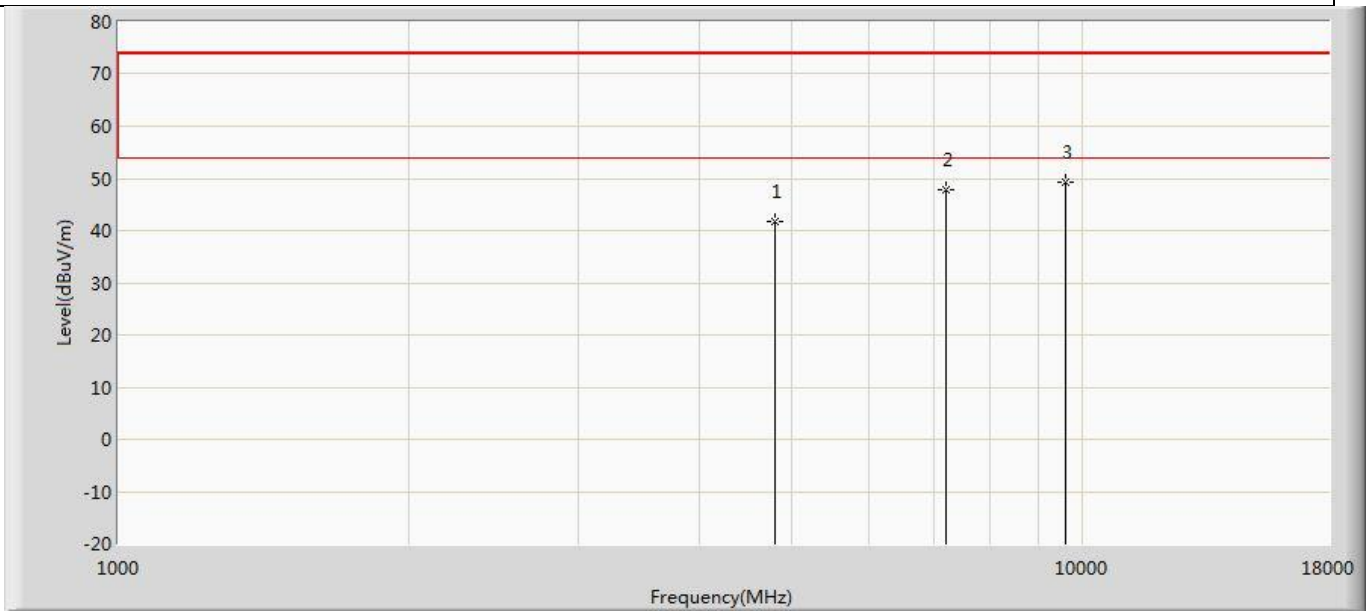
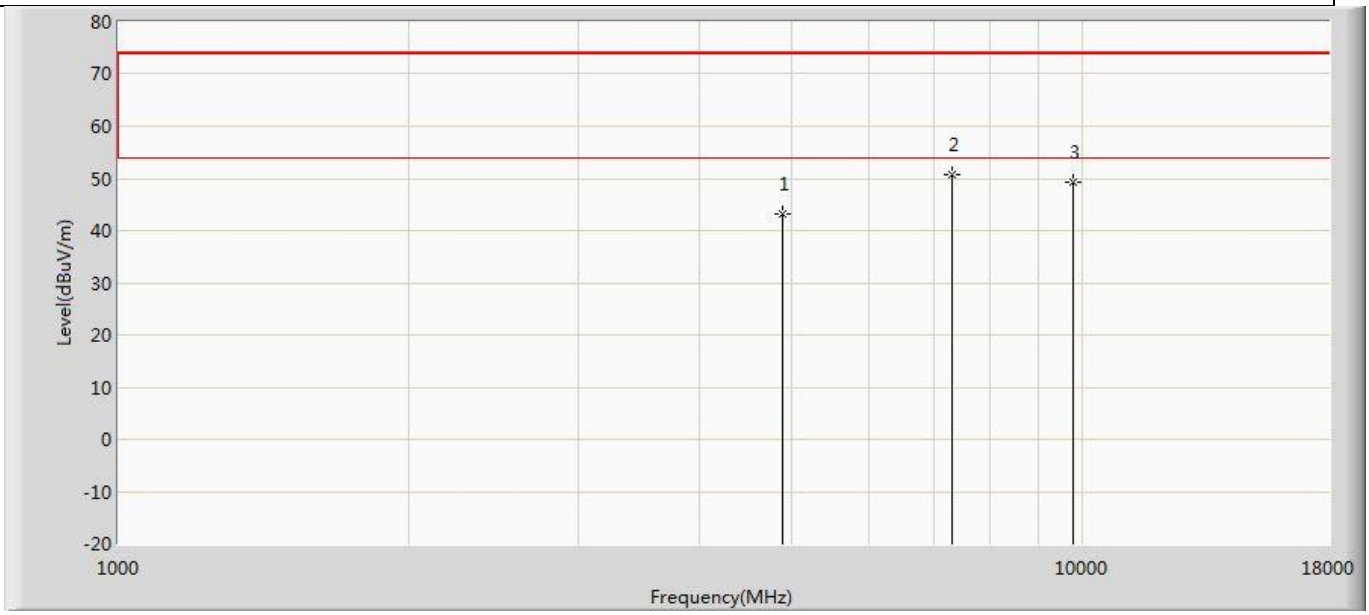
Profile: 2510003R	Page No.: 38
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2：Transmit at 2402MHz by LE_2Mbps	



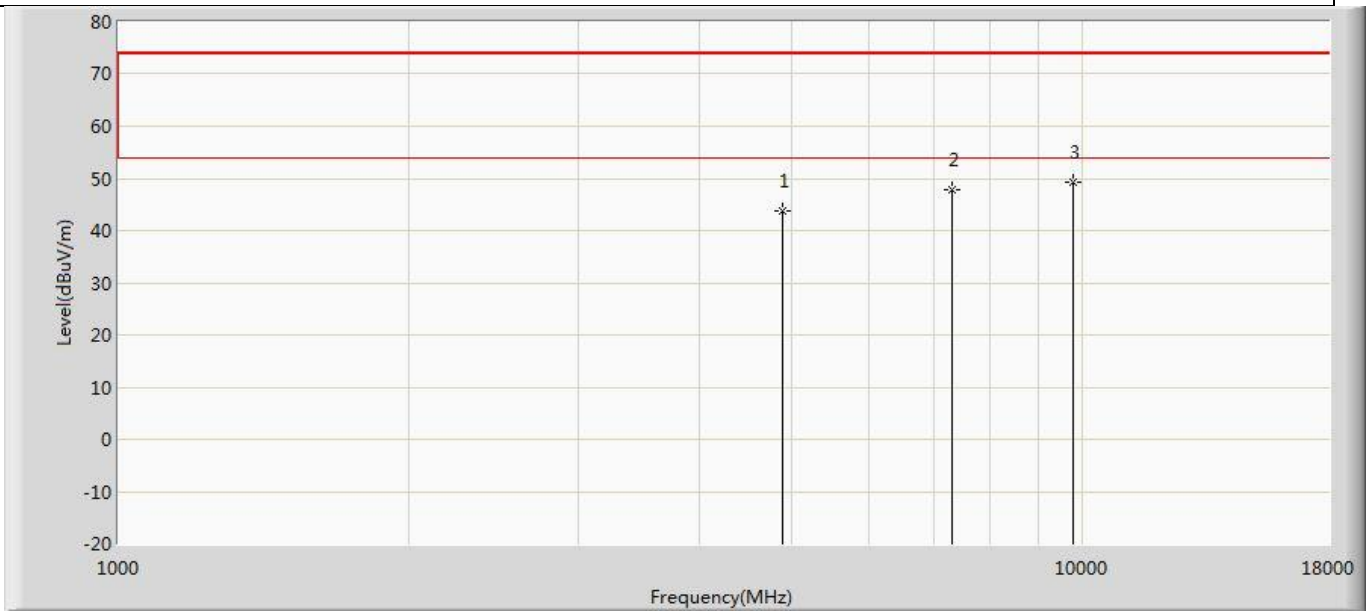
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.827	53.882	-32.173	74.000	-12.055	PK
2		7205.000	47.968	54.512	-26.032	74.000	-6.544	PK
3	*	9608.000	49.396	52.564	-24.604	74.000	-3.167	PK

Profile: 2510003R	Page No.: 39
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2：Transmit at 2440MHz by LE_2Mbps	



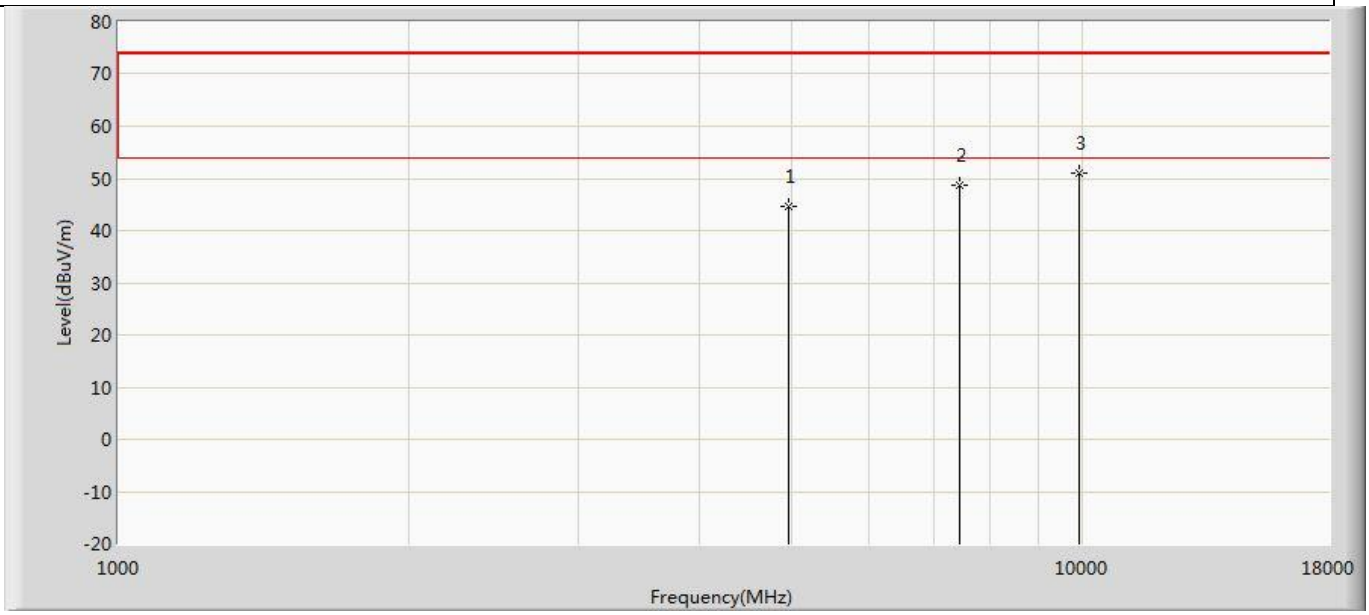
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.110	53.887	-30.890	74.000	-10.777	PK
2	*	7324.000	50.583	57.781	-23.417	74.000	-7.198	PK
3		9760.000	49.260	52.127	-24.740	74.000	-2.867	PK

Profile: 2510003R	Page No.: 40
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2：Transmit at 2440MHz by LE_2Mbps	



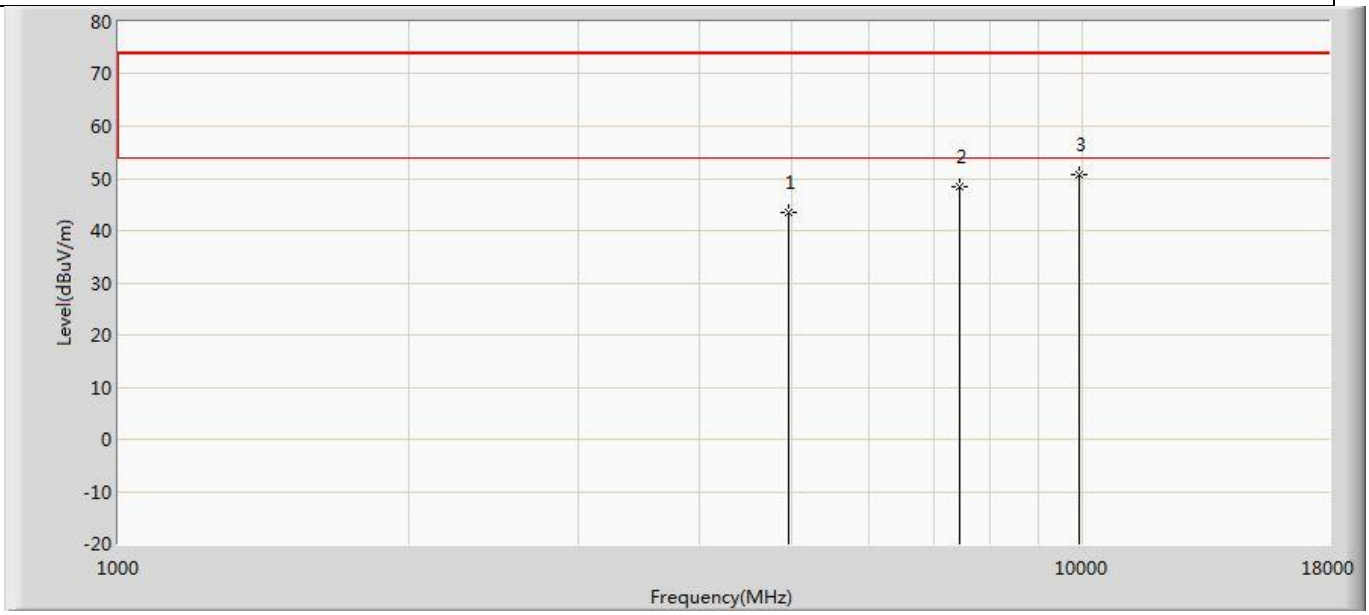
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.889	54.666	-30.111	74.000	-10.777	PK
2		7324.000	47.748	54.946	-26.252	74.000	-7.198	PK
3	*	9760.000	49.418	52.285	-24.582	74.000	-2.867	PK

Profile: 2510003R	Page No.: 41
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2：Transmit at 2480MHz by LE_2Mbps	



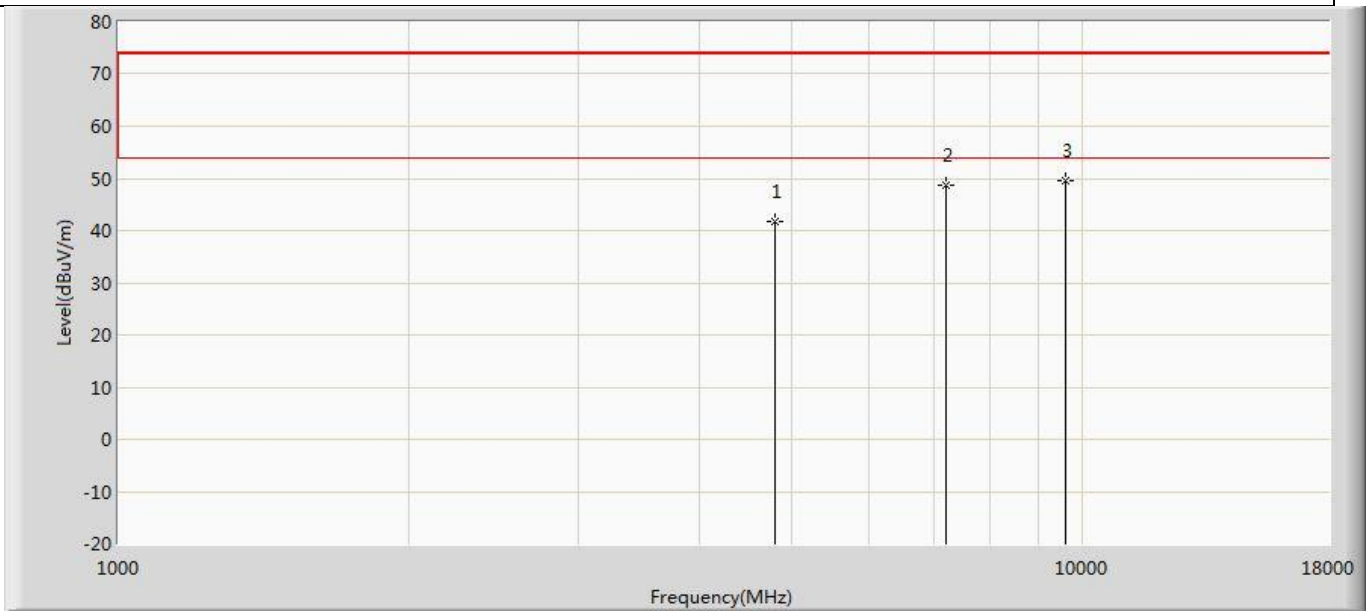
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.611	55.498	-29.389	74.000	-10.888	PK
2		7443.000	48.722	55.810	-25.278	74.000	-7.088	PK
3	*	9920.000	50.962	52.827	-23.038	74.000	-1.865	PK

Profile: 2510003R	Page No.: 42
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2：Transmit at 2480MHz by LE_2Mbps	



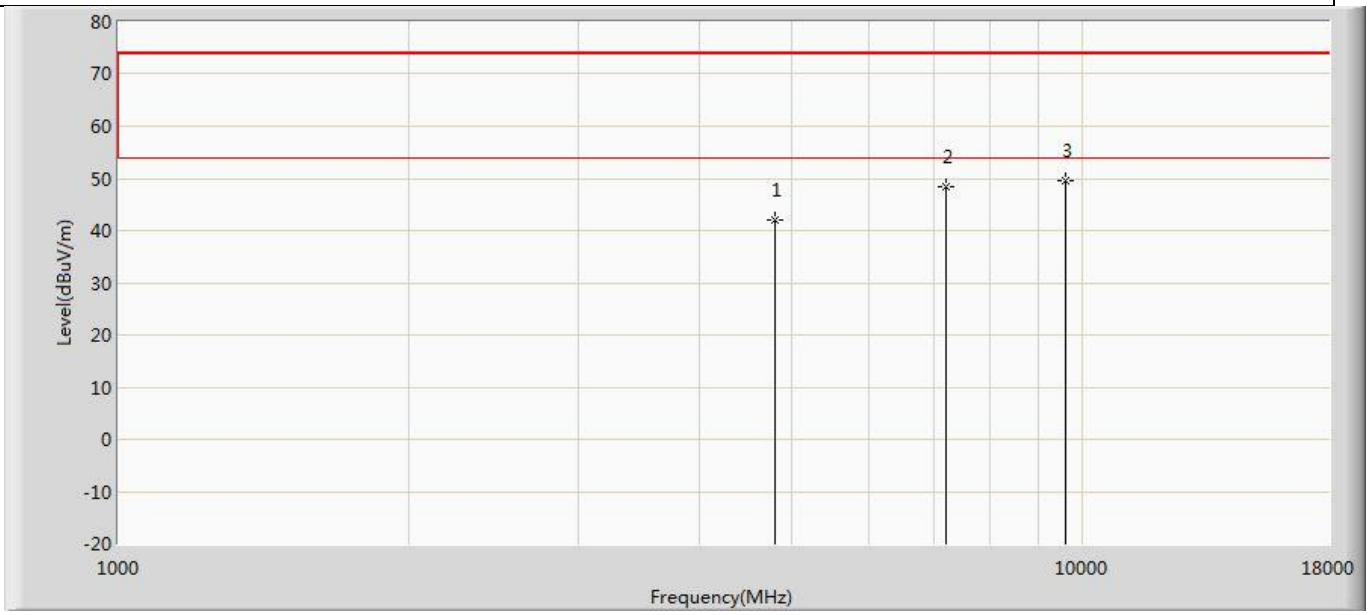
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.554	54.441	-30.446	74.000	-10.888	PK
2		7443.000	48.354	55.442	-25.646	74.000	-7.088	PK
3	*	9920.000	50.790	52.655	-23.210	74.000	-1.865	PK

Profile: 2510003R	Page No.: 43
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3：Transmit at 2402MHz by LE_Coded S=2	



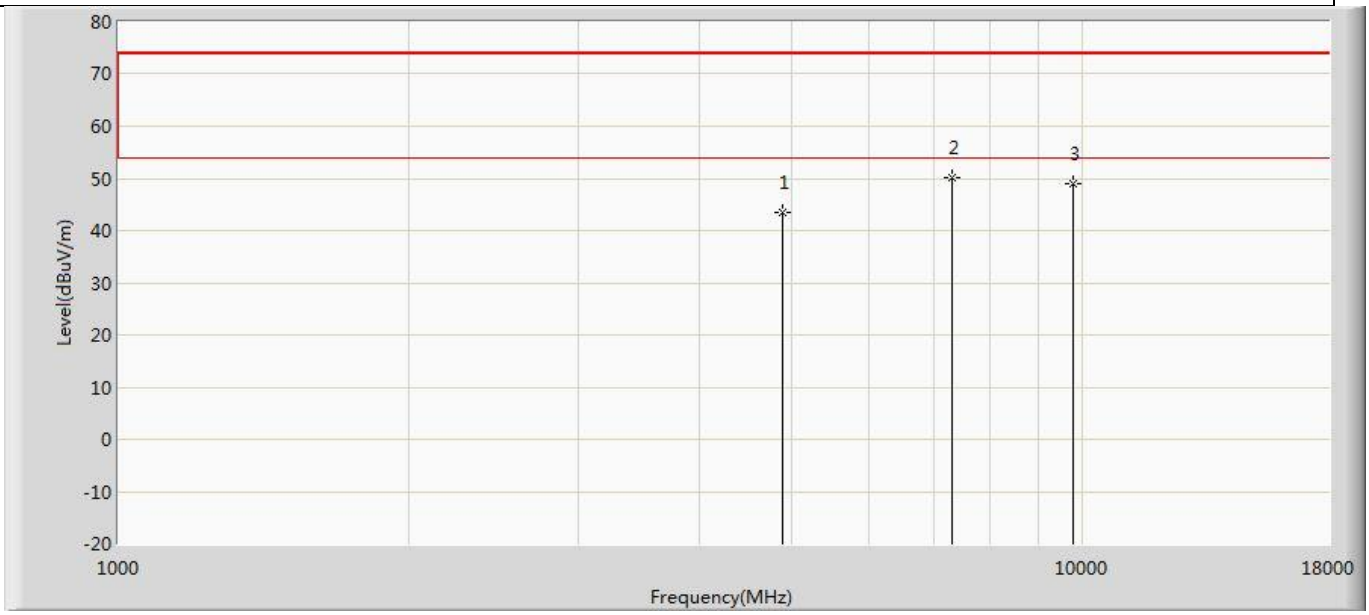
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.764	53.819	-32.236	74.000	-12.055	PK
2		7205.000	48.685	55.229	-25.315	74.000	-6.544	PK
3	*	9608.000	49.553	52.721	-24.447	74.000	-3.167	PK

Profile: 2510003R	Page No.: 44
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3：Transmit at 2402MHz by LE_Coded S=2	



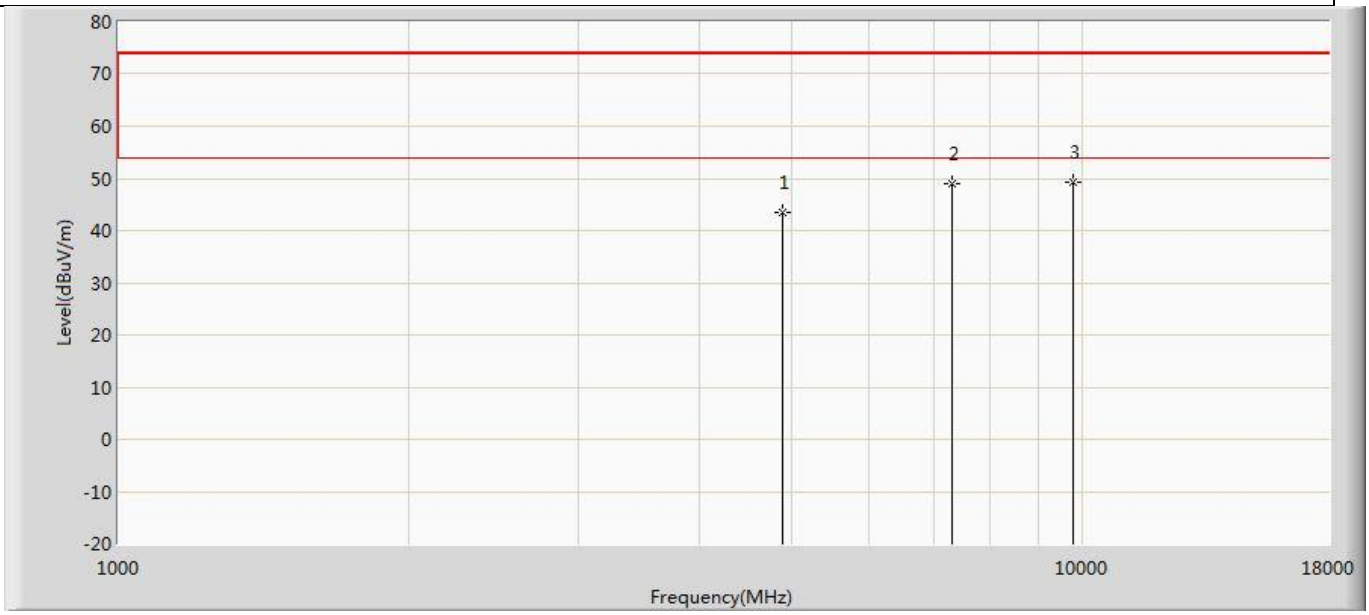
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.139	54.194	-31.861	74.000	-12.055	PK
2		7205.000	48.493	55.037	-25.507	74.000	-6.544	PK
3	*	9608.000	49.635	52.803	-24.365	74.000	-3.167	PK

Profile: 2510003R	Page No.: 45
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3：Transmit at 2440MHz by LE_Coded S=2	



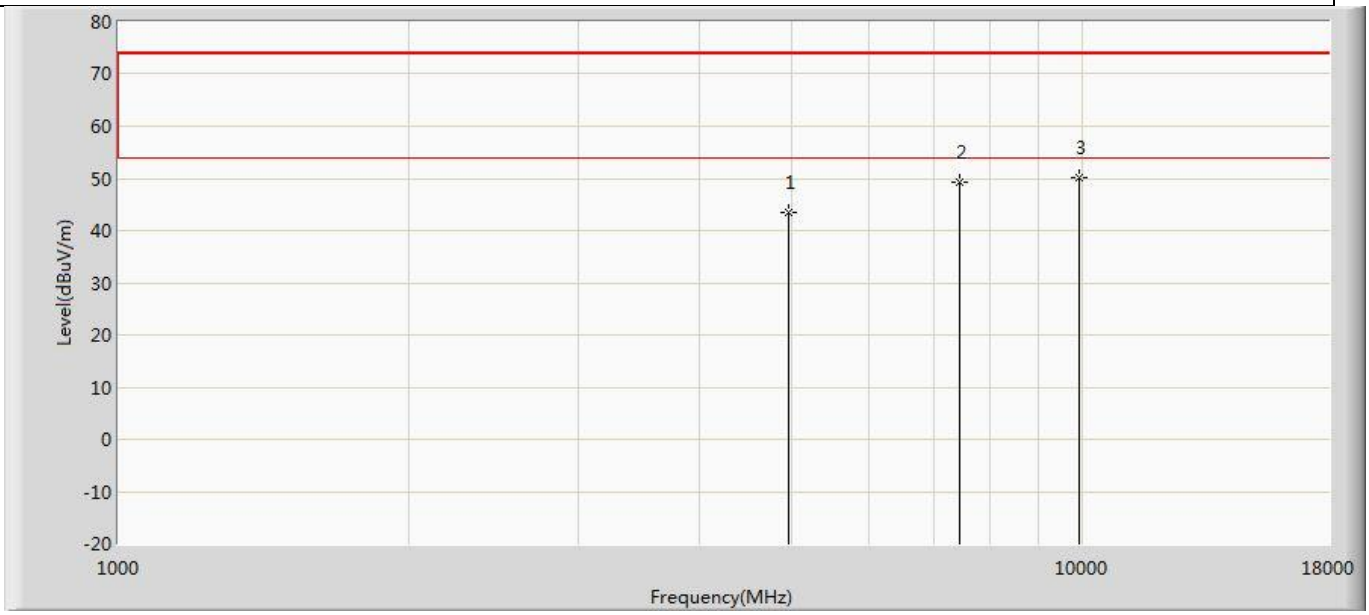
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.386	54.163	-30.614	74.000	-10.777	PK
2	*	7324.000	50.128	57.326	-23.872	74.000	-7.198	PK
3		9760.000	49.069	51.936	-24.931	74.000	-2.867	PK

Profile: 2510003R	Page No.: 46
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3：Transmit at 2440MHz by LE_Coded S=2	



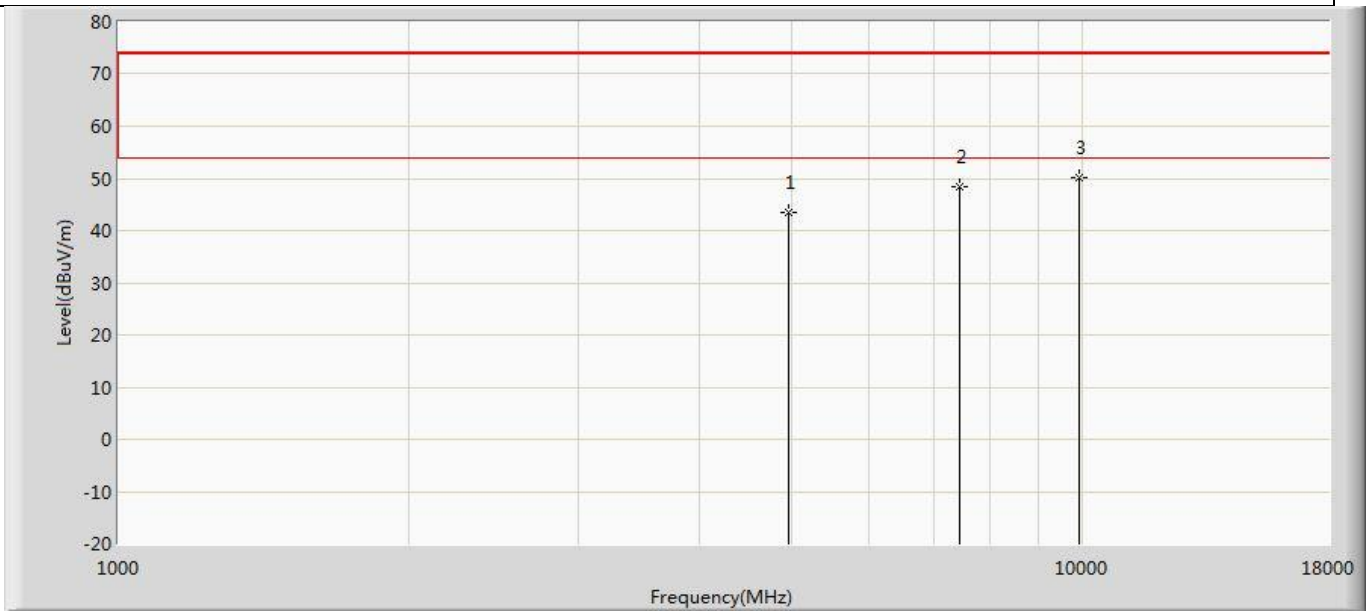
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.403	54.180	-30.597	74.000	-10.777	PK
2		7324.000	49.077	56.275	-24.923	74.000	-7.198	PK
3	*	9760.000	49.303	52.170	-24.697	74.000	-2.867	PK

Profile: 2510003R	Page No.: 47
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3：Transmit at 2480MHz by LE_Coded S=2	



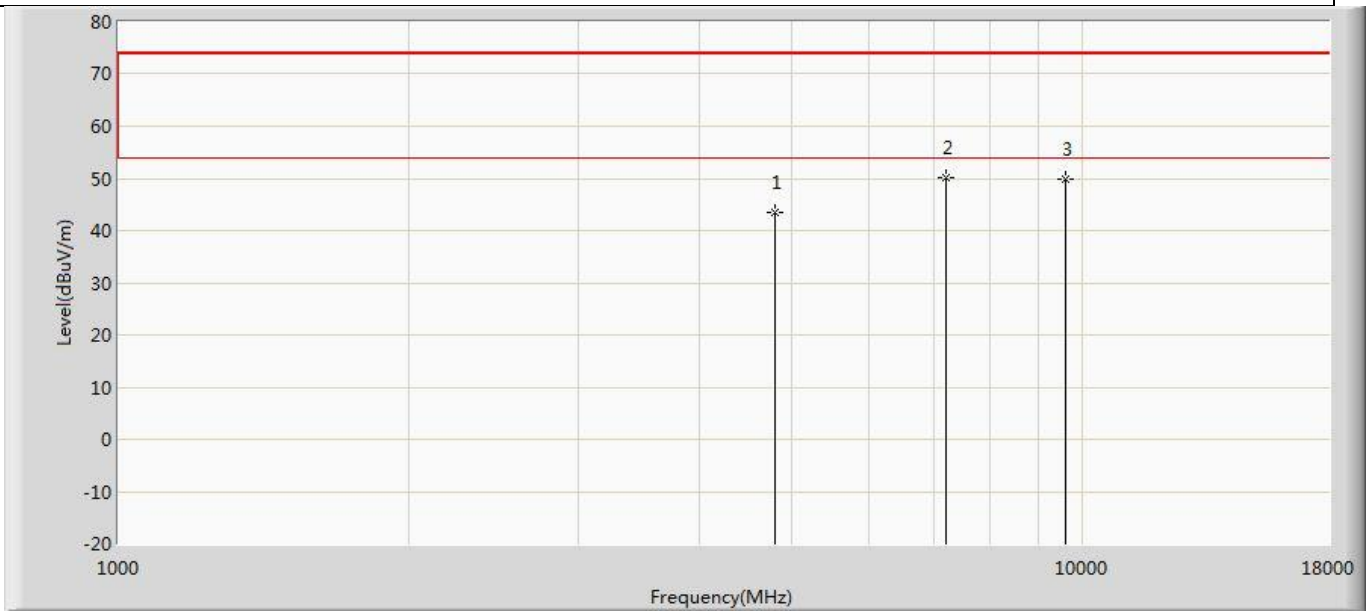
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.495	54.382	-30.505	74.000	-10.888	PK
2		7443.000	49.163	56.251	-24.837	74.000	-7.088	PK
3	*	9920.000	50.136	52.001	-23.864	74.000	-1.865	PK

Profile: 2510003R	Page No.: 48
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3：Transmit at 2480MHz by LE_Coded S=2	



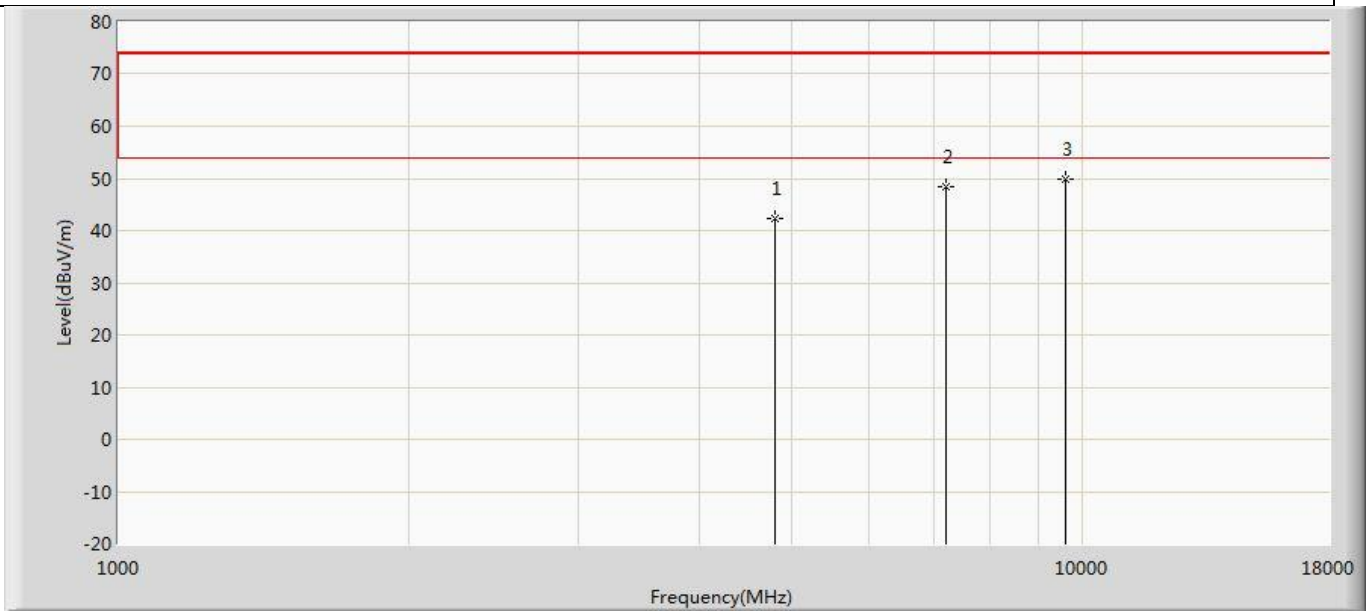
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.376	54.263	-30.624	74.000	-10.888	PK
2		7443.000	48.344	55.432	-25.656	74.000	-7.088	PK
3	*	9920.000	50.108	51.973	-23.892	74.000	-1.865	PK

Profile: 2510003R	Page No.: 49
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4：Transmit at 2402MHz by LE_Coded S=8	



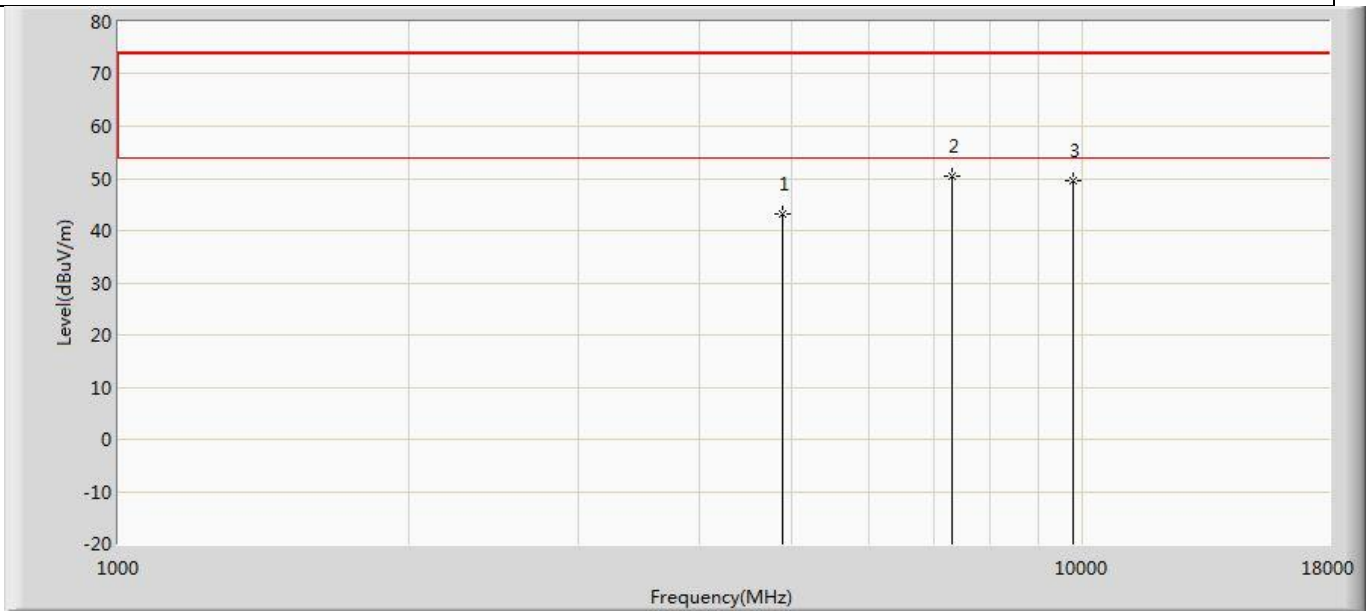
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	43.424	55.479	-30.576	74.000	-12.055	PK
2	*	7205.000	50.273	56.817	-23.727	74.000	-6.544	PK
3		9608.000	49.860	53.028	-24.140	74.000	-3.167	PK

Profile: 2510003R	Page No.: 50
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4：Transmit at 2402MHz by LE_Coded S=8	



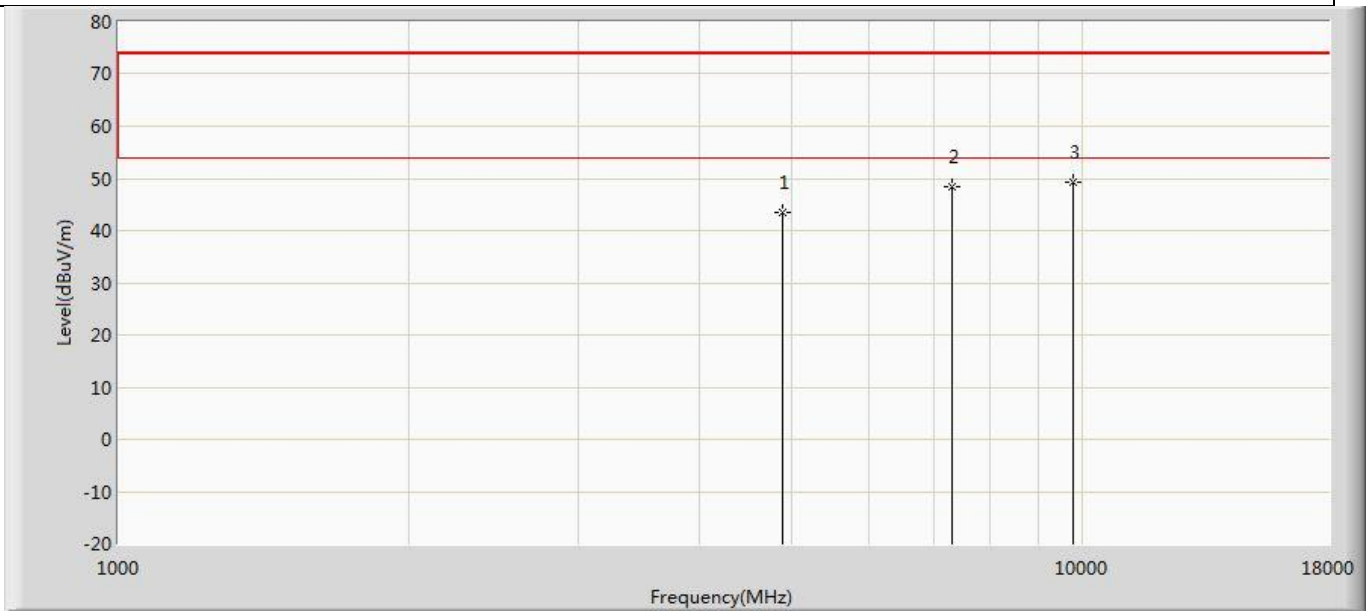
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.243	54.298	-31.757	74.000	-12.055	PK
2		7205.000	48.398	54.942	-25.602	74.000	-6.544	PK
3	*	9608.000	49.799	52.967	-24.201	74.000	-3.167	PK

Profile: 2510003R	Page No.: 51
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4：Transmit at 2440MHz by LE_Coded S=8	



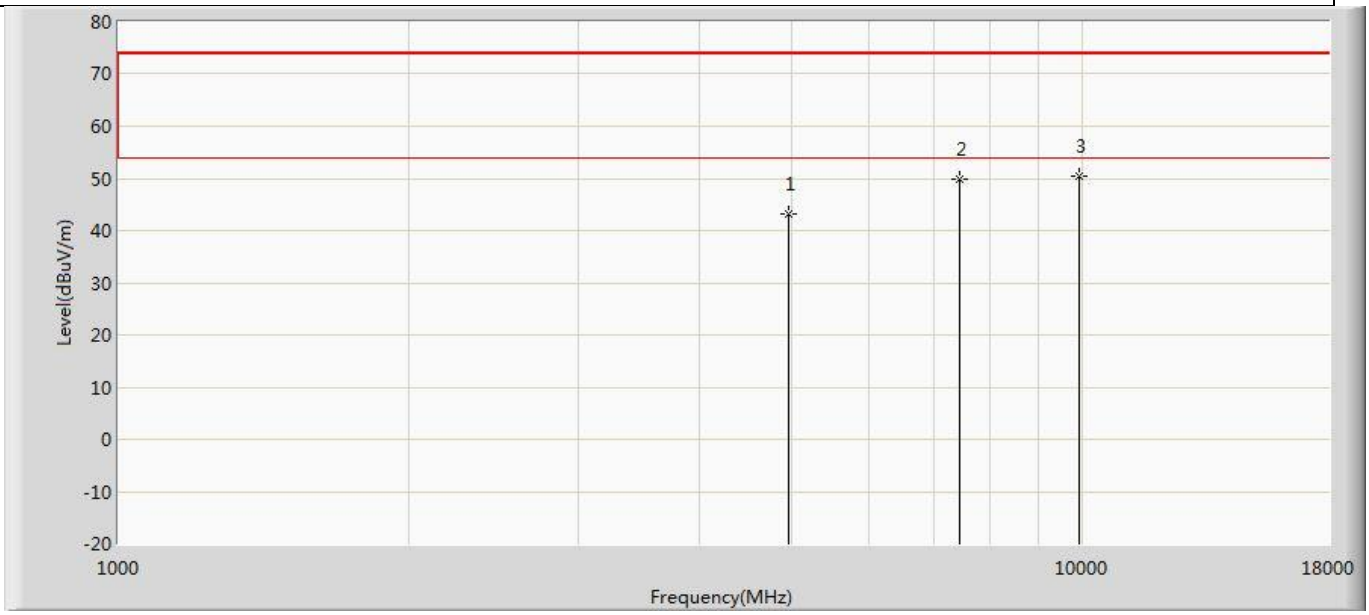
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.309	54.086	-30.691	74.000	-10.777	PK
2	*	7324.000	50.488	57.686	-23.512	74.000	-7.198	PK
3		9760.000	49.426	52.293	-24.574	74.000	-2.867	PK

Profile: 2510003R	Page No.: 52
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4：Transmit at 2440MHz by LE_Coded S=8	



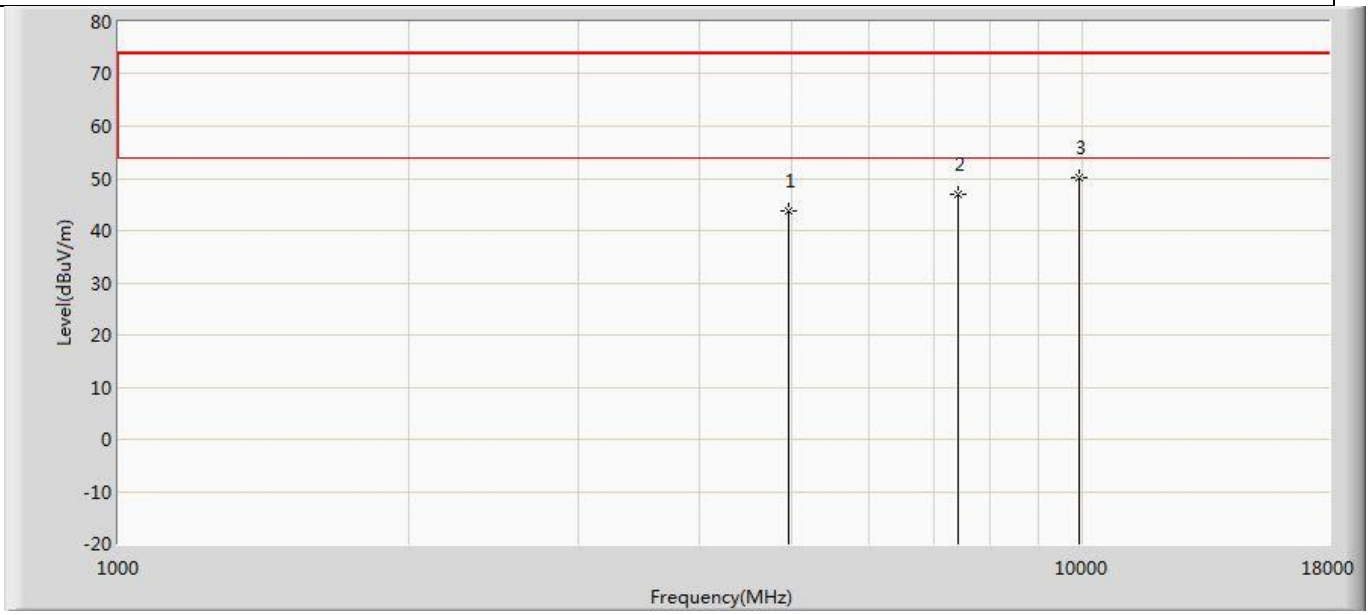
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.522	54.299	-30.478	74.000	-10.777	PK
2		7324.000	48.310	55.508	-25.690	74.000	-7.198	PK
3	*	9760.000	49.338	52.205	-24.662	74.000	-2.867	PK

Profile: 2510003R	Page No.: 53
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4：Transmit at 2480MHz by LE_Coded S=8	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.066	53.953	-30.934	74.000	-10.888	PK
2		7443.000	49.834	56.922	-24.166	74.000	-7.088	PK
3	*	9920.000	50.531	52.396	-23.469	74.000	-1.865	PK

Profile: 2510003R	Page No.: 54
Engineer: Yu Liu	
Site: AC5	Time: 2025/01/16 - 19:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4：Transmit at 2480MHz by LE_Coded S=8	

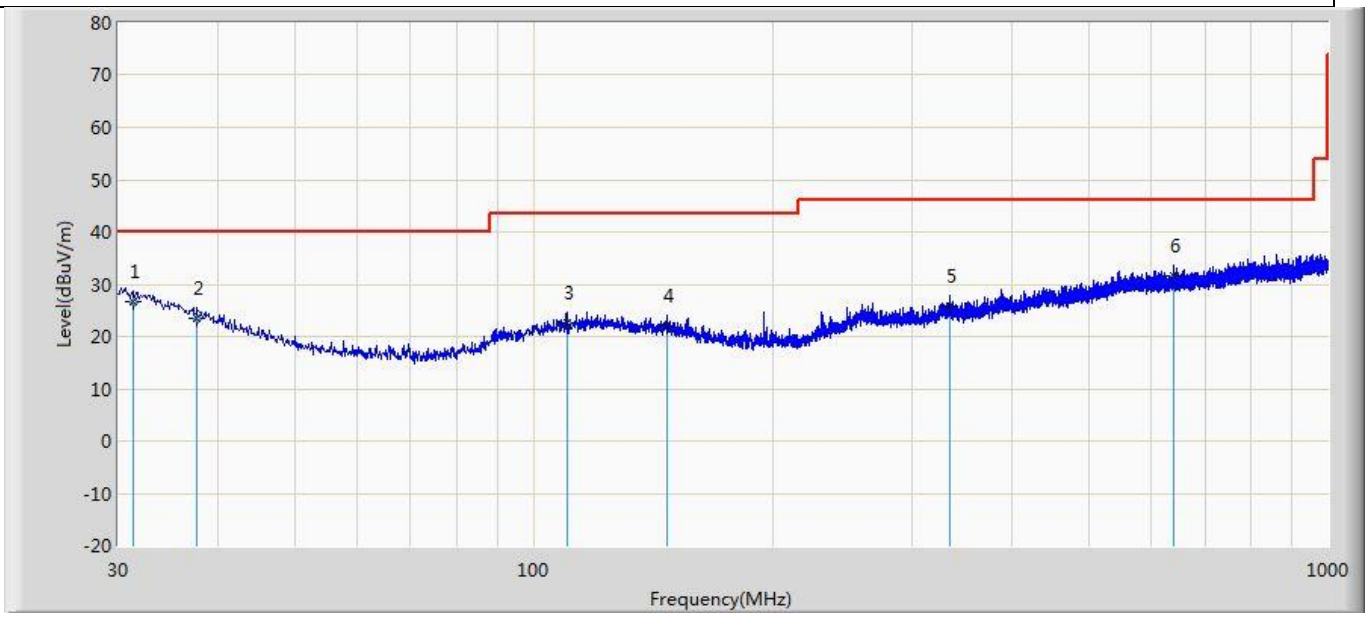


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.725	54.612	-30.275	74.000	-10.888	PK
2		7440.000	46.932	54.042	-27.068	74.000	-7.110	PK
3	*	9920.000	50.204	52.069	-23.796	74.000	-1.865	PK

Note:
1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
3. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.
4. If the test result on peak is lower than average limit, then average measurement needn't be performed.

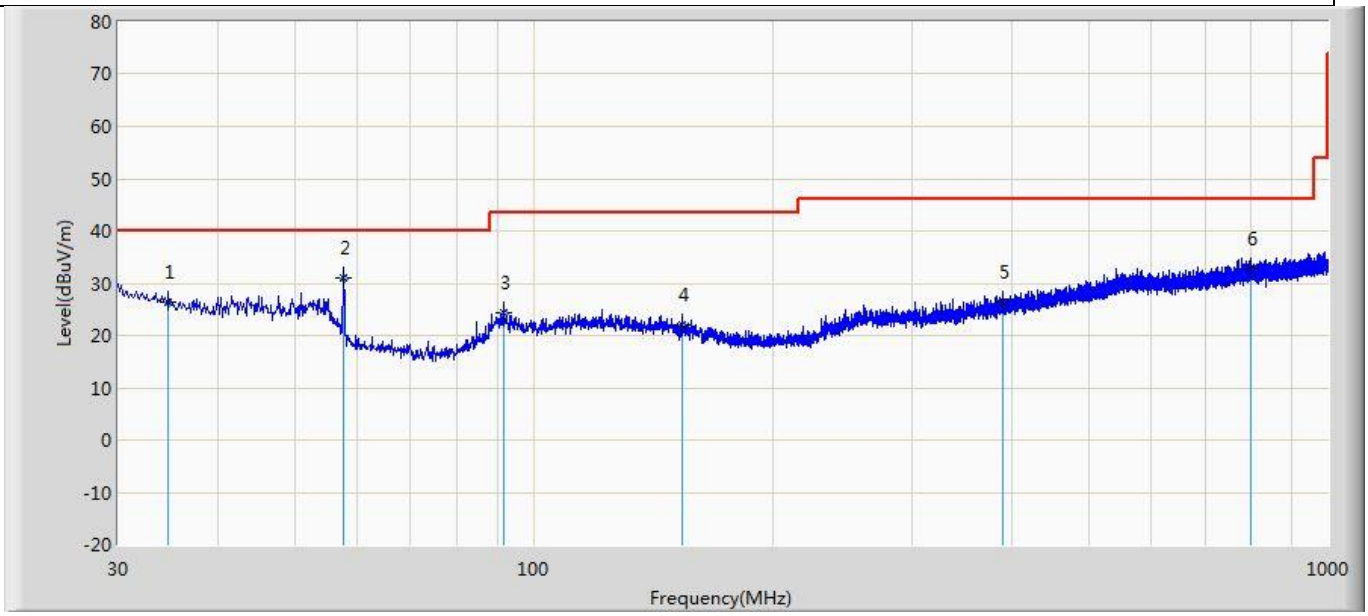
The worst case of Radiated Emission below 1GHz :

Profile: 2510003R	Page No.: 1
Engineer: Yu Liu	
Site: AC2	Time: 2025/01/16 - 19:29
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1：Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	31.334	26.615	2.364	-13.385	40.000	24.251	QP
2		37.760	23.591	2.787	-16.409	40.000	20.804	QP
3		110.146	22.628	3.592	-20.872	43.500	19.036	QP
4		147.249	22.125	4.469	-21.375	43.500	17.656	QP
5		334.944	25.876	4.315	-20.124	46.000	21.561	QP
6		640.857	31.707	4.315	-14.293	46.000	27.392	QP

Profile: 2510003R	Page No.: 2
Engineer: Yu Liu	
Site: AC2	Time: 2025/01/16 - 19:29
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1：Transmit at 2402MHz by LE_1Mbps	

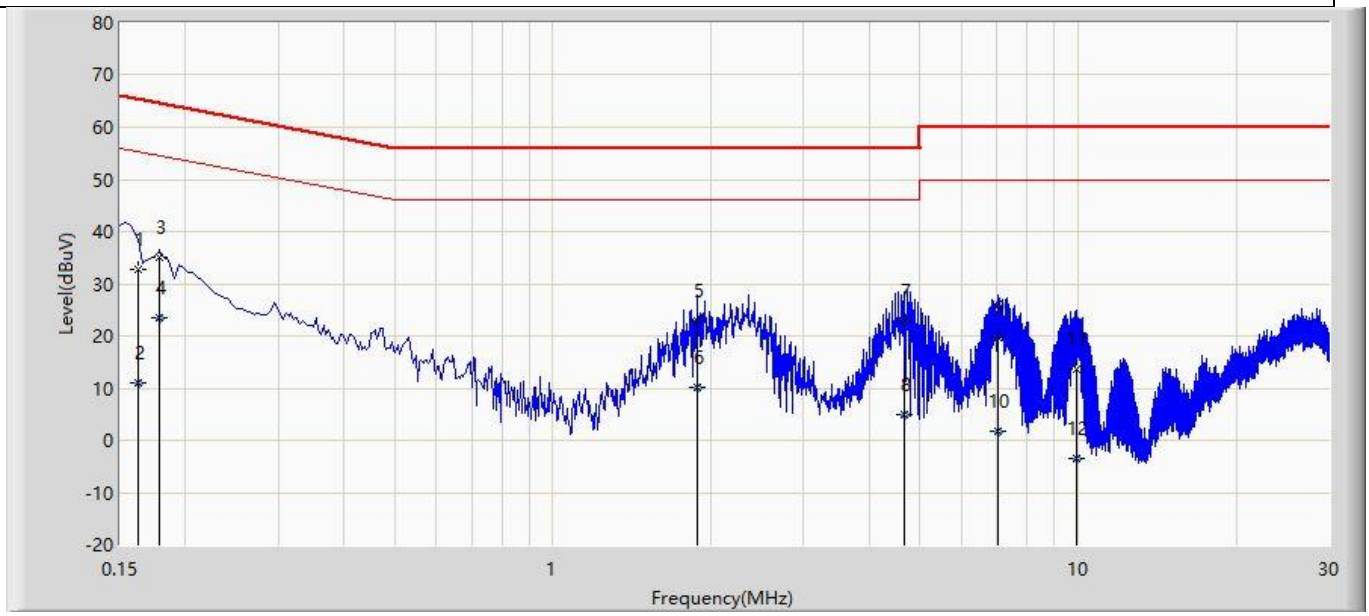


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		34.729	26.472	3.972	-13.528	40.000	22.500	QP
2	*	57.645	30.930	17.621	-9.070	40.000	13.309	QP
3		91.716	24.311	8.028	-19.189	43.500	16.283	QP
4		153.554	21.969	4.709	-21.531	43.500	17.260	QP
5		388.900	26.395	3.171	-19.605	46.000	23.224	QP
6		800.544	32.816	3.398	-13.184	46.000	29.418	QP

Note:
1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

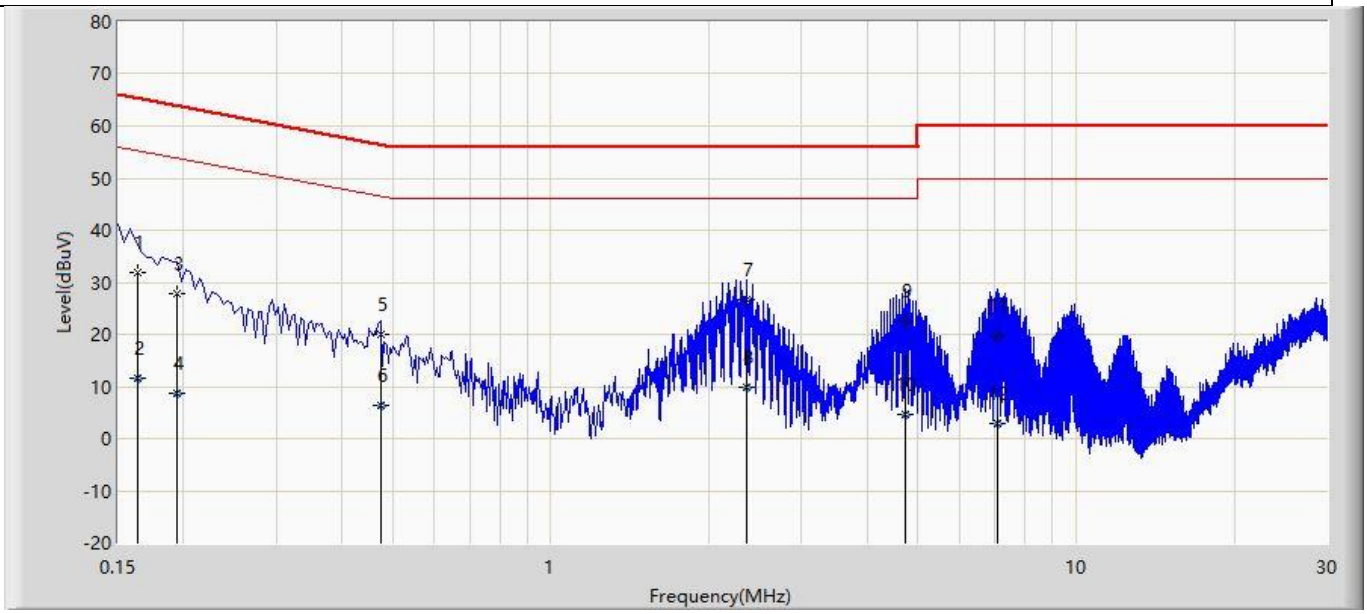
Appendix I: AC Power Line Conducted Emission

Profile: 2510003R	Page No.: 1
Engineer: Yu Liu	
Site: TR1	Time: 2025/01/16 - 19:40
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1：Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.162	32.674	23.050	-32.706	65.380	9.624	QP
2		0.162	11.066	1.441	-44.315	55.380	9.624	AV
3	*	0.178	34.947	25.324	-29.632	64.578	9.623	QP
4		0.178	23.342	13.719	-31.236	54.578	9.623	AV
5		1.886	22.939	13.247	-33.061	56.000	9.692	QP
6		1.886	10.025	0.333	-35.975	46.000	9.692	AV
7		4.662	22.901	13.148	-33.099	56.000	9.753	QP
8		4.662	5.046	-4.707	-40.954	46.000	9.753	AV
9		7.022	19.663	9.846	-40.337	60.000	9.817	QP
10		7.022	1.732	-8.085	-48.268	50.000	9.817	AV
11		9.918	13.662	3.793	-46.338	60.000	9.869	QP
12		9.918	-3.346	-13.215	-53.346	50.000	9.869	AV

Profile: 2510003R	Page No.: 2
Engineer: Yu Liu	
Site: TR1	Time: 2025/01/16 - 19:43
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1：Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.163	31.914	22.284	-33.397	65.311	9.630	QP
2		0.163	11.697	2.066	-43.615	55.311	9.630	AV
3		0.194	27.777	18.145	-36.086	63.864	9.632	QP
4		0.194	8.570	-1.062	-45.294	53.864	9.632	AV
5		0.474	20.054	10.409	-36.390	56.444	9.645	QP
6		0.474	6.345	-3.300	-40.098	46.444	9.645	AV
7	*	2.362	26.534	16.826	-29.466	56.000	9.707	QP
8		2.362	9.744	0.036	-36.256	46.000	9.707	AV
9		4.726	22.675	12.910	-33.325	56.000	9.765	QP
10		4.726	4.695	-5.070	-41.305	46.000	9.765	AV
11		7.090	19.581	9.762	-40.419	60.000	9.819	QP
12		7.090	2.805	-7.014	-47.195	50.000	9.819	AV

Note:
1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

The End