

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 I OF TEST REPORT T110542_F

GRAPHS OF EMI MEASUREMENT

FCC ID: TVN-STRP

Manufacturer: Magellan Technology Pty Limited

Test Samples: Tunnel Readers

Model Number: MSTRP-4040, MSTRP-5050 and MSTRP-6464

Serial Numbers: 9000182 and 9000790

Date: 16th September 2011

APPENDIX I

GRAPHS OF EMI MEASUREMENT

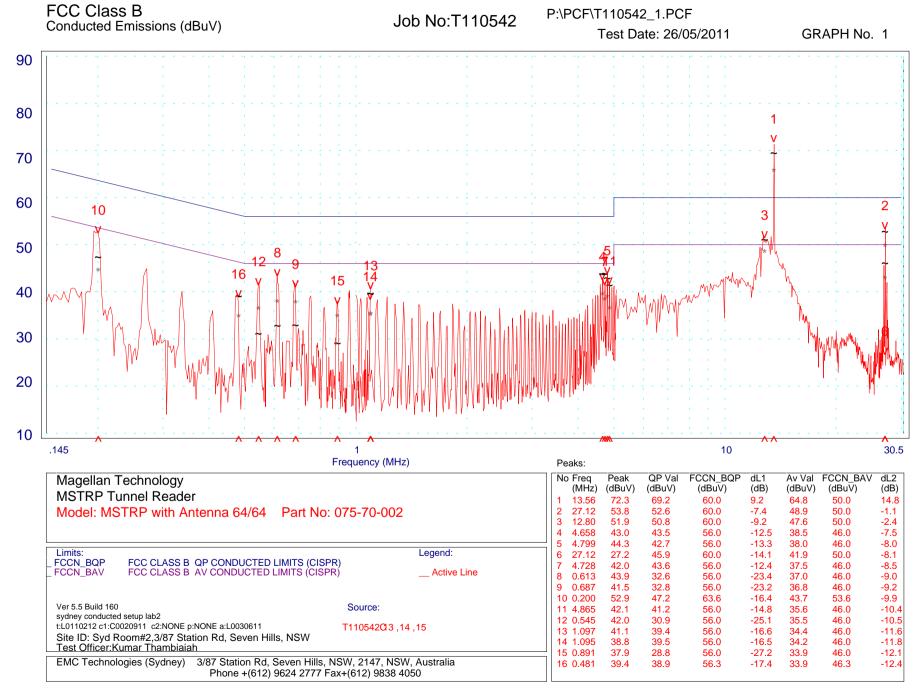
CONDUCTED EMI

Graph 1:	MSTRP with Antenna 64/64	Active Line	0.145 to 30.5MHz
Graph 2:	MSTRP with Antenna 64/64	Neutral Line	0.145 to 30.5MHz
Graph 3:	MSTRP with Antenna 50/50	Active Line	0.145 to 30.5MHz
Graph 4:	MSTRP with Antenna 50/50	Neutral Line	0.145 to 30.5MHz
Graph 5:	MSTRP with Antenna 40/40	Active Line	0.145 to 30.5MHz
Graph 6:	MSTRP with Antenna 40/40	Neutral Line	0.145 to 30.5MHz
Antenna Terminated Graph 7:	MSTRP with Antenna 50/50	Active Line	0.145 to 30.5MHz

Graph 7:	MSTRP with Antenna 50/50	Active Line	0.145 to 30.5MHz
Graph 8:	MSTRP with Antenna 50/50	Neutral Line	0.145 to 30.5MHz

RADIATED EMI

Graph 9:	MSTRP with Antenna 64/64	Carrier Loop Antenna Loop Antenna Vertical Polarisation Horizontal Polarisation	13.11 to 14.01MHz
Graph 10:	MSTRP with Antenna 64/64		9 kHz to 30 MHz
Graph 11:	MSTRP with Antenna 64/64		9 kHz to 30 MHz
Graph 12:	MSTRP with Antenna 64/64		30 to 1000MHz
Graph 13:	MSTRP with Antenna 64/64		30 to 1000MHz
Graph 14:	MSTRP with Antenna 50/50	Carrier Loop Antenna Loop Antenna Vertical Polarisation Horizontal Polarisation	13.11 to 14.01MHz
Graph 15:	MSTRP with Antenna 50/50		9 kHz to 30 MHz
Graph 16:	MSTRP with Antenna 50/50		9 kHz to 30 MHz
Graph 17:	MSTRP with Antenna 50/50		30 to 1000MHz
Graph 18:	MSTRP with Antenna 50/50		30 to 1000MHz
Graph 19:	MSTRP with Antenna 40/40	Carrier Loop Antenna Loop Antenna Vertical Polarisation Horizontal Polarisation	13.11 to 14.01MHz
Graph 20:	MSTRP with Antenna 40/40		9 kHz to 30 MHz
Graph 21:	MSTRP with Antenna 40/40		9 kHz to 30 MHz
Graph 22:	MSTRP with Antenna 40/40		30 to 1000MHz
Graph 23:	MSTRP with Antenna 40/40		30 to 1000MHz



EMC Technologies Pty. Ltd. - Global Product Certification

