

Test Report

Report No	H0825-3
Client	InterSense, Inc
Address	36 Crosby Drive Bedford, MA 01730
Phone	781-541-7616
Items tested FCC ID IC ID FRN	IS900 RS422 16 Channel Receiver TK5-IS9RX16 6414A-IS9RX16 0013917356
Equipment Code Emission Designator	DTS 2M70G1D
FCC/IC Rule Parts	47 CFR 15.247, RSS 210 issue 7 and RSS GEN issue 2
Test Dates	July 19 th , 26 th , 27 th , 29 th , and August 2 nd and 30th 2007
Results	As detailed within this report
Prepared by	David Harris – Test Engineer
Authorized by	Michael Buchholz – EMC Manager
Issue Date	8/31/07
Conditions of Issue	This Test Report is issued subject to the conditions stated in the 'Conditions of Testing' section on page 31 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.

Testing Cert. No. 1627-01



Contents

Contents	
Summary	
Test Methodology	3
Product Tested - Configuration Documentation	4
Statement of Conformity	
Test Results	
Bandwidth	
Peak Power	
Band Edge Measurements	
Duty Cycle Correction Calculation	
Radiated Spurious Emissions	
Conducted Spurious Emissions	
Power Spectral Density	
AC Line Conducted Emissions	
Voltage Variations	
Occupied Bandwidth	
Test Equipment Used	
Conditions Of Testing	
A2LA Accreditation	

Form Final Report REV 7-20-07 (DW)

Summary

This test report supports an application for certification of a transmitter operating pursuant to 47 CFR 15.247 and RSS-210. The product is the IS900 RS422 16 Channel Receiver MN100-IS9-RX16. It is a transmitter/receiver that operates in the range 2405-2480MHz.

We found that the product met the above requirements without modification. The test sample was received in good condition.

Test Methodology

Radiated emission and AC Line conducted testing was performed according to the procedures specified in ANSI C63.4 (2003) and RSS-GEN. Radiated Emissions were maximized by rotating the device around three orthogonal axes as well as varying the test antenna's height and polarity. The device antenna cannot be maximized separately.

The EUT does not have an antenna gain <6dBi. Therefore there is no limit reduction. [15.247 (b) (4)]

Conducted emission at the antenna port was performed as required by rule section.

The EUT operating voltage is 9Vdc powered by a DC Bus.

The environmental conditions are shown below.

Date	Temperature	Humidity
7/19/07	24.4°C	49%
7/26/07	25.1°C	38%
7/27/07	24.6°C	38%
7/29/07	25.1°C	39%
8/02/07	24.6°C	38%
8/30/07	25.1°C	44%

The following bandwidths were used during radiated spurious and line conducted emissions.

Frequency	RBW	VBW
0.15-30MHz	9kHz	30kHz
30-1000MHz	120kHz	1MHz
1-25GHz	1MHz	3MHz

Release Control Record

Issue No. Reason for change Date Issued

1 Original Release August 31, 2007



Product Tested - Configuration Documentation

EUT Configuration

Work Order: H0825

Company: InterSense, Inc Company Address: 36 Crosby Drive

Bedford, MA 01730

Contact: Bob Hommel

EUT MN SN

EUT Description: RS422 16 Channel Receiver

EUT Max Frequency: 2.48GHz

Support Equipment:	MN		SN		
IS900 Micro-Transmitter	100-91000)-EWTX	ETX-07072	54-A	
Head Tracker	100-91003	B-AWHT	UHT-07072	58-A	
Compaq Presario Laptop	1670		1V92CGX3I	P4TS	
Serial to RS232 Dongle	N/A		NA		
Dongle Supply (9Vdc)	KSAFE09	00275T1M2	NA		
Base Unit (for AC CEMI Only)	100-IS900	-PCU8	I9B-060966	3-0	
EUT Cables:	Qty	Shielded?	Length	Ferrites	
RS422 Receiver Cable	1	Braid	1m	None	
Unpopulated EUT Ports:	Qty	Reason			
None		·			

Software / Operating Mode Description:

EUT uses DSS in the 2.4 to 2.48GHz range. 16 channels can be selected at 5MHz spacing. No frequency hopping is implemented. EUT uses three different programs. DeviceTool allows you to change channels, FCC_Wireless puts the EUT in normal pulse mode operation. FCC_Direct.exe allows you to put the EUT in continuous Tx mode, with or without modulation.

Statement of Conformity

The IS900 RS422 16 Channel Receiver has been found to conform to the following parts of 47 CFR, RSS-GEN and RSS 210 as detailed below:

RSS-GEN	RSS 210	Part 15	Comments
5.3		15.15(b)	There are no controls accessible to the user that varies the output power.
5.2		15.19	The label is shown in the label exhibit.
7.1.5		15.21	Information to the user is shown in the instruction manual exhibit.
		15.27	No special accessories are required for compliance.
		15.31	The EUT was tested in accordance with the measurement standards in this section.
		15.33	Frequency range was investigated according to this section, unless noted in specific rule section under which the equipment operates.
		15.35	The EUT emissions were measured using the measurement detector and bandwidth specified in this section, unless noted in specific rule section under which the equipment operates.
7.1.4		15.203	The antenna for this device is hardwired to the PCB.
	2.6	15.205 15.209	The fundamental is not in a Restricted band and the spurious and harmonic emissions in the Restricted bands comply with the general emission limits of 15.209.
7.2.2		15.207	EUT meets the AC Line conducted emissions requirements of 15.207.
	Annex 8	15.247	The unit complies with the requirements of 15.247
4.6.1			Occupied Bandwidth measurements were made.

Test Results

Bandwidth

LIMIT

The minimum 6 dB bandwidth shall be at least 500 kHz. [15.247(a) (2)]

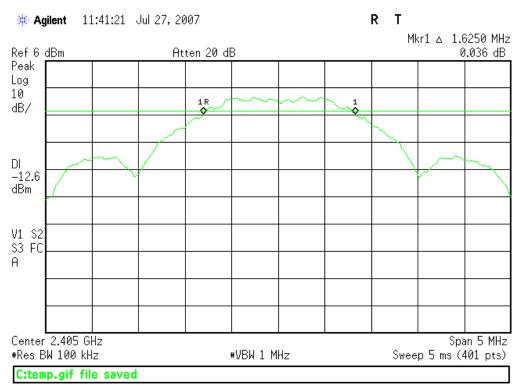
MEASUREMENTS / RESULTS

RBW = 100kHzVBW = 1MHz

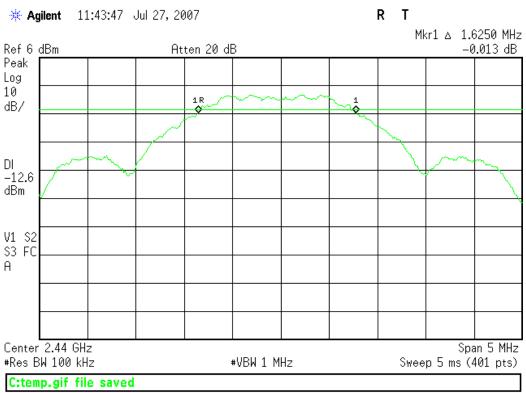
Measured 6dB bandwidth = Channel 0 – 1.6250MHz Channel 7 – 1.6250MHz Channel 15 – 1.6125MHz

All readings exceed the limit of 500kHz therefore the EUT passes the requirement.

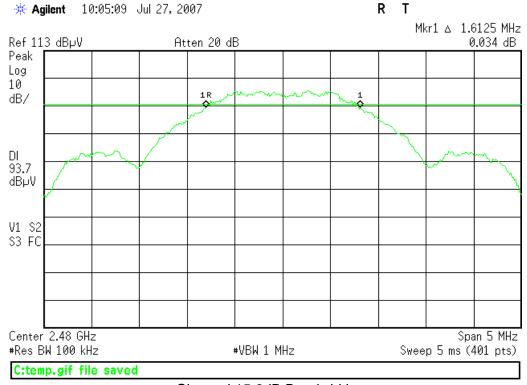
PLOTS



Channel 0 6dB Bandwidth







Channel 15 6dB Bandwidth

Peak Power

LIMIT

Conducted Output Power at the antenna port 1 Watt [15.247(b) (3)]

MEASUREMENTS / RESULTS

RBW = 3MHzVBW = 3MHz

Cable loss factored into Spectrum Analyzer Reading.

Measured conducted output power – Channel 0 = -3.32dBm = 0.00047W

Channel 7 = -2.919dBm = 0.00051W

Channel 15 = -2.84dBm = 0.00052W

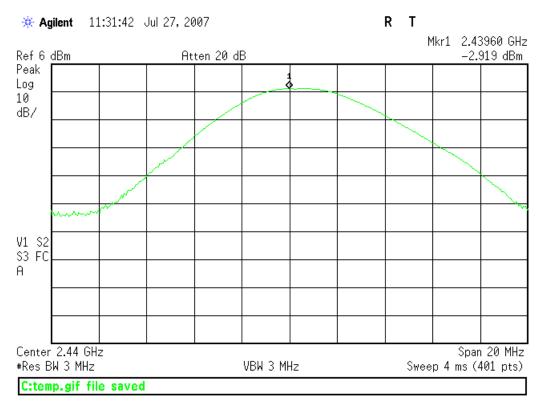
All power readings are below the limit 1 Watt therefore the EUT passes the requirement.

PLOTS

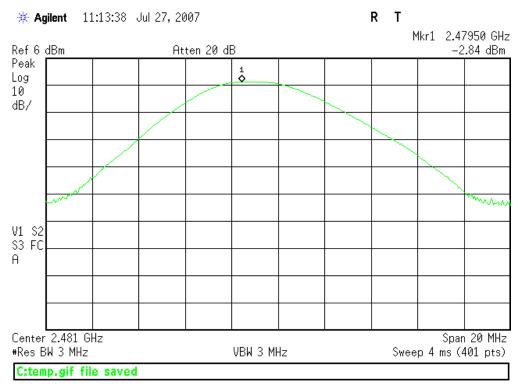


Channel 0 Peak Conducted Output Power Channel 0





Channel 0 Peak Conducted Output Power Channel 7



Channel 0 Peak Conducted Output Power Channel 15



Band Edge Measurements

LIMITS

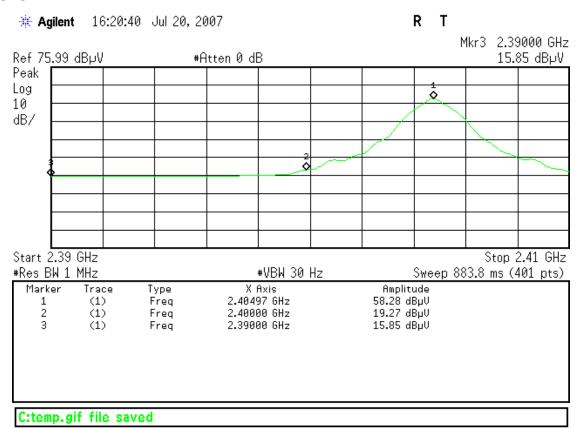
Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a). [15.247(d)]

MEASUREMENTS / RESULTS

Band Ed	ge										Curtis-St	raus LLC
Date:	Date: 20-Jul-07 Company: Intersense									W	ork Order:	H0825
Engineer:	David Harris			EUT Desc:	IS900 R	S422 16	Channel R	eceiver				
	Measurement Distance: 3 m											
Antenna			Preamp	Antenna	Cable	DCC	Adjusted			FC	FCC Part 15.209	
Polarization	Frequency	Reading	Factor	Factor	Factor	Factor	Reading			Limit	Margin	Result
(H / V)	(MHz)	(dBµV)	(dB)	(dB/m)	(dB)	(dB)	(dBµV/m)			(dBµV/m)	(dB)	(Pass/Fail)
Hpk	2390.0	15.9	0.0	28.9	1.4	0.0	46.2			74.0	-27.9	Pass
Hav	2390.0	15.9	0.0	28.9	1.4	15.3	30.9			54.0	-23.1	Pass
Hpk	2483.5	21.5	0.0	29.1	1.4	0.0	52.0			74.0	-22.0	Pass
Hav	2483.5	21.5	0.0	29.1	1.4	15.3	36.8			54.0	-17.3	Pass
Table	e Result:	Pass	by	-14.9	dB				Wo	orst Freq:	2483.5	MHz
Test Site:	"T"	Pre-Amp:	none	Cable:	EMIR-H	IGH-14		Analyzer: Orange		Antenna: Black Horn		

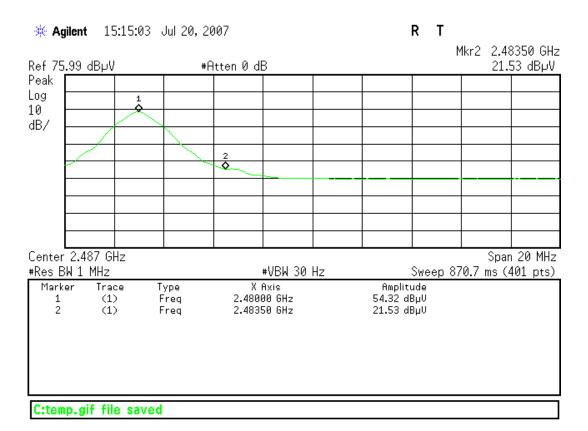
RBW = 1MHzVBW = 30Hz

PLOTS



Low Bandedge Channel 0





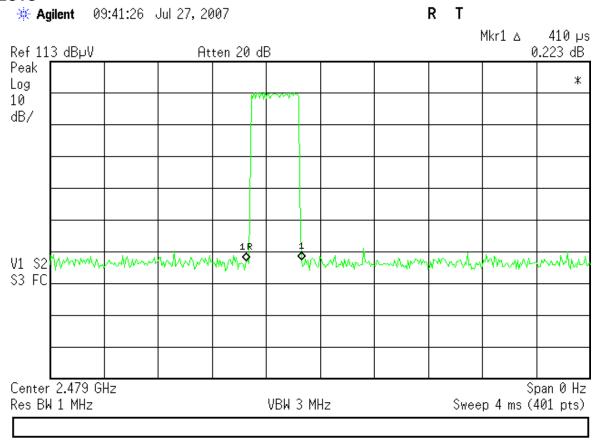
High Bandedge Channel 15

Duty Cycle Correction Calculation

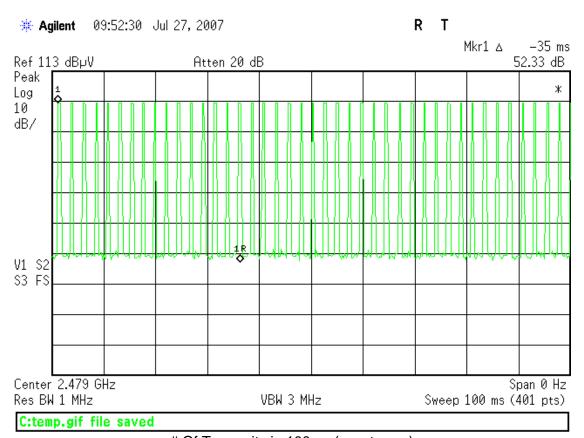
MEASUREMENTS / CALCULATIONS

EUT on time = .410mS # of transmits in 100mS = 42 Total on time = 0.410 x 42 = 17.22mS Duty Cycle = 17.22/100 = .1722 = 17.22% DCCF = 20log(17.22/100) = -15.28dB

PLOTS



EUT on Time of Single Pulse



Of Transmits in 100ms (worst case)

Radiated Spurious Emissions

LIMITS

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a). [15.247(d)]

MEASUREMENTS / RESULTS

	cs (puls	ea emis							Curtis-Stra		
Date:	26-Jul-07			Company:	Intersen	se			Work Order:	H0825	
Engineer:	David Harris		ı	EUT Desc:	IS900 R	S422 16	Channel Re	eceiver			
	Freque	ncy Range:	1-18GHz					Measurement D	stance: 3 m		
Notes:	Radiated Spu DCCF -15.28		ions Harmo	nics				EUT Ma	ax Freq: 2.4GHz		
Antenna			Preamp	Antenna	Cable	DCC	Adjusted		FC	C Part 15.2	209
Polarization (H / V)	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Factor (dB/m)	Factor (dB)	Factor (dB)	Reading (dBµV/m)		Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)
Channel 0											
Vpk	4810	58.33	39.5	33.0	1.8	0.0	53.6		74.0	-20.4	Pass
Vav	4810	58.33	39.5	33.0	1.8	15.3	38.4		54.0	-15.7	Pass
Channel 7											
Vpk	4870	61.7	39.5	33.1	1.8	0.0	57.1		74.0	-16.9	Pass
Vav	4870	61.7	39.5	33.1	1.8	15.3	41.8		54.0	-12.2	Pass
Channel 15	4050.0	00.4	00.7	00.0	4.0		50.7		740	45.0	_
Vpk Vav	4958.9 4958.9	63.4 63.4	39.7 39.7	33.2 33.2	1.8 1.8	0.0 15.3	58.7 43.4		74.0 54.0	-15.3 -10.6	Pass Pass
vav	4936.9	03.4	39.7	33.2	1.0	13.3	43.4		54.0	-10.0	F d 5 5
Table	e Result:	Pass	by	-10.6	dB				Worst Freq:	4958.9	MHz
Test Site:	"T"	Pre-Amp:	none	Cable:	EMIR-H	IGH-14		Analyzer: Orange	Antenna:	Black Horn	

No other radiated spurious emissions were found in the range 30MHz-25GHz.



Conducted Spurious Emissions

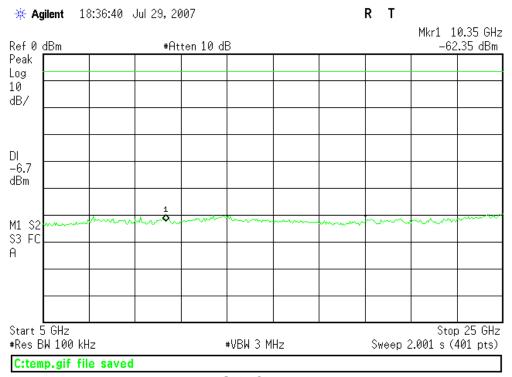
LIMITS

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth that contains the highest level of desired power...
[15.247(d)]

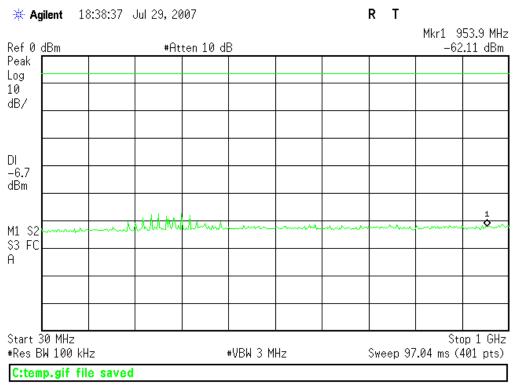
MEASUREMENTS / RESULTS

RBW = 100kHzVBW = 3MHz

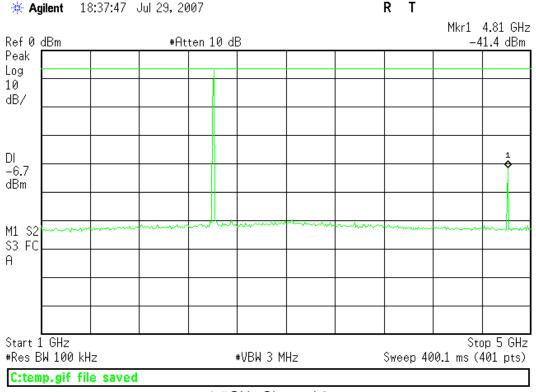
All Spurious and Harmonic emission are at least 20dB below that of the fundamental; therefore the EUT passes the requirement. See plots for data.



5-25GHz Channel 0

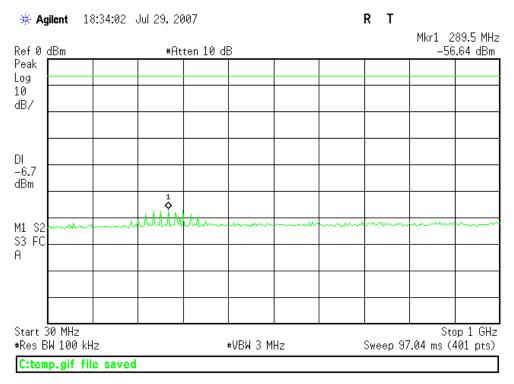


30-1000MHz Channel 0

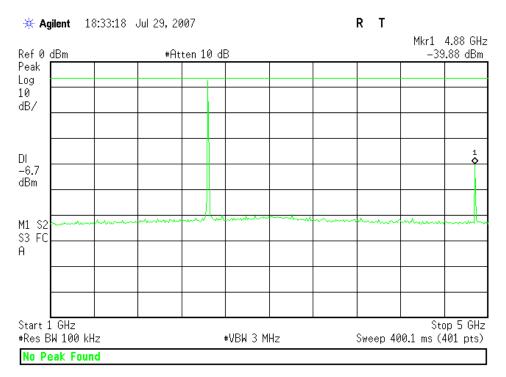


1-5GHz Channel 0



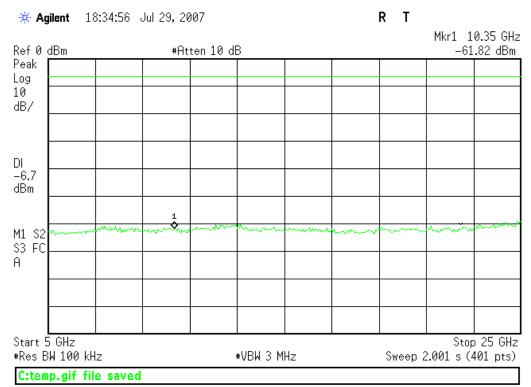


30-1000MHz Channel 7

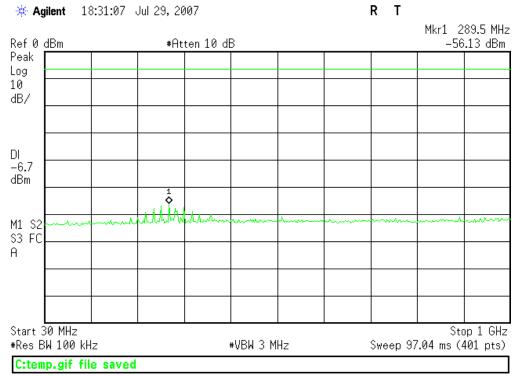


1-5GHz Channel 7

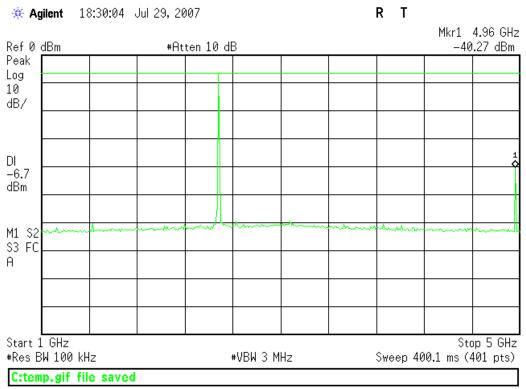




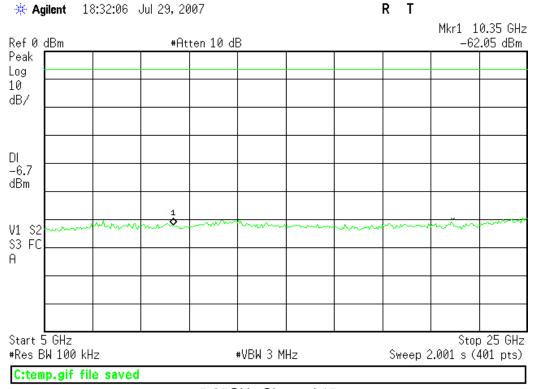
5-25GHz Channel 7



30-1000MHz Channel 15



1-5GHz Channel 15



5-25GHz Channel 15

Power Spectral Density

LIMIT

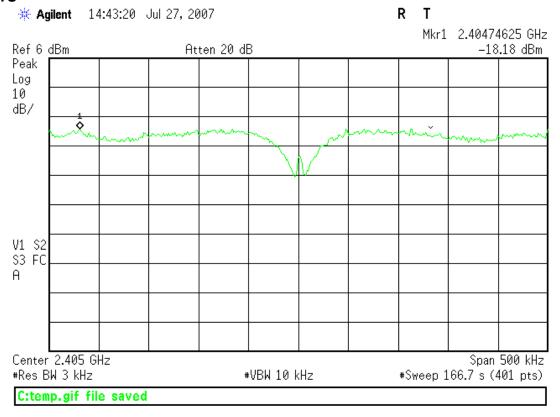
...the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission. [15.247(e)]

MEASUREMENTS / RESULTS

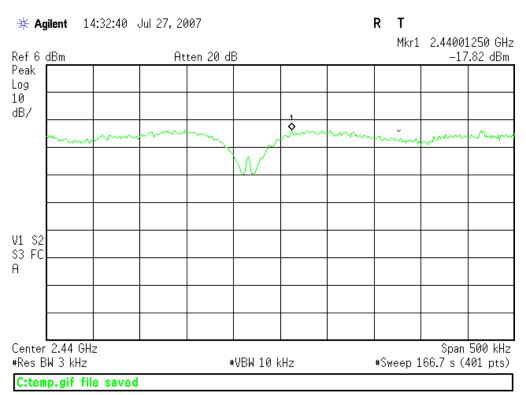
Highest Power Spectral Density – Channel 0 = -18.18dBm Channel 7 = -17.82dBmChannel 15 = -17.26 dBm

All measurements are below the 8dBm limit therefore the EUT meets the requirement.

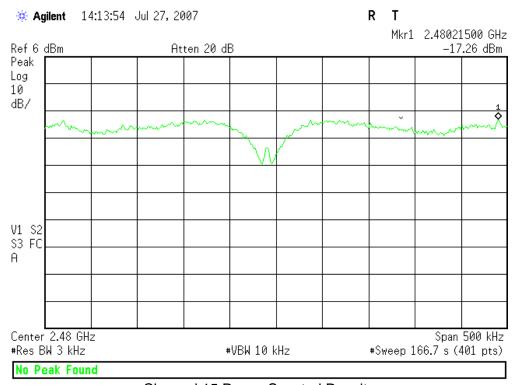
PLOTS



Channel 0 Power Spectral Density



Channel 7 Power Spectral Density



Channel 15 Power Spectral Density

AC Line Conducted Emissions LIMITS

Frequency of	Quasi-peak limit	Average limit
emission (MHz)	(dBµV)	(dBµV)
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

^{*}Decreases with the logarithm of the frequency.

[47 CFR 15.207(a)]

MEASUREMENTS / RESULTS

AC line conducted emissions test was performed on the AC side of the InterSense Base unit.

AC Mains	Conduct	ted Emi	ssions	5						C	urtis-Stra	us LLC
Date:	Date: 30-Aug-07 Company: Intersense Work Order: h										H0825	
Engineer:	David Harris		E	EUT Desc: Receiver Test Site: EM								
Notes: Testing AC Side of base unit.												
Measurement D		Red LISN										
Range:	0.15-30MHz								Spectr	um Analyzer:	White	
					Impedance	-	-	FCC P	art 15.207	FCC P	art 15.207	
	Q.P. Rea	adings	Ave. Re	eadings	Factor							Overall
Frequency	QP1	QP2	AV1	AV2		Limit	Margin	qp Limit	qp Margin	AVE Limit	AVE Margin	Result
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dBµV)	(dB)	(dBµV)	dB	(dBµV)	dB	(dBµV)	dB	(Pass/Fail)
0.16	38.0	37.5	31.0	32.2	20.3			65.3	-7.0	55.3	-2.8	Pass
1.50	9.8	7.8	7.0	5.9	20.1			56.0	-26.1	46.0	-18.9	Pass
22.66	5.2	8.0	1.4	2.5	20.5			60.0	-31.5	50.0	-27.0	Pass
22.98	5.3	9.2	1.2	4.5	20.5			60.0	-30.3	50.0	-25.0	Pass
24.27	3.4	11.4	0.9	6.7	20.5			60.0	-28.1	50.0	-22.8	Pass
25.31	2.2	8.1	0.7	3.3	20.5			60.0	-31.4	50.0	-26.2	Pass
Tab	le Result:	Pass	by	-2.84	dB				Wo	orst Freq:	0.16	MHz

Voltage Variations

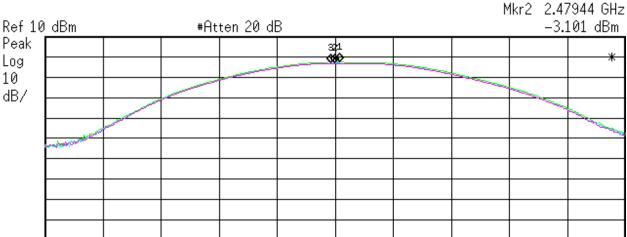
REQUIREMENT

Measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage. For battery powered equipment, the equipment tests shall be performed using a new battery. [15.31(e)]

MEASUREMENTS / RESULTS

Trace	Vdc	Frequency (MHz)	Amplitude (dBm)
1 (nominal)	9	2479.59	-2.588
2 (115% of nominal)	11.25	2479.44	-3.101
3 (85% of nominal)	7.65	2479.29	-3.160

★ Agilent 15:48:55 Aug 2, 2007 R T



 Center 2.479 GHz
 Span 20 MHz

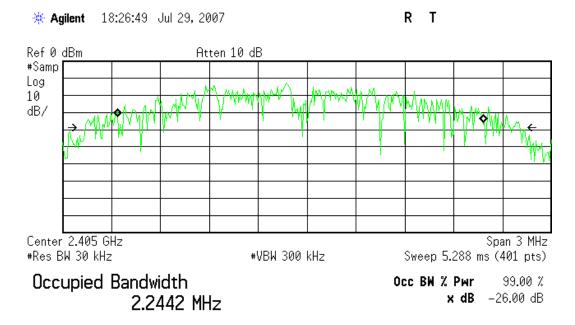
 #Res BW 5 MHz
 VBW 3 MHz
 Sweep 4 ms (401 pts)

Marker	Trace	Type	X Axis	Amplitude	
1	(1)	Freq	2.47959 GHz	-2.588 dBm	
2	(2)	Freq	2.47944 GHz	-3.101 dBm	
3	(3)	Freq	2.47929 GHz	-3.16 dBm	

Occupied Bandwidth

REQUIREMENT

When an occupied bandwidth is no specified in the applicable RSS, the transmitted signal bandwidth to be reported is to be its 99% emission bandwidth, as calculated or measured. [RSS-GEN 4.6.1]



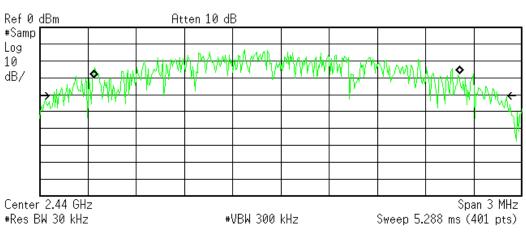
Transmit Freq Error -38.358 kHz x dB Bandwidth 2.669 MHz*

C:temp.gif file saved

99% Occupied Bandwidth Channel 0

* Agilent 18:27:58 Jul 29, 2007

R T

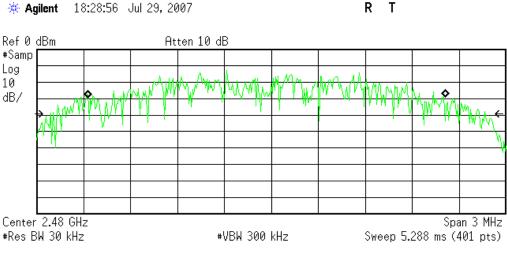


Occupied Bandwidth 2.2707 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB

Transmit Freq Error -26.914 kHz x dB Bandwidth 2.748 MHz*

C:temp.gif file saved

99% Occupied Bandwidth Channel 7



Occupied Bandwidth 2.2795 MHz

Occ BW % Pwr 99.00 % x dB -26.00 dB

Transmit Freq Error −29.227 kHz x dB Bandwidth −2.790 MHz*

C:temp.gif file saved

99% Occupied Bandwidth Channel 15

Test Equipment Used

MIXER / HORN

MIXER / HORN

DIPLEXER

90-140 GHz

140-220 GHz

40-220 GHz

							R	EV. 30-JUL	-2007	
SPECTRUM ANALY RECEIVERS		RANGE	MN	I MF	₹	SN	ASSET	CA ⁻	Γ	CALIBRATION DUE
RED		9kHz-1.8GHz	8591			141A03559		I		08-JAN-2008
WHITE		9kHz-22GHz	8593			547U01252	00022	I		06-OCT-2007
BLUE		9kHz-1.8GHz	8591			223A00227		I		18-DEC-2007
YELLOW		9kHz-2.9GHz	8594		nt 3	523A01958	00100	- 1		08-JUN-2008
GREEN		9kHz-26.5GHz	8593	BE Agile	nt 38	329A03618	00143	- 1		Out of Cal
BLACK		9kHz-12.8GHz	8596			710A00944	00337	- 1		Out of Cal
TELECOM 358	5A	20Hz-40.0MHz	3585	SA Agile	nt 2	504A05219	00030	I		15-FEB-2008
TELECOM 358	5A	20Hz-40.0MHz	3585			750A03418	00558	- 1		Out of Service
TELECOM 358	5A	20Hz-40.0MHz				750A02762		- 1		Out of Service
ORANGE		9kHz-26.5GHz	E440			S39440975		ı		Out of Service
GOLD		100Hz-26.5 GHz	E440			Y45113816		i		25-JUL-2008
REFERENCE EMI TEST	RECEIVER	20-1000MHz	ESVS			27957/001	01098	i		To be determined
RENTAL SA #1 (Br		9kHz-26.5GHz	E440			344210511		i		01-FEB-2008
RENTAL SA #	,	100Hz-26.5 GHz	E740			Y44212795		i		28-DEC-2007
RENTAL SA #		9kHz-1.8GHz	8591E							25-JUL-2008
						536A00617		!		
RENTAL SA #	4	100Hz-3 GHz	E740	2A Agile	nt ivi	Y45103221	Rental	ı		23-JUL-2008
LISNS/MEASUREM	ENT									
PROBES		RANGE		MN	MFF	! 	SN	ASSET	Сат	CALIBRATION DUE
RED		9kHz-50MHz	8012-50-	-R-24-BNC	SOLA	R 95	56348	00753	I	06-JUN-2008
BLUE (DC)		50kHz-50MHz	8012-50-	-R-24-BNC	SOLA	R 95	6349	00752	- 1	06-JUN-2008
YELLOW-BLACK		9kHz-50MHz		-R-24-BNC	SOLA		11657	00248	- 1	24-MAY-2008
ORANGE		9kHz-30MHz		-R-24-BNC	SOLA		3707	00754	- 1	07-MAY-2008
GOLD (DC)		9kHz-50MHz		-R-24-BNC	SOLA		34734	00247	i	13-JUN-2008
Brown		50kHz-50MHz		-R-24-BNC	SOLA		11656	00986	i	12-JUN-2008
GREEN		9kHz-50MHz		-R-24-BNC	SOLA		34735	00987	- ;	12-JUN-2008
YELLOW		9kHz-50MHz		-R-24-BNC	SOLA		11658	1080	!	06-JUN-2008
WHITE-BLACK		10kHz-30MHz		-TS-100-N	SOLA		72019	00678	!	17-MAY-2008
BLACK		10kHz-30MHz		-TS-100-N	SOLA		72017	00675	Į.	18-MAY-2008
RED-BLACK		10kHz-30MHz		-TS-100-N	SOLA		72016	00677	ı	18-MAY-2008
Blue-Black		10kHz-30MHz	8610-50	-TS-100-N	SOLA		72018	00676	I	17-MAY-2008
Blue Monitoring Pi	ROBE	0.01-150MHz	915	550-2	TEGA	м 1	2350	00807	I	31-MAY-2009
YELLOW MONITORING	Probe	0.01-150MHz	915	550-2	ETS	5 5	0972	00493	- 1	23-JAN-2008
GREEN CURRENT TRANSF	ORMER	40Hz-20MHz	1	150	PEARS		0226	00793	1	19-APR-2009
BLUE CISPR LINE PR	ROBE	10kHz-50MHz		N/A	C-S		N/A	00805	II	08-JUN-2009
BLACK CISPR LINE PI		10kHz-50MHz		N/A	C-S		N/A	1254	ii	08-JUN-2009
CISPR TELCO VOLTAGE		10kHz-30MHz		√C-10	C-S		S01	00296	ii	17-NOV-2007
CISPR 22 TELCO I		9kHz-30MHz		LISN-T4	FISCH		0115	00230	ı" İ	15-NOV-2007
OIOI IV ZZ TELOOT	011	ON IZ COM IZ	1001	LIGIT 14	1 10011	LIK Z	0110	00140		10 110 1 2007
OPEN AREA TEST	T SITES (O	ATS)	FCC Cc	DDE	IC Co	DE \	/CCI CODE	Сат		CALIBRATION DUE
SITE			9344	8	IC 2762	A-1	R-1688	II		23-JUN-2008
SITE			9344		IC 2762		R-905	II		23-JUN-2008
SITE			9344		IC 276		R-903	II		20-JUN-2008
SITE			9344		IC 276		R-904	ii		19-JUN-2008
SITE			9344		IC 2762		R-2377	ii		12-APR-2008
CONDUCTED TEST SI		S/TELCO)	FCC Co		IC Co		VCCI COD		Сат	CALIBRATION DUE
EM			9344		N/A		C-1801, T-2		Ш	NA
EM	II 2		9344	8	N/A		C-1802, T-2	69	Ш	NA
EM	13		9344	8	N/A		C-1803, T-2	70	Ш	NA
MIXERS/DIPLEXERS	DANCE	MN		MFR		SN	,	ASSET	Сат	CALIBRATION DUE
MIXERS/DIPLEXERS MIXER / HORN	26.5-40 GH		-442-6	HP/ATM	23324	.01695/A046		1087	I	CALIBRATION DUE 23-AUG-2007
MIXER / HORN	26.5-40 GH		_	HP/ATM		.07825/A046		1086	i	19-SEP-2007
MIXER / HORN	40-60 GHz		_	OML	5000F	U30110-1		0821	i	29-JUN-2009
MIXER / HORN	33-50 GHz			HP		3003A03155)062 i)0104	1	08-NOV-2007
					050					
MIXER / HORN	50-75 GHz			HP/QuinStar	252	A01197/879		1179	!	15-NOV-2007
MIXER	75-110 GH			HP		2521A01334		0105	!	22-NOV-2007
MIXER / HORN	60-90 GHz			OML		E30110-1		00822	!	29-JUN-2009
MIVED / HODAI	On 1/0 CU	~ N/CYOU\/	1111	OM		E21206 1		1/10/1/1		000 m/M 2000

00811

00812

00813

MO8HW/A

MO5HW/A

DPL.26

OML

OML

OML

F21206-1

G21206-1

N/A

29-JUN-2009

29-JUN-2009

29-JUN-2009

Absorbing Clamps	RANGE	MN		MFR	SN	Asse	T (CAT	CALIBRATION DUI
FISCHER CLAMP	30-1000MHz	F-201-23	MM F	FISCHER	10	0008	1	I	20-JAN-2008
HARMONIC & FLICKER AI	VALYZER	MN	MFR	S	iN .	As	SSET	Сат	CALIBRATION DUI
HFTS		P6842A	HP		-00169		738	II	OUT OF CAL
10001I/2 AC POWER SY			DRNIA INSTRUMENT				376	ii	09-JAN-2008
PREAMPS / ATTENUATORS / FILTERS	RANGE		MN	MFR	S	SN	ASSET	Сат	CALIBRATION D
RED	0.009-2000M	IHz 7FI -	·1000-LN	C-S	N	/A	00798	II	20-APR-2008
BLUE	0.009-2000M		-1000 LN	C-S		/A	00759	ii	17-APR-2008
BLUE-BLACK	0.009-2000M		·1000-LN	C-S		/A	00800	ii	18-JAN-2008
GREEN	0.009-2000M		·1000-LN	C-S		/A	00802	ii	02-MAY-200
BLACK	0.009-2000M		·1000-LN	C-S		/A	00799	ii	19-JUL-2008
ORANGE	0.009-2000M		-1000-LN	C-S		/A	00765	ii	02-MAY-200
RED-WHITE	0.009-2000M		-1000-LN	C-S		/A	1258	ii	08-MAY-200
WHITE	1-20GHz		1C-12A	C-S		643	00760	ii	09-JUL-2008
BROWN	1-20GHz		3-4R5-17-15-SFF	C-S		1655	1132	ii	02-APR-200
YELLOW-BLACK	1-20GHz		1C-12A	C-S		5055	00801	ii	OUT OF SERVI
RED-GREEN	1-20GHz		3-4R5-17-15-SFF	C-S		/A	1256	'' 	14-AUG-200
RED-GREEN RED-BLUE	1-20GHz		8-4R5-17-15-SFF	C-S		7A 3177	1256	" 	19-APR-200
HF (YELLOW)	18-26.5GH		02650-60-8P-4	C-S		7559	1266	"	23-AUG-200
HIGH PASS FILTER	1-18 GHz		-F-55204	K&L		359	00817	i	05-JAN-200
LOW PASS FILTER	1-16 GHz 1-9 GHz		-F-55204 100/X4400-O/O	K&L		4	00817	!! !!	05-JAN-2008
HIGH PASS FILTER	2.3-5.5 GH		HP-19	MINI-CIRCUITS		4 IA	1287	"	05-JAN-2008
HIGH PASS FILTER	2.3-5.5 GH 1.9-2.7 GH		HP-19	MINI-CIRCUITS MINI-CIRCUITS		IA IA	1287	II	05-JAN-2008
HF 20DB 50W ATTENUATOR	0.03-20 GH		7019-20				00791		08-MAY-200
				PASTERNACK)1)2		II II	
HF 30dB 50W ATTENUATOR 40dB 100W ATTENUATOR	0.03-20 GH 0.09-4000MI		7019-30	PASTERNACK		1900638	1168 1231	II.	08-MAY-200
RFI-Low 130 KHz LPF	10-100kHz P		0N100W+ ĸHz LPF	MINI-CIRCUITS KIWA		1A	1235	 	08-NOV-200 12-MAR-200
ANTENNAS	RANGE	MN	MFR	SN	ASSET	Сат		CALIBR	ATION DUE
GREEN BILOG	30-2000MHz	CBL6112B	CHASE	2742	00620	II			AN-2008
GREEN-BLACK BILOG	30-2000MHz	CBL6112B	CHASE	2412	00020	ii			AN-2008
GREEN-RED BILOG	30-2000MHz	CBL6112B	CHASE	2435	00127	ï			PR-2008
BLUE BILOG	30-1000MHz	3143	EMCO	1271	00803	ii			AY-2009
GRAY BILOG	20-2000MHz	3141	EMCO	9703-1038	00066	ii	07 MAV		A 1-2009) / 04-FEB-2008(RF
YELLOW-BLACK BILOG	20-2000MHz	CBL6140A	CHASE	1112	00000	ii			II) /20-APR-2008(RI
RED-WHITE BILOG	30-2000MHz	JB1	SUNOL	A091604-1	01105	- 11	U7-IVIAT	`	0V-2008
RED-WHITE BILOG	30-2000MHz	JB1	SUNOL	A091604-1	01105	-			CT-2008
RED-BROWN BILOG	30-2000MHz	JB1	SUNOL	A0032406	1218	-			JG-2008
NED-DROWN DILUG	30-2000WII IZ		SUNUL				04 1441/	-	I) / 14-JUN-2008 (R
VELLOW HORN	1.19047	2115	EMCO	0600 4000	00027				i)/ 14-3011-2006 (IN
YELLOW HORN	1-18GHz	3115 3115	EMCO	9608-4898	00037	!		,) / 16 MAV 2009 (P
BLACK HORN	1-18GHz	3115	EMCO	9703-5148	00056	 	22-JUN-2	2009(EMI	
BLACK HORN ORANGE HORN	1-18GHz 1-18GHz	3115 3115	EMCO EMCO	9703-5148 0004-6123	00056 00390	 	22-JUN-2	2009(EMI 2009 (EMI) / 16-MAY-2008 (R
BLACK HORN ORANGE HORN HF (WHITE) HORN	1-18GHz 1-18GHz 18-26.5GHz	3115 3115 801-WLM	EMCO EMCO Waveline	9703-5148 0004-6123 00758	00056 00390 00758	 	22-JUN-2	2009(EMI 2009 (EMI 26-AI) / 16-MAY-2008 (R JG-2007
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP	1-18GHz 1-18GHz 18-26.5GHz 10kHz-30MHz	3115 3115 801-WLM PLA-130/A	EMCO EMCO WAVELINE ARA	9703-5148 0004-6123 00758 1024	00056 00390 00758 00755	1	22-JUN-2	2009(EMI 2009 (EMI 26-AI 22-FI) / 16-MAY-2008 (F JG-2007 EB-2008
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP LARGE LOOP	1-18GHz 1-18GHz 18-26.5GHz 10кHz-30MHz 20Hz-5MHz	3115 3115 801-WLM PLA-130/A 6511	EMCO EMCO WAVELINE ARA EMCO	9703-5148 0004-6123 00758 1024 9704-1154	00056 00390 00758 00755 00067	 	22-JUN-2	2009(EMI 2009 (EMI 26-AI 22-FI 23-J/) / 16-MAY-2008 (R JG-2007 EB-2008 AN-2008
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP LARGE LOOP ACTIVE MONOPOLE	1-18GHz 1-18GHz 18-26.5GHz 10KHZ-30MHZ 20HZ-5MHZ 30HZ-30MHZ	3115 3115 801-WLM PLA-130/A 6511 3301B	EMCO EMCO WAVELINE ARA EMCO EMCO	9703-5148 0004-6123 00758 1024 9704-1154 3824	00056 00390 00758 00755 00067 00068	 	22-JUN-2	2009(EMI 2009 (EMI 26-AI 22-FI 23-J/ 14-JI) / 16-MAY-2008 (R JG-2007 EB-2008 AN-2008 JN-2008
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP LARGE LOOP ACTIVE MONOPOLE INDUCTION COIL	1-18GHz 1-18GHz 18-26.5GHz 10KHZ-30MHZ 20HZ-5MHZ 30HZ-30MHZ 50-60HZ	3115 3115 801-WLM PLA-130/A 6511 3301B 1000-4-8	EMCO EMCO WAVELINE ARA EMCO EMCO C-S	9703-5148 0004-6123 00758 1024 9704-1154 3824 N/A	00056 00390 00758 00755 00067 00068 00778	 	22-JUN-2	2009(EMI 2009 (EMI 26-AI 22-FI 23-J/ 14-JI 26-S) / 16-MAY-2008 (R JG-2007 EB-2008 AN-2008 JN-2008 EP-2007
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP LARGE LOOP ACTIVE MONOPOLE INDUCTION COIL ADJUSTABLE DIPOLE	1-18GHz 1-18GHz 18-26.5GHz 10кHz-30MHz 20Hz-5MHz 30Hz-30MHz 50-60Hz 30-1000MHz	3115 3115 801-WLM PLA-130/A 6511 3301B 1000-4-8 3121C	EMCO EMCO WAVELINE ARA EMCO EMCO C-S EMCO	9703-5148 0004-6123 00758 1024 9704-1154 3824 N/A 1370	00056 00390 00758 00755 00067 00068 00778 00757	 	22-JUN-2	2009(EMI 26-AI 22-FI 23-J/ 14-JI 26-S 26-O) / 16-MAY-2008 (R JG-2007 EB-2008 AN-2008 JN-2008 EP-2007 CT-2008
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP LARGE LOOP ACTIVE MONOPOLE INDUCTION COIL ADJUSTABLE DIPOLE ADJUSTABLE DIPOLE	1-18GHz 1-18GHz 18-26.5GHz 10кHz-30MHz 20Hz-5MHz 30Hz-30MHz 50-60Hz 30-1000MHz 30-1000MHz	3115 3115 801-WLM PLA-130/A 6511 3301B 1000-4-8 3121C 3121C	EMCO EMCO WAVELINE ARA EMCO EMCO C-S EMCO EMCO	9703-5148 0004-6123 00758 1024 9704-1154 3824 N/A 1370 1371	00056 00390 00758 00755 00067 00068 00778 00757	 	22-JUN-2	2009(EMI 26-AI 26-AI 22-FI 23-J/ 14-JI 26-S 26-O 09-N) / 16-MAY-2008 (R JG-2007 EB-2008 AN-2008 JN-2008 EP-2007 CT-2008 OV-2008
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP LARGE LOOP ACTIVE MONOPOLE INDUCTION COIL ADJUSTABLE DIPOLE ADJUSTABLE DIPOLE RE101 LOOP SENSOR	1-18GHz 1-18GHz 18-26.5GHz 10кHz-30MHz 20Hz-5MHz 30Hz-30MHz 50-60Hz 30-1000MHz 30-1000MHz 30Hz-100кHz	3115 3115 801-WLM PLA-130/A 6511 3301B 1000-4-8 3121C 3121C RE101-13.3cm	EMCO EMCO WAVELINE ARA EMCO EMCO C-S EMCO EMCO C-S	9703-5148 0004-6123 00758 1024 9704-1154 3824 N/A 1370 1371 N/A	00056 00390 00758 00755 00067 00068 00778 00757 00756 00818	 	22-JUN-2	2009 (EMI 2009 (EMI 26-AI 22-FI 23-J/ 14-JI 26-S 26-O 09-Ni 22-M) / 16-MAY-2008 (R JG-2007 EB-2008 AN-2008 JN-2008 EP-2007 CT-2008 OV-2008 AR-2009
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP LARGE LOOP ACTIVE MONOPOLE INDUCTION COIL ADJUSTABLE DIPOLE ADJUSTABLE DIPOLE	1-18GHz 1-18GHz 18-26.5GHz 10кHz-30MHz 20Hz-5MHz 30Hz-30MHz 50-60Hz 30-1000MHz 30-1000MHz	3115 3115 801-WLM PLA-130/A 6511 3301B 1000-4-8 3121C 3121C	EMCO EMCO WAVELINE ARA EMCO EMCO C-S EMCO EMCO	9703-5148 0004-6123 00758 1024 9704-1154 3824 N/A 1370 1371	00056 00390 00758 00755 00067 00068 00778 00757	 	22-JUN-2	2009 (EMI 2009 (EMI 26-AI 22-FI 23-J/ 14-JI 26-S 26-O 09-Ni 22-M	EB-2008 AN-2008 JN-2008 EP-2007 CT-2008 OV-2008
BLACK HORN ORANGE HORN HF (WHITE) HORN SMALL LOOP LARGE LOOP ACTIVE MONOPOLE INDUCTION COIL ADJUSTABLE DIPOLE ADJUSTABLE DIPOLE RE101 LOOP SENSOR RS101 RADIATING LOOP	1-18GHz 1-18GHz 18-26.5GHz 10kHz-30MHz 20Hz-5MHz 30Hz-30MHz 50-60Hz 30-1000MHz 30-1000MHz 30Hz-100kHz 30Hz-100kHz	3115 3115 801-WLM PLA-130/A 6511 3301B 1000-4-8 3121C 3121C RE101-13.3cm RS101-12cm	EMCO EMCO WAVELINE ARA EMCO EMCO C-S EMCO EMCO C-S C-S C-S	9703-5148 0004-6123 00758 1024 9704-1154 3824 N/A 1370 1371 N/A N/A	00056 00390 00758 00755 00067 00068 00778 00757 00756 00818 00819	 	22-JUN-2	2009 (EMI 2009 (EMI 26-AI 22-FI 23-J/ 14-JI 26-S 26-O 09-Ni 22-M) / 16-MAY-2008 (R JG-2007 EB-2008 AN-2008 JN-2008 EP-2007 CT-2008 OV-2008 AR-2009 AR-2009

C-S

TESEQ

SCHAFFNER

KEYTEK

01

34525

200122-074SC

0608208

00794

1268

00623

RENTAL

Ш

1

Ш

N/A

MODULA6150

711-1100

EMCPRO Plus

VERIFICATION ATTENUATORS

EFT DIRECT COUPLING CAP

MODULA6150

RED BESTEMC-2

EMC PRO PLUS

19-JUL-2008

11-JUL-2008

13-APR-2008

17-MAY-2008

ESD GENE			MN			MFR		SN		SSET	Сат	CALIBRATION DUE
GREE			NSG435			HAFFNER		00839		0763	Į.	25-OCT-2007
RED			NSG435			HAFFNER	C	01625		0762	!	06-FEB-2008
YELLO	VV		930D			ETS		201	- 0	0673	ı ı	18-AUG-2007
DIPS AND	D INTERRUPT	s	M	N	M	FR		SN		ASSET	Сат	CALIBRATION DUE
Mor	DULA6150		Modul	A6150	TES	SEQ		34525		1268	I	11-JUL-2008
INA 6502 AUTOMA	ATIC STEPTRANS	FORMER	INA 6		TES			105		1269	- 1	11-JUL-2008
10001I/2 AC	POWER SYST	EM	(2) 5	001	CALIF INSTRU		HK536	87/HK536	88	00376	II	21-JUN-2008
RED B	BESTEMC-2		711-1	100	SCHAI	FFNER	2001	22-074SC		00623	II	17-APR-2008
CHAMBERS AND	STRIPLINE		MN			MFR		SN	Ass	SET CA	т С	ALIBRATION DUE
RFI 1 CHA		3 M	ETER COM	PACT	F	PANASHIEL	.D	N/A	007			20-APR-2008
RFI 2 CHA	MBER	04' x 07	7' SHIELDING	SYSTEM		LINDGREN	1	13329	007	95 II		04-FEB-2008
RFI 3 STR			N/A			C-S		N/A	007			NA
ENVIRONMENT			ECL5	_		B-M-A INC		2041	000			03-JAN-2008
ENVIRONMENT	AL (SAFETY)		SGTH-31	S	l	B-M-A Inc). 	2245	003	21 I		03-JAN-2008
AMPLIFIERS	RANGE		1N	MFR		SN	Asset	Сат				ATION DUE
RED	0.5-1000MHz		1000B	AR		18708	00032	II 				2008 (RFI1)
GREEN	0.5-1000MHz		1000B	AR		23423	00123	II 	00.1			2008 (RFI2)
BLUE BLACK	0.01-250MHz 0.01-250MHz		\250 \250	AR AR		19165 23411	00039 00122	II II		,	,	/ 19-JUN-2008 (NEBS CRFI) JN-08 (NEBS) / 20-APR-08 (RFI1)
ORANGE	0.01-250MHz		A250 A250	AR		26827	00122	II	29-L	,	,	RFI)/ 29-JUN-2008 (EU)
BROWN 150W	0.1-250MHz		A250	AR		13454	1255	ii		,		2008 (RFI2)
GTC 1-2.6	1.0-2.6 GHz		5016A	GTC		1221	RENTAL	II	14-			ANGE HORN) / 28-JUN-2008 (BLK)
HUGHES 10W	2.0-4.0GHz	117	7H01	Hughes		055	RENTAL	II	14-	JUN-2008 (YELI	LOW HORN	i) /16-MAY-2008 (BLK & ORANGE)
HUGHES 10W	4.0-8.0GHz		H02F	Hughes		240	RENTAL	II				I) /16-MAY-2008 (BLK & ORANGE)
HUGHES 10W	8-10.0GHz		108	HUGHES		138	RENTAL	II	14-	,		i) /17-MAY-2008 (BLK & ORANGE)
HP495A	7.0-10.0GHz		495A	HP		4-00237	00086	II 		Ou-		RVICE (SPARE)
AUDIO AMP	AUDIO FREQ			RADIO SHAC		00438	NONE	III				NA
AUDIO AMP	AUDIO FREQ	MPA	A-200	RADIO SHAC	K /	08545	00862	III				NA
FIELD F			RANGE		ΛN	MF		SN		ASSET	C/	
Re			1-1000MHz		4422	HOLA		90369		00031	. !	23-MAR-2008
GRE			1-1000MHz		4422	HOLA		97363		00136	. !	25-JUL-2007
BL			1-1000MHz	FI.	4422 7006	HOLA		95696		01100		18-APR-2008
Reference Las		-	1-6000MHz	Star	Probe	Al		321700		1252	I	23-FEB-2008
MICROWAVE S	URVEY WEIER	. 4	2450MHz		1501	HOLA	DAY	0007546	4	1244		09-JAN-2008
SIGNAL GENE	RATORS	Rand		MN		MFR		SN		ASSET	С	AT CALIBRATION DUE
RED		0.09-200		HP8648E		Agiler		3847U0				I 03-APR-2008
BLUE		0.1-1000		HP8648/		Agiler		3426A00				I 23-AUG-2007
GREEN		0.09-200		HP8648E		Agiler		3623A0				I 16-OCT-2007
Orang Browi		0.1-1000 0.01Hz-1		HP8648E HP33120.		Agiler Agiler		3537A0° US3601				I 19-JUN-2008 I OUT OF SERVICE
WHITE		0.01Hz-1		HP33120		Agiler		US3604				I 17-MAY-2008
Brown-W		0.01Hz-1		HP33120		Agiler		SG4001				I 10-NOV-2007
BLUE-WH		0.1Hz-13		HP3312		Agiler		1432A0				I 21-MAR-2008
SWEEPE		0.01-20.0		HP83752		Agiler		3610A0			1	II 08-MAY-2008
AM/FM STEREO		0.1-170		LG3236		LEADE		36873		00959		I To be determined
IMPULSE GENE	ERATOR	1-100	Hz	CIG-25	EL	ECTRO-M	ETRICS	290		00942		To be determined
BULK INJECTION	ON C LAMPS	RAN	NGE	MN	MFR	SN	ASSET	Сат			CALIBR	ATION DUE
GREEN (NE		0.01-3		95236-1	ETS	50215	00118	II	19-J	UN-2008(BLUE)		2008(BLK) 29-JUN-2008(ORANGE)
GREEN (EL		0.15-8		95236-1	ETS	50215	00118			, ,		-2007(BLK) 28-JUN-2008(ORANGE)
RED (NÈB		0.01-3		95236-1	ETS	34026	1020	II				2008(BLK) 29-JUN-2008(ORANGE)
RED (EU	,	0.15-8		95236-1	ETS	34026	1020	II	04-N			2008(BLK) 28-JUN-2008(ORANGE)
BLUE (RTCA/	,	2-450		9142-1N	SOLAR	063824	1237	II		С		E BEFORE USE
RENTAL (RTC)	A/DO-160E)	2–450	JIVIHZ 9	9142-1N	SOLAR	008508	RENTAL	. II			10-A	UG-2007
ANSI	T1.315			MFR		A	SSET	CA	Т		CALI	BRATION DUE
	ISE CART			C-S		1	285	III		CA	ALIBRATI	ION NOT REQUIRED
SBC TRAN	SIENT CART			C-S		1	286	III		Wave	SHAPE	VERIFIED BEFORE USE



Oscillosco	OPES	MN		MFR	₹	SN	ASSET	Сат	CALIBRATION DUE
EMC 100M	lHz	TDS 22	0	TEKTRO	NIX	C036986	1166	I	25-APR-2008
ESD REFERENC	E 1GHz	TDS 684	В	TEKTRO	NIX	B011287	RENTAL	I	03-APR-2008
400MHz e*So	COPE	TDS 304	4B	TEKTRO	NIX	C010074	1275	- 1	19-JUL-2008
PRODUCT SAFETY	100 MHz	TDS 34	0	TEKTRO	XINC	B012357	00737	I	03-OCT-2007
TELECOM 100		54645 <i>A</i>	١	HP/AGII	LENT	US36320452	00103	I	OUT OF SERVICE
REFERENCE 500MHz	z 10x Probe	P6139/	١	TEKTRO	XINC	NA	1280	I	19-JUL-2008
REFERENCE 500MHz	z 10x Probe	P6139/	١	TEKTRO	XINC	NA	1281	I	19-JUL-2008
500MHz 10x F		P6139/		TEKTRO		NA	1282	I	19-JUL-2008
500MHz 10x F		P6139A		TEKTRO		NA	1283	I	19-JUL-2008
REFERENCE HV 10		P6015/		TEKTRO		B056555	1277	I	20-JUL-2008
REFERENCE HV 10	00x Probe	P6015/	١	TEKTRO	ONIX	B056590	1278	<u> </u>	20-JUL-2008
CDN NETWORKS	RANGE	MN	MFR	ASSE			CALIBRAT		
BLUE	0.10-100MHz	20A M-		00800					28-JUN-2008 (ORANGE)
RED	0.10-100MHz	15A M-3		00780					28-JUN-2008 (ORANGE)
YELLOW-BLACK	0.10-100MHz	15A M-3		00784					28-JUN-2008 (ORANGE)
GREEN	0.10-100MHz	30A M-3		00779		•			28-JUN-2008 (ORANGE)
YELLOW	0.10-100MHz	30A M-		00804			007(BLUE AMP)		` ,
BROWN	0.10-100MHz	M-3	C-S	1169					28-JUN-2008 (ORANGE)
BROWN-WHITE	0.10-100MHz	M-3	C-S C-S	1170					28-JUN-2008 (ORANGE) 28-JUN-2008 (ORANGE)
BROWN-BLACK	0.10-100MHz	M-2 (DC	,	1171		`	,	٠,	28-JUN-2008 (ORANGE)
RED-BLACK GREEN-WHITE	0.10-100MHz 0.10-100MHz	M-2 (DC	,	1177 1259		,	,	٠,	28-JUN-2008 (ORANGE)
		M-2 (DC 100Ω	,			,	,	, ,	, ,
YELLOW (RES)	0.10-100MHz	RESISTOI 100Ω		00810		,	,	, ,	28-JUN-2008 (ORANGE)
GREEN (RES)	0.10-100MHz	RESISTO		1172		03-NOV-2007(BLUE	,	, ,	28-JUN-2008 (ORANGE)
ARTIFICIAL HAND	510Ω / 220pF	CS-AH	C-S	1262			04-JUN		
ARTIFICIAL HAND	510Ω / 220PF	CS-AH	C-S	1263	ll II		04-JUN	1-2008	
DMC Vol TMETER	o/Cuppent Cu		MANI	N 4	NED	SN	Acort	CAT	CALIDDATION DUE
RMS VOLTMETER	MULTIMETER	AMP	79III		NFR .UKE	71700298	ASSET 00769	CAT I	CALIBRATION DUE 27-OCT-2007
	MULTIMETER		179		.UKE .UKE	89280616	1228	iii	Not Cal'd to 17025
TRUE-RMS MULTIN		>E)	179		.UKE .UKE	83390024	00973	iii	22-MAR-2008
	MULTIMETER	JE)	177		.UKE	83390024	00973	i	22-MAR-2008
	TIMETER (TELECOM)		177		.UKE	83430419	00975	i	22-MAR-2008
	RENT PROBE	,	A622		RONIX	08DD 6275Dv	1246	i	31-JAN-2008
710720001			7.022			0022 02.02.			0.0/2000
Surge G	ENERATORS		MN		MFR	SN	ASSET	Сат	CALIBRATION DUE
	VEFORM MONITOR	₹	TWM-	5	CDI	003982	00323	II	05-JUN-2008
	RGE GENERATOR		M5	•	CDI	003966	00324	ii	CAL BEFORE USE
	COUPLING NWK		3CN		CDI	003455	00325	ii	CAL BEFORE USE
	LUGIN MODULE	1	.2x50uS F	LUGIN	CDI	N/A	00842	ii	CAL BEFORE USE
	LUGIN MODULE		0x160uS F		C-S	N/A	00843	ii	CAL BEFORE USE
10x560uS P	LUGIN MODULE		0x560uS F		C-S	N/A	00841	II	CAL BEFORE USE
	ROLLER MODULE		PSURGE		HAEFEL		00879	Ш	05-JUN-2008
	OUPLING MODULE		PCD 90		HAEFEL		00880	II	05-JUN-2008
IMPULSI	E MODULE		PIM 90	00	HAEFEL	Y 149202	00881	II	05-JUN-2008
HIGH VOLTAGE CA	P NWK 5KVDC, 18	8μF	CS-HV	CC	C-S	01	00772	II	09-APR-2008
	GENERATOR	,	N/A		C-S	N/A	88000	II	18-OCT-2007
2x10uS Sur	GE GENERATOR		2x10u	S	C-S	N/A	00846	II	CAL BEFORE USE
10x700uS Su	RGE GENERATOR		10x700	υS	C-S	N/A	00847	Ш	06-JUN-2008
12 PAIR SURGE I	RESISTOR MODUL		N/A		C-S	N/A	00768	Ш	18-OCT-2007
	500-M	Т	SS 500 M	12 S2	EMTES	T V0502100032	1155	II	CAL BEFORE USE
	500-M		TSS500 I		EMTES	T V0502100031	1156	II	CAL BEFORE USE
	RGE GENERATOR		NSG 20		TESEQ			I	11-JUL-2008
PNW 2050 1.2x50			PNW 20		TESEQ			ļ	11-JUL-2008
CDN 133 3 PHASE		ORK	CDN 1		TESEQ		1274	I	11-JUL-2008
	JLA6150		MODULA6		TESEQ		1268	<u> </u>	11-JUL-2008
	STEMC-2		711-11		SCHAFFN			II.	13-APR-2008
SURGE CURI	RENT MONITOR		CM-1-	L	ION PHYSIC	cs 896730	1276	II	26-Jul-2008
0,450,451,515		MANI	Mes			CNI	A co==	C+-	CALIDDATION DUT
72kW Power Fault		MN OV1	MFR C-S			SN N/A	ASSET 00792	CAT	CALIBRATION DUE N/A
POWER FAULT SIN		OV1 OV2	C-S C-S			N/A N/A	00792 00116		N/A N/A
FUWER PAULI SI	WIULATUK	0 7 2	U-3			IN/PA	01100	111	IN/A



Power/Noise Meters	MN	MFR	SN	ASSET	Сат	CALIBRATION DUE
Power Meter	435B	HP	2445A11012	00773		03-APR-2008
Power Meter	437B	HP	2912A01367	01099	I	03-APR-2008
Power Sensor	8481A	HP	2702A61351	00774	I	04-APR-2008
Power Meter	4232A	BOONTON	11000	1260	I	24-JUL-2008
Power Sensor	51013-4E	BOONTON	34457	1261	I	24-JUL-2008
PSOPHOMETER	2429	Bruel & Kjaer	1237642	00585	II	23-FEB-2009
TRANSMISSION LINE TESTER (DBRNC)	185T	AMREL	18507030010	1236	II	20-APR-2008
TRANSMISSION LINE TESTER (DBRNC)	185T	AMREL	998658	00823	Ш	03-JUL-2008
DIPOLE TAPE MEASURES	MN	MFR	SN	ASSET	Сат	CALIBRATION DUE
26FT TAPE #1	2338CME	LUFKIN	C3166-1	00776	II	22-MAR-2009
26FT TAPE #2	2338CME	LUFKIN	C3166-2	00777	II	22-MAR-2009
METEOROLOGICAL METERS	MN	MFR	SN	ASSET	Сат	CALIBRATION DUE
TEMP./HUMIDITY/ATM. PRESSURE GAUG	E 7400 PERCEPTION II	Davis	N/A	00965	II	09-FEB-2009
TEMPERATURE /HUMIDITY GAUGE	THG-912	Huger	4000562	00789	I	31-JAN-2009
WEATHER CLOCK (PRESSURE ONLY)	BA928	OREGON SCIENT	IFIC C3166-1	00831	I	08-FEB-2009
CONSUMABLES	SPEC.	MFR	STOCK/MN	ASSET	Сат	CALIBRATION DUE
NEBS CHEESECLOTH	26-28M/KG	ED&D	ACC-01	N/A	III	N/A
NEBS CARBON BLOCK 3-	MIL-GAP 1KV SURGE	RELIABLE	3AB	N/A	Ш	N/A

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

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

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

CURTIS-STRAUS¹ 527 Great Road Littleton, MA 01460 Barry Quinlan Phone: 978-486-8880

Valid until: September 30, 2007

Certificate Number: 1627.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Electromagnetic Compatibility (EMC), Telecommunications, and Product

Electromagnetic Compatibility (EMC)

Electromagnetic Compatibility (EMC)

Radiated emissions testing (electric and magnetic fields)*; Conducted emissions testing (voltage and current)*; Electrostatic Discharge testing*; Electrical Fast Transient testing*; Radiated Immunity testing*; Conducted Immunity testing*; Lightning Immunity testing*; Otlage Dips*, Interrupts and Voltage Variations testing*; Magnetic Immunity testing*; RF Power measurements*; Frequency Stability Measurements*; Longitudinal Induction measurements*; Harmonic emissions testing*; Light flicker testing*; Low frequency disturbance voltage testing*; Disturbance Power measurements*; Power Cross Overvoltage testing*;

Test Type	Test Method(s)
Emissions	
Radiated and Conducted Emissions	FCC 47 CFR Parts 15 & 18; C63.4; CISPR 22; EN55022; SABS CISPR 22; ASNZS CISPR 22; ASNZS 3548; Canada ICES- 003; CNS13438; KN 22 (RRL No. 2005-82; September 29, 2005); CISPR 11; EN 55011; SABS CISPR 11; ASNZS CISPR 11; ASNZS 2064; Canada ICES-001; CNS13803; CISPR 13; EN 55013; SABS CISPR 13; ASNZS CISPR 13; ASNZS 1053; CISPR 14-1; EN 55014-1; SABS CISPR 14; ASNZS CISPR 14; ASNZS 1044; CNS 13439; CISPR 15; EN 55015; GR-1089- CORE; CSA C108. 8-M1983;
Harmonics	EN 61000-3-2; AS/NZS 61000.3.2
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 facility located at 168 Ayer Rd, Littleton, MA 01460 and, for test types marked with an asterisk, at other sites as defined in "A2LA specific criteria for the accreditation of site testing and site calibration laboratories."

(A2LA Cert. No. 1627.01) 3/27/06 Page 1 of 10

Immunity	RRL No. 2005-130 (December 27, 2005)
Electrostatic Discharge (ESD)	EN 61000-4-2; AS/NZS 61000.4.2; KN61000-4-2
Radiated Immunity (RFI)	EN 61000-4-3, AS/NZS 61000.4.3; KN61000-4-3
Electrical Fast Transient Bursts (EFT)	EN 61000-4-4; AS/NZS 61000.4.4; KN61000-4-4
Surge	EN 61000-4-5, AS/NZS 61000.4.5; KN61000-4-5
Conducted Immunity	EN 61000-4-6, AS/NZS 61000.4.6; KN61000-4-6
Magnetic Immunity	EN 61000-4-8; AS/NZS 61000.4.8; KN61000-4-8
Voltage Dips and Interrupts	EN 61000-4-11; KN61000-4-11
Low Fraguency Conducted Dicturbances	EN 61000 2 2

Family Product or Industry Specific Specifications GR-1089-CORE; GR-78-CORE (ESD)

including emissions and/or immunity	GRY059-C-UR. (2RV-36-CMC 1317) GRY050-C-1; EN 50081-2; EN 50082-2; EN 50082-1; EN 61000-6-1; EN 61000-6-2; EN 61000-6-3; EN 61000-6-4; EN 50091-2; EN 55024; CISPR 24 EN 55103-1; EN 55103-2; EN 61326; EN 61547; EN 50130-4; EN 50081-2; EN 60601-2-32; EN 60601-2-38; EN 60601-2-34; EN 60001-2-32; EN 60601-2-38; EN 60601-2-34; EN 5000-3; EN 61800-3; EN 55020; CISPR 20; EN 60555 Part 2; EN 60555 Part 3; ETS 300 386-1; EN 300 386-2; EN 300 386, ETS 300 132-1; ETS 300 132-2; EN 6069-2-1; AS/NZS 3200.1.2; CNS 13783-1; ETR 283; C62-1; AS/NZS 3200.1.2; CNS 13783-1; ETR
Radiocommunications	
EU R&TTE Radio Standards;	EN 300 220-1; EN 300 220-3; EN 300 330-1; EN 300 330-2; EN 300 440-1; EN 300 440-2; EN 300 328; EN 300 385; EN 301 893
EU R&TTE EMC Standards	EN 300 339; EN 301 489-01; EN 301 489-03; EN 301 489-17
Canada Radio Standards	RSS-102; RSS-117; RSS-118; RSS-119; RSS-123; RSS-125; RSS-128; RSS-129; RSS-130; RSS-131; RSS-132; RSS-133; RSS-134; RSS-135; RSS-136; RSS-137; RSS-138; RSS-141; RSS-142; RSS-170; RSS-181; RSS-187; RSS-187; RSS-188; RSS-191; RSS-181; RSS-193; RSS-195; RSS-210; RSS-212; RSS-213; RSS-215; RSS-243; RSS-GEN; RSS-310; GL-36;
Australia/New Zealand Radio Standards	AS/NZS 4268; AS/NZS 4771; RFS29; Radiocommunications (Data Transmission Equipment Using Spread Spectrum Modulation Techniques); Radiocommunications (Spread Spectrum Devices); Radiocommunications (Short Range Devices); Radiocommunications (Low Interference Potential Devices);

(A2LA Cert. No. 1627.01) 3/27/06

Other Ra	dio Standards	RTTE 01 (DGT-Taiwan);	
ECC Stor	ndards and Test methods Support TO	D Status	
	pe A – Unlicensed Radio Frequency De		
A1	1. 47 CFR Parts 11, 15 and 18		
	2. FCC MP-5,		
	3. ANSI C63.4-2003,		
A2	1. 47 CFR Part 15,		
	ANSI C63.4-2003,		
A3	1. 47 CFR Part 15,		
	ANSI C63.17-1998,		
	3. ANSI C63.4-2003,		
A4	1. 47 CFR Part 15,		
	ANSI C63.4-2003,		
FCC Scop	oe B – Licensed Radio Service Equipme	nt	
B1	1. 47 CFR Parts 2, 22, 24, 25, a	nd 27	
	2. ANSI/TIA-603-C (2004)		
B2	1. 47 CFR Parts 2, 22, 74, 90, 9	5, and 97	
	2. ANSI/TIA-603-C (2004)		
B3	1. 47 CFR Parts 2, 80, and 87		
	2. ANSI/TIA-603-C (2004)		
B4	1. 47 CFR Parts 2, 21, 74, and	101	
	2. ANSI/TIA-603-C (2004)		

Country Specific Standards and Other	
ITU EMC Standards	K.20; K.21; K.41; K.44
Swedish EMC Standards	BAKOM 3336.3
South African EMC Standards other then CISPR equivalents	SABS 1718-1; SANS 21 I/SABS CISPR 11; SANS 224/SABS CISPR 24; SANS 213/SABS CISPR 13; SANS 2200; SANS214-I/SABS CISPR 14-1; SANS214-SZABS CISPR 14-2; SANS 215/SABS CISPR 15; SANS 215/SABS CISPR 22
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 1045
Singapore EMC Standards	IDA TS SRD; IDA TS EMC
Japanese VCCI Standards	VCCI V-3, VCCI V-4

Page 3 of 10 (A2LA Cert. No. 1627.01) 3/27/06

HKTA 2014

Telecommunications
Telecommunications Registration; General test methods; Lightning surge*; Drop testing*; Balance testing*; Signal power (metallic and longitudinal)*; Frequency measurements*; Pulse templates*; Leakage testing*; Impedance testing*; Hearing Aid Compatibility testing (excluding volume control)*; Protocol analysis* and Jitter

om	Standards	Ti

North American standards FCC 47 CFR Part 68 Telephone Connection of terminal equipment to the telephone 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.

Bulletin Part 68 Rationale and Measurement Guidelines Terminal Equipment CS-03 Issue 9 TIA/EIA TSB31-B 1998 (Feb 1998) TIA-968-A, A1, A2, A3 Telecommunications Telephone Terminal

Equipment Technical Requirements for Connection of Terminal Equipment to the Telephone Network Technical Requirements for SHDSL, HDSL2, HDSL4 Digital Subscriber Line Terminal Equipment T1.TRQ.6-2001 to Prevent Harm to the Telephone Network Industry AS/ACIF S002-2001

Analogue interworking and non-interference requirements for Customer Equipment for connection to the Public Switched Telephone Network Requirements for Customer Equipment for AS/ACIF S016-2001 Requirements for Customer Equipment for connection to hierarchical digital interfaces Requirements for ISDN Basic Access Interface Requirements for ISDN Primary Rate Access Interface Requirements for Customer Equipment for Connection to a Metallic Local Loop Interface of a AS/ACIE S031-2001 AS/ACIF S031-2001 AS/ACIF S038-2001 AS/ACIF S043-2001

Telecommunications Network -Part 1: General Part 2: Broadband

Part 3: DC, Low Frequency AC and Voice band International standards ITU-T G.703 Physical/electrical characteristics of hierarchical

Digital interfaces

Hong Kong standards HKTA 2011 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 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

(A2LA Cert. No. 1627.01) 3/27/06 Page 4 of 10

Telecom Standards			
	<u>Title</u>	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		telephony service) in which network addressing, if
HKTA 2030	circuits at data rate of 2048 kbit/s Network Connection Specification for Connection of		provided, is by means of Dual Tone Multi Frequency (DTMF) signaling
HKTA 2030	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public	TBR 24: 1997	(DTMF) signaling Business TeleCommunications (BTC); 34 Mbit/s
	Telecommunications Network (PTN) in Hong Kong using	121(2):1777	Digital Unstructured and structured leased lines
	Digital Leased Circuits at nx64 kbit/s		(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)	A
	Telecommunications Network (PTN) in Hong Kong using Digital Leased Circuits below 64 kbit/s	ADSL01	Asymmetric Digital Subscriber Line Terminal Equipment : POTS Splitter Technical Specifications
HKTA 2032	Network Connection Specification for Connection of	ID0002	DS1 Equipment Type Approval Guidelines
	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	N 7 1 1 1 1 1	Connection to Public Switched Telephone Network
HKTA 2033	Recommendation G.992.1 Network Connection Specification for Connection of	New Zealand standards PTC 200 (non-voice only)	Requirements for Connection of Customer Equipment to
	Customer Premises Equipment (CPE) to Fixed	1 To 200 (non voice only)	Analogue Lines
	Telecommunications Networks in Hong Kong using	PTC 217	Requirements for Bandwidth Management Devices
	Splitterless Asymmetric Digital Subscriber Lines (ADSL)	TNA 117	Telecom 2048 kbit/s Standard Network Interface
	based on ITU-T Recommendation G.992.2	PTC 270	Interim arrangements for ADSL CPE
European standards FBR 1: 1995	Attachment requirements for terminal equipment to	Singapore Standards	
IBK 1. 1995	Be connected to circuit switched data networks and	IDA TS ADSL	Type Approval Specification for Asymmetric Digital
	Leased circuits using a CCITT Recommendation	IDA 13 ADSE	Subscriber Line (Full-rate ADSL) Modems
	X.21 interface, or at an interface physically,	IDA TS ADSL 2	Type Approval Specification for Asymmetric Digital
	functionally and electrically compatible with CCITT	I TO A TOTAL COLOR	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 of hierarchical bit rates of 2048 kbit/s, 34 368 kbit/s and 139
ГВR 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 kbit/s
IDK 2. 199/	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		Basic Access
	rates up to 1 920 kbit/s utilizing interfaces derived	IDA TS ISDN 2	Type Approval Specification for connection of Terminal
EDD 2 1005 - A 2: 1005	from CCITT Recommendations X.21 and X.21 bit		Equipment to Integrated Services Digital Network (ISDN)
ΓBR 3: 1995 + Amdt : 1997	Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to	IDA TS PSTN (non-voice only)	Primary Rate Access (PRA) Type Approval Specification for connection of Terminal
	connect to an ISDN using ISDN basic access	IDA 13 P31N (non-voice only)	Equipment to Public Switched Telephone Network (PSTN
ΓBR 4: 1995 + Amdt : 1997	Integrated Services Digital Network (ISDN);	South Africa standards	Equipment to Fubile Switched Telephone Telephone (1511)
	Attachment requirements for terminal equipment to	TE-001 (non-voice only)	Standard for Telecommunication Line Terminal Equipmen
	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		
(A2LA Cert. No. 1627.01) 3/27/06	requirements for terminal equipment interface	(A2LA Cert No. 1627.01) 3/27/06	Page 6 of 10
Product Safety General test methods: Power input*, Permanence of marking*, Acce	requirements for terminal equipment interface Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard	(A2LA Cert. No. 1627.01) 3/27/06 Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5	Page 6 of 10 Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical
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 strengh*, Im-	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*, puble*, 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 AMZ – 1997 & AM 12 – 1997)	Title Classification, requirements and user's guide.
Product Safety General test methods: Power input*, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc	requirements for terminal equipment interface 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 BondEarthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*,	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	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: Ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition TIPs, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loci Torque*, Insulation resistance*, Sound level*, Transformer short/Soverloads*, Rain test*, We	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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*,	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AMZ – 1997 & AM 12 – 1997) EN 60335-1 2001 UL 60335-1 1998 CANCSA E335-1 1994	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements
Product Safety General test methods: Ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humdity condition Tlj*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*. Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loci forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, W; "unctionality*, Protectric impedance abnorm	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all*, Capacitor short circuit abnormal*, Output abnormal*, Multi-	Product Safety Standards IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AMZ – 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 Part 1: General requirements Electrical equipment for laboratory use; part 1: General
Product Safety ieneral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humdity condition Tlf)*, Limited power measurement*, Ground Applied force*, Sueel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loci Orque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, W; "unctionality*, Protective impedance abnorm	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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*,	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 41997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 2001 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
Product Safety inerral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Int lame*, Needle flame*, Hot flaming oil*, Loc forque*, Insulation resistance*, Sound level*, transformer shorts/oevloads*, Rain test*, W; "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all*, Capacitor short circuit abnormal*, Output abnormal*, Multi-	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AMZ – 1997 & AM 12 – 1997) EN 60335-1 2001 UL 60335-1 1998 CANCSA E335-1 1994	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety requirements for electrical equipment for
Product Safety ieneral test methods: ower input*, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, mitation*, Ring signal*, Hundidity condition TID*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Int atme*, Needle flame*, Hot flaming oil*, Loc 'orque*, Insulation resistance*, Sound level* 'ransformer shorts/overloads*, Rain test*, Wi 'unctionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin 'roduct Safety Standards.	requirements for terminal equipment interface Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge/voltage ing*, Creepage/Clearance/Distance tru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Batter, ververse 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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 18", Capacitor short circuit abnormal*, Multi- gid evice 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) UL 60335-1 1908 CAN/CSA E335-1 1994 UL 61010A-1: 2002 EN 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: Genera requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: Genera
Product Safety ieneral test methods: ower input*, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humdity conditions TTh*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc 'orque*, Insulation resistance*, Sound level*, 'ransformer shorts/overloads*, Rain test*, Wi 'unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin 'roduct Safety Standards 'product Safety Standards 'product Safety Standards	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/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Lakage current*, pulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all*, Capacitor short circuit abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-2 1097-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AMZ – 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	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: Genera requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: Genera requirements Safety information technology equipment
Product Safety ieneral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition TTI)*, Limited power measurement*, Ground typlied force*, Steel sphere impact*, Mold st component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc 'orque*, Insulation resistance*, Sound level*, 'ransformer shorts/overloads*, Rain test*, Wi 'unctionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin 'product Safety Standards 'product Safety Standards 'specific Product Safety Standards II. 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 relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, lif*, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment	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) UL 60335-1 1908 CAN/CSA E335-1 1994 UL 61010A-1: 2002 EN 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: Genera requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: Genera requirements Safety information technology equipment = Safety information technology equipment.
Product Safety ieneral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition Tli*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im Jame*, Needle flame*, Hot flaming oil*, Loci Orque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Specific Product Safety Standards IJ. 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 thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, respective of the 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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11d*, Capacitor short circuit abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment	Product Safety Standards IEC 60825-1 2000-5 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: Genera requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: Genera requirements Safety information technology equipment Information Technology Equipment – Safety – Part1: General Requirements
Product Safety ieneral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Hundid y condition TI)*, Limited power measurement*, Ground typlied force*, Steel sphere impact*, Mold st component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc 'orque*, Insulation resistance*, Sound level*, 'ransformer shorts/overloads*, Rain test*, Wi 'unctionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin 'roduct Safety Standards Decific Product Safety Safe	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all*, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment, including	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-2 1097-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AMZ – 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	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 ieneral test methods: 'ower inputs', Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humdity condition 'TI)*, Limited power measurement*, Ground typflied force*, Steel sphere impact*, Mold st 'Domponent abnormal*. Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc forque*, Insulation resistance*, Sound level*, 'Iransformer shorts/overloads*, Rain test*, Wi 'quctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin 'Product Safety Standards II. 60950 2000 EC 60950 1999 EN 60950 2000 EC 60950-1 2001 IL 60950-1 2001 IL 60950-1 2001 IL 60950-1 2001	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*, respective of the 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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11d*, Capacitor short circuit abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment	Product Safety Standards IEC 60825-1 2000-5 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 – Safety – Part1: General Requirements Information Technology Equipment – Safety – Part1: General Requirements Electrical Equipment for Measurement, Control and
Product Safety inerral test methods: Ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc Forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Lipecific Product Safety Stan	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all*, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment, including	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60835-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 2001 UL 60335-1 1998 CANCSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950.1: 2003 UL 61010-1: 2004	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety 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 ieneral test methods: ower input*, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition Tli*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loci forque*, Insulation resistance*, Sound level*, Iransformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards IJ. 60950 2000 EC 60950 1999 EN 60950 2000 EC 60950 1901 UJ. 60950-1 2001 UJ. 60950-1 2001 UJ. 60950-1 2001 ESA C22.2 No. 60950-103	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/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pubse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title 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 60825-4 1997-11 21 CFR 1040.10 IEC 60835-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 2001 UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010-1: 2002 EN 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 — Safety – Part1: General requirements Information Technology Equipment — Safety – General requirements Information Technology Equipment — Safety – General requirements Laboratory Use; Part 1: General Requirements Medical Electrical Equipment, Part 1: General Medical Electrical Equipment, Part 1: General
Product Safety ieneral test methods: ower input*, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition Tli*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loci forque*, Insulation resistance*, Sound level*, Iransformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards IJ. 60950 2000 EC 60950 1999 EN 60950 2000 EC 60950 1901 UJ. 60950-1 2001 UJ. 60950-1 2001 UJ. 60950-1 2001 ESA C22.2 No. 60950-103	requirements for terminal equipment interface Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge/voltage ing*, Creepage/Clearance/Distance tru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Batter, ververse 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*, ill mount*, Laser radiation (excluding x-ray)*, Voltage surge*, il*, Capacitor short circuit abnormal*, Multi- gd device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment.	Product Safety Standards IEC 60825-1 2000-5 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) IEC 60335-1 2001 UL 60335-1 1998 CANCSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950.1: 2003 UL 61010 -1: 2004 UL 60601-1: 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 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 Medical Electrical Equipment, Part 1: General Requirements for Safety
Product Safety ieneral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition Tli*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im Jame*, Needle flame*, Hot flaming oil*, Loci forque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards IL 60950 2000 EC 60950-1 2001 IL 60950-1 2001 IL 60950-1 2001 IL 60950-1 2001 SA C22.2 No. 60950-10 3 EC 61010-1 1993	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*, respective of the continuity*, Temperature*, Stability*, repulse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm / Landle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all continuity*, Stability*, Stability*, Cleaning* Title 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 60825-4 1997-11 21 CFR 1040.10 IEC 60835-1 1995 (Including AM2 – 1997 & AM 12 – 1997) EN 60335-1 2001 UL 60335-1 1998 CANCSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950.1: 2003 UL 61010-1: 2004	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety 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 Requirements for Safety Medical Electrical Equipment - Part 1: General
Product Safety General test methods: Power inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Rins gianal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc Forques*, Insulation resistance*, Sound level* Fransformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards JL 60950 1090 EC 60950 1090 EC 60950 1090 EC 60950-1 2001 JL 60950-1 2001 JL 60950-1 2001 JL 60950-1 2003 SSA C22.2 No. 60950-00 SSA C22.2 No. 60950-00 SSA C22.2 No. 60950-103 EC 61010-1 1993 EN 61010-1 1993, 2001	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all*, Capacitor short circuit abnormal*, Output abnormal*, Multi- g device abnormal*, Interlock abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements.	Product Safety Standards IEC 60825-1 2000-5 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) IEC 60335-1 2001 UL 60335-1 1998 CANCSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950.1: 2003 UL 61010 -1: 2004 UL 60601-1: 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 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 Medical Electrical Equipment, Part 1: General Requirements for Safety
Product Safety ieneral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity conditions TI)*, Limited power measurement*, Ground Upplied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc forque*, Insulation resistance*, Sound level*, Iransformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards II. 60950 2000 EC 60950 2000 EC 60950 12001 II. 60950-1 2001 II. 60950-1 2001 SSA C22.2 No. 60950-103 EC 61010-1 1993, 2001 EC 61010-1 1993, 2001 EC 61010-1 1993, 2001 EC 61010-1 2001 II. 610108-1 2003	requirements for terminal equipment interface Page 5 of 10 ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance thru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acousits cound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, all mount*, Laser radiation (excl	Product Safety Standards IEC 60825-1 2000-5 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) IEC 60335-1 2001 UL 60335-1 1998 CANCSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950.1: 2003 UL 61010 -1: 2004 UL 60601-1: 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 requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology Equipment – Safety – Part 1: General Requirements Information Technology Equipment – Safety – Part 1: 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 Medical Electrical Equipment - Part 1: General Requirements For Safety 1: Collateral Standard: Safety Requirements For Safety 1: Collateral Standard: Safety Requirements For Medical Electrical Systems Medical Electrical Equipment - Part 1: General
Product Safety ieneral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity conditions TI)*, Limited power measurement*, Ground Upplied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc forque*, Insulation resistance*, Sound level*, Iransformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards II. 60950 2000 EC 60950 2000 EC 60950 12001 II. 60950-1 2001 II. 60950-1 2001 SSA C22.2 No. 60950-103 EC 61010-1 1993, 2001 EC 61010-1 1993, 2001 EC 61010-1 1993, 2001 EC 61010-1 2001 II. 610108-1 2003	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11th, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements.	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60355-1 1995 (Including AMZ – 1997 & AM 12 – 1997) EN 6035-1 2001 UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950.1: 2003 UL 61010-1: 2004 UL 60601-1: 2004 UL 60601-1: 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 – 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 Safety Medical Electrical Equipment - Part 1: General Requirements For Safety 1: Collateral Standard: Safety Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Equipment - Part 1: General Requirement For Medical Electrical Equipment - Part 1: General Requiremen
Product Safety ieneral test methods: Ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition Tli*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im Jame*, Needle flame*, Hot flaming oil*, Loci Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wa "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards JL 60950 2000 EC 60950 1200 EC 60950 1200 EC 60950 12001 JL 60950-1 2001 JL 60950-1 2001 SSA C22.2 No. 60950-103 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 1993, 2001 EC 61010-1 1903, 2001 EC 61010-1 1903, 2001 EC 61010-1 1909, Including AM 2) CAN/CSA 1010-1 1999 (Including AM 2)	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*, pubse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11d mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 12d capacitor short circuit abnormal*, Rigidity*, Cleaning* Title 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. Electrical equipment for laboratory use Part 1: General requirements.	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60355-1 1995 (Including AMZ – 1997 & AM 12 – 1997) EN 6035-1 2001 UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950.1: 2003 UL 61010-1: 2004 UL 60601-1: 2004 UL 60601-1: 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 – Safety – Part1: General requirements Information Technology Equipment – Safety – General requirements Information Technology Equipment – Safety – General requirements Information Technology Equipment, Part 1: General Requirements Medical Electrical Equipment, Part 1: General Requirements For Safety 1: Collateral Standard: Safety Requirements For Safety 1: Collateral Standard: Safety Requirements For 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 1-1. Collateral Standard: Safety Requirements For Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Systems
Product Safety ieneral test methods: Ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition Tli*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im Jame*, Needle flame*, Hot flaming oil*, Loci Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wa "unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards JL 60950 2000 EC 60950 1200 EC 60950 1200 EC 60950 12001 JL 60950-1 2001 JL 60950-1 2001 SSA C22.2 No. 60950-103 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 1993, 2001 EC 61010-1 1903, 2001 EC 61010-1 1903, 2001 EC 61010-1 1909, Including AM 2) CAN/CSA 1010-1 1999 (Including AM 2)	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11th, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements.	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-4 1997-11 21 CFR 1040.10 IEC 60355-1 1995 (Including AMZ – 1997 & AM 12 – 1997) EN 6035-1 2001 UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950.1: 2003 UL 61010-1: 2004 UL 60601-1: 2004 UL 60601-1: 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 for Safety Medical Electrical Equipment - Part 1: General Requirements for Safety Medical Electrical Equipment - Part 1: General Requirements For Safety 1: Collateral Standard: Safety Requirements For Safety 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 Medical Electrical Systems Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Systems
Product Safety ieneral test methods: Ower input*, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Rins gianal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, In lame*, Needle flame*, Hot flaming oil*, Loc Forque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards II. 60950 2000 EC 60950 1999 EC 60950-1 2001 EC 60950-1 2001 EC 60950-1 2003 ESA C22.2 No. 60950-00 ESA C22.2 No. 60950-103 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 1993 EN 61010-1 1999 (Including AM 2) EC 60601-1 1995 EC 60601-1 1995 EN 60601-1 1995 (Including AM 2)	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge/voltage ing*, Creepage/Clearance/Distance tru 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*, ill mount*, Laser radiation (excluding x-ray)*, Voltage surge*, il*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment 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. Electrical equipment for laboratory use Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment	Product Safety Standards IEC 60825-1 2000-5 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) IEN 60335-1 2001 UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2000 EN 60601-1-1: 2000 EN 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 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 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 Standard: Safety Requirements For Medical Electrical Systems Audio, Video and Similar Electronic Apparatus – Safety Requirements
Product Safety ieneral test methods: Ower input*, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Rins gianal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, In lame*, Needle flame*, Hot flaming oil*, Loc Forque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards II. 60950 2000 EC 60950 1999 EC 60950-1 2001 EC 60950-1 2001 EC 60950-1 2003 ESA C22.2 No. 60950-00 ESA C22.2 No. 60950-103 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 1993 EN 61010-1 1999 (Including AM 2) EC 60601-1 1995 EC 60601-1 1995 EN 60601-1 1995 (Including AM 2)	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance tru 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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11 mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 12 capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment. Part 1: General Requirements Medical electrical equipment. Part 1: General Requirements	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 2000-5 IEC 60825-3 1995 IEC 60825-1 1997 IEC 60825-1 1995 IEC 60825-1 2001 IEC 60335-1 1998 IEC 60835-1 2001 IEC 60335-1 2002 IEC 60325-1 2001 IEC 6081-1: 2001 AS/NZS 60950: 2000 IEC 60950-1: 2003 IEC 60601-1: 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 —Safety —Part1: General requirements Information Technology Equipment —Safety —General requirements Information Technology Equipment —Safety —General requirements Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements Medical Electrical Equipment —Part 1: General Requirements For Safety 1: Collateral Standard: Safety Medical Electrical Equipment —Part 1: General Requirements For Medical Electrical Systems Medical Electrical Equipment —Part 1: General Requirements For Medical Electrical Electrical Electrical Electrical Electrical Electrical Systems Medical Electrical Equipment —Part 1: General Requirements for Safety —Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Electrical Systems Medical Video and Similar Electronic Apparatus — Safety Requirements
Product Safety ieneral test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Ins lame*, Needle flame*, Hot flaming oil*, Loc Forque*, Insulation resistance*, Sound level* fransformer shorts/overloads*, Rain test*, Wi unctionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Sipecific Product Safety Standards Sipecific Product Safety Standards Sipecific Product Safety Standards Sipecific Product Safety Standards Size Google Sound Size Soun	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge/voltage ing*, Creepage/Clearance/Distance tru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Batter, ververse 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*, ill mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 14", Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements Medical electrical equipment Medical electrical equipment Medical electrical equipment Medical electrical equipment for safety.	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 1090-5 IEC 60825-3 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60950-1: 2001 UL 60601-1: 2001 UL 60605: 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 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 for Safety – Part 1: General Requirements for Safety + Stafety – Part 1: General Requirements for Safety 1: Collateral Standard: Safety Requirements For Safety 1: Collateral Standard: Safety Requirements for Safety – Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Systems Medical Electrical Equipment - Part 1: General 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: Ower inputs', Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/oserloads*, Rain test*, Wi "unctionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards JL 60950 1090 EC 60950 1099 EC 60950 1090 EC 60950 1090 EC 60950-1 2001 JL 60950-1 2003 ESA C22.2 No. 60950-00 ESA C22.2 No. 60950-103 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 1993 EN 61010-1 1999 (Including AM 2) EC 60601-1 1995 EN 60601-1 1995 (Including AM 2) JL 2601-1 1995 EN 60601-1 1995 (Including AM 2) JL 2601-1 1997	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage ing*, Creepage / Clearance / Distance tru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acoustic sound 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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 111*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment safety equirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements of safety. Medical electrical equipment. Part 1: General Requirements for safety. Audio, video and similar electronic apparatus – Safety	Product Safety Standards IEC 60825-1 2000-5 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) IEN 60335-1 2001 UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2001 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2000 EN 60601-1-1: 2000 EN 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 — Safety - Part1: General requirements Information Technology Equipment — Safety — Part1: General Requirements Information Technology Equipment — 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 Medical Electrical Equipment - Part 1: General Requirements For Safety 1: Collateral Standard: Safety Requirements For Medical Electrical Electrical Electrical Electrical Electrical Electrical Systems Medical Electrical Equipment - Part 1: General Requirements For Medical Electrical Electrical Electrical Electrical Electrical Systems Audio, Video and Similar Electronic Apparatus — Safety Requirements Audio, Video and Similar Electronic Apparatus — Safety Requirements
Product Safety General test methods: Power inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Rins gianal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorma upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards Signecific Product Safety Standards JL 60950 1090 EC 60950 1090 EC 60950 1090 EC 60950-1 2001 JL 60950-1 2001 JL 60950-1 2003 ESA C22.2 No. 60950-10 3 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 2001 EC 61010-1 2003 CAN/CSA 1010-1 1999 (Including AM 2) EC 60601-1 1995 EN 60601-1 1995 (Including AM 2) JL 2601-1 1997 EC 60065 1998, 2000	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*, pubse*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11d mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 12d*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment. Part 1: General Requirements for safety. Audio, video and similar electronic apparatus – Safety requirements	Product Safety Standards IEC 60825-1 2001 IEC 60825-2 2000-5 IEC 60825-2 1090-5 IEC 60825-3 1997-11 21 CFR 1040.10 IEC 60335-1 1995 (Including AM2 – 1997 & AM 12 – 1997) UL 60335-1 1998 CAN/CSA E335-1 1994 UL 61010-1: 2002 EN 61010-1: 2001 AS/NZS 60950: 2000 EN 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60950-1: 2001 UL 60601-1: 2001 UL 60605: 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 household and similar electrical appliances Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety information for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety information technology Equipment – Safety – Part1: General requirements Information Technology Equipment – Safety – Part1: General requirements Information Technology Equipment – Safety – General requirements Information Technology Equipment – 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 Medical Electrical Systems Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements
Product Safety General test methods: Power inputs*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im Jame*, Needle flame*, Hot flaming 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 1099 EN 60950 2000 EEC 60950 12001 UL 60950-1 2001 UL 60950-1 2001 UL 60950-1 2003 ESA C22.2 No. 60950-00 SSA C22.2 No. 60950-10 SSA C22.2 No. 60950-10 SEC 61010-1 1993 EN 61010-1 1993, 2001 EEC 61010-1 2001 UL 61010B-1 2001 UL 61010B-1 2003 CAN/CSA 1010-1 1999 (Including AM 2) UL 2601-1 1995 EN 60601-1 1995 (Including AM 2) UL 2601-1 1995 EN 60601-1 1995 (Including AM 2) UL 2601-1 1995 EN 60605-1 998, 2000 ANNIVCSA 60065-00	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage limited current*, Capacitor Discharge / voltage Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, pulse*, Overvoltage*, Acoustic sound pressure*, Isomun / Omm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11 mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 12 capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment. Part 1: General Requirements for safety. Audio, video and similar electronic apparatus – Safety requirements Audio/video and similar electronic apparatus – Safety requirements Audio/video and similar electronic apparatus or Household, commercial and similar general use Australian/New Zealand	Product Safety Standards IEC 60825-1 2000 IEC 60825-2 2000-5 IEC 60825-2 2000-5 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 AS/NZS 60950.1: 2003 UL 61010-1: 2004 UL 60601-1-1: 2004 UL 60601-1-1: 2000 EN 60601-1-1: 2001 UL 60665: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of 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 – 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 Safety 1: Collateral Standard: Safety 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 Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements
Product Safety General test methods: Power inputs*, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im Jame*, Needle flame*, Hot flaming 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 1099 EN 60950 2000 EEC 60950 12001 UL 60950-1 2001 UL 60950-1 2001 UL 60950-1 2003 ESA C22.2 No. 60950-00 SSA C22.2 No. 60950-10 SSA C22.2 No. 60950-10 SEC 61010-1 1993 EN 61010-1 1993, 2001 EEC 61010-1 2001 UL 61010B-1 2001 UL 61010B-1 2003 CAN/CSA 1010-1 1999 (Including AM 2) UL 2601-1 1995 EN 60601-1 1995 (Including AM 2) UL 2601-1 1995 EN 60601-1 1995 (Including AM 2) UL 2601-1 1995 EN 60605-1 998, 2000 ANNIVCSA 60065-00	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*, 130nm / 20nm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment Medical electrical equi	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-1 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 AS/NZS 60950.1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60601-1-1: 2000 UL 60605: 2003 CSA 60065: 2003 IEC 60605: 2003 IEC 60605: 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 Safety in fousehold and similar electrical appliances 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 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 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 Audio, Video and Similar Electronic Apparatus – Safety Requirements Safety of Machinery – Electrical Equipment of Machines Safety of Machinery – Electrical Equipment of Machines
Product Safety General test methods: Ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition TI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im Jame*, Needle flame*, Hot flaming oil*, Loci Torque*, Insulation resistance*, Sound level*, Iransformer shorts/overloads*, Rain test*, Wi "unctionality*, Protective impedance abnorm apply abnormal*, Cooling abnormal*, Heatin Product Safety Standards JL 60950 2000 EC 60950 1200 EC 60950 1200 EC 60950-1 2001 JL 60950-1 2003 ESA C22.2 No. 60950-00 ESA C22.2 No. 60950-103 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 1993, 2001 EC 61010-1 1993 EC 60061-1 1995 EN 60601-1 1995 (Including AM 2) JL 2601-1 1995 EN 606061-1 1995 (Including AM 2) JL 2601-1 1995 EC 60065 1998, 2000 MSNIJUL 6500: 1998 EANICSA 60065-00	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*, 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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 111*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment. Part 1: General Requirements for safety. Audio, video and similar electronic apparatus – Safety requirements Audio/video and musical instrument apparatus for Household, commercial and similar general use Australian/New Zealand Standard – Approval and test Specification – Mains operated	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-1 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 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60065: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002 EN 60204 -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 Part 1: General requirements Electrical equipment for laboratory use; part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements 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 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 Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Safety of Machinery – Electrical Equipment of Machines – Part 1: Specification for General Requirements Safety of Machinery – Electrical Equipment of Machines – Part 1: Specification for General Requirements
Product Safety inereal test methods: ower inputs, Permanence of marking*, Acce neasurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition TIJ*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming oil*, Loc Forque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi unctionality*, Protective impedance abnorm upply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards II. 60950 2000 EC 60950 1999 EC 60950 1999 EC 60950-1 2001 EC 60950-1 2001 EC 622. No. 60950-00 EC 622. No. 60950-103 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 1993 EN 61010-1 1993, 2001 EC 61010-1 1995 EC 60601-1 1995 EC 60601-1 1995 EC 60601-1 1995 EC 60605-1098, 2000 ANSI/UL 6500: 1998 EAN/CSA 60065-00 ANSI/UL 6500: 1998 EAN/CSA 60065-00 ENNI/UL 6500: 1998 EAN/CSA 60065-000	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge/voltage ing*, Creepage/Clearance/Distance tru 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*, ill mount*, Laser radiation (excluding x-ray)*, Voltage surge*, il*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment Medical electri	Product Safety Standards IEC 60825-1 2000 IEC 60825-2 2000-5 IEC 60825-2 2000-5 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 AS/NZS 60950.1: 2003 UL 61010 -1: 2004 UL 60601-1-1: 2004 UL 60601-1-1: 2000 EN 60601-1-1: 2001 UL 60665: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002	Title Classification, requirements and user's guide. Safety of laser products – Part 2: Safety of optical communication systems Safety of laser products – Part 4: Laser guards Performance standard for laser products Safety of 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 – Part1: General Requirements Information Technology Equipment, Control and Laboratory Use; Part 1: General Requirements Medical 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 - Section 1-1. 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 Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Compliance Test Specification – Safety and Electrical Compliance Test Specification – Safety and Electrical
Product Safety General test methods: Power inputs, Permanence of marking*, Acce measurement*, SELV circuits*, TNV limits*, imitation*, Ring signal*, Humidity condition CTI)*, Limited power measurement*, Ground Applied force*, Steel sphere impact*, Mold st Component abnormal*, Electric strength*, Im lame*, Needle flame*, Hot flaming 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 60950-1 2001 UL 60950-1 2003 UL 60950-1 2001 UL 60950-1 2003 EEC 61010-1 1993 EEC 61010-1 1993 EEC 61010-1 1993, 2001 EEC 61010-1 1993, 2001 EEC 61010-1 1995 (Including AM 2) UL 2601-1 1995 EEC 60665-1 ANNIVLI 6500: 1998 CAN/CSA 60065-00 ANSI/UL 6500: 1998 CAN/CSA 60065-00 ASNIVLS 60005-000 Canadian C22.2 No. 1-94 (1-98)	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage limited current*, Capacitor Discharge / voltage go, *Creepage / Clearance / Distance tru 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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11th (*Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment Medical electrical equipment Medical electrical equipment. Part 1: General requirements for safety. Audio, video and similar electronic apparatus For Household, commercial and similar general use Australian/New Zealand Standard — Approval and test Specification — Mains operated electronic and related Eguipment for ousehold and similar general use Audio, video and similar electronic equipment.	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-1 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 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60065: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002 EN 60204 -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 Part 1: General requirements Safety of household and similar electrical appliances Part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Safety 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 Safety 1: Collateral Standard: Safety 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 Equipment - Part 1: General Requirements For Medical Electrical Systems Medical Flectrical Equipment - Part 1: General Requirements Safety Requirements - Safety Requirements - Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Safety of Machinery – Electrical Equipment of Machines – Part 1: Specification for General Requirements Compliance Test Specification – Safety and Electrical Eprotection Requirements Ecompliance Test Specification – Safety and Electrical Ecompliance Test Specificat
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, StELV 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 impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards UL 60950 1090 IEC 60950 1090 IEC 60950 1090 IEC 60950-1 2001 UL 60950 2000 IEC 60950-1 2001 UL 60950-1 2003 CSA C2.2, No. 60950-00 CSA C2.2, No. 60950-103 IEC 61010-1 1993 EN 61010-1 1993, 2001 IEC 61010-1 2001 UL 61010B-1 2003 CAN/CSA 1010-1 1999 (Including AM 2) IEC 60601-1 1995 EN 60601-1 1995 IEC 60606-1 1995 IEC 60065 1998, 2000 ANSI/UL 6500: 1998 CAN/CSA 60065-00 ASN/IZS 60065-00 Canadian C22.2 No. 1-94 (1-98) 1994, 1998	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge/voltage ing*, Creepage/Clearance/Distance tru Insulation (excluding Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Batter, ververse 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*, ill mount*, Laser radiation (excluding x-ray)*, Voltage surge*, ill*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title 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. Electrical equipment for laboratory use Part 1: General requirements, Medical electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements Medical electrical equipment Med	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-1 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 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60065: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002 EN 60204 -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 Part 1: General requirements Safety in fonusehold and similar electrical appliances 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, Control and Laboratory Use; Part 1: General Requirements Hedical Electrical Equipment, Part 1: General Requirements for Safety – Part 1: General Requirements for Safety – Part 1: General Requirements For Safety 1: Collateral Standard: Safety Medical Electrical Equipment - Part 1: General Requirements For Safety 1: Collateral Standard: Safety Requirements For Safety - Section 1-1. Collateral Standard: Safety Requirements For Medical Electrical Systems Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Safety of Machinery – Electrical Equipment of Machines – Part 1: Specification for General Requirements Compliance Test Specification – Safety and Electrical Protection Requirements for Subscriber Equipment
limitation*, Ring signal*, Humidity condition (TT)*, 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	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage limited current*, Capacitor Discharge / voltage go, *Creepage / Clearance / Distance tru 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*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11th (*Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment Medical electrical equipment Medical electrical equipment. Part 1: General requirements for safety. Audio, video and similar electronic apparatus For Household, commercial and similar general use Australian/New Zealand Standard — Approval and test Specification — Mains operated electronic and related Eguipment for ousehold and similar general use Audio, video and similar electronic equipment.	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-1 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 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60065: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002 EN 60204 -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 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 — 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 Safety 1: Collateral Standard: Safety Medical Electrical Equipment —Part 1: General Requirements For Medical Electrical E
Product Safety General test methods: Power input*, Permanence of marking*, Acce measurement*, StELV 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 impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards UL 60950 1090 IEC 60950 1090 IEC 60950 1090 IEC 60950-1 2001 UL 60950 2000 IEC 60950-1 2001 UL 60950-1 2003 CSA C2.2, No. 60950-00 CSA C2.2, No. 60950-103 IEC 61010-1 1993 EN 61010-1 1993, 2001 IEC 61010-1 2001 UL 61010B-1 2003 CAN/CSA 1010-1 1999 (Including AM 2) IEC 60601-1 1995 EN 60601-1 1995 IEC 60606-1 1995 IEC 60065 1998, 2000 ANSI/UL 6500: 1998 CAN/CSA 60065-00 ASN/IZS 60065-00 Canadian C22.2 No. 1-94 (1-98) 1994, 1998	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment 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. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment Medical ele	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-1 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 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60065: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002 EN 60204 -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 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 Information Technology Equipment – Part 1: General Requirements Hedical Electrical Equipment, Part 1: General Requirements for Safety – Part 1: General Requirements for Safety 1: Collateral Standard: Safety 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 Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Safety of Machinery – Electrical Equipment of Machines – Part 1: Specification for General Requirements Compliance Test Specification – Safety and Electrical Protection Requirements For Longetted to the Public Telecommunications Networks
Product Safety General test methods: Power inputs*, 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 Jame*, Needle flame*, Hot flaming oil*, Loci Torque*, Insulation resistance*, Sound level*, Transformer shorts/overloads*, Rain test*, Wi Prunctionality*, Protective impedance abnorm supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards UL 60950 2000 EEC 60950 1909 EN 60950 2000 EEC 60950-1 2001 UL 60950-1 2003 CSA C22.2 No. 60950-00 CSA C22.2 No. 60950-10 3 EEC 61010-1 1993 EN 61010-1 1993, 2001 EEC 61010-1 1993 EEC 61010-1 1993 CAN/CSA 1010-1 1999 (Including AM 2) UL 2601-1 1997 IEC 60065 1998, 2000 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 60825 1990	ssibility*, Permissibly limits*, Energy hazard Limited current*, Capacitor Discharge / voltage limited current*, Capacitor Discharge / voltage Bond/Earthing*, Ground continuity*, Temperature*, Stability*, ress*, Battery reverse current*, Ball pressure*, Leakage current*, publes*, Overvoltage*, Acoustic sound pressure*, 130mm / 20mm ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11 mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 12 capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment Safety of information technology equipment Safety of information technology equipment, including Electrical business equipment. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Safety requirements for electrical equipment for measurement, control and laboratory use, Part 1: General requirements. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment. Part 1: General requirements for safety. Medical electrical equipment. Part 1: General requirements for safety. Audio, video and similar electronic apparatus – Safety requirements Audio/video and musical instrument apparatus for Household, commercial and similar general use Australian/New Zealand Standard – Approval and test Specification – Mains operated electronic and related Equipment for household and similar general use. Radiation safety of laser products, equipment Classification, requirements and user's guide	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-1 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 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60065: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002 EN 60204 -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 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 Information Technology Equipment – Part 1: General Requirements Hedical Electrical Equipment, Part 1: General Requirements for Safety – Part 1: General Requirements for Safety 1: Collateral Standard: Safety 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 Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Safety of Machinery – Electrical Equipment of Machines – Part 1: Specification for General Requirements Compliance Test Specification – Safety and Electrical Protection Requirements For Longetted to the Public Telecommunications Networks
Product Safety General test methods: Power inputs', 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 flame*, Hot flaming oil*, Loc Torque*, Insulation resistance*, Sound level* Transformer shorts/overloads*, Rain test*, Wi Functionality*, Protective impedance abnorma supply abnormal*, Cooling abnormal*, Heatin Product Safety Standards. Specific Product Safety Standards UL 60950 1090 IEC 60950 1999 IEC 60950 1990 IEC 60950-1 2001 UL 60950-1 2003 USA 622.2 No. 60950-00 CSA 622.2 No. 60950-103 IEC 61010-1 1993 IEC 61010-1 1993 IEC 61010-1 1993 IEC 61010-1 2003 CAN/CSA 1010-1 1999 (Including AM 2) IEC 60601-1 1995 IEC 60601-1 1995 IEC 60605-1998 CAN/CSA 60065-90 ANSI/UL 6500: 1998 CAN/CSA 60065-90 ANSI/UL 6500: 1998 CAN/CSA 60065-90 Canadian C22.2 No. 1-94 (1-98) 1994, 1998 IEN 60065 1994	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 ked rotor/motor armature*, Vibration, Bump, Drop*, Strain relief*, Handle loading*, Liquid overflow*, Spillage*, Liquid leakage*, all mount*, Laser radiation (excluding x-ray)*, Voltage surge*, 11*, Capacitor short circuit abnormal*, Rigidity*, Cleaning* Title Safety of information technology equipment 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. Electrical equipment for laboratory use Part 1: General requirements. Medical electrical equipment Medical ele	Product Safety Standards IEC 60825-1 2000-5 IEC 60825-2 2000-1 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 AS/NZS 60950-1: 2003 UL 61010 -1: 2004 UL 60601-1: 2003 IEC 60601-1-1: 2000 EN 60065: 2003 CSA 60065: 2003 IEC 60065: 2001 EN 60065: 2002 EN 60204 -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 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 Information Technology Equipment – Part 1: General Requirements Hedical Electrical Equipment, Part 1: General Requirements for Safety – Part 1: General Requirements for Safety 1: Collateral Standard: Safety 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 Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Audio, Video and Similar Electronic Apparatus – Safety Requirements Safety of Machinery – Electrical Equipment of Machines – Part 1: Specification for General Requirements Compliance Test Specification – Safety and Electrical Protection Requirements For Longetted to the Public Telecommunications Networks

vironmental Simulation			Note 1. For standards or methods listed on the scope of accreditation without a	a revision date, laboratories
Test Technology	Test Standard	Supporting Standards	expected to be competent in the use of the current version within one year of t	he date of publication of the
Accessibility*	IEC 60529	IP-0x thru IP-6x	standard test method or upon the date specified by the standard test method or	iginator when the originator
Acoustic Noise*	GR-63-CORE Sec 4.6		implementation authority. When a superseded standard or method is required	
Airborne Contaminants	GR-63-CORE Sec 4.5	MFG & Hygroscopic Dust		
Altitude	GR-63-CORE Sec 4.1.3		will include the superseded date/version. For those that support the TCB/CB s	
Cold Start*	ETS 300 019	IEC 60068-2-1	as a certifier on behalf of the FCC or IC the expectation is currency within 30	days of Federal Register
Drip	IEC 60529	IP-x1 & IP-x2	publication of changes for FCC and 30 days after IC website update. This not	e shall not be construed as
Drops*	ETS 300 019	IEC 60068-2-32	Accreditation Body implication to adopt a more current standard than is require	
•	GR-63-CORE Sec 4.3			red in a regulation of code (
Dust	IEC 60529	IP-5x & IP-6x	the legal requirement) which is adopted by the lab under their responsibility.	
Firearms Resistance Testing	GR-487	n sawn sa		
Fire Resistance	ANSI.T1.319		* On-site test service is available for this technology, test, or method.	
1 IIC ICCONTUNCC	GR-63-CORE Sec 4.2	Fire & Needle Flame	-	
Heat Dissipation*	GR-63-CORE Sec 4.1.4	The & recule Finne		
Illumination	GR-63-CORE Sec 4.7			
Operational Temperature &	GK-03-COKE Sec 4.7			
Humidity (OpTH)*	ETS 300 019	IEC 60068-2-1		
Humany (Op111)	E13 300 019	IEC 60068-2-1 IEC 60068-2-2		
		IEC 60068-2-2 IEC 60068-2-14		
		IEC 60068-2-14 IEC 60068-2-56		
	GR-63-CORE Sec 4.1.2	IEC 00008-2-50		
S. b. F 8 S				
Salt Fog & Spray	ASTM B117			
Spatial*	GR-63-CORE Sec 2.0 & 3.0	TD 20 TD 4		
Spraying-Splashing	IEC 60529	IP-x3 & IP-x4		
Storage (Temperature & Humidity)*	ETS 300 019	IEC 60068-2-1		
		IEC 60068-2-2		
		IEC 60068-2-14		
		IEC 60068-2-30		
		IEC 60068-2-56		
	GR-63-CORE Sec 4.1.1			
Vibration	ETS 300 019	IEC 60068-2-6		
		IEC 60068-2-27		
		IEC 60068-2-29		
		IEC 60068-2-32		
		IEC 60068-2-57		
		IEC 60068-2-64		
		Earthquake, Office &		
	GR-63-CORE Sec 4.4	Transportation		
Water Immersion	IEC 60529	IP-x7 & IP-x8		
Water Jet	IEC 60529	IP-x5 & IP-x6		
LA Cert. No. 1627.01) 3/27/06		Page 9 of 10	(A2LA Cert. No. 1627.01) 3/27/06	Page 10