



**National Accreditation Board for
Testing and Calibration Laboratories**

(A Constituent Board of Quality Council of India)



CERTIFICATE OF ACCREDITATION

BNNSPEAG TEST & CALIBRATION LABORATORY INDIA PVT LTD

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

11/11, SECTOR-3, RAJENDRA NAGAR, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

in the field of

CALIBRATION

Certificate Number: CC-2765

Issue Date: 15/07/2019

Valid Until: 11/08/2020

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL

Chief Executive Officer



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SCOPE OF ACCREDITATION

Laboratory Name BNN SPEAG TEST & CALIBRATION LABORATORY INDIA PVT LTD, 11/11, SECTOR-3, RAJENDRA NAGAR, SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2765 Page No. : 1 / 5

Validity 15/07/2019 to 11/08/2020 Last Amended on -

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
Permanent Facility					
1	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (.Measure)	Frequency / Generators	9 KHz to 14 GHz	1.3Hz to 19.4Hz	Standard Equipment:Rubidium source FS 725, GPS E8-X , Frequency Counter CNT-90 and method : By Direct method :By TEC/SD/DD/CAL-EMF/01/FEB-19
2	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Frequency / Generators	10 MHz to 10 MHz	0.081Hz to 0.081Hz	Standard Equipment:Rubidium source FS 725, GPS E8-X , Frequency Counter CNT-90 and method : By Direct method
3	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Frequency / Receivers	9 kHz to 12.75 GHz	1.3Hz to 78Hz	Standard Equipment : Signal Generator R&S SMC100A / SGS100A, Reference Frequency Standard GPS E8-X, Rubidium FS725, Frequency Counter CNT-90 and Method: By Comparison Method , By TEC/SD/DD/CAL-EMF/01/FEB-19



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Certificate Number CC-2765 Page No. : 2 / 5

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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
4	ELECTRO- TECHNICAL- RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Power / Generators 9 KHz to 18 GHz	13 dBm to -60 dBm	0.2dB to 0.4dB	Standard Equipment : Power sensor Z 91, Power sensor NRP18S and method : By Direct Method , By TEC/SD/DD/CAL- EMF/01/FEB-19
5	ELECTRO- TECHNICAL- RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	Power / Receivers 9KHz to 12.75GHz	10 dBm to -110 dBm	0.3dB to 0.6dB	Standard Equipment : Power sensor R&S Z 91, Signal Generator SMC 100A, Signal Generator SGS 100A, Attenuator 60dB, Power sensor NRP 18S and method : By Comparison Method , By TEC/SD/DD/CAL- EMF/01/FEB-19
6	ELECTRO- TECHNICAL- RF/MICROWAVE (1 GHZ AND ABOVE) (Measure)	RF Electric Field / Electromagnetic Field Sensors and Probes 300 MHz to 3000 MHz	10 V/m to 20 V/m	-18% to +18%	Using Electric Field Isotropic Probe & Electric Field Meter by Comparison Method (IEEE-1309-2013) - Type A, By TEC/SD/DD/CAL- EMF/01/FEB-19



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7	ELECTRO-TECHNICAL-RF/MICROWAVE (1 GHZ AND ABOVE) (Source,Measure)	Attenuation	0 dB to 80 dB	0.1dB to 0.5dB	Standard Equipment used : Power sensor Z 91, Power sensor NRP18S , Signal Generator SGS 100A, SMC 100A and method : By Substitution Method 9KHz to 12.75GHz, By TEC/SD/DD/CAL-EMF/01/FEB-19



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Site Facility					
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