



Duty Cycle

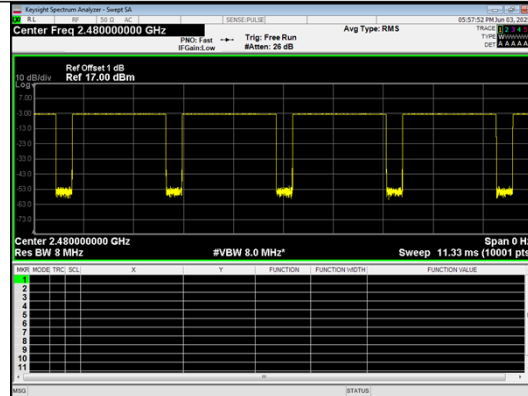
Test Result

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

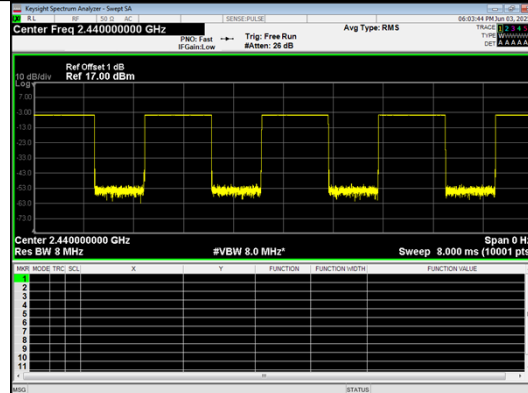
Test Graphs



BLE 1M_Channel 0



BLE 1M_Channel 39



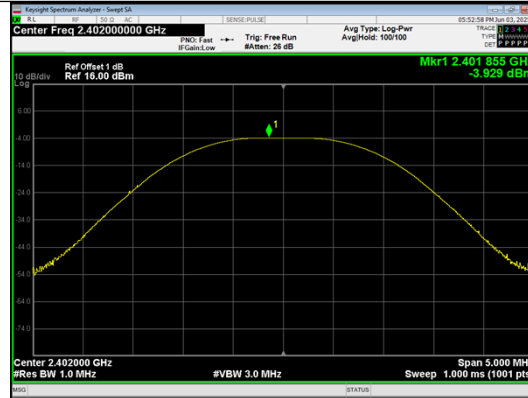
BLE 2M_Channel 19

Conducted Output Power

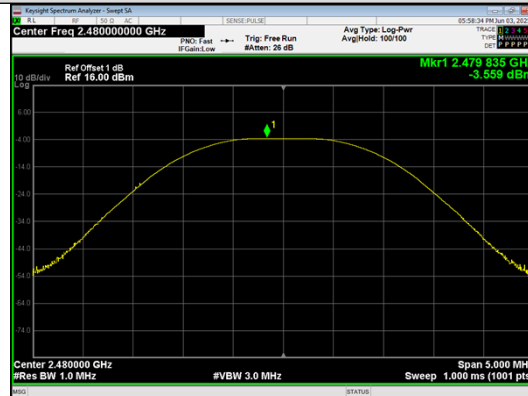
Test Result

Mode	Channel	Peak Output Power (dBm)	Limit (dBm)	Result
BLE 1M	0	-3.93	≤30	PASS
	19	-4.81	≤30	PASS
	39	-3.56	≤30	PASS

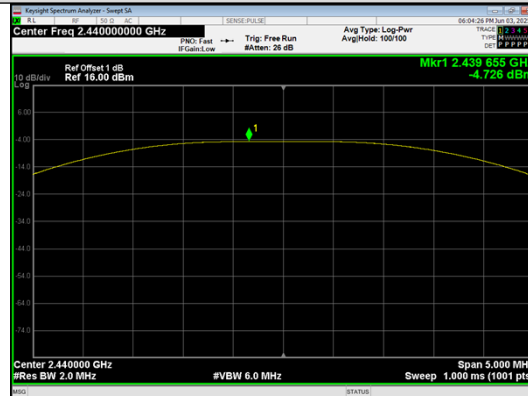
Test Graphs



Peak Output Power
BLE 1M_Channel 0



Peak Output Power
BLE 1M_Channel 39



Peak Output Power
BLE 2M_Channel 19

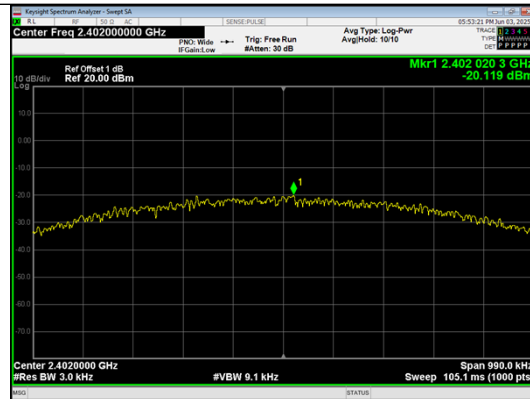


Power Spectral Density

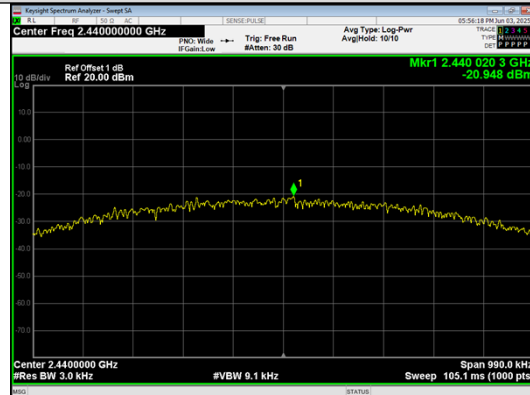
Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-20.119	≤8	PASS
BLE 1M	19	-20.948	≤8	PASS
BLE 1M	39	-19.763	≤8	PASS

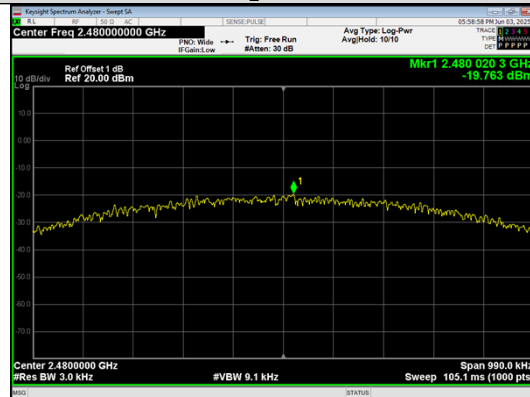
Test Graphs



BLE 1M_Channel 0



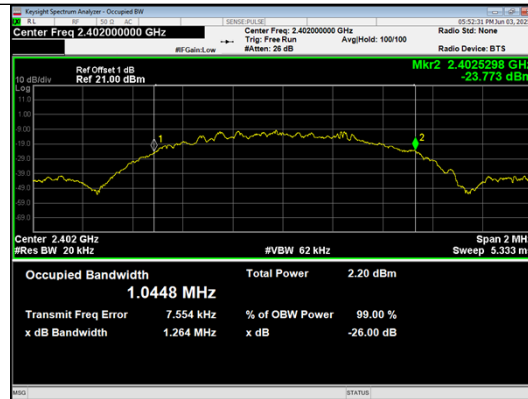
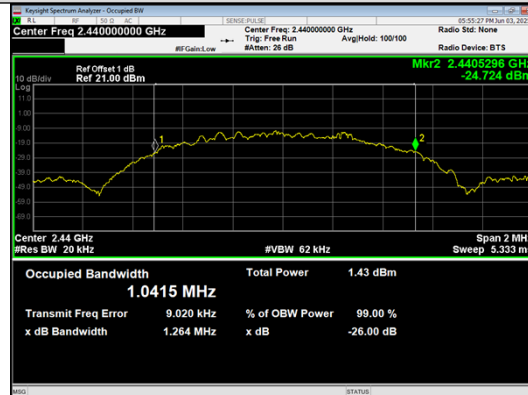
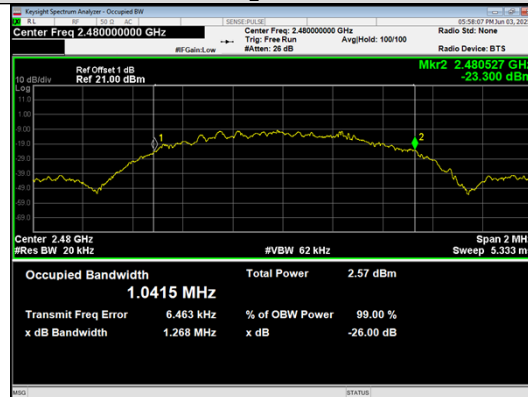
BLE 1M_Channel 19



BLE 1M_Channel 39

**99% Bandwidth****Test Result**

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0448
BLE 1M	19	2440	1.0415
BLE 1M	39	2480	1.0415

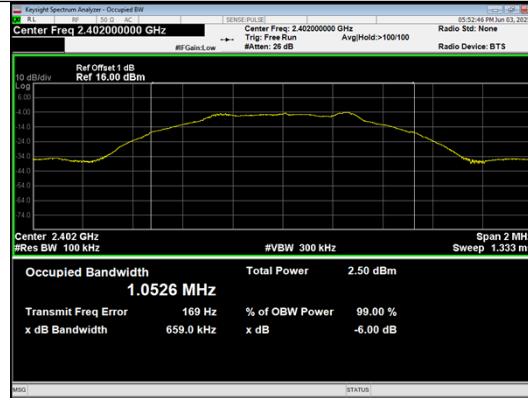
Test Graphs**BLE 1M_Channel 0****BLE 1M_Channel 19****BLE 1M_Channel 39**

6dB Bandwidth

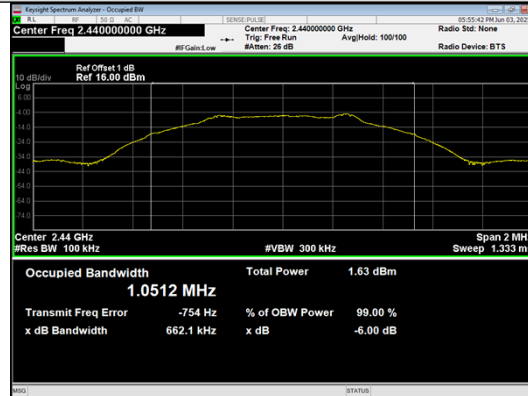
Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6590	≥0.5	PASS
	19	2440	0.6621		PASS
	39	2480	0.6615		PASS

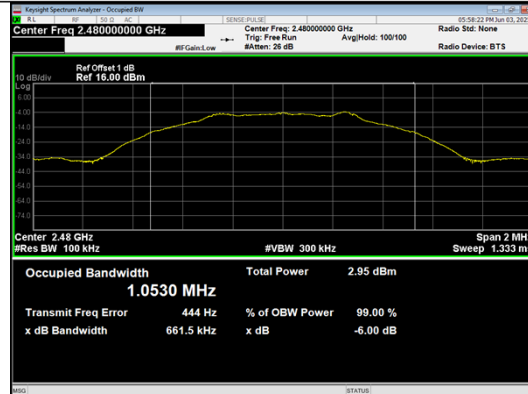
Test Graphs



BLE 1M_Channel 0



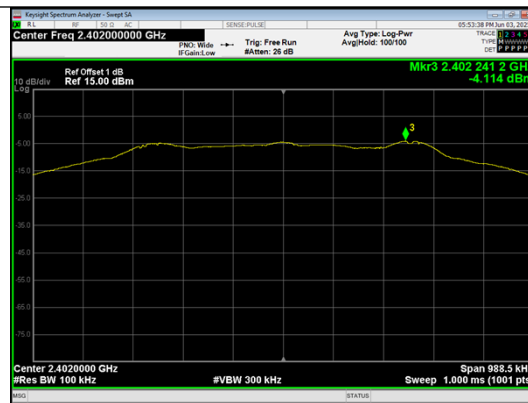
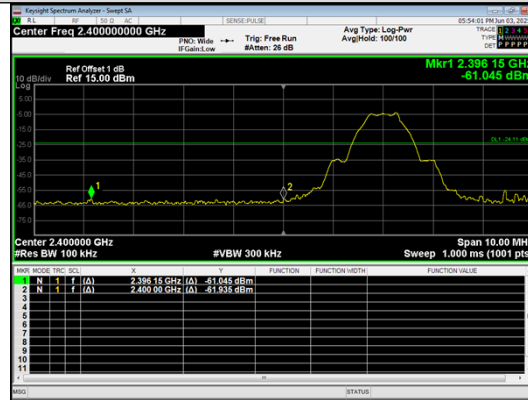
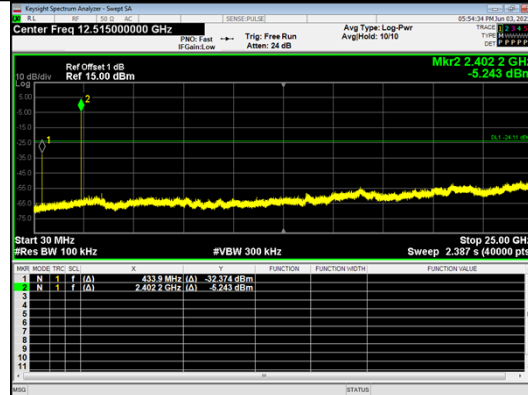
BLE 1M_Channel 19



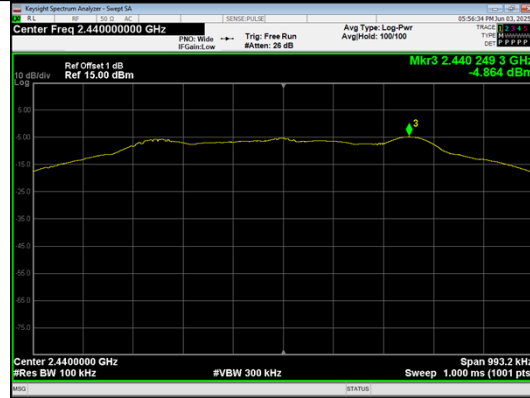
BLE 1M_Channel 39

**Conducted Out Of Band Emission****Test Result**

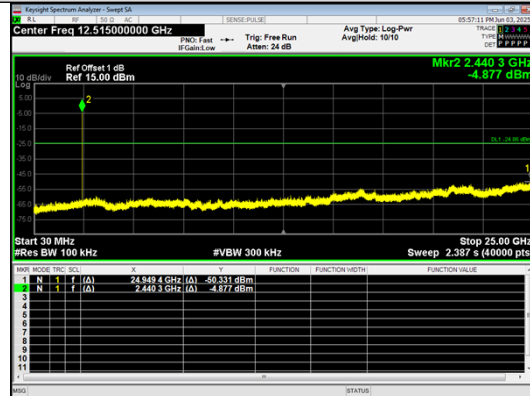
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	433.90	-32.374	-24.11	-8.264	PASS
		2396.15	-61.045	-24.11	-36.935	PASS
		2400.00	-61.935	-24.11	-37.825	PASS
	19	24949.4	-50.331	-24.86	-25.471	PASS
	39	2483.50	-63.149	-23.6	-39.549	PASS
		2623.20	-32.486	-23.6	-8.886	PASS

Test Graphs**In-Band Reference Level
BLE 1M_Channel 0****Out Of Band Emission
BLE 1M_Channel 0****30.0 MHz - 25000.0 MHz**

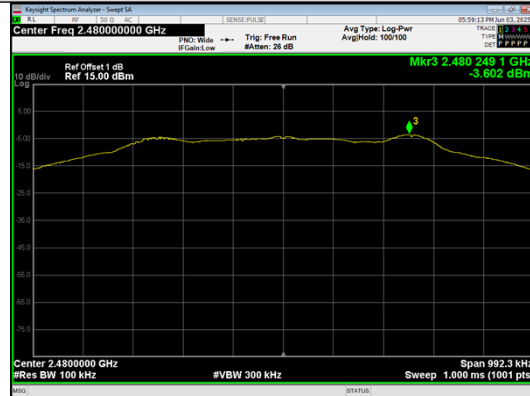
BLE 1M_Channel 0



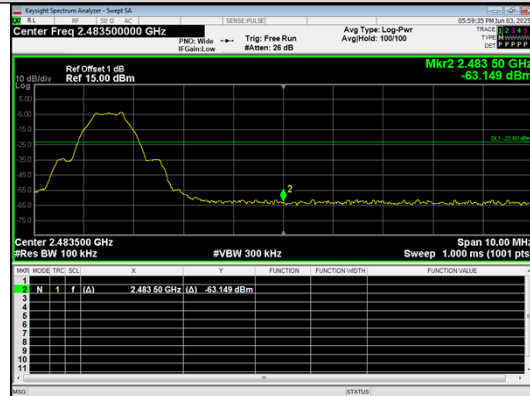
In-Band Reference Level BLE 1M_Channel 19



30.0 MHz - 25000.0 MHz BLE 1M_Channel 19



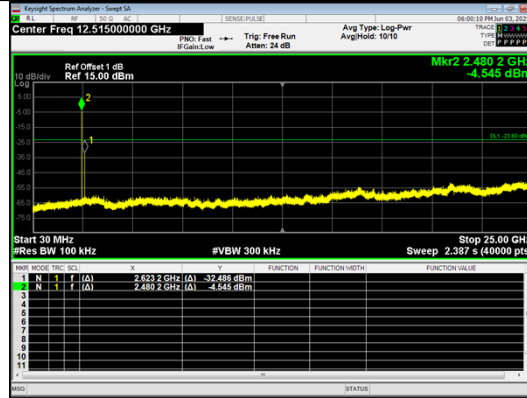
In-Band Reference Level BLE 1M_Channel 39



Out Of Band Emission



BLE 1M_Channel 39



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39

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