

**APPENDIX A
OF
TEST REPORT T120110_F**

MEASUREMENT INSTRUMENTATION DETAILS

FCC ID: TVN-MARS-24AT
Manufacturer: Magellan Technology Pty Limited
Test Sample: Multiple Antenna Reader System (MARS-24AT)
Model Number: MARS-24AT
Serial Numbers: Production Prototype

Date: 30th March 2012

APPENDIX A**MEASUREMENT INSTRUMENTATION CALIBRATION DETAILS**

Equipment Type	Make/Model Serial Number	Last Cal. DD/MM/YY	Due Date DD/MM/YY
EMI Receivers	HP8546A CISPR Receiver, 9kHz -6GHz S/N: 3549A00288	30/08/11	30/08/12 *2
EMI Receiver	Rhode & Schwarz Receiver 9kHz – 40GHz Model: ESU40 S/N: 100183	11/01/12	11/01/13 *4
LISN Single Phase:	Rhode & Schwarz Model: ESH3-Z5 S/N: 832479/014	02/02/12	02/02/14 *3
Antenna	EMCO 6502 Active Loop S/N 9108-2660, 9 kHz – 30 MHz	21/04/11	21/04/14 *1
Antenna	EMCO 3110B Biconical S/N 9603-2350, 20-300 MHz	12/01/12	12/01/13 *3
Antenna	EMCO 3146 Log Periodic S/N 9603-4415, 300-1000MHz	12/01/12	12/01/13 *3
Preamplifier	RA 1000-25R S/N: 628	04/05/11	04/05/12 *3
60Hz Power Source	California Instrument, 5001 ix, S/N 57006	04/02/11	04/02/12 *5

Note *1 : National Measurements Laboratory calibration

Note *2 : NATA Calibration by VMS

Note *3 : In-house calibration. Traceable to Australian National Standards.

Note *4: NATA Calibration by Rohde & Schwarz.

Note *5: NATA Calibration extended by 2 months in accordance with EMC Technologies Quality System.

TEST SITES

Equipment Type	Make/Model Serial Number	Last Cal. DD/MM/YY	Due Date DD/MM/YY
Shielded Room/ Test Laboratory	7.23m × 4.83m × 2.45m	N/A	N/A
Open Area Test Site (OATS)	3/10/30 metre site. 1-4 metre antenna mast. 1.2 metre/1.2 Tonne turntable. (Situating at Upper Colo, NSW)	17/11/11	17/11/12 *3