



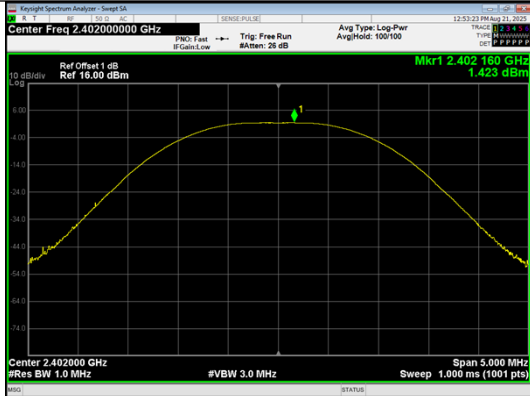
Conducted Output Power

Test Result

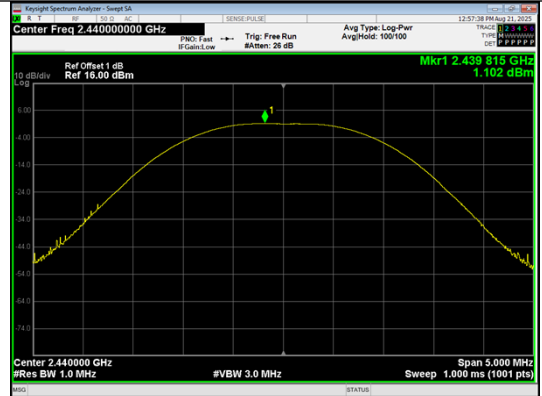
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
BLE 1M	0	1.42	1.39	None	≤30	PASS
	19	1.10	1.29	None	≤30	PASS
	39	0.53	1.13	None	≤30	PASS
BLE 2M	0	1.36	1.37	None	≤30	PASS
	19	1.09	1.29	None	≤30	PASS
	39	0.48	1.12	None	≤30	PASS



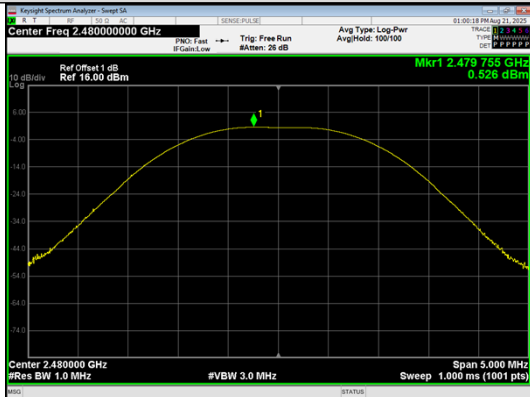
Test Graphs



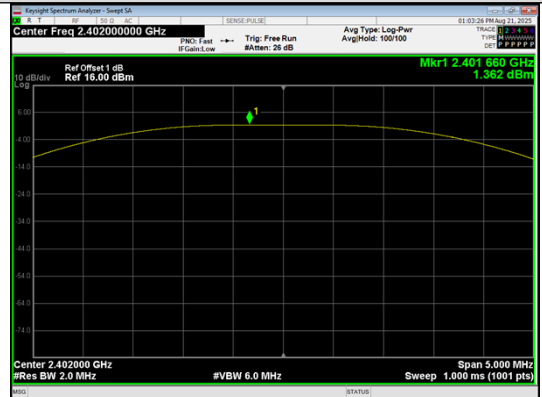
Peak Output Power
BLE 1M_Channel 0



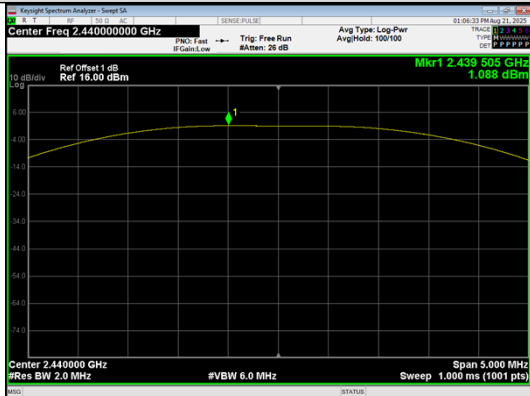
Peak Output Power
BLE 1M_Channel 19



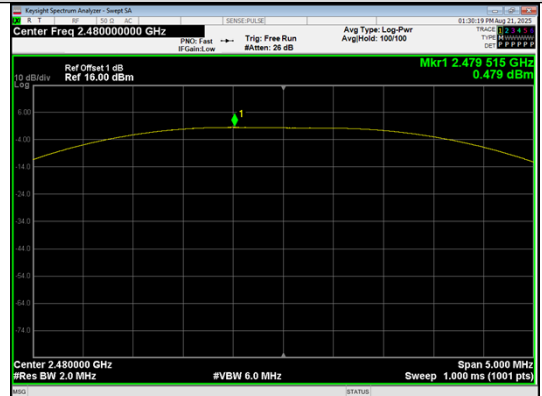
Peak Output Power
BLE 1M_Channel 39



Peak Output Power
BLE 2M_Channel 0



Peak Output Power
BLE 2M_Channel 19



Peak Output Power
BLE 2M_Channel 39

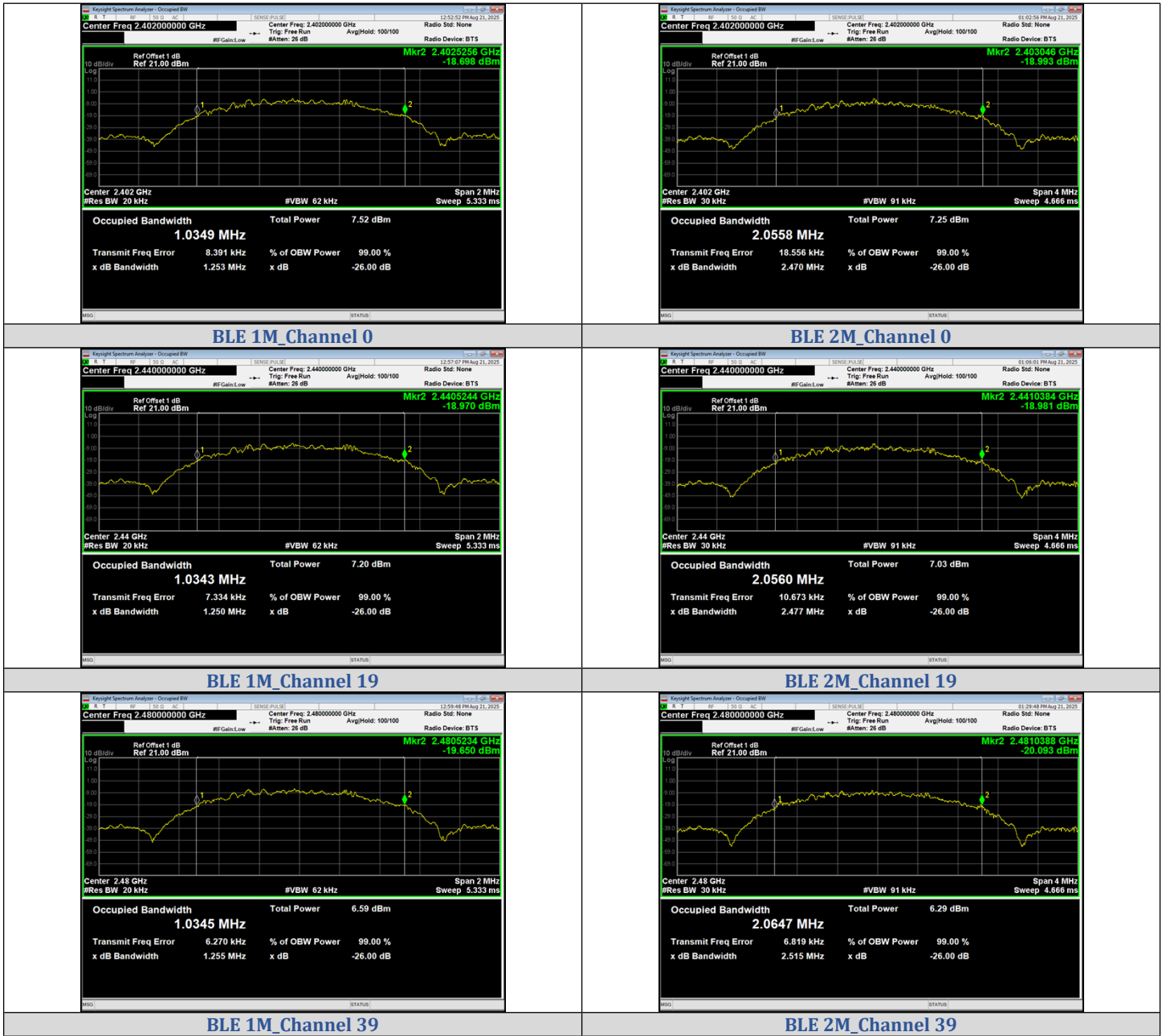


99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0349
BLE 1M	19	2440	1.0343
BLE 1M	39	2480	1.0345
BLE 2M	0	2402	2.0558
BLE 2M	19	2440	2.0560
BLE 2M	39	2480	2.0647

Test Graphs

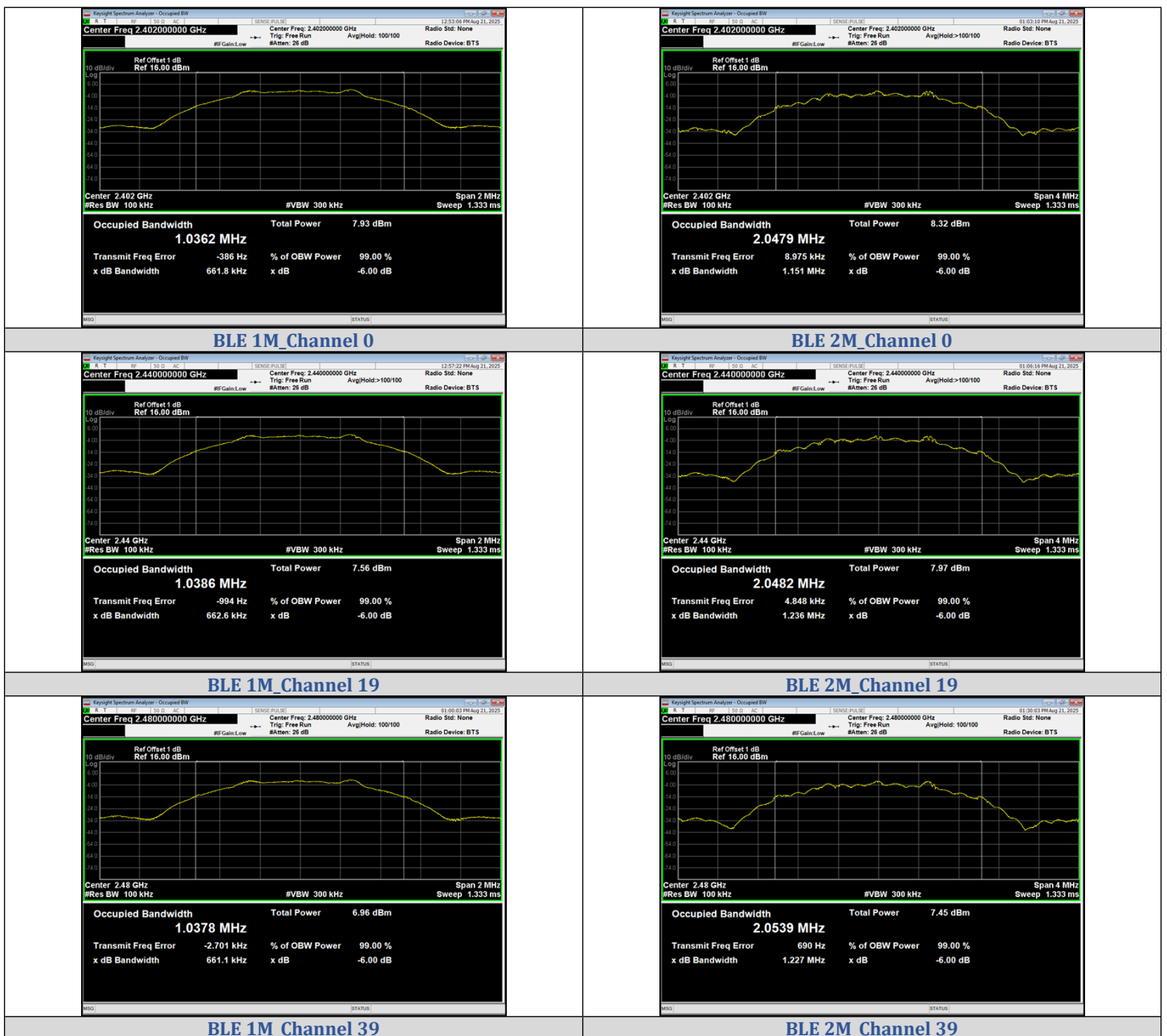




6dB Bandwidth Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.66	≥0.5	PASS
	19	2440	0.66		PASS
	39	2480	0.66		PASS
BLE 2M	0	2402	1.15		PASS
	19	2440	1.24		PASS
	39	2480	1.23		PASS

Test Graphs



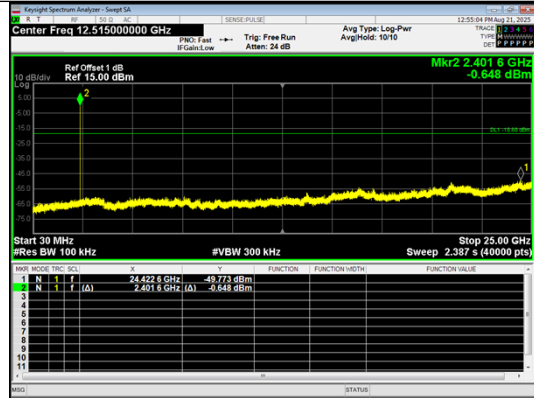


**Conducted Out Of Band Emission
Test Result**

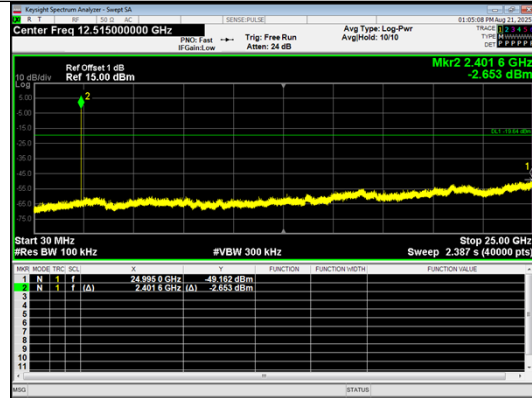
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2400.00	-57.970	-18.68	-39.290	PASS
		24422.5	-49.773	-18.68	-31.093	PASS
	39	24973.2	-49.600	-19.06	-30.540	PASS
		2483.50	-62.730	-19.66	-43.070	PASS
BLE 2M	0	24991.3	-49.540	-19.66	-29.880	PASS
		2400.00	-30.790	-19.64	-11.150	PASS
	24995.0	-49.161	-19.64	-29.521	PASS	
	19	24996.2	-49.226	-20.0	-29.226	PASS
		2483.50	-58.550	-20.61	-37.940	PASS
39	24986.3	-49.631	-20.61	-29.021	PASS	

Test Graphs

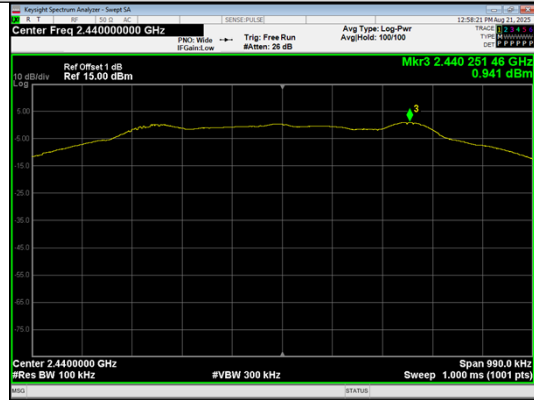




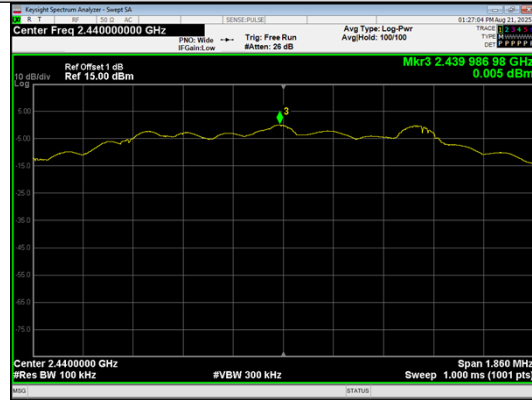
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



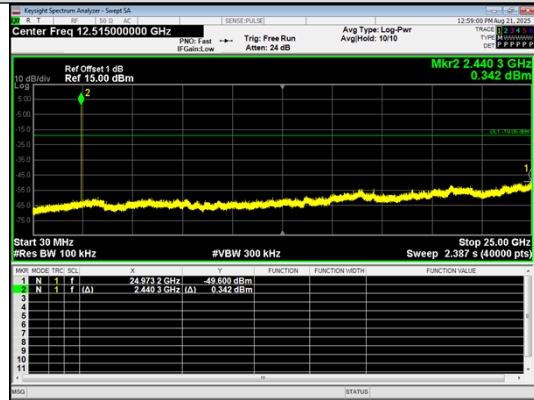
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



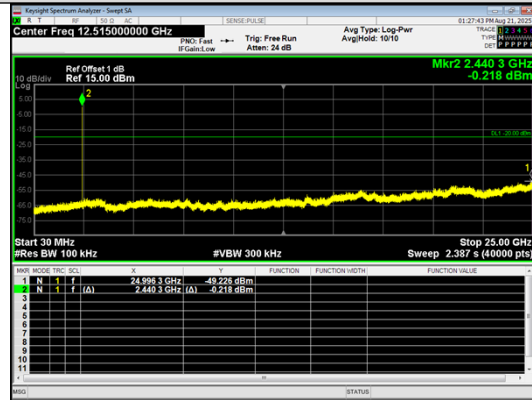
In-Band Reference Level
BLE 1M_Channel 19



In-Band Reference Level
BLE 2M_Channel 19



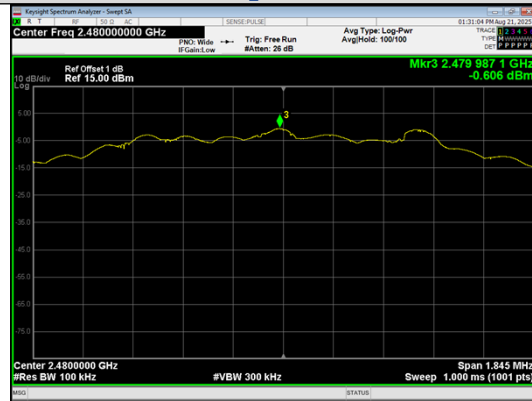
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



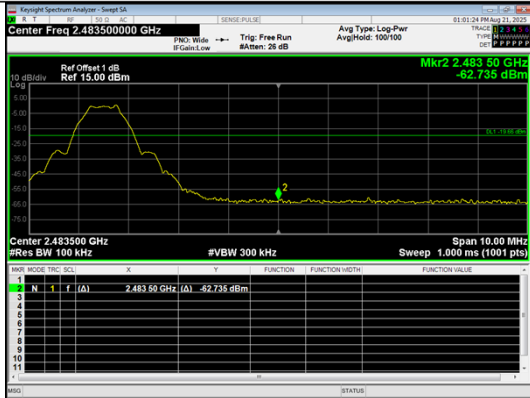
In-Band Reference Level



In-Band Reference Level



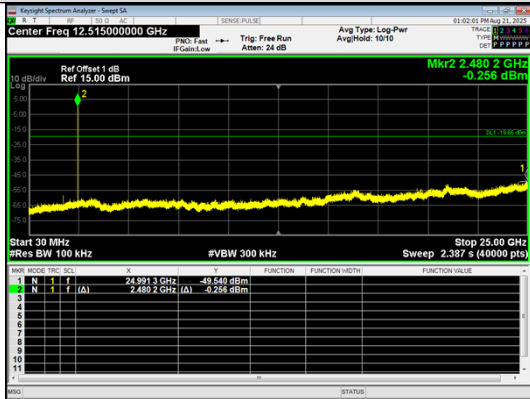
BLE 1M_Channel 39



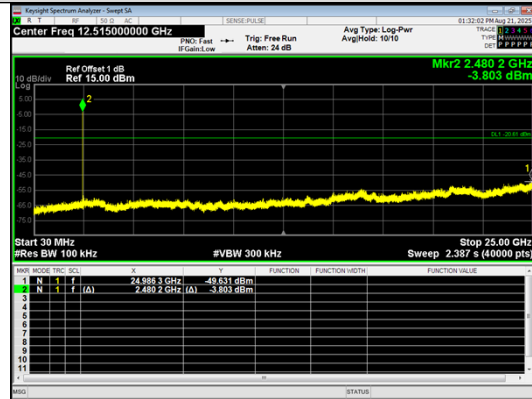
BLE 2M_Channel 39



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	2.125	2.498	85.07	0.8507	0.7022	0.4706
	19	2.125	2.498	85.07	0.8507	0.7022	0.4706
	39	2.125	2.498	85.07	0.8507	0.7022	0.4706
BLE 2M	0	1.070	1.874	57.09	0.5709	2.4344	0.9346
	19	1.070	1.874	57.09	0.5709	2.4344	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	-14.65	≤8	PASS
BLE 1M	19	-15.06	≤8	PASS
BLE 1M	39	-15.65	≤8	PASS
BLE 2M	0	-17.20	≤8	PASS
BLE 2M	19	-17.48	≤8	PASS
BLE 2M	39	-18.15	≤8	PASS

Test Graphs

