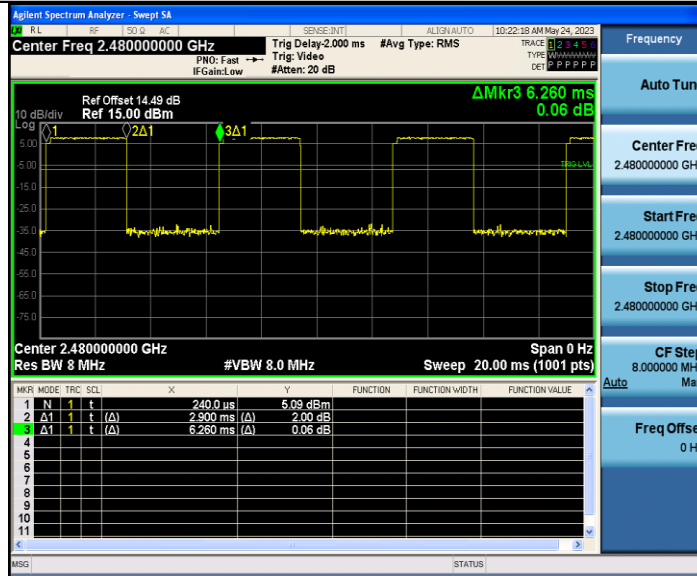
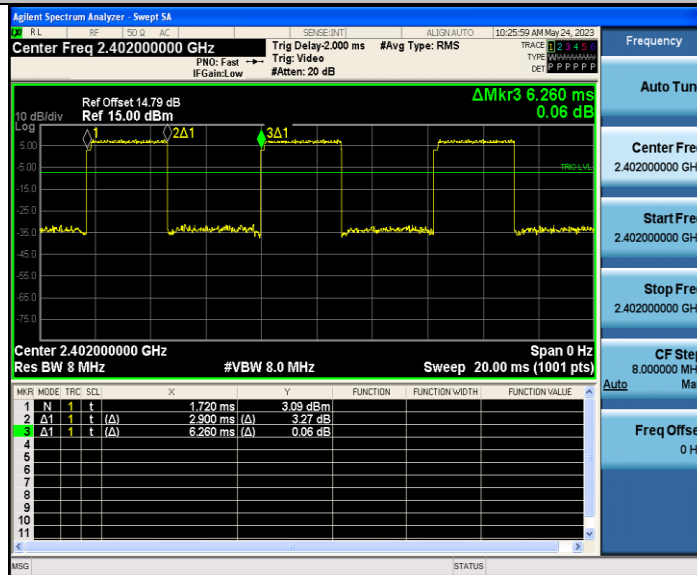


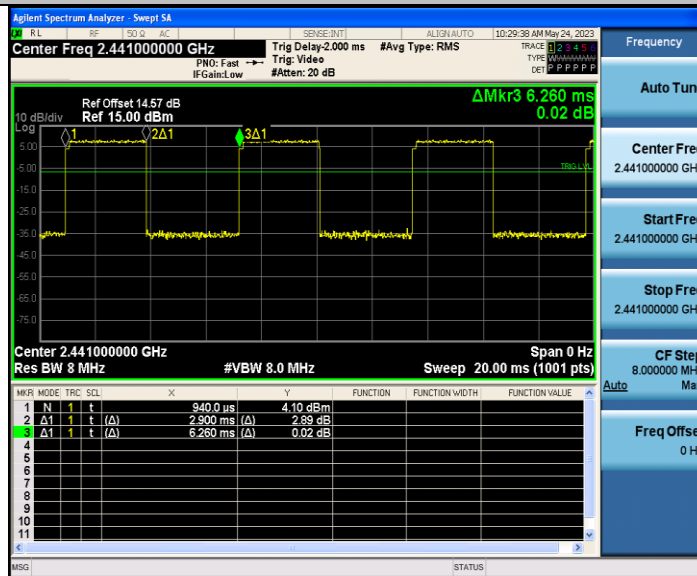
2DH5\_Ant1\_2480



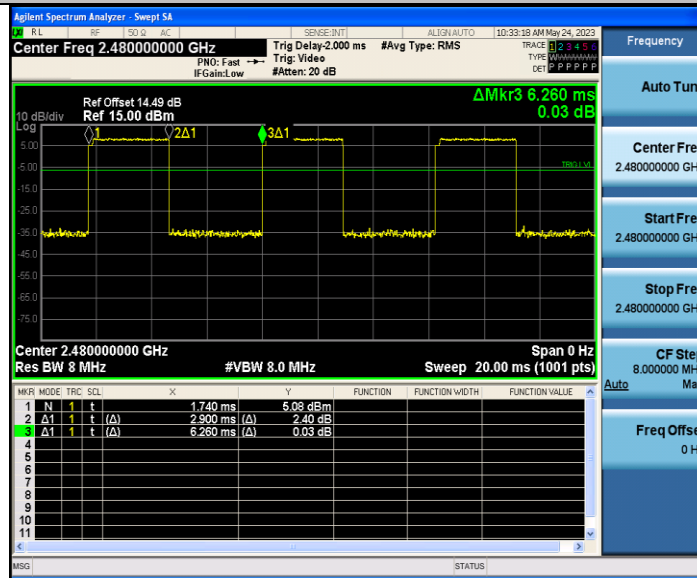
3DH5\_Ant1\_2402



3DH5\_Ant1\_2441

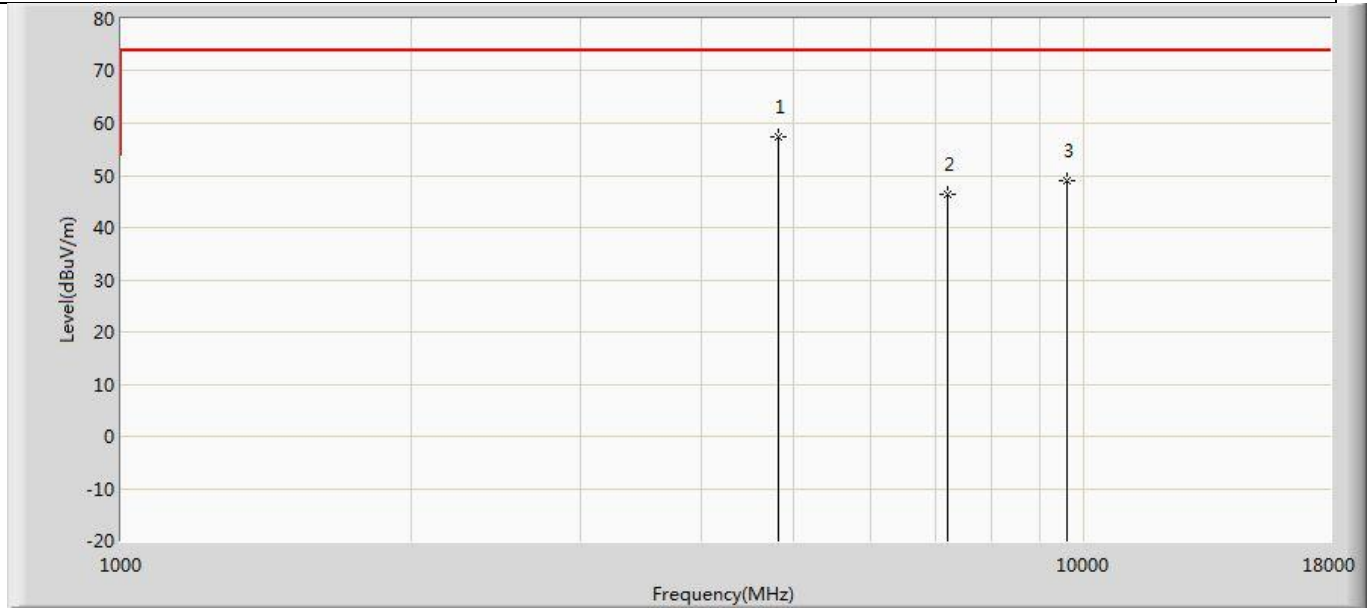


3DH5\_Ant1\_2480



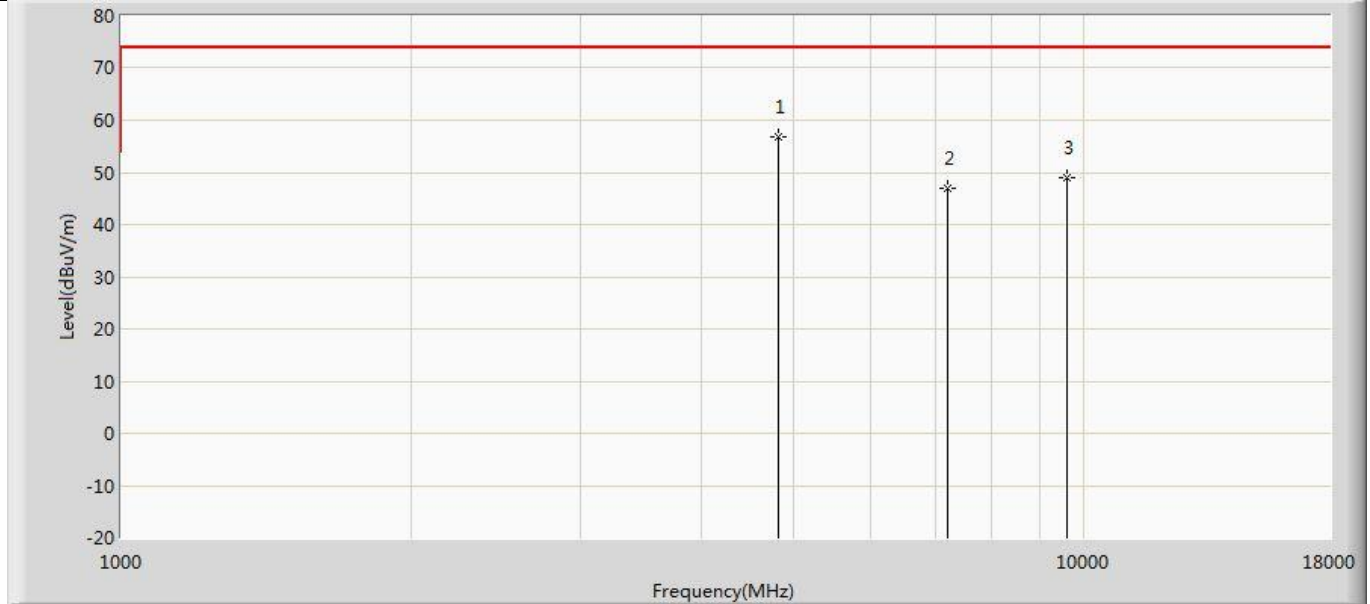
### Appendix J: Emissions in Restricted Band

Profile: 2340774R	Page No.: 19
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by DH5	



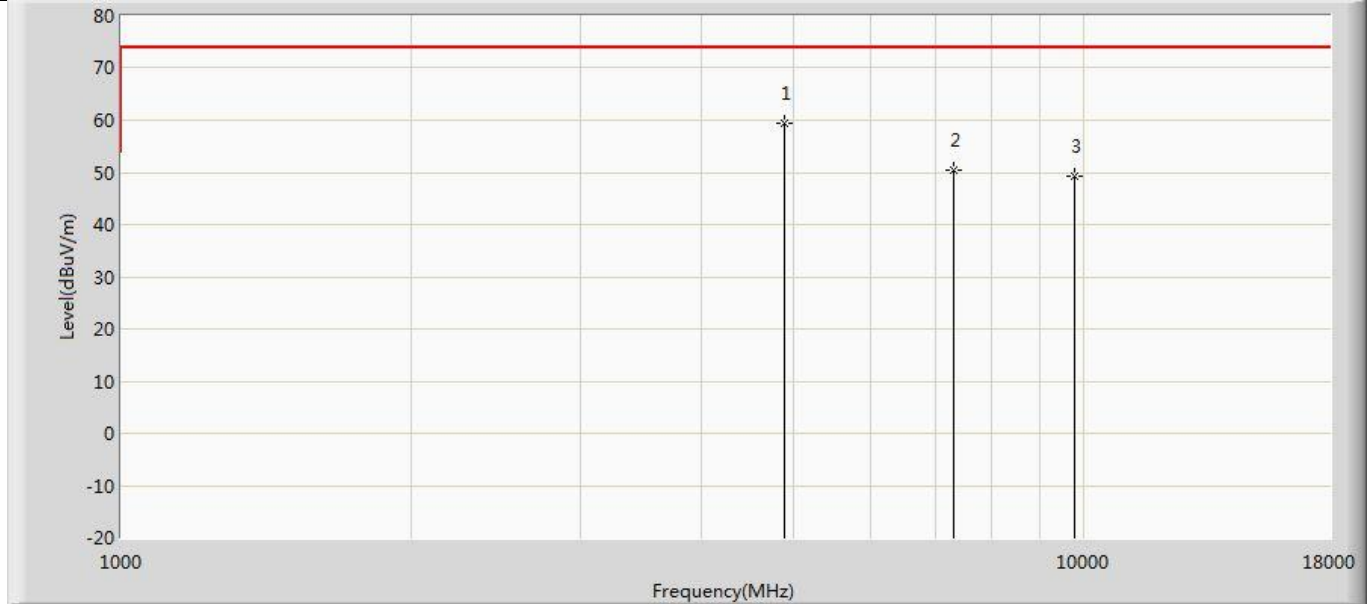
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4808.000	57.269	71.916	-16.731	74.000	-14.647	PK
2		7205.000	46.432	56.142	-27.568	74.000	-9.710	PK
3		9608.000	49.008	54.643	-24.992	74.000	-5.635	PK

Profile: 2340774R	Page No.: 20
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by DH5	



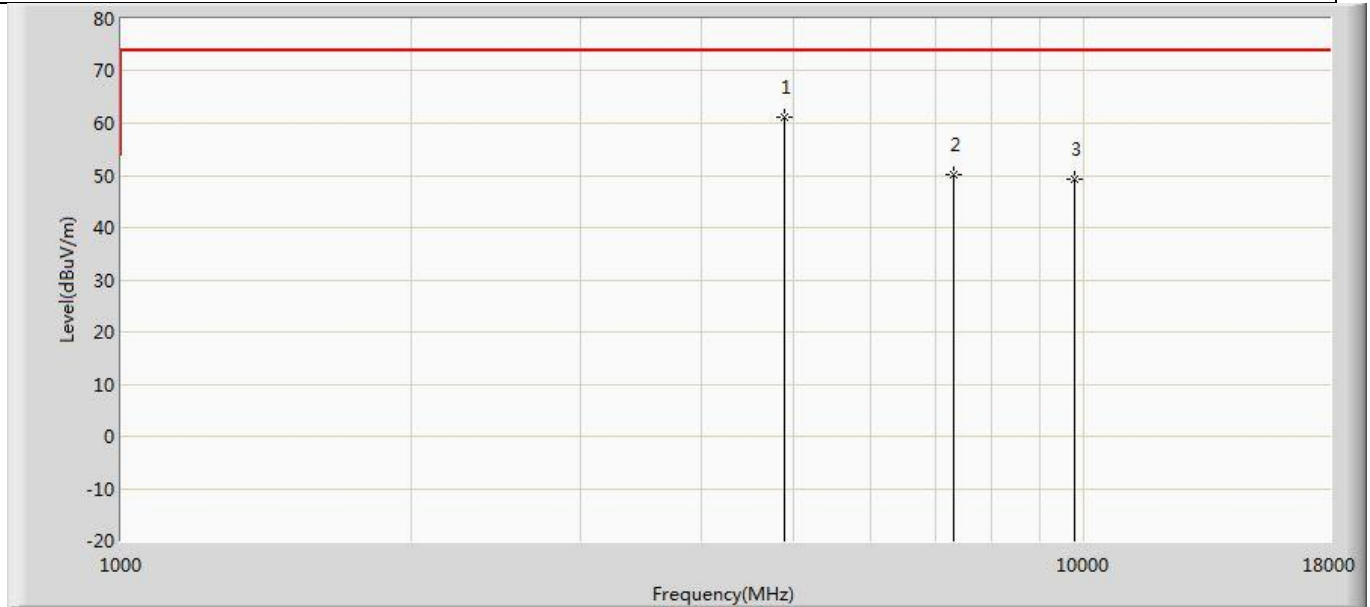
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4808.000	56.820	71.467	-17.180	74.000	-14.647	PK
2		7205.000	46.835	56.545	-27.165	74.000	-9.710	PK
3		9608.000	48.872	54.507	-25.128	74.000	-5.635	PK

Profile: 2340774R	Page No.: 21
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2441MHz by DH5	



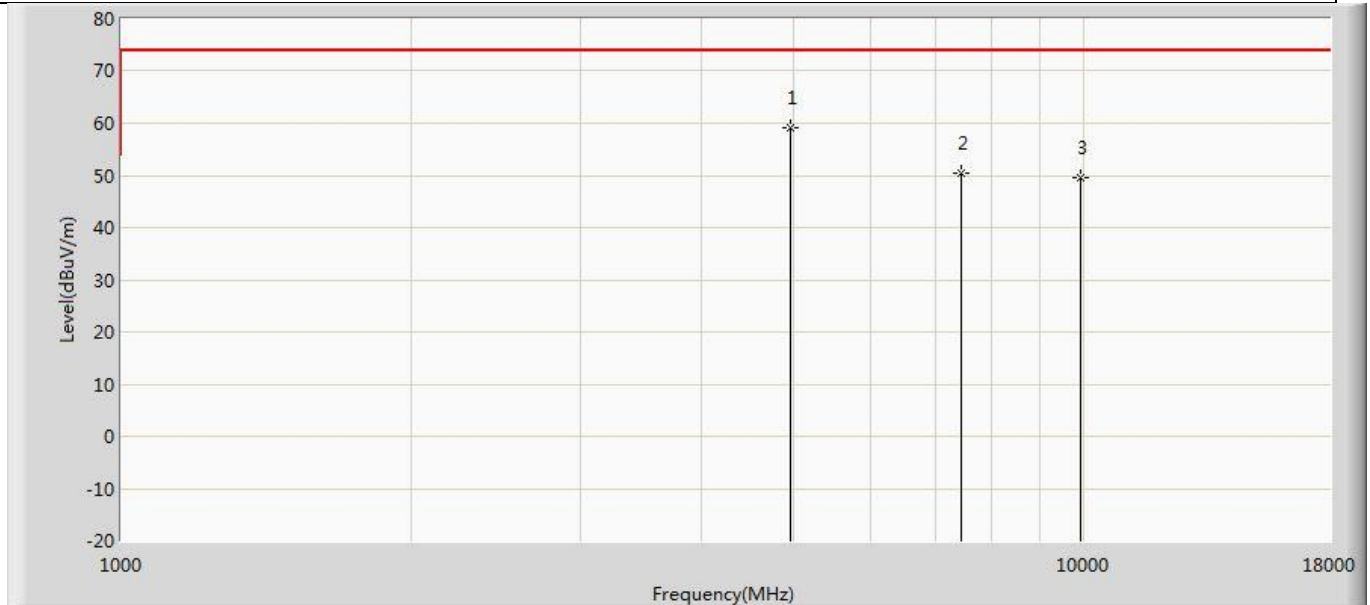
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4876.000	59.391	73.687	-14.609	74.000	-14.297	PK
2		7324.000	50.463	60.189	-23.537	74.000	-9.726	PK
3		9764.000	49.134	54.754	-24.866	74.000	-5.620	PK

Profile: 2340774R	Page No.: 22
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2441MHz by DH5	



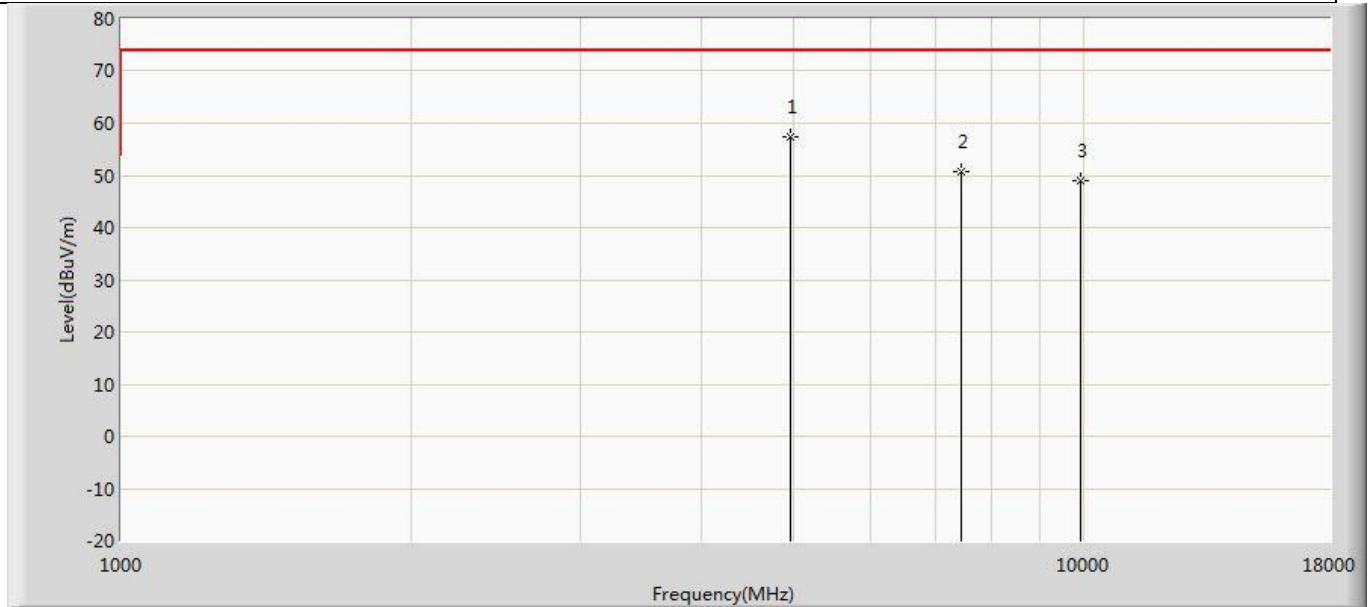
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4876.000	61.035	75.331	-12.965	74.000	-14.297	PK
2		7324.000	50.213	59.939	-23.787	74.000	-9.726	PK
3		9764.000	49.180	54.800	-24.820	74.000	-5.620	PK

Profile: 2340774R	Page No.: 23
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2480MHz by DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4961.000	59.198	73.331	-14.802	74.000	-14.133	PK
2		7443.000	50.523	59.944	-23.477	74.000	-9.421	PK
3		9920.000	49.673	54.585	-24.327	74.000	-4.912	PK

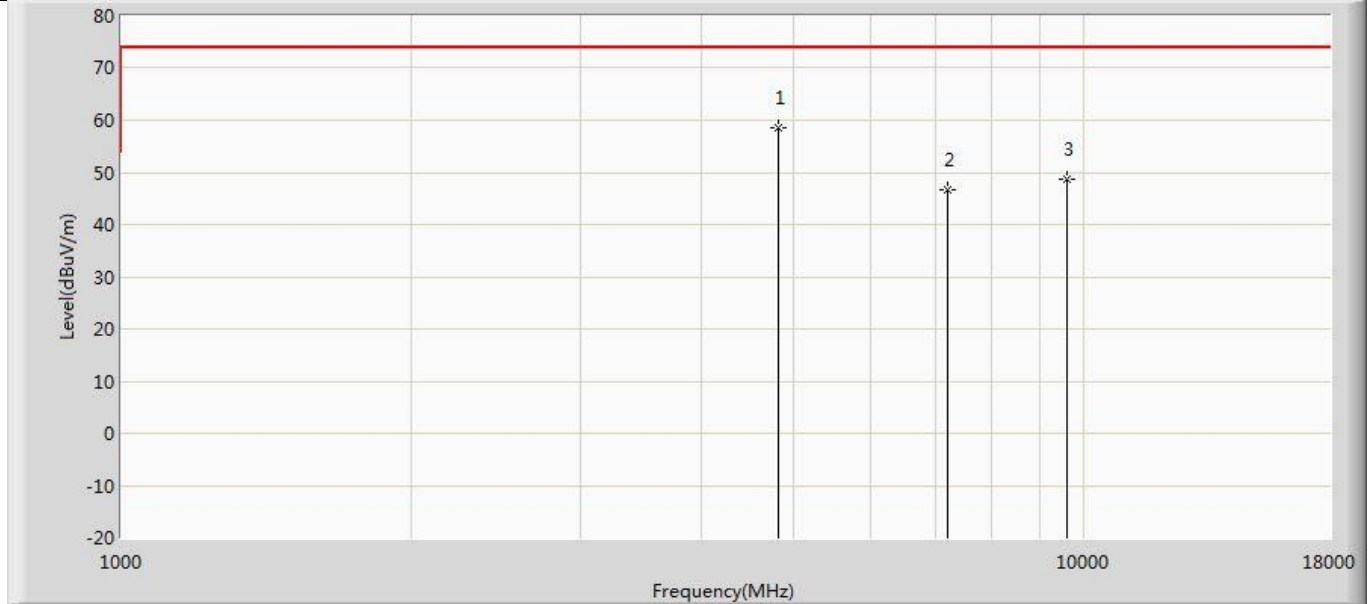
Profile: 2340774R	Page No.: 24
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2480MHz by DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4961.000	57.284	71.417	-16.716	74.000	-14.133	PK
2		7443.000	50.787	60.208	-23.213	74.000	-9.421	PK
3		9920.000	49.105	54.017	-24.895	74.000	-4.912	PK

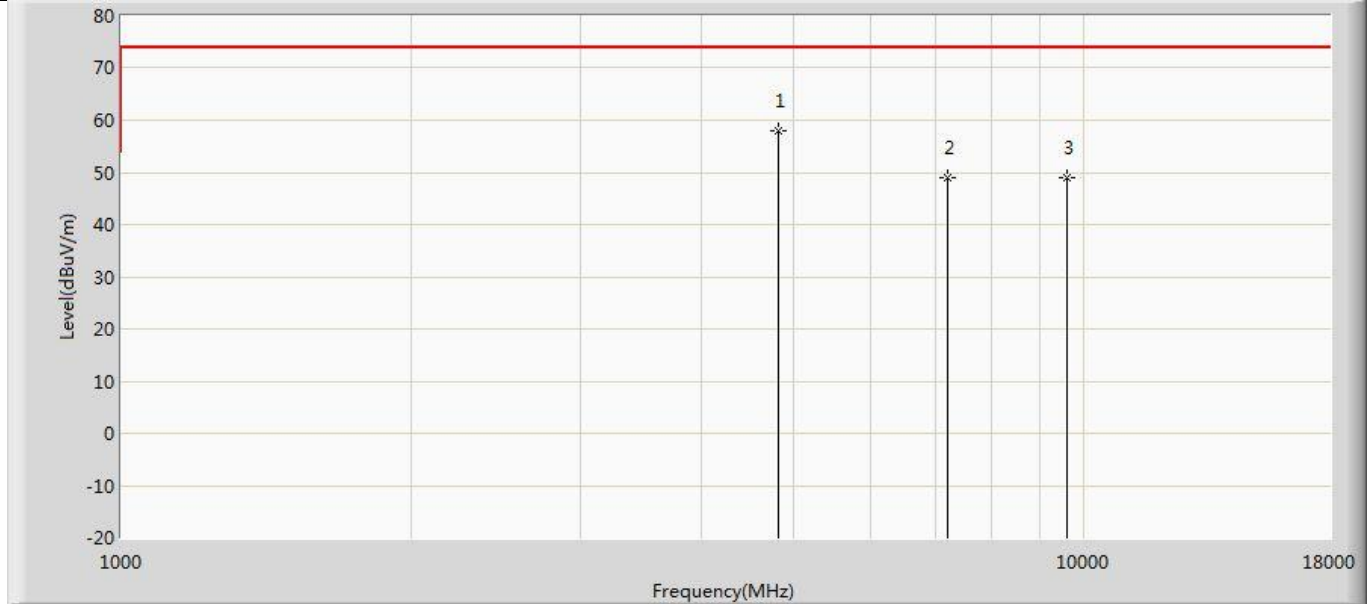


Profile: 2340774R	Page No.: 25
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2402MHz by 2DH5	



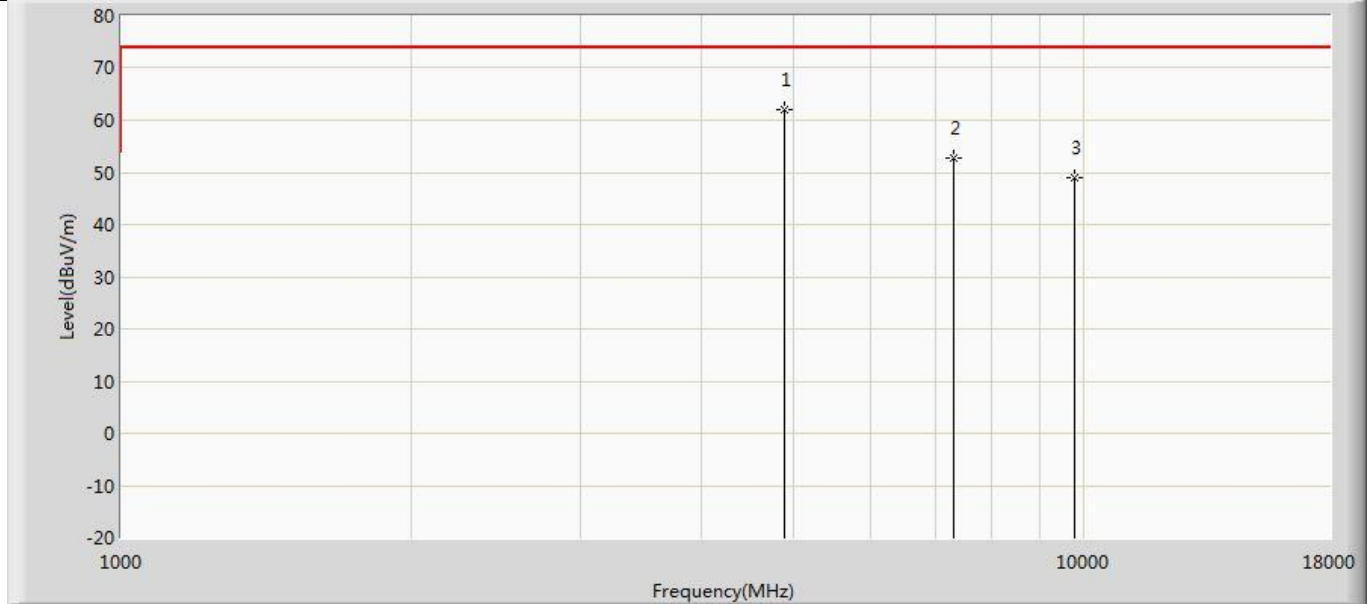
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4808.000	58.563	73.210	-15.437	74.000	-14.647	PK
2		7205.000	46.593	56.303	-27.407	74.000	-9.710	PK
3		9608.000	48.796	54.431	-25.204	74.000	-5.635	PK

Profile: 2340774R	Page No.: 26
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2402MHz by 2DH5	



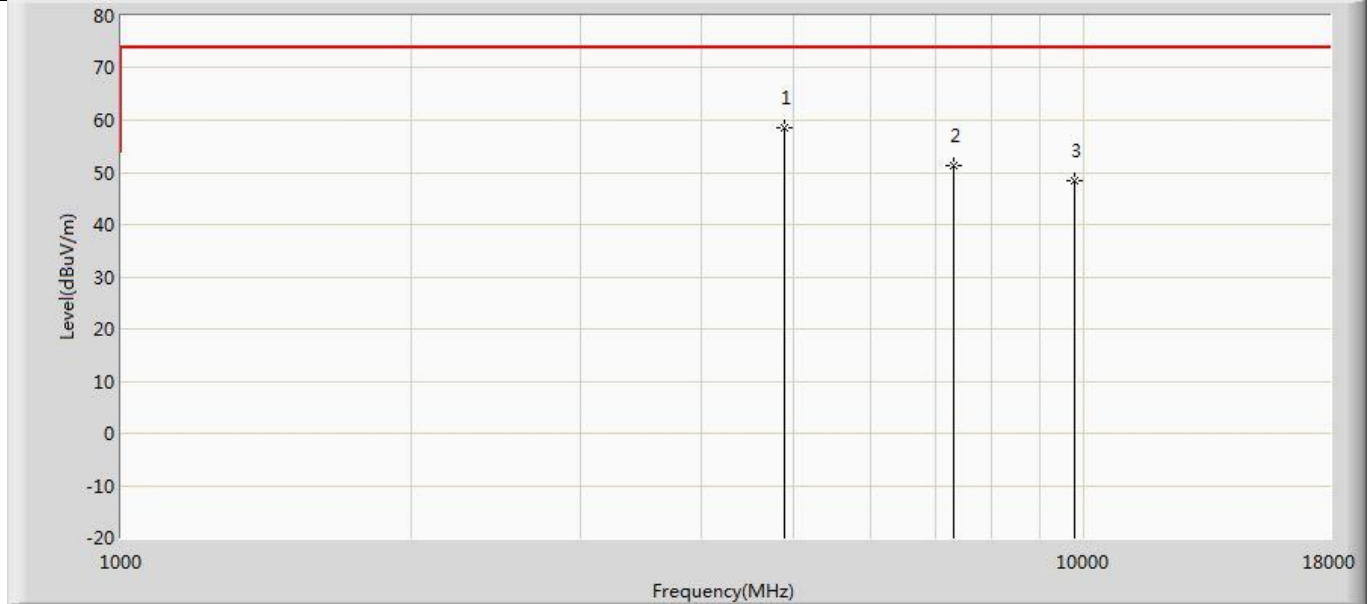
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4808.000	57.927	72.574	-16.073	74.000	-14.647	PK
2		7205.000	49.062	58.772	-24.938	74.000	-9.710	PK
3		9608.000	48.861	54.496	-25.139	74.000	-5.635	PK

Profile: 2340774R	Page No.: 27
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2441MHz by 2DH5	



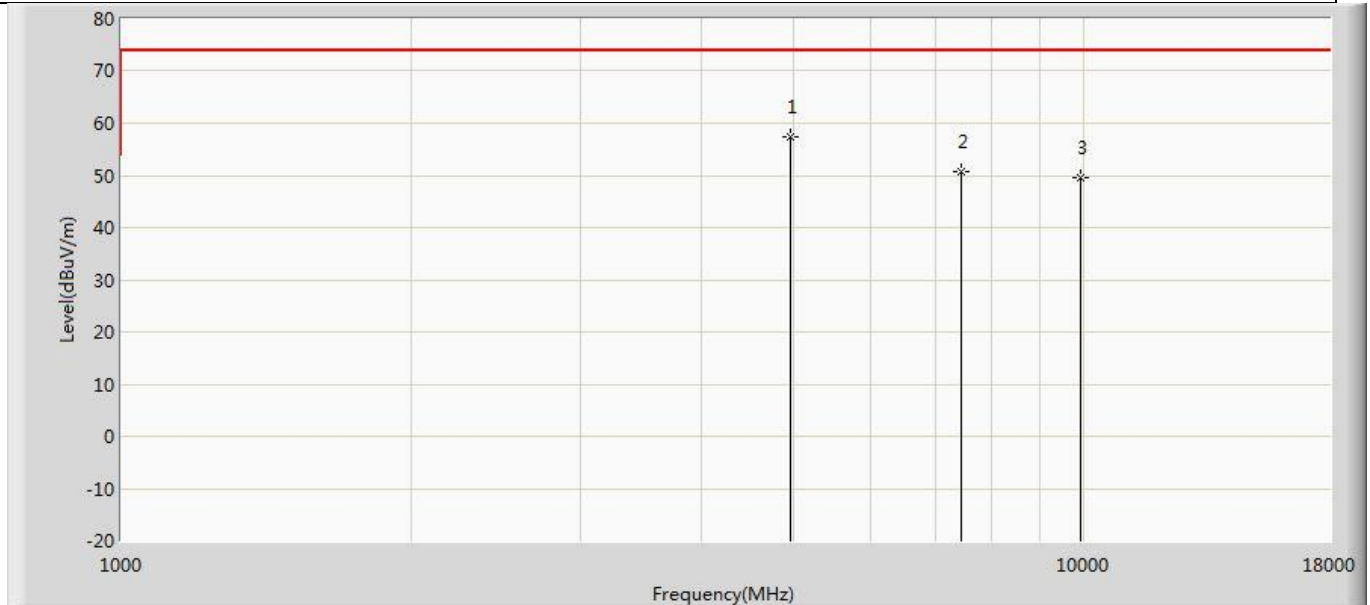
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4876.000	61.903	76.199	-12.097	74.000	-14.297	PK
2		7324.000	52.717	62.443	-21.283	74.000	-9.726	PK
3		9764.000	48.971	54.591	-25.029	74.000	-5.620	PK

Profile: 2340774R	Page No.: 28
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2441MHz by 2DH5	



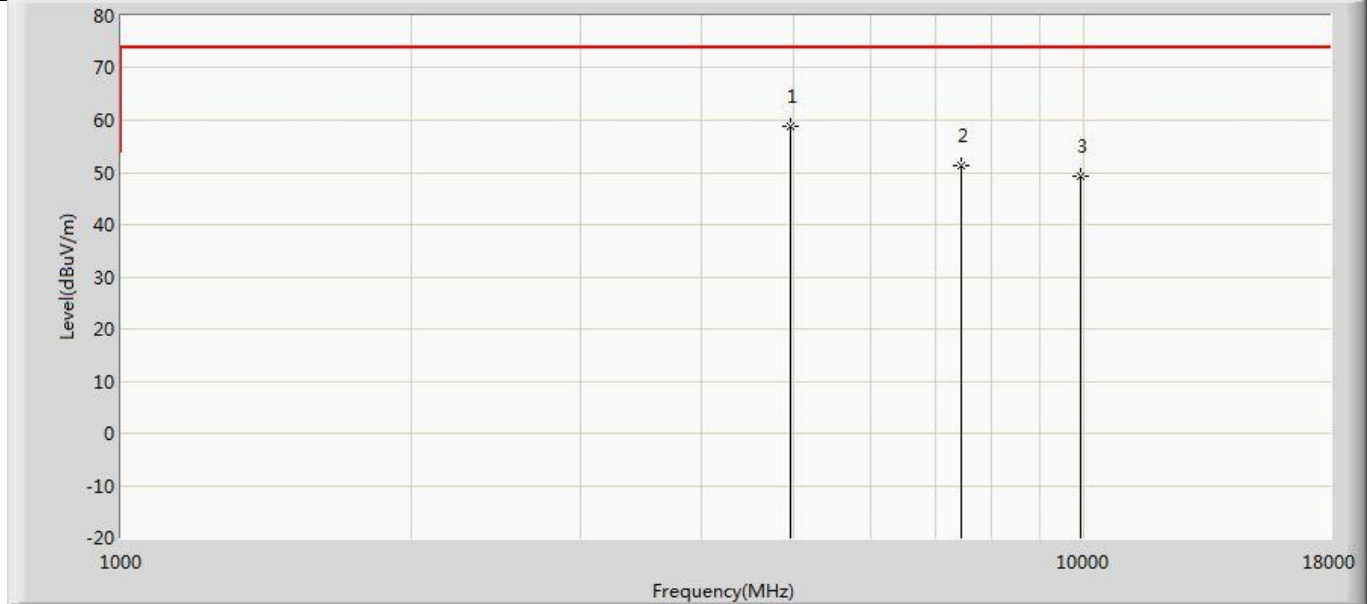
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4876.000	58.562	72.858	-15.438	74.000	-14.297	PK
2		7324.000	51.326	61.052	-22.674	74.000	-9.726	PK
3		9764.000	48.388	54.008	-25.612	74.000	-5.620	PK

Profile: 2340774R	Page No.: 29
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2480MHz by 2DH5	



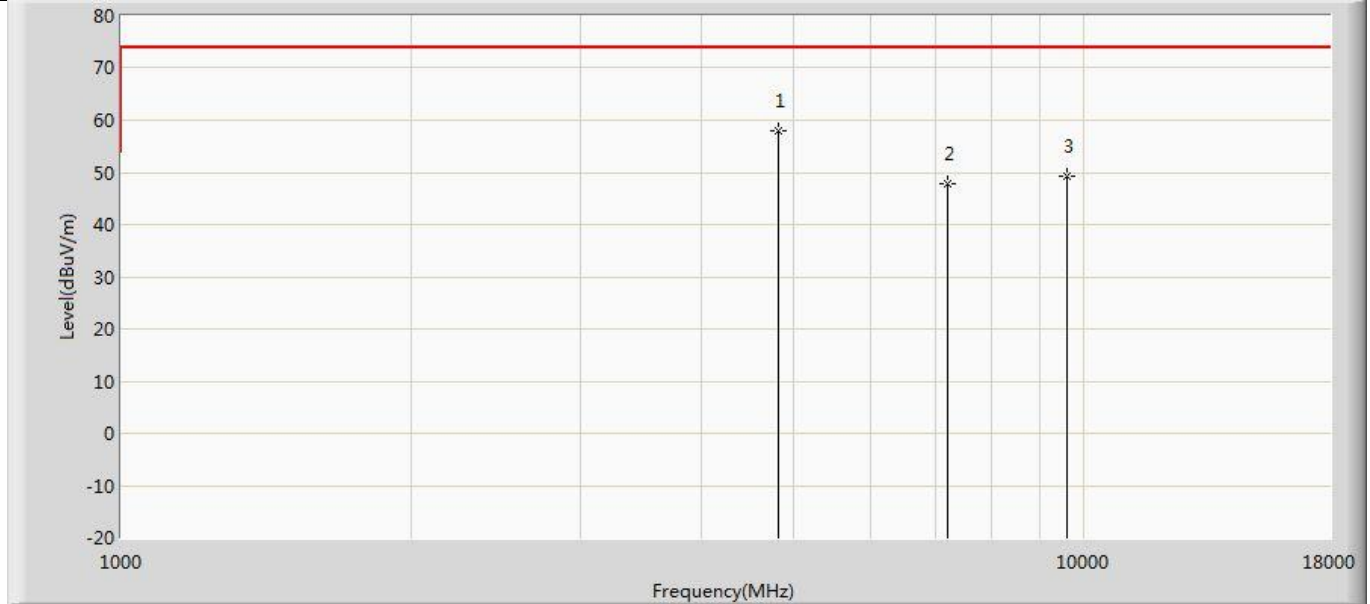
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4961.000	57.332	71.465	-16.668	74.000	-14.133	PK
2		7443.000	50.855	60.276	-23.145	74.000	-9.421	PK
3		9920.000	49.636	54.548	-24.364	74.000	-4.912	PK

Profile: 2340774R	Page No.: 30
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2480MHz by 2DH5	



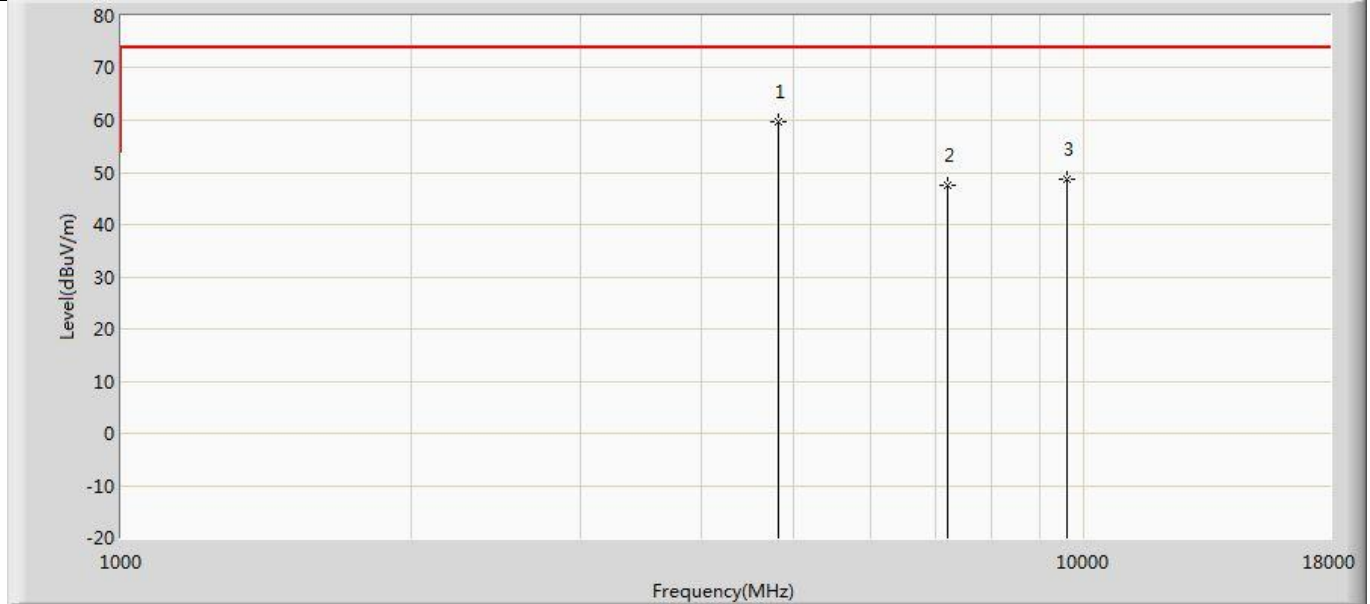
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4961.000	58.823	72.956	-15.177	74.000	-14.133	PK
2		7443.000	51.283	60.704	-22.717	74.000	-9.421	PK
3		9920.000	49.392	54.304	-24.608	74.000	-4.912	PK

Profile: 2340774R	Page No.: 31
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2402MHz by 3DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4808.000	58.099	72.746	-15.901	74.000	-14.647	PK
2		7205.000	47.848	57.558	-26.152	74.000	-9.710	PK
3		9608.000	49.261	54.896	-24.739	74.000	-5.635	PK

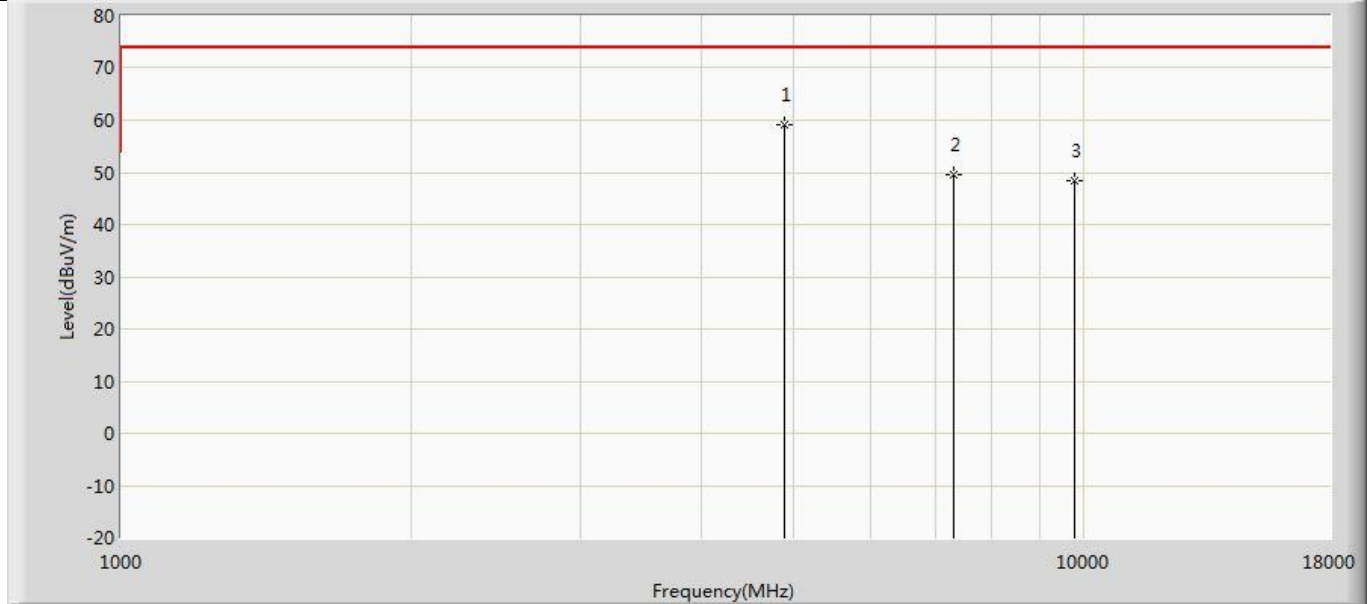
Profile: 2340774R	Page No.: 32
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2402MHz by 3DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4808.000	59.579	74.226	-14.421	74.000	-14.647	PK
2		7205.000	47.481	57.191	-26.519	74.000	-9.710	PK
3		9608.000	48.574	54.209	-25.426	74.000	-5.635	PK

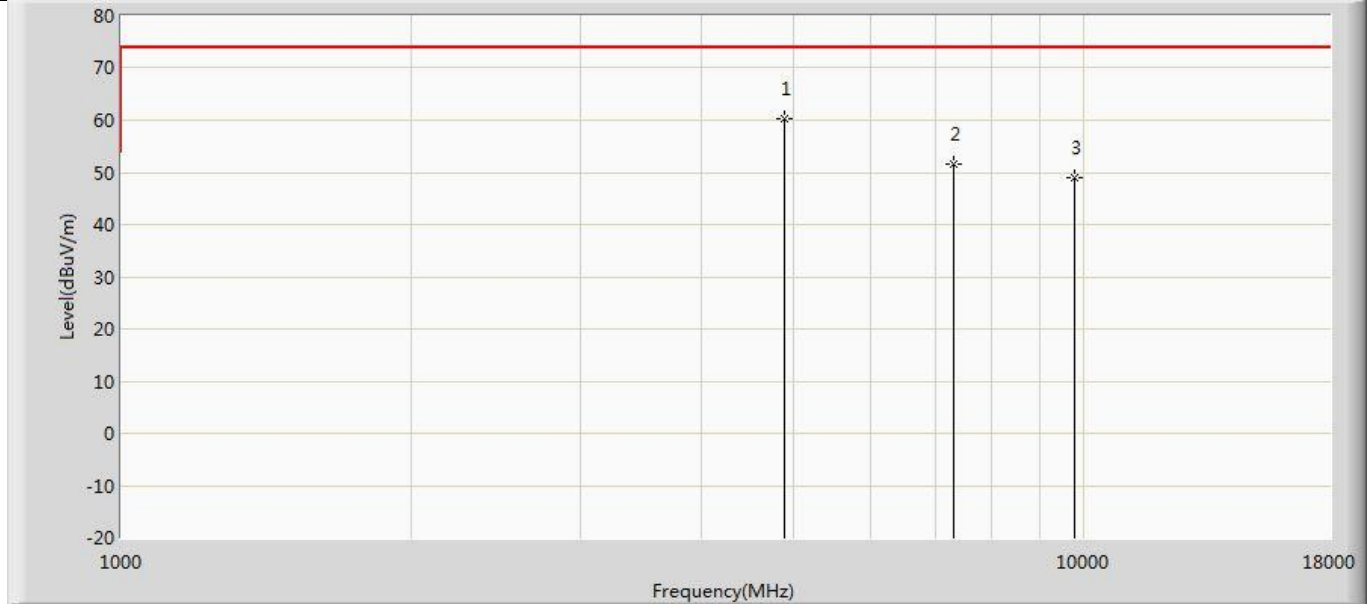


Profile: 2340774R	Page No.: 33
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2441MHz by 3DH5	



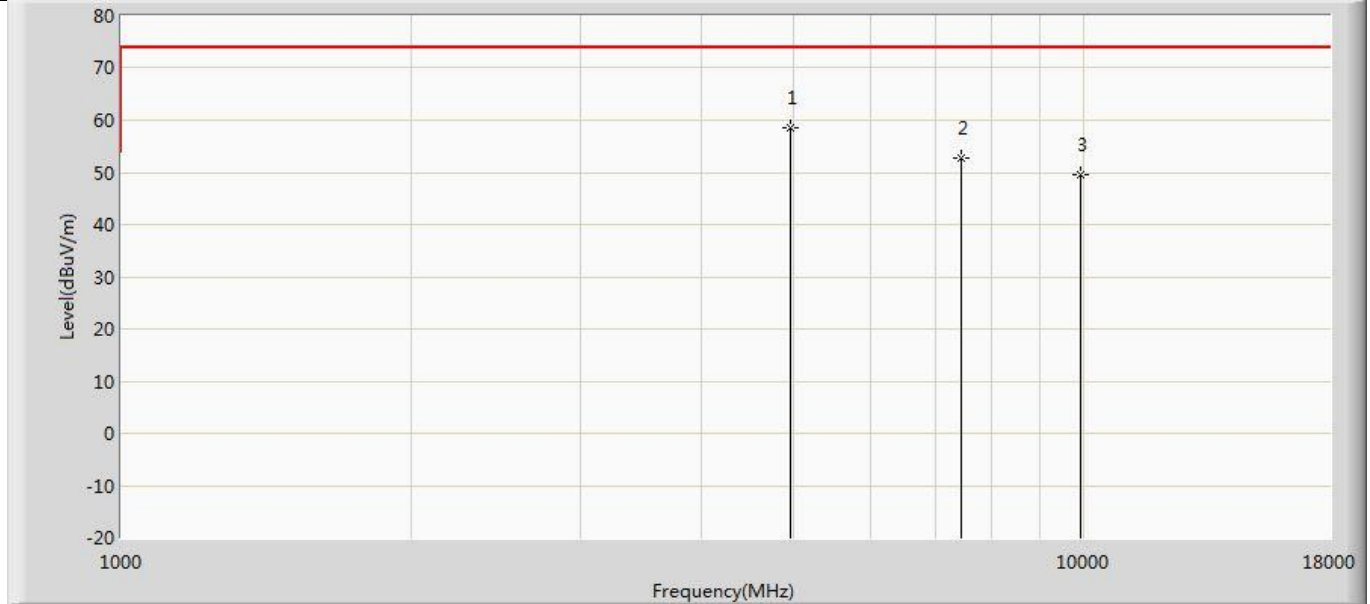
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4876.000	59.208	73.504	-14.792	74.000	-14.297	PK
2		7324.000	49.580	59.306	-24.420	74.000	-9.726	PK
3		9764.000	48.404	54.024	-25.596	74.000	-5.620	PK

Profile: 2340774R	Page No.: 34
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2441MHz by 3DH5	



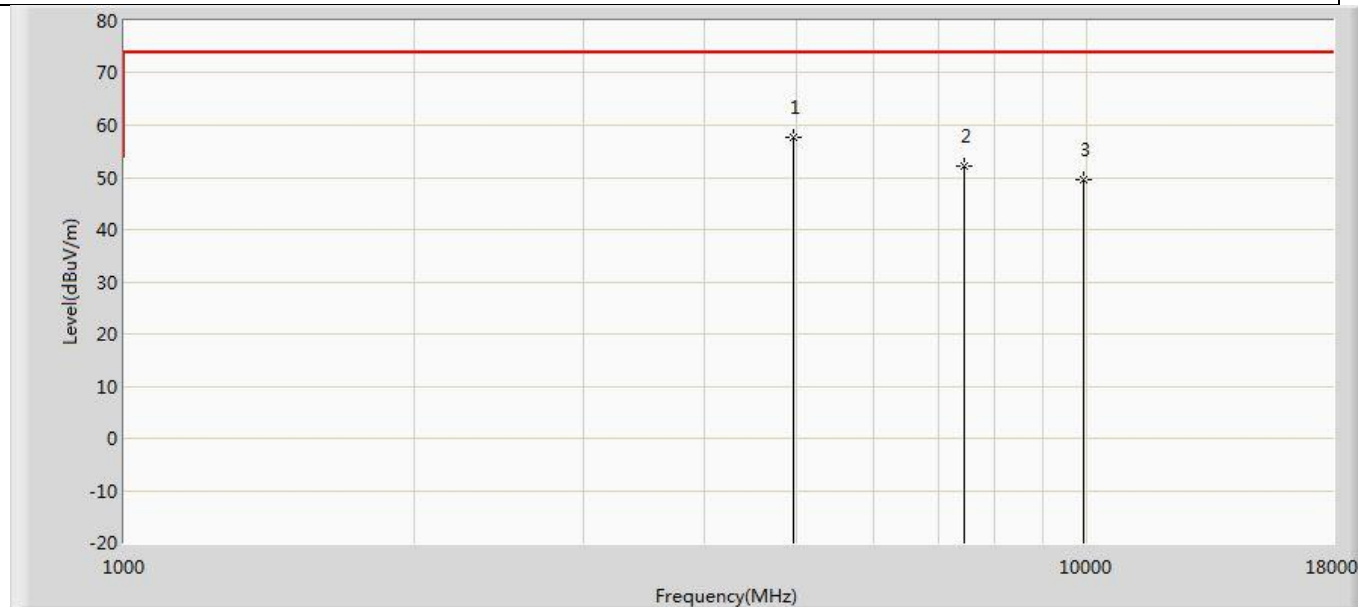
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4876.000	60.361	74.657	-13.639	74.000	-14.297	PK
2		7324.000	51.608	61.334	-22.392	74.000	-9.726	PK
3		9764.000	49.007	54.627	-24.993	74.000	-5.620	PK

Profile: 2340774R	Page No.: 35
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2480MHz by 3DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4961.000	58.584	72.717	-15.416	74.000	-14.133	PK
2		7443.000	52.761	62.182	-21.239	74.000	-9.421	PK
3		9920.000	49.629	54.541	-24.371	74.000	-4.912	PK

Profile: 2340774R	Page No.: 36
Engineer: Yuliu	
Site: AC5	Time: 2023/05/25 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2480MHz by 3DH5	



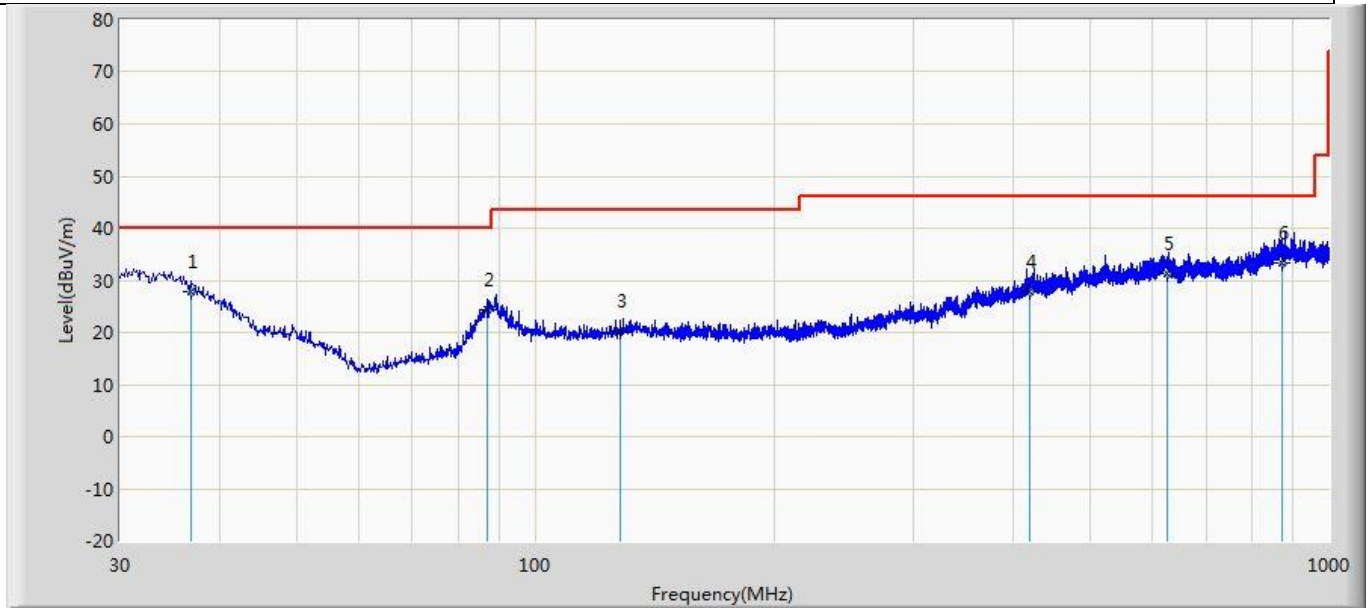
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4961.000	57.787	71.920	-16.213	74.000	-14.133	PK
2		7443.000	52.084	61.505	-21.916	74.000	-9.421	PK
3		9920.000	49.561	54.473	-24.439	74.000	-4.912	PK

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. According to FCC15.35(c), a duty cycle correction factor is applied here. For HFSS mode, maximum duty cycle will be 1.27%, which is 37.9dB. Hence this margin could cover the highest spurious above.

**The worst case of Radiated Emission below 1GHz :**

Profile: 2340774R	Page No.: 187
Engineer: Yuliu	
Site: AC3	Time: 2023/05/17 - 02:53
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 DH5	

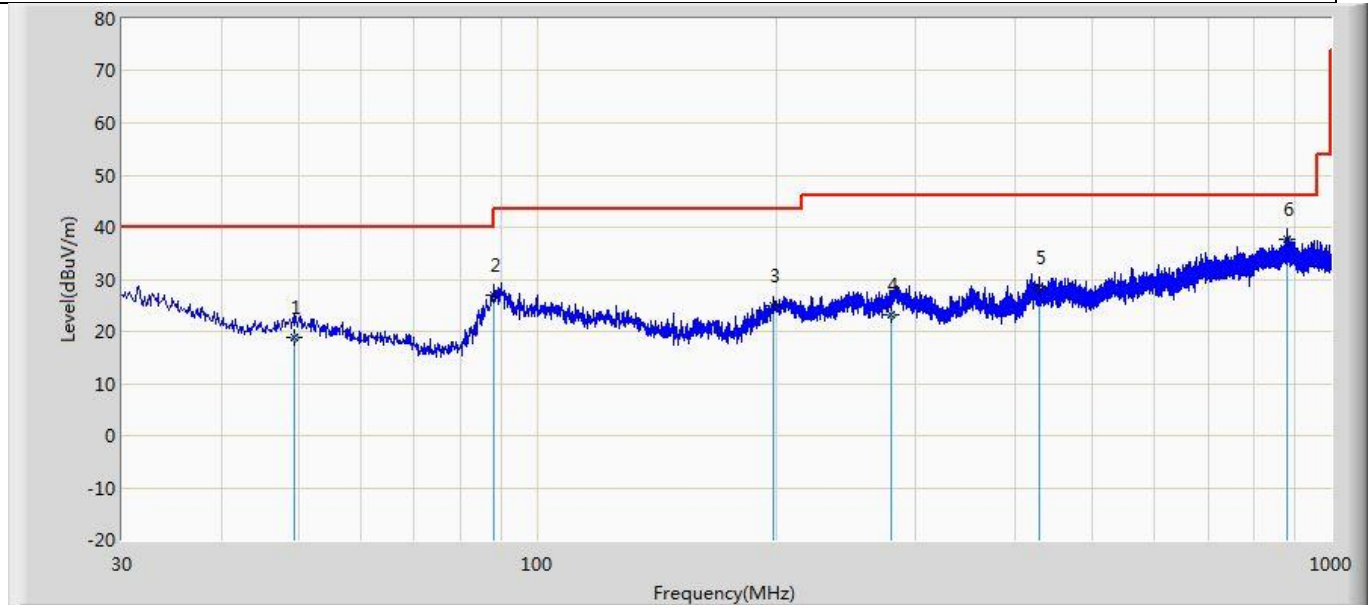


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	36.790	27.886	2.564	-12.114	40.000	25.322	QP
2		86.988	24.236	10.132	-15.764	40.000	14.104	QP
3		127.970	20.380	3.214	-23.120	43.500	17.166	QP
4		419.091	27.771	0.838	-18.229	46.000	26.933	QP
5		625.580	31.398	0.873	-14.602	46.000	30.525	QP
6		874.264	33.420	1.015	-12.580	46.000	32.405	QP

**Note:**

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

Profile: 2340774R	Page No.: 188
Engineer: Yuliu	
Site: AC3	Time: 2023/05/17 - 02:56
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 DH5	



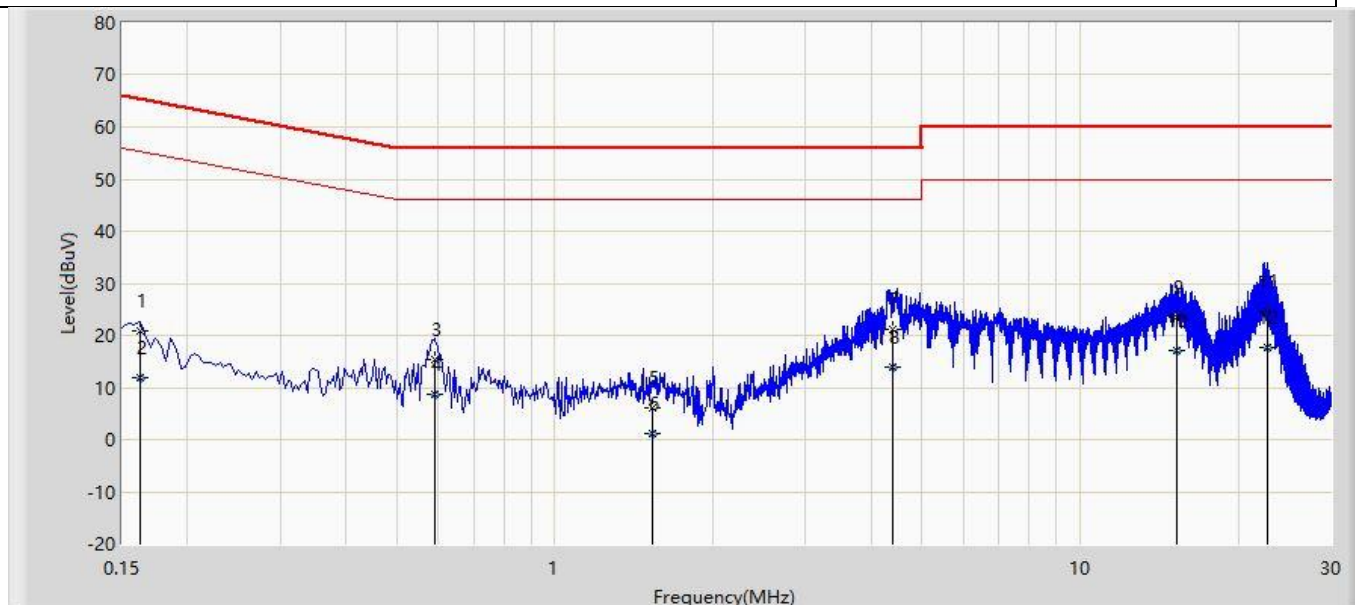
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		49.400	18.718	-0.682	-21.282	40.000	19.400	QP
2		88.200	27.079	10.399	-16.421	43.500	16.680	QP
3		198.416	24.801	1.744	-18.699	43.500	23.057	QP
4		279.290	23.287	-1.517	-22.713	46.000	24.804	QP
5		429.034	28.480	2.676	-17.520	46.000	25.805	QP
6	*	879.963	37.799	4.489	-8.201	46.000	33.310	QP

Note:

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

## Appendix J: AC Power Line Conducted Emission

Profile: 2340774R	Page No.: 161
Engineer: Yuliu	
Site: TR1	Time: 2023/05/17 - 02:18
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101190 (0.009-30MHz)	Polarity: Neutral
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by DH5	



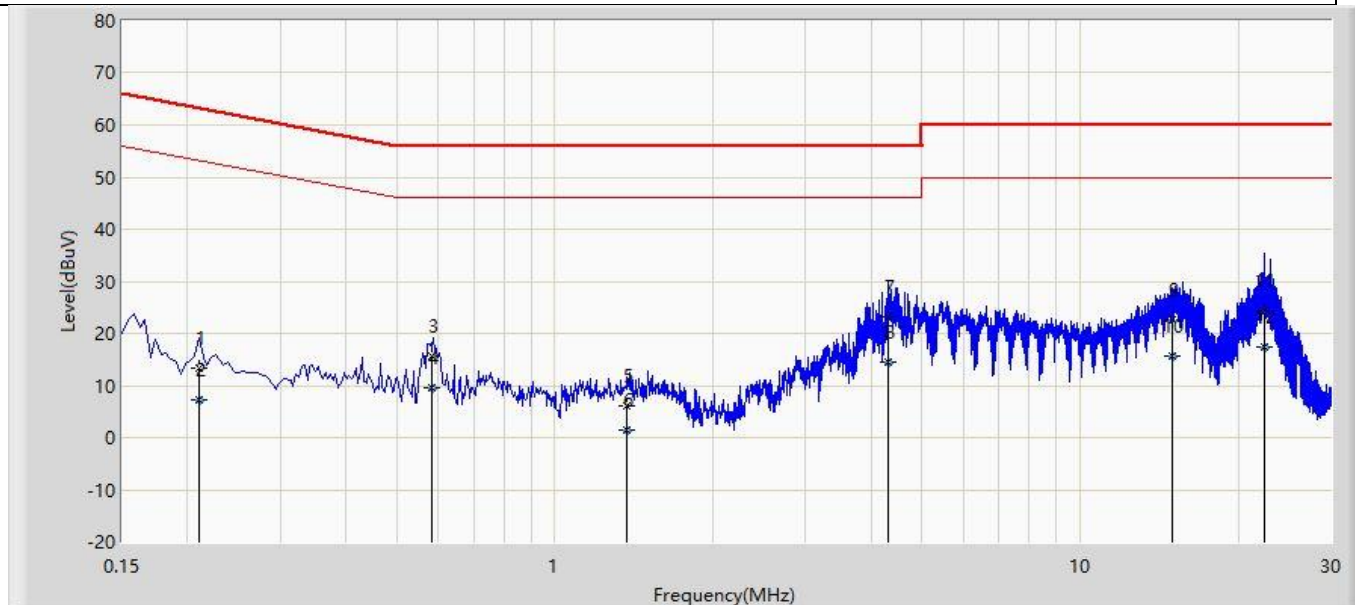
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.162	20.870	11.299	-44.491	65.361	9.572	QP
2		0.162	11.918	2.347	-43.443	55.361	9.572	AV
3		0.589	15.253	5.622	-40.747	56.000	9.631	QP
4		0.589	8.819	-0.812	-37.181	46.000	9.631	AV
5		1.538	6.212	-3.448	-49.788	56.000	9.660	QP
6		1.538	1.173	-8.487	-44.827	46.000	9.660	AV
7		4.402	21.056	11.276	-34.944	56.000	9.780	QP
8	*	4.402	13.950	4.171	-32.050	46.000	9.780	AV
9		15.314	23.364	13.210	-36.636	60.000	10.154	QP
10		15.314	17.148	6.994	-32.852	50.000	10.154	AV
11		22.754	24.593	14.260	-35.407	60.000	10.333	QP
12		22.754	17.605	7.272	-32.395	50.000	10.333	AV

Note:

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

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

Profile: 2340774R	Page No.: 162
Engineer: Yuliu	
Site: TR1	Time: 2023/05/17 - 02:21
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101190 (0.009-30MHz)	Polarity: Line
EUT: Universal base	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.210	13.305	3.719	-49.900	63.205	9.586	QP
2		0.210	7.125	-2.461	-46.080	53.205	9.586	AV
3		0.584	15.714	6.078	-40.286	56.000	9.635	QP
4		0.584	9.446	-0.190	-36.554	46.000	9.635	AV
5		1.374	6.224	-3.431	-49.776	56.000	9.655	QP
6		1.374	1.348	-8.307	-44.652	46.000	9.655	AV
7		4.322	23.287	13.501	-32.713	56.000	9.785	QP
8	*	4.322	14.563	4.778	-31.437	46.000	9.785	AV
9		14.994	22.564	12.434	-37.436	60.000	10.130	QP
10		14.994	15.705	5.575	-34.295	50.000	10.130	AV
11		22.454	24.418	14.132	-35.582	60.000	10.285	QP
12		22.454	17.495	7.210	-32.505	50.000	10.285	AV

Note:

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

The End