

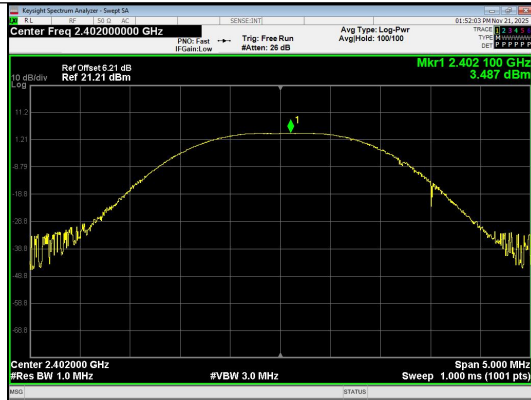
Appendix A: Test Results of Bluetooth BLE.

Conducted Output Power

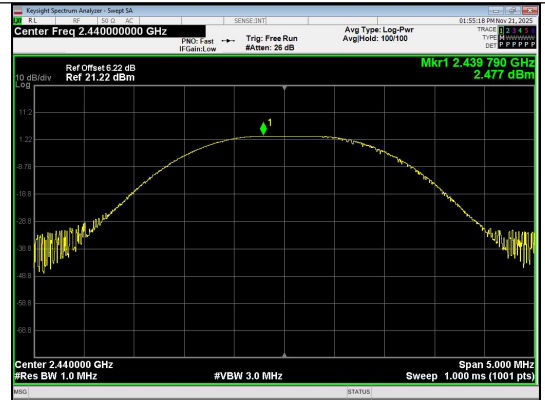
Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	3.49	2.23	≤30	PASS
	19	2.48	1.77	≤30	PASS
	39	2.69	1.86	≤30	PASS

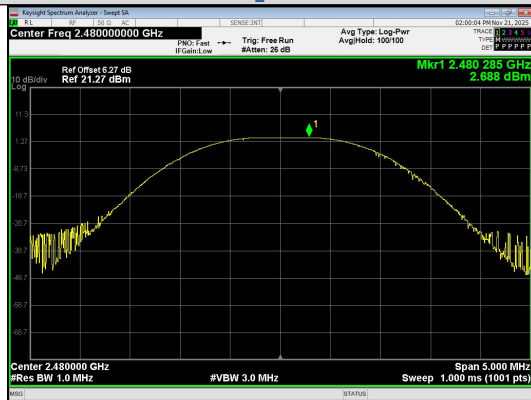
Test Graphs



Peak Output Power
BLE 1M_Channel 0



Peak Output Power
BLE 1M_Channel 19



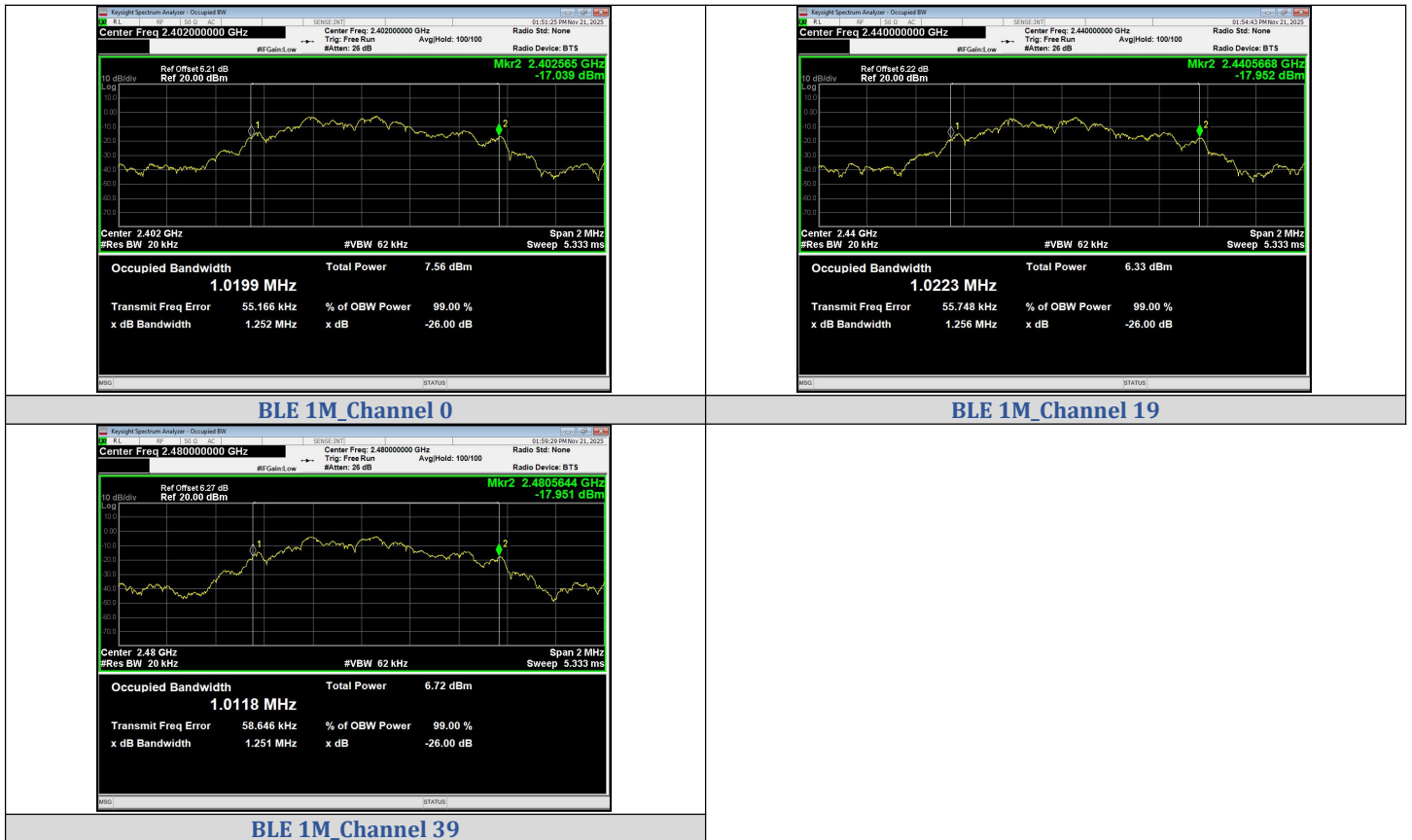
Peak Output Power
BLE 1M_Channel 39

99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0199
BLE 1M	19	2440	1.0223
BLE 1M	39	2480	1.0118

Test Graphs

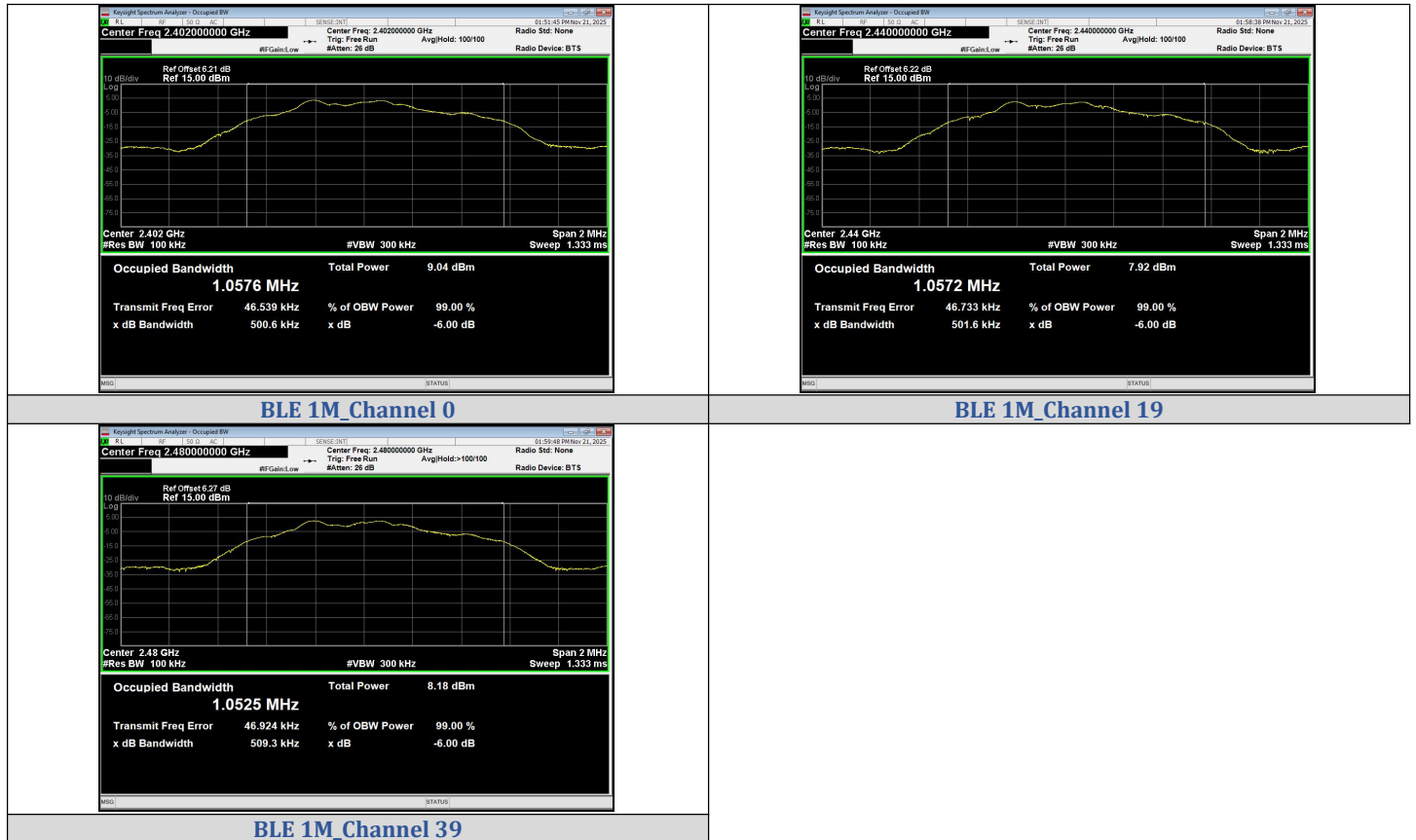


6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.5006	≥0.5	PASS
	19	2440	0.5016		PASS
	39	2480	0.5093		PASS

Test Graphs



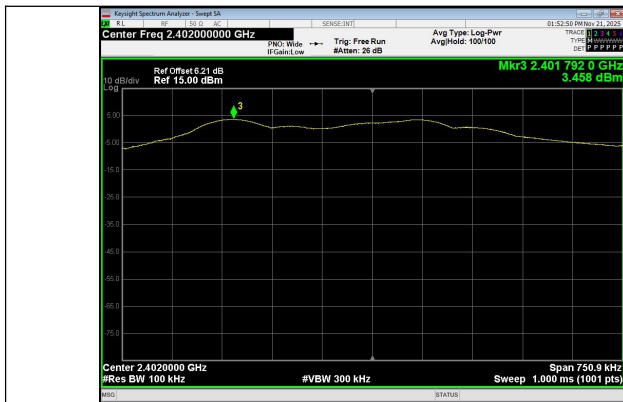
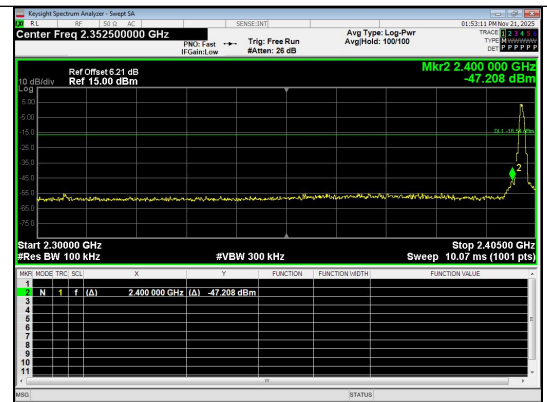
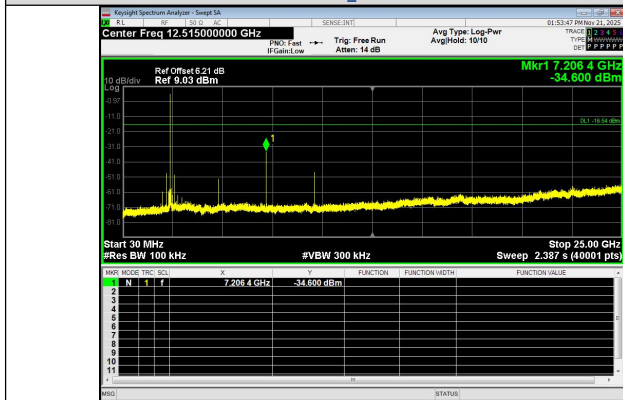
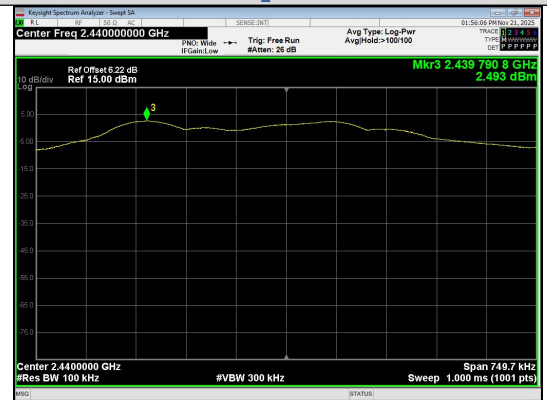
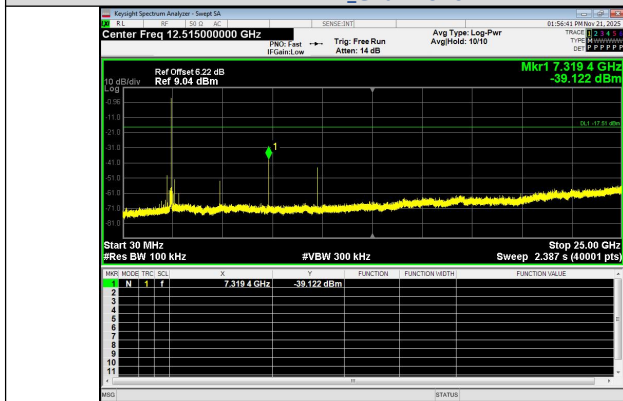
Conducted Spurious & Band Edge Emission

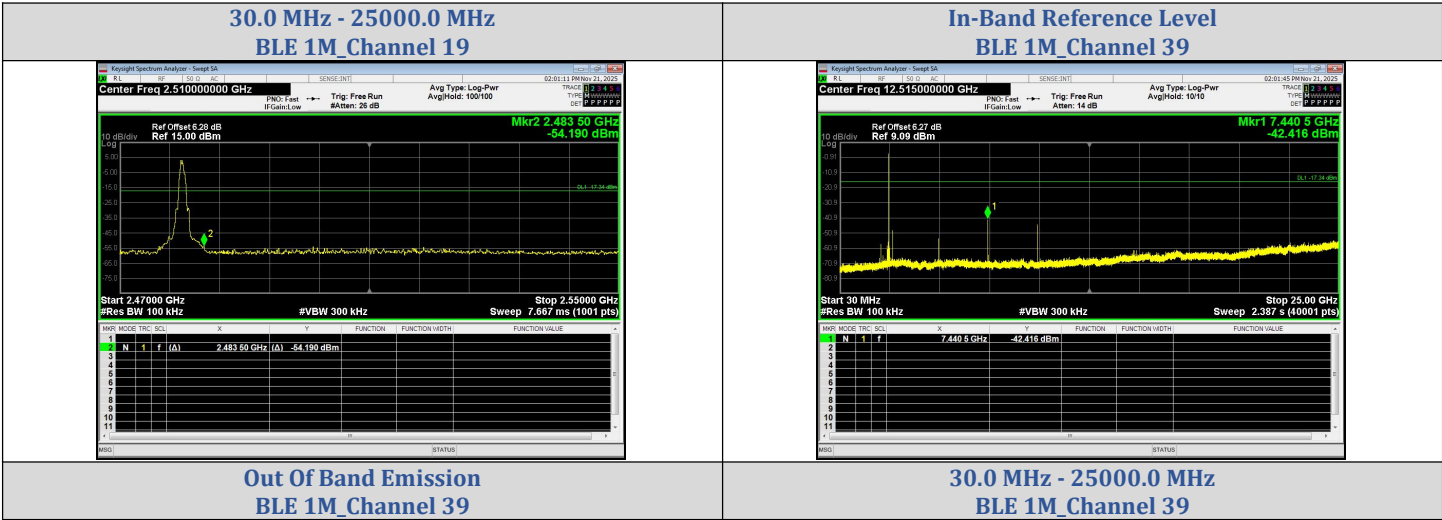
Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2400.00	-47.208	-16.54	-30.668	PASS
		7206.38	-34.600	-16.54	-18.060	PASS
	19	7319.37	-39.122	-17.51	-21.612	PASS
	39	2483.50	-54.190	-17.34	-36.850	PASS
		7440.47	-42.416	-17.34	-25.076	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

In-Band Reference Level
BLE 1M_Channel 0Out Of Band Emission
BLE 1M_Channel 030.0 MHz - 25000.0 MHz
BLE 1M_Channel 0In-Band Reference Level
BLE 1M_Channel 19



Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-15.480	≤8	PASS
BLE 1M	19	-16.150	≤8	PASS
BLE 1M	39	-16.140	≤8	PASS

Test Graphs

