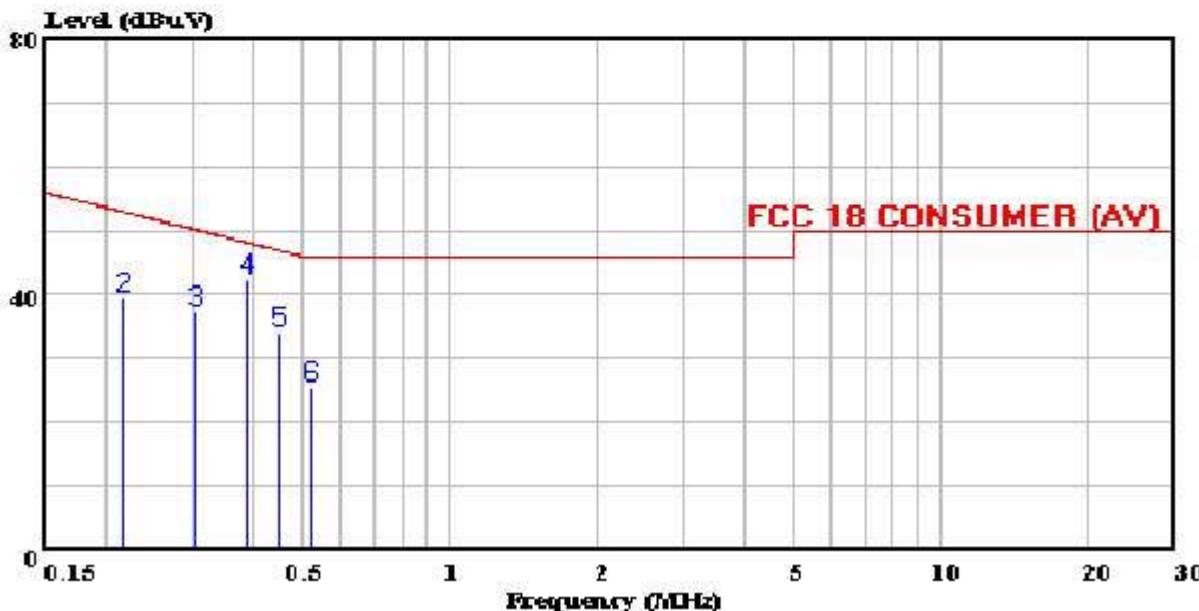




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Data#: 908 File#: C:\emivm\TEST\L\longstar.EMI

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

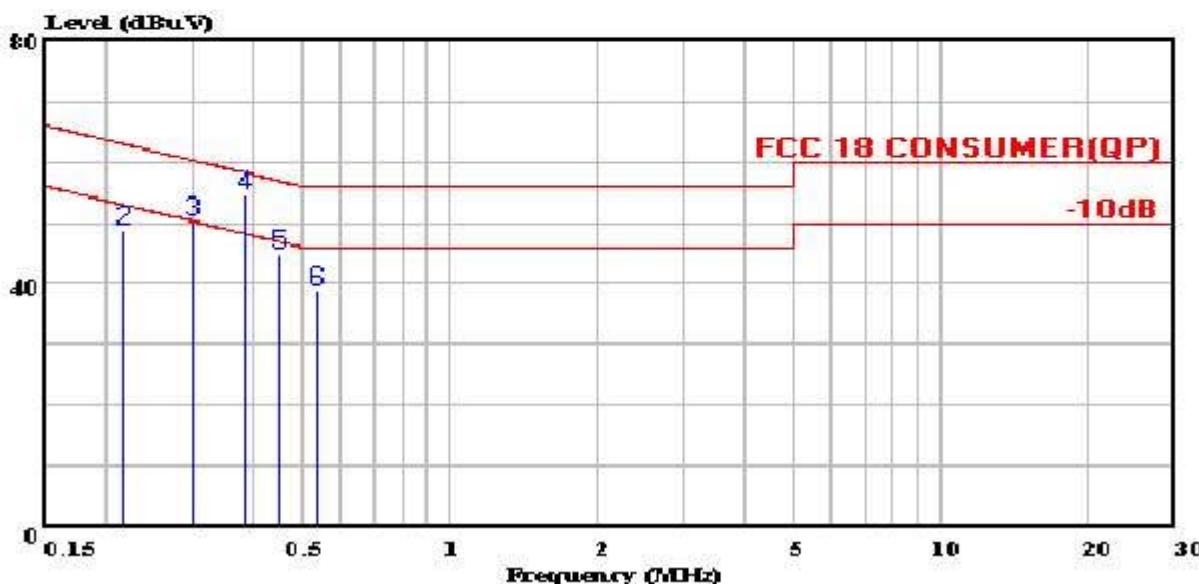
Freq	Read	Limit	Over	Cable		Probe		
	Level	Level	Line	Limit	Factor	Loss	Factor	
MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB	
1	0.151	42.60	42.82	55.94	-13.12	0.22	0.03	0.19
2	0.216	39.30	39.51	52.97	-13.46	0.21	0.04	0.17
3	0.304	37.10	37.24	50.13	-12.89	0.14	0.04	0.10
4	0.389	42.30	42.43	48.09	-5.66	0.13	0.04	0.09
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



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

Selon Gong

Page: 1

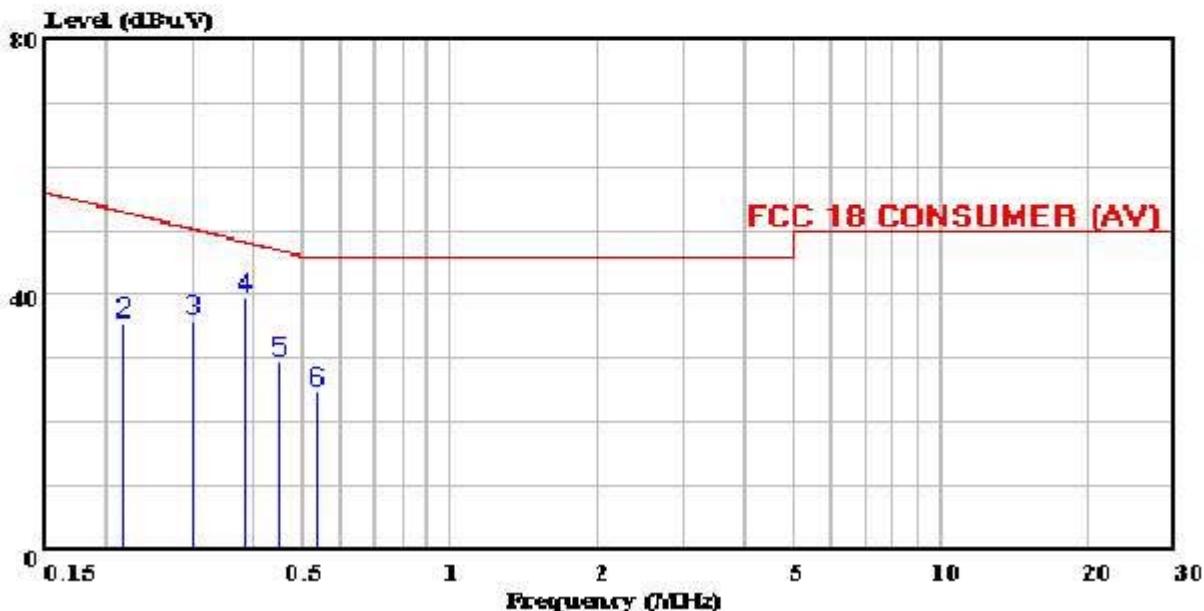
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dB	dB
1	0.150	52.47	52.73	65.99 -13.26	0.26 0.03 0.23
2	0.217	48.71	48.91	62.91 -14.00	0.20 0.04 0.16
3	0.300	49.89	50.09	60.24 -10.15	0.20 0.04 0.16
4	0.384	54.36	54.54	58.20 -3.66	0.18 0.04 0.14
5	0.449	44.72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



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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

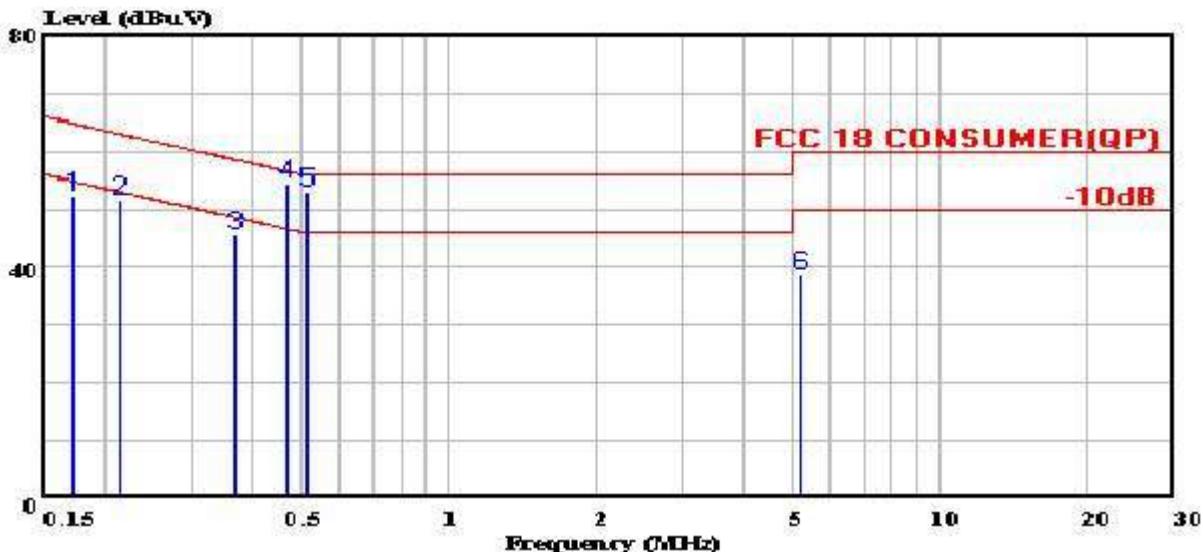
Freq	Read	Limit	Over	Cable		Probe		
	Level	Level	Line	Limit	Factor	Loss	Factor	
MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB	
1	0.150	41.50	41.76	55.99	-14.23	0.26	0.03	0.23
2	0.217	35.30	35.50	52.93	-17.43	0.20	0.04	0.16
3	0.300	35.60	35.80	50.24	-14.44	0.20	0.04	0.16
4	0.384	39.40	39.58	48.19	-8.61	0.18	0.04	0.14
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



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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 : *Solon Gong*
Test Engineer:

Page: 1

Freq	Read		Limit Line	Over Limit	Cable		Probe Loss Factor	
	Level	Level			dB	dB		
	MHz	dBuV	dBuV	dBuV	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(μ V) (limit is 56.50 dB(μ V)), when the VA of the EUT is connected to LISN.

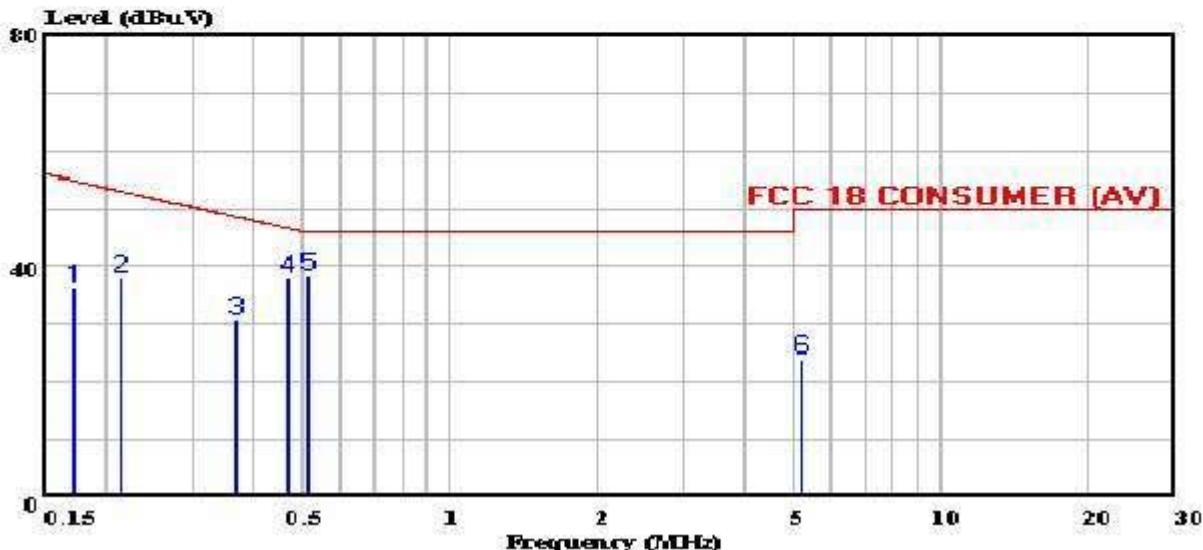
NOTE 2 – At the frequency 0.471 MHz the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product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



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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) KNW-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:

Salon Gong

Page: 1

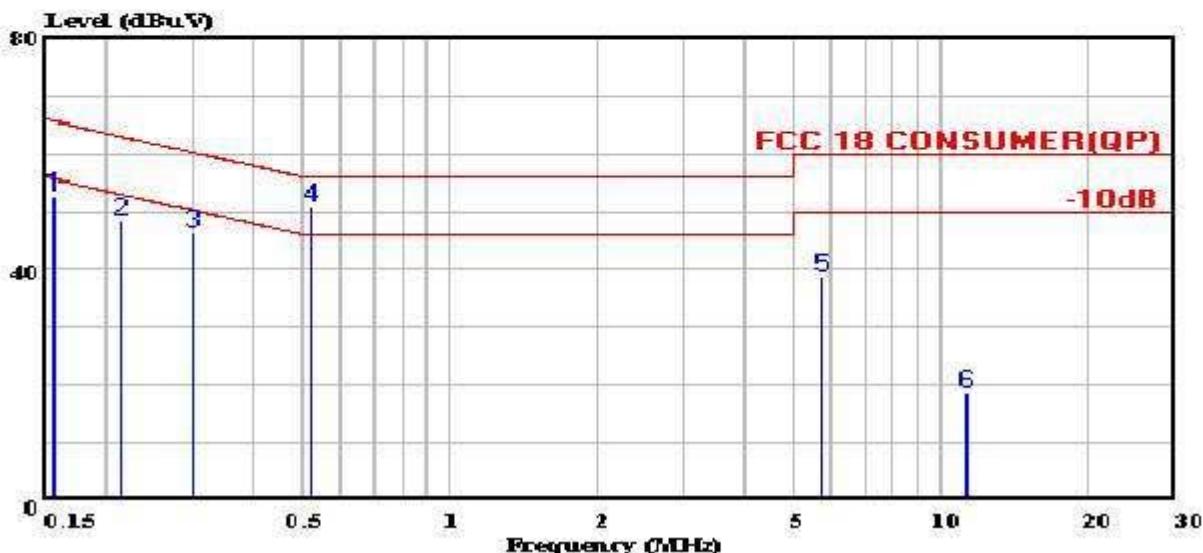
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line		
MHz	dBuV	dBuV	dBuV	dB	dB
1	0.172	35.96	36.18	54.86	-18.68
2	0.213	37.96	38.17	53.11	-14.94
3	0.367	30.89	31.02	48.57	-17.55
4	0.471	38.08	38.20	46.50	-8.30
5	0.512	38.35	38.47	46.00	-7.53
6	5.202	23.94	24.16	50.00	-25.84



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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:

Salon Gong

Page: 1

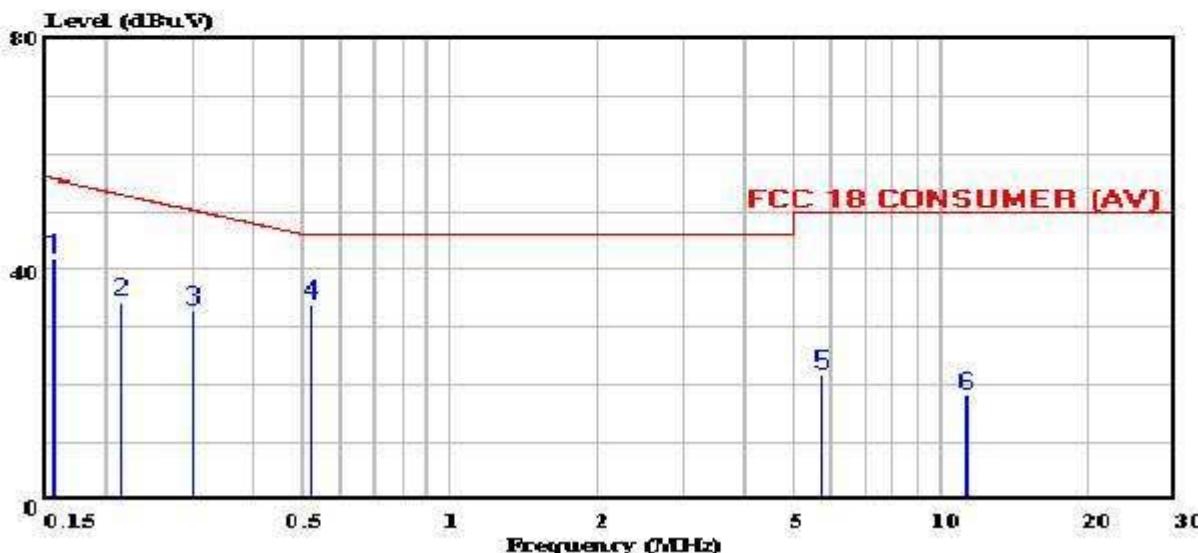
	Freq	Read Level	Limit Level	Over Line	Over Factor	Cable dB	Probe dB
	MHz	dBuV	dBuV	dBuV	dB	dB	dB
1	0.156	52.57	52.82	65.70	-12.88	0.25	0.03
2	0.213	48.09	48.29	63.10	-14.81	0.20	0.04
3	0.300	46.23	46.43	60.25	-13.82	0.20	0.04
4	0.520	50.86	51.01	56.00	-4.99	0.15	0.04
5	5.743	38.41	38.66	60.00	-21.34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



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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) 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

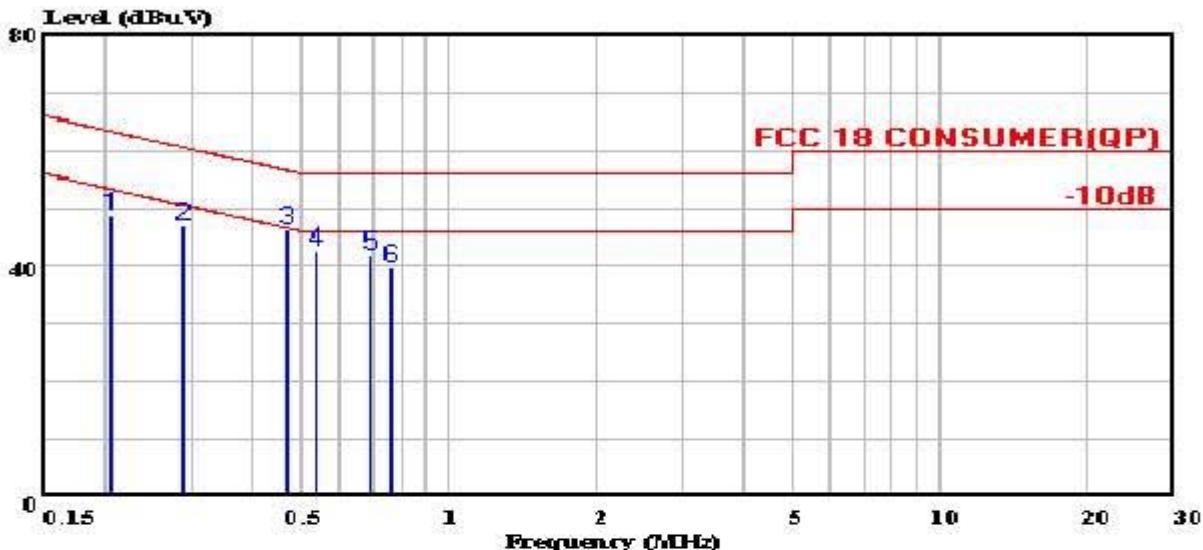
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dBuV	dB
1	0.156	41.88	42.13	55.70	-13.57
2	0.213	34.24	34.44	53.10	-18.66
3	0.300	32.83	33.03	50.25	-17.22
4	0.520	33.84	33.99	46.00	-12.01
5	5.743	21.76	22.01	50.00	-27.99
6	11.320	18.00	18.38	50.00	-31.62



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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:

Salon Gong

Page: 1

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

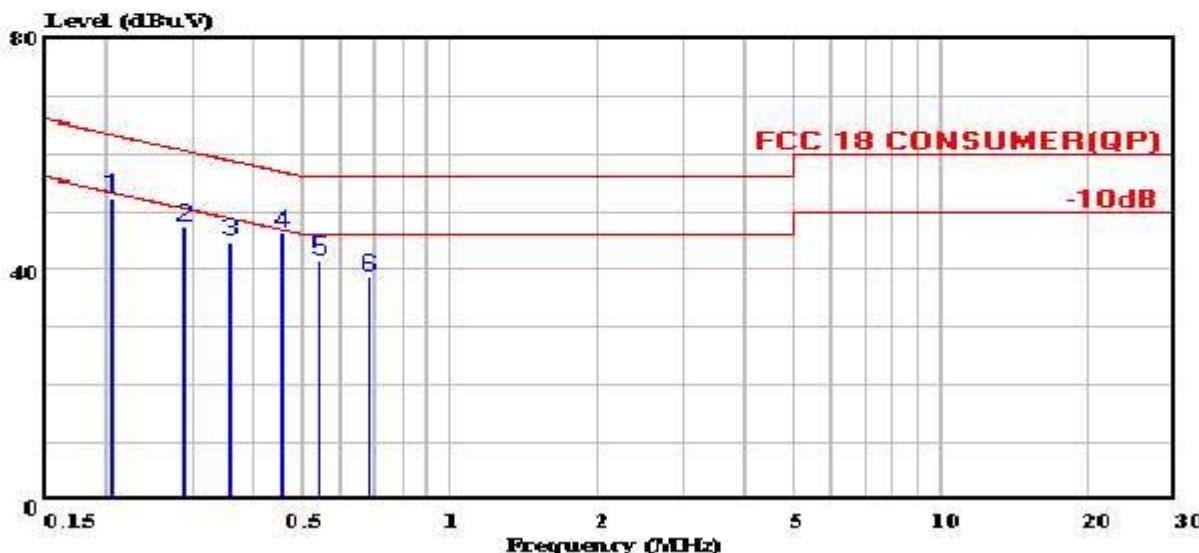
NOTE – The worst emission is detected at 0.469 MHz with corrected signal level of 46.40dB(μV) (limit is 56.54 dB(μV)), when the VA of the EUT is connected to LISN.



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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

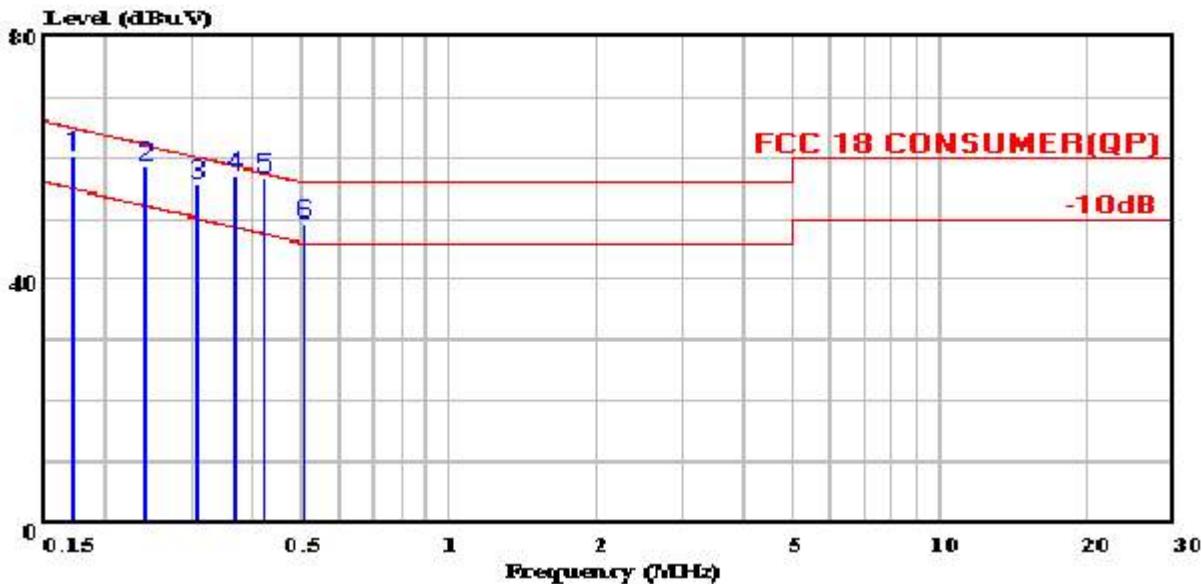
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line		
MHz	dBuV	dBuV	dBuV	dB	dB
1	0.206	52.21	52.41	63.36	-10.95
2	0.288	47.15	47.35	60.59	-13.24
3	0.358	44.62	44.80	58.78	-13.98
4	0.455	46.12	46.28	56.78	-10.50
5	0.541	41.54	41.69	56.00	-14.31
6	0.686	38.42	38.58	56.00	-17.42



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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 : *Salon Gong*
 Test Engineer: *Salon Gong*

Freq	Read	Limit	Over	Cable	Probe			
	Level							
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB
1 !	0.172	59.91	60.13	64.86	-4.73	0.22	0.03	0.19
2 !	0.241	58.20	58.40	62.05	-3.65	0.20	0.04	0.16
3 !	0.306	55.49	55.63	60.07	-4.44	0.14	0.04	0.10
4 !	0.367	56.95	57.08	58.57	-1.49	0.13	0.04	0.09
5 !	0.422	56.67	56.80	57.40	-0.60	0.13	0.04	0.09
6 !	0.509	49.11	49.23	56.00	-6.77	0.12	0.04	0.08

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

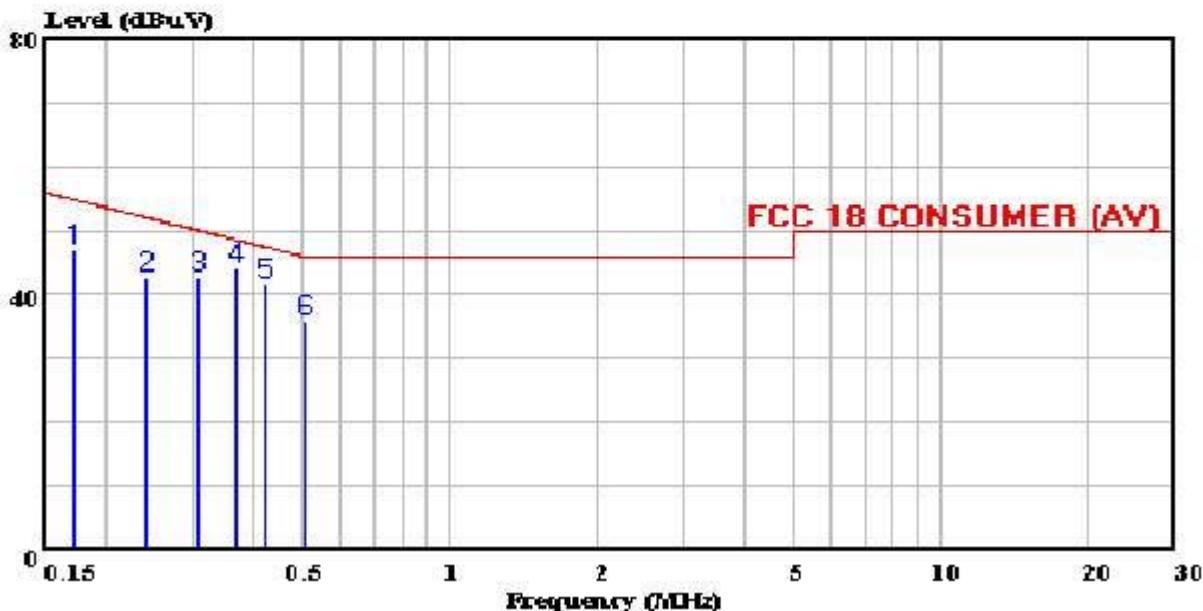
NOTE 2 – At the frequency 0.422MHz and 0.367 MHz the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that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



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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

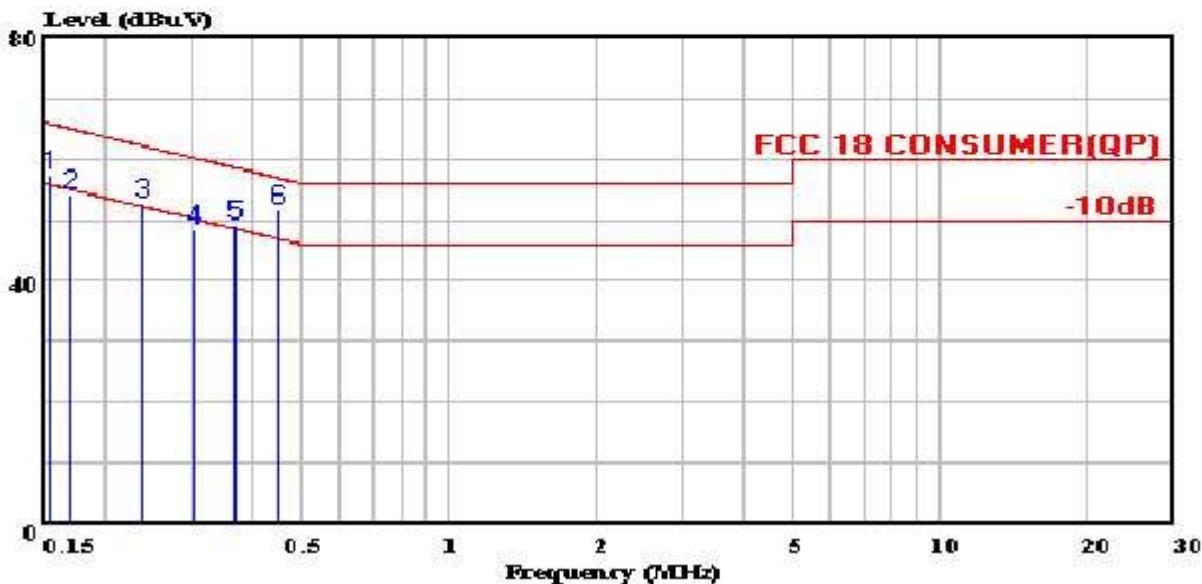
Freq	Read	Limit	Over	Cable	Probe			
	MHz	dBuV	dBuV	Line	Limit Factor	Cable Loss Factor		
1	0.172	46.68	46.90	54.86	-7.96	0.22	0.03	0.19
2	0.241	42.38	42.58	52.05	-9.47	0.20	0.04	0.16
3	0.306	42.57	42.71	50.07	-7.36	0.14	0.04	0.10
4	0.367	44.08	44.21	48.57	-4.36	0.13	0.04	0.09
5	0.422	41.55	41.68	47.40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



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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:

Salon Gou

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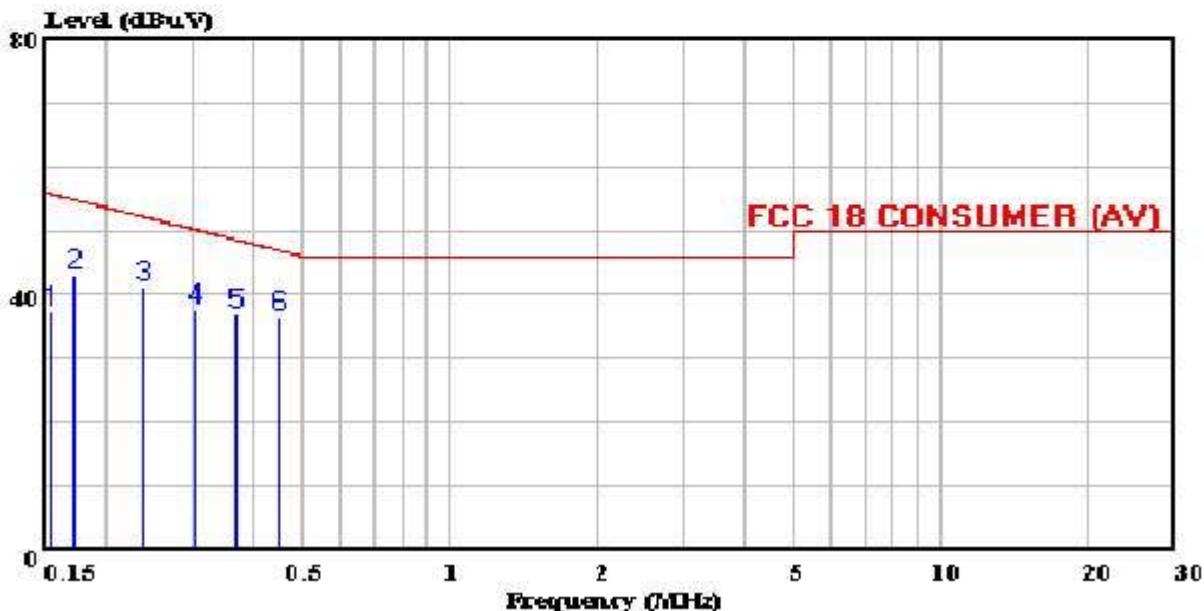
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
MHz	dBuV	dBuV	dBuV	dB	dB			
1 !	0.154	57.20	57.45	65.76	-8.31	0.25	0.03	0.22
2	0.168	53.85	54.08	65.04	-10.96	0.23	0.03	0.20
3 !	0.238	52.45	52.65	62.18	-9.53	0.20	0.04	0.16
4	0.303	48.37	48.57	60.15	-11.58	0.20	0.04	0.16
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



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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

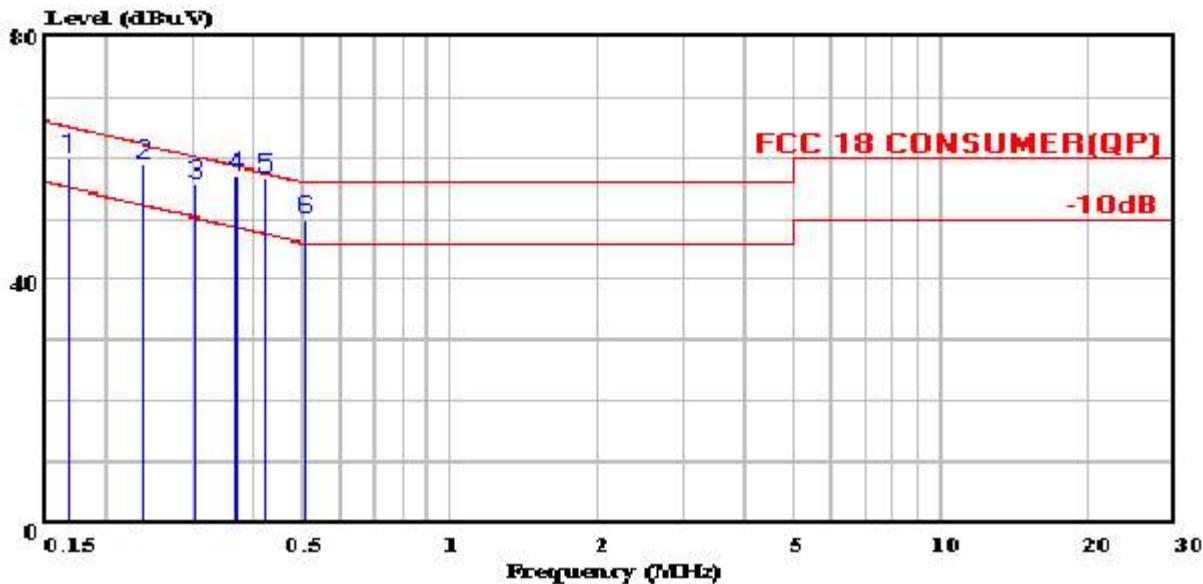
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line			Loss Factor		
MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB	
1	0.154	37.20	37.45	55.76	-18.31	0.25	0.03	0.22
2	0.171	42.66	42.89	54.91	-12.02	0.23	0.03	0.20
3	0.238	41.19	41.39	52.18	-10.79	0.20	0.04	0.16
4	0.303	37.57	37.77	50.15	-12.38	0.20	0.04	0.16
5	0.369	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



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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*

Freq	Read	Limit	Over	Cable	Probe			
	Level							
	MHz	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(μ V) (limit is 57.47 dB(μ V)), when the VA of the EUT is connected to LISN.

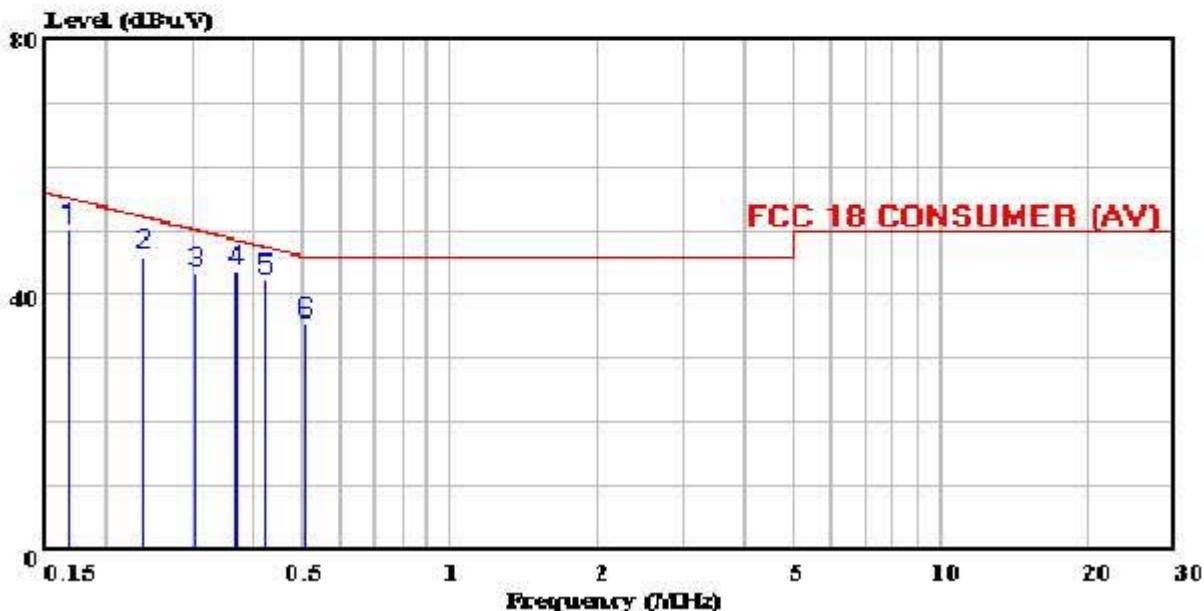
NOTE 2 – At the frequency 0.368MHz and 0.419 MHz the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that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



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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

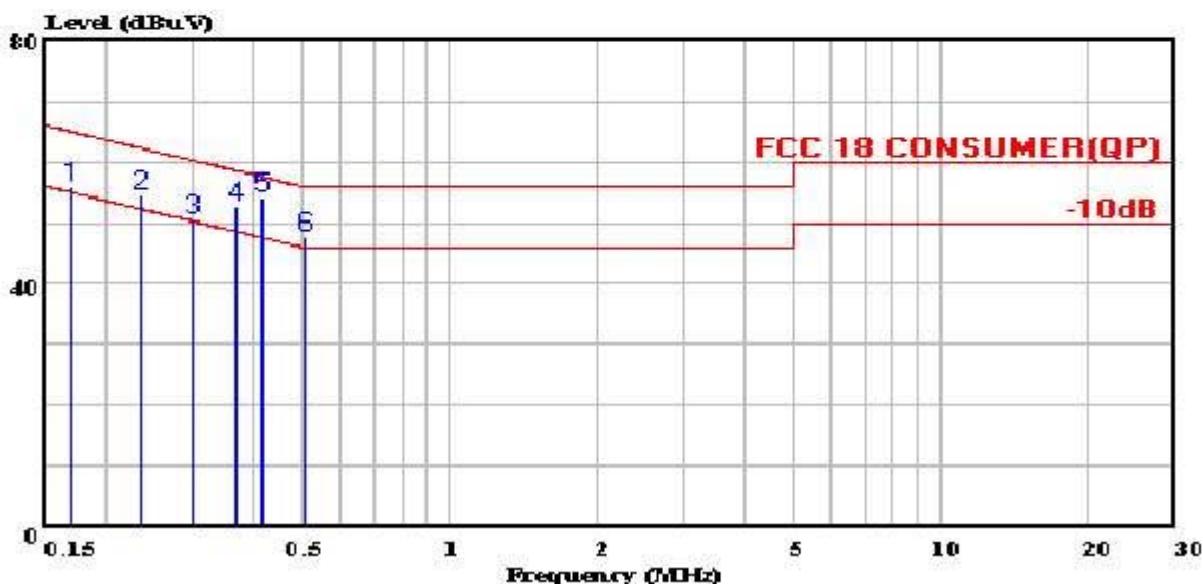
Freq	Read	Limit	Over	Cable	Probe			
	MHz	dBuV	dBuV	Line	Limit Factor	Cable Loss Factor		
1	0.167	50.11	50.33	55.10	-4.77	0.22	0.03	0.19
2	0.238	46.07	46.27	52.18	-5.91	0.20	0.04	0.16
3	0.304	43.34	43.48	50.14	-6.66	0.14	0.04	0.10
4	0.368	43.75	43.88	48.56	-4.68	0.13	0.04	0.09
5	0.419	42.14	42.27	47.47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



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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:

Salon Gong

Page: 1

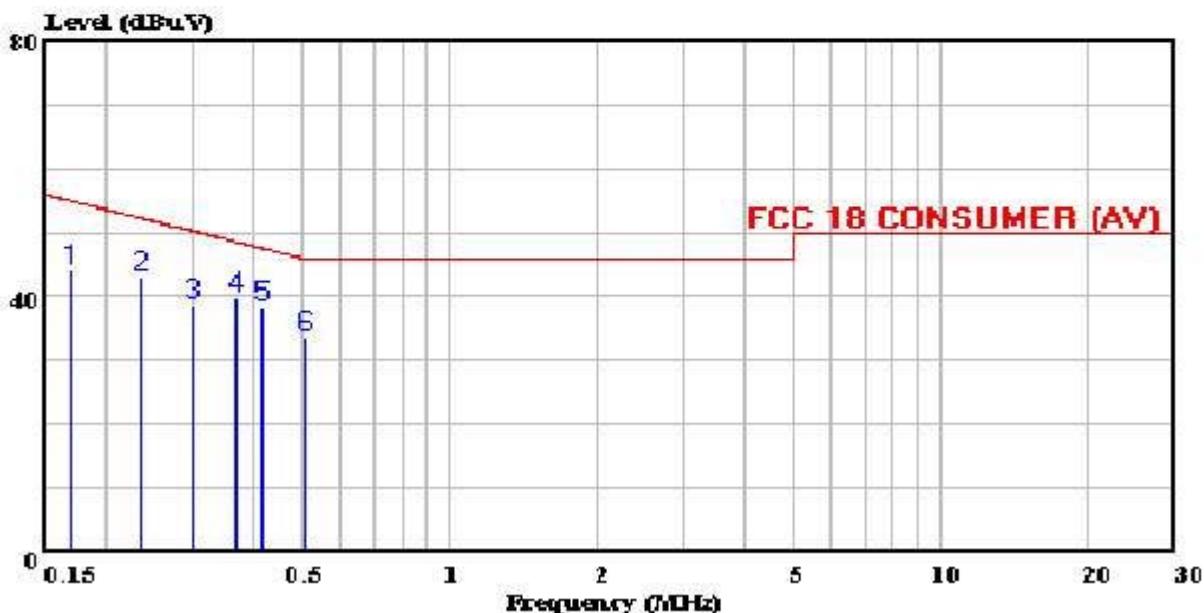
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
	MHz	dBuV	dBuV	dB	dB			
1 !	0.169	55.61	55.84	64.99	-9.15	0.23	0.03	0.20
2 !	0.236	54.22	54.42	62.23	-7.81	0.20	0.04	0.16
3 !	0.301	50.23	50.43	60.21	-9.78	0.20	0.04	0.16
4 !	0.369	52.69	52.87	58.53	-5.66	0.18	0.04	0.14
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



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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

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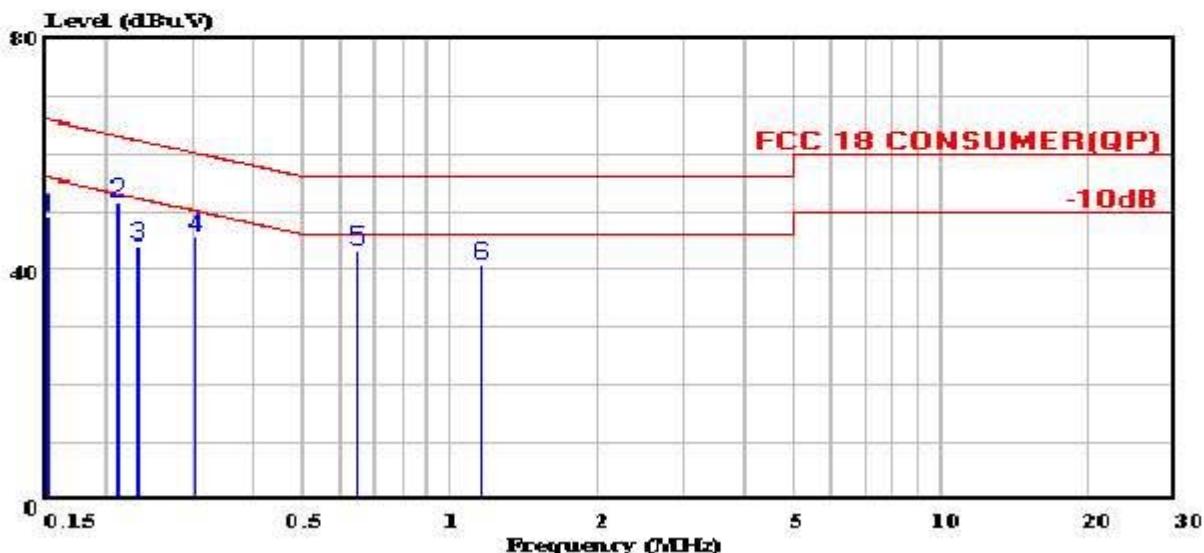
Freq	Read	Limit	Over	Cable		Probe		
	Level	Level	Line	Limit	Factor	Loss	Factor	
MHz	dBuV	dBuV	dBuV	dB	dB	dB	dB	
1	0.169	44.03	44.26	54.99	-10.73	0.23	0.03	0.20
2	0.236	42.83	43.03	52.23	-9.20	0.20	0.04	0.16
3	0.301	38.62	38.82	50.21	-11.39	0.20	0.04	0.16
4	0.369	39.82	40.00	48.53	-8.53	0.18	0.04	0.14
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



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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:

Salon Gong

Page: 1

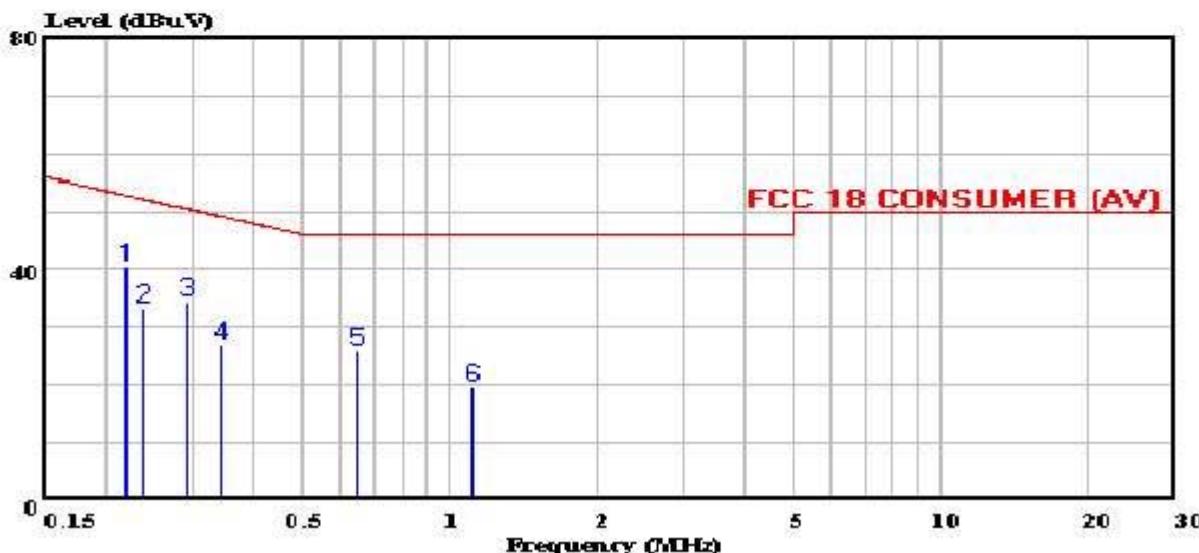
Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	dBuV	dB
1	0.152	48.88	49.10	65.87	-16.77
2	0.211	51.31	51.52	63.15	-11.63
3	0.233	43.80	44.01	62.35	-18.34
4	0.302	45.38	45.52	60.19	-14.67
5	0.644	43.28	43.39	56.00	-12.61
6	1.160	40.90	41.01	56.00	-14.99



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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) 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

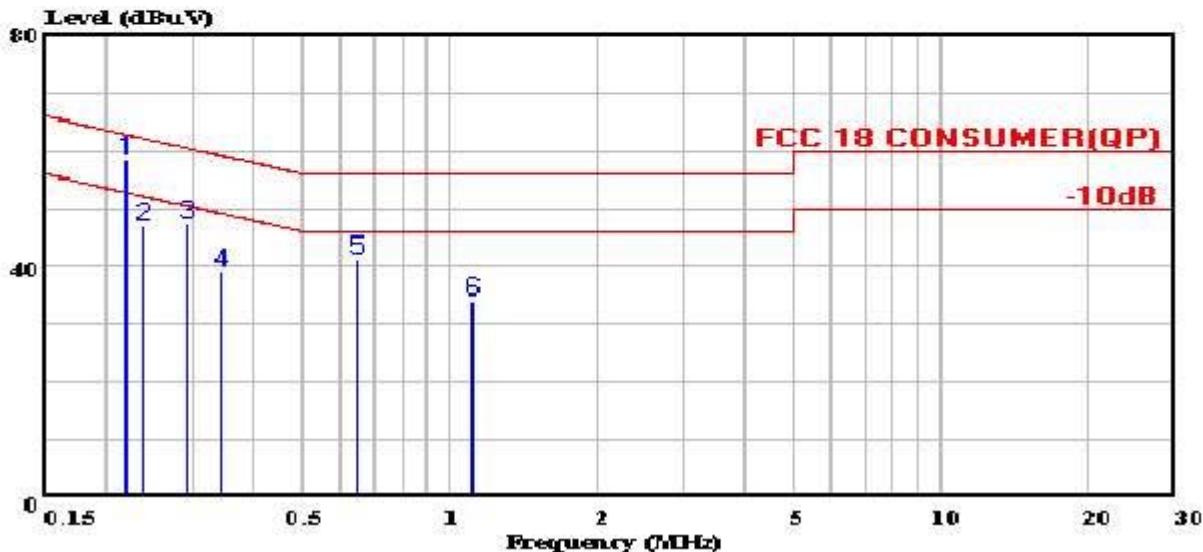
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
MHz	dBuV	dBuV	dBuV	dB	dB			
1	0.218	40.16	40.36	52.89	-12.53	0.20	0.04	0.16
2	0.239	33.15	33.35	52.13	-18.78	0.20	0.04	0.16
3	0.293	34.25	34.45	50.44	-15.99	0.20	0.04	0.16
4	0.344	26.61	26.80	49.12	-22.32	0.19	0.04	0.15
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



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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:

Salon Gong

Page: 1

Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
1	0.218	58.26	58.46	62.89	-4.43	0.20	0.04	0.16
2	0.239	46.71	46.91	62.13	-15.22	0.20	0.04	0.16
3	0.293	47.03	47.23	60.44	-13.21	0.20	0.04	0.16
4	0.344	39.05	39.24	59.12	-19.88	0.19	0.04	0.15
5	0.648	41.16	41.32	56.00	-14.68	0.16	0.05	0.11
6	1.118	33.89	34.06	56.00	-21.94	0.17	0.06	0.11

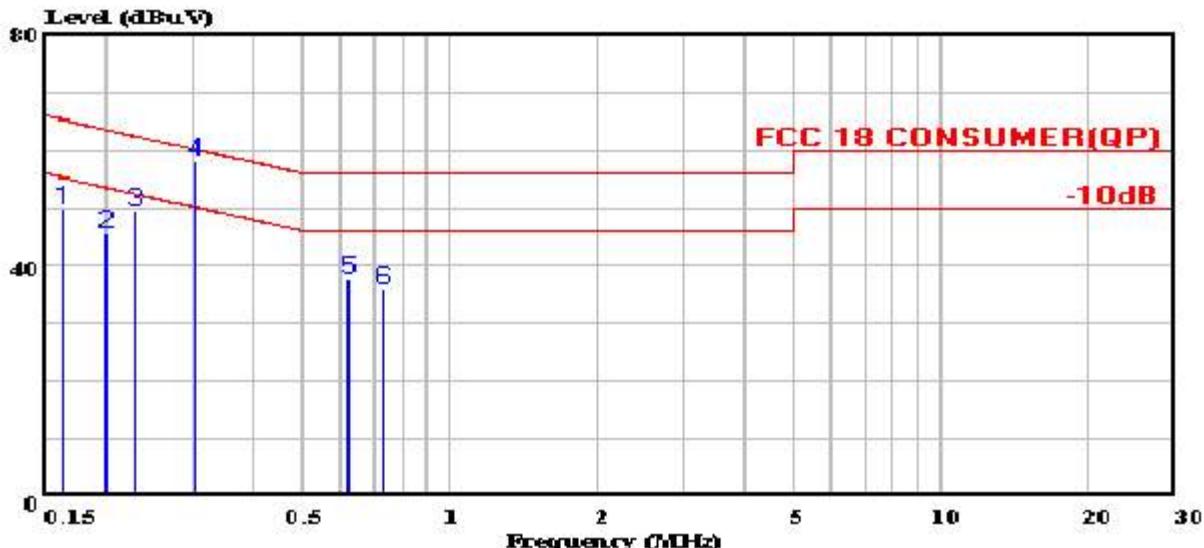
NOTE – The worst emission is detected at 0.218 MHz with corrected signal level of 58.46dB(μ V) (limit is 62.89 dB(μ V)), when the VB of the EUT is connected to LISN.



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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 : E00000100
 Power Supply : 120V/50Hz
 Ambient : 23°C 56%RH
 Test line : ~~VA~~
 Test Mode : *Salon Gong*
 Test Engineer:

Page: 1

Freq	Read	Limit	Over	Cable	Probe
	Level	Level	Line	Limit Factor	Loss Factor
	MHz	dBuV	dBuV	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(μ V) (limit is 60.14 dB(μ V)), when the VA of the EUT is connected to LISN.

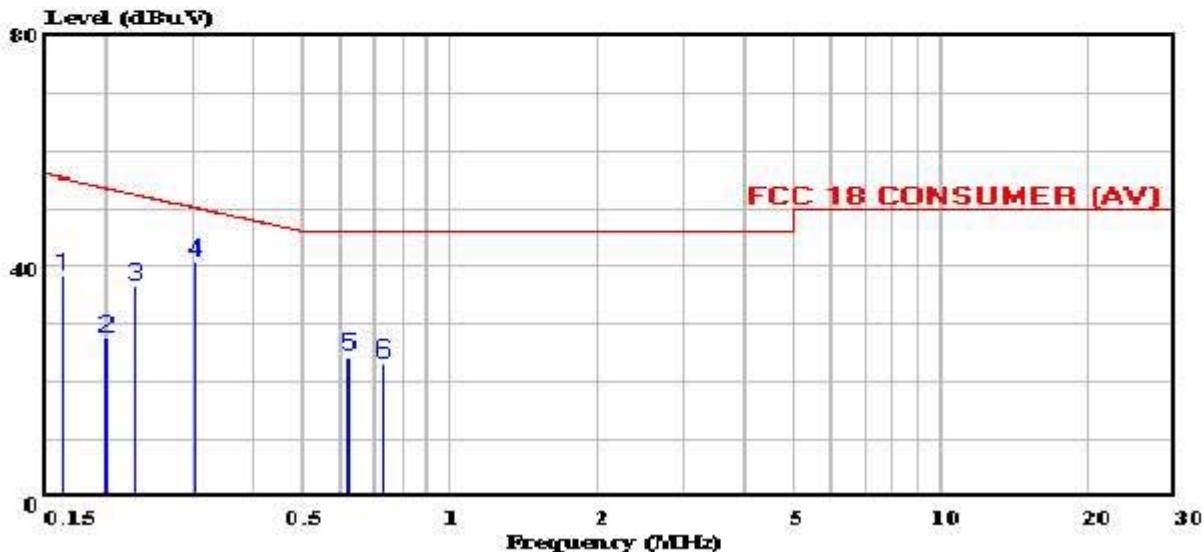
NOTE 2 – At the frequency 0.304MHz, the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher probability that the product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



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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:

Salon Gong

Page: 1

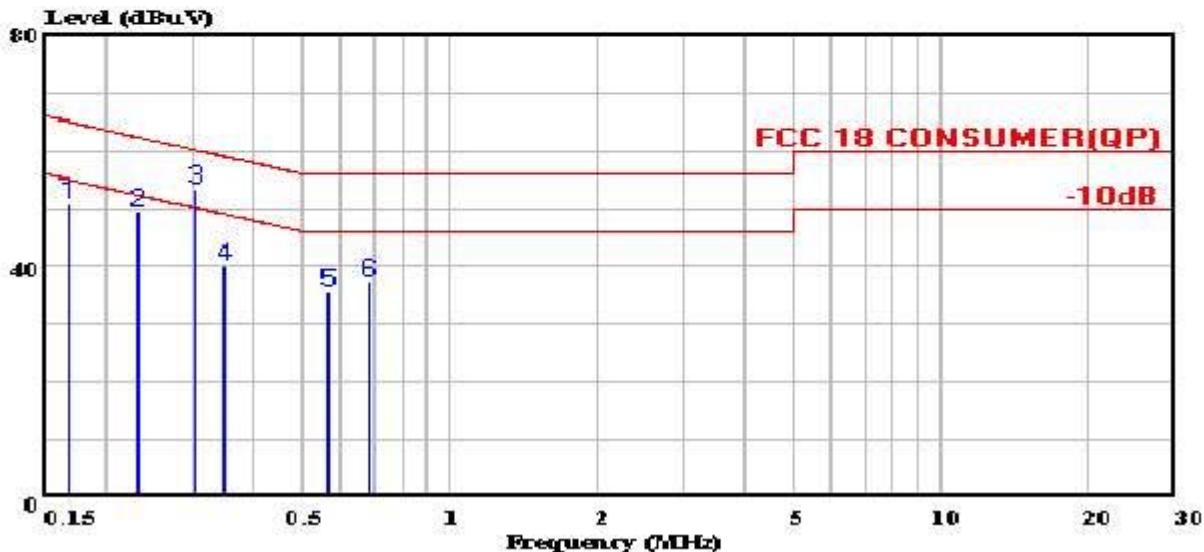
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line					
	MHz	dBuV	dBuV	dB	dB	dB	dB	
1	0.164	38.07	38.29	55.27	-16.98	0.22	0.03	0.19
2	0.200	27.58	27.80	53.62	-25.82	0.22	0.04	0.18
3	0.229	36.45	36.66	52.49	-15.83	0.21	0.04	0.17
4	0.304	40.89	41.03	50.14	-9.11	0.14	0.04	0.10
5	0.620	24.28	24.39	46.00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



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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

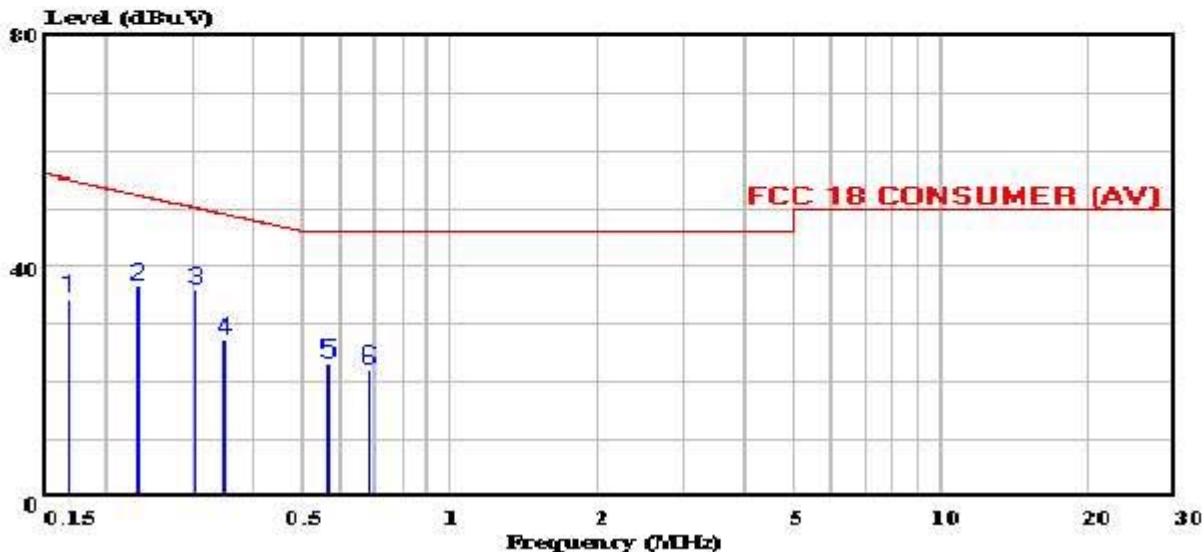
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line					
1	0.167	50.67	50.90	65.11	-14.21	0.23	0.03	0.20
2	0.230	49.39	49.59	62.44	-12.85	0.20	0.04	0.16
3	0.301	53.11	53.31	60.20	-6.89	0.20	0.04	0.16
4	0.347	39.97	40.16	59.04	-18.88	0.19	0.04	0.15
5	0.567	35.47	35.62	56.00	-20.38	0.15	0.04	0.11
6	0.687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



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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) 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

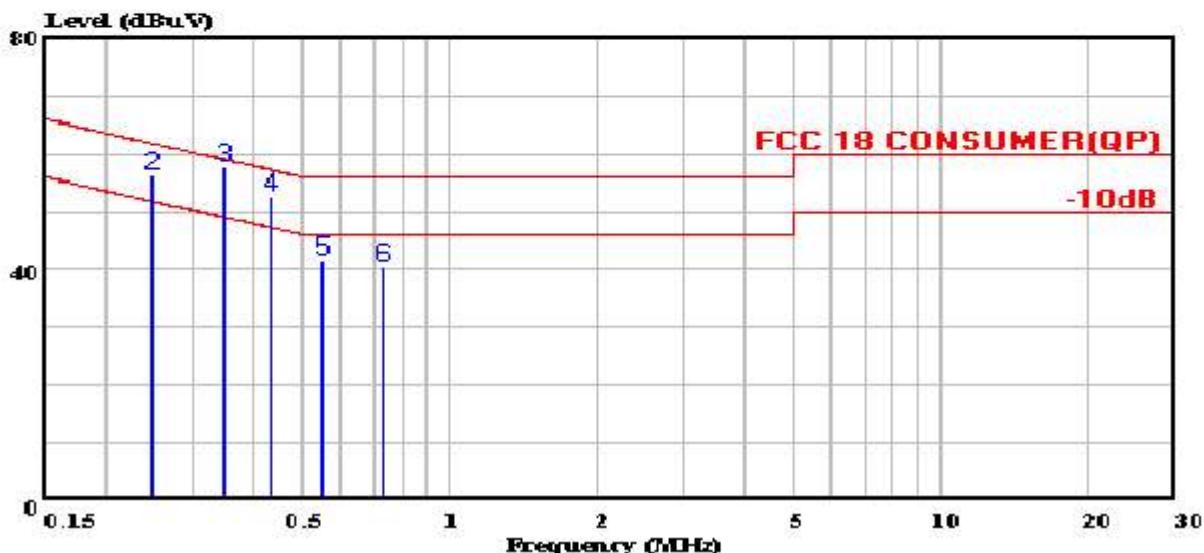
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
1	0.167	34.16	34.39	55.11	-20.72	0.23	0.03	0.20
2	0.230	36.28	36.48	52.44	-15.96	0.20	0.04	0.16
3	0.301	35.55	35.75	50.20	-14.45	0.20	0.04	0.16
4	0.347	27.20	27.39	49.04	-21.65	0.19	0.04	0.15
5	0.567	23.03	23.18	46.00	-22.82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



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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) KNW-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 : *Solomon Gong*
 Test Engineer:

----: 1

Freq	Read	Limit	Over	Cable		Probe		
	Level			Line	Factor			
	MHz	dBuV	dBuV	dBuV	dB	Loss	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(μ V) (limit is 59.01 dB(μ V)), when the VA of the EUT is connected to LISN.

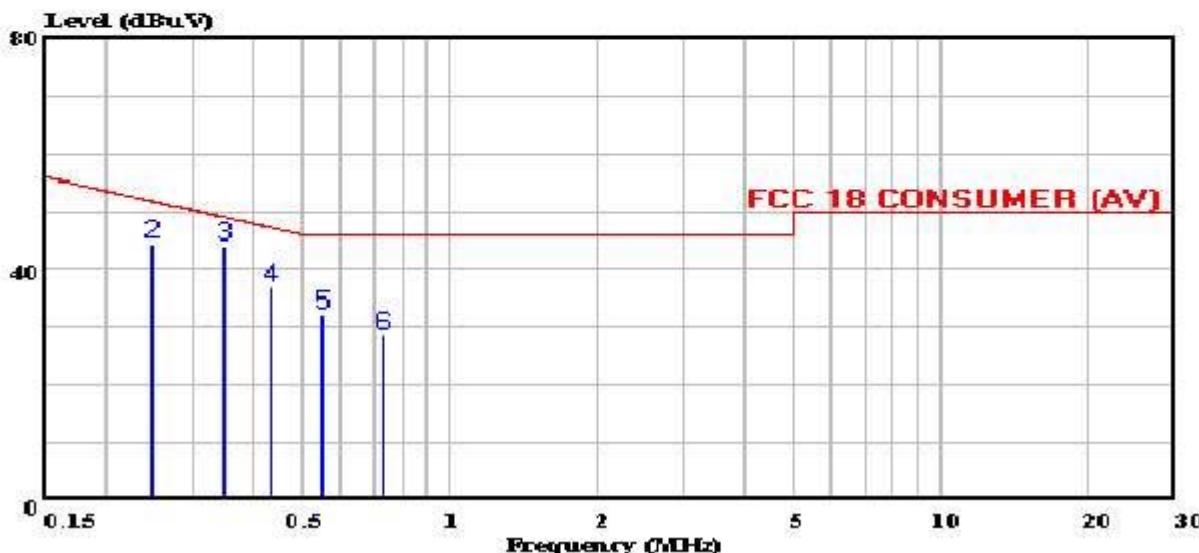
NOTE 2 – At the frequency 0.348MHz[VA (QP)], 0.347MHz[VB (QP)] the measured result is below the specification limit by a margin less than the measurement uncertainty, it is not therefore possible to determine compliance at a level of confidence of 95%. However, the measured result indicates a higher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



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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) KNW-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

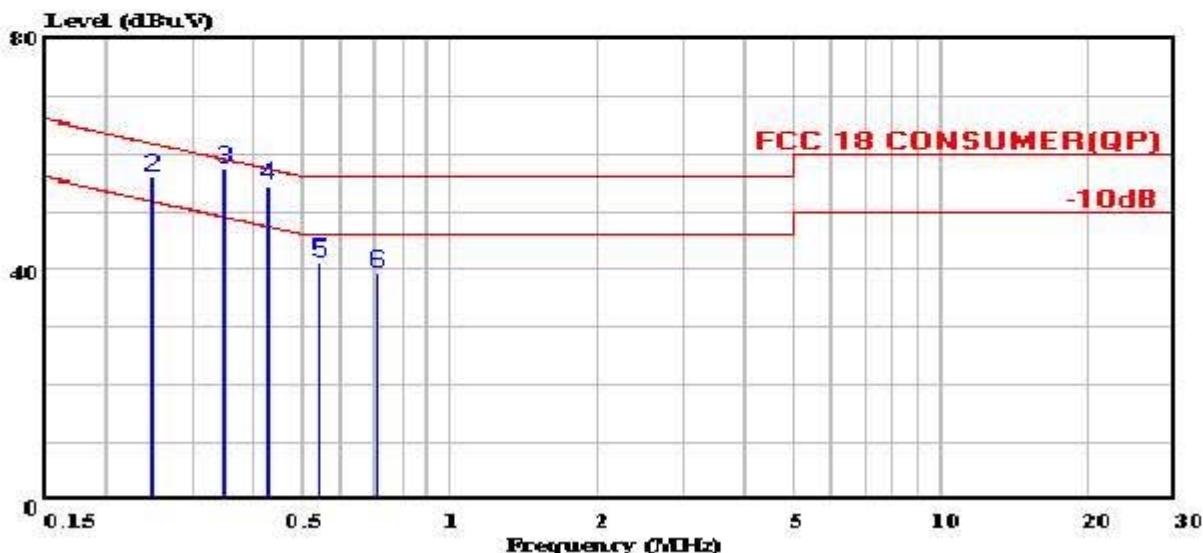
Freq	Read	Limit	Over	Cable	Probe			
	Level	Level	Line	Limit Factor	Loss Factor			
	MHz	dBuV	dBuV	dBuV	dB	dB	dB	
1	0.150	42.30	42.52	56.00	-13.48	0.22	0.03	0.19
2	0.249	44.40	44.60	51.79	-7.19	0.20	0.04	0.16
3	0.348	43.90	44.03	49.01	-4.98	0.13	0.04	0.09
4	0.429	36.70	36.83	47.27	-10.44	0.13	0.04	0.09
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



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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	Limit	Over	Cable	Probe	
	Level	Level	Line	Limit Factor	Loss Factor	
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