



Global Product Certification  
EMC-EMF Safety Approvals

**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**

Timco Engineering, Inc  
TCB Application Form 731

20<sup>th</sup> May 2008

**Application for FCC Certification Part 15 Class B**

Dear Sir or Madam:

Please accept our application for FCC Certification Part 15 Class B, low power intentional radiation device. This product has been submitted earlier. Some changes on the PCB board were made to increase the output power. The device is a multiple antenna reader system which works on 13.56 MHz. Request for Confidentiality is requested for the following files:  
CONF T080316\_APPENDIX E\_Block Diagram.pdf  
CONF T080316\_APPENDIX F\_Test Sample Schematic.pdf  
CONF T080316\_APPENDIX G\_Test Sample PCB Layouts.pdf  
EMC Technologies Pty Ltd is acting as agent for Magellan Technology during this product approval.  
Test Sample: MARS-24 RFID Desktop Reader  
Model Number: MARS-24E  
FCC ID: TVN-MARS-24E  
FRN Number: 0015203391

PDF-Files Submitting with this application:

731_TCB_Rev_22Jun04.doc	731 Form
T080316_F.pdf	Main Report
AUTHORITY TO ACT AS AGENT_FCC.pdf	Authority to act as agent
Attestation letter.pdf	Attestation letter DoC for computer peripheral
Confidentiality Request_FCC.pdf	Request for confidentiality for FCC Certification
T080316_APPENDIX A_Measurement Instrumentation Details.pdf	Appendix A Instrumentation Details
T080316_APPENDIX B_Photos Test Setup.pdf	Appendix B Photos Test set up
T080316_APPENDIX C_Photos Test Sample Exterior.pdf	Appendix C Photos external
T080316_APPENDIX D_Photos Test Sample Interior.pdf	Appendix D Photos internal
CONF T080316_APPENDIX E_Block Diagram.pdf	Appendix E Block Diagram, Confidentiality Requested
CONF T080316_APPENDIX F_Test Sample Schematic.pdf	Appendix F Test Sample Schematic, Confidentiality Requested
CONF T080316_APPENDIX G_Test Sample PCB Layouts.pdf	Appendix G Test Sample PCB Layout, Confidentiality Requested
T080316_APPENDIX H_Test Sample Test Plan.pdf	Appendix H Test Plan
T080316_APPENDIX I_Labelling_Location.pdf	Appendix I Labelling Location
T080316_APPENDIX K_Graphs of Emi Measurement.pdf	Appendix K Graphs of Measurements
T080316_APPENDIX L_User Manual.pdf	Appendix L User Manual
T080316_APPENDIX M_Operational Description.pdf	Appendix M Operational Description
T080316_APPENDIX N_Reader Manager Guide.pdf	Appendix N Reader Manager Guide

Best regards,

*Ch. Kai*

Christian Kai  
Facility Manager  
EMC Technologies Pty Ltd

**Melbourne**  
176 Harrick Rd  
Keilor Park Vic 3042  
Tel: +61 3 9365 1000  
Fax: +61 3 9331 7455

**Sydney**  
Unit 3/87 Station Road  
Seven Hills NSW 2147  
Tel: +61 2 9624 2777  
Fax: +61 2 9838 4050

**Brisbane**  
1/15 Success Street  
Acacia Ridge Qld 4110  
Tel: +61 7 3875 2455  
Fax: +61 7 3875 2466

**Auckland (NZ)**  
47 MacKelvie Street  
Grey Lynn Auckland  
Tel: +64 9 360 0862  
Fax: +64 9 360 0861