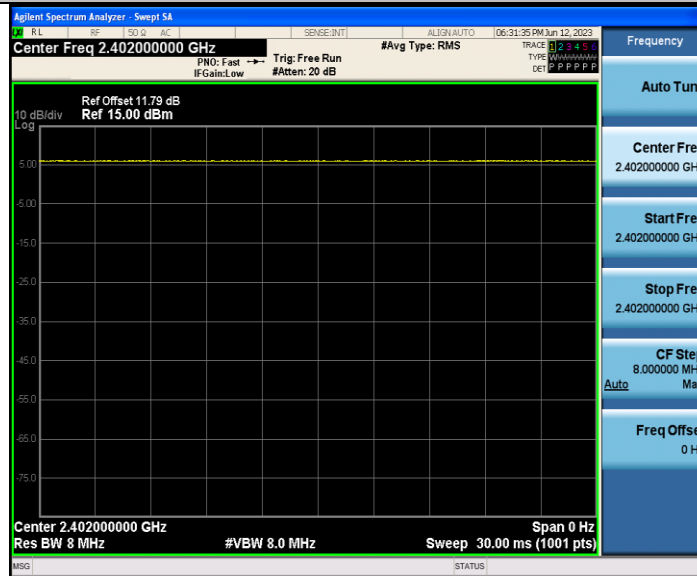


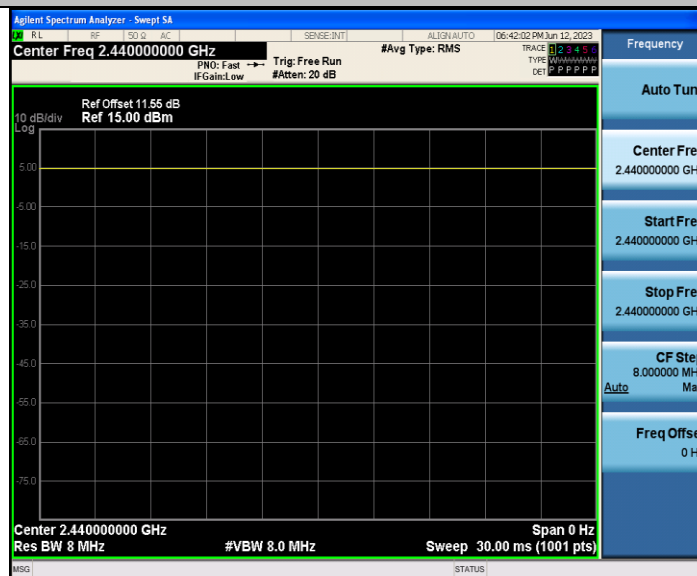
Appendix G: Duty Cycle

TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	2402	0.00	0.00	100	N/A
	2440	0.00	0.00	100	N/A
	2480	0.00	0.00	100	N/A

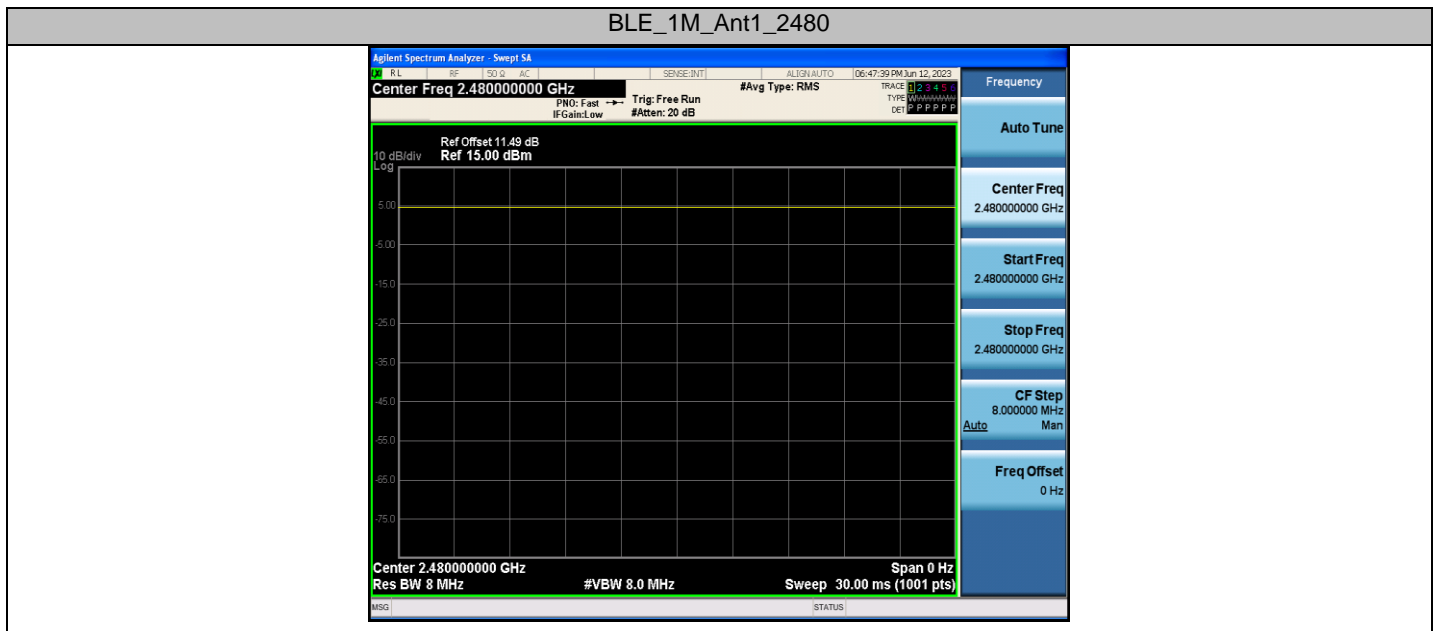
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

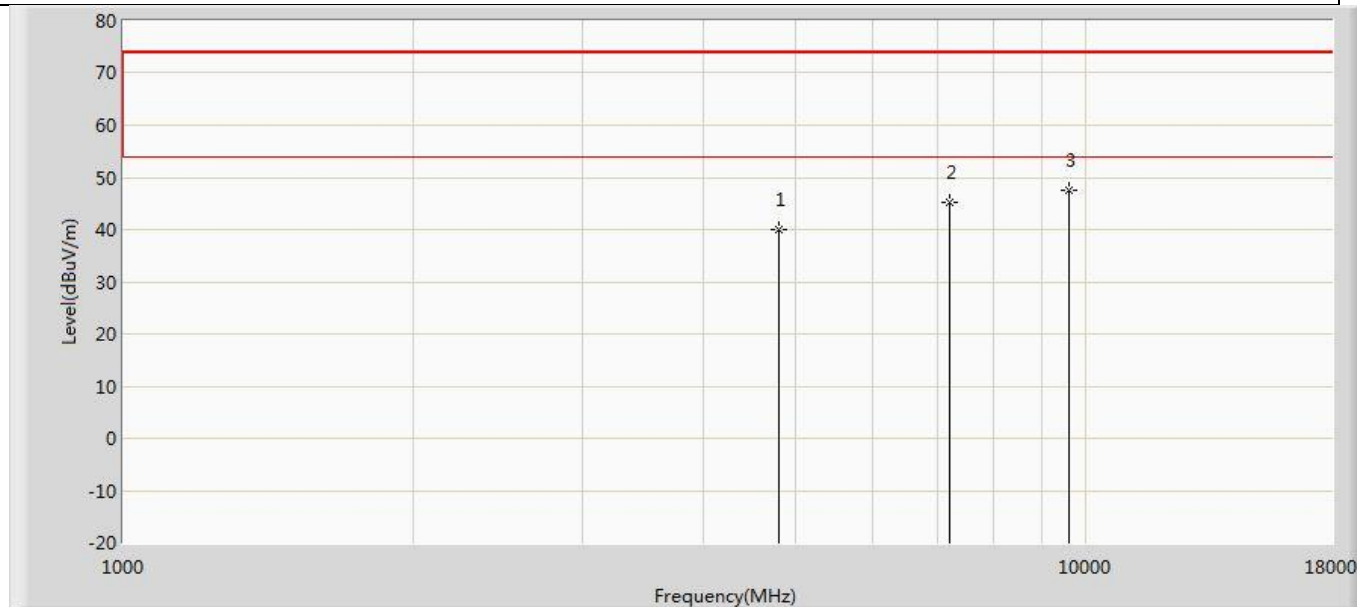


BLE_1M_Ant1_2480



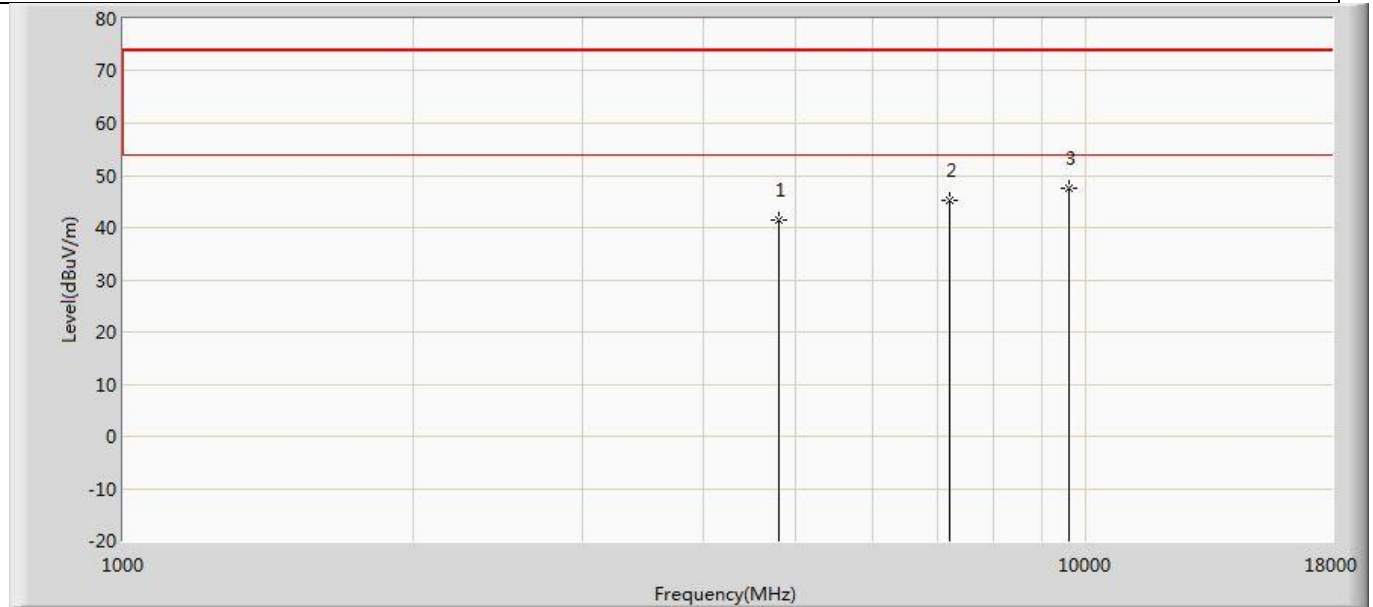
Appendix H: Emissions in Restricted Bands

Profile: 2340774R	Page No.: 7
Engineer: Yuliu	
Site: AC5	Time: 2023/05/22 - 22:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 50 Hz
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



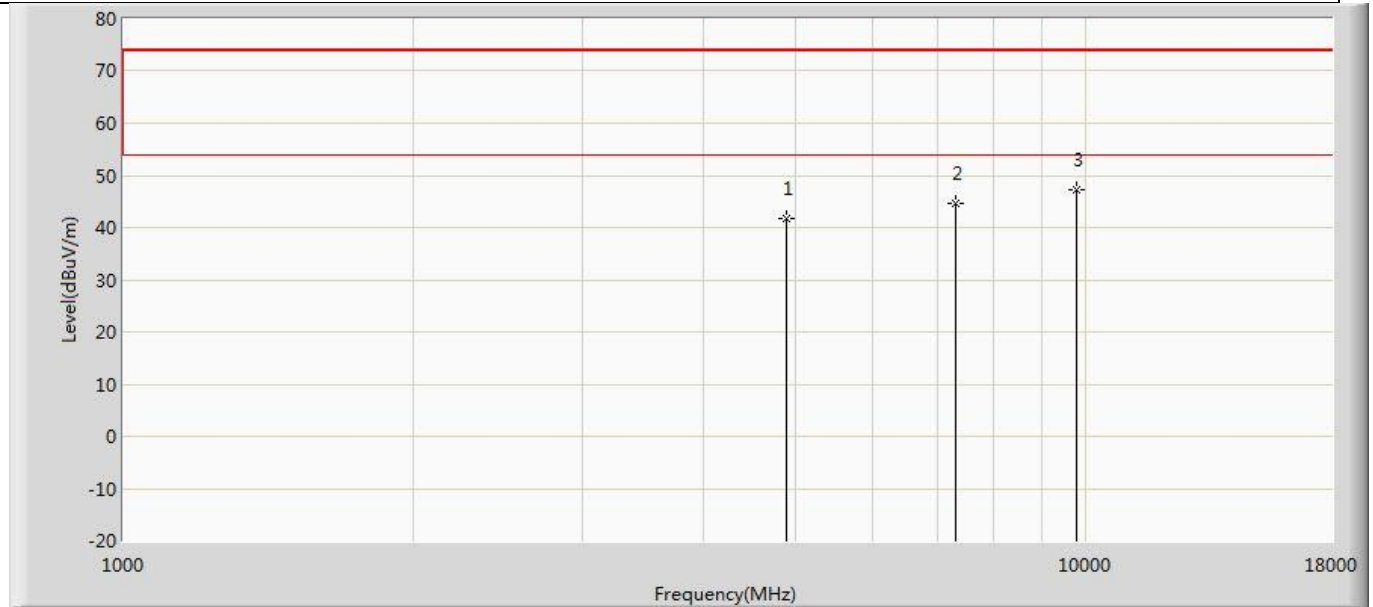
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.875	54.542	-34.125	74.000	-14.666	PK
2		7206.000	45.099	54.815	-28.901	74.000	-9.716	PK
3	*	9608.000	47.635	53.270	-26.365	74.000	-5.635	PK

Profile: 2340774R	Page No.: 8
Engineer: Yuliu	
Site: AC5	Time: 2023/05/22 - 22:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 50 Hz
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



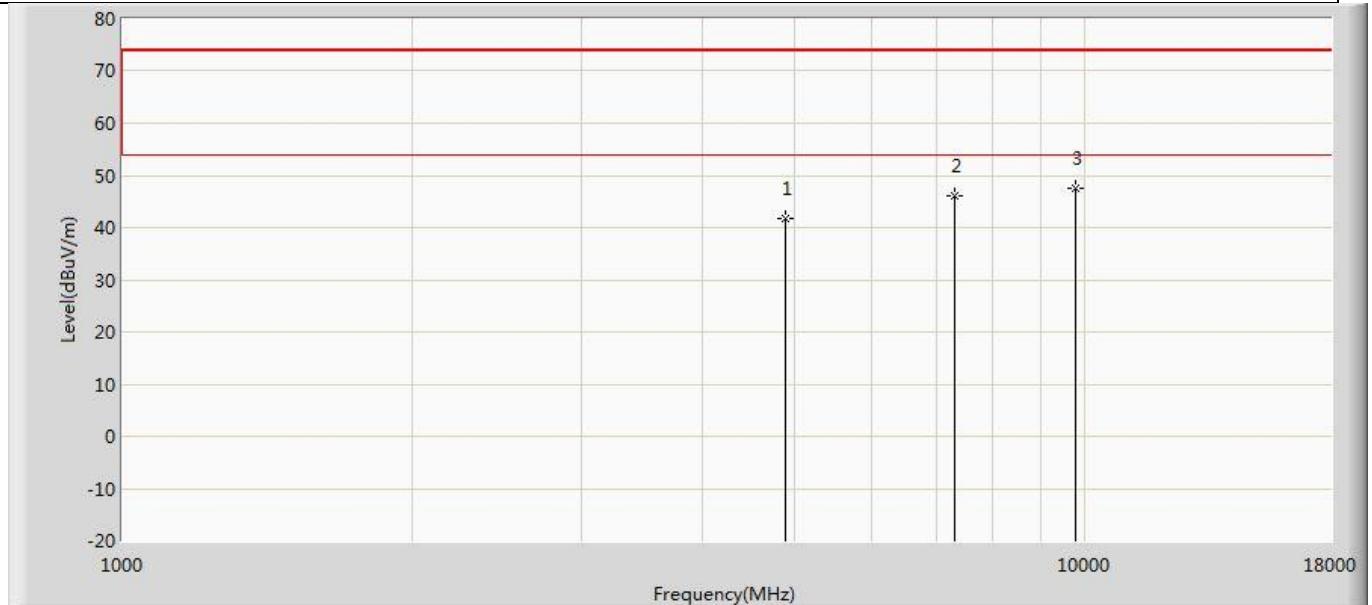
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.368	56.035	-32.632	74.000	-14.666	PK
2		7206.000	45.096	54.812	-28.904	74.000	-9.716	PK
3	*	9608.000	47.552	53.187	-26.448	74.000	-5.635	PK

Profile: 2340774R	Page No.: 9
Engineer: Yuliu	
Site: AC5	Time: 2023/05/22 - 22:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 50 Hz
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



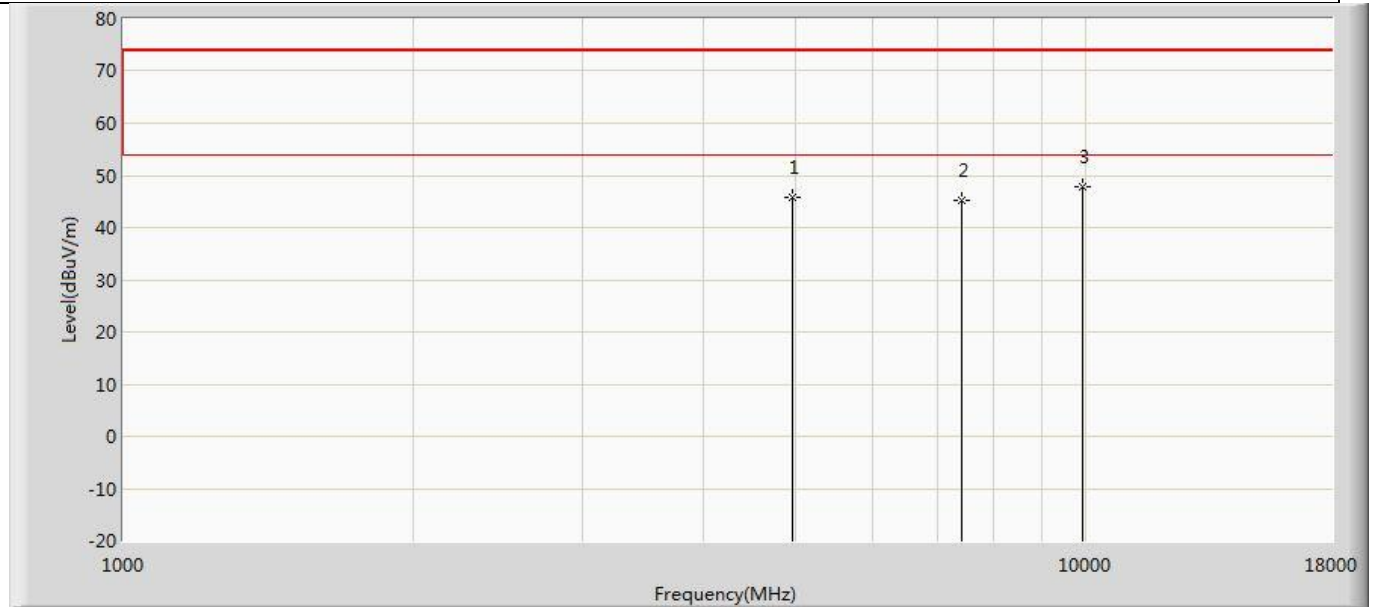
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	41.788	56.082	-32.212	74.000	-14.294	PK
2		7320.000	44.719	54.452	-29.281	74.000	-9.733	PK
3	*	9760.000	47.152	52.703	-26.848	74.000	-5.550	PK

Profile: 2340774R	Page No.: 10
Engineer: Yuliu	
Site: AC5	Time: 2023/05/22 - 22:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 50 Hz
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



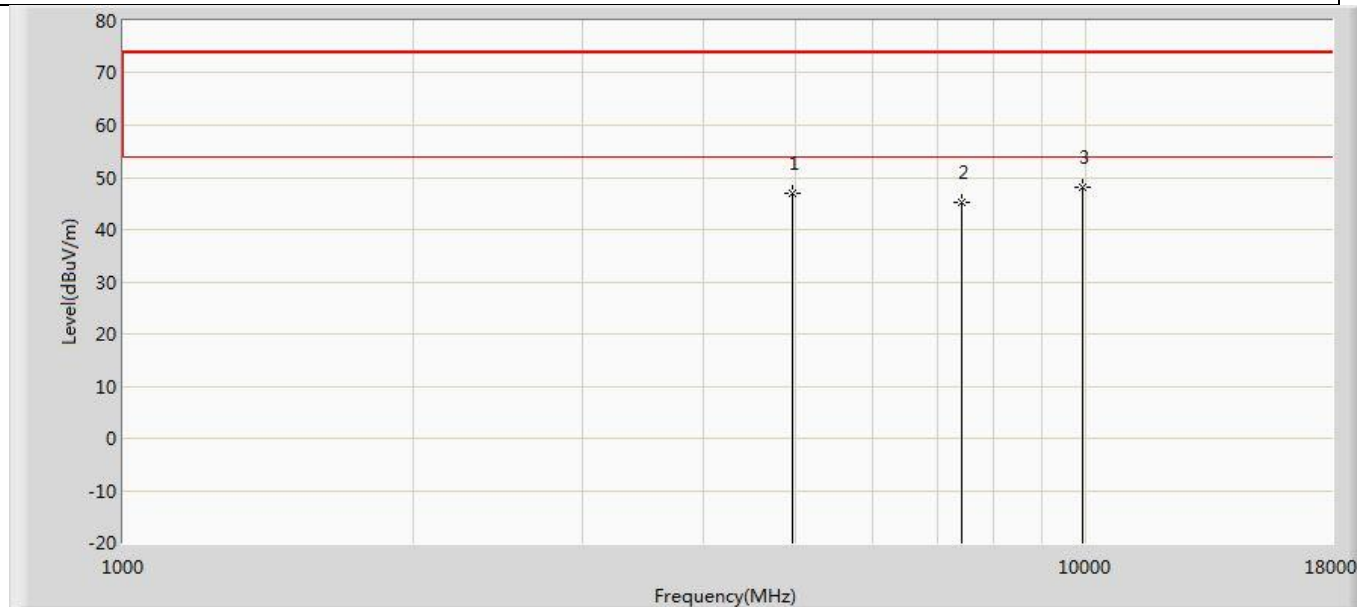
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	41.855	56.149	-32.145	74.000	-14.294	PK
2		7324.000	46.152	55.878	-27.848	74.000	-9.726	PK
3	*	9760.000	47.489	53.040	-26.511	74.000	-5.550	PK

Profile: 2340774R	Page No.: 11
Engineer: Yuliu	
Site: AC5	Time: 2023/05/22 - 22:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 50 Hz
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4961.000	45.885	60.018	-28.115	74.000	-14.133	PK
2		7440.000	45.155	54.517	-28.845	74.000	-9.362	PK
3	*	9920.000	47.789	52.701	-26.211	74.000	-4.912	PK

Profile: 2340774R	Page No.: 12
Engineer: Yuliu	
Site: AC5	Time: 2023/05/22 - 22:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 50 Hz
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



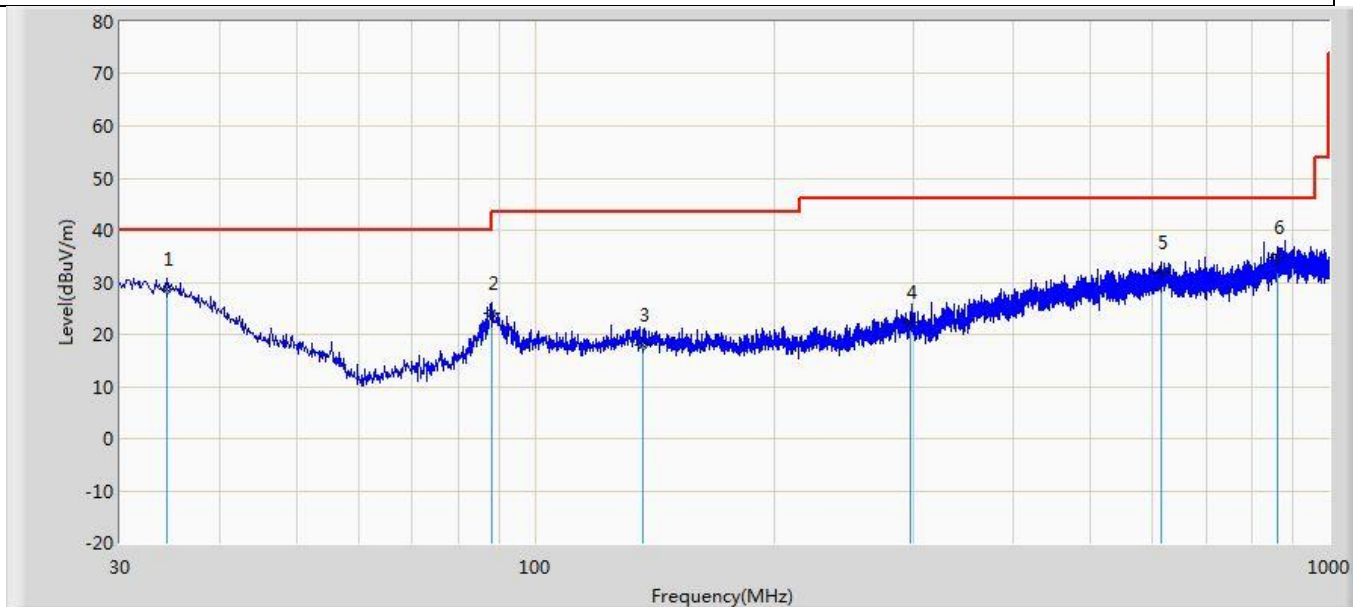
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4961.000	46.892	61.025	-27.108	74.000	-14.133	PK
2		7440.000	45.129	54.491	-28.871	74.000	-9.362	PK
3	*	9920.000	47.995	52.907	-26.005	74.000	-4.912	PK

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. This limit applies for using average detector, 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: 2340774R	Page No.: 189
Engineer: Yuliu	
Site: AC3	Time: 2023/05/17 - 02:59
Limit: FCC_Part 15.209_RE (3m)	Margin: 0
Probe: AC3_3M (30-1000M)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	

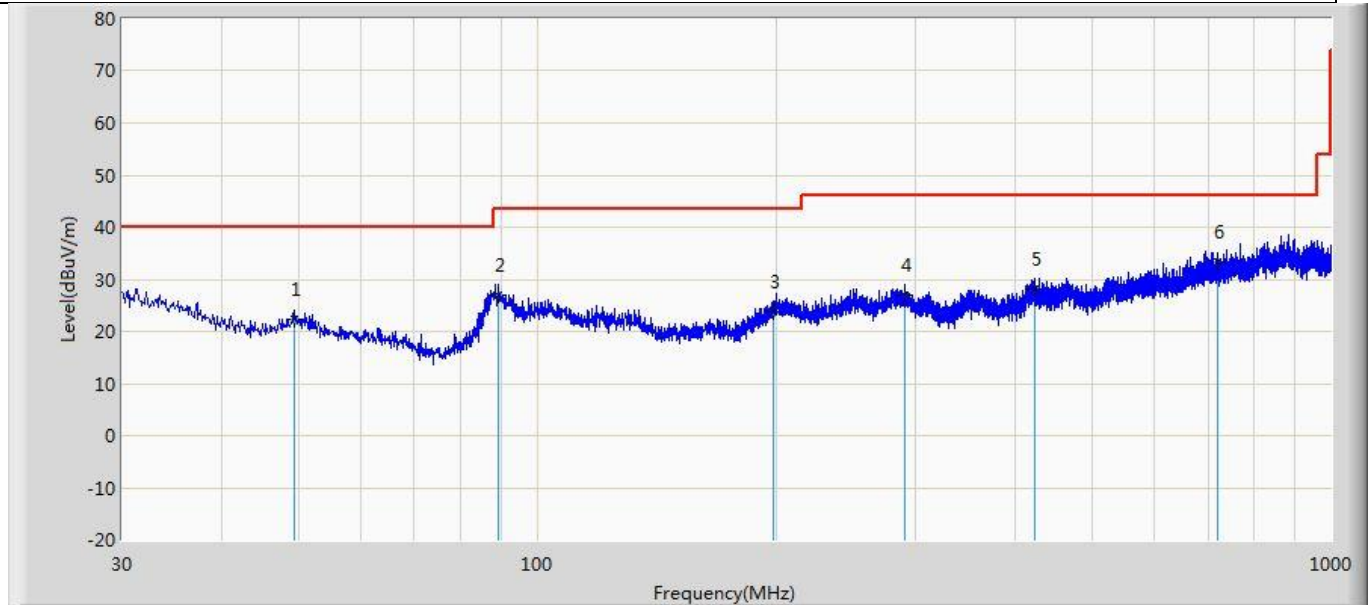


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		34.365	28.638	1.586	-11.362	40.000	27.052	QP
2		88.321	24.145	10.313	-19.355	43.500	13.832	QP
3		136.821	18.027	0.388	-25.473	43.500	17.638	QP
4		297.599	22.346	1.796	-23.654	46.000	20.550	QP
5		615.516	31.865	1.988	-14.135	46.000	29.876	QP
6	*	862.260	34.683	2.152	-11.317	46.000	32.531	QP

Note:

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

Profile: 2340774R	Page No.: 190
Engineer: Yuliu	
Site: AC3	Time: 2023/05/17 - 03:02
Limit: FCC_Part 15.209_RE (3m)_	Margin: 0
Probe: AC3_3M (30-1000M)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



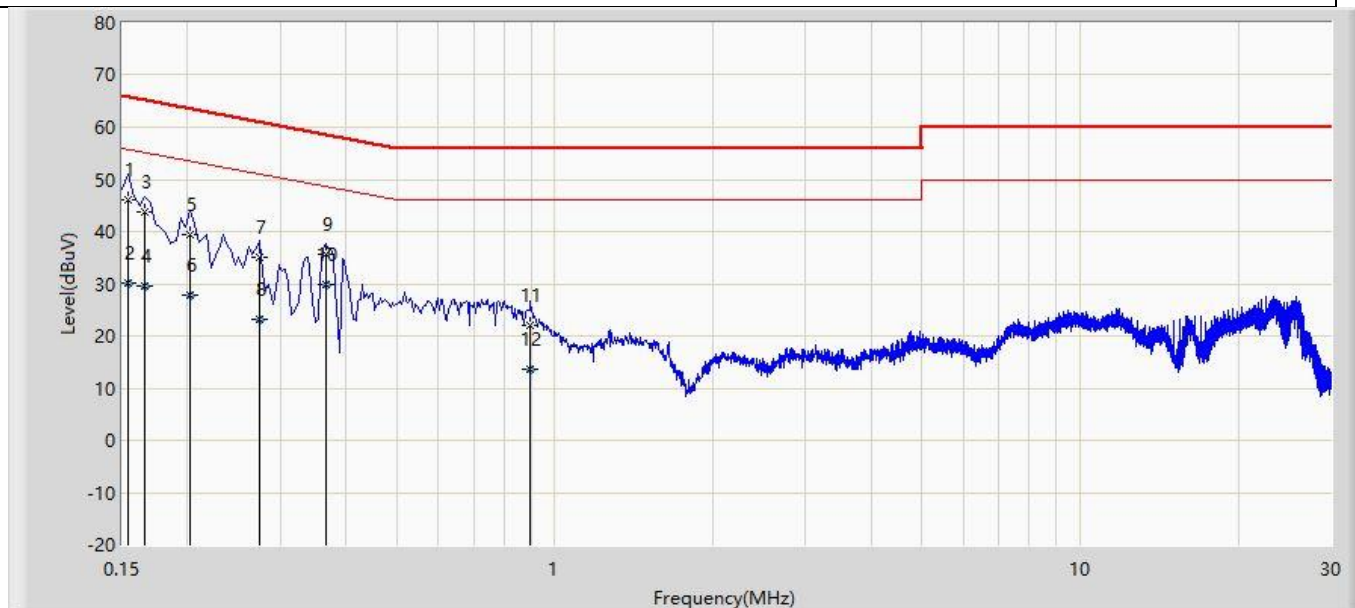
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		49.400	22.178	2.778	-17.822	40.000	19.400	QP
2		89.412	27.036	10.231	-16.464	43.500	16.805	QP
3		198.538	23.911	0.822	-19.589	43.500	23.088	QP
4		291.051	27.052	2.521	-18.948	46.000	24.531	QP
5		423.092	28.206	1.881	-17.794	46.000	26.325	QP
6	*	720.883	33.190	2.486	-12.810	46.000	30.704	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: 2340774R	Page No.: 3
Engineer: Yuliu	
Site: TR1	Time: 2023/05/22 - 15:04
Limit: FCC-15.207	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Neutral
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1	

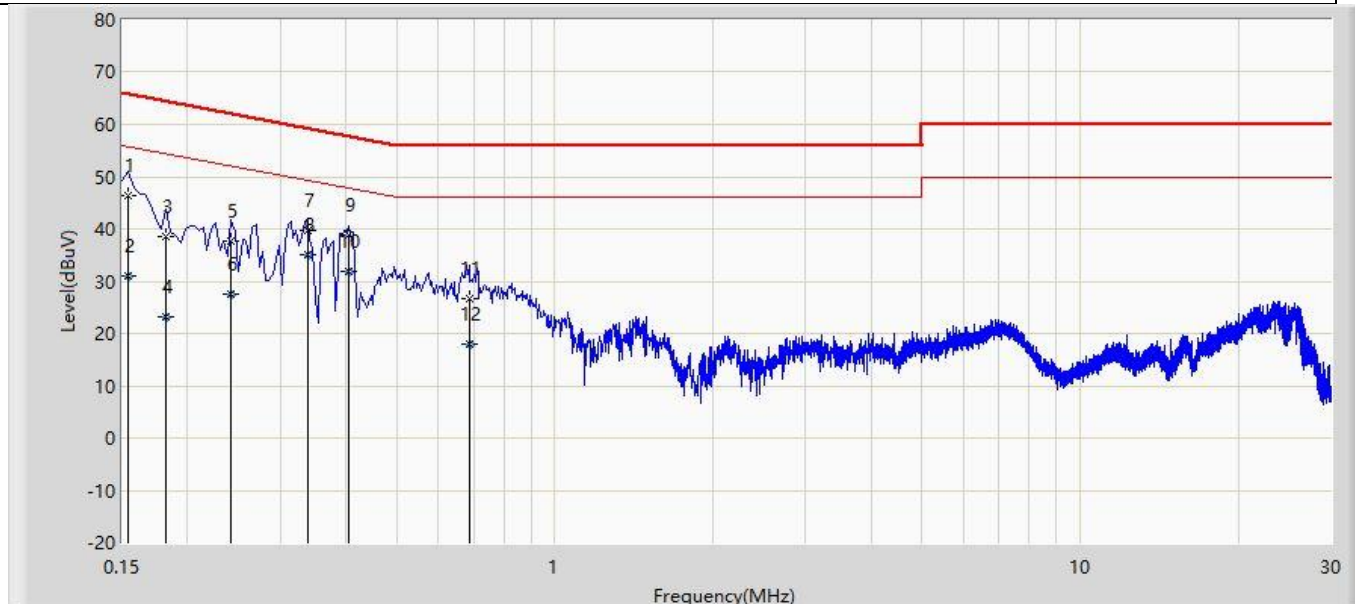


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.154	46.167	36.598	-19.615	65.781	9.540	0.028	0.000	QP
2		0.154	30.021	20.453	-25.760	55.781	9.540	0.028	0.000	AV
3		0.166	43.733	34.161	-21.425	65.158	9.543	0.029	0.000	QP
4		0.166	29.599	20.027	-25.559	55.158	9.543	0.029	0.000	AV
5		0.202	39.400	29.823	-24.128	63.528	9.550	0.027	0.000	QP
6		0.202	27.734	18.157	-25.794	53.528	9.550	0.027	0.000	AV
7		0.274	35.138	25.547	-25.858	60.996	9.558	0.033	0.000	QP
8		0.274	23.317	13.726	-27.679	50.996	9.558	0.033	0.000	AV
9		0.366	35.765	26.169	-22.827	58.591	9.567	0.028	0.000	QP
10	*	0.366	29.728	20.133	-18.863	48.591	9.567	0.028	0.000	AV
11		0.898	21.956	12.325	-34.044	56.000	9.587	0.044	0.000	QP
12		0.898	13.569	3.939	-32.431	46.000	9.587	0.044	0.000	AV

Note:

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

Profile: 2340774R	Page No.: 4
Engineer: Yuliu	
Site: TR1	Time: 2023/05/22 - 15:07
Limit: FCC-15.207	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Line
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.154	46.510	36.932	-19.271	65.781	9.550	0.028	0.000	QP
2		0.154	31.051	21.472	-24.731	55.781	9.550	0.028	0.000	AV
3		0.182	38.431	28.844	-25.963	64.394	9.557	0.030	0.000	QP
4		0.182	23.072	13.486	-31.322	54.394	9.557	0.030	0.000	AV
5		0.242	37.592	27.998	-24.435	62.027	9.563	0.031	0.000	QP
6		0.242	27.623	18.029	-24.404	52.027	9.563	0.031	0.000	AV
7		0.338	39.678	30.077	-19.574	59.252	9.569	0.033	0.000	QP
8	*	0.338	34.964	25.362	-14.288	49.252	9.569	0.033	0.000	AV
9		0.406	38.789	29.171	-18.941	57.730	9.573	0.044	0.000	QP
10		0.406	31.985	22.367	-15.745	47.730	9.573	0.044	0.000	AV
11		0.686	26.591	16.947	-29.409	56.000	9.589	0.055	0.000	QP
12		0.686	18.059	8.415	-27.941	46.000	9.589	0.055	0.000	AV

Note:

1. " * ", means this data is the worst emission level.

2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

The End