SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

NTS LABS, LLC FREMONT & NEWARK [1]
41039 Boyce Road
Fremont, CA 94538
Ms. Janice Saari Phone: 510 578 3500

ELECTRICAL (EMC)

Valid to: September 30, 2023 Certificate Number: 0214.26

In recognition of the successful completion of the A2LA evaluation process accreditation is granted to this laboratory listed above, ***as well as the 2 satellite laboratories listed below***, to perform the following electromagnetic compatibility, NEBS, radio, wireless, telecom and energy producing/measuring devices, and product safety tests:

Test:	**Test Method(s) [2,3]:**
Emissions	
Radiated & Conducted (3, 5 & 10 meter Semi-anechoic chambers)	Code of Federal Regulation (CFR) 47, FCC Part 15B (using ANSI C63.4:2014); FCC Part 18 (using FCC MP-5:1986); EN 55011; KS C 9811; CISPR 11; AS/NZS CISPR 11; BS EN 55011; ICES-001; EN 55022; KS C 9832 (*excluding Annex H*); CISPR 22; AS/NZS CISPR 22; EN 55032 (*excluding Annex H*); CISPR 32 (*excluding Annex H*); AS/NZS CISPR 32 (*excluding Annex H*); BS EN 55032 (*excluding Annex H*); ICES-003; CNS 13438 (*up to 6 GHz*); CNS 15936:2016 (*excluding Annex H*); VCCI-CISPR 32:2016 (*excluding Annex H*); ICES-005; ICES-006; TEC/EMI/TEL-001/01/FEB-09; SI 961 Part 32; IFT-008-2015; QCVN 118:2018/BTTT
Current Harmonics	EN IEC 61000-3-2; IEC 61000-3-2; KS C 9610-3-2; AS/NZS 61000-3-2; BS EN 61000-3-3
Voltage Fluctuations	EN 61000-3-3; IEC 61000-3-3; KS C 9610-3-3; AS/NZS 61000-3-3; BS EN 61000-3-3
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; KS C 9610-4-3
Electrical Fast Transient/Burst	EN 61000-4-4; IEC 61000-4-4; KS C 9610-4-4
Surge Immunity	EN 61000-4-5; IEC 61000-4-5; KS C 9610-4-5

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8515 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Test:	**Test Method(s) [2,3]:**
Immunity (cont.)	
Conducted Immunity	EN 61000-4-6; IEC 61000-4-6; KS C 9610-4-6
Power Frequency Magnetic Field Immunity	EN 61000-4-8; IEC 61000-4-8; KS C 9610-4-8
Pulse Magnetic Field Immunity	EN 61000-4-9; IEC 61000-4-9
Voltage Dips, Short Interruptions, and Line Voltage Variations	EN 61000-4-11; IEC 61000-4-11; KS C 9610-4-11
Generic and Product Family Standards	IEEE 1613; IEEE 1613a; IEC 60533; IEC 61850-3; BS EN 61850-3; IEEE 37.90.1; IEC 60092-504 (*Section 5: Table 1, Items 4a, 4b, 5, 11a & 11b only*); EN 61000-6-1; IEC 61000-6-1; BS EN 61000-6-1; KS C 9610-6-1; EN 61000-6-2; IEC 61000-6-2; BS EN 61000-6-2; KS C 9610-6-2; EN 61000-6-3; IEC 61000-6-3; BS EN 61000-6-3; KS C 9610-6-3; AS/NZS 61000.6.3; EN 61000-6-4; IEC 61000-6-4; BS EN 61000-6-4; KS C 9610-6-4; AS/NZS 61000.6.4; IEC 61000-6-5; EN 61000-6-5; CISPR 13; CNS 13439; EN 50121-1; BS EN 50121-1; EN 50121-3-2; BS EN 50121-3-2; EN 50121-4; BS EN 50121-4; IEC 62236-4; EN 50155; EN 55013; KN 13; CISPR 20 (*only for audio/video equipment without tuner*); EN 55020 (*only for audio/video equipment without tuner*); KN 20 (*only for audio/video equipment without tuner*); CISPR 24; EN 55024; BS EN 55024; SI 961 Part 24; EN 50130-4; EN 55014-1 (*excluding click measurement*); CISPR 14-1 (*excluding click measurement*); KS C 9814-1 (*excluding click measurement*); CISPR 14-2; KS C 9814-2; EN 55014-2; EN 55103-1; EN 55103-2; CISPR 35 (*excluding Annex A, D, F.4, G*); KS C 9835 (*excluding Annex A, D, F.4, G*); EN 55035(*excluding Annex A, D, F.4, G*); BS EN 55035(*excluding Annex A, D, F.4, G*); SI 961 Part 35 (*excluding Annex A, D, F.4, G*); EN 61326-1; BS EN IEC 61326-1; EN 61326-2-1; BS EN IEC 61326-2-1; EN 61326-2-6; BS EN IEC 61326-2-6; IEC 60601-1-2; EN 60601-1-2; KS C IEC 60601-1-2; EN 60601-2-2 (*Section 36 only*); EN 60601-2-10 (*Section 36 only*); EN 60601-2-18; EN 60601-2-22; EN 60601-2-24 (*Section 36 only*); AS/NZS 3200.1.2; ISO 15197 (*Section 6.4 only*);

Test:	**Test Method(s) [2,3]:**
Generic and Product Family Standards *(cont.)*	EN 301 437; EN 300 386; BS EN 300 386; EN 301 449 (*4.2.2.2.2, 4.2.2.2.3, 4.2.3, 4.2.4, 4.2.5, 4.2.6, and 4.2.7 only*); ETSI EN 300 132-2; ETSI EN 300 132-3; EU-ITU-T: K.20 (*except 2.1.5, 2.1.6, 2.2 above 600V, 4.2 above 600V, 5.1.2 & 5.2.2 above 600V*), K.21 (*except 2.1.5, 2.1.6, 2.2 above 600V, 4.1.5, 4.2 above 600V, and 5.1.2 & 5.2.2 above 600V*); British Telecommunications Standard GS7; TEC/EMI/TEL-001/01/FEB-09; Deutsche Telekom EMC Specification 1 TR 9; ANATEL Resolution 442; Enforcement Decree of MSIT NO. 1, July 26, 2017; TEC-SD-DD-EMC-221-05-OCT-16
Technical Regulations for the Republic of Korea	Notice on Conformity Assessment of Broadcasting and Communications Equipment (RRA Public Notification 2015-26, November 30, 2015); KS X 3123
Network Equipment Building Systems (NEBS)	Telcordia GR-1089-CORE, (*Sections 1, 2, 3, 4* (*excluding 4.6.1.3.2 and 4.6.2.1.2.2A*)*, 7, 9, and 10 only*); ATIS-0600315.01
Network Equipment and Power Grounding, Environmental, and Physical Design Requirements	AT&T ATT-TP-76200 (*excluding Section 2.7*)
Automotive EMC	
Radiated & Conducted Emissions	CISPR 25 (*sections 6.3, 6.4, 6.5 only*); GB/T18655-2010
Radiated Immunity (ALSE)	ISO 11452-2; ISO 13766-1 (*excluding clauses 4.2, 4.3, 4.5*); ISO 13766-2 (*excluding clause 5.2*); ISO 14982 (*excluding clauses 6.1, 6.2, 6.3*)
Bulk current injection (BCI)	ISO 11452-4 (*excluding TWC method*); ISO 13766-1 (*excluding TWC method, clauses 4.2, 4.3, 4.5*); ISO 13766-2 (*excluding TWC method, clause 5.2*)
Immunity to Magnetic Fields	ISO 11452-8
Portable Transmitter	ISO 11452-9
Immunity to Conducted Disturbances in the Extended Audio Frequency Range	ISO 11452-10

Test:	**Test Method(s) [2,3]:**
Automotive EMC (cont.)	
ESD	ISO 10605 (*excluding clause 10 vehicle test method*); ISO 13766-1 (*excluding clauses 4.2, 4.3, 4.5*); ISO 13766-2 (*excluding clause 5.2*); ISO 14982 (*excluding clauses 6.1, 6.2, 6.3*)
Conducted Transient Immunity Broadband & Narrowband Emissions	ISO 7637-2; ISO 7637-3; ISO 13766-1; ISO 14982 ISO 13766-1 (*excluding clauses 4.2, 4.3, 4.5*); ISO 13766-2 (*excluding clause 5.2*); ISO 14982 (*excluding clauses 6.1, 6.2, 6.3*)
Wireless (*Excluding HAC & SAR as applicable*)	ANSI/TIA 603-E; EN 300-113; EN 300 220-1; EN 300 220-2; EN 300 220-3; EN 300 220-4; EN 300 328; EN 300 330; EN 300 440; EN 300 761-1; EN 300 761-2; EN 301-357; EN 301 839; EN 301 893; EN 301 489-1 to -6; EN 301 489-9; EN 301 489-12; EN 301 489-13; EN 301 489-15; EN 301 489-17; EN 301 489-19; EN 301 489-20; EN 301 489-22; EN 301 489-27 to -29; EN 301 489-31; EN 301 489-33 to -35; EN 301 489-50, EN 301 489-51, EN 301 489-53; EN 301 511; EN 301 908-1; EN 301 908-5; EN 303 413; ETSI ES 201 468; ES 203 021; BS 301 489-1; BS EN 301 489-34; KS X 3124; KS X 3125; KN 301 489-7; KS X 3126; KN 301 489-24; KS X 3134; EN 302 208; EN 302 291; EN 302 502; Radiocommunications Standard 2014 (Short Range Devices); AS/NZS 4268; NOM-121-SCTI-2009; LP0002; HKCA 1039; HKCA 1049; Republic of Korea - Regulations on Radio Equipment QCVN 18:2014/BTTTT; QCVN 47:2015/BTTTT; QCVN 55:2015/BTTTT; QCVN 73:2013/BTTTT; QCVN 74:2013/BTTTT; QCVN 88:2015/BTTTT; QCVN 94:2015/BTTTT; QCVN 95:2015/BTTTT; QCVN 96:2015/BTTTT; QCVN 54:2011/BTTTT; QCVN 65:2013/BTTTT; TCN 68.242:2006; ANATEL Resolution 506; Israel - Wireless Telegraph Ordinance (Ordinance Non-application Directive) 1982; IMDA TS SRD; IMDA TS LMR
Industry Canada Radio Standards Specifications (RSS) in Category I Equipment Standards List (*Excluding HAC & SAR as applicable*)	RSS-GEN; RSS-102 measurement (RF Exp and NS); RSS-111; RSS-112; RSS-117; RSS-119; RSS-123; RSS-125; RSS-127; RSS-130; RSS-131; RSS-132; RSS-133; RSS-134; RSS-135; RSS-137; RSS-139; RSS-140; RSS-141; RSS-142; RSS-170; RSS-181; RSS-182; RSS-191; RSS-192; RSS-194; RSS-195; RSS-196; RSS-197; RSS-199; RSS-210; RSS-211; RSS-213; RSS-215; RSS-216; RSS-220; RSS-222; RSS-236; RSS-238; RSS-243; RSS-244; RSS-246; RSS-247; RSS-251; RSS-252; RSS-287; RSS-288; RSS-310

Test:	**Test Method(s) [2,3]:**
Intentional and Unintentional Radiators to FCC Regulations, up to 200 GHz (*Excluding HAC & SAR as applicable*)	47 CFR (FCC Rules) Parts 2 and 11; 47 CFR (FCC Rules) Part 15B (using ANSI C63.4:2014); 47 CFR (FCC Rules) Part 15C (using ANSI C63.10:2013); 47 CFR (FCC Rules) Part 15D (using ANSI C63.17:2013); 47 CFR (FCC Rules) Part 15E (using ANSI C63.10:2013, FCC KDB 789033, FCC KDB 905462 D01 (v01)); 47 CFR (FCC Rules) Part 15F (using ANSI C63.10:2013); 47 CFR (FCC Rules) Part 15G (using ANSI C63.10:2013); 47 CFR (FCC Rules) Part 15H (using ANSI C63.10:2013); 47 CFR (FCC Rules) Part 18 (using FCC MP-5:1986); 47 CFR (FCC Rules) Part 20 (signal boosters) (using ANSI C63.26:2015); 47 CFR (FCC Rules) Parts 22 (cellular and non-cellular), 24, 25, 27, 73, 74, 80, 87, 90, 95, 96, 97 and 101 (using ANSI/TIA 603-E, TIA-102.CAAA-E, and ANSI C63.26:2015)
Product Safety	
Electrical Equipment for Measurement, Control, and Laboratory Use (MEAS) (*excluding Flammability Test, Ionizing Radiation, UV Radiation, Microwave Radiation, Ultrasonic Pressure, Laser Sources, Interlock Reliability, Vicat Softening, CRT/High Vacuum, Sound Level*)	CSA C22.2 No. 61010-1; EN 61010-1; CSA C22.2 No. 61010-1-12; IEC 61010-1; UL 61010-1; IEC 61010-2-101; CSA C22.2 No. 61010-2-81; IEC 61010-2-81; EN 61010-2-81
Information Technology Equipment (OFF) (*excluding Cathode Ray Tube, Flammable Liquids, Ionizing Radiation, Effect of UV Radiation on Material, Test to Resistance on Fire, Flammability Test, Mandrel Test and Operating Voltages Test)*	CSA C22.2 No. 60950-1; IEC 60950-1; EN 60950-1; UL 60950-1; AS/NZS 60950-1; SI 60950 Part I
Information Technology Audio Video (ITAV) (*excluding Vicat Test, Tracking Index, Mandrel Test, Laser Radiation, X-ray Test, UV Radiation, Acoustic Test, Test for FIW, Abrasion Resistance Test, Hydrostatic Pressure Test, Oil Resistance Test, Water Spray Excessive Dust Test*)	IEC 62368-1; BS EN 62368-1; UL 62368-1; CSA C22.2 No. 62368-1
Miscellaneous (MISC)	EN/IEC 60825-1:2014 (*excluding section 5*)

Test:	Test Method(s) [2,3]:
Energy Efficiency Tests	
Energy Efficiency for Transport and Optical Access	ATIS-0600015.2018 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting General Requirements; ATIS-0600015.02.2016 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting –Transport & Optical Access Requirements; ATIS-0600015.03.2016 Energy Efficiency for Telecommunication Equipment Methodology for Measurement and Reporting for Router and Ethernet Switch Products; ATIS-0600015.01.2014 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting – Server Requirements; ATIS-0600015.11.2016 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC/DC Converter Requirements; ECR Draft 3.0.1, December 2010; ETSI ES 203 136 V1.2.1, October 2017; Verizon VZ.TPR.9205, Issue 7, October 2018

[1] This accreditation covers testing performed at the main laboratory listed above, and the following satellite laboratories listed below:

38995 Cherry Street
Newark, CA 94560

Test:	Test Method(s) [2,3]:
Product Safety	
Electrical Equipment for Measurement, Control, and Laboratory Use (MEAS) (*excluding Flammability Test, Ionizing Radiation, UV Radiation, Microwave Radiation, Ultrasonic Pressure, Laser Sources, Interlock Reliability, Vicat Softening, CRT/High Vacuum, Sound Level*)	CSA C22.2 No. 61010-1; EN 61010-1; CSA C22.2 No. 61010-1-12; IEC 61010-1; UL 61010-1; IEC 61010-2-101; CSA C22.2 No. 61010-2-81; IEC 61010-2-81; EN 61010-2-81
Information Technology Equipment (OFF) (*excluding Cathode Ray Tube, Flammable Liquids, Ionizing Radiation, Effect of UV Radiation on Material, Test to Resistance on Fire, Flammability Test, Mandrel Test and Operating Voltages Test)*	CSA C22.2 No. 60950-1; IEC 60950-1; EN 60950-1; UL 60950-1; AS/NZS 60950-1; SI 60950 Part I

Test:	**Test Method(s) [2,3]:**
Information Technology Audio Video (ITAV) (*excluding Vicat Test, Tracking Index, Mandrel Test, Laser Radiation, X-ray Test, UV Radiation, Acoustic Test, Test for FIW, Abrasion Resistance Test, Hydrostatic Pressure Test, Oil Resistance Test, Water Spray Excessive Dust Test*)	IEC 62368-1; BS EN 62368-1; UL 62368-1; CSA C22.2 No. 62368-1
Miscellaneous (MISC)	EN/IEC 60825-1:2014 (*excluding section 5*)
Energy Efficiency Tests	
Energy Efficiency for Transport and Optical Access	ATIS-0600015.2018 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting General Requirements; ATIS-0600015.02.2016 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting –Transport & Optical Access Requirements; ATIS-0600015.03.2016 Energy Efficiency for Telecommunication Equipment Methodology for Measurement and Reporting for Router and Ethernet Switch Products; ATIS-0600015.01.2014 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting – Server Requirements; ATIS-0600015.11.2016 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC/DC Converter Requirements; ECR Draft 3.0.1, December 2010 ETSI ES 203 136 V1.2.1, October 2017 Verizon VZ.TPR.9205, Issue 7, October 2018

Test:	**Test Method(s) [2,3]:**
Emissions	
Radiated and Conducted (5 meter Semi-anechoic chambers)	Code of Federal Regulation (CFR) 47, FCC Part 15B (using ANSI C63.4:2014); EN 55011***;*** BS EN 55011; KS C 9811; CISPR 11; AS/NZS CISPR 11; ICES-001; ICES-003; ICES-005; ICES-006; VCCI V-3 (*up to 6 GHz*); VCCI-CISPR 32; TEC/EMI/TEL-001/01/FEB-09; QCVN 118:2018/BTTTT; CISPR 22; AS/NZS CISPR 22; EN 55022; CNS 13438 (*Excluding Radiated Emissions below 1 GHz*); EN 55032 (*excluding Annex H)*; CISPR 32 (*excluding Annex H)*; AS/NZS CISPR 32(*excluding Annex H)*; BS EN 55032 (*excluding Annex H)*; KS C 9832 (*Excluding Radiated Emissions below 1 GHz*)
Current Harmonics	EN IEC 61000-3-2; IEC 61000-3-2; KS C 9610-3-2; BS EN IEC 61000-3-2; IEC 61000-3-11; EN 61000-3-11; KS C 9610-3-11
Voltage Fluctuations	EN 61000-3-3; IEC 61000-3-3; KS C 9610-3-3; BS EN IEC 61000-3-3; IEC 61000-3-12; EN 61000-3-12; KS C 9610-3-12
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; KS C 9610-4-3
Electrical Fast Transient/Burst	EN 61000-4-4; IEC 61000-4-4; KS C 9610-4-4
Surge Immunity	EN 61000-4-5; IEC 61000-4-5; KS C 9610-4-5
Conducted Immunity	EN 61000-4-6; IEC 61000-4-6; KS C 9610-4-6
Voltage Dips and Interrupts	EN 61000-4-11; IEC 61000-4-11; KS C 9610-4-11
Generic and Product Family Standards	CISPR 35 (*excluding all Annexes but Annex F.1 – F.3*); KS C 9835 (*excluding all Annexes but Annex F.1 – F.3*); BS EN 55035 (*excluding all Annexes but Annex F.1 – F.3*); EN 300 386; BS EN 300 386; CISPR 24; EN 55024; BS EN 55024; TCVN 7317; EN 61000-6-1; KS C 9610-6-1; AS/NZS 61000-6-1; BS EN IEC 61000-6-1; EN 61000-6-2; KS C 9610-6-2; AS/NZS 61000-6-2; BS EN IEC 61000-6-2; EN 61000-6-3; KS C 9610-6-3 (*Excluding 30-1000 MHz*); AS/NZS 61000-6-3; BS EN IEC 61000-6-3; EN 61000-6-4; KS C 9610-6-4 (*Excluding 30-1000 MHz*); AS/NZS 61000-6-4; BS EN 61000-6-4;

Test:	**Test Method(s) [2,3]:**
Generic and Product Family Standards *(cont.)*	IEC 61000-6-5; EN 61000-6-5; BS EN 61000-6-5; TEC-SD-DD-EMC-221-05-OCT-16
Network Equipment Building Systems (NEBS)	Telcordia GR-1089-CORE, Sections 1, 2, 3, 4.1 to 4.3, 4.5, 4.6, 4.7 (*Excluding AC Power Fault*), 7, 9, and 10
Generic and Product Family Standards	British Telecommunications Standard GS7; Deutsche Telekom EMC Specification 1 TR 9; EN 50121-1; BS EN 50121-1; EN 50121-4; BS EN 50121-4; IEEE 1613; IEEE 1613.a; IEC 62236-4; IEC 61850-3 (*excluding magnetic immunity*)
Wireless (*Excluding HAC and SAR as applicable*)	ETSI EN 301 489-1; BS EN 301 489-1; ETSI EN 301 489-24; KS X 3123 (EMC only)
Energy Efficiency Tests	
Telecommunication Equipment Router and Ethernet Switch Products	ATIS 0600015: 2018 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting General Requirements;
Small Network Equipment Transport and Optical Access	ATIS 0600015.03.2016 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products; ATIS-0600015.02.2016 Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting –Transport & Optical Access Requirements; ECR Draft 3.0.1, December 2010; ETSI ES 203 136 V1.2.1, October 2017; Verizon VZ.TPR.9205, Issue 7, October 2018

On the following types of equipment:
Telecommunications Terminal Equipment (TTE); Network Equipment; Information Technology Equipment (ITE); Medical Electrical Equipment; Industrial, Commercial, and Medical Test Equipment; Professional Audio and Video Equipment; Radio Equipment; Electronic (Digital) Products; Industrial and Scientific Instruments; Cabled Distribution Systems, Automotive.

[2] The laboratory is only accredited for testing activities outlined within the test methods listed above. Reference to any other activity within these standards, such as risk management or risk assessment, does not fall within the laboratory's accredited capabilities.

[3] When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - General Requirements- Accreditation of ISO-IEC 17025 Laboratories.

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

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
Unintentional Radiators Part 15B	ANSI C63.4:2014	40000
Industrial, Scientific, and Medical Equipment Part 18	FCC MP-5 (February 1986)	40000
Intentional Radiators Part 15C	ANSI C63.10:2013	200000
Unlicensed Personal Communication Systems Devices Part 15D	ANSI C63.17:2013	40000
U-NIII without DFS Intentional Radiators Part 15E	ANSI C63.10:2013	40000
U-NIII with DFS Intentional Radiators Part 15E	FCC KDB 905462 D02 (v02)	40000
UWB Intentional Radiators Part 15F	ANSI C63.10:2013	200000
BPL Intentional Radiators Part 15G	ANSI C63.10:2013	200000
White Space Device Intentional Radiators Part 15H	ANSI C63.10:2013	200000
Commercial Mobile Services (FCC Licensed Radio Service Equipment) Parts 22 (cellular), 24, 25 (below 3 GHz), and 27	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
General Mobile Radio Services (FCC Licensed Radio Service Equipment) Parts 22 (non-cellular), 90 (below 3 GHz), 95, 97 (below 3 GHz), and 101 (below 3 GHz)	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
Citizens Broadband Radio Services (FCC Licensed Radio Service Equipment) Part 96	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	200000

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

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
Maritime and Aviation Radio Services		
Parts 80 and 87	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	200000
Microwave and Millimeter Bands Radio Services		
Parts 25, 74, 90 (above 3 GHz), 95 (above 3 GHz), 97 (above 3 GHz), and 101	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	200000
Broadcast Radio Services		
Parts 73 and 74 (below 3 GHz)	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
Signal Boosters (Part 20)		
Wideband Consumer Signal Boosters Provider-specific Signal Boosters Industrial Signal Boosters Signal Boosters (Section 90.219)	ANSI C63.26:2015	200000

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

Accredited Laboratory

A2LA has accredited

NTS LABS, LLC FREMONT & NEWARK

Fremont, CA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 25th day of February 2022.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0214.26
Valid to September 30, 2023
Revised September 1, 2022

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