

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

## CKC LABORATORIES, INC. <sup>1</sup> 5046 Sierra Pines Drive Mariposa, CA 95338

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## **ELECTRICAL**

Valid to: March 31, 2027 Certificate Number: 0803.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory *at the location listed above, as well as the four locations listed below,* to perform the following Emissions, Immunity, Wireless, and Military tests for electrical equipment:

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<u>MARIPOSA</u>	
Core Measurement Methods:			
RADIATED / CONDUCTE	<u>D EMISSIONS</u>		
ANSI C63.4	American National Standard for Methods of Measu		
ANSI C63.4-2014	Noise Emissions from Low-Voltage Electrical and Equipment in the Range of 9 kHz to 40 GHz	Electronic	
CISPR 11	Industrial, scientific and medical (ISM) radio-frequ	iency equipment -	
CISPR 11: 2015+A1+A2	Electromagnetic disturbance characteristics - Limit		
CISPR 11: 2015+A1	measurement		
CISPR 11: 2015			
CISPR 11: 2009+A1			
CISPR 11: 2009			
CISPR 11: 2003			
CISPR 14-1	Electromagnetic compatibility – Requirements for	household	
CISPR 14-1: 2020	appliances, electric tools and similar apparatus – Pa	art 1 Emission	
CISPR 14-1: 2016	[excluding clicks]		
CISPR 14-1: 2005+A1			
CISPR 14-1: 2005			
CISPR 15	Limits and methods of measurement of radio distur	bance characteristics	
CISPR 15: 2018	of electrical lighting and similar equipment		
CISPR 22: 2008	Information technology equipment – Radio disturb		
CISPR 22: 2005+A1+A2	– Limits and methods of measurement [table top eq	quipment only for	
CISPR 22: 2005+A1	testing above 1 GHz]		
CISPR 22: 2005			
CISPR 32	Electromagnetic compatibility of multimedia equip	ment - Emission	
CISPR 32: 2015+A1	Requirements		
CISPR 32: 2015			
CISPR 32: 2012+C1+C2			
ICES-001	Industrial, Scientific and Medical (ISM) radio frequency	uency generators	

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STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	MARIPOSA
ICES-002	Vehicles, Boats and Other Devices Propelled by a	n Internal
	Combustion Engine, Electrical Means or Both	
ICES-003	Information Technology Equipment (ITE) - Limits and methods of	
	measurement	
ICES-004	Alternating current high voltage power systems	
ICES-005	Radio frequency lighting devices	
ICES-006	AC Wire Carrier Current Devices (Unintentional )	
ICES-GEN	General Requirements for Compliance of Interference	ence-Causing
	Equipment	
IEC 61000-3-2	Electromagnetic Compatibility (EMC) – Part 3 Li	
IEC 61000-3-2:	Limits for harmonic current emissions (equipment	input current $\leq 16 \text{ A}$
2018+A1+A2	per phase)	
IEC 61000-3-2: 2018+A1		
IEC 61000-3-2: 2018		
IEC 61000-3-3	Electromagnetic Compatibility (EMC) – Part 3 Li	
IEC 61000-3-3:	Limitation of voltage fluctuations and flicker in lo	w-voltage supply
2013+A1+A2	systems for equipment with rated current $\leq 16 \text{ A}$	
IEC 61000-3-3: 2013+A1		
IEC 61000-3-3: 2013		
FCC MP-5: 1986	Methods of measurements of radio noise emission	s from industrial,
	scientific and medical equipment	
IMMUNITY	<u></u>	
CISPR 14-2	Electromagnetic compatibility - Requirements for	household
CISPR 14-2: 2020	appliances, electric tools, and similar apparatus - Part 2 Immunity -	
CISPR 14-2: 2015	Product family standard	
CISPR 14-2:1997+A1+A2	1 Todace family standard	
CISPR 14-2:1997+A1		
CISPR 14-2:1997		
CISPR 24: 2010+A1	Information technology equipment - Immunity cha	aracteristics - Limits
CISPR 24: 2010	and methods of measurement	
CISPR 24: 1997+A1+A2	and motificus of moustrement	
CISPR 24: 1997+A1		
CISPR 24: 1997		
CISPR 35	Electromagnetic compatibility of multimedia equi	pment - Immunity
CISPR 35: 2016	requirements	
ENV 50204: 1996	Radiated electromagnetic field from digital radio t test (900 MHz, 5 MHz keyed carrier)	elephones - immunity
IEC 61000-4-2	Electromagnetic compatibility (EMC) – Part 4-2 7	Sesting and
IEC 61000-4-2: 2008	measurement techniques – Electrostatic discharge	
IEC 61000-4-2:		,
1995+A1+a2		
1770 1111 42		
IEC 61000-4-3	Electromagnetic compatibility (EMC) – Part 4-3 7	Testing and
	Electromagnetic compatibility (EMC) – Part 4-3 7 measurement techniques – Radiated, radio-frequent	
IEC 61000-4-3		
IEC 61000-4-3 IEC 61000-4-3: 2020	measurement techniques - Radiated, radio-frequen	
IEC 61000-4-3 IEC 61000-4-3: 2020 IEC 61000-4-3:	measurement techniques - Radiated, radio-frequen	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	MARIPOSA
IEC 61000-4-4	Electromagnetic compatibility (EMC) – Part 4-4 T	Testing and
IEC 61000-4-4: 2012	measurement techniques – Electrical fast transient/burst immunity test	
IEC 61000-4-4: 2004+A1	_	
IEC 61000-4-4: 2004		
IEC 61000-4-5	Electromagnetic compatibility (EMC) – Part 4-5 T	Cesting and
IEC 61000-4-5: 2014+A1	measurement techniques – Surge immunity test	-
IEC 61000-4-5: 2014		
IEC 61000-4-5: 2005		
IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6 T	Cesting and
IEC 61000-4-6: 2023	measurement techniques - Immunity to conducted	disturbances,
IEC 61000-4-6: 2013	induced by radio-frequency fields	
IEC 61000-4-6: 2008		
IEC 61000-4-6: 2003+A1		
IEC 61000-4-6: 2003		
IEC 61000-4-6: 1996+A1		
IEC 61000-4-8	Electromagnetic compatibility (EMC) – Part 4 Tes	
IEC 61000-4-8: 2009	measurement techniques – Section 8 Power freque	ency magnetic field
IEC 61000-4-8: 1993+A1	immunity test basic EMC publication	
IEC 61000-4-8: 1993		
IEC 61000-4-11	Electromagnetic compatibility (EMC) – Part 4 Tes	sting and measuring
IEC 61000-4-11: 2020	techniques – Section 11 Voltage dips, short interru	ptions and voltage
IEC 61000-4-11: 2004+A1	variations immunity tests	
IEC 61000-4-11: 2004	·	
IEC 61000-4-11: 1994+A1		
IEC 61000-4-11: 1994		
IEC 61000-4-12	Electromagnetic Compatibility (EMC) – Part 4-12	: Testing and
IEC 61000-4-12: 2017	measurement techniques - Ring wave immunity to	est
IEC 61000-4-13	Electromagnetic compatibility (EMC) – Part 4-13	Testing and
IEC 61000-4-13:	measurement techniques – Harmonics and interhal	rmonics including
2002+A1+A2	mains signaling at A.C. power port, low frequency	immunity tests
IEC 61000-4-16	Electromagnetic compatibility (EMC) - Part 4-16:	Testing and
IEC 61000-4-16: 2015	measurement techniques - Test for immunity to co	
	mode disturbances in the frequency range 0 Hz to	150 kHz
IEC 61000-4-29	Electromagnetic compatibility (EMC) - Part 4-29:	
IEC 61000-4-29: 2000	measurement techniques - Voltage dips, short inter	rruptions and voltage
	variations on d.c. input power port immunity tests	
IEC 61000-4-39	Electromagnetic compatibility (EMC) – Part 4-39:	Testing and
IEC 61000-4-39: 2017	measurement techniques – Radiated fields in close	proximity –
	Immunity test [9 kHz to 26 MHz]	<u> </u>
AUTOMOTIVE		
CISPR 12	Vehicles, boats, and internal combustion engines -	- Radio disturbance
CISPR 12: 2007+A1	characteristics – Limits and methods of measurem	ent for the protection
CISPR 12: 2007	of off-board receivers	
CISPR 36	Electric and hybrid electric road vehicles – Radio	disturbance
CISPR 36: 2020+A1	characteristics - Limits and methods of measurement	
CISPR 36: 2020	of off-board receivers below 30 MHz	*

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	MARIPOSA
ENERGY GRID / EV		l
IEEE 1613: 2009	Environmental and Testing Requirements for Com	munications
	Networking Devices Installed in Electric Power Substations	
UL 991	Tests for Safety-Related Controls Employing Solic	
UL 991: 2010	[Sections: 11, 13, 14.3, 14.7, 14.8, 14.9, 14.10, 15]	G
UL 2202	Standard for Safety, Electric Vehicle (EV) Chargin	ng System Equipment
UL 2202: 2022 UL 2231-2: 2016	[Sections: 37.2(c), 37.2(d)] Standard for Safety, Personnel Protection Systems	for Electric Vehicle
OL 2231-2. 2010	Standard for Safety, Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits [Sections: 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9,	
	& 24.10]	7.0, 27.7, 27.0, 27.2,
UL 9540: 2020	Standard for Safety, Energy Storage Systems and I	Equipment
	[Section: 32]	
MARITIME		
DNV-CG-0339	Class Guideline: Environmental test specification	
DNV-CG-0339: 2021	electronic and programmable equipment and system	ms.
DNVGL-CG-0339: 2019	[Sections 3.4, 3.5, 3.12, 3.13, & 3.14]	
DNVGL-CG-0339: 2016		
MILITARY / AEROSPACE		
MIL-STD-461A/B/C,	Electromagnetic emission and susceptibility requir	ements for the
Using the methods of	control of electromagnetic interference:	
Mil-STD-462	[Emissions: CE01, CE02, CE03, CE04, CE05, CE06, CE07, RE01,	
	RE02, RE03]	
	[Susceptibility: CS01, CS02, CS03, CS04, CS05, CS06, CS07, CS08,	
MIL-STD-461D	CS09, CS10, CS11, CS12, RS01, RS02, RS03, RS06 Electromagnetic emission and susceptibility requir	
Using the methods of	control of electromagnetic interference:	cincilis for the
MIL-STD-462D	[Emissions: CE101, CE102, CE106, RE101, RE10	2, RE103]
	[Susceptibility: CS101, CS103, CS104, CS105, CS	
	CS116, RS101, RS103]	
MIL-STD-461E	Electromagnetic emission and susceptibility requir	ements for the
	control of electromagnetic interference:	2 DE1021
	[Emissions: CE101, CE102, CE106, RE101, RE10] [Susceptibility: CS101, CS103, CS104, CS105, CS	=
	CS116, RS101, RS103	10), CS114, CS113,
MIL-STD-461F	Electromagnetic emission and susceptibility requir	ements for the
	control of electromagnetic interference:	
	[Emissions: CE101, CE102, CE106, RE101, RE10	-
	[Susceptibility: CS101, CS103, CS104, CS105, CS	106, CS109, CS114,
MIL CTD 4(1C	CS115, CS116, RS101, RS103	
MIL-STD-461G	Electromagnetic emission and susceptibility require control of electromagnetic interference:	ements for the
	[Emissions: CE101, CE102, CE106, RE101, RE10	2 RE1031
	[Susceptibility: CS101, CS103, CS104, CS105, CS	
	CS116, CS117, CS118, RS101, RS103]	,,
MIL-STD-704F	Aircraft Electrical Power Characteristics	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<u>MARIPOSA</u>
MIL-HDBK-704-8	Guidance for Test Procedures for Demonstration of Utilization Equipment Compliance to Aircraft Electrical Power Characteristics – 28VDC	
DADIO ANTENIA		
RADIO / WIRELESS		
ANSI C63.10	American National Standard for Testing Unlicense	ed Wireless Devices
ANSI C63.10: 2020		
ANSI C63.10: 2013 ANSI C63.17	American National Standard for Methods of Meas	uramant of the
ANSI C63.17: 2013	Electromagnetic and Operational Compatibility of	
ANSI C03.17. 2013	Communications Services (UPCS) Devices	Officerised I cisoliai
ANSI C63.26	American National Standard for Compliance Testi	ng of Transmitters
ANSI C63.26: 2015	Used in Licensed Radio Services	8
ANSI C63.30	American National Standard for Methods of Meas	urements of Radio-
ANSI C63.30: 2021	Frequency Emissions from Wireless Power Transf	er Equipment
ANSI/TIA-603E	Land mobile FM or PM communications equipme	nt measurement and
TIA-102.CAAA-E	performance standards	
FCC KDB 905462 D02	U-NII with DFS Intentional Radiators	
FCC KDB 905462 D02 v02		
EN 300 086	Land Mobile Service; Radio equipment with an in	ternal or external RF
EN 300 086 v2.1.2	connector intended primarily for analogue speech	
EN 300 113	Land Mobile Service; Radio equipment intended f	
EN 300 113 v3.1.1	data (and/or speech) using constant or non-constant	it envelope
EN 300 113 v2.2.1 EN 300 219	modulation and having an antenna connector	
EN 300 219 EN 300 219 v2.1.1	Land Mobile Service; Radio equipment transmittir specific response in the receiver	ig signais to initiate a
EN 300 219 V2.1.1 EN 300 220-1	Short Range Devices (SRD) operating in the frequ	enov ranga 25 MHz
EN 300 220-1 EN 300 220-1 v3.1.1	to 1 000 MHz; Part 1: Technical characteristics and	
LIV 300 220-1 V3.1.1	measurement	a memous or
EN 300 220-2	Short Range Devices (SRD) operating in the frequ	ency range 25 MHz
EN 300 220-2 v3.2.1	to 1 000 MHz; Part 2: Harmonised Standard for ac	
EN 300 220-2 v3.1.1	spectrum for non-specific radio equipment	
EN 300 220-3-1	Short Range Devices (SRD) operating in the frequ	ency range 25 MHz
EN 300 220-3-1 v2.1.1	to 1 000 MHz; Part 3-1: Low duty cycle high relia	bility equipment,
	social alarms equipment operating on designated f	requencies,
	869,200 MHz to 869,250 MHz	
EN 300 220-3-2	Short Range Devices (SRD) operating in the frequ	
EN 300 220-3-2 v1.1.1	to 1 000 MHz; Part 3-2: Wireless alarms operating	
	LDC/HR frequency bands 868,60 MHz to 868,70	
EN 300 220-4	869,25 MHz to 869,40 MHz, 869,65 MHz to 869,7 Short Range Devices (SRD) operating in the frequ	
EN 300 220-4 EN 300 220-4 v1.1.1	to 1 000 MHz; Part 4: Metering devices operating	
21, 300 220 1 11.1.1	169,400 MHz to 169,475 MHz	in acoignated band
EN 300 224	Land Mobile Service; Radio Equipment for use in	a Paging Service
EN 300 224 v2.1.1	operating within the frequency range 25 MHz - 47	
EN 300 328	Wideband transmission systems; Data transmission	
EN 300 328 v2.2.2	operating in the 2,4 GHz band; Harmonised Standa	
EN 300 328 v2.1.1	spectrum	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<b>MARIPOSA</b>
EN 300 330	Short Range Devices (SRD); Radio equipment in t	
EN 300 330 v2.1.1	9 kHz to 25 MHz and inductive loop systems in the	e frequency range
	9 kHz to 30 MHz	
EN 300 422-1	Wireless Microphones; Audio PMSE up to 3 GHz	; Part 1: Class A
EN 300 422-1 v2.2.1	Receivers	
EN 300 422-1 v2.1.2		
EN 300 422-1 v1.4.2		
EN 300 422-2	Wireless Microphones; Audio PMSE up to 3 GHz	; Part 2: Class B
EN 300 422-2 v2.1.1	Receivers	
EN 300 422-3	Wireless Microphones; Audio PMSE up to 3 GHz	; Part 3: Class C
EN 300 422-3 v2.1.1	Receivers	
EN 300 422-4	Wireless Microphones; Audio PMSE up to 3 GHz	
EN 300 422-4 v2.1.1	Listening Devices including personal sound ampli	liers and inductive
ENI 200 422	systems (up to 3 GHz)	
EN 300 433	Citizens' Band (CB) radio equipment	
EN 300 433 v2.1.1	Chart Barras Davisas (CDD). Badis amiros et ta 1	1 : 4l 1 CII-
EN 300 440 EN 300 440 v2.2.1	Short Range Devices (SRD); Radio equipment to b	
EN 300 440 v2.2.1 EN 300 440 v2.1.1	to 40 GHz frequency range; Harmonised Standard	for access to radio
EN 300 440 V2.1.1 EN 300 454-2	spectrum  Electromagnetic Compatibility and Radio Spectrum	m Mottors (EDM)
EN 300 454-2 v1.1.1	Wide band audio links	ii Maueis (ERM) -
EN 300 487	Satellite Earth Stations and Systems (SES); Harmo	niced Standard for
EN 300 487 v2.1.2	Receive-Only Mobile Earth Stations (ROMES) pro	
211.2	communications operating in the 1,5 GHz frequence	•
EN 301 357	Cordless audio devices in the range 25 MHz to 2 0	
EN 301 357 v2.1.1	cordinate devices in the range 20 mills to 2 o	VV 1/1112
EN 301 502	Global System for Mobile communications (GSM)	); Base station and
EN 301 502 v12.5.2	repeater equipment	,,
EN 301 893	Wireless Access Systems; 5GHz Radio Local Area	a Network (RLAN)
EN 301 893 v2.1.1	[excluding section 5.4.9.3.2.4.1]	, ,
EN 301 908-1	IMT Cellular Networks; Base Stations (BS) and Re	epeaters
EN 301 908-1 v15.2.1	Part 1: Introduction and common requirements	
EN 301 908-1 v15.1.1		
EN 301 908-1 v13.1.1		
EN 301 908-3	IMT Cellular Networks; Base Stations (BS) and Re	•
EN 301 908-3 v15.1.1	Part 3: CDMA Direct Spread (UTRA FDD) Base S	Stations
EN 301 908-3 v13.1.1		
EN 301 908-5	IMT Cellular Networks; Base Stations (BS) and R	
EN 301 908-5 v5.2.1	Part 5: CDMA Multi-Carrier (cdma2000) Base Sta	
EN 301 908-7	IMT Cellular Networks; Base Stations (BS) and R	epeaters
EN 301 908-7 v5.2.1	Part 7: CDMA TDD (UTRA TDD) Base Stations	
EN 301 908-9	IMT Cellular Networks; Base Stations (BS) and R	
EN 301 908-9 v1.1.1	Part 9: Harmonized EN for IMT-2000, TDMA Sin	gie-Carrier (UWC
EN 201 009 11	136) Base Station	
EN 301 908-11	IMT Cellular Networks; Base Stations (BS) and Report 11, CDMA Direct Spread (LTP A EDD) Report	•
EN 301 908-11 v11.1.2 EN 301 908-12	Part 11: CDMA Direct Spread (UTRA FDD) Repe	
	IMT Cellular Networks; Base Stations (BS) and Report 12: CDMA Multi-Carrier (adma 2000) Report	•
EN 301 908-12 v7.1.1	Part 12: CDMA Multi-Carrier (cdma2000) Repeat	E18

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<b>MARIPOSA</b>
EN 301 908-14	IMT Cellular Networks; Base Stations (BS) and Re	epeaters
EN 301 908-14 v15.1.1	Part 14: Evolved Universal Terrestrial Radio Acce	ss (E-UTRA) Base
EN 301 908-14 v13.1.1	Stations	
EN 301 908-15	IMT Cellular Networks; Base Stations (BS) and Ro	epeaters
EN 301 908-15 v15.1.1	Part 15: Evolved Universal Terrestrial Radio Acce	ss (E-UTRA FDD)
EN 301 908-15 v11.1.2	Repeaters	
EN 301 908-17	IMT Cellular Networks; Base Stations (BS) and Re	epeaters
EN 301 908-17 v4.2.1	Part 17: Harmonized EN for IMT-2000, Evolved C	
	Ultra Mobile Broadband (UMB) Base Station	
EN 301 908-18	IMT Cellular Networks; Base Stations (BS) and Ro	epeaters
EN 301 908-18 v15.1.1	Part 18: E-UTRA, UTRA and GSM/EDGE Multi-	
EN 301 908-18 v13.1.1	(MSR) Base Station	
EN 301 908-20	IMT Cellular Networks; Base Stations (BS) and Ro	epeaters
EN 301 908-20 v6.3.1	Part 20: OFDMA TDD WMAN (Mobile WiMAX)	
EN 301 908-22	IMT Cellular Networks; Base Stations (BS) and Ro	epeaters
EN 301 908-22 v6.1.1	Part 22: OFDMA TDD WMAN (Mobile WiMAX)	
EN 302 064	Wireless Video Links operating in the 1,3 GHz to	/
EN 302 064 v2.1.1	band	1 7
EN 302 064-2 v1.1.1		
EN 302 065-1	Short Range Devices (SRD) using Ultra Wide Ban	d technology
EN 302 065-1 v2.1.1	(UWB); Part 1: Requirements for Generic UWB ap	~·
EN 302 065-2	Short Range Devices (SRD) using Ultra Wide Ban	
EN 302 065-2 v2.1.1	(UWB); Part 2: Requirements for UWB location tr	~·
EN 302 066	Short Range Devices (SRD); Ground- and Wall- P	
EN 302 066 v2.2.1	applications (GPR/WPR) imaging systems	
EN 302 066-2 v1.2.1		
EN 302 195	Short Range Devices (SRD); Ultra Low Power Ac	tive Medical
EN 302 195 v2.1.1	Implants (ULP-AMI) and accessories (ULP-AMI-	
	frequency range (9 to 315) kHz	
EN 302 208	Radio Frequency Identification Equipment operation	ng in the band
EN 302 208 v3.4.1	865 MHz to 868 MHz with power levels up to 2 W	and in the band
EN 302 208 v3.3.1	(915 to 921) MHz with power levels up to 4 W	
EN 302 208 v3.1.1		
EN 302 326-2	Fixed Radio Systems; Multipoint equipment and a	ntennas;
EN 302 326-2 v2.1.1	Part 2: digital multipoint radio equipment	
EN 302 326-2 v1.2.2		
EN 302 502	Wireless Access Systems (WAS);	
EN 302 502 v2.1.1	5,8 GHz fixed broadband data transmitting system	S
EN 302 645	Electromagnetic compatibility and radio spectrum	matters (ERM);
EN 302 645 v1.1.1	Short range devices; Global navigation satellite sys	
	repeaters	· 
EN 303 413	Satellite Earth Stations and Systems (SES); Global	Navigation Satellite
EN 303 413 v1.2.1	System (GNSS) receivers; Radio equipment operation	ting in the
EN 303 413 v1.1.1	1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610	
	bands	_ <del>-</del>
EN 303 417	Wireless power transmission systems, using technologies	ologies other than
EN 303 417 v1.1.1	radio frequency beam in the 19 - 21 kHz, 59 - 61 k	•
	100 - 300 kHz, 6 765 - 6 795 kHz ranges	,



STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<b>MARIPOSA</b>
EN 303 446-1	ElectroMagnetic Compatibility (EMC) standard for combined and/or	
EN 303 446-1 v1.2.1	integrated radio and non-radio equipment; Part 1: Requirements for	
	equipment intended to be used in residential, com	nmercial and light
	industry locations	
EN 303 446-2	ElectroMagnetic Compatibility (EMC) standard f	
EN 303 446-2 v1.2.1	integrated radio and non-radio equipment; Part 2:	
	equipment intended to be used in industrial locati	
EN 303 454	Short Range Devices (SRD); Metal and object de	tection sensors in the
EN 303 454 v1.1.1	frequency range 1 kHz to 148,5 kHz	
RSS-111	Broadband public safety equipment operating in (4940 to 4990) MHz	the band
RSS-112	Land mobile and fixed equipment operating in th	e hand
K55-112	(1670 to 1675) MHz	e band
RSS-117	Land and coast station transmitters using A1, A2,	A3, A2H, or A3H
	emissions operating in the (200 to 535) kHz band	
RSS-119	Land mobile and fixed radio transmitters and reco	eivers
	(27.41 to 960) MHz	
RSS-123	Low power licensed radio communication device	
RSS-125	Land mobile and fixed radio transmitters and reco	eivers, (1.705 to 50.0)
	MHz, primarily amplitude modulated	
RSS-127	Air-Ground equipment operating in the bands (84	19 to 851) MHz and
	(894 to 896) MHz	
RSS-130	Mobile Broadband Services (MBS) Equipment Operating in the	
DCC 121	Frequency Bands (698 to 756) MHz and (777 to	/8/) MHz
RSS-131	Zone enhancers for the land mobile service	1 1 '
RSS-132	800 MHz Cellular telephones employing new tec	hnologies
RSS-133	2 GHz Personal communication services	•
RSS-134	900 MHz Narrowband personal communications	services
RSS-135	Digital scanner receivers	Τ_
RSS-137	Location and monitoring service (902 to 928) MI	
RSS-139	Advanced wireless services equipment operating (1710 to 1755) MHz and (2110 to 2155) MHz	in the bands
RSS-140	Equipment Operating in the Public Safety Broadle	and Fraguency Pands
K55-140	758-768 MHz and 788-798 MHz	dand Prequency Danus
RSS-141	Aeronautical radio communication equipment in	the frequency band
	(117.975 to 137) MHz	1 3
RSS-142	Narrowband multipoint communication systems	in the (1427 to 1430)
	MHz and (1493.5 to 1496.5) MHz bands	,
RSS-170	Satellite mobile earth stations	
RSS-181	Coast and ship station single sideband radiotelepl	none transmitters and
	receivers operating in the (1,605 to 28,000) kHz 1	oand
RSS-182	Maritime radio transmitters and receivers in the b	and (156 to 162.5)
	MHz	
RSS-191	Local multipoint communication systems in the 2	
	point and point-to-multipoint broadband commun	nication systems in the
	24 GHz and 38 GHz bands	
RSS-192	Fixed wireless access equipment operating in the	band
	(3450 to 3650) MHz	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<b>MARIPOSA</b>	
RSS-194	Fixed wireless access equipment operating in MHz	Fixed wireless access equipment operating in the band (953 to 960) MHz	
RSS-195	Wireless communications service equipment (2305 to 2320) MHz and (2345 to 2360) MH	Wireless communications service equipment operating in the bands (2305 to 2320) MHz and (2345 to 2360) MHz	
RSS-196	Point-to-Multipoint Broadband Equipment O (512 to 608) MHz and (614 to 698) MHz for Systems (RRBS) (TV Channels 21 to 51)		
RSS-197	Wireless broadband access equipment operat (3650 to 3700) MHz	ing in the band	
RSS-198	Flexible Use Broadband Equipment Operatin MHz	ng in the Band 3900-3980	
RSS-199	Broadband radio service (BRS) equipment of (2500 to 2690) MHz	perating in the band	
RSS-210	Low power license exempt radio communica	tion devices (All bands)	
RSS-211	Level Probing Radar Equipment		
RSS-213	2 GHz License exempt personal communicat	ions service devices (PCS)	
RSS-215	Analogue scanner receivers		
RSS-216	Wireless Power Transfer Devices (Wireless O	Chargers)	
RSS-220	Devices using ultra-wideband (UWB) techno	ology	
RSS-222	White Spaces Devices (WSDs)		
RSS-236	General radio service equipment operating in (26.960 to 27.410) MHz	General radio service equipment operating in the band	
RSS-238	Shipborne Radar in the (2,900 to 3,100) MHz and (9,225 to 9,500) MHz bands		
RSS-243	Active medical implant communications system devices in the (402 to 405) MHz band		
RSS-244		Medical Devices Operating in the Band 413-457 MHz	
RSS-246	Ultra-Low Power (ULP) Wireless Medical C Operating in the 430-440 MHz Band		
RSS-247	Digital Transmission Systems (DTSs), Frequ (FHSs), and License-Exempt Local Area Net		
RSS-248	Radio Local Area Network (RLAN) Devices 7125 MHz Band		
RSS-251	Field disturbance sensors in the bands (46.7 t 77) GHz	to 46.9) GHz and (76 to	
RSS-252	Intelligent Transportation Systems — Dedica Communications (DSRC) — On-Board Unit		
RSS-287	Emergency position indicating radio beacons (EPIRB), emergency locator transmitters (ELT), personal locator beacons (PLB), and maritime survivor locator devices (MSLD)		
RSS-288	Global maritime distress and safety system (	GMDSS)	
RSS-310	Low-power license exempt radio communica frequency bands) category II equipment	<u> </u>	
RSS-GEN	General requirements and information for the communication equipment	e certification of radio	
KS X 3123	Conformity Assessment Procedure of Radio	Equipment	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	MARIPOSA
KS X 3143	Test Methods of radio disturbance for residential wireless power- transmission equipment	
MSIT No. 86, Jan 4, 2022	Regulations on Radio Equipment [excluding SAR]	
MSIT Public Notification 2024-22, May 30, 2024	Unlicensed Radio Equipment Established withou <i>SAR</i> ]	
RRA Public Notification 2022- 28, Dec 30, 2022	Technical Requirements of Radio Wave Applica	tion
RF EXPOSURE		
IEC 62233	Measurement methods for electromagnetic fields	of household
IEC 62233: 2005	appliances and similar apparatus with regard to h	uman exposure.
IEC 62311	Assessment of electronic and electrical equipmen	nt related to human
IEC 62311: 2019	exposure restrictions for electromagnetic fields (	up to 300 GHz)
IEC 62479	Assessment of the compliance of low power elec	tronic and electrical
IEC 62479: 2010	equipment with the basic restrictions related to he electromagnetic fields (10 MHz to 300 GHz)	uman exposure to
RSS-102	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) [MPE Calculations, RF Exposure Measurement and Nerve Stimulation Measurement Only]	
RSS-102.NS.MEAS	Measurement Procedure for Assessing Nerve Stimulation (NS)	
Tibb 102ii (BiiviEi ib	Compliance in Accordance with RSS-102 [exclu	` ,
	PRODUCT FAMILY STANDARDS:	
AUSTRALIA / NEW ZEAI	LAND	
ACMA Short Range	ACMA Radiocommunications Equipment (Gene	ral) Rules 2021 –
Equipment Standard	Schedule 5, Part 15, Short Range Equipment Star	ndard using:
	AS/NZS 4268: 2017 +A1: 2021	
	ETSI EN 300 220-1 v3.1.1: 2017	
	ETSI EN 300 330 v2.1.1: 2017	
	ETSI EN 300 440 v2.2.1: 2018	
	Federal Communications Commission Rules Titl	
	(Telecommunications) Part 15–Radio Frequency	
ARPANSA RPS S-1	Standard for Limiting Exposure to Radiofrequent	cy Fields – 100 kHz to
ARPANSA RPS S-1: 2021	300 GHz [excluding SAR]	***
AS/NZS 4268	Radio equipment and systems - Short range device	ces - Limits and
AS/NZS 4268: 2017+A1	methods of measurement	
AS/NZS 4295	Analogue speech (angle modulated) equipment of	
AS/NZS 4295 (2015) +A1	mobile and fixed services bands in the frequency GHz	
AS/NZS 4768.1	Digital radio equipment operating in land mobile	
AS/NZS 4768.1 (2010)	bands in the frequency range 29.7 MHz to 1 GHz	
AS/NZS 61000.6.1	Electromagnetic Compatibility (EMC) Generic s residential, commercial and light-industrial envir	•
AS/NZS 61000.6.2	Electromagnetic Compatibility (EMC) Generic s	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	MARIPOSA
AS/NZS 61000.6.3: 2021	Electromagnetic Compatibility (EMC) Emission standard for residential, commercial and light-industrial environments	
AS 61000.6.4: 2020	Electromagnetic Compatibility (EMC) Emission s environments	tandard for industrial
AS/NZS 61000.6.8	Electromagnetic compatibility (EMC) - Part 6-8: C Emission standard for professional equipment in c industrial locations	ommercial and light-
AS CISPR 11: 2017	Industrial, Scientific and Medical (ISM) radio free Electromagnetic disturbance characteristics - Limi measurement	ts and methods of
AS/NZS CISPR 14.1: 2021	Electromagnetic compatibility - Requirements for appliances, electric tools and similar apparatus - E <i>clicks</i> ]	
AS/NZS CISPR 14.2	Electromagnetic compatibility - Requirements for household appliances electric tools, and similar apparatus - Immunity	
AS/NZS CISPR 32: 2015 +A1	Electromagnetic compatibility of multimedia equipment – Emission Requirements	
EUROPEAN NORM		
EN 12015 EN 12015: 2020 EN 12015: 2014	Electromagnetic compatibility - Product family states escalators and passenger conveyors – Emission	andard for lifts,
EN 12016 EN 12016: 2013 EN 12016: 2004+A1 EN 12016: 2004 EN 12016: 1998	Electromagnetic compatibility - Product family states escalators and passenger conveyors - Immunity	andard for lifts,
EN 12184 EN 12184: 2022 EN 12184: 2014	Electrically powered wheelchairs, scooters and the Requirements and test methods [Section 12.1 Only	•
EN 13309: 2010	Construction machinery – Electromagnetic compa with internal electrical power supply	-
EN 13763-26 EN 13763-26: 2004	Explosives for civil uses – Detonators and relays –	- Part 26
EN ISO 13766-1 EN ISO 13766-1: 2018	Earth-moving and building construction machiner compatibility (EMC) of machines with internal elec-	ectrical power supply
EN ISO 13766-2 EN ISO 13766-2: 2018	environmental conditions  Earth-moving and building construction machiner compatibility (EMC) of machines with internal electrons.	
	Part 2: Additional EMC requirements for function	al safety
EN ISO 14982 EN ISO 14982: 2009	Agricultural and forestry machinery – Electromag Test methods and acceptance criteria	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	MARIPOSA
EN 15194	Cycles – Electrically power assisted cycles – EPAG	C Bicycles
EN 15194: 2017+A1		•
EN 15194: 2017		
EN 15194: 2009+A1		
EN 15194: 2009		
EN 50065-1	Specification for signaling on low-voltage electrical	al installations in the
EN 50065-1: 2011	frequency range (3 to 148.5) kHz - Part 1 General is	
	frequency bands and electromagnetic disturbances	
EN 50065-2-1	Specification for signaling on low-voltage electrical	al installations in the
EN 50065-2-1: 2003+A1	frequency range (3 to 148.5) kHz - Part 2 Immunit	y requirements for
EN 50065-2-1: 2003	mains communications equipment and systems open	erating in the range
	of frequencies (95 to 1485) kHz	
EN 50065-2-2	Signaling on low-voltage electrical installations in	the frequency range
EN 50065-2-2: 2003+A1	(3 to 148,5) kHz. Immunity requirements for main	
EN 50065-2-2: 2003	equipment and systems operating in the range of fr	requencies
	(95 to 148,5) kHz	•
EN 50065-2-3	Signaling on low-voltage electrical installations in	the frequency range
EN 50065-2-3: 2024	(3 to 148.5) kHz. Immunity requirements for main	s communications
EN 50065-2-3: 2003+A1	equipment and systems operating in the range of fr	requencies (3 to 95)
EN 50065-2-3: 2003	kHz	• • • • • • • • • • • • • • • • • • • •
EN 50083-2	Cable networks for television signals, sound signal	s and interactive
EN 50083-2: 2012+A1	services - Part 2 Electromagnetic compatibility for	
EN 50121-1	Railway applications - Electromagnetic compatibil	ity - Part 1 General
EN 50121-1: 2017		
EN 50121-1: 2006+AC		
EN 50121-3-2	Railway applications - Electromagnetic compatibil	ity - Part 3-2 Rolling
EN 50121-3-2: 2016+A1	stock - Apparatus	
EN 50121-3-2: 2016		
EN 50121-4	Railway applications - Electromagnetic compatibil	
EN 50121-4: 2016+A1	and immunity of the signaling and telecommunicat	tions apparatus
EN 50121-4: 2016		
EN 50130-4	Alarm systems - Part 4 Electromagnetic compatibi	lity - Product family
EN 50130-4: 2011+A1	standard - Immunity requirements for components	of fire, intruder and
EN 50130-4: 2011	social alarm systems	
EN 50270	Electromagnetic compatibility - Electrical apparatu	
EN 50270: 2015+AC	and measurement of combustible gases, toxic gases	
EN 50370-1	Electromagnetic Compatibility (EMC) - Product fa	mily standard for
EN 50370-1: 2005	machine tools - Part 1 Emissions.	
EN 50370-2	Electromagnetic Compatibility (EMC) - Product fa	mily standard for
EN 50370-2: 2003	machine tools - Part 2 Immunity	
EN 50498	Electromagnetic compatibility (EMC). Product fan	nily standard for
EN 50498: 2010	aftermarket electronic equipment in vehicles	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<b>MARIPOSA</b>
EN 55011 EN 55011: 2016+A1+A2+A11 EN 55011: 2016+A1+A11 EN 55011: 2016+A1 EN 55011: 2016 EN 55011: 2009+A1 EN 55011: 2009	Industrial, Scientific and Medical (ISM) radio-freq Radio disturbance characteristics - Limits and met	hods of measurement
EN 55012 EN 55012: 2007+A1	Vehicles, boats and internal combustion engines. For characteristics. Limits and methods of measurement of off-board receivers	
EN IEC 55014-1 EN IEC 55014-1: 2021 EN 55014-1: 2017+A11 EN 55014-1: 2017 EN 55014-1: 2006+A1+A2 EN 55014-1: 2006	Electromagnetic compatibility - Requirements for appliances, electric tools and similar apparatus - Pa [excluding clicks]	art 1 Emission
EN IEC 55014-2 EN IEC 55014-2: 2021 EN 55014-2: 2015 EN 55014-2: 1997+A1+A2+AC EN 55014-2: 1997+A1+AC EN 55014-2: 1997	Electromagnetic compatibility - Requirements for appliances, electric tools and similar apparatus - Pa Product family standard	
EN IEC 55015 EN IEC 55015: 2019+A11 EN IEC 55015: 2019 EN 55015: 2013	Limits and methods of measurement of radio disturn of electrical lighting and similar equipment	rbance characteristics
EN 55022: 2010 EN 55022: 2006+A1+A2	Information technology equipment - Radio disturb Limits and methods of measurement [table-top equipment above 1 GHz]	
EN 55024: 2010+A1 EN 55024: 2010	Information technology equipment - Immunity cha and methods of measurement	
EN 55032 EN 55032: 2015+A11 EN 55032: 2015 EN 55032: 2012	Electromagnetic compatibility of multimedia equiprequirements	oment - Emission
EN 55035 EN 55035: 2017+A11 EN 55035: 2017	Electromagnetic compatibility of multimedia equiprequirements	oment - Immunity
EN IEC 55036 EN IEC 55036: 2020+A1 EN IEC 55036: 2020	Electric and hybrid electric road vehicles – Radio of characteristics - Limits and methods of measurement of off-board receivers below 30 MHz	ent for the protection
EN 55103-1: 2009+A1 EN 55103-1: 2009	Electromagnetic compatibility - Product family stavideo, audio-visual and entertainment lighting comprofessional use – Emission	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<b>MARIPOSA</b>
EN 55103-2: 2009	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Immunity	
EN 60034-1 EN 60034-1: 2010	Rotating electrical machines – Part 1 [Section 13]	
EN 60601-1-2 EN 60601-1-2: 2015+A1 EN 60601-1-2: 2015 EN 60601-1-2: 2007	Medical electrical equipment - Part 1-2 General re - Collateral standard - Electromagnetic compatibilitiests	ity - requirements and
EN IEC 60601-2-2 EN IEC 60601-2-2: 2018+A1 EN IEC 60601-2-2: 2018 EN 60601-2-2: 2009+A11 EN 60601-2-2: 2009	Medical electrical equipment - Part 2-2 Particular safety of high frequency surgical equipment [EMC	•
EN 60601-2-4 EN 60601-2-4: 2011+A1 EN 60601-2-4: 2011 EN 60601-2-4: 2003	Medical electrical equipment - Part 2-4 Particular safety of cardiac defibrillators [EMC sections only	]
EN 60601-2-10 EN 60601-2-10: 2015+A1+A2 EN 60601-2-10: 2015+A1 EN 60601-2-10: 2015 EN 60601-2-10: 2001+A1 EN 60601-2-10: 2001	Medical electrical equipment - Part 2.10 Particular safety of nerve and muscle stimulators [EMC section of the content of the	
EN 60601-2-12: 2006  EN IEC 60601-2-22 EN IEC 60601-2-22: 2020 EN 60601-2-22: 2013	Medical electrical equipment - Part 2-12 Particular safety of lung ventilators - Critical care ventilators Medical electrical equipment - Part 2 Particular re safety of diagnostic and therapeutic laser equipment only]	[EMC sections only] quirements for the
EN 60601-2-24 EN 60601-2-24: 2015 EN 60601-2-24: 1998	Medical electrical equipment – Part 2-24 Particula safety of infusion pumps and controllers [EMC sec	
EN 60601-2-26: 2015	Medical electrical equipment – Part 2-26: Particula the basic safety and essential performance of electric [EMC sections only]	roencephalographs
EN 60601-2-34 EN 60601-2-34: 2014 EN 60601-2-34: 2000	Medical electrical equipment – Part 2-34 Particula safety, including essential performance, of invasiv monitoring equipment [EMC sections only]	e blood pressure
EN 60601-2-37 EN 60601-2-37: 2008+A1 EN 60601-2-37: 2008	Medical electrical equipment – Part 2-37 Particula safety of ultrasonic medical diagnostic and monito [EMC sections only]	ring equipment
EN 60601-2-47 EN 60601-2-47: 2015 EN 60601-2-47: 2001	Medical electrical equipment – Part 2-47 Particula basic safety and essential performance of ambulate electrocardiographic systems [EMC sections only]	ory
EN 60601-2-62 EN 60601-2-62: 2015	Medical electrical equipment – Part 2-62 Particula basic safety and essential performance of high inte ultrasound (HITU) equipment [EMC sections only	ensity therapeutic

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<b>MARIPOSA</b>
EN ISO 80601-2-55 EN ISO 80601-2-55: 2018	Medical electrical equipment. Particular requirements for the basic safety and essential performance of respiratory gas monitors [EMC sections only]	
EN 60730-1 EN 60730-1: 2016+A1+A2 EN 60730-1: 2016+A1 EN 60730-1: 2016 EN 60730-1: 2011	Automatic electrical controls for household and sin General requirements [EMC Sections Only]	
EN IEC 60730-2-9 EN IEC 60730-2-9: 2019+A1+A2 EN IEC 60730-2-9: 2019+A1 EN IEC 60730-2-9: 2019 EN 60730-2-9: 2010	Automatic electrical controls for household and sin Particular requirements	milar use – Part 2
EN 60945 EN 60945: 2002 EN IEC 61000-3-2 EN IEC 61000-3-2: 2019+A1+A2 EN IEC 61000-3-2: 2019+A1 EN IEC 61000-3-2: 2019	Maritime navigation and radio communication equ — General requirements — Methods of testing and r Electromagnetic Compatibility (EMC) — Part 3 Lin Limits for harmonic current emissions (equipment per phase)	required test results mits – Section 2
EN 61000-3-2: 2014 EN 61000-3-3 EN 61000-3-3: 2013+A1+A2 EN 61000-3-3: 2013+A1 EN 61000-3-3: 2013	Electromagnetic Compatibility (EMC) – Part 3 Lin Limitation of voltage fluctuations and flicker in los systems for equipment with rated current ≤ 16 A	
EN 61000-4-2 EN 61000-4-2: 2009 EN IEC 61000-4-3 EN IEC 61000-4-3: 2020 EN 61000-4-3: 2006+A1+A2	Electromagnetic compatibility (EMC) – Part 4-2 T measurement techniques – Electrostatic discharge Electromagnetic compatibility (EMC) – Part 4-3 T measurement techniques – Radiated, radio frequen field immunity test	immunity test Cesting and
EN 61000-4-4 EN 61000-4-4: 2012 EN 61000-4-5 EN 61000-4-5: 2014 +A1 EN 61000-4-5: 2014	Electromagnetic compatibility (EMC) – Part 4-4 T measurement techniques – Electrical fast transient Electromagnetic compatibility (EMC) – Part 4-5 T measurement techniques – Surge immunity test	/burst immunity test
EN IEC 61000-4-6 EN IEC 61000-4-6: 2023 EN 61000-4-6: 2014 EN 61000-4-8 EN 61000-4-8: 2010	Electromagnetic compatibility (EMC) – Part 4-6 T measurement techniques – Immunity to conducted induced by radio-frequency fields  Electromagnetic compatibility (EMC) – Part 4 Tes measurement techniques – Section 8 Power freque immunity test basic EMC publication	disturbances,

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<u>MARIPOSA</u>
EN IEC 61000-4-11 EN IEC 61000-4-11: 2020 EN 61000-4-11: 2004+A1 EN 61000-4-11: 2004	Electromagnetic compatibility (EMC) - Part 4 Test techniques - Section 11 Voltage dips, short interruptions immunity tests	ptions and voltage
EN 61000-4-12 EN 61000-4-12: 2017	Electromagnetic Compatibility (EMC) - Part 4-12: measurement techniques - Ring wave immunity te	
EN 61000-4-13 EN 61000-4-13: 2002 +A1+A2	Electromagnetic compatibility (EMC) - Part 4 Test techniques - Section 13 Harmonics and interharmonics and interharmonics.	onics including mains nity tests
EN 61000-4-16 EN 61000-4-16: 2016	Electromagnetic compatibility (EMC) - Part 4-16: measurement techniques - Test for immunity to co mode disturbances in the frequency range 0 Hz to	nducted, common 150 kHz
EN 61000-4-29 EN 61000-4-29: 2001	Electromagnetic compatibility (EMC) - Part 4-29: measurement techniques - Voltage dips, short intervariations on d.c. input power port immunity tests	rruptions and voltage
EN 61000-4-39 EN 61000-4-39: 2017	Electromagnetic compatibility (EMC) – Part 4-39: measurement techniques – Radiated fields in close Immunity test [9kHz to 26MHz]	proximity –
EN IEC 61000-6-1 EN IEC 61000-6-1: 2019 EN 61000-6-1: 2007	Electromagnetic Compatibility (EMC) Generic sta for residential, commercial and light-industrial env	vironments
EN IEC 61000-6-2 EN IEC 61000-6-2: 2019 EN 61000-6-2: 2005	Electromagnetic Compatibility (EMC) Generic statindustrial environments	ndards immunity for
EN IEC 61000-6-3 EN IEC 61000-6-3: 2021 EN 61000-6-3: 2007+A1 EN 61000-6-3: 2007	Electromagnetic Compatibility (EMC) Emission stresidential, commercial and light-industrial environmental environm	nments
EN IEC 61000-6-4 EN IEC 61000-6-4: 2019 EN 61000-6-4: 2007+A1 EN 61000-6-4: 2007	Electromagnetic Compatibility (EMC) Emission st environments	tandard for industrial
EN IEC 61000-6-8 EN IEC 61000-6-8: 2020	Electromagnetic compatibility (EMC) - Part 6-8: C Emission standard for professional equipment in c industrial locations	ommercial and light-
EN 61131-2 EN 61131-2: 2007	Programmable controllers, Equipment requirement [EMC sections only]	
EN IEC 61204-3 EN IEC 61204-3: 2018 EN 61204-3: 2001	Low voltage power supplies, DC output - Part 3 El Compatibility (EMC)	lectromagnetic
EN IEC 61326-1 EN IEC 61326-1: 2021 EN 61326-1: 2013	Electrical equipment for measurement, control and EMC requirements - Part 1 General requirements	l laboratory use -
EN IEC 61326-2-1 EN IEC 61326-2-1: 2021 EN 61326-2-1: 2013	Electrical equipment for measurement, control and EMC requirements – Part 2-1 Particular requirement configurations, operational conditions and perform sensitive test and measurement equipment for EMC applications.	ents – Test nance criteria for

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<b>MARIPOSA</b>
EN IEC 61326-2-2 EN IEC 61326-2-2: 2021 EN 61326-2-2: 2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-2 Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems.	
EN IEC 61326-2-3 EN IEC 61326-2-3: 2021 EN 61326-2-3: 2013	Electrical equipment for measurement, control and EMC requirements – Part 2-3 Particular requirement configurations, operational conditions and perform transducers with integrated or remote signal conditions.	ents – Test nance criteria for tioning
EN IEC 61326-2-5 EN IEC 61326-2-5: 2021 EN 61326-2-5: 2013	Electrical equipment for measurement, control and EMC requirements - Part 2-5 Particular requirement configurations, operational conditions and perform devices with field bus interfaces according to IEC	nts - Test nance criteria for 61784-1.
EN IEC 61326-2-6 EN IEC 61326-2-6: 2021 EN 61326-2-6: 2013 EN 61326-3-1	Electrical equipment for measurement, control and EMC requirements - Part 2-6 Particular requirement diagnostic (IVD) medical equipment.  Electrical equipment for measurement, control and	nts. In vitro
EN 61326-3-1: 2017	EMC requirements - Part 3-1 Immunity requirements systems and for equipment intended to perform sate (functional safety) - General industrial applications	nts for safety-related fety-related functions
EN IEC 61326-3-2 EN IEC 61326-3-2: 2018 EN 61326-3-2: 2008	Electrical equipment for measurement, control and EMC requirements - Part 3-2 Immunity requirements systems and for equipment intended to perform satisfunctional safety). Industrial applications with spelectromagnetic environment.	nts for safety-related fety-related functions
EN IEC 61547 EN IEC 61547: 2023 EN 61547: 2009	Equipment for general lighting purposes - EMC in	nmunity requirements
EN 61850-3 EN 61850-3: 2014	Communication Networks and Systems in Substati [Section 6.7, excluding tests 10.3, 11.4, 12.6 excluding 5.7.3]	
EN IEC 61851-21-2 EN IEC 61851-21-2: 2021	Electric vehicle conductive charging system - Part vehicle requirements for conductive connection to EMC requirements for off board electric vehicle cl	an AC/DC supply - narging systems
EN IEC 61967-4 EN IEC 61967-4: 2021	Integrated circuits – Measurement of electromagne Measurement of conducted emissions - 1 $\Omega/150\Omega$ method	direct coupling
EN IEC 62040-2 EN IEC 62040-2: 2018 EN 62040-2: 2006+AC	Uninterruptible power systems (UPS) - Part 2 Electrompatibility (EMC) requirements	etromagnetic
EN IEC 62061 EN IEC 62061: 2021+A1 EN IEC 62061: 2021 EN 62061: 2005+A1+A2	Safety of machinery - functional safety of safety re electronic & programmable control systems [2021: Section 6.6, 2005: Section 6.4.3, ref Annex	<i>E</i> ]
EN 62233 EN 62233: 2008 EN IEC 62311 EN IEC 62311: 2020 EN 62311: 2008	Measurement methods for electromagnetic fields of appliances and similar apparatus with regard to hur Assessment of electronic and electrical equipment exposure restrictions for electromagnetic fields (up	man exposure. related to human
L1. 02311. 2000		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<u>MARIPOSA</u>
EN 62479	Assessment of the compliance of low power electronic and electrical	
EN 62479: 2010	equipment with the basic restrictions related to hur electromagnetic fields (10 MHz to 300 GHz)	nan exposure to
EN 300 386	Telecommunication network equipment; ElectroM	agnetic
EN 300 386 v2.2.1	Compatibility (EMC) requirements	agnetic
EN 300 386 v2.1.1	Compationity (Livie) requirements	
EN 300 386 v1.6.1		
EN 301 489-1	ElectroMagnetic Compatibility (EMC) standard fo	r radio equinment
EN 301 489-1 v2.2.3	and services; Part 1: Common technical requireme	
EN 301 489-1 v2.1.1	and services, raivin common technical requirement	1105
EN 301 489-1 v1.9.2		
EN 301 489-2	ElectroMagnetic Compatibility (EMC) standard fo	r radio equipment
EN 301 489-2 v2.1.1	and services Part 2: Specific conditions for radio p	
EN 301 489-3	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-3 v2.3.2	and services Part 3: Specific conditions for Short-F	
EN 301 489-3 v2.1.1	operating on frequencies between 9 kHz and 40 Gl	
EN 301 489-4	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-4 v3.3.1	and services Part 4: Specific conditions for fixed ra	
EN 301 489-4 v3.2.1	ancillary equipment	
EN 301 489-4 v3.1.1		
EN 301 489-4 v2.2.1		
EN 301 489-5	ElectroMagnetic Compatibility (EMC) standard fo	r radio equipment
EN 301 489-5 v2.2.1	and services Part 5: Specific conditions for Private	
	(PMR) and ancillary equipment (speech and non-s	peech) and
	Terrestrial Trunked Radio (TETRA)	
EN 301 489-6	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-6 v2.2.1	and services Part 6: Specific conditions for Digital	Enhanced Cordless
T21 201 100 5	Telecommunications (DECT) equipment	4.
EN 301 489-7	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-7 v1.3.1	and services Part 7: Specific conditions for mobile	•
	and ancillary equipment of digital cellular radio tel	lecommunications
EN 301 489-8	systems (GSM and DCS)	n nodio ognima+
EN 301 489-8 EN 301 489-8 v1.2.1	ElectroMagnetic Compatibility (EMC) standard fo and services Part 8: Specific conditions for GSM b	
EN 301 489-8 VI.2.1 EN 301 489-9	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-9 v2.1.1	and services Part 9: Specific conditions for wireles	
121 301 709-9 V2.1.1	similar Radio Frequency (RF) audio link equipmen	•
	in-ear monitoring devices	n, cordicss audio allu
EN 301 489-10	ElectroMagnetic Compatibility (EMC) standard fo	r radio equipment
EN 301 489-10 v1.3.1	and services Part 10: Specific conditions for First (	
	Second-Generation Cordless Telephone (CT2) equ	
EN 301 489-11	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-11 v1.3.1	and services Part 11: Specific conditions for terrest	
	broadcasting service transmitters	
EN 301 489-12	ElectroMagnetic Compatibility (EMC) standard fo	r radio equipment
EN 301 489-12 v3.2.1	and services Part 12: Specific conditions for Very	
EN 301 489-12 v3.1.1	Terminal, Satellite Interactive Earth Stations opera	
	ranges between 4 GHz and 30 GHz in the Fixed Sa	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<u>MARIPOSA</u>	
EN 301 489-13	ElectroMagnetic Compatibility (EMC) standard for radio equipment		
EN 301 489-13 v1.2.1	and services Part 13: Specific conditions for Citizens' Band (CB) radio		
	and ancillary equipment (speech and non-speech)		
EN 301 489-14	ElectroMagnetic Compatibility (EMC) standard f	or radio equipment	
EN 301 489-14 v1.2.1	and services Part 14: Specific conditions for analogous	ogue and digital	
	terrestrial TV broadcasting service transmitters		
EN 301 489-15	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-15 v2.2.1	and services Part 15: Specific conditions for commercially available		
	amateur radio equipment		
EN 301 489-16	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-16 v1.2.1	and services Part 16: Specific conditions for analogous	ogue cellular radio	
	communications equipment, mobile and portable		
EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-17 v3.2.4	and services Part 17: Specific conditions for Broa	dband Data	
EN 301 489-17 v3.1.1	Transmission Systems		
EN 301 489-17 v2.2.1			
EN 301 489-18	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-18 v1.2.1	and services Part 18: Specific conditions for Terro	estrial Trunked Radio	
	(TETRA) equipment		
EN 301 489-19	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-19 v2.2.1	and services Part 19: Specific conditions for Rece	•	
EN 301 489-19 v2.1.1	Earth Stations (ROMES) operating in the 1,5 GH		
EN 301 489-19 v1.2.1	communications and GNSS receivers operating in		
T21 201 100 20	providing positioning, navigation, and timing data		
EN 301 489-20	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-20 v2.2.1	and services Part 20: Specific conditions for Mob		
EN 301 489-20 v2.1.1	(MES) used in the Mobile Satellite Services (MS)		
EN 301 489-22	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-22 v2.1.1	and services Part 22: Specific conditions for grou		
EN 301 489-22 v1.3.1	mobile and fixed radio equipment; Harmonised S	ElectroMagnetic Compatibility	
EN 301 489-23	ElectroMagnetic Compatibility (EMC) standard f	or radio aguinment	
EN 301 489-23 v1.5.1	and services Part 23: Specific conditions for IMT		
121 V 301 709-23 V1.3.1	Spread (UTRA and E-UTRA) Base Station (BS):		
	ancillary equipment	radio, repeater and	
EN 301 489-24	ElectroMagnetic Compatibility (EMC) standard f	or radio equipment	
EN 301 489-24 v1.5.1	and services Part 24:Specific conditions for IMT-		
21, 301 10, 21 11.3.1	Spread (UTRA and E-UTRA) for Mobile and por		
	ancillary equipment	table (OL) facile and	
EN 301 489-25	ElectroMagnetic Compatibility (EMC) standard f	or radio equipment	
EN 301 489-25 v2.3.2	and services Part 25: Specific conditions for CDM		
3, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	spectrum Mobile Stations and ancillary equipmen		
EN 301 489-26	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-26 v2.3.2	and services Part 26: Specific conditions for CDM	1 1	
	spectrum Base Stations, repeaters and ancillary ed	•	
EN 301 489-27	ElectroMagnetic Compatibility (EMC) standard f		
EN 301 489-27 v2.2.1	and services Part 27: Specific conditions for Ultra		
	Medical Implants (ULP-AMI) and related periphe		
	AMI-P) operating in the 402 MHz to 405 MHz ba		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<b>MARIPOSA</b>
EN 301 489-28	ElectroMagnetic Compatibility (EMC) standard fo	r radio equipment
EN 301 489-28 v1.1.1	and services Part 28: Specific conditions for wirele	
EN 301 489-29	ElectroMagnetic Compatibility (EMC) standard fo	r radio equipment
EN 301 489-29 v2.2.1	and services Part 29: Specific conditions for Medic	cal Data Service
	Devices (MEDS) operating in the 401 MHz to 402	MHz and 405 MHz
	to 406 MHz bands	
EN 301 489-31	ElectroMagnetic Compatibility (EMC) standard fo	2 2
EN 301 489-31 v2.2.1	and services Part 31: Specific conditions for equip	
EN 301 489-31 v2.1.1	315 kHz band for Ultra Low Power Active Medica	
EN 301 489-31 v1.1.1	AMI) and related peripheral devices (ULP-AMI-P	
EN 301 489-33	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-33 v2.2.1	and services Part 33: Specific conditions for Ultra-	Wide Band (UWB)
	communications devices	
EN 301 489-34	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-34 v2.1.1	and services Part 34: Specific conditions for Extern	nal Power Supply
	(EPS) for mobile phones	
EN 301 489-35	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-35 v2.2.1	and services Part 35: Specific requirements for Lo	
	Medical Implants (LP-AMI) operating in the 2 483	3,5 MHz to 2 500
EN 201 400 50	MHz bands	1
EN 301 489-50	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-50 v2.3.1	and services Part 50: Specific conditions for Cellul	
EN 301 489-50 v2.2.1	Base Station (BS), repeater, and ancillary equipme	
EN 301 489-51	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-51 v2.1.1	and services Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25	
	GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz	
	GHz	
EN 301 489-52	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-52 v1.2.1	and services; Part 52: Specific conditions for Cellu	
	User Equipment (UE) radio and ancillary equipme	
EN 301 489-53	ElectroMagnetic Compatibility (EMC) standard fo	* *
EN 301 489-53 v1.1.1	and services Part 53: Specific conditions for terres	
	broadcasting and digital TV broadcasting service t	ransmitters and
T21 201 100 51	associated ancillary equipment	
EN 301 489-54	ElectroMagnetic Compatibility (EMC) standard fo	
EN 301 489-54 v1.1.1	and services; Part 54: Specific conditions for fixed	ground based
	aeronautical and meteorological radars	
EU DIRECTIVES	l	
EU Regulation 167/2013	EU Regulation on the approval and market surveil	lance of agricultural
EU Regulation 2015/208	and forestry vehicles	
EU Regulation 2018/829	-	
EU Regulation 2018/858	EU Regulation on the approval and market surveil	lance of motor
_	vehicles and their trailers, and of systems, compon	
	technical units intended for such vehicles	
EU Regulation 168/2013	EU Regulation on the approval and market surveil	lance of two- or
	three-wheel vehicles and quadricycles	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	MARIPOSA
EU Regulation 2019/2144	EU Regulation on type-approval requirements for motor vehicles and their trailers, and systems, components and separate technical units intended for such vehicles, as regards their general safety and the protection of vehicle occupants and vulnerable road users	
UNITED NATIONS		
UN/ECE Addendum 9 Regulation 10 Rev 6+A1+A2 Rev 6+A1 Rev 6 Rev 5+A1+A2 Rev 5+A1 Rev 5	Concerning the Adoption of Uniform Technical Prescription for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition and Approvals Granted on the Basis of these Prescriptions. Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility [Annexes 4 through 22]	
HAD A GIVIG A DODE		
IMDA SINGAPORE IMDA TS AR: 2016	T. d. d. d. C. A. A. A. A. D. d. F. C.	4
IMDA 18 AR: 2016 IMDA TS CBS: 2023	Technical specification for Amateur Radio Equipn Technical specification for Cellular Base Station a	
IMDA TS CBS. 2025  IMDA TS CT-CTS: 2016	Technical specification for Cordless Telephone and Telecommunication Systems [excluding dect and p	d Cordless
IMDA TS GMPCS: 2016	Technical specification for Global Mobile Personal Communication by Satellite (GMPCS) Terminals	
IMDA TS LMR: 2016	Technical specification for Land Mobile Radio Equipment	
IMDA TS SRD: 2023	Technical specification for Short Range Devices (S	
IMDA TS UWB: 2016	Technical specification for Ultra-Wideband (UWB) Devices	
IMDA TS WBA: 2016	Technical specification for Wireless Broadband Access (WBA) equipment	
INTERNATIONAL		
CISPR 16-2-1 CISPR 16-2-1: 2014 +A1 CISPR 16-2-1: 2014 CISPR 16-2-1: 2014 CISPR 16-2-1: 2008+A1 CISPR 16-2-1: 2008+A1 CISPR 16-2-1: 2008 CISPR 16-2-1: 2003+A1 CISPR 16-2-1: 2003	Specification for radio disturbance and immunity rand methods — Part 2-1: Methods of measuremen immunity — Conducted disturbance measurement	t of disturbances and
CISPR 16-2-2 CISPR 16-2-2: 2010 CISPR 16-2-2: 2003+A1+A2 CISPR 16-2-2: 2003+A1 CISPR 16-2-2: 2003	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<b>MARIPOSA</b>
CISPR 16-2-3	Specification for radio disturbance and immunity r	neasuring apparatus
CISPR 16-2-3:	and methods - Part 2-3: Methods of measurement	of disturbances and
2016+A1+A2	immunity - Radiated disturbance measurements	
CISPR 16-2-3: 2016+A1		
CISPR 16-2-3: 2016		
CISPR 16-2-3:		
2010+A1+A2		
CISPR 16-2-3: 2010+A1		
CISPR 16-2-3: 2010		
CISPR 16-2-3:		
2003+A1+A2		
CISPR 16-2-3: 2003+A1		
CISPR 16-2-3: 2003		
IACS UR E10	Requirements concerning Electrical and Electronic	
IACS UR E10 r10: 2023	Specification for Type Approval [Sections 3, 4, 9,	10, 13, 14, 15, 16,
IACS UR E10 r09: 2023	17, 18, 19, & 20]	
IACS UR E10 r08: 2021		
IEC 60034-1: 2010	Rotating electrical machines – Part 1 [Section 13]	
IEC 60533	Electromagnetic compatibility of electrical and ele	ectronic installations
IEC 60533: 2015	in ships	
IEC 60533: 1999		
IEC 60601-1-2	Medical electrical equipment – Part 1 General requ	
IEC 60601-1-2: 2014+A1	- Collateral standard - Electromagnetic compatibi	lity – Requirements
IEC 60601-1-2: 2014	and tests	
IEC 60601-1-2: 2007		
IEC 60601-2-2	Medical electrical equipment – Part 2-2 Particular	
IEC 60601-2-2: 2017	safety of high frequency surgical equipment [EMC	[sections only]
IEC 60601-2-2: 2009		
IEC 60601-2-4	Medical electrical equipment – Part 2-4 Particular safety of cardiac defibrillators [EMC sections only	]
IEC 60601-2-10	Medical electrical equipment – Part 2.10 Particular safety of nerve and muscle stimulators [EMC section 1]	
IEC 60601-2-12: 2001	Medical electrical equipment – Part 2-12 Particula	
	safety of lung ventilators - Critical care ventilators	s [EMC sections only]
IEC 60601-2-22	Medical electrical equipment – Part 2-22: Particula	
IEC 60601-2-22: 2019	the safety of diagnostic and therapeutic laser equip	oment [EMC sections
IEC 60601-2-22: 2007+A1	only]	
IEC 60601-2-24	Medical electrical equipment – Part 2-24 Particula safety of infusion pumps and controllers [EMC sec	
IEC 60601-2-26: 2012	Medical electrical equipment – Part 2-26: Particula	
	the basic safety and essential performance of electrons	
	[EMC sections only]	1 0 1
IEC 60601-2-34	Medical electrical equipment – Part 2-34: Particula	ar requirements for
	the basic safety and essential performance of invas	•
	monitoring equipment [EMC sections only]	1
IEC 60601-2-37	Medical electrical equipment – Part 2-37 Particula	r requirements for the
	basic safety and essential performance of ultrasoni	
	and monitoring equipment [EMC sections only]	0
_	and monitoring equipment [EMC sections only]	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	MARIPOSA
IEC 60601-2-47	Medical electrical equipment – Part 2-47 2 Particular requirements for	
	the safety, including essential performance, of amb	
	electrocardiographic systems. [EMC sections only]	
IEC 60601-2-62	Medical electrical equipment – Part 2-62 Particular requirements for the	
	basic safety and essential performance of high inte	
	ultrasound (HITU) equipment [EMC sections only	
ISO 80601-2-55	Medical electrical equipment. Particular requirement	
ISO 80601-2-55: 2018	safety and essential performance of respiratory gas	s monitors
HEG (0520 1	[EMC sections only]	11 D + 1
IEC 60730-1	Automatic electrical controls for household and sin	milar use – Part I
IEC (0720 2 0	General requirements [EMC Sections Only]	1 D + 2
IEC 60730-2-9	Automatic electrical controls for household and sin	milar use – Part 2:
IEC 60945	Particular requirements  Maritime navigation and radio communication equ	.:
IEC 60945: 2002	- General requirements - Methods of testing and r	1
IEC 60943: 2002	Electromagnetic capability (EMC) – Part 6-1 General requirements – Methods of testing and r	
IEC 61000-6-1: 2016	Immunity for residential, commercial, and light-in-	
IEC 61000-6-1. 2010	Electromagnetic Capability (EMC) – Part 6-2 Gen	
IEC 61000-6-2: 2016	Immunity for industrial environments	cric Standards –
IEC 61000-6-3	Electromagnetic Capability (EMC) – Part 6-3 Gen	eric Standards –
IEC 61000-6-3: 2020	Emissions standard for residential, commercial, an	
IEC 61000-6-3: 2006+A1	environments	a nghi maasirar
IEC 61000-6-4	Electromagnetic Capability (EMC) – Part 6-4 Gen	eric Standards –
IEC 61000-6-4: 2018	Immunity for residential, commercial, and light-industrial environments	
IEC 61000-6-4: 2006+A1		
IEC 61000-6-8	Electromagnetic compatibility (EMC) – Part 6-8: 0	Generic standards –
IEC 61000-6-8: 2020	Emission standard for professional equipment in co	
	industrial locations	
IEC 61326-1	Electrical equipment for measurement, control and	l laboratory use –
IEC 61326-1: 2020	EMC requirements – Part 1 General requirements	
IEC 61326-1: 2012		
IEC 61326-1: 2005		
IEC 61326-2-1	Electrical equipment for measurement, control and	
IEC 61326-2-1: 2020	EMC requirements - Part 2-1 Particular requirement	
IEC 61326-2-1: 2012	configurations, operational conditions and perform	
IEC 61326-2-1: 2005	sensitive test and measurement equipment for EM	unprotected
IEC 61226 2 2	applications	1 1ah anatamy
IEC 61326-2-2 IEC 61326-2-2: 2020	Electrical equipment for measurement, control and	2
IEC 61326-2-2: 2020 IEC 61326-2-2: 2012	EMC requirements – Part 2-2 Particular requirements – Test configurations, operational conditions and performance criteria for	
IEC 61326-2-2: 2012 IEC 61326-2-2: 2005	portable test, measuring and monitoring equipmen	
110 01320-2-2. 2003	distribution systems	i asea iii iow-voitage
IEC 61326-2-3	Electrical equipment for measurement, control and	l laboratory use –
IEC 61326-2-3: 2020	EMC requirements – Part 2-3 Particular requireme	
IEC 61326-2-3: 2012	configurations, operational conditions and perform	
IEC 61326-2-3: 2006	transducers with integrated or remote signal condit	
1LC 01320-2-3, 2000	anisouccis with integrated of femote signal collection	nonnig

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	MARIPOSA
IEC 61326-2-5	Electrical equipment for measurement, control and	l laboratory use –
IEC 61326-2-5: 2020	EMC requirements – Part 2-5 Particular requirements	ents – Test
IEC 61326-2-5: 2012	configurations, operational conditions and performance criteria for	
IEC 61326-2-5: 2006	devices with field bus interfaces according to IEC	
IEC 61326-2-6	Electrical equipment for measurement, control and	l laboratory use –
IEC 61326-2-6: 2020	EMC requirements – Part 2-6 Particular requirements	ents. – Test
IEC 61326-2-6: 2012	configurations, operational conditions and perform	nance criteria In vitro
IEC 61326-2-6: 2005	diagnostic (IVD) medical equipment.	
IEC 61326-3-1	Electrical equipment for measurement, control and	
IEC 61326-3-1: 2017	EMC requirements - Part 3-1 Immunity requireme	
IEC 61326-3-1: 2008	systems and for equipment intended to perform sai	
	(functional safety) - General industrial application	
IEC 61326-3-2	Electrical equipment for measurement, control and	
IEC 61326-3-2: 2017	EMC requirements - Part 3-2 Immunity requireme	•
IEC 61326-3-2: 2008	systems and for equipment intended to perform sat	
	(functional safety). Industrial applications with sp	ecified
	electromagnetic environment.	
IEC 61547	Equipment for general lighting purposes - EMC in	nmunity requirements
IEC 61547: 2020		
IEC 61850-3	Communication Networks and Systems in Substat	ions
IEC 61850-3: 2013	[Section 6.7, excluding tests 10.3, 11.4, 12.6]	
IEC 61851-21-2	Electric vehicle conductive charging system - Part	
IEC 61851-21-2: 2018	vehicle requirements for conductive connection to	
	EMC requirements for off board electric vehicle cl	
IEC 61967-4	Integrated circuits – Measurement of electromagne	
IEC 61967-4: 2021	Measurement of conducted emissions - 1 $\Omega/150\Omega$	direct coupling
IEC 62040-2	method	.4
IEC 62040-2	Uninterruptible power systems (UPS) - Part 2 Elec	ctromagnetic
IEC 62040-2: 2016 IEC 62061	compatibility (EMC) requirements  Safety of machinery - functional safety of safety re	alatad alaatriaal
IEC 62061: 2021+A1	electronic & programmable control systems	elated electrical,
IEC 62061: 2021+A1	([2021: Section 6.6, 2005: Section 6.4.3]	
ISO 22200: 2009	Electromagnetic compatibility — Product family s	standard for lifts
130 22200. 2009	escalators and moving walks — Immunity	standard for fifts,
	escalators and moving warks — minimity	
JAPAN	1	
JIS C 61326-1	Electrical equipment for measurement, control and	l laboratory use -
315 € 01320 1	Electromagnetic compatibility (EMC) requirement	
	requirements	is Turt I. General
VCCI-CISPR 32	Electromagnetic compatibility of multimedia equi	nment - Emission
VCCI-CISPR 32: 2016	Requirements	ATTION THISSION
, 501 0151 10 32. 2010	100quironiono	
KOREA, REPUBLIC OF	1	
KS C 9811	CISPR 11: 2015 +A1	
KS C 9814-1	CISPR 14-1: 2020 [excluding clicks]	
KS C 9814-2	CISPR 14-2: 2020	
KS C 9815	CISPR 15: 2018	
KS C 9832	CISPR 32: 2015	
11.5 0 70.52	010110 32. 2013	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	MARIPOSA	
KS C 9835	CISPR 35: 2016	1	
KS B 6955	EN 12015: 2013		
KS B 6945	EN 12016: 2013		
KS X 3124	EN 301 489-01 v2.1.1		
KS X 3137	EN 301 489-02 v1.3.1		
KS X 3125	EN 301 489-03 v1.6.1		
KS X 3127	EN 301 489-05 v1.3.1		
KS X 3128	EN 301 489-06 v1.4.1		
KS X 3129	EN 301 489-52 v1.1.0		
KS X 3130	EN 301 489-09 v1.4.1		
KS X 3131	EN 301 489-13 v1.2.1		
KS X 3136	EN 301 489-15 v2.1.1		
KS X 3126	EN 301 489-17 v2.1.1		
KS X 3132	EN 301 489-18 v1.3.1		
KS X 3139	EN 301 489-20 v1.2.1		
KS X 3134	EN 301 489-27 v2.1.1		
KS X 3138	EN 301 489-32 v1.1.1		
KS X 3135	EN 301 489-50 v2.1.1		
KS C IEC 60601-1-2	IEC 60601-1-2: 2014+A1		
KS C IEC 60601-1-2: 2012	IEC 60601-1-2: 2007		
KS X 3140	IEC 60945: 2002; IEC 60533: 1999		
KS C 9610-6-1	IEC 61000-6-1: 2016		
KS C 9610-6-2	IEC 61000-6-2: 2016		
KS C 9610-6-3	IEC 61000-6-3: 2006+A1		
KS C 9610-6-4	IEC 61000-6-4: 2018		
KS C 9547	IEC 61547: 2009		
KS C 9040-2	IEC 62040-2: 2005		
TAIWAN / CHINESE TAIPEI			
CNS 13803	Limits and methods of measurement of electromag	gnetic disturbance	
CNS 13803: 2018	characteristics of industrial, scientific and medical	(ISM) radio-	
	frequency equipment		
CNS 14757-2	Uninterruptible power systems (UPS) - Part 2: Electromagnetic		
CNS 14757-2: 2019	compatibility (EMC) requirements		
CNS 15936	Electromagnetic compatibility of multimedia equipment – Emissions		
CNS 15936: 2016	requirements		
LP0002	Low-power Radio-frequency Devices Technical R	egulations	
LP0002: 2024	[excluding SAR]		
RTTE01	2.4GHz Radio-frequency Telecommunications terminal equipment		
RTTE01: 2020	technical specification		
VIETNAM			
TCVN 7189: 2009	Information technology equipment - Radio disturb	ance characteristics	
1 C V 1 V / 109. 2009	Limits and methods of measurement	ance characteristics -	
TCVN 7317: 2003	Information technology equipment - Immunity cha	aracteristics - Limits	
10111,511.2005	and methods of measurement	ALACONIONEO LINNO	
L	and manifest of measurathem		

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<b>MARIPOSA</b>
QCVN 118: 2018/BTTTT	National technical regulation on Electromagnetic compatibility of	
	multimedia equipment - Emission requirements	
UNITED STATES		
47 CFR Part 11	Emergency alert system (EAS)	
47 CFR Part 15	Radio frequency devices	
47 CFR Part 18	Industrial, scientific and medical equipment	
47 CFR Part 20	Commercial mobile services [excluding HAC]	
47 CFR Part 22	Public mobile services	
47 CFR Part 24	Personal communications services	
47 CFR Part 25	Satellite communications	
47 CFR Part 27	Miscellaneous wireless communication services	
47 CFR Part 30	Upper microwave flexible use service	
47 CFR Part 73	Radio broadcast services	
47 CFR Part 74	Experimental radio, auxiliary, and special broadcast and other program	
	distributional services	
47 CFR Part 80	Stations in the maritime services	
47 CFR Part 87	Aviation services	
47 CFR Part 90	Private land mobile radio services	
47 CFR Part 95	Personal radio services	
47 CFR Part 96	Citizens broadband radio services	
47 CFR Part 97	Amateur radio services	
47 CFR Part 101	Fixed microwave services	
ANSI RESNA WC-2: 2009	Electrically powered wheelchairs, scooters and the	ir chargers -
	requirements and test methods [Section 21 only]	
Telcordia GR-1089-CORE	Electromagnetic Compatibility and Electrical Safet	
2017	for Network Telecommunications Equipment. [Sec	ctions: 2, 3, & 4]

<sup>&</sup>lt;sup>1</sup>This accreditation covers testing performed at the main laboratory listed above, and at the four satellite laboratories indicated below:

## 1120 Fulton Place Fremont, CA 94539

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT		
	Core Measurement Methods:		
RADIATED / CONDUCTED	<u>D EMISSIONS</u>		
ANSI C63.4 ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz		
CISPR 11 CISPR 11: 2015+A1+A2 CISPR 11: 2015+A1 CISPR 11: 2015 CISPR 11: 2009+A1 CISPR 11: 2009 CISPR 11: 2003	Industrial, scientific and medical (ISM) radio-frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement		
CISPR 14-1 CISPR 14-1: 2020 CISPR 14-1: 2016 CISPR 14-1: 2005+A1 CISPR 14-1: 2005	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1 Emission [excluding clicks]		
CISPR 15 CISPR 15: 2018	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment		
CISPR 22: 2008 CISPR 22: 2005+A1+A2 CISPR 22: 2005+A1 CISPR 22: 2005	Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement [table top equipment only for testing above 1 GHz]		
CISPR 32 CISPR 32: 2015+A1 CISPR 32: 2015 CISPR 32: 2012+C1+C2	Electromagnetic compatibility of multimedia equipment - Emission Requirements		
ICES-001	Industrial, Scientific and Medical (ISM) radio frequency generators		
ICES-003	Information Technology Equipment (ITE) - Limits and methods of measurement		
ICES-004	Alternating current high voltage power systems		
ICES-005	Radio frequency lighting devices		
ICES-006	AC Wire Carrier Current Devices (Unintentional Radiators)		
ICES-GEN	General Requirements for Compliance of Interference-Causing Equipment		
IEC 61000-3-2 IEC 61000-3-2: 2018+A1+A2 IEC 61000-3-2: 2018+A1 IEC 61000-3-2: 2018	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 2 Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
IEC 61000-3-3	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 3 –	
IEC 61000-3-3:	Limitation of voltage fluctuations and flicker in low-voltage supply	
2013+A1+A2	systems for equipment with rated current $\leq 16 \text{ A}$	
IEC 61000-3-3: 2013+A1	^ ^	
IEC 61000-3-3: 2013		
FCC MP-5: 1986	Methods of measurements of radio noise emissions from industrial,	
	scientific and medical equipment	
IMMUNITY	1	
CISPR 14-2	Electromagnetic compatibility - Requirements for household appliances,	
CISPR 14-2: 2020	electric tools, and similar apparatus - Part 2 Immunity - Product family	
CISPR 14-2: 2015	standard	
CISPR 14-2:1997+A1+A2	Standard	
CISPR 14-2:1997+A1		
CISPR 14-2:1997 CISPR 14-2:1997		
CISPR 14-2:1997 CISPR 24: 2010+A1	Information technology equipment - Immunity characteristics - Limits	
CISPR 24: 2010+A1 CISPR 24: 2010	and methods of measurement	
CISPR 24: 2010 CISPR 24: 1997+A1+A2	and methods of measurement	
CISPR 24: 1997+A1+A2 CISPR 24: 1997+A1		
CISPR 24: 1997	Electron and a competitive of continue to the first terms of the first	
CISPR 35	Electromagnetic compatibility of multimedia equipment - Immunity	
CISPR 35: 2016	requirements	
ENV 50204: 1996	Radiated electromagnetic field from digital radio telephones - immunity	
HDG (1002 + 2	test (900 MHz, 5 MHz keyed carrier)	
IEC 61000-4-2	Electromagnetic compatibility (EMC) – Part 4-2 Testing and	
IEC 61000-4-2: 2008	measurement techniques – Electrostatic discharge immunity test	
IEC 61000-4-2:		
1995+A1+a2	FI ( CITE (FIXO) D (ACT )	
IEC 61000-4-3	Electromagnetic compatibility (EMC) – Part 4-3 Testing and	
IEC 61000-4-3: 2020	measurement techniques – Radiated, radio-frequency, electromagnetic	
IEC 61000-4-3:	field immunity test	
2006+A1+A2		
IEC 61000-4-3: 2006+A1		
IEC 61000-4-3: 2006		
IEC 61000-4-4	Electromagnetic compatibility (EMC) – Part 4-4 Testing and	
IEC 61000-4-4: 2012	measurement techniques – Electrical fast transient/burst immunity test	
IEC 61000-4-4: 2004+A1		
IEC 61000-4-4: 2004		
IEC 61000-4-5	Electromagnetic compatibility (EMC) – Part 4-5 Testing and	
IEC 61000-4-5: 2014+A1	measurement techniques – Surge immunity test	
IEC 61000-4-5: 2014		
IEC 61000-4-5: 2005		
IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6 Testing and	
IEC 61000-4-6: 2023	measurement techniques – Immunity to conducted disturbances, induced	
IEC 61000-4-6: 2013	by radio-frequency fields	
IEC 61000-4-6: 2008		
IEC 61000-4-6: 2003+A1		
IEC 61000-4-6: 2003		
IEC 61000-4-6: 1996+A1		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	FREMONT
IEC 61000-4-8	Electromagnetic compatibility (EMC) – Part 4 T	
IEC 61000-4-8: 2009	techniques – Section 8 Power frequency magnetic field immunity test	
IEC 61000-4-8: 1993+A1	basic EMC publication	
IEC 61000-4-8: 1993	•	
IEC 61000-4-11	Electromagnetic compatibility (EMC) – Part 4 T	esting and measuring
IEC 61000-4-11: 2020	techniques – Section 11 Voltage dips, short inter	
IEC 61000-4-11: 2004+A1	variations immunity tests	
IEC 61000-4-11: 2004		
IEC 61000-4-11: 1994+A1		
IEC 61000-4-11: 1994		
IEC 61000-4-12	Electromagnetic Compatibility (EMC) – Part 4-1	12: Testing and
IEC 61000-4-12: 2017	measurement techniques – Ring wave immunity test	
IEC 61000-4-13	Electromagnetic compatibility (EMC) – Part 4-13 Testing and	
IEC 61000-4-13:	measurement techniques – Harmonics and interharmonics including	
2002+A1+A2	mains signaling at A.C. power port, low frequency immunity tests	
IEC 61000-4-16	Electromagnetic compatibility (EMC) - Part 4-19	
IEC 61000-4-16: 2015	measurement techniques - Test for immunity to	
1LC 01000-4-10. 2015	mode disturbances in the frequency range 0 Hz t	
IEC 61000-4-29	Electromagnetic compatibility (EMC) - Part 4-2	
IEC 61000-4-29: 2000	measurement techniques - Voltage dips, short in	
ILC 01000-4-27. 2000	variations on d.c. input power port immunity tes	
IEC 61000-4-39	Electromagnetic compatibility (EMC) – Part 4-39: Testing and	
IEC 61000-4-39: 2017	measurement techniques – Radiated fields in close proximity – Immunity	
ILC 01000-4-37. 2017	test [9 kHz to 26 MHz]	se proximity – minumity
	(CSL [ 7 K112 10 20 W1112 ]	
<u>AUTOMOTIVE</u>		
CISPR 25	Radio disturbance characteristics for the protecti	on of receivers used on
CISPR 25: 2021	board vehicles, boats, and on devices - Limits and methods of	
CISPR 25: 2016	measurement	
CISPR 25: 2008	[2021: excluding sections 5 and 6.6]	
CISPR 25: 2002	[2016: excluding sections 5, 6.6 and 6.7]	
	[2008: excluding sections 5, 6.5 and 6.6]	
	[2002: excluding sections 5 and 6.5]	
ISO 7637-1: 1990	Road vehicles - Electrical disturbance by conduction	ction and coupling - Part 1
	Passenger cars and light commercial vehicles wi	
	voltage - Electrical transient conduction along su	
ISO 7637-2: 1990	Road vehicles - Electrical disturbance by conduc	
	Commercial vehicles with nominal 24 V supply	1 0
	transient conduction along supply lines only	
ISO 7637-2	Road vehicles - Electrical disturbances from conduction and coupling -	
ISO 7637-2: 2011	Part 2: Electrical transient conduction along supply lines only	
ISO 7637-2: 2011	2 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	7-1, 1111 <b>0</b> 5 01111
ISO 7637-2: 2004		
ISO 7637-3	Road vehicles - Electrical disturbances from con	duction and counling -
ISO 7637-3: 2016	Road vehicles - Electrical disturbances from conduction and coupling - Part 3: - Electrical transient transmission by capacitive and inductive	
ISO 7637-3: 2010	coupling via lines other than supply lines	actore and manerive
150 /05/-5.200/	Coupling via filles office than supply filles	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
ISO 10605	Road vehicles - Test methods for electrical disturbances from electrostatic	
ISO 10605: 2023	discharge	
ISO 10605: 2008+A1		
ISO 10605: 2008		
ISO 10605: 2001		
ISO 11452-2	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-2: 2019	narrowband radiated electromagnetic energy - Part 2 Absorber-lined	
ISO 11452-2: 2004	shielded enclosure	
ISO 11452-4	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-4: 2020	narrowband radiated electromagnetic energy - Part 4: Harness excitation	
ISO 11452-4: 2011	methods (BCI method only)	
ISO 11452-4: 2005	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-4: 2001	narrowband radiated electromagnetic energy - Part 4 Bulk current injection (BCI)	
ISO 11452-5	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-5: 2002	narrowband radiated electromagnetic energy - Part 5: Stripline	
ISO 11452-7	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-7: 2003+A1	narrowband radiated electromagnetic energy - Part 7: Direct radio	
ISO 11452-7: 2003	frequency (RF) power injection	
ISO 11452-8	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-8: 2015	narrowband radiated electromagnetic energy - Part 8 Immunity to	
ISO 11452-8: 2007	magnetic fields	
ISO 11452-9	Road vehicles — Component test methods for electrical disturbances	
ISO 11452-9: 2021	from narrowband radiated electromagnetic energy — Part 9: Portable	
ISO 11452-9: 2012	transmitters	
ISO 11452-10	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-10: 2009	narrowband radiated electromagnetic energy - Part 10 Immunity to	
	conducted disturbances in the extended audio frequency range	
ISO 13766-1	Earth-moving and building construction machinery - Electromagnetic	
ISO 13766-1: 2018	compatibility (EMC) of machines with internal electrical power supply -	
	Part 1: General EMC requirements under typical electromagnetic	
	environmental conditions	
ISO 13766-2	Earth-moving and building construction machinery - Electromagnetic	
ISO 13766-2: 2018	compatibility (EMC) of machines with internal electrical power supply -	
	Part 2: Additional EMC requirements for functional safety	
ISO 13766: 2006	Earth-moving machinery - Electromagnetic compatibility	
ISO 14982: 1998	Agricultural and forestry machinery - Electromagnetic compatibility -	
	Test methods and acceptance criteria	
ISO 16750-2	Road vehicles Environmental conditions and testing for electrical and	
ISO 16750-2: 2023	electronic equipment Part 2: Electrical loads	
ISO 16750-2: 2012	[excluding 4.11 & 4.12]	
ISO 16750-2: 2010		
SAE J1113-2: 2010	Electromagnetic compatibility measurement procedures and limits for	
SAE J1113-2: 2004	vehicle components (except aircraft) - conducted immunity,	
	(15 Hz to 250 kHz) - all leads	
SAE J1113-4	Immunity to radiated electromagnetic fields –	
SAE J1113-4: 2020	Bulk current injection (BCI) method	
SAE J1113-4: 2014		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT
SAE J1113-11	Immunity to conducted transients on power leads
SAE J1113-11: 2023	
SAE J1113-11: 2018	
SAE J1113-11: 2017	
SAE J1113-11: 2012	
SAE J1113-11: 2007	
SAE J1113-12	Electrical interference by conduction and coupling - capacitive and
SAE J1113-12: 2022	inductive coupling via lines other than supply lines
SAE J1113-12: 2017	
SAE J1113-12: 2006	
SAE J1113-13	Electromagnetic compatibility measurement procedure for vehicle
SAE J1113-13: 2015	components - Part 13 immunity to electrostatic discharge
SAE J1113-13: 2011	
SAE J1113-13: 2004	
SAE J1113-21: 2013	Electrical interference by conduction and coupling - coupling clamp and
SAE J1113-21: 2005	chattering relay
SAE J1113-22: 2010	Electromagnetic compatibility measurement procedure for vehicle
SAE J1113-22: 2003	components - Part 22 - immunity to radiated magnetic fields
SAE J1113-26	Electromagnetic compatibility measurement procedure for vehicle
SAE J1113-26: 2021	components -Part 26 - immunity to AC power lines electric fields
SAE J1113-26: 2014	compensation 1 may 20 minimum y to 110 period minor occurre more
SAE J1113-26: 2013	
SAE J1113-26: 2006	
SAE J1113-41: 2006	Limits and methods of measurement of radio disturbance characteristics
SAE J1113-41: 2000	of components and modules for the protection of receivers used on board
21201110 1112000	vehicles
SAE J1455	Joint SAE/TMC recommended environmental practices for electronic
SAE J1455: 2017	equipment design (heavy-duty trucks)
SAE J1455: 2012	[Sections: 4.13.1, 4.13.2, & 4.13.3]
SAE J1752-3	(R) Measurement of radiated emissions from integrated circuits -
SAE J1752-3: 2017	TEM/wideband TEM (GTEM) cell method; TEM cell
	(150 kHz to 1 GHz), wideband TEM cell (150 kHz to 8 GHz)
	[up to 3 GHz]
ENERGY GRID / EV	
IEEE 1613: 2009	Environmental and Testing Requirements for Communications
	Networking Devices Installed in Electric Power Substations
UL 991	Tests for Safety-Related Controls Employing Solid-State Devices
UL 991: 2010	[Sections: 11, 13, 14.3, 14.7, 14.8, 14.9, 14.10, 15]
UL 2202	Standard for Safety, Electric Vehicle (EV) Charging System Equipment
UL 2202: 2022	[Sections: 37.2(c), 37.2(d)]
UL 2231-2: 2016	Standard for Safety, Personnel Protection Systems for Electric Vehicle
	(EV) Supply Circuits [Sections: 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9, &
	24.10]
UL 9540: 2020	Standard for Safety, Energy Storage Systems and Equipment
	[Section: 32]
MARITIME	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<b>FREMONT</b>
DNV-CG-0339	Class Guideline: Environmental test specifi	cation for electrical, electronic
DNV-CG-0339: 2021	and programmable equipment and systems.	
DNVGL-CG-0339: 2019	[Sections 3.4, 3.5, 3.12, 3.13, & 3.14]	
DNVGL-CG-0339: 2016		
MILITARY / AEROSPACE	2	
MIL-STD-461A/B/C,	Electromagnetic emission and susceptibility	y requirements for the control
Using the methods of Mil-STD-462	of electromagnetic interference: [Emissions: CE01, CE02, CE03, CE04, CE05, CE06, CE07, RE01, RE02, RE03]	
	[Susceptibility: CS01, CS02, CS03, CS04, CCS09, CS10, CS11, CS12, RS01, RS02, RS0	
MIL-STD-461D	Electromagnetic emission and susceptibility requirements for the control	
Using the methods of	of electromagnetic interference:	
MIL-STD-462D	[Emissions: CE101, CE102, CE106, RE101	l, RE102, RE103]
	[Susceptibility: CS101, CS103, CS104, CS1 CS116, RS101, RS103]	105, CS109, CS114, CS115,
MIL-STD-461E	Electromagnetic emission and susceptibility	y requirements for the control
	of electromagnetic interference:	
	[Emissions: CE101, CE102, CE106, RE101	
	[Susceptibility: CS101, CS103, CS104, CS1	105, CS109, CS114, CS115,
	CS116, RS101, RS103]	
MIL-STD-461F	Electromagnetic emission and susceptibility requirements for the control	
	of electromagnetic interference:	
	[Emissions: CE101, CE102, CE106, RE101	
	[Susceptibility: CS101, CS103, CS104, CS1	05, CS106, CS109, CS114,
) (III ) (III ) (III )	CS115, CS116, RS101, RS103]	
MIL-STD-461G	Electromagnetic emission and susceptibility requirements for the control	
	of electromagnetic interference:	1 DE103 DE1031
	[Emissions: CE101, CE102, CE106, RE101	=
	[Susceptibility: CS101, CS103, CS104, CS1 CS116, CS117, CS118, RS101, RS103]	03, CS109, CS114, CS113,
MIL-STD-704F	Aircraft Electrical Power Characteristics	
MIL-STD-704E		
MIL-STD-704D		
MIL-STD-704C		
MIL-STD-704B		
MIL-STD-704A		
MIL-STD-704		
MIL-HDBK-704-2	Guidance for Test Procedures for Demonstr	ration of Utilization Equipment
	Compliance to Aircraft Electrical Power Ch 400Hz, 115VAC	
MIL-HDBK-704-3	Guidance for Test Procedures for Demonstr	ration of Utilization Equipment
112 112 112 11	Compliance to Aircraft Electrical Power Ch 400Hz, 115VAC	
MIL-HDBK-704-4	Guidance for Test Procedures for Demonstration of Utilization Equipment	
	Compliance to Aircraft Electrical Power Ch	
	Variable Frequency, 115VAC	<i>2</i>

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
MIL-HDBK-704-5	Guidance for Test Procedures for Demonstration of Utilization Equipment	
	Compliance to Aircraft Electrical Power Characteristics – Three Phase,	
	Variable Freugency, 115VAC	
MIL-HDBK-704-6	Guidance for Test Procedures for Demonstration of Utilization Equipment	
111111111111111111111111111111111111111	Compliance to Aircraft Electrical Power Characteristics – Single Phase,	
	60Hz, 115VAC	
MIL-HDBK-704-7	Guidance for Test Procedures for Demonstration of Utilization Equipment	
WIIL-11DDK-704-7	Compliance to Aircraft Electrical Power Characteristics – 270VDC	
MIL LIDDIZ 704 0		
MIL-HDBK-704-8	Guidance for Test Procedures for Demonstration of Utilization Equipment	
PEGA /DO 160G	Compliance to Aircraft Electrical Power Characteristics – 28VDC	
RTCA/DO-160C	Environmental conditions and test procedures of airborne equipment.	
	[Sections: 15, 16, 17, 18, 19, 20, 21, & 22]	
RTCA/DO-160D/E/F/G	Environmental conditions and test procedures of airborne equipment.	
	[Sections: 15, 16, 17, 18, 19, 20, 21, 22, & 25]	
RTCA/DO-380	Environmental conditions and test procedures for ground-based	
	equipment. [Sections: 16, 19, 20, 21, 22, 25]	
RADIO / WIRELESS		
ANSI C63.10	American National Standard for Testing Unlicensed Wireless Devices	
ANSI C63.10: 2020	Timetream Patricinal Standard for Testing Chinesissa Williams	
ANSI C63.10: 2013		
ANSI C63.17	American National Standard for Methods of Measurement of the	
ANSI C63.17: 2013	Electromagnetic and Operational Compatibility of Unlicensed Personal	
ANSI C03.17. 2013	Communications Services (UPCS) Devices	
ANSI C63.26	American National Standard for Compliance Testing of Transmitters	
ANSI C63.26: 2015		
ANSI C63.30	Used in Licensed Radio Services	
	American National Standard for Methods of Measurements of Radio-	
ANSI C63.30: 2021	Frequency Emissions from Wireless Power Transfer Equipment	
ANSI/TIA-603E	Land mobile FM or PM communications equipment measurement and	
TIA-102.CAAA-E	performance standards	
FCC KDB 905462 D02	U-NII with DFS Intentional Radiators	
FCC KDB 905462 D02 v02		
EN 300 086	Land Mobile Service; Radio equipment with an internal or external RF	
EN 300 086 v2.1.2	connector intended primarily for analogue speech	
EN 300 113	Land Mobile Service; Radio equipment intended for the transmission of	
EN 300 113 v3.1.1	data (and/or speech) using constant or non-constant envelope modulation	
EN 300 113 v2.2.1	and having an antenna connector	
EN 300 219	Land Mobile Service; Radio equipment transmitting signals to initiate a	
EN 300 219 v2.1.1	specific response in the receiver	
EN 300 220-1	Short Range Devices (SRD) operating in the frequency range 25 MHz to	
EN 300 220-1 v3.1.1	1 000 MHz; Part 1: Technical characteristics and methods of	
	measurement	
EN 300 220-2	Short Range Devices (SRD) operating in the frequency range 25 MHz to	
EN 300 220-2 v3.2.1	1 000 MHz; Part 2: Harmonised Standard for access to radio spectrum for	
EN 300 220-2 v3.2.1 EN 300 220-2 v3.1.1	non-specific radio equipment	
LIN JUU 22U-2 VJ.1.1	non-specific radio equipment	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	FREMONT
EN 300 220-3-1	Short Range Devices (SRD) operating in the fre	
EN 300 220-3-1 v2.1.1	1 000 MHz; Part 3-1: Low duty cycle high reliability equipment, social	
	alarms equipment operating on designated frequ	encies,
	869,200 MHz to 869,250 MHz	
EN 300 220-3-2	Short Range Devices (SRD) operating in the free	
EN 300 220-3-2 v1.1.1	1 000 MHz; Part 3-2: Wireless alarms operating in designated LDC/HR	
	frequency bands 868,60 MHz to 868,70 MHz,	
	869,25 MHz to 869,40 MHz, 869,65 MHz to 86	
EN 300 220-4	Short Range Devices (SRD) operating in the frequency range 25 MHz to	
EN 300 220-4 v1.1.1	1 000 MHz; Part 4: Metering devices operating in designated band	
	169,400 MHz to 169,475 MHz	
EN 300 224	Land Mobile Service; Radio Equipment for use in a Paging Service	
EN 300 224 v2.1.1	operating within the frequency range 25 MHz - 470 MHz	
EN 300 328	Wideband transmission systems; Data transmiss	
EN 300 328 v2.2.2	in the 2,4 GHz band; Harmonised Standard for access to radio spectrum	
EN 300 328 v2.1.1		
EN 300 330	Short Range Devices (SRD); Radio equipment in the frequency range	
EN 300 330 v2.1.1	9 kHz to 25 MHz and inductive loop systems in the frequency range	
	9 kHz to 30 MHz	
EN 300 422-1	Wireless Microphones; Audio PMSE up to 3 GF	Hz; Part 1: Class A
EN 300 422-1 v2.2.1	Receivers	
EN 300 422-1 v2.1.2		
EN 300 422-1 v1.4.2	W. 1 36	T D 10 51 5
EN 300 422-2	Wireless Microphones; Audio PMSE up to 3 GF	tz; Part 2: Class B
EN 300 422-2 v2.1.1	Receivers	
EN 300 422-3	Wireless Microphones; Audio PMSE up to 3 GHz; Part 3: Class C	
EN 300 422-3 v2.1.1	Receivers	
EN 300 422-4	Wireless Microphones; Audio PMSE up to 3 GHz; Part 4: Assistive	
EN 300 422-4 v2.1.1	Listening Devices including personal sound amplifiers and inductive	
ENI 200 422	systems (up to 3 GHz)	
EN 300 433	Citizens' Band (CB) radio equipment	
EN 300 433 v2.1.1	Chart Dance Devices (CDD), D. 1'	- h- m- d in d - 1 CII - /
EN 300 440	Short Range Devices (SRD); Radio equipment t	
EN 300 440 v2.2.1	40 GHz frequency range; Harmonised Standard for access to radio	
EN 300 440 v2.1.1 EN 300 454-2	spectrum  Electromagnetic Compatibility and Padia Spectrum	mum Mottors (EDM)
	Electromagnetic Compatibility and Radio Spect	rum Mauers (EKM) -
EN 300 454-2 v1.1.1	Wide band audio links Satellite Earth Stations and Systems (SES); Harr	manigad Standard far
EN 300 487	• • • • • • • • • • • • • • • • • • • •	
EN 300 487 v2.1.2	Receive-Only Mobile Earth Stations (ROMES)	
EN 301 357	Coordings audio devices in the range 25 MHz to	·
EN 301 357 EN 301 357 v2.1.1	Cordless audio devices in the range 25 MHz to 2	Z UUU IVIITZ
	Clabal Contam for Mahila annumications (CCM). Description 1	
EN 301 502 EN 301 502 v12 5 2	Global System for Mobile communications (GSM); Base station and	
EN 301 502 v12.5.2	repeater equipment Wireless Access Systems; 5GHz Radio Local Area Network (RLAN)	
EN 301 893	- I	iea neiwork (KLAN)
EN 301 893 v2.1.1	[excluding section 5.4.9.3.2.4.1]	

EN 301 908-1 EN 301 908-1 v15.2.1 EN 301 908-1 v15.1.1 EN 301 908-1 v13.1.1  EN 301 908-3 EN 301 908-3 v15.1.1 EN 301 908-3 v15.1.1 EN 301 908-3 v15.1.1 EN 301 908-5 EN 301 908-5 EN 301 908-7 EN 301 908-7 EN 301 908-7 EN 301 908-9 EN 301 908-9 EN 301 908-9 IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-11 EN 301 908-12 EN 301 908-12 EN 301 908-14 EN 301 908-16 EN 301 908-17 EN 301 908-19 EN 301 908-19 EN 301 908-10 EN 301 908-11 EN 301 908-12 EN 301 908-12 EN 301 908-13 EN 301 908-14 EN 301 908-14 EN 301 908-16 EN 301 908-17 EN 301 908-18 EN 301 908-19 EN 301 908-19 EN 301 908-10 EN 301 908-10 EN 301 908-10 EN 301 908-11 EN 301 908-11 EN 301 908-12 EN 301 908-12 EN 301 908-13 EN 301 908-14 EN 301 908-
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EN 301 908-11 EN 301 908-11 v11.1.2 IMT Cellular Networks; Base Stations (BS) and Repeaters Part 11: CDMA Direct Spread (UTRA FDD) Repeaters IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-12 EN 301 908-12 v7.1.1 EN 301 908-14 IMT Cellular Networks; Base Stations (BS) and Repeaters Part 12: CDMA Multi-Carrier (cdma2000) Repeaters IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-14 EN 301 908-14 v15.1.1 Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base
EN 301 908-11 v11.1.2 Part 11: CDMA Direct Spread (UTRA FDD) Repeaters EN 301 908-12 IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-12 v7.1.1 Part 12: CDMA Multi-Carrier (cdma2000) Repeaters EN 301 908-14 IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-14 v15.1.1 Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base
EN 301 908-12 IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-12 v7.1.1 Part 12: CDMA Multi-Carrier (cdma2000) Repeaters EN 301 908-14 IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-14 v15.1.1 Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base
EN 301 908-12 v7.1.1 Part 12: CDMA Multi-Carrier (cdma2000) Repeaters EN 301 908-14 IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-14 v15.1.1 Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base
EN 301 908-14 IMT Cellular Networks; Base Stations (BS) and Repeaters EN 301 908-14 v15.1.1 Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base
EN 301 908-14 v15.1.1 Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base
,
EN 301 908-14 v13.1.1 Stations
EN 301 908-15 IMT Cellular Networks; Base Stations (BS) and Repeaters
EN 301 908-15 v15.1.1 Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD)
EN 301 908-15 v11.1.2 Repeaters
EN 301 908-17 IMT Cellular Networks; Base Stations (BS) and Repeaters
EN 301 908-17 v4.2.1 Part 17: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier
Ultra Mobile Broadband (UMB) Base Station
EN 301 908-18 IMT Cellular Networks; Base Stations (BS) and Repeaters
EN 301 908-18 v15.1.1 Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MS
EN 301 908-18 v13.1.1 Base Station
EN 301 908-20 IMT Cellular Networks; Base Stations (BS) and Repeaters
EN 301 908-20 v6.3.1 Part 20: OFDMA TDD WMAN (Mobile WiMAX <sup>TM</sup> ) Base Station
EN 301 908-22 IMT Cellular Networks; Base Stations (BS) and Repeaters
EN 301 908-22 v6.1.1 Part 22: OFDMA TDD WMAN (Mobile WiMAX <sup>TM</sup> ) Base Station
EN 302 064 Wireless Video Links operating in the 1,3 GHz to 50 GHz frequency b
EN 302 064 v2.1.1
EN 302 064-2 v1.1.1 EN 302 064-2 v1.1.1
EN 302 064-2 V1.1.1  EN 302 065-1  Short Range Devices (SRD) using Ultra Wide Band technology (UWB
EN 302 065-1 v2.1.1 Part 1: Requirements for Generic UWB applications
EN 302 065-2 Short Range Devices (SRD) using Ultra Wide Band technology (UWB
EN 302 065-2 v2.1.1 Part 2: Requirements for UWB location tracking
EN 302 066 Short Range Devices (SRD); Ground- and Wall- Probing Radar
EN 302 066 v2.2.1 applications (GPR/WPR) imaging systems
EN 302 066-2 v1.2.1
EN 302 195 Short Range Devices (SRD); Ultra Low Power Active Medical Implan
EN 302 195 v2.1.1 (ULP-AMI) and accessories (ULP-AMI-P) operating in the frequency
range (9 to 315) kHz

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
EN 302 208	Radio Frequency Identification Equipment operating in the band	
EN 302 208 v3.4.1	865 MHz to 868 MHz with power levels up to 2 W and in the band	
EN 302 208 v3.3.1	(915 to 921) MHz with power levels up to 4 W	
EN 302 208 v3.1.1		
EN 302 326-2	Fixed Radio Systems; Multipoint equipment and antennas;	
EN 302 326-2 v2.1.1	Part 2: digital multipoint radio equipment	
EN 302 326-2 v1.2.2		
EN 302 502	Wireless Access Systems (WAS);	
EN 302 502 v2.1.1	5,8 GHz fixed broadband data transmitting systems	
EN 302 645	Electromagnetic compatibility and radio spectrum matters (ERM); Short	
EN 302 645 v1.1.1	range devices; Global navigation satellite systems (GNSS) repeaters	
EN 303 413	Satellite Earth Stations and Systems (SES); Global Navigation Satellite	
EN 303 413 v1.2.1	System (GNSS) receivers; Radio equipment operating in the	
EN 303 413 v1.1.1	1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands	
EN 303 417	Wireless power transmission systems, using technologies other than radio	
EN 303 417 v1.1.1	frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz,	
	100 - 300 kHz, 6 765 - 6 795 kHz ranges	
EN 303 446-1	ElectroMagnetic Compatibility (EMC) standard for combined and/or	
EN 303 446-1 v1.2.1	integrated radio and non-radio equipment; Part 1: Requirements for	
	equipment intended to be used in residential, commercial and light	
	industry locations	
EN 303 446-2	ElectroMagnetic Compatibility (EMC) standard for combined and/or	
EN 303 446-2 v1.2.1	integrated radio and non-radio equipment; Part 2: Requirements for	
	equipment intended to be used in industrial locations	
EN 303 454	Short Range Devices (SRD); Metal and object detection sensors in the	
EN 303 454 v1.1.1	frequency range 1 kHz to 148,5 kHz	
RSS-111	Broadband public safety equipment operating in the band	
	(4940 to 4990) MHz	
RSS-112	Land mobile and fixed equipment operating in the band	
	(1670 to 1675) MHz	
RSS-117	Land and coast station transmitters using A1, A2, A3, A2H, or A3H	
	emissions operating in the (200 to 535) kHz band	
RSS-119	Land mobile and fixed radio transmitters and receivers	
	(27.41 to 960) MHz	
RSS-123	Low power licensed radio communication devices	
RSS-125	Land mobile and fixed radio transmitters and receivers, (1.705 to 50.0)	
	MHz, primarily amplitude modulated	
RSS-127	Air-Ground equipment operating in the bands (849 to 851) MHz and	
7.7.123	(894 to 896) MHz	
RSS-130	Mobile Broadband Services (MBS) Equipment Operating in the	
	Frequency Bands (698 to 756) MHz and (777 to 787) MHz	
RSS-131	Zone enhancers for the land mobile service	
RSS-132	800 MHz Cellular telephones employing new technologies	
RSS-133	2 GHz Personal communication services	
RSS-134	900 MHz Narrowband personal communications services	
RSS-135	Digital scanner receivers	
RSS-137	Location and monitoring service (902 to 928) MHz	
RSS-139	Advanced wireless services equipment operating in the bands	
	(1710 to 1755) MHz and (2110 to 2155) MHz	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
RSS-140	Equipment Operating in the Public Safety Broadband Frequency Bands 758-768 MHz and 788-798 MHz	
RSS-141	Aeronautical radio communication equipment in the frequency band (117.975 to 137) MHz	
RSS-142	Narrowband multipoint communication systems in the (1427 to 1430) MHz and (1493.5 to 1496.5) MHz bands	
RSS-170	Satellite mobile earth stations	
RSS-181	Coast and ship station single sideband radiotelephone transmitters and receivers operating in the (1,605 to 28,000) kHz band	
RSS-182	Maritime radio transmitters and receivers in the band (156 to 162.5) MHz	
RSS-191	Local multipoint communication systems in the 28 GHz band, point-to-point and point-to-multipoint broadband communication systems in the 24 GHz and 38 GHz bands	
RSS-192	Fixed wireless access equipment operating in the band (3450 to 3650) MHz	
RSS-194	Fixed wireless access equipment operating in the band (953 to 960) MHz	
RSS-195	Wireless communications service equipment operating in the bands (2305 to 2320) MHz and (2345 to 2360) MHz	
RSS-196	Point-to-Multipoint Broadband Equipment Operating in the Bands (512 to 608) MHz and (614 to 698) MHz for Rural Remote Broadband Systems (RRBS) (TV Channels 21 to 51)	
RSS-197	Wireless broadband access equipment operating in the band (3650 to 3700) MHz	
RSS-198	Flexible Use Broadband Equipment Operating in the Band 3900-3980 MHz	
RSS-199	Broadband radio service (BRS) equipment operating in the band (2500 to 2690) MHz	
RSS-210	Low power license exempt radio communication devices (All bands)	
RSS-211	Level Probing Radar Equipment	
RSS-213	2 GHz License exempt personal communications service devices (PCS)	
RSS-215	Analogue scanner receivers	
RSS-216	Wireless Power Transfer Devices (Wireless Chargers)	
RSS-220	Devices using ultra-wideband (UWB) technology	
RSS-222	White Spaces Devices (WSDs)	
RSS-236	General radio service equipment operating in the band (26.960 to 27.410) MHz	
RSS-238	Shipborne Radar in the (2,900 to 3,100) MHz and (9,225 to 9,500) MHz bands	
RSS-243	Active medical implant communications system devices in the (402 to 405) MHz band	
RSS-244	Medical Devices Operating in the Band 413-457 MHz	
RSS-246	Ultra-Low Power (ULP) Wireless Medical Capsule Endoscopy Devices Operating in the 430-440 MHz Band	
RSS-247	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs), and License-Exempt Local Area Network (LE-LAN) Devices	
RSS-248	Radio Local Area Network (RLAN) Devices Operating in the 5925-7125 MHz Band	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT
RSS-251	Field disturbance sensors in the bands (46.7 to 46.9) GHz and (76 to 77)
	GHz
RSS-252	Intelligent Transportation Systems — Dedicated Short Range
	Communications (DSRC) — On-Board Unit (OBU)
RSS-287	Emergency position indicating radio beacons (EPIRB), emergency locator
	transmitters (ELT), personal locator beacons (PLB), and maritime
	survivor locator devices (MSLD)
RSS-288	Global maritime distress and safety system (GMDSS)
RSS-310	Low-power license exempt radio communication devices (All frequency
	bands) category II equipment
RSS-GEN	General requirements and information for the certification of radio
	communication equipment
KS X 3123	Conformity Assessment Procedure of Radio Equipment
KS X 3143	Test Methods of radio disturbance for residential wireless power-
	transmission equipment
MSIT No. 86, Jan 4, 2022	Regulations on Radio Equipment [excluding SAR]
MSIT Public Notification	Unlicensed Radio Equipment Established without Notice [excluding SAR]
2024-22, May 30, 2024	
RRA Public Notification	Technical Requirements of Radio Wave Application
2022-28, Dec 30, 2022	
RF EXPOSURE	
IEC 62233	Measurement methods for electromagnetic fields of household appliances
IEC 62233: 2005	and similar apparatus with regard to human exposure.
IEC 62311	Assessment of electronic and electrical equipment related to human
IEC 62311: 2019	exposure restrictions for electromagnetic fields (up to 300 GHz)
IEC 62479	Assessment of the compliance of low power electronic and electrical
IEC 62479: 2010	equipment with the basic restrictions related to human exposure to
	electromagnetic fields (10 MHz to 300 GHz)
RSS-102	Radio Frequency (RF) Exposure Compliance of Radiocommunication
	Apparatus (All Frequency Bands) [MPE Calculations, RF Exposure
	Measurement and Nerve Stimulation Measurement Only]
RSS-102.NS.MEAS	Measurement Procedure for Assessing Nerve Stimulation (NS)
	Compliance in Accordance with RSS-102 [excluding 5.1]
	PRODUCT FAMILY STANDARDS:
	<u></u>
AUSTRALIA / NEW ZEAI	LAND
ACMA Short Range	ACMA Radiocommunications Equipment (General) Rules 2021 –
Equipment Standard	Schedule 5, Part 15, Short Range Equipment Standard using:
_	AS/NZS 4268: 2017 +A1: 2021
	ETSI EN 300 220-1 v3.1.1: 2017
	ETSI EN 300 330 v2.1.1: 2017
	ETSI EN 300 440 v2.2.1: 2018
	Federal Communications Commission Rules Title 47
	(Telecommunications) Part 15–Radio Frequency Devices.

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
ARPANSA RPS S-1	Standard for Limiting Exposure to Radiofrequency Fields – 100 kHz to	
ARPANSA RPS S-1: 2021	300 GHz [excluding SAR]	
AS/NZS 4268	Radio equipment and systems - Short range devices - Limits and methods	
AS/NZS 4268: 2017+A1	of measurement	
AS/NZS 4295	Analogue speech (angle modulated) equipment operating in land mobile	
AS/NZS 4295 (2015) +A1	and fixed services bands in the frequency range 29.7 MHz to 1 GHz	
AS/NZS 4768.1	Digital radio equipment operating in land mobile and fixed services bands	
AS/NZS 4768.1 (2010)	in the frequency range (29.7 MHz to 1 GHz)	
AS/NZS 61000.6.1	Electromagnetic Compatibility (EMC) Generic standard - Immunity for	
	residential, commercial and light-industrial environments	
AS/NZS 61000.6.2	Electromagnetic Compatibility (EMC) Generic standards immunity for	
	industrial environments	
AS/NZS 61000.6.3: 2021	Electromagnetic Compatibility (EMC) Emission standard for residential,	
	commercial and light-industrial environments	
AS 61000.6.4: 2020	Electromagnetic Compatibility (EMC) Emission standard for industrial	
	environments	
AS/NZS 61000.6.8	Electromagnetic compatibility (EMC) - Part 6-8: Generic standards -	
	Emission standard for professional equipment in commercial and light-	
	industrial locations	
AS CISPR 11: 2017	Industrial, Scientific and Medical (ISM) radio frequency equipment -	
	Electromagnetic disturbance characteristics - Limits and methods of	
	measurement	
AS/NZS CISPR 14.1: 2021	Electromagnetic compatibility - Requirements for household appliances,	
ACAUZO CIORD 14.2	electric tools and similar apparatus - Emission [excluding clicks]	
AS/NZS CISPR 14.2	Electromagnetic compatibility - Requirements for household appliances	
AS/NZS CISPR 32:	electric tools and similar apparatus - Immunity  Electromagnetic compatibility of multimedia equipment - Emission	
2015+A1	Requirements	
2013+A1	Requirements	
EUROPEAN NORM		
	Electronic and in a constitution. Due first families standard for title	
EN 12015 EN 12015: 2020	Electromagnetic compatibility - Product family standard for lifts, escalators and passenger conveyors - Emission	
	escalators and passenger conveyors - Emission	
EN 12015: 2014 EN 12016	Electromagnetic compatibility - Product family standard For lifts,	
EN 12016 EN 12016: 2013	escalators and passenger conveyors - Immunity	
EN 12016: 2013 EN 12016: 2004+A1	cocatators and passenger conveyors - minimumity	
EN 12016: 2004 AT		
EN 12016: 2004 EN 12016: 1998		
EN 12010. 1998 EN 12184	Electrically Powered Wheelchairs, Scooters And Their Chargers -	
EN 12184: 2022	Requirements And Test Methods [Section 12.1 Only]	
EN 12184: 2014		
EN 13309: 2010	Construction machinery - Electromagnetic compatibility of machines with	
	internal electrical power supply	
EN 13763-26	Explosives for civil uses - Detonators and relays - Part 26	
EN 13763-26: 2004	1	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
EN ISO 13766-1	Earth-moving and building construction machinery - Electromagnetic	
EN ISO 13766-1: 2018	compatibility (EMC) of machines with internal electrical power supply -	
	Part 1: General EMC requirements under typical electromagnetic	
	environmental conditions	
EN ISO 13766-2	Earth-moving and building construction machinery - Electromagnetic	
EN ISO 13766-2: 2018	compatibility (EMC) of machines with internal electrical power supply -	
	Part 2: Additional EMC requirements for functional safety	
EN ISO 14982	Agricultural and forestry machinery - Electromagnetic compatibility -	
EN ISO 14982: 2009	Test methods and acceptance criteria	
EN 15194	Cycles – Electrically power assisted cycles – EPAC Bicycles	
EN 15194: 2017+A1		
EN 15194: 2017		
EN 15194: 2009+A1		
EN 15194: 2009		
EN 50065-1	Specification for signaling on low-voltage electrical installations in the	
EN 50065-1: 2011	frequency range (3 to 148.5) kHz – Part 1: General requirements,	
	frequency bands and electromagnetic disturbances	
EN 50065-2-1	Specification for signaling on low-voltage electrical installations in the	
EN 50065-2-1: 2003+A1	frequency range (3 to 148.5) kHz – Part 2: Immunity requirements for	
EN 50065-2-1: 2003	mains communications equipment and systems operating in the range of	
	frequencies (95 to 1485) kHz	
EN 50065-2-2	Signaling on low-voltage electrical installations in the frequency range	
EN 50065-2-2: 2003+A1	(3 to 148,5) kHz. Immunity requirements for mains communications	
EN 50065-2-2: 2003	equipment and systems operating in the range of frequencies	
	(95 to 148,5) kHz	
EN 50065-2-3	Signaling on low-voltage electrical installations in the frequency range	
EN 50065-2-3: 2024	(3 kHz to 148.5) kHz. Immunity requirements for mains communications	
EN 50065-2-3: 2003+A1	equipment and systems operating in the range of frequencies	
EN 50065-2-3: 2003	(3 kHz to 95) kHz	
EN 50083-2	Cable networks for television signals, sound signals and interactive	
EN 50083-2: 2012+A1	services – Part 2 Electromagnetic compatibility for equipment	
EN 50121-1	Railway applications – Electromagnetic compatibility – Part 1: General	
EN 50121-1: 2017		
EN 50121-1: 2006+AC		
EN 50121-3-2	Railway applications – Electromagnetic compatibility – Part 3-2: Rolling	
EN 50121-3-2: 2016+A1	stock – Apparatus	
EN 50121-3-2: 2016		
EN 50121-4	Railway applications – Electromagnetic compatibility – Part 4: Emission	
EN 50121-4: 2016+A1	and immunity of the signaling and telecommunications apparatus	
EN 50121-4: 2016		
EN 50130-4	Alarm systems – Part 4: Electromagnetic compatibility – Product family	
EN 50130-4: 2011+A1	standard – Immunity requirements for components of fire, intruder and	
EN 50130-4: 2011	social alarm systems	
EN 50270	Electromagnetic compatibility – Electrical apparatus for the detection and	
EN 50270: 2015+AC	measurement of combustible gases, toxic gases or oxygen	
EN 50370-1	Electromagnetic Compatibility (EMC) – Product family standard for	
EN 50370-1: 2005	machine tools – Part 1: Emissions	
EN 50370-2	Electromagnetic Compatibility (EMC) – Product family standard for	
EN 50370-2: 2003	machine tools – Part 2: Immunity	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
EN 50498	Electromagnetic Compatibility (EMC) – Product family standard for	
EN 50498: 2010	aftermarket electronic equipment in vehicles	
EN 55011	Industrial, Scientific and Medical (ISM) radio-frequency equipment –	
EN 55011:	Radio disturbance characteristics – Limits and methods of measurement	
2016+A1+A2+A11		
EN 55011: 2016+A1+A11		
EN 55011: 2016+A1		
EN 55011: 2016		
EN 55011: 2009+A1		
EN 55011: 2009		
EN IEC 55014-1	Electromagnetic compatibility - Requirements for household appliances,	
EN IEC 55014-1: 2021	electric tools and similar apparatus - Part 1: Emission [excluding clicks]	
EN 55014-1: 2017+A11		
EN 55014-1: 2017		
EN 55014-1: 2006+A1+A2		
EN 55014-1: 2006+A1		
EN 55014-1: 2006		
EN IEC 55014-2	Electromagnetic compatibility - Requirements for household appliances,	
EN IEC 55014-1: 2021	electric tools and similar apparatus - Part 2: Immunity - Product family	
EN 55014-2: 2015	standard	
EN 55014-2:		
1997+A1+A2+AC		
EN 55014-2: 1997+A1+AC		
EN 55014-2: 1997		
EN IEC 55015	Limits and methods of measurement of radio disturbance characteristics	
EN IEC 55015: 2019+A11	of electrical lighting and similar equipment	
EN IEC 55015: 2019		
EN 55015: 2013		
EN 55022: 2010	Information technology equipment - Radio disturbance characteristics -	
EN 55022: 2006+A1+A2	Limits and methods of measurement	
EN 55024: 2010+A1	Information technology equipment - Immunity characteristics - Limits	
EN 55024: 2010	and methods of measurement	
EN 55032	Electromagnetic compatibility of multimedia equipment - Emission	
EN 55032: 2015+A11	requirements	
EN 55032: 2015		
EN 55032: 2012		
EN 55035	Electromagnetic compatibility of multimedia equipment - Immunity	
EN 55035: 2017+A11	requirements	
EN 55035: 2017		
EN 55103-1: 2009+A1	Electromagnetic compatibility - Product family standard for audio, video,	
EN 55103-1: 2009	audio-visual and entertainment lighting control apparatus for professional	
	use - Emission	
EN 55103-2: 2009	Electromagnetic compatibility - Product family standard for audio, video,	
	audio-visual and entertainment lighting control apparatus for professional	
	use – Immunity	
EN 60034-1	Rotating electrical machines – Part 1 [Section 13]	
EN 60034-1: 2010		
	I	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	FREMONT
EN 60601-1-2	Medical electrical equipment - Part 1-2: General requirements for safety -	
EN 60601-1-2: 2015+A1	Collateral standard - Electromagnetic compatibi	lity - requirements and
EN 60601-1-2: 2015	tests	
EN 60601-1-2: 2007		
EN IEC 60601-2-2	Medical electrical equipment - Part 2-2: Particul	
EN IEC 60601-2-2:	safety of high frequency surgical equipment [EM	AC Sections Only]
2018+A1		
EN IEC 60601-2-2: 2018		
EN 60601-2-2: 2009+A11		
EN 60601-2-2: 2009		
EN 60601-2-4	Medical electrical equipment - Part 2-4: Particul	
EN 60601-2-4: 2011+A1	safety of cardiac defibrillators [EMC sections or	ily]
EN 60601-2-4: 2011		
EN 60601-2-4: 2003	M 1: 1 1 .: 1 .:	1
EN 60601-2-10	Medical electrical equipment - Part 2-10: Particular for the formula of the formu	
EN 60601-2-10:	safety of nerve and muscle stimulators [EMC se	cuons only]
2015+A1+A2 EN 60601-2-10: 2015+A1		
EN 60601-2-10: 2015+A1 EN 60601-2-10: 2015		
EN 60601-2-10: 2013 EN 60601-2-10: 2001+A1		
EN 60601-2-10: 2001+A1 EN 60601-2-10: 2001		
EN 60601-2-10: 2001 EN 60601-2-12: 2006	Medical electrical equipment - Part 2-12: Partico	ular requirements for the
EN 00001-2-12. 2000	safety of lung ventilators - Critical care ventilators	
EN IEC 60601-2-22	Medical electrical equipment - Part 2-22: Particular	
EN IEC 60601-2-22: 2020	safety of diagnostic and therapeutic laser equipment	
EN 60601-2-22: 2013	and the state of t	
EN 60601-2-24	Medical electrical equipment - Part 2-24: Partico	ular requirements for the
EN 60601-2-24: 2015	safety of infusion pumps and controllers [EMC.	
EN 60601-2-24: 1998		, <u>-</u>
EN 60601-2-26: 2015	Part 2-26: Particular requirements for the basic s	safety and essential
	performance of electroencephalographs [EMC S	Sections Only]
EN 60601-2-34	Medical electrical equipment - Part 2-34: Partic	ular requirements for the
EN 60601-2-34: 2014	safety, including essential performance, of invas	sive blood pressure
EN 60601-2-34: 2000	monitoring equipment [EMC sections only]	
EN 60601-2-37	Medical electrical equipment - Part 2-37: Partico	
EN 60601-2-37: 2008+A1	safety of ultrasonic medical diagnostic and mon	itoring equipment
EN 60601-2-37: 2008	[EMC sections only]	
EN 60601-2-47	Medical electrical equipment - Part 2-47: Partico	
EN 60601-2-47: 2015	basic safety and essential performance of ambul	atory electrocardiographic
EN 60601-2-47: 2001	systems [EMC sections only]	
EN 60601-2-62	Medical electrical equipment - Part 2-62 Particu	
EN 60601-2-62: 2015	basic safety and essential performance of high in	-
EN 100 00/01 2.77	ultrasound (HITU) equipment [EMC Sections O	
EN ISO 80601-2-55	Medical electrical equipment. Particular require	
EN ISO 80601-2-55: 2018	and essential performance of respiratory gas mo	nitors
	[EMC sections only]	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
EN 60730-1	Automatic electrical controls for household and similar use - Part 1:	
EN 60730-1: 2016+A1+A2	General requirements [EMC Sections Only]	
EN 60730-1: 2016+A1		
EN 60730-1: 2016		
EN 60730-1: 2011		
EN IEC 60730-2-9	Automatic electrical controls for household and similar use - Part 2:	
EN IEC 60730-2-9:	Particular requirements	
2019+A1+A2		
EN IEC 60730-2-9:		
2019+A1		
EN IEC 60730-2-9: 2019		
EN 60730-2-9: 2010		
EN 60945	Maritime navigation and radio communication equipment and systems -	
EN 60945: 2002	General requirements - Methods of testing and required test results	
EN IEC 61000-3-2	Electromagnetic Compatibility (EMC) - Part 3 Limits - Section 2 Limits	
EN IEC 61000-3-2:	for harmonic current emissions	
2019+A1+A2	(equipment input current ≤16 A per phase)	
EN IEC 61000-3-2:	(equipment imput earrent _10 /1 per phase)	
2019+A1		
EN IEC 61000-3-2: 2019		
EN 61000-3-2: 2014		
EN 61000-3-3	Electromagnetic Compatibility (EMC) - Part 3 Limits - Section 3 -	
EN 61000-3-3:	Limitation of voltage fluctuations and flicker in low-voltage supply	
2013+A1+A2	systems for equipment with rated current $\leq 16 \text{ A}$	
EN 61000-3-3: 2013+A1	systems for equipment with faced earliest _ 10 /1	
EN 61000-3-3: 2013		
EN 61000-4-2	Electromagnetic compatibility (EMC) - Part 4-2 Testing and measurement	
EN 61000-4-2: 2009	techniques - Electrostatic discharge immunity test	
EN IEC 61000-4-3	Electromagnetic compatibility (EMC) - Part 4-3 Testing and measurement	
EN IEC 61000-4-3: 2020	techniques - Radiated, radio-frequency, electromagnetic field immunity	
EN 61000-4-3:	test	
2006+A1+A2		
EN 61000-4-4	Electromagnetic compatibility (EMC) - Part 4-4 Testing and measurement	
EN 61000-4-4: 2012	techniques - Electrical fast transient/burst immunity test	
EN 61000-4-5	Electromagnetic compatibility (EMC) - Part 4-5 Testing and measurement	
EN 61000-4-5: 2014 +A1	techniques - Surge immunity test	
EN 61000-4-5: 2014		
EN IEC 61000-4-6	Electromagnetic compatibility (EMC) - Part 4-6 Testing and measurement	
EN IEC 61000-4-6: 2023	techniques - Immunity to conducted disturbances, induced by	
EN 61000-4-6: 2014	radio-frequency fields	
EN 61000-4-8	Electromagnetic compatibility (EMC) - Part 4-8 - Testing and	
EN 61000-4-8: 2010	measurement techniques - Section 8 Power frequency magnetic field	
	immunity test basic EMC publication	
EN IEC 61000-4-11	Electromagnetic compatibility (EMC) - Part 4-11 Testing and measuring	
EN IEC 61000-4-11: 2020	techniques - Section 11 Voltage dips, short interruptions and voltage	
EN 61000-4-11: 2004+A1	variations immunity tests	
EN 61000-4-11: 2004		
EN 61000-4-12	Electromagnetic Compatibility (EMC) - Part 4-12: Testing and	
EN 61000-4-12: 2017	measurement techniques - Ring wave immunity test	
21: 01000 1 12: 2017	mental techniques and minimity test	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<u>FREMONT</u>
EN 61000-4-13	Electromagnetic compatibility (EMC) - Part 4	
EN 61000-4-13:	techniques - Section 13 Harmonics and interharmonics including mains	
2002 +A1+A2	signaling at A.C. power port, low frequency immunity tests	
EN 61000-4-16	Electromagnetic compatibility (EMC) - Part 4-16: Testing and	
EN 61000-4-16: 2016	measurement techniques - Test for immunity	to conducted, common
	mode disturbances in the frequency range 0 H	Iz to 150 kHz
EN 61000-4-29	Electromagnetic compatibility (EMC) - Part 4-29: Testing and	
EN 61000-4-29: 2001	measurement techniques - Voltage dips, short interruptions and voltage	
	variations on d.c. input power port immunity tests	
EN 61000-4-39	Electromagnetic compatibility (EMC) – Part 4-39: Testing and	
EN 61000-4-39: 2017	measurement techniques - Radiated fields in	
	test [9 kHz to 26 MHz]	
EN IEC 61000-6-1	Electromagnetic Compatibility (EMC) General	ic standards - Immunity for
EN IEC 61000-6-1: 2019	residential, commercial, and light-industrial e	
EN 61000-6-1: 2007		
EN IEC 61000-6-2	Electromagnetic Compatibility (EMC) General	ic standards - Immunity for
EN IEC 61000-6-2: 2019	industrial environments	•
EN 61000-6-2: 2005		
EN IEC 61000-6-3	Electromagnetic Compatibility (EMC) Emissi	ion standard for residential,
EN IEC 61000-6-3: 2021	commercial, and light-industrial environments	
EN 61000-6-3: 2007+A1		
EN 61000-6-3: 2007		
EN IEC 61000-6-4	Electromagnetic Compatibility (EMC) Emissi	ion standard for industrial
EN IEC 61000-6-4: 2019	environments	
EN 61000-6-4: 2007+A1		
EN 61000-6-4: 2007		
EN IEC 61000-6-8	Electromagnetic compatibility (EMC) - Part 6	5-8: Generic standards -
EN IEC 61000-6-8: 2020	Emission standard for professional equipment	t in commercial and light-
	industrial locations	-
EN 61131-2	Programmable controllers, Equipment require	ements and tests
EN 61131-2: 2007	[EMC sections only]	
EN IEC 61204-3	Low voltage power supplies, DC output - Part	t 3: Electromagnetic
EN IEC 61204-3: 2018	Compatibility (EMC)	
EN 61204-3: 2001		
EN IEC 61326-1	Electrical equipment for measurement, contro	ol and laboratory use - EMC
EN IEC 61326-1: 2021	requirements - Part 1: General requirements	-
EN 61326-1: 2013		
EN IEC 61326-2-1	Electrical equipment for measurement, contro	ol and laboratory use - EMC
EN IEC 61326-2-1: 2021	requirements - Part 2-1x Particular requirement	
EN 61326-2-1: 2013	operational conditions and performance criter	ria for sensitive test and
	measurement equipment for EMC unprotected	d applications
EN IEC 61326-2-2	Electrical equipment for measurement, contro	
EN IEC 61326-2-2: 2021	requirements - Part 2-2x Particular requirement	
EN 61326-2-2: 2013	operational conditions and performance criter	
	measuring and monitoring equipment used in	
	systems	-

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
EN IEC 61326-2-3	Electrical equipment for measurement, control and laboratory use - EMC	
EN IEC 61326-2-3: 2021	requirements - Part 2-3x Particular requirements - Test configurations,	
EN 61326-2-3: 2013	operational conditions and performance criteria for transducers with	
	integrated or remote signal conditioning	
EN IEC 61326-2-5	Electrical equipment for measurement, control and laboratory use - EMC	
EN IEC 61326-2-5: 2021	requirements - Part 2-5x Particular requirements - Test configurations,	
EN 61326-2-5: 2013	operational conditions and performance criteria for devices with field bus	
	interfaces according to IEC 61784-1	
EN IEC 61326-2-6	Electrical equipment for measurement, control and laboratory use - EMC	
EN IEC 61326-2-6: 2021	requirements - Part 2-6 Particular requirements. In vitro diagnostic (IVD)	
EN 61326-2-6: 2013	medical equipment	
EN 61326-3-1	Electrical equipment for measurement, control and laboratory use - EMC	
EN 61326-3-1: 2017	requirements - Part 3-1 Immunity requirements for safety-related systems	
	and for equipment intended to perform safety-related functions	
	(functional safety) - General industrial applications	
EN IEC 61326-3-2	Electrical equipment for measurement, control and laboratory use - EMC	
EN IEC 61326-3-2: 2018	requirements - Part 3-2 Immunity requirements for safety-related systems	
EN 61326-3-2: 2008	and for equipment intended to perform safety-related functions	
21. 01320 3 2. 2000	(functional safety). Industrial applications with specified electromagnetic	
	environment	
EN 61547	Equipment for general lighting purposes - EMC immunity requirements	
EN 61547: 2023	Equipment for general righting purposes. Elvic minimitinty requirements	
EN 61547: 2009		
EN 61850-3	Communication Networks and Systems in Substations	
EN 61850-3: 2014	[Section 6.7, excluding tests 10.3, 11.4, 12.6]	
EN IEC 61851-21-2	Electric vehicle conductive charging system - Part 21-2: Electric vehicle	
EN IEC 61851-21-2: 2021	requirements for conductive connection to an AC/DC supply - EMC	
ET TEC 01031 21 2. 2021	requirements for off board electric vehicle charging systems	
EN IEC 61967-4	Integrated circuits – Measurement of electromagnetic emissions Part 4:	
EN IEC 61967-4: 2021	Measurement of conducted emissions - 1 $\Omega/150\Omega$ direct coupling method	
EN IEC 62040-2	Uninterruptible power systems (UPS) - Part 2: Electromagnetic	
EN IEC 62040-2: 2018	compatibility (EMC) requirements	
EN 62040-2: 2006+AC	compationity (ENIC) requirements	
EN IEC 62061	Safety of machinery – functional safety of safety related electrical,	
EN IEC 02001 EN IEC 62061: 2021+A1	electronic & programmable control systems	
EN IEC 02001: 2021 AT EN IEC 62061: 2021	[2021: Section 6.6, 2005: Section 6.4.3]	
EN 62061: 2005+A1+A2	[2021. Seemon 0.0, 2003. Seemon 0.7.3]	
EN 62001. 2003 (AT (AZ)	Measurement methods for electromagnetic fields of household appliances	
EN 62233: 2008	and similar apparatus with regard to human exposure.	
EN 62233. 2008 EN IEC 62311	Assessment of electronic and electrical equipment related to human	
EN IEC 02311 EN IEC 62311: 2020	exposure restrictions for electromagnetic fields (up to 300 GHz)	
EN 62311: 2008	exposure restrictions for electromagnetic fields (up to 500 GHz)	
EN 62479	Assessment of the compliance of low power electronic and electrical	
EN 62479 EN 62479: 2010	equipment with the basic restrictions related to human exposure to	
LIN 024/9. 2010	electromagnetic fields (10 MHz to 300 GHz)	
EN 300 386	Telecommunication network equipment; ElectroMagnetic Compatibility	
EN 300 386 v2.2.1	(EMC) requirements	
EN 300 386 v2.1.1	(Elvie) requirements	
EN 300 386 v1.6.1		
L11 300 300 V1.0.1	<u> </u>	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	FREMONT
EN 301 489-1	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-1 v2.2.3	services; Part 1: Common technical requirements	
EN 301 489-1 v2.1.1		
EN 301 489-1 v1.9.2		
EN 301 489-2	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-2 v2.1.1	services Part 2: Specific conditions for radio page	
EN 301 489-3	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-3 v2.3.2	services Part 3: Specific conditions for Short-Ra	
EN 301 489-3 v2.1.1	operating on frequencies between 9 kHz and 40	
EN 301 489-4	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-4 v3.3.1	services Part 4: Specific conditions for fixed rad	
EN 301 489-4 v3.2.1	equipment	Ž
EN 301 489-4 v3.1.1		
EN 301 489-4 v2.2.1		
EN 301 489-5	ElectroMagnetic Compatibility (EMC) standard	for radio equipment and
EN 301 489-5 v2.2.1	services Part 5: Specific conditions for Private la	and Mobile Radio (PMR)
	and ancillary equipment (speech and non-speech	
	Radio (TETRA)	·
EN 301 489-6	ElectroMagnetic Compatibility (EMC) standard	for radio equipment and
EN 301 489-6 v2.2.1	services Part 6: Specific conditions for Digital E	Inhanced Cordless
	Telecommunications (DECT) equipment	
EN 301 489-7	ElectroMagnetic Compatibility (EMC) standard	for radio equipment and
EN 301 489-7 v1.3.1	services Part 7: Specific conditions for mobile a	nd portable radio and
	ancillary equipment of digital cellular radio telec	communications systems
	(GSM and DCS)	
EN 301 489-8	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-8 v1.2.1	services Part 8: Specific conditions for GSM bas	
EN 301 489-9	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-9 v2.1.1	services Part 9: Specific conditions for wireless	
	Radio Frequency (RF) audio link equipment, co	rdless audio and in-ear
	monitoring devices	
EN 301 489-10	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-10 v1.3.1	services Part 10: Specific conditions for First (C	
EN 004 400 44	Second-Generation Cordless Telephone (CT2) e	
EN 301 489-11	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-11 v1.3.1	services Part 11: Specific conditions for terrestri	al sound broadcasting
FN1 004 400 45	service transmitters	0 11 1
EN 301 489-12	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-12 v3.2.1	services Part 12: Specific conditions for Very St	
EN 301 489-12 v3.1.1	Satellite Interactive Earth Stations operated in the	
EN 201 400 12	between 4 GHz and 30 GHz in the Fixed Satelli	
EN 301 489-13	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-13 v1.2.1	services Part 13: Specific conditions for Citizens	s' Band (CB) radio and
EN 201 400 14	ancillary equipment (speech and non-speech)	C 1:
EN 301 489-14	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-14 v1.2.1	services Part 14: Specific conditions for analogu	ie and digital terrestrial
	TV broadcasting service transmitters	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
EN 301 489-15	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-15 v2.2.1	services Part 15: Specific conditions for commercially available amateur	
	radio equipment	
EN 301 489-16	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-16 v1.2.1	services Part 16: Specific conditions for analogue cellular radio	
	communications equipment, mobile and portable	
EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-17 v3.2.4	services Part 17: Specific conditions for Broadband Data Transmission	
EN 301 489-17 v3.1.1	Systems	
EN 301 489-17 v2.2.1		
EN 301 489-18	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-18 v1.2.1	services Part 18: Specific conditions for Terrestrial Trunked Radio	
E1 ( 301 10) 10 (1.2.1	(TETRA) equipment	
EN 301 489-19	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-19 v2.2.1	services Part 19: Specific conditions for Receive Only Mobile Earth	
EN 301 489-19 v2.2.1 EN 301 489-19 v2.1.1	Stations (ROMES) operating in the 1,5 GHz band providing data	
EN 301 489-19 v1.2.1	communications and GNSS receivers operating in the RNSS band	
E1 ( 301 10) 1) V1.2.1	providing positioning, navigation, and timing data	
EN 301 489-20	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-20 v2.2.1	services Part 20: Specific conditions for Mobile Earth Stations (MES)	
EN 301 489-20 v2.1.1	used in the Mobile Satellite Services (MSS)	
EN 301 489-22	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-22 v2.1.1	services Part 22: Specific conditions for ground based aeronautical mobile	
EN 301 489-22 v2.1.1 EN 301 489-22 v1.3.1	and fixed radio equipment; Harmonised Standard for ElectroMagnetic	
LIV 301 407-22 V1.3.1	Compatibility	
EN 301 489-23	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-23 v1.5.1	services Part 23: Specific conditions for IMT-2000 CDMA, Direct Spread	
Liv 301 407-23 v1.3.1	(UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary	
	equipment	
EN 301 489-24	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-24 v1.5.1	services Part 24:Specific conditions for IMT-2000 CDMA Direct Spread	
E1 ( 301 10) 21 (1.3.1	(UTRA and E-UTRA) for Mobile and portable (UE) radio and ancillary	
	equipment	
EN 301 489-25	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-25 v2.3.2	services Part 25: Specific conditions for CDMA 1x spread spectrum	
E1 ( 301 10) 23 (2.3.2	Mobile Stations and ancillary equipment	
EN 301 489-26	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-26 v2.3.2	services Part 26: Specific conditions for CDMA 1x spread spectrum Base	
20 72.3.2	Stations, repeaters and ancillary equipment	
EN 301 489-27	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-27 v2.2.1	services Part 27: Specific conditions for Ultra Low Power Active Medical	
LI ( 301 T0)-2/ (2.2.1	Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P)	
	operating in the 402 to 405 MHz bands	
EN 301 489-28	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-28 v1.1.1	services Part 28: Specific conditions for wireless digital video links	
EN 301 489-29 VI.I.I	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-29 v2.2.1	services Part 29: Specific conditions for Medical Data Service Devices	
LIN 301 707-29 V2.2.1	(MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406	
	MHz bands	
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STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
EN 301 489-31	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-31 v2.2.1	services Part 31: Specific conditions for equipment in the 9 kHz to 315	
EN 301 489-31 v2.1.1	kHz band for Ultra Low Power Active Medical Implants (ULP-AMI) and	
EN 301 489-31 v1.1.1	related peripheral devices (ULP-AMI-P	
EN 301 489-33	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-33 v2.2.1	services Part 33: Specific conditions for Ultra-Wide Band (UWB)	
	communications devices	
EN 301 489-34	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-34 v2.1.1	services Part 34: Specific conditions for External Power Supply (EPS) for	
	mobile phones	
EN 301 489-35	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-35 v2.2.1	services Part 35: Specific requirements for Low Power Active Medical	
	Implants (LP-AMI) operating in the 2 483,5 MHz to 2 500 MHz bands	
EN 301 489-50	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-50 v2.3.1	services Part 50: Specific conditions for Cellular Communication Base	
EN 301 489-50 v2.2.1	Station (BS), repeater and ancillary equipment	
EN 301 489-51	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-51 v2.1.1	services Part 51: Specific conditions for Automotive, Ground based	
	Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz,	
	24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz;	
EN 301 489-52	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-52 v1.2.1	services; Part 52: Specific conditions for Cellular Communication User	
	Equipment (UE) radio and ancillary equipment	
EN 301 489-53	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-53 v1.1.1	services Part 53: Specific conditions for terrestrial sound broadcasting and	
	digital TV broadcasting service transmitters and associated ancillary	
	equipment	
EN 301 489-54	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-54 v1.1.1	services; Part 54: Specific conditions for fixed ground based aeronautical	
	and meteorological radars	
DNV-CG-0339	Class Guideline: Environmental test specification for electrical, electronic	
DNV-CG-0339: 2021	and programmable equipment and systems	
DNVGL-CG-0339: 2019	[Sections 3.4, 3.5, 3.12, 3.13, & 3.14]	
DNVGL-CG-0339: 2016		
	Requirements concerning Electrical and Electronic Installations: Test	
IACS UR E10 r10: 2024	Specification for Type Approval [Sections 3, 4, 9, 10, 13, 14, 15, 16, 17,	
IACS UR E10 r09: 2023	18, 19, & 20]	
IACS UR E10 r08: 2021		
<u>EU DIRECTIVES</u>		
EU Regulation 167/2013	EU Regulation on the approval and market surveillance of agricultural	
EU Regulation 2015/208	and forestry vehicles	
EU Regulation 2018/829		
EU Regulation 2018/858	EU Regulation on the approval and market surveillance of motor vehicles	
<u> </u>	and their trailers, and of systems, components and separate technical units	
	intended for such vehicles	
EU Regulation 168/2013		

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	FREMONT
EU Regulation 2019/2144	EU Regulation on type-approval requirements for motor vehicles and their trailers, and systems, components and separate technical units intended for such vehicles, as regards their general safety and the protection of vehicle occupants and vulnerable road user	
UNITED NATIONS		
UN/ECE Addendum 9	Concerning the Adoption of Uniform Technic	al Prescription for Wheeled
Regulation 10	Vehicles, Equipment and Parts which can be I	
Rev 6+A1+A2	Wheeled Vehicles and the Conditions for Rec	iprocal Recognition and
Rev 6+A1	Approvals Granted on the Basis of these Presc	
Rev 6	Uniform provisions concerning the approval of	of vehicles with regard to
Rev 5+A1+A2	electromagnetic compatibility	
Rev 5+A1	[Sections 7, 8, 9, 10, 17, 18, 19, 20, 21, 22]	
Rev 5		
HAD A CINIC A DODE		
IMDA SINGAPORE		•
IMDA TS AR: 2016	Technical specification for Amateur Radio Eq	
IMDA TS CBS: 2023	Technical specification for Cellular Base Stati	
IMDA TS CT-CTS: 2016	Technical specification for Cordless Telephone and Cordless	
IMDA TS GMPCS: 2016	Telecommunication Systems [excluding dect and phs]	
IMDA 13 GMI CS. 2010	Technical specification for Global Mobile Personal Communication by Satellite (GMPCS) Terminals	
IMDA TS LMR: 2016	Technical specification for Land Mobile Radio Equipment	
IMDA TS SRD: 2023	Technical specification for Short Range Devices (SRD)	
IMDA TS UWB: 2016	Technical specification for Ultra-Wideband (UWB) Devices	
IMDA TS WBA: 2016	Technical specification for Wireless Broadbar	<u> </u>
	equipment	
INTERNATIONAL		
CISPR 16-2-1	Specification for radio disturbance and immur	nity measuring annaratus
CISPR 16-2-1: 2014 +A1	Specification for radio disturbance and immunity measuring apparatus and methods — Part 2-1: Methods of measurement of disturbances and	
CISPR 16-2-1: 2014	immunity — Conducted disturbance measurements	
CISPR 16-2-1:		
2008+A1+A2		
CISPR 16-2-1: 2008+A1		
CISPR 16-2-1: 2008		
CISPR 16-2-1: 2003+A1		
CISPR 16-2-1: 2003		
CISPR 16-2-2	Specification for radio disturbance and immunity measuring apparatus	
CISPR 16-2-2: 2010	and methods - Part 2-2: Methods of measurement of disturbances and	
CISPR 16-2-2:	immunity - Measurement of disturbance power	
2003+A1+A2		
CISPR 16-2-2: 2003+A1		
CISPR 16-2-2: 2003		

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CISPR 16-2-3	Specification for radio disturbance and immuni	ty measuring apparatus
CISPR 16-2-3:	and methods - Part 2-3: Methods of measureme	ent of disturbances and
2016+A1+A2	immunity - Radiated disturbance measurements	3
CISPR 16-2-3: 2016+A1		
CISPR 16-2-3: 2016		
CISPR 16-2-3:		
2010+A1+A2		
CISPR 16-2-3: 2010+A1		
CISPR 16-2-3: 2010		
CISPR 16-2-3:		
2003+A1+A2		
CISPR 16-2-3: 2003+A1		
CISPR 16-2-3: 2003		
IACS UR E10	Requirements concerning Electrical and Electro	
IACS UR E10 r10: 2023	Specification for Type Approval [Sections 3, 4,	9, 10, 13, 14, 15, 16, 17,
IACS UR E10 r09: 2023	18, 19, & 20]	
IACS UR E10 r08: 2021		
IEC 60034-1: 2010	Rotating electrical machines – Part 1 [Section 1	[3]
IEC 60533	Electromagnetic compatibility of electrical and	electronic installations in
IEC 60533: 2015	ships	
IEC 60533: 1999		
IEC 60601-1-2	Medical electrical equipment - Part 1: General	
IEC 60601-1-2: 2014+A1	Collateral standard - Electromagnetic compatib	ility - Requirements and
IEC 60601-1-2: 2014	tests	
IEC 60601-1-2: 2007		
IEC 60601-2-2	Medical electrical equipment - Part 2-2: Particu	
IEC 60601-2-2: 2017	safety of high frequency surgical equipment [E.	MC Sections Only]
IEC 60601-2-2: 2009		
IEC 60601-2-4	Medical electrical equipment - Part 2-4 Particul	
HEG (0(01 2 10	safety of cardiac defibrillators [EMC sections o	
IEC 60601-2-10	Medical electrical equipment - Part 2-10: Partic	•
IEC (0(01 2 12 2001	safety of nerve and muscle stimulators [EMC se	
IEC 60601-2-12: 2001	Medical electrical equipment - Part 2-12 Particu	
HC (0(01 2 22	safety of lung ventilators - Critical care ventilat	
IEC 60601-2-22	Medical electrical equipment - Part 2-22: Partic	
IEC 60601-2-22: 2019	safety of diagnostic and therapeutic laser equip	ment [EMC sections only]
IEC 60601-2-22: 2007+A1	Madical alastoical aminorant Dat 2 24 Dat	.1
IEC 60601-2-24	Medical electrical equipment - Part 2-24 Particular of the office of the second and the second secon	-
IEC (0(01 2 2( 2012	safety of infusion pumps and controllers [EMC]	
IEC 60601-2-26: 2012	Part 2-26: Particular requirements for the basic	-
HEG (0.001 2.24	performance of electroencephalographs [EMC ]	
IEC 60601-2-34	Medical electrical equipment - Part 2-34: Partic	•
	basic safety and essential performance of invasi	ive blood pressure
HEG (0(0) 2.27	monitoring equipment [EMC Sections Only]	1
IEC 60601-2-37	Medical electrical equipment - Part 2-37: Partic	-
	basic safety and essential performance of ultras	
	and monitoring equipment [EMC Sections Only	']

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IEC 60601-2-47	Medical electrical equipment - Part 2-47: Particular requirements for the	
	safety, including essential performance, of ambulatory	
	electrocardiographic systems. [EMC Sections Only]	
IEC 60601-2-62	Medical electrical equipment - Part 2-62 Particular requirements for the	
	basic safety and essential performance of high	
	ultrasound (HITU) equipment [EMC Sections	
ISO 80601-2-55	Medical electrical equipment. Particular requir	
ISO 80601-2-55: 2018	and essential performance of respiratory gas m	onitors
TEG (0520 1	[EMC sections only]	1 1 1 1 1
IEC 60730-1	Automatic electrical controls for household and	d similar use - Part I
HDG (1000 ( 1	General requirements [EMC Sections Only]	
IEC 61000-6-1	Electromagnetic capability (EMC) - Part 6-1 G	
IEC 61000-6-1: 2016	Immunity for residential, commercial, and ligh	
IEC 61000-6-2	Electromagnetic Capability (EMC) - Part 6-2 C	generic Standards -
IEC 61000-6-2: 2016	Immunity for industrial environments	7 C4 1 1 -
IEC 61000-6-3 IEC 61000-6-3: 2020	Electromagnetic Capability (EMC) - Part 6-3 (	
IEC 61000-6-3: 2020 IEC 61000-6-3: 2006+A1	Emissions standard for residential, commercial environments	, and fight-industrial
IEC 61000-6-3. 2000+A1	Electromagnetic Capability (EMC) - Part 6-4 C	Canaria Standards
IEC 61000-6-4: 2018	Immunity for residential, commercial, and ligh	
IEC 61000-6-4: 2016	immunity for residential, commercial, and fight	t-industrial chynomichts
IEC 61000-6-8	Electromagnetic compatibility (EMC) - Part 6-	8: Generic standards -
IEC 61000-6-8: 2020	Emission standard for professional equipment in commercial and light-	
120 01000 0 0.2020	industrial locations	in commercial and fight
IEC 61326-1	Electrical equipment for measurement, control	and laboratory use - EMC
IEC 61326-1: 2020	requirements - Part 1: General requirements	
IEC 61326-1: 2012	1	
IEC 61326-1: 2005		
IEC 61326-2-1	Electrical equipment for measurement, control	and laboratory use -
IEC 61326-2-1: 2020	EMC requirements - Part 2-1 Particular require	ements - Test
IEC 61326-2-1: 2012	configurations, operational conditions and performance criteria for	
IEC 61326-2-1: 2005	sensitive test and measurement equipment for EMC unprotected	
	applications	
IEC 61326-2-2	Electrical equipment for measurement, control	
IEC 61326-2-2: 2020	requirements - Part 2-2 Particular requirements	
IEC 61326-2-2: 2012	operational conditions and performance criteria	
IEC 61326-2-2: 2005	measuring and monitoring equipment used in l	ow-voltage distribution
IEC (122( 2.2	systems	and tale and the ENG
IEC 61326-2-3	Electrical equipment for measurement, control	
IEC 61326-2-3: 2020	requirements - Part 2-3 Particular requirements	
IEC 61326-2-3: 2012	operational conditions and performance criteria for transducers with	
IEC 61326-2-3: 2006 IEC 61326-2-5	integrated or remote signal conditioning	and laboratory use EMC
IEC 61326-2-5: 2020	Electrical equipment for measurement, control requirements - Part 2-5 Particular requirements	
IEC 61326-2-5: 2020 IEC 61326-2-5: 2012		
IEC 61326-2-5: 2012	operational conditions and performance criteria for devices with field bus interfaces according to IEC 61784-1.	
1LC 01320-2-3, 2000	meriaces according to IEC 01/04-1.	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
IEC 61326-2-6	Electrical equipment for measurement, control and laboratory use - EMC	
IEC 61326-2-6: 2020	requirements - Part 2-6 Particular requirements Test configurations,	
IEC 61326-2-6: 2012	operational conditions and performance criteria In vitro diagnostic (IVD)	
IEC 61326-2-6: 2005	medical equipment	
IEC 61326-3-1	Electrical equipment for measurement, control and laboratory use - EMC	
IEC 61326-3-1: 2017	requirements - Part 3-1 Immunity requirements for safety-related systems	
IEC 61326-3-1: 2008	and for equipment intended to perform safety-related functions	
	(functional safety) - General industrial applications.	
IEC 61326-3-2	Electrical equipment for measurement, control and laboratory use - EMC	
IEC 61326-3-2: 2017	requirements - Part 3-2 Immunity requirements for safety-related systems	
IEC 61326-3-2: 2008	and for equipment intended to perform safety-related functions	
	(functional safety). Industrial applications with specified electromagnetic	
	environment	
IEC 61547	Equipment for general lighting purposes - EMC immunity requirements	
IEC 61547: 2020		
IEC 61850-3	Communication Networks and Systems in Substations	
IEC 61850-3: 2013	[Section 6.7, excluding tests 10.3, 11.4, 12.6]	
IEC 61851-21-2	Electric vehicle conductive charging system - Part 21-2: Electric vehicle	
IEC 61851-21-2: 2018	requirements for conductive connection to an AC/DC supply - EMC	
	requirements for off board electric vehicle charging systems	
IEC 61967-4	Integrated circuits – Measurement of electromagnetic emissions Part 4:	
IEC 61967-4: 2021	Measurement of conducted emissions - $1\Omega / 150\Omega$ direct coupling method	
IEC 62040-2	Uninterruptible power systems (UPS) - Part 2 Electromagnetic	
IEC 62040-2: 2016	compatibility (EMC) requirements	
IEC 62061	Safety of machinery - functional safety of safety related electrical,	
IEC 62061: 2021+A1	electronic & programmable control systems	
IEC 62061: 2021	[2021: Section 6.6, 2005: Section 6.4.3]	
ISO 22200: 2009	Electromagnetic compatibility — Product family standard for lifts,	
	escalators and moving walks — Immunity	
<u>JAPAN</u>		
JIS C 61326-1	Electrical equipment for measurement, control and laboratory use -	
	Electromagnetic compatibility (EMC) requirements - Part 1: General	
	requirements	
VCCI-CISPR 32	Electromagnetic compatibility of multimedia equipment – Emission	
VCCI-CISPR 32: 2016	Requirements	
KOREA, REPUBLIC OF		
KS C 9811	CISPR 11: 2015 +A1 [3m only]	
KS C 9814-1	CISPR 14-1: 2020 [3m only, excluding clicks]	
KS C 9814-2	CISPR 14-2: 2020	
KS C 9832	CISPR 32: 2015 [3m only]	
KS C 9835	CISPR 35: 2016	
KS B 6945	EN 12016: 2013	
KS X 3124	EN 301 489-01 v2.1.1 [8.2: 3m only]	
KS X 3137	EN 301 489-02 v1.3.1 [7.1: 3m only]	
KS X 3125	EN 301 489-03 v1.6.1 [7.1: 3m only]	
KS X 3127	EN 301 489-05 v1.3.1 [7.1: 3m only]	
110 /1 314/	[ 11, 201 107 00 11.3.1 [7.1. 3m only]	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT	
KS X 3128	EN 301 489-06 v1.4.1 [7.1: 3m only]	
KS X 3129	EN 301 489-52 v1.1.0 [7.1.1, 7.2.1: 3m only]	
KS X 3130	EN 301 489-09 v1.4.1 [7.1: 3m only]	
KS X 3131	EN 301 489-13 v1.2.1 [7.1: 3m only]	
KS X 3136	EN 301 489-15 v2.1.1 [7.1: 3m only]	
KS X 3126	EN 301 489-17 v2.1.1 [7.1: 3m only]	
KS X 3132	EN 301 489-18 v1.3.1 [7.1: 3m only]	
KS X 3139	EN 301 489-20 v1.2.1 [7.1: 3m only]	
KS X 3134	EN 301 489-27 v2.1.1 [7.1: 3m only]	
KS X 3138	EN 301 489-32 v1.1.1 [7.1: 3m only]	
KS X 3135	EN 301 489-50 v2.1.1 [7.1: 3m only]	
KS C IEC 60601-1-2	IEC 60601-1-2: 2014+A1 [7: 3m only]	
KS C IEC 60601-1-2: 2012	IEC 60601-1-2: 2007 [6.1: 3m only]	
KS X 3140	IEC 60945: 2002; IEC 60533: 1999 [3m only]	
KN 60945/60533	IEC 60945: 2002; IEC 60533: 1999 [3m only, excluding 4]	
KS C 9610-6-1	IEC 61000-6-1: 2016	
KS C 9610-6-2	IEC 61000-6-2: 2016	
KS C 9610-6-3	IEC 61000-6-3: 2006+A1 [3m only]	
KS C 9610-6-4	IEC 61000-6-4: 2018 [3m only]	
KS C 9547	IEC 61547: 2009	
TAIWAN / CHINESE TAIR	-	
LP0002	Low-power Radio-frequency Devices Technical Regulations	
LP0002:2024	[excluding SAR]	
RTTE01	2.4GHz Radio-frequency Telecommunications terminal equipment	
RTTE01: 2020	technical specification	
VIETNAM	teenmear specimeation	
TCVN 7189: 2009	Information technology equipment - Radio disturbance characteristics -	
1C VIV / 189. 2009	Limits and methods of measurement	
TCVN 7317: 2003	Information technology equipment - Immunity characteristics - Limits	
10 11 /31 /. 2003	and methods of measurement	
QCVN 118: 2018/BTTTT	National technical regulation on Electromagnetic compatibility of	
QC VIV 110. 2010/B1111	multimedia equipment - Emission requirements	
UNITED STATES	material equipment Emission requirements	
47 CFR Part 15	Padio fraguency devices	
	Radio frequency devices	
47 CFR Part 18	Industrial, scientific and medical equipment	
47 CFR Part 20	Commercial mobile services [excluding HAC]  Public mobile services	
47 CFR Part 22		
47 CFR Part 24	Personal communications services	
47 CFR Part 25	Satellite communications  Miscellan cova visibles communication complete	
47 CFR Part 27	Miscellaneous wireless communication services	
47 CFR Part 30	Upper microwave flexible use service	
47 CFR Part 73	Radio broadcast services	
47 CFR Part 74	Experimental radio, auxiliary, and special broadcast and other program	
47 CED Do 4 90	distributional services	
47 CFR Part 80	Stations in the maritime services	
47 CFR Part 87	Aviation services	
47 CFR Part 90	Private land mobile radio services	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<u>FREMONT</u>
47 CFR Part 95	Personal radio services	
47 CFR Part 96	Citizens broadband radio services	
47 CFR Part 97	Amateur radio services	
47 CFR Part 101	Fixed microwave services	
ANSI RESNA WC-2: 2009	Electrically powered wheelchairs, scooters and their chargers -	
	requirements and test methods [Section 21 only]	-
Telcordia GR-1089-CORE	Electromagnetic Compatibility and Electrical Safety - Generic Criteria for	
2017	Network Telecommunications Equipment. [Secti	ons: 2, 3, & 4]

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STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
	Core Measurement Methods:
RADIATED / CONDUCTE	ED EMISSIONS
IEC 61000-3-2 IEC 61000-3-2: 2018+A1+A2 IEC 61000-3-2: 2018+A1 IEC 61000-3-2: 2018	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 2 Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
IEC 61000-3-3 IEC 61000-3-3: 2013+A1+A2 IEC 61000-3-3: 2013+A1 IEC 61000-3-3: 2013	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 3 – Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current ≤ 16 A
IMMUNITY	
CISPR 14-2 CISPR 14-2: 2020 CISPR 14-2: 2015 CISPR 14-2:1997+A1+A2 CISPR 14-2:1997+A1 CISPR 14-2:1997	Electromagnetic compatibility - Requirements for household appliances, electric tools, and similar apparatus - Part 2: Immunity-Product Family Standard
CISPR 24: 2010+A1 CISPR 24: 2010 CISPR 24: 1997+A1+A2 CISPR 24: 1997+A1 CISPR 24: 1997	Information technology equipment - Immunity characteristics - Limits and methods of measurement
CISPR 35 CISPR 35: 2016	Electromagnetic compatibility of multimedia equipment - Immunity requirements
ENV 50204: 1996	Radiated electromagnetic field from digital radio telephones – immunity test (900 MHz and 5 MHz Keyed Carrier)
EN 61000-4-2 EN 61000-4-2: 2009 EN IEC 61000-4-3 EN IEC 61000-4-3: 2020 EN 61000-4-3: 2006+A1+A2	Electromagnetic compatibility (EMC) - Part 4-2 Testing and measurement techniques - Electrostatic discharge immunity test  Electromagnetic compatibility (EMC) - Part 4-3 Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
EN 61000-4-4 EN 61000-4-4: 2012 EN 61000-4-5	Electromagnetic compatibility (EMC) - Part 4-4 Testing and measurement techniques - Electrical fast transient/burst immunity test  Electromagnetic compatibility (EMC) - Part 4-5 Testing and measurement
EN 61000-4-5: 2014 +A1 EN 61000-4-5: 2014 EN IEC 61000-4-6 EN IEC 61000-4-6: 2023 EN 61000-4-6: 2014	Electromagnetic compatibility (EMC) - Part 4-6 Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

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STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	FREMONT2
EN 61000-4-8	Electromagnetic compatibility (EMC) - Part 4-8	
EN 61000-4-8: 2010	measurement techniques - Section 8 Power frequency magnetic field	
	immunity test basic EMC publication	
EN IEC 61000-4-11	Electromagnetic compatibility (EMC) - Part 4-11 Testing and measuring	
EN IEC 61000-4-11: 2020	techniques - Section 11 Voltage dips, short interruptions and voltage	
EN 61000-4-11: 2004+A1	variations immunity tests	ruptions und voltage
EN 61000-4-11: 2004	variations miniatity tosts	
EN 61000-4-12	Electromagnetic Compatibility (EMC) - Part 4-1	2: Testing and
EN 61000-4-12: 2017	measurement techniques - Ring wave immunity	
EN 61000-4-13	Electromagnetic compatibility (EMC) - Part 4-13	
EN 61000-4-13:	techniques - Section 13 Harmonics and interharm	
2002 +A1+A2	signaling at A.C. power port, low frequency imm	
EN 61000-4-16	Electromagnetic compatibility (EMC) - Part 4-10	
EN 61000-4-16: 2016	measurement techniques - Test for immunity to	
211 01000 1 10. 2010	mode disturbances in the frequency range 0 Hz t	
EN 61000-4-29	Electromagnetic compatibility (EMC) - Part 4-29	
EN 61000-4-29: 2001	measurement techniques - Voltage dips, short in	
	variations on d.c. input power port immunity tes	
EN 61000-4-39	Electromagnetic compatibility (EMC) – Part 4-3	
EN 61000-4-39: 2017	measurement techniques – Radiated fields in clo	
	test [9 kHz to 26 MHz]	To Proceedings
AUTOMOTIVE		
CISPR 12	Vehicles, boats, and internal combustion engines	s – Radio disturbance
CISPR 12: 2007+A1	characteristics – Limits and methods of measure	
CISPR 12: 2007	off-board receivers	1
CISPR 25	Radio disturbance characteristics for the protection of receivers used on	
CISPR 25: 2021	board vehicles, boats, and on devices - Limits an	
CISPR 25: 2016	measurement	
CISPR 25: 2008	[2021: excluding sections 5 and 6.6]	
CISPR 25: 2002	[2016: excluding sections 5, 6.6 and 6.7]	
	[2008: excluding sections 5, 6.5 and 6.6]	
	[2002: excluding sections 5 and 6.5]	
CISPR 36	Electric and hybrid electric road vehicles – Radio	o disturbance
CISPR 36: 2020+A1	characteristics - Limits and methods of measurer	
CISPR 36: 2020	off-board receivers below 30 MHz	1
ISO 7637-1: 1990	Road vehicles - Electrical disturbance by conduc	etion and coupling - Part 1
	Passenger cars and light commercial vehicles wi	1 0
	voltage - Electrical transient conduction along su	
ISO 7637-2: 1990	Road vehicles - Electrical disturbance by conduc	
	Commercial vehicles with nominal 24 V supply	1 0
	transient conduction along supply lines only	J
ISO 7637-2	Road vehicles - Electrical disturbances from con	duction and coupling -
ISO 7637-2: 2011	Part 2: Electrical transient conduction along supp	
ISO 7637-2: 2004+A1		
ISO 7637-2: 2004		
ISO 7637-3	Road vehicles - Electrical disturbances from con	duction and coupling -
ISO 7637-3: 2016	Part 3: - Electrical transient transmission by capa	
ISO 7637-3: 2007	coupling via lines other than supply lines	
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STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2	
ISO 10605	Road vehicles - Test methods for electrical disturbances from electrostatic	
ISO 10605: 2023	discharge	
ISO 10605: 2008+A1		
ISO 10605: 2008		
ISO 10605: 2001		
ISO 11451-2	Road vehicles — Vehicle test methods for electrical disturbances from	
ISO 11451-2: 2015	narrowband radiated electromagnetic energy — Part 2: Off-vehicle	
	radiation sources	
ISO 11452-2	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-2: 2019	narrowband radiated electromagnetic energy - Part 2: Absorber-lined	
ISO 11452-2: 2004	shielded enclosure	
ISO 11452-4	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-4: 2020	narrowband radiated electromagnetic energy - Part 4: Harness excitation	
ISO 11452-4: 2011	methods (BCI method only)	
ISO 11452-4: 2005	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-4: 2001	narrowband radiated electromagnetic energy - Part 4: Bulk current	
	injection (BCI)	
ISO 11452-5	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-5: 2002	narrowband radiated electromagnetic energy - Part 5: Stripline	
ISO 11452-7	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-7: 2003+A1	narrowband radiated electromagnetic energy - Part 7: Direct radio	
ISO 11452-7: 2003	frequency (RF) power injection	
ISO 11452-8	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-8: 2015	narrowband radiated electromagnetic energy - Part 8: Immunity to	
ISO 11452-8: 2007	magnetic fields	
ISO 11452-9	Road vehicles — Component test methods for electrical disturbances	
ISO 11452-9: 2021	from narrowband radiated electromagnetic energy — Part 9: Portable	
ISO 11452-9: 2012	transmitters	
ISO 11452-10	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-10: 2009	narrowband radiated electromagnetic energy - Part 10 Immunity to	
	conducted disturbances in the extended audio frequency range	
ISO 13766-1	Earth-moving and building construction machinery - Electromagnetic	
ISO 13766-1: 2018	compatibility (EMC) of machines with internal electrical power supply -	
	Part 1: General EMC requirements under typical electromagnetic	
	environmental conditions [Sections 4.4, 4.7, 4.8, 4.9]	
ISO 13766-2: 2018	Earth-moving and building construction machinery - Electromagnetic	
	compatibility (EMC) of machines with internal electrical power supply -	
	Part 2: Additional EMC requirements for functional safety	
ISO 13766: 2006	Earth-moving machinery - Electromagnetic compatibility [Sections 5.5,	
	5.8, 5.9, 5.10	
ISO 14982: 1998	Agricultural and forestry machinery - Electromagnetic compatibility -	
	Test methods and acceptance criteria	
ISO 16750-2	Road vehicles Environmental conditions and testing for electrical and	
ISO 16750-2: 2023	electronic equipment Part 2: Electrical loads	
ISO 16750-2: 2012	[excluding 4.11 & 4.12]	
ISO 16750-2: 2010		
SAE J1113-2: 2010	Electromagnetic compatibility measurement procedures and limits for	
SAE J1113-2: 2004	vehicle components (except aircraft) - conducted immunity,	
	(15 Hz to 250 kHz) - all leads	
	(10 111 to 200 Mill) will load	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2	
SAE J1113-4	Immunity to radiated electromagnetic fields - Bulk current injection (BC	CI)
SAE J1113-4: 2020	method	
SAE J1113-4: 2014		
SAE J1113-4: 2004		
SAE J1113-11	Immunity to conducted transients on power leads	
SAE J1113-11: 2023		
SAE J1113-11: 2018		
SAE J1113-11: 2017		
SAE J1113-11: 2012		
SAE J1113-11: 2007		
SAE J1113-12	Electrical interference by conduction and coupling - capacitive and	
SAE J1113-12: 2022	inductive coupling via lines other than supply lines	
SAE J1113-12: 2017		
SAE J1113-12: 2006		
SAE J1113-13	Electromagnetic compatibility measurement procedure for vehicle	
SAE J1113-13: 2015	components - part 13 immunity to electrostatic discharge	
SAE J1113-13: 2011		
SAE J1113-13: 2004		
SAE J1113-21: 2013	Electrical interference by conduction and coupling - coupling clamp and	1
SAE J1113-21: 2005	chattering relay	
SAE J1113-22: 2010	Electromagnetic compatibility measurement procedure for vehicle	
SAE J1113-22: 2003	components - Part 22 - immunity to radiated magnetic fields	
SAE J1113-26	Electromagnetic compatibility measurement procedure for vehicle	
SAE J1113-26: 2021	components - Part 26 - immunity to AC power lines electric fields	
SAE J1113-26: 2014		
SAE J1113-26: 2013		
SAE J1113-26: 2006		
SAE J1113-41: 2006	Limits and methods of measurement of radio disturbance characteristics	;
SAE J1113-41: 2000	of components and modules for the protection of receivers used on boar	d
	vehicles	
SAE J1455	Joint SAE/TMC recommended environmental practices for electronic	
SAE J1455: 2017	equipment design (heavy-duty trucks)	
SAE J1455: 2012	[Sections: 4.13.1, 4.13.2 and 4.13.3]	
SAE J1752-3	(R) Measurement of radiated emissions from integrated circuits -	
SAE J1752-3: 2017	TEM/wideband TEM (GTEM) cell method; TEM cell (150 kHz to 1	
	GHz), wideband TEM cell (150 kHz to 8 GHz) [up to 3GHz]	
	· · · · · · · · · · · · · · · · · · ·	
ENERGY GRID / EV		
IEEE 1613: 2009	Environmental and Testing Requirements for Communications	
1010.2009	Networking Devices Installed in Electric Power Substations	
UL 991	Tests for Safety-Related Controls Employing Solid-State Devices	
UL 991: 2010	[Sections: 11, 13, 14.3, 14.7, 14.8, 14.9, 14.10, 15]	
UL 2202	Standard for Safety, Electric Vehicle (EV) Charging System Equipment	
UL 2202: 2022	[Sections: 37.2(c), 37.2(d)]	
UL 2231-2: 2016	Standard for Safety, Personnel Protection Systems for Electric Vehicle	
22 2231 2. 2010	(EV) Supply Circuits [Sections: 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9,	
	24.10]	
UL 9540: 2020	Standard for Safety, Energy Storage Systems and Equipment	
22 70 10. 2020	[Section: 32]	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	FREMONT2
MARITIME		
DNV-CG-0339 DNV-CG-0339: 2021	Class Guideline: Environmental test specification for electrical, electronic and programmable equipment and systems	
DNVGL-CG-0339: 2019 DNVGL-CG-0339: 2016	[Sections 3.4, 3.5, 3.12, 3.13, & 3.14; excluding 3.14.11, 3.14.12]	
MILITARY / AEROSPACE	2	
MIL-STD-461A/B/C,	Electromagnetic emission and susceptibility req	uirements for the control
Using the methods of	of electromagnetic interference:	
Mil-STD-462	[Emissions: CE01, CE02, CE03, CE04, CE05, CRE03]	
	[Susceptibility: CS01, CS02, CS03, CS04, CS05 CS09, CS10, CS11, CS12, RS01, RS02, RS03, R	S06]
MIL-STD-461D	Electromagnetic emission and susceptibility req	uirements for the control
Using the methods of	of electromagnetic interference:	1102 DE1023
MIL-STD-462D	[Emissions: CE101, CE102, CE106, RE101, RE102, RE103] [Susceptibility: CS101, CS103, CS104, CS105, CS109, CS114, CS115, CS116, RS101, RS103]	
MIL-STD-461E	Electromagnetic emission and susceptibility req of electromagnetic interference: [Emissions: CE101, CE102, CE106, RE101, RE [Susceptibility: CS101, CS103, CS104, CS105, CS116, RS101, RS103]	E102, RE103]
MIL-STD-461F	Electromagnetic emission and susceptibility req of electromagnetic interference: [Emissions: CE101, CE102, CE106, RE101, RE [Susceptibility: CS101, CS103, CS104, CS105, CS115, CS116, RS101, RS103]	E102, RE103]
MIL-STD-461G	Electromagnetic emission and susceptibility req of electromagnetic interference: [Emissions: CE101, CE102, CE106, RE101, RE [Susceptibility: CS101, CS103, CS104, CS105, CS116, CS117, CS118, RS101, RS103]	E102, RE103]
MIL-STD-704F	Aircraft Electrical Power Characteristics	
MIL-STD-704E		
MIL-STD-704D		
MIL-STD-704C		
MIL-STD-704B		
MIL-STD-704A		
MIL-STD-704		277.111
MIL-HDBK-704-2	Guidance for Test Procedures for Demonstration Compliance to Aircraft Electrical Power Charact 400Hz, 115VAC	* *
MIL-HDBK-704-3	Guidance for Test Procedures for Demonstration Compliance to Aircraft Electrical Power Charact 400Hz, 115VAC	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	FREMONT2
MIL-HDBK-704-4	Guidance for Test Procedures for Demonstration of Utilization Equipment	
	Compliance to Aircraft Electrical Power Ch	naracteristics – Single Phase,
NAME AND AND ADDRESS OF THE PARTY OF THE PAR	Variable Frequency, 115VAC	
MIL-HDBK-704-5	Guidance for Test Procedures for Demonstration of Utilization Equipment	
	Compliance to Aircraft Electrical Power Ch	naracteristics – Three Phase,
MIL LIDDY 704 (	Variable Freugency, 115VAC	
MIL-HDBK-704-6	Guidance for Test Procedures for Demonstr	
	Compliance to Aircraft Electrical Power Ch 60Hz, 115VAC	laracteristics – Single Phase,
MIL-HDBK-704-7	Guidance for Test Procedures for Demonstr	ration of Utilization Equipment
	Compliance to Aircraft Electrical Power Ch	* *
MIL-HDBK-704-8	Guidance for Test Procedures for Demonstr	
	Compliance to Aircraft Electrical Power Ch	
RTCA/DO-160C	Environmental conditions and test procedur	
	[Sections: 15, 16, 17, 18, 19, 20, 21, & 22]	• •
RTCA/DO-160D/E/F/G	Environmental conditions and test procedur	res of airborne equipment.
	[Sections: 15, 16, 17, 18, 19, 20, 21, 22, &	
RTCA/DO-380	Environmental conditions and test procedur	
	equipment [Sections: 16, 19, 20, 21, 22, &	25]
DE EXPOCUPE		
RF EXPOSURE		g 11 01 1 11 11
IEC 62233	Measurement methods for electromagnetic	
IEC 62233: 2005	and similar apparatus with regard to human	exposure.
IEC 62311	Assessment of electronic and electrical equ	
IEC 62311: 2019 IEC 62479	exposure restrictions for electromagnetic fit	
IEC 62479 IEC 62479: 2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to	
ILC 02479. 2010	electromagnetic fields (10 MHz to 300 GHz)	
RSS-102	Radio Frequency (RF) Exposure Compliance of Radiocommunication	
1122 102	Apparatus (All Frequency Bands) [MPE Co.	
	Measurement and Nerve Stimulation Measi	
RSS-102.NS.MEAS	Measurement Procedure for Assessing Nerv	7 3
	Compliance in Accordance with RSS-102 [	
	Dropyer E derry Crain and	
	PRODUCT FAMILY STANDARDS:	
EUROPEAN NORM		
EN 12016	Electromagnetic compatibility - Product far	nily standard For lifts,
EN 12016: 2013	escalators and passenger conveyors - Immu	
EN 12016: 2004+A1		
EN 12016: 2004		
EN 12016: 1998		
EN 12184	Electrically Powered Wheelchairs, Scooters	•
EN 12184: 2022	Requirements And Test Methods [Section 1	[2.1; ISO 7176-21 Section 10]
EN 12184: 2014		
EN 13309: 2010	Construction machinery - Electromagnetic	
	internal electrical power supply [Sections 4.	.4, 4./, 4.8, 4.9]

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
EN 13763-26	Explosives for civil uses - Detonators and relays - Part 26 [Excluding
EN 13763-26: 2004	[A.4.8]
EN ISO 13766-1	Earth-moving and building construction machinery - Electromagnetic
EN ISO 13766-1: 2018	compatibility (EMC) of machines with internal electrical power supply -
	Part 1: General EMC requirements under typical electromagnetic
	environmental conditions [Sections 4.4, 4.7, 4.8, 4.9]
EN ISO 13766-2	Earth-moving and building construction machinery - Electromagnetic
EN ISO 13766-2: 2018	compatibility (EMC) of machines with internal electrical power supply - Part 2: Additional EMC requirements for functional safety
EN ISO 14982	Agricultural and forestry machinery - Electromagnetic compatibility -
EN ISO 14982: 2009	Test methods and acceptance criteria [Sections 6.3, 6.6, 6.7, 6.8]
EN 15194	Cycles – Electrically power assisted cycles – EPAC Bicycles [Section
EN 15194: 2017+A1	4.2.15.2]
EN 15194: 2017	
EN 15194: 2009+A1	
EN 15194: 2009	
EN 50065-2-1	Specification for signaling on low-voltage electrical installations in the
EN 50065-2-1: 2003+A1	frequency range (3 to 148.5) kHz – Part 2: Immunity requirements for
EN 50065-2-1: 2003	mains communications equipment and systems operating in the range of
	frequencies (95 to 1485) kHz
EN 50065-2-2	Signaling on low-voltage electrical installations in the frequency range
EN 50065-2-2: 2003+A1	(3 to 148,5) kHz. Immunity requirements for mains communications
EN 50065-2-2: 2003	equipment and systems operating in the range of frequencies
	(95 to 148,5) kHz
EN 50065-2-3	Signaling on low-voltage electrical installations in the frequency range
EN 50065-2-3: 2024	(3 kHz to 148.5) kHz. Immunity requirements for mains communications
EN 50065-2-3: 2003+A1	equipment and systems operating in the range of frequencies
EN 50065-2-3: 2003	(3 kHz to 95) kHz
EN 50083-2	Cable networks for television signals, sound signals and interactive
EN 50083-2: 2012+A1	services – Part 2 Electromagnetic compatibility for equipment [Sections
EN 50121-1	4.4, 4.6, 4.7, 4.8, 4.9]   Railway applications – Electromagnetic compatibility – Part 1: General
EN 50121-1 EN 50121-1: 2017	Ranway applications – Electromagnetic compatibility – Part 1: General
EN 50121-1: 2006+AC EN 50121-3-2	Railway applications – Electromagnetic compatibility – Part 3-2: Rolling
EN 50121-3-2: 2016+A1	stock – Apparatus [Section 8]
EN 50121-3-2: 2010 AT EN 50121-3-2: 2016	Stock - Apparatus [Section 6]
EN 50121-3-2. 2010 EN 50121-4	Railway applications – Electromagnetic compatibility – Part 4: Emission
EN 50121-4: 2016+A1	and immunity of the signaling and telecommunications apparatus [Section]
EN 50121-4: 2016	6
EN 50121-4. 2010 EN 50130-4	Alarm systems – Part 4: Electromagnetic compatibility – Product family
EN 50130-4: 2011+A1	standard – Immunity requirements for components of fire, intruder and
EN 50130-4: 2011	social alarm systems
ENV 50204: 1996	Radiated electromagnetic field from digital radio telephones – immunity
21.1. 2020 1. 1990	test (900 MHz and 5 MHz Keyed Carrier)
EN 50270	Electromagnetic compatibility – Electrical apparatus for the detection and
EN 50270: 2015+AC	measurement of combustible gases, toxic gases or oxygen [Section 5]
EN 50370-2	Electromagnetic Compatibility (EMC) – Product family standard for
EN 50370-2: 2003	machine tools – Part 2: Immunity
	1

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	FREMONT2
EN 50498	Electromagnetic Compatibility (EMC) – Pro-	
EN 50498: 2010	aftermarket electronic equipment in vehicles	
EN IEC 55014-2	Electromagnetic compatibility - Requiremen	ts for household appliances,
EN IEC 55014-1: 2021	electric tools and similar apparatus - Part 2: I	
EN 55014-2: 2015	standard	
EN 55014-2:		
1997+A1+A2+AC		
EN 55014-2: 1997+A1+AC		
EN 55014-2: 1997		
EN 55024: 2010+A1	Information technology equipment - Immuni	ty characteristics - Limits
EN 55024: 2010	and methods of measurement	•
EN 55035	Electromagnetic compatibility of multimedia	equipment - Immunity
EN 55035: 2017+A11	requirements	1 1
EN 55035: 2017		
EN 55103-2: 2009	Electromagnetic compatibility - Product fam	ily standard for audio, video.
	audio-visual and entertainment lighting contr	•
	use – Immunity	11 1
EN 60601-1-2	Medical electrical equipment - Part 1-2: Gen	eral requirements for safety -
EN 60601-1-2: 2015+A1	Collateral standard - Electromagnetic compa	*
EN 60601-1-2: 2015	tests [Section 8]	
EN 60601-1-2: 2007	[	
EN IEC 60601-2-2	Medical electrical equipment - Part 2-2: Part	icular requirements for the
EN IEC 60601-2-2:	safety of high frequency surgical equipment	
2018+A1	60601-1-2: 2015 section 8]	, ,
EN IEC 60601-2-2: 2018	,	
EN 60601-2-2: 2009+A11		
EN 60601-2-2: 2009		
EN 60601-2-4	Medical electrical equipment - Part 2-4: Part	icular requirements for the
EN 60601-2-4: 2011+A1	safety of cardiac defibrillators [Sections 201.	
EN 60601-2-4: 2011	2015 section 8]	
EN 60601-2-4: 2003	-	
EN 60601-2-10	Medical electrical equipment - Part 2-10: Par	rticular requirements for the
EN 60601-2-10:	safety of nerve and muscle stimulators [Secti	
2015+A1+A2	1-2 section 8]	
EN 60601-2-10: 2015+A1	_	
EN 60601-2-10: 2015		
EN 60601-2-10: 2001+A1		
EN 60601-2-10: 2001		
EN 60601-2-12: 2006	Medical electrical equipment - Part 2-12: Par	rticular requirements for the
	safety of lung ventilators - Critical care venti	lators [Section 36; EN
	60601-1-2: 2002 section 36.202]	
EN IEC 60601-2-22	Medical electrical equipment - Part 2-22: Par	
EN IEC 60601-2-22: 2020	safety of diagnostic and therapeutic laser equ	
EN 60601-2-22: 2013	60601-1-2 section 8]	
EN 60601-2-24	Medical electrical equipment - Part 2-24: Par	rticular requirements for the
EN 60601-2-24: 2015	safety of infusion pumps and controllers [Sec	
EN 60601-2-24: 1998	60601-1-2: 2007 section 6.2]	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FRE	MONT2
EN 60601-2-26: 2015	Part 2-26: Particular requirements for the basic safety an	d essential
	performance of electroencephalographs [Section 201.17,	
	60601-1-2: 2007 section 6.2]	
EN 60601-2-34	Medical electrical equipment - Part 2-34: Particular requ	irements for the
EN 60601-2-34: 2014	safety, including essential performance, of invasive bloo	
EN 60601-2-34: 2000	monitoring equipment [Sections 201.17, 202.6.2; EN 60	
	section 6.2]	
EN 60601-2-37	Medical electrical equipment - Part 2-37: Particular requ	irements for the
EN 60601-2-37: 2008+A1	safety of ultrasonic medical diagnostic and monitoring e	
EN 60601-2-37: 2008	[Sections 201.17, 202.6.2; EN 60601-1-2: 2015 section 8	A A
EN 60601-2-47	Medical electrical equipment - Part 2-47: Particular requ	
EN 60601-2-47: 2015	basic safety and essential performance of ambulatory ele	
EN 60601-2-47: 2001	systems [Sections 201.17, 202.6.2; EN 60601-1-2: 2007	
EN 60601-2-62	Medical electrical equipment - Part 2-62 Particular requi	
EN 60601-2-62: 2015	basic safety and essential performance of high intensity	
	ultrasound (HITU) equipment [Sections 201.17, 202.6.2,	
	2007 section 6.2]	,
EN ISO 80601-2-55	Medical electrical equipment. Particular requirements fo	or the basic safety
EN ISO 80601-2-55: 2018	and essential performance of respiratory gas monitors	·
	[Sections 201.17, 202.8; EN 60601-1-2:2015 section 8]	
EN 60730-1	Automatic electrical controls for household and similar u	use - Part 1:
EN 60730-1: 2016+A1+A2	General requirements [Section 26]	
EN 60730-1: 2016+A1		
EN 60730-1: 2016		
EN 60730-1: 2011		
EN IEC 60730-2-9	Automatic electrical controls for household and similar u	use - Part 2:
EN IEC 60730-2-9:	Particular requirements [Section 26]	
2019+A1+A2		
EN IEC 60730-2-9:		
2019+A1		
EN IEC 60730-2-9: 2019		
EN 60730-2-9: 2010		
EN 60945	Maritime navigation and radio communication equipmen	
EN 60945: 2002	General requirements - Methods of testing and required	test results
	[Section 10]	
EN IEC 61000-3-2	Electromagnetic Compatibility (EMC) - Part 3 Limits - S	
EN IEC 61000-3-2:	for harmonic current emissions (equipment input current	t ≤16 A per
2019+A1+A2	phase)	
EN IEC 61000-3-2:		
2019+A1		
EN IEC 61000-3-2: 2019		
EN 61000-3-2: 2014		
EN 61000-3-3	Electromagnetic Compatibility (EMC) - Part 3 Limits - S	
EN 61000-3-3:	Limitation of voltage fluctuations and flicker in low-volt	tage supply
2013+A1+A2	systems for equipment with rated current $\leq 16 \text{ A}$	
EN 61000-3-3: 2013+A1		
EN 61000-3-3: 2013		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
EN IEC 61000-6-1	Electromagnetic Compatibility (EMC) Generic standards - Immunity for
EN IEC 61000-6-1: 2019	residential, commercial, and light-industrial environments
EN 61000-6-1: 2007	
EN IEC 61000-6-2	Electromagnetic Compatibility (EMC) Generic standards - Immunity for
EN IEC 61000-6-2: 2019	industrial environments
EN 61000-6-2: 2005	
EN 61131-2	Programmable controllers, Equipment requirements and tests
EN 61131-2: 2007	[Section 8.3]
EN IEC 61204-3	Low voltage power supplies, DC output - Part 3: Electromagnetic
EN IEC 61204-3: 2018	Compatibility (EMC) [Section 7]
EN 61204-3: 2001	
EN IEC 61326-1	Electrical equipment for measurement, control and laboratory use - EMC
EN IEC 61326-1: 2021	requirements - Part 1: General requirements [Section 6]
EN 61326-1: 2013	
EN IEC 61326-2-1	Electrical equipment for measurement, control and laboratory use - EMC
EN IEC 61326-2-1: 2021	requirements - Part 2-1x Particular requirements - Test configurations,
EN 61326-2-1: 2013	operational conditions and performance criteria for sensitive test and
THE GOLD STATE OF THE STATE OF	measurement equipment for EMC unprotected applications [Section 6]
EN IEC 61326-2-2	Electrical equipment for measurement, control and laboratory use - EMC
EN IEC 61326-2-2: 2021	requirements - Part 2-2x Particular requirements - Test configurations,
EN 61326-2-2: 2013	operational conditions and performance criteria for portable test,
	measuring and monitoring equipment used in low-voltage distribution
ENLIEG (122( 2.2	systems [Section 6]
EN IEC 61326-2-3	Electrical equipment for measurement, control and laboratory use - EMC
EN IEC 61326-2-3: 2021	requirements - Part 2-3x Particular requirements - Test configurations,
EN 61326-2-3: 2013	operational conditions and performance criteria for transducers with
EN IEC 61326-2-5	integrated or remote signal conditioning [Section 6]  Electrical equipment for measurement, control and laboratory use - EMC
EN IEC 61326-2-5: 2021	requirements - Part 2-5x Particular requirements - Test configurations,
EN 61326-2-5: 2013	operational conditions and performance criteria for devices with field bus
E1 01320 2 3. 2013	interfaces according to IEC 61784-1 [Section 6]
EN IEC 61326-2-6	Electrical equipment for measurement, control and laboratory use - EMC
EN IEC 61326-2-6: 2021	requirements - Part 2-6 Particular requirements. In vitro diagnostic (IVD)
EN 61326-2-6: 2013	medical equipment [Section 6]
EN 61326-3-1	Electrical equipment for measurement, control and laboratory use - EMC
EN 61326-3-1: 2017	requirements - Part 3-1 Immunity requirements for safety-related systems
	and for equipment intended to perform safety-related functions
	(functional safety) - General industrial applications [Section 7]
EN IEC 61326-3-2	Electrical equipment for measurement, control and laboratory use - EMC
EN IEC 61326-3-2: 2018	requirements - Part 3-2 Immunity requirements for safety-related systems
EN 61326-3-2: 2008	and for equipment intended to perform safety-related functions
	(functional safety). Industrial applications with specified electromagnetic
	environment [Section 7]
EN IEC 61547	Equipment for general lighting purposes - EMC immunity requirements
EN IEC 61547: 2023	
EN 61547: 2009	
EN 61850-3	Communication Networks and Systems in Substations
EN 61850-3: 2014	[Section 6.7, excluding tests 10.3, 11.4, 12.6]

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
EN IEC 61851-21-2	Electric vehicle conductive charging system - Part 21-2: Electric vehicle
EN IEC 61851-21-2: 2021	requirements for conductive connection to an AC/DC supply - EMC
	requirements for off board electric vehicle charging systems [Section 5]
EN IEC 61967-4	Integrated circuits – Measurement of electromagnetic emissions Part 4:
EN IEC 61967-4: 2021	Measurement of conducted emissions - $1 \Omega/150\Omega$ direct coupling method
EN IEC 62040-2	Uninterruptible power systems (UPS) - Part 2: Electromagnetic
EN IEC 62040-2: 2018	compatibility (EMC) requirements [Section 6]
EN 62040-2: 2006+AC	
EN IEC 62061	Safety of machinery – functional safety of safety related electrical,
EN IEC 62061: 2021+A1	electronic & programmable control systems
EN IEC 62061: 2021	[2021: Section 6.6, 2005: Section 6.4.3]
EN 62061: 2005+A1+A2 EN 62233	Measurement methods for electromagnetic fields of household appliances
EN 62233: 2008	and similar apparatus with regard to human exposure.
EN 62233. 2008 EN IEC 62311	Assessment of electronic and electrical equipment related to human
EN IEC 62311: 2020	exposure restrictions for electromagnetic fields (up to 300 GHz)
EN 62311: 2008	emposate resultations for electromagnetic fields (up to 500 GHz)
EN 301 489-1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-1 v2.2.3	services; Part 1: Common technical requirements [Sections 7.2, 9]
EN 301 489-1 v2.1.1	1 [
EN 301 489-1 v1.9.2	
EN 301 489-2	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-2 v2.1.1	services Part 2: Specific conditions for radio paging equipment
	[Sections 7.2, 9]
EN 301 489-3	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-3 v2.3.2	services Part 3: Specific conditions for Short-Range Devices (SRD)
EN 301 489-3 v2.1.1	operating on frequencies between 9 kHz and 40 GHz [Sections 7.2, 9]
EN 301 489-4	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-4 v3.3.1	services Part 4: Specific conditions for fixed radio links and ancillary
EN 301 489-4 v3.2.1	equipment [Sections 7.2, 9]
EN 301 489-4 v3.1.1 EN 301 489-4 v2.2.1	
EN 301 489-5	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-5 v2.2.1	services Part 5: Specific conditions for Private land Mobile Radio (PMR)
21.301 103 3 12.2.1	and ancillary equipment (speech and non-speech) and Terrestrial Trunked
	Radio (TETRA) [Sections 7.2, 9]
EN 301 489-6	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-6 v2.2.1	services Part 6: Specific conditions for Digital Enhanced Cordless
	Telecommunications (DECT) equipment [Sections 7.2, 9]
EN 301 489-7	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-7 v1.3.1	services Part 7: Specific conditions for mobile and portable radio and
	ancillary equipment of digital cellular radio telecommunications systems
	(GSM and DCS) [Sections 7.2, 9]
EN 301 489-8	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-8 v1.2.1	services Part 8: Specific conditions for GSM base stations
	[Sections 7.2, 9]

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
EN 301 489-9	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-9 v2.1.1	services Part 9: Specific conditions for wireless microphones, similar
	Radio Frequency (RF) audio link equipment, cordless audio and in-ear
	monitoring devices [Sections 7.2, 9]
EN 301 489-10	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-10 v1.3.1	services Part 10: Specific conditions for First (CT1 and CT1+) and
	Second-Generation Cordless Telephone (CT2) equipment
	[Sections 7.2, 9]
EN 301 489-11	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-11 v1.3.1	services Part 11: Specific conditions for terrestrial sound broadcasting
	service transmitters [Sections 7.2, 9]
EN 301 489-12	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-12 v3.2.1	services Part 12: Specific conditions for Very Small Aperture Terminal,
EN 301 489-12 v3.1.1	Satellite Interactive Earth Stations operated in the frequency ranges
	between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS)
	[Sections 7.2, 9]
EN 301 489-13	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-13 v1.2.1	services Part 13: Specific conditions for Citizens' Band (CB) radio and
	ancillary equipment (speech and non-speech) [Sections 7.2, 9]
EN 301 489-14	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-14 v1.2.1	services Part 14: Specific conditions for analogue and digital terrestrial
	TV broadcasting service transmitters [Sections 7.2, 9]
EN 301 489-15	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-15 v2.2.1	services Part 15: Specific conditions for commercially available amateur
	radio equipment [Sections 7.2, 9]
EN 301 489-16	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-16 v1.2.1	services Part 16: Specific conditions for analogue cellular radio
	communications equipment, mobile and portable [Sections 7.2, 9]
EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-17 v3.2.4	services Part 17: Specific conditions for Broadband Data Transmission
EN 301 489-17 v3.1.1	Systems [Sections 7.2, 9]
EN 301 489-17 v2.2.1	
EN 301 489-18	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-18 v1.2.1	services Part 18: Specific conditions for Terrestrial Trunked Radio
	(TETRA) equipment [Sections 7.2, 9]
EN 301 489-19	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-19 v2.2.1	services Part 19: Specific conditions for Receive Only Mobile Earth
EN 301 489-19 v2.1.1	Stations (ROMES) operating in the 1,5 GHz band providing data
EN 301 489-19 v1.2.1	communications and GNSS receivers operating in the RNSS band
	providing positioning, navigation, and timing data [Sections 7.2, 9]
EN 301 489-20	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-20 v2.2.1	services Part 20: Specific conditions for Mobile Earth Stations (MES)
EN 301 489-20 v2.1.1	used in the Mobile Satellite Services (MSS) [Sections 7.2, 9]
EN 301 489-22	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-22 v2.1.1	services Part 22: Specific conditions for ground based aeronautical mobile
EN 301 489-22 v1.3.1	and fixed radio equipment; Harmonised Standard for ElectroMagnetic
	Compatibility [Sections 7.2, 9]

EN 301 489-23 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9  EN 301 489-24 V1.5.1 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9  EN 301 489-24 V1.5.1 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9  EN 301 489-24 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9  EN 301 489-24 V1.5.1 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9  EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9  EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9  EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9  EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ecceptions 7.2, 9	Direct Spread d ancillary
(UTRA and E-UTRA) Base Station (BS) radio, repeater and equipment [Sections 7.2, 9]  EN 301 489-24  EN 301 489-24 v1.5.1  ElectroMagnetic Compatibility (EMC) standard for radio educations for IMT-2000 CDMA (UTRA and E-UTRA) for Mobile and portable (UE) radio a equipment [Sections 7.2, 9]  EN 301 489-25  ElectroMagnetic Compatibility (EMC) standard for radio educations for IMT-2000 CDMA (UTRA and E-UTRA) for Mobile and portable (UE) radio a equipment [Sections 7.2, 9]	d ancillary quipment and
equipment [Sections 7.2, 9]  EN 301 489-24  EN 301 489-24 v1.5.1  ElectroMagnetic Compatibility (EMC) standard for radio eccessory services Part 24: Specific conditions for IMT-2000 CDMA (UTRA and E-UTRA) for Mobile and portable (UE) radio a equipment [Sections 7.2, 9]  EN 301 489-25  ElectroMagnetic Compatibility (EMC) standard for radio eccessory standard for eccessory standard for radio	quipment and
EN 301 489-24 EN 301 489-24 v1.5.1 ElectroMagnetic Compatibility (EMC) standard for radio ed services Part 24: Specific conditions for IMT-2000 CDMA (UTRA and E-UTRA) for Mobile and portable (UE) radio a equipment [Sections 7.2, 9] EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ed	
EN 301 489-24 EN 301 489-24 v1.5.1 ElectroMagnetic Compatibility (EMC) standard for radio ed services Part 24: Specific conditions for IMT-2000 CDMA (UTRA and E-UTRA) for Mobile and portable (UE) radio a equipment [Sections 7.2, 9] EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ed	
EN 301 489-24 v1.5.1 services Part 24: Specific conditions for IMT-2000 CDMA (UTRA and E-UTRA) for Mobile and portable (UE) radio a equipment [Sections 7.2, 9]  EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ec	
(UTRA and E-UTRA) for Mobile and portable (UE) radio a equipment [Sections 7.2, 9]  EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ed	
equipment [Sections 7.2, 9] EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ec	
EN 301 489-25 ElectroMagnetic Compatibility (EMC) standard for radio ec	J
	nuipment and
EN 301 489-25 v2.3.2 services Part 25: Specific conditions for CDMA 1x spread s	
Mobile Stations and ancillary equipment [Sections 7.2, 9]	A Committee
EN 301 489-26 ElectroMagnetic Compatibility (EMC) standard for radio ec	nuinment and
EN 301 489-26 v2.3.2 services Part 26: Specific conditions for CDMA 1x spread s	
Stations, repeaters and ancillary equipment [Sections 7.2, 9]	_
EN 301 489-27 ElectroMagnetic Compatibility (EMC) standard for radio ed	
EN 301 489-27 v2.2.1 Electrolylaghetic Compatibility (EMC) standard for radio ed services Part 27: Specific conditions for Ultra Low Power A	
Implants (ULP-AMI) and related peripheral devices (ULP-A	
operating in the 402 to 405 MHz bands [Sections 7.2, 9]	-AIVII-I )
EN 301 489-28 ElectroMagnetic Compatibility (EMC) standard for radio ec	guinment and
EN 301 489-28 v1.1.1 ElectroWagnetic Compatibility (EWC) standard for radio ec	
,	eo iliks
[Sections 7.2, 9]	
EN 301 489-29 ElectroMagnetic Compatibility (EMC) standard for radio ed	
EN 301 489-29 v2.2.1 services Part 29: Specific conditions for Medical Data Servi	
(MEDS) operating in the 401 MHz to 402 MHz and 405 MI	Hz to 406
MHz bands [Sections 7.2, 9]	
EN 301 489-31 ElectroMagnetic Compatibility (EMC) standard for radio ed	
EN 301 489-31 v2.2.1 services Part 31: Specific conditions for equipment in the 9	
EN 301 489-31 v2.1.1 kHz band for Ultra Low Power Active Medical Implants (U	LP-AMI) and
EN 301 489-31 v1.1.1 related peripheral devices (ULP-AMI-P) [Sections 7.2, 9]	
EN 301 489-33 ElectroMagnetic Compatibility (EMC) standard for radio ed	
EN 301 489-33 v2.2.1 services Part 33: Specific conditions for Ultra-Wide Band (	UWB)
communications devices [Sections 7.2, 9]	
EN 301 489-34 ElectroMagnetic Compatibility (EMC) standard for radio ec	
EN 301 489-34 v2.1.1 services Part 34: Specific conditions for External Power Sup	pply (EPS) for
mobile phones [Sections 7.2, 9]	
EN 301 489-35 ElectroMagnetic Compatibility (EMC) standard for radio ec	
EN 301 489-35 v2.2.1 services Part 35: Specific requirements for Low Power Acti	
Implants (LP-AMI) operating in the 2 483,5 MHz to 2 500 I	MHz bands
[Sections 7.2, 9]	
EN 301 489-50 ElectroMagnetic Compatibility (EMC) standard for radio ec	quipment and
EN 301 489-50 v2.3.1 services Part 50: Specific conditions for Cellular Communic	cation Base
EN 301 489-50 v2.2.1 Station (BS), repeater and ancillary equipment [Sections 7.2]	2, 9]
EN 301 489-51 ElectroMagnetic Compatibility (EMC) standard for radio ec	
EN 301 489-51 v2.1.1 services Part 51: Specific conditions for Automotive, Ground	
Vehicles and Surveillance Radar Devices using 24,05 GHz	to 24,25 GHz,
24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to	
[Sections 7.2, 9]	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
EN 301 489-52	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-52 v1.2.1	services; Part 52: Specific conditions for Cellular Communication User
	Equipment (UE) radio and ancillary equipment [Sections 7.2, 9]
EN 301 489-53	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-53 v1.1.1	services Part 53: Specific conditions for terrestrial sound broadcasting and
	digital TV broadcasting service transmitters and associated ancillary
	equipment [Sections 7.2, 9]
EN 301 489-54	ElectroMagnetic Compatibility (EMC) standard for radio equipment and
EN 301 489-54 v1.1.1	services; Part 54: Specific conditions for fixed ground based aeronautical
	and meteorological radars [Sections 7.2, 9]
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<b>EU DIRECTIVES</b>	
EU Regulation 167/2013	EU Regulation on the approval and market surveillance of agricultural
EU Regulation 2015/208	and forestry vehicles
EU Regulation 2018/829	
EU Regulation 2018/858	EU Regulation on the approval and market surveillance of motor vehicles
	and their trailers, and of systems, components and separate technical units
	intended for such vehicles
EU Regulation 168/2013	EU Regulation on the approval and market surveillance of two- or three-
	wheel vehicles and quadricycles
EU Regulation 2019/2144	EU Regulation on type-approval requirements for motor vehicles and
	their trailers, and systems, components and separate technical units
	intended for such vehicles, as regards their general safety and the
	protection of vehicle occupants and vulnerable road user
	•
UNITED NATIONS	
UN/ECE Addendum 9	Concerning the Adoption of Uniform Technical Prescription for Wheeled
Regulation 10	Vehicles, Equipment and Parts which can be Fitted and/or be Used on
Rev 6+A1+A2	Wheeled Vehicles and the Conditions for Reciprocal Recognition and
Rev 6+A1	Approvals Granted on the Basis of these Prescriptions.
Rev 6	Uniform provisions concerning the approval of vehicles with regard to
Rev 5+A1+A2	electromagnetic compatibility
Rev 5+A1	[Annexes 4 through 22]
Rev 5	
INTERNATIONAL	
IACS UR E10	Requirements concerning Electrical and Electronic Installations: Test
IACS UR E10 r10: 2024	Specification for Type Approval [Sections 3, 4, 9, 10, 13, 14, 15, 16, 17,
IACS UR E10 r09: 2023	[18]
IACS UR E10 r08: 2021	
IEC 60533	Electromagnetic compatibility of electrical and electronic installations in
IEC 60533: 2015	ships [Section 7]
IEC 60533: 1999	
IEC 60601-1-2	Medical electrical equipment - Part 1: General requirements for safety 2 -
IEC 60601-1-2: 2014+A1	Collateral standard - Electromagnetic compatibility - Requirements and
IEC 60601-1-2: 2014	tests [Section 8]

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
IEC 60601-2-2	Medical electrical equipment - Part 2-2: Particular requirements for the
IEC 60601-2-2: 2017	safety of high frequency surgical equipment [Sections 201.17, 202.8; IEC
IEC 60601-2-2: 2009	60601-1-2: 2014 section 8]
IEC 60601-2-4	Medical electrical equipment - Part 2-4 Particular requirements for the
	safety of cardiac defibrillators [Sections 201.17, 202.6.2; IEC 60601-1-2:
	2014 section 8]
IEC 60601-2-10	Medical electrical equipment - Part 2-10: Particular requirements for the
	safety of nerve and muscle stimulators [Section 201.17, 202.8; IEC]
	60601-1-2 section 8]
IEC 60601-2-12: 2001	Medical electrical equipment - Part 2-12 Particular requirements for the
	safety of lung ventilators - Critical care ventilators [Section 36; IEC
	60601-1-2: 2001 section 36.202]
IEC 60601-2-22	Medical electrical equipment - Part 2-22: Particular requirements for the
IEC 60601-2-22: 2019	safety of diagnostic and therapeutic laser equipment [Section 201.17; IEC
IEC 60601-2-22: 2007+A1	60601-1-2 section 8]
IEC 60601-2-24	Medical electrical equipment - Part 2-24 Particular requirements for the
	safety of infusion pumps and controllers [Sections 201.17, 202.6.2; IEC
	60601-1-2: 2007 section 6.2]
IEC 60601-2-26: 2012	Part 2-26: Particular requirements for the basic safety and essential
	performance of electroencephalographs [Section 201.17, 202.6.2; IEC
	60601-1-2: 2007 section 6.2]
IEC 60601-2-34	Medical electrical equipment - Part 2-34: Particular requirements for the
	basic safety and essential performance of invasive blood pressure
	monitoring equipment [Sections 201.17, 202.6.2; IEC 60601-1-2: 2007
	section 6.2]
IEC 60601-2-37	Medical electrical equipment - Part 2-37: Particular requirements for the
	basic safety and essential performance of ultrasonic medical diagnostic
	and monitoring equipment [Sections 201.17, 202.6.2; IEC 60601-1-2:
	2014 section 8]
IEC 60601-2-47	Medical electrical equipment - Part 2-47: Particular requirements for the
	safety, including essential performance, of ambulatory
	electrocardiographic systems. [Sections 201.17, 202.6.2; IEC 60601-1-2:
	2007 section 6.2]
IEC 60601-2-62	Medical electrical equipment - Part 2-62 Particular requirements for the
	basic safety and essential performance of high intensity therapeutic
	ultrasound (HITU) equipment [Sections 201.17, 202.6.2; IEC 60601-1-2:
	2007 section 6.2]
ISO 80601-2-55	Medical electrical equipment. Particular requirements for the basic safety
ISO 80601-2-55: 2018	and essential performance of respiratory gas monitors
	[Sections 201.17, 202.8; IEC 60601-1-2:2014 section 8]
IEC 60730-1	Automatic electrical controls for household and similar use - Part 1
	General requirements [Section 26]
IEC 60730-2-9	Automatic electrical controls for household and similar use – Part 2:
	Particular requirements [Section 26]
IEC 60945	Maritime navigation and radio communication equipment and systems -
IEC 60945: 2002	General requirements - Methods of testing and required test results
	[Section 10]
IEC 61000-6-1	Electromagnetic capability (EMC) - Part 6-1 Generic Standards -
IEC 61000-6-1: 2016	Immunity for residential, commercial, and light-industrial environments

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
IEC 61000-6-2	Electromagnetic Capability (EMC) - Part 6-2 Generic Standards -
IEC 61000-6-2: 2016	Immunity for industrial environments
IEC 61326-1	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-1: 2020	requirements - Part 1: General requirements [Section 6]
IEC 61326-1: 2012	requirements requirements [500000,00]
IEC 61326-1: 2005	
IEC 61326-2-1	Electrical equipment for measurement, control and laboratory use –
IEC 61326-2-1: 2020	EMC requirements - Part 2-1 Particular requirements - Test
IEC 61326-2-1: 2012	configurations, operational conditions and performance criteria for
IEC 61326-2-1: 2012 IEC 61326-2-1: 2005	sensitive test and measurement equipment for EMC unprotected
TEC 01320-2-1. 2003	applications [Section 6]
IEC 61326-2-2	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-2-2: 2020	requirements - Part 2-2 Particular requirements - Test configurations,
IEC 61326-2-2: 2012	operational conditions and performance criteria for portable test,
IEC 61326-2-2: 2005	measuring and monitoring equipment used in low-voltage distribution
	systems [Section 6]
IEC 61326-2-3	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-2-3: 2020	requirements - Part 2-3 Particular requirements - Test configurations,
IEC 61326-2-3: 2012	operational conditions and performance criteria for transducers with
IEC 61326-2-3: 2006	integrated or remote signal conditioning
IEC 61326-2-5	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-2-5: 2020	requirements - Part 2-5 Particular requirements - Test configurations,
IEC 61326-2-5: 2012	operational conditions and performance criteria for devices with field bus
IEC 61326-2-5: 2012	interfaces according to IEC 61784-1. [Section 6]
IEC 61326-2-6	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-2-6: 2020	requirements - Part 2-6 Particular requirements Test configurations,
IEC 61326-2-6: 2012	operational conditions and performance criteria In vitro diagnostic (IVD)
	•
IEC 61326-2-6: 2005	medical equipment [Section 6]
IEC 61326-3-1	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-3-1: 2017	requirements - Part 3-1 Immunity requirements for safety-related systems
IEC 61326-3-1: 2008	and for equipment intended to perform safety-related functions
	(functional safety) - General industrial applications. [Section 7]
IEC 61326-3-2	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-3-2: 2017	requirements - Part 3-2 Immunity requirements for safety-related systems
IEC 61326-3-2: 2008	and for equipment intended to perform safety-related functions
	(functional safety). Industrial applications with specified electromagnetic
	environment [Section 7]
IEC 61547	Equipment for general lighting purposes - EMC immunity requirements
IEC 61547: 2020	
IEC 61850-3	Communication Networks and Systems in Substations
IEC 61850-3: 2013	[Section 6.7.3, excluding tests 10.3, 11.4, 12.6]
IEC 61851-21-2	Electric vehicle conductive charging system - Part 21-2: Electric vehicle
IEC 61851-21-2: 2018	requirements for conductive connection to an AC/DC supply - EMC
	requirements for off board electric vehicle charging systems [Section 5]
IEC 61967-4	Integrated circuits – Measurement of electromagnetic emissions Part 4:
IEC 61967-4: 2021	Measurement of conducted emissions - $1\Omega / 150\Omega$ direct coupling method
IEC 62040-2	Uninterruptible power systems (UPS) - Part 2 Electromagnetic
IEC 62040-2: 2016	compatibility (EMC) requirements [Section 6]

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: FREMONT2
IEC 62061	Safety of machinery - functional safety of safety related electrical,
IEC 62061: 2021+A1	electronic & programmable control systems
IEC 62061: 2021	[2021: Section 6.6, 2005: Section 6.4.3]
ISO 22200: 2009	Electromagnetic compatibility — Product family standard for lifts,
	escalators and moving walks — Immunity
KOREA, REPUBLIC OF	
KS C 9814-2	CISPR 14-2: 2020
KS C 9835	CISPR 35: 2016
KS B 6945	EN 12016: 2013
KS X 3124	EN 301 489-01 v2.1.1 [7.2, 9]
KS X 3137	EN 301 489-02 v1.3.1 [7.2, 9]
KS X 3125	EN 301 489-03 v1.6.1 [7.2, 9]
KS X 3127	EN 301 489-05 v1.3.1 [7.2, 9]
KS X 3128	EN 301 489-06 v1.4.1 [7.2, 9]
KS X 3129	EN 301 489-52 v1.1.0 [7.2, 9]
KS X 3130	EN 301 489-09 v1.4.1 [7.2, 9]
KS X 3131	EN 301 489-13 v1.2.1 [7.2, 9]
KS X 3136	EN 301 489-15 v2.1.1 [7.2, 9]
KS X 3126	EN 301 489-17 v2.1.1 [7.2, 9]
KS X 3132	EN 301 489-18 v1.3.1 [7.2, 9]
KS X 3139	EN 301 489-20 v1.2.1 [7.2, 9]
KS X 3134	EN 301 489-27 v2.1.1 [7.2, 9]
KS X 3138	EN 301 489-32 v1.1.1 [7.2, 9]
KS X 3135	EN 301 489-50 v2.1.1 [7.2, 9]
KS C IEC 60601-1-2	IEC 60601-1-2: 2014+A1 [8]
KS C IEC 60601-1-2: 2012	IEC 60601-1-2: 2007 [6.2]
KS X 3140	IEC 60945: 2002; IEC 60533: 1999 [Section 5]
KS C 9610-6-1	IEC 61000-6-1: 2016
KS C 9610-6-2	IEC 61000-6-2: 2016
KS C 9547	IEC 61547: 2009
<b>VIETNAM</b>	
TCVN 7317: 2003	Information technology equipment - Immunity characteristics - Limits
	and methods of measurement
<u>UNITED STATES</u>	
Telcordia GR-1089-CORE	Electromagnetic Compatibility and Electrical Safety - Generic Criteria for
2017	Network Telecommunications Equipment. [Sections: 2, 3.3, & 4]

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STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA		
	Core Measurement Methods:		
RADIATED / CONDUCTE	RADIATED / CONDUCTED EMISSIONS		
ANSI C63.4 ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz		
CISPR 11 CISPR 11: 2015+A1+A2 CISPR 11: 2015+A1 CISPR 11: 2015 CISPR 11: 2009+A1 CISPR 11: 2009 CISPR 11: 2003	Industrial, scientific and medical (ISM) radio-frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement		
CISPR 14-1 CISPR 14-1: 2020 CISPR 14-1: 2016 CISPR 14-1: 2005+A1 CISPR 14-1: 2005	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1 Emission [excluding clicks]		
CISPR 15 CISPR 15: 2018	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment		
CISPR 22: 2008 CISPR 22: 2005+A1+A2 CISPR 22: 2005+A1 CISPR 22: 2005	Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement [table top equipment only for testing above 1 GHz]		
CISPR 32 CISPR 32: 2015+A1 CISPR 32: 2015 CISPR 32: 2012+C1+C2	Electromagnetic compatibility of multimedia equipment - Emission Requirements		
ICES-001 ICES-003	Industrial, Scientific and Medical (ISM) radio frequency generators Information Technology Equipment (ITE) - Limits and methods of measurement		
ICES-004	Alternating current high voltage power systems		
ICES-005	Radio frequency lighting devices		
ICES-006	AC Wire Carrier Current Devices (Unintentional Radiators)		
ICES-GEN	General Requirements for Compliance of Interference-Causing Equipment		
IEC 61000-3-2 IEC 61000-3-2: 2018+A1+A2 IEC 61000-3-2: 2018+A1 IEC 61000-3-2: 2018	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 2 Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	BREA
IEC 61000-3-3	Electromagnetic Compatibility (EMC) – Part 3 L	imits – Section 3 –
IEC 61000-3-3:	Limitation of voltage fluctuations and flicker in low-voltage supply	
2013+A1+A2	systems for equipment with rated current $\leq 16 \text{ A}$	
IEC 61000-3-3: 2013+A1		
IEC 61000-3-3: 2013		
FCC MP-5: 1986	Methods of measurements of radio noise emission	ons from industrial
1 00 1/11 2. 1700	scientific and medical equipment	ns nom maasman,
	Solomino una monour oguipment	
IMMUNITY		
CISPR 14-2	Electromagnetic compatibility - Requirements for	or household appliances.
CISPR 14-2: 2020	electric tools, and similar apparatus - Part 2 Imm	unity - Product family
CISPR 14-2: 2015	standard	110000010111111
CISPR 14-2:1997+A1+A2		
CISPR 14-2:1997+A1		
CISPR 14-2:1997		
CISPR 24: 2010+A1	Information technology equipment - Immunity cl	haracteristics - Limits
CISPR 24: 2010	and methods of measurement	Initiation Diffito
CISPR 24: 1997+A1+A2	and memous of measurement	
CISPR 24: 1997+A1		
CISPR 24: 1997		
CISPR 35	Electromagnetic compatibility of multimedia equ	uinment - Immunity
CISPR 35: 2016	requirements	
ENV 50204: 1996	Radiated electromagnetic field from digital radio	telenhones - immunity
E11 V 30204. 1990	test (900 MHz, 5 MHz keyed carrier)	telephones - illimumity
IEC 61000-4-2	Electromagnetic compatibility (EMC) - Part 4-2	Testing and measurement
IEC 61000 1 2 IEC 61000-4-2: 2008	techniques - Electrostatic discharge immunity tes	
IEC 61000-4-2:	teeningues Electrostatic discharge minimumity tee	
1995+A1+a2		
IEC 61000-4-3	Electromagnetic compatibility (EMC) - Part 4-3	Testing and measurement
IEC 61000-4-3: 2020	techniques - Radiated, radio-frequency, electrom	
IEC 61000-4-3:	test	
2006+A1+A2		
IEC 61000-4-3: 2006+A1		
IEC 61000-4-3: 2006		
IEC 61000-4-4	Electromagnetic compatibility (EMC) - Part 4-4	Testing and measurement
IEC 61000-4-4: 2012	techniques - Electrical fast transient/burst immur	
IEC 61000-4-4: 2004+A1		•
IEC 61000-4-4: 2004		
IEC 61000-4-5	Electromagnetic compatibility (EMC) - Part 4-5	Testing and measurement
IEC 61000-4-5: 2014+A1	techniques - Surge immunity test	
IEC 61000-4-5: 2014		
IEC 61000-4-5: 2005		
IEC 61000-4-6	Electromagnetic compatibility (EMC) - Part 4-6	Testing and measurement
IEC 61000-4-6: 2023	techniques - Immunity to conducted disturbances	
IEC 61000-4-6: 2013	frequency fields	,
IEC 61000-4-6: 2008	1	
IEC 61000-4-6: 2003+A1		
IEC 61000-4-6: 2003		
IEC 61000-4-6: 1996+A1		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
IEC 61000-4-8	Electromagnetic compatibility (EMC) - Part 4 Testing and measurement	
IEC 61000-4-8: 2009	techniques - Section 8 Power frequency magnetic field immunity test	
IEC 61000-4-8: 1993+A1	basic EMC publication	
IEC 61000-4-8: 1993		
IEC 61000-4-11	Electromagnetic compatibility (EMC) - Part 4 Testing and measuring	
IEC 61000-4-11: 2020	techniques - Section 11 Voltage dips, short interruptions and voltage	
IEC 61000-4-11: 2004+A1	variations immunity tests	
IEC 61000-4-11: 2004	Talianions minianity tosts	
IEC 61000-4-11: 1994+A1		
IEC 61000-4-11: 1994		
IEC 61000-4-12	Electromagnetic Compatibility (EMC) - Part 4-12: Testing and	
IEC 61000-4-12: 2017	measurement techniques - Ring wave immunity test	
IEC 61000-4-12. 2017	Electromagnetic compatibility (EMC) - Part 4-13 Testing and	
IEC 61000-4-13:	measurement techniques - Harmonics and interharmonics including mains	
2002+A1+A2		
IEC 61000-4-39	signaling at A.C. power port, low frequency immunity tests	
	Electromagnetic compatibility (EMC) – Part 4-39: Testing and	
IEC 61000-4-39: 2017	measurement techniques – Radiated fields in close proximity – Immunity	
	test [9 kHz to 26 MHz]	
MADITIME		
MARITIME		
DNV-CG-0339	Class Guideline: Environmental test specification for electrical, electronic	
DNV-CG-0339: 2021	and programmable equipment and systems	
DNVGL-CG-0339: 2019	[Sections 3.4, 3.5, 3.12, 3.13, & 3.14]	
DNVGL-CG-0339: 2016		
RADIO / WIRELESS		
ANSI C63.10	American National Standard for Testing Unlicensed Wireless Devices	
ANSI C63.10: 2020		
ANSI C63.10: 2013		
ANSI C63.17	American National Standard for Methods of Measurement of the	
ANSI C63.17: 2013	Electromagnetic and Operational Compatibility of Unlicensed Personal	
	Communications Services (UPCS) Devices	
ANSI C63.26	American National Standard for Compliance Testing of Transmitters	
ANSI C63.26: 2015	Used in Licensed Radio Services	
ANSI C63.30	American National Standard for Methods of Measurements of Radio-	
ANSI C63.30: 2021	Frequency Emissions from Wireless Power Transfer Equipment	
ANSI/TIA-603E	Land mobile FM or PM communications equipment measurement and	
TIA-102.CAAA-E	performance standards	
FCC KDB 905462 D02	U-NII with DFS Intentional Radiators	
FCC KDB 905462 D02 v02		
EN 300 086	Land Mobile Service; Radio equipment with an internal or external RF	
EN 300 086 v2.1.2	connector intended primarily for analogue speech	
EN 300 080 V2.1.2 EN 300 113	Land Mobile Service; Radio equipment intended for the transmission of	
EN 300 113 EN 300 113 v3.1.1		
	data (and/or speech) using constant or non-constant envelope modulation	
EN 300 113 v2.2.1	and having an antenna connector	
EN 300 219 EN 300 219 v2.1.1	Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver	
EIN 300 217 V2.1.1	specific response in the receiver	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA		
EN 300 220-1	Short Range Devices (SRD) operating in the frequency range 25 N	//Hz to	
EN 300 220-1 v3.1.1	1 000 MHz; Part 1: Technical characteristics and methods of		
	measurement		
EN 300 220-2	Short Range Devices (SRD) operating in the frequency range 25 M	/IHz to	
EN 300 220-2 v3.2.1	1 000 MHz; Part 2: Harmonised Standard for access to radio spect		
EN 300 220-2 v3.1.1	non-specific radio equipment		
EN 300 220-3-1	Short Range Devices (SRD) operating in the frequency range 25 N	//Hz to	
EN 300 220-3-1 v2.1.1	1 000 MHz; Part 3-1: Low duty cycle high reliability equipment, social		
	alarms equipment operating on designated frequencies,		
	869,200 MHz to 869,250 MHz		
EN 300 220-3-2	Short Range Devices (SRD) operating in the frequency range 25 M	/IHz to	
EN 300 220-3-2 v1.1.1	1 000 MHz; Part 3-2: Wireless alarms operating in designated LDC/HR		
	frequency bands 868,60 MHz to 868,70 MHz,		
	869,25 MHz to 869,40 MHz, 869,65 MHz to 869,70 MHz		
EN 300 220-4	Short Range Devices (SRD) operating in the frequency range 25 N		
EN 300 220-4 v1.1.1	1 000 MHz; Part 4: Metering devices operating in designated band	l	
	169,400 MHz to 169,475 MHz		
EN 300 224		Land Mobile Service; Radio Equipment for use in a Paging Service	
EN 300 224 v2.1.1	operating within the frequency range 25 MHz - 470 MHz		
EN 300 328	Wideband transmission systems; Data transmission equipment operating		
EN 300 328 v2.2.2	in the 2,4 GHz band; Harmonised Standard for access to radio spectrum		
EN 300 328 v2.1.1			
EN 300 330	Short Range Devices (SRD); Radio equipment in the frequency range		
EN 300 330 v2.1.1	9 kHz to 25 MHz and inductive loop systems in the frequency range		
	9 kHz to 30 MHz		
EN 300 422-1	Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Class A		
EN 300 422-1 v2.2.1	Receivers		
EN 300 422-1 v2.1.2			
EN 300 422-1 v1.4.2	Wild Mile to the Direct Control of the Control of t		
EN 300 422-2	Wireless Microphones; Audio PMSE up to 3 GHz; Part 2: Class B	,	
EN 300 422-2 v2.1.1	Receivers		
EN 300 422-3	Wireless Microphones; Audio PMSE up to 3 GHz; Part 3: Class C	;	
EN 300 422-3 v2.1.1	Receivers		
EN 300 422-4	Wireless Microphones; Audio PMSE up to 3 GHz; Part 4: Assistiv		
EN 300 422-4 v2.1.1	Listening Devices including personal sound amplifiers and inducti	ive	
EN 300 433	systems (up to 3 GHz)  Citizens' Rand (CR) radio aguinment		
EN 300 433 EN 300 433 v2.1.1	Citizens' Band (CB) radio equipment		
EN 300 433 V2.1.1 EN 300 440	Short Range Devices (SRD); Radio equipment to be used in the 1	CH2 to	
EN 300 440 EN 300 440 v2.2.1	40 GHz frequency range; Harmonised Standard for access to radio		
EN 300 440 v2.2.1 EN 300 440 v2.1.1	spectrum	,	
EN 300 440 V2.1.1 EN 300 454-2	Electromagnetic Compatibility and Radio Spectrum Matters (ERM	<u>(1) -</u>	
EN 300 454-2 v1.1.1	Wide band audio links	1) -	
EN 300 434-2 VI.I.I	Satellite Earth Stations and Systems (SES); Harmonised Standard	for	
EN 300 487 v2.1.2	Receive-Only Mobile Earth Stations (ROMES) providing data	101	
211 300 107 12.1.2	communications operating in the 1,5 GHz frequency band		
EN 301 357	Cordless audio devices in the range 25 MHz to 2 000 MHz		
EN 301 357 EN 301 357 v2.1.1	Cordioss audio devices in the range 25 will to 2 000 will		
11.1 301 337 12.1.1	I		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	BREA	
EN 301 502	Global System for Mobile communications (GS)	M); Base station and	
EN 301 502 v12.5.2	repeater equipment		
EN 301 893	Wireless Access Systems; 5GHz Radio Local Area Network (RLAN)		
EN 301 893 v2.1.1	[excluding section 5.4.9.3.2.4.1]		
EN 301 908-1	IMT Cellular Networks; Base Stations (BS) and Repeaters		
EN 301 908-1 v15.2.1	Part 1: Introduction and common requirements	<b>r</b>	
EN 301 908-1 v15.1.1	7	Ture 1. Introduction and common requirements	
EN 301 908-1 v13.1.1			
EN 301 908-3	IMT Cellular Networks; Base Stations (BS) and	Reneaters	
EN 301 908-3 v15.1.1	Part 3: CDMA Direct Spread (UTRA FDD) Bas		
EN 301 908-3 v13.1.1	Tures. estimasmos sproud (e marass) sus		
EN 301 908-5	IMT Cellular Networks; Base Stations (BS) and	Reneaters	
EN 301 908-5 v5.2.1	Part 5: CDMA Multi-Carrier (cdma2000) Base S	-	
EN 301 908-7	IMT Cellular Networks; Base Stations (BS) and		
EN 301 908-7 v5.2.1	Part 7: CDMA TDD (UTRA TDD) Base Station	•	
EN 301 908-7 V3.2.1 EN 301 908-9	IMT Cellular Networks; Base Stations (BS) and		
EN 301 908-9 EN 301 908-9 v1.1.1	Part 9: Harmonized EN for IMT-2000, TDMA S		
EN 301 908-9 VI.I.I	Base Station	single-Carrier (OWC 130)	
EN 201 009 11		Damastans	
EN 301 908-11	IMT Cellular Networks; Base Stations (BS) and		
EN 301 908-11 v11.1.2	Part 11: CDMA Direct Spread (UTRA FDD) Repeaters		
EN 301 908-12	IMT Cellular Networks; Base Stations (BS) and Repeaters		
EN 301 908-12 v7.1.1	Part 12: CDMA Multi-Carrier (cdma2000) Repeaters		
EN 301 908-14	IMT Cellular Networks; Base Stations (BS) and Repeaters		
EN 301 908-14 v15.1.1	Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base		
EN 301 908-14 v13.1.1	Stations		
EN 301 908-15	IMT Cellular Networks; Base Stations (BS) and		
EN 301 908-15 v15.1.1	Part 15: Evolved Universal Terrestrial Radio Ac	cess (E-UTRA FDD)	
EN 301 908-15 v11.1.2	Repeaters		
EN 301 908-17	IMT Cellular Networks; Base Stations (BS) and		
EN 301 908-17 v4.2.1	Part 17: Harmonized EN for IMT-2000, Evolved	d CDMA Multi-Carrier	
	Ultra Mobile Broadband (UMB) Base Station		
EN 301 908-18	IMT Cellular Networks; Base Stations (BS) and		
EN 301 908-18 v15.1.1	Part 18: E-UTRA, UTRA and GSM/EDGE Mul	ti-Standard Radio (MSR)	
EN 301 908-18 v13.1.1	Base Station		
EN 301 908-20	IMT Cellular Networks; Base Stations (BS) and		
EN 301 908-20 v6.3.1	Part 20: OFDMA TDD WMAN (Mobile WiMA	,	
EN 301 908-22	IMT Cellular Networks; Base Stations (BS) and		
EN 301 908-22 v6.1.1	Part 22: OFDMA TDD WMAN (Mobile WiMA	,	
EN 302 064	Wireless Video Links operating in the 1,3 GHz t	to 50 GHz frequency band	
EN 302 064 v2.1.1			
EN 302 064-2 v1.1.1			
EN 302 065-1	Short Range Devices (SRD) using Ultra Wide B	and technology (UWB);	
EN 302 065-1 v2.1.1	Part 1: Requirements for Generic UWB applicat	ions	
EN 302 065-2	Short Range Devices (SRD) using Ultra Wide Band technology (UWB);		
EN 302 065-2 v2.1.1	Part 2: Requirements for UWB location tracking		
EN 302 066	Short Range Devices (SRD); Ground- and Wall-		
EN 302 066 v2.2.1	applications (GPR/WPR) imaging systems	J	

EN 302 195 v2.1.1  EN 302 208  EN 302 208  EN 302 208 v3.4.1  EN 302 208 v3.3.1  EN 302 208 v3.3.1  EN 302 208 v3.1.1  EN 302 208 v3.1.1  EN 302 326-2  EN 302 326-2  EN 302 326-2 v2.1.1  EN 302 502  EN 302 502  EN 302 502  EN 302 645  EN 302 645  EN 302 645  EN 303 413  EN 303 413  EN 303 413  EN 303 413  EN 303 413 v1.2.1  EN 303 417  EN 303 417  EN 303 417  EN 303 446-1  EN 303 446-1  (ULP-AMI) and accessories (Urange (9 to 315) kHz  Radio Frequency Identification 865 MHz to 868 MHz with power (915 to 921) MEZ with power (915	int equipment and antennas; equipment  S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
range (9 to 315) kHz  EN 302 208 EN 302 208 v3.4.1 EN 302 208 v3.3.1 EN 302 208 v3.1.1 EN 302 326-2 EN 302 326-2 v2.1.1 EN 302 326-2 v1.2.2 EN 302 502 EN 302 502 EN 302 502 EN 302 645 EN 302 645 EN 302 645 EN 303 413 EN 303 413 EN 303 413 EN 303 413 EN 303 417 EN 303 417 EN 303 446-1  range (9 to 315) kHz Radio Frequency Identification 865 MHz to 868 MHz with power (915 to 921) MHz with powe	int equipment and antennas; equipment  S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 208 v3.4.1 865 MHz to 868 MHz with power EN 302 208 v3.3.1 (915 to 921) MHz with power EN 302 208 v3.1.1  EN 302 326-2 Fixed Radio Systems; Multipotent Part 2: digital multipoint radio EN 302 326-2 v1.2.2  EN 302 502 Wireless Access Systems (WA EN 302 502 v2.1.1 EN 302 645 Electromagnetic compatibility range devices; Global navigation EN 303 413 v1.2.1 System (GNSS) receivers; Radio EN 303 413 v1.1.1 164 MHz to 1 300 MHz and EN 303 417 V1.1.1 frequency beam in the 19 - 21 100 - 300 kHz, 6 765 - 6 795 k  EN 303 446-1 ElectroMagnetic Compatibility Floron System (GNSS) receivers (Frequency beam in the 19 - 21 100 - 300 kHz, 6 765 - 6 795 k  EN 303 446-1 ElectroMagnetic Compatibility Floron System (GNSS) receivers; Radio ElectroMagnetic Compatibility Frequency beam in the 19 - 21 100 - 300 kHz, 6 765 - 6 795 k  ElectroMagnetic Compatibility Floron System (GNSS) receivers; Radio Power Frequency beam in the 19 - 21 100 - 300 kHz, 6 765 - 6 795 k  ElectroMagnetic Compatibility Floron System (GNSS) Frequency beam in the 19 - 21 100 - 300 kHz, 6 765 - 6 795 k  ElectroMagnetic Compatibility Floron System (GNSS) Frequency beam in the 19 - 21 100 - 300 kHz, 6 765 - 6 795 k  ElectroMagnetic Compatibility Floron System (GNSS) Frequency beam in the 19 - 21 100 - 300 kHz, 6 765 - 6 795 k	wer levels up to 2 W and in the band levels up to 4 W  int equipment and antennas; equipment  S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 208 v3.4.1 EN 302 208 v3.3.1 EN 302 208 v3.1.1  EN 302 326-2 EN 302 326-2 v2.1.1 EN 302 326-2 v1.2.2  EN 302 502 EN 302 502 EN 302 645 EN 302 645 EN 302 645 EN 303 413 EN 303 413 EN 303 413 EN 303 417 EN 303 417 EN 303 417 EN 303 417 EN 303 446-1  EN 303 446-1  Separate to 868 MHz with power to 868 MEz with power to 868 M	wer levels up to 2 W and in the band levels up to 4 W  int equipment and antennas; equipment  S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 208 v3.4.1 EN 302 208 v3.3.1 EN 302 208 v3.1.1  EN 302 326-2 EN 302 326-2 v2.1.1 EN 302 326-2 v1.2.2  EN 302 502 EN 302 502 EN 302 645 EN 302 645 EN 302 645 EN 303 413 EN 303 413 EN 303 413 EN 303 417 EN 303 417 EN 303 417 EN 303 446-1  EN 303 446-1  Set	wer levels up to 2 W and in the band levels up to 4 W  int equipment and antennas; equipment  S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 208 v3.1.1  EN 302 326-2  EN 302 326-2 v2.1.1  EN 302 326-2 v1.2.2  EN 302 502  EN 302 502  EN 302 502 v2.1.1  EN 302 645  EN 302 645  EN 302 645 v1.1.1  EN 303 413  EN 303 413  EN 303 417  EN 303 446-1  EN 303 446-1  Fixed Radio Systems; Multipolity radio  Part 2: digital multipoint radio  Wireless Access Systems (WA 5,8 GHz fixed broadband data Electromagnetic compatibility range devices; Global navigation system (GNSS) receivers; Radion System (GNS	int equipment and antennas; equipment  S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 326-2 v2.1.1 EN 302 326-2 v1.2.2 EN 302 502 EN 302 502 v2.1.1 EN 302 645 EN 302 645 EN 303 413 EN 303 413 EN 303 413 EN 303 417 EN 303 417 EN 303 417 EN 303 446-1  EN 303 446-1  Fixed Radio Systems; Multipor Part 2: digital multipoint radio  Part 2: digital multipoint radio  Systems (WA 5,8 GHz fixed broadband data  Electromagnetic compatibility range devices; Global navigation  Satellite Earth Stations and Systems (WA 5,8 GHz fixed broadband data  Electromagnetic compatibility range devices; Global navigation  System (GNSS) receivers; Rad  1 164 MHz to 1 300 MHz and  Wireless power transmission systems (WA 5,6 765 - 6 795 k)  EN 303 446-1  ElectroMagnetic Compatibility  ElectroMagnetic Compatibility	S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 326-2 v2.1.1 EN 302 326-2 v1.2.2  EN 302 502 EN 302 502 v2.1.1 EN 302 645 EN 302 645 v1.1.1 EN 303 413 EN 303 413 EN 303 413 v1.2.1 EN 303 417 EN 303 417 EN 303 417 EN 303 417 EN 303 446-1  EN 303 446-1  Part 2: digital multipoint radio Wireless Access Systems (WA 5,8 GHz fixed broadband data Electromagnetic compatibility range devices; Global navigation Satellite Earth Stations and System (GNSS) receivers; Rad 1 164 MHz to 1 300 MHz and Wireless power transmission system (GNSS) receivers 100 - 300 kHz, 6 765 - 6 795 k ElectroMagnetic Compatibility	S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 326-2 v1.2.2  EN 302 502  EN 302 502 v2.1.1  EN 302 645  EN 302 645  EN 302 645 v1.1.1  EN 303 413  EN 303 413  EN 303 413 v1.2.1  EN 303 413 v1.1.1  EN 303 417 v1.1.1  EN 303 417  EN 303 417  EN 303 446-1  EN 303 446-1  EN 303 446-1  Wireless Access Systems (WA 5,8 GHz fixed broadband data Electromagnetic compatibility range devices; Global navigation system (GNSS) receivers; Rade MHz to 1 300 MHz and EN 303 417 v1.1.1  EN 303 417  ElectroMagnetic Compatibility ElectroMagnetic Compatibility ElectroMagnetic Compatibility	S); transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 502 EN 302 502 v2.1.1 S,8 GHz fixed broadband data EN 302 645 Electromagnetic compatibility range devices; Global navigation EN 303 413 EN 303 413 v1.2.1 EN 303 413 v1.1.1 System (GNSS) receivers; Rade (GNSS) and EN 303 413 v1.1.1 EN 303 417 EN 303 417 EN 303 417 EN 303 417 EN 303 446-1 ElectroMagnetic Compatibility Fixed broadband data Fixed broadband d	transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 502 v2.1.1  EN 302 645  EN 302 645 v1.1.1  EN 303 413  EN 303 413 v1.2.1  EN 303 413 v1.1.1  EN 303 417 v1.1.1  EN 303 417 v1.1.1  EN 303 446-1  EN 303 446-1  Satellite Earth Stations and System (GNSS) receivers; Rad Wireless power transmission system (GNSS) receivers and En 303 417 v1.1.1  EN 303 446-1  ElectroMagnetic Compatibility range devices; Global navigation and System (GNSS) receivers; Rad United System (GN	transmitting systems and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 645         Electromagnetic compatibility range devices; Global navigations and System (GNSS) receivers; Rad System (GNSS) receivers; Rad EN 303 413 v1.1.1         Satellite Earth Stations and System (GNSS) receivers; Rad In 164 MHz to 1 300 MHz and In 164 MH	and radio spectrum matters (ERM); Short on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 302 645 v1.1.1 range devices; Global navigation EN 303 413 Satellite Earth Stations and System (GNSS) receivers; Rade EN 303 413 v1.1.1 System (GNSS) receivers; Rade EN 303 413 v1.1.1 164 MHz to 1 300 MHz and EN 303 417 Wireless power transmission system (GNSS) receivers; Rade EN 303 417 v1.1.1 Frequency beam in the 19 - 21 in 100 - 300 kHz, 6 765 - 6 795 km EN 303 446-1 ElectroMagnetic Compatibility	on satellite systems (GNSS) repeaters stems (SES); Global Navigation Satellite io equipment operating in the
EN 303 413 EN 303 413 v1.2.1 System (GNSS) receivers; Rad EN 303 413 v1.1.1  EN 303 417 EN 303 417 EN 303 417 v1.1.1  EN 303 417 v1.1.1  EN 303 446-1  Satellite Earth Stations and System (GNSS) receivers; Rad Usystem (GNSS) receivers; Rad Wireless power transmission system in the 19 - 21 in 100 - 300 kHz, 6 765 - 6 795 k EN 303 446-1  ElectroMagnetic Compatibility	stems (SES); Global Navigation Satellite io equipment operating in the
EN 303 413 v1.2.1 System (GNSS) receivers; Rad EN 303 413 v1.1.1 164 MHz to 1 300 MHz and EN 303 417 Wireless power transmission system (GNSS) receivers; Rad 1 164 MHz to 1 300 MHz and Wireless power transmission system (GNSS) receivers; Rad 1 100 and 1 100 MHz and 1	io equipment operating in the
EN 303 413 v1.2.1 System (GNSS) receivers; Rad EN 303 413 v1.1.1 1 164 MHz to 1 300 MHz and EN 303 417 Wireless power transmission system (GNSS) receivers; Rad 1 164 MHz to 1 300 MHz and 1 100 - 300 kHz, 6 765 - 6 795 k EN 303 446-1 ElectroMagnetic Compatibility	io equipment operating in the
EN 303 413 v1.1.1 1 164 MHz to 1 300 MHz and EN 303 417 Wireless power transmission sy frequency beam in the 19 - 21 1 100 - 300 kHz, 6 765 - 6 795 k EN 303 446-1 ElectroMagnetic Compatibility	
EN 303 417 EN 303 417 v1.1.1 Wireless power transmission sy frequency beam in the 19 - 21 1 100 - 300 kHz, 6 765 - 6 795 k EN 303 446-1 ElectroMagnetic Compatibility	1 559 MHz to 1 610 MHz frequency bands
EN 303 417 v1.1.1 frequency beam in the 19 - 21 1 100 - 300 kHz, 6 765 - 6 795 k EN 303 446-1 ElectroMagnetic Compatibility	ystems, using technologies other than radio
EN 303 446-1 ElectroMagnetic Compatibility	kHz, 59 - 61 kHz, 79 - 90 kHz,
	Hz ranges
ENT 202 446 1 1 2 1	(EMC) standard for combined and/or
EN 303 446-1 v1.2.1 integrated radio and non-radio	equipment; Part 1: Requirements for
equipment intended to be used	in residential, commercial and light
industry locations	
EN 303 446-2 ElectroMagnetic Compatibility	(EMC) standard for combined and/or
EN 303 446-2 v1.2.1 integrated radio and non-radio	equipment; Part 2: Requirements for
equipment intended to be used	
	Metal and object detection sensors in the
EN 303 454 v1.1.1 frequency range 1 kHz to 148,	
RSS-111 Broadband public safety equipments	ment operating in the band
(4940 to 4990) MHz	
RSS-112 Land mobile and fixed equipm	ent operating in the band
(1670 to 1675) MHz	
	tters using A1, A2, A3, A2H, or A3H
emissions operating in the (200	
RSS-119 Land mobile and fixed radio tra	ansmitters and receivers
(27.41 to 960) MHz	
RSS-123 Low power licensed radio com	munication devices
	ansmitters and receivers, (1.705 to 50.0)
MHz, primarily amplitude mod	
* * *	ng in the bands (849 to 851) MHz and
(894 to 896) MHz	
	IBS) Equipment Operating in the
Frequency Bands (698 to 756)	
RSS-131 Zone enhancers for the land mo	
RSS-132 800 MHz Cellular telephones e	
RSS-133 2 GHz Personal communication	
RSS-134 900 MHz Narrowband persona	
RSS-135 Digital scanner receivers	l communications services

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
RSS-137	Location and monitoring service (902 to 928) MHz	
RSS-139	Advanced wireless services equipment operating in the bands (1710 to 1755) MHz and (2110 to 2155) MHz	
RSS-140	Equipment Operating in the Public Safety Broadband Frequency Bands 758-768 MHz and 788-798 MHz	
RSS-141	Aeronautical radio communication equipment in the frequency band (117.975 to 137) MHz	
RSS-142	Narrowband multipoint communication systems in the (1427 to 1430) MHz and (1493.5 to 1496.5) MHz bands	
RSS-170	Satellite mobile earth stations	
RSS-181	Coast and ship station single sideband radiotelephone transmitters and receivers operating in the (1,605 to 28,000) kHz band	
RSS-182	Maritime radio transmitters and receivers in the band (156 to 162.5) MHz	
RSS-191	Local multipoint communication systems in the 28 GHz band, point-to-point and point-to-multipoint broadband communication systems in the 24 GHz and 38 GHz bands	
RSS-192	Fixed wireless access equipment operating in the band (3450 to 3650) MHz	
RSS-194	Fixed wireless access equipment operating in the band (953 to 960) MHz	
RSS-195	Wireless communications service equipment operating in the bands (2305 to 2320) MHz and (2345 to 2360) MHz	
RSS-196	Point-to-Multipoint Broadband Equipment Operating in the Bands (512 to 608) MHz and (614 to 698) MHz for Rural Remote Broadband Systems (RRBS) (TV Channels 21 to 51)	
RSS-197	Wireless broadband access equipment operating in the band (3650 to 3700) MHz	
RSS-198	Flexible Use Broadband Equipment Operating in the Band 3900-3980 MHz	
RSS-199	Broadband radio service (BRS) equipment operating in the band (2500 to 2690) MHz	
RSS-210	Low power license exempt radio communication devices (All bands)	
RSS-211	Level Probing Radar Equipment	
RSS-213	2 GHz License exempt personal communications service devices (PCS)	
RSS-215	Analogue scanner receivers	
RSS-216	Wireless Power Transfer Devices (Wireless Chargers)	
RSS-220	Devices using ultra-wideband (UWB) technology	
RSS-222	White Spaces Devices (WSDs)	
RSS-236	General radio service equipment operating in the band (26.960 to 27.410) MHz	
RSS-238	Shipborne Radar in the (2,900 to 3,100) MHz and (9,225 to 9,500) MHz bands	
RSS-243	Active medical implant communications system devices in the (402 to 405) MHz band	
RSS-244	Medical Devices Operating in the Band 413-457 MHz	
RSS-246	Ultra-Low Power (ULP) Wireless Medical Capsule Endoscopy Devices Operating in the 430-440 MHz Band	
RSS-247	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs), and License-Exempt Local Area Network (LE-LAN) Devices	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<u>BREA</u>
RSS-248	Radio Local Area Network (RLAN) Devices Operating in the 5925-7125	
	MHz Band	
RSS-251	Field disturbance sensors in the bands (46.7 to 46.9) GHz and (76 to 77)	
	GHz	
RSS-252	Intelligent Transportation Systems — Dedicated Short Range	
	Communications (DSRC) — On-Board Unit (OBU)	
RSS-287	Emergency position indicating radio beacons (EPIRB), emergency locator	
	transmitters (ELT), personal locator beacons	s (PLB), and maritime
	survivor locator devices (MSLD)	
RSS-288	Global maritime distress and safety system (	(GMDSS)
RSS-310	Low-power license exempt radio communication devices (All frequency	
	bands) category II equipment	
RSS-GEN	General requirements and information for the certification of radio	
	communication equipment	
KS X 3123	Conformity Assessment Procedure of Radio Equipment	
KS X 3143	Test Methods of radio disturbance for residential wireless power-	
	transmission equipment	
MSIT No. 86, Jan 4, 2022	Regulations on Radio Equipment [excluding SAR]	
MSIT Public Notification	Unlicensed Radio Equipment Established without Notice [excluding SAR]	
2024-22, May 30, 2024		
RRA Public Notification	Technical Requirements of Radio Wave Application	
2022-28, Dec 30, 2022	• • • • • • • • • • • • • • • • • • • •	
RF EXPOSURE		
IEC 62233	Measurement methods for electromagnetic fields of household appliances	
IEC 62233: 2005	and similar apparatus with regard to human exposure.	
IEC 62311	Assessment of electronic and electrical equipment related to human	
IEC 62311: 2019	exposure restrictions for electromagnetic fields (up to 300 GHz)	
IEC 62479	Assessment of the compliance of low power electronic and electrical	
IEC 62479: 2010	equipment with the basic restrictions related	
	electromagnetic fields (10 MHz to 300 GHz	
RSS-102	Radio Frequency (RF) Exposure Compliance	
	Apparatus (All Frequency Bands) [MPE Ca	
	Measurement and Nerve Stimulation Measu	
RSS-102.NS.MEAS	Measurement Procedure for Assessing Nerv	
	Compliance in Accordance with RSS-102 [6	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
PRODUCT FAMILY STANDARDS:		
AUSTRALIA / NEW ZEALAND		
ACMA Short Range Equipment Standard	ACMA Radiocommunications Equipment (General) Rules 2021 – Schedule 5, Part 15, Short Range Equipment Standard using: AS/NZS 4268: 2017 +A1: 2021 ETSI EN 300 220-1 v3.1.1: 2017 ETSI EN 300 330 v2.1.1: 2017 ETSI EN 300 440 v2.2.1: 2018 Federal Communications Commission Rules Title 47 (Telecommunications) Part 15–Radio Frequency Devices.	
ARPANSA RPS S-1	Standard for Limiting Exposure to Radiofrequency Fields – 100 kHz to	
ARPANSA RPS S-1: 2021	300 GHz [excluding SAR]	
AS/NZS 4268	Radio equipment and systems - Short range devices - Limits and methods of measurement	
AS/NZS 4268: 2017+A1 AS/NZS 4295	Analogue speech (angle modulated) equipment operating in land mobile	
AS/NZS 4295 (2015) +A1	and fixed services bands in the frequency range 29.7 MHz to 1 GHz	
AS/NZS 4768.1	Digital radio equipment operating in land mobile and fixed services bands	
AS/NZS 4768.1 (2010)	in the frequency range 29.7 MHz to 1 GHz	
AS/NZS 61000.6.1	Electromagnetic Compatibility (EMC) Generic standard - Immunity for residential, commercial and light-industrial environments	
AS/NZS 61000.6.2	Electromagnetic Compatibility (EMC) Generic standards immunity for industrial environments	
AS/NZS 61000.6.3: 2021	Electromagnetic Compatibility (EMC) Emission standard for residential, commercial and light-industrial environments	
AS 61000.6.4: 2020	Electromagnetic Compatibility (EMC) Emission standard for industrial environments	
AS/NZS 61000.6.8	Electromagnetic compatibility (EMC) - Part 6-8: Generic standards - Emission standard for professional equipment in commercial and light-industrial locations	
AS CISPR 11: 2017	Industrial, Scientific and Medical (ISM) radio frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement	
AS/NZS CISPR 14.1: 2021	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Emission [excluding clicks]	
AS/NZS CISPR 14.2	Electromagnetic compatibility - Requirements for household appliances electric tools, and similar apparatus - Immunity	
AS/NZS CISPR 32: 2015 +A1	Electromagnetic compatibility of multimedia equipment – Emission Requirements	
EUDODE AN MODA		
EUROPEAN NORM		
EN 12015 EN 12015: 2020 EN 12015: 2014	Electromagnetic compatibility - Product family standard for lifts, escalators and passenger conveyors – Emission	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
EN 12016	Electromagnetic compatibility - Product family standard for lifts,	
EN 12016: 2013	escalators and passenger conveyors - Immunity	
EN 12016: 2004+A1		
EN 12016: 2004		
EN 12016: 1998		
EN 12184	Electrically powered wheelchairs, scooters and their chargers -	
EN 12184: 2022	Requirements and test methods [Section 12.1 Only]	
EN 12184: 2014	requirements and test methods [section 12.1 6707]	
EN 13309: 2010	Construction machinery – Electromagnetic compatibility of machines	
	with internal electrical power supply	
EN 13763-26	Explosives for civil uses – Detonators and relays – Part 26	
EN 13763-26: 2004	Emplosives for ervir ases Detonators and relays 1 art 20	
EN ISO 13766-1	Earth-moving and building construction machinery - Electromagnetic	
EN ISO 13766-1: 2018	compatibility (EMC) of machines with internal electrical power supply -	
21130 13700 1. 2010	Part 1: General EMC requirements under typical electromagnetic	
	environmental conditions	
EN ISO 13766-2	Earth-moving and building construction machinery - Electromagnetic	
EN ISO 13766-2: 2018	compatibility (EMC) of machines with internal electrical power supply -	
2. 2010	Part 2: Additional EMC requirements for functional safety	
EN ISO 14982	Agricultural and forestry machinery – Electromagnetic compatibility –	
EN ISO 14982: 2009	Test methods and acceptance criteria	
EN 15194	Cycles – Electrically power assisted cycles – EPAC Bicycles	
EN 15194: 2017+A1	Cycles Electrically power assisted cycles Elitte Bicycles	
EN 15194: 2017		
EN 15194: 2009+A1		
EN 15194: 2009		
EN 50065-1	Specification for signaling on low-voltage electrical installations in the	
EN 50065-1: 2011	frequency range (3 to 148.5) kHz - Part 1 General requirements,	
2011	frequency bands and electromagnetic disturbances	
EN 50065-2-1	Specification for signaling on low-voltage electrical installations in the	
EN 50065-2-1: 2003+A1	frequency range (3 to 148.5) kHz - Part 2 Immunity requirements for	
EN 50065-2-1: 2003	mains communications equipment and systems operating in the range of	
	frequencies (95 to 1485) kHz	
EN 50065-2-2	Signaling on low-voltage electrical installations in the frequency range	
EN 50065-2-2: 2003+A1	(3 to 148,5) kHz. Immunity requirements for mains communications	
EN 50065-2-2: 2003	equipment and systems operating in the range of frequencies	
	(95 to 148,5) kHz	
EN 50065-2-3	Signaling on low-voltage electrical installations in the frequency range	
EN 50065-2-3: 2024	(3 to 148.5) kHz. Immunity requirements for mains communications	
EN 50065-2-3: 2003+A1	equipment and systems operating in the range of frequencies (3 to 95)	
EN 50065-2-3: 2003	kHz	
EN 50083-2	Cable networks for television signals, sound signals and interactive	
EN 50083-2: 2012+A1	services - Part 2 Electromagnetic compatibility for equipment	
EN 50121-1	Railway applications - Electromagnetic compatibility - Part 1 General	
EN 50121-1: 2017	<i>y</i> 11 <i>y</i>	
EN 50121-1: 2006+AC		
EN 50121-3-2	Railway applications - Electromagnetic compatibility - Part 3-2 Rolling	
EN 50121-3-2: 2016+A1	stock - Apparatus	
EN 50121-3-2: 2016	soon rippuruus	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	BREA
EN 50121-4	Railway applications - Electromagnetic compatib	ility - Part 4 Emission
EN 50121-4: 2016+A1	and immunity of the signaling and telecommunications apparatus	
EN 50121-4: 2016		• •
EN 50130-4	Alarm systems - Part 4 Electromagnetic compatibility - Product family	
EN 50130-4: 2011+A1	standard - Immunity requirements for components of fire, intruder and	
EN 50130-4: 2011	social alarm systems	
EN 50270	Electromagnetic compatibility - Electrical apparat	tus for the detection and
EN 50270: 2015+AC	measurement of combustible gases, toxic gases or	
EN 50370-1	Electromagnetic Compatibility (EMC) - Product 1	
EN 50370-1: 2005	machine tools - Part 1 Emissions.	•
EN 50370-2	Electromagnetic Compatibility (EMC) - Product f	family standard for
EN 50370-2: 2003	machine tools - Part 2 Immunity	3
EN 50498	Electromagnetic compatibility (EMC). Product fa	mily standard for
EN 50498: 2010	aftermarket electronic equipment in vehicles	2
EN 55011	Industrial, Scientific and Medical (ISM) radio-fre	quency equipment -
EN 55011:	Radio disturbance characteristics - Limits and me	1 2 1 1
2016+A1+A2+A11	That all all all all all all all all all a	
EN 55011: 2016+A1+A11		
EN 55011: 2016+A1		
EN 55011: 2016		
EN 55011: 2009+A1		
EN 55011: 2009		
EN IEC 55014-1	Electromagnetic compatibility - Requirements for	household appliances.
EN IEC 55014-1: 2021	electric tools and similar apparatus - Part 1 Emiss	
EN 55014-1: 2017+A11		[]
EN 55014-1: 2017		
EN 55014-1: 2006+A1+A2		
EN 55014-1: 2006+A1		
EN 55014-1: 2006		
EN IEC 55014-2	Electromagnetic compatibility - Requirements for	household appliances,
EN IEC 55014-2: 2021	electric tools and similar apparatus - Part 2 Immu	
EN 55014-2: 2015	standard	
EN 55014-2:		
1997+A1+A2+AC		
EN 55014-2: 1997+A1+AC		
EN 55014-2: 1997		
EN IEC 55015	Limits and methods of measurement of radio distr	urbance characteristics
EN IEC 55015: 2019+A11	of electrical lighting and similar equipment	
EN IEC 55015: 2019		
EN 55015: 2013		
EN 55022: 2010	Information technology equipment - Radio disturb	pance characteristics -
EN 55022: 2006+A1+A2	Limits and methods of measurement [table-top eq	
	above 1 GHz]	,,,
EN 55024: 2010+A1	Information technology equipment - Immunity ch	aracteristics - Limits
EN 55024: 2010	and methods of measurement	
EN 55032	Electromagnetic compatibility of multimedia equi	ipment - Emission
EN 55032: 2015+A11	requirements	-
EN 55032: 2015	<del>-</del>	
: == : == == = = = = = = = = = = =		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
EN 55035	Electromagnetic compatibility of multimedia equipment - Immunity	
EN 55035: 2017+A11	requirements	
EN 55035: 2017		
EN 55103-1: 2009+A1	Electromagnetic compatibility - Product family standard for audio, video,	
EN 55103-1: 2009	audio-visual and entertainment lighting control apparatus for professional	
	use – Emission	
EN 55103-2: 2009	Electromagnetic compatibility - Product family standard for audio, video,	
	audio-visual and entertainment lighting control apparatus for professional	
	use - Immunity	
EN 60034-1	Rotating electrical machines – Part 1 [Section 13]	
EN 60034-1: 2010		
EN 60601-1-2	Medical electrical equipment - Part 1-2 General requirements for safety -	
EN 60601-1-2: 2015+A1	Collateral standard - Electromagnetic compatibility - requirements and	
EN 60601-1-2: 2015	tests	
EN 60601-1-2: 2007		
EN IEC 60601-2-2	Medical electrical equipment - Part 2-2 Particular requirements for the	
EN IEC 60601-2-2:	safety of high frequency surgical equipment [EMC sections only]	
2018+A1		
EN IEC 60601-2-2: 2018		
EN 60601-2-2: 2009+A11		
EN 60601-2-2: 2009		
EN 60601-2-4	Medical electrical equipment - Part 2-4 Particular requirements for the	
EN 60601-2-4: 2011+A1	safety of cardiac defibrillators [EMC sections only]	
EN 60601-2-4: 2011		
EN 60601-2-4: 2003		
EN 60601-2-10	Medical electrical equipment - Part 2.10 Particular requirements for the	
EN 60601-2-10:	safety of nerve and muscle stimulators [EMC sections only]	
2015+A1+A2		
EN 60601-2-10: 2015+A1		
EN 60601-2-10: 2015		
EN 60601-2-10: 2001+A1		
EN 60601-2-10: 2001		
EN 60601-2-12: 2006	Medical electrical equipment - Part 2-12 Particular requirements for the	
	safety of lung ventilators - Critical care ventilators [EMC sections only]	
EN IEC 60601-2-22	Medical electrical equipment – Part 2 Particular requirements for the	
EN IEC 60601-2-22: 2020	safety of diagnostic and therapeutic laser equipment [EMC sections only]	
EN 60601-2-22: 2013		
EN 60601-2-24	Medical electrical equipment – Part 2-24 Particular requirements for the	
EN 60601-2-24: 2015	safety of infusion pumps and controllers [EMC sections only]	
EN 60601-2-24: 1998		
EN 60601-2-26: 2015	Medical electrical equipment – Part 2-26: Particular requirements for the	
	basic safety and essential performance of electroencephalographs	
EN (0(01 2 24	[EMC sections only]	
EN 60601-2-34	Medical electrical equipment – Part 2-34 Particular requirements for the	
EN 60601-2-34: 2014	safety, including essential performance, of invasive blood pressure	
EN 60601-2-34: 2000	monitoring equipment [EMC sections only]	
EN 60601-2-37	Medical electrical equipment – Part 2-37 Particular requirements for the	
EN 60601-2-37: 2008+A1	safety of ultrasonic medical diagnostic and monitoring equipment	
EN 60601-2-37: 2008	[EMC sections only]	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
EN 60601-2-47	Medical electrical equipment – Part 2-47 Particular requirements for the	
EN 60601-2-47: 2015	basic safety and essential performance of ambulatory electrocardiographic	
EN 60601-2-47: 2001	systems [EMC sections only]	
EN 60601-2-62	Medical electrical equipment – Part 2-62 Particular requirements for the	
EN 60601-2-62: 2015	basic safety and essential performance of high intensity therapeutic	
E1 00001 2 02. 2013	ultrasound (HITU) equipment [EMC sections only]	
EN ISO 80601-2-55	Medical electrical equipment. Particular requirements for the basic safety	
EN ISO 80601-2-55: 2018	and essential performance of respiratory gas monitors	
EN 180 80001-2-33. 2018	[EMC sections only]	
EN 60730-1	Automatic electrical controls for household and similar use – Part 1	
EN 60730-1: 2016+A1+A2	General requirements [EMC Sections Only]	
EN 60730-1: 2016+A1		
EN 60730-1: 2016		
EN 60730-1: 2011		
EN IEC 60730-2-9	Automatic electrical controls for household and similar use – Part 2	
EN IEC 60730-2-9:	Particular requirements	
2019+A1+A2		
EN IEC 60730-2-9:		
2019+A1		
EN IEC 60730-2-9: 2019		
EN 60730-2-9: 2010		
EN 60945	Maritime navigation and radio communication equipment and systems –	
EN 60945: 2002	General requirements – Methods of testing and required test results	
EN IEC 61000-3-2	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 2 Limits	
EN IEC 61000-3-2:	for harmonic current emissions (equipment input current ≤16 A per	
2019+A1+A2	phase)	
EN IEC 61000-3-2:		
2019+A1		
EN IEC 61000-3-2: 2019		
EN 61000-3-2: 2014		
EN 61000-3-3	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 3 –	
EN 61000-3-3:	Limitation of voltage fluctuations and flicker in low-voltage supply	
2013+A1+A2	systems for equipment with rated current $\leq 16 \text{ A}$	
EN 61000-3-3: 2013+A1	Systems for equipment with faced earlent - 10 11	
EN 61000-3-3: 2013 AT EN 61000-3-3: 2013		
EN 61000-3-3. 2013 EN 61000-4-2	Electromagnetic compatibility (EMC) – Part 4-2 Testing and	
EN 61000-4-2: 2009	measurement techniques – Electrostatic discharge immunity test	
EN 01000-4-2. 2009 EN IEC 61000-4-3	Electromagnetic compatibility (EMC) – Part 4-3 Testing and	
EN IEC 61000-4-3 EN IEC 61000-4-3: 2020	measurement techniques – Radiated, radio frequency, electromagnetic	
	1	
EN 61000-4-3:	field immunity test	
2006+A1+A2		
EN 61000-4-4	Electromagnetic compatibility (EMC) – Part 4-4 Testing and	
EN 61000-4-4: 2012	measurement techniques – Electrical fast transient/burst immunity test	
EN 61000-4-5	Electromagnetic compatibility (EMC) – Part 4-5 Testing and	
EN 61000-4-5: 2014 +A1	measurement techniques – Surge immunity test	
EN 61000-4-5: 2014 A1	measurement teeningues ourge initiality test	
L11 01000-T-J. 2014	I .	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
EN IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6 Testing and	
EN IEC 61000-4-6: 2023	measurement techniques – Immunity to conducted disturbances, induced	
EN 61000-4-6: 2014	by radio-frequency fields	
EN 61000-4-8	Electromagnetic compatibility (EMC) – Part 4 Testing and measurement	
EN 61000-4-8: 2010	techniques – Section 8 Power frequency magnetic field immunity test	
	basic EMC publication	
EN IEC 61000-4-11	Electromagnetic compatibility (EMC) - Part 4 Testing and measuring	
EN IEC 61000-4-11: 2020	techniques - Section 11 Voltage dips, short interruptions and voltage	
EN 61000-4-11: 2004+A1	variations immunity tests	
EN 61000-4-11: 2004		
EN 61000-4-12	Electromagnetic Compatibility (EMC) - Part 4-12: Testing and	
EN 61000-4-12: 2017	measurement techniques - Ring wave immunity test	
EN 61000-4-13	Electromagnetic compatibility (EMC) - Part 4 Testing and measuring	
EN 61000-4-13:	techniques - Section 13 Harmonics and interharmonics including mains	
2002 +A1+A2	signaling at A.C. power port, low frequency immunity tests	
EN 61000-4-16	Electromagnetic compatibility (EMC) - Part 4-16: Testing and	
EN 61000-4-16: 2016	measurement techniques - Test for immunity to conducted, common	
21. 01000 1 10. 2010	mode disturbances in the frequency range 0 Hz to 150 kHz	
EN 61000-4-29	Electromagnetic compatibility (EMC) - Part 4-29: Testing and	
EN 61000-4-29: 2001	measurement techniques - Voltage dips, short interruptions and voltage	
23.2001	variations on d.c. input power port immunity tests	
EN 61000-4-39	Electromagnetic compatibility (EMC) – Part 4-39: Testing and	
EN 61000-4-39: 2017	measurement techniques – Radiated fields in close proximity – Immunity	
21 01000 1 351 2017	test [9kHz to 26MHz]	
EN IEC 61000-6-1	Electromagnetic Compatibility (EMC) Generic standards - Immunity for	
EN IEC 61000-6-1: 2019	residential, commercial and light-industrial environments	
EN 61000-6-1: 2007	· · · · · · · · · · · · · · · · · · ·	
EN IEC 61000-6-2	Electromagnetic Compatibility (EMC) Generic standards immunity for	
EN IEC 61000-6-2: 2019	industrial environments	
EN 61000-6-2: 2005		
EN IEC 61000-6-3	Electromagnetic Compatibility (EMC) Emission standard for residential,	
EN IEC 61000-6-3: 2021	commercial and light-industrial environments	
EN 61000-6-3: 2007+A1	e e e e e e e e e e e e e e e e e e e	
EN 61000-6-3: 2007		
EN IEC 61000-6-4	Electromagnetic Compatibility (EMC) Emission standard for industrial	
EN IEC 61000-6-4: 2019	environments	
EN 61000-6-4: 2007+A1		
EN 61000-6-4: 2007		
EN IEC 61000-6-8	Electromagnetic compatibility (EMC) - Part 6-8: Generic standards -	
EN IEC 61000-6-8: 2020	Emission standard for professional equipment in commercial and light-	
	industrial locations	
EN 61131-2	Programmable controllers, Equipment requirements and tests	
EN 61131-2: 2007	[EMC sections only]	
EN IEC 61204-3	Low voltage power supplies, DC output - Part 3 Electromagnetic	
EN IEC 61204-3: 2018	Compatibility (EMC)	
EN 61204-3: 2001		
EN IEC 61326-1	Electrical equipment for measurement, control and laboratory use - EMC	
EN IEC 61326-1: 2021	requirements - Part 1 General requirements	
EN 61326-1: 2013	T C C C C C C C C C C C C C C C C C C C	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	BREA
EN IEC 61326-2-1	Electrical equipment for measurement, contro	
EN IEC 61326-2-1: 2021	requirements – Part 2-1 Particular requirements – Test configurations,	
EN 61326-2-1: 2013	operational conditions and performance criteria for sensitive test and	
	measurement equipment for EMC unprotected	d applications.
EN IEC 61326-2-2	Electrical equipment for measurement, contro	
EN IEC 61326-2-2: 2021	requirements - Part 2-2 Particular requirement	ts - Test configurations,
EN 61326-2-2: 2013	operational conditions and performance criteri	ia for portable test,
	measuring and monitoring equipment used in	low-voltage distribution
	systems.	-
EN IEC 61326-2-3	Electrical equipment for measurement, contro	l and laboratory use – EMC
EN IEC 61326-2-3: 2021	requirements – Part 2-3 Particular requiremen	
EN 61326-2-3: 2013	operational conditions and performance criteri	ia for transducers with
	integrated or remote signal conditioning	
EN IEC 61326-2-5	Electrical equipment for measurement, contro	
EN IEC 61326-2-5: 2021	requirements - Part 2-5 Particular requirement	
EN 61326-2-5: 2013	operational conditions and performance criter	ia for devices with field bus
	interfaces according to IEC 61784-1.	
EN IEC 61326-2-6	Electrical equipment for measurement, contro	
EN IEC 61326-2-6: 2021	requirements - Part 2-6 Particular requirement	ts. In vitro diagnostic (IVD)
EN 61326-2-6: 2013	medical equipment.	
EN 61326-3-1	Electrical equipment for measurement, contro	
EN 61326-3-1: 2017	requirements - Part 3-1 Immunity requirement	
	and for equipment intended to perform safety-	
ENLIEG (122( 2.2	(functional safety) - General industrial applica	
EN IEC 61326-3-2	Electrical equipment for measurement, contro	
EN IEC 61326-3-2: 2018	requirements - Part 3-2 Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions	
EN 61326-3-2: 2008	(functional safety). Industrial applications with	
	environment.	ui specified electromagnetic
EN IEC 61547	Equipment for general lighting purposes - EM	C immunity requirements
EN IEC 61547 EN IEC 61547: 2023	Equipment for general lighting purposes - Elvi	ic inimumity requirements
EN 61547: 2009		
EN 61850-3	Communication Networks and Systems in Sul	hetations
EN 61850-3: 2014	[Section 6.7, excluding tests 10.3, 11.4, 12.6ex	
EN IEC 61851-21-2	Electric vehicle conductive charging system -	
EN IEC 61851-21-2: 2021	requirements for conductive connection to an	
	requirements for off board electric vehicle cha	
EN IEC 61967-4	Integrated circuits – Measurement of electrom	
EN IEC 61967-4: 2021	Measurement of conducted emissions - 1 $\Omega/1$	
EN IEC 62040-2	Uninterruptible power systems (UPS) - Part 2	
EN IEC 62040-2: 2018	compatibility (EMC) requirements	
EN 62040-2: 2006+AC		
EN IEC 62061	Safety of machinery - functional safety of safe	ety related electrical,
EN IEC 62061: 2021+A1	electronic & programmable control systems	·
EN IEC 62061: 2021	[2021: Section 6.6, 2005: Section 6.4.3, ref An	<del>inex E</del> ]
EN 62061: 2005+A1+A2		
EN 62233	Measurement methods for electromagnetic fie	elds of household appliances
EN 62233: 2008	and similar apparatus with regard to human ex	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
EN IEC 62311	Assessment of electronic and electrical equipment related to human	
EN IEC 62311: 2020	exposure restrictions for electromagnetic fields (up to 300 GHz)	
EN 62311: 2008		
EN 62479	Assessment of the compliance of low power electronic and ele	ctrical
EN 62479: 2010	equipment with the basic restrictions related to human exposur	
	electromagnetic fields (10 MHz to 300 GHz)	
EN 300 386	Telecommunication network equipment; ElectroMagnetic Con	npatibility
EN 300 386 v2.2.1	(EMC) requirements	-ip wore integ
EN 300 386 v2.1.1	(Elife) requirements	
EN 300 386 v1.6.1		
EN 301 489-1	ElectroMagnetic Compatibility (EMC) standard for radio equip	nment and
EN 301 489-1 v2.2.3	services; Part 1: Common technical requirements	Jinent and
EN 301 489-1 v2.1.1	services, rait 1. Common technical requirements	
EN 301 489-1 v1.9.2		
EN 301 489-1 V1.3.2 EN 301 489-2	ElectroMagnetic Compatibility (EMC) standard for radio equi	nment and
EN 301 489-2 v2.1.1	services Part 2: Specific conditions for radio paging equipment	
EN 301 489-2 V2.1.1 EN 301 489-3	ElectroMagnetic Compatibility (EMC) standard for radio equip	
EN 301 489-3 EN 301 489-3 v2.3.2	services Part 3: Specific conditions for Short-Range Devices (S	
	`	SKD)
EN 301 489-3 v2.1.1	operating on frequencies between 9 kHz and 40 GHz	
EN 301 489-4	ElectroMagnetic Compatibility (EMC) standard for radio equip	
EN 301 489-4 v3.3.1	services Part 4: Specific conditions for fixed radio links and an	cillary
EN 301 489-4 v3.2.1	equipment	
EN 301 489-4 v3.1.1		
EN 301 489-4 v2.2.1		
EN 301 489-5	ElectroMagnetic Compatibility (EMC) standard for radio equip	
EN 301 489-5 v2.2.1	services Part 5: Specific conditions for Private land Mobile Ra	` ,
	and ancillary equipment (speech and non-speech) and Terrestri	ial Trunked
	Radio (TETRA)	
EN 301 489-6	ElectroMagnetic Compatibility (EMC) standard for radio equip	pment and
EN 301 489-6 v2.2.1	services Part 6: Specific conditions for Digital Enhanced Cordless	
	Telecommunications (DECT) equipment	
EN 301 489-7	ElectroMagnetic Compatibility (EMC) standard for radio equip	
EN 301 489-7 v1.3.1	services Part 7: Specific conditions for mobile and portable rac	
	ancillary equipment of digital cellular radio telecommunication	ns systems
	(GSM and DCS)	
EN 301 489-8	ElectroMagnetic Compatibility (EMC) standard for radio equip	pment and
EN 301 489-8 v1.2.1	services Part 8: Specific conditions for GSM base stations	
EN 301 489-9	ElectroMagnetic Compatibility (EMC) standard for radio equip	pment and
EN 301 489-9 v2.1.1	services Part 9: Specific conditions for wireless microphones,	similar
	Radio Frequency (RF) audio link equipment, cordless audio an	
	monitoring devices	
EN 301 489-10	ElectroMagnetic Compatibility (EMC) standard for radio equip	pment and
EN 301 489-10 v1.3.1	services Part 10: Specific conditions for First (CT1 and CT1+)	
	Second-Generation Cordless Telephone (CT2) equipment	
EN 301 489-11	ElectroMagnetic Compatibility (EMC) standard for radio equip	oment and
EN 301 489-11 v1.3.1	services Part 11: Specific conditions for terrestrial sound broad	
21, 301 107 11 11.3.1	service transmitters	
	bet vice transmitted	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
EN 301 489-12	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-12 v3.2.1	services Part 12: Specific conditions for Very Small Aperture Terminal,	
EN 301 489-12 v3.1.1	Satellite Interactive Earth Stations operated in the frequency ranges	
	between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS)	
EN 301 489-13	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-13 v1.2.1	services Part 13: Specific conditions for Citizens' Band (CB) radio and	
	ancillary equipment (speech and non-speech)	
EN 301 489-14	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-14 v1.2.1	services Part 14: Specific conditions for analogue and digital terrestrial	
	TV broadcasting service transmitters	
EN 301 489-15	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-15 v2.2.1	services Part 15: Specific conditions for commercially available amateur	
	radio equipment	
EN 301 489-16	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-16 v1.2.1	services Part 16: Specific conditions for analogue cellular radio	
	communications equipment, mobile and portable	
EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-17 v3.2.4	services Part 17: Specific conditions for Broadband Data Transmission	
EN 301 489-17 v3.1.1	Systems	
EN 301 489-17 v2.2.1		
EN 301 489-18	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-18 v1.2.1	services Part 18: Specific conditions for Terrestrial Trunked Radio	
	(TETRA) equipment	
EN 301 489-19	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-19 v2.2.1	services Part 19: Specific conditions for Receive Only Mobile Earth	
EN 301 489-19 v2.1.1	Stations (ROMES) operating in the 1,5 GHz band providing data	
EN 301 489-19 v1.2.1	communications and GNSS receivers operating in the RNSS band	
	providing positioning, navigation, and timing data	
EN 301 489-20	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-20 v2.2.1	services Part 20: Specific conditions for Mobile Earth Stations (MES)	
EN 301 489-20 v2.1.1	used in the Mobile Satellite Services (MSS)	
EN 301 489-22	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-22 v2.1.1	services Part 22: Specific conditions for ground based aeronautical mobile	
EN 301 489-22 v1.3.1	and fixed radio equipment; Harmonised Standard for ElectroMagnetic	
	Compatibility	
EN 301 489-23	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-23 v1.5.1	services Part 23: Specific conditions for IMT-2000 CDMA, Direct Spread	
	(UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary	
	equipment	
EN 301 489-24	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-24 v1.5.1	services Part 24:Specific conditions for IMT-2000 CDMA Direct Spread	
	(UTRA and E-UTRA) for Mobile and portable (UE) radio and ancillary	
	equipment	
EN 301 489-25	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-25 v2.3.2	services Part 25: Specific conditions for CDMA 1x spread spectrum	
	Mobile Stations and ancillary equipment	
EN 301 489-26	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-26 v2.3.2	services Part 26: Specific conditions for CDMA 1x spread spectrum Base	
	Stations, repeaters and ancillary equipment	

EN 301 489-27	DESCRIPTION OF STANDARD: BREA	
LI 201 107 21	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-27 v2.2.1	services Part 27: Specific conditions for Ultra Low Power Active Medical	
	Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P)	
	operating in the 402 MHz to 405 MHz bands	
EN 301 489-28	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-28 v1.1.1	services Part 28: Specific conditions for wireless digital video links	
EN 301 489-29	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-29 v2.2.1	services Part 29: Specific conditions for Medical Data Service Devices	
	(MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406	
	MHz bands	
EN 301 489-31	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-31 v2.2.1	services Part 31: Specific conditions for equipment in the 9 kHz to 315	
EN 301 489-31 v2.1.1	kHz band for Ultra Low Power Active Medical Implants (ULP-AMI) and	
EN 301 489-31 v1.1.1	related peripheral devices (ULP-AMI-P	
EN 301 489-33	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-33 v2.2.1	services Part 33: Specific conditions for Ultra-Wide Band (UWB)	
	communications devices	
EN 301 489-34	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-34 v2.1.1	services Part 34: Specific conditions for External Power Supply (EPS) for	
	mobile phones	
EN 301 489-35	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-35 v2.2.1	services Part 35: Specific requirements for Low Power Active Medical	
	Implants (LP-AMI) operating in the 2 483,5 MHz to 2 500 MHz bands	
EN 301 489-50	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-50 v2.3.1	services Part 50: Specific conditions for Cellular Communication Base	
EN 301 489-50 v2.2.1	Station (BS), repeater, and ancillary equipment	
EN 301 489-51	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-51 v2.1.1	services Part 51: Specific conditions for Automotive, Ground based	
	Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz,	
	24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz	
EN 301 489-52	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-52 v1.2.1	services; Part 52: Specific conditions for Cellular Communication User	
	Equipment (UE) radio and ancillary equipment	
EN 301 489-53	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-53 v1.1.1	services Part 53: Specific conditions for terrestrial sound broadcasting and	
	digital TV broadcasting service transmitters and associated ancillary	
EN 201 400 54	equipment	
EN 301 489-54	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-54 v1.1.1	services; Part 54: Specific conditions for fixed ground based aeronautical	
	and meteorological radars	
IMDA SINGAPORE		
IMDA TS AR:2016	Technical specification for Amateur Radio Equipment	
IMDA TS CBS:2023	Technical specification for Cellular Base Station and Repeater System	
IMDA TS CT-CTS :2016	Technical specification for Cordless Telephone and Cordless	
	Telecommunication Systems [excluding dect and phs]	
IMDA TS GMPCS:2016	Technical specification for Global Mobile Personal Communication by	
IMDA TS GMPCS:2016 IMDA TS LMR:2016		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	BREA
IMDA TS SRD:2023	Technical specification for Short Range Devic	es (SRD)
IMDA TS UWB:2016	Technical specification for Ultra-Wideband (UWB) Devices	
IMDA TS WBA:2016	Technical specification for Wireless Broadband Access (WBA)	
	equipment	
INTERNATIONAL		
CISPR 16-2-1	Specification for radio disturbance and immun	ity measuring apparatus
CISPR 16-2-1: 2014 +A1	and methods — Part 2-1: Methods of measurement of disturbances and	
CISPR 16-2-1: 2014	immunity — Conducted disturbance measurements	
CISPR 16-2-1:	,	
2008+A1+A2		
CISPR 16-2-1: 2008+A1		
CISPR 16-2-1: 2008		
CISPR 16-2-1: 2003+A1		
CISPR 16-2-1: 2003		
CISPR 16-2-2	Specification for radio disturbance and immun	ity measuring apparatus
CISPR 16-2-2: 2010	and methods - Part 2-2: Methods of measurem	
CISPR 16-2-2:	immunity - Measurement of disturbance power	r
2003+A1+A2		
CISPR 16-2-2: 2003+A1		
CISPR 16-2-2: 2003		
CISPR 16-2-3	Specification for radio disturbance and immun	ity measuring apparatus
CISPR 16-2-3:	and methods - Part 2-3: Methods of measurem	ent of disturbances and
2016+A1+A2	immunity - Radiated disturbance measurement	ts
CISPR 16-2-3: 2016+A1		
CISPR 16-2-3: 2016		
CISPR 16-2-3:		
2010+A1+A2		
CISPR 16-2-3: 2010+A1		
CISPR 16-2-3: 2010		
CISPR 16-2-3:		
2003+A1+A2		
CISPR 16-2-3: 2003+A1		
CISPR 16-2-3: 2003		
IACS UR E10	Requirements concerning Electrical and Electr	
IACS UR E10 r10: 2024	Specification for Type Approval [Sections 3, 4	1, 9, 10, 13, 14, 15, 16, 17,
IACS UR E10 r09: 2023	18, 19, & 20]	
IACS UR E10 r08: 2021	Desired to the second	1.03
IEC 60034-1: 2010	Rotating electrical machines – Part 1 [Section	
IEC 60533	Electromagnetic compatibility of electrical and	d electronic installations in
IEC 60533: 2015	ships	
IEC 60533: 1999	N. 1. 1. 1	
IEC 60601-1-2	Medical electrical equipment - Part 1 General	
IEC 60601-1-2: 2014+A1	Collateral standard - Electromagnetic compatib	bility - Requirements and
	tests	
IEC 60601-1-2: 2014		
IEC 60601-1-2: 2007	M.E. I.I. de la	1
IEC 60601-1-2: 2007 IEC 60601-2-2	Medical electrical equipment - Part 2-2 Particu	•
IEC 60601-1-2: 2007	Medical electrical equipment - Part 2-2 Particus safety of high frequency surgical equipment [A	•

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	BREA
IEC 60601-2-4	Medical electrical equipment - Part 2-4 Parti	cular requirements for the
	safety of cardiac defibrillators [EMC section	s only]
IEC 60601-2-10	Medical electrical equipment - Part 2.10 Particular requirements for the	
	safety of nerve and muscle stimulators [EMC	
IEC 60601-2-12: 2001	Medical electrical equipment - Part 2-12 Par	
	safety of lung ventilators - Critical care vent	
IEC 60601-2-22	Medical electrical equipment - Part 2-22: Par	
IEC 60601-2-22: 2019	safety of diagnostic and therapeutic laser equ	•
IEC 60601-2-22: 2007+A1		1 [ 7]
IEC 60601-2-24	Medical electrical equipment - Part 2-24 Particular requirements for the	
	safety of infusion pumps and controllers [EM	AC sections only]
IEC 60601-2-26: 2012	Part 2-26: Particular requirements for the bas	
120 00001 2 20. 2012	performance of electroencephalographs [EM	
IEC 60601-2-34	Medical electrical equipment - Part 2-34: Par	
120 00001 2 3 .	basic safety and essential performance of inv	
	monitoring equipment [EMC sections only]	usive cloca pressure
IEC 60601-2-37	Medical electrical equipment - Part 2-37 Par	ticular requirements for the
120 00001 2 37	basic safety and essential performance of ult	
	and monitoring equipment [EMC sections or	•
IEC 60601-2-47	Medical electrical equipment - Part 2-47 Par	
12.00001 2 17	safety, including essential performance, of an	
	electrocardiographic systems [EMC sections	
IEC 60601-2-62	Medical electrical equipment - Part 2-62 Par	
ILC 00001-2-02	basic safety and essential performance of hig	
	ultrasound (HITU) equipment [EMC section	
ISO 80601-2-55	Medical electrical equipment. Particular requirements for the basic safety	
ISO 80601-2-55: 2018	and essential performance of respiratory gas monitors	
150 00001 2 55. 2010	[EMC sections only]	
IEC 60730-1	Automatic electrical controls for household and similar use - Part 1	
ILC 00730-1	General requirements [EMC Sections Only]	
IEC 60730-2-9	Automatic electrical controls for household and similar use – Part 2:	
ILC 00/30-2-7	Particular requirements	and similar use – 1 art 2.
IEC 60945	Maritime navigation and radio communication equipment and systems -	
IEC 60945: 2002	General requirements - Methods of testing and required test results	
IEC 60601-1-2		
IEC 60601-1-2: 2014+A1	Medical electrical equipment - Part 1 General requirements for safety 2 - Collateral standard - Electromagnetic compatibility - Requirements and	
IEC 60601-1-2: 2014 AT	tests	monny - requirements and
IEC 60601-1-2: 2014	Colo	
IEC 60601-2-2	Medical electrical equipment - Part 2.2 Parti	cular requirements for the
IEC 60601-2-2: 2017	Medical electrical equipment - Part 2-2 Particular requirements for the safety of high frequency surgical equipment [EMC sections only]	
IEC 60601-2-2: 2017	safety of high frequency surgical equipment	[EMC Sections only]
IEC 60601-2-4	Medical electrical equipment - Part 2-4 Parti	cular requirements for the
112 00001-2-4	safety of cardiac defibrillators [EMC section	
IEC 60601-2-10	Medical electrical equipment - Part 2.10 Part	
ILC 00001-2-10	safety of nerve and muscle stimulators [EMC	
IEC 60601-2-12: 2001	Medical electrical equipment - Part 2-12 Par	
1EC 00001-2-12; 2001		
	safety of lung ventilators - Critical care vent	Hators [EMC sections only]

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA	
IEC 60601-2-22	Medical electrical equipment - Part 2-22: Particular requirements for the	
IEC 60601-2-22: 2019	safety of diagnostic and therapeutic laser equipment [EMC sections only]	
IEC 60601-2-22: 2007+A1	7 8 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
IEC 60601-2-24	Medical electrical equipment - Part 2-24 Particular requirements for the	
	safety of infusion pumps and controllers [EMC sections only]	
IEC 60601-2-26: 2012	Part 2-26: Particular requirements for the basic safety and essential	
	performance of electroencephalographs [EMC sections only]	
IEC 60601-2-34	Medical electrical equipment - Part 2-34: Particular requirements for the	
	basic safety and essential performance of invasive blood pressure	
	monitoring equipment [EMC sections only]	
IEC 60601-2-37	Medical electrical equipment - Part 2-37 Particular requirements for the	
	basic safety and essential performance of ultrasonic medical diagnostic	
	and monitoring equipment [EMC sections only]	
IEC 60601-2-47	Medical electrical equipment - Part 2-47 Particular requirements for the	
	safety, including essential performance, of ambulatory	
	electrocardiographic systems [EMC sections only]	
IEC 60601-2-62	Medical electrical equipment - Part 2-62 Particular requirements for the	
	basic safety and essential performance of high intensity therapeutic	
	ultrasound (HITU) equipment [EMC sections only]	
ISO 80601-2-55	Medical electrical equipment. Particular requirements for the basic safety	
ISO 80601-2-55: 2018	and essential performance of respiratory gas monitors	
	[EMC sections only]	
IEC 60730-1	Automatic electrical controls for household and similar use - Part 1	
	General requirements [EMC Sections Only]	
IEC 60730-2-9	Automatic electrical controls for household and similar use – Part 2:	
	Particular requirements	
IEC 60945	Maritime navigation and radio communication equipment and systems -	
IEC 60945: 2002	General requirements - Methods of testing and required test results	
IEC 61000-6-1	Electromagnetic capability (EMC) - Part 6-1 Generic Standards -	
IEC 61000-6-1: 2016	Immunity for residential, commercial, and light-industrial environments	
IEC 61000-6-2	Electromagnetic capability (EMC) - Part 6-2 Generic Standards -	
IEC 61000-6-2: 2016	Immunity for industrial environments	
IEC 61000-6-3	Electromagnetic capability (EMC) - Part 6-3 Generic Standards -	
IEC 61000-6-3: 2020	Emissions standard for residential, commercial, and light-industrial	
IEC 61000-6-3: 2006+A1	environments	
IEC 61000-6-4	Electromagnetic capability (EMC) - Part 6-4 Generic Standards -	
IEC 61000-6-4: 2018	Immunity for residential, commercial, and light-industrial environments	
IEC 61000-6-4: 2006+A1		
IEC 61000-6-8	Electromagnetic compatibility (EMC) - Part 6-8: Generic standards -	
IEC 61000-6-8: 2020	Emission standard for professional equipment in commercial and light-	
	industrial locations	
IEC 61326-1	Electrical equipment for measurement, control and laboratory use - EMC	
IEC 61326-1: 2020	requirements - Part 1 General requirements	
IEC 61326-1: 2012		
IEC 61326-1: 2005		
IEC 61326-2-1	Electrical equipment for measurement, control and laboratory use - EMC	
IEC 61326-2-1: 2020	requirements - Part 2-1 Particular requirements - Test configurations,	
IEC 61326-2-1: 2012	operational conditions and performance criteria for sensitive test and	
IEC 61326-2-1: 2005	measurement equipment for EMC unprotected applications	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: BREA		
IEC 61326-2-2	Electrical equipment for measurement, control and laboratory use - EMC		
IEC 61326-2-2: 2020	requirements - Part 2-2 Particular requirements - Test configurations,		
IEC 61326-2-2: 2012	operational conditions and performance criteria for portable test,		
IEC 61326-2-2: 2005	measuring and monitoring equipment used in low-voltage distribution		
	systems		
IEC 61326-2-3	Electrical equipment for measurement, control and laboratory use - EMC		
IEC 61326-2-3: 2020	requirements - Part 2-3 Particular requirements - Test configurations,		
IEC 61326-2-3: 2012	operational conditions and performance criteria for transducers with		
IEC 61326-2-3: 2006	integrated or remote signal conditioning		
IEC 61326-2-5	Electrical equipment for measurement, control and laboratory use - EMC		
IEC 61326-2-5: 2020	requirements - Part 2-5 Particular requirements - Test configurations,		
IEC 61326-2-5: 2012	operational conditions and performance criteria for devices with field bus		
IEC 61326-2-5: 2006	interfaces according to IEC 61784-1		
IEC 61326-2-6	Electrical equipment for measurement, control and laboratory use - EMC		
IEC 61326-2-6: 2020	requirements - Part 2-6 Particular requirements Test configurations,		
IEC 61326-2-6: 2012	operational conditions and performance criteria In vitro diagnostic (IVD)		
IEC 61326-2-6: 2005	medical equipment.		
IEC 61326-3-1	Electrical equipment for measurement, control and laboratory use - EMC		
IEC 61326-3-1: 2017	requirements - Part 3-1 Immunity requirements for safety-related systems		
IEC 61326-3-1: 2007	and for equipment intended to perform safety-related functions		
IEC 01320-3-1. 2008	(functional safety) - General industrial applications.		
HEC (122( 2.2			
IEC 61326-3-2	Electrical equipment for measurement, control and laboratory use - EMC		
IEC 61326-3-2: 2017	requirements - Part 3-2 Immunity requirements for safety-related systems		
IEC 61326-3-2: 2008	and for equipment intended to perform safety-related functions		
	(functional safety). Industrial applications with specified electromagnetic		
	environment.		
IEC 61547	Equipment for general lighting purposes - EMC immunity requirements		
IEC 61547: 2020			
IEC 61851-21-2	Electric vehicle conductive charging system - Part 21-2: Electric vehicle		
IEC 61851-21-2: 2018	requirements for conductive connection to an AC/DC supply - EMC		
	requirements for off board electric vehicle charging systems		
IEC 62040-2	Uninterruptible power systems (UPS) - Part 2 Electromagnetic		
IEC 62040-2: 2016	compatibility (EMC) requirements		
IEC 62061	Safety of machinery - functional safety of safety related electrical,		
IEC 62061: 2021+A1	electronic & programmable control systems		
IEC 62061: 2021			
ISO 22200: 2009	Electromagnetic compatibility — Product family standard for lifts,		
	escalators and moving walks — Immunity		
<u>JAPAN</u>			
JIS C 61326-1	Electrical equipment for measurement, control and laboratory use -		
-	Electromagnetic compatibility (EMC) requirements - Part 1: General		
	requirements		
VCCI-CISPR 32	Electromagnetic compatibility of multimedia equipment - Emission		
VCCI-CISPR 32: 2016	Requirements		
KOREA, REPUBLIC OF			
KS C 9811	CISPR 11: 2015 +A1		
KS C 9814-1	CISPR 14-1: 2020 [excluding clicks]		
KS C 9017-1	C101 IX 17-1. 2020 [EXCLUMING CHEAS]		

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b> BREA
KS C 9814-2	CISPR 14-2: 2020
KS C 9815	CISPR 15: 2018
KS C 9832	CISPR 32: 2015
KS C 9835	CISPR 35: 2016
KS B 6955	EN 12015: 2013
KS B 6945	EN 12016: 2013
KS X 3124	EN 301 489-01 v2.1.1
KS X 3137	EN 301 489-02 v1.3.1
KS X 3125	EN 301 489-03 v1.6.1
KS X 3127	EN 301 489-05 v1.3.1
KS X 3128	EN 301 489-06 v1.4.1
KS X 3129	EN 301 489-52 v1.1.0
KS X 3130	EN 301 489-09 v1.4.1
KS X 3131	EN 301 489-13 v1.2.1
KS X 3136	EN 301 489-15 v2.1.1
KS X 3126	EN 301 489-17 v2.1.1
KS X 3132	EN 301 489-18 v1.3.1
KS X 3139	EN 301 489-20 v1.2.1
KS X 3134	EN 301 489-27 v2.1.1
KS X 3138	EN 301 489-32 v1.1.1
KS X 3135	EN 301 489-50 v2.1.1
KS C IEC 60601-1-2	IEC 60601-1-2: 2014+A1
KS C IEC 60601-1-2: 2012	IEC 60601-1-2: 2007
KS X 3140	IEC 60945: 2002; IEC 60533: 1999
KS C 9610-6-1	IEC 61000-6-1: 2016
KS C 9610-6-2	IEC 61000-6-2: 2016
KS C 9610-6-3	IEC 61000-6-3: 2006+A1
KS C 9610-6-4	IEC 61000-6-4: 2018
KS C 9547	IEC 61547: 2009
KS C 9040-2	IEC 62040-2: 2005
TAIWAN / CHINESE TAIR	
CNS 13803	Limits and methods of measurement of electromagnetic disturbance
CNS 13803: 2018	characteristics of industrial, scientific and medical (ISM) radio-frequency
21(2 13003. 2010	equipment
CNS 14757-2	Uninterruptible power systems (UPS) - Part 2: Electromagnetic
CNS 14757-2: 2019	compatibility (EMC) requirements
CNS 15936	Electromagnetic compatibility of multimedia equipment – Emissions
CNS 15936: 2016	requirements
LP0002	Low-power Radio-frequency Devices Technical Regulations
LP0002:2024	[excluding SAR]
RTTE01	2.4GHz Radio-frequency Telecommunications terminal equipment
RTTE01: 2020	technical specification
VIETNAM	•
TCVN 7189: 2009	Information technology equipment - Radio disturbance characteristics -
	Limits and methods of measurement
TCVN 7317: 2003	Information technology equipment - Immunity characteristics - Limits
	and methods of measurement

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	BREA
QCVN 118: 2018/BTTTT	National technical regulation on Electromagnetic compatibility of	
	multimedia equipment - Emission requirements	
<u>UNITED STATES</u>		
47 CFR Part 11	Emergency alert system (EAS)	
47 CFR Part 15	Radio frequency devices	
47 CFR Part 18	Industrial, scientific and medical equipment	
47 CFR Part 20	Commercial mobile services [excluding HAC]	
47 CFR Part 22	Public mobile services	
47 CFR Part 24	Personal communications services	
47 CFR Part 25	Satellite communications	
47 CFR Part 27	Miscellaneous wireless communication services	
47 CFR Part 30	Upper microwave flexible use service	
47 CFR Part 73	Radio broadcast services	
47 CFR Part 74	Experimental radio, auxiliary, and special broadcast and other program	
	distributional services	
47 CFR Part 80	Stations in the maritime services	
47 CFR Part 87	Aviation services	
47 CFR Part 90	Private land mobile radio services	
47 CFR Part 95	Personal radio services	
47 CFR Part 96	Citizens broadband radio services	
47 CFR Part 97	Amateur radio services	
47 CFR Part 101	Fixed microwave services	
ANSI RESNA WC-2: 2009	Electrically powered wheelchairs, scooters and th	eir chargers -
	requirements and test methods [Section 21 only]	
Telcordia GR-1089-CORE	Electromagnetic Compatibility and Electrical Saf	ety - Generic Criteria for
2017	Network Telecommunications Equipment. [Section 1]	ions: 2, 3, & 4]

## 9618 Variel Avenue Chatsworth CA 91311

STANDARD <sup>2</sup> :	DESCRIPTION OF STANDARD:	<u>CHATSWORTH</u>
	Core Measurement Methods:	
DADIATED / CONDUC	TED EMISSIONS	
RADIATED / CONDUC	<u>TED EMISSIONS</u>	
	+	
IMMUNITY		
IEC 61000-4-2	Electromagnetic compatibility (EMC) – Part	1.2 Testing and
IEC 61000-4-2: 2008	measurement techniques – Electrostatic disch	
IEC 61000-4-2: 2008	measurement teeninques – Electrostatic disen	large inilitatinty test
1995+A1+A2		
AUTOMOTIVE		
CISPR 25	Radio disturbance characteristics for the prote	ection of receivers used on
CISPR 25: 2021	board vehicles, boats, and on devices - Limits	s and methods of
CISPR 25: 2016	measurement	
CISPR 25: 2008	[2021: excluding sections 5 and 6.6]	
CISPR 25: 2002	[2016: excluding sections 5, 6.6 and 6.7]	
	[2008: excluding sections 5, 6.5 and 6.6]	
XXX 5/25 4 4000	[2002: excluding sections 5 and 6.5]	1 1 1 1 5 1
ISO 7637-1: 1990	Road vehicles - Electrical disturbance by con	
	Passenger cars and light commercial vehicles	
ISO 7637-2: 1990	voltage - Electrical transient conduction along	
180 /63/-2: 1990	Road vehicles - Electrical disturbance by con Commercial vehicles with nominal 24 V supp	
	transient conduction along supply lines only	bry voltage - Electrical
ISO 7637-2	Road vehicles - Electrical disturbances from a	conduction and counling -
ISO 7637-2: 2011	Part 2: Electrical transient conduction along s	
ISO 7637-2: 2004+A1		The state of the s
ISO 7637-2: 2004		
ISO 7637-3	Road vehicles - Electrical disturbances from o	conduction and coupling -
ISO 7637-3: 2016	Part 3: - Electrical transient transmission by c	
ISO 7637-3: 2007	coupling via lines other than supply lines	
ISO 10605	Road vehicles - Test methods for electrical di	sturbances from electrostatic
ISO 10605: 2023	discharge	
ISO 10605: 2008+A1		
ISO 10605: 2008		
ISO 10605: 2001	Dec 1 - 1: 1 - Con	1 1 1
ISO 11452-2	Road vehicles - Component test methods for	
ISO 11452-2: 2019 ISO 11452-2: 2004	narrowband radiated electromagnetic energy shielded enclosure	- ran Z Absorber-lined
150 11432-2; 2004	Silicided eliciosure	

STANDARD <sup>2</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<u>CHATSWORTH</u>
ISO 11452-4	Road vehicles - Component test methods for	electrical disturbances from
ISO 11452-4: 2020	narrowband radiated electromagnetic energy - Part 4: Harness excitation	
ISO 11452-4: 2011	methods (BCI method only)	
ISO 11452-4: 2005	Road vehicles - Component test methods for electrical disturbances from	
ISO 11452-4: 2001	narrowband radiated electromagnetic energy	
	injection (BCI)	
ISO 11452-7	Road vehicles - Component test methods for	electrical disturbances from
ISO 11452-7: 2003+A1	narrowband radiated electromagnetic energy	- Part 7: Direct radio
ISO 11452-7: 2003	frequency (RF) power injection	
ISO 11452-8	Road vehicles - Component test methods for	electrical disturbances from
ISO 11452-8: 2015	narrowband radiated electromagnetic energy	
ISO 11452-8: 2007	magnetic fields	•
ISO 11452-9	Road vehicles — Component test methods for	or electrical disturbances
ISO 11452-9: 2021	from narrowband radiated electromagnetic e	
ISO 11452-9: 2012	transmitters	6,7
ISO 11452-10	Road vehicles - Component test methods for	electrical disturbances from
ISO 11452-10: 2009	narrowband radiated electromagnetic energy	
	conducted disturbances in the extended audi	
ISO 13766-1	Earth-moving and building construction made	
ISO 13766-1: 2018	compatibility (EMC) of machines with inter-	
	Part 1: General EMC requirements under ty	
	environmental conditions [excluding section	
ISO 13766-2	Earth-moving and building construction made	
ISO 13766-2: 2018	compatibility (EMC) of machines with intern	
150 15700 2. 2010	Part 2: Additional EMC requirements for fur	
	section 5.2]	necional surety [exertianing
ISO 13766: 2006	Earth-moving machinery - Electromagnetic	compatibility
	[excluding sections 5.3, 5.4 & 5.5]	<del></del>
ISO 14982: 1998	Agricultural and forestry machinery - Electron	omagnetic compatibility -
12.6 11.5 62. 155 6	Test methods and acceptance criteria [exclusion of the control of	
ISO 16750-2	Road vehicles Environmental conditions a	
ISO 16750-2: 2023	electronic equipment Part 2: Electrical loa	•
ISO 16750-2: 2012	[excluding 4.11, & 4.12]	
ISO 16750-2: 2010	[	
SAE J1113-2: 2010	Electromagnetic compatibility measurement	procedures and limits for
SAE J1113-2: 2004	vehicle components (except aircraft) - condu	
	(15 Hz to 250 kHz) - all leads	· · · · · · · · · · · · · · · · · · ·
SAE J1113-4	Immunity to radiated electromagnetic fields	_
SAE J1113-4: 2020	Bulk current injection (BCI) method	
SAE J1113-4: 2014	2 2 2 (2 01) 1110111011	
SAE J1113-4: 2004		
SAE J1113-11	Immunity to conducted transients on power	leads
SAE J1113-11: 2023	initiality to conducted transferts on power	10445
SAE J1113-11: 2023 SAE J1113-11: 2018		
SAE J1113-11: 2016 SAE J1113-11: 2017		
SAE J1113-11: 2017 SAE J1113-11: 2012		
SAE J1113-11: 2012 SAE J1113-11: 2007		
5/1L J1115-11. 2007		

STANDARD <sup>2</sup> :	DESCRIPTION OF STANDARD:	CHATSWORTH
SAE J1113-12	Electrical interference by conduction and coupling - capacitive and	
SAE J1113-12: 2022	inductive coupling via lines other than supply lines	
SAE J1113-12: 2017		
SAE J1113-12: 2006		
SAE J1113-13	Electromagnetic compatibility measurement p	procedure for vehicle
SAE J1113-13: 2015	components - Part 13 immunity to electrostati	
SAE J1113-13: 2011		
SAE J1113-13: 2004		
SAE J1113-21: 2013	Electrical interference by conduction and cou	pling - coupling clamp and
SAE J1113-21: 2005	chattering relay	
SAE J1113-22: 2010	Electromagnetic compatibility measurement p	procedure for vehicle
SAE J1113-22: 2003	components - Part 22 - immunity to radiated i	magnetic fields
SAE J1113-26	Electromagnetic compatibility measurement p	procedure for vehicle
SAE J1113-26: 2021	components -Part 26 - immunity to AC power	r lines electric fields
SAE J1113-26: 2014		
SAE J1113-26: 2013		
SAE J1113-26: 2006		
MILITARY / AEROSPA	<u>CE</u>	
MIL-STD-461A/B/C,	Electromagnetic emission and susceptibility r	requirements for the control
Using the methods of	of electromagnetic interference:	
Mil-STD-462	[Emissions: CE01, CE02, CE03, CE04, CE05, CE06, CE07, RE01,	
	RE02,-RE03]	
	[Susceptibility: CS01, CS02, CS03, CS04, CS	
	CS09, CS10, CS11, CS-12, RS01, RS02, RS-0.	3, RS06]
MIL-STD-461D	Electromagnetic emission and susceptibility r	requirements for the control
Using the methods of	of electromagnetic interference:	
MIL-STD-462D	[Emissions: CE101, CE102, CE106, RE101, I	
	[Susceptibility: CS101, CS103, CS104, CS103	5, CS109, CS114, CS115,
	CS116, RS101, RS103]	
MIL-STD-461E	Electromagnetic emission and susceptibility r	requirements for the control
	of electromagnetic interference:	
	[Emissions: CE101, CE102, CE106, RE101, I	<del>_</del>
	[Susceptibility: CS101, CS103, CS104, CS103	5, CS109, CS114, CS115,
NOTE ASSESSMENT	CS116, RS101, RS103]	
MIL-STD-461F	Electromagnetic emission and susceptibility r	requirements for the control
	of electromagnetic interference:	DE103 DE103
	[Emissions: CE101, CE102, CE106, RE101, I	
	[Susceptibility: CS101, CS103, CS104, CS105	o, CS100, CS109, CS114,
MIL CTD 461C	CS115, CS116, RS101, RS103]	a avinamanta for the senter 1
MIL-STD-461G	Electromagnetic emission and susceptibility r	requirements for the control
	of electromagnetic interference:	DE102 DE1021
	[Emissions: CE101, CE102, CE106, RE101, I	=
	[Susceptibility: CS101, CS103, CS104, CS105]	o, Co109, Co114, Co115,
	CS116, CS117, CS118, RS101, RS103]	

STANDARD <sup>2</sup> :	DESCRIPTION OF STANDARD:	CHATSWORTH
MIL-STD-704F	Aircraft Electrical Power Characteristics	
MIL-STD-704E		
MIL-STD-704D		
MIL-STD-704C		
MIL-STD-704B		
MIL-STD-704A		
MIL-STD-704		
MIL-HDBK-704-2	Guidance for Test Procedures for Demonstrati Compliance to Aircraft Electrical Power Chart 400Hz, 115VAC	acteristics – Single Phase,
MIL-HDBK-704-3	Guidance for Test Procedures for Demonstrati Compliance to Aircraft Electrical Power Chara 400Hz, 115VAC	
MIL-HDBK-704-4	Guidance for Test Procedures for Demonstrati Compliance to Aircraft Electrical Power Char- Variable Frequency, 115VAC	acteristics – Single Phase,
MIL-HDBK-704-5	Guidance for Test Procedures for Demonstrati Compliance to Aircraft Electrical Power Char- Variable Freuqency, 115VAC	acteristics – Three Phase,
MIL-HDBK-704-6	Guidance for Test Procedures for Demonstrati Compliance to Aircraft Electrical Power Chara- 60Hz, 115VAC	* *
MIL-HDBK-704-7	Guidance for Test Procedures for Demonstrati Compliance to Aircraft Electrical Power Char-	
MIL-HDBK-704-8	Guidance for Test Procedures for Demonstrati Compliance to Aircraft Electrical Power Char-	ion of Utilization Equipment acteristics – 28VDC
RTCA/DO-160C	Environmental conditions and test procedures [Sections: 15, 16, 17, 18, 19, 20, 21, & 22]	
RTCA/DO-160D/E/F/G	Environmental conditions and test procedures [Sections: 15, 16, 17, 18, 19, 20, -21, 22, & 25]	* *
RTCA/DO-380	Environmental conditions and test procedures equipment. [Sections: 16, 19, 20, 21, 22, & 23]	for ground-based
		1
	PRODUCT FAMILY STANDARDS:	
EUROPEAN NORM		
EN 50498	Electromagnetic compatibility (EMC). Produc	et family standard for
EN 50498: 2010	aftermarket electronic equipment in vehicles	
EN 61000-4-2	Electromagnetic compatibility (EMC) – Part 4	
EN 61000-4-2: 2009	measurement techniques – Electrostatic discha	arge immunity test
<u>UNITED NATIONS</u>		

STANDARD <sup>2</sup> :	DESCRIPTION OF STANDARD:	CHATSWORTH
UN/ECE Addendum 9	Concerning the Adoption of Uniform Techni	ical Prescription for Wheeled
Regulation 10	Vehicles, Equipment and Parts which can be	Fitted and/or be Used on
Rev 6+A1+A2	Wheeled Vehicles and the Conditions for Re	eciprocal Recognition and
Rev 6+A1	Approvals Granted on the Basis of these Pre-	scriptions.
Rev 6	Uniform provisions concerning the approval	of vehicles with regard to
Rev 5+A1+A2	electromagnetic compatibility	_
Rev 5+A1	[Sections 7, 8, 9, 10, 17, 18, 19, 20, 21, 22]	
Rev 5		

## 22116 23<sup>rd</sup> Drive S.E. Bothell, WA 98021

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	<b>CANYON PARK</b>
Core Measurement Methods:		
RADIATED / CONDUCTE	<u>CD EMISSIONS</u>	
ANSI C63.4 ANSI C63.4-2014	American National Standard for Methods of N Noise Emissions from Low-Voltage Electrical in the Range of 9 kHz to 40 GHz	
CISPR 11 CISPR 11: 2015+A1+A2 CISPR 11: 2015+A1 CISPR 11: 2015 CISPR 11: 2009+A1 CISPR 11: 2009 CISPR 11: 2003	Industrial, scientific and medical (ISM) radio- Electromagnetic disturbance characteristics - I measurement	Limits and methods of
CISPR 14-1 CISPR 14-1: 2020 CISPR 14-1: 2016 CISPR 14-1: 2005+A1 CISPR 14-1: 2005	Electromagnetic compatibility – Requirements electric tools and similar apparatus – Part 1 Er	s for household appliances, mission [excluding clicks]
CISPR 15 CISPR 15: 2018	Limits and methods of measurement of radio of electrical lighting and similar equipment	
CISPR 22: 2008 CISPR 22: 2005+A1+A2 CISPR 22: 2005+A1 CISPR 22: 2005	Information technology equipment – Radio dis Limits and methods of measurement [table top above 1 GHz]	
CISPR 32 CISPR 32: 2015+A1 CISPR 32: 2015 CISPR 32: 2012+C1+C2	Electromagnetic compatibility of multimedia of Requirements	equipment - Emission
ICES-001 ICES-003	Industrial, Scientific and Medical (ISM) radio Information Technology Equipment (ITE) - Li measurement	
ICES-004	Alternating current high voltage power system	ns
ICES-005	Radio frequency lighting devices	
ICES-006	AC Wire Carrier Current Devices (Unintention	
ICES-GEN	General Requirements for Compliance of Inter Equipment	
IEC 61000-3-2 IEC 61000-3-2: 2018+A1+A2 IEC 61000-3-2: 2018+A1 IEC 61000-3-2: 2018	Electromagnetic Compatibility (EMC) – Part 3 for harmonic current emissions (equipment inphase)	

<b>DESCRIPTION OF STANDARD:</b>	CANYON PARK
Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 3 –	
Limitation of voltage fluctuations and flicker in low-voltage supply	
systems for equipment with rated current ≤ 16 A	
Methods of measurements of radio noise em scientific and medical equipment	issions from industrial,
Electromagnetic compatibility - Requirement	nts for household appliances,
standard	, , ,
Information technology equipment - Immun	ity characteristics - Limits
and methods of measurement	
Electromagnetic compatibility of multimedia	a equipment - Immunity
	4
	radio telephones - immunity
test (900 MHz, 5 MHz keyed carrier)	radio telephones immanity
Electromagnetic compatibility (EMC) - Part	
measurement techniques - Electrostatic discl	harge immunity test
Electromagnetic compatibility (EMC) - Part	4-3 Testing and
measurement techniques - Radiated, radio-fr	requency, electromagnetic
field immunity test	
Electromagnetic compatibility (EMC) - Part	
measurement techniques - Electrical fast tran	nsient/burst immunity test
Electromagnetic compatibility (EMC) - Part	4-5 Testing and
measurement techniques - Surge immunity t	est
Electromagnetic compatibility (EMC) - Part	4-6 Testing and
measurement techniques - Immunity to cond	
by radio-frequency fields	
	Electromagnetic Compatibility (EMC) – Par Limitation of voltage fluctuations and flicke systems for equipment with rated current ≤ 1 Methods of measurements of radio noise emscientific and medical equipment  Electromagnetic compatibility - Requirement electric tools, and similar apparatus - Part 2 standard  Information technology equipment - Immunand methods of measurement  Electromagnetic compatibility of multimedirequirements  Radiated electromagnetic field from digital stest (900 MHz, 5 MHz keyed carrier)  Electromagnetic compatibility (EMC) - Part measurement techniques - Electrostatic discipled immunity test  Electromagnetic compatibility (EMC) - Part measurement techniques - Radiated, radio-fifield immunity test  Electromagnetic compatibility (EMC) - Part measurement techniques - Electrical fast transcriptions and the part of th

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	CANYON PARK
IEC 61000-4-8	Electromagnetic compatibility (EMC) - Part 4 Te	
IEC 61000-4-8: 2009	techniques - Section 8 Power frequency magnetic field immunity test	
IEC 61000-4-8: 1993+A1	basic EMC publication	
IEC 61000-4-8: 1993	out zare puration	
IEC 61000-4-11	Electromagnetic compatibility (EMC) - Part 4 Te	esting and measuring
IEC 61000-4-11: 2020	techniques - Section 11 Voltage dips, short interr	
IEC 61000-4-11: 2020	variations immunity tests	aptions and voltage
IEC 61000-4-11: 2004	variations ininiality tests	
IEC 61000-4-11: 1994+A1		
IEC 61000-4-11: 1994		
IEC 61000-4-12	Electromagnetic Compatibility (EMC) - Part 4-12	2: Testing and
IEC 61000-4-12: 2017	measurement techniques - Ring wave immunity t	
IEC 61000-4-13	Electromagnetic compatibility (EMC) - Part 4-13	
IEC 61000-4-13:	measurement techniques - Harmonics and interha	
2002+A1+A2	signaling at A.C. power port, low frequency imm	
IEC 61000-4-21	Electromagnetic compatibility (EMC). Testing at	
1LC 01000-4-21	techniques. Reverberation chamber test methods	id measurement
	[excluding sections 6.2, 6.3 and Annexes E, F, G,	and H
IEC 61000-4-39	Electromagnetic compatibility (EMC) – Part 4-39	
IEC 61000-4-39: 2017	measurement techniques – Radiated fields in clos	
IEC 01000-4-39. 2017	test [9 kHz to 26 MHz]	se proximity – inilitumity
	test [3 kH2 to 20 kH12]	
AUTOMOTIVE	<u> </u>	
CISPR 25	De die dietenden er elementenisties fandle meste st	
	Radio disturbance characteristics for the protection	
CISPR 25: 2021 CISPR25: 2016	board vehicles, boats, and on devices - Limits and	d methods of
CISPR25: 2016 CISPR25: 2008	measurement	
	[2021: excluding sections 5, and 6.6]	
CISPR25: 2002	[2016: excluding sections 5, 6.6 and 6.7]	
	[2008: excluding sections 5, 6.5 and 6.6]	
ISO 7637-2	[2002: excluding sections 5 and 6.5]	44: 4 1:
	Road vehicles - Electrical disturbances from cond	
ISO 7637-2: 2011	Part 2: Electrical transient conduction along supp	ory lines only
ISO 7637-2: 2004+A1		
ISO 7637-2: 2004	D - 1 - 1 - 1 - 1	14
ISO 7637-3 ISO 7637-3: 2016	Road vehicles - Electrical disturbances from cond	
	Part 3: - Electrical transient transmission by capa	criive and inductive
ISO 7637-3: 2007 ISO 10605	coupling via lines other than supply lines  Road vehicles - Test methods for electrical distur	hances from alastrostation
ISO 10605 ISO 10605: 2023	discharge	vances from electrostatic
ISO 10605: 2025 ISO 10605: 2008+A1	discharge	
ISO 10605: 2008 AT		
ISO 10605: 2001		
ISO 11452-2	Road vehicles - Component test methods for alex	trical disturbances from
ISO 11452-2: 2019	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2 Absorber-lined	
ISO 11452-2: 2004	shielded enclosure	at 2 Ausuluci-IIIICu
ISO 11452-4	Road vehicles - Component test methods for elec	trical disturbances from
ISO 11452-4: 2020	narrowband radiated electromagnetic energy - Pa	
ISO 11452-4: 2020	methods (BCI method only)	at 7. Hainess excitation
15U 11432-4, 2011	memous (DCI memou omy)	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK
ISO 11452-4: 2005	Road vehicles - Component test methods for electrical disturbances from
ISO 11452-4: 2001	narrowband radiated electromagnetic energy - Part 4 Bulk current
	injection (BCI)
ISO 11452-5	Road vehicles - Component test methods for electrical disturbances from
ISO 11452-5: 2002	narrowband radiated electromagnetic energy - Part 5: Stripline
ISO 11452-7	Road vehicles - Component test methods for electrical disturbances from
ISO 11452-7: 2003+A1	narrowband radiated electromagnetic energy - Part 7: Direct radio
ISO 11452-7: 2003	frequency (RF) power injection
ISO 11452-8	Road vehicles - Component test methods for electrical disturbances from
ISO 11452-8: 2015	narrowband radiated electromagnetic energy - Part 8 Immunity to
ISO 11452-8: 2007	magnetic fields
ISO 11452-9	Road vehicles — Component test methods for electrical disturbances
ISO 11452-9: 2021	from narrowband radiated electromagnetic energy — Part 9: Portable
ISO 11452-9: 2012	transmitters
ISO 11452-10	Road vehicles - Component test methods for electrical disturbances from
ISO 11452-10: 2009	narrowband radiated electromagnetic energy - Part 10 Immunity to
	conducted disturbances in the extended audio frequency range
ISO 13766-1	Earth-moving and building construction machinery - Electromagnetic
ISO 13766-1: 2018	compatibility (EMC) of machines with internal electrical power supply -
	Part 1: General EMC requirements under typical electromagnetic
	environmental conditions
ISO 13766-2	Earth-moving and building construction machinery - Electromagnetic
ISO 13766-2: 2018	compatibility (EMC) of machines with internal electrical power supply -
	Part 2: Additional EMC requirements for functional safety
ISO 13766: 2006	Earth-moving machinery - Electromagnetic compatibility
ISO 14982: 1998	Agricultural and forestry machinery - Electromagnetic compatibility -
	Test methods and acceptance criteria
ISO 16750-2	Road vehicles Environmental conditions and testing for electrical and
ISO 16750-2: 2023	electronic equipment Part 2: Electrical loads
ISO 16750-2: 2012	[excluding 4.6.2, 4.11, & 4.12]
ISO 16750-2: 2010	[4.6.4 calibration into 2 ohms $T_d$ meets the No Load verification time]
SAE J1113-2: 2010	Electromagnetic compatibility measurement procedures and limits for
SAE J1113-2: 2004	vehicle components (except aircraft) - conducted immunity
	(15 Hz to 250 kHz) - all leads
SAE J1113-4	Immunity to radiated electromagnetic fields - Bulk current injection
SAE J1113-4: 2020	(BCI) method
SAE J1113-4: 2014	
SAE J1113-4: 2004	
SAE J1113-11	Immunity to conducted transients on power leads
SAE J1113-11: 2023	[except Pulse 5 calibration into 2 Ohms $T_d$ meets $400ms \pm 80ms$ ]
SAE J1113-11: 2018	
SAE J1113-11: 2017	
SAE J1113-11: 2012	
SAE J1113-11: 2007	
SAE J1113-12	Electrical interference by conduction and coupling - capacitive and
SAE J1113-12: 2022	inductive coupling via lines other than supply lines
SAE J1113-12: 2017	
SAE J1113-12: 2006	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<b>CANYON PARK</b>
SAE J1113-13	Electromagnetic compatibility measurement procedure for vehicle	
SAE J1113-13: 2015	components - immunity to electrostatic discharge	
SAE J1113-13: 2011		
SAE J1113-13: 2004		1' 1' 1 1
SAE J1113-21: 2013	Electrical interference by conduction and c	coupling - coupling clamp and
SAE J1113-21: 2005 SAE J1113-22: 2010	chattering relay  Electromagnetic compatibility measurement	nt procedure for vehicle
SAE J1113-22: 2010 SAE J1113-22: 2003	components - immunity to radiated magnet	
SAE J1113-22: 2003 SAE J1113-41: 2006	Limits and methods of measurement of rad	
SAE J1113-41: 2000	of components and modules for the protect vehicles	
SAE J1455	Joint SAE/TMC recommended environmen	ntal practices for electronic
SAE J1455: 2017 SAE J1455: 2012	equipment design (heavy-duty trucks), [Sec 4.13.3]	ctions: 4.13.1, 4.13.2 and
SAE J1752-3	(R) measurement of radiated emissions fro	
SAE J1752-3: 2017	TEM/wideband TEM (GTEM) cell method	
	wideband TEM cell 150 kHz to 8 GHz [up	to 3GHz]
ENERGY CDID / EV		
ENERGY GRID / EV	English and the ATT of the Description of the	6
IEEE 1613: 2009	Environmental and Testing Requirements to Networking Devices Installed in Electric P	
	Networking Devices installed in Electric P	ower Substations
MARITIME		
DNV-CG-0339	Class Guideline: Environmental test specif	ication for electrical, electronic
DNV-CG-0339: 2021	and programmable equipment and systems	
DNVGL-CG-0339: 2019	[Sections 3.4, 3.5, 3.12, 3.13, & 3.14]	
DNVGL-CG-0339: 2016		
MILITARY / AEROSPAC	r	
MIL-STD-461A/B/C	Electromagnetic emission and susceptibilit	y requirements for the control
Using the methods of	of electromagnetic interference:	y requirements for the control
Mil-STD-462	[Emissions: CE01, CE02, CE03, CE04, CE RE03]	E05, CE06, CE07, RE01, RE02,
	[Susceptibility: CS01, CS02, CS03, CS04, CS09, CS10, CS11, CS12, RS01, RS02, RS0	
MIL-STD-461D	Electromagnetic emission and susceptibilit	
Using the methods of	of electromagnetic interference:	•
MIL-STD-462D	[Emissions: CE101, CE102, CE106, RE10	· ·
	[Susceptibility: CS101, CS103, CS104, CS.	105, CS109, CS114, CS115,
	CS116, RS101, RS103]	
MIL-STD-461E	Electromagnetic emission and susceptibilit	y requirements for the control
	of electromagnetic interference:	1 DE102 DE1023
	[Emissions: CE101, CE102, CE106, RE10	<u>=</u>
	[Susceptibility: CS101, CS103, CS104, CS. CS116, RS101, RS103]	105, CS107, CS114, CS115,
	C5110, N5101, N5105	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	CANYON PARK
MIL-STD-461F	Electromagnetic emission and susceptibility requirements for the contri	
	of electromagnetic interference:	•
	[Emissions: CE101, CE102, CE106, RE101	l, RE102, RE103]
	[Susceptibility: CS101, CS103, CS104, CS105, CS106, CS109, CS114,	
	CS115, CS116, RS101, RS103]	
MIL-STD-461G	Electromagnetic emission and susceptibility requirements for the control	
	of electromagnetic interference:	
	[Emissions: CE101, CE102, CE106, RE101	
	[Susceptibility: CS101, CS103, CS104, CS1	105, CS109, CS114, CS115,
	CS116, CS117, CS118, RS101, RS103]	
MIL-STD-704F	Aircraft Electrical Power Characteristics	
MIL-STD-704E		
MIL-STD-704D		
MIL-STD-704C		
MIL-STD-704B		
MIL-STD-704A		
MIL-STD-704		
MIL-HDBK-704-2	Guidance for Test Procedures for Demonstr	
	Equipment Compliance to Aircraft Electric	al Power Characteristics –
	Single Phase, 400Hz, 115VAC	
MIL-HDBK-704-3	Guidance for Test Procedures for Demonstr	
	Equipment Compliance to Aircraft Electric	al Power Characteristics –
	Three Phase, 400Hz, 115VAC	
MIL-HDBK-704-4	Guidance for Test Procedures for Demonstr	
	Equipment Compliance to Aircraft Electric	
	Single Phase, Variable Frequency, 115VAC	
MIL-HDBK-704-5	Guidance for Test Procedures for Demonstr	
	Equipment Compliance to Aircraft Electric	
	Three Phase, Variable Freuqency, 115VAC	
MIL-HDBK-704-6	Guidance for Test Procedures for Demonstration of Utilization	
	Equipment Compliance to Aircraft Electric	al Power Characteristics –
	Single Phase, 60Hz, 115VAC	
MIL-HDBK-704-7	Guidance for Test Procedures for Demonstr	
	Equipment Compliance to Aircraft Electric	al Power Characteristics –
	270VDC	
MIL-HDBK-704-8	Guidance for Test Procedures for Demonstr	
	Equipment Compliance to Aircraft Electric	al Power Characteristics –
	28VDC	
RTCA/DO-160C	Environmental conditions and test procedur	res of airborne equipment
	[Sections: 15, 16, 17, 18, 19, 20, 21, & 22]	
RTCA/DO-160D/E/F/G	Environmental conditions and test procedure	
	[Sections: 15, 16, 17, 18, 19, 20, 21, 22, &	
RTCA/DO-380	Environmental conditions and test procedure	•
	equipment [Sections: 16, 19, 20, 21, 22, &	25]
RADIO / WIRELESS		
ANSI C63.10	American National Standard for Testing Ur	nlicensed Wireless Devices
ANSI C63.10: 2020		
ANSI C63.10: 2013		
		916

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
ANSI C63.17	American National Standard for Methods of Measurement of the	
ANSI C63.17: 2013	Electromagnetic and Operational Compatibility of Unlicensed Personal	
	Communications Services (UPCS) Devices	
ANSI C63.26	American National Standard for Compliance Testing of Transmitters	
ANSI C63.26: 2015	Used in Licensed Radio Services	
ANSI C63.30	American National Standard for Methods of Measurements of Radio-	
ANSI C63.30: 2021	Frequency Emissions from Wireless Power Transfer Equipment	
ANSI/TIA-603E	Land mobile FM or PM communications equipment measurement and	
TIA-102.CAAA-E	performance standards	
FCC KDB 905462 D02	U-NII with DFS Intentional Radiators	
FCC KDB 905462 D02 v02		
EN 300 086	Land Mobile Service; Radio equipment with an internal or external RF	
EN 300 086 v2.1.2	connector intended primarily for analogue speech	
EN 300 113	Land Mobile Service; Radio equipment intended for the transmission of	
EN 300 113 v3.1.1	data (and/or speech) using constant or non-constant envelope modulation	
EN 300 113 v2.2.1	and having an antenna connector	
EN 300 219	Land Mobile Service; Radio equipment transmitting signals to initiate a	
EN 300 219 v2.1.1	specific response in the receiver	
EN 300 220-1	Short Range Devices (SRD) operating in the frequency range 25 MHz to	
EN 300 220-1 v3.1.1	1 000 MHz; Part 1: Technical characteristics and methods of	
	measurement	
EN 300 220-2	Short Range Devices (SRD) operating in the frequency range 25 MHz to	
EN 300 220-2 v3.2.1	1 000 MHz; Part 2: Harmonised Standard for access to radio spectrum for	
EN 300 220-2 v3.1.1	non-specific radio equipment	
EN 300 220-3-1	Short Range Devices (SRD) operating in the frequency range 25 MHz to	
EN 300 220-3-1 v2.1.1	1 000 MHz; Part 3-1: Low duty cycle high reliability equipment, social	
	alarms equipment operating on designated frequencies,	
	869,200 MHz to 869,250 MHz	
EN 300 220-3-2	Short Range Devices (SRD) operating in the frequency range 25 MHz to	
EN 300 220-3-2 v1.1.1	1 000 MHz; Part 3-2: Wireless alarms operating in designated LDC/HR	
	frequency bands 868,60 MHz to 868,70 MHz,	
	869,25 MHz to 869,40 MHz, 869,65 MHz to 869,70 MHz	
EN 300 220-4	Short Range Devices (SRD) operating in the frequency range 25 MHz to	
EN 300 220-4 v1.1.1	1 000 MHz; Part 4: Metering devices operating in designated band	
	169,400 MHz to 169,475 MHz	
EN 300 224	Land Mobile Service; Radio Equipment for use in a Paging Service	
EN 300 224 v2.1.1	operating within the frequency range 25 MHz - 470 MHz	
EN 300 328	Wideband transmission systems; Data transmission equipment operating	
EN 300 328 v2.2.2	in the 2,4 GHz band; Harmonised Standard for access to radio spectrum	
EN 300 328 v2.1.1		
EN 300 330	Short Range Devices (SRD); Radio equipment in the frequency range	
EN 300 330 v2.1.1	9 kHz to 25 MHz and inductive loop systems in the frequency range	
	9 kHz to 30 MHz	
EN 300 422-1	Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Class A	
EN 300 422-1 v2.2.1	Receivers	
EN 300 422-1 v2.1.2		
EN 300 422-1 v1.4.2		
EN 300 422-2	Wireless Microphones; Audio PMSE up to 3 GHz; Part 2: Class B	
EN 300 422-2 v2.1.1	Receivers	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
EN 300 422-3	Wireless Microphones; Audio PMSE up to 3 GHz; Part 3: Class C	
EN 300 422-3 v2.1.1	Receivers	
EN 300 422-4	Wireless Microphones; Audio PMSE up to 3 GHz; Part 4: Assistive	
EN 300 422-4 v2.1.1	Listening Devices including personal sound amplifiers and inductive	
21.000 .222.111	systems (up to 3 GHz)	
EN 300 433	Citizens' Band (CB) radio equipment	
EN 300 433 v2.1.1	* *	
EN 300 440	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to	
EN 300 440 v2.2.1	40 GHz frequency range; Harmonised Standard for access to radio	
EN 300 440 v2.1.1	spectrum	
EN 300 454-2	Electromagnetic Compatibility and Radio Spectrum Matters (ERM) -	
EN 300 454-2 v1.1.1	Wide band audio links	
EN 300 487	Satellite Earth Stations and Systems (SES); Harmonised Standard for	
EN 300 487 v2.1.2	Receive-Only Mobile Earth Stations (ROMES) providing data	
LIV 300 407 V2.1.2	·	
EN 301 357	communications operating in the 1,5 GHz frequency band Cordless audio devices in the range 25 MHz to 2 000 MHz	
EN 301 357 EN 301 357 v2.1.1	Cordiess addio devices in the range 23 MITZ to 2 000 MITZ	
	C1.1.1C	
EN 301 502	Global System for Mobile communications (GSM); Base station and	
EN 301 502 v12.5.2	repeater equipment	
EN 301 893	Wireless Access Systems; 5GHz Radio Local Area Network (RLAN)	
EN 301 893 v2.1.1	[excluding section 5.4.9.3.2.4.1]	
EN 301 908-1	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-1 v15.2.1	Part 1: Introduction and common requirements	
EN 301 908-1 v15.1.1		
EN 301 908-1 v13.1.1		
EN 301 908-3	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-3 v15.1.1	Part 3: CDMA Direct Spread (UTRA FDD) Base Stations	
EN 301 908-3 v13.1.1		
EN 301 908-5	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-5 v5.2.1	Part 5: CDMA Multi-Carrier (cdma2000) Base Stations	
EN 301 908-7	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-7 v5.2.1	Part 7: CDMA TDD (UTRA TDD) Base Stations	
EN 301 908-9	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-9 v1.1.1	Part 9: Harmonized EN for IMT-2000, TDMA Single-Carrier (UWC 136)	
	Base Station	
EN 301 908-11	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-11 v11.1.2	Part 11: CDMA Direct Spread (UTRA FDD) Repeaters	
EN 301 908-12	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-12 v7.1.1	Part 12: CDMA Multi-Carrier (cdma2000) Repeaters	
EN 301 908-14	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-14 v15.1.1	Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base	
EN 301 908-14 v13.1.1	Stations	
EN 301 908-15	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-15 EN 301 908-15 v15.1.1	Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD)	
	· · · · · · · · · · · · · · · · · · ·	
EN 301 908-15 v11.1.2	Repeaters IMT Collular Naturality Page Stations (PS) and Pagesters	
EN 301 908-17	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-17 v4.2.1	Part 17: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier	
	Ultra Mobile Broadband (UMB) Base Station	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
EN 301 908-18	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-18 v15.1.1	Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR)	
EN 301 908-18 v13.1.1	Base Station	
EN 301 908-20	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-20 v6.3.1	Part 20: OFDMA TDD WMAN (Mobile WiMAX <sup>TM</sup> ) Base Station	
EN 301 908-22	IMT Cellular Networks; Base Stations (BS) and Repeaters	
EN 301 908-22 v6.1.1	Part 22: OFDMA TDD WMAN (Mobile WiMAX <sup>TM</sup> ) Base Station	
EN 302 064	Wireless Video Links operating in the 1,3 GHz to 50 GHz frequency	
EN 302 064 v2.1.1	band	
EN 302 064-2 v1.1.1		
EN 302 065-1	Short Range Devices (SRD) using Ultra Wide Band technology (UWB);	
EN 302 065-1 v2.1.1	Part 1: Requirements for Generic UWB applications	
EN 302 065-2	Short Range Devices (SRD) using Ultra Wide Band technology (UWB);	
EN 302 065-2 v2.1.1	Part 2: Requirements for UWB location tracking	
EN 302 066	Short Range Devices (SRD); Ground- and Wall- Probing Radar	
EN 302 066 v2.2.1	applications (GPR/WPR) imaging systems	
EN 302 066-2 v1.2.1		
EN 302 195	Short Range Devices (SRD); Ultra Low Power Active Medical Implants	
EN 302 195 v2.1.1	(ULP-AMI) and accessories (ULP-AMI-P) operating in the frequency	
	range (9 to 315) kHz	
EN 302 208	Radio Frequency Identification Equipment operating in the band	
EN 302 208 v3.4.1	865 MHz to 868 MHz with power levels up to 2 W and in the band	
EN 302 208 v3.3.1	(915 to 921) MHz with power levels up to 4 W	
EN 302 208 v3.1.1	•	
EN 302 326-2	Fixed Radio Systems; Multipoint equipment and antennas;	
EN 302 326-2 v2.1.1	Part 2: digital multipoint radio equipment	
EN 302 326-2 v1.2.2		
EN 302 502	Wireless Access Systems (WAS);	
EN 302 502 v2.1.1	5,8 GHz fixed broadband data transmitting systems	
EN 302 645	Electromagnetic compatibility and radio spectrum matters (ERM); Short	
EN 302 645 v1.1.1	range devices; Global navigation satellite systems (GNSS) repeaters	
EN 303 413	Satellite Earth Stations and Systems (SES); Global Navigation Satellite	
EN 303 413 v1.2.1	System (GNSS) receivers; Radio equipment operating in the	
EN 303 413 v1.1.1	1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands	
EN 303 417	Wireless power transmission systems, using technologies other than radio	
EN 303 417 v1.1.1	frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz,	
	100 - 300 kHz, 6 765 - 6 795 kHz ranges	
EN 303 446-1	ElectroMagnetic Compatibility (EMC) standard for combined and/or	
EN 303 446-1 v1.2.1	integrated radio and non-radio equipment; Part 1: Requirements for	
	equipment intended to be used in residential, commercial and light	
	industry locations	
EN 303 446-2	ElectroMagnetic Compatibility (EMC) standard for combined and/or	
EN 303 446-2 v1.2.1	integrated radio and non-radio equipment; Part 2: Requirements for	
	equipment intended to be used in industrial locations	
EN 303 454	Short Range Devices (SRD); Metal and object detection sensors in the	
EN 303 454 v1.1.1	frequency range 1 kHz to 148,5 kHz	
RSS-111	Broadband public safety equipment operating in the band	
	(4940 to 4990) MHz	
	(12.10 to 12.20) THE	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	CANYON PARK	
RSS-112	Land mobile and fixed equipment operating in	n the band	
	(1670 to 1675) MHz		
RSS-117	Land and coast station transmitters using A1, A2, A3, A2H, or A3H		
	emissions operating in the (200 to 535) kHz b		
RSS-119	Land mobile and fixed radio transmitters and	receivers	
	(27.41 to 960) MHz		
RSS-123	Low power licensed radio communication dev	vices	
RSS-125	Land mobile and fixed radio transmitters and	receivers, (1.705 to 50.0)	
DCC 127	MHz, primarily amplitude modulated	(040 + 051) MII 1	
RSS-127	Air-Ground equipment operating in the bands (894 to 896) MHz		
RSS-130	Mobile Broadband Services (MBS) Equipmen		
	Frequency Bands (698 to 756) MHz and (777	to 787) MHz	
RSS-131	Zone enhancers for the land mobile service		
RSS-132	800 MHz Cellular telephones employing new	technologies	
RSS-133	2 GHz Personal communication services		
RSS-134	900 MHz Narrowband personal communication	ons services	
RSS-135	Digital scanner receivers		
RSS-137	Location and monitoring service (902 to 928)		
RSS-139	Advanced wireless services equipment operat (1710 to 1755) MHz and (2110 to 2155) MHz	Advanced wireless services equipment operating in the bands (1710 to 1755) MHz and (2110 to 2155) MHz	
RSS-140	Equipment Operating in the Public Safety Bro 758-768 MHz and 788-798 MHz	Equipment Operating in the Public Safety Broadband Frequency Bands	
RSS-141	Aeronautical radio communication equipment in the frequency band (117.975 to 137) MHz		
RSS-142	Narrowband multipoint communication system	ms in the (1427 to 1430)	
	MHz and (1493.5 to 1496.5) MHz bands		
RSS-170	Satellite mobile earth stations		
RSS-181	Coast and ship station single sideband radiotelephone transmitters and receivers operating in the (1,605 to 28,000) kHz band		
RSS-182	Maritime radio transmitters and receivers in the		
RSS-191	Local multipoint communication systems in the	, , ,	
	point and point-to-multipoint broadband commune 24 GHz and 38 GHz bands		
RSS-192	Fixed wireless access equipment operating in	the band	
	(3450 to 3650) MHz		
RSS-194		Fixed wireless access equipment operating in the band (953 to 960) MHz	
RSS-195	Wireless communications service equipment (2305 to 2320) MHz and (2345 to 2360) MHz	operating in the bands	
RSS-196	Point-to-Multipoint Broadband Equipment Op		
100 170	(512 to 608) MHz and (614 to 698) MHz for I		
	Systems (RRBS) (TV Channels 21 to 51)	rturur rtemese Breudeund	
RSS-197	Wireless broadband access equipment operati	ng in the band	
	(3650 to 3700) MHz	<i>5</i>	
RSS-198	Flexible Use Broadband Equipment Operating	g in the Band 3900-3980	
RSS-199	Broadband radio service (BRS) equipment op	erating in the hand	
100 177	(2500 to 2690) MHz	oraning in the build	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	CANYON PARK
RSS-210	Low power license exempt radio communicat	ion devices (All bands)
RSS-211	Level Probing Radar Equipment	
RSS-213	2 GHz License exempt personal communications service devices (PCS)	
RSS-215	Analogue scanner receivers	
RSS-216	Wireless Power Transfer Devices (Wireless Chargers)	
RSS-220	Devices using ultra-wideband (UWB) technol	
RSS-222	White Spaces Devices (WSDs)	- Cy
RSS-236	General radio service equipment operating in	the band
	(26.960 to 27.410) MHz	
RSS-238	Shipborne Radar in the (2,900 to 3,100) MHz	and (9,225 to 9,500) MHz
	bands	
RSS-243	Active medical implant communications syste	em devices in the
	(402 to 405) MHz band	
RSS-244	Medical Devices Operating in the Band 413-4	157 MHz
RSS-246	Ultra-Low Power (ULP) Wireless Medical Ca	
	Operating in the 430-440 MHz Band	
RSS-247	Digital Transmission Systems (DTSs), Freque	ency Hopping Systems
	(FHSs), and License-Exempt Local Area Netv	work (LE-LAN) Devices
RSS-248	Radio Local Area Network (RLAN) Devices	Operating in the 5925-7125
	MHz Band	
RSS-251	Field disturbance sensors in the bands (46.7 to	o 46.9) GHz and (76 to 77)
	GHz	
RSS-252	Intelligent Transportation Systems — Dedicar	
	Communications (DSRC) — On-Board Unit	
RSS-287	Emergency position indicating radio beacons	
	transmitters (ELT), personal locator beacons (	(PLB), and maritime
	survivor locator devices (MSLD)	
RSS-288	Global maritime distress and safety system (GMDSS)	
RSS-310	Low-power license exempt radio communicat	tion devices (All frequency
7.00	bands) category II equipment	17 1 2 1
RSS-GEN	General requirements and information for the	certification of radio
	communication equipment	
77.0 77.0100		
KS X 3123	Conformity Assessment Procedure of Radio F	
KS X 3143	Test Methods of radio disturbance for residen	tial wireless power-
NOTES A COST	transmission equipment	G 4 P3
MSIT No. 86, Jan 4, 2022	Regulations on Radio Equipment [excluding S	
MSIT Public Notification	Unlicensed Radio Equipment Established with	hout Notice [excluding SAR]
2024-22, May 30, 2024	T 1 1 1 D 1	
RRA Public Notification	Technical Requirements of Radio Wave Appl	ication
2022-28, Dec 30, 2022		
DE EVDOCUDE		
RF EXPOSURE		11 01 111 1
IEC 62233	Measurement methods for electromagnetic fields of household appliances	
IEC 62233: 2005	and similar apparatus with regard to human exposure.	
IEC 62311	Assessment of electronic and electrical equipment related to human	
IEC 62311: 2019	exposure restrictions for electromagnetic field	ls (up to 300 GHz)

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
IEC 62479	Assessment of the compliance of low power electronic and electrical	
IEC 62479: 2010	equipment with the basic restrictions related to human exposure to	
	electromagnetic fields (10 MHz to 300 GHz)	
RSS-102	Radio Frequency (RF) Exposure Compliance of Radiocommunication	
	Apparatus (All Frequency Bands) [MPE Calculations, RF Exposure	
	Measurement and Nerve Stimulation Measurement Only]	
RSS-102.NS.MEAS	Measurement Procedure for Assessing Nerve Stimulation (NS)	
	Compliance in Accordance with RSS-102 [excluding 5.1]	
	PRODUCT FAMILY STANDARDS:	
AUSTRALIA / NEW ZEAI	LAND	
ACMA Short Range	ACMA Radiocommunications Equipment (General) Rules 2021 –	
Equipment Standard	Schedule 5, Part 15, Short Range Equipment Standard using:	
	AS/NZS 4268: 2017 +A1: 2021	
	ETSI EN 300 220-1 v3.1.1: 2017	
	ETSI EN 300 330 v2.1.1: 2017	
	ETSI EN 300 440 v2.2.1: 2018	
	Federal Communications Commission Rules Title 47	
	(Telecommunications) Part 15–Radio Frequency Devices.	
ARPANSA RPS S-1	Standard for Limiting Exposure to Radiofrequency Fields – 100 kHz to	
ARPANSA RPS S-1: 2021	300 GHz [excluding SAR]	
AS/NZS 4268	Radio equipment and systems - Short range devices - Limits and methods	
AS/NZS 4268: 2017+A1	of measurement	
AS/NZS 4295	Analogue speech (angle modulated) equipment operating in land mobile	
AS/NZS 4295 (2015) +A1	and fixed services bands in the frequency range 29.7 MHz to 1 GHz	
AS/NZS 4768.1	Digital radio equipment operating in land mobile and fixed services band	
AS/NZS 4768.1 (2010)	in the frequency range 29.7 MHz to 1 GHz	
AS/NZS 61000.6.1	Electromagnetic Compatibility (EMC) Generic standard - Immunity for	
	residential, commercial and light-industrial environments	
AS/NZS 61000.6.2	Electromagnetic Compatibility (EMC) Generic standard - Immunity for	
	industrial environments	
AS/NZS 61000.6.3: 2021	Electromagnetic Compatibility (EMC) Emission standard for residential,	
	commercial and light-industrial environments	
AS 61000.6.4: 2020	Electromagnetic Compatibility (EMC) Emission standard for industrial	
	environments	
AS/NZS 61000.6.8	Electromagnetic compatibility (EMC) - Part 6-8: Generic standards -	
	Emission standard for professional equipment in commercial and light-	
	industrial locations	
AS CISPR 11: 2017	Industrial, Scientific and Medical (ISM) Radio frequency equipment -	
	Electromagnetic disturbance characteristics - Limits and methods of	
	measurement	
AS/NZS CISPR 14.1: 2021	Electromagnetic compatibility - Requirements for household appliances,	
	electric tools and similar apparatus - Emission [excluding clicks]	
AS/NZS CISPR 14.2	Electromagnetic compatibility - Requirements for household appliances	
	electric tools and similar apparatus - Immunity	
AS/NZS CISPR 32:	Electromagnetic compatibility of multimedia equipment - Emission	
2015   4.1		

Requirements

2015+A1

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
EUROPEAN NORM		
EN 12015 EN 12015: 2020 EN 12015: 2014	Electromagnetic compatibility - Product family standard for lifts, escalators and passenger conveyors – Emission	
EN 12016 EN 12016: 2013 EN 12016: 2004+A1 EN 12016: 2004 EN 12016: 1998	Electromagnetic compatibility - Product family standard for lifts, escalators and passenger conveyors - Immunity	
EN 12184 EN 12184: 2022 EN 12184: 2014	Electrically powered wheelchairs, scooters and their chargers - Requirements and test methods [Section 12.1 Only]	
EN 13309: 2010	Construction machinery – Electromagnetic compatibility of machines with internal electrical power supply	
EN 13763-26 EN 13763-26: 2004	Explosives for civil uses – Detonators and relays – Part 26	
EN ISO 13766-1 EN ISO 13766-1: 2018	Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 1: General EMC requirements under typical electromagnetic environmental conditions	
EN ISO 13766-2 EN ISO 13766-2: 2018	Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 2: Additional EMC requirements for functional safety	
EN ISO 14982 EN ISO 14982: 2009 EN 15194 EN 15194: 2017+A1 EN 15194: 2017 EN 15194: 2009+A1 EN 15194: 2009	Agricultural and forestry machinery – Electromagnetic compatibility – Test methods and acceptance criteria  Cycles – Electrically power assisted cycles – EPAC Bicycles	
EN 50065-1 EN 50065-1: 2011	Specification for signaling on low-voltage electrical installations in the frequency range (3 to 148.5) kHz - Part 1 General requirements, frequency bands and electromagnetic disturbances	
EN 50065-2-1 EN 50065-2-1: 2003+A1 EN 50065-2-1: 2003	Specification for signaling on low-voltage electrical installations in the frequency range (3 to 148.5) kHz - Part 2 Immunity requirements for mains communications equipment and systems operating in the range of frequencies (95 to 1485) kHz	
EN 50065-2-2 EN 50065-2-2: 2003+A1 EN 50065-2-2: 2003	Signaling on low-voltage electrical installations in the frequency range (3 to 148,5) kHz. Immunity requirements for mains communications equipment and systems operating in the range of frequencies (95 to 148,5) kHz	
EN 50065-2-3 EN 50065-2-3: 2024 EN 50065-2-3: 2003+A1 EN 50065-2-3: 2003	Signaling on low-voltage electrical installations in the frequency range (3 to 148.5) kHz. Immunity requirements for mains communications equipment and systems operating in the range of frequencies (3 to 95) kHz	
EN 50083-2 EN 50083-2: 2012+A1	Cable networks for television signals, sound signals and interactive services - Part 2 Electromagnetic compatibility for equipment	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	CANYON PARK
EN 50121-1	Railway applications - Electromagnetic comp	oatibility - Part 1 General
EN 50121-1: 2017		
EN 50121-1: 2006+AC		
EN 50121-3-2	Railway applications - Electromagnetic compatibility - Part 3-2 Rolling	
EN 50121-3-2: 2016+A1	stock - Apparatus	
EN 50121-3-2: 2016	Stock Apparatus	
EN 50121-4	Railway applications - Electromagnetic compatibility - Part 4 Emission	
EN 50121-4: 2016+A1	and immunity of the signaling and telecommu	
EN 50121-4: 2016	with management of the signature with the signature of th	announced apparatus
EN 50130-4	Alarm systems - Part 4 Electromagnetic comp	patibility - Product family
EN 50130-4: 2011+A1	standard - Immunity requirements for components	
EN 50130-4: 2011	social alarm systems	01 111 0, 1111 0 0 0 1 0110
EN 50270	Electromagnetic compatibility - Electrical app	paratus for the detection and
EN 50270: 2015+AC	measurement of combustible gases, toxic gase	
EN 50370-1	Electromagnetic Compatibility (EMC) - Prod	
EN 50370-1: 2005	machine tools - Part 1 Emissions.	act failing standard for
EN 50370-1. 2003	Electromagnetic Compatibility (EMC) - Prod	uct family standard for
EN 50370-2: 2003	machine tools - Part 2 Immunity	act failing Standard 101
EN 50498	Electromagnetic compatibility (EMC). Produ	at family standard for
		Ci failing Standard for
EN 50498: 2010	aftermarket electronic equipment in vehicles	
EN 55011	Industrial, Scientific and Medical (ISM) radio	
EN 55011:	Radio disturbance characteristics - Limits and methods of measurement	
2016+A1+A2+A11		
EN 55011: 2016+A1+A11		
EN 55011: 2016+A1		
EN 55011: 2016		
EN 55011: 2009+A1		
EN 55011: 2009		
EN IEC 55014-1	Electromagnetic compatibility - Requirement	
EN IEC 55014-1: 2021	electric tools and similar apparatus - Part 1 En	mission [excluding clicks]
EN 55014-1: 2017+A11		
EN 55014-1: 2017		
EN 55014-1: 2006+A1+A2		
EN 55014-1: 2006+A1		
EN 55014-1: 2006		
EN IEC 55014-2	Electromagnetic compatibility - Requirement	
EN IEC 55014-2: 2021	electric tools and similar apparatus - Part 2 In	nmunity - Product family
EN 55014-2: 2015	standard	
EN 55014-2:		
1997+A1+A2+AC		
EN 55014-2: 1997+A1+AC		
EN 55014-2: 1997		
EN IEC 55015	Limits and methods of measurement of radio	disturbance characteristics
EN IEC 55015: 2019+A11	of electrical lighting and similar equipment	
EN IEC 55015: 2019		
EN 55015: 2013		
EN 55022: 2010	Information technology equipment - Radio di	sturbance characteristics -
EN 55022: 2006+A1+A2	Limits and methods of measurement [table-to	
	above 1 GHz]	1 1 1
	W00701 0112	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
EN 55024: 2010+A1	Information technology equipment - Immunity characteristics - Limits	
EN 55024: 2010	and methods of measurement	
EN 55032	Electromagnetic compatibility of multimedia equipment - Emission	
EN 55032: 2015+A11	requirements	
EN 55032: 2015		
EN 55032: 2012		
EN 55035	Electromagnetic compatibility of multimedia equipment - Immunity	
EN 55035: 2017+A11	requirements	
EN 55035: 2017	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
EN 55103-1: 2009+A1	Electromagnetic compatibility - Product family standard for audio, video,	
EN 55103-1: 2009	audio-visual and entertainment lighting control apparatus for professional use – Emission	
EN 55103-2: 2009	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Immunity	
EN 60034-1	Rotating electrical machines – Part 1 [Section 13]	
EN 60034-1: 2010		
EN 60601-1-2	Medical electrical equipment - Part 1-2 General requirements for safety -	
EN 60601-1-2: 2015+A1	Collateral standard - Electromagnetic compatibility - requirements and	
EN 60601-1-2: 2015	tests	
EN 60601-1-2: 2007		
EN IEC 60601-2-2	Medical electrical equipment - Part 2-2 Particular requirements for the	
EN IEC 60601-2-2:	safety of high frequency surgical equipment [EMC sections only]	
2018+A1		
EN IEC 60601-2-2: 2018		
EN 60601-2-2: 2009+A11		
EN 60601-2-2: 2009		
EN 60601-2-4	Medical electrical equipment - Part 2-4 Particular requirements for the	
EN 60601-2-4: 2011+A1	safety of cardiac defibrillators [EMC sections only]	
EN 60601-2-4: 2011		
EN 60601-2-4: 2003		
EN 60601-2-10	Medical electrical equipment - Part 2.10 Particular requirements for the	
EN 60601-2-10:	safety of nerve and muscle stimulators [EMC sections only]	
2015+A1+A2		
EN 60601-2-10: 2015+A1		
EN 60601-2-10: 2015		
EN 60601-2-10: 2001+A1		
EN 60601-2-10: 2001		
EN 60601-2-12: 2006	Medical electrical equipment - Part 2-12 Particular requirements for the	
	safety of lung ventilators - Critical care ventilators [EMC sections only]	
EN IEC 60601-2-22	Medical electrical equipment – Part 2 Particular requirements for the	
EN IEC 60601-2-22: 2020	safety of diagnostic and therapeutic laser equipment [EMC sections only]	
EN 60601-2-22: 2013		
EN 60601-2-24	Medical electrical equipment – Part 2-24 Particular requirements for the	
EN 60601-2-24: 2015		
	Medical electrical equipment – Part 2-26: Particular requirements for the	
	safety of infusion pumps and controllers [EMC sections only]  Medical electrical equipment – Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs [EMC sections only]	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
EN 60601-2-34	Medical electrical equipment – Part 2-34 Particular requirements for the	
EN 60601-2-34: 2014	safety, including essential performance, of invasive blood pressure	
EN 60601-2-34: 2000	monitoring equipment [EMC sections only]	
EN 60601-2-37	Medical electrical equipment – Part 2-37 Particular requirements for the	
EN 60601-2-37: 2008+A1	safety of ultrasonic medical diagnostic and monitoring equipment	
EN 60601-2-37: 2008	[EMC sections only]	
EN 60601-2-47	Medical electrical equipment – Part 2-47 Particular requirements for the	
EN 60601-2-47: 2015	basic safety and essential performance of ambulatory	
EN 60601-2-47: 2001	electrocardiographic systems [EMC sections only]	
EN 60601-2-62	Medical electrical equipment – Part 2-62 Particular requirements for the	
EN 60601-2-62: 2015	basic safety and essential performance of high intensity therapeutic	
	ultrasound (HITU) equipment [EMC sections only]	
EN ISO 80601-2-55	Medical electrical equipment. Particular requirements for the basic safety	
EN ISO 80601-2-55: 2018	and essential performance of respiratory gas monitors	
	[EMC sections only]	
EN 60730-1	Automatic electrical controls for household and similar use – Part 1	
EN 60730-1: 2016+A1+A2	General requirements [EMC Sections Only]	
EN 60730-1: 2016+A1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
EN 60730-1: 2016		
EN 60730-1: 2011		
EN IEC 60730-2-9	Automatic electrical controls for household and similar use – Part 2	
EN IEC 60730-2-9:	Particular requirements	
2019+A1+A2	1 articular requirements	
EN IEC 60730-2-9:		
2019+A1		
EN IEC 60730-2-9: 2019		
EN 60730-2-9: 2010		
EN 60945	Maritime navigation and radio communication equipment and systems –	
EN 60945: 2002	General requirements – Methods of testing and required test results	
EN IEC 61000-3-2	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 2 Limits	
EN IEC 61000-3-2:	for harmonic current emissions (equipment input current $\leq 16$ A per	
2019+A1+A2	phase)	
EN IEC 61000-3-2:		
2019+A1		
EN IEC 61000-3-2: 2019		
EN 61000-3-2: 2014		
EN 61000-3-3	Electromagnetic Compatibility (EMC) – Part 3 Limits – Section 3 –	
EN 61000-3-3:	Limitation of voltage fluctuations and flicker in low-voltage supply	
2013+A1+A2	systems for equipment with rated current ≤ 16 A	
EN 61000-3-3: 2013+A1	_	
EN 61000-3-3: 2013		
EN 61000-4-2	Electromagnetic compatibility (EMC) – Part 4-2 Testing and	
EN 61000-4-2: 2009	measurement techniques – Electrostatic discharge immunity test	
EN IEC 61000-4-3	Electromagnetic compatibility (EMC) – Part 4-3 Testing and	
EN IEC 61000-4-3: 2020	measurement techniques – Radiated, radio frequency, electromagnetic	
EN 61000-4-3:	field immunity test	
2006+A1+A2		
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STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
EN 61000-4-4	Electromagnetic compatibility (EMC) – Part 4-4 Testing and	
EN 61000-4-4: 2012	measurement techniques – Electrical fast transient/burst immunity test	
EN 61000-4-5	Electromagnetic compatibility (EMC) – Part 4-5 Testing and	
EN 61000-4-5: 2014 +A1	measurement techniques – Surge immunity test	
EN 61000-4-5: 2014		
EN IEC 61000-4-6	Electromagnetic compatibility (EMC) – Part 4-6 Testing and	
EN IEC 61000-4-6: 2023	measurement techniques – Immunity to conducted disturbances, induced	
EN 61000-4-6: 2014	by radio-frequency fields	
EN 61000-4-8	Electromagnetic compatibility (EMC) – Part 4 Testing and measurement	
EN 61000-4-8: 2010	techniques – Section 8 Power frequency magnetic field immunity test	
	basic EMC publication	
EN IEC 61000-4-11	Electromagnetic compatibility (EMC) - Part 4 Testing and measuring	
EN IEC 61000-4-11: 2020	techniques - Section 11 Voltage dips, short interruptions and voltage	
EN 61000-4-11: 2004+A1	variations immunity tests	
EN 61000-4-11: 2004		
EN 61000-4-12	Electromagnetic Compatibility (EMC) - Part 4-12: Testing and	
EN 61000-4-12: 2017	measurement techniques - Ring wave immunity test	
EN 61000-4-13	Electromagnetic compatibility (EMC) - Part 4 Testing and measuring	
EN 61000-4-13:	techniques - Section 13 Harmonics and interharmonics including mains	
2002 +A1+A2	signaling at A.C. power port, low frequency immunity tests	
EN 61000-4-16	Electromagnetic compatibility (EMC) - Part 4-16: Testing and	
EN 61000-4-16: 2016	measurement techniques - Test for immunity to conducted, common	
	mode disturbances in the frequency range 0 Hz to 150 kHz	
EN 61000-4-21	Electromagnetic compatibility (EMC). Testing and measurement	
	techniques. Reverberation chamber test methods	
	[excluding sections 6.2, 6.3 and Annexes E, F, G, and H]	
EN 61000-4-29	Electromagnetic compatibility (EMC) - Part 4-29: Testing and	
EN 61000-4-29: 2001	measurement techniques - Voltage dips, short interruptions and voltage	
	variations on d.c. input power port immunity tests	
EN 61000-4-39	Electromagnetic compatibility (EMC) – Part 4-39: Testing and	
EN 61000-4-39: 2017	measurement techniques – Radiated fields in close proximity – Immunity	
	test [9kHz to 26MHz]	
EN IEC 61000-6-1	Electromagnetic Compatibility (EMC) Generic standards - Immunity for	
EN IEC 61000-6-1: 2019	residential, commercial and light-industrial environments	
EN 61000-6-1: 2007		
EN IEC 61000-6-2	Electromagnetic Compatibility (EMC) Generic standards immunity for	
EN IEC 61000-6-2: 2019	industrial environments	
EN 61000-6-2: 2005		
EN IEC 61000-6-3	Electromagnetic Compatibility (EMC) Emission standard for residential,	
EN IEC 61000-6-3: 2021	commercial and light-industrial environments	
EN 61000-6-3: 2007+A1		
EN 61000-6-3: 2007		
EN IEC 61000-6-4	Electromagnetic Compatibility (EMC) Emission standard for industrial	
EN IEC 61000-6-4: 2019	environments	
EN 61000-6-4: 2007+A1		
EN 61000-6-4: 2007		
EN IEC 61000-6-8	Electromagnetic compatibility (EMC) - Part 6-8: Generic standards -	
EN IEC 61000-6-8: 2020	Emission standard for professional equipment in commercial and light-	
	industrial locations	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	CANYON PARK
EN 61131-2	Programmable controllers, Equipment requi	irements and tests
EN 61131-2: 2007	[EMC sections only]	
EN IEC 61204-3	Low voltage power supplies, DC output - Part 3 Electromagnetic	
EN IEC 61204-3: 2018	Compatibility (EMC)	
EN 61204-3: 2001		
EN IEC 61326-1	Electrical equipment for measurement, cont	trol and laboratory use - EMC
EN IEC 61326-1: 2021	requirements - Part 1 General requirements	
EN 61326-1: 2013		
EN IEC 61326-2-1	Electrical equipment for measurement, cont	trol and laboratory use – EMC
EN IEC 61326-2-1: 2021	requirements – Part 2-1 Particular requirem	ents – Test configurations,
EN 61326-2-1: 2013	operational conditions and performance crit	teria for sensitive test and
	measurement equipment for EMC unprotect	ted applications.
EN IEC 61326-2-2	Electrical equipment for measurement, cont	trol and laboratory use - EMC
EN IEC 61326-2-2: 2021	requirements - Part 2-2 Particular requirements	ents - Test configurations,
EN 61326-2-2: 2013	operational conditions and performance crit	teria for portable test,
	measuring and monitoring equipment used	in low-voltage distribution
	systems.	
EN IEC 61326-2-3	Electrical equipment for measurement, cont	
EN IEC 61326-2-3: 2021	requirements – Part 2-3 Particular requirem	
EN 61326-2-3: 2013	operational conditions and performance crit	teria for transducers with
	integrated or remote signal conditioning	
EN IEC 61326-2-5	Electrical equipment for measurement, cont	
EN IEC 61326-2-5: 2021	requirements - Part 2-5 Particular requirements - Test configurations,	
EN 61326-2-5: 2013	operational conditions and performance crit	teria for devices with field bus
	interfaces according to IEC 61784-1.	
EN IEC 61326-2-6	Electrical equipment for measurement, cont	
EN IEC 61326-2-6: 2021	requirements - Part 2-6 Particular requirements	ents. In vitro diagnostic (IVD)
EN 61326-2-6: 2013	medical equipment.	
EN 61326-3-1	Electrical equipment for measurement, cont	
EN 61326-3-1: 2017	requirements - Part 3-1 Immunity requirements	
	and for equipment intended to perform safe	
	(functional safety) - General industrial appl	
EN IEC 61326-3-2	Electrical equipment for measurement, cont	
EN IEC 61326-3-2: 2018	requirements - Part 3-2 Immunity requirements	
EN 61326-3-2: 2008	and for equipment intended to perform safe	
	(functional safety). Industrial applications	with specified electromagnetic
ENLING CLEAR	environment.	
EN IEC 61547	Equipment for general lighting purposes - E	EMC immunity requirements
EN IEC 61547: 2023		
EN 61547: 2009		
EN 61850-3	Communication Networks and Systems in S	
EN 61850-3: 2014	[Section 6.7, excluding tests 10.3, 11.4, 12.6]	
EN IEC 61851-21-2	Electric vehicle conductive charging system	
EN IEC 61851-21-2: 2021	requirements for conductive connection to a	11 -
EN IEC (1077 4	requirements for off board electric vehicle of	
EN IEC 61967-4	Integrated circuits – Measurement of electrons	
EN IEC 61967-4: 2021	Measurement of conducted emissions - 1 $\Omega$	/13022 direct coupling method

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	CANYON PARK
EN IEC 62040-2	Uninterruptible power systems (UPS) - Part 2 Ele	
EN IEC 62040-2: 2018	compatibility (EMC) requirements	
EN 62040-2: 2006+AC		
EN IEC 62061	Safety of machinery - functional safety of safety related electrical,	
EN IEC 62061: 2021+A1	electronic & programmable control systems	
EN IEC 62061: 2021	[2021: Section 6.6, 2005: Section 6.4.3]	
EN 62061: 2005+A1+A2		
EN 62233	Measurement methods for electromagnetic fields	
EN 62233: 2008	and similar apparatus with regard to human expo	
EN IEC 62311	Assessment of electronic and electrical equipment related to human	
EN IEC 62311: 2020	exposure restrictions for electromagnetic fields (	up to 300 GHz)
EN 62311: 2008		
EN 62479	Assessment of the compliance of low power elec	
EN 62479: 2010	equipment with the basic restrictions related to h	uman exposure to
EN 200 200	electromagnetic fields (10 MHz to 300 GHz)	M
EN 300 386	Telecommunication network equipment; Electro	Magnetic Compatibility
EN 300 386 v2.2.1	(EMC) requirements	
EN 300 386 v2.1.1		
EN 300 386 v1.6.1	El de Marchia Comentillita (EMC) de dante	C 1'
EN 301 489-1 EN 301 489-1 v2.2.3	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-1 v2.2.3 EN 301 489-1 v2.1.1	services; Part 1: Common technical requirements	<b>5</b>
EN 301 489-1 v1.9.2		
EN 301 489-1 V1.9.2 EN 301 489-2	FlectroMagnetic Compatibility (FMC) standard	for radio equipment and
EN 301 489-2 v2.1.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services Part 2: Specific conditions for radio paging equipment	
EN 301 489-3	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-3 v2.3.2	services Part 3: Specific conditions for Short-Ran	
EN 301 489-3 v2.1.1	operating on frequencies between 9 kHz and 40 G	
EN 301 489-4	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-4 v3.3.1	services Part 4: Specific conditions for fixed radi	
EN 301 489-4 v3.2.1	equipment	·
EN 301 489-4 v3.1.1		
EN 301 489-4 v2.2.1		
EN 301 489-5	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-5 v2.2.1	services Part 5: Specific conditions for Private la	
	and ancillary equipment (speech and non-speech	) and Terrestrial Trunked
	Radio (TETRA)	
EN 301 489-6	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-6 v2.2.1	services Part 6: Specific conditions for Digital En	nhanced Cordless
FNL 201, 400, 5	Telecommunications (DECT) equipment	0 1
EN 301 489-7	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-7 v1.3.1	services Part 7: Specific conditions for mobile an	
	ancillary equipment of digital cellular radio telec	ommunications systems
ENI 201 490 9	(GSM and DCS)	for no dia agricus sut su 1
EN 301 489-8	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-8 v1.2.1	services Part 8: Specific conditions for GSM bas	e stations

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
EN 301 489-9	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-9 v2.1.1	services Part 9: Specific conditions for wireless microphones, similar	
	Radio Frequency (RF) audio link equipment, cordless audio and in-ear	
	monitoring devices	
EN 301 489-10	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-10 v1.3.1	services Part 10: Specific conditions for First (CT1 and CT1+) and	
	Second-Generation Cordless Telephone (CT2) equipment	
EN 301 489-11	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-11 v1.3.1	services Part 11: Specific conditions for terrestrial sound broadcasting	
E1 (301 10) 11 (1.3.1	service transmitters	
EN 301 489-12	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-12 v3.2.1	services Part 12: Specific conditions for Very Small Aperture Terminal,	
EN 301 489-12 v3.1.1	Satellite Interactive Earth Stations operated in the frequency ranges	
21, 301 107-12 v3.1.1	between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS)	
EN 301 489-13	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-13 v1.2.1	services Part 13: Specific conditions for Citizens' Band (CB) radio and	
121 301 707-13 V1.2.1	ancillary equipment (speech and non-speech)	
EN 301 489-14	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-14 v1.2.1	services Part 14: Specific conditions for analogue and digital terrestrial	
EIN 301 409-14 V1.2.1	1	
EN 201 490 15	TV broadcasting service transmitters  ElectroMagnetic Competibility (EMC) standard for radio againment and	
EN 301 489-15	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-15 v2.2.1	services Part 15: Specific conditions for commercially available amateur	
EN 201 400 16	radio equipment	
EN 301 489-16	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-16 v1.2.1	services Part 16: Specific conditions for analogue cellular radio	
EN 201 400 17	communications equipment, mobile and portable	
EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-17 v3.2.4	services Part 17: Specific conditions for Broadband Data Transmission	
EN 301 489-17 v3.1.1	Systems	
EN 301 489-17 v2.2.1		
EN 301 489-18	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-18 v1.2.1	services Part 18: Specific conditions for Terrestrial Trunked Radio	
	(TETRA) equipment	
EN 301 489-19	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-19 v2.2.1	services Part 19: Specific conditions for Receive Only Mobile Earth	
EN 301 489-19 v2.1.1	Stations (ROMES) operating in the 1,5 GHz band providing data	
EN 301 489-19 v1.2.1	communications and GNSS receivers operating in the RNSS band	
	providing positioning, navigation, and timing data	
EN 301 489-20	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-20 v2.2.1	services Part 20: Specific conditions for Mobile Earth Stations (MES)	
EN 301 489-20 v2.1.1	used in the Mobile Satellite Services (MSS)	
EN 301 489-22	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-22 v2.1.1	services Part 22: Specific conditions for ground based aeronautical	
EN 301 489-22 v1.3.1	mobile and fixed radio equipment; Harmonised Standard for	
	ElectroMagnetic Compatibility	
EN 301 489-23	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-23 v1.5.1	services Part 23: Specific conditions for IMT-2000 CDMA, Direct Spread	
	(UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary	
	equipment	
	cquipiliciit	

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	CANYON PARK
EN 301 489-24	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-24 v1.5.1	services Part 24:Specific conditions for IMT-20	
	(UTRA and E-UTRA) for Mobile and portable	(UE) radio and ancillary
	equipment	
EN 301 489-25	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-25 v2.3.2	services Part 25: Specific conditions for CDMA	A 1x spread spectrum
	Mobile Stations and ancillary equipment	
EN 301 489-26	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-26 v2.3.2	services Part 26: Specific conditions for CDMA	A 1x spread spectrum Base
	Stations, repeaters and ancillary equipment	
EN 301 489-27	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-27 v2.2.1	services Part 27: Specific conditions for Ultra I	
	Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P)	
	operating in the 402 MHz to 405 MHz bands	
EN 301 489-28	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-28 v1.1.1	services Part 28: Specific conditions for wireles	
EN 301 489-29	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-29 v2.2.1	services Part 29: Specific conditions for Medica	al Data Service Devices
	(MEDS) operating in the 401 MHz to 402 MHz	z and 405 MHz to 406
	MHz bands	
EN 301 489-31	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-31 v2.2.1	services Part 31: Specific conditions for equipm	nent in the 9 kHz to 315
EN 301 489-31 v2.1.1	kHz band for Ultra Low Power Active Medical	Implants (ULP-AMI) and
EN 301 489-31 v1.1.1	related peripheral devices (ULP-AMI-P	
EN 301 489-33	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-33 v2.2.1	services Part 33: Specific conditions for Ultra-Wide Band (UWB)	
	communications devices	
EN 301 489-34	ElectroMagnetic Compatibility (EMC) standard	d for radio equipment and
EN 301 489-34 v2.1.1	services Part 34: Specific conditions for Extern	al Power Supply (EPS) for
	mobile phones	
EN 301 489-35	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-35 v2.2.1	services Part 35: Specific requirements for Low	
	Implants (LP-AMI) operating in the 2 483,5 M	
EN 301 489-50	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-50 v2.3.1	services Part 50: Specific conditions for Cellula	
EN 301 489-50 v2.2.1	Station (BS), repeater, and ancillary equipment	
EN 301 489-51	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-51 v2.1.1	services Part 51: Specific conditions for Autom	
	Vehicles and Surveillance Radar Devices using	
	24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and	
EN 301 489-52	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-52 v1.2.1	services; Part 52: Specific conditions for Cellular Communication User	
	Equipment (UE) radio and ancillary equipment	
EN 301 489-53	ElectroMagnetic Compatibility (EMC) standard	
EN 301 489-53 v1.1.1	services Part 53: Specific conditions for terrestr	_
	and digital TV broadcasting service transmitter	s and associated ancillary
	equipment	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	CANYON PARK
EN 301 489-54	ElectroMagnetic Compatibility (EMC) standard for radio equipment and	
EN 301 489-54 v1.1.1	services; Part 54: Specific conditions for fixed ground based aeronautical	
	and meteorological radars	
<b>EU DIRECTIVES</b>		
EU Regulation 167/2013	EU Regulation on the approval and market surveillance of agricultural	
EU Regulation 2015/208	and forestry vehicles	
EU Regulation 2018/829		
EU Regulation 2018/858	EU Regulation on the approval and market surveillance of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles	
EU Regulation 168/2013	EU Regulation on the approval and market survivele wheel vehicles and quadricycles	veillance of two- or three-
EU Regulation 2019/2144	EU Regulation on type-approval requirements for motor vehicles and their trailers, and systems, components and separate technical units intended for such vehicles, as regards their general safety and the protection of vehicle occupants and vulnerable road users	
<b>UNITED NATIONS</b>		
UN/ECE Addendum 9	Concerning the Adoption of Uniform Technica	Prescription for Wheeled
Regulation 10	Vehicles, Equipment and Parts which can be Fi	
Rev 6+A1+A2	Wheeled Vehicles and the Conditions for Reciprocal Recognition and	
Rev 6+A1	Approvals Granted on the Basis of these Prescriptions.	
Rev 6	Uniform Provisions Concerning the Approval of Vehicles with regard to	
Rev 5+A1+A2	Electromagnetic Compatibility	
Rev 5+A1	[Sections 7, 8, 9, 10, 17, 18, 19, 20, 21, 22]	
Rev 5		
IMDA SINGAPORE	1	
IMDA TS AR: 2016	Technical specification for Amateur Radio Equ	
IMDA TS CBS: 2023	Technical specification for Cellular Base Station and Repeater System	
IMDA TS CT-CTS: 2016	Technical specification for Cordless Telephone	
N (D ) TG (C) (D (G , 201 (	Telecommunication Systems [excluding dect and	
IMDA TS GMPCS: 2016	Technical specification for Global Mobile Personal Control of the	onal Communication by
IMDA TO I MD. 2016	Satellite (GMPCS) Terminals	E-minus and
IMDA TS LMR: 2016	Technical specification for Land Mobile Radio	
IMDA TS SRD: 2023	Technical specification for Short Range Devices (SRD)	
IMDA TS WBA: 2016	Technical specification for Ultra-Wideband (UWB) Devices  Technical specification for Wireless Breadband Access (WBA)	
IMDA TS WBA: 2016	Technical specification for Wireless Broadband Access (WBA) equipment	
	equipment	
INTERNATIONAL	<u>I</u>	
INTERNATIONAL		

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD:	CANYON PARK
CISPR 16-2-1	Specification for radio disturbance and immur	nity measuring apparatus
CISPR 16-2-1: 2014 +A1	and methods — Part 2-1: Methods of measure	
CISPR 16-2-1: 2014	immunity — Conducted disturbance measurer	
CISPR 16-2-1:		
2008+A1+A2		
CISPR 16-2-1: 2008+A1		
CISPR 16-2-1: 2008		
CISPR 16-2-1: 2003+A1		
CISPR 16-2-1: 2003		
CISPR 16-2-2	Specification for radio disturbance and immur	nity measuring annaratus
CISPR 16-2-2: 2010	and methods - Part 2-2: Methods of measurem	
CISPR 16-2-2:	immunity - Measurement of disturbance power	
2003+A1+A2	inimiantly incusarement of disturbance power	·1
CISPR 16-2-2: 2003+A1		
CISPR 16-2-2: 2003		
CISPR 16-2-3	Specification for radio disturbance and immur	nity measuring apparatus
CISPR 16-2-3:	and methods - Part 2-3: Methods of measurem	
2016+A1+A2	immunity - Radiated disturbance measuremen	
CISPR 16-2-3: 2016+A1	minumity - Radiated disturbance measuremen	tts
CISPR 16-2-3: 2016		
CISPR 16-2-3:		
2010+A1+A2		
CISPR 16-2-3: 2010+A1		
CISPR 16-2-3: 2010 AT		
CISPR 16-2-3:		
2003+A1+A2		
CISPR 16-2-3: 2003+A1		
CISPR 16-2-3: 2003 AT		
IACS UR E10	Requirements concerning Electrical and Elect	ronic Installations: Test
IACS UR E10 r10: 2024	Specification for Type Approval [Sections 3, 4]	
IACS UR E10 r09: 2023	18, 19, & 20]	7, 7, 10, 13, 14, 13, 10, 17,
IACS UR E10 r08: 2021	10, 17, & 20]	
IEC 60034-1: 2010	Rotating electrical machines – Part 1 [Section	131
IEC 60533		
IEC 60533: 2015	Electromagnetic compatibility of electrical an	d electronic installations in
IEC 60533: 2013	ships	
IEC 60601-1-2	Medical electrical equipment - Part 1 General	requirements for safety 2 -
IEC 60601-1-2: 2014+A1	Collateral standard - Electromagnetic compati	
IEC 60601-1-2: 2014 A1	tests	omij Roquirements and
IEC 60601-1-2: 2014		
IEC 60601-1-2. 2007	Medical electrical equipment - Part 2-2 Partic	ular requirements for the
IEC 60601-2-2: 2017	safety of high frequency surgical equipment [1	
IEC 60601-2-2: 2017	surery of high frequency surgical equipment [1	Em Secuois omy
IEC 60601-2-4	Medical electrical equipment - Part 2-4 Partic	ular requirements for the
1200001-2-4	safety of cardiac defibrillators [EMC sections	
IEC 60601-2-10	Medical electrical equipment - Part 2-10 Parti	
120 00001 2 10	safety of nerve and muscle stimulators [EMC]	
IEC 60601-2-12: 2001	Medical electrical equipment - Part 2-12 Parti	
120 00001-2-12. 2001	safety of lung ventilators - Critical care ventila	
	sarcty of fung ventuators - Critical care ventus	ators [Livic sections only]

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK	
IEC 60601-2-22	Medical electrical equipment - Part 2-22: Particular requirements for the	
IEC 60601-2-22: 2019	safety of diagnostic and therapeutic laser equipment [EMC sections only]	
IEC 60601-2-22: 2007+A1		
IEC 60601-2-24	Medical electrical equipment - Part 2-24 Particular requirements for the	
	safety of infusion pumps and controllers [EMC sections only]	
IEC 60601-2-26: 2012	Part 2-26: Particular requirements for the basic safety and essential	
	performance of electroencephalographs [EMC sections only]	
IEC 60601-2-34	Medical electrical equipment - Part 2-34: Particular requirements for the	
	basic safety and essential performance of invasive blood pressure	
	monitoring equipment [EMC sections only]	
IEC 60601-2-37	Medical electrical equipment - Part 2-37 Particular requirements for the	
	basic safety and essential performance of ultrasonic medical diagnostic	
	and monitoring equipment [EMC sections only]	
IEC 60601-2-47	Medical electrical equipment - Part 2-47 Particular requirements for the	
	safety, including essential performance, of ambulatory	
	electrocardiographic systems [EMC sections only]	
IEC 60601-2-62	Medical electrical equipment - Part 2-62 Particular requirements for the	
	basic safety and essential performance of high intensity therapeutic	
	ultrasound (HITU) equipment [EMC sections only]	
ISO 80601-2-55	Medical electrical equipment. Particular requirements for the basic safety	
ISO 80601-2-55: 2018	and essential performance of respiratory gas monitors	
	[EMC sections only]	
IEC 60730-1	Automatic electrical controls for household and similar use - Part 1	
	General requirements [EMC Sections Only]	
IEC 60730-2-9	Automatic electrical controls for household and similar use – Part 2:	
	Particular requirements	
IEC 60945	Maritime navigation and radio communication equipment and systems -	
IEC 60945: 2002	General requirements - Methods of testing and required test results	
IEC 61000-6-1	Electromagnetic capability (EMC) - Part 6-1 Generic Standards -	
IEC 61000-6-1: 2016	Immunity for residential, commercial, and light-industrial environments	
IEC 61000-6-2	Electromagnetic Capability (EMC) - Part 6-2 Generic Standards -	
IEC 61000-6-2: 2016	Immunity for industrial environments	
IEC 61000-6-3	Electromagnetic Capability (EMC) - Part 6-3 Generic Standards -	
IEC 61000-6-3: 2020	Emissions standard for residential, commercial, and light-industrial	
IEC 61000-6-3: 2006+A1	environments	
IEC 61000-6-4	Electromagnetic Capability (EMC) - Part 6-4 Generic Standards -	
IEC 61000-6-4: 2018	Immunity for residential, commercial, and light-industrial environments	
IEC 61000-6-4: 2006+A1	<del> </del>	
IEC 61000-6-8	Electromagnetic compatibility (EMC) - Part 6-8: Generic standards -	
IEC 61000-6-8: 2020	Emission standard for professional equipment in commercial and light-	
	industrial locations	
IEC 61326-1	Electrical equipment for measurement, control and laboratory use - EMC	
IEC 61326-1: 2020	requirements - Part 1 General requirements	
IEC 61326-1: 2012		
IEC 61326-1: 2005		
IEC 61326-2-1	Electrical equipment for measurement, control and laboratory use - EMC	
IEC 61326-2-1: 2020	requirements - Part 2-1 Particular requirements - Test configurations,	
IEC 61326-2-1: 2012	operational conditions and performance criteria for sensitive test and	
IEC 61326-2-1: 2005	measurement equipment for EMC unprotected applications	

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK
IEC 61326-2-2	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-2-2: 2020	requirements - Part 2-2 Particular requirements - Test configurations,
IEC 61326-2-2: 2012	operational conditions and performance criteria for portable test,
IEC 61326-2-2: 2005	measuring and monitoring equipment used in low-voltage distribution
	systems
IEC 61326-2-3	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-2-3: 2020	requirements - Part 2-3 Particular requirements - Test configurations,
IEC 61326-2-3: 2012	operational conditions and performance criteria for transducers with
IEC 61326-2-3: 2006	integrated or remote signal conditioning
IEC 61326-2-5	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-2-5: 2020	requirements - Part 2-5 Particular requirements - Test configurations,
IEC 61326-2-5: 2012	operational conditions and performance criteria for devices with field bus
IEC 61326-2-5: 2006	interfaces according to IEC 61784-1
IEC 61326-2-6	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-2-6: 2020	requirements - Part 2-6 Particular requirements Test configurations,
IEC 61326-2-6: 2012	operational conditions and performance criteria In vitro diagnostic (IVD)
IEC 61326-2-6: 2005	medical equipment
IEC 61326-3-1	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-3-1: 2017	requirements - Part 3-1 Immunity requirements for safety-related systems
IEC 61326-3-1: 2008	and for equipment intended to perform safety-related functions
12000	(functional safety) - General industrial applications
IEC 61326-3-2	Electrical equipment for measurement, control and laboratory use - EMC
IEC 61326-3-2: 2017	requirements - Part 3-2 Immunity requirements for safety-related systems
IEC 61326-3-2: 2017	and for equipment intended to perform safety-related functions
ILC 01320-3-2. 2006	(functional safety). Industrial applications with specified electromagnetic
	environment.
IEC 61547	Equipment for general lighting purposes - EMC immunity requirements
IEC 61547: 2020	Equipment for general righting purposes. Elvic minimumty requirements
IEC 61850-3	Communication Networks and Systems in Substations
IEC 61850-3: 2013	[Section 6.7, excluding tests 10.3, 11.4, 12.6
IEC 61851-21-2	Electric vehicle conductive charging system - Part 21-2: Electric vehicle
IEC 61851-21-2: 2018	requirements for conductive connection to an AC/DC supply - EMC
120 01001 21 20 2010	requirements for off board electric vehicle charging systems
IEC 62040-2	Uninterruptible power systems (UPS) - Part 2 Electromagnetic
IEC 62040-2: 2016	compatibility (EMC) requirements
IEC 62061	Safety of machinery - functional safety of safety related electrical,
IEC 62061: 2021+A1	electronic & programmable control systems
IEC 62061: 2021	[2021: Section 6.6, 2005: Section 6.4.3]
ISO 22200: 2009	Electromagnetic compatibility — Product family standard for lifts,
120 22200. 2007	escalators and moving walks — Immunity
	Cocalacors and moving warks inmitantly
JAPAN	
JIS C 61326-1	Electrical equipment for measurement, control and laboratory use -
112 0 01320 1	Electromagnetic compatibility (EMC) requirements - Part 1: General
	requirements
VCCI-CISPR 32	Electromagnetic compatibility of multimedia equipment - Emission
VCCI-CISPR 32: 2016	Requirements
v CCI-CISFIX 32, 2010	Requirements

STANDARD <sup>2,3</sup> :	DESCRIPTION OF STANDARD: CANYON PARK
KOREA, REPUBLIC OF	
KS C 9811	CISPR 11: 2015 +A1 [3m only]
KS C 9814-1	CISPR 14-1: 2020 [3m only, excluding clicks]
KS C 9814-2	CISPR 14-2: 2020
KS C 9815	CISPR 15: 2018 [3m only]
KS C 9832	CISPR 32: 2015 [3m only]
KS C 9835	CISPR 35: 2016
KS B 6945	EN 12016: 2013
KS X 3124	EN 301 489-01 v2.1.1 [8.2: 3m only]
KS X 3137	EN 301 489-02 v1.3.1 [7.1: 3m only]
KS X 3125	EN 301 489-03 v1.6.1 [7.1: 3m only]
KS X 3127	EN 301 489-05 v1.3.1 [7.1: 3m only]
KS X 3128	EN 301 489-06 v1.4.1 [7.1: 3m only]
KS X 3129	EN 301 489-52 v1.1.0 [7.1.1, 7.2.1: 3m only]
KS X 3130	EN 301 489-09 v1.4.1 [7.1: 3m only]
KS X 3131	EN 301 489-13 v1.2.1 [7.1: 3m only]
KS X 3136	EN 301 489-15 v2.1.1 [7.1: 3m only]
KS X 3126	EN 301 489-17 v2.1.1 [7.1: 3m only]
KS X 3132	EN 301 489-18 v1.3.1 [7.1: 3m only]
KS X 3139	EN 301 489-20 v1.2.1 [7.1: 3m only]
KS X 3134	EN 301 489-27 v2.1.1 [7.1: 3m only]
KS X 3138	EN 301 489-32 v1.1.1 [7.1: 3m only]
KS X 3135	EN 301 489-50 v2.1.1 [7.1: 3m only]
KS C IEC 60601-1-2	IEC 60601-1-2: 2014+A1 [7: 3m only]
KS C IEC 60601-1-2: 2012	IEC 60601-1-2: 2007 [6.1: 3m only]
KS X 3140	IEC 60945: 2002; IEC 60533: 1999 [3m only]
KS C 9610-6-1	IEC 61000-6-1: 2016
KS C 9610-6-2	IEC 61000-6-2: 2016
KS C 9610-6-3	IEC 61000-6-3: 2006+A1 [3m only]
KS C 9610-6-4	IEC 61000-6-4: 2018 [3m only]
KS C 9547	IEC 61547: 2009
TAIWAN / CHINESE TAIR	<u>PEI</u>
LP0002	Low-power Radio-frequency Devices Technical Regulations
LP0002: 2024	[excluding SAR]
RTTE01	2.4GHz Radio-frequency Telecommunications terminal equipment
RTTE01: 2020	technical specification
<u>VIETNAM</u>	
TCVN 7189: 2009	Information technology equipment - Radio disturbance characteristics -
	Limits and methods of measurement
TCVN 7317: 2003	Information technology equipment - Immunity characteristics - Limits
	and methods of measurement
QCVN 118: 2018/BTTTT	National technical regulation on Electromagnetic compatibility of
	multimedia equipment - Emission requirements
UNITED STATES	
47 CFR Part 11	Emergency alert system (EAS)
47 CFR Part 15	Radio frequency devices
47 CFR Part 18	Industrial, scientific and medical equipment

STANDARD <sup>2,3</sup> :	<b>DESCRIPTION OF STANDARD:</b>	<b>CANYON PARK</b>
47 CFR Part 20	Commercial mobile services [excluding HAC]	
47 CFR Part 22	Public mobile services	
47 CFR Part 24	Personal communications services	
47 CFR Part 25	Satellite communications	
47 CFR Part 27	Miscellaneous wireless communication services	
47 CFR Part 30	Upper microwave flexible use service	
47 CFR Part 73	Radio broadcast services	
47 CFR Part 74	Experimental radio, auxiliary, and special broadcast and other program	
	distributional services	
47 CFR Part 80	Stations in the maritime services	
47 CFR Part 87	Aviation services	
47 CFR Part 90	Private land mobile radio services	
47 CFR Part 95	Personal radio services	
47 CFR Part 96	Citizens broadband radio services	
47 CFR Part 97	Amateur radio services	
47 CFR Part 101	Fixed microwave services	
ANSI RESNA WC-2: 2009	Electrically powered wheelchairs and scooters, and their chargers -	
	requirements and test methods [Section 21 only]	
Telcordia GR-1089-CORE	Electromagnetic Compatibility and Electrical Saf	ety - Generic Criteria for
2017	Network Telecommunications Equipment. [Section 1]	ons: 2, 3, & 4]

<sup>&</sup>lt;sup>2</sup> When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA *R101 - General Requirements: Accreditation of Conformity Assessment Bodies*.

<sup>&</sup>lt;sup>3</sup> ANSI C63.4a:2017 is used to perform NSA in support of ANSI C63.4:2014 and should not be considered its own test method.

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1 <sup>4</sup>:

	I	T
Rule Subpart/Technology	Test Method	Maximum
Unintentional Radiators		Frequency (MHz)
Part 15B	ANSI C63.4: 2014	40000
Talt 13B	711VS1 C03.4. 2014	40000
Industrial, Scientific, and Medical Equipment		
Part 18	FCC MP-5: 1986	325000
Intentional Radiators		
Part 15C	ANSI C63.10: 2013	325000
Unlicensed Personal Communication		
Systems Devices	12101 072 17 2012	40000
Part 15D	ANSI C63.17: 2013	40000
U-NII without DFS Intentional Radiators		
Part 15E	ANSI C63.10: 2013	40000
Talt 13E	ANSI C03.10. 2013	40000
U-NII with DFS Intentional Radiators		
Part 15E	FCC KDB 905462 D02 (v02)	40000
	,	
UWB Intentional Radiators		
Part 15F	ANSI C63.10: 2013	325000
BPL Intentional Radiators		
Part 15G	ANSI C63.10: 2013	325000
William Community Design Lateration of Design Agency		
White Space Device Intentional Radiators	ANSI C63.10: 2013	225000
Part 15H	ANSI C63.10: 2013	325000
Commercial Mobile Services		
(FCC Licensed Radio Service Equipment)		
Parts 22 (cellular), 24, 25 (below 3 GHz),	ANSI/TIA-603-E;	325000
and 27	TIA-102.CAAA-E:	22000
	ANSI C63.26: 2015	
General Mobile Radio Services		
(FCC Licensed Radio Service Equipment)		
Parts 22 (non-cellular), 90 (below 3 GHz),	ANSI/TIA-603-E;	325000
95, 97 (below 3 GHz), and	TIA-102.CAAA-E;	
101 (below 3 GHz)	ANSI C63.26: 2015	
Citizens Broadband Radio Services		
(FCC Licensed Radio Service Equipment)	ANGLETIA CO2 E	225000
Part 96	ANSI/TIA-603-E;	325000
	TIA-102.CAAA-E;	

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1 4: Test Method Rule Subpart/Technology Maximum Frequency (MHz) ANSI C63.26: 2015 Maritime and Aviation Radio Services Parts 80 and 87 ANSI/TIA-603-E; OR 325000 ANSI C63.26: 2015 Microwave and Millimeter Bands Radio Services Parts 25, 30, 74, 90 (above 3 GHz), ANSI/TIA-603-E: OR 325000 95 (above 3 GHz), 97 (above 3 GHz), TIA-102.CAAA-E; OR and 101 ANSI C63.26: 2015 Broadcast Radio Services Parts 73 and 74 (below 3 GHz) ANSI/TIA-603-E; OR 325000 TIA-102.CAAA-E; OR ANSI C63.26: 2015 Signal Boosters Part 20 ANSI C63.26: 2015 325000 (Wideband Consumer Signal Boosters, Provider-specific Signal Boosters, and Industrial Signal Boosters),

## Notes:

**Section 90.219** 

This accreditation covers testing performed at all laboratory locations listed in this scope of accreditation. Limitations for listed standards are indicated by square brackets. Excluding SAR, and HAC where applicable.

<sup>&</sup>lt;sup>4</sup> Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (https://apps.fcc.gov/oetcf/eas/) for a listing of FCC approved laboratories.



## **Accredited Laboratory**

A2LA has accredited

## CKC LABORATORIES, INC.

Mariposa, CA

for technical competence in the field of

## **Electrical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system

(refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 24th day of January 2025.

Mr. Trace McInturff, Vice President, Accreditation Services For the Accreditation Council

Certificate Number 0803.01

Valid to March 31, 2027