



Duty Cycle Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	1.637	1.874	87.36	0.8736	0.5869	0.6109
	19	1.637	1.874	87.36	0.8736	0.5869	0.6109
	39	1.637	1.874	87.32	0.8732	0.5889	0.6109
BLE 2M	0	0.823	1.249	65.92	0.6592	1.8098	1.2151
	19	0.823	1.249	65.92	0.6592	1.8098	1.2151
	39	0.824	1.250	65.91	0.6591	1.8105	1.2136

Test Graphs

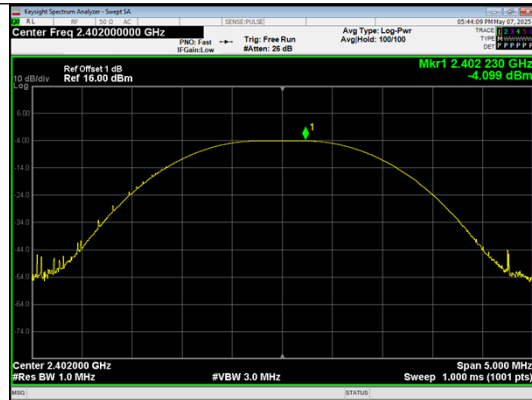


Conducted Output Power

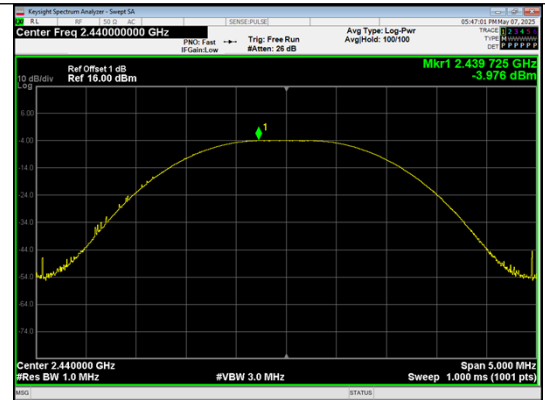
Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	-4.10	0.39	None	≤30	PASS
	19	-3.98	0.4	None	≤30	PASS
	39	-1.42	0.72	None	≤30	PASS
BLE 2M	0	-3.96	0.4	None	≤30	PASS
	19	-3.90	0.41	None	≤30	PASS
	39	-1.38	0.73	None	≤30	PASS

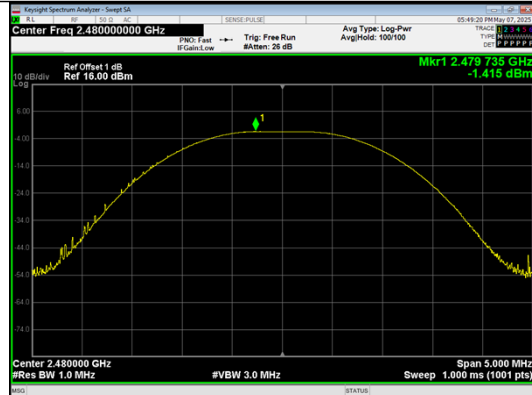
Test Graphs



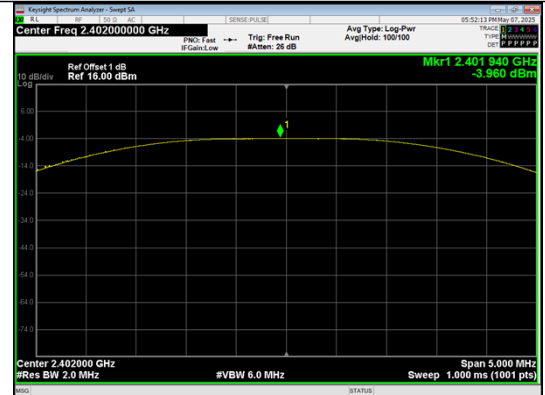
Peak Output Power
BLE 1M_Channel 0



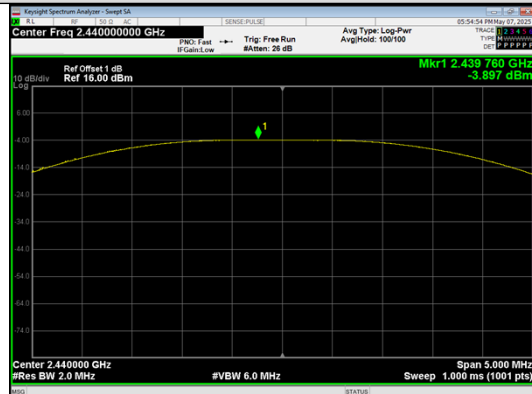
Peak Output Power
BLE 1M_Channel 19



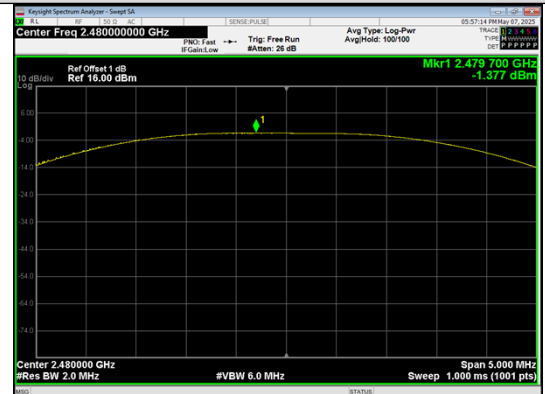
Peak Output Power
BLE 1M_Channel 39



Peak Output Power
BLE 2M_Channel 0



Peak Output Power
BLE 2M_Channel 19



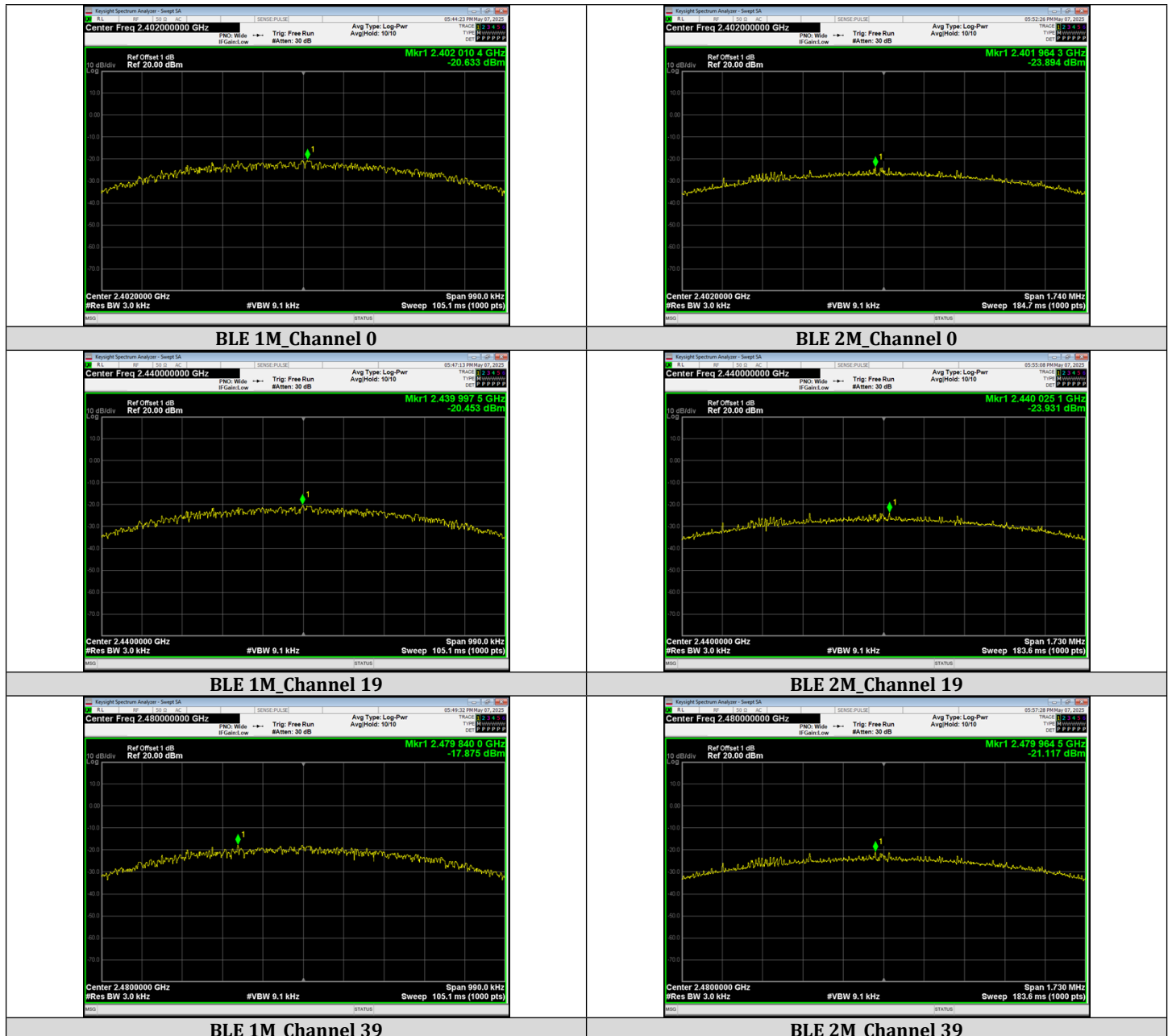
Peak Output Power
BLE 2M_Channel 39

Power Spectral Density

Test Result

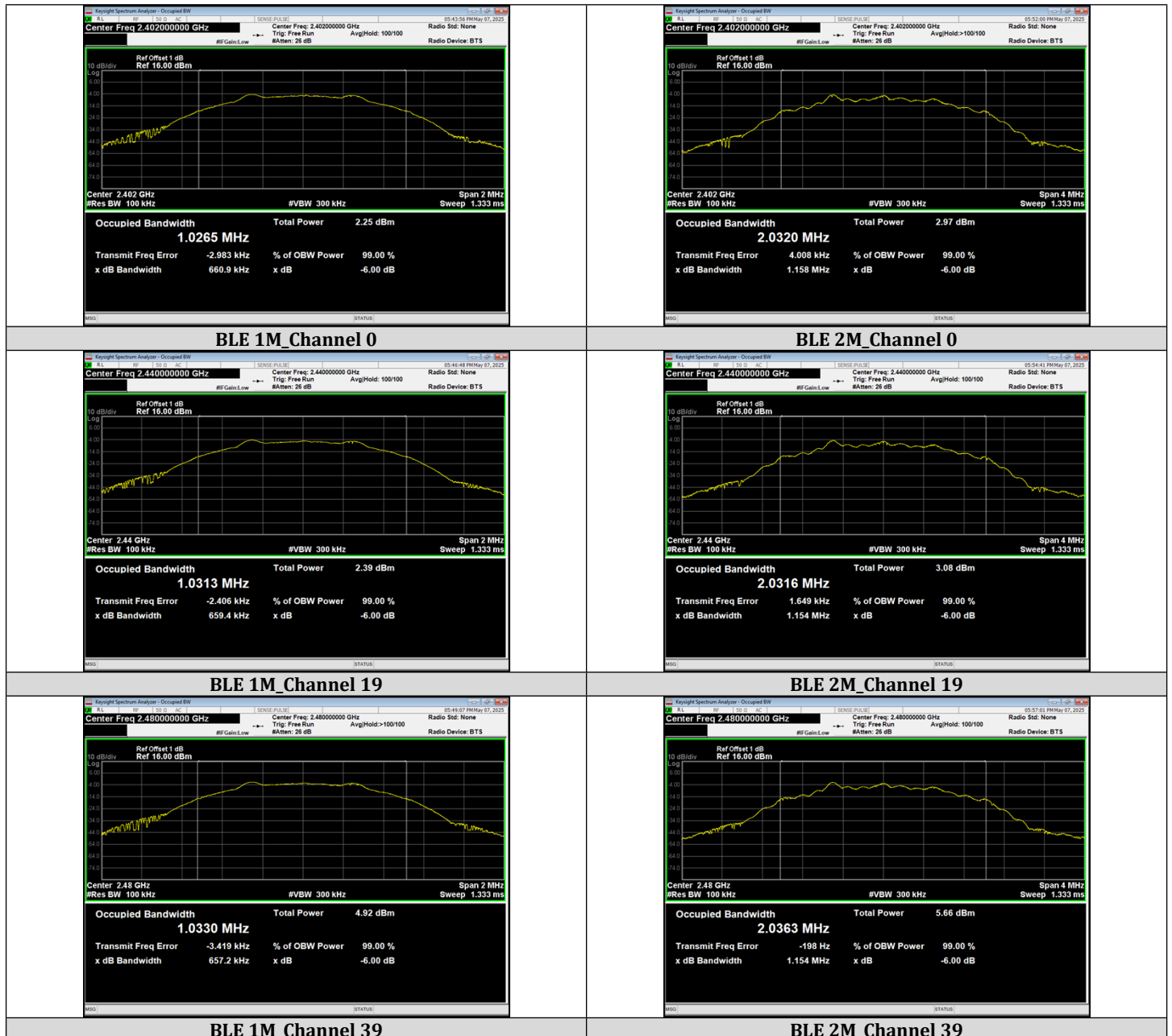
Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-20.633	≤8	PASS
BLE 1M	19	-20.453	≤8	PASS
BLE 1M	39	-17.875	≤8	PASS
BLE 2M	0	-23.894	≤8	PASS
BLE 2M	19	-23.931	≤8	PASS
BLE 2M	39	-21.117	≤8	PASS

Test Graphs



**6dB Bandwidth****Test Result**

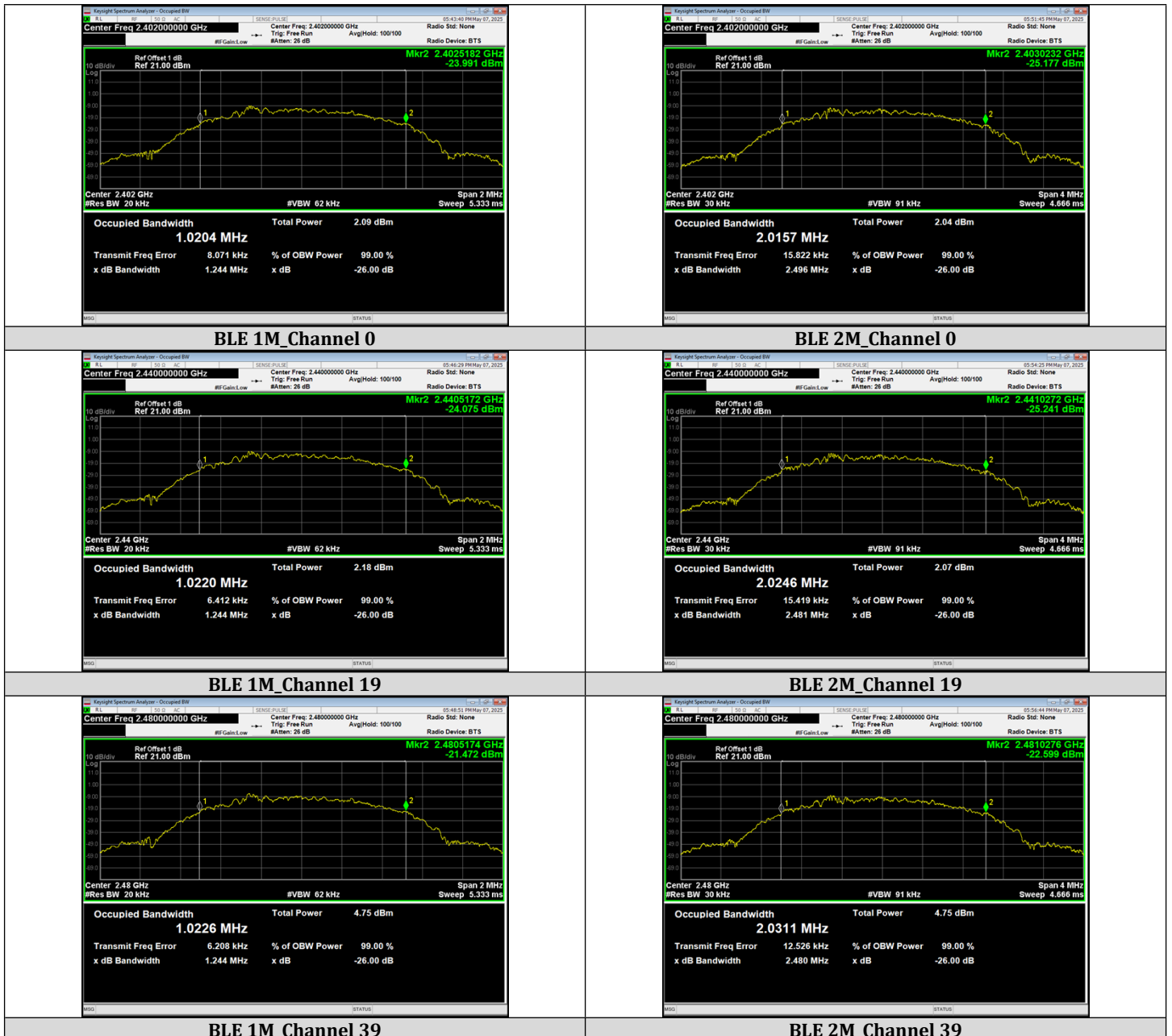
Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6609	≥0.5	PASS
	19	2440	0.6594		PASS
	39	2480	0.6572		PASS
BLE 2M	0	2402	1.158		PASS
	19	2440	1.154		PASS
	39	2480	1.154		PASS

Test Graphs

99% Bandwidth Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0204
BLE 1M	19	2440	1.0220
BLE 1M	39	2480	1.0226
BLE 2M	0	2402	2.0157
BLE 2M	19	2440	2.0246
BLE 2M	39	2480	2.0311

Test Graphs

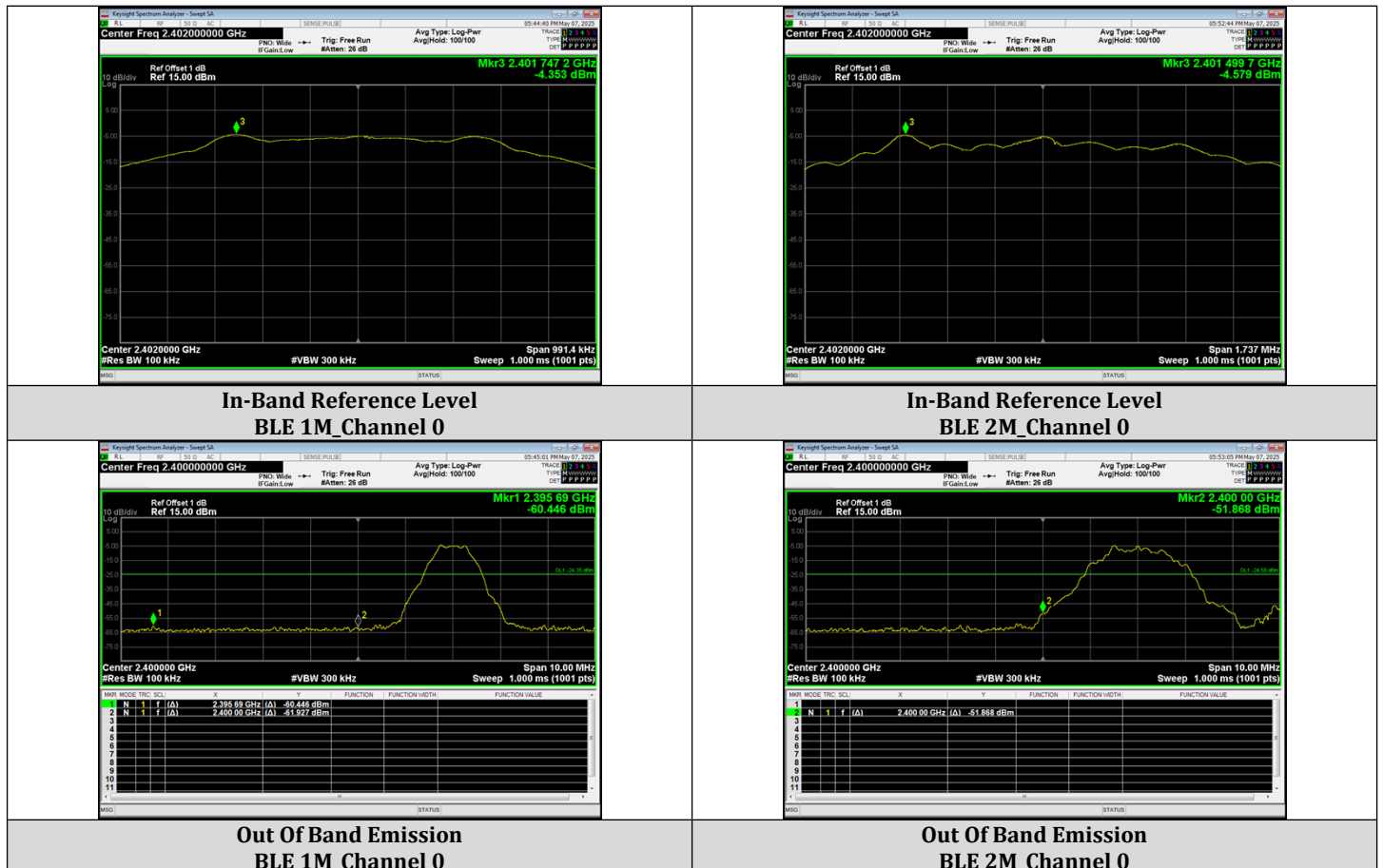


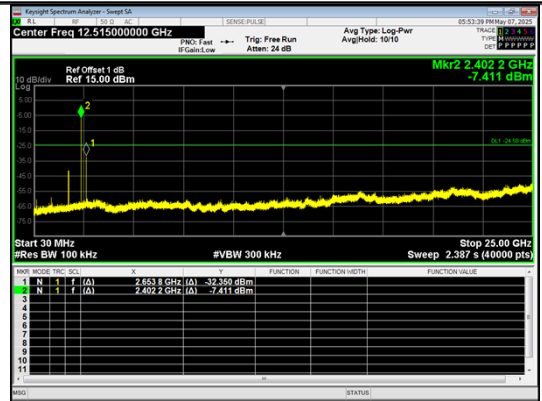
Conducted Out Of Band Emission

Test Result

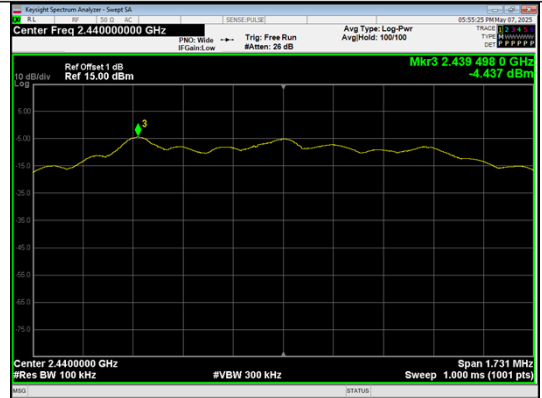
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2395.69	-60.446	-24.35	-36.096	PASS
		2400.00	-61.927	-24.35	-37.577	PASS
		24963.2	-48.087	-24.35	-23.737	PASS
	19	24979.4	-50.121	-24.14	-25.981	PASS
		2483.50	-62.175	-21.64	-40.535	PASS
		2590.11	-37.949	-21.64	-16.309	PASS
BLE 2M	0	2400.00	-51.868	-24.58	-27.288	PASS
		2653.79	-32.350	-24.58	-7.770	PASS
	19	24975.7	-50.033	-24.44	-25.593	PASS
		2483.50	-63.548	-21.83	-41.718	PASS
	39	2672.52	-26.598	-21.83	-4.768	PASS

Test Graphs

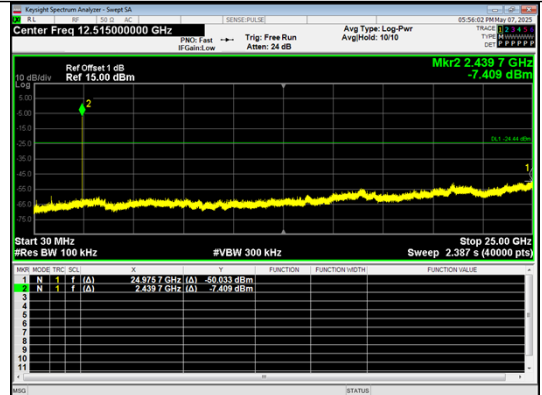




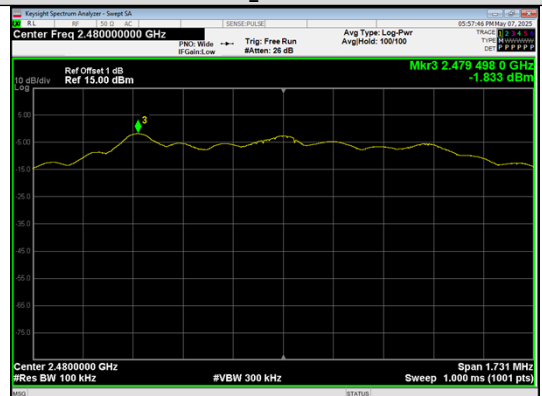
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



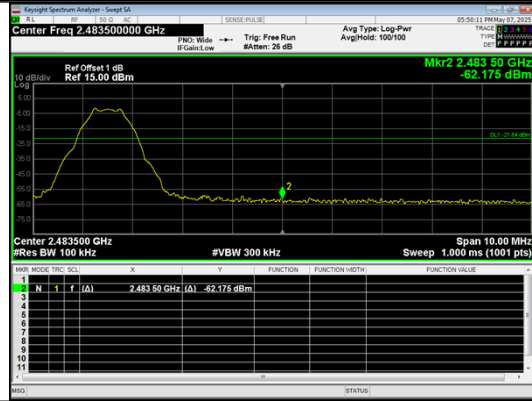
In-Band Reference Level	
BLE 2M_Channel 19	
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
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79	79
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82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100



30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



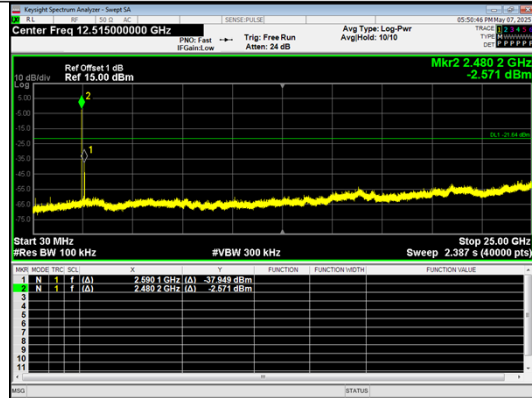
In-Band Reference Level BLE 2M Channel 39



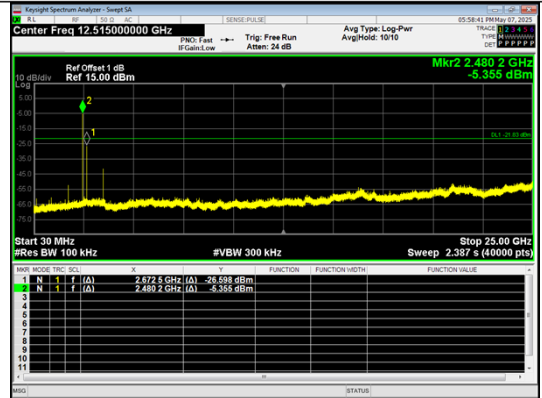
**Out Of Band Emission
BLE 1M_Channel 39**



**Out Of Band Emission
BLE 2M_Channel 39**



**30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39**



**30.0 MHz - 25000.0 MHz
BLE 2M_Channel 39**

***** End of Report *****