



EMC Technologies Pty Ltd

ABN 82 057 105 549
Unit 3/87 Station Road
Seven Hills NSW 2147 Australia

Telephone +61 2 9624 2777
Facsimile +61 2 9838 4050
Email syd@emctech.com.au
www.emctech.com.au

**APPENDIX A
OF
TEST REPORT T71003_F**

MEASUREMENT INSTRUMENTATION DETAILS

FCC ID: TVN-MSTRP
Manufacturer: Magellan Technology Pty Limited
Test Sample: PJM Stack Tag Tunnel Reader
Model: MSTRP-5050
Serial No: Production Prototype

Date: 25th October 2007

Melbourne

176 Harrick Road
Keilor Park, Vic 3042
Tel: +61 3 9365 1000
Fax: +61 3 9331 7455

Sydney

Unit 3/87 Station Road
Seven Hills NSW 2147
Tel: +61 2 9624 2777
Fax: +61 2 9838 4050

Brisbane

1/15 Success Street
Acacia Ridge Qld 4110
Tel: +61 7 3875 2455
Fax: +61 7 3875 2466

Auckland (NZ)

47 MacKelvie Street
Grey Lynn Auckland
Tel: +64 9 360 0862
Fax: +64 9 360 0861

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	04/04/07	04/04/08	*1
Analyzer	HP 8593E, 9kHz – 26 GHz S/N 3249A00402	10/10/07	10/10/08	*2
Analyzer	HP 8591EM, 9kHz – 1.8 GHz S/N 3628A00892	04/09/07	04/09/08	*2
LISN Single Phase:	EMCO 3825/2 SN 94112274	12/12/06	12/12/07	*3
LISN Single Phase:	Rohde & Schwarz ESH3-Z5 S/N 832479/014	12/12/06	12/12/07	*3
Antenna	EMCO 6502 Active Loop S/N 6108-2660, 9 kHz – 30 MHz	02/02/07	02/02/08	*1
Antenna	EMCO 3110B Biconical S/N 9603-2350, 20-300 MHz	02/02/07	02/02/08	*3
Antenna	EMCO 3146 Log Periodic S/N 9603-4415, 300-1000MHz	02/02/07	02/02/08	*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	16/03/07	16/03/08	*3
Preamplifier	HP 8449B S/N: 3008A01113, 1-26.5GHz	05/02/07	05/02/08	*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.

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