



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

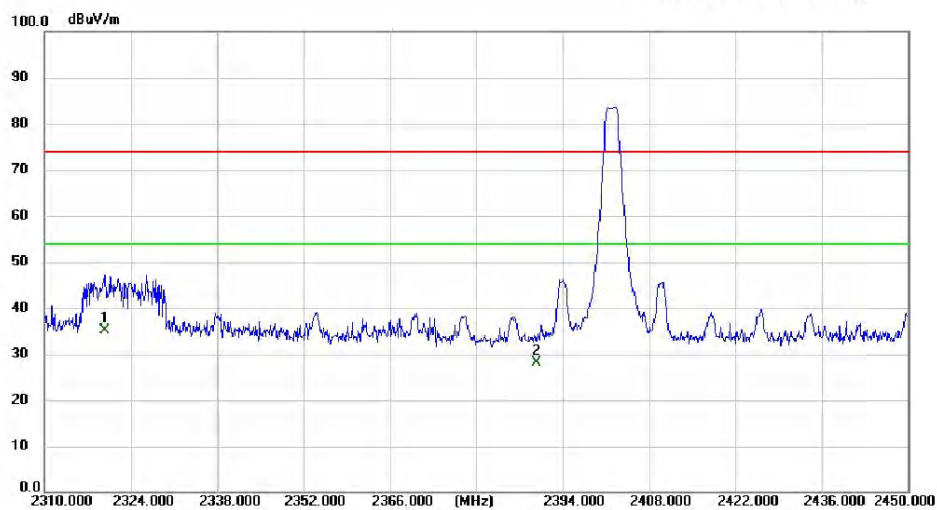
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 9:41:48



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 *	2319.800	59.27	-24.12	35.15	54.00	-18.85	AVG	150	156	P	
2	2390.000	52.00	-23.89	28.11	54.00	-25.89	AVG	150	165	P	

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



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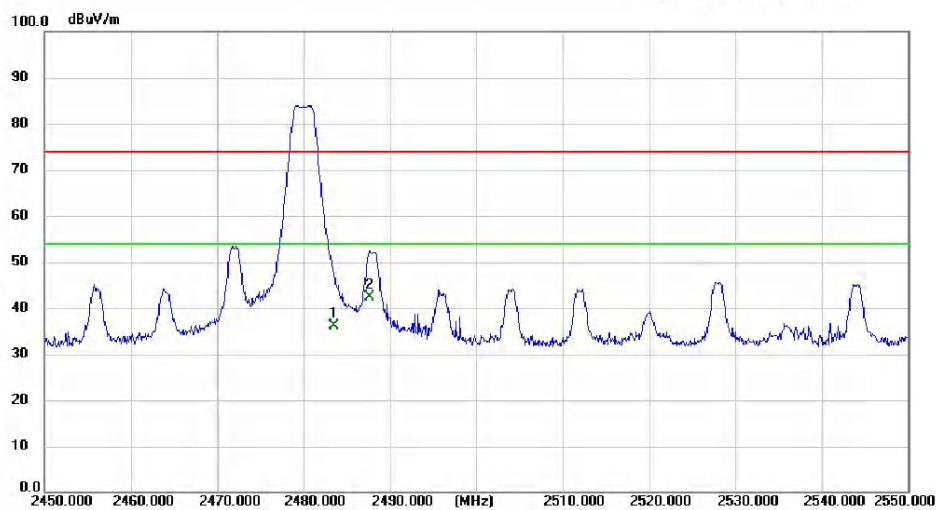
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 9:46:02



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	2483.500	59.74	-23.58	36.16	54.00	-17.84	AVG	150	208	P	
2 *	2487.750	66.07	-23.57	42.50	54.00	-11.50	AVG	150	142	P	

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



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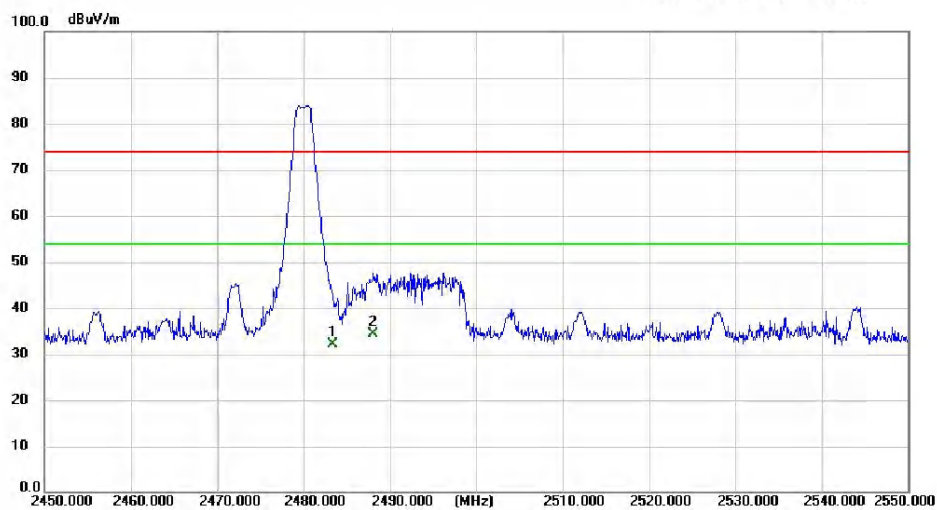
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 9:51:28



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	2483.500	55.71	-23.58	32.13	54.00	-21.87	AVG	150	150	P	
2 *	2488.175	57.93	-23.57	34.36	54.00	-19.64	AVG	150	215	P	

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

For ANT2 Base plate1

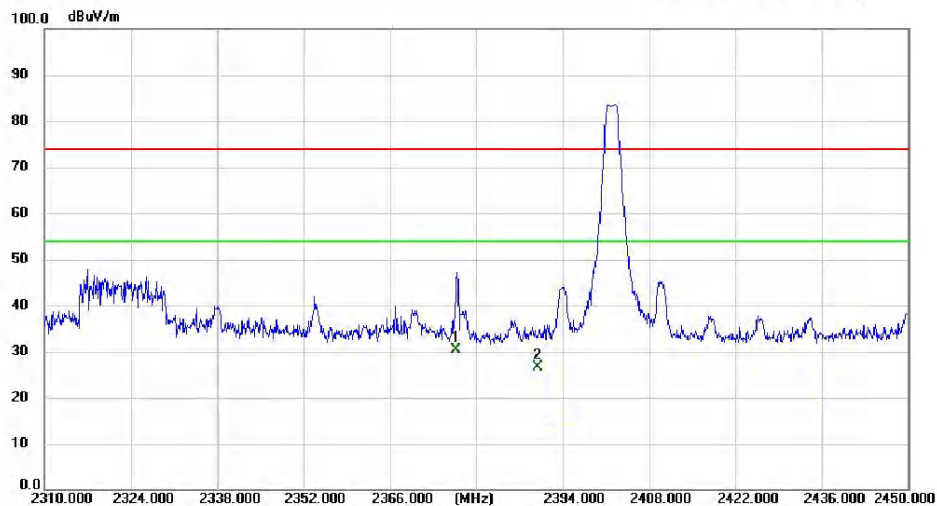


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: BLE & Thread Module Distance: 3m Humidity: 54 %RH
M/N: BLE & Thread Module Test Engineer: Felix
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 10:21:07



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 *	2376.972	54.18	-23.92	30.26	54.00	-23.74	AVG	150	282	P	
2	2390.000	50.41	-23.89	26.52	54.00	-27.48	AVG	150	359	P	

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



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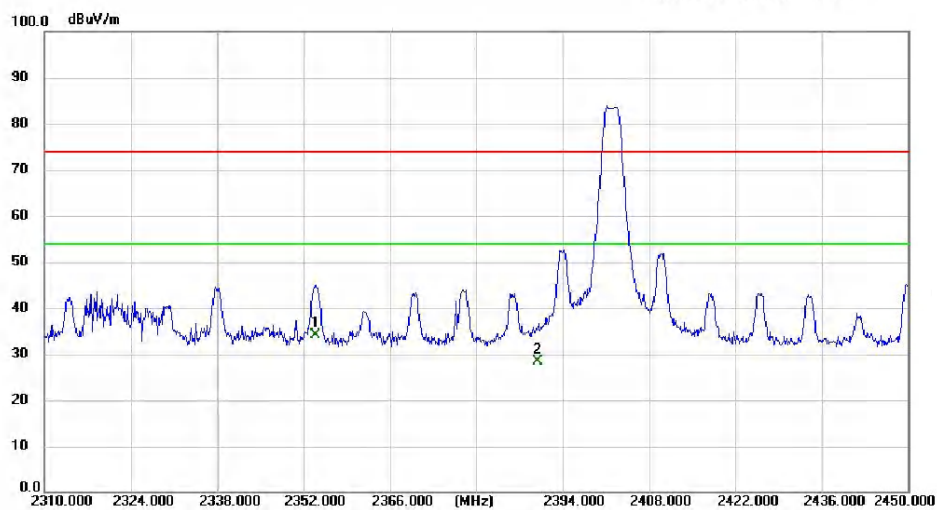
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 10:27:41



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 *	2354.030	58.06	-24.01	34.05	54.00	-19.95	AVG	150	215	P	
2	2390.000	52.35	-23.89	28.46	54.00	-25.54	AVG	150	321	P	

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



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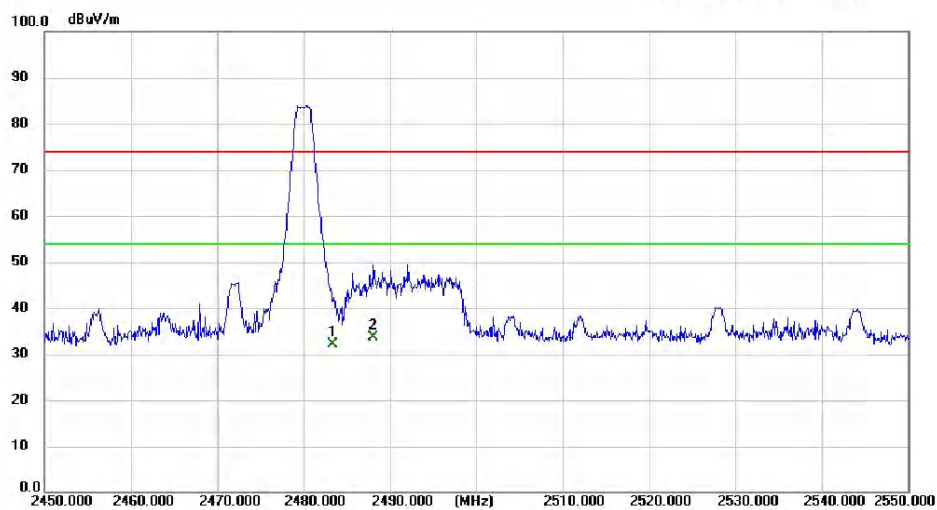
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 10:33:35



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	55.73	-23.58	32.15	54.00	-21.85	AVG	150	168	P	
2 *	2488.125	57.22	-23.57	33.65	54.00	-20.35	AVG	150	215	P	

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



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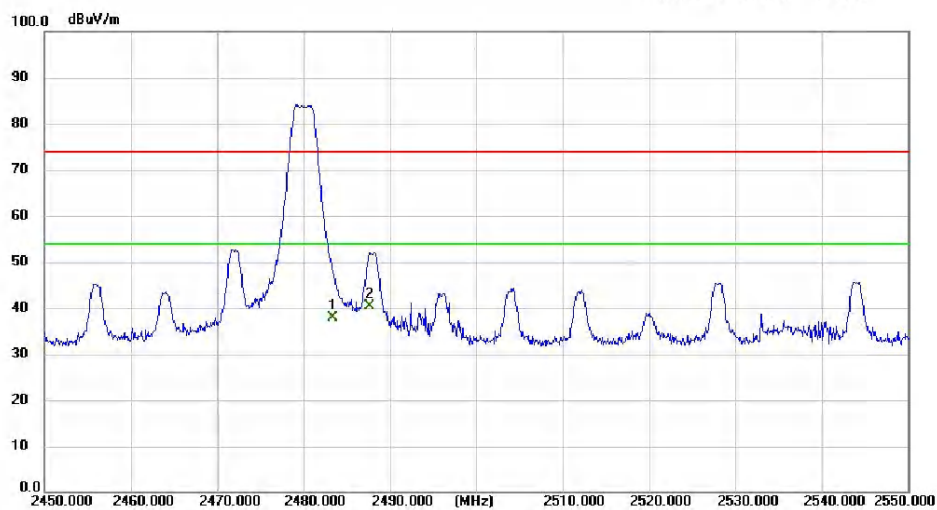
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 10:38:24



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	61.54	-23.58	37.96	54.00	-16.04	AVG	150	214	P	
2 *	2487.688	63.83	-23.57	40.26	54.00	-13.74	AVG	150	259	P	

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

For ANT3 Base plate2

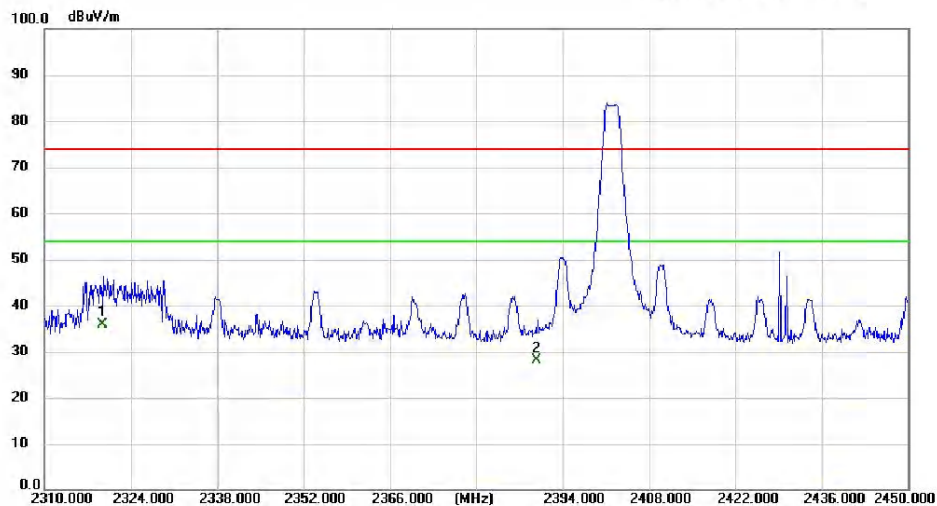


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: BLE & Thread Module Distance: 3m Humidity: 54 %RH
M/N: BLE & Thread Module Test Engineer: Felix
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 11:17:07



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 *	2319.642	59.99	-24.13	35.86	54.00	-18.14	AVG	150	168	P	
2	2390.000	52.04	-23.89	28.15	54.00	-25.85	AVG	150	155	P	

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



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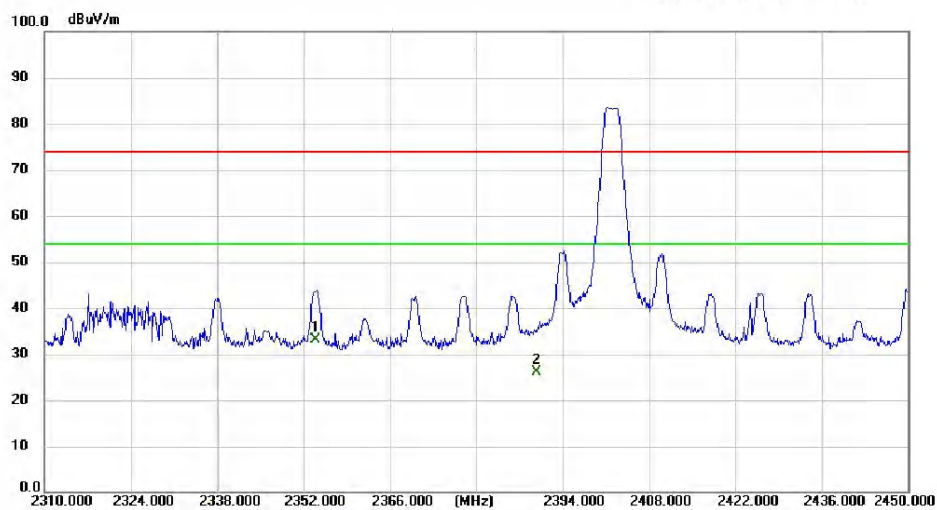
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2402MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 11:24:36



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 *	2354.222	57.16	-24.01	33.15	54.00	-20.85	AVG	150	169	P	
2	2390.000	50.04	-23.89	26.15	54.00	-27.85	AVG	150	124	P	

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



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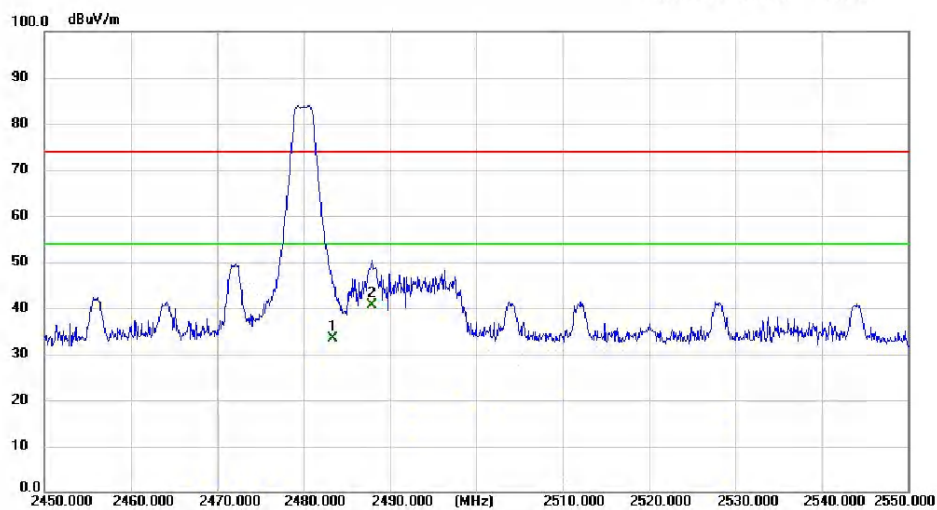
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 11:33:25



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	2483.500	56.84	-23.58	33.26	54.00	-20.74	AVG	150	255	P	
2 *	2487.975	64.22	-23.57	40.65	54.00	-13.35	AVG	150	52	P	

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



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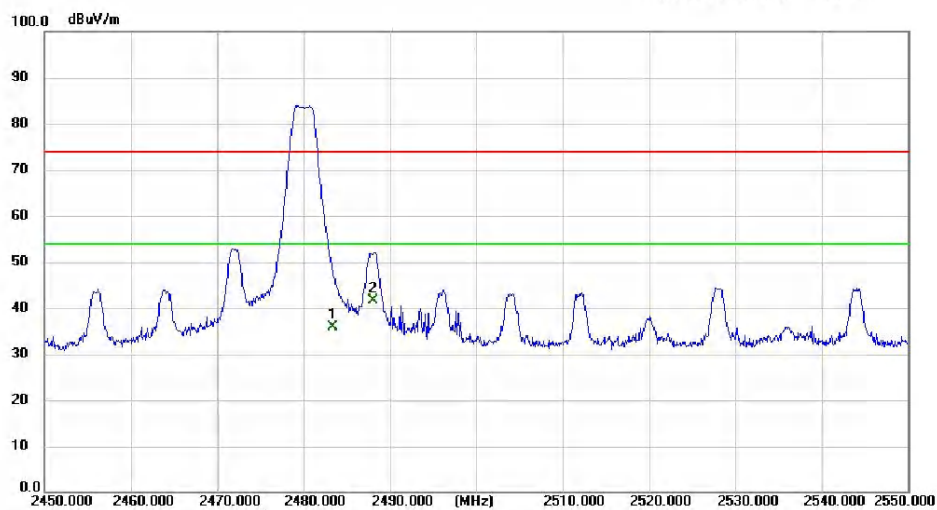
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 11:37:17



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	2483.500	59.44	-23.58	35.86	54.00	-18.14	AVG	150	216	P	
2 *	2488.262	65.20	-23.57	41.63	54.00	-12.37	AVG	150	154	P	

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

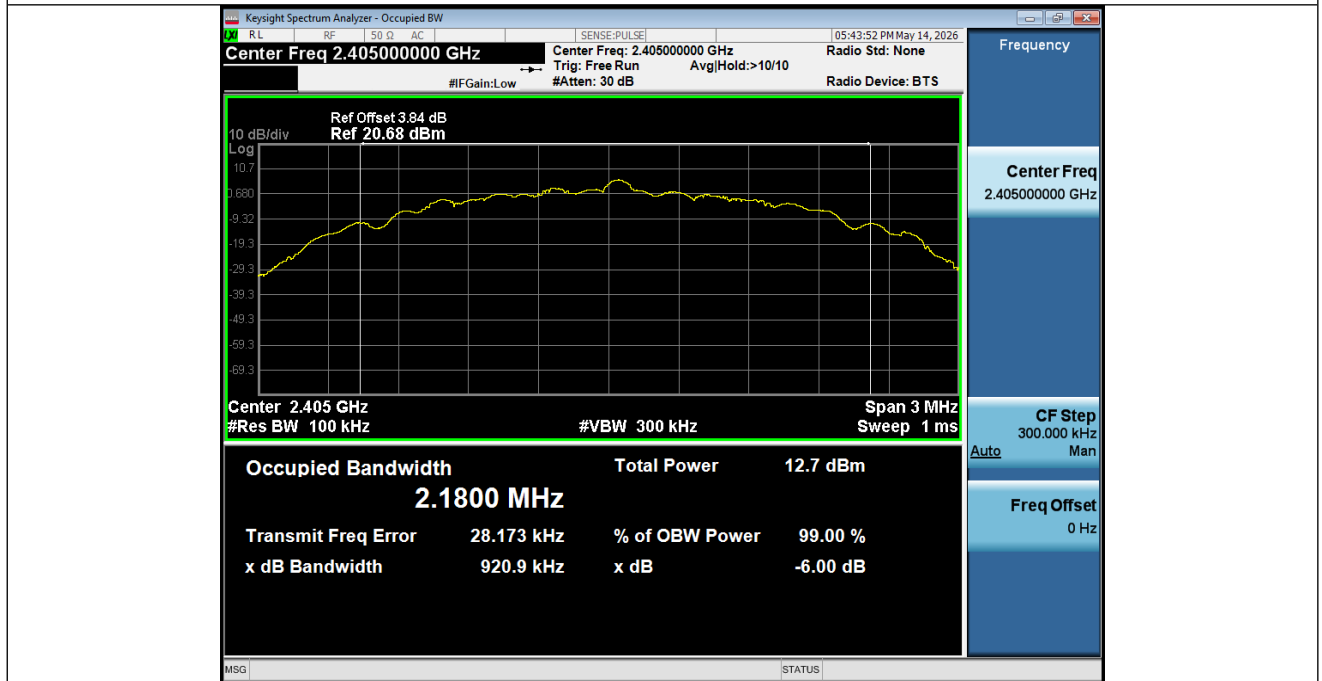
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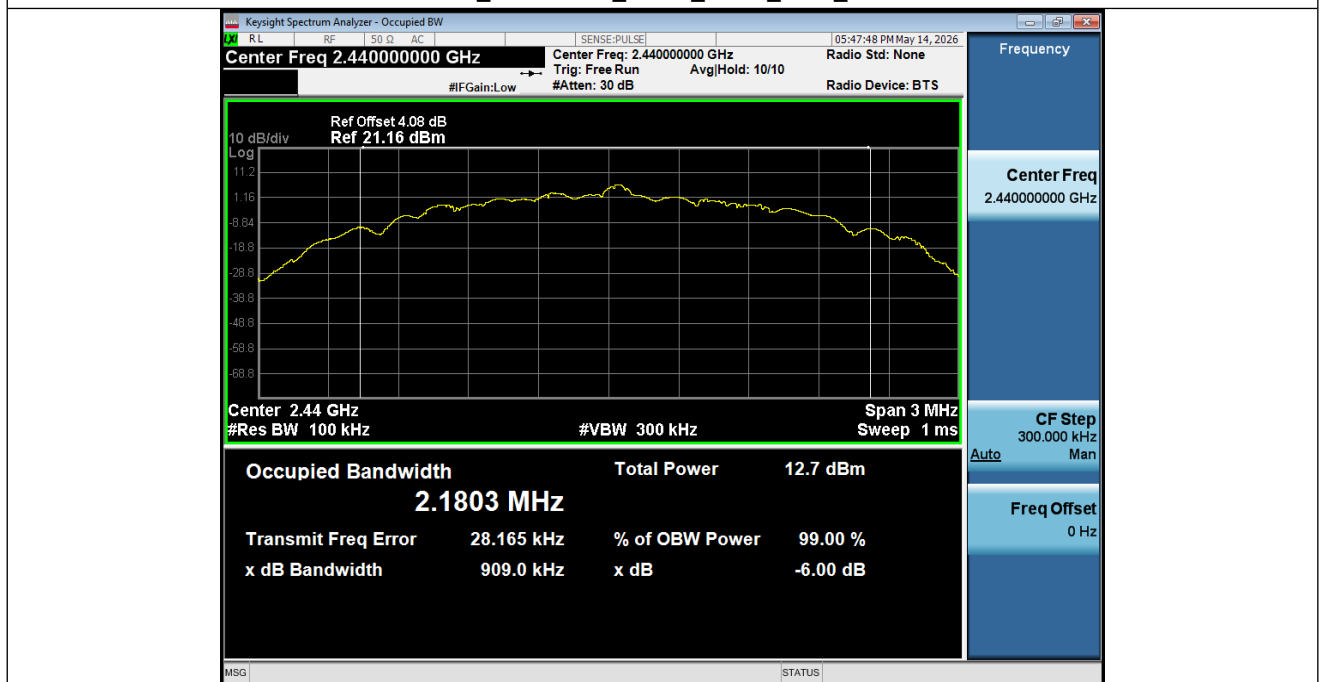
Appendix B.1: Test Results of 6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	User	2405.00	920.88	500	Pass
NVNT	ANT1	User	2440.00	909.01	500	Pass
NVNT	ANT1	User	2480.00	922.03	500	Pass

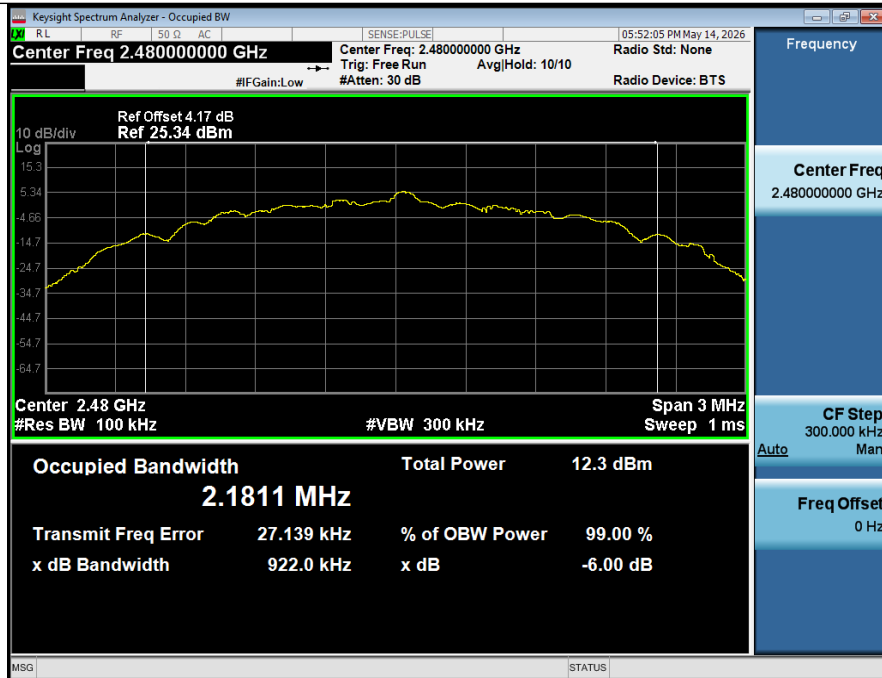
-6dB_Bandwidth_NVNT_ANT1_User_2405



-6dB_Bandwidth_NVNT_ANT1_User_2440



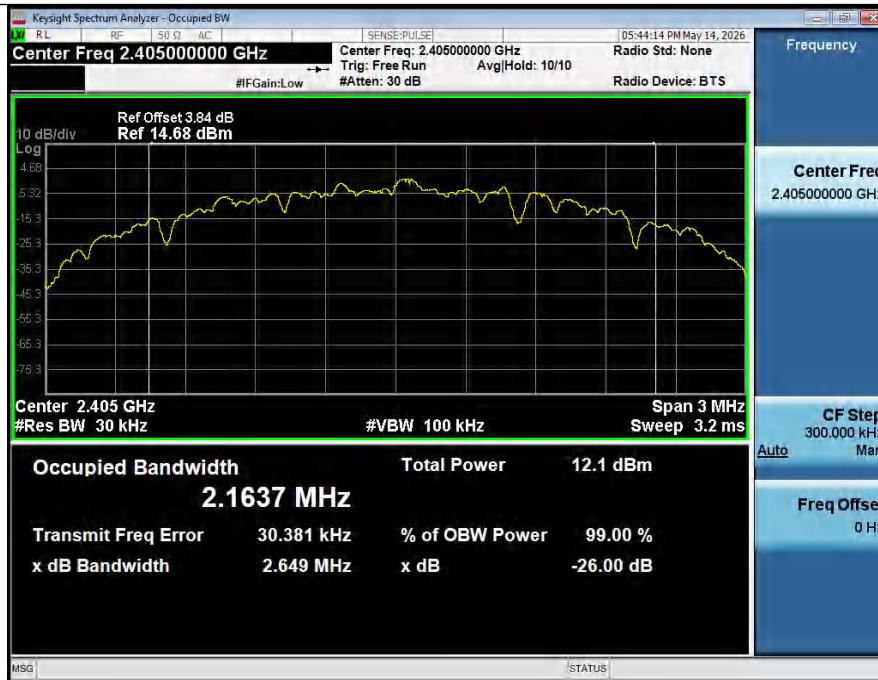
-6dB_Bandwidth_NVNT_ANT1_User_2480



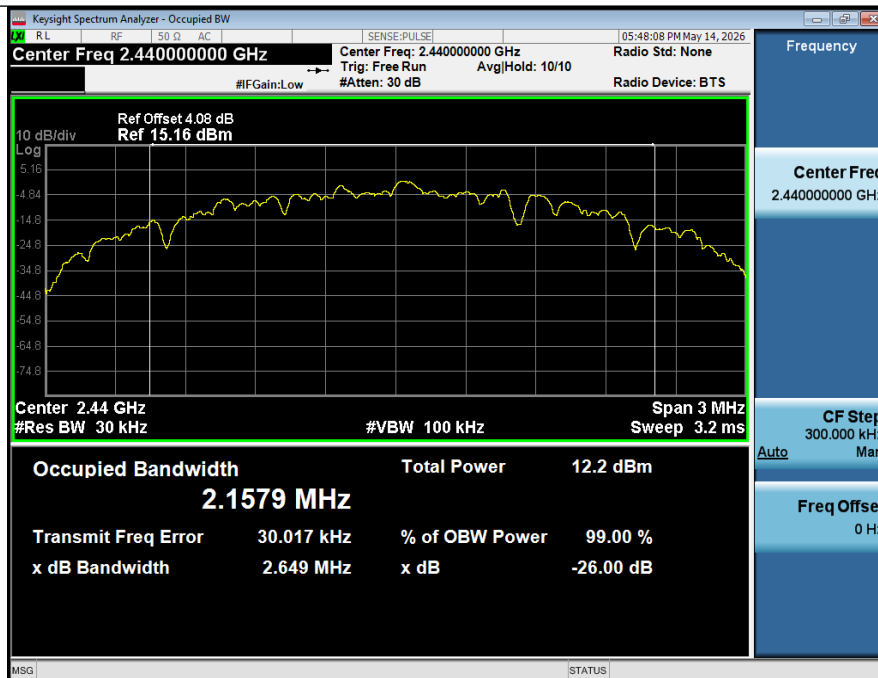
Appendix B.2: Test Results of 99% Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	User	2405.00	2.164
NVNT	ANT1	User	2440.00	2.158
NVNT	ANT1	User	2480.00	2.161

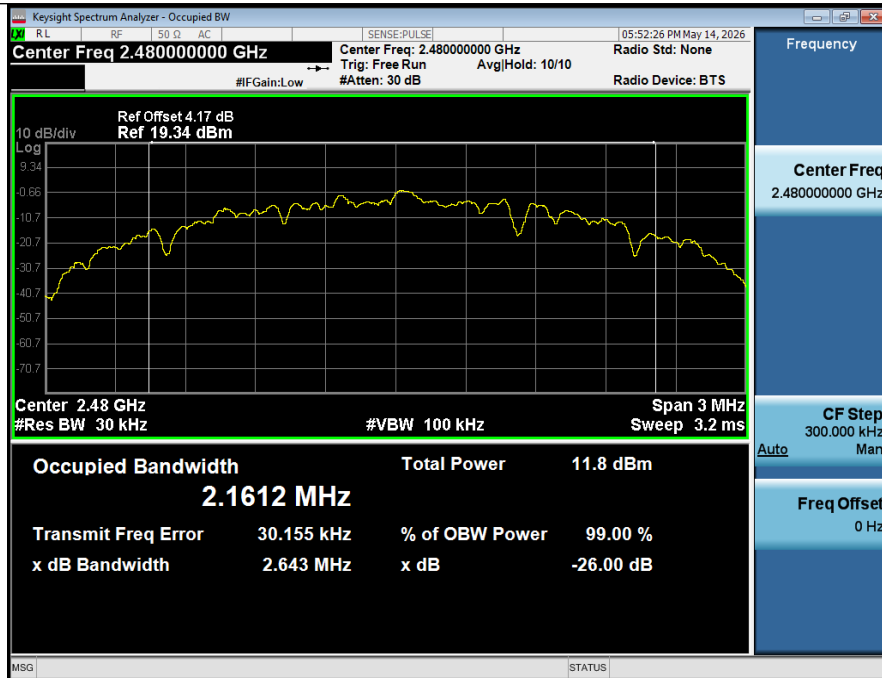
99%_Occupied_Bandwidth_NVNT_ANT1_User_2405



99%_Occupied_Bandwidth_NVNT_ANT1_User_2440



99%_Occupied_Bandwidth_NVNT_ANT1_User_2480



Appendix B.3: Test Results of Peak Conducted Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	User	2405.00	6.61	4.58	1000	Pass
NVNT	ANT1	User	2440.00	6.62	4.59	1000	Pass
NVNT	ANT1	User	2480.00	6.23	4.20	1000	Pass

Peak_Output_Power_NVNT_ANT1_User_2405



Peak_Output_Power_NVNT_ANT1_User_2440



Peak_Output_Power_NVNT_ANT1_User_2480



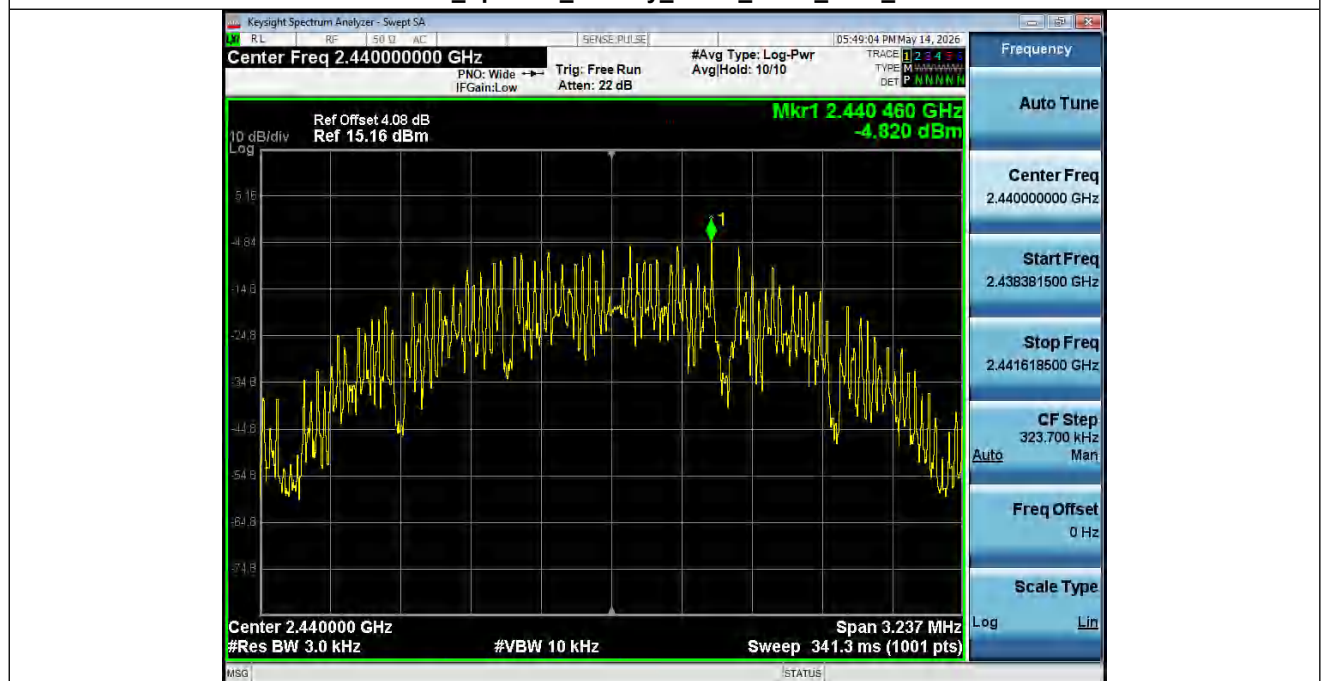
Appendix B.4: Test Results of Conducted Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	User	2405.00	-4.82	8	Pass
NVNT	ANT1	User	2440.00	-4.82	8	Pass
NVNT	ANT1	User	2480.00	-5.18	8	Pass

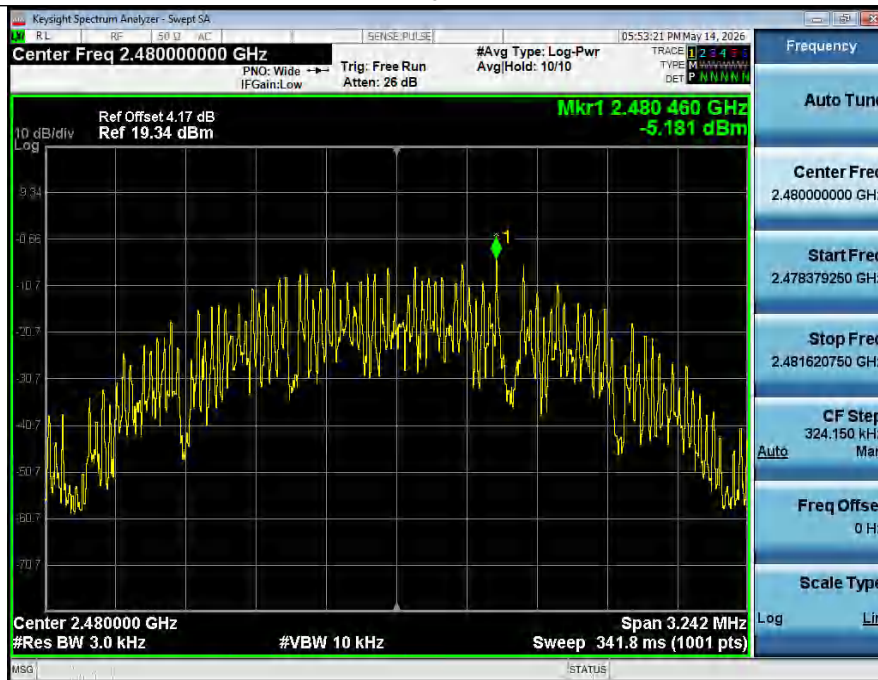
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Power_Spectral_Density_NVNT_ANT1_User_2440



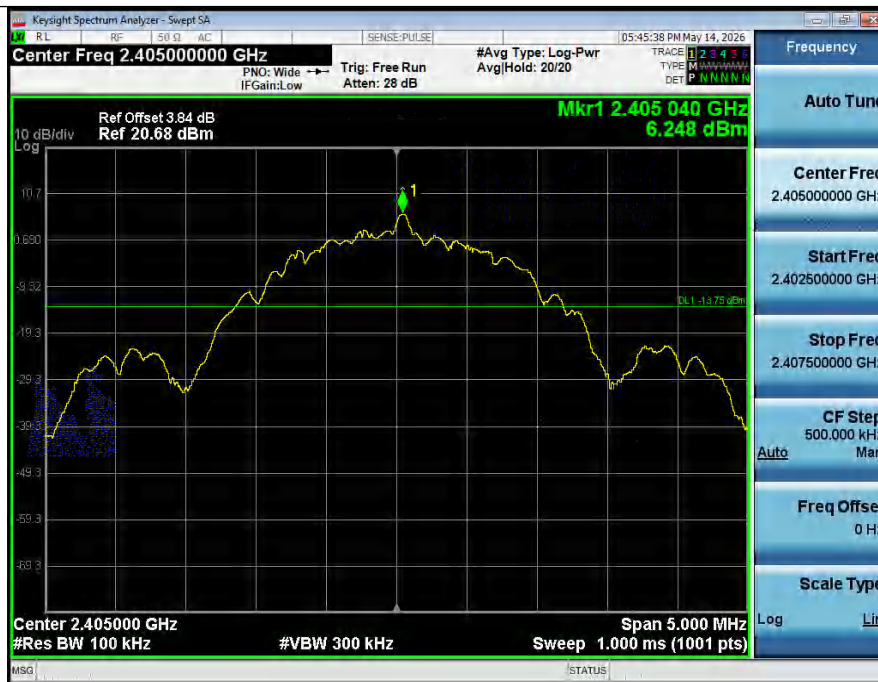
Power_Spectral_Density_NVNT_ANT1_User_2480



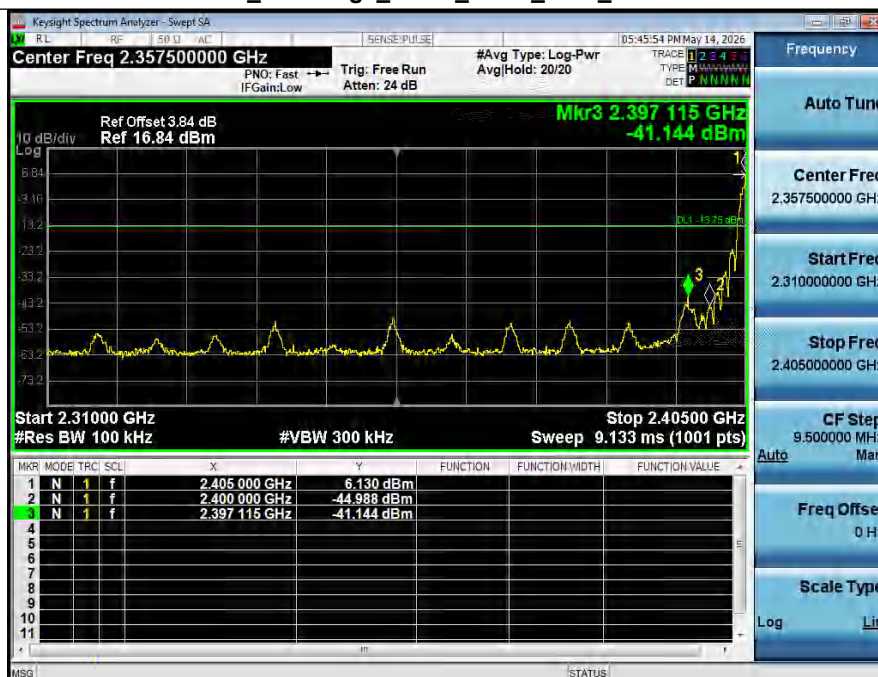
Appendix B.5: Test Results of Band Edge Measurements

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	User	2405.00	2397.115	6.248	-41.144	-13.752	Pass
NVNT	ANT1	User	2480.00	2483.950	6.008	-38.179	-13.992	Pass

1_Reference_Level_NVNT_ANT1_User_2405



2_Bandedge_NVNT_ANT1_User_2405



1_Reference_Level_NVNT_ANT1_User_2480



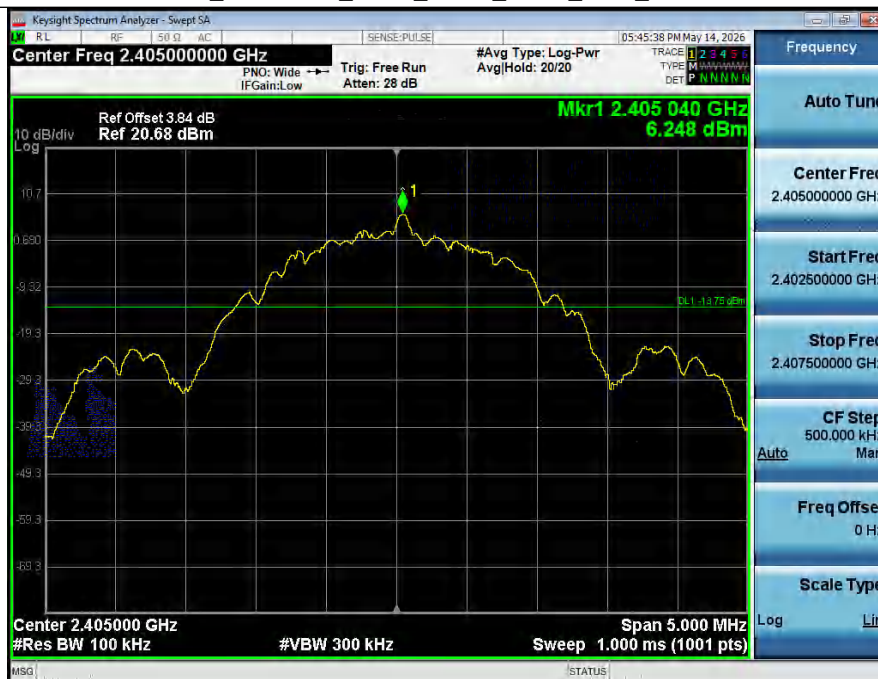
2_Bandedge_NVNT_ANT1_User_2480



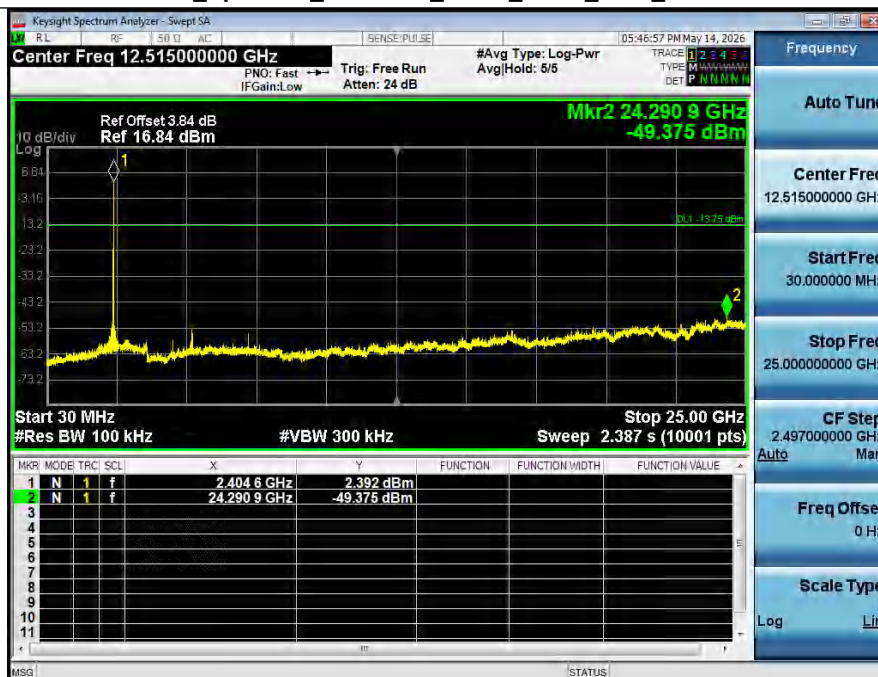
Appendix B.6: Test Results of Conducted Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	User	2405.00	6.248	-49.375	-13.752	Pass
NVNT	ANT1	User	2440.00	6.306	-49.156	-13.694	Pass
NVNT	ANT1	User	2480.00	6.008	-45.172	-13.992	Pass

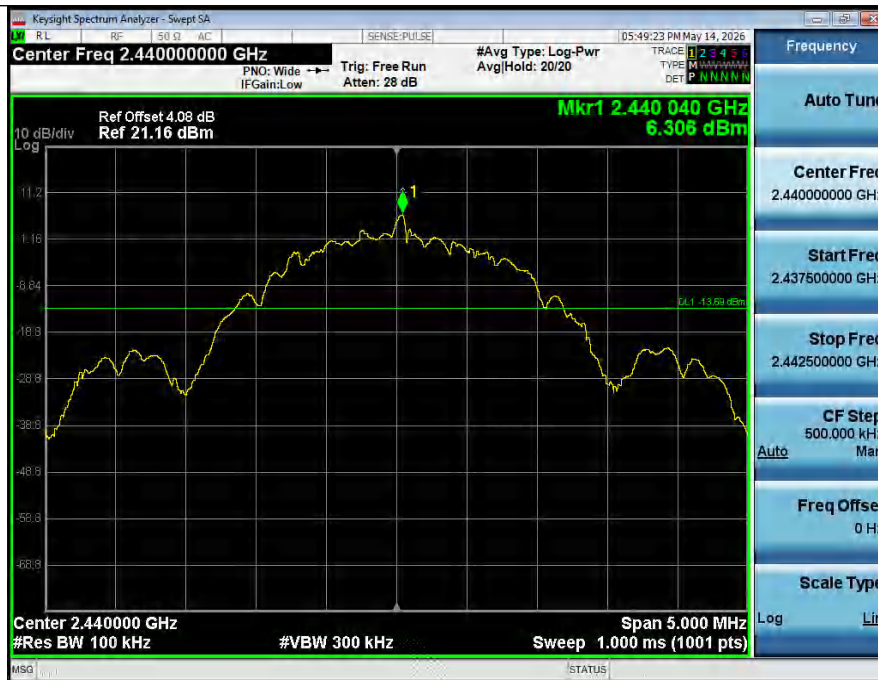
1_Reference_Level_NVNT_ANT1_User_2405



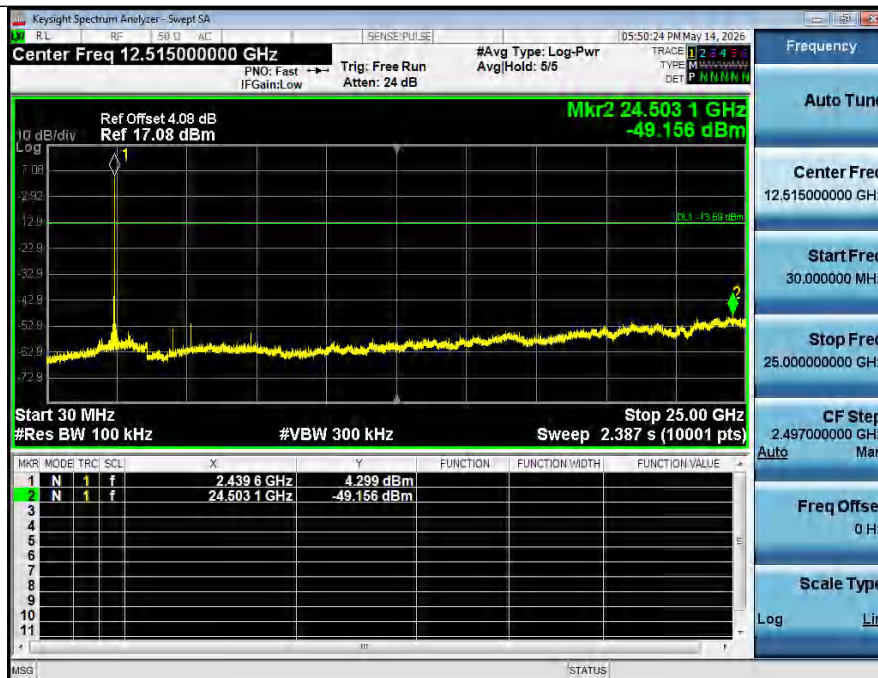
2_Spurious_Emission_NVNT_ANT1_User_2405



1_Reference_Level_NVNT_ANT1_User_2440



2_Spurious_Emission_NVNT_ANT1_User_2440



1_Reference_Level_NVNT_ANT1_User_2480



2_Spurious_Emission_NVNT_ANT1_User_2480



Appendix B.7: 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.

30MHz - 1GHz for ANT1 Base plate1

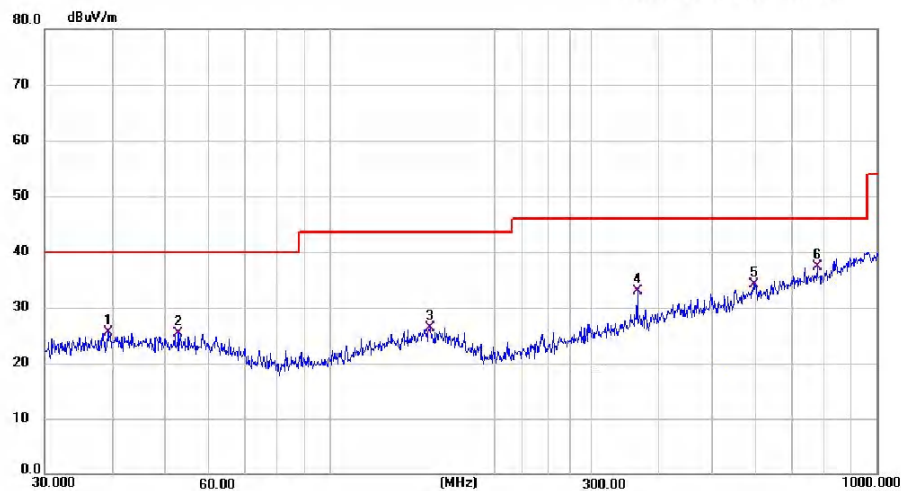


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: BLE & Thread Module	Distance:	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 17:18:14



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	39.1616	11.28	14.15	25.43	40.00	-14.57	QP	200	125	P	
2	52.7600	11.74	13.60	25.34	40.00	-14.66	QP	200	315	P	
3	152.1297	11.19	15.21	26.40	43.50	-17.10	QP	200	158	P	
4	364.2595	16.09	16.85	32.94	46.00	-13.06	QP	200	189	P	
5	595.1329	12.19	21.96	34.15	46.00	-11.85	QP	200	258	P	
6 *	776.8778	12.42	24.86	37.28	46.00	-8.72	QP	200	327	P	

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



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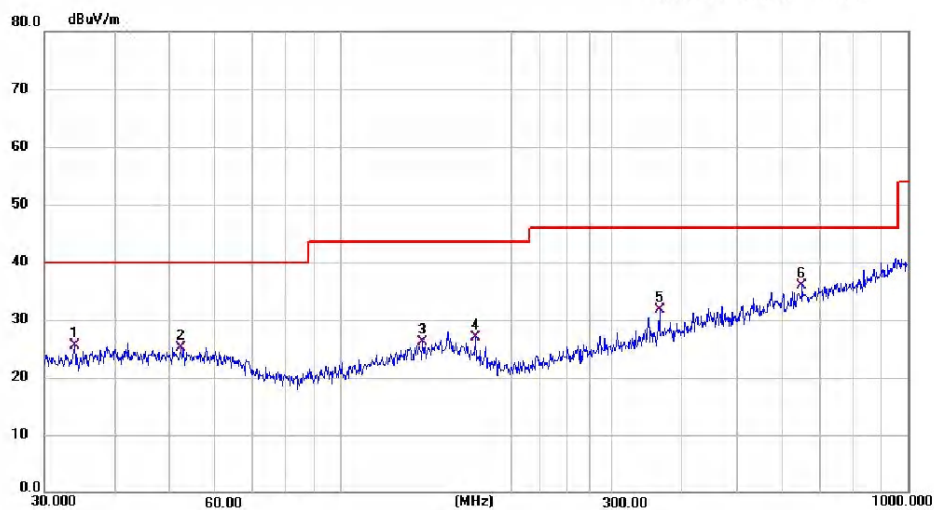
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

Polarization: **Vertical**
Distance:
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 17:23:26



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	33.9174	12.05	13.52	25.57	40.00	-14.43	QP	100	152	P	
2	52.2079	11.55	13.64	25.19	40.00	-14.81	QP	100	151	P	
3	139.3613	11.62	14.42	26.04	43.50	-17.46	QP	100	265	P	
4	172.5988	12.87	13.95	26.82	43.50	-16.68	QP	100	312	P	
5	364.2595	14.84	16.85	31.69	46.00	-14.31	QP	100	58	P	
6 *	649.6597	12.85	22.98	35.83	46.00	-10.17	QP	100	354	P	

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

1GHz - 18GHz for ANT1 Base plate1

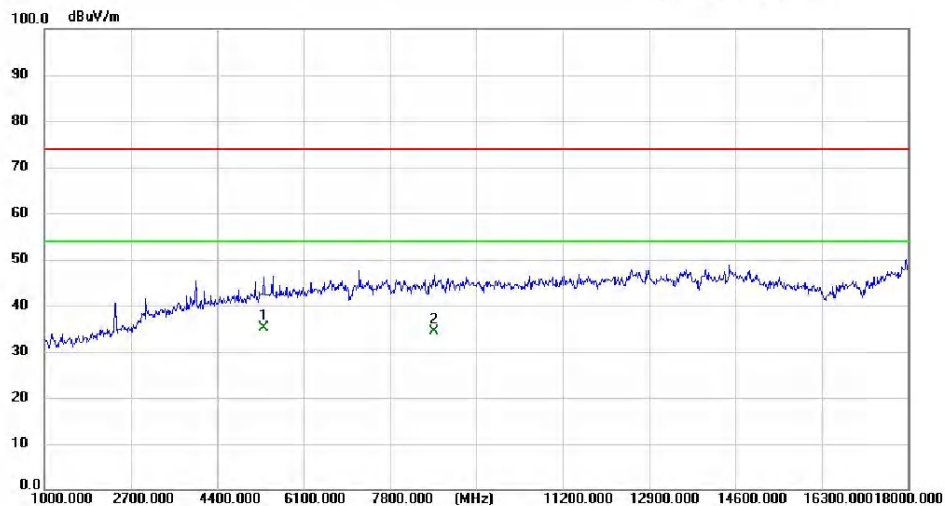


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 13:18:49



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 *	5318.000	56.26	-21.14	35.12	54.00	-18.88	AVG	150	9	P	
2	8677.625	50.82	-16.56	34.26	54.00	-19.74	AVG	150	276	P	

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



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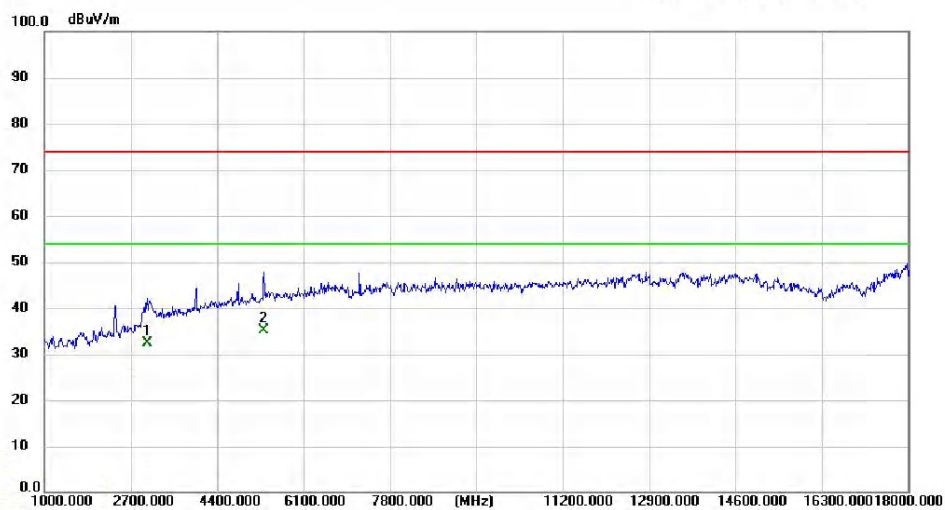
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 13:23:07



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	3033.625	59.81	-27.55	32.26	54.00	-21.74	AVG	150	286	P	
2 *	5330.750	56.24	-21.12	35.12	54.00	-18.88	AVG	150	314	P	

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

File: RSE-底板1-短天线 (BLE+Thread) \Data

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Engineer Signature:



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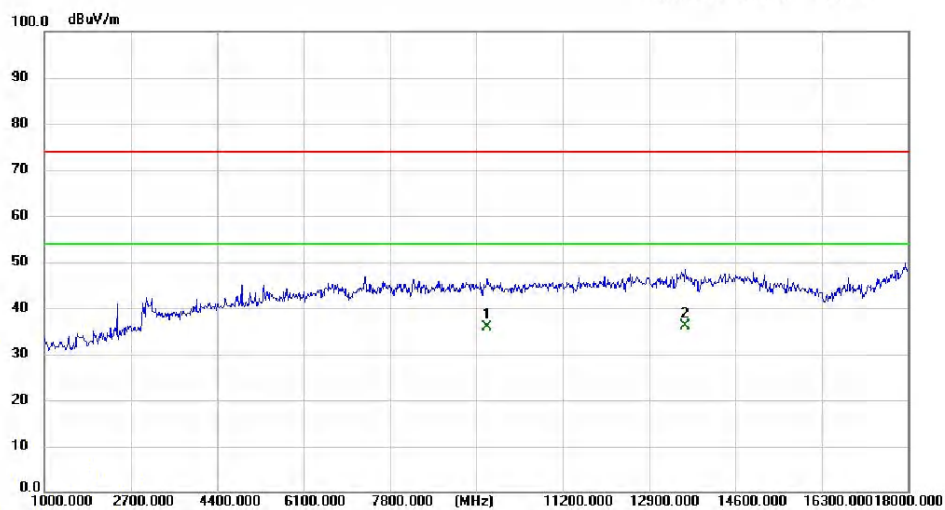
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 13:30:48



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	9723.125	52.03	-16.19	35.84	54.00	-18.16	AVG	150	208	P	
2 *	13626.750	49.51	-13.36	36.15	54.00	-17.85	AVG	150	199	P	

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

File: RSE-底板1-短天线 (BLE+Thread) \Data

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Engineer Signature:



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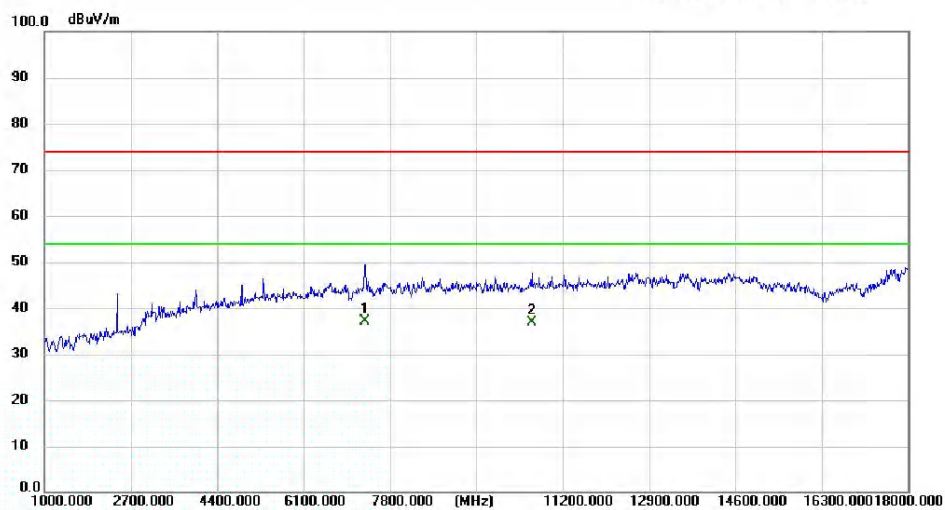
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 13:33:09



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 *	7321.875	54.40	-17.18	37.22	54.00	-16.78	AVG	150	168	P	
2	10590.125	52.40	-15.49	36.91	54.00	-17.09	AVG	150	256	P	

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

File: RSE-底板1-短天线 (BLE+Thread) \Data

Page: 1

Engineer Signature:



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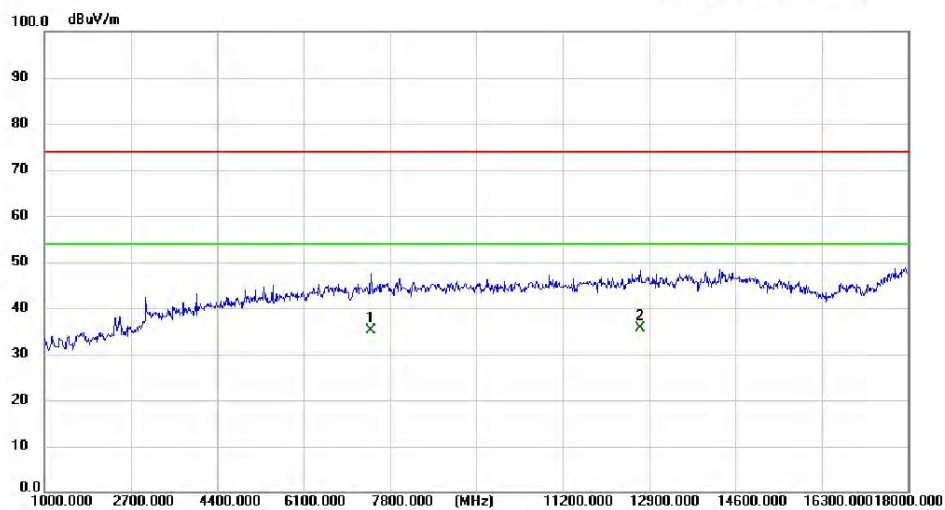
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 13:37:35



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	7438.750	52.28	-17.12	35.16	54.00	-18.84	AVG	150	115	P	
2 *	12742.750	49.76	-14.07	35.69	54.00	-18.31	AVG	150	189	P	

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



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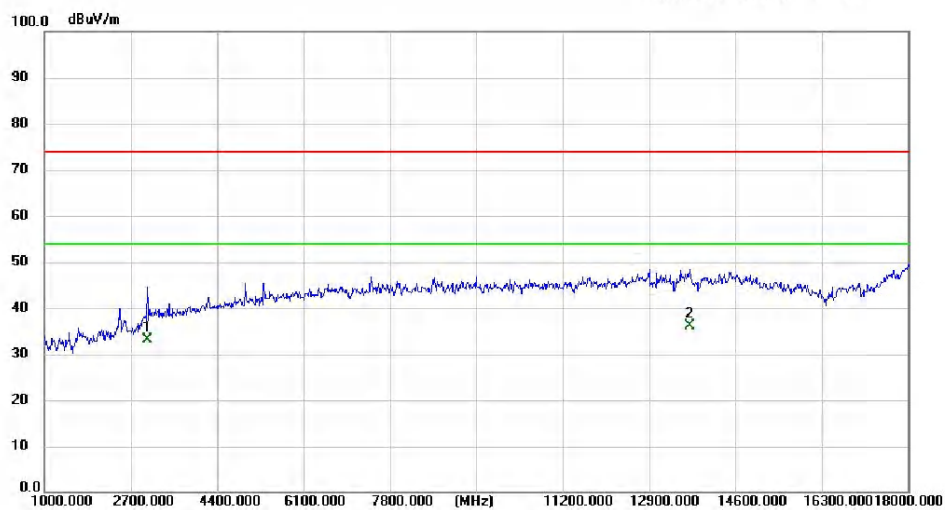
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 13:42:03



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	3023.000	60.78	-27.58	33.20	54.00	-20.80	AVG	150	254	P	
2 *	13711.750	49.46	-13.31	36.15	54.00	-17.85	AVG	150	360	P	

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

30MHz - 1GHz for ANT2 Base plate1



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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: BLE & Thread Module Distance: Humidity: 54 %RH
M/N: BLE & Thread Module Test Engineer: Felix
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 17:37:32



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	40.4172	11.45	14.25	25.70	40.00	-14.30	QP	200	162	P	
2	54.6429	12.24	13.51	25.75	40.00	-14.25	QP	200	322	P	
3	123.2655	11.86	13.38	25.24	43.50	-18.26	QP	200	328	P	
4	158.1123	12.03	15.18	27.21	43.50	-16.29	QP	200	58	P	
5 *	364.2595	17.48	16.85	34.33	46.00	-11.67	QP	200	262	P	
6	457.5073	12.12	19.22	31.34	46.00	-14.66	QP	200	327	P	

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



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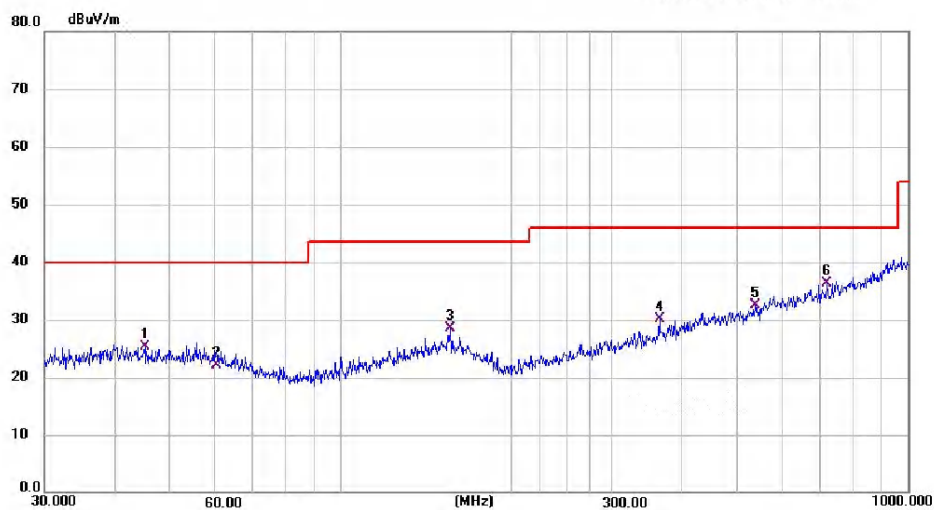
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

Polarization: **Vertical**
Distance:
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 17:41:11



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	45.0583	11.34	13.91	25.25	40.00	-14.75	QP	100	205	P	
2	60.2801	8.81	13.20	22.01	40.00	-17.99	QP	100	132	P	
3	155.9101	13.26	15.19	28.45	43.50	-15.05	QP	100	215	P	
4	364.2595	13.27	16.85	30.12	46.00	-15.88	QP	100	162	P	
5	537.5891	11.70	20.74	32.44	46.00	-13.56	QP	100	182	P	
6 *	719.1995	12.28	24.09	36.37	46.00	-9.63	QP	100	285	P	

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

1GHz - 18GHz for ANT2 Base plate1

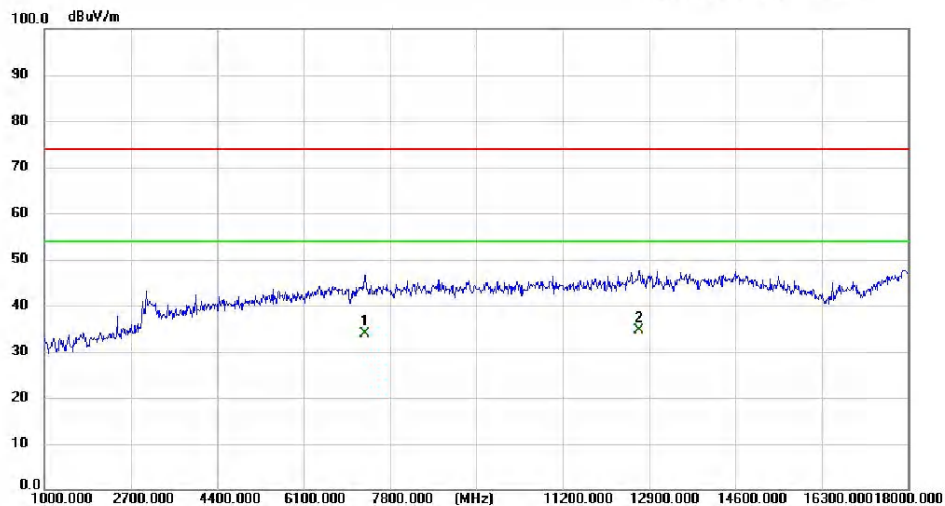


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 14:57:14



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	7319.750	51.03	-17.18	33.85	54.00	-20.15	AVG	150	206	P	
2 *	12713.000	48.73	-14.10	34.63	54.00	-19.37	AVG	150	184	P	

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



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Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 15:05:40



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	8435.375	50.88	-16.62	34.26	54.00	-19.74	AVG	150	255	P	
2 *	14523.500	48.82	-13.26	35.56	54.00	-18.44	AVG	150	315	P	

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

File: RSE-底板1-长天线 (BLE+Thread) \Data

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Engineer Signature:



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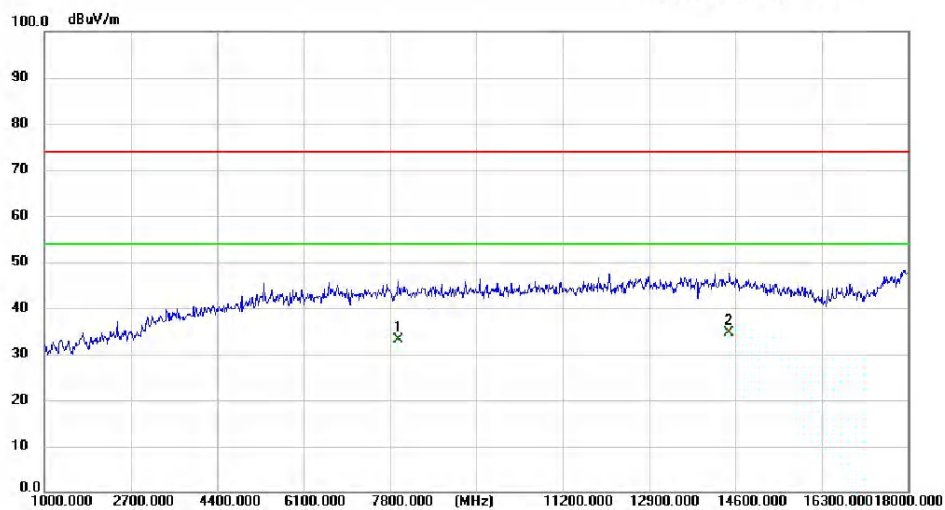
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 15:10:45



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	7978.500	49.90	-16.75	33.15	54.00	-20.85	AVG	150	206	P	
2 *	14483.125	47.92	-13.27	34.65	54.00	-19.35	AVG	150	54	P	

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

File: RSE-底板1-长天线 (BLE+Thread) \Data

Page: 1

Engineer Signature:



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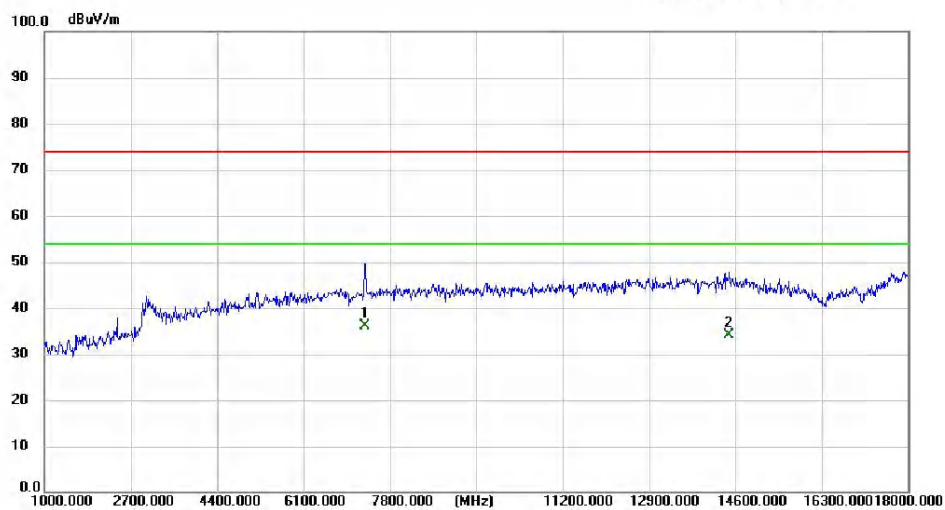
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 15:12:15



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 *	7319.750	53.33	-17.18	36.15	54.00	-17.85	AVG	150	206	P	
2	14483.125	47.47	-13.27	34.20	54.00	-19.80	AVG	150	115	P	

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

File: RSE-底板1-长天线 (BLE+Thread) \Data

Page: 1

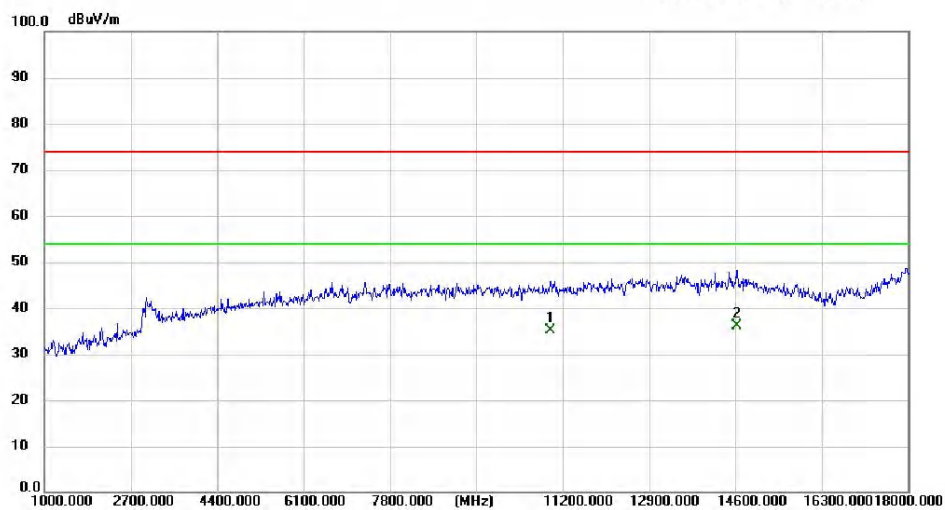
Engineer Signature:

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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: Thread 2480M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 15:18:14



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	10974.750	50.26	-15.11	35.15	54.00	-18.85	AVG	150	206	P	
2 *	14640.375	49.52	-13.30	36.22	54.00	-17.78	AVG	150	145	P	

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



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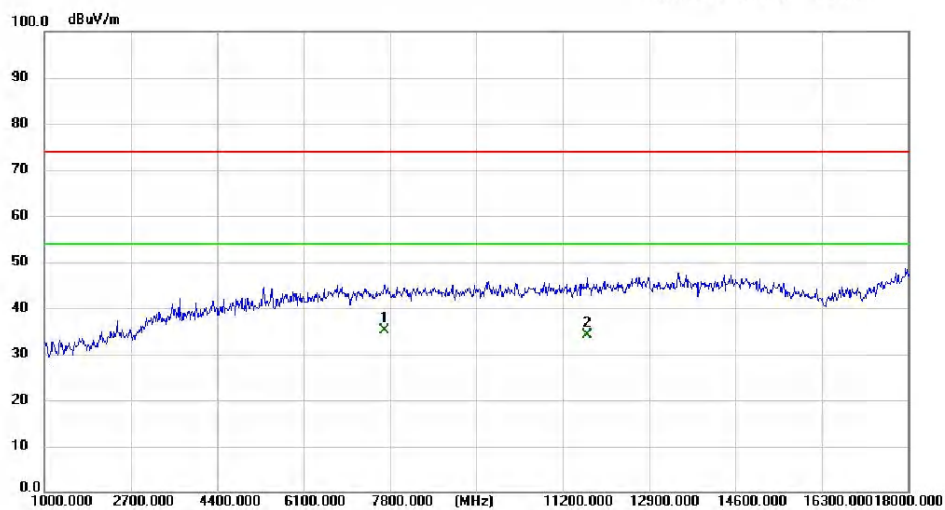
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 15:23:17



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 *	7710.750	52.08	-16.93	35.15	54.00	-18.85	AVG	150	206	P	
2	11682.375	49.08	-14.88	34.20	54.00	-19.80	AVG	150	132	P	

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

File: RSE-底板1-长天线 (BLE+Thread) \Data

Page: 1

Engineer Signature:

30MHz - 1GHz for ANT1 Base plate2

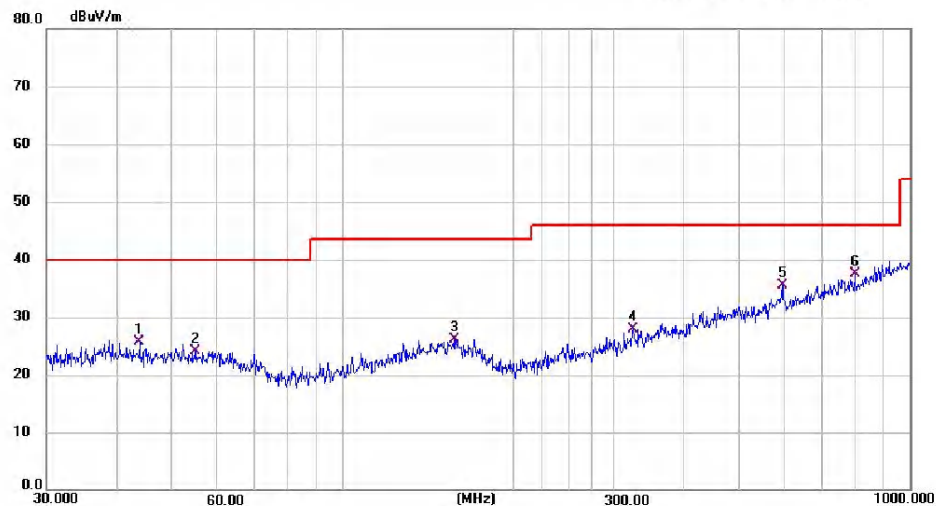


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: BLE & Thread Module Distance: Humidity: 54 %RH
M/N: BLE & Thread Module Test Engineer: Felix
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 17:55:07



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	43.8119	11.65	13.99	25.64	40.00	-14.36	QP	200	168	P	
2	55.0274	10.65	13.50	24.15	40.00	-15.85	QP	200	149	P	
3	157.0074	10.99	15.19	26.18	43.50	-17.32	QP	200	268	P	
4	324.4561	12.00	15.86	27.86	46.00	-18.14	QP	200	149	P	
5	595.1329	13.50	21.96	35.46	46.00	-10.54	QP	200	308	P	
6 *	798.9797	12.40	25.14	37.54	46.00	-8.46	QP	200	151	P	

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



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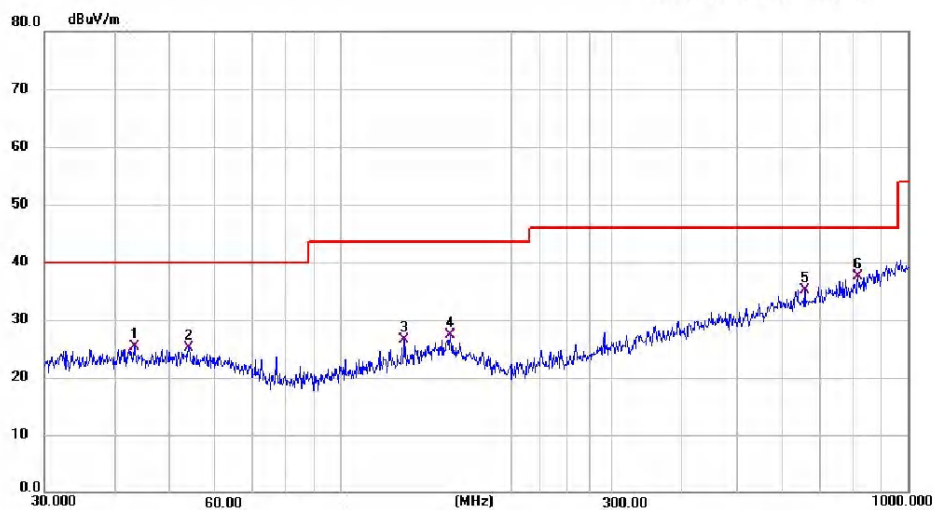
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

Polarization: **Vertical**
Distance:
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 17:59:24



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	43.2017	11.22	14.04	25.26	40.00	-14.74	QP	100	311	P	
2	53.8818	11.60	13.55	25.15	40.00	-14.85	QP	100	268	P	
3	129.4677	12.63	13.78	26.41	43.50	-17.09	QP	100	149	P	
4	155.9101	12.11	15.19	27.30	43.50	-16.20	QP	100	168	P	
5	656.5300	12.04	23.09	35.13	46.00	-10.87	QP	100	122	P	
6 *	815.9678	12.19	25.29	37.48	46.00	-8.52	QP	100	148	P	

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

1GHz - 18GHz for ANT1 Base plate2



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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 16:03:07



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 *	7215.625	52.52	-17.27	35.25	54.00	-18.75	AVG	150	125	P	
2	14746.625	47.90	-13.34	34.56	54.00	-19.44	AVG	150	158	P	

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



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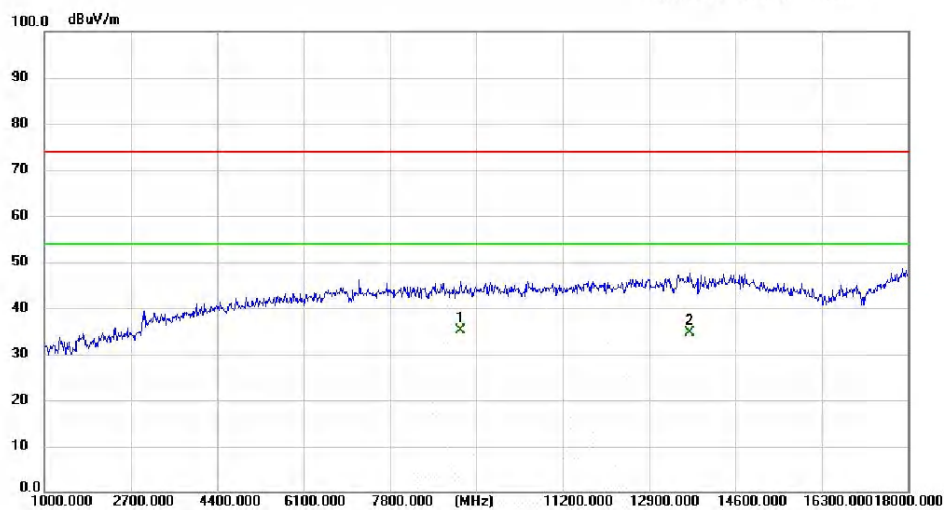
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 16:09:42



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 *	9196.125	51.61	-16.41	35.20	54.00	-18.80	AVG	150	325	P	
2	13699.000	47.85	-13.32	34.53	54.00	-19.47	AVG	150	205	P	

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

File: RSE-底板2-短天线 (BLE+Thread) \Data

Page: 1

Engineer Signature:



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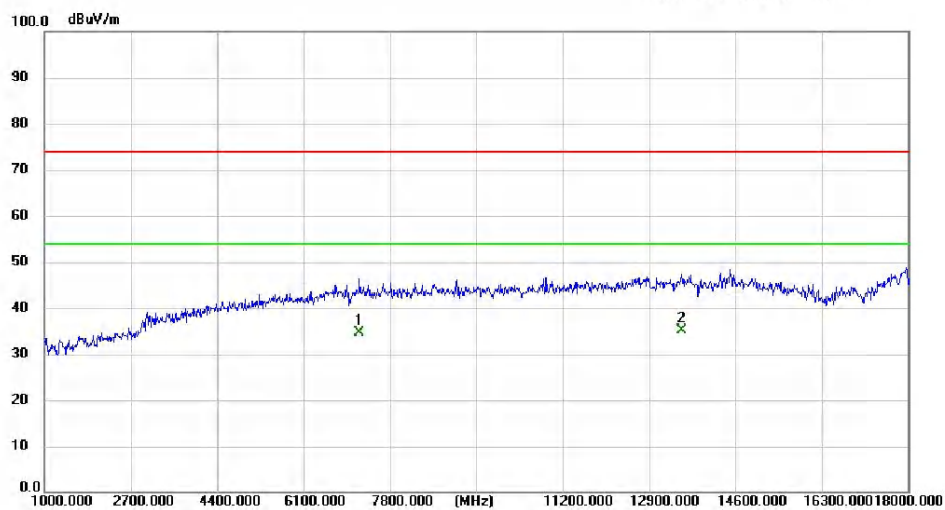
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 16:15:13



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	7215.625	51.79	-17.27	34.52	54.00	-19.48	AVG	150	253	P	
2 *	13550.250	48.63	-13.42	35.21	54.00	-18.79	AVG	150	206	P	

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

File: RSE-底板2-短天线 (BLE+Thread) \Data

Page: 1

Engineer Signature:



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Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 16:20:59



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	10823.875	49.78	-15.26	34.52	54.00	-19.48	AVG	150	206	P	
2 *	14493.750	49.51	-13.27	36.24	54.00	-17.76	AVG	150	125	P	

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



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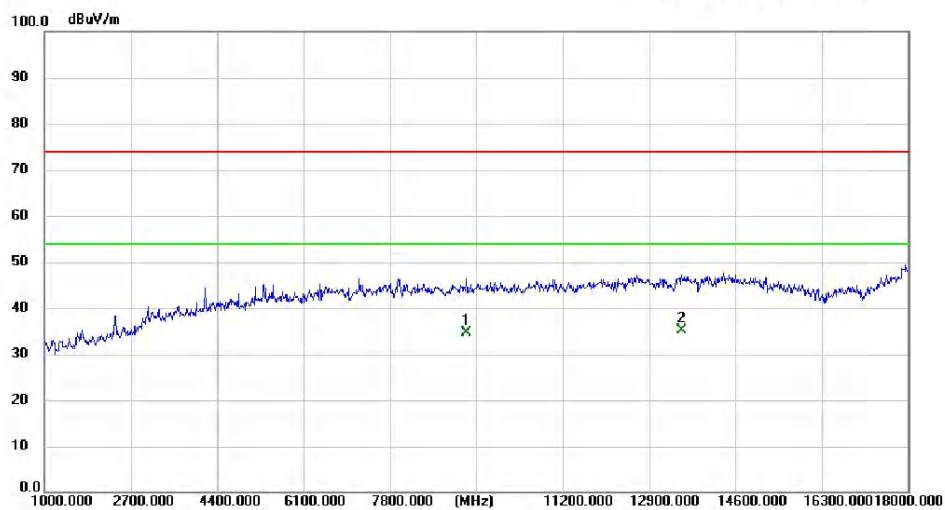
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 16:27:24



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	9319.375	50.88	-16.36	34.52	54.00	-19.48	AVG	150	253	P	
2 *	13556.625	48.54	-13.42	35.12	54.00	-18.88	AVG	150	352	P	

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

File: RSE-底板2-短天线 (BLE+Thread) \Data

Page: 1

Engineer Signature:



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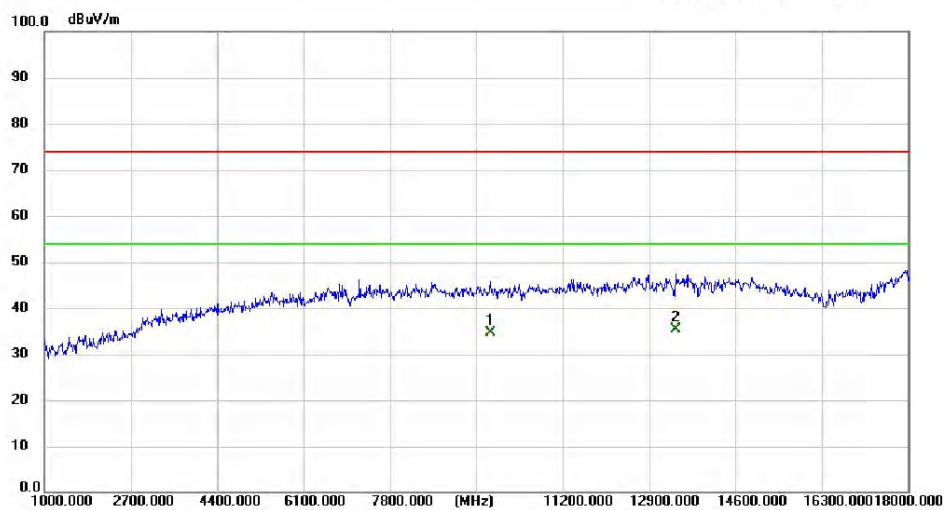
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 16:32:09



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	9778.375	50.77	-16.15	34.62	54.00	-19.38	AVG	150	318	P	
2 *	13441.875	48.81	-13.49	35.32	54.00	-18.68	AVG	150	241	P	

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

Appendix B.8: Test Results of Radiated Emissions in Restricted Bands

For ANT1 Base plate1

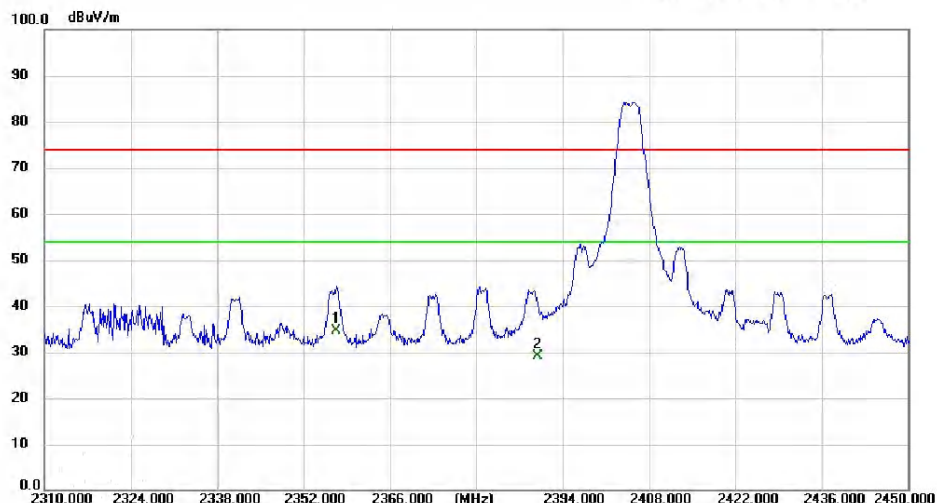


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: BLE & Thread Module Distance: 3m Humidity: 54 %RH
M/N: BLE & Thread Module Test Engineer: Felix
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 9:15:50



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 *	2357.338	58.56	-24.00	34.56	54.00	-19.44	AVG	150	215	P	
2	2390.000	53.04	-23.89	29.15	54.00	-24.85	AVG	150	316	P	

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



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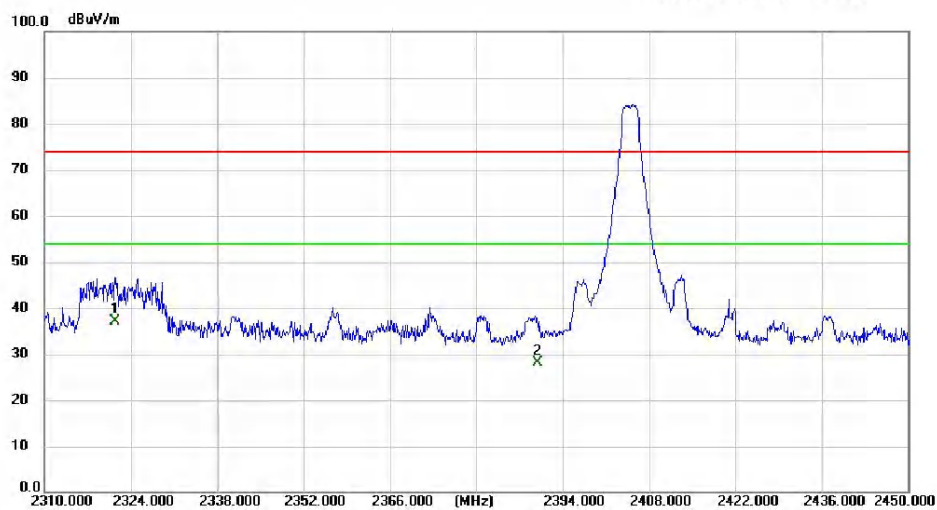
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 9:21:33



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 *	2321.585	61.34	-24.12	37.22	54.00	-16.78	AVG	150	208	P	
2	2390.000	52.13	-23.89	28.24	54.00	-25.76	AVG	150	145	P	

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



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Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 9:28:05



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 *	2483.500	66.70	-23.58	43.12	54.00	-10.88	AVG	150	265	P	
2	2488.662	61.88	-23.57	38.31	54.00	-15.69	AVG	150	151	P	

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



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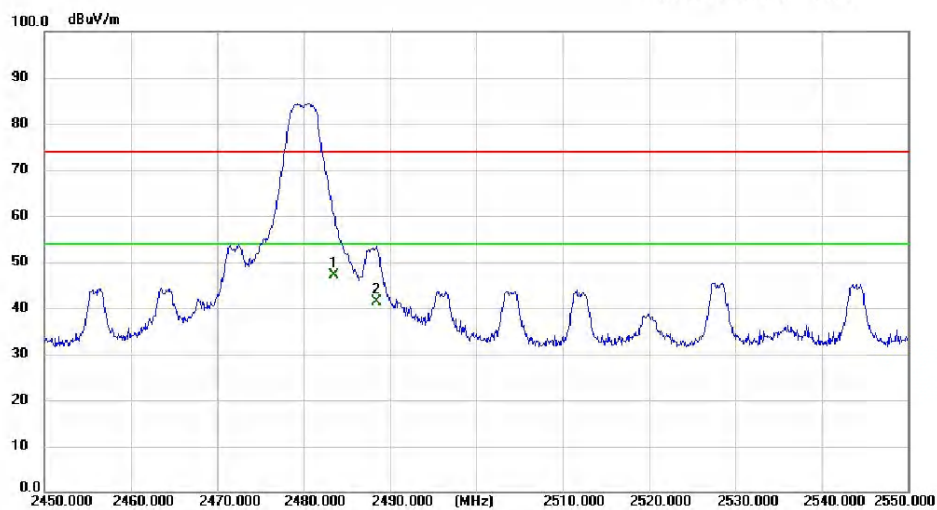
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 9:33:38



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 *	2483.500	70.79	-23.58	47.21	54.00	-6.79	AVG	150	21	P	
2	2488.400	64.83	-23.57	41.26	54.00	-12.74	AVG	150	268	P	

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

For ANT2 Base plate1

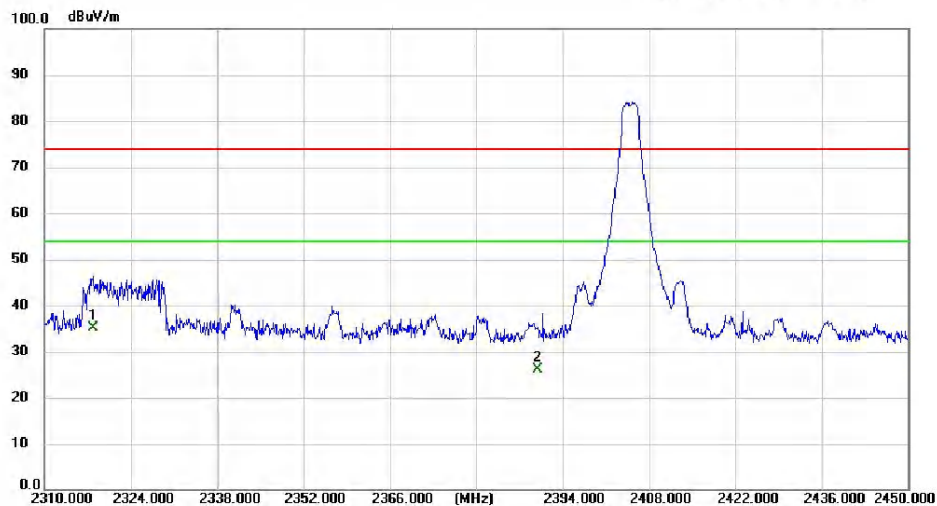


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: BLE & Thread Module Distance: 3m Humidity: 54 %RH
M/N: BLE & Thread Module Test Engineer: Felix
Test Mode: Thread 2405MHz
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 10:00:31



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 *	2317.910	59.25	-24.13	35.12	54.00	-18.88	AVG	150	215	P	
2	2390.000	50.14	-23.89	26.25	54.00	-27.75	AVG	150	122	P	

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



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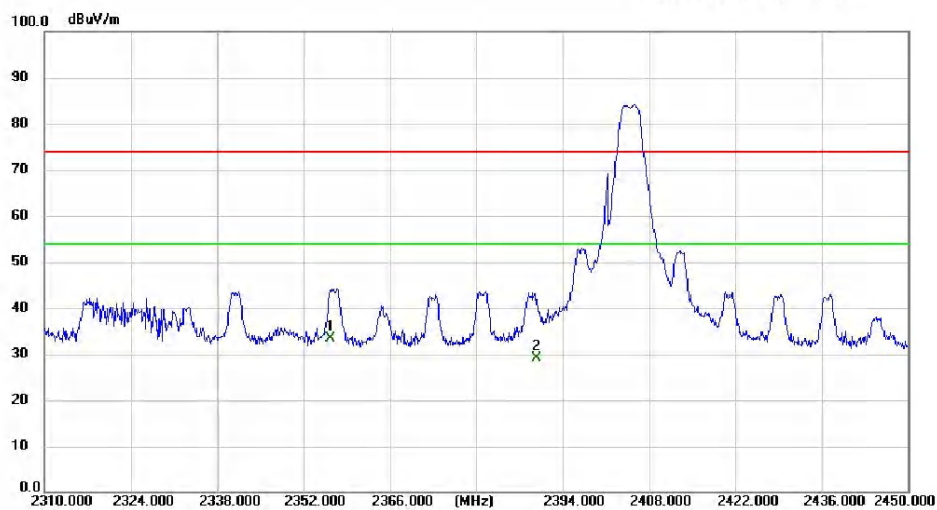
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 10:04:47



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 *	2356.497	57.26	-24.00	33.26	54.00	-20.74	AVG	150	206	P	
2	2390.000	53.04	-23.89	29.15	54.00	-24.85	AVG	150	114	P	

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



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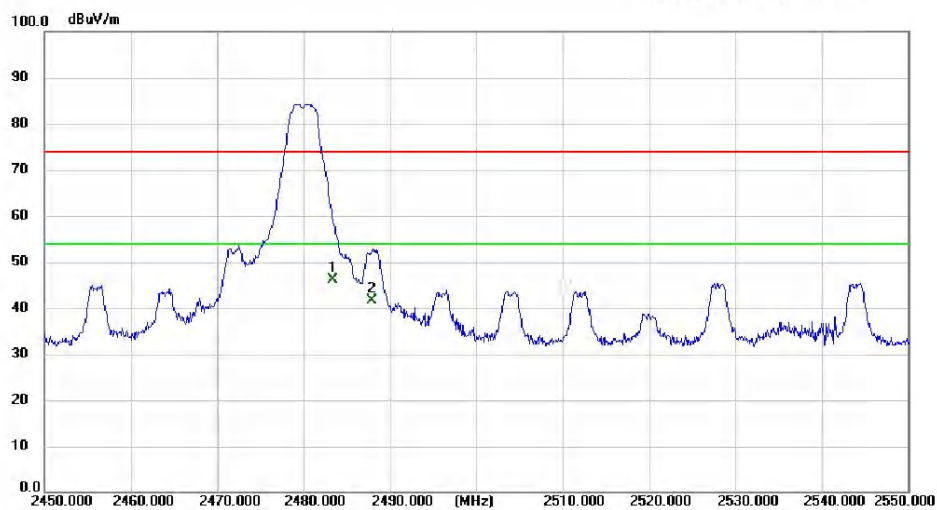
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 10:11:25



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 *	2483.500	69.83	-23.58	46.25	54.00	-7.75	AVG	150	325	P	
2	2488.037	65.19	-23.57	41.62	54.00	-12.38	AVG	150	184	P	

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



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Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 10:16:33



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	67.20	-23.58	43.62	54.00	-10.38	AVG	150	216	P	
2	2490.025	59.07	-23.57	35.50	54.00	-18.50	AVG	150	248	P	

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

For ANT1 Base plate2

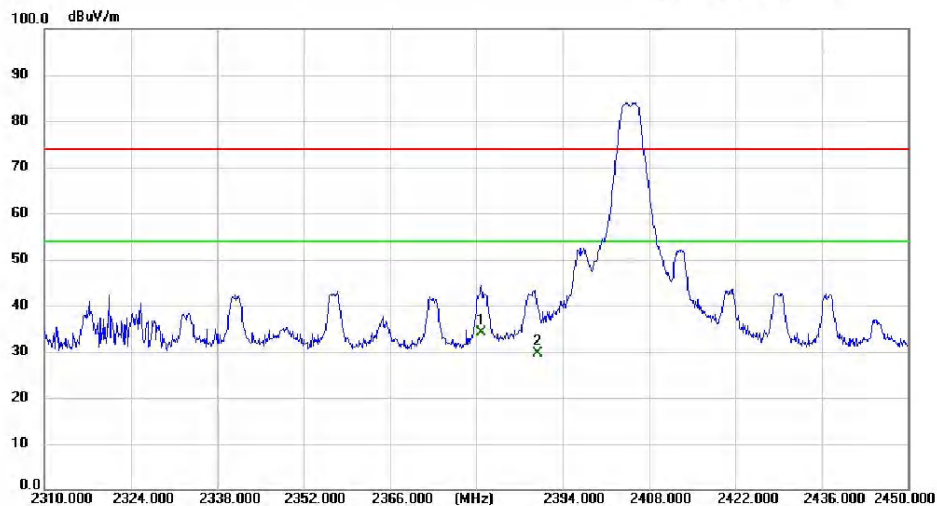


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: BLE & Thread Module Distance: 3m Humidity: 54 %RH
M/N: BLE & Thread Module Test Engineer: Felix
Test Mode: Thread 2405MHz
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 10:53:47



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 *	2380.875	58.03	-23.91	34.12	54.00	-19.88	AVG	150	69	P	
2	2390.000	53.52	-23.89	29.63	54.00	-24.37	AVG	150	115	P	

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



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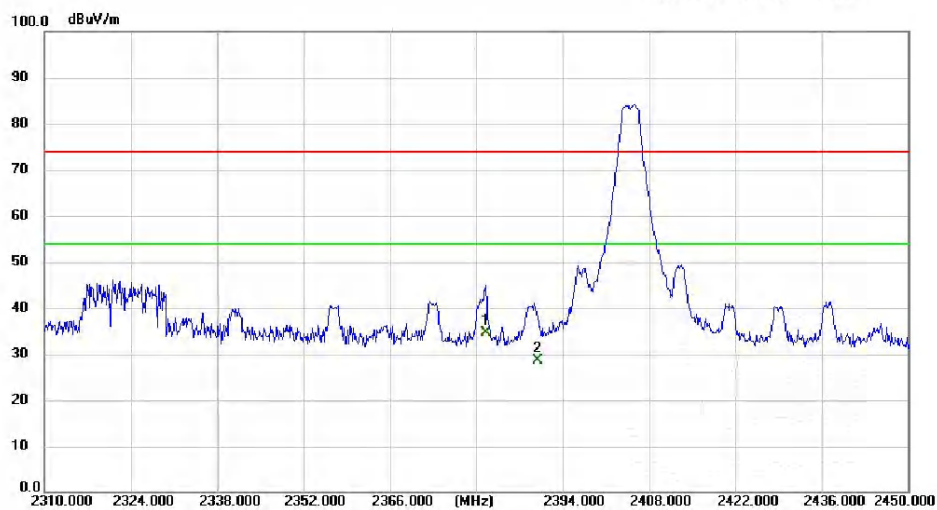
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 10:59:49



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 *	2381.610	58.53	-23.91	34.62	54.00	-19.38	AVG	150	264	P	
2	2390.000	52.41	-23.89	28.52	54.00	-25.48	AVG	150	318	P	

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



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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 11:06:33



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	52.73	-23.58	29.15	54.00	-24.85	AVG	150	218	P	
2 *	2488.037	58.72	-23.57	35.15	54.00	-18.85	AVG	150	252	P	

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



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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480MHz
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 11:11:16



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	54.84	-23.58	31.26	54.00	-22.74	AVG	150	206	P	
2 *	2488.000	61.82	-23.57	38.25	54.00	-15.75	AVG	150	158	P	

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