

Test Report

Report No	EG1090-1
Client	Escort, Inc. 5440 West Chester Road
Phone Fax	West Chester, OH 45069 (513)-870-8542 (513)-870-8523
FRN	0007508732
Model	SRX
FCC ID	QKLM4R
Equipment Type Equipment Code	Radar Detector CRD
Results	As detailed within this report
Prepared by	Evan James Evan Gould – Test Engineer
Authorized by	Michael Buchholz – EMC Manager
Issue Date	10/2/06
Conditions of issue	This Test Report is issued subject to the conditions stated in 'terms and conditions' section of this report.

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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 SRX with the requirements outlined in Part 15 (using the methods outlined in Part 2) of 47 CFR.

EUT Configuration

	EUT C	onfigura	tion		
Work Order: Company: Company Address: Contact:	Escort Inc. 5440 West	Chester Roa ter, OH 4506			
	MN/PN		SN		
Entrie System	SRX		09004087		
Front Radar Receiver)	ZZ000000		
Front Radar Shifter	not labeled	no indiv	/dual serial	number	
Front Radar Shifter		no indiv	/dual serial	number	
Display Controller			est sample		
Rear Laser Shifter			/dual serial		
Remote Mute/Volume Adjust			/dual serial		
Passport SRX Interface			/dual serial	number	
EUT Description:	Radar Dete	ctor			
Support Equipment:	MN		SN		
HFTS	HP 6842A	;	3531A00169	9	
EUT Cables:	Qty	Shielded?	Length	Ferrites	
DC power	1	no	2m	none	
Radar Receiver Cable	1	no	3m	none	
Laser Shifter Cable	3	no	5m	none	
Remote Mute Cable	1	no	2m	none	
Software / Operating Mode Des	scription:				
EUT was scanning for radar sign	als				

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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 500μ V/m measured at a distance of 3m. The Escort 975R 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 SRX was powered by an HP 6842A variable 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.

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Radiated Emissions Measurements

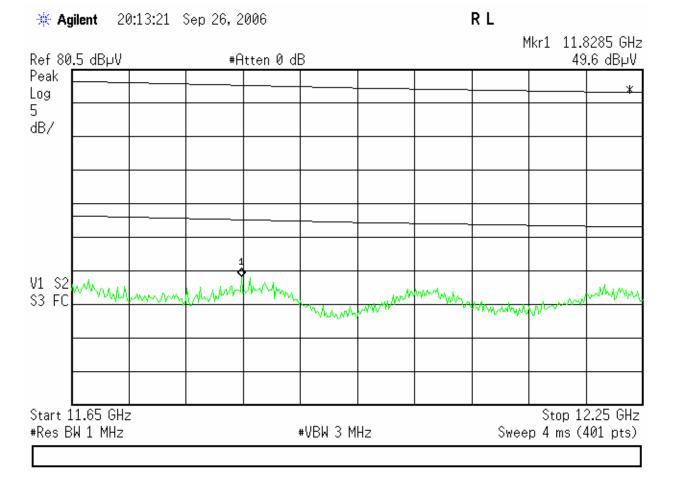
<u>LIMIT</u>

Average: 500μ 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

Date:	26-Sep-06			Company:	Escort					v	Vork Order:	G1090
Engineer:	Chad Bell			EUT Desc:	SRX							
	Freque	ncy Range:	11.7-12.2GH	z					Measuremer	nt Distance:	1 m	
Notes:	Peak reading	compared to	the average	limit								
			Preamp	Antenna	Cable	Adjusted					FCC Class	R
Antenna			ricump	7	Oubic	Aujusteu						
	Frequency	Reading	Factor	Factor	Factor	Reading	Limit	Margin	Result	Limit	Margin	
	Frequency (MHz)	Reading (dBµV)				-	Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)			Result (Pass/Fa
Polarization		5	Factor	Factor	Factor	Reading				Limit	Margin	Result
Polarization (H / V)	(MHz)	(dBµV)	Factor (dB)	Factor (dB/m)	Factor (dB)	Reading (dBµV/m)	(dBµV/m)	(dB)	(Pass/Fail)	Limit (dBµV/m)	Margin (dB)	Result (Pass/Fa Pass
Polarization (H / V) Vpk Vav	(MHz) 11828.5	(dBµV) 49.6	Factor (dB) 40.2	Factor (dB/m) 39.9	Factor (dB) 5.5 5.5	Reading (dBµV/m) 54.8	(dBµV/m) 	(dB)	(Pass/Fail) 	Limit (dBµV/m) 83.5	Margin (dB) -28.7	Result (Pass/Fa Pass Pass

<u>PLOT</u>



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Test Equipment Used

SPECTRUM ANAL		RANGE	MN	Mfr	SN		ASSET	Сат	Г	CALIBRATION DUE
RECEIVERS	6									20 DEC 2000
Red White		9kHz-1.8GHz 9kHz-22GHz	8591 8593		3441A0 3547U0		00024 00022			30-DEC-2006 OUT OF SERVICE
BLUE		9kHz-1.8GHz	8591		3223A0		00022			14-DEC-2006
YELLOW		9kHz-2.9GHz	8594		3523A0		00100	i		05-JUN-2007
GREEN		9kHz-26.5GHz	8593		3829A0		00143	i		05-SEP-2007
BLACK		9kHz-12.8GHz			3710A0		00337	Í		02-NOV-2006
TELECOM 358	35A	20Hz-40.0MHz	3585		2504A0	5219	00030	1		07-FEB-2007
TELECOM 358	35A	20Hz-40.0MHz	3585	A HP	1750A0	3418	00558	1		23-MAY-2007
TELECOM 358	35A	20Hz-40.0MHz	3585		1750A0	2762	01067	1		01-MAR-2007
ORANGE		9kHz-26.5GHz	E4407		US3944		00394	I		01-SEP-2007
BROWN (RENT		9kHz-26.5GHz	E4407		SG4421	0511	Rental	1		05-JAN-2007
EMI TEST RECE	IVER	20-1000MHz	ESVS	30 R&S	827957	/001	01098			27-OCT-2006
LISNS/MEASUREM	IENT	RANGE	N	ΛN	MFR	SN		ASSET	Сат	CALIBRATION DU
PROBES RED		I0kHz-30MHz	8012-50-	R-24-BNC	SOLAR	95634	18	00753		05-MAY-2007
BLUE (DC)		I0kHz-30MHz		R-24-BNC	SOLAR	95634		00752	ii ii	05-MAY-2007
YELLOW-BLACK		I0kHz-30MHz		R-24-BNC	SOLAR	98473		00248	. II	05-MAY-2007
ORANGE		l0kHz-30MHz		R-24-BNC	SOLAR	90370		00754	I	05-MAY-2007
GOLD (DC)		l0kHz-30MHz		R-24-BNC	SOLAR	98473		00247	II	05-MAY-2007
BROWN		I0ĸHz-30MHz		R-24-BNC	SOLAR	04116		00986	II	05-MAY-2007
GREEN		I0ĸHz-30MHz		R-24-BNC	SOLAR	04116		00987	II	08-MAY-2007
YELLOW		I0ĸHz-30MHz		R-24-BNC	SOLAR	04116		1080	II	05-MAY-2007
WHITE-BLACK		I0кHz-30MHz		TS-100-N	SOLAR	97201		00678	II	05-MAY-2007
BLACK		I0kHz-30MHz		TS-100-N	SOLAR	97201		00675		05-MAY-2007
RED-BLACK		I0кHz-30MHz		TS-100-N	SOLAR	97201		00677	II	05-MAY-2007
BLUE-BLACK		I0kHz-30MHz		TS-100-N	SOLAR	97201		00676	II.	05-MAY-2007
BLUE MONITORING F		0.01-150MHz		50-2	TEGAM	1235		00807	1	26-MAY-2007
YELLOW MONITORING		0.01-150MHz		50-2	ETS	5097		00493	1	23-JAN-2008
GREEN CURRENT TRANS		40Hz-20MHz		50	PEARSON	1022 N/A		00793 00805	I	07-APR-2007
BLUE CISPR LINE PI		50kHz-30MHz		I/A	C-S C-S	N/A				08-JUN-2007
BLACK CISPR LINE P CISPR TELCO VOLTAGE		50kHz-30MHz I0kHz-30MHz		I/A √C-10	C-S	CS0		NONE 00296		08-JUN-2007 30-SEP-2006
CISPR 22 TELCO		9kHz-30MHz		LISN-T4	FISCHER	2011		00230	I I	26-OCT-2006
Open Area Tes	T SITES (OA		FCC Co		IC CODE	VCC	CODE	Сат		CALIBRATION DUE
SIT		13)	93448		IC 2762A-1		1688			04-APR-2007
SIT			93448		IC 276A-2		-905			14-AUG-2007
SIT			93448		IC 2762-A		-903	II II		13-AUG-2007
SIT			93448		IC 2762-M		-904	ü		19-MAR-2007
SIT			93448		IC 2762A-10		2377	<u> </u>		11-APR-2008
Conducted Test Si	TES (MAINS	/Telco)	FCC Co	DE	IC CODE	VC			Сат	CALIBRATION DU
EN	•	· - ,	93448		N/A		01, T-26		III	NA
EN			93448		N/A	C-18	02, T-26	69	III	NA
EM	11 3		93448	3	N/A	C-18	03, T-27	70		NA
MIXERS/DIPLEXERS	RANGE	MN		MFR		SN	Δ	SSET	Сат	CALIBRATION DUE
MIXER / HORN	26.5-40 GHz		-442-6	HP/ATM		95/A046903-		087		23-AUG-2007
MIXER / HORN	26.5-40 GHz	11970A/28		HP/ATM		25/A046903-		086	i	23-AUG-2006
MIXER / HORN	40-60 GHz	M19HW	-	OML		0110-1		0821	I	02-MAR-2007
MIXER	33-50 GHz	11970		HP	3003	3A03155		0104	I	08-NOV-2007
Mixer / Horn	50-75 GHz	11970V /QWH-		HP/QUINSTAR	2521A01	197/879400		179	I	15-NOV-2007
MIXER	75-110 GHz	11970	W	HP	2521	A01334	0	0105	I	22-NOV-2007
Mixer / Horn	60-90 GHz	M12HW	//A	OML		0110-1	0	0822	I	03-MAR-2007
Mixer / Horn	90-140 GHz	MO8HV		OML		1206-1		0811	I	03-MAR-2007
Mixer / Horn Diplexer	140-220 GHz 40-220 GHz	MO5HV DPL.2		OML OML		1206-1 N/A	-	0812 0813	 	03-MAR-2007
		Di L.2								
Absorbing Clamps	RANGE		MN		Mfr	SN	Asse	т	Сат	CALIBRATION DU
		. =	1 00000			10	0008	1	1	20-JAN-2008
FISCHER CLAMP	30-1000MI	Hz F-20	01-23мм	г	ISCHER	10	0000	1	1	20 0/11 2000



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HARMONIC & FLICKER AN	ALYZER	MN	MF			SN		ASSET	Сат	CALIBRATION DUE
HFTS	HP	6842A	H	P	353	1A-001	69	00738	11	30-DEC-2007
10001I/2 AC POWER SYS	STEM (2) 5001 CALII	ORNIA IN	ISTRUMENTS	HK536	87/HK5	53688	00376	II	09-JAN-2008
PREAMPS / ATTENUATORS	/									
FILTERS	RANGE		MN		Mfr		SN	ASSET	CAT	CALIBRATION DU
RED	0.10-2000	ин л 7	-L-1000	-1 N	C-S		N/A	00798		28-JUL-2007
BLUE	0.01-2000		L-1000		C-S		N/A	00759		20-JUL-2007
BLUE-BLACK	0.01-2000N		L-1000		C-S		N/A	00800		04-JAN-2007
GREEN	0.01-2000		L-1000		C-S		N/A	00802		07-AUG-2007
BLACK	0.01-2000N		L-1000		C-S		N/A	00799	ü	20-JUL-2007
ORANGE	0.01-2000N		L-1000		C-S		N/A	00765		28-DEC-2006
WHITE	1-20GH		SMC-12		C-S		426643	00760		22-JUL-2007
BROWN	1-20GH			17-15-SFF	C-S		PL1655	1132	 II	14-APR-2007
YELLOW-BLACK	1-20GH		SMC-12		C-S		535055	00801	II.	22-JUL-2007
RED-GREEN	1-20GH			17-15-SFF	C-S				II.	14-AUG-2007
HF (YELLOW)	18-26.5GI			-60-8P-4	C-S		467559	00758	II.	23-AUG-2007
HIGH PASS FILTER	1-18 GH		PA-F-55	204	K&L		36	00817	П	05-JAN-2008
LOW PASS FILTER	1-9 GHz	11SL10	-4100/X4	1400-O/O	K&L		4	00816	II	05-JAN-2008
HF 20dB 50W Attenuator	0.03-20 G	Hz P	E 7019-	-20	PASTERNA	ACK	01	00791	II	10-MAY-2007
HF 30DB 50W ATTENUATOR	0.03-20 G		E 7019-	-	PASTERNA		02	1168	II.	10-MAY-2007
LOW FREQ LPF	10-100ĸ⊦		200K10		MICROWAV		460-01 DC04		П	OUT OF SERVIC
LOW FREQ LPF	10-100ĸ⊦	-	200K10		CIRCUITS MICROWAV	/E 4	777-01 DC04			OUT OF SERVIC
	10-100KF		200610	51	CIRCUITS	4	777-01 DC04	1000	11	OUT OF SERVIC
ANTENNAS	RANGE	MN	N	1FR	SN	Ass	ET CA	r		
GREEN BILOG	30-2000MHz	CBL6112B			2742	006		•		AN-2008
GREEN-BLACK BILOG	30-2000MHz	CBL6112B		IASE IASE	2742 2412	000				AN-2008 AN-2008
	30-2000MHz	CBL6112B				001				
GREEN-RED BILOG BLUE BILOG		3143		IASE ICO	2435 1271	009				PR-2008 AY-2007
GRAY BILOG	30-1000MHz 20-2000MHz	3143				000				
	20-2000MHz	CBL6140A			9703-1038 1112	000				I) / 30-JUN-2007(RFI
YELLOW-BLACK BILOG		JB1		IASE			-	UD-IVIA I		I) / 01-MAY-2007(RF
RED-WHITE BILOG	30-2000MHz 30-2000MHz	JB1			091604-1 091604-2	011 011				PR-2008 PR-2008
RED-BLACK BILOG RED-BROWN BILOG	30-2000MHz	JB1			A0032406	12				UG-2008
YELLOW HORN	1-18GHz	3115			9608-4898	000		27-MAV-		l) / 18-MAY-2007 (RF
BLACK HORN	1-18GHz	3115			9703-5148	000		27-101/41-	-	JN-2007
ORANGE HORN	1-18GHz	3115			004-6123	000				JN-2007 JN-2007
HF (WHITE) HORN	18-26.5GHz	801-WLM		/ELINE	00758	007				UG-2007
SMALL LOOP	10kHz-30MHz	PLA-130/A		RA	1024	007				EB-2008
LARGE LOOP	20Hz-5MHz	6511			9704-1154	000				AN-2008
ACTIVE MONOPOLE	30Hz-30MHz	3301B		ACO	3824	000				PR-2007
INDUCTION COIL	50-60Hz	1000-4-8)-S	N/A	007			-	EP-2007
ADJUSTABLE DIPOLE	30-1000MHz	3121C		/CO	1370	007				AR-2007
ADJUSTABLE DIPOLE	30-1000MHz	3121C		//CO	1371	007			-	AR-2007
	30Hz-100kHz	RE101-13.3CM)-S	N/A	008				AR-2007
	30Hz-100kHz	RS101-12CM		2-S	N/A	008				AR-2007
	30Hz-100kHz	RS101-4CM)-S	N/A	008				AR-2007
EFT		MN		MFR		S	N	ASSET	Сат	CALIBRATION DU
EFT DIRECT COUPLING C	AP	N/A		C-S		0)1	00794		06-FEB-2008
ESD GENERATORS		MN		MFR		SN	ASSE		(CALIBRATION DUE
GREEN		G435		CHAFFNER		0839	0076			02-MAR-2007
RED		G435	S	CHAFFNER		1625	00762			06-JAN-2007
YELLOW	9	30D		ETS	2	201	00673	3 I		18-AUG-2007
BEST EMC-2 MN	I MFF	, c	N	ASSET	Сат			CALIBRAT		
			-002SC	00117		05-JUN	-2007 (Sur)/31-JUL-2007 (EFT
			-074SC	00623	ii					PR-2007 (EFT)
BLUE 711-1 RED 711-1										
BLUE 711-1 RED 711-1	100 Schaff					011		-	-	
BLUE 711-1 RED 711-1 CHAMBERS AND STRIPLINE	100 Schaff	MN		MFR		SN	ASSET	Сат		ALIBRATION DUE
BLUE 711-1 RED 711-1 CHAMBERS AND STRIPLINE RFI 1 CHAMBER	100 Schaff E 3 Met	MN ER COMPACT		PANASHIEL	D	N/A	00797	II	C)1-MAY-2007
BLUE 711-1 RED 711-1 CHAMBERS AND STRIPLINE RFI 1 CHAMBER RFI 2 CHAMBER	100 Schaff E 3 Met	MN ER COMPACT HIELDING SYSTEM		PANASHIEL LINDGREN	.D N 1:	N/A 3329	00797 00795	 	C)1-MAY-2007 30-JUN-2007
BLUE 711-1 RED 711-1 CHAMBERS AND STRIPLINE RFI 1 CHAMBER RFI 2 CHAMBER RFI 3 STRIPLINE	100 SCHAFF = 3 MET 04' × 07' S	MN ER COMPACT HIELDING SYSTEM N/A		PANASHIEL LINDGREN C-S	.D N 1:	N/A 3329 N/A	00797 00795 00796	II	()1-MAY-2007 30-JUN-2007 NA
BLUE 711-1 RED 711-1 CHAMBERS AND STRIPLINE RFI 1 CHAMBER RFI 2 CHAMBER	100 SCHAFF = 3 MET 04' × 07' S	MN ER COMPACT HIELDING SYSTEM		PANASHIEL LINDGREN	.D 1; N 1; C. 2	N/A 3329	00797 00795	 	()1-MAY-2007 30-JUN-2007

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AMPLIFIERS	RANGE	MN	MFR	SN	ASSET	Сат			CALIBRATI	ION DUE
Red	0.5-1000MHz	10W1000B	AR	18708	00032				26-APR-20	07 (RFI1)
GREEN	0.5-1000MHz	10W1000B	AR	23423	00123	П			13-APR-20	07 (RFI2)
BLUE	0.01-250MHz	75A250	AR	19165	00039	11	05-APF	R-2007 (E	UCRFI) / 12	2-DEC-2006 (NEBS CRFI
BLACK	0.01-250MHz	75A250	AR	23411	00122	II	05-APR	-2007 (E	U CRFI) / 12	2-DEC-2006 (NEBS CRF
ORANGE	0.01-250MHz	75A250	AR	26827	00367	П	05-APR		U CRFI) / 12 01-MAY-20	2-DEC-2006 (NEBS CRFI
BROWN 150W	0.1-250MHz	150A250	AR	313454	Rental	П			30-JUN-20	
GTC 1-2.6	1.0-2.6 GHz	GRF5016A	GTC	1221	RENTAL	I			18-MAY	. ,
HUGHES 10W	2.0-4.0GHz	1177H01	HUGHES	055	RENTAL	II II			18-MAY	
HUGHES 10W	4.0-8.0GHz	8010H02F	HUGHES	240	RENTAL	II II			18-MAY	
HUGHES 10W	8-10.0GHz	80108	HUGHES	138	RENTAL	II II			18-MAY	
	7.0-10.0GHz	HP495A	HP	304-00237	00086	ii		Ou	-	ICE (SPARE)
AUDIO AMP	AUDIO FREQ	MPA-200	RADIO SHACK	700438	NONE	ü		•••	NA	· · · ·
AUDIO AMP	AUDIO FREQ	MPA-200	RADIO SHACK	708545	00862	iii			NA	
Field Probes	RANGE	N	IN	MFR		SN	As	SET	Сат	CALIBRATION DUE
RED	0.01-1000M		422	HOLADAY		90369	00	031	1	01-MAR-2007
GREEN	0.01-1000M		422	HOLADAY		90309 97363		136	1	25-JUL-2007
BLUE	0.01-1000M		422	HOLADAY		95696		100	i i	25-MAR-2007
DLUE	0.01-1000101	112 111-2	422	HOLADAT		90090	01	100	I	23-MAR-2007
SIGNAL GENER	ATORS	RANGE	MN	MFR		SN		ASSET	Сат	CALIBRATION DU
RED).09-2000MHz	HP8648B	HP		3847U02	192	00366	1	28-FEB-2007
BLUE		0.1-1000MHz	HP8648A	HP		3426A005		00034	i	23-AUG-2007
GREEN).09-2000MHz	HP8648B	HP		3623A020		00125	i	17-OCT-2006
ORANGE		0.1-1000MHz	HP8648B	HP		3537A012		00025	i	29-JUN-2007
BROWN).01Hz-15MHz	HP33120A	HP		US36016	-	1211	i i	23-NOV-2006
).01Hz-15MHz	HP33120A	HP		US36048		1211	1	10-MAY-2007
BLUE-WHIT	,	0.1Hz-13MHz	HP3312A	HP		1432A076	-	00775	i	11-MAR-2007
SWEEPER		0.01-20.0GHz	HP83752A	HP		3610A01		000773	II II	02-MAY-2007
		0.1-170MHz	LG3236					00087		
AM/FM STEREO SI IMPULSE GENER		1-100Hz	CIG-25			368730 290	I	00959		30-AUG-2006
IMPULSE GENER	ATOR	1-100H2	010-25	ELECTRO-ME	IRICS	290		00942	I	05-AUG-2007
BULK INJECTIO	N CLAMPS	RANGE	MN	MFR	SN	ASSET	Сат		CALI	BRATION DUE
Greei	N	0.01-100MHz	95236-1	ETS	50215	00118	11	05-A	PR-2007 (E	U) /16-DEC-2006 (NEBS
Red		0.01-100MHz	95236-1	ETS	34026	1020	11	05-A	PR-2007 (E	U) /16-DEC-2006 (NEBS
Renta	NL.	2 – 450MHz	9142-1N	SOLAR	008508	Rental			10	-AUG-2007
					<u> </u>				_	
CDN NETW	ORKS	RANGE		MN	M		ASSET		Сат	CALIBRATION DUE
BLACK		0.10-100MHz		M-2 (DC)	C		00783		II	OUT OF SERVICE
BLUE		0.10-100MHz	1	5A M-3	C-	·S	00806		II	10-JAN-2007
ORANGE	E	0.10-100MHz	1	5A M-2	C-		00786		II	OUT OF SERVICE
Red		0.10-100MHz	1	5A M-3	C-	·S	00780		II	10-JAN-2007
WHITE		0.10-100MHz	1	5A M-3	C-	S	00782		II	OUT OF SERVICE
Yellow-BL	ACK	0.10-100MHz	1	5A M-3	C·	·S	00784		11	10-JAN-2007
GREEN		0.10-100MHz		80A M-3	C		00779		II	OUT OF SERVICE
Yellow	1	0.10-100MHz	3	80A M-5	C	S	00804		II	05-APR-2007
BLUE-WHI	TE	0.10-100MHz	1	5A M-5	C-		00788		II	OUT OF SERVICE
BROWN		0.10-100MHz		M-3	C-		1169		II	10-JAN-2007
		0.10-100MHz		M-3	Č-		1170		II	10-JAN-2007
BROWN-WH	111E			1-2 (DC)	Č.		1171		ii ii	10-JAN-2007
		0.10-100MHz				·S	1177		II II	11-MAY-2007
BROWN-WH BROWN-BL	ACK			1-2 (DC)	()					
BROWN-WH BROWN-BL/ RED-BLAC	ACK CK	0.10-100MHz	N	1-2 (DC) 1-2 (DC)					11	01-AUG-2007
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH	ACK CK IITE	0.10-100MHz 0.15-80MHz	N N	1-2 (DC)	C-	-S	00810		 	01-AUG-2007 05-OCT-2006
BROWN-WH BROWN-BL/ RED-BLAC	ACK CK HITE ES)	0.10-100MHz	Ν Ν 100Ω Res		C- C-	-S -S	00810 1172		 	01-A0G-2007 05-OCT-2006 30-JAN-2007
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH YELLOW (R GREEN (RE	ACK CK HITE ES) ES)	0.10-100MHz 0.15-80MHz 0.10-100MHz 0.10-100MHz	Ν Ν 100Ω Res 100Ω Res	1-2 (DC) SISTOR NWK (M-1) SISTOR NWK (M-1)	C· C· C·	·S ·S ·S			 	05-OCT-2006 30-JAN-2007
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH YELLOW (R GREEN (RE ANSI T	ACK CK HITE ES) ES) 1.315	0.10-100MHz 0.15-80MHz 0.10-100MHz	Μ 100Ω Res 100Ω Res MFR SN	1-2 (DC) SISTOR NWK (M-1) SISTOR NWK (M-1)	C· C· C·	S S S CAT			II II CALIBRA	05-OCT-2006 30-JAN-2007
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH YELLOW (R GREEN (RE	ACK CK HITE ES) ES) 1.315 SE CART	0.10-100MHz 0.15-80MHz 0.10-100MHz 0.10-100MHz	Ν Ν 100Ω Res 100Ω Res	1-2 (DC) SISTOR NWK (M-1) SISTOR NWK (M-1)	C· C· C·	·S ·S ·S			II II CALIBRA	05-OCT-2006 30-JAN-2007
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH YELLOW (R GREEN (RE ANSI T SBC NOIS	ACK CK HITE ES) ES) 1.315 SE CART	0.10-100MHz 0.15-80MHz 0.10-100MHz 0.10-100MHz MN	M 100Ω Res 100Ω Res 00Ω Res C-S C-S C-S	1-2 (DC) SISTOR NWK (M-1) SISTOR NWK (M-1) I ASS	C· C· C·	S S CAT III III			II II CALIBRA	05-OCT-2006 30-JAN-2007 ATION DUE NOT REQUIRED
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH YELLOW (R GREEN (RE SBC NOIS SBC TRANSI OSCILLO	ACK CK HITE ES) ES) 1.315 SE CART EENT CART EENT CART	0.10-100MHz 0.15-80MHz 0.10-100MHz 0.10-100MHz MN	Μ 100Ω Res 100Ω Res MFR SN C-S C-S	1-2 (DC) SISTOR NWK (M-1) SISTOR NWK (M-1) I ASS MFR	C- C- C-	S S S CAT III III SN		WAVE ASSET	II II CALIBRA	05-OCT-2006 30-JAN-2007 ATION DUE NOT REQUIRED RIFIED BEFORE USE CALIBRATION DU
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH YELLOW (R GREEN (RE SBC NOIS SBC TRANSI SBC TRANSI OSCILLO EMC 10	ACK CK HITE ES) ES) 1.315 SE CART EENT CART SECOPES DOMHZ	0.10-100MHz 0.15-80MHz 0.10-100MHz 0.10-100MHz MN MN	M 100Ω Res 100Ω Res C-S C-S V 220	1-2 (DC) SISTOR NWK (M-1) SISTOR NWK (M-1) I ASS I ASS MFR FEKTRONIX	C- C- C- SET	S S S CAT III III SN 036986	1172	WAVE ASSET 1166	II II CALIBRA LIBRATION SHAPE VEF CAT	05-OCT-2006 30-JAN-2007 ATION DUE NOT REQUIRED RIFIED BEFORE USE CALIBRATION DU 28-AUG-2007
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH YELLOW (R GREEN (RE SBC NOIS SBC TRANSI SBC TRANSI OSCILLO ESD REFERI	ACK CK HITE ES) ES) 1.315 SE CART ENT CART ENT CART SCOPES DOMHZ ENCE 1GHZ	0.10-100MHz 0.15-80MHz 0.10-100MHz 0.10-100MHz MN MN	M 100Ω Res 100Ω Res C-S C-S V 220 1 84B	1-2 (DC) SISTOR NWK (M-1) SISTOR NWK (M-1) I ASS I ASS MFR FEKTRONIX FEKTRONIX	C: C: C: SET	S S S S S CAT III III III SN 036986 011287	1172	WAVE ASSET 1166 RENTAL	II II CALIBRA LIBRATION SHAPE VER	05-OCT-2006 30-JAN-2007 ATION DUE NOT REQUIRED RIFIED BEFORE USE CALIBRATION DU 28-AUG-2007 31-MAR-2007
BROWN-WH BROWN-BLA RED-BLAC GREEN-WH YELLOW (R GREEN (RE SBC NOIS SBC TRANSI SBC TRANSI OSCILLO EMC 10	ACK CK HITE ES) ES) 1.315 SE CART HENT CART DSCOPES DOMHZ ENCE 1GHZ ETY 100 MHZ	0.10-100MHz 0.15-80MHz 0.10-100MHz 0.10-100MHz MN MN	M 100Ω Res 100Ω Res 100Ω Res C-S C-S C-S 100Ω Res 100Ω Re	1-2 (DC) SISTOR NWK (M-1) SISTOR NWK (M-1) I ASS I ASS MFR FEKTRONIX	C· C· C· SET	S S S CAT III III SN 036986	1172	WAVE ASSET 1166	II II CALIBRA LIBRATION SHAPE VEF CAT	05-OCT-2006 30-JAN-2007 ATION DUE NOT REQUIRED RIFIED BEFORE USE CALIBRATION DU 28-AUG-2007

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RMS VOLTMETERS/CURRENT CL	AMP	MN	Mnfr		SN	ASSET	Сат	CALIBRATION DU
TRUE-RMS MULTIMETER		79111	Fluke	71	700298	00769	I	25-OCT-2006
TRUE-RMS MULTIMETER (REFEREN	ICE)	177	FLUKE	83	390024	00973	I	21-MAR-2007
TRUE-RMS MULTIMETER		177	Fluke	83	390025	00974	1	10-MAR-2007
TRUE-RMS MULTIMETER (TELECON	1)	177	Fluke	83	430419	00975	I	21-MAR-2007
SURGE GENERATORS		MN		MFR	SN	ASSET	Сат	CALIBRATION DU
					-		-	
		TWM	-	CDI	003982	00323		05-JUN-2007
UNIVERSAL SURGE GENERAT		M5		CDI	003966	00324		OUT OF CAL
THREE PHASE COUPLING NV			-	CDI	003455	00325	II.	OUT OF CAL
1.2x50US PLUGIN MODULE		1.2x50US		CDI	N/A	00842		OUT OF CAL
10x160US PLUGIN MODULI		10x160US		C-S	N/A	00843		08-JUN-2007
10x560US PLUGIN MODULI		10x560US		C-S	N/A	00841		08-JUN-2007
PSURGE CONTROLLER MODU		PSURGE		HAEFELY	150267	00879		06-JUN-2007
COUPLING/DECOUPLING MOD	ULE	PCD 9		HAEFELY	149213	00880		06-JUN-2007
IMPULSE MODULE		PIM 9		HAEFELY	149202	00881		06-JUN-2007
HIGH VOLTAGE CAP NWK 5KVDC	· •	CS-HV		C-S	01	00772	ll	28-SEP-2006
NEBS SURGE GENERATOR		N/A		C-S	N/A	00088	II	06-JUN-2007
2x10uS Surge Generato		2x10u		C-S	N/A	00846	ll	06-JUN-2007
10x700US SURGE GENERAT		10x700		C-S	N/A	00847	II	08-JUN-2007
12 PAIR SURGE RESISTOR MOI	DULE	N/A		C-S	N/A	00768		30-SEP-2006
Power/Noise Meters		MN	MFR		SN	ASSET	Сат	CALIBRATION DU
POWER METER		435B	HP	24	45A11012	00773	1	12-APR-2007
Power Meter		437B	HP		12A01367	01099	i	12-APR-2007
POWER SENSOR		8481A	HP		02A61351	00774	i	12-APR-2007
PSOPHOMETER		2429	BRUEL & KJ		1237642	00585	II	14-FEB-2007
TRANSMISSION LINE TESTER (DBR	1C)	185T	AMREL		998658	00823	11	16-MAR-2007
0	MN	MFR		SN		A 0.057	Сат	
OVERVOLTAGE CHAMBERS						ASSET		CALIBRATION DU
2kW Power Fault Simulator	OV1	C-S		N/A		00792		31-MAR-2007
POWER FAULT SIMULATOR	OV2	C-S		N/A		00116	II	31-MAR-2007
DIPOLE TAPE MEASURES	Ν	IN	MFR		SN	ASSET	Сат	CALIBRATION DU
26FT TAPE #1	2338	CME	LUFKIN		C3166-1	00776		13-MAR-2007
26FT TAPE #2	2338	CME	LUFKIN		C3166-2	00777	I	13-MAR-2007
METEOROLOGICAL METERS		MN		MFR	SN	ASSET	Сат	CALIBRATION DU
TEMP./HUMIDITY/ATM. PRESSURE G		7400 PERCEPTION		DAVIS	 N/A	00965		08-FEB-2007
		THG-912					11	
TEMPERATURE /HUMIDITY GAUG					4000562	00789 00831	1	01-FEB-2007 02-FEB-2007
WEATHER CLOCK (PRESSURE ONL	. r)	BA928	UREGO	N SCIENTIFIC	C3166-1	00831	1	UZ-FEB-2007
CONSUMABLES	SI	PEC.	Mfr	S	TOCK/MN	ASSET	Сат	CALIBRATION DU
NEBS CHEESECLOTH	26-2	28м/кд	ED&D		ACC-01	N/A	Ш	N/A
NEDS CHEESECLUIH	202							

All equipment is calibrated using standards traceable to NIST or other nationally recognized calibration standard.

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Conditions Of Testing

[Bureau Veritas Consumer Products Services, Inc., a Massachusetts corporation], and/or its affiliates (collectively, the "Company") will conduct, at the request of the Submitter ("Client"), the tests specified on the submitted Test Request Form or equivalent in accordance with, and subject to, the following terms and conditions (collectively, "Conditions"): 1. All orders for tests are subject to acceptance by the Company, and no order will constitute a binding commitment of the Company unless and until such order is accepted by it, as evidenced by the issuance of a written report ("Test Report") by the Company. The Test Report is issued solely by the Company, is intended for the exclusive use of Client and shall not be published, used for advertising purposes, copied or replicated for distribution to any other person or entity or otherwise publicly disclosed without the prior written consent of the Company. By submitting a request for services to the Company, Client consents to the disclosure to accreditation bodies of those records of Client relevant to the accreditation body's assessment of the Company's competence and compliance with relevant accreditation criteria. The Company shall not be liable for any loss or damage whatsoever resulting from the failure of the Company to provide its services within any time period for completion estimated by the Company. If Client anticipates using the Test Report in any legal proceeding, arbitration, dispute resolution forum or other proceeding, it shall so notify the Company prior to submitting the Test Report in such proceeding. The Company has no obligation to provide a fact or expert witness at such proceeding unless the Company agrees in advance to do so for a separate and additional fee.

2. The Test Report will set forth the findings of the Company solely with respect to the test samples identified therein. Unless specifically and expressly indicated in the Test Report, the results set forth in such Test Report are not intended to be indicative or representative of the quality or characteristics of the lot from which a test sample is taken, and Client shall not rely upon the Test Report as being so indicative or representative of the lot or of the tested product in general. The Test Report will reflect the findings of the Company at the time of testing only, and the Company shall have no obligation to update the Test Report after its issuance. The Test Report will set forth the results of the tests performed by the Company based upon the written information provided to the Company. The Test Report will be based solely on the samples and written information submitted to the Company by Client, and the Company shall not be obligated to conduct any independent investigation or inquiry with respect thereto.

3. The Company may, in its sole discretion, destroy samples which have been furnished to the Company for testing and which have not been destroyed in the course of testing. The Company may delegate the performance of all or a portion of the services contemplated hereunder to an affiliate, agent or subcontractor of the Company, and Client consents to such delegation.

4. These Conditions and the Test Report represent the entire understanding of the parties hereto with respect to the subject matter hereof and of the Test Report, and no modification, variance or extrapolation with respect thereto shall be permitted without the prior written consent of the Company.

5. The names, service marks, trademarks and copyrights of the Company and its affiliates, including the names "BUREAU VERITAS," "BUREAU VERITAS CONSUMER PRODUCTS SERVICES," "BVCPS", "MTL", "ACTS", "MTL-ACTS" and CURTIS-STRAUS (collectively, the "Marks") are and shall remain the sole property of the Company or its affiliates and shall not be used by Client except solely to the extent that Client obtains the prior written approval of the Company and then only in the manner prescribed by the Company. Client shall not contest the validity of the Marks or take any action that might impair the value or goodwill associated with the Marks or the image or reputation of the Company or its affiliates.

6. Payment in full shall be due 30 days after the date of invoice. Interest shall be due on overdue amounts from the due date until paid at an interest rate of 1.5% per month or, if less, the maximum rate permitted by law. The Company reserves the right, at any time and from time to time, to revoke any credit extended to Client. Client shall reimburse the Company for any costs it incurs in collecting past due amounts, including court costs and fees and expenses of attorneys and collection agencies. The Test Report may not be used or relied upon by Client if and for so long as Client fails to pay when due any invoice issued by the Company or any affiliate or subsidiary of Client together with interest and penalties, if any, accrued thereon. 7. The Company disclaims any and all responsibility or liability arising out of or in connection with e-mail transmissions of such information.

8. Client understands and agrees that the Company is neither an insurer nor a guarantor, that the Company does not take the place of Client or any designer, manufacturer, agent, buyer, distributor or transportation or shipping company, and that the Company disclaims all liability in such capacities. Client further understands that if it seeks assurance against loss or damage, it should obtain appropriate insurance.

9. Client agrees that the Company, by providing the services, does not take the place of Client nor any third party, nor does the Company release them from any of their obligations, nor does the Company otherwise assume, abridge, abrogate or undertake to discharge any duty of any third party to Client or any duty of Client or any third party to any other third party, and Client will not release any third party from its obligations and duties with respect to the tested goods.

10. Client shall, on a timely basis, (a) provide adequate instructions to the Company in order to enable the Company to perform properly its services, (b) provide, or cause Client's suppliers and contractors to provide, the Company with all documents necessary to enable the Company to perform its services, (c) furnish the Company with all relevant information regarding Client's intended use and purposes of the tested goods, (d) advise the Company of essential dates and deadlines relevant to the tested goods and (e) fully exercise all rights and remedies available to Client against third parties in respect of the tested goods.

11. The Company shall undertake due care and ordinary skill in the performance of its services to Client, and the Company shall accept responsibility only were such skill has not been exercised and, even in such event, only to the extent of the limitation of liability set forth herein.

12. If Client desires to assert a claim arising from or relating to (i) the performance, purported performance or non-performance of any services by the Company or (ii) the sale, resale, manufacture, distribution or use of any tested goods, it must submit that claim to the Company in a writing that sets forth with particularity the basis for such claim within 60 days from discovery of the potential claim and not more than six months after the date of issuance of the Test Report to Client. Client waives any and all such claims including, without limitation, claims that the Test Report is inaccurate, incomplete or misleading or that additional or different testing is required, unless and then only to the extent that Client submits a written claim to the Company within both such time periods.

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13. CLIENT SHALL, EXCEPT TO THE EXTENT OF COMPANY'S LIABILITY TO CLIENT HEREUNDER (WHICH IN NO EVENT SHALL EXCEED THE LIMITATION OF LIABILITY HEREIN), HOLD HARMLESS AND INDEMNIFY THE COMPANY, ITS AFFILIATES AND THEIR RESPECTIVE DIRECTORS, OFFICERS, EMPLOYEES, AGENTS AND SUBCONTRACTORS AGAINST ALL ACTUAL OR ALLEGED THIRD PARTY CLAIMS FOR LOSS, DAMAGE OR EXPENSE OF WHATSOEVER NATURE AND HOWSOEVER ARISING FROM OR RELATING TO (i) THE PERFORMANCE, PURPORTED PERFORMANCE OR NON-PERFORMANCE OF ANY SERVICES BY THE COMPANY OR (ii) THE SALE, RESALE, MANUFACTURE, DISTRIBUTION OR USE OF ANY TESTED GOODS.

14. EXCEPT AS MAY OTHERWISE BE EXPRESSLY AGREED TO IN WRITING BY THE COMPANY AND NOTWITHSTANDING ANY PROVISION TO THE CONTRARY CONTAINED HEREIN OR IN ANY TEST REPORT, NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, IS MADE.

15. (A) IN NO EVENT WHATSOEVER SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES IN CONNECTION WITH, RELATING TO OR ARISING OUT OF THE TEST REPORT OR THE SERVICES PROVIDED BY THE COMPANY HEREUNDER, INCLUDING WITHOUT LIMITATION LOSS OF OR DAMAGE TO PROPERTY; LOSS OF INCOME, PROFIT OR USE; OR ANY CLAIMS OR DEMANDS MADE AGAINST CLIENT OR ANY OTHER PERSON BY ANY THIRD PARTY IN CONNECTION WITH, RELATING TO OR ARISING OUT OF THE SERVICES PROVIDED BY THE COMPANY HEREUNDER.

(B)NOTWITHSTANDING ANY PROVISION TO THE CONTRARY CONTAINED HEREIN, AND IN RECOGNITION OF THE RELATIVE RISKS AND BENEFITS TO CLIENT AND THE COMPANY ASSOCIATED WITH THE TESTING SERVICES CONTEMPLATED HEREBY, THE RISKS HAVE BEEN ALLOCATED SUCH THAT UNDER NO CIRCUMSTANCES WHATSOEVER SHALL THE LIABILITY OF THE COMPANY TO CLIENT OR ANY THIRD PARTY IN RESPECT OF ANY CLAIM FOR LOSS, DAMAGE OR EXPENSE, OF WHATSOEVER NATURE OR MAGNITUDE, AND HOWSOEVER ARISING, EXCEED AN AMOUNT EQUAL TO FIVE (5) TIMES THE AMOUNT OF THE FEES PAID TO THE COMPANY FOR THE SPECIFIC SERVICES WHICH GAVE RISE TO SUCH CLAIM OR U.S.\$10,000, WHICHEVER IS THE LESSER AMOUNT.

16. The Company shall not be liable for any loss or damage resulting from any delay or failure in performance of its obligations hereunder resulting directly or indirectly from any event of force majeure or any event outside the control of the Company. If any such event occurs, the Company may immediately cancel or suspend its performance hereunder without incurring any liability whatsoever to Client.

17. Company's services, including these Conditions, shall be governed by, and construed in accordance with, the local laws of the country where the Company performs the tests or, in the case of tests performed in the United States of America, the laws of Massachusetts without regard to conflicts of laws principles. If any aspect(s) of these Conditions is found to be illegal or unenforceable, the validity, legality and enforceability of all remaining aspects of these Conditions shall not in any way be affected or impaired thereby. Any proceeding related to the subject matter hereof shall be brought, if at all, in the courts of the country where the Company performs the tests or, in the case of tests performed in the United States of America, in the courts of Massachusetts. Client waives the right to interpose any counterclaim or setoffs of any nature in any litigation arising hereunder.

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A2LA Accreditation

SCOPE OF ACCREDITAT	ION TO ISO/IEC 17025-1999	Immunity	RRL No. 2005-130 (December 27, 2005)
SCOLE OF ACCREDITAT	1014 10 150/1EC 1702547777	Electrostatic Discharge (ESD)	EN 61000-4-2; AS/NZS 61000.4.2; KN61000-4-2
CUDTIO	-STRAUS ¹	Radiated Immunity (RFI)	EN 61000-4-3, AS/NZS 61000.4.3; KN61000-4-3
	eat Road	Electrical Fast Transient Bursts (EFT)	EN 61000-4-4; AS/NZS 61000.4.4; KN61000-4-4
Littleton,	MA 01460	Surge Conducted Immunity	EN 61000-4-5, AS/NZS 61000.4.5; KN61000-4-5 EN 61000-4-6, AS/NZS 61000.4.6; KN61000-4-6
	aone: 978-486-8880 TRICAL	Magnetic Immunity	EN 61000-4-8; AS/NZS 61000.4.8; KN61000-4-7
		Voltage Dips and Interrupts Low Frequency Conducted Disturbances	EN 61000-4-11; KN61000-4-11
Valid until: July 31, 2007	Certificate Number: 1627.01	Low Frequency Conducted Disturbances	EN 61000-2-2
In recognition of the successful completion of the A2L ^A laboratory to perform the following Electromagnetic Co Safety tests: Electromagnetic Compatibility (EMC) Radiated emissions testing (electric and magnetic fields Electrostatic Discharge testing [*] ; Electrical Fast Transie Immunity testing [*] ; Lightning Immunity testing [*] ; Volta Magnetic Immunity testing [*] ; RF Power measurement [*]	mpatibility (EMC), Telecommunications, and Product *; Conducted emissions testing (voltage and current)*; tt testing*; Radiated Immunity testing*; Conducted ge Dips*, Interrupts and Voltage Variations testing*;	Family Product or Industry Specific Specification including emissions and/or immunity	as GR-1039-CORE; GR-78-CORE (ESD) ENS0081-1; ENS0081-2; ENS002-2; ENS0082-1; EN 61000-6-1; EN 6100-6-2; EN 6100-6-3; EN 61000-6-4; EN 5010-2; EN 5024; CISPR 24 EN 55103-1; EN 55103-2; EN 6326; EN 61547; EN 50130-4; EN 50083-2; EN 60061-1-2; EN 60601-2-2; EN 60601-2-42; EN 60601-2-32; EN 60601-2-2; EN 60601-2-47; IEC 1800-3; EN 61800-3; EN 55020; CISPR 20; EN 60555 Part 2;
Induction measurements*; Harmonic emissions testing* voltage testing*; Disturbance Power measurements*; Po			EN 60555 Part 3; ETS 300 386-1; EN 300 386-2; EN 300 386, ETS 300 132-1; ETS 300 132-2; EN 60669-2-1; AS/NZS 3200.1.2; CNS 13783-1; ETR
Test Type	Test Method(s)	Dell's second sectors	283; C62.41
Emissions Radiated and Conducted Emissions	FCC 47 CFR Parts 15 & 18; C63.4;	Radiocommunications EU R&TTE Radio Standards;	EN 300 220-1; EN 300 220-3; EN 300 330-1; EN
Kaulaeu and Conduced Linkssons	CUSPR 22; EM5502; SABS CUSPR 22; AS/NZS CUSPR 22; AS/NZS 3548; Canada ICES- 003; CNS14348; KN 22 (RL No. 2005-82, September 29, 2005); CUSPR 11; EM 55011; SABS CUSPR 11; AS/NZS CUSPR 11; AS/NZS 2064; Canada ICES-001; CNS1303; CUSPR 13; EM 55013; SABS CUSPR 13; AS/NZS CUSPR 13; AS/NZS 1053; CUSPR 14; EM 55014; FS 3614-1; SABS CUSPR 14; AS/NZS CUSPR 14; AS/NZS 1044; CNS 13439; CUSPR 15; EN 55015; GR-1089- CORE; CSA CU68.8-M1983;	EU R&TTE EMC Standards Canada Radio Standards	300 330-2; EN 300 440-1; EN 300 440-2; EN 300 328; EN 300 385; EN 301 893 EN 500 339; EN 301 489-01; EN 301 489-03; EN 301 489-17 RSS-102; RSS-117; RSS-118; RSS-101; RSS-123; RSS-125; RSS-128; RSS-129; RSS-130; RSS-131; RSS-132; RSS-133; RSS-134; RSS-135; RSS-136; RSS-137; RSS-138; RSS-141; RSS-142; RSS-170; RSS-143; RSS-182; RSS-145; RSS-148; RSS-191; RSS-142; RSS-192; RSS-195; RSS-210; RSS-121;
Harmonics	EN 61000-3-2; AS/NZS 61000.3.2		RSS-213; RSS-215; RSS-243; RSS-GEN; RSS- 310; GL-36;
Flicker 1 Note: This accreditation covers testing performed at th located at 168 Ayer Rd, Littleton, MA 01460 and, for te defined in "A2LA specific criteria for the accreditation	EN 61000-3-3; AS/NZS 61000.3.3 ne laboratory listed above and the satellite facility st types marked with an asterisk, at other sites as	Australia/New Zealand Radio Standards	AS/NZS 4268; AS/NZS 4771; RFS29; Radiocommunications (Data Transmission Equipment Using Spread Spectrum Modulation Techniques); Radiocommunications (Spread Spectrum Devices); Radiocommunications (Short Range Devices); Radiocommunications (Low Interference Potential Devices);
(A2LA Cert. No. 1627.01) 3/27/06	Page 1 of 10	(A2LA Cert. No. 1627.01) 3/27/06	Page 2 of 10
Other Radio Standards	RTTE 01 (DGT-Taiwan);	Telecommunications	
			hods; Lightning surge*; Drop testing*; Balance testing*; cy measurements*; Pulse templates*; Leakage testing*;
FCC Standards and Test methods Support TCB S FCC Scope A – Unlicensed Radio Frequency Device.			ing (excluding volume control)*; Protocol analysis* and Jitter
A1 1. 47 CFR Parts 11, 15 and 18 2. FCC MP-5,		testing*. Telecom Standards	Title
3. ANSI C63.4-2003, A2 1. 47 CFR Part 15,		North American standards	
2. ANSI C63.4-2003,			Connection of terminal equipment to the telephone
A3 1. 47 CFR Part 15, 2. ANSI C63.17-1998, 3. ANSI C63.4-2003,		CS-03 Issue 9	network. Analog and Digital Equipment. TCB Scope C1. Specification for terminal equipment, terminal systems,
A4 1. 47 CFR Part 15,		1	Network protection devices, connection arrangements and nearing aids compatibility.
2. ANSI C63.4-2003, FCC Scope B – Licensed Radio Service Equipment			Bulletin Part 68 Rationale and Measurement Guidelines (Feb 1998)
B1 1. 47 CFR Parts 2, 22, 24, 25, and 2 2. ANSI/TIA-603-C (2004)	27		Felecommunications Telephone Terminal Equipment Technical Requirements for Connection
B2 1. 47 CFR Parts 2, 22, 74, 90, 95, a	nd 97		of Terminal Equipment to the Telephone Network
2. ANSI/TIA-603-C (2004)			Fechnical Requirements for SHDSL, HDSL2,
B3 1. 47 CFR Parts 2, 80, and 87 2. ANSI/TIA-603-C (2004)		1	HDSL4 Digital Subscriber Line Terminal Equipment to Prevent Harm to the Telephone Network Industry
B4 1. 47 CFR Parts 2, 21, 74, and 101 2. ANSI/TIA-603-C (2004)		Australia standards AS/ACIF S002-2001	Analogue interworking and non-interference
2. ALGE/ TIA=003=C (2004)		1	requirements for Customer Equipment for connection to the
Country Specific Standards and Other			Public Switched Telephone Network Requirements for Customer Equipment for
ITU EMC Standards Swedish EMC Standards	K.20; K.21; K.41; K.44 BAKOM 3336.3		connection to hierarchical digital interfaces
South African EMC Standards other then CISPR equivalents	SAB5 1718-1; SANS 211/SABS CISPR 11; SANS 224/SAB5 CISPR 24; SANS 213/SAB5 CISPR 13; SANS 2200; SANS214-1/SAB5 CISPR 14-1; SANS214-2/SAB5 CISPR 14-2; SANS 215/SAB5 CISPR 14-2; SANS 215/SAB5 CISPR 15; SANS 222/SAB5 CISPR 22	AS/ACIF \$038-2001 AS/ACIF \$043-2001	Requirements for ISDN Basic Access Interface Requirements for ISDN Primary Rate Access Interface Requirements for Customer Equipment for Connection to a Metallic Local Loop Interface of a Felecommunications Network — Part 1: General Part 2: Broadband Part 3: DC, Low Frequency AC and Voice band
Hong Kong EMC Standards	HKTA 1006; HKTA 1007; HKTA 1008; HKTA 1010; HKTA 1015; HKTA 1026; HKTA 1035; HKTA 1039; HKTA 1041;	International standards ITU-T G.703	Physical/electrical characteristics of hierarchical Digital interfaces
Singapore EMC Standards	HKTA 1042; HKTA 1045 IDA TS SRD; IDA TS EMC	Hong Kong standards	Network Connection Specification for Connection of
Japanese VCCI Standards	VCCI V-3, VCCI V-4	HKTA 2014	Vetwork Connection Spectrication for Connection of Listomer Premises Equipment (CPE) to Direct Exchange Lines (DEL) of the Public Switched Telephone Network PSTN) in Hong Kong Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Basic Rate Access (BRA) based on ITU-T Recommendations
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Talaanse Standarda	T:41-	Former and standards (1997)	
Telecom Standards HKTA 2028	<u>Title</u> Network connection specification for connection of	European standards (cont'd) TBR 21: 1998	Terminal Equipment (TE); Attachment requirements
	CPE to the PTNs in Hong Kong using digital leased		For pan-European approval for connection to the
HKTA 2029	circuits at data rate of 1544 kbit/s Network connection specification for connection of		Analogue Public Switched Telephone Networks (PSTNs) of TE (excluding TE supporting the voice
	CPE to the PTNs in Hong Kong using digital leased		telephony service) in which network addressing, if
HKTA 2030	circuits at data rate of 2048 kbit/s Network Connection Specification for Connection of		provided, is by means of Dual Tone Multi Frequency (DTMF) signaling
IK1A 2050	Customer Premises Equipment (CPE) to the Public	TBR 24: 1997	Business TeleCommunications (BTC); 34 Mbit/s
	Telecommunications Network (PTN) in Hong Kong using		Digital Unstructured and structured leased lines
IKTA 2031	Digital Leased Circuits at nx64 kbit/s Network Connection Specification for Connection of		(D34U and D34S); Attachment requirements for Terminal equipment interface
	Customer Premises Equipment (CPE) to the Public	Taiwan standards (DGT)	
	Telecommunications Network (PTN) in Hong Kong using Digital Leased Circuits below 64 kbit/s	ADSL01	Asymmetric Digital Subscriber Line Terminal Equipment and POTS Splitter Technical Specifications
4KTA 2032	Network Connection Specification for Connection of	ID0002	DS1 Equipment Type Approval Guidelines
	Customer Premises Equipment (CPE) to the Public Telecommunications Networks in Hong Kong using	IS6100 PSTN01 (non-voice only)	ISDN Terminal Equipment Technical Specifications Technical Specifications for Terminal Equipment for
	Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T	1311001 (holi-voice only)	Connection to Public Switched Telephone Network
WTA 2022	Recommendation G.992.1	New Zealand standards	
HKTA 2033	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Fixed	PTC 200 (non-voice only)	Requirements for Connection of Customer Equipment to Analogue Lines
	Telecommunications Networks in Hong Kong using	PTC 217	Requirements for Bandwidth Management Devices
	Splitterless Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T Recommendation G.992.2	TNA 117 PTC 270	Telecom 2048 kbit/s Standard Network Interface Interim arrangements for ADSL CPE
European standards	based on 110-1 Recommendation 0.992.2	P1C 270	Internit arrangements for ADSL CPE
TBR 1: 1995	Attachment requirements for terminal equipment to	Singapore Standards	
	Be connected to circuit switched data networks and Leased circuits using a CCITT Recommendation	IDA TS ADSL	Type Approval Specification for Asymmetric Digital Subscriber Line (Full-rate ADSL) Modems
	X.21 interface, or at an interface physically,	IDA TS ADSL 2	Type Approval Specification for Asymmetric Digital
	functionally and electrically compatible with CCITT Recommendation X.21 but operating at any data	IDA TS DI CN 1	Subscriber Line Splitterless (G-Lite) Modems
	Recommendation X.21 but operating at any data signaling rate up to, and including, 1 984 kbit/s	IDA TS DLCN 1	Type Approval Specification for Digital Interfaces based on hierarchical bit rates of 2048 kbit/s, 34 368 kbit/s and 139 26
FBR 2: 1997	Attachment requirements for Data Terminal		kbit/s
	Equipment (DTE) to connect to Packet Switched Public Data Networks (PSPDNs) for CCITT	IDA TS ISDN 1	Type Approval Specification for connection of Terminal Equipment to Integrated Services Digital Network (ISDN)
	Recommendation X.25 interfaces at data signaling		Basic Access
	rates up to 1 920 kbit/s utilizing interfaces derived	IDA TS ISDN 2	Type Approval Specification for connection of Terminal
FBR 3: 1995 + Amdt : 1997	from CCITT Recommendations X.21 and X.21 bit Integrated Services Digital Network (ISDN);		Equipment to Integrated Services Digital Network (ISDN) Primary Rate Access (PRA)
10K 5. 1775 + Allat . 1777	Attachment requirements for terminal equipment to	IDA TS PSTN (non-voice only)	Type Approval Specification for connection of Terminal
TBR 4: 1995 + Amdt : 1997	connect to an ISDN using ISDN basic access	South Africa standards	Equipment to Public Switched Telephone Network (PSTN)
IBR 4: 1995 + Amdt : 1997	Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to	South Africa standards TE-001 (non-voice only)	Standard for Telecommunication Line Terminal Equipment
	connect to an ISDN using ISDN primary rate access		(TLTE) for Connection to the Public Switched Telephone
TBR 012: 1993 + Amdt : 1996	Business Telecommunications (BT); Open Network Provision (ONP) technical requirements; 2 048 kbit/s		Network (PSTN)
	digital unstructured leased line (D2048U) Attachment		
	requirements for terminal equipment		
TBR 013: 1996	Business TeleCommunications (BTC); 2 048 kbit/s digital structured leased lines (D2048S); Attachment		
	requirements for terminal equipment interface		
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(A2LA Cert. No. 1627.01) 3/27/06		(A2LA Cert. No. 1627.01) 3/27/06	Page 6 of 10
Product Safety		Product Safety Standards	Title
Product Safety General test methods:	Page 5 of 10	Product Safety Standards IEC 60825-1 2001	<u>Title</u> Classification, requirements and user's guide.
Product Safety General test methods: Power input*, Permanence of marking*, Acce: measurement*, SELV circuits*, TNV limits*,	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5	<u>Title</u> Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems
Product Safety General test methods: Power input [®] , Permanence of marking [®] , Accee measurement [®] , SELV circuits [®] , TNV limits [®] , limitation [®] , Ring signal [®] , Humidity condition	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11	<u>Title</u> Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards
Product Safety General test methods: Power input*, Permanence of marking*, Acces neasurement*, SELV circuits*, TNV limits*, imitation*, Rins signal *, Humidity condition CTI)*, Limited power measurement*, foround Applied force*, Steel sphere impact*, Mold su	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*. Leakage current*,	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5	<u>Title</u> Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems
Product Safety General test methods: Power input ⁹ , Permanence of marking ⁴ , Accee measurement ⁴ , SELV circuits ⁴ , TNV limits ⁴ , limitation ⁴ , Ring signal ⁴ , Humidity conditioni CTI) ⁴ , Limited power measurement ⁴ , Ground Applied force ⁴ , Steel sphere impact ⁴ , Mold st Component abnormal ⁶ , Electric strength ⁴ , Im	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Laskage current*, uble*, Overvoltage*, Acoustic sound pressure*, I.30mm / 20mm	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997)	<u>Title</u> Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products
Product Safety General test methods: Power input?, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity conditioni T10*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im Iame*, Needel fame*, Hot Iaming oit*, Lock	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Leakage current*, Julse*, Overvoltage*, Acoustic sound pressure*, I 30mm / 20mm de rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*.	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 41997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 2001	<u>Title</u> Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances
Product Safety General test methods: "ower input", Permanence of marking*, Accee- neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal *, Humidity condition TD)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Inp lame*, Needle flame*, Hot flaming oil*, Lock forque*, Insulation resistance*, Soudl Evel*,	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Laskage current*, uble*, Overvoltage*, Acoustic sound pressure*, I.30mm / 20mm	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997)	<u>Title</u> Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances
Product Safety General test methods: "ower input", Permanence of marking*, Accee neasurement*, SELV circuits*, TNV limits*, imitation*, Rins şiganl *, Humidity condition TJI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Imp Iame*, Needle flame*, Hot flaming oil*, Lock forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wa 'unciconality', Protective impedance abnorma	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery revers current*, Ball pressure*, Lakage current*, sulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ced rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Il mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 1#, Capacitor short circuit abnormal*, Output abnormal*, Multi-	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 1091 UL 60335-1 1098	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General
Product Safety General test methods: ower input*, Permanence of marking*, Accee neasurement*, SELV circuits*, TNV limits*, imitation*, Rins şigand*, Humidity condition TI)*, Limited power measurement*, Ground Applied force*, Seles sphere impact*, Mold si Component abnormal*, Electric strength*, Imp Iame*, Needle flame*, Hot flaming oil*, Lock forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wa "unctionality", Protective impedance abnorma	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperture*, Stability*, ess*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm de rotor/motor annature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, I mount*, Laser radiation (excluding x-ray)*, Voltage surge*,	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 2001 UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010A-1: 2002	Title Classification, requirements and user's guide. Safety of laser products - Part 2: Safety of optical communication systems Safety of laser products - Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements
Product Safety General test methods: "over input", Permanence of marking", Acces neasurement", SELV circuits", TNV limits", imitation", Ring signal", Humdity condition TIP', Limited power measurement", foround Applied force", Steel sphere impact". Mold st Component abnormal", Electric strength', Imp Immes", Needle fames", Hot Inamic goil*, Loc Forque", Insulation resistance", Sound level*, Transformer shorts/overloads", Rain test", Wa "unctionality", Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery revers current*, Ball pressure*, Lakage current*, sulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ced rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Il mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 1#, Capacitor short circuit abnormal*, Output abnormal*, Multi-	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 2001 UL 60335-1 2001 CANCSA E335.1 1994	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General
Product Safety Seneral test methods: "ower input", Permanence of marking*, Acces neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humaity condition TI)*, Limited power measurement*, foround Applied force*, Steel sphere impact*, Mold su loomponent abnormal*, Electric strength*, Imp Inme*, Needle Imme*, Hot Immact*, Mold su "macformer shorts/overloads*, Rain test*, Wa "unctionality*, Protective impedance abnormal upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards.	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Leakage current*, suls*, Overvoltage*, Acoustic sound pressure*, I Sabolity*, ed rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Il mount*, Laser radiation (excluding x-ray)*, Voltage surge*, I*, Capacitor short circuit abormal*, Output abormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning*	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-3 1995 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 2001 UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010A-1: 2002 EN 61310-1: 2001	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of quirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
Product Safety General test methods: "over input", Permanence of marking", Acce- neasurement", SELV circuits", TNV limits*, imitation", Ring Signal ", Humidity conditions TD'', Limited power measurement", Ground Applied force", Steel sphere impact", Mold sti component abnormal", Electric strength", Inn Jame", Needle flame", Hot flaming oil", Lock forques', Insulation resistance", Sound level", Transformer shorts/overloads*, Rain test", Wa "auctionality", Protectiv impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Specific Product Safety Standards	Page 5 of 10 sibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Lakage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ed rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Il mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 14: Capacitor short circuit abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u>	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1997 1C CR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 1998 CAN/CSA E335-1 1998 CAN/CSA E335-1 1998 CAN/CSA E335-1 1994 UL 61010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety requirements Safety requirements
Product Safety General test methods: "over input", Permanence of marking*, Acce- neasurement*, SELV circuits*, TNV limits*, imitation*, Rins signal*, Humidity condition TI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Imp Iame*, Needle flame*, Hot flaming oil*, Lock forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wa "unctionality", Protective impedance abnorma apply abnormal*, Cooling abnormal*, Heatin 2roduct Safety Standards Specific Product Safety Standards Li 60950 2000 EC 60950 1999	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Lackage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm cel rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Il mount*, Laser radiation (excluding x-ray)*, Voltage surge*, I*, Capacitor short circuit abnormal*, Nulti- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1997 12 (CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 61010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of normation technology equipment for measurement, control, and laboratory use - Part 1: General requirements Safety of normation technology equipment – Safety – Part1: General Requirements
Product Safety General test methods: "over input", Permanence of marking", Acce- neasurement", SELV circuits", TNV limits «, imitation", Ring signal *, Humdilty condition CTI)*, Limited power measurement*, Ground Vaplied force", Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Inn lame *, Needle flame *, Hot flaming oil*, Loci Orque*, Insulation resistance*, Sound level*, Fransformer shorts/overloads*, Rain test*, Wa "unctionality*, Protective impedance abnorma upply abnormat*, Cooling abnorma!*, Heatin <u>Product Safety Standards</u> JL 60950 2000 EC 60950 1999 EN 60950 2000	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 1ª, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1997 1C CR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 1998 CAN/CSA E335-1 1998 CAN/CSA E335-1 1998 CAN/CSA E335-1 1994 UL 61010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment Information Technology Equipment – Safety – Ceneral
Product Safety General test methods: "ower input", Permanence of marking*, Acce- neasurement*, SELV circuits*, TNV limits*, imitation*, Rins isgand *, Humidity condition TJ)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Inn lame*, Needle flame*, Hot flaming oil*, Lock forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wa "unciconality", Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Specific Product Safety Standards JL 60950 2000 EC 609501 1999 EN 60950 2001	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Lackage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm cel rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Il mount*, Laser radiation (excluding x-ray)*, Voltage surge*, I*, Capacitor short circuit abnormal*, Nulti- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 Including AM2 - 1997 & AM 12 - 1997 EN 60335-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 3998 CAN/CSA E335-1 1994 UL 6010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2003	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of outpuirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment – Safety – Part1: General requirements Information Technology Equipment – Safety – Part1: General requirements
Product Safety General test methods: "ower input", Permanence of marking", Acces neasurement", SELV circuits", TNV limits", initiation", Ring signal ", Humdity condition TJ)", Limited power measurement", Ground Applied force", Steel sphere impact". Mold st Component abnormal ", Electric strength", Im James", Needle fanne", Hot Inamig oil", Loc Forque", Insulation resistance", Sound level", Transformer short/soverloads", Rain test", Wa "unctionality", Protective impedance abnorma upply abnormal*. Cooling abnormal*, Heatin <u>Product Safety Standards</u> Jr. 60950 2000 EC 609501 2001 EC 609501 2001 JL 609502 2003 ESA CC22.PN.60595-000	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 1ª, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-3 1997-11 21 CFR 1040.10 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 6010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950: 1: 2003 UL 61010-1: 2004	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of outproducts for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment Information Technology Equipment – Safety – Part1: General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General requirements
Product Safety General test methods: "over input", Permanence of marking", Accei- neasurement", SELV circuits", TNV limits", imitation", Rins gignal ", Humdity condition TD)", Limited power measurement", Ground Applied force", Steel sphere impact", Mold sti Component abournal", Electric strength", Imp Iname", Needle flame", Hot flaming oil", Lock forque", Insulation resistance", Sound level", Transformer shorts/overloads", Rain test", Wa "unctionality", Protective impedance abnorma apply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Specific Product Safety Standards Li. 60950 2000 EC 60950 12001 EC 60950 12003 ESA CE2.2 No. 60950-103	sibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Leakage current*, ulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm eed rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, In mount*, Laser radiation (excluding x-ray)*, Voltage surge*, I*, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 Including AM2 - 1997 & AM 12 - 1997 EN 60335-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 3998 CAN/CSA E335-1 1994 UL 6010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2003	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety requirements Safety requirements Information technology equipment Information Technology Equipment – Safety – Part1: General requirements Information Technology Equipment – Safety – General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements
Product Safety General test methods: "over input", Permanence of marking", Accei- neasurement", SELV circuits", TNV limits", imitation", Rins gignal ", Humdity condition TD)", Limited power measurement", Ground Applied force", Steel sphere impact", Mold sti Component abournal", Electric strength", Imp Iname", Needle flame", Hot flaming oil", Lock forque", Insulation resistance", Sound level", Transformer shorts/overloads", Rain test", Wa "unctionality", Protective impedance abnorma apply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Specific Product Safety Standards Li. 60950 2000 EC 60950 12001 EC 60950 12003 ESA CE2.2 No. 60950-103	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 1ª, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-3 1997-11 21 CFR 1040.10 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 6010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950: 1: 2003 UL 61010-1: 2004	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of outproducts for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment Information Technology Equipment – Safety – Part1: General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General requirements
Product Safety General test methods: "ower input", Permanence of marking*, Acces neasurement*, SELV circuits*, TNV limits*, imitation*, Rins signal*, Humaity condition TIP', Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Imp Iame*, Needle Iame*, Hot Iameat*, Mold si "matcionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Specific Product Safety Standards L6 60950 1090 EC 60950-1 2003 CSA C22.2 No. 60950-00 CSA C22.2 No. 60950-103 EC 60101-1 1993 EN 61010-1 1993, 2001	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperture*, Stability*, ess*, Battery reverse current*, Ball pressure*, Leakage current*, balse*, Overvoltage*, Acoustic sound pressure *, 130mm / 20mm de rotor/motor annature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 1ª, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 60104-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950: 2003 UL 61010-1: 2004 UL 61010-1: 2004	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of outpuicements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment Information Technology Equipment – Safety – Part1: General Requirements Information Technology Equipment – Safety – General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements Medical Electrical Equipment, Part 1: General Requirements Medical Electrical Equipment 1: Collateral Standard: Safety
Product Safety General test methods: "ower input", Permanence of marking", Acce- neasurement", SELV circuits", TNV limits", imitation", Rins isginal ", Humidity condition TJ)", Limited power measurement", Ground Applied force", Steel sphere impact". Mold St Component abnormal ". Electric strength", Imp lame ", Needle flame", Hot flaming oil", Lock forque", Insulation resistance", Sound level", Transformer shorts/overloads*, Rain test", Wa "unicinanily", Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin 2roduct Safety Standards JL 60950 2000 EC 609501 12001 JL 60950-1 2001 JL 60950-1 2003 SSA (C22, 2N. 60950-10 SSA	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Lackage current*, ulse*, Overvoltage*, Acoustic scond pressure*, L30mm / 20mm ecd rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, limount*, Laser radiation (excluding x-ray)*, Voltage surge*, l*, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 601035-1 1994 UL 61010-1: 2001 AS/NZS 60950: 2000 EN 61010-1: 2001 AS/NZS 60950: 1: 2003 UL 61010 -1: 2004 UL 6001-1: 2003 IEC 60601-1-1: 2000	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of nourbook and laboratory use; part 1: General requirements Safety information technology equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology Equipment – Safety – Part1: General Information Technology Equipment – Safety – Ceneral requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements for Medical Electrical Equipment - Part 1: General Requirements for Safety I: Collateral Standard; Safety Requirements For Medical Electrical Electrical Equipment - Safety - General Requirements for Safety I: Collateral Standard; Safety Requirements For Medical Electrical Elec
Product Safety General test methods: Product Safety General test methods: Prover input?, Permanence of marking*, Accee neasurement*, SELV circuits*, TNV limits*, imitation*, Rings ignal*, Humdity condition TD', Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold su Component abnormal*, Electric strength*, Im Iame*, Needle flame*, Hot flaming oil*, Loci Orque*, Insulation resistance*, Sound level*, Product Safety Standards Product Safety Standards Use Go950 12001 EC 60950 12001 EC 60950 12003 ESA C22.2 No. 60950-103 EC 61010-1 1093 EN 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 2003 EN 6103-5001 EC 61010-1 2003 EN 61010-1 2003 EN 61010-1 2003 EN 6100-1 2003 EN 61010-1 2003 EN 6100-1 2003 EN 61010-1 2003 EN 6100-1 2003 EN 61010-1 2003 EN 6100-1 2003 EN 61010-1 2003 EN 6100-1 2003 EN	Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperture*, Stability*, ess*, Battery reverse current*, Ball pressure*, Leakage current*, balse*, Overvoltage*, Acoustic sound pressure *, 130mm / 20mm de rotor/motor annature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 1ª, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 60104-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950: 2003 UL 61010-1: 2004 UL 61010-1: 2004	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of outpuicements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment Information Technology Equipment – Safety – Part1: General Requirements Information Technology Equipment – Safety – General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements Medical Electrical Equipment, Part 1: General Requirements Medical Electrical Equipment, 1: Collarent Standard: Safety
Product Safety General test methods: "over input", Permanence of marking", Accei- neasurement", SELV circuits", TNV limits", imitation", Rins gignal ", Humdity condition TD)", Limited power measurement", Ground Applied force", Steel sphere impact", Mold sti Component aboornal", Electric strength", Inn Iame", Needle flame", Hot flaming oil", Loci forque", Insulation resistance", Sound level", Transformer shorts/overloads", Rain test", Wa "unctionality", Protective impedance abnorma apply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Specific Product Safety Standards JL 60950 2000 EC 60950 12001 EC 60950 12003 ESA C22.2 No. 60950-103 EC 61010-1 1093 EN 61010-1 1093 EN 61010-1 1093 EN 61010-1 2003 EN 61010-1	sibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, hand* to boarding*, Liquid overflow*, Spillage*, Liquid leakage*, In moun*, Laser radiation (excluding x-rayy*, Voltage surge*, 18', Careyotage*, Acoustics cound pressure*, 130mm / 20mm ied rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 11 mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 18', Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment of laboratory use Part 1: General requirements.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 601035-1 1994 UL 61010-1: 2001 AS/NZS 60950: 2000 EN 61010-1: 2001 AS/NZS 60950: 1: 2003 UL 61010 -1: 2004 UL 6001-1: 2003 IEC 60601-1-1: 2000	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety requirements Information technology Equipment – Safety – Part1: General requirements Information Technology Equipment – Safety – General requirements Information Technology Equipment – Safety – General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements Medical Electrical Equipment + Tart 1: General Requirements Medical Electrical Equipment + Tart 1: General Requirements For Medical Electrical Standard: Safety Requirements For Medical Electrical Standard: Safety Requirements For Safety - Section 1-1. Collateral Standard: Safety Requirements For Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Safety Requirements For Medical Electrical Safety Requirements For Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Safety Requirements For Medical Electrical Safety Requirements For Safety - Section 1-1. Collateral Standard: Safety Requirements For Medica
Product Safety General test methods: "over input", Permanence of marking", Accer neasurement", SELV circuits", TNV limits", initiation", Rings Ignal ", Humdity conditions TD'', Limited power measurement", Ground Applied force", Steel sphere impact", Mold sti Component abnormal", Electric strength", Inn Iame", Needle flame", Hot flaming oil", Loci Orque", Insulation resistance", Sound Ievel", Transformer shorts/overloads", Rain test", Wa "auctionality", Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Li. 60950 2000 EC 60950 12001 EC 60950 12003 ESA C22.2 No. 60950-103 EC 61010-1 1093 EN 61010-1 1093 EN 61010-1 2003 EN 61010-1 2003 EN 61010-1 2003 EN 61010-1 2003 EN 61010-1 2003 EN 61010-1 2003 ZANCCSA 1010-1 1999 (Including AM 2)	Sibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, hulse*, Overvoltage*, Acoustic sound pressure*, I.30mm / 20mm eed rotor/motor armature*, Vioration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 11 mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 1*, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment Safety requirements for electrical equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for laboratory use Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Homedia electrical equipment. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 6010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2003 UL 61010-1: 2004 UL 60101-1: 2003 IEC 60601-1-1: 2000 EN 60601-1-1: 2001	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Safety of household and similar electrical appliances Part 1: General requirements Safety information technology equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment – Safety – General requirements Information Technology Equipment – Safety – General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements Medical Electrical Equipment - Part 1: General Requirements for Safety Medical Electrical Equipment - Part 1: General Requirements for Safety Medical Electrical Equipment - Part 1: General Requirements for Safety Requirements for Safety Requirements for Safety 1: Collateral Standard: Safety Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Systems
Product Safety Sineral test methods: "over input", Permanence of marking*, Acces neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humaity, TNV limits*, imitation*, Ring signal*, Humpact*, Mold si Component abnormal*, Electric strength*, Im Iame*, Needle Iame*, Hot Iaming oit*, Lock forque*, Insulation resistance*, Sound level*, "unctionality", Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Li 60950 2000 EC 60950 1999 EC 60050-1 2003 SA 60252, 2No, 60950-00 SSA 6222, 2No, 60950-00 SSA 6222, 2No, 60950-01 SSA 622, 2No, 60950-01 SSA 6222, 2No, 60950-01 SSA 622, 2NO, 60950-01 SS	Sibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperture*, Stability*, ess*, Battery reverse current*, Ball pressure*, Lakage current*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 130mm / 20mm ted rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, I mourt*, Laser radiation (excluding x-ray)*, Voltage surge*, 1*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for laboratory use Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Medical electrical equipment. Medical electrical equipment.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 000-5 IEC 60825-2 000-5 IEC 60825-1 1995 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 61010A-1: 2002 EN 61010A-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950: 2003 UL 61010-1: 2003 IEC 60601-1-1: 2000 EN 60601-1-1: 2001	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of loser products iniliar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of household and Similar electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment Information Technology Equipment – Safety – Part1: General requirements Information Technology Equipment – Safety – Part1: General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements for Safety Medical Electrical Equipment - Part 1: General Requirements for Safety Medical Electrical Equipment - Part 1: General Requirements for Safety Medical Electrical Equipment - Part 1: General Requirements for Safety 1: Collateral Standard: Safety Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Systems Medical Safety Requirements For Medical Electrical Systems Medical Electrical Equipment - Part 1: General Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Systems Medical Electrical Equipment - Safety - Section 1-
Product Safety Sineral test methods: "over input", Permanence of marking*, Acces neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humaity, TNV limits*, imitation*, Ring signal*, Humpact*, Mold si Component abnormal*, Electric strength*, Im Iame*, Needle Iame*, Hot Iaming oit*, Lock forque*, Insulation resistance*, Sound level*, "unctionality", Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Li 60950 2000 EC 60950 1999 EC 60050-1 2003 SA 60252, 2No, 60950-00 SSA 6222, 2No, 60950-00 SSA 6222, 2No, 60950-01 SSA 622, 2No, 60950-01 SSA 6222, 2No, 60950-01 SSA 622, 2NO, 60950-01 SS	sibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Leakage current*, uble*, Overvoltage*, Acoustic sound pressure*, L30mm / 20mm ced rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Il mount*, Laser radiation (excluding x-ray)*, Voltage surge*, i*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment to face the safety for th	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 6010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2003 UL 61010-1: 2004 UL 60101-1: 2003 IEC 60601-1-1: 2000 EN 60601-1-1: 2001	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of loser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety information technology equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology Equipment – Safety – Part1: General requirements Information Technology Equipment – Safety – General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements for Safety 1: Collateral Standard: Safety Requirements For Medical Electrical Electrical Systems Medical Electrical Equipment - Part 1: General Requirements For Safety 1: Collateral Standard: Safety Requirements For Medical Electrical Systems Medical Electrical Equipment - Part 1: General Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Systems Medical Electrical Electrical Systems Medical Electrical Electrical Systems Medical Clectrical Systems<
Product Safety General test methods: "over input", Permanence of marking*, Acces neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humaity, TNV limits*, imitation*, Stell sphere impact*, Mold st Component abnormal*, Electric strength*, Im Iame*, Needle Iame*, Hot Iamot*, Mold st "muctionality", Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Suctionality: Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Loopso 2000 EC 609501 2003 ESA (022, 22, No. 60950-00 SSA (022, 22, No. 60950-103 EC 61010-1 1093 EN 61010-1 1993 EN 61010-1 1993 EN 61010-1 1995 EN 60601-1 1995 EN 60601-1 1995 EN 60601-1 1995 EN 60601-1 1995	sibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ng*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ess*, Battery reverse current*, Ball pressure*, Leakage current*, handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 11 moun*, Laser radiation (excluding x-ray)*, Voltage surge*, 1*, Capacitor short circuit abnormal*, Nulti- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <u>Title</u> Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Medical electrical equipment. Part 1: General requirements.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-1 1995 IEC 60825-1 1995 (Including AM2 - 1997 & AM 12 - 1997) EN 60335-1 1998 CAN/CSA E335-1 1994 UL 61010A-1: 2001 AS/NZS 60950: 2000 EN 60305-1: 2001 AS/NZS 60950: 2000 EN 60050-1: 2001 AS/NZS 60950: 1: 2003 UL 61010-1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2001 UL 60065: 2003 CSA 60065: 2003	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of loser products iniliar electricial appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of poulements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment Information Technology Equipment – Safety – Part1: General Requirements Information Technology Equipment – Safety – General requirements Requirements for aleverating Equipment – Safety – General requirements Medical Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements for Safety Medical Electrical Equipment - Part 1: General Requirements for Safety 1: Collateral Standard: Safety Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Systems Audio, Video and Similar Electronic Apparatus – Safety Requirements
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Product Safety Sineral test methods: "over input", Permanence of marking*, Acce- neasurement*, SELV circuits*, TNV limits*, initiation*, Rins signal*, Humidity condition TI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Imp Iame*, Needle flame*, Hot flaming oil*, Lock forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wa "unicionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Li Go950 2000 EC 60950 12001 Li Go950-1 2001 SA C22.2 No. 60950-00 SSA C22.2 No. 60950-01 SSA C22.2 No.60950-01 SSA C22.2 No. 60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.6050-01 SSA C22.2 No.	Safety of information technology equipment Safety of information technology equipment Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Medical electrical equipment Part 1: General requirements. Safety endicated equipment Part 1: General requirements. Safety colicital equipment for measurement, control and laboratory use, Part 1: General requirements. Medical electrical equipment Part 1: General requirements. Safety colicital equipment for alporatory use Part 1: General requirements. Medical electrical equipment Medical electrical equipment.	Product Safety Standards. IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 1001 IEC 60825-1 1091 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 1998 CAN/CSA E335-1 1998 CAN/CSA E335-1 1998 CAN/CSA E335-1 1998 CAN/CSA E335-1 1994 UL 6010A-1: 2002 EN 61010-1: 2001 AS/NZS 60950-12 0001 EN 60950-1: 2001 AS/NZS 60950-1: 2003 UL 6001-1: 2003 IEC 60601-1-1: 2000 EN 60601-1-1: 2001 UL 60065: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety of prometors for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology equipment – Safety – Part1: General Requirements Information Technology Equipment – Safety – General requirements Information Technology Equipment – Safety – General Requirements Medical Electrical Equipment - Safety – General Requirements Medical Electrical Equipment - Part 1: General Requirements for Safety 1: Collateral Standard: Safety Requirements for Safety 1: Collateral Standard: Safety Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements for Medical Electrical Electrical Systems Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus
Product Safety Sineral test methods: "over input", Permanence of marking*, Acce- neasurement*, SELV circuits*, TNV limits*, initiation*, Rins signal*, Humidity condition TI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Imp Iame*, Needle flame*, Hot flaming oil*, Lock forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wa "unicionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Li Go950 2000 EC 60950 12001 Li Go950-1 2001 SA C22.2 No. 60950-00 SSA C22.2 No. 60950-01 SSA C22.2 No.60950-01 SSA C22.2 No. 60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.60950-01 SSA C22.2 No.6050-01 SSA C22.2 No.	Safety of information technology equipment Safety of information technology equipment Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. 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Product Safety General test methods: "over input", Permanence of marking", Acces neasurement", SELV circuits", TNV limits", initiation", Ring signal", Humaity condition TIP, Limited power measurement", Ground Applied force", Steel sphere impact". 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vironmental Simulation			Note 1. For standards or methods listed on the scope of accreditation without a revisio	n date, laboratories are
Test Technology	Test Standard	Supporting Standards	expected to be competent in the use of the current version within one year of the date	of publication of the
Accessibility*	IEC 60529	IP-0x thru IP-6x	standard test method or upon the date specified by the standard test method originator	when the originator ha
Acoustic Noise*	GR-63-CORE Sec 4.6		implementation authority. When a superseded standard or method is required for an ac	
Airborne Contaminants	GR-63-CORE Sec 4.5	MFG & Hygroscopic Dust		
Altitude	GR-63-CORE Sec 4.1.3		will include the superseded date/version. For those that support the TCB/CB status of	
Cold Start*	ETS 300 019	IEC 60068-2-1	as a certifier on behalf of the FCC or IC the expectation is currency within 30 days of	Federal Register
Drip	IEC 60529	IP-x1 & IP-x2	publication of changes for FCC and 30 days after IC website update. This note shall n	not be construed as an
Drops*	ETS 300 019	IEC 60068-2-32	Accreditation Body implication to adopt a more current standard than is required in a line of the standard than is required in a line of the standard than is required in a line of the standard than is required in a line of the standard than is required in a line of the standard than is required in a line of the standard than is required in a line of the standard than is required in a line of the standard than is required in a line of the standard than is required in a line of the standard than standard than is required in a line of the standard than is required in a line of the standard than stand	
	GR-63-CORE Sec 4.3			regulation of code (i.e.
Dust	IEC 60529	IP-5x & IP-6x	the legal requirement) which is adopted by the lab under their responsibility.	
Firearms Resistance Testing	GR-487			
Fire Resistance	ANSI.T1.319		* On-site test service is available for this technology, test, or method.	
	GR-63-CORE Sec 4.2	Fire & Needle Flame		
Heat Dissipation*	GR-63-CORE Sec 4.1.4			
Illumination	GR-63-CORE Sec 4.7			
Operational Temperature &				
Humidity (OpTH)*	ETS 300 019	IEC 60068-2-1		
Humany (Op111)	215 500 017	IEC 60068-2-2		
		IEC 60068-2-14		
		IEC 60068-2-14 IEC 60068-2-56		
	GR-63-CORE Sec 4.1.2	IEC 00008-2-50		
Salt Fog & Spray	ASTM B117			
Spatial*	GR-63-CORE Sec 2.0 & 3.0			
Spraying-Splashing	IEC 60529	IP-x3 & IP-x4		
Storage (Temperature & Humidity)*	ETS 300 019	IEC 60068-2-1		
Storage (Temperature & Humidity)*	E13 300 019	IEC 60068-2-1 IEC 60068-2-2		
		IEC 60068-2-2 IEC 60068-2-14		
		IEC 60068-2-30		
		IEC 60068-2-56		
	GR-63-CORE Sec 4.1.1	100 (00 (0 A (
Vibration	ETS 300 019	IEC 60068-2-6		
		IEC 60068-2-27		
		IEC 60068-2-29		
		IEC 60068-2-32		
		IEC 60068-2-57		
		IEC 60068-2-64		
		Earthquake, Office &		
	GR-63-CORE Sec 4.4	Transportation		
Water Immersion	IEC 60529	IP-x7 & IP-x8		
Water Jet	IEC 60529	IP-x5 & IP-x6		
2LA Cert. No. 1627.01) 3/27/06		Page 9 of 10	(A2LA Cert, No. 1627.01) 3/27/06	Page 10 of

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