



Global Product Certification
EMC-EMF Safety Approvals

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**APPENDIX A
OF
TEST REPORT T080316_F**

MEASUREMENT INSTRUMENTATION DETAILS

FCC ID: TVN-MARS-24E
Manufacturer: Magellan Technology Pty Limited
Test Sample: MARS-24 RFID Desktop Reader
Model: MARS-24E
Serial No: 7014360
Part No: 63-70-034

Date: 20th May 2008

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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	24/07/07	24/07/08	*2
EMI Receiver	ESCI Rohde Schwarz, 9kHz – 3GHz S/N: 100011	07/04/08	07/04/09	*1
Analyzer	HP 8591EM, 9kHz – 1.8 GHz S/N 3628A00892	04/09/07	04/09/08	*2
LISN Single Phase:	Rohde & Schwarz ESH3-Z5 S/N 832479/014	09/01/08	09/01/09	*3
Antenna	EMCO 6502 Active Loop S/N 6108-2660, 9 kHz – 30 MHz	02/02/07	02/02/08	*1, *4
Antenna	EMCO 3110B Biconical S/N 9603-2350, 20-300 MHz	06/02/08	06/02/09	*3
Antenna	EMCO 3146 Log Periodic S/N 9603-4415, 300-1000MHz	21/01/08	21/01/09	*3
Preamplifier	PRA1000-25B S/N 628, 30 to 1000 MHz	21/11/07	21/11/08	*3
Preamplifier	HP 8449B S/N: 3008A01113, 1-26.5GHz	14/02/08	14/02/09	*3
60Hz Power Source	California Instrument, 5001 ix, S/N 57006	15/05/07	15/05/08	*3

Note *1 : National Measurements Laboratory calibration

Note *2 : NATA Calibration by VMS

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

Note *4 : According the NATA rules the calibration due date was extended by up to 2 months. The equipment is now in calibration at the National Measurements Laboratory in UK.

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. (Situated at Upper Colo, NSW)	27/08/07	27/08/08	*3