

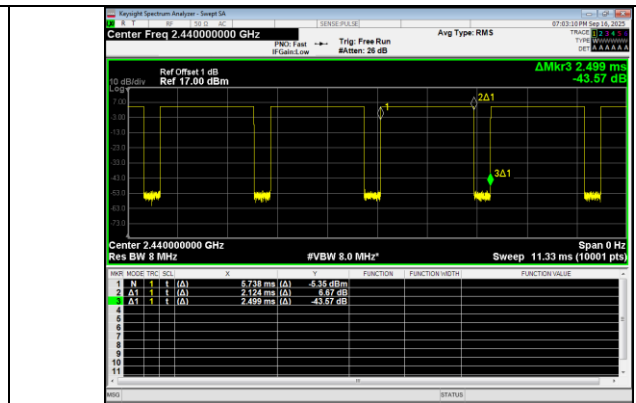
Duty Cycle Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	0	2.123	2.499	84.94	0.8494	0.7089	0.4710
	19	2.124	2.499	84.99	0.8499	0.7063	0.4708
	39	2.124	2.499	84.99	0.8499	0.7063	0.4708
BLE 2M	0	1.066	1.873	56.93	0.5693	2.4466	0.9381
	19	1.067	1.874	56.94	0.5694	2.4458	0.9372
	39	1.067	1.874	56.94	0.5694	2.4458	0.9372

Test Graphs



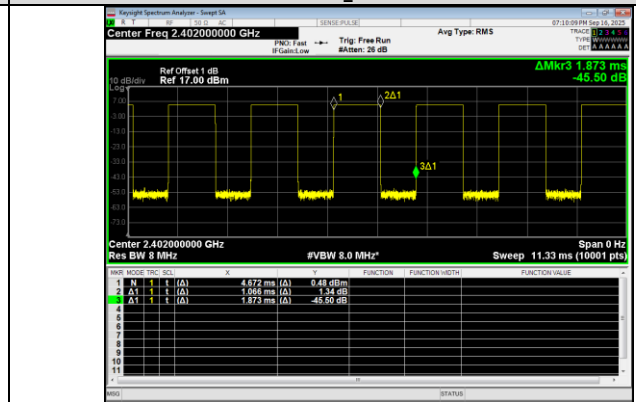
BLE 1M_Channel 0



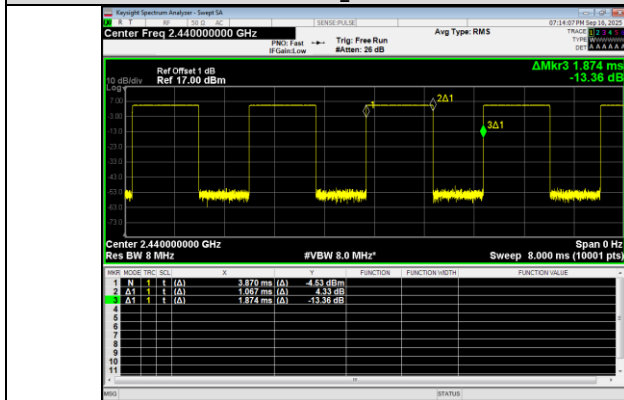
BLE 1M_Channel 19



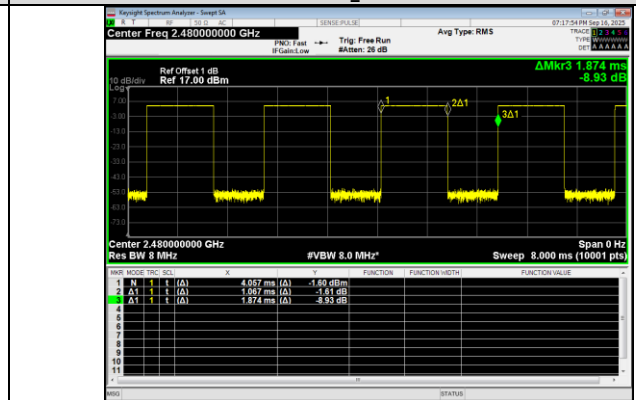
BLE 1M_Channel 39



BLE 2M_Channel 0



BLE 2M_Channel 19



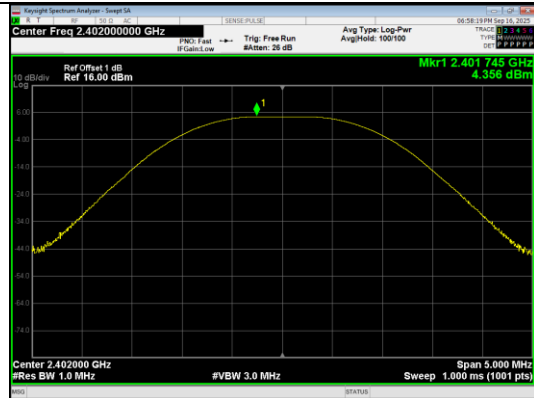
BLE 2M_Channel 39

Conducted Output Power

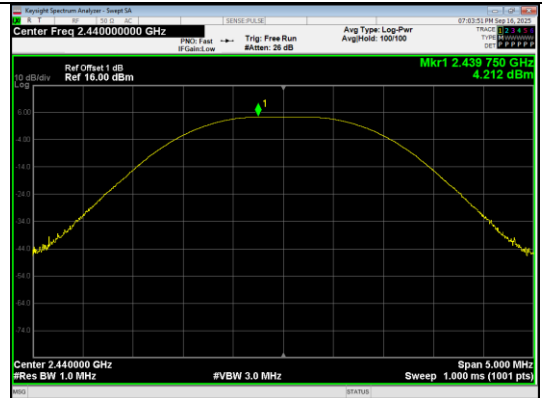
Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	4.36	2.73	≤30	PASS
	19	4.21	2.64	≤30	PASS
	39	3.98	2.5	≤30	PASS
BLE 2M	0	4.44	2.78	≤30	PASS
	19	4.21	2.64	≤30	PASS
	39	4.04	2.54	≤30	PASS

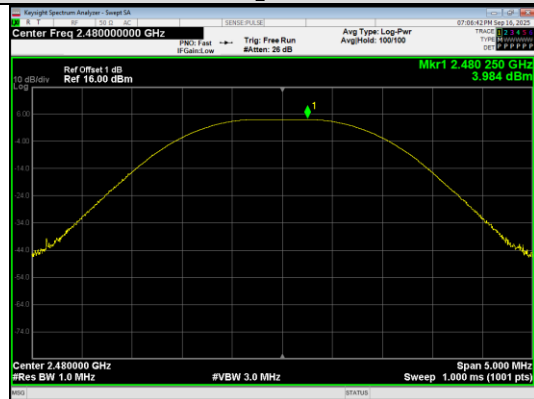
Test Graphs



Peak Output Power
BLE 1M_Channel 0



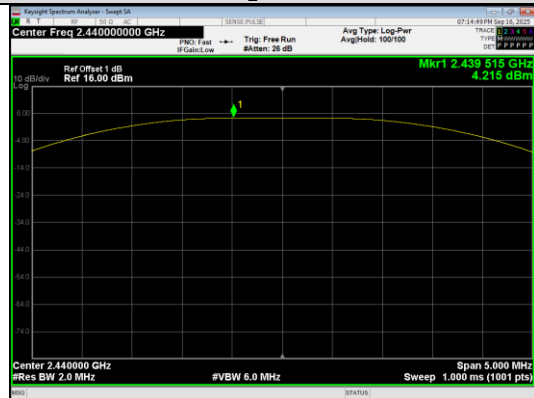
Peak Output Power
BLE 1M_Channel 19



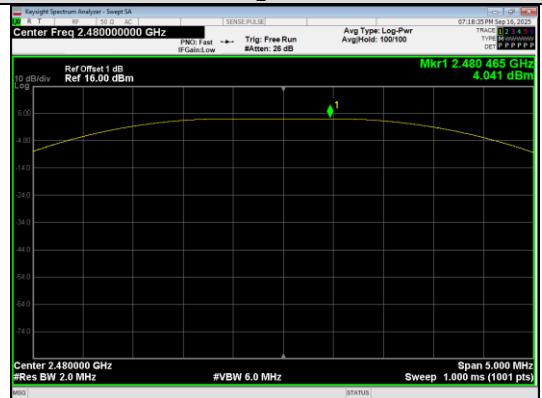
Peak Output Power
BLE 1M_Channel 39



Peak Output Power
BLE 2M_Channel 0



Peak Output Power
BLE 2M_Channel 19



Peak Output Power
BLE 2M_Channel 39

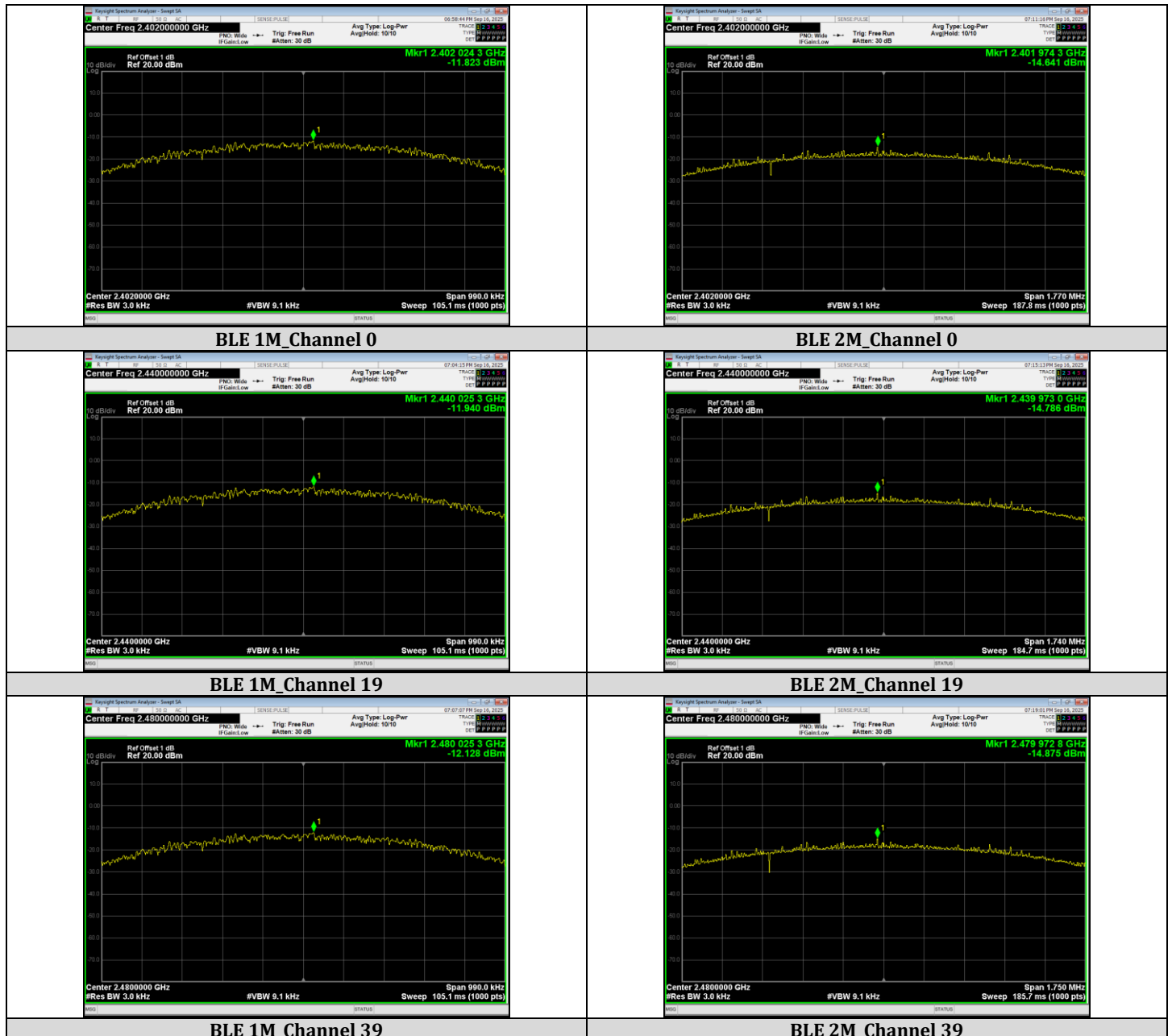


Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-11.820	≤8	PASS
BLE 1M	19	-11.940	≤8	PASS
BLE 1M	39	-12.130	≤8	PASS
BLE 2M	0	-14.640	≤8	PASS
BLE 2M	19	-14.790	≤8	PASS
BLE 2M	39	-14.880	≤8	PASS

Test Graphs

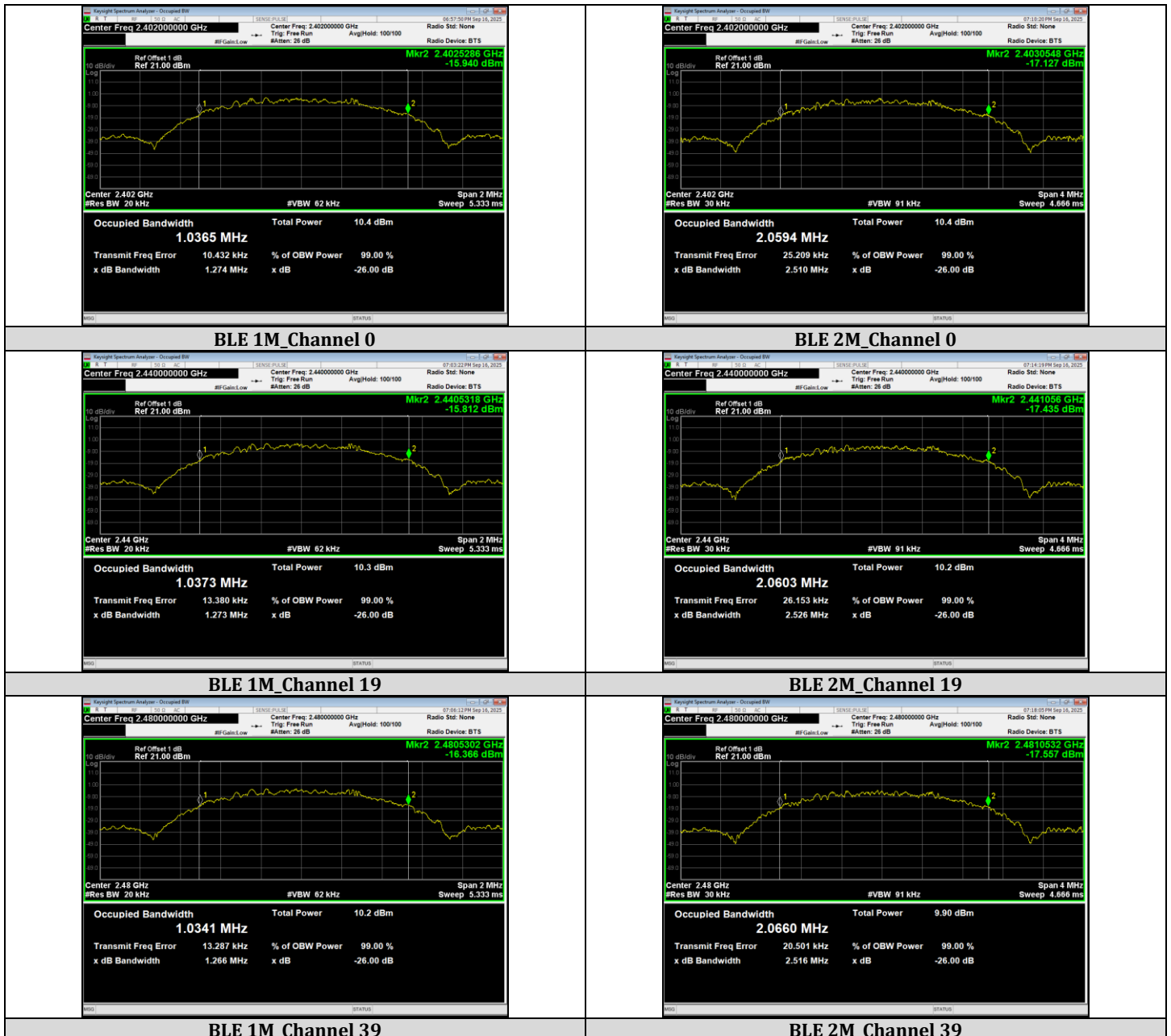


99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0365
BLE 1M	19	2440	1.0373
BLE 1M	39	2480	1.0341
BLE 2M	0	2402	2.0594
BLE 2M	19	2440	2.0603
BLE 2M	39	2480	2.0660

Test Graphs



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	0.6585		PASS
	39	2480	0.6600		PASS
BLE 2M	0	2402	1.179		PASS
	19	2440	1.162		PASS
	39	2480	1.173		PASS

Test Graphs



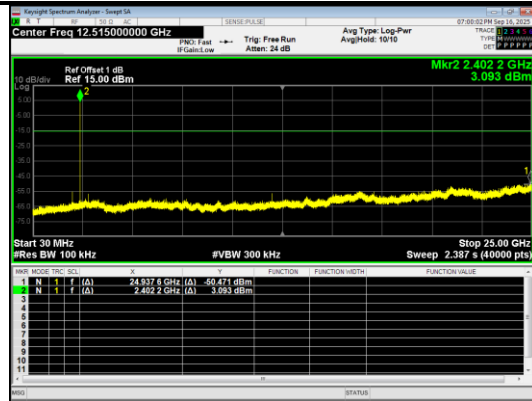
Conducted Out Of Band Emission

Test Result

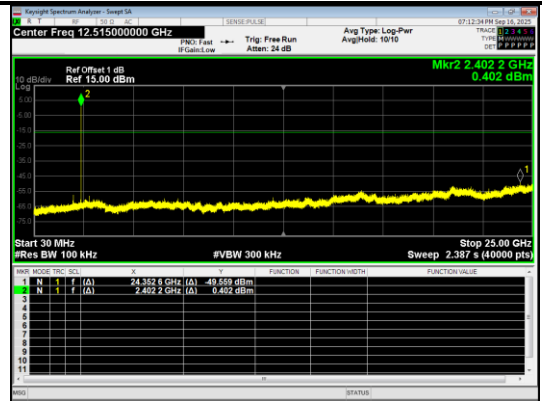
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2399.00	-54.177	-15.7	-38.477	PASS
		2400.00	-55.700	-15.7	-40.000	PASS
		24937.6	-50.471	-15.7	-34.771	PASS
	19	24990.0	-49.836	-15.87	-33.966	PASS
		2483.50	-60.690	-16.03	-44.660	PASS
		24991.9	-49.633	-16.03	-33.603	PASS
BLE 2M	0	2400.00	-28.080	-16.51	-11.570	PASS
		24352.6	-49.559	-16.51	-33.049	PASS
	19	24983.8	-49.933	-16.73	-33.203	PASS
		2483.50	-56.260	-16.89	-39.370	PASS
	39	24985.0	-49.776	-16.89	-32.886	PASS

Test Graphs





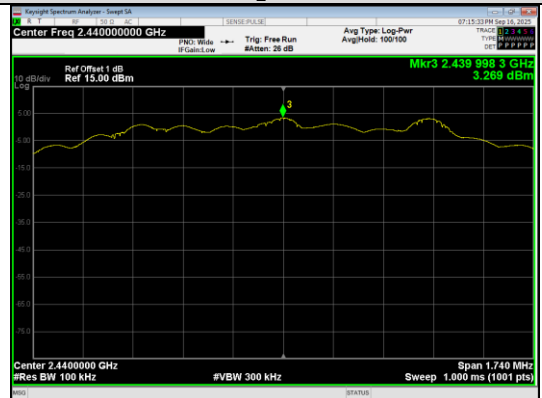
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



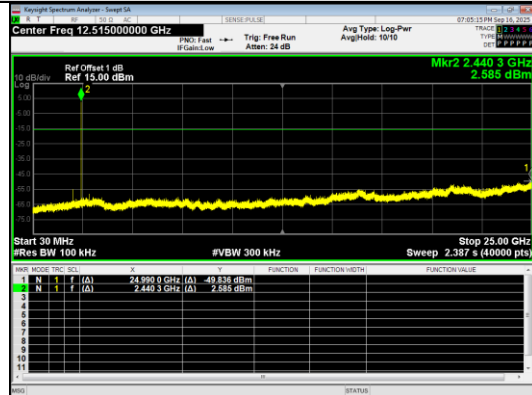
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



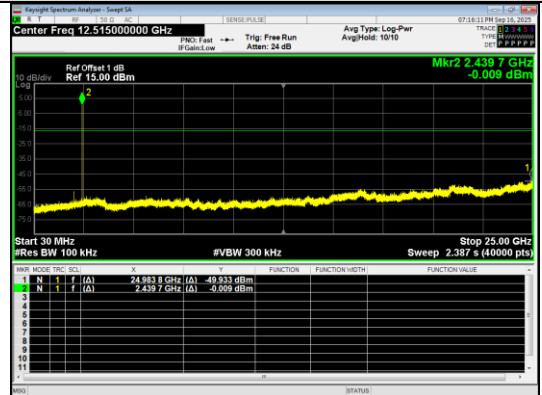
In-Band Reference Level
BLE 1M_Channel 19



In-Band Reference Level
BLE 2M_Channel 19



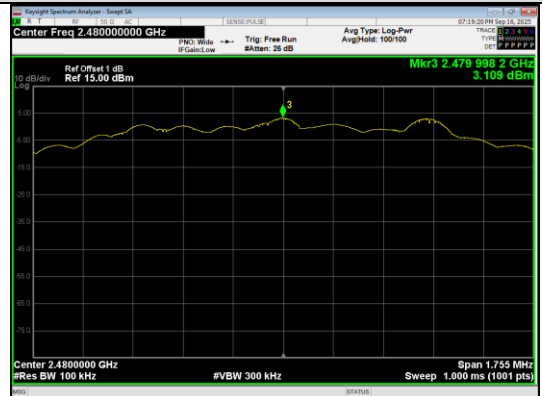
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



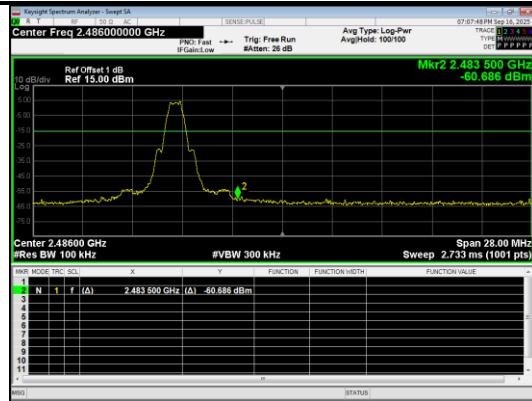
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



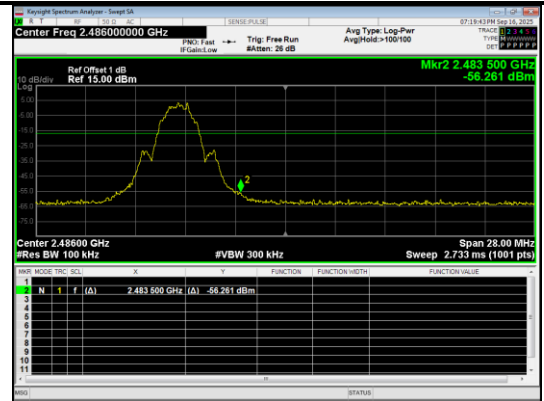
In-Band Reference Level
BLE 1M_Channel 39



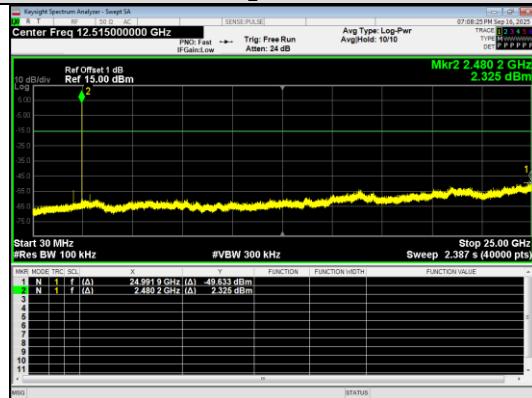
In-Band Reference Level
BLE 2M_Channel 39



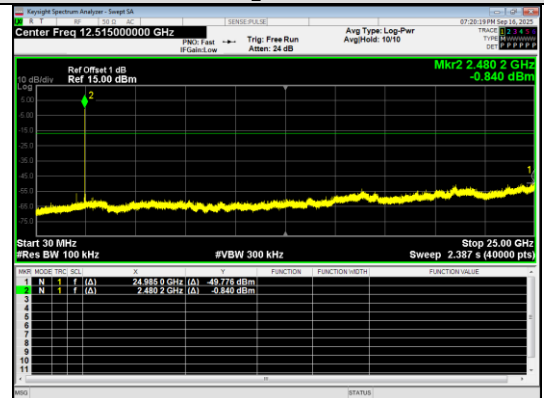
Out Of Band Emission
BLE 1M_Channel 39



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

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