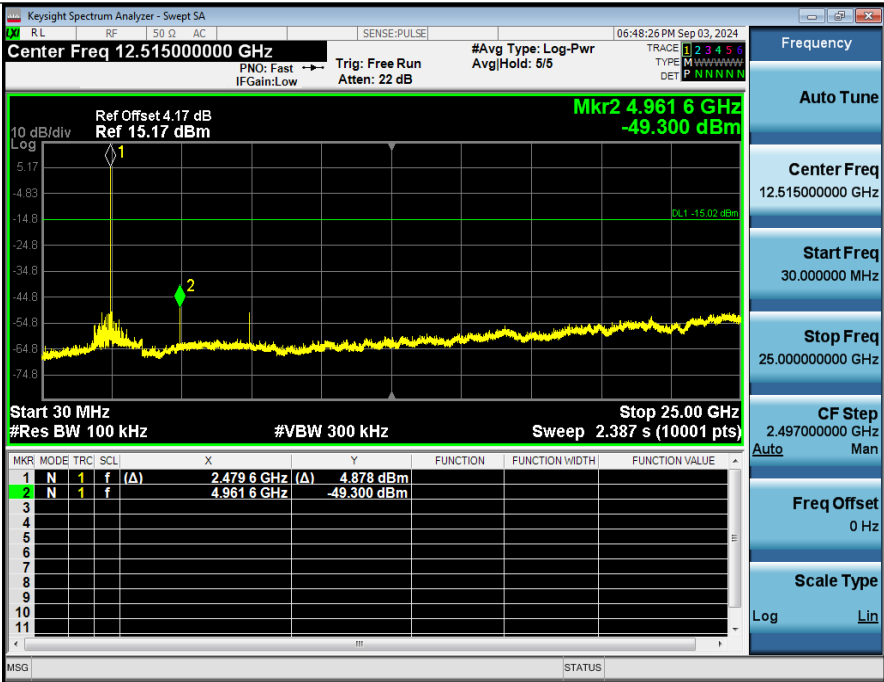


1_Reference_Level_NVNT_ANT1_1Mbps_2480



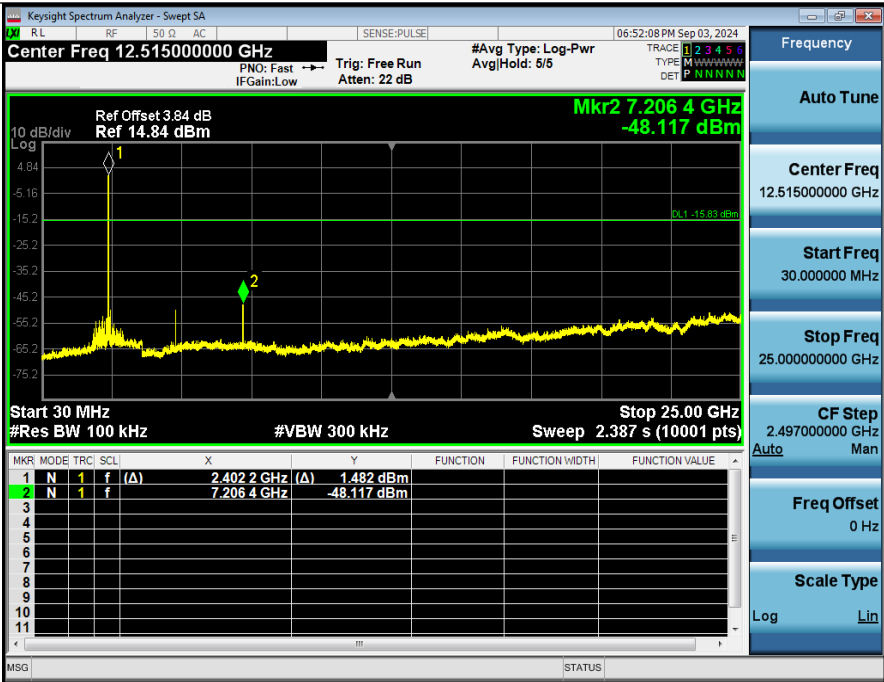
2_Spurious_Emission_NVNT_ANT1_1Mbps_2480



1_Reference_Level_NVNT_ANT1_2Mbps_2402



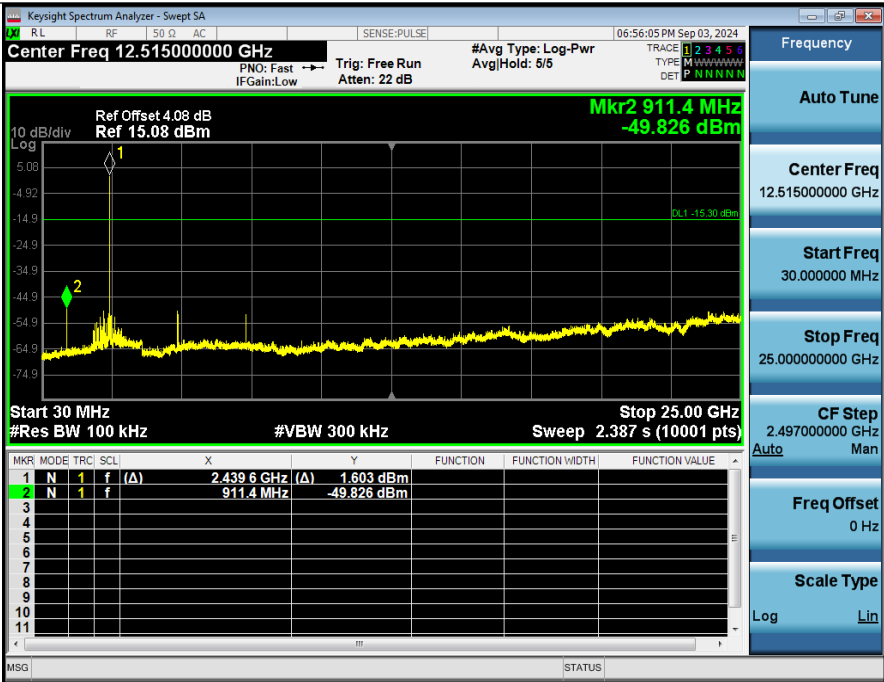
2_Spurious_Emission_NVNT_ANT1_2Mbps_2402



1_Reference_Level_NVNT_ANT1_2Mbps_2440



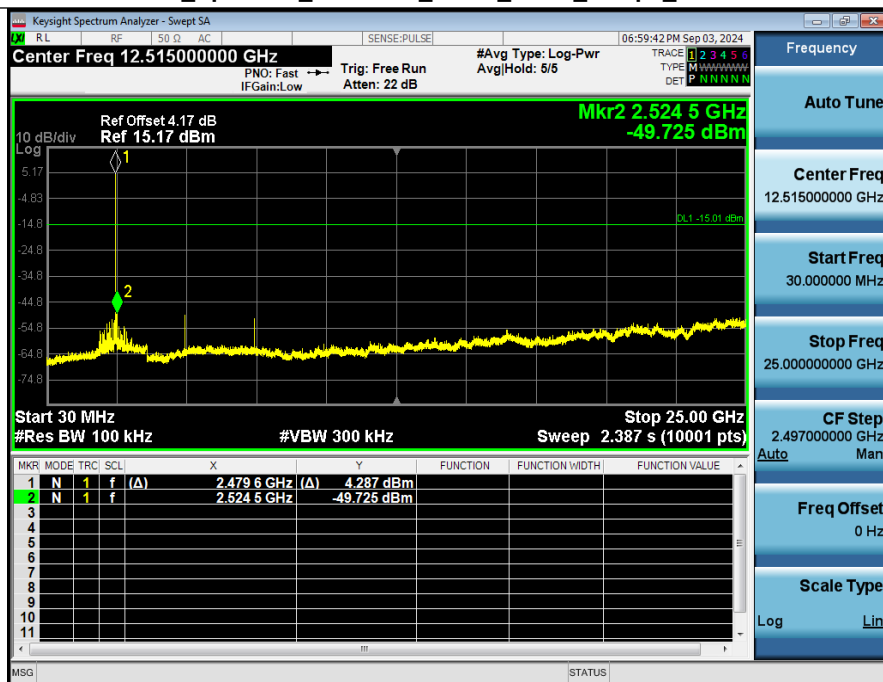
2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480



Appendix A.5: Test Results of Radiated Spurious Emissions

Note:

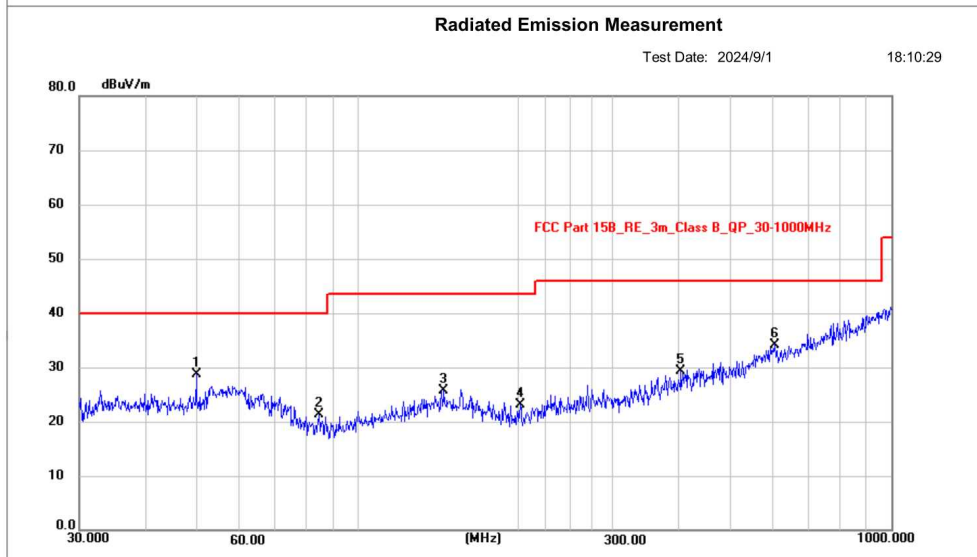
- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.6V
Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang
Temperature: 26 °C
Humidity: 54 %RH
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	49.7066	14.57	14.15	28.72	40.00	-11.28	peak			P	
2	84.4054	11.79	9.58	21.37	40.00	-18.63	peak			P	
3	144.8417	11.73	14.01	25.74	43.50	-17.76	peak			P	
4	201.3930	11.96	11.20	23.16	43.50	-20.34	peak			P	
5	403.2500	11.58	17.81	29.39	46.00	-16.61	peak			P	
6	603.5390	11.26	22.94	34.20	46.00	-11.80	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

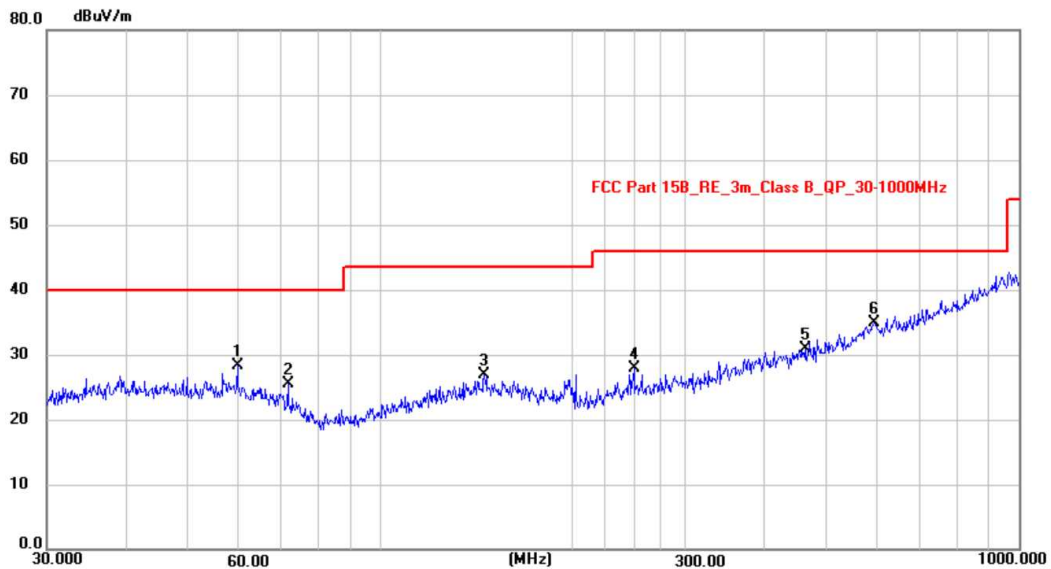


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.6V
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang
Temperature: 26 °C
Humidity: 54 %RH
Note:

Radiated Emission Measurement

Test Date: 2024/9/1 18:15:28



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	59.6492	15.15	13.15	28.30	40.00	-11.70	peak			P	
2	71.5805	13.87	11.67	25.54	40.00	-14.46	peak			P	
3	145.3505	12.83	14.02	26.85	43.50	-16.65	peak			P	
4	249.4250	14.56	13.36	27.92	46.00	-18.08	peak			P	
5	462.3455	11.59	19.25	30.84	46.00	-15.16	peak			P	
6 *	593.0496	12.11	22.70	34.81	46.00	-11.19	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.



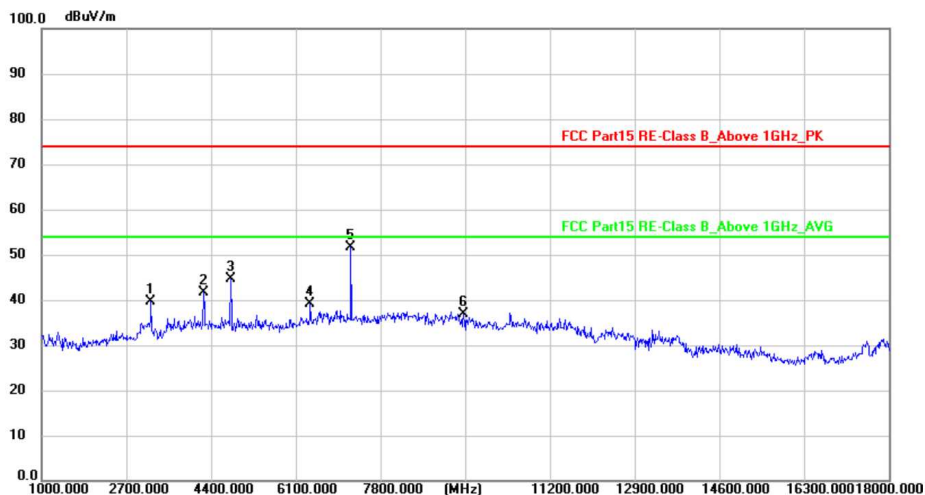
Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: WIRELESS BLE/LORA TEMPERATURE	Distance: 3m	Humidity: 54 %RH
M/N: 7911N-EX-A-A0	Test Engineer: Felix Pang	
Test Mode: BLE 1M 2402MHz		
Test Voltage: DC 3.6V		
Note:		

Radiated Emission Measurement

Test Date: 2024/8/31

14:09:17



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3197.250	57.75	-18.03	39.72	74.00	-34.28	peak			P	
2	4247.000	57.11	-15.47	41.64	74.00	-32.36	peak			P	
3	4803.750	58.79	-14.06	44.73	74.00	-29.27	peak			P	
4	6399.625	48.89	-9.74	39.15	74.00	-34.85	peak			P	
5 *	7205.000	59.47	-7.87	51.60	74.00	-22.40	peak			P	
6	9476.625	42.84	-5.93	36.91	74.00	-37.09	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.6V
Note:

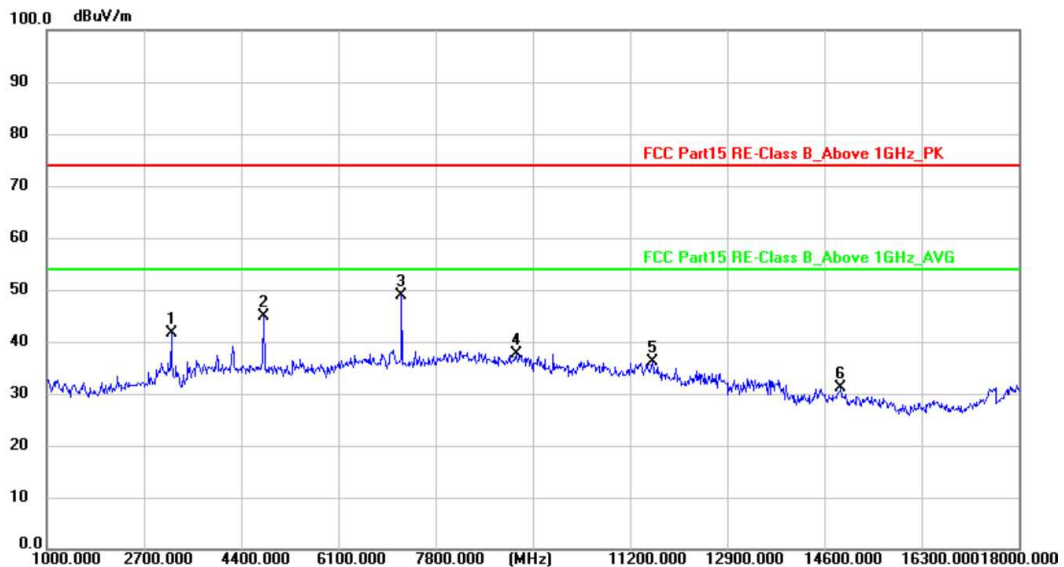
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/8/31

14:13:05



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3188.750	59.61	-18.06	41.55	74.00	-32.45	peak			P	
2	4803.750	58.97	-14.06	44.91	74.00	-29.09	peak			P	
3 *	7207.125	56.83	-7.86	48.97	74.00	-25.03	peak			P	
4	9217.375	43.68	-6.07	37.61	74.00	-36.39	peak			P	
5	11599.500	40.43	-4.25	36.18	74.00	-37.82	peak			P	
6	14893.250	33.34	-2.18	31.16	74.00	-42.84	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



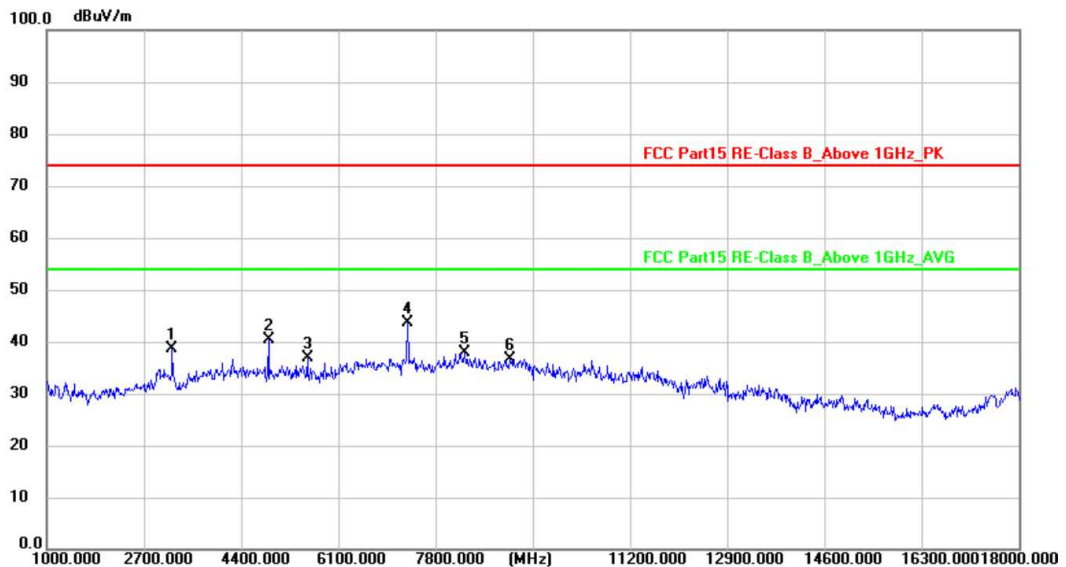
Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: WIRELESS BLE/LORA TEMPERATURE Distance: 3m Humidity: 54 %RH
M/N: 7911N-EX-A-A0 Test Engineer: Felix Pang
Test Mode: BLE 1M 2440MHz
Test Voltage: DC 3.6V
Note:

Radiated Emission Measurement

Test Date: 2024/8/31

14:18:25



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3197.250	56.73	-18.03	38.70	74.00	-35.30	peak			P	
2	4880.250	54.30	-13.86	40.44	74.00	-33.56	peak			P	
3	5560.250	49.00	-12.05	36.95	74.00	-37.05	peak			P	
4 *	7319.750	51.51	-7.76	43.75	74.00	-30.25	peak			P	
5	8320.625	44.77	-6.86	37.91	74.00	-36.09	peak			P	
6	9094.125	42.90	-6.15	36.75	74.00	-37.25	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 1M 2440MHz
Test Voltage: DC 3.6V

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

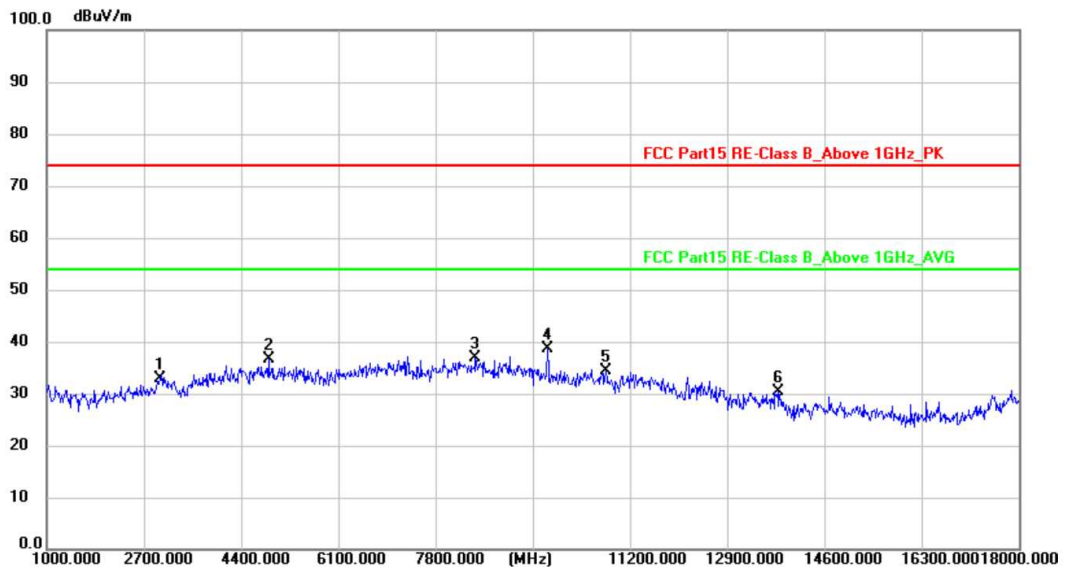
Temperature: 26 °C
Humidity: 54 %RH

Note:

Radiated Emission Measurement

Test Date: 2024/8/31

14:24:02



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2974.125	51.38	-18.59	32.79	74.00	-41.21	peak			P	
2	4880.250	49.57	-12.98	36.59	74.00	-37.41	peak			P	
3	8497.000	43.56	-6.69	36.87	74.00	-37.13	peak			P	
4 *	9759.250	44.31	-5.76	38.55	74.00	-35.45	peak			P	
5	10785.625	39.03	-4.57	34.46	74.00	-39.54	peak			P	
6	13790.375	32.65	-2.22	30.43	74.00	-43.57	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 1M 2480MHz
Test Voltage: DC 3.6V
Note:

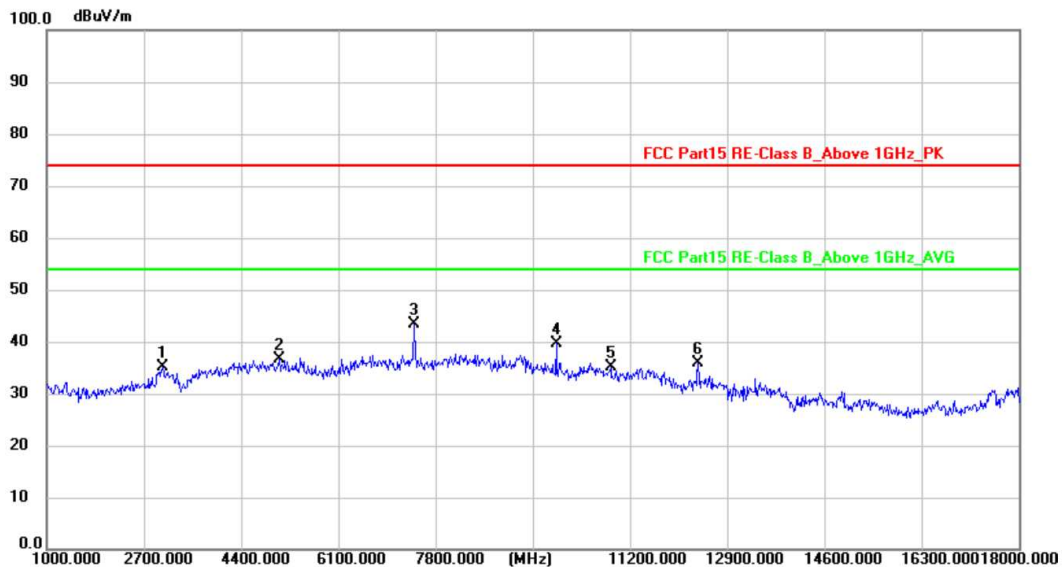
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/8/31

14:27:00



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3031.500	53.61	-18.44	35.17	74.00	-38.83	peak			P	
2	5067.250	48.96	-12.45	36.51	74.00	-37.49	peak			P	
3 *	7438.750	51.16	-7.66	43.50	74.00	-30.50	peak			P	
4	9922.875	45.36	-5.67	39.69	74.00	-34.31	peak			P	
5	10864.250	39.70	-4.47	35.23	74.00	-38.77	peak			P	
6	12402.750	39.67	-3.69	35.98	74.00	-38.02	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 1M 2480MHz
Test Voltage: DC 3.6V
Note:

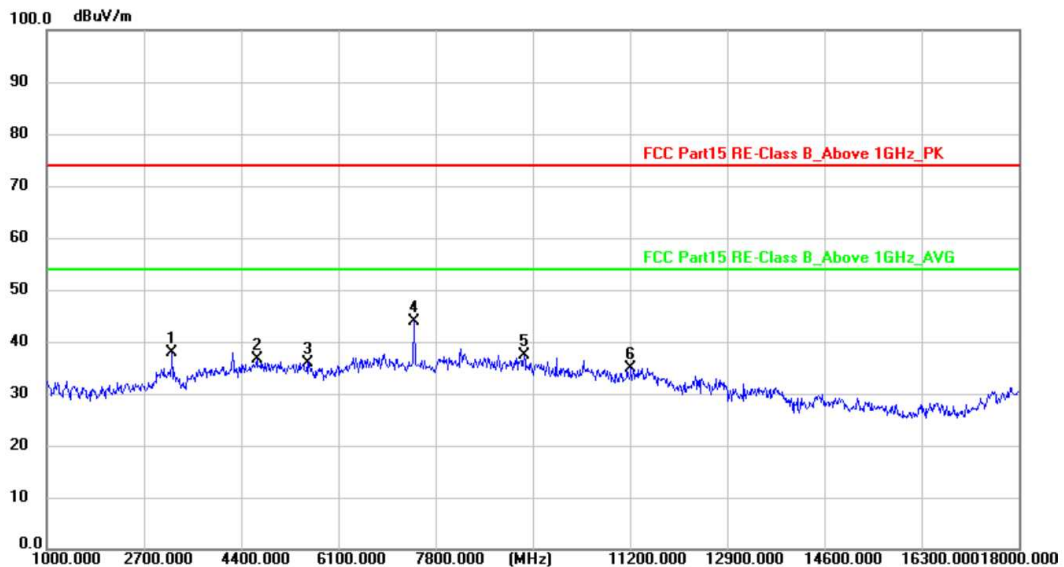
Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/8/31

14:33:21



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3199.375	55.88	-18.03	37.85	74.00	-36.15	peak			P	
2	4684.750	50.87	-14.36	36.51	74.00	-37.49	peak			P	
3	5556.000	47.88	-12.06	35.82	74.00	-38.18	peak			P	
4 *	7438.750	51.54	-7.66	43.88	74.00	-30.12	peak			P	
5	9355.500	43.29	-6.00	37.29	74.00	-36.71	peak			P	
6	11221.250	39.04	-4.27	34.77	74.00	-39.23	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2402MHz
Test Voltage: DC 3.6V
Note:

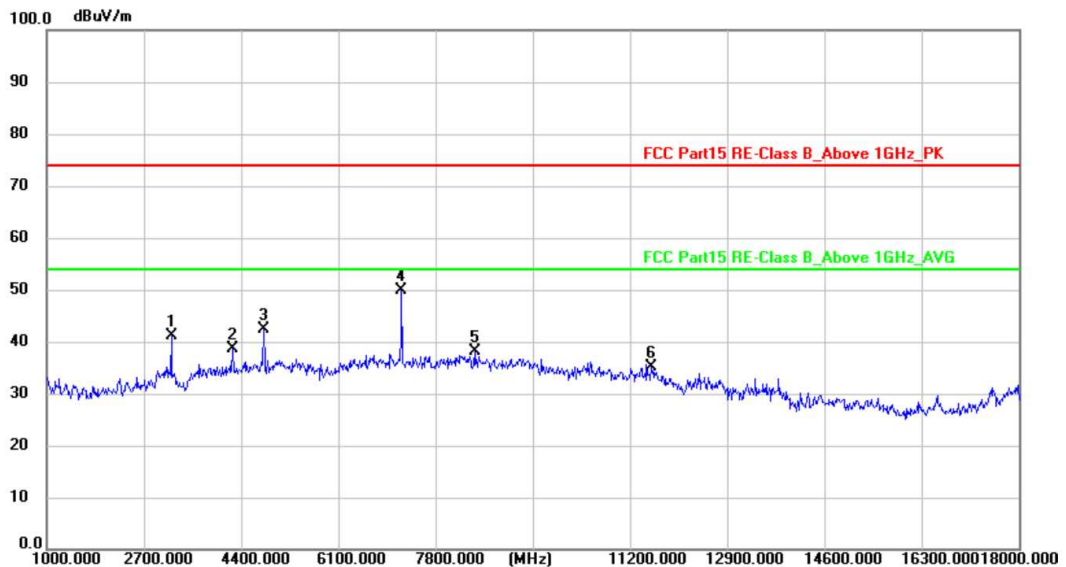
Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/8/31

14:36:00



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3186.625	59.20	-18.07	41.13	74.00	-32.87	peak			P	
2	4251.250	53.98	-15.45	38.53	74.00	-35.47	peak			P	
3	4805.875	56.52	-14.04	42.48	74.00	-31.52	peak			P	
4 *	7205.000	57.77	-7.87	49.90	74.00	-24.10	peak			P	
5	8488.500	44.74	-6.69	38.05	74.00	-35.95	peak			P	
6	11582.500	39.38	-4.25	35.13	74.00	-38.87	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2402MHz
Test Voltage: DC 3.6V
Note:

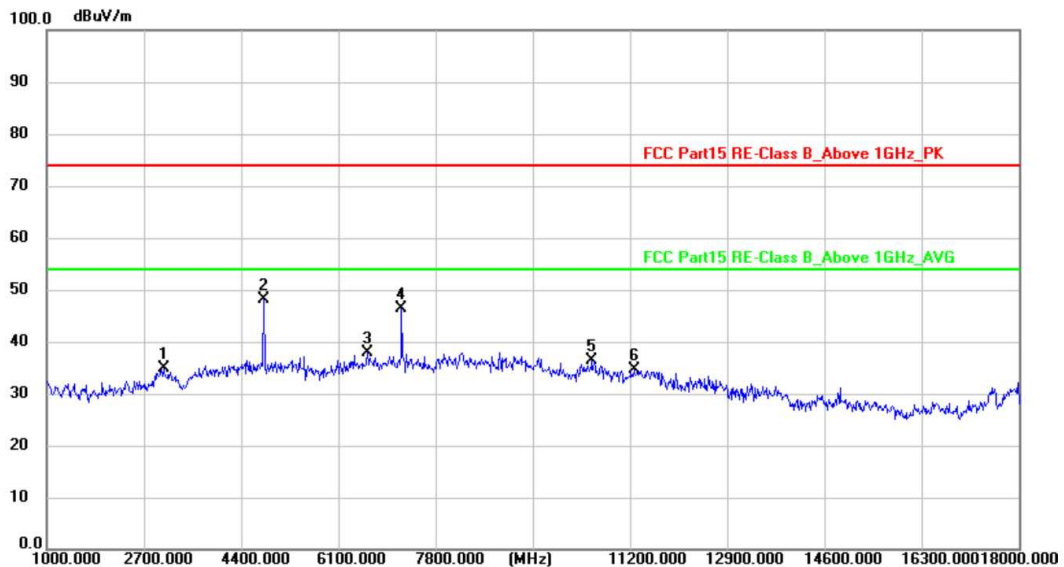
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/8/31

14:41:48



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3042.125	53.22	-18.40	34.82	74.00	-39.18	peak			P	
2 *	4803.750	61.34	-13.25	48.09	74.00	-25.91	peak			P	
3	6620.625	46.99	-9.11	37.88	74.00	-36.12	peak			P	
4	7205.000	54.30	-7.87	46.43	74.00	-27.57	peak			P	
5	10537.000	41.17	-4.90	36.27	74.00	-37.73	peak			P	
6	11272.250	38.85	-4.28	34.57	74.00	-39.43	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2440MHz
Test Voltage: DC 3.6V
Note:

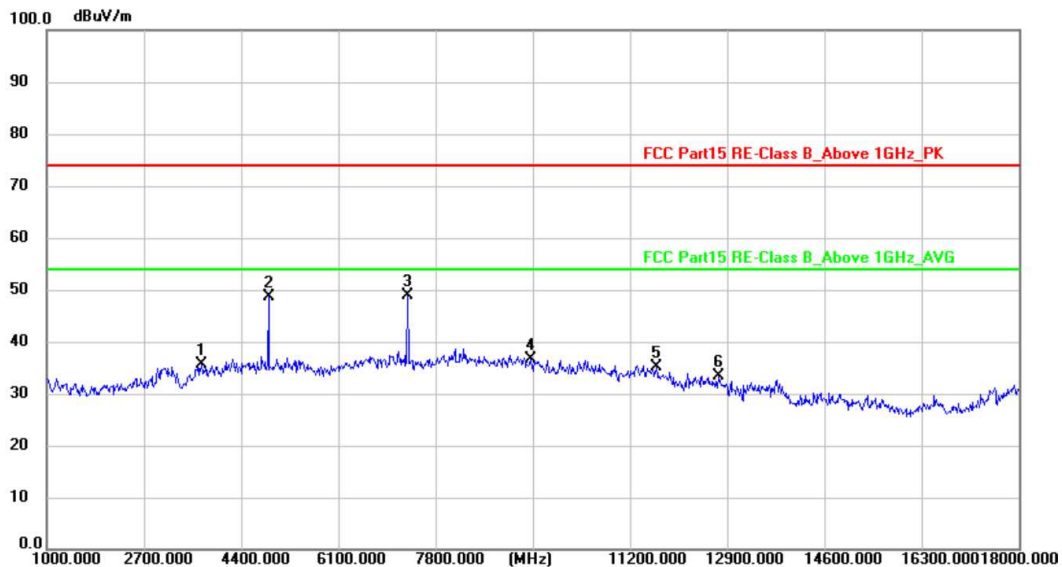
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/8/31

14:45:15



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3715.750	52.45	-16.78	35.67	74.00	-38.33	peak			P	
2	4878.125	61.57	-13.00	48.57	74.00	-25.43	peak			P	
3 *	7321.875	56.54	-7.76	48.78	74.00	-25.22	peak			P	
4	9480.875	42.52	-5.93	36.59	74.00	-37.41	peak			P	
5	11667.500	39.41	-4.25	35.16	74.00	-38.84	peak			P	
6	12757.625	36.53	-3.22	33.31	74.00	-40.69	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2440MHz
Test Voltage: DC 3.6V

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

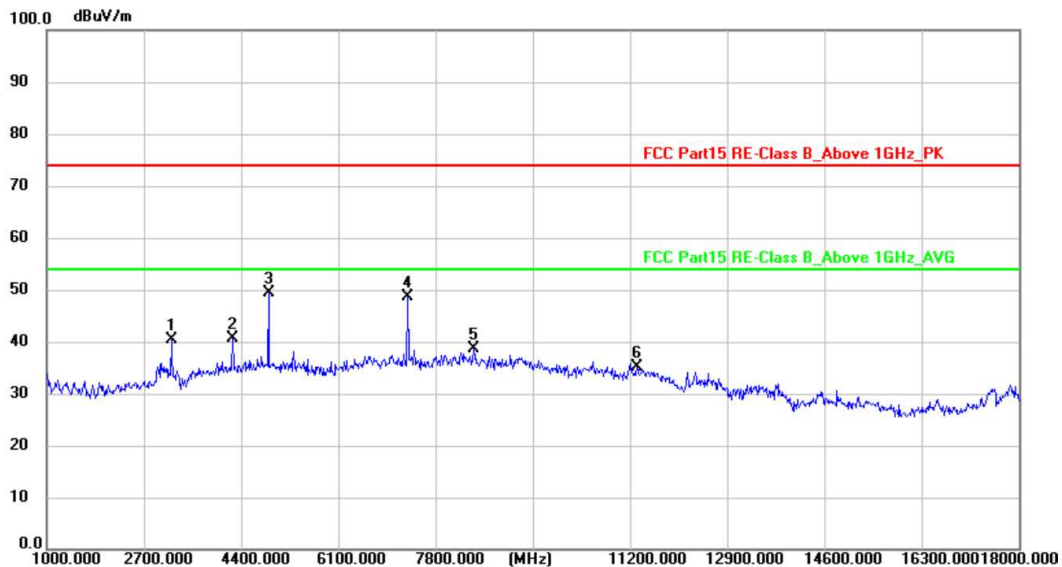
Temperature: 26 °C
Humidity: 54 %RH

Note:

Radiated Emission Measurement

Test Date: 2024/8/31

14:48:18



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3186.625	58.33	-18.07	40.26	74.00	-33.74	peak			P	
2	4259.750	55.70	-15.17	40.53	74.00	-33.47	peak			P	
3 *	4880.250	62.38	-12.98	49.40	74.00	-24.60	peak			P	
4	7321.875	56.42	-7.76	48.66	74.00	-25.34	peak			P	
5	8477.875	45.45	-6.71	38.74	74.00	-35.26	peak			P	
6	11323.250	39.44	-4.26	35.18	74.00	-38.82	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2480MHz
Test Voltage: DC 3.6V
Note:

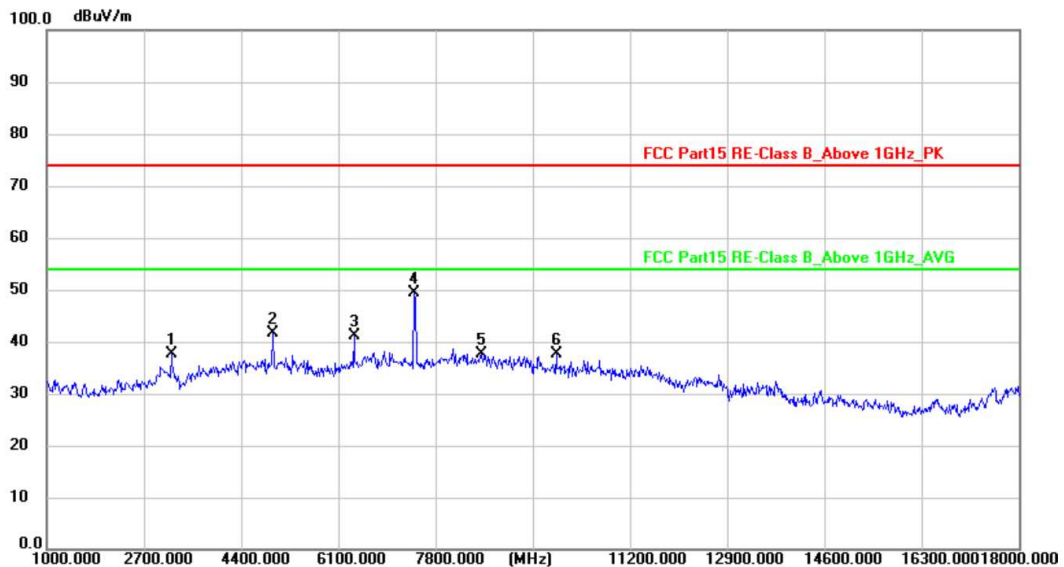
Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/8/31

14:52:19



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3186.625	55.65	-18.07	37.58	74.00	-36.42	peak			P	
2	4961.000	55.37	-13.66	41.71	74.00	-32.29	peak			P	
3	6384.750	50.97	-9.78	41.19	74.00	-32.81	peak			P	
4 *	7440.875	57.10	-7.66	49.44	74.00	-24.56	peak			P	
5	8603.250	44.24	-6.59	37.65	74.00	-36.35	peak			P	
6	9920.750	43.18	-5.67	37.51	74.00	-36.49	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2480MHz
Test Voltage: DC 3.6V
Note:

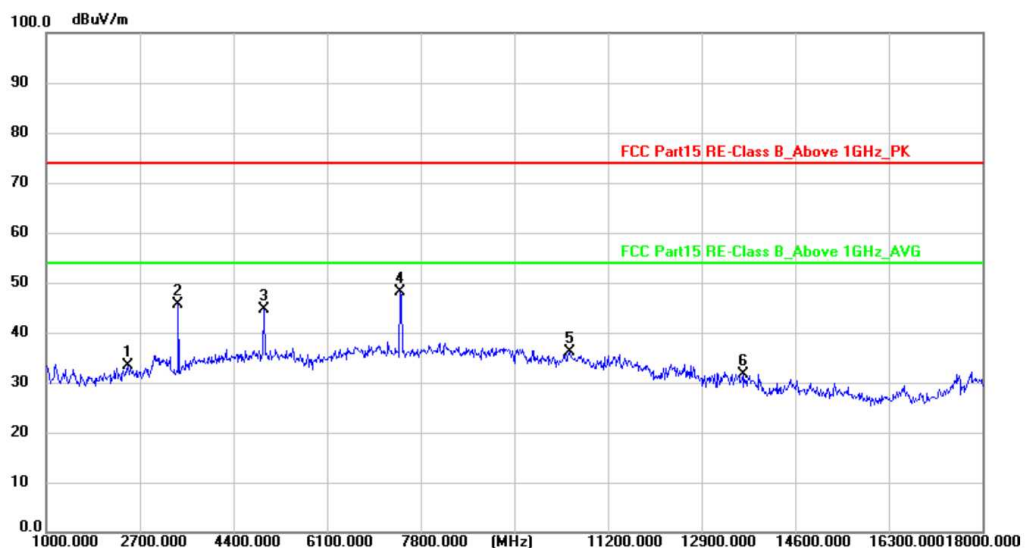
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/8/31

14:59:36



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2479.000	53.51	-20.16	33.35	74.00	-40.65	peak			P	
2	3403.375	63.19	-17.54	45.65	74.00	-28.35	peak			P	
3	4958.875	58.41	-13.68	44.73	74.00	-29.27	peak			P	
4 *	7438.750	55.68	-7.66	48.02	74.00	-25.98	peak			P	
5	10515.750	40.95	-4.94	36.01	74.00	-37.99	peak			P	
6	13654.375	33.99	-2.33	31.66	74.00	-42.34	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

Appendix A.6: Test Results of Radiated Emissions in Restricted Bands



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.6V
Note:

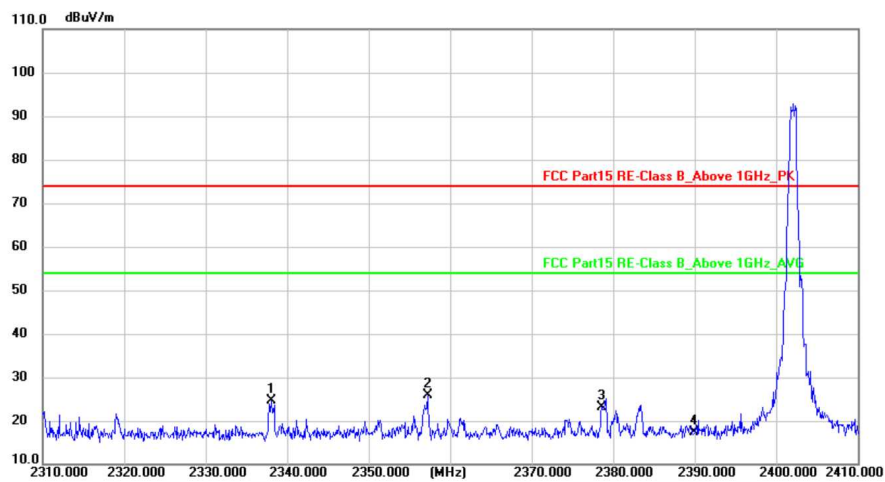
Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/9/1

11:01:39



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2338.063	51.00	-26.27	24.73	74.00	-49.27	peak			P	
2 *	2357.275	52.05	-26.21	25.84	74.00	-48.16	peak			P	
3	2378.613	49.31	-26.14	23.17	74.00	-50.83	peak			P	
4	2390.000	43.50	-26.12	17.38	74.00	-56.62	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

File: BLE-BD\Data :#1

Page: 1

Engineer Signature:



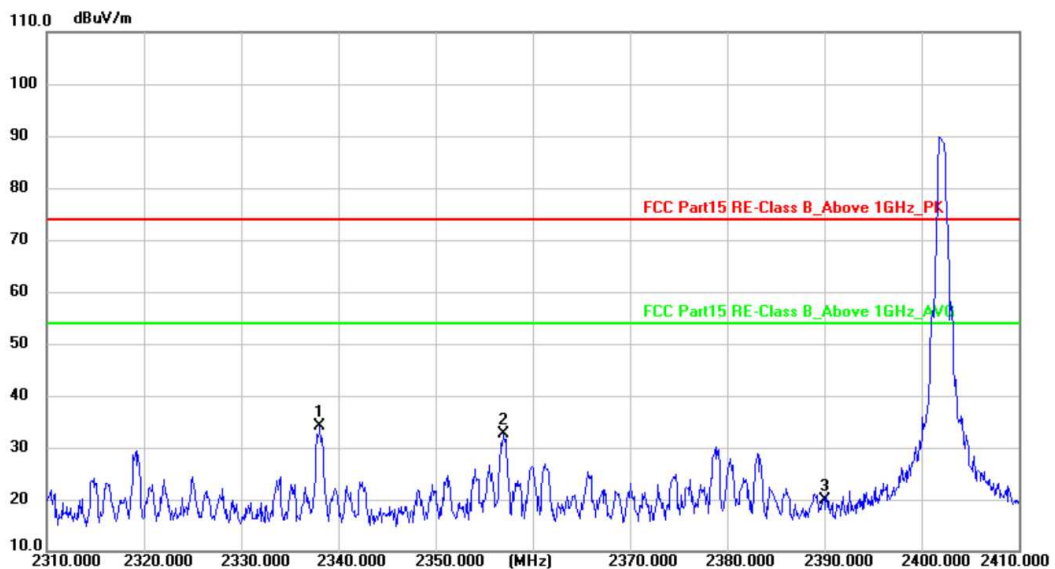
Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: WIRELESS BLE/LORA TEMPERATURE Distance: 3m Humidity: 54 %RH
M/N: 7911N-EX-A-A0 Test Engineer: Felix Pang
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.6V
Note:

Radiated Emission Measurement

Test Date: 2024/9/1

11:06:38



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2338.125	60.29	-26.27	34.02	74.00	-39.98	peak			P	
2	2357.025	58.84	-26.21	32.63	74.00	-41.37	peak			P	
3	2390.000	46.02	-26.12	19.90	74.00	-54.10	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 1M 2480MHz
Test Voltage: DC 3.6V
Note:

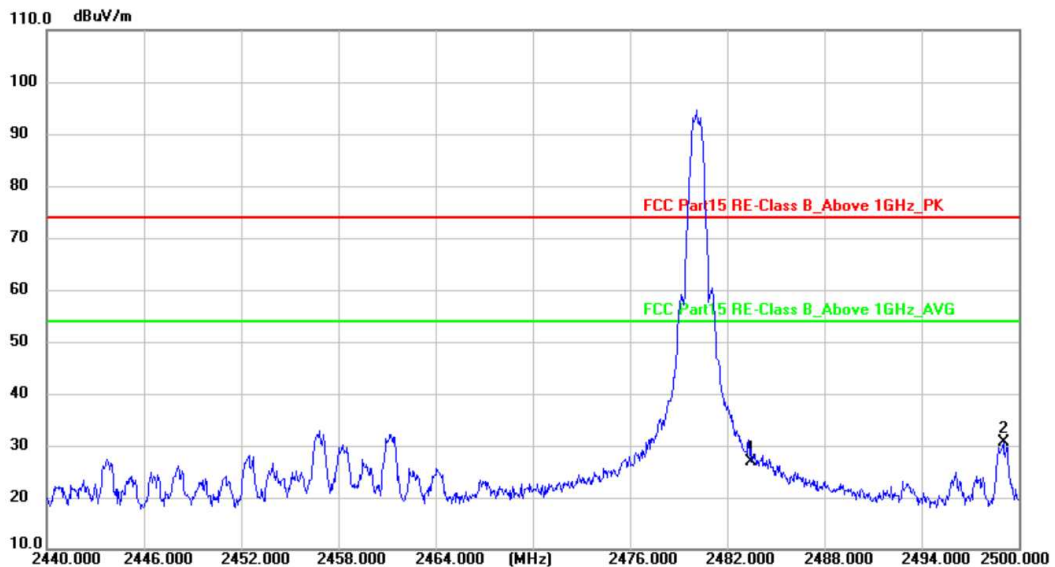
Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/9/1

11:10:49



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.500	52.69	-25.84	26.85	74.00	-47.15	peak			P	
2 *	2499.040	56.44	-25.78	30.66	74.00	-43.34	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

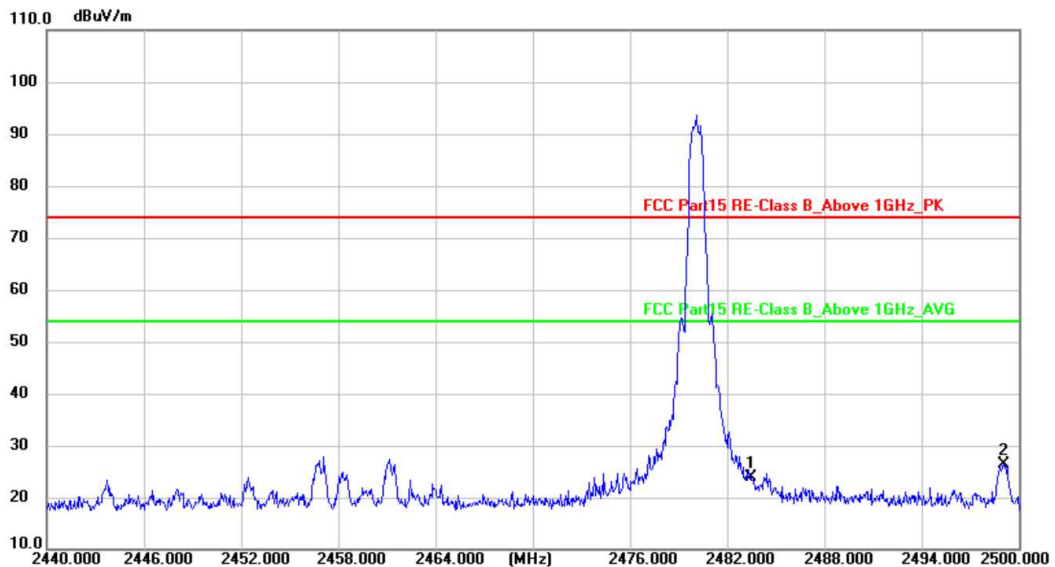


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: WIRELESS BLE/LORA TEMPERATURE Distance: 3m Humidity: 54 %RH
M/N: 7911N-EX-A-A0 Test Engineer: Felix Pang
Test Mode: BLE 1M 2480MHz
Test Voltage: DC 3.6V
Note:

Radiated Emission Measurement

Test Date: 2024/9/1 11:15:07



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.500	49.70	-25.84	23.86	74.00	-50.14	peak			P	
2 *	2499.040	52.28	-25.78	26.50	74.00	-47.50	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

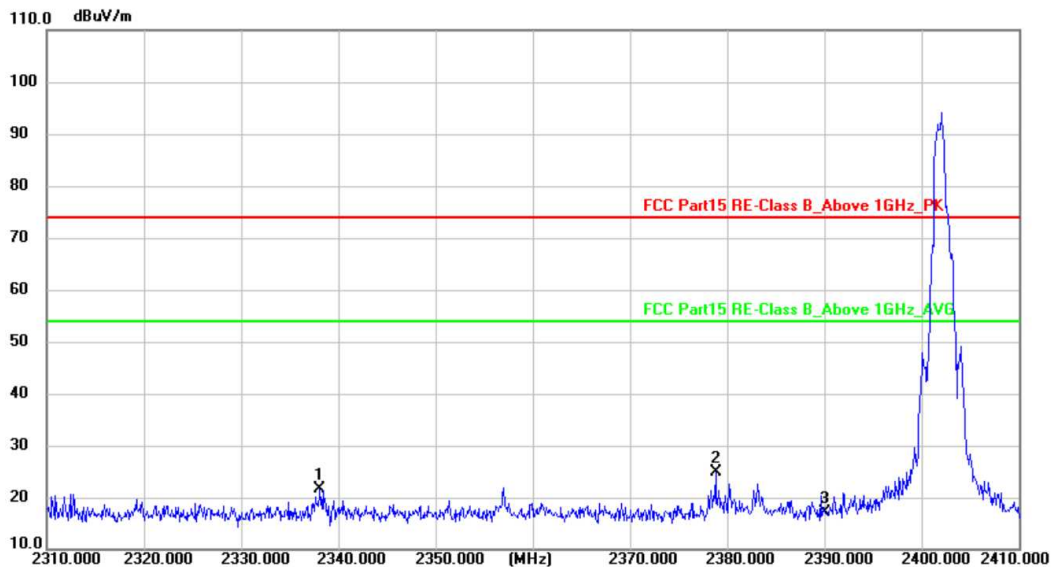


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: WIRELESS BLE/LORA TEMPERATURE Distance: 3m Humidity: 54 %RH
M/N: 7911N-EX-A-A0 Test Engineer: Felix Pang
Test Mode: BLE 2M 2402MHz
Test Voltage: DC 3.6V
Note:

Radiated Emission Measurement

Test Date: 2024/9/1 11:21:01



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2338.125	47.86	-26.27	21.59	74.00	-52.41	peak			P	
2 *	2378.825	51.02	-26.14	24.88	74.00	-49.12	peak			P	
3	2390.000	43.23	-26.12	17.11	74.00	-56.89	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



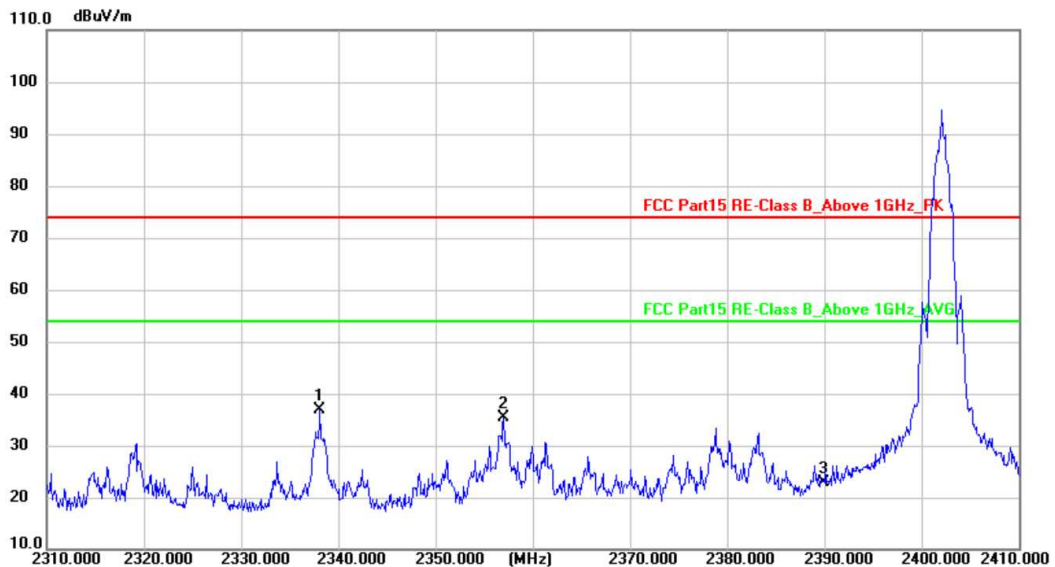
Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2402MHz
Test Voltage: DC 3.6V
Note:

Polarization: **Horizontal**
Distance: 3m
Temperature: 26 °C
Humidity: 54 %RH
Test Engineer:

Radiated Emission Measurement

Test Date: 2024/9/1 11:26:40



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2338.100	63.25	-26.27	36.98	74.00	-37.02	peak			P	
2	2357.025	61.69	-26.21	35.48	74.00	-38.52	peak			P	
3	2390.000	49.11	-26.12	22.99	74.00	-51.01	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

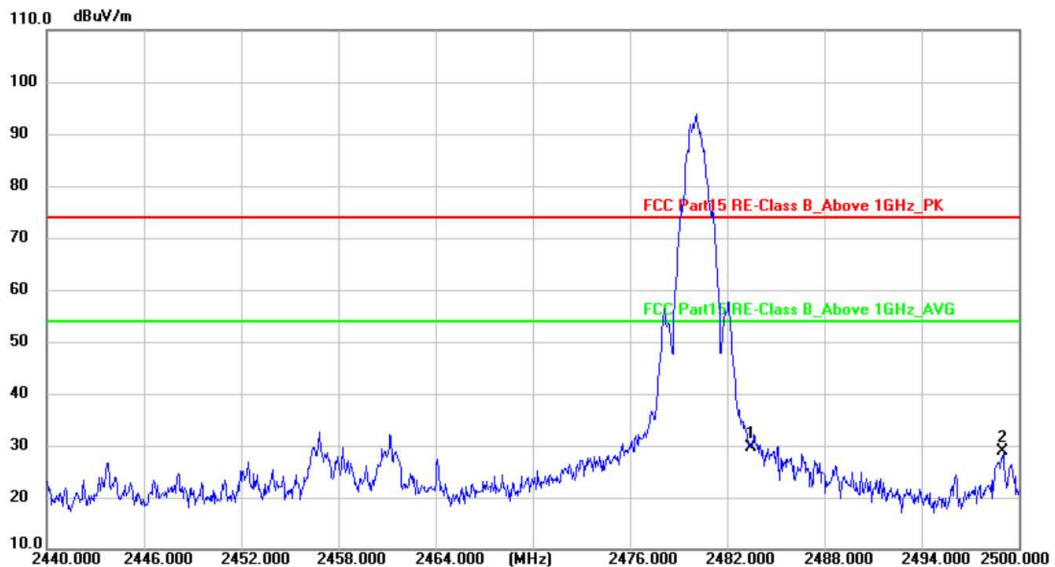
Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2480MHz
Test Voltage: DC 3.6V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang
Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/9/1

11:30:30



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2483.500	55.45	-25.84	29.61	74.00	-44.39	peak			P	
2	2499.077	54.74	-25.78	28.96	74.00	-45.04	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



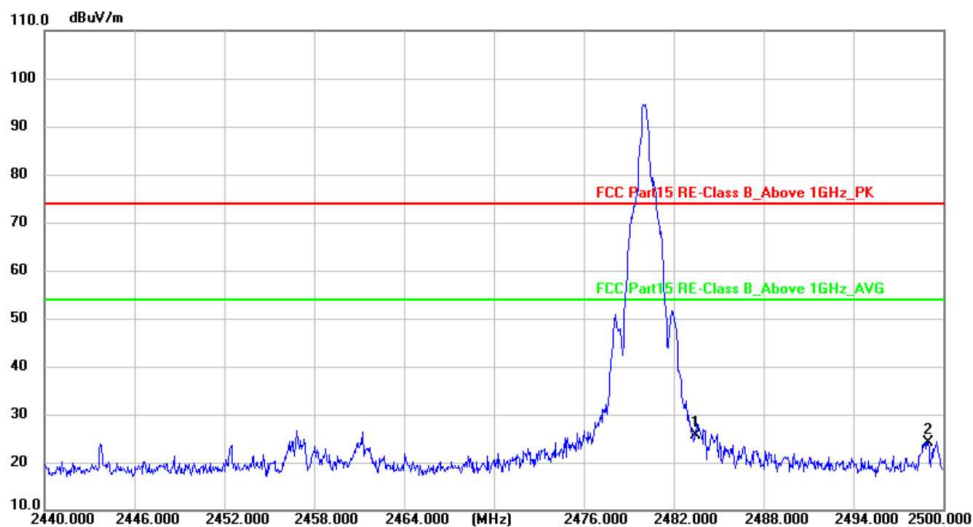
Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: WIRELESS BLE/LORA TEMPERATURE
M/N: 7911N-EX-A-A0
Test Mode: BLE 2M 2480MHz
Test Voltage: DC 3.6V
Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang
Temperature: 26 °C
Humidity: 54 %RH
Note:

Radiated Emission Measurement

Test Date: 2024/9/1

11:35:09



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2483.500	51.41	-25.84	25.57	74.00	-48.43	peak			P	
2	2499.003	49.99	-25.78	24.21	74.00	-49.79	peak			P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit