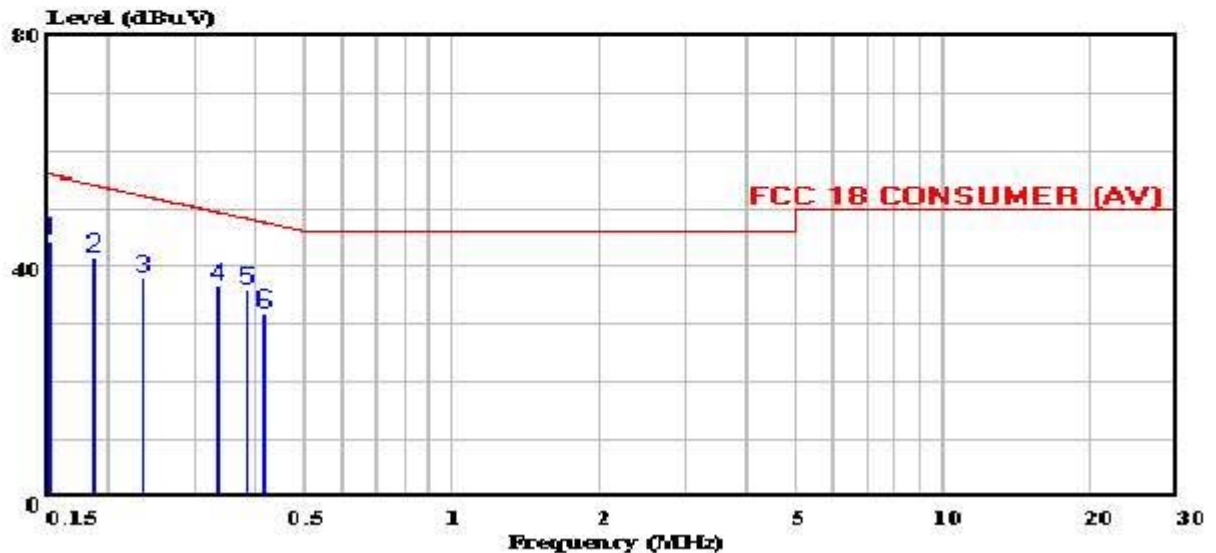




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aciemc@audix.com

Data#: 58 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 17:35:45



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-R25D-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

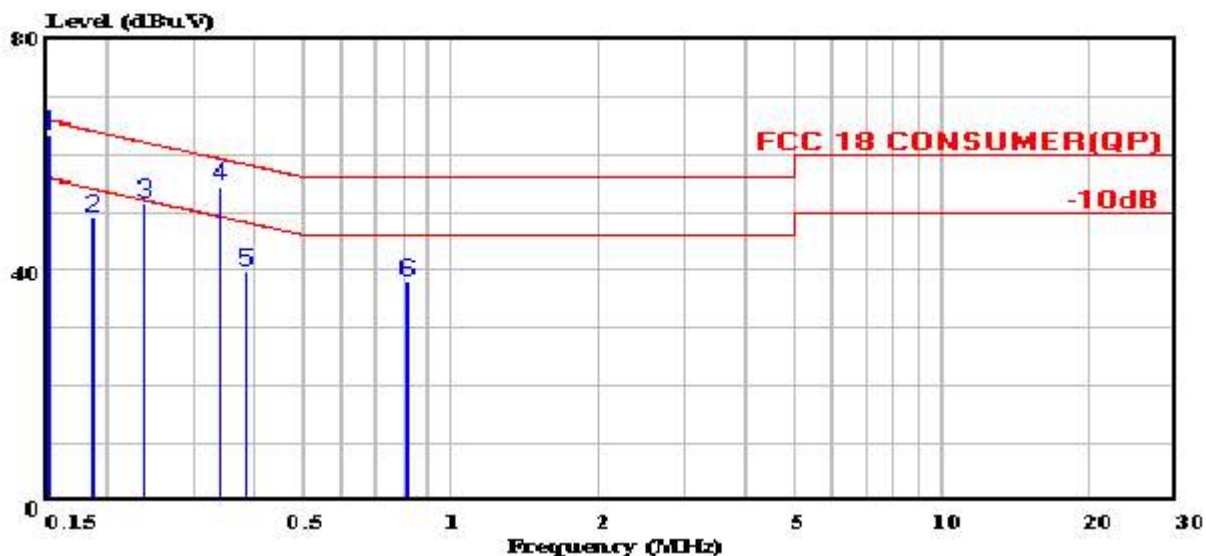
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	44.20	44.42	55.89	-11.47	0.22	0.03	0.19
2	0.186	41.50	41.72	54.21	-12.49	0.22	0.04	0.18
3	0.235	37.80	38.01	52.27	-14.26	0.21	0.04	0.17
4	0.332	36.40	36.54	49.40	-12.86	0.14	0.04	0.10
5	0.381	35.80	35.93	48.26	-12.33	0.13	0.04	0.09
6	0.415	31.70	31.83	47.55	-15.72	0.13	0.04	0.09



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Data#: 60 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 17:40:59



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : ing Lamp
M/N : 120V/60Hz W
S/N : E03032318
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	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB
1 !	0.152	63.20	63.46	65.89	-2.43	0.26	0.23
2	0.186	48.99	49.21	64.21	-15.00	0.22	0.18
3	0.239	51.30	51.50	62.13	-10.63	0.20	0.16
4 !	0.336	54.50	54.69	59.30	-4.61	0.19	0.15
5	0.381	39.70	39.88	58.26	-18.38	0.18	0.14
6	0.813	37.70	37.86	56.00	-18.14	0.16	0.11

NOTE 1 – The worst emission is detected at 0.352 MHz with corrected signal level of 56.41 dB(μV) (limit is 58.92 dB(μV)), when the VA of the EUT is connected to LISN.

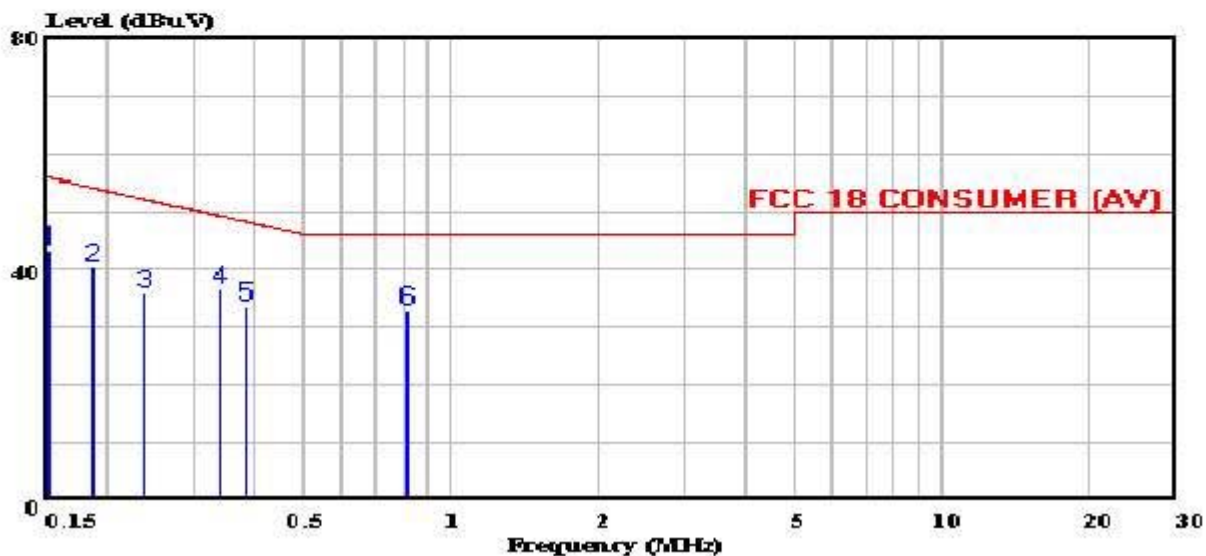
NOTE 2 –At the frequency 0.152MHz[VA (QP)], 0.352MHz[VB (QP)],the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



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Data#: 61 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 17:41:47



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-R25D-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

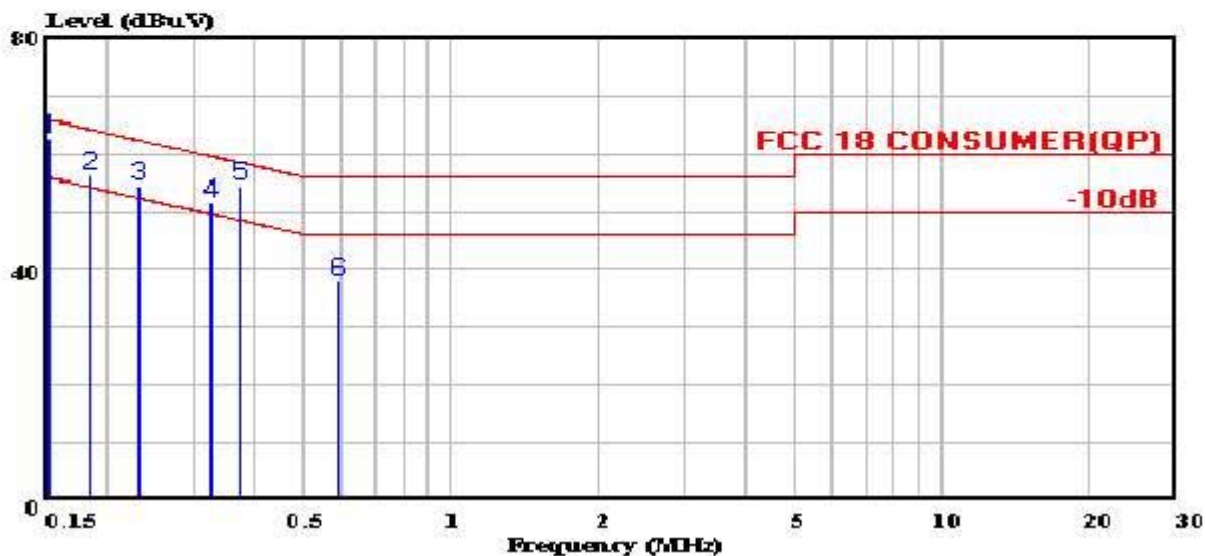
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	43.20	43.46	55.89	-12.43	0.26	0.03	0.23
2	0.186	40.39	40.61	54.21	-13.60	0.22	0.04	0.18
3	0.239	35.60	35.80	52.13	-16.33	0.20	0.04	0.16
4	0.336	36.30	36.49	49.30	-12.81	0.19	0.04	0.15
5	0.381	33.60	33.78	48.26	-14.48	0.18	0.04	0.14
6	0.813	32.70	32.86	46.00	-13.14	0.16	0.05	0.11



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Data#: 82 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 18:27:41



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-R30D-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	Limit	Over	Cable	Probe
	MHz	dBuV	dBuV	Line	Limit	Loss	Factor
				dBuV	dB	dB	dB
1 !	0.152	62.50	62.72	65.89	-3.17	0.22	0.19
2 !	0.184	56.20	56.42	64.30	-7.88	0.22	0.18
3 !	0.230	54.50	54.71	62.45	-7.74	0.21	0.17
4 !	0.325	51.40	51.54	59.58	-8.04	0.14	0.10
5 !	0.371	54.40	54.53	58.48	-3.95	0.13	0.09
6	0.589	37.80	37.91	56.00	-18.09	0.11	0.07

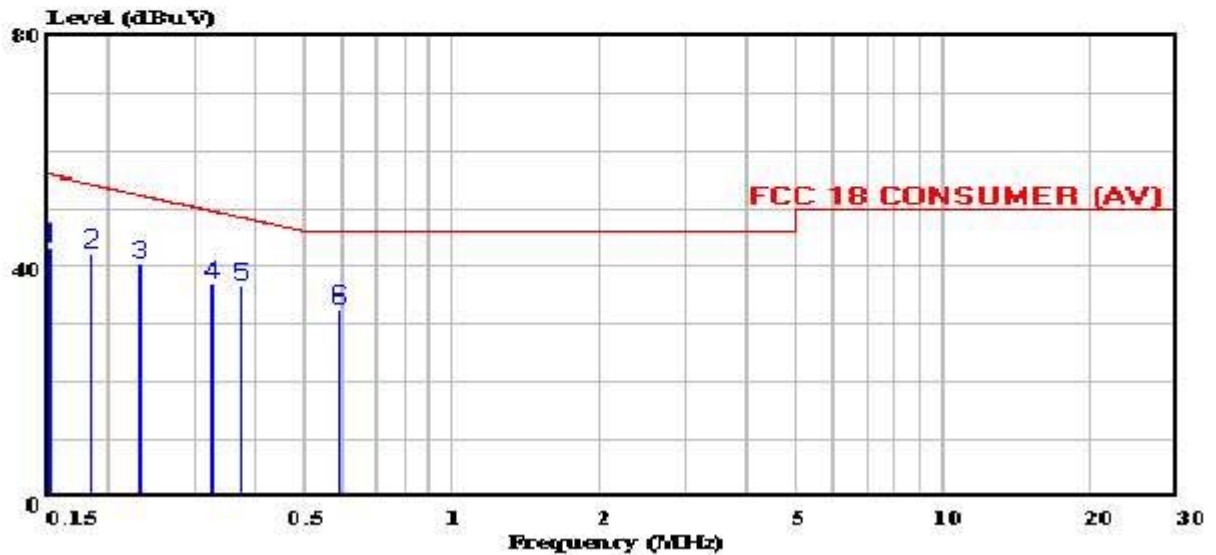
NOTE 1 – The worst emission is detected at 0.152 MHz with corrected signal level of 62.72 dB(μV) (limit is 65.89 dB(μV)), when the VA of the EUT is connected to LISN.



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Data#: 83 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 18:28:10



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-R30D-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

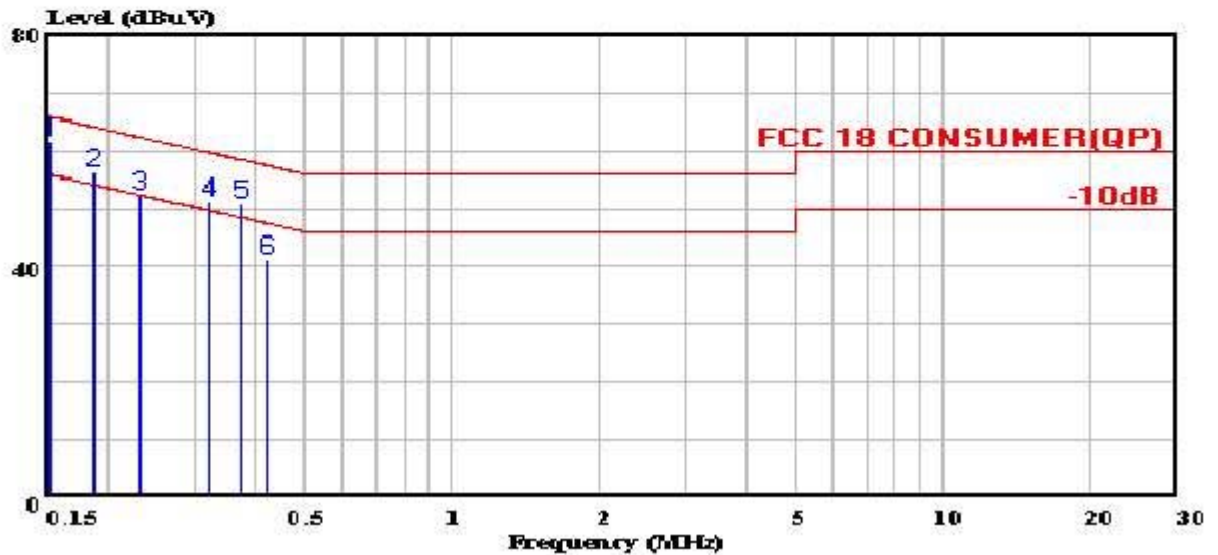
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	43.10	43.32	55.89	-12.57	0.22	0.03	0.19
2	0.184	42.00	42.22	54.30	-12.08	0.22	0.04	0.18
3	0.230	40.50	40.71	52.45	-11.74	0.21	0.04	0.17
4	0.325	36.70	36.84	49.58	-12.74	0.14	0.04	0.10
5	0.371	36.30	36.43	48.48	-12.05	0.13	0.04	0.09
6	0.589	32.60	32.71	46.00	-13.29	0.11	0.04	0.07



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Data#: 85 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 18:36:51



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-R30D-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

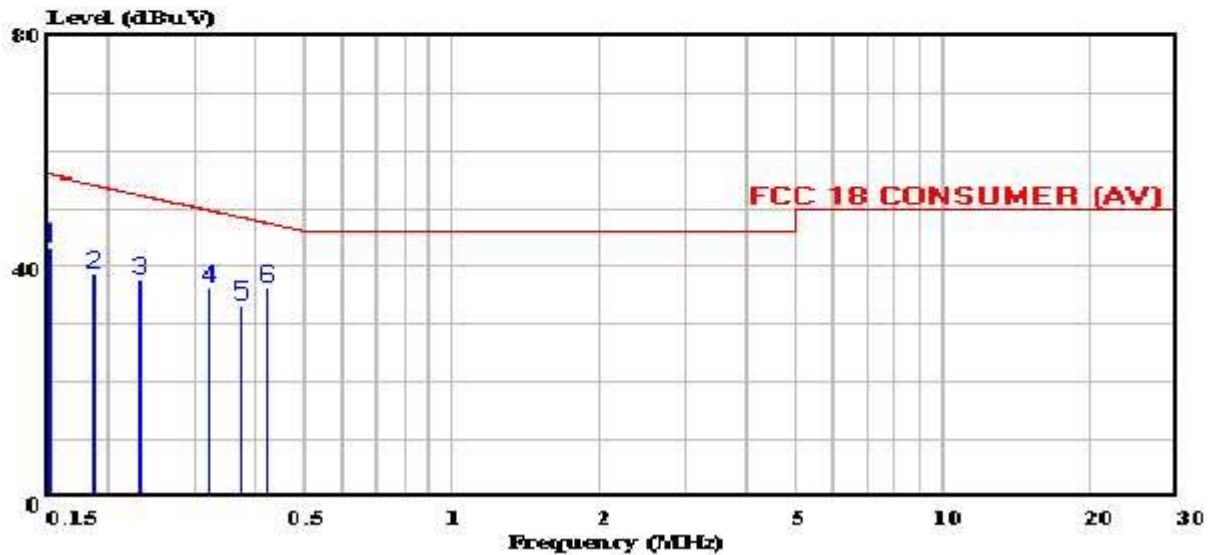
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.152	61.60	61.86	65.89	-4.03	0.26	0.03	0.23
2 !	0.187	56.09	56.31	64.17	-7.86	0.22	0.04	0.18
3 !	0.232	52.30	52.50	62.38	-9.88	0.20	0.04	0.16
4 !	0.320	51.00	51.19	59.71	-8.52	0.19	0.04	0.15
5 !	0.371	50.60	50.78	58.48	-7.70	0.18	0.04	0.14
6	0.419	41.10	41.27	57.47	-16.20	0.17	0.04	0.13



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Data#: 86 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 18:37:55



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-R30D-13W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

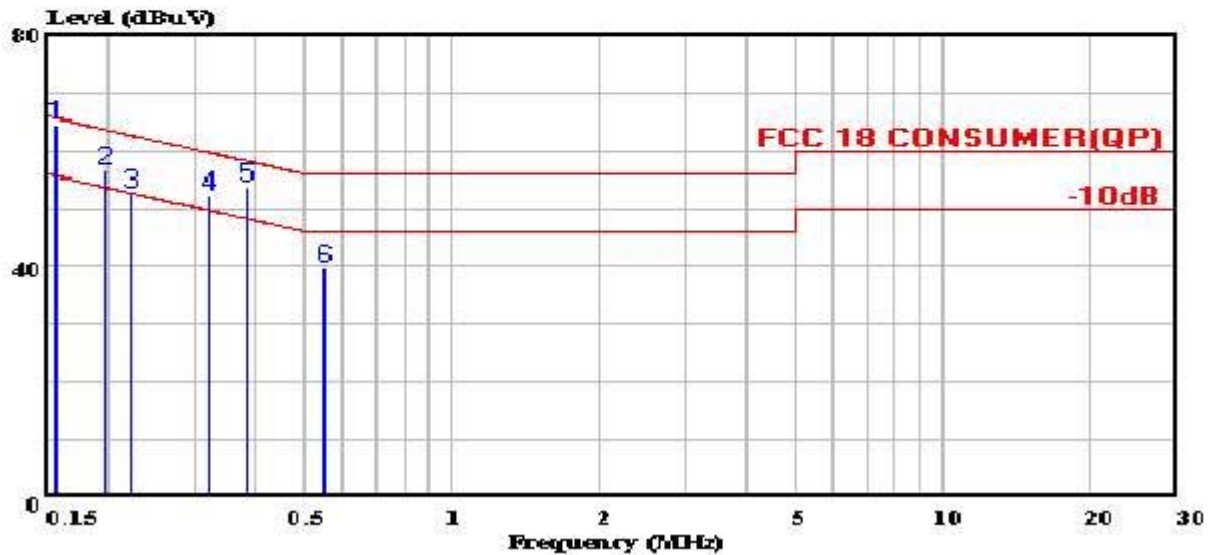
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	43.30	43.56	55.89	-12.33	0.26	0.03	0.23
2	0.187	38.49	38.71	54.17	-15.46	0.22	0.04	0.18
3	0.232	37.60	37.80	52.38	-14.58	0.20	0.04	0.16
4	0.320	36.10	36.29	49.71	-13.42	0.19	0.04	0.15
5	0.371	33.20	33.38	48.48	-15.10	0.18	0.04	0.14
6	0.419	35.90	36.07	47.47	-11.40	0.17	0.04	0.13



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Data#: 42 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 16:45:49



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-R30D-15W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

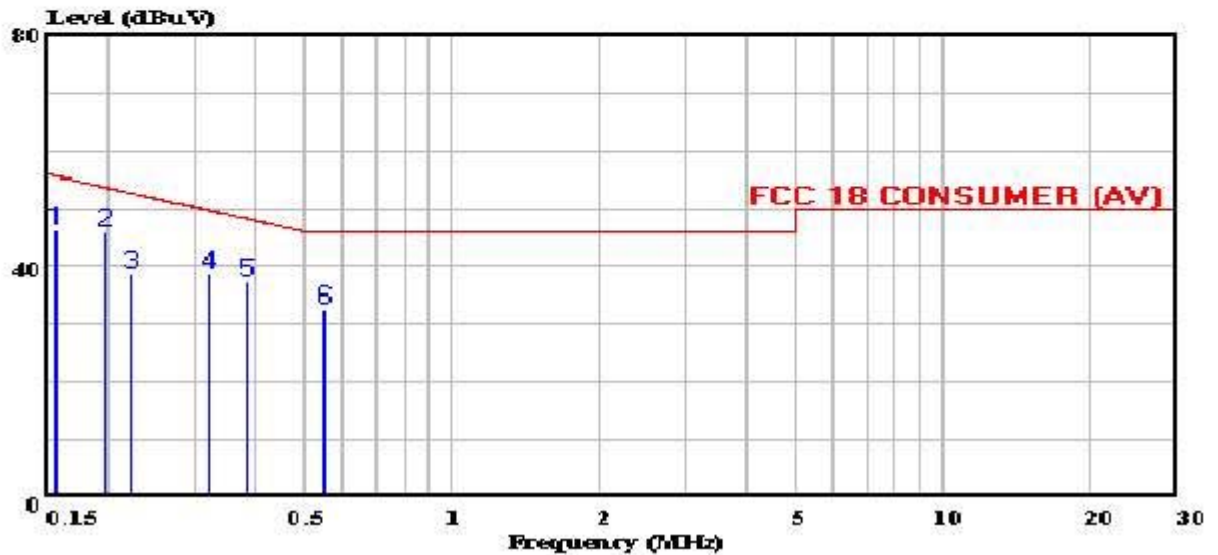
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.157	64.20	64.45	65.62	-1.17	0.25	0.03	0.22
2 !	0.196	56.49	56.70	63.78	-7.08	0.21	0.04	0.17
3 !	0.223	52.60	52.80	62.71	-9.91	0.20	0.04	0.16
4 !	0.321	52.10	52.29	59.68	-7.39	0.19	0.04	0.15
5 !	0.381	53.60	53.78	58.26	-4.48	0.18	0.04	0.14
6	0.549	39.60	39.75	56.00	-16.25	0.15	0.04	0.11



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Data#: 43 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 16:46:35



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-R30D-15W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

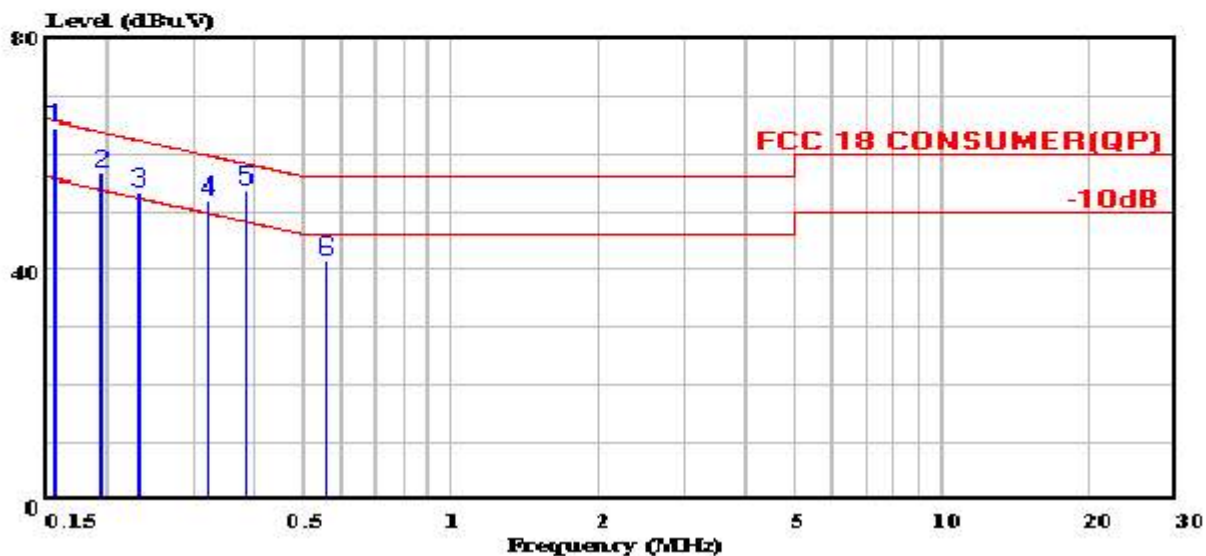
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.157	45.90	46.15	55.62	-9.47	0.25	0.03	0.22
2	0.196	45.79	46.00	53.78	-7.78	0.21	0.04	0.17
3	0.223	38.60	38.80	52.71	-13.91	0.20	0.04	0.16
4	0.321	38.70	38.89	49.68	-10.79	0.19	0.04	0.15
5	0.381	37.30	37.48	48.26	-10.78	0.18	0.04	0.14
6	0.549	32.60	32.75	46.00	-13.25	0.15	0.04	0.11



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Data#: 45 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 16:53:20



Site : Conducted emission
Condition : FCC 18 CONSUMER(QP) KNW-407 VB
Project No. : AOE-000368
Applicant : XIAMEN LONGSTAR LIGHTING CO.,LTD
EUT : ing Lamp
M/N : 120V/60Hz W
S/N : E03032320
Power Supply : 120V/50Hz
Ambient : 23'C 56%RH
Test line :
Test Mode : Solon Gong
Test Engineer:

~ : 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	64.50	64.75	65.62	-0.87	0.25	0.03	0.22
2 !	0.194	56.60	56.81	63.86	-7.05	0.21	0.04	0.17
3 !	0.230	53.30	53.50	62.45	-8.95	0.20	0.04	0.16
4 !	0.322	51.70	51.89	59.66	-7.77	0.19	0.04	0.15
5 !	0.383	53.50	53.68	58.21	-4.53	0.18	0.04	0.14
6	0.556	41.50	41.65	56.00	-14.35	0.15	0.04	0.11

NOTE 1 – The worst emission is detected at 0.352 MHz with corrected signal level of 56.41 dB(μV) (limit is 58.92 dB(μV)), when the VA of the EUT is connected to LISN.

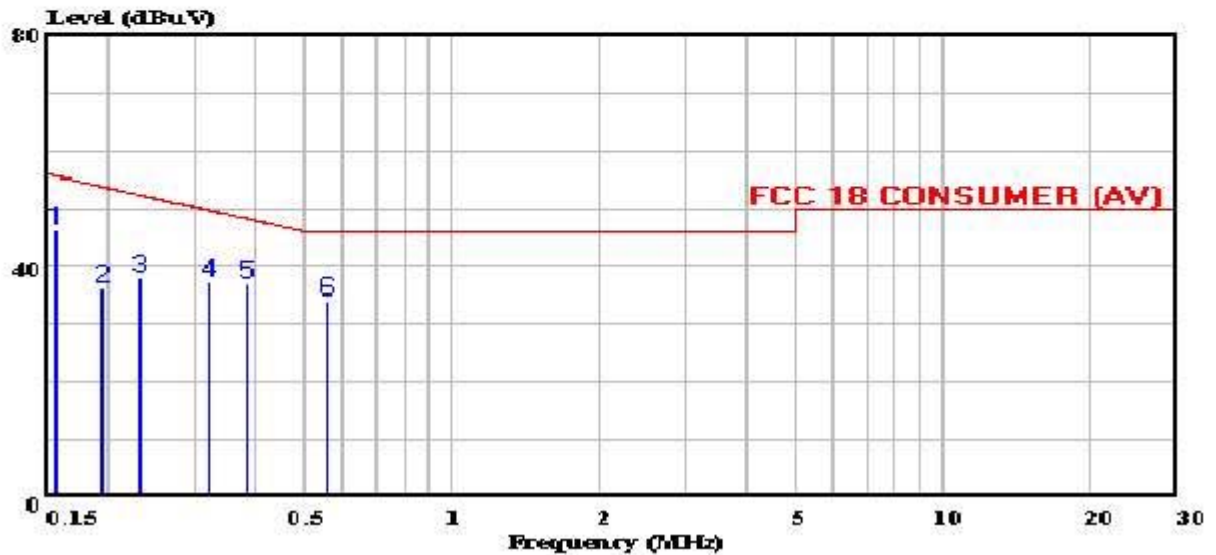
NOTE 2 –At the frequency 0.157 MHz [VA (QP)], 0.157 MHz [VB (QP)], the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



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Data#: 46 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 16:53:46



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-R30D-15W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

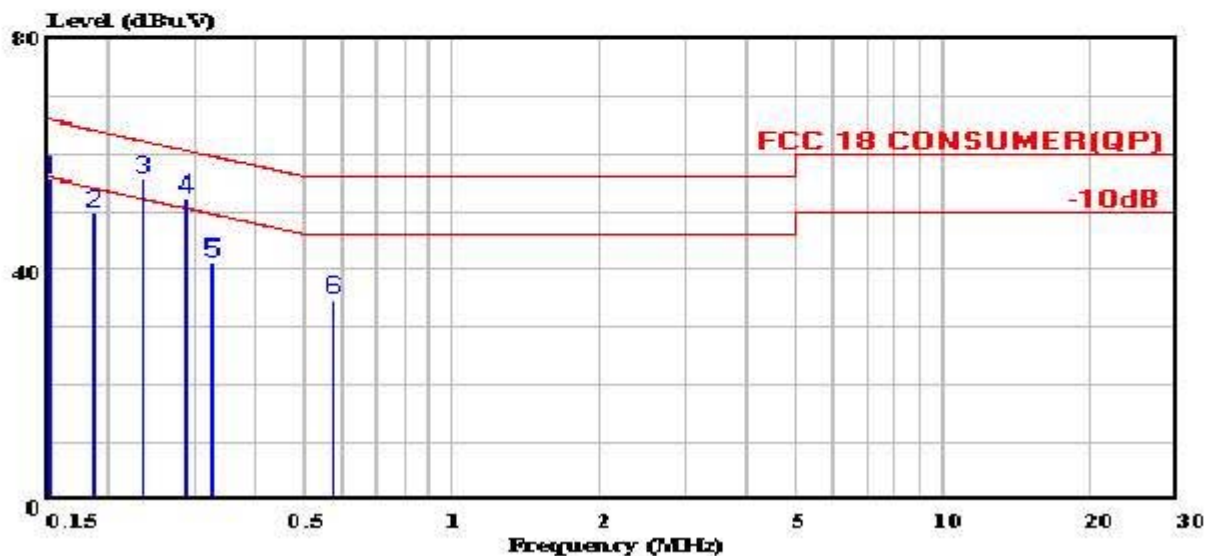
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.157	46.00	46.25	55.62	-9.37	0.25	0.03	0.22
2	0.194	36.20	36.41	53.86	-17.45	0.21	0.04	0.17
3	0.230	37.80	38.00	52.45	-14.45	0.20	0.04	0.16
4	0.322	37.00	37.19	49.66	-12.47	0.19	0.04	0.15
5	0.383	36.90	37.08	48.21	-11.13	0.18	0.04	0.14
6	0.556	34.10	34.25	46.00	-11.75	0.15	0.04	0.11



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Data#: 864 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:32:35



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-R38D-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

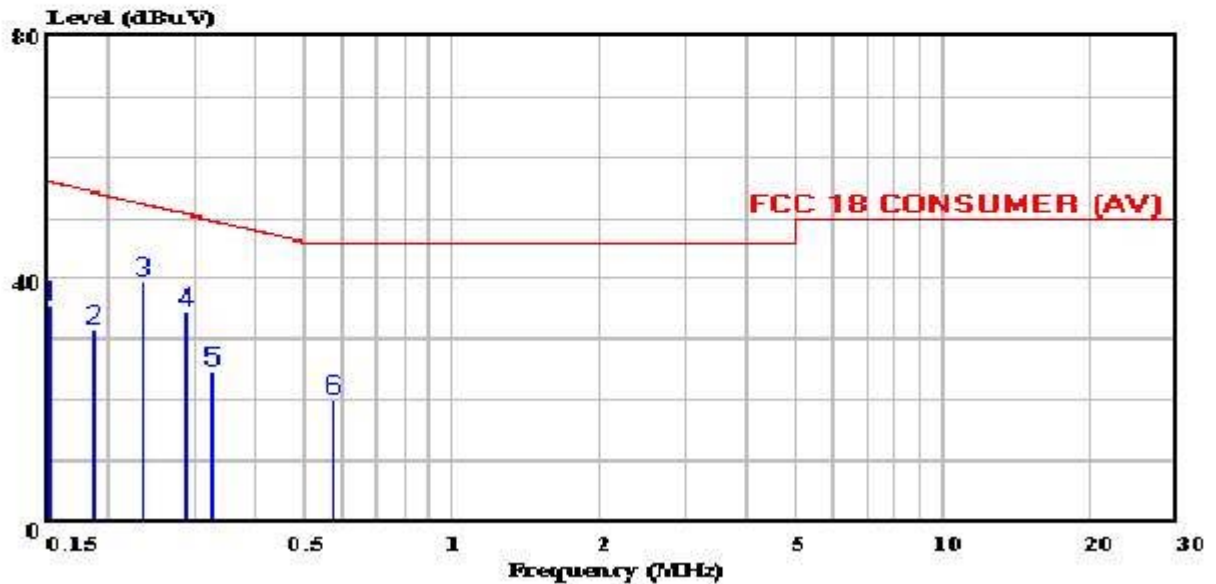
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.153	55.22	55.44	65.86	-10.42	0.22	0.03	0.19
2	0.187	49.68	49.90	64.17	-14.27	0.22	0.04	0.18
3 !	0.234	55.48	55.69	62.32	-6.63	0.21	0.04	0.17
4 !	0.287	52.36	52.51	60.60	-8.09	0.15	0.04	0.11
5	0.324	41.09	41.23	59.59	-18.36	0.14	0.04	0.10
6	0.577	34.55	34.66	56.00	-21.34	0.11	0.04	0.07



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Data#: 865 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:32:35



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-R38D-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

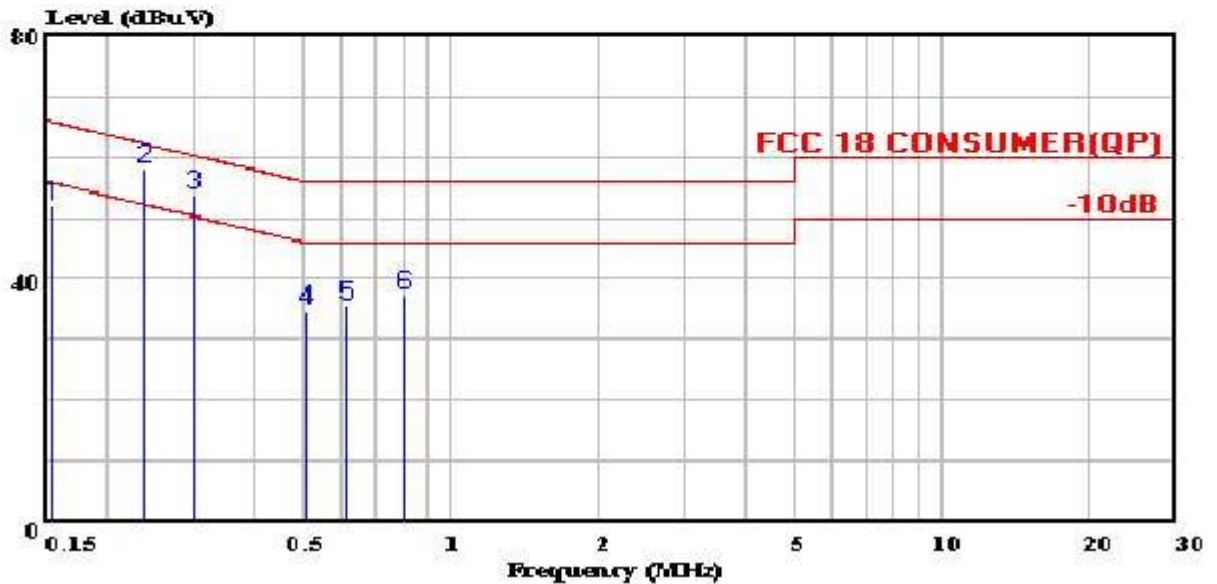
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.153	35.30	35.52	55.86	-20.34	0.22	0.03	0.19
2	0.187	31.44	31.66	54.17	-22.51	0.22	0.04	0.18
3	0.234	39.14	39.35	52.32	-12.97	0.21	0.04	0.17
4	0.287	34.30	34.45	50.60	-16.15	0.15	0.04	0.11
5	0.324	24.45	24.59	49.59	-25.00	0.14	0.04	0.10
6	0.577	20.09	20.20	46.00	-25.80	0.11	0.04	0.07



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Data#: 861 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:26:28



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-R38D-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	0.154	51.59	51.84	65.80	-13.96	0.25	0.03	0.22
2	0.239	57.92	58.12	62.15	-4.03	0.20	0.04	0.16
3	0.301	53.73	53.93	60.21	-6.28	0.20	0.04	0.16
4	0.507	34.76	34.91	56.00	-21.09	0.15	0.04	0.11
5	0.617	35.28	35.43	56.00	-20.57	0.15	0.04	0.11
6	0.810	37.19	37.35	56.00	-18.65	0.16	0.05	0.11

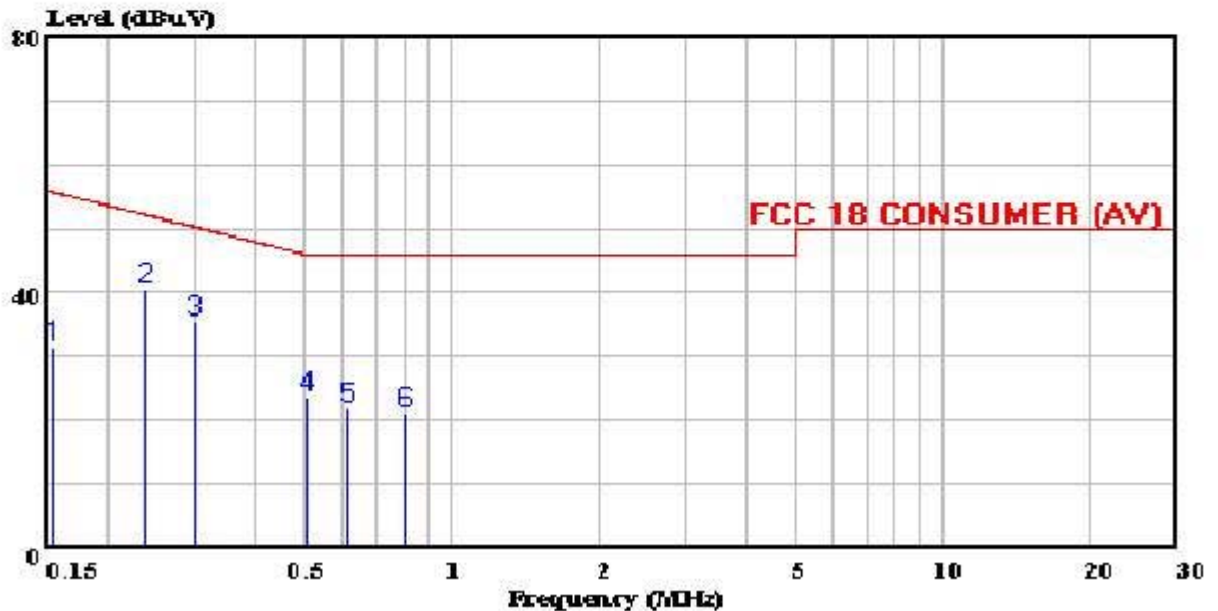
NOTE – The worst emission is detected at 0.239 MHz with corrected signal level of 58.12dB(μV) (limit is 62.15 dB(μV)), when the VB of the EUT is connected to LISN.



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Data#: 862 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:26:28



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-R38D-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

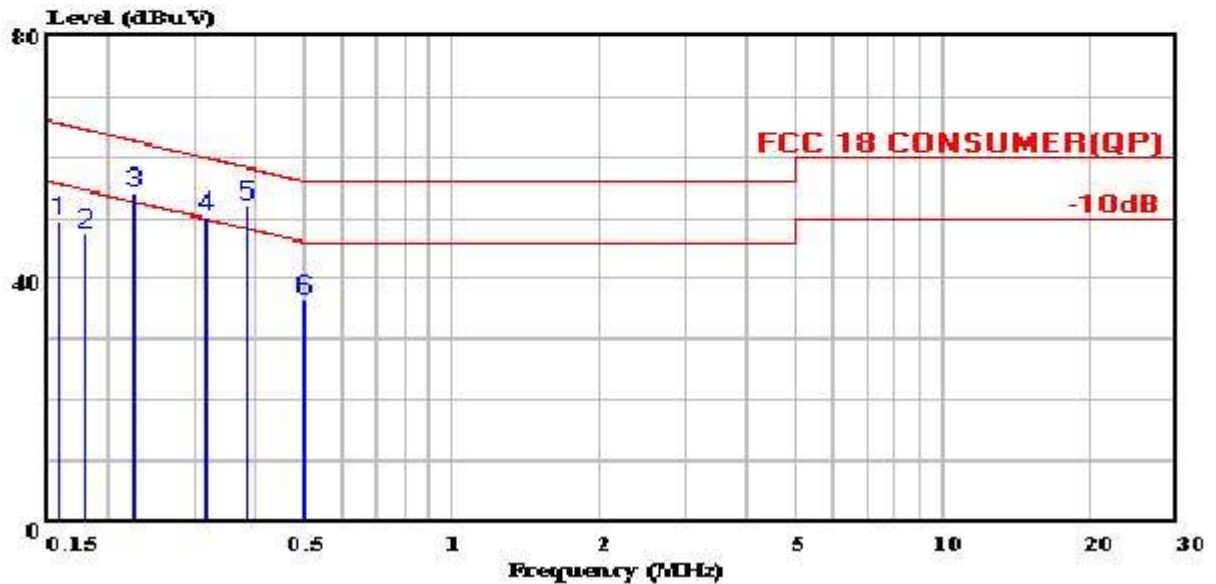
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.154	31.16	31.41	55.80	-24.39	0.25	0.03	0.22
2	0.239	40.17	40.37	52.15	-11.78	0.20	0.04	0.16
3	0.301	35.45	35.65	50.21	-14.56	0.20	0.04	0.16
4	0.507	23.45	23.60	46.00	-22.40	0.15	0.04	0.11
5	0.617	21.59	21.74	46.00	-24.26	0.15	0.04	0.11
6	0.810	21.09	21.25	46.00	-24.75	0.16	0.05	0.11



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Data#: 867 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:40:07



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-R38D-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer:

Solon Gong

Page: 1

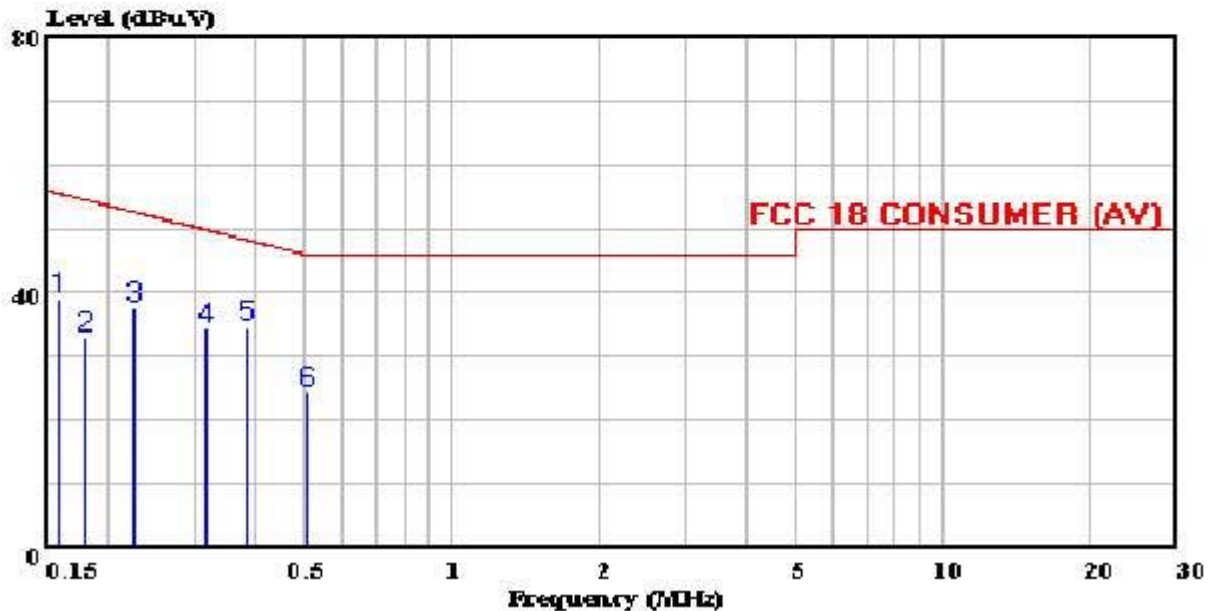
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.158	49.26	49.48	65.56	-16.08	0.22	0.03	0.19
2	0.180	47.26	47.48	64.50	-17.02	0.22	0.04	0.18
3 !	0.226	53.93	54.14	62.58	-8.44	0.21	0.04	0.17
4 !	0.315	49.92	50.06	59.85	-9.79	0.14	0.04	0.10
5 !	0.384	52.03	52.16	58.19	-6.03	0.13	0.04	0.09
6	0.503	36.47	36.59	56.00	-19.41	0.12	0.04	0.08



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Data#: 868 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:40:07



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-R38D-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

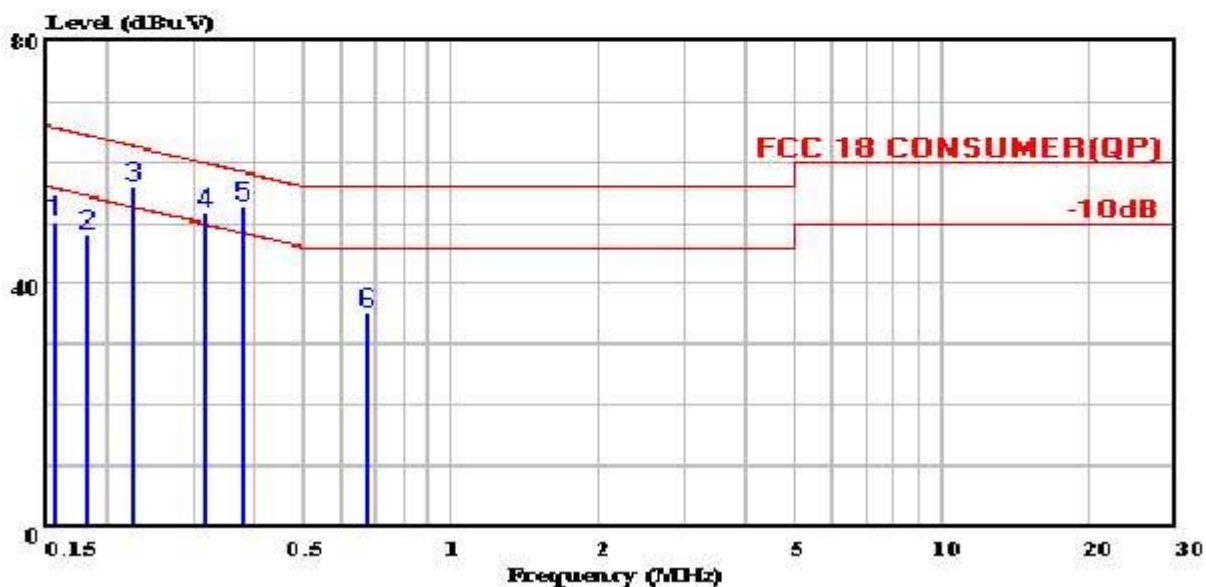
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.158	38.97	39.19	55.56	-16.37	0.22	0.03	0.19
2	0.180	32.67	32.89	54.50	-21.61	0.22	0.04	0.18
3	0.226	37.48	37.69	52.58	-14.89	0.21	0.04	0.17
4	0.315	34.34	34.48	49.85	-15.37	0.14	0.04	0.10
5	0.384	34.81	34.94	48.19	-13.25	0.13	0.04	0.09
6	0.505	24.17	24.29	46.00	-21.71	0.12	0.04	0.08



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Data#: 870 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:45:06



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-R38D-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	0.157	49.92	50.17	65.65	-15.48	0.25	0.03	0.22
2	0.182	47.96	48.18	64.39	-16.21	0.22	0.04	0.18
3	0.225	55.62	55.82	62.62	-6.80	0.20	0.04	0.16
4	0.315	51.43	51.63	59.84	-8.21	0.20	0.04	0.16
5	0.379	52.38	52.56	58.30	-5.74	0.18	0.04	0.14
6	0.676	34.96	35.12	56.00	-20.88	0.16	0.05	0.11

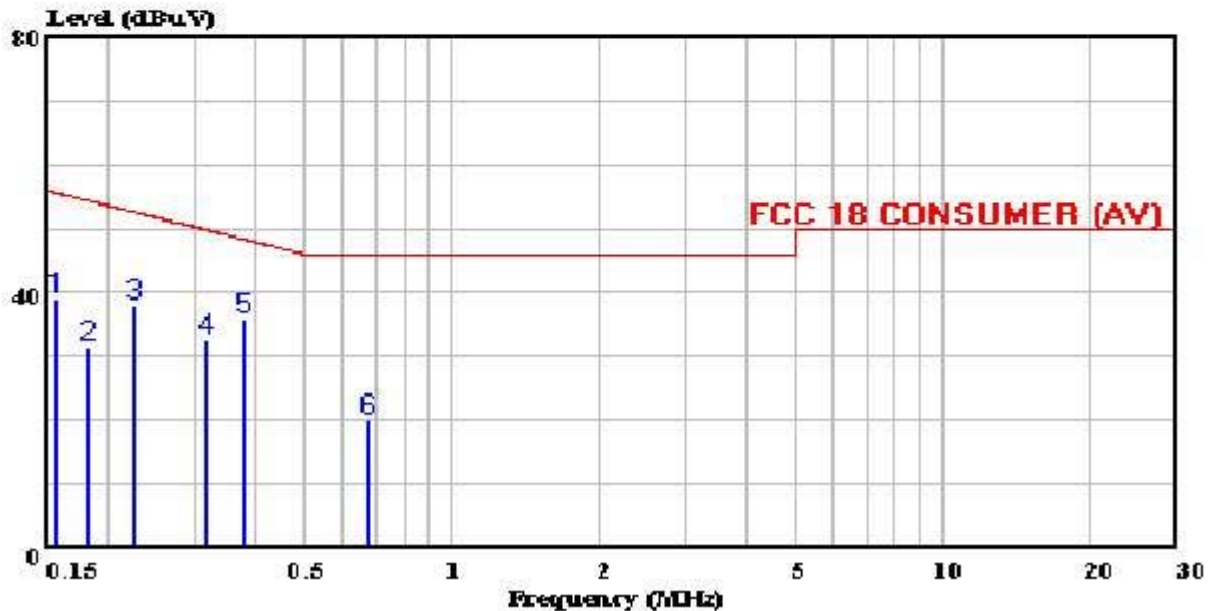
NOTE – The worst emission is detected at 0.379 MHz with corrected signal level of 52.56dB(μV) (limit is 58.30 dB(μV)), when the VB of the EUT is connected to LISN.



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Data#: 871 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:45:06



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-R38D-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

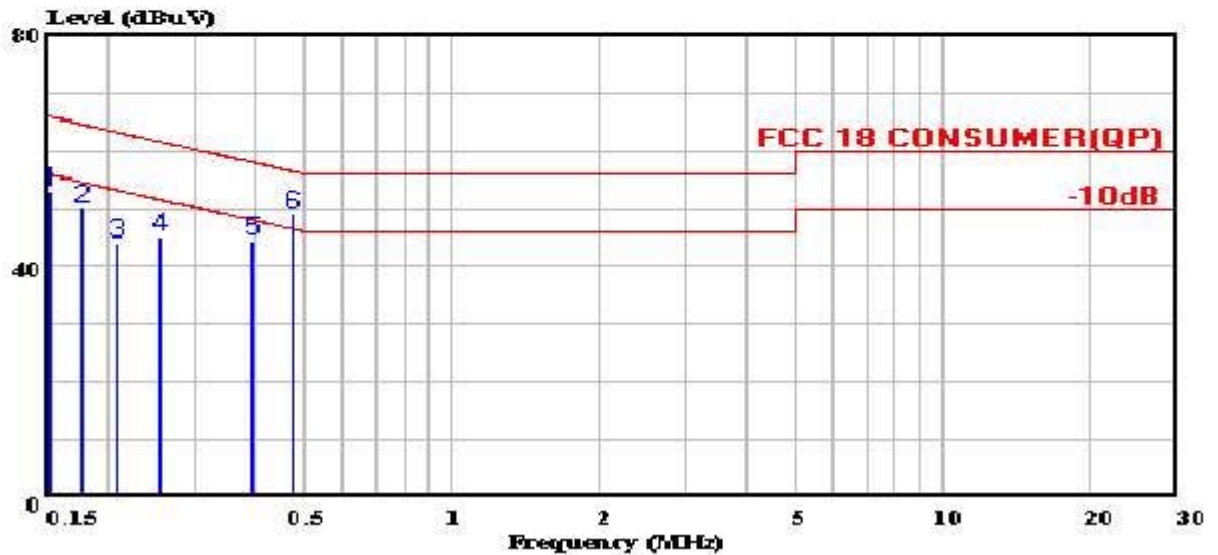
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.157	38.75	39.00	55.65	-16.65	0.25	0.03	0.22
2	0.182	31.26	31.48	54.39	-22.91	0.22	0.04	0.18
3	0.225	37.89	38.09	52.62	-14.53	0.20	0.04	0.16
4	0.315	32.30	32.50	49.84	-17.34	0.20	0.04	0.16
5	0.379	35.76	35.94	48.30	-12.36	0.18	0.04	0.14
6	0.676	19.92	20.08	46.00	-25.92	0.16	0.05	0.11



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Data#: 877 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-09 Time: 00:01:14



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-R40D-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

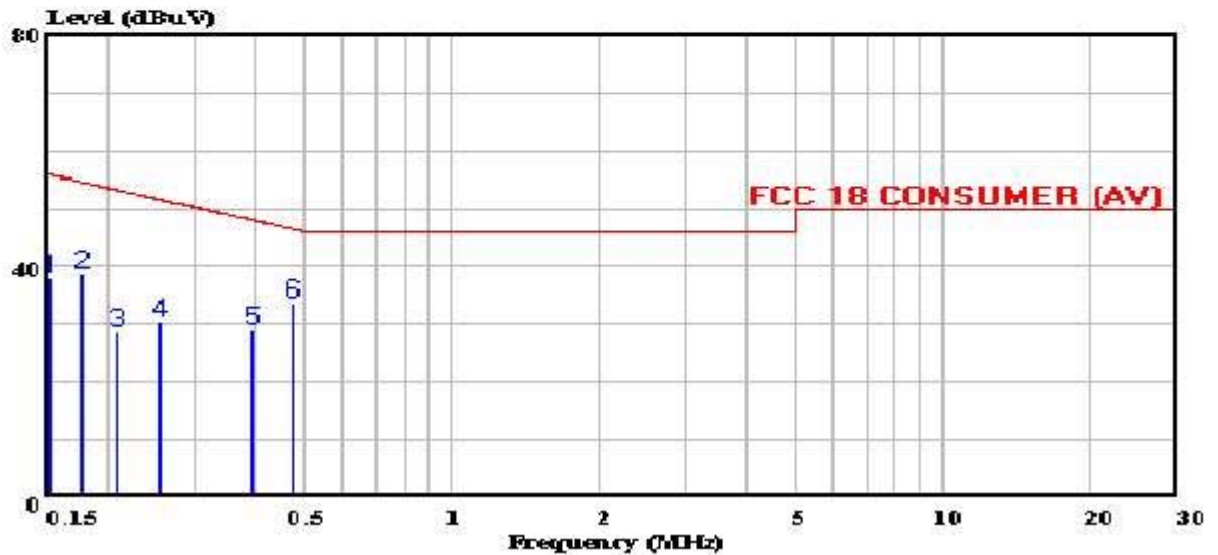
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	52.82	53.04	65.90	-12.86	0.22	0.03	0.19
2	0.178	49.86	50.08	64.60	-14.52	0.22	0.04	0.18
3	0.208	43.75	43.97	63.28	-19.31	0.22	0.04	0.18
4	0.254	44.85	45.04	61.62	-16.58	0.19	0.04	0.15
5	0.393	44.39	44.52	58.00	-13.48	0.13	0.04	0.09
6	0.477	49.12	49.24	56.39	-7.15	0.12	0.04	0.08



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Data#: 876 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-09 Time: 00:01:14



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-R40D-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

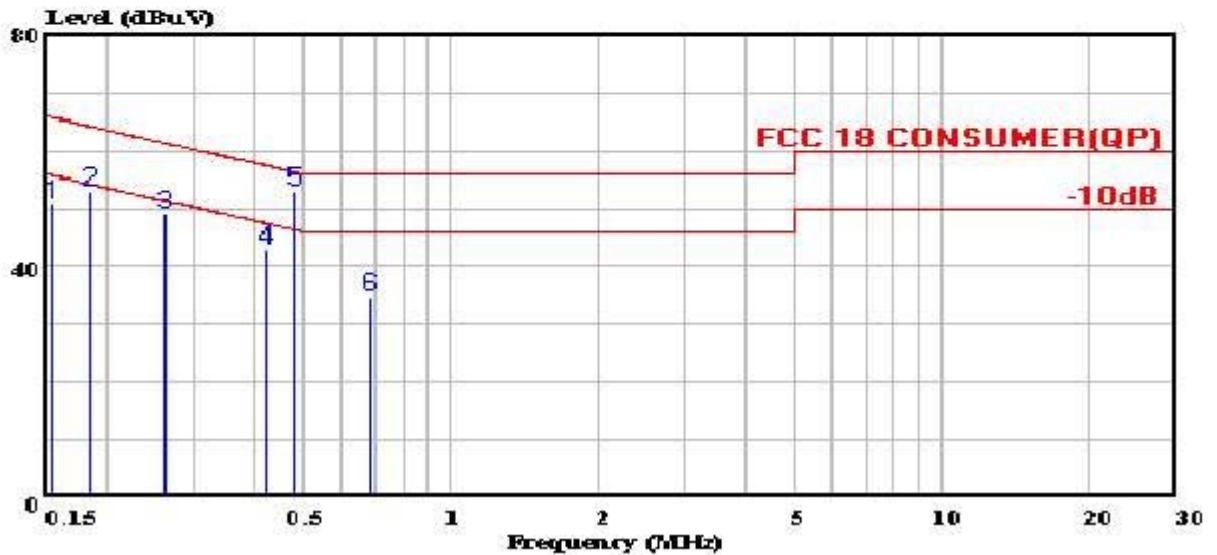
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	37.92	38.14	55.90	-17.76	0.22	0.03	0.19
2	0.178	38.36	38.58	54.60	-16.02	0.22	0.04	0.18
3	0.208	28.50	28.72	53.28	-24.56	0.22	0.04	0.18
4	0.254	30.36	30.55	51.62	-21.07	0.19	0.04	0.15
5	0.393	28.91	29.04	48.00	-18.96	0.13	0.04	0.09
6	0.477	33.45	33.57	46.39	-12.82	0.12	0.04	0.08



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Data#: 873 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:53:35



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-R40D-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	Limit	Over	Cable	Probe
	MHz	Level	Level	Line	Limit	Loss	Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB
1	0.154	50.66	50.91	65.79	-14.88	0.25	0.03
2	0.184	52.96	53.18	64.30	-11.12	0.22	0.04
3	0.261	48.78	48.98	61.41	-12.43	0.20	0.04
4	0.421	42.79	42.96	57.43	-14.47	0.17	0.04
5	0.483	52.77	52.92	56.29	-3.37	0.15	0.04
6	0.684	34.56	34.72	56.00	-21.28	0.16	0.05

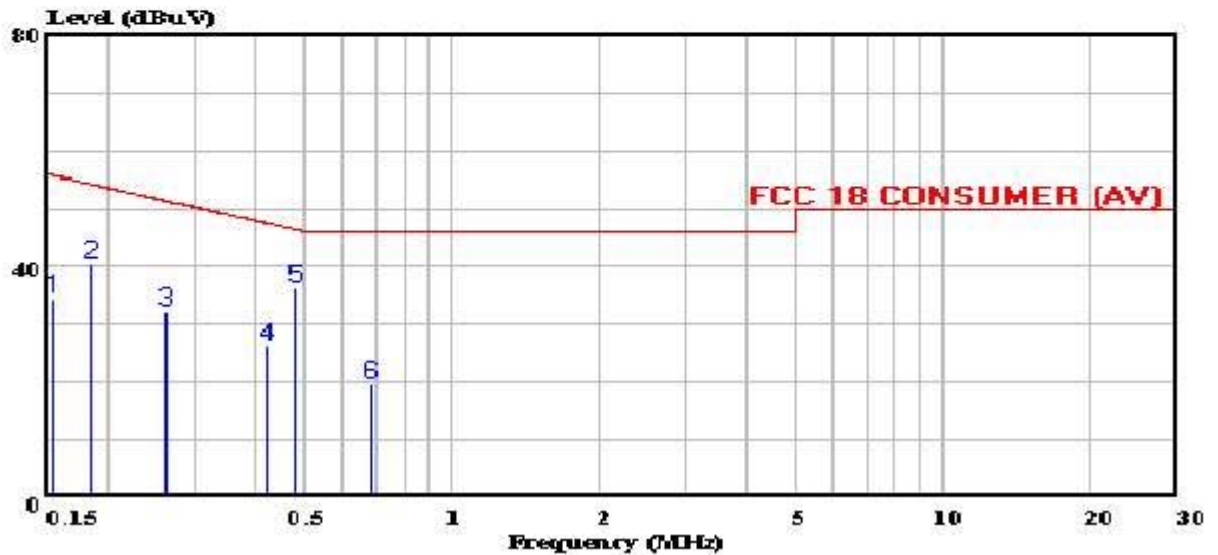
NOTE – The worst emission is detected at 0.483 MHz with corrected signal level of 52.92dB(μV) (limit is 56.29 dB(μV)), when the VB of the EUT is connected to LISN.



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Data#: 874 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-08 Time: 23:53:35



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-R40D-16W
S/N :
Power Supply : 120V/60Hz
Ambient : 23°C 56%RH
Test line : VB
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

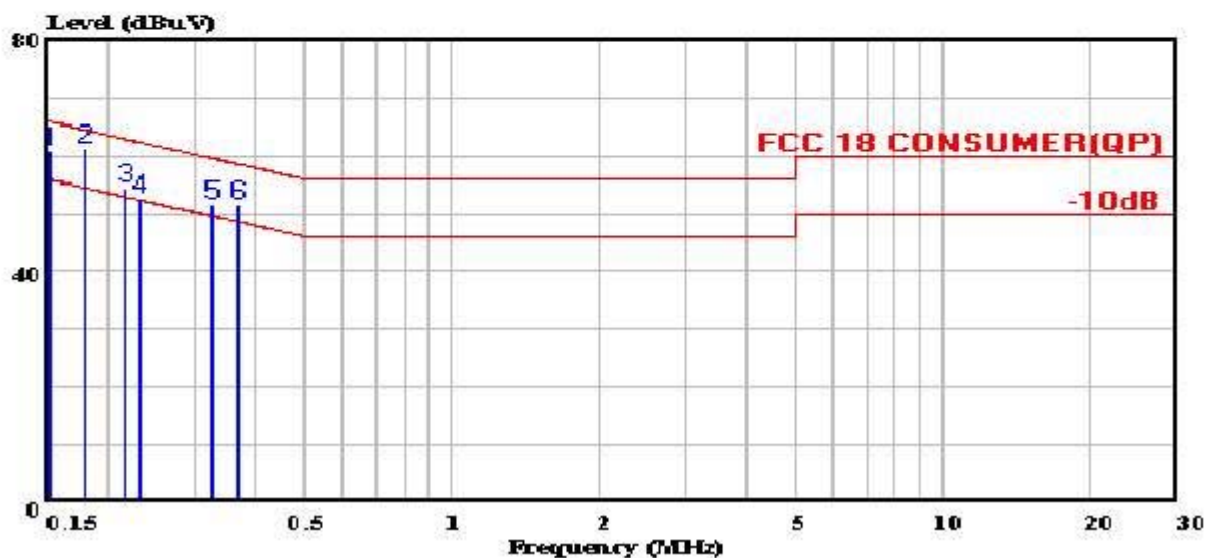
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.154	34.29	34.54	55.79	-21.25	0.25	0.03	0.22
2	0.184	40.46	40.68	54.30	-13.62	0.22	0.04	0.18
3	0.261	31.91	32.11	51.41	-19.30	0.20	0.04	0.16
4	0.421	26.04	26.21	47.43	-21.22	0.17	0.04	0.13
5	0.483	36.19	36.34	46.29	-9.95	0.15	0.04	0.11
6	0.684	19.57	19.73	46.00	-26.27	0.16	0.05	0.11



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Data#: 53 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 17:24:02



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-R40D-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	Limit	Over	Cable	Probe
	MHz	Level	Line	Limit	Loss	Factor
		dBuV	dBuV	dB	dB	dB
1 !	0.152	60.90	61.12	65.89	-4.77	0.22
2 !	0.180	61.30	61.52	64.49	-2.97	0.22
3 !	0.215	54.40	54.61	63.01	-8.40	0.21
4 !	0.232	52.60	52.81	62.38	-9.57	0.21
5 !	0.325	51.50	51.64	59.58	-7.94	0.14
6 !	0.365	51.40	51.53	58.61	-7.08	0.13

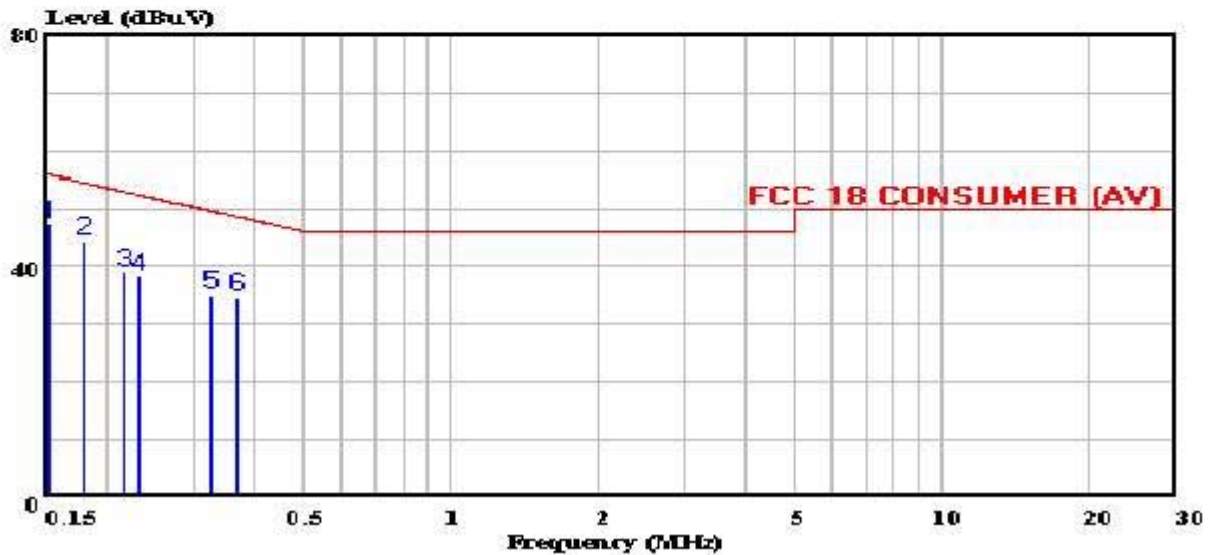
NOTE – The worst emission is detected at 0.180 MHz with corrected signal level of 61.52dB(μV) (limit is 64.49 dB(μV)), when the VA of the EUT is connected to LISN.



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Data#: 54 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 17:24:26



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-R40D-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VA
Test Mode : on
Test Engineer: *Solon Gong*

Page: 1

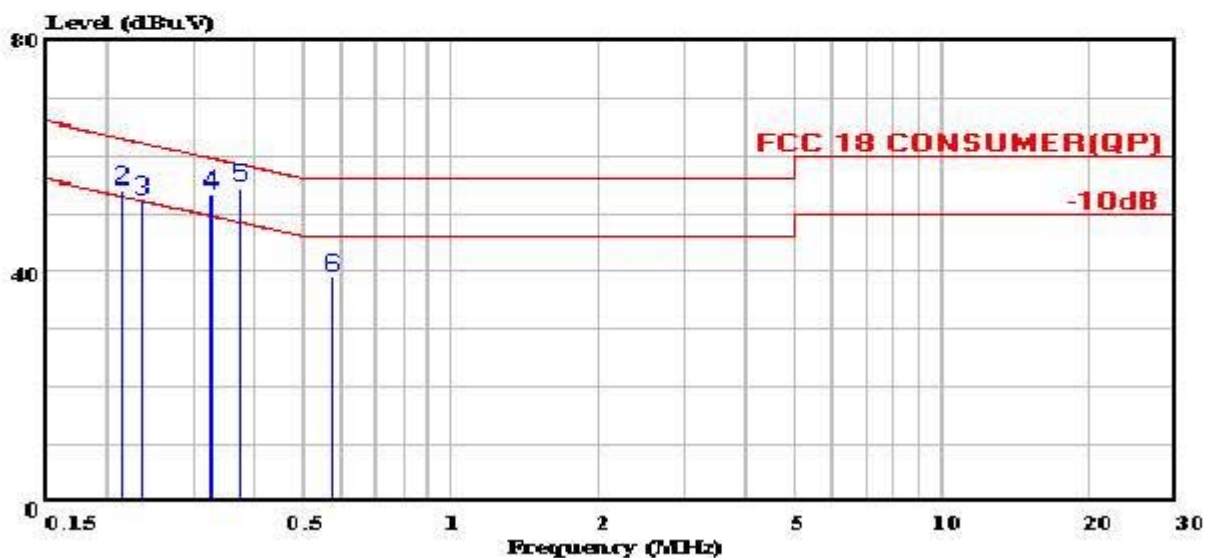
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.152	47.00	47.22	55.89	-8.67	0.22	0.03	0.19
2	0.180	44.30	44.52	54.49	-9.97	0.22	0.04	0.18
3	0.215	38.90	39.11	53.01	-13.90	0.21	0.04	0.17
4	0.232	38.30	38.51	52.38	-13.87	0.21	0.04	0.17
5	0.325	35.00	35.14	49.58	-14.44	0.14	0.04	0.10
6	0.365	34.80	34.93	48.61	-13.68	0.13	0.04	0.09



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Data#: 50 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 17:18:22



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-R40D-20W
S/N :
Power Supply : 120V/60Hz
Ambient : 23'C 56%RH
Test line : VB
Test Mode : on
Test Engineer:

Salon Gong

Page: 1

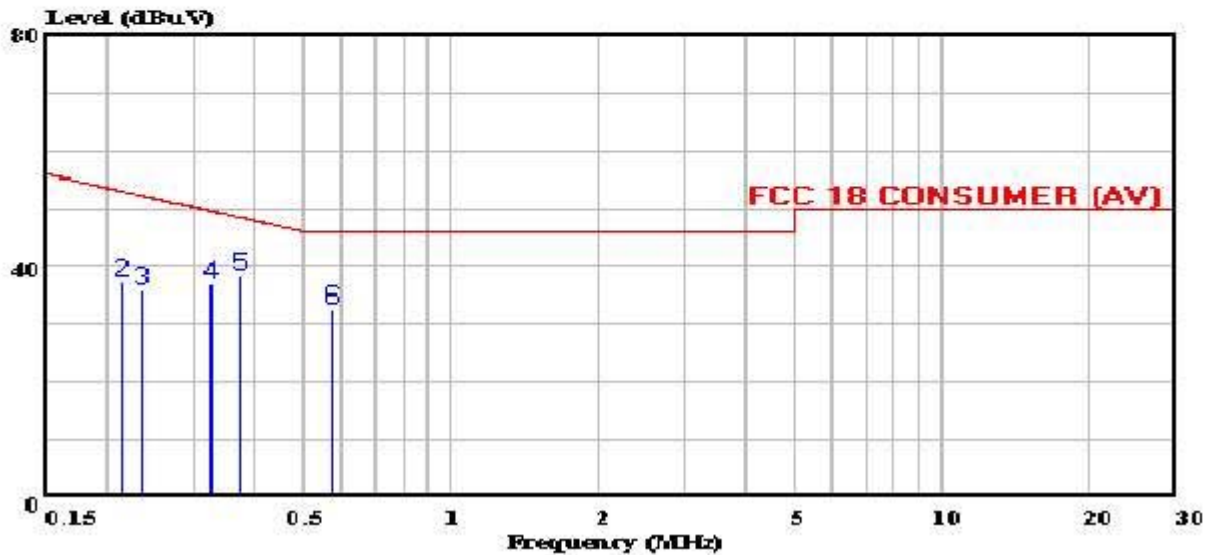
	Freq	Read Level	Level	Limit Line	Over Limit	Factor	Cable Loss	Probe Factor
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.151	61.80	62.06	65.94	-3.88	0.26	0.03	0.23
2 !	0.213	54.00	54.20	63.09	-8.89	0.20	0.04	0.16
3 !	0.234	52.20	52.40	62.31	-9.91	0.20	0.04	0.16
4 !	0.323	53.10	53.29	59.63	-6.34	0.19	0.04	0.15
5 !	0.371	54.30	54.48	58.48	-4.00	0.18	0.04	0.14
6	0.577	38.90	39.05	56.00	-16.95	0.15	0.04	0.11



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Data#: 51 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 17:19:07



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-R40D-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	0.151	47.30	47.56	55.94	-8.38	0.26	0.03	0.23
2	0.213	37.10	37.30	53.09	-15.79	0.20	0.04	0.16
3	0.234	35.80	36.00	52.31	-16.31	0.20	0.04	0.16
4	0.323	36.60	36.79	49.63	-12.84	0.19	0.04	0.15
5	0.371	38.30	38.48	48.48	-10.00	0.18	0.04	0.14
6	0.577	32.60	32.75	46.00	-13.25	0.15	0.04	0.11