



Global Product Certification  
EMC-EMF Safety Approvals

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**APPENDIX A  
OF  
TEST REPORT T110542\_F**

**MEASUREMENT INSTRUMENTATION DETAILS**

**FCC ID:** TVN-STRP  
**Manufacturer:** Magellan Technology Pty Limited  
**Test Sample:** Tunnel Reader/Writer  
**Model Numbers:** MSTRP-4040, MSTRP-5050 and MSTRP-6464  
**Serial Numbers** 9000182 and 9000790

**Date:** 16<sup>th</sup> September 2011

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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	10/08/10	10/08/11 *2
Analyser	HP 8593E, 9kHz – 26 GHz S/N 3249A00402	16/02/11	16/02/12 *2
Analyser	HP 8591EM, 9kHz – 1.8 GHz S/N 3628A00892	12/11/10	12/11/11 *2
LISN Single Phase:	EMCO 3825/2 SN 94112274	11/02/10	11/02/12 *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	03/03/10	03/03/12 *3
Antenna	EMCO 3146 Log Periodic S/N 9603-4415, 300-1000MHz	17/01/11	17/01/12 *3
Antenna	EMCO 3115 Horn Antenna S/N: 3823, 1-18GHz	12/01/09	12/01/12 *3
Preamplifier	HP 8449B S/N: 3008A01113, 1-26.5GHz	08/02/11	08/02/12 *3
60Hz Power Source	California Instrument, 5001 ix, S/N 57006	04/02/11	04/02/12 *3

Note \*1 : National Measurements Laboratory calibration

Note \*2 : NATA Calibration by VMS

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)	04/11/10	04/11/11 *3