



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

WAVECAL TECHNOLOGIES

NO.1667, 16TH MAIN ROAD, 5TH BLOCK, HBR LAYOUT
BANGALORE, KA, 560043, INDIA

Calibration Laboratory CL-251

has met the requirements of AC204, *IAS Accreditation Criteria for Calibration Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date May 4, 2024

Expiration Date October 1, 2024



A handwritten signature in black ink, reading 'Raj Nathan'.

President

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WAVECAL TECHNOLOGIES

Contact Name Gajendran N

Contact Phone +91-9845136169

Accredited to ISO/IEC 17025:2017

Effective Date May 4, 2024

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED ⁵	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
<i>Electrical – DC/LF</i>			
DC Voltage – Generate ³	0 µV to 1 mV 1 mV to 10 mV 10 mV to 100 mV 100 mV to 1 V 1 V to 10 V 10 V to 100 V 100 V to 1000 V 1 kV to 10 kV	1300 µV/V 63 µV/V 10 µV/V 5.8 µV/V 3.4 µV/V 4.6 µV/V 5.4 µV/V 0.75 %	Multifunction Calibrator, Digital Multimeter, HV Source & High Voltage Digital Meter by comparison Method (CAL Procedure - WCT/CP/M/V)
DC Voltage – Measure ⁴	0 µV to 1 mV 1 mV to 10 mV 10 mV to 100 mV 100 mV to 1 V 1 V to 10 V 10 V to 100 V 100 V to 1000 V 1 kV to 10 kV	1200 µV/V 58 µV/V 9 µV/V 5.3 µV/V 3.4 µV/V 4.6 µV/V 5.4 µV/V 0.74 %	Digital Multimeter, High Voltage Digital Meter by Direct Method (Cal Procedure - WCT/CP/S/V)
AC Voltage – Generate ³	1 mV to 10 mV (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) (100 kHz to 500 kHz) 10 mV to 100 mV (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) (100 kHz to 500 kHz)	0.24 % 0.037 % 0.065 % 0.2 % 97 µV/V 42 µV/V 219 µV/V 547 µV/V	Multifunction Calibrator used as a Source with Digital Multimeter and AC Measurement Standard by Comparison method High Voltage Source with High Voltage Digital Meter & by Comparison Method (Cal Procedure WCT/CP/M/V)

* If information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.

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AC Voltage – Generate ³ (continued)	100 mV to 1 V (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) (100 kHz to 500 kHz)	75 μ V/V 22 μ V/V 83 μ V/V 303 μ V/V	Multifunction Calibrator used as a Source with Digital Multimeter and AC Measurement Standard by Comparison method High Voltage Source with High Voltage Digital Meter & by Comparison Method (Cal Procedure WCT/CP/M/V)
	1 V to 10 V (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) (100 kHz to 500 kHz)	75 μ V/V 22 μ V/V 94 μ V/V 463 μ V/V	
	10 V to 100 V (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz)	75 μ V/V 28 μ V/V 120 μ V/V	
	100 V to 1000 V (40 Hz to 10 kHz)	41 μ V/V	
	1 kV to 10 kV (50 Hz)	0.38 %	
AC Voltage – Measure ⁴	1 mV to 10 mV (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) (100 kHz to 500 kHz)	0.24 % 0.037 % 0.065 % 0.2 %	Digital Multimeter, AC Measurement Standard by Direct and Comparison method High Voltage Digital Meter by Direct Method (Cal Procedure - WCT/CP/S/V)
	10 mV to 100 mV (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) (100 kHz to 500 kHz)	97 μ V/V 42 μ V/V 220 μ V/V 550 μ V/V	
	100 mV to 1 V (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) (100 kHz to 500 kHz)	75 μ V/V 22 μ V/V 83 μ V/V 300 μ V/V	
	1 V to 10 V (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) (100 kHz to 500 kHz)	75 μ V/V 22 μ V/V 94 μ V/V 460 μ V/V	

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AC Voltage – Measure ⁴ (continued)	10 V to 100 V (20 Hz to 40 Hz) (40 Hz to 10 kHz) (10 kHz to 100 kHz) 100 V to 1000 V (40 Hz to 10 kHz) 1 kV to 10 kV (50 Hz)	75 μ V/V 28 μ V/V 120 μ V/V 41 μ V/V 0.33 %	Digital Multimeter, AC Measurement Standard by Direct and Comparison method High Voltage Digital Meter by Direct Method (Cal Procedure - WCT/CP/S/V)
DC Current – Generate ³	1 μ A to 10 μ A 10 μ A to 100 μ A 100 μ A to 1 mA 1 mA to 10 mA 10 mA to 100 mA 100 mA to 1 A 1 A to 20 A 20 A to 100 A 100 A to 1000 A	98 μ A/A 23 μ A/A 19 μ A/A 16 μ A/A 28 μ A/A 36 μ A/A 94 μ A/A 490 μ A/A 0.34 %	Multifunction Calibrator used as a Source with Digital Multimeter, Primary AC Shunt, AC/DC Current Shunt, Standard Current Shunt, 50 Turns Coil by Direct / Comparison / VI Method (Cal Procedure -WCT/CP/M/I)
DC Current – Measure ⁴	1 μ A to 10 μ A 10 μ A to 100 μ A 100 μ A to 1 mA 1 mA to 10 mA 10 mA to 100 mA 100 mA to 1 A 1 A to 20 A 20 A to 100 A 100 A to 1000 A	95 μ A/A 22 μ A/A 19 μ A/A 16 μ A/A 28 μ A/A 36 μ A/A 91 μ A/A 430 μ A/A 0.57 %	Digital Multimeter, Primary AC Shunt, AC/DC Current Shunt, Standard Current Shunt by Direct / VI Method (Cal Procedure – WCT/CP/S/I)
AC Current – Generate ³	10 μ A to 100 μ A (20 Hz to 1 kHz) (1 kHz to 10 kHz) 100 μ A to 1 mA (20 Hz to 1 kHz) (1 kHz to 10 kHz) 1 mA to 10 mA (20 Hz to 1 kHz) (1 kHz to 10 kHz) 10 mA to 100 mA (20 Hz to 1 kHz) (1 kHz to 10 kHz) 100 mA to 1 A (20 Hz to 1 kHz) (1 kHz to 10 kHz)	0.051 % 0.018 % 0.012 % 0.011 % 0.014 % 0.012 % 0.014 % 0.018 % 0.016 % 0.022 %	Multifunction Calibrator used as a Source with Digital Multimeter, Primary AC Shunt with AC Measurement standard AC/DC Current Shunt, Standard Current Shunt, 50 Turns Coil by Direct / Comparison / VI Method (Cal Procedure - WCT/CP/M/I)

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AC Current – Generate ³ (continued)	1 A to 20 A (20 Hz to 1 kHz) (1 kHz to 5 kHz)	0.025 % 0.026 %	Multifunction Calibrator used as a Source with Digital Multimeter, Primary AC Shunt with AC Measurement standard AC/DC Current Shunt, Standard Current Shunt, 50 Turns Coil by Direct / Comparison / VI Method (Cal Procedure - WCT/CP/MI)
	20 A to 100 A (50 Hz to 60 Hz)	0.25 %	
	100 A to 1000 A (50 Hz to 60 Hz)	0.34 %	
AC Current – Measure ⁴	10 µA to 100 µA (20 Hz to 1 kHz) (1 kHz to 10 kHz)	0.05 % 0.018 %	Digital Multimeter, Primary AC Shunt with AC Measurement standard AC/DC Current Shunt, Standard Current Shunt by Direct / VI Method (Cal Procedure -WCT/CP/S/I)
	100 µA to 1 mA (20 Hz to 1 kHz) (1 kHz to 10 kHz)	0.012 % 0.012 %	
	1 mA to 10 mA (20 Hz to 1 kHz) (1 kHz to 10 kHz)	0.014 % 0.012 %	
	10 mA to 100 mA (20 Hz to 1 kHz) (1 kHz to 10 kHz)	0.014 % 0.018 %	
	100 mA to 1 A (20 Hz to 1 kHz) (1 kHz to 10 kHz)	0.016 % 0.022 %	
	1 A to 20 A (20 Hz to 1 kHz) (1 kHz to 5 kHz)	0.025 % 0.026 %	
	20 A to 100 A (50 Hz to 60 Hz)	0.21 %	
	100 A to 1000 A (50 Hz to 60 Hz)	0.58 %	
DC Resistance – Generate ³	10 µΩ to 100 µΩ	910 µΩ/Ω	Multifunction Calibrator used as source with Digital Multimeter, AC/DC Current Shunt, Microohm / Milliohm Standard, High Megohm Box,
	100 µΩ to 1 mΩ	110 µΩ/Ω	
	1 mΩ to 10 mΩ	70 µΩ/Ω	
	10 mΩ to 100 mΩ	38 µΩ/Ω	
	100 mΩ to 1 Ω	38 µΩ/Ω	
	1 Ω to 10 kΩ	6 µΩ/Ω	
	10 kΩ to 100 kΩ	8.7 µΩ/Ω	

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DC Resistance – Generate ³ (continued)	100 kΩ to 1 MΩ 1 MΩ to 10 MΩ 10 MΩ to 100 MΩ 100 MΩ to 1 GΩ 1 GΩ to 10 GΩ 10 GΩ to 100 GΩ 100 GΩ to 1 TΩ	12 μΩ/Ω 15 μΩ/Ω 73 μΩ/Ω 350 μΩ/Ω 740 μΩ/Ω 0.5 % 0.8 %	Standard Resistor, by Comparison / VI Method (Cal Procedure - WCT/CP/M/R)
DC Resistance – Measure ⁴	10 μΩ to 100 μΩ 100 μΩ to 1 mΩ 1 mΩ to 1 Ω 1 Ω to 100 kΩ 100 kΩ to 1 MΩ 1 MΩ to 10 MΩ 10 MΩ to 100 MΩ 100 MΩ to 1 GΩ 1 GΩ to 10 GΩ 10 GΩ to 100 GΩ 100 GΩ to 1 TΩ	560 μΩ/Ω 90 μΩ/Ω 60 μΩ/Ω 6 μΩ/Ω 10 μΩ/Ω 13 μΩ/Ω 72 μΩ/Ω 360 μΩ/Ω 750 μΩ/Ω 0.3 % 0.65 %	Multifunction Calibrator, Digital Multimeter, AC/DC Current Shunt, High Megohm Box, Standard Resistor, by Direct / VI Method (Cal Procedure - WCT/CP/S/R)
Capacitance - Generate ³	10 pF to 100 μF (1 kHz) 100 μF to 10 mF (100 Hz)	0.07 % 0.07 %	Standard LCR Meter by Comparison Method (Cal Procedure - WCT/CP/M/C)
Capacitance - Measure ⁴	10 pF to 100 μF (1 kHz) 100 μF to 10 mF (100 Hz)	0.07 % 0.065 %	Standard LCR Meter by Direct Method (Cal Procedure – WCT/CP/S/C)
Inductance - Generate ³	100 μH to 10 H (1 kHz)	0.08 %	Standard LCR Meter by Comparison Method (Cal Procedure - WCT/CP/M/L)
Inductance - Measure ⁴	100 μH to 10 H (1 kHz)	0.08 %	Standard LCR Meter by Direct Method (Cal Procedure - WCT/CP/S/L)
AC Resistance - Generate ³ (40 Hz to 1 kHz)	1 mΩ to 1 Ω 1 Ω to 10 MΩ	0.07 % 0.045 %	Multifunction Calibrator, Digital Multimeter, by VI Method (Cal Procedure - WCT/CP/M/R)
AC Resistance - Measure ⁴ (40 Hz to 1 kHz)	1 mΩ to 1 Ω 1 Ω to 10 MΩ	0.065 % 0.043 %	Multifunction Calibrator, Digital Multimeter, by VI Method (Cal Procedure - WCT/CP/S/R)

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DC Power - Generate ³	100 mW to 20 kW (1 V to 1000 V) (100 mA to 20 A)	0.017 %	Multifunction Calibrator, Digital Multimeter, AC/DC Current Shunt, by Comparison Method (Cal Procedure - WCT/CP/M/EP)
	20 W to 30 kW (1 V to 1000 V) (20 A to 30 A)	0.06 %	
DC Power – Measure ⁴	100 mW to 30 kW (1 V to 1000 V) (100 mA to 20 A)	0.016 %	Digital Multimeter, AC/DC Current Shunt, Standard Current Shunt by Direct Method (Cal Procedure - WCT/CP/M/S/EP)
	20 W to 30 kW (1 V to 1000 V) (20 A to 30 A)	0.06 %	
AC Power - Generate ³	1.5 W to 7.2 kW (60 V to 240 V) (100 mA to 30 A) (1 PF to 0.25 PF, Lead/Lag) (50 Hz to 60 Hz)	0.021 %	Multifunction Calibrator, Digital Multimeter, Watt Converter Standard by Comparison Method (Cal Procedure - WCT/CP/M/EP)
	7.2 kW to 240 kW (60 V to 240 V) (30 A to 1000 A) (1 PF to 0.25 PF, Lead/Lag) (50 Hz to 60 Hz)	0.6 %	
AC Power – Measure ⁴	1.5 W to 7.2 kW (60 V to 240 V) (100 mA to 30 A) (1 PF to 0.25 PF, Lead/Lag) (50 Hz to 60 Hz)	0.021 %	Digital Multimeter, Watt Converter Standard, by Direct Method (Cal Procedure - WCT/CP/S/EP)
Power Factor / Phase Angle - Generate ³	0.25 PF to 1 PF Lead/Lag (0° to 360°)	0.02 % (0.04°)	Multifunction Calibrator, Digital Multimeter, Watt Converter Standard, by Comparison Method (Cal Procedure - WCT/CP/M/PF)
Power Factor / Phase Angle - Measure ⁴	0.25 PF to 1 PF Lead/Lag (0° to 360°)	0.02 % (0.04°)	Digital Multimeter, Watt Converter Standard, by Direct Method (Cal Procedure - WCT/CP/S/PF)

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Temperature Simulation – Generate ³ Thermocouples	-250 °C to 1000 °C 1000 °C to 1850 °C	0.027 °C 0.035 °C	Digital Multimeter, by Comparison Method (Cal Procedure - WCT/CP/M/EST)
RTD	-200 °C to 300 °C 300 °C to 850 °C	0.011 °C 0.02 °C	
Temperature Simulation – Measure ⁴ Thermocouples	-250 °C to 1000 °C 1000 °C to 1850 °C	0.027 °C 0.032 °C	Digital Multimeter by Direct Method (Cal Procedure - WCT/CP/S/EST)
RTD	-200 °C to 300 °C 300 °C to 850 °C	0.01 °C 0.02 °C	
Oscilloscope – DC Amplitude	1 mV to 120 V	0.1 %	Multifunction Calibrator by Direct Method (Cal Procedure - WCT/CP/M/A)
Oscilloscope – Square Wave Amplitude	1 mVpp to 120 Vpp	0.13 %	Multifunction Calibrator by Direct Method (Cal Procedure - WCT/CP/M/A)
Time and Frequency			
RF & Microwave Frequency – Generate ³	0.1 Hz to 40 GHz	0.006 µHz/Hz	Rubidium Frequency Standard, Arbitrary Waveform Generator, Microwave Test Set, by Direct Method (Cal Procedure - WCT/CP/M/F)
RF & Microwave Frequency – Measure ⁴	0.1 Hz to 40 GHz	0.006 µHz/Hz	Rubidium Frequency Standard, Microwave Counter / Analyzer, Microwave Frequency Counter, by Direct Method (Cal Procedure - WCT/CP/S/F)

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Time Period – Generate ³	10 s to 25 ps	0.006 μs/s	Rubidium Frequency Standard, Arbitrary Waveform Generator, Microwave Test Set, by Direct Method (Cal Procedure - WCT/CP/M/TP)
Time Period – Measure ⁴	10 s to 25 ps	0.006 μs/s	Rubidium Frequency Standard, Microwave Counter /Analyzer, Microwave Frequency Counter, by Direct Method (Cal Procedure - WCT/CP/S/TP)
Time Interval – Measure ⁴	0.1 s to 100000 s	25 μs/s	Microwave Counter / Analyzer by Direct Method (Cal Procedure - WCT/CP/M/TI)
RF/Microwave and Electromagnetics			
RF & Microwave Power – Generate ³	13 dBm to -60 dBm (20 Hz to 10 MHz) (10 MHz to 18 GHz) (18 GHz to 40 GHz) -60 dBm to -90 dBm (9 kHz to 10 MHz) (10 MHz to 18 GHz)	0.22 dB 0.24 dB 0.40 dB 0.35 dB 0.45 dB	RMS Voltmeter / Power Meter, EPM-Series RF Power Meter, E-Series Power, RF Power Meter, High Accuracy Power Sensor, Spectrum Analyzer, Arbitrary Waveform Generator, Microwave Test Set by Comparison Method (Cal Procedure - WCT/CP/M/RMP)
RF & Microwave Power – Measure ⁴	13 dBm to -60 dBm (20 Hz to 10 MHz) (10 MHz to 18 GHz) (18 GHz to 40 GHz) -60 dBm to -90 dBm (9 kHz to 10 MHz) (10 MHz to 18 GHz)	0.21 dB 0.23 dB 0.37 dB 0.34 dB 0.45 dB	RMS Voltmeter / Power Meter, EPM-Series RF Power Meter, E-Series Power Sensor, RF Power Meter, High Accuracy Power Sensor Spectrum Analyzer, by Direct Method (Cal Procedure - WCT/CP/S/RMP)
RF & Microwave Power Loss –Generate ³ (Attenuation, Insertion Loss,	0 dB to 70 dB (20 Hz to 18 GHz) (18 GHz to 40 GHz)	0.26 dB 0.37 dB	RMS Voltmeter / Power Meter, EPM-Series RF Power

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Return Loss, Coupling Loss, De-Coupling Loss, Isolation Loss, Voltage Division Factor)	70 dB to 90 dB (9 kHz to 10 MHz) (10 MHz to 18 GHz)	0.48 dB 0.54 dB	Meter, E-Series Power Sensor, RF Power Meter, High Accuracy Power Sensor, Spectrum Analyzer, Arbitrary Waveform Generator, Microwave Test Set, Programmable Attenuator, by Comparison Method (Cal Procedure - WCT/CP/M/RMA)
RF & Microwave Power Loss – Measure ⁴ (Attenuation, Insertion Loss, Return Loss, Coupling Loss, De-Coupling Loss, Isolation Loss, Voltage Division Factor)	0 dB to 70 dB (20 Hz to 18 GHz) (18 GHz to 40 GHz) 70 dB to 90 dB (9 kHz to 10 MHz) (10 MHz to 18 GHz)	0.26 dB 0.37 dB 0.48 dB 0.54 dB	RMS Voltmeter / Power Meter, EPM-Series RF Power Meter, E-Series Power Sensor, RF Power Meter, High Accuracy Power Sensor, Spectrum Analyzer, Victor Network Analyzer by Direct Method (Cal Procedure - WCT/CP/S/RMA)
VSWR – Generate ³	1.005 to 3.000 (1 kHz to 18 GHz)	7.3 %	Mismatch Termination used as a source with Network Analyzer, EPM-Series RF Power Meter, E-Series Power Sensor, Microwave Test Set, 50Ω Termination Kit, by Comparison Method (Cal Procedure - WCT/CP/M/SWR)
VSWR – Measure ⁴	1.005 to 3.000 (1 kHz to 18 GHz) 1.005 to 3.000 (18 GHz to 40 GHz)	5 % 16 %	Network Analyzer, EPM-Series RF Power Meter, E-Series Power Sensor, Microwave Test Set, 50Ω Termination Kit, by Direct Method (Cal Procedure - WCT/CP/S/SWR)
Bandwidth – Measure ⁴ (-3 dB Level)	Up to 18 GHz 18 GHz to 40 GHz	0.20 dB 0.43 dB	EPM-Series RF Power Meter, E-Series Power Sensor, Microwave Test Set, RF Power Meter, High Accuracy Power Sensor, by Direct Method (Cal Procedure - WCT/CP/M/BW)

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Impedance – Measure ⁴	(1 kHz to 500 MHz) 0.1 Ω to 10 Ω 10 Ω to 500 Ω	8.5 % 5.5 %	Network Analyzer, 50Ω Termination Kit, by Direct Method (Cal Procedure - WCT/CP/S/Z)
RF Phase Angle – Measure ⁴	(1 kHz to 500 MHz) 0° to +/-90°	2.6°	Network Analyzer, 50Ω Termination Kit by Direct Method (Cal Procedure - WCT/CP/S/PA)
Amplitude Modulation – Measure ⁴	CF: 1 MHz to 6 GHz (Mod Rate: 50 Hz to 50 kHz) (AM Dept: 5 % to 95 %)	2 %	Modulation Meter, Spectrum Analyzer by Direct Method (Cal Procedure WCT/CP/S/AM)
Frequency Modulation – Measure ⁴	CF: 1 MHz to 6 GHz (Mod Rate: 50 Hz to 50 kHz) (FM Dev: 10 kHz to 1 MHz)	0.01 %	Modulation Meter, Spectrum Analyzer by Direct Method (Cal Procedure - WCT/CP/S/FM)
Pulse Modulation – Measure ⁴	CF: 1 MHz to 6 GHz (Pulse Period: 1 μs to 10 s) (Pulse width / Duty Cycle: 10 % to 90 %)	0.01 %	Digital Phosphor Oscilloscope, Spectrum Analyzer by Direct Method (Cal Procedure - WCT/CP/S/PM)
CISPR – Detector Band - A (Peak, Quasi peak, RMS & Average)	Pulse Frequency: 0.2 Hz to 200 Hz Amplitude: 10 dBμV to 60 dBμV	0.63 dB	EMI Calibration Pulse Generator, Avionics Signal Generator, by Direct Method (Cal Procedure - WCT/CP/M/ED)
CISPR – Detector Band - B (Peak, Quasi peak, RMS & Average)	Pulse Frequency: 0.2 Hz to 2 kHz Amplitude: 10 dBμV to 60 dBμV	0.63 dB	EMI Calibration Pulse Generator, Avionics Signal Generator, by Direct Method (Cal Procedure - WCT/CP/M/ED)
CISPR – Detector Band – C/D (Peak, Quasi peak, RMS & Average)	Pulse Frequency: 0.2 Hz to 20 kHz Amplitude: 10 dBμV to 60 dBμV	0.63 dB	EMI Calibration Pulse Generator, Avionics Signal Generator by Direct Method (Cal Procedure - WCT/CP/M/ED)

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CISPR – Detector Band - E (Peak, Quasi peak, RMS & Average)	Pulse Frequency: 0.2 Hz to 200 kHz Amplitude: 10 dBµV to 60 dBµV	0.72 dB	EMI Calibration Pulse Generator, Avionics Signal Generator by Direct Method (Cal Procedure - WCT/CP/M/ED)

¹The uncertainty covered by the Calibration and Measurement Capability (CMC) is expressed as the expanded uncertainty having a coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing calibrations of a best existing device. The measurement uncertainty reported on a calibration certificate may be greater than that provided in the CMC due to the behavior of the calibration item and other factors that may contribute to the uncertainty of a specific calibration.

²When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.

³Capability is suitable for the calibration of measuring devices in the stated ranges.

⁴Capability is suitable for the calibration of devices intended to generate the indicated quantity in the stated ranges.

⁵All accredited parameters are also available as site calibration. Note that actual measurement uncertainties achievable at a customer's site can normally be expected to be larger than the uncertainties listed on this Scope of Accreditation.