



Conducted Output Power

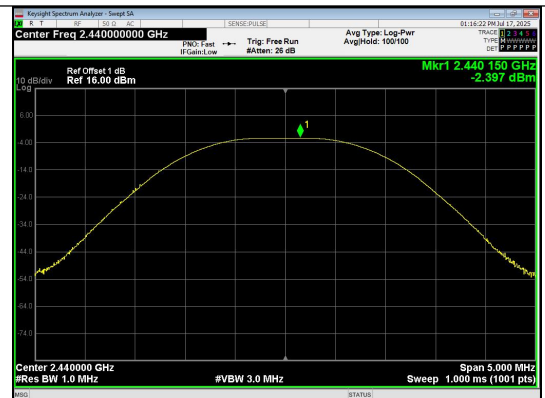
Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	-2.29	0.59	None	≤30	PASS
	19	-2.40	0.58	None	≤30	PASS
	39	-2.21	0.6	None	≤30	PASS
BLE 2M	0	-2.26	0.59	None	≤30	PASS
	19	-2.37	0.58	None	≤30	PASS
	39	-2.10	0.62	None	≤30	PASS

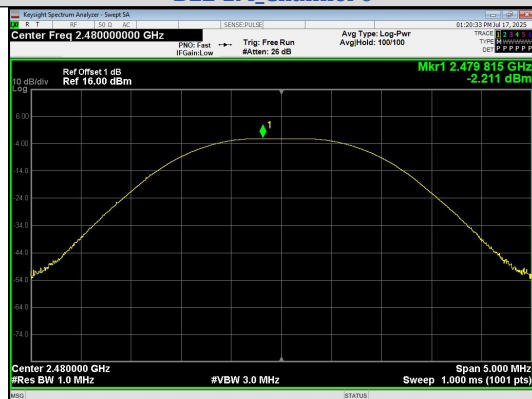
Test Graphs



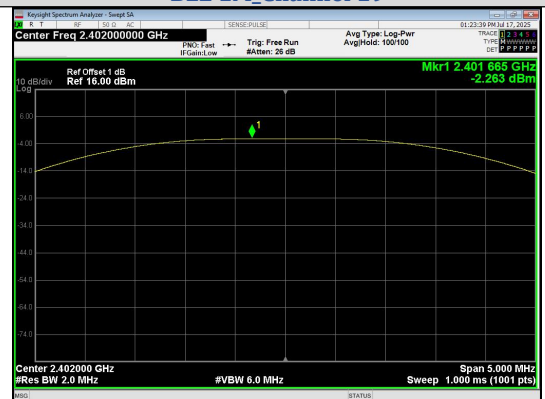
Peak Output Power
BLE 1M_Channel 0



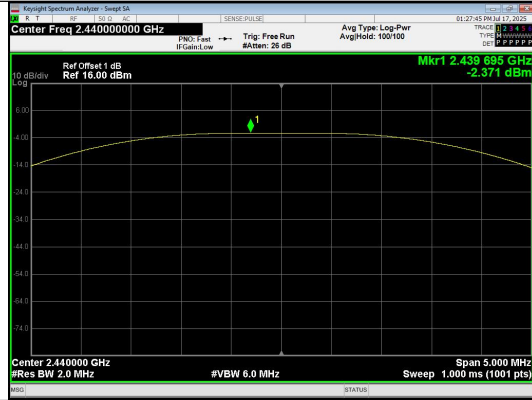
Peak Output Power
BLE 1M_Channel 19



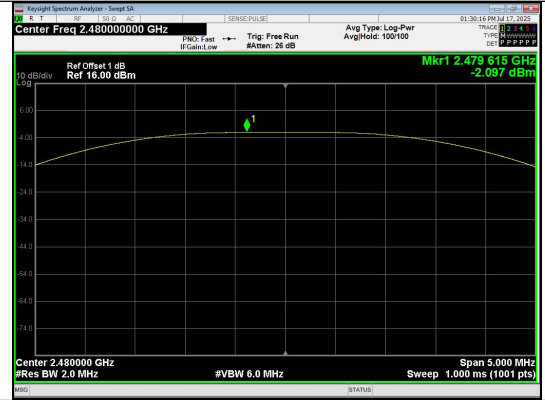
Peak Output Power
BLE 1M_Channel 39



Peak Output Power
BLE 2M_Channel 0



Peak Output Power
BLE 2M_Channel 19

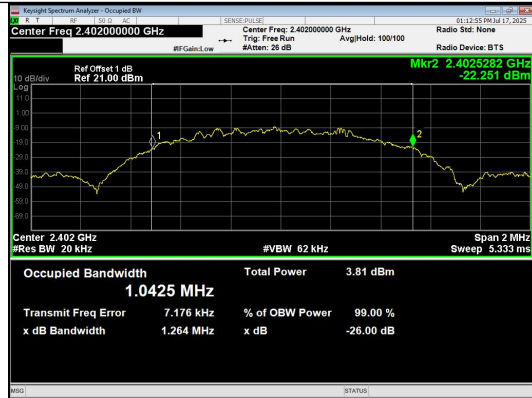


Peak Output Power
BLE 2M_Channel 39

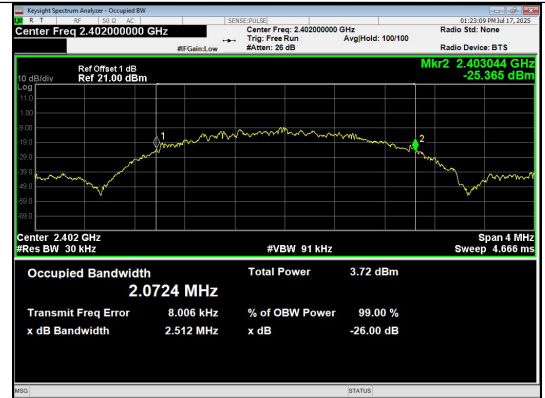
99% Bandwidth Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0425
BLE 1M	19	2440	1.0442
BLE 1M	39	2480	1.0456
BLE 2M	0	2402	2.0724
BLE 2M	19	2440	2.0725
BLE 2M	39	2480	2.0802

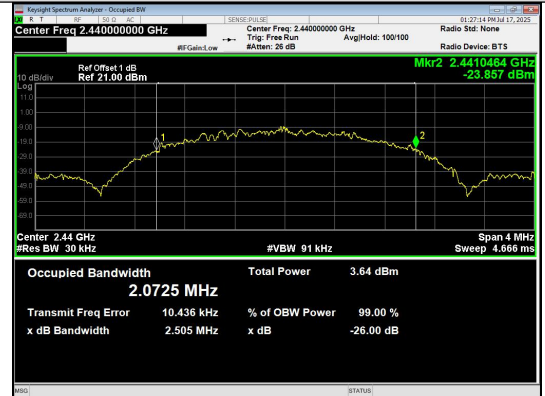
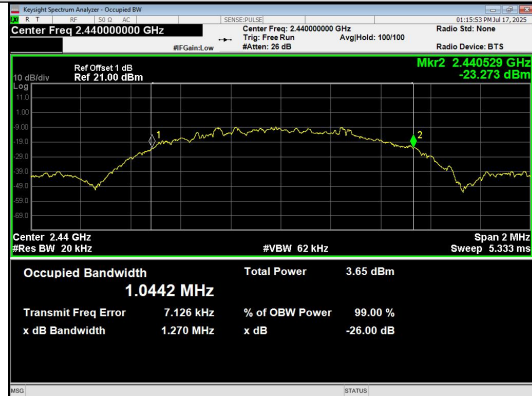
Test Graphs

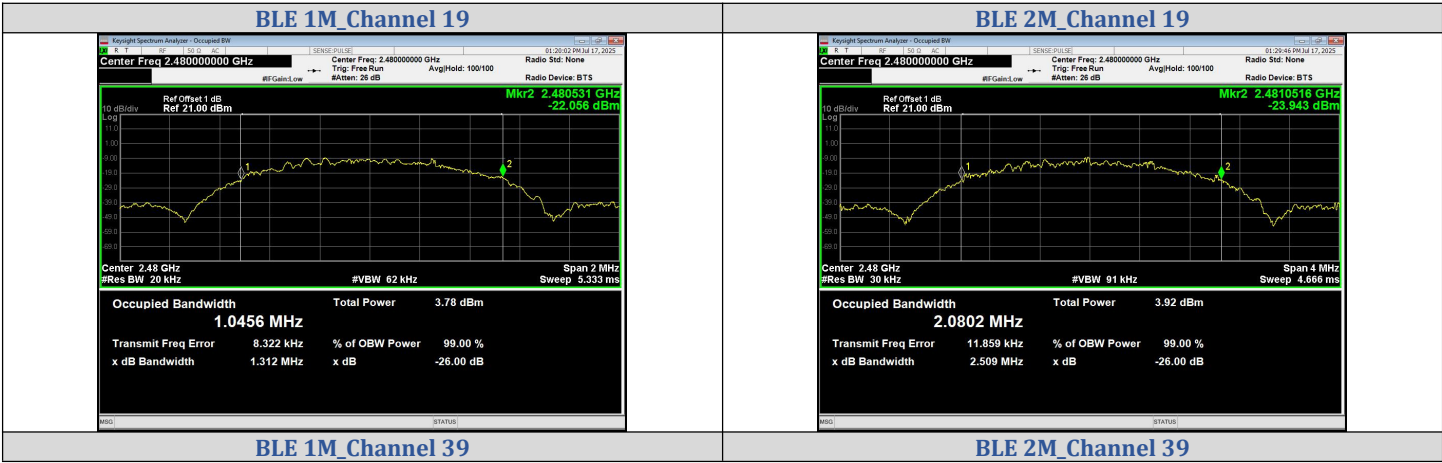


BLE 1M_Channel 0



BLE 2M_Channel 0





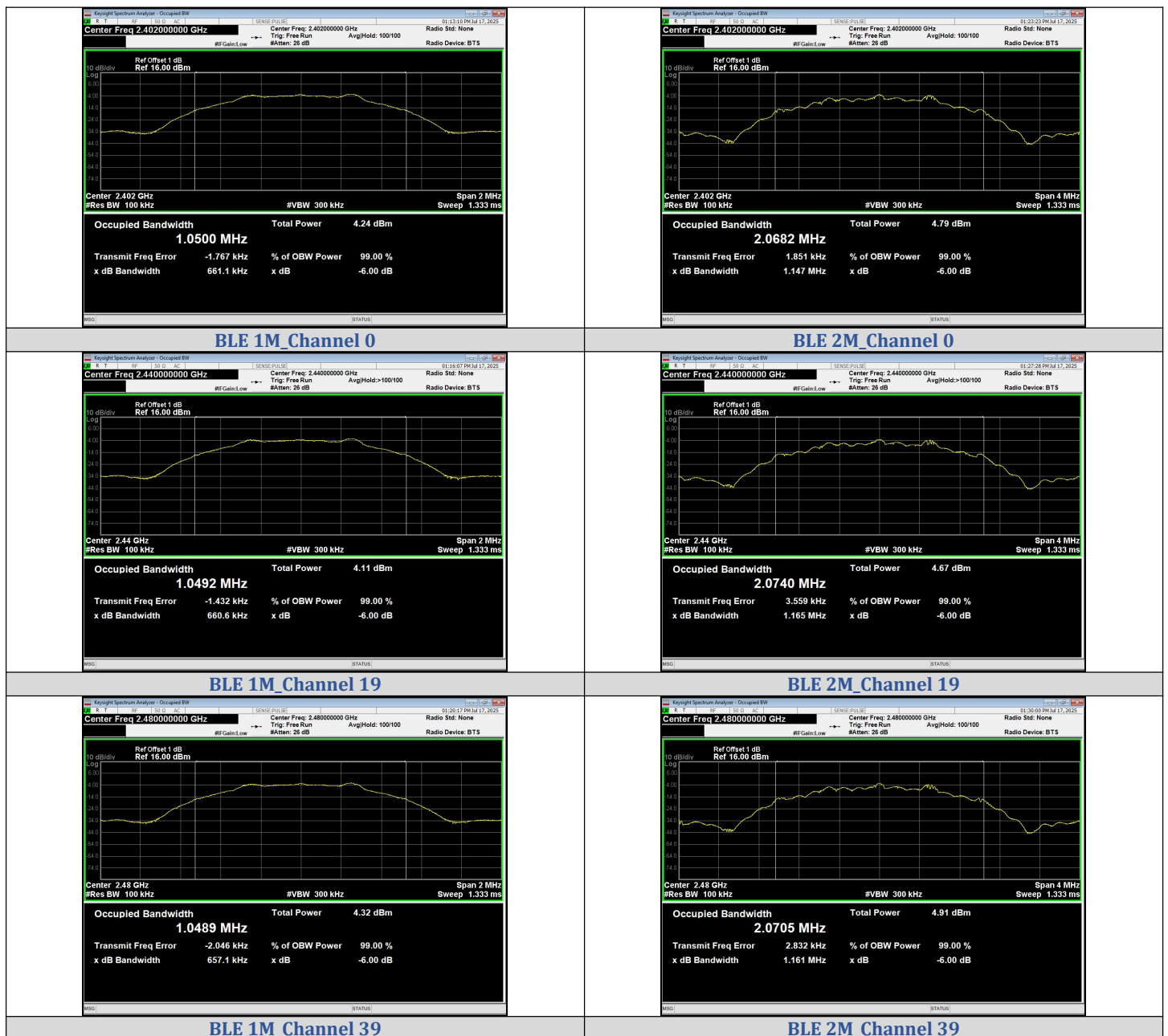


6dB Bandwidth

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	1.150		PASS
	19	2440	1.160		PASS
	39	2480	1.160		PASS

Test Graphs

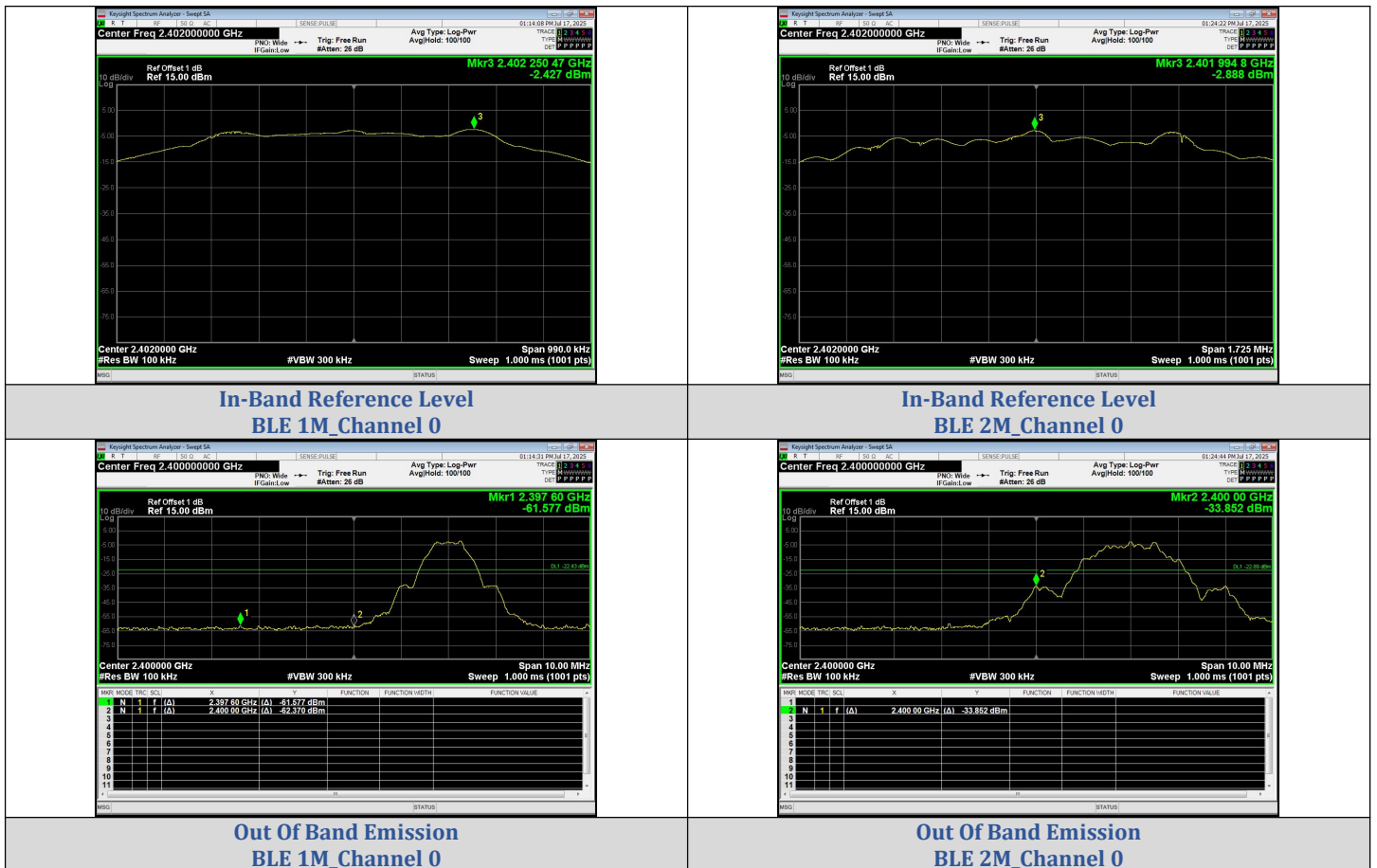


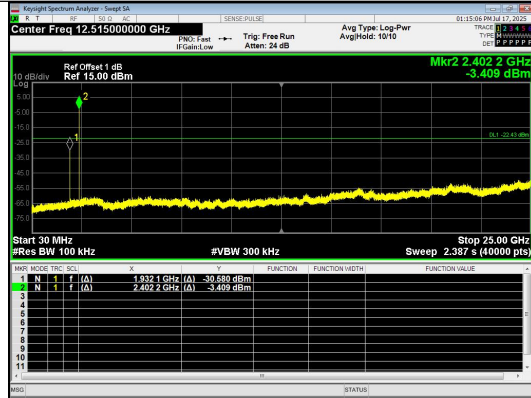


Conducted Out Of Band Emission Test Result

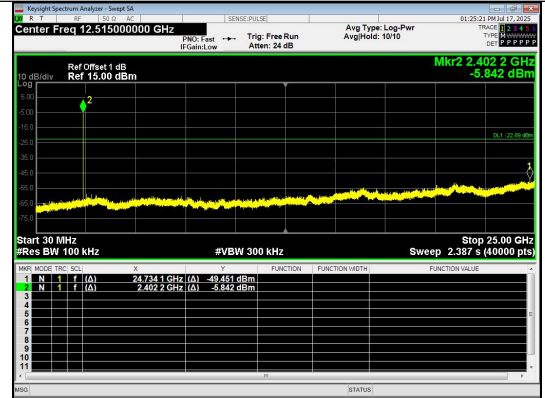
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	1932.10	-30.580	-22.43	-8.150	PASS
		2397.60	-61.577	-22.43	-39.147	PASS
		2400.00	-62.370	-22.43	-39.940	PASS
	19	24976.3	-49.983	-22.51	-27.473	PASS
		2483.50	-63.380	-22.28	-41.100	PASS
		24431.9	-49.303	-22.28	-27.023	PASS
BLE 2M	0	2400.00	-33.850	-22.89	-10.960	PASS
		24734.1	-49.450	-22.89	-26.560	PASS
	19	24932.0	-49.802	-22.99	-26.812	PASS
		2483.50	-61.360	-22.77	-38.590	PASS
	39	24366.4	-49.403	-22.77	-26.633	PASS

Test Graphs





30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



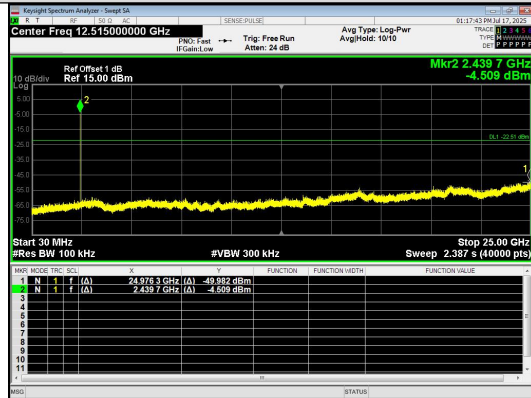
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



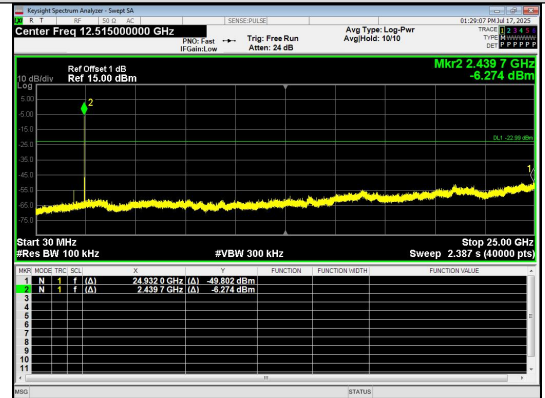
In-Band Reference Level
BLE 1M_Channel 19



In-Band Reference Level
BLE 2M_Channel 19



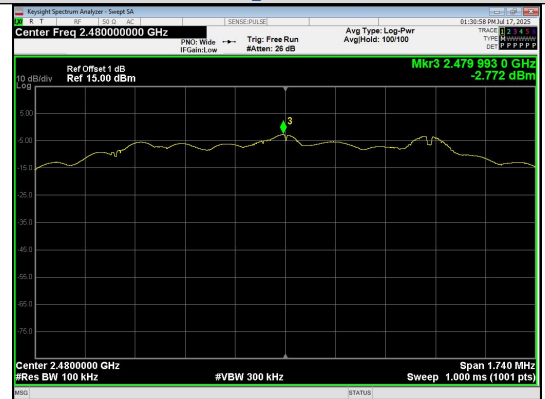
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



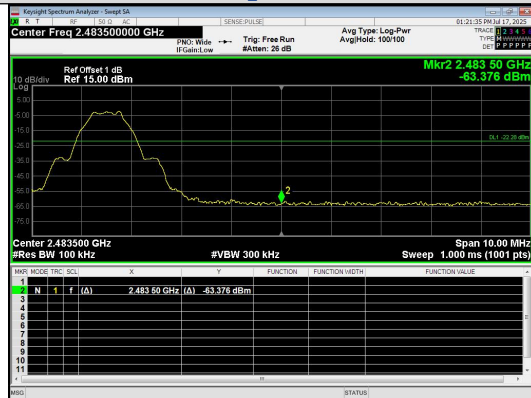
In-Band Reference Level



In-Band Reference Level



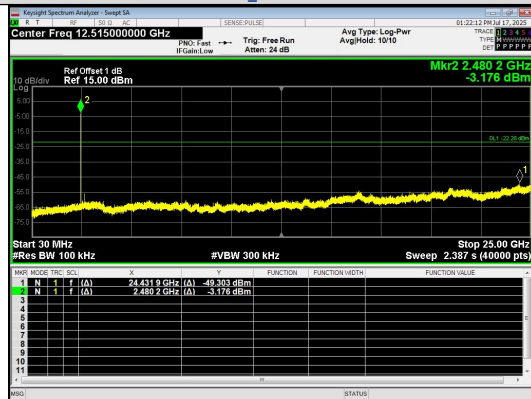
BLE 1M_Channel 39



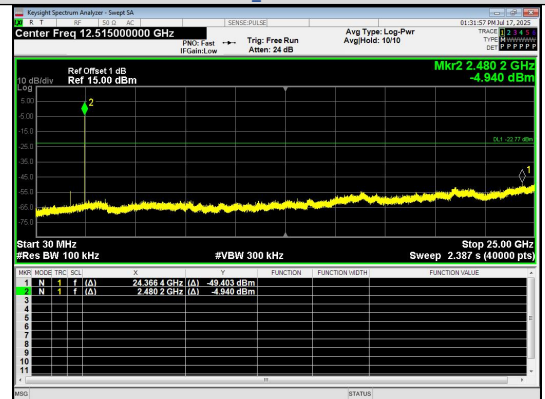
BLE 2M_Channel 39



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	57.06	0.5706	2.4367	0.9346
	19	1.070	1.874	57.06	0.5706	2.4367	0.9346
	39	1.070	1.874	57.11	0.5711	2.4329	0.9346

Test Graphs





Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-18.520	≤ 8	PASS
BLE 1M	19	-18.550	≤ 8	PASS
BLE 1M	39	-18.220	≤ 8	PASS
BLE 2M	0	-20.910	≤ 8	PASS
BLE 2M	19	-21.040	≤ 8	PASS
BLE 2M	39	-20.750	≤ 8	PASS

Test Graphs

