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**APPENDIX A  
OF  
TEST REPORT T 60919\_F**

**MEASUREMENT INSTRUMENTATION DETAILS**

**FCC ID:** TVN-MARS-1  
**Manufacturer:** Magellan Technologies Pty Ltd  
**Test Sample:** RFID Read Write Device  
**Model:** Mars-1-2-4-6  
**Serial Number:** Production Prototype

**Date:** 12<sup>th</sup> October 2006

**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	11/07/06	11/07/07 *2
EMI Receiver	ESCI Rohde Schwarz, 9kHz – 3GHz S/N: 100011	31/03/06	31/03/07 *1
Analyzer	HP 8593E, 9kHz – 26 GHz S/N 3249A00402	10/10/06	10/10/07 *2
Analyzer	HP 8591EM, 9kHz – 1.8 GHz S/N 3628A00892	25/08/06	25/08/07 *2
LISN Single Phase:	EMCO 3825/2 SN 94112274	16/01/06	16/01/07 *3
LISN Single Phase:	Rohde & Schwarz ESH3-Z5 S/N 832479/014	18/01/06	18/01/07 *3
Antenna	EMCO 6502 Active Loop S/N 6108-2660, 9 kHz – 30 MHz	29/07/05	29/07/08 *1
Antenna	EMCO 3110B Biconical S/N 9603-2350, 20-300 MHz	06/02/06	06/02/07 *3
Antenna	EMCO 3146 Log Periodic S/N 9603-4415, 300-1000MHz	06/02/06	06/02/07 *3
Antenna	EMCO 3115 Horn Antenna S/N: 3823, 1-18GHz	14/02/05	14/02/08 *3
Preamplifier	PRA1G2-35B S/N 659, 30 to 1000 MHz	18/10/06	18/10/07 *3
Preamplifier	HP 8449B S/N: 3008A01113, 1-26.5GHz	09/01/06	09/01/07 *3
60Hz Power Source	California Instrument, 5001 ix, S/N 57006	15/05/06	15/05/07 *1

Note \*1 : National Measurements Laboratory calibration

Note \*2 : NATA Calibration by Hewlett Packard (Aust) Ltd

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

**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)	07/12/06	07/12/07 *3