



EMC Technologies Pty Ltd

A.C.N. 057 105 549

**16/6 Gladstone Rd
Castle Hill, NSW 2154**

Ph: + 612 9899 4599

Fax: + 612 9899 4019

email: syd@emctech.com.au

HTTP: www.emctech.com.au

**APPENDIX A
OF
TEST REPORT T40452F**

Measurement Instrumentation

FCC ID: Q47-MCR200
Manufacturer: ERG Transit Systems
Test Sample: Contact less Smart Card Reader
Model: MCR200
Serial No: 0318111546

Date: 29th July 2004

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 S/N: 3549A00288	22/07/03	22/07/04 *2
	HP 8574B CISPR Receiver	26/7/04	26/7/05 *2
Analyser 9 kHz to 26 GHz	HP 8593E S/N 3249A00402	09/09/03	09/09/04 *2
LISN:	EMCO 3825/2 SN 94112274	02/12/03	02/12/04 *3
	Rohde & Schwarz ESH3-Z5 S/N 832479/014	15/04/04	15/04/05 *3
Antennas	EMCO 3146 Log Periodic S/N 9603-4415 300-1000MHz	17/03/04	17/03/05 *3
	EMCO 3110B Biconical S/N 9603-2350 20-300 MHz	17/03/04	17/03/05 *3
	EMCO 3115 Horn Antenna S/N: 3823 1-18GHz	30/01/02	30/01/05 *3
Preamplifier	PRA1G2-35B S/N 659 30 to 1000 MHz	17/10/03	17/10/04 *3

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)	12/11/03	12/11/04 *3