



Duty Cycle

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK 1M	0	0.409	0.625	65.47	0.6547	1.8396	2.4450
	19	0.409	0.625	65.47	0.6547	1.8396	2.4450
	39	0.409	0.625	65.47	0.6547	1.8396	2.4450
GFSK 2M	0	0.226	0.625	36.13	0.3613	4.4213	4.4248
	19	0.226	0.625	36.11	0.3611	4.4237	4.4248
	39	0.226	0.625	36.13	0.3613	4.4213	4.4248

Test Graphs



GFSK 1M_Channel 0



GFSK 1M_Channel 19



GFSK 1M_Channel 39



GFSK 2M_Channel 0



GFSK 2M_Channel 19



GFSK 2M_Channel 39

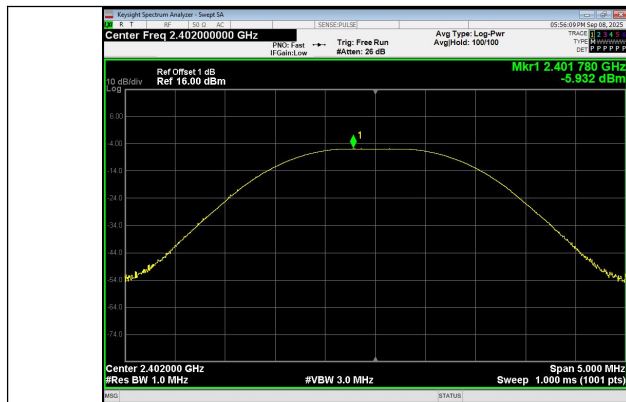


Conducted Output Power

Test Result

Mode	Channel	Peak Output Power (dBm)	Limit (dBm)	Result
GFSK 1M	0	-5.93	≤30	PASS
	19	-4.69	≤30	PASS
	39	-5.91	≤30	PASS
GFSK 2M	0	-4.68	≤30	PASS
	19	-4.70	≤30	PASS
	39	-6.12	≤30	PASS

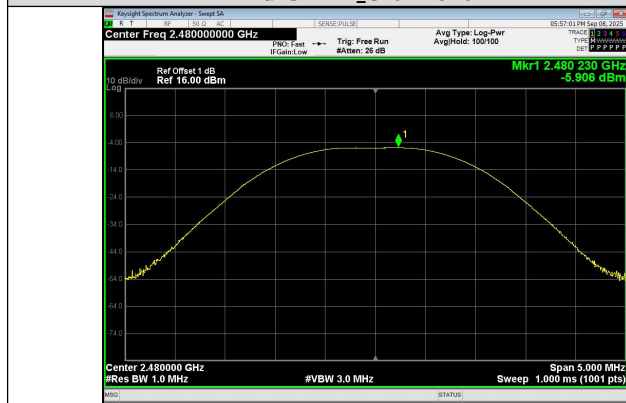
Test Graphs



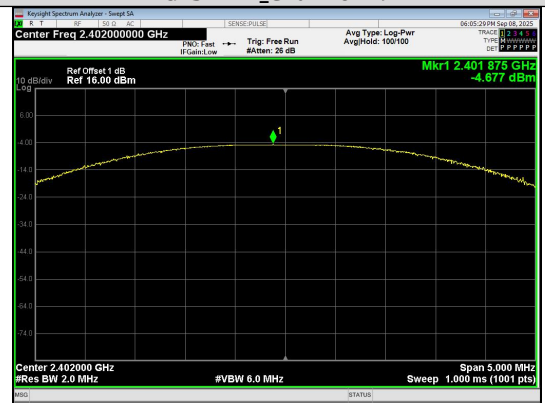
Peak Output Power
GFSK 1M_Channel 0



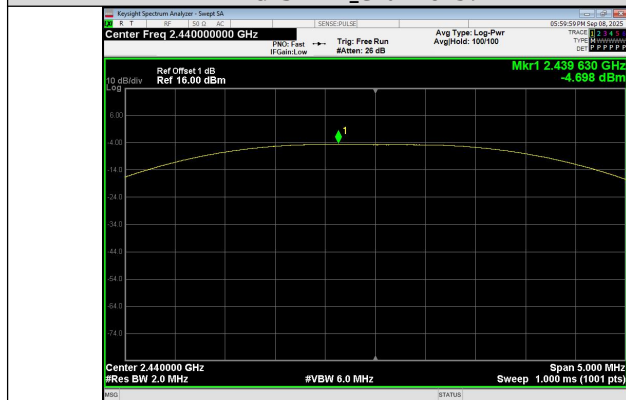
Peak Output Power
GFSK 1M_Channel 19



Peak Output Power
GFSK 1M_Channel 39



Peak Output Power
GFSK 2M_Channel 0



Peak Output Power
GFSK 2M_Channel 19



Peak Output Power
GFSK 2M_Channel 39

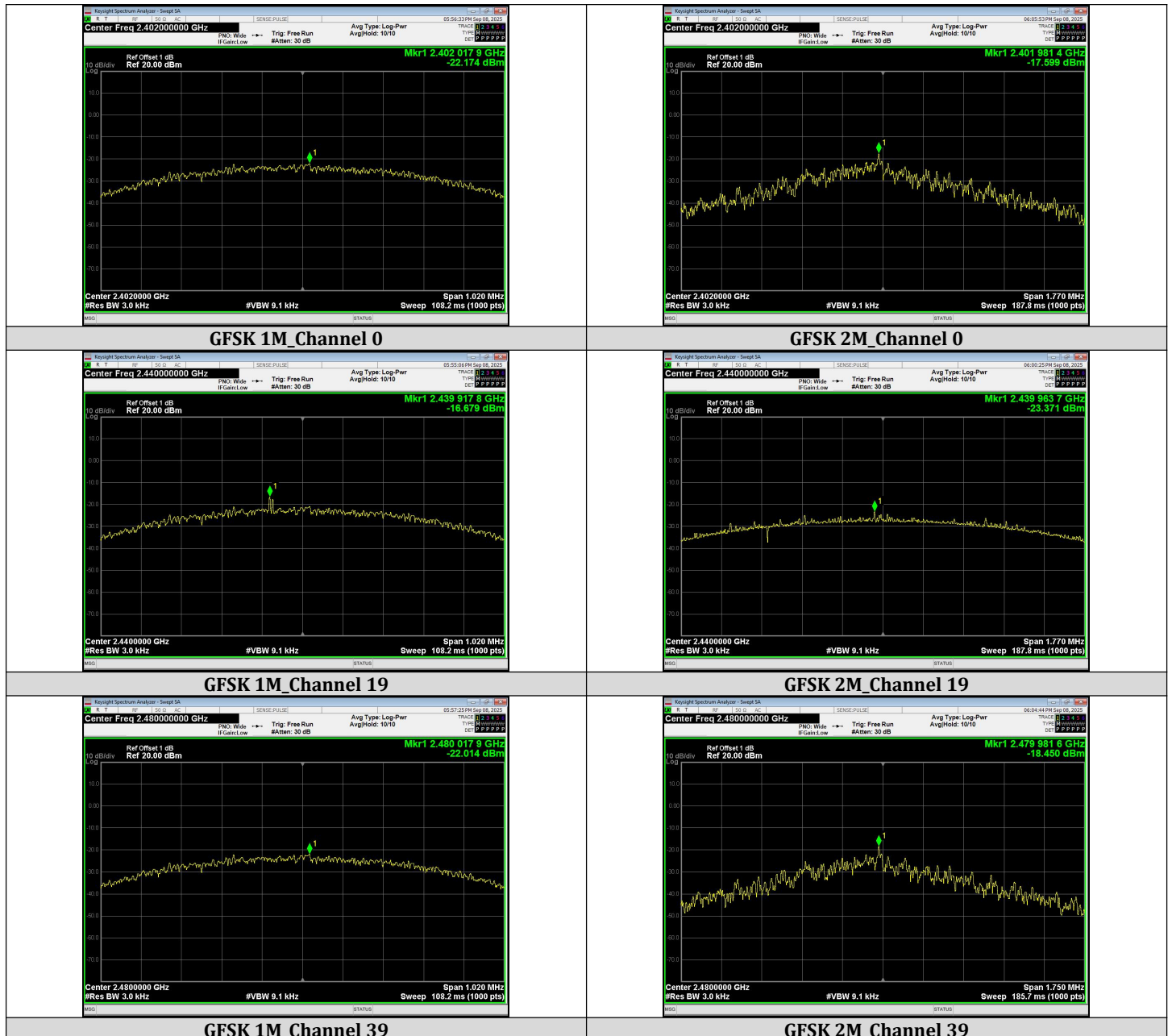


Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK 1M	0	-22.170	≤ 8	PASS
GFSK 1M	19	-16.680	≤ 8	PASS
GFSK 1M	39	-22.010	≤ 8	PASS
GFSK 2M	0	-17.600	≤ 8	PASS
GFSK 2M	19	-23.370	≤ 8	PASS
GFSK 2M	39	-18.450	≤ 8	PASS

Test Graphs



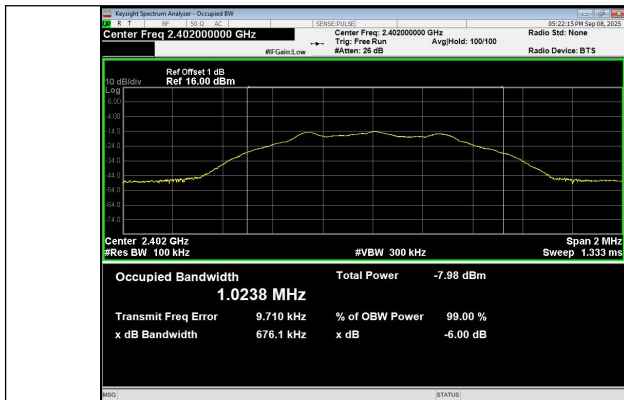
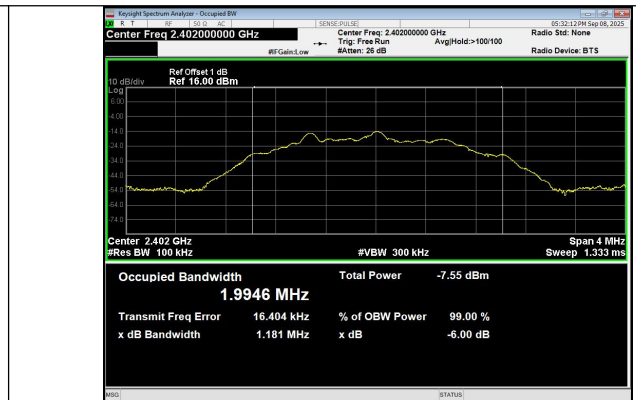
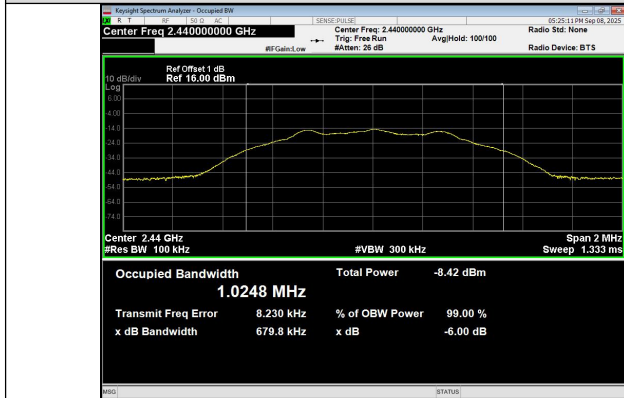
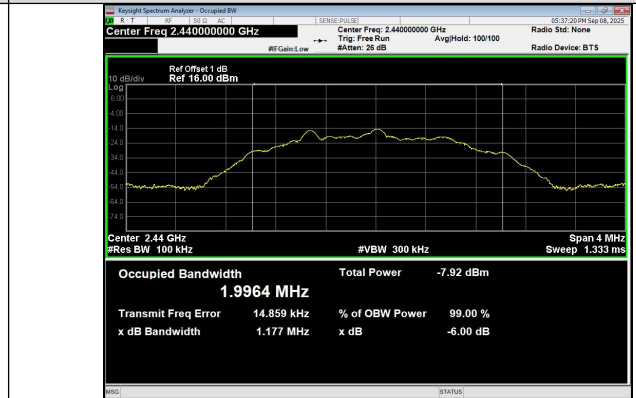
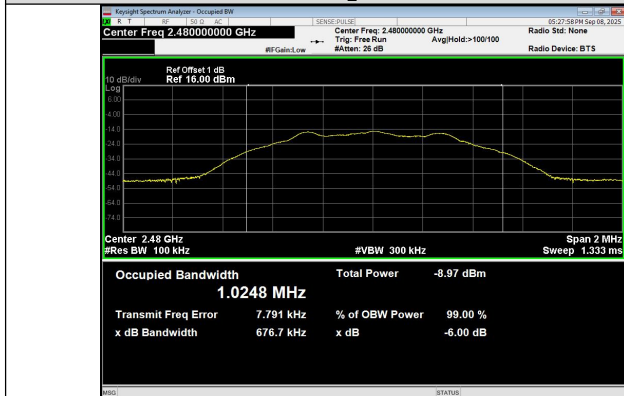
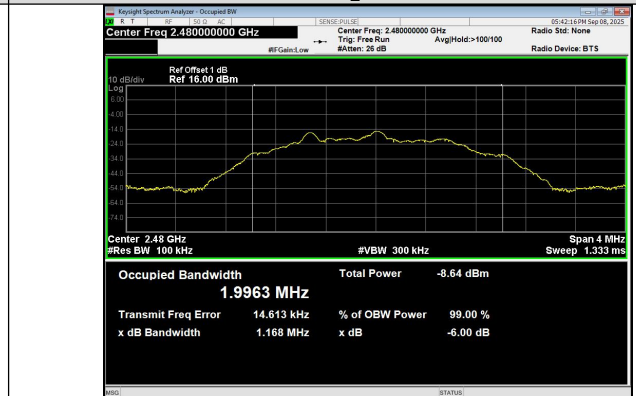
**99% Bandwidth****Test Result**

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK 1M	0	2402	1.0171
GFSK 1M	19	2440	1.0178
GFSK 1M	39	2480	1.0186
GFSK 2M	0	2402	1.9737
GFSK 2M	19	2440	1.9774
GFSK 2M	39	2480	1.9751

Test Graphs

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

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
GFSK 1M	0	2402	0.6800	≥0.5	PASS
	19	2440	0.6800		PASS
	39	2480	0.6800		PASS
GFSK 2M	0	2402	1.180		PASS
	19	2440	1.180		PASS
	39	2480	1.170		PASS

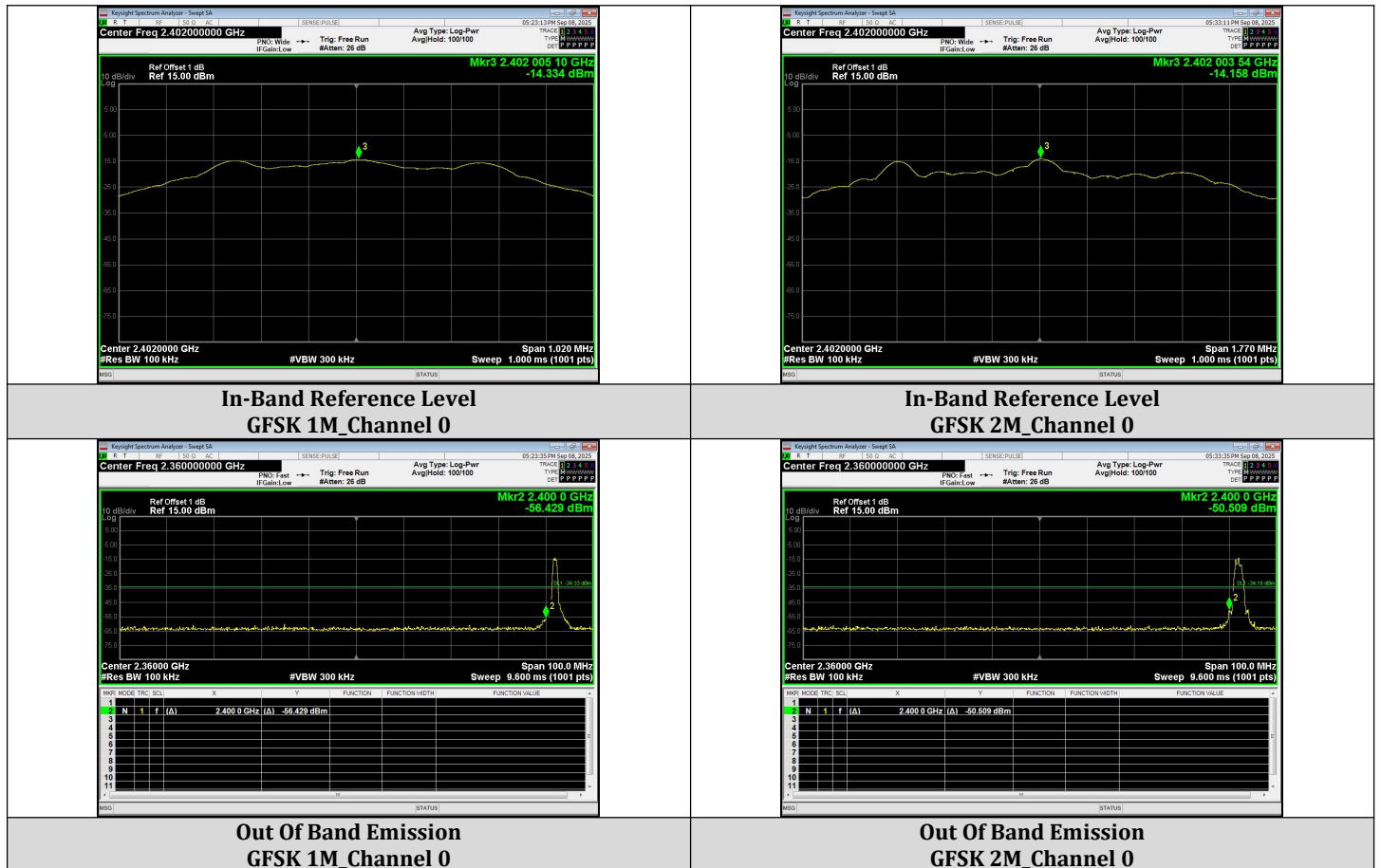
Test Graphs**GFSK 1M_Channel 0****GFSK 2M_Channel 0****GFSK 1M_Channel 19****GFSK 2M_Channel 19****GFSK 1M_Channel 39****GFSK 2M_Channel 39**

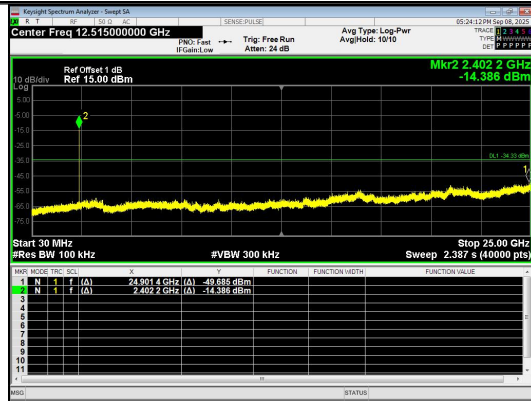
Conducted Out Of Band Emission

Test Result

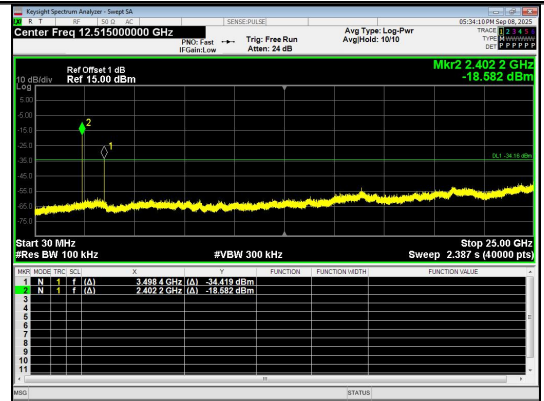
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK 1M	0	2400.00	-56.430	-34.33	-22.100	PASS
		24901.4	-49.685	-34.33	-15.355	PASS
	19	24452.5	-50.048	-34.63	-15.418	PASS
		2483.50	-62.830	-35.23	-27.600	PASS
		24390.7	-49.576	-35.23	-14.346	PASS
GFSK 2M	0	2400.00	-50.510	-34.16	-16.350	PASS
		3498.42	-34.419	-34.16	-0.259	PASS
	19	2632.56	-45.436	-34.69	-10.746	PASS
		1764.21	-37.112	-35.26	-1.852	PASS
		2483.50	-62.880	-35.26	-27.620	PASS

Test Graphs

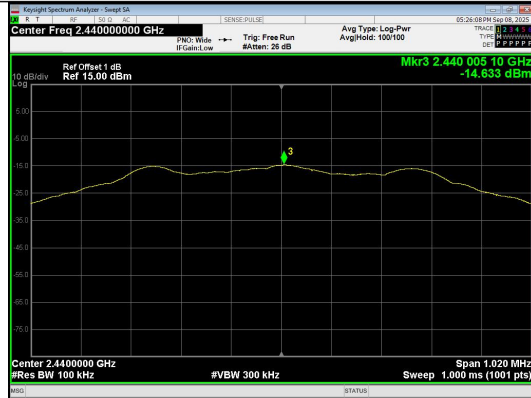




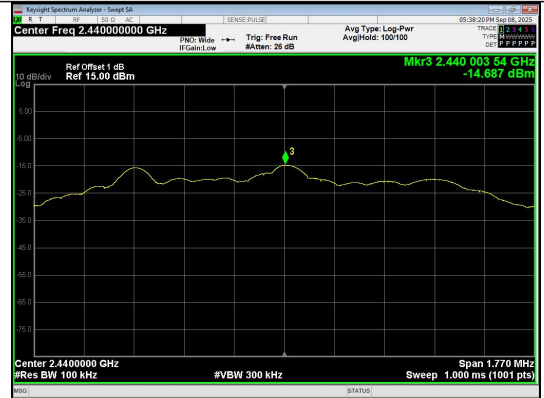
30.0 MHz - 25000.0 MHz
GFSK 1M_Channel 0



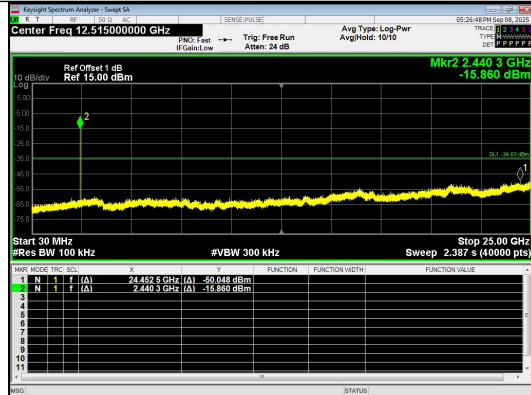
30.0 MHz - 25000.0 MHz
GFSK 2M_Channel 0



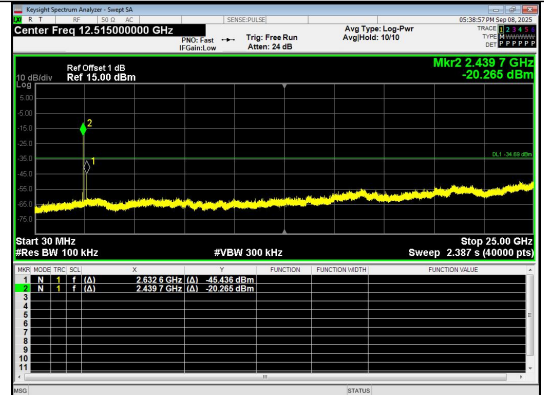
30.0 MHz - 25000.0 MHz
GFSK 1M_Channel 19



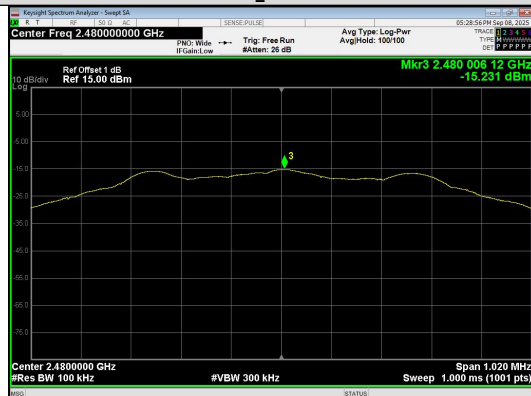
30.0 MHz - 25000.0 MHz
GFSK 2M_Channel 19



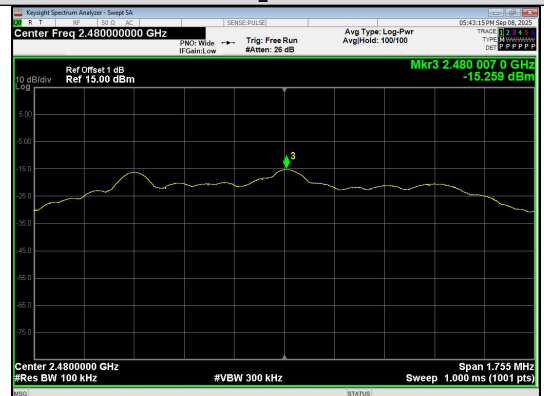
30.0 MHz - 25000.0 MHz
GFSK 1M_Channel 19



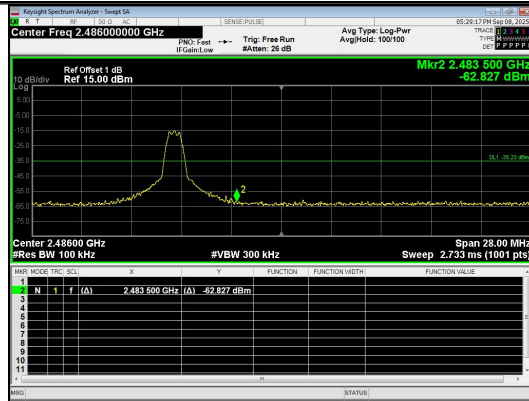
30.0 MHz - 25000.0 MHz
GFSK 2M_Channel 19



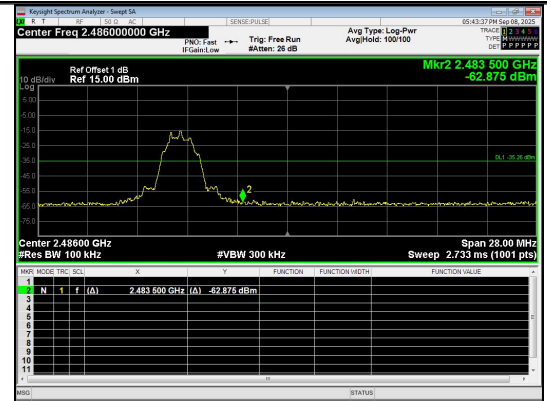
30.0 MHz - 25000.0 MHz
GFSK 1M_Channel 39



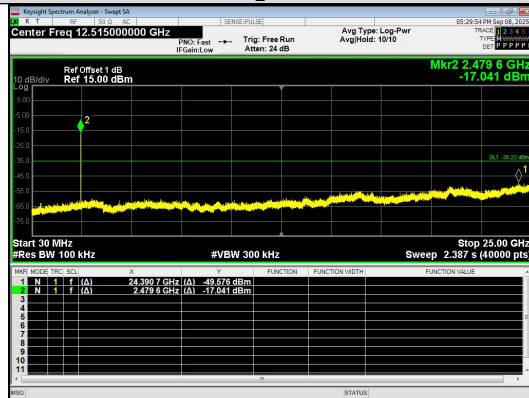
30.0 MHz - 25000.0 MHz
GFSK 2M_Channel 39



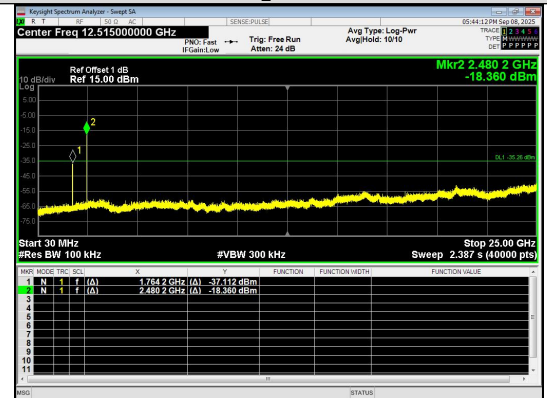
**Out Of Band Emission
GFSK 1M_Channel 39**



**Out Of Band Emission
GFSK 2M_Channel 39**



**30.0 MHz - 25000.0 MHz
GFSK 1M_Channel 39**



**30.0 MHz - 25000.0 MHz
GFSK 2M_Channel 39**

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