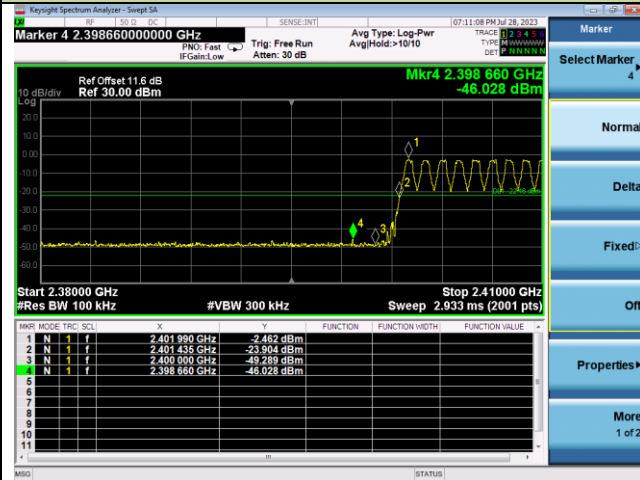
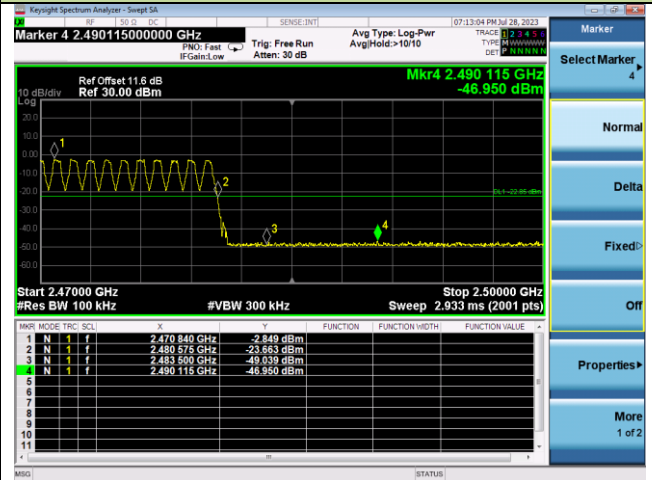


Operation Frequency Range of 20dB Bandwidth within Hopping Mode

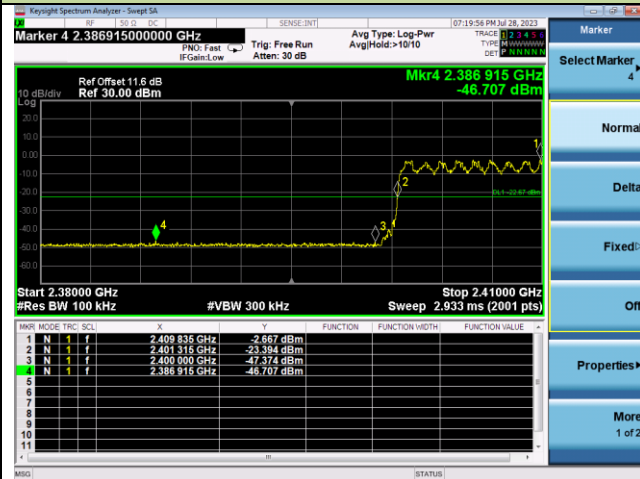
DH5 - Channel 00 (2402MHz)



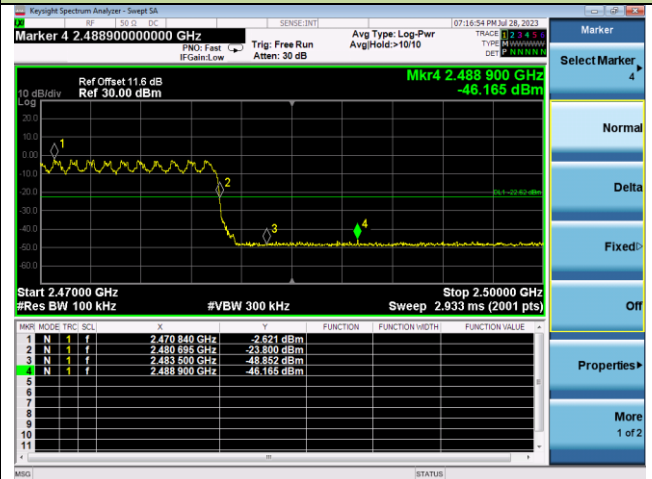
DH5 - Channel 78 (2480MHz)



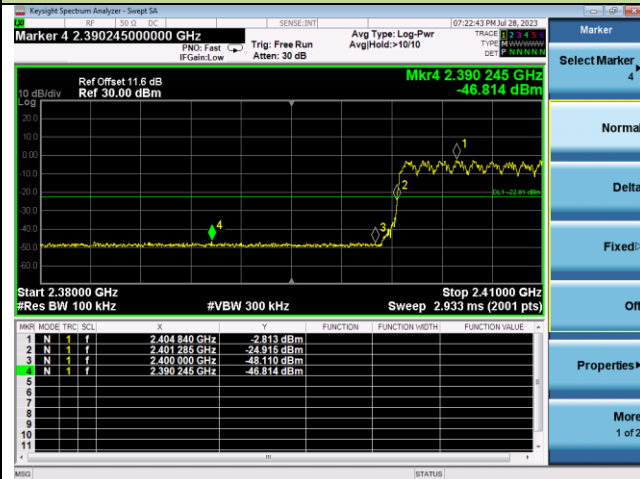
2DH5 - Channel 00 (2402MHz)



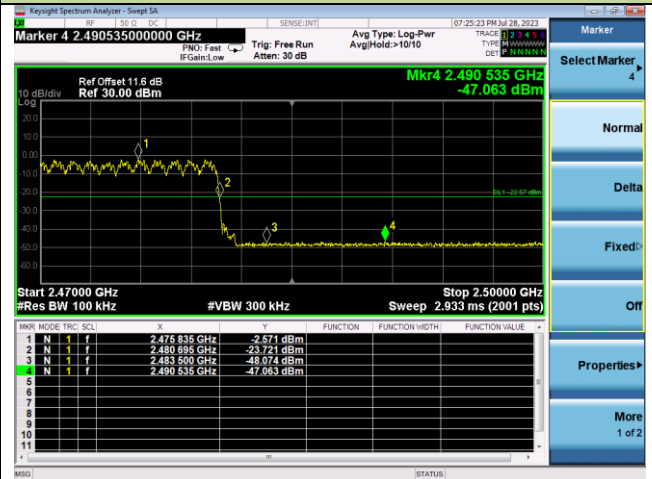
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)



3DH5 - Channel 78 (2480MHz)



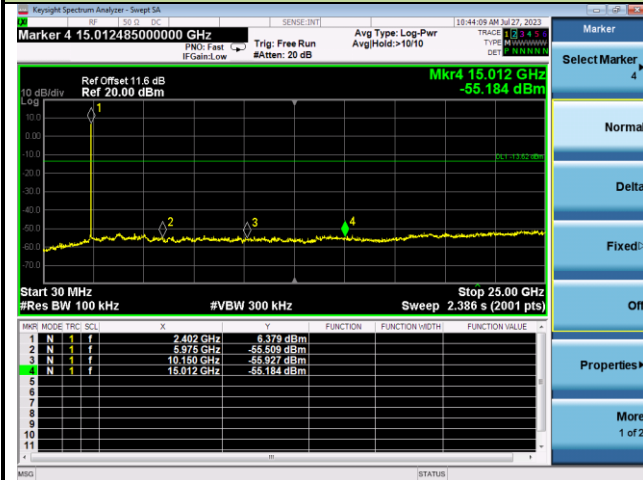
A.8 Conducted Spurious Emissions Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-07-28		

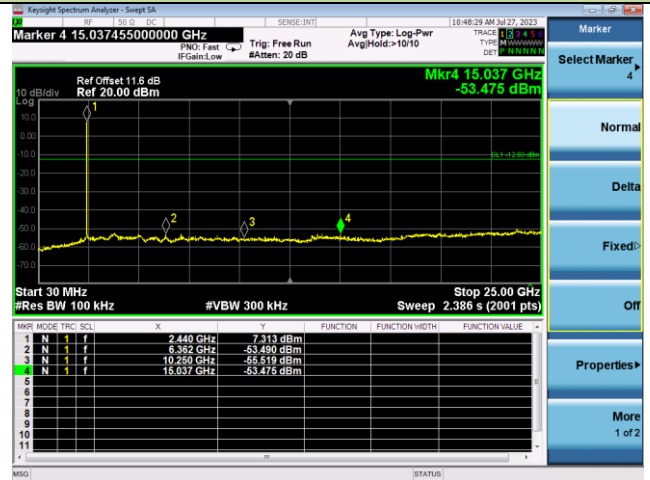
Test Mode	Channel No.	Frequency (MHz)	Limit	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

DH5 Conducted Spurious Emissions

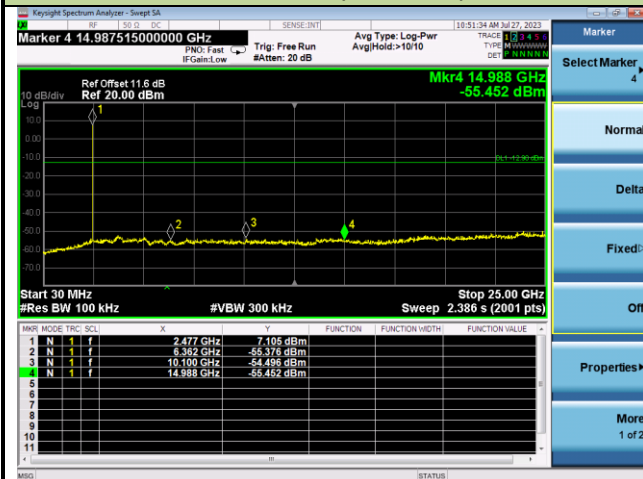
Channel 00 (2402MHz)



Channel 39 (2441MHz)

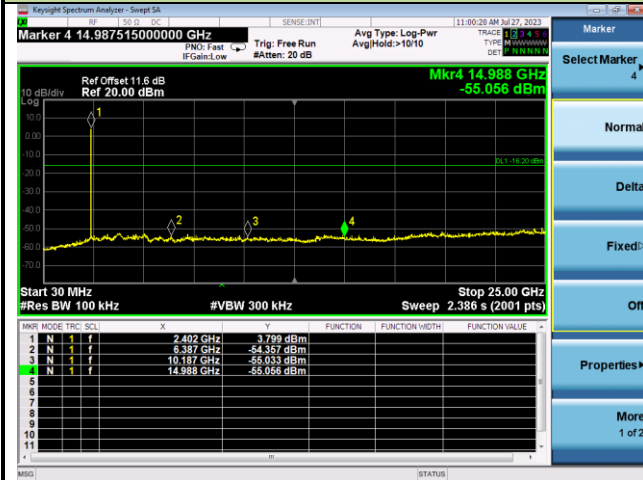


Channel 78 (2480MHz)

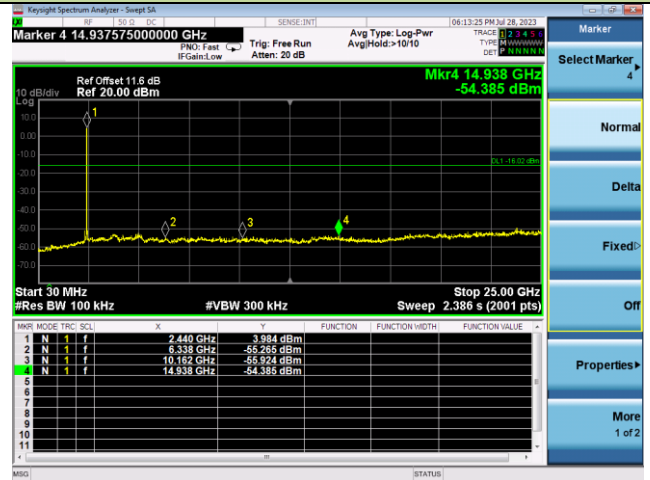


2DH5 Conducted Spurious Emissions

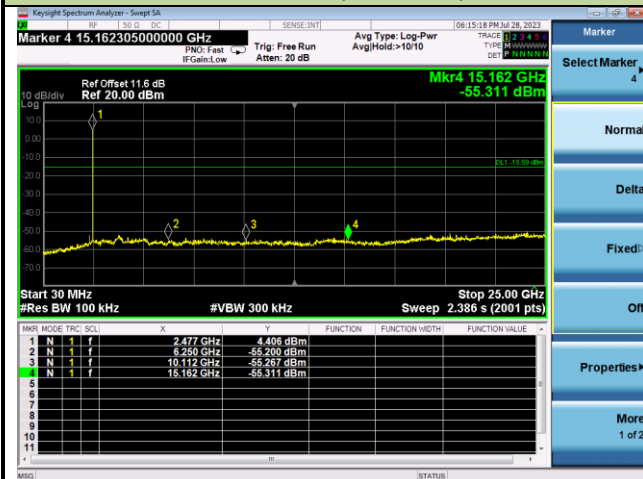
Channel 00 (2402MHz)



Channel 39 (2441MHz)

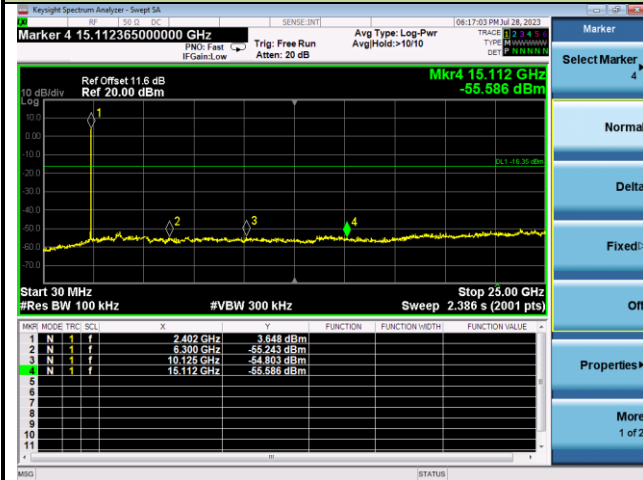


Channel 78 (2480MHz)

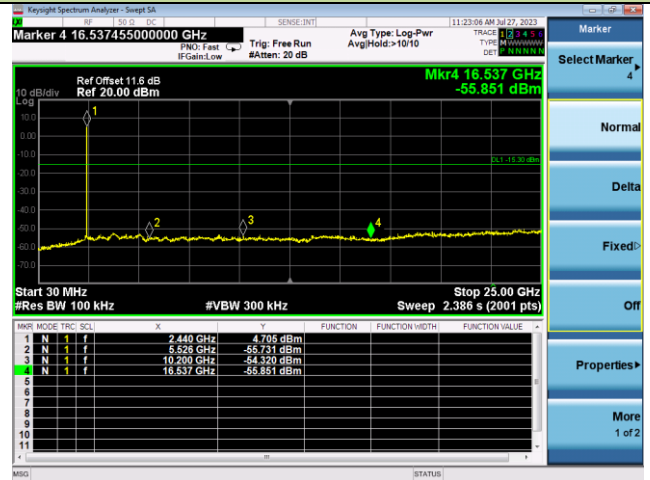


3DH5 Conducted Spurious Emissions

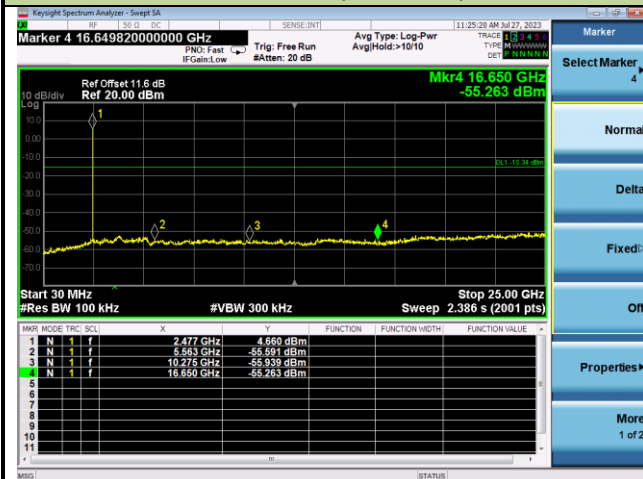
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



A.9 Radiated Spurious Emission Test Result

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-27	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	4808.000	39.2	1.4	40.6	74.0	-33.4	Peak	Horizontal
	7681.000	37.1	9.5	46.6	74.0	-27.4	Peak	Horizontal
	11089.500	35.0	15.6	50.6	74.0	-23.4	Peak	Horizontal
	4808.000	39.2	1.4	40.6	74.0	-33.4	Peak	Vertical
	7205.000	36.8	9.5	46.3	74.0	-27.7	Peak	Vertical
	11208.500	34.9	15.8	50.7	74.0	-23.3	Peak	Vertical
39	4621.000	38.0	1.8	39.8	74.0	-34.2	Peak	Horizontal
	7502.500	34.7	9.9	44.6	74.0	-29.4	Peak	Horizontal
	10953.500	35.8	15.2	51.0	74.0	-23.0	Peak	Horizontal
	4808.000	38.3	1.4	39.7	74.0	-34.3	Peak	Vertical
	7485.500	35.6	10.1	45.7	74.0	-28.3	Peak	Vertical
	11030.000	35.4	15.2	50.6	74.0	-23.4	Peak	Vertical
78	4825.000	38.3	1.7	40.0	74.0	-34.0	Peak	Horizontal
	8174.000	36.2	9.0	45.2	74.0	-28.8	Peak	Horizontal
	11293.500	34.4	15.7	50.1	74.0	-23.9	Peak	Horizontal
	4893.000	38.5	1.6	40.1	74.0	-33.9	Peak	Vertical
	9219.500	34.1	12.5	46.6	74.0	-27.4	Peak	Vertical
	11081.000	34.5	16.1	50.6	74.0	-23.4	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	Flag Yang
Test Date	2023-07-27	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.		

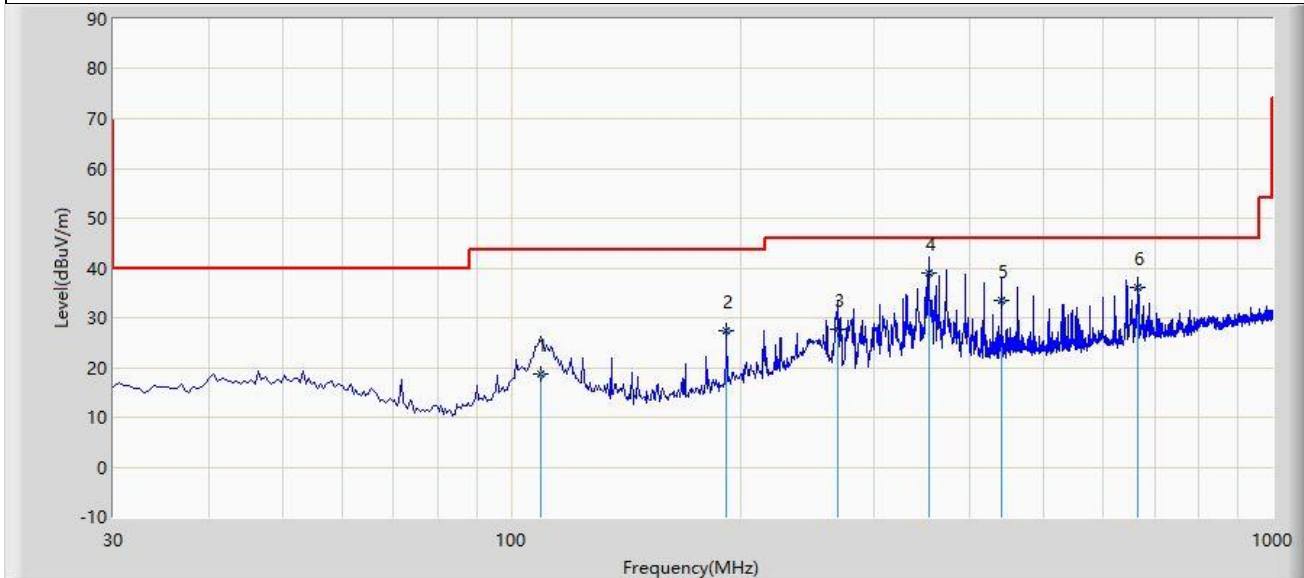
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	4816.500	38.5	1.6	40.1	74.0	-33.9	Peak	Horizontal
	7349.500	35.6	10.0	45.6	74.0	-28.4	Peak	Horizontal
	11072.500	34.0	15.9	49.9	74.0	-24.1	Peak	Horizontal
	4808.000	41.2	1.4	42.6	74.0	-31.4	Peak	Vertical
	7434.500	34.7	10.2	44.9	74.0	-29.1	Peak	Vertical
	11081.000	34.0	16.1	50.1	74.0	-23.9	Peak	Vertical
39	4850.500	38.5	1.5	40.0	74.0	-34.0	Peak	Horizontal
	7511.000	35.1	9.9	45.0	74.0	-29.0	Peak	Horizontal
	10962.000	35.4	15.3	50.7	74.0	-23.3	Peak	Horizontal
	5088.500	38.7	2.3	41.0	74.0	-33.0	Peak	Vertical
	9032.500	36.4	12.2	48.6	74.0	-25.4	Peak	Vertical
	11132.000	34.7	15.4	50.1	74.0	-23.9	Peak	Vertical
78	5012.000	38.3	2.1	40.4	74.0	-33.6	Peak	Horizontal
	7587.500	35.6	9.6	45.2	74.0	-28.8	Peak	Horizontal
	11761.000	35.1	15.3	50.4	74.0	-23.6	Peak	Horizontal
	4825.000	39.0	1.7	40.7	74.0	-33.3	Peak	Vertical
	8344.000	37.2	9.6	46.8	74.0	-27.2	Peak	Vertical
	11072.500	34.5	15.9	50.4	74.0	-23.6	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	Flag Yang
Test Date	2023-07-27	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	4884.500	38.9	1.5	40.4	74.0	-33.6	Peak	Horizontal
	7681.000	35.8	9.5	45.3	74.0	-28.7	Peak	Horizontal
	11208.500	34.9	15.8	50.7	74.0	-23.3	Peak	Horizontal
	4808.000	40.7	1.4	42.1	74.0	-31.9	Peak	Vertical
	7681.000	36.0	9.5	45.5	74.0	-28.5	Peak	Vertical
	11004.500	35.2	14.7	49.9	74.0	-24.1	Peak	Vertical
39	4850.500	38.3	1.5	39.8	74.0	-34.2	Peak	Horizontal
	7536.500	35.7	10.1	45.8	74.0	-28.2	Peak	Horizontal
	11030.000	35.4	15.2	50.6	74.0	-23.4	Peak	Horizontal
	4680.500	38.9	1.7	40.6	74.0	-33.4	Peak	Vertical
	7332.500	35.4	9.8	45.2	74.0	-28.8	Peak	Vertical
	11064.000	34.4	15.8	50.2	74.0	-23.8	Peak	Vertical
78	4748.500	38.0	1.6	39.6	74.0	-34.4	Peak	Horizontal
	8692.500	35.8	12.2	48.0	74.0	-26.0	Peak	Horizontal
	11106.500	35.2	15.2	50.4	74.0	-23.6	Peak	Horizontal
	4663.500	38.5	1.5	40.0	74.0	-34.0	Peak	Vertical
	7604.500	35.7	9.7	45.4	74.0	-28.6	Peak	Vertical
	10962.000	35.4	15.3	50.7	74.0	-23.3	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	Test Data: 2023-07-27
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		109.540	18.719	3.000	-24.781	43.500	15.719	QP
2		191.990	27.434	11.700	-16.066	43.500	15.734	QP
3		268.620	27.601	10.000	-18.399	46.000	17.601	QP
4	*	353.495	39.112	19.300	-6.888	46.000	19.812	QP
5		440.310	33.585	12.100	-12.415	46.000	21.485	QP
6		666.320	35.990	10.400	-10.010	46.000	25.590	QP

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

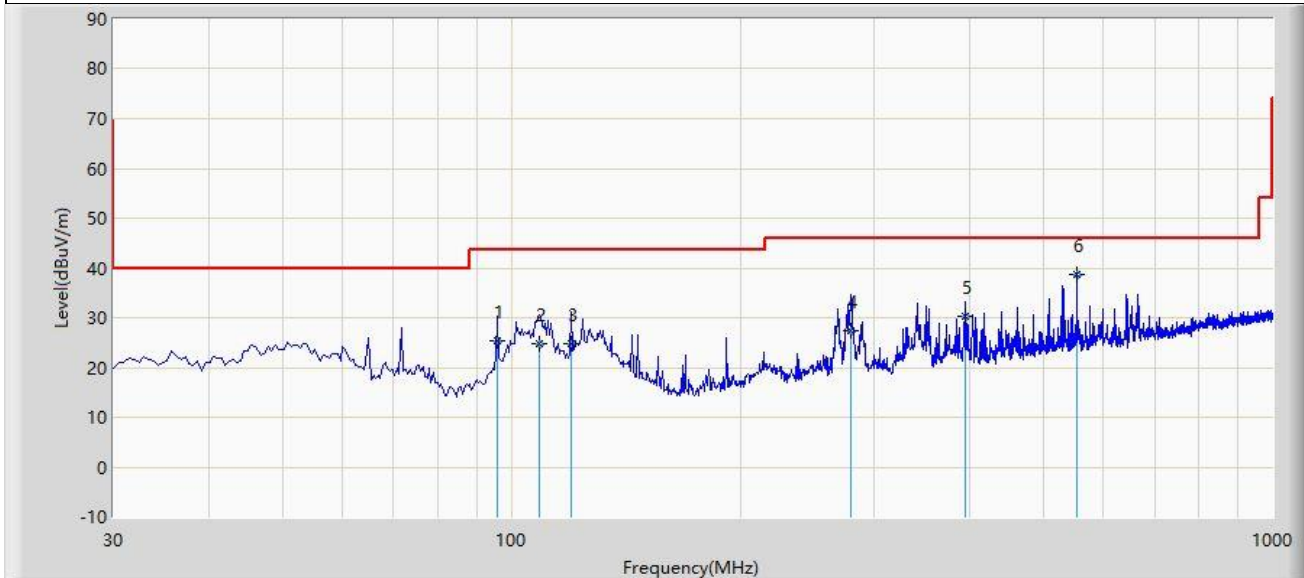
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: 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	Test Data: 2023-07-27
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		95.960	25.408	10.100	-18.092	43.500	15.308	QP
2		109.055	24.853	9.100	-18.647	43.500	15.753	QP
3		119.925	24.876	10.300	-18.624	43.500	14.576	QP
4		278.805	27.435	9.600	-18.565	46.000	17.835	QP
5		395.205	30.246	9.200	-15.754	46.000	21.046	QP
6	*	553.315	38.689	15.200	-7.311	46.000	23.489	QP

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

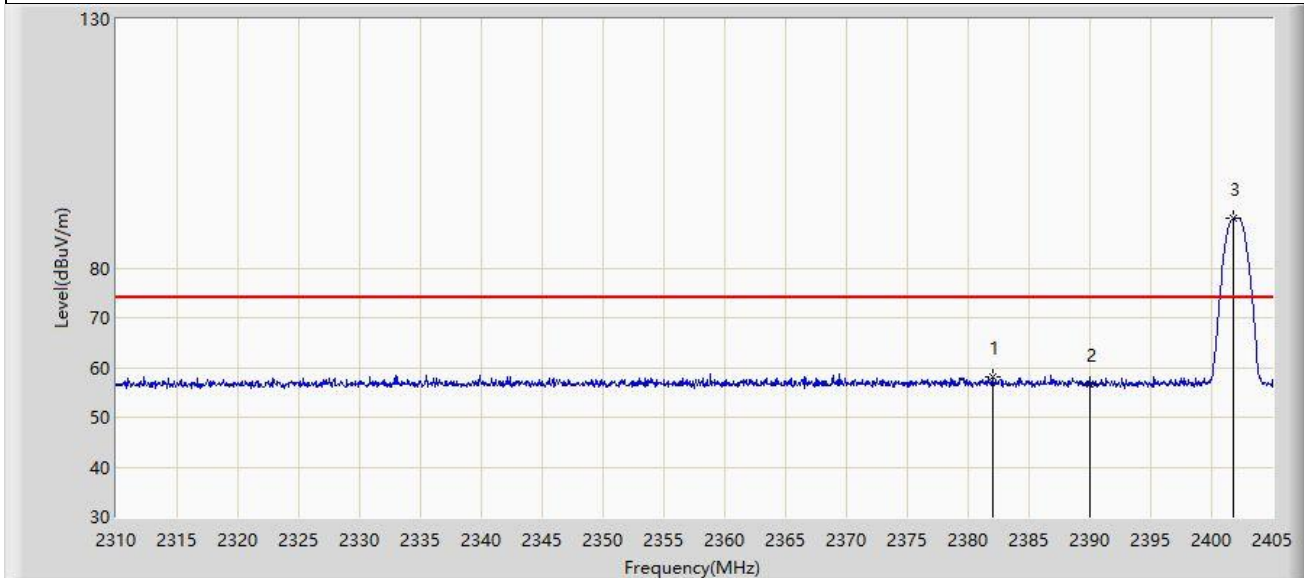
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: 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	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2382.016	58.185	27.265	-15.815	74.000	30.920	PK
2		2390.000	56.677	25.826	-17.323	74.000	30.850	PK
3		2401.840	90.076	59.238	N/A	N/A	30.838	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



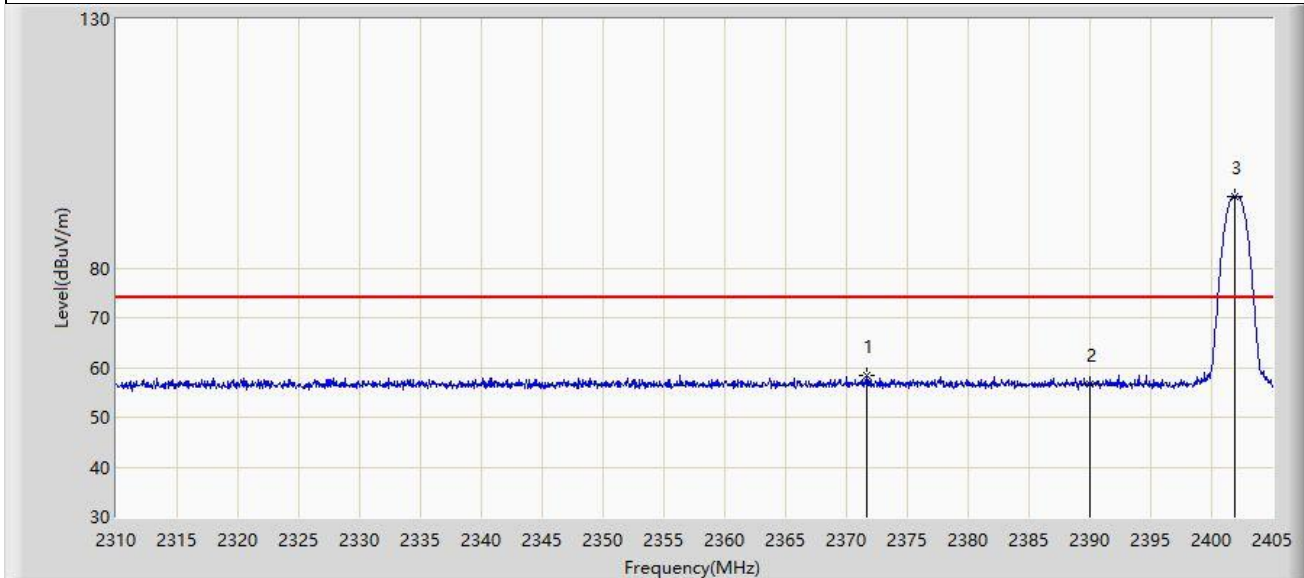
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2387.995	45.153	14.285	-8.847	54.000	30.869	AV
2		2390.000	45.077	14.226	-8.923	54.000	30.850	AV
3		2402.008	89.827	58.988	N/A	N/A	30.839	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



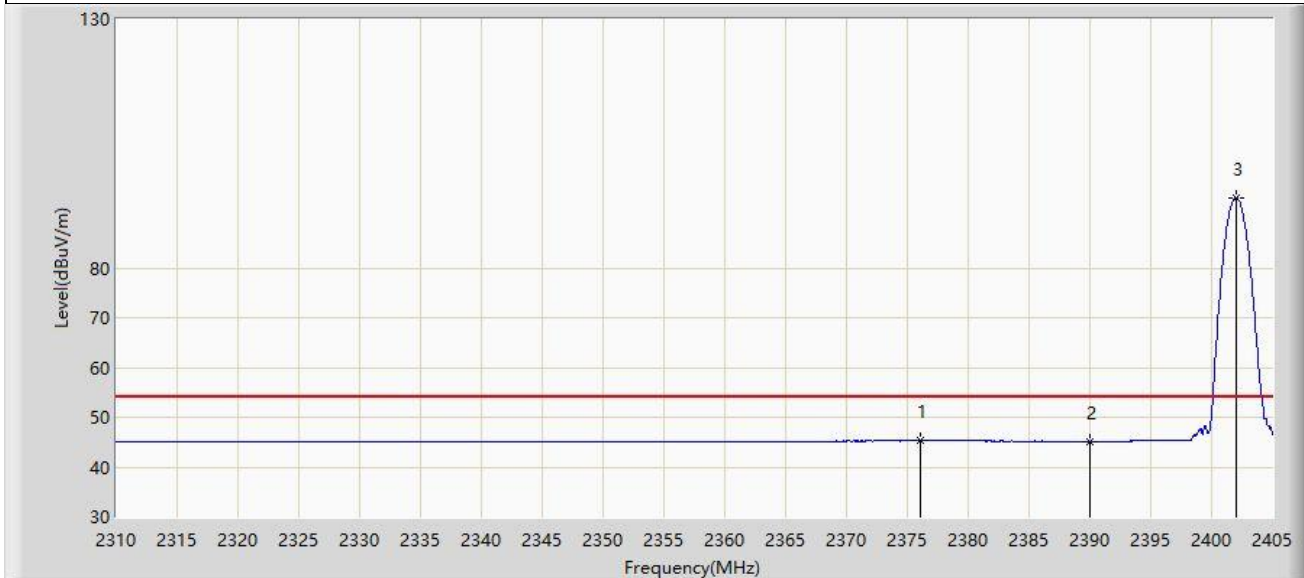
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2371.702	58.484	27.561	-15.516	74.000	30.924	PK
2		2390.000	56.621	25.770	-17.379	74.000	30.850	PK
3		2401.913	94.338	63.500	N/A	N/A	30.838	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



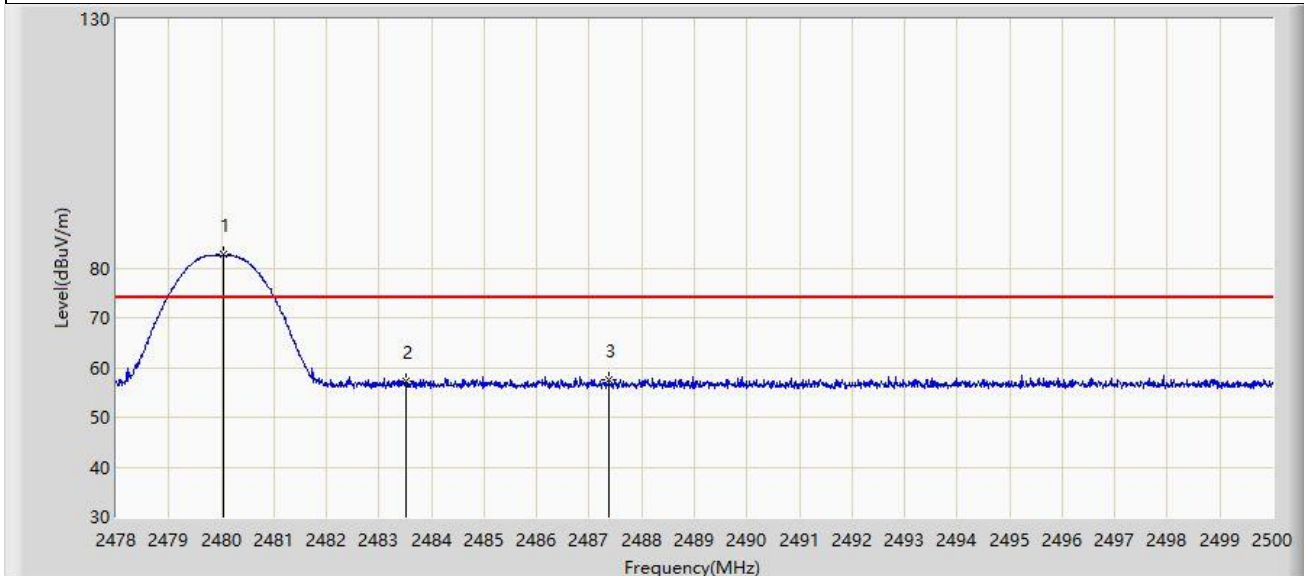
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2376.120	45.389	14.432	-8.611	54.000	30.957	AV
2		2390.000	45.183	14.332	-8.817	54.000	30.850	AV
3		2402.008	94.013	63.174	N/A	N/A	30.839	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



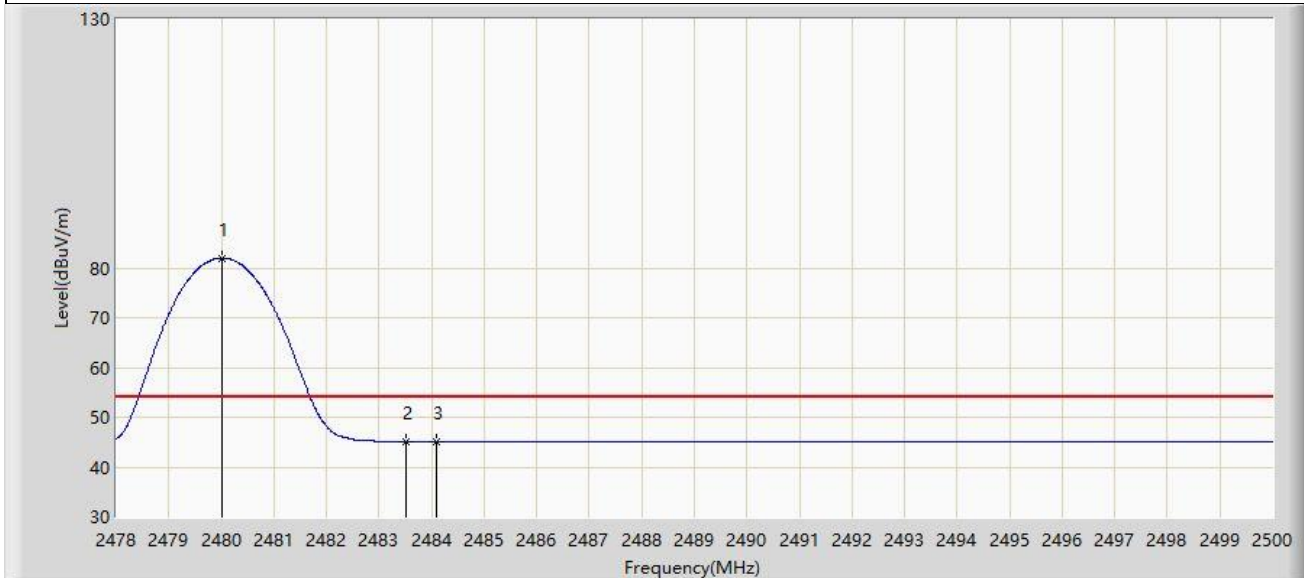
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.046	82.627	51.867	N/A	N/A	30.760	PK
2		2483.500	57.210	26.448	-16.790	74.000	30.761	PK
3	*	2487.372	57.540	26.777	-16.460	74.000	30.763	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



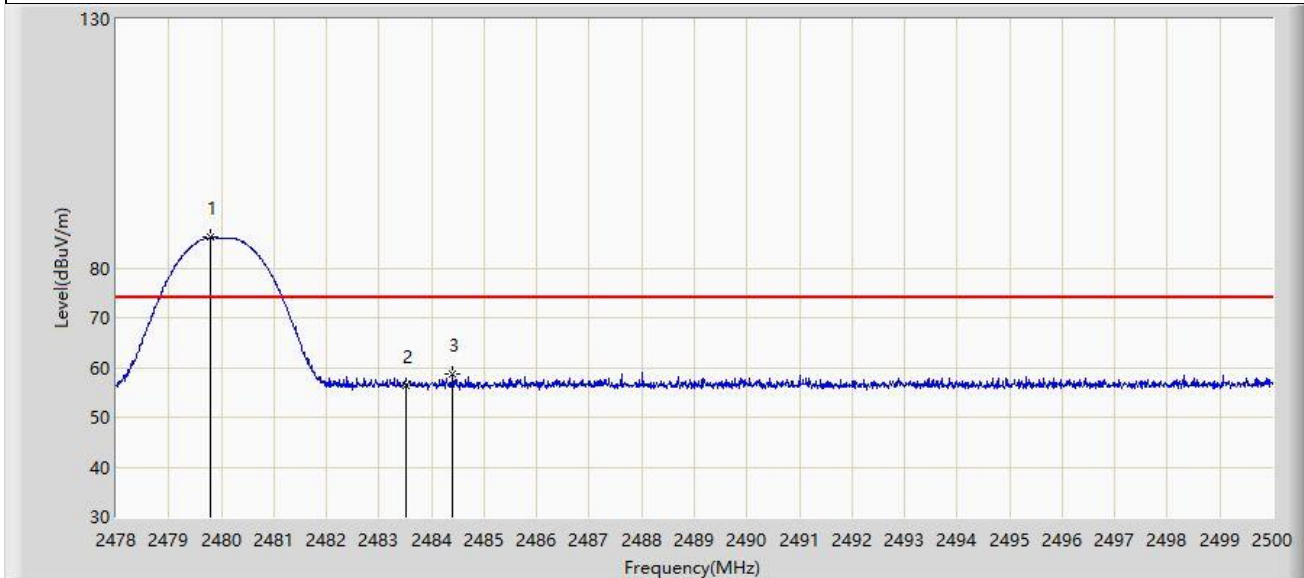
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.002	81.995	51.235	N/A	N/A	30.760	AV
2		2483.500	45.152	14.390	-8.848	54.000	30.761	AV
3	*	2484.083	45.168	14.406	-8.832	54.000	30.762	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



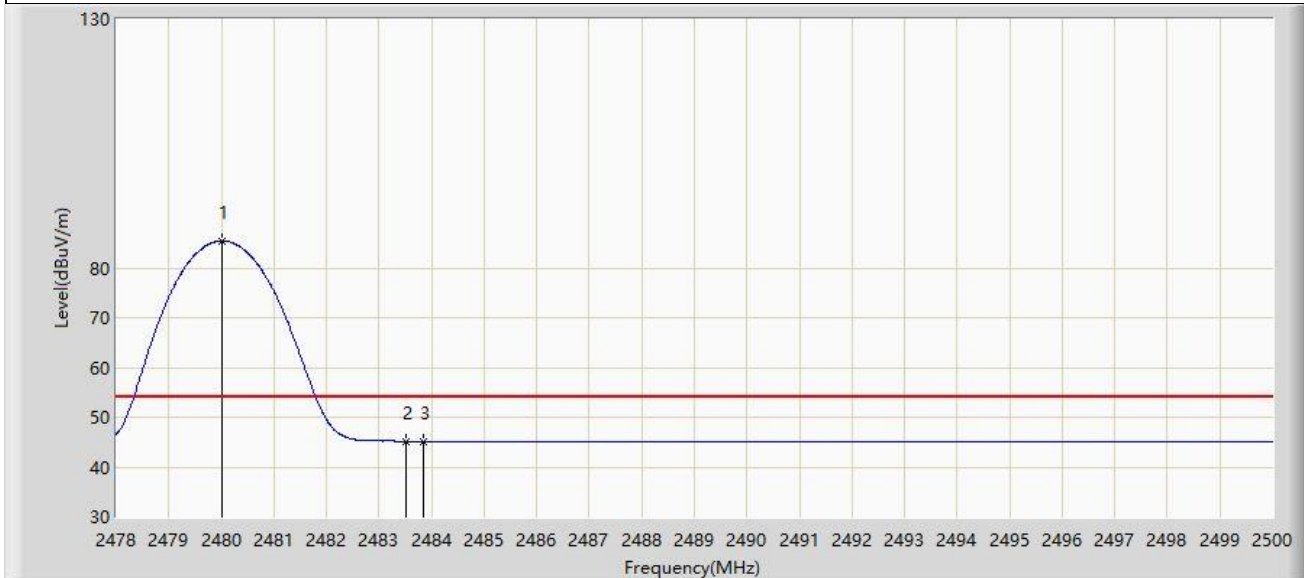
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.782	86.158	55.398	N/A	N/A	30.761	PK
2		2483.500	56.357	25.595	-17.643	74.000	30.761	PK
3	*	2484.402	58.595	27.833	-15.405	74.000	30.762	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



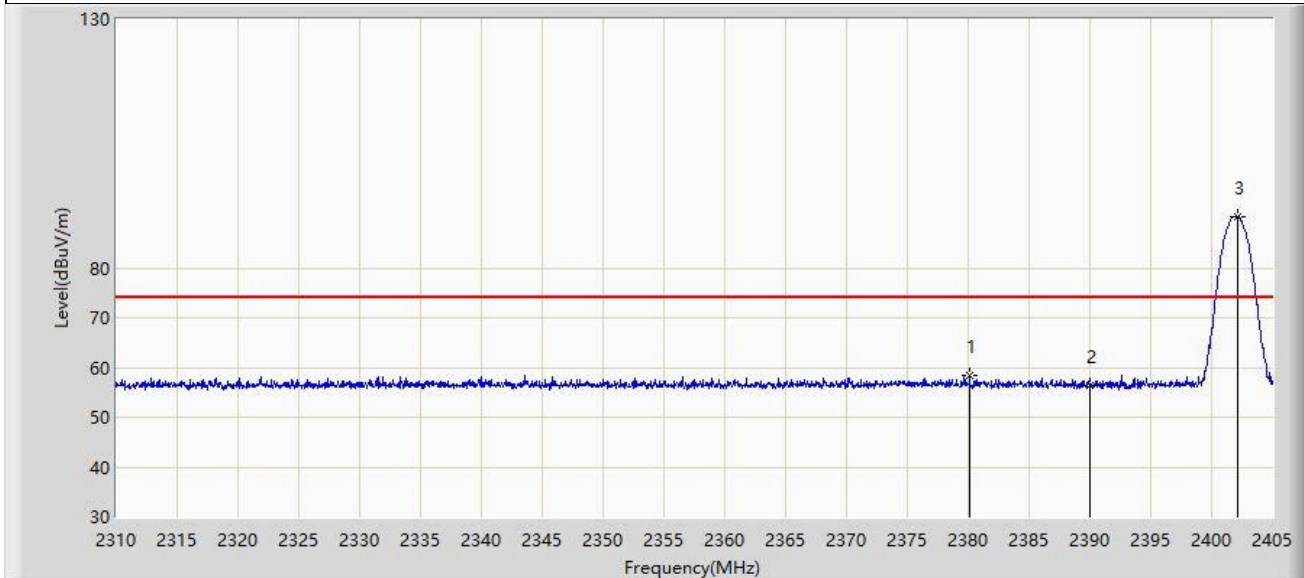
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.002	85.414	54.654	N/A	N/A	30.760	AV
2		2483.500	45.150	14.388	-8.850	54.000	30.761	AV
3	*	2483.852	45.187	14.425	-8.813	54.000	30.762	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



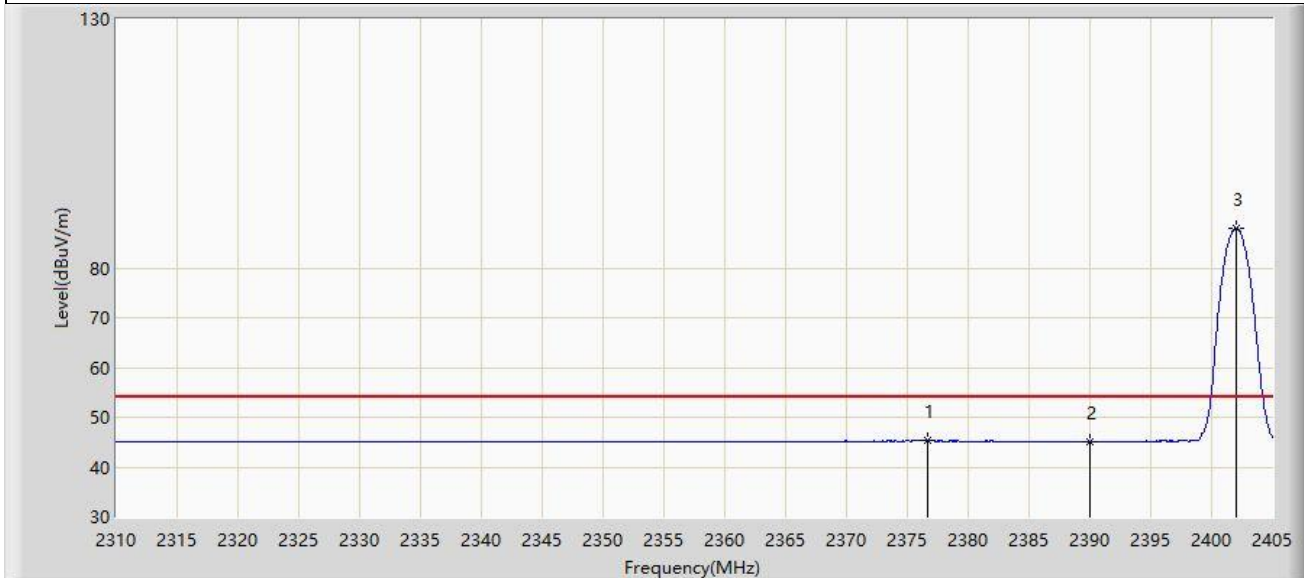
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2380.110	58.268	27.331	-15.732	74.000	30.937	PK
2		2390.000	56.241	25.390	-17.759	74.000	30.850	PK
3		2402.103	90.395	59.556	N/A	N/A	30.838	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



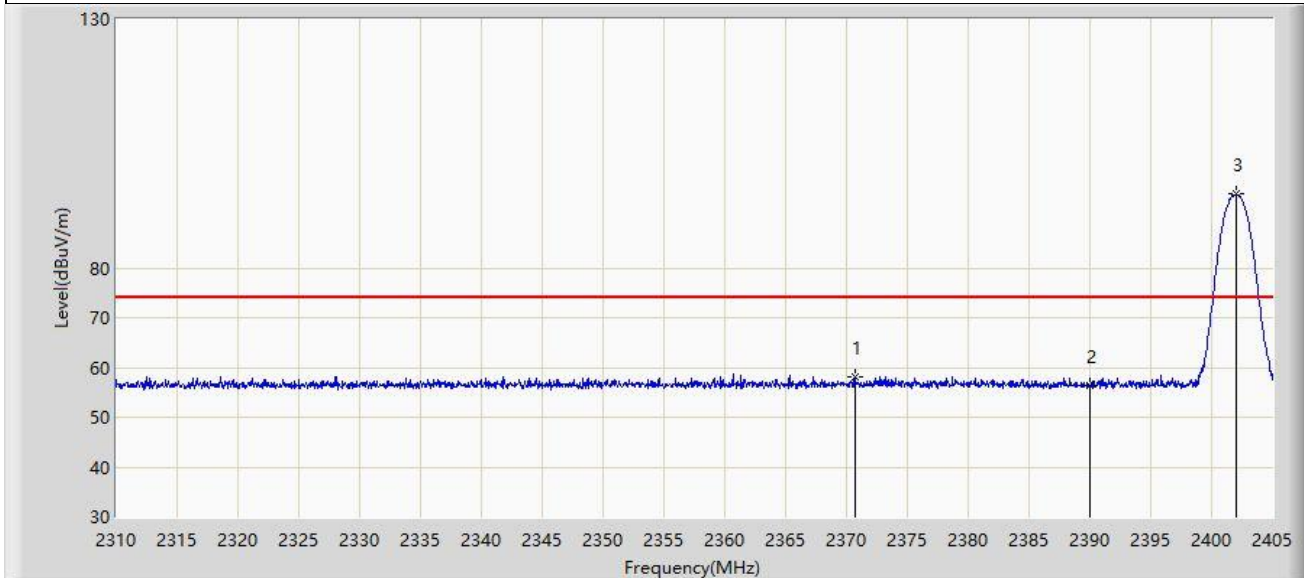
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2376.690	45.283	14.321	-8.717	54.000	30.962	AV
2		2390.000	45.097	14.246	-8.903	54.000	30.850	AV
3		2402.008	87.972	57.133	N/A	N/A	30.839	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2370.657	58.144	27.229	-15.856	74.000	30.916	PK
2		2390.000	56.270	25.419	-17.730	74.000	30.850	PK
3		2402.055	94.795	63.956	N/A	N/A	30.839	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



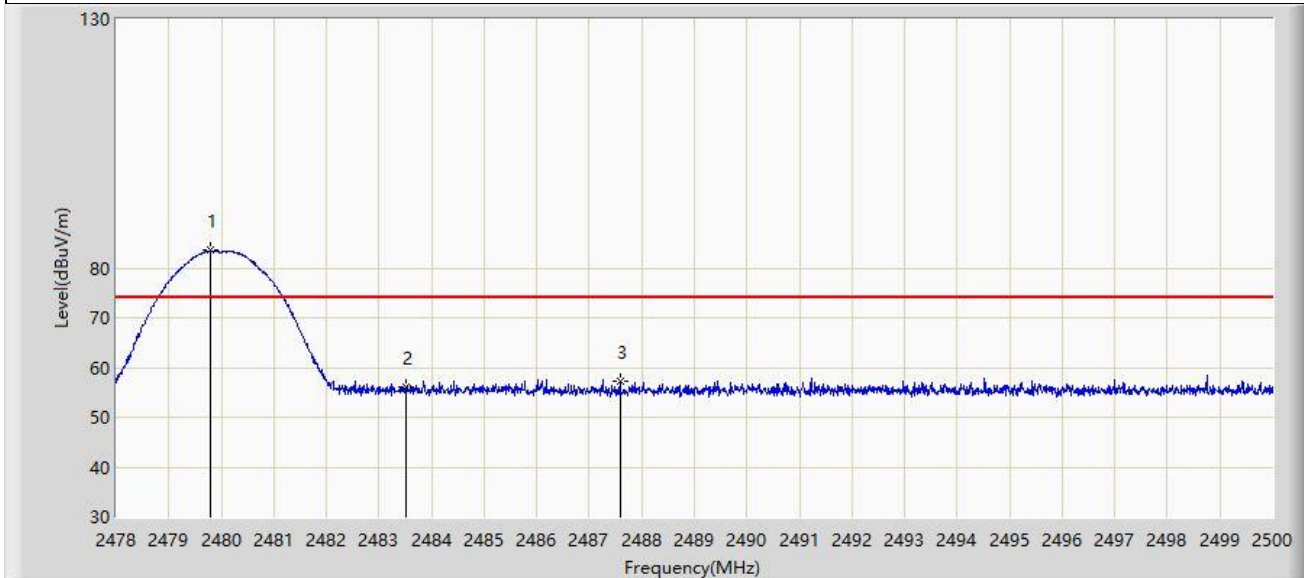
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2381.250	45.249	14.322	-8.751	54.000	30.927	AV
2		2390.000	45.123	14.272	-8.877	54.000	30.850	AV
3		2402.008	92.256	61.417	N/A	N/A	30.839	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



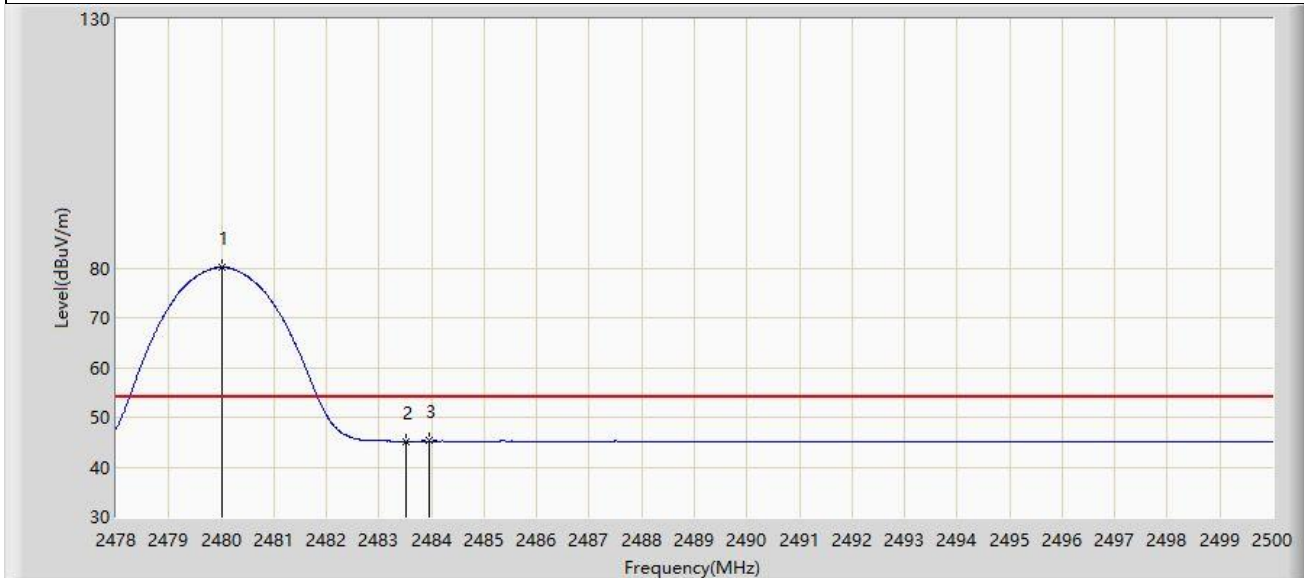
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.782	83.484	52.724	N/A	N/A	30.761	PK
2		2483.500	56.061	25.299	-17.939	74.000	30.761	PK
3	*	2487.592	57.177	26.413	-16.823	74.000	30.764	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



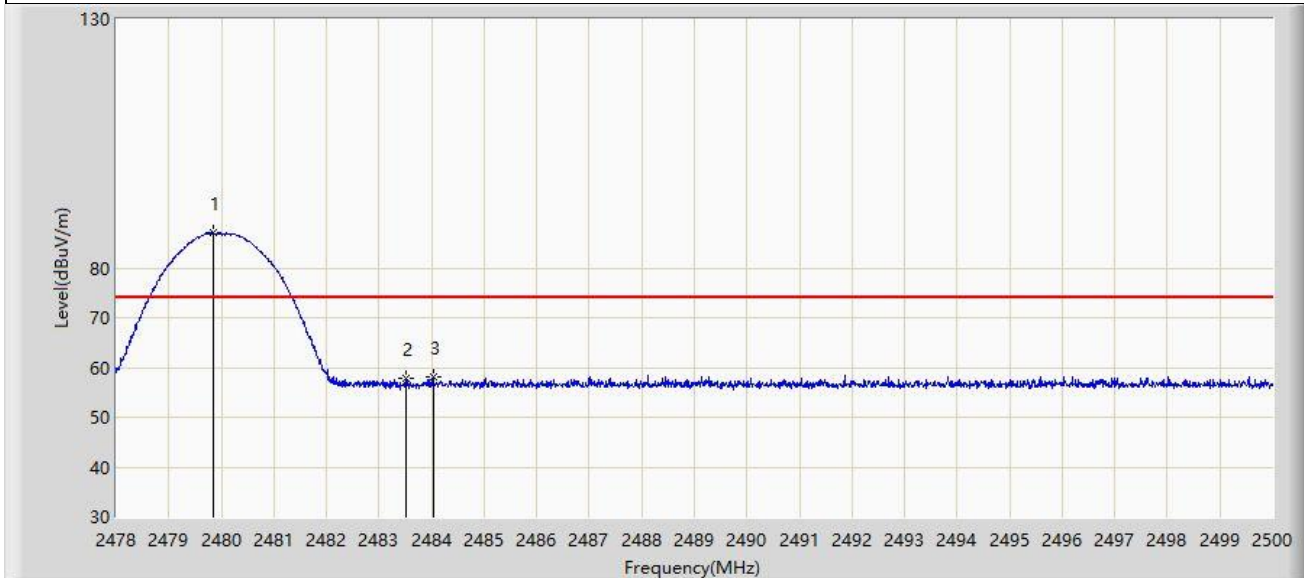
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.002	80.106	49.346	N/A	N/A	30.760	AV
2		2483.500	45.186	14.424	-8.814	54.000	30.761	AV
3	*	2483.962	45.225	14.463	-8.775	54.000	30.762	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



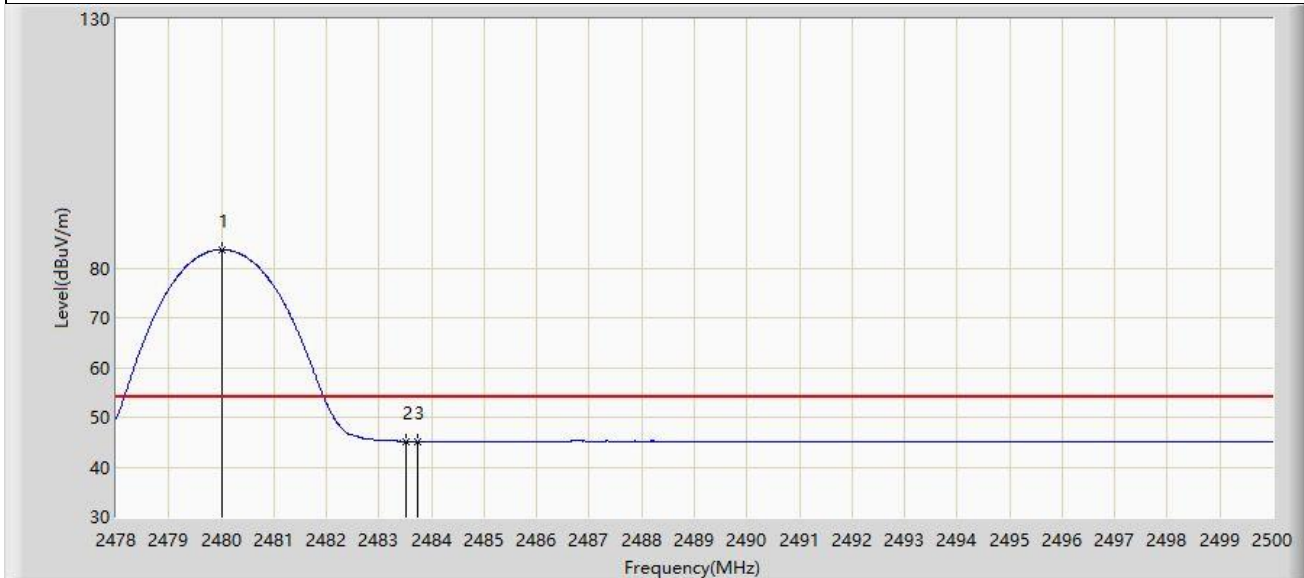
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.837	87.082	56.322	N/A	N/A	30.761	PK
2		2483.500	57.842	27.080	-16.158	74.000	30.761	PK
3	*	2484.039	58.122	27.360	-15.878	74.000	30.762	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



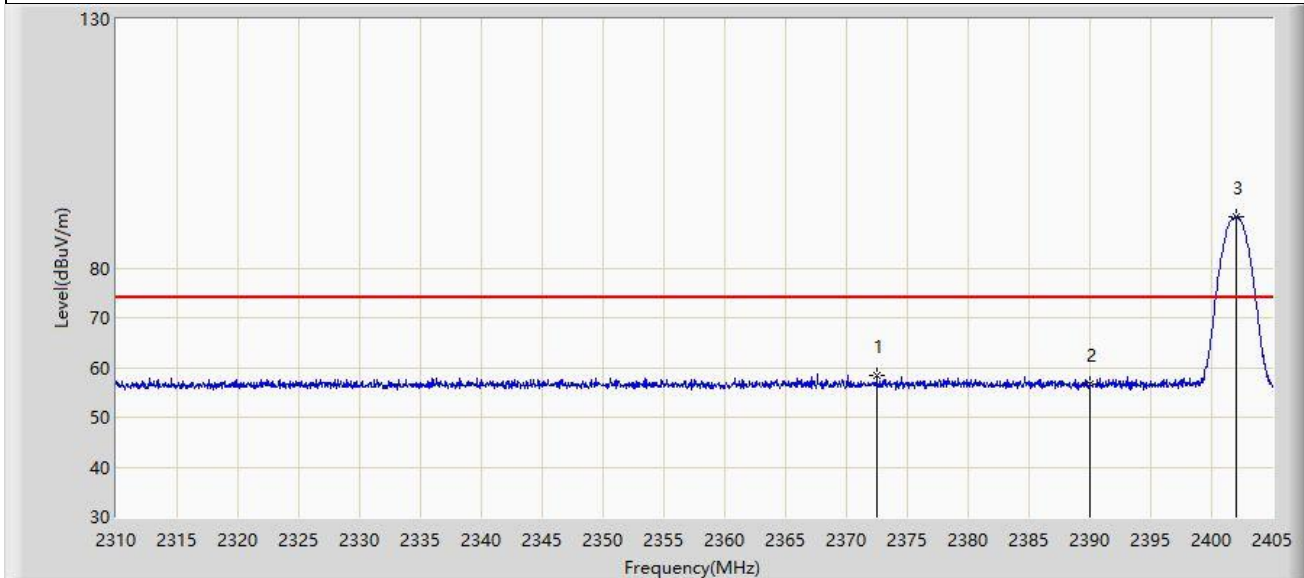
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.002	83.696	52.936	N/A	N/A	30.760	AV
2		2483.500	45.189	14.427	-8.811	54.000	30.761	AV
3	*	2483.742	45.213	14.451	-8.787	54.000	30.762	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



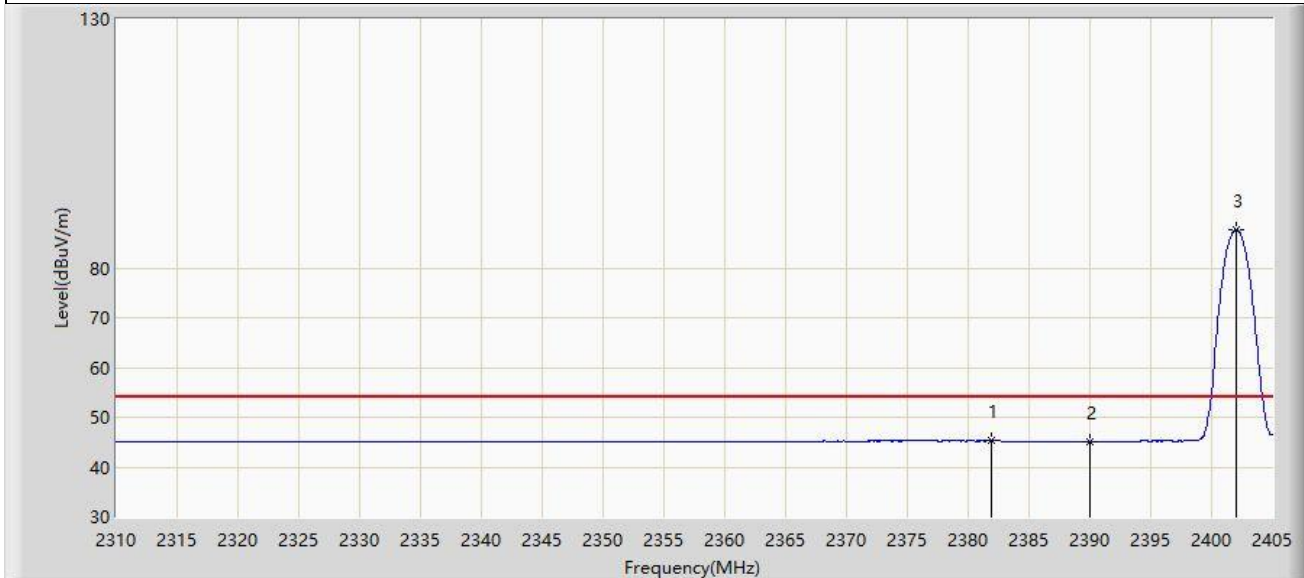
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2372.510	58.523	27.593	-15.477	74.000	30.930	PK
2		2390.000	56.712	25.861	-17.288	74.000	30.850	PK
3		2402.055	90.256	59.417	N/A	N/A	30.839	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



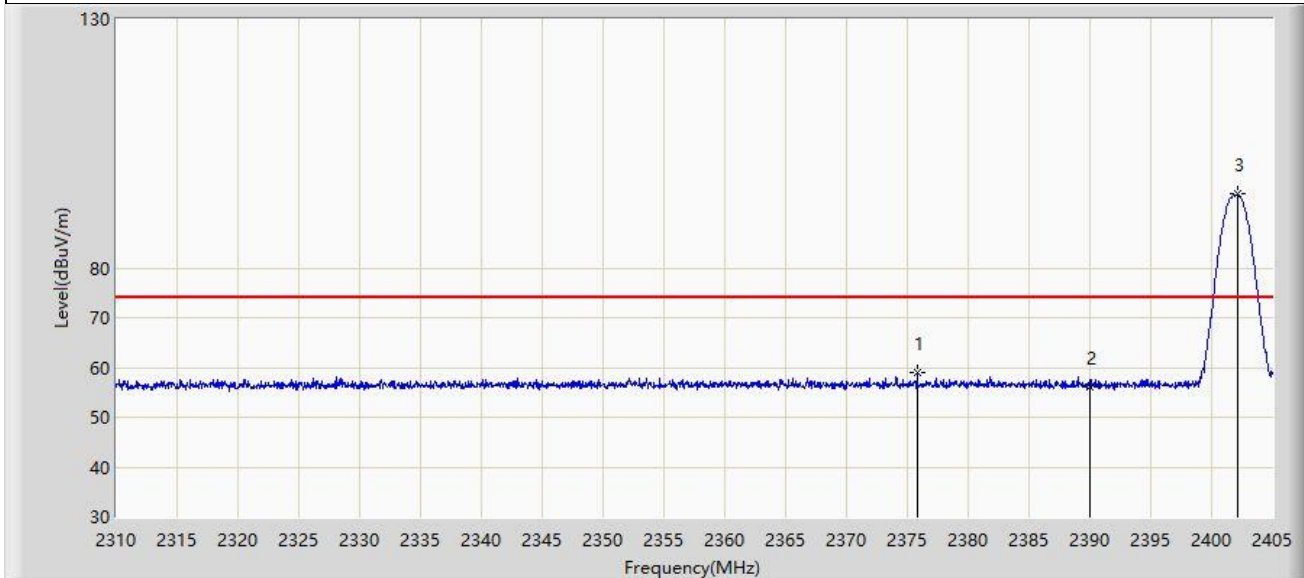
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2381.915	45.291	14.370	-8.709	54.000	30.922	AV
2		2390.000	45.142	14.291	-8.858	54.000	30.850	AV
3		2402.008	87.711	56.872	N/A	N/A	30.839	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2375.788	58.859	27.904	-15.141	74.000	30.954	PK
2		2390.000	56.102	25.251	-17.898	74.000	30.850	PK
3		2402.198	94.795	63.956	N/A	N/A	30.839	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



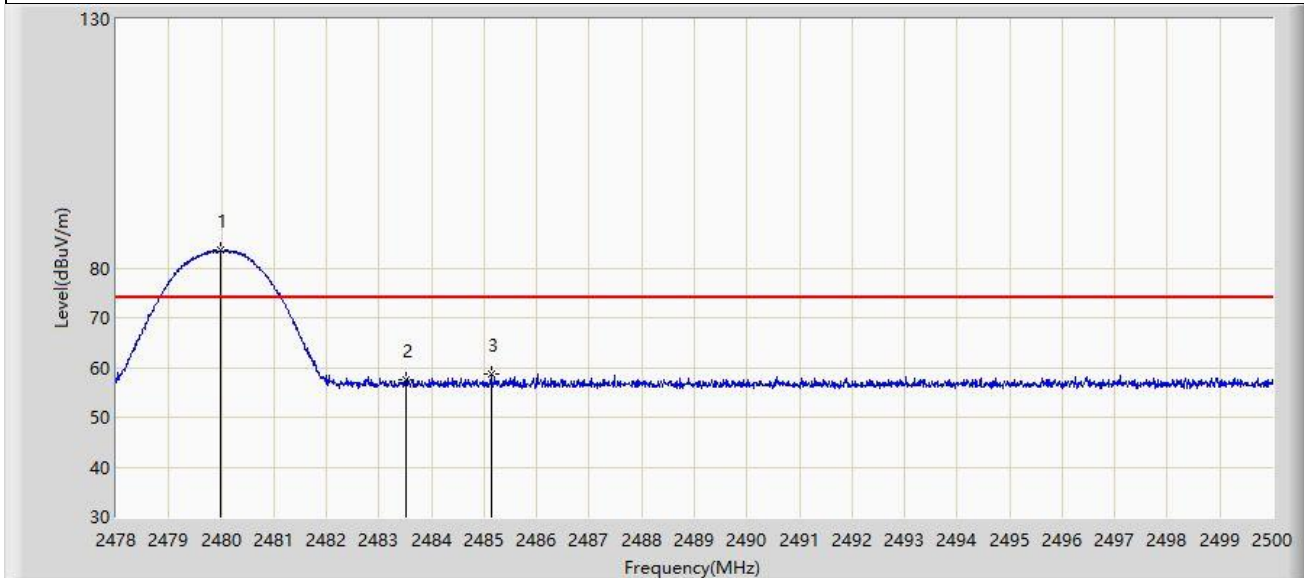
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2380.157	45.243	14.306	-8.757	54.000	30.936	AV
2		2390.000	45.110	14.259	-8.890	54.000	30.850	AV
3		2402.008	92.157	61.318	N/A	N/A	30.839	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



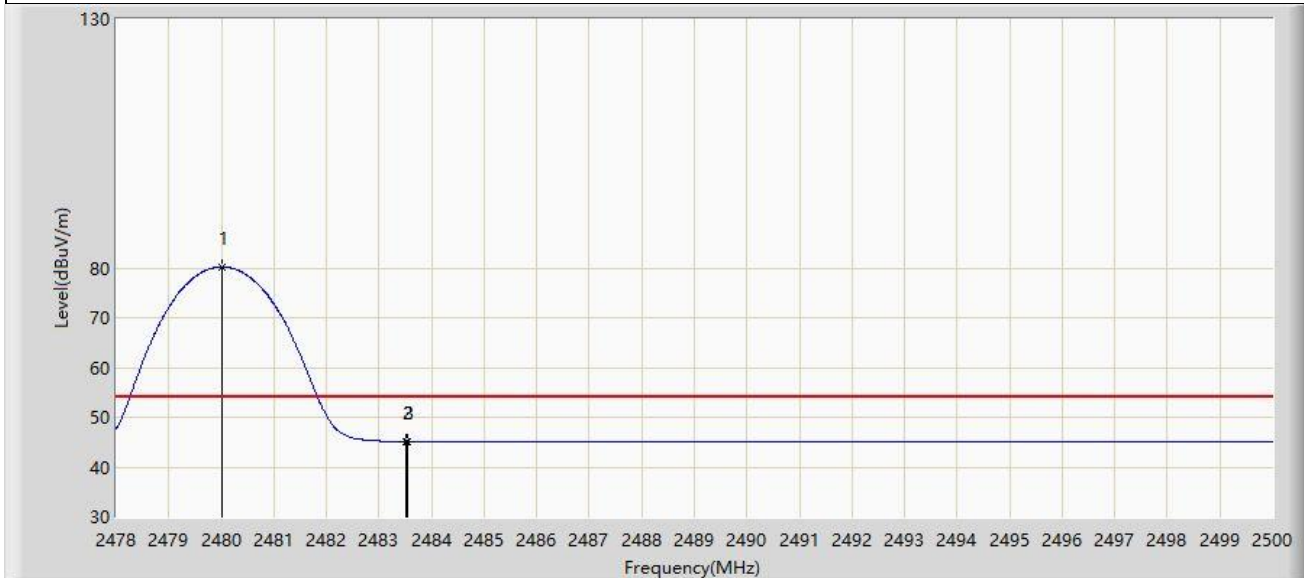
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.991	83.653	52.893	N/A	N/A	30.760	PK
2		2483.500	57.582	26.820	-16.418	74.000	30.761	PK
3	*	2485.128	58.786	28.023	-15.214	74.000	30.762	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



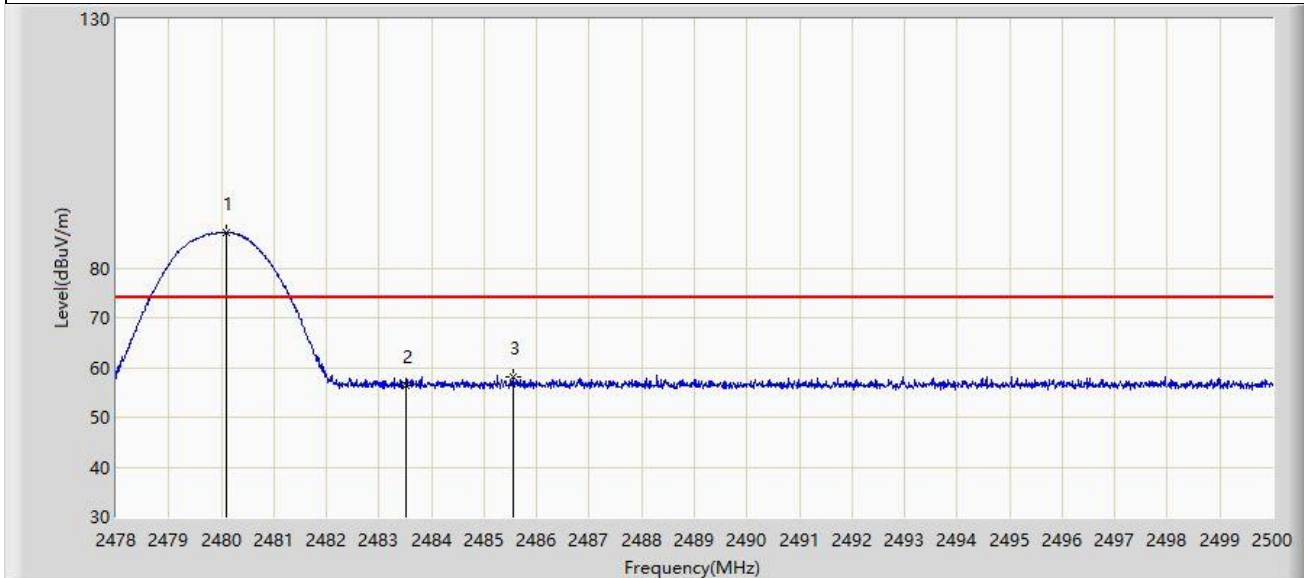
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.002	80.244	49.484	N/A	N/A	30.760	AV
2		2483.500	45.171	14.409	-8.829	54.000	30.761	AV
3	*	2483.533	45.181	14.419	-8.819	54.000	30.762	AV

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



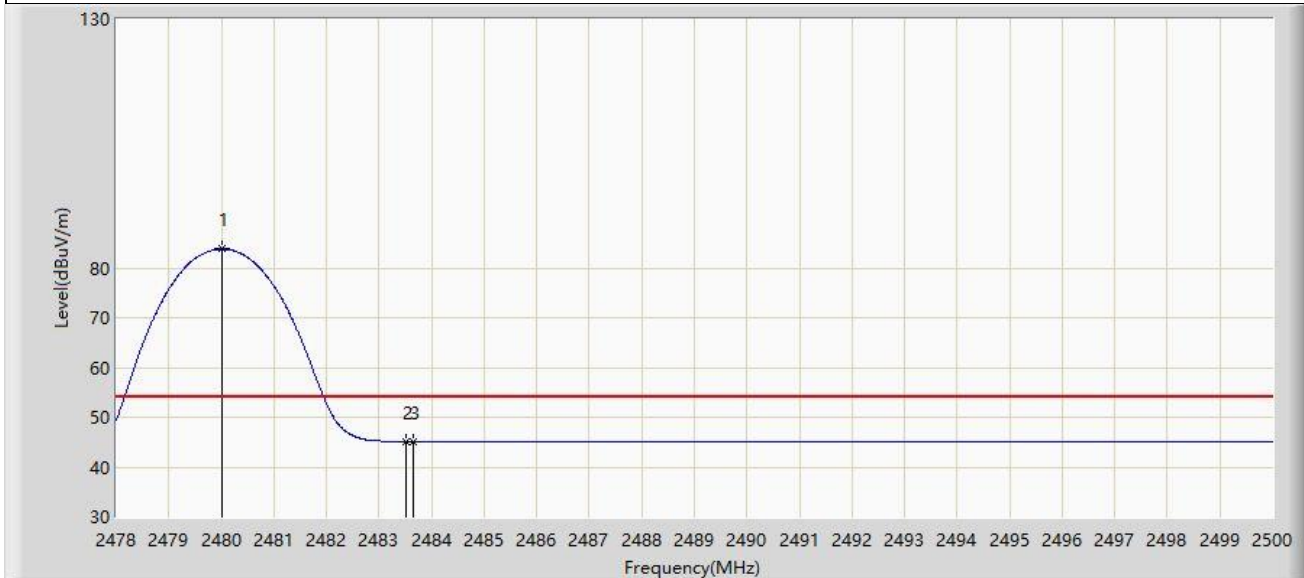
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.101	87.169	56.409	N/A	N/A	30.760	PK
2		2483.500	56.326	25.564	-17.674	74.000	30.761	PK
3	*	2485.557	58.057	27.294	-15.943	74.000	30.763	PK

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Data: 2023-07-27
Limit: FCC_2.4G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.013	83.794	53.034	N/A	N/A	30.760	AV
2		2483.500	45.175	14.413	-8.825	54.000	30.761	AV
3	*	2483.665	45.217	14.455	-8.783	54.000	30.762	AV

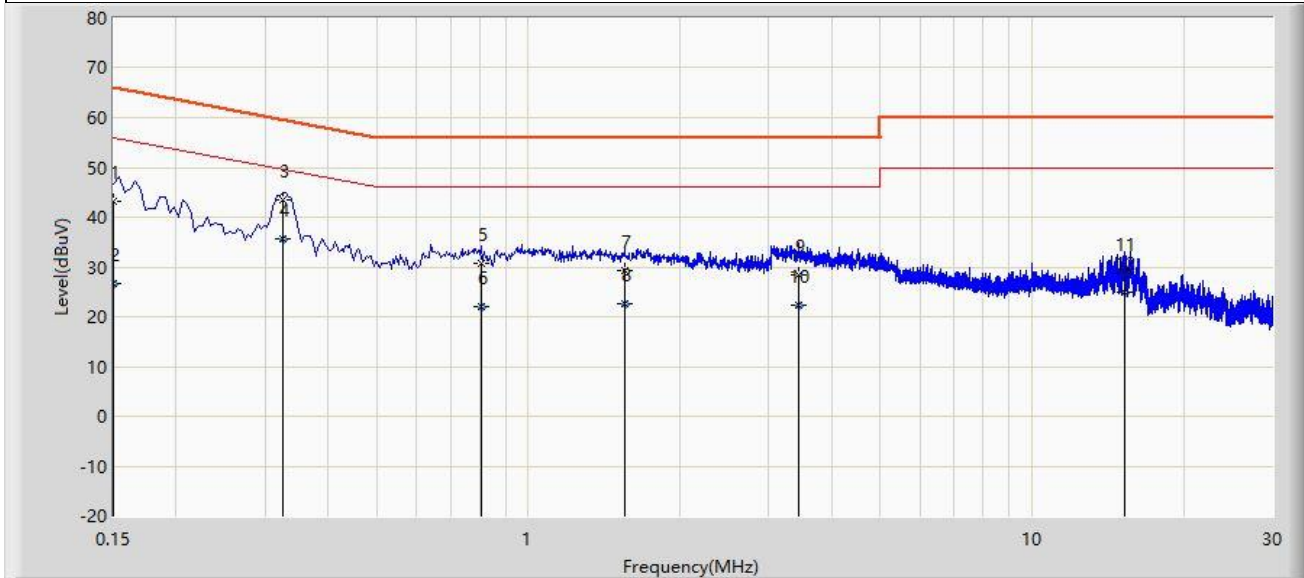
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

A.11 AC Conducted Emissions Test Result

Site: NS-SR2	Test Data: 2023-07-26
Temperature: 25.6°C	Humidity: 49.1%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-C-2023	Polarity: Line
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by BT 3DH5 at 2480MHz	



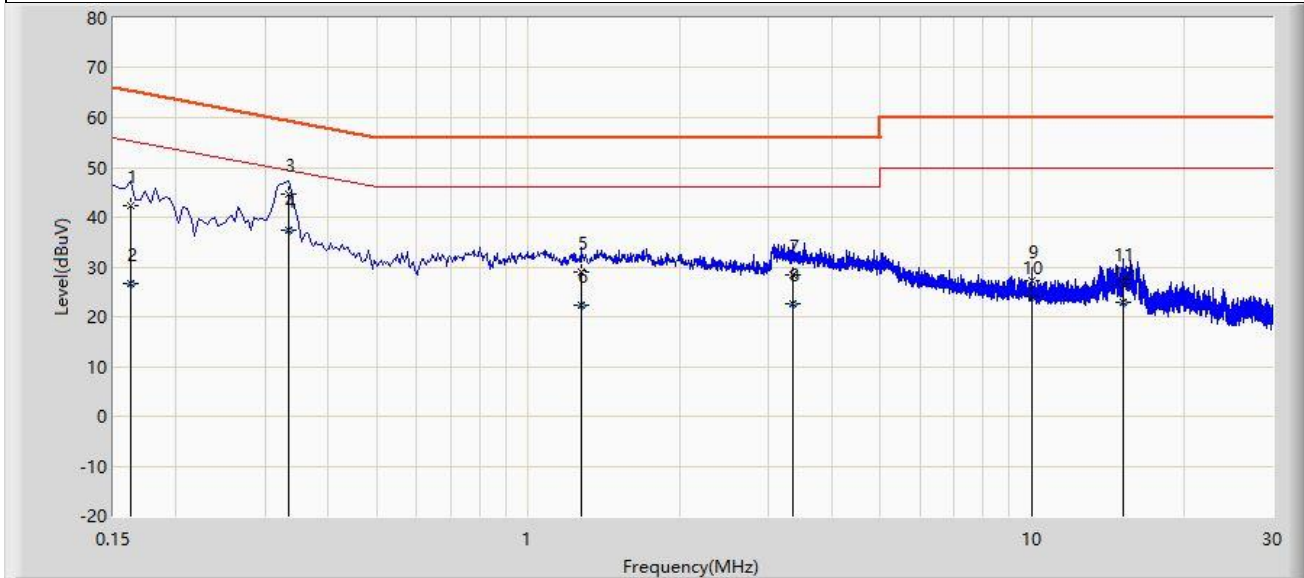
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.150	43.215	33.528	-22.785	66.000	9.687	QP
2		0.150	26.678	16.991	-29.322	56.000	9.687	AV
3		0.326	43.506	33.816	-16.046	59.552	9.690	QP
4	*	0.326	35.643	25.953	-13.909	49.552	9.690	AV
5		0.806	30.660	20.860	-25.340	56.000	9.800	QP
6		0.806	21.933	12.133	-24.067	46.000	9.800	AV
7		1.554	29.396	19.605	-26.604	56.000	9.791	QP
8		1.554	22.641	12.850	-23.359	46.000	9.791	AV
9		3.430	28.494	18.685	-27.506	56.000	9.810	QP
10		3.430	22.330	12.520	-23.670	46.000	9.810	AV
11		15.238	28.631	18.580	-31.369	60.000	10.051	QP
12		15.238	24.877	14.826	-25.123	50.000	10.051	AV

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

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: NS-SR2	Test Data: 2023-07-26
Temperature: 25.6°C	Humidity: 49.1%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-C-2023	Polarity: Neutral
EUT: Guitar Speaker	Power: AC 120V/60Hz
Test Mode: Transmit by BT 3DH5 at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.162	42.429	32.775	-22.932	65.361	9.653	QP
2		0.162	26.756	17.103	-28.605	55.361	9.653	AV
3		0.334	44.781	35.131	-14.570	59.351	9.650	QP
4	*	0.334	37.507	27.857	-11.844	49.351	9.650	AV
5		1.274	29.129	19.433	-26.871	56.000	9.696	QP
6		1.274	22.410	12.714	-23.590	46.000	9.696	AV
7		3.342	28.389	18.612	-27.611	56.000	9.777	QP
8		3.342	22.472	12.695	-23.528	46.000	9.777	AV
9		9.998	27.373	17.333	-32.627	60.000	10.040	QP
10		9.998	23.959	13.920	-26.041	50.000	10.040	AV
11		15.118	26.718	16.538	-33.282	60.000	10.180	QP
12		15.118	22.766	12.586	-27.234	50.000	10.180	AV

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

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B - Test Setup Photograph

Refer to “2307RSU056-UT” file.

Appendix C - EUT Photograph

Refer to “ 2307RSU056-UE” file.

_____ The End _____