


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>4416</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Electromagnetic Testing Services Ltd</h3> <p>Issue No: 014 Issue date: 17 May 2019</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Electrical Electronic Components Electrical Electronic Products Electro Mechanical Devices IT Equipment Industrial Equipment Scientific Equipment Certain Medical Equipment	Section 1 Commercial EMC	
	1.1 Conducted emissions 9 kHz to 30 MHz	EN 55022:2006 EN 55022:2006 + A1 EN 55022:2010 EN 55011:2007 EN 55011:2009 + A1 EN 55011:2016 EN 55032:2015
	1.2 Conducted Emissions Discontinuous (Clicks) 9 kHz to 30 MHz	EN 55014-1:2006 + A1:2009 + A2:2011
	1.3 Radiated emissions 30 MHz to 18 GHz	EN 55022:2006 EN 55022:2006 + A1 EN 55022:2010 EN 55011:2007 EN 55011:2009 + A1 EN 55011:2016EN 55032:2015
	1.4 ESD Up to 30 kV	EN 61000-4-2:1995 EN 61000-4-2:1995 + A1 + A2 EN 61000-4-2:2009
1.5 Radiated Immunity tests 80 MHz to 4 GHz 20 V/m 35 V/m over smaller area 0.5 m * 0.5 m	EN 61000-4-3:2006 + A1:2008 + A2:2010	



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Electrical Electronic Components Electrical Electronic Products Electro Mechanical Devices IT Equipment Industrial Equipment Scientific Equipment Certain Medical Equipment (cont'd)	Section 1 Commercial EMC (cont'd)	
	1.6 Electrical Fast Transient and Bursts 250 V to 4800 V	EN 61000-4-4:2004 EN 61000-4-4:2012
	1.7 Surge 250 V to 6000 V	EN 61000-4-5:1995 EN 61000-4-5:2006 EN 61000-4-5:2014
	1.8 Conducted Immunity 150kHz to 230 MHz	EN 61000-4-6:2006 EN 61000-4-6:2009 EN 61000-4-6:2014
	1.9 Power Frequency Magnetic Fields Up to 300 A/m	EN 61000-4-8:1993
	1.10 Pulse Magnetic Field Up to 1200 A/m	EN 61000-4-9:1994
	1.11 Voltage Dips and Interrupts	EN 61000-4-11:2004
	1.12 Power Frequency Harmonics Single phase up to 16 A	EN 61000-3-2:2006+A1+A2 EN 61000-3-2:2014
	1.13 Flicker Single phase up to 16 A	EN 61000-3-3:2008 EN 61000-3-3:2013
Automotive ESA	Section 2 Automotive EMC	
	2.1 Conducted emissions 150 kHz to 108 MHz	CISPR 25:2002 + Corr:2004
	2.2 Radiated emissions 30 MHz to 1000 MHz	CISPR 25:2002 + Corr:2004



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Automotive ESA (cont'd)	Section 2 Automotive EMC (cont'd)	
	2.3 Transient emissions Conducted emissions on supply lines	UNECE Reg 10.5 ISO 7637-2:2004 + A1:2008
	2.4 Automotive Conducted Immunity - BCI 1 to 400 MHz Up to 100mA	ISO 11452-4:2005
	2.5 Transient Immunity Conducted immunity on supply lines	UNECE Reg 10.5 ISO 7637-2:2004 + A1:2008
	2.6 Radiated Immunity Absorption Chamber 20 MHz to 2 GHz 30 V/m	ISO 11452-2:2004 Substitution method UN Reg 10.05
	3.0 Generic and Product Specific These standards are covered to the extent that the basic standards are covered in the above sections.	EN 61000-6-1:2007 EN 61000-6-2:2005 EN 61000-6-3:2007 + A1:2011 EN 61000-6-4:2007 + A1:2011 EN 60601-1-2:2007 EN 60601-1-2:2015 EN 61326-1:2013 EN 61326-2-6:2013 EN 50121-3-2:2006 EN 50121-3-2:2016EN 301489-1 V1.9.2



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FCC Scope of Accreditation Unintentional Radiators	Radiated Emissions 9 kHz to 40 GHz Conducted Emissions 9 kHz to 30 MHz	ANSI C63.4-2014 FCC CFR 47 Part 15 B ANSI C63.4-2014 FCC CFR 47 Part 15 B
Consumer ISM Equipment	Radiated Emissions 9 kHz to 40 GHz Conducted Emissions 9 kHz to 30 MHz Facilities: OATS 3 m & 10 m Test distance GRP 20 m * 11 m 1.2 m Turntable 2 Tons 240 V single phase 50 Hz 20 A 415 V three phase 50 Hz 100 A per 115 V single phase 60 Hz 40 A SAC 1 m & 3 m Test distance 5.5 m * 8.9 m * 6 m 2.0 m Turntable 240 V single phase 50 Hz 20 A 415 V three phase 50 Hz 20 A per 115 V single phase 60 Hz 40 A Assorted Screen rooms various sizes	FCC MP-5 (February 1986), FCC CFR 47 Part 18 FCC MP-5 (February 1986), FCC CFR 47 Part 18
END		