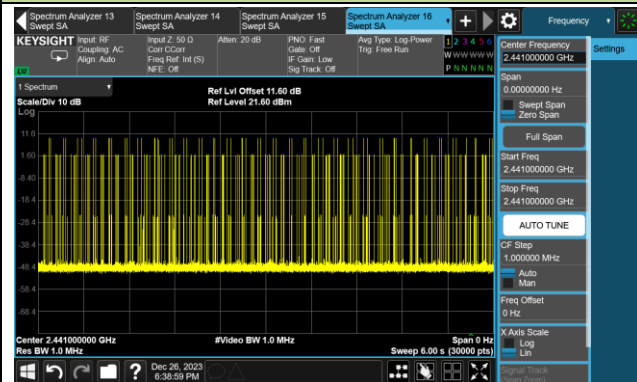
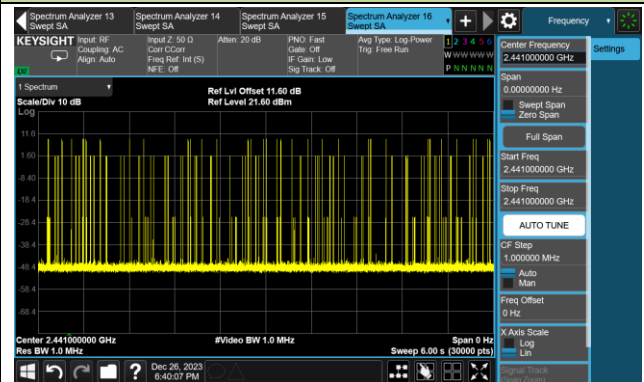


Number of Hops in Sweep Time

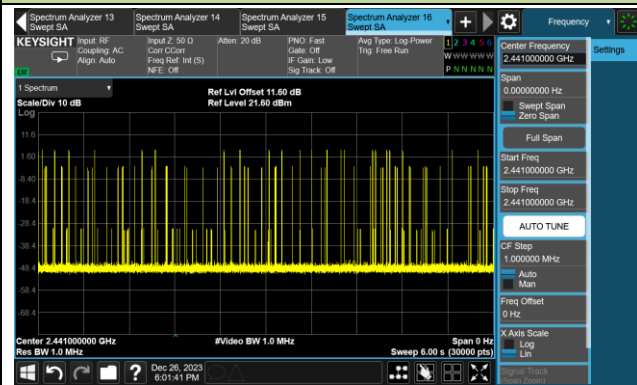
3DH1



3DH3



3DH5



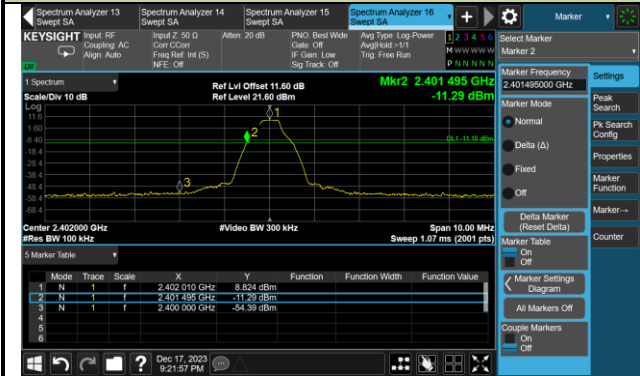
A.7 Band-edge Compliance Test Result

Test Site	WZ-SR4	Test Engineer	Jeff Yang
Test Date	2023-12-17		

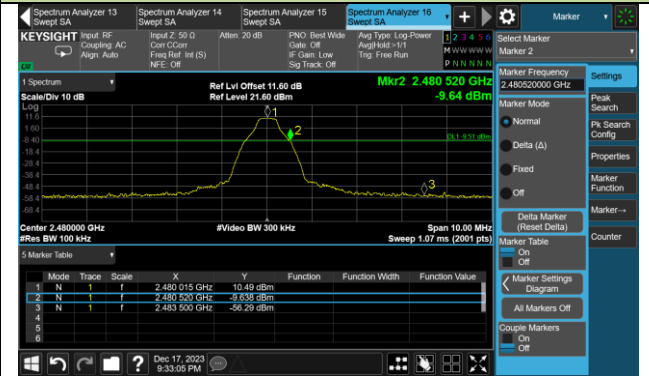
Test Mode	Channel No.	Frequency (MHz)	Limit (dBc)	Result
DH5	00	2402	20	Pass
DH5	78	2480	20	Pass
2DH5	00	2402	20	Pass
2DH5	78	2480	20	Pass
3DH5	00	2402	20	Pass
3DH5	78	2480	20	Pass

Band-edge Compliance

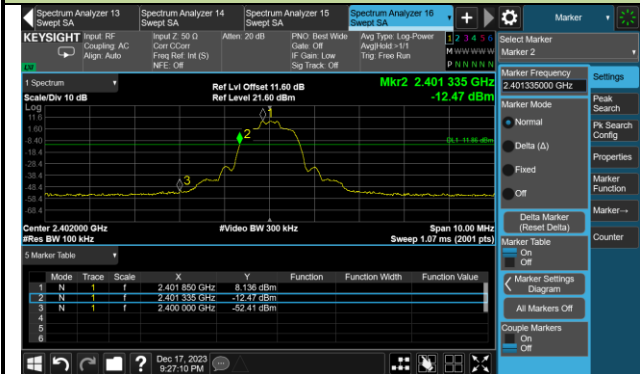
DH5 - Channel 00 (2402MHz)



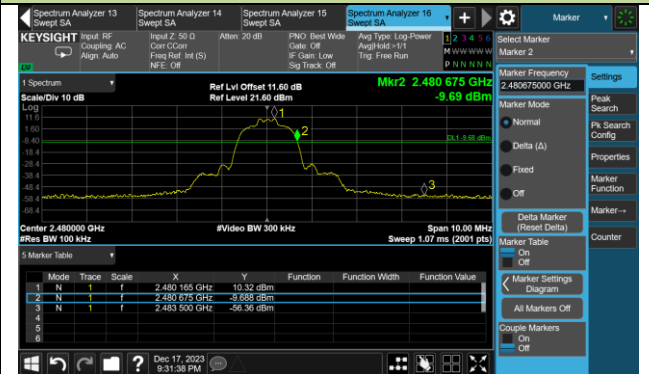
DH5 - Channel 78 (2480MHz)



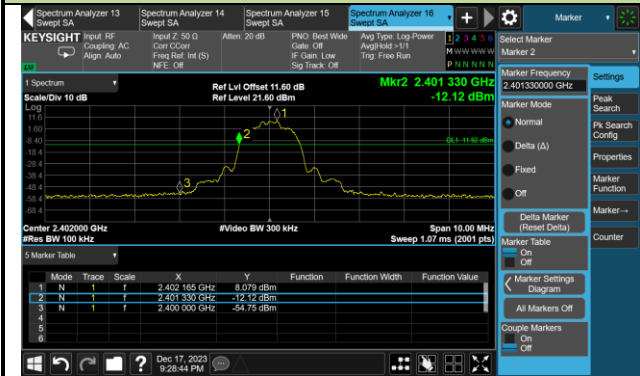
2DH5 - Channel 00 (2402MHz)



2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)

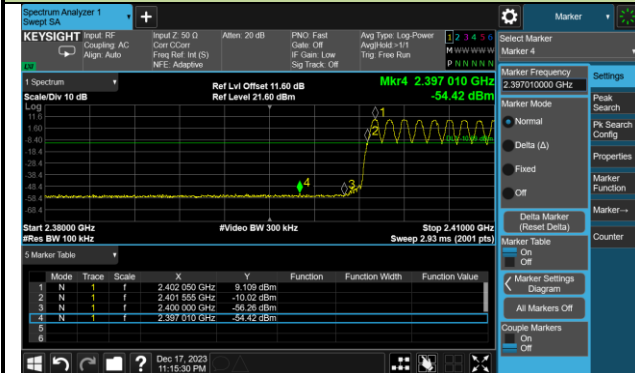


3DH5 - Channel 78 (2480MHz)

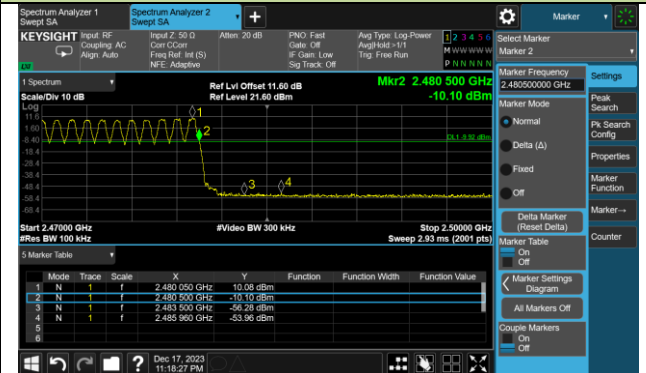


Operation Frequency Range of 20dB Bandwidth within Hopping Mode

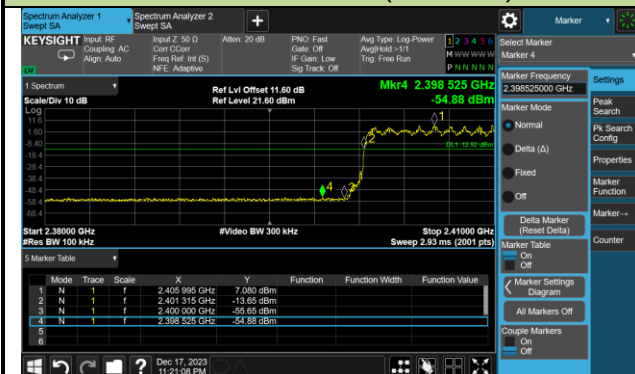
DH5 - Channel 00 (2402MHz)



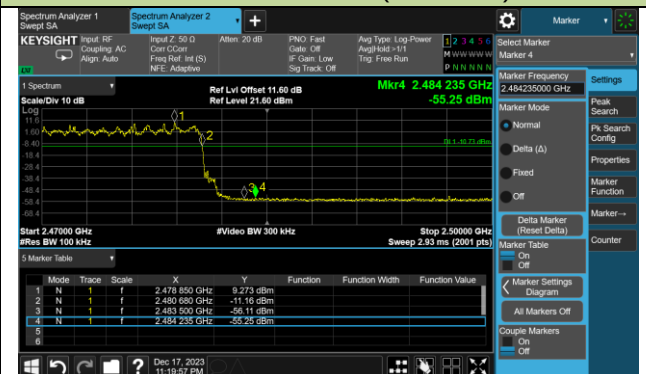
DH5 - Channel 78 (2480MHz)



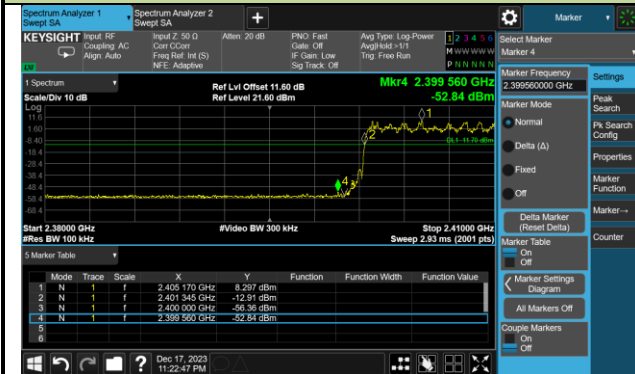
2DH5 - Channel 00 (2402MHz)



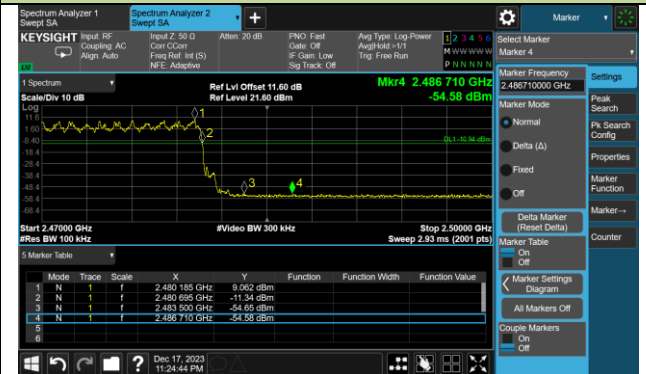
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)



3DH5 - Channel 78 (2480MHz)



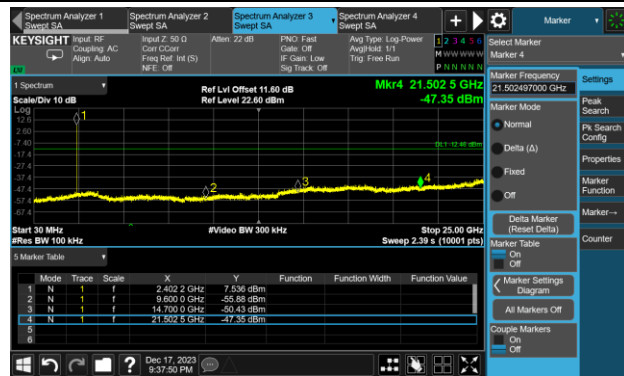
A.8 Conducted Spurious Emissions Test Result

Test Site	WZ-SR4	Test Engineer	Jeff Yang
Test Date	2023-12-17		

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

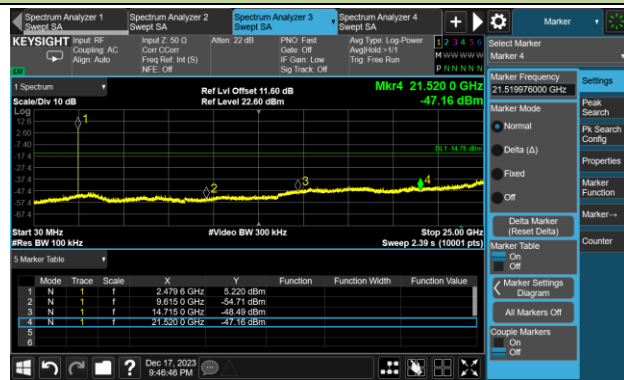
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



3DH5 Conducted Spurious Emissions

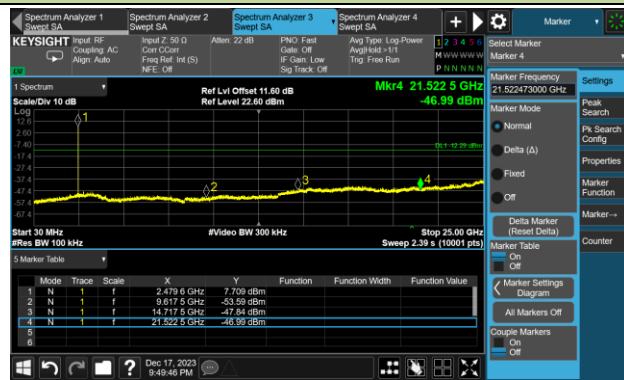
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



A.9 Radiated Spurious Emission Test Result

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-12	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	9338.5	35.8	12.2	48.0	74.0	-26.0	Peak	Horizontal
	11072.5	36.1	14.0	50.1	74.0	-23.9	Peak	Horizontal
	12237.0	37.0	12.4	49.4	74.0	-24.6	Peak	Horizontal
	8420.5	37.1	9.0	46.1	74.0	-27.9	Peak	Vertical
	10877.0	36.0	13.9	49.9	74.0	-24.1	Peak	Vertical
	12211.5	36.5	12.5	49.0	74.0	-25.0	Peak	Vertical
39	8114.5	37.1	9.1	46.2	74.0	-27.8	Peak	Horizontal
	11098.0	35.7	13.9	49.6	74.0	-24.4	Peak	Horizontal
	12075.5	36.5	12.5	49.0	74.0	-25.0	Peak	Horizontal
	8097.5	36.0	9.4	45.4	74.0	-28.6	Peak	Vertical
	10953.5	35.5	14.1	49.6	74.0	-24.4	Peak	Vertical
	12313.5	36.2	12.3	48.5	74.0	-25.5	Peak	Vertical
78	8199.5	37.3	8.9	46.2	74.0	-27.8	Peak	Horizontal
	11021.5	35.8	14.1	49.9	74.0	-24.1	Peak	Horizontal
	12662.0	37.5	12.2	49.7	74.0	-24.3	Peak	Horizontal
	7715.0	38.3	8.3	46.6	74.0	-27.4	Peak	Vertical
	10902.5	36.2	14.0	50.2	74.0	-23.8	Peak	Vertical
	12415.5	36.4	12.0	48.4	74.0	-25.6	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	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-12	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	7349.5	37.1	8.4	45.5	74.0	-28.5	Peak	Horizontal
	11123.5	36.4	13.5	49.9	74.0	-24.1	Peak	Horizontal
	12254.0	36.6	12.4	49.0	74.0	-25.0	Peak	Horizontal
	8157.0	37.2	9.3	46.5	74.0	-27.5	Peak	Vertical
	11047.0	35.2	14.2	49.4	74.0	-24.6	Peak	Vertical
	12330.5	36.7	12.3	49.0	74.0	-25.0	Peak	Vertical
39	8131.5	37.4	9.1	46.5	74.0	-27.5	Peak	Horizontal
	10843.0	34.8	14.1	48.9	74.0	-25.1	Peak	Horizontal
	12160.5	36.2	12.5	48.7	74.0	-25.3	Peak	Horizontal
	7519.5	36.8	8.4	45.2	74.0	-28.8	Peak	Vertical
	10800.5	35.8	14.1	49.9	74.0	-24.1	Peak	Vertical
	12458.0	37.2	11.9	49.1	74.0	-24.9	Peak	Vertical
78	8174.0	36.8	9.0	45.8	74.0	-28.2	Peak	Horizontal
	10800.5	35.1	14.1	49.2	74.0	-24.8	Peak	Horizontal
	12313.5	36.8	12.3	49.1	74.0	-24.9	Peak	Horizontal
	8046.5	37.3	9.4	46.7	74.0	-27.3	Peak	Vertical
	11072.5	36.3	14.0	50.3	74.0	-23.7	Peak	Vertical
	12203.0	36.8	12.4	49.2	74.0	-24.8	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)

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-12	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.		

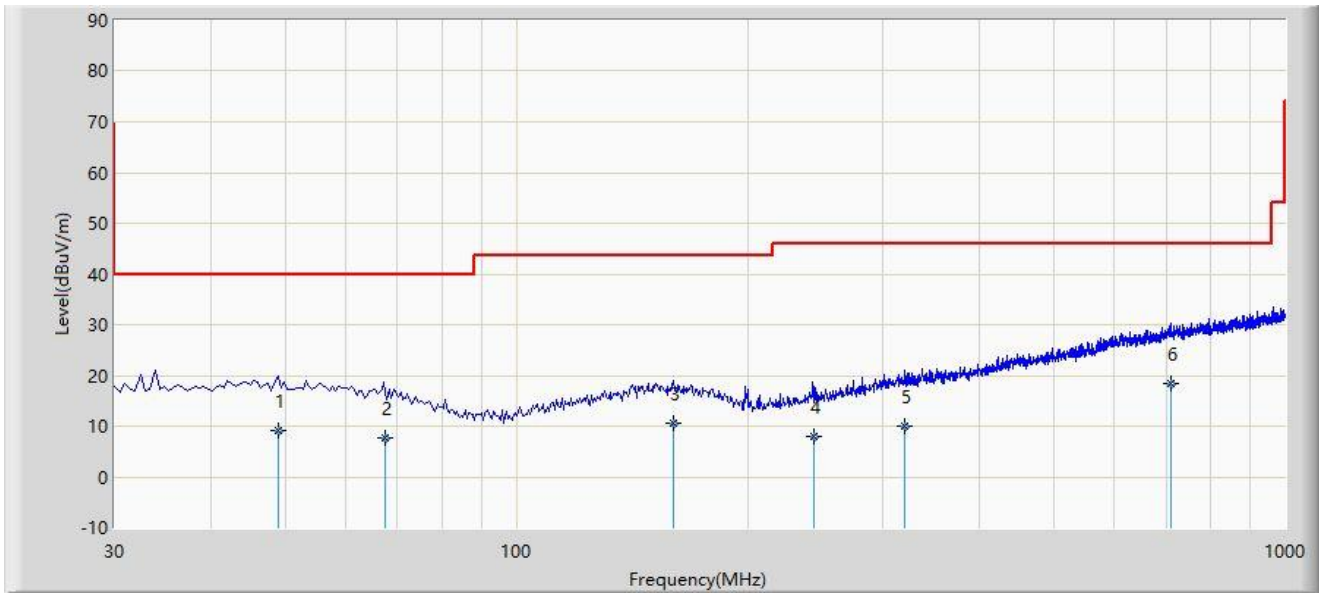
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	8429.0	37.3	8.9	46.2	74.0	-27.8	Peak	Horizontal
	11149.0	35.3	13.8	49.1	74.0	-24.9	Peak	Horizontal
	11956.5	36.8	12.3	49.1	74.0	-24.9	Peak	Horizontal
	7502.5	36.8	8.5	45.3	74.0	-28.7	Peak	Vertical
	10639.0	36.5	14.3	50.8	74.0	-23.2	Peak	Vertical
	12373.0	37.0	12.2	49.2	74.0	-24.8	Peak	Vertical
39	8148.5	36.2	9.3	45.5	74.0	-28.5	Peak	Horizontal
	11072.5	35.0	14.0	49.0	74.0	-25.0	Peak	Horizontal
	11514.5	35.1	13.6	48.7	74.0	-25.3	Peak	Horizontal
	8174.0	37.9	9.0	46.9	74.0	-27.1	Peak	Vertical
	11030.0	34.9	14.0	48.9	74.0	-25.1	Peak	Vertical
	11480.5	35.4	13.6	49.0	74.0	-25.0	Peak	Vertical
78	8165.5	37.1	9.2	46.3	74.0	-27.7	Peak	Horizontal
	11055.5	35.4	14.1	49.5	74.0	-24.5	Peak	Horizontal
	11429.5	35.3	13.6	48.9	74.0	-25.1	Peak	Horizontal
	8063.5	36.6	9.4	46.0	74.0	-28.0	Peak	Vertical
	10996.0	35.6	14.4	50.0	74.0	-24.0	Peak	Vertical
	11565.5	35.8	13.3	49.1	74.0	-24.9	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: WZ-AC1	Test Date: 2023-12-15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Carl Jiang
Probe: VULB 9168_25-2000MHz	Polarity: Horizontal
EUT: Titan Pad	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		48.910	9.252	-9.320	-30.748	40.000	18.572	QP
2		67.530	7.621	-9.200	-32.379	40.000	16.821	QP
3		159.980	10.531	-7.730	-32.969	43.500	18.261	QP
4		243.910	7.976	-8.600	-38.024	46.000	16.577	QP
5		320.600	10.091	-9.130	-35.909	46.000	19.220	QP
6	*	709.480	18.545	-8.460	-27.455	46.000	27.005	QP

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

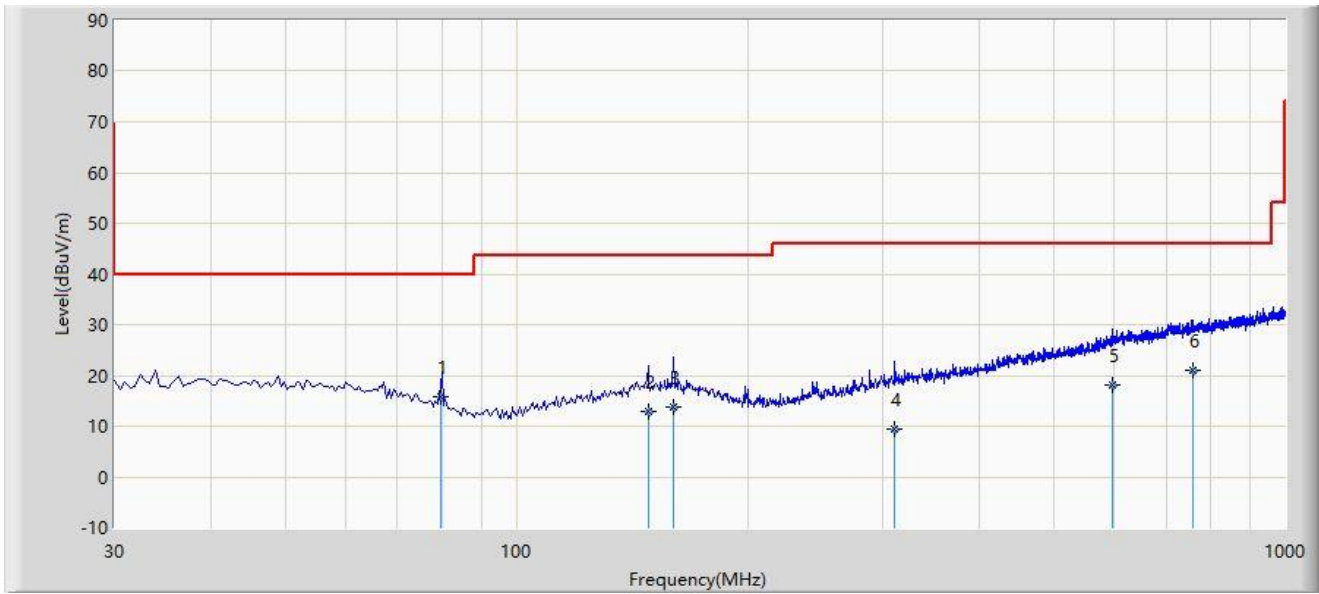
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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: WZ-AC1	Test Date: 2023-12-15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Carl Jiang
Probe: VULB 9168_25-2000MHz	Polarity: Vertical
EUT: Titan Pad	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	*	79.900	15.711	1.420	-24.289	40.000	14.290	QP
2		148.360	12.755	-5.300	-30.745	43.500	18.055	QP
3		160.000	13.660	-4.600	-29.840	43.500	18.260	QP
4		310.900	9.285	-9.600	-36.715	46.000	18.885	QP
5		597.300	18.163	-7.300	-27.837	46.000	25.463	QP
6		758.580	20.882	-7.160	-25.118	46.000	28.042	QP

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

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

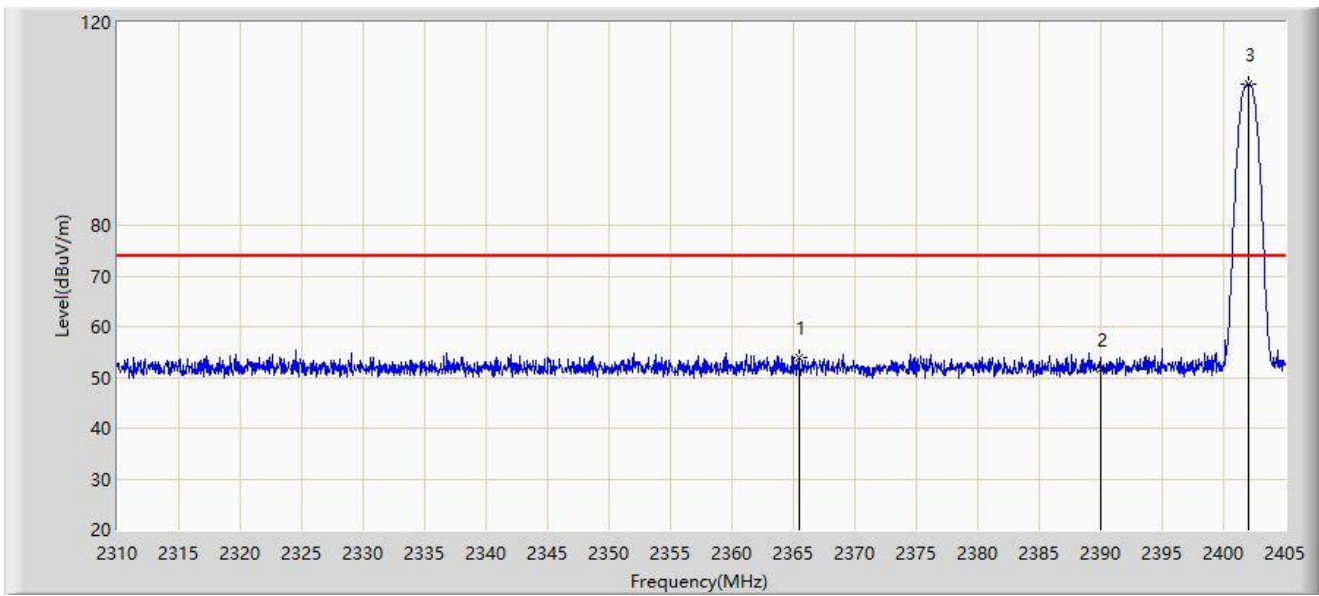
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



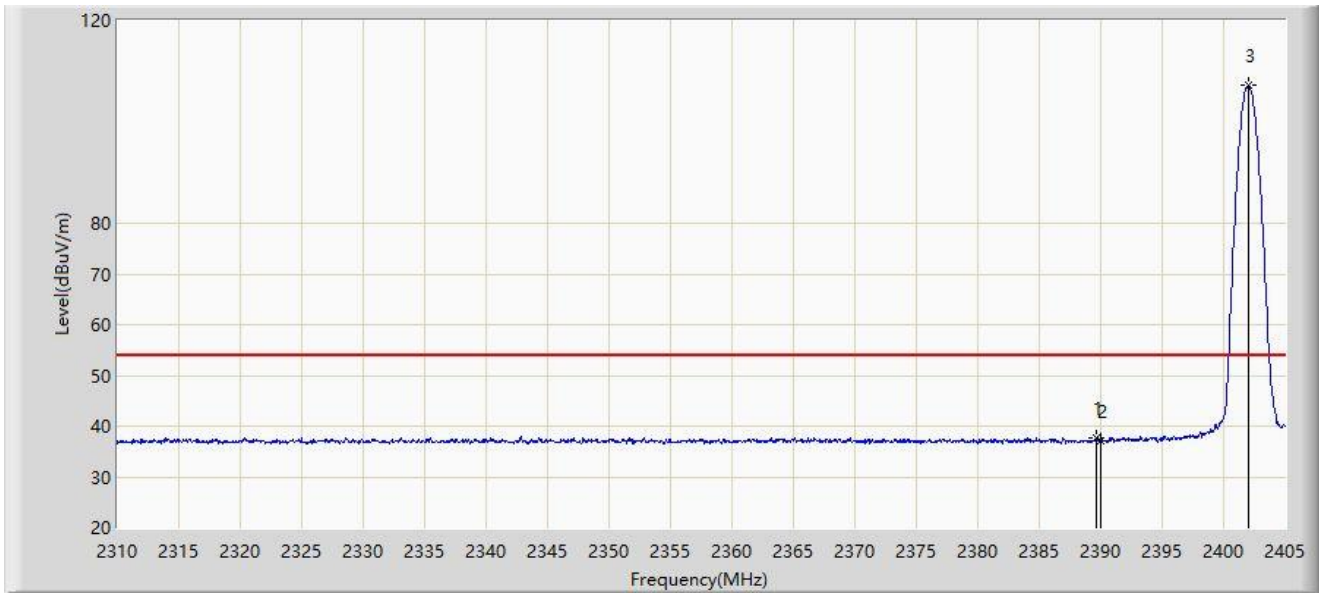
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2365.433	54.018	22.694	-19.982	74.000	31.324	PK
2		2390.000	51.524	20.270	-22.476	74.000	31.254	PK
3		2402.008	107.825	76.567	N/A	N/A	31.258	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



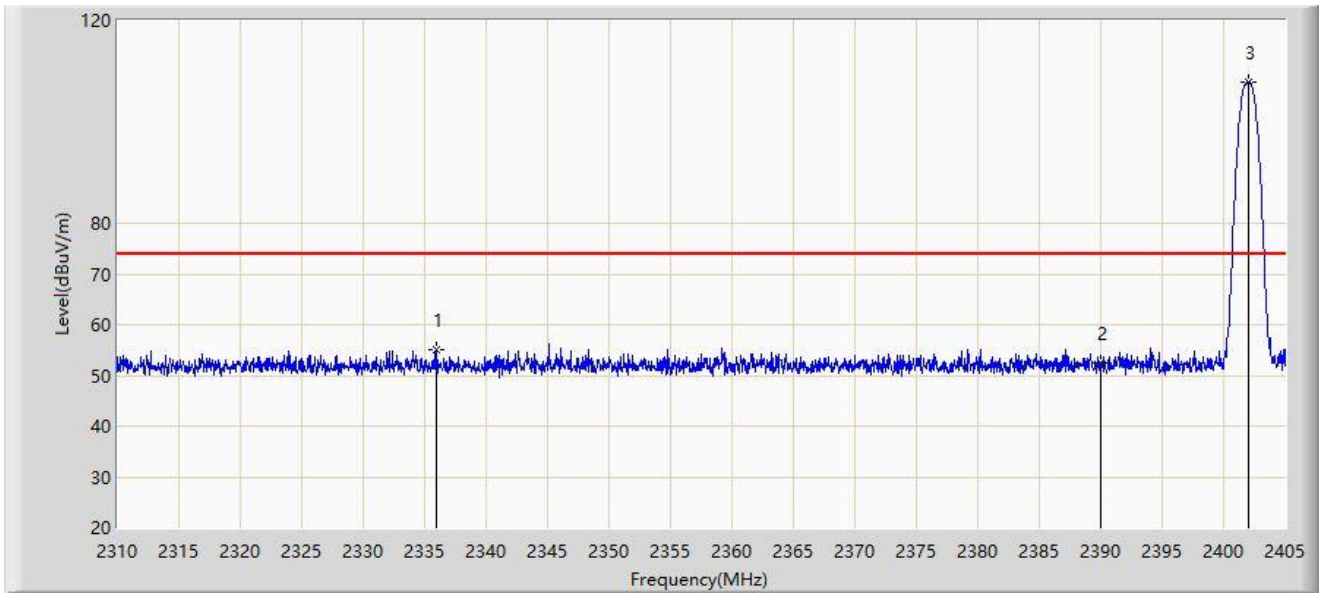
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2389.610	37.782	6.528	-16.218	54.000	31.254	AV
2		2390.000	37.123	5.869	-16.877	54.000	31.254	AV
3		2402.008	107.115	75.857	N/A	N/A	31.258	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



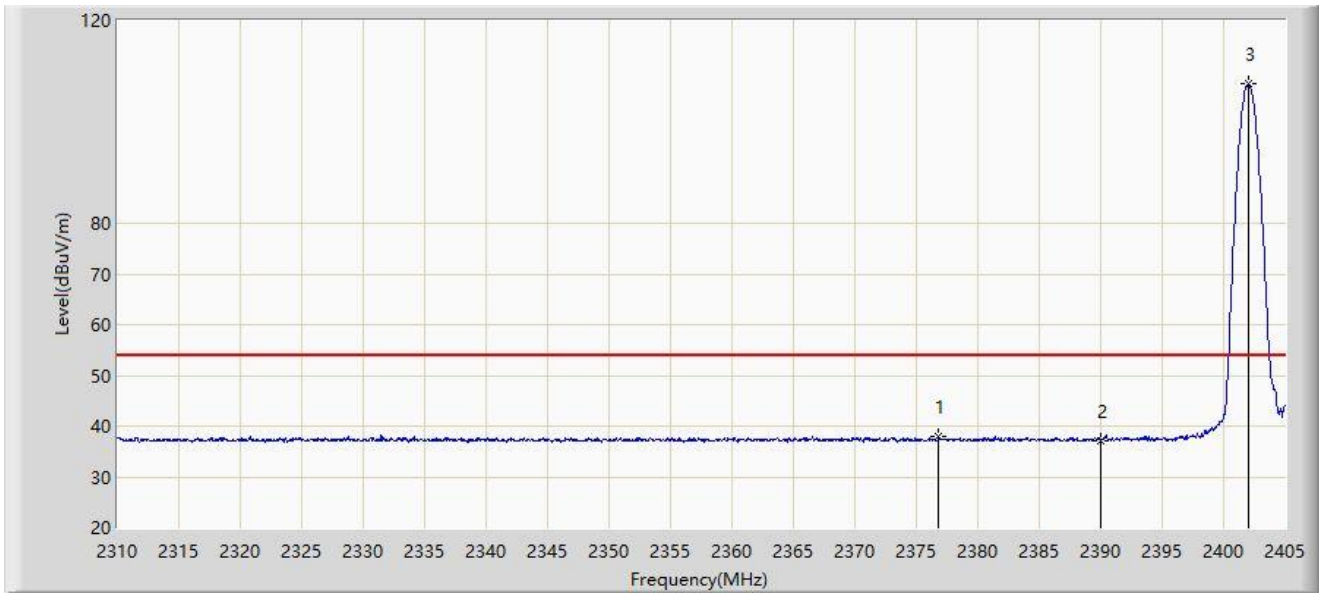
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2335.982	55.111	23.700	-18.889	74.000	31.411	PK
2		2390.000	52.423	21.169	-21.577	74.000	31.254	PK
3		2402.008	107.853	76.595	N/A	N/A	31.258	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2402MHz	



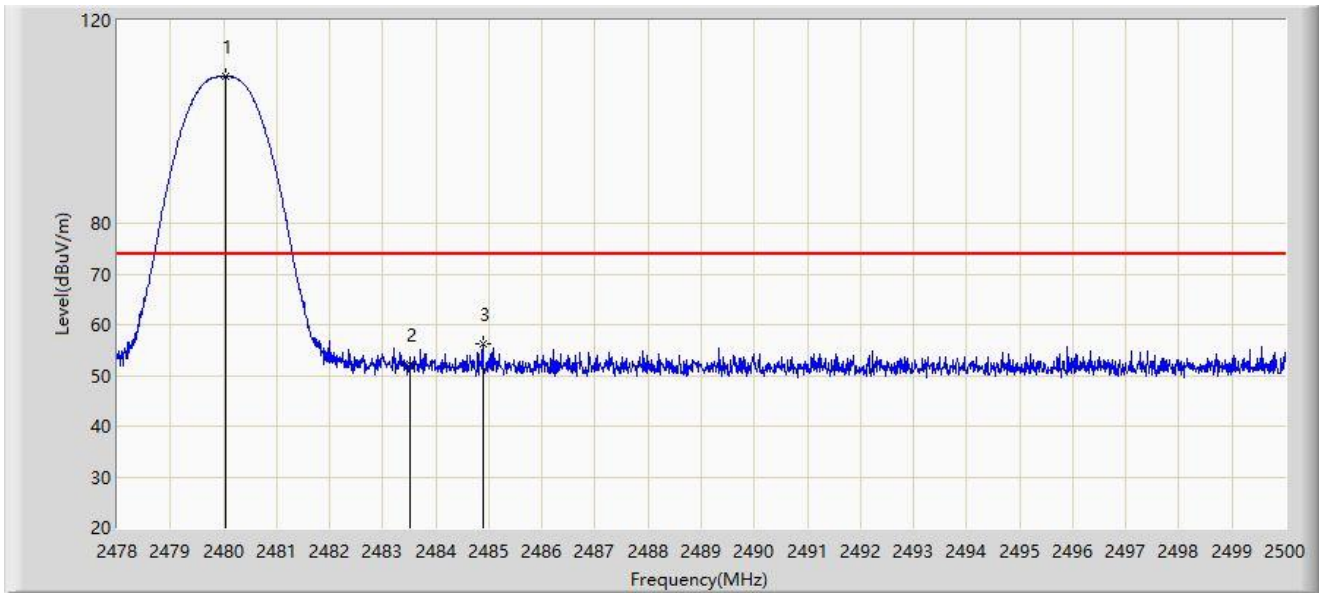
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2376.785	38.012	6.725	-15.988	54.000	31.288	AV
2		2390.000	37.198	5.944	-16.802	54.000	31.254	AV
3		2402.008	107.436	76.178	N/A	N/A	31.258	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



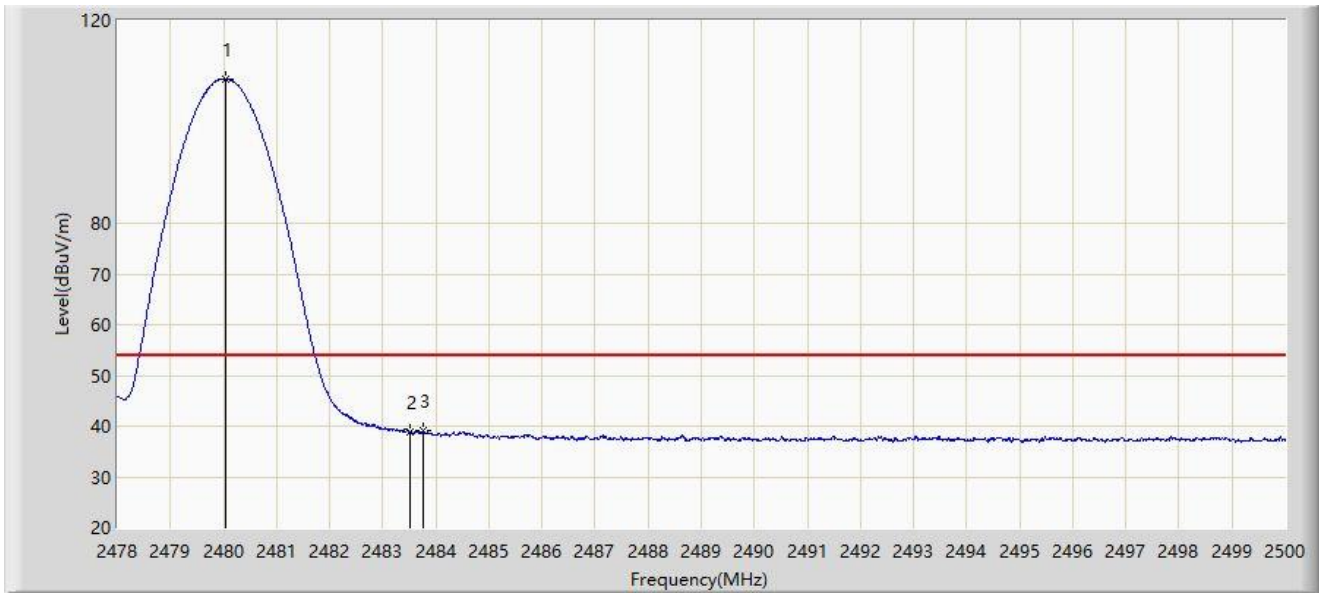
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.046	109.022	77.798	N/A	N/A	31.224	PK
2		2483.500	52.088	20.862	-21.912	74.000	31.226	PK
3	*	2484.886	56.266	25.039	-17.734	74.000	31.227	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



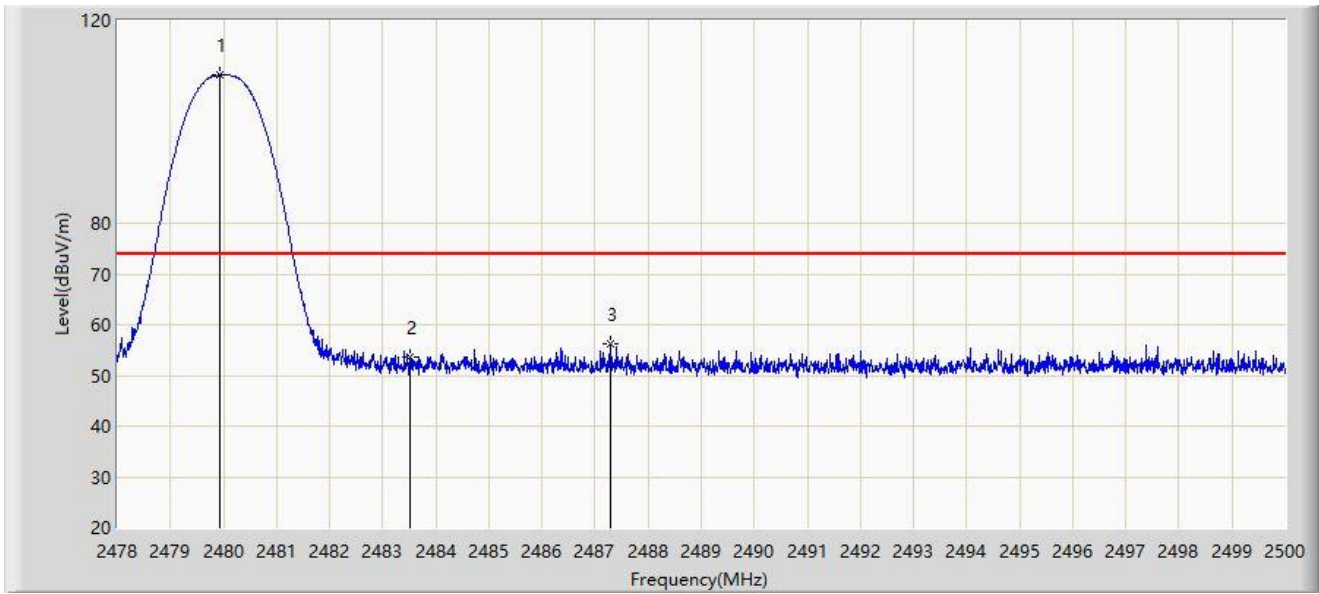
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.046	108.511	77.287	N/A	N/A	31.224	AV
2		2483.500	38.808	7.582	-15.192	54.000	31.226	AV
3	*	2483.764	39.167	7.941	-14.833	54.000	31.226	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



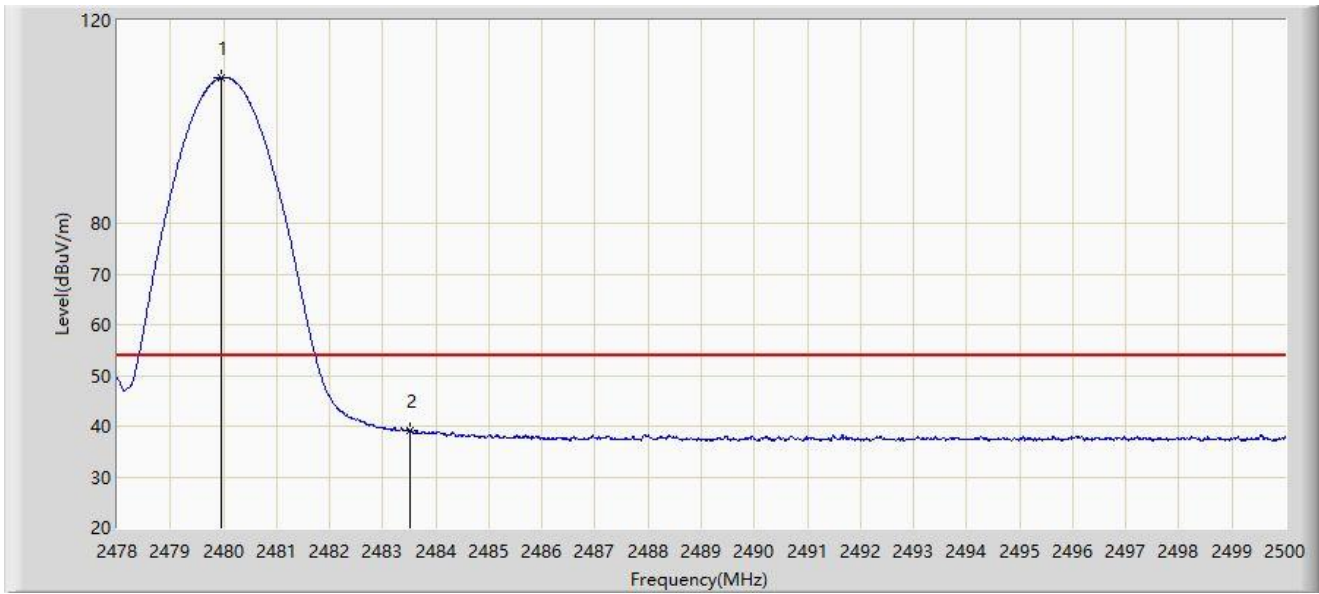
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.936	109.288	78.064	N/A	N/A	31.224	PK
2		2483.500	53.523	22.297	-20.477	74.000	31.226	PK
3	*	2487.295	56.204	24.975	-17.796	74.000	31.229	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



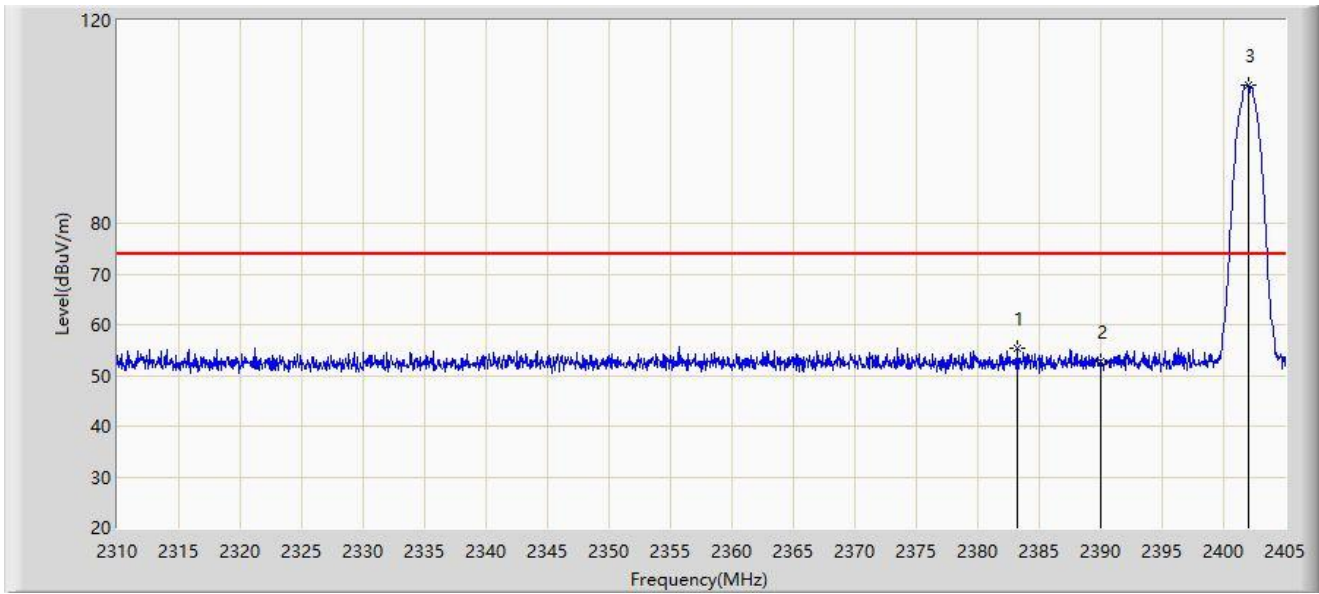
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.947	108.692	77.468	N/A	N/A	31.224	AV
2	*	2483.500	39.245	8.019	-14.755	54.000	31.226	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



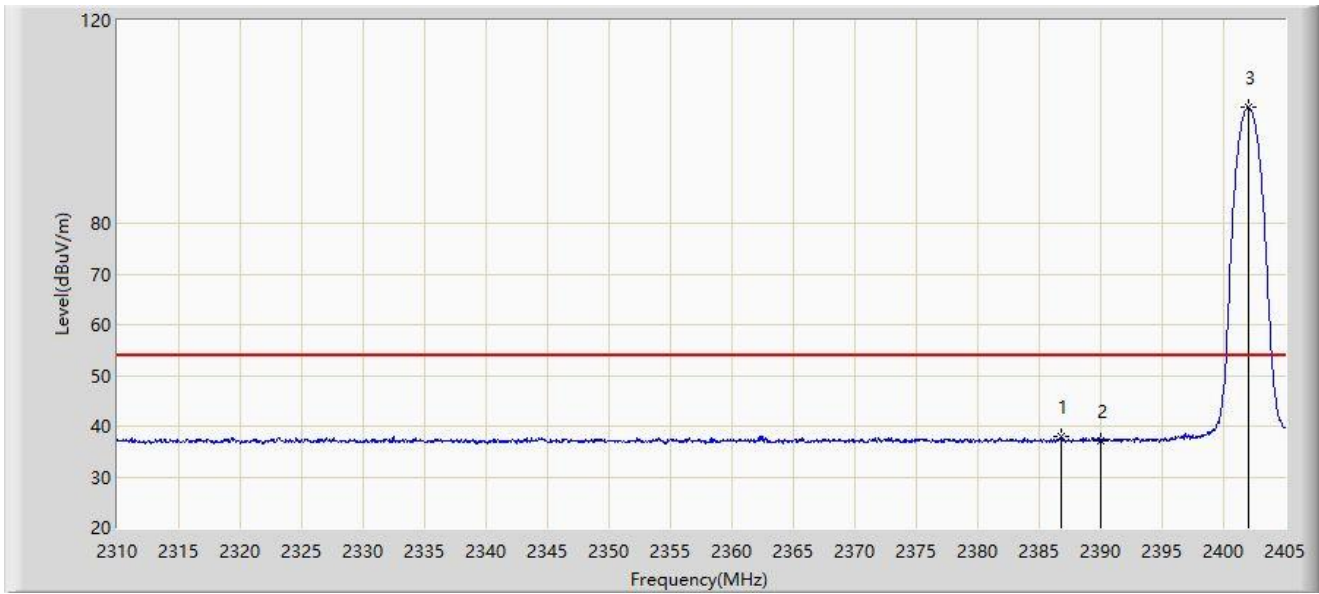
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2383.198	55.398	24.136	-18.602	74.000	31.262	PK
2		2390.000	52.737	21.483	-21.263	74.000	31.254	PK
3		2402.008	107.151	75.893	N/A	N/A	31.258	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



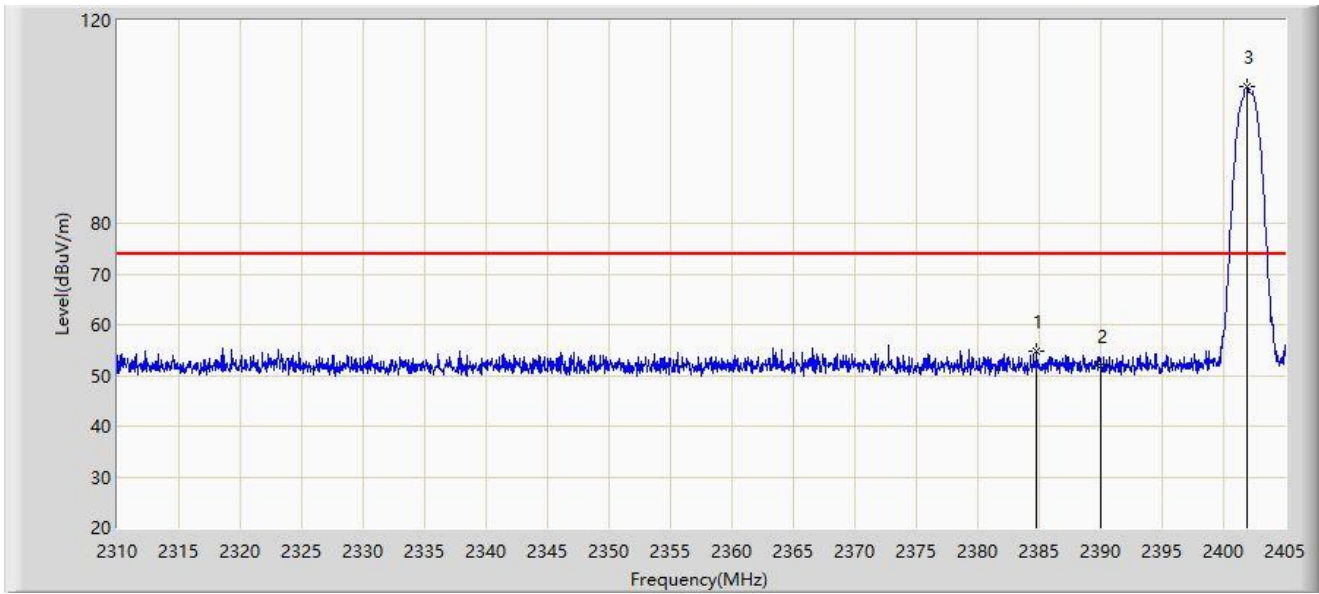
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2386.760	38.069	6.813	-15.931	54.000	31.256	AV
2		2390.000	37.112	5.858	-16.888	54.000	31.254	AV
3		2402.008	102.800	71.542	N/A	N/A	31.258	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



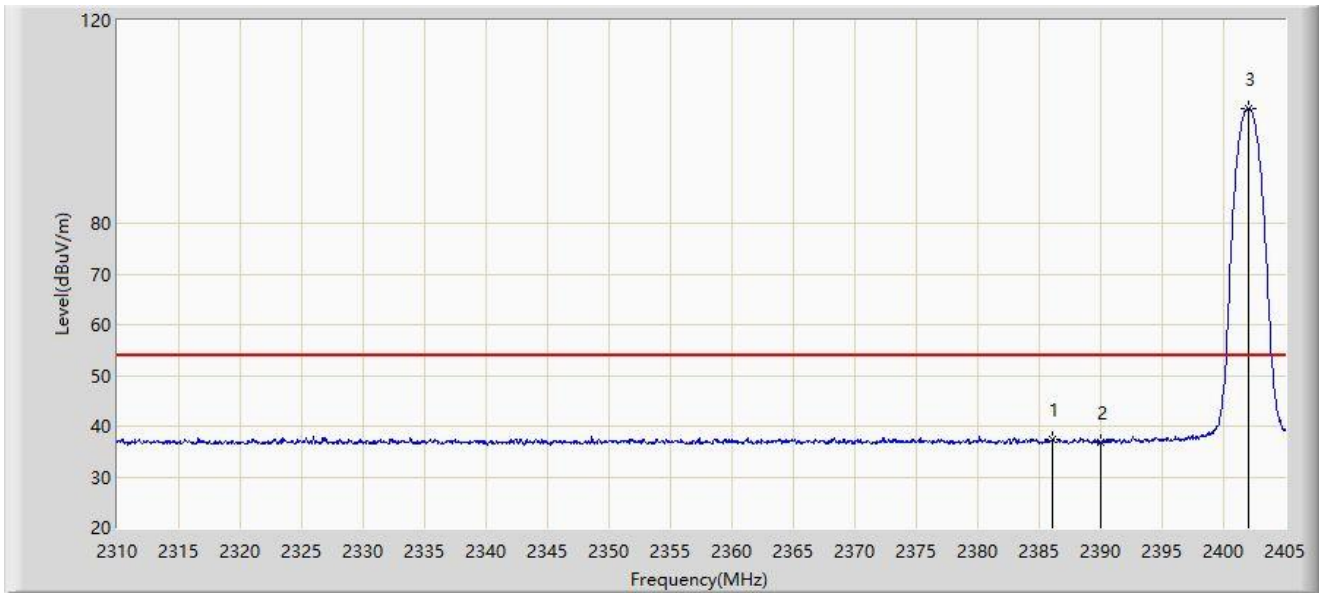
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2384.812	54.870	23.612	-19.130	74.000	31.258	PK
2		2390.000	52.012	20.758	-21.988	74.000	31.254	PK
3		2401.913	106.833	75.575	N/A	N/A	31.258	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2402MHz	



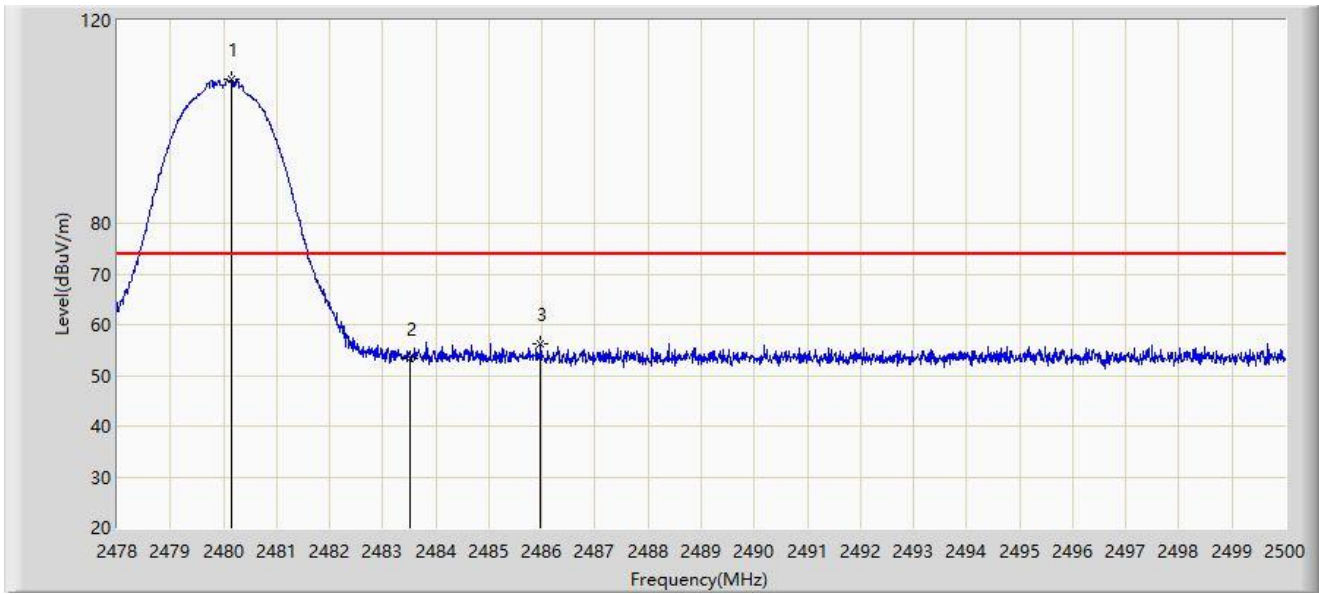
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2386.048	37.511	6.254	-16.489	54.000	31.257	AV
2		2390.000	36.692	5.438	-17.308	54.000	31.254	AV
3		2402.008	102.688	71.430	N/A	N/A	31.258	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



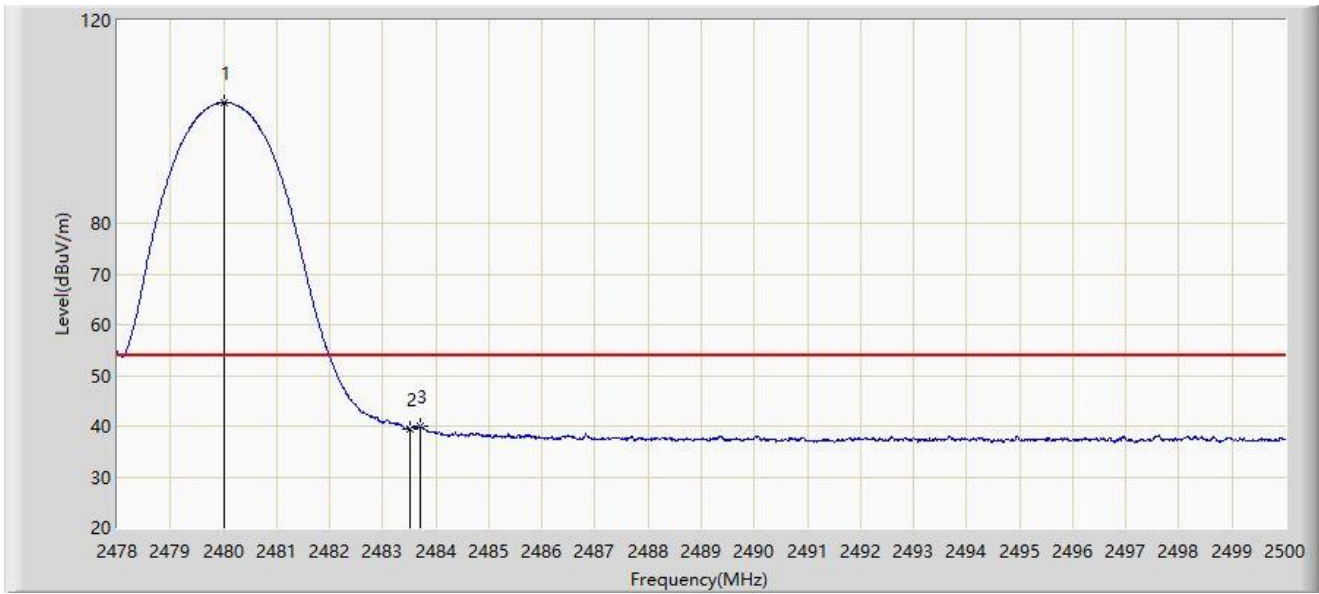
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.145	108.263	77.039	N/A	N/A	31.224	PK
2		2483.500	53.436	22.210	-20.564	74.000	31.226	PK
3	*	2485.975	56.132	24.904	-17.868	74.000	31.228	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



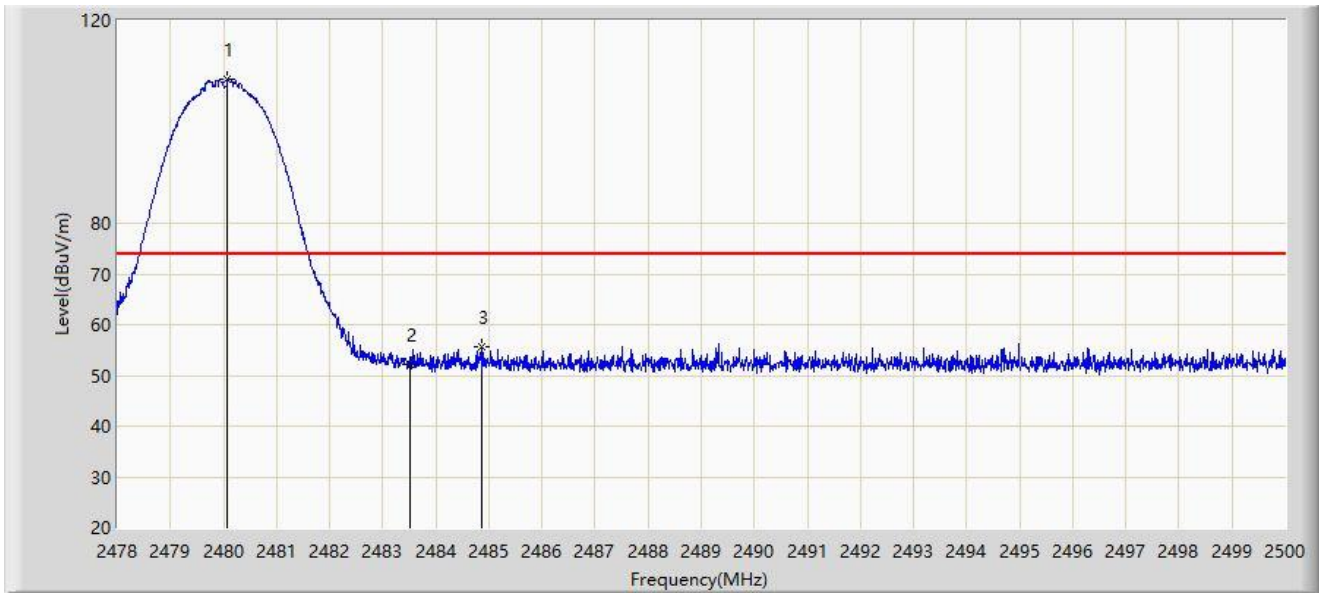
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.002	103.775	72.551	N/A	N/A	31.224	AV
2		2483.500	39.494	8.268	-14.506	54.000	31.226	AV
3	*	2483.709	39.958	8.732	-14.042	54.000	31.226	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



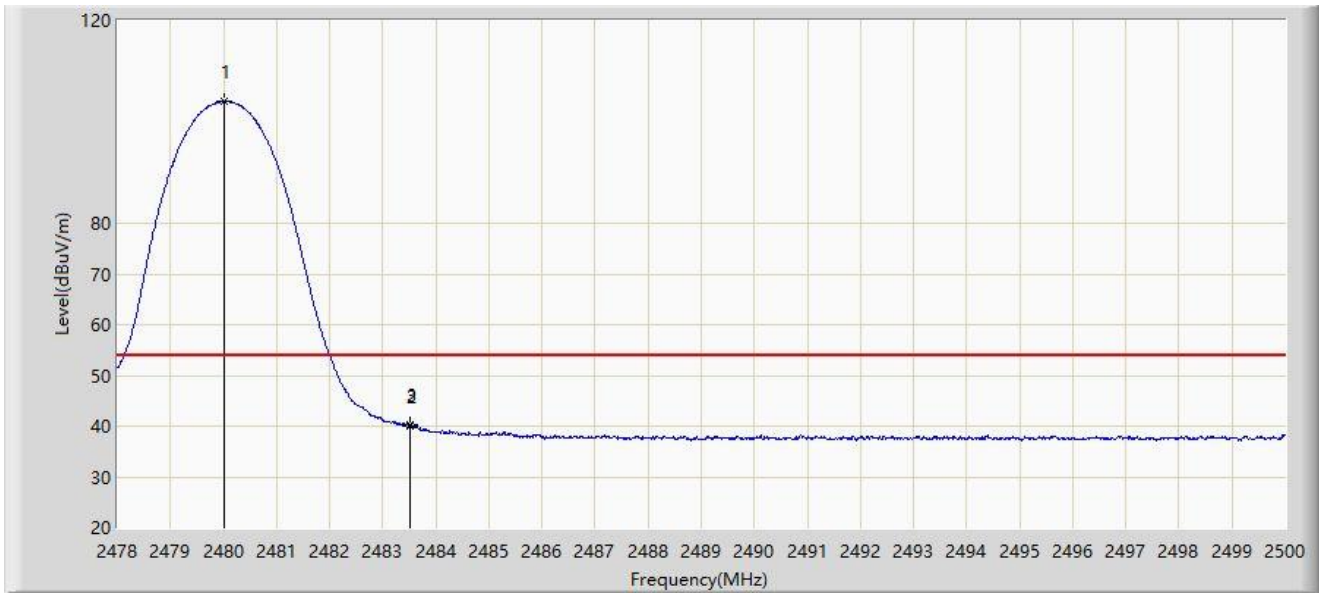
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.079	108.398	77.174	N/A	N/A	31.224	PK
2		2483.500	52.158	20.932	-21.842	74.000	31.226	PK
3	*	2484.853	55.734	24.507	-18.266	74.000	31.227	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at 2480MHz	



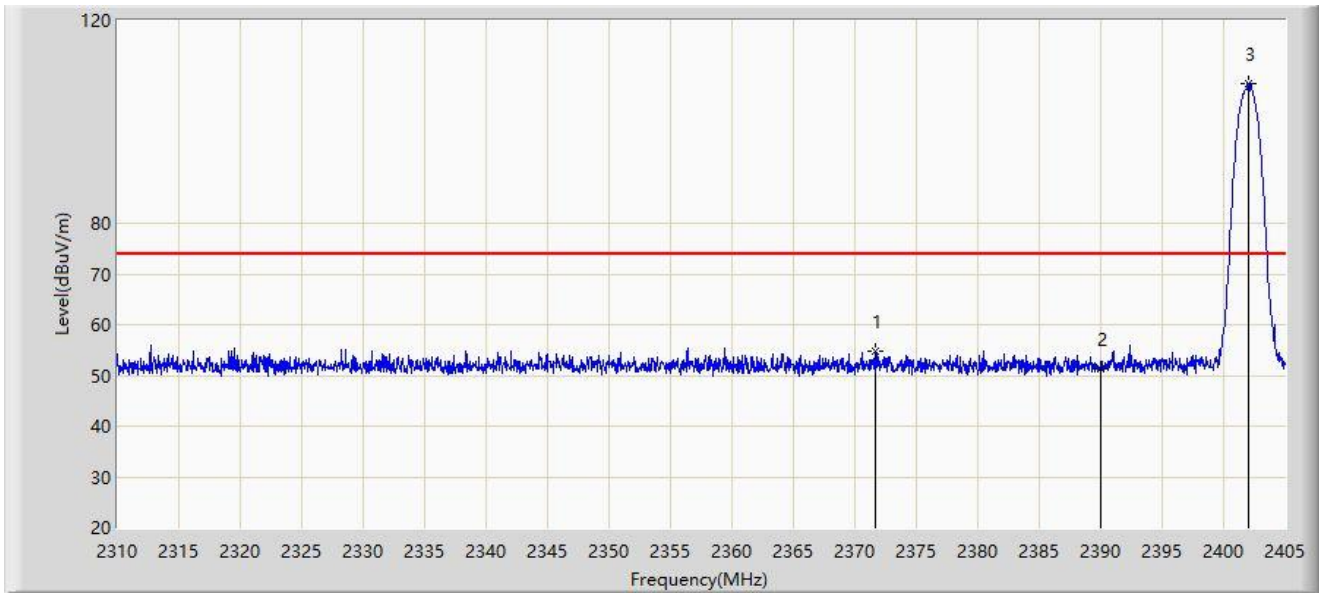
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.024	104.008	72.784	N/A	N/A	31.224	AV
2		2483.500	40.114	8.888	-13.886	54.000	31.226	AV
3	*	2483.511	40.160	8.934	-13.840	54.000	31.226	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



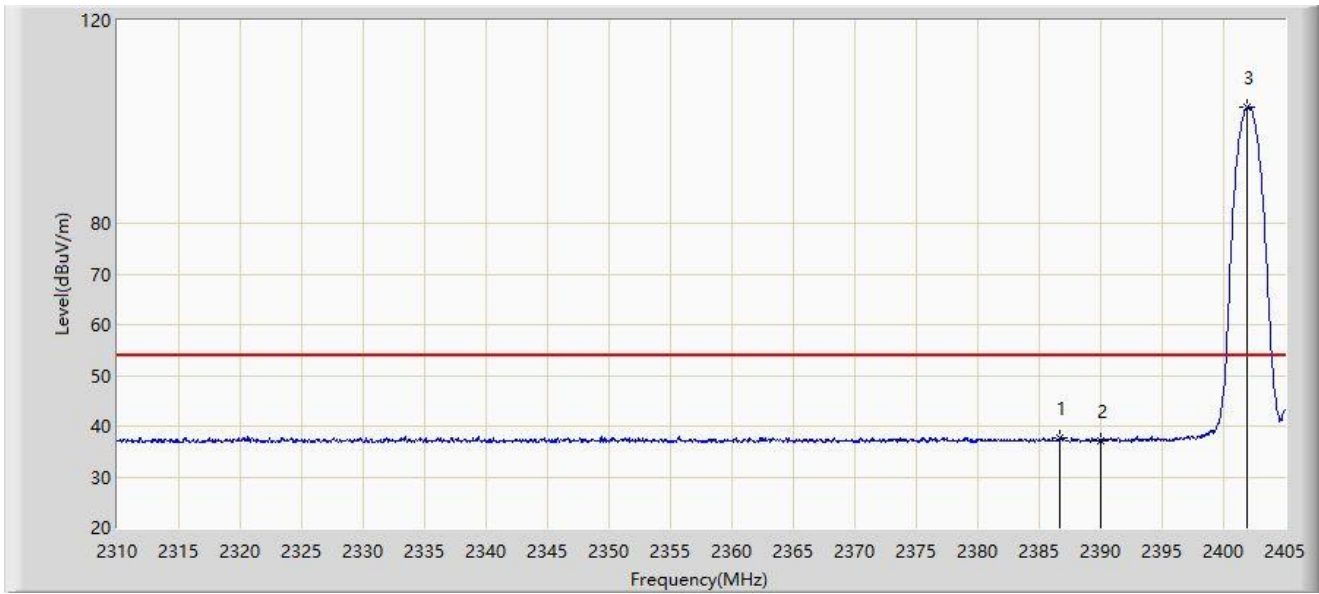
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2371.655	54.728	23.424	-19.272	74.000	31.305	PK
2		2390.000	51.414	20.160	-22.586	74.000	31.254	PK
3		2402.008	107.435	76.177	N/A	N/A	31.258	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



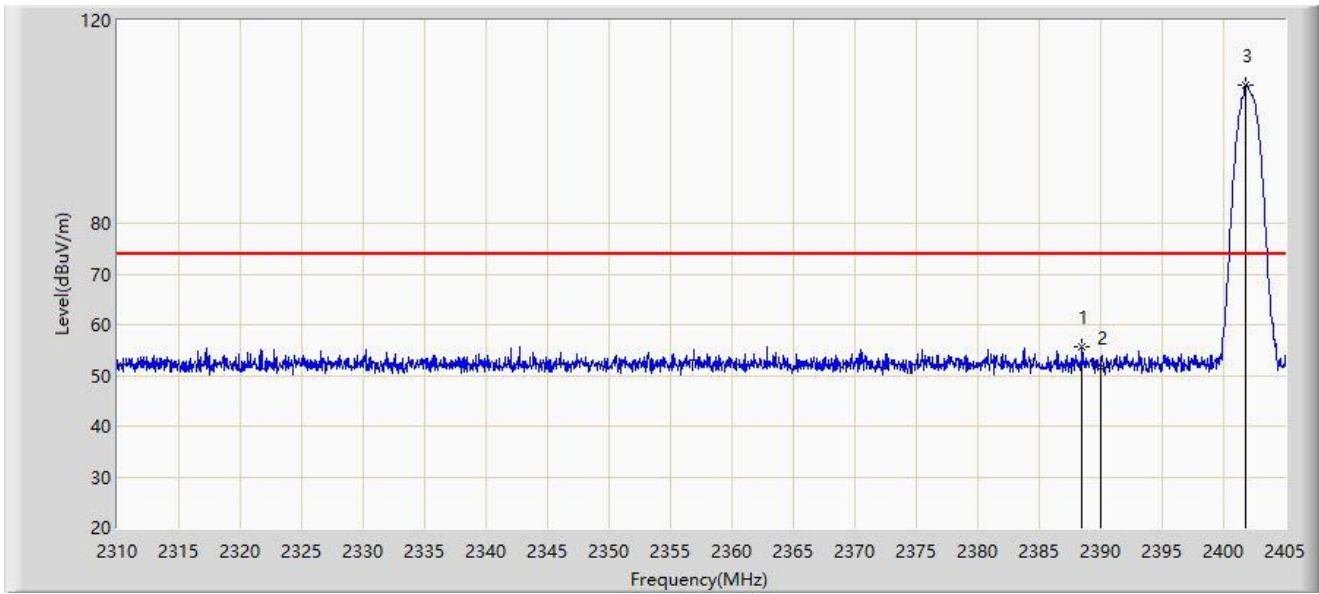
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2386.665	37.798	6.541	-16.202	54.000	31.256	AV
2		2390.000	37.228	5.974	-16.772	54.000	31.254	AV
3		2401.960	102.801	71.543	N/A	N/A	31.258	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



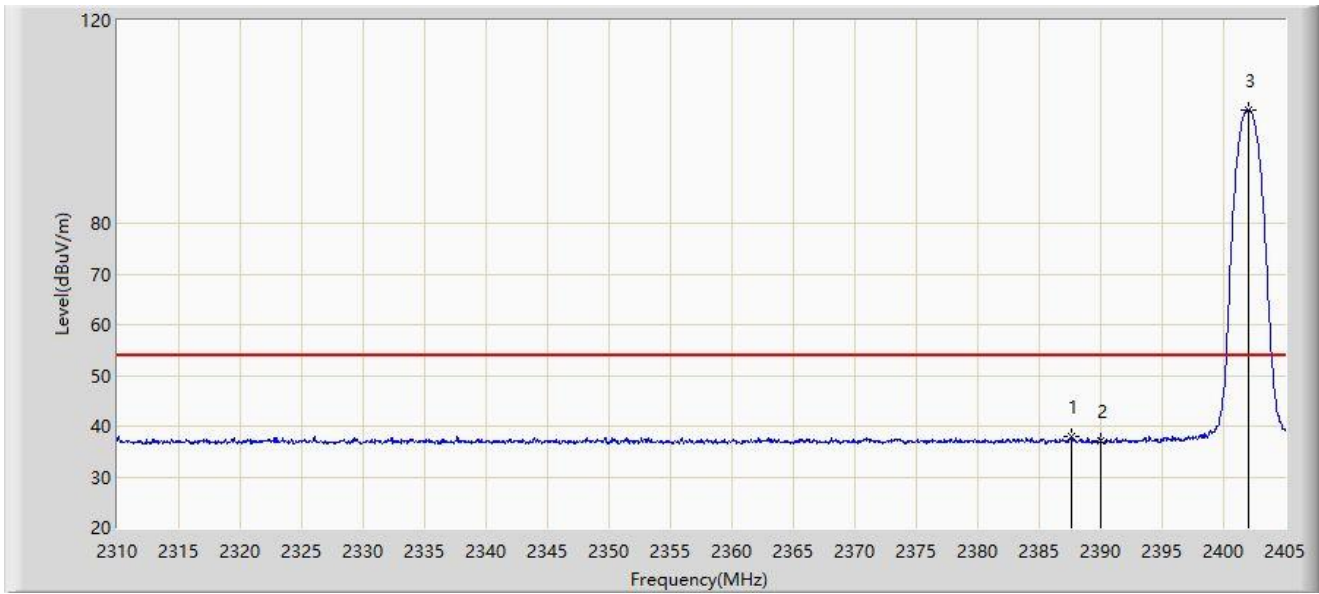
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2388.470	55.544	24.289	-18.456	74.000	31.255	PK
2		2390.000	51.689	20.435	-22.311	74.000	31.254	PK
3		2401.770	107.139	75.881	N/A	N/A	31.257	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2402MHz	



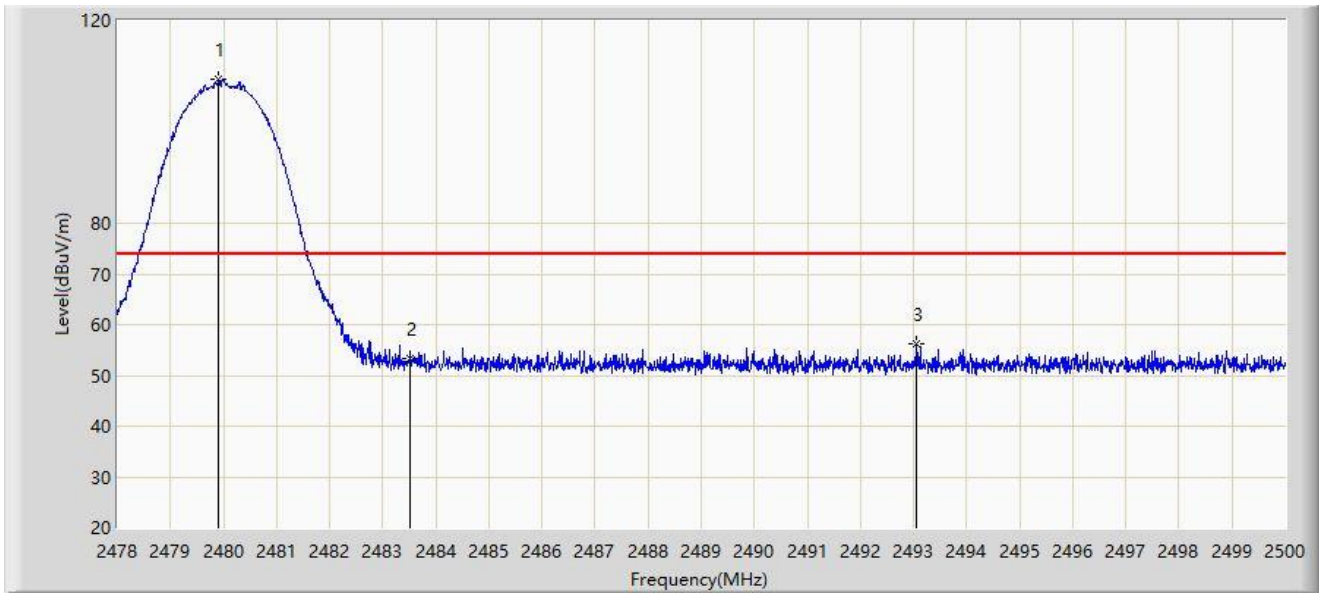
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2387.663	37.874	6.618	-16.126	54.000	31.256	AV
2		2390.000	37.028	5.774	-16.972	54.000	31.254	AV
3		2402.055	102.443	71.185	N/A	N/A	31.258	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



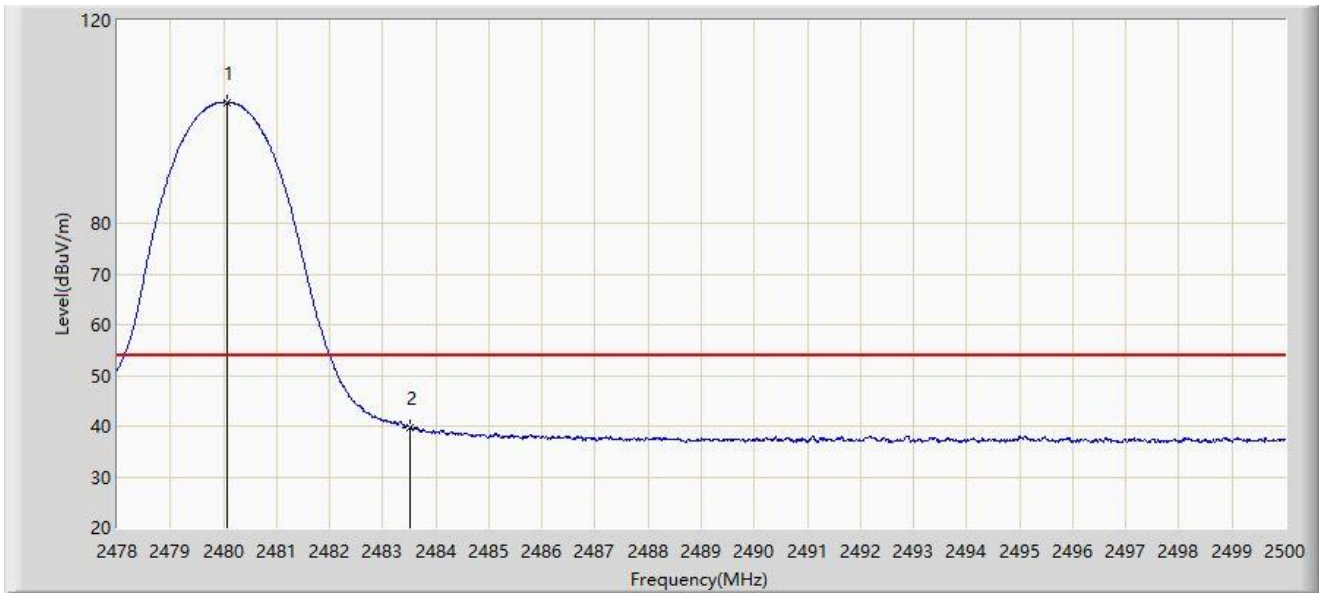
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.903	108.311	77.087	N/A	N/A	31.224	PK
2		2483.500	53.361	22.135	-20.639	74.000	31.226	PK
3	*	2493.059	56.207	24.974	-17.793	74.000	31.233	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



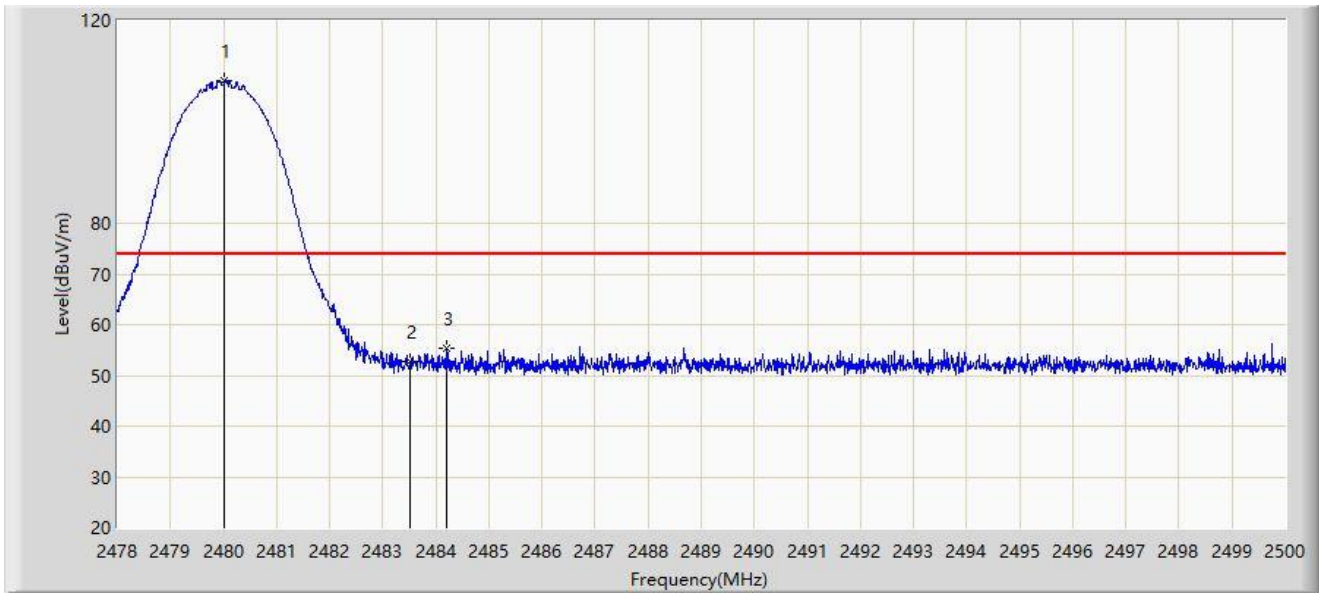
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.079	103.911	72.687	N/A	N/A	31.224	AV
2	*	2483.500	39.619	8.393	-14.381	54.000	31.226	AV

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at 2480MHz	



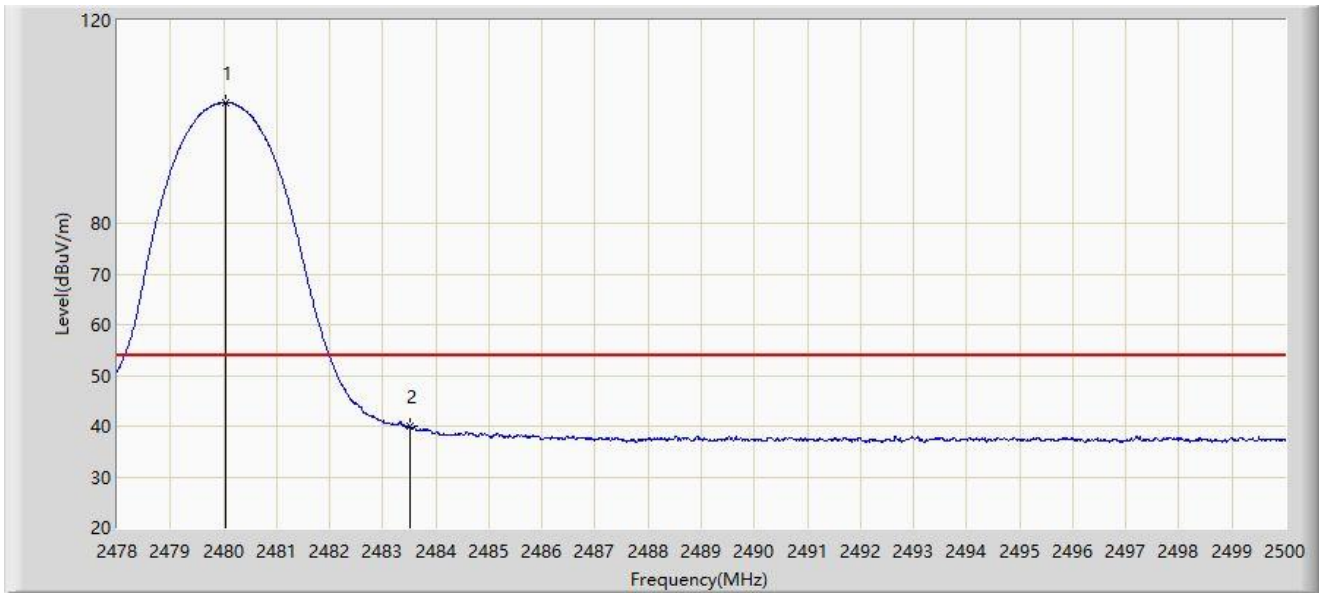
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.013	108.163	76.939	N/A	N/A	31.224	PK
2		2483.500	52.810	21.584	-21.190	74.000	31.226	PK
3	*	2484.193	55.370	24.143	-18.630	74.000	31.227	PK

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: WZ-AC1	Test Date: 2023-12-12
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Titan Pad	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		2480.046	103.713	72.489	N/A	N/A	31.224	AV
2	*	2483.500	39.906	8.680	-14.094	54.000	31.226	AV

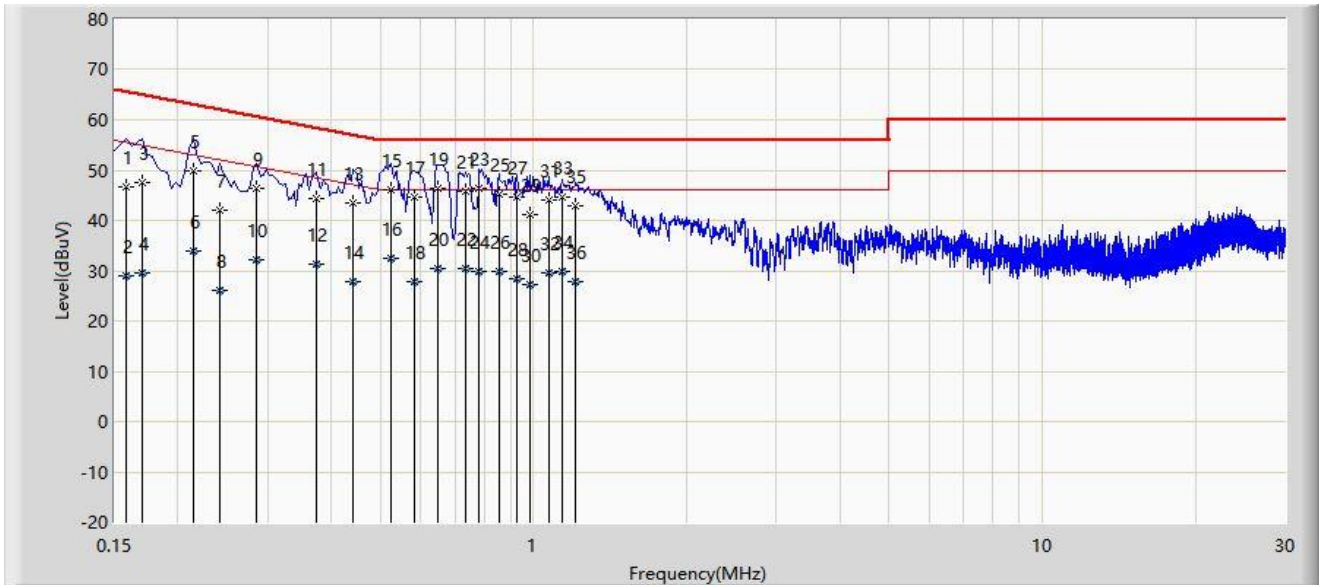
Note 1: " * ", means this data is the worst emission level.

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: WZ-SR2	Test Date: 2023-12-14
Temperature: 20.1°C	Humidity: 53%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Linda Wei
Probe: ENV216_101683_Filter Off_E	Polarity: Line
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.158	46.727	36.957	-18.841	65.568	9.770	QP
2		0.158	29.130	19.361	-26.438	55.568	9.770	AV
3		0.170	47.545	37.770	-17.416	64.960	9.775	QP
4		0.170	29.676	19.902	-25.284	54.960	9.775	AV
5		0.214	49.915	40.122	-13.134	63.049	9.793	QP
6		0.214	33.775	23.982	-19.273	53.049	9.793	AV
7		0.242	41.912	32.107	-20.116	62.027	9.805	QP
8		0.242	26.170	16.365	-25.857	52.027	9.805	AV
9		0.286	46.425	36.608	-14.215	60.640	9.817	QP
10		0.286	32.257	22.440	-18.382	50.640	9.817	AV
11		0.374	44.354	34.491	-14.058	58.412	9.863	QP
12		0.374	31.297	21.434	-17.114	48.412	9.863	AV
13		0.442	43.344	33.444	-13.680	57.024	9.899	QP
14		0.442	27.954	18.054	-19.070	47.024	9.899	AV
15		0.526	46.107	36.161	-9.893	56.000	9.946	QP

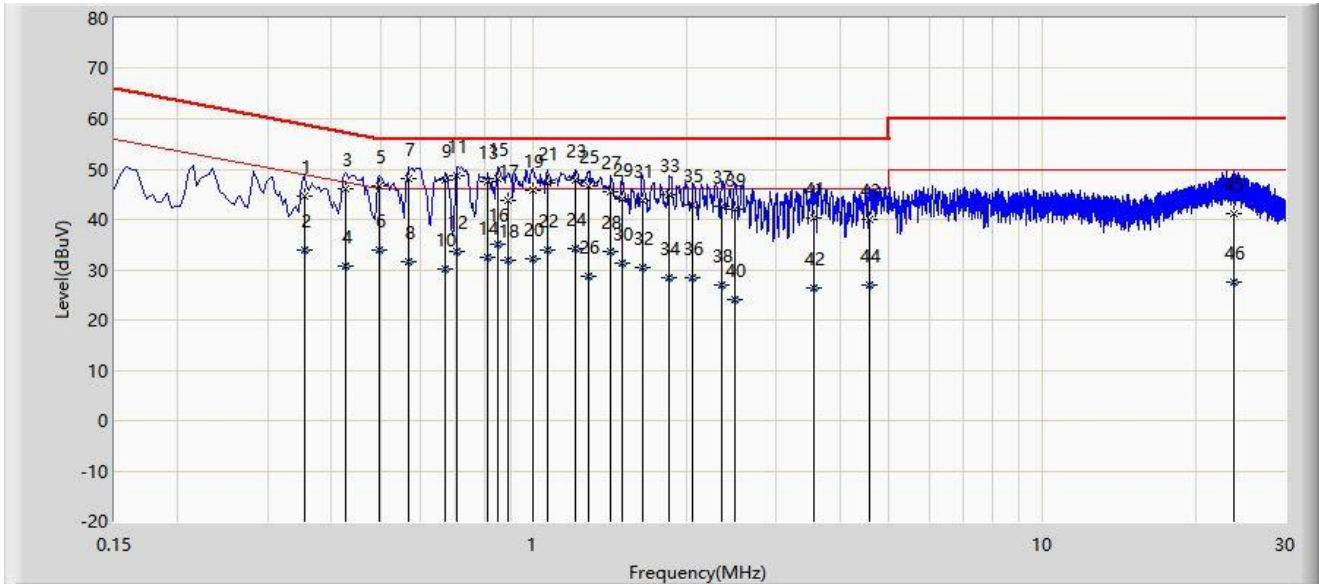
16		0.526	32.337	22.391	-13.663	46.000	9.946	AV
17		0.582	44.524	34.547	-11.476	56.000	9.976	QP
18		0.582	27.831	17.855	-18.169	46.000	9.976	AV
19	*	0.650	46.450	36.434	-9.550	56.000	10.015	QP
20		0.650	30.569	20.554	-15.431	46.000	10.015	AV
21		0.734	45.730	35.665	-10.270	56.000	10.065	QP
22		0.734	30.531	20.466	-15.469	46.000	10.065	AV
23		0.782	46.334	36.237	-9.666	56.000	10.097	QP
24		0.782	29.794	19.698	-16.206	46.000	10.097	AV
25		0.854	45.261	35.122	-10.739	56.000	10.139	QP
26		0.854	29.838	19.699	-16.162	46.000	10.139	AV
27		0.926	44.755	34.573	-11.245	56.000	10.181	QP
28		0.926	28.287	18.106	-17.713	46.000	10.181	AV
29		0.982	41.238	31.019	-14.762	56.000	10.219	QP
30		0.982	27.116	16.897	-18.884	46.000	10.219	AV
31		1.070	44.109	33.871	-11.891	56.000	10.238	QP
32		1.070	29.452	19.214	-16.548	46.000	10.238	AV
33		1.138	44.750	34.504	-11.250	56.000	10.246	QP
34		1.138	29.720	19.475	-16.280	46.000	10.246	AV
35		1.210	42.856	32.601	-13.144	56.000	10.254	QP
36		1.210	27.853	17.599	-18.147	46.000	10.254	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: WZ-SR2	Test Date: 2023-12-14
Temperature: 20.1°C	Humidity: 53%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Linda Wei
Probe: ENV216_101683_Filter Off_E	Polarity: Neutral
EUT: Titan Pad	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.354	44.686	34.829	-14.182	58.868	9.857	QP
2		0.354	33.890	24.033	-14.978	48.868	9.857	AV
3		0.426	46.114	36.213	-11.217	57.330	9.901	QP
4		0.426	30.744	20.844	-16.586	47.330	9.901	AV
5		0.498	46.764	36.824	-9.269	56.033	9.940	QP
6		0.498	33.917	23.977	-12.116	46.033	9.940	AV
7		0.566	48.009	38.031	-7.991	56.000	9.978	QP
8		0.566	31.630	21.652	-14.370	46.000	9.978	AV
9		0.670	47.751	37.714	-8.249	56.000	10.037	QP
10		0.670	30.266	20.230	-15.734	46.000	10.037	AV
11	*	0.706	48.562	38.505	-7.438	56.000	10.056	QP
12		0.706	33.716	23.659	-12.284	46.000	10.056	AV
13		0.814	47.514	37.388	-8.486	56.000	10.126	QP
14		0.814	32.324	22.198	-13.676	46.000	10.126	AV
15		0.850	48.193	38.046	-7.807	56.000	10.147	QP
16		0.850	35.209	25.063	-10.791	46.000	10.147	AV

17		0.890	43.751	33.582	-12.249	56.000	10.169	QP
18		0.890	31.832	21.663	-14.168	46.000	10.169	AV
19		0.998	45.893	35.664	-10.107	56.000	10.229	QP
20		0.998	32.176	21.948	-13.824	46.000	10.229	AV
21		1.062	47.172	36.928	-8.828	56.000	10.244	QP
22		1.062	34.057	23.814	-11.943	46.000	10.244	AV
23		1.210	47.830	37.556	-8.170	56.000	10.274	QP
24		1.210	34.147	23.873	-11.853	46.000	10.274	AV
25		1.286	46.689	36.404	-9.311	56.000	10.285	QP
26		1.286	28.612	18.327	-17.388	46.000	10.285	AV
27		1.418	45.614	35.310	-10.386	56.000	10.304	QP
28		1.418	33.485	23.181	-12.515	46.000	10.304	AV
29		1.494	44.089	33.773	-11.911	56.000	10.316	QP
30		1.494	31.234	20.918	-14.766	46.000	10.316	AV
31		1.634	43.798	33.456	-12.202	56.000	10.342	QP
32		1.634	30.394	20.052	-15.606	46.000	10.342	AV
33		1.850	44.868	34.485	-11.132	56.000	10.383	QP
34		1.850	28.309	17.926	-17.691	46.000	10.383	AV
35		2.058	42.783	32.357	-13.217	56.000	10.426	QP
36		2.058	28.382	17.956	-17.618	46.000	10.426	AV
37		2.346	42.650	32.156	-13.350	56.000	10.493	QP
38		2.346	26.812	16.319	-19.188	46.000	10.493	AV
39		2.494	41.957	31.429	-14.043	56.000	10.528	QP
40		2.494	23.981	13.453	-22.019	46.000	10.528	AV
41		3.546	40.212	29.428	-15.788	56.000	10.783	QP
42		3.546	26.312	15.528	-19.688	46.000	10.783	AV
43		4.582	39.930	28.908	-16.070	56.000	11.022	QP
44		4.582	26.855	15.833	-19.145	46.000	11.022	AV
45		23.778	41.183	29.233	-18.817	60.000	11.951	QP
46		23.778	27.561	15.611	-22.439	50.000	11.951	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 “2312RSU005-UT” file.

Appendix C - EUT Photograph

Refer to “2312RSU005-UE” file.

_____ The End _____