

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p style="text-align: center;">Accredited to ISO/IEC 17025:2005</p>	RFI Global Services Ltd	
	Issue No: 106 Issue date: 15 December 2009	
Pavillion A Ashwood Park Ashwood Way Winklebury Basingstoke Hampshire RG23 8BG	Contact: Mr Hunter Tel: +44 (0)1256 312000 Fax: +44 (0)1256 312001 E-Mail: sales@rfi-global.com Website: www.rfi-global.com	
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Address Pavillion A Ashwood Park Ashwood Way Basingstoke Hampshire RG23 8BG</td> <td style="width: 50%;">Local contact Mr A Hunter Tel: +44 (0)1256 312000 Fax: +44 (0)1256 312001 Email: sales@rfi-global.com</td> </tr> </table>	Address Pavillion A Ashwood Park Ashwood Way Basingstoke Hampshire RG23 8BG	Local contact Mr A Hunter Tel: +44 (0)1256 312000 Fax: +44 (0)1256 312001 Email: sales@rfi-global.com	Testing: Telecommunications Smart Cards Support Functions: Financial Support	A
Address Pavillion A Ashwood Park Ashwood Way Basingstoke Hampshire RG23 8BG	Local contact Mr A Hunter Tel: +44 (0)1256 312000 Fax: +44 (0)1256 312001 Email: sales@rfi-global.com			
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Address Unit 3 Horizon Kingsland Business Park Wade Road Basingstoke Hampshire RG24 8AH</td> <td style="width: 50%;">Local contact Mr A Hunter Tel: +44 (0)1256 312000 Fax: +44 (0)1256 312001 Email: sales@rfi-global.com</td> </tr> </table>	Address Unit 3 Horizon Kingsland Business Park Wade Road Basingstoke Hampshire RG24 8AH	Local contact Mr A Hunter Tel: +44 (0)1256 312000 Fax: +44 (0)1256 312001 Email: sales@rfi-global.com	Testing: EMC Radio Bluetooth®	D
Address Unit 3 Horizon Kingsland Business Park Wade Road Basingstoke Hampshire RG24 8AH	Local contact Mr A Hunter Tel: +44 (0)1256 312000 Fax: +44 (0)1256 312001 Email: sales@rfi-global.com			
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Address RFI Global Services Ltd No. 80, Bei Li Shi Road Xi Cheng District Beijing P. R. China Post code: 100037</td> <td style="width: 50%;">Local contact Mr Jiang Jingyue Tel: +86 10 6800 9173 Fax: +86 10 6800 9208 Email: sales@rfi-global.com</td> </tr> </table>	Address RFI Global Services Ltd No. 80, Bei Li Shi Road Xi Cheng District Beijing P. R. China Post code: 100037	Local contact Mr Jiang Jingyue Tel: +86 10 6800 9173 Fax: +86 10 6800 9208 Email: sales@rfi-global.com	Testing: Telecommunications	E
Address RFI Global Services Ltd No. 80, Bei Li Shi Road Xi Cheng District Beijing P. R. China Post code: 100037	Local contact Mr Jiang Jingyue Tel: +86 10 6800 9173 Fax: +86 10 6800 9208 Email: sales@rfi-global.com			

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Testing performed by the Organisation at the locations specified

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Any customer premises Local contact Mr A Hunter Tel: +44 (0)1256 312000 Fax: +44 (0)1256 312001 Email: sales@rfi-global.com	Testing: EMC Radio Telecoms Testing	C



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Aerospace Components and Equipment	1 EMC Testing		
Batteries and Cells	1.1 Conducted Emissions	AS/NZS 1044:1995	D
Circuit Breakers and Switches	0 Hz to 100 MHz	AS/NZS 2557:1992	D
Coatings: Metallic		AS/NZS 3548:1995	D
Composite Materials		AS 3548:1988	D
Compressors		CISPR 11:1990	D, C
Computers and Peripherals		CISPR 11:1997 inc Amendment 1: 1999 and Amendment 2:2002	D
Construction Materials		CISPR 11:2003 inc Amendments A1:2004 and A2:2006	D
Construction Plant and Equipment		CISPR 14-1:2000 including Amendment A1:2001 & A2:2002	
Construction Products		CISPR 14-1:2005	
Domestic Appliances: Electrical		CISPR 16-2-1:2003	
Electrical/Electronic Components		CISPR 22:1993 and 1997	C
Electrical/Electronic Connectors		CISPR 22:1985, 1993 and 1997 Amendment 1:1995 Amendment 2:1996	D
Electrical/Electronic Products		CISPR 25:2002	D
Electronic Products: Digital		CISPR 22:2005 including Amendment A1:2005*	
Electrical Cables		EN 55011:1991 and 1998	D, C
Electro-Mechanical Devices		EN 55011:2007+ A2; 2007	D
Enclosures for Electrical Equipment		EN 55011:1998+ A1; 1999 + A2; 2002	D
Engine Components		EN 55014-1:2000 including Amendment A1:2001 and A2:2002	D, C
Explosion Protected Electrical Equipment		EN 55014-1:2006	D, C
Filters and Filter Media (Electrical)		EN 55016-2-1:2004	D, C
Fans		EN 55022:1994	D, C
Firearms		Amendment 1:1995	
Fire Fighting and Detection Equipment		Amendment 2:1997	
Flowmeters: Excluding Calibration		EN 55022:1998*	D, C
Fuses: Electrical		EN 55022:2006 including Amendment 1:2007*	
Gas Appliances		VCCI V-3/97.04	D
Generators: Electrical		Vol 47 (Telecomms) FCC	D
Generators: Power		Code of Federal Regulations: Part 15	
Generators: Welding		Vol 47 (Telecomms) FCC	D
Heating and Cooking Appliances		Code of Federal Regulations: Part 18	
Instruments: Indicating/Recording		ANSI C63.4:2001	D, C



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Continued from Page 4 Transformers: Electrical Video Equipment Watt-hour Meters, integrating	1 EMC Testing (cont'd)		
	1.2 Radiated Electric Field Emissions: 30 MHz to 110 GHz (cont'd) Transient emissions Broadband emissions Narrowband emissions	Vol 47 (Telecomms) FCC Code of Federal Regulations: Part 18 ANSI C63.4:2001 ANSI C63.4:2003 ISO 7637 2004/104/EC Annex VII 2004/104/EC Annex VIII	D D, C D D D
	1.3 Radiated Magnetic Field Emissions: 20 Hz to 30 MHz	CISPR 11:1990 CISPR 11:1997 inc Amendment 1: 1999 and Amendment 2:2002 CISPR 11:2003 inc Amendments A1:2004 and A2:2006 EN 55011:1991 EN 55011:2007+ A2; 2007 EN 55011:1998+ A1; 1999 + A2; 2002 Vol 47 (Telecomms) FCC Code of Federal Regulations: Part 15 Vol 47 (Telecomms) FCC Code of Federal Regulations: Part 18 ANSI C63.4:2001	D, C D D D, C D D D D D
	1.4 Power Absorbing Emissions Measurements (Power Clamp) 30 MHz to 1 GHz	AS/NZS 1044:1995 EN 55014-1:1997 EN 55014-1:2000 including Amendment A1:2001 and A2:2002 CISPR 14-1:2000 Amendment A1:2001 and A2:2002 EN 55014-1:2006 CISPR 14-1:2005 CISPR 14-1:2000 including Amendment A1:2001 & A2:2002 CISPR 14-1:2005	D D D, C D, C D, C D, C D, C



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As listed on Pages 3, 4, and 5	1 EMC Testing (cont'd)		
	1.5 Discontinuous Emissions (Clicks): 10 kHz to 30 MHz	EN 55014-1:1997 EN 55014-1:2000 including Amendment A1:2001 and A2:2002 CISPR 14-1:2000 Amendment A1:2001 and A2:2002 EN 55014-1:2006 CISPR 14-1:2005	D D D D D
	1.6 Conducted Current Harmonics (Emissions): Measurements up to 40 th Harmonic Equipment Input Current ≤ 16A Per Phase	EN 61000-3-2:2000 IEC 61000-3-2:2000 EN 61000-3-2:2006 IEC 61000-3-2:2005 EN 61000-3-2:2006 Amendment 1: 2008 and A 2:2009 IEC 61000-3-2:2005 Amendment 1: 2008 and A 2:2009	D D D D D D
	1.7 Conducted AC Mains Flicker (Emissions)	EN 61000-3-3:1995 including Amendment A1:2001 Amendment A2:2005 IEC 61000-3-3:1994 Amendment A1:2001 Amendment A2:2005 EN 61000-3-3:2008 IEC 61000-3-3:2008	D, C D, C C, D C, D
	1.8 Electrostatic Discharge Immunity (ESD): Up to 27 kV Direct and Indirect Air and Contact Discharge Positive and Negative Polarity	EN 61000-4-2:1995 including Amd A1:1998 and Amd A2:2001 IEC 61000-4-2:1995 including Amd A1:1998 and Amd A2:2000 ISO 10605:2001	C, D C, D D



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As listed on Pages 3, 4, and 5	1 EMC Testing (cont'd) 1.9 Radiated Electromagnetic Field Immunity: 10 kHz to 2.7 GHz Range of Measurements: up to 200 V/m Automated closed loop field monitoring or Precalibration method (uniform field) Stripline to design in IEC 801-3:1984 TEM cell to design in ISO 11452-3:1995 Triplate 10 kHz to 1000 MHz at 200 V/m	EN 61000-4-3:1996 including Amd 1:1998 IEC 61000-4-3:1995 including Amd A1:1998 including Amd A2:2000 EN 61000-4-3:2002 including Amd A1:2002 IEC 61000-4-3:2002 including Amd A1:2002 EN 61000-4-3:2006 including Amd A1:2008 IEC 61000-4-3:2006 including Amd A1:2007 95/54/EC, Annexes I, VII, VIII and IX 97/24/EC, Annexes I and VII ECE Regulation 97:1996 ECE Regulation 10.2:1997 ISO 11452-2:1995 ISO 11452-3:1995 2004/104/EC Annex IX ISO 11452-1:2005 ISO 11452-2:2004 IEEE C37.90.2:1995	D, C C, D D D D D D D D D D D D
	Note: The ability to conduct radiated immunity testing in site situations will be limited by the need to avoid contravening radio transmission regulations and/or the availability of a suitable screened enclosure.		
	1.10 Fast Transient Burst Immunity 0.25 kV to 4.0 kV Positive and Negative Polarity 5 ns rise time, 10 ns duration 15 ms burst duration	EN 61000-4-4:1995 EN 61000-4-4:2004 IEC 61000-4-4:2004	D D D



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As listed on Pages 3, 4, and 5	1 EMC Testing (cont'd)		
	1.11 Conducted Radio Frequency Immunity: 10 kHz to 1 GHz RF voltage up to 15 V rms Injection via coupling networks, direct current injection or bulk current injection	EN 61000-4-6:1996 including Amendment A1:2001 IEC 61000-4-6:1996 including Amendment A1:2000 EN 61000-4-6:2007 IEC 61000-4-6:2007 ISO 11452-4:2001 95/54/EC, Annexes I, VII, VIII and IX ECE Regulation 97:1996 2004/104/EC Annex IX 11452-4:2005 ECE Regulation 10.2:1997 EN 61000-4-6:2009 IEC 61000-4-6:2008	D D D D D D D D D D
	1.12 Surge Immunity Waveforms: 10/700 µs 100/700 µs 0.5/700 µs 0.2 kV to 6 kV 1.2/50 (8/20) µs Common mode Differential mode	EN 61000-4-5:1995 including Amendments A1 and A 2 2001 EN 61000-4-5:2006 IEC 61000-4-5:1995 including Amendment A1 2000 IEC 61000-4-5:2005	D D
	1.13 Voltage Variations and Deviations: DC Power Ports	EN 61000-4-11:1994 Including Amendment A1:2001 IEC 61000-4-11:1994 Including Amendment A1:2000 IEC 61000-4-11:2001 EN 61000-4-11:2004 IEC 61000-4-11:2004	D, C D, C D, C D, C D, C



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As listed on Pages 3, 4, and 5	1 EMC Testing (cont'd)		
	1.14 AC Power Ports Voltage Dips, Interruptions and Fluctuations (Immunity): Voltage Dips: up to 100% Voltage Reductions: up to 100% Voltage Fluctuations: up to 100%	EN 61000-4-11:1994 Including Amendment A1:2001 IEC 61000-4-11:1994 Including Amendment A1:2000 IEC 61000-4-11:2001 EN 61000-4-11:2004 IEC 61000-4-11:2004	D, C D, C D, C D, C D, C
	1.15 Power-Frequency Magnetic Fields (Immunity) Frequency: 15 Hz to 1.5 kHz Field strength: up to 300 A/m	EN 61000-4-8:1994 Incorporating Amdt A1:2001 IEC 61000-4-8:1993 Incorporating Amdt A1:2000 IEC 61000-4-8:2009 * - using the Helmholtz Coil A095	D D D
1.16 Power-Frequency Magnetic Fields (Immunity) (Pulsed) Field strength: up to 300 A/m	EN 61000-4-9:1994 including Amendment A1:2001* IEC 61000-4-9:1993 including Amendment A1:2000* * - using the current loop A1977	D D	
Motor Vehicle Accessories and Components	1.17 Electrical Transients in Motor Vehicles: 12 V vehicle systems	ISO 7637-1:1990 and 2002 ISO 7637-2:1990 and 2004 Pulses 1a, 1b (Max test voltage - 600V) Pulse 2 (RI limited to 10 Ω or 50 Ω) Pulses 3a, 3b, 4, 5 ISO 7637-3:1995 Pulse types 1, 2, 3a, 3b, 4, 5, 6 and 7 2004/104/EC Annex X	D



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Marine Radio Equipment Land Mobile Radio Equipment Fixed Link Radio Equipment (cont'd)	2 Radio Transmitter and Receiver Testing (cont'd)		
	2.6 Bit Error Rate Measurements	EN 300 220-2:V2.1.2:2007 Draft EN 300 220-2:V2.3.1:2009 EN 300 224-1:V1.3.1:2001	D, C D, C D, C
	2.7 Blocking and Desensitisation 9 kHz to 110 GHz	EN 300 234:V1.3.2:2002 EN 300 296-1:V1.1.1:2001 EN 300 296-1:V1.2.1:2009 EN 300 296-2:V1.1.1:2001	D, C D, C D, C D, C
	2.8 Co-Channel Rejection 100 kHz to 40 GHz	EN 300 296-2:V1.2.1:2009 EN 300 328:V1.6.1:2004 EN 300 328:V1.7.1:2006-10	D, C D D
	2.9 Code Squelch 30 MHz to 1 GHz	EN 300 330-1:V1.3.1:2001 EN 300 330-1:V1.3.2:2002 EN 300 330-1:V1.5.1:2006	D D, C D, C
	2.10 Effective Receiver Sensitivity 100 kHz to 75 GHz	EN 300 330-2:V1.3.1:2006 EN 300 422-1:V1.3.2:2008 EN 300 422-2:V1.2.2:2008 EN 300 674:V1.1.1:1999	D, C D, C D, C D, C
	2.11 Emissions - Conducted 100 Hz to 110 GHz	EN 301 087:V7.2.1:2000 EN 301 087:V8.2.1:2000 EN 301 087:V8.2.0:2000	D C D
	2.12 Emissions - Effective Radiated Power 9 kHz to 110 GHz	EN 301 126-1 V1.1.2 (1999-09) EN 301 357-1:V1.4.1:2008 EN 301 357-2:V1.4.1:2008 EN 301 502:V8.1.2:2001	D, C D, C D, C D, C
	2.13 Frequency Error 9 kHz to 110 GHz	EN 301 893:V1.5.1:2008 EN 301 908-1 V3.2.1 (2007-05) EN 302 208-1 V1.1.1 (2004-09)	D D D
	2.14 Frequency Range 9 kHz to 170 GHz	EN 302 208-2 V1.1.1 (2004-09) Draft EN 302 217-1:V1.1.1:2003 Draft EN 302 217-2-1:V1.1.1:2003	D, C D, C
	2.15 Frequency Stability 9 kHz to 110 GHz	EN 302 217-2-2:V1.2.3:(2007-09) EN 302 217-2-2:V1.3.1:(2009-04)	D, C D, C
	2.16 Intermodulation Attenuation 100 kHz to 110 GHz	Draft EN 302 217-3:V1.1.1:2003 GSM 11.21:1995 AS/NZS 4268:2003	D, C D D, C
	2.17 Intermodulation Response (2 and 3 Generator Method) 9 kHz to 26.5 GHz	AS/NZS 4281:1995 AS 4295:1995 TB 94-046:1994 EN 302 291-1 V1.1.1 (2005-07) EN 302 291-2 V1.1.1 (2005-07) EN 302 326-1:V1.2.2:2007	D D D D D D, C



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Marine Radio Equipment Land Mobile Radio Equipment Fixed Link Radio Equipment (cont'd)	2 Radio Transmitter and Receiver Testing (cont'd)		
	2.18 Maximum Frequency Deviation 9 kHz to 100 kHz	EN 302 326-2:V1.2.2:2007 Annex 11 to the Ministerial Decree of 19 th October 1979 relating to private radio-communications:Dec 1990	D, C
	2.19 Maximum Useable Sensitivity 9 kHz to 40 GHz	TS 101 087:V8.9.0:2003 TS 151 021:V5.3.0:2003 FCC 47CFR2:2009	D, C D, C D
	2.20 Modulation Distortion (SINAD) 30 MHz to 1 GHz	FCC 47CFR15:2009 FCC 47CFR18:2009 FCC 47CFR22:2009 FCC 47CFR24:2009	D D D D
	2.21 Modulation Frequency Characteristics 50 Hz to 20 kHz	FCC 47CFR25:2009 FCC 47CFR27:2009 FCC 47CFR90:2009 FCC 47CFR101:2009	D D D D
	2.22 Out of Band Power 9 Hz to 110 GHz	RSS-Gen Issue 2, June 2007 RSS-111 Issue 3, June 2009 RSS-118 Issue 2, August 1990	D D D
	2.23 Permitted Range of Operation Frequencies 9 Hz to 110 GHz	RSS-119 Issue 9, June 2007 RSS-125 Issue 2, Rev 1, March 2000 RSS-132 Issue 2, September 2005	D D D
	2.24 Power Rise and/or Fall Time (transients) 30 MHz to 1 GHz	RSS-133 Issue 5, February 2009 RSS-137 Issue 2, February 2009 RSS-142 Issue 3, December 2007 RSS-170 Issue 1, Rev 1, November 1999	D D D D
	2.25 Receiver Desensitisation 100 kHz to 110 GHz	RSS-191 Issue 3, April 2008 RSS-195 Issue 1, January 1, 2004 RSS-210 Issue 7, June 2007	D D D
	2.26 Reference (Receiver) Sensitivity 9 kHz to 40 GHz		
	2.27 Relative Humidity 20% to 75%		
	2.28 Selectivity 90 dB		
	2.29 Spurious Emissions 20 Hz to 170 GHz		



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Marine Radio Equipment Land Mobile Radio Equipment Fixed Link Radio Equipment (cont'd)	<p>2 Radio Transmitter and Receiver Testing (cont'd)</p> <p>2.30 Spurious Response Rejection 9 kHz to 110 GHz</p> <p>2.31 Temperature -45°C to 75°C</p> <p>2.32 Transient Frequency Behaviour 30 MHz to 1 GHz</p> <p>2.33 Transmitter Carrier Power 10µW to 2 kW</p> <p>2.34 Transmitter Transients 30 MHz to 40 GHz</p> <p>Note: Microwave antenna performance measurements and Analogue link equipment performance measurements are excluded from the scope of this Schedule.</p>		
GSM 850 Mobile Stations GSM 900 Mobile Stations GSM 1800 Mobile Stations GSM 1900 Mobile Stations UMTS User Equipment	<p>3 Telecommunications Testing</p> <p>Summary of Standards: 3GPP TS51.010-1 3GPP TS51.010-4 (GSM11.10-4) BAPT/SITS/92/50 ETS 300 607-1 ETS 300 607-3 ETSI 102-230 3GPP TS31.121 3GPP TS34.121-1 3GPP TS34.123-1 ETSI 301-908-2 OMA IOP-ETS-MMS TS26.132 TS31.124</p>		A, C, E A, C, E A A, C A, C A, C, E A, C, E C, E C, E C C A, C A, C



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GSM 850 Mobile Stations GSM 900 Mobile Stations GSM 1800 Mobile Stations GSM 1900 Mobile Stations UMTS User Equipment (cont'd)	3 Telecommunications Testing (cont'd) RF and Signalling Parameters 3.1 Rohde & Schwarz TS8950G Supported Options: <i>All RF, GSM 850, GSM 900, GSM 1800, GSM 1900, EDGE, AMR RF, GPRS, GSM, Section 21.x</i>	ETSI 300 607-1 BAPT/SITS/92/50 3GPP TS 51.010-1	E
	3.2 Anite SAT(A) Supported Options: <i>GSM 850, GSM 900, GSM 1800, GSM 1900, Layer 2, Layer 3, SIM, GPRS</i>	ETSI 300 607-1 ETSI 300 607-3 BAPT/SITS/92/50 3GPP TS 51.010-1	
	3.3 ORGA IT3 Supported Options: <i>SIM, SIM Application Toolkit, USIM, USIM Application Toolkit</i>	ETSI 300 607-1 BAPT/SITS/92/50 3GPP TS 51.010 -1 ETSI 102-230 3GPP TS31.121 3GPP TS51.010-4 (GSM11.10-4) TS31.124	A A A, E A, E A, E A
	3.4 Rohde and Schwarz CRTUG Supported Options: <i>GPRS, EGPRS, Circuit Switch Test Cases, SIM Toolkit</i>	ETSI 300 607-1 BAPT/SITS/92/50 3GPP TS51.010-1 3GPP TS51.010-4 (GSM11.10-4)	E E



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GSM 850 Mobile Stations GSM 900 Mobile Stations GSM 1800 Mobile Stations GSM 1900 Mobile Stations UMTS User Equipment (cont'd)	3 Telecommunications Testing (cont'd) RF and Signalling Parameters (cont'd) 3.5 Rohde and Schwarz CRTUW Supported Options: <i>Protocol Conformance Test Cases</i>	3GPP TS34.123-1 3GPP TS51.010-1 3GPP TS31.121	E E E
	3.6 Audio Testing Digital Audio Interface, and Over the Air Audio Testing UPL16 + CMU200	ETSI 300 607-1 BABT/SITS/92/50 3GPP TS 51.010-1 3GPP TS 26.132	A A A A
	3.7 Rohde and Schwarz TS8950W <i>Tx, Rx, Performance</i>	3GPP TS34.121-1 ETSI 301-908-2 TS134.121-1	E
	3.8 Rohde and Schwarz CRTU-RRM <i>RRM Tests</i>	3GPP TS34.121-1 ETSI 301-908-2 TS134.121-1	E
	3.9 Support Equipment Vibration Platform, Environmental Chambers		A, E A, E
	3.10 Radiated Spurious Emissions	3GPP TS 51.010-1 (12.2.x) EN 301 908-1 V2.2.1(2003-10) EN 301 908-1 V3.2.1 (200-05)	D D



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	<p>4 SAR Tests</p> <p>4.1 Specific Absorption Rate 450 MHz (Tetra), 900 MHz 1800 MHz and 1900 MHz</p> <p>including the use of the DASY4 system</p>	<p>IEEE C95.3:1997 AS/NZS 2772.2:1998 Radio communications (Electromagnetic Radiation - Human Exposure) Standard 1999 including Amendment 1:2000 AS 2003 Radio communications (Electromagnetic Radiation - Human Exposure) Standard 2003 EN 50360:2001 EN 50361:2001 IEC 62209-1:2005 IEEE 1528 2003</p>	A
Bluetooth Devices	<p>5 Bluetooth Tests</p> <p>5.1 RF Transmitter, Transceiver and Receiver Tests</p>	<p><i>BLUETOOTH CORE SPECIFICATION Version 1.2 Volume 2 Part A Radio Specification</i></p> <p><i>BLUETOOTH CORE SPECIFICATION Version 2.0+EDR Volume 2 Part A Radio Specification</i></p> <p><i>BLUETOOTH CORE SPECIFICATION Version 2.1+ EDR Volume 2 Part A Radio Specification</i></p> <p>Radio Frequency Test Suite Structure (TSS) and Test Purposes (TP) System Specification 1.2/2.0/2.0 + EDR/ 2.1/2.1 + EDR</p>	D



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United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

RFI Global Services Ltd
Issue No: 106 Issue date: 15 December 2009

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<i>Bluetooth Devices (cont'd)</i>	5 Bluetooth Tests (cont'd) 5.2 Protocol and Profile Tests	BLUETOOTH CORE SPECIFICATION Version 1.2 Volume 2 Part B Baseband Volume 2 Part C Link Manager Volume 2 Part E Host Controller Interface Volume 3 Part A L2CAP Volume 3 Part B Service Discovery Protocol Volume 3 Part C Generic Access Profile	D
		BLUETOOTH CORE SPECIFICATION Version 2.0 + EDR Volume 2 Part B Baseband Volume 2 Part C Link Manager Volume 2 Part E Host Controller Interface Volume 3 Part A L2CAP Volume 3 Part B Service Discovery Protocol Volume 3 Part C Generic Access Profile	D
		BLUETOOTH CORE SPECIFICATION Version 2.1 + EDR Volume 2 Part B Baseband Volume 2 Part C Link Manager Volume 2 Part E Host Controller Interface Volume 3 Part A L2CAP Volume 3 Part B Service Discovery Protocol Volume 3 Part C Generic Access	D
		RFCOMM Protocol Specification 1.1 (Test Suite Structure (TSS) and Test Purposes (TP)) Serial Port Profile Test Suite Structure (TSS) and Test Purposes	D



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Terminals: Level 2	<p>6 Smart Card Testing</p> <p>Static Kernel</p> <p>Multi Configurable Kernel</p> <p>Kernel With Multiple Pin Pad</p> <p>Tools:</p> <ul style="list-style-type: none"> • ICCSimTT software and test cards • Kasys Kanest ICC software and Probe hardware • EVAL software and Probe hardware 	EMVCo Type Approval Level 2 Test Cases, Version 4.x	A
Terminals: Contactless	<p>Pre-validation Test</p> <p>Tools</p> <ul style="list-style-type: none"> • RFI Analogue Test Bench 	EMVCo Type Approval Contactless Terminal Level 1 Pre-Validation Test version 1.x	A
	<p>Level 1 Analogue Test</p> <p>Tools</p> <ul style="list-style-type: none"> • RFI Analogue Test Bench 	EMVCo Contactless Type Approval: PCD Analogue Test Bench and Test Case Requirements Version 2.x	A
	<p>Level 1 Digital Test</p> <p>Tools</p> <ul style="list-style-type: none"> • Integri INQ Platform with Micropross MP300SCL1 Reader 	EMV Contactless Terminal Type Approval Level 1 Test Bench Description Executable tests TPP/EXE - Version 2.x	A



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Cards: Contact	6 Smart Card Testing (cont'd)		
	Level 1 - Electrical and Protocol Tools • Micropross Must software and MP300 reader	Visa Card EMV Level 1 Test Plan	A
	Level 2 - Application and Platform	Test Plan for Visa Global Platform 2.0.1' Card Implementation Requirements 2.0, Books 1-5	A
		Test Plan for Visa Global Platform 2.1.1 Card Implementation Requirements 1.0, Errata 2.1.1 Test plan 2.1.1a Books 1-4	A
		Test Plan for Visa Global Platform - S V1.0 Test Plan for Visa ICC Specification (VIS) 1.4.0, Visa Smart Debit\Credit, Books 1 to 4	A
	Tools ICCSimCT software and Contact Smart Card reader		



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Cards: Contactless	6 Smart Card Testing (cont'd)		
	Contactless Payment Application Testing	VCPS 2.0.2 Card Test Plan, Books 1-5	A
	Contactless Digital Type A and Type B Interface Testing	- PayPass Card Type Approval: Test Bench Description Executable Tests Modified Version to Test Contactless Card with Visa Applications	A
	Tools: ICCSimCT and ICCSimCTC software and Contactless Smart Card reader		
	INTEGR I INQ Test tool software and Micropross MP300 TCL1 hardware		
END			