

² Exclusions Tables (cont'd)

Exclusions from IEC/EN 60950-1	
Clause	Test
2.10.3.4	MEASUREMENT OF TRANSIENT LEVELS
4.5.2, 4.5	BALL PRESSURE TEST
4.7.3.6	HIGH VOLTAGE (OVER 4 KV) FLAME TEST
5.3	SURGE TESTS
6.2.2.1	IMPULSE TEST
	SOUND LEVEL
6.3	PROTECTION OF THE TELECOMMUNICATION WIRING SYSTEM PROTECTION FROM OVERHEATING
6.5	SHORT DURATION IMPULSE
6.5.3	ACOUSTIC PRESSURE - ON-HOOK / OFF-HOOK
ANNEX A.6 – V-0, V-1, V2	FLAME TEST
ANNEX A.2.7	NEEDLE FLAME TEST
ANNEX A.3, 4.7.3.2	HIGH CURRENT ARCING IGNITION TEST
ANNEX A.4, 4.7.3.2	ENCLOSURE HOT WIRE IGNITION TEST
ANNEX A.5, 4.6.2	HOT FLAMING OIL TEST
ANNEX A.7 - HBF, HF-1, HF-2	FLAMMABILITY TEST
ANNEX H, 4.3.13	IONIZING RADIATION MEASUREMENT TEST
ANNEX K.2, 1.5.3	200 CYCLE THERMOSTAT TEST
ANNEX K.3, 1.5.3	10,000 CYCLE THERMOSTAT ENDURANCE TEST
ANNEX K.4, 1.5.3	1000 CYCLE TEMPERATURE LIMITER TEST
ANNEX K.5, 1.5.3, 4.5.1	200 CYCLE THERMAL CUT-OUT TEST
6.4 - ANNEX NAC	OVERVOLTAGE TEST

Exclusions from IEC/EN 62368-1	
Clause	Test
5.4.1.10.3	Ball Pressure Test
5.4.2.3.2	Determining Transient Voltages
8.5.5	High Pressure Lamps
8.10.6	Thermoplastic Temperature Stability
10	Radiation
Annex C	UV Radiation
Annex G.1	Switches
Annex G.2	Relays
Annex G.3	Protective Devices
Annex G.5	Wound Components
Annex G.8	Varistors
Annex G.9	IC Current Limiters
Annex G.10	Resistors
Annex G.11	Capacitors and RC Units
Annex G.12	Optocouplers
Annex G.13	Printed Boards
Annex G.14	Coatings on Component Terminals
Annex G.15	Pressurized Liquid Filled Components
Annex G.16	IC Including Capacitor Discharge Function
Annex H	Criteria for Telephone Ringing Signals
Annex J	Insulated winding wires for use without interleaved insulation

² Exclusions Tables (cont'd)

Exclusions from IEC/EN 62368-1 (cont'd)	
Annex K	Safety Interlocks
Annex M.2	Safety of Batteries and their Cells
Annex M.7	Risk of explosion from lead acid and NiCd batteries
Annex M.8	Protection against internal ignition from external spark sources of batteries with aqueous electrolyte
Annex M.9	Preventing electrolyte spillage
Annex N	Electrochemical Potentials
Annex P.5	For metalized coatings, clearances and creepage distances for pollution degree 3 shall be maintained instead of the tests of P.4.2
Annex S	Tests for resistance to heat and fire
Annex U	Mechanical strength of CRTs and protection against the effects of implosion

Exclusions from IEC/EN 61010-1	
Clause	Test
6.8.3.3	The impulse voltage test
11.6.4	Protection against water
11.7.2	Leakage and rupture at high pressure
11.7.4	Overpressure safety device
14.7	Printed wiring boards – vertical burn test
Annex G	Leakage and rupture from fluids under pressure – hydrostatic tests
G.2.2	Conduct of hydrostatic tests
G.2.3	Initial tests
G.2.5	Additional test if modification succeeded in minimizing leakage
G.2.6	Additional test if modifications failed to reduce leakage
G.5	Overpressure safety devices

³ This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.

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	40000

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1⁴:

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
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-NII with DFS Intentional Radiators		
Part 15E	FCC KDB 905462 D02 (v02)	40000
UWB Intentional Radiators		
Part 15F	ANSI C63.10:2013	40000
BPL Intentional Radiators		
Part 15G	ANSI C63.10:2013	40000
<u>Commercial Mobile Services (FCC Licensed Radio Service Equipment)</u>		
Parts 22 (cellular), 24, 25 (below 3 GHz), and 27	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
<u>General Mobile Radio Services (FCC Licensed Radio Service Equipment)</u>		
Parts 22 (non-cellular), 90 (below 3 GHz), 95, 97, and 101 (below 3 GHz)	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
<u>Citizens Broadband Radio Services (FCC Licensed Radio Service Equipment)</u>		
Part 96	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
<u>Maritime and Aviation Radio Services</u>		
Parts 80 and 87	ANSI/TIA-603-E; ANSI C63.26:2015	40000
<u>Microwave and Millimeter Bands Radio Services</u>		
Parts 25, 74, 90 (90Y, 90Z, <i>DSRC</i>), and 101	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000
<u>Broadcast Radio Services</u>		
Parts 73 and 74 (below 3 GHz)	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000

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)
<u>Signal Boosters</u>		
Part 20 (Wideband Consumer Signal Boosters, Provider-specific Signal Boosters, and Industrial Signal Boosters)	ANSI C63.26:2015; FCC KDB 935210 D03 (v04); FCC KDB 935210 D04 (v02); FCC KDB 935210 D05 (v01r01)	40000

⁴Accreditation 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.

WITHDRAWN





Accredited Laboratory

A2LA has accredited

COMPLIANCE TESTING, LLC

Mesa, AZ

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 30th day of July 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2152.01
Valid to August 31, 2020

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