


NO: SAMM 826

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LABORATORY LOCATION/ CENTRAL OFFICE:	Penang EME Laboratory, Motorola Solutions Malaysia Sdn. Bhd. Plot2A, Medan Bayan Lepas Mukim 12 SWD 11900 Bayan Lepas, Pulau Pinang , 11900, PULAU PINANG MALAYSIA
	
ACCREDITED SINCE :	07 APRIL 2025
FIELD(S) OF TESTING:	ELECTRICAL ((ELECTROMAGNETIC ENERGY, EME))

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	Penang EME Laboratory, Motorola Solutions Malaysia Sdn. Bhd. Plot2A, Medan Bayan Lepas Mukim 12 SWD 11900 Bayan Lepas, Pulau Pinang , 11900, Pulau Pinang
FIELD(S) OF TESTING :	ELECTRICAL,

SCOPE OF TESTING : ELECTRICAL ((ELECTROMAGNETIC ENERGY, EME))

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Wireless Communication Devices A) Two-way Radios (portable) B) Portable Phones C) Handhelds Terminals	Specific Absorption Rate (SAR) 100 MHz to 6 GHz	a) IEEE 1528:2013 (guides: KDB 865664 & KDB 447498) b) IEEE 1528a:2005 c) FCC OET Bulletin 65 d) IEC 62209-1:2016 e) IEC 62209-2:2010 f) Industry Canada RSS-102: Issue 5:2015 g) IEC/IEEE 62209-1528:2020
Two-way Radios (mobile)	Power Density 1 MHz to 6 GHz	IEEE C95.3-2002 FCC OET Bulletin 65

Schedule

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