

#### **EMC Technologies Pty Ltd**

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# APPENDIX A OF TEST REPORT T60643\_F

## MEASUREMENT INSTRUMENTATION DETAILS

FCC ID: TVN-MDR1109

Manufacturer: MAGELLAN TECHNOLOGY PTY LIMITED

Test Sample: MDR-1109 Desk Top Reader

Model: MDR-1109 Serial Number: 100132

**Date**: 19th July 2006

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Auckland (NZ)

### **APPENDIX A**

### **MEASUREMENT INSTRUMENTATION CALIBRATION DETAILS**

Equipment Type	Make/Model Serial Number	Last Cal. DD/MM/YY	Due Da DD/MM/	
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	27/09/05	27/09/06	*2
Analyzer	HP 8591EM, 9kHz – 1.8 GHz S/N 3628A00892	28/06/05	28/06/06	*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	26/09/05	26/09/06	*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	$7.23 \text{m} \times 4.83 \text{m} \times 2.45 \text{m}$	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