Curtis-Straus Test Report

Report No EF0064-1

Client Beltronics USA, Inc.

5442 West Chester Road

West Chester, OH 45069

Phone (513)-870-8535 Fax (513)-870-8523

FRN 0007600588

Model 795

FCC ID QL4G4M2RS

Equipment Type Radar Detector **Equipment Code CRD**

> Results As detailed within this report

Prepared by Evan Gould - Test Engineer

Authorized by Michael Buchholz – EMC Manager

Issue Date 2/10/05

Conditions of issue This Test Report is issued subject to the conditions stated in 'terms and conditions' section of this report.

Curtis-Straus LLC is accredited by the American Association for Laboratory Accreditation for the specific scope of accreditation under Certificate Number 1627-01. This report may contain data which is not covered by the A2LA accreditation.



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Summary

This report is an application for Certification of a radar detector operating pursuant to 47 CFR 15.109(h). This report is designed to demonstrate the compliance of the 795 with the requirements outlined in Part 15 (using the methods outlined in Part 2) of 47 CFR.

Statement of Conformity

47 CFR 15.109(h) states that "Radar detectors shall comply with the emissions limits...of [section 15.109(a)] over the frequency range of 11.7 – 12.2GHz." The applicable limit being 500μV/m measured at a distance of 3m. The Beltronics 795 has been tested and found to comply with this requirement:

Test Methodology

Radiated emission testing was performed according to the procedures in ANSI C63.4 (2003). The testing was performed at a distance of 1 meter. The device's performance was investigated in the range 11.7-12.2GHz. The 795 was powered by an HP E3612A variable DC power supply. Since the device is a hand-held unit, the emissions were maximized around the three orthogonal axes and the maximum reading was recorded. The integrated antenna cannot be maximized separately.



Test Equipment Used

REV. 21-DEC-2004

SPECTRUM ANALYZER	RANGE	MN	MFR	S	SN	ASSET	CALIBRATION DUE
Orange	9kHz-26.5GHz	E4407B	HP	US394	440975	00394	05-NOV-2005
OPEN AREA TEST SI	TE (OATS)	FCC CODE	IC	CODE	VCCI	CODE	CALIBRATION DUE
SITE T		93448	IC	2762-T	R-9	905	25-MAR-2005
ANTENNA	RANGE	MN	MFR	SN		ASSET	CALIBRATION DUE
YELLOW HORN	1-18GHz	3115	EMCO	9608-48	398	00037	22-MAY-2005(EMI)
PREAMP	RANGE	MN		MFR	SN	ASSET	CALIBRATION DUE
ORANGE-BLACK	1-20GHz	SMC-12A	١	C-S	637367	00761	21-JUL-2005

Unless otherwise noted the calibration interval is one year. All equipment is calibrated using standards traceable to NIST or other nationally recognized calibration standard.

Radiated Emissions Measurements

LIMIT

Average: $500\mu V/m = 54dB\mu V/m @ 3m [15.109(a)]$

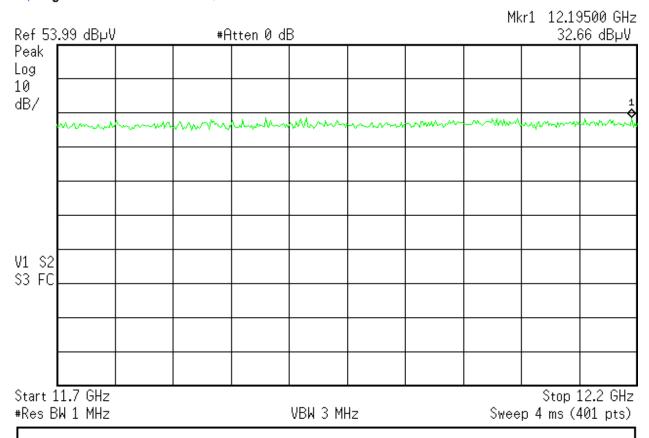
Note: If peak measurements meet the Average limit, then Average measurements are not required.

MEASUREMENTS

Radiated	l Emissi	ons Tab	ole					Curtis -S	traus LLC
Date:	27-Jan-05			Company:	Escort		V	Vork Order:	F0064
Engineer:	Evan Gould			EUT Desc:	795				
	Freque	ncy Range:	11.7-12.2G	Hz		Measuremen	nt Distance:	1 m	
Notes:						EU ⁻	Г Max Freq:		
Antenna			Preamp	Antenna	Cable	Adjusted		47 CFR 15.2	09
Polarization	Frequency	Reading	Factor	Factor	Factor	Reading	Limit	Margin	Result
(H / V)	(MHz)	(dBµV)	(dB)	(dB/m)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	(Pass/Fail)
noise floor	12195.0	32.7	21.5	39.2	3.0	53.4	63.5	-10.1	Pass
Table	e Result:	Pass	by	-10.1	dB	Wo	orst Freq:	12195.0	MHz
Test Site:	"A"	Pre-Amp:	Or-Blk	Cable:	9 Microflex	Analyzer:	Orange	Antenna:	Yellow Horn

ANALYZER PLOT

*** Agilent** 19:08:30 Jan 27, 2005



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Terms And Conditions

Paragraph 1. SERVICES. LABORATORY will:

Use the degree of care and skill ordinarily exercised by and consistent with the standards of the profession.

Perform all technical services in substantial accordance with the generally accepted laboratory principles and practices.

Retain all pertinent records relating to the services performed for a period of three (3) years following submission of the report describing 1.3 such services, during which period the records will be made available to CLIENT upon reasonable request.

Paragraph 2. CLIENT'S RESPONSIBILITIES. CLIENT or his authorized representative will:

Provide LABORATORY with all plans, schematics, specifications, addenda, change orders, drawings and other information for the proper 2.1

performance of technical services.

Designate a person to act as CLIENT's representative with respect to LABORATORY's services to be performed on behalf of the 2.2 CLIENT; such person or firm to have complete authority to transmit instructions, receive information and data, interpret and define CLIENT's policies and decisions with respect to the LABORATORY's work on behalf of the CLIENT and to order, at CLIENT's expense, such technical services as may be required.

Designate a person who is authorized to receive copies of LABORATORY's reports.

Undertake the following:

- (a) Secure and deliver to LABORATORY, without cost to LABORATORY, preliminary representative samples of the equipment proposed to require technical services, together with any relevant data.
- Furnish such labor and equipment needed by LABORATORY to handle samples at the LABORATORY and to facilitate the specified

Paragraph 3. GENERAL CONDITIONS:

- LABORATORY, by the performance of services covered hereunder, does not in any way assume any of those duties or responsibilities customarily vested in the CLIENT, its employees, or any other party, agency or authority.
- LABORATORY shall not be responsible for acts of omissions of any other party or parties involved in the design, manufacture or maintenance of the equipment or the failure of any employee, contractor or subcontractor to undertake any aspect of equipment's design, manufacture or maintenance.
- 3.3 LABORATORY is not authorized to revoke, alter, release, enlarge or release any requirement of the equipment's design, manufacture or maintenance unless specifically authorized by CLIENT or his authorized representative.

 THE ONLY WARRANTY MADE BY LABORATORY IN CONNECTION WITH ITS SERVICE PERFORMED HEREUNDER IS
- THAT IT WILL USE THAT DEGREE OF CARE AND SKILL AS SET FORTH IN PARAGRAPH I ABOVE. NO OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE OR INTENDED FOR SERVICES PROVIDED HEREUNDER.
- Where the LABORATORY indicates that additional testing is advisable to obtain more valid or useful data, and where such testing has not been authorized, CLIENT agrees to view such test reports as inconclusive and preliminary. 3.5
- The LABORATORY will supply technical service and prepare a report based solely on the sample submitted to the LABORATORY by the CLIENT. The CLIENT understands that application of the data to other devices is highly speculative and should be applied with 3.6 extreme caution.
- The LABORATORY agrees to exercise ordinary care in receiving, preserving and shipping (F.O.B. Littleton, MA) any sample to be tested, but assumes no responsibility for damages, either direct or consequential, which arise from loss, damage or destruction of the samples due to the act of examination, modification or testing, or technical services or circumstances beyond LABORATORY's control.
- 3.8 The LABORATORY will hold samples for thirty (30) days after tests are completed, or until the CLIENT's outstanding debts to the LABORATORY are satisfied, whichever is later.
- The CLIENT recognizes that generally accepted error variances apply and agrees to consider such error variances in its use of test data.
- It is agreed between LABORATORY and CLIENT that no distribution of any tests, reports or analysis other than that described below shall be made to any third party without the prior written consent of both parties unless such distribution is mandated by operation of law. It is agreed that tests, reports, or analysis results may be disclosed to third party auditors of the laboratory at the laboratory facility in the course of accreditation maintenance audits. No reference to reports or technical services of the LABORATORY shall be made in any
- advertising or promotional literature without the express written permission of the LABORATORY.

 3.11 The CLIENT acknowledges that all employees of LABORATORY operate under employment contracts with the LABORATORY and
- CLIENT agrees not to solicit employment of such employees or to solicit information related to other clients from said employees.

 3.12 In recognition of the relative risks and benefits of the project to both CLIENT and LABORATORY, the risks have been allocated such that the CLIENT agrees, to the fullest extent permitted by law, to limit the liability of the LABORATORY to the CLIENT for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, including attorneys' fees and costs and expert witness fees and costs, so that the total aggregate liability of the LABORATORY to the CLIENT shall not exceed \$100,000, or the LABORATORY'S total fee for services rendered on this project, whichever is greater. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

Paragraph 4. INSURANCE:

- LABORATORY shall secure and maintain throughout the full period of the services provided to the CLIENT adequate insurance to protect it from claims under applicable Workmen's Compensation Acts and also shall maintain one million dollars of general liability coverage to cover claims for bodily injury, death or property damage as may arise from the performance of its services
- 4.2 The CLIENT hereby warrants that it has sufficient insurance to protect its employees adequately under applicable Workmen's Compensation Acts and for bodily injury, death, or property damage.
- No insurance of whatever kind or type, which may be carried by either party is to be considered as in any way limiting any other party's responsibility for damages resulting from their operations or for furnishing work and materials.

Paragraph 5. PAYMENT:

CLIENT shall pay to LABORATORY such fees for services as previously agreed, orally or in writing, within 30 days of presentment of a bill for such services performed. In the event CLIENT ordered, orally or in writing, services but such services were not assigned a rate for billing, such services shall be billed at the LABORATORY's reasonable and customary rate.

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CLIENT shall be responsible for all shipping, customs and other expenses related to services provided by LABORATORY to the CLIENT, and shall fully insure any test sample or other equipment provided to LABORATORY by the CLIENT. Amounts overdue from CLIENT to LABORATORY shall be charged interest at a rate of 1½% per month.

Paragraph 6. ISO/IEC GUIDE 17025 ADDITIONS:

- CLIENT agrees that this test report will not be reproduced except in full, without written approval from the LABORATORY. CLIENT agrees that this test report shall not be used to claim product endorsement by A2LA or ANSI or any agency of the U.S. 6.2
- 6.3 CLIENT agrees that test results presented herein relate only to the sample tested by the LABORATORY.



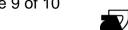
A2LA Accreditation

SCOPE OF ACCE	REDITATION TO ISO/IEC 17025-1999	EN 55011 1991, 1998	Limits and methods of measurement of radio disturbance characteristics of industrial, scientific and medical (ISM) radio-
	CURTIS-STRAUS ¹ 527 Great Road	SABS CISPR 11:1997	frequency equipment. Industrial, scientific and medical (ISM) radio-frequency equipment – Electromagnetic disturbance characteristics Limits and methods of
	Littleton, MA 01460 inlan Phone: 978-486-8880	Canada ICES-001 1998	measurement Industrial, scientific and medical radio frequency generators
Barry Qu	man Fnone. 970-480-8880	CNS13803	Industrial, Scientific and Medical Instrument
	ELECTRICAL	AS/NZS 2064: 1997	Limits and methods of measurement of electromagnetic disturbance
Valid until: July 31, 2005	Certificate Number: 1627-01		characteristics of industrial, scientific and medical (ISM) radio- frequency equipment.
		CSA C108.8 - M1983	Electromagnetic Emission from Data Processing Equipment and
In recognition of the successful completion of laboratory to perform the following <u>Electroma</u> <u>Safety tests</u> :	the A2LA evaluation process, accreditation is granted to this gnetic Compatibility (EMC), Telecommunications, and Product	CISPR 13:1996, 1998, 2001	Electronic Office Machines Limits and methods of measurement of radio interference characteristics of sound and television broadcast receivers and
Safety tests:			associated equipment.
Electrostatic Discharge testing; Electrical Fast testing; Lightning Immunity testing; Voltage I testing; RF Power measurements; Frequency S	tic fields); Conducted emissions testing (voltage and current); Transient testing; Radiated Immunity testing; Conducted Immunity Dips, Interrupts and Voltage Variations testing; Magnetic Immunity tability measurements; Longitudinal Induction measurements; pg; Low frequency disturbance voltage testing; Disturbance Power	EN 55013: 1990, 2001 EN 55013 Amend 12 1994	Sound and television broadcast receivers and associated equipment: Electromagnetic compatibility. Part 1: Specification for limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment. Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment.
measurements	ng, 25% requestly distarbance voltage testing, 25% distarbance 15% of		Amendment 12
EMC Standards	Title	SABS CISPR 13: 1996	Limits and methods of measurement of radio interference characteristics of sound and television broadcast receivers and
ENC Standards	<u>Title</u>		associated equipment.
Emissions		CNS 13439	Broadcast receiver and associated equipment Limits and methods of
CISPR 22 1997 with amendments 1 and 2	Limits and methods of measurement of radio disturbance characteristics of information technology equipment.	AS/NZS 1053: 1999	measurement of radio interference characteristics of sound and television broadcast receivers and associated equipment.
CNS13438 1994	Limits and methods of measurement of radio interference characteristics of information technology equipment.	CISPR 14 1993 (except discontinuous disturbances)	Limits and methods of measurement of radio disturbance characteristics of electrical motor- operated and thermal appliances for
EN55022:1994 and 1998	characteristics of information technology equipment. Limits and methods of measurement of radio disturbance characteristics of information technology equipment.	EN 55014 1993, 1997	household and similar purposes, electric tools and electric apparatus. Limits and methods of measurement of radio disturbance (except
SABS CISPR 22:1997	Information technology equipment – Radio disturbance	EN 55014 1993, 1997 discontinuous disturbances)	characteristics of electrical motor- operated and thermal appliances for
Canada ICES-003 1997	characteristics – Limits and methods of measurement Digital apparatus		household and similar purposes, electric tools and similar electric apparatus.
AS/NZS 3548 1995	Australian/New Zealand Standard Limits and methods of	AS/NZS 1044: 1995	Limits and methods of measurement of radio disturbance (except
	measurement of radio disturbance characteristics of information technology equipment	discontinuous disturbances)	characteristics of electrical motor- operated and thermal appliances for household and similar purposes, electric tools and similar electric
CISPR 11 1990, 1997, 1999	Limits and methods of measurement of electromagnetic		apparatus.
	disturbance characteristics of industrial, scientific and medical	* ·	
	(ISM) radio-frequency equipment.	Immunity CNS13783-1	Household Electrical Appliances
		SABS CISPR 14-1 1993	Electromagnetic compatibility - Requirements for household
Note: This accreditation covers testing perfor	rmed at the laboratory listed above and the satellite facility		appliances, electric tools and similar apparatus Part 1: Emission – Product family standard
located at 168 Ayer Rd, Littleton, MA 01460	,	SABS CISPR 14-2 1997 + A1:2001	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity - Product family standard
(A2LA Cert. No. 1627-01) 10/31/03	Page 1 of 11	(A2LA Cert. No. 1627-01) 10/31/03	Page 2 of 11
CISPR 14-2 1996, 1997 + A1:2001	Immunity requirements for household appliances, tools and	EN 61000-6-1: 1997, 2001	Electromagnetic Compatibility (EMC)- Part 6: Generic standards-
CISPR 20: 1995, 2002 with amendment 3	similar apparatus. Limits and methods of measurement of immunity characteristics		Section 1: Immunity for residential, commercial and light-industrial environments
(associated group only)	of sound and television broadcast receivers and associated	EN 61000-6-2: 1998, 2001	Electromagnetic Compatibility (EMC)- Part 6: Generic standards-
EN 55020: 1995, 2002	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and	EN 61000-6-2: 1998, 2001 EN 50091-2 1996	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC
	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics –		Electromagnetic Compatibility (EMC)- Part 6: Generic standards- section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits
EN 55020: 1995, 2002 (associated group only) CISPR 24	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement	EN 50091-2 1996 EN 55024 1998	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement.
EN 55020: 1995, 2002 (associated group only) CISPR 24 SABS CISPR 24 1997	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement Information technology equipment – Immunity characteristics – Limits and methods of measurement	EN 50091-2 1996	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement. Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for
EN 55020: 1995, 2002 (associated group only) CISPR 24	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement Information technology equipment – Immunity characteristics – Limits and methods of measurement Approval and test specification – Medical electrical Equipment	EN 50091-2 1996 EN 55024 1998 EN 55103-1 1997	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement. Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1: Emission
EN 55020: 1995, 2002 (associated group only) CISPR 24 SABS CISPR 24 1997	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement Information technology equipment – Immunity characteristics – Limits and methods of measurement	EN 50091-2 1996 EN 55024 1998	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement. Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1: Emission Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control professional use.
EN 55020: 1995, 2002 (associated group only) CISPR 24 SABS CISPR 24 1997 AS/NZS 3200.1.2: 1995	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement Information technology equipment – Immunity characteristics – Limits and methods of measurement Approval and test specification – Medical electrical Equipment – General requirements for safety – Collateral Standard:	EN 50091-2 1996 EN 55024 1998 EN 55103-1 1997 EN 55103-2 1997 (excluding Annex A3)	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement. Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1: Emission Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control professional use. Part 2: Immunity
EN 55020: 1995, 2002 (associated group only) CISPR 24 SABS CISPR 24 1997	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement Information technology equipment – Immunity characteristics – Limits and methods of measurement Approval and test specification – Medical electrical Equipment – General requirements for safety – Collateral Standard: Electromagnetic compatibility – Requirements and tests.	EN 50091-2 1996 EN 55024 1998 EN 55103-1 1997 EN 55103-2 1997	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement. Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1: Emission Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control professional use.
EN 55020: 1995, 2002 (associated group only) CISPR 24 SABS CISPR 24 1997 AS/NZS 3200.1.2: 1995 European Union Basic EMC Standards	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement Information technology equipment – Immunity characteristics – Limits and methods of measurement Approval and test specification – Medical electrical Equipment – General requirements for safety – Collateral Standard: Electromagnetic compatibility – Requirements and tests. Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 2: Electrostatic discharge	EN 50091-2 1996 EN 55024 1998 EN 55103-1 1997 EN 55103-2 1997 (excluding Annex A3)	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement. Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1: Emission Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control professional use. Part 2: Immunity Electrical equipment for measurement, control and laboratory use – EMC requirements Equipment for general lighting purposes – EMC immunity
EN 55020: 1995, 2002 (associated group only) CISPR 24 SABS CISPR 24 1997 AS/NZS 3200.1.2: 1995 European Union Basic EMC Standards EN 61000-4-2: 1995, 1999, 2001 EN 61000-4-3:1997, 1998, 2002	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement Information technology equipment – Immunity characteristics – Limits and methods of measurement Approval and test specification – Medical electrical Equipment – General requirements for safety – Collateral Standard: Electromagnetic compatibility – Requirements and tests. Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 2: Electrostatic discharge immunity test – Basic EMC Publication Electromagnetic compatibility (EMC). Part 4: Testing and Electromagnetic compatibility (EMC). Part 4: Testing and	EN 55091-2 1996 EN 55024 1998 EN 55103-1 1997 EN 55103-2 1997 (excluding Annex A3) EN 61326 1998	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement. Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1: Emission Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus les Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control professional use. Part 2: Immunity Electrical equipment for measurement, control and laboratory use – EMC requirements Equipment for general lighting purposes – EMC immunity requirements Alarm Systems. Part 4: Electromagnetic compatibility. Product family
EN 55020: 1995, 2002 (associated group only) CISPR 24 SABS CISPR 24 1997 AS/NZS 3200.1.2: 1995 European Union Basic EMC Standards EN 61000-4-2: 1995, 1999, 2001 EN 61000-4-3:1997, 1998, 2002 AS/NZS 61000.4.3 1999	of sound and television broadcast receivers and associated equipment. Electromagnetic immunity of broadcast receivers and Associated equipment. Information technology equipment – Immunity characteristics – Limits and methods of measurement Information technology equipment – Immunity characteristics – Limits and methods of measurement Approval and test specification – Medical electrical Equipment – General requirements for safety – Collateral Standard: Electromagnetic compatibility – Requirements and tests. Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 2: Electrostatic discharge immunity test – Basic EMC Publication Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 3: Radiated, radio-frequency, electromagnetic field immunity test	EN 50091-2 1996 EN 55024 1998 EN 55103-1 1997 EN 55103-2 1997 (excluding Annex A3) EN 61326 1998 EN 61547 1996 EN 50130-4 1996	Electromagnetic Compatibility (EMC)- Part 6: Generic standards- Section 2: Immunity for industrial environments Specification for Uninterruptible Power Systems (UPS). Part 2: EMC requirements Information technology equipment – Immunity Characteristics – Limits and methods of measurement. Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1: Emission Electromagnetic Compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control professional use. Part 2: Immunity Electrical equipment for measurement, control and laboratory use – EMC requirements Equipment for general lighting purposes – EMC immunity requirements Alarm Systems. Part 4: Electromagnetic compatibility. Product family standard: Immunity requirements for components of fire, intruder and social alarm systems.
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Product Safety	ngth tests; Impulse tests; Permanency of marking tests;	EN 60065 1994 IEC 60825 1990	Safety requirements for main operated electronic and related apparatus for household and similar general use. Radiation safety of laser products, equipment Classification,
Accessibility tests; Energy Hazard measureme	ngin lesss, impuise tests, Fernianency of marking tests, ents; Capacitor discharge tests; Humidity conditioning; Earthing ability tests; Steel ball tests; Lithium Battery Reverse Current	EN 60825-1 1994	Radiation safety of laser products, equipment Classification, requirements and user's guide Safety of laser products Part I: equipment Classification, requirements
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