

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	2.126	2.499	85.08	0.8508	0.7017	0.4704
	19	2.126	2.499	85.08	0.8508	0.7017	0.4704
	39	2.126	2.499	85.08	0.8508	0.7017	0.4704
BLE 2M	0	1.070	1.874	57.09	0.5709	2.4344	0.9346
	19	1.070	1.874	57.11	0.5711	2.4329	0.9346
	39	1.070	1.874	57.06	0.5706	2.4367	0.9346

Test Graphs

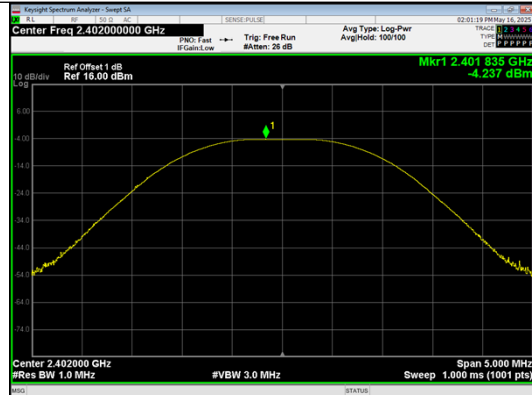


Conducted Output Power

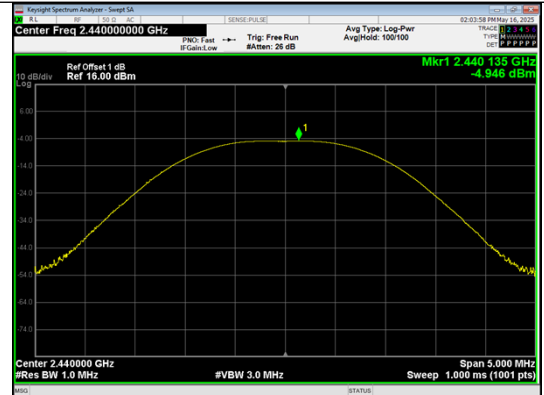
Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	-4.24	0.38	≤30	PASS
	19	-4.95	0.32	≤30	PASS
	39	-3.79	0.42	≤30	PASS
BLE 2M	0	-4.25	0.38	≤30	PASS
	19	-4.83	0.33	≤30	PASS
	39	-3.55	0.44	≤30	PASS

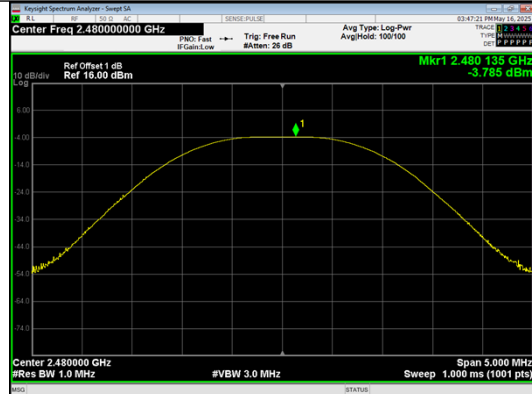
Test Graphs



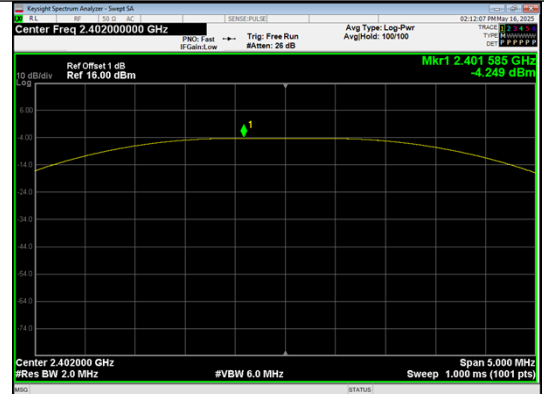
Peak Output Power
BLE 1M_Channel 0



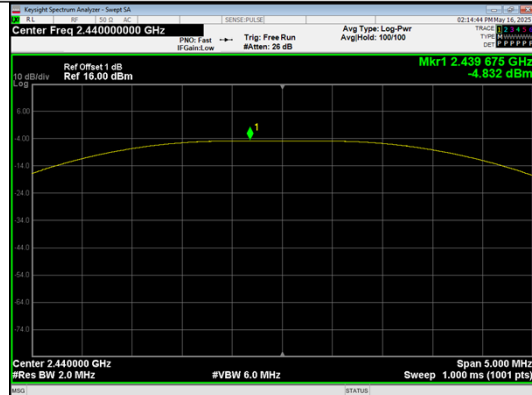
Peak Output Power
BLE 1M_Channel 19



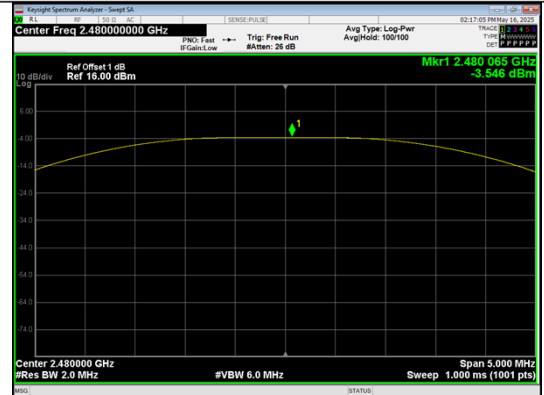
Peak Output Power
BLE 1M_Channel 39



Peak Output Power
BLE 2M_Channel 0



Peak Output Power
BLE 2M_Channel 19



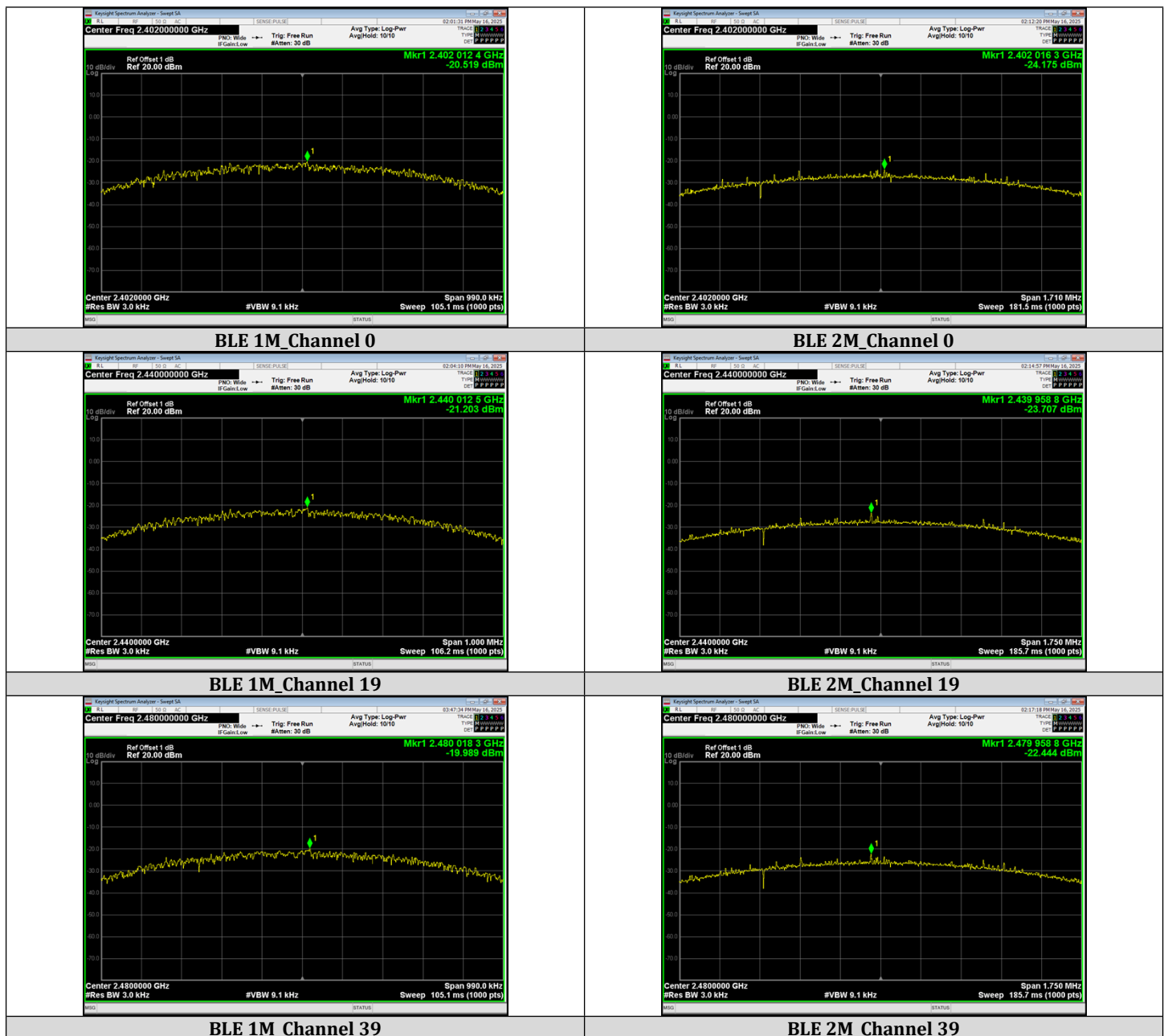
Peak Output Power
BLE 2M_Channel 39

Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-20.519	≤8	PASS
BLE 1M	19	-21.203	≤8	PASS
BLE 1M	39	-19.989	≤8	PASS
BLE 2M	0	-24.175	≤8	PASS
BLE 2M	19	-23.707	≤8	PASS
BLE 2M	39	-22.444	≤8	PASS

Test Graphs

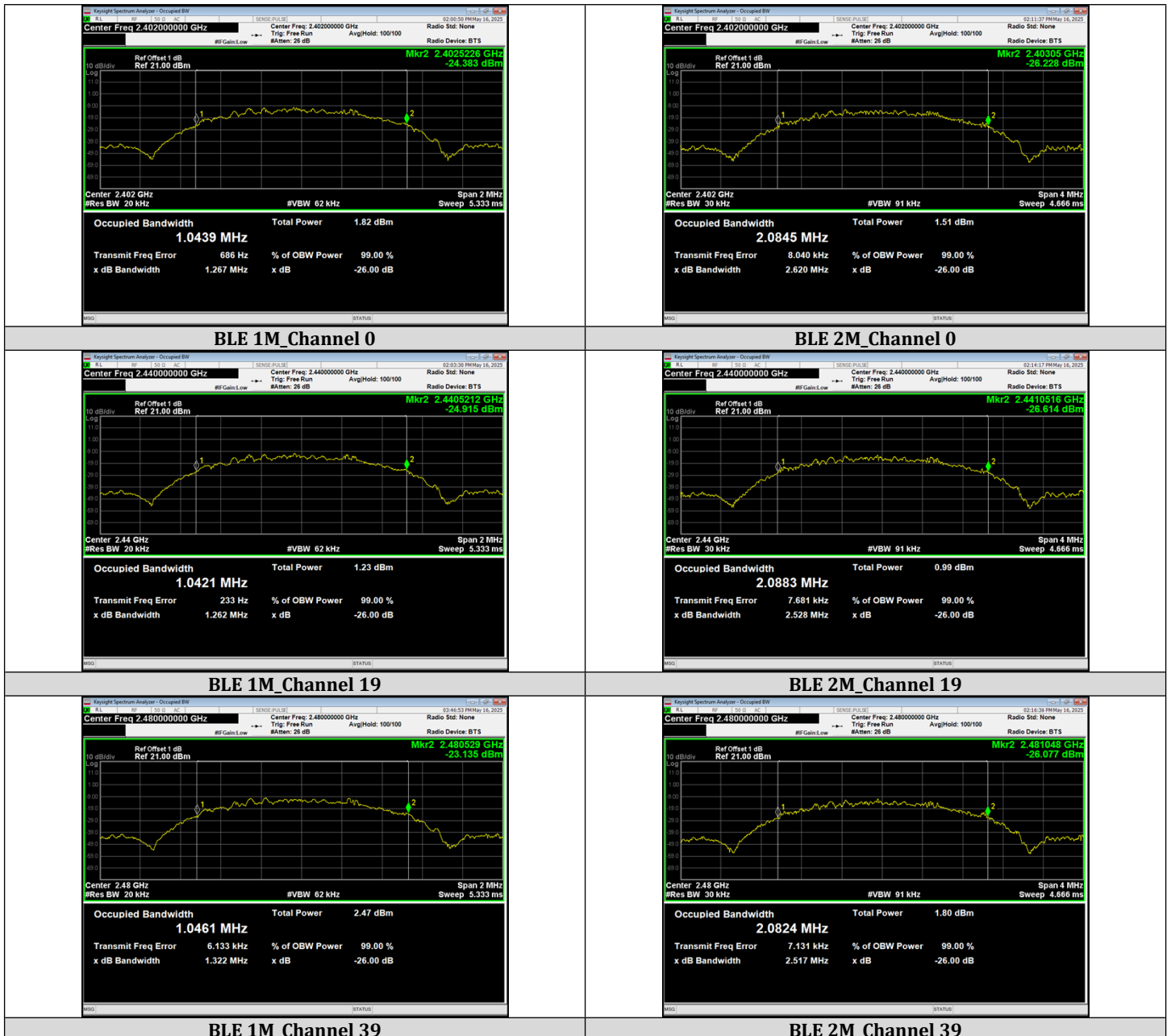


99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0439
BLE 1M	19	2440	1.0421
BLE 1M	39	2480	1.0461
BLE 2M	0	2402	2.0845
BLE 2M	19	2440	2.0883
BLE 2M	39	2480	2.0824

Test Graphs

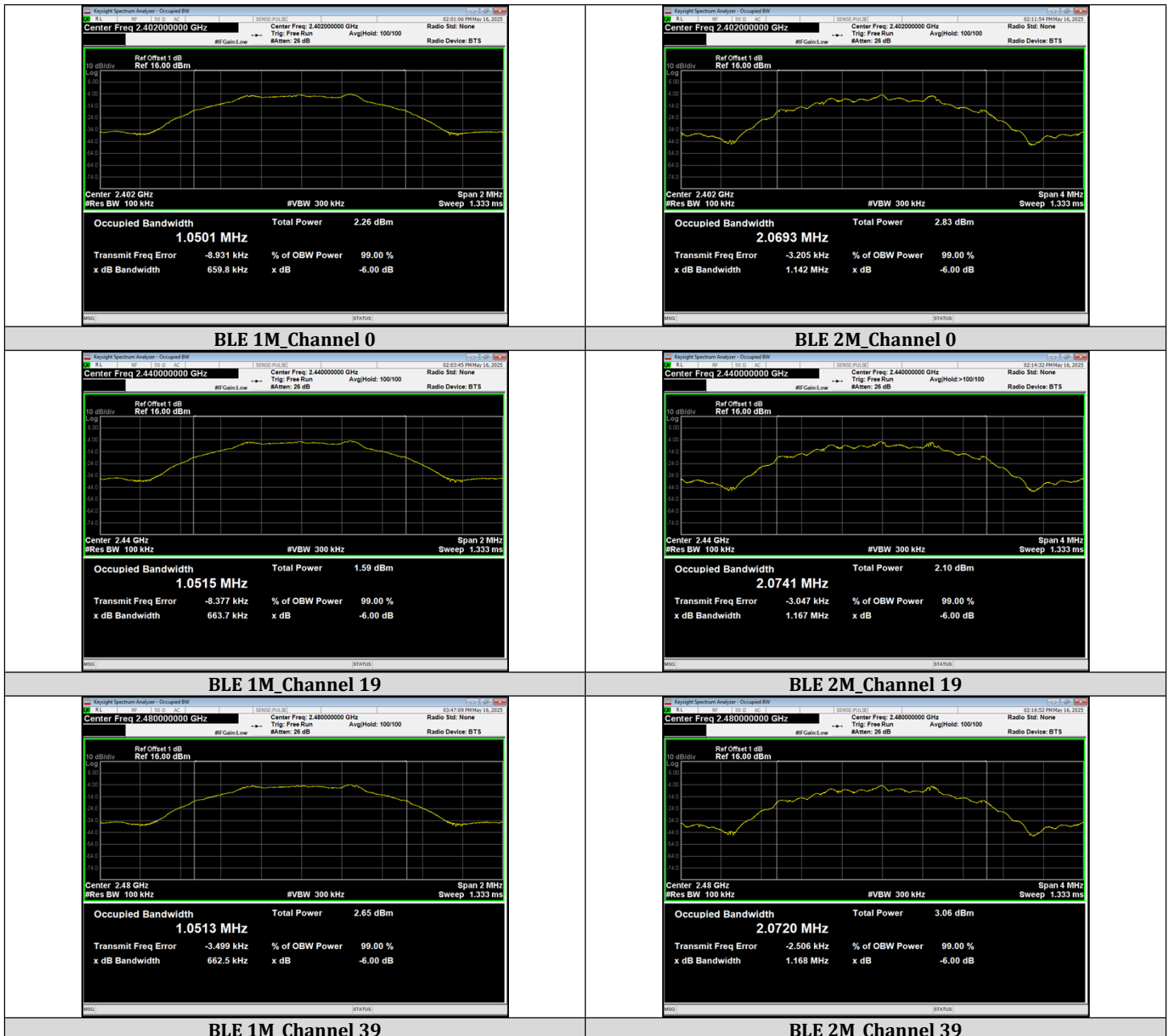


6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6598	≥0.5	PASS
	19	2440	0.6637		PASS
	39	2480	0.6625		PASS
BLE 2M	0	2402	1.142		PASS
	19	2440	1.167		PASS
	39	2480	1.168		PASS

Test Graphs

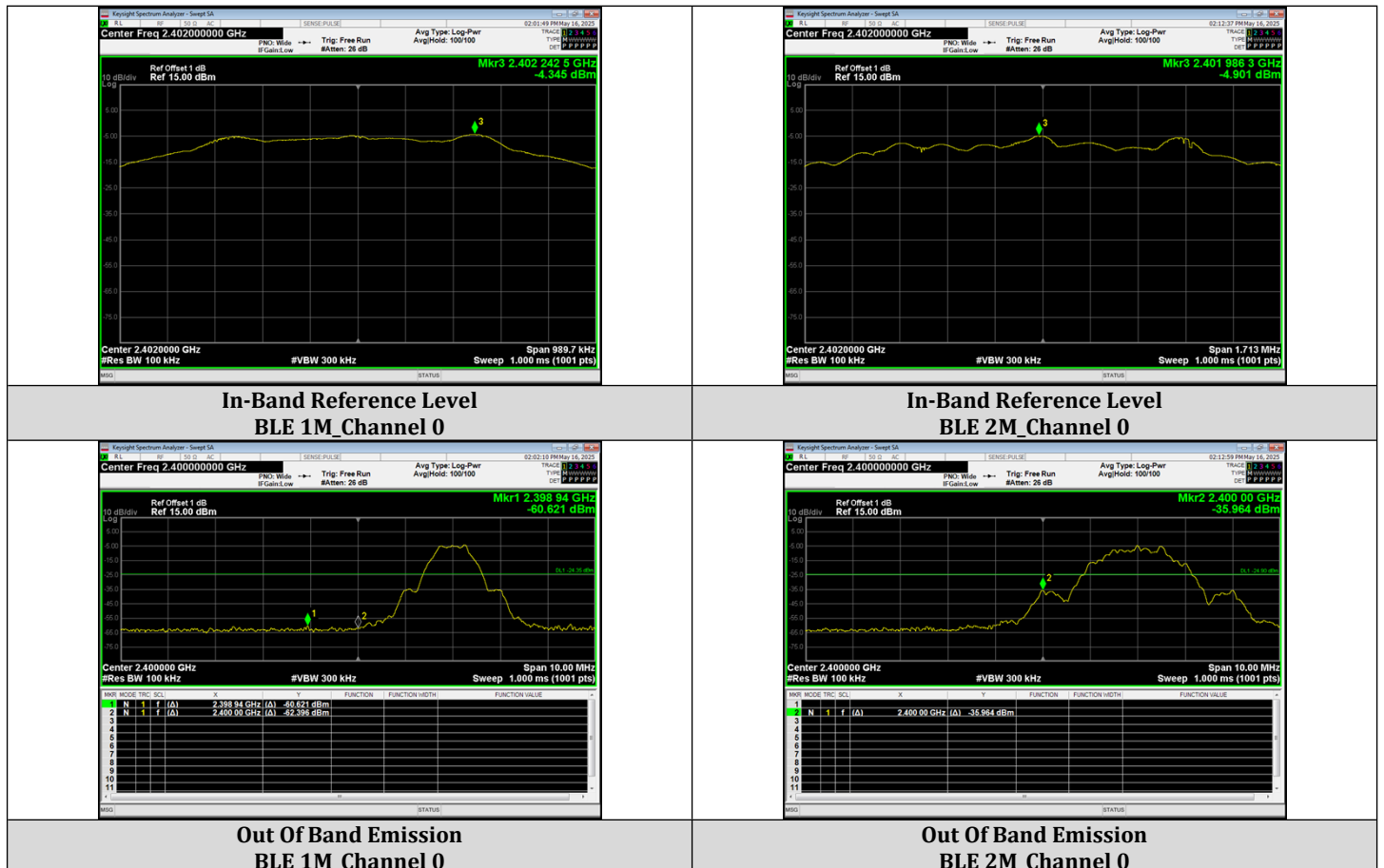


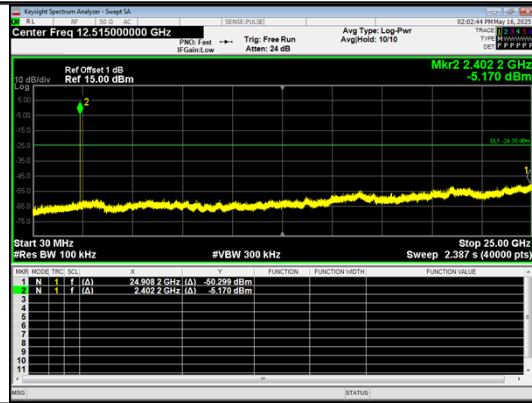
Conducted Out Of Band Emission

Test Result

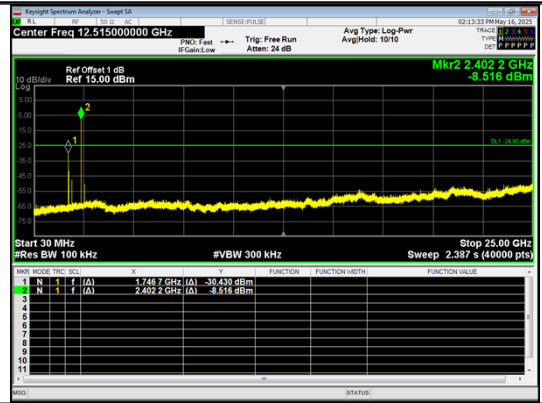
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2398.94	-60.621	-24.35	-36.271	PASS
		2400.00	-62.396	-24.35	-38.046	PASS
		24908.2	-50.299	-24.35	-25.949	PASS
	19	1746.73	-35.881	-24.99	-10.891	PASS
		2483.50	-63.290	-23.82	-39.470	PASS
		3401.03	-33.717	-23.82	-9.897	PASS
BLE 2M	0	1746.73	-30.430	-24.9	-5.530	PASS
		2400.00	-35.964	-24.9	-11.064	PASS
		1764.21	-31.509	-25.51	-5.999	PASS
	39	2483.50	-59.769	-24.17	-35.599	PASS
		25000.0	-50.154	-24.17	-25.983	PASS

Test Graphs

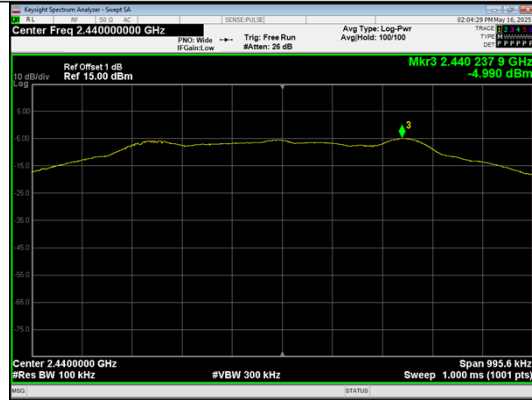




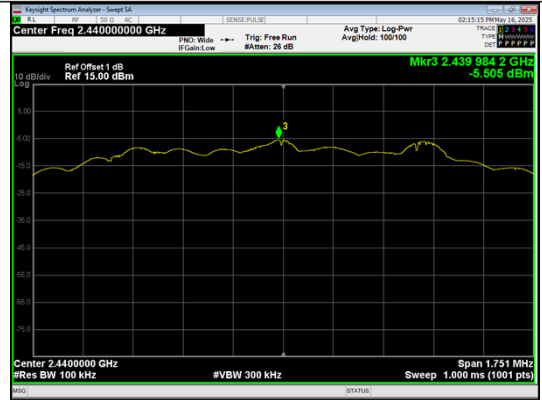
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



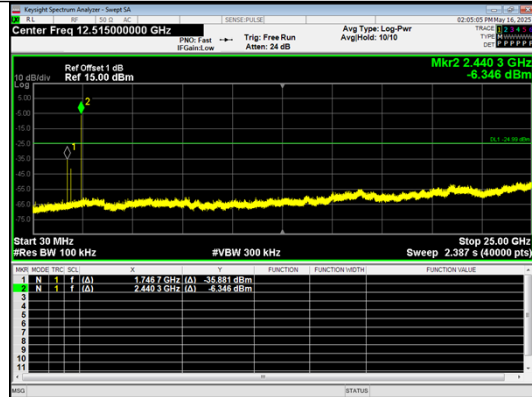
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



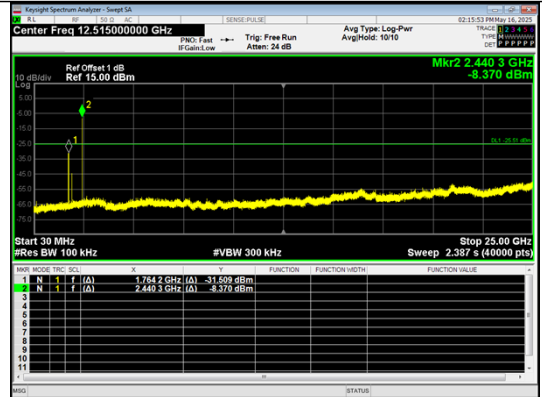
In-Band Reference Level
BLE 1M_Channel 19



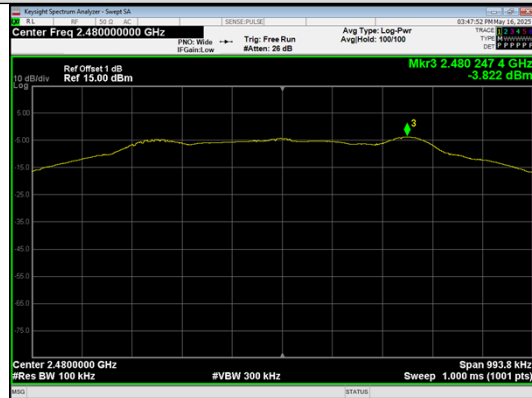
In-Band Reference Level
BLE 2M_Channel 19



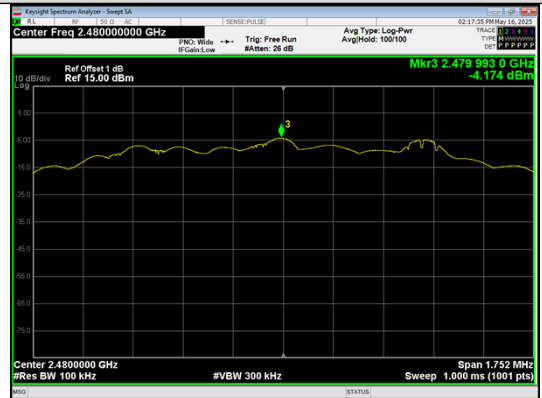
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



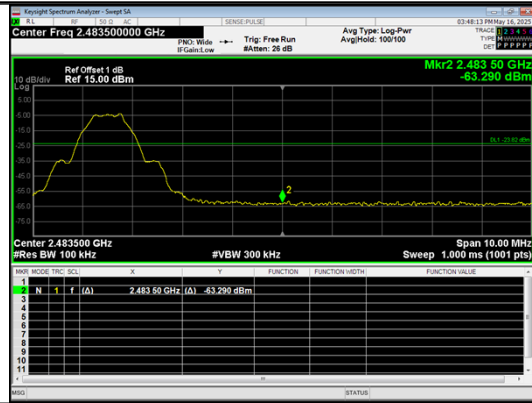
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



In-Band Reference Level
BLE 1M_Channel 39



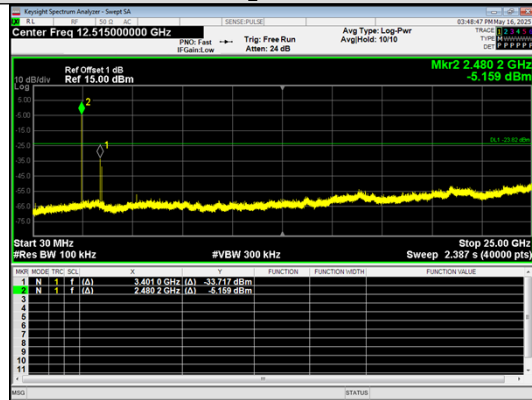
In-Band Reference Level
BLE 2M_Channel 39



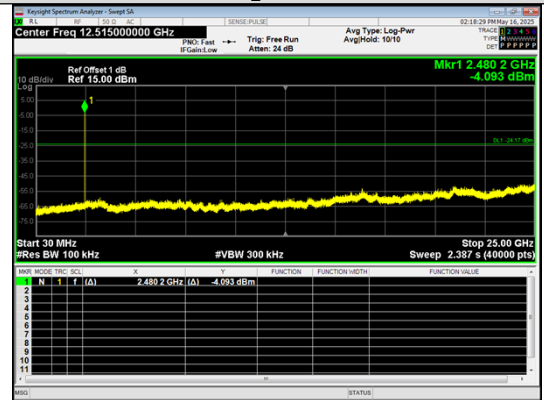
Out Of Band Emission
BLE 1M_Channel 39



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 *****