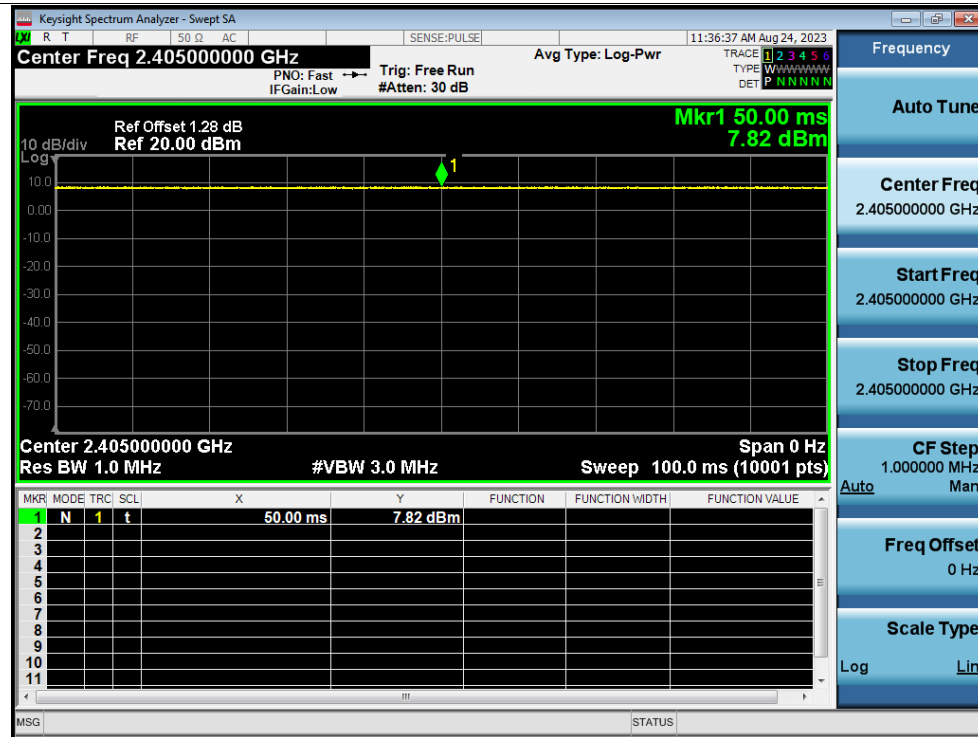


Duty Cycle

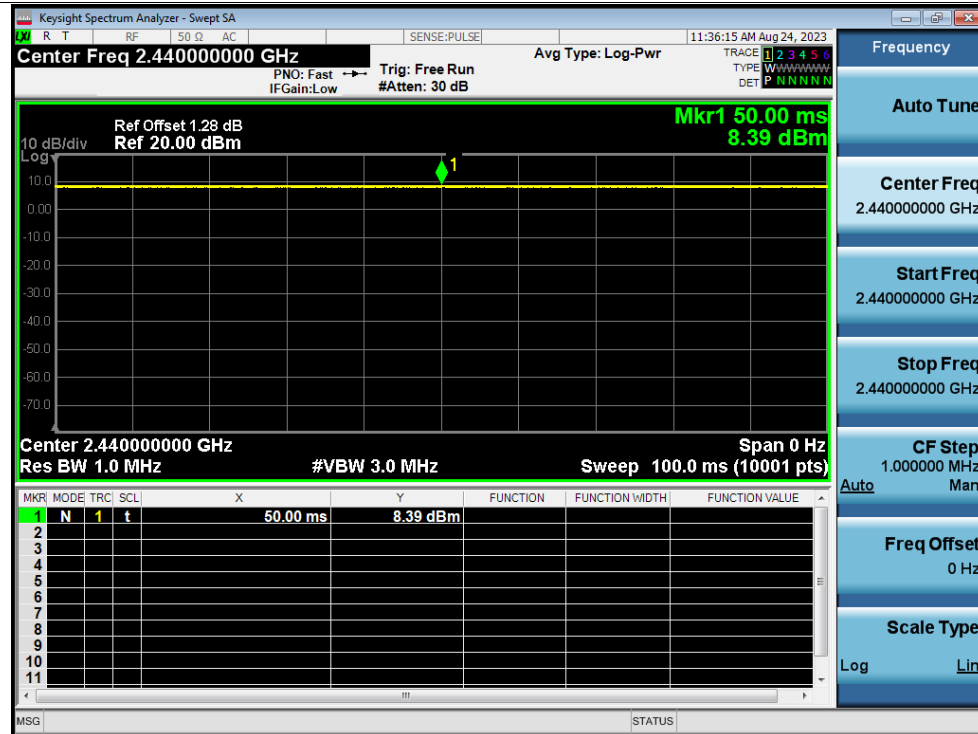
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	Matter	2405	Ant1	100	0	0
NVNT	Matter	2440	Ant1	100	0	0
NVNT	Matter	2480	Ant1	100	0	0

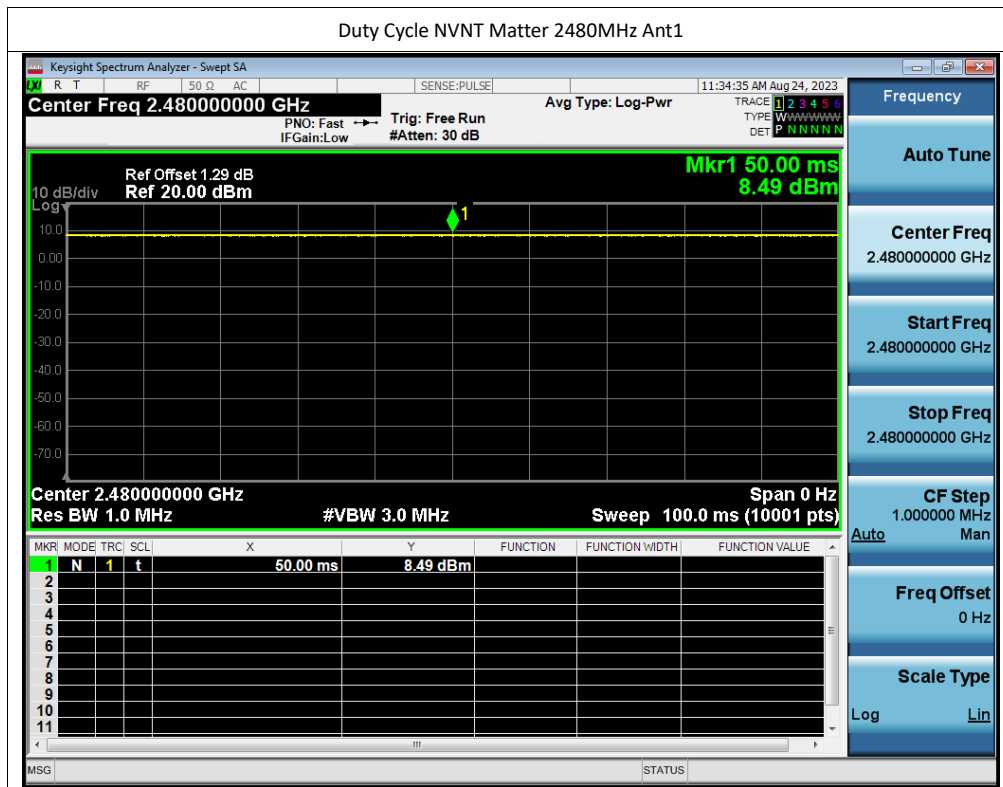
Test Graphs

Duty Cycle NVNT Matter 2405MHz Ant1



Duty Cycle NVNT Matter 2440MHz Ant1





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Antenna gain (dB)	EIRP(dBm)	Limit (dBm)	Verdict
NVNT	Matter	2405	Ant1	8.71	0	8.71	36	Pass
NVNT	Matter	2440	Ant1	8.89	0	8.89	36	Pass
NVNT	Matter	2480	Ant1	8.98	0	8.98	36	Pass

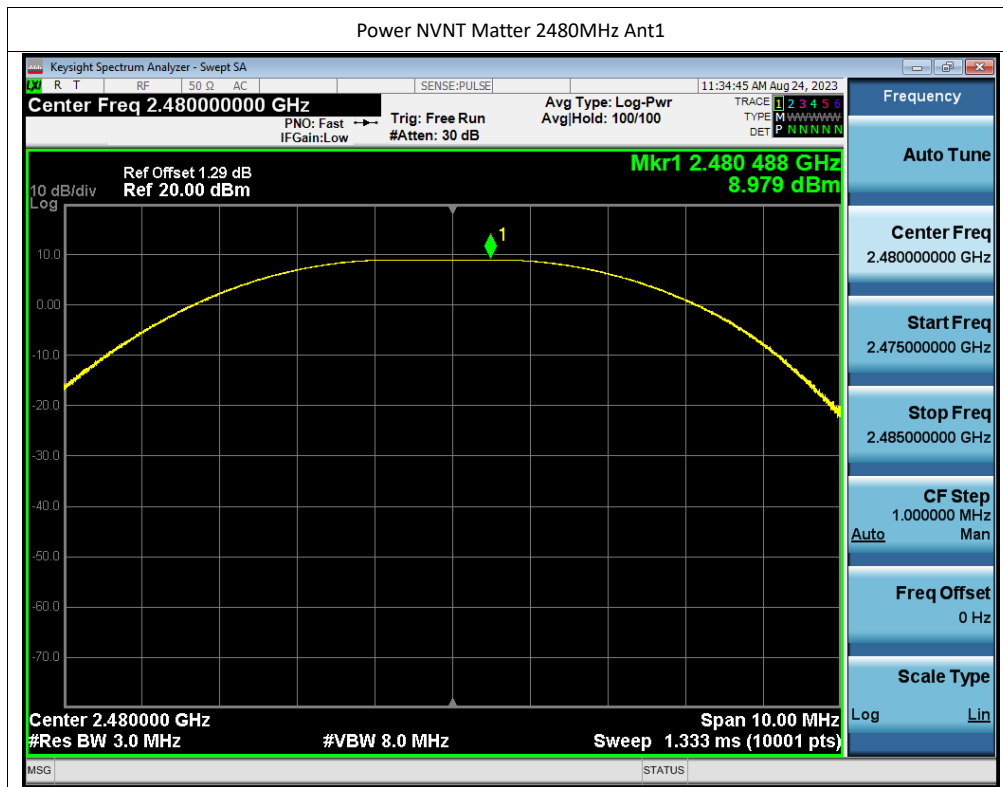
Test Graphs

Power NVNT Matter 2405MHz Ant1



Power NVNT Matter 2440MHz Ant1



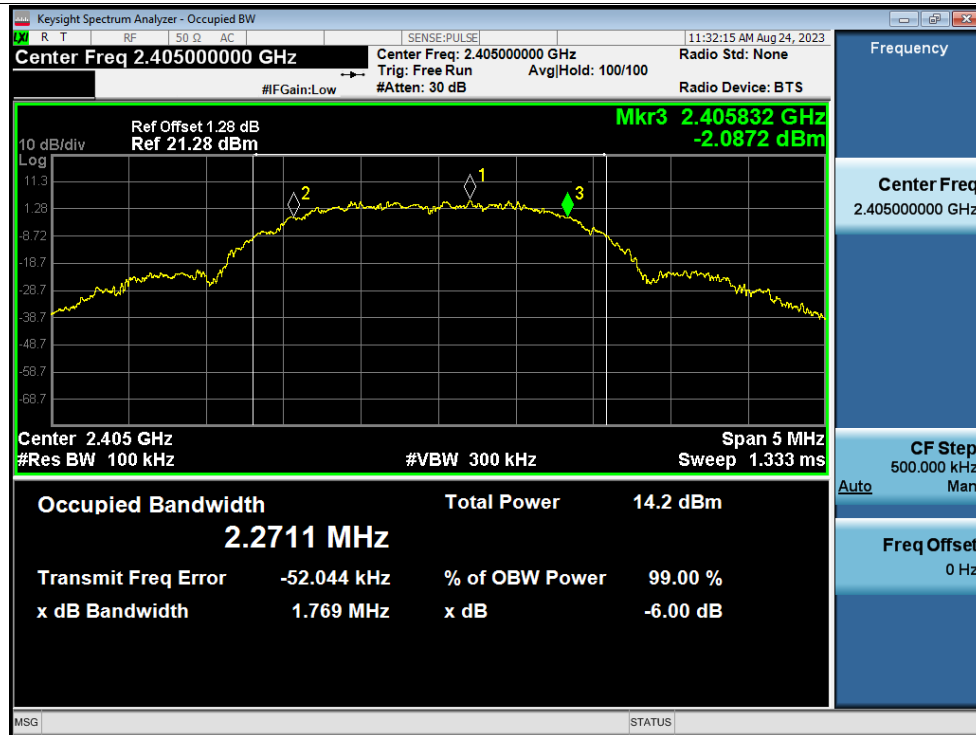


-6dB Bandwidth

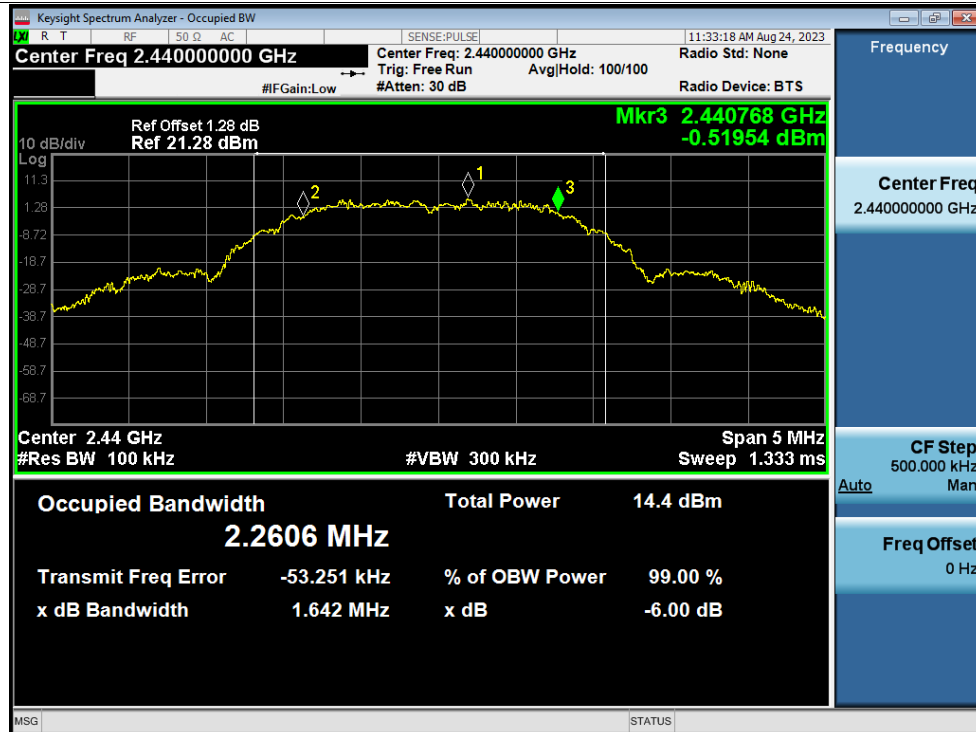
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	Matter	2405	Ant1	1.769	0.5	Pass
NVNT	Matter	2440	Ant1	1.642	0.5	Pass
NVNT	Matter	2480	Ant1	1.732	0.5	Pass

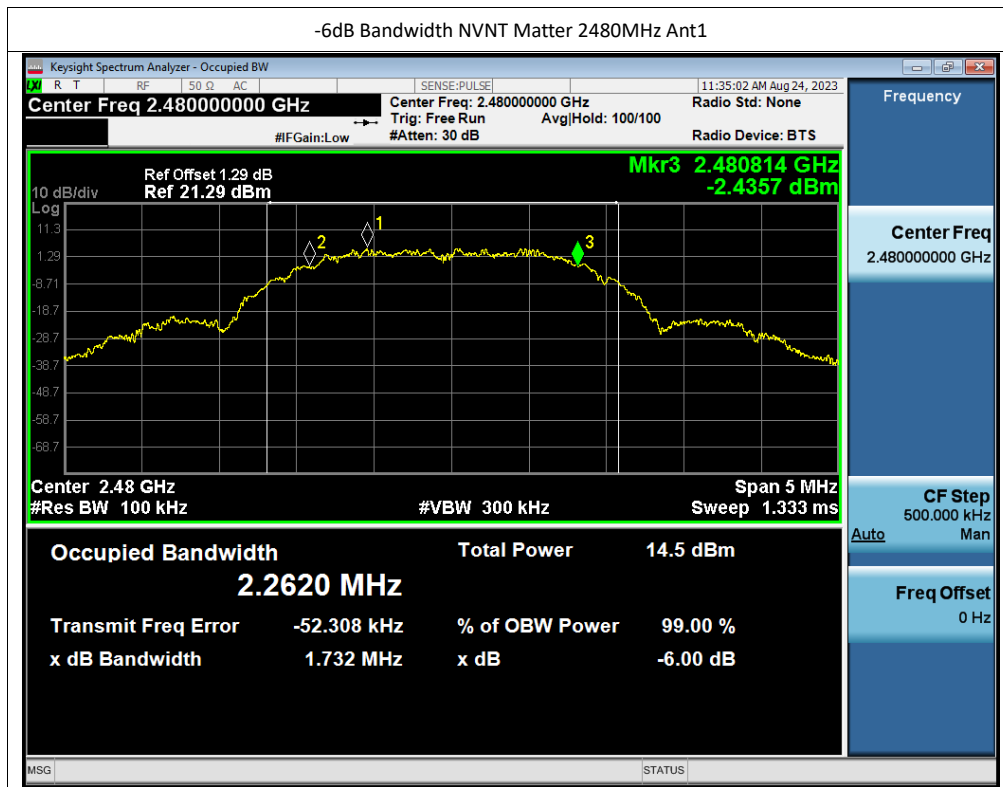
Test Graphs

-6dB Bandwidth NVNT Matter 2405MHz Ant1



-6dB Bandwidth NVNT Matter 2440MHz Ant1



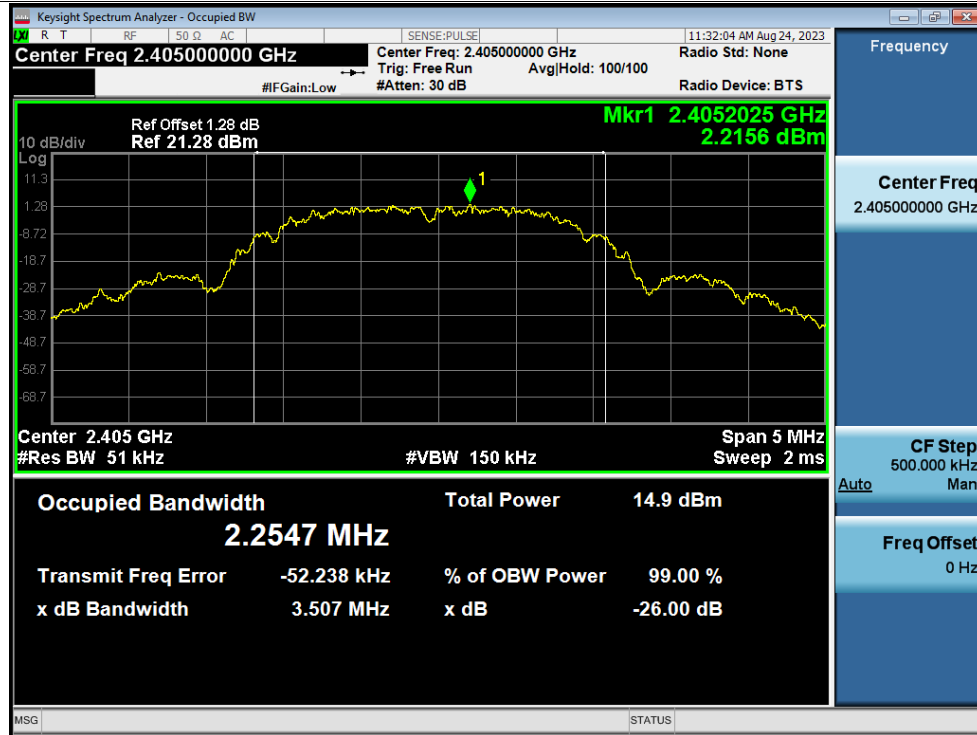


Occupied Channel Bandwidth

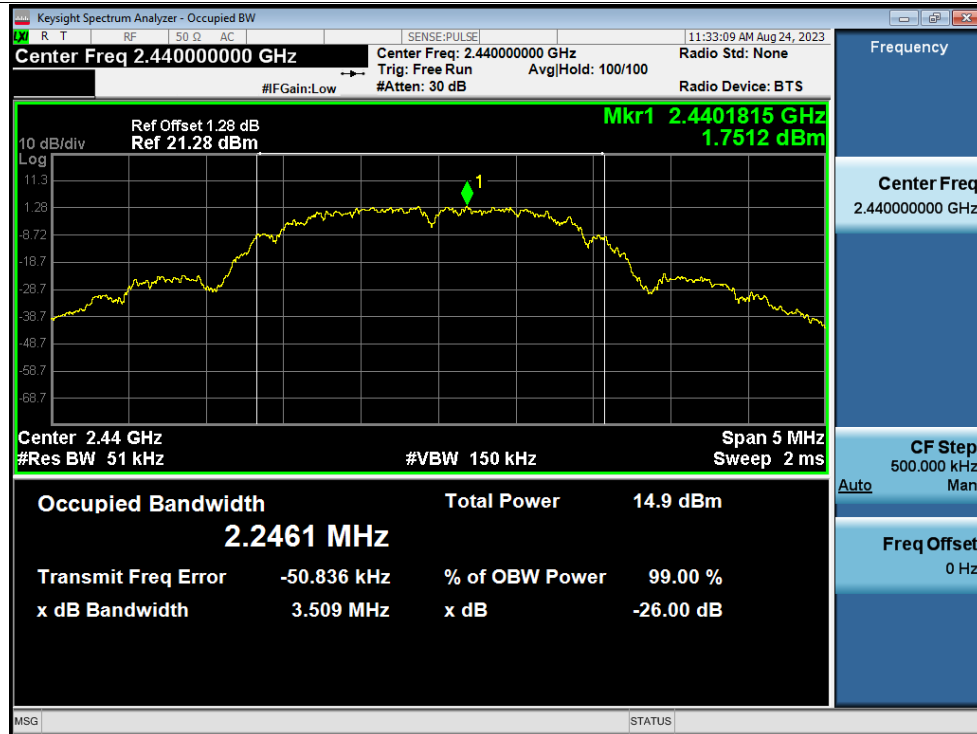
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	Matter	2405	Ant1	2.255
NVNT	Matter	2440	Ant1	2.246
NVNT	Matter	2480	Ant1	2.248

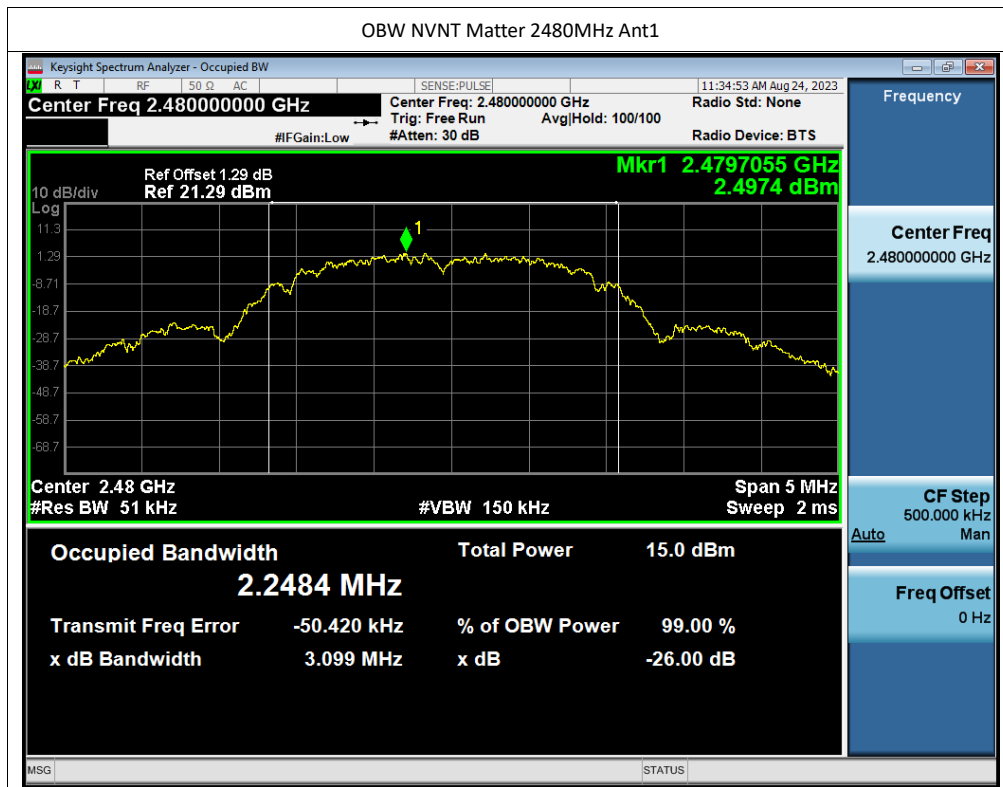
Test Graphs

OBW NVNT Matter 2405MHz Ant1



OBW NVNT Matter 2440MHz Ant1





Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	Matter	2405	Ant1	-7.43	0	-7.43	8	Pass
NVNT	Matter	2440	Ant1	-7.3	0	-7.3	8	Pass
NVNT	Matter	2480	Ant1	-6.94	0	-6.94	8	Pass

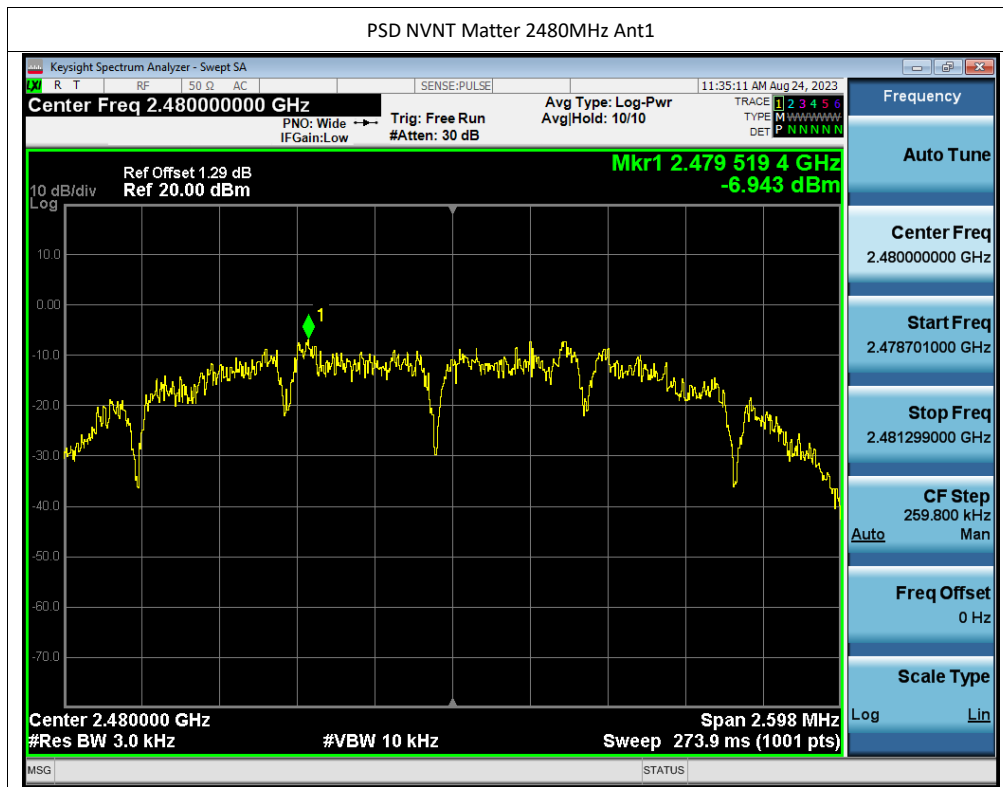
Test Graphs

PSD NVNT Matter 2405MHz Ant1



PSD NVNT Matter 2440MHz Ant1





Band Edge

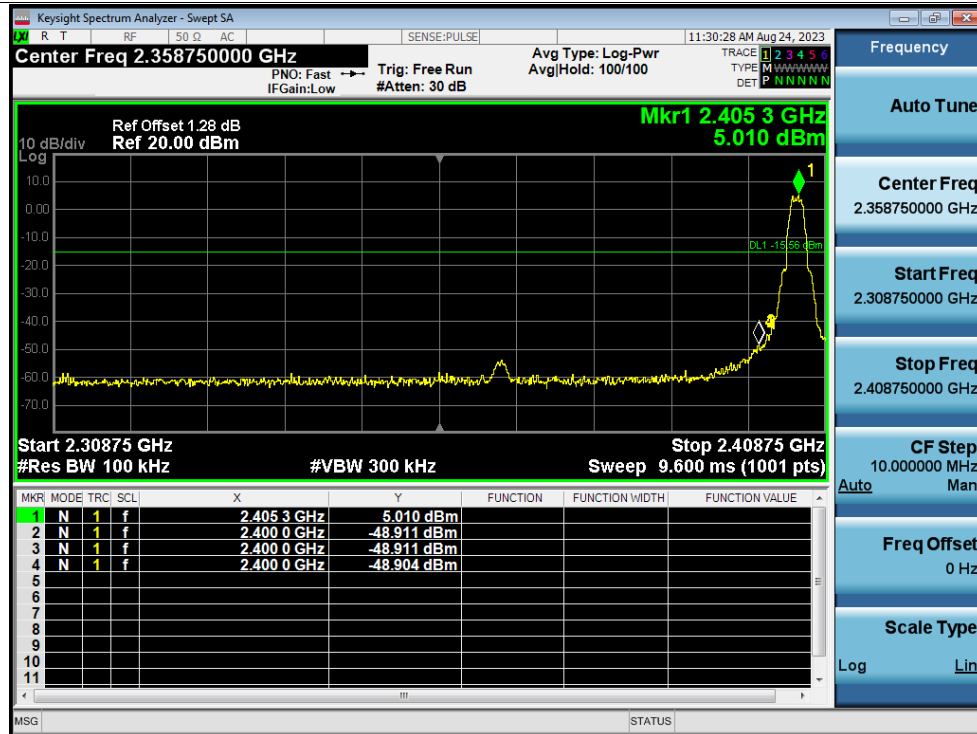
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	Matter	2405	Ant1	-53.34	-20	Pass
NVNT	Matter	2480	Ant1	-49.28	-20	Pass

Test Graphs

Band Edge NVNT Matter 2405MHz Ant1 Ref



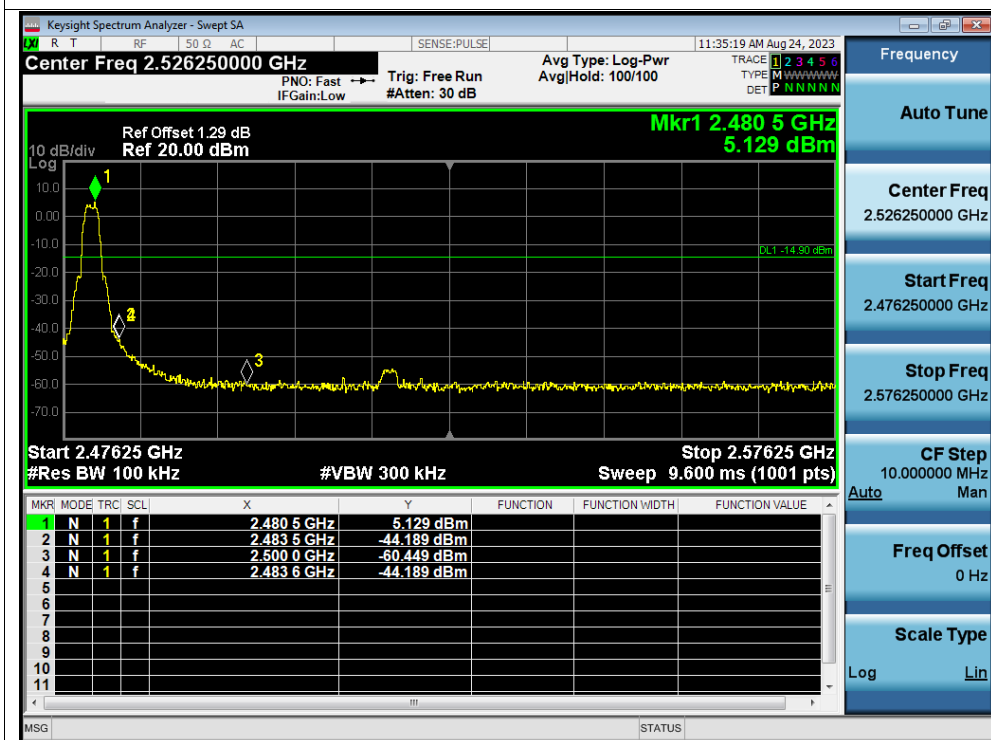
Band Edge NVNT Matter 2405MHz Ant1 Emission



Band Edge NVNT Matter 2480MHz Ant1 Ref



Band Edge NVNT Matter 2480MHz Ant1 Emission



Conducted RF Spurious Emission

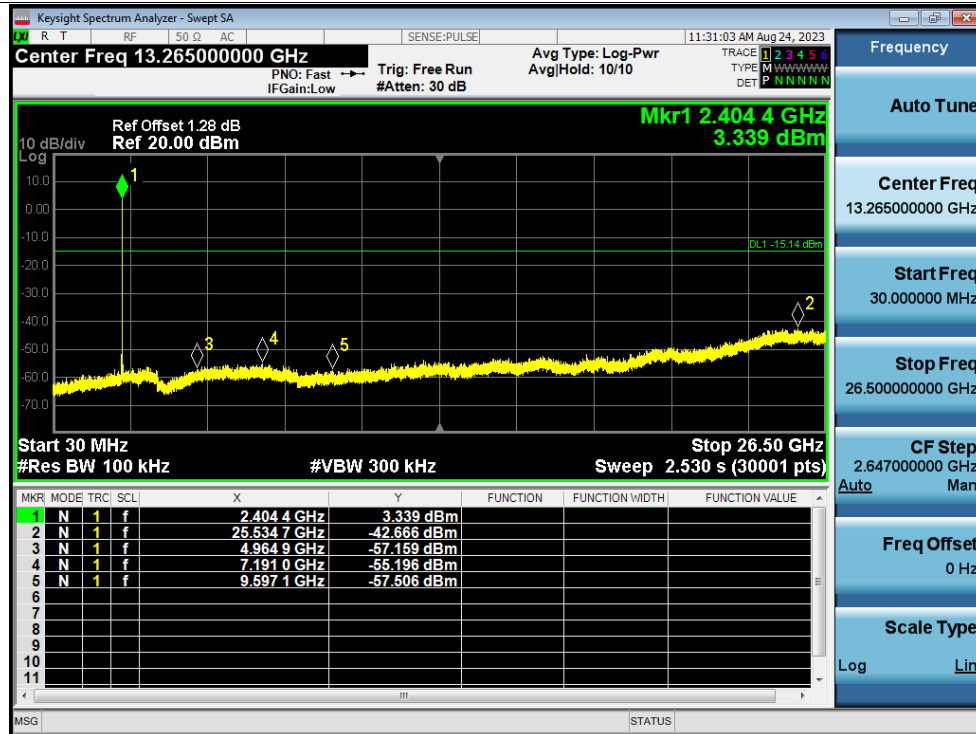
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	Matter	2405	Ant1	-47.52	-20	Pass
NVNT	Matter	2440	Ant1	-46.83	-20	Pass
NVNT	Matter	2480	Ant1	-48	-20	Pass

Test Graphs

Tx. Spurious NVNT Matter 2405MHz Ant1 Ref



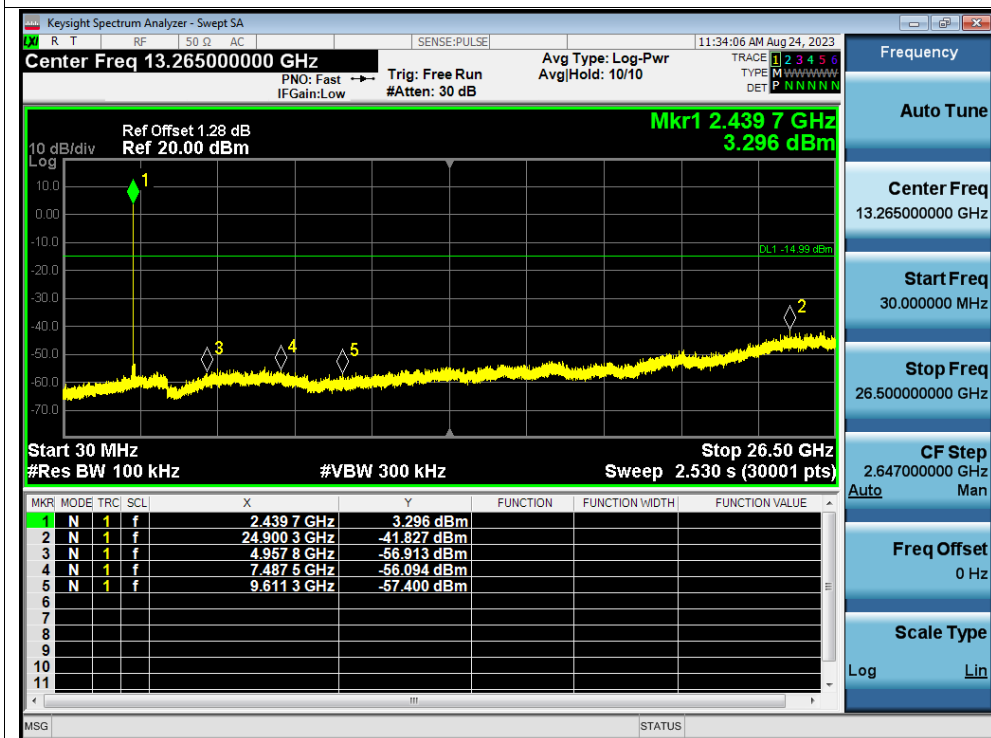
Tx. Spurious NVNT Matter 2405MHz Ant1 Emission



Tx. Spurious NVNT Matter 2440MHz Ant1 Ref



Tx. Spurious NVNT Matter 2440MHz Ant1 Emission



Tx. Spurious NVNT Matter 2480MHz Ant1 Ref



Tx. Spurious NVNT Matter 2480MHz Ant1 Emission

