



Best Partner for Innovation

SIRIM STANDARDS TECHNOLOGY (SIRIM SST)

RADIO FREQUENCY CALIBRATION

SIRIM Standards Technology Sdn. Bhd. (SIRIM SST) recently offers measurement and calibration facility in the field of radio frequency measurement. The laboratory provides comprehensive calibration services on voltage, current, resistance, distortion, electrical-related parameters, time, frequency, radio frequency, and microwave measurement equipment.

Our dedicated and environmentally controlled Radio Frequency Standards Laboratory is capable to generate up to 40 GHz and measure signals up to 50 GHz, making it ideal to service many RF and microwave instruments such as spectrum analyzers, power meters, and attenuators.



Our Time and Frequency Laboratory maintains time and frequency standards derived from our GPS Frequency Reference, traceable to the National Metrology Institute of Malaysia (NMIM). This allows us to provide calibration services for various measurement equipment, including counters, generators, process calibrators, time bases, and oscillators.

Through our latest equipped RF calibration facility, SIRIM SST is ready to serve industry players from communications, electronics & semiconductors, defense, aerospace, oil and gas, healthcare, education, as well as government sector.



For more information, contact us as: +603-55109066 or calibrationsst@sirim.my

FOR FURTHER INFORMATION

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TYPE OF EQUIPMENT SUPPORTED

- AM/FM Stereo Signal Generator
- AudioAnalyzer
- Arbitrary Generator
- Base Station Test Set
- Communication Service Monitor
- Directional Bridge
- Digital Transmission Analyzer
- Dynamic Signal Analyzer
- ESG Vector Signal Generator
- Modulation Analyzer
- Noise Figure Analyzer
- Noise Source
- Waveform Generator
- Step Attenuator
- Sweep Oscillator
- Power Sensor
- Wow Flutter Calibrator
- Peak and Average Power Sensor
- Power Meter
- RF Power Meter
- Rubidium Frequency Standard
- Radio Communication Service
- RF Microwatt
- Standard Shunt
- PSA Spectrum Analyzer
- Vector Network Measurement Systems
- Radio Comm Tester
- Protocol Analyzer
- PXI Module
- Wireless Bluetooth Test Solution
- Wireless & Bluetooth Analyzer

SST RF LAB CAPABILITY

STN NO.	CAL STATION	UUT	CAPABILITY
1	Power Supply	Power Supply, E-Load	Capability : 300A, Accredited : 10A
2	Audio/DMM	Audio Analyzer	Full range cal
		Multimeter	Full range cal
		Dynamic Sig Analyzer	Full range cal
3	Analog Sig Generator	Analog Sig Generator	Up to 50GHZ
4	Digital Signal Generator	E-series Sig Gen	Up to 50GHZ
		Vector Signal Analyzer	
5	Spectrum Analyzer	Spectrum Analyzer	Up to 40GHZ
		Freq Counter	
6	Power Sensor	All power sensor	Freq up to 26.5GHz
		Sensor module	
7	Comm System Analyzer	Comm System Analyzer	8920 series
		Comm Test Set	R2660 series
8	Modulation Analyzer	Modulation Analyzer	8901/8902 series
		Freq Counter	
9	Function Generator	Function Generator	8904A, 3314A & 3325A/B
		Network Analyzer	8753c
10	Network Analyzer	ENA, PNA	Freq up to 26.5GHz
		Calibration Kit	
		Attenuator	
11	GPS/Aging Test	GPS related	10MHz, 5MHz, 100kHz, 10kHz
12	Noise Analyzer	Noise Figure Analyzer	All Range
		Noise Figure Meter	
		Noise Source	All Range
13	Parametric	Low Current Source	All Range
14	PXI	PXI Module(4142X, 44xx, 62xx, 66 xx)	All Range
15	Power Meter	RF Power Meters	HP437B, HP438A, EPM Series, EPM-P Series & E-series Power Meter

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