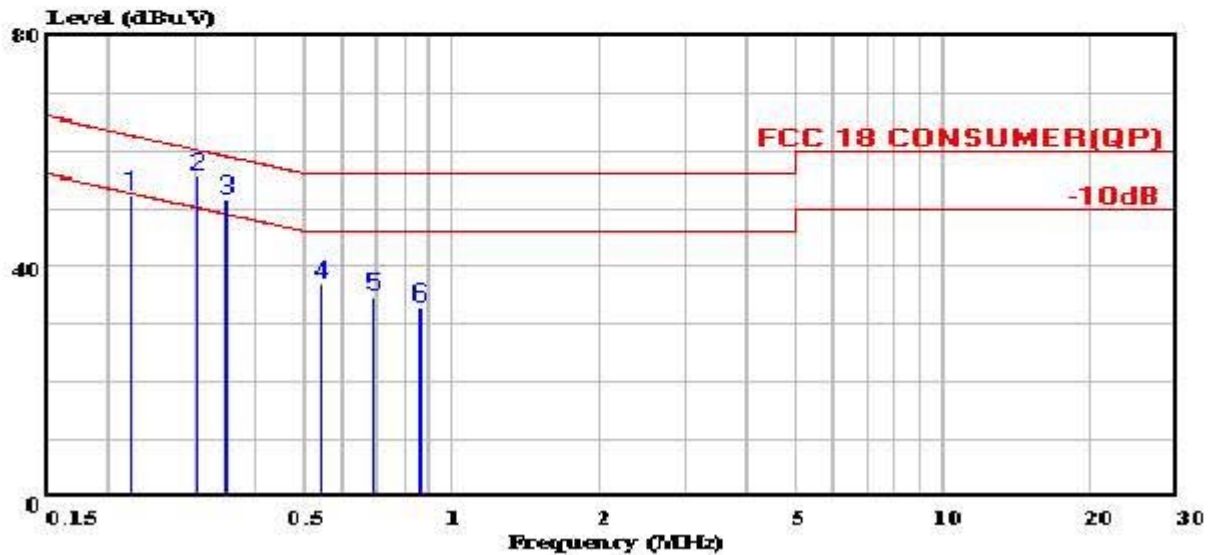




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aciemc@audix.com

Data#: 166 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 18:39:20



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-G25DA-9W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

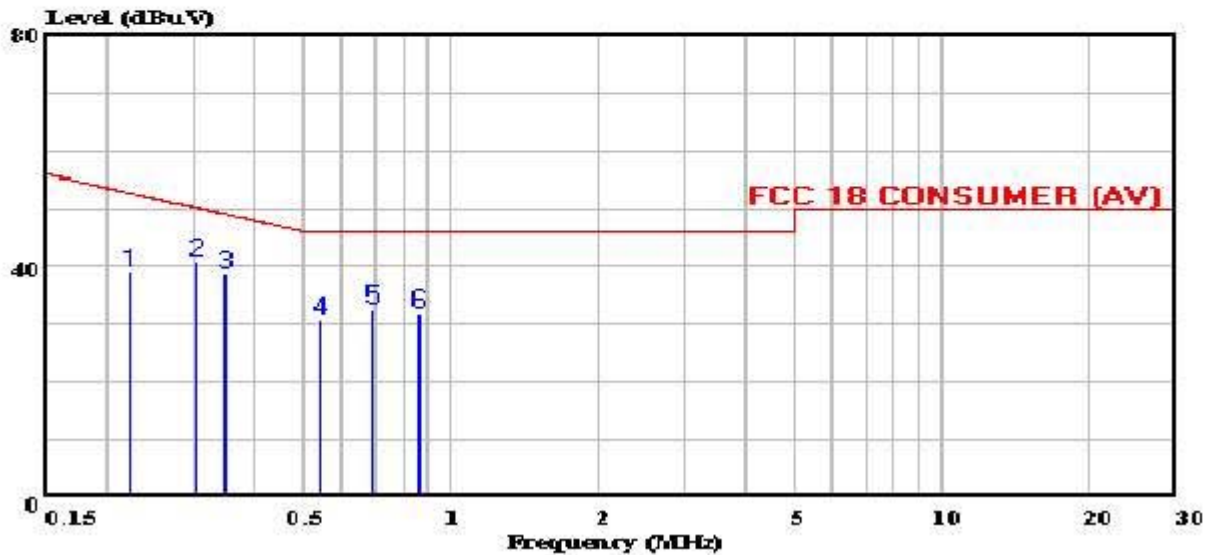
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.221	52.10	52.31	62.78	-10.47	0.21	0.04	0.17
2	0.305	55.60	55.74	60.11	-4.37	0.14	0.04	0.10
3	0.348	51.50	51.63	59.01	-7.38	0.13	0.04	0.09
4	0.546	37.01	37.12	56.00	-18.88	0.11	0.04	0.07
5	0.694	34.70	34.81	56.00	-21.19	0.11	0.05	0.06
6	0.866	33.00	33.10	56.00	-22.90	0.10	0.05	0.05



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Data#: 167 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 18:39:42



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-G25DA-9W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

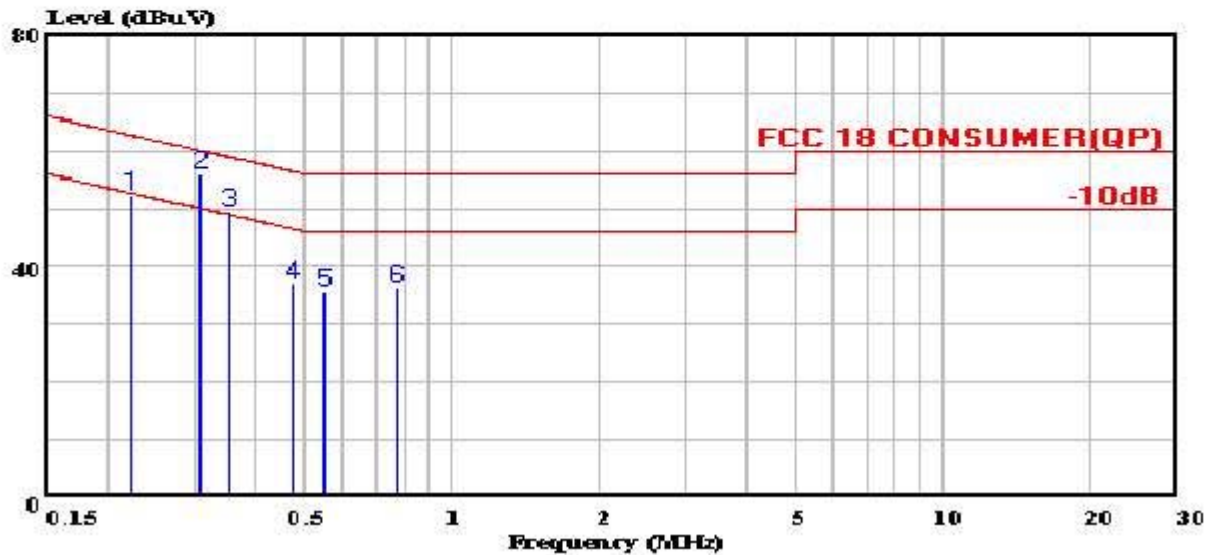
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.221	38.80	39.01	52.78	-13.77	0.21	0.04	0.17
2	0.305	40.60	40.74	50.11	-9.37	0.14	0.04	0.10
3	0.348	38.50	38.63	49.01	-10.38	0.13	0.04	0.09
4	0.546	30.91	31.02	46.00	-14.98	0.11	0.04	0.07
5	0.694	32.60	32.71	46.00	-13.29	0.11	0.05	0.06
6	0.866	31.70	31.80	46.00	-14.20	0.10	0.05	0.05



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Data#: 169 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 18:44:26



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-G25DA-9W
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	Limit	Over	Cable	Probe
	MHz	Level	Level	Line	Limit	Loss	Factor
		dBuV	dBuV	dBuV	dB	dB	dB
1	0.222	52.00	52.20	62.74	-10.54	0.20	0.16
2 !	0.308	55.80	56.00	60.02	-4.02	0.20	0.16
3 !	0.350	49.50	49.68	58.96	-9.28	0.18	0.14
4	0.476	36.91	37.06	56.41	-19.35	0.15	0.11
5	0.549	35.40	35.55	56.00	-20.45	0.15	0.11
6	0.775	36.10	36.26	56.00	-19.74	0.16	0.11

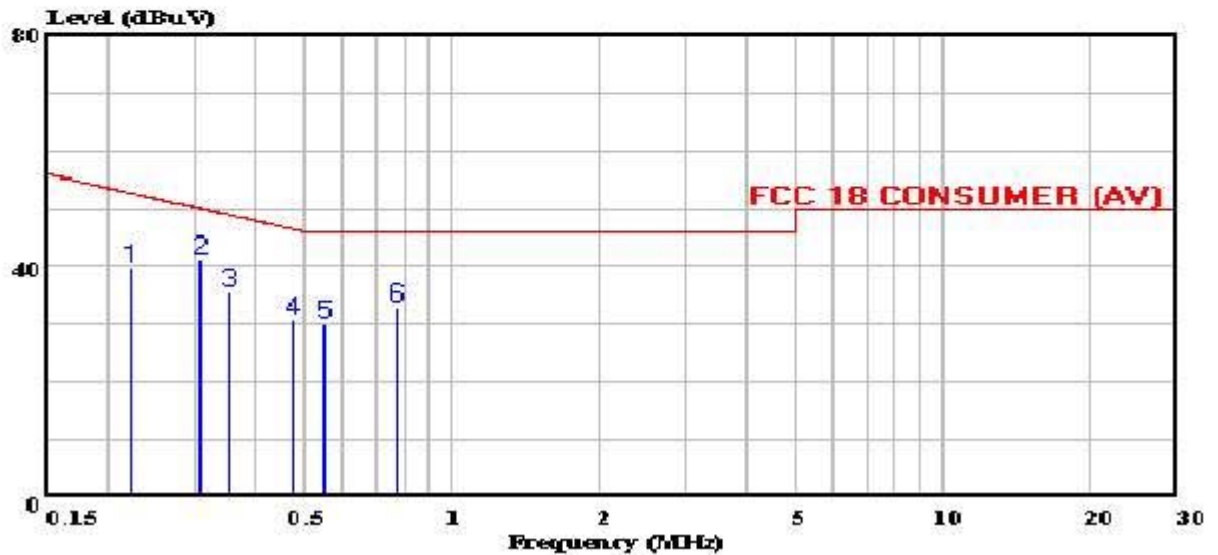
NOTE – The worst emission is detected at 0.308 MHz with corrected signal level of 56.00dB(μV) (limit is 60.02 dB(μV)), when the VB of the EUT is connected to LISN.



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Data#: 170 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 18:44:54



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-G25DA-9W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

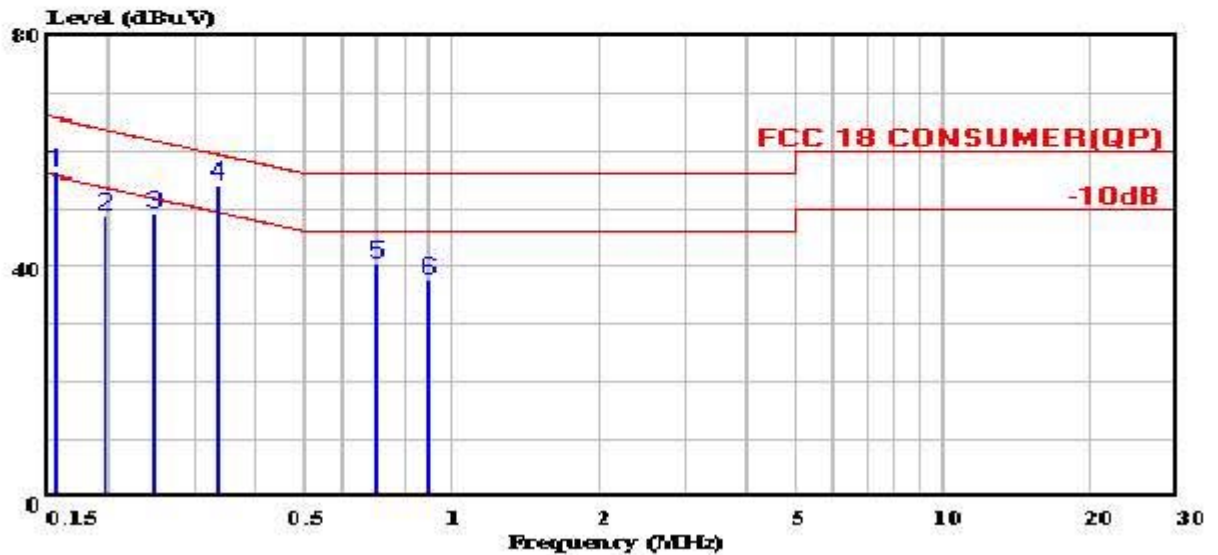
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.222	39.50	39.70	52.74	-13.04	0.20	0.04	0.16
2	0.308	41.20	41.40	50.02	-8.62	0.20	0.04	0.16
3	0.350	35.50	35.68	48.96	-13.28	0.18	0.04	0.14
4	0.476	30.61	30.76	46.41	-15.65	0.15	0.04	0.11
5	0.549	30.10	30.25	46.00	-15.75	0.15	0.04	0.11
6	0.775	32.80	32.96	46.00	-13.04	0.16	0.05	0.11



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Data#: 823 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 17:03:53



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-G25DA-11W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

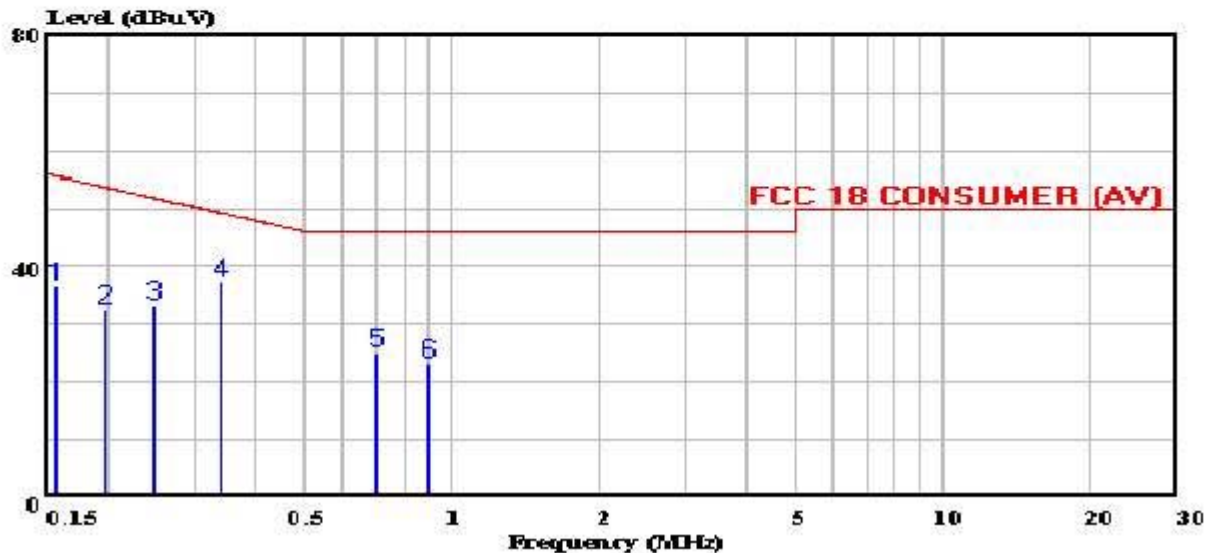
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.157	56.17	56.39	65.64	-9.25	0.22	0.03	0.19
2	0.197	48.41	48.63	63.75	-15.12	0.22	0.04	0.18
3	0.249	48.83	49.03	61.81	-12.78	0.20	0.04	0.16
4 !	0.336	53.92	54.06	59.31	-5.25	0.14	0.04	0.10
5	0.700	40.50	40.61	56.00	-15.39	0.11	0.05	0.06
6	0.900	37.41	37.51	56.00	-18.49	0.10	0.05	0.05



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Data#: 824 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 17:08:34



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-G25DA-11W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

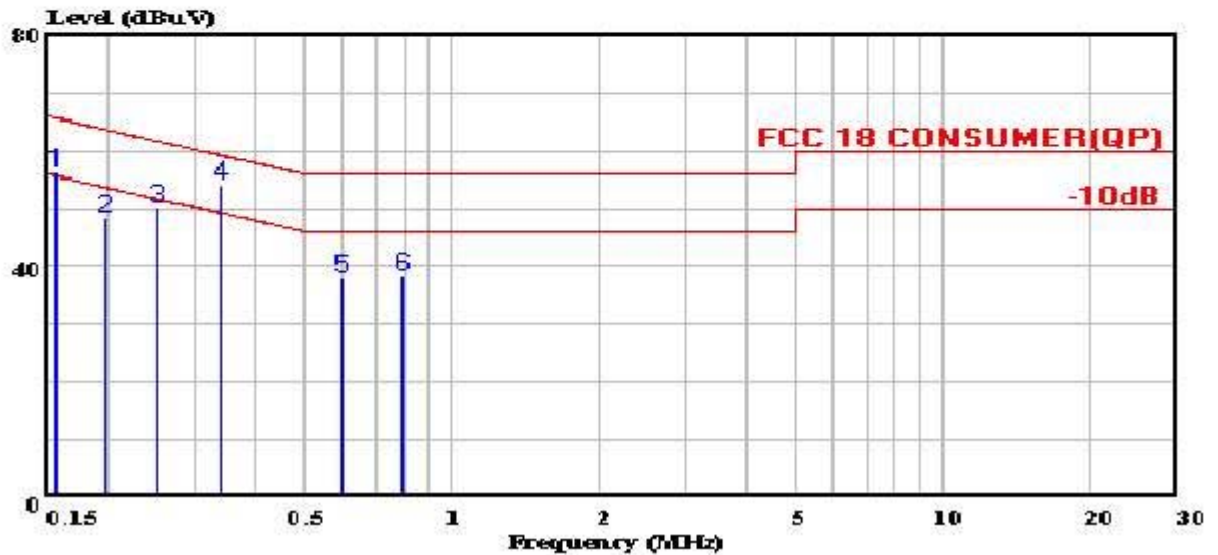
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.157	36.40	36.62	55.62	-19.00	0.22	0.03	0.19
2	0.197	32.60	32.82	53.74	-20.92	0.22	0.04	0.18
3	0.249	33.00	33.20	51.79	-18.59	0.20	0.04	0.16
4	0.336	37.00	37.14	49.30	-12.16	0.14	0.04	0.10
5	0.700	25.00	25.11	46.00	-20.89	0.11	0.05	0.06
6	0.900	23.20	23.30	46.00	-22.70	0.10	0.05	0.05



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Data#: 820 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 16:55:43



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-G25DA-11W
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	Limit	Over	Cable	Probe
	MHz	Level	Level	Line	Limit	Loss	Factor
		dBuV	dBuV	dBuV	dB	dB	dB
1 !	0.156	55.90	56.15	65.67	-9.52	0.25	0.03
2	0.196	48.39	48.60	63.78	-15.18	0.21	0.04
3	0.250	50.20	50.40	61.76	-11.36	0.20	0.04
4 !	0.338	54.00	54.19	59.25	-5.06	0.19	0.04
5	0.601	37.70	37.85	56.00	-18.15	0.15	0.04
6	0.798	38.10	38.26	56.00	-17.74	0.16	0.05

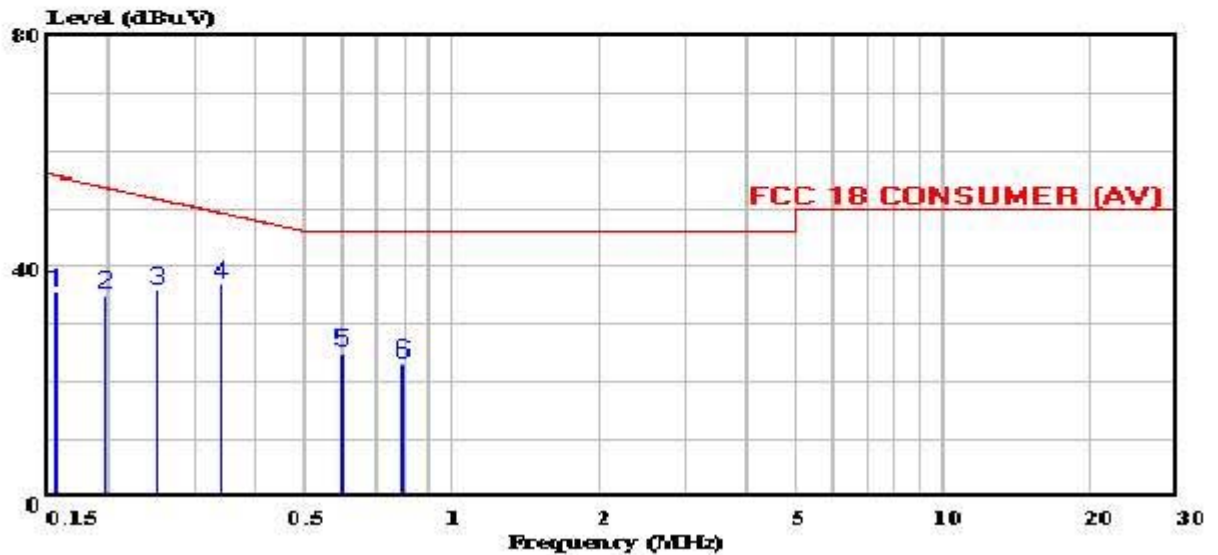
NOTE – The worst emission is detected at 0.338 MHz with corrected signal level of 54.19dB(μV) (limit is 59.25 dB(μV)), when the VB of the EUT is connected to LISN.



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Data#: 821 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 17:01:00



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-G25DA-11W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

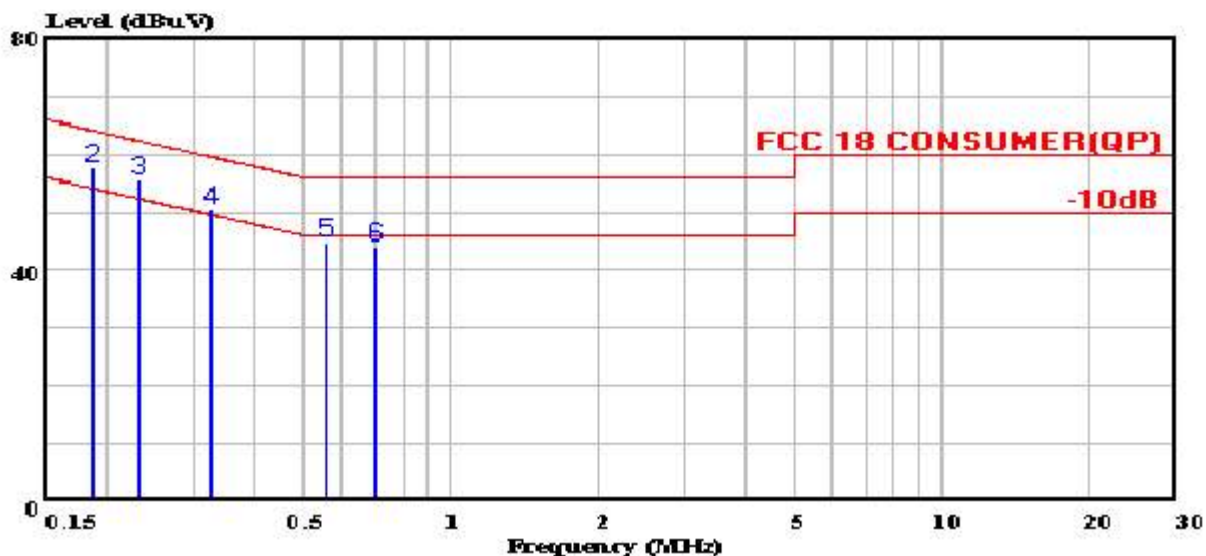
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.156	35.30	35.55	55.67	-20.12	0.25	0.03	0.22
2	0.196	34.99	35.20	53.78	-18.58	0.21	0.04	0.17
3	0.250	35.80	36.00	51.76	-15.76	0.20	0.04	0.16
4	0.338	36.70	36.89	49.25	-12.36	0.19	0.04	0.15
5	0.601	25.00	25.15	46.00	-20.85	0.15	0.04	0.11
6	0.798	23.00	23.16	46.00	-22.84	0.16	0.05	0.11



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Data#: 826 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 17:11:31



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 : 3W
S/N : 120V/60Hz
Power Supply : 120V/50Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode :
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	64.70	64.92	66.00	-1.08	0.22	0.03	0.19
2 !	0.186	57.47	57.69	64.22	-6.53	0.22	0.04	0.18
3 !	0.231	55.41	55.62	62.41	-6.79	0.21	0.04	0.17
4 !	0.326	50.33	50.47	59.56	-9.09	0.14	0.04	0.10
5	0.557	44.61	44.72	56.00	-11.28	0.11	0.04	0.07
6	0.700	44.07	44.18	56.00	-11.82	0.11	0.05	0.06

NOTE 1 – The worst emission is detected at 0.150 MHz with corrected signal level of 64.92 dB(μV) (limit is 66.00 dB(μV)), when the VA of the EUT is connected to LISN.

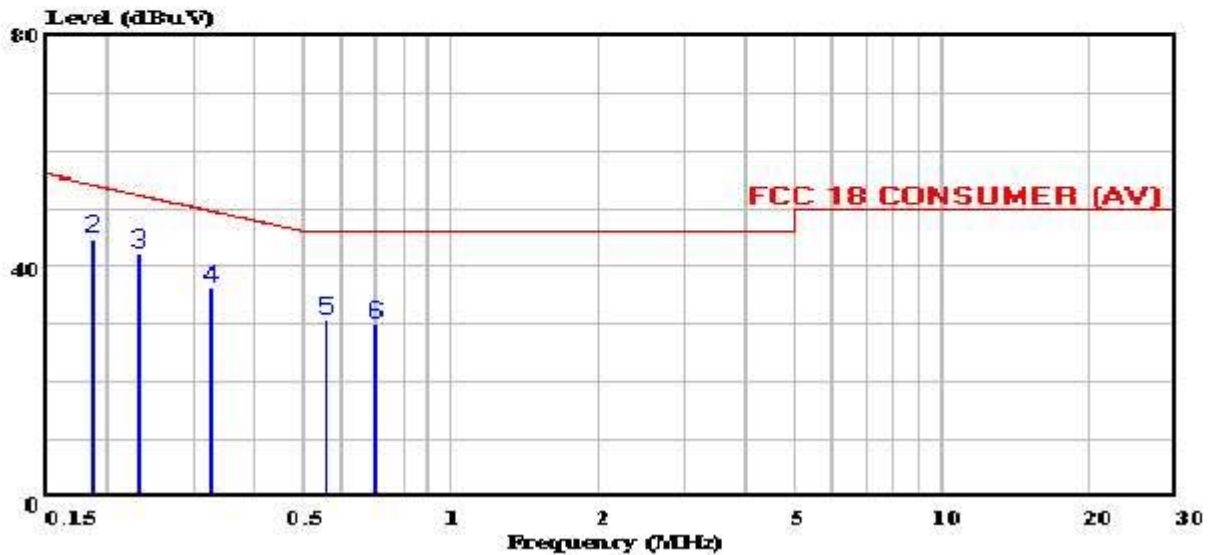
NOTE 2 –At the frequency 0.150 MHz [VA (QP)], 0.150 MHz [VB (QP)], the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



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Data#: 827 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 17:16:34



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-G25DB-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

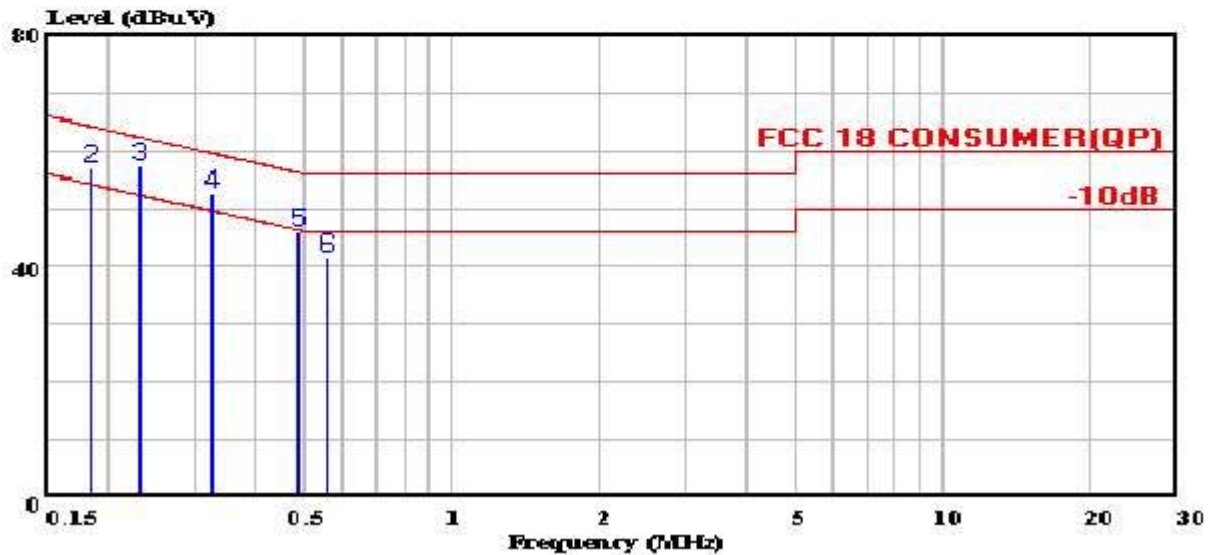
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.150	46.30	46.52	55.99	-9.47	0.22	0.03	0.19
2	0.186	44.50	44.72	54.21	-9.49	0.22	0.04	0.18
3	0.231	42.00	42.21	52.41	-10.20	0.21	0.04	0.17
4	0.326	36.00	36.14	49.55	-13.41	0.14	0.04	0.10
5	0.557	30.91	31.02	46.00	-14.98	0.11	0.04	0.07
6	0.700	30.10	30.21	46.00	-15.79	0.11	0.05	0.06



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Data#: 829 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 17:18:27



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-G25DB-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

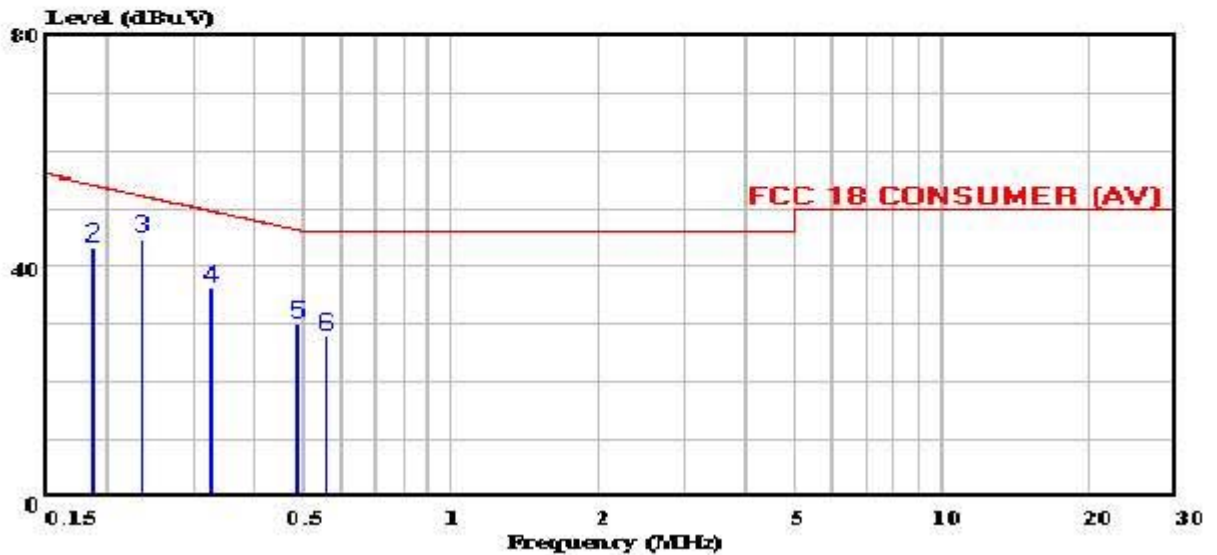
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.150	64.50	64.76	65.99	-1.23	0.26	0.03	0.23
2 !	0.185	56.99	57.21	64.26	-7.05	0.22	0.04	0.18
3 !	0.233	57.21	57.41	62.36	-4.95	0.20	0.04	0.16
4 !	0.326	52.69	52.88	59.54	-6.66	0.19	0.04	0.15
5	0.488	45.70	45.85	56.21	-10.36	0.15	0.04	0.11
6	0.562	41.64	41.79	56.00	-14.21	0.15	0.04	0.11



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Data#: 830 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 17:27:55



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-G25DB-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

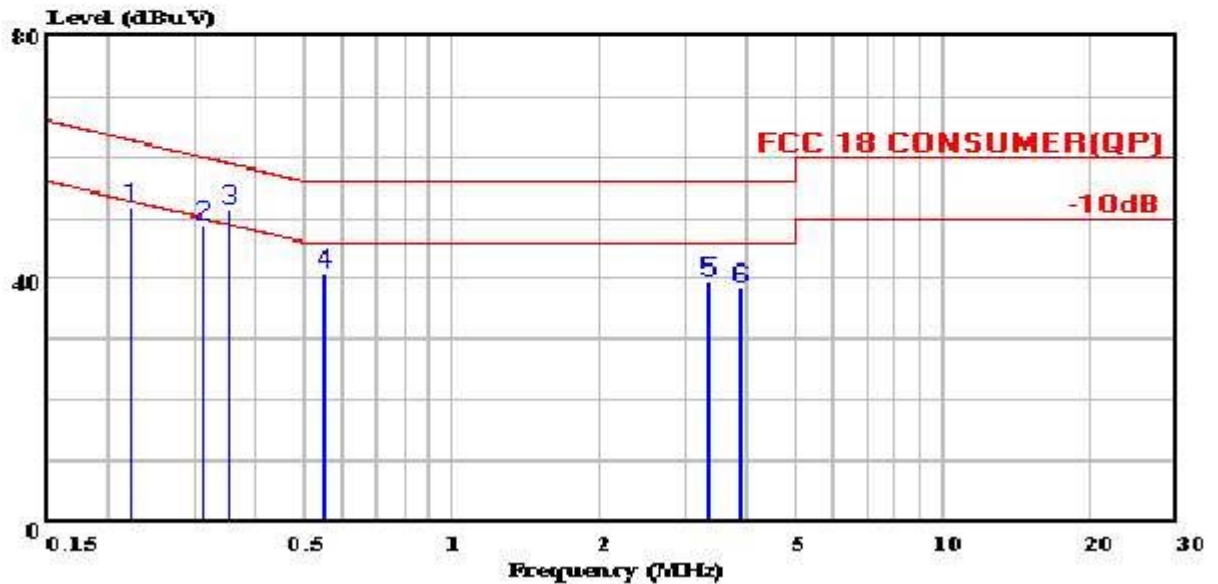
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.150	47.00	47.26	55.99	-8.73	0.26	0.03	0.23
2	0.186	43.09	43.31	54.21	-10.90	0.22	0.04	0.18
3	0.233	44.70	44.90	52.34	-7.44	0.20	0.04	0.16
4	0.326	35.90	36.09	49.55	-13.46	0.19	0.04	0.15
5	0.488	29.85	30.00	46.20	-16.20	0.15	0.04	0.11
6	0.562	28.00	28.15	46.00	-17.85	0.15	0.04	0.11



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Data#: 11 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-18 Time: 19:14:38



Site : Radiated Magnetic
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-G25DB-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

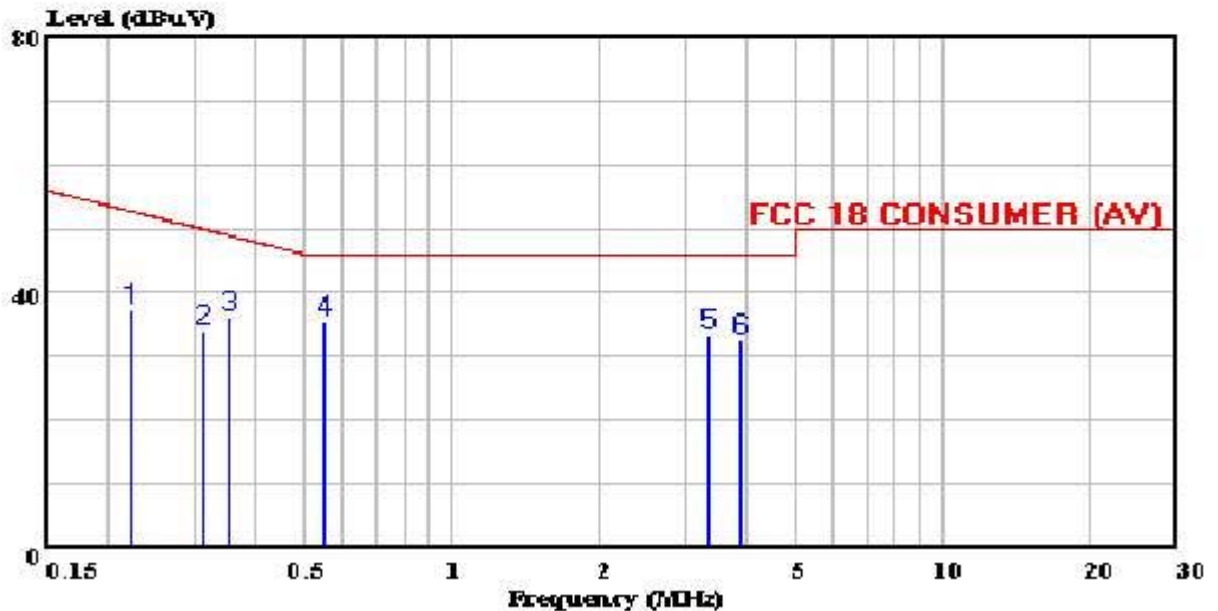
	Freq	Read Level	Limit Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.221	51.40	51.61	62.78	-11.17	0.21	0.04	0.17
2	0.310	48.60	48.74	59.97	-11.23	0.14	0.04	0.10
3	0.354	51.10	51.23	58.87	-7.64	0.13	0.04	0.09
4	0.552	40.61	40.72	56.00	-15.28	0.11	0.04	0.07
5	3.330	39.21	39.38	56.00	-16.62	0.17	0.10	0.07
6	3.860	38.20	38.39	56.00	-17.61	0.19	0.11	0.08



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Data#: 12 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-18 Time: 19:15:23



Site : Radiated Magnetic
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-G25DB-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

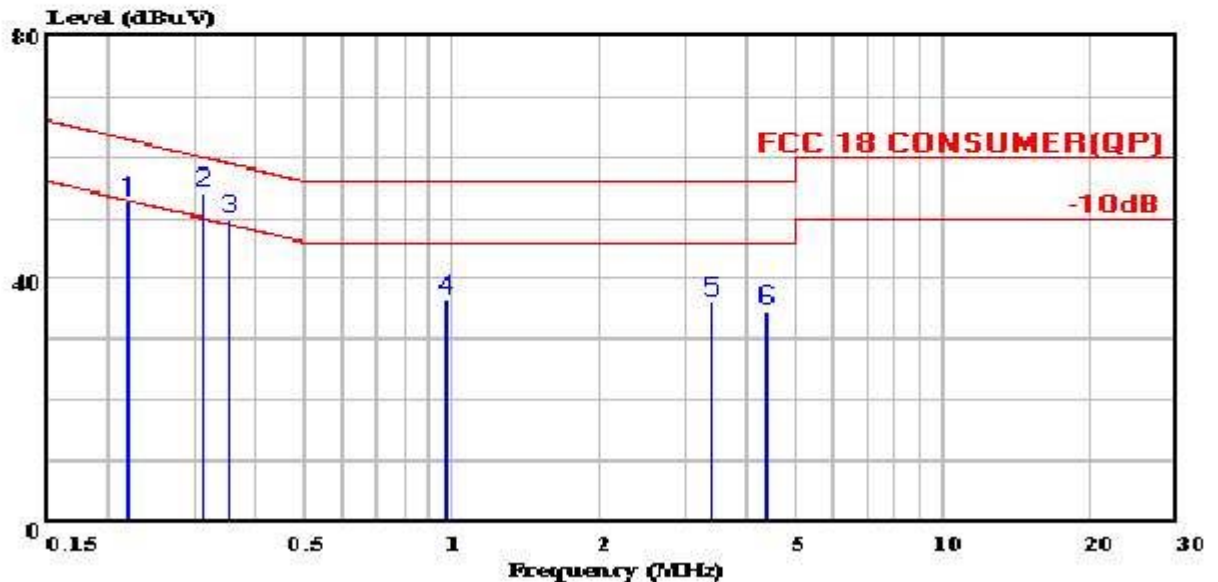
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.221	37.20	37.41	52.78	-15.37	0.21	0.04	0.17
2	0.310	34.10	34.24	49.97	-15.73	0.14	0.04	0.10
3	0.354	36.10	36.23	48.87	-12.64	0.13	0.04	0.09
4	0.552	35.51	35.62	46.00	-10.38	0.11	0.04	0.07
5	3.330	33.21	33.38	46.00	-12.62	0.17	0.10	0.07
6	3.860	32.30	32.49	46.00	-13.51	0.19	0.11	0.08



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Data#: 8 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-18 Time: 18:55:26



Site : Radiated Magnetic
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-G25DB-16W
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	0.220	52.50	52.70	62.82	-10.12	0.20	0.04	0.16
2	0.310	54.00	54.20	59.97	-5.77	0.20	0.04	0.16
3	0.354	49.80	49.98	58.87	-8.89	0.18	0.04	0.14
4	0.968	36.40	36.56	56.00	-19.44	0.16	0.05	0.11
5	3.400	36.09	36.31	56.00	-19.69	0.22	0.11	0.11
6	4.360	34.59	34.82	56.00	-21.18	0.23	0.12	0.11

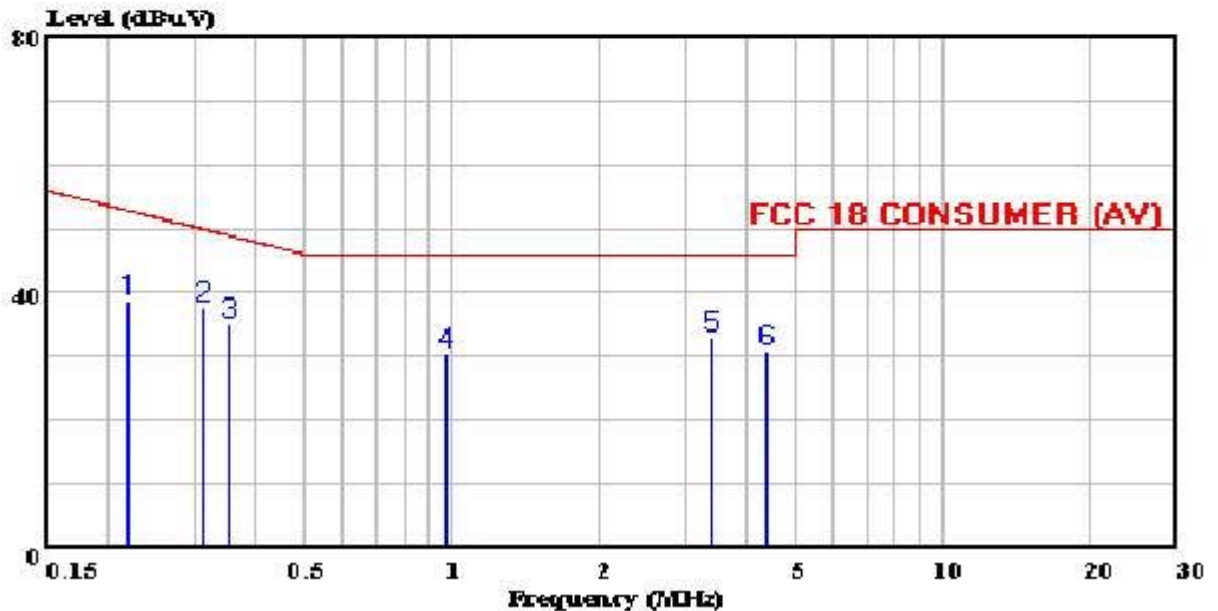
NOTE – The worst emission is detected at 0.310 MHz with corrected signal level of 54.20dB(μV) (limit is 59.97 dB(μV)), when the VB of the EUT is connected to LISN.



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Data#: 9 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-18 Time: 18:57:18



Site : Radiated Magnetic
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-G25DB-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

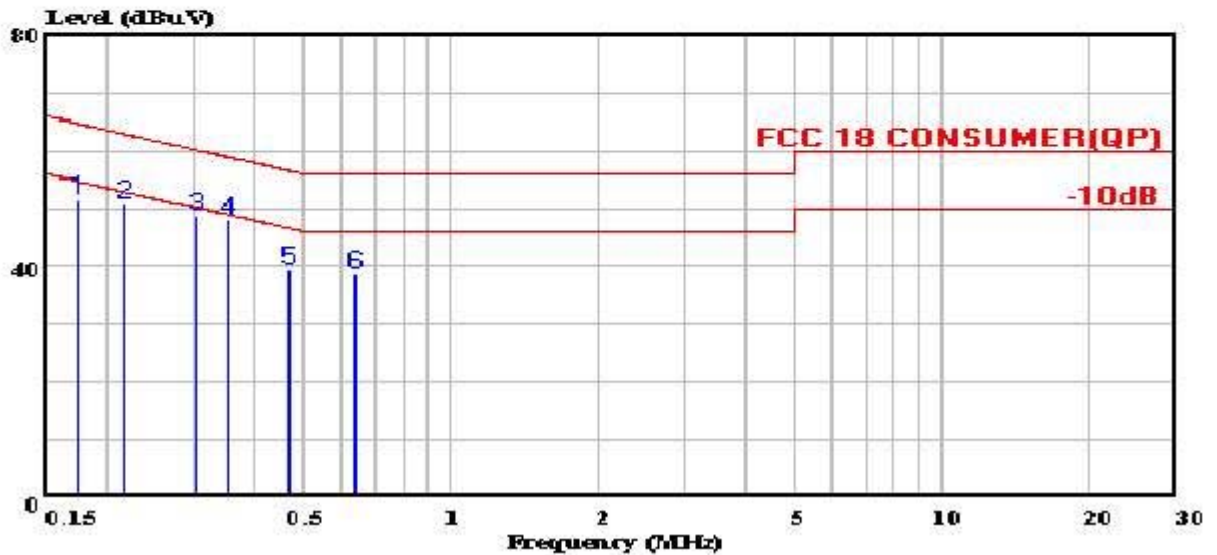
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.220	38.40	38.60	52.82	-14.22	0.20	0.04	0.16
2	0.310	37.60	37.80	49.97	-12.17	0.20	0.04	0.16
3	0.354	34.90	35.08	48.87	-13.79	0.18	0.04	0.14
4	0.968	30.50	30.66	46.00	-15.34	0.16	0.05	0.11
5	3.400	32.79	33.01	46.00	-12.99	0.22	0.11	0.11
6	4.360	30.79	31.02	46.00	-14.98	0.23	0.12	0.11



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Data#: 175 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 18:51:44



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-G30DA-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	0.174	51.47	51.69	64.77	-13.08	0.22	0.04	0.18
2	0.217	50.78	50.99	62.92	-11.93	0.21	0.04	0.17
3	0.302	48.64	48.78	60.18	-11.40	0.14	0.04	0.10
4	0.354	47.90	48.03	58.87	-10.84	0.13	0.04	0.09
5	0.469	39.48	39.60	56.54	-16.94	0.12	0.04	0.08
6	0.641	38.54	38.66	56.00	-17.34	0.12	0.05	0.07

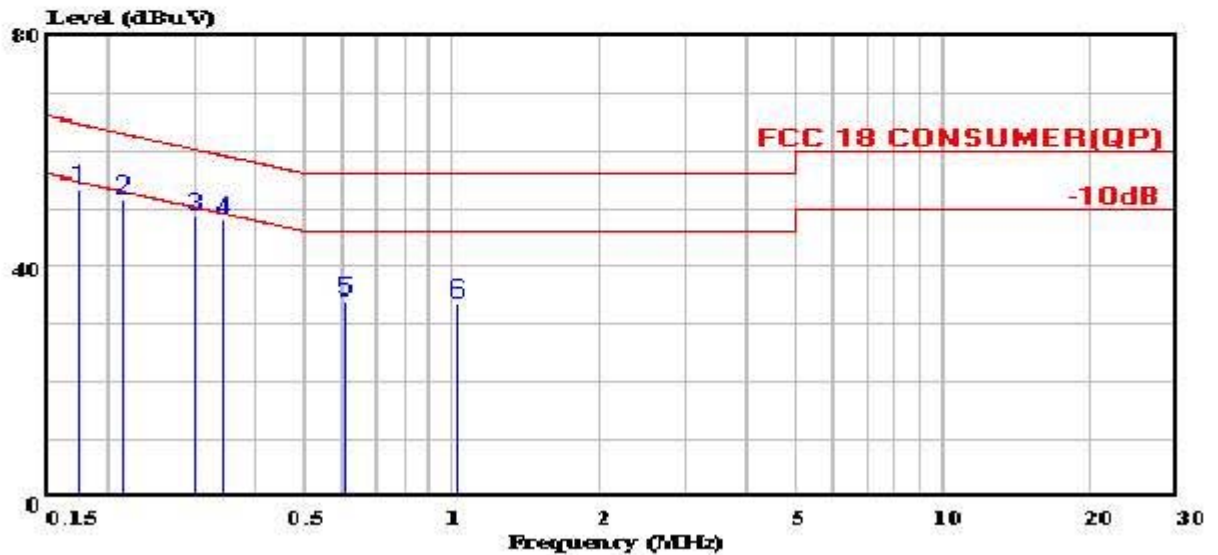
NOTE – The worst emission is detected at 0.354 MHz with corrected signal level of 48.03dB(μV) (limit is 60.18 dB(μV)), when the VA of the EUT is connected to LISN.



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Data#: 173 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 18:50:20



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-G30DA-15W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

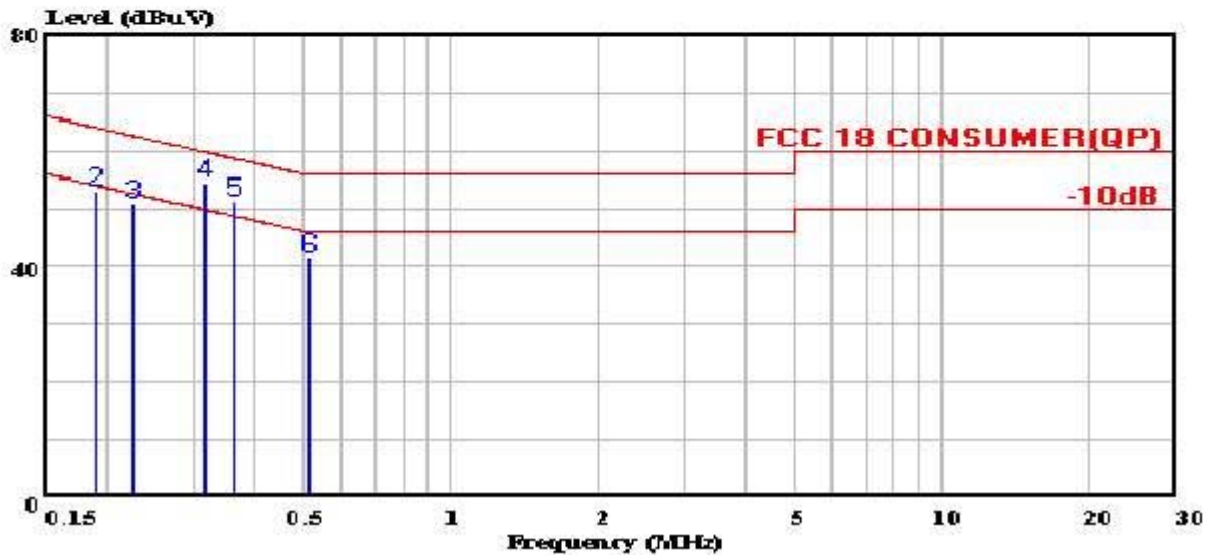
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.174	53.18	53.41	64.77	-11.36	0.23	0.04	0.19
2	0.214	51.35	51.55	63.05	-11.50	0.20	0.04	0.16
3	0.300	48.76	48.96	60.24	-11.28	0.20	0.04	0.16
4	0.341	47.73	47.92	59.18	-11.26	0.19	0.04	0.15
5	0.604	34.09	34.24	56.00	-21.76	0.15	0.04	0.11
6	1.021	33.48	33.64	56.00	-22.36	0.16	0.05	0.11



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Data#: 806 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 16:05:46



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-G30DA-18W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

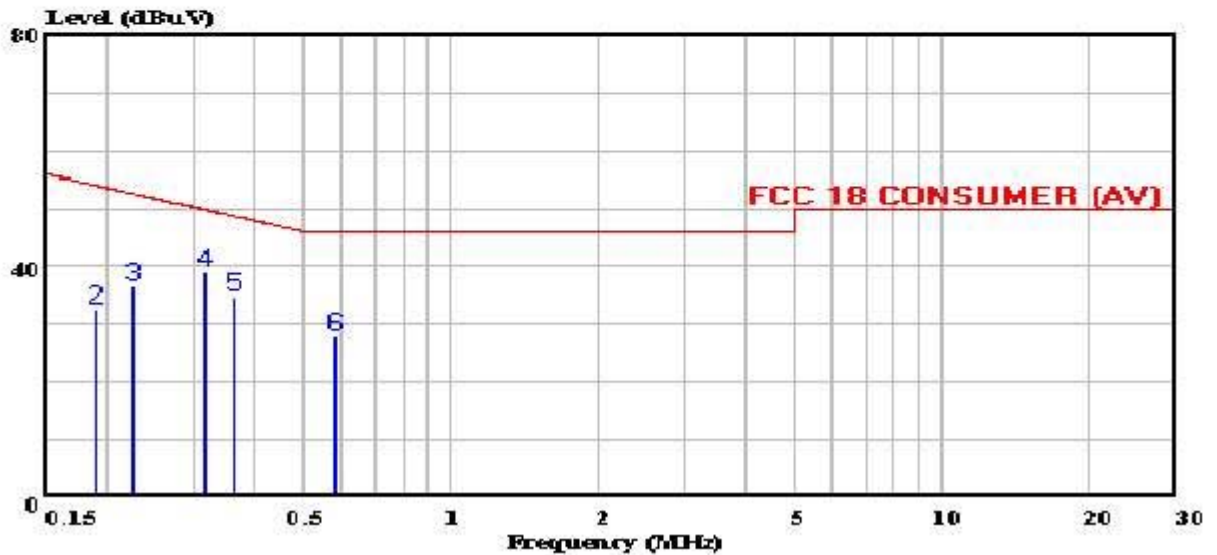
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.151	59.70	59.92	65.94	-6.02	0.22	0.03	0.19
2	0.190	52.80	53.02	64.04	-11.02	0.22	0.04	0.18
3	0.226	50.80	51.01	62.60	-11.59	0.21	0.04	0.17
4 !	0.317	54.40	54.54	59.79	-5.25	0.14	0.04	0.10
5 !	0.362	51.20	51.33	58.68	-7.35	0.13	0.04	0.09
6	0.518	41.40	41.52	56.00	-14.48	0.12	0.04	0.08



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Data#: 807 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 16:13:12



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-G30DA-18W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

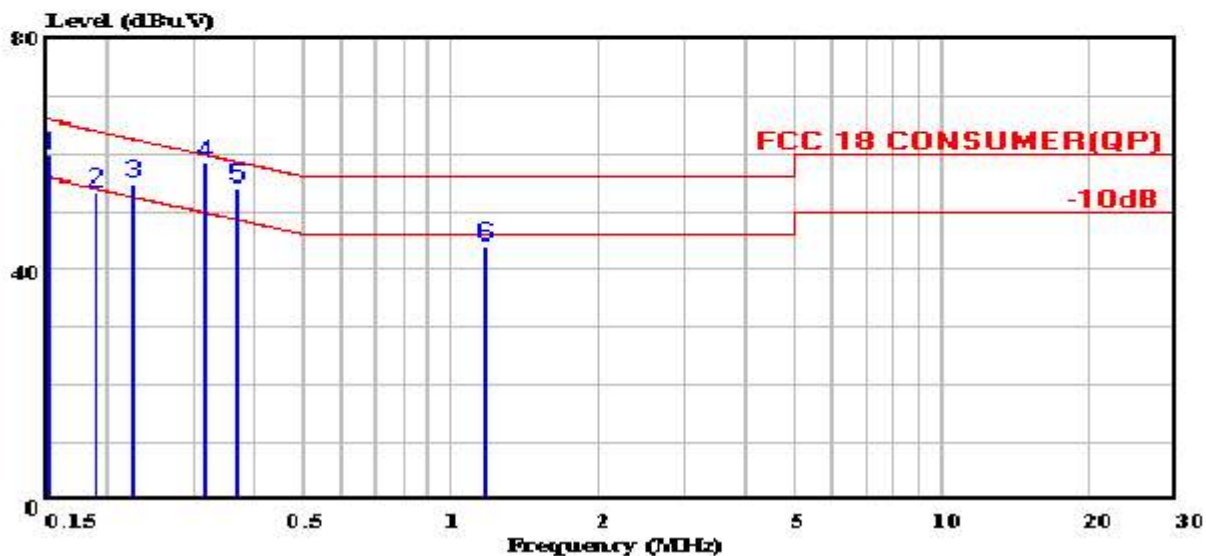
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.151	41.60	41.82	55.94	-14.12	0.22	0.03	0.19
2	0.190	32.30	32.52	54.04	-21.52	0.22	0.04	0.18
3	0.226	36.50	36.71	52.60	-15.89	0.21	0.04	0.17
4	0.317	38.80	38.94	49.79	-10.85	0.14	0.04	0.10
5	0.362	34.70	34.83	48.68	-13.85	0.13	0.04	0.09
6	0.581	28.01	28.12	46.00	-17.88	0.11	0.04	0.07



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Data#: 809 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 16:21:04



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 : 8W
S/N : 120V/60Hz
Power Supply : 120V/50Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode :
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	59.80	60.06	65.89	-5.83	0.26	0.03	0.23
2	0.190	53.10	53.31	64.04	-10.73	0.21	0.04	0.17
3 !	0.225	54.80	55.00	62.63	-7.63	0.20	0.04	0.16
4 !	0.317	58.30	58.49	59.79	-1.30	0.19	0.04	0.15
5 !	0.367	54.00	54.18	58.57	-4.39	0.18	0.04	0.14
6	1.180	44.00	44.17	56.00	-11.83	0.17	0.06	0.11

NOTE 1 – The worst emission is detected at 0.317 MHz with corrected signal level of 58.49 dB(μV) (limit is 59.79 dB(μV)), when the VB of the EUT is connected to LISN.

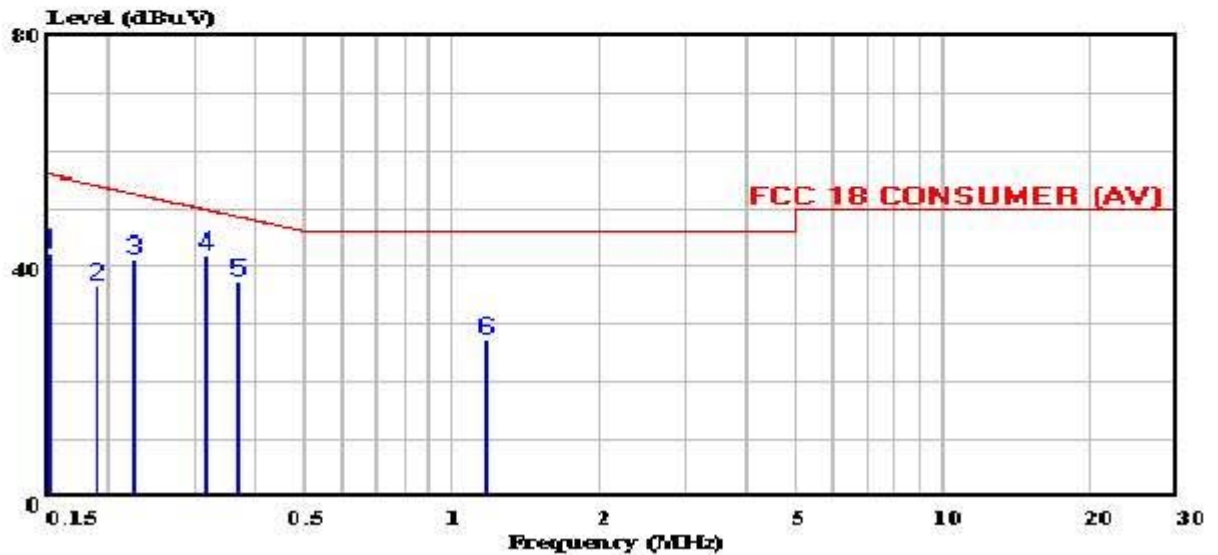
NOTE 2 –At the frequency 0.317 MHz [VB (QP)], the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



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Data#: 810 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-17 Time: 16:21:40



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-G30DA-18W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

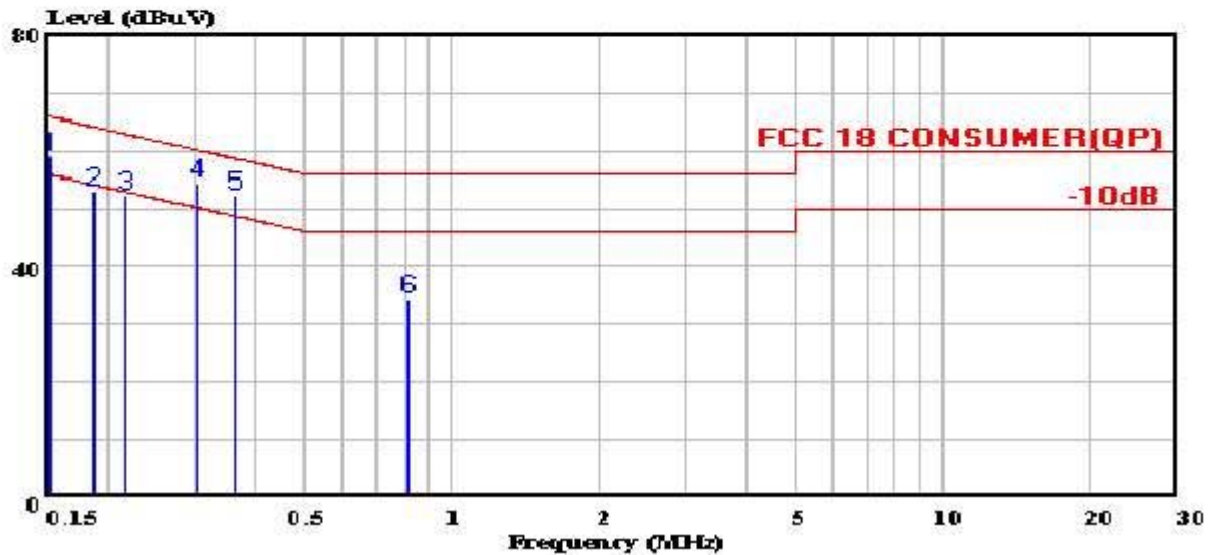
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	41.90	42.16	55.89	-13.73	0.26	0.03	0.23
2	0.190	36.30	36.51	54.04	-17.53	0.21	0.04	0.17
3	0.225	41.00	41.20	52.63	-11.43	0.20	0.04	0.16
4	0.317	41.90	42.09	49.79	-7.70	0.19	0.04	0.15
5	0.367	37.00	37.18	48.57	-11.39	0.18	0.04	0.14
6	1.180	27.00	27.17	46.00	-18.83	0.17	0.06	0.11



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Data#: 133 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 12:30:16



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-G30DB-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

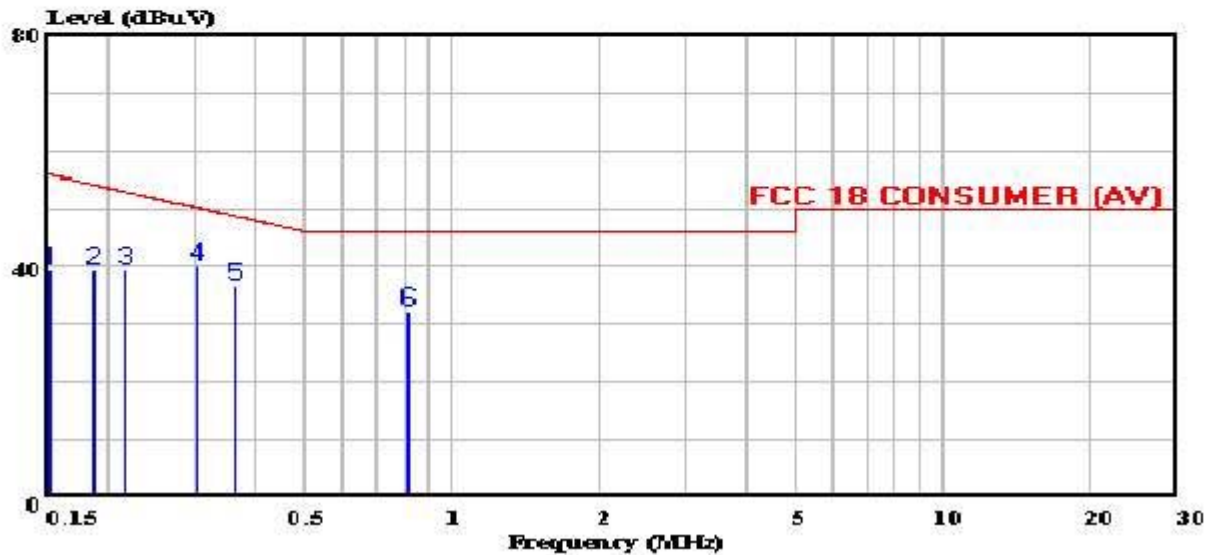
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.152	59.10	59.32	65.89	-6.57	0.22	0.03	0.19
2	0.187	52.70	52.92	64.17	-11.25	0.22	0.04	0.18
3	0.217	52.00	52.21	62.93	-10.72	0.21	0.04	0.17
4 !	0.305	54.50	54.64	60.11	-5.47	0.14	0.04	0.10
5 !	0.363	52.10	52.23	58.66	-6.43	0.13	0.04	0.09
6	0.813	34.29	34.40	56.00	-21.60	0.11	0.05	0.06



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Data#: 134 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 12:30:43



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-G30DB-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

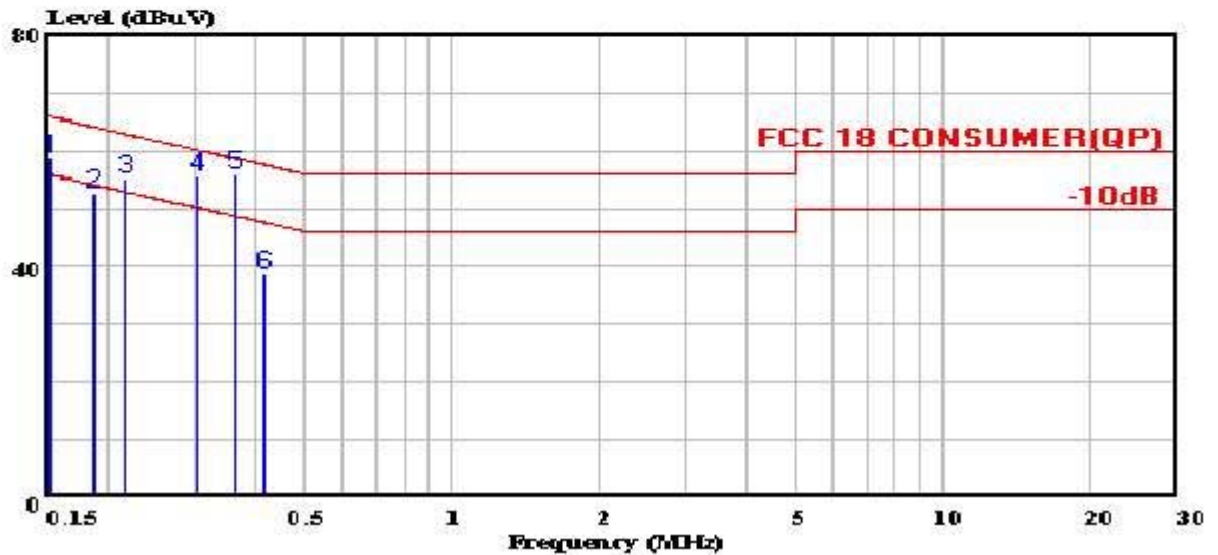
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	39.40	39.62	55.89	-16.27	0.22	0.03	0.19
2	0.187	39.20	39.42	54.17	-14.75	0.22	0.04	0.18
3	0.217	39.30	39.51	52.93	-13.42	0.21	0.04	0.17
4	0.305	40.10	40.24	50.11	-9.87	0.14	0.04	0.10
5	0.363	36.40	36.53	48.66	-12.13	0.13	0.04	0.09
6	0.813	32.09	32.20	46.00	-13.80	0.11	0.05	0.06



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Data#: 130 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 12:23:22



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-G30DB-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	Limit	Over	Cable	Probe
	MHz	Level	dBuV	Line	Limit	Loss	Factor
			dBuV	dBuV	dB	dB	dB
1 !	0.152	58.50	58.76	65.89	-7.13	0.26	0.23
2	0.187	52.39	52.61	64.17	-11.56	0.22	0.18
3 !	0.217	54.90	55.10	62.93	-7.83	0.20	0.16
4 !	0.305	55.30	55.50	60.11	-4.61	0.20	0.16
5 !	0.363	55.80	55.98	58.66	-2.68	0.18	0.14
6	0.415	38.60	38.77	57.55	-18.78	0.17	0.13

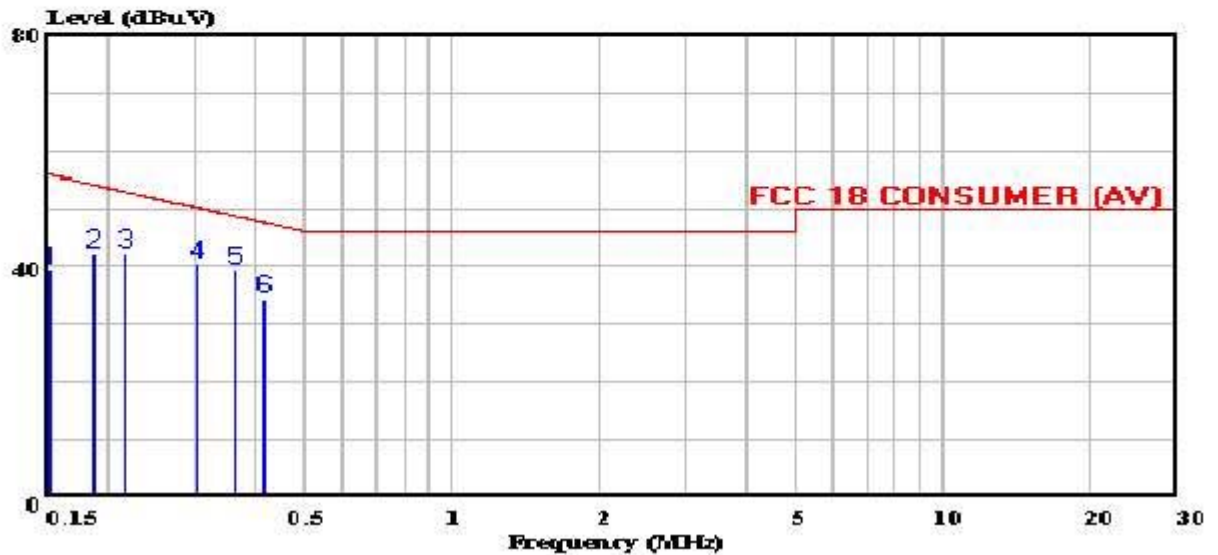
NOTE – The worst emission is detected at 0.363 MHz with corrected signal level of 55.98dB(μV) (limit is 58.66 dB(μV)), when the VB of the EUT is connected to LISN.



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Data#: 131 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-24 Time: 12:23:52



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-G30DB-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

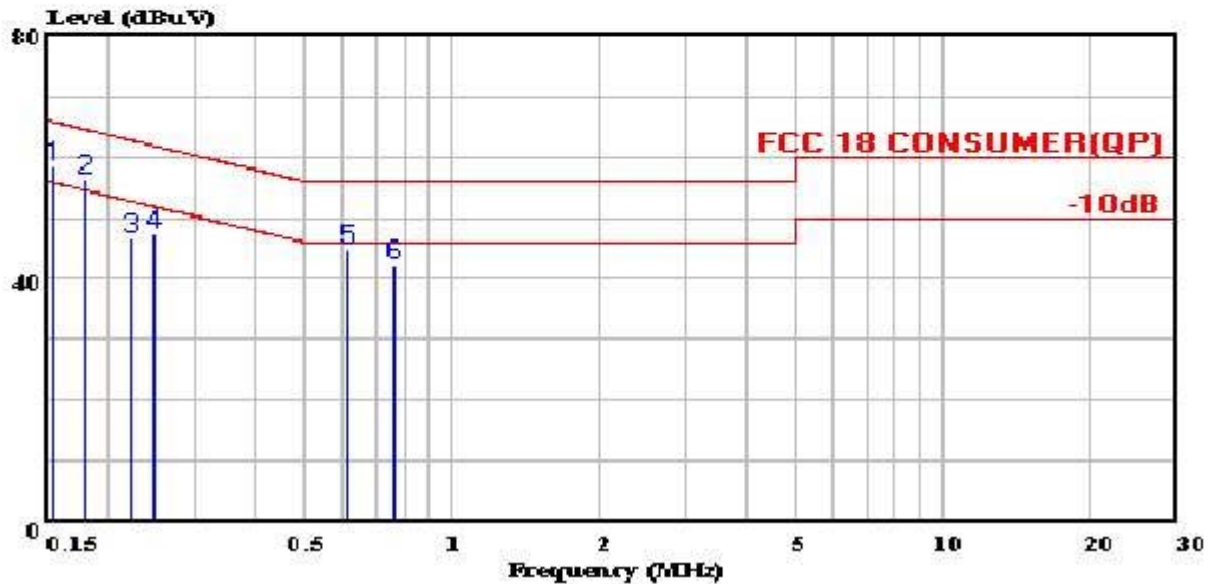
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	39.10	39.36	55.89	-16.53	0.26	0.03	0.23
2	0.187	42.19	42.41	54.17	-11.76	0.22	0.04	0.18
3	0.217	42.20	42.40	52.93	-10.53	0.20	0.04	0.16
4	0.305	40.40	40.60	50.11	-9.51	0.20	0.04	0.16
5	0.363	39.20	39.38	48.66	-9.28	0.18	0.04	0.14
6	0.415	34.10	34.27	47.55	-13.28	0.17	0.04	0.13



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Data#: 1041 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-20 Time: 17:16:09



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-G30DB-23W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : ON
Test Engineer:

Solon Gong

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	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.154	58.20	58.42	65.77	-7.35	0.22	0.03	0.19
2 !	0.179	56.11	56.33	64.53	-8.20	0.22	0.04	0.18
3	0.223	46.43	46.64	62.72	-16.08	0.21	0.04	0.17
4	0.248	47.23	47.43	61.82	-14.39	0.20	0.04	0.16
5	0.611	44.84	44.95	56.00	-11.05	0.11	0.04	0.07
6	0.767	42.19	42.30	56.00	-13.70	0.11	0.05	0.06