

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 K OF TEST REPORT T080316_F

GRAPHS OF EMI MEASUREMENT

FCC ID: TVN-MARS-24E

Manufacturer: Magellan Technology Pty Limited Test Sample: MARS-24 RFID Desktop Reader

Model: MARS-24E Serial Number: 7014360 Part Number 63-70-034

Date: 20th May 2008

Fax: +61 7 3875 2466

Auckland (NZ)

APPENDIX K

GRAPHS OF EMI MEASUREMENT

CONDUCTED

Antenna Connected:

Graph 1: Active Line 0.145 to 30.5 MHz

Graph 2: Neutral Line 0.145 to 30.5 MHz

Antenna Terminated:

Graph 3: Active Line 5 to 30.5 MHz

Graph 4: Neutral Line 5 to 30.5 MHz

RADIATED EMI

Graph 5: Magnetic Loop Antenna 9 kHz to 30 MHz

Graph 6: Carrier 13.56 MHz 13.552 to 13.568 MHz

Graph 7: Vertical Antenna Polarisation 30 to 1000 MHz

Graph 8 Horizontal Antenna Polarisation 30 to 1000 MHz















