


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>2360</b> Accredited to <b>ISO/IEC 17025:2017</b>	<b>Kiwa Ltd t/a Kiwa Electrical Compliance</b>	
	<b>Issue No: 072    Issue date: 29 October 2024</b>	
	<b>Arnolds Court</b> <b>Arnolds Farm Lane</b> <b>Mountnessing</b> <b>Brentwood</b> <b>Essex</b> <b>CM13 1UT</b>	<b>Contact: Clint Hilling</b> <b>Tel: +44 (0) 1277 352 219</b> <b>E-Mail: Clint.Hilling@kiwa.com</b> <b>Website: www.kiwa.com</b>
<b>Testing performed at the above address only</b>		

### Flexible Scope

The Flexible Scope applies to the laboratory's accreditation to ISO/IEC17025:2017 for testing activities in accordance with the standards listed in the schedule for EMC and Radio. This 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



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Computers and Peripherals Domestic Appliances: Electrical Electrical/Electronic Products Electronic Products: Digital Electro-Mechanical Devices  ISM Equipment IT Equipment Laboratory Equipment Medical/Dental Equipment  Office Equipment: Electrical Security Equipment Telecommunications Equipment Welding Equipment	<b>1.1 CIVIL EMC TESTS</b>  1.1.1 Conducted Emissions 9 kHz to 30 MHz	CISPR 22:2005 + A1 and A2 (Edition 5.2) EN 55016-2-1:2004 + A1:2005 EN 55016-2-1:2009 + A1:2011 EN 55016-2-1:2014 + A1:2017 EN 55011:1998 + A1:1999 + A2:2002  EN 55011:2007 + A2:2007 EN 55011-2009+ A1:2010 EN 55011:2016 + A1:2017 + A11:2020 + A2:2021  EN 55014-1:2006 + A1:2009 EN 55014-1:2006 + A1:2009 & A2 2011 EN 55014-1:2017 + A11:2020 CISPR 22:1997 EN 55022:1998+A1:2000 and A2:2003 EN 55022:2006+ A1:2007 EN 55022:2010 EN 55032:2012 EN 55032:2015 EN 55032:2015 + A11:2020 ANSI C63.4:2003 ANSI C63.4:2009 ANSI C63.4:2014 including Amendment C63.4a-2017 FCC CFR 47: Part 15B FCC CFR 47: Part 18 FCC/OST MP5:1986 ICES-003:2012 ICES-003:2016 ICES-003:2020
	1.1.2 Signal Line Conducted Emissions 150 kHz to 30 MHz  Signal lines/DC in and out	EN 55022:1998 including Amendment A1:2000 + A2:2003 (limited to where standard ISN's and CDN's can be used) EN 55022:2006 + A1:2007 EN 55022:2010 EN 55032:2012 EN 55032:2015 EN 55032:2015 + A11:2020



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As listed on Page 2	<p><b>1.1 CIVIL EMC TESTS (cont'd)</b></p> <p>1.1.3 Radiated Emissions 9 kHz to 40 GHz</p>	<p>EN 55016-2-3:2004 + A1:2005 &amp; A2:2005 EN 55016-2-3:2006 EN 55016-2-3:2010 + A1:2010 + A2:2014 EN 55016-2-3: 2017 EN 55011:1998 + A1:1999 + A2:2002 EN 55011:2007 + A2:2007 EN 55011-2009 + A1:2010 EN 55011:2016 + A1:2017 + A11:2020 + A2:2021 EN 55014-1:2006 + A1:2009 + A2:2011 EN 55014-1:2017 + A11:2020 EN 55022:1998 + A1:2000 + A2:2003</p> <p>EN 55022:2006 + A1:2007 EN 55022:2010 EN 55032:2012 EN 55032:2015 EN 55032:2015 + A11:2020 ANSI C63.4:2003 ANSI C63.4:2009 ANSI C63.4:2014 including Amendment C63.4a-2017 FCC CFR 47: Part 15B FCC CFR 47: Part 18 FCC/OST MP5:1986 ICES-003:2012 ICES-003:2016 ICES-003:2020</p>
	<p>1.1.4 Harmonics (Emissions): Conducted Current Measurements up to the 40<sup>th</sup> Harmonic</p>	<p>EN 61000-3-2:2000 EN 61000-3-2:2006 Amendment A1:2009 &amp; A2:2009 EN 61000-3-2:2014 EN 61000-3-2:2019</p>
	<p>1.1.5 Flicker (Emissions) Conducted AC Mains</p>	<p>EN 61000-3-3:1995 incl. Amendment A1:2001 &amp; A2:2006 EN 61000-3-3:2008 EN 61000-3-3:2013 EN 61000-3-3:2013 + A1:2019</p>



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As listed on Page 2	<b>1.1 CIVIL EMC TESTS (cont'd)</b>	
	1.1.6 Power Absorbing Emissions Measurements (Power Clamp) 30 MHz to 1 GHz	EN 55014-1:2006 + A1:2009 EN 55014-1:2006 + A1:2009 + A2:2011 2011 EN 55014-1:2017 + A11:2020
	1.1.7 Electrostatic Discharge Immunity (ESD): Up to 15 kV	IEC 801-2:1991 EN 61000-4-2:1995 + 1:1998 and 2:2001  EN 61000-4-2:2009
	1.1.8 Radiated Electromagnetic Field Immunity: 80 MHz to 6 GHz	EN 61000-4-3:1996 + A1:1998 and A2:2001 EN 61000-4-3:2002 + A1:2002 EN 61000-4-3:2006 + A1:2008 + A2:2010
	1.1.9 Fast Transient/Burst Immunity: 0.25 kV to 4.0 kV	IEC 801-4:1988 EN 61000-4-4:1995 + A1:2001+ A2:2001  EN 61000-4-4:2004 + A1 EN 61000-4-4:2012
	1.1.10 Surge Immunity  Waveforms: 0.2 kV to 4.4 kV	EN 61000-4-5:1995 + A1:2001 EN 61000-4-5:2006 EN 61000-4-5:2014 EN 61000-4-5:2014 + A1:2017
	1.1.11 Conducted RF Immunity: 150 kHz to 230 MHz up to 10 V rms	EN 61000-4-6:1996 + A1:2001 EN 61000-4-6:2007 EN 61000-4-6:2009 EN 61000-4-6:2014
	1.1.12 Power-Frequency Magnetic Field Immunity 16 Hz to 500 Hz up to 100 A/m	EN 61000-4-8:1993 + A1:2001 EN 61000-4-8:2010



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As listed on Page 2	<p><b>1.1 CIVIL EMC TESTS (cont'd)</b></p> <p>1.1.13 a) Voltage Dips, Interruptions and Fluctuations Immunity</p> <p>b) Voltage and Frequency variations</p>	<p>EN 61000-4-11:1994 + A1:2001 EN 61000-4-11:2004 + A1:2017 EN 61000-4-11:2020</p> <p>EN 60945:2002</p>
	<p>1.1.14 EMC Tests</p> <p>This section includes generic and product family standards that refer to basic standards included in Sections 1.1.1 to 1.1.13</p> <p>Note: International Standards EN, ENV and IEC, listed in this Schedule, that have been adopted nationally as BS EN, DD ENV and BS IEC and are technically identical can be considered as being included in this Schedule.</p>	<p>EN 50081-1:1992 EN 50081-2:1993 EN 50082-1:1997 EN 61000-6-1:2001 EN 61000-6-1:2007 EN 61000-6-1:2019 EN 61000-6-2:1999 EN 61000-6-2:2001 EN 61000-6-2:2005 EN 61000-6-2:2019 EN 61000-6-3:2001 + A1:2004 EN 61000-6-3:2007 EN 61000-6-3:2007 + A1:2011 EN 61000-6-3:2021 EN 61000-6-4:2001 EN 61000-6-4:2007 EN 61000-6-4:2007 + A1:2011 EN 61000-6-4:2019 EN 55014-2:1997 + A1:2001 and A2 2008 EN 55014-2:2006 + A1:2009 EN 55014-2:2015 EN 55015:2013 + A1:2015 (Excluding insertion loss on fluorescents with starters) EN 55103-2:2009 EN 60601-1-2:1993 EN 60601-1-2:2001 EN 60601-1-2:2007 EN 60601-1-2:2015 EN 60945:2002 EN 61326:1997+ A1:1998, A2:2001 and A3:2003 EN 61326-1:2006 EN 61326-1:2013 EN 61326-1:2021</p>



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As listed on Page 2	<b>1.1 CIVIL EMC TESTS (cont'd)</b> 1.1.14 EMC Tests (cont'd)	EN 61326-2-1:2006 EN 61326-2-1:2013 EN 61326-2-2:2006 EN 61326-2-2:2013 EN 61326-2-3:2006 EN 61326-2-3:2013 EN 61326-2-6:2006 EN 61326-2-6:2013 EN 61547: 2009 EN 50121-3-2:2016 (Excluding AC power outlet port for public use) EN 50130-4:1995 + A1:1998 + A2:2003 EN50130-4:2011 + A1:2014 EN 55024:1998 + A1:2001 and A2:2003 EN 55024:2010 + A1:2016 EN 55035:2017 (Excluding Broadband impulse noise disturbances) EN 55035:2017 + A11 2020 (Excluding Broadband impulse noise disturbances) EN 50498:2010 EN 301 489-1:V1.6.1:2005 EN 301 489-1:v1.8.1 EN 301 489-1:v1.9.2 EN 301 489-1:V2.2.0 EN 301 489-1:V2.2.3 EN 301 489-3:V1.4.1:2002 EN 301 489-3:V1.6.1:2013 EN 301 489-3:V2.1.1 EN 301 489-3:V2.3.2 EN 301 489-4:V3.2.0 EN 301 489-4 V3.2.1 EN 301 489-5:V1.3.1:2002 EN 301 489-5:V2.2.0 EN 301 489-5:V2.2.1 EN 301 489-9 V2.1.1 (draft) EN 301 489-9 V2.1.1 EN 301 489-17:V1.2.1:2002 EN 301 489-17:V2.2.1:2012 EN 301 489-17:V3.2.0 EN 301 489-17:V3.2.4 EN 301 489-19 V2.1.0 (draft) EN 301 489-19 V2.1.1 EN 301 489-33 V2.2.1 EN 301 489-52 V1.1.0 (draft) EN 301 489-52 V1.2.1(Excl Voice Call) EN 301 489-53 V1.1.0 (draft) EN 301 489-53 V1.1.1



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As listed on Page 2	<b>1.1 CIVIL EMC TESTS</b> (cont'd) 1.1.14 EMC Tests (cont'd)	OIML R 51-1: 2006 EN 301 843-1 V2.2.1 EN 301 843-2 V2.2.1
Automotive Equipment ESA/components	<b>1.2 AUTOMOTIVE EMC TESTS</b> 1.2.1 Radiated Emissions 30 MHz to 1 GHz	UN Regulation no. 10 Revision 4. UN Regulation no. 10 Revision 5 UN Regulation no. 10 Revision 6 EN 55025:2003
	1.2.2 Radiated Immunity Absorption Chamber 400 MHz - 2 GHz at 30 V/m	UN Regulation no. 10 Revision 4. UN Regulation no. 10 Revision 5 UN Regulation no. 10 Revision 6 ISO 11452-2:2004
	1.2.3 Conducted Immunity BCI 20 MHz to 400 MHz, 60 mA	UN Regulation no. 10 Revision 4. UN Regulation no. 10 Revision 5 UN Regulation no. 10 Revision 6 ISO 11452-4:2005 (substitution method only) ISO 11452-4:2011 (substitution method only)
	1.2.4 Vehicle Transient Emissions and Immunity 12 and 24 v Systems	ISO 7637-2:2004 Pulses 1, 2a, 2b, 3a, 3b & 4 UN Regulation no. 10 Revision 4 UN Regulation no. 10 Revision 5 UN Regulation no. 10 Revision 6



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Short Range Devices (SRD), Wideband transmission systems and Private Mobile Radio (PMR)	<p><b>2 RADIO TRANSMITTER &amp; RECEIVER TESTING</b></p> <p><b>2.1 Short Range Radio, Wideband transmission &amp; PMR Testing</b></p> <p>2.1.1 Frequency Error and Stability: 9 kHz to 40 GHz</p> <p>2.1.2 Carrier Power: Up to 2 W &lt; 18 GHz Up to 100 W &lt; 4 GHz</p> <p>2.1.3 Effective Radiated Power (ERP) &amp; Equivalent Isotropic Radiated Power (EIRP): 30 MHz to 18 GHz</p> <p>2.1.4 Maximum Spectral Power Density</p> <p>2.1.5 Receiver LBT threshold</p> <p>2.1.6 Frequency Deviation: 150 kHz to 1.3 GHz</p> <p>2.1.7 Frequency Range: 9 kHz to 26.5 GHz</p> <p>2.1.8 Adjacent Channel Power: 150 kHz to 26.5 GHz</p> <p>2.1.9 Modulation Depth &amp; Bandwidth: 150 kHz to 1.3 GHz</p> <p>2.1.10 Spurious Emissions: 9 kHz to 231 GHz</p> <p>2.1.11 Intermodulation Attenuation: 20 MHz to 18 GHz</p> <p>2.1.12 Transmitter Transient Behaviour: 150 kHz to 1.3 GHz</p> <p>2.1.13 Transmitter Attack and Release Time: 9 kHz to 26.5 GHz</p>	<p>ETSI EN 300 225 V1.5.1 ETSI EN 300 225 V1.4.1</p> <ul style="list-style-type: none"> <li>• Clause 8 Field measurement</li> <li>• Clause 9 Transmitter (with the exception of environmental tests and 9.6 Sensitivity of the modulator, including microphone)</li> <li>• Clause 10 Receiver</li> </ul> <p>EN 300 086:V2.1.2 EN 300 086-1:V1.2.1 EN 300 086-2:V1.1.1 EN 300 086-2:V1.3.1 EN 300 113-1 v1.7.1 EN 300 113-2 v1.5.1 EN 300 113:V2.2.1 EN 300 113-1:V1.5.1 EN 300 113-2:V1.3.1 EN 300 220-1:V2.1.1 EN 300 220-1:V2.3.1 EN 300 220-1:V2.4.1 EN 300 220-1:V3.1.1 EN 300 220-2:V2.1.1 EN 300 220-2:V2.3.1 EN 300 220-2:V2.4.1 EN 300 220-2:V3.1.1 EN 300 220-3:V1.1.1 EN 300 296:V2.1.1 (Excluding clause 7.6 - Voice operated Transmitter) EN 300 330:V2.1.1 EN 300 330-1 v1.7.1 EN 300 330-1 v1.8.1 EN 300 330-1:V1.4.1 EN 300 330-2 v1.5.1 EN 300 330-2 v1.6.1 EN 300 330-2:V1.2.1 EN 300 328:V1.6.1 EN 300 328:V1.7.1 EN 300 328:V1.8.1 EN 300 328:V1.9.1 EN 300 328:V2.1.1 EN 300 328:V2.2.2</p>





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Short Range Devices (SRD), Wideband transmission systems and Private Mobile Radio (PMR)	<p><b>2 RADIO TRANSMITTER &amp; RECEIVER TESTING (cont'd)</b></p> <p><b>2.1 Short Range Radio, Wideband transmission &amp; PMR Testing</b></p> <p>2.1.14 H-Field:</p> <p>2.1.15 Receiver Sensitivity</p> <p>2.1.16 Receiver Blocking</p> <p>2.1.17 Co-channel Rejection</p> <p>2.1.18 Adjacent channel selectivity</p> <p>2.1.19 Blocking</p> <p>2.1.20 Intermodulation response</p> <p>2.1.21 Spurious response rejection</p>	<p>EN 300 422-1 V1.4.2 (Except for measurements that require an acoustic coupler)</p> <p>EN 300 422-1:V1.5.1</p> <p>EN 300 422-1:V1.4.1</p> <p>EN 300 422-1:V2.1.2</p> <p>EN 300 422-1 V1.2.2</p> <p>EN 300 422-1 V2.2.1</p> <p>EN 300 422-2 V1.3.1 (Except for measurements that require an acoustic coupler)</p> <p>EN 300 440:V2.1.1</p> <p>EN 300 440-1:V1.3.1</p> <p>EN 300 440-1:V1.6.1</p> <p>EN 300 440-2:V1.1.2</p> <p>EN 300 440-2:V1.4.1</p> <p>EN 300 720:V2.1.1 (Excluding clause 7)</p> <p>EN 301 178:V2.2.2 (Excluding clause 7)</p> <p>EN 301 357-1:V1.2.1</p> <p>EN 301 357-1:V1.4.1</p> <p>EN 301 357-2:V1.2.1</p> <p>EN 301 357-2:V1.4.1</p> <p>EN 301 511 V12.5.1 (Clause 4.2.16 to 4.2.19 Only)</p> <p>EN 301 893 V2.1.1 (Including DFS testing)</p> <p>EN 301 908-1 V13.1.1</p> <p>EN 301 908-1 V15.2.1 (FR1 Band Only)</p> <p>EN 302 065-2:V2.1.1</p> <p>EN 303 413:V1.1.1</p> <p>EN 303 413:V1.2.1</p> <p>ANSI C 63.10:2009</p> <p>ANSI C 63.10:2013</p> <p>ANSI C 63.26:2015</p> <p>(Excluding Clause 6.2 - Medical implant transmitter measurements)</p>



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<p>Short Range Devices (SRD), Wideband transmission systems and Private Mobile Radio (PMR)</p> <p>Radio Local Area Network (RLAN) Devices Operating in the 5925-7125 MHz Band</p>	<p><b>2 RADIO TRANSMITTER &amp; RECEIVER TESTING (cont'd)</b></p> <p>Technical and operational requirements (section 4) Conducted and Radiated Tests 9 kHz to 231 GHz</p>	<p>ANSI/TIA 603D:2010 ANSI/TIA 603E:2016</p> <p>RSS-Gen Issue 5 including Amendment 1 and Amendment 2</p> <p>RSS-210 issue 10 RSS-119 Issue 12 RSS-220 issue 1: including Amendment 1 RSS-130 Issue 2 RSS-131 Issue 4 RSS-132 Issue 4 RSS-133 Issue 6 including Amendment 1 RSS-139 Issue 4 RSS-195 Issue 2 RSS-199 Issue 4 RSS-247 Issue 3 including DFS testing RSS-248 Issue 02</p>



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<p>Multiple-Gigabit/s radio equipment operating in the 57 - 71 GHz band.</p>	<p><b>2.2 Microwave Radio Transmitter and Receiver Testing</b></p> <p>2.2.1 Output power up to 100 W &lt; 4 GHz up to 2 W &lt; 40 GHz</p> <p>2.2.2 Frequency Error &amp; Stability 9 kHz to 40 GHz</p> <p>2.2.3 RF Spectrum Mask 9 kHz to 40 GHz</p> <p>2.2.4 Discrete CW Components exceeding the spectrum mask limit</p> <p>2.2.5 External Spurious Emissions 9 kHz to 231 GHz</p> <p>2.2.6 BER as a function of Receiver Input Signal Level</p> <p>2.2.7 Co-Channel Interference</p> <p>2.2.8 Adjacent Channel Interference</p> <p>2.2.9 CW Spurious Interference 30 MHz to 40 GHz</p>	<p>EN 302 326-2:V1.2.2 EN 302 567 V2.1.1 (Excluding clause 5.3.8 - Adaptivity) EN 302 567 V2.2.1 (Excluding clause 5.3.8 Adaptivity) EN 303 722 V1.2.1 EN 305 550-1:V1.2.1 (SRD – 40 to 231 GHz) EN 305 550-2:V1.2.1 (SRD – 40 to 231 GHz)</p>



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	<p><b>EMC FACILITIES</b></p> <p>Screened Rooms</p> <ol style="list-style-type: none"> <li>1 Semi-Anechoic Chamber: 4.8 m x 3.6 m x 4.8 m</li> <li>2 Semi-Anechoic Chamber: 8.3 m x 5.4 m x 3.6 to 5.5 m</li> <li>3 Screened Room: 3.6 m x 2.4 m x 3.0 m</li> <li>4 Screened Room: 4.2 m x 3.6 m x 2.4 m</li> <li>5 Control Room: 3.6 m x 2.4 m x 2.4 m</li> <li>6 Control Room: 2.4 m x 2.4 m x 2.4 m</li> <li>7 Fully-Anechoic Chamber: 3.3m x 2.3m x 2.3m</li> <li>8 Fully-Anechoic Chamber: 5.7m x 1.9m x 1.9m</li> <li>9 Screened Room: 3.7m x 3.1m x 2.4m</li> <li>10 Semi-Anechoic Chamber: 10.0m x 6m x 5.5m</li> <li>11 Control Room: 3.6m x 2.4m x 2.4m</li> <li>12 Screened Room: 3.6m x 2.4m x 2.4m</li> <li>13 Semi-Anechoic Chamber: 6.7 m x 3.1 m x 3.1 m</li> </ol> <p>Open Area Test Sites</p> <p>3m and 10m Open Area Test Sites (30M – 1GHz) 3m, 5m, 10m, &amp; 30m Open Area Test Sites (9kHz – 30MHz)</p> <p>Power Supplies</p> <p>Single Phase: 50Hz 230V 30A supply Single Phase: 50Hz 115V 43A supply Single Phase: 60Hz 115V 17A supply Single Phase: 400Hz 115V 12A supply Three Phase: 50Hz 400V 50A supply</p>	



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<b>US MRA - FCC Scope of Accreditation (not included in Flexible Scope)</b>		
<i>(example descriptions only)</i>		
UNINTENTIONAL RADIATORS  FCC Part 15, subpart B	Radiated Emissions 9 kHz to 40 GHz  Conducted Emissions 9 kHz to 30 MHz	ANSI C63.4-2014 including Amendment C63.4a-2017
INDUSTRIAL, SCIENTIFIC AND MEDICAL EQUIPMENT Consumer ISM Equipment  FCC Part 18	Radiated Emissions 9 kHz to 40 GHz  Conducted Emissions 9 kHz to 30 MHz	FCC MP-5 (February 1986),
INTENTIONAL RADIATORS  FCC Part 15, subpart C	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz  Radio tests as per standard. Includes but not limited to: Peak transmit power Emission bandwidth / Occupied BW Modulation Power spectral density Band edge tests Permitted Frequency range In-band unwanted emissions Out-of-band emissions Spurious Emissions Reaction time Frequency and Time Stability	ANSI C63.10-2013
UNLICENSED NATIONAL INFORMATION INFRASTRUCTURE (U-NII) DEVICES WITHOUT DFS (INTENTIONAL RADIATORS)  FCC Part 15, Subpart E	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz	ANSI C63.10-2013  KDB Publication 789033



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UNLICENSED NATIONAL INFORMATION INFRASTRUCTURE (U-NII)  DEVICES WITH DYNAMIC FREQUENCY SELECTION (DFS)  FCC Part 15 Subpart E	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz	ANSI C63.10-2013  KDB Publication 905462 D02 UNII DFS Compliance Procedures New Rules v02
ULTRA-WIDEBAND OPERATION INTENTIONAL RADIATORS  FCC Part 15, Subpart F	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz  Radio tests as per standard	ANSI C63.10-2013
COMMERCIAL MOBILE SERVICES (FCC LICENSED RADIO SERVICE EQUIPMENT)  FCC Part 22 (cellular) FCC Part 24 FCC Part 25 (non-microwave) FCC Part 27	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz  Radio tests as per standard.	ANSI C63.26:2015 ANSI/TIA 603E:2016  KDB Publication 971168
GENERAL MOBILE RADIO SERVICES (FCC LICENSED RADIO SERVICE EQUIPMENT)  FCC Part 22 (non-cellular) FCC Part 90 (non-microwave) FCC Part 95 FCC Part 97 FCC Part 101 (non-microwave)	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz  Radio tests as per standard.	ANSI C63.26:2015 ANSI/TIA 603E:2016



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**Issue No: 072 Issue date: 29 October 2024**

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
CITIZENS BROADBAND RADIO SERVICES (FCC LICENSED RADIO SERVICE EQUIPMENT)  FCC Part 96	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz  Radio tests as per standard.	ANSI C63.26:2015 ANSI/TIA 603E:2016  KDB Publication 971168 KDB Publication 940660
MICROWAVE AND MILLIMETRE BANDS RADIO SERVICES (FCC LICENSED RADIO SERVICE EQUIPMENT)  FCC Part 25 FCC part 30 FCC Part 74 FCC Part 90 (above 3GHz) FCC Part 95 (above 3GHz) FCC Part 97 (above 3GHz) FCC Part 101	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz  Radio tests as per standard.	ANSI C63.26:2015 ANSI/TIA 603E:2016  KDB Publication 653005
BROADCAST RADIO SERVICES (FCC LICENSED RADIO SERVICE EQUIPMENT)  FCC Part 73 FCC Part 74 (below 3GHz)	Radiated Tests 9 kHz to 231 GHz  Conducted Tests 9 kHz to 231 GHz  Radio tests as per standard.	ANSI C63.26:2015 ANSI/TIA 603E:2016



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SIGNAL BOOSTERS Wideband consumer signal boosters Provider-specific signal boosters Industrial signal boosters  FCC Part 20 & 90.219	Tests as per KDB Frequency Bands Self-Monitoring Noise Limits, Power Limits, Bidirectional Capability Booster Gain Limits, Gain Control Transmit Power Off Mode Out of Band Emission Limits, Intermodulation Limits, Booster Antenna Kitting Uplink Inactivity Anti-Oscillation Occupied Bandwidth Spurious Emissions	ANSI C63.26:2015  FCC KDB Publication 935210 D03 Signal Booster Measurements v04 (February 12, 2016)  FCC KDB Publication 935210 D04 Provider Specific Booster Measurements v02 (February 12, 2016)  FCC KDB Publication 935210 D05 Indus Booster Basic Measurements v01r01 (February 12,2016)
<b>Canadian MRA – ISED Scope of Accreditation (not included in Flexible Scope)</b>		
General Requirements for Compliance of Radio Apparatus	Conducted & Radiated Tests 9 kHz to 231 GHz	RSS-Gen Issue 5 including Amendment 1 and Amendment 2
Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus	RF Exposure evaluation (Measured) Exclusion Calculation only	RSS-102 Issue 5 including Amendment 1
Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz	Conducted and Radiated Tests 9 kHz to 110 GHz	RSS-119 Issue 12
Licence-Exempt Radio Apparatus: Category I Equipment	Conducted & Radiated Tests 9 kHz to 231 GHz	RSS-210 issue 10
Ultra-Wideband (UWB) Technology	Conducted & Radiated Tests 9 kHz to 231 GHz	RSS-220 issue 1 including Amendment 1
Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz	Conducted and Radiated Tests 9 kHz to 231 GHz	RSS-130 Issue 2





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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Zone Enhancers	Conducted and Radiated Tests 9 kHz to 231 GHz	RSS-131 Issue 4
Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz	Conducted and Radiated Tests 9 kHz to 231 GHz	RSS-132 Issue 4
2 GHz Personal Communications Services	Conducted and Radiated Tests 9 kHz to 231 GHz	RSS-133 Issue 6 including Amendment 1
Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2180 MHz	Conducted and Radiated Tests 9 kHz to 231 GHz	RSS-139 Issue 4
Wireless Communications Service (WCS) Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz	Conducted and Radiated Tests 9 kHz to 231 GHz	RSS-195 Issue 2
Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz	Conducted and Radiated Tests 9 kHz to 231 GHz	RSS-199 Issue 4
Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	Conducted & Radiated Tests 9 kHz to 231 GHz	RSS-247 Issue 3 including DFS testing
Radio Local Area Network (RLAN) Devices Operating in the 5925-7125 MHz Band	Technical and operational requirements (section 4) Conducted and Radiated Tests 9 kHz to 231 GHz	RSS-248 Issue 02
END		



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**Accreditation for the purpose of UK Approved Body Activity in accordance with UKCA Requirements and UKAS Publication GEN 5**

Directive / Regulation	Conformity Assessment procedure/ Module/article	Category of products or individual products	Essential requirements: Product specification / Properties/Standards
Mutual Recognition Agreements between the UK and Australia/New Zealand	Conformity Assessment Body (CAB)	Electromagnetic compatibility (EMC) sectoral annex	

**Accreditation for the purpose of Notified Body Activity relating to the Northern Ireland market (CE + UKNI) taking into account EA-2/17**

Directive / Regulation	Conformity Assessment procedure/ Module/article	Category of products or individual products	Essential requirements: Product specification / Properties/Standards
Mutual Recognition Agreements between the UK and Australia/New Zealand	Conformity Assessment Body (CAB)	Electromagnetic compatibility (EMC) sectoral annex	

END