

Xiamen Longstar Lighting Co., Ltd

Energy Save Lamp

Model Number: FE-ISL-45W/FE-ISL-36W/FE-ISL-40W/FE-ISL-42W
FE-R20-14WA/FE-R20-11WA/FE-R20-9WA/FE-IISB-14W/
FE-IISB-5W/FE-IISB-7W/FE-IISB-9W/FE-IISB-11W/
FE-IISB-13W/FE-US-42W/FE-US-8W/FE-US-12W/
FE-US-13W/FE-US-15WA/ E-G16-7W/FE-G16-5W/FE-GU-14W/
FE-GU-11W/ FE-GU-9W/ FE-GU-7W/ FE-GU-5W/FE-IS-42W/
FE-IS-40W/FE-IS-36W

Prepared for : Xiamen Longstar Lighting Co., Ltd.
Chengnan Industrial Zone, Tongan, Xiamen, China.

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6 Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

Tel: (0755) 26639496

Report Number : ACS-F06448
Date of Test : Aug.17~18, 2006
Date of Report : Sep.13, 2006

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TEST REPORT CERTIFICATION

Applicant : Xiamen Longstar Lighting Co., Ltd
 Manufacturer : Xiamen Longstar Lighting Co., Ltd
 EUT Description : Energy Save Lamp
 (A) MODEL NO. : FE-ISL-45W/FE-ISL-36W/FE-ISL-40W/FE-ISL-42W/FE-R20-14WA/
 FE-R20-11WA/FE-R20-9WA/FE-IISB-14W/FE-IISB-5W/FE-IISB-7W/
 FE-IISB-9W/FE-IISB-11W/FE-IISB-13W/FE-US-42W/FE-US-8W/
 FE-US-12W/FE-US-13W/FE-US-15WA/E-G16-7W/FE-G16-5W/
 FE-GU-14W/FE-GU-11W/ FE-GU-9W/ FE-GU-7W/ FE-GU-5W/
 FE-IS-42W/FE-IS-40W/FE-IS-36W
 (B) SERIAL NO. : N/A
 (C) POWER SUPPLY : AC 120V/60Hz

Test Procedure Used:

FCC RULES AND REGULATIONS PART 18 SUBPART C RF LIGHTING DEVICES
 CONSUMER (1998) AND MP-5/1986

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 18 Subpart C limits for radiation and conduction emissions. The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT is technically compliant with FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.

This report must not be used by the applicant to claim product endorsement by NVLAP, NIST or any agency of the U.S. Government.

Date of Test : Aug.17~18, 2006

Prepared by : Annie Wu / Assistant

Reviewer : Sean Xing / Assistant Manager

Approved & Authorized Signer : Ken Lu /Deputy Manager

Name of the Representative of the Responsible Party : _____

Signature : _____

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : Energy Save Lamp

Model Number : FE-ISL-45W/FE-ISL-36W/FE-ISL-40W/FE-ISL-42W/
FE-R20-14WA/FE-R20-11WA/FE-R20-9WA/FE-IISB-14W/
FE-IISB-5W/FE-IISB-7W/FE-IISB-9W/FE-IISB-11W/
FE-IISB-13W/FE-US-42W/FE-US-8W/FE-US-12W/
FE-US-13W/FE-US-15WA/E-G16-7W/FE-G16-5W/
FE-GU-14W/FE-GU-11W/ FE-GU-9W/ FE-GU-7W/
FE-GU-5W/FE-IS-42W/FE-IS-40W/FE-IS-36W
We did the test for every sample, every Model Number, but we
chose the worst data to do the report.
Test Model Number:
FE-GU-14W/FE-IISB-14W/FE-US-13W/FE-R20-14WA/FE-G
16-7W/FE-G16-7W/FE-IS-42W/FE-ISL-45W

Applicant : Xiamen Longstar Lighting Co., Ltd
Chengnan Industrial Zone, Tongan, Xiamen, China.

Manufacturer : Xiamen Longstar Lighting Co., Ltd
Chengnan Industrial Zone, Tongan, Xiamen, China.

Date of Test : Aug.17~18, 2006

APPLY FCC ATTESTATION FE-ISL-36,40,42,45W INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-ISL-36,40,42,45W
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS			
						FE-ISL-36W	FE-ISL-40W	FE-ISL-42W	FE-ISL-45W
1		LAMP CAP	SHANGHAI XINGHONG INDUSTRY CO.		E26	E26	E26	E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG	1C*22AWG	1C*22AWG	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RG301	Ø70mm	Ø70mm	Ø70mm	Ø70mm
4		LAMP TUBE	JIANGSU BAIBEI GROUP, LTD CHINA		SPIRAL	36/Ø12	40/Ø12	42/Ø12	45/Ø12
5	FU	FUSE	LANSON ELECTRONICS CO.,LTD	E221465	3D/3E	2A/250VAC	2A/250VAC	2A/250VAC	2A/250VAC
6	PCB	PCB BOARD	QUANGZHOU JINTIAN ELECTRONIC CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO LTD	E239807 E105933	JFR-1 16H0/16K0	LST-1S03	LST-1S03	LST-1S03	LST-1S03
7	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		T9*5*3	Ø0.35mm 9:3:3	Ø0.35mm 9:3:3	Ø0.35mm 7:3:3	Ø0.35mm 7:3:3
8	D1-D2	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N5399	1A/1000V	1A/1000V	1A/1000V	1A/1000V
9	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V	1A/1000V
10	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		-----	-----	-----	-----	-----
11	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V	1A/1000V
12	D10,D11	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		FR104	1A/1000V	1A/1000V	1A/1000V	1A/1000V
13	DB3	TRIGGER DIODE	NANJING FEILI ELECTRONIC CO.,LTD		DB3	DB3	DB3	DB3	DB3
14	R1	RESISTOR	KOMING ELECTRONICS CO.,LTD			330KΩ 1/4	330KΩ 1/4	330KΩ 1/4	330KΩ 1/4
15	R2	RESISTOR	KOMING ELECTRONICS CO.,LTD			330KΩ 1/4	330KΩ 1/4	330KΩ 1/4	330KΩ 1/4
16	R7,R8	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----	-----	-----
17	R3,R5	RESISTOR	KOMING ELECTRONICS CO.,LTD			6.8Ω 1/4	6.8Ω 1/4	6.8Ω 1/4	6.8Ω 1/4
18	R4,R6	RESISTOR	KOMING ELECTRONICS CO.,LTD			1Ω 1/4	1Ω 1/4	0.5Ω 1/4	0.5Ω 1/4
19	C0,C01	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	100nF/250V	100nF/250V	100nF/250V	100nF/250V
20	C1	CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELECTRONICS CO.,LTD YIYANG ZIJIAN ELECTRONIC ELEMENTS CO.,LTD NANTONG SUMON ELECTRONIC CO.,LTD			33uF/200V	33uF/200V	33uF/200V	47uF/200V
21	C2	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	1nF/1200V	1nF/1200V	1nF/1200V
22	C3	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V	22nF/100V	22nF/100V	22nF/100V
23	C4	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	100nF/250V	100nF/250V	100nF/250V	100nF/250V
24	C5	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD			-----	-----	-----	-----
25	C6	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	10nF/630V	10nF/630V	12nF/630V	12nF/630V
26	L	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE19/10	EE19/10	EE25	EE25
		BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2C3-631 PBT/RG301	EE19/10	EE19/10	EE25	EE25
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.17X5mm	Ø0.17X5mm	Ø0.17X4mm	Ø0.17X4mm
27	L0	INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø10*12mm	Ø10*12mm	Ø10*12mm	Ø10*12mm
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.35mm	Ø0.35mm	Ø0.35mm	Ø0.35mm
28	T1,T2	TRANSISTOR	CHINA HUAJING ELECTRONIC CO.,LTD JILIN SINO-MICROELECTRONICS CO.,LTD			13005	13005	13007	13007
29	A1-A4	CONNECTOR PIN	ZHENQIN ELECTRONIC CO.,LTD			1*3P	1*3P	1*3P	1*3P

APPLY FCC ATTESTATION FE-R20-9,11,14WA INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-R20-9,11,14WA
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS		
						FE-R20-9WA	FE-R20-11WA	FE-R20-14WA
1		LAMP CAP	SHANGHAI KINGHONG INDUSTRY CO.		E26	E26	E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG	1C*22AWG	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RG301	Ø43mm	Ø43mm	Ø43mm
4		CRYSTAL BULB	JIANGSUDANYANG AOWEI INDUSTRIAL CO.,LTD.		COLUMN	Ø40.5mm	Ø40.5mm	Ø40.5mm
5		LAMP TUBE	JIANGSU BAIBEI GROUP.,LTD CHINA		SPIRAL	9/Ø9	11/Ø9	14/Ø9
6	FU	FUSE	LANSON ELECTRONICS CO.,LTD	E221465	3D/3E	1A/250VAC	1A/250VAC	1A/250VAC
7	PCB	PCB BOARD	QUANZHOU JINTIAN ELECTRONIC CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.,LTD	E239807 E105953	JFR-1 16H0/16K0	LST-GU01	LST-GU01	LST-GU01
8	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		T9*5*3	Ø0.35mm 11:3:3	Ø0.35mm 9:3:3	Ø0.35mm 7:3:3
9	D1-D4	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
10	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
11	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	-----	-----	1A/1000V
12	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD			-----	-----	-----
13	DB3	TRIGGER DIODE	NANJING FEILI ELECTRONIC CO.,LTD		DB3	DB3	DB3	DB3
14	R1	RESISTOR	KOMING ELECTRONICS CO.,LTD			220KΩ 1/4	220KΩ 1/4	220KΩ 1/4
15	R2	RESISTOR	KOMING ELECTRONICS CO.,LTD			220KΩ 1/4	220KΩ 1/4	220KΩ 1/4
16	R7,R8	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----	-----
17	R3,R5	RESISTOR	KOMING ELECTRONICS CO.,LTD			15Ω 1/4	15Ω 1/4	10 1/4
18	R4,R6	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----	-----
19	C0	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V	47nF/250V
20	C1	CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELECTRONICS CO.,LTD YIYANG ZIJIANG ELECTRONIC ELEMENTS CO.,LTD NANTONG SUNION ELECTRONIC CO.,LTD.			6.8uF/200V	10uF/200V	15uF/200V
21	C2	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	1nF/1200V	1nF/1200V
22	C3	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V	22nF/100V	22nF/100V
23	C4	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V	47nF/250V
24	C5	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	2.7nF/1200V	2.7nF/1200V	2.7nF/1500V
25	C6	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	2.2nF/1200V	2.2nF/1200V	2.7nF/1500V
26	L	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE13	EE13	EE13
		BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2C3-631 PBT/RG301	EE13	EE13	EE13
		MAGNET WIRE	GUANGDONG RONSEN SUPER.	E164502(R)	MW79	Ø0.14*3mm	Ø0.14*3mm	Ø0.15*3mm
27	L0	INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø5*7mm	Ø5*7mm	Ø5*7mm
		MAGNET WIRE	GUANGDONG RONSEN SUPER.	E164502(R)	MW79	Ø0.12mm	Ø0.12mm	Ø0.12mm
28	T1,T2	TRANSISTOR	CHINA HUAJING ELECTRONIC CO.,LTD JILIN SINO-MICROELECTRONICS CO.,LTD.			13002/4124 /4120	13002/4124 /4120	13002/4124 /4120
29	PTC	THERMAL RESISTOR	SHENZHEN E/CAP ELECTRONIC COMPONENTS CO.,LTD			102MU	102MU	471MU
30	A1-A4	CONNECTOR PIN	ZHENQIN ELECTRONIC CO.,LTD			1*3P	1*3P	1*3P

APPLY FCC ATTESTATION FE-IISB-5,7,9,11,13,14W INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO., LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-IISB-5,7,9,11,13,14W
DATE	2006/8/25

COMPONENTS		MANUFACTURER	FILE NO.	MODEL	RATINGS					
					FE-IISB-5W	FE-IISB-7W	FE-IISB-9W	FE-IISB-11W	FE-IISB-13W	FE-IISB-14W
1	LAMP CAP	SHANGHAI XINGHONG INDUSTRY CO.		E26	E26	E26	E26	E26	E26	E26
2	ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG	1C*22AWG	1C*22AWG	1C*22AWG	1C*22AWG	1C*22AWG
3	PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RC301	Ø38mm	Ø38mm	Ø38mm	Ø38mm	Ø38mm	Ø38mm
4	LAMP TUBE	JIANGSU BAIBEI GROUP., LTD CHINA		SPIRAL	5/Ø7	7/Ø7	9/Ø7	11/Ø7	13/Ø7	14/Ø7
5	FUSE	MICRON ELECTRIC CO.LTD	E56291	FN112	0.47Ω	0.47Ω	0.47Ω	0.47Ω	0.47Ω	0.47Ω
6	PCB BOARD	QUANGZHOU JINTIAN ELECTRONIC CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.LTD	E239807 E105953	JFR-1 16H0/16K0	LST-CS05	LST-CS05	LST-CS05	LST-CS05	LST-CS05	LST-CS05
7	B RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		T9*5*3	Ø0.35mm 13:3:3	Ø0.35mm 11:3:3	Ø0.35mm 11:3:3	Ø0.35mm 11:3:3	Ø0.35mm 9:3:3	Ø0.35mm 9:3:3
8	D1-D4 DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V	1A/1000V	1A/1000V	1A/1000V
9	D5 DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V	1A/1000V	1A/1000V	1A/1000V
10	D6,D7 DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD			-----	-----	-----	-----	-----	-----
11	D8,D9 DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD			-----	-----	-----	-----	-----	-----
12	DB3 TRIGGER DIODE	NANJING FEILI ELECTRONIC CO.,LTD		DB3	DB3	DB3	DB3	DB3	DB3	DB3
13	R1 RESISTOR	KOMING ELECTRONICS CO.,LTD			220KΩ 1/4	220KΩ 1/4	220KΩ 1/4	220KΩ 1/4	220KΩ 1/4	220KΩ 1/4
14	R2 RESISTOR	KOMING ELECTRONICS CO.,LTD			220KΩ 1/4	220KΩ 1/4	220KΩ 1/4	220KΩ 1/4	220KΩ 1/4	220KΩ 1/4
15	R7,R8 RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----	-----	-----	-----	-----
16	R3,R5 RESISTOR	KOMING ELECTRONICS CO.,LTD			6.8Ω 1/4	6.8Ω 1/4	6.8Ω 1/4	10Ω 1/4	10Ω 1/4	10Ω 1/4
17	R4,R6 RESISTOR	KOMING ELECTRONICS CO.,LTD			JUMP WIRE	0.22Ω 1/4	0.5Ω 1/4	0.5Ω 1/4	0.22Ω 1/4	0.22Ω 1/4
18	C0 CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V	47nF/250V	47nF/250V	47nF/250V	47nF/250V
19	C1 CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELECTRONICS CO.,LTD YIYANG ZIJIANG ELECTRONIC ELEMENTS CO.,LTD NANTONG SUNION ELECTRONIC CO.,LTD.			4.7nF/200V	6.8nF/200V	6.8nF/200V	10nF/200V	10nF/200V	15nF/200V
20	C2 CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	0.47nF/1200V	1nF/1200V	1nF/1200V	1nF/1200V	1nF/1200V	1nF/1200V
21	C3 CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V	22nF/100V	22nF/100V	22nF/100V	22nF/100V	22nF/100V
22	C4 CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	33nF/250V	33nF/250V	33nF/250V	33nF/250V	33nF/250V	33nF/250V
23	C5 CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	2.2nF/1200V	2.2nF/1200V	2.2nF/1200V	2.2nF/1200V	2.2nF/1200V
24	C6 CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	0.47nF/1500V	0.47nF/1500V	0.68nF/1500V	0.68nF/1500V	0.68nF/1500V	0.68nF/1500V
25	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE12.7	EE12.7	EE12.7	EE12.7	EE13-L	EE13-L
	BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2C3-631 PBT/RC301	EE12.7	EE12.7	EE12.7	EE12.7	EE13-L	EE13-L
	MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø14*1mm	Ø0.08*3mm	Ø0.09*3mm	Ø0.09*3mm	Ø0.11*3mm	Ø0.11*3mm
26	L0 INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø5*7mm	Ø5*7mm	Ø5*7mm	Ø5*7mm	Ø5*7mm	Ø5*7mm
	MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.12mm	Ø0.12mm	Ø0.12mm	Ø0.12mm	Ø0.12mm	Ø0.12mm
27	T1,T2 TRANSISTOR	CHINA HUAJING ELECTRONIC CO.,LTD JILIN SINO-MICROELECTRONICS CO.,LTD.			2482/13002 /4120	13002/4124 /4120	13002/4124 /4120	13002/4124 /4120	13002/4124 /4120	13002/4124 /4120
28	PTC THERMAL RESIST	SHENZHEN E/CAP ELECTRONIC COMPONENTS CO.,LTD			152MU	152MU	102MU	102MU	471MU	471MU
29	A1-A4 CONNECTOR PIN	ZHENQIN ELECTRONIC CO.,LTD			1*3P	1*3P	1*3P	1*3P	1*3P	1*3P

APPLY FCC ATTESTATION FE-US-42W INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-US-42W
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS
						FE-US-42W
1		LAMP CAP	SHANGHAI XINGHONG INDUSTRY CO.		E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RG301	Ø70mm
4		LAMP TUBE	JIANGSU BAIBEI GROUP.,LTD CHINA		TOP SPIRAL	42/Ø12
5	FU	FUSE	LANSON ELECTRONICS CO.,LTD	E221465	3D/3E	2A/250VAC
6	PCB	PCB BOARD	QUANZHOU JINTIAN ELECTRON CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.LTD	E239807 E105953	JFR-1 16H0/16K0	LST-1S03
7	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		T9*5*3	Ø0.35mm 7:3:3
8	D1-D2	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N5399	1A/1000V
9	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V
10	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		-----	-----
11	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V
12	D10,D11	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V
13	DB3	TRIGGER DIODE	NANJING FEILI ELECTRONIC CO.,LTD		DB3	DB3
14	R1	RESISTOR	KOMING ELECTRONICS CO.,LTD			330K Ω 1/4
15	R2	RESISTOR	KOMING ELECTRONICS CO.,LTD			330K Ω 1/4
16	R7,R8	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----
17	R3,R5	RESISTOR	KOMING ELECTRONICS CO.,LTD			6.8Ω 1/4
18	R4,R6	RESISTOR	KOMING ELECTRONICS CO.,LTD			1Ω 1/4
19	C0,C01	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	100nF/250V
20	C1	CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELETRONICS CO.,LTD YIYANG ZIJANG ELECTRONIC ELEMENTS CO.,LTD NANTONG SUNION ELECTRONIC CO.,LTD.			33uF/200V
21	C2	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V
22	C3	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V
23	C4	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	100nF/250V
24	C5	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD			-----
25	C6	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	12nF/630V
26	L	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE25
		BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2C3-631 PBT/RG301	EE25
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.15*8mm
27	L0	INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø10*12mm
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.35mm
28	T1,T2	TRANSISTOR	CHINA HUAJING ELECTRONIC CO.,LTD JILIN SINO—MICROELECTRONICS CO.,LTD.			13007
29	A1~A4	CONNECTOR PIN	ZHENQIN ELECTRONIC CO.,LTD			1*3P

APPLY FCC ATTESTATION FE-US-15WA INFORMATION

MANUFACTURER	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-US-15WA
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS
						FE-US-15WA
1		LAMP CAP	SHANGHAI XINGHONG INDUSTRY CO.		E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PET/RG301	Ø41mm
4		LAMP TUBE	JIANGSU BAIBEI GROUP.,LTD CHINA		TOP SPIRAL	15/Ø9
5	FU	FUSE	MICRON ELECTRIC CO.LTD	E56291	FN112	0.47* *
6	PCB	PCB BOARD	QUANZHOU JINTIAN ELECTRON CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.LTD	E239807 E105953	JFR-1 16H0/16K0	LST-RS07
7	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		T9*5*3	Ø0.35mm 6:3:3
8	D1-D4	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V
9	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V
10	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		FR104	1A/600V
11	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		• • • • •	• •

APPLY FCC ATTESTATION FE-US-8,12,13W INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-US-8,12,13W
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS		
						FE-US-8W	FE-US-12W	FE-US-13W
1		LAMP CAP	SHANGHAI XINGHONG INDUSTRY CO.		E26	E26	E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG	1C*22AWG	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RG301	Ø38mm	Ø38mm	Ø38mm
4		LAMP TUBE	JIANGSU BAIBEI GROUP., LTD CHINA		TOP SPIRAL	8/Ø7	12/Ø7	13/Ø7
5	FU	FUSE	MICRON ELECTRIC CO.,LTD	E56291	FN112	0.47 •	0.47Ω	0.47Ω
6	PCB	PCB BOARD	QUANZHOU JINTIAN ELECTRONIC CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.,LTD	E239807 E105953	JFR-1 16H0/16K0	LST- CS05	LST- CS05	LST- CS05
7	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		T9 *5*3	Ø0.35mm 11:3:3	Ø0.35mm 9:3:3	Ø0.35mm 9:3:3
8	D1-D4	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
9	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
10	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		• • • •	• • • •	• • • •	• • • • • • • •
11	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		• • • •	• • • •	• • • •	• • • • • • • •
12	DB3	TRIGGER DIODE	NANJING FEILI ELECTRONIC CO.,LTD		DB3	DB3	DB3	DB3
13	R1	RESISTOR	KOMING ELECTRONICS CO.,LTD			220K• ±1/4	220K• ±1/4	220K• ±1/4
14	R2	RESISTOR	KOMING ELECTRONICS CO.,LTD			220K• ±1/4	220K• ±1/4	220K• ±1/4
15	R7,R8	RESISTOR	KOMING ELECTRONICS CO.,LTD			• • • •	• • • •	• • • • • • • •
16	R3,R5	RESISTOR	KOMING ELECTRONICS CO.,LTD			10• ±1/4	10• ±1/4	10• ±1/4
17	R4,R6	RESISTOR	KOMING ELECTRONICS CO.,LTD			0.22• ±1/4	0.22• ±1/4	0.22• ±1/4
18	C0	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	33nF/250V	47nF/250V	47nF/250V
19	C1	CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELECTRONICS CO.,LTD YIYANG ZIJIANG ELECTRONIC ELEMENTS CO.,LTD NANTONG SUNION ELECTRONIC CO.,LTD.			6.8uF/200V	10uF/200V	10uF/200V
20	C2	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	0.68nF/1200V	1nF/1200V	1nF/1200V
21	C3	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V	22nF/100V	22nF/100V
22	C4	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	33nF/250V	33nF/250V	33nF/250V
23	C5	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1.5nF/1200V	2.2nF/1200V	2.2nF/1200V
24	C6	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	0.68nF/1500V	0.68nF/1500V	0.68nF/1500V
25	L	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE12.7	EE13-L	EE13-L
		BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2 C3-631 PBT/RG301	EE12.7	EE13-L	EE13-L
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.14x1mm	Ø0.11x3mm	Ø0.11x3mm
26	L0	INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø5*7mm	Ø5*7mm	Ø5*7mm
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.12mm	Ø0.12mm	Ø0.12mm
27	T1,T2	TRANSISTOR	CHINA HUAJING ELECTRONIC CO.,LTD JILIN SINO-MICRO ELECTRONICS CO.,LTD			13002/4124 /4120	13002/4124 /4120	13002/4124 /4120
28	PTC	THERMAL RESISTOR	SHENZHEN E/CAP ELECTRONIC COMPONENTS CO.,LTD			471MU	102MU	102MU
29	A1-A4	CONNECTOR PIN	ZHENQIN ELECTRONIC CO.,LTD			1*3P	1*3P	1*3P

APPLY FCC ATTESTATION FE-G16-5,7W INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-G16-5,7W
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS	
						FE-G16-5W	FE-G16-7W
1		LAMP CAP	SHANGHAI XINGHONG INDUSTRY CO.		E26	E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RG301	Ø39mm	Ø39mm
4		CRYSTAL BULB	JIANGSU DANYANG AOWEI INDUSTRIAL CO.,LTD.		COLUMN	Ø35.8mm H57.4mm	Ø35.8mm H57.4mm
5		LAMP TUBE	JIANGSU BAIBEI GROUP.,LTD CHINA		SPIRAL	5/Ø7	7/Ø7
6	FU	FUSE	LANSON ELECTRONICS CO.,LTD	E221465	3D/3E	0.5A/250VAC	0.5A/250VAC
7	PCB	PCB BOARD	QUANZHOU JINTIAN ELECTRONIC CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.,LTD	E239807 E105953	JFR-1 16H0/16K0	LST-GU02	LST-GU02
8	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		Ø8*5*3	Ø0.35mm 18:3:3	Ø0.35mm 15:3:3
9	D1-D4	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V
10	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V
11	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD			-----	-----
12	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD			-----	-----
13	DB3	TRIGGER DIODE	NANJING FEILI ELECTRONIC CO.,LTD		DB3	DB3	DB3
14	R1	RESISTOR	KOMING ELECTRONICS CO.,LTD			220KΩ 1/4	220KΩ 1/4
15	R2	RESISTOR	KOMING ELECTRONICS CO.,LTD			220KΩ 1/4	220KΩ 1/4
16	R7,R8	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----
17	R3,R5	RESISTOR	KOMING ELECTRONICS CO.,LTD			6.8Ω 1/4	6.8Ω 1/4
18	R4,R6	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----
19	C0	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V
20	C1	CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELECTRONICS CO.,LTD YIYANG ZIJIANG ELECTRONIC ELEMENTS CO.,LTD NANTONG SUNON ELECTRONIC CO.,LTD.			4.7nF/200V	6.8nF/200V
21	C2	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	1nF/1200V
22	C3	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V	22nF/100V
23	C4	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V
24	C5	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1.5nF/1200V	2.2nF/1200V
25	C6	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	1.5nF/1200V
26	L	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE10	EE10
		BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2C3-631 PBT/RG301	EE10	EE10
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.18*1mm	Ø0.21*3mm
27	L0	INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø5*7mm	Ø5*7mm
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.12mm	Ø0.12mm
28	T1,T2	TRANSISTOR	CHINA HUAJING ELECTRONIC CO.,LTD JILIN SINO—MICROELECTRONICS CO.,LTD.			13002/4120 /4124	13002/4120 /4124
29	PTC	THERMAL RESISTO	SHENZHEN/CAP ELECTRONIC COMPONENTS CO.,LTD			152MU	152MU
30	A1~A4	CONNECTOR PIN	ZHENQINELECTRONIC CO.,LTD			1*3P	1*3P

APPLY FCC ATTESTATION FE-GU-9,11,14W INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-GU-9,11,14W
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS		
						FE-GU-9W	FE-GU-11W	FE-GU-14W
1		LAMP CAP	SHANGHAI XINCHONG INDUSTRY CO.		E26	E26	E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG	1C*22AWG	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RG301	Ø43mm	Ø43mm	Ø43mm
4		CRYSTAL BULB	JIANGSU DANYANG AOWEI INDUSTRIAL CO.,LTD.		COLUMN	Ø43mm H77.5.5mm	Ø43mm H80.5mm	Ø43mm H83.5mm
5		LAMP TUBE	JIANGSU BAIBEI GROUP.,LTD CHINA		SPIRAL	9/Ø9	11/Ø9	14/Ø9
6	FU	FUSE	LANSON ELECTRONICS CO.,LTD	E221465	3D/3E	1A/250VAC	1A/250VAC	1A/250VAC
7	PCB	PCB BOARD	QUANGZHOU JINTIAN ELECTRONIC CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.,LTD	E239807 E105953	JFR-1 16H016K0	LST-GU01	LST-GU01	LST-GU01
8	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		T9*5*3	Ø0.35mm 11:3:3	Ø0.35mm 9:3:3	Ø0.35mm 7:3:3
9	D1-D4	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
10	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
11	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	-----	-----	1A/1000V
12	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD			-----	-----	-----
13	DB3	TRIGGER DIODE	NANJING FEILI ELECTRONIC CO.,LTD		DB3	DB3	DB3	DB3
14	R1	RESISTOR	KOMING ELECTRONICS CO.,LTD			220K Ω 1/4	220K Ω 1/4	220K Ω 1/4
15	R2	RESISTOR	KOMING ELECTRONICS CO.,LTD			220K Ω 1/4	220K Ω 1/4	220K Ω 1/4
16	R7,R8	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----	-----
17	R3,R5	RESISTOR	KOMING ELECTRONICS CO.,LTD			15Ω 1/4	15Ω 1/4	10 1/4
18	R4,R6	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----	-----
19	C0	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V	47nF/250V
20	C1	CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELECTRONICS CO.,LTD YIYANG ZUIJANG ELECTRONIC ELEMENTS CO.,LTD NANTONG SUNION ELECTRONIC CO.,LTD			6.8uF/200V	10uF/200V	15uF/200V
21	C2	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	1nF/1200V	1nF/1200V
22	C3	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V	22nF/100V	22nF/100V
23	C4	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V	47nF/250V
24	C5	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	2.7nF/1200V	2.7nF/1200V	2.7nF/1500V
25	C6	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	2.2nF/1200V	2.2nF/1200V	2.7nF/1500V
26	L	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE13	EE13	EE13
		BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2C3-631 PBT/RG301	EE13	EE13	EE13
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.14*3mm	Ø0.14*3mm	Ø0.15*3mm
27	L0	INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø5*7mm	Ø5*7mm	Ø5*7mm
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.12mm	Ø0.12mm	Ø0.12mm
28	T1,T2	TRANSISTOR	CHINA HUAJING ELECTRONIC CO.,LTD JILIN SINO-MICROELECTRONICS CO.,LTD			13002/4124 /4120	13002/4124 /4120	13002/4124 /4120
29	PTC	THERMAL RESISTOR	SHENZHEN E/CAP ELECTRONIC COMPONENTS CO.,LTD			102MU	102MU	471MU
30	A1-A4	CONNECTOR PIN	ZHENQIN ELECTRONIC CO.,LTD			1*3P	1*3P	1*3P

APPLY FCC ATTESTATION FE-GU-5,7W INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-GU-5,7W
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS	
						FE-GU-5W	FE-GU-7W
1		LAMP CAP	SHANGHAI XINGHONG INDUSTRY CO.		E26	E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINFAC SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RG301	Ø39mm	Ø39mm
4		CRYSTAL BULB	JIANGSUDANYANG AOWEI INDUSTRIAL CO.,LTD.		COLUMN	Ø39mm H52mm	Ø39mm H58mm
5		LAMP TUBE	JIANGSU BAIBEI GROUP.,LTD CHINA		SPIRAL	5/Ø7	7/Ø7
6	FU	FUSE	LANSON ELECTRONICS CO.,LTD	E221465	3D/3E	0.5A/250VAC	0.5A/250VAC
7	PCB	PCB BOARD	QUANGZHOU JINTIAN ELECTRONIC CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.,LTD	E239807 E105953	JFR-1 16H0/16K0	LST-GU02	LST-GU02
8	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		Ø8*5*3	Ø0.35mm 18:3:3	Ø0.35mm 15:3:3
9	D1-D4	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V
10	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V
11	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD			-----	-----
12	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD			-----	-----
13	DB3	TRIGGER DIODE	NANJING FELI ELECTRONIC CO.,LTD		DB3	DB3	DB3
14	R1	RESISTOR	KOMING ELECTRONICS CO.,LTD			220KΩ 1/4	220KΩ 1/4
15	R2	RESISTOR	KOMING ELECTRONICS CO.,LTD			220KΩ 1/4	220KΩ 1/4
16	R7,R8	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----
17	R3,R5	RESISTOR	KOMING ELECTRONICS CO.,LTD			6.8Ω 1/4	6.8Ω 1/4
18	R4,R6	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----
19	C0	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V
20	C1	CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELECTRONICS CO.,LTD YIYANG ZIJIANG ELECTRONIC ELEMENTS CO.,LTD NANTONG SUNION ELECTRONIC CO.,LTD			4.7nF/200V	6.8nF/200V
21	C2	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	1nF/1200V
22	C3	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V	22nF/100V
23	C4	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	47nF/250V	47nF/250V
24	C5	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1.5nF/1200V	2.2nF/1200V
25	C6	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	1.5nF/1200V
26	L	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE10	EE10
		BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINFAC SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2C3-631 PBT/RG301	EE10	EE10
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.18*1mm	Ø0.21*1mm
27	L0	INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø5*7mm	Ø5*7mm
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.12mm	Ø0.12mm
28	T1,T2	TRANSISTOR	CHINA HUATING ELECTRONIC CO.,LTD JILIN SINO-MICROELECTRONICS CO.,LTD.			13002/4120 /4124	13002/4120 /4124
29	PTC	THERMAL RESISTOR	SHENZHEN/CAPELECTRONIC COMPONENTS CO.,LTD			152MU	152MU
30	A1-A4	CONNECTOR PIN	ZHENQIN ELECTRONIC CO.,LTD			1*3P	1*3P

APPLY FCC ATTESTATION FE-IS-36,40,42W INFORMATION

APPLICANT	XIAMEN LONGSTAR LIGHTING CO.,LTD.
PRODUCT	ENERGY SAVING LAMP
MODEL	FE-IS-36,40,42W
DATE	2006/8/25

COMPONENTS			MANUFACTURER	FILE NO.	MODEL	RATINGS		
						FE-IS-36W	FE-IS-40W	FE-IS-42W
1		LAMP CAP	SHANGHAI XINGHONG INDUSTRY CO.		E26	E26	E26	E26
2		ELECTRICAL WIRE	SHENZHEN QIFURUI ELECTRONICS CO.,LTD XINYA ELECTRONIC CO.,LTD	E211048 E170689	1569	1C*22AWG	1C*22AWG	1C*22AWG
3		PLASTIC PIECE	GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E171666	PBT/RG301	Ø60mm	Ø60mm	Ø60mm
4		LAMP TUBE	JIANGSU BAIBEI GROUP., LTD CHINA		TOP SPIRAL	36/Ø12	40/Ø12	42/Ø12
5	FU	FUSE	LANSON ELECTRONICS CO.,LTD	E221465	3D/3E	2A/250VAC	2A/250VAC	2A/250VAC
6	PCB	PCB BOARD	QUANZHOU JINTIAN ELECTRON CIRCUIT BOARD CO.,LTD XIAMEN OVERSEAS CHINESE ELECTRONIC CO.,LTD	E239807 E105953	JFR-1 16H016K0	LST-IS02	LST-IS02	LST-IS02
7	B	RING MAGNET	MAGSOURCE ELECTRONIC CO.,LTD ZHAO QING GUANG DONG		T9*5*3	Ø0.35mm 9:3:3	Ø0.35mm 7:3:3	Ø0.35mm 7:3:3
8	D1-D2	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N5399	1A/1000V	1A/1000V	1A/1000V
9	D5	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
10	D6,D7	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		-----	-----	-----	-----
11	D8,D9	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
12	D10,D11	DIODE	ZHANGZHOU ZHONGRONG INDUSTRIAL & TRADING CO.,LTD		1N4007	1A/1000V	1A/1000V	1A/1000V
13	DB3	TRIGGER DIODE	NANJING FEILI ELECTRONIC CO.,LTD		DE3	DE3	DE3	DE3
14	R1	RESISTOR	KOMING ELECTRONICS CO.,LTD			330K □ 1/4	330K □ 1/4	330K □ 1/4
15	R2	RESISTOR	KOMING ELECTRONICS CO.,LTD			330K □ 1/4	330K □ 1/4	330K □ 1/4
16	R7,R8	RESISTOR	KOMING ELECTRONICS CO.,LTD			-----	-----	-----
17	R3,R5	RESISTOR	KOMING ELECTRONICS CO.,LTD			68 □ 1/4	10 □ 1/4	10 □ 1/4
18	R4,R6	RESISTOR	KOMING ELECTRONICS CO.,LTD			1 □ 1/4	1 □ 1/4	1 □ 1/4
19	C0	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	100nF/250V	100nF/250V	100nF/250V
20	C1	CAPACITOR	JIANHAI CAPACITOR CO.,LTD OR ZHAOQING HONGYI ELECTRONICS CO.,LTD YIYANG ZIJIANG ELECTRONIC ELEMENTS CO.,LTD NANTONG SUNION ELECTRONIC CO.,LTD			33uF/200V	33uF/200V	33uF/200V
21	C2	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	1nF/1200V	1nF/1200V	1nF/1200V
22	C3	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CL11	22nF/100V	22nF/100V	22nF/100V
23	C4	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD INNER MONGOLIA YUANHUA ELECTRONIC CO.,LTD		CL21	100nF/250V	100nF/250V	100nF/250V
24	C5	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD			-----	-----	-----
25	C6	CAPACITOR	CHANGXING ZHEJIANG HUAQIANG ELECTRON CO.,LTD		CBB11	10nF/630V	12nF/630V	12nF/630V
26	L	MAGNETIC INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			EE19/10	EE19/10	EE19/10
		BOBBIN	SHANGHAI TWIN-TREE PLASTICS FACTORY GUANGZHOU KINGFA SCIENCE & TECHNOLOGY CO.,LTD	E106276(S) E171666	PF2C3-631 PBT/RG301	EE19/10	EE19/10	EE19/10
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.17X5mm	Ø0.17X5mm	Ø0.18X5mm
27	L0	INDUCTANCE	XIAMEN COLLS ELECTRONIC CO.,LTD			Ø10*12mm	Ø10*12mm	Ø10*12mm
		MAGNET WIRE	GUANGDONG RONSEN SUPER	E164502(R)	MW79	Ø0.35mm	Ø0.35mm	Ø0.35mm
28	T1,T2	TRANSISTOR	CHINA HUAJING ELECTRONIC CO.,LTD JILIN SINO-MICROELECTRONICS CO.,LTD.			13005	13007	13007
29	A1~A4	CONNECTOR PIN	ZHENQIN ELECTRONIC CO.,LTD			1*3P	1*3P	1*3P

1.2. Test Facility

Site Description

- 3m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 90454
Aug. 15, 2003
- 3m & 10m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 794232
Mar. 15, 2004
- EMC Lab. : Certificated by DATech, German
Registration Number: DAT-P-091/99-01
Feb. 02, 2004
- Certificated by NVLAP, USA
NVLAP Code: 200372-0
Apr.01 2006
- Certificated by Nemko, Norway
Aut. No.: ELA135
April. 22, 2004
- Certificated by Industry Canada
Registration Number: IC 5183
Jul. 28, 2004
- Name of Firm : Audix Technology (Shenzhen) Co., Ltd.
- Site Location : No. 6, Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

1.3. Measurement Uncertainty

No.	Item	Uncertainty	Remark
1.	Uncertainty for Conducted Emission Test	1.22dB	
2.	Uncertainty for Radiated Emission Test	3.14dB	3m Chamber
3.	Uncertainty for Radiated Emission Test	3.18dB	10m Chamber
4.	Uncertainty for Power Clamp Test	1.38dB	

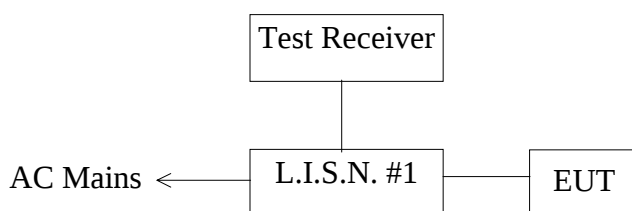
2. POWER LINE CONDUCTED EMISSION TEST

2.1. Test Equipment

The following test equipments are used during the power line conducted emission test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS10	838693/001	May 15, 06	1 Year
2.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	May 15, 06	1 Year
3.	Terminator	Hubersuhner	50Ω	No. 1	May 15, 06	1 Year
4.	RF Cable	MIYAZAKI	5D-2W	LISN Cable 1#	Aug.16, 06	1/2 Year
5.	Coaxial Switch	Anritsu	MP59B	M55367	Aug.16, 06	1/2 Year
6.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100340	Aug.16, 06	1/2 Year

2.2. Block Diagram of Test Setup



(EUT: Energy Save Lamp)⁴

2.3. Power Line Conducted Emission Test Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
450kHz ~ 2.51kHz	48	N/A
2.51kHz ~ 3MHz	70	N/A
3MHz ~ 30MHz	48	N/A

Notes: 1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

2.4. Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

2.4.1. Energy Save Lamp (EUT)

Model Number : FE-GU-14W/FE-IISB-14W/FE-US-13W/
FE-R20-14WA/FE-G16-7W/FE-G16-7W/
FE-IS-42W/FE-ISL-45W
Serial Number : N/A
Manufacturer : Xiamen Longstar Lighting Co., Ltd

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown on Section 2.2..

2.5.2. Turn on the power of all equipment.

2.5.3. Let the EUT work in test mode (ON) and test it.

2.6. Test Procedure

The EUT is connected to the power mains through a line impedance stabilization network (L.I.S.N.#1). This provides a 50 ohm coupling impedance for the EUT. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission levels. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4-2003 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS10) is set at 10kHz.

The frequency range from 450kHz to 30MHz is checked.

The test result are reported on Section 2.7, all the scanning waveforms for Conducted Emission Test are attached in Appendix I.

2.7. Power Line Conducted Emission Test Results

PASS.

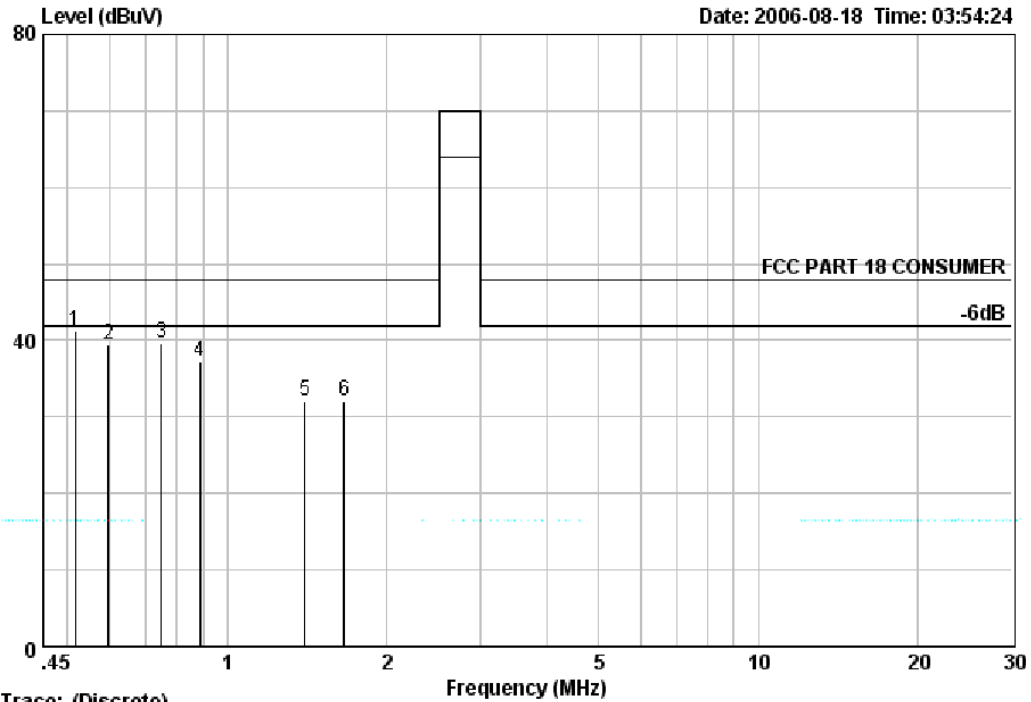
The frequency range from 450kHz to 30 MHz is investigated.
All emissions not reported below are too low against the prescribed limits.



Data: 8

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 03:54:24



Trace: (Discrete)

Site : Audix No.1 Conduction

Condition : FCC PART 18 CONSUMER VA KNW-407

EUT : Energy Save Lamp

M/N : FE-ISL-45W

OP Conduction : ON

Test Spec : AC 120V/60Hz

Test Engineer : SECO

Comment : Temp:23° Humi:54%

Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.52	41.22	48.00	-6.78	30.66	10.14	0.42	QP
2	0.60	39.44	48.00	-8.56	28.93	10.12	0.39	QP
3	0.75	39.71	48.00	-8.29	29.22	10.14	0.35	QP
4	0.89	37.19	48.00	-10.81	26.72	10.13	0.34	QP
5	1.40	32.02	48.00	-15.98	21.52	10.17	0.33	QP
6	1.66	31.98	48.00	-16.02	21.49	10.17	0.32	QP

1. Emission Level= LISN Factor + Cable Loss + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

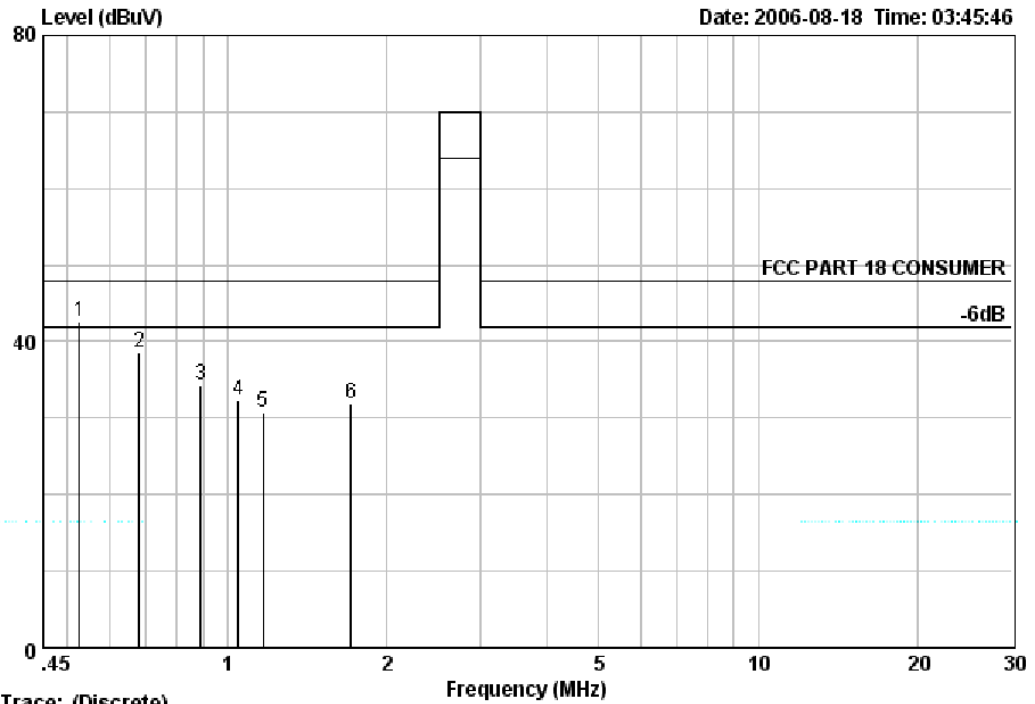


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 6

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 03:45:46



Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER.VB KNW-407
EUT : Energy Save Lamp
M/N : FE-ISL-45W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.53	42.46	48.00	-5.54	31.91	10.13	0.42	QP
2	0.68	38.55	48.00	-9.45	28.05	10.13	0.37	QP
3	0.89	34.30	48.00	-13.70	23.83	10.13	0.34	QP
4	1.05	32.40	48.00	-15.60	21.91	10.16	0.33	QP
5	1.17	30.72	48.00	-17.28	20.23	10.16	0.33	QP
6	1.71	31.97	48.00	-16.03	21.49	10.16	0.32	QP

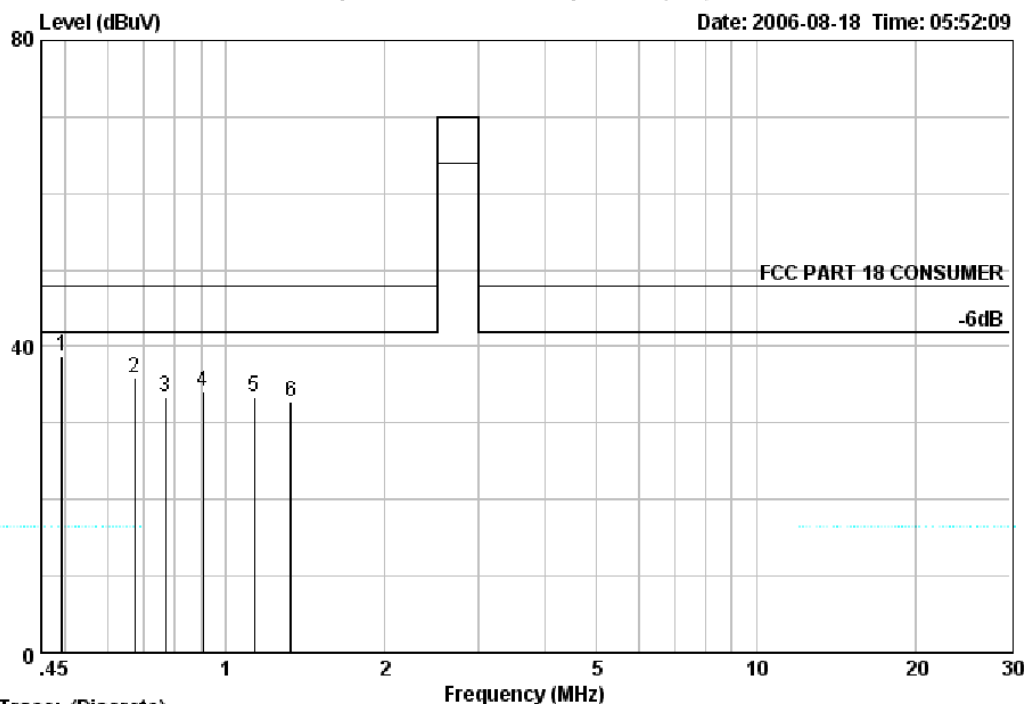
1. Emission Level= LISN Factor + Cable Loss + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Data: 32

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 05:52:09



Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VA KNW-407
 EUT : Energy Save Lamp
 M/N : FE-R20-14WA
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23° Humi:54%
 Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss Factor	dB	dB
1	0.49	38.71	48.00	-9.29	28.31	10.14	0.26	QP
2	0.68	35.98	48.00	-12.02	25.62	10.13	0.23	QP
3	0.77	33.47	48.00	-14.53	23.11	10.14	0.22	QP
4	0.91	34.16	48.00	-13.84	23.81	10.13	0.22	QP
5	1.13	33.40	48.00	-14.60	23.03	10.16	0.21	QP
6	1.33	32.66	48.00	-15.34	22.28	10.17	0.21	QP

- Emission Level= LISN Factor + Cable Loss + Reading.
- If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

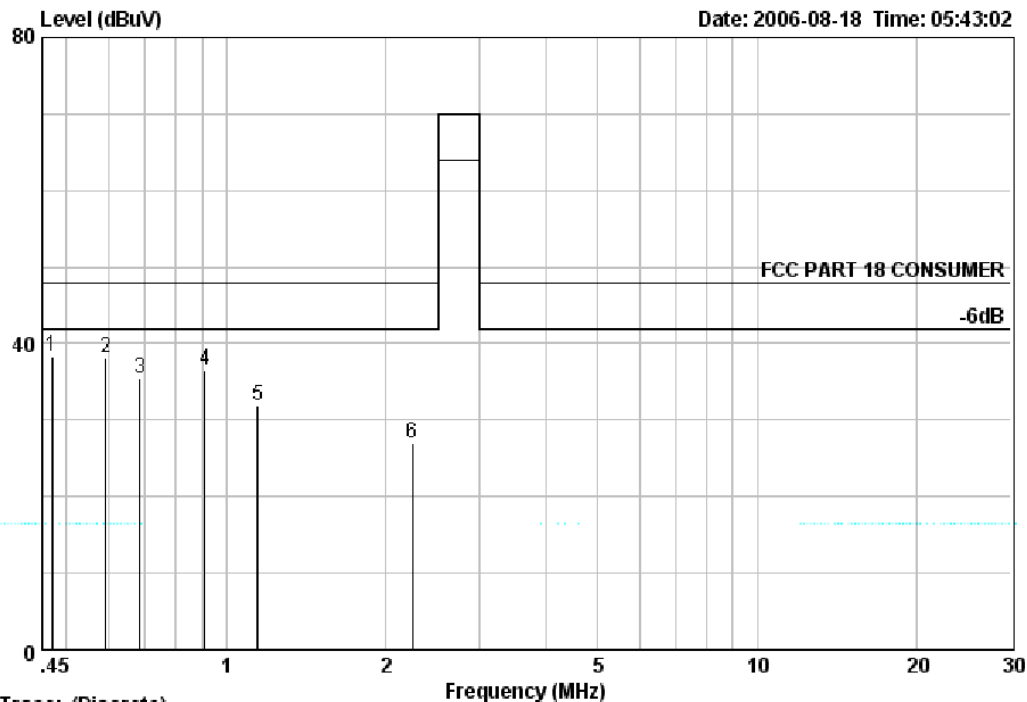


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 30

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 05:43:02



Trace: (Discrete)

Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER.VB KNW-407
EUT : Energy Save Lamp
M/N : EE-R20-14WA
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	Remark
1	0.47	38.41	48.00	-9.59	27.73	10.13	0.55	QP
2	0.59	38.07	48.00	-9.93	27.49	10.12	0.46	QP
3	0.69	35.42	48.00	-12.58	24.87	10.13	0.42	QP
4	0.91	36.65	48.00	-11.35	26.15	10.13	0.37	QP
5	1.15	31.93	48.00	-16.07	21.43	10.16	0.34	QP
6	2.24	27.04	48.00	-20.96	16.57	10.16	0.31	QP

- Emission Level= LISN Factor + Cable Loss + Reading.
- If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

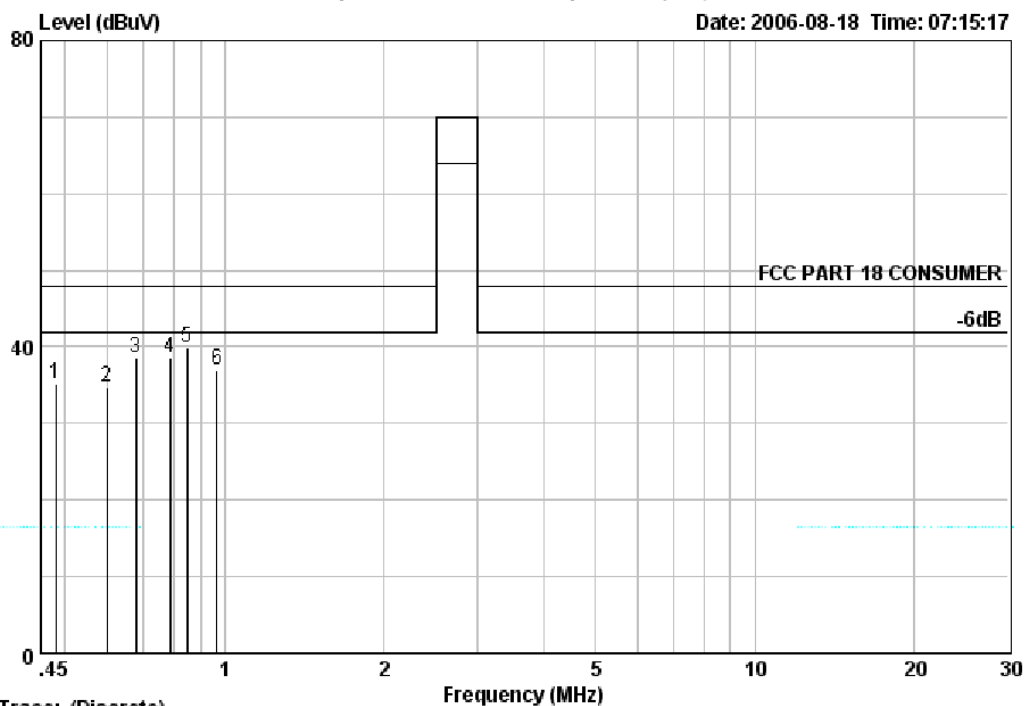


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 50

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 07:15:17



Trace: (Discrete)

Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VA KNW-407
EUT : Energy Save Lamp
M/N : FE-IISB-14W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23' Humi:54%
Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss Factor	Remark	
			dBuV	dB	dBuV	dB	dB	
1	0.48	35.26	48.00	-12.74	24.87	10.13	0.26	QP
2	0.60	34.72	48.00	-13.28	24.36	10.12	0.24	QP
3	0.68	38.54	48.00	-9.46	28.18	10.13	0.23	QP
4	0.79	38.60	48.00	-9.40	28.24	10.14	0.22	QP
5	0.85	39.83	48.00	-8.17	29.48	10.13	0.22	QP
6	0.97	37.06	48.00	-10.94	26.73	10.12	0.21	QP

5. Emission Level= LISN Factor + Cable Loss + Reading.

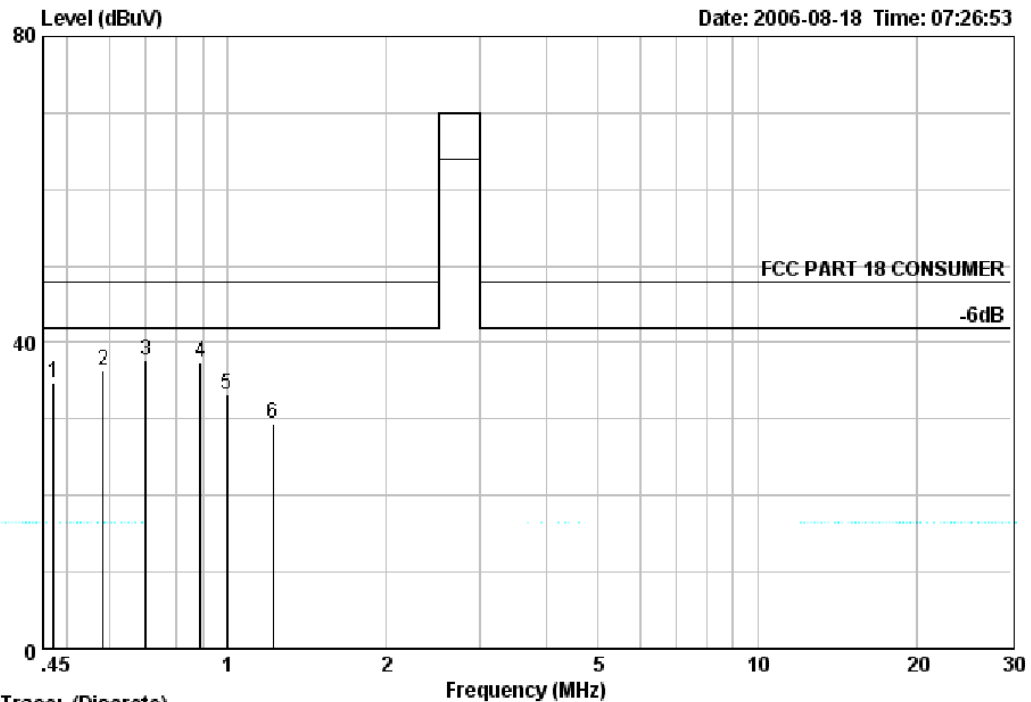
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Data: 52

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 07:26:53



Trace: (Discrete)

Site : Audix No.1 Conduction

Condition : FCC PART 18 CONSUMER VB KNW-407

EUT : Energy Save Lamp

M/N : FE-IISB-14W

OP Conduction : ON

Test Spec : AC 120V/60Hz

Test Engineer : SECO

Comment : Temp:23° Humi:54%

Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.47	34.74	48.00	-13.26	24.06	10.13	0.55	QP
2	0.58	36.35	48.00	-11.65	25.76	10.12	0.47	QP
3	0.70	37.69	48.00	-10.31	27.14	10.14	0.41	QP
4	0.89	37.38	48.00	-10.62	26.88	10.13	0.37	QP
5	1.00	33.11	48.00	-14.89	22.61	10.15	0.35	QP
6	1.22	29.34	48.00	-18.66	18.84	10.16	0.34	QP

1. Emission Level= LISN Factor + Cable Loss + Reading.

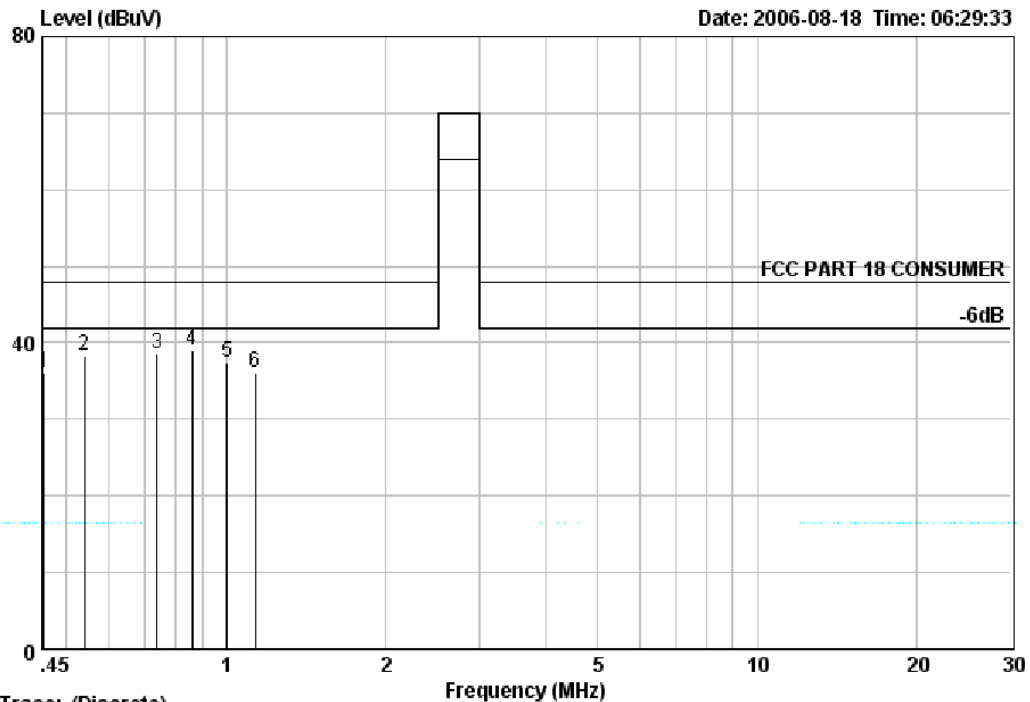
6. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Data: 40

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 06:29:33



Trace: (Discrete)

Site : Audix No.1 Conduction

Condition : FCC PART 18 CONSUMER VA KNW-407

EUT : Energy Save Lamp

M/N : FE-US-42W

OP Conduction : ON

Test Spec : AC 120V/60Hz

Test Engineer : SECO

Comment : Temp:23° Humi:54%

Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss Factor	Remark	
			dBuV	dB	dBuV	dB	dB	
1	0.45	36.11	48.00	-11.89	25.71	10.12	0.28	QP
2	0.54	38.33	48.00	-9.67	27.95	10.13	0.25	QP
3	0.74	38.64	48.00	-9.36	28.27	10.14	0.23	QP
4	0.86	39.05	48.00	-8.95	28.70	10.13	0.22	QP
5	1.00	37.44	48.00	-10.56	27.08	10.15	0.21	QP
6	1.13	36.12	48.00	-11.88	25.75	10.16	0.21	QP

7. Emission Level= LISN Factor + Cable Loss + Reading.

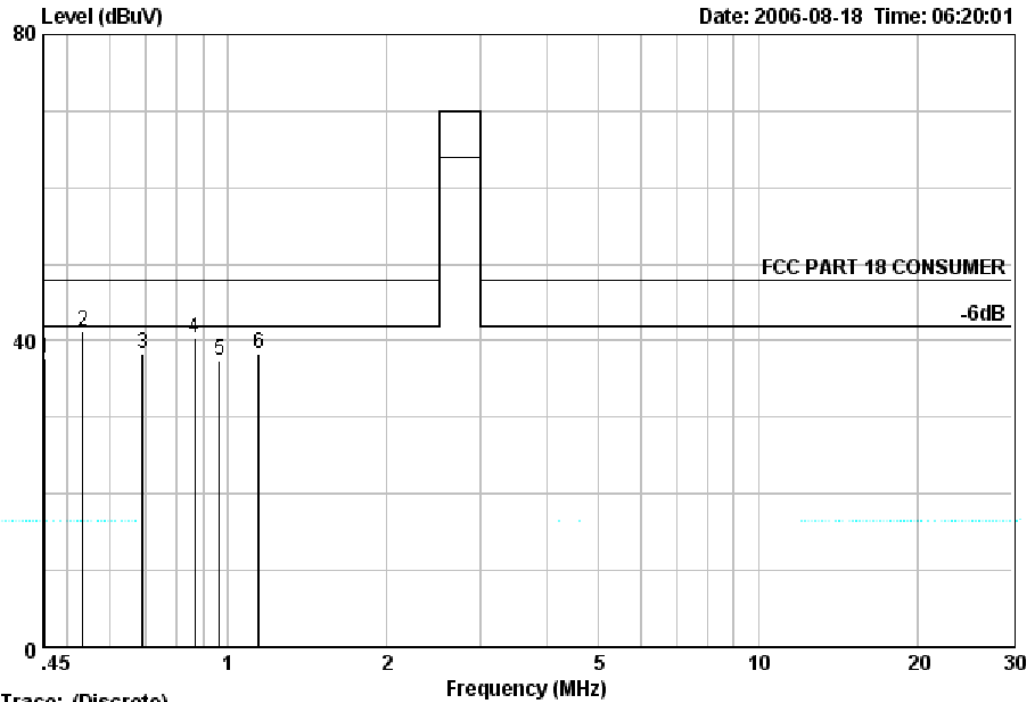
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Data: 38

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 06:20:01



Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VB KNW-407
 EUT : Energy Save Lamp
 M/N : FE-US-42W
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23° Humi:54%
 Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.45	37.66	48.00	-10.34	26.97	10.12	0.57	QP
2	0.54	41.17	48.00	-6.83	30.54	10.13	0.50	QP
3	0.69	38.35	48.00	-9.65	27.80	10.13	0.42	QP
4	0.87	40.43	48.00	-7.57	29.93	10.13	0.37	QP
5	0.97	37.47	48.00	-10.53	26.99	10.12	0.36	QP
6	1.14	38.39	48.00	-9.61	27.89	10.16	0.34	QP

1. Emission Level= LISN Factor + Cable Loss + Reading.

8. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

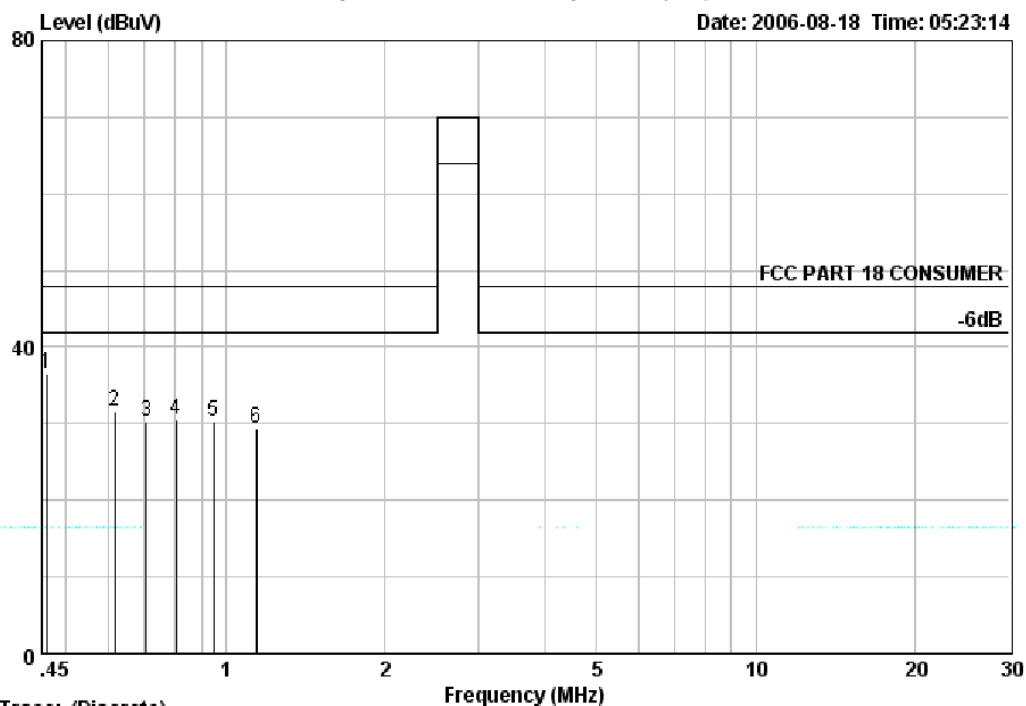


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 26

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 05:23:14



Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VA KNW-407
 EUT : Energy Save Lamp
 M/N : FE-G16-7W
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23' Humi:54%
 Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss Factor	Remark	
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.46	36.58	48.00	-11.42	26.18	10.12	0.28	QP
2	0.62	31.58	48.00	-16.42	21.22	10.12	0.24	QP
3	0.71	30.35	48.00	-17.65	19.98	10.14	0.23	QP
4	0.81	30.43	48.00	-17.57	20.08	10.13	0.22	QP
5	0.95	30.27	48.00	-17.73	19.94	10.12	0.21	QP
6	1.14	29.38	48.00	-18.62	19.01	10.16	0.21	QP

9. Emission Level= LISN Factor + Cable Loss + Reading.

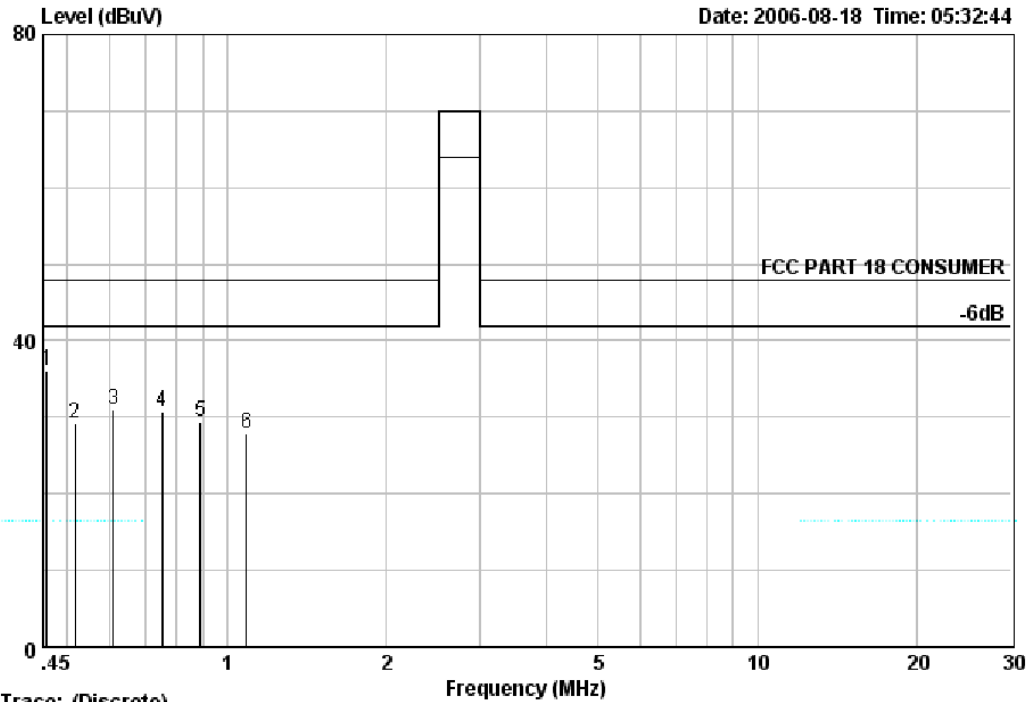
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Data: 28

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 05:32:44



Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VB KNW-407
 EUT : Energy Save Lamp
 M/N : FE-Q16-7W
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23' Humi:54%
 Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.46	36.00	48.00	-12.00	25.32	10.12	0.56	QP
2	0.52	29.21	48.00	-18.79	18.56	10.14	0.51	QP
3	0.61	31.05	48.00	-16.95	20.48	10.12	0.45	QP
4	0.75	30.67	48.00	-17.33	20.13	10.14	0.40	QP
5	0.89	29.46	48.00	-18.54	18.96	10.13	0.37	QP
6	1.09	27.96	48.00	-20.04	17.45	10.16	0.35	QP

1. Emission Level= LISN Factor + Cable Loss + Reading.

10. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

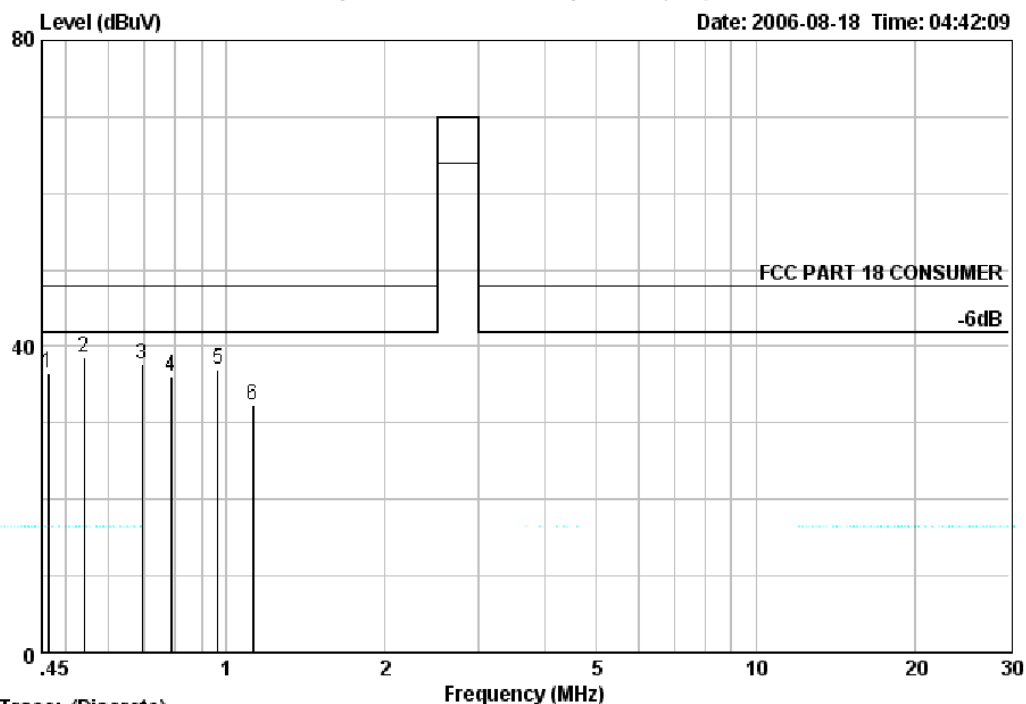


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 18

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 04:42:09



Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VA KNW-407
 EUT : Energy Save Lamp
 M/N : FE-GU-14W
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23' Humi:54%
 Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.46	36.64	48.00	-11.36	26.23	10.13	0.28	QP
2	0.54	38.46	48.00	-9.54	28.08	10.13	0.25	QP
3	0.70	37.65	48.00	-10.35	27.29	10.13	0.23	QP
4	0.79	36.00	48.00	-12.00	25.64	10.14	0.22	QP
5	0.97	37.00	48.00	-11.00	26.67	10.12	0.21	QP
6	1.12	32.42	48.00	-15.58	22.05	10.16	0.21	QP

11. Emission Level= LISN Factor + Cable Loss + Reading.

2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

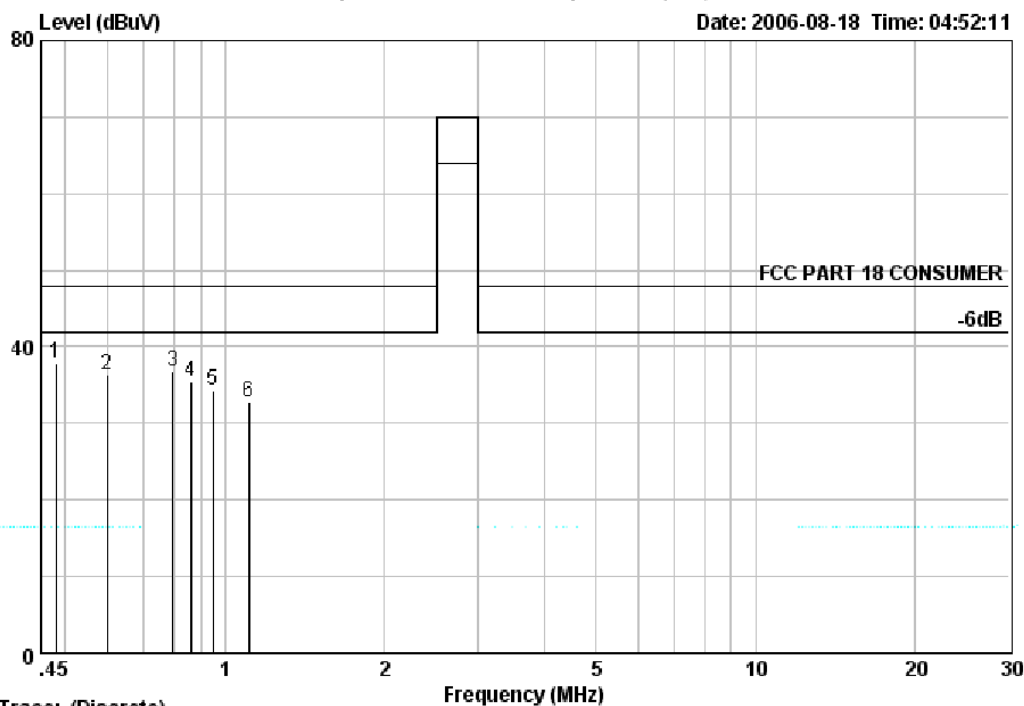


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 20

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 04:52:11



Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VE KNW-407
EUT : Energy Save Lamp
M/N : FE-GU-14W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp.23' Humi.54%
Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.48	37.89	48.00	-10.11	27.22	10.13	0.54	QP
2	0.60	36.42	48.00	-11.58	25.84	10.12	0.46	QP
3	0.80	36.70	48.00	-11.30	26.17	10.14	0.39	QP
4	0.86	35.37	48.00	-12.63	24.86	10.13	0.38	QP
5	0.95	34.36	48.00	-13.64	23.88	10.12	0.36	QP
6	1.11	32.69	48.00	-15.31	22.19	10.16	0.34	QP

1. Emission Level= LISN Factor + Cable Loss + Reading.

12. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

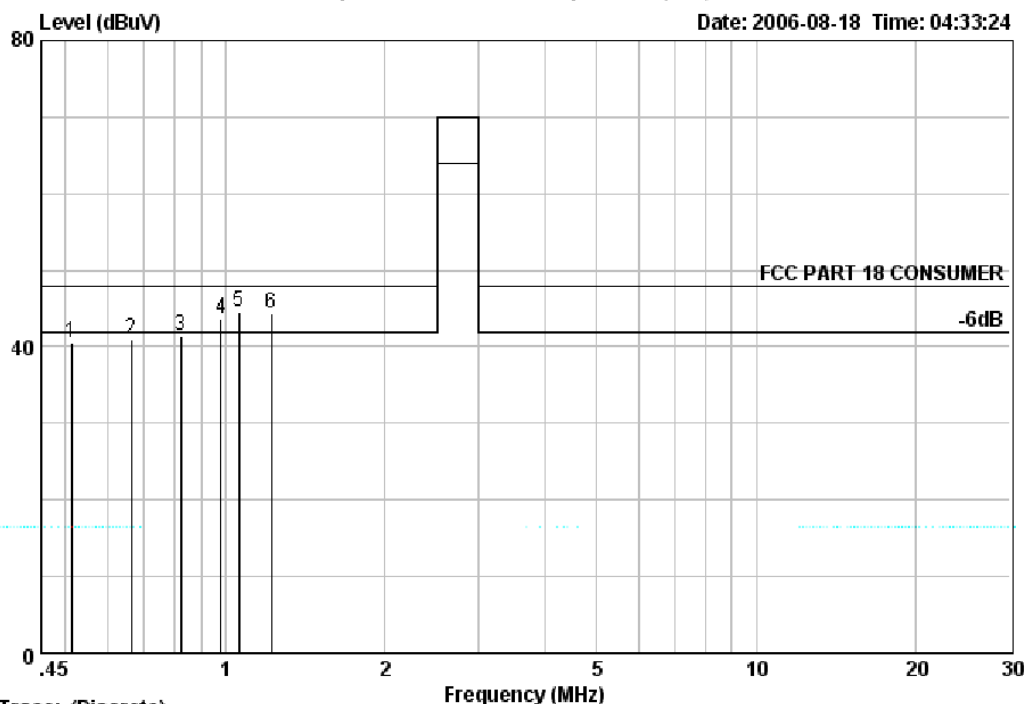


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 16

File: D:\2006 Report\L\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 04:33:24



Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VA KNW-407
EUT : Energy Save Lamp
M/N : FE-1S-42W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp.23' Humi.54%
Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.51	40.66	48.00	-7.34	30.27	10.14	0.25	QP
2	0.66	41.06	48.00	-6.94	30.70	10.13	0.23	QP
3	0.83	41.38	48.00	-6.62	31.03	10.13	0.22	QP
4 !	0.98	43.68	48.00	-4.32	33.33	10.14	0.21	QP
5 !	1.06	44.62	48.00	-3.38	34.25	10.16	0.21	QP
6 !	1.22	44.34	48.00	-3.66	33.97	10.16	0.21	QP

13. Emission Level= LISN Factor + Cable Loss + Reading.

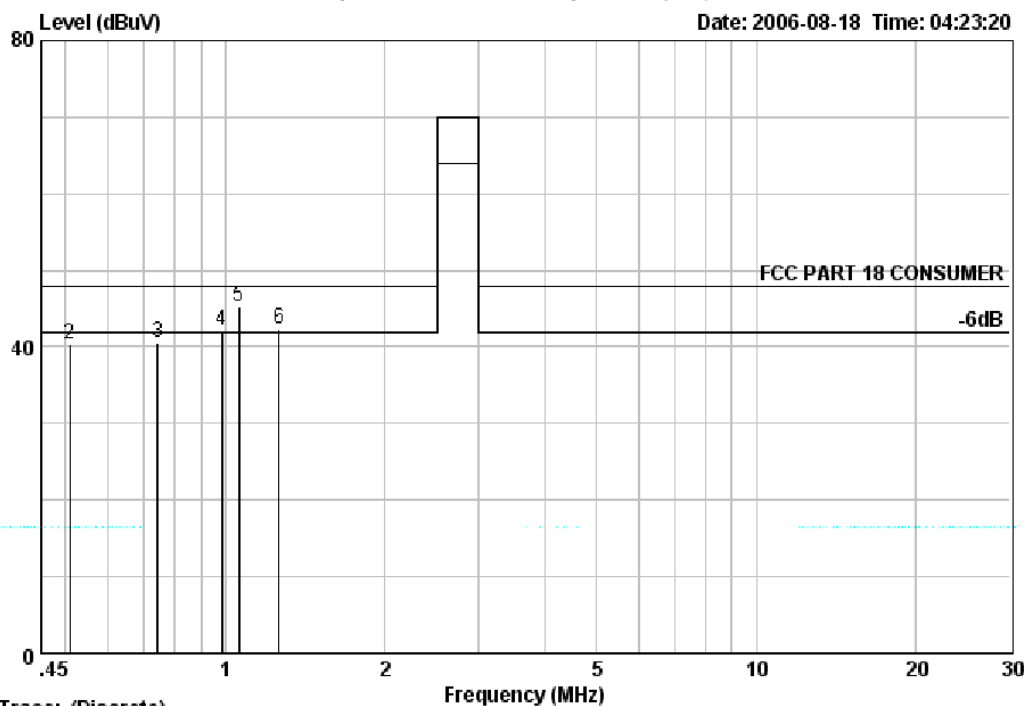
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Data: 14

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 04:23:20



Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VB KNW-407
 EUT : Energy Save Lamp
 M/N : FE-IS-42W
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23° Humi:54%
 Memo :

	Freq	Level	Limit	Over	Read	CableAntenna		
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1 !	0.45	42.36	48.00	-5.64	31.67	10.12	0.57	QP
2	0.51	40.35	48.00	-7.65	29.70	10.14	0.51	QP
3	0.74	40.48	48.00	-7.52	29.94	10.14	0.40	QP
4 !	0.98	42.20	48.00	-5.80	31.71	10.14	0.35	QP
5 !	1.06	45.24	48.00	-2.76	34.73	10.16	0.35	QP
6 !	1.26	42.34	48.00	-5.66	31.84	10.16	0.34	QP

1. Emission Level= LISN Factor + Cable Loss + Reading.

14. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

3. MAGNETIC FIELD EMISSION TEST

3.1. Test Equipment

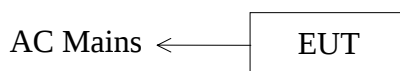
The following test equipments are used during the radiated emission test:

3.1.1. Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Loop Antenna	Chase	HLA6120	1062	June 06,06	1 Year
2	Test Receiver	Rohde & Schwarz	ESHS20	836600/006	May 15, 06	1 Year

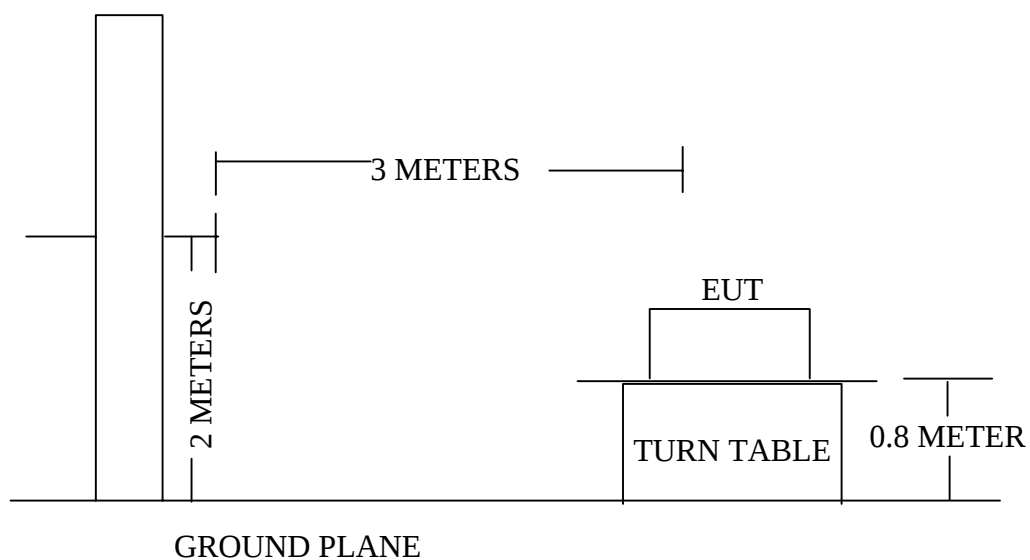
3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between the EUT and simulators



(EUT: Energy Save Lamp)

3.2.2. In Anechoic Chamber Test Setup Diagram



3.3. Magnetic Field Emission Limit

All emanations from Non-ISM devices or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

Frequency band MHz	Quasi-peak Electric Field Test Distance 3m dB(μ V/m)
0.009 - 30	63.5

Note: (1) The limit shall decreasing linearly with logarithm of frequency.
(2) Distance refers to the distance in meters between the test instrument antenna and the closed point of any part of the E.U.T.

3.4. EUT Configuration on Test

The FCC part 18 Class A regulations test method must be used to find the maximum emission during Radiated Emission test.

The configuration of EUT is same as used in Conducted Emission test. Please refer to Section 2.4.

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and the simulators as shown on Section 3.2.

3.5.2. Turn on the power of all equipments.

3.5.3. Let the EUT work in test mode (ON) and test it.

3.6. Test Procedure

The EUT is placed on a turn table which is 0.8 meter above ground. Measurements are performed at 3m distance with a 0.6m loop antenna as described in MP-5. The antenna shall be vertically installed, with the lower edge of the loop at 2m height above the floor.

The bandwidth setting on the test receiver (R&S TEST RECEIVER ESHS20) is 200Hz. The EUT is tested in Chamber. All the scanning waveform are attached within Appendix II.

4. DEVIATION TO TEST SPECIFICATIONS

[NONE]

APPENDIX I

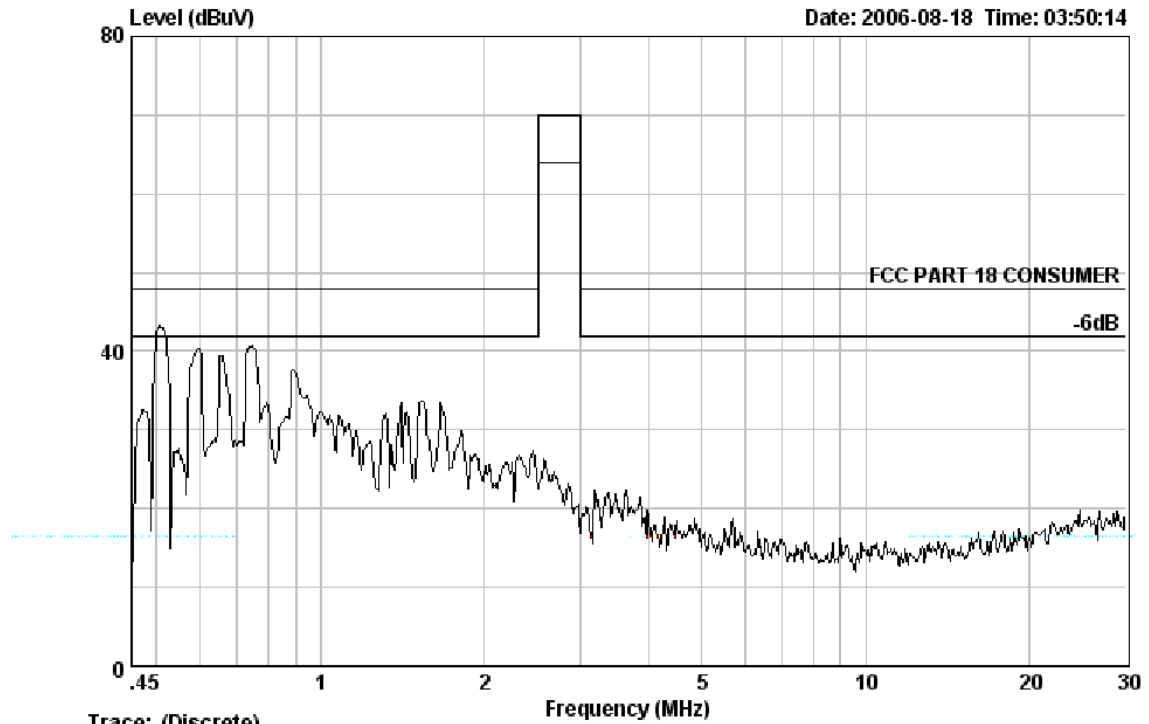


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 7

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 03:50:14



Trace: (Discrete)

Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VA KNW-407
 EUT : Energy Save Lamp
 M/N : FE-ISL-45W
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23° Humi:54%
 Memo :

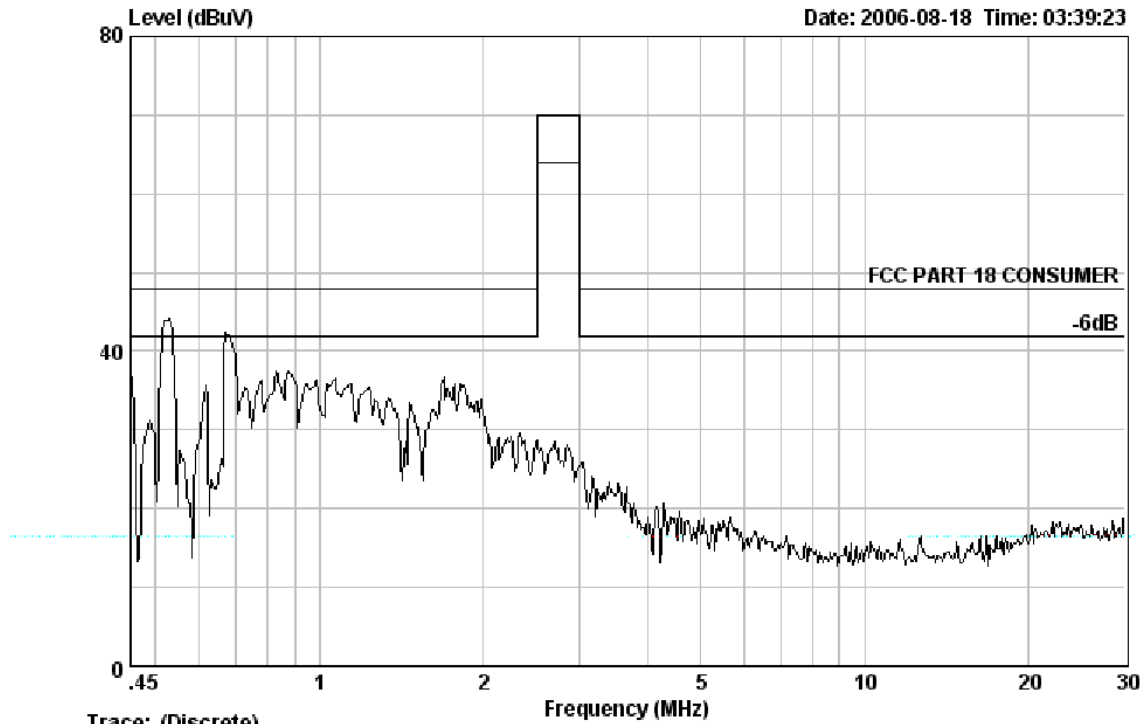


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 5

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 03:39:23



Trace: (Discrete)

Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VB KNW-407
EUT : Energy Save Lamp
M/N : FE-ISL-45W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :

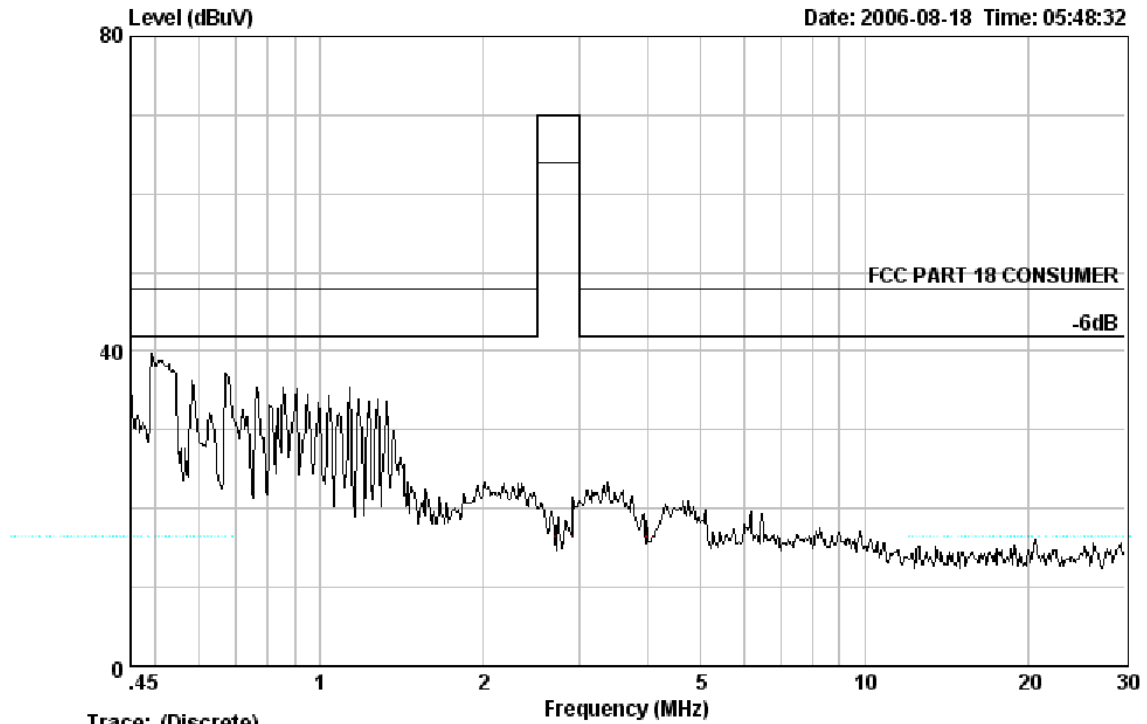


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 31

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 05:48:32



Trace: (Discrete)

Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VA KNW-407
 EUT : Energy Save Lamp
 M/N : FE-R20-14WA
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23° Humi:54%
 Memo :

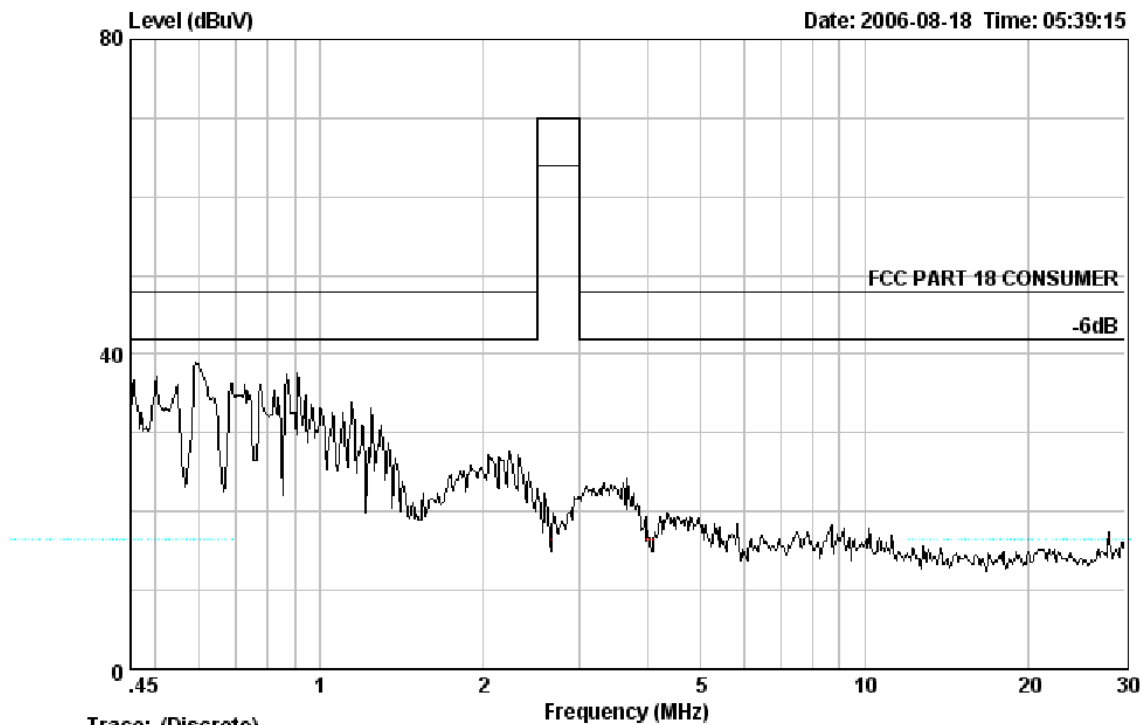


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 29

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 05:39:15



Trace: (Discrete)

Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VB KNW-407
EUT : Energy Save Lamp
M/N : FE-R20-14WA
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :

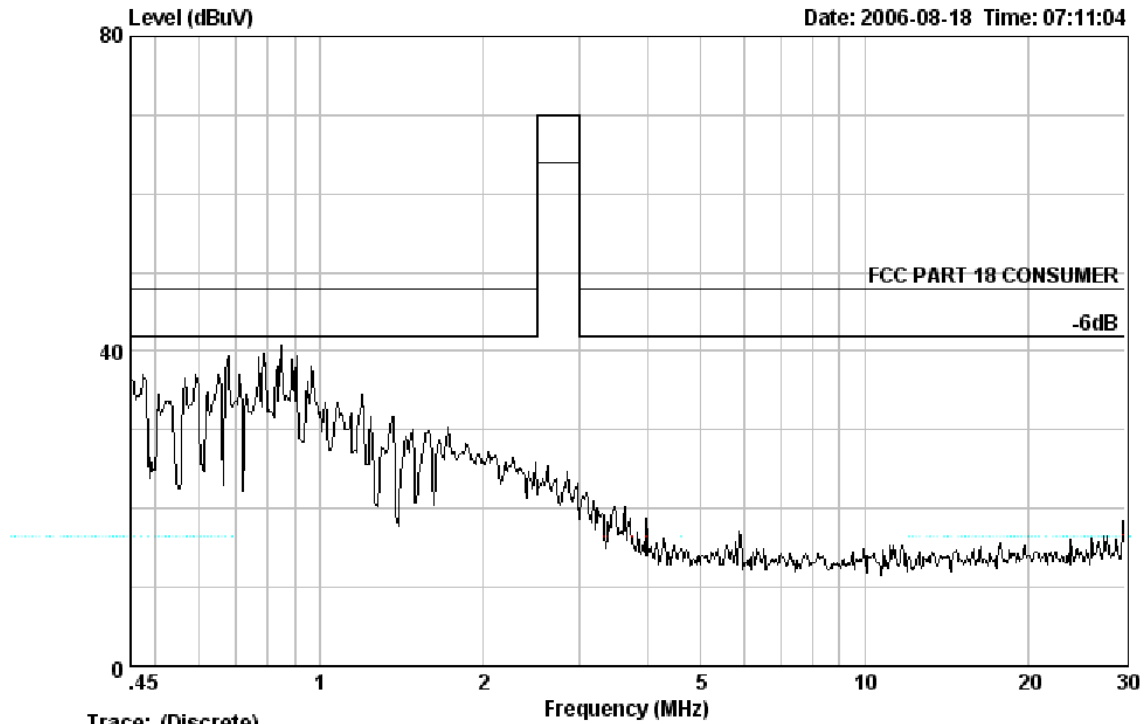


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 49

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 07:11:04



Trace: (Discrete)

Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VA KNW-407
 EUT : Energy Save Lamp
 M/N : FE-IISB-14W
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23° Humi:54%
 Memo :

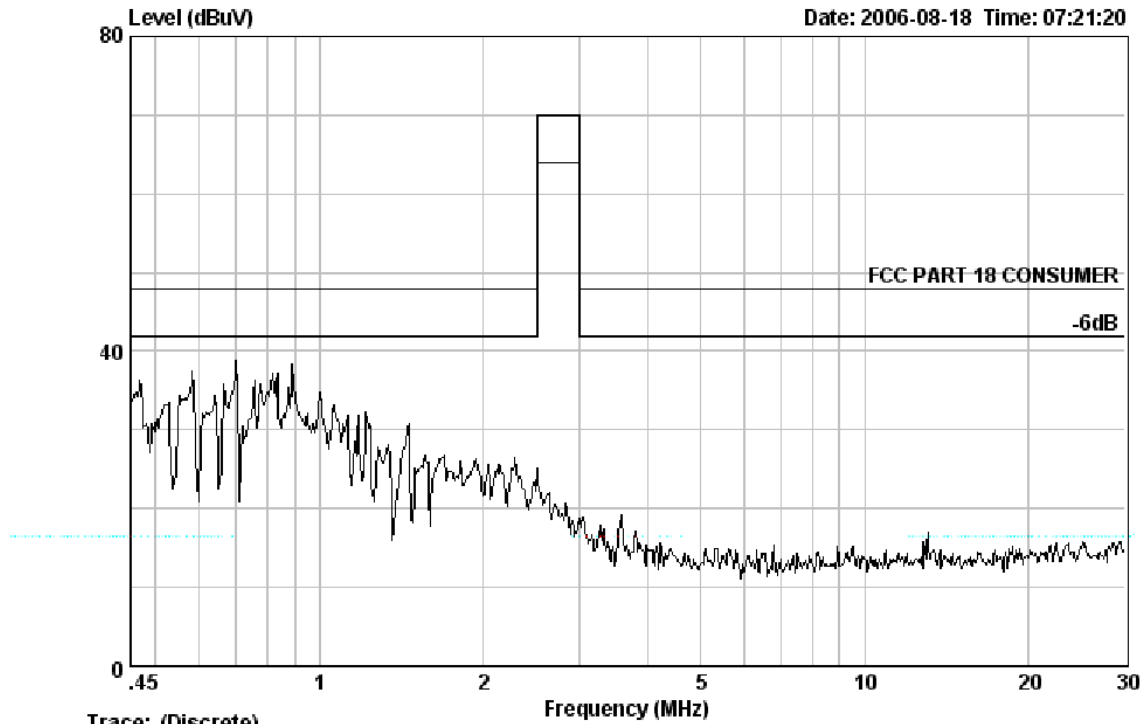


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 51

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 07:21:20



Trace: (Discrete)

Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VB KNW-407
EUT : Energy Save Lamp
M/N : FE-IISB-14W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :



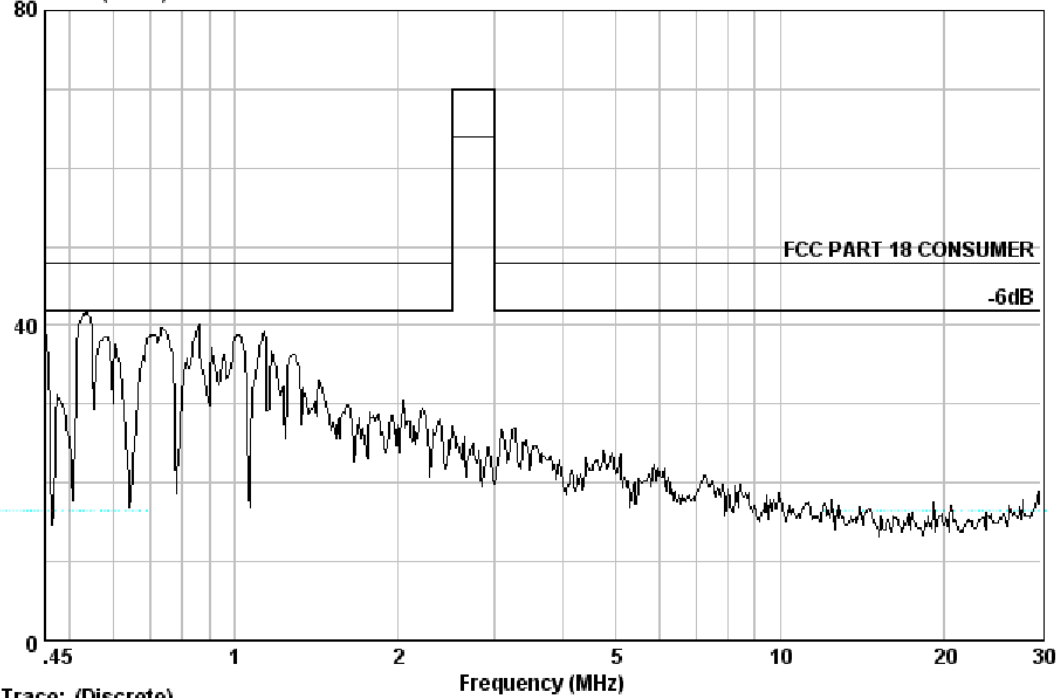
NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 39

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 06:24:13

Level (dBuV)



Trace: (Discrete)

Frequency (MHz)

Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VA KNW-407
EUT : Energy Save Lamp
M/N : FE-US-42W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :

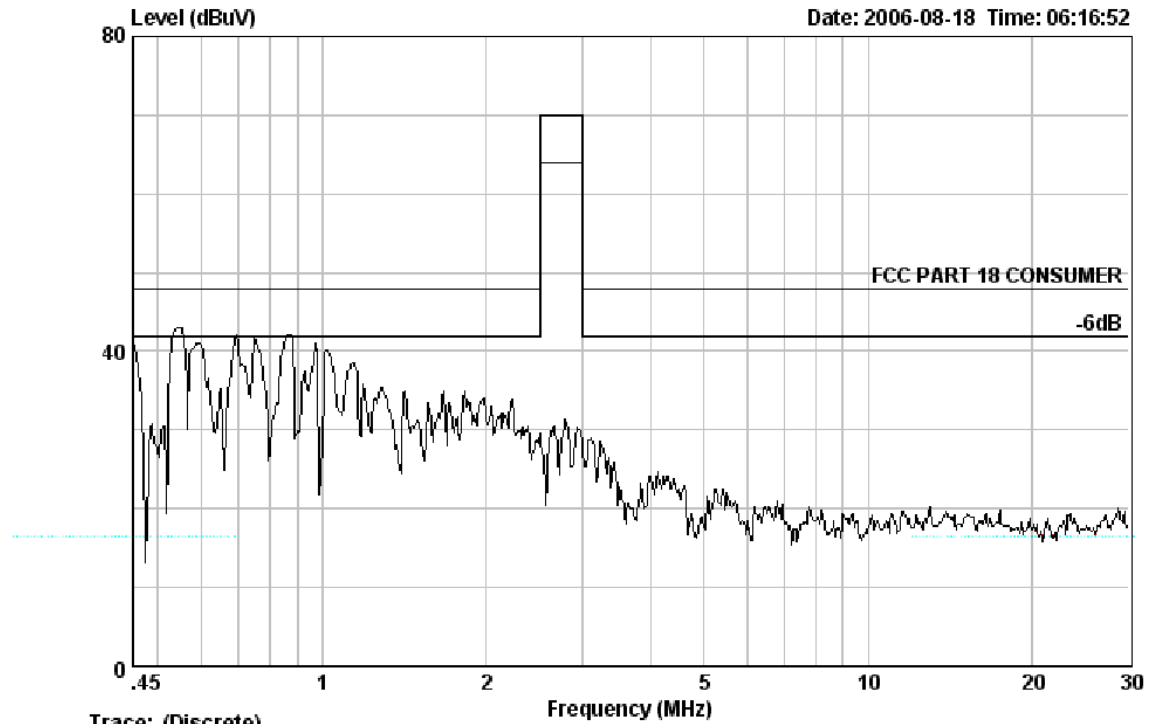


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 37

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 06:16:52



Trace: (Discrete)

Site	: Audix No.1 Conduction
Condition	: FCC PART 18 CONSUMER VB KNW-407
EUT	: Energy Save Lamp
M/N	: FE-US-42W
OP Conduction	: ON
Test Spec	: AC 120V/60Hz
Test Engineer	: SECO
Comment	: Temp:23° Humi:54%
Memo	:

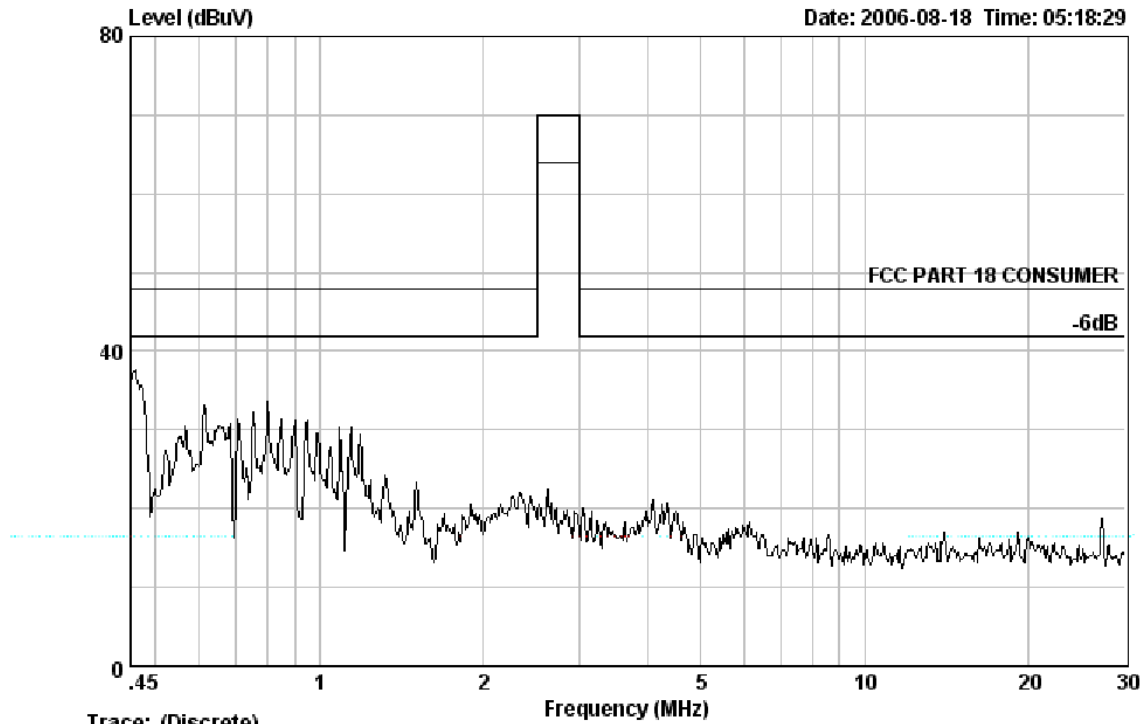


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 25

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 05:18:29



Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VA KNW-407
EUT : Energy Save Lamp
M/N : FE-G16-7W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :

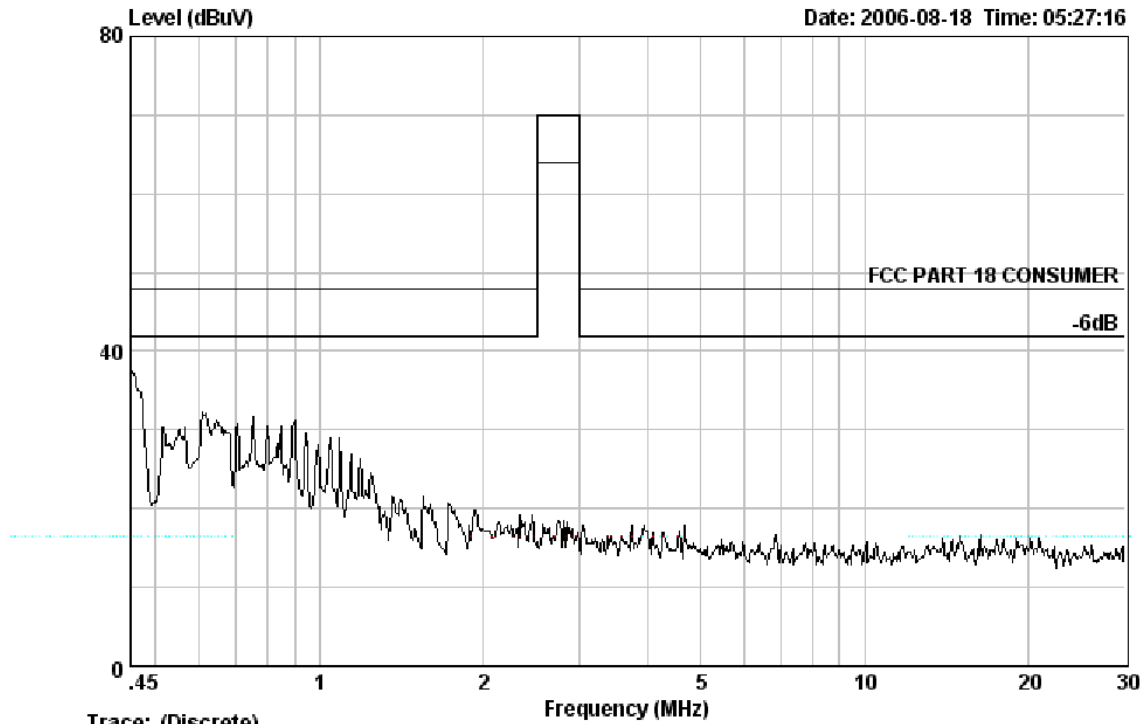


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 27

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 05:27:16



Trace: (Discrete)

Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VB KNW-407
EUT : Energy Save Lamp
M/N : FE-G16-7W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :

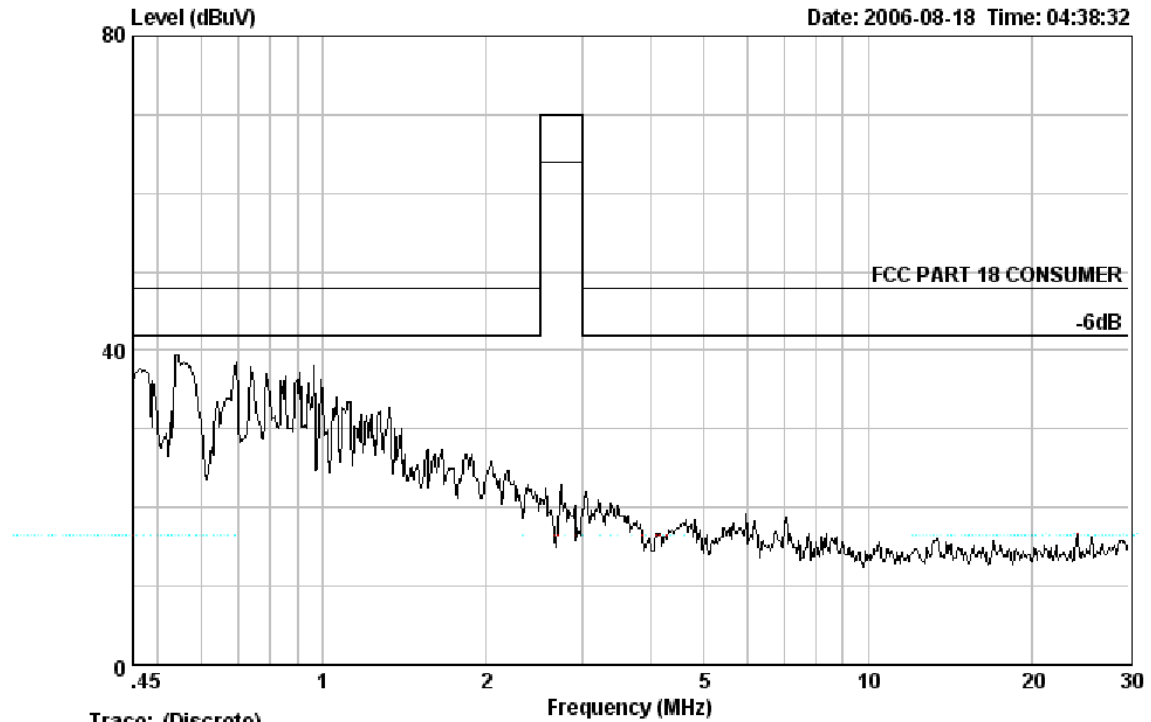


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 17

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 04:38:32



Trace: (Discrete)

Site : Audix No.1 Conduction

Condition : FCC PART 18 CONSUMER VA KNW-407

EUT : Energy Save Lamp

M/N : FE-GU-14W

OP Conduction : ON

Test Spec : AC 120V/60Hz

Test Engineer : SECO

Comment : Temp:23° Humi:54%

Memo :

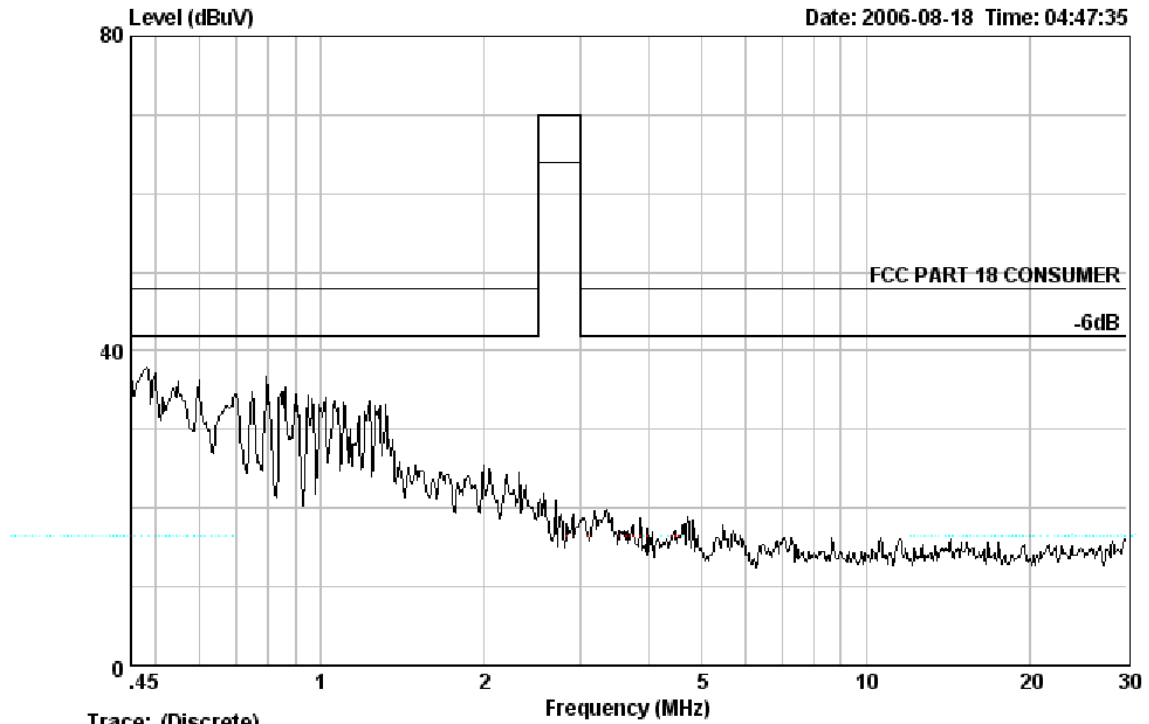


NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 19

File: D:\2006 Report\LONGSTAR\Acs6q849.EMI (112)

Date: 2006-08-18 Time: 04:47:35



Trace: (Discrete)

Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER WB KNW-407
EUT : Energy Save Lamp
M/N : FE-GU-14W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :



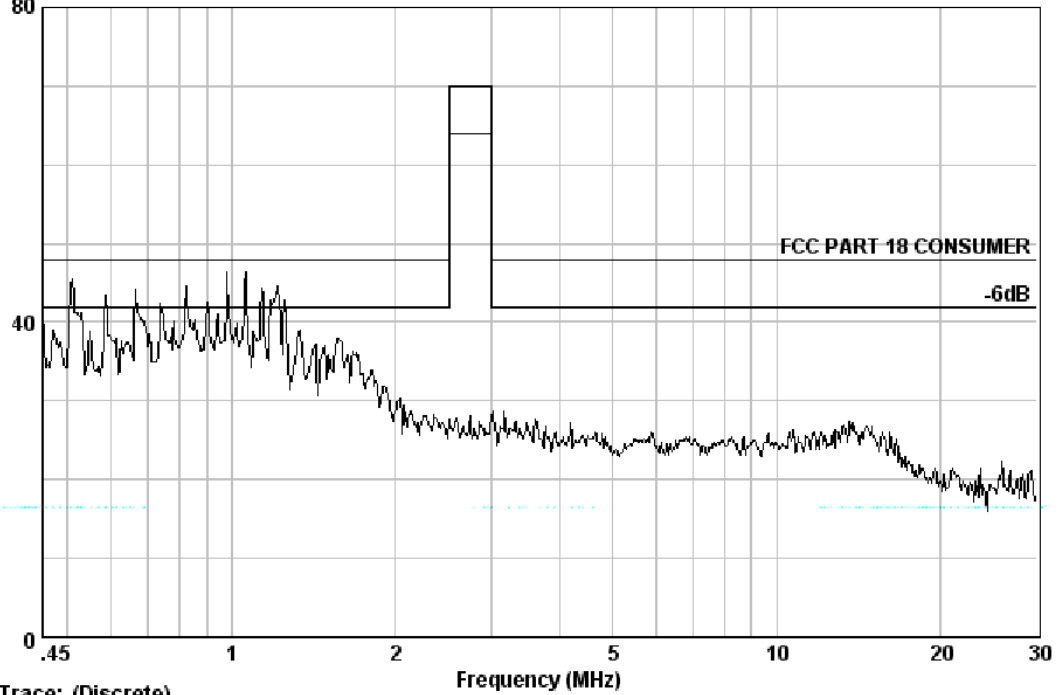
NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 15

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Level (dBuV)

Date: 2006-08-18 Time: 04:28:56



Trace: (Discrete)

Frequency (MHz)

Site : Audix No.1 Conduction
 Condition : FCC PART 18 CONSUMER VA KNW-407
 EUT : Energy Save Lamp
 M/N : FE-IS-42W
 OP Conduction : ON
 Test Spec : AC 120V/60Hz
 Test Engineer : SECO
 Comment : Temp:23° Humi:54%
 Memo :



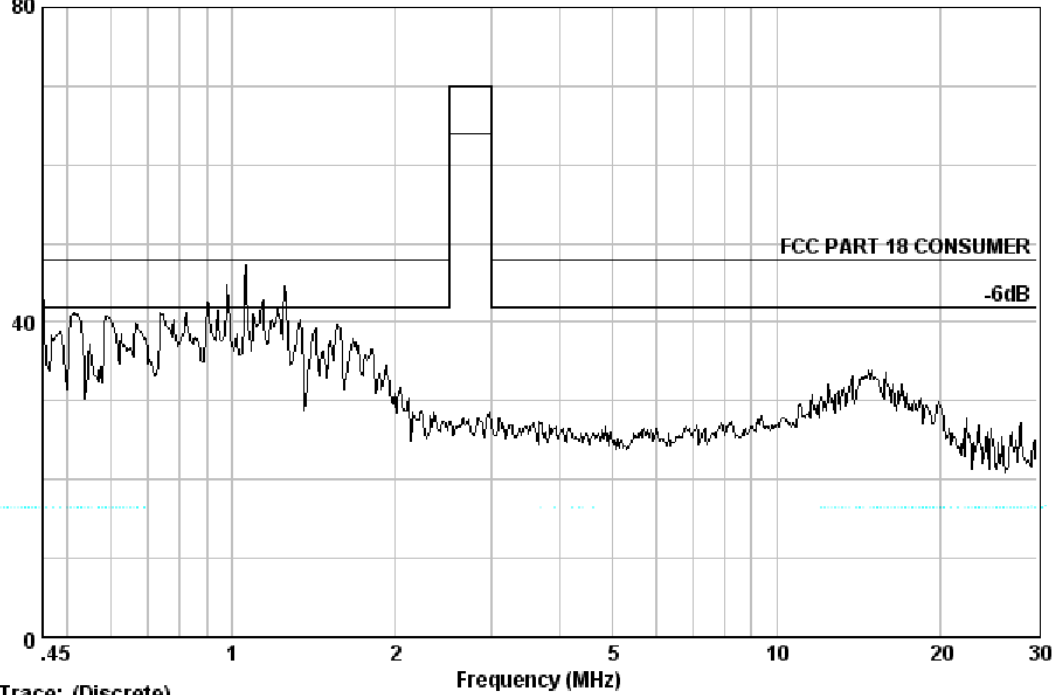
NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,

Data: 13

File: D:\2006 Report\LL\LONGSTAR\Acs6q849.EMI (112)

Level (dBuV)

Date: 2006-08-18 Time: 04:19:45



Trace: (Discrete)

Frequency (MHz)

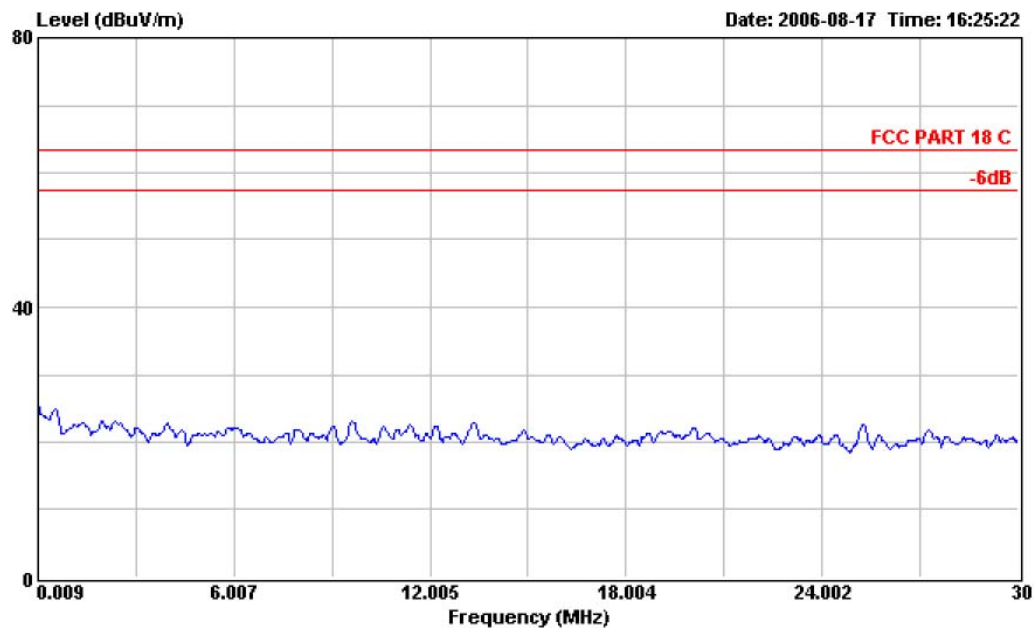
Site : Audix No.1 Conduction
Condition : FCC PART 18 CONSUMER VB KNW-407
EUT : Energy Save Lamp
M/N : FE-IS-42W
OP Conduction : ON
Test Spec : AC 120V/60Hz
Test Engineer : SECO
Comment : Temp:23° Humi:54%
Memo :

APPENDIX II



Audix Technology (Shanghai) Co., Ltd.
3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 12 File#: D:\2006 data\longstar\acs6q849.EMI

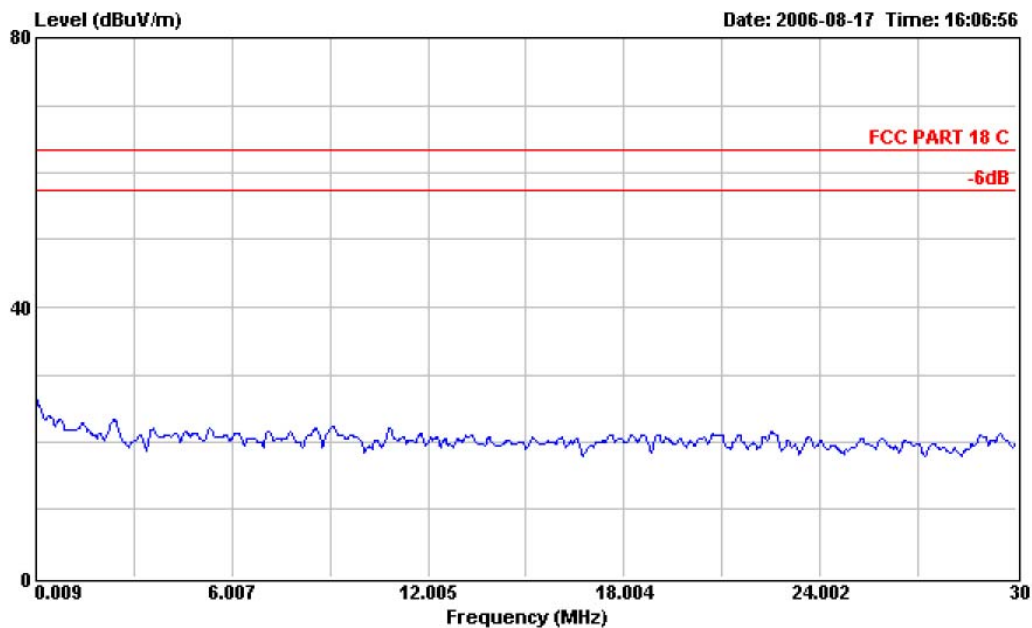


Site : 1#Chamber
Condition : FCC PART 18 3m HLA6120
EUT : Energy Save Lamp
M/N : FE-ISL-45W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer : Sun
Memo : Tem:23' Humi:50%



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3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 4 File#: D:\2006 data\longstar\acs6q849.EMI



Site : 1#Chamber
Condition : FCC PART 18 3m HLA6120
EUT : Energy Save Lamp
M/N : FE-R20-14WA
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer : Sun
Memo : Tem:23' Humi:50%



Audix Technology (Shanghai) Co., Ltd.
3F #34Bldg. No.680 GuiPing Rd.,
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Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 9 File#: D:\2006 data\longstar\acs6q849.EMI

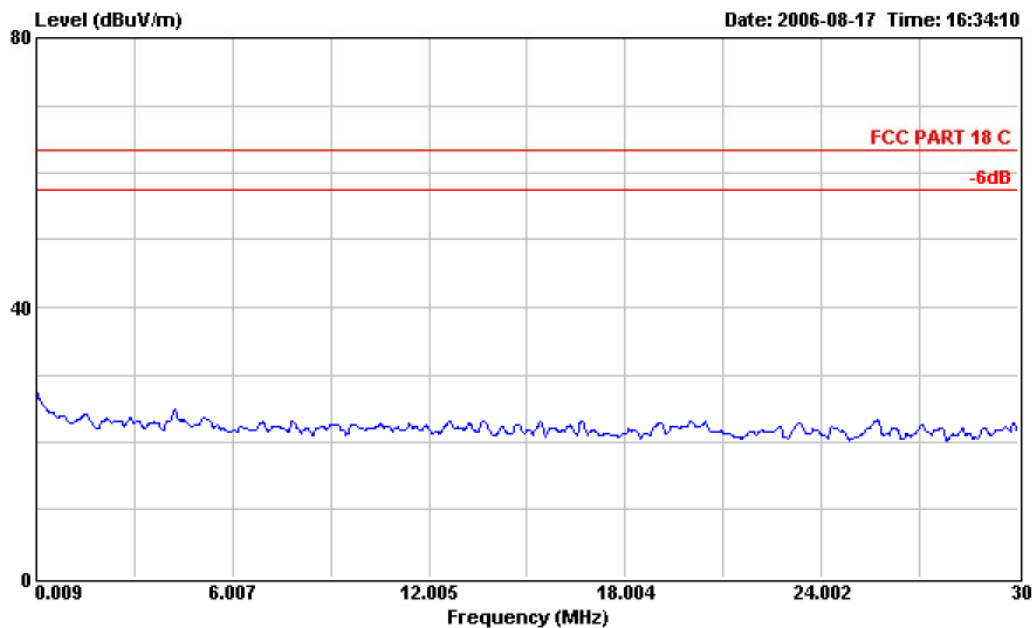


Site : 1#Chamber
Condition : FCC PART 18 3m HLA6120
EUT : Energy Save Lamp
M/N : FE-IISB-14W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer : Sun
Memo : Tem:23' Humi:50%



Audix Technology (Shanghai) Co., Ltd.
3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 13 File#: D:\2006 data\longstar\acs6q849.EMI

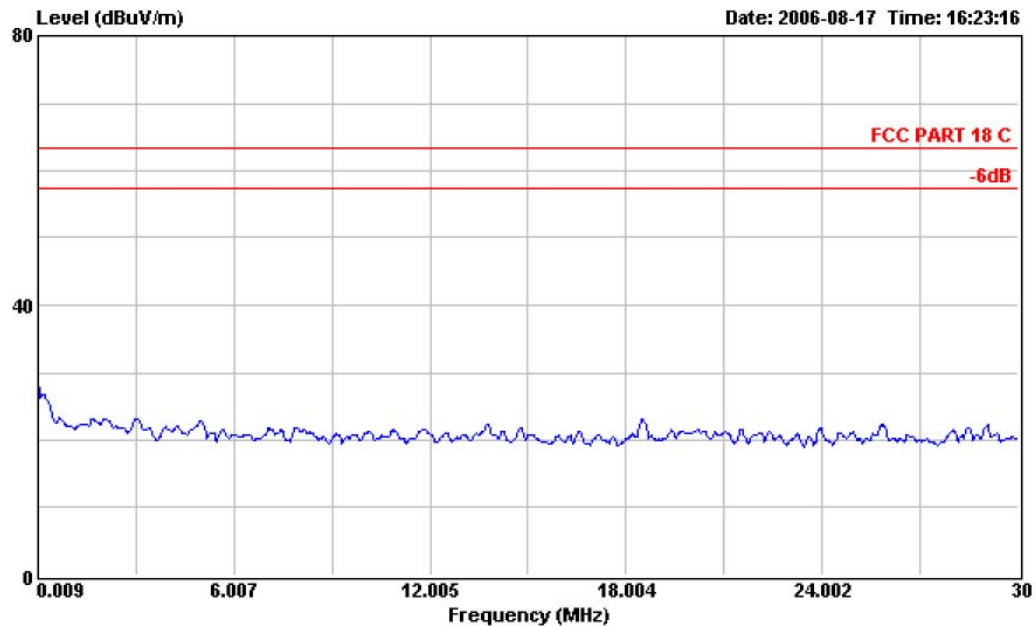


Site : 1#Chamber
Condition : FCC PART 18 3m HLA6120
EUT : Energy Save Lamp
M/N : FE-US-42W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer : Sun
Memo : Tem:23' Humi:50%



Audix Technology (Shanghai) Co., Ltd.
3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 11 File#: D:\2006 data\longstar\acs6q849.EMI

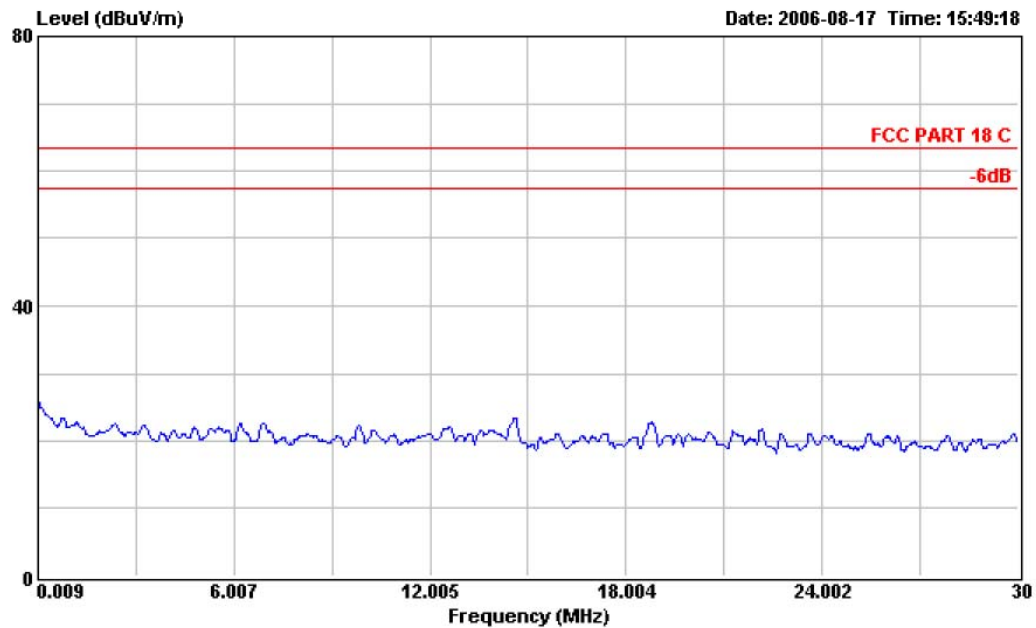


Site : 1#Chamber
Condition : FCC PART 18 3m HLA6120
EUT : Energy Save Lamp
M/N : FE-G16-7W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer : Sun
Memo : Tem:23' Humi:50%



Audix Technology (Shanghai) Co., Ltd.
3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 1 File#: D:\2006 data\longstar\acs6q849.EMI



Site : 1#Chamber
Condition : FCC PART 18 3m HLA6120
EUT : Energy Save Lamp
M/N : FE-GU-14W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer : Sun
Memo : Tem:23' Humi:50%



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3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 5 File#: D:\2006 data\longstar\acs6q849.EMI



Site : 1#Chamber
Condition : FCC PART 18 3m HLA6120
EUT : Energy Save Lamp
M/N : FE-IS-42W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer : Sun
Memo : Tem:23' Humi:50%