



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** BQUEST LABS PVT. LTD., SHOP NO-1, M-577 G/F, GURU HARKRISHAN NAGAR,  
PASCHIM VIHAR, NEW DELHI, DELHI, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** CC-4421

**Validity** 26/05/2025 to 25/05/2029

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**Last Amended on** -

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Electric Field / Electromagnetic Field Sensor & Probe (80 MHz to 400 MHz Using TEM CELL)	Using Electric Field Isotropic Probe, Electric Field Meter, Signal Generator, Power Meter by Direct Method as per IEEE 1309: 2013, IEC 61000-4-3: 2020	2 V/m to 500 V/m	22.4 %
2	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Electric Field / Electromagnetic Field Sensor & Probe (9 kHz to 400 MHz Using TEM CELL)	Using Electric Field Isotropic Probe. Electric Field Meter, Signal Generator, Power Meter by Direct Method as per IEEE 1309: 2013, IEC 61000-4-3: 2020	2 V/m to 100 V/m	22.4 %



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Site Facility					
1	ELECTRO-TECHNICAL-EMI/ EMC (Measure)	Fully Anechoic Chamber / Semi Anechoic Chamber / Open Area Test Site (Field Uniformity)	Using Signal Generator & E-Field Probe, Antenna, Amplifier as per IEC 61000-4-3: 2020	1 V/m to 20 V/m @ (80 MHz to 18 GHz)	1.25 dB
2	ELECTRO-TECHNICAL-EMI/ EMC (Measure)	Fully Anechoic Chamber, Semi Anechoic Chamber, Open Area Test Site (VSWR)	Using Fieldfox Microwave Analyzer Preamplifiers, Antenna kit as per CISPR 16-1- 4: 2019, AMD1: 2020, A MD2: 2023	0 dB to 100 dB @ (1 GHz to 18 GHz)	2.8 dB
3	ELECTRO-TECHNICAL-EMI/ EMC (Measure)	Semi Anechoic Chamber / Open Area Test Site with ground plane (NSA)	Using Biconical, LPDA Antennae and Fieldfox Microwave Analyzer Preamplifier as per CISPR 16-1- 4: 2019, AMD1: 2020, A MD2: 2023 ANSI C63.4a: 2017	0 dB to 100 dB @ (30 MHz to 1 GHz)	1.9 dB
4	ELECTRO-TECHNICAL-EMI/ EMC (Measure)	Semi Anechoic Chamber with Ground Plane/Open Area Test Site (ALSE)	Using Biconical, LPDA, Monopole Antennae and Fieldfox Microwave Analyzer as per IEC/CISPR 25 Edition 5.0: 2021	0 dB to 100 dB @ (150 kHz to 1 GHz)	2.5 dB



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5	ELECTRO-TECHNICAL-EMI/ EMC (Measure)	Semi or Fully Anechoic Chamber / Open Area Test Site (Setup Table Influence Measurement)	Using Fieldfox Microwave Analyzer and Antenna as per CISPR 16-1- 4: 2019, AMD1: 2020, A MD2: 2023	0 dB to 100 dB @ (30 MHz to 18 GHz)	2 dB
6	ELECTRO-TECHNICAL-EMI/ EMC (Measure)	Shielded Chamber / Enclosure / Room (Electric Field)	Using Fieldfox Microwave Analyzer, SEMS Kit, Signal Generator Antenna Kit Preamplifiers as per BS EN 50147-1: 1997 IEEE 299.1: 2013, IEEE 299: 2006, MIL STD 188-125.1 (Appendix A): 2005, MIL STD 188-125.2 (Appendix A): 2005, IEC 61000-5-7: 2001	0 dB to 150 dB @ (9 kHz to 40 GHz)	3.2 dB





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7	ELECTRO-TECHNICAL-EMI/ EMC (Measure)	Shielded Chamber/ Enclosure/ Room( Magnetic field)	Using Fieldfox Microwave Analyzer, Spectrum Analyzer ,SEMS, Signal Generator, Antenna Kit as per IEEE 299.1: 2013, IEEE 299: 2006, BS EN 50147-1: 1997, MIL STD 188-125.1,(Appendix A): 2005, MIL STD 188-125.2, (Appendix A): 2005 IEC 61000-5-7: 2001	0 dB to 120 dB @ (9 kHz to 30 MHz)	3.2 dB



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Permanent Site Facility					
1	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Electric Field / Electromagnetic Field Sensor & Probe (1 MHz to 18 GHz)	Using Electric Field Isotropic Probe, Electric Field Meter, Signal Generator, Power Meter by Comparison Method as per IEEE 1309: 2013, IEC 61000-4-3: 2020	2 V/m to 100 V/m	22.4 %

\* CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.