



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ELECTRICAL

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Certificate Number: 7352.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Electrical tests:

<u>Test Technology:</u>	<u>Test Method(s):</u>
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC)	3GPP TS 36.113; (ETSI TS 136.113)
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC)	3GPP TS 37.113; (ETSI TS 137.113)
Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment Radio Disturbance Characteristics Limits and Methods of Measurement	CISPR 11; BS EN/EN55011; AS/NZS CISPR 11
Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers With the exception of Marine Vehicles	CISPR 12; BS EN/EN55012
Sound and television broadcast receivers and associated equipment - Radio Disturbance characteristics - Limits and methods of measurement	CISPR 13; BS EN/EN55013; AS/NZS CISPR 13
Electromagnetic compatibility requirements for household appliances, electric tools and similar apparatus Part 1: Emission	CISPR 14-1; BS EN/EN55014-1; AS/NZS CISPR 14-1

<u>Test Technology:</u>	<u>Test Method(s):</u>
Electromagnetic compatibility requirements for household appliances, electric tools and similar apparatus Part 2: Immunity-Product family standard	CISPR 14-2; BS EN/EN 55014-2; AS/NZS CISPR 14-2
Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	CISPR 15; BS EN/EN 55015; AS/NZS CISPR 15
Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	CISPR 16-2-1
Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power	CISPR 16-2-2
Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements	CISPR 16-2-3
Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-4: Methods of measurement of disturbances and immunity - Immunity Measurements	CISPR 16-2-4
Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-5: In situ measurements for disturbing emissions produced by physically large Equipment	CISPR 16-2-5
Sound and television broadcast receivers and associated equipment-Immunity characteristics - Limits and methods of measurement	CISPR 20; BS EN/EN 55020; AS/NZS CISPR 20
Limits and methods of measurement of radio disturbance characteristics of information technology equipment	CISPR 22; BS EN/EN 55022; AS/NZS CISPR 22; TCVN 7189:2009; (CISPR 22: 2006)

<u>Test Technology:</u>	<u>Test Method(s):</u>
Information technology equipment Immunity characteristics Limits and methods of measurement	CISPR 24; BS EN/EN 55024; AS/NZS CISPR 24; TCVN 7317: 2003; (CISPR 24:1997)
Electromagnetic compatibility of multimedia equipment: Emission requirements	CISPR 32; BS EN/EN 55032; AS/NZS CISPR 32
National technical regulation on the Electromagnetic compatibility of MultiMedia Equipment (MME) – Emission requirements	QCVN 118:2018; (CISPR 32:2015)
Electromagnetic compatibility of multimedia equipment – Emission Requirements	CNS 15936:2016
Electromagnetic Compatibility of Multimedia Equipment – Immunity Requirements	CISPR 35; BS EN/EN 55035; AS/NZS CISPR 35
Taiwan EMC for information technology Equipment	CNS 13438
Cycles - Electrically power assisted cycles - EPAC Bicycles	BS EN/EN 15194
Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunication network equipment; Electromagnetic Compatibility (EMC) requirements	EN 300 386
Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunication network equipment; Electromagnetic compatibility (EMC) requirements; Part 2: Product family standard	EN 300 386-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services	EN 301 489 (sections 1 through 34)
Specific requirements for Low Power Active Medical Implants (LP-AMI) operating in the 2 483,5 MHz to 2 500 MHz bands	ETSI EN 301-489-35

<u>Test Technology:</u>	<u>Test Method(s):</u>
Specific conditions for Cellular Communication Base Station (BS), repeater and ancillary equipment	ETSI EN 301-489-50
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	ETSI EN 301-489-51
Specific conditions for Cellular Communication Mobile and portable radio and ancillary equipment	EN 301-489-52
Specific conditions for terrestrial sound broadcasting and digital TV broadcasting service transmitters and associated ancillary equipment	EN 301-489-53
Specific conditions for ground based aeronautical and meteorological radars	EN 301-489-54
Railway applications. Electromagnetic compatibility. Rolling stock. Apparatus	BS EN/EN 50121-3-2
Alarm Systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components for fire, intruder and social alarm systems	BS EN/EN 50130-4
Alarm systems - Alarm transmission systems and equipment -Part 1: General requirements for alarm transmission systems	BS EN/EN 50136-1
Alarm systems - Alarm transmission systems and equipment - Part 2: Requirements for Supervised Premises Transceiver (SPT) Only for: Clause 9.3: Reduced functional test	BS EN/EN 50136-2
Alarm systems - Alarm transmission systems and equipment Part 2-3: Requirements for equipment used in systems with digital communicators using the public switched telephone network Only for: Electrostatic discharge test in clause 6.3 Environmental testing	BS EN/EN 50136-2-3
Railway applications. Electronic equipment used on rolling stock	BS EN/EN 50155

<u>Test Technology:</u>	<u>Test Method(s):</u>
Power line communication apparatus used in low-voltage installations - Radio disturbance characteristics - limits and methods of measurements - Part 1: Apparatus for In-Home Use	BS EN/EN 50561-1
Limits and methods of measurement - Part 1: Apparatus for in-home use Medical electrical equipment - Part 1-2: General requirements for safety - Collateral standard: Electromagnetic compatibility – Requirements	BS EN/EN 60601-1-2; IEC 60601-1-2;
Automatic electrical controls Part 1: General requirements Sections 23 and H.23 - Electromagnetic compatibility (EMC) requirements – emissions Section 26 and H.26 - Electromagnetic compatibility requirements - immunity	BS EN/EN 60730-1; IEC 60730-1
Alarm and electronic security systems - Part 11-1: Electronic access control systems - System and components requirements Only for: EMC in Clause 7 and Clause 8.2 (Reduced functional test)	BS EN/EN 60839-11-1; IEC 60839-11-1
Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results Only for: EMC (Clauses 9 and 10)	BS EN/EN 60945; IEC 60945;
Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16A per phase)	BS EN/EN 61000-3-2; IEC 61000-3-2; AS/NZS 61000.3.2
Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low- voltage supply systems, for equipment with rated current 'less than or equal to' 16A per phase and not subject to conditional connection	BS EN/EN 61000-3-3; IEC 61000-3-3; AS/NZS 61000.3.3
Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity test	BS EN/EN 61000-4-11; IEC 61000-4-11;

<u>Test Technology:</u>	<u>Test Method(s):</u>
Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	BS EN/EN 61000-4-2; IEC 61000-4-2
Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity	BS EN/EN 61000-4-3; IEC 61000-4-3
Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	BS EN/EN 61000-4-4; IEC 61000-4-4
Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	BS EN/EN 61000-4-5; IEC 61000-4-5
Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio- frequency fields	BS EN/EN 61000-4-6; IEC 61000-4-6
Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	BS EN/EN 61000-4-8; IEC 61000-4-8
Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments	BS EN/EN 61000-6-1; IEC 61000-6-1
Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments	BS EN/EN 61000-6-2; IEC 61000-6-2
Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial Environments	BS EN/EN 61000-6-3; IEC 61000-6-3
Electromagnetic compatibility (EMC)-Part 6-4: Generic standards -Emission standard for industrial environments	BS EN/EN 61000-6-4; IEC 61000-6-4
Industrial-process measurement and control – Programmable controllers – Part 2: Equipment requirements and tests Clause 7 only, Zone A and Zone B equipment only	IEC 61131-2

<u>Test Technology:</u>	<u>Test Method(s):</u>
Industrial-process measurement and control – Programmable controllers – Part 2: Equipment requirements and tests Clauses 8 and 9 only, Zone A and Zone B equipment only	BS EN/EN 61131-2: 2007; IEC 61131-2: 2007
Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements	BS EN/EN 61326-1; IEC 61326-1
Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers	CISPR 25
Emission and Immunity	ECE Regulation 10, Annex 1 - 14, Appendix 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21
Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-1: Particular requirements - Test configurations, operational conditions and performance criteria for sensitive test and measurement equipment for EMC unprotected applications	BS EN/EN 61326-2-1; IEC 61326-2-1
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	BS EN/EN 61326-2-2; IEC 61326-2-2
Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning	BS EN/EN 61326-2-3; IEC 61326-2-3
Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-4: Particular requirements - Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9	BS EN/EN 61326-2-4; IEC 61326-2-4

<u>Test Technology:</u>	<u>Test Method(s):</u>
Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-5: Particular requirements - Test configurations, operational conditions and performance criteria for field devices with interfaces according to IEC 61784-1, CP 3/2	BS EN/EN 61326-2-5; IEC 61326-2-5
Electrical equipment for measurement, control and laboratory use-EMC requirements Part 2-6: Particular requirements-In vitro diagnostic (IVD) medical equipment	BS EN/EN 61326-2-6; IEC 61326-2-6
Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications	BS EN/EN 61326-3-1; IEC 61326-3-1
Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment	BS EN/EN 61326-3-2; IEC 61326-3-2
Hoists for the transfer of disabled persons - Requirements and test methods Only for: EMC Clause 4.3.2.23	EN ISO 10535
Alarm systems - Intrusion and hold-up systems - Part 1: System requirements Only for: Clause 12.1 EMC requirements	BS EN/EN 50131-1
Alarm systems - Intrusion and hold-up systems Part 2-2: Intrusion detectors - Passive infrared detectors Only for: EMC according to EN 50130-4 in clause 4.7.2 Immunity to environmental conditions	BS EN/EN 50131-2-2
Alarm systems - Intrusion and hold-up systems Part 2-4: Requirements for combined passive infrared and microwave detectors Only for: EMC according to EN 50130-4 in clause 4.7.2 Immunity to environmental conditions	BS EN/EN 50131-2-4

<u>Test Technology:</u>	<u>Test Method(s):</u>
Alarm systems Intrusion and hold-up systems Part 2-6: Opening contacts (magnetic) Only for: EMC according to EN 50130-4 and EN 61000- 6-3 in clause 4.7.2 Immunity to environmental conditions	BS EN/EN 50131-2-6
Alarm systems Intrusion and hold-up systems Part 3: Control and indicating equipment Only for: EMC tests per EN 50130-4 in clause 11.14 Environmental and EMC tests	BS EN/EN 50131-3
Alarm systems Intrusion and hold-up systems Part 4: Warning devices Only for: EMC tests per EN 50130-4 in clause 11.14 Environmental and EMC tests	BS EN/EN 50131-4
Alarm systems - Intrusion and hold-up systems Part 6: Power supplies Only for: Clause 4.14 EMC	BS EN/EN 50131-6
Alarm systems Alarm transmission systems and equipment Part 2-1: General requirements for alarm transmission equipment Only for: Clause 7 Electromagnetic Compatibility testing and requirements	BS EN/EN 50136-2-1
Radiated electromagnetic field from digital radio telephones - Immunity test	ENV 50204
LMR-Land Mobile Radio	ETS 300 086
General EMC for Radio Devices	ETS 300 339
EMC for Radio Relay Systems at 2 Mbps	ETS 300 385
EMC 9 kHz - 25 GHz	ETS 300 683
Conducted and Radiated Emissions	47 CFR FCC Part 15 Subpart B (using ANSI C63.4- 2014);

<u>Test Technology:</u>	<u>Test Method(s):</u>
US Radio (FCC)	47 CFR FCC Part 15, Subpart C (using ANSI C63.10:2013); 47 CFR FCC Part 15, Subpart D (using ANSI C63.17:2013); 47 CFR FCC Part 15, Subpart E (using ANSI C63.10:2013 and FCC KDB Publication 905462 D02 (v02)); 47 CFR FCC Part 15, Subpart F/G/H (using ANSI C63.10:2013);
FCC Methods of Measurements of Radio Noise Emissions from Industrial, Scientific and Medical Equipment	FCC/OET MP-5 (February 1986)
Interference Causing Equipment Standards, Industrial, etc.	ICES 001
Interference-Causing Equipment Standard - Vehicles, Boats and Other Devices Equipped with Internal Combustion Engines, Traction Batteries or Both With the exception of Marine Vehicles	ICES-002 C
Spectrum Management, Interference-Causing Equipment Standard Digital Apparatus	ICES-003
Lighting Equipment	ICES-005
EMC requirements for Telecommunication Equipment	IDA TS EMC
Railway applications - Electronic equipment used on rolling stock Only for: EMC (Clauses 12.2.7, 12.2.8, 12.2.9)	IEC 60571
Automatic electrical controls Part 1: General requirements	IEC 60730-1
Low-voltage switchgear and control gear - Part 1: General rules Only for: EMC (Clauses 7.3 and 8.4)	IEC 60947-1
Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock Apparatus	IEC 62236-3-2
National technical regulation on General Electromagnetic Compatibility for Radio Communications Equipment	QCVN 18:2010/BTTTT

<u>Test Technology:</u>	<u>Test Method(s):</u>
Republic of Korea - Technical Requirements for Electromagnetic Compatibility	RRA Public Notification 2022-12
Republic of Korea - Test Methods for Electromagnetic Compatibility	RRA Announcement 2022-40
Satellite Earth Stations and Systems (SES); Low data rate Land Mobile satellite Earth Stations (LMES) operating in the 1,5/1,6 GHz frequency bands	TBR 26
American National Standard for methods of measurement of radio-noise emissions for low voltage electrical and electronic equipment in the range of 9 kHz to 40 GHz	ANSI C63.4-2014
2.4 GHz Radio-frequency Telecommunications Terminal Equipment Technical Specification	RTTE01
Digital C4FM/CQPSK Transceiver Measurement Methods	TIA-102.CAAA-D
WINNF Conformance and Performance Test Technical Specification	WINNF-TS-0122
American National Standard for Testing Unlicensed Wireless Devices	ANSI C63.10-2013
American National Standard for methods of measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices	ANSI C63.17-2013
American National Standard of procedures for compliance testing of transmitters used in licensed radio services	ANSI C63.26: 2015
Land Mobile FM or PM Communications Equipment. Measurement and performance Standards	ANSI/TIA-603-D
Radio equipment and systems - Short range devices - Limits and methods of measurement	AS/NZS 4268

<u>Test Technology:</u>	<u>Test Method(s):</u>
Technical characteristics and test conditions for data transmission equipment operating in the 900 MHz, 2.4 GHz and 5.8 GHz bands and using spread spectrum modulation techniques	AS/NZS 4771
CBRS Alliance Certification Test Plan	CBRSA-TS-9001
Alarm systems - Intrusion systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques	EN 50131-5-3
LMR- Land Mobile Radio, EMC	ETS 300 279
Satellite earth stations and systems (SES); Receive-only mobile earth stations (ROMES) operating in the 1,5 GHz band providing data communications; Radio frequency (RF) specifications	ETS 300 487
LMR-Land Mobile Radio Service	ETSI EN 300 086
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 2: Harmonized EN covering essential requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 300 113
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 1: Technical characteristics and methods of measurement	ETSI EN 300 113-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver; Part 2: Harmonized EN covering essential requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 300 219

<u>Test Technology:</u>	<u>Test Method(s):</u>
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver; Part 1: Technical characteristics and methods of measurement	ETSI EN 300 219-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio Equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods	ETSI EN 300 220-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive	ETSI EN 300 220-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); On-site paging service; Part 1: Technical and functional characteristics, including test methods	ETSI EN 300 224-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); On-site paging service; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive	ETSI EN 300 224-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Part 2: Harmonized EN covering essential requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 300 296
Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Part 1: Technical characteristics and methods of measurement	ETSI EN 300 296-1

<u>Test Technology:</u>	<u>Test Method(s):</u>
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 300 328
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 1: Technical characteristics and test methods	ETSI EN 300 330-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive	ETSI EN 300 330-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 1: Technical characteristics and methods of measurement	ETSI EN 300 373-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive	ETSI EN 300 373-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 3: Harmonized EN covering essential requirements under article 3.3(e) of the R&TTE Directive	ETSI EN 300 373-3
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 1: Technical characteristics and methods of measurement	ETSI EN 300 422-1

<u>Test Technology:</u>	<u>Test Method(s):</u>
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the Directive 2014/53/EU	ETSI EN 300 422-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Double Side Band (DSB) and/or Single Side Band (SSB) amplitude modulated citizen's band radio equipment; Part 1: Technical characteristics and methods of measurement	ETSI EN 300 433-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Double Side Band (DSB) and/or Single Side Band (SSB) amplitude modulated citizen's band radio equipment; Part 2: Harmonized EN covering essential requirements under article 3.2 of R&TTE Directive	ETSI EN 300 433-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods SRD-Short Range Devices 1 GHz - 25 GHz	ETSI EN 300 440-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive	ETSI EN 300 440-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Part 2: Harmonized EN covering essential requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 301 166

<u>Test Technology:</u>	<u>Test Method(s):</u>
Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Part 1: Technical characteristics and methods of measurement	ETSI EN 301 166-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Part 1: Technical characteristics and test methods	ETSI EN 301 357-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Consumer radio microphones and in-ear monitoring systems operating in the CEPT harmonized band 863 MHz to 865 MHz; Part 2: Harmonised EN under Article 3(2) of the R&TTE Directive;	ETSI EN 301 357-2
Satellite Earth Stations and Systems (SES); Harmonised Standard for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit, operating in the 27,5 GHz to 29,5 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU	ETSI EN 301 360
Fixed Radio Systems; Point-to-point and Multipoint Systems; Spurious emissions and receiver immunity limits at equipment/antenna port of Digital Fixed Radio Systems	ETSI EN 301 390
Satellite Earth Stations and Systems (SES); Harmonized EN for Low data rate Land Mobile satellite Earth Stations (LMES) and Maritime Mobile satellite Earth Stations (MMES) not intended for distress and safety communications operating in the 1,5/1,6 GHz frequency bands covering essential requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 301 426

<u>Test Technology:</u>	<u>Test Method(s):</u>
Satellite Earth Stations and Systems (SES); Harmonized EN for Very Small Aperture Terminal (VSAT); Transmit-only, transmit/receive or receive -only satellite earth stations operating in the 11/12/14 GHz frequency bands covering essential requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 301 428
Satellite Earth Stations and Systems (SES); Harmonized EN for Very Small Aperture Terminal (VSAT); Transmit-only, transmit-and-receive, receive-only satellite earth stations operating in the 4 GHz and 6 GHz Frequency Bands Covering Essential Requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 301 443
Satellite Earth Stations and Systems (SES); Harmonized EN for Satellite Interactive Terminals (SIT); and Satellite User Terminals (SUT) transmitting towards satellites in geostationary orbit in the 29.5 to 30.0 GHz frequency bands Covering Essential Requirements Under Article 3.2 of the Directive 2014/53/EU	ETSI EN 301 459
White Spaces Devices (WSD); wireless access systems operating in the 470Mz to 790Mz TV Broadcast band; harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	ETSI EN 301 598
Satellite Earth Stations and Systems (SES); Harmonized EN for Mobile Earth Stations (MESs) of Geostationary mobile satellite systems, including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) in the 1,5/1,6 GHz bands under the Mobile Satellite Service (MSS) covering essential requirements under article 3.2 of the Directive 2014/53/EU	ETSI EN 301 681
Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive	ETSI EN 301 893

<u>Test Technology:</u>	<u>Test Method(s):</u>
IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Introduction and common requirements	ETSI EN 301 908-1
IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)	ETSI EN 301 908-18
Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W; Part 2: Harmonized EN under article 3.2 of the Directive 2014/53/EU	ETSI EN 302 208
Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W; Part 1: Technical requirements and methods of measurement	ETSI EN 302 208-1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 1: Overview and system independent common characteristics	ETSI EN 302 217-1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2-1: System-dependent requirements for digital systems operating in frequency bands where frequency co-ordination is applied	ETSI EN 302 217-2-1
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2-2: Harmonized EN covering essential requirements of Article 3.2 of R&TTE Directive for digital systems operating in frequency bands where frequency co-ordination is applied	ETSI EN 302 217-2-2

<u>Test Technology:</u>	<u>Test Method(s):</u>
Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 3: Harmonized EN covering essential requirements of article 3.2 of R&TTE Directive for equipment operating in frequency bands where simplified or no frequency co-ordination procedures are applied	ETSI EN 302 217-3
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 1: Technical characteristics and test methods	ETSI EN 302 291-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive	ETSI EN 302 291-2
Fixed Radio Systems; Multipoint Equipment and Antennas; Part 1: Overview and Requirements for Digital Multipoint Radio Systems	ETSI EN 302 326-1
Fixed Radio Systems; Multipoint Equipment and Antennas; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive for Digital Multipoint Radio Equipment	ETSI EN 302 326-2
Broadband Radio Access Networks (BRAN); 5,8 GHz fixed broadband data transmitting systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	ETSI EN 302 502
Satellite Earth Stations and Systems (SES); Harmonised Standard for Earth Stations on Mobile Platforms (ESOMP) transmitting towards satellites in geostationary orbit, operating in the 27,5 GHz to 30,0 GHz frequency bands covering the essential requirements of article 3.2 of the Directive 2014/53/EU	ETSI EN 303 978

<u>Test Technology:</u>	<u>Test Method(s):</u>
Satellite Earth Stations and Systems (SES); Guidance for general purpose earth stations transmitting in the 5,7 GHz to 30,0 GHz frequency bands towards geostationary satellites and not covered by other ETSI specifications or standards	ETSI TS 101 136
Industrial, Scientific and Medical Equipment	FCC 47 CFR Part 18 (using FCC MP-5:1986);
Signal Boosters	FCC 47 CFR Part 20 (using ANSI C63.26:2015)
Maritime and Aviation Radio Services	FCC 47 CFR Parts 80, 87 (using ANSI/TIA-603-E, ANSI C63.26:2015)
Personal Radio Services	FCC 47 CFR Part 95 (Except Part M), Part 96 (using ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015)
Commercial Mobile Services (FCC Licensed Radio Service Equipment)	FCC 47 CFR Parts 22, 24, 25 and 27 (using ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015)
General Mobile Radio Services (FCC Licensed Radio Service Equipment)	FCC 47 CFR Parts 22, 90, 95, 97 and 101 (using ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015)
Microwave and Millimeter Bands Radio Services	FCC 47 CFR Parts 25, 30, 74, 90, 95, and 101 (using ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015)
Broadcast Radio Services	Parts 73 and 74 (using ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015)
Signal Boosters	Part 20 (using ANSI C63.26:2015)
Performance Specification for User Equipment for Use in the Third Generation (3G) Mobile Communications Services Employing CDMA Direct Spread (UTRA FDD)	HKCA 1048
Performance Specification for Medical Implant Communication Systems	HKCA 1052
Performance Specification for Base Station and Repeater Equipment for Use in the Third Generation (3G) Mobile Communications Services Employing cdma2000 Spread Spectrum	HKCA 1053

<u>Test Technology:</u>	<u>Test Method(s):</u>
Performance Specification for Mobile Station for Use in the Third Generation (3G) Mobile Communications Services Employing CDMA2000 Spread Spectrum	HKCA 1054
Performance Specification for Base Station and Repeater Equipment for Use in Public Mobile Communications Services based on Evolved Universal Terrestrial Radio Access (E-UTRA) Frequency Division Duplex (FDD)	HKCA 1056
Performance Specification for User Equipment for Use in Public Mobile Communications Services based on Evolved Universal Terrestrial Radio Access (E-UTRA) Frequency Division Duplex (FDD)	HKCA 1057
Performance Specification for Short Range Devices Operating in the 433 MHz Band	HKCA 1061
Performance Specification for Digital Fixed Link Equipment Operating in the 26 GHz Frequency Band	HKCA 1063
Performance Specification for Global System for Mobile Communications – Railway (GSM-R) Radiocommunications Equipment	HKCA 1064
Performance Specification for Multi-Standard Radio (MSR) Base Station	HKCA 1065
Performance Specification for Ground-Based VHF Radio Equipment for the VHF Aeronautical Mobile Service	HKCA 1066
Performance Specification for Ground-Based VHF Digital Link (VDL) Mode 2 Radio Equipment	HKCA 1067
Performance Specification for Digital Fixed Link Equipment operating in the 11 GHz Frequency Band	HKCA 1068
Performance Specification for On-site Radio Paging Equipment	HKCA 1069

<u>Test Technology:</u>	<u>Test Method(s):</u>
Performance Specification for Digital Fixed Link Equipment operating in the 13 GHz Frequency Band	HKCA 1070
Performance Specification for Digital Fixed Link Equipment operating in the 18 GHz Frequency Band	HKCA 1071
Performance Specification for Radiocommunications Apparatus Operating in the 6 GHz Band for Wireless Local Area Network	HKCA 1081
Performance Specification for Angle Modulated Radio Transmitters and Receivers for Use as Base, Mobile and Portable Equipment in the Land Mobile Radio Service	HKCA (HKTA) 1002
Performance Specification for Angle Modulated VHF Maritime Band Radio Equipment for Voluntary Fitting in Small Craft	HKCA (HKTA) 1005
Performance Specification for Radio Interference Limits and Methods of Measurements for Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment (Excluding Surgical Diathermy Apparatus and RF Exciting Arc- Welding Machines)	HKCA (HKTA) 1007
Performance Specification for Low Power Radio Microphones, Including Associated Receiving Equipment	HKCA (HKTA) 1008
Performance Specification for Angle Modulated Radio Transmitters and Receivers for use as Base, Mobile and Portable Equipment in the Land Mobile Radio Service and intended primarily for data applications	HKCA (HKTA) 1010
Performance Specification for Cordless Telephone Operating in the 864.1 - 868.1 MHz Band	HKCA (HKTA) 1015
Performance Specification for Angle Modulated Radio Equipment for Use at Repeater, Base and Mobile Stations in 800 MHz Trunked Radio	HKCA (HKTA) 1016

<u>Test Technology:</u>	<u>Test Method(s):</u>
Performance Specification for Low Power Device	HKCA (HKTA) 1035
Performance Specification for Digital Fixed Link Equipment Operating in the 38 GHz Frequency Band	HKCA (HKTA) 1036
Performance Specification for Digital Fixed Link Equipment Operating in the 23 GHz Frequency Band	HKCA (HKTA) 1037
Performance Specification for Radiocommunications Apparatus Operating in the 2.4 GHz or 5 GHz Band and Employing Frequency Hopping or Digital Modulation	HKCA (HKTA) 1039
Performance Specification for Radiocommunications Apparatus Operating in the 27 MHz Band for Private Use	HKCA (HKTA) 1041
Performance Specification for Radio Equipment Operating in the 5 GHz Band for Wireless Access	HKCA (HKTA) 1042
Performance Specification for Short-range Portable Radio operating in the 409 MHz Band	HKCA (HKTA) 1044
Method of Measurement for Radio Transmitter for Use in the Land Mobile Service	HKCA (HKTA) 1046
Performance Specification for Radio Frequency Identification (RFID) Equipment Operating in the 865 - 868 MHz and/or 920 - 925 MHz Bands	HKCA (HKTA) 1049
Performance specification for Radio Frequency Identification (RFID) equipment operating in the 433 MHz band	HKCA (HKTA) 1051
Technical Specification for Land Mobile Radio Equipment	IMDA TS LMR
Technical Specification for Short Range Devices	IMDA TS SRD
Technical Specification for Wireless Broadband Access Equipment	IMDA TS WBA

<u>Test Technology:</u>	<u>Test Method(s):</u>
1.6/2.4 GHz Satellite Personal Communications Networks (S PCN) Mobile Earth Stations (MESs) Technical Specifications	IS2019
Base Station for Wireless Broadband Access Type Approval Technical Specification	IS2045-0
Radio equipment for low-power data communications system radio station using a radio wave of 2,400 - 2,483.5 MHz	Item 19 of Article 2 (Japan) using Test Method ARIB-STD T66
Radio equipment for low-power data communications system radio station which uses indoors a radio wave of 5,170 MHz, 5,190 MHz, 5,210 MHz or 5,230 MHz	Item 19-3 of Article 2 (Japan) using Test Method ARIB-STD T71
Radio equipment for specified low-power radio station	Item 8 of Article 2 (Japan)
Low Power Radio Frequency Devices Technical Regulations	LP0002
Telecommunications - Radiocommunication - Radiocommunication systems employing spread spectrum techniques - radiocommunication equipment with frequency hopping and digital modulation operating in the bands 902- 928 MHz, 2400-2483.5 MHz and 5725-5850 MHz - specifications, limits and test methods.	NOM-121-SCT1-2009
Radiocommunication systems employing spread spectrum techniques - Radiocommunication equipment with frequency hopping and digital modulation operating in the bands 902-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz - specifications, limits and test methods	NOM-208-SCFI-2016 (Technical Provision IFT-008-2015)
1900 MHz Digital Low Tier PHS Radio Terminal Equipment Technical Specifications	PLMN02
1900 MHz Digital Low Tier PACS Radio Terminal Equipment Technical Specifications	PLMN03
Trunked Radio Terminal Equipment Technical Specifications	PLMN04

<u>Test Technology:</u>	<u>Test Method(s):</u>
Mobile Data Radio Terminal Equipment Technical Specifications	PLMN05
Paging Receiver Radio Terminal Equipment Technical Specifications	PLMN06
1880-1895 MHz Wireless Private Exchange and Radio Terminal Equipment Technical Specifications	PLMN07
Subscriber Station for Wireless Broadband Access Type Approval Technical Specification	PLMN09
Technical Specifications for Mobile Broadband Subscriber Station	PLMN10
National technical regulation on radio equipment operating in the 2.4 GHz band and using spread spectrum modulation techniques	QCVN 54: 2020/BTTTT
National technical regulation on short range devices - radio equipment in the frequency range 9 kHz to 25 MHz	QCVN 55:2011/BTTTT
Regulations on Radio Equipment	Ordinance of MSIT NO. 86, Jan 4, 2022
Unlicensed radio equipment established without notice	MSIT Public notification 2022-20
Technical Requirements for Radio Equipment for Maritime Services	MSIT Public notification 2021-20
Technical Requirements for Measurement of Electromagnetic Field Strength	RRA Public notification 2021-22
Technical Requirements for Radio Equipment for Aeronautical Services	RRA Public notification 2021-14
RRA Notice - Technical Requirements for Radio Equipment for Telecommunications Services	RRA Public notification 2022-15
Technical Requirements of the other service radio equipment for simple radio station, space station and earth station	RRA Public notification 2021-35

<u>Test Technology:</u>	<u>Test Method(s):</u>
Technical Requirements of Radio Wave Application	RRA Public notification 2022-28
General Requirements for Compliance of Radio Apparatus	RSS-Gen
RF Exposure	RSS-102 Measurement (RF Exp.) (Issue 5)
Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz	RSS-119
Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz	RSS-130
Cellular Telephone Systems Operating in the Bands (824 to 849) MHz and (869 to 894) MHz	RSS-132
2 GHz Personal Communications	RSS-133
900 MHz Narrowband Personal Communication Service	RSS-134
Digital Scanner Receivers	RSS-135
Location and Monitoring Service in the Band (902 to 928) MHz	RSS-137
Advanced Wireless Services (AWS) Equipment Operating in the Bands (1 710 to 1 780) MHz and (2 110 to 2 180) MHz	RSS-139
Equipment Operating in the Public Safety Broadband Frequency Bands (758 to 768) MHz and (788 to 798) MHz	RSS-140
Aeronautical Radiocommunication Equipment in the Frequency Band (117.975 to 137) MHz	RSS-141
Narrowband Multipoint Communication Systems in the Bands (1 429.5 to 1 432) MHz	RSS-142
Mobile Earth Stations (MESs) and Ancillary Terrestrial Component (ATC) Equipment Operating in the Mobile-Satellite Service Bands (2 483.5 to 2 500) MHz	RSS-170

<u>Test Technology:</u>	<u>Test Method(s):</u>
Coast and Ship Station Equipment Operating in the Maritime Service in the Frequency Range (1 605 to 28 000) kHz	RSS-181
Maritime Radio Transmitters and Receivers in the Band (156 to 162.5) MHz	RSS-182
Flexible Use Broadband Equipment Operating in the Band (3 450 to 3 650) MHz	RSS-192
Fixed Wireless Access Equipment Operating in the Band (953 to 960) MHz	RSS-194
Wireless Communication Service (WCS) Equipment Operating in the Bands (2 305 to 2 320) MHz and (2 345 to 2 360) MHz	RSS-195
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-196
Wireless Broadband Access Equipment Operating in the Band (3 650 to 3 700) MHz	RSS-197
Broadband Radio Service (BRS) Equipment Operating in the Band (2 500 to 2 690) MHz	RSS-199
License-Exempt Radio Apparatus: Category I Equipment	RSS-210 (<i>up to 40 GHz</i>)
Level Probing Radar Equipment	RSS-211 (<i>up to 40 GHz</i>)
2 GHz License-exempt Personal Communications Service Devices (LE-PCS)	RSS-213
Analogue Scanner Receivers	RSS-215
Wireless Power Transfer Devices	RSS-216 (<i>up to 40 GHz</i>)
Devices Using Ultra-Wideband (UWB) Technology	RSS-220 (<i>up to 40 GHz</i>)
White Space Devices (WSDs)	RSS-222

<u>Test Technology:</u>	<u>Test Method(s):</u>
General Radio Service Equipment Operating in the Band (26.960 to 27.410) MHz (Citizens Band)	RSS-236
Shipborne Radar in the (2 900 to 3 100) MHz and (9 225 to 9 500) MHz Bands	RSS-238
Medical Devices Operating in the (401 to 406) MHz Frequency Band	RSS-243
Medical Devices Operating in the Band (413 to 457) MHz	RSS-244
Digital Transmission Systems (DTS), Frequency Hopping Systems (FHSs) and License-Exempt Local Area Networks (LE-LAN) Devices	RSS-247
Radio Local Area Network (RLAN) Devices Operating in the (5 925 to 7 125) MHz Band	RSS-248
Intelligent Transportation Systems – Dedicated Short Range Communications (DSRC) – On Board Unit (OBU)	RSS-252
Emergency Position Indicating Radio Beacons (EPIRB), Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB), and Maritime Survivor Locator Beacons (MSLD)	RSS-287
Global Maritime Distress and Safety System (GMDSS)	RSS-288
License-Exempt Radio Apparatus: Category II Equipment	RSS-310

Testing Activities Performed in Support of Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1¹

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
<u>Unintentional Radiators</u>		
Part 15B	ANSI C63.4:2014	325 000
<u>Industrial, Scientific, and Medical Equipment</u>		
Part 18	FCC MP-5:1986	325 000
<u>Intentional Radiators</u>		
Part 15C	ANSI C63.10:2013; ANSI C63.10:2020	325 000
<u>Unlicensed Personal Communication Systems Devices</u>		
Part 15D	ANSI C63.17:2013	325 000
<u>U-NII without DFS Intentional Radiators</u>		
Part 15E	ANSI C63.10:2013; ANSI C63.10:2020	325 000
<u>U-NII with DFS Intentional Radiators</u>		
Part 15E	FCC KDB 905462 D02 (v02)	325 000
<u>UWB Intentional Radiators</u>		
Part 15F	ANSI C63.10:2013; ANSI C63.10:2020	325 000
<u>BPL Intentional Radiators</u>		
Part 15G	ANSI C63.10:2013; ANSI C63.10:2020	325 000
<u>White Space Device Intentional Radiators</u>		
Part 15H	ANSI C63.10:2013; ANSI C63.10:2020	325 000
<u>Commercial Mobile Services (FCC Licensed Radio Service Equipment)</u>		
Parts 22 (cellular), 24, 25 (below 3 GHz), and 27	ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015	325 000
<u>General Mobile Radio Services (FCC Licensed Radio Service Equipment)</u>		
Parts 22 (non-cellular), 90 (below 3 GHz), 95 (below 3 GHz), 97 (below 3 GHz), and 101 (below 3 GHz)	ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015	325 000

Testing Activities Performed in Support of Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1 ¹		
Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
<u>Citizens Broadband Radio Services (FCC Licensed Radio Service Equipment)</u>		
Part 96	ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015	325 000
<u>Maritime and Aviation Radio Services</u>		
Parts 80 and 87	ANSI/TIA-603-E, ANSI C63.26:2015	325 000
<u>Microwave and Millimeter Bands Radio Services</u>		
Parts 25, 30, 74, 90 (above 3 GHz), 95 (above 3 GHz), 97 (above 3 GHz), and 101	ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015	325 000
<u>Broadcast Radio Services</u>		
Parts 73 and 74 (below 3 GHz)	ANSI/TIA-603-E, ANSI/TIA-102.CAAA-E, ANSI C63.26:2015	325 000
<u>Signal Boosters</u>		
Part 20 (Wideband Consumer Signal Boosters, Provider-specific Signal Boosters, and Industrial Signal Boosters), Section 90.219	ANSI C63.26:2015	325 000

¹Accreditation 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

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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 31st day of October 2024.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7352.01
Valid to September 30, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.