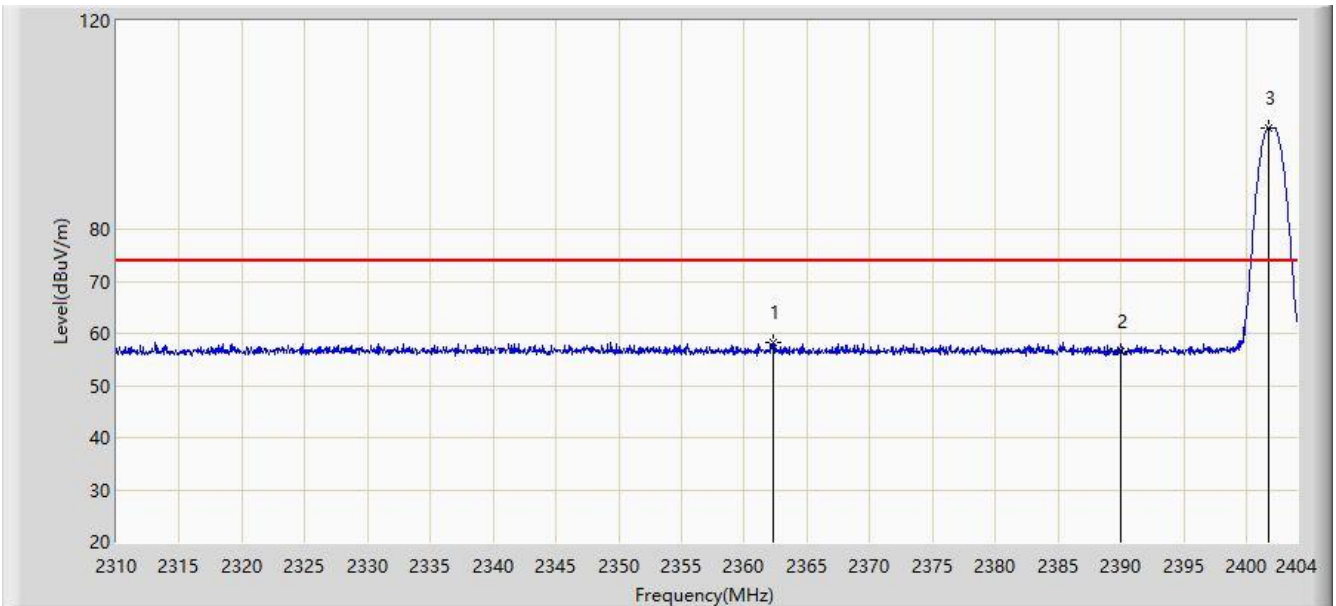


Site: AC1	Time: 2020/04/10 - 11:26
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

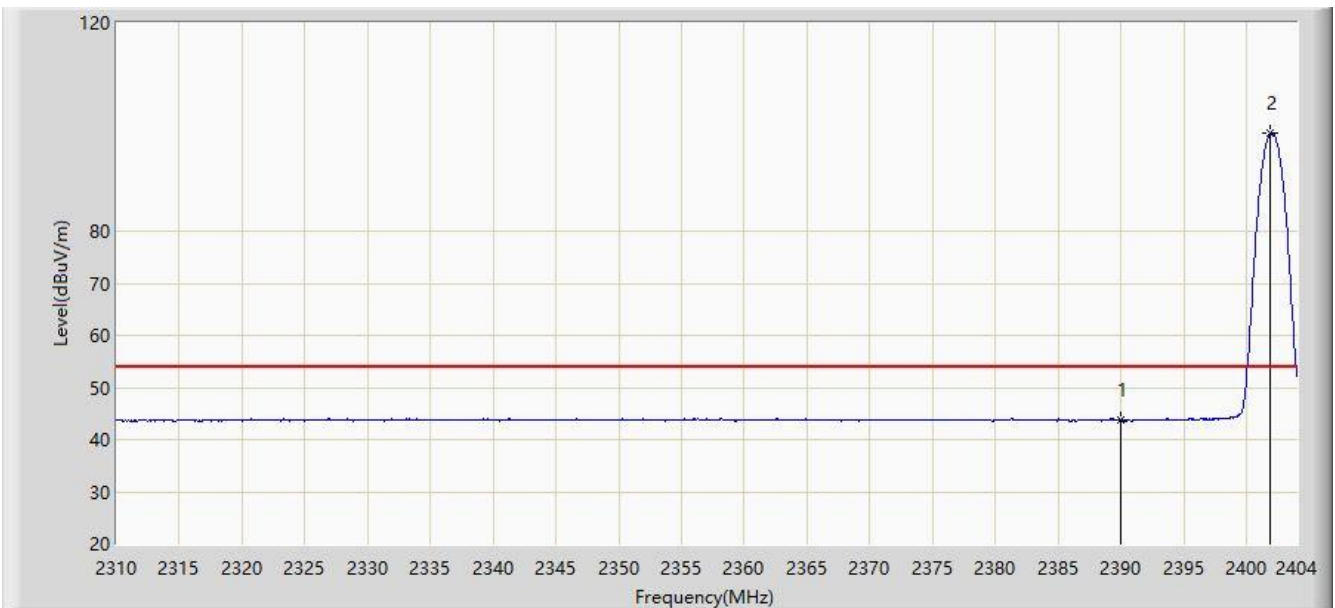


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2362.264	58.128	26.012	-15.872	74.000	32.116	PK
2			2390.000	56.635	24.563	-17.365	74.000	32.072	PK
3		*	2401.744	99.429	67.354	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/04/10 - 11:30
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

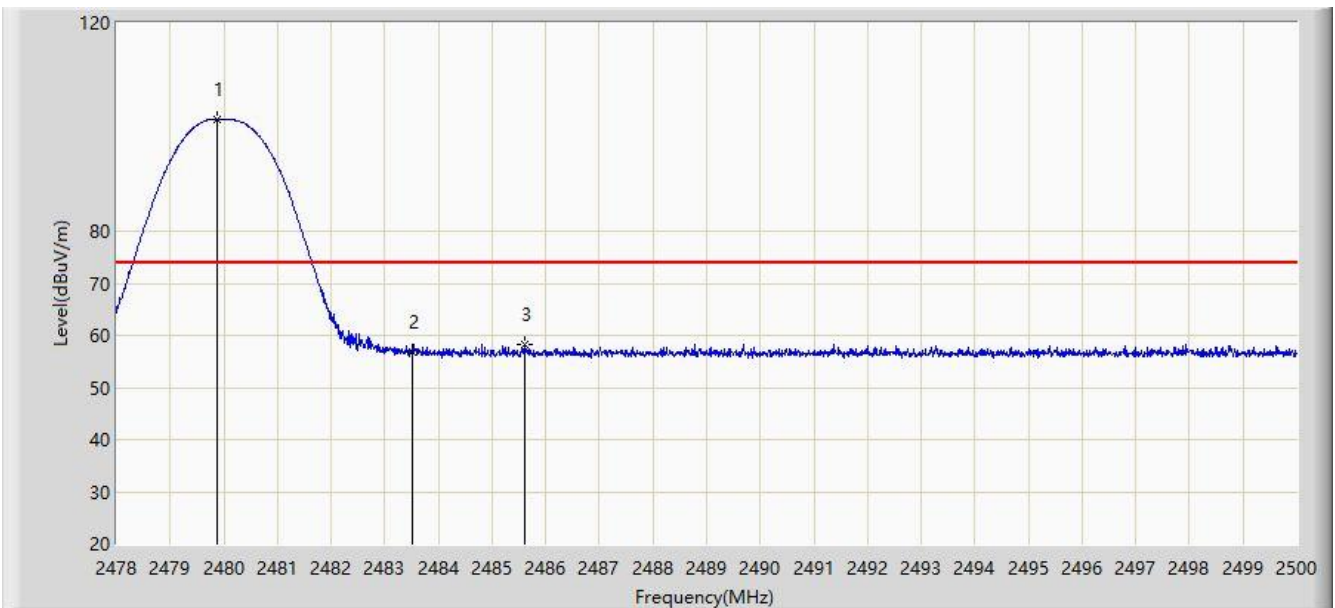


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.782	11.710	-10.218	54.000	32.072	AV
2		*	2401.932	98.814	66.739	N/A	N/A	32.075	AV

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

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

Site: AC1	Time: 2020/04/10 - 11:31
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

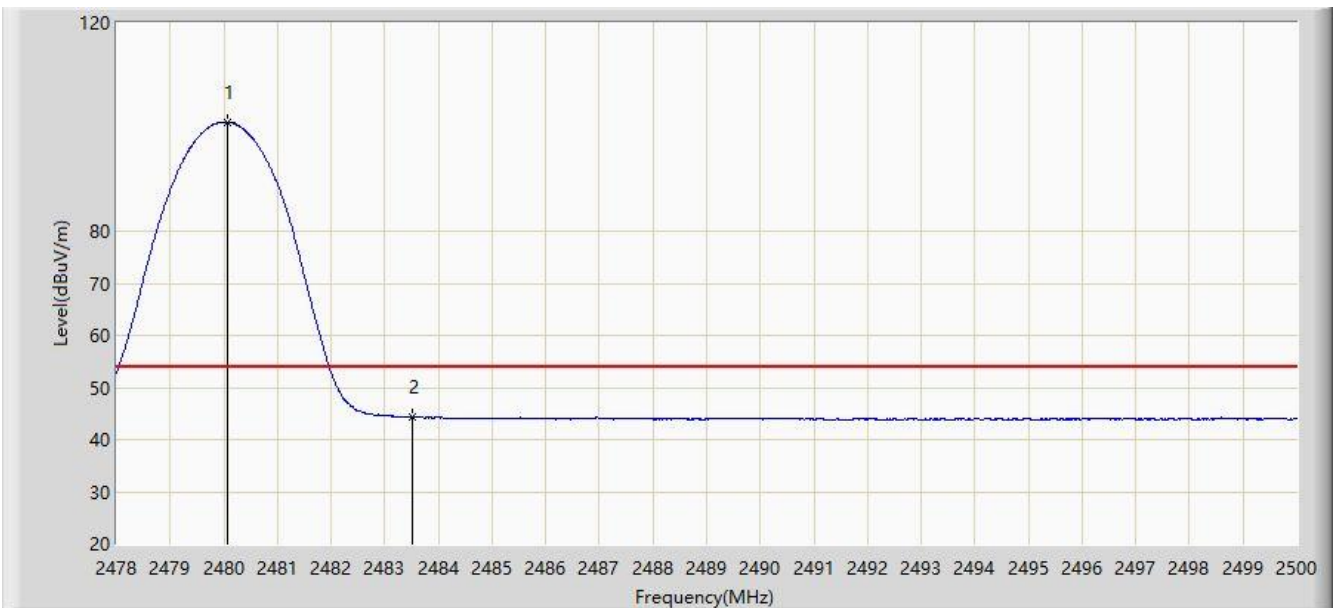


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.870	101.450	69.406	N/A	N/A	32.044	PK
2			2483.500	56.684	24.647	-17.316	74.000	32.037	PK
3			2485.612	58.140	26.107	-15.860	74.000	32.033	PK

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

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

Site: AC1	Time: 2020/04/10 - 11:34
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

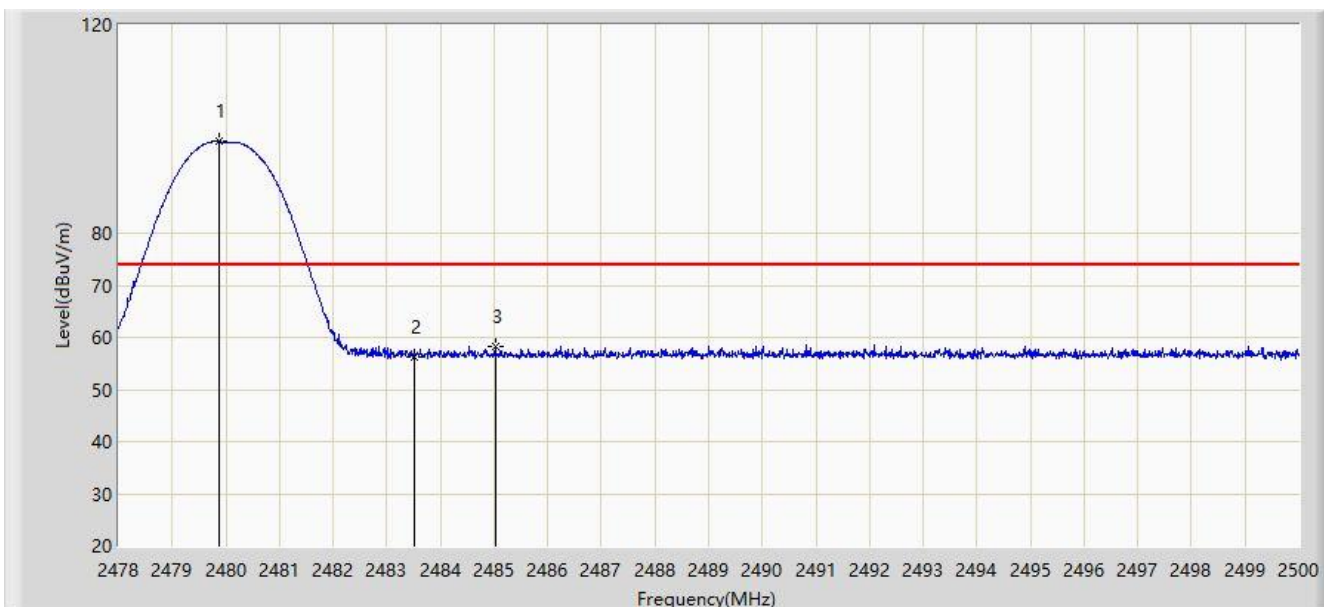


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	100.926	68.883	N/A	N/A	32.043	AV
2			2483.500	44.339	12.302	-9.661	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/04/10 - 11:35
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

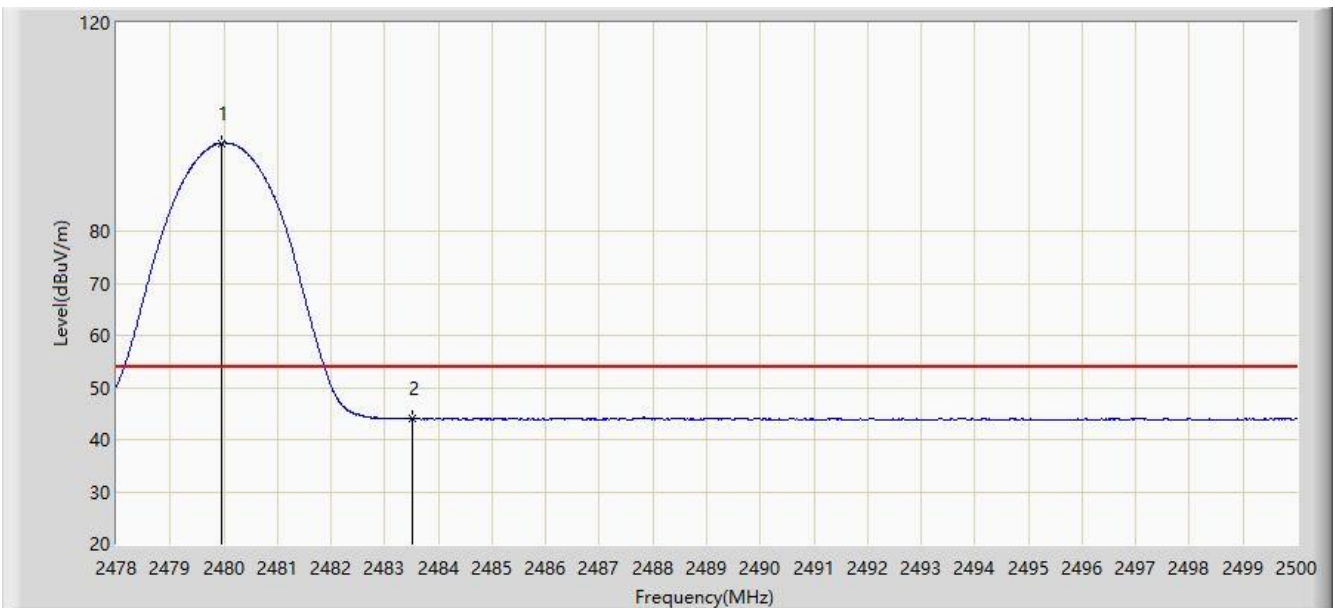


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.870	97.563	65.519	N/A	N/A	32.044	PK
2			2483.500	56.298	24.261	-17.702	74.000	32.037	PK
3			2485.029	58.188	26.154	-15.812	74.000	32.034	PK

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

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

Site: AC1	Time: 2020/04/10 - 11:38
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

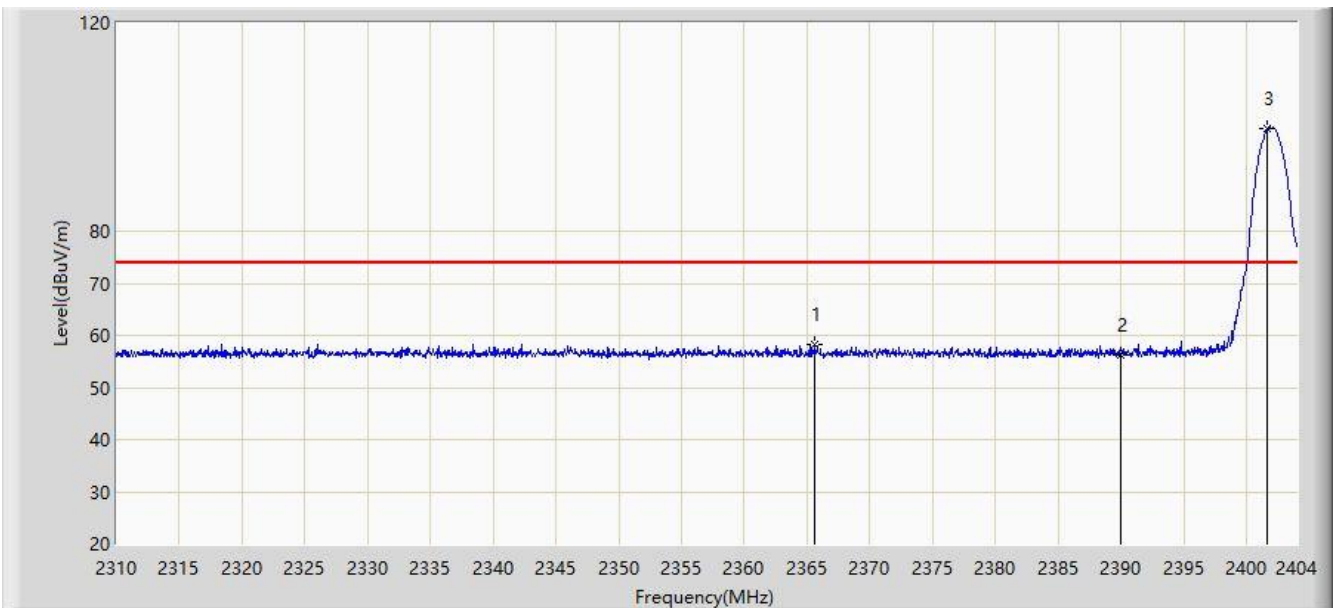


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	96.934	64.890	N/A	N/A	32.044	AV
2			2483.500	43.973	11.936	-10.027	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/04/10 - 11:39
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

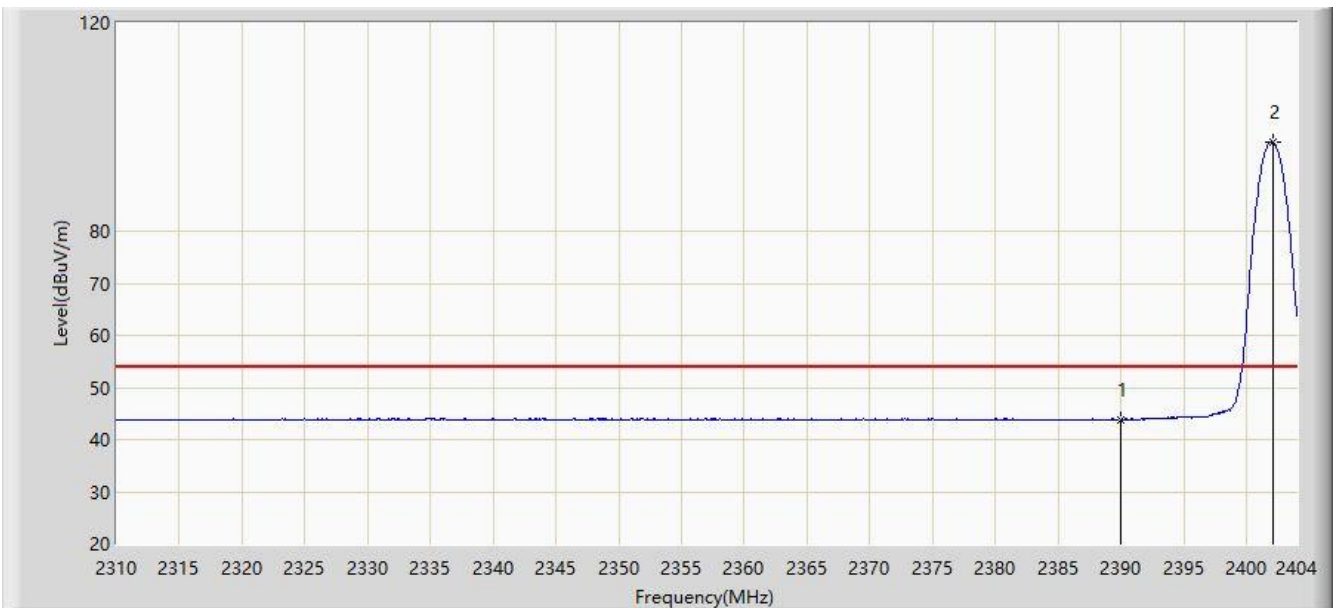


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2365.648	58.295	26.188	-15.705	74.000	32.107	PK
2			2390.000	56.264	24.192	-17.736	74.000	32.072	PK
3		*	2401.697	99.749	67.674	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/04/10 - 11:43
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

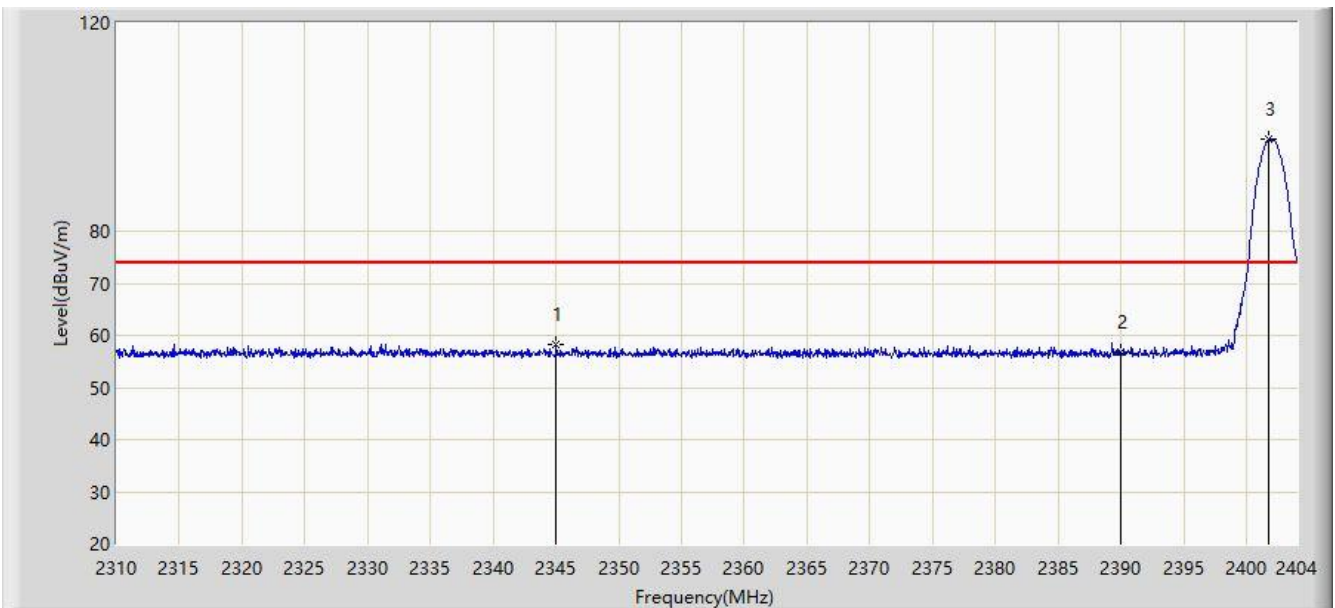


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.882	11.810	-10.118	54.000	32.072	AV
2		*	2402.073	97.221	65.146	N/A	N/A	32.076	AV

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

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

Site: AC1	Time: 2020/04/10 - 11:46
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

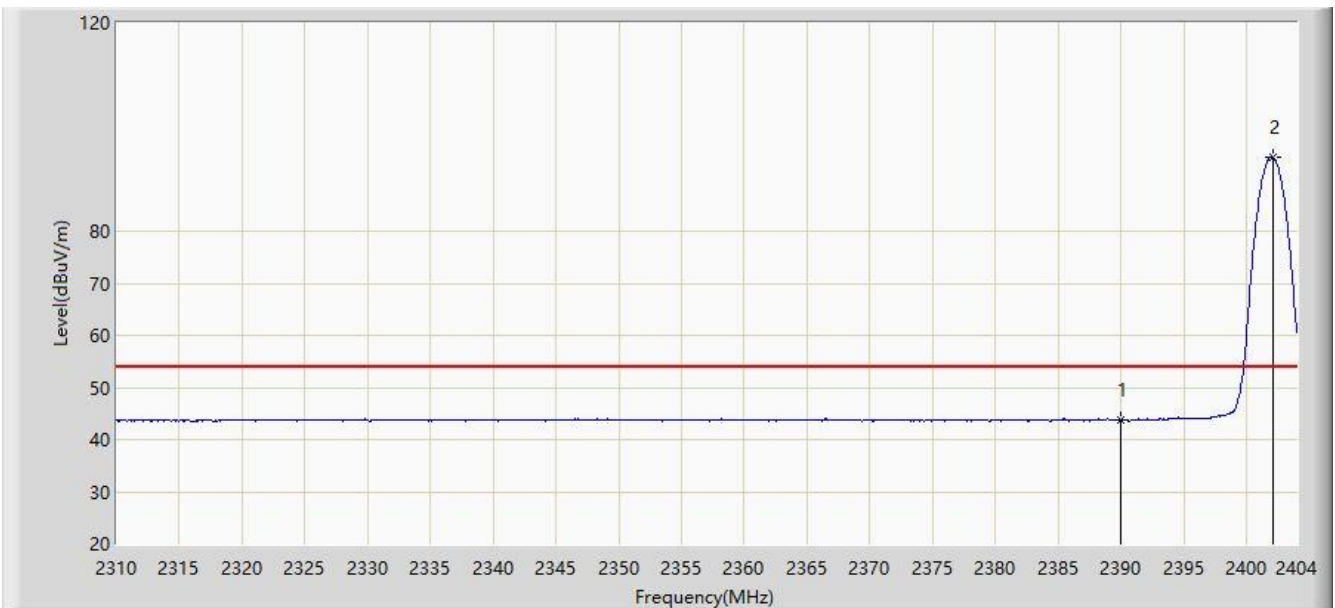


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2345.015	58.165	26.031	-15.835	74.000	32.135	PK
2			2390.000	56.879	24.807	-17.121	74.000	32.072	PK
3		*	2401.791	97.540	65.465	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/04/10 - 11:49
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

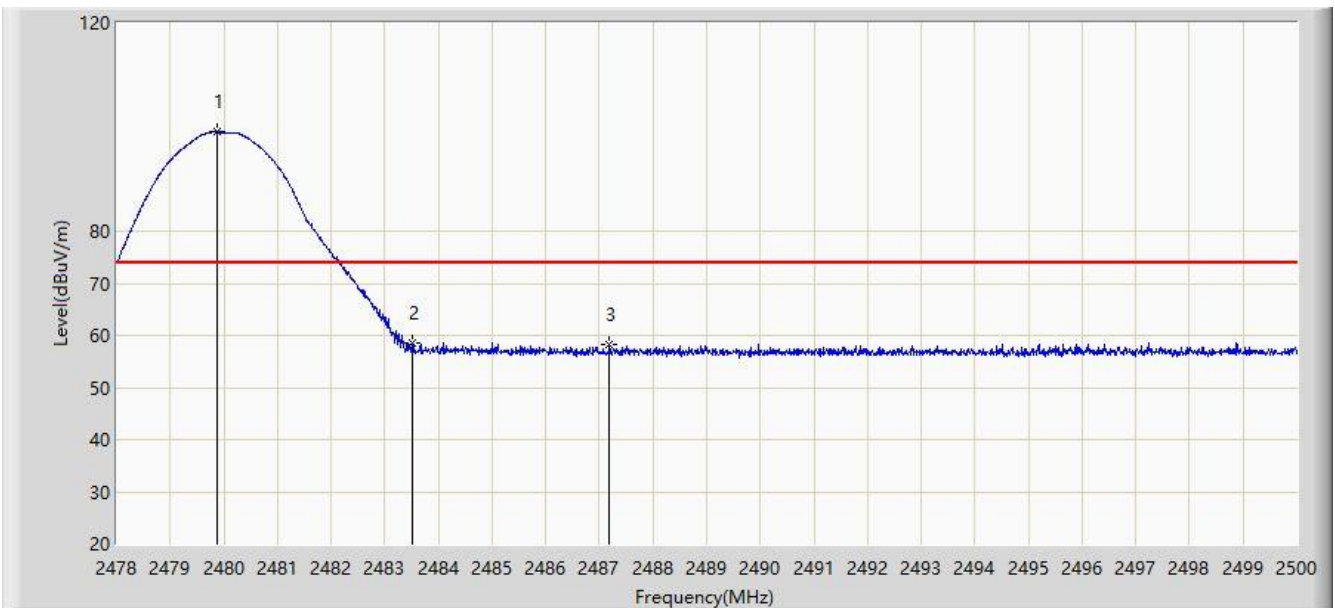


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.770	11.698	-10.230	54.000	32.072	AV
2		*	2402.073	94.234	62.159	N/A	N/A	32.076	AV

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

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

Site: AC1	Time: 2020/04/10 - 11:49
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

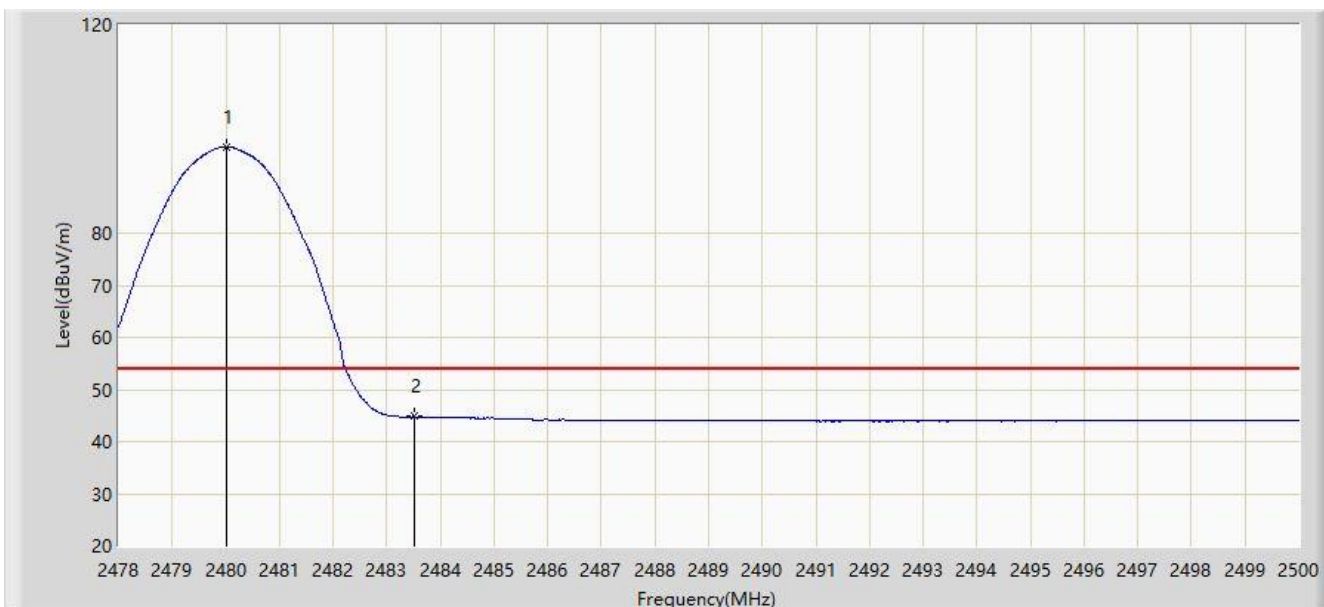


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.870	99.054	67.010	N/A	N/A	32.044	PK
2			2483.500	58.563	26.526	-15.437	74.000	32.037	PK
3			2487.185	58.388	26.358	-15.612	74.000	32.030	PK

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

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

Site: AC1	Time: 2020/04/10 - 11:55
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

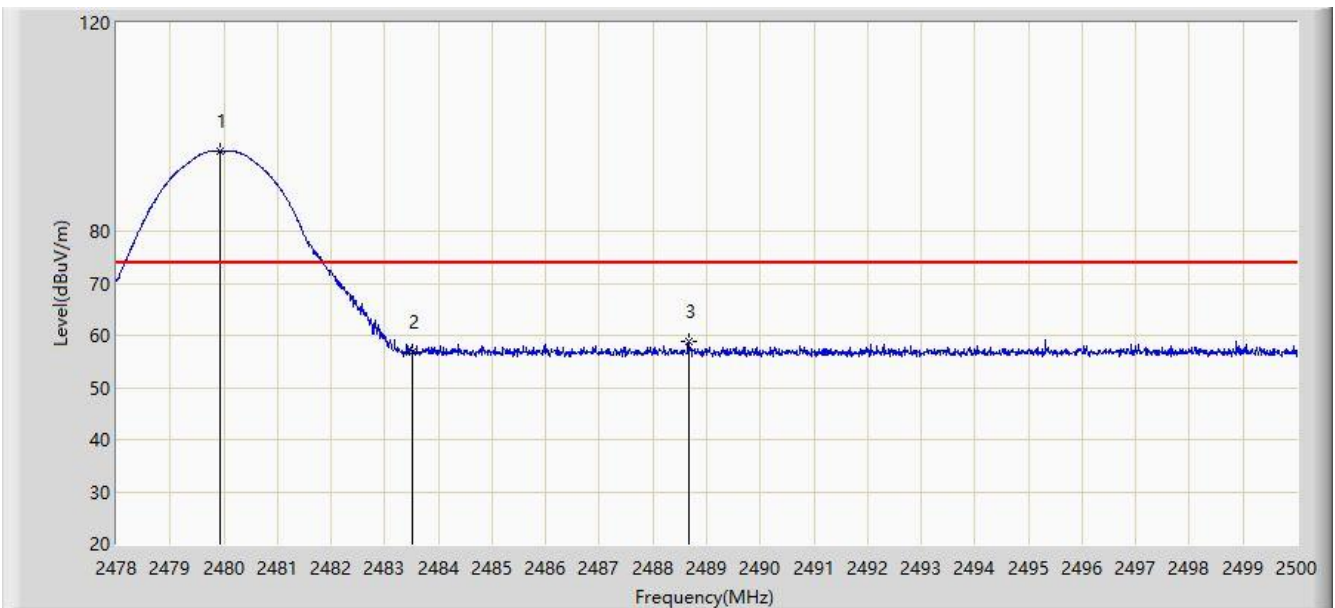


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	96.571	64.527	N/A	N/A	32.044	AV
2			2483.500	44.785	12.748	-9.215	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/04/10 - 11:56
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

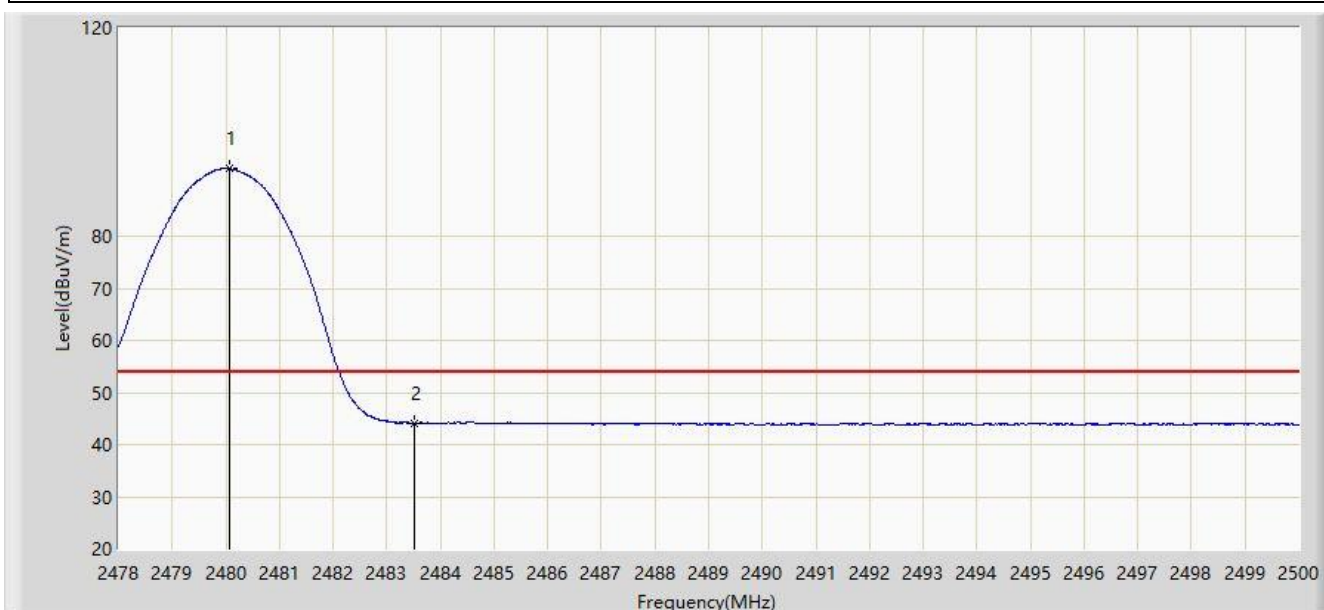


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	95.385	63.341	N/A	N/A	32.044	PK
2			2483.500	56.726	24.689	-17.274	74.000	32.037	PK
3			2488.659	58.757	26.730	-15.243	74.000	32.027	PK

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

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

Site: AC1	Time: 2020/04/10 - 12:00
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

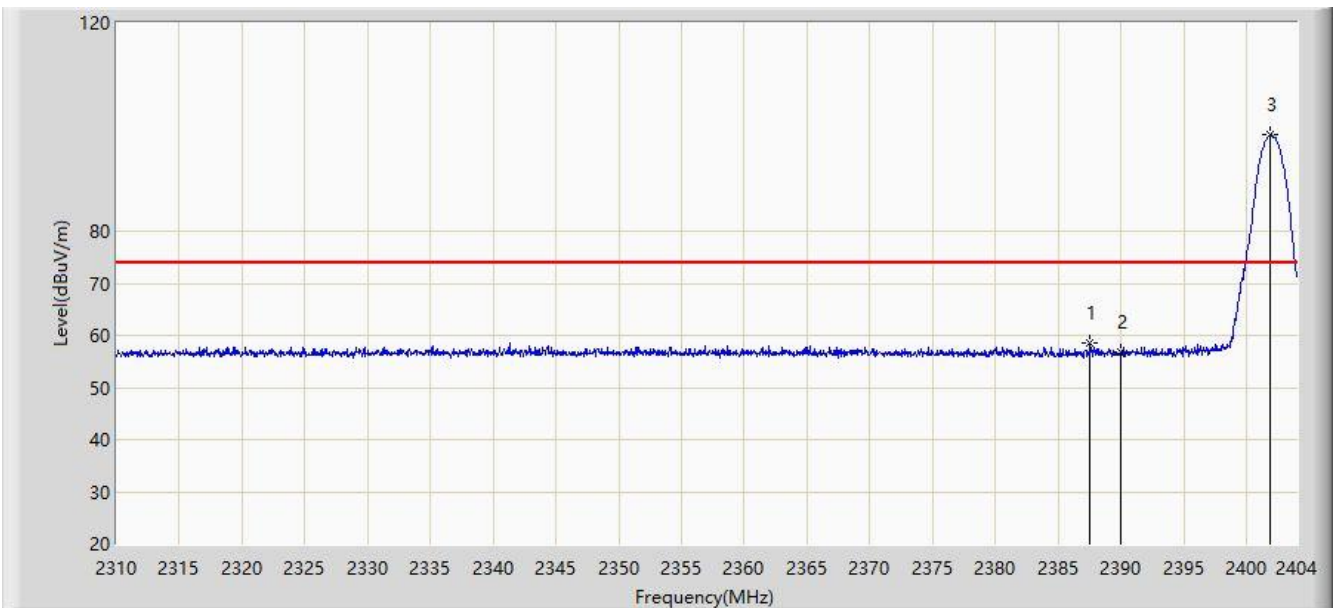


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	92.971	60.928	N/A	N/A	32.043	AV
2			2483.500	44.098	12.061	-9.902	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/04/10 - 12:01
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

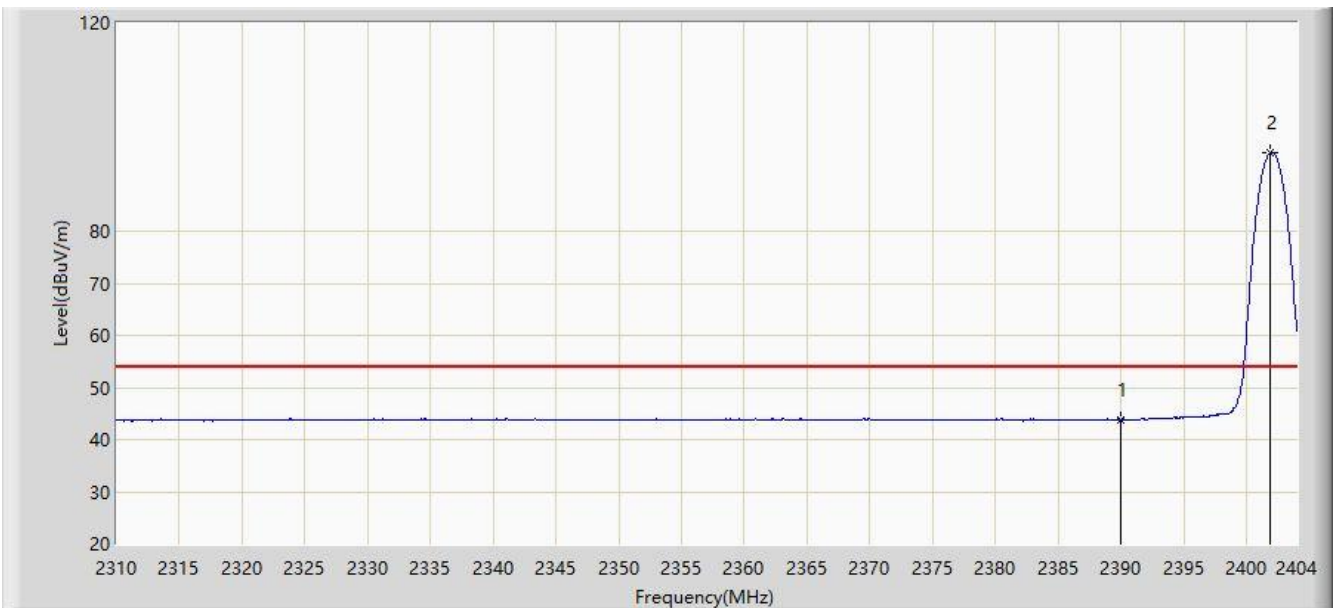


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.503	58.546	26.473	-15.454	74.000	32.073	PK
2			2390.000	56.715	24.643	-17.285	74.000	32.072	PK
3		*	2401.932	98.453	66.378	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/04/10 - 13:08
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

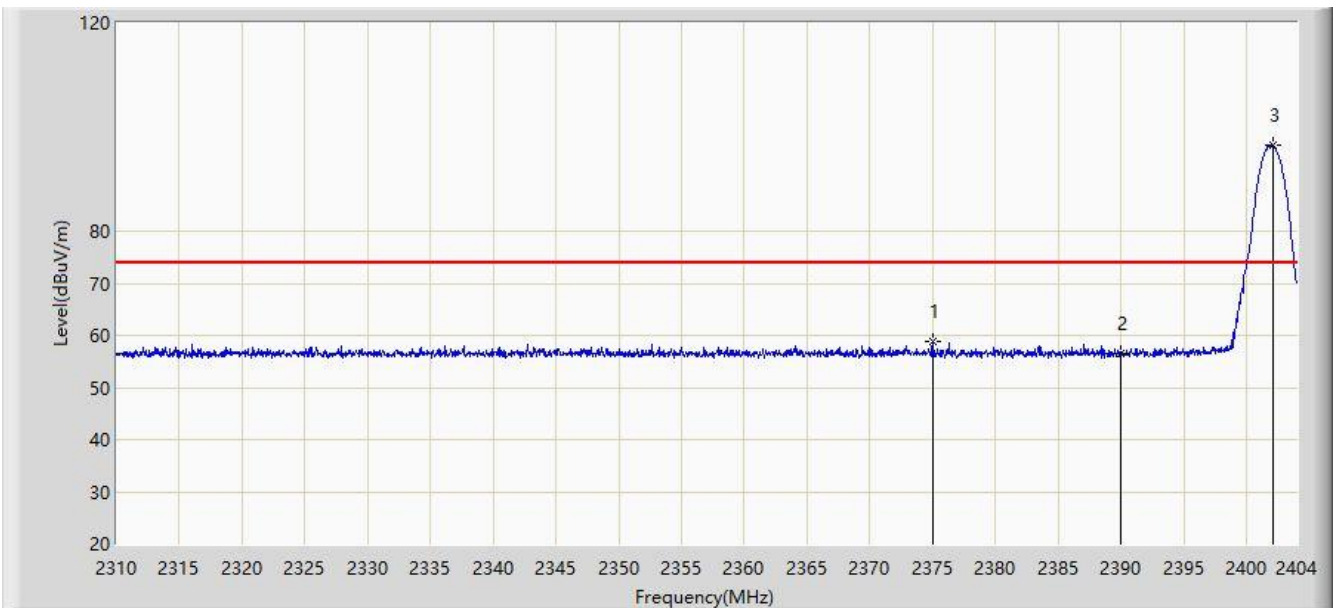


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.839	11.767	-10.161	54.000	32.072	AV
2		*	2401.885	95.099	63.024	N/A	N/A	32.075	AV

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

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

Site: AC1	Time: 2020/04/10 - 13:11
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

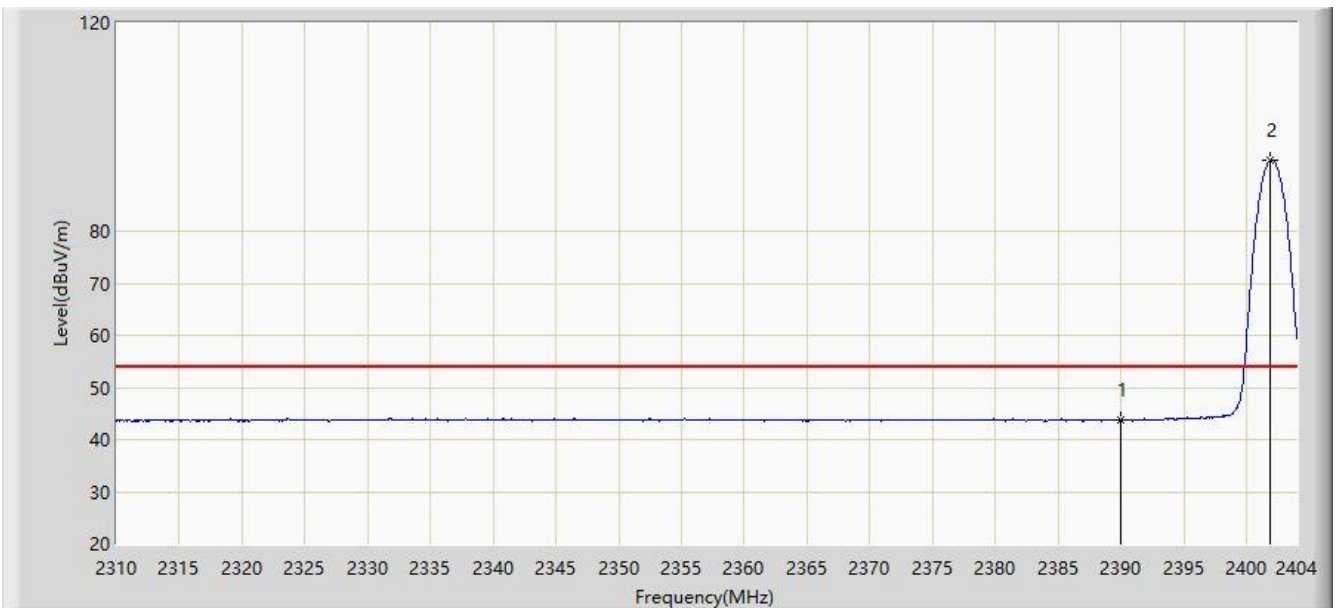


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.001	58.717	26.635	-15.283	74.000	32.082	PK
2			2390.000	56.630	24.558	-17.370	74.000	32.072	PK
3		*	2402.073	96.398	64.323	N/A	N/A	32.076	PK

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

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

Site: AC1	Time: 2020/04/10 - 13:17
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

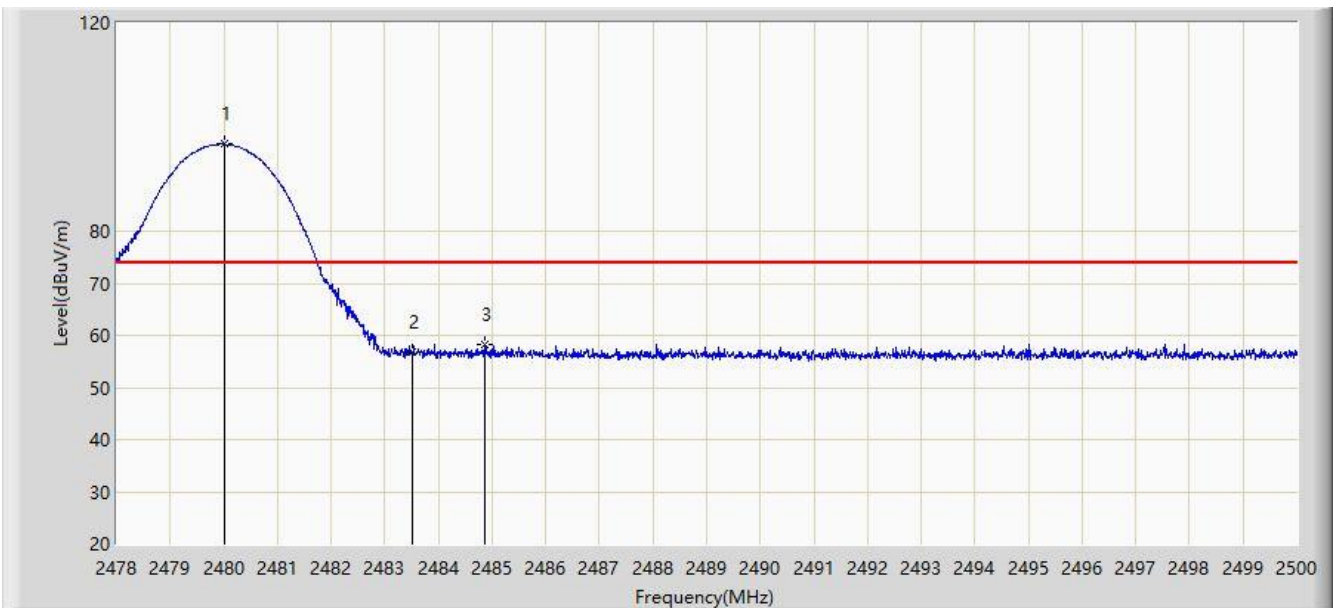


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.839	11.767	-10.161	54.000	32.072	AV
2		*	2401.838	93.538	61.463	N/A	N/A	32.075	AV

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

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

Site: AC1	Time: 2020/04/10 - 13:18
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

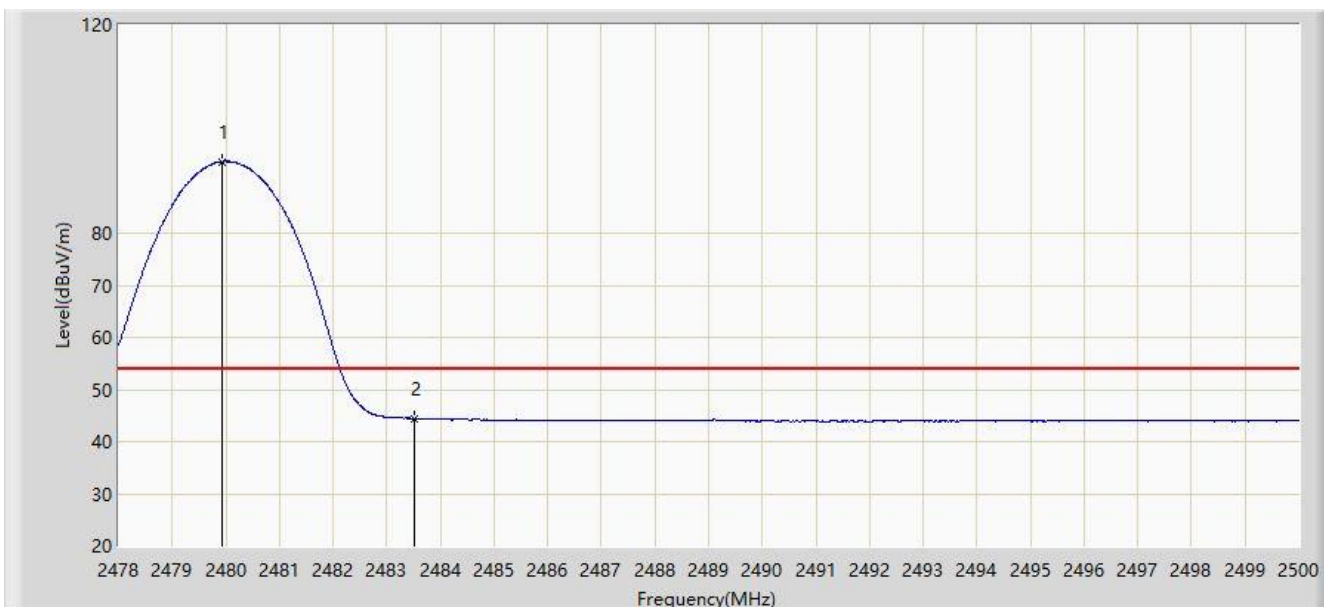


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	96.750	64.706	N/A	N/A	32.044	PK
2			2483.500	56.743	24.706	-17.257	74.000	32.037	PK
3			2484.875	58.272	26.238	-15.728	74.000	32.035	PK

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

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

Site: AC1	Time: 2020/04/10 - 13:24
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

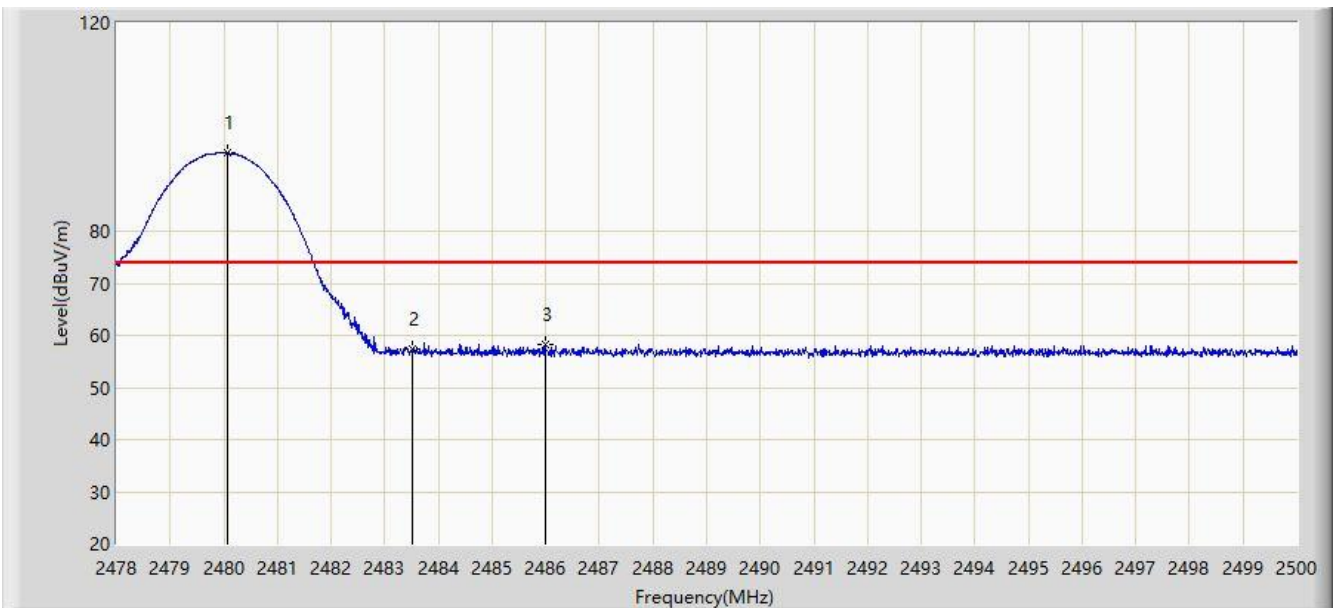


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	93.759	61.715	N/A	N/A	32.044	AV
2			2483.500	44.430	12.393	-9.570	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/04/10 - 13:25
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

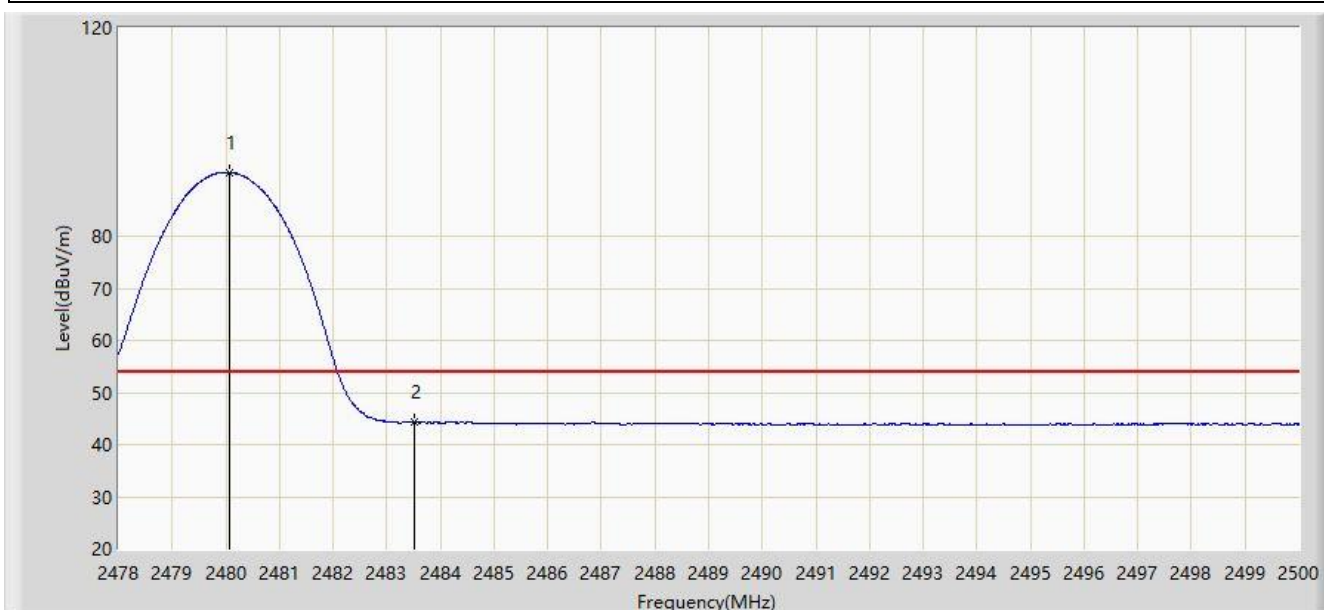


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	95.046	63.003	N/A	N/A	32.043	PK
2			2483.500	57.318	25.281	-16.682	74.000	32.037	PK
3			2485.997	58.232	26.200	-15.768	74.000	32.032	PK

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

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

Site: AC1	Time: 2020/04/10 - 13:29
Limit: FCC_Part15.209_RE (3m)	Engineer: Lewis Huang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	92.234	60.191	N/A	N/A	32.043	AV
2			2483.500	44.214	12.177	-9.786	54.000	32.037	AV

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

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

7.11. AC Conducted Emissions Measurement

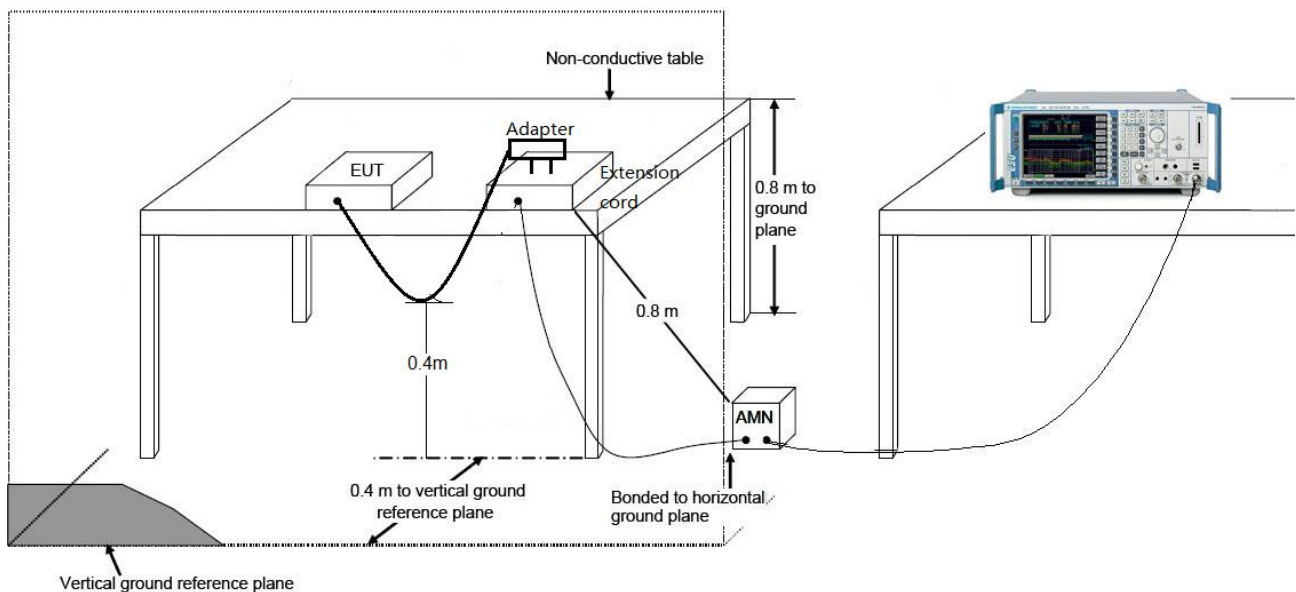
7.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
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.

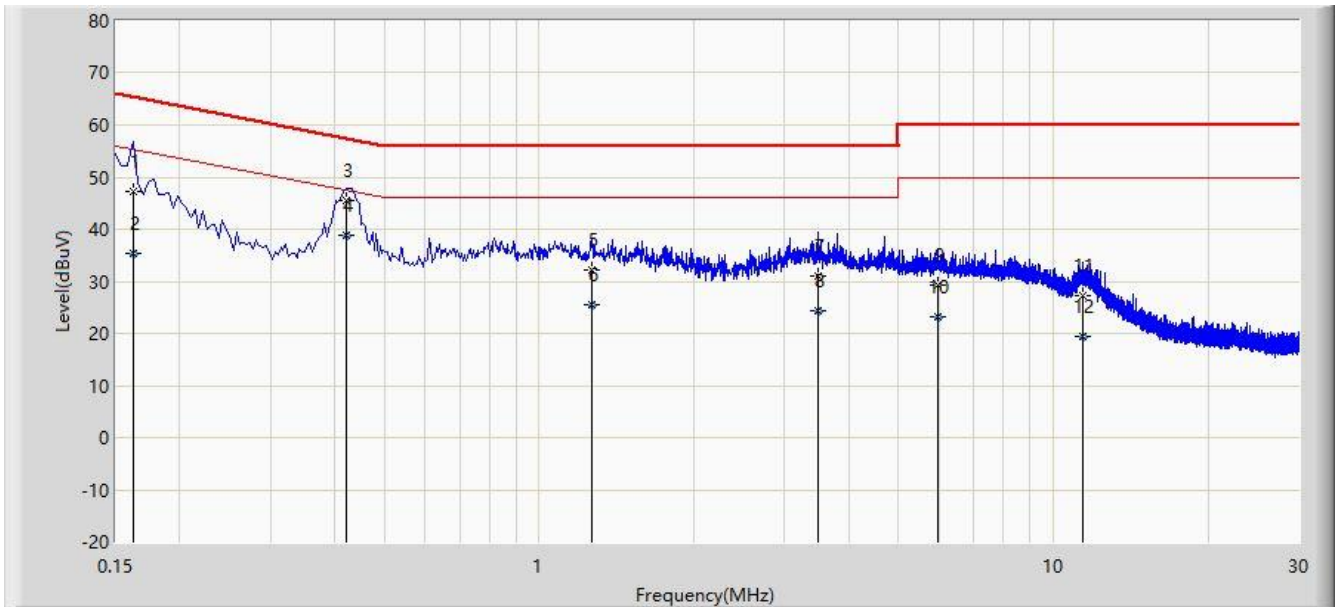
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.11.2. Test Setup



7.11.3.Test Result

Site: SR2	Time: 2020/04/13 - 11:55
Limit: FCC_Part15.207_CE_AC Power	Engineer: Lewis Huang
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Notebook	Power: AC 120V/60Hz
Worst Case Mode: Transmit by DH5 at Channel 2402MHz	

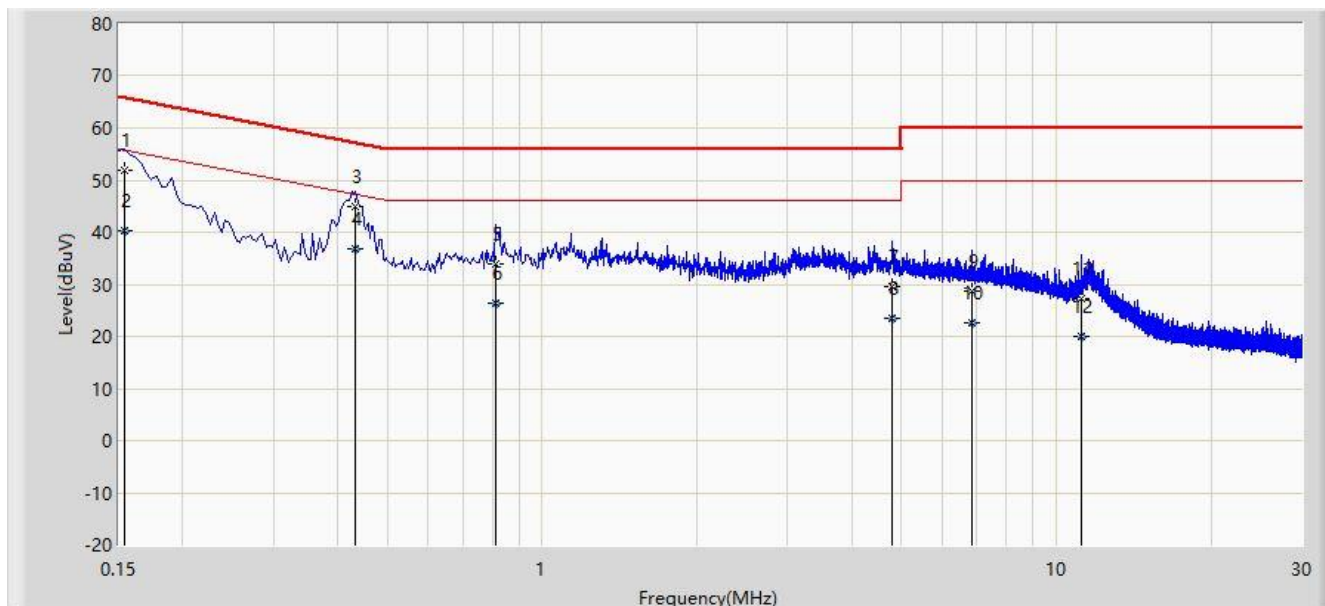


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.162	47.382	36.962	-17.979	65.361	10.419	QP
2			0.162	35.487	25.067	-19.874	55.361	10.419	AV
3			0.422	45.615	35.649	-11.794	57.409	9.966	QP
4		*	0.422	38.905	28.939	-8.504	47.409	9.966	AV
5			1.262	32.240	22.503	-23.760	56.000	9.737	QP
6			1.262	25.452	15.715	-20.548	46.000	9.737	AV
7			3.478	30.969	21.269	-25.031	56.000	9.700	QP
8			3.478	24.313	14.613	-21.687	46.000	9.700	AV
9			5.962	29.246	19.509	-30.754	60.000	9.736	QP
10			5.962	23.091	13.355	-26.909	50.000	9.736	AV
11			11.410	27.124	17.295	-32.876	60.000	9.828	QP
12			11.410	19.406	9.577	-30.594	50.000	9.828	AV

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

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

Site: SR2	Time: 2020/04/13 - 13:11
Limit: FCC_Part15.207_CE_AC Power	Engineer: Lewis Huang
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Notebook	Power: AC 120V/60Hz
Worst Case Mode: Transmit at Channel 2402MHz by DH5	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	51.892	41.223	-13.890	65.781	10.669	QP
2			0.154	40.188	29.519	-15.594	55.781	10.669	AV
3			0.434	45.003	35.034	-12.173	57.176	9.969	QP
4		*	0.434	36.904	26.936	-10.271	47.176	9.969	AV
5			0.810	34.020	24.169	-21.980	56.000	9.851	QP
6			0.810	26.361	16.510	-19.639	46.000	9.851	AV
7			4.786	29.574	19.857	-26.426	56.000	9.718	QP
8			4.786	23.375	13.658	-22.625	46.000	9.718	AV
9			6.838	28.837	19.082	-31.163	60.000	9.755	QP
10			6.838	22.596	12.841	-27.404	50.000	9.755	AV
11			11.194	27.203	17.349	-32.797	60.000	9.854	QP
12			11.194	20.103	10.249	-29.897	50.000	9.854	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 unit is compliance with Part 15C of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to "2004RSU019-UT" file.

Appendix B - EUT Photograph

Refer to “2004RSU019-UE” file.