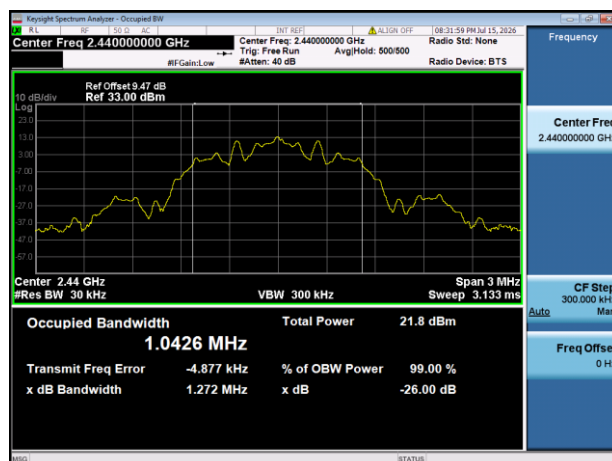


GFSK (BLE Code 2) LOW CHANNEL



GFSK (BLE Code 2) MIDDLE CHANNEL



GFSK (BLE Code 2) HIGH CHANNEL



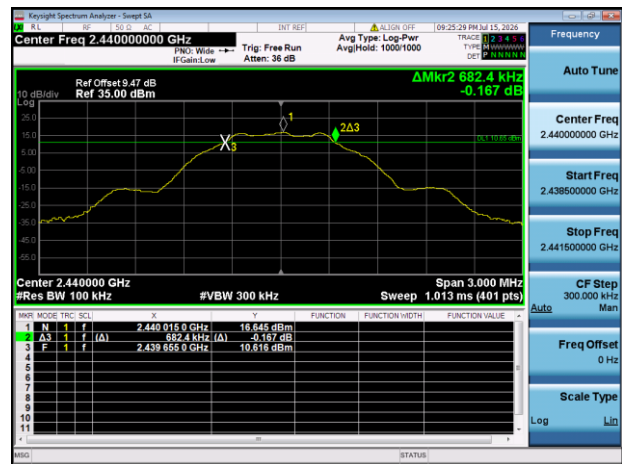
W1BG

6 dB Bandwidth

GFSK (BLE 1Mbps) LOW CHANNEL



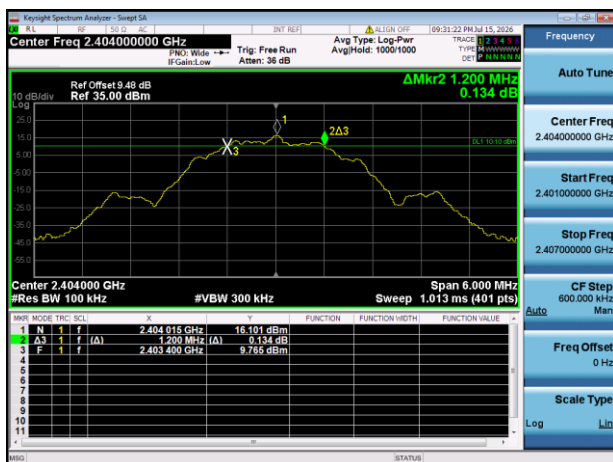
GFSK (BLE 1Mbps) MIDDLE CHANNEL



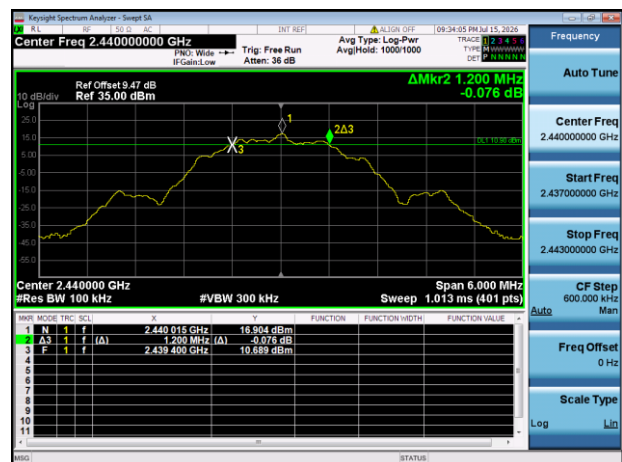
GFSK (BLE 1Mbps) HIGH CHANNEL



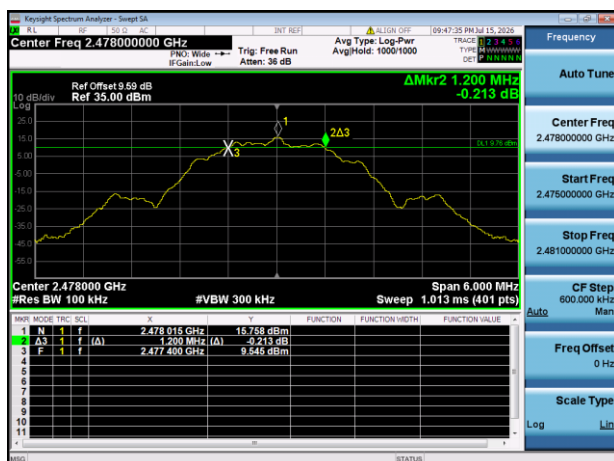
GFSK (BLE 2Mbps) LOW CHANNEL



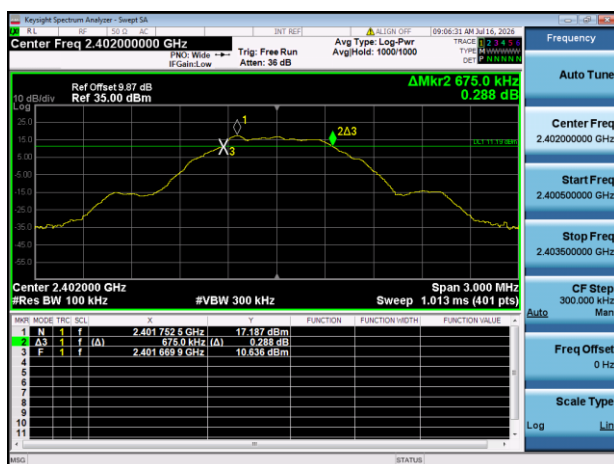
GFSK (BLE 2Mbps) MIDDLE CHANNEL



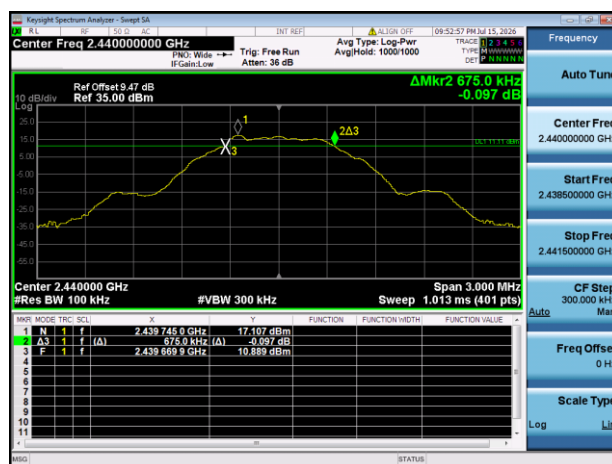
GFSK (BLE 2Mbps) HIGH CHANNEL



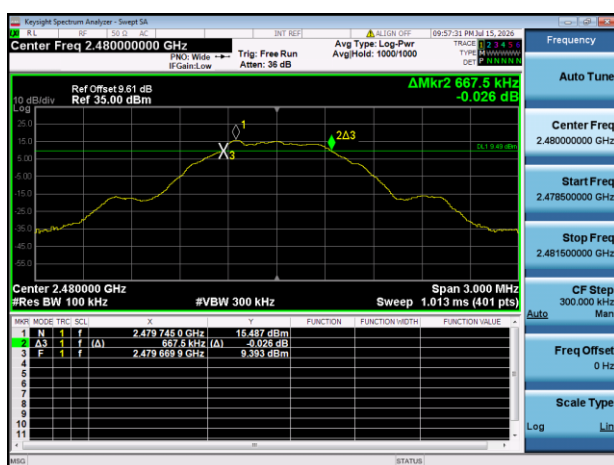
GFSK (BLE Code 8) LOW CHANNEL



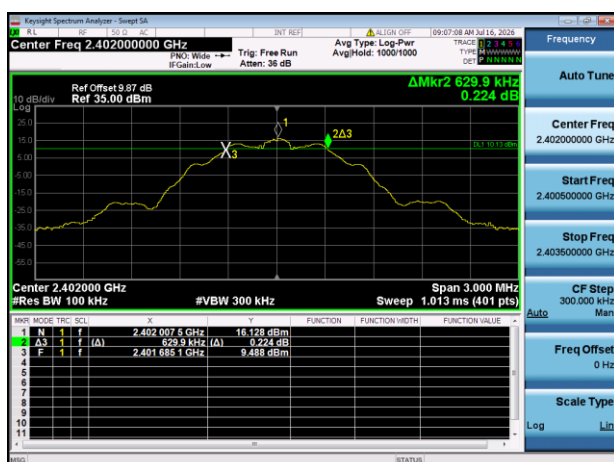
GFSK (BLE Code 8) MIDDLE CHANNEL



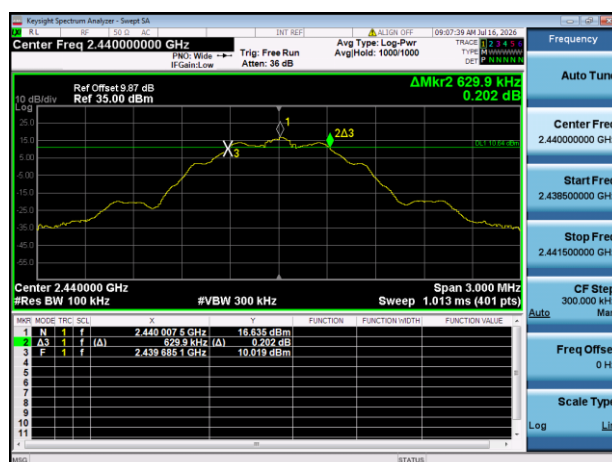
GFSK (BLE Code 8) HIGH CHANNEL



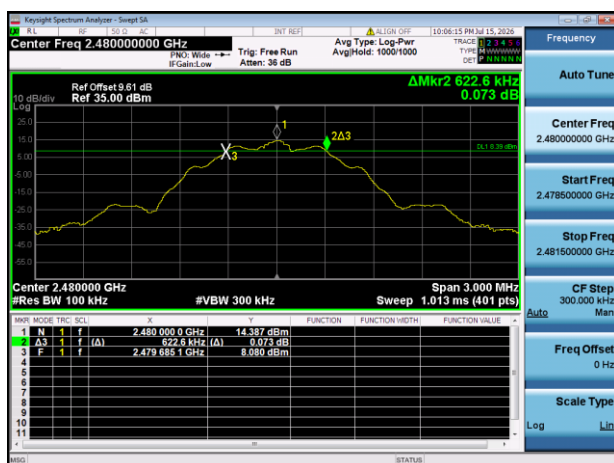
GFSK (BLE Code 2) LOW CHANNEL



GFSK (BLE Code 2) MIDDLE CHANNEL



GFSK (BLE Code 2) HIGH CHANNEL

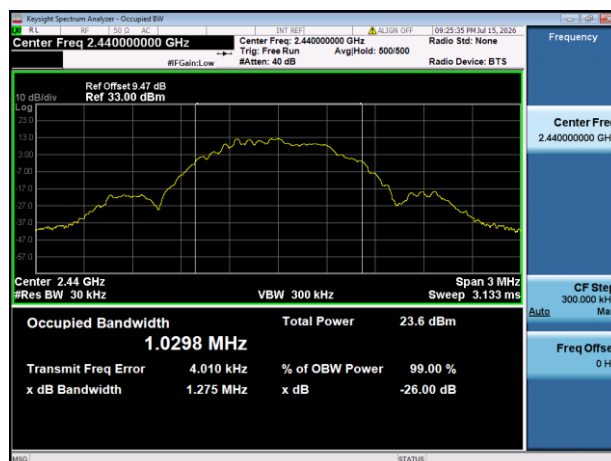


99% Bandwidth

GFSK (BLE 1Mbps) LOW CHANNEL



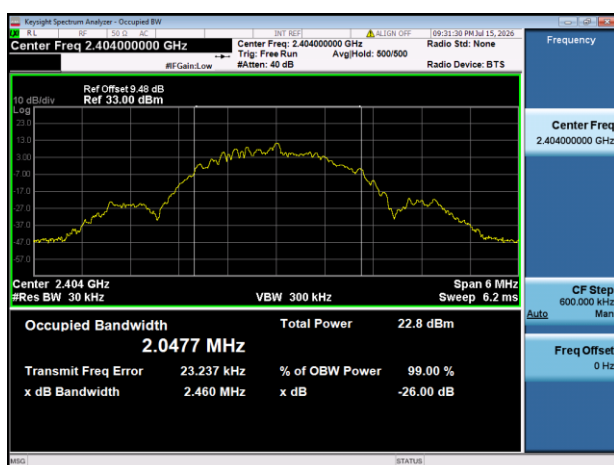
GFSK (BLE 1Mbps) MIDDLE CHANNEL



GFSK (BLE 1Mbps) HIGH CHANNEL



GFSK (BLE 2Mbps) LOW CHANNEL



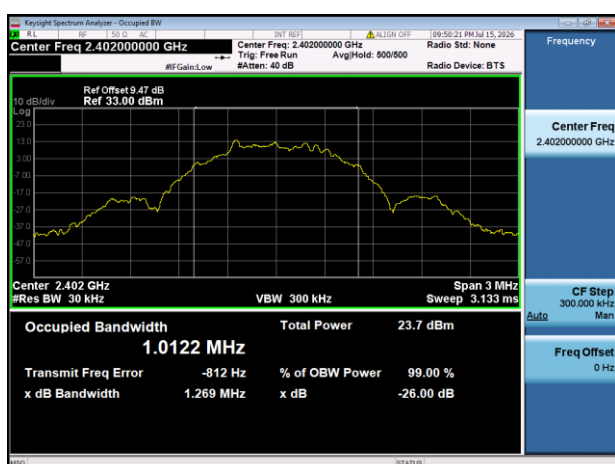
GFSK (BLE 2Mbps) MIDDLE CHANNEL



GFSK (BLE 2Mbps) HIGH CHANNEL



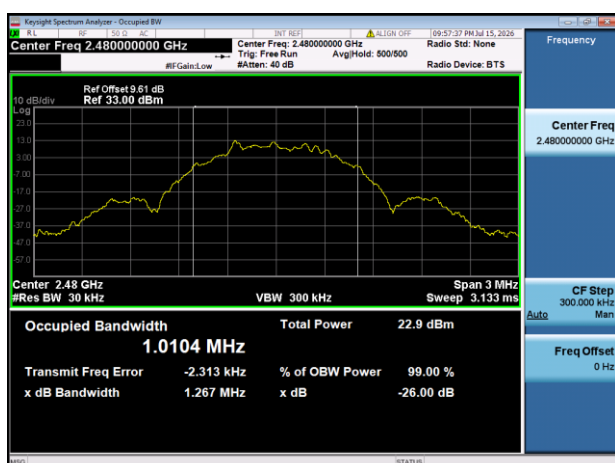
GFSK (BLE Code 8) LOW CHANNEL



GFSK (BLE Code 8) MIDDLE CHANNEL



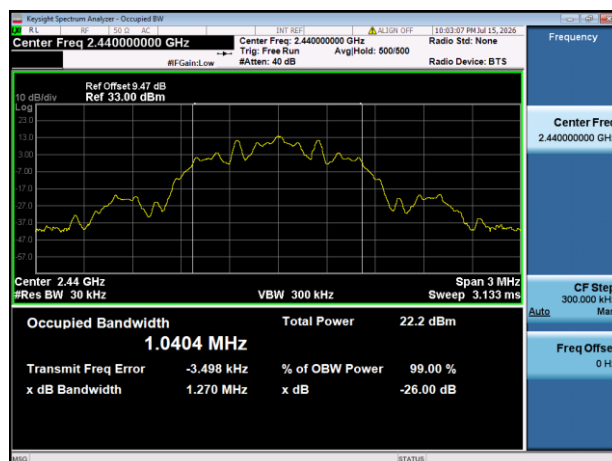
GFSK (BLE Code 8) HIGH CHANNEL



GFSK (BLE Code 2) LOW CHANNEL



GFSK (BLE Code 2) MIDDLE CHANNEL



GFSK (BLE Code 2) HIGH CHANNEL



A.3 Conducted Spurious Emissions

Test Data

W0BG

GFSK (BLE 1Mbps)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-20.16	15.56	-4.44	Pass
Middle Channel	-20.66	16.28	-3.72	Pass
High Channel	-22.51	13.86	-6.14	Pass

GFSK (BLE 2Mbps)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-21.52	15.85	-4.15	Pass
Middle Channel	-20.83	16.61	-3.39	Pass
High Channel	-21.05	14.82	-5.18	Pass

GFSK (BLE Code 8)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-20.87	16.17	-3.83	Pass
Middle Channel	-22.16	16.84	-3.17	Pass
High Channel	-21.18	14.52	-5.48	Pass

GFSK (BLE Code 2)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-20.87	15.04	-4.96	Pass
Middle Channel	-20.70	15.87	-4.13	Pass
High Channel	-21.40	13.31	-6.69	Pass

W1BG

GFSK (BLE 1Mbps)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-22.12	15.75	-4.25	Pass
Middle Channel	-21.46	16.64	-3.36	Pass
High Channel	-22.46	14.70	-5.30	Pass

GFSK (BLE 2Mbps)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-20.99	16.12	-3.88	Pass
Middle Channel	-22.00	16.88	-3.12	Pass
High Channel	-22.18	15.66	-4.34	Pass

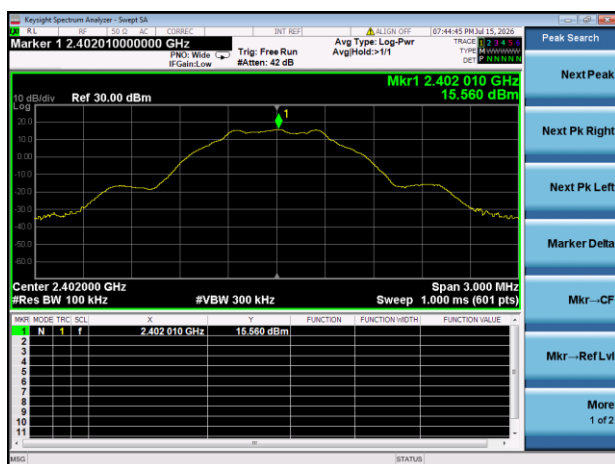
GFSK (BLE Code 8)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-21.51	16.30	-3.70	Pass
Middle Channel	-20.69	17.24	-2.76	Pass
High Channel	-21.34	15.44	-4.56	Pass

GFSK (BLE Code 2)				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-22.82	15.49	-4.51	Pass
Middle Channel	-21.78	16.28	-3.72	Pass
High Channel	-22.53	14.30	-5.71	Pass

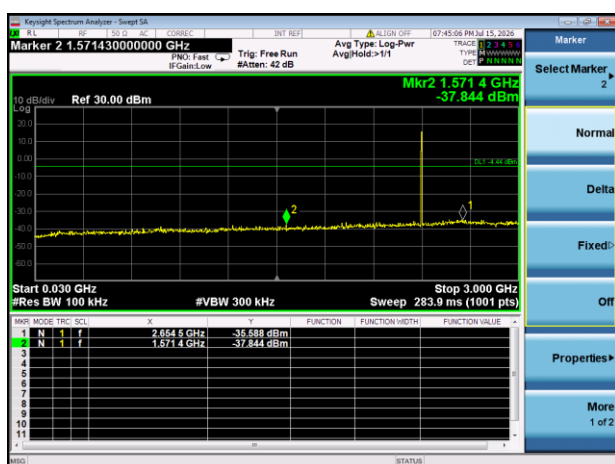
Test Plots

W0BG

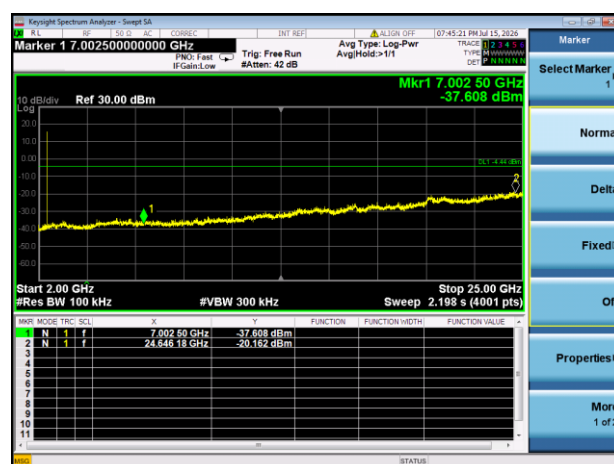
GFSK (BLE 1Mbps) LOW CHANNEL,
CARRIER LEVEL



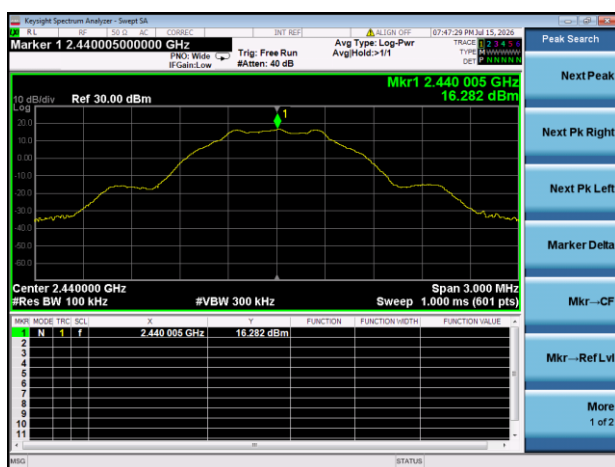
GFSK (BLE 1Mbps) LOW CHANNEL,
SPURIOUS 30 MHz ~ 3 GHz



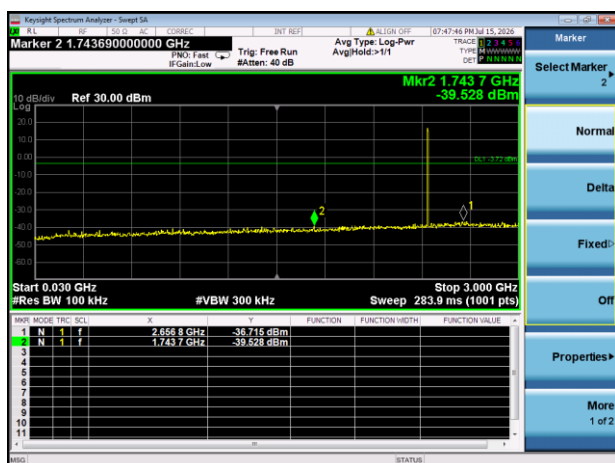
GFSK (BLE 1Mbps) LOW CHANNEL,
SPURIOUS 2 GHz ~ 25 GHz



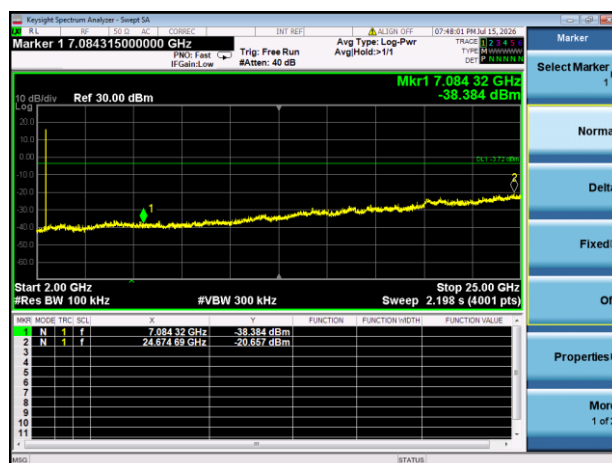
GFSK (BLE 1Mbps) MIDDLE CHANNEL, CARRIER LEVEL



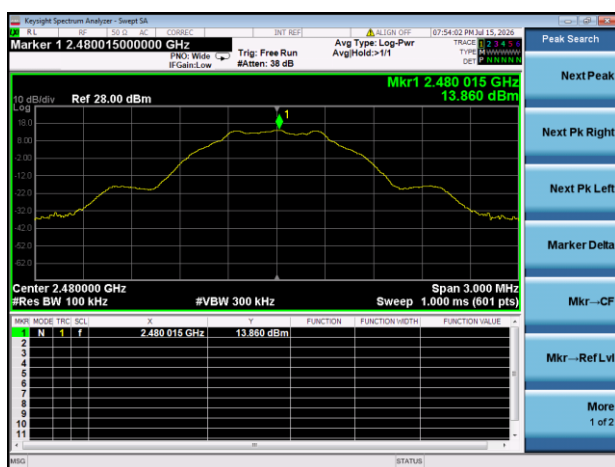
GFSK (BLE 1Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



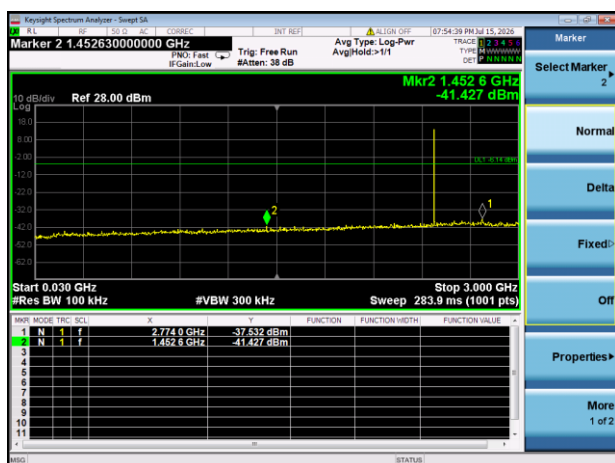
GFSK (BLE 1Mbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



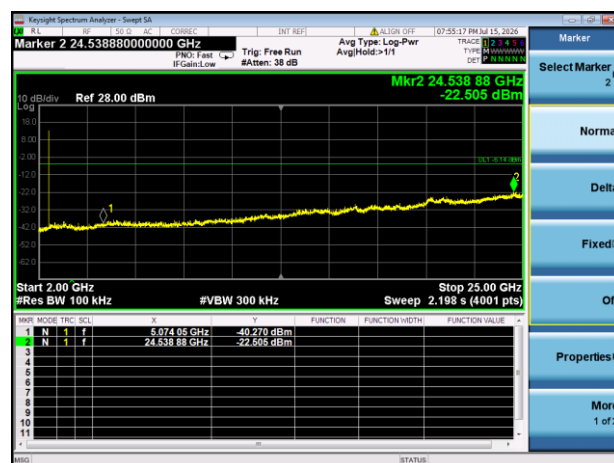
GFSK (BLE 1Mbps) HIGH CHANNEL, CARRIER LEVEL



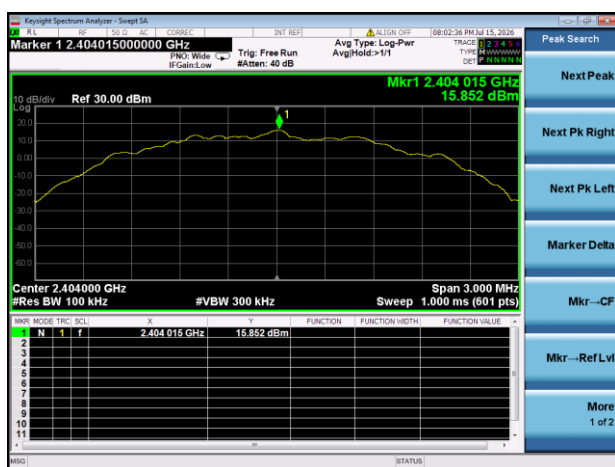
GFSK (BLE 1Mbps) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



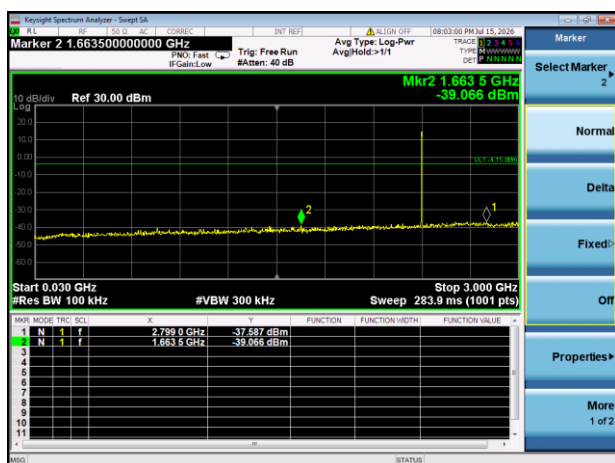
GFSK (BLE 1Mbps) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



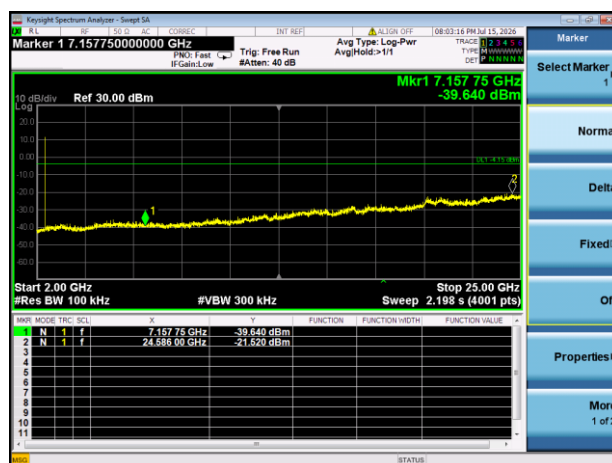
GFSK (BLE 2Mbps) LOW CHANNEL, CARRIER LEVEL



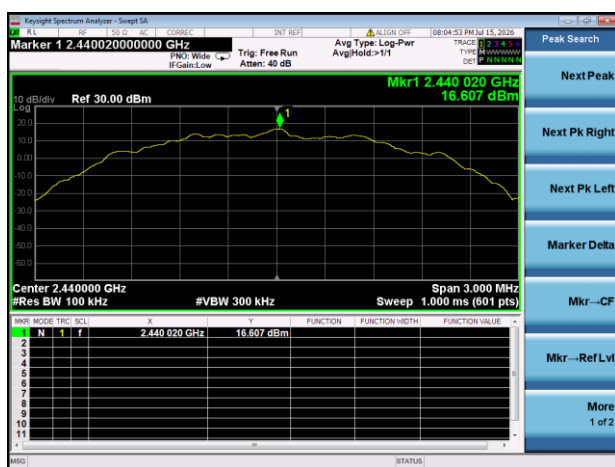
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



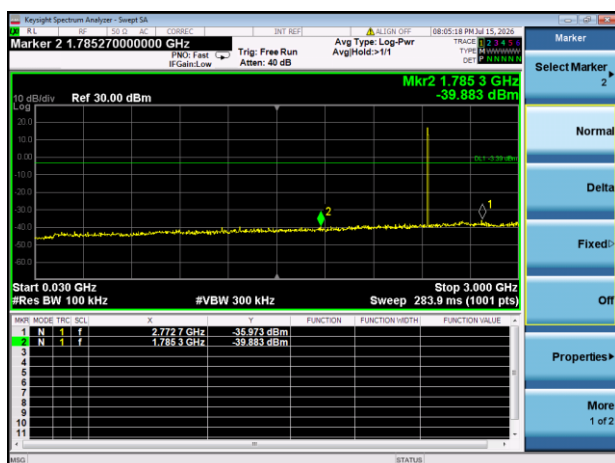
GFSK (BLE 2Mbps) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



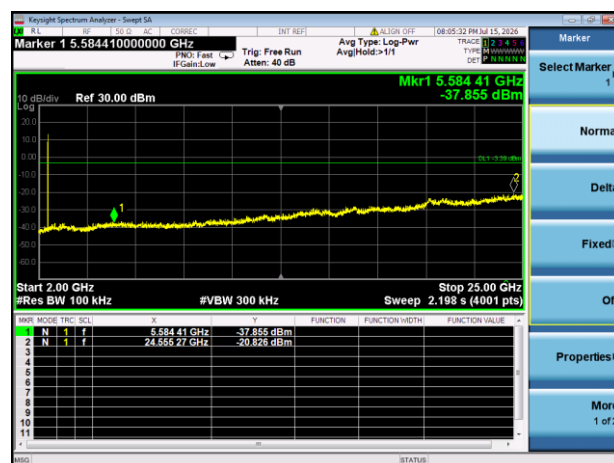
GFSK (BLE 2Mbps) MIDDLE CHANNEL, CARRIER LEVEL



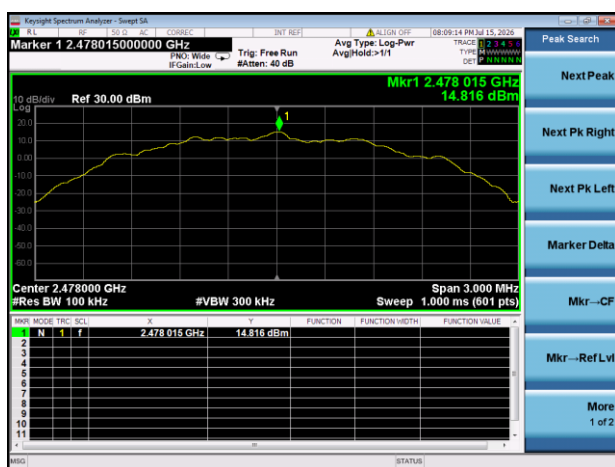
GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



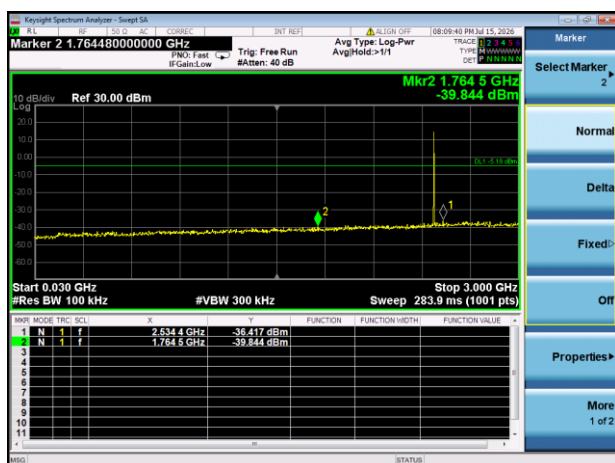
GFSK (BLE 2Mbps) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



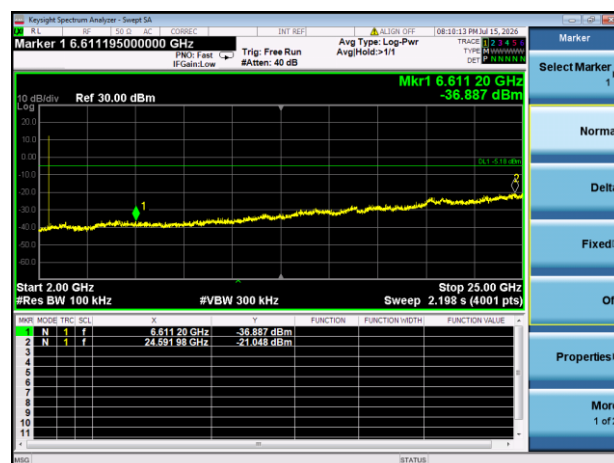
GFSK (BLE 2Mbps) HIGH CHANNEL, CARRIER LEVEL



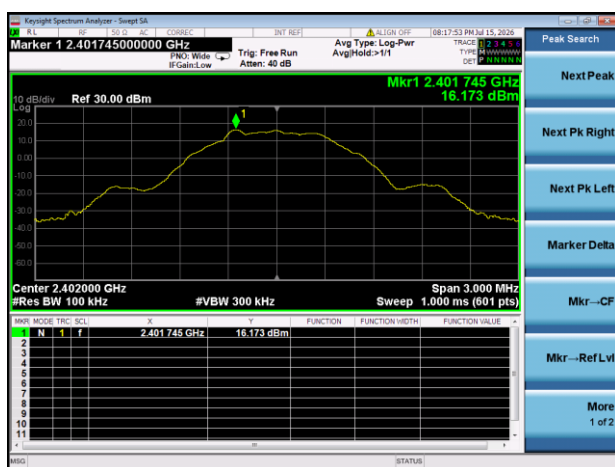
GFSK (BLE 2Mbps) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



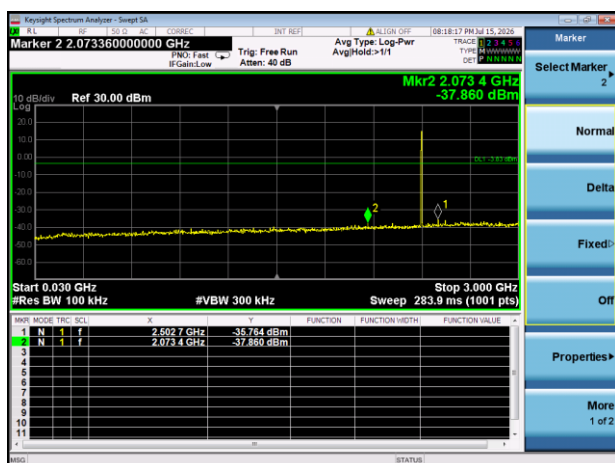
GFSK (BLE 2Mbps) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



GFSK (BLE Code 8) LOW CHANNEL, CARRIER LEVEL



GFSK (BLE Code 8) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK (BLE Code 8) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

