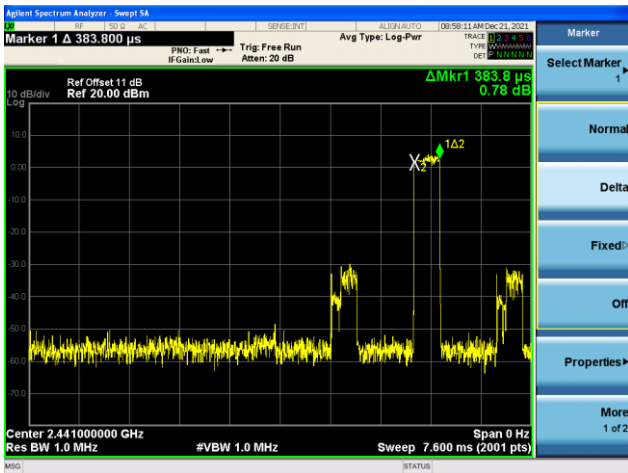
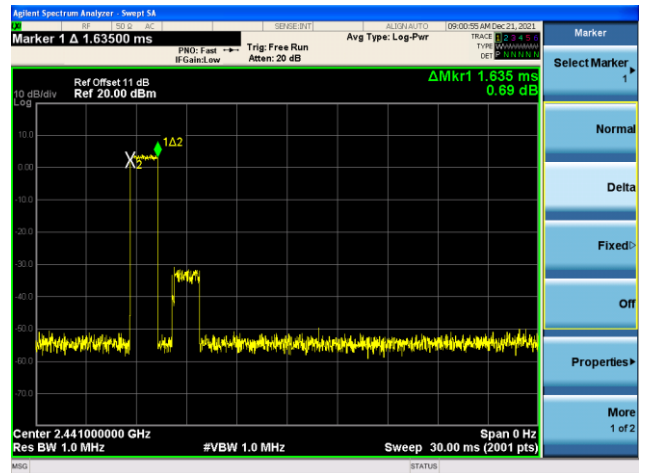


Number of Hops in Sweep Time

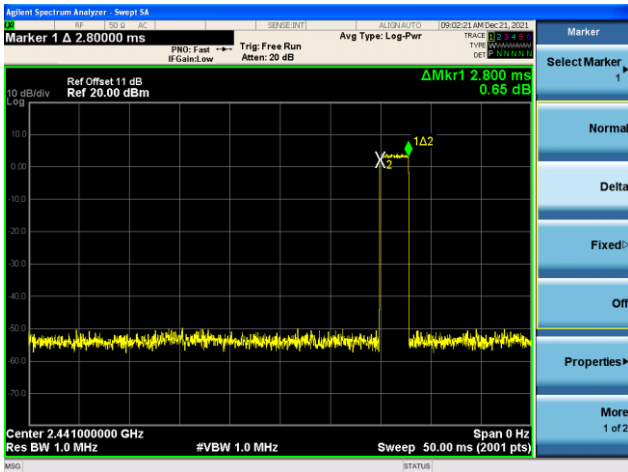
3DH1



3DH3



3DH5



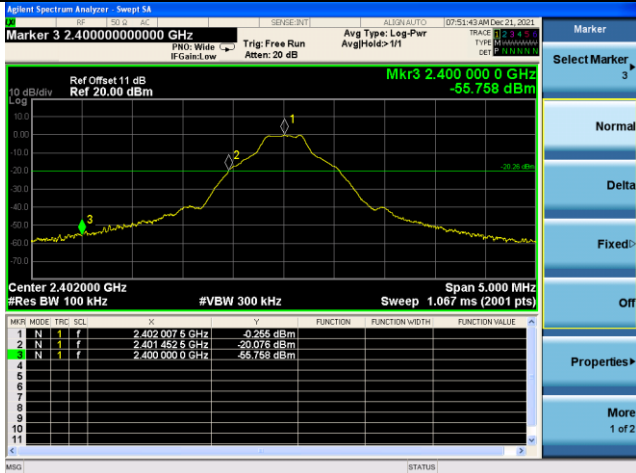
A.7 Band-edge Compliance Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2021/12/21		

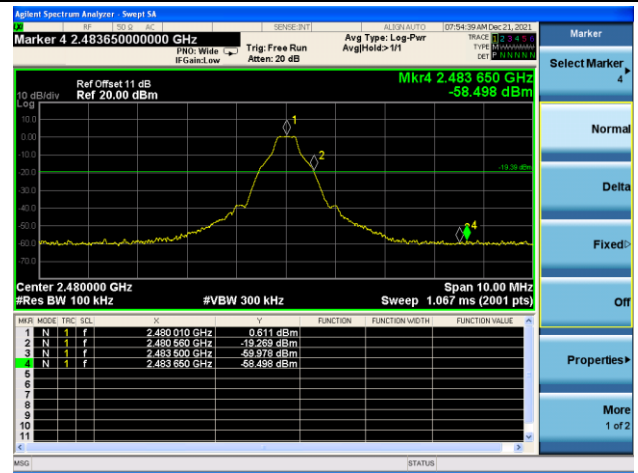
Test Mode	Channel No.	Frequency (MHz)	Limit	Result
DH5	00	2402	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	78	2480	20dBc	Pass

Band-edge Compliance

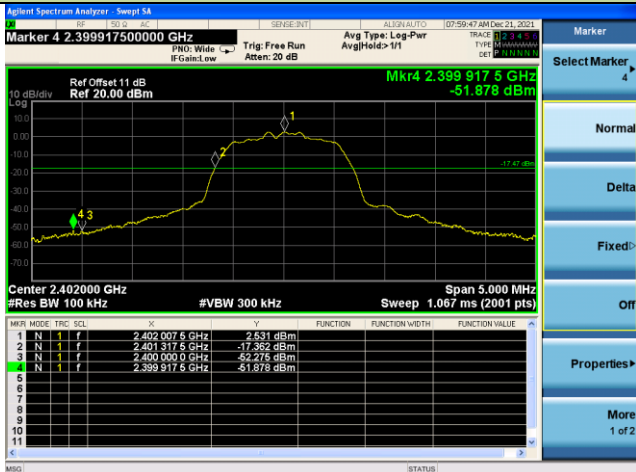
DH5 - Channel 00 (2402MHz)



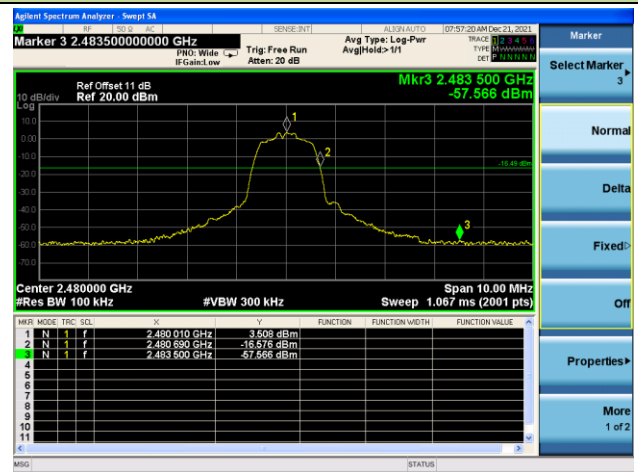
DH5 - Channel 78 (2480MHz)



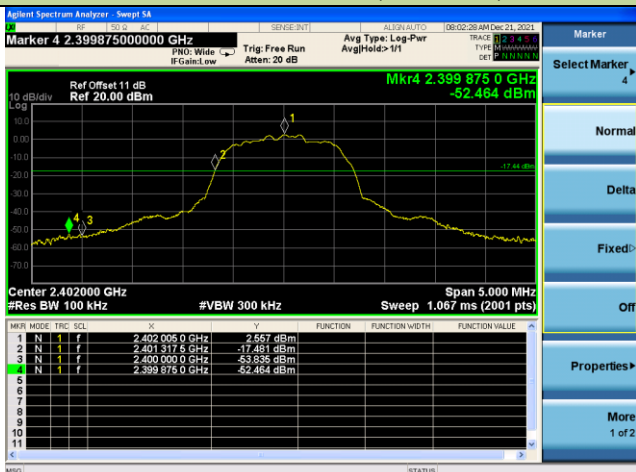
2DH5 - Channel 00 (2402MHz)



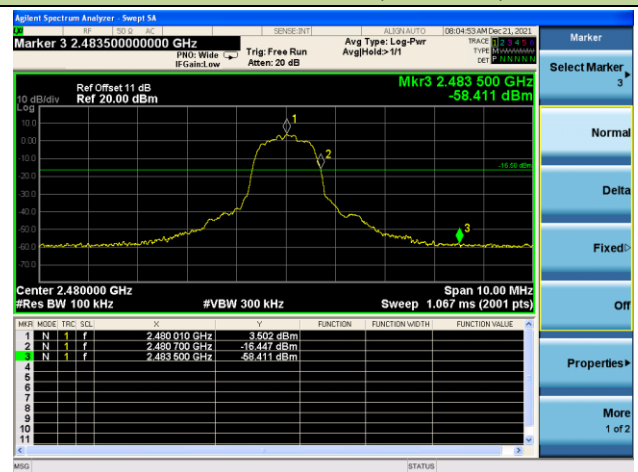
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)

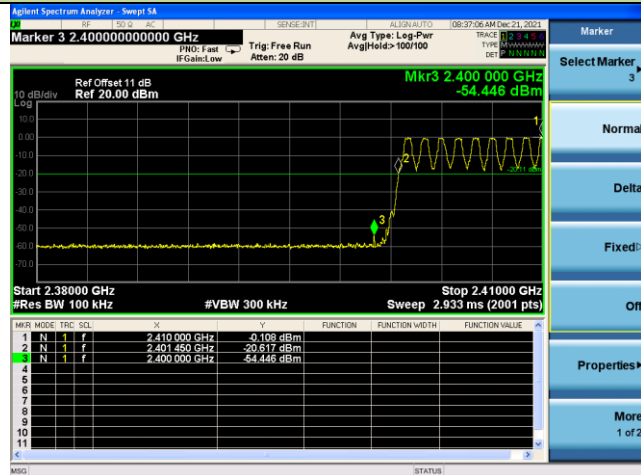


3DH5 - Channel 78 (2480MHz)

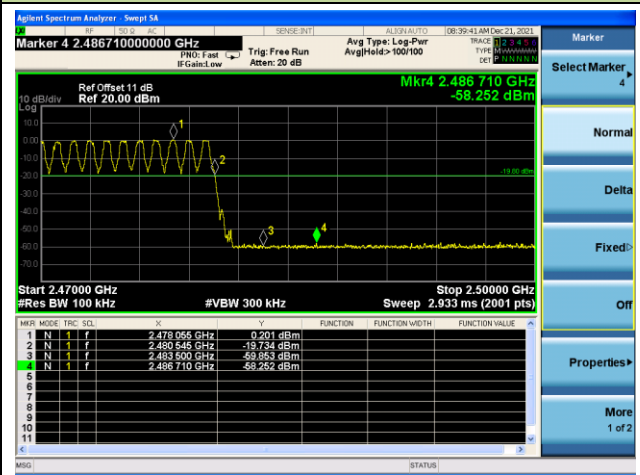


Operation Frequency Range of 20dB Bandwidth within Hopping Mode

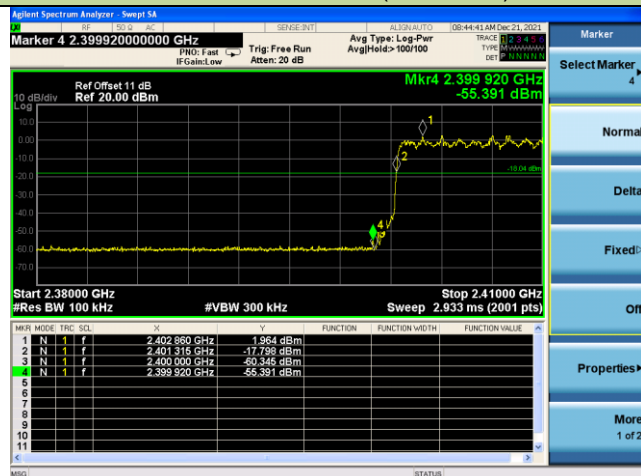
DH5 - Channel 00 (2402MHz)



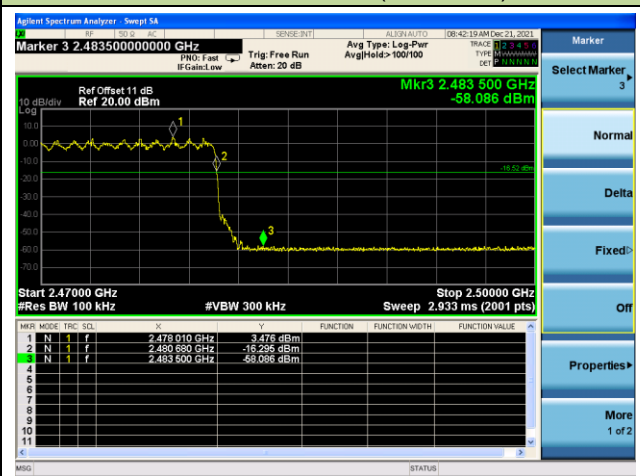
DH5 - Channel 78 (2480MHz)



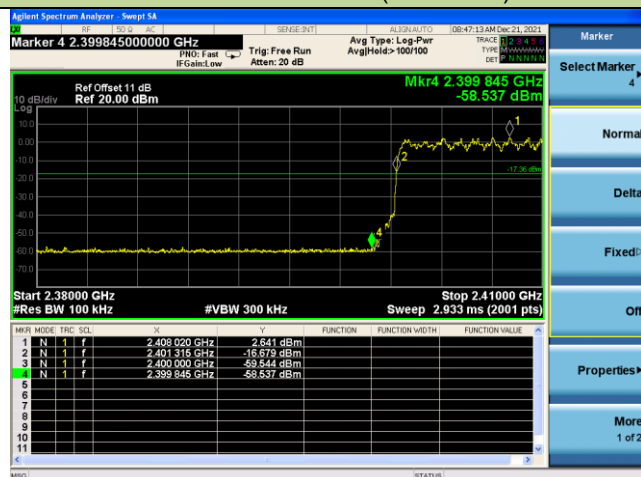
2DH5 - Channel 00 (2402MHz)



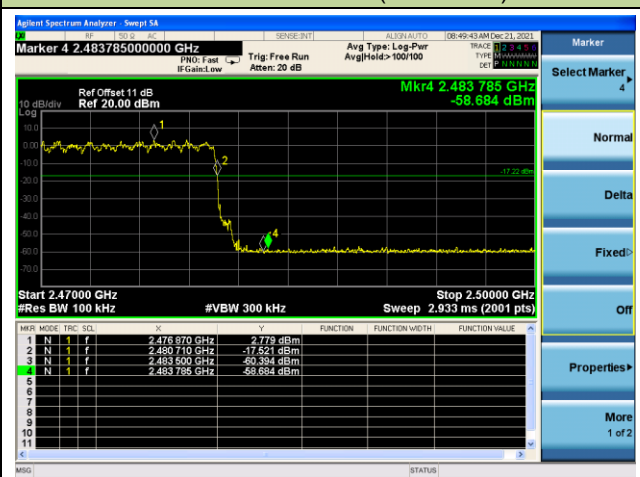
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)



3DH5 - Channel 78 (2480MHz)



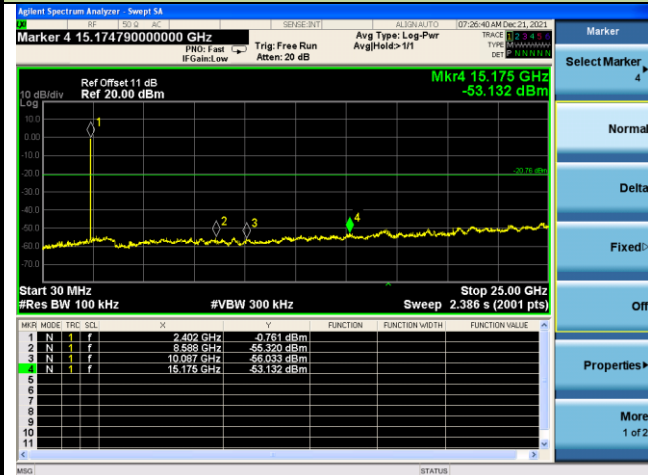
A.8 Conducted Spurious Emissions Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2021/12/21		

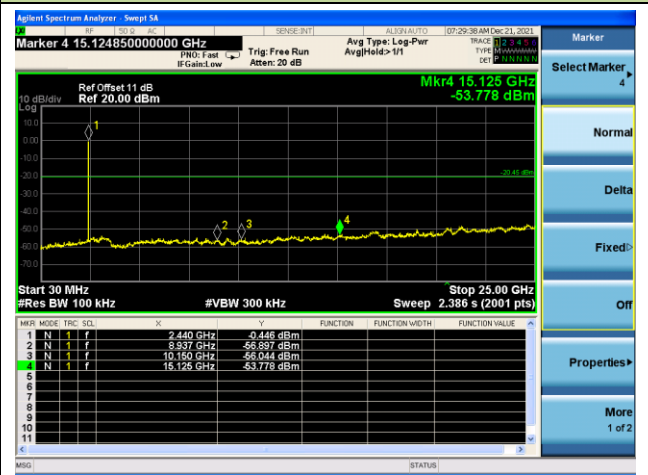
Test Mode	Channel No.	Frequency (MHz)	Limit (MHz)	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

DH5 Conducted Spurious Emissions

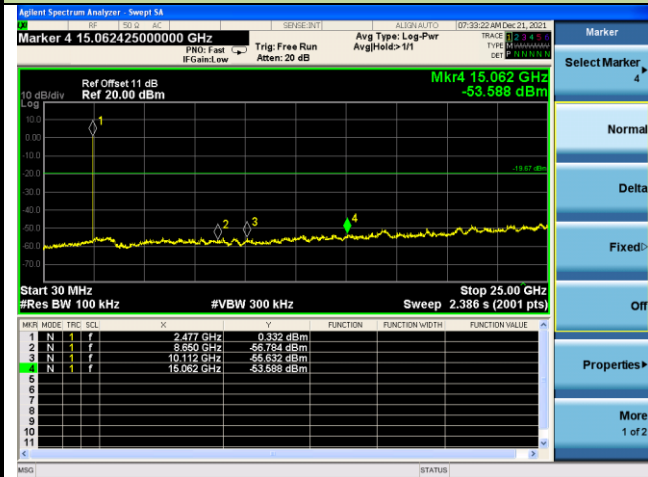
Channel 00 (2402MHz)



Channel 39 (2441MHz)

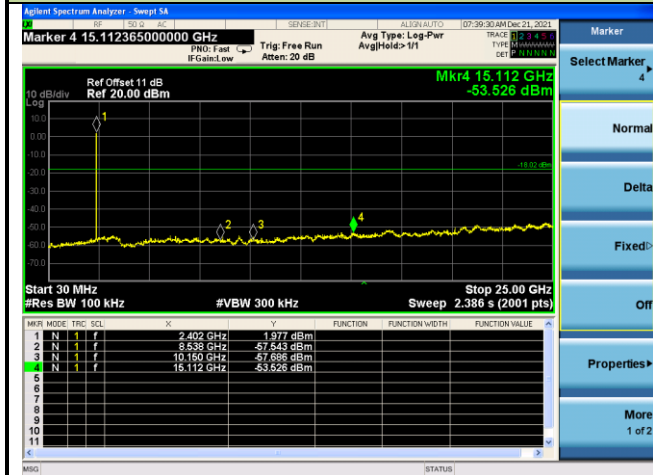


Channel 78 (2480MHz)

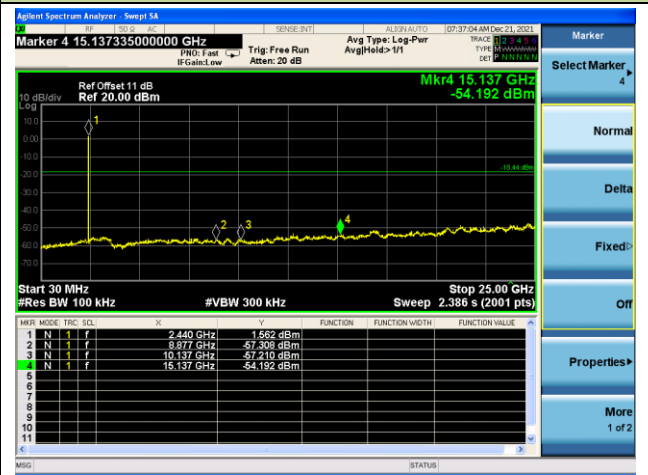


2DH5 Conducted Spurious Emissions

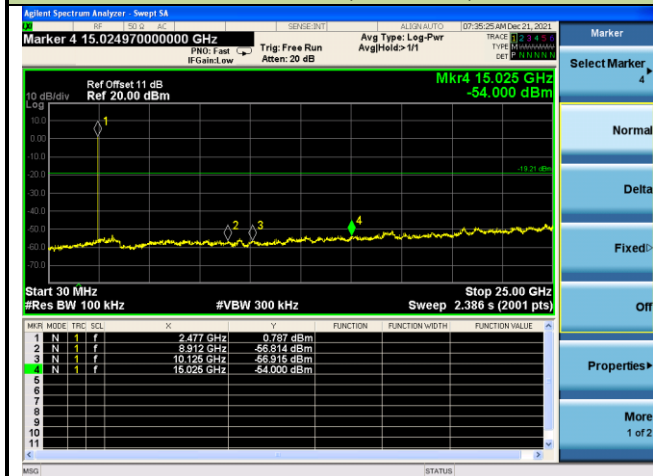
Channel 00 (2402MHz)



Channel 39 (2441MHz)

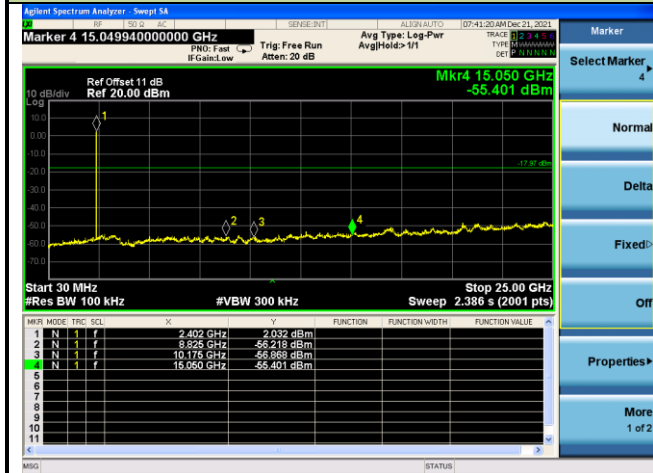


Channel 78 (2480MHz)

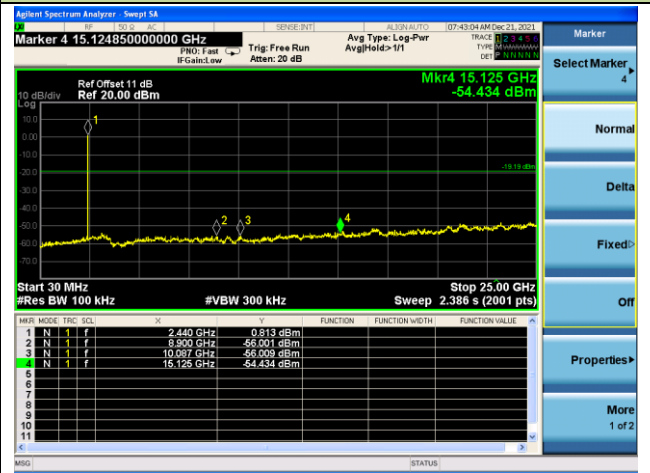


3DH5 Conducted Spurious Emissions

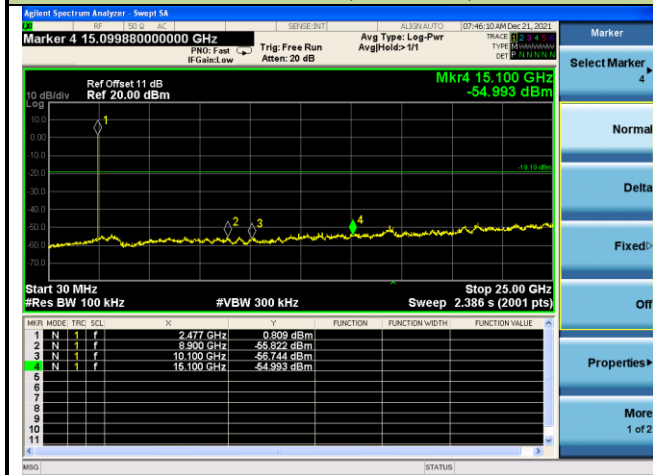
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



A.9 Radiated Spurious Emission Test Result

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/12/21	Test Mode	DH5
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	7655.5	34.1	8.9	43.0	74.0	-31.0	Peak	Horizontal
	8097.5	35.8	9.3	45.1	74.0	-28.9	Peak	Horizontal
	11565.5	32.0	15.7	47.7	74.0	-26.3	Peak	Horizontal
	7587.5	33.3	9.1	42.4	74.0	-31.6	Peak	Vertical
	8148.5	35.4	9.4	44.8	74.0	-29.2	Peak	Vertical
	11557.0	32.1	15.8	47.9	74.0	-26.1	Peak	Vertical
39	7706.5	33.9	8.5	42.4	74.0	-31.6	Peak	Horizontal
	8395.0	33.4	10.1	43.5	74.0	-30.5	Peak	Horizontal
	11625.0	31.4	16.3	47.7	74.0	-26.3	Peak	Horizontal
	7545.0	33.3	8.9	42.2	74.0	-31.8	Peak	Vertical
	8080.5	35.5	9.4	44.9	74.0	-29.1	Peak	Vertical
	10681.5	34.1	13.9	48.0	74.0	-26.0	Peak	Vertical
78	7638.5	32.8	8.8	41.6	74.0	-32.4	Peak	Horizontal
	8293.0	32.3	9.7	42.0	74.0	-32.0	Peak	Horizontal
	11616.5	31.9	16.2	48.1	74.0	-25.9	Peak	Horizontal
	7528.0	33.3	9.2	42.5	74.0	-31.5	Peak	Vertical
	8352.5	34.4	10.0	44.4	74.0	-29.6	Peak	Vertical
	10894.0	33.1	14.8	47.9	74.0	-26.1	Peak	Vertical

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

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/12/21	Test Mode	2DH5
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	7477.0	30.6	9.0	39.6	74.0	-34.4	Peak	Horizontal
	8412.0	33.0	10.2	43.2	74.0	-30.8	Peak	Horizontal
	11115.0	32.2	15.6	47.8	74.0	-26.2	Peak	Horizontal
	7545.0	32.1	8.9	41.0	74.0	-33.0	Peak	Vertical
	8412.0	34.0	10.2	44.2	74.0	-29.8	Peak	Vertical
	11506.0	32.8	15.5	48.3	74.0	-25.7	Peak	Vertical
39	7698.0	33.6	8.4	42.0	74.0	-32.0	Peak	Horizontal
	8233.5	33.3	9.5	42.8	74.0	-31.2	Peak	Horizontal
	11089.5	32.8	15.1	47.9	74.0	-26.1	Peak	Horizontal
	7740.5	33.8	8.6	42.4	74.0	-31.6	Peak	Vertical
	8097.5	35.4	9.3	44.7	74.0	-29.3	Peak	Vertical
	11650.5	31.8	15.5	47.3	74.0	-26.7	Peak	Vertical
78	7664.0	33.7	8.8	42.5	74.0	-31.5	Peak	Horizontal
	8471.5	33.6	10.7	44.3	74.0	-29.7	Peak	Horizontal
	11106.5	32.6	15.3	47.9	74.0	-26.1	Peak	Horizontal
	7621.5	33.4	8.7	42.1	74.0	-31.9	Peak	Vertical
	8335.5	34.5	9.9	44.4	74.0	-29.6	Peak	Vertical
	11004.5	32.9	14.9	47.8	74.0	-26.2	Peak	Vertical

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

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/12/21	Test Mode	3DH5
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.		

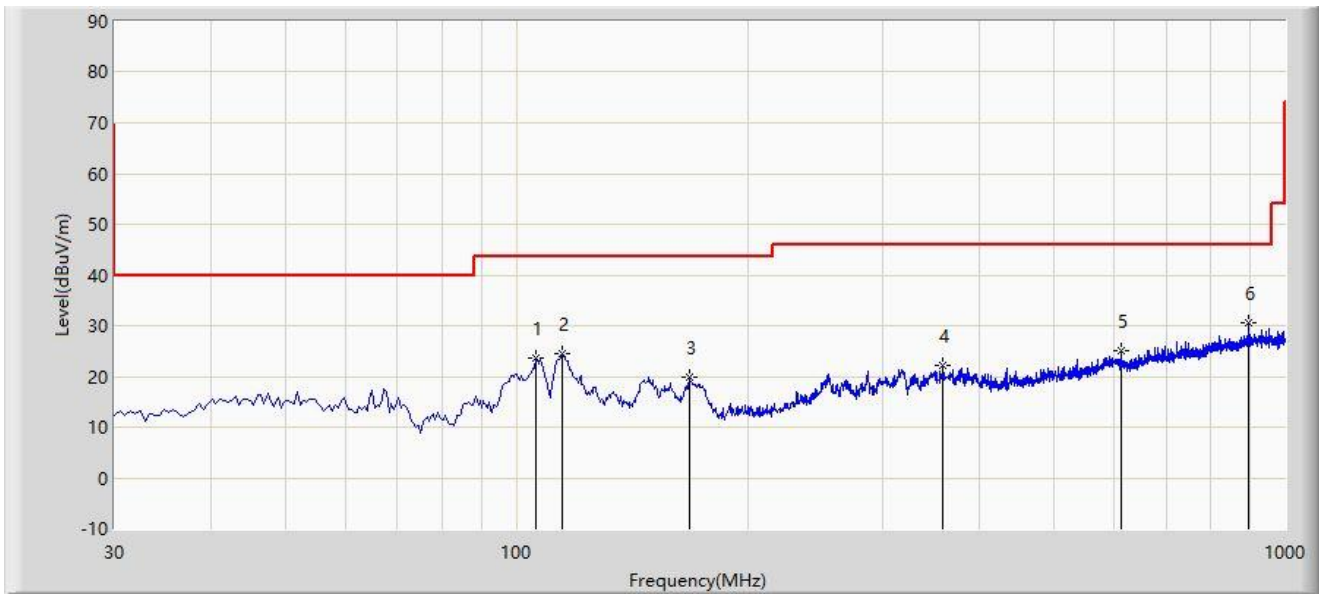
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	7672.5	32.5	8.8	41.3	74.0	-32.7	Peak	Horizontal
	8412.0	34.0	10.2	44.2	74.0	-29.8	Peak	Horizontal
	11072.5	32.8	15.2	48.0	74.0	-26.0	Peak	Horizontal
	7681.0	34.3	8.8	43.1	74.0	-30.9	Peak	Vertical
	8344.0	34.1	10.1	44.2	74.0	-29.8	Peak	Vertical
	11081.0	32.9	15.2	48.1	74.0	-25.9	Peak	Vertical
39	7647.0	33.4	8.9	42.3	74.0	-31.7	Peak	Horizontal
	8310.0	33.8	9.9	43.7	74.0	-30.3	Peak	Horizontal
	11055.5	32.3	15.0	47.3	74.0	-26.7	Peak	Horizontal
	7358.0	33.0	9.1	42.1	74.0	-31.9	Peak	Vertical
	8344.0	33.3	10.1	43.4	74.0	-30.6	Peak	Vertical
	11625.0	31.1	16.3	47.4	74.0	-26.6	Peak	Vertical
78	7715.0	34.6	8.6	43.2	74.0	-30.8	Peak	Horizontal
	8335.5	32.7	9.9	42.6	74.0	-31.4	Peak	Horizontal
	11718.5	31.4	15.4	46.8	74.0	-27.2	Peak	Horizontal
	7621.5	33.5	8.7	42.2	74.0	-31.8	Peak	Vertical
	8420.5	34.0	10.2	44.2	74.0	-29.8	Peak	Vertical
	10979.0	32.7	14.5	47.2	74.0	-26.8	Peak	Vertical

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

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

The Result of Radiated Emission below 1GHz:

Site: NS-AC1	Time: 2021/12/21 - 10:24
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2441MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			106.145	23.756	8.589	-19.744	43.500	15.166	PK
2			114.875	24.355	10.308	-19.145	43.500	14.047	PK
3			167.740	19.846	7.405	-23.654	43.500	12.441	PK
4			358.345	22.233	4.421	-23.767	46.000	17.812	PK
5			612.000	25.073	1.708	-20.927	46.000	23.365	PK
6		*	896.695	30.466	2.800	-15.534	46.000	27.665	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

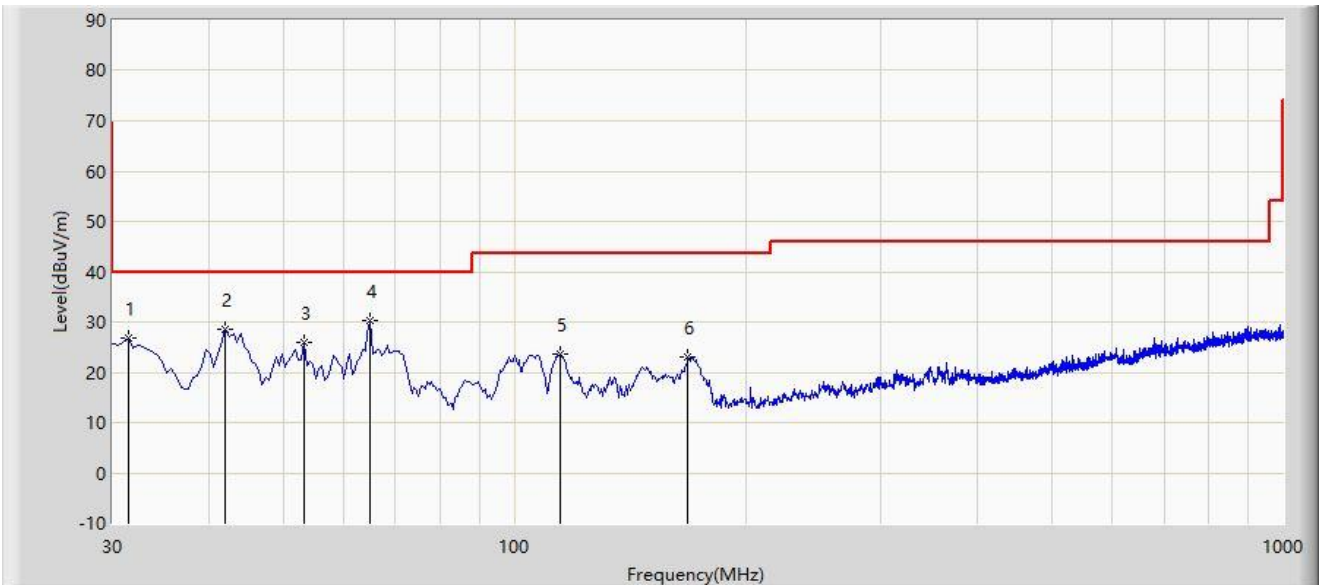
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: NS-AC1	Time: 2021/12/21 - 10:26
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2441MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			31.455	26.858	12.713	-13.142	40.000	14.145	PK
2			42.125	28.420	11.615	-11.580	40.000	16.805	PK
3			53.280	26.040	8.693	-13.960	40.000	17.347	PK
4		*	64.920	30.294	15.606	-9.706	40.000	14.688	PK
5			114.875	23.750	9.703	-19.750	43.500	14.047	PK
6			168.225	22.911	10.450	-20.589	43.500	12.461	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

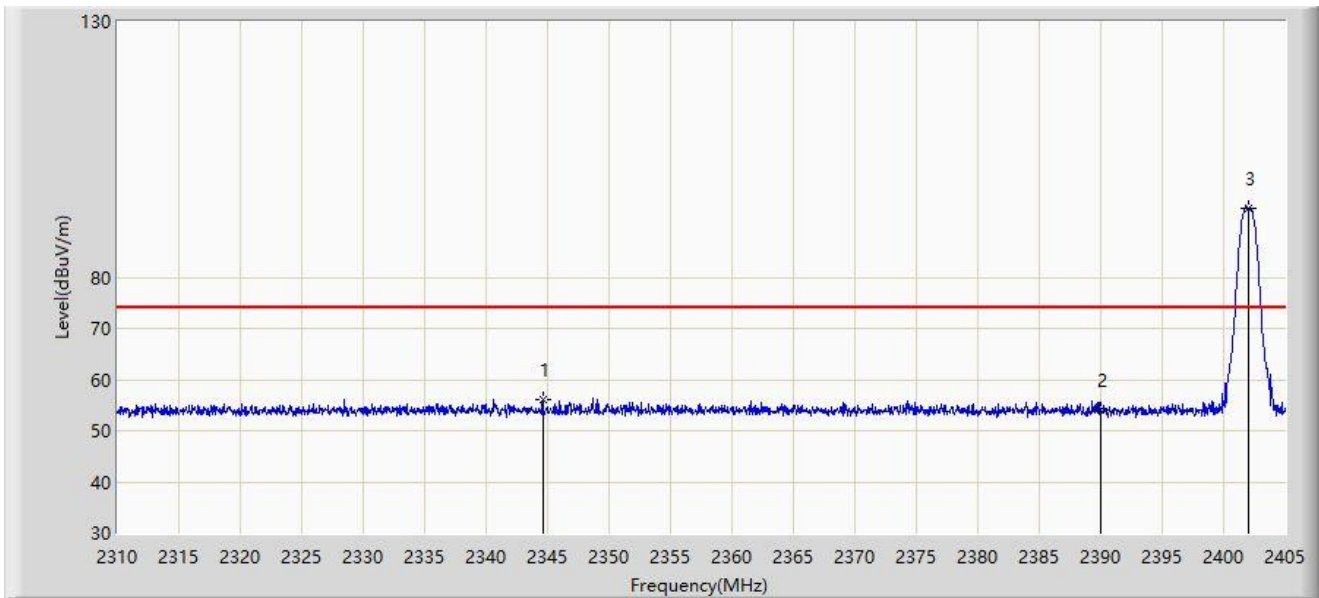
Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

A.10 Radiated Restricted Band Edge Test Result

Site: NS-AC1	Time: 2021/12/18 - 12:57
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

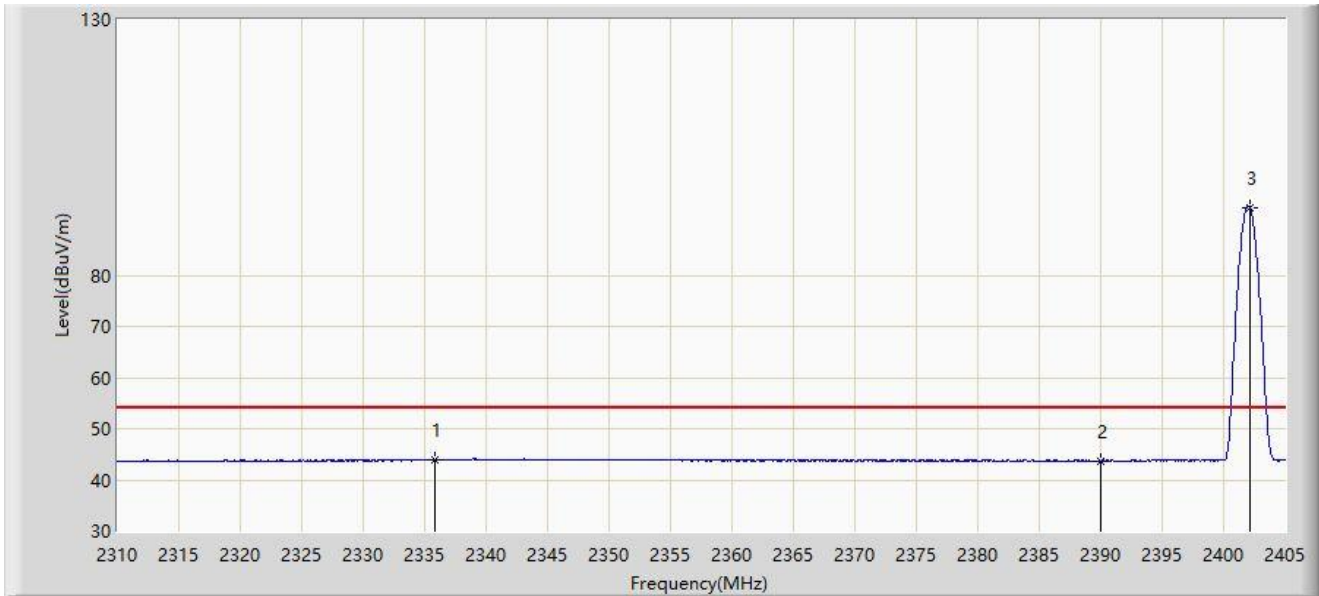


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2344.627	56.096	24.927	-17.904	74.000	31.169	PK
2			2390.000	54.090	23.187	-19.910	74.000	30.903	PK
3		*	2402.008	93.594	62.659	N/A	N/A	30.935	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

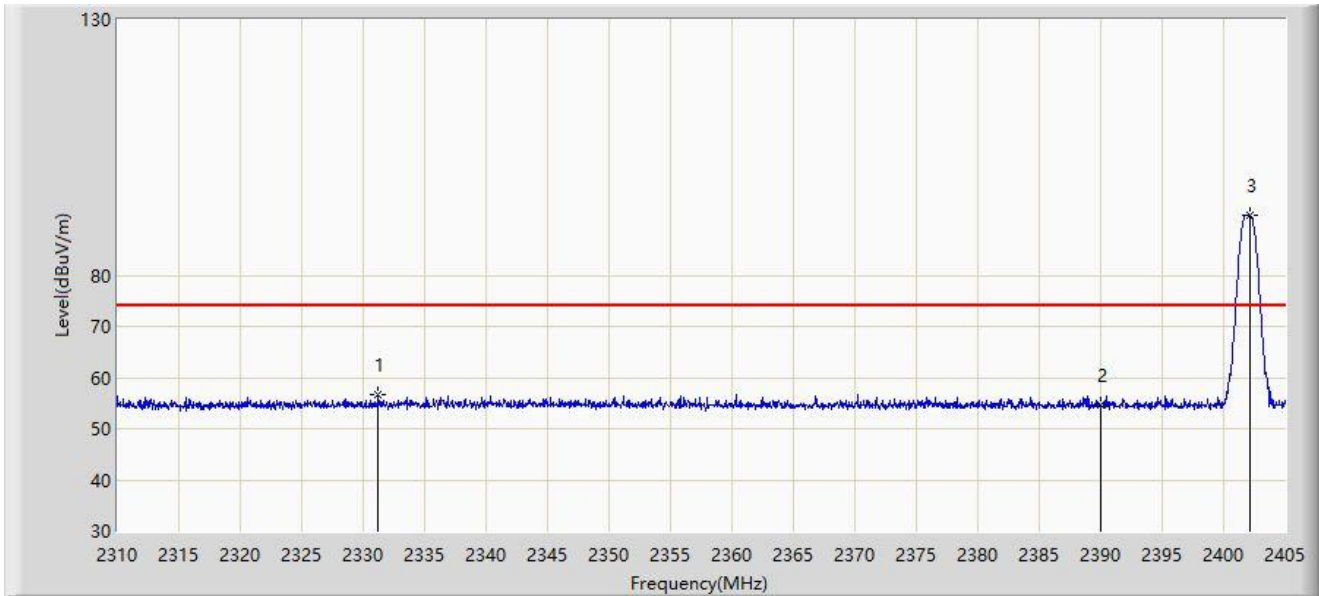


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2335.792	43.835	12.671	-10.165	54.000	31.165	AV
2			2390.000	43.671	12.768	-10.329	54.000	30.903	AV
3		*	2402.150	93.258	62.322	N/A	N/A	30.936	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:03
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

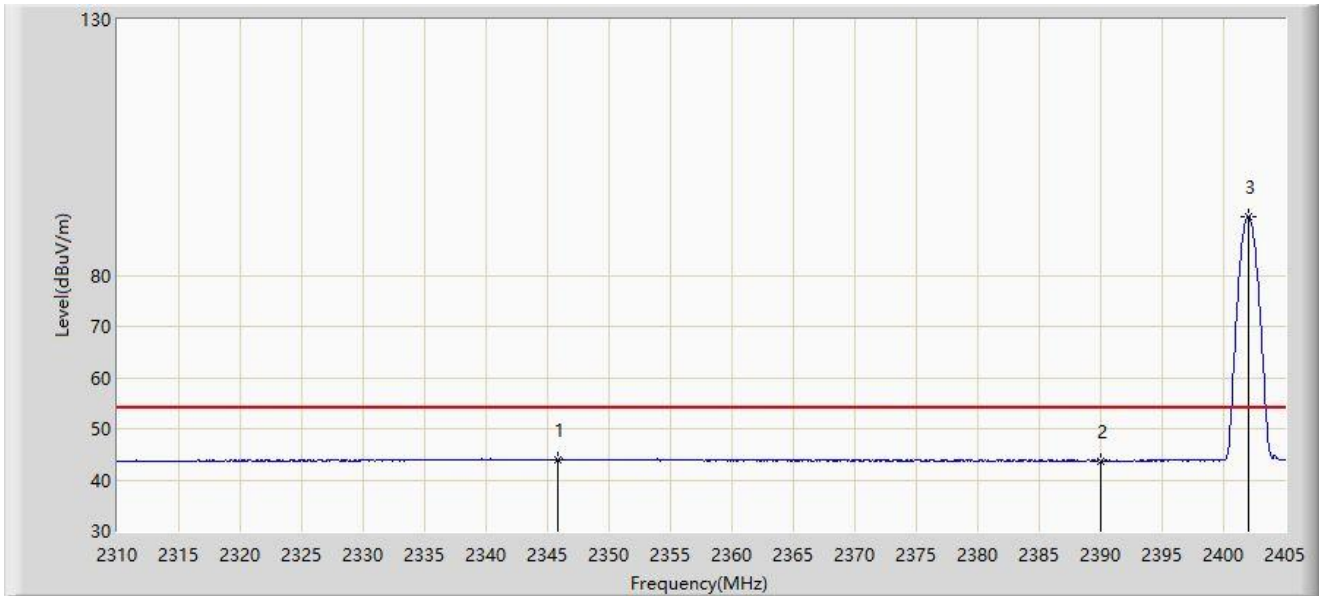


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2331.232	56.653	25.504	-17.347	74.000	31.149	PK
2			2390.000	54.594	23.691	-19.406	74.000	30.903	PK
3		*	2402.150	91.780	60.844	N/A	N/A	30.936	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:04
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

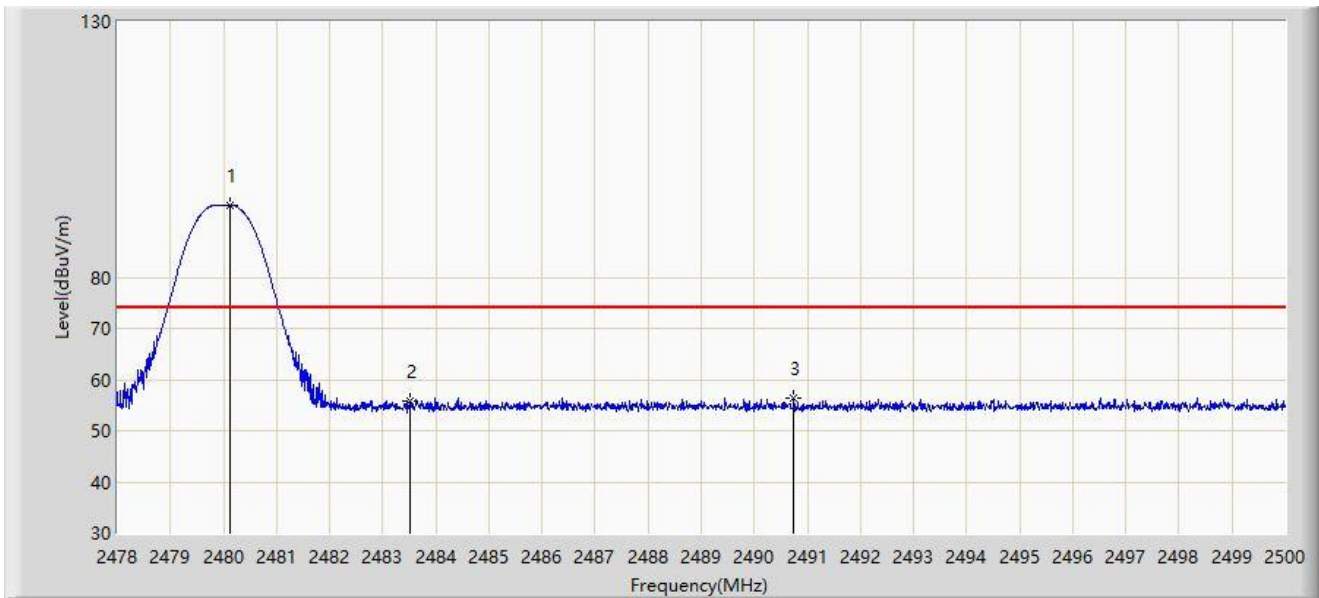


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2345.863	43.926	12.771	-10.074	54.000	31.154	AV
2			2390.000	43.636	12.733	-10.364	54.000	30.903	AV
3		*	2402.008	91.401	60.466	N/A	N/A	30.935	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:06
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

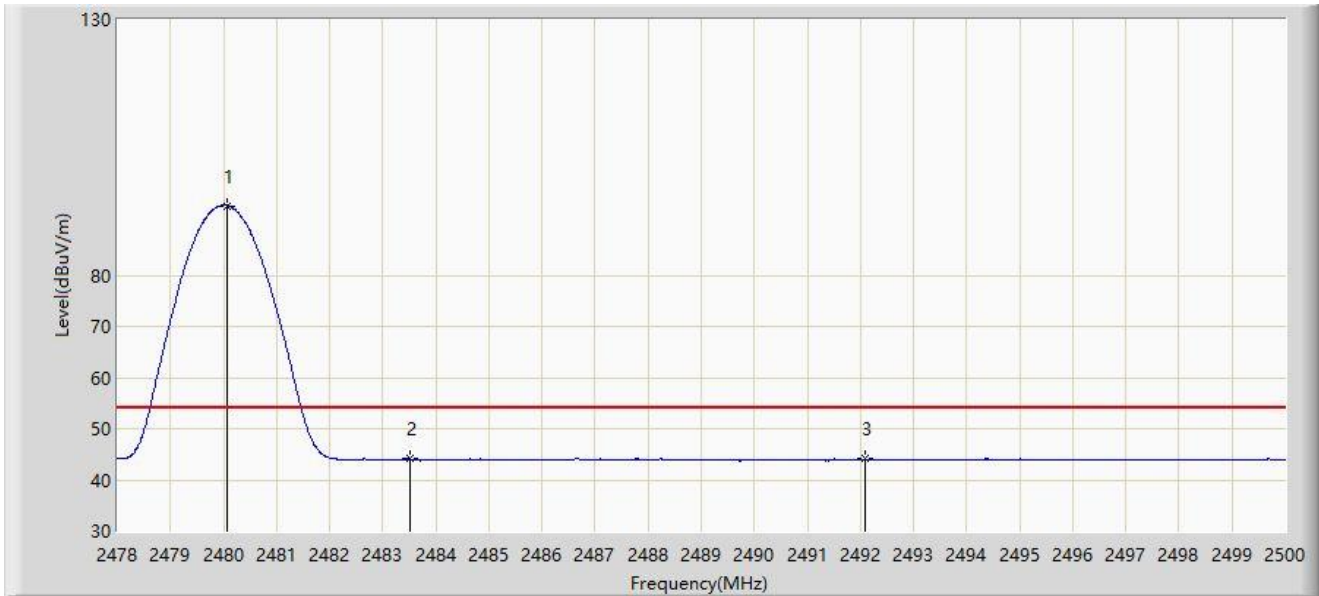


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2480.112	94.042	63.170	N/A	N/A	30.872	PK
2			2483.500	55.782	24.893	-18.218	74.000	30.889	PK
3			2490.749	56.460	25.535	-17.540	74.000	30.925	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:08
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

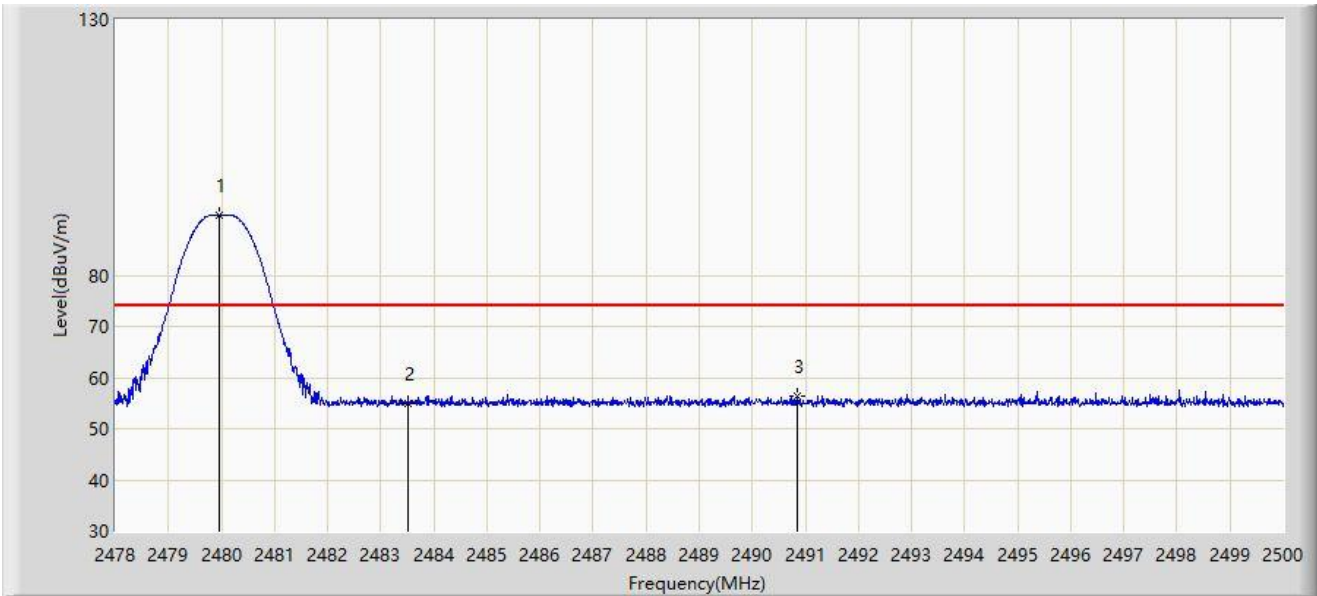


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2480.079	93.601	62.729	N/A	N/A	30.872	AV
2			2483.500	44.130	13.241	-9.870	54.000	30.889	AV
3			2492.080	44.058	13.126	-9.942	54.000	30.932	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:09
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

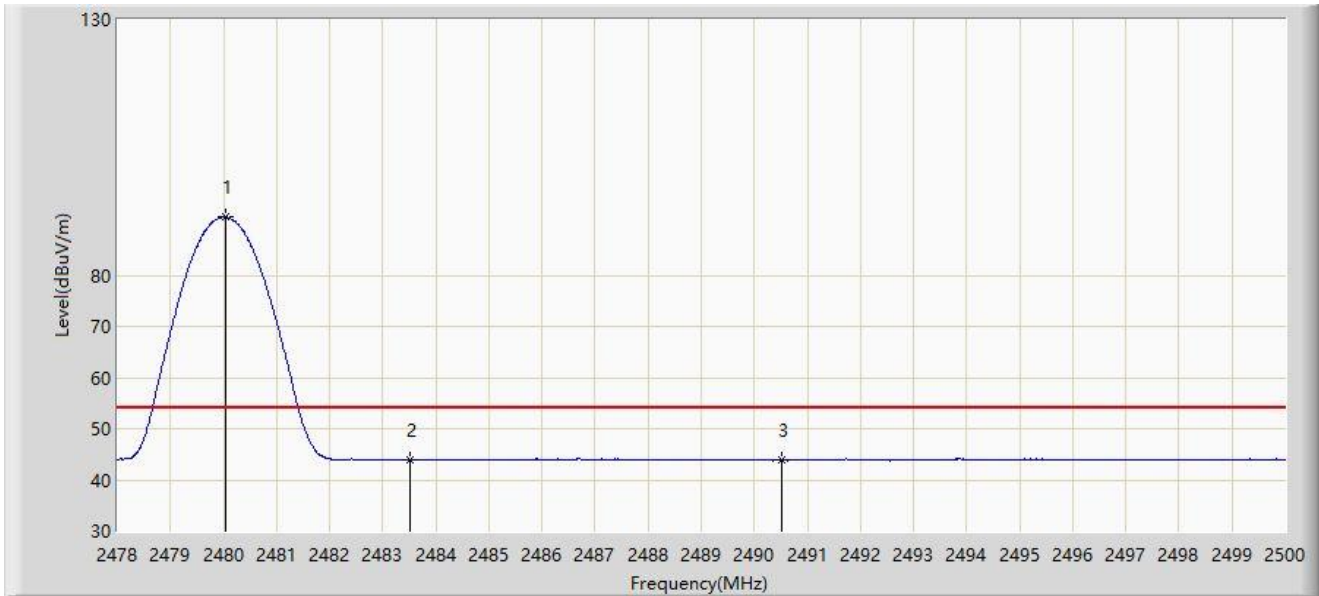


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2479.969	91.720	60.849	N/A	N/A	30.871	PK
2			2483.500	54.812	23.923	-19.188	74.000	30.889	PK
3			2490.859	56.510	25.584	-17.490	74.000	30.926	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:13
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

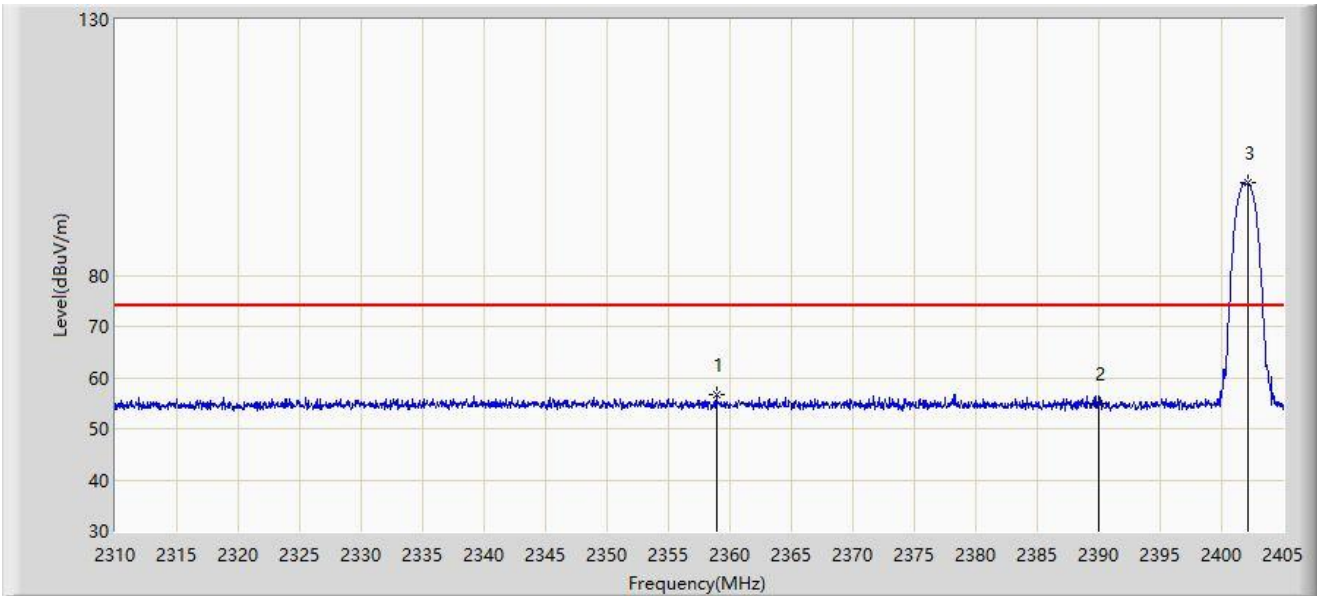


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2480.046	91.348	60.476	N/A	N/A	30.872	AV
2			2483.500	43.950	13.061	-10.050	54.000	30.889	AV
3			2490.507	43.917	12.993	-10.083	54.000	30.924	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

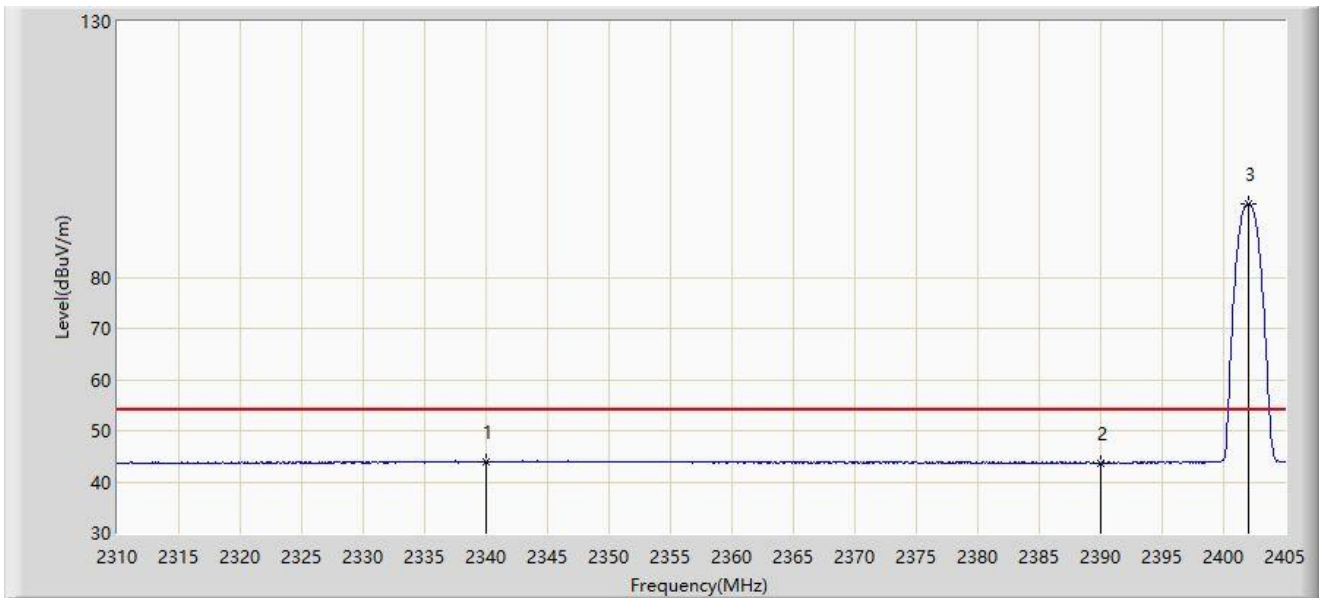


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2358.877	56.748	25.746	-17.252	74.000	31.001	PK
2			2390.000	54.822	23.919	-19.178	74.000	30.903	PK
3		*	2402.150	98.101	67.165	N/A	N/A	30.936	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:16
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

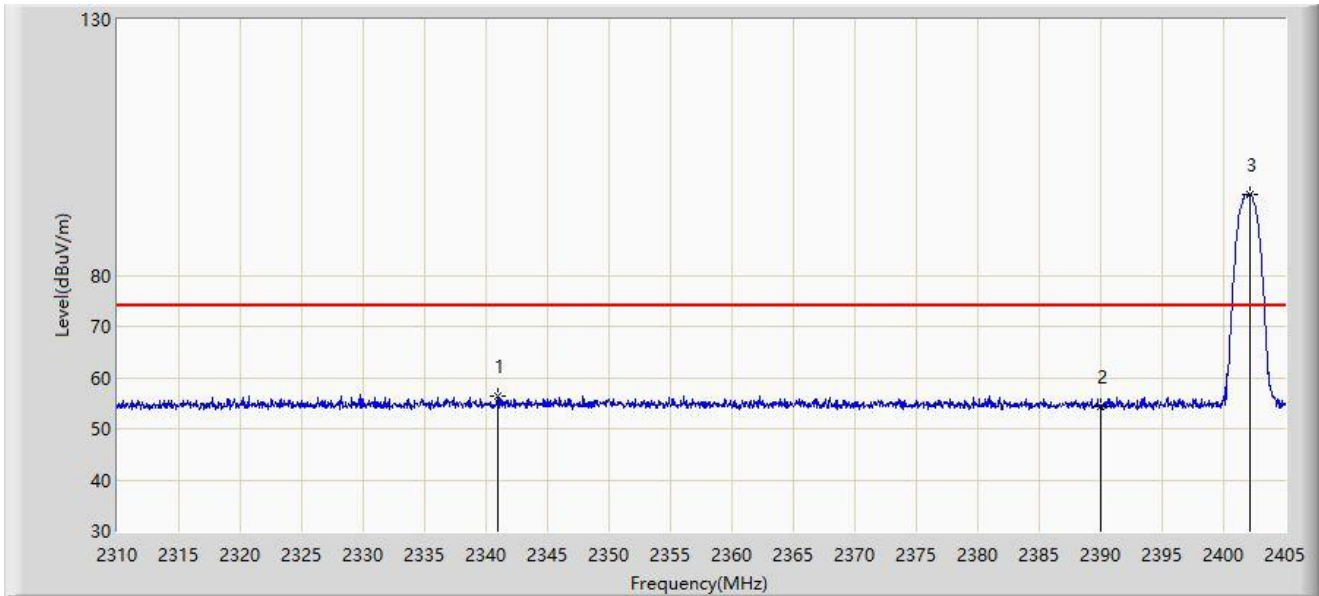


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2339.972	43.868	12.690	-10.132	54.000	31.179	AV
2			2390.000	43.719	12.816	-10.281	54.000	30.903	AV
3		*	2402.008	94.362	63.427	N/A	N/A	30.935	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:18
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

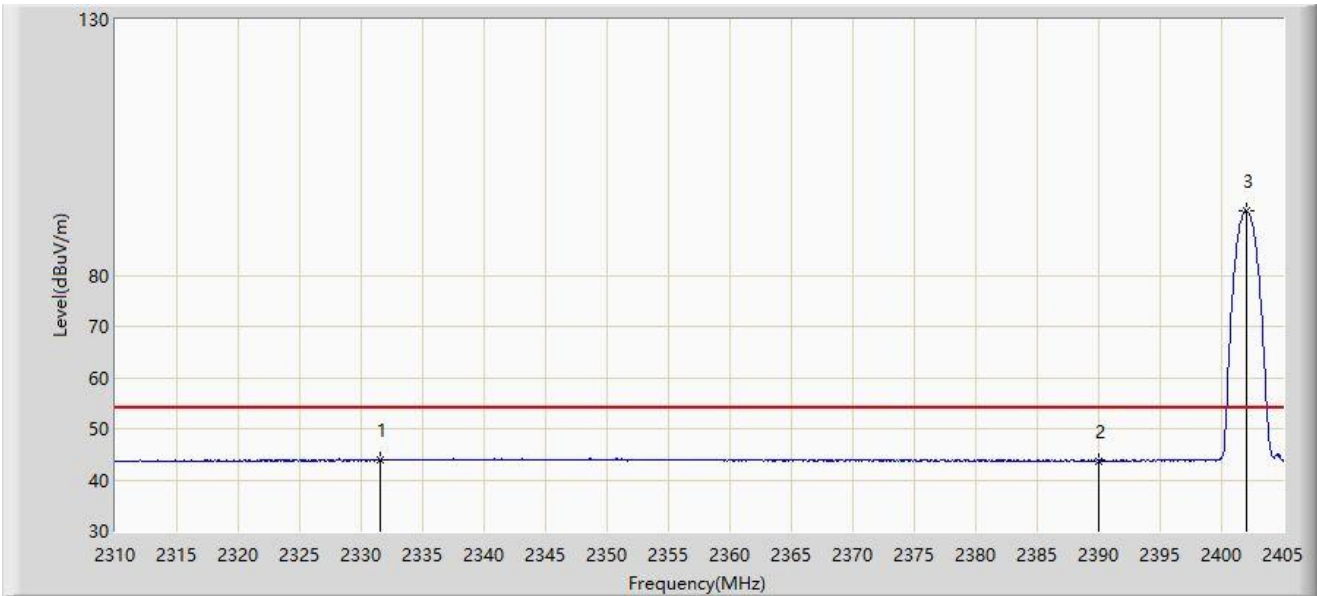


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1			2340.923	56.264	25.083	-17.736	74.000	31.181	PK
2			2390.000	54.367	23.464	-19.633	74.000	30.903	PK
3		*	2402.150	95.942	65.006	N/A	N/A	30.936	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:20
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

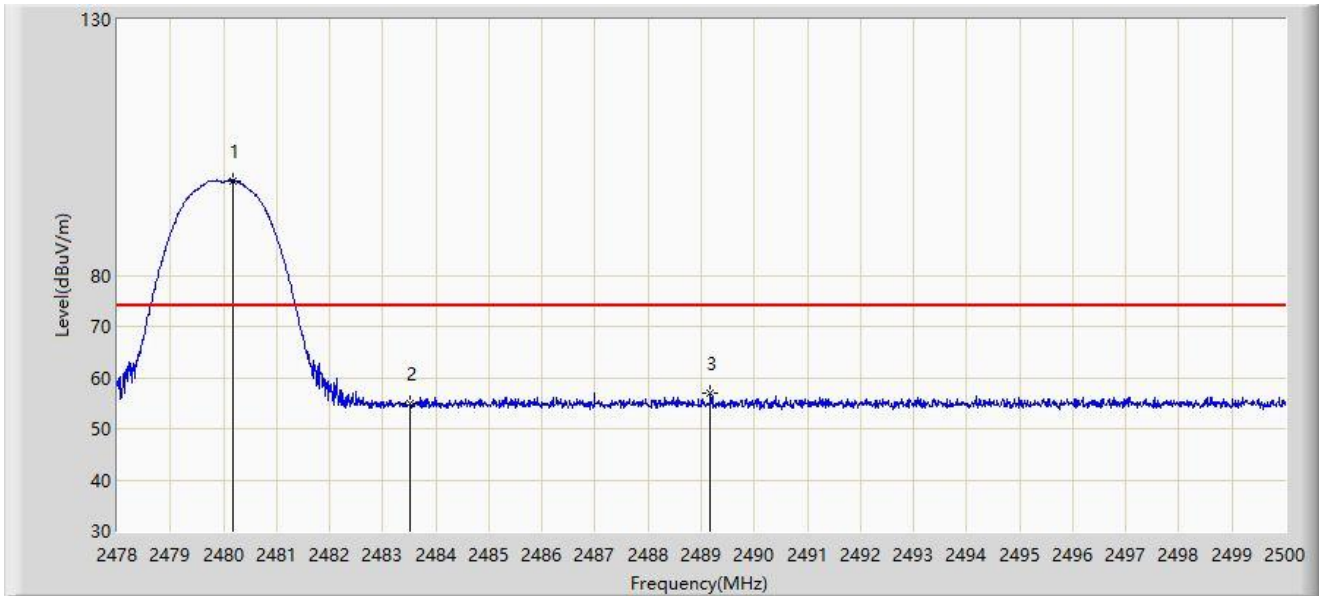


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2331.518	43.829	12.679	-10.171	54.000	31.150	AV
2			2390.000	43.724	12.821	-10.276	54.000	30.903	AV
3		*	2402.008	92.494	61.559	N/A	N/A	30.935	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2480.178	98.509	67.637	N/A	N/A	30.872	PK
2			2483.500	55.033	24.144	-18.967	74.000	30.889	PK
3			2489.176	56.933	26.016	-17.067	74.000	30.917	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:24
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

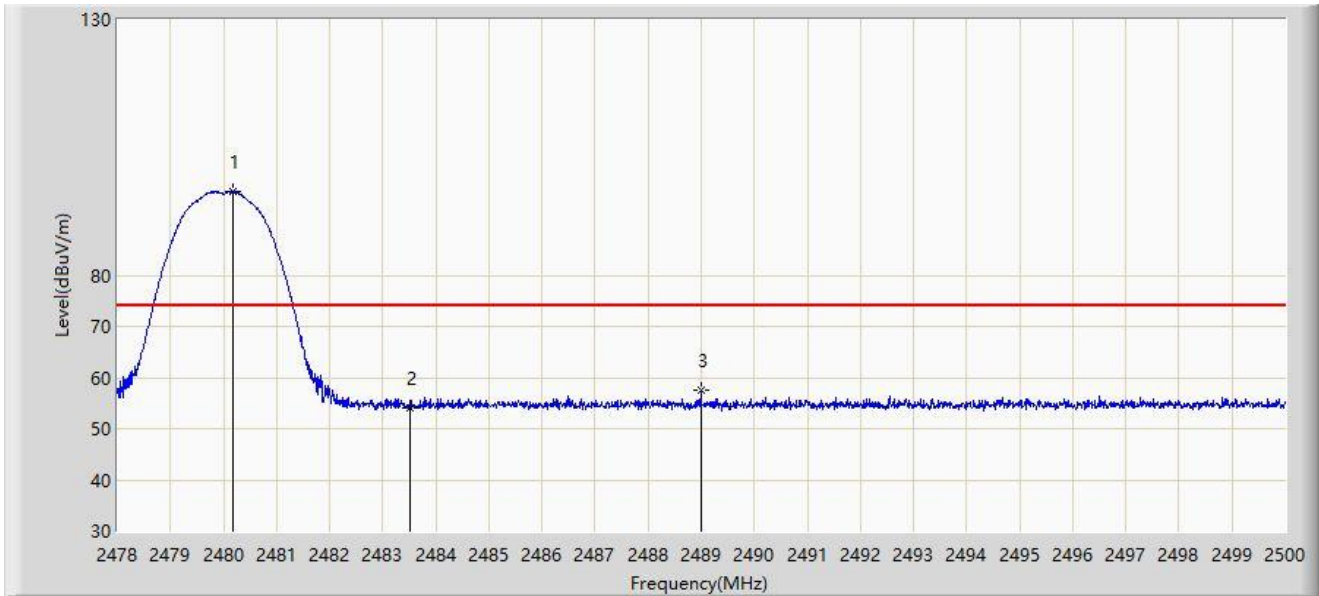


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2480.145	95.092	64.220	N/A	N/A	30.872	AV
2			2483.500	43.967	13.078	-10.033	54.000	30.889	AV
3			2490.408	43.853	12.930	-10.147	54.000	30.923	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:26
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
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/m)	Type
1		*	2480.189	96.359	65.487	N/A	N/A	30.872	PK
2			2483.500	54.163	23.274	-19.837	74.000	30.889	PK
3			2488.989	57.409	26.493	-16.591	74.000	30.916	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

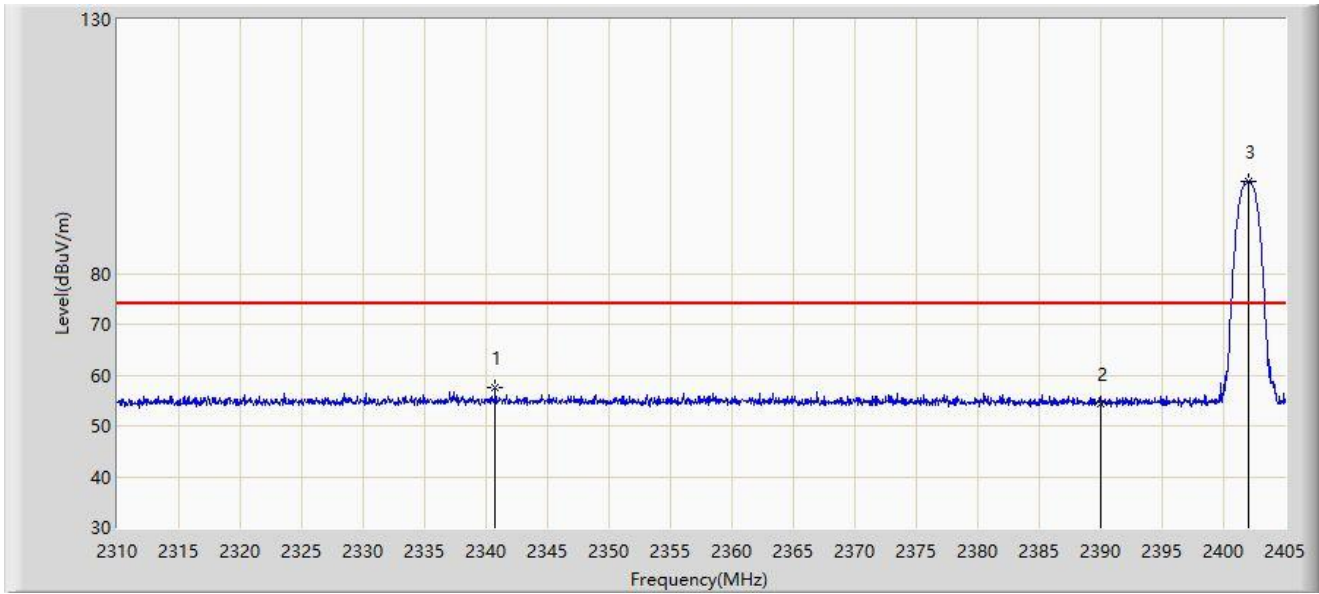


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		*	2480.002	92.983	62.112	N/A	N/A	30.871	AV
2			2483.500	43.907	13.018	-10.093	54.000	30.889	AV
3			2489.275	43.955	13.037	-10.045	54.000	30.918	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:30
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

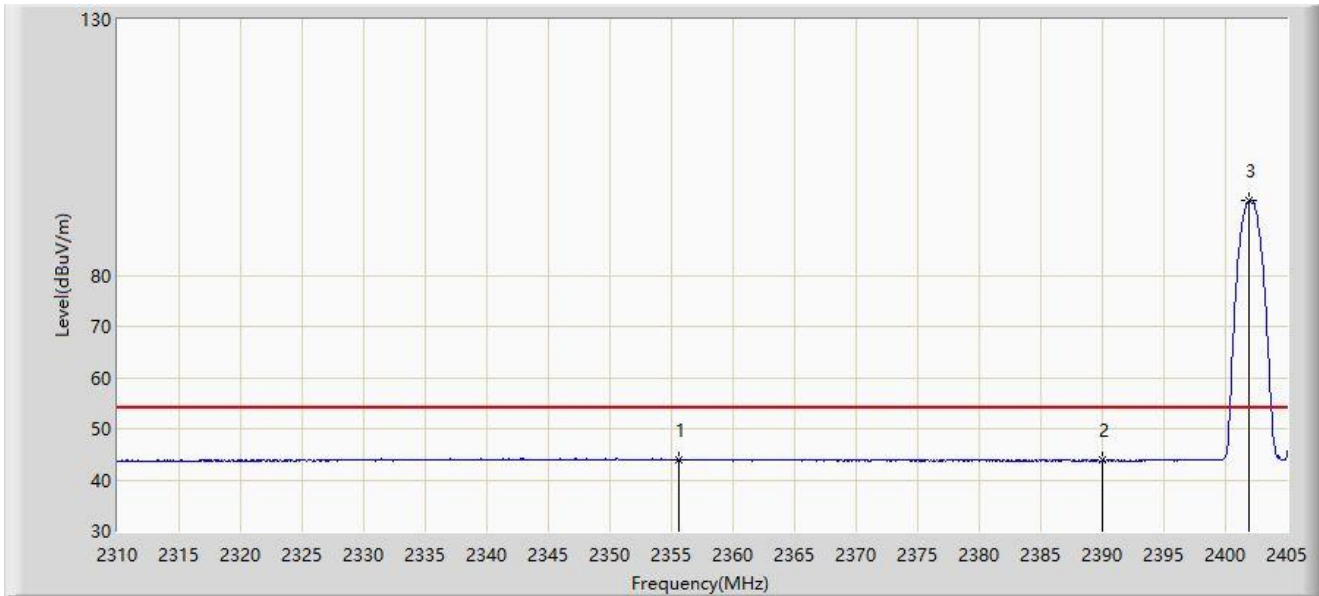


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2340.732	57.670	26.489	-16.330	74.000	31.181	PK
2			2390.000	54.291	23.388	-19.709	74.000	30.903	PK
3		*	2402.008	98.173	67.238	N/A	N/A	30.935	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:32
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

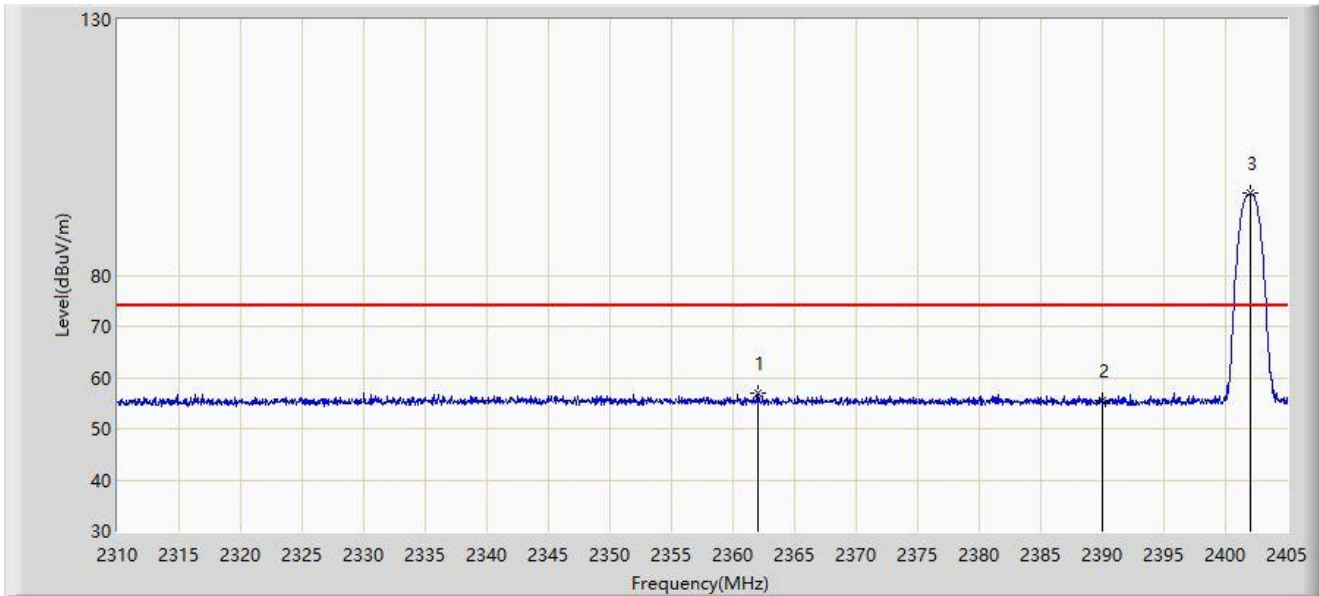


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2355.600	43.954	12.914	-10.046	54.000	31.040	AV
2			2390.000	43.802	12.899	-10.198	54.000	30.903	AV
3		*	2401.865	94.510	63.575	N/A	N/A	30.935	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:34
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

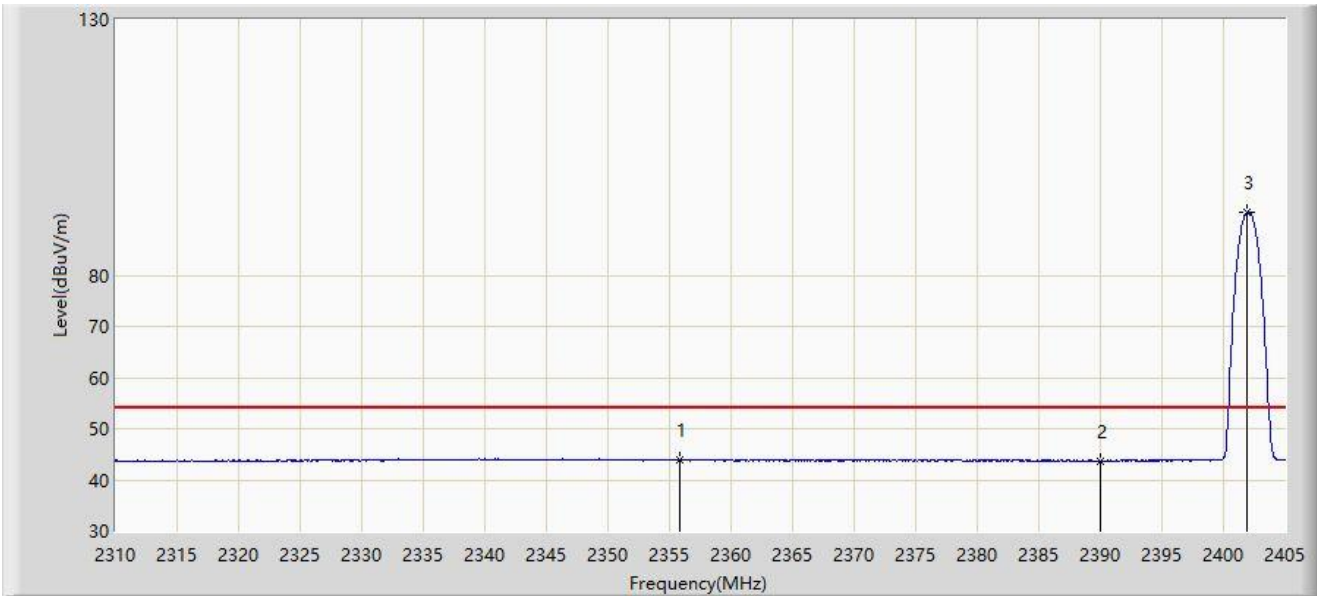


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2362.012	56.948	25.968	-17.052	74.000	30.979	PK
2			2390.000	55.630	24.727	-18.370	74.000	30.903	PK
3		*	2402.008	96.098	65.163	N/A	N/A	30.935	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:41
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

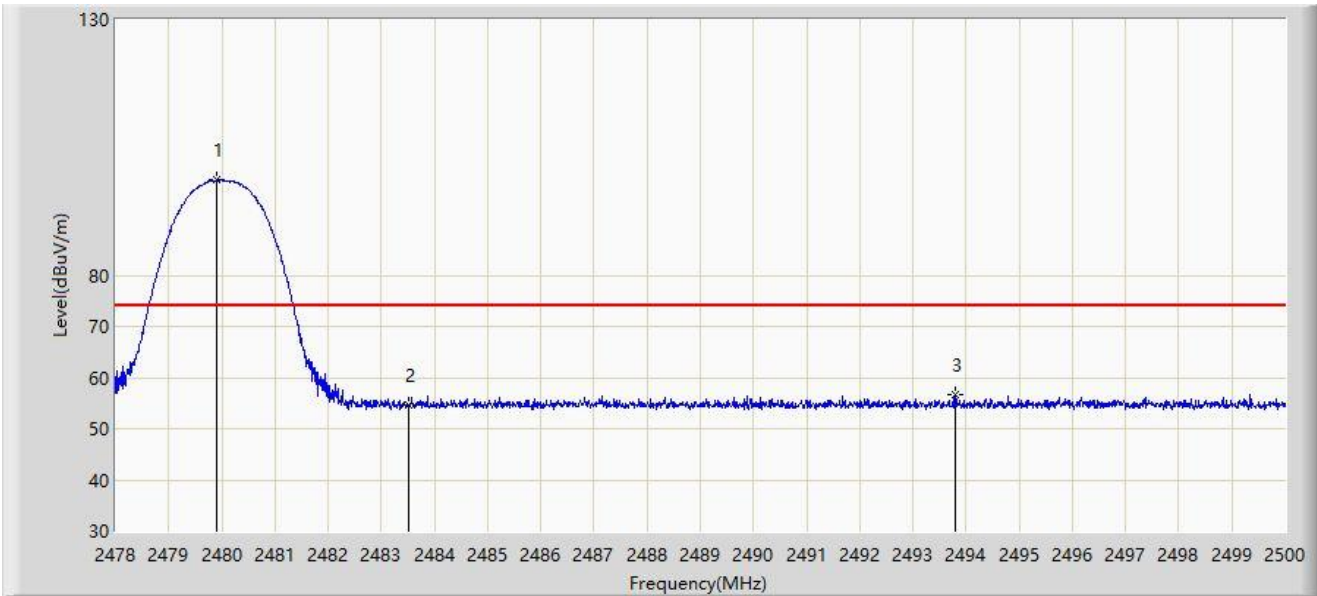


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2355.885	44.016	12.979	-9.984	54.000	31.036	AV
2			2390.000	43.700	12.797	-10.300	54.000	30.903	AV
3		*	2401.913	92.306	61.371	N/A	N/A	30.935	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:42
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

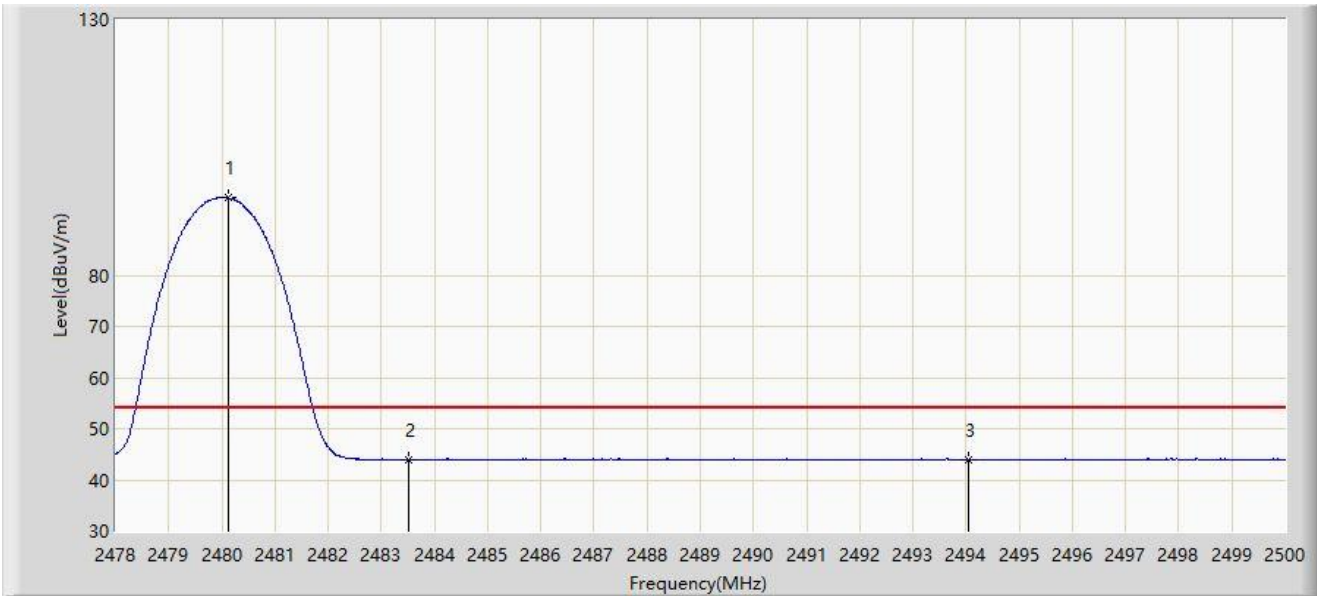


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2479.903	98.551	67.680	N/A	N/A	30.871	PK
2			2483.500	54.669	23.780	-19.331	74.000	30.889	PK
3			2493.807	56.592	25.652	-17.408	74.000	30.940	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:44
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

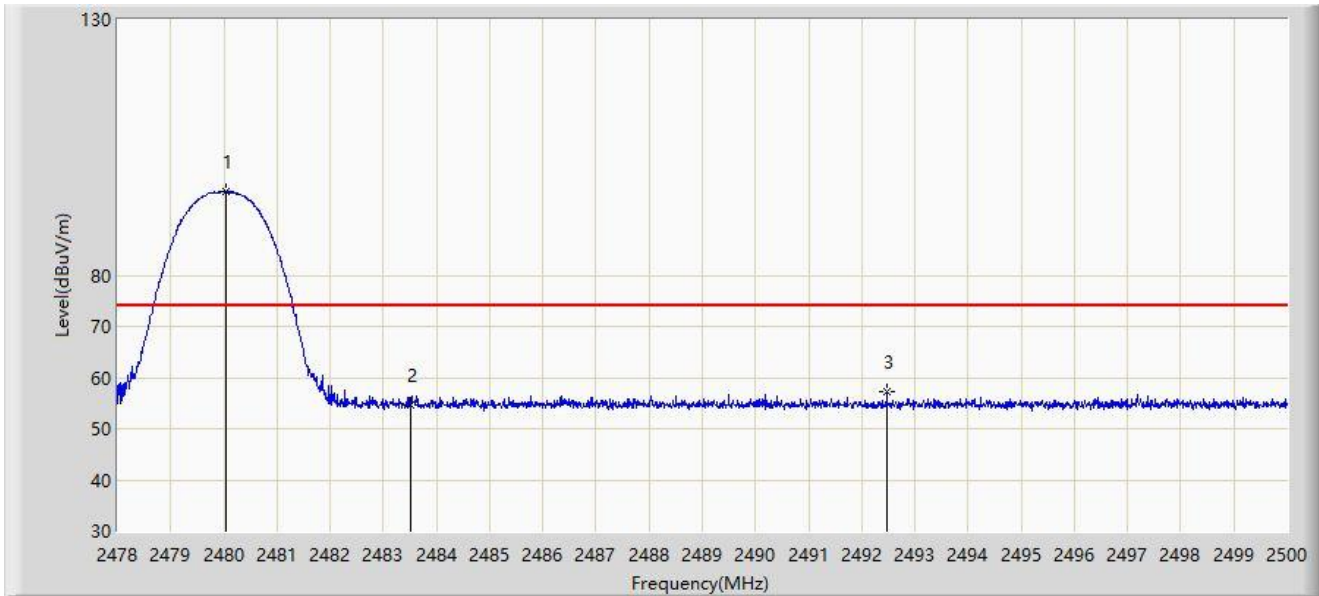


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		*	2480.112	95.148	64.276	N/A	N/A	30.872	AV
2			2483.500	43.959	13.070	-10.041	54.000	30.889	AV
3			2494.038	43.877	12.936	-10.123	54.000	30.941	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:45
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

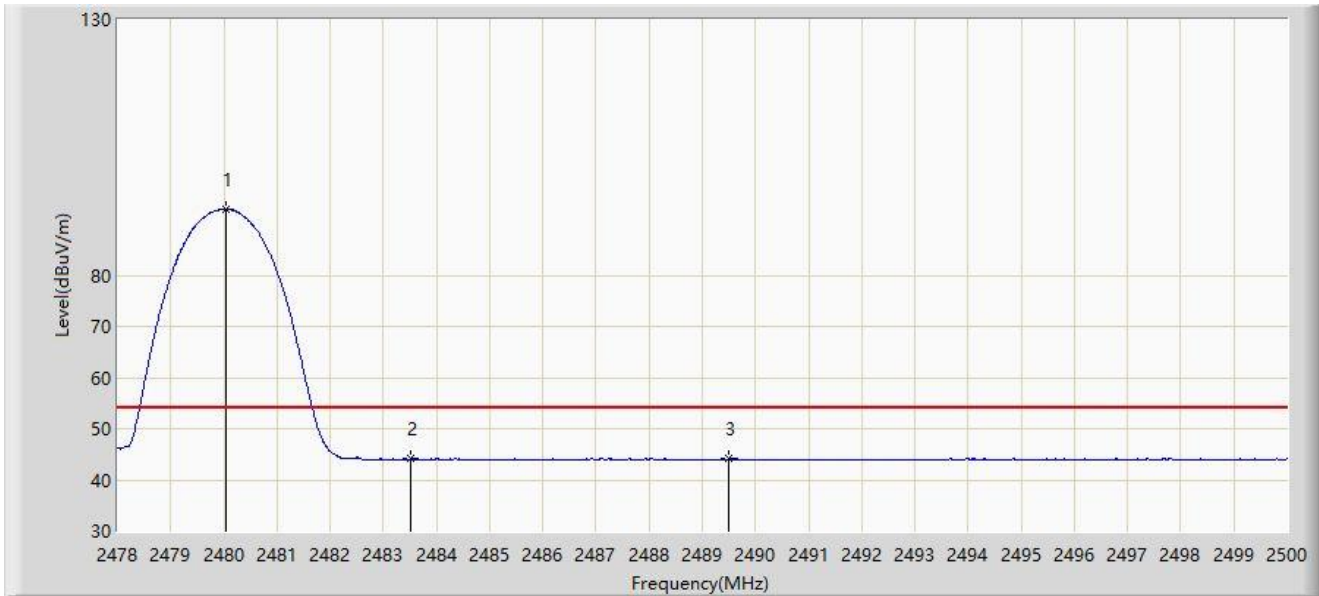


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2480.046	96.425	65.553	N/A	N/A	30.872	PK
2			2483.500	54.561	23.672	-19.439	74.000	30.889	PK
3			2492.476	57.316	26.382	-16.684	74.000	30.934	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 13:47
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	



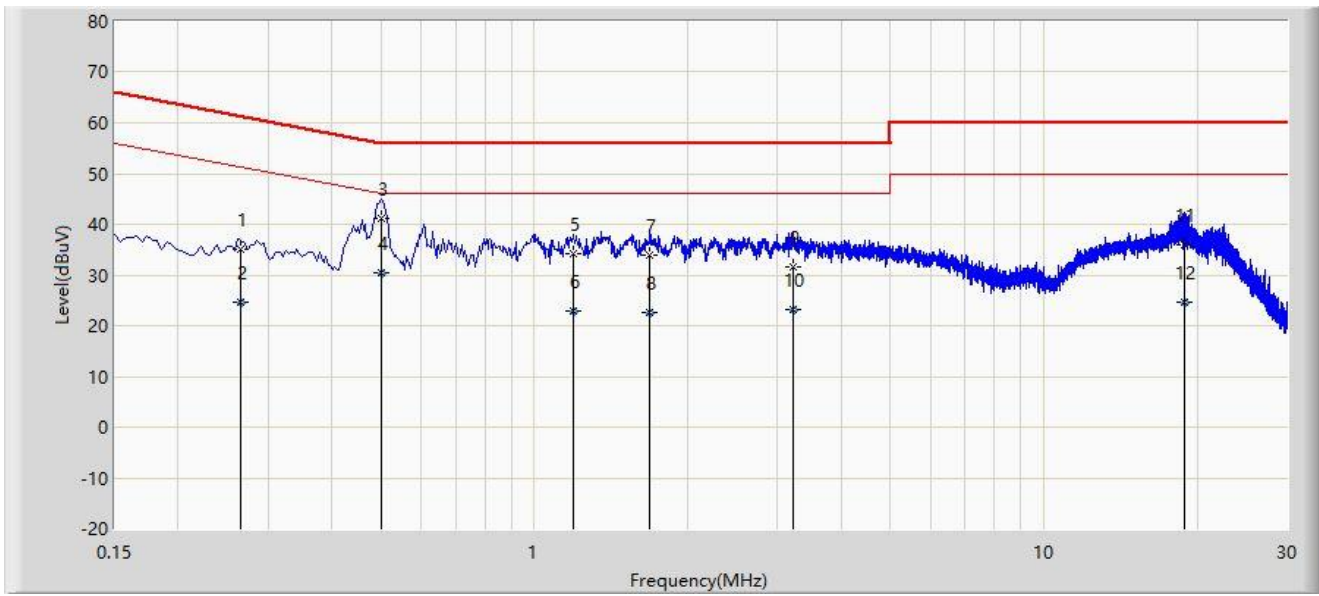
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2480.046	92.896	62.024	N/A	N/A	30.872	AV
2			2483.500	44.128	13.239	-9.872	54.000	30.889	AV
3			2489.495	44.141	13.222	-9.859	54.000	30.919	AV

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

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

A.11 AC Conducted Emissions Test Result

Site: NS-SR2	Time: 2021/12/27
Limit: FCC_Part15.207_CE_AC Power	Engineer: Summer Tang
Probe: ENV216_102493_150KHz~30MHz-C	Polarity: Line
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2441MHz	

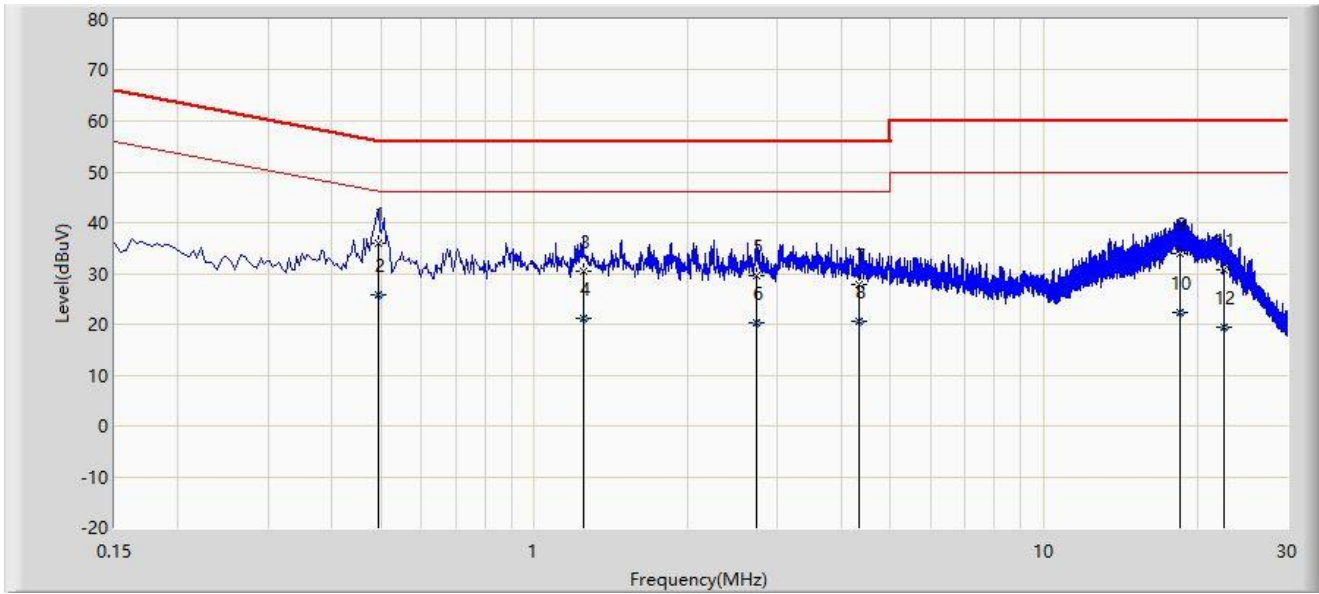


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1			0.266	35.127	25.061	-26.115	61.242	10.066	QP
2			0.266	24.698	14.633	-26.544	51.242	10.066	AV
3		*	0.502	41.218	31.506	-14.782	56.000	9.712	QP
4			0.502	30.360	20.649	-15.640	46.000	9.712	AV
5			1.190	34.221	24.481	-21.779	56.000	9.740	QP
6			1.190	22.954	13.215	-23.046	46.000	9.740	AV
7			1.686	33.900	24.139	-22.100	56.000	9.760	QP
8			1.686	22.626	12.865	-23.374	46.000	9.760	AV
9			3.230	31.624	21.804	-24.376	56.000	9.820	QP
10			3.230	23.168	13.347	-22.832	46.000	9.820	AV
11			18.918	35.886	25.440	-24.114	60.000	10.446	QP
12			18.918	24.713	14.266	-25.287	50.000	10.446	AV

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

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

Site: NS-SR2	Time: 2021/12/27
Limit: FCC_Part15.207_CE_AC Power	Engineer: Summer Tang
Probe: ENV216_102493_150KHz~30MHz-C	Polarity: Neutral
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2441MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		*	0.494	35.826	26.158	-20.275	56.100	9.667	QP
2			0.494	25.812	16.145	-20.288	46.100	9.667	AV
3			1.246	30.501	20.783	-25.499	56.000	9.718	QP
4			1.246	21.222	11.504	-24.778	46.000	9.718	AV
5			2.730	29.501	19.723	-26.499	56.000	9.778	QP
6			2.730	20.317	10.539	-25.683	46.000	9.778	AV
7			4.346	27.951	18.118	-28.049	56.000	9.833	QP
8			4.346	20.446	10.613	-25.554	46.000	9.833	AV
9			18.477	33.954	23.461	-26.046	60.000	10.493	QP
10			18.477	22.184	11.691	-27.816	50.000	10.493	AV
11			22.530	30.843	20.323	-29.157	60.000	10.521	QP
12			22.530	19.309	8.789	-30.691	50.000	10.521	AV

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

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

Appendix B - Test Setup Photograph

Refer to "2111RSU064-UT" file.

Appendix C - EUT Photograph

Refer to “ 2111RSU064-UE” file.

_____ The End _____