

We help in testing your designs

## Testing As A Service (TAAS)

Avnet Design Services has been the industry’s leading provider of reference and turnkey design services for over two decades. To improve our offering, a wide range of testing services are now available to our customers and suppliers on top of the engineering design services.

This will help our customers to better manage their time and expenses relating to testing of their products, helping them to go-to-market faster.

**Avnet offers a broad range of testing and engineering services\* to help get your products to market faster, our testing facility is located at the heart of India’s Silicon Valley- Bengaluru.**

### RF LAB



### POWER LAB




### ESD,EMI/EMC



LAB	Test Equipment /Accessories	Test Supported
RF	ESA-L 9KHz-26.5GHz Spectrum Analyzer	RF module’s output power measurement Up to 10th Harmonics for 2.4 GHz Spurious emission in different bands
	ENA Series Network analyser 9kHz-8.5GHz	Impedance Matching Antenna Tuning
	Signal Generator - 250KHz to 3 GHz	Able to feed RF power to module to measure RX Sensitivity
EMI/ EMC	Noise Simulator	IEC 61000-4-4 : Electrical Fast transient IEC 61000-4-5 : Surge IEC 61000-4-11 : Voltage dip test
	ESD Simulator	IEC 61000-4-2 : Electrostatic Discharge
	EMI Receiver	Conducted Emission : 9KHz to 30 MHz
METERING	Energy Meter Calibration	Supports class 1.0 accuracy ( 1P / 3P )
POWER	Programmable AC source	Adjustable AC input source ( Volt / Frequency)
	Precision Power Analyser	Measure input V&I, PF, THD, frequency etc...
	LED Load Simulator	Supports up to 100W
	DC Electronic load	Supports up to 300W
	Programmable AC/DC load	Supports up to 1.8KW/18A/350V
SOLAR SIMULATOR	MPPT Simulator	Facility to test MPPT using Solar array simulator , up to 1200W (120V/10A)

\* Please contact us for more information.

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