CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Compliance Testing LLC
1724 S. Nevada Way
Mesa, AZ 85204

Fulfills the requirements of

ISO/IEC 17025:2017

and

U.S. Federal Communication Commission (FCC) EMC and Telecommunications (EC&T) Testing Designation Program

U.S. Department of Homeland Security (DHS) Project 25 Compliance Assessment Program (P25 CAP)

Recognition of Telecommunications Testing - Innovation, Science, and Economic Development (ISED) Canada

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 31 August 2026

Certificate Number: AT-2901

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

with

U.S. Federal Communication Commission (FCC) EMC and Telecommunications (EC&T) Testing Designation Program [2]

and

Recognition of Telecommunications Testing - Innovation, Science, AND Economic Development (ISED) Canada [3]

and

U.S. Department of Homeland Security (DHS) Project 25 Compliance Assessment Program (P25 CAP)[4]

Compliance Testing LLC

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ISO/IEC 17025 Accreditation Granted: **03 October 2025**

Certificate Number: **AS-2995** Certificate Expiry Date: **11 June 2027**

Testing performed in support of FCC approval procedures for certification [2]

Type of Device Examples	Scope of Accreditation	Supporting FCC Guidance	Comments/Maximum Frequency Tested
Unintentional Radiators (FCC Part 15, Subpart B)	ANSI C63.4-2014	-	260 000 MHz
Industrial, Scientific, and Medical Equipment (FCC Part 18) Consumer ISM equipment	FCC MP-5, (February 1986)	-	260 000 MHz
Intentional Radiators (FCC Part 15, Subpart C)	ANSI C63.10-2020	-	260 000 MHz
UPCS (FCC Part 15, Subpart D) Unlicensed Personal Communication Systems devices	ANSI C63.17-2013	-	260 000 MHz

Testing performed in support of FCC approval procedures for certification [2]

Type of Device Examples	Scope of Accreditation	Supporting FCC Guidance	Comments/Maximum Frequency Tested
U-NII without DFS Intentional Radiators (FCC Part 15, Subpart E) Unlicensed National Information Infrastructure Devices (U-NII without DFS)	ANSI C63.10-2020	KDB Publication 789033	260 000 MHz
U-NII with DFS Intentional Radiators (FCC Part 15, Subpart E) Unlicensed National Information Infrastructure U-NII) Devices with Dynamic Frequency Selection (DFS)	FCC KDB Publication 905462 D02 UNII DFS Compliance Procedures New Rules v02 (April 8, 2016)	-	260 000 MHz
UWB Intentional Radiators (FCC Part 15, Subpart F) Ultra-wideband Operation	ANSI C63.10-2020	-	260 000 MHz
BPL Intentional Radiators (FCC Part 15, Subpart G) Access Broadband Over Power Line (Access BPL)	ANSI C63.10-2020	-	260 000 MHz
White Space Device Intentional Radiators (FCC Part 15, Subpart H) White Space Devices	ANSI C63.10-2020	-	260 000 MHz
Commercial Mobile Services (FCC Licensed Radio Service Equipment) Part 22 (cellular) Part 24 Part 25 (below 3 GHz) Part 27	ANSI/TIA-603-E or TIA-102.CAAA-E-2016 or ANSI C63.26-2015	KDB Publication 971168	260 000 MHz
General Mobile Radio Services (FCC Licensed Radio Service Equipment) [1] Part 22 (non-cellular) Part 90 (below 3 GHz) Part 95 (below 3 GHz) Part 97 (below 3 GHz) Part 101 (below 3 GHz)	ANSI/TIA-603-E or TIA-102.CAAA-E-2016 or ANSI C63.26-2015	-	260 000 MHz
Citizens Broadband Radio Services (FCC Licensed Radio Service Equipment) Part 96	ANSI/TIA-603-E or TIA-102.CAAA-E-2016 or ANSI C63.26-2015	KDB Publication 971168 KDB Publication 940660	260 000 MHz

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Testing performed in support of FCC approval procedures for certification [2]

Type of Device Examples	Scope of Accreditation	Supporting FCC Guidance	Comments/Maximum Frequency Tested
Maritime and Aviation Radio Services (FCC Licensed Radio Service Equipment) Part 80 Part 87	ANSI/TIA-603-E or ANSI C63-26-2015	-	260 000 MHz
Microwave and Millimeter Bands Radio Services (FCC Licensed Radio Service Equipment) Part 25 Part 30 Part 74 Part 90 (above 3 GHz) Part 95 (above 3 GHz) Part 97 (above 3 GHz) Part 101	ANSI/TIA-603-E or TIA-102.CAAA-E-2016 or ANSI C63.26-2015	KDB Publication 653005	260 000 MHz
Broadcast Radio Services (FCC Licensed Radio Service Equipment) Part 73 Part 74 (below 3 GHz)	ANSI/TIA-603-E or TIA-102.CAAA-E-2016 or ANSI C63.26-2015	-	260 000 MHz
Signal Boosters (Part 20) Wideband Consumer signal boosters Provider-specific signal boosters Industrial signal boosters Signal Boosters (Section 90.219)	ANSI C63.26-2015	KDB Publication 935210 D03, D04, and D05 [1]	260 000 MHz

Testing to Meet the Requirements for Recognition of Telecommunications Testing – Innovation, Science, and Economic Development (ISED) Canada [3]

Test Method (Standard)	Issue, Date, Amendment	Test Specification(s)	Comments
RSS-GEN	Issue 5, April 2018 Amendment 1, March 2019 Amendment 2, February 2021	General Requirements for Compliance of Radio Apparatus	-
RSS-102	Issue 6, December 2023	Radio Frequency (RF) Exposure compliance of Radiocommunications Apparatus (All Frequency Bands)	RF Exposure (RF Exp) - Measurement
RSS-111	Issue 5, September 2014	Broadband Public Safety Equipment Operating in the Band (4 940 to 4 990) MHz	-
RSS-112	Issue 1, February 2008	Land Mobile and Fixed Equipment Operating in the Band (1 670 to 1675) MHz	-

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Testing to Meet the Requirements for Recognition of Telecommunications Testing – Innovation, Science, and Economic Development (ISED) Canada [3]

Test Method (Standard)	Issue, Date, Amendment	Test Specification(s)	Comments
RSS-117	Issue 3, January 2016 Amendment, June 2021	Land and Coast Station Transmitters Operating in the Band (200 to 535) kHz	-
RSS-119	Issue 12, May 2015 Amendment, April 2022	Land Mobile and Fixed Equipment Operating in the Frequency Range (27.41 to 960) MHz	-
RSS-123	Issue 5, July 2026	Licensed Wireless Microphones	-
RSS-125	Issue 3, June 2020, Note November 2021	Land Mobile and Fixed Equipment Operating in the Frequency Range (1.705 to 30) MHz	-
RSS-127	Issue 1, August 2009	Air-Ground Equipment Operating in the Bands (849 to 851) MHz and (894 tot 896) MHz	-
RSS-130	Issue 2, February 2019	Equipment Operating in the Frequency Bands (617 to 652) MHz, (663 to 698) MHz, (698 to 756) MHz, and (777 to 787) MHz	-
RSS-131	Issue 4, December 2022	Zone Enhancers	-
RSS-132	Issue 4, January 2023	Cellular Telephone Systems Operating in the Bands (824 to 849) MHz and (869 to 894) MHz	-
RSS-133	Issue 7, July 2024	2 GHz Personal Communications	-
RSS-134	Issue 2, February 2016	900 MHz Narrowband Personal Communication Service	-
RSS-135	Issue 2, June 2009	Digital Scanner Receivers	-
RSS-137	Issue 2, February 2009	Location and Monitoring Service in the Band (902 to 928) MHz	-
RSS-139	Issue 4, September 2022 Amendment, October 2022	Advanced Wireless Services (AWS) Equipment Operating in the Bands (1 710 to 1 780) MHZ and (2 110 to 2 180) MHz	-
RSS-140	Issue 1, April 2018	Equipment Operating in the Public Safety Broadband Frequency Bands (758 to 768) MHz and (788 to 798) MHz	-
RSS-141	Issue 2, June 2010	Aeronautical Radiocommunication Equipment in the Frequency Band (117.975 to 137) MHz	-

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Testing to Meet the Requirements for Recognition of Telecommunications Testing – Innovation, Science, and Economic Development (ISED) Canada [3]

Test Method (Standard)	Issue, Date, Amendment	Test Specification(s)	Comments
RSS-142	Issue 5, April 2013	Narrowband Multipoint Communication Systems in the Bands (1 429.5 to 1 432) MHz	-
RSS-170	Issue 4, September 2022	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-181	Issue 2, August 2019 Amendment, February 2020	Coast and Ship Station Equipment Operating in the Maritime Service in the Frequency Range (1 605 to 28 000) kHz	-
RSS-182	Issue 6, June 2021, Amendment, September 2023 Amendment, August 2024	Maritime Radio Transmitters and Receivers in the Band (156 to 162.5) MHz	-
RSS-191	Issue 3, April 2008, Note January 2020	Local Multipoint Communication Systems in the Band (25.35 to 28.35) GHz; Point-to-Point and Point-to-Multipoint Broadband Communication Systems in the Bands (24.25 to 24.45) GHz and (25.05 to 25.25) GHz; and Point-to-Multipoint Broadband Communications in the Band (38.6 to 40) GHz	-
RSS-192	Issue 5, July 2023	Flexible Use Broadband Equipment Operating in the Band (3 450 to 3 650) MHz	-
RSS-194	Issue 1, October 2007	Fixed Wireless Access Equipment Operating in the Band (953 to 960) MHz	-
RSS-195	Issue 2, April 2014	Wireless Communication Service (WCS) Equipment Operating in the Bands (2 305 to 2 320) MHz and (2 345 to 2 360) MHz	-
RSS-196	Issue 2, February 2019	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	Issue 1, February 2010	Wireless Broadband Access Equipment Operating in the Band (3 650 to 3 700) MHz	-
RSS-198	Issue 1, August 2023	Flexible Use Broadband Equipment Operating in the Band 3900-3980 MHz	-

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Testing to Meet the Requirements for Recognition of Telecommunications Testing – Innovation, Science, and Economic Development (ISED) Canada [3]

Test Method (Standard)	Issue, Date, Amendment	Test Specification(s)	Comments
RSS-199	Issue 4, July 2023	Broadband Radio Service (BRS) Equipment Operating in the Band (2 500 to 2 690) MHz	-
RSS-210	Issue 11, June 2024	License-Exempt Radio Apparatus: Category I Equipment	-
RSS-211	Issue 1, March 2015	Level Probing Radar Equipment	-
RSS-213	Issue 2, December 2005	2 GHz License-exempt Personal Communications Service Devices (LE-PCS)	-
RSS-215	Issue 2, June 2009 Note, August 2024	Analogue Scanner Receivers	-
RSS-216	Issue 3, January 2024 Amendment 1, September 2020	Wireless Power Transfer Devices	-
RSS-220	Issue 1, March 2009 Amendment 1, July 2018	Devices Using Ultra-Wideband (UWB) Technology	-
RSS-222	Issue 3, October 2021	White Space Devices (WSDs)	-
RSS-236	Issue 2, September 2022	General Radio Service Equipment Operating in the Band (26.960 to 27.410) MHz (Citizens Band)	-
RSS-238	Issue 1, July 2013	Shipborne Radar in the (2 900 to 3 100) MHz and (9 225 to 9 500) MHz Bands	-
RSS-243	Issue 3, February 2010	Medical Devices Operating in the (401 to 406) MHz Frequency Band	-
RSS-244	Issue 1, June 2013	Medical Devices Operating in the Band (413 to 457) MHz	-
RSS-247	Issue 3, August 2023	Digital Transmission Systems (DTS), Frequency Hopping Systems (FHSs) and License-Exempt Local Area Networks (LE-LAN) Devices	With DFS
RSS-248	Issue 3, October 2024	Radio Local Area Network (RLAN) Devices Operating in the (5 925 to 7 125) MHz Band	-
RSS-251	Issue 2, July 2018	Vehicular Radar and Airport Fixed or Mobile Radar in the (76 to 81) GHz Frequency Band	-
RSS-252	Issue 2, October 2023	Intelligent Transportation Systems – Dedicated Short Range Communications (DSRC) – On Board Unit (OBU)	-

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Test Method (Standard)	Issue, Date, Amendment	Test Specification(s)	Comments
RSS-287	Issue 3, April 2024	Emergency Position Indicating Radio Beacons (EPIRB), Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB), and Maritime Survivor Locator Beacons (MSLD)	-
RSS-288	Issue 1, January 2012	Global Maritime Distress and Safety System (GMDSS)	-
RSS-310	Issue 5, January 2020	License-Exempt Radio Apparatus: Category II Equipment	-

Radio Testing to meet the requirements for the U.S. Department of Homeland Security (DHS) Project 25 Compliance Assessment Program (P25 CAP) [4]

Compliance Assessment Bulletin	Section	Test Type	Test Mode
P25-CAB-CAI_TEST_REQ October 2018, (ANSI/TIA-102.CAAA-E and ANSI/TIA-102.CAAB-D) [5]	2.1.1.1	Conventional Subscriber Unit Performance	Common Air Interface
P25-CAB-CAI_TEST_REQ October 2018, (ANSI/TIA-102.CAAA-E and ANSI/TIA-102.CAAB-D) [5]	2.1.1.2	Trunked Subscriber Unit Performance - FDMA	Common Air Interface
P25-CAB-CAI_TEST_REQ October 2018, (ANSI/TIA-102.CCAA-A and ANSI/TIA-102.CCAB-A) [5]	2.1.1.3	Trunked Subscriber Unit Performance - TDMA	Common Air Interface
P25-CAB-CAI_TEST_REQ October 2018, (TIA-102.CABA) [5]	2.1.3.1	Conventional Subscriber Unit Interoperability – Direct Mode	Common Air Interface
P25-CAB-CAI_TEST_REQ October 2018, (TIA-102.CABA) [5]	2.1.3.2	Conventional Subscriber Unit Interoperability – FNE Dispatch Monitoring Console – Repeat Mode	Common Air Interface
P25-CAB-CAI_TEST_REQ October 2018, (TIA-102.CABC-C and TIA-102.CABC-B) [5]	2.1.3.4	Trunked Subscriber Unit Interoperability	Common Air Interface – FDMA
Phase 2 P25-CAB-CAI_TEST_REQ October 2018, (TIA-102.CABC-C) [5]	2.1.3.5	Trunked Subscriber Unit Interoperability	Common Air Interface – TDMA
P25-CAB-CAI_TEST_REQ October 2018, (ANSI/TIA-102.CAAA-E and ANSI/TIA-102.CAAB-D) [5]	2.2.1.1	Conventional Base Station / Repeater Performance	Common Air Interface
P25-CAB-CAI_TEST_REQ October 2018, (ANSI/TIA-102.CAAA-E and ANSI/TIA-102.CAAB-D) [5]	2.2.1.2	Trunked Base Station / Repeater Performance	Common Air Interface - FDMA
P25-CAB-CAI_TEST_REQ October 2018, (ANSI/TIA-102.CCAA-A and ANSI/TIA-102.CCAB-A) [5]	2.2.1.3	Trunked Base Station / Repeater Performance	Common Air Interface - TDMA

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Radio Testing to meet the requirements for the U.S. Department of Homeland Security (DHS) Project 25 Compliance Assessment Program (P25 CAP) [4]

Compliance Assessment Bulletin	Section	Test Type	Test Mode
P25-CAB-CAI_TEST_REQ October 2018, (TIA-102.CABA) [5]	2.2.3.1	Conventional Base Station / Repeater Interoperability – Repeat Mode	Common Air Interface
P25-CAB-CAI_TEST_REQ October 2018, (TIA-102.CABA) [5]	2.2.3.2	Conventional Base Station / Repeater Interoperability	Common Air Interface – FNE Dispatch Monitoring Console - Repeat Mode
P25-CAB-CAI_TEST_REQ October 2018, (TIA-102.CABC-C and TIA-102.CABC-B) [5]	2.2.3.3	Trunked Base Station / Repeater Interoperability	Common Air Interface – FDMA
P25-CAB-CAI_TEST_REQ October 2018, (TIA-102.CABC-C) [5]	2.2.3.4	Trunked Base Station / Repeater Interoperability	Common Air Interface – TDMA
P25-CAB-CAI_TEST_REQ October 2018 (TIA-102.CABC-C) [5]	2.2.3.4	Trunked Base Station / Repeater Interoperability –	Common Air Interface TDMA
P25-CAP_ISSI-CSSI Interop REQ CAB-Rev2 (June 2021) [5]	3.2	ISSI Interoperability Testing Requirements for RFSS 1	FDMA Voice Services over ISSI
P25-CAP_ISSI-CSSI Interop REQ CAB-Rev2 (June 2021) [5]	3.3	ISSI Interoperability Testing Requirements for RFSS 1	TDMA Voice Services over ISSI
P25-CAP_ISSI-CSSI Interop REQ CAB-Rev2 (June 2021) [5]	4.2	CSSI Interoperability Testing Requirements for RFSS 1	FDMA Voice Services over CSSI
P25-CAP_ISSI-CSSI Interop REQ CAB-Rev2 (June 2021) [5]	4.3	CSSI Interoperability Testing Requirements for RFSS 1	TDMA Voice Services over CSSI
P25-CAP_ISSI-CSSI Interop REQ CAB-Rev2 (June 2021) [5]	5.2	CSSI Interoperability Testing Requirements for Consoles 1	FDMA Voice Services over CSSI
P25-CAP_ISSI-CSSI Interop REQ CAB-Rev2 (June 2021) [5]	5.3	CSSI Interoperability Testing Requirements for Consoles 1	TDMA Voice Services over CSSI
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	3.1	ISSI Conformance Testing Requirements	Full Rate (FDMA) Group Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	3.2	ISSI Conformance Testing Requirements	Half Rate (TDMA) Group Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	3.3	ISSI Conformance Testing Requirements	Supplementary Data Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	4.1	CSSI Conformance Testing Requirements - RFSS	Full Rate (FDMA) Group Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	4.2	CSSI Conformance Testing Requirements - RFSS	Half Rate (TDMA) Group Voice Services

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Radio Testing to meet the requirements for the U.S. Department of Homeland Security (DHS) Project 25 Compliance Assessment Program (P25 CAP) [4]

Compliance Assessment Bulletin	Section	Test Type	Test Mode
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	4.3	CSSI Conformance Testing Requirements - RFSS	Full Rate (FDMA) Unit To Unit Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	4.4	CSSI Conformance Testing Requirements - RFSS	Half Rate (TDMA) Unit To Unit Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	4.5	CSSI Conformance Testing Requirements - RFSS	Supplementary Data Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	5.1	CSSI Conformance Testing Requirements - Console	Full Rate (FDMA) Group Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	5.2	CSSI Conformance Testing Requirements - Console	Half Rate (TDMA) Group Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	5.3	CSSI Conformance Testing Requirements - Console	Full Rate (FDMA) Unit To Unit Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	5.4	CSSI Conformance Testing Requirements - Console	Half Rate (TDMA) Unit To Unit Voice Services
P25-CAP_ISSI-CSSI Conf Test REQ CAB (DEC 2020) [5]	5.5	CSSI Conformance Testing Requirements - RFSS	Supplementary Data Services
ISSI/CSSI Interoperability Test Requirements CAB, Revision 2 (June 2021)	-	Inter Sub System Interface/Console Sub System Interface-Interoperability	-
ISSI/CSSI Conformance Testing Requirements (Dec 2020)	-	Inter Sub System Interface/Console Sub System Interface-Conformance	-

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Test Method	Test Specification(s)	Range	Comments
Radiated and Conducted Emissions	FCC Part 15 Subpart B (using ANSI C63.4:2014); FCC Part 18 (using MP-5:1986); ICES-001; ICES-003; ICES-005; CISPR 11; AS/NZS CISPR 11; EN 55011; IEC 55011; KS C 9811:2019; CNS 13803; CISPR 13; EN 55013; CNS 15936 (2016); CISPR 14-1 (excluding click measurements and disturbance power measurements); EN 55014-1 (excluding click measurements and disturbance power measurements); EN 50083-1; EN 50083-2; CISPR 32; AS/NZS CISPR 32; EN 55032; KS C 9832:2019; EN 55015 (excluding LLAS radiated disturbance measurement); CISPR 15; CISPR 20; CISPR 25, EN 55020	up to 200 GHz	3m semi-anechoic chamber
	CNS 15936 (2016)	up to 6 GHz	
	VCCI V-3	up to 6 GHz	
Current Harmonics	EN 61000-3-2; IEC 61000-3-2; KS C 9610-3-2	-	-
Voltage Fluctuations and Flicker	EN 61000-3-3; IEC 61000-3-3; KS C 9610-3-3	-	-
Immunity Electrostatic Discharge (ESD)	EN 61000-4-2; IEC 61000-4-2; KS C 9610-4-2	-	-
Radiated Immunity	EN 61000-4-3, IEC 61000-4-3	(up to 10V/m @ 1GHz, up to 10V/m @ 6.0 GHz);	-
Radiated Immunity	KS C 9610-4-3	-	-
Immunity EFT/Burst	EN 61000-4-4; IEC 61000-4-4; KS C 9610-4-4; IEC 61000-4-4:2012	-	-
Immunity Surge	EN 61000-4-5; IEC 61000-4-5; KS C 9610-4-5	-	-
Immunity to Conducted Disturbances	EN 61000-4-6; IEC 61000-4-6; KS C 9610-4-6	-	-
Power Frequency Magnetic Field	EN 61000-4-8; IEC 61000-4-8; KS C 9610-4-8	-	excluding short duration mode

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Test Method	Test Specification(s)	Range	Comments
Immunity Voltage Dips, Short Interruptions and Line Voltage Variations, Unbalance, and Line Frequency Variations	EN 61000-4-11; IEC 61000-4-11; KS C 9610-4-11; IEC 61000-4-14; IEC 61000-4-27; IEC 61000-4-28; IEC 61000-4-29; IEC 61000-4-34, IEC 61000-4-39	-	-
Immunity Harmonics and Interharmonics	IEC 61000-4-13	-	-
Various	CISPR 35; IEC 55035; EN 55035	-	-
AGC Threshold Out-of-Band Rejection Input-Versus-Output Signal Comparison Mean Output Power and Amplifier Gain Out-of-Band/Block Emissions Conducted Spurious Emissions Conducted Frequency Stability Spurious Emissions Radiated	KDB 935210 D05 v01 Industrial Booster Measurement, KDB 586862, KDB 842590 D01 Upper Microwave Flexible Use Service v01r02, ANSI C63.26-2015, FCC Part 2, Part 30-Industrial Booster	9 kHz to 260 GHz	EMI Receiver, Vector Signal Generator, Mixers, Horn Antenna, Bi-Log Antenna, Millimeter Wave Source Modules, Anechoic Chamber 3 m

Electromagnetic

Test Method	Test Specification(s)	Range	Comments
Generic, Product Family, and Product Specific Standards			
Industrial and Residential	EN 61000-6-1, -2, -3, -4; KS C 9610-6-1, -2, -3, -4	-	-
ITE	EN 55024; CISPR 24	-	-
Laboratory	EN 61326; IEC 61326	-	-
Maritime	EN 60945:2002; IEC 60945:2002	-	Only Paragraphs 9 and 10
Medical	EN 60601-1-2; IEC 60601-1-2	-	-
Household Appliances, Electric Tools and Similar Apparatus	CISPR 14-2	-	-

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Test Method	Test Specification(s)	Range	Comments
Generic, Product Family, and Product Specific Standards			
EMC for Radio Equipment	EN 301 489-1, EN 301 489-2, through -37; EN 301 489-50; KS C 9610-6-1, -2, -3, -4; KS X 3137:2014; KS X 3125:2020; KS X 3127:2014; KS X 3128:2014; KS X 3130:2014; KS X 3131:2014; KS X 3126:2020; KS X 3132:2014; KS X 3139:2014; KS X 3134:2014; KS X 3138:2015	-	-
RF Measurements	ATS (American Traffic Solutions) RR24F-ST3 Tracking Radar Sensor Verification; ATS RR24F-SD2, Smartmicro -Model: UMRR T44 Model: UMRR-12 T48 Radar Sensor Verification (Clause 3)	-	-

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Test Method	Test Specification(s)	Range	Comments
Intentional and Unintentional Radiators to FCC Regulations (TCB Scopes A1-A4 and B1-B4)	47 CFR Parts 2 and 11; 47 CFR Part 15 B, C, D, E, F, and G (using ANSI C63.4:2014, ANSI C63.10:2013, ANSI C63.17:2013,); 47 CFR Part 18 (using FCC MP-5:1986); 47 CFR Parts 20, 22 (cellular and non-cellular), 24, 25, 27, 30, 73, 74, 80, 87, 90, 95, 96, 97, and 101 (using Part 2 ANSI/TIA 603-D, ANSI/TIA 603-E and/or FCC KDB 905462 D02 (v02) and ANSI C63.26:2015)	-	-

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Test Method	Test Specification(s)	Range	Comments
Europe (RF Sections Only)	ETSI EN 300 086; ETSI EN 300 113; ETSI EN 300 162-1, -2, -3; ETSI EN 300 219; ETSI EN 300 220-1, -2; ETSI EN 300 224; ETSI EN 300 296; ETSI EN 300 328; ETSI EN 300 330; ETSI EN 300 341; ETSI EN 300 373-1, -2; ETSI EN 300 390; ETSI EN 300 422-1, -2; ETSI EN 300 440-1, -2; ETSI EN 300 454/A1; ETSI EN 300 454-1, -2; ETSI EN 300 609; ETSI EN 300 720; ETSI EN 301 357; ETSI EN 301 441; ETSI EN 301 443; ETSI EN 301 444; ETSI EN 301 473; ETSI EN 301 502; ETSI EN 301 511; ETSI EN 301 843-1, -2, -4, -5, -6; ETSI EN 301 893; ETSI EN 301 908-1 through -25; ETSI EN 302 064-1, -2; ETSI EN 302 066; ETSI EN 302 065; ETSI EN 302 194-1, -2; ETSI EN 302 208-1, -2; ETSI EN 302 217-1, -2, -4; ETSI EN 302 264 v2.1.1; ETSI EN 302 291-1, -2; ETSI EN 302 326-2, -3; ETSI EN 302 502; ETSI EN 302 571; ETSI EN 303 396 v1.1.1 ETSI EN 305 550 v2.1.0 (DRAFT)	-	-
Hong Kong (HKCA)	HKCA 1001; HKCA 1002; HKCA 1003; HKCA 1004; HKCA 1005; HKCA 1006; HKCA 1007; HKCA 1008; HKCA 1010; HKCA 1016; HKCA 1035; HKCA 1036; HKCA 1037; HKCA 1039; HKCA 1041; HKCA 1042; HKCA 1044; HKCA 1045; HKCA 1046; HKCA 1048; HKCA 1049; HKCA 1051	-	-
Australia Harmonized	AS/NZS 4295; AS/NZS 4365; AS/NZS ETSI EN 301178:2018 AS/NZS 4280; AS/NZS 4583; AS/NZS 4768	-	-
Australia Non-Harmonized	AS/ACIF S042.1; AS/NZS 4268; AS 4367	-	-
Taiwan	LP0002:2024	-	-
Singapore	IMDA TS CMT (RF Requirements Only); IMDA TS SRD; IMDA TS WBA; IDA TS EMC; IDA TS RPG	-	-
Japan	ARIB STD T-33; ARIB STD-T66; ARIB STD-T67; ARIB STD-T75; ARIB STD-T91; ARIB STED T-96; ARIB STD-108	-	-

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Scope B1: Article 38-2-2(1) i) of Radio Law (License not required)			
Radio Testing - Japan Specific Radio Type		**Certification Ordinance Reference Article 2 Paragraph 1**	**Equivalent standard with similar or more stringent testing if known (not specific frequencies or power but test methods)**
Citizen radio		Item 3	CFR 47 Part 95 C; ETSI EN 300 135-1 and -2 V1.2.1 (2008-02)
Cordless telephone		Item 7	Except for freq band CFR 47 15.214 / RSS-210 Issue 10, December 2019, Amendment April 2020
Specified low power radio equipment	Tele-meter, Tele-control and Data Transmission (315 MHz Band)	Item 8	CFR 47 15.231 / ANSI C63.10 / RSS-210, Issue 10, Dec 2019, EN 300 220-1&2 V2.3.1 (2010-02)
Specified low power radio equipment	Tele-meter, Tele control, and Data Transmission (426, 920, 950, and 1 200 MHz Bands)	Item 8	TIA 603, ANSI C63.10, ETSI EN 300 440, RSS-210, Issue 10, Dec 2019
Specified low power radio equipment	420-450 MHz Medical telemeter Type A, B, C, D, E and BAN	Item 8	CFR 47 part 95H / KDB 771134 med radio RSS-210, Issue 10, Dec 2019, / EN 300 220-1&2 V2.3.1 (2010-02)
Specified low power radio equipment	Implant Data Transmission and Implant Medical Remote Measurement for (402 to 405) MHz	Item 8	CFR 47 95I / KDB771134 med radio TIA 603C / ANSI C63.10 / RSS-243, Issue 3, Feb 2010/ REC70-03 annex 12 / EN 301 839-1 & 2 v1-3-1
Specified low power radio equipment	433 MHz data transmission used for international transportation	Item 8	CFR 47 15.240 / ANSI C63.10 / RSS- 210, Issue 10, Dec 2019, EN 300 220-1&2 V2.3.1 (2010-02) / EN 302 066 / REC 70-03 annex 1 f1 & annex 6 m
Specified low power radio equipment	429 MHz Radio pager	Item 8	TIA603C / RSS-119, Issue 12, May 2015, EN 300 220-1&2 V2.3.1 (2010-02)

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Scope B1: Article 38-2-2(1) i) of Radio Law (License not required)			
Specified low power radio equipment	Radio microphones in the (70 to 300) and 800 MHz band	Item 8	CFR 47 part 74 / TIA 603C, RSS-210, Issue 10, Dec 2019, ANSI C63.10/ ETSI TS 102 192-1&2 V1.1.1 (2004-08)/ REC 70-03 annex 10
Specified low power radio equipment	75 & 169 MHz Radio microphone for hearing aid	Item 8	CFR 47 15.237 / RSS-210, Issue 10, Dec 2019, ANSI C63.10
Specified low power radio equipment	Walkie Talkie for Various Bands (413 to 455 MHz bands)	Item 8	RSS-119, Issue 12, May 2015, SRSP501, TIA 603 Part 95 FRS but different Freq range. RSS-210, Issue 10, Dec 2019
Specified low power radio equipment	75 MHz Voice assist radiotelephone	Item 8	CFR 47 15.237 / RSS-210, Issue 10, Dec 2019, ANSI C63.10
Specified low power radio equipment	(916.7 to 923.5 MHz band identification of moving objects.	Item 8	CFR 47 15.245 / ANSI C63.10 / RSS-210, Issue 10, Dec 2019, RSS-137, Issue 2, Feb 2009/ EN 300 220-1&2 V2.3.1 (2010-02) / EN 302 066 / REC 70-03 annex 6
Specified low power radio equipment	Radio equipment in the 2.4 GHz band for use in identification of moving objects	Item 8	CFR 47 90F / FHSS CFR 47 15.247 / ANSI C63.10 / RSS-210, Issue 10, Dec 2019, EN300 328 / REC 70-03 annex 1&6
Specified low power radio equipment	Millimeter wave radar (60.5 GHz, 76.5 GHz, and 79 GHz)	Item 8	FCC KDB200443, MMW test procedure/ CFR47 15.253, RSS-210, Issue 10, Dec 2019
Specified low power radio equipment	Radio equipment for millimeter wave Detection Sensor of Moving Objects (57 to 66) GHz band	Item 8	FCC KDB200443 MMW test procedure / CFR 47 15.255 / RSS-210, Issue 10, Dec 2019 REC 70-03 annex 1&3
Specified low power radio equipment	Detection sensor of moving objects (10.525 GHz and 24.15 GHz band)	Item 8	CFR 47 90F / EN 302 372-1 & 2 V1.1.1 (2006-04) / REC 70-03 annex 1&6
Specified low power radio equipment	Animal Detection Report for 142 & 146 MHz band	Item 8	TIA 603 ANSI C63.10

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Scope B1: Article 38-2-2(1) i) of Radio Law (License not required)			
Specified low power radio equipment	Private Land Mobile Radio Services for Data Communications	Item 13	ANSI C63.10 / ANSI C63.4
Specified low power radio equipment	In 2.4 GHz Band (2400-2483.5 MHz)	Item 19	CFR 47 15.247 / ANSI C63.10 / RSS-247, Issue 2, Feb 2017,REC 70-03 annex 3 / EN 300 328 v1.7.1
Specified low power radio equipment	In 2.4 GHz Band (2471-2497 MHz)	Item 19-2	CFR 47 15.249 / RSS-247, Issue 2, Feb 2017 REC 70-03 annex 1 / EN 300 440
Specified low power radio equipment	In 2.4 GHz Band (for Radio Control Model Aircraft, 2400-2483.5 MHz)	Item 19-2-2	ANSI C63.10 / RSS-247, Issue 2, Feb 2017 REC 70-03 annex 3 / EN 300 328 v1.7.1
Specified low power radio equipment	In 2.4 GHz Band (for Radio Control Model Aircraft, 2471-2497 MHz)	Item 19-2-3	ANSI C63.10 / RSS-247, Issue 2, Feb 2017 REC 70-03 annex 3 / EN 300 328 v1.7.1
Specified low power radio equipment	In the 5.2, 5.3 GHz Band	Item 19-3	CFR47 15E 15.407 / ANSI C63.10 / RSS-247, Issue 2, Feb 2017 / REC 70-03 annex 3 / EN 301 893
Low Power Data Communications System	In 5.6 GHz Band	Item 19-3-2	CFR47 15E 15.407 / ANSI C63.10 / RSS-247, Issue 2, Feb 2017 REC 70-03 annex 3 / EN 301 893
Low Power Data Communications System	In 5.2, 5.3, and 5.6 GHz Band (802.11ac)	Item 19-3-3	CFR47 15E 15.407 / ANSI C63.10 / RSS-247, Issue 2, Feb 2017 / REC 70-03 annex 3 / EN 301 893
Low Power Data Communications System	In 61.5 Band (10 mW or less)	Item 19-4-2	RSS-210, Issue 10, Dec 2019
Low Power Data Communications System	In 61.5 Band (10 mW or less)	Item 19-4-3	RSS-210, Issue 10, Dec 2019
Low Power Data Communications System	In 25 GHz Band	Item 19-4	RSS-210, Issue 10, Dec 2019
Land Mobile Station for 5 GHz Band Wireless Access System (Low Power Type)		Item 19-11	CFR47 90Y / TIA 603C / RSS-111, Issue 5, Sep 2014
Digital Cordless Telephone in Narrowband		Item 21	Except for freq band CFR47 15E / 15.301 / ANSI C63.10
Digital Cordless Telephone in Broadband (DECT)		Item 21-2	ETSI EN 301 649 TIA 603, ANSI C63.10 Part 15D

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Scope B1: Article 38-2-2(1) i) of Radio Law (License not required)		
Digital Cordless Telephone in OFDMA Method (sXGP)	Item 21-3	ETSI EN 301 908-10 Part 15D
PHS Land Mobile Station	Item 22	CFR 47 24E / TIA 603C

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Scope B3: Article 38-2-2(1) iii) of Radio Law (Other Licensed)		
Radio Testing - Japan Specific Radio Type	**Certification Ordinance Reference Article 2 Paragraph 1**	**Equivalent standard with similar or more stringent testing if known (not specific frequencies or power but test methods)**
SSB for Land Mobile Station and Portable Radio Station	Item 1-9	TIA 603, ANSI C63.26, CFR 47 Part 90
Angle-Modulation System for Land Mobile Stations and Portable Radio Station (F3E etc.)	Item 1-10	TIA 603, ANSI C63.26, CFR 47 Part 90
Frequency Modulation System for Land Mobile Station and Portable Radio Station (F3E etc.) 60 MHz, 150 MHz, 400 MHz	Item 1-11	TIA 603, ANSI C63.26, CFR 47 Part 90
Frequency Modulation System for Land Mobile Station and Portable Radio Station (F3E etc.) 30-54, 70-100, 100-142, 162.0375-200, 810-960, 1215-2690 MHz	Item 1-11	TIA 603, ANSI C63.26, CFR 47 Part 90
Specified Radio Microphone / Microphone	Item 1-12	TIA 603, ANSI C63.26, CFR 47 Part 90
Specified Radio Microphone / Wireless In Ear Monitor	Item 1-12	TIA 603, ANSI C63.26, CFR 47 Part 90
Specified Digital Radio Microphone	Item 1-12-2	TIA 603, ANSI C63.26, CFR 47 Part 90
DSB Maritime Mobile Telephone	Item 1-13	TIA 603, ANSI C63.26, CFR 47 Part 80
SSB Maritime Mobile Telephone Less than 50 W	Item 1-14	TIA 603, ANSI C63.26, CFR 47 Part 80
Frequency Modulation System	Item 1-15	TIA 603, ANSI C63.26, CFR 47 Part 90, CFR 47 Part 80 and 87
Radiolocation	Item 2	TIA 603, ANSI C63.26, CFR 47 Part 90
Radio Buoys	Item 2-2	TIA 603, ANSI C63.26, CFR 47 Part 80

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Scope B3: Article 38-2-2(1) iii) of Radio Law (Other Licensed)		
Meteorological aids	Item 3-2	TIA 603, ANSI C63.26, CFR 47 Part 90
Convenience Radio (900 MHz Band)	Item 4	TIA 603, ANSI C63.26, CFR 47 Part 15
Convenience Radio (150 MHz Band)	Item 4-2	TIA 603, ANSI C63.26, CFR 47 Part 90
Convenience Radio (27 MHz Band)	Item 4-4	TIA 603, ANSI C63.26, CFR 47 Part 90
Digital Convenience Radio (150, 400 MHz Band)	Item 4-5	TIA 603, ANSI C63.26, CFR 47 Part 90
Digital Convenience Radio (150, 400 MHz Band, with a carrier sensing device)	Item 4-6	TIA 603, ANSI C63.26, CFR 47 Part 90
Convenience Radio (920 MHz / UHF Band RF-ID)	Item 4-7	TIA 603, ANSI C63.26, CFR 47 Part 90, CFR 47 Part 15
Convenience Radio (50 GHz Band)	Item 5	TIA 603, ANSI C63.26, CFR 47 Part 90, FCC KDB 200443 MMW test procedure
Premises Radio / UHF Band RF-ID	Item 6	TIA 603, ANSI C63.26, CFR 47 Part 15
Premises Radio / 1200 MHz Band Data Transmission	Item 6	TIA 603, ANSI C63.26, CFR 47 Part 15
Premises Radio / 2450 MHz Band RF-ID	Item 6	TIA 603, ANSI C63.26, CFR 47 Part 15
Premises Radio (920 MHz Band, with a carrier sensing device)	Item 6-2	TIA 603, ANSI C63.26, CFR 47 Part 15
Premises Radio (920 MHz Band, Wireless Power Transfer)	Item 6-2-2	TIA 603, ANSI C63.26, CFR 47 Part 15
Premises Radio (2450 MHz Band, using a frequency hopping system)	Item 6-3	TIA 603, ANSI C63.26, CFR 47 Part 15
Mobile Relay Station/Land Mobile Relay Station	Item 10	TIA 603, ANSI C63.26, CFR 47 Part 90
Mobile Relay Station/Land Mobile Relay Station (NB- IoT)	Item 10-2	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24

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Scope B3: Article 38-2-2(1) iii) of Radio Law (Other Licensed)		
Base Station for W-CDMA Cellular Phone	Item 11-5	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for CDMA2000 Cellular Phone	Item 11-6	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Femtocell Base Station for W-CDMA Cellular Phone	Item 11-6-2	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Femtocell Base Station for CDMA2000 Cellular Phone	Item 11-6-3	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for W-CDMA Cellular Phone (In-Door Use)	Item 11-6-4	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base station for CDMA2000 Cellular Phone (In-Door Use)	Item 11-6-5	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for W-CDMA (HSDPA)	Item 11-9	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for CDMA2000 (1xEV-D0)	Item 11-10	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Femtocell Base Station for W-CDMA (HSDPA)	Item 11-10-2	TIA 603, ANSI C63.26, CFR 47 Part 2 and 24
Femtocell Base Station for CDMA2000 (1xEV-DO)	Item 11-10-3	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for W-CDMA (HSDPA) (In-Door Use)	Item 11-10-4	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for CDMA2000 (1xEV-DO) (In-Door Use)	Item 11-10-5	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for TD-CDMA	Item 11-13	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for TD-SCDMA	Item 11-14	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for TD-OFDMA (XGPHS) Cellular Phone	Item 11-16	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for MBTDD 625k	Item 11-18	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for SC-FDMA (LTE) FDD Cellular Phone	Item 11-20	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Femtocell Base Station for SC-FDMA (LTE) FDD Cellular Phone	Item 11-20-2	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24

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Scope B3: Article 38-2-2(1) iii) of Radio Law (Other Licensed)		
Base Station for SC-FDMA (LTE) FDD Cellular Phone (In-Door Use)	Item 11-20-3	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for SC-FDMA (LTE) FDD Cellular Phone (NB-IoT)	Item 11-20-4	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Femtocell Base Station for FDD-LTE Cellular Phone	Item 11-20-5	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Indoor Small Base Station for FDD-LTE Cellular Phone	Item 11-20-5	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for SC-FDMA (LTE) TDD Cellular Phone (except Land Mobile Station Which Relays portable Radio Communication)	Item 11-22	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Femtocell Base Station for TDD-LTE Cellular Phone	Item 11-23	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for OFDMA (UMB) FDD Cellular Phone (except Land Mobile Station Which Relays portable Radio Communication)	Item 11-24	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for WiMAX	Item 11-27	TIA 603, ANSI C63.26, CFR 47 Part 27
Base Station for OFDMA (UMB) TDD Cellular Phone (except land mobile station which relays portable radio communication)	Item 11-28	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Fifth-Generation Mobile Communications System (n40, n77, n78, n79)	Item 11-29	TIA 603, ANSI C63.26, CFR 47 Part 22, 24, 27, 90
Fifth-Generation Mobile Communications System (mmW)	Item 11-31	TIA 603, ANSI C63.26, CFR 47 Part 22, 24, 30
Fifth-Generation Mobile Communications System (FDD)	Item 11-33	TIA 603, ANSI C63.26, CFR 47 Part 22, 24, 27, 90
Amateur Station	Item 12	TIA 603, CFR 47 Part 95, ANSI C63.26
Base Station for 26/38 GHz Band Subscriber Radio Access Communication (point-to-multipoint type)	Item 15	TIA 603, ANSI C63.26, CFR 47 Part 101
Land Mobile Station for 22/26/38 GHz Band Subscriber Radio Access Communication (point-to-point type)	Item 15-3	TIA 603, ANSI C63.26, CFR 47 Part 101
Fixed Station for Telemeter and Broadcasting Type Simplex Communication	Item 16	TIA 603, ANSI C63.26, CFR 47 Part 73 and 74

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Scope B3: Article 38-2-2(1) iii) of Radio Law (Other Licensed)		
Fixed Station for Emergency Alarms in the 60 MHz Band	Item 17	TIA 603, ANSI C63.26, CFR 47 Part 73
Fixed Station for Telecommunications Service in the 22 GHz Band	Item 18	TIA 603, ANSI C63.26, CFR 47 Part 101
Base Station & Portable Base Station for 5 GHz Band Wireless Access System	Item 19-5	TIA 603, ANSI C63.26, CFR 47 Part 90 and 15
Base Station & Portable Base Station for 5 GHz Band Wireless Access System (low spurious type)	Item 19-6	TIA 603, ANSI C63.26, CFR 47 Part 90
Land Mobile Relay for 5 GHz Band Wireless Access System (limited for use in Special Zones)	Item 19-7	TIA 603, ANSI C63.26, CFR 47 Part 90
Land Mobile Relay for 5 GHz Band Wireless Access System (low spurious type) (limited for use in Special Zones)	Item 19-8	TIA 603, ANSI C63.26, CFR 47 Part 90
Digital MCA (800 MHz Band, except for Land Mobile Station)	Item 20-2	TIA 603, ANSI C63.26, CFR 47 Part 90
Advanced MCA Control Station	Item 20-4	TIA 603, ANSI C63.26, CFR 47 Part 90
PHS Base Station	Item 23	TIA 603, ANSI C63.26, CFR 47 Part 15
PHS Relay Station	Item 23-2	TIA 603, ANSI C63.26, CFR 47 Part 15
PHS Test Station	Item 23-3	TIA 603, ANSI C63.26, CFR 47 Part 15
Fixed Station for Telecommunications Service in the 38 GHz Band	Item 24	TIA 603, ANSI C63.26, CFR 47 Part 90
RZSSB System	Item 25	TIA 603, ANSI C63.26, CFR 47 Part 90
Narrow-band Digital System	Item 25-4	TIA 603, ANSI C63.26, CFR 47 Part 80, 87 and 90
Vehicle Detection System	Item 26	TIA 603, ANSI C63.26, CFR 47 Part 90
Beacon System	Item 27	TIA 603, ANSI C63.26, CFR 47 Part 90
Radar Class III	Item 28-3	TIA 603, ANSI C63.26
Radar Class III (Solid State)	Item 28-4	TIA 603, ANSI C63.26

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Scope B3: Article 38-2-2(1) iii) of Radio Law (Other Licensed)		
Radar Class IV	Item 29	TIA 603, ANSI C63.26
Radar Class IV (Solid State)	Item 29-2	TIA 603, ANSI C63.26
Base Station in the 60 GHz Band	Item 31-2	-
Land Mobile Station in the 60 GHz Band (point-to-point type)	Item 31-3	TIA 603, ANSI C63.26, CFR 47 Part 90, FCC KDB200443 MMW test procedure
Land Mobile Station in the 60 GHz Band (point-to-point type)	Item 31-4	-
Land Mobile Station in the 80 GHz Band	Item 31-5	TIA 603, ANSI C63.26, CFR 47 Part 90, FCC KDB 200443 MMW test procedure
Base Station for Dedicated Short Range Communication System	Item 33	TIA 603, ANSI C63.26, CFR 47 Part 90
Fixed Station for the Municipal Digital Disaster Prevention Service in the 60 MHz Band	Item 38	TIA 603, ANSI C63.26, CFR 47 Part 90
Digital Airport Radio System (MCA and add a direct connection type)	Item 40	TIA 603, ANSI C63.26, CFR 47 Part 90
Base Station, Land Mobile Relay Station and Land Mobile Station for Telecommunications and Public Service in the 18 GHz Band (point-to-point type)	Item 41	TIA 603, ANSI C63.26, CFR 47 Part 90
Land Mobile Station for Telecommunications and Public Service in the 18 GHz Band (point-to-multipoint type)	Item 42	TIA 603, ANSI C63.26, CFR 47 Part 101
Base Station and Land Mobile Relay Station for Telecommunications and Public Service in the 18 GHz Band (point-to-multipoint type)	Item 43	TIA 603, ANSI C63.26, CFR 47 Part 101
Fixed Station for Telecommunications Service in the 18 GHz Band	Item 44	TIA 603, ANSI C63.26, CFR 47 Part 90
Fixed Station for Telecommunications Service in the 1500 MHz Band	Item 48	TIA 603, ANSI C63.26, CFR 47 Part 90
Base Station for WiMAX	Item 49	TIA 603, ANSI C63.26, CFR 47 Part 27
Femtocell Base Station for WiMAX	Item 52-2	TIA 603, ANSI C63.26, CFR 47 Part 27
Base Station for WiMAX (In-Door Use)	Item 52-3	TIA 603, ANSI C63.26, CFR 47 Part 27

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Scope B3: Article 38-2-2(1) iii) of Radio Law (Other Licensed)		
Base Station for TD-LTE	Item 53	TIA 603, ANSI C63.26 CFR 47 Part 22 and 24
Femtocell Base Station for XGP	Item 54-2	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Base Station for XGP (In-Door Use)	Item 54-3	TIA 603, ANSI C63.26, CFR 47 Part 22 and 24
Fifth Generation Mobile Communication System (n41)	Item 54-5	TIA 603, ANSI C63.26, CFR 47 Part 22, 24, 27, 90
Gap Filler for Digital Terrestrial Television Broadcasting (Wireless Facilities to broadcast only by method to relay the broadcast program of other broadcasting stations)	Item 57	TIA 603, ANSI C63.26, CFR 47 Part 74
Gap Filler for Digital Terrestrial Television Broadcasting (Only the Wireless Facilities to perform relay broadcasting for measures of poor reception)	Item 57-2	TIA 603, ANSI C63.26, CFR 47 Part 74
General Terrestrial Broadcasting Station for Area Broadcasting	Item 57-3	TIA 603, ANSI C63.26, CFR 47 Part 74
Gap Filler for Radio Broadcasting	Item 57-4	TIA 603, ANSI C63.26, CFR 47 Part 74
Simplistic Automatic Identification System	Item 58	TIA 603, ANSI C63.26, CFR 47 Part 15
Simplistic International VHF	Item 59	TIA 603, ANSI C63.26
Simplistic International VHF (portable Type)	Item 60	TIA 603, ANSI C63.26, CFR 47 Part 90
Base Station for 200 MHz Broadband Mobile Communication System	Item 61	TIA 603, ANSI C63.26, CFR 47 Part 90
Land Mobile Station for 200 MHz Broadband Mobile Communication System	Item 62	TIA 603, ANSI C63.26, CFR 47 Part 90
Base Station for 700 MHz Band Intelligent Transport Systems	Item 63	TIA 603, ANSI C63.26, CFR 47 Part 90
Land Mobile Station for Telecommunications Service in the 23 GHz Band	Item 65	TIA 603, ANSI C63.26 CFR 47 Part 101
Fixed Station for Telecommunications Service in the 23 GHz Band	Item 66	TIA 603, ANSI C63.26 CFR 47 Part 101
Fixed Station in 11 GHz band or 15 GHz band	Item 67	TIA 603, ANSI C63.26, CFR 47 Part 101, FCC KDB 200443 MMW test procedure

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Scope B3: Article 38-2-2(1) iii) of Radio Law (Other Licensed)		
Personal Locator Beacon	Item 68	TIA 603, ANSI C63.26, CFR 47 Part 95
Radio Station for Land Mobile Service in 6.5 GHz band Portable Type	Item 69	TIA 603, ANSI C63.26, CFR 47 Part 101, FCC KDB 200443 MMW test procedure
Fixed Station in 6 GHz Band	Item 70	TIA 603, ANSI C63.26, CFR 47 Part 101, FCC KDB 200443 MMW test procedure
Fixed Station in 6.5 GHz band or 7.5 GHz Band	Item 71	TIA 603, ANSI C63.26, CFR 47 Part 101, FCC KDB 200443 MMW test procedure
Unmanned Mobile Image Transmission System	Item 72	TIA 603, ANSI C63.26, CFR 47 Part 74, Part 27
High Power Data Communications System in 5.2 GHz Band, Base Station	Item 73	CFR47 15E 15.407 / ANSI C63.10 / RSS-247, Issue 2, Feb 2017
High Power Data Communications System in 5.2 GHz Band, Land Mobile Relay Station	Item 74	CFR47 15E 15.407 / ANSI C63.10 / RSS-247, Issue 2, Feb 2017
150 MHz Band VHF Data Exchange System	Item 76	TIA 603, ANSI C63.26, CFR 47 Part 90
400 MHz Digital On-board Communication System	Item 77	TIA 603, ANSI C63.26, CFR 47 Part 90

Notes:

1. For Signal Boosters (Part 20) accreditation is required for Commercial Mobile Services (FCC Licensed Radio Services Equipment) and for Signal Booster (Section 90.219) accreditation is required for General Mobile Radio Services (FCC Licensed Radio Service Equipment)
2. Meets the requirements of the FCC equipment authorization program as detailed in 47 CFR Part 2 Subpart J as defined in the ANAB SR 2412 U.S. Federal Communication Commission (FCC) EMC and Telecommunications (EC&T) Testing Designation Accreditation Program. Recognition by the FCC can be confirmed by visiting their website https://apps.fcc.gov/oetcf/eas/reports/TestFirmSearch.cfm.
3. Testing performed to meet the Requirements for Recognition of Telecommunications Testing – Innovation, Science, and Economic Development (ISED) Canada. Recognition by ISED can be confirmed by visiting their website https://www.ic.gc.ca/eic/site/mra-arm.nsf/eng/h_nj00091.html.
4. This laboratory meets the requirements of the Department of Homeland Security (DHS) Project 25 Compliance Assessment Program (P25 CAP) as defined in ANAB SR 2428 Accreditation Program. Confirmation of laboratory recognition by visiting DHS listing of recognized laboratories.
5. Onsite testing, at sites other than the laboratory location is available for this parameter.
6. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2901.

Jason Stine, Vice President

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