



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

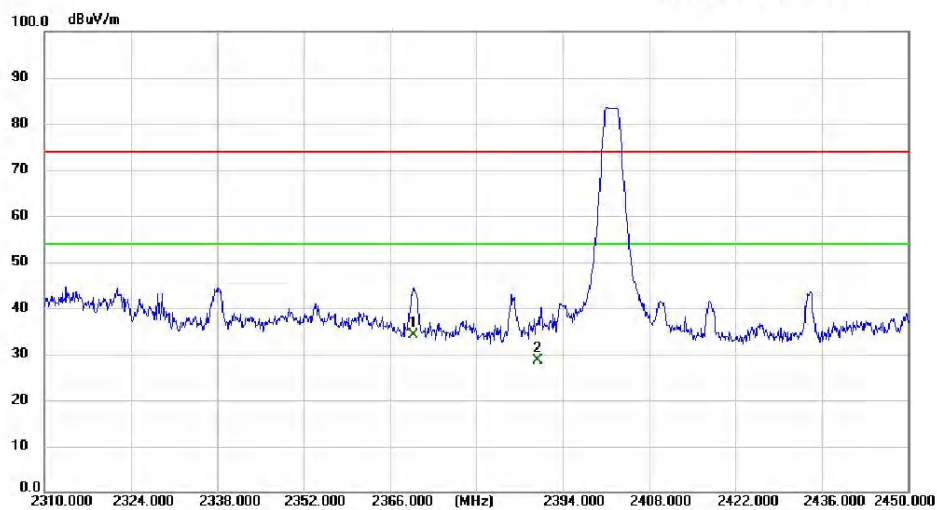
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 1M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 19:05:19



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 *	2369.815	58.07	-23.95	34.12	54.00	-19.88	AVG	150	126	P	
2	2390.000	52.41	-23.89	28.52	54.00	-25.48	AVG	150	52	P	

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

File: BD-BLE-陶瓷天线Data :#2

Page: 1

Engineer Signature:

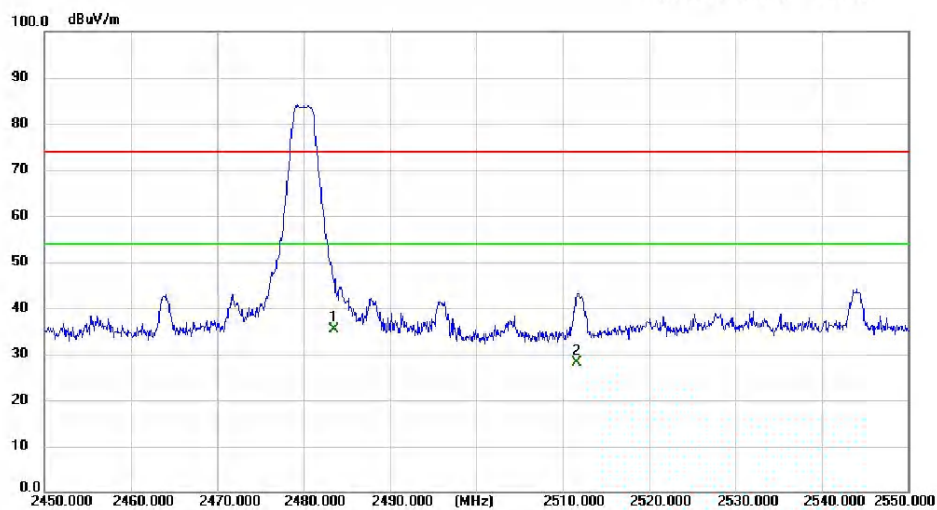


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: DD6600	Test Engineer: Felix	
Test Mode: BLE 1M 2480M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 19:10:55



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	58.84	-23.58	35.26	54.00	-18.74	AVG	150	124	P	
2	2511.688	51.70	-23.49	28.21	54.00	-25.79	AVG	150	216	P	

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



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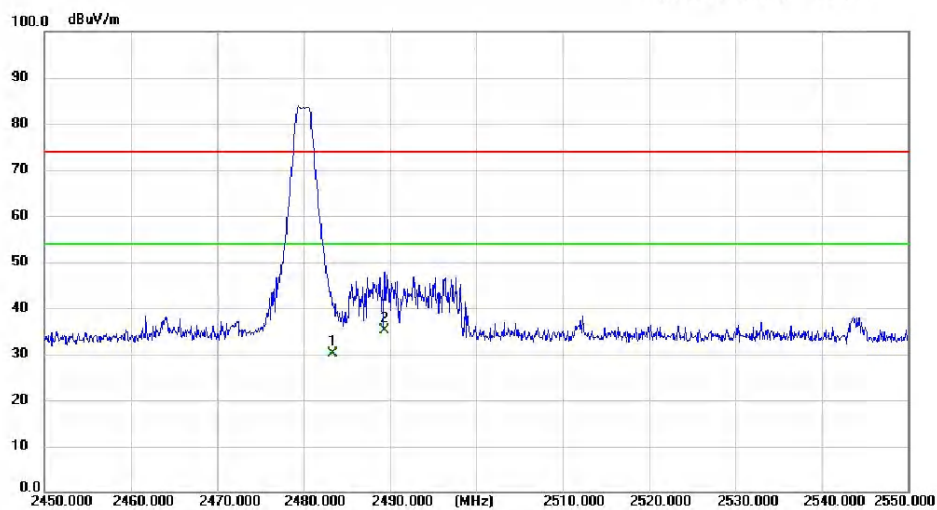
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 19:16:12



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	53.70	-23.58	30.12	54.00	-23.88	AVG	150	325	P	
2 *	2489.450	58.69	-23.57	35.12	54.00	-18.88	AVG	150	156	P	

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

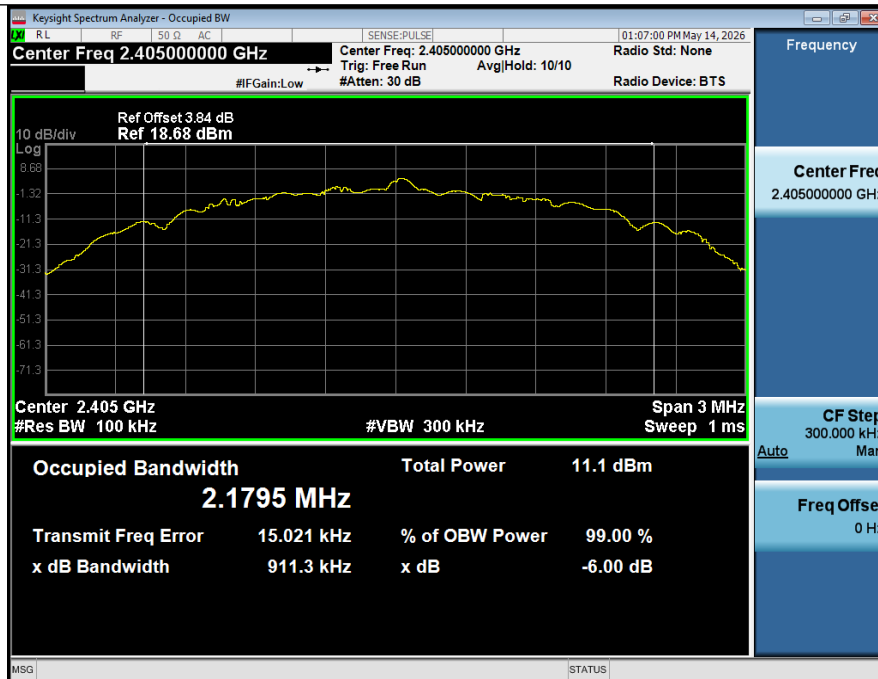
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Appendix B.1: Test Results of 6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	User	2405.00	911.34	500	Pass
NVNT	ANT1	User	2440.00	1416.07	500	Pass
NVNT	ANT1	User	2480.00	1445.46	500	Pass

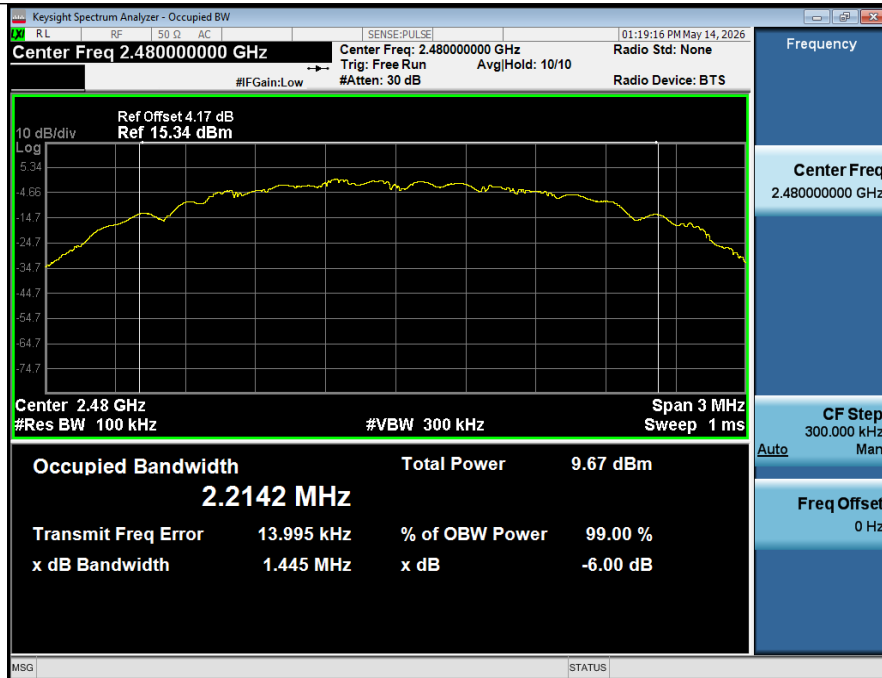
-6dB_Bandwidth_NVNT_ANT1_User_2405



-6dB_Bandwidth_NVNT_ANT1_User_2440



-6dB_Bandwidth_NVNT_ANT1_User_2480



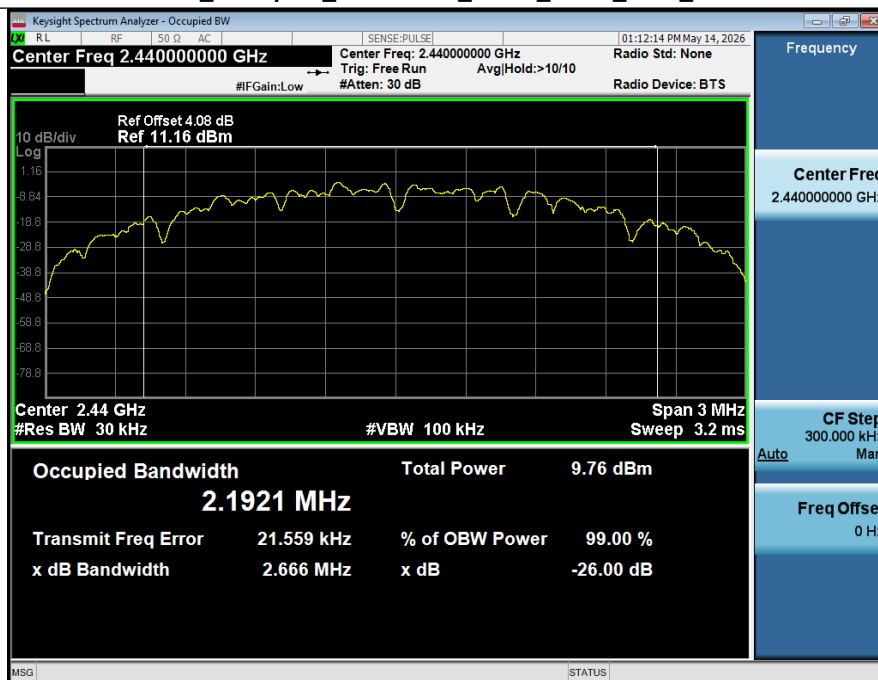
Appendix B.2: Test Results of 99% Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	User	2405.00	2.155
NVNT	ANT1	User	2440.00	2.192
NVNT	ANT1	User	2480.00	2.199

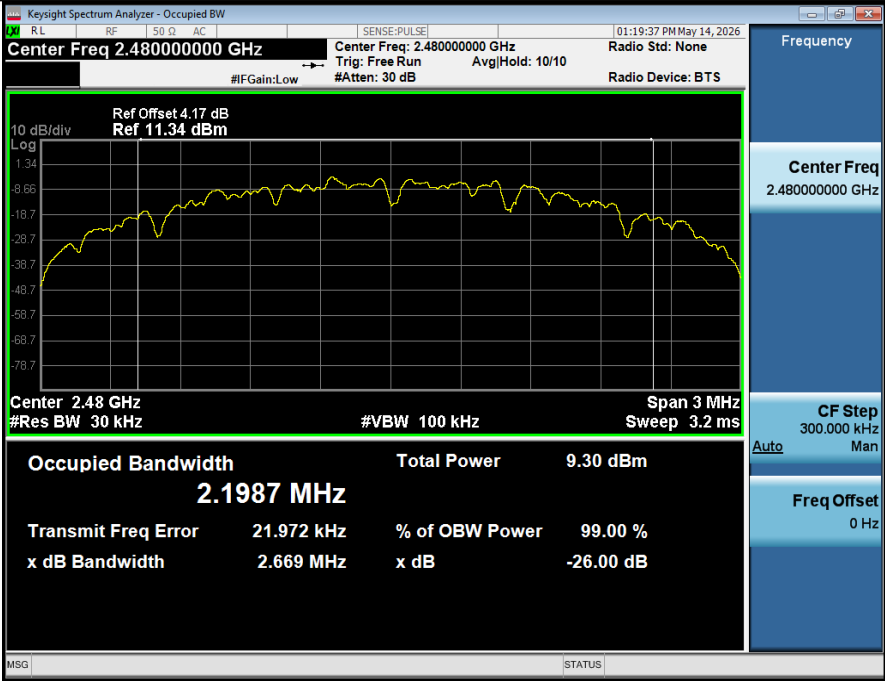
99%_Occupied_Bandwidth_NVNT_ANT1_User_2405



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	5.74	3.75	1000	Pass
NVNT	ANT1	User	2440.00	5.46	3.52	1000	Pass
NVNT	ANT1	User	2480.00	4.94	3.12	1000	Pass

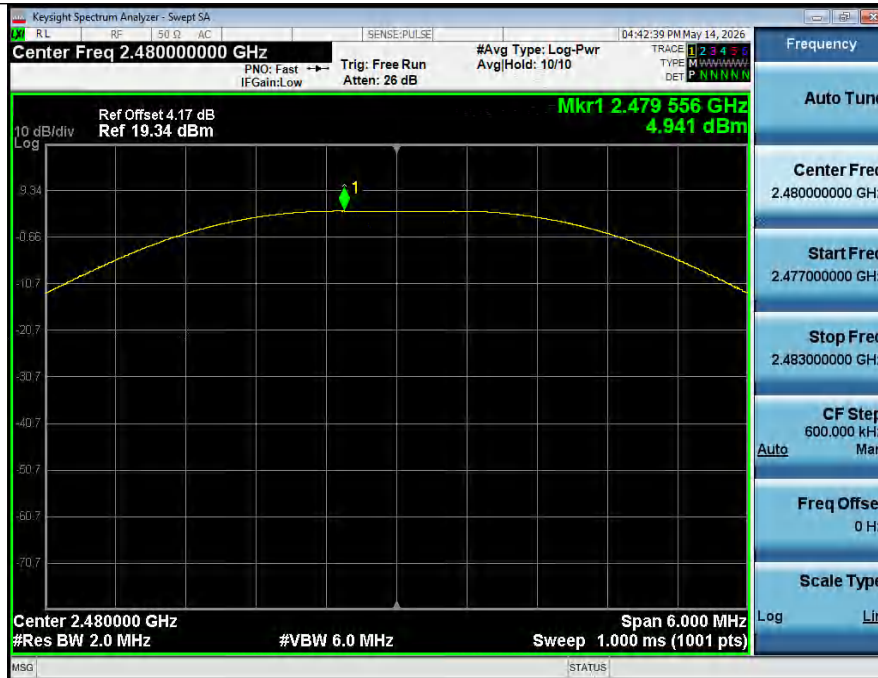
Peak_Output_Power_NVNT_ANT1_User_2405



Peak_Output_Power_NVNT_ANT1_User_2440



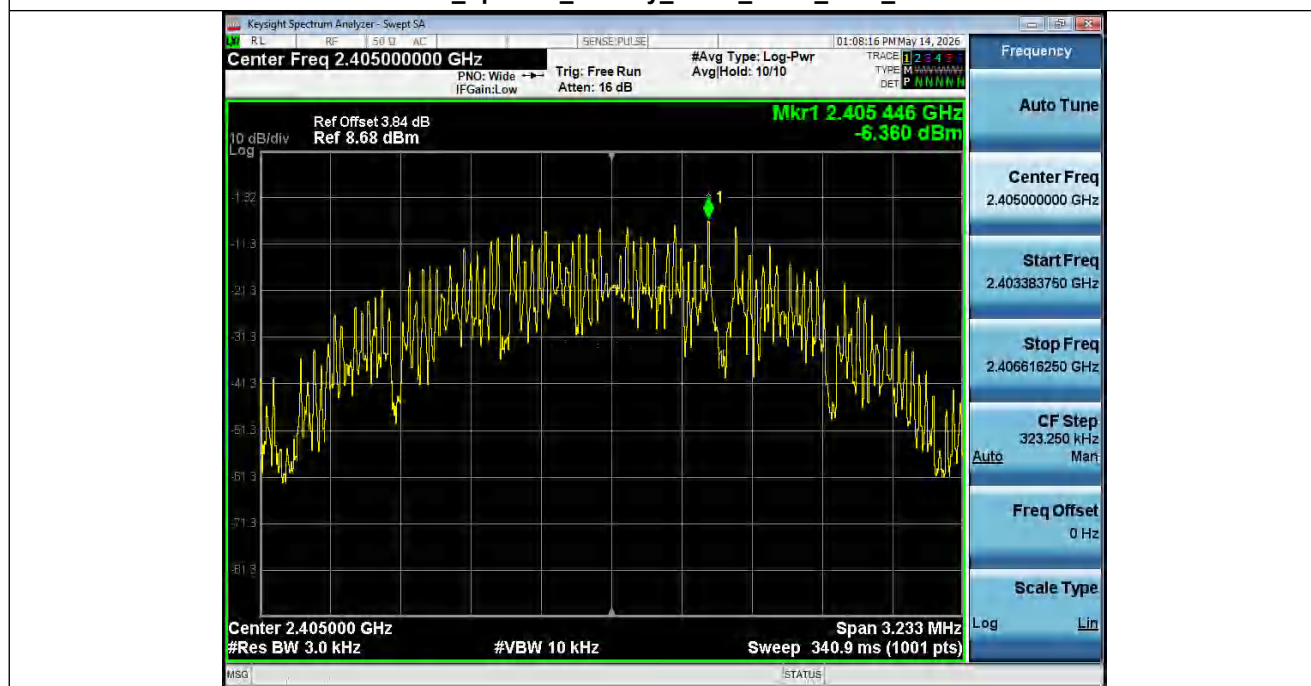
Peak_Output_Power_NVNT_ANT1_User_2480



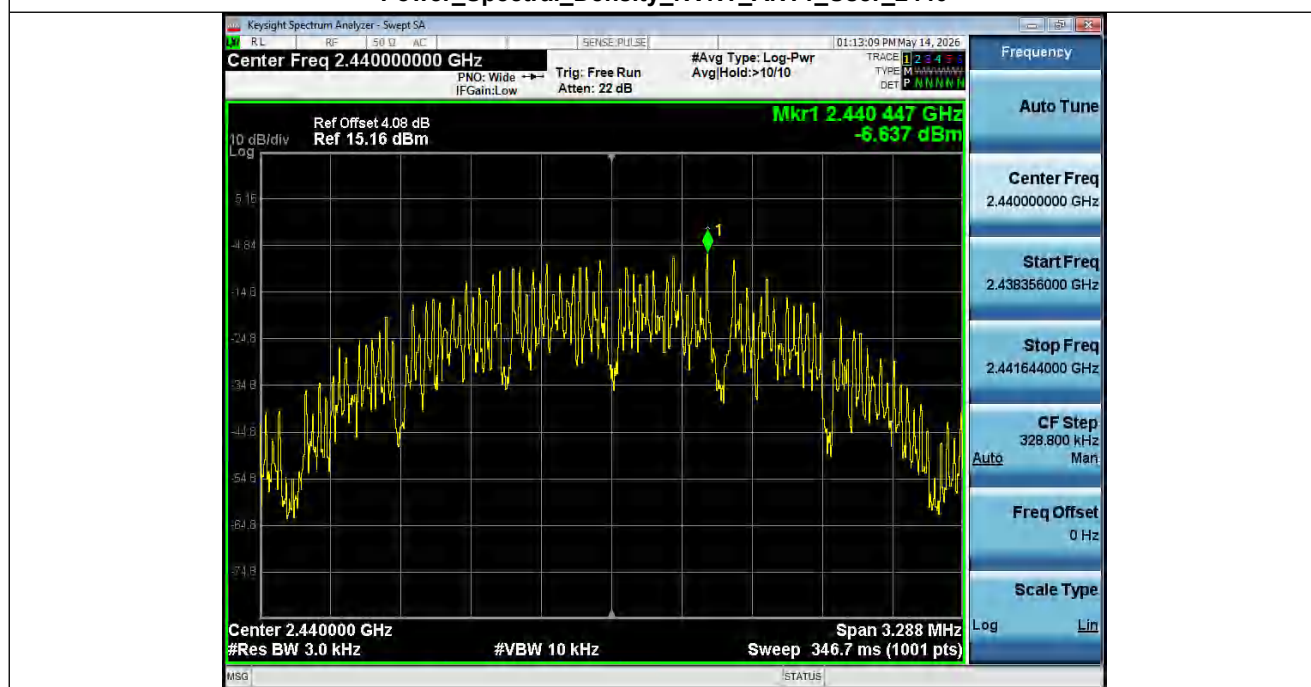
Appendix B.4: Test Results of Conducted Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	User	2405.00	-6.36	8	Pass
NVNT	ANT1	User	2440.00	-6.64	8	Pass
NVNT	ANT1	User	2480.00	-7.08	8	Pass

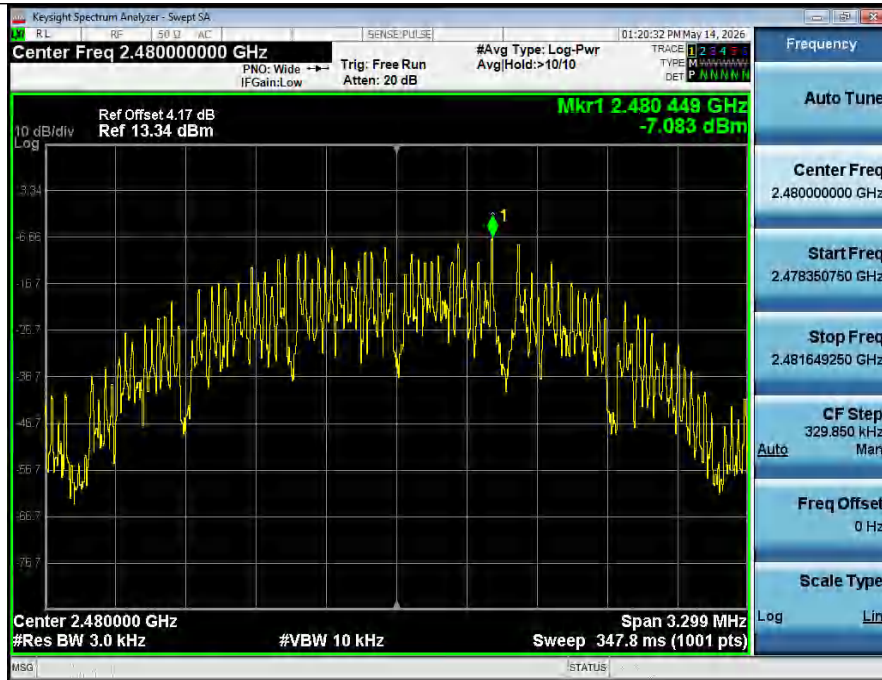
Power_Spectral_Density_NVNT_ANT1_User_2405



Power_Spectral_Density_NVNT_ANT1_User_2440



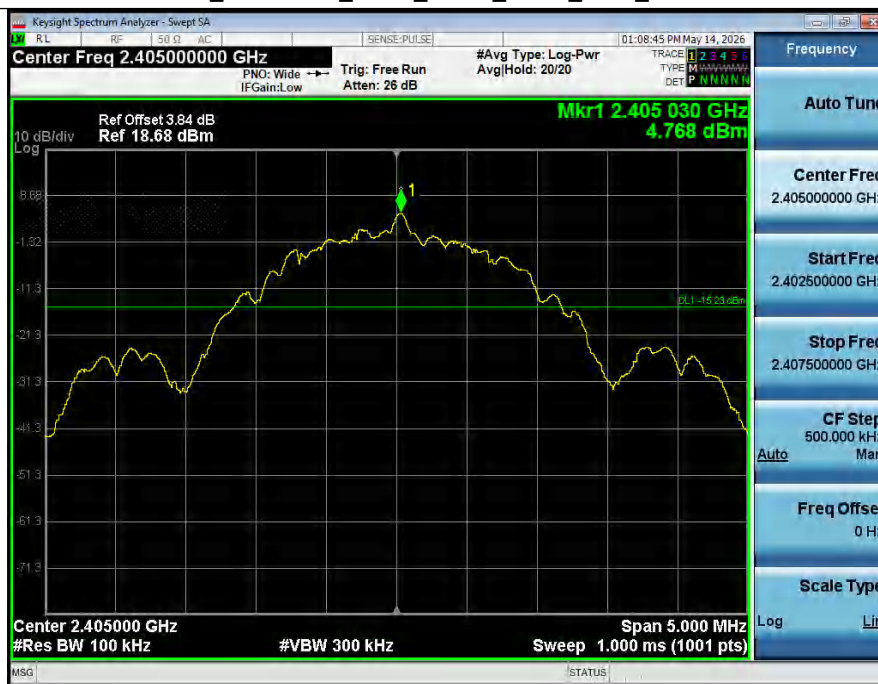
Power_Spectral_Density_NVNT_ANT1_User_2480



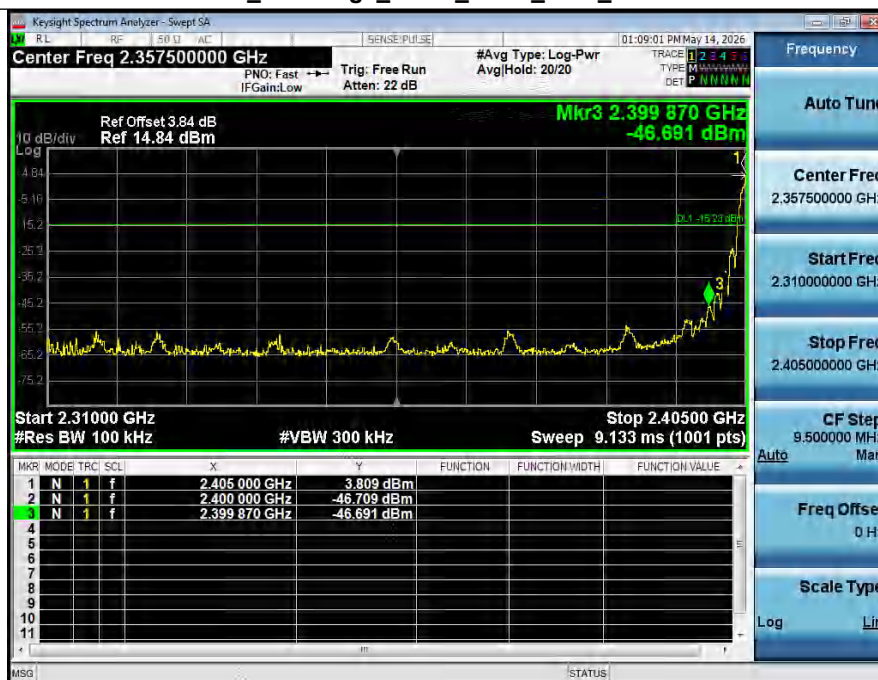
Appendix B.5: Test Results of Band Edge Measurements

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	User	2405.00	2399.870	4.768	-46.691	-15.232	Pass
NVNT	ANT1	User	2480.00	2483.925	0.297	-40.386	-19.703	Pass

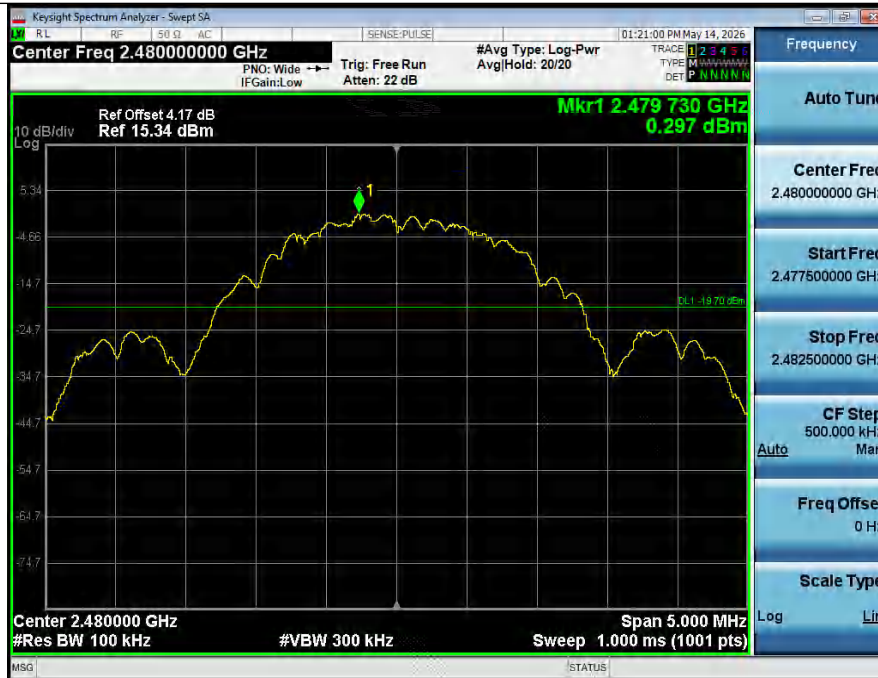
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2_Bandedge_NVNT_ANT1_User_2405



1_Reference_Level_NVNT_ANT1_User_2480



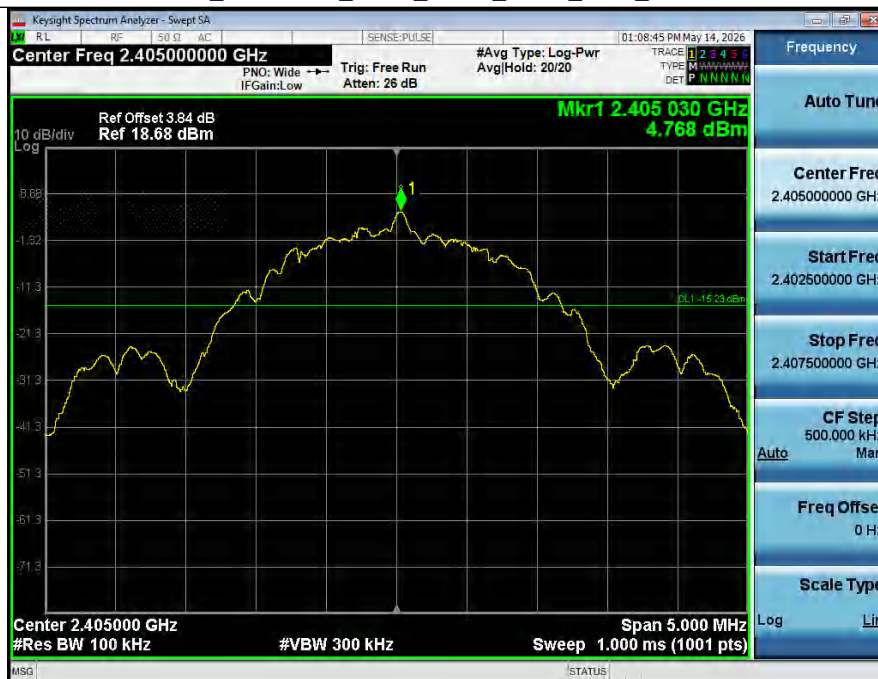
2_Bandedge_NVNT_ANT1_User_2480



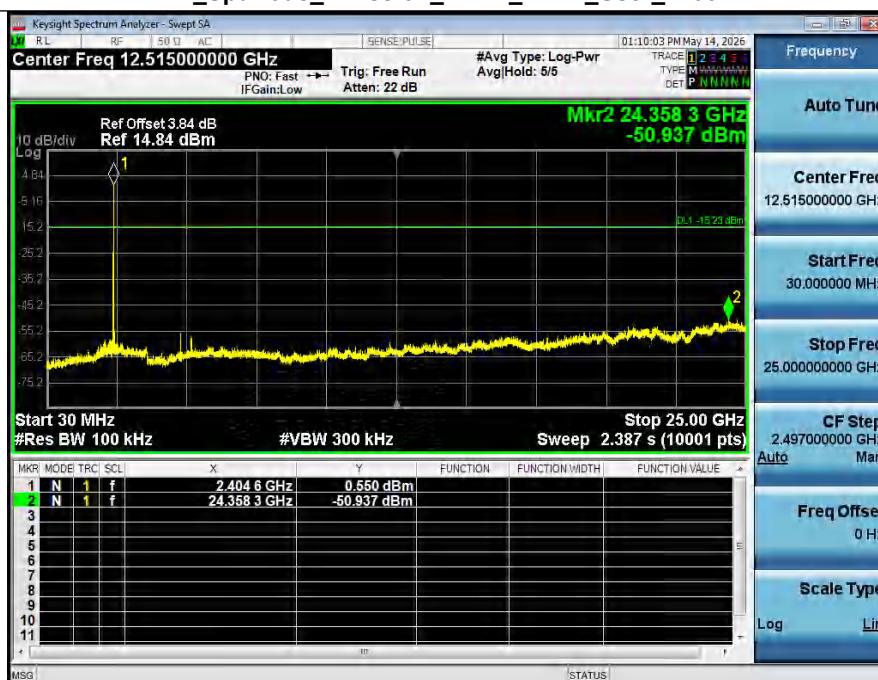
Appendix B.6: Test Results of Conducted Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	User	2405.00	4.768	-50.937	-15.232	Pass
NVNT	ANT1	User	2440.00	1.108	-54.923	-18.892	Pass
NVNT	ANT1	User	2480.00	0.297	-53.810	-19.703	Pass

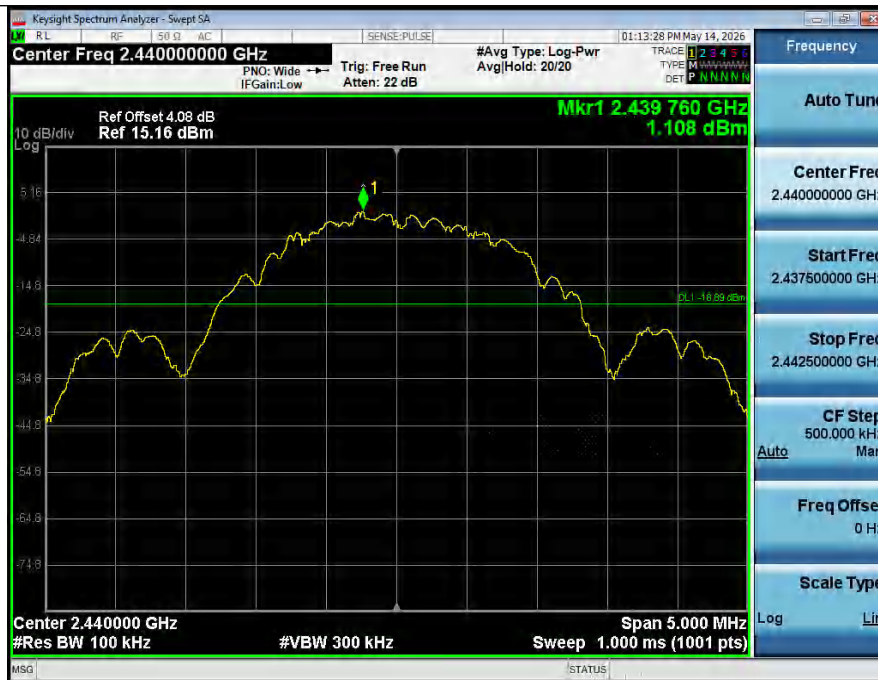
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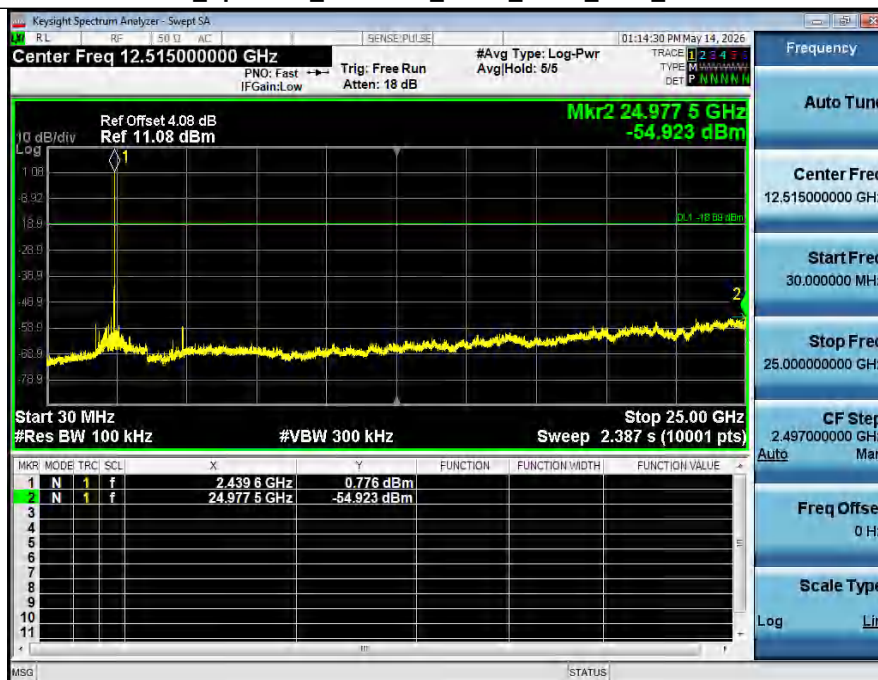
2_Spurious_Emission_NVNT_ANT1_User_2405



1_Reference_Level_NVNT_ANT1_User_2440



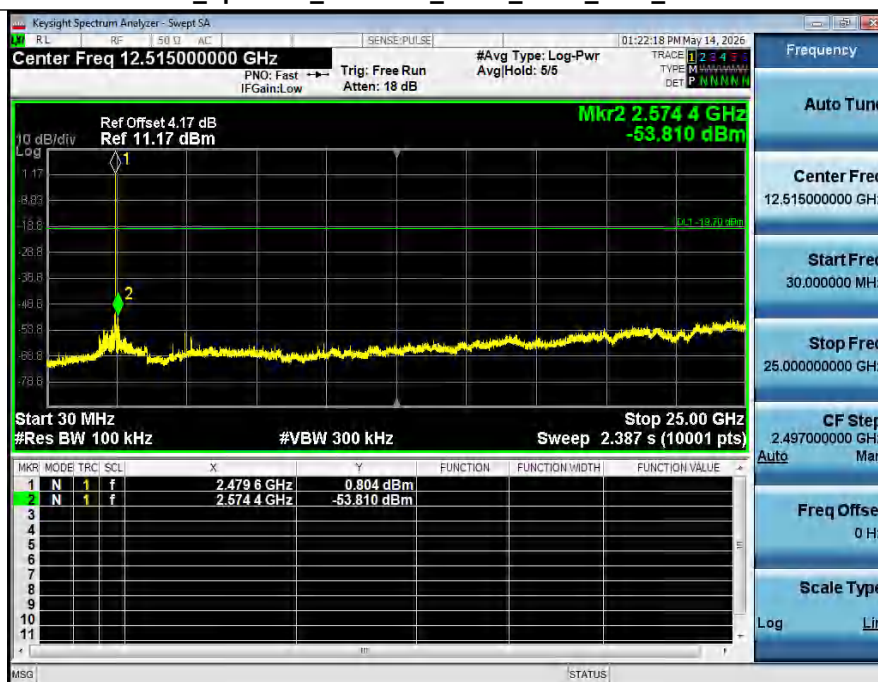
2_Spurious_Emission_NVNT_ANT1_User_2440



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(Worst case ANT3 result were shown)

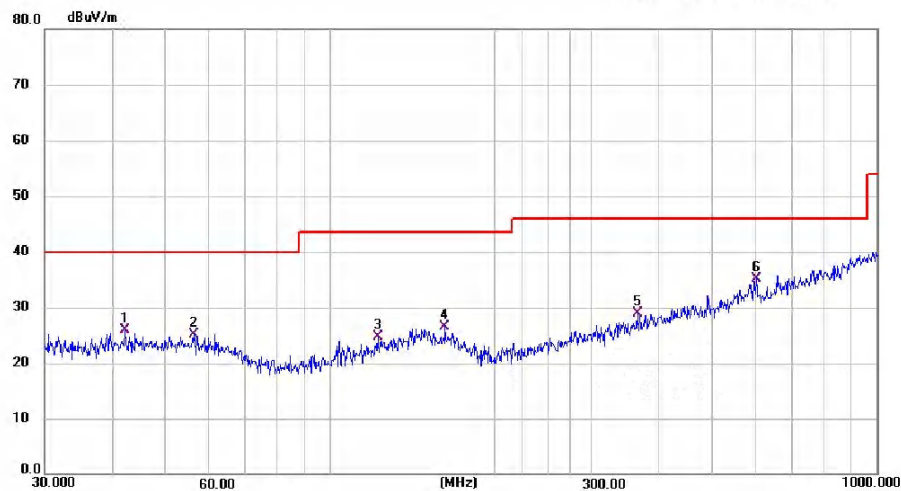


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: BLE & Thread Module	Distance:	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/16 15:46:07



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	42.1542	11.73	14.12	25.85	40.00	-14.15	QP	100	157	P	
2	56.1974	11.61	13.44	25.05	40.00	-14.95	QP	100	326	P	
3	121.9755	11.38	13.29	24.67	43.50	-18.83	QP	100	320	P	
4	162.0414	11.45	15.00	26.45	43.50	-17.05	QP	100	257	P	
5	364.2595	12.15	16.85	29.00	46.00	-17.00	QP	100	56	P	
6 *	601.4265	13.09	22.09	35.18	46.00	-10.82	QP	100	89	P	

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



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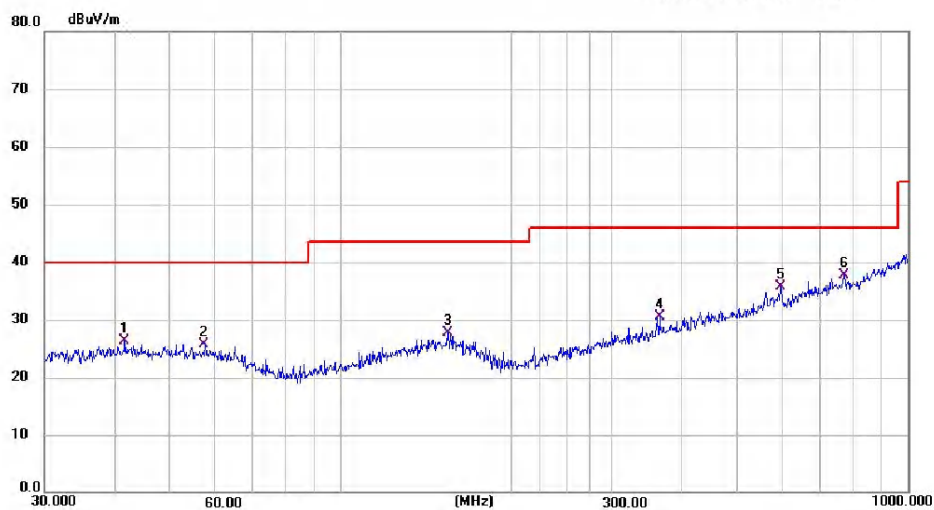
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 15:51:48



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	41.5670	12.12	14.16	26.28	40.00	-13.72	QP	200	250	P	
2	57.5939	12.24	13.37	25.61	40.00	-14.39	QP	200	148	P	
3	154.2786	12.58	15.20	27.78	43.50	-15.72	QP	200	225	P	
4	364.2595	13.61	16.85	30.46	46.00	-15.54	QP	200	265	P	
5	597.2234	13.74	22.01	35.75	46.00	-10.25	QP	200	316	P	
6 *	771.4486	13.01	24.79	37.80	46.00	-8.20	QP	200	292	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:
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 16:10:26



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	43.2017	11.79	14.04	25.83	40.00	-14.17	QP	100	251	P	
2	54.6429	11.84	13.51	25.35	40.00	-14.65	QP	100	326	P	
3	154.2786	11.45	15.20	26.65	43.50	-16.85	QP	100	218	P	
4	364.2595	13.55	16.85	30.40	46.00	-15.60	QP	100	186	P	
5	590.9737	13.11	21.88	34.99	46.00	-11.01	QP	100	219	P	
6 *	763.3757	12.19	24.69	36.88	46.00	-9.12	QP	100	184	P	

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



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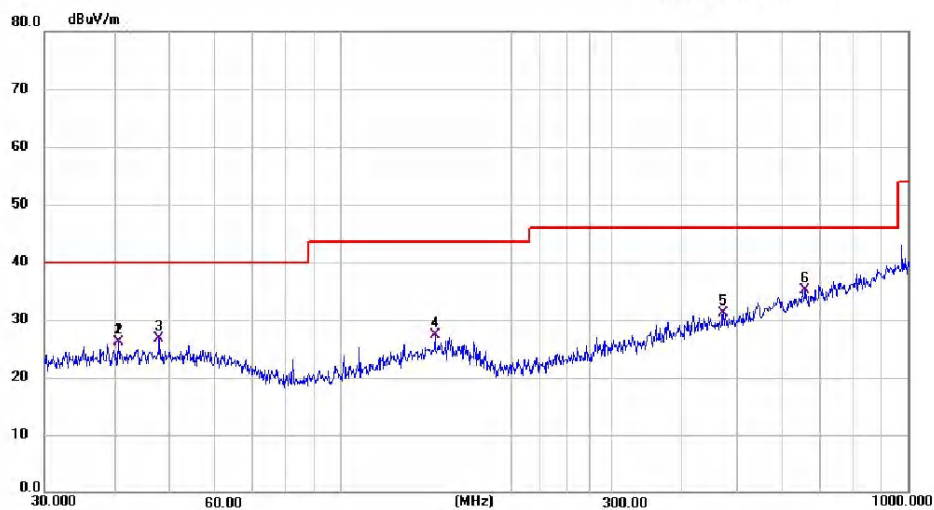
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 16:18:46



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	40.5591	11.79	14.23	26.02	40.00	-13.98	QP	200	265	P	
2	40.5591	11.79	14.23	26.02	40.00	-13.98	QP	200	183	P	
3	47.8260	12.83	13.82	26.65	40.00	-13.35	QP	200	298	P	
4	146.3735	12.31	14.95	27.26	43.50	-16.24	QP	200	282	P	
5	472.1760	11.70	19.40	31.10	46.00	-14.90	QP	200	293	P	
6 *	658.8362	11.98	23.13	35.11	46.00	-10.89	QP	200	355	P	

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

1GHz - 18GHz for ANT1



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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: 2026/5/16 10:12:35



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 *	7821.250	55.00	-16.85	38.15	54.00	-15.85	AVG	150	233	P	
2	10558.250	51.21	-15.52	35.69	54.00	-18.31	AVG	150	193	P	

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



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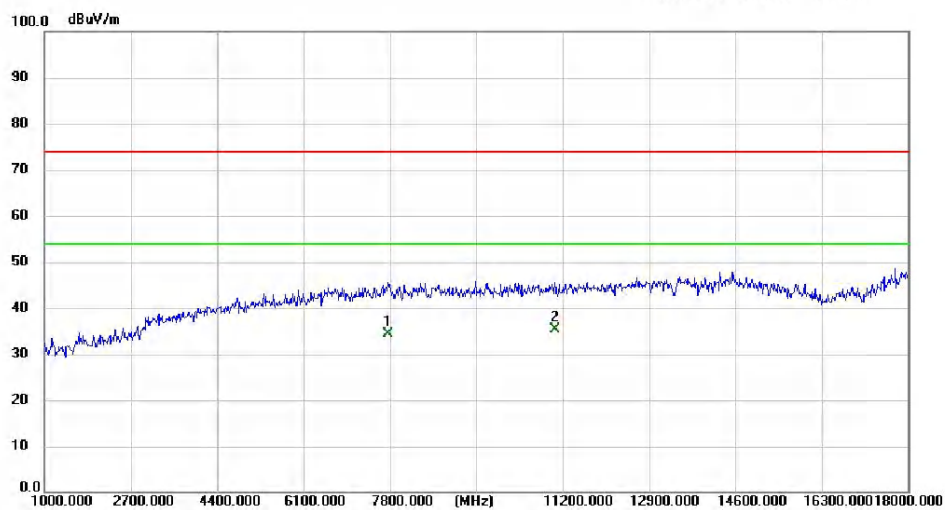
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 10:16:19



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	7780.875	51.38	-16.88	34.50	54.00	-19.50	AVG	150	314	P	
2 *	11049.125	50.40	-15.08	35.32	54.00	-18.68	AVG	150	265	P	

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



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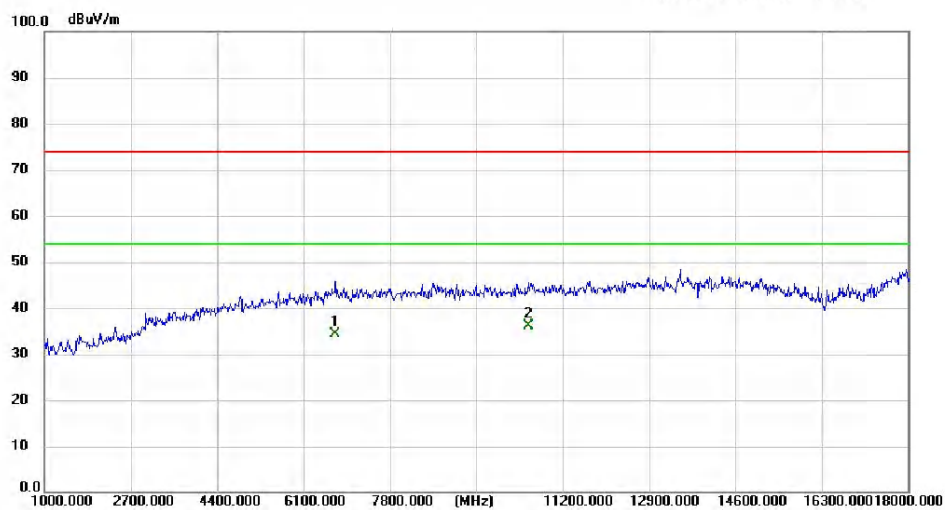
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 10:21:57



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	6743.875	52.31	-17.99	34.32	54.00	-19.68	AVG	150	103	P	
2 *	10528.500	51.75	-15.55	36.20	54.00	-17.80	AVG	150	132	P	

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



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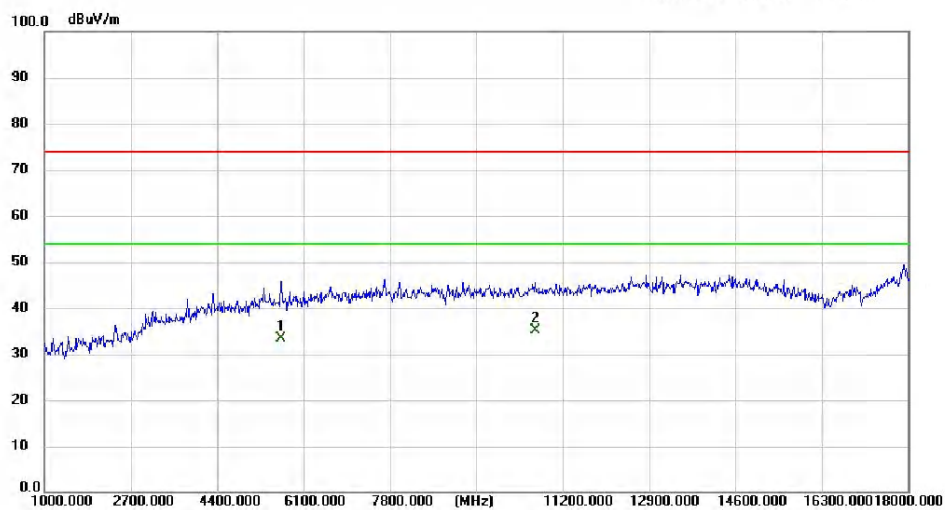
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 10:26:15



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	5658.000	53.71	-20.44	33.27	54.00	-20.73	AVG	150	162	P	
2 *	10670.875	50.60	-15.41	35.19	54.00	-18.81	AVG	150	238	P	

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

File: RSE-Thread-短天线Data :#4

Page: 1

Engineer Signature:



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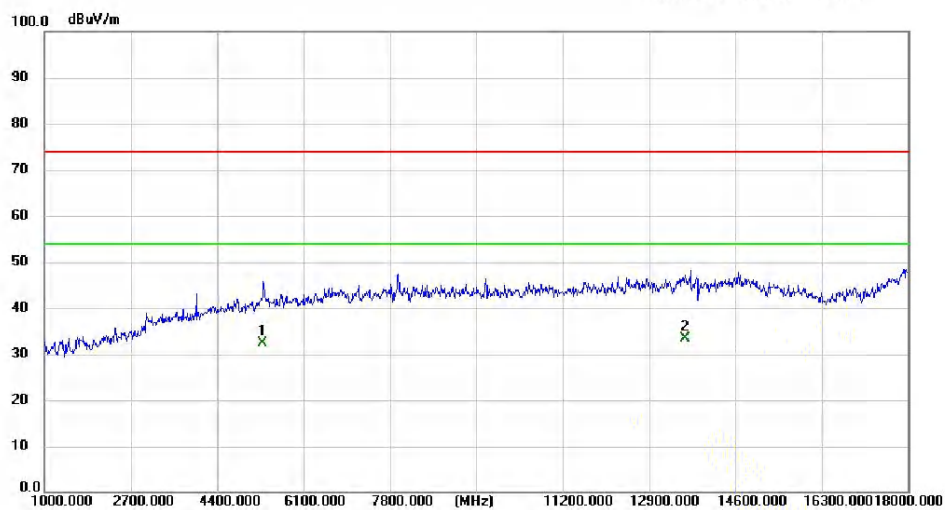
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 10:31:10



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	5313.750	53.63	-21.15	32.48	54.00	-21.52	AVG	150	252	P	
2 *	13616.125	46.88	-13.38	33.50	54.00	-20.50	AVG	150	306	P	

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



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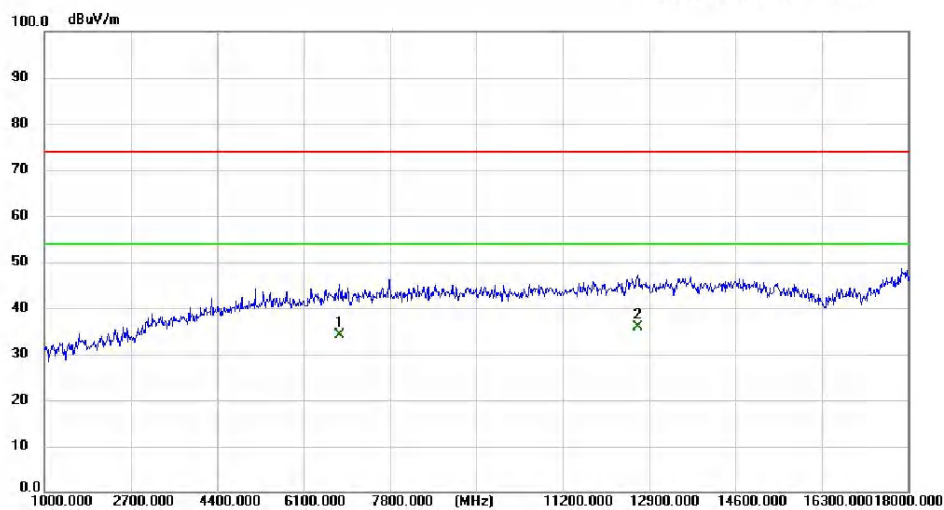
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 10:36:44



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	6824.625	51.96	-17.81	34.15	54.00	-19.85	AVG	150	208	P	
2 *	12689.625	49.93	-14.12	35.81	54.00	-18.19	AVG	150	135	P	

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

1GHz - 18GHz for ANT2

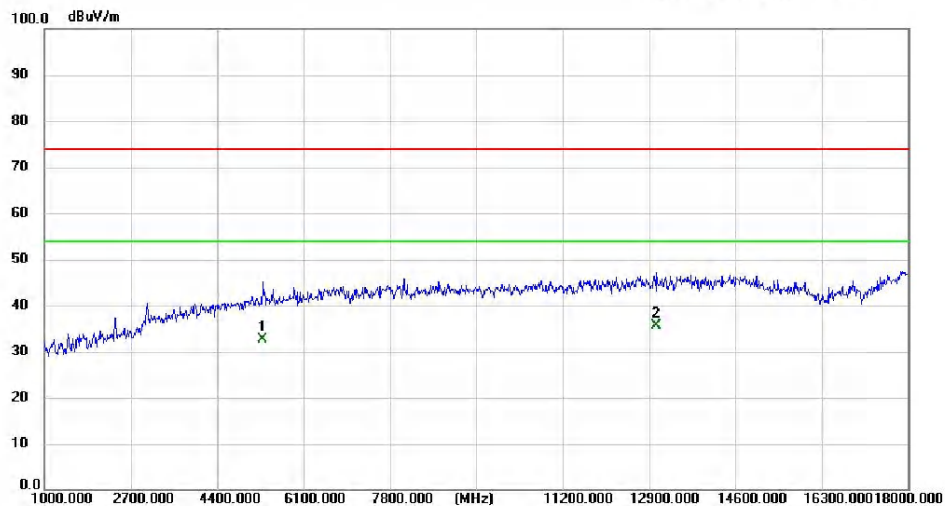


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/16 11:28:22



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	5311.625	53.83	-21.16	32.67	54.00	-21.33	AVG	150	206	P	
2 *	13055.125	49.32	-13.77	35.55	54.00	-18.45	AVG	150	145	P	

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



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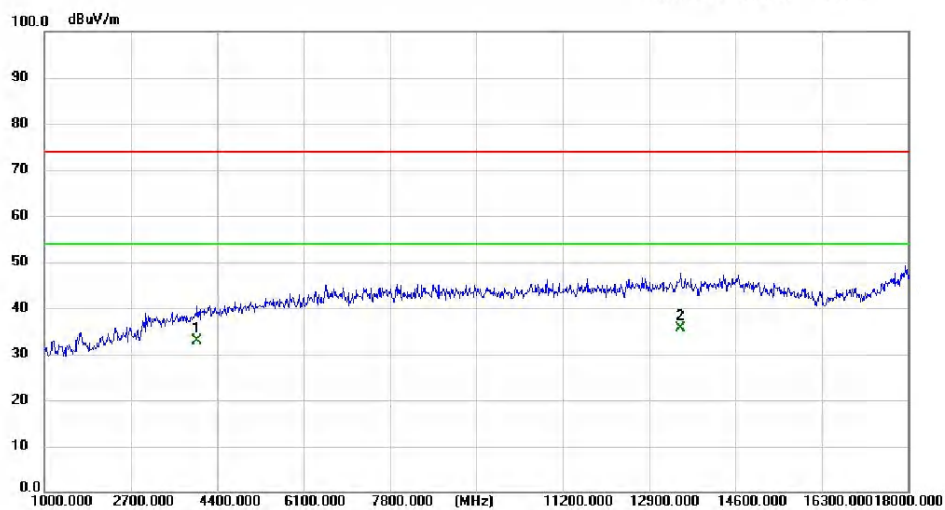
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 11:35:41



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	4011.125	57.83	-24.85	32.98	54.00	-21.02	AVG	150	113	P	
2 *	13543.875	48.95	-13.43	35.52	54.00	-18.48	AVG	150	158	P	

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



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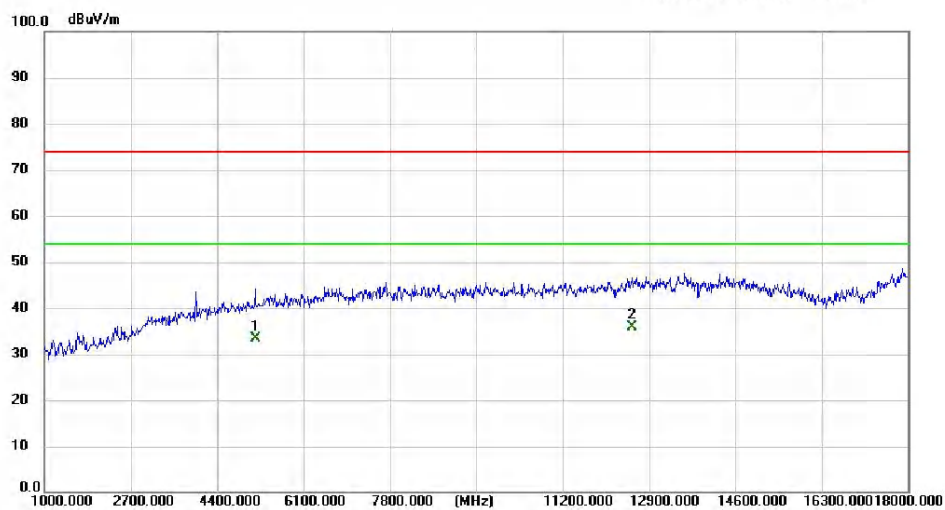
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 11:41:20



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	5148.000	54.87	-21.50	33.37	54.00	-20.63	AVG	150	211	P	
2 *	12564.250	50.05	-14.24	35.81	54.00	-18.19	AVG	150	317	P	

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



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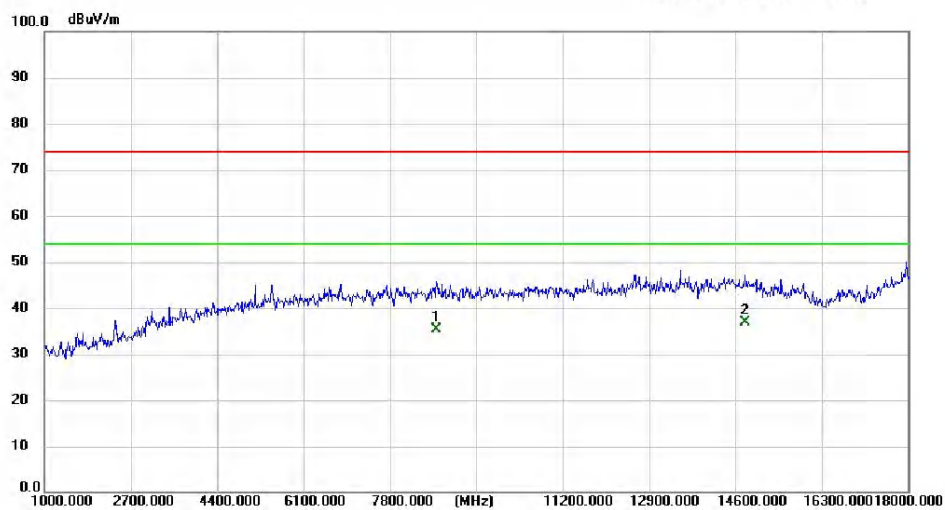
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 11:46:38



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	8724.375	52.01	-16.56	35.45	54.00	-18.55	AVG	150	348	P	
2 *	14797.625	50.17	-13.36	36.81	54.00	-17.19	AVG	150	187	P	

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



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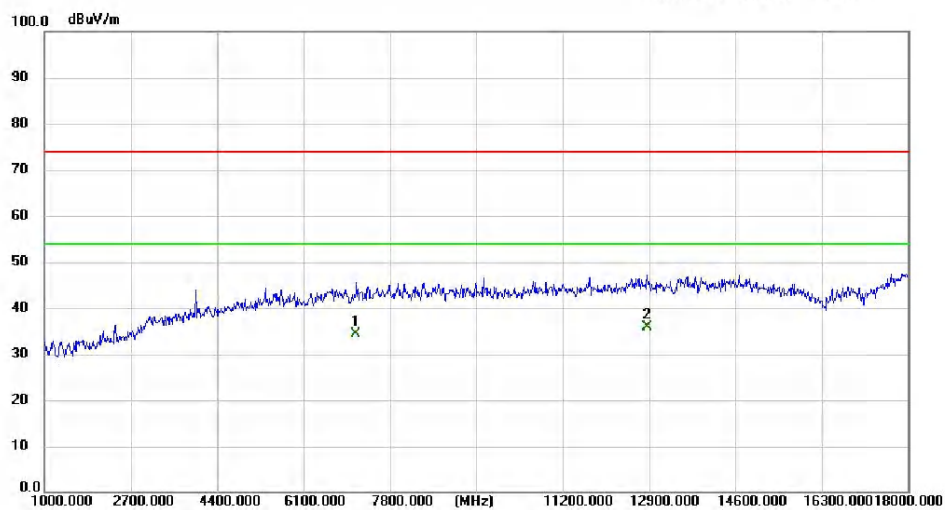
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 11:52:47



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	7149.750	51.68	-17.31	34.37	54.00	-19.63	AVG	150	208	P	
2 *	12876.625	49.78	-13.92	35.86	54.00	-18.14	AVG	150	156	P	

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



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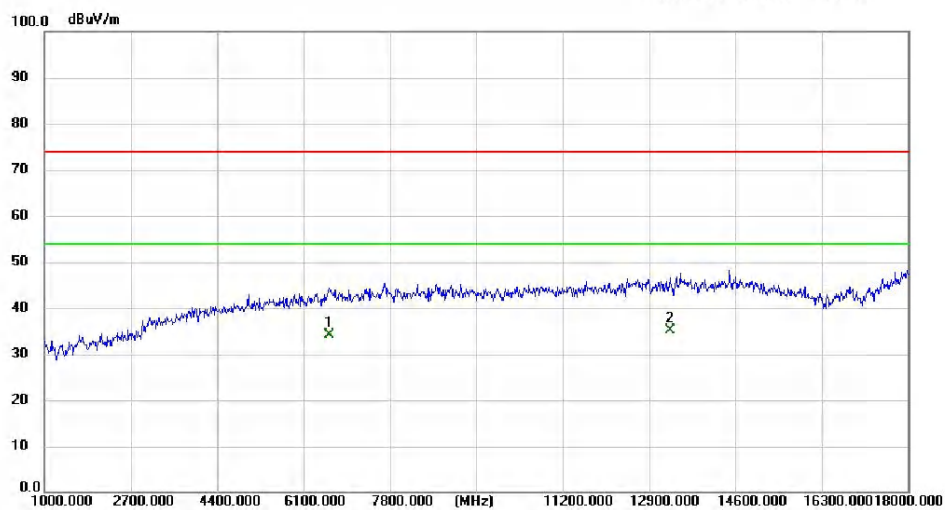
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 11:59:27



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	6612.125	52.43	-18.30	34.13	54.00	-19.87	AVG	150	62	P	
2 *	13310.125	48.79	-13.59	35.20	54.00	-18.80	AVG	150	188	P	

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

1GHz - 18GHz for ANT3

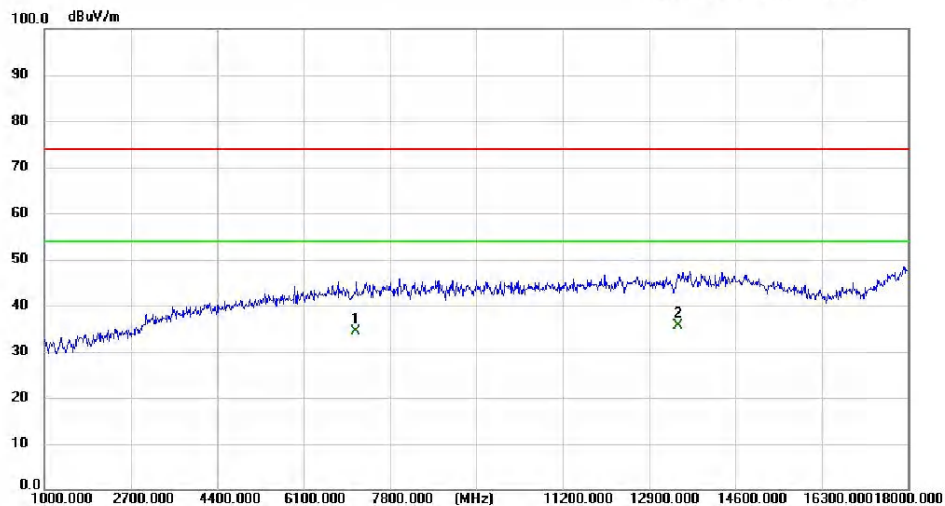


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/16 10:46:20



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	7145.500	51.76	-17.31	34.45	54.00	-19.55	AVG	150	160	P	
2 *	13492.875	49.20	-13.46	35.74	54.00	-18.26	AVG	150	128	P	

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



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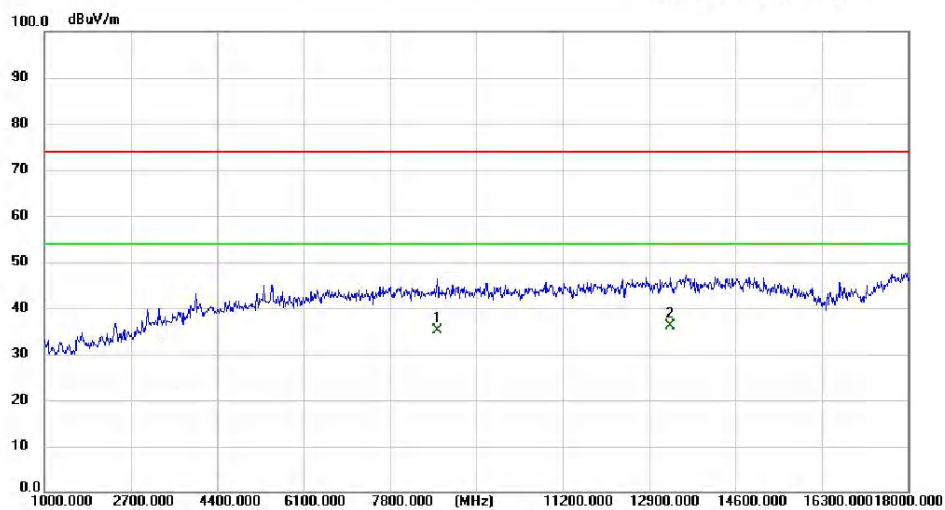
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 10:52:44



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	8737.125	51.71	-16.56	35.15	54.00	-18.85	AVG	150	194	P	
2 *	13331.375	49.65	-13.57	36.08	54.00	-17.92	AVG	150	214	P	

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



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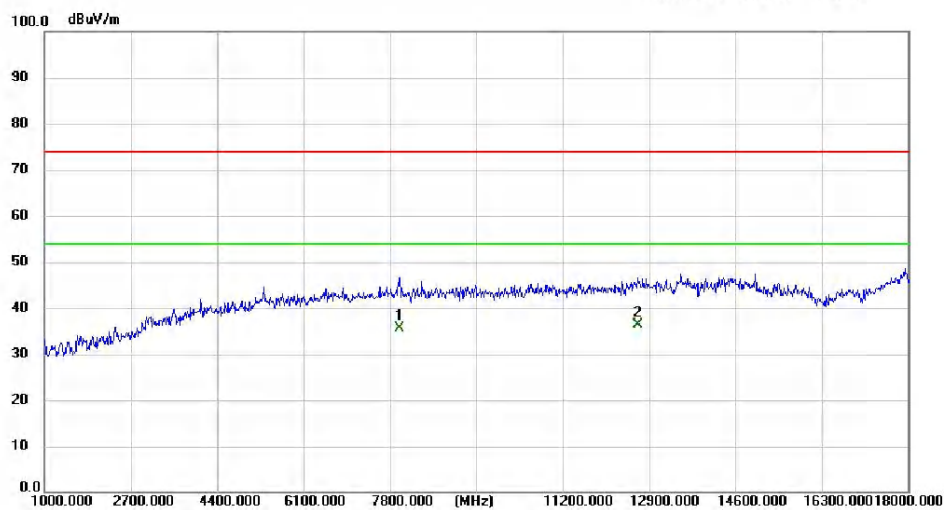
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 10:57:23



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	7987.000	52.48	-16.73	35.75	54.00	-18.25	AVG	150	241	P	
2 *	12687.500	50.46	-14.12	36.34	54.00	-17.66	AVG	150	344	P	

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



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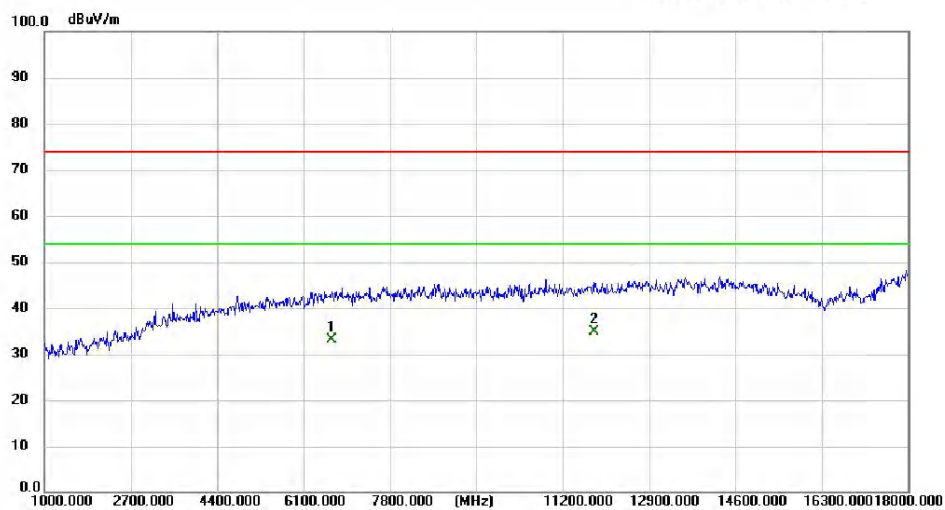
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 11:05:05



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	6665.250	51.34	-18.19	33.15	54.00	-20.85	AVG	150	211	P	
2 *	11818.375	49.69	-14.85	34.84	54.00	-19.16	AVG	150	295	P	

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



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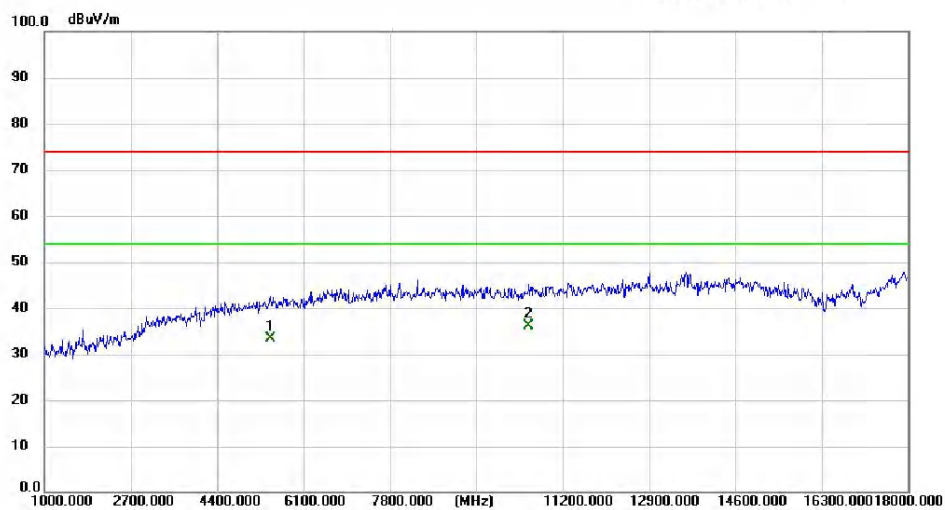
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 11:11:43



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	5464.625	54.32	-20.84	33.48	54.00	-20.52	AVG	150	206	P	
2 *	10541.250	51.77	-15.54	36.23	54.00	-17.77	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: 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: 2026/5/16 11:19:16



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	8703.125	50.61	-16.57	34.04	54.00	-19.96	AVG	150	253	P	
2 *	13639.500	48.81	-13.36	35.45	54.00	-18.55	AVG	150	307	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

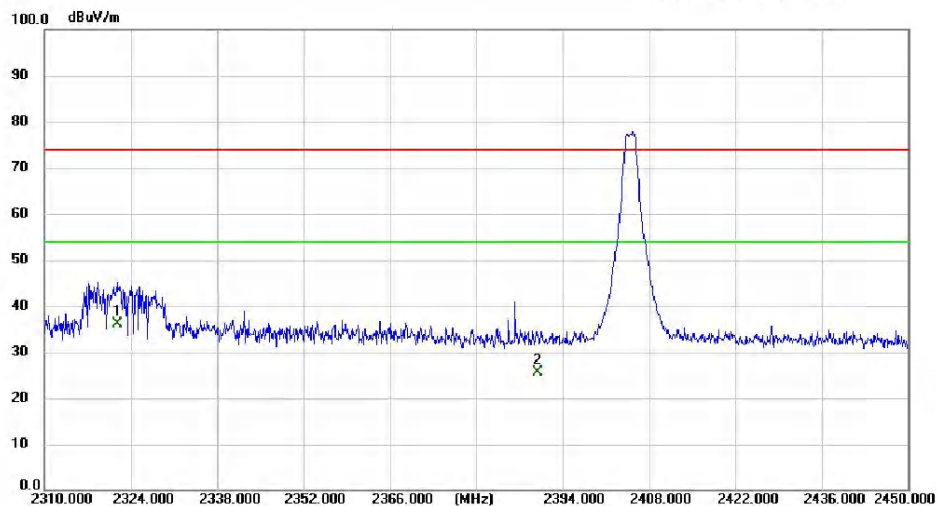


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: BLE & Thread Module Distance: 3m Humidity: 54 %RH
M/N: DD6600 Test Engineer: Felix
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 20:50:11



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 *	2321.883	60.24	-24.12	36.12	54.00	-17.88	AVG	150	211	P	
2	2390.000	49.54	-23.89	25.65	54.00	-28.35	AVG	150	154	P	

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



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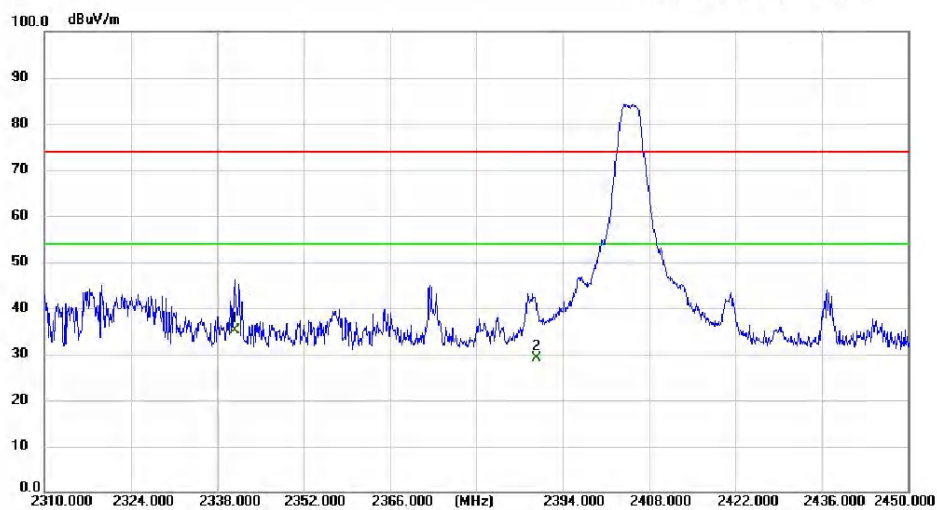
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:55:04



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 *	2340.905	59.17	-24.05	35.12	54.00	-18.88	AVG	150	360	P	
2	2390.000	53.04	-23.89	29.15	54.00	-24.85	AVG	150	185	P	

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



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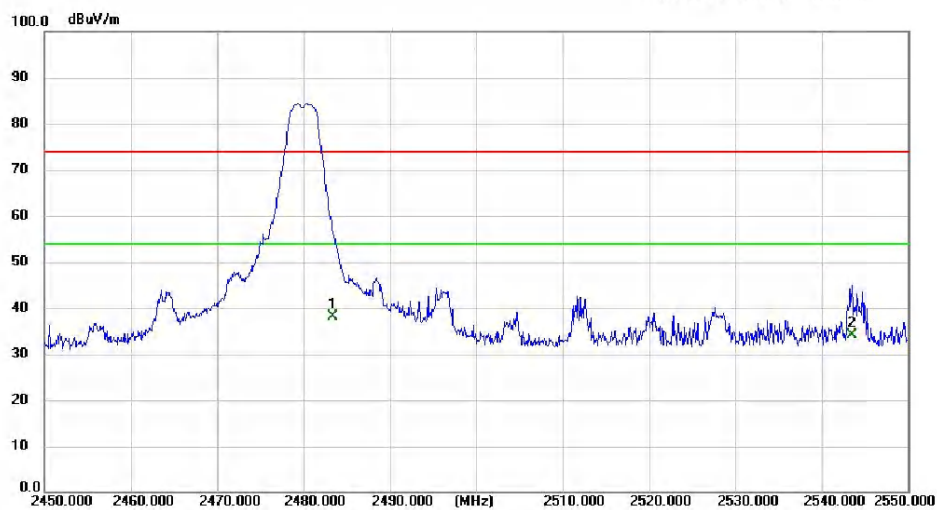
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:59:12



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	61.73	-23.58	38.15	54.00	-15.85	AVG	150	264	P	
2	2543.500	57.54	-23.39	34.15	54.00	-19.85	AVG	150	158	P	

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



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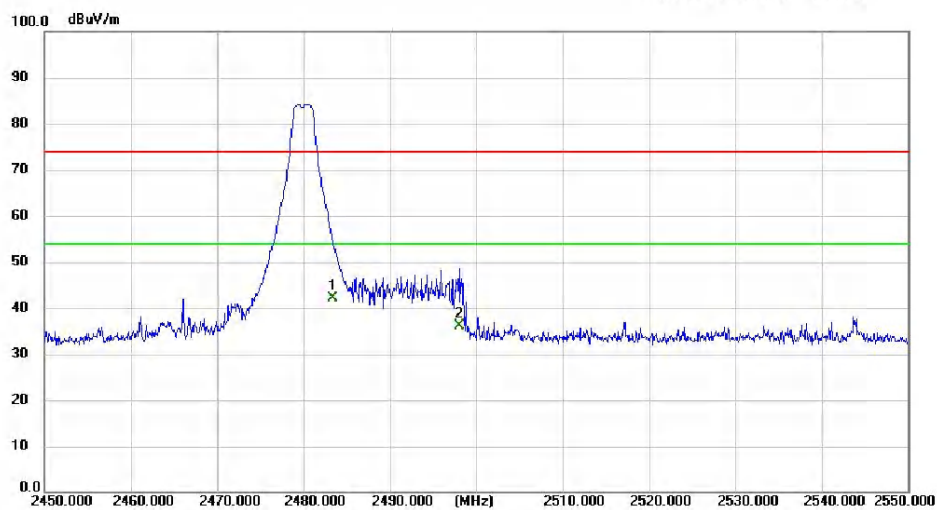
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 21:03:51



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	65.71	-23.58	42.13	54.00	-11.87	AVG	150	251	P	
2	2498.137	59.69	-23.54	36.15	54.00	-17.85	AVG	150	216	P	

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

For ANT2

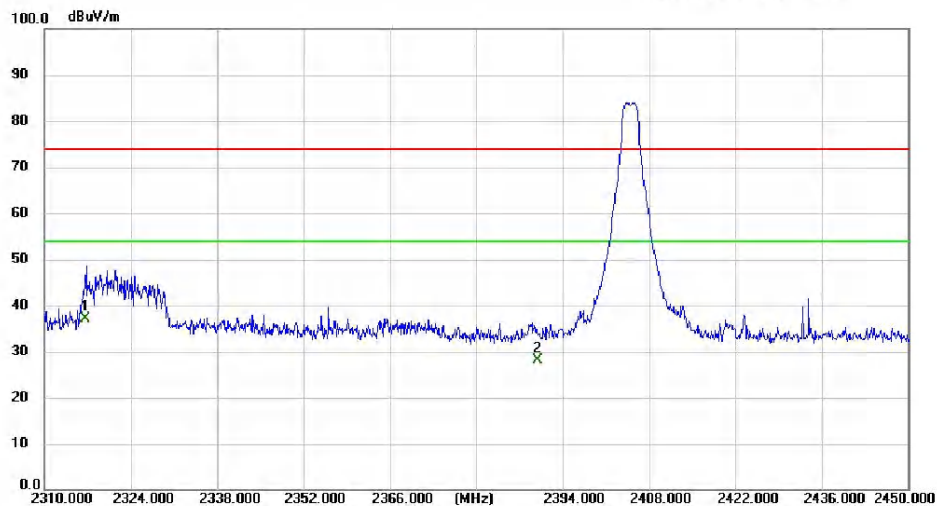


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: DD6600	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 2135:02



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 *	2316.807	61.27	-24.12	37.15	54.00	-16.85	AVG	150	168	P	
2	2390.000	52.04	-23.89	28.15	54.00	-25.85	AVG	150	149	P	

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



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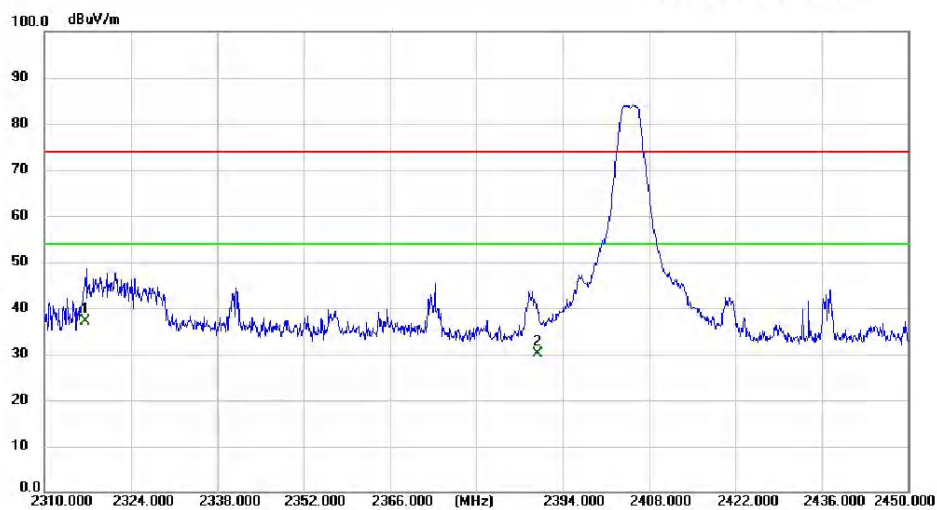
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 21:41:24



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 *	2316.807	61.23	-24.12	37.11	54.00	-16.89	AVG	150	249	P	
2	2390.000	54.01	-23.89	30.12	54.00	-23.88	AVG	150	128	P	

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



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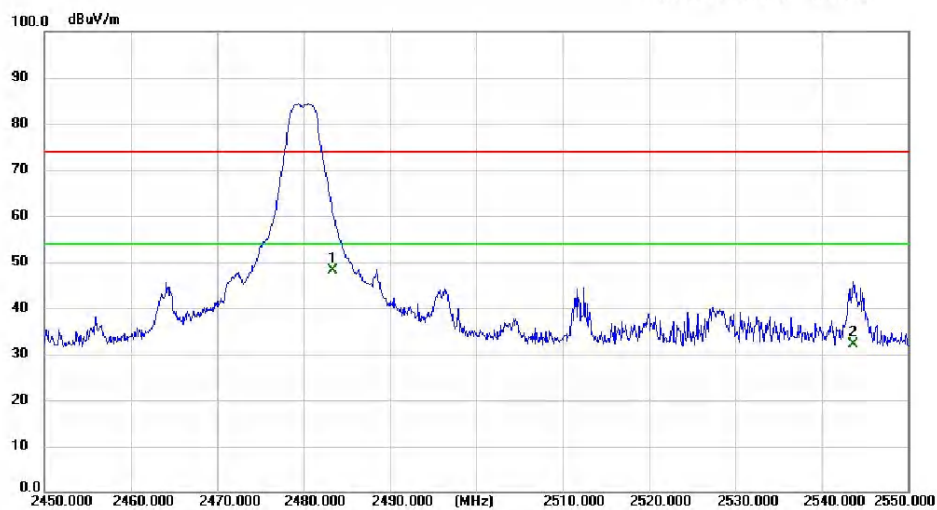
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 21:46:08



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	71.70	-23.58	48.12	54.00	-5.88	AVG	150	161	P	
2	2543.713	55.54	-23.39	32.15	54.00	-21.85	AVG	150	174	P	

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



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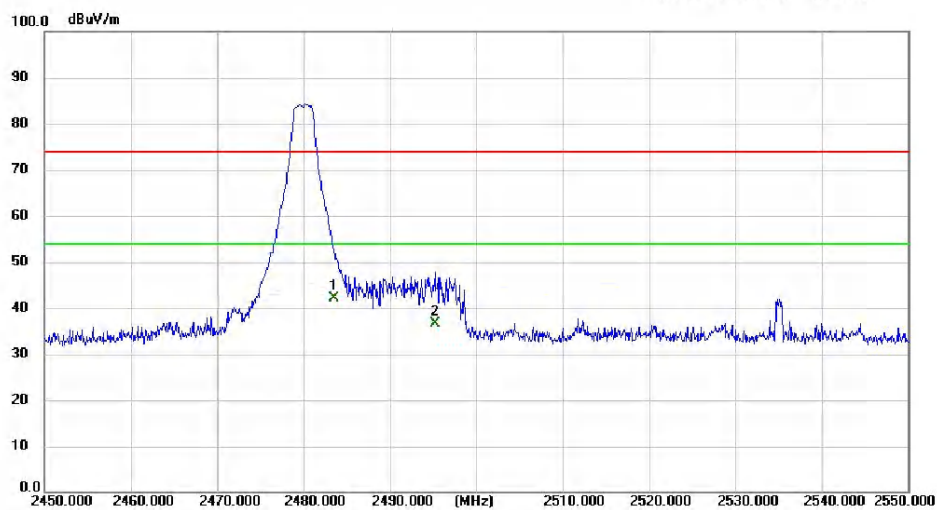
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 21:52:55



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	65.73	-23.58	42.15	54.00	-11.85	AVG	150	155	P	
2	2495.225	60.08	-23.54	36.54	54.00	-17.46	AVG	150	185	P	

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

For ANT3

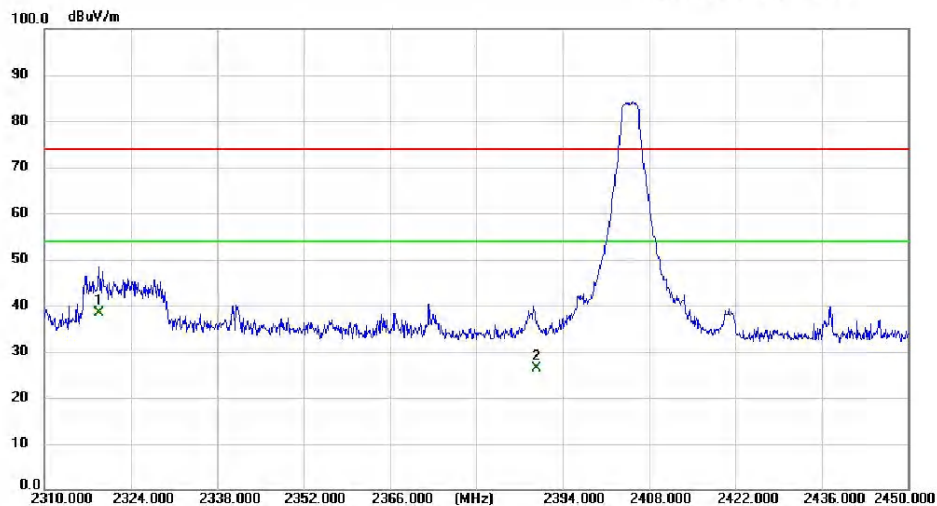


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: DD6600	Test Engineer: Felix	
Test Mode: Thread 2405M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 21:10:13



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 *	2318.838	62.57	-24.13	38.44	54.00	-15.56	AVG	150	230	P	
2	2390.000	50.39	-23.89	26.50	54.00	-27.50	AVG	150	321	P	

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



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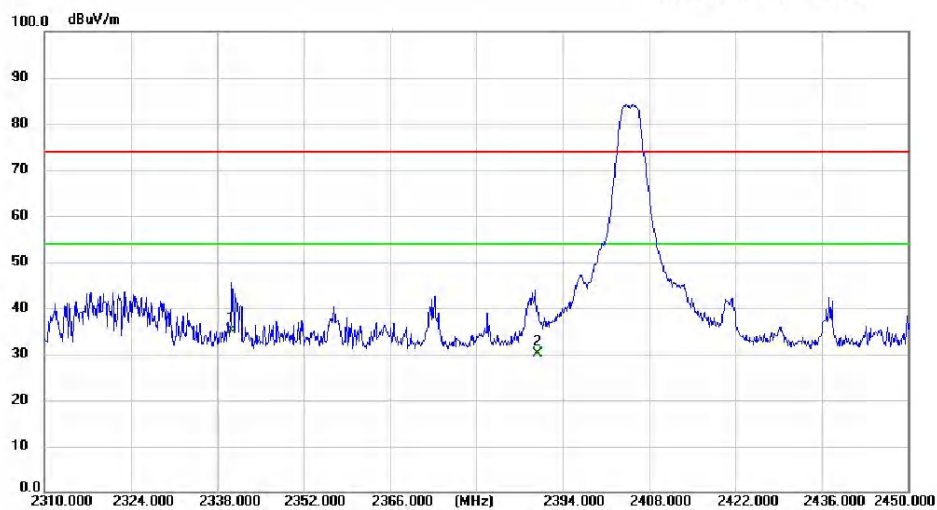
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2405M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 21:16:51



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 *	2340.503	59.20	-24.05	35.15	54.00	-18.85	AVG	150	2061	P	
2	2390.000	54.09	-23.89	30.20	54.00	-23.80	AVG	150	54	P	

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



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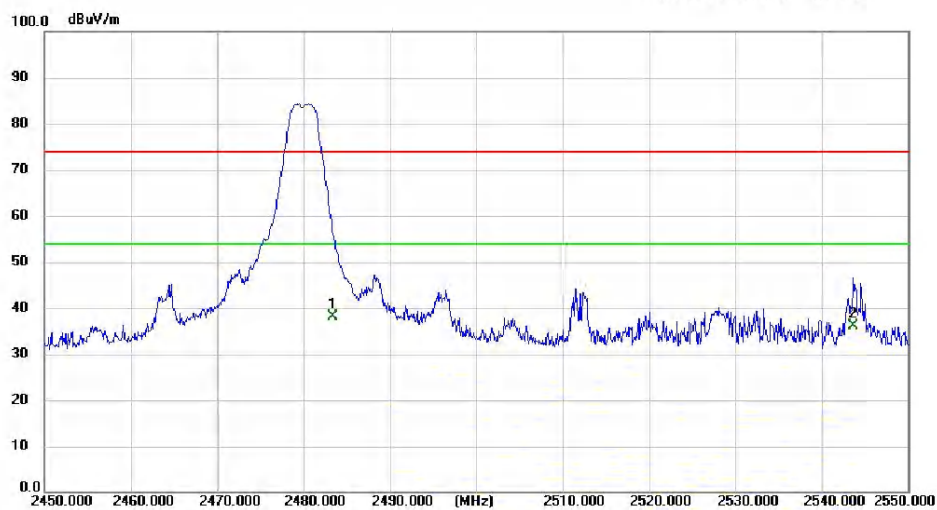
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 21:20:07



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	61.73	-23.58	38.15	54.00	-15.85	AVG	150	236	P	
2	2543.775	59.54	-23.39	36.15	54.00	-17.85	AVG	150	189	P	

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



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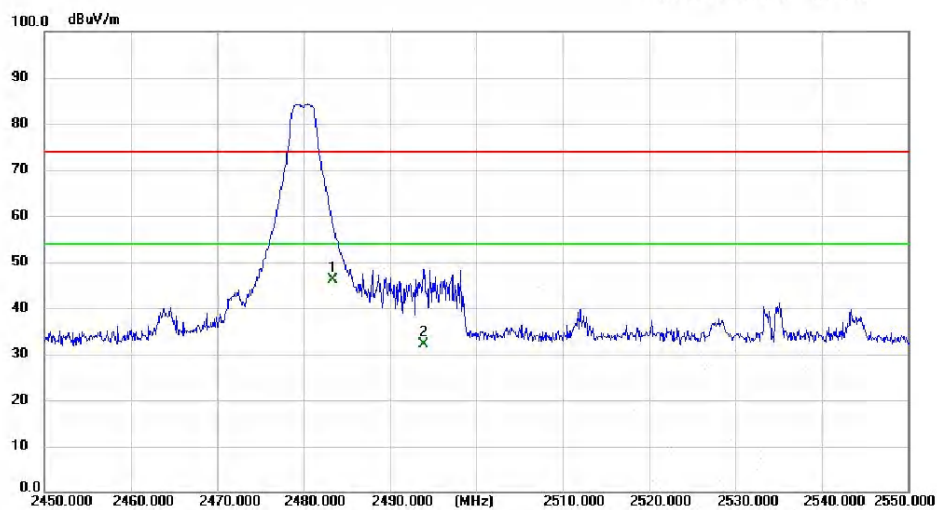
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: Thread 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 21:26:36



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 *	2483.500	69.83	-23.58	46.25	54.00	-7.75	AVG	150	48	P	
2	2493.900	55.65	-23.55	32.10	54.00	-21.90	AVG	150	183	P	

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