

## APPENDIX A OF TEST REPORT T60643\_F

### MEASUREMENT INSTRUMENTATION DETAILS

**FCC ID:** TVN-MDR1109  
**Manufacturer:** MAGELLAN TECHNOLOGY PTY LIMITED  
**Test Sample:** MDR-1109 Desk Top Reader  
**Model:** MDR-1109  
**Serial Number:** 100132

**Date:** 19<sup>th</sup> July 2006

**APPENDIX A****MEASUREMENT INSTRUMENTATION CALIBRATION DETAILS**

| <b>Equipment Type</b> | <b>Make/Model<br/>Serial Number</b>                      | <b>Last Cal.<br/>DD/MM/YY</b> | <b>Due Date<br/>DD/MM/YY</b> |
|-----------------------|----------------------------------------------------------|-------------------------------|------------------------------|
| EMI Receivers         | HP8546A CISPR Receiver,<br>9kHz -6GHz<br>S/N: 3549A00288 | 11/07/06                      | 11/07/07 *2                  |
| EMI Receiver          | ESCI Rohde Schwarz, 9kHz – 3GHz<br>S/N: 100011           | 31/03/06                      | 31/03/07 *1                  |
| Analyzer              | HP 8593E, 9kHz – 26 GHz<br>S/N 3249A00402                | 27/09/05                      | 27/09/06 *2                  |
| Analyzer              | HP 8591EM, 9kHz – 1.8 GHz<br>S/N 3628A00892              | 28/06/05                      | 28/06/06 *2                  |
| LISN Single Phase:    | EMCO 3825/2 SN 94112274                                  | 16/01/06                      | 16/01/07 *3                  |
| LISN Single Phase:    | Rohde & Schwarz ESH3-Z5<br>S/N 832479/014                | 18/01/06                      | 18/01/07 *3                  |
| Antenna               | EMCO 6502 Active Loop<br>S/N 6108-2660, 9 kHz – 30 MHz   | 29/07/05                      | 29/07/08 *1                  |
| Antenna               | EMCO 3110B Biconical<br>S/N 9603-2350, 20-300 MHz        | 06/02/06                      | 06/02/07 *3                  |
| Antenna               | EMCO 3146 Log Periodic<br>S/N 9603-4415, 300-1000MHz     | 06/02/06                      | 06/02/07 *3                  |
| Antenna               | EMCO 3115 Horn Antenna<br>S/N: 3823, 1-18GHz             | 14/02/05                      | 14/02/08 *3                  |
| Preamplifier          | PRA1G2-35B<br>S/N 659, 30 to 1000 MHz                    | 26/09/05                      | 26/09/06 *3                  |
| Preamplifier          | HP 8449B<br>S/N: 3008A01113, 1-26.5GHz                   | 09/01/06                      | 09/01/07 *3                  |
| 60Hz Power Source     | California Instrument, 5001 ix, S/N<br>57006             | 15/05/06                      | 15/05/07 *1                  |

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**

| <b>Equipment Type</b>             | <b>Make/Model<br/>Serial Number</b>                                                                               | <b>Last Cal.<br/>DD/MM/YY</b> | <b>Due Date<br/>DD/MM/YY</b> |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------|
| Shielded Room/<br>Test Laboratory | 7.23m × 4.83m × 2.45m                                                                                             | N/A                           | N/A                          |
| Open Area Test Site<br>(OATS)     | 3/10/30 metre site.<br>1-4 metre antenna mast.<br>1.2 metre/1.2 Tonne turntable.<br>(Situated at Upper Colo, NSW) | 07/12/06                      | 07/12/07 *3                  |