Test Mode:	3DH5	Test Site:	AC1
Test channel:	00	Test Engineer:	Andy Zhu
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	4215.00	37.32	4.86	42.18	72.3	-30.12	Peak	Horizontal
*	4458.00	37.16	5.54	42.70	72.3	-29.60	Peak	Horizontal
	4808.00	41.82	6.37	48.19	74.0	-25.81	Peak	Horizontal
	7265.00	35.38	13.90	49.28	74.0	-24.72	Peak	Horizontal
*	4269.00	37.50	5.07	42.57	72.3	-29.73	Peak	Vertical
*	4316.00	37.11	5.33	42.44	72.3	-29.86	Peak	Vertical
	4799.50	40.23	6.34	46.57	74.0	-27.43	Peak	Vertical
	7369.00	35.22	14.05	49.27	74.0	-24.73	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (92.3dBμV/m).

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	3DH5	Test Site:	AC1
Test channel:	39	Test Engineer:	Andy Zhu
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	4326.00	38.37	5.34	43.71	72.1	-28.39	Peak	Horizontal
*	4418.00	38.59	5.51	44.10	72.1	-28.00	Peak	Horizontal
	4884.50	43.60	6.65	50.25	74.0	-23.75	Peak	Horizontal
	7626.00	34.76	14.56	49.32	74.0	-24.68	Peak	Horizontal
*	4218.00	36.83	4.87	41.70	72.1	-30.40	Peak	Vertical
*	4416.00	37.75	5.51	43.26	72.1	-28.84	Peak	Vertical
	4884.50	41.54	6.65	48.19	74.0	-25.81	Peak	Vertical
	7448.00	35.73	14.17	49.90	74.0	-24.10	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (92.1dBμV/m).

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	3DH5	Test Site:	AC1
Test channel:	78	Test Engineer:	Andy Zhu
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	4148.00	38.26	4.62	42.88	69.2	-26.32	Peak	Horizontal
*	4326.00	37.59	5.34	42.93	69.2	-26.27	Peak	Horizontal
	4961.00	41.74	6.79	48.53	74.0	-25.47	Peak	Horizontal
	7369.00	35.19	14.05	49.24	74.0	-24.76	Peak	Horizontal
*	4218.00	37.56	4.87	42.43	69.2	-26.77	Peak	Vertical
*	4818.00	38.10	6.39	44.49	69.2	-24.71	Peak	Vertical
	4961.00	41.33	6.79	48.12	74.0	-25.88	Peak	Vertical
	7326.00	36.76	14.02	50.78	74.0	-23.22	Peak	Vertical

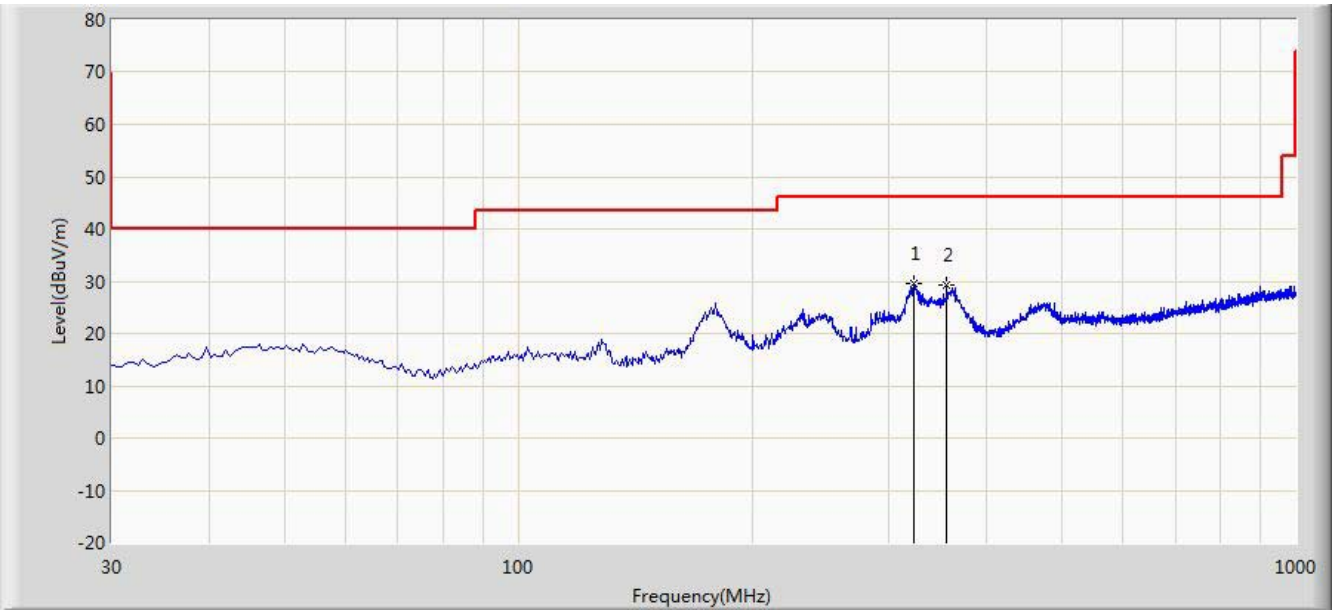
Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (89.2dBμV/m).

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The worst case of Radiated Emission 9KHz ~ 1GHz and 18GHz ~ 25GHz:

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 20:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode : Transmit by 2DH5 at channel 2441MHz	

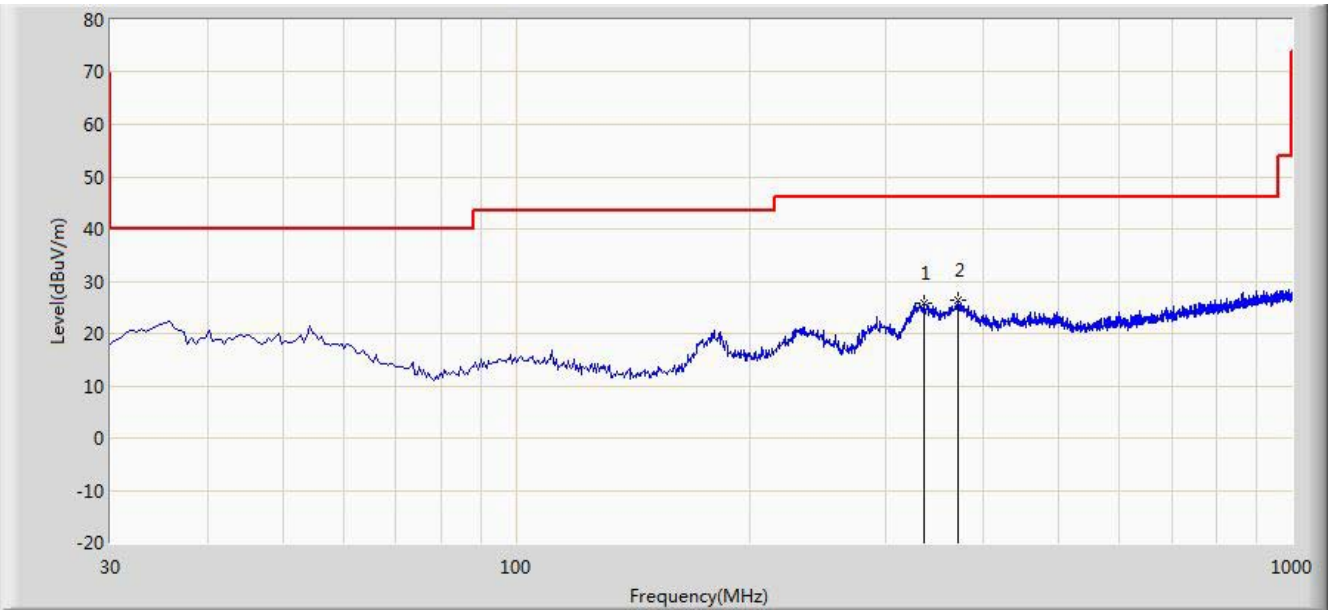


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	323.425	29.578	45.926	-16.422	46.000	-16.348	QP
2			355.920	29.330	45.035	-16.670	46.000	-15.705	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 20:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode : Transmit by 2DH5 at channel 2441MHz	

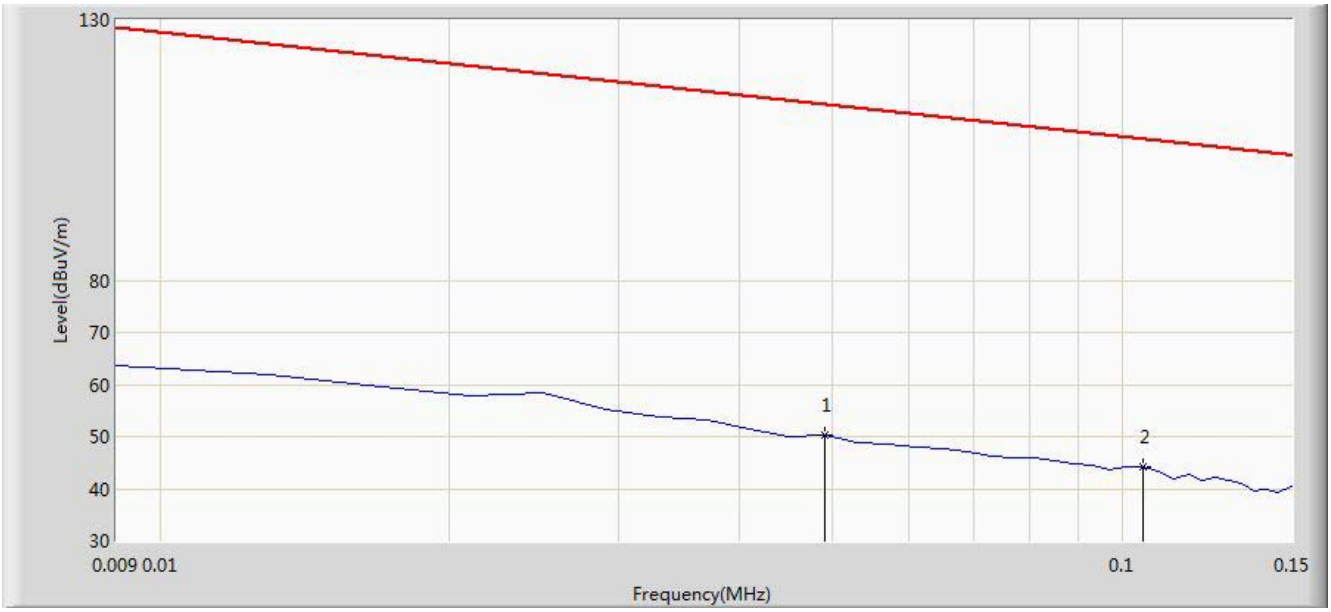


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			336.035	25.841	41.853	-20.159	46.000	-16.012	QP
2		*	371.925	26.425	41.859	-19.575	46.000	-15.434	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 15:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: LED Lamp	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

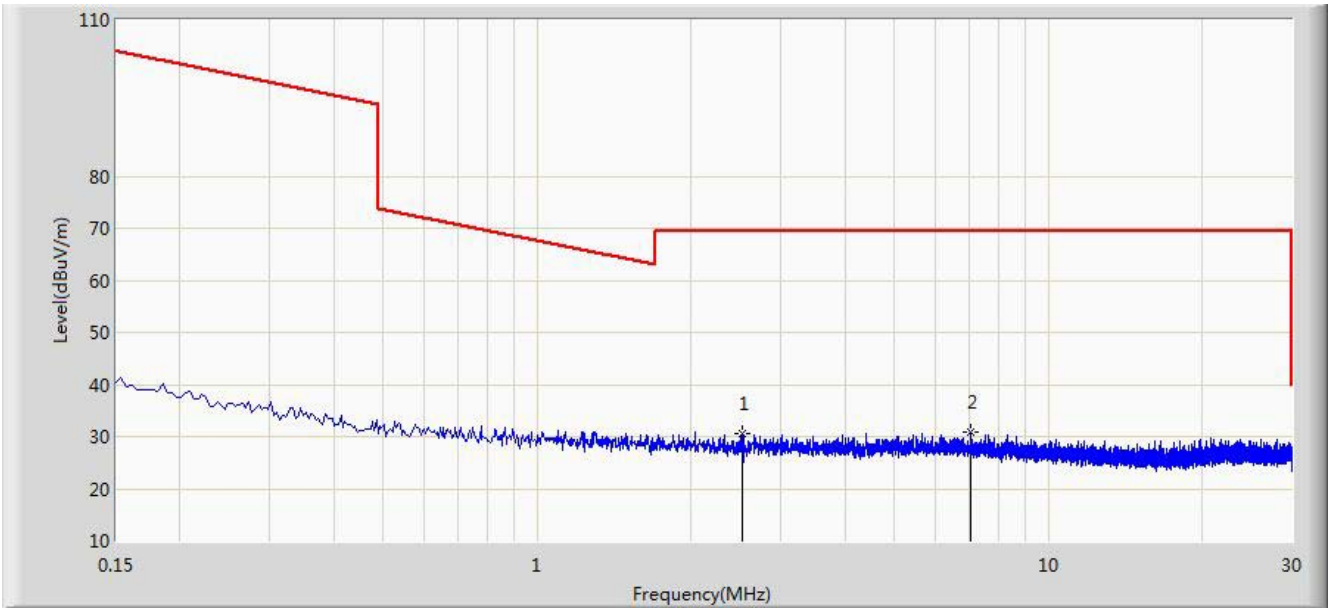


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.049	50.367	29.861	-63.422	113.789	20.505	QP
2		*	0.105	44.143	23.996	-63.029	107.173	20.147	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 15:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: LED Lamp	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

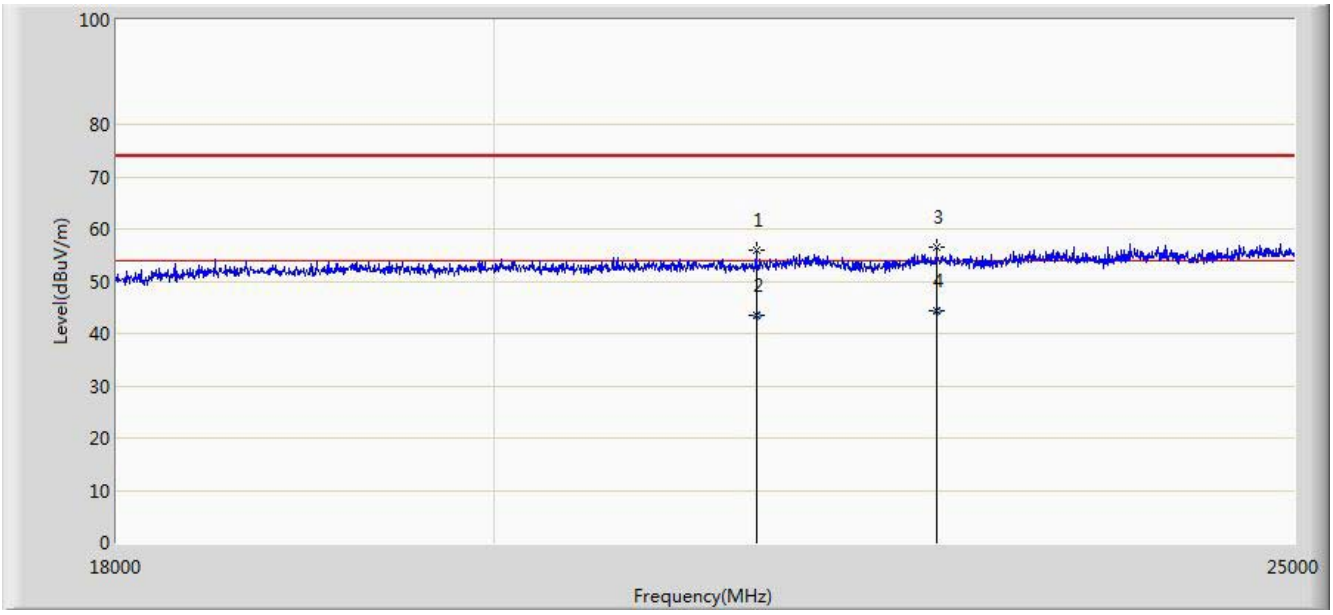


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2.513	30.495	10.336	-39.005	69.500	20.159	QP
2		*	7.041	30.974	10.579	-38.526	69.500	20.395	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 15:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~25GHz.	

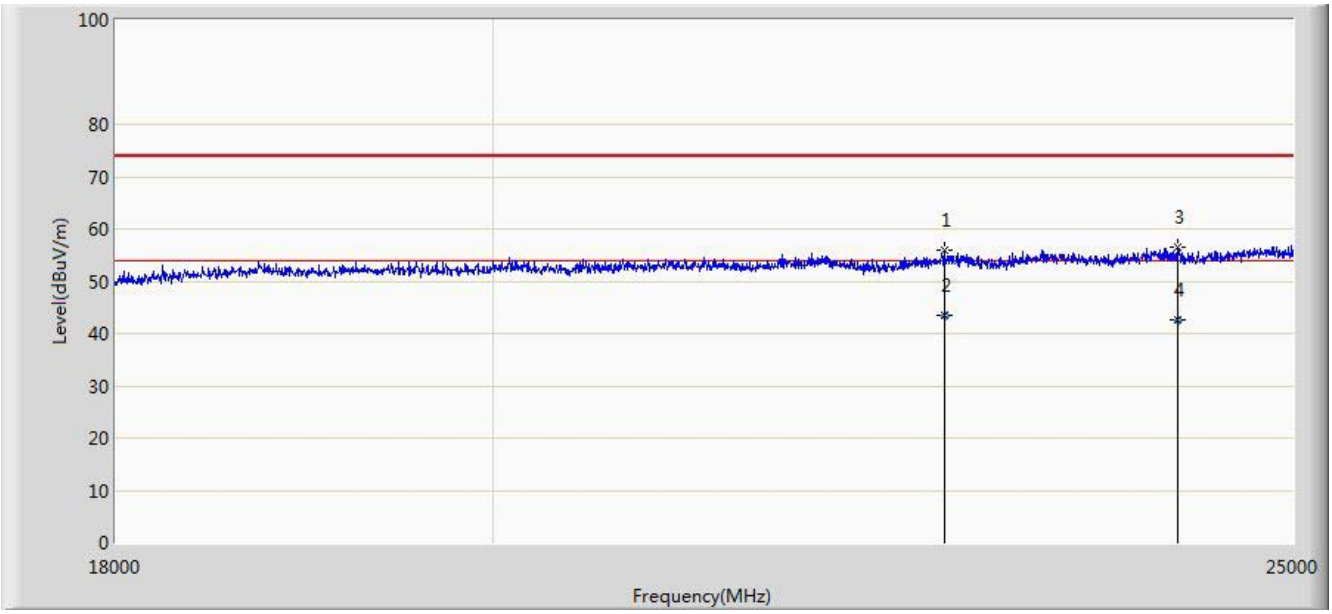


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			21517.500	55.869	17.883	-18.131	74.000	37.986	PK
2			21517.650	43.351	5.365	-10.649	54.000	37.986	AV
3			22630.500	56.509	18.223	-17.491	74.000	38.286	PK
4		*	22630.540	44.310	6.024	-9.690	54.000	38.286	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 16:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~25GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			22686.500	55.811	17.457	-18.189	74.000	38.354	PK
2			22686.540	43.598	5.244	-10.402	54.000	38.354	AV
3			24205.500	56.430	17.607	-17.570	74.000	38.823	PK
4		*	24205.658	42.518	3.695	-11.482	54.000	38.823	AV

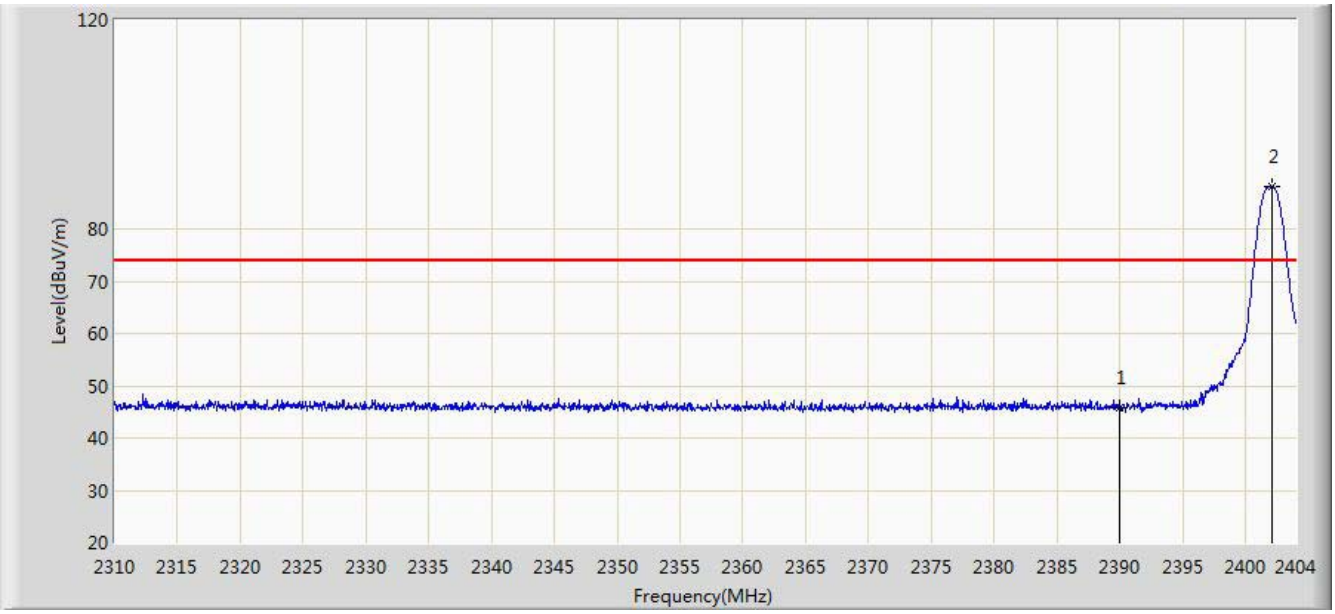
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.10. Radiated Restricted Band Edge Measurement

7.10.1. Test Result

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 20:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 1: Transmit by DH5 at channel 2402MHz	

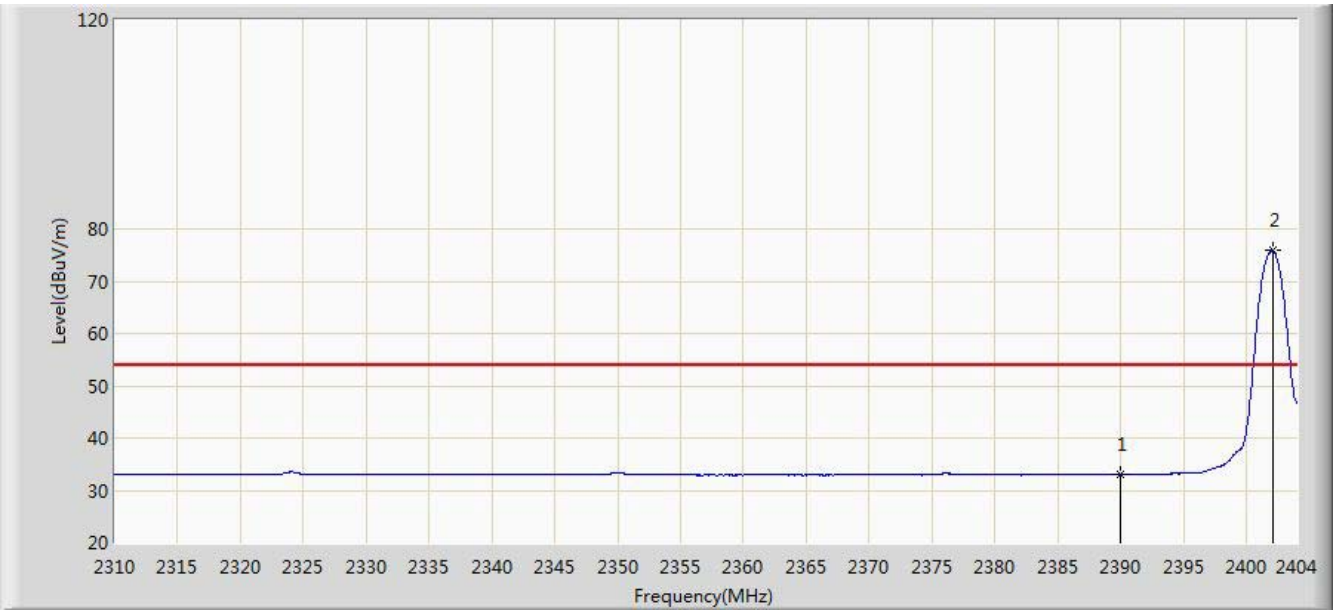


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.841	15.157	-28.159	74.000	30.684	PK
2		*	2402.167	88.173	57.512	N/A	N/A	30.661	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 20:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 1: Transmit by DH5 at channel 2402MHz	

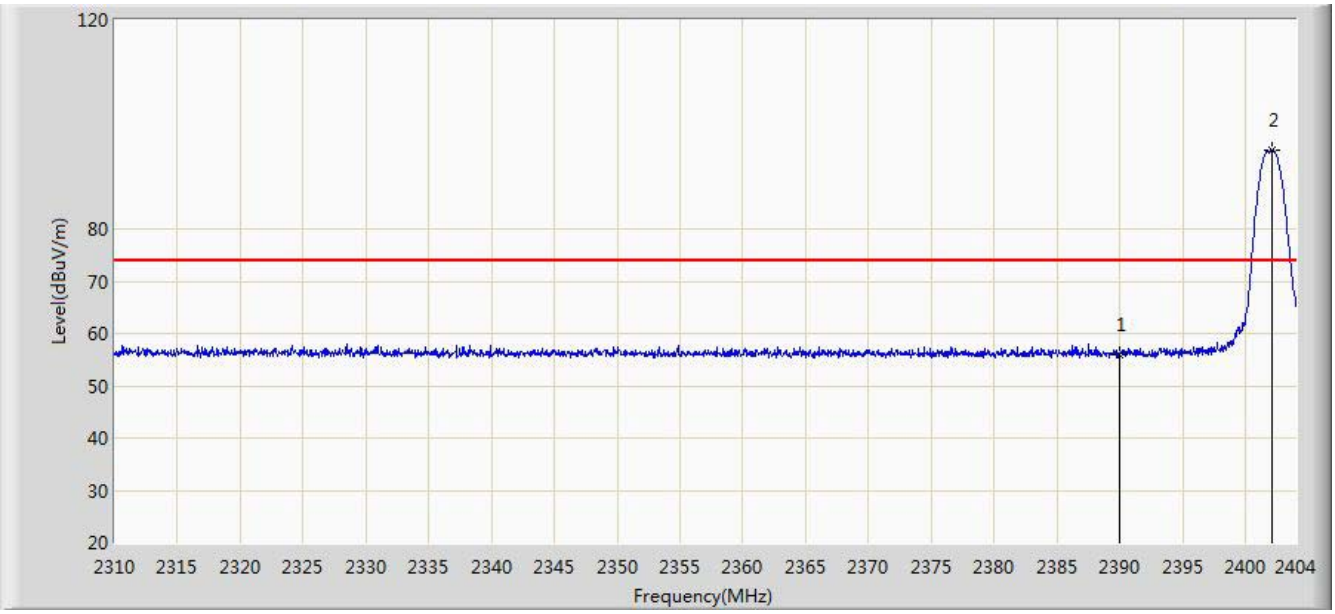


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	32.937	2.253	-21.063	54.000	30.684	AV
2		*	2402.073	75.921	45.260	N/A	N/A	30.661	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 1: Transmit by DH5 at channel 2402MHz	

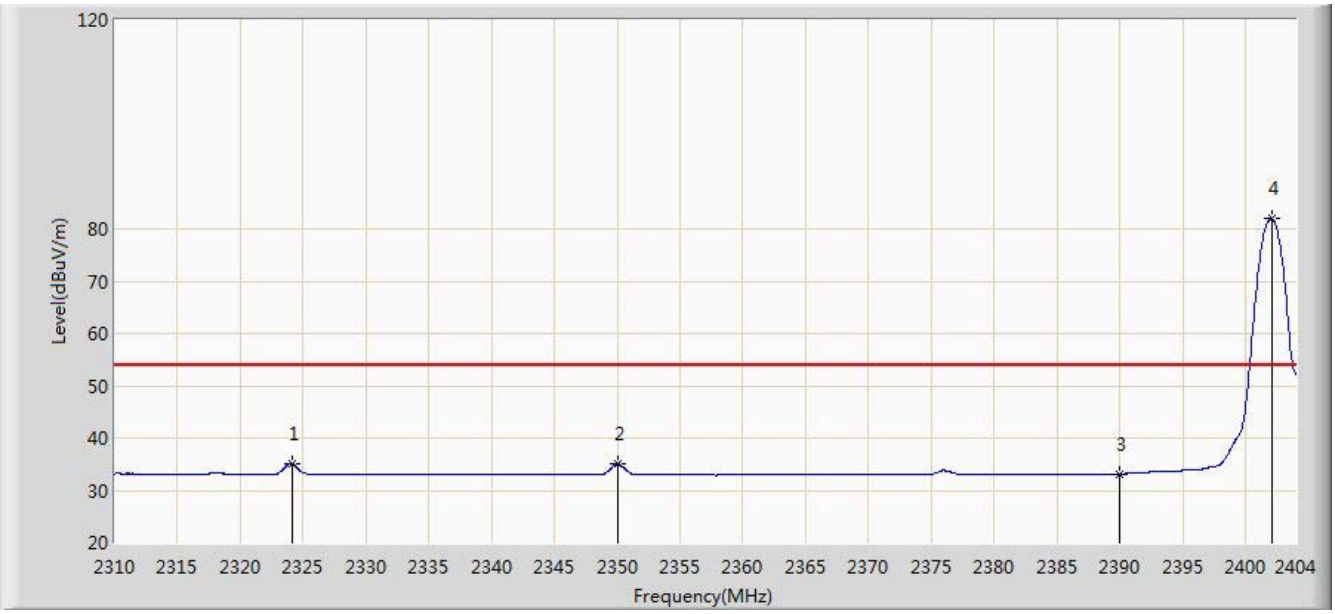


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	55.876	25.192	-18.124	74.000	30.684	PK
2		*	2402.120	95.020	64.359	N/A	N/A	30.661	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 1: Transmit by DH5 at channel 2402MHz	

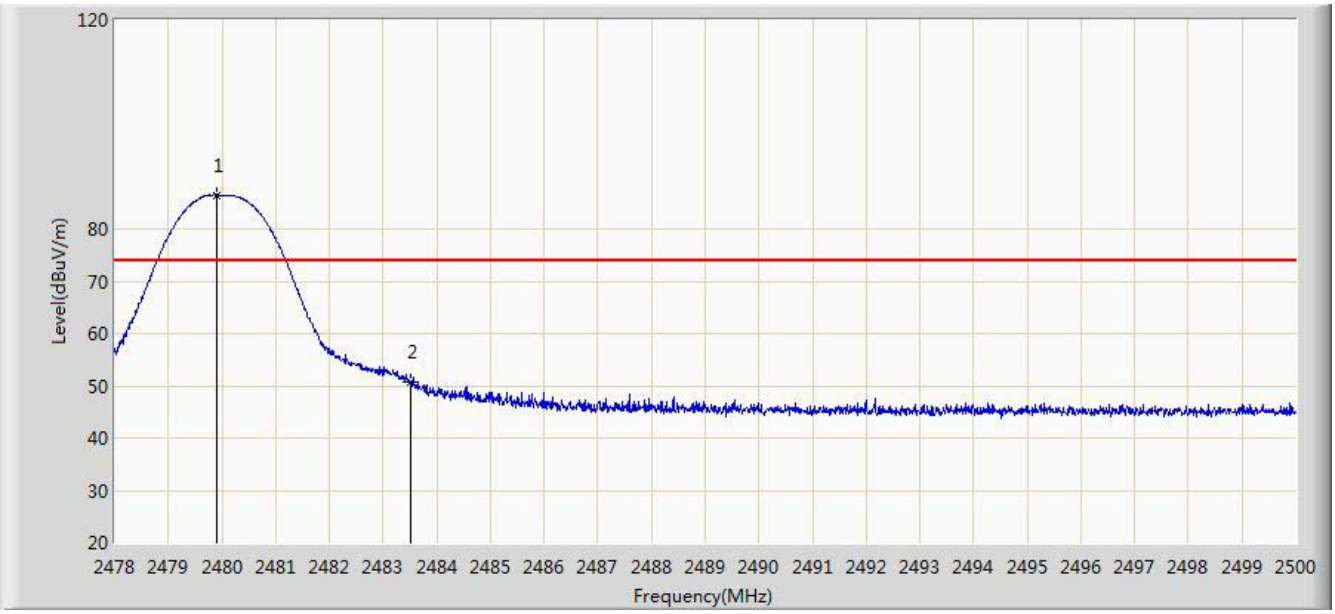


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2324.147	35.080	4.186	-18.920	54.000	30.895	AV
2			2349.997	35.082	4.298	-18.918	54.000	30.784	AV
3			2390.000	33.124	2.440	-20.876	54.000	30.684	AV
4		*	2402.073	81.988	51.327	N/A	N/A	30.661	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 1: Transmit by DH5 at channel 2480MHz	

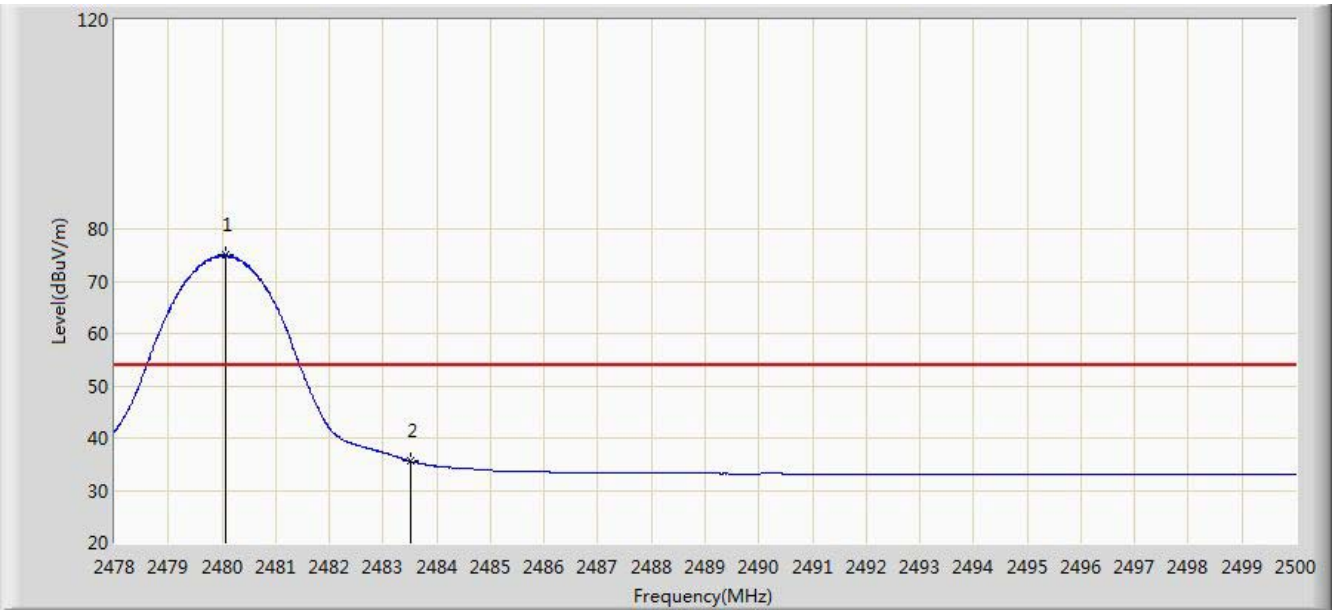


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	86.488	55.826	N/A	N/A	30.662	PK
2			2483.500	50.841	20.168	-23.159	74.000	30.673	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 1: Transmit by DH5 at channel 2480MHz	

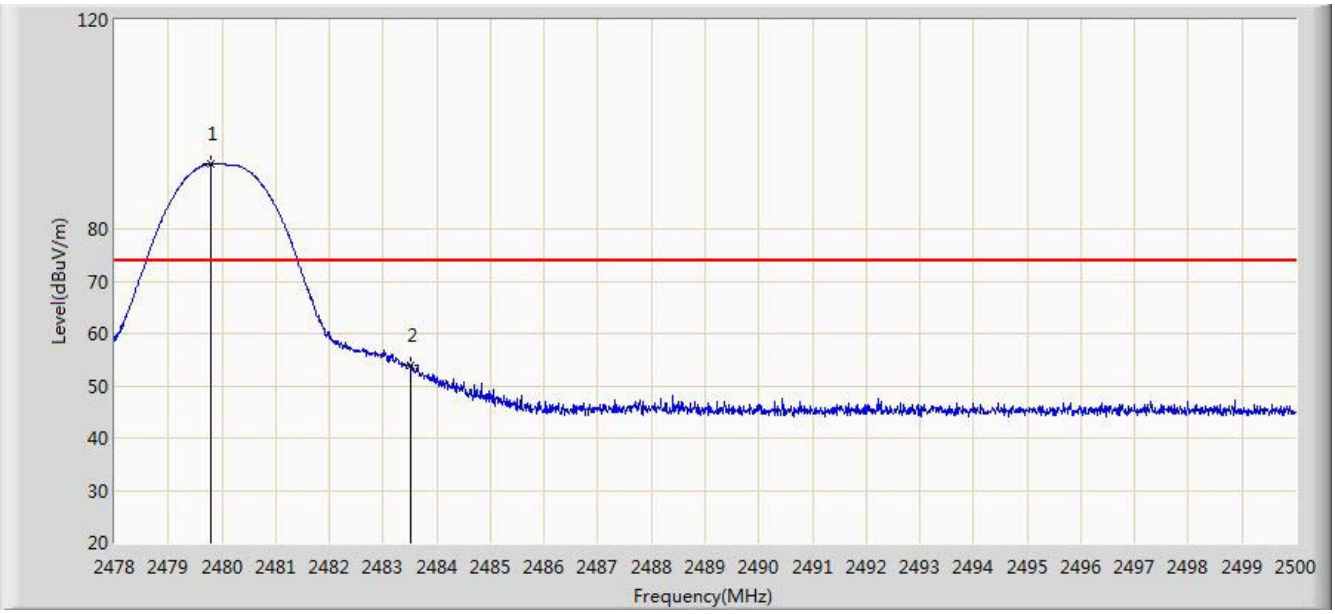


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.057	74.975	44.312	N/A	N/A	30.662	AV
2			2483.500	35.629	4.956	-18.371	54.000	30.673	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 1: Transmit by DH5 at channel 2480MHz	

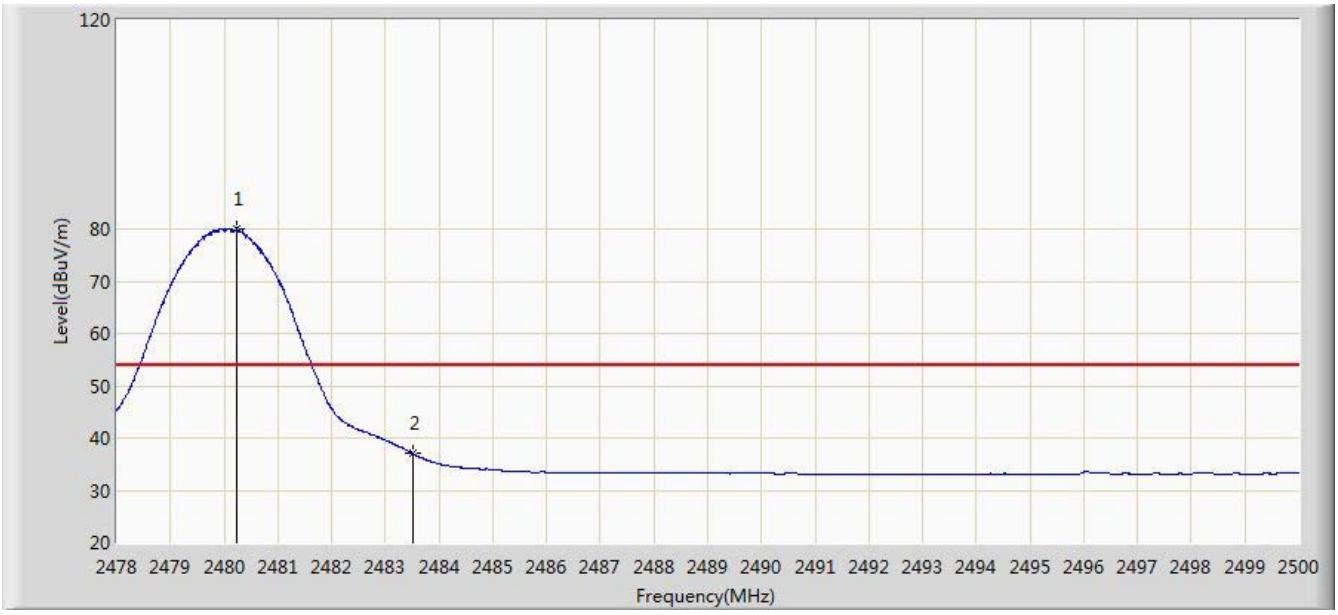


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.804	92.522	61.860	N/A	N/A	30.662	PK
2			2483.500	53.869	23.196	-20.131	74.000	30.673	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 1: Transmit by DH5 at channel 2480MHz	

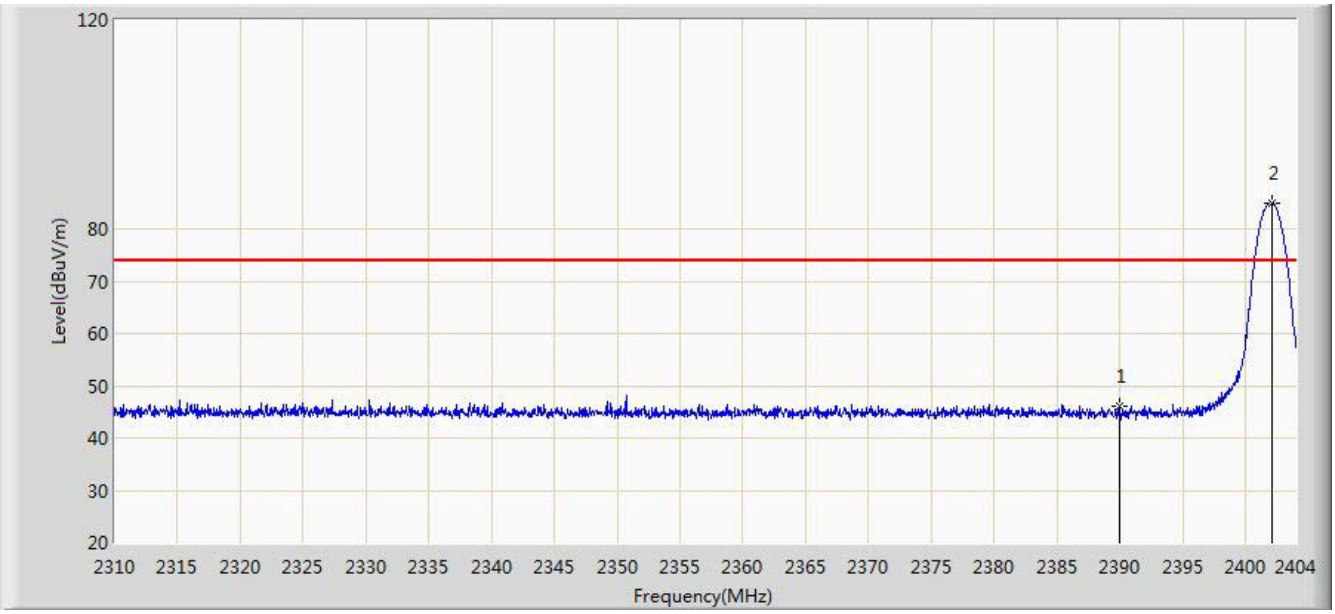


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.222	80.101	49.438	N/A	N/A	30.663	AV
2			2483.500	37.073	6.400	-16.927	54.000	30.673	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 2: Transmit by 2DH5 at channel 2402MHz	

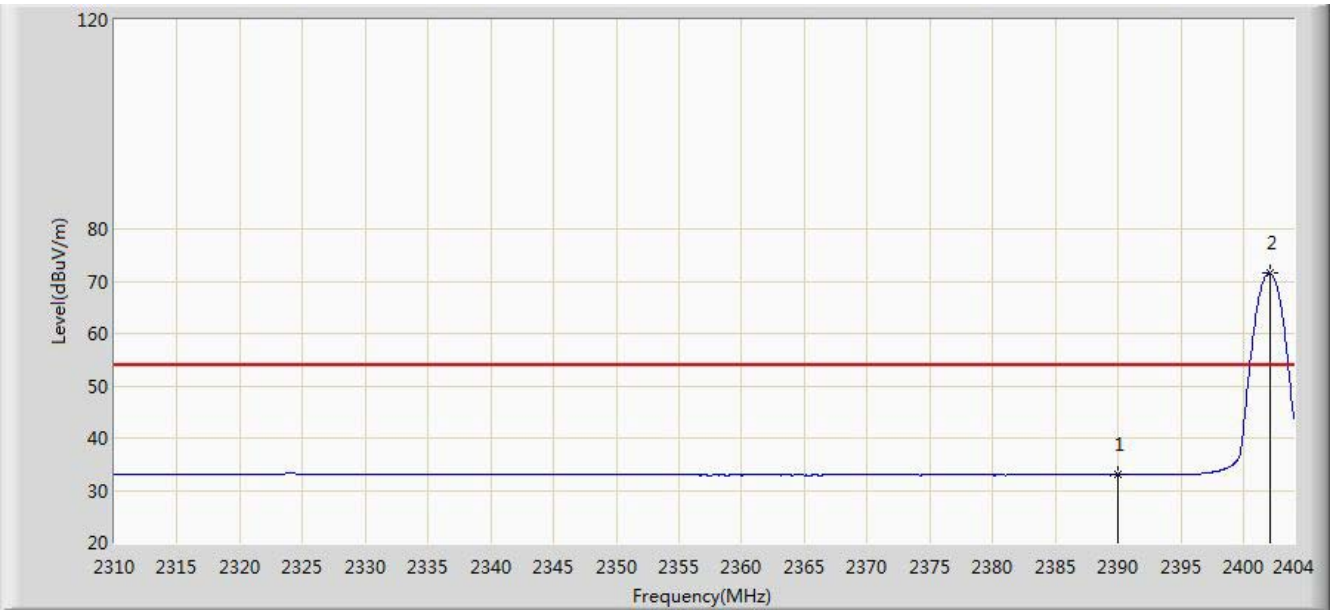


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.024	15.340	-27.976	74.000	30.684	PK
2		*	2402.073	84.869	54.208	N/A	N/A	30.661	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 2: Transmit by 2DH5 at channel 2402MHz	

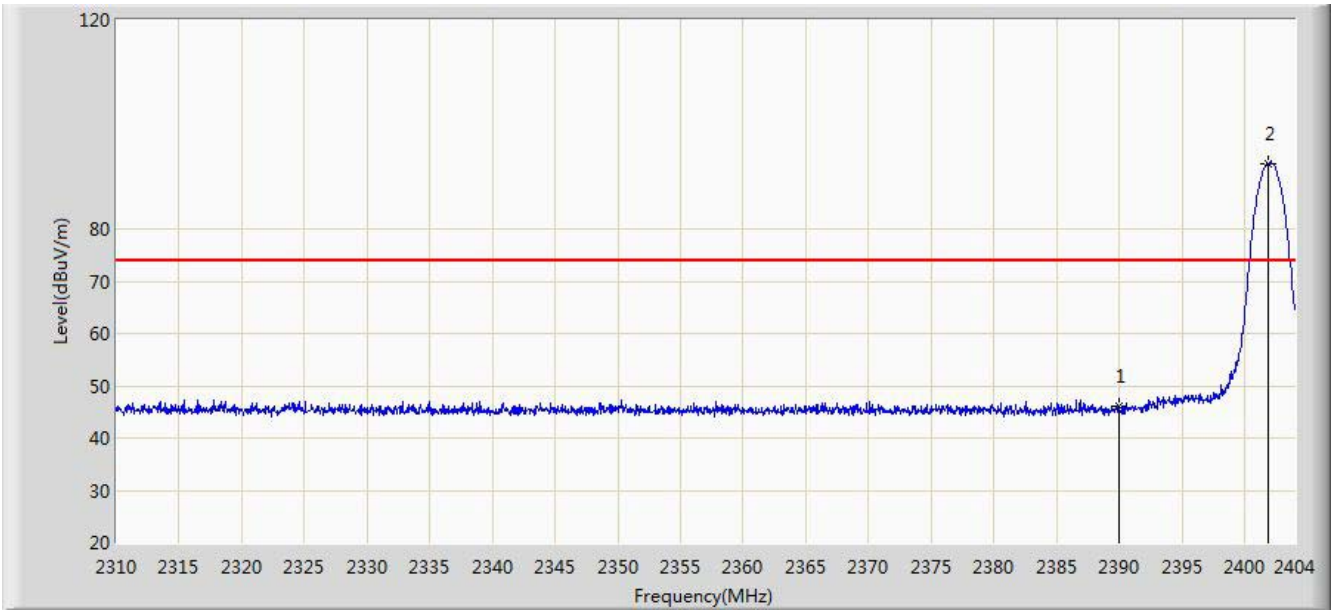


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	32.943	2.259	-21.057	54.000	30.684	AV
2		*	2402.073	71.553	40.892	N/A	N/A	30.661	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 2: Transmit by 2DH5 at channel 2402MHz	

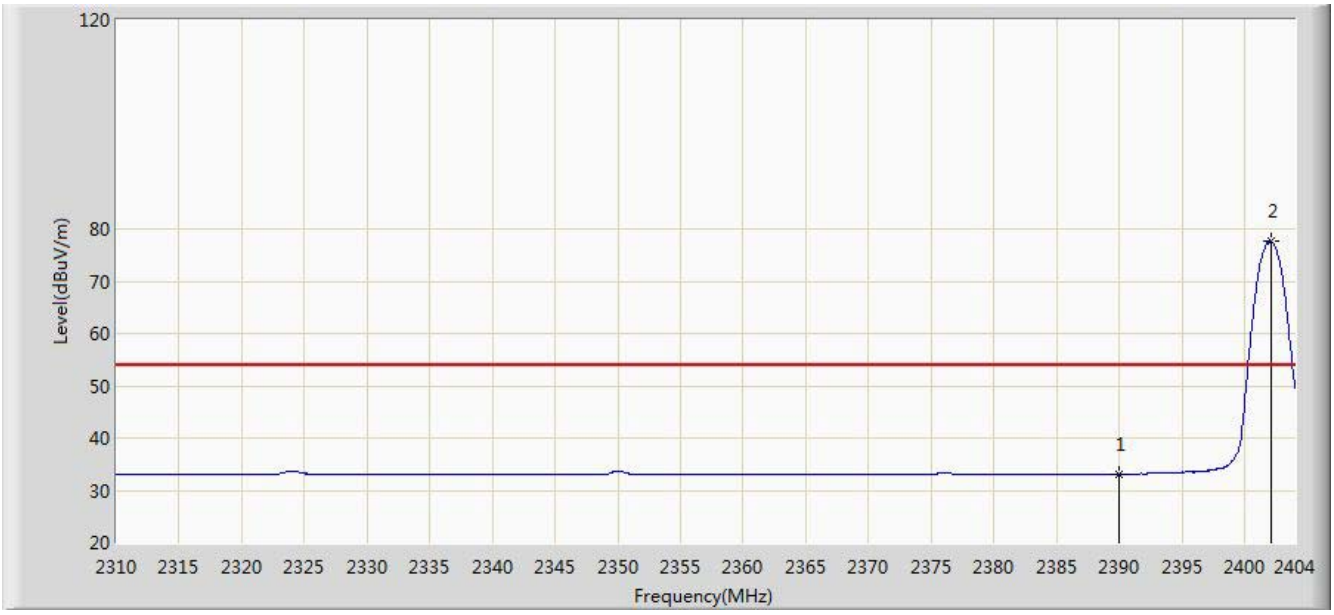


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.957	15.273	-28.043	74.000	30.684	PK
2		*	2401.885	92.561	61.900	N/A	N/A	30.661	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 2: Transmit by 2DH5 at channel 2402MHz	

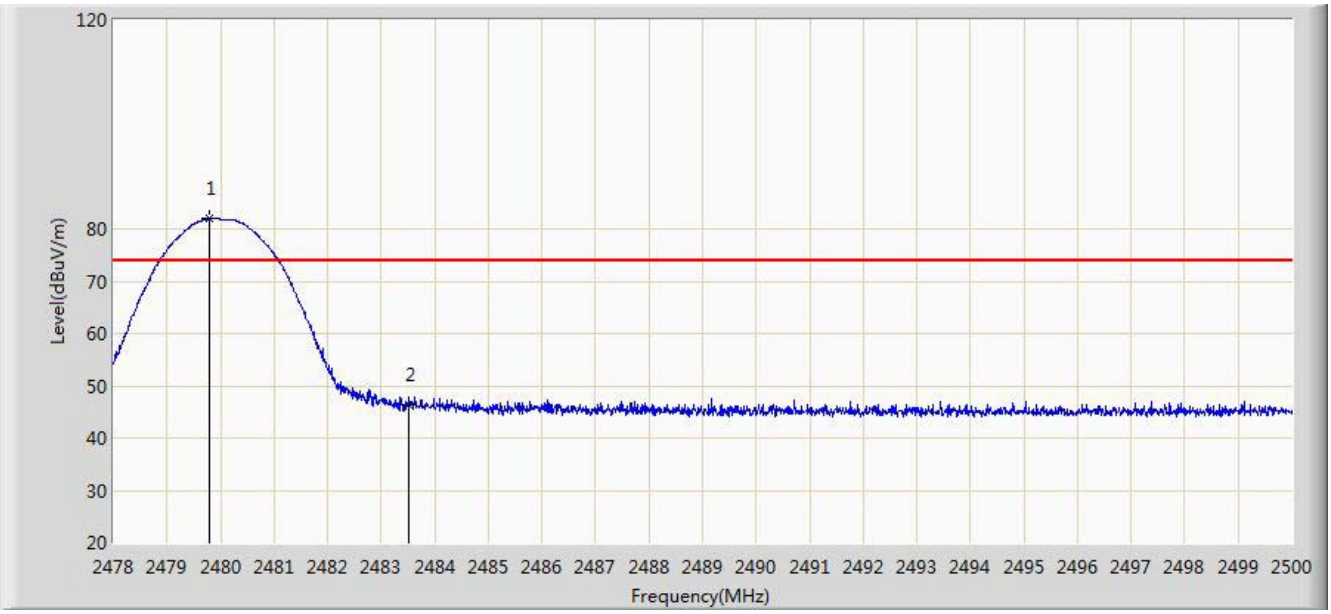


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	33.073	2.389	-20.927	54.000	30.684	AV
2		*	2402.073	77.719	47.058	N/A	N/A	30.661	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 2: Transmit by 2DH5 at channel 2480MHz	

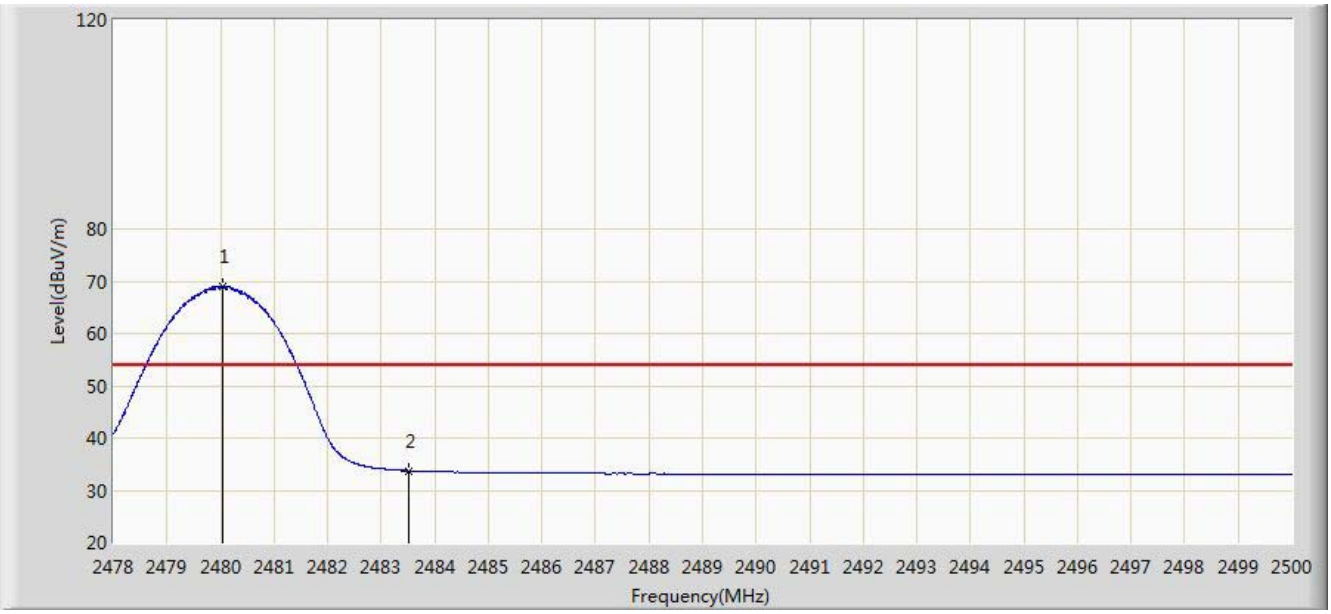


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.804	82.057	51.395	N/A	N/A	30.662	PK
2			2483.500	46.472	15.799	-27.528	74.000	30.673	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 2: Transmit by 2DH5 at channel 2480MHz	

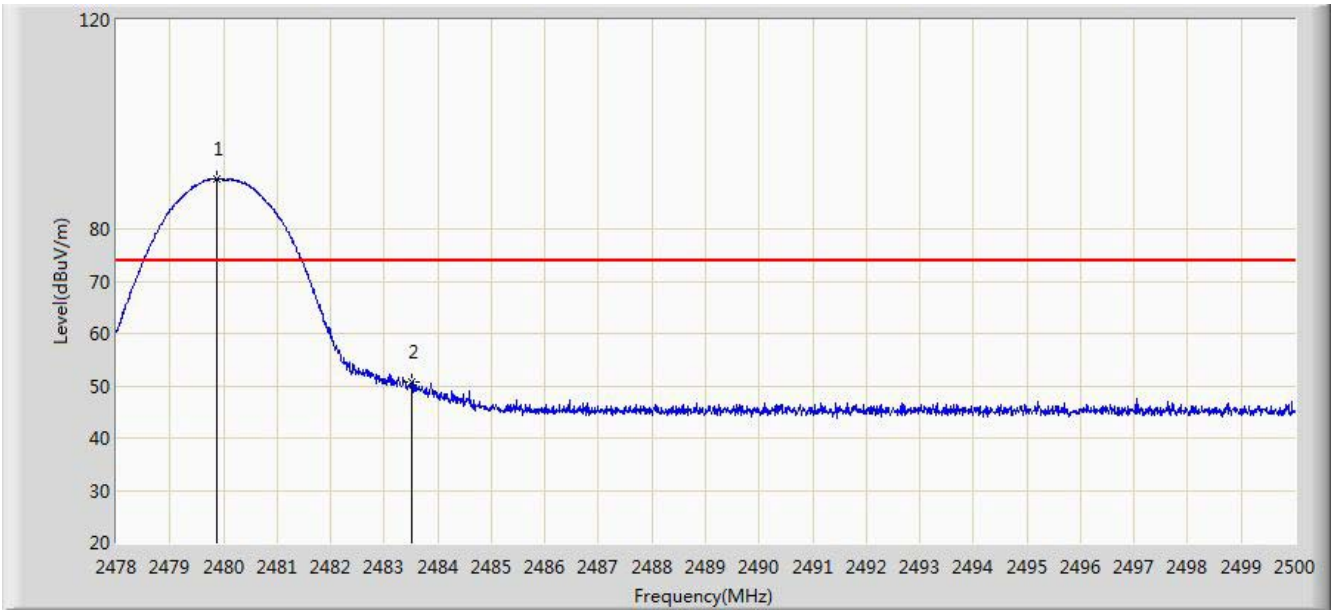


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	68.967	38.304	N/A	N/A	30.662	AV
2			2483.500	33.752	3.079	-20.248	54.000	30.673	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 2: Transmit by 2DH5 at channel 2480MHz	

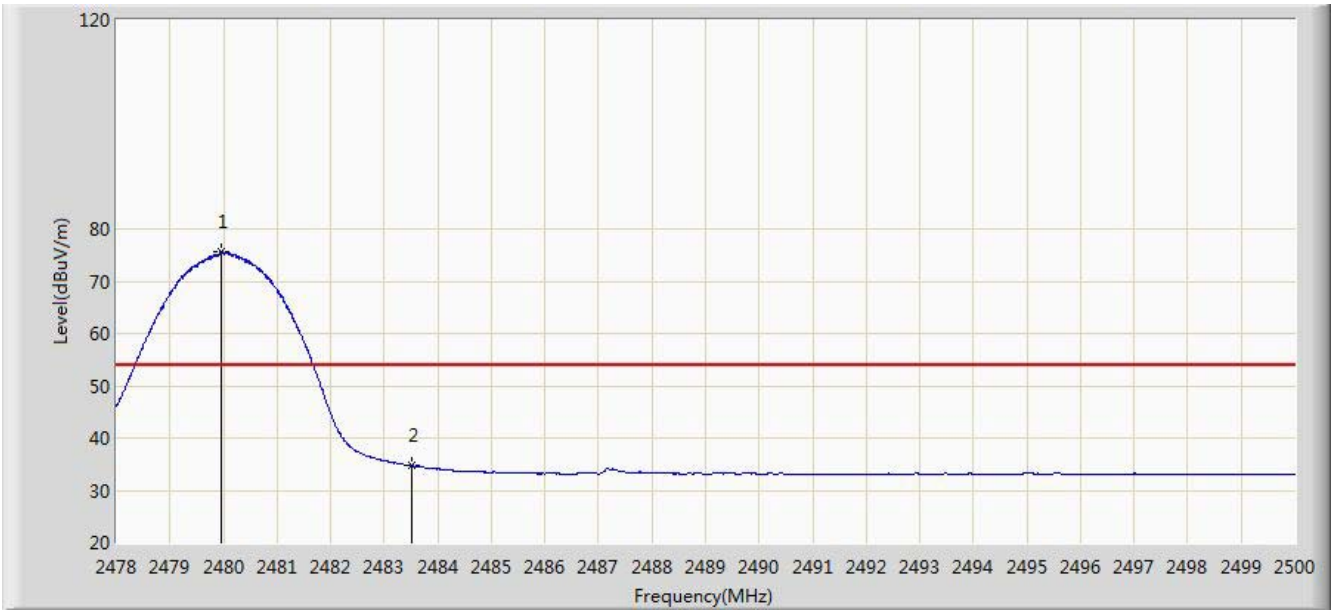


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.870	89.455	58.793	N/A	N/A	30.662	PK
2			2483.500	50.756	20.083	-23.244	74.000	30.673	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/20 - 21:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 2: Transmit by 2DH5 at channel 2480MHz	

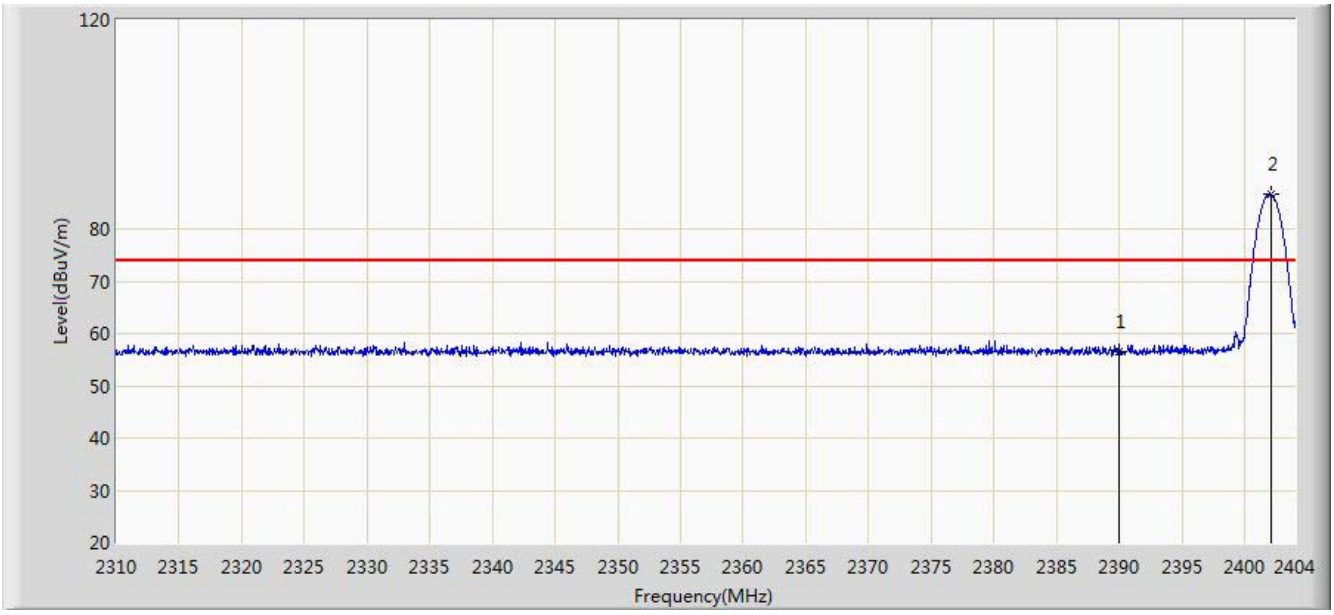


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.947	75.770	45.108	N/A	N/A	30.662	AV
2			2483.500	34.682	4.009	-19.318	54.000	30.673	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/21 - 12:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 3: Transmit by 3DH5 at channel 2402MHz	

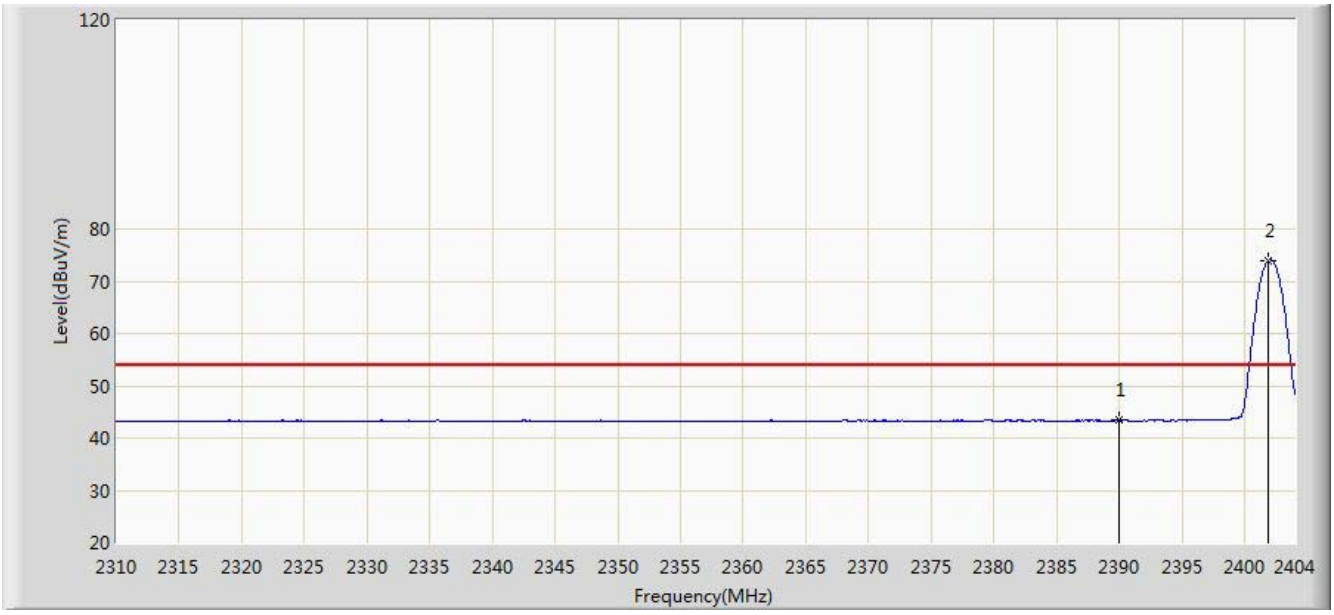


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	56.425	25.741	-17.575	74.000	30.684	PK
2		*	2402.073	86.784	56.123	N/A	N/A	30.661	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/21 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 3: Transmit by 3DH5 at channel 2402MHz	

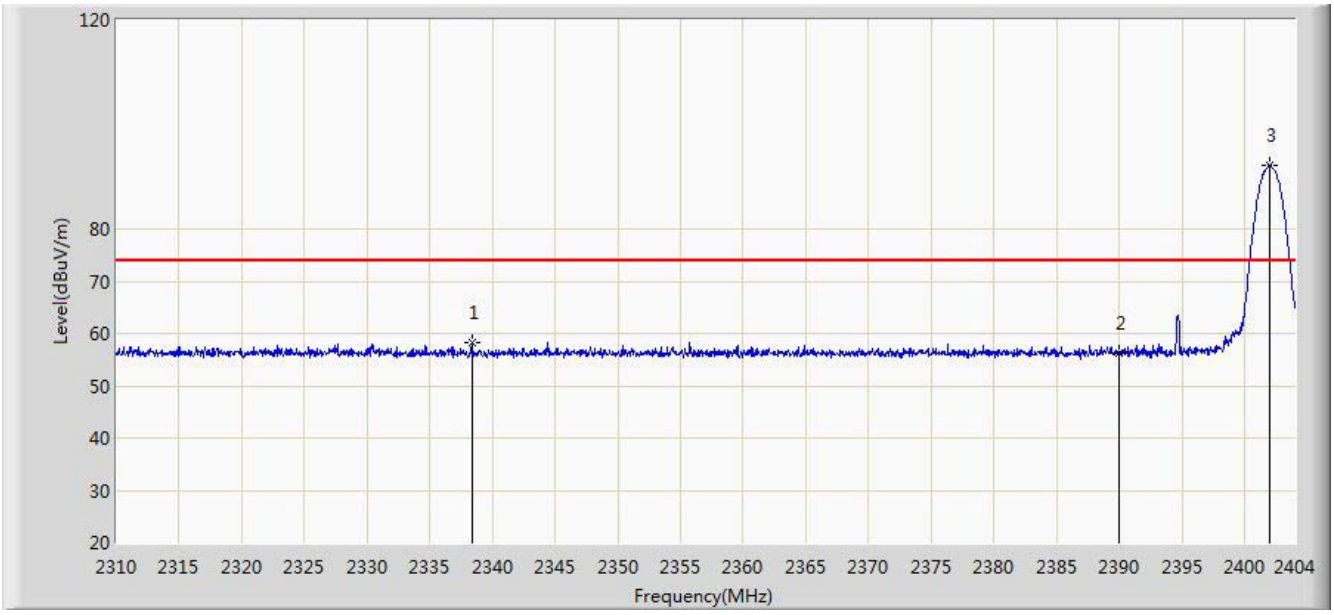


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.378	12.694	-10.622	54.000	30.684	AV
2		*	2401.885	73.964	43.303	N/A	N/A	30.661	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/21 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 3: Transmit by 3DH5 at channel 2402MHz	

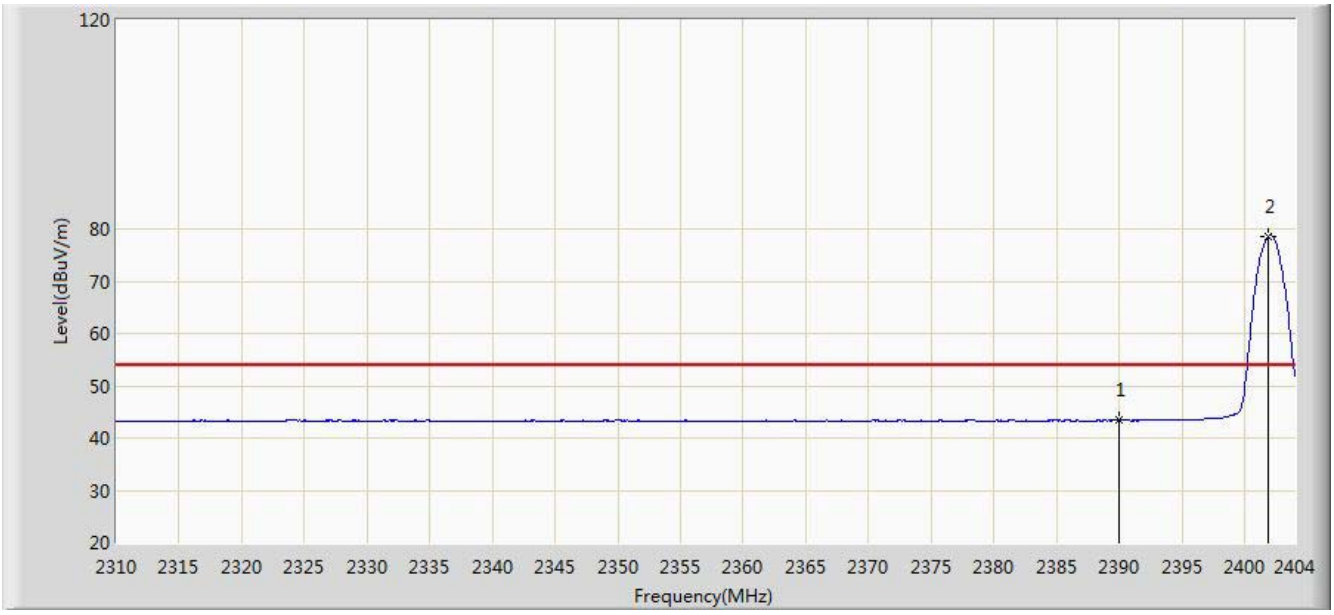


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2338.341	58.150	27.322	-15.850	74.000	30.828	PK
2			2390.000	56.314	25.630	-17.686	74.000	30.684	PK
3		*	2402.026	92.259	61.598	N/A	N/A	30.662	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/21 - 13:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 3: Transmit by 3DH5 at channel 2402MHz	

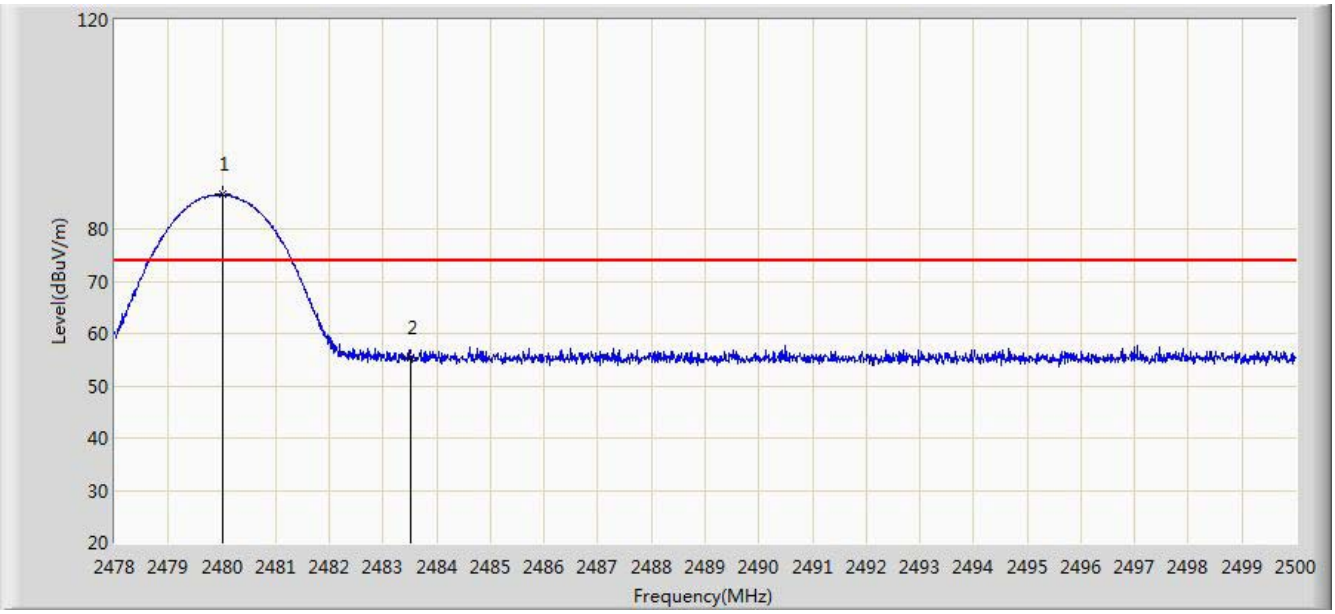


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.380	12.696	-10.620	54.000	30.684	AV
2		*	2401.885	78.581	47.920	N/A	N/A	30.661	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/21 - 13:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 3: Transmit by 3DH5 at channel 2480MHz	

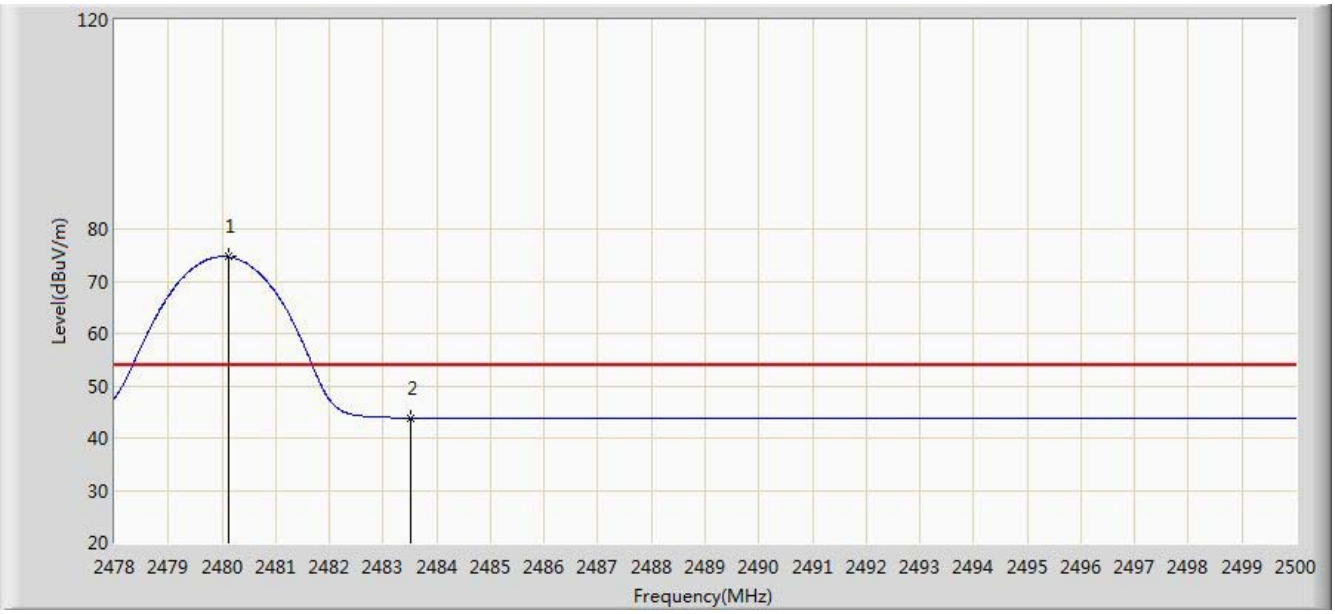


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	86.718	56.056	N/A	N/A	30.662	PK
2			2483.500	55.308	24.635	-18.692	74.000	30.673	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/21 - 13:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 3: Transmit by 3DH5 at channel 2480MHz	

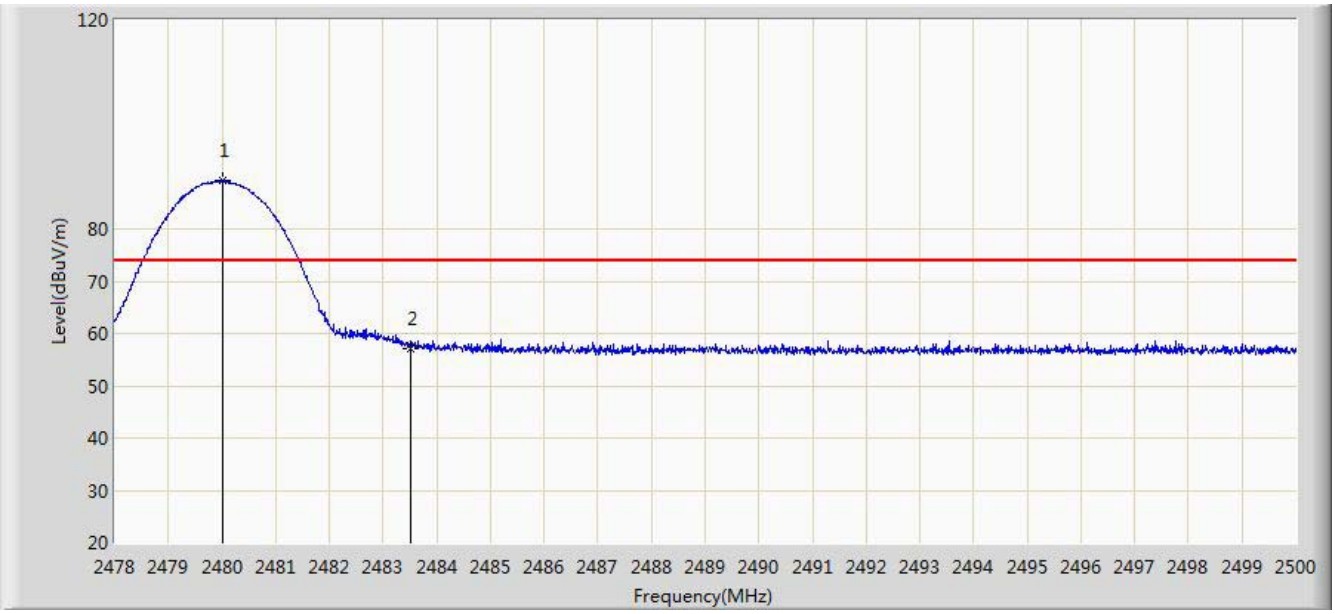


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	74.681	44.018	N/A	N/A	30.662	AV
2			2483.500	43.820	13.147	-10.180	54.000	30.673	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/21 - 13:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 3: Transmit by 3DH5 at channel 2480MHz	

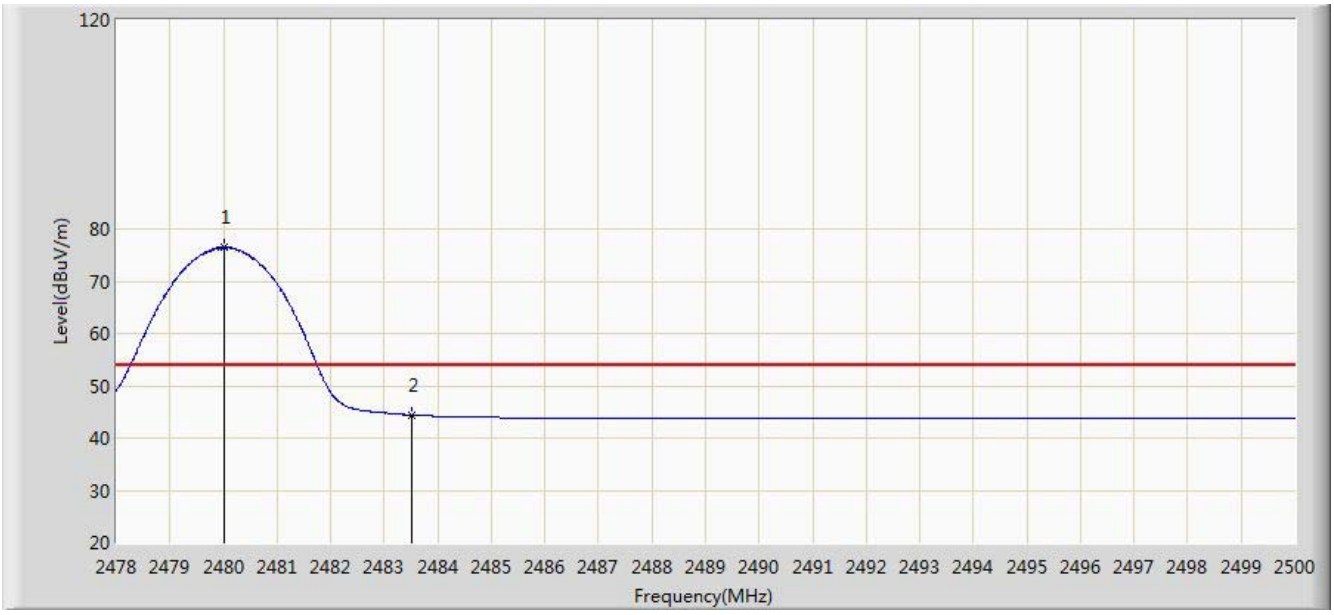


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.013	89.238	58.576	N/A	N/A	30.662	PK
2			2483.500	57.143	26.470	-16.857	74.000	30.673	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Engineer: Andy Zhu	
Site: AC1	Time: 2014/10/21 - 13:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Mode 3: Transmit by 3DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	76.415	45.753	N/A	N/A	30.662	AV
2			2483.500	44.403	13.730	-9.597	54.000	30.673	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.11. AC Conducted Emissions Measurement

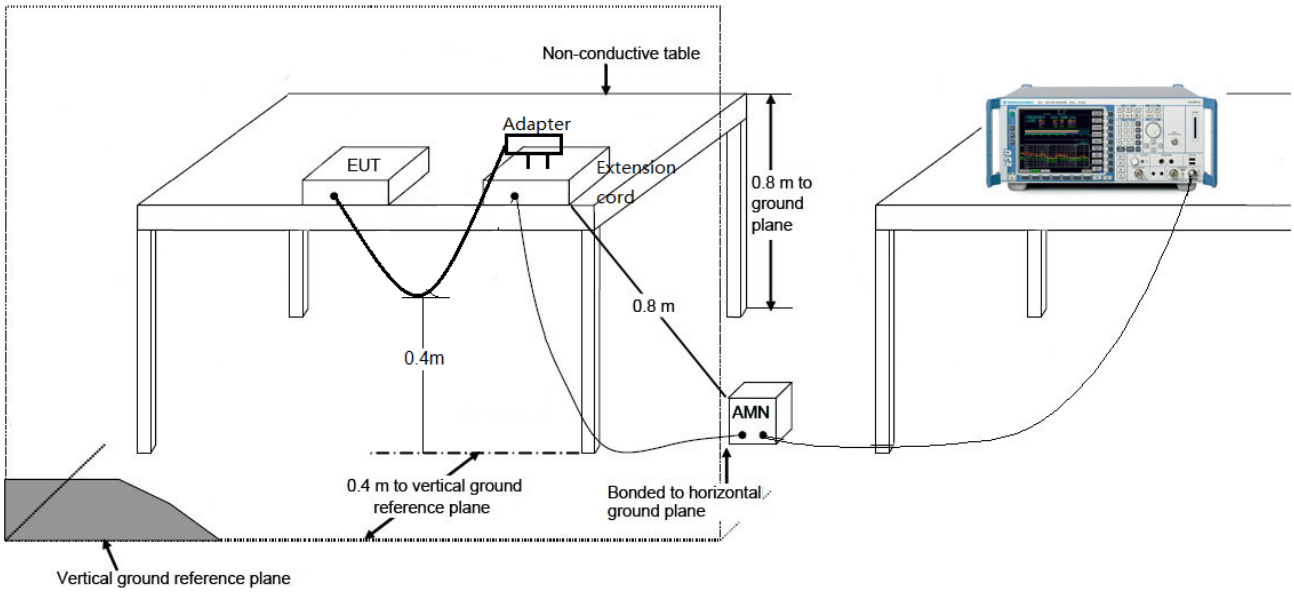
7.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

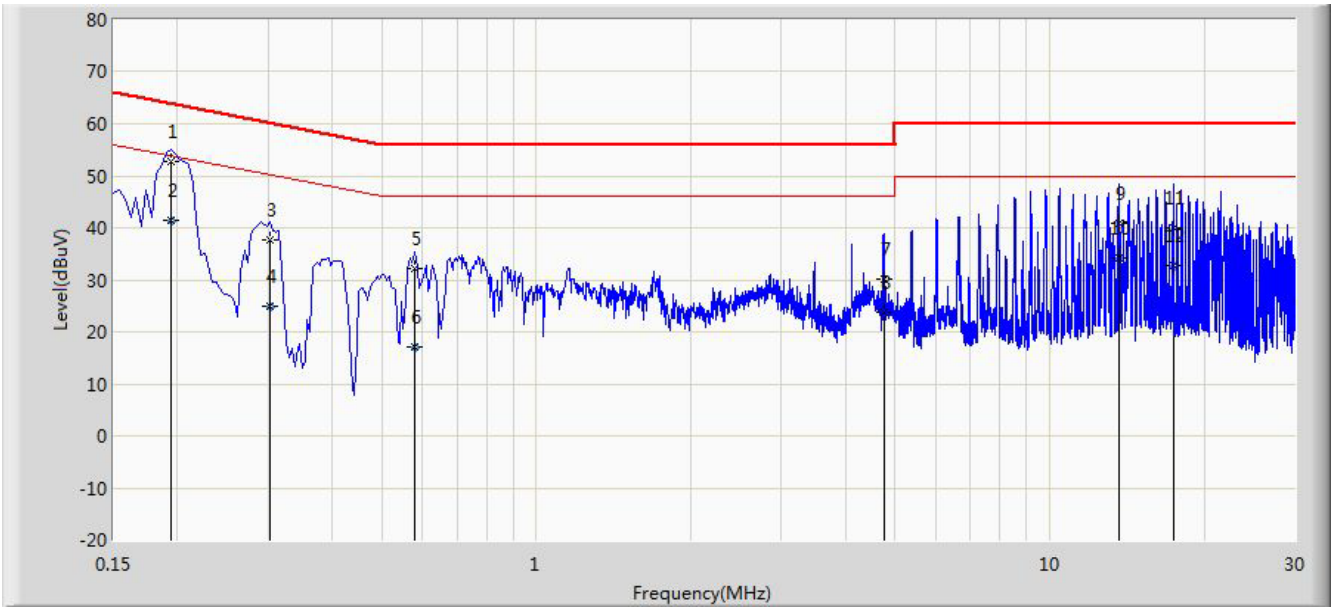
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.11.2. Test Setup



7.11.3. Test Result

Engineer: Andy Zhu	
Site: SR2	Time: 2014/10/20 - 17:02
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode1	

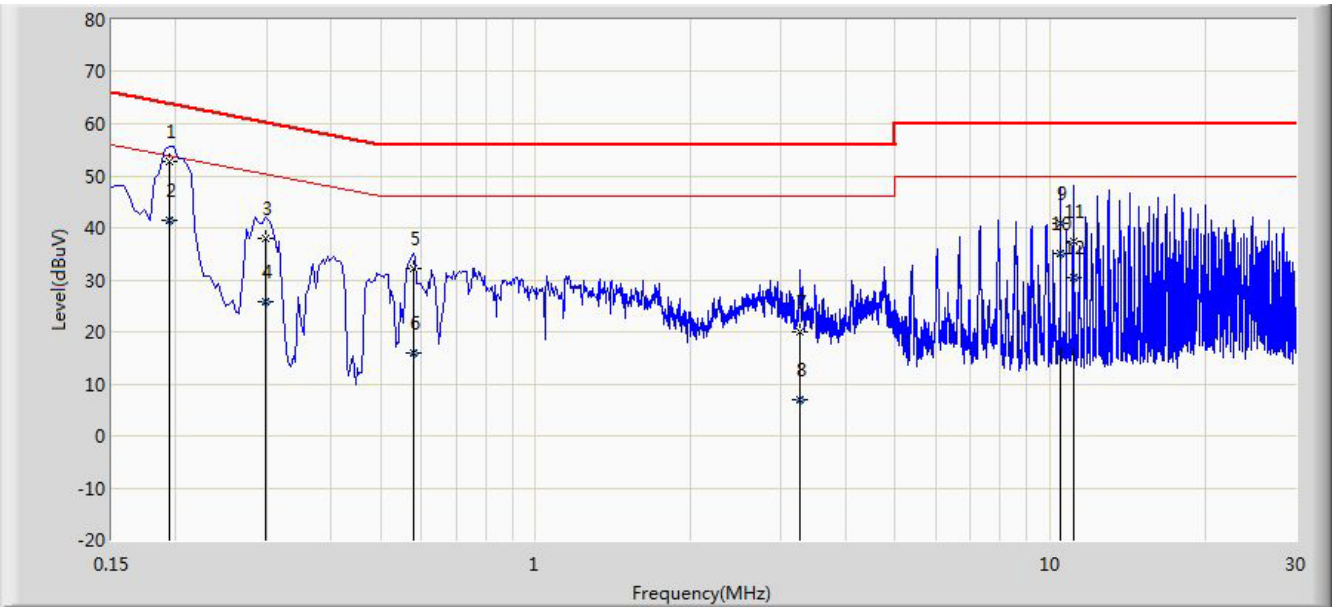


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.194	52.657	42.640	-11.207	63.864	10.017	QP
2			0.194	41.454	31.437	-12.410	53.864	10.017	AV
3			0.302	37.788	27.782	-22.400	60.188	10.006	QP
4			0.302	25.033	15.027	-25.155	50.188	10.006	AV
5			0.578	32.081	21.955	-23.919	56.000	10.126	QP
6			0.578	17.027	6.901	-28.973	46.000	10.126	AV
7			4.746	30.256	20.239	-25.744	56.000	10.017	QP
8			4.746	23.718	13.701	-22.282	46.000	10.017	AV
9			13.602	40.892	30.831	-19.108	60.000	10.061	QP
10			13.602	34.233	24.172	-15.767	50.000	10.061	AV
11			17.434	39.876	29.788	-20.124	60.000	10.088	QP
12			17.434	32.611	22.523	-17.389	50.000	10.088	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Engineer: Andy Zhu	
Site: SR2	Time: 2014/10/20 - 17:13
Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.194	52.758	42.737	-11.106	63.864	10.021	QP
2			0.194	41.381	31.360	-12.483	53.864	10.021	AV
3			0.298	38.093	28.057	-22.205	60.298	10.036	QP
4			0.298	25.837	15.801	-24.461	50.298	10.036	AV
5			0.578	32.278	22.135	-23.722	56.000	10.143	QP
6			0.578	15.998	5.855	-30.002	46.000	10.143	AV
7			3.262	19.926	10.038	-36.074	56.000	9.888	QP
8			3.262	6.914	-2.974	-39.086	46.000	9.888	AV
9			10.450	40.799	30.648	-19.201	60.000	10.151	QP
10			10.450	35.033	24.882	-14.967	50.000	10.151	AV
11			11.082	37.406	27.276	-22.594	60.000	10.130	QP
12			11.082	30.510	20.380	-19.490	50.000	10.130	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **LED Lamp FCC ID:**

2ABX8SH-000000005 is in compliance with Part 15C of the FCC Rules.

The End