

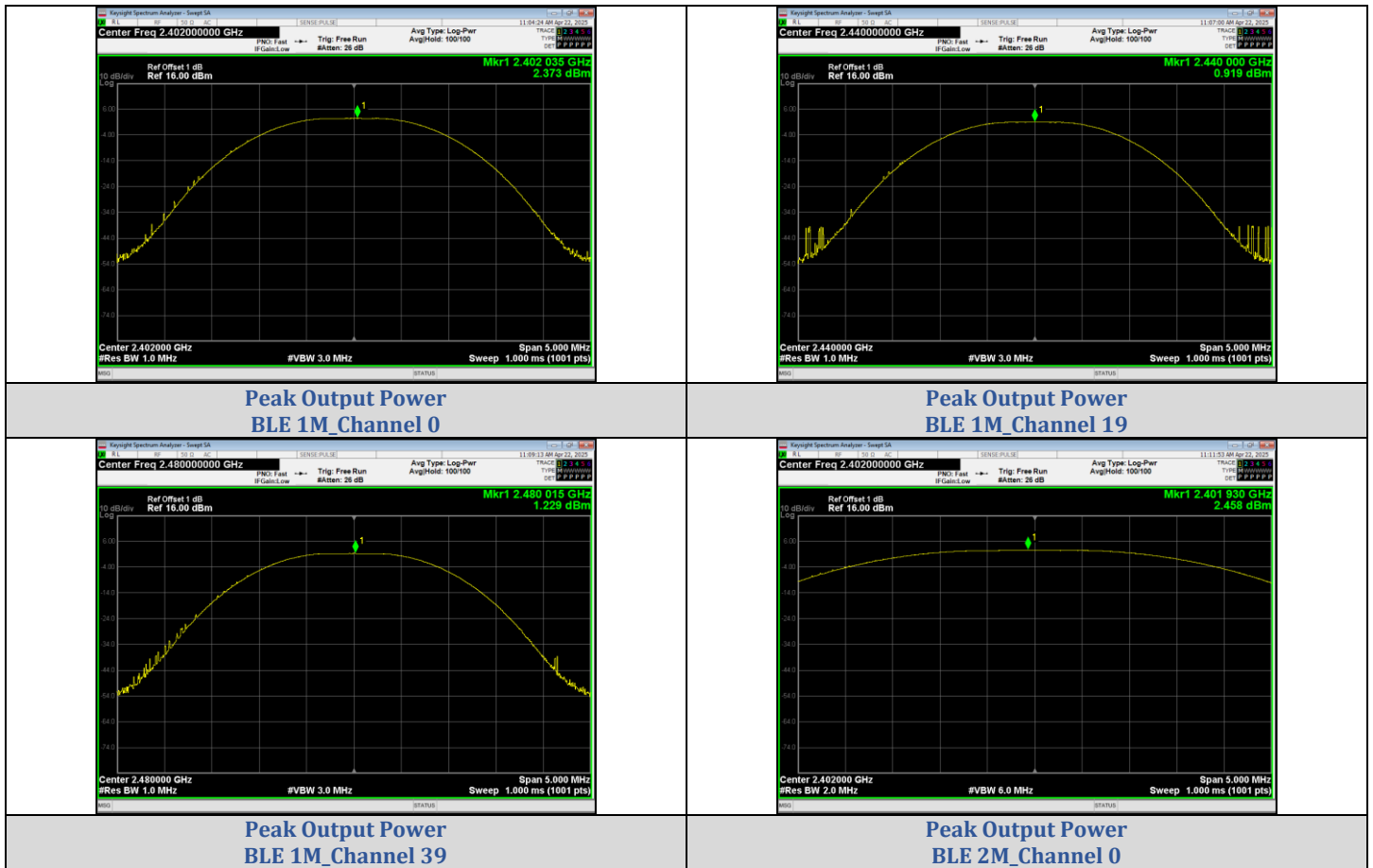


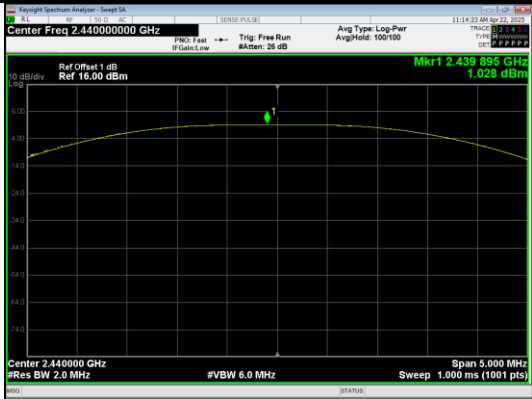
Conducted Output Power

Test Result

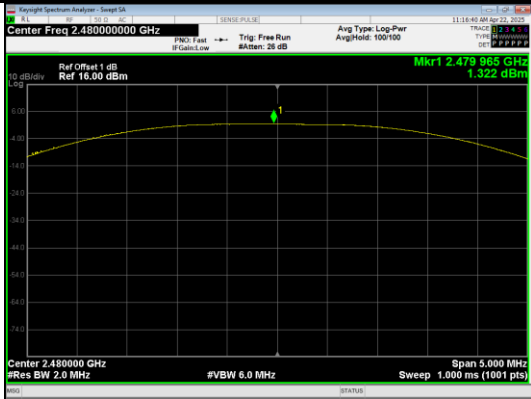
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
BLE 1M	0	2.37	1.73	≤30	PASS
	19	0.92	1.24	≤30	PASS
	39	1.23	1.33	≤30	PASS
BLE 2M	0	2.46	1.76	≤30	PASS
	19	1.03	1.27	≤30	PASS
	39	1.32	1.36	≤30	PASS

Test Graphs





Peak Output Power
BLE 2M_Channel 19



Peak Output Power
BLE 2M_Channel 39

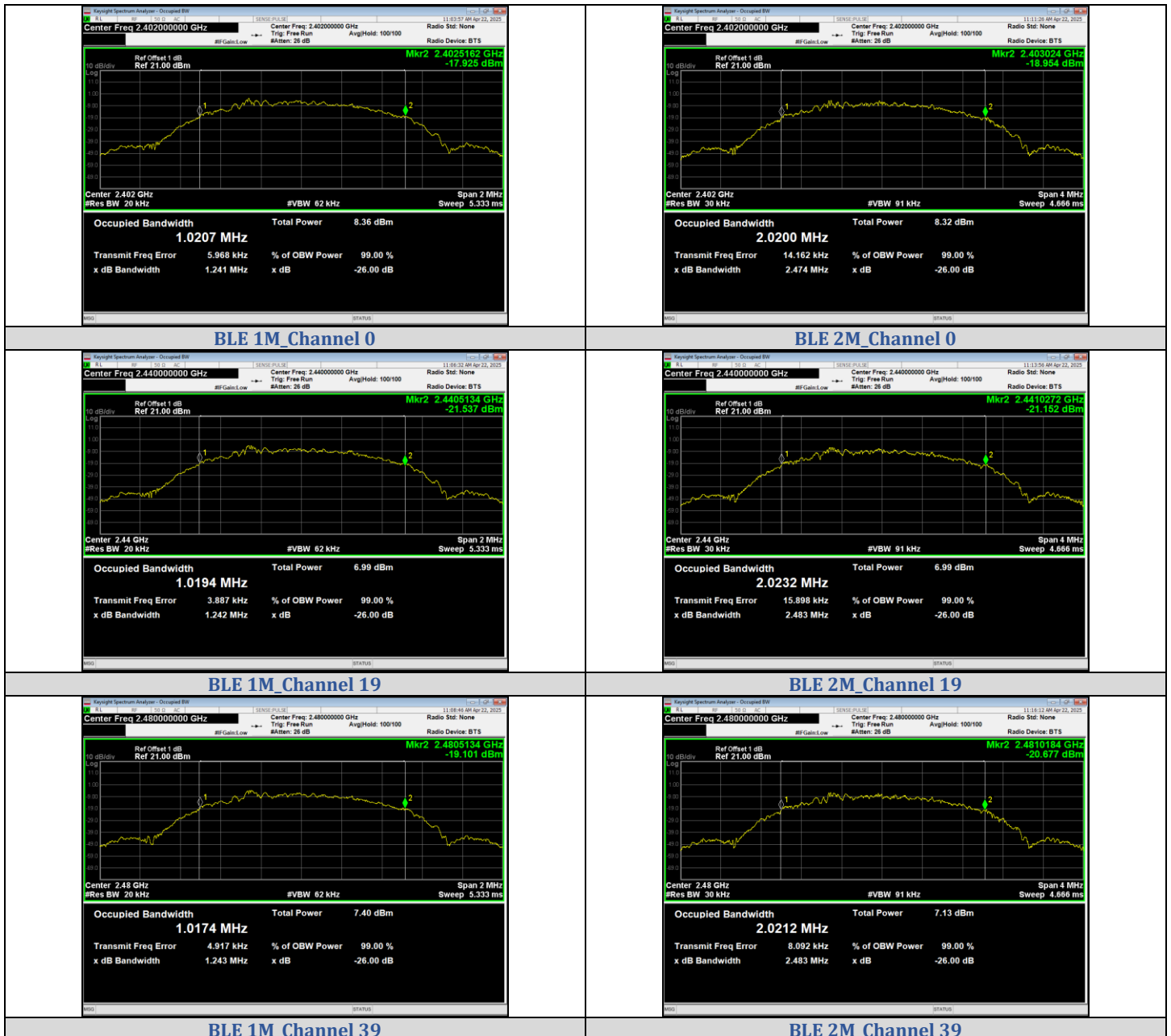


99% Bandwidth

Test Result

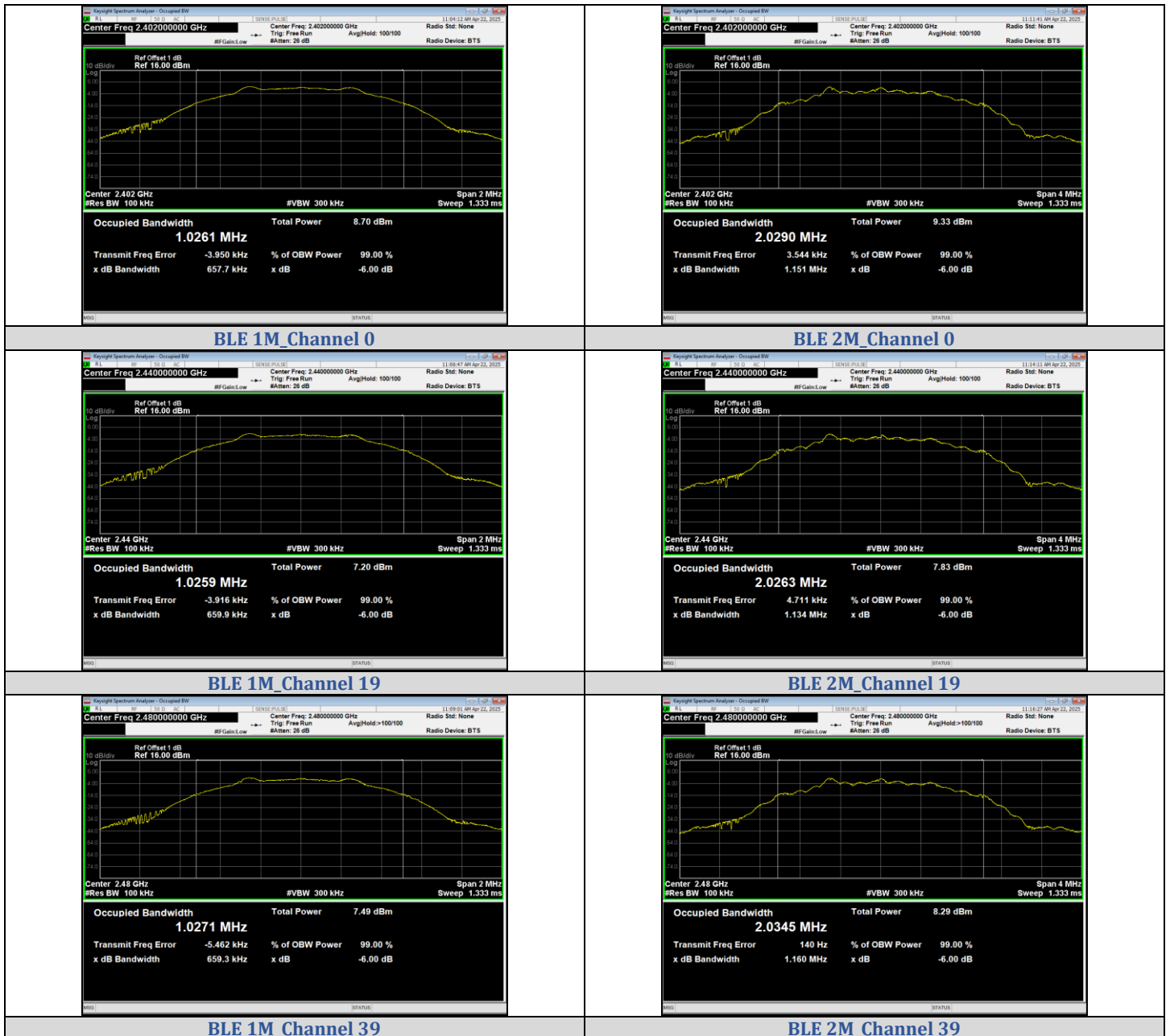
Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0207
BLE 1M	19	2440	1.0194
BLE 1M	39	2480	1.0174
BLE 2M	0	2402	2.0200
BLE 2M	19	2440	2.0232
BLE 2M	39	2480	2.0212

Test Graphs



**6dB Bandwidth****Test Result**

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6577	≥0.5	PASS
	19	2440	0.6599		PASS
	39	2480	0.6593		PASS
BLE 2M	0	2402	1.151		PASS
	19	2440	1.134		PASS
	39	2480	1.160		PASS

Test Graphs



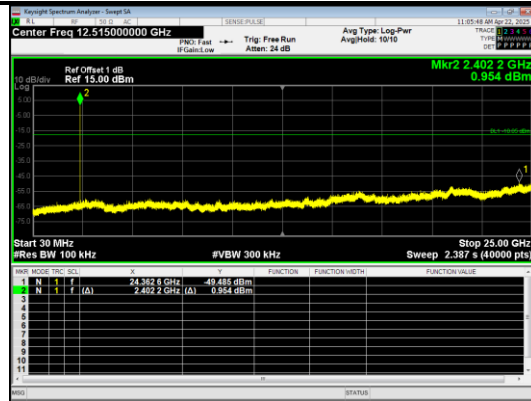
Conducted Out Of Band Emission

Test Result

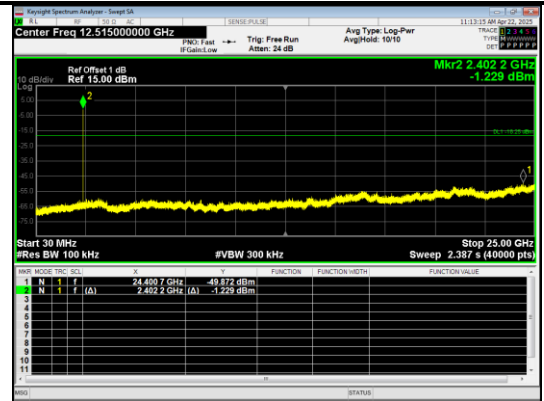
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2397.95	-60.287	-18.05	-42.237	PASS
		2400.00	-61.224	-18.05	-43.174	PASS
		24362.6	-49.485	-18.05	-31.435	PASS
	19	24352.0	-49.580	-19.41	-30.170	PASS
		2483.50	-59.632	-19.07	-40.562	PASS
		24976.3	-49.348	-19.07	-30.278	PASS
BLE 2M	0	2400.00	-44.345	-18.25	-26.095	PASS
		24400.7	-49.872	-18.25	-31.622	PASS
	19	24956.3	-49.597	-19.62	-29.977	PASS
		2483.50	-59.857	-19.24	-40.617	PASS
	39	24967.5	-48.325	-19.24	-29.085	PASS

Test Graphs





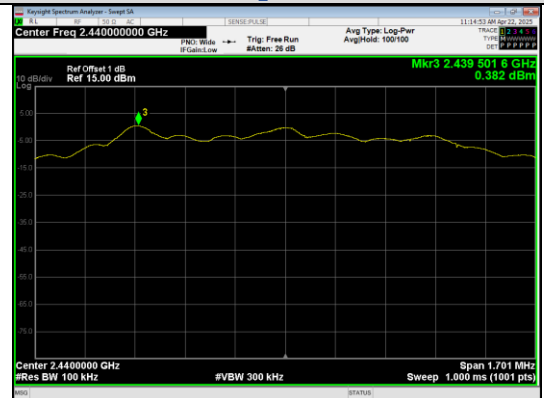
30.0 MHz - 25000.0 MHz
BLE 1M_Channel 0



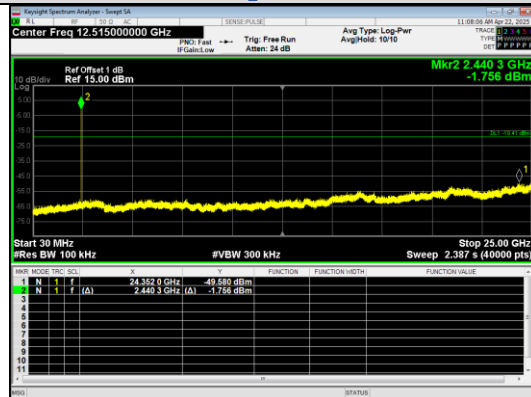
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 0



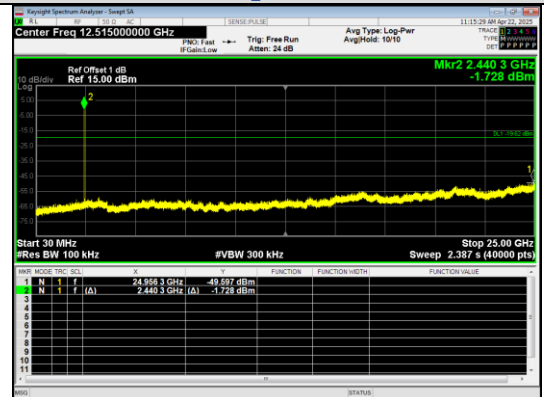
In-Band Reference Level
BLE 1M_Channel 19



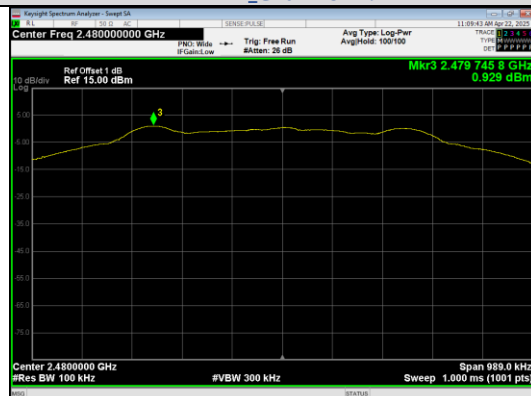
In-Band Reference Level
BLE 2M_Channel 19



30.0 MHz - 25000.0 MHz
BLE 1M_Channel 19



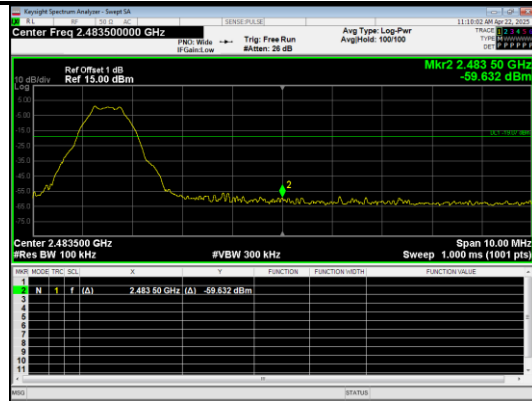
30.0 MHz - 25000.0 MHz
BLE 2M_Channel 19



In-Band Reference Level
BLE 1M_Channel 39



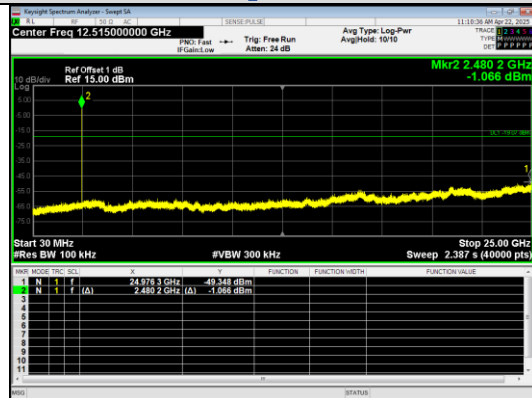
In-Band Reference Level
BLE 2M_Channel 39



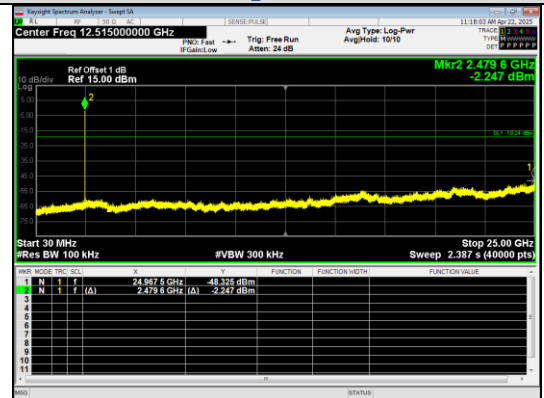
Out Of Band Emission
BLE 1M_Channel 39



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



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	1.637	1.874	87.36	0.8736	0.5869	0.6109
	19	1.637	1.874	87.32	0.8732	0.5889	0.6109
	39	1.638	1.874	87.37	0.8737	0.5864	0.6105
BLE 2M	0	0.823	1.250	65.91	0.6591	1.8105	1.2151
	19	0.824	1.250	65.88	0.6588	1.8125	1.2136
	39	0.823	1.249	65.92	0.6592	1.8098	1.2151

Test Graphs





Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-13.891	≤8	PASS
BLE 1M	19	-15.452	≤8	PASS
BLE 1M	39	-15.073	≤8	PASS
BLE 2M	0	-17.521	≤8	PASS
BLE 2M	19	-18.850	≤8	PASS
BLE 2M	39	-18.808	≤8	PASS

Test Graphs

