

Schedule

L3M Technologies Pte Ltd
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Singapore 609966

Certificate No. : LA-2016-0627-C

Issue No. : 1

Date : 19 October 2016

Page : 1 of 2

Field of Testing : Calibration and Measurement

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	FREQUENCY		CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
1. Frequency Source and Measurement	10 MHz (Specific value) 10 Hz to 300 kHz 300 kHz to 6 GHz		1.3E-02 Hz (2.1E-2 to 5.6E-4) Hz (5.6E-4 to 8.3) Hz
2. RF Power Source (50Ω)	Power Level	Frequency	
	0 dBm to 16 dBm	100 kHz to 6 GHz	0.16 dB to 0.32 dB
	-10 dBm to 0 dBm	100 kHz to 6 GHz	0.16 dB to 0.32 dB
	-40 dBm to -10 dBm	100 kHz to 6 GHz	0.16 dB to 0.29 dB
3. Amplitude Modulation Source Modulation Depth 5 % to 80 %	Carrier	Modulation	% AM
	1.50 MHz to 10 MHz	1 kHz	0.13 % AM to 2.0 % AM
	10 MHz to 1.0 GHz	1 kHz	0.08 % AM to 1.1 % AM
4. Frequency Modulation Source Frequency Deviation 10 kHz to 40 kHz 40 kHz to 200 kHz	Carrier	Modulation	
	10 MHz to 1 GHz	1 kHz	0.13 kHz to 0.58 kHz
	10 MHz to 1 GHz	1 kHz	0.59 kHz to 2.5 kHz

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Page : 2 of 2

Approved signatory :

Mr Lorian Sanchez

Note :

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025:2005. A laboratory's fulfilment of the requirements of ISO/IEC 17025:2005 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid calibration results. The **management system requirements** In ISO/IEC 17025:2005 (Section 4) are written in language relevant to laboratory operations and meet the principles of ISO 9001:2008 **Quality Management Systems — Requirements** and are aligned with its pertinent requirements.