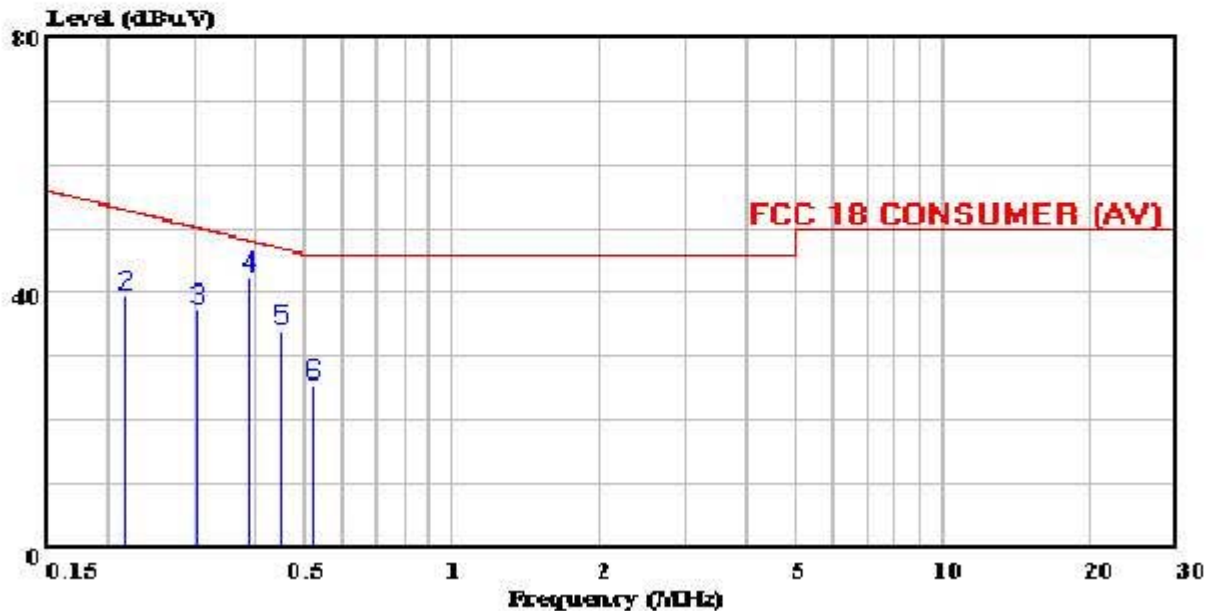




3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 908 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 01:57:04



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-IISD-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

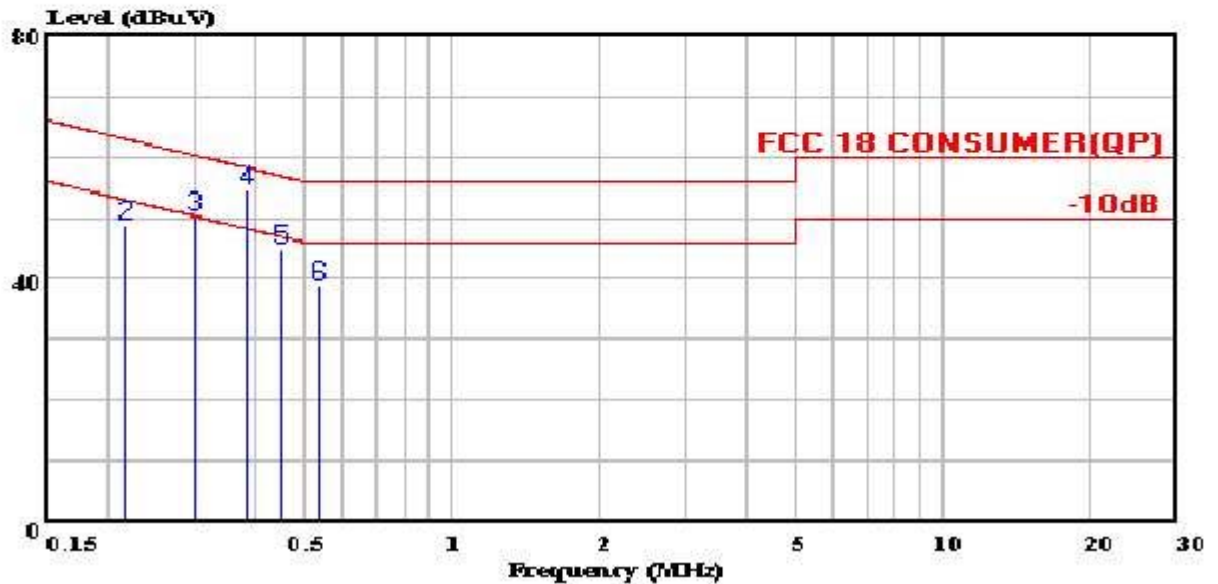
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.151	42.60	42.82	55.94	-13.12	0.22	0.03	0.19
2	0.216	39.30	39.51	52.97	-13.46	0.21	0.04	0.17
3	0.304	37.10	37.24	50.13	-12.89	0.14	0.04	0.10
4	0.389	42.30	42.43	48.09	-5.66	0.13	0.04	0.09
5	0.448	33.81	33.93	46.91	-12.98	0.12	0.04	0.08
6	0.521	25.50	25.62	46.00	-20.38	0.12	0.04	0.08



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 904 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 01:45:10



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-IISD-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

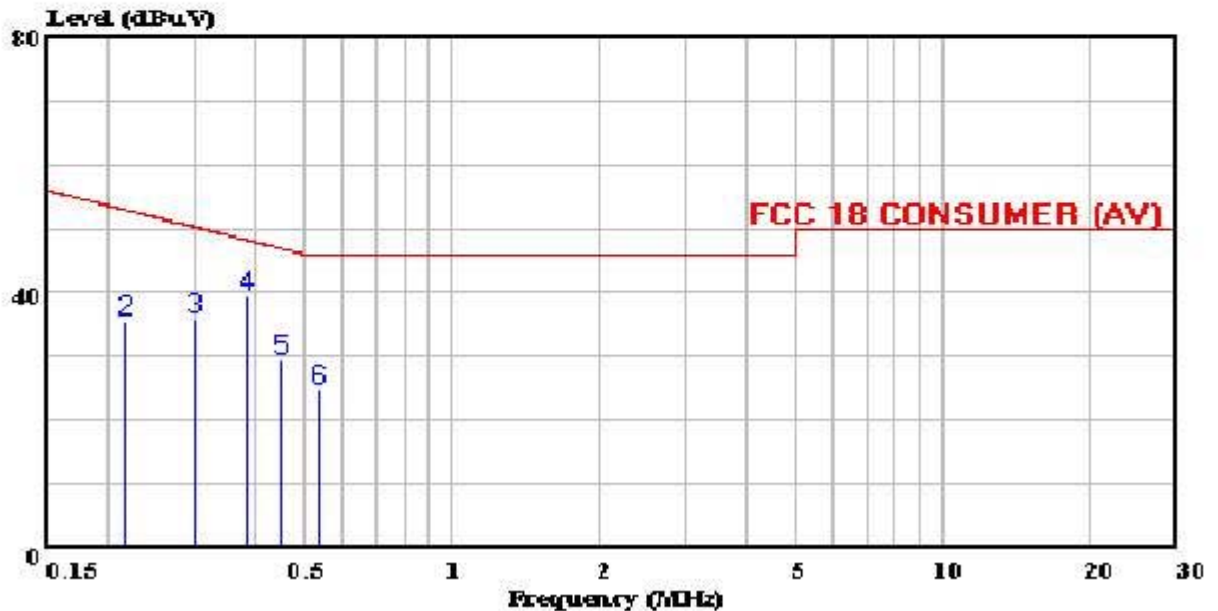
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.150	52.47	52.73	65.99	-13.26	0.26	0.03	0.23
2	0.217	48.71	48.91	62.91	-14.00	0.20	0.04	0.16
3	0.300	49.89	50.09	60.24	-10.15	0.20	0.04	0.16
4	0.384	54.36	54.54	58.20	-3.66	0.18	0.04	0.14
5	0.449	44.72	44.88	56.90	-12.02	0.16	0.04	0.12
6	0.535	38.44	38.59	56.00	-17.41	0.15	0.04	0.11



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 905 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 01:50:06



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-IISD-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VB
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

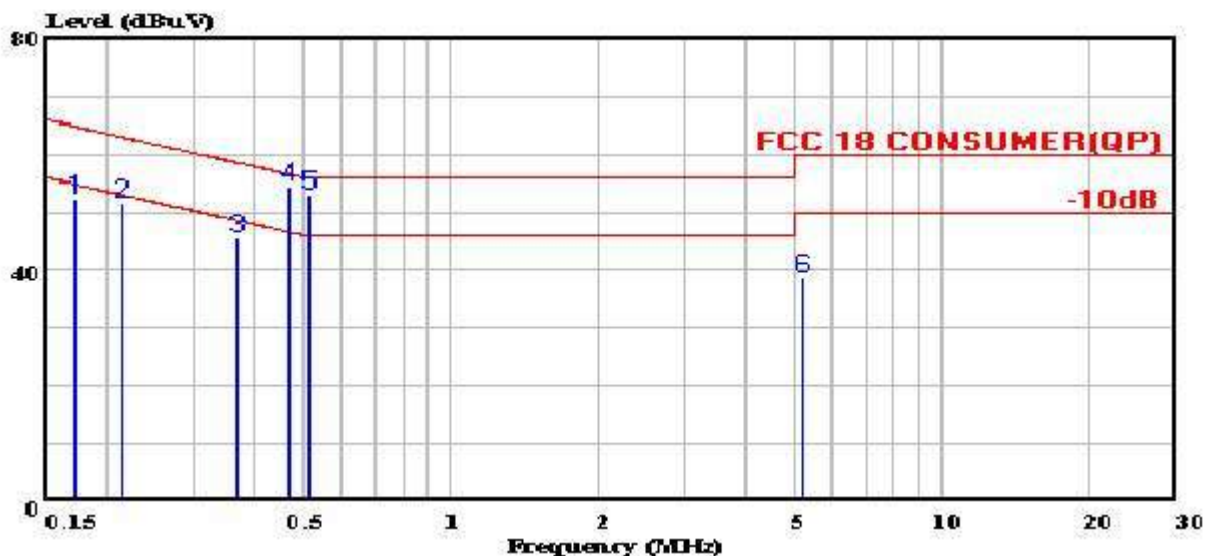
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.150	41.50	41.76	55.99	-14.23	0.26	0.03	0.23
2	0.217	35.30	35.50	52.93	-17.43	0.20	0.04	0.16
3	0.300	35.60	35.80	50.24	-14.44	0.20	0.04	0.16
4	0.384	39.40	39.58	48.19	-8.61	0.18	0.04	0.14
5	0.449	29.10	29.26	46.89	-17.63	0.16	0.04	0.12
6	0.535	24.50	24.65	46.00	-21.35	0.15	0.04	0.11



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1115 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 15:55:21



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : ing Lamp
M/N : FE-USD-13W
S/N : E03033148
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line :
Test Mode :
Test Engineer: *Salon Gong*

Page: 1

	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.172	52.32	52.54	64.86	-12.32	0.22	0.03	0.19
2	0.213	51.58	51.79	63.11	-11.32	0.21	0.04	0.17
3	0.367	45.44	45.57	58.57	-13.00	0.13	0.04	0.09
4 !	0.471	54.52	54.64	56.50	-1.86	0.12	0.04	0.08
5 !	0.512	52.89	53.01	56.00	-2.99	0.12	0.04	0.08
6	5.202	38.62	38.84	60.00	-21.16	0.22	0.13	0.09

NOTE 1 – The worst emission is detected at 0.471 MHz with corrected signal level of 54.64dB(μV) (limit is 56.50 dB(μV)), when the VA of the EUT is connected to LISN.

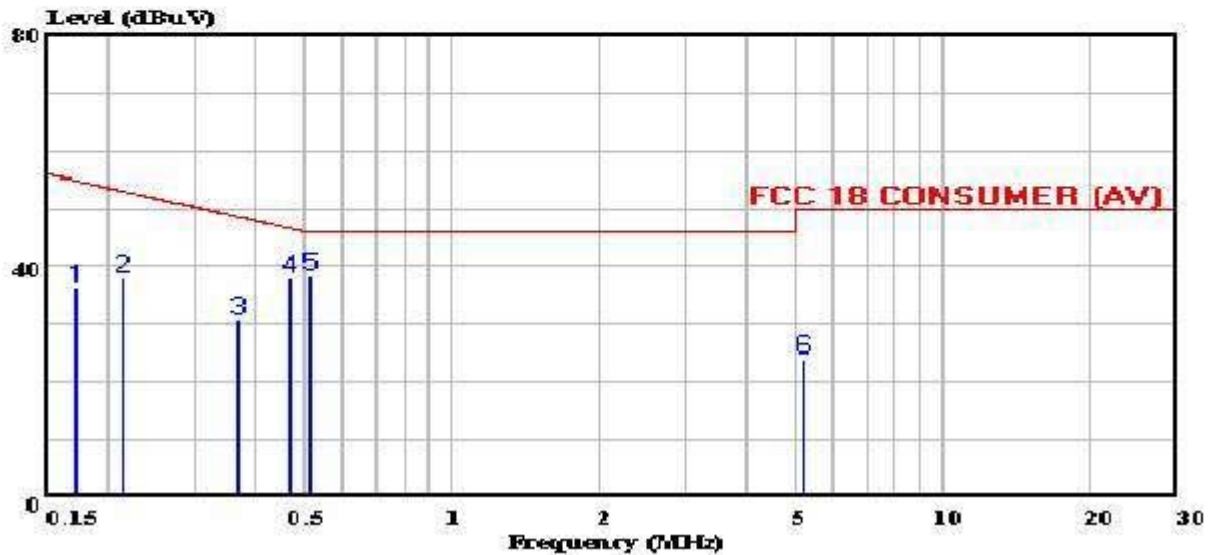
NOTE 2 –At the frequency 0.471 MHz the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1116 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 15:55:21



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KMW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : ON
Test Engineer: *Solon Gong*

Page: 1

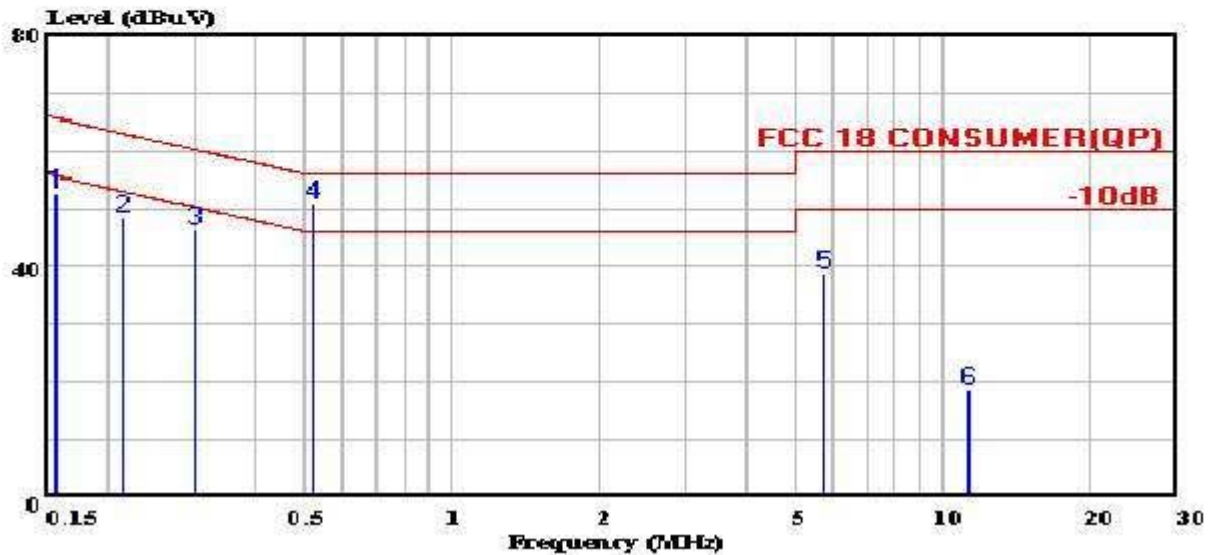
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.172	35.96	36.18	54.86	-18.68	0.22	0.03	0.19
2	0.213	37.96	38.17	53.11	-14.94	0.21	0.04	0.17
3	0.367	30.89	31.02	48.57	-17.55	0.13	0.04	0.09
4	0.471	38.08	38.20	46.50	-8.30	0.12	0.04	0.08
5	0.512	38.35	38.47	46.00	-7.53	0.12	0.04	0.08
6	5.202	23.94	24.16	50.00	-25.84	0.22	0.13	0.09



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1112 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 15:49:45



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : ON
Test Engineer: *Solon Gong*

Page: 1

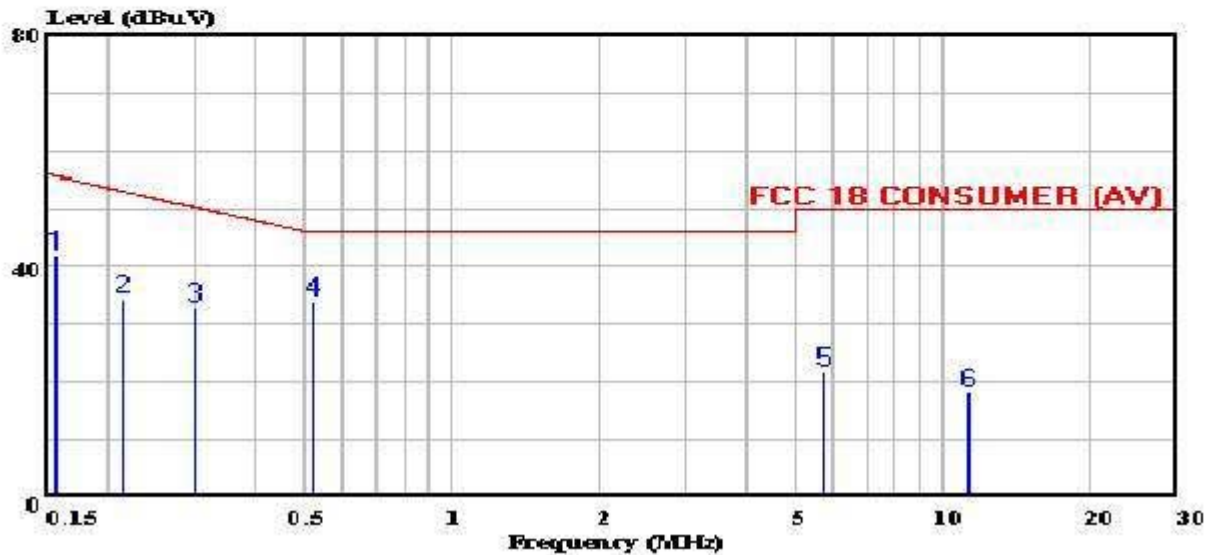
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.156	52.57	52.82	65.70	-12.88	0.25	0.03	0.22
2	0.213	48.09	48.29	63.10	-14.81	0.20	0.04	0.16
3	0.300	46.23	46.43	60.25	-13.82	0.20	0.04	0.16
4	0.520	50.86	51.01	56.00	-4.99	0.15	0.04	0.11
5	5.743	38.41	38.66	60.00	-21.34	0.25	0.14	0.11
6	11.324	18.30	18.68	60.00	-41.32	0.38	0.21	0.17



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1113 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 15:49:45



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KMW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : ON
Test Engineer: *Solon Gong*

Page: 1

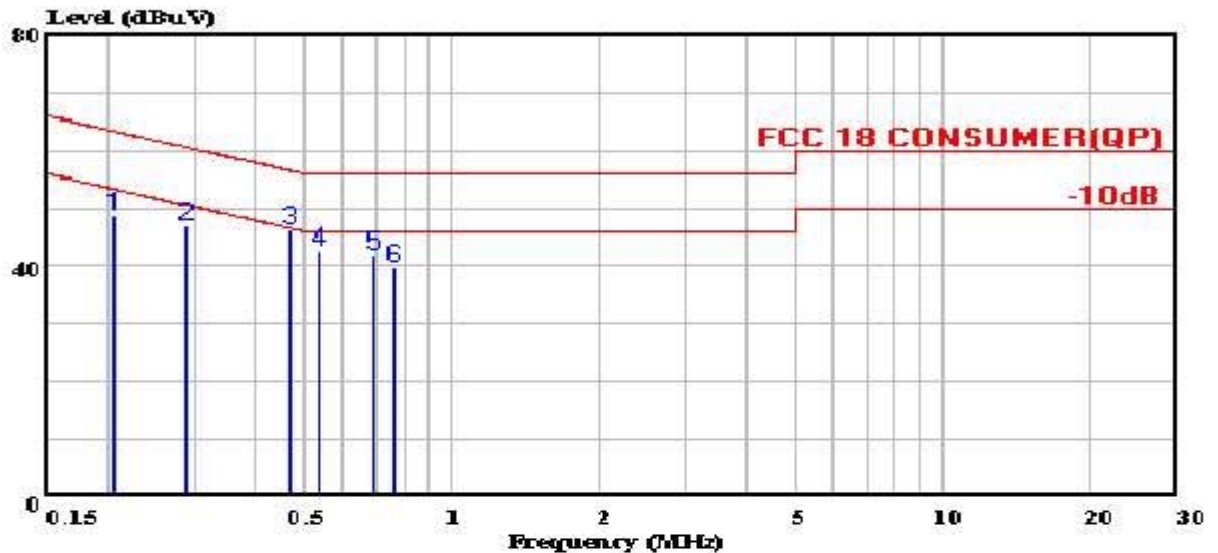
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.156	41.88	42.13	55.70	-13.57	0.25	0.03	0.22
2	0.213	34.24	34.44	53.10	-18.66	0.20	0.04	0.16
3	0.300	32.83	33.03	50.25	-17.22	0.20	0.04	0.16
4	0.520	33.84	33.99	46.00	-12.01	0.15	0.04	0.11
5	5.743	21.76	22.01	50.00	-27.99	0.25	0.14	0.11
6	11.320	18.00	18.38	50.00	-31.62	0.38	0.21	0.17



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 879 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-09 Time: 23:28:47



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-15W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.206	48.67	48.89	63.36	-14.47	0.22	0.04	0.18
2	0.288	46.75	46.90	60.59	-13.69	0.15	0.04	0.11
3	0.469	46.28	46.40	56.54	-10.14	0.12	0.04	0.08
4	0.535	42.48	42.60	56.00	-13.40	0.12	0.04	0.08
5	0.697	41.72	41.83	56.00	-14.17	0.11	0.05	0.06
6	0.767	39.82	39.93	56.00	-16.07	0.11	0.05	0.06

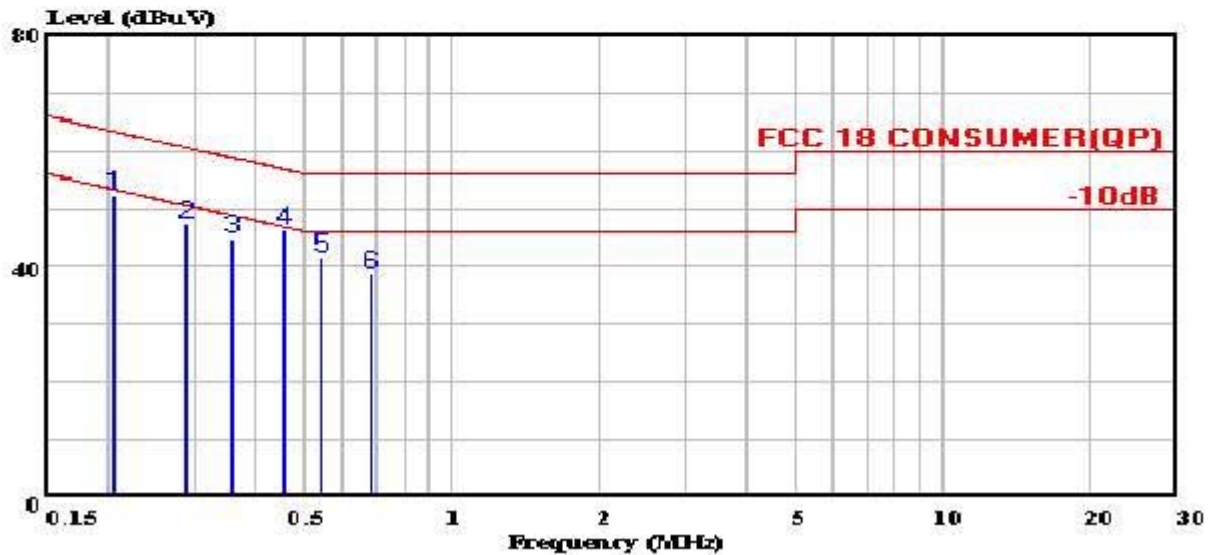
NOTE – The worst emission is detected at 0.469 MHz with corrected signal level of 46.40dB(μV) (limit is 56.54 dB(μV)), when the VA of the EUT is connected to LISN.



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 881 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-09 Time: 23:32:07



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-15W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

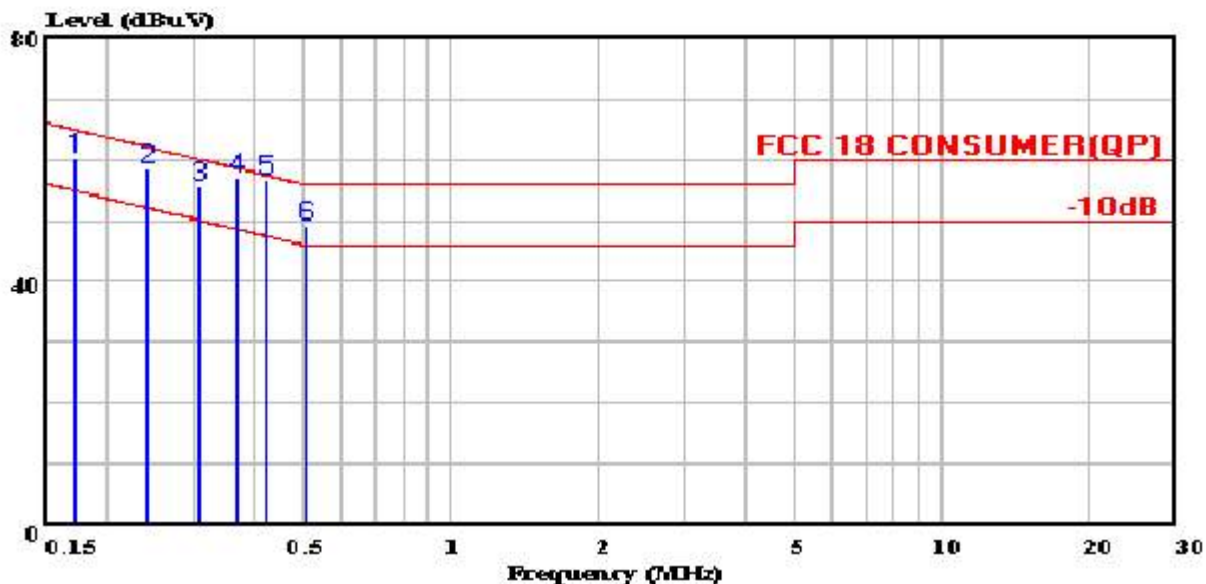
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.206	52.21	52.41	63.36	-10.95	0.20	0.04	0.16
2	0.288	47.15	47.35	60.59	-13.24	0.20	0.04	0.16
3	0.358	44.62	44.80	58.78	-13.98	0.18	0.04	0.14
4	0.455	46.12	46.28	56.78	-10.50	0.16	0.04	0.12
5	0.541	41.54	41.69	56.00	-14.31	0.15	0.04	0.11
6	0.686	38.42	38.58	56.00	-17.42	0.16	0.05	0.11



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1207 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-11 Time: 13:52:43



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-18W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode :
Test Engineer: *Solon Gong*

: 1

	Freq	Read	Level	Limit	Over	Cable	Probe
	MHz	Level	dBuV	Line	Limit	Loss	Factor
			dBuV	dBuV	dB	dB	dB
1 !	0.172	59.91	60.13	64.86	-4.73	0.22	0.03
2 !	0.241	58.20	58.40	62.05	-3.65	0.20	0.04
3 !	0.306	55.49	55.63	60.07	-4.44	0.14	0.04
4 !	0.367	56.95	57.08	58.57	-1.49	0.13	0.04
5 !	0.422	56.67	56.80	57.40	-0.60	0.13	0.04
6 !	0.509	49.11	49.23	56.00	-6.77	0.12	0.04

NOTE 1 – The worst emission is detected at 0.422 MHz with corrected signal level of 56.80 dB(μV) (limit is 57.40 dB(μV)), when the VA of the EUT is connected to LISN.

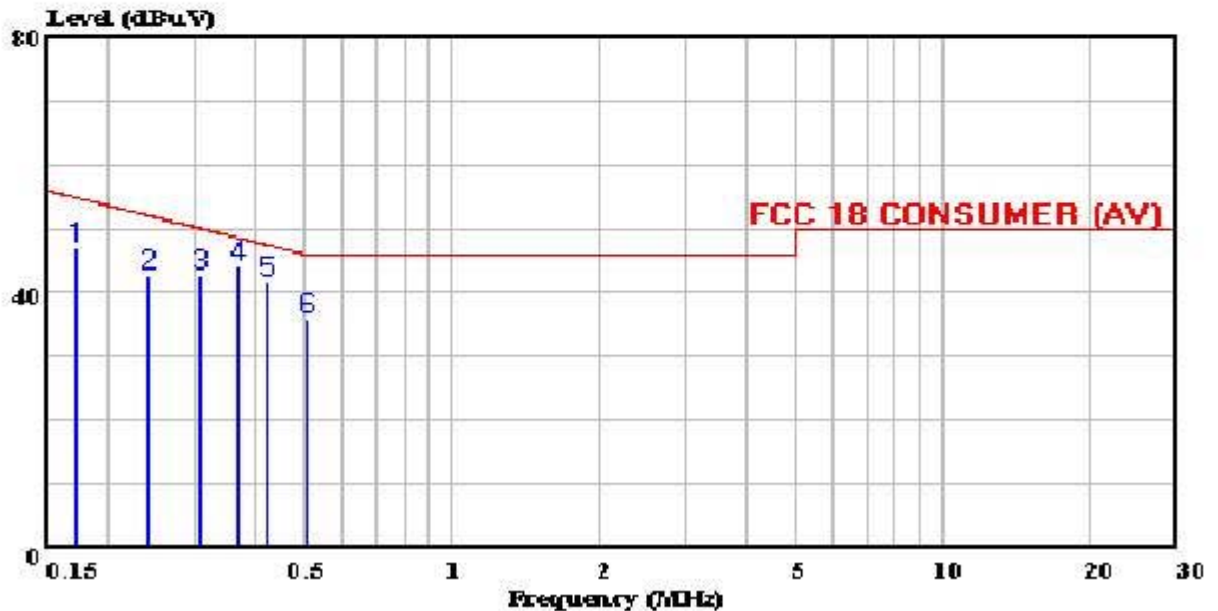
NOTE 2 –At the frequency 0.422MHz and 0.367 MHz the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1208 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-11 Time: 13:52:43



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-18W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : ON
Test Engineer: *Solon Gong*

Page: 1

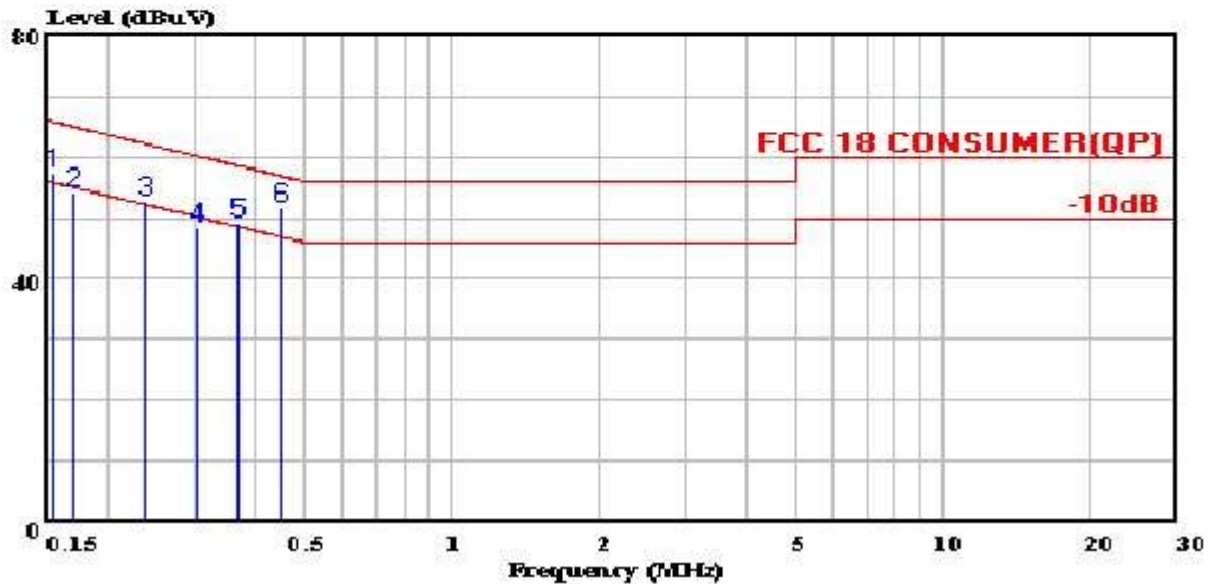
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.172	46.68	46.90	54.86	-7.96	0.22	0.03	0.19
2	0.241	42.38	42.58	52.05	-9.47	0.20	0.04	0.16
3	0.306	42.57	42.71	50.07	-7.36	0.14	0.04	0.10
4	0.367	44.08	44.21	48.57	-4.36	0.13	0.04	0.09
5	0.422	41.55	41.68	47.40	-5.72	0.13	0.04	0.09
6	0.509	35.77	35.89	46.00	-10.11	0.12	0.04	0.08



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1204 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-11 Time: 13:46:57



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-18W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : ON
Test Engineer:

Solon Gong

Page: 1

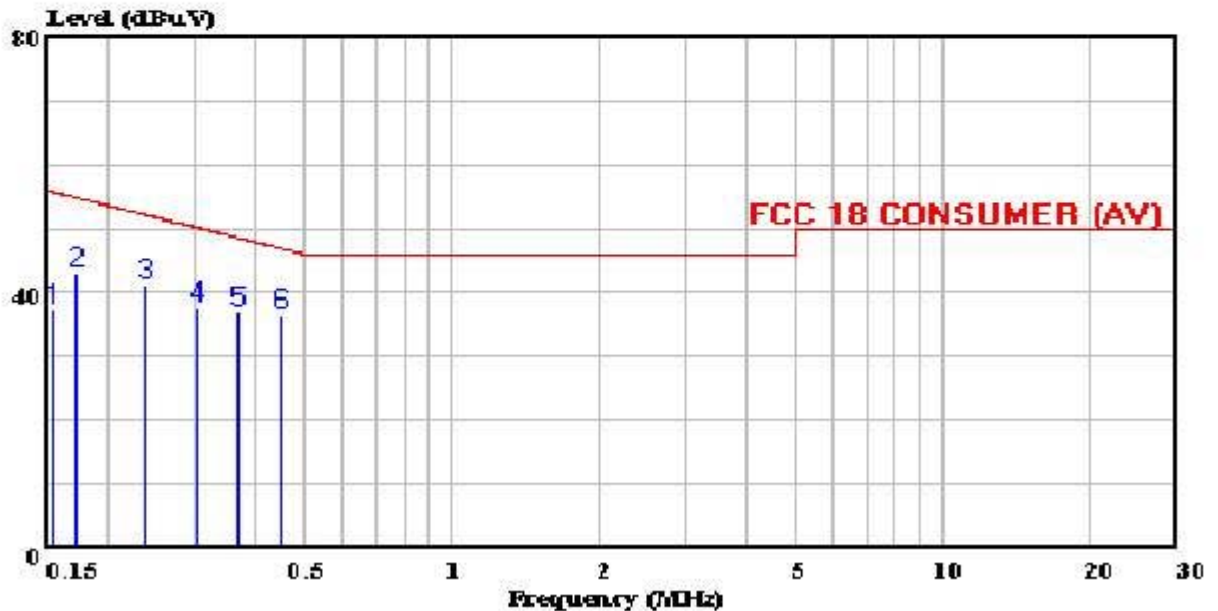
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.154	57.20	57.45	65.76	-8.31	0.25	0.03	0.22
2	0.168	53.85	54.08	65.04	-10.96	0.23	0.03	0.20
3 !	0.238	52.45	52.65	62.18	-9.53	0.20	0.04	0.16
4	0.303	48.37	48.57	60.15	-11.58	0.20	0.04	0.16
5 !	0.369	48.85	49.03	58.52	-9.49	0.18	0.04	0.14
6 !	0.447	51.34	51.50	56.93	-5.43	0.16	0.04	0.12



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1205 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-11 Time: 13:46:57



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-18W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VB
Test Mode : ON
Test Engineer: *Solon Gong*

Page: 1

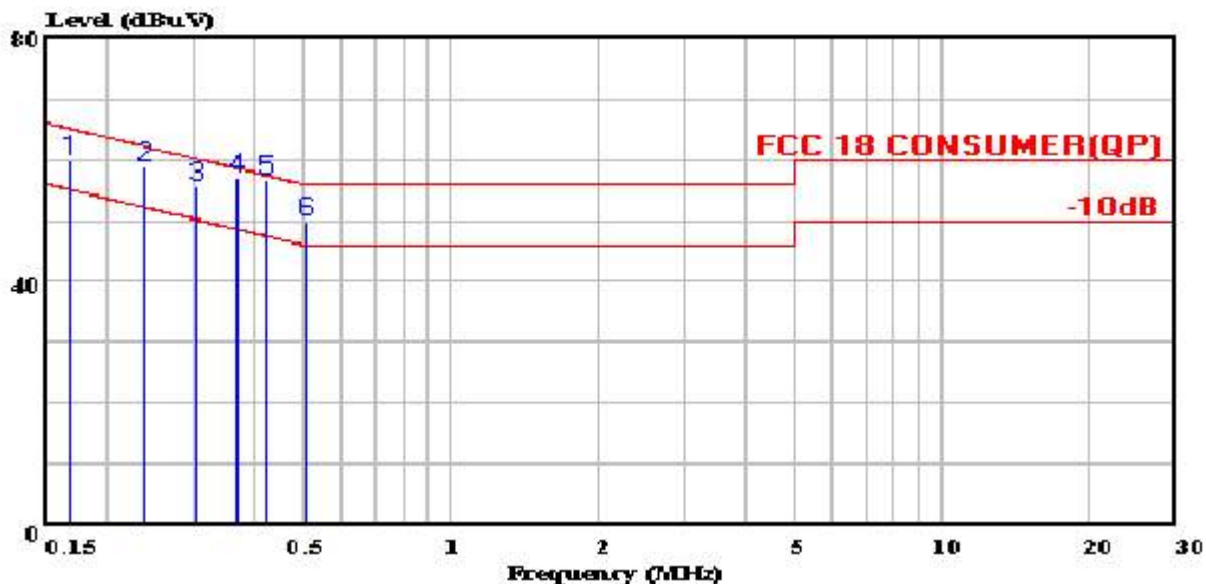
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.154	37.20	37.45	55.76	-18.31	0.25	0.03	0.22
2	0.171	42.66	42.89	54.91	-12.02	0.23	0.03	0.20
3	0.238	41.19	41.39	52.18	-10.79	0.20	0.04	0.16
4	0.303	37.57	37.77	50.15	-12.38	0.20	0.04	0.16
5	0.369	36.61	36.79	48.52	-11.73	0.18	0.04	0.14
6	0.447	36.43	36.59	46.93	-10.34	0.16	0.04	0.12



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1210 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-11 Time: 14:00:04



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode :
Test Engineer: *Solon Gong*

: 1

	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.167	59.57	59.79	65.10	-5.31	0.22	0.03	0.19
2 !	0.238	58.68	58.88	62.18	-3.30	0.20	0.04	0.16
3 !	0.304	55.49	55.63	60.14	-4.51	0.14	0.04	0.10
4 !	0.368	57.03	57.16	58.56	-1.40	0.13	0.04	0.09
5 !	0.419	56.65	56.78	57.47	-0.69	0.13	0.04	0.09
6 !	0.510	49.85	49.97	56.00	-6.03	0.12	0.04	0.08

NOTE 1 – The worst emission is detected at 0.419 MHz with corrected signal level of 56.78 dB(μV) (limit is 57.47 dB(μV)), when the VA of the EUT is connected to LISN.

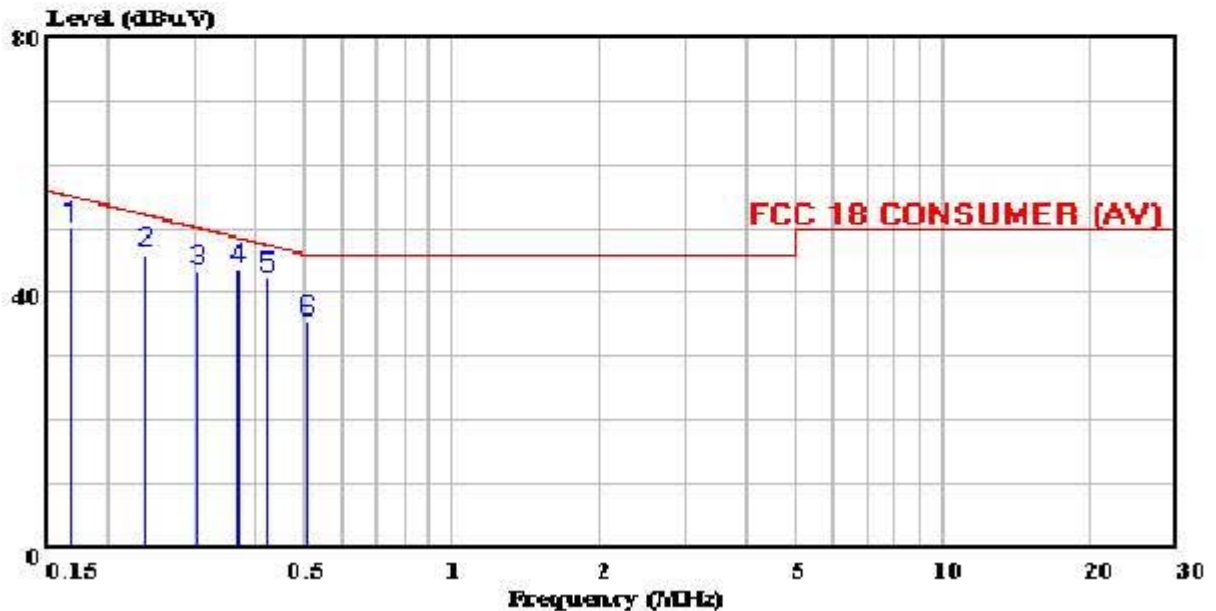
NOTE 2 –At the frequency 0.368MHz and 0.419 MHz the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1211 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-11 Time: 14:00:04



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : ON
Test Engineer: *Solon Gong*

Page: 1

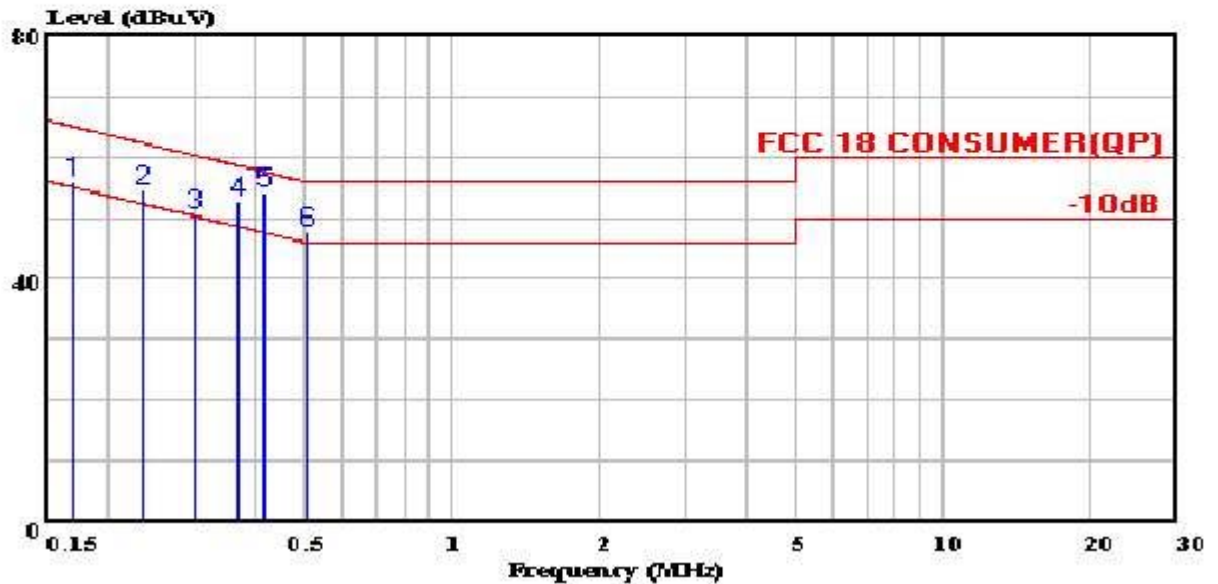
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.167	50.11	50.33	55.10	-4.77	0.22	0.03	0.19
2	0.238	46.07	46.27	52.18	-5.91	0.20	0.04	0.16
3	0.304	43.34	43.48	50.14	-6.66	0.14	0.04	0.10
4	0.368	43.75	43.88	48.56	-4.68	0.13	0.04	0.09
5	0.419	42.14	42.27	47.47	-5.20	0.13	0.04	0.09
6	0.510	35.33	35.45	46.00	-10.55	0.12	0.04	0.08



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1213 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-11 Time: 14:06:40



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VB
Test Mode : ON
Test Engineer: Solon Gong

Page: 1

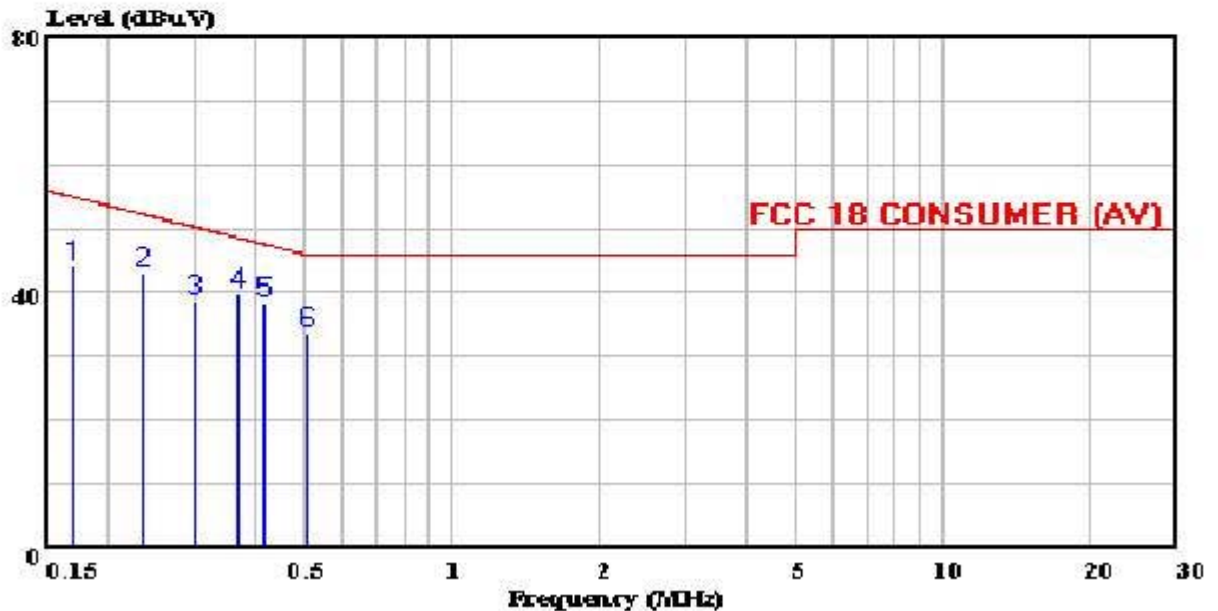
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.169	55.61	55.84	64.99	-9.15	0.23	0.03	0.20
2 !	0.236	54.22	54.42	62.23	-7.81	0.20	0.04	0.16
3 !	0.301	50.23	50.43	60.21	-9.78	0.20	0.04	0.16
4 !	0.369	52.69	52.87	58.53	-5.66	0.18	0.04	0.14
5 !	0.417	54.06	54.23	57.51	-3.28	0.17	0.04	0.13
6 !	0.507	47.59	47.74	56.00	-8.26	0.15	0.04	0.11



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1214 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-11 Time: 14:06:40



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : ON
Test Engineer: *Solon Gong*

Page: 1

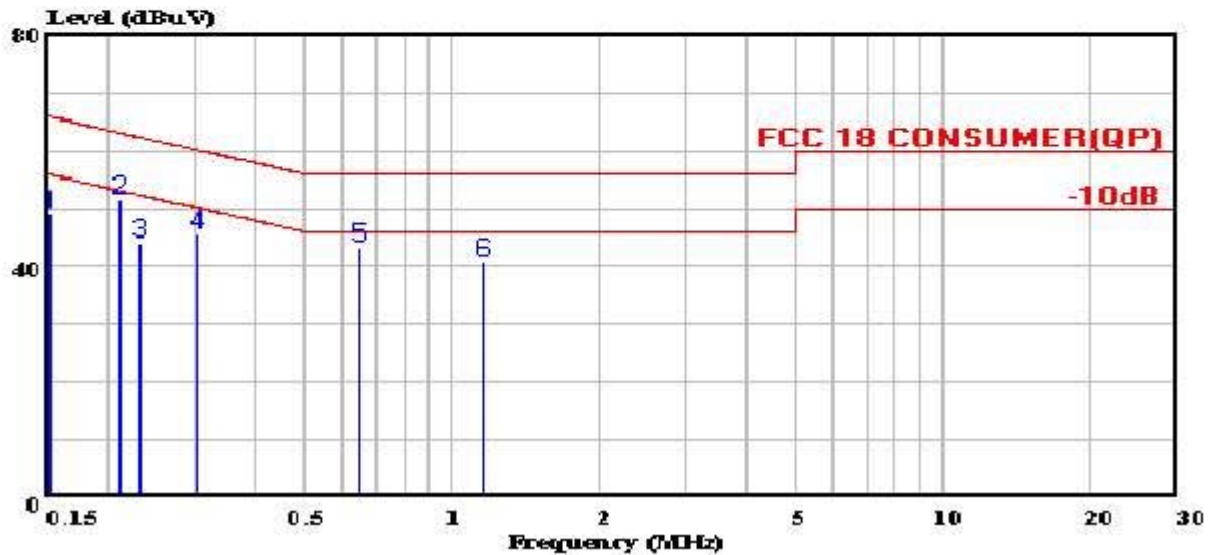
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.169	44.03	44.26	54.99	-10.73	0.23	0.03	0.20
2	0.236	42.83	43.03	52.23	-9.20	0.20	0.04	0.16
3	0.301	38.62	38.82	50.21	-11.39	0.20	0.04	0.16
4	0.369	39.82	40.00	48.53	-8.53	0.18	0.04	0.14
5	0.417	38.27	38.44	47.51	-9.07	0.17	0.04	0.13
6	0.507	33.66	33.81	46.00	-12.19	0.15	0.04	0.11



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 899 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 01:36:56



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-23W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

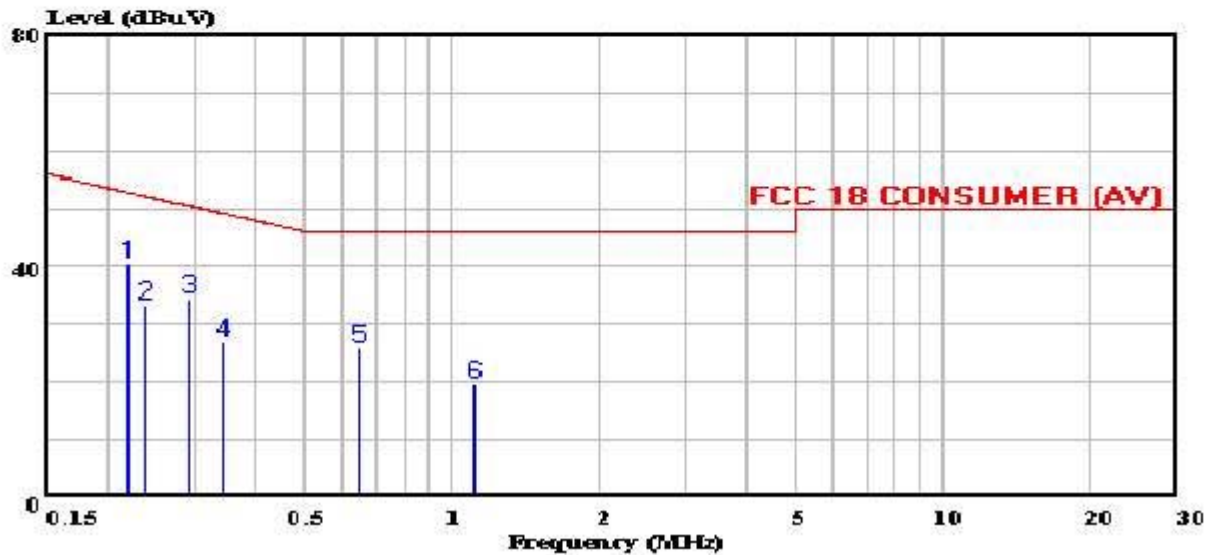
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	48.88	49.10	65.87	-16.77	0.22	0.03	0.19
2	0.211	51.31	51.52	63.15	-11.63	0.21	0.04	0.17
3	0.233	43.80	44.01	62.35	-18.34	0.21	0.04	0.17
4	0.302	45.38	45.52	60.19	-14.67	0.14	0.04	0.10
5	0.644	43.28	43.39	56.00	-12.61	0.11	0.05	0.06
6	1.160	40.90	41.01	56.00	-14.99	0.11	0.06	0.05



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 902 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 01:39:43



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KMW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-23W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

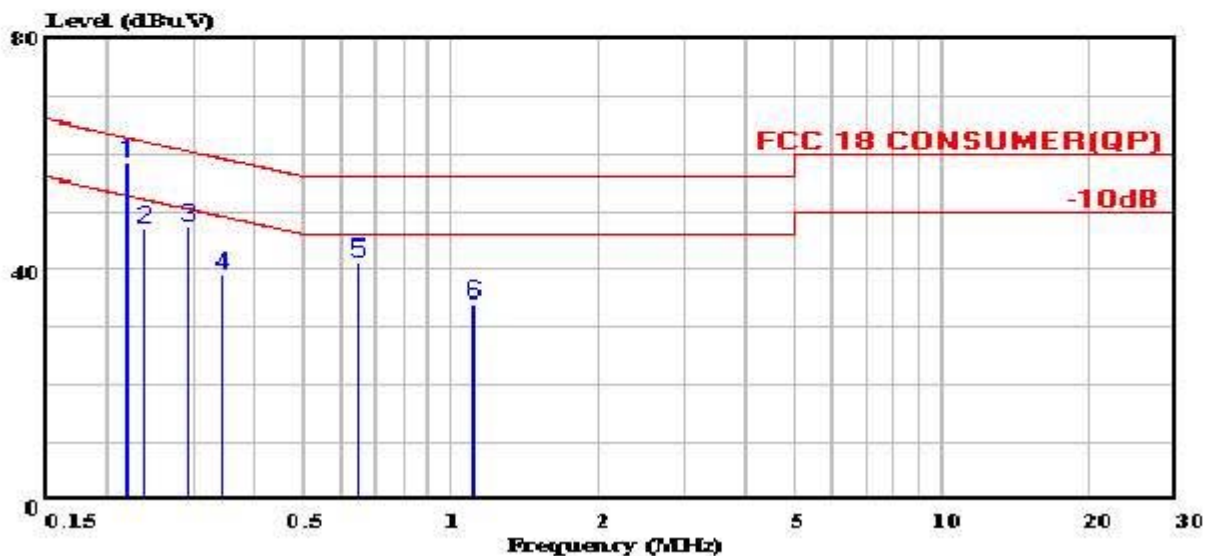
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.218	40.16	40.36	52.89	-12.53	0.20	0.04	0.16
2	0.239	33.15	33.35	52.13	-18.78	0.20	0.04	0.16
3	0.293	34.25	34.45	50.44	-15.99	0.20	0.04	0.16
4	0.344	26.61	26.80	49.12	-22.32	0.19	0.04	0.15
5	0.648	25.52	25.68	46.00	-20.32	0.16	0.05	0.11
6	1.118	19.59	19.76	46.00	-26.24	0.17	0.06	0.11



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 901 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 01:39:43



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-23W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

	Freq	Read	Limit	Over	Cable	Probe
	MHz	Level	Line	Limit	Loss	Factor
		dBuV	dBuV	dB	dB	dB
1 !	0.218	58.26	58.46	62.89	-4.43	0.20
2	0.239	46.71	46.91	62.13	-15.22	0.20
3	0.293	47.03	47.23	60.44	-13.21	0.20
4	0.344	39.05	39.24	59.12	-19.88	0.19
5	0.648	41.16	41.32	56.00	-14.68	0.16
6	1.118	33.89	34.06	56.00	-21.94	0.17

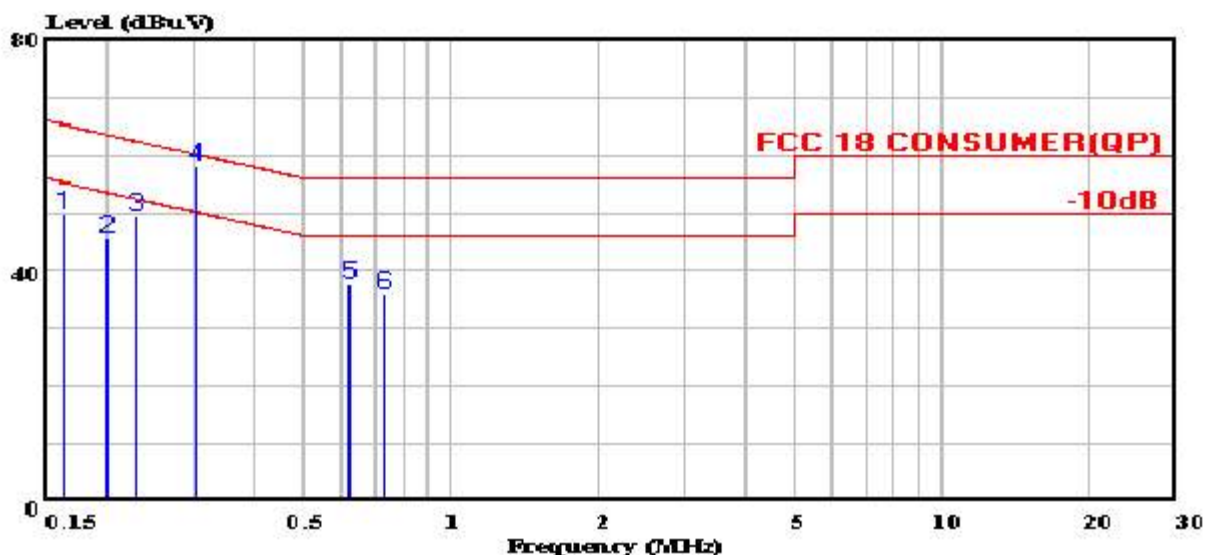
NOTE – The worst emission is detected at 0.218 MHz with corrected signal level of 58.46dB(μV) (limit is 62.89 dB(μV)), when the VB of the EUT is connected to LISN.



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 925 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 05:56:15



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : ~~Fluorescent~~ Lamp
M/N : 120V/60Hz
S/N : ~~XXXXXXXXXX~~
Power Supply : 120V/50Hz
Ambient : 23°C 56%RH
Test line : VA
Test Mode : *Solomon Gong*
Test Engineer:

Page: 1

	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.164	49.69	49.91	65.27	-15.36	0.22	0.03	0.19
2	0.200	45.36	45.58	63.62	-18.04	0.22	0.04	0.18
3	0.229	49.13	49.34	62.49	-13.15	0.21	0.04	0.17
4 !	0.304	58.06	58.20	60.14	-1.94	0.14	0.04	0.10
5	0.620	37.40	37.51	56.00	-18.49	0.11	0.04	0.07
6	0.734	35.87	35.98	56.00	-20.02	0.11	0.05	0.06

NOTE 1 – The worst emission is detected at 0.304 MHz with corrected signal level of 58.20 dB(μV) (limit is 60.14 dB(μV)), when the VA of the EUT is connected to LISN.

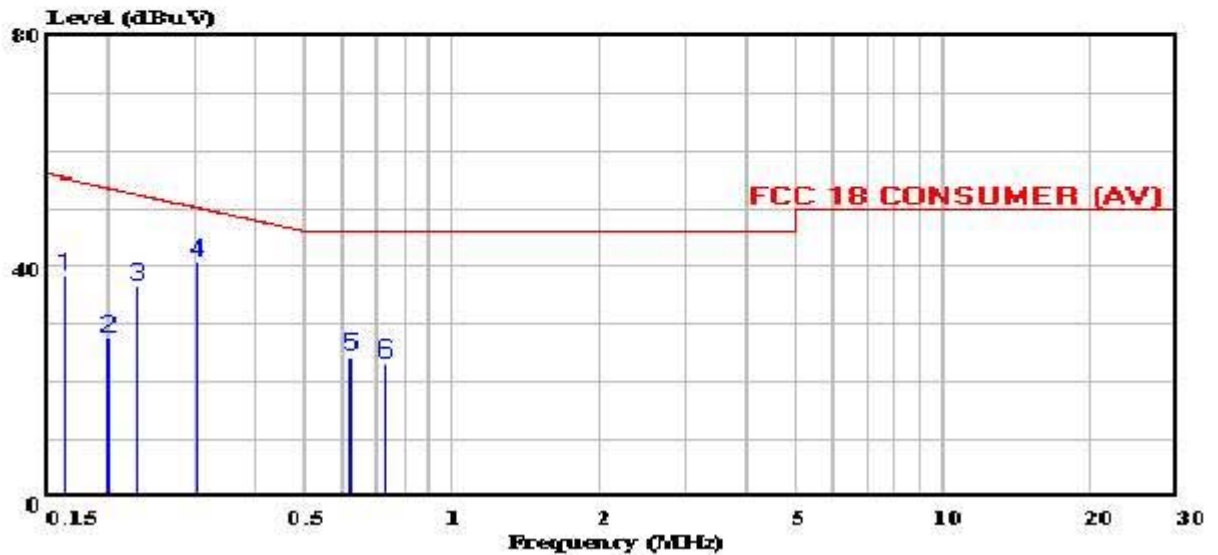
NOTE 2 –At the frequency 0.304MHz, the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 926 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 05:56:15



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KNW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-26W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

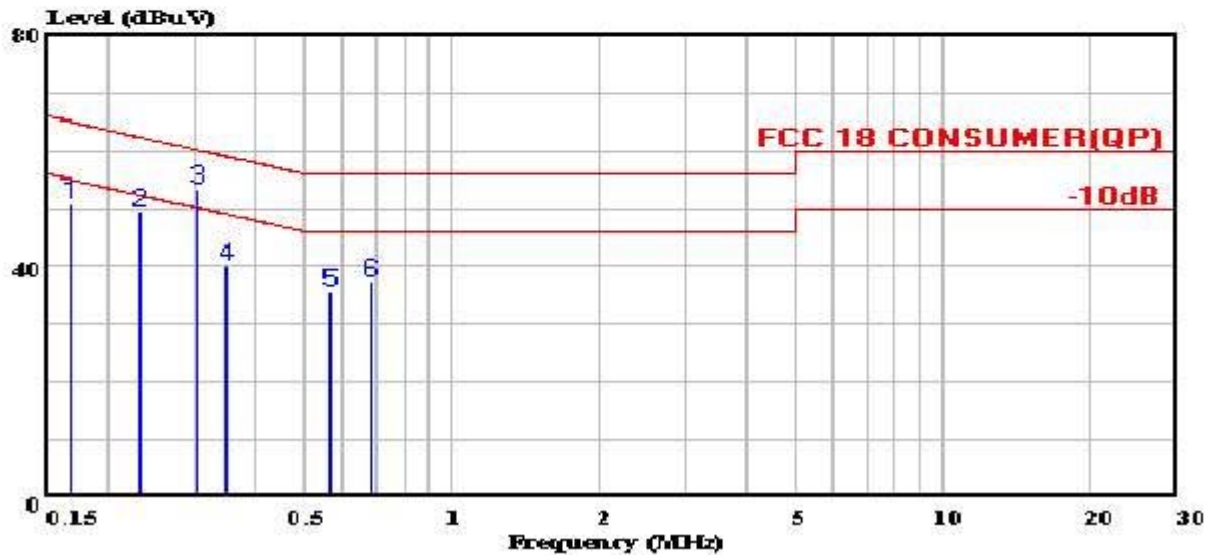
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.164	38.07	38.29	55.27	-16.98	0.22	0.03	0.19
2	0.200	27.58	27.80	53.62	-25.82	0.22	0.04	0.18
3	0.229	36.45	36.66	52.49	-15.83	0.21	0.04	0.17
4	0.304	40.89	41.03	50.14	-9.11	0.14	0.04	0.10
5	0.620	24.28	24.39	46.00	-21.61	0.11	0.04	0.07
6	0.734	23.25	23.36	46.00	-22.64	0.11	0.05	0.06



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 922 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 05:31:51



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-26W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

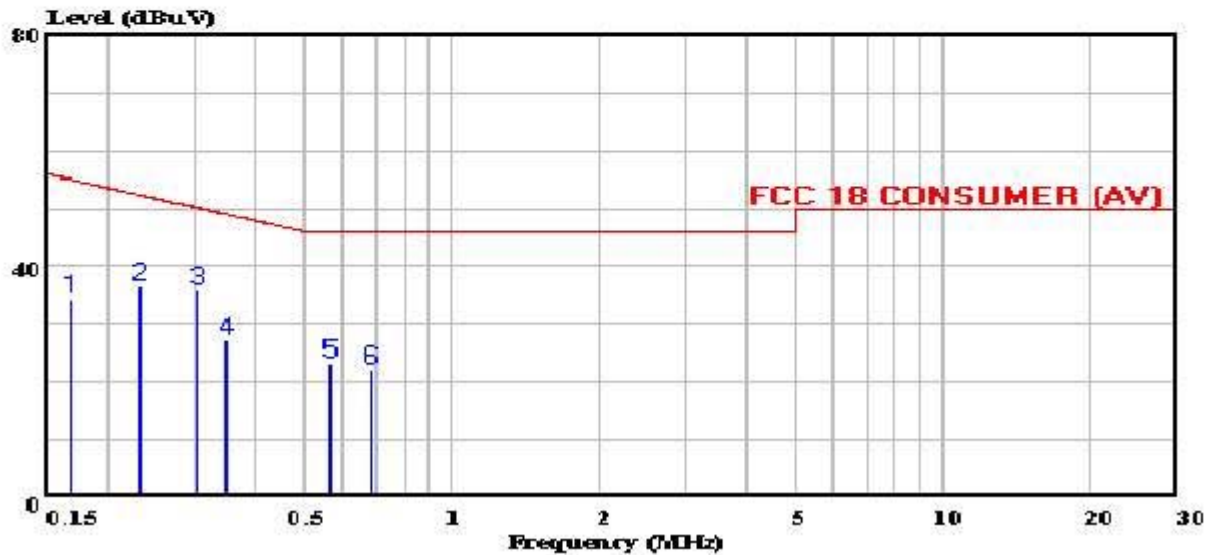
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.167	50.67	50.90	65.11	-14.21	0.23	0.03	0.20
2	0.230	49.39	49.59	62.44	-12.85	0.20	0.04	0.16
3	0.301	53.11	53.31	60.20	-6.89	0.20	0.04	0.16
4	0.347	39.97	40.16	59.04	-18.88	0.19	0.04	0.15
5	0.567	35.47	35.62	56.00	-20.38	0.15	0.04	0.11
6	0.687	37.14	37.30	56.00	-18.70	0.16	0.05	0.11



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 923 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 05:31:51



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KMW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-26W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

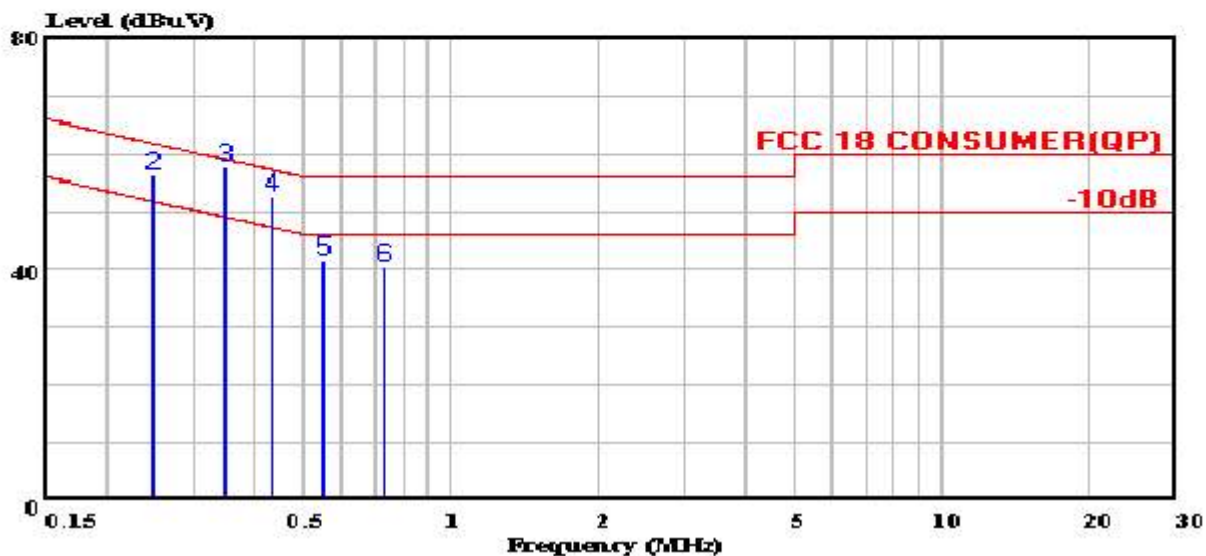
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.167	34.16	34.39	55.11	-20.72	0.23	0.03	0.20
2	0.230	36.28	36.48	52.44	-15.96	0.20	0.04	0.16
3	0.301	35.55	35.75	50.20	-14.45	0.20	0.04	0.16
4	0.347	27.20	27.39	49.04	-21.65	0.19	0.04	0.15
5	0.567	23.03	23.18	46.00	-22.82	0.15	0.04	0.11
6	0.687	22.20	22.36	46.00	-23.64	0.16	0.05	0.11



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1029 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-02 Time: 19:58:49



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KMW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Lamp
M/N : 120V/60Hz
S/N : E03033154
Power Supply : 120V/50Hz
Ambient : 23'C 56%RH
Test line :
Test Mode : *Solon Gong*
Test Engineer:

Page: 1

	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.150	52.70	52.92	66.00	-13.08	0.22	0.03	0.19
2 !	0.249	56.10	56.30	61.79	-5.49	0.20	0.04	0.16
3 !	0.348	57.60	57.73	59.01	-1.28	0.13	0.04	0.09
4 !	0.429	52.50	52.63	57.27	-4.64	0.13	0.04	0.09
5	0.550	41.51	41.62	56.00	-14.38	0.11	0.04	0.07
6	0.731	40.40	40.51	56.00	-15.49	0.11	0.05	0.06

NOTE 1 – The worst emission is detected at 0.348 MHz with corrected signal level of 57.73 dB(μV) (limit is 59.01 dB(μV)), when the VA of the EUT is connected to LISN.

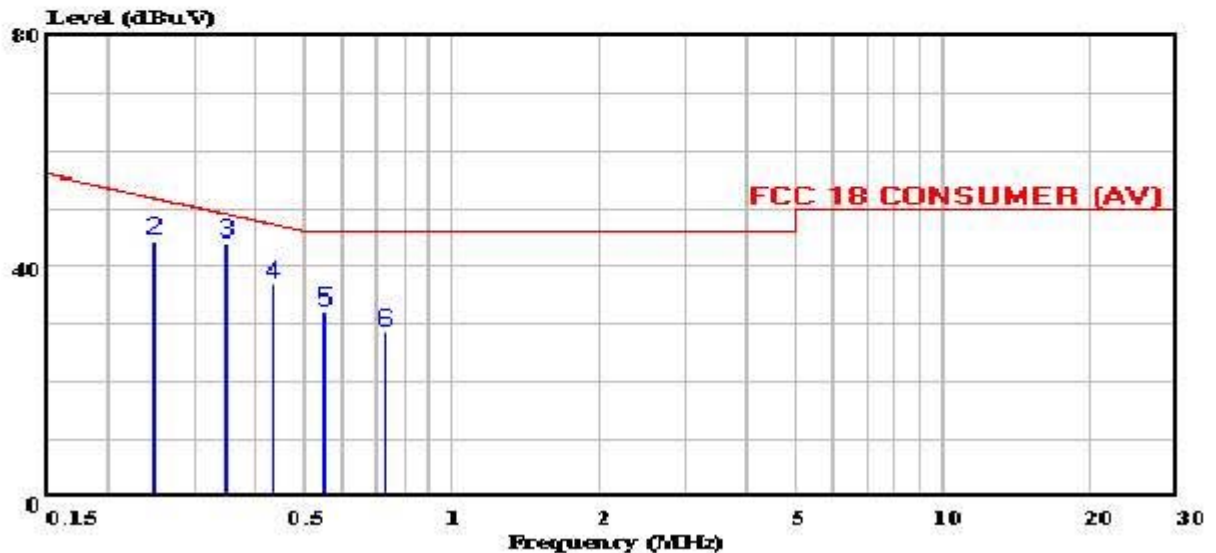
NOTE 2 –At the frequency 0.348MHz[VA (QP)], 0.347MHz[VB (QP)]the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 312 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-02 Time: 20:06:39



Site : Conducted emission
Condition : FCC 18 CONSUMER (AV) KMW-407 VA
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-30W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

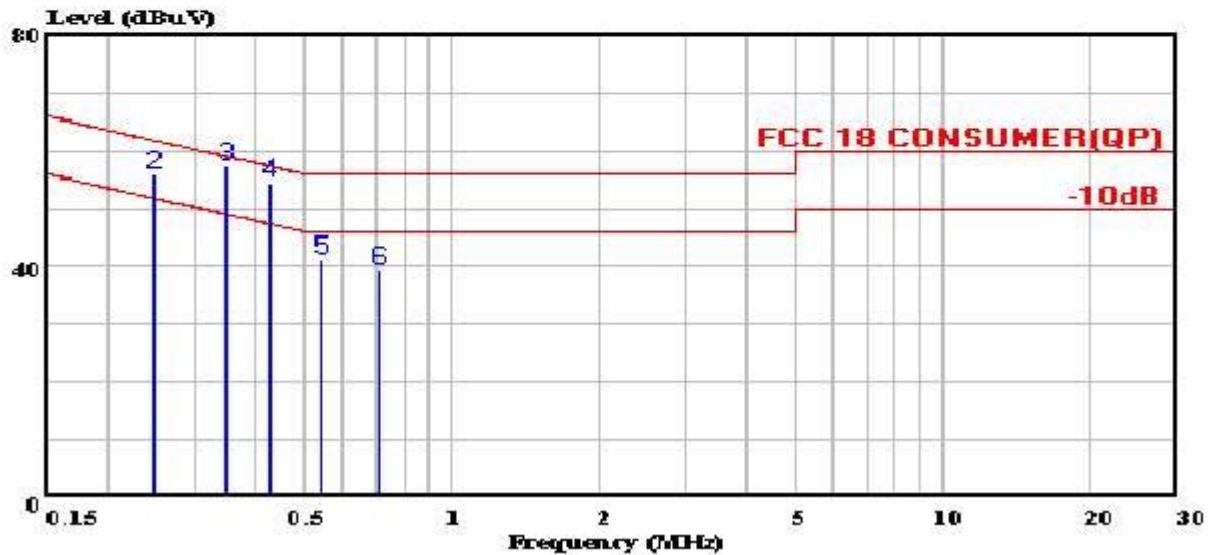
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.150	42.30	42.52	56.00	-13.48	0.22	0.03	0.19
2	0.249	44.40	44.60	51.79	-7.19	0.20	0.04	0.16
3	0.348	43.90	44.03	49.01	-4.98	0.13	0.04	0.09
4	0.429	36.70	36.83	47.27	-10.44	0.13	0.04	0.09
5	0.550	32.31	32.42	46.00	-13.58	0.11	0.04	0.07
6	0.731	28.60	28.71	46.00	-17.29	0.11	0.05	0.06



3F #34Bldg. No.680 GuiPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China
Tel:+86-21-64955500
Fax:+86-21-64955491
aciemc@audix.com

Data#: 1030 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-02 Time: 19:46:49



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : Energy Saving Lamp
M/N : FE-USD-30W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.150	54.20	54.46	66.00	-11.54	0.26	0.03	0.23
2	0.247	55.80	56.00	61.86	-5.86	0.20	0.04	0.16
3	0.347	57.20	57.39	59.03	-1.64	0.19	0.04	0.15
4	0.425	54.30	54.47	57.35	-2.88	0.17	0.04	0.13
5	0.547	41.10	41.25	56.00	-14.75	0.15	0.04	0.11
6	0.717	39.30	39.46	56.00	-16.54	0.16	0.05	0.11