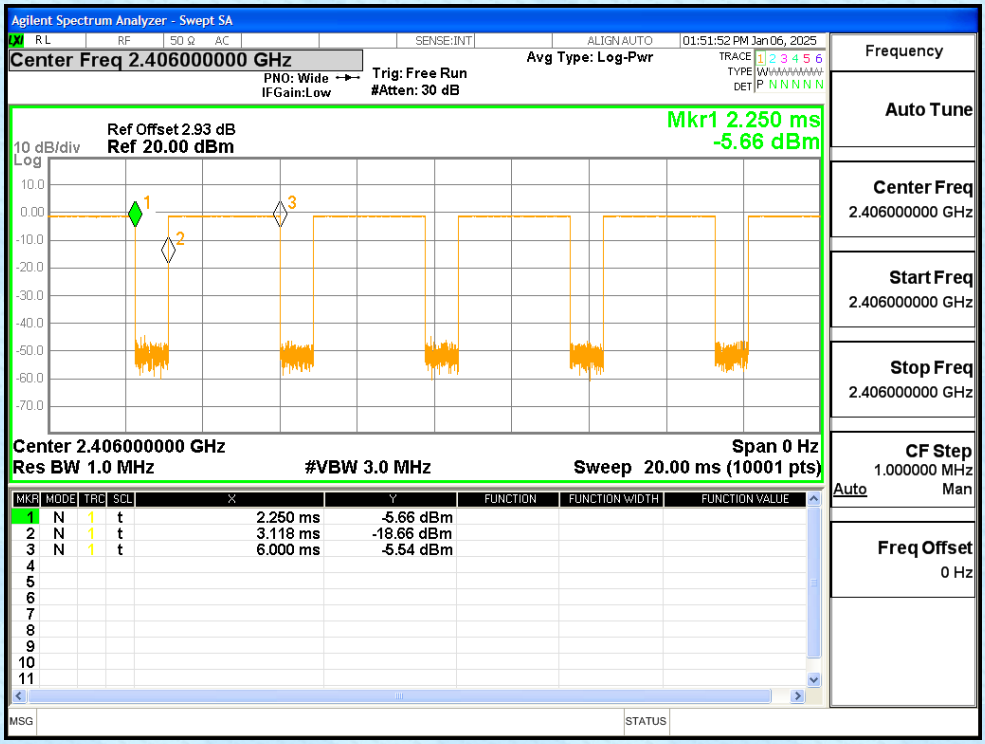
Duty Cycle

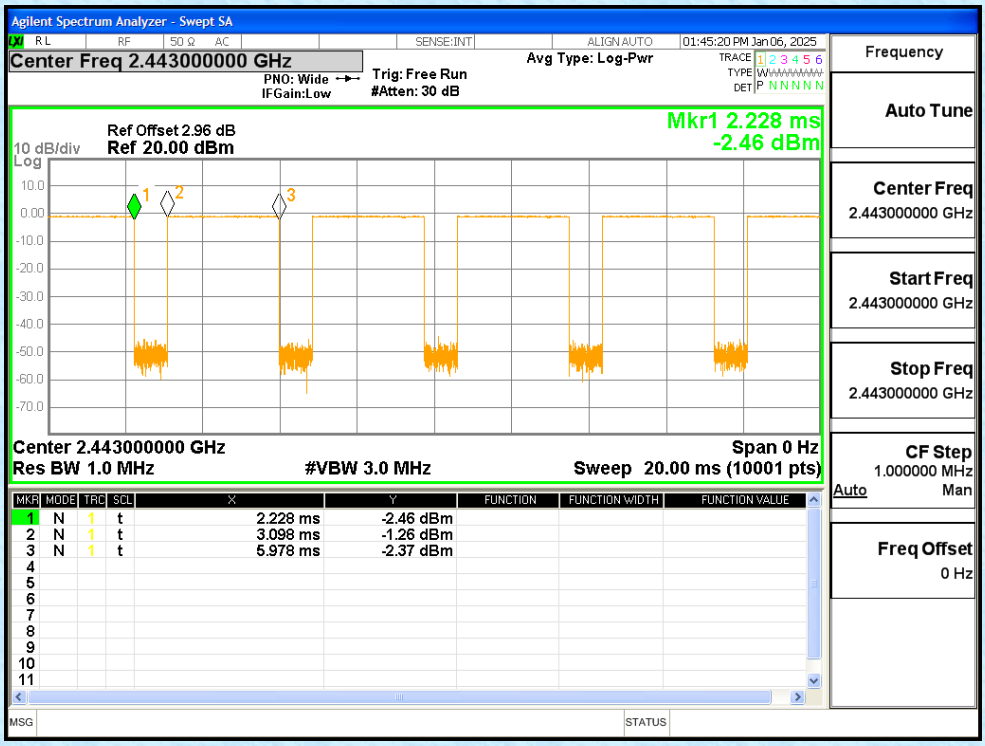
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	GFSK	2406	Ant1	76.85	1.14	0.35
		2443		76.8	1.15	0.35
		2480		76.8	1.15	0.35

Test Graphs

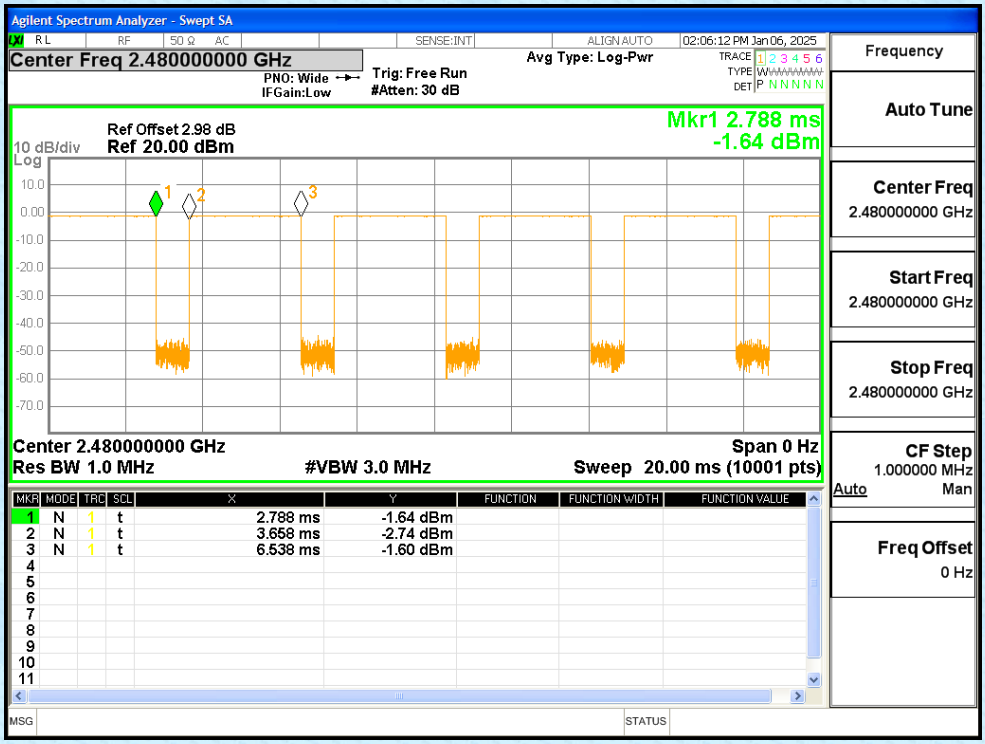
Duty Cycle NVNT GFSK 2406MHz Ant1



Duty Cycle NVNT GFSK 2443MHz Ant1



Duty Cycle NVNT GFSK 2480MHz Ant1

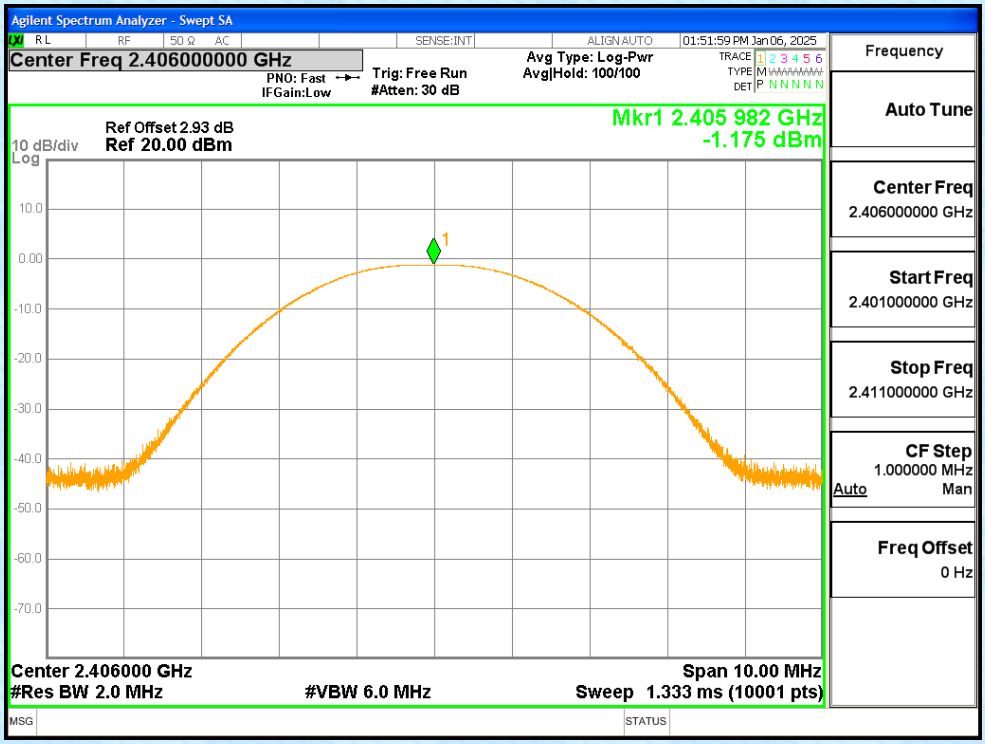


Maximum Conducted Output Power

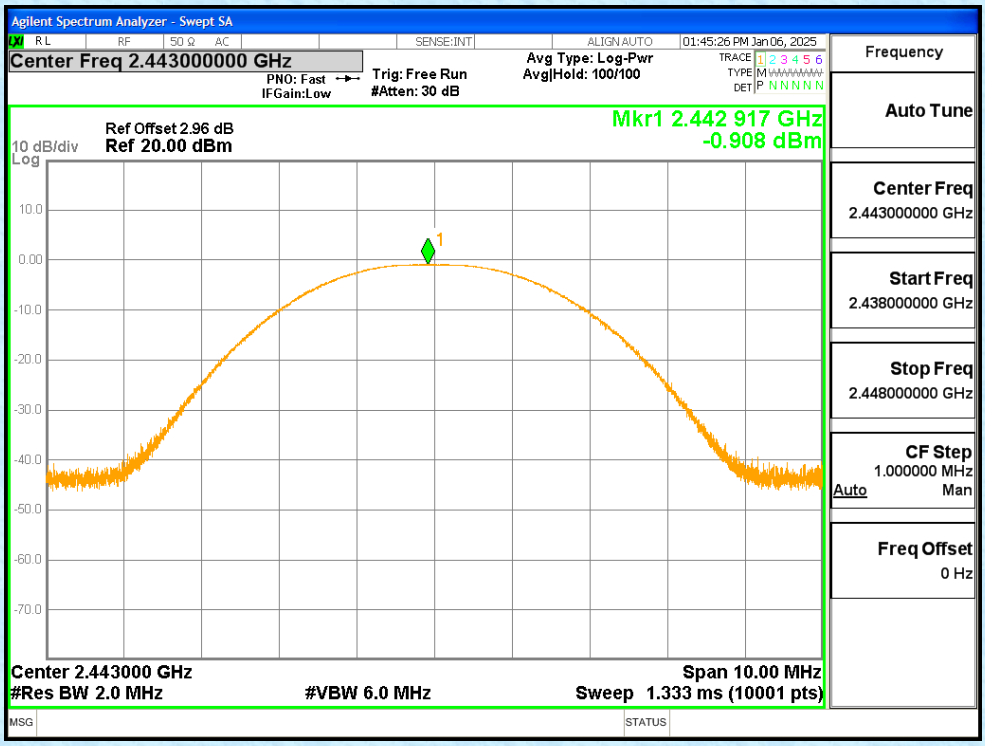
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	GFSK	2406	Ant1	-1.18	30	Pass
		2443		-0.91	30	Pass
		2480		-1	30	Pass

Test Graphs

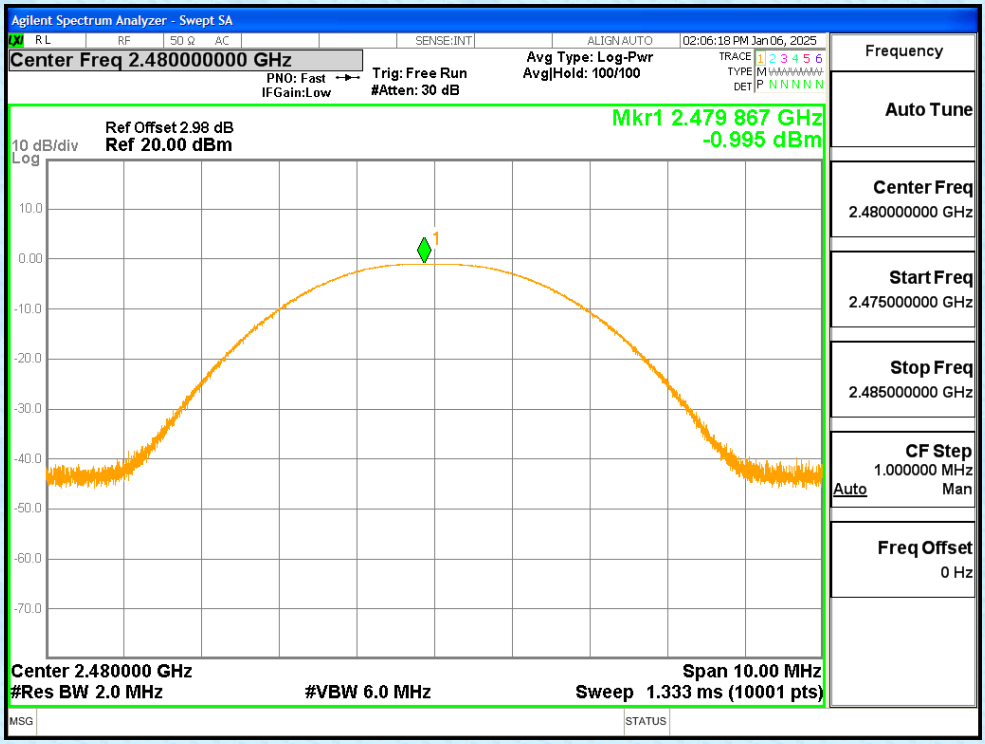
Power NVNT GFSK 2406MHz Ant1



Power NVNT GFSK 2443MHz Ant1



Power NVNT GFSK 2480MHz Ant1

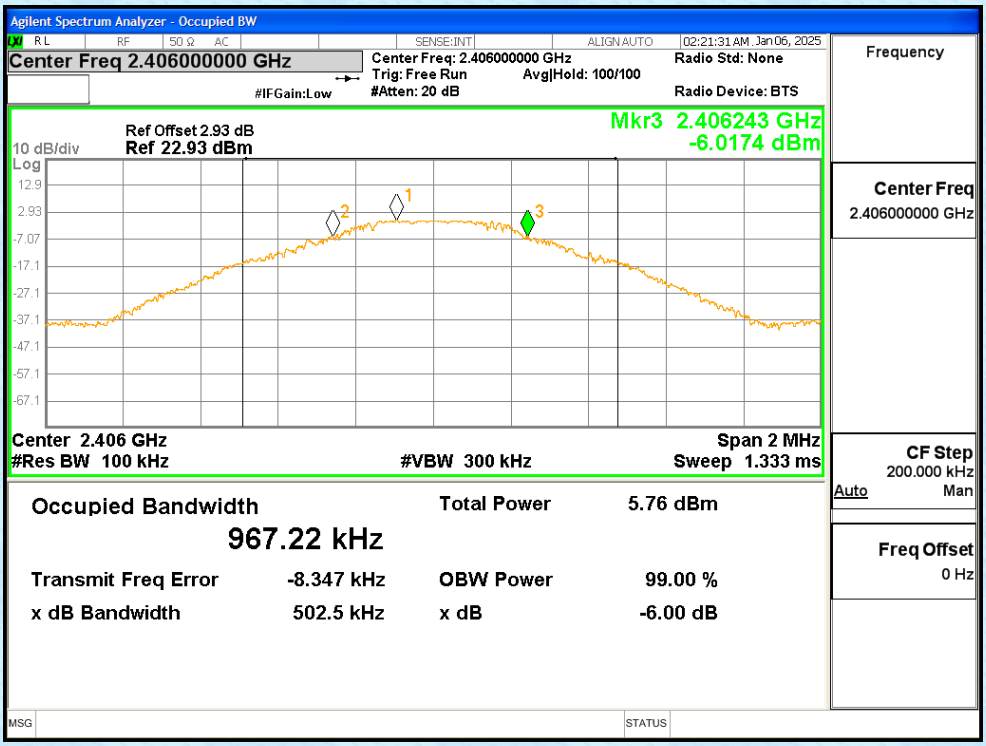


-6dB Bandwidth

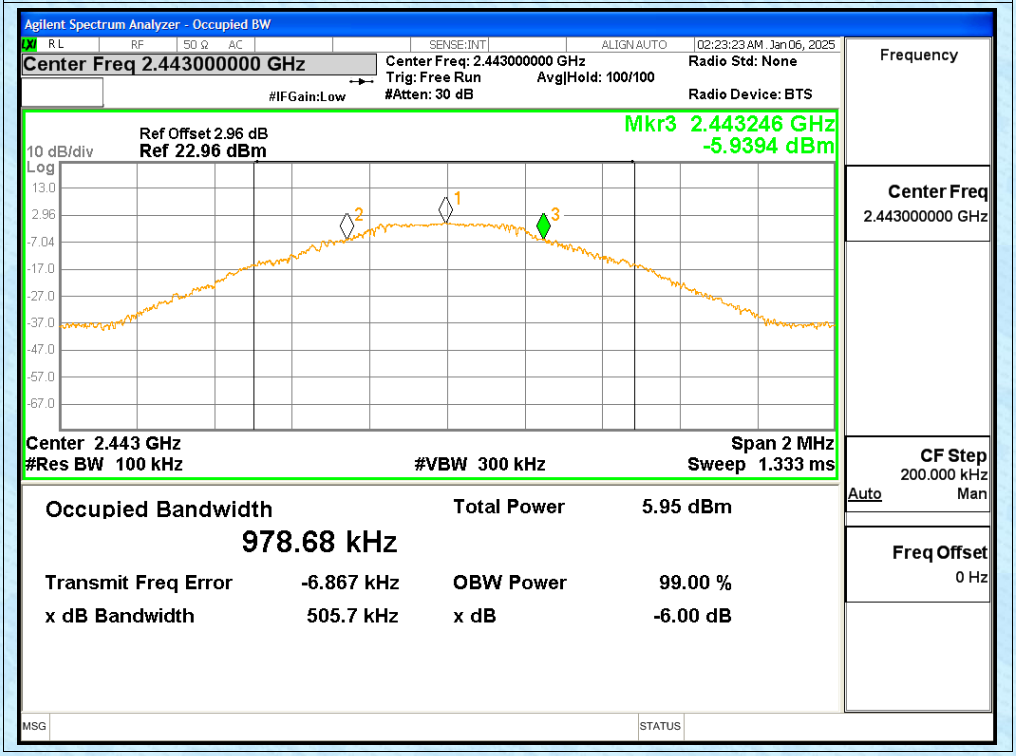
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	GFSK	2406	Ant1	0.503	0.5	Pass
		2443		0.506	0.5	Pass
		2480		0.508	0.5	Pass

Test Graphs

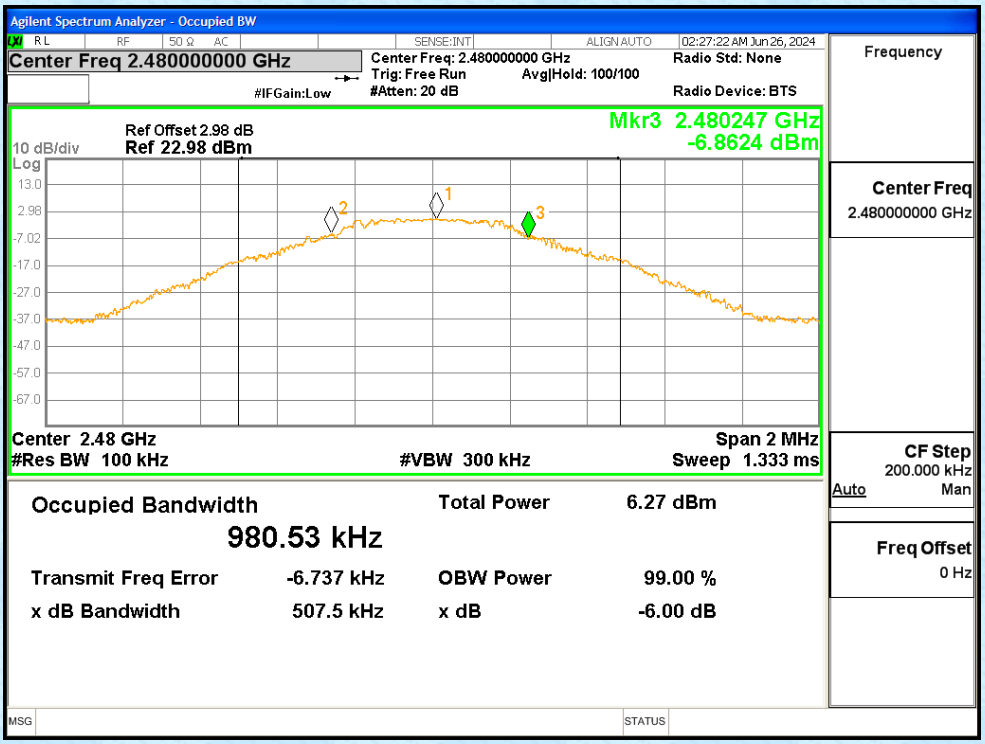
-6dB Bandwidth NVNT GFSK 2406MHz Ant1



-6dB Bandwidth NVNT GFSK 2443MHz Ant1



-6dB Bandwidth NVNT GFSK 2480MHz Ant1

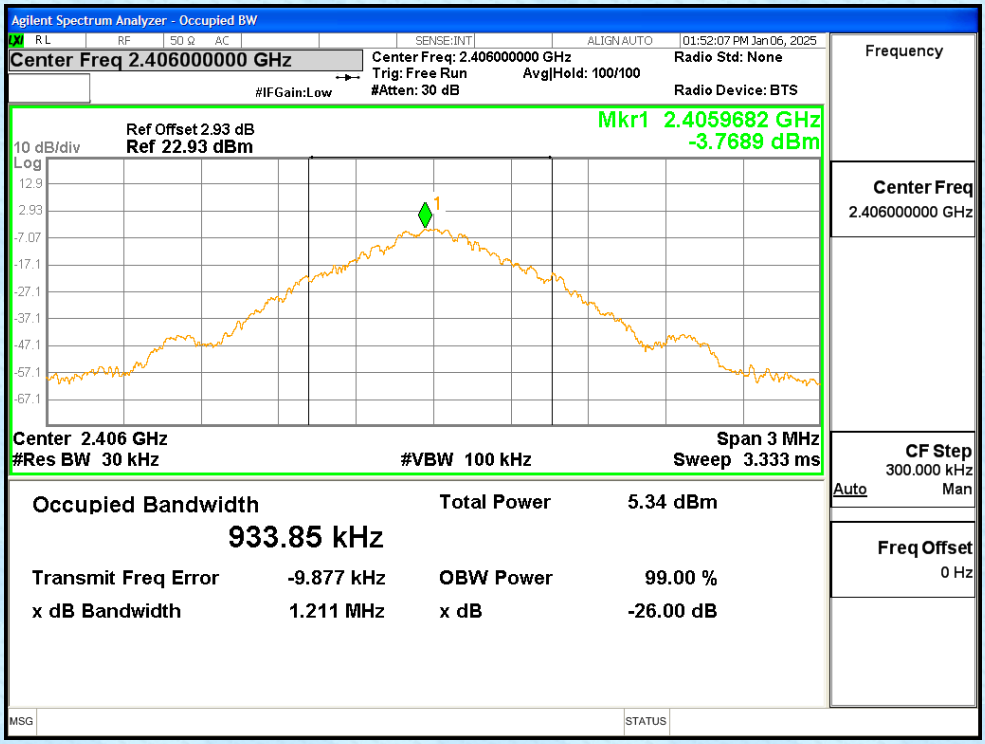


Occupied Channel Bandwidth

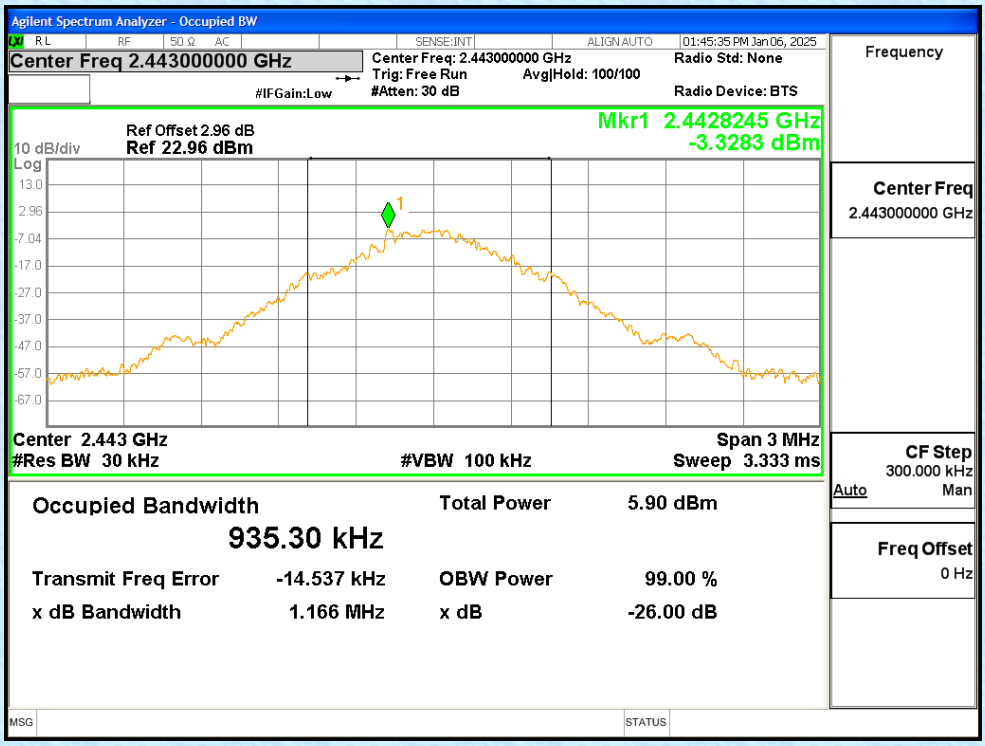
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	GFSK	2406	Ant1	0.934
		2443		0.935
		2480		0.962

Test Graphs

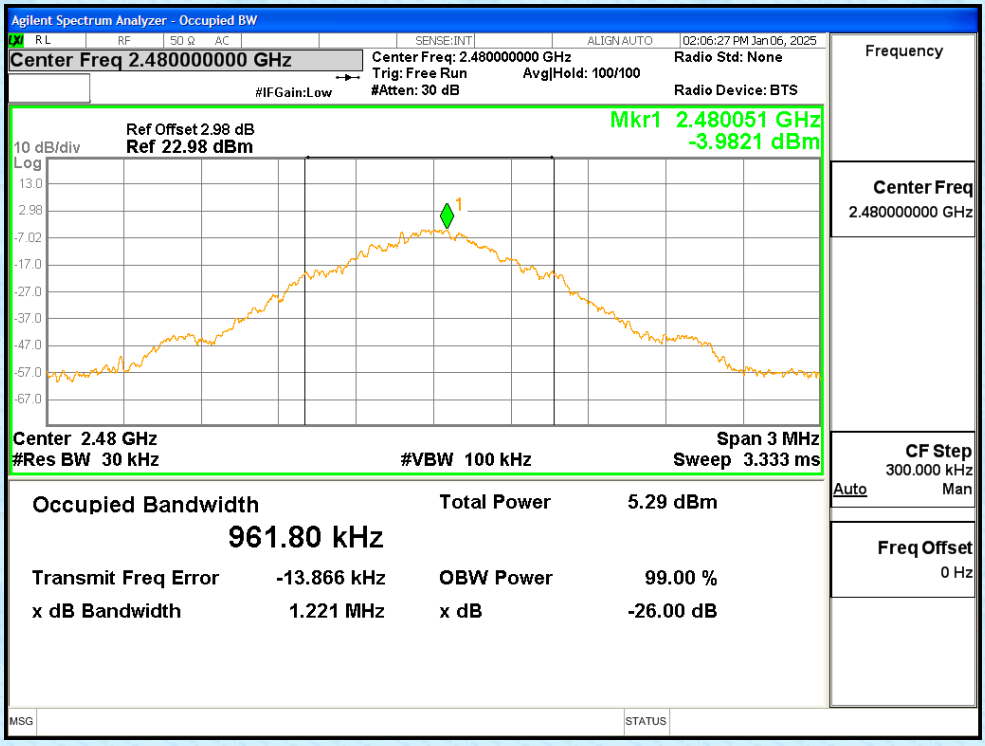
OBW NVNT GFSK 2406MHz Ant1



OBW NVNT GFSK 2443MHz Ant1



OBW NVNT GFSK 2480MHz Ant1

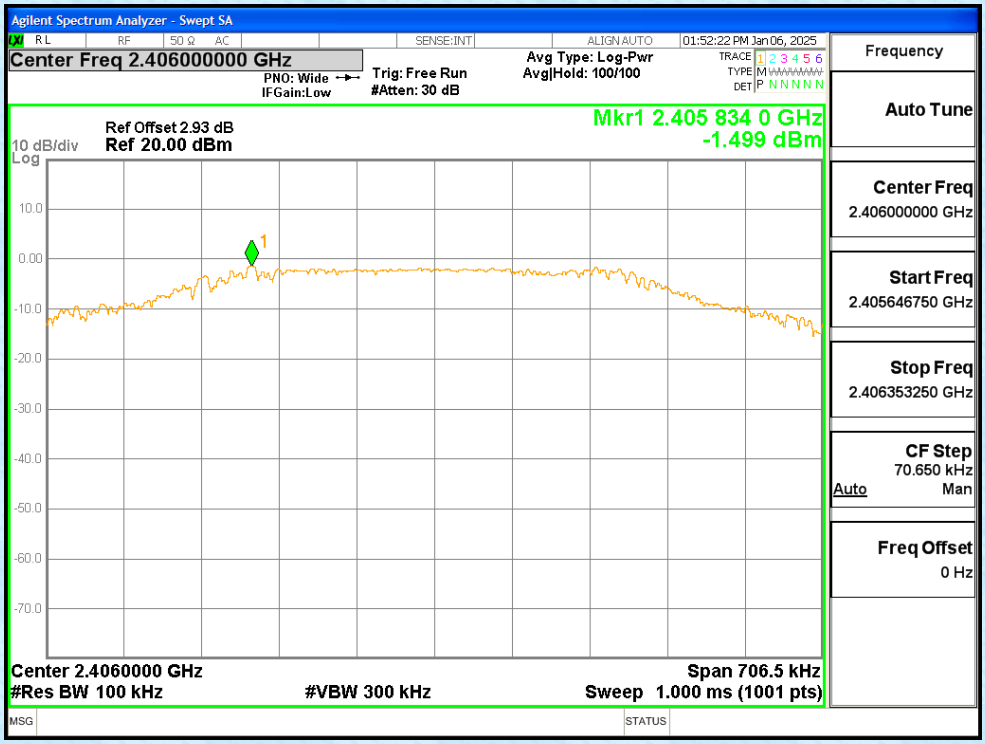


Maximum Power Spectral Density Level

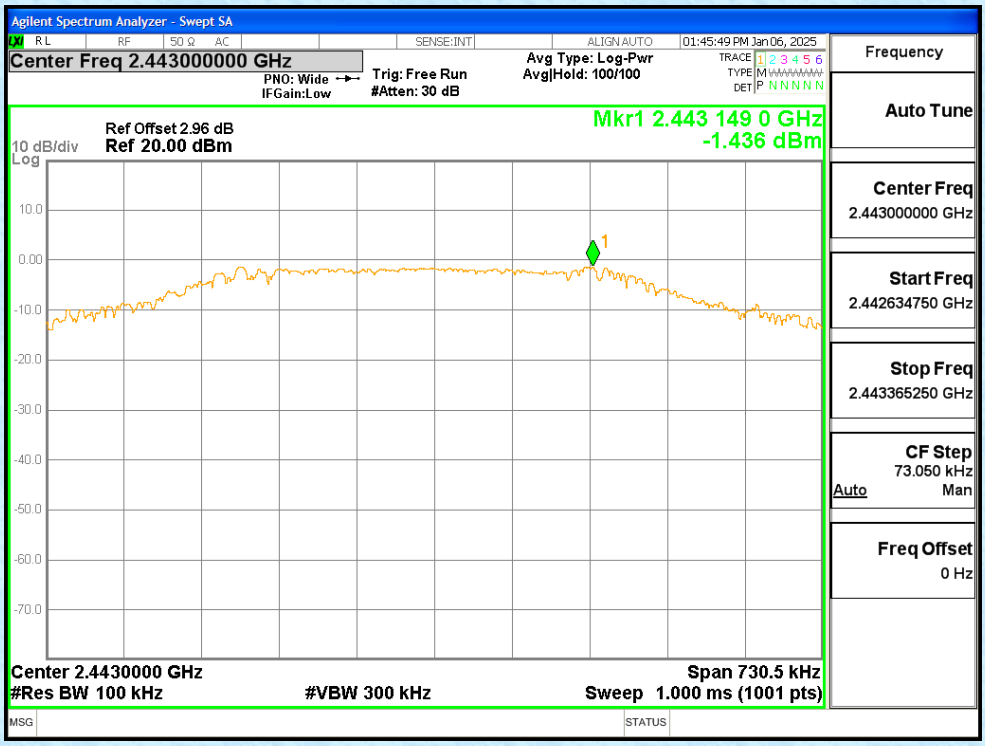
Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	GFSK	2406	Ant1	-1.5	8	Pass
		2443		-1.44	8	Pass
		2480		-1.31	8	Pass

Test Graphs

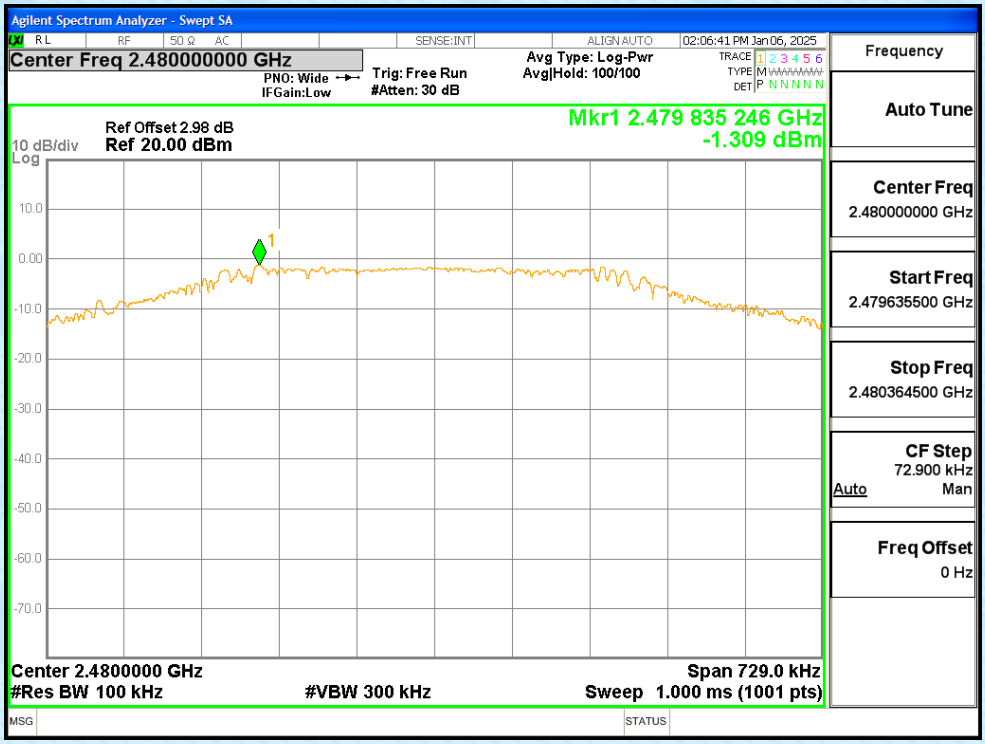
PSD NVNT GFSK 2406MHz Ant1



PSD NVNT GFSK 2443MHz Ant1



PSD NVNT GFSK 2480MHz Ant1

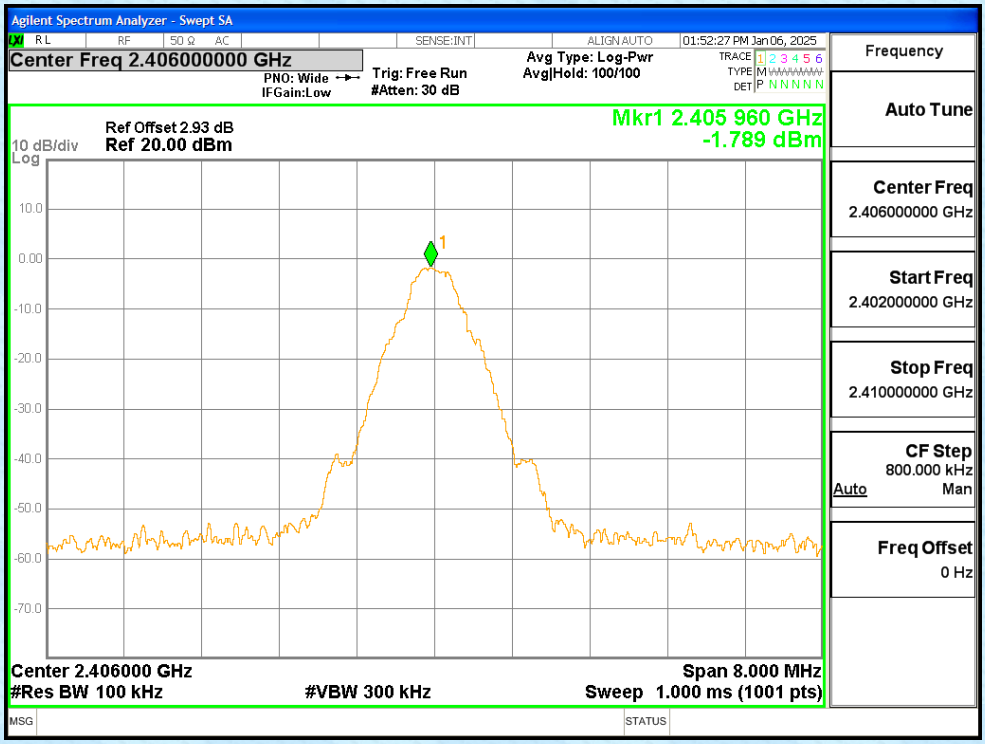


Band Edge

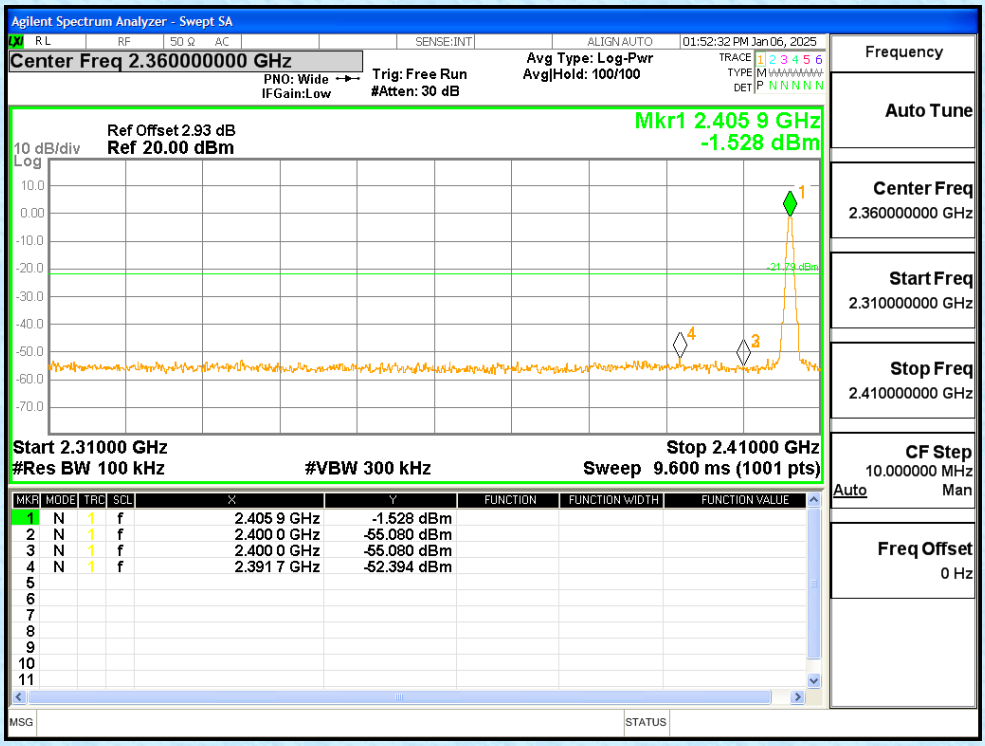
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	GFSK	2406	Ant1	-50.6	-20	Pass
		2480		-51.94	-20	Pass

Test Graphs

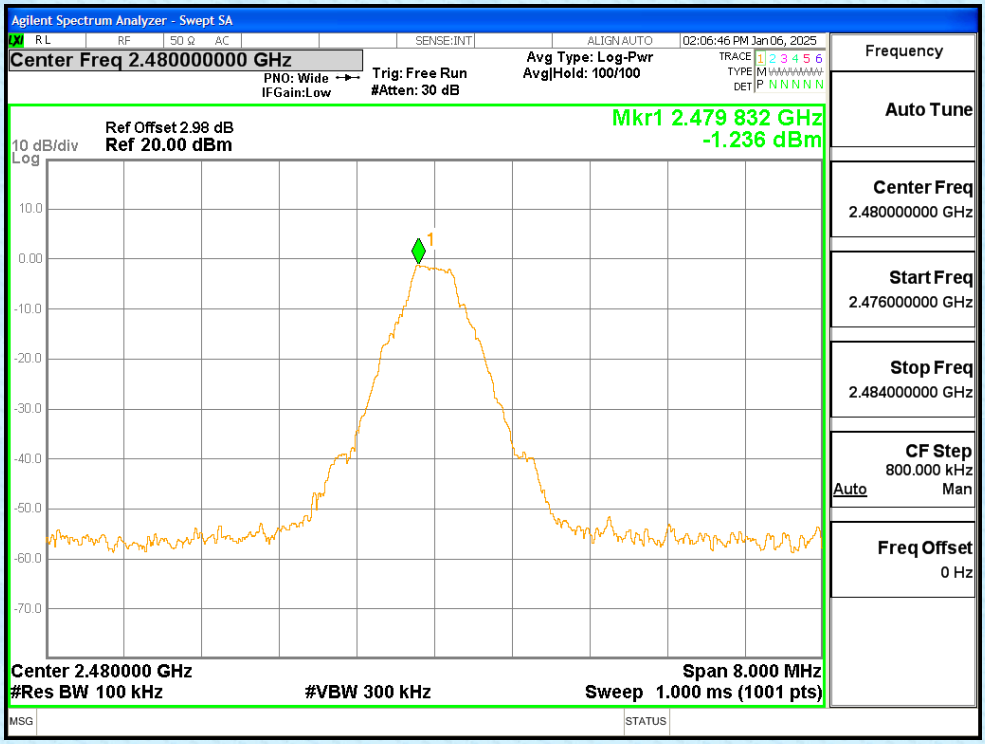
Band Edge NVNT GFSK 2406MHz Ant1 Ref



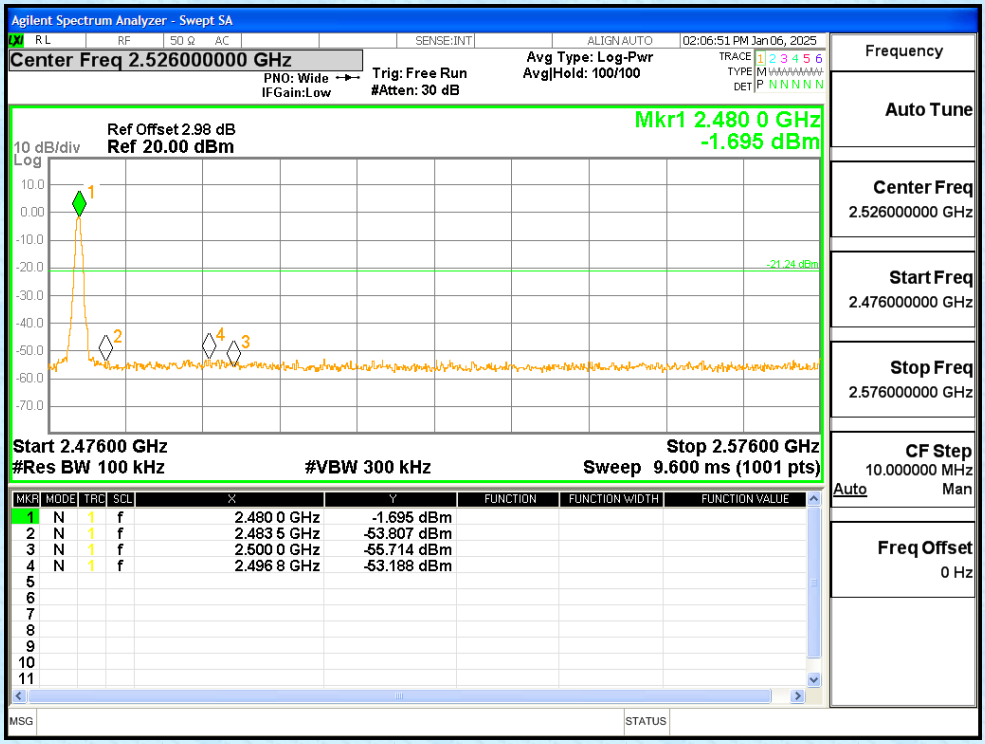
Band Edge NVNT GFSK 2406MHz Ant1 Emission



Band Edge NVNT GFSK 2480MHz Ant1 Ref



Band Edge NVNT GFSK 2480MHz Ant1 Emission

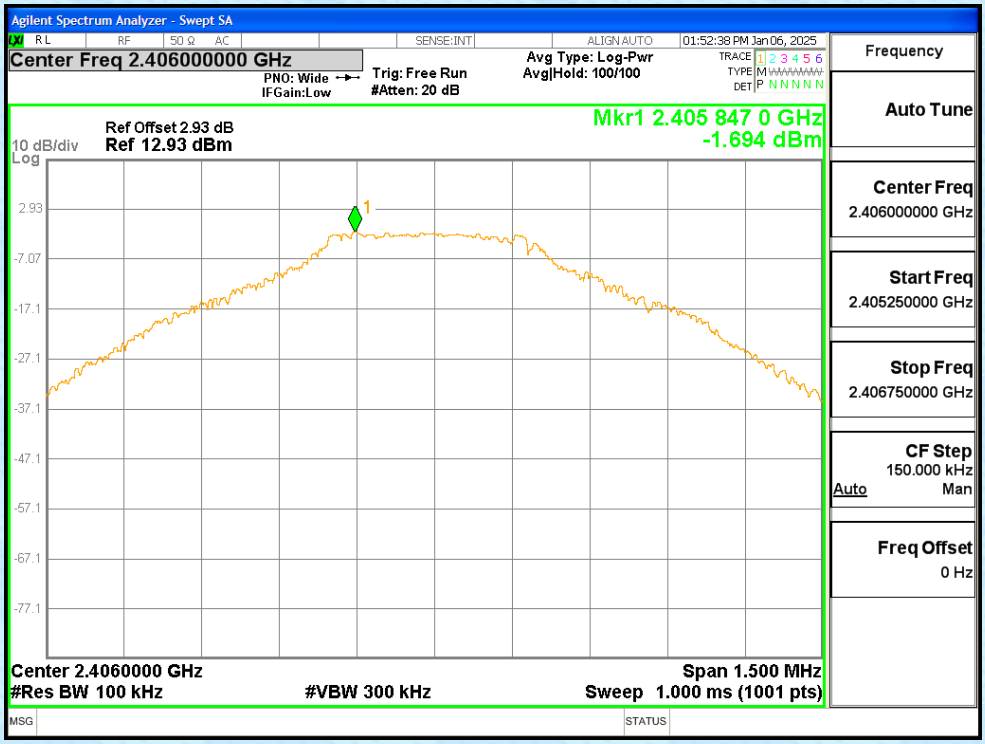


Conducted RF Spurious Emission

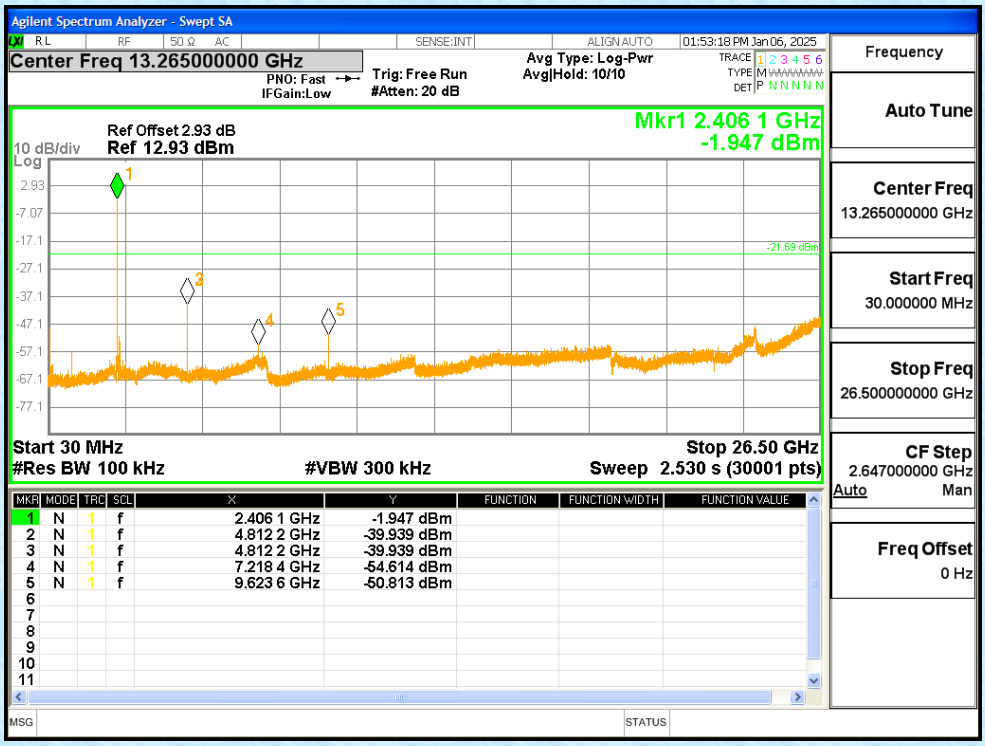
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	GFSK	2406	Ant1	-38.24	-20	Pass
		2443		-38.62	-20	Pass
		2480		-40.14	-20	Pass

Test Graphs

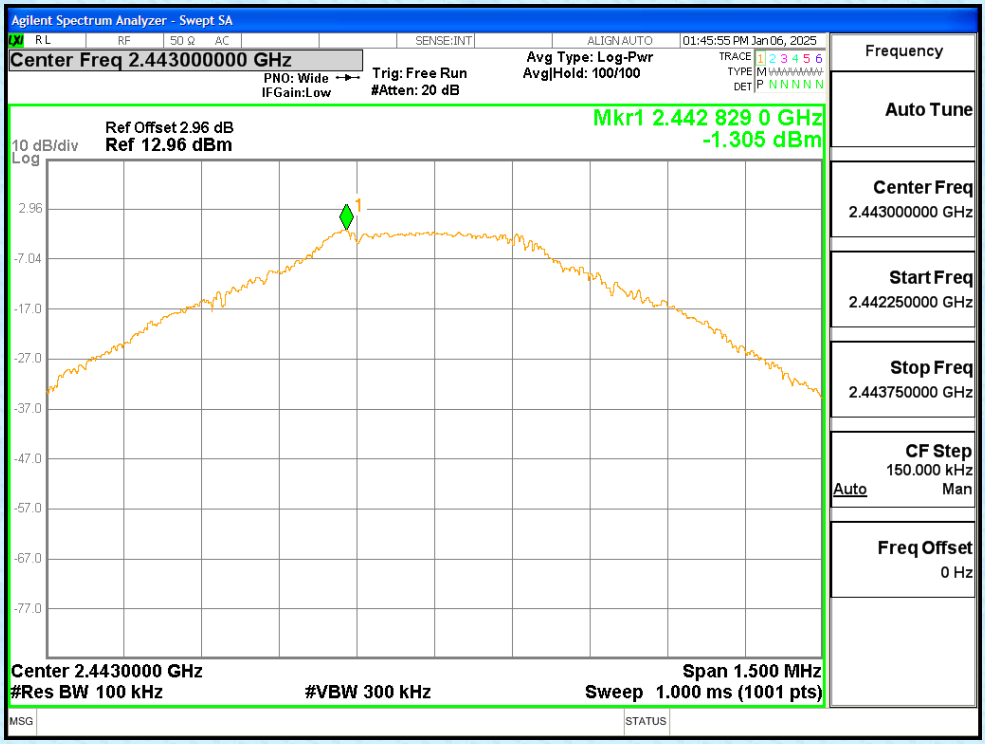
Tx. Spurious NVNT GFSK 2406MHz Ant1 Ref



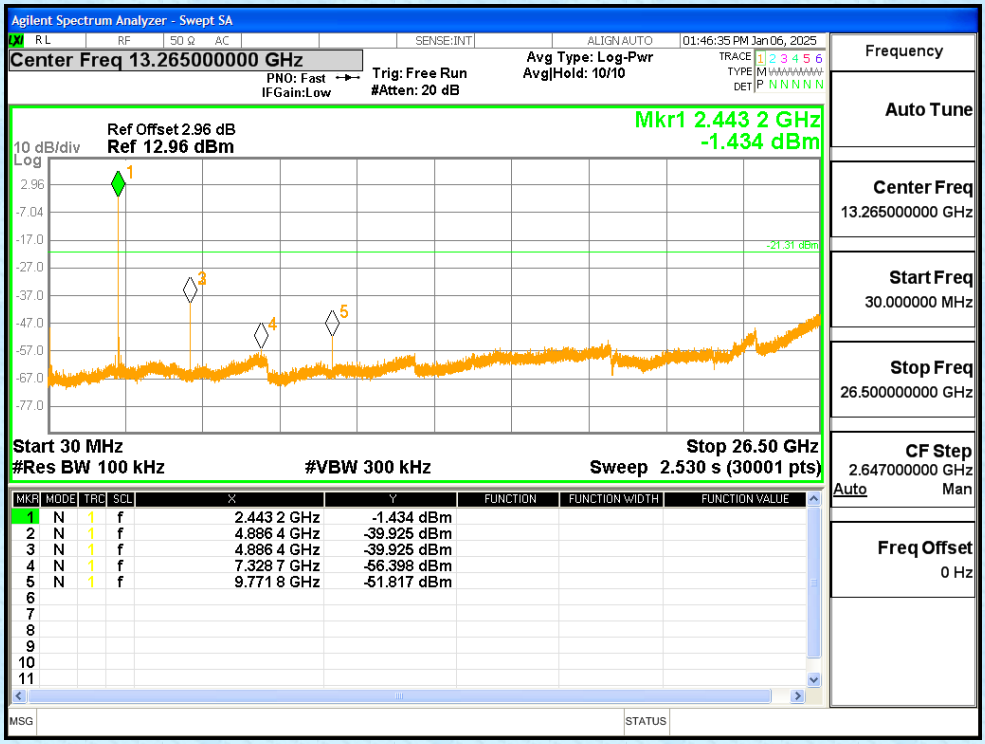
Tx. Spurious NVNT GFSK 2406MHz Ant1 Emission



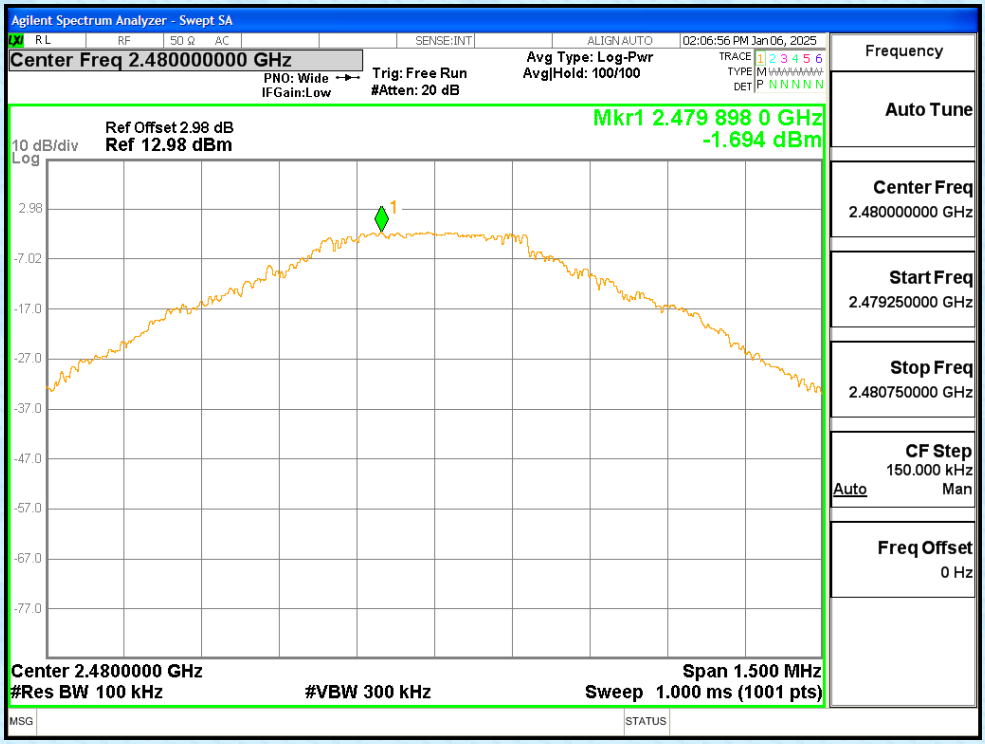
Tx. Spurious NVNT GFSK 2443MHz Ant1 Ref



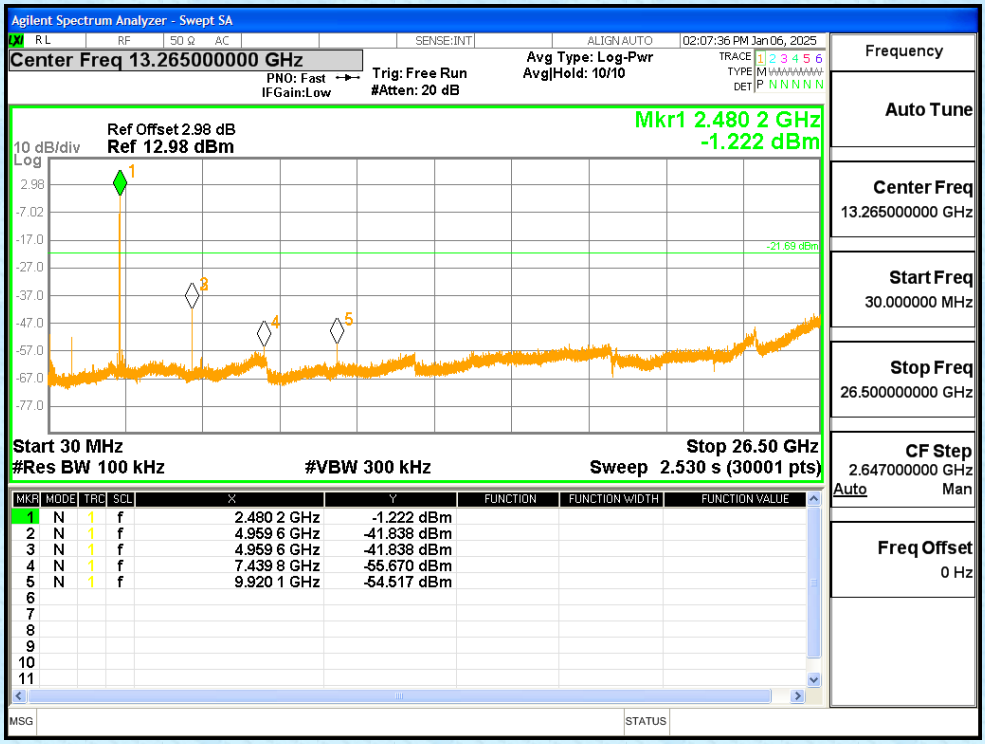
Tx. Spurious NVNT GFSK 2443MHz Ant1 Emission



Tx. Spurious NVNT GFSK 2480MHz Ant1 Ref



Tx. Spurious NVNT GFSK 2480MHz Ant1 Emission



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