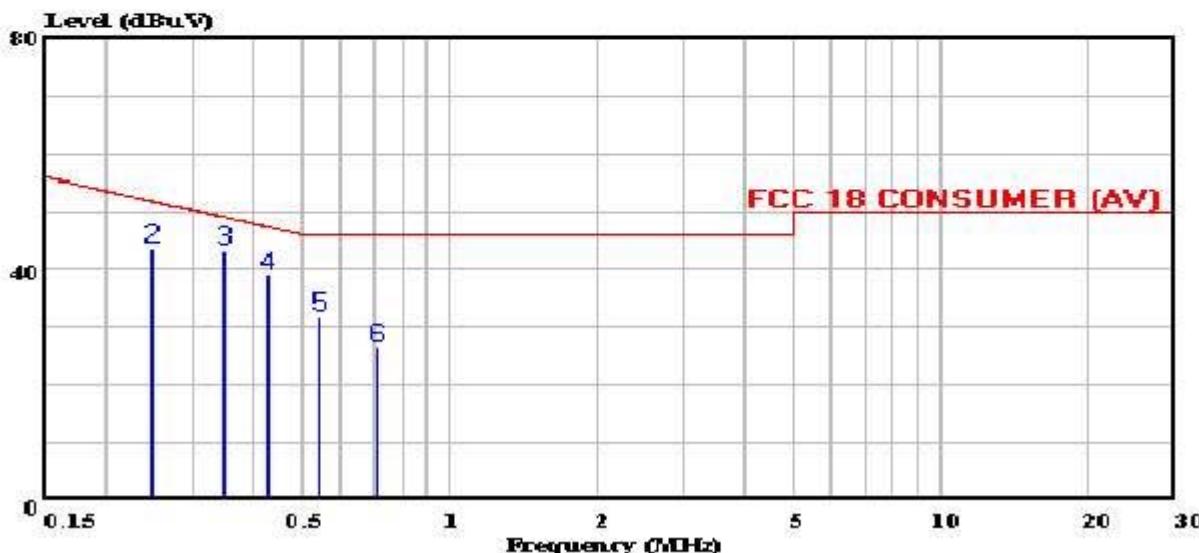




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Data#: 310 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-04-02 Time: 19:56:12



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-30W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23'C 56%RH
 Test line : VB
 Test Mode : on
 Test Engineer:

Salon Gong

Page: 1

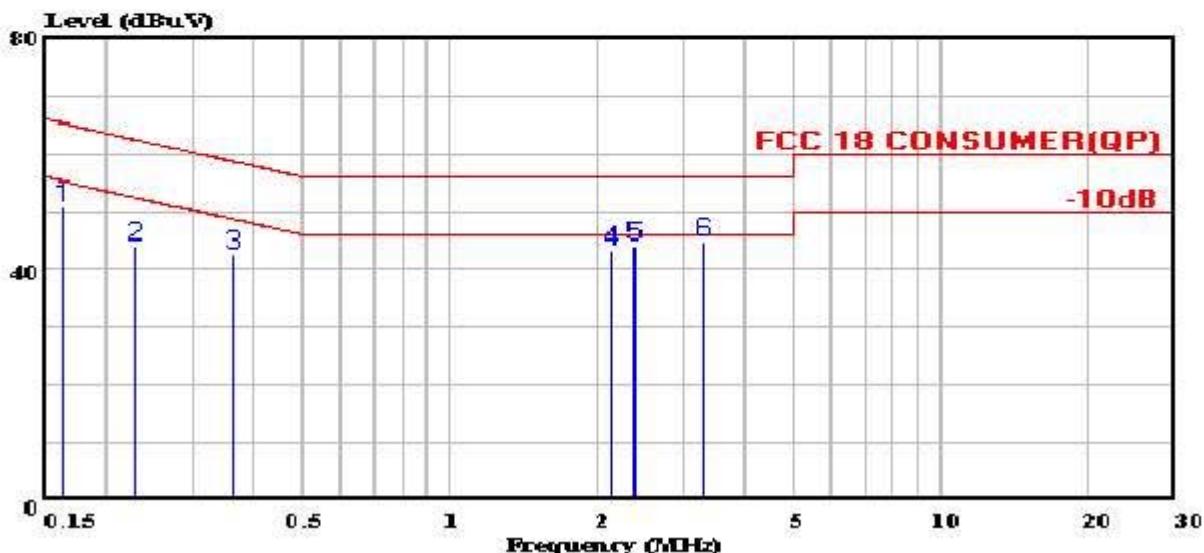
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dBuV	dB
1	0.150	37.80	38.06	56.00	-17.94
2	0.247	43.70	43.90	51.86	-7.96
3	0.347	43.30	43.49	49.03	-5.54
4	0.425	39.10	39.27	47.35	-8.08
5	0.547	31.80	31.95	46.00	-14.05
6	0.717	26.40	26.56	46.00	-19.44



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Data#: 934 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 06:13:28



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

Solon Gong

Page: 1

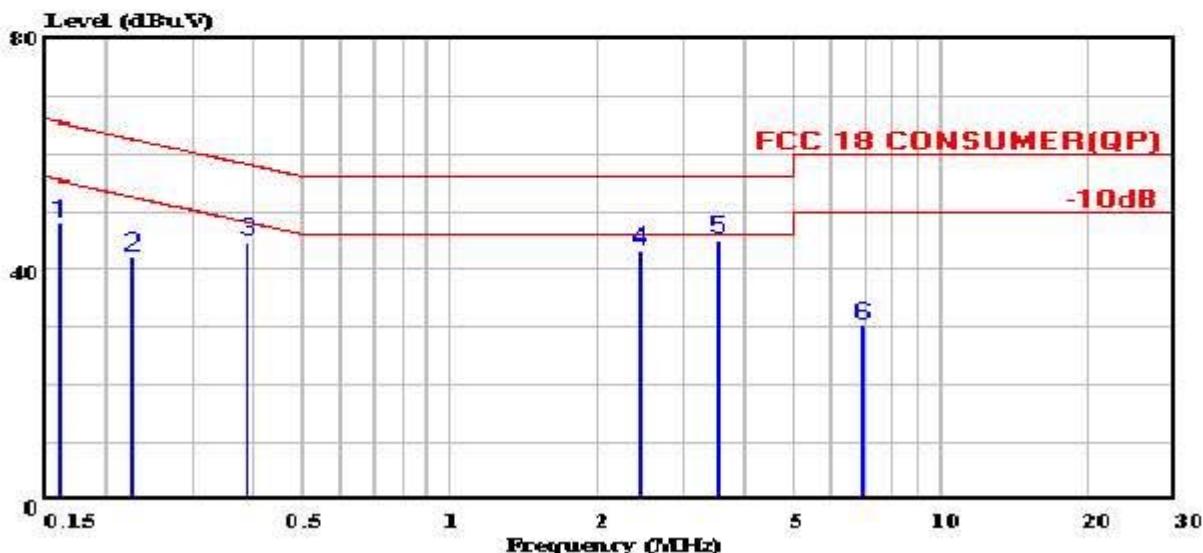
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dBuV	dB
1	0.163	50.73	50.95	65.30	-14.35
2	0.228	44.04	44.25	62.52	-18.27
3	0.360	42.66	42.79	58.74	-15.95
4	2.144	43.40	43.54	56.00	-12.46
5	2.371	43.83	43.98	56.00	-12.02
6	3.276	44.74	44.91	56.00	-11.09



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Data#: 932 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-10 Time: 06:11:33



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-ISD-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	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	
1	0.161	47.94	48.18	65.43	-17.25	0.24	0.03	0.21
2	0.224	42.20	42.40	62.66	-20.26	0.20	0.04	0.16
3	0.385	44.49	44.67	58.17	-13.50	0.18	0.04	0.14
4	2.448	43.13	43.33	56.00	-12.67	0.20	0.10	0.10
5	3.547	44.81	45.03	56.00	-10.97	0.22	0.11	0.11
6	6.914	30.06	30.34	60.00	-29.66	0.28	0.16	0.12

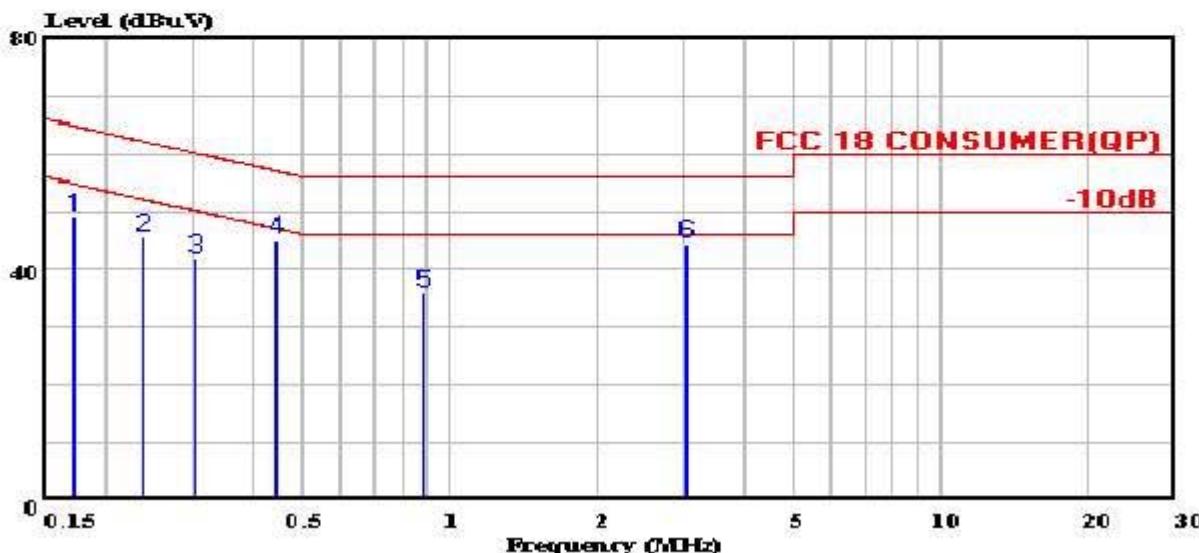
NOTE – The worst emission is detected at 3.547 MHz with corrected signal level of 45.03dB(μV) (limit is 56.00 dB(μV)), when the VB of the EUT is connected to LISN.



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Data#: 1097 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 09:41:37



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

Solon Gong

Page: 1

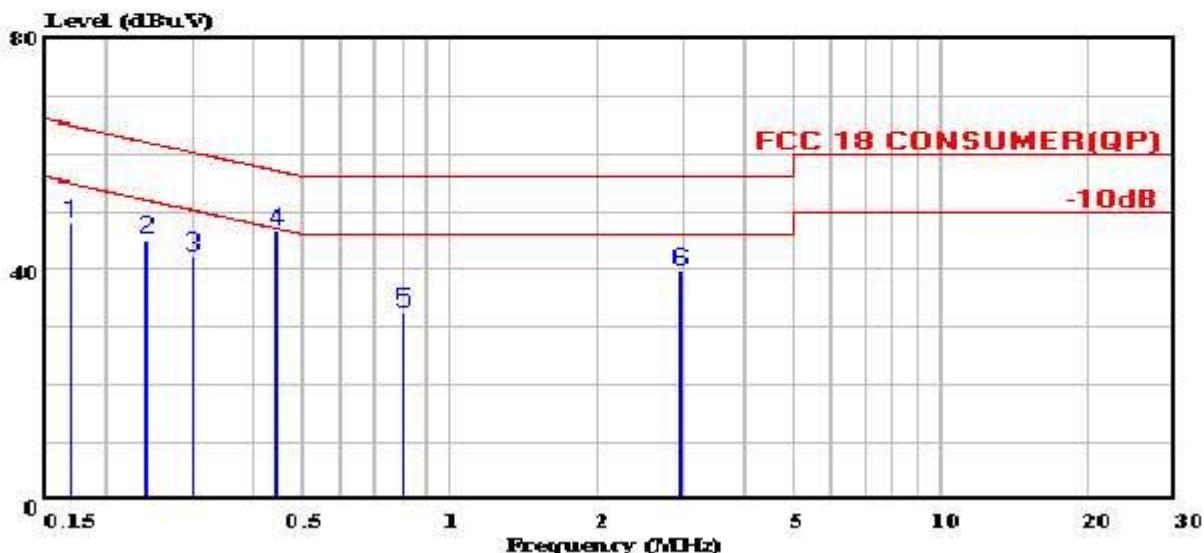
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dBuV	dB
1	0.172	49.06	49.28	64.86	-15.58
2	0.238	45.22	45.42	62.17	-16.75
3	0.302	42.00	42.14	60.19	-18.05
4	0.444	45.09	45.21	56.99	-11.78
5	0.885	35.75	35.85	56.00	-20.15
6	3.041	44.45	44.62	56.00	-11.38



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Data#: 1099 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 09:44:50



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-ISD-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	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dBuV	dB
1	0.169	47.87	48.10	64.99	-16.89
2	0.240	45.15	45.35	62.08	-16.73
3	0.299	42.22	42.42	60.28	-17.86
4	0.442	46.59	46.75	57.03	-10.28
5	0.800	32.36	32.52	56.00	-23.48
6	2.946	39.51	39.71	56.00	-16.29

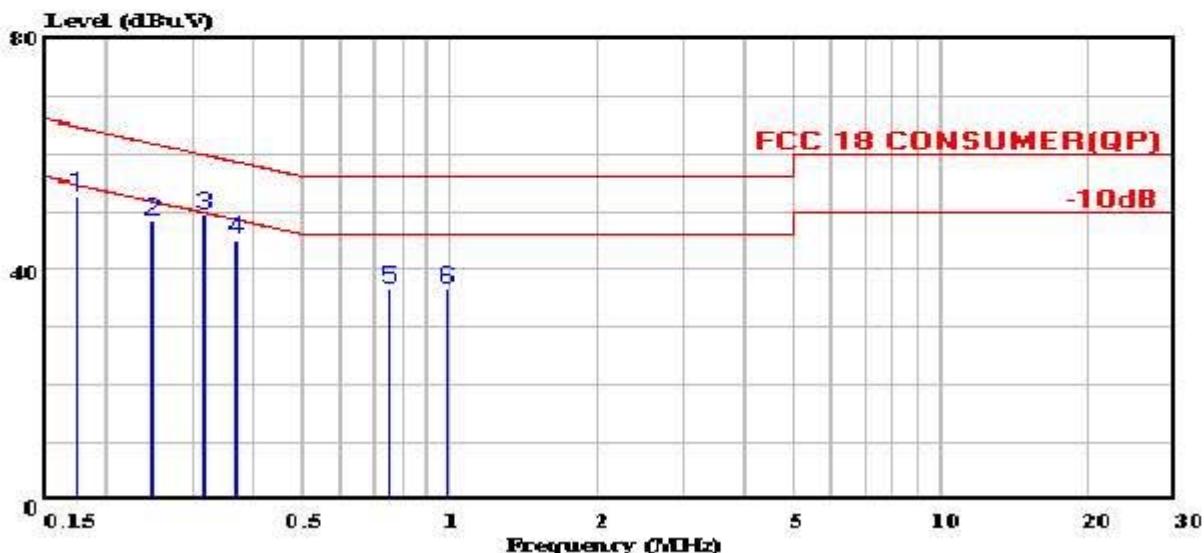
NOTE – The worst emission is detected at 0.442 MHz with corrected signal level of 46.75dB(μ V) (limit is 57.03 dB(μ V)), when the VB of the EUT is connected to LISN.



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Data#: 1105 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 09:59:57



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-ISD-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
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dBuV	dB
1	0.174	52.63	52.85	64.77	-11.92
2	0.248	48.11	48.31	61.82	-13.51
3	0.317	49.45	49.59	59.79	-10.20
4	0.367	45.10	45.23	58.56	-13.33
5	0.751	36.61	36.72	56.00	-19.28
6	0.984	36.52	36.62	56.00	-19.38

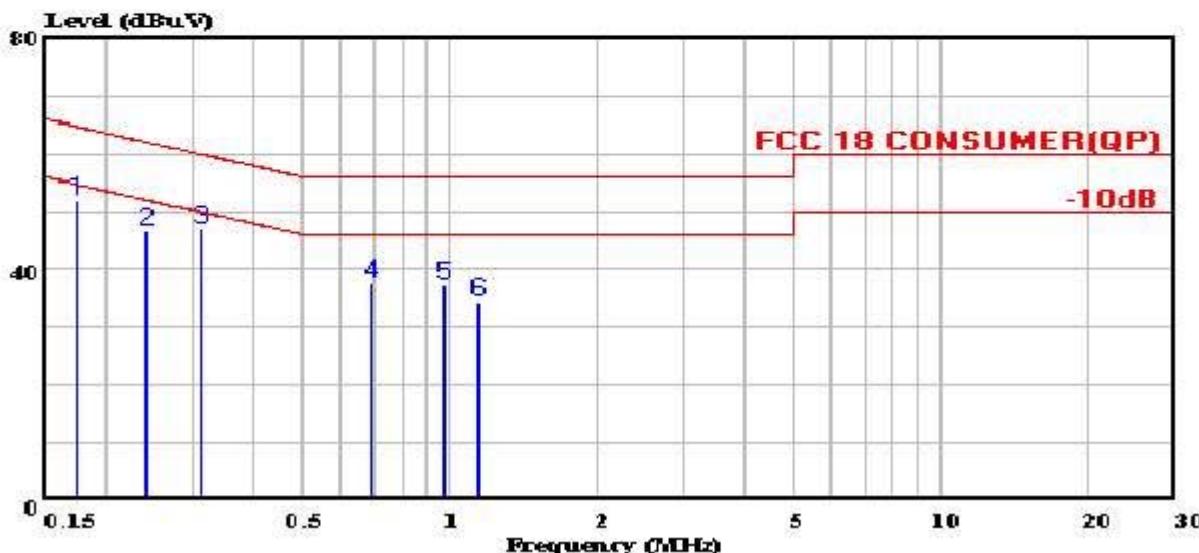
NOTE – The worst emission is detected at 0.317 MHz with corrected signal level of 49.59dB(μ V) (limit is 59.79 dB(μ V)), when the VA of the EUT is connected to LISN.



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Data#: 1107 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 10:03:33



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

Salon Gong

Page: 1

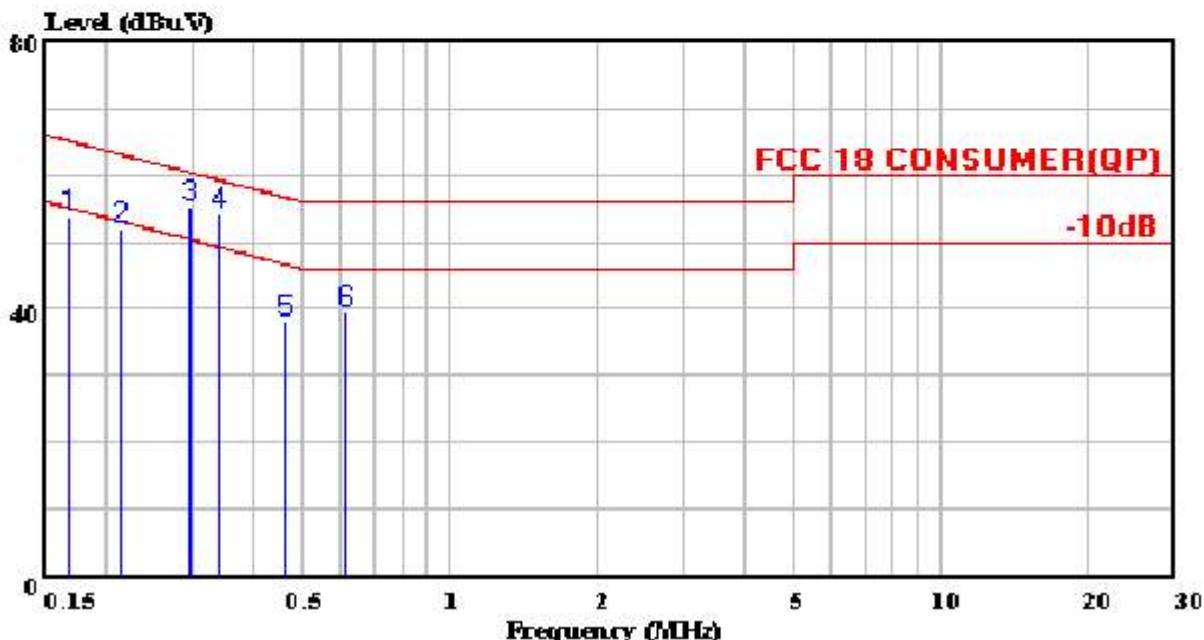
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	
1	0.175	51.89	52.12	64.72	-12.60	0.23	0.04	0.19
2	0.242	46.49	46.69	62.04	-15.35	0.20	0.04	0.16
3	0.313	46.82	47.02	59.88	-12.86	0.20	0.04	0.16
4	0.697	37.66	37.82	56.00	-18.18	0.16	0.05	0.11
5	0.974	37.06	37.22	56.00	-18.78	0.16	0.05	0.11
6	1.141	34.32	34.49	56.00	-21.51	0.17	0.06	0.11



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Data#: 1148 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-09 Time: 09:55:00



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

Solon Gong

Page: 1

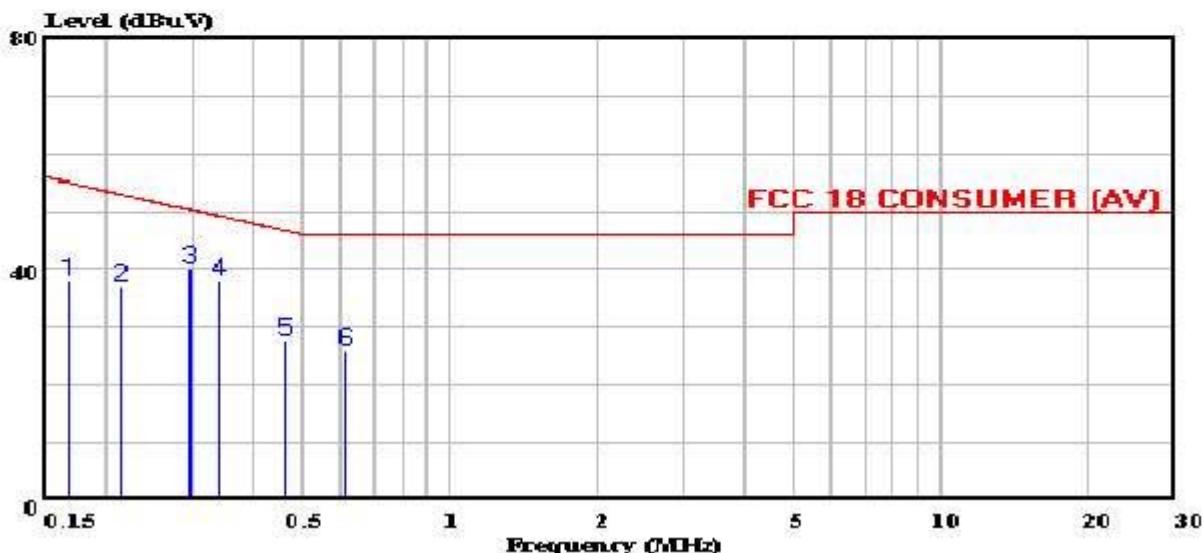
Freq	Read	Limit	Over	Cable		Probe	Remark	
	Level	Level	Line	Limit	Factor	Loss		
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	
1	0.168	53.63	53.85	65.06	-11.21	0.22	0.03	0.19
2	0.213	51.84	52.05	63.09	-11.04	0.21	0.04	0.17
3	0.296	55.11	55.26	60.35	-5.09	0.15	0.04	0.11
4	0.337	54.00	54.14	59.28	-5.14	0.14	0.04	0.10
5	0.461	37.92	38.04	56.67	-18.63	0.12	0.04	0.08
6	0.610	39.23	39.34	56.00	-16.66	0.11	0.04	0.07



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Data#: 1149 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-09 Time: 09:55:00



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

Salon Gong

Page: 1

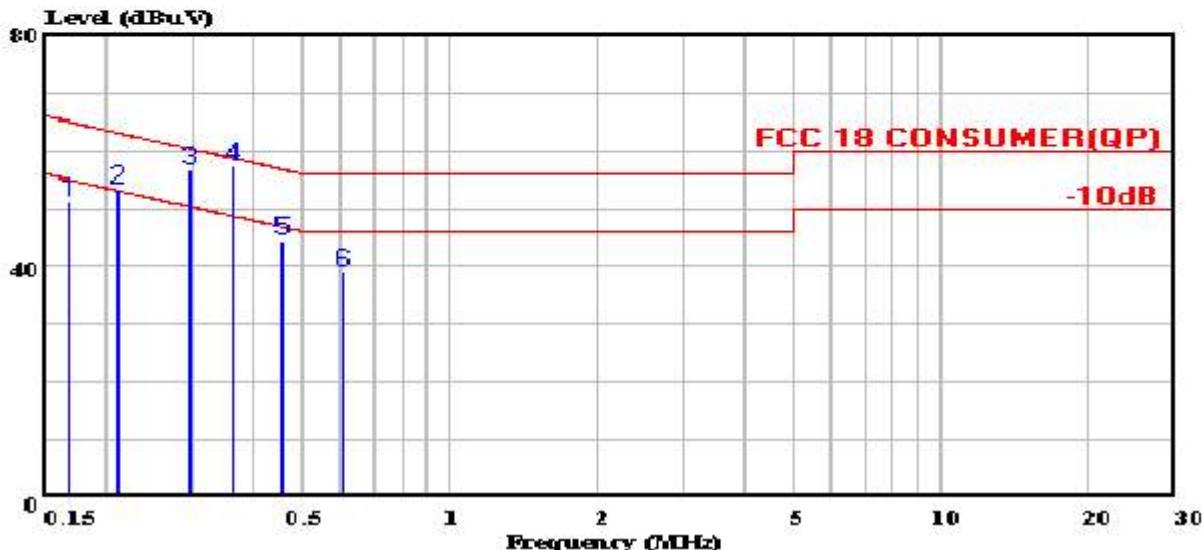
Freq	Read	Limit	Over	Cable	Probe	Loss	Factor	Remark
	Level	Level	Line					
1	0.168	37.74	37.96	55.06	-17.10	0.22	0.03	0.19
2	0.213	36.65	36.86	53.09	-16.23	0.21	0.04	0.17
3	0.296	40.04	40.19	50.35	-10.16	0.15	0.04	0.11
4	0.337	38.06	38.20	49.28	-11.08	0.14	0.04	0.10
5	0.461	27.55	27.67	46.67	-19.00	0.12	0.04	0.08
6	0.610	25.66	25.77	46.00	-20.23	0.11	0.04	0.07



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Data#: 1145 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-09 Time: 09:47:38



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-ISD-23W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23°C 56%RH
 Test line : ---
 Test Mode : *Salon Gong*
 Test Engineer:

----: 1

Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
	MHz	dBuV	dBuV	dB	dB	dB	dB	
1	0.167	51.17	51.40	65.11	-13.71	0.23	0.03	0.20
2	0.211	53.09	53.29	63.17	-9.88	0.20	0.04	0.16
3	0.296	56.60	56.80	60.35	-3.55	0.20	0.04	0.16
4	0.363	57.13	57.31	58.66	-1.35	0.18	0.04	0.14
5	0.454	44.50	44.66	56.80	-12.14	0.16	0.04	0.12
6	0.604	38.88	39.03	56.00	-16.97	0.15	0.04	0.11

NOTE 1 – The worst emission is detected at 0.363 MHz with corrected signal level of 57.31 dB(μ V) (limit is 58.66 dB(μ V)), when the VA of the EUT is connected to LISN.

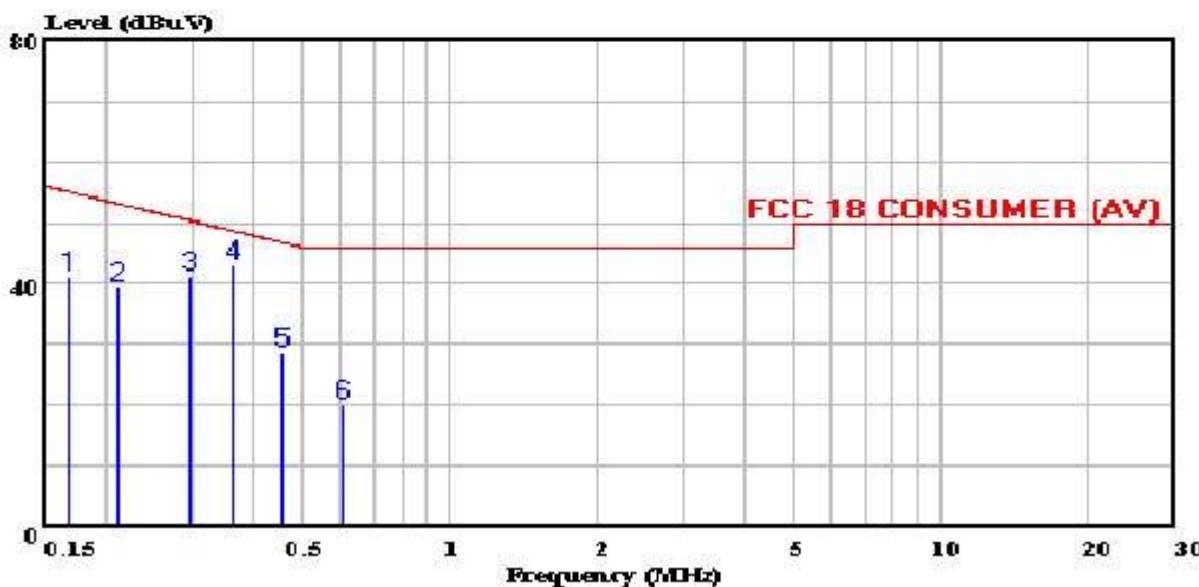
NOTE 2 – At the frequency 0.363MHz[VB (QP)], the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



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Data#: 1146 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-09 Time: 09:47:38



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

Salon Gong

Page: 1

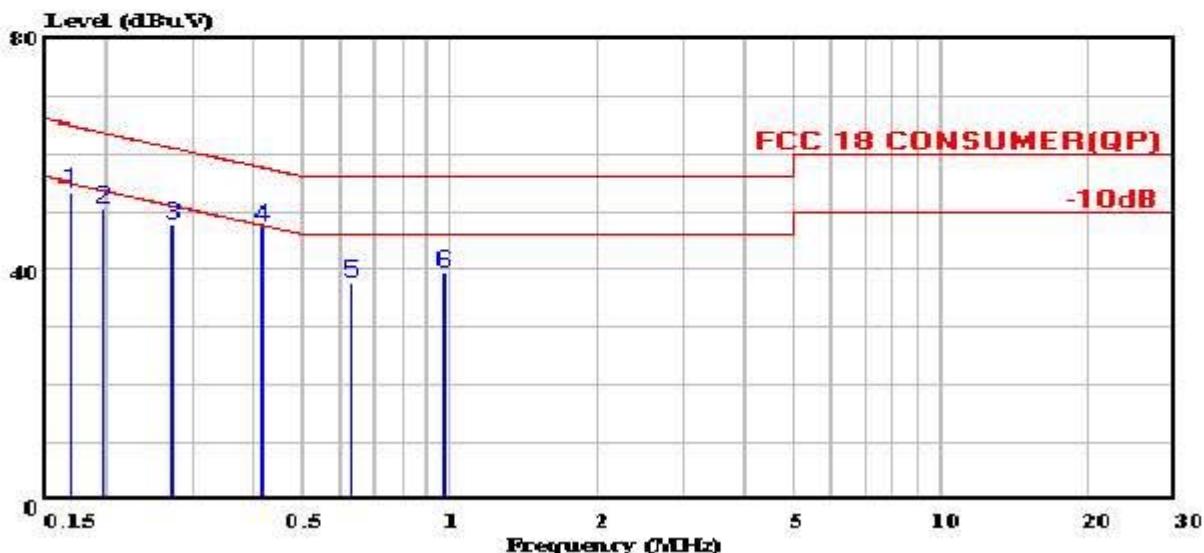
Freq	Read	Limit	Over	Cable	Probe	
	Level	Level	Line	Limit Factor	Loss Factor	Remark
	MHz	dBuV	dBuV	dBuV	dB	dB
1	0.167	41.13	41.36	55.11	-13.75	0.23
2	0.211	39.44	39.64	53.17	-13.53	0.20
3	0.296	41.04	41.24	50.35	-9.11	0.20
4	0.363	42.78	42.96	48.66	-5.70	0.18
5	0.454	28.37	28.53	46.80	-18.27	0.16
6	0.604	19.88	20.03	46.00	-25.97	0.15



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Data#: 1095 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 09:38:51



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-ISD-26W
 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	Limit	Over	Cable	Probe			
	Level	Level	Line					
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	
1	0.169	53.23	53.45	65.03	-11.58	0.22	0.03	0.19
2	0.195	50.43	50.65	63.80	-13.15	0.22	0.04	0.18
3	0.273	47.51	47.68	61.03	-13.35	0.17	0.04	0.13
4	0.414	47.32	47.45	57.56	-10.11	0.13	0.04	0.09
5	0.627	37.73	37.84	56.00	-18.16	0.11	0.04	0.07
6	0.974	39.40	39.50	56.00	-16.50	0.10	0.05	0.05

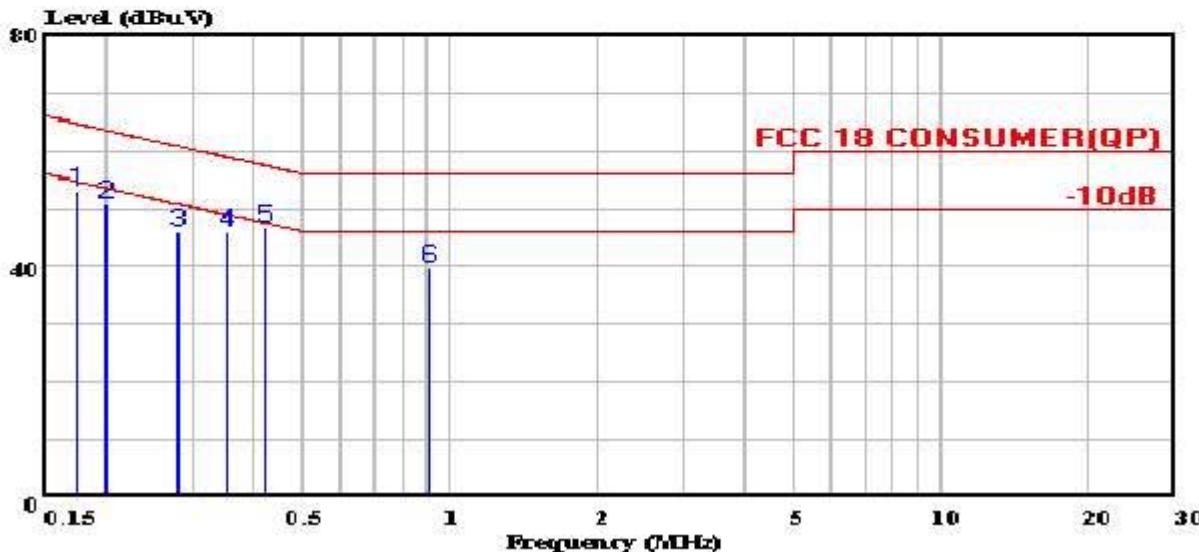
NOTE – The worst emission is detected at 0.414 MHz with corrected signal level of 47.45dB(μ V) (limit is 57.56 dB(μ V)), when the VA of the EUT is connected to LISN.



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Data#: 1093 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 09:36:37



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-ISD-26W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23°C 56%RH
 Test line : VB
 Test Mode : ON
 Test Engineer:

Salon Gong

Page: 1

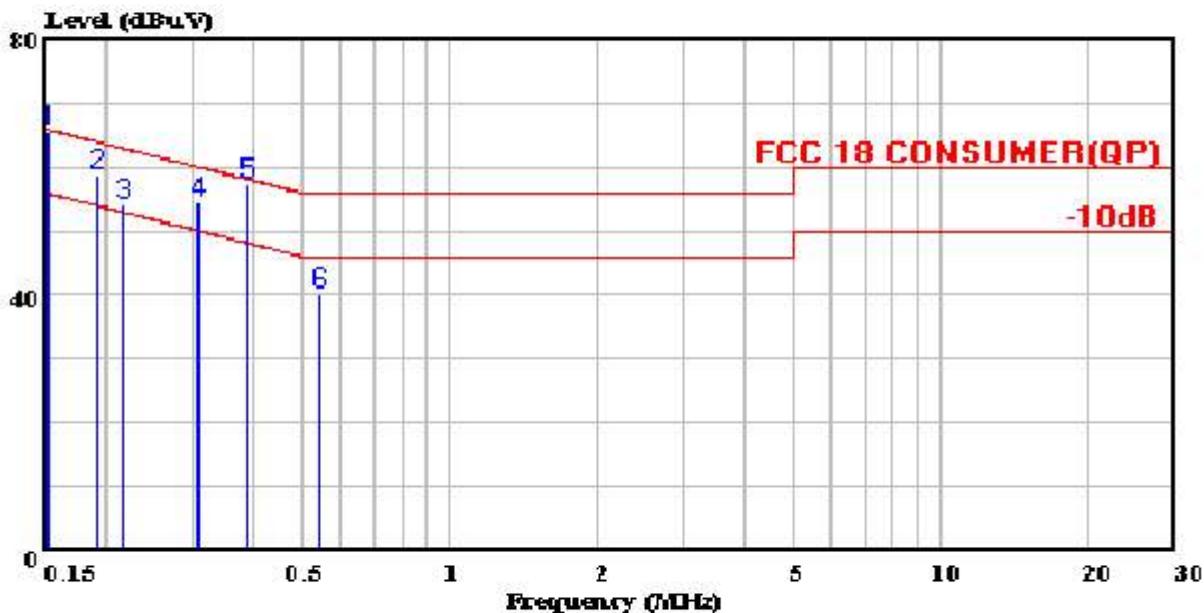
Freq	Read	Limit	Over	Cable	Probe		
	Level	Level	Line	Limit Factor	Loss Factor		
MHz	dBuV	dBuV	dBuV	dB	dB		
1	52.96	53.19	64.72	-11.53	0.23	0.04	0.19
2	50.71	50.91	63.62	-12.71	0.20	0.04	0.16
3	45.56	45.76	60.81	-15.05	0.20	0.04	0.16
4	45.89	46.07	58.96	-12.89	0.18	0.04	0.14
5	46.47	46.64	57.44	-10.80	0.17	0.04	0.13
6	39.54	39.70	56.00	-16.30	0.16	0.05	0.11



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Data#: 1143 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-09 Time: 09:40:46



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-ISD-30W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23°C 56%RH
 Test line : VA
 Test Mode : **
 Test Engineer: *Salon Gong*

: 1

Freq	Read	Limit	Over	Cable		Probe		
	Level	Level	Line	Limit	Factor	Loss	Factor	
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.153	65.27	65.49	65.84	-0.35	0.22	0.03	0.19
2 !	0.191	58.63	58.85	63.99	-5.14	0.22	0.04	0.18
3 !	0.217	53.92	54.13	62.93	-8.80	0.21	0.04	0.17
4 !	0.307	54.46	54.60	60.05	-5.45	0.14	0.04	0.10
5 !	0.389	57.29	57.42	58.09	-0.67	0.13	0.04	0.09
6	0.541	39.99	40.11	56.00	-15.89	0.12	0.04	0.08

NOTE 1 - The worst emission is detected at 0.153 MHz with corrected signal level of 65.49 dB(μ V) (limit is 65.84 dB(μ V)), when the VA of the EUT is connected to LISN.

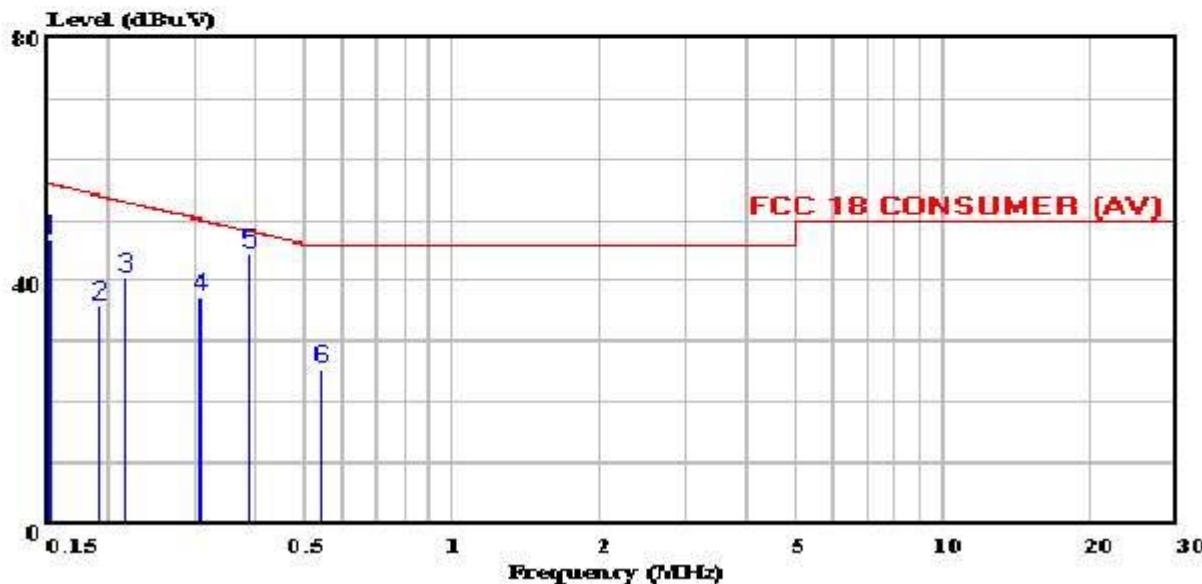
NOTE 2 - At the frequency 0.153MHz and 0.389MHz[VA (QP)], 0.155MHz and 0.389MHz[VB (QP)], the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



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Data#: 1142 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-09 Time: 09:40:46



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-ISD-30W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23'C 56%RH
 Test line : VA
 Test Mode : ON
 Test Engineer: *Salong Gong*

Page: 1

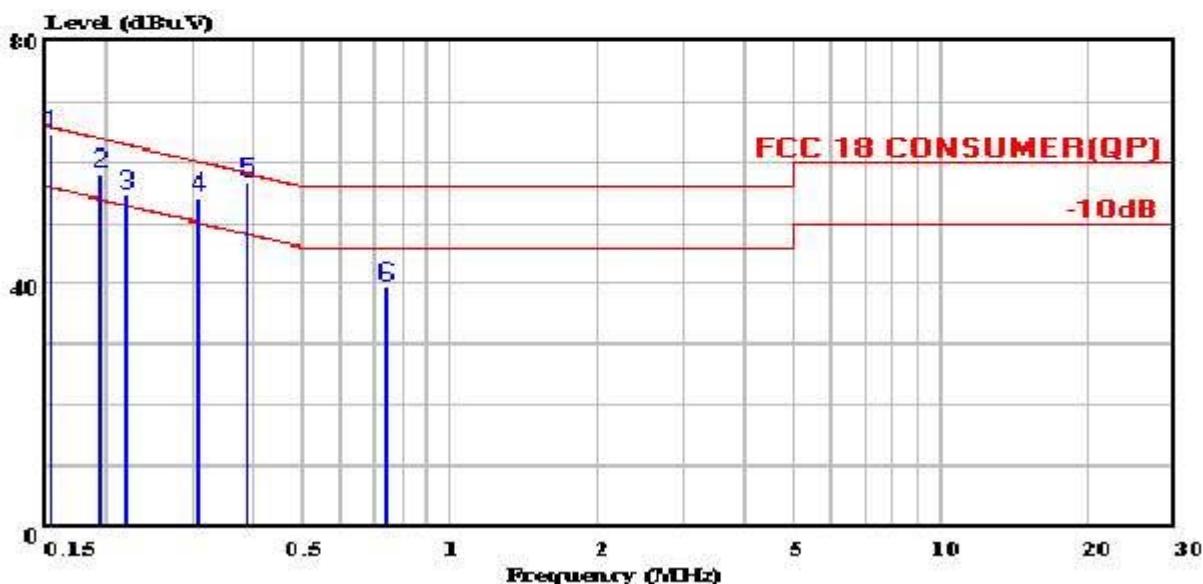
Freq	Read	Limit	Over	Cable	Probe			
	Level					Level	Remark	
MHz	dBuV	dBuV	dBuV	dB	dB	dB		
1	0.153	46.26	46.48	55.84	-9.36	0.22	0.03	0.19
2	0.191	35.50	35.72	53.99	-18.27	0.22	0.04	0.18
3	0.217	40.46	40.67	52.93	-12.26	0.21	0.04	0.17
4	0.307	37.29	37.43	50.05	-12.62	0.14	0.04	0.10
5	0.389	44.52	44.65	48.09	-3.44	0.13	0.04	0.09
6	0.541	25.34	25.46	46.00	-20.54	0.12	0.04	0.08



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Data#: 1139 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-09 Time: 09:36:14



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-ISD-30W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23'C 56%RH
 Test line : VB
 Test Mode : ON
 Test Engineer: *Salong Gong*

Page: 1

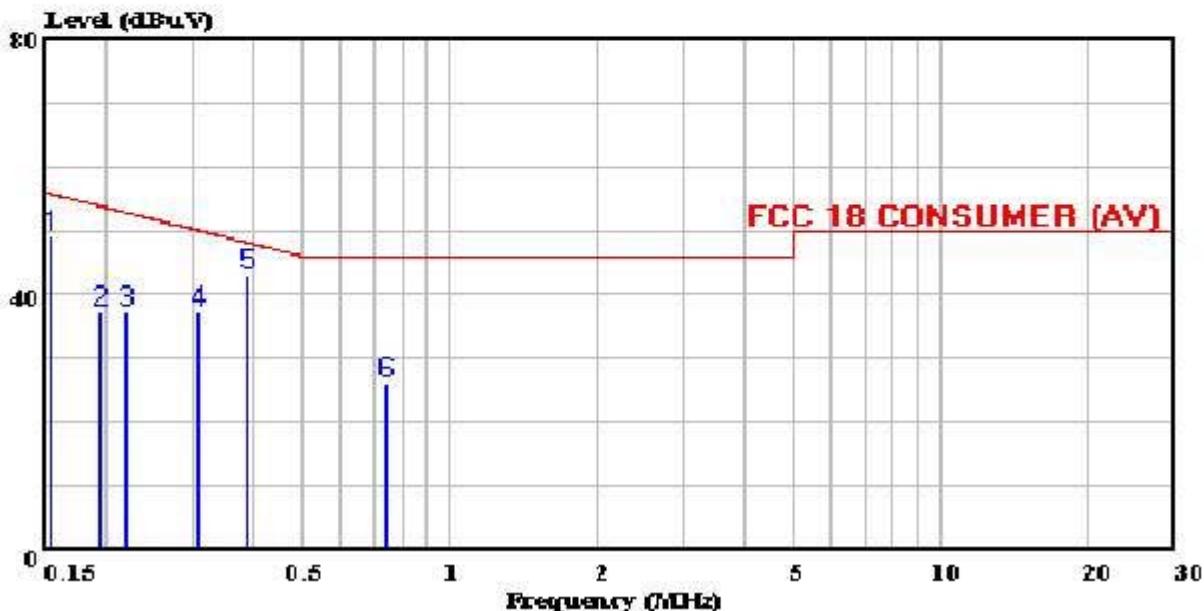
Freq	Read	Limit	Over	Cable	Probe	
	Level	Level	Line	Limit Factor	Loss Factor	Remark
	MHz	dBuV	dBuV	dBuV	dB	dB
1 !	0.155	64.16	64.41	65.73	-1.32	0.25
2 !	0.194	57.79	58.00	63.86	-5.86	0.21
3 !	0.220	54.20	54.40	62.82	-8.42	0.20
4 !	0.307	54.06	54.26	60.05	-5.79	0.20
5 !	0.389	56.37	56.54	58.09	-1.55	0.17
6	0.740	39.33	39.49	56.00	-16.51	0.16
					0.05	0.11



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Data#: 1140 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-06-09 Time: 09:36:14



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-ISD-30W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23°C 56%RH
 Test line : VB
 Test Mode : ON
 Test Engineer:

Solomon Gong

Page: 1

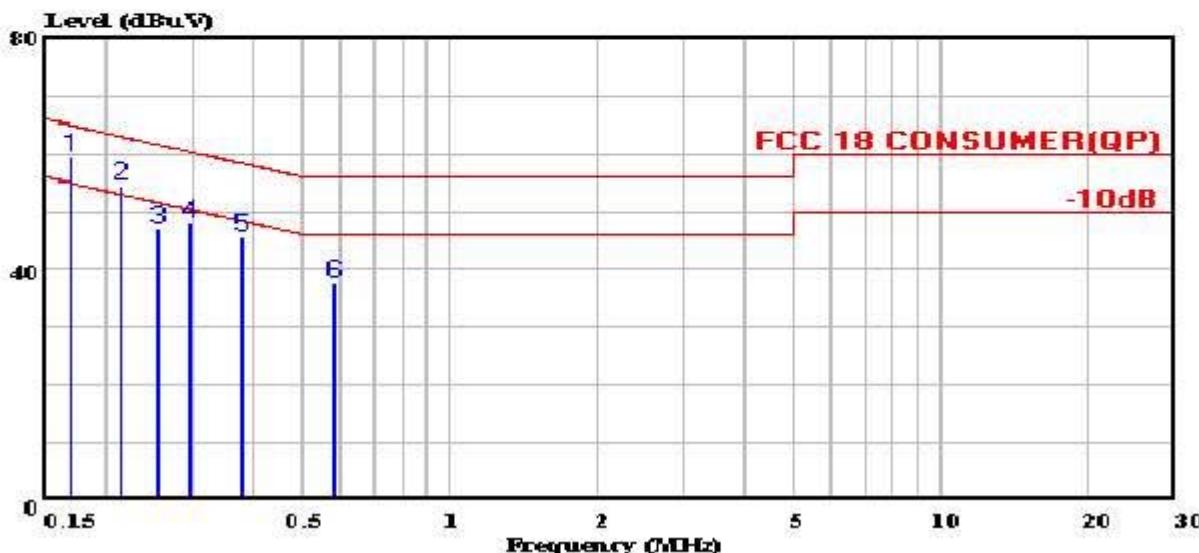
Freq	Read	Limit	Over	Cable	Probe			
	MHz	dBuV	dBuV	Line	Limit Factor	Loss Factor	Remark	
1	0.155	48.92	49.17	55.73	-6.56	0.25	0.03	0.22
2	0.194	37.23	37.44	53.86	-16.42	0.21	0.04	0.17
3	0.220	37.12	37.32	52.82	-15.50	0.20	0.04	0.16
4	0.307	36.94	37.14	50.05	-12.91	0.20	0.04	0.16
5	0.389	42.84	43.01	48.09	-5.08	0.17	0.04	0.13
6	0.740	25.90	26.06	46.00	-19.94	0.16	0.05	0.11



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Data#: 115 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 19:23:39



Site : Conducted emission
 Condition : FCC 18 CONSUMER (QP) KNW-407 VA
 Project No. : AOE-000367
 Applicant : XIAMEN LONGSTAR LIGHTING CO., LTD
 EUT : Energy Saving Lamp
 M/N : FE-R20D-9W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23°C 56%RH
 Test line : VA
 Test Mode : on
 Test Engineer:

Salon Gong

Page: 1

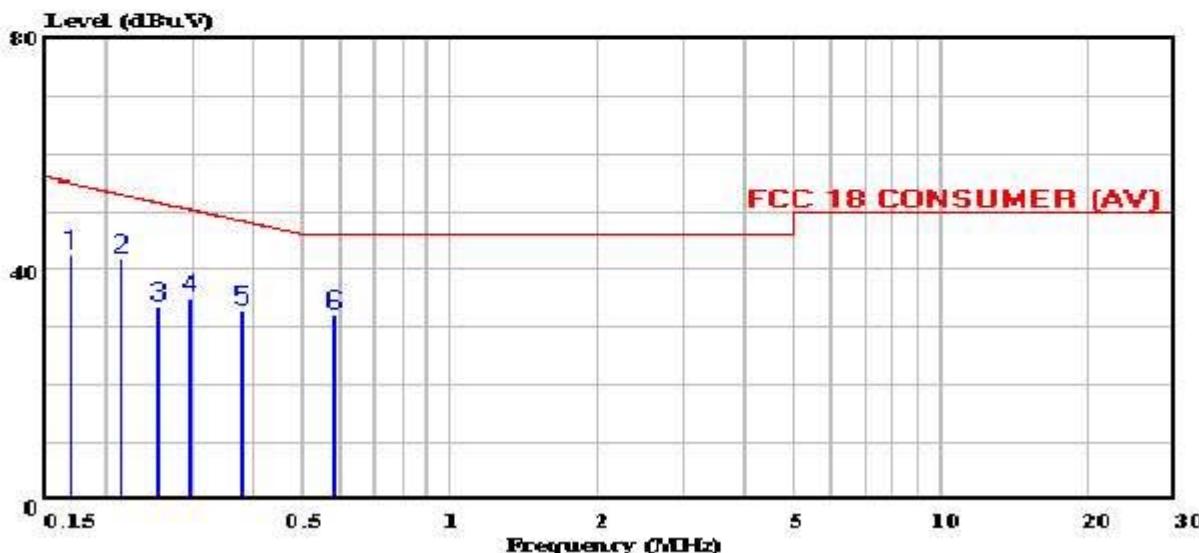
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
1	0.169	59.50	59.72	65.01	-5.29	0.22	0.03	0.19
2	0.213	54.30	54.51	63.09	-8.58	0.21	0.04	0.17
3	0.253	46.90	47.09	61.66	-14.57	0.19	0.04	0.15
4	0.294	48.00	48.15	60.41	-12.26	0.15	0.04	0.11
5	0.377	45.30	45.43	58.35	-12.92	0.13	0.04	0.09
6	0.582	37.71	37.82	56.00	-18.18	0.11	0.04	0.07



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Data#: 116 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 19:24:12



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-R20D-9W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23'C 56%RH
 Test line : VA
 Test Mode : on
 Test Engineer:

Salon Gong

Page: 1

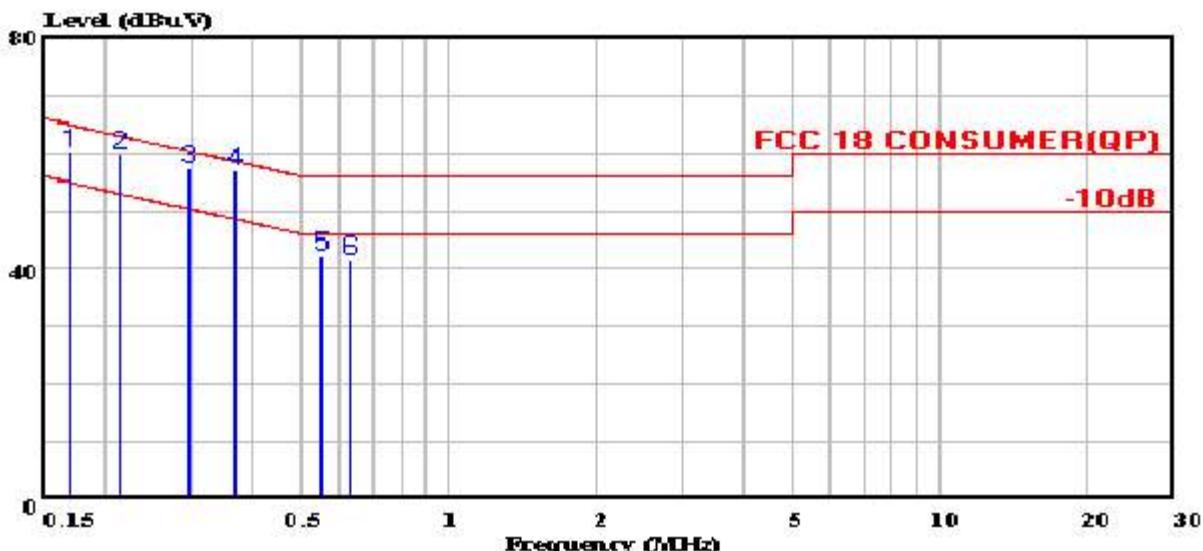
Freq	Read	Limit	Over	Cable		Probe		
	Level	Level	Line	Limit	Factor	Loss	Factor	
1	0.169	42.60	42.82	55.01	-12.19	0.22	0.03	0.19
2	0.213	41.70	41.91	53.09	-11.18	0.21	0.04	0.17
3	0.253	33.60	33.79	51.66	-17.87	0.19	0.04	0.15
4	0.294	34.90	35.05	50.41	-15.36	0.15	0.04	0.11
5	0.377	32.90	33.03	48.35	-15.32	0.13	0.04	0.09
6	0.582	32.31	32.42	46.00	-13.58	0.11	0.04	0.07



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Data#: 112 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 19:18:17



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 :
 S/N : 120V/60Hz
 Power Supply : 120V/50Hz
 Ambient : 23°C 56%RH
 Test line : VB
 Test Mode :
 Test Engineer: *Salon Gong*

----: 1

Freq	Read	Limit	Over	Cable	Probe			
	Level							
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1	0.170	60.10	60.33	64.96	-4.63	0.23	0.03	0.20
2	0.213	59.60	59.80	63.09	-3.29	0.20	0.04	0.16
3	0.296	57.10	57.30	60.35	-3.05	0.20	0.04	0.16
4	0.369	56.90	57.08	58.52	-1.44	0.18	0.04	0.14
5	0.552	42.10	42.25	56.00	-13.75	0.15	0.04	0.11
6	0.634	41.49	41.65	56.00	-14.35	0.16	0.05	0.11

NOTE 1 – The worst emission is detected at 0.369 MHz with corrected signal level of 57.08 dB(μ V) (limit is 58.52 dB(μ V)), when the VB of the EUT is connected to LISN.

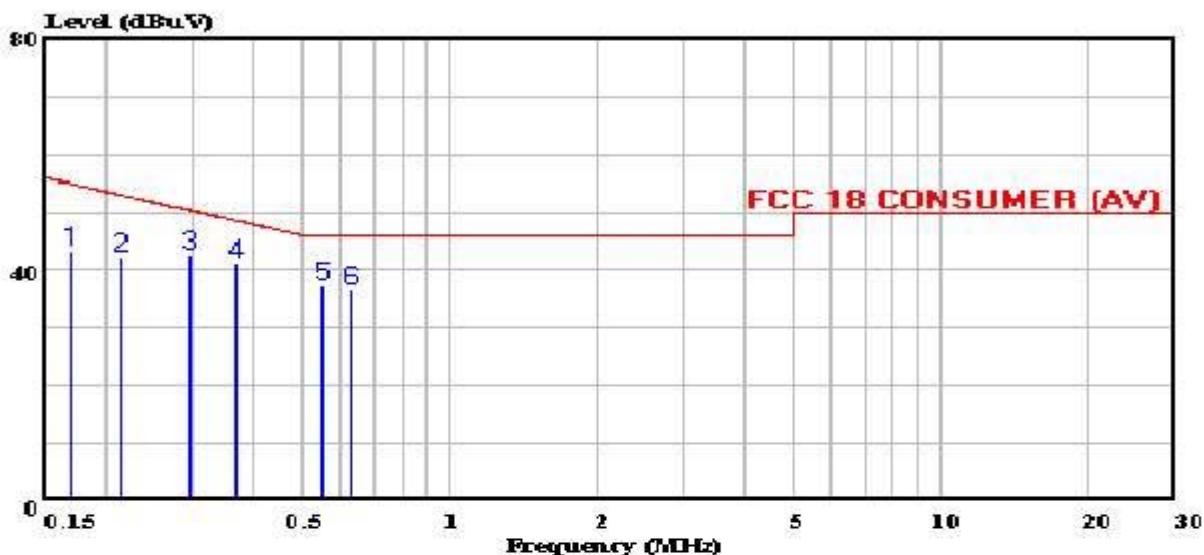
NOTE 2 – At the frequency 0.369MHz[VB (QP)], the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product tested complies with the specification limit.



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Data#: 113 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 19:18:50



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-R20D-9W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23'C 56%RH
 Test line : VB
 Test Mode : on
 Test Engineer:

Salon Gong

Page: 1

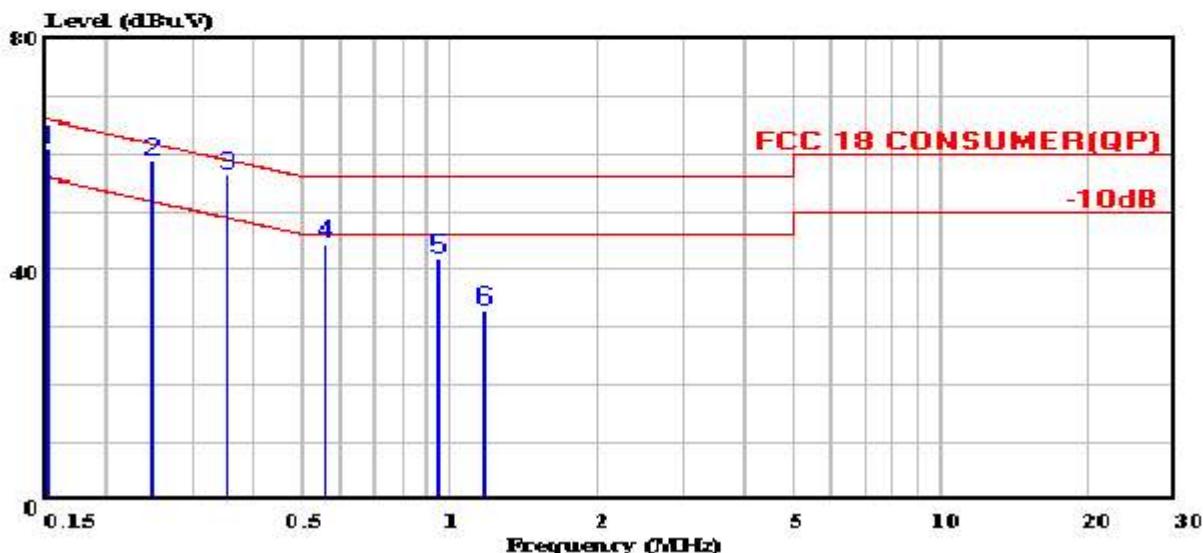
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line					
MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB	
1	0.170	43.00	43.23	54.96	-11.73	0.23	0.03	0.20
2	0.213	42.00	42.20	53.09	-10.89	0.20	0.04	0.16
3	0.296	42.40	42.60	50.35	-7.75	0.20	0.04	0.16
4	0.369	41.00	41.18	48.52	-7.34	0.18	0.04	0.14
5	0.552	37.20	37.35	46.00	-8.65	0.15	0.04	0.11
6	0.634	36.60	36.76	46.00	-9.24	0.16	0.05	0.11



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Data#: 1120 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 16:05:43



Site : Conducted emission
 Condition : FCC 18 CONSUMER(QP) KNW-407 VA
 Project No. : AOE-000368
 Applicant : XIAMEN LONGSTAR LIGHTING CO., LTD
 EUT : - g Lamp
 M/N : FE-R20D-11W
 S/N : E03032316
 Power Supply : 120V/60Hz
 Ambient : 23°C 56%RH
 Test line : ***
 Test Mode : *Soton Gong*
 Test Engineer:

----: 1

Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
	MHz	dBuV	dBuV	dB	dB	dB	dB	
1	0.153	60.90	61.12	65.84	-4.72	0.22	0.03	0.19
2	0.249	58.72	58.92	61.79	-2.87	0.20	0.04	0.16
3	0.352	56.28	56.41	58.92	-2.51	0.13	0.04	0.09
4	0.558	44.27	44.38	56.00	-11.62	0.11	0.04	0.07
5	0.949	41.86	41.96	56.00	-14.04	0.10	0.05	0.05
6	1.170	32.79	32.90	56.00	-23.10	0.11	0.06	0.05

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

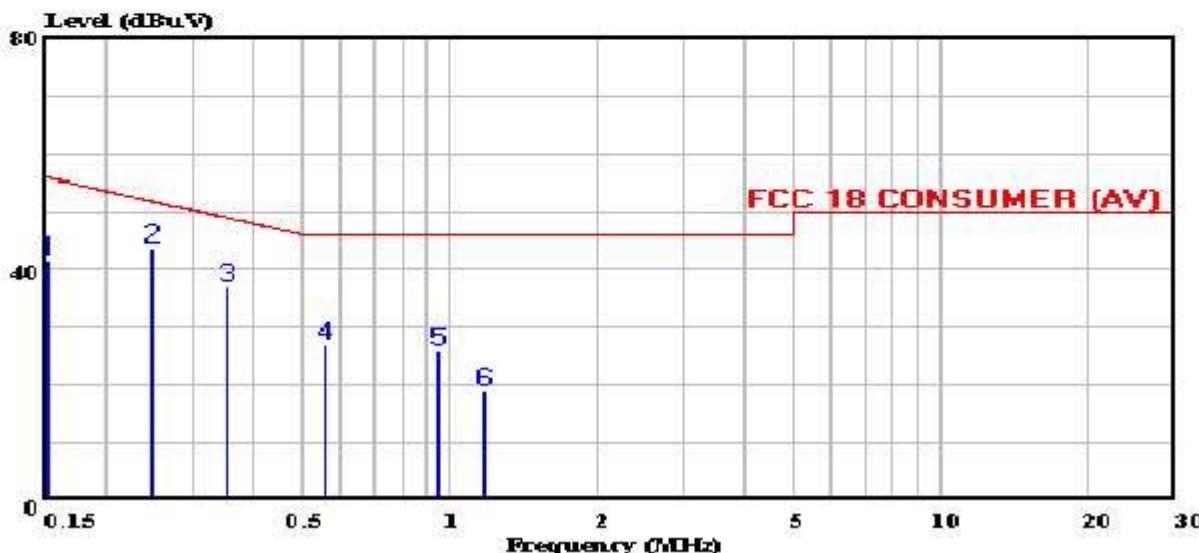
NOTE 2 – At the frequency 0.352MHz[VA (QP)], the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the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



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Data#: 1121 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 16:05:43



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-R20D-11W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23'C 56%RH
 Test line : VA
 Test Mode : ON
 Test Engineer:

Salon Gong

Page: 1

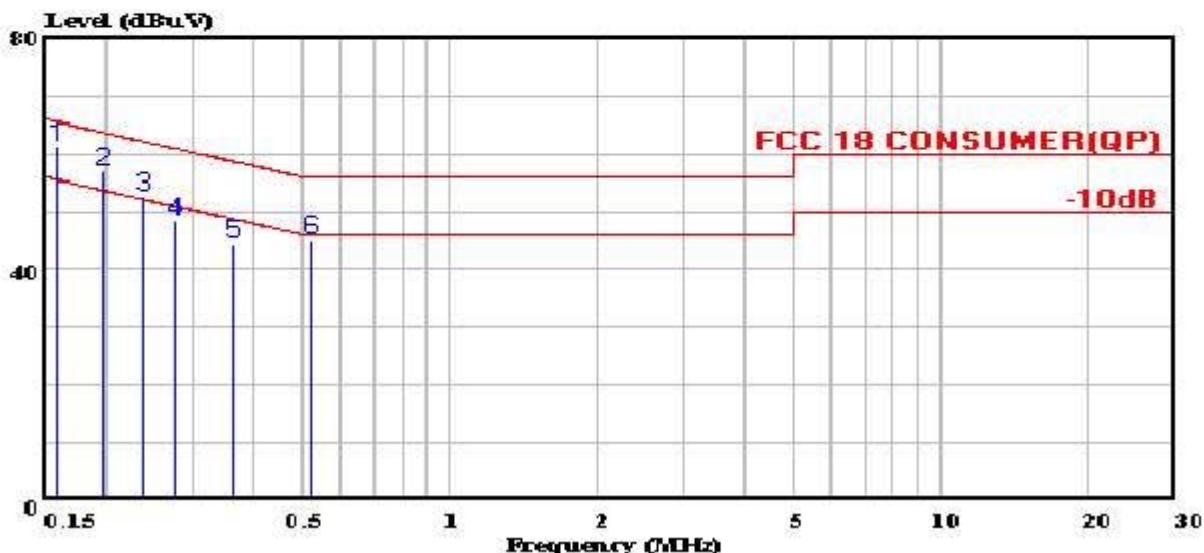
Freq	Read	Limit	Over	Cable	Probe	
	Level	Level	Line			
	MHz	dBuV	dBuV	dBuV	dB	dB
1	0.153	41.42	41.64	55.84	-14.20	0.22
2	0.249	43.68	43.88	51.79	-7.91	0.20
3	0.352	36.65	36.78	48.92	-12.14	0.13
4	0.558	26.96	27.07	46.00	-18.93	0.11
5	0.949	25.70	25.80	46.00	-20.20	0.10
6	1.170	19.08	19.19	46.00	-26.81	0.11



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Data#: 1123 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 16:10:21



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-R20D-11W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23°C 56%RH
 Test line : VB
 Test Mode : ON
 Test Engineer:

Salon Gong

Page: 1

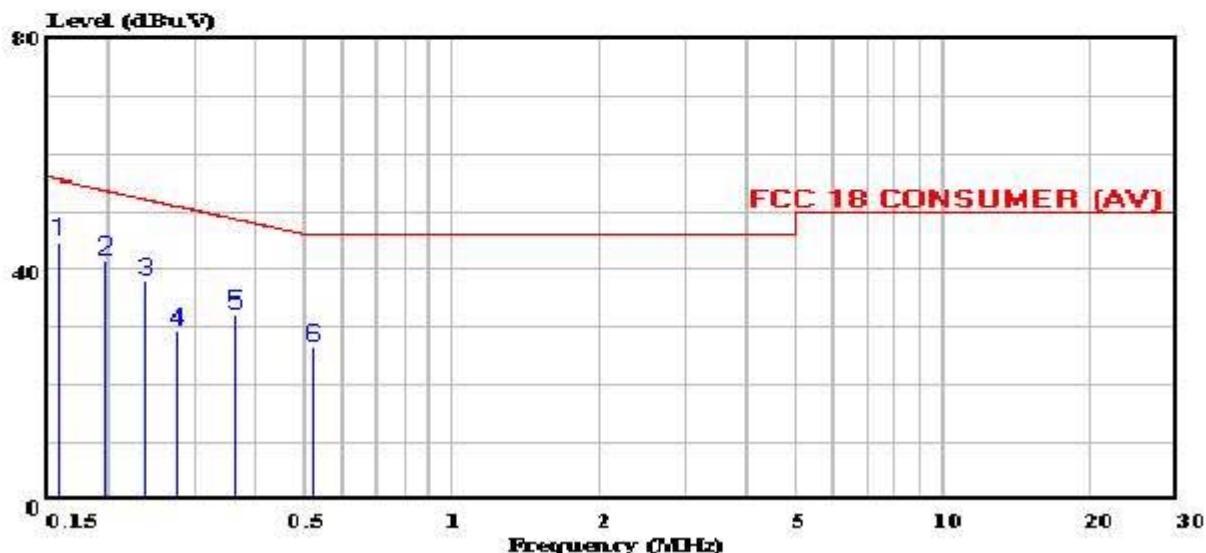
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dBuV	dB
1	0.158	61.06	61.31	65.57	-4.26
2	0.198	56.93	57.13	63.69	-6.56
3	0.238	52.67	52.87	62.17	-9.30
4	0.277	48.35	48.55	60.91	-12.36
5	0.363	44.14	44.32	58.66	-14.34
6	0.520	44.96	45.11	56.00	-10.89



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Data#: 1124 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-05-21 Time: 16:10:21



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-R20D-11W
 S/N :
 Power Supply : 120V/60Hz
 Ambient : 23'C 56%RH
 Test line : VB
 Test Mode : ON
 Test Engineer:

Salon Gong

Page: 1

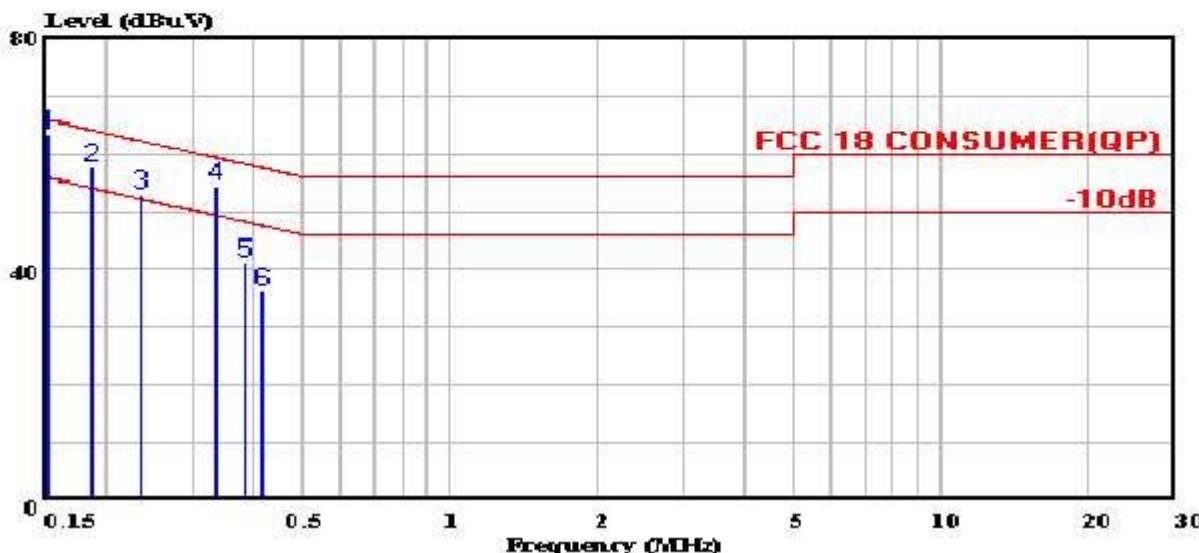
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line					
	MHz	dBuV	dBuV	dB	dB	dB	dB	
1	0.158	44.66	44.91	55.57	-10.66	0.25	0.03	0.22
2	0.198	41.47	41.67	53.69	-12.02	0.20	0.04	0.16
3	0.238	37.70	37.90	52.17	-14.27	0.20	0.04	0.16
4	0.277	29.15	29.35	50.91	-21.56	0.20	0.04	0.16
5	0.363	32.23	32.41	48.66	-16.25	0.18	0.04	0.14
6	0.520	26.23	26.38	46.00	-19.62	0.15	0.04	0.11



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Data#: 57 File#: C:\emivm\TEST\L\longstar.EMI

Date: 2003-03-23 Time: 17:35:20



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-R25D-13W
 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	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dB	dB
1	0.152	63.20	63.42	65.89	-2.47
2	0.186	57.70	57.92	64.21	-6.29
3	0.235	52.90	53.11	62.27	-9.16
4	0.332	54.40	54.54	59.40	-4.86
5	0.381	41.20	41.33	58.26	-16.93
6	0.415	36.00	36.13	57.55	-21.42