

Laboratory Anritsu India Private Limited, Indiqueb ETA, No. 38/4, 6th Floor,
Doddanekundi, Outer Ring Road, Bengaluru, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2929

Page 1 of 2

Validity 01.01.2019 to 31.12.2020

Last Amended on -

"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>ELECTRO-TECHNICAL CALIBRATION</u>				
I.	MEASURE			
1.	Frequency ^{\$}	10 MHz to 18 GHz	0.12 Hz to 0.94 Hz	Using MF2412 Frequency Counter, 1510-602 Frequency Reference Standard by Direct Method
2.	RF & Microwave Power ^{\$}	(-) 60 dBm to 13 dBm (10 MHz to 40 GHz)	0.26 dB to 0.31 dB	Using ML2438A Power Meter & MA2474D Power Sensor By Direct Method
3.	Attenuation ^{\$}	0 dB to 60 dB with 10 dB step (10 MHz to 18GHz)	0.29 dB to 0.52 dB	Using MG3695C Signal Generator and Anritsu MA24D Sensor By Direct Method
4.	Calibration Factor ^{\$}	100 % (10 MHz to 40 GHz)	2.52 % to 9.84 %	Using MG3695C Signal Generator and Anritsu MA2474D Sensor By Comparison Method
5.	Reflection Coefficient/ VSWR ^{\$}	1.01 to 2 (10 MHz to 40 GHz)	1.2 $ \Gamma $ to 1.64 $ \Gamma $	Using 37269C/ VNA 3652A-1 Cal Kit, MS4623 A RF Transmission/ Reflection Analyser, 3753 R / 9 GHZ Cal Kit (N-Type) By Comparison Method

Vishal Shukla
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Program Manager

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Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
II.	SOURCE			
1.	Frequency ^{\$}	10 MHz to 18 GHz	0.12 Hz to 0.94 Hz	Using MG3695C Signal Generator 1501-602 Frequency Reference Standard by Direct Method
2.	RF & Microwave Power ^{\$}	(-) 60 dBm to +13 dBm (10 MHz to 40 GHz)	0.91 dB	Using MG3695C Signal Generator By Direct Method

* Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

^{\$}Only in Permanent Laboratory