# **Schedule of Accreditation**

issued by

**United Kingdom Accreditation Service** 

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



### Flexible Scope

The Flexible Scope applies to the laboratory's accreditation to ISO/IEC17025:2017 for Civil and Military EMC testing activities in accordance with the standards listed on the schedule for EMC Testing, carried out at site A.

The scope may also include tests on the same or similar product types against standards, or customer-specified methods that are not specifically listed in this Schedule, providing that:

(1) The method or standard does not introduce new principles of measurement.

(2) The method or standard does not require measurements to be made outside the parametric boundaries defined in this Schedule.

Information about flexible scopes of accreditation is available in UKAS document GEN 4.

#### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

| Location details  |   | Activity              | Location code |
|---|---|-----------------------|---------------|
| Address<br>Trafalgar Close<br>Chandler's Ford<br>Eastleigh<br>Hampshire<br>SO53 4BW | Local contact<br>Mr Daniel Tiroke<br>Tel: +44 (0)23 8027 1111<br>Fax: +44 (0)23 8027 1144<br>Email: daniel.tiroke@cpt.eurofinseu.com<br>Website: www.eurofins.co.uk/hursley | EMC and Radio Testing | A             |

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| 1871                                | Issue No: 079 Issue date: 13 June 2025   |  |
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| Materials/Products tested  | Type of test/Properties<br>measured/Range of measurement                                 | Standard specifications/<br>Equipment/Techniques used   | Location<br>Code |
|--|--|---|------------------|
| Computers and Peripherals<br>Domestic Appliances:<br>Electrical<br>Electrical/Electronic Products<br>Electro-Mechanical Devices<br>IT Equipment<br>Measuring Equipment<br>Medical/Dental Equipment<br>Office Equipment: Electrical<br>Radio and TV Equipment<br>Security Equipment<br>Telecommunications<br>Equipment Luminaires | <ol> <li>CIVIL EMC TESTS</li> <li>1.1 Conducted Emissions<br/>9 kHz to 30 MHz</li> </ol> | EN 55011:2009 + A1:2010<br>EN 55011:2016<br>EN 55011:2016 + A1:2017<br>+ A2: 2021<br>CISPR 11:2009 + A1:2010<br>CISPR 11:2015 + A1:2016<br>+ A2:2020<br>CISPR 11:2024<br>EN 55014-1:2024<br>EN 55014-1:2017<br>EN 55014-1:2017<br>EN 55014-1:2017 + A11:2020<br>CISPR 14-1:2015<br>+ A1:2008 + A2:2011<br>CISPR 14-1:2016<br>CISPR 14-1:2020<br>EN IEC 55014-1:2021 | A                |
|  | LISN Method and Annex B<br>method in place of radiated<br>emissions                      | EN 55015:2013<br>EN 55015:2013 + A1:2015<br>CISPR 15:2013 + A1:2015<br>CISPR 15:2018<br>EN IEC 55015:2019<br>+ A11:2020<br>EN 55022:2010<br>CISPR 22:2008<br>FCC/CFR 47:Part 15<br>FCC/CFR 47:Part 15<br>FCC/CFR 47:Part 18<br>ANSI C63.4:2014<br>+ 4a:2017<br>ICES-001 Issue 5<br>ICES-003 Issue 7   |                  |

## DETAIL OF ACCREDITATION

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|---------------------------|--|--|------------------|
| As listed on Page 2       | <ol> <li>CIVIL EMC TESTS</li> <li>1.1 Conducted Emissions<br/>9 kHz to 30 MHz</li> </ol> | EN 55032:2012<br>EN 55032:2015<br>(excluding outdoor home<br>satellite receivers)<br>EN 55032:2015 + A11:2020<br>(excluding outdoor home<br>satellite receivers)<br>EN 55032:2015 + A1:2020<br>(excluding outdoor home<br>satellite receivers)<br>CISPR 32:2015<br>(excluding outdoor home<br>satellite receivers)<br>CISPR 32:2015 + A1:2019<br>(excluding outdoor home | A                |
|                           | 1.2 Radiated Emissions<br>Electric Field<br>30 MHz to 40 GHz                             | Satellite receivers)<br>EN 55011:2009 + A1:2010<br>EN 55011:2016<br>EN 55011:2016 + A1:2017<br>+ A2:2021 (excluding APD<br>measurements)<br>CISPR 11:2009 + A1:2010<br>CISPR 11:2015 + A1:2016<br>+ A2:2020 (excluding APD<br>measurements)<br>CISPR 14:2024   | A                |
|                           | Magnetic Field<br>10 kHz to 30 MHz   | CISPR 11:2024<br>EN 55014-1:2006<br>+ A1:2009 + A2:2011<br>EN 55014-1:2017<br>EN 55014-1:2017 + A11:2020<br>CISPR 14-1:2016<br>CISPR 14-1:2020<br>EN IEC 55014-1:2021  |                  |

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| Materials/Products tested | Type of test/Properties<br>measured/Range of measurement  | Standard specifications/<br>Equipment/Techniques used  | Location<br>Code |
|---------------------------|---|--|------------------|
| As listed on Page 2       | 1 CIVIL EMC TESTS<br>Magnetic Field LLA<br>9 kHz to 30 MHz  | EN 55015:2013<br>EN 55015:2013 + A1:2015<br>CISPR 15:2013 + A1:2015<br>EN 55015:2019<br>CISPR 15:2018<br>EN IEC 55015:2019<br>+ A11:2020   |                  |
|                           | <ul><li>1.2 Radiated Emissions (cont'd)</li><li>Electric Field</li><li>30 MHz to 40 GHz</li></ul> | EN 55022:2010<br>CISPR 22:1985 + 1993<br>+ A1:1995 + A2:1996<br>CISPR 22:2008  | A                |
|                           |   | FCC/CFR 47:Part 15<br>FCC/CFR 47:Part 18<br>ANSI C63.4:2014<br>+ 4a:2017   |                  |
|                           |   | ICES-001 Issue 5<br>ICES-003 Issue 7   |                  |
|                           |   | EN 55032:2012<br>EN 55032:2015<br>(excluding outdoor home<br>satellite receivers)<br>EN 55032:2015 + A11:2020<br>(excluding outdoor home<br>satellite receivers)<br>EN 55032:2015 + A1:2020<br>(excluding outdoor home<br>satellite receivers) |                  |
|                           |   | CISPR 32:2015<br>(excluding outdoor home<br>Satellite receivers)<br>CISPR 32:2015 + A1:2019<br>(excluding outdoor home<br>Satellite receivers)   |                  |
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| Materials/Products tested | Type of test/Properties<br>measured/Range of measurement                            | Standard specifications/<br>Equipment/Techniques used  | Location<br>Code |
|---------------------------|---|--|------------------|
| As listed on Page 2       | CIVIL EMC TESTS (cont'd)  |  |                  |
|                           | <ul><li>1.3 Discontinuous Emissions<br/>(Clicks)</li><li>10 kHz to 30 MHz</li></ul> | EN 55014-1:2006<br>+ A1:2009 + A2:2011<br>EN 55014-1:2017<br>EN 55014-1:2017 + A11:2020<br>CISPR 14-1:2005<br>+ A1:2008 + A2:2011<br>CISPR 14-1:2016<br>CISPR 14-1:2020<br>EN IEC 55014-1:2021 | A                |
|                           | <ul><li>1.4 Interference Power<br/>Measurements<br/>30 MHz to 300 MHz</li></ul>     | EN 55014-1:2006<br>+ A1:2009 + A2:2011<br>EN 55014-1:2017<br>EN 55014-1:2017 + A11:2020<br>CISPR 14-1:2005<br>+ A1:2008 + A2:2011<br>CISPR 14-1:2016<br>CISPR 14-1:2020<br>EN IEC 55014-1:2021 | A                |
|                           | 1.5 Conducted RF Immunity<br>150 kHz to 230 MHz<br>up to 10 Vrms                    | EN 61000-4-6:2014<br>IEC 61000-4-6:2013<br>EN IEC 61000-4-6:2023   | A                |
|                           | 1.6 Radiated RF Immunity<br>26 MHz to 1 GHz @ 20V/m<br>1 GHz to 6 GHz @ 10V/m       | EN 61000-4-3:2006<br>+ A1:2008 + A2:2010<br>IEC 61000-4-3:2006<br>+ A1:2007 + A2:2010<br>EN IEC 61000-4-3:2020   | A                |
|                           | 1.7 Immunity to Fast Transients/<br>Bursts<br>up to 4.5 kV                          | EN 61000-4-4:2012<br>IEC 61000-4-4:2012  | A                |
|                           | 1.8 Immunity to Mains Surge<br>up to 6 kV   | EN 61000-4-5:2014<br>+ A1:2017<br>IEC 61000-4-5:2014<br>+ A1:2017  | A                |

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| Materials/Products tested | Type of test/Properties<br>measured/Range of measurement  | Standard specifications/<br>Equipment/Techniques used  | Location<br>Code |
|---------------------------|---|--|------------------|
| As listed on Page 2       | CIVIL EMC TESTS (cont'd)  |  |                  |
|                           | <ul> <li>1.9 Mains Harmonic Emissions</li> <li>50 Hz to kHz</li> <li>≤ A 16 single phase</li> </ul> | EN 61000-3-2:2014<br>IEC 61000-3-2:2013<br>EN IEC 61000-3-2:2019<br>EN IEC 61000-3-2:2019<br>+ A1:2021 + A2:2024<br>IEC 61000-3-2:2018<br>+ A2:2024                              | A                |
|                           | 1.10 Mains Flicker Emissions<br>≤ A 16 single phase   | EN 61000-3-3:2013<br>+ A1:2019<br>EN 61000-3-3:2013<br>+ A1:2019 + A2:2021<br>IEC 61000-3-3:2013<br>IEC 61000-3-3:2013<br>+ A1:2017<br>IEC 61000-3-3:2013<br>+ A1:2017 + A2:2021 | A                |
|                           | 1.11 Electrostatic Discharge<br>up to 30 kV   | EN 61000-4-2:2009<br>IEC 61000-4-2:2008<br>EN IEC 61000-4-2:2025   | A                |
|                           | 1.12 Voltage Dips, Interruptions<br>and Variations  | EN 61000-4-11:2004<br>EN 61000-4-11:2004<br>+ A1:2017<br>IEC 61000-4-11:2004<br>+ A1:2017<br>EN IEC 61000-4-11:2020  | A                |
|                           | 1.13 Power-Frequency Magnetic<br>Fields (Immunity)<br>Field strength: up to 30 A/m                  | EN 61000-4-8:2010<br>IEC 61000-4-8:2009  | A                |
|                           | 1.14 Pulse Magnetic<br>Immunity<br>Field strength: 1000 A/m   | EN 61000-4-9:2016<br>IEC 61000-4-9:2016  | A                |
|                           |   |  | L                |

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| Materials/Products tested   | Type of test/Properties<br>measured/Range of measurement   | Standard specifications/<br>Equipment/Techniques used  | Location<br>Code |
|---|--|--|------------------|
| As listed on Page 2   | CIVIL EMC TESTS (cont'd)<br>1.16 Interharmonic immunity  | EN 61000-4-13:2003<br>+ A2:2016<br>IEC 61000-4-13:2002<br>+ A1:2009 + A2:2015  | A                |
|   | 1.17. Immunity to conducted,<br>common mode disturbances<br>0 Hz to 150 kHz                                    | EN 61000-4-16:2016   | A                |
|   | <ul><li>1.18 Immunity to Close Proximity<br/>Radiated Fields</li><li>30 kHz, 134.2 kHz and 13.56 MHz</li></ul> | EN 61000-4-39:2017<br>(methods covering spot<br>frequencies as required in<br>EN 60601-1-2:2015<br>+ A1:2021<br>IEC 60601-1-2:2014<br>+ A1:2020    | A                |
| Household Products<br>Luminaires  | 1.19 Electro-Magnetic field<br>emissions relating to Human<br>Exposure<br>10 Hz to 10 MHz                      | EN 62233:2008<br>Time Domain Evaluation<br>Method  | A                |
| Electrical / electronic<br>equipment mounted in ships<br>where Compass is present | 1.20 Compass Safe Distance   | IEC 60945:2002<br>EN 60945:2002  | A                |
| Maritime Navigation and<br>Radio Communication<br>Equipment                       | 1.21 EMC Tests   | IEC 60945:2002 Ed.4<br>EN 60945:2002 Ed 4<br>DNVGL-CG-0339:2015<br>DNVGL-CG-0339:2019<br>IEC 60533:2015<br>IEC 60092-504:2016<br>IACS UR-E10 Rev.7 | A                |

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|---------------------------|--|---|----------|
|                           | measured/Range of measurement  | Equipment/Techniques used   | Code     |
| As listed on Page 2       | 1.22 EMC Tests<br>These generic and product specific<br>standards are included but limited<br>to those referenced standards that<br>are explicitly listed in Sections 1.1<br>to 1.21 of this Schedule. | EN 61000-6-1:2007<br>IEC 61000-6-1:2019<br>EN IEC 61000-6-2:2016<br>EN IEC 61000-6-2:2016<br>EN IEC 61000-6-2:2019<br>EN 61000-6-3:2007<br>+ A1:2011<br>EN IEC 61000-6-3:2021<br>EN 61000-6-4:2007<br>+ A1:2011<br>IEC 61000-6-4:2006<br>+ A1:2010<br>EN IEC 61000-6-4:2019<br>IEC 61000-6-4:2018<br>EN IEC 61000-6-8:2020<br>EN 55024:2010<br>excluding Psophometric tests<br>EN 55014-1:2017<br>CISPR 14-1:2005<br>+ A1:2008 + A2:2011<br>CISPR 14-1:2020<br>EN IEC 55014-1:2021<br>EN 55014-2:2015<br>CISPR 14-2:2015<br>CISPR 14-2:2020<br>EN IEC 55014-2:2021<br>EN 60335-1:2012<br>+ A11, A13, A1, A14, A2,<br>A15:2021<br>(EMC only – Clause 19 tests)<br>IEC 60335-1:2020<br>(EMC only – Clause 19 tests)<br>IEC 60335-1:2020<br>(EMC only – Clause 19 tests)<br>IEC 60335-1:2020<br>(EMC only – Clause 19 tests) | A        |

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|                           | measured/Range of measurement                       | Equipment/Techniques used   | Code     |
| As listed on Page 2       | CIVIL EMC TESTS (cont'd)<br>1.22 EMC Tests (cont'd) | EN 60601-1-2:2007<br>EN 60601-1-2:2015<br>EN 60601-1-2:2014<br>IEC 60601-1-2:2014<br>IEC 60601-1-2:2014<br>+ A1:2020<br>IEC TR 60601-4-2:2016<br>EN 61204-3:2000<br>EN IEC 61204-3-2018<br>EN 61326-1:2013<br>EN IEC 61326-2:2021<br>EN 61326-2-6:2013<br>EN 61326-2-6:2013<br>EN 61326-2-6:2021<br>ETSI EN 301 489-1: V2.2.3<br>ETSI EN 301 489-3: V2.3.2<br>ETSI EN 301 489-3: V2.3.2<br>ETSI EN 301 489-17: V3.2.4<br>EN 50130-4:2011 + A1:2014<br>EN 50293:2012<br>EN 60730-1:2001 Sections 26<br>EN 60669-2-1:2004<br>Section 26<br>EN 60669-2-1:2004<br>+ A12:2011<br>EN IEC 60669-2-1:2022<br>+ A11:22 Section 26<br>IEC 60669-2-1:2021<br>Section 26<br>EN 61547:2009<br>IEC 61547:2020<br>EN 1EC 61547:2023<br>IEC 61547:2020<br>EN 50270:2015 (excluding DC<br>power port EN 61000-4-29<br>tests) | A        |

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|---------------------------|---|---|------------------|
| As listed on Page 2       | CIVIL EMC TESTS (cont'd)<br>1.22 EMC Tests (cont'd)   | KS C 9832:2024<br>KS C 9835:2019 (excluding<br>psophometric tests)<br>KS C 9610-6-1:2019<br>KS C 9610-6-2:2019<br>KS C 9610-6-3:2023<br>KS C 9610-6-4:2017<br>KS C 9811:2019<br>KS C 9814-1:2022<br>KS C 9814-2:2022<br>KS C 9814-2:2022<br>KS C IEC 60601-1-2:2020<br>KN 9547:2020<br>SANS 2332:2017<br>SANS 2335:2018<br>SANS 61326-1:2007<br>SANS 61000-3-2:2009<br>(Ed:3.02)<br>SANS 61000-3-3:2007<br>(Ed:2.00)<br>SANS 61000-3-3:2007<br>(Ed:2.00)<br>SANS 211:2010 (Ed:4.1)<br>CISPR 35:2016<br>EN 55035:2017 + A11:2020<br>EN 50121-3-2:2016 + A1:2019<br>EN 50121-4:2016 + A1:2019 |                  |
| As listed on Page 2       | <ul> <li>2 MILITARY AND<br/>AEROSPACE EMC TESTS</li> <li>2.1 Conducted Emissions:<br/>Power, Control and Signal<br/>Leads: DC to 400 MHz</li> </ul> | DEF STAN 59-41:Issue 5,<br>DCE01 and DCE02<br>DEF STAN 59-41:Part 3,<br>Section 3, Issue 1:2003<br>DCE01 and DCE02<br>RTCA/DO-160D,<br>E, F and G:Section 21  | A                |

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|---------------------------|---|--|------------------|
| As listed on Page 2       | 2 MILITARY AND<br>AEROSPACE EMC TESTS<br>(cont'd)                             |  |                  |
|                           | 2.1 Conducted Emissions:<br>Power, Control and Signal<br>Leads: DC to 400 MHz | DEF STAN 59-411 Part 3 Iss 1<br>DCE01.B, DCE02.B<br>DEF STAN 59-411 Part 3 Iss 2<br>DCE01.B, DCE02.B<br>DEF STAN 59-411 Part 3 Iss 3<br>DCE01.B, DCE02.B<br>MIL STD 461D, E, F, G<br>CE 101 & CE 102<br>AECTP 500 Edition E<br>NCE01 and NCE02, NCE05  | A                |
|                           | 2.2 Radiated Emissions:<br>Electric Field:<br>10 kHz to 18 GHz                | DEF STAN 59-41:Issue 5,<br>DRE01<br>DEF STAN 59-41:Part 3,<br>Section 3, Issue 1:2003<br>DRE01<br>RTCA/DO-160D,<br>E. F and G:Section 21<br>DEF STAN 59-411 Part 3 Iss 1<br>DRE01.B<br>DEF STAN 59-411 Part 3 Iss 2<br>DRE01.B<br>DEF STAN 59-411 Part 3 Iss 3<br>DRE01.B<br>MIL STD 461D, E, F, G<br>RE 102 & RE103<br>AECTP 500 Edition E<br>NRE02 | A                |

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| TESTING                             | Eurofins Electrical & Electronic UK Limited  |
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|---------------------------|--|---|------------------|
| As listed on Page 2       | 2 MILITARY AND<br>AEROSPACE EMC TESTS<br>(cont'd)                                      |   |                  |
|                           | <ul><li>2.3 Radiated Emissions:<br/>Magnetic Field:</li><li>20 Hz to 100 kHz</li></ul> | DEF STAN 59-41:Issue 5,<br>DRE02<br>DEF STAN 59-41:Part 3,<br>Section 3, Issue 1:2003<br>DRE02<br>RTCA/DO-160D, E & F         | A                |
|                           |  | and G:Section 21  |                  |
|                           |  | DEF STAN 59-411 Part 3 Iss 1<br>DRE02.B<br>DEF STAN 59-411 Part 3 Iss 2<br>DRE02.B<br>DEF STAN 59-411 Part 3 Iss 3<br>DRE01.B |                  |
|                           |  | MIL STD 461D, E, F, G<br>RE101  |                  |
|                           |  | AECTP 500 Edition E<br>NRE01  |                  |
|                           | 2.4 Exported Transients<br>Power Lines   | DEF STAN 59-41:Issue 5<br>DCE03<br>DEF STAN 59-41:Part 3,<br>Section 3, Issue 1:2003<br>DCE03                                 | A                |
|                           |  | DEF STAN 59-411 Part 3 Iss 1<br>DCE03<br>DEF STAN 59-411 Part 3 Iss 2<br>DCE03<br>DEF STAN 59-411 Part 3 Iss 3<br>DCE03       |                  |
|                           |  | AECTP 500 Edition E<br>NCE04  | A                |
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|---------------------------|---|---|------------------|
| As listed on Page 2       | 2 MILITARY AND<br>AEROSPACE EMC TESTS<br>(cont'd)   |   |                  |
|                           | 2.5 Conducted<br>Susceptibility:<br>Primary Power Lines,<br>20 Hz to 50 kHz   | DEF STAN 59-41:Issue 5<br>DCS01<br>DEF STAN 59-41:Part 3,<br>Section 3, Issue 1:2003<br>DCS01<br>DEF STAN 59-411 Part 3 Iss 1<br>DCS01.B<br>DEF STAN 59-411 Part 3 Iss 2<br>DCS01.B<br>DEF STAN 59-411 Part 3 Iss 3<br>DCS01.B<br>MIL STD 461D, E, F, G<br>CS101<br>AECTP 500 Edition E<br>NCS01  | A                |
|                           | <ul> <li>2.6 Conducted<br/>Susceptibility: Power,<br/>Control and Signal<br/>Lines including Bulk<br/>Current Injection</li> <li>10 kHz to 400 MHz</li> </ul> | <ul> <li>DEF STAN 59-41:Issue 5<br/>DCS02 and DCS03</li> <li>DEF STAN 59-41:Part 3,<br/>Section 3, Issue 1:2003<br/>DCS02 and DCS03</li> <li>DEF STAN 59-411 Part 3 Iss 1<br/>DCS02.B &amp; DCS03.B</li> <li>DEF STAN 59-411 Part 3 Iss 2<br/>DCS02.B &amp; DCS03.B</li> <li>DEF STAN 59-411 Part 3 Iss 3<br/>DCS02.B &amp; DCS03.B</li> <li>MIL STD 461D, E &amp; F<br/>CS106,<br/>MIL STD 461D, E, F, G<br/>CS109, CS114 &amp; CS 115</li> <li>AECTP 500 Edition E<br/>NCS02, NCS06, NCS07,<br/>NCS08, NCS13</li> </ul> | A                |

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|                                     | Testing performed by the Organisation at the locations specified   |

| Materials/Products tested | Type of test/Properties<br>measured/Range of measurement   | Standard specifications/<br>Equipment/Techniques used   | Location<br>Code |
|---------------------------|--|---|------------------|
| As listed on Page 2       | 2 MILITARY AND<br>AEROSPACE EMC TESTS<br>(cont'd)  |   |                  |
|                           | <ul><li>2.7 Damped Sinusoidal Transients<br/>Cables and Power Leads</li><li>10 kHz to 100 MHz</li></ul>  | MIL STD 461D, E, F, G<br>CS 116<br>AECTP 500 Edition E<br>NCS09   | A                |
|                           | <ul> <li>2.8 Radiated Susceptibility:<br/>Magnetic (H) Field:</li> <li>20 Hz to 100 kHz</li> </ul>   | DEF STAN 59-41:Issue 5<br>DRS01<br>DEF STAN 59-41:Part 3,<br>Section 3, Issue 1:2003<br>DRS01                                 | A                |
|                           |  | DEF STAN 59-411 Part 3 Iss 1<br>DRS01.B<br>DEF STAN 59-411 Part 3 Iss 2<br>DRS01.B<br>DEF STAN 59-411 Part 3 Iss 3<br>DRS01.B |                  |
|                           |  | MIL STD 461D, E, F, G<br>RS101<br>AECTP 500 Edition E<br>NRS01  |                  |
|                           | <ul> <li>2.9 Radiated Susceptibility:<br/>Electric (E) Field:</li> <li>150 kHz to 2 MHz</li> <li>Maximum Field</li> <li>Strength: 20 V/m</li> <li>2 MHz to 18 GHz</li> </ul> | DEF STAN 59-41:Issue 5<br>DRS02.3<br>DEF STAN 59-41:Part 3,<br>Section 3, Issue 1:2003<br>DRS02.3                             | A                |
|                           | Maximum Field<br>Strength: 50 V/m  | DEF STAN 59-411 Part 3 Iss 1<br>DRS02.B<br>DEF STAN 59-411 Part 3 Iss 2<br>DRS02.B<br>DEF STAN 59-411 Part 3 Iss 3<br>DRS02.B |                  |

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| Materials/Products tested | Type of test/Properties<br>measured/Range of measurement  | Standard specifications/<br>Equipment/Techniques used  | Location<br>Code |
|---------------------------|---|--|------------------|
| As listed on Page 2       | <ul> <li>2 MILITARY AND<br/>AEROSPACE EMC TESTS<br/>(cont'd)</li> <li>2.9 Radiated Susceptibility:<br/>Electric (E) Field:<br/>150 kHz to 2 MHz<br/>Maximum Field<br/>Strength: 20 V/m<br/>2 MHz to 18 GHz<br/>Maximum Field<br/>Strength: 50 V/m<br/>(cont'd)</li> </ul> | MIL STD 461D, E, F, G<br>RS103<br>AECTP 500 Edition E<br>NRS02   | A                |
|                           | 2.10 Electrostatic Discharge  | DEF STAN 59-41:Issue 5,<br>DCS10<br>DEF STAN 59-41:Part 3,<br>Section 3, Issue 1:2003<br>DCS10<br>DEF STAN 59-411 Part 3 Iss 1<br>DCS10.B<br>DEF STAN 59-411 Part 3 Iss 2<br>DCS10.B<br>MIL STD 461G, CS118<br>RTCA DO 160D, E, F, G<br>Section 25<br>AECTP 500 Edition E<br>NCS12 | A                |

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| Materials/Products tested   | Type of test/Properties<br>measured/Range of measurement                  | Standard specifications/<br>Equipment/Techniques used  | Location<br>Code |
|---|---|--|------------------|
| As listed on Page 2   | 2 MILITARY AND<br>AEROSPACE EMC TESTS<br>(cont'd)                         |  |                  |
|   | 2.11 Magnetic Field (DC)<br>Susceptibility<br>4000 A/m                    | DEF STAN 59-411:Part 3 Iss 1<br>DRS03<br>DEF STAN 59-411:Part 3 Iss 2<br>DRS03<br>DEF STAN 59-411:Part 3 Iss 3<br>DRS03<br>AECTP 500 Edition E | A                |
|   |   | NRS04  |                  |
|   | 2.12 Compass safe distance  | DO 160E, F, G Section 15   | A                |
|   | 3 RADIO TESTING   |  |                  |
| Data transmission equipment<br>operating in the 2,4 GHz ISM<br>band                                   | Transmitter unwanted emissions in the spurious domain 30 MHz to 12.75 GHz | ETSI EN 300 328 V2.2.2<br>Clause 5.4.9   | A                |
| Short Range Devices (SRD)<br>operating in the frequency<br>range 25 MHz to 1 000 MHz;                 | Transmitter unwanted emissions in spurious domain                         | ETSI EN 300 220-1 V3.1.1<br>Clause 5.9   | A                |
| Short Range Devices (SRD);<br>Radio equipment to be used in<br>the frequency range<br>1 GHz to 40 GHz | Transmitter unwanted emissions in<br>the spurious domain<br>up to 18 GHz  | ETSI EN 300 440 V2.2.1<br>Clause 4.2.4   | A                |

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| Materials/Products tested  | Type of test/Properties<br>measured/Range of measurement  | Standard specifications/<br>Equipment/Techniques used | Location<br>Code |
|--|---|---|------------------|
| UNINTENTIONAL<br>RADIATORS   | SECTION 4<br>EU US MRA Accredited Scope<br>FCC test requirements<br>Conducted Emissions<br>9 kHz to 30 MHz<br>Radiated Emissions<br>9 kHz to 40 GHz   | ANSI C63.4-2014<br>+ 4a-2017<br>FCC CFR 47 Part 15 B  | A                |
| INDUSTRIAL, SCIENTIFIC<br>AND MEDICAL<br>EQUIPMENT<br>Consumer ISM Equipment | Conducted Emissions<br>9 kHz to 30 MHz<br>Radiated Emissions<br>9 kHz to 40 GHz   | FCC MP-5 (February 1986),<br>FCC CFR 47 Part 18       | A                |
| INTENTIONAL RADIATORS<br>BELOW 26.5 GHz                                      | Conducted Emissions<br>9 kHz to 30 MHz<br>Radiated Emissions<br>9 kHz to 40 GHz<br>Radio tests as per standard.<br>Includes but not limited to:<br>Peak transmit power<br>Emission bandwidth /<br>Occupied BW<br>Modulation<br>Power spectral density<br>Band edge tests<br>Permitted Frequency range<br>In-band unwanted emissions<br>Out-of-band emissions<br>Spurious Emissions<br>Reaction time<br>Frequency and Time Stability | ANSI C63.10-2013<br>FCC CFR 47 Part 15 C              | A                |

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| Materials/Products tested   | Type of test/Properties<br>measured/Range of measurement   | Standard specifications/<br>Equipment/Techniques used   | Location<br>Code |  |
|---|--|---|------------------|--|
|   | SECTION 5<br>Canadian MRA<br>ISED Scope of Accreditation   |   |                  |  |
| General Requirements for<br>Compliance of Radio<br>Apparatus  | Conducted and Radiated<br>Tests<br>9 kHz to 40 GHz   | RSS-Gen Issue 5:2018<br>(Amendment 2: February<br>2021)<br>ANSI C63.4:2014<br>+ 4a-2017<br>ANSI C63.10:2013 | A                |  |
| Licence-Exempt Radio<br>Apparatus: Category I<br>Equipment  | Conducted and Radiated<br>Tests<br>9 kHz to 40 GHz   | RSS-210 Issue 10:2019   | A                |  |
|   | Conducted Emissions<br>Radiated Emissions<br>Radiated Power<br>Occupied Bandwidth<br>Frequency Stability<br>Antenna Port Conducted Emissions<br>Band Edge                          |   |                  |  |
| Digital Transmission<br>Systems (DTS), Frequency<br>Hopping Systems (FHS)<br>and Licence-Exempt Local<br>Area Network (LE-LAN)<br>Devices | Conducted and Radiated<br>Tests<br>9 kHz to 40 GHz   | RSS-247 Issue 2:2017<br>excluding DFS testing   | A                |  |
|   | Facilities for EMC:  |   |                  |  |
|   | Commercial chambers<br>2 SAC enclosures each, 3m measurement distance<br>1 FAR enclosure, 3m measurement distance<br>Military chambers<br>2 SAC enclosures,1m measurement distance |   |                  |  |
|   | END  |   |                  |  |