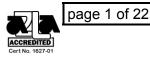


# Test Report

Report No	EH0268-1
Client	Symbol Technologies Mark Luksich
Address	One Symbol Plaza Holtsville, NY 11742
Phone	631-738-5134
Items tested	P470
Standards FCC ID FRN Equipment Type	CFR 47 FCC Part 15. Section 249(a) H9PX70 0014741755 Low Power Communication Device Transmitter
Equipment Code	DXX
Test Dates	March 7 through April 19 of 2007
Results	As detailed within this report
Prepared by	Mairaj Hussain – Test Engineer
Authorized by	Michael Buchholz – EMC Manager
Issue Date	5/9/07
Conditions of Issue	This Test Report is issued subject to the conditions stated in the ' <i>Conditions of Testing</i> ' section on page 3 of this report.

Curtis-Straus LLC is accredited to ISO/IEC 17025 by A2LA for the specific scope of accreditation under Certificate Number 1627-01. This report may contain data which is not covered by the A2LA accreditation. See our scope of accreditation at the end of this test report. Any opinions or interpretations expressed in this report are outside the scope of our A2LA accreditation as A2LA only accredits testing.



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Form Final Report REV 2-16-07 (DW)



## Summary

This report is an application for certification of a transmitter operating under 47 CFR 15.section 249(a) of the FCC rules in the frequency range 2402 – 2483MHz. The product covered by this test report is P470.

All testing was performed according to the procedures specified in ANSI C63.4 (2003). The radio was tested with modulation on. All readings are peak unless otherwise noted. The product was tested with a fresh 3.6V battery. Peak and average readings were taken for fundamental. Worst case duty cycle correction factor was applied to the average readings at the fundamental (device is not pulse modulated). Furthermore, fundamental was measured at three channels, first, mid, and last.

The EUT emissions were fully maximized, EUT's antenna could not to be maximized separately because it is integral part of the enclosure.

Measurement Distance:		
Frequency (MHz)	Distance (m)	Comments
Fundamental (Three channels) 2402, 2445, 2483MHz	3 m	Radiated
30MHz – 18GHz	3m	Radiated Spurious Measurements
18GHz – 25GHz	0.1m	Radiated Spurious

We found that the product met the above requirements with modification (see *Modifications Required for Compliance* section on page 7). The test sample was received in good condition.

Release Contro	ol Record
Issue No.	Reason for change
1	Original Release

Date Issued May 4, 2007

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May 4, 2007

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	EUT	Configur	ation		
Company Address:	Symbol Te	NY 11742			
	MN		SN		
EUT:	P470		M1K21B79L		
EUT Description:	P470 RF b	oarcode scan	ner		
EUT Max Frequency:	2483MHz				
Support Equipment:	MN		SN		
PL470 cradle	P470		M1K03E03N		
Dell laptop	Latitude C	400	B6WCN21		
EUT Cables:	Qty	Shielded?	Length	Ferrites	
none					
Unpopulated EUT Ports:	Qty	Reason			
RJ45	1	Only used to	o download so	oftware	
Software / Operating Mode D	) oscrintion				

## **Product Tested - Configuration Documentation**

The EUT was operating in TX and RX modes.





#### May 4, 2007

## Compliance Statement

The P470 has been found to conform with the following parts of the 47 CFR as detailed below:

47 CFR Part #	47 CFR Part #	Comments
	15.15(b)	The product contains no user accessible controls that increase transmission power above allowable levels.
2.925	15.19	The label is shown in the label exhibit. The label is permanently attached.
	15.21	Information to the user is shown in the instruction manual exhibit.
	15.27	No special accessories are required for compliance.
	15.31(e)	Voltage variation test was not performed because product runs on battery. A fresh battery was used.
	15.203	The device utilizes antenna specific to the product. EUT antenna is integral to the enclosure.
	15.205 15.209	The fundamental is not in a Restricted band and the spurious emissions in the Restricted bands comply with the general emission limits of 15.209.
	15.207	AC mains conducted emissions were not tested because product runs on battery only.
15.249	15.249 (a)	The EUT's operation is not classified as fixed, point- to-point therefore limits in paragraph (a) apply.
	15.249 (d)	Spurious emissions meet the general radiated emissions limits of section 15.209.
	15.249 (e)	Spurious emissions found above 1GHz meet the limits of 15.209.

## Modifications Required for Compliance

Transmitter power at fundamental was reduced in order to meet the fundamental limit of section 15.249.

R320 value was changed from 1K $\Omega$  to 3.92K $\Omega$ .



## *Test Results* Duty Cycle Correction Factor (DCF)

Duty cycle correction factor was measured and found to be 12.76dB, therefore, worst case DCF provided by client was used for calculations.

DCF = -10.5dB

Please see attached file DCCF.



## Section 15.249(a) Fundamental

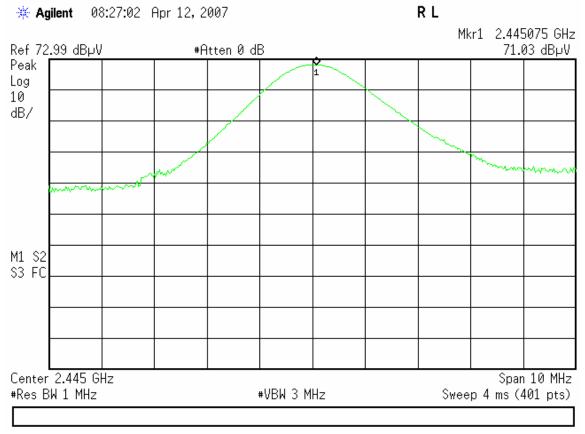
undam									Curtis-Sti	
Date:	12-Apr-07			Company:	Symbol	Technologies		w	ork Order:	H0268
Engineer:	Mairaj Hussaii	n		EUT Desc:	P470 sc	anner				
							Measureme	nt Distance:	3 m	
	DCCF>10.50		Date	- to - Do - It			EU	T Max Freq: 2	2483MHz	
Antenna	RBW: 1MHZ;	VBW:3MHz & 30Hz	Preamp	ector: Peak Antenna	Cable	Adjusted	Adjusted	FCC Class B		
Polarization	Frequency	Reading	Factor	Factor	Factor	Reading	Reading w DCCF	Limit	Margin	Result
(H / V)	(MHz)	(dBµV)	(dB)	(dB/m)	(dB)	(dBµV/m)	(dBµV/m)	(dBµV/m)	(dB)	(Pass/Fai
Hpk	2445.0	71.0	0.0	29.9	2.1	103.0		113.97	-11.0	Pass
Havg	2445.0	70.9	0.0	29.9	2.1	102.9	92.4	93.97	-1.6	Pass
Hpk	2483.0	71.3	0.0	30.0	2.2	103.5		113.98	-10.5	Pass
Havg	2483.0	71.1	0.0	30.0	2.2	103.3	92.8	93.97	-1.2	Pass
Hpk	2402.0	72.2	0.0	29.7	2.1	104.0		114.00	-10.0	Pass
Havg	2402.0	71.8	0.0	29.7	2.1	103.6	93.1	93.97	-0.9	Pass
Table	e Result:	Pass	by	-0.9	dB		W	orst Freq:	2402.0	MHz
Test Site:		Pre-Amp:			EMIR-H		Analyzer: Orange	-	Orange Hor	



May 4, 2007

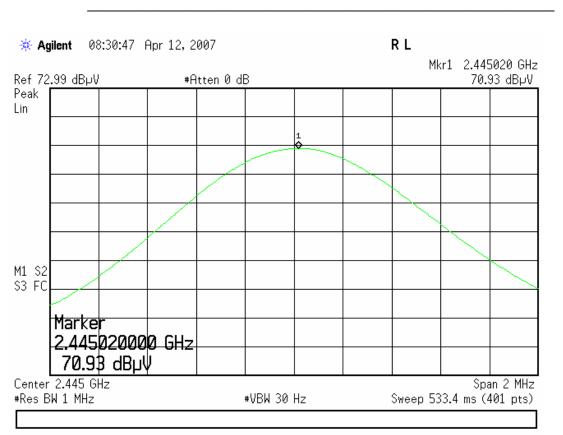
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#### Fundamental Plots

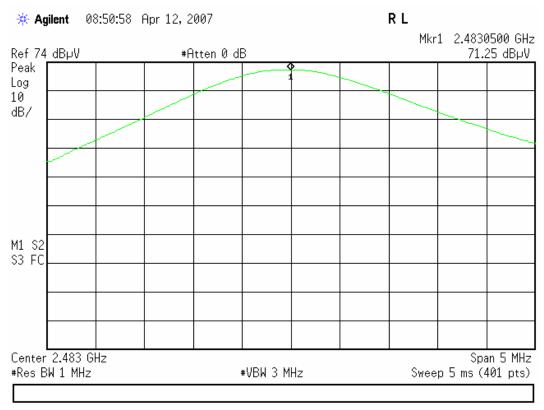


Hpk





#### Havg

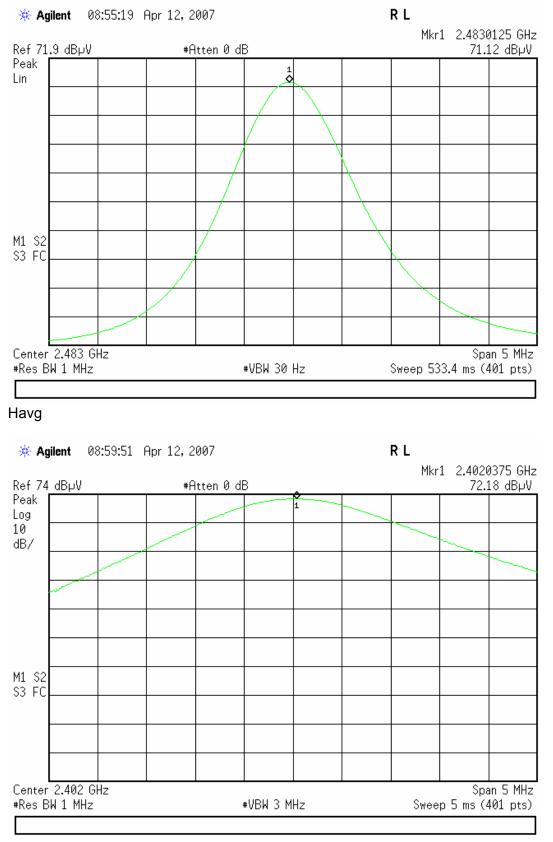


Hpk

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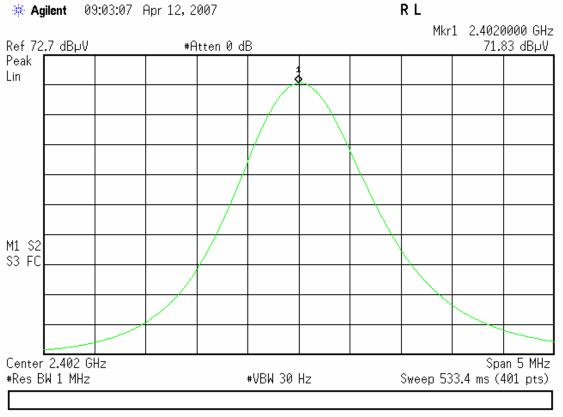


Hpk

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Havg



## Section 15.205, 15.209 & 15.249(d)

Spurious emissions & Band edge

### Table 2

Band Edg	e										Curtis-St	raus LLC
Date:	15-Mar-07			Company:	Symbol	Technologie	es			V	Vork Order:	H0268
Engineer:	Josh LeBland	;		EUT Desc:	P470 sc	anner						
	Freque	ncy Range:						l	Measuremer	nt Distance:	3 m	
	Using client's Using marker			30% for a D	CCF = -1	0.5dB						
Antenna			Preamp	Antenna	Cable	Adjusted					FCC Class I	3
Polarization	Frequency	Reading	Factor	Factor	Factor	Reading	Limit	Margin	Result	Limit	Margin	Result
(H / V)	(MHz)	(dBµV)	(dB)	(dB/m)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	(Pass/Fail)	(dBµV/m)	(dB)	(Pass/Fail)
Upper bandedge n	neasurements											
Fund pk	2483.0	74.1	0.0	30.3	1.2	105.6						
Fund avg	2483.0	73.9	0.0	30.3	1.2	105.4						
span 2mhz, rbw 30	0kHz, vbw 100	Hz Delta = 48	3.2dB									
BE pk	2483.5	25.9	0.0	30.3	1.2	57.4				74.0	-16.6	Pass
BE avg w/DCCF	2483.5	15.2	0.0	30.3	1.2	46.7				54.0	-7.3	Pass
Lower bandedge n	neasurement											
Fund pk	2402.0	74.3	0.0	30.1	1.2	105.6						
Fund avg	2402.0	74.1	0.0	30.1	1.2	105.4						
span 2.75mhz, rbv	v 30kHz, vbw 1	00kHz Delta =	= 51dB									
BE pk	2400.0	23.3	0.0	30.1	1.2	54.6				74.0	-19.4	Pass
BE avg w/DCCF	2400.0	12.6	0.0	30.1	1.2	43.9				54.0	-10.1	Pass
Test Site:	"A"	Pre-Amp:	none	Cable:	EMIR-H	IGH-20	Analyzer:	Brown		Antenna:	Black Horn	

## Table 3

Spurious	s Emissi	ons							Curtis-St	raus LLC	
Date:	12-Apr-07			Company:	Symbol	Technologi	es	Work Order: H0268			
Engineer:	Mairaj Hussa	in		EUT Desc:	P470 sc	anner					
	Freque	ency Range:	30 - 1000	ЛНz			Меа	surement Distance:	3 m		
Notes:	Тх							EUT Max Freq: 2	2483MHz		
Antenna			Preamp	Antenna	Cable	Adjusted		F	CC Class	В	
Polarization	Frequency	Reading	Factor	Factor	Factor	Reading		Limit	Margin	Result	
(H / V)	(MHz)	(dBµV)	(dB)	(dB/m)	(dB)	(dBµV/m)		(dBµV/m)	(dB)	(Pass/Fai	
h	372.0	40.9	25.0	15.8	2.2	33.9		46.0	-12.1	Pass	
h	396.8	40.0	25.0	16.5	2.4	33.9		46.0	-12.1	Pass	
h	248.0	43.9	24.9	13.0	1.7	33.7		46.0	-12.3	Pass	
h	322.4	41.1	24.9	14.5	2.1	32.8		46.0	-13.2	Pass	
h	260.4	42.6	24.9	13.2	1.8	32.7		46.0	-13.3	Pass	
h	272.8	42.0	24.9	13.4	1.8	32.3		46.0	-13.7	Pass	
v	160.0	41.0	24.8	10.9	1.2	28.3		43.5	-15.2	Pass	
h	421.6	34.7	25.1	16.9	2.5	29.0		46.0	-17.0	Pass	
v	171.3	39.5	24.8	10.3	1.2	26.2		43.5	-17.3	Pass	
v	195.3	34.9	24.9	10.5	1.4	21.9		43.5	-21.6	Pass	
v	189.7	34.0	24.9	10.3	1.4	20.8		43.5	-22.7	Pass	
Table	e Result:	Pass	by	-12.1	dB			Worst Freq:	372.0	MHz	
Test Site:	"M"	Pre-Amp:	Green	Cable:	EMIR-1	1	Analyzer: Red	Antenna:	Green		



Date:	12-Apr-07			Company:	Symbol	Technologi	es			W	ork Order:	H0268		
Engineer:	Mairaj Hussa	in		EUT Desc:	P470 sc	anner								
	Freque	ncy Range	: 1 - 25GHz						Measuremer	nt Distance:	3 m			
Notes:	Tx mode DCCF=10.5d	В	RBW:1MHz;	VBW:1MH	z and 30	Hz			EU	ſ Max Freq:	2483MHz			
Antenna			Preamp	Antenna	Cable	Adjusted	Adjusted			F	CC Class E	3		
Polarization	Frequency	Reading	Factor	Factor	Factor	Reading	Reading w DCCF	Margin	Result	Limit	Margin	Result		
(H / V)	(MHz)	(dBµV)	(dB)	(dB/m)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	(Pass/Fail)	(dBµV/m)	(dB)	(Pass/Fai		
Hpk	4803.0	57.6	41.1	35.2	3.4	55.1				74.0	-18.9	Pass		
Havg	4803.0	55.3	41.1	35.2	3.4	52.8	42.3			54.0	-11.7	Pass		
Hpk	7206.0	46.8	40.7	38.1	4.6	48.8				54.0	-5.2	Pass		
Hpk	1618.7	65.7	42.7	27.2	1.6	51.8				74.0	-22.2	Pass		
Havg	1618.7	57.1	42.7	27.2	1.6	43.2				54.0	-10.8	Pass		
Hpk	3331.6	56.0	42.2	32.6	2.8	49.2				74.0	-24.8	Pass		
Havg	3331.6	49.1	42.2	32.6	2.8	42.3				54.0	-11.7	Pass		
Hpk	5587.4	54.7	40.6	36.6	3.8	54.5				74.0	-19.5	Pass		
Havg	5587.4	46.4	40.6	36.6	3.8	46.2				54.0	-7.8	Pass		
Table	e Result:	Pass	by	-5.2	dB				Wa	orst Freq:	7206.0	MHz		

## Product was also tested in Receive mode. Spurious emissions data in Rx mode is given below. **Table 5**

kadlated	l Emissi	ons lat	Die			Curtis-St	raus LLC				
Date:	16-Apr-07			Company:	Symbol	es	Work Order: H0268				
Engineer:	Mairaj Hussa	in		EUT Desc:							
	Freque	ncy Range:	30 - 1000	Me	asurement Distance:	3 m					
Notes:	Rx mode RBW:120KH	z; VBW:300k	(Hz	Detector: 0	QΡ			EUT Max Freq:	2483MHz		
Antenna			Preamp	Antenna	Cable	Adjusted			FCC Class	В	
Polarization	Frequency	Reading	Factor	Factor	Factor	Reading		Limit	Margin	Result	
(H / V)	(MHz)	(dBµV)	(dB)	(dB/m)	(dB)	(dBµV/m)		(dBµV/m)	(dB)	(Pass/Fai	
v	46.01	40.0	22.2	10.4	1.2	29.4		40.0	-10.6	Pass	
v	87.59	39.6	22.1	7.9	1.7	27.1		40.0	-12.9	Pass	
h	247.98	39.8	21.9	12.2	3.0	33.1		46.0	-12.9	Pass	
h	260.0	35.0	21.9	12.7	3.1	28.9		46.0	-17.1	Pass	
h	272.7	38.7	21.9	13.7	3.3	33.8		46.0	-12.2	Pass	
h*	297.2	49.5	21.9	13.9	3.4	44.9		46.0	-1.1	Pass	
h	347.1	36.8 37.8	21.6	15.0	3.7	33.9		46.0	-12.1	Pass	
h	371.9	35.0	21.6	15.7	3.9	33.0		46.0	-13.0	Pass	
h	460.0	39.7	21.9	17.3	4.5	39.6		46.0	-6.4	Pass	
Table	e Result:	Pass	by	-1.1	dB			Worst Freq:	297.2	<u>MHz</u>	
Test Site:	"A"	Pre-Amp:	Black	Cable:	EMIR-0	9	Analyzer: White	Antenna:	Red-Black		

Table 6

Radiatec	l Emissi	ons Tat	ole							Curtis-St	raus LLC	
Date:	18-Apr-07			Company:	Symbol			Work Order: H0268				
Engineer:	Mairaj Hussa	in		EUT Desc:	P470 Sc	anner						
	Freque	ncy Range:	1 - 25GHz					Measureme	nt Distance:	3 m		
Notes:	Rx mode (pai RBW:1MHz;		id cradle)					EU.	T Max Freq:	2483MHz		
Antenna			Preamp	Antenna	Cable	Adjusted			F	CC Class	3	
Polarization	Frequency	Reading	Factor	Factor	Factor	Reading			Limit	Margin	Result	
(H / V)	(MHz)	(dBµV)	(dB)	(dB/m)	(dB)	(dBµV/m)			(dBµV/m)	(dB)	(Pass/Fail)	
Н	2421.0	44.3	39.8	30.1	1.2	35.8			54.0	-18.2	Pass	
н	2716.0	36.0	39.3	30.9	1.2	28.8			54.0	-25.2	Pass	
н	5422.0	35.8	39.6	36.7	1.8	34.7			54.0	-19.3	Pass	
н	10520.7	35.9	39.7	41.3	2.9	40.4			54.0	-13.6	Pass	
Table	e Result:	Pass	by	-13.6	dB			Wa	orst Freq:	10520.7	MHz	
Test Site:	"F"	Pre-Amp:	Brown	Cable:	EMIR-H	IGH-20	Analyzer: White		Antenna:	Black Horn		

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## Test Equipment Used

SPECTRUM ANALYZERS / RECEIVERS RED WHITE BLUE YELLOW GREEN BLACK TELECOM 3585A TELECOM 3585A TELECOM 3585A	RANGE 9kHz-1.8GHz 9kHz-22GHz 9kHz-1.8GHz 9kHz-2.9GHz 9kHz-26.5GHz 9kHz-12.8GHz	MN 8591E 8593E 8591E 8594E	MFR Agiler Agiler Agiler	nt 3441A0 nt 3547U0 nt 3223A0	3559 0002 1252 0002	24 I 22 I	r	CALIBRATION DUE 08-JAN-2008 06-OCT-2007
White Blue Yellow Green Black Telecom 3585A Telecom 3585A Telecom 3585A	9kHz-22GHz 9kHz-1.8GHz 9kHz-2.9GHz 9kHz-26.5GHz	8593E 8591E 8594E	Agiler Agiler	nt 3547U0 nt 3223A0	1252 0002	22 I		06-OCT-2007
BLUE YELLOW GREEN BLACK TELECOM 3585A TELECOM 3585A TELECOM 3585A	9kHz-1.8GHz 9kHz-2.9GHz 9kHz-26.5GHz	8591E 8594E	Agiler	nt 3223A0				
Yellow Green Black Telecom 3585A Telecom 3585A Telecom 3585A	9kHz-2.9GHz 9kHz-26.5GHz	8594E			0227 000	70 I		
GREEN BLACK TELECOM 3585A TELECOM 3585A TELECOM 3585A	9kHz-26.5GHz		Agilor		0000	10 1		18-DEC-2007
Black Telecom 3585A Telecom 3585A Telecom 3585A			Agiler		1958 0010	I 00		05-JUN-2007
TELECOM 3585A TELECOM 3585A TELECOM 3585A	9kHz-12 8GHz	8593E	Agiler					05-SEP-2007
Telecom 3585A Telecom 3585A		8596E	Agiler					08-DEC-2007
TELECOM 3585A	20Hz-40.0MHz	3585A	Agiler					15-FEB-2008
	20Hz-40.0MHz	3585A	Agiler					23-MAY-2007
	20Hz-40.0MHz	3585A	Agiler					Out of Service
ORANGE	9kHz-26.5GHz	E4407B	Agiler					18-DEC-2007
BROWN (RENTAL)	9kHz-26.5GHz	E4407B	Agiler					01-FEB-2008
EMI TEST RECEIVER	20-1000MHz	ESVS30						27-OCT-2008
RENTAL 7405A	100Hz-26.5 GHz	E7405A	Agiler	nt MY4421	2795 Ren	tal 1		28-DEC-2007
LISNS/MEASUREMENT								
PROBES	RANGE	MN		Mfr	SN	ASSET	Сат	CALIBRATION DUE
	0ĸHz-30MHz	8012-50-R-		Solar	956348	00753	II	05-MAY-2007
/	0ĸHz-30MHz	8012-50-R-		SOLAR	956349	00752	II	05-MAY-2007
	0ĸHz-30MHz	8012-50-R-		SOLAR	984735	00248	II	05-MAY-2007
	0ĸHz-30MHz	8012-50-R-		SOLAR	903707	00754	II	05-MAY-2007
	0ĸHz-30MHz	8012-50-R-		SOLAR	984734	00247		05-MAY-2007
	0ĸHz-30MHz	8012-50-R-		SOLAR	0411656	00986	II	05-MAY-2007
	0ĸHz-30MHz	8012-50-R-		SOLAR	0411657	00987	II	08-MAY-2007
	0kHz-30MHz	8012-50-R-		SOLAR	0411658	1080	11	05-MAY-2007
	0kHz-30MHz	8610-50-TS		SOLAR	972019	00678	11	05-MAY-2007
	0kHz-30MHz	8610-50-TS		SOLAR	972017	00675	11	05-MAY-2007
	0kHz-30MHz	8610-50-TS		SOLAR	972016	00677	11	05-MAY-2007
	0kHz-30MHz	8610-50-TS		SOLAR	972018	00676		05-MAY-2007
	0.01-150MHz	91550		TEGAM	12350	00807		26-MAY-2007
	0.01-150MHz	91550		ETS	50972	00493		23-JAN-2008
	OHZ-20MHZ	150		PEARSON	10226	00793	1	07-APR-2007
	50kHz-30MHz	N/A		C-S	N/A	00805		08-JUN-2007
	50kHz-30MHz 0kHz-30MHz	N/A CS A/C		C-S C-S	N/A	NONE		08-JUN-2007
	okhz-30MHz 0kHz-30MHz	FCC-TLIS		FISCHER	CS01 20115	00296 00746		17-NOV-2007 15-NOV-2007
CISPR 22 TELCO ISIN 9		FUC-TER	5IN-14	FISCHER	20115	00740	1	15-100-2007
OPEN AREA TEST SITES (OA)	TS)	FCC CODE	:	IC CODE	VCCI Cor	DE CAT		CALIBRATION DUE
SITE F	/	93448		IC 2762A-1	R-1688			23-JUN-2008
SITE T		93448		IC 2762A-2	R-905			23-JUN-2008
SITE A		93448		IC 2762-A	R-903			20-JUN-2008
SITE M		93448		IC 2762-M	R-904			19-JUN-2008
SITE J		93448		IC 2762A-3	R-2377			12-APR-2008
CONDUCTED TEST SITES (MAINS /	TELCO)	FCC CODE		IC CODE	VCCI Co		Сат	CALIBRATION DUE
EMI 1		93448		N/A	C-1801, T		111	NA
EMI 2		93448		N/A	C-1802, T			NA
EMI 3		93448		N/A	C-1803, T	-270		NA
Mixers/Diplexers Range	MN		Mfr	S	N	ASSET	Сат	CALIBRATION DUE
MIXER / HORN 26.5-40 GHz	11970A/28-	442-6	HP/ATM	2332A01695		1087	I	23-AUG-2007
MIXER / HORN 26.5-40 GHz	11970A/28		HP/ATM	3003A07825/		1086	I	19-SEP-2007
MIXER / HORN 40-60 GHz	M19HW	//A	OML	U301	10-1	00821	I	26-MAR-2009
MIXER 33-50 GHz	11970	Q	HP	3003A	.03155	00104	I	08-NOV-2007
MIXER / HORN 50-75 GHz	11970V /QWH-\		P/QUINSTAR	2521A0119	7/8794001	1179	I	15-NOV-2007
	110-01	٨/	HP	2521A	01334	00105	1	22-NOV-2007
Mixer 75-110 GHz	11970		1 IF	202 IA	01004	00105	•	
	11970) M12HW		OML	E301		00822	i	26-MAR-2009
MIXER 75-110 GHz		//A			10-1		i I	
MIXER 75-110 GHz MIXER / HORN 60-90 GHz	M12HW	//A //A	OML	E301	10-1 206-1	00822	i I I	26-MAR-2009

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Absorbing Clamps	RANGE		MN		Mfr	SN	Assi	et (	САТ	CALIBRATION DUE
	30-1000MHz	2	F-201-23	MM F	ISCHER	10	0008	81		20-JAN-2008
HARMONIC & FLICKER AN	ALYZER	MN		Mfr	S	N	A	SSET	Сат	CALIBRATION DUE
HFTS		HP6842A		HP	3531A	-00169	00	0738	11	30-DEC-2007
100011/2 AC POWER SYS	STEM	(2) 5001	CALIFO	ORNIA INSTRUMENT	s HK53687	/HK5368	88 00	0376	II	09-JAN-2008
PREAMPS / ATTENUATORS	/				McD		<u></u>	A 0057	0.17	
FILTERS	' Ran	IGE		MN	Mfr		SN	ASSET	CAT	CALIBRATION DU
Red	0.10-20	00MHz	ZFI	1000-LN	C-S		N/A	00798	11	28-JUL-2007
BLUE	0.01-20	00MHz	ZFI	1000-LN	C-S		N/A	00759	II	17-APR-2008
BLUE-BLACK	0.01-20	00MHz	ZFI	1000-LN	C-S		N/A	00800	II	18-JAN-2008
GREEN	0.01-20	00MHz		1000-LN	C-S		N/A	00802	II	04-APR-2008
BLACK	0.01-20	00MHz		1000-LN	C-S		N/A	00799	II	20-JUL-2007
ORANGE	0.01-20			1000-LN	C-S		N/A	00765	II	17-APR-2008
WHITE	1-20			MC-12A	C-S		6643	00760	II	22-JUL-2007
BROWN	1-20			18-4R5-17-15-SFF			.1655	1132	II	02-APR-2008
YELLOW-BLACK	1-20			MC-12A	C-S	53	5055	00801	II	22-JUL-2007
RED-GREEN	1-20			18-4R5-17-15-SFF			7550	00750		14-AUG-2007
HF (YELLOW)	18-26.			002650-60-8P-4	C-S	46	7559	00758		23-AUG-2007
HIGH PASS FILTER	1-18			A-F-55204	K&L		36	00817		05-JAN-2008
LOW PASS FILTER	1-9 (			4100/X4400-O/O	K&L		4	00816		05-JAN-2008
HF 20DB 50W ATTENUATOR				7019-20	PASTERNACK		01	00791		10-MAY-2007
HF 30DB 50W ATTENUATOR	0.03-2			E 7019-30	PASTERNACK		02	1168		10-MAY-2007
40DB 100W ATTENUATOR	0.09-40			40N100W+	MINI-CIRCUITS MICROWAVE		4900638	1231	11	08-NOV-2007
LOW FREQ LPF	10-10	0ĸHz		200K1G1	CIRCUITS	4460-0	1 DC0432		II	OUT OF SERVIC
LOW FREQ LPF	10-10	0кHz	L2	200K1G1	MICROWAVE CIRCUITS	4777-0	1 DC0434	1088		OUT OF SERVIC
ANTENNAS	Range		MN	MFR	SN	ASSET	Сат		CALIBE	ATION DUE
GREEN BILOG	30-2000MH		.6112B	CHASE	2742	00620				AN-2008
GREEN-BLACK BILOG	30-2000MH		.6112B	CHASE	2412	00020	 II			AN-2008
GREEN-RED BILOG	30-2000MH		.6112B	CHASE	2435	00990	ï			PR-2008
BLUE BILOG	30-1000MH		143	EMCO	1271	00803	II			AY-2007
GRAY BILOG	20-2000MH		141	EMCO	9703-1038	00066	l	06-MAY-		I)/30-JUN-2007(RFI
YELLOW-BLACK BILOG	20-2000MH		.6140A	CHASE	1112	00126	Ш			ll)/01-MAY-2007(RF
RED-WHITE BILOG	30-2000MH	z .	JB1	SUNOL	A091604-1	01105	I		07-N	ÓV-2008
RED-BLACK BILOG	30-2000MH	z .	JB1	SUNOL	A091604-2	01106	I		20-0	CT-2008
RED-BROWN BILOG	30-2000MH	z .	JB1	SUNOL	A0032406	1218	I		04-A	UG-2008
YELLOW HORN	1-18GHz	3	115	EMCO	9608-4898	00037	I	27-MAY-	2007(EM	I)/ 18-MAY-2007 (RF
BLACK HORN	1-18GHz	3	115	EMCO	9703-5148	00056	I		17-J	UN-2007
ORANGE HORN	1-18GHz	3	115	EMCO	0004-6123	00390	I		09-J	UN-2007
HF (WHITE) HORN	18-26.5GH	z 801	-WLM	WAVELINE	00758	00758	I		26-A	UG-2007
SMALL LOOP	10кHz-30MH	z PLA	-130/A	ARA	1024	00755	I		22-F	EB-2008
LARGE LOOP	20Hz-5MHz		511	EMCO	9704-1154	00067	I			AN-2008
ACTIVE MONOPOLE	30Hz-30MH		301B	EMCO	3824	00068	II			EC-2007
INDUCTION COIL	50-60Hz		00-4-8	C-S	N/A	00778	II			EP-2007
ADJUSTABLE DIPOLE	30-1000MH		121C	EMCO	1370	00757	I			CT-2008
ADJUSTABLE DIPOLE	30-1000MH		21C	EMCO	1371	00756	1			OV-2008
RE101 LOOP SENSOR	30Hz-100kH		1-13.3см	C-S	N/A	00818	11			AR-2009
RS101 RADIATING LOOP RS101 LOOP SENSOR	30Hz-100кн 30Hz-100кн		)1-12см 01-4см	C-S C-S	N/A N/A	00819 00820	 			AR-2009 AR-2009
						<b></b> .				<u> </u>
EFT EFT DIRECT COUPLING C	AP	MN N/A		MFR C-S		<u>SN</u> 01		ASSET 00794	CAT II	CALIBRATION DU 06-FEB-2008
ESD GENERATORS		MN		MFR	SN		ASSET	Сат		CALIBRATION DUE
GREEN		NSG435		SCHAFFNER			00763			25-OCT-2007
RED		NSG435 930D		SCHAFFNER ETS	00162 201		00762 00673			06-FEB-2008 18-AUG-2007
YELLOW										
		MNI	MED	SN	Λεειτ	CAT		~		
ANSI T1.315 SBC Noise Cart		MN	Mfr C-S	SN /	Asset	CAT				DN DUE



MULTIFUCTIONING SYSTEMS	M	N M	FR	SN	As	SET	Сат		CA	LIBRATIO	ON DUE
BLUE BESTEMC-2	711-1			824-002S		117		40			
RED BESTEMC-2	711-1			122-074S		623	11				T) / 17-APR-2008 (D+I)
MODULA 6000			FNER	005000		EMO	11			· ,	10-JAN-2008 (EFT)
EMC PRO	EMC			005292		NTAL	11	(		· ,	17-JAN-2008 (EFT)
USC 500-M	USC 50	UM6B EMI	EST VOE	6101357		EMO			09-	JAN-2008	(SURGE)
CHAMBERS AND ST	RIPLINE	MN			Mfr		SN	Asse	т Сат		CALIBRATION DUE
RFI 1 CHAMBE		3 METER CO	OMPACT	Par	ASHIELD	)	N/A	0079			01-MAY-2007
RFI 2 CHAMBE	R	04' x 07' SHIELD			DGREN		13329	0079			30-JUN-2007
<b>RFI 3 STRIPLIN</b>		N/A			C-S		N/A	0079			NA
ENVIRONMENTAL (S	SAFETY)	ECL	5	B-I	M-A INC.		2041	0002	9 I		03-JAN-2008
ENVIRONMENTAL (S	SAFETY)	SGTH-	31S	B-I	M-A INC.		2245	0032	1 I		03-JAN-2008
•	<b>.</b>										D
AMPLIFIERS	RANGE	MN	MFR	S		ASSET	Сат			ALIBRATI	
	5-1000MHz		AR		708	00032	11			-APR-20	. ,
	5-1000MHz		AR		123	00123	11			-APR-20	( )
	01-250MHz		AR		165	00039	II 				BS & EU CRFI)
	01-250MHz		AR		111	00122					BS & EU CRFI)
	01-250MHz		AR		327 454	00367	11	29-DE			RFI) / 01-MAY-2007 (RFI1
	1-250MHz 0-2.6 GHz	150A250 GRF5016A	AR GTC			RENTAL RENTAL	 			)-JUN-200 18-MAY	· · · ·
	.0-2.6 GHZ	1177H01	HUGHES			RENTAL	11			18-MAY	
	.0-4.0GHZ .0-8.0GHZ	8010H02F	HUGHES			RENTAL	11				
		8010B02F	HUGHES				11			18-MAY 18-MAY	
	-10.0GHz 0-10.0GHz		HP			RENTAL	11				
	UDIO FREQ	HP495A MPA-200	RADIO SHACK		0237 438	00086	111		0010		CE (SPARE)
	UDIO FREQ	MPA-200	RADIO SHACK	700		NONE 00862	111			NA NA	
FIELD PRO	BES	RANGE	М	N	MFR	R	SN		ASSET	Сат	CALIBRATION DUE
Red		0.01-1000N	Hz HI-4	422	HOLAD	AY	90369		00031	I	23-MAR-2008
GREEN		0.01-1000N	Hz HI-4	422	HOLAD	AY	97363		00136	1	25-JUL-2007
BLUE		0.01-1000N	Hz HI-4	422	HOLAD	AY	95696		01100	I	OUT OF CAL
MICROWAVE SURV	EY METER	2450MHz	: HI-1	501	HOLAD	AY	0007546	64	1244		09-JAN-2008
SIGNAL GENERAT	TORS	Range	MN		MFR		SN	1	ASSET	Сат	CALIBRATION DUE
Red		0.09-2000MHz	HP8648B		Agilent		3847U0	2192	00366	1	03-APR-2008
BLUE		0.1-1000MHz	HP8648A		Agilent		3426A0		00034	Ì	23-AUG-2007
GREEN		0.09-2000MHz	HP8648B		Agilent		3623A0		00125	I	16-OCT-2007
ORANGE		0.1-1000MHz	HP8648B		Agilent		3537A0		00025	I	29-JUN-2007
BROWN		0.01Hz-15MHz	HP33120A		Agilent		US3601		1211	1	OUT OF SERVICE
WHITE		0.01Hz-15MHz	HP33120A		Agilent		US3604		1219	I	10-MAY-2007
<b>BROWN-WHITE</b>	=	0.01Hz-15MHz	HP33120A		Agilent		SG4001	9842	1232	I	10-NOV-2007
BLUE-WHITE		0.1Hz-13MHz	HP3312A		Agilent		1432A0	7632	00775	I	21-MAR-2008
Sweeper		0.01-20.0GHz	HP83752A		Agilent		3610A0	1133	00087	П	02-MAY-2007
AM/FM STEREO SIG.	Gen.	0.1-170MHz	LG3236		LEADER		36873	301	00959	I	10-OCT-2008
IMPULSE GENERAT	OR	1-100Hz	CIG-25	ELEC	TRO-ME	TRICS	290	)	00942	1	05-AUG-2007
But K INTEGTION		Range	MAN	Mco	CNI	A 0.0		<b>T</b>			
BULK INJECTION ( GREEN (NEBS (		0.01-100MHz	MN 95236-1	MFR ETS	SN 50215	Ass 001			)3-NOV-2007(R		TION DUE 29-DEC-2007(Orange & Blk)
GREEN (EU CF		0.10-100MHz	95236-1	ETS	50215					,	29-DEC-2007(ORANGE & BLK)
RED (NEBS CF	,	0.01-100MHz	95236-1	ETS	34026	102					9-DEC-2007(ORANGE & BLK)
RED (EU CR		0.10-100MHz	95236-1	ETS	34026					,	02-JAN-2008(ORANGE & BLK)
BLUE (RTCA/DO-	,	2-450MHz	9142-1N	SOLAR	063824					,	. ,
RENTAL	,	2–450MHz	9142-1N	SOLAR	008508	REN	tal II			10-AU	IG-2007
0000000000			NI	N 4			CN		A0057	0	
OSCILLOSC		M					SN		ASSET		CALIBRATION DUE
EMC 100			220	TEKTRO			C036986		1166	1	28-AUG-2007
ESD REFEREN		TDS		TEKTRO			3011287		RENTAL	1	03-APR-2008
PRODUCT SAFET TELECOM 10			340 45A	TEKTRO HP/AGII			3012357 33632045	2	00737 00103	 	03-OCT-2007 30-JUN-2007
	16	0-10						-	20100		50 0011 2001
	1-1000-0	2 N	1N		Mfr		SN		ASSET	Сат	CALIBRATION DUE
DIPOLE TAPE N											
DIPOLE TAPE N 26ft Tape 26ft Tape	E #1	2338	BCME BCME	L	UFKIN UFKIN		C316 C316		00776 00777	 	22-MAR-2009 22-MAR-2009



<b>CDN NETWORKS</b>	RANGE		MN	Mfr	ASSET	Сат		CAL	IBRATION DU	JE
BLUE	0.10-100MH	Z	20A M-3	C-S	00806	11	03-NOV-200	7 (BLUE AMP)	29-DEC-200	07 (Orange & Blk Amp
Red	0.10-100MH	Z	15A M-3	C-S	00780	II	03-NOV-200	7 (BLUE AMP)	29-DEC-200	07 (ORANGE & BLK AMP
Yellow-Black	0.10-100MH	Z	15A M-3	C-S	00784	II	03-NOV-200	7 (BLUE AMP)	29-DEC-200	07 (ORANGE & BLK AMF
GREEN	0.10-100MH	Z	30A M-3	C-S	00779	II	03-NOV-200	7 (BLUE AMP)	04-AUG-20	07 (ORANGE & BLK AMF
YELLOW	0.10-100MH	Z	30A M-5	C-S	00804	Ш		03-NO	V-2007(BLUE A	MP)
BROWN	0.10-100MH	Z	M-3	C-S	1169	Ш	03-NOV-200	7 (BLUE AMP)	29-DEC-20	07 (ORANGE & BLK AMF
<b>BROWN-WHITE</b>	0.10-100MH	Z	M-3	C-S	1170	Ш		· · ·		07 ORANGE & BLK AMF
BROWN-BLACK	0.10-100MH		M-2 (DC)	C-S	1171	II		· ,		07 (ORANGE & BLK AMF
RED-BLACK	0.10-100MH		M-2 (DC)	C-S	1177	II		· · ·		07 (ORANGE & BLK AMF
GREEN-WHITE	0.10-100MH		M-2 (DC)	C-S		II		· ,		07 (ORANGE & BLK AMF
YELLOW (RES)	0.10-100MH		$00\Omega$ RESISTOR	C-S	00810	ü		· · ·		RANGE) 02-JAN-2008(BLK)
GREEN (RES)	0.10-100MH		00Ω RESISTOR	C-S	1172	ï				RANGE) 02-JAN-2008(BLK
OKEEN (KES)	0.10-1000011	<u> </u>	00321120101010	0-0	1172		001107 2007		2007(01	
RMS VOLTMETERS			MN	1	MNFR		SN	ASSET	Сат	CALIBRATION DU
		AIVIP								
TRUE-RMS N			79111		LUKE		00298	00769	!	27-OCT-2007
		\	179		LUKE		80616	1228	!	31-OCT-2007
TRUE-RMS MULTIME	•	CE)	177		LUKE		90024	00973	1	22-MAR-2008
TRUE-RMS N			177		LUKE		90025	00974	I	22-MAR-2008
TRUE-RMS MULT		1)	177		LUKE		30419	00975	I	22-MAR-2008
AC/DC CURF	ENT PROBE		A622	TEP	TRONIX	08DD	6275Dv	1246		31-JAN-2008
SURGE GE			MN		MFR		SN	ASSET	Сат	CALIBRATION DUE
TRANSIENT WAV			TWM-	5	CDI		003982	00323	Ш	05-JUN-2007
UNIVERSAL SUR	GE GENERATOF	2	M5		CDI		003966	00324	11	CAL BEFORE USE
THREE PHASE (			3CN		CDI		003455	00325	11	CAL BEFORE USE
1.2x50US PL	JGIN MODULE		1.2x50uS P	LUGIN	CDI		N/A	00842	II	CAL BEFORE USE
10x160US PL	UGIN MODULE		10x160uS F	LUGIN	C-S		N/A	00843	11	08-JUN-2007
10x560US PL	UGIN MODULE		10x560uS F	LUGIN	C-S		N/A	00841	11	08-JUN-2007
PSURGE CONTR	OLLER MODULE		PSURGE 8	3000	HAEFELY		150267	00879	11	06-JUN-2007
COUPLING/DECO	UPLING MODUL	E	PCD 90	0	HAEFELY		149213	00880	11	06-JUN-2007
IMPULSE			PIM 90		HAEFELY		149202	00881	П	06-JUN-2007
HIGH VOLTAGE CAP		8F	CS-HVC		C-S		01	00772		14-JUN-2008
NEBS SURGE		Ομι	N/A		C-S		N/A	00088	 II	18-OCT-2007
2x10uS Surg			2x10u	2	C-S		N/A	00846	II II	06-JUN-2007
10x700uS Sur		,	10x700		C-S		N/A	00847		08-JUN-2007
12 PAIR SURGE R			N/A	13	C-S		N/A N/A	00847	11	18-OCT-2007
		LE		10.00		,				
VSS 5			TSS 500 M		EMTEST		/0502100032	1155		CAL BEFORE USE
TSS 5 SCHAFFBER 2050 1			TSS500 N	/110	EMTEST		V0502100031	1156	11	CAL BEFORE USE
SCHAFFBER 2050 1	.2X50 GENERA	TOR	2050		SCHAFFNEF	<i>د</i>		Dемо	II	09-JAN-2008
Power/Noi	SE METERS		MN		Mfr		SN	ASSET	Сат	CALIBRATION DUE
Power			435B		HP	24/	15A11012	00773		03-APR-2008
Power			437B		HP		12A01367	01099	i i	03-APR-2008
Power			8481A		HP		)2A61351	00774	1	03-APR-2008
				Dev						
PSOPHO			2429		JEL & KJAER		237642	00585	11	23-FEB-2009
TRANSMISSION LINE	TESTER (DBRN	IC)	185T		AMREL	,	998658	00823		15-MAR-2009
		MANI	MED			2 11		Acort	CAT	
OVERVOLTAGE CH 72kW POWER FAULT S		MN OV1	MFR C-S			5N 1/A		ASSET 00792	CAT III	CALIBRATION DUE N/A
Power Fault Sim		OV1 OV2	C-S			J/A		00792		N/A
T OWERT AULT SIM	JLATOR	012	0-0					00110		11/7
METEOROLOG	ICAL METERS		MN		Mfr		SN	ASSET	Сат	CALIBRATION DUE
TEMP./HUMIDITY/ATM			7400 PERCEPTIO	ол II	Davis		N/A	00965		09-FEB-2009
TEMPERATURE /H			THG-912		HUGER		4000562	00303		31-JAN-2009
WEATHER CLOCK (		-	BA928		OREGON SCIENT	IFIC	4000502 C3166-1	00789	1	08-FEB-2009
WEATHER OLUUK (	INLOGURE ONL		57920		UNLOUN OUENI		00100-1	00001	I	00-1 2003
Consumabl	FS		SPEC.		MFR	ST.	OCK/MN	ASSET	Сат	CALIBRATION DUE
NEBS CHEESEC	-		-28M/KG		ED&D		CC-01	N/A		N/A
INEDS CHEESEC						A	3AB	N/A N/A		N/A N/A
NEBS CARBON E		<b>0</b> • • • •	AP 1KV SURGE		RELIABLE					

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 of it to Client 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.
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

Curtis-Straus • 527 Great Road • Littleton, MA • TEL (978) 486-8880 • FAX (978) 486-8828



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.

Rev.160009121(2)\_#684340 v13CS





## A2LA Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC 17025-1999	Immunity Electrostatic Discharge	
CURTIS-STRAUS <sup>1</sup>	Radiated Immunity (RF Electrical Fast Transient	
527 Great Road Littleton, MA 01460	Surge	EN 61000-4-5, AS/NZS 61000.4.5; KN61000-4-5
Barry Quinlan Phone: 978-486-8880	Conducted Immunity	EN 61000-4-6, AS/NZS 61000.4.6; KN61000-4-6
ELECTRICAL	Magnetic Immunity Voltage Dips and Interro	EN 61000-4-8; AS/NZS 61000.4.8; KN61000-4-8 pts EN 61000-4-11; KN61000-4-11
Valid until: July 31, 2007 Certificate Number: 1		
In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to laboratory to perform the following Electromagnetic Compatibility (EMC), Telecommunications, and P Safety tests: <b>Electromagnetic Compatibility (EMC)</b> Radiated emissions testing (electric and magnetic fields)*, Conducted emissions testing (voltage and cu Electrostatic Discharge testing*; Electrical Fast Transient testing*; Radiated Immunity testing*, Conduc Immunity testing*, Lightning Immunity testing*, Voltage Dips*, Interrupts and Voltage Variations testi Magnetic Immunity testing*; RF Power measurements*; Frequency Stability Measurements*, Longitud Induction measurements*; Information emissions testing*; Light flicker testing*, Low frequency disturba voltage testing*; Disturbance Power measurements*; Power Cross Overvoltage testing*;	oduct including emissions and ent)*; ed g*; nal	ry Specific Specifications GR-1089-CORE: GR-78-CORE (ESD) for immunity ENS0081-1; ENS0081-2; ENS0082-2; ENS0082-1; EN 61000-64; EN 61000-62; EN 6100-63; EN 61000-64; EN 50091-2; EN 55024; CISPR 24 EN 5013-4; EN 50083-2; EN 60601-1-24; EN 60601-2-2; EN 60601-2-24; EN 60601-2-24; EN 60601-2-38; EN 60601-2-24; EN 60601-2-32; EN 60601-2-38; EN 60601-2-24; EN 60601-2-32; EN 60601-2-38; EN 60601-2-34; EN 60601-3-24; EN 606051-2-36; EN 60601-2-36; EN 60557 part 2; EN 605055 Part 3; ETS 300 132-61; ETS 300 132-62; EN 300 386-61; ETS 300 132-22; EN 300 386-2; EN 300 386-1; ETS 300 132-22; EN 300 386-2;
Test Type Test Method(s)		60669-2-1; AS/NZS 3200.1.2; CNS 13783-1; ETR 283; C62.41
Emissions	Radiocommunications	
Radiated and Conducted Emissions FCC 47 CFR Parts 15 & 18; C63 4; CISPR 22; EN55022; SABS CISPR 22; AS/NZS CISPR 22; AS/NZS 3548; Canada	EU R&TTE Radio Stand	300 330-2; EN 300 440-1; EN 300 440-2; EN 300 328; EN 300 385; EN 301 893
003; CNS13438; KN 22 (RRL No. 2005-82, September 29, 2005); CISPR 11; EN 55011	EU R&TTE EMC Stand	urds EN 300 339; EN 301 489-01; EN 301 489-03; EN 301 489-17
September 29, 2003), CLSPE 11, EN 35011 CLSPE 11, ANXZS CLSPE 11, EN 35011 CLSPE 11, ANXZS CLSPE 11, EN 35012 Sol3, SABS CLSPE 13, SANXZS CLSPE 11, SANXZS SOL3PE Sol3, SABS CLSPE 13, SANXZS CLSPE 14, SANXZS CLSPE 15, SANXZS CLSPE 14, SANXZ SLSPE 14, SANXZS CLSPE 15, SANXZS 15, SANXZS CLSPE 15, SANXZS 15, SANXZ 15, SANXZS 15, SANXZ 15, SANXZS 15, SANXZ 15, SANXZ 15,	4; Canada Radio Standard N ; BB 4;	
Flicker         EN 61000-3-3; AS/NZS 61000.3.3           1 Note: This accreditation covers testing performed at the laboratory listed above and the satellite facilit located at 168 Ayer Rd, Littleton, MA 01460 and, for test types marked with an asterisk, at other sites a defined in "A2LA specific criteria for the accreditation of site testing and site calibration laboratories."		
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Other Radio Standards         RTTE 01 (DGT-Taiwan);           FCC Standards and Test methods Support TCB Status         FCC Scope A Unlicensed Radio Frequency Devices           A1         1.47 CFR Parts 11, 15 and 18	Signal power (metallic and	tration; General test methods; Lightning surge*; Drop testing*; Balance testing*; longitudinal)*; Frequency measurements*; Pulse templates*; Leakage testing*; g Aid Compatibility testing ( <i>excluding volume control</i> )*; Protocol analysis* and Jitter
2. FCC MP-5, 3. ANSI C63.4-2003, A2 1.47 CFR Part 15,	Telecom Standards	Title
2. ANSI C63.4-2003,           A3         1. 47 CFR Part 15,           2. ANSI C63.17-1998,           3. ANSI C63.4-2003,           A4         1.47 CFR Part 15,	North American standards FCC 47 CFR Part 68 Telep Terminal Equipment CS-03 Issue 9	hone Connection of terminal equipment to the telephone network. Analog and Digital Equipment. TCB Scope C1. Specification for terminal equipment, terminal systems, Network protection devices, connection arrangements and hearing aids compatibility.
2. ANSI C63.4-2003,	TIA/EIA TSB31-B 1998	Bulletin Part 68 Rationale and Measurement Guidelines
FCC Scope B = Licensed Radio Service Equipment           B1         1.47 CFR Parts 2, 22, 24, 25, and 27           2. ANSI/TIA-603-C (2004)	TIA-968-A, A1, A2, A3	(Feb 1998) Telecommunications Telephone Terminal Equipment Technical Requirements for Connection
B2         1. 47 CFR Parts 2, 22, 74, 90, 95, and 97           2. ANSJ/TIA-603-C (2004)         2           B3         1. 47 CFR Parts 2, 80, and 87           2. ANSJ/TIA-603-C (2004)         2	T1.TRQ.6-2001	of Terminal Equipment to the Telephone Network Technical Requirements for SHDSL, HDSL2, HDSL4 Digital Subscriber Line Terminal Equipment to Prevent Harm to the Telephone Network Industry
B4 1. 47 CFR Parts 2, 21, 74, and 101	Australia standards	
2. ANSI/TIA-603-C (2004)	AS/ACIF S002-2001	Analogue interworking and non-interference requirements for Customer Equipment for connection to the
Country Specific Standards and Other	AS/ACIF S016-2001	Public Switched Telephone Network Requirements for Customer Equipment for
ITU EMC Standards         K 20; K 21; K 41; K 44           Swedish EMC Standards         BAKOM 336.3           South African EMC Standards other then CISPR equivalents         SABS 1718-1; SANS 211/SABS CISPR 11; SANS 224/SABS CISPR 24; SANS 213/SABS CISPR 13; SANS 224/SABS CISPR 14-2; SANS 215/SABS CISPR 14-2; SANS 215/SABS CISPR 15; SANS 225/SABS CISPR 15;	AS/ACIF S031-2001 AS/ACIF S038-2001 AS/ACIF S043-2001	Requirements for Customer Equipment for connection to hierarchical digital interfaces Requirements for ISDN Basic Access Interface Requirements for Customer Equipment for Connection to a Metallic Local Loop Interface of a Telecommunications 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; HKTA 1042; HKTA 1043	International standards ITU-T G.703	Physical/electrical characteristics of hierarchical Digital interfaces
Singapore EMC Standards     IDA TS SRD, IDA TS EMC       Japanese VCCI Standards     VCCI V-3, VCCI V-4	Hong Kong standards HKTA 2011 HKTA 2014	Network Connection Specification for Connection of Customer 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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Telecom Standards	Title	European standards (cont'd)	
HKTA 2028	Network connection specification for connection of CPE to the PTNs in Hong Kong using digital leased	TBR 21: 1998	Terminal Equipment (TE); Attachment requirements For pan-European approval for connection to the
	circuits at data rate of 1544 kbit/s		Analogue Public Switched Telephone Networks
HKTA 2029	Network connection specification for connection of		(PSTNs) of TE (excluding TE supporting the voice
	CPE to the PTNs in Hong Kong using digital leased circuits at data rate of 2048 kbit/s		telephony service) in which network addressing, if provided, is by means of Dual Tone Multi Frequency
HKTA 2030	Network Connection Specification for Connection of		(DTMF) signaling
	Customer Premises Equipment (CPE) to the Public	TBR 24: 1997	Business TeleCommunications (BTC); 34 Mbit/s
	Telecommunications Network (PTN) in Hong Kong using Digital Leased Circuits at nx64 kbit/s		Digital Unstructured and structured leased lines (D34U and D34S); Attachment requirements for
HKTA 2031	Network Connection Specification for Connection of		Terminal equipment interface
	Customer Premises Equipment (CPE) to the Public	Taiwan standards (DGT)	
	Telecommunications Network (PTN) in Hong Kong using	ADSL01	Asymmetric Digital Subscriber Line Terminal Equipment and
HKTA 2032	Digital Leased Circuits below 64 kbit/s Network Connection Specification for Connection of	ID0002	POTS Splitter Technical Specifications DS1 Equipment Type Approval Guidelines
11K1A 2032	Customer Premises Equipment (CPE) to the Public	IS6100	ISDN Terminal Equipment Technical Specifications
	Telecommunications Networks in Hong Kong using	PSTN01 (non-voice only)	Technical Specifications for Terminal Equipment for
	Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T Recommendation G.992.1	New Zealand standards	Connection to Public Switched Telephone Network
HKTA 2033	Network Connection Specification for Connection of	PTC 200 (non-voice only)	Requirements for Connection of Customer Equipment to
	Customer Premises Equipment (CPE) to Fixed		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 0.592.2	110 270	Internit attangements for ADSE CI E
TBR 1: 1995	Attachment requirements for terminal equipment to	Singapore Standards	
	Be connected to circuit switched data networks and	IDA TS ADSL	Type Approval Specification for Asymmetric Digital
	Leased circuits using a CCITT Recommendation X.21 interface, or at an interface physically,	IDA TS ADSL 2	Subscriber Line (Full-rate ADSL) Modems Type Approval Specification for Asymmetric Digital
	functionally and electrically compatible with CCITT		Subscriber Line Splitterless (G-Lite) Modems
	Recommendation X.21 but operating at any data	IDA TS DLCN 1	Type Approval Specification for Digital Interfaces based on
TBR 2: 1997	signaling rate up to, and including, 1 984 kbit/s Attachment requirements for Data Terminal		hierarchical bit rates of 2048 kbit/s, 34 368 kbit/s and 139 264 kbit/s
	Equipment (DTE) to connect to Packet Switched	IDA TS ISDN 1	Type Approval Specification for connection of Terminal
	Public Data Networks (PSPDNs) for CCITT		Equipment to Integrated Services Digital Network (ISDN)
	Recommendation X.25 interfaces at data signaling rates up to 1 920 kbit/s utilizing interfaces derived	IDA TS ISDN 2	Basic Access Type Approval Specification for connection of Terminal
	from CCITT Recommendations X.21 and X.21 bit	15A 15 10DA 2	Equipment to Integrated Services Digital Network (ISDN)
TBR 3: 1995 + Amdt : 1997	Integrated Services Digital Network (ISDN);		Primary Rate Access (PRA)
	Attachment requirements for terminal equipment to connect to an ISDN using ISDN basic access	IDA TS PSTN (non-voice only)	Type Approval Specification for connection of Terminal Equipment to Public Switched Telephone Network (PSTN)
TBR 4: 1995 + Amdt : 1997	Integrated Services Digital Network (ISDN);	South Africa standards	Equipment to Fublic Switched Telephone Network (FSTN)
	Attachment requirements for terminal equipment to	TE-001 (non-voice only)	Standard for Telecommunication Line Terminal Equipment
TDD 010 1000 - 1 1 1007	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		
	digital structured leased lines (D2048S); Attachment requirements for terminal equipment interface		
(A2LA Cert. No. 1627.01) 3/27/06 Product Safety General test methods:		(A2LA Cert. No. 1627.01) 3/27/06  Product Safety Standards IEC 60825-1 2001	Page 6 of 10 Title Classification requirements and user's guide
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Hunidity condition CT1)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abormal*, Electric strength*, In	requirements for terminal equipment interface Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 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)	-
Product Safety General lest methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTIy*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*	requirements for terminal equipment interface Page 5 of 10 Sistility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*,	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	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
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi	requirements for terminal equipment interface 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*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, Il 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 ( <i>Including AM2 – 1997 &amp; AM 12 – 1997</i> ) EN 60335-1 2001 UL 60335-1 1998 CAN/CSA E 3255-1 1994	<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 Part 1: General requirements
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Im fame*, Needle flame*, Hot flaming oi*, Loci Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm	requirements for terminal equipment interface Page 5 of 10 Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage mg*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Tarthing*, Ground continuity*, Temperature*, Stability*, res*, Battery reverse current*, Ball pressure*, Lackage current*, pulse*, Overvoltage*, Acoustic sound pressure*, Lackage current*, pulse*, Overvoltage*, Acoustic sound pressure*, Lackage current*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 11 moun*, Laser radiation (excluding x-ray)*, Voltage surge*, 14; Capacitor short circuit abnormat*, Output abnormat*, 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 1998	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
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Product Safety General test methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot Haming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin	requirements for terminal equipment interface Page 5 of 10 Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage mg*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Tarthing*, Ground continuity*, Temperature*, Stability*, res*, Battery reverse current*, Ball pressure*, Lackage current*, pulse*, Overvoltage*, Acoustic sound pressure*, Lackage current*, pulse*, Overvoltage*, Acoustic sound pressure*, Lackage current*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, 11 moun*, Laser radiation (excluding x-ray)*, Voltage surge*, 14; Capacitor short circuit abnormat*, Output abnormat*, 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 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           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 General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, foround Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im flame*, Needle Hame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards.	requirements for terminal equipment interface Page 5 of 10 Essibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage mg*, Creepage / Clearance / Distance trun Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Lackage current*, pulse*, Overvoltage*, Acoustic sound pressure*, I30mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relict*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning*	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           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: Power input <sup>9</sup> , Permanence of marking <sup>4</sup> , Acce measurement <sup>4</sup> , SELV circuits <sup>4</sup> , TNV limits <sup>4</sup> , limitation <sup>4</sup> , Ring signal <sup>4</sup> , Humidity condition CTI) <sup>4</sup> , Limited power measurement <sup>4</sup> , Groud Applied force <sup>4</sup> , Steel sphere impact <sup>4</sup> , Mold st Component abnormal <sup>8</sup> , Electric strength <sup>4</sup> , In flame <sup>6</sup> , Needle flame <sup>4</sup> , Hot flaming oil <sup>4</sup> , Loc Torque <sup>4</sup> , Insulation resistance <sup>4</sup> , Sound level <sup>8</sup> , Transformer shorts/overloads <sup>4</sup> , Rain test <sup>7</sup> , Wi Functionality <sup>4</sup> , Protective impedance abnorm supply abnormal <sup>4</sup> , Cooling abnormal <sup>8</sup> , Heatin Product Safety Standards Specific Product Safety Standards UL 60950 2000	requirements for terminal equipment interface 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*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relicf*, 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	Product Safety Standards           IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-1 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 61010-1: 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 requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements           Safety information technology equipment Information Technology Equipment - Safety – Part1:
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wk Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EC 60950 1999	requirements for terminal equipment interface Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance trun Insulation (excluding Bond/Tarthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, palse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armute*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid over100*, Spillage*, Liquid leakage*, 11 mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 14°, Capacitor Short circuit 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 60825-3 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 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 foromation technology equipment for measurement, control, and laboratory use - Part 1: General requirements           Safety of foromation technology equipment – Safety – Part1: General requirements
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abornal*, Electris estrength*, lim flame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound levet* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 60950 1999 EN 60950 2000	Page 5 of 10 Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Loakage current*, pulse*, Overvoltage*, Acoustics sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, ull comut*, Laser radiation (excluding x-ray)*, Voltage surge*, 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 60825-4 1997-11 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 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 – Part1:
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal *, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, lim Iname*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 12000 EC 60950 12001 EC 60950 12001 UE 60950-1 2003	requirements for terminal equipment interface Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance trun Insulation (excluding Bond/Tarthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, palse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armute*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid over100*, Spillage*, Liquid leakage*, 11 mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 14°, Capacitor Short circuit 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 60825-3 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 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 requirements 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
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Im fame*, Needle Hame*, Hot Haming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards UL 60950 2000 IEC 609501 2001 UL 60950 2000 IEC 60950-1 2001 UL 60950 2003	Page 5 of 10 Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Loakage current*, pulse*, Overvoltage*, Acoustics sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, ull comut*, Laser radiation (excluding x-ray)*, Voltage surge*, 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 60825-3 1995           IEC 60825-1 1995           (Including AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1998           CAN/CSA E335-1 1994           UL 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 information technology 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           Information Technology Equipment – Safety – 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: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electris strength*, Im Iame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Functionality*, Protective impedance abnorm supply abnormal*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 60950 12003 IEC 60950 12003 IEC 60950-1 2003 IEA 60950-1 2003 IEA 60950-1 2003 IEA 60950-1 203	Page 5 of 10 Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance trun Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acoustics cound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid over10w*, Spillage*, Liquid leakage*, 11 mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 14°, Capacitor Short circuit 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.	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 1097           IEC 60825-1 1995           IEC 6035-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1994           UL 60103-1: 1994           UL 61010-1: 2001           AS/NZS 60950: 2000           EN 60950-1: 2001           AS/NZS 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 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: Power input*, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, ininitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere inpact*, Mold st Component abnormal*, Electric strength*, Im Iame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, WE Functionality*, Protective impedance abnorm apply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EC 609501 2001 UL 60950-1 2001 UL 60950-1 2001 CSA C22.2 No. 60950-00 CSA C22.2 No. 60950-103 EC 61010-1 1993	Page 5 of 10 Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage mg*, Creapage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid over10w*, Spillage*, Liquid leakage*, 1 ull mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 14, Capacitor Short circuit 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. 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 60825-3 1995           IEC 60825-1 1995           (Including AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1998           CAN/CSA E335-1 1994           UL 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 foromation technology 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           Electrical Equipment for Measurement – Safety – Part1: General requirements           Information Technology Equipment – Safety – General requirements           Medical Electrical Equipment, Part 1: General Requirements           Medical Electrical Equipment - Part 1: General           Requirements for Safety
Product Safety General test methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold at Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot flamming oil*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 60950-1 2001 UL 60950 2000 IEC 60950-1 2003 CSA (C22.2 No. 60950-10 3 IEC 61010-1 1993 EN 61010-1 1993, 2001	Page 5 of 10 Page	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-3 1995           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 60101-1: 2001           AS/NZS 60950: 2000           EN 6035-1: 2001           AS/NZS 60950: 2000           EN 6050-1: 2001           AS/NZS 60950.1: 2003           UL 61010 -1: 2004           UL 6001-1: 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 loser products – Part 4: Laser guards           Performance standard for laser products           Safety of bousehold 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 1           Information Technology Equipment – Safety – Part1: 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
Product Safety General lest methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y, condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot laming oil*, Loci Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EEC 60950 12001 EC 60950 12001 EC 60950 12001 EC 60950 12003 CSA C22 2. No. 60950-103 EEC 61010-1 1993 EN 61010-1 1993, 2001 EEC 61010-1 1993, 2001	Page 5 of 10 Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage mg*, Creapage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid over10w*, Spillage*, Liquid leakage*, 1 ull mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 14, Capacitor Short circuit 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. 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           IEC 6035-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 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 60101-1: 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 fouriements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements           Safety requirements for clearchical equipment Information Technology Equipment – Safety – Part1: 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 Medical Electrical Systems
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humitation*, Ring signal*, Humitation*, Ring signal*, Humitation*, Ring Safet, Sond Ievel*, Component abnormal*, Electris strength*, limitane*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound Ievel*, Pransformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorms supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 60950 12001 UL 60950-12003 IEC 60950 12003 IEC 60010-12003 IEC 61010-1 1993 EN 61010-1 1993, 2001 IEC 61010-1 2003 UE 61010-1 2003	Page 5 of 10 Page	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-3 1995           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 60101-1: 2001           AS/NZS 60950: 2000           EN 6035-1: 2001           AS/NZS 60950: 2000           EN 6050-1: 2001           AS/NZS 60950.1: 2003           UL 61010 -1: 2004           UL 6001-1: 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 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 of production of the 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           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 Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Systems Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Electrical Equipment - Part 1: General Requirements For Medical Electrical Electrical Equipment - Part 1: General Requirements For Medical Electrical Systems Medical Electrical Equipment - Part 1: General Requirements for Safety - Collateral Standard Systems Medical Electrical Equipment - Part 1: General Re
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electris strength*, Im Iname*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Functionality*, Protective impedance abnorms supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 60950 12001 UL 60950-1 2001 UE 60950-1 2003 CSA C22 2.N. 60950-00 CSA C22 2.N. 60950-103 IEC 61010-1 1993 EN 61010-1 1993, 2001 IEC 61010-1 2001 UE 610101-1 2003 CAN/CSA 1010-1 1999 (Including AM 2)	Page 5 of 10 Page 5 Page 5 of 10 Page 5 Page	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-1 1995           IEC 6035-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 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 60101-1: 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 information technology equipment           Information Technology Equipment – Safety – Part1: General requirements           Information Technology Equipment – Safety – General requirements           Information Technology Equipment – Safety – General requirements           Medical Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements           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 Medical Electrical Systems           Medical Electrical Equipment - Part 1: General Requirements For Safety 1: Collateral Standard; Safety Requirements For Medical Electrical Systems
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electris strength*, Im Iname*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Functionality*, Protective impedance abnorms supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 60950 12001 UL 60950-1 2001 UE 60950-1 2003 CSA C22 2.N. 60950-00 CSA C22 2.N. 60950-103 IEC 61010-1 1993 EN 61010-1 1993, 2001 IEC 61010-1 2001 UE 610101-1 2003 CAN/CSA 1010-1 1999 (Including AM 2)	Page 5 of 10 Page 5 Page 5 of 10 Page 5	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-3 1995           IEC 60825-1 2001           EC 60825-1 2001           EC 60825-1 2001           EC 60825-1 1995           (Including AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1998           CAN/CSA E335-1 1994           UL 61010-1: 2001           AS/NZS 60950- 2000           EN 61010-1: 2001           AS/NZS 60950.1: 2003           UL 61010-1: 2004           UL 60601-1: 2003           IEC 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 – 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           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 - Safety Systems           Medical Electrical Equipment - Safety Requirements for Safety           Requirements for Safety - Section 1-1, Collateral Standard: Safety Requirements For Medical Electrical Systems
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im fame*, Needle Hame*, Hot Haming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards UL 60950 2000 EEC 609501-2001 UL 60950 2000 EEC 609501-2001 UL 60950 2000 EEC 601050-1 2001 EC 60101-1 1993 EN 61010-1 1993 EN 61010-1 1993, 2001 EEC 61010-1 1993 EN 61010-1 1993 UCAN/CSA 1010-1 1995 (Including AM 2) IEC 600601-1 1995 EN 60001-1 1995 (Including AM 2)	Page 5 of 10 Page 5 Page 5 of 10 Page 5 Page	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-1 1995           IEC 60325-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 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 60101-1: 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 information technology equipment           Information Technology Equipment – Safety – Part1: General requirements           Information Technology Equipment – Safety – General requirements           Information Technology Equipment – Safety – General requirements           Medical Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements           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 Medical Electrical Systems           Medical Electrical Equipment - Part 1: General Requirements For Safety 1: Collateral Standard; Safety Requirements For Medical Electrical Systems
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im fame*, Needle Hame*, Hot Haming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards UL 60950 2000 EEC 609501-2001 UL 60950 2000 EEC 609501-2001 UL 60950 2000 EEC 601050-1 2001 EC 60101-1 1993 EN 61010-1 1993 EN 61010-1 1993, 2001 EEC 61010-1 1993 EN 61010-1 1993 UCAN/CSA 1010-1 1995 (Including AM 2) IEC 600601-1 1995 EN 60001-1 1995 (Including AM 2)	Page 5 of 10 Page 5 Page 5 of 10 Page 5	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-3 1995           IEC 60825-1 2001           EC 60825-1 2001           EC 60825-1 2001           EC 60825-1 1995           (Including AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1998           CAN/CSA E335-1 1994           UL 61010-1: 2001           AS/NZS 60950- 2000           EN 61010-1: 2001           AS/NZS 60950.1: 2003           UL 61010-1: 2004           UL 60601-1: 2003           IEC 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 baser 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 partition 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           Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements           Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Electrical Systems           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 Electrical Supprements For Medical Electrical Systems           Medical Electrical Similar Electronic Apparatus – Safety Requirements for Medical Electrical Systems
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold at Component abnormal*, Electric strength*, Im flame*, Needle Hame*, Hot Haming oit*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorma supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 609501 2900 IEC 609501 2001 UL 60950 2000 IEC 609501 2003 CSA (222, 2N6 60950-00 CSA (222, 2N6 60950-103 IEC 61010-1 1993 EN 61010-1 1993 EN 61010-1 1993 CAN/CSA 1010-1 1999 (Including AM 2) IEC 60601-1 1995 EN 60601-1 1995	Page 5 of 10 Page	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 AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           (Including AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           CAN/CSA E335-1 1994           UL 61010-1: 2001           AS/NZS 60950: 2000           EN 60305-1: 2001           AS/NZS 60950.1: 2003           UL 61010 -1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2001           EN 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 – Part 4: Laser guards           Performance standard for laser products           Safety of bousehold 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 1           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 for Safety – Part 1: General Requirements for Safety – 1: Collateral Standard: Safety 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 Medical Electrical Systems           Audio, Video and Similar Electronic Apparatus – Safety Requirements
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold at Component abnormal*, Electric strength*, Im flame*, Needle Hame*, Hot Haming oit*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorma supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 609501 2900 IEC 609501 2001 UL 60950 2000 IEC 609501 2003 CSA (222, 2N6 60950-00 CSA (222, 2N6 60950-103 IEC 61010-1 1993 EN 61010-1 1993 EN 61010-1 1993 CAN/CSA 1010-1 1999 (Including AM 2) IEC 60601-1 1995 EN 60601-1 1995	Page 5 of 10 Page 5 Page 5 of 10 Page 5	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           IEC 60825-1 1995           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           (CAN/CSA E335-1 1994           UL 61010-1: 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           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 baser 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 partition 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           Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements           Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Electrical Systems           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 Electrical Supprements For Medical Electrical Systems           Medical Electrical Similar Electronic Apparatus – Safety Requirements for Medical Electrical Systems
Product Safety General test methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impach.e. Bold Torque*, Protective impach.e. Bold Product Safety Standards UL 60950 2000 EEC 609501 2001 UE 609501 2003 EEC 609061 2001 UE 600501 2003 EEC 61010-1 1993 EN 61010-1 1993, 2001 EEC 61010-1 2001 UL 61010-1 2001 UL 61010-1 2001 UL 61010-1 1995 EN 60601-1 1995 IEC 60065 1998, 2000 ANSI/UL 6500: 1998	Page 5 of 10 Page	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 AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           (Including AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           CAN/CSA E335-1 1994           UL 61010-1: 2001           AS/NZS 60950: 2000           EN 60305-1: 2001           AS/NZS 60950.1: 2003           UL 61010 -1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2001           EN 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 – 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 particements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements           Safety requirements           Safety information technology Equipment – Safety – Part1: General Requirements           Information Technology Equipment – Safety – 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 for Safety :           Medical Electrical Equipment - Part 1: General Requirements for Safety ·           Medical Electrical Equipment - Part 1: General Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements for Safety - Section 1-1. Collateral Standard: Safety Requirements for Safety - Section 1-2. Collateral Standard: Safety Requirements for Medical Electrical Systems
Product Safety General lest methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold 3t Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EEC 609501 2001 EEC 609501 2001 EEC 609501 2001 EEC 609501 2001 EEC 609501 2001 EEC 600501 2001 EEC 61010-1 1993 EEN 61010-1 1993 EEN 61010-1 1993 EEN 61010-1 1993 EEN 61010-1 1995 EEN 60601-1 1995 EEN 60601-1 1995 EEN 60601-1 1997 EEC 600601-1 1997 EEC 600601-001 ANSI/UL 6500: 1998 CANICSA 60065-00	Page 5 of 10 Page 5 Page 5 of 10 Page 5 Page 5 of 10 Page 5 Page 5 of 10 Page 5 Pa	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-3 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 6010A-1: 2002           EN 61010-1: 2001           AS/NZS 60950: 2000           EN 60950-1: 2001           AS/NZS 60950: 1: 2003           UL 6010-1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2000           EN 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 2001           EN 60005: 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           Safety of household and similar electrical appliances Part 1: General requirements           Safety of foromation technology caujoment for measurement, control, and laboratory use - Part 1: General requirements           Safety of foromation technology equipment           Information Technology Equipment – Safety – Part1: General requirements           Safety information technology Equipment – Safety – General requirements           Information Technology Equipment – Safety – General requirements           Information Technology Equipment – Safety – General requirements           Medical Electrical Equipment, Part 1: General Requirements           Medical Electrical Equipment - Part 1: General Requirements for Medical Electrical Systems           Medical Electrical Equipment - Part 1: General Requirements for Medical Electrical Systems           Medical Electrical Equipment - Part 1: General Requirements for Medical Electrical Systems           Medical Electrical Equipment - Part 1: General Requirements for Medical Electrical Systems           Medical Electrical Equipment - Part 1: General Requirements for Medical Electrical Systems           Medical Electrical Equipment - Part 1: Genera
Product Safety General lest methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold 3t Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EEC 609501 2001 EEC 609501 2001 EEC 609501 2001 EEC 609501 2001 EEC 609501 2001 EEC 600501 2001 EEC 61010-1 1993 EEN 61010-1 1993 EEN 61010-1 1993 EEN 61010-1 1993 EEN 61010-1 1995 EEN 60601-1 1995 EEN 60601-1 1995 EEN 60601-1 1997 EEC 600601-1 1997 EEC 600601-001 ANSI/UL 6500: 1998 CANICSA 60065-00	requirements for terminal equipment interface           Page 5 of 10           ssibility*, Permissibly limits*, Energy hazard           Limited current*, Capacitor Discharge / voltage           gng*, Creapage / Distance thru Insulation (excluding           Bond/Earthing*, Ground continuity*, Temperature*, Stability*,           ress*, Battery veerse current*, Ball pressure*, Lackage current*,           palse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm           ress*, Battery veerse current*, Ball pressure*, Lackage current*,           palse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm           red rotor/motor armature*, Vibration, Bump, Drop*, Strian relief*,           Handle loading*, Liquid leakage*, 1           all count*, Laser radiation (excluding x-ray)*, Voltage surge*, if*           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.           Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General req	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 AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           (Including AN2 - 1997 & AM 12 - 1997)           EN 60335-1 1995           CAN(CSA E335-1 1994           UL 61010-1: 2001           AS/NZS 60950: 2000           EN 60350-1: 2001           AS/NZS 60950: 1: 2003           UL 61010 -1: 2004           UL 60061-1: 2003           IEC 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 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 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 – Safety – Ceneral requirements           Information Technology Equipment – Safety – Ceneral 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 - Safety – Section 1-1. Collateral           Requirements for Medical Electrical Systems           Medical Electrical Equipment - For Medical Electrical Systems           Audio, Video and Similar Electronic Apparatus – Safety Requirements           Audio, Video and Similar Electronic Aparatus – Safety Requirements <t< td=""></t<>
Product Safety General test methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Im flame*, Needle Ihame*, Hot Haming oil*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EEC 60950-1 2001 EEC 60950-1 2001 EEC 60050-1 2001 EEC 60050-1 2001 EEC 61016-1 2003 ESA (22.2 N. 60950-00 CSA (22.2 N. 60950-00 CSA (22.2 N. 60950-00 CSA (22.2 N. 60950-01 GSA (22.2 N. 60950-01 CSA (22.2 N	requirements for terminal equipment interface           Page 5 of 10           ssibility*, Permissibly limits*, Energy hazard           Limited current*, Capacitor Discharge / voltage           Bond/Earthing*, Ground continuity*, Temperature*, Stability*,           ress*, Battery reverse current*, Ball pressure*, Leakage current*,           pulse*, Creapage / Distance thun Insulation (excluding           ress*, Battery reverse current*, Ball pressure*, Leakage current*,           pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm           ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*,           Handle loading*, Liquid overflow*, Spilage*, Liquid leakage*,           uil mount*, Laser radiation (excluding x-ray)*, Voltage surge*,           g*, Creapage Short circuit abormal*, Nulti-           g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning*           Title           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 laboratory use Part 1: General requirements.           Safety requirements for laboratory use Part 1: General requirements.           Safety requirements for laborato	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 2000-5           IEC 60825-3 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 6010A-1: 2002           EN 61010-1: 2001           AS/NZS 60950: 2000           EN 60950-1: 2001           AS/NZS 60950: 1: 2003           UL 6010-1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2000           EN 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 2001           EN 60005: 2002	Title           Classification, requirements and user's guide.           Safety of laser products – Part 1: 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 requirements 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 – Ceneral requirements           Information Technology Equipment – Safety – Ceneral requirements           Information Technology Equipment – Safety – Ceneral requirements           Medical Electrical Equipment - Part 1: General Requirements for Safety           Medical Electrical Equipment - Part 1: General Requirements for Safety           Medical Electrical Equipment - Part 1: Collateral Safety Requirements for Safety – Section 1-1. Collateral Stafety Requirements for Safety – Section 1-1. Collateral Stafety Requirements           Audio, Video and Similar Electronic Apparatus – Safety Requirements           Audio, Video and Simil
Product Safety General test methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y, condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EEC 60950 12001 UL 60950 12001 EEC 60950 12001 UL 60950-1 2003 CSA C22 2. No. 60950-0 CSA C22 2. No. 60950-0 CSA C22 2. No. 60950-1 03 IEC 61010-1 1993 EEN 61010-1 1993, 2001 IEC 61010-1 2003 CAN/CSA 1010-1 1995 IEC 60061-1 1995 IEC 60061-1 1995 IEC 60061-1 1995 IEC 60061-1 1995 IEC 60061-1 1995 IEC 60061-1 1995 IEC 60065 1298, 2000 ANSI/UL 6500: 1998 CAN/CSA 60065-00 ASN/ZS 60065 2000	requirements for terminal equipment interface         Page 5 of 10         ssibility*, Permissibly limits*, Energy hazard         Limited current*, Capacitor Discharge / voltage         ing*, Creapage / Clearance / Distance trun Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Lackage current*, Pandle's outputs*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid leakage*, 11         Handle loading*, Liquid outputs abornal*, Multi-g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <b>Title</b> Safety of information technology equipment         Safety of information technology equipment         Safety of information technology equipment, including         Electrical business equipment.         Safety of information technology equipment for measurement, control and laboratory use, Part 1: General requirements.         Safety of information technology 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.         Medical electrical equipment.         Medical electrical equipment.         Medical electrical equipment.         Medical e	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 1001           IEC 60825-1 1905           IEC 60825-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1908           (UL 60335-1 1998           CAN/CSA E335-1 1994           UL 6010-1: 2001           AS/NZS 60950: 2000           EN 61010-1: 2001           AS/NZS 60950: 1: 2003           UL 61010 -1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2000           EN 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 2001           EN 600065: 2002           EN 60005: 2002           EN 6024 -1: 1: 1998	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 baser 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 – 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 For Medical 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           Mudio, Video and Similar Electronic Apparatus – Safety Requirements           Audio, Video and Similar Electronic Apparatus – Safety Requirements
Product Safety General test methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold St Component abnormal*, Electric strength*, Im fame*, Needle flame*, Hot Haming oil*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 60950-1 2001 UL 60950 2000 IEC 60950-1 2003 UL 60950 2000 IEC 60050-1 2003 UL 60950-1 2003 UL 60950-1 2003 UL 60050-1 2003 UL 601051-1 2003 CSA C22.2 No. 60950-103 IEC 61010-1 1993 EN 61010-1 1993 EN 61010-1 1993 EN 61010-1 1995 IEC 60061-1 1995 IEC 60061-1 1995 IEC 60061-1 1995 IEC 60065-1 2000 CAN/CSA 60065-00 ANN/Z5 60065-00 ANN/Z5 60065-00 CAN/CS2 2 No. 1-94 (1-98) 1994, 1998	Page 5 of 10 Page 5 Page	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 1001           IEC 60825-1 1905           IEC 60825-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1908           (UL 60335-1 1998           CAN/CSA E335-1 1994           UL 6010-1: 2001           AS/NZS 60950: 2000           EN 61010-1: 2001           AS/NZS 60950: 1: 2003           UL 61010 -1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2000           EN 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 2001           EN 600065: 2002           EN 60004-1: 1: 1998	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 baser 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 1           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 for Safety – Medical Electrical Systems           Medical Electrical Equipment - Part 1: General Requirements for Safety – Section 1-1; Collateral Stardard: Safety Requirements For Medical Electrical Systems           Audio, Video and Similar Electronic Apparatus – Safety Requirements           Medical Uservice Apparatus – Safety Requirements           Medical Video and Similar Electronic Apparatus – Safety Requirements           Audio, Video and Similar Electronic Apparatus – Safety Requirements           Medical Electrical Equipment - Part 1: General Requirements           Audio, Video and
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold si Component abnormal*, Electric strength*, Im fame*, Needle flame*, Hot flaming oi*, Loci Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm	requirements for terminal equipment interface         Page 5 of 10         ssibility*, Permissibly limits*, Energy hazard         Limited current*, Capacitor Discharge / voltage         ing*, Creapage / Clearance / Distance trun Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Lackage current*, Pandle's outputs*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid leakage*, 11         Handle loading*, Liquid outputs abornal*, Multi-g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* <b>Title</b> Safety of information technology equipment         Safety of information technology equipment         Safety of information technology equipment, including         Electrical business equipment.         Safety of information technology equipment for measurement, control and laboratory use, Part 1: General requirements.         Safety of information technology 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.         Medical electrical equipment.         Medical electrical equipment.         Medical electrical equipment.         Medical e	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 1001           IEC 60825-1 1905           IEC 60825-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1908           (UL 60335-1 1998           CAN/CSA E335-1 1994           UL 6010-1: 2001           AS/NZS 60950: 2000           EN 61010-1: 2001           AS/NZS 60950: 1: 2003           UL 61010 -1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2000           EN 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 2001           EN 600065: 2002           EN 60004-1: 1: 1998	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 baser 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 – 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 For Medical 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           Mudio, Video and Similar Electronic Apparatus – Safety Requirements           Audio, Video and Similar Electronic Apparatus – Safety Requirements
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold at Component abnormal*, Electric strength*, Im fame*, Needle fame*, Hot faming oit*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EEC 60950-1 2003 EEC 60050-1 2003 CSA (222 2 No. 60950-00 CSA (222 2 No. 60950-103 EEC 61010-1 1093 EN 61010-1 1093 EN 61010-1 1093 EN 61010-1 1095 (CAN/CSA 1010-1 1099 (Including AM 2) IEC 60061-1 1095 EN 60601-1 1095 EN 60601-1 1095 EN 60605-100 CAN/CSA 60065-00 ANNIZUL 6500: 1998 CAN/CSA 60065-2000 Canadian C22.2 No. 1-94 (1-98) 1094, 1098 EN 60005 1094	requirements for terminal equipment interface           Page 5 of 10           ssibility*, Permissibly limits*, Energy hazard           Limited current*, Capacitor Discharge / voltage           ing*, Crepage / Clearance / Distance trun Insulation (excluding           Bond/Earthing*, Ground continuity*, Temperature*, Stability*,           ress*, Battery verse current*, Ball pressure*, Lackage current*,           pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm           ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*,           Handle loading*, Liquid Okasqe*, Liquid leakage*, 1           il moun*, Laser radiation (excluding x-ray)*, Voltage surge*,           i*, Capacitor Short circuit abnormal*, Nulti-           g device abnormal*, Interlock 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 electrical equipment for measurement, control and laboratory use, Part 1: General requirements.           Safety requirements for laboratory use Part 1: General requirements.           Medical electrical equipment. Part 1: General requirements.           Safety requirements for laboratory use Part 1: General requirements.	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 1001           IEC 60825-1 1905           IEC 60825-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1908           (UL 60335-1 1998           CAN/CSA E335-1 1994           UL 6010-1: 2001           AS/NZS 60950: 2000           EN 61010-1: 2001           AS/NZS 60950: 1: 2003           UL 61010 -1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2000           EN 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 2001           EN 600065: 2002           EN 60004-1: 1: 1998	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 baser 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           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 for Safety           Medical Electrical Equipment - Part 1: General Requirements for Safety (= Section 1); Collateral Standard: Safety Requirements For Medical Electrical Systems           Medical Electrical Suptement - Part 1: General Requirements for Safety – Section 1-1; Collateral Stafety Requirements of Safety Requirements and Smilar Electronic Apparatus – Safety Requirements           Medical Video and Similar Electronic Apparatus – Safety Requirements           Audio, Video and Similar Electronic Apparatus – Safety Requirements           Mudio, Video and Similar Electronic Apparatus – Safety Requirements           <
Product Safety General test methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humids*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot flaming off*, Loci Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EEC 60950 12001 UL 60950-1 2003 CSA C222 No. 60950-10 CSA C222 No. 60950-10 CSA C222 No. 60950-10 SCA C222 No. 60950-10 SCA C22 No. 60950-10 UL 61010-1 1993 EN 61010-1 1993 EN 61010-1 1993 CAN/CSA 1010-1 1999 (Including AM 2) UL 2601-1 1995 EN 606051-1 1995 EN 606051-1 1995 EN 60005-10 CAN/CSA 60065-00 ANSI/UL 6500: 1998 CAN/CSA 60065-00 ANSI/UL 6500: 1998 CAN/CSA 60065-00 Canadian C22 2 No. 1-94 (1-98) 1994, 1998 EN 60065 1994 IEC 60065 1994 IEC 60065 1994	Page 5 of 10 Page 5 Page 5 of 10 Page 5 Page 5 of 10 Page 5 Page	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 1001           IEC 60825-1 1905           IEC 60825-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1908           (UL 60335-1 1998           CAN/CSA E335-1 1994           UL 6010-1: 2001           AS/NZS 60950: 2000           EN 61010-1: 2001           AS/NZS 60950: 1: 2003           UL 61010 -1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2000           EN 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 2001           EN 600065: 2002           EN 60004-1: 1: 1998	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 baser 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           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 for Safety           Medical Electrical Equipment - Part 1: General Requirements for Safety (= Section 1); Collateral Standard: Safety Requirements For Medical Electrical Systems           Medical Electrical Suptement - Part 1: General Requirements for Safety – Section 1-1; Collateral Stafety Requirements of Safety Requirements and Smilar Electronic Apparatus – Safety Requirements           Medical Video and Similar Electronic Apparatus – Safety Requirements           Audio, Video and Similar Electronic Apparatus – Safety Requirements           Mudio, Video and Similar Electronic Apparatus – Safety Requirements           <
Product Safety General test methods: Power input?, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, limitation*, Ring signal*, Humidi y condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold St Component abnormal*, Electric strength*, Im flame*, Needle flame*, Hot flamming oil*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 IEC 609501 2900 IEC 609501 2003 CSA C22.2 No. 60950-00 CSA C22.2 No. 60950-103 IEC 61010-1 1993 EN 61010-1 1993 EN 61010-1 1993 EN 61010-1 1995 (CAN/CSA 1010-1 1999 (Including AM 2) UL 60061-1 1995 IEC 60061-1 1995 IEC 60065-100 ANN/CSA 00065-00 ANN/CSA 60065-00 ANN/ZS 60065 2000 Canadian C22.2 No. 1-94 (1-98) [994, 1998 EN 60065 1994	requirements for terminal equipment interface           Page 5 of 10           ssibility*, Permissibly limits*, Energy hazard           Limited current*, Capacitor Discharge / voltage           ing*, Crepage / Clearance / Distance trun Insulation (excluding           Bond/Earthing*, Ground continuity*, Temperature*, Stability*,           ress*, Battery verse current*, Ball pressure*, Lackage current*,           pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm           ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*,           Handle loading*, Liquid Okasqe*, Liquid leakage*, 1           il moun*, Laser radiation (excluding x-ray)*, Voltage surge*,           i*, Capacitor Short circuit abnormal*, Nulti-           g device abnormal*, Interlock 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 electrical equipment for measurement, control and laboratory use, Part 1: General requirements.           Safety requirements for laboratory use Part 1: General requirements.           Medical electrical equipment. Part 1: General requirements.           Safety requirements for laboratory use Part 1: General requirements.	Product Safety Standards IEC 60825-1 2001           IEC 60825-2 2000-5           IEC 60825-2 1001           IEC 60825-1 1905           IEC 60825-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1905           (Including AM2 - 1997 & AM 12 - 1997)           EN 60335-1 1908           (UL 60335-1 1998           CAN/CSA E335-1 1994           UL 6010-1: 2001           AS/NZS 60950: 2000           EN 61010-1: 2001           AS/NZS 60950: 1: 2003           UL 61010 -1: 2004           UL 60601-1: 2003           IEC 60601-1-1: 2000           EN 60601-1-1: 2001           UL 60065: 2003           CSA 60065: 2003           IEC 60065: 2001           EN 600065: 2002           EN 60004-1: 1: 1998	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 baser 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           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 for Safety           Medical Electrical Equipment - Part 1: General Requirements for Safety (= Section 1); Collateral Standard: Safety Requirements For Medical Electrical Systems           Medical Electrical Suptement - Part 1: General Requirements for Safety – Section 1-1; Collateral Stafety Requirements of Safety Requirements and Smilar Electronic Apparatus – Safety Requirements           Medical Video and Similar Electronic Apparatus – Safety Requirements           Audio, Video and Similar Electronic Apparatus – Safety Requirements           Mudio, Video and Similar Electronic Apparatus – Safety Requirements           <



Environmental Simulation Test Technology Accessibility* Acoustic Noise* Airborne Contaminants Altitude Cold Start* Drip Drops* Dust Firearms Resistance Testing Fire Resistance Heat Dissipation* Illumination Operational Temperature & Humidity (OpTH)*	<u>Test Standard</u> IEC 60529 GR-63-CORE Sec 4.6 GR-63-CORE Sec 4.1.3 ETS 300 019 IEC 60529 ETS 300 019 GR-63-CORE Sec 4.3 IEC 60529 GR-487 ANSLT1.319 GR-63-CORE Sec 4.2 GR-63-CORE Sec 4.1.4 GR-63-CORE Sec 4.7 ETS 300 019	Supporting Standards IP-0x thru IP-6x MFG & Hygroscopic Dust IEC 60068-2-1 IP-x1 & IP-x2 IEC 60068-2-32 IP-5x & IP-6x Fire & Needle Flame IEC 60068-2-1 IEC 60068-2-1 IEC 60068-2-56	Note 1. For standards or methods listed on the scope of accreditation without a revision date, expected to be competent in the use of the current version within one year of the date of publ standard test method or upon the date specified by the standard test method originator when t implementation authority. When a superseded standard or method is required for an accredit will include the superseded date/version. For those that support the TCB/CB status of the org as a certifier on behalf of the FCC or IC the expectation is currency within 30 days of Federa publication of changes for FCC and 30 days after IC website update. This note shall not be c Accreditation Body implication to adopt a more current standard than is required in a regulat the legal requirement) which is adopted by the lab under their responsibility. * On-site test service is available for this technology, test, or method.	ication of the the originator has ed test, the scope ganization acting al Register construed as an
Salt Fog & Spray Spatial* Spraying-Splashing Storage (Temperature & Humidity)* Vibration	GR-63-CORE Sec 4.1.2 ASTM B117 GR-63-CORE Sec 2.0 & 3.0 IEC 60529 ETS 300 019 GR-63-CORE Sec 4.1.1 ETS 300 019	IP-x3 & IP-x4 IEC 60068-2-1 IEC 60068-2-1 IEC 60068-2-4 IEC 60068-2-30 IEC 60068-2-30 IEC 60068-2-6 IEC 60068-2-6 IEC 60068-2-29 IEC 60068-2-32 IEC 60068-2-32 IEC 60068-2-57 IEC 60068-2-64		
Water Immersion Water Jet (A2LA Cert. No. 1627.01) 3/27/06	GR-63-CORE Sec 4.4 IEC 60529 IEC 60529	Earthquake, Office & Transportation IP-x7 & IP-x8 IP-x5 & IP-x6 Page 9 of 10	(A2LA Cert. No. 1627.01) 3/27/06	Page 10 of 10

