



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

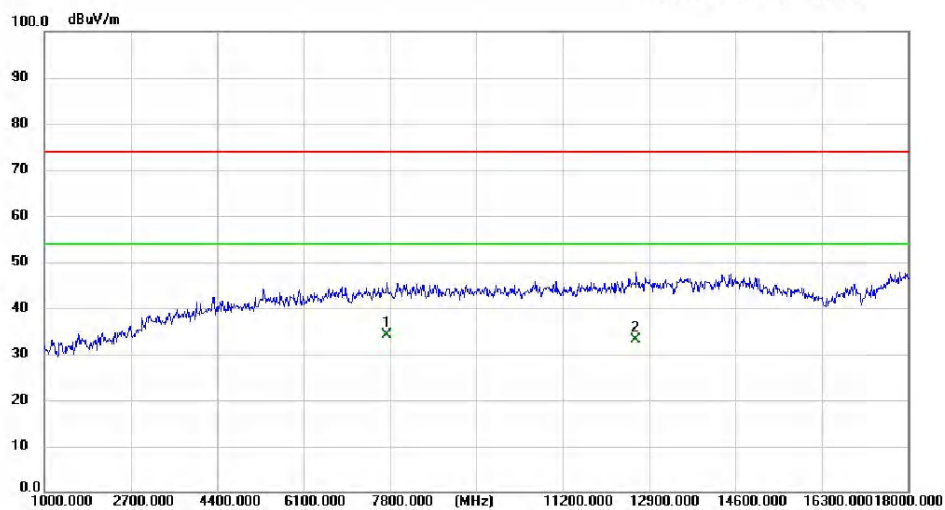
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 23:21:57



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 *	7763.875	51.08	-16.88	34.20	54.00	-19.80	AVG	150	168	P	
2	12651.375	47.30	-14.15	33.15	54.00	-20.85	AVG	150	49	P	

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



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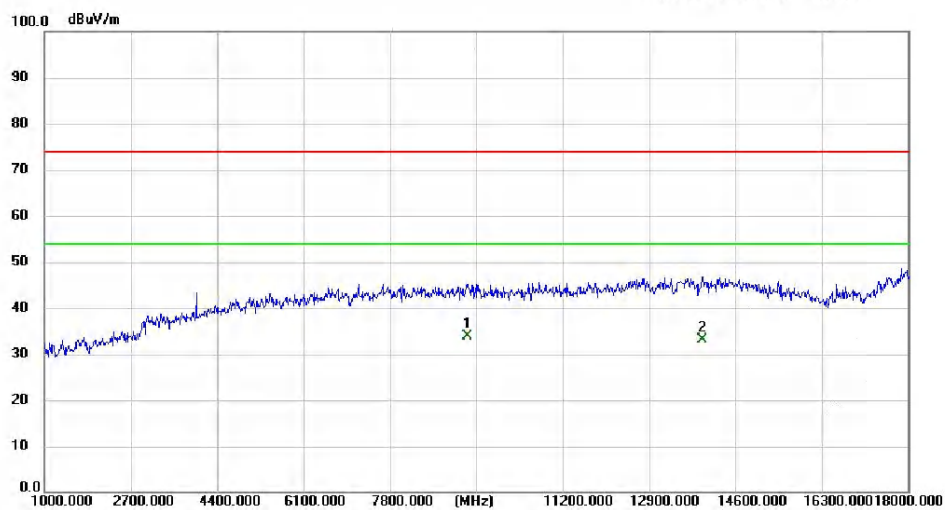
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

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



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 *	9336.375	50.34	-16.34	34.00	54.00	-20.00	AVG	150	218	P	
2	13964.625	46.18	-13.13	33.05	54.00	-20.95	AVG	150	321	P	

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



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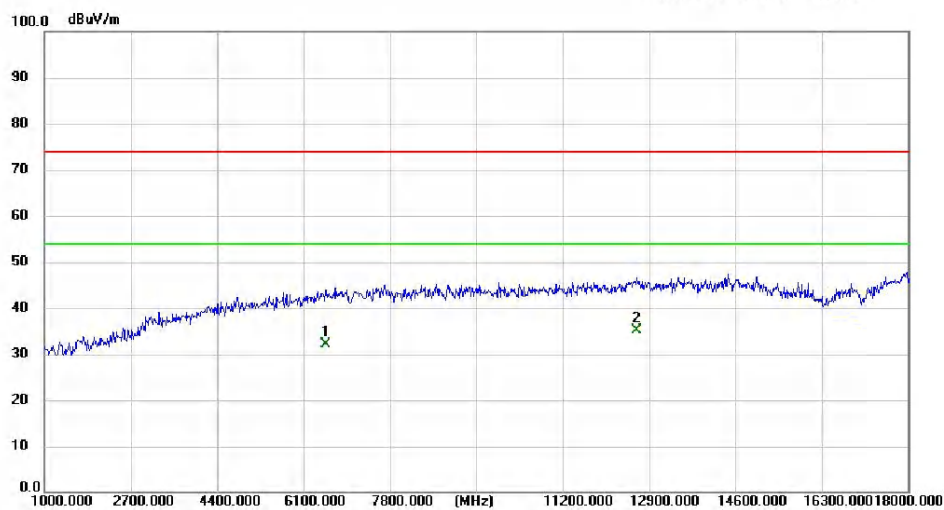
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 23:30:07



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	6544.125	50.60	-18.45	32.15	54.00	-21.85	AVG	150	342	P	
2 *	12672.625	49.23	-14.13	35.10	54.00	-18.90	AVG	150	152	P	

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



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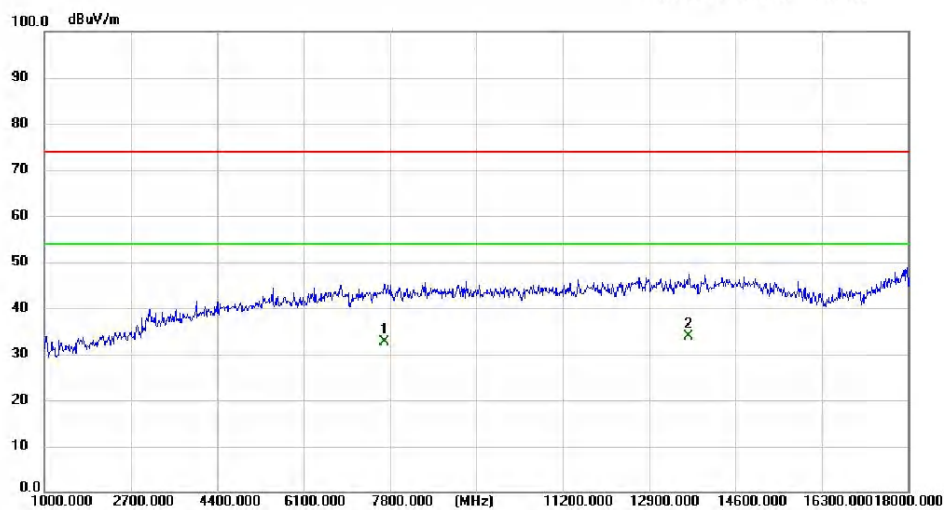
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 8:33:28



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	7710.750	49.55	-16.93	32.62	54.00	-21.38	AVG	150	89	P	
2 *	13686.250	47.16	-13.32	33.84	54.00	-20.16	AVG	150	251	P	

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



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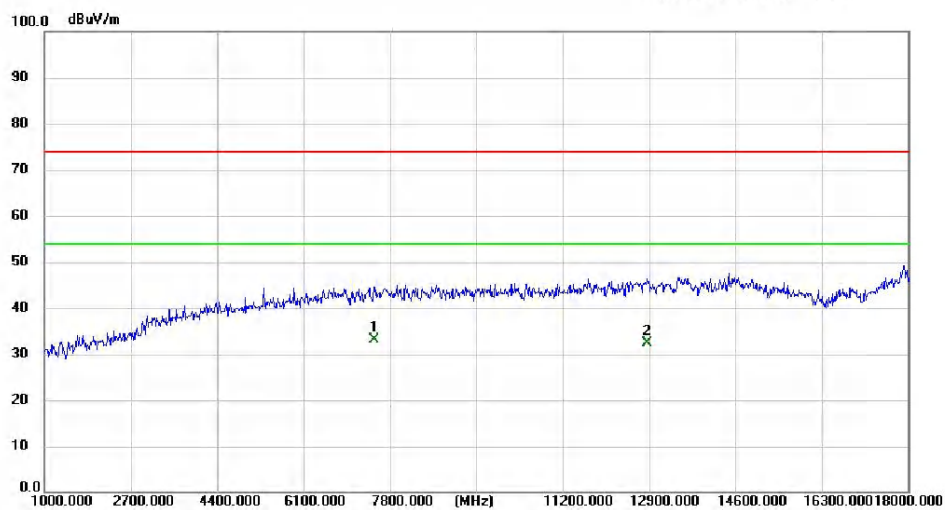
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 8:40:11



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 *	7504.625	50.23	-17.07	33.16	54.00	-20.84	AVG	150	206	P	
2	12870.250	46.41	-13.93	32.48	54.00	-21.52	AVG	150	183	P	

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



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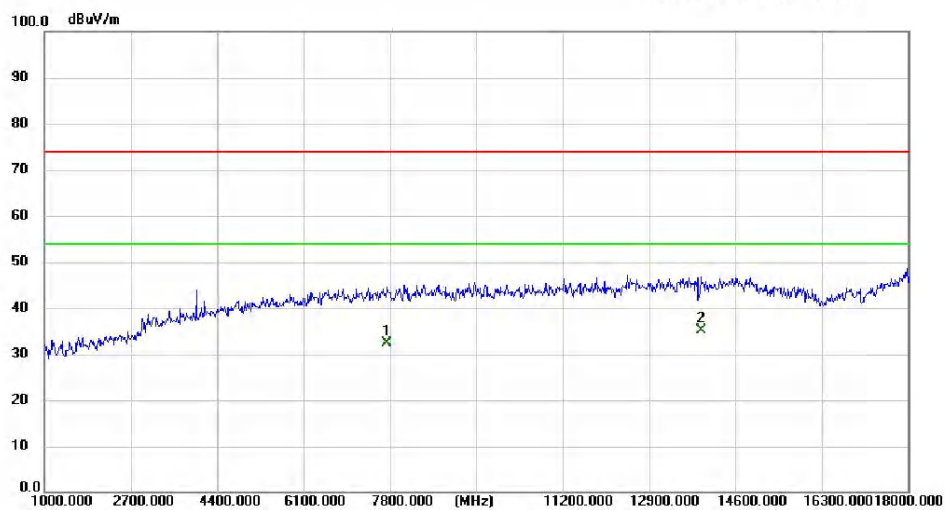
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 8:44:40



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	7757.500	49.37	-16.89	32.48	54.00	-21.52	AVG	150	207	P	
2 *	13928.500	48.21	-13.16	35.05	54.00	-18.95	AVG	150	122	P	

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



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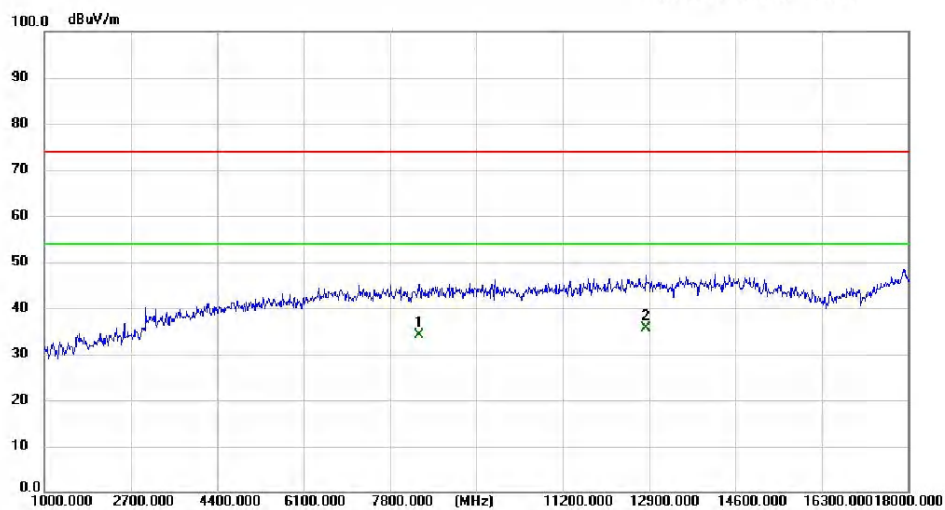
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 8:50:19



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	8388.625	50.69	-16.64	34.05	54.00	-19.95	AVG	150	64	P	
2 *	12838.375	49.48	-13.97	35.51	54.00	-18.49	AVG	150	291	P	

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



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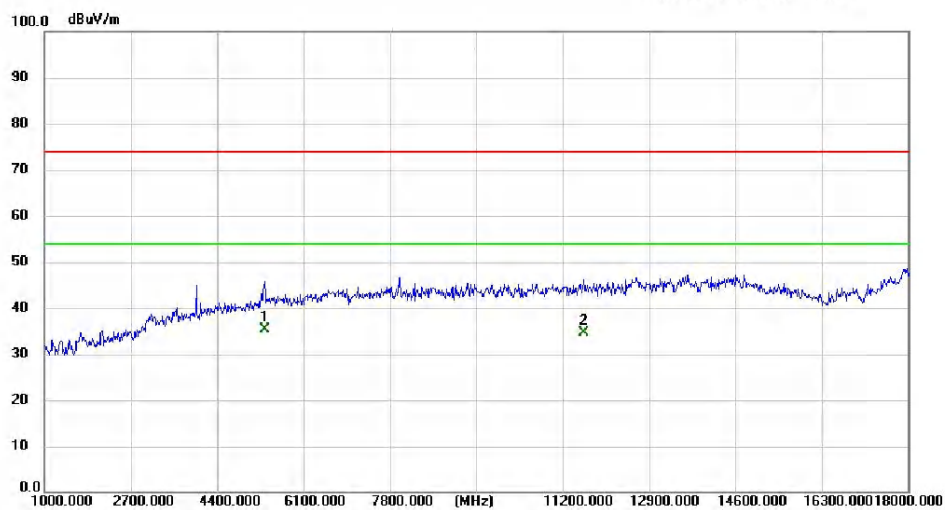
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 8:55:40



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 *	5337.125	56.44	-21.10	35.34	54.00	-18.66	AVG	150	179	P	
2	11629.250	49.56	-14.89	34.67	54.00	-19.33	AVG	150	292	P	

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



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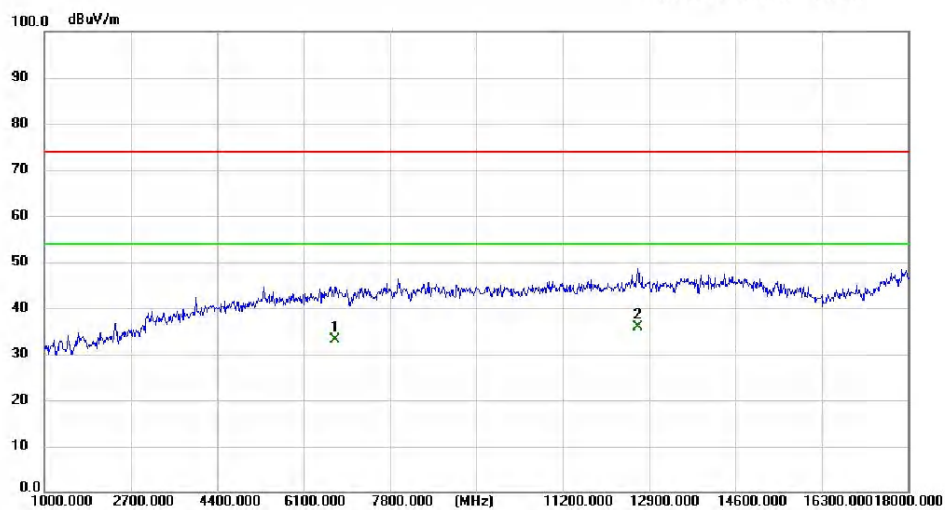
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 500K 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:01:46



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	6737.500	51.22	-18.01	33.21	54.00	-20.79	AVG	150	65	P	
2 *	12683.250	50.06	-14.12	35.94	54.00	-18.06	AVG	150	354	P	

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



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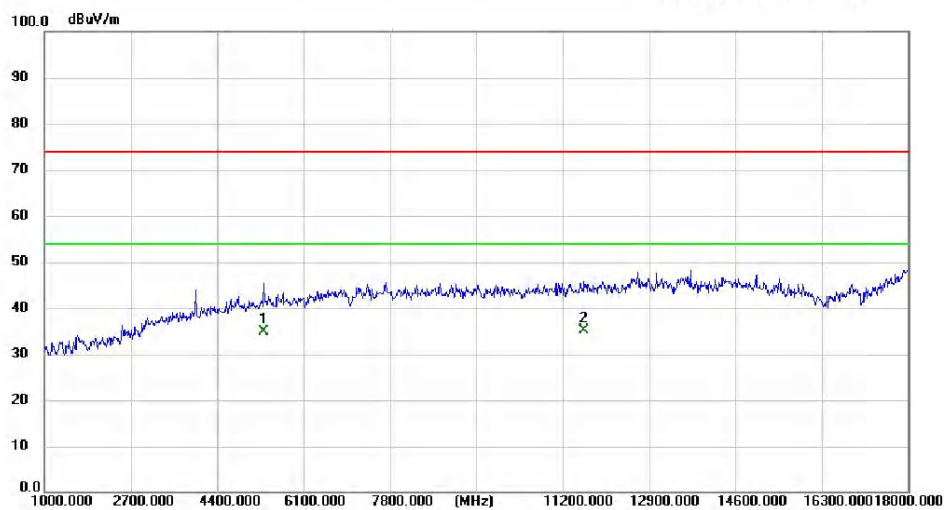
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 500K 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:10:09



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	5326.500	56.07	-21.13	34.94	54.00	-19.06	AVG	150	108	P	
2 *	11631.375	50.14	-14.89	35.25	54.00	-18.75	AVG	150	324	P	

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



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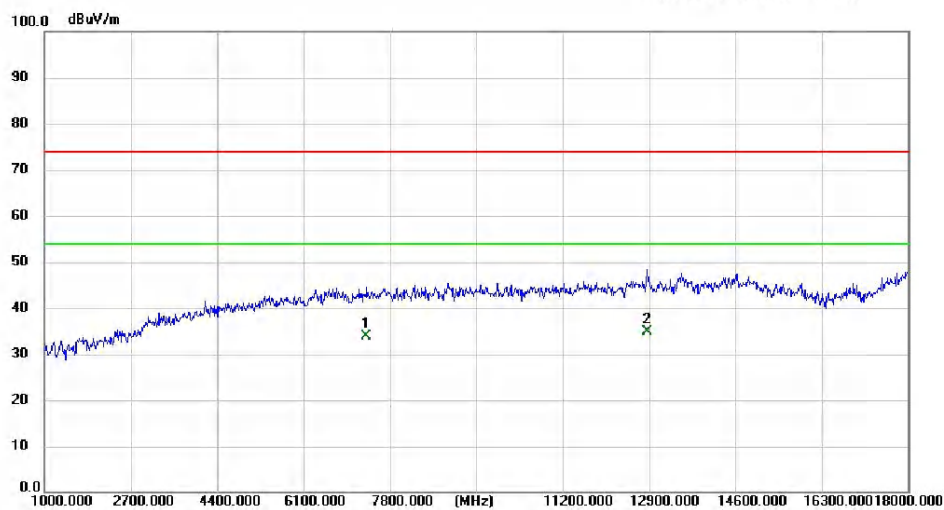
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 500K 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:15:32



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	7349.500	50.97	-17.17	33.80	54.00	-20.20	AVG	150	136	P	
2 *	12876.625	48.87	-13.92	34.95	54.00	-19.05	AVG	150	147	P	

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



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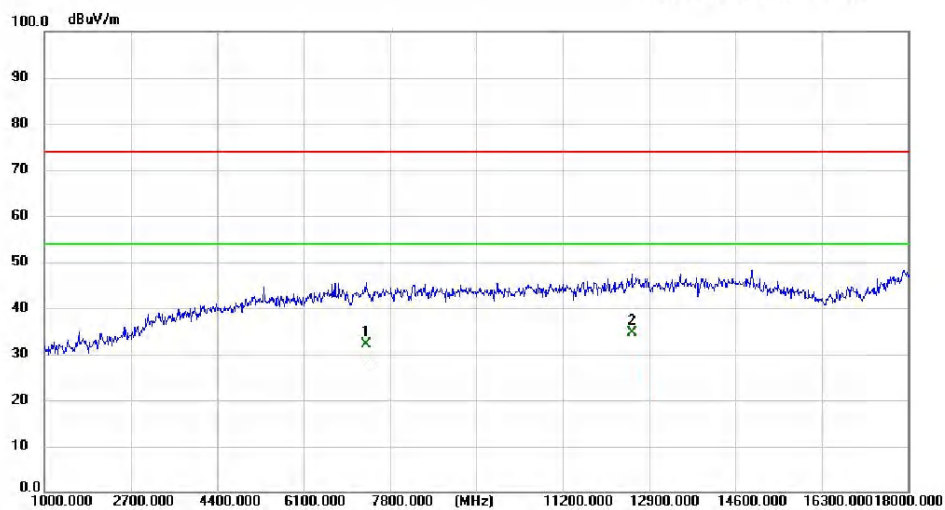
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 500K 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:20:57



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	7330.375	49.33	-17.18	32.15	54.00	-21.85	AVG	150	86	P	
2 *	12574.875	48.96	-14.22	34.74	54.00	-19.26	AVG	150	218	P	

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



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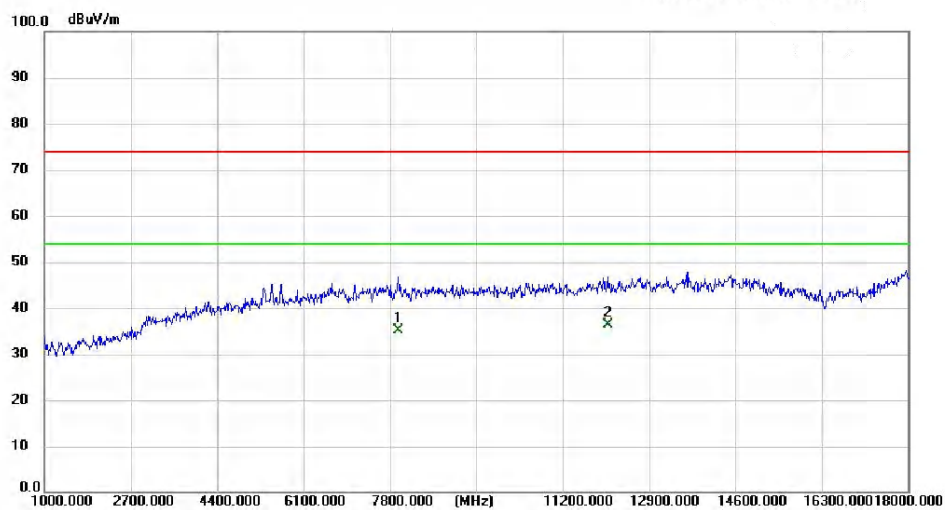
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 500K 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:25:07



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	7980.625	51.93	-16.75	35.18	54.00	-18.82	AVG	150	268	P	
2 *	12094.625	51.14	-14.70	36.44	54.00	-17.56	AVG	150	181	P	

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



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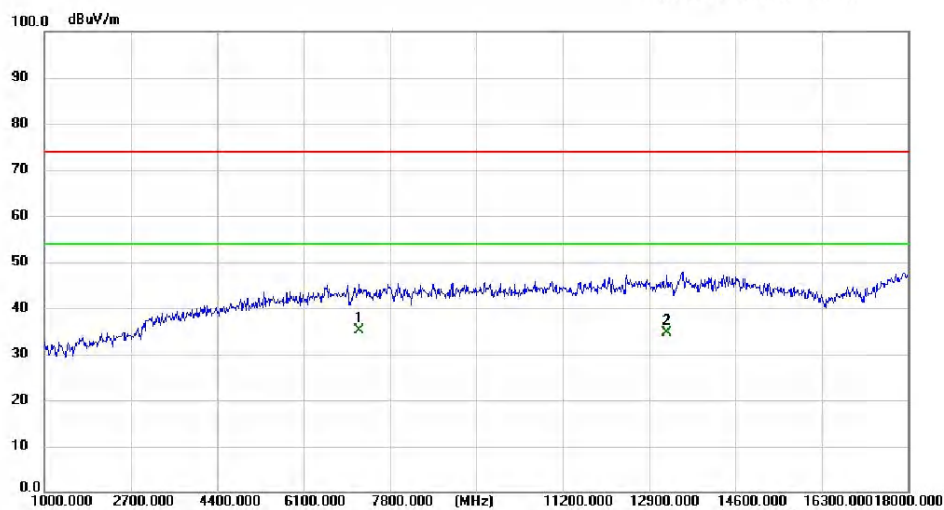
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 500K 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:29:31



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 *	7219.875	52.40	-17.25	35.15	54.00	-18.85	AVG	150	214	P	
2	13257.000	48.19	-13.63	34.56	54.00	-19.44	AVG	150	231	P	

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



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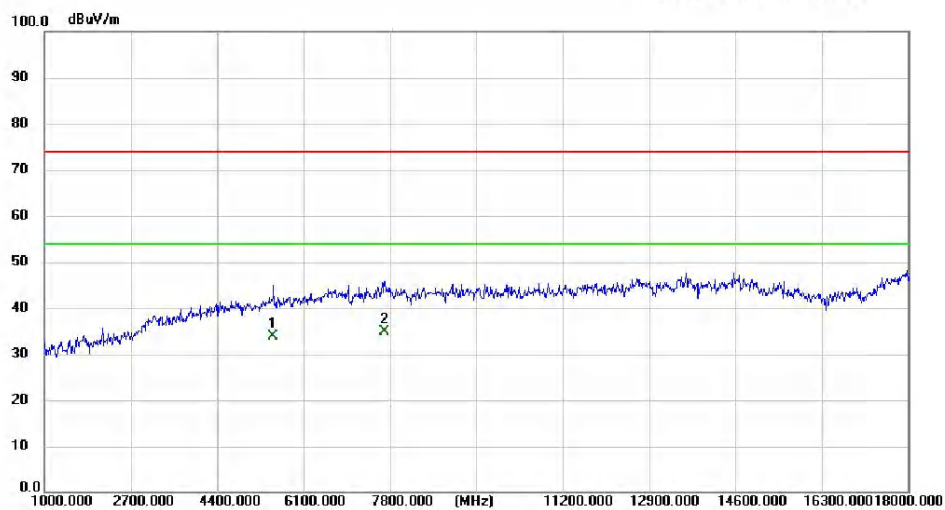
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 125K 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:34:39



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	5519.875	54.70	-20.72	33.98	54.00	-20.02	AVG	150	234	P	
2 *	7698.000	51.79	-16.93	34.86	54.00	-19.14	AVG	150	192	P	

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



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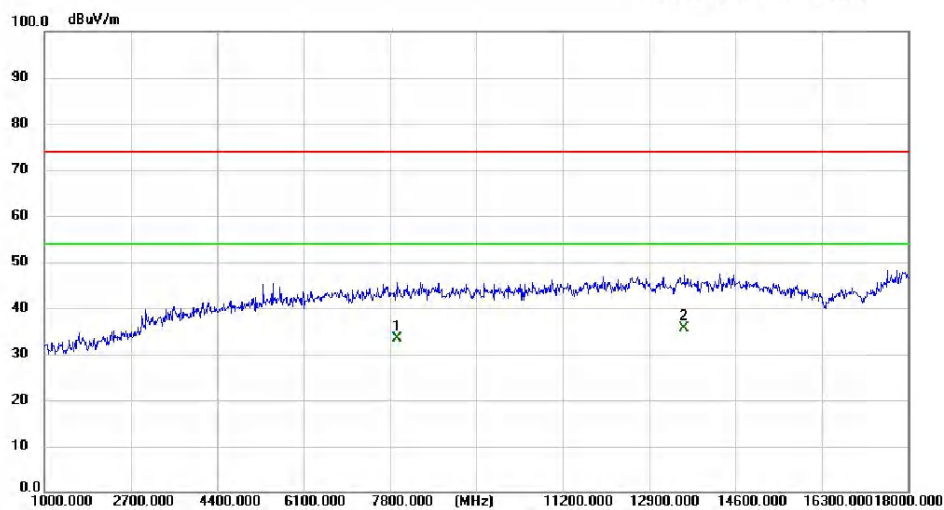
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 125K 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:40:06



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	7967.875	50.24	-16.75	33.49	54.00	-20.51	AVG	150	52	P	
2 *	13605.500	49.04	-13.39	35.65	54.00	-18.35	AVG	150	260	P	

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



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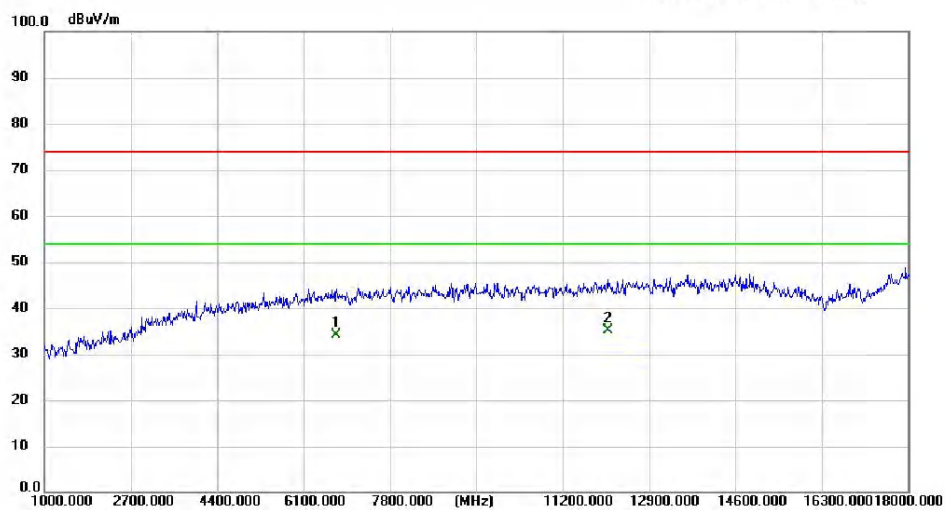
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 125K 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:45:18



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	6758.750	52.18	-17.96	34.22	54.00	-19.78	AVG	150	219	P	
2 *	12094.625	49.89	-14.70	35.19	54.00	-18.81	AVG	150	261	P	

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



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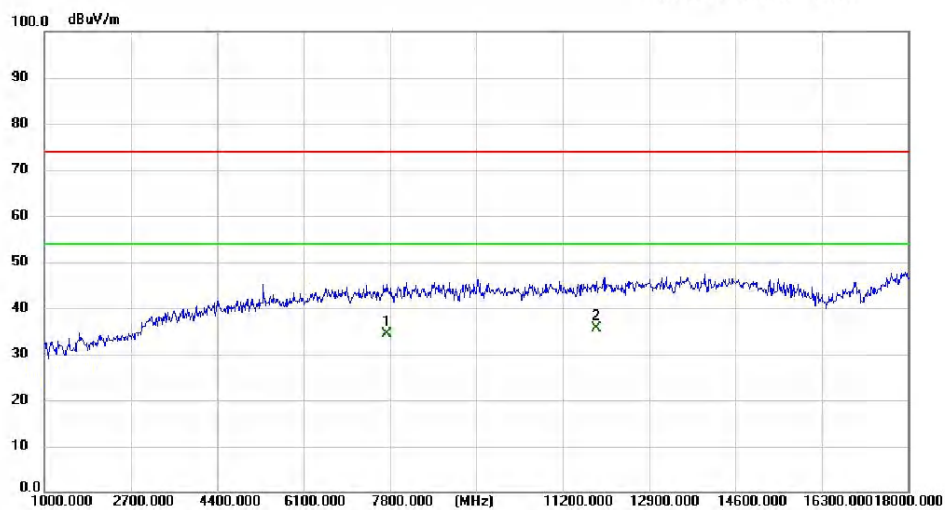
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 125K 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:50:04



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	7744.750	51.31	-16.90	34.41	54.00	-19.59	AVG	150	133	P	
2 *	11863.000	50.48	-14.84	35.64	54.00	-18.36	AVG	150	245	P	

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



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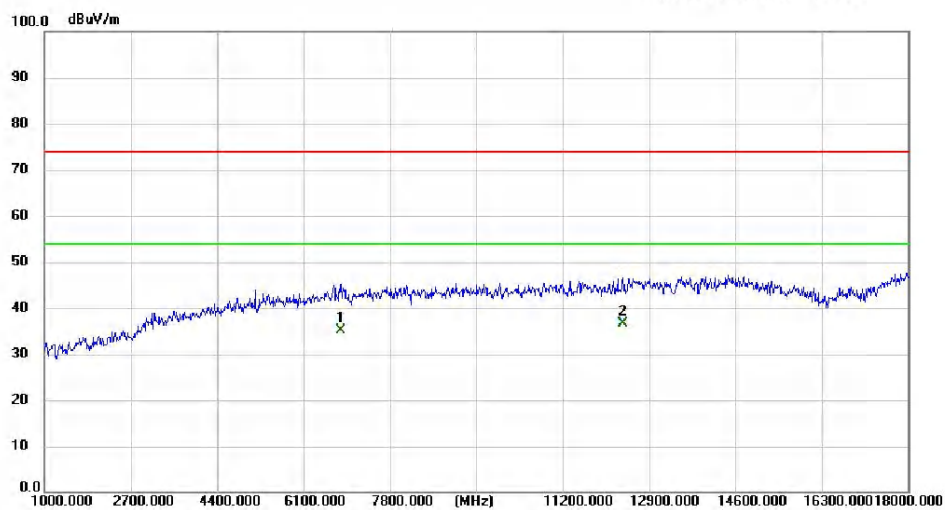
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 125K 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 9:54:36



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	6833.125	52.81	-17.79	35.02	54.00	-18.98	AVG	150	266	P	
2 *	12400.625	51.07	-14.40	36.67	54.00	-17.33	AVG	150	352	P	

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



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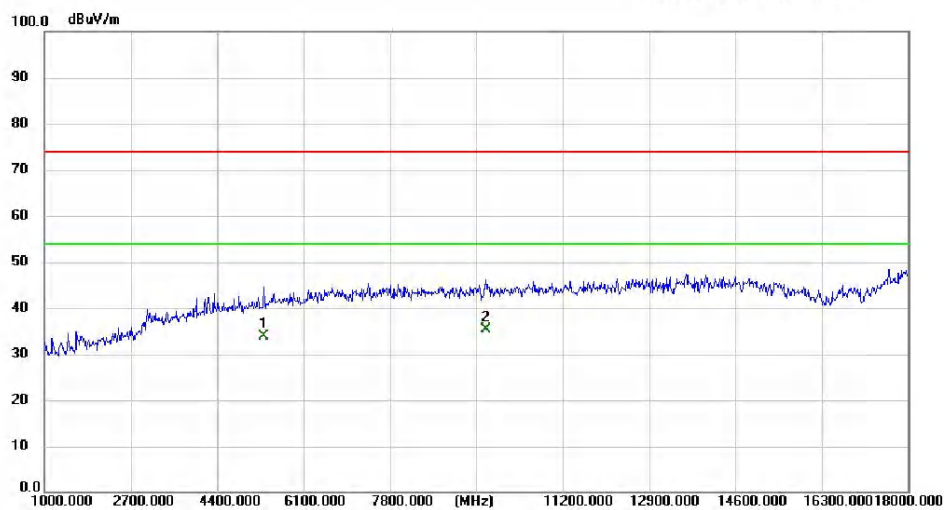
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 125K 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/16 10:01:16



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	5328.625	55.09	-21.13	33.96	54.00	-20.04	AVG	150	219	P	
2 *	9695.500	51.65	-16.20	35.45	54.00	-18.55	AVG	150	314	P	

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

1GHz - 18GHz for ANT2

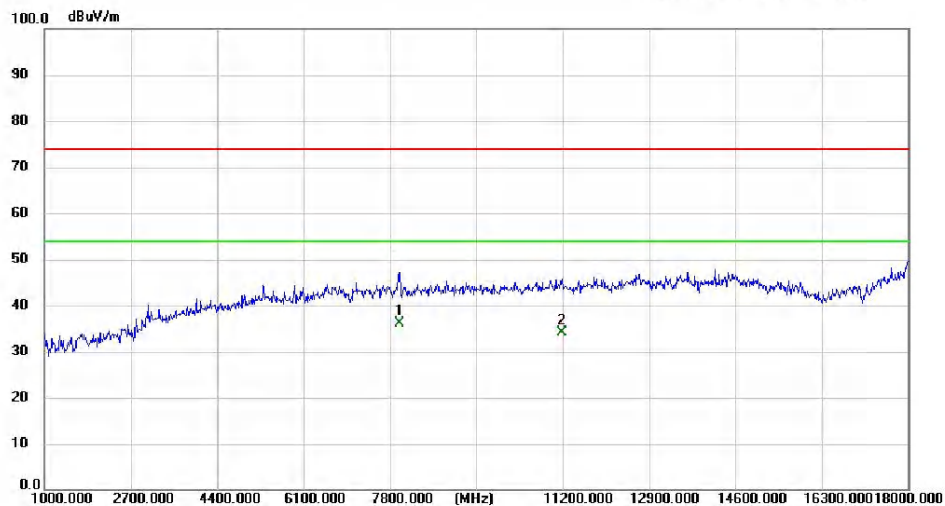


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: BLE & Thread Module	Test Engineer: Felix	
Test Mode: BLE 1M 2402M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 21:50:32



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 *	7997.625	52.85	-16.73	36.12	54.00	-17.88	AVG	150	206	P	
2	11183.000	49.25	-15.03	34.22	54.00	-19.78	AVG	150	123	P	

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



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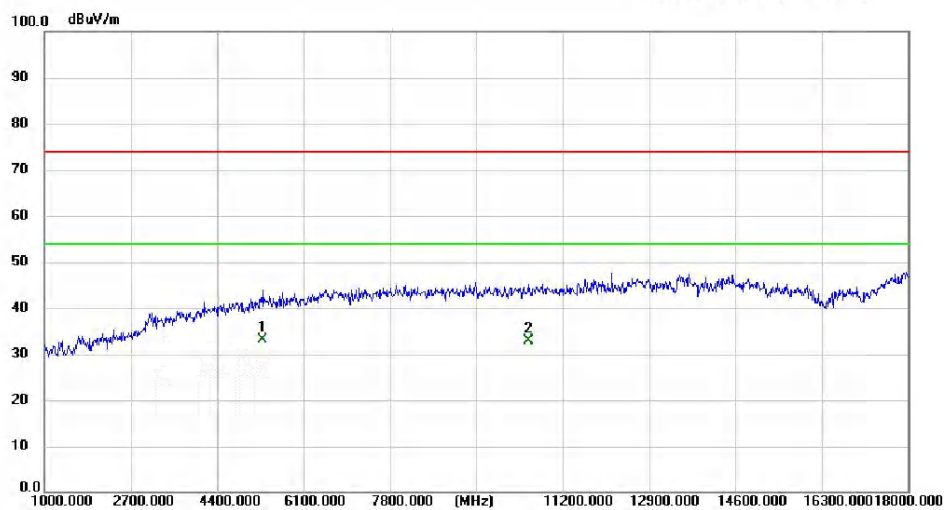
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 21:56:04



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 *	5311.625	54.34	-21.16	33.18	54.00	-20.82	AVG	150	187	P	
2	10534.875	48.50	-15.55	32.95	54.00	-21.05	AVG	150	169	P	

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



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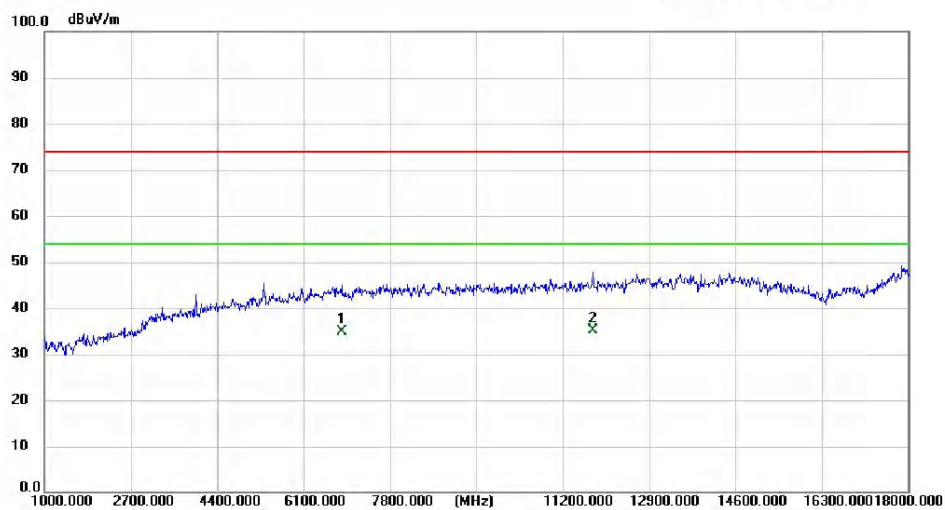
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:02:00



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	6856.500	52.55	-17.73	34.82	54.00	-19.18	AVG	150	354	P	
2 *	11805.625	50.00	-14.85	35.15	54.00	-18.85	AVG	150	158	P	

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



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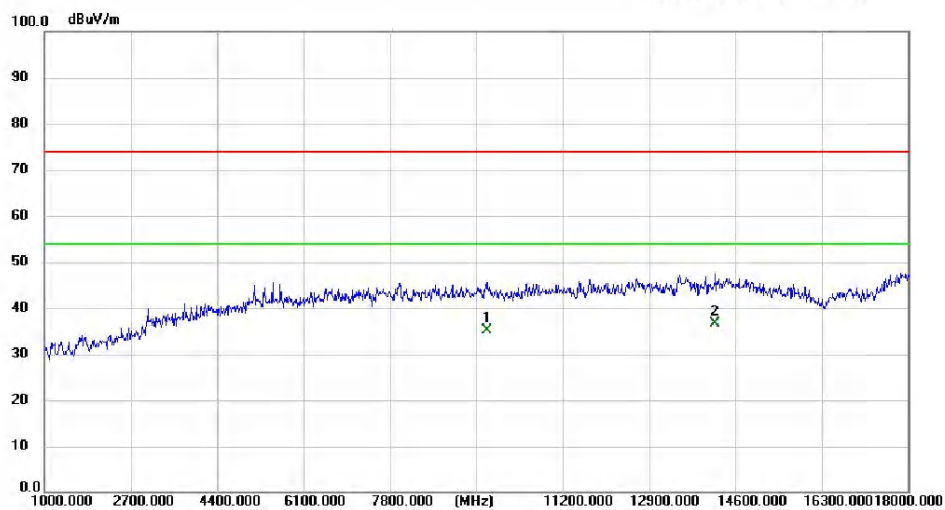
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:08:28



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	9712.500	51.34	-16.19	35.15	54.00	-18.85	AVG	150	65	P	
2 *	14217.500	49.68	-13.17	36.51	54.00	-17.49	AVG	150	184	P	

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



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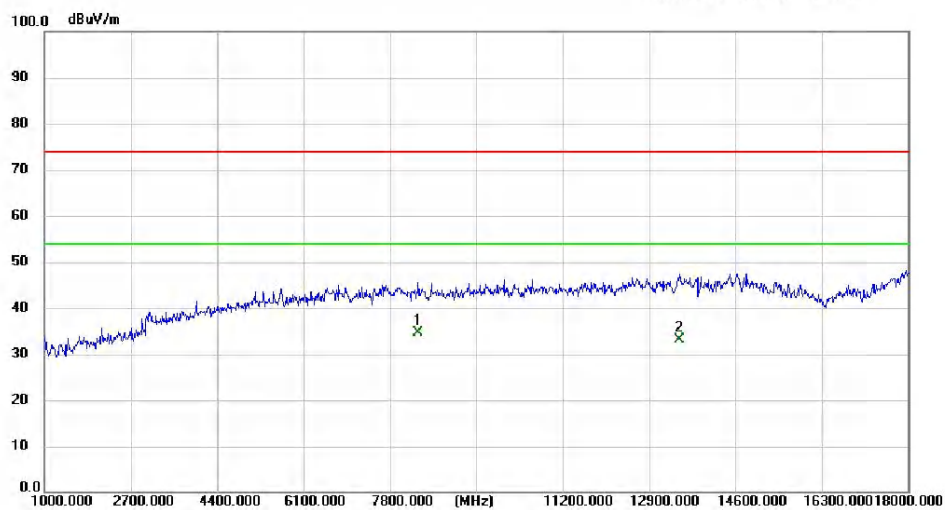
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:12:11



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 *	8373.750	51.39	-16.65	34.74	54.00	-19.26	AVG	150	216	P	
2	13503.500	46.65	-13.46	33.19	54.00	-20.81	AVG	150	265	P	

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



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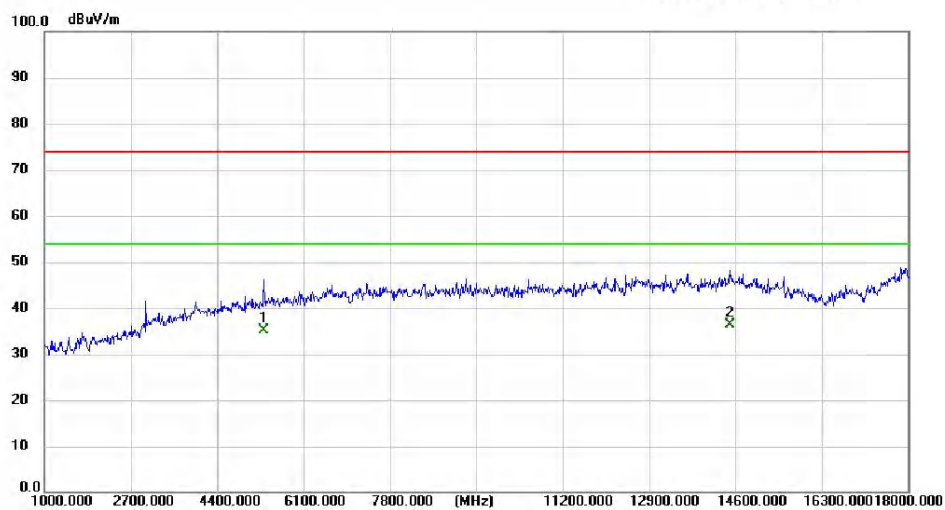
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:18:46



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	5326.500	56.28	-21.13	35.15	54.00	-18.85	AVG	150	166	P	
2 *	14512.875	49.56	-13.27	36.29	54.00	-17.71	AVG	150	247	P	

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

File: RSE-BLE-陶瓷天线\Data :#6

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Engineer Signature:



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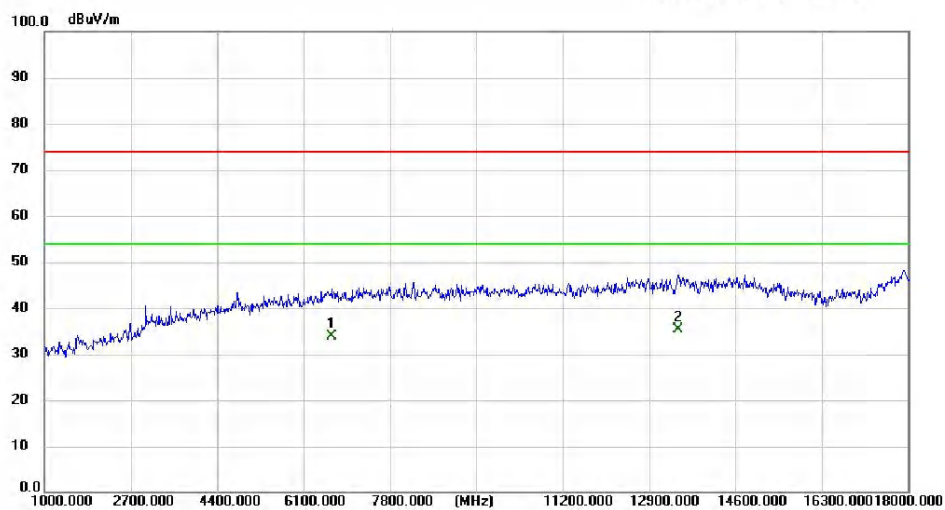
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:24:51



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	6665.250	52.13	-18.19	33.94	54.00	-20.06	AVG	150	308	P	
2 *	13484.375	48.90	-13.47	35.43	54.00	-18.57	AVG	150	114	P	

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

File: RSE-BLE-陶瓷天线\Data :#7

Page: 1

Engineer Signature:



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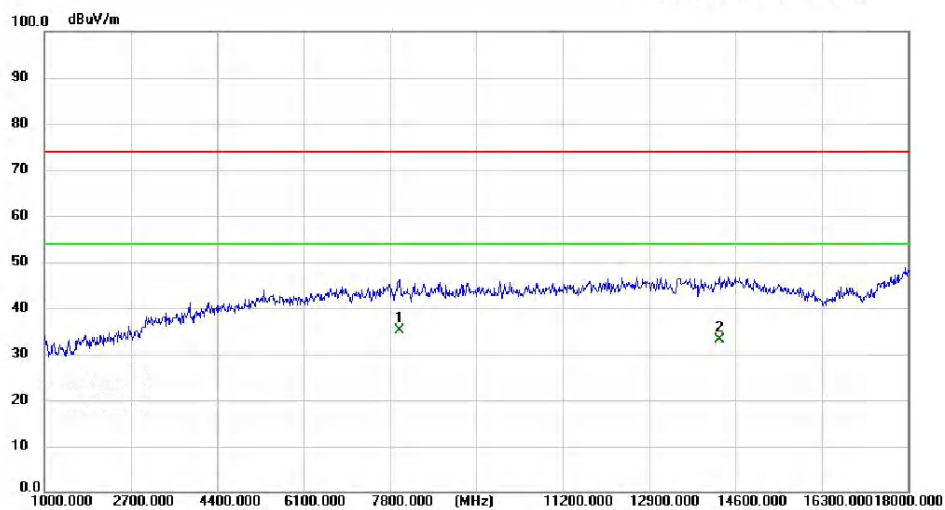
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:31:08



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 *	7995.500	51.91	-16.73	35.18	54.00	-18.82	AVG	150	205	P	
2	14308.875	46.36	-13.21	33.15	54.00	-20.85	AVG	150	186	P	

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



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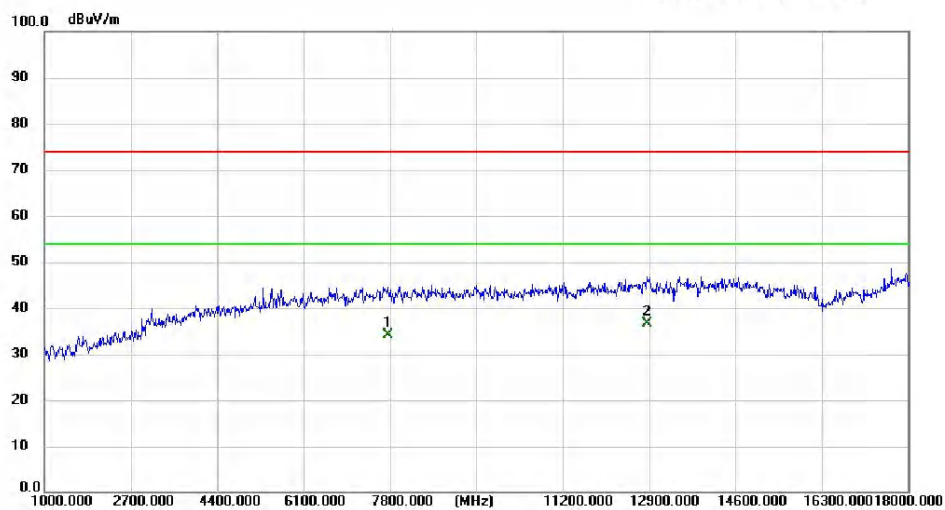
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:36:08



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	7780.875	51.00	-16.88	34.12	54.00	-19.88	AVG	150	0	P	
2 *	12874.500	50.45	-13.93	36.52	54.00	-17.48	AVG	150	0	P	

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



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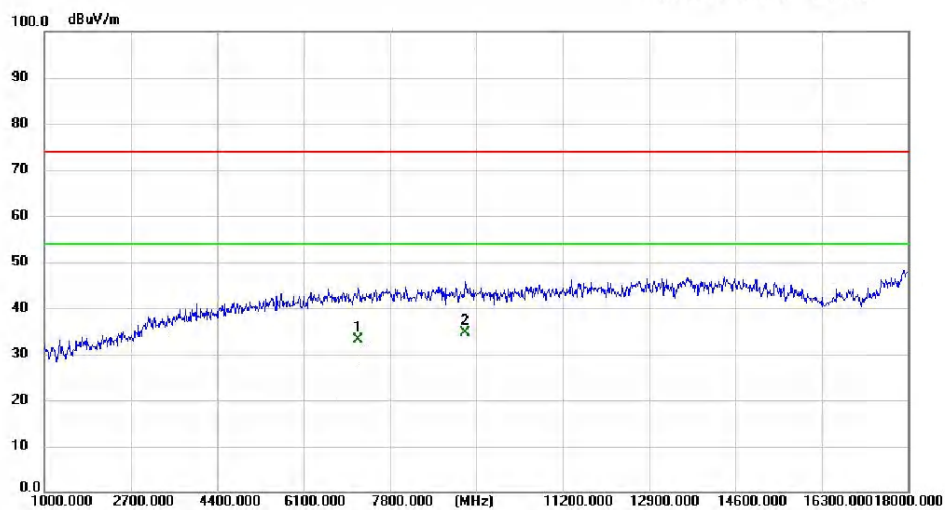
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2440M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:41:55



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	7175.250	50.41	-17.29	33.12	54.00	-20.88	AVG	150	2061	P	
2 *	9281.125	50.93	-16.37	34.56	54.00	-19.44	AVG	150	54	P	

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



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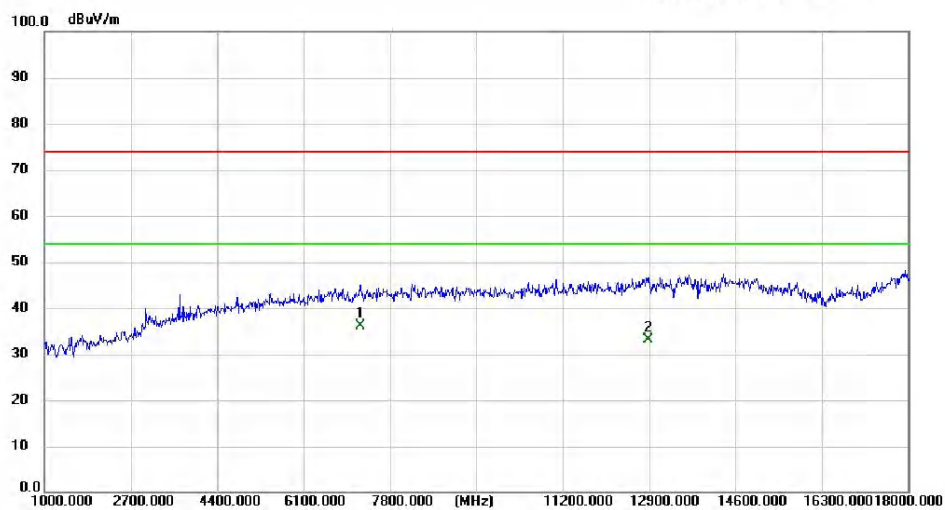
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: BLE & Thread Module
Test Mode: BLE 2M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 22:47:44



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 *	7232.625	53.37	-17.25	36.12	54.00	-17.88	AVG	150	189	P	
2	12891.500	47.06	-13.91	33.15	54.00	-20.85	AVG	150	135	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 2M 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 22:52:00



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	5341.375	55.21	-21.09	34.12	54.00	-19.88	AVG	150	216	P	
2 *	9689.125	51.72	-16.20	35.52	54.00	-18.48	AVG	150	157	P	

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

Appendix A.3: Test Results of Radiated Emissions in Restricted Bands

For ANT1

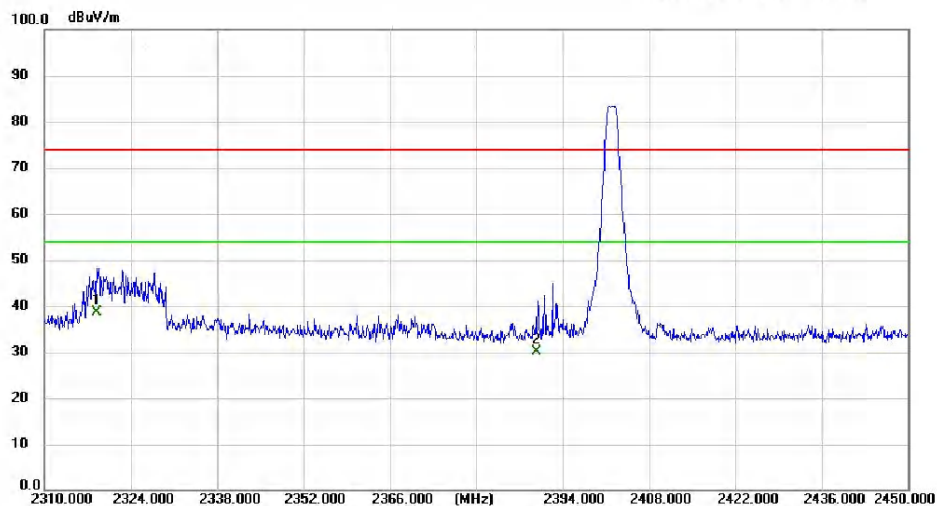


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: BLE & Thread Module Distance: 3m Humidity: 54 %RH
M/N: DD6600 Test Engineer: Felix
Test Mode: BLE 1M 2402M
Test Voltage: DC 3.3V
Note:

Radiated Emission Measurement

Test Date: 2026/5/15 19:26:53



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 *	2318.523	62.75	-24.13	38.62	54.00	-15.38	AVG	150	201	P	
2	2390.000	53.99	-23.89	30.10	54.00	-23.90	AVG	150	154	P	

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



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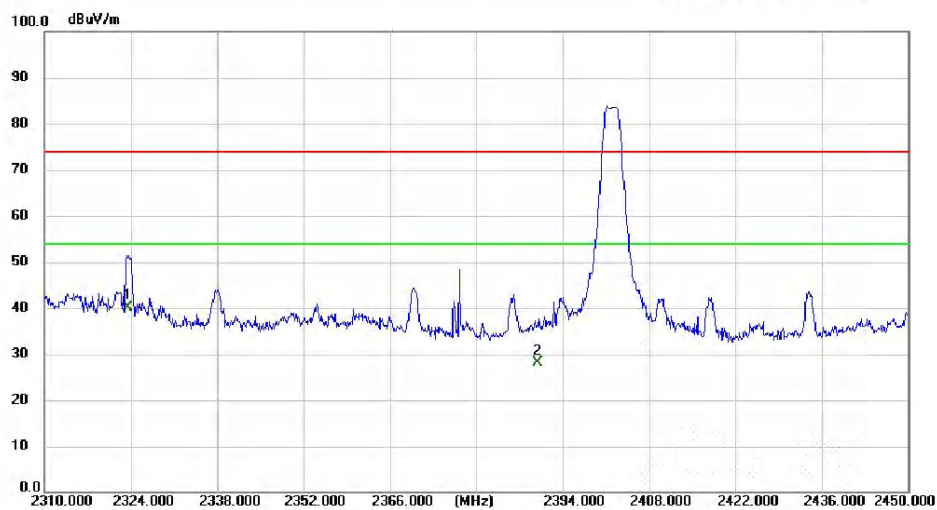
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 1M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 19:30:27



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 *	2323.755	64.22	-24.10	40.12	54.00	-13.88	AVG	150	116	P	
2	2390.000	52.00	-23.89	28.11	54.00	-25.89	AVG	150	244	P	

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



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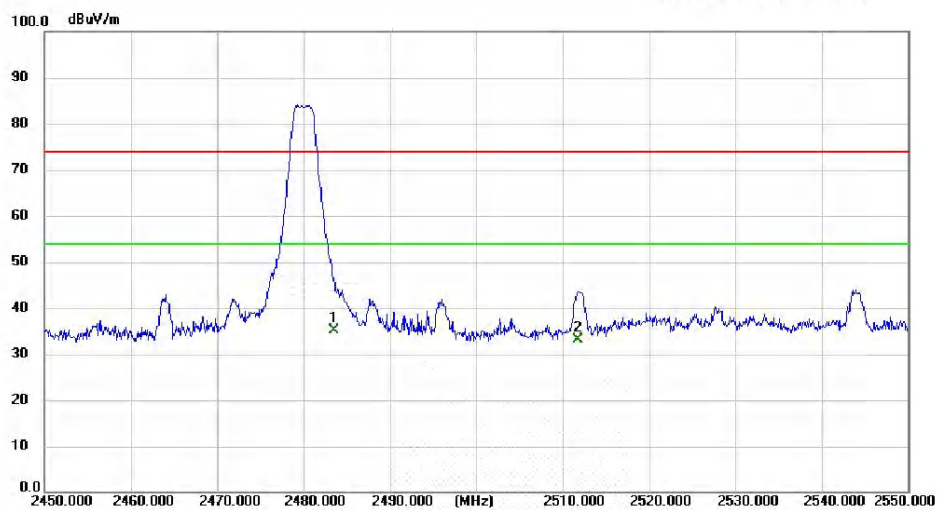
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 19:35:03



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 *	2483.500	58.70	-23.58	35.12	54.00	-18.88	AVG	150	145	P	
2	2511.800	56.61	-23.49	33.12	54.00	-20.88	AVG	150	124	P	

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



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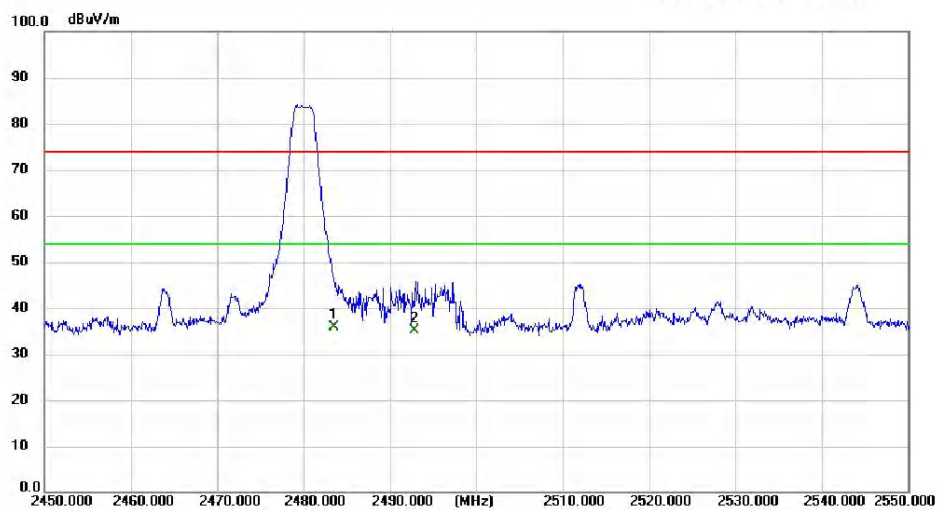
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 1M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 19:40:51



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	59.43	-23.58	35.85	54.00	-18.15	AVG	150	106	P	
2	2493.012	58.68	-23.56	35.12	54.00	-18.88	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	Polarization: Horizontal	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: DD6600	Test Engineer: Felix	
Test Mode: BLE 2M 2480M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 19:44:40



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 *	2483.500	63.10	-23.58	39.52	54.00	-14.48	AVG	150	211	P	
2	2489.912	60.31	-23.57	36.74	54.00	-17.26	AVG	150	152	P	

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



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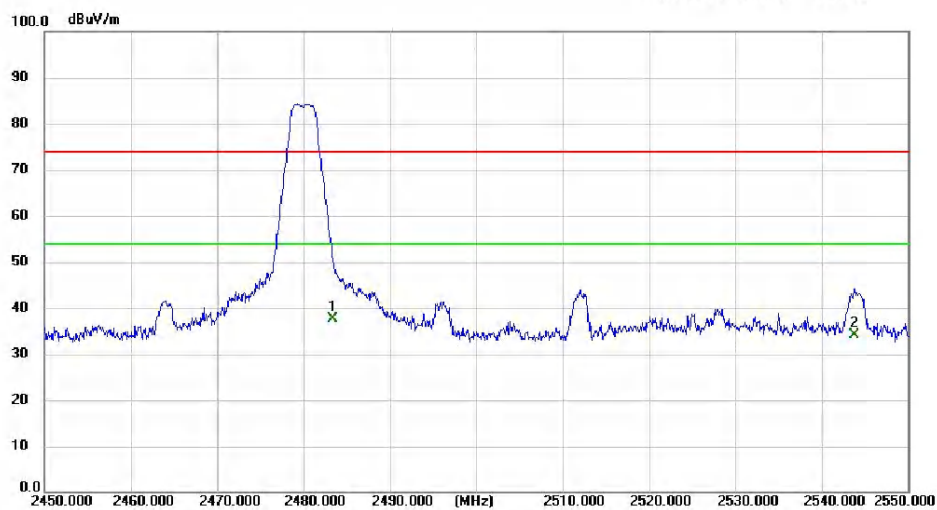
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 2M 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 19:49:03



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 *	2483.500	61.16	-23.58	37.58	54.00	-16.42	AVG	150	206	P	
2	2543.800	57.49	-23.39	34.10	54.00	-19.90	AVG	150	142	P	

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



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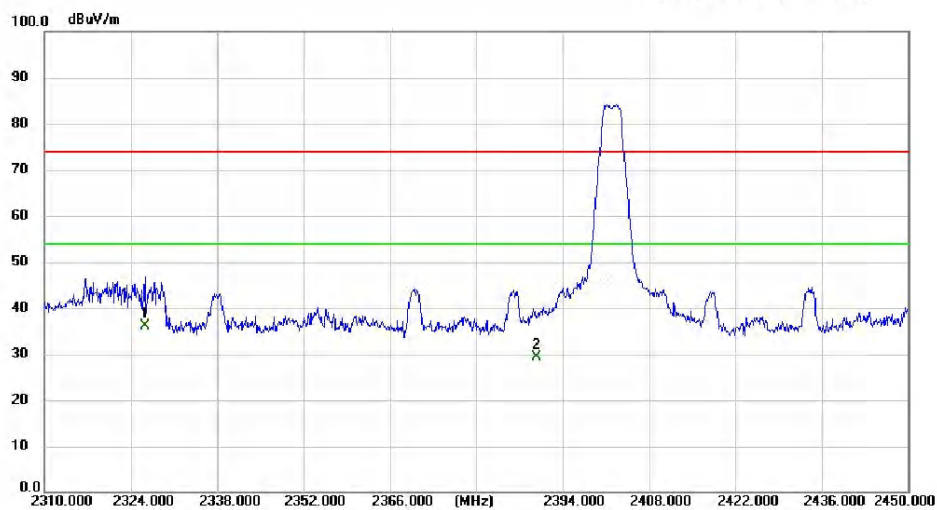
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 2M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 19:54:34



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 *	2326.310	60.20	-24.10	36.10	54.00	-17.90	AVG	150	266	P	
2	2390.000	53.30	-23.89	29.41	54.00	-24.59	AVG	150	187	P	

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



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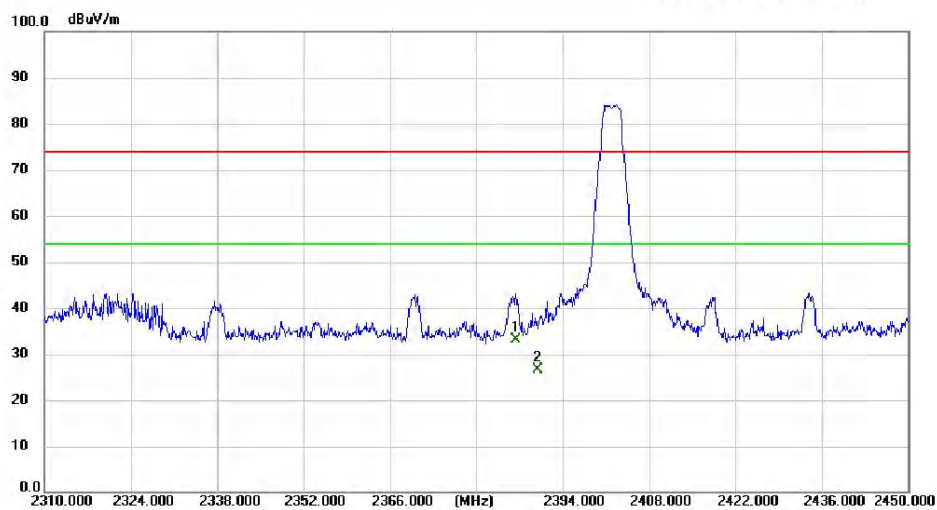
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 2M 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 19:59:31



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 *	2386.510	57.03	-23.91	33.12	54.00	-20.88	AVG	150	208	P	
2	2390.000	50.41	-23.89	26.52	54.00	-27.48	AVG	150	142	P	

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



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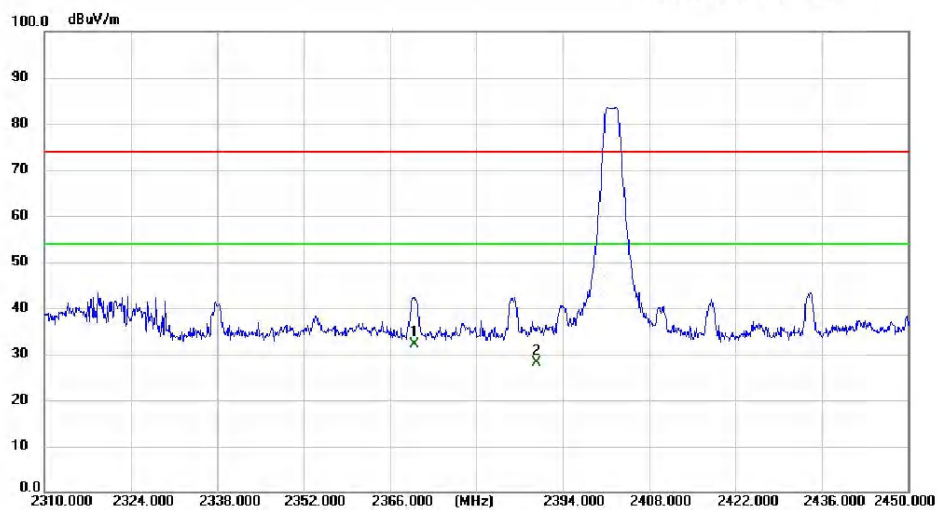
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 500k 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:06:12



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 *	2370.148	55.99	-23.95	32.04	54.00	-21.96	AVG	150	266	P	
2	2390.000	52.04	-23.89	28.15	54.00	-25.85	AVG	150	146	P	

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



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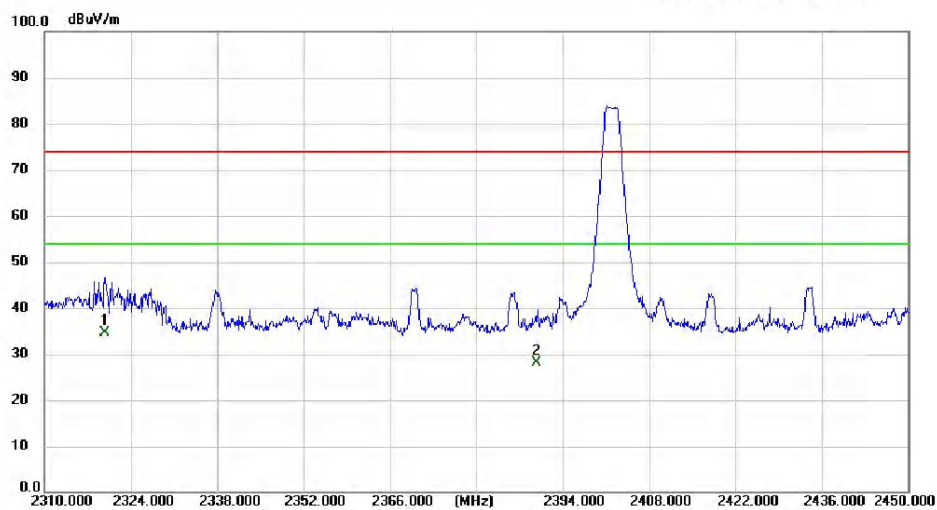
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 500k 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:11:34



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 *	2319.818	58.64	-24.12	34.52	54.00	-19.48	AVG	150	216	P	
2	2390.000	52.04	-23.89	28.15	54.00	-25.85	AVG	150	135	P	

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



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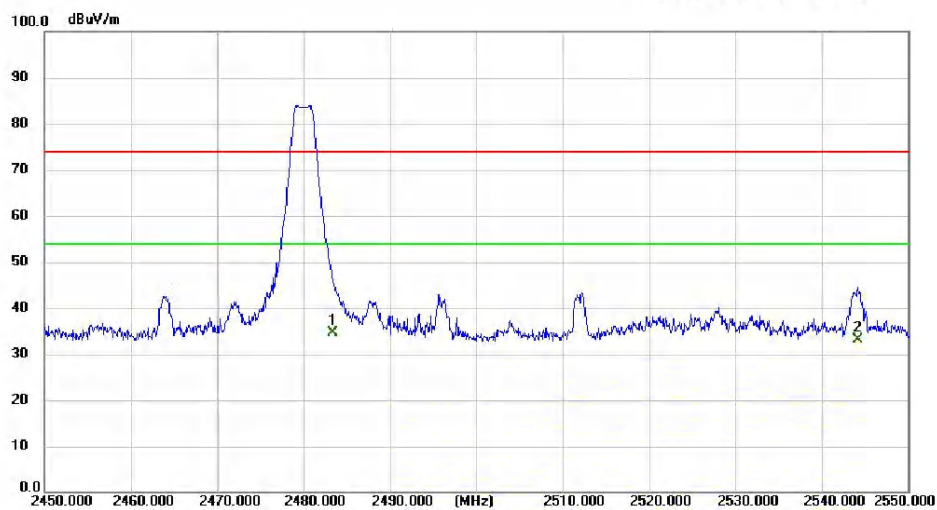
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 500k 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:16:02



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	58.10	-23.58	34.52	54.00	-19.48	AVG	150	247	P	
2	2544.225	56.41	-23.39	33.02	54.00	-20.98	AVG	150	216	P	

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



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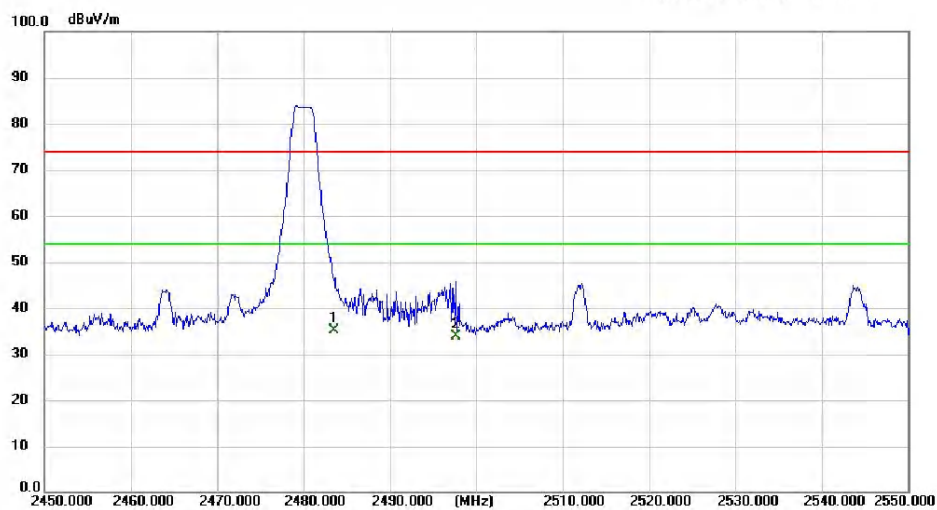
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 500k 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:21:12



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	58.59	-23.58	35.01	54.00	-18.99	AVG	150	206	P	
2	2497.625	57.52	-23.54	33.98	54.00	-20.02	AVG	150	149	P	

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



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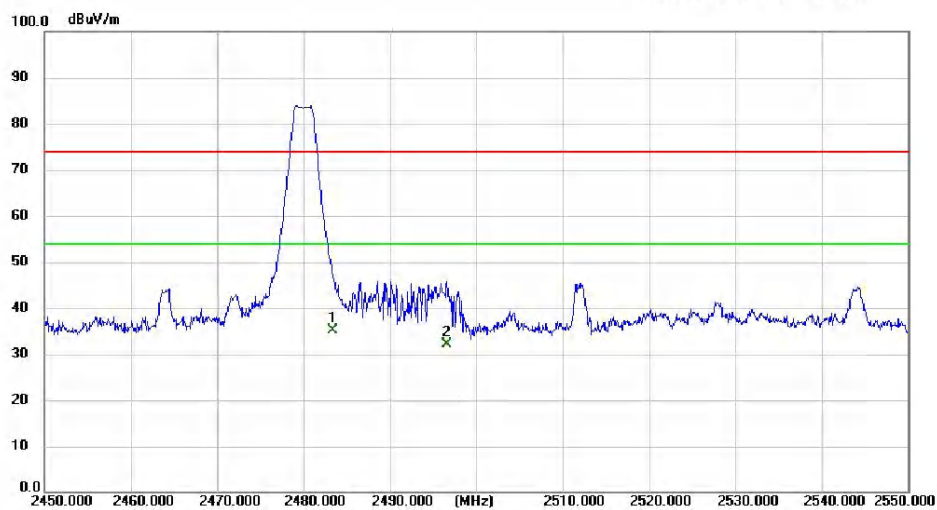
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 125k 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:25:29



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	58.68	-23.58	35.10	54.00	-18.90	AVG	150	249	P	
2	2496.675	55.69	-23.54	32.15	54.00	-21.85	AVG	150	326	P	

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



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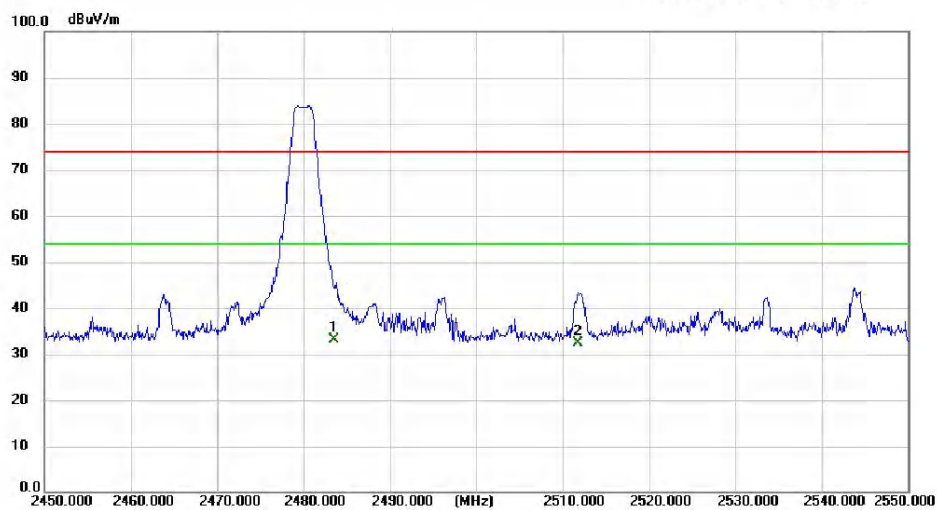
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 125k 2480M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:31:59



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 *	2483.500	56.77	-23.58	33.19	54.00	-20.81	AVG	150	85	P	
2	2511.850	55.99	-23.49	32.50	54.00	-21.50	AVG	150	183	P	

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



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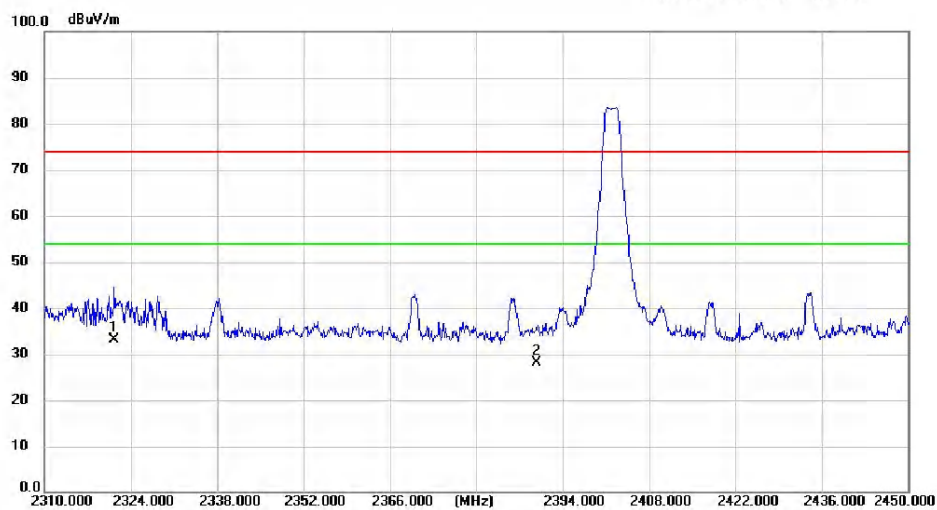
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 125k 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:36:29



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 *	2321.410	57.30	-24.12	33.18	74.00	-40.82	peak	150	226	P	
2	2390.000	51.94	-23.89	28.05	74.00	-45.95	peak	150	55	P	

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



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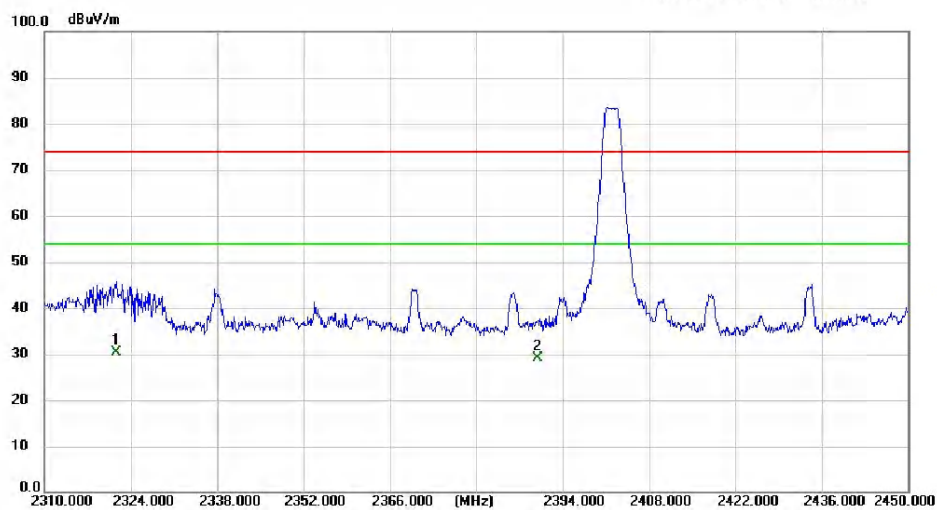
Test Site: PSI EMC Lab-3m Chamber
EUT: BLE & Thread Module
M/N: DD6600
Test Mode: BLE 125k 2402M
Test Voltage: DC 3.3V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/5/15 20:40:39



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 *	2321.725	54.38	-24.12	30.26	54.00	-23.74	AVG	150	126	P	
2	2390.000	53.04	-23.89	29.15	54.00	-24.85	AVG	150	262	P	

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

For ANT2

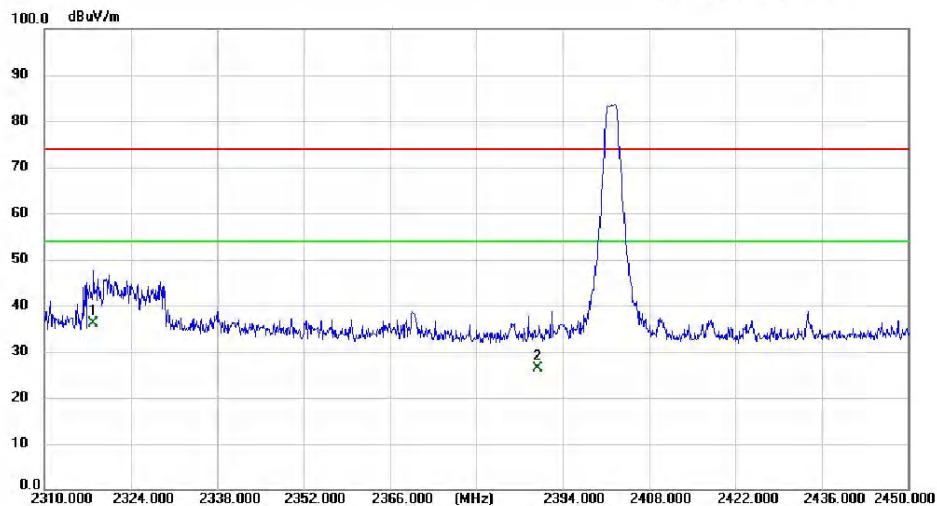


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: BLE & Thread Module	Distance: 3m	Humidity: 54 %RH
M/N: DD6600	Test Engineer: Felix	
Test Mode: BLE 1M 2402M		
Test Voltage: DC 3.3V		
Note:		

Radiated Emission Measurement

Test Date: 2026/5/15 19:01:18



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 *	2317.980	60.34	-24.13	36.21	54.00	-17.79	AVG	150	206	P	
2	2390.000	50.39	-23.89	26.50	54.00	-27.50	AVG	150	125	P	

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