

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	2.125	2.499	85.03	0.8503	0.7043	0.4706
BLE 2M	0	1.070	1.873	57.11	0.5711	2.4329	0.9346
	19	1.070	1.875	57.07	0.5707	2.4359	0.9346
	39	1.070	1.874	57.11	0.5711	2.4329	0.9346

Test Graphs

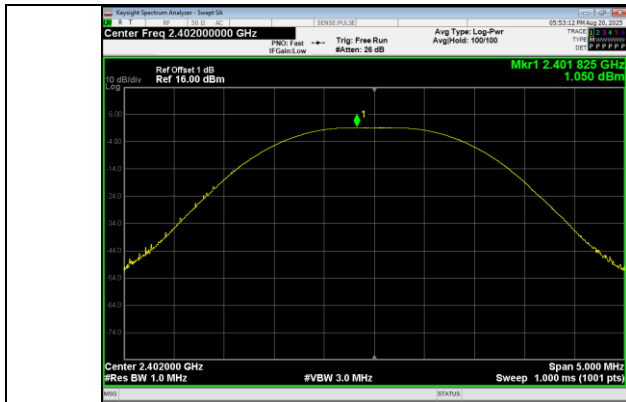


Conducted Output Power

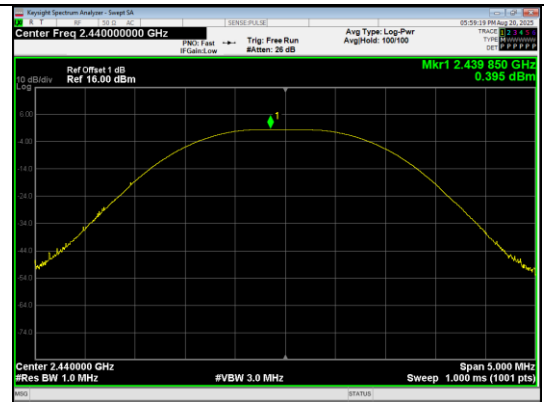
Test Result

Mode	Channel	Peak Output Power (dBm)	Limit (dBm)	Result
BLE 1M	0	1.05	≤30	PASS
	19	0.40	≤30	PASS
	39	-0.28	≤30	PASS
BLE 2M	0	0.80	≤30	PASS
	19	0.43	≤30	PASS
	39	-0.18	≤30	PASS

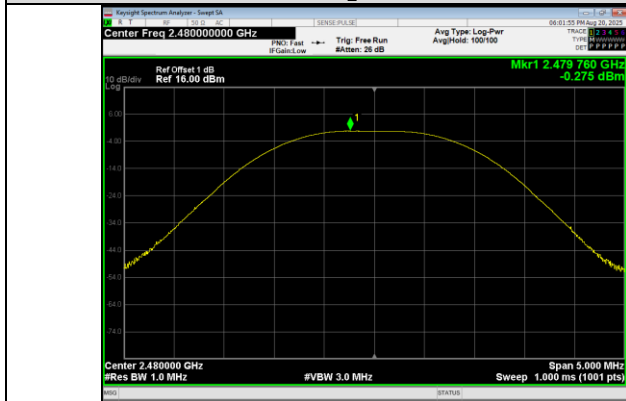
Test Graphs



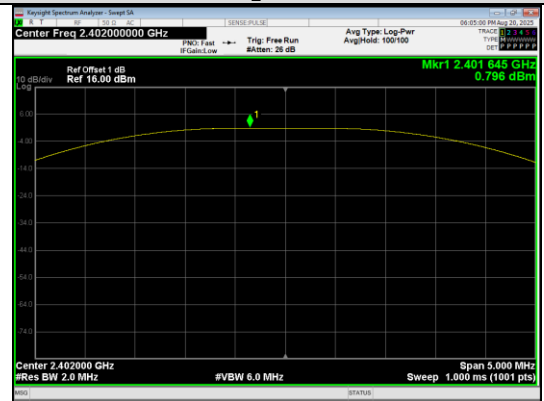
Peak Output Power
BLE 1M_Channel 0



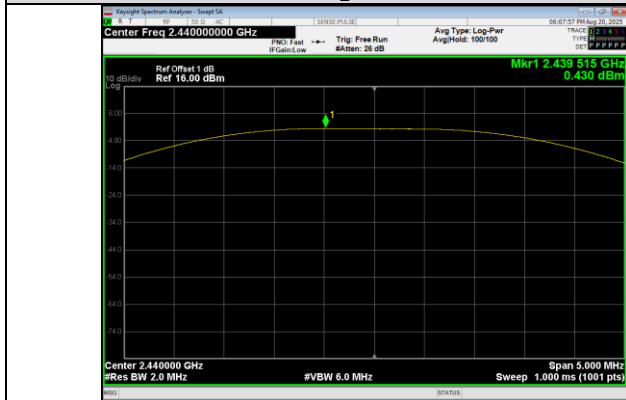
Peak Output Power
BLE 1M_Channel 19



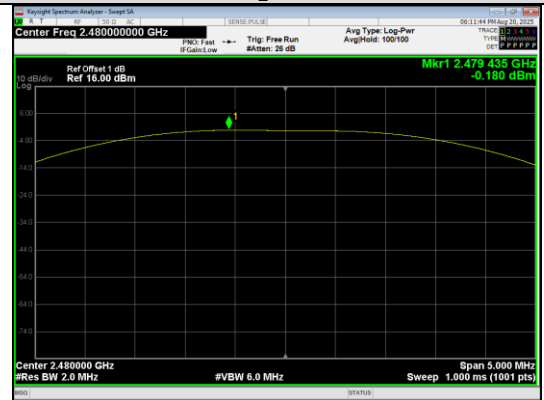
Peak Output Power
BLE 1M_Channel 39



Peak Output Power
BLE 2M_Channel 0



Peak Output Power
BLE 2M_Channel 19



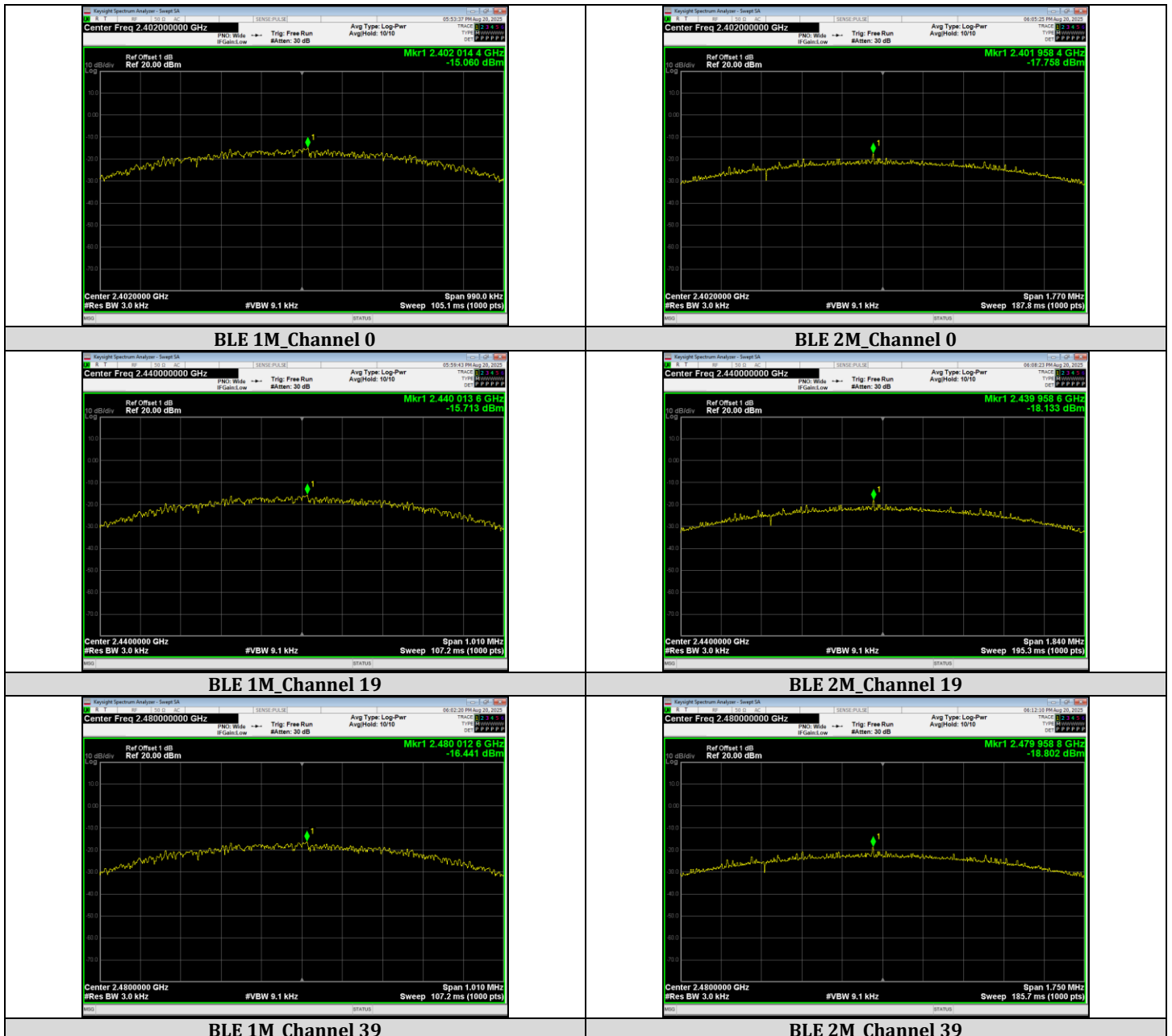
Peak Output Power
BLE 2M_Channel 39

Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-15.060	≤8	PASS
BLE 1M	19	-15.710	≤8	PASS
BLE 1M	39	-16.440	≤8	PASS
BLE 2M	0	-17.760	≤8	PASS
BLE 2M	19	-18.130	≤8	PASS
BLE 2M	39	-18.800	≤8	PASS

Test Graphs

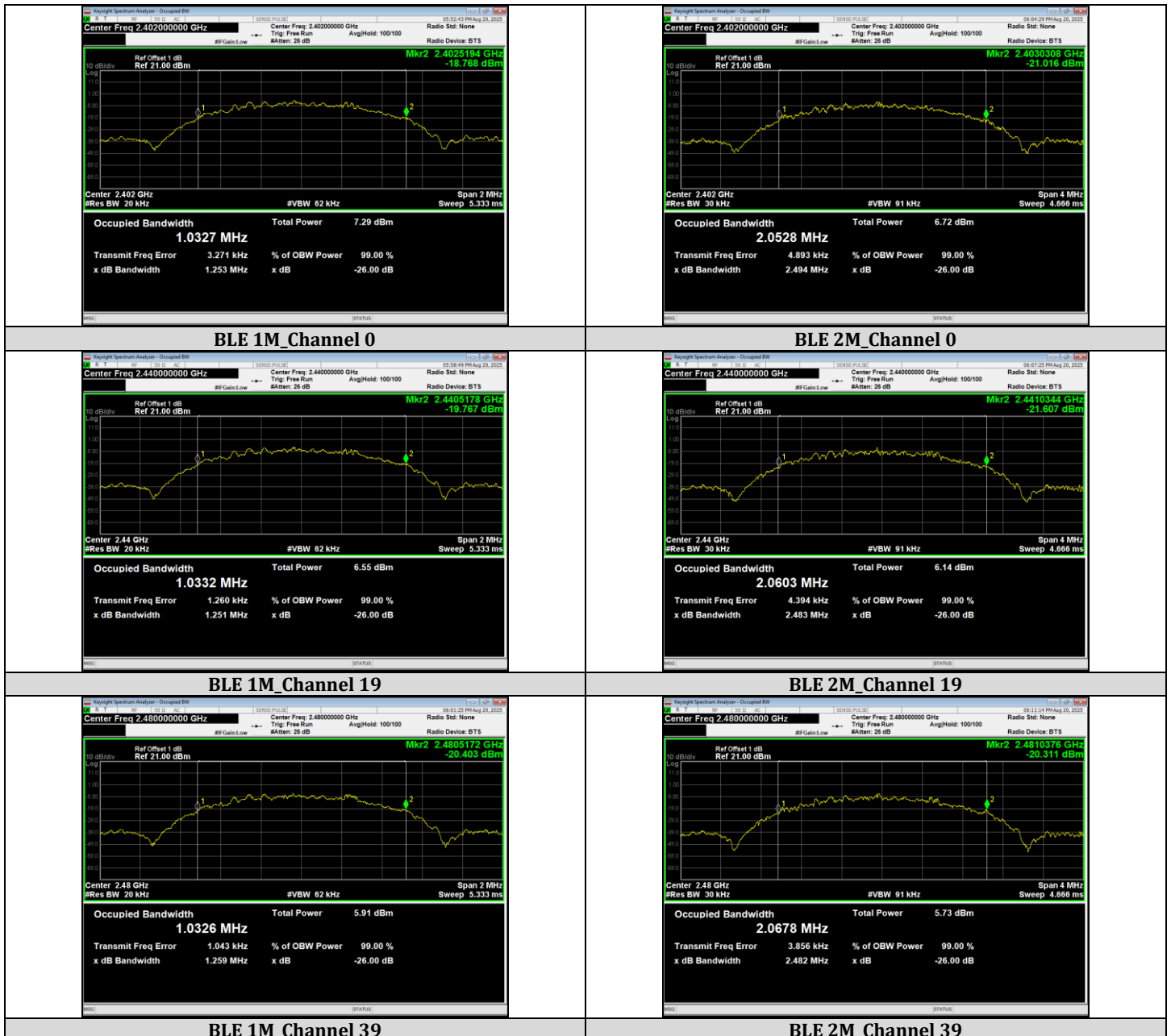


99% Bandwidth

Test Result

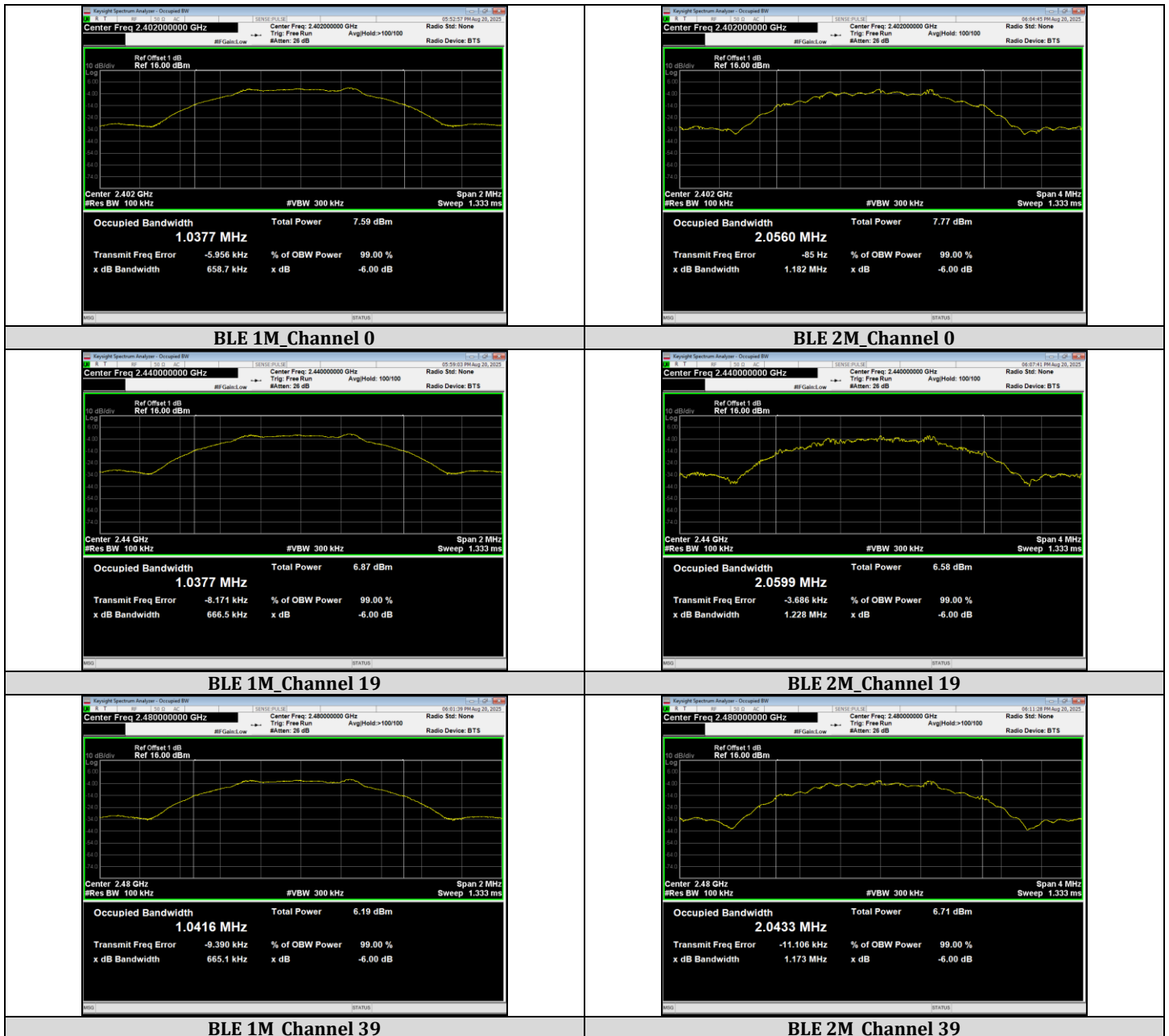
Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0327
BLE 1M	19	2440	1.0332
BLE 1M	39	2480	1.0326
BLE 2M	0	2402	2.0528
BLE 2M	19	2440	2.0603
BLE 2M	39	2480	2.0678

Test Graphs



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

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6587	≥0.5	PASS
	19	2440	0.6665		PASS
	39	2480	0.6651		PASS
BLE 2M	0	2402	1.182		PASS
	19	2440	1.228		PASS
	39	2480	1.173		PASS

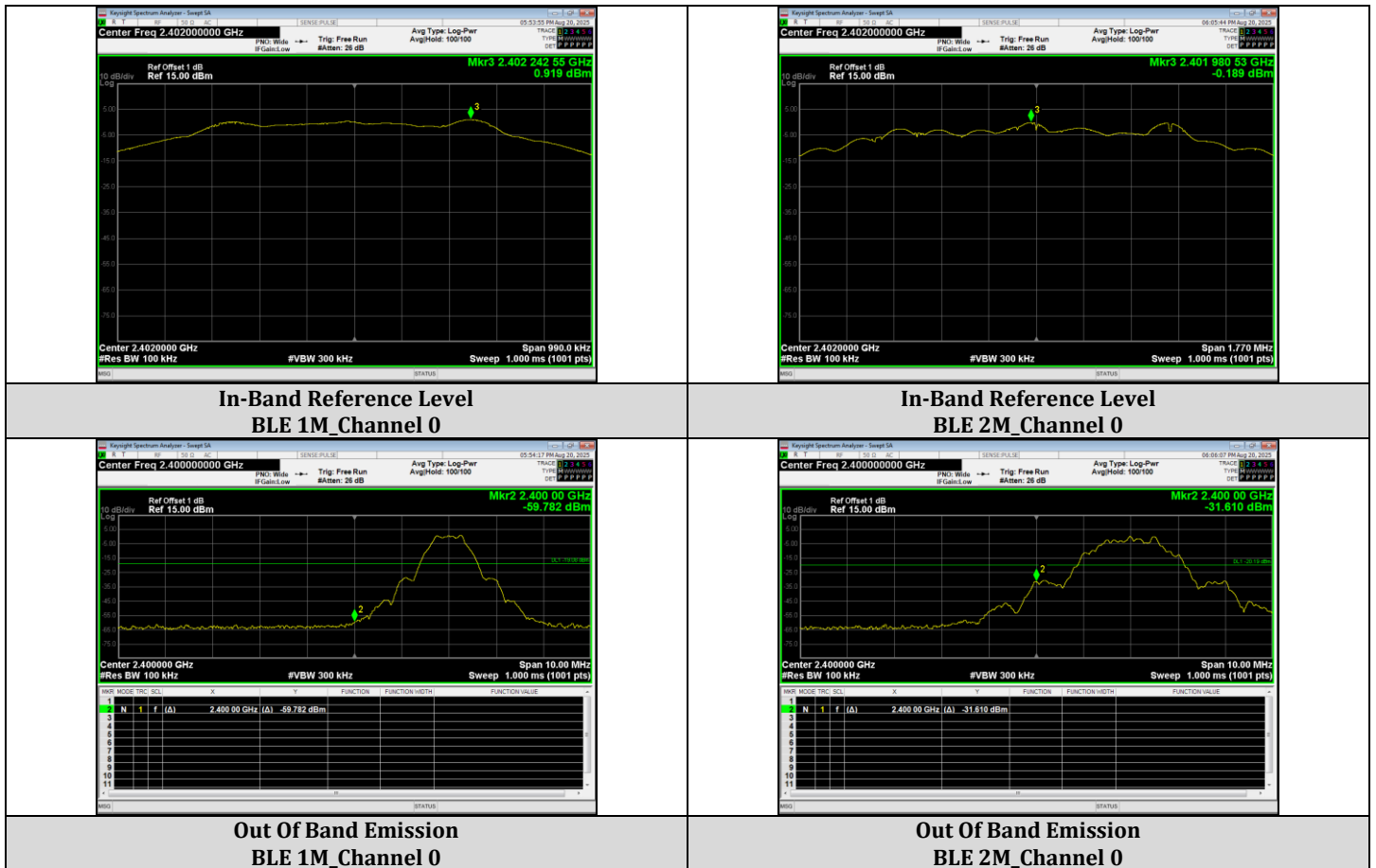
Test Graphs

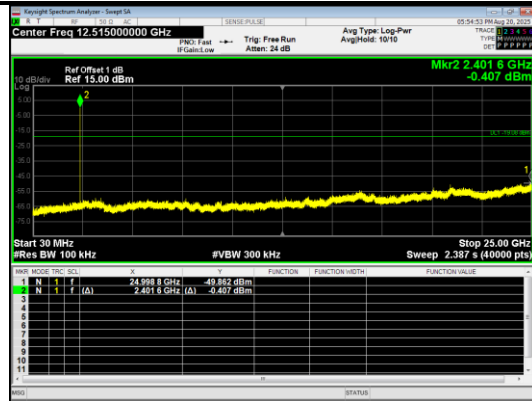
Conducted Out Of Band Emission

Test Result

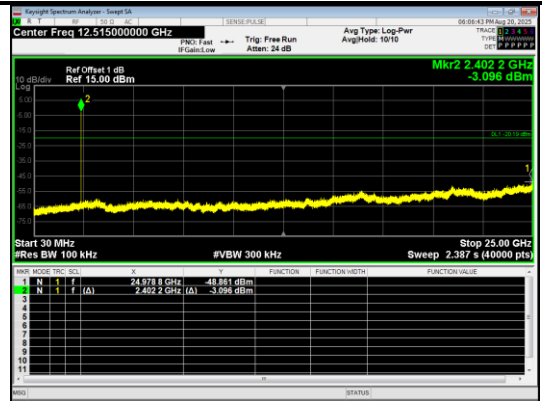
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2400.00	-59.780	-19.08	-40.700	PASS
		24998.8	-49.862	-19.08	-30.782	PASS
	19	24935.7	-50.014	-19.78	-30.234	PASS
	39	2483.50	-63.510	-20.48	-43.030	PASS
		24860.2	-49.780	-20.48	-29.300	PASS
BLE 2M	0	2400.00	-31.610	-20.19	-11.420	PASS
		24978.8	-48.861	-20.19	-28.671	PASS
	19	24978.2	-49.766	-20.6	-29.166	PASS
	39	2483.50	-58.060	-21.29	-36.770	PASS
		24990.6	-50.248	-21.29	-28.958	PASS

Test Graphs

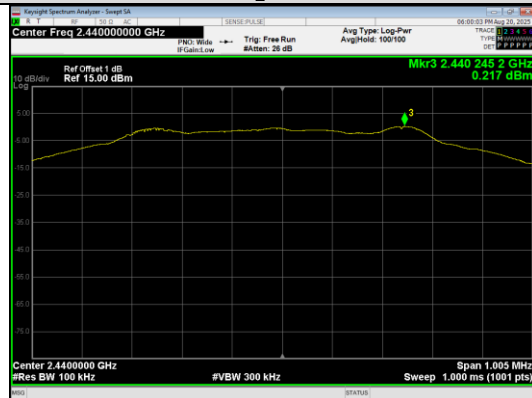




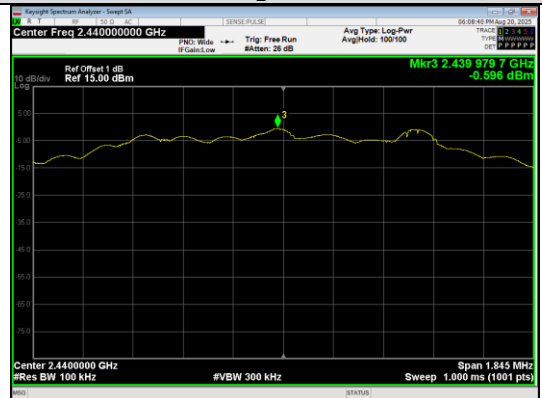
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



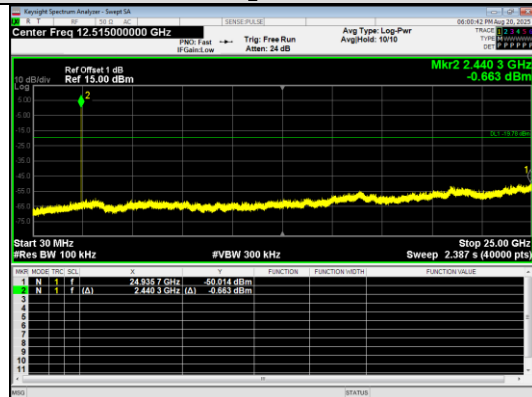
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



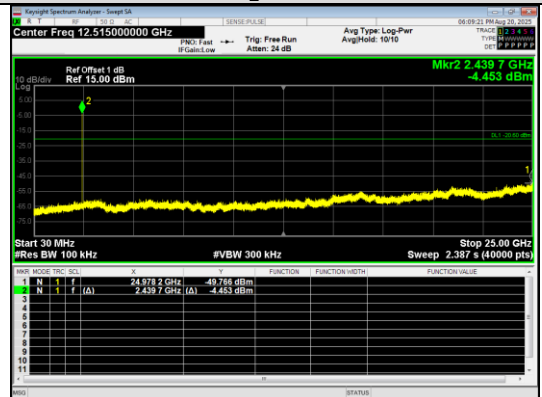
In-Band Reference Level
BLE 1M_Channel 19



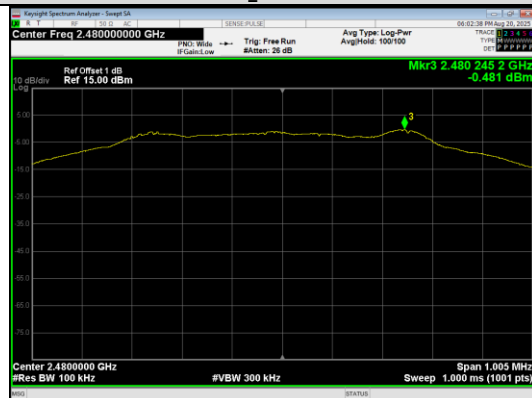
In-Band Reference Level
BLE 2M_Channel 19



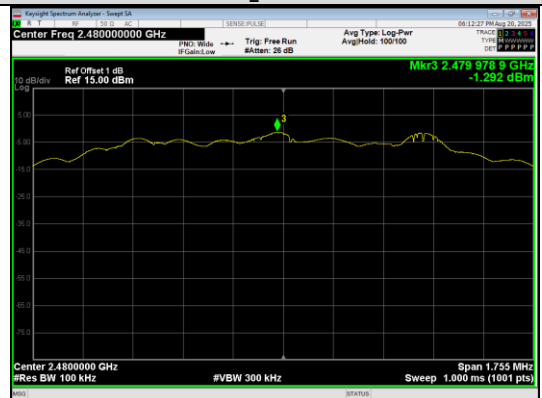
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



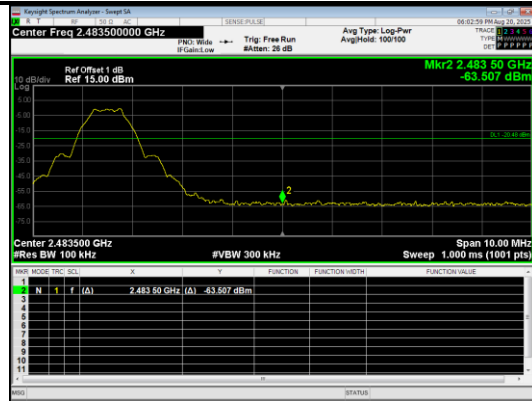
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



In-Band Reference Level
BLE 1M_Channel 39



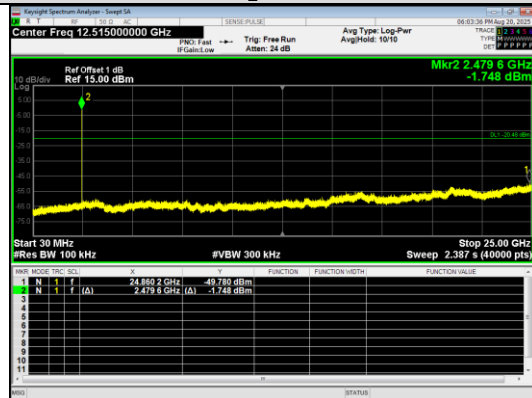
In-Band Reference Level
BLE 2M_Channel 39



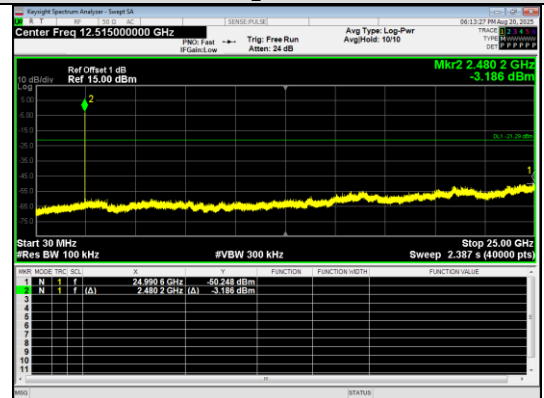
Out Of Band Emission
BLE 1M_Channel 39



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 *****