

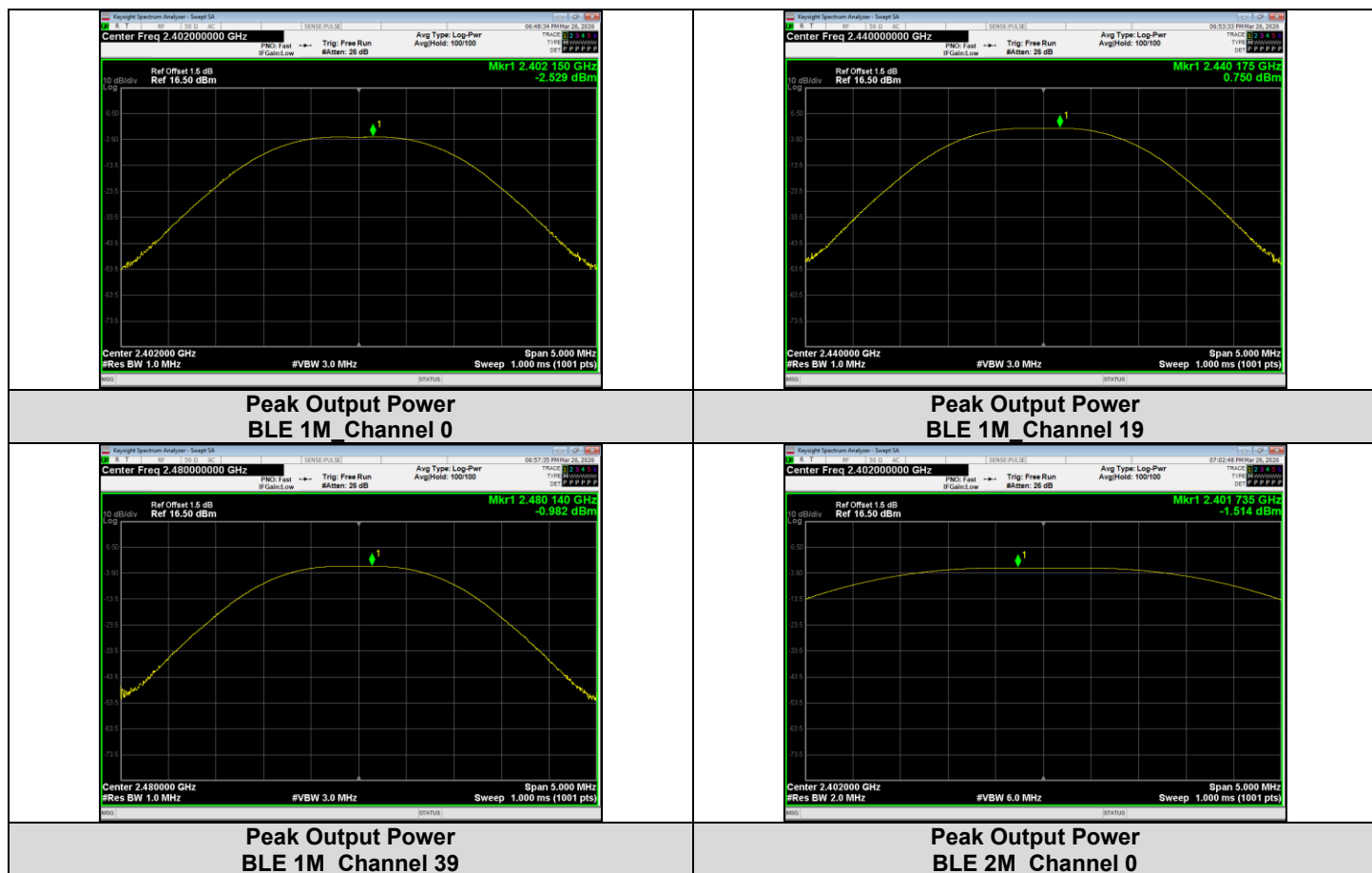
Conducted Output Power

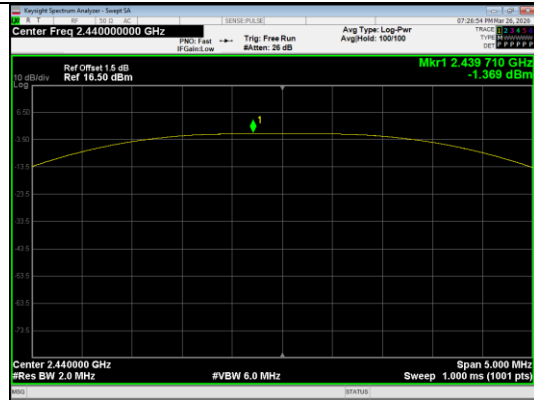
Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	-2.53	0.56	None	≤30	PASS
	19	0.75	1.19	None	≤30	PASS
	39	-0.98	0.8	None	≤30	PASS
BLE 2M	0	-1.51	0.71	None	≤30	PASS
	19	-1.37	0.73	None	≤30	PASS
	39	-1.27	0.75	None	≤30	PASS

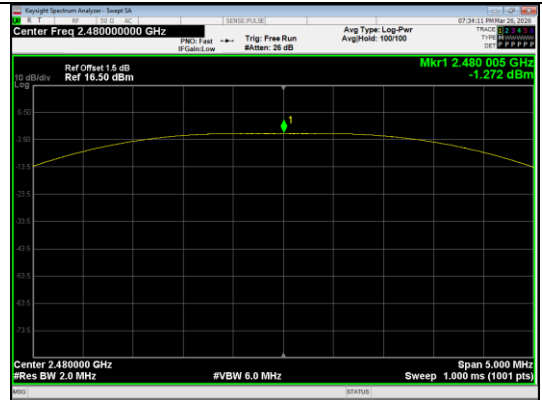
Mode	Channel	Peak Output Power (dBm)	Peak Power Limit (dBm)	ISED EIRP (dBm)	ISED EIRP Limit (dBm)	Max. Avg. Power (dBm)	Result
BLE 1M	0	-2.53	≤30	0.24	≤36.02	None	PASS
	19	0.75	≤30	3.04	≤36.02	None	PASS
	39	-0.98	≤30	1.31	≤36.02	None	PASS
BLE 2M	0	-1.51	≤30	0.78	≤36.02	None	PASS
	19	-1.37	≤30	0.92	≤36.02	None	PASS
	39	-1.27	≤30	1.02	≤36.02	None	PASS

Test Graphs





**Peak Output Power
BLE 2M_Channel 19**

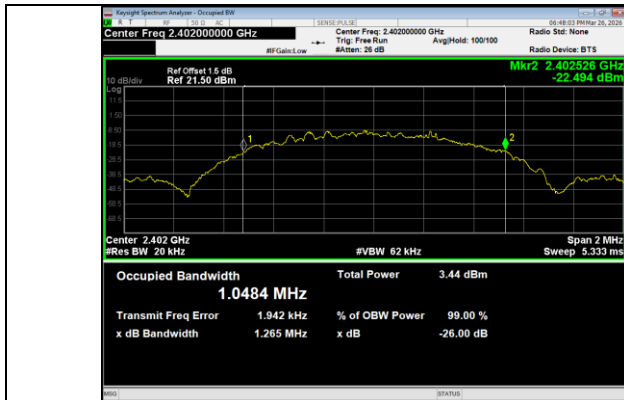


**Peak Output Power
BLE 2M_Channel 39**

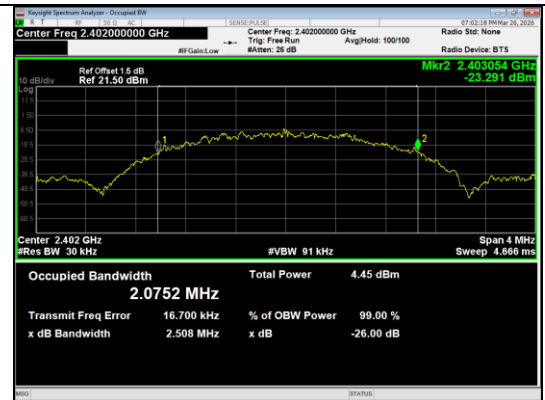
99% Bandwidth Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0484
BLE 1M	19	2440	1.0425
BLE 1M	39	2480	1.0425
BLE 2M	0	2402	2.0752
BLE 2M	19	2440	2.0772
BLE 2M	39	2480	2.0734

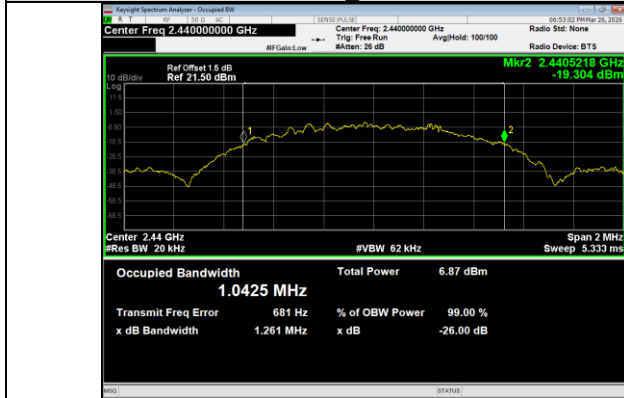
Test Graphs



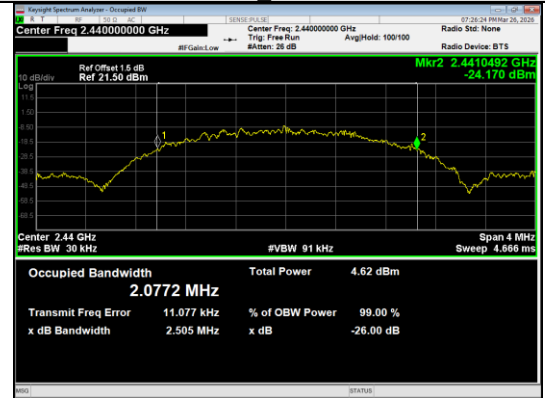
BLE 1M_Channel 0



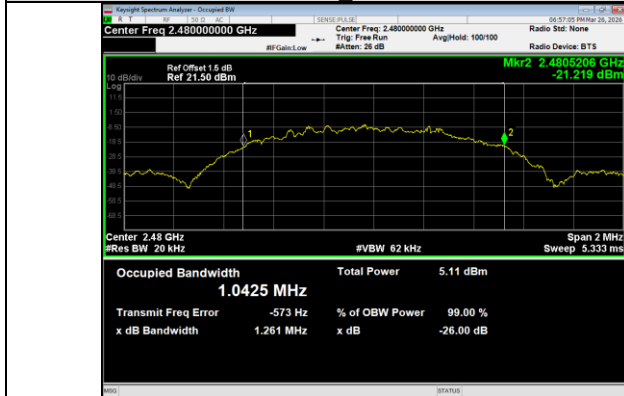
BLE 2M_Channel 0



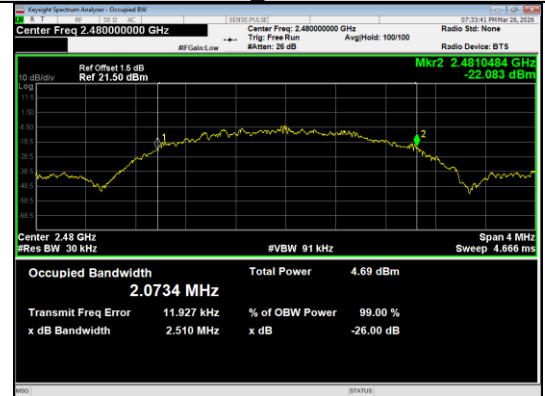
BLE 1M_Channel 19



BLE 2M_Channel 19



BLE 1M_Channel 39

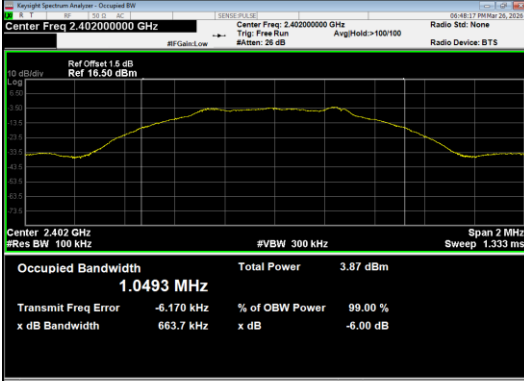
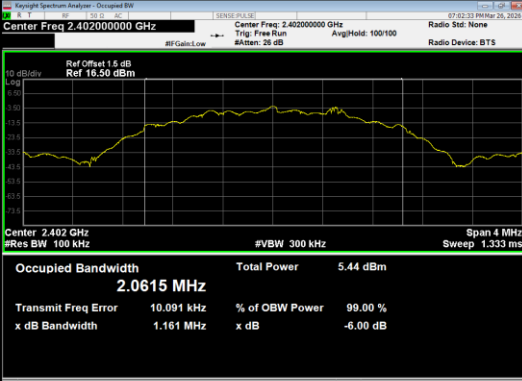
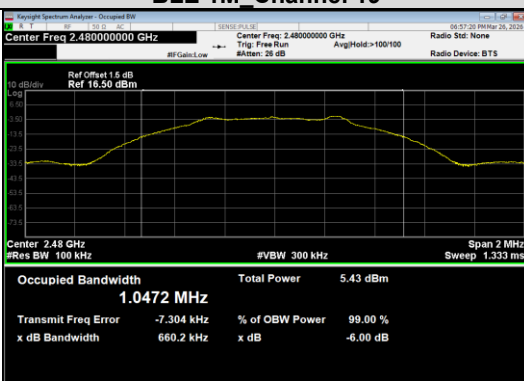
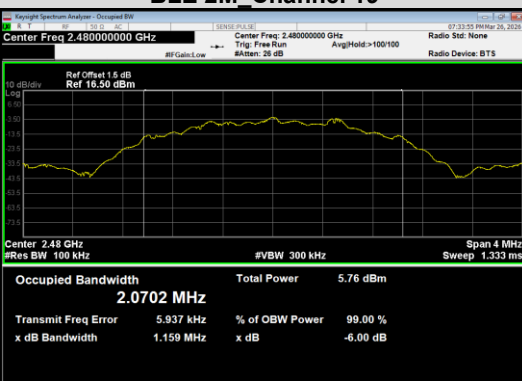


BLE 2M_Channel 39

6dB Bandwidth Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6600	≥0.5	PASS
	19	2440	0.6600		PASS
	39	2480	0.6600		PASS
BLE 2M	0	2402	1.160		PASS
	19	2440	1.150		PASS
	39	2480	1.160		PASS

Test Graphs

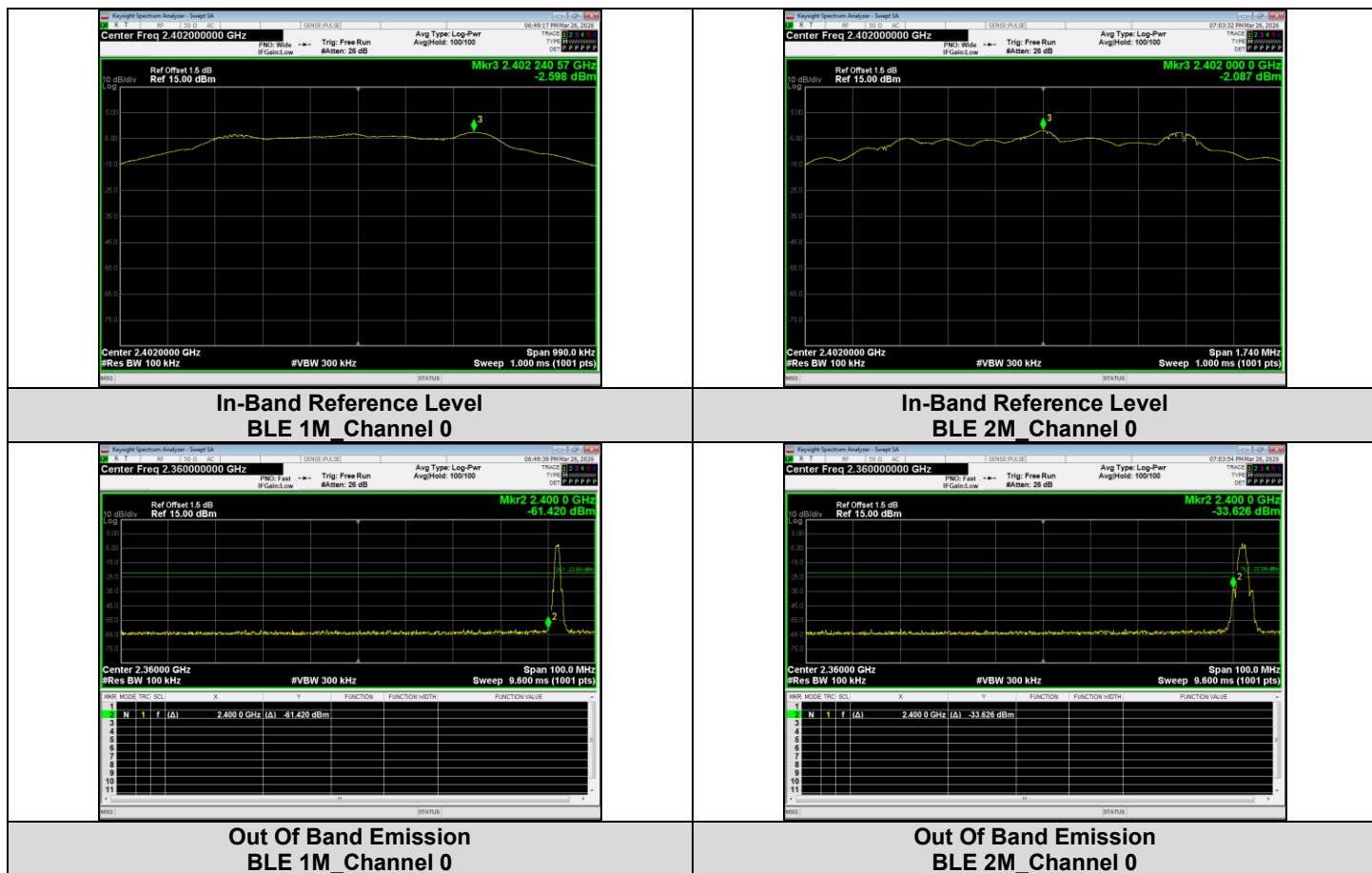
 BLE 1M Channel 0	 BLE 2M Channel 0
 BLE 1M Channel 19	 BLE 2M Channel 19
 BLE 1M Channel 39	 BLE 2M Channel 39

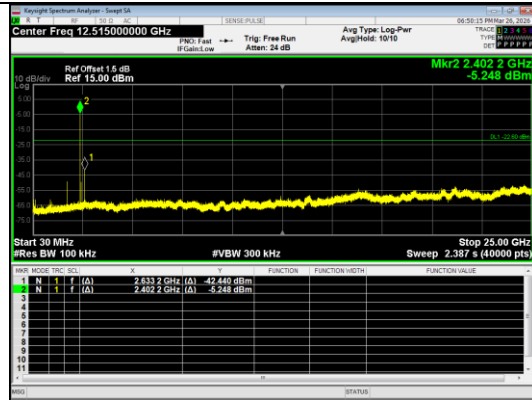
Conducted Out Of Band Emission

Test Result

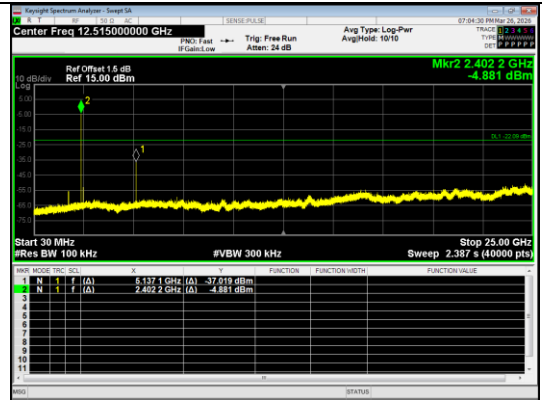
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2400.00	-61.420	-22.6	-38.820	PASS
		2633.19	-42.440	-22.6	-19.840	PASS
	39	24505.0	-51.657	-19.3	-32.357	PASS
		2483.50	-62.510	-21.05	-41.460	PASS
		24537.4	-50.571	-21.05	-29.521	PASS
BLE 2M	0	2400.00	-33.630	-22.09	-11.540	PASS
		5137.12	-37.019	-22.09	-14.929	PASS
	39	1762.96	-36.160	-21.95	-14.210	PASS
		2483.50	-60.640	-21.83	-38.810	PASS
		24616.1	-50.660	-21.83	-28.830	PASS

Test Graphs

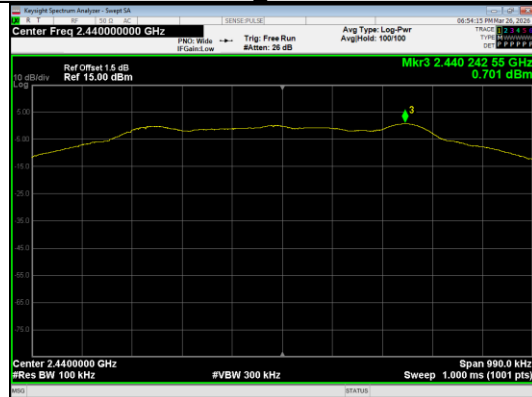




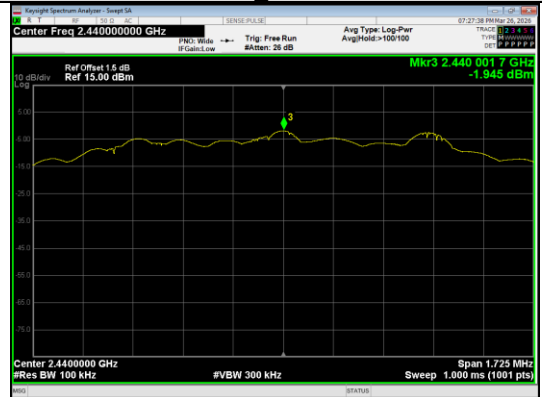
30.0 MHz - 25000.0 MHz
BLE 1M Channel 0



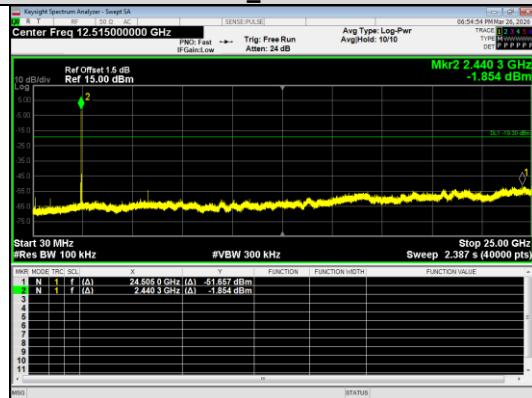
30.0 MHz - 25000.0 MHz
BLE 2M Channel 0



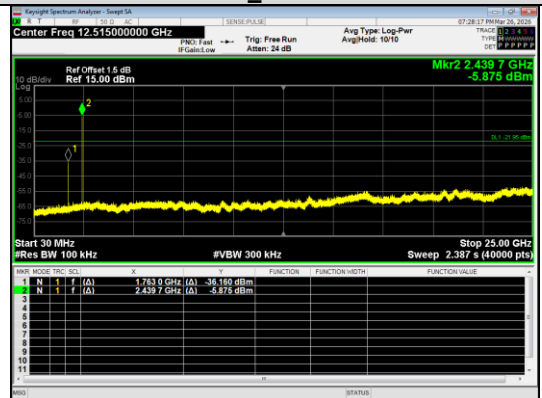
In-Band Reference Level
BLE 1M Channel 19



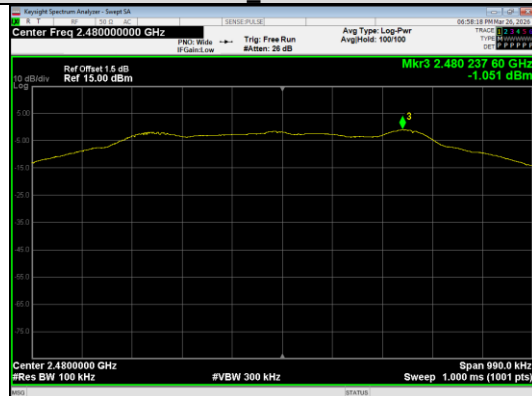
In-Band Reference Level
BLE 2M Channel 19



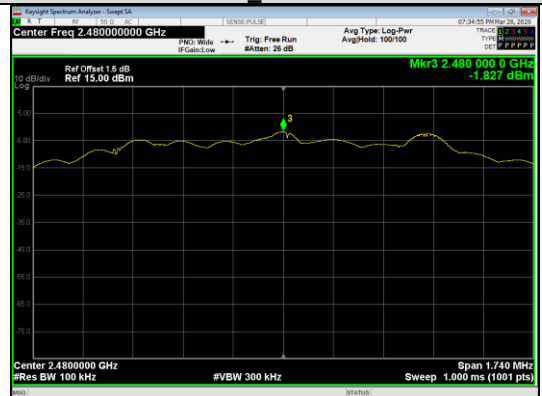
30.0 MHz - 25000.0 MHz
BLE 1M Channel 19



30.0 MHz - 25000.0 MHz
BLE 2M Channel 19

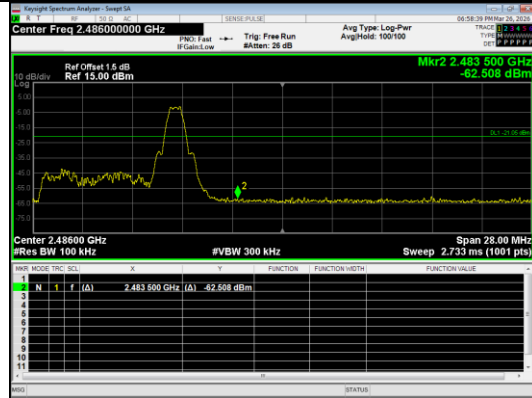


In-Band Reference Level

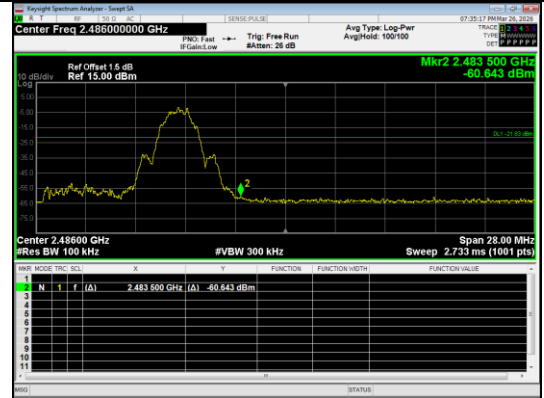


In-Band Reference Level

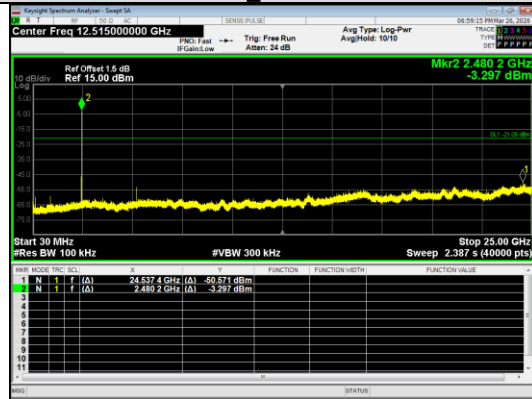
BLE 1M_Channel 39



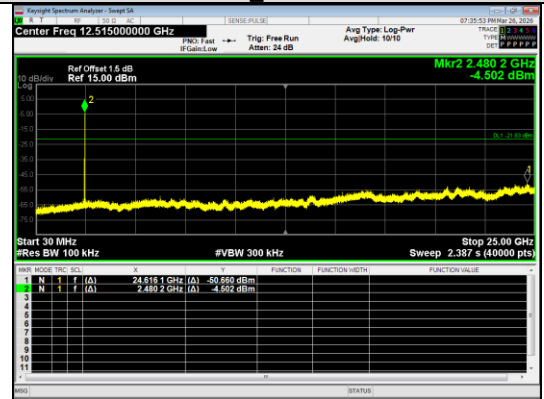
BLE 2M_Channel 39



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

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	57.11	0.5711	2.4329	0.9346
	19	1.070	1.874	57.11	0.5711	2.4329	0.9346
	39	1.070	1.874	57.09	0.5709	2.4344	0.9346

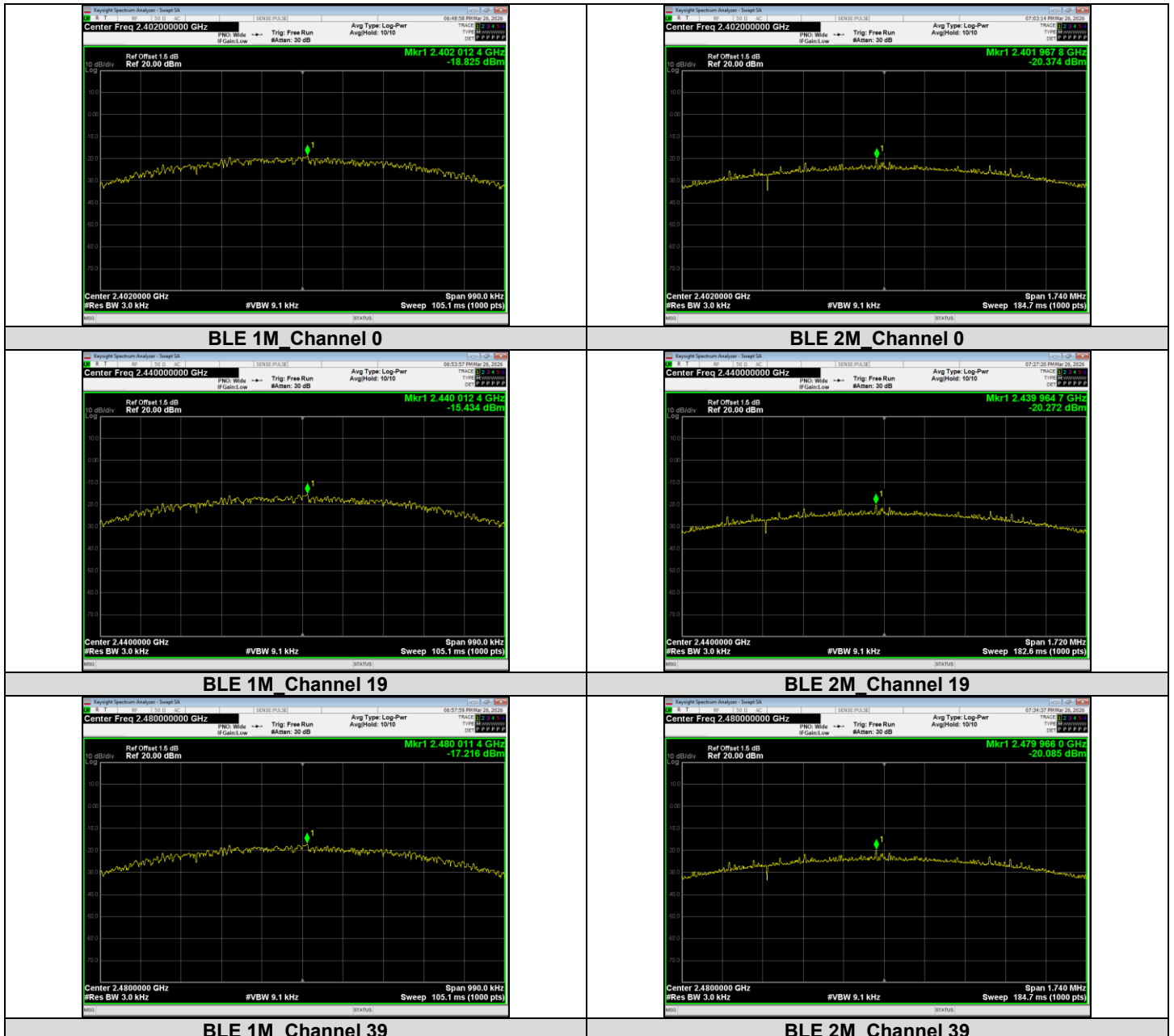
Test Graphs



Power Spectral Density Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-18.820	≤ 8	PASS
BLE 1M	19	-15.430	≤ 8	PASS
BLE 1M	39	-17.220	≤ 8	PASS
BLE 2M	0	-20.370	≤ 8	PASS
BLE 2M	19	-20.270	≤ 8	PASS
BLE 2M	39	-20.090	≤ 8	PASS

Test Graphs



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