



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY BOXBOROUGH
Massachusetts Facility
1146 Massachusetts Avenue
Boxborough, MA 01719
Raouf Naguib Phone: 832-488-0752



Tests:

Test Method(s) ¹:

Electrostatic Discharge (ESD)

IEC/EN 61000-4-2; KS C 9610-4-2;
RTCA/DO-160² D, E, F, & G (Section 25);
MIL-STD-1686; MIL-STD-461 (CS118)

Radiated Immunity

IEC/EN 61000-4-3; KS C 9610-4-3;
RTCA/DO-160² C, D, E, F, & G (Section 20);
MIL-STD-461^{2*} (Methods RS01, RS02, & RS03);
MIL-STD-462; MIL-STD-462D;
MIL-STD-461^{2*} (Methods RS101 & RS103);
MIL-HDBK-240;
DoD-STD-1399 Section 70;

Electrical Fast Transient/Burst

IEC/EN 61000-4-



Tests:

Test Method(s) ¹:

IEC/EN 61000-6-1; KS C 9610-6-1;
IEC/EN 61000-6-2; KS C 9610-6-2;
IEC/EN 61000-6-3; IEC/EN 61000-6-4;
IEC/EN 60601-1-2; IEC/EN 61326-1;
GR-1089-CORE;
ETSI EN 300 386 ();
ATT-TP-76200;
CISPR 24; EN 55024; KN 24;
CISPR 35 ();
EN 55035 ();
KS C 9835 ()

Acoustic Characteristics of Materials &
Structures

CSA C22.2 No. 1010-1 (section 12.5);





Accredited Laboratory

A2LA has accredited

Boxborough, MA

for technical competence in the field of

Electrical calibration laboratories

technical competence for a defined scope and the operation of

(



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