

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>MBDA UK Limited</h3> <p>Issue No: 018 Issue date: 27 January 2011</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
ADHESIVE MASTICS AND SEALANTS AEROSPACE EQUIPMENT AEROSPACE MATERIALS AEROSPACE STRUCTURES CERAMICS AND PRODUCTS CIRCUIT BREAKERS AND SWITCHES COATINGS: METALLIC COMPUTERS AND PERIPHERALS ELECTRICAL/ELECTRONIC COMPONENTS ELECTRICAL/ELECTRONIC CONNECTORS ELECTRICAL/ELECTRONIC PRODUCTS ELECTRICAL CABLES ELECTRO-MECHANICAL DEVICES ENGINE COMPONENTS ENCLOSURES FOR ELECTRICAL EQUIPMENT FANS FIRE PREVENTION AND DETECTION EQUIPMENT FUZES: WEAPONS INSTRUMENTS, INDICATING, RECORDING INSULATING MATERIALS (ELECTRICAL)	<p><u>EMC Tests</u></p> <p>1 Conducted Emissions 20 Hz - 150 MHz</p>	<p>DEF STAN 59-41:October 1995 (Part 3, Issue 5) Not Part 4 DCE01, DCE02, DCE03</p> <p>DEF STAN 59-41Part 3 Section 3 Issue 1, March 2003 DCE01.3, DCE02.3, DCE03.3</p> <p>Def Stan 59/411 part 3 issue 1:2007 + Amendment 1:2008 DCE01, DCE02, DCE03</p> <p>Mil Std 461D CE101, CE102</p> <p>Mil Std 461E CE101, CE102</p> <p>EFA SPE-J-000-E-1000:Issue 1, February 1991 CE-EFA-1, CE-EFA-2, CE-EFA-3</p> <p>SP-P-90-010 September 1992 CE-TOR-1, CE-TOR-2, CE-TOR-3</p>



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Continued from previous page INSULATING MATERIALS (THERMAL) LAMINATES AND FIBRE COMPOSITES MAGNETIC MATERIALS MARINE EQUIPMENT MEASURING EQUIPMENT MECHANICAL PRODUCTS MEDICAL/DENTAL EQUIPMENT METAL PRODUCTS METALS AND ALLOYS (FERROUS) METALS AND ALLOYS (NON-FERROUS) MICRO-ELECTRONIC CIRCUITS AND COMPONENTS MISSILE COMPONENTS MISSILES, GUIDED MISSILES, UNGUIDED MOTOR VEHICLE ACCESSORIES AND COMPONENTS MOTOR VEHICLES MOTORS AND GENERATORS, ELECTRICAL OFFICE EQUIPMENT, ELECTRICAL OPTICAL AND PHOTO-METRIC EQUIPMENT PACKAGES AND PACKING MATERIAL PLASTICS AND PRODUCTS POLYMERS AND PRODUCTS PLUGS AND SOCKETS POWER SUPPLIES RADAR EQUIPMENT RADIO AND TV EQUIPMENT SATELLITES AND SUB-ASSEMBLIES SONAR EQUIPMENT STRUCTURES TELECOMMUNICATION EQUIPMENT TEXTILES WEAPONS AND SUB-ASSEMBLIES WELDMENTS	<u>EMC Tests (cont'd)</u> 2 Conducted Susceptibility 20 Hz - 400 MHz	DEF STAN 59-41:October 1995 (Part 3, Issue 5) Not Part 4 DCS01, DCS02, DCS03 DCS04 Type 1, DCS04 Type 2 DCS05, DCS06, DCS07, DCS08, DCS 09, DCS 10, DCS 11, DCS12 DEF STAN 59-41 Part 3, Section 3 Issue 1, March 2003 DCS01.3, DCS02.3, DCS03.3 DCS04.3 Type 1, DCS04.3 Type 2 DCS05.3, DCS06.3 DCS08.3, DCS09.3, DCS 10.3 DCS12.3 Def Stan 59/411 part 3 issue 1:2007 + Amendment 1:2008 DCS 01.B, DCS 02.B, DCS 03.B DCS 04.B, Type 1, DCS04.B Type 2 DCS05, DCS06, DCS08, DCS 10, DCS12 MIL STD 461D:November 1993 CS 101, CS 114, CS 115, CS 116 MIL STD 461E: CS 101, CS 114, CS 115, CS 116 EFA SPE-J-000-E-1000:Issue 1 February 1991 CS-EFA-1, CS-EFA-2, CS EFA 4 SP-P-90-010 September 1992 CS-TOR-1, CS-TOR-2, CS-TOR-4
	3 Radiated Emissions, Electric Field 14 kHz - 40 GHz	DEF STAN 59-41:October 1995 (Part 3, Issue 5)Not Part 4 DRE01 DEF STAN 59-41Part 3, Section 3 Issue 1, March 2003 DRE01.3



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Continued from previous page VEHICLES WINDOWS	<u>EMC Tests</u> (cont'd)	
	3 Radiated Emissions, Electric Field (cont'd)	Def Stan 59/411 part 3 issue 1:2007 + Amendment 1:2008 DRE01 DRE03 MIL STD 461D:November 1993 RE 102 MIL STD 461E RE 102 EFA SPE-J-000-E-1000:Issue 1, February 1991 RE-EFA-1 SP-P-90-010 September 1992 RE-TOR-1
	4 Radiated Emissions Magnetic Fields 20 Hz - 50 kHz	DEF STAN 59-41:October 1995, Part 3, Issue 5 DRE02 DEF STAN 59-41 Part 3, Section 3, Issue 1, March 2003 DRE02.3 Def Stan 59/411 part 3 issue 1:2007 + Amendment 1:2008 DRE02 MIL STD 461D:November 1993 RE 101 MIL STD 461E RE 101



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As listed on Page 1 to 3	<p><u>EMC Tests (cont'd)</u></p> <p>5 Radiated Susceptibility Electric Fields 10 kHz - 40 GHz CW or Modulated (Peak Levels): 10 kHz-22 MHz at 200V/m 22 MHz-33 MHz at 50V/m 33 MHz-150 MHz 20 to 100V/m 150 MHz-400 MHz 100 to 200V/m 400 MHz-1 GHz 300V/m</p> <p>1 GHz-40 GHz 100 to 300V/m</p> <p>Including Mode tuned reverberation chamber 1GHz to 18 GHz Up to 4000 V/m CW Up to 8000 V/m Pulsed</p> <p>18 to 40 GHz Up to 1600 V/m CW</p> <p>Peak Pulsed Fields (at 6%) Duty Cycle: 1 - 5 GHz 400-1500 V/m 5 - 18 GHz 300 V/m (typically at 7 dB to 14 dB below full power)</p>	<p>DEF STAN 59-41:October 1995 (Part 3, Issue 5) DRS02</p> <p>DEF STAN 59-41 Part 3, Section 3 Issue 1, 2003 DRS02.3</p> <p>Def Stan 59/411 part 3 issue 1:2007 + Amendment 1:2008 DRS02 RS-TOR-2</p> <p>MIL STD 461D:November 1993 RS 103 MIL STD 461E RS103</p> <p>Def Stan 59/411 part 3 issue 1:2007 + Amendment 1:2008 DRS02 Alternative Method</p> <p>BS EN 61000-4-21:2003 Annex D</p> <p>EFA SPE-J-000-E-1000:Issue 1 February 1991 RS-EFA-3</p> <p>SP-P-90-010 September 1992 RS-TOR-3</p>



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As listed on Page 1 to 3	<p><u>EMC Tests (cont'd)</u></p> <p>6 Radiated Susceptibility Magnetic Fields 20 Hz - 100 kHz Plus DC and Spikes</p>	<p>DEF STAN 59-41:October 1995 (Part 3, Issue 5) DRS01 DEF STAN 59-41 Part 3 Section 3 Issue 1, 2003 DRS01.3 Def Stan 59/411 part 3 issue 1:2007 + Amendment 1:2008 DRS 01 MIL STD 461D:November 1993 RS 101 MIL STD 461E RS 101 EFA SPE-J-000-E-1000:Issue 1 February 1991 RS-EFA-01 SP-P-90-010 September 1992 RS-TOR-1</p>
	<p>Screened Room 1 Anechoic</p> <p>11 m x 6 m x 5 m High with accesses door 3 m x 3 m wide plus personnel door</p> <p>Fully lined with TDK Ferrite and RAM</p> <p>Filtered Power Supplies Available</p> <p>50 Hz Single Phase 50 Hz Three Phase 60 Hz Three Phase 400 Hz Three Phase Plus DC Filters available</p>	



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	Screened Room 1 Anechoic (cont'd) Reduced Volume reverberation chamber: Chamber: (1.26 m ³ X = 1.29 m, Y = 1.1 m, Z = 0.89 m) Door Opening: 0.495 m Wide, 0.6 m high Calibrated Volume: X = 0.73 m, Y = 0.9 m, Z = 0.69 m	
	END	