

EMC Technologies Report Number: M040222_Cert_Mace_Atheros_5.2

APPENDIX A – Measurement Instrumentation Details



APPENDIX A MEASUREMENT INSTRUMENTATION DETAILS

EQUIPMENT TYPE	MAKE/MODEL SERIAL NUMBER	LAST CAL. DD/MM/YY	DUE DATE DD/MM/YY	CAL. INTERVAL
EMI RECEIVER	HP 8574B System Components	12/02/03	12/02/04	1 YEAR *2
EMI RECEIVER	Rohde & Schwarz, Model ESIB40 SN 1088 7490, 20 Hz – 40 GHz	09/07/03	09/07/04	1 YEAR *3
EMI RECEIVER	Rohde & Schwarz, Model FSET22 SN 1080 3508, 100 Hz – 22 GHz	31/10/03	31/10/04	1 YEAR *3
RF PRE-SELECTOR	Rohde & Schwarz, Model FSET-Z22 SN 1070 2009, 100 Hz – 22 GHz	31/10/03	31/10/04	1 YEAR *3
ANTENNAS	EMCO 93110B BICONICAL 20 - 300 MHz Sn. 9804-3092	20/08/03	20/08/04	1 YEAR *1
	EMCO 93146A LOG PERIODIC 200 -1000MHz Sn. 5033	11/07/03	11/07/04	1 YEAR *1
	EMCO 3115 DOUBLE RIDGED HORN 1 - 18 GHz Sn: 8908-3282	29/01/03	29/01/04	1 YEAR *1
	EMCO 3116 Double Ridged Guide Horn 18 – 40 GHz Sn 2276	-----	-----	*4
LISN	EMCO 3825/2 50ohm / 50 microH 0.009 – 30MHz Sn.9607-2567	10/02/03	10/02/04	1 YEAR *1

Note *1. In-house calibration. Refer to Quality Manual.

Note *2. NATA calibration by Agilent Technologies (Aust) Pty Ltd

Note *3. NATA calibration by Rohde & Schwarz

Note *4. Manufacturer's calibration

TEST SITES

Shielded Room Test Laboratory	Melbourne 11m x 8m x 4m Chamber-semi-anechoic 8.8m x 5.8m x 3.1m Test Chamber 3.4m x 6.1m x 2.5m Test Chamber 3.4m x 7.3m x 7.5m Test Chamber	Feb 03 N/A N/A N/A	Feb 04 N/A N/A N/A	1 Year *1 N/A N/A N/A
Open Area Test Site	Melbourne 3/10 Metre site. 1-4 metre antenna mast. 1.2 metre/400 kg Turntable. (Situated at Lerderderg Gorge, near Bacchus Marsh, Victoria)	11/02/04	11/02/05	1 Year *1

Note *1. In-house calibration. Refer to Quality Manual.

