

A.8 Conducted Spurious Emissions Test Result

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2023-04-25		

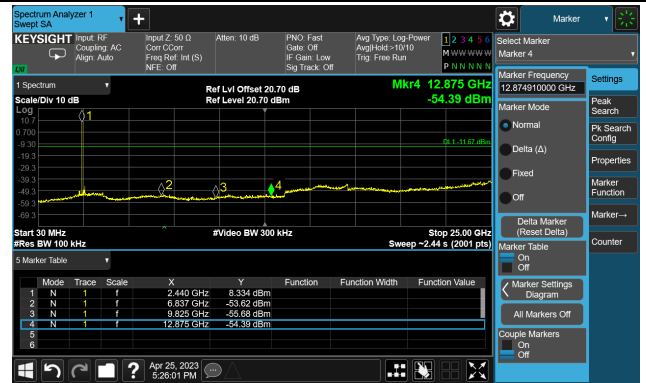
Test Mode	Channel No.	Frequency (MHz)	Limit (dBc)	Result
DH5	00	2402	20	Pass
DH5	39	2441	20	Pass
DH5	78	2480	20	Pass
2DH5	00	2402	20	Pass
2DH5	39	2441	20	Pass
2DH5	78	2480	20	Pass
3DH5	00	2402	20	Pass
3DH5	39	2441	20	Pass
3DH5	78	2480	20	Pass

DH5 Conducted Spurious Emissions

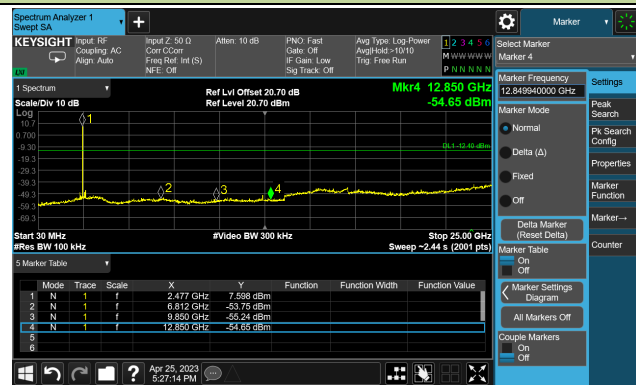
Channel 00 (2402MHz)



Channel 39 (2441MHz)

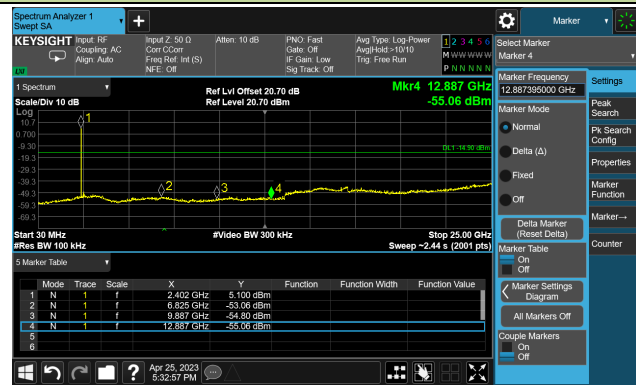


Channel 78 (2480MHz)



2DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



Channel 39 (2441MHz)

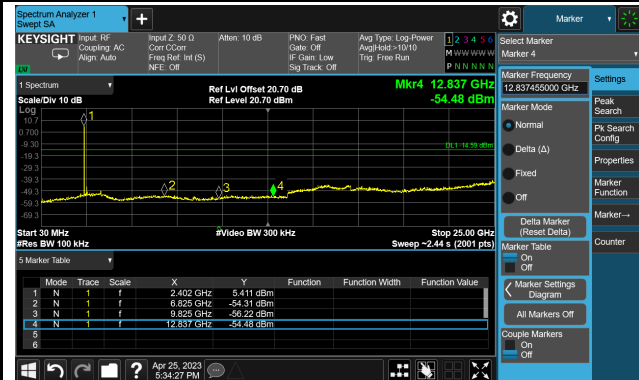


Channel 78 (2480MHz)



3DH5 Conducted Spurious Emissions

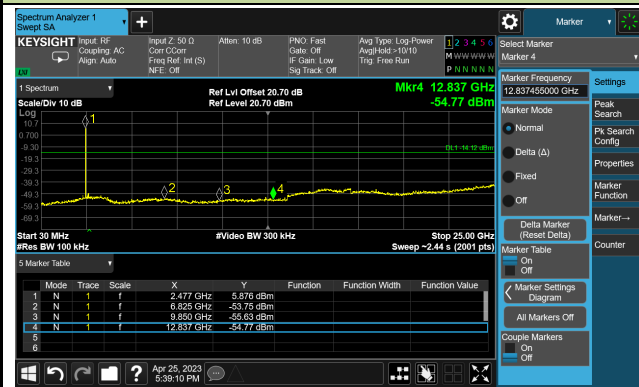
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



A.9 Radiated Spurious Emission Test Result

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-05-08	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
00	4808.0	51.6	-6.3	45.3	74.0	-28.7	Peak	Horizontal
	12007.5	47.8	7.2	55.0	74.0	-19.0	Peak	Horizontal
	12007.5	42.1	7.2	49.3	54.0	-4.7	Average	Horizontal
	17898.0	37.4	20.0	57.4	74.0	-16.6	Peak	Horizontal
	17898.0	25.2	20.0	45.2	54.0	-8.8	Average	Horizontal
	4808.0	55.4	-6.3	49.1	74.0	-24.9	Peak	Vertical
	12007.5	52.6	7.2	59.8	74.0	-14.2	Peak	Vertical
	12007.5	46.7	7.2	53.9	54.0	-0.1	Average	Vertical
	17983.0	36.5	20.1	56.6	74.0	-17.4	Peak	Vertical
	17983.0	25.4	20.1	45.5	54.0	-8.5	Average	Vertical
39	4884.5	45.9	-6.0	39.9	74.0	-34.1	Peak	Horizontal
	12203.0	44.3	7.2	51.5	74.0	-22.5	Peak	Horizontal
	12203.0	38.7	7.2	45.9	54.0	-8.1	Average	Horizontal
	17838.5	37.6	19.3	56.9	74.0	-17.1	Peak	Horizontal
	17838.5	25.2	19.3	44.5	54.0	-9.5	Average	Horizontal
	4884.5	50.9	-6.0	44.9	74.0	-29.1	Peak	Vertical
	12203.0	50.8	7.2	58.0	74.0	-16.0	Peak	Vertical
	12203.0	46.2	7.2	53.4	54.0	-0.6	Average	Vertical
	17983.0	37.2	20.1	57.3	74.0	-16.7	Peak	Vertical
	17983.0	25.3	20.1	45.4	54.0	-8.6	Average	Vertical
78	4961.0	50.6	-5.4	45.2	74.0	-28.8	Peak	Horizontal
	12398.5	42.8	7.2	50.0	74.0	-24.0	Peak	Horizontal
	17940.5	36.7	19.8	56.5	74.0	-17.5	Peak	Horizontal
	17940.5	25.6	19.8	45.4	54.0	-8.6	Average	Horizontal
	4961.0	49.4	-5.4	44.0	74.0	-30.0	Peak	Vertical
	12398.5	50.1	7.2	57.3	74.0	-16.7	Peak	Vertical
	12398.5	45.1	7.2	52.3	54.0	-1.7	Average	Vertical

	17864.0	37.7	19.2	56.9	74.0	-17.1	Peak	Vertical
	17964.0	25.2	19.8	45.0	54.0	-9.0	Average	Vertical

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) - Pre_Amplifier Gain (dB)

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-05-08	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	4808.0	49.3	-6.3	43.0	74.0	-31.0	Peak	Horizontal
	12007.5	42.0	7.2	49.2	74.0	-24.8	Peak	Horizontal
	17855.5	37.4	19.3	56.7	74.0	-17.3	Peak	Horizontal
	17855.5	25.1	19.3	44.4	54.0	-9.6	Average	Horizontal
	4808.0	53.5	-6.3	47.2	74.0	-26.8	Peak	Vertical
	12007.5	46.1	7.2	53.3	74.0	-20.7	Peak	Vertical
	12007.5	40.5	7.2	47.7	54.0	-6.3	Average	Vertical
	18000.0	36.2	20.4	56.6	74.0	-17.4	Peak	Vertical
	18000.0	25.6	20.4	46.0	54.0	-8.0	Average	Vertical
39	4884.5	45.4	-6.0	39.4	74.0	-34.6	Peak	Horizontal
	11047.0	40.7	7.5	48.2	74.0	-25.8	Peak	Horizontal
	17923.5	36.4	20.5	56.9	74.0	-17.1	Peak	Horizontal
	17923.5	25.6	20.5	46.1	54.0	-7.9	Average	Horizontal
	4884.5	49.2	-6.0	43.2	74.0	-30.8	Peak	Vertical
	12203.0	43.7	7.2	50.9	74.0	-23.1	Peak	Vertical
	17838.5	37.6	19.3	56.9	74.0	-17.1	Peak	Vertical
	17838.5	25.4	19.3	44.7	54.0	-9.3	Average	Vertical
78	4961.0	48.8	-5.4	43.4	74.0	-30.6	Peak	Horizontal
	11089.5	41.2	7.4	48.6	74.0	-25.4	Peak	Horizontal
	17991.5	36.4	20.3	56.7	74.0	-17.3	Peak	Horizontal
	17991.5	25.6	20.3	45.9	54.0	-8.1	Average	Horizontal
	4961.0	48.0	-5.4	42.6	74.0	-31.4	Peak	Vertical
	12398.5	43.2	7.2	50.4	74.0	-23.6	Peak	Vertical
	17847.0	37.8	19.4	57.2	74.0	-16.8	Peak	Vertical
	17847.0	25.5	19.4	44.9	54.0	-9.1	Average	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-05-08	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.		

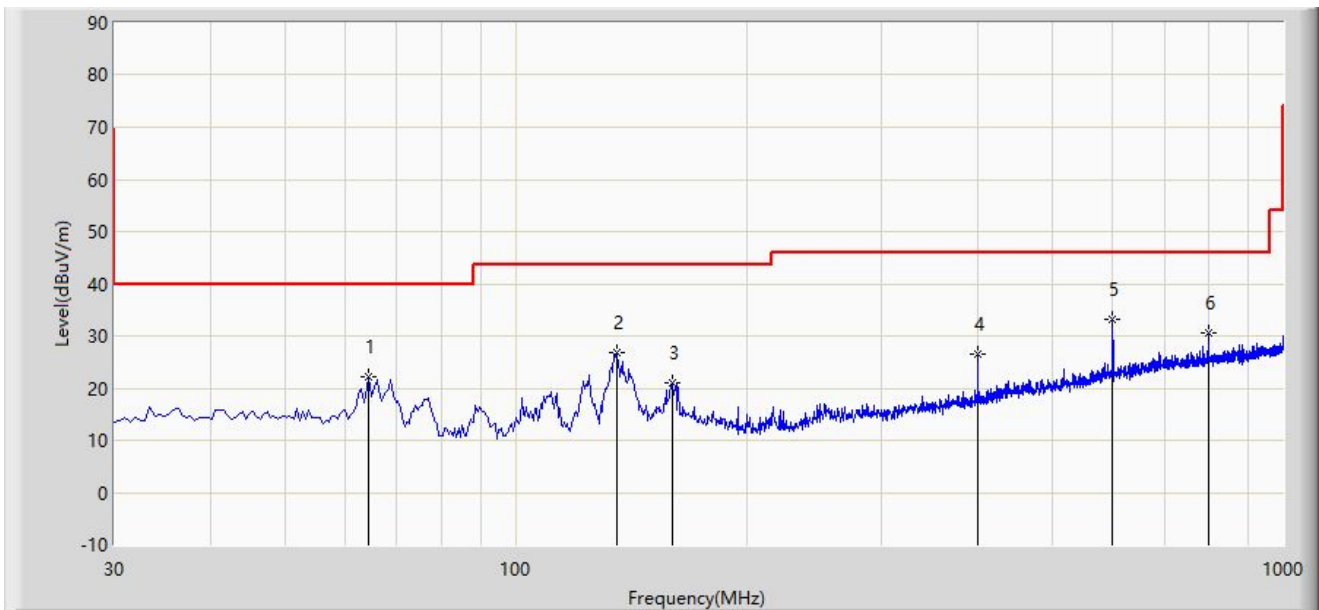
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	4808.0	48.9	-6.3	42.6	74.0	-31.4	Peak	Horizontal
	11531.5	41.6	7.9	49.5	74.0	-24.5	Peak	Horizontal
	17949.0	37.8	19.6	57.4	74.0	-16.6	Peak	Horizontal
	17949.0	25.3	19.6	44.9	54.0	-9.1	Average	Horizontal
	4799.5	52.0	-6.0	46.0	74.0	-28.0	Peak	Vertical
	12007.5	47.1	7.2	54.3	74.0	-19.7	Peak	Vertical
	12007.5	40.9	7.2	48.1	54.0	-5.9	Average	Vertical
	18000.0	37.1	20.4	57.5	74.0	-16.5	Peak	Vertical
	18000.0	25.3	20.4	45.7	54.0	-8.3	Average	Vertical
39	4884.5	45.4	-6.0	39.4	74.0	-34.6	Peak	Horizontal
	11497.5	40.2	8.1	48.3	74.0	-25.7	Peak	Horizontal
	17838.5	38.1	19.3	57.4	74.0	-16.6	Peak	Horizontal
	17838.5	25.2	19.3	44.5	54.0	-9.5	Average	Horizontal
	4884.5	48.8	-6.0	42.8	74.0	-31.2	Peak	Vertical
	12203.0	44.5	7.2	51.7	74.0	-22.3	Peak	Vertical
	12203.0	38.5	7.2	45.7	54.0	-8.3	Average	Vertical
	17983.0	36.8	20.1	56.9	74.0	-17.1	Peak	Vertical
	17983.0	25.6	20.1	45.7	54.0	-8.3	Average	Vertical
78	4961.0	50.0	-5.4	44.6	74.0	-29.4	Peak	Horizontal
	10800.5	40.9	7.2	48.1	74.0	-25.9	Peak	Horizontal
	18000.0	36.6	20.4	57.0	74.0	-17.0	Peak	Horizontal
	18000.0	25.6	20.4	46.0	54.0	-8.0	Average	Horizontal
	4961.0	48.1	-5.4	42.7	74.0	-31.3	Peak	Vertical
	12398.5	42.5	7.2	49.7	74.0	-24.3	Peak	Vertical
	17838.5	37.9	19.3	57.2	74.0	-16.8	Peak	Vertical
	17838.5	25.9	19.3	45.2	54.0	-8.8	Average	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: SIP-AC3	Test Date: 2023-05-09
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: VULB 9168_00997_25-2000MHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	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		64.435	22.146	5.661	-17.854	40.000	16.485	PK
2		135.245	26.929	9.850	-16.571	43.500	17.079	PK
3		159.980	21.083	3.132	-22.417	43.500	17.951	PK
4		400.055	26.501	5.644	-19.499	46.000	20.856	PK
5	*	599.875	33.253	7.859	-12.747	46.000	25.394	PK
6		800.180	30.632	2.174	-15.368	46.000	28.458	PK

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

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

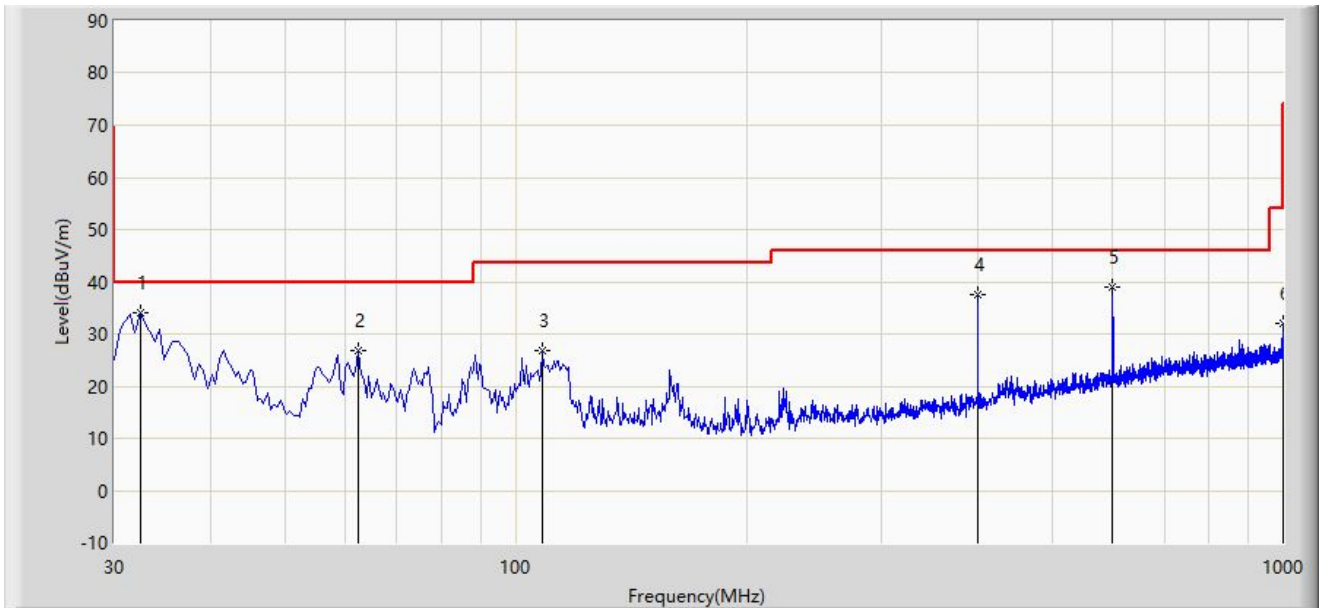
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: 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: SIP-AC3	Test Date: 2023-05-09
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: VULB 9168_00997_25-2000MHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



No	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	*	32.425	34.012	17.382	-5.988	40.000	16.630	PK
2		62.495	26.799	10.037	-13.201	40.000	16.763	PK
3		108.570	26.878	12.201	-16.622	43.500	14.677	PK
4		400.055	37.669	16.812	-8.331	46.000	20.856	PK
5		599.875	39.113	13.719	-6.887	46.000	25.394	PK
6		1000.000	31.971	1.724	-22.029	54.000	30.247	PK

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

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

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

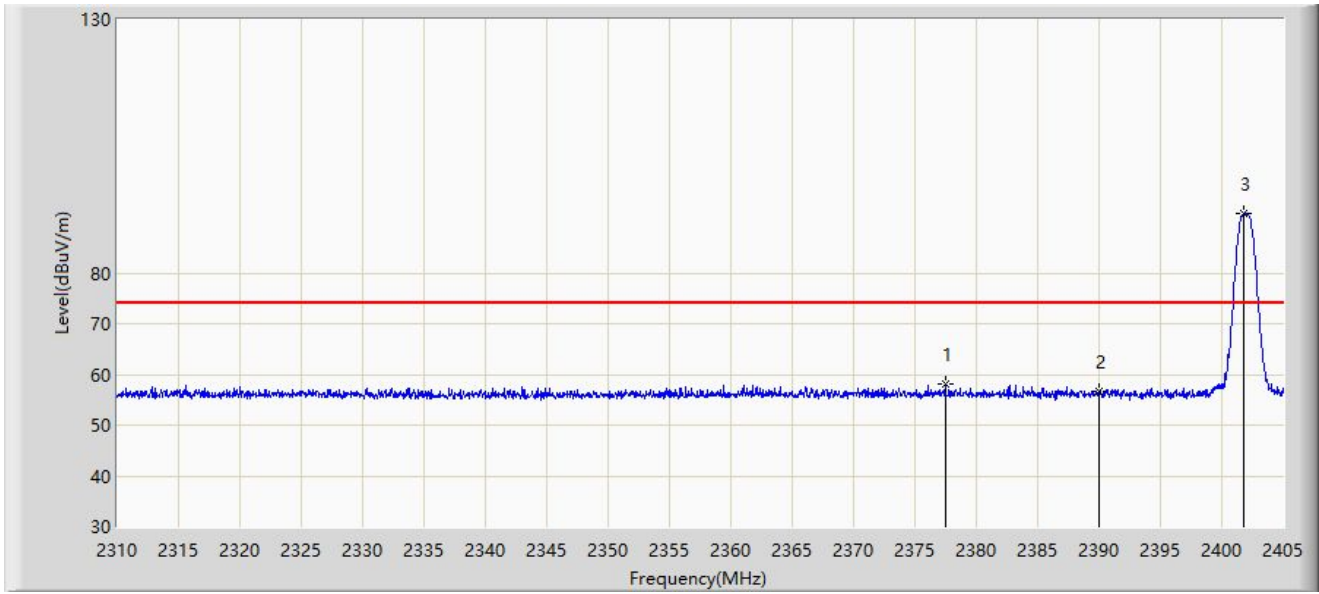
Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: 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: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



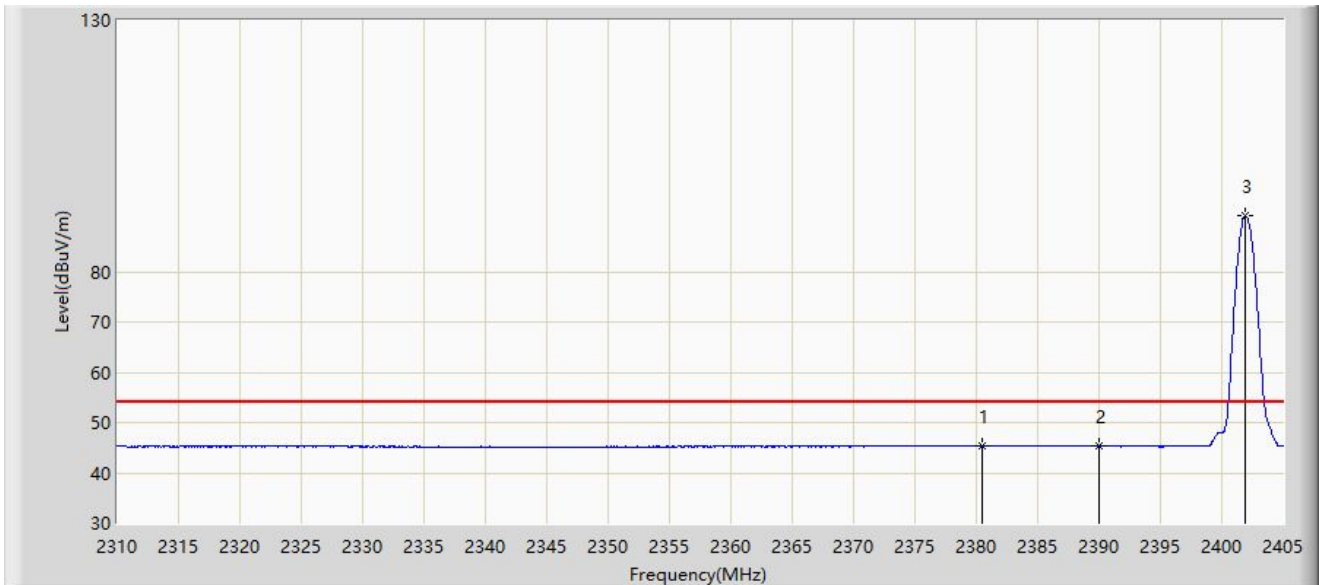
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2377.450	58.168	25.715	-15.832	74.000	32.453	PK
2		2390.000	56.594	24.211	-17.406	74.000	32.382	PK
3		2401.770	91.648	59.300	N/A	N/A	32.348	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



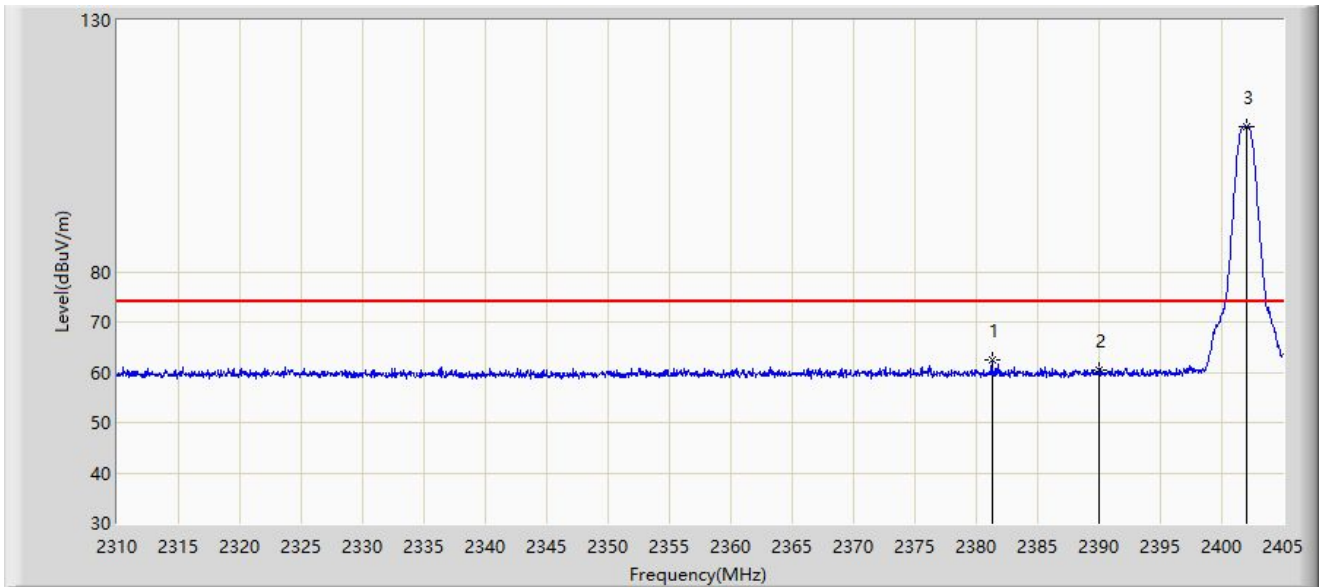
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2380.442	45.389	12.952	-8.611	54.000	32.436	AV
2		2390.000	45.291	12.908	-8.709	54.000	32.382	AV
3		2401.865	91.095	58.747	N/A	N/A	32.347	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



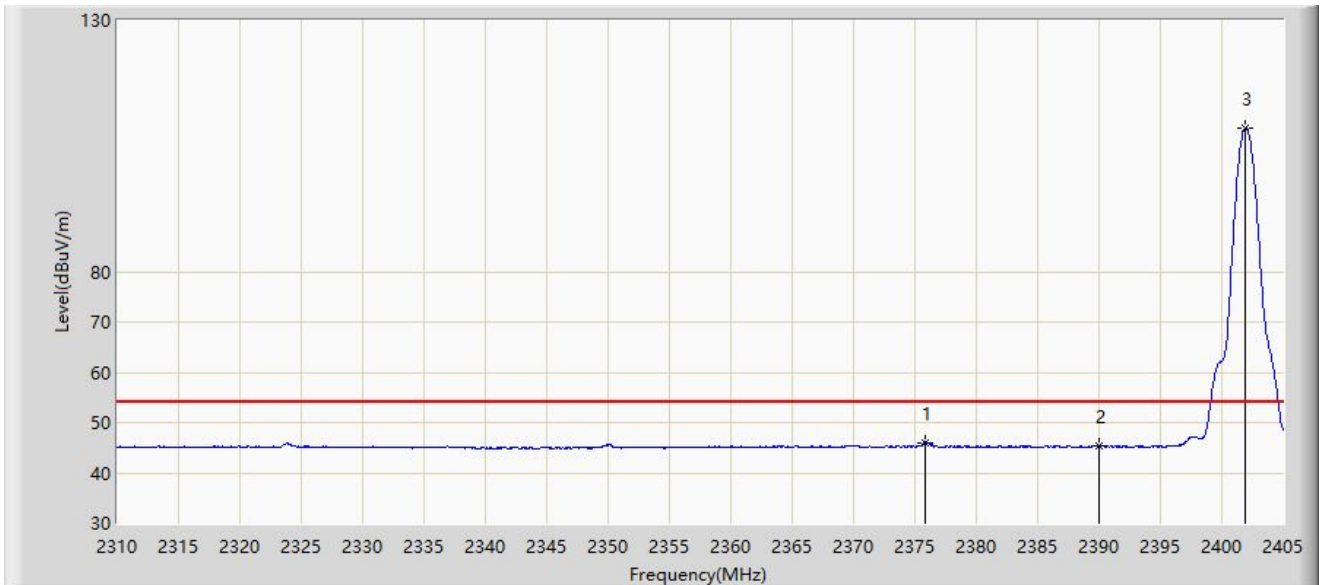
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2381.250	62.339	29.907	-11.661	74.000	32.432	PK
2		2390.000	60.520	28.137	-13.480	74.000	32.382	PK
3		2402.008	108.946	76.599	N/A	N/A	32.347	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



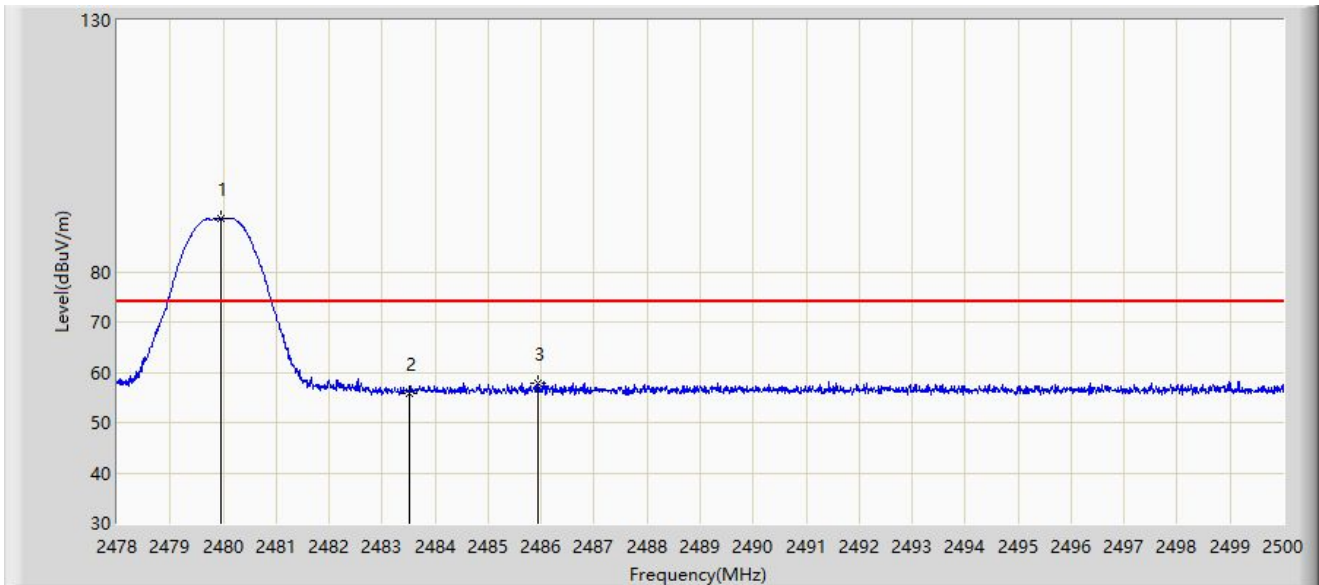
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2375.835	46.009	13.552	-7.991	54.000	32.457	AV
2		2390.000	45.383	13.000	-8.617	54.000	32.382	AV
3		2401.913	108.533	76.186	N/A	N/A	32.347	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



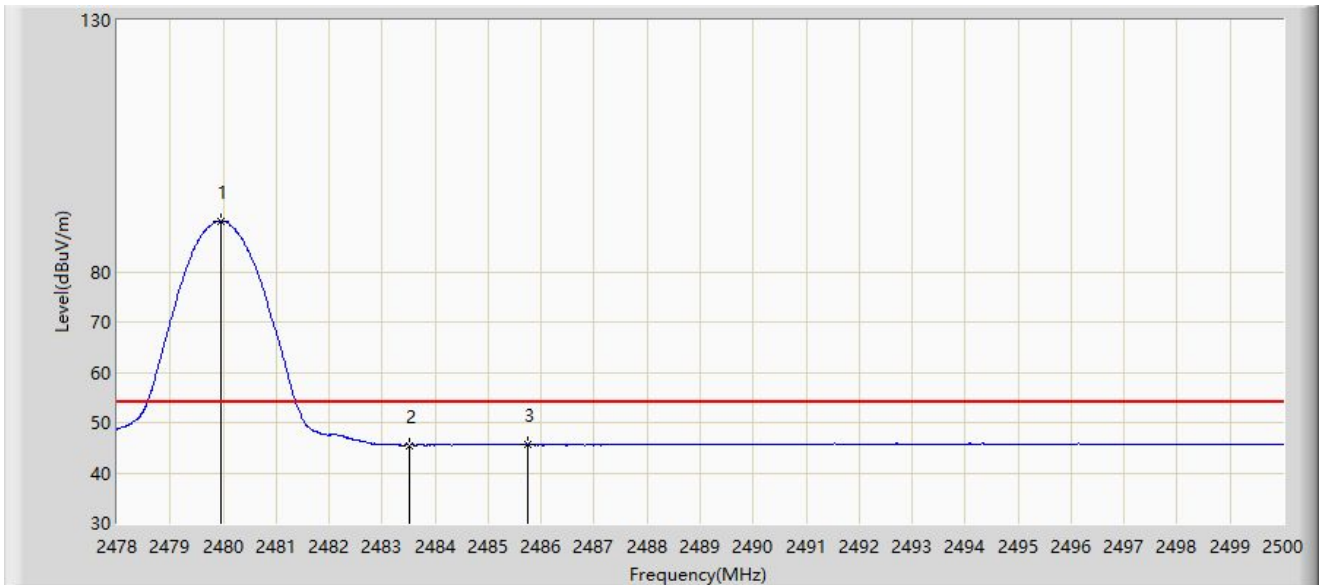
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.969	90.600	58.389	N/A	N/A	32.212	PK
2		2483.500	55.916	23.693	-18.084	74.000	32.222	PK
3	*	2485.931	57.812	25.582	-16.188	74.000	32.230	PK

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: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



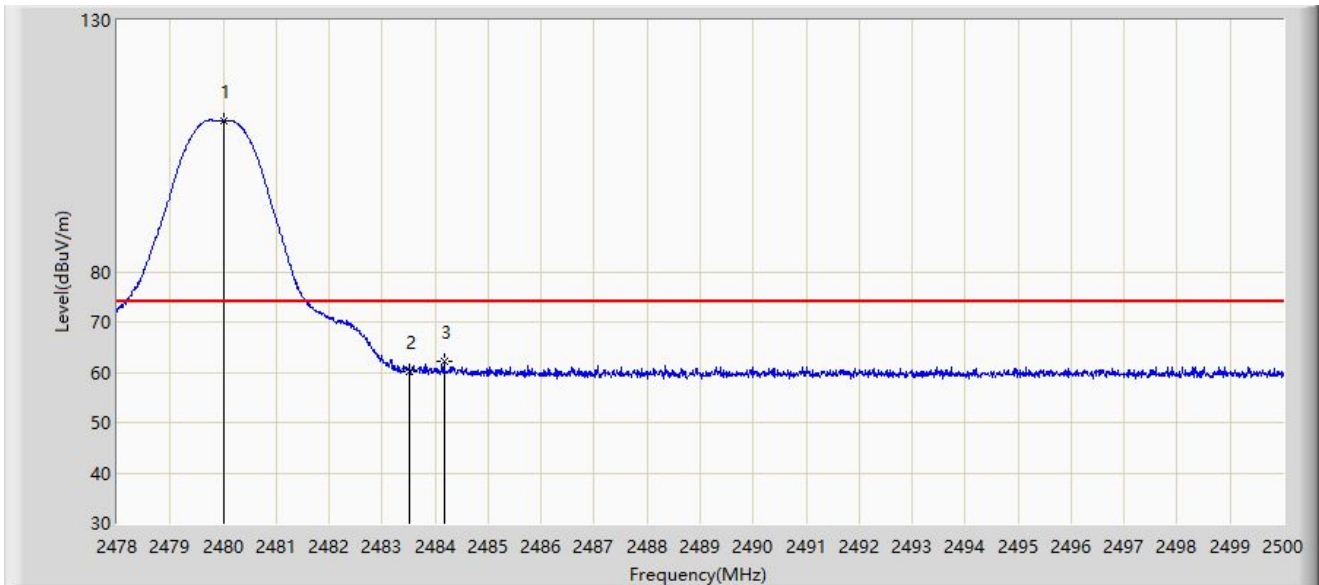
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		2479.969	90.054	57.843	N/A	N/A	32.212	AV
2		2483.500	45.507	13.284	-8.493	54.000	32.222	AV
3	*	2485.755	45.740	13.510	-8.260	54.000	32.230	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



No	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	110.058	77.847	N/A	N/A	32.212	PK
2		2483.500	60.138	27.915	-13.862	74.000	32.222	PK
3	*	2484.171	62.310	30.085	-11.690	74.000	32.225	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



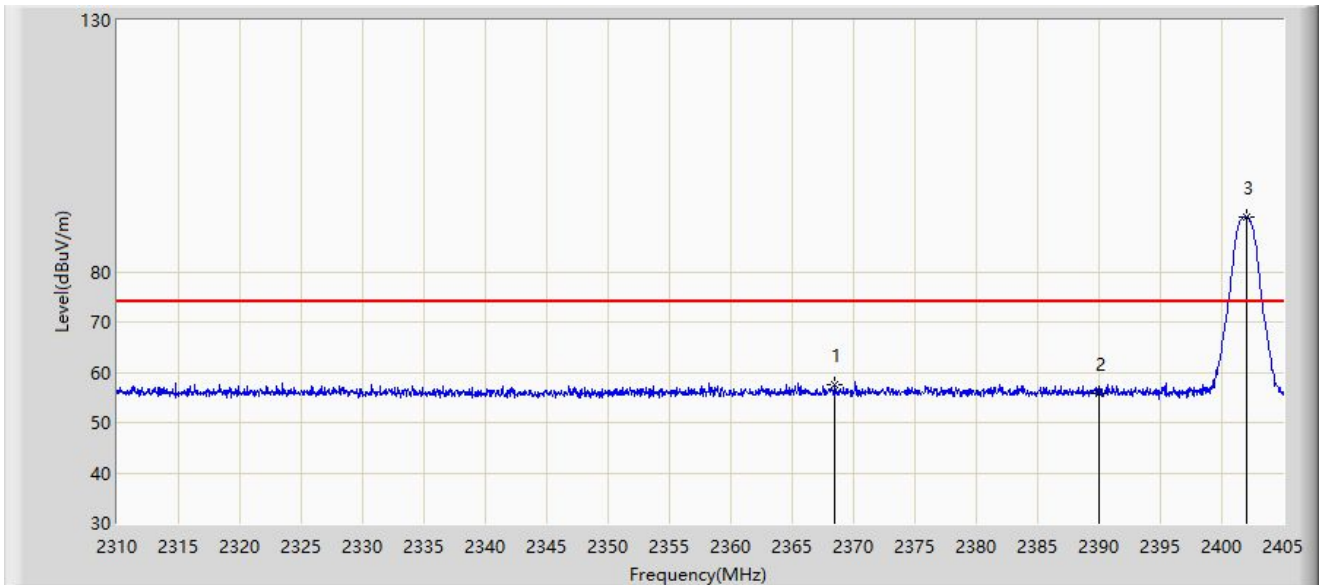
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.002	109.385	77.174	N/A	N/A	32.212	AV
2	*	2483.500	49.509	17.286	-4.491	54.000	32.222	AV

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: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



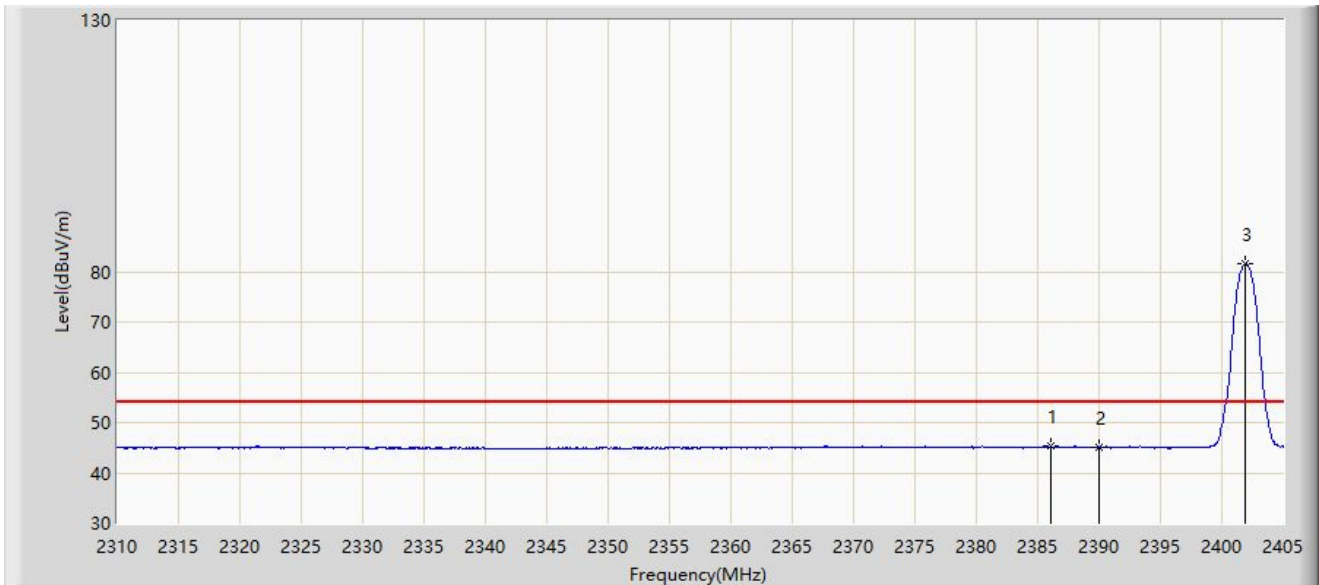
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2368.472	57.592	25.128	-16.408	74.000	32.464	PK
2		2390.000	55.899	23.516	-18.101	74.000	32.382	PK
3		2402.008	90.832	58.485	N/A	N/A	32.347	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



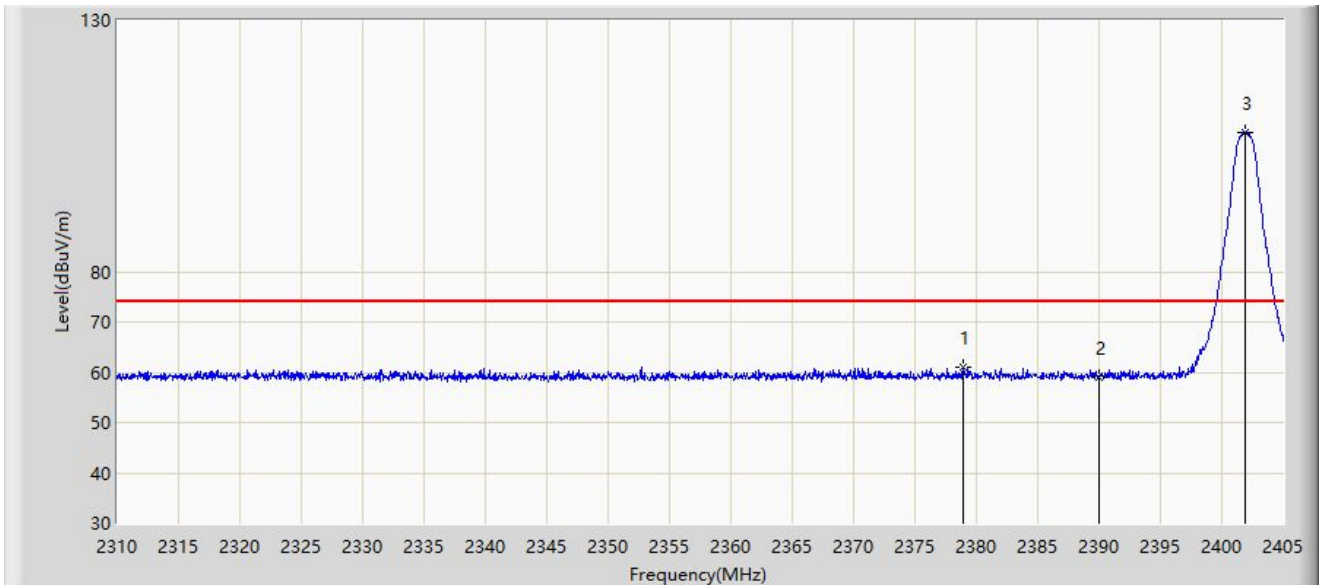
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2386.048	45.371	12.966	-8.629	54.000	32.405	AV
2		2390.000	45.180	12.797	-8.820	54.000	32.382	AV
3		2401.865	81.552	49.204	N/A	N/A	32.347	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



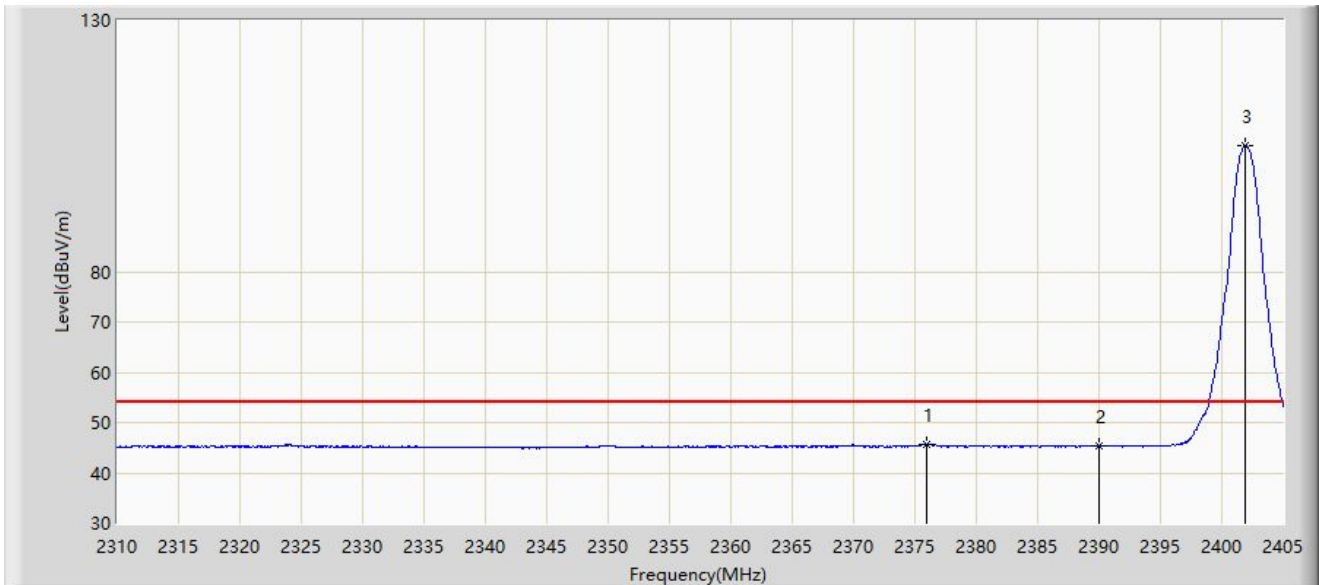
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2378.970	61.132	28.687	-12.868	74.000	32.444	PK
2		2390.000	58.902	26.519	-15.098	74.000	32.382	PK
3		2401.865	107.677	75.329	N/A	N/A	32.347	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



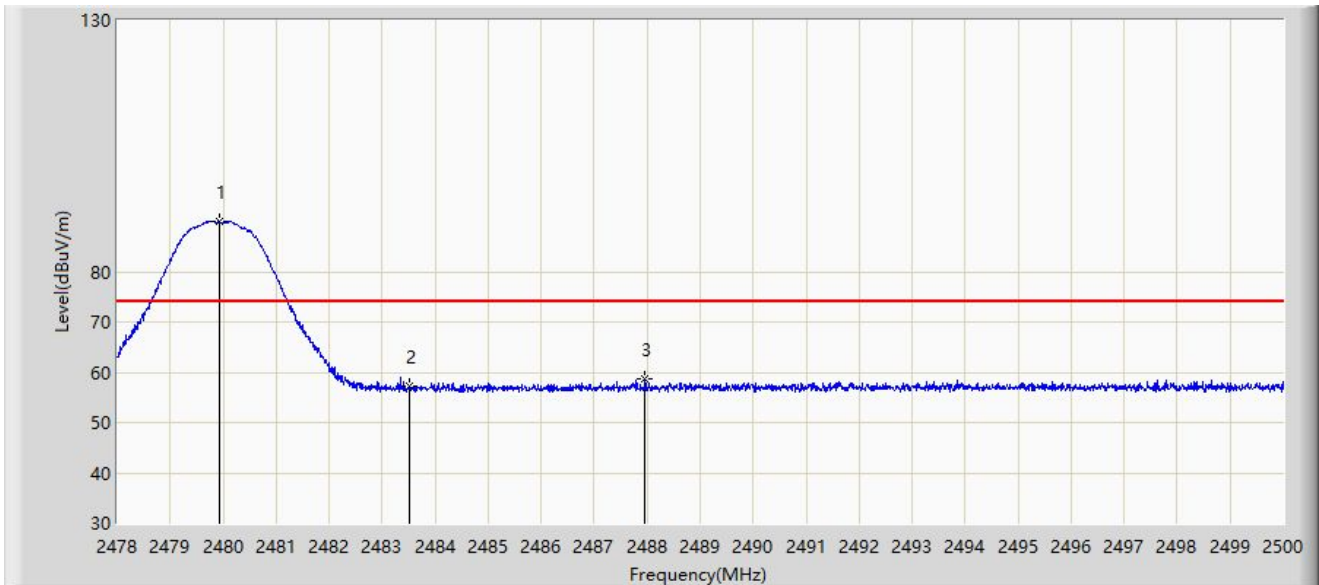
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2375.978	45.691	13.234	-8.309	54.000	32.457	AV
2		2390.000	45.338	12.955	-8.662	54.000	32.382	AV
3		2401.865	105.052	72.704	N/A	N/A	32.347	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



No	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		2479.936	89.857	57.646	N/A	N/A	32.211	PK
2		2483.500	57.173	24.950	-16.827	74.000	32.222	PK
3	*	2487.966	58.731	26.494	-15.269	74.000	32.237	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



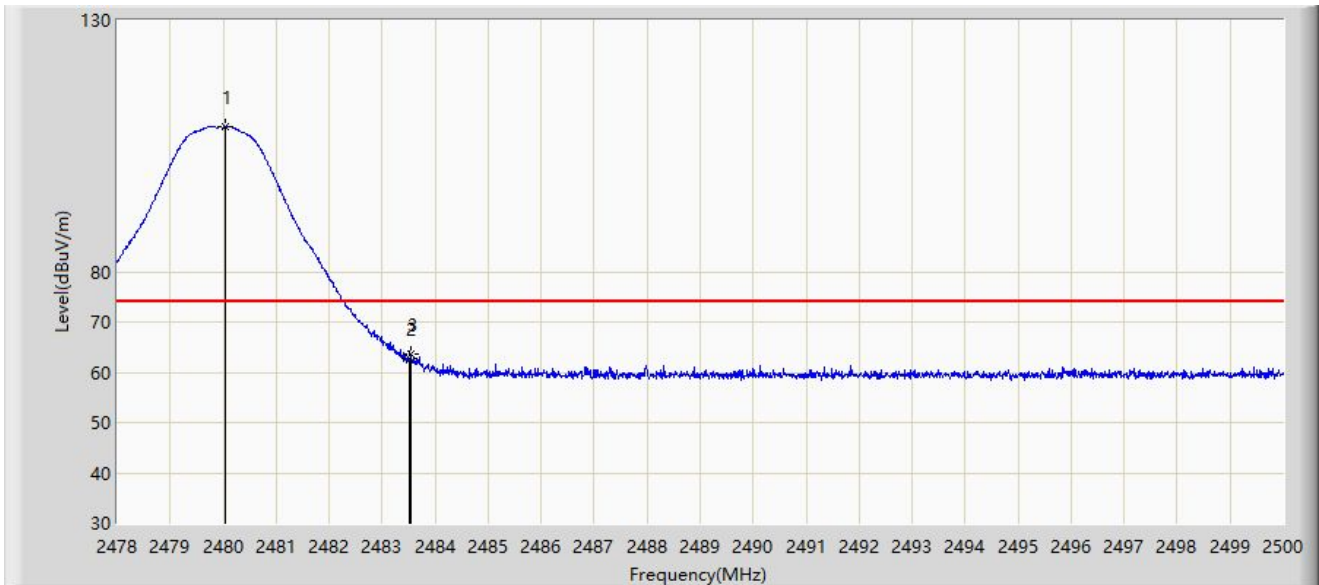
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		2479.936	87.026	54.815	N/A	N/A	32.211	AV
2	*	2483.500	45.625	13.402	-8.375	54.000	32.222	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



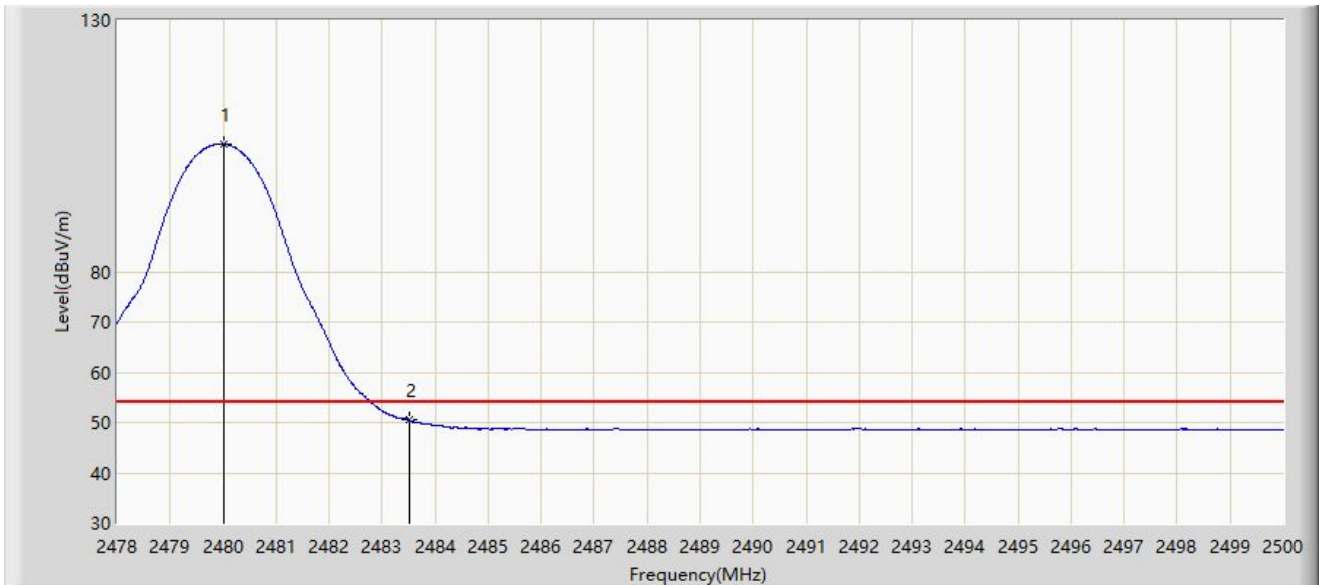
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		2480.046	108.811	76.600	N/A	N/A	32.212	PK
2		2483.500	62.689	30.466	-11.311	74.000	32.222	PK
3	*	2483.555	63.710	31.487	-10.290	74.000	32.223	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



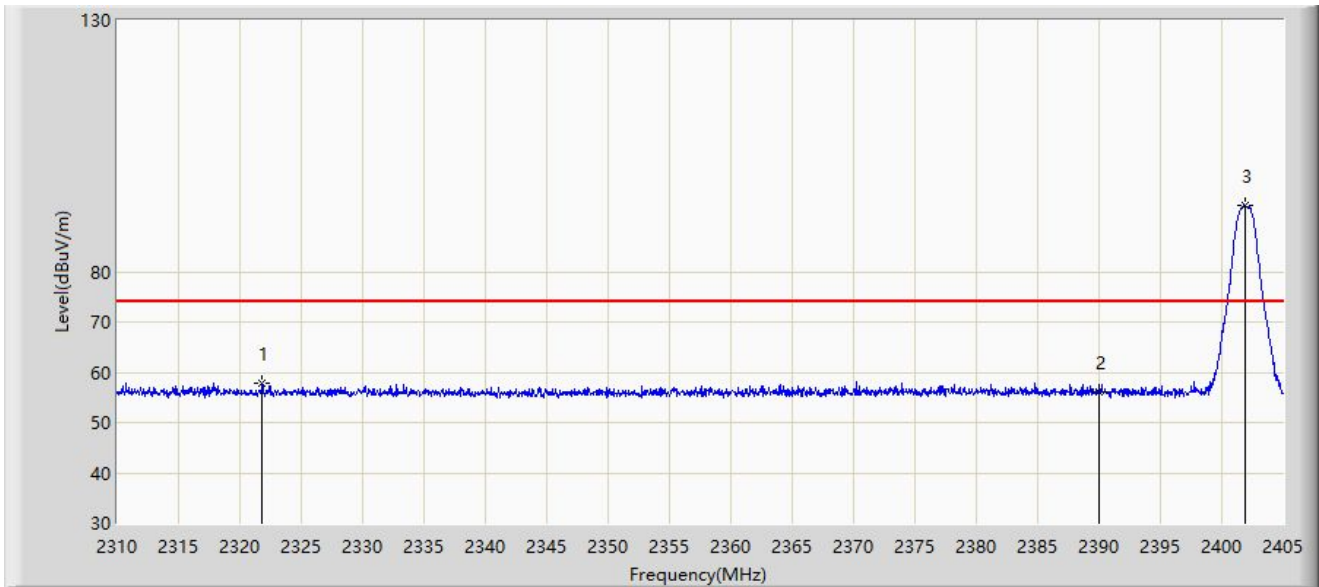
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		2480.002	105.358	73.147	N/A	N/A	32.212	AV
2	*	2483.500	50.474	18.251	-3.526	54.000	32.222	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



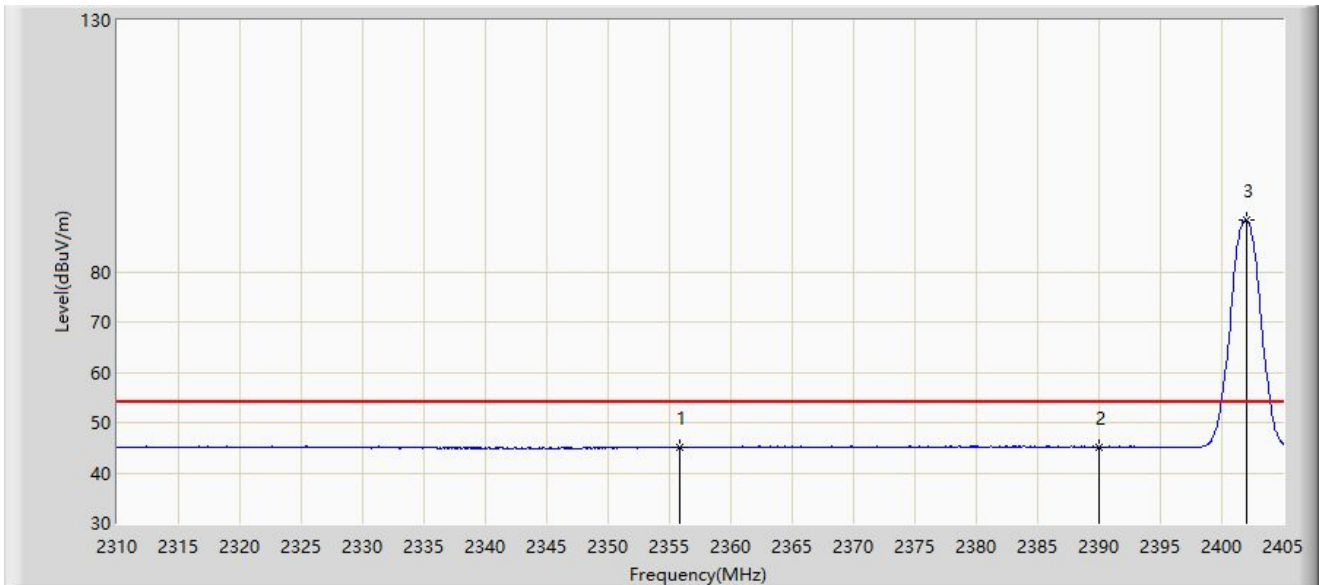
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2321.827	57.799	25.161	-16.201	74.000	32.638	PK
2		2390.000	56.026	23.643	-17.974	74.000	32.382	PK
3		2401.865	93.230	60.882	N/A	N/A	32.347	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



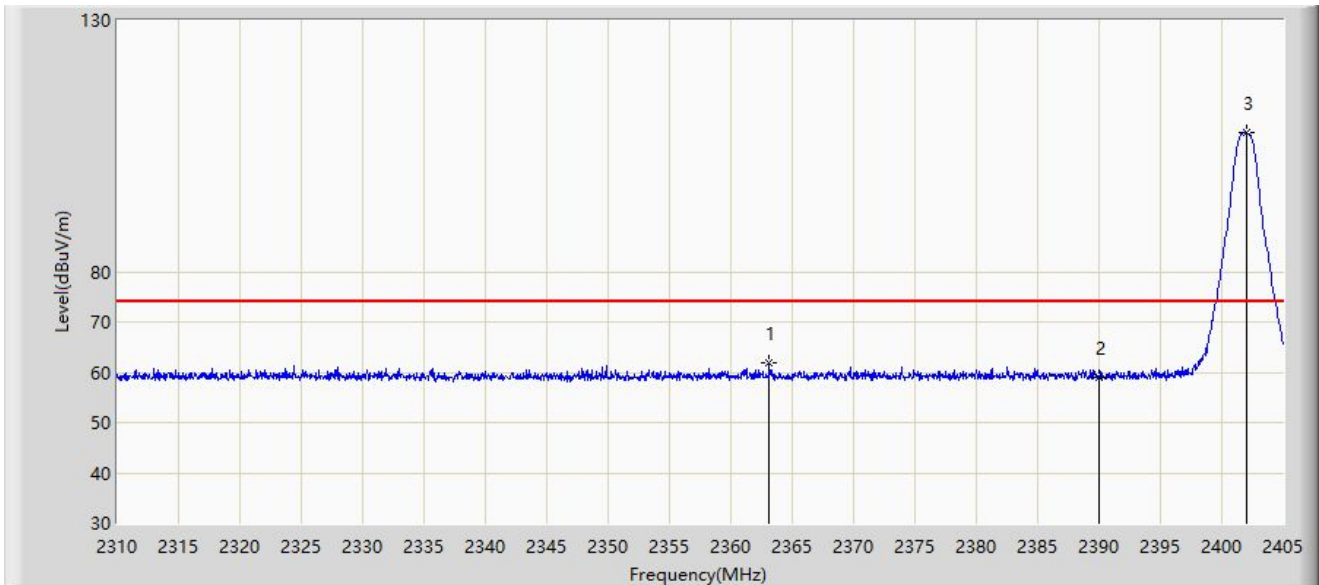
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2355.790	45.108	12.673	-8.892	54.000	32.435	AV
2		2390.000	45.098	12.715	-8.902	54.000	32.382	AV
3		2402.008	90.245	57.898	N/A	N/A	32.347	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



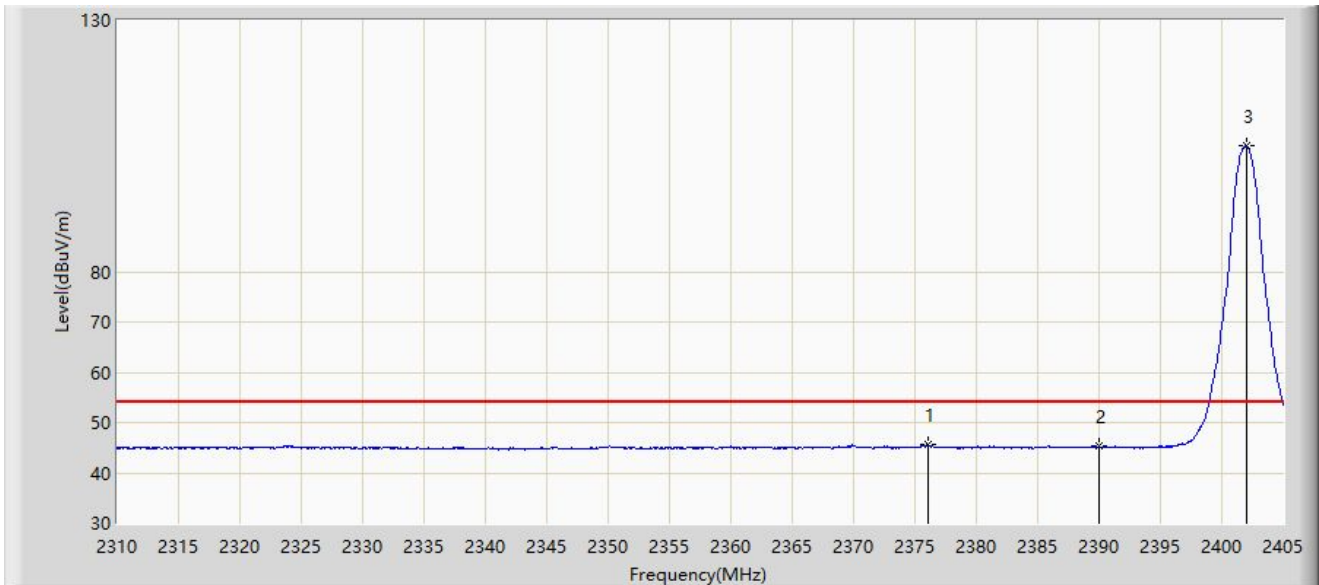
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2363.105	61.914	29.446	-12.086	74.000	32.469	PK
2		2390.000	58.937	26.554	-15.063	74.000	32.382	PK
3		2402.008	107.561	75.214	N/A	N/A	32.347	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



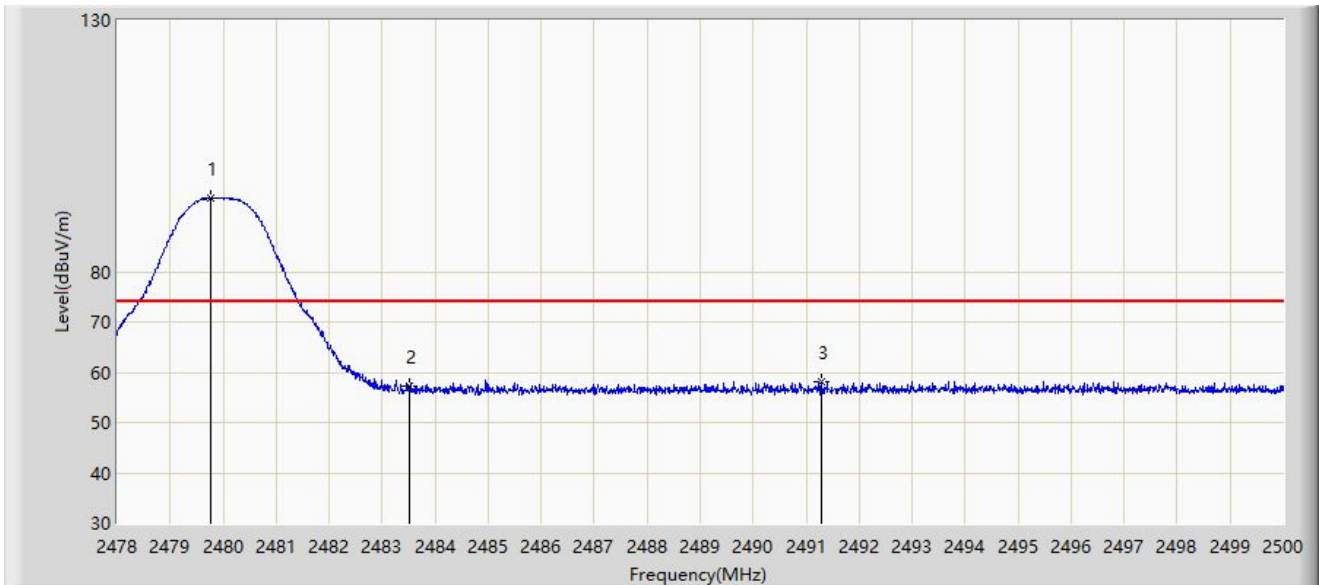
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1	*	2376.120	45.513	13.056	-8.487	54.000	32.457	AV
2		2390.000	45.298	12.915	-8.702	54.000	32.382	AV
3		2402.008	104.938	72.591	N/A	N/A	32.347	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



No	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		2479.771	94.751	62.541	N/A	N/A	32.211	PK
2		2483.500	57.253	25.030	-16.747	74.000	32.222	PK
3	*	2491.277	58.128	25.880	-15.872	74.000	32.248	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



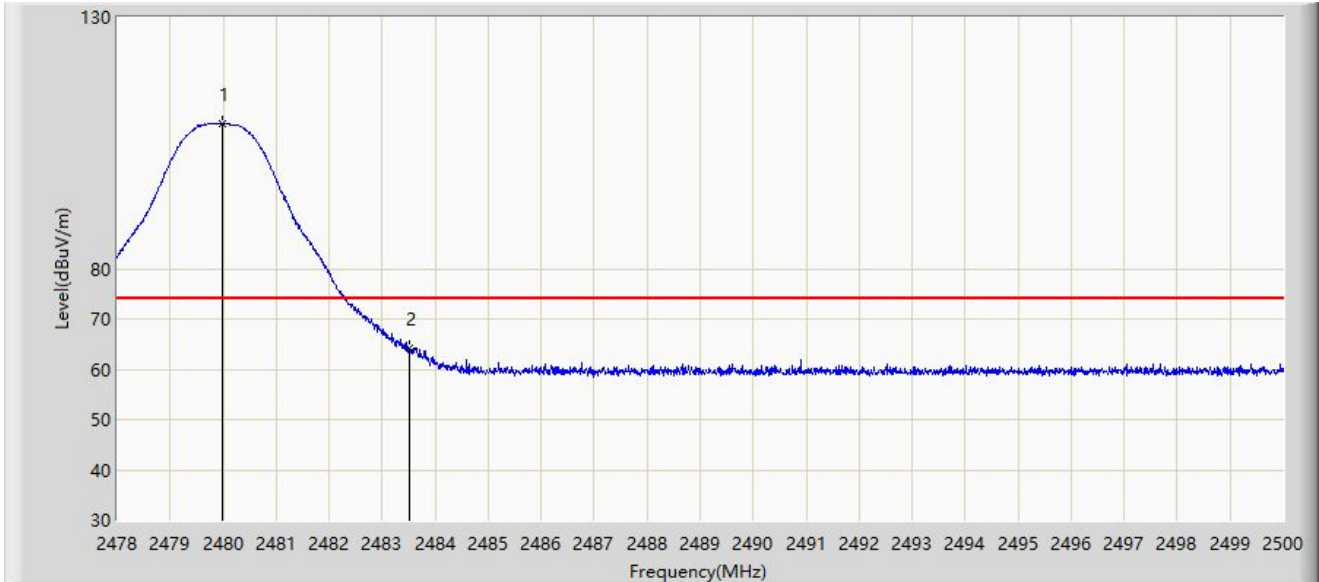
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		2479.936	92.073	59.862	N/A	N/A	32.211	AV
2	*	2483.500	45.794	13.571	-8.206	54.000	32.222	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



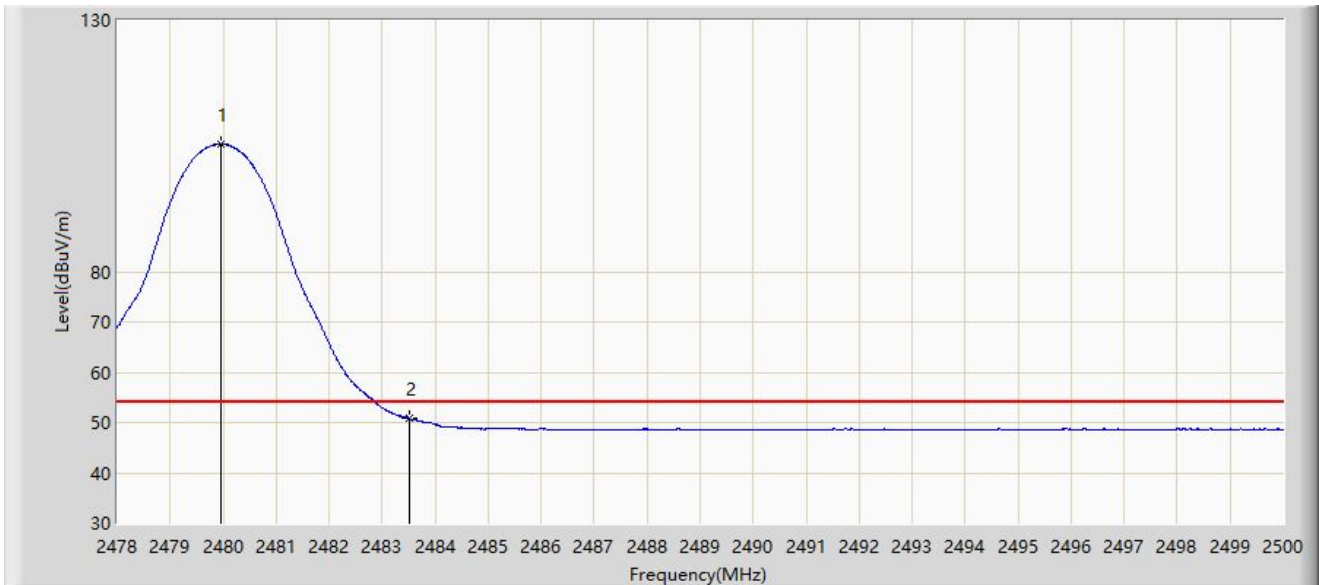
No	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB/m)	Type
1		2479.980	108.738	76.527	N/A	N/A	32.212	PK
2	*	2483.500	64.244	32.021	-9.756	74.000	32.222	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-05-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



No	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		2479.947	105.313	73.102	N/A	N/A	32.211	AV
2	*	2483.500	50.820	18.597	-3.180	54.000	32.222	AV

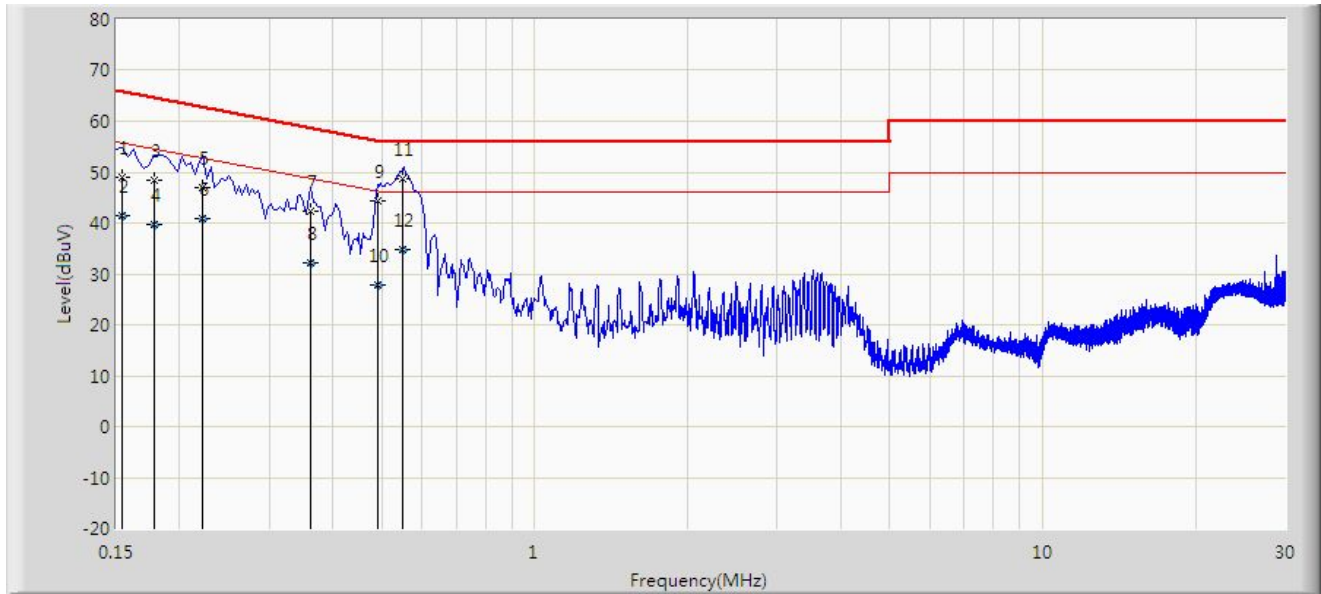
Note 1: " * ", means this data is the worst emission level.

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

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

A.11 AC Conducted Emissions Test Result

Site: SIP-SR2	Test Date: 2023-05-09
Limit: FCC_Part15.207_CE_AC Power	Engineer: Violet Tao
Probe: SIP-SR2-ENV216_101684_Fitter off	Polarity: Line
EUT: STEREPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



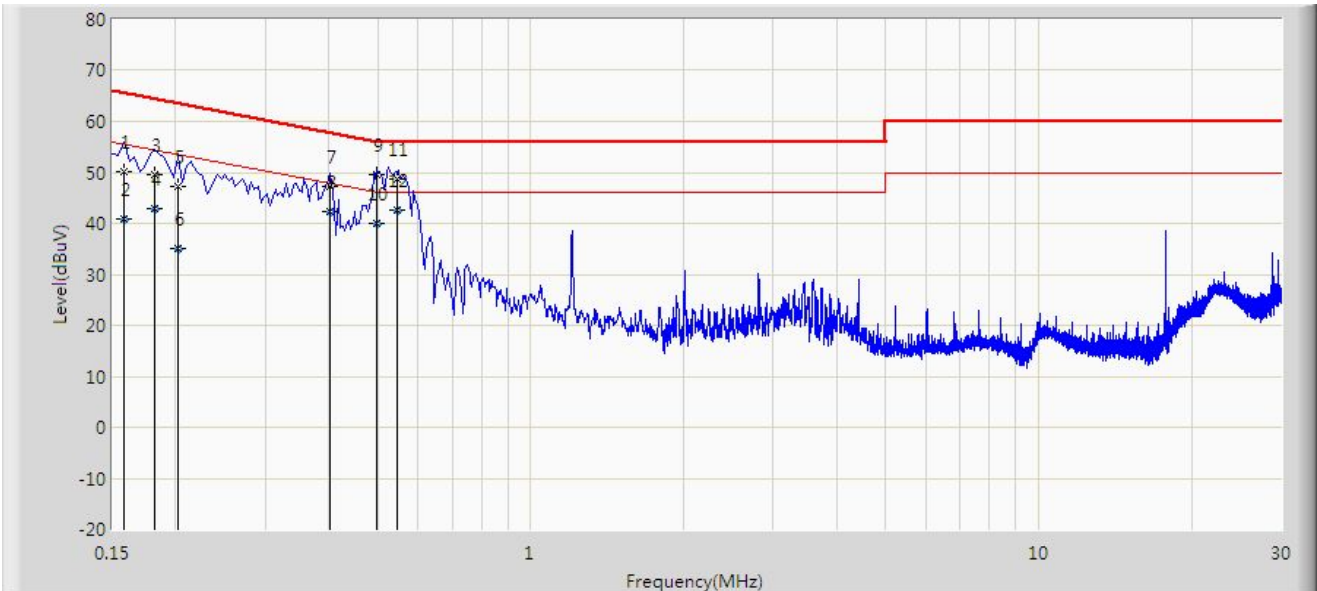
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.154	48.960	39.340	-16.821	65.781	9.621	QP
2		0.154	41.361	31.740	-14.420	55.781	9.621	AV
3		0.178	48.354	38.734	-16.225	64.578	9.620	QP
4		0.178	39.822	30.202	-14.756	54.578	9.620	AV
5		0.222	46.898	37.230	-15.845	62.744	9.668	QP
6		0.222	40.962	31.294	-11.781	52.744	9.668	AV
7		0.362	42.359	32.667	-16.324	58.682	9.691	QP
8		0.362	32.072	22.381	-16.610	48.682	9.691	AV
9		0.490	44.241	34.541	-11.927	56.168	9.700	QP
10		0.490	27.947	18.247	-18.221	46.168	9.700	AV
11	*	0.549	48.800	39.100	-7.200	56.000	9.700	QP
12		0.549	34.900	25.200	-11.100	46.000	9.700	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: SIP-SR2	Test Date: 2023-05-09
Limit: FCC_Part15.207_CE_AC Power	Engineer: Violet Tao
Probe: SIP-SR2-ENV216_101684_Fitter off	Polarity: Neutral
EUT: STEREOPHONIC AMPLIFIER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.158	50.131	40.501	-15.437	65.568	9.630	QP
2		0.158	41.013	31.382	-14.556	55.568	9.630	AV
3		0.182	49.703	40.070	-14.691	64.394	9.633	QP
4		0.182	43.014	33.381	-11.380	54.394	9.633	AV
5		0.202	47.333	37.673	-16.195	63.528	9.660	QP
6		0.202	35.009	25.349	-18.519	53.528	9.660	AV
7		0.402	47.323	37.620	-10.489	57.812	9.703	QP
8		0.402	42.236	32.533	-5.576	47.812	9.703	AV
9		0.498	49.517	39.817	-6.516	56.033	9.700	QP
10		0.498	39.977	30.277	-6.056	46.033	9.700	AV
11		0.545	48.600	38.900	-7.400	56.000	9.700	QP
12	*	0.545	42.600	32.900	-3.400	46.000	9.700	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 "2302RSU056-UT" file.

Appendix C - EUT Photograph

Refer to "2302RSU056-UE" file.

_____ The End _____