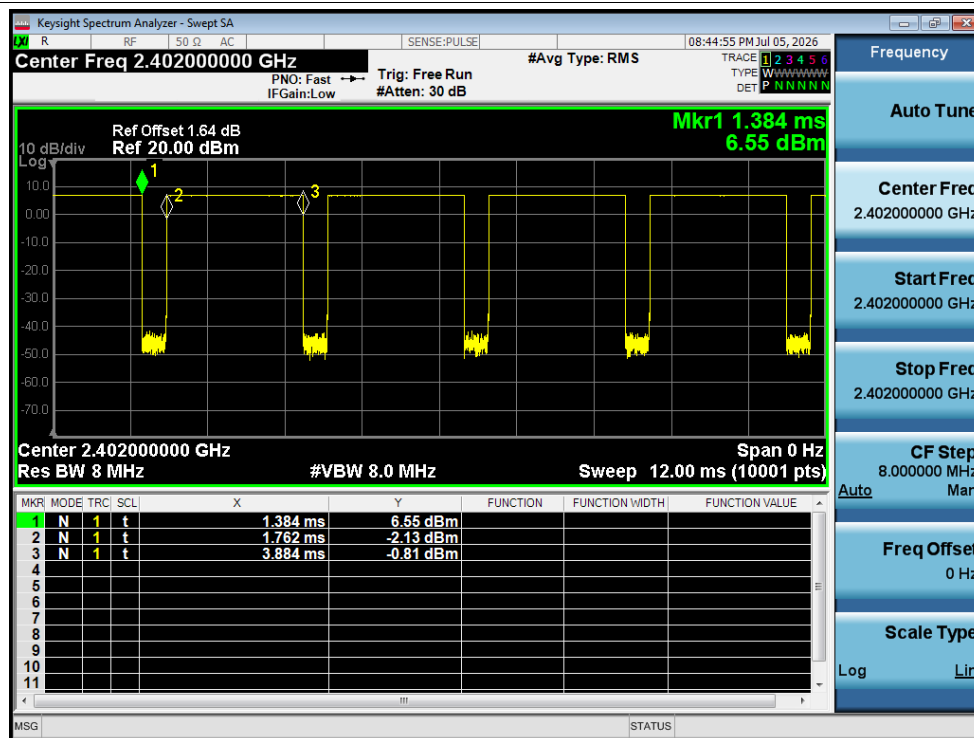
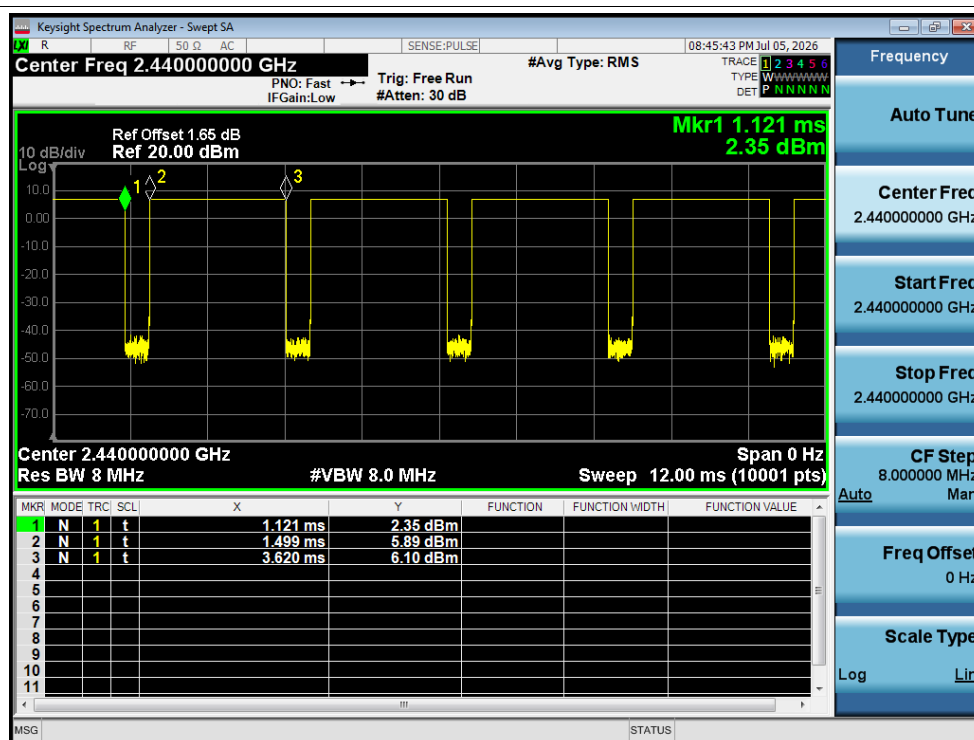


Duty Cycle

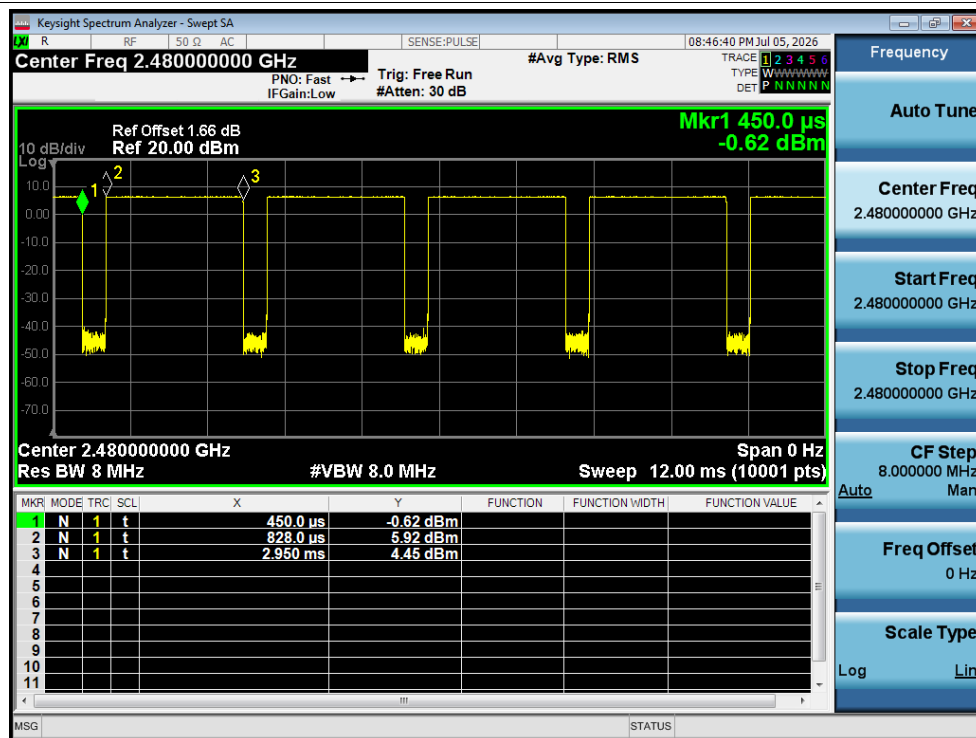
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	84.88	0.71	0.47
NVNT	BLE 1M	2440	Ant1	84.88	0.71	0.47
NVNT	BLE 1M	2480	Ant1	84.88	0.71	0.47
NVNT	BLE 2M	2402	Ant1	56.8	2.46	0.94
NVNT	BLE 2M	2440	Ant1	56.8	2.46	0.94
NVNT	BLE 2M	2480	Ant1	56.8	2.46	0.94



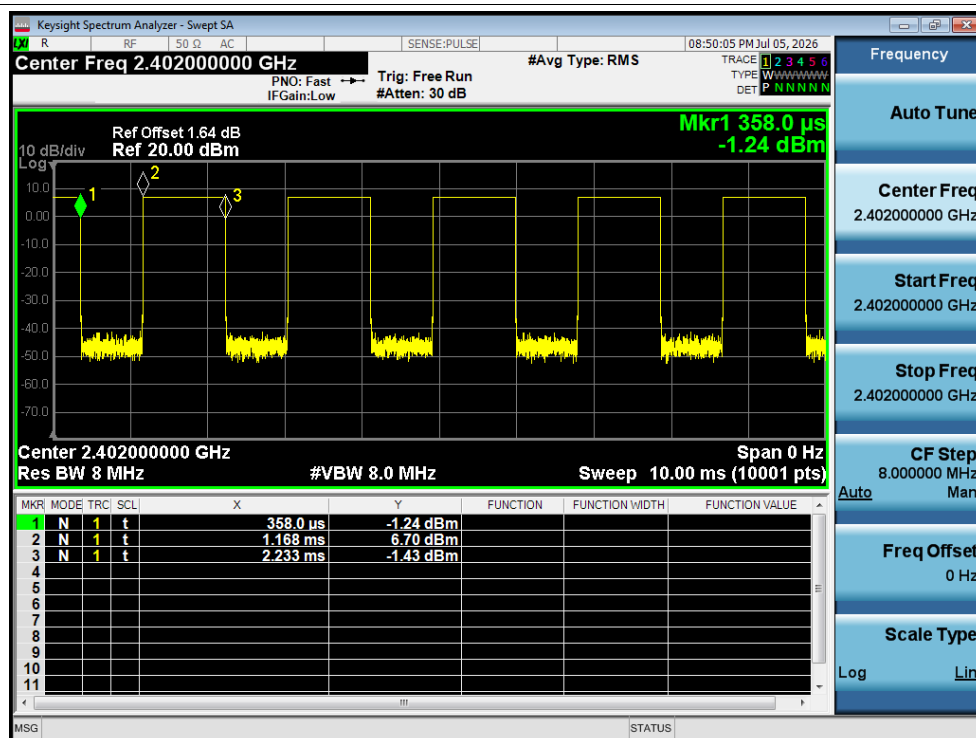
Duty Cycle NVNT BLE 1M 2402MHz Ant1



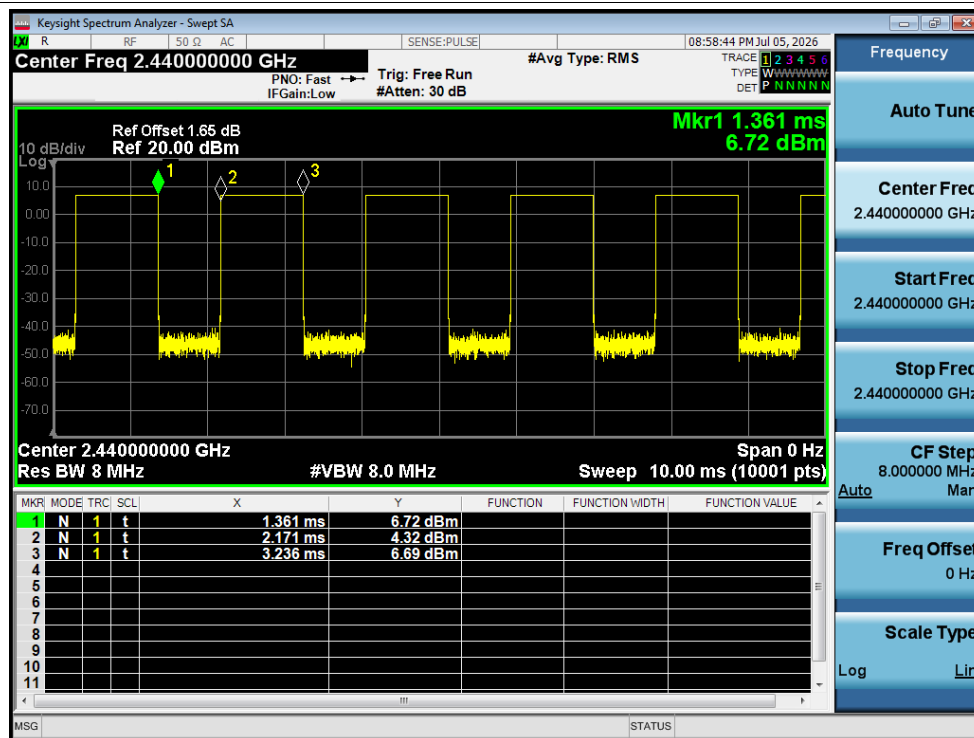
Duty Cycle NVNT BLE 1M 2440MHz Ant1



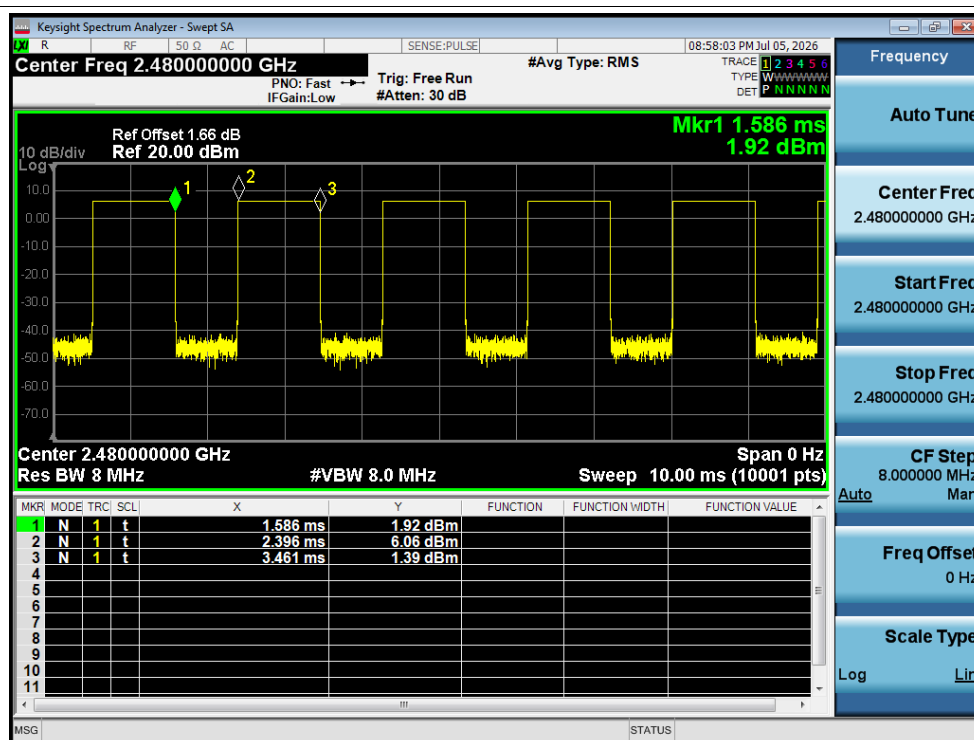
Duty Cycle NVNT BLE 1M 2480MHz Ant1



Duty Cycle NVNT BLE 2M 2402MHz Ant1



Duty Cycle NVNT BLE 2M 2440MHz Ant1



Duty Cycle NVNT BLE 2M 2480MHz Ant1

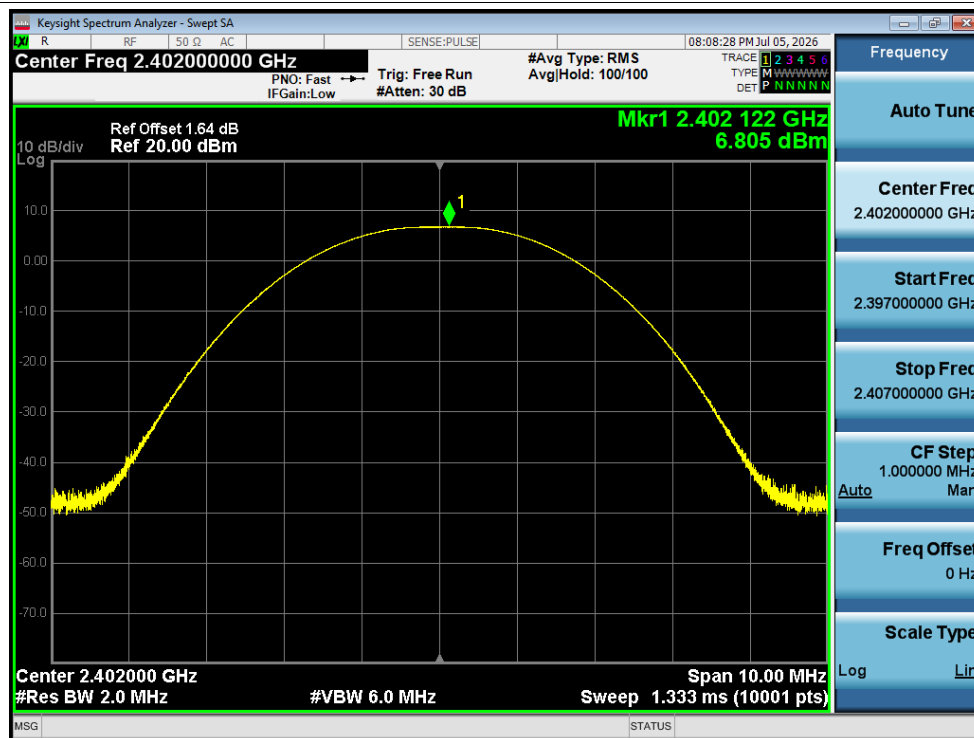
Maximum Peak Conducted Output Power

FCC:

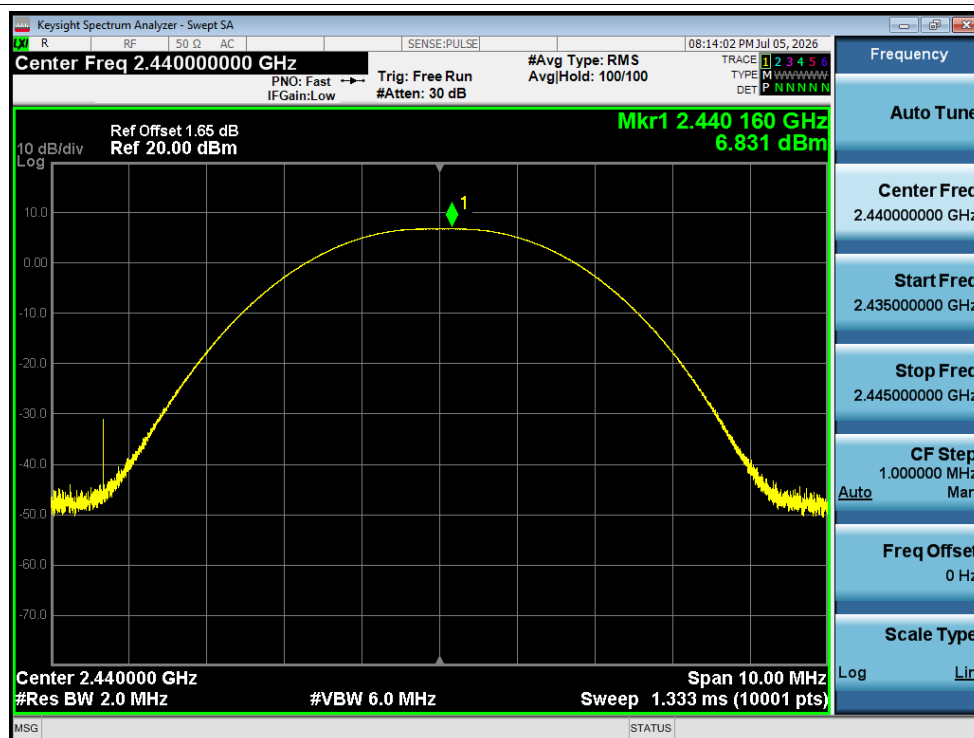
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	6.81	30	Pass
NVNT	BLE 1M	2440	Ant1	6.83	30	Pass
NVNT	BLE 1M	2480	Ant1	6.23	30	Pass
NVNT	BLE 2M	2402	Ant1	6.76	30	Pass
NVNT	BLE 2M	2440	Ant1	6.81	30	Pass
NVNT	BLE 2M	2480	Ant1	6.22	30	Pass

ISED:

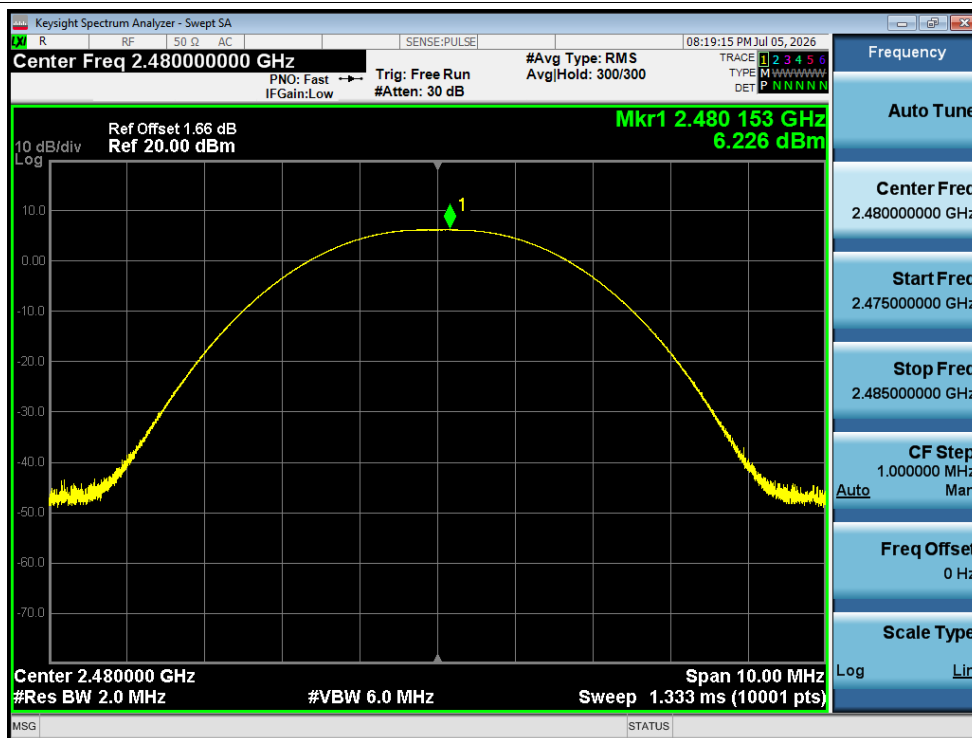
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power (W)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit Conducted (dBm)	Limit EIRP (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	6.81	0.0048	3.62	10.43	0.01104	30	36	Pass
NVNT	BLE 1M	2440	Ant1	6.83	0.00482	3.62	10.45	0.01109	30	36	Pass
NVNT	BLE 1M	2480	Ant1	6.23	0.0042	3.62	9.85	0.00966	30	36	Pass
NVNT	BLE 2M	2402	Ant1	6.76	0.00474	3.62	10.38	0.01091	30	36	Pass
NVNT	BLE 2M	2440	Ant1	6.81	0.0048	3.62	10.43	0.01104	30	36	Pass
NVNT	BLE 2M	2480	Ant1	6.22	0.00419	3.62	9.84	0.00964	30	36	Pass



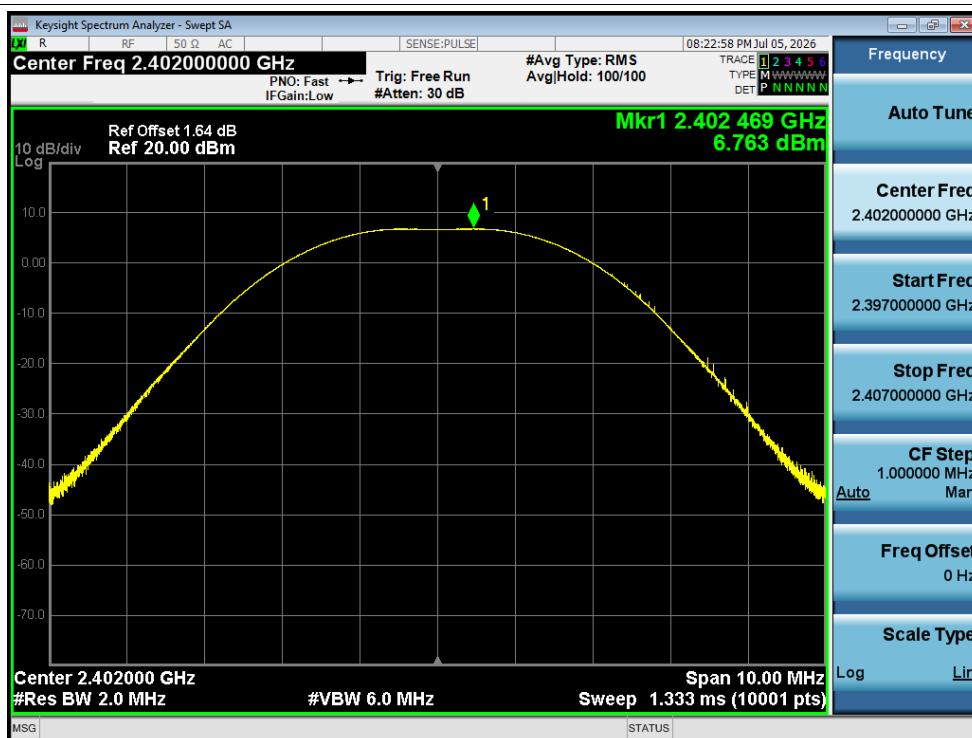
Peak Power NVNT BLE 1M 2402MHz Ant1



Peak Power NVNT BLE 1M 2440MHz Ant1



Peak Power NVNT BLE 1M 2480MHz Ant1



Peak Power NVNT BLE 2M 2402MHz Ant1



Peak Power NVNT BLE 2M 2440MHz Ant1



Peak Power NVNT BLE 2M 2480MHz Ant1

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.6594	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.6534	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.7016	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.216	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.141	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.147	0.5	Pass



-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



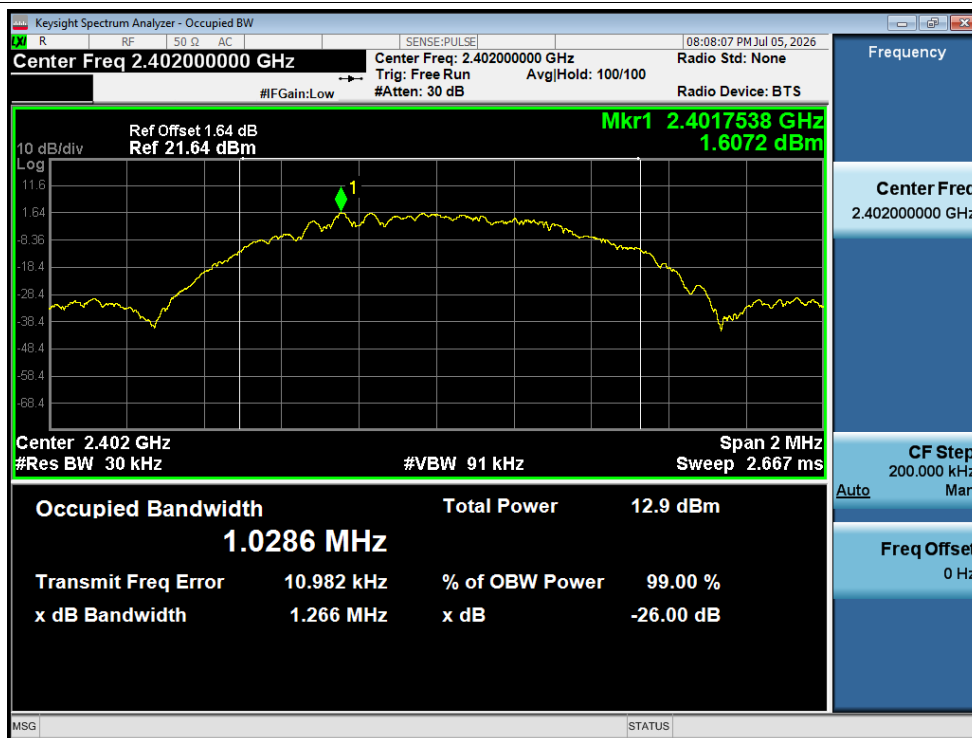
-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.0286
NVNT	BLE 1M	2440	Ant1	1.0288
NVNT	BLE 1M	2480	Ant1	1.016
NVNT	BLE 2M	2402	Ant1	2.0616
NVNT	BLE 2M	2440	Ant1	2.0525
NVNT	BLE 2M	2480	Ant1	2.0541



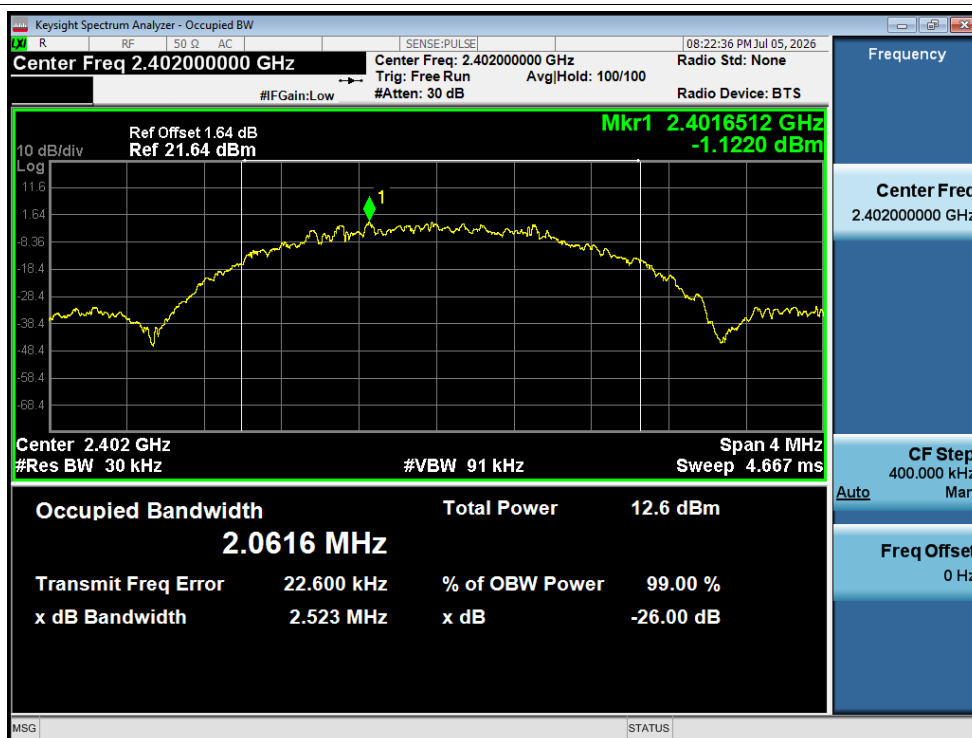
OBW NVNT BLE 1M 2402MHz Ant1



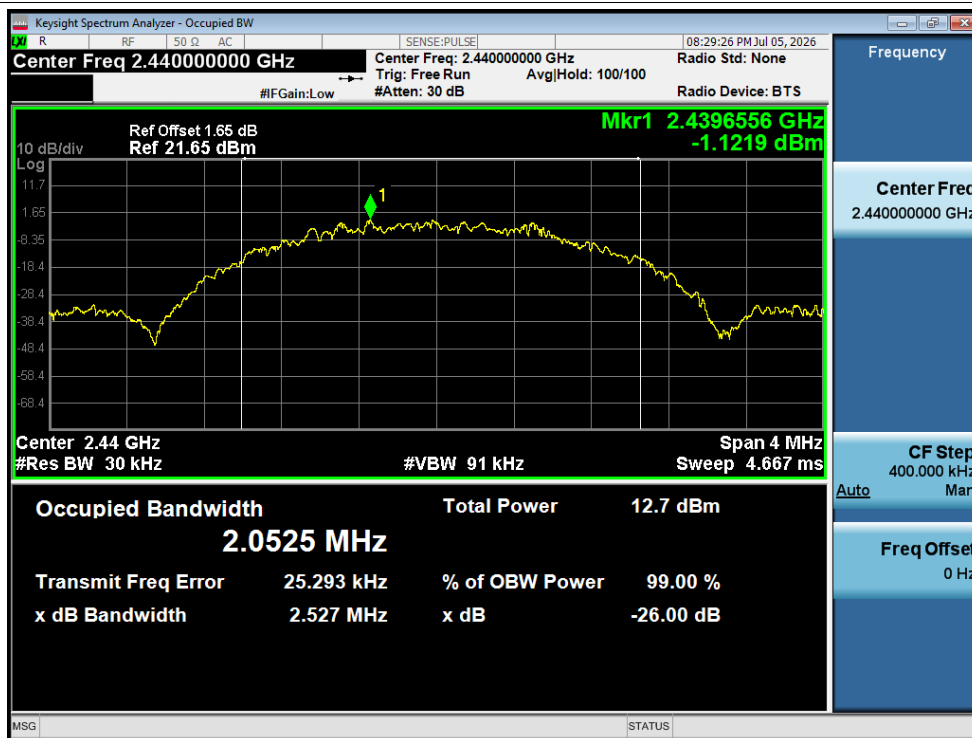
OBW NVNT BLE 1M 2440MHz Ant1



OBW NVNT BLE 1M 2480MHz Ant1



OBW NVNT BLE 2M 2402MHz Ant1



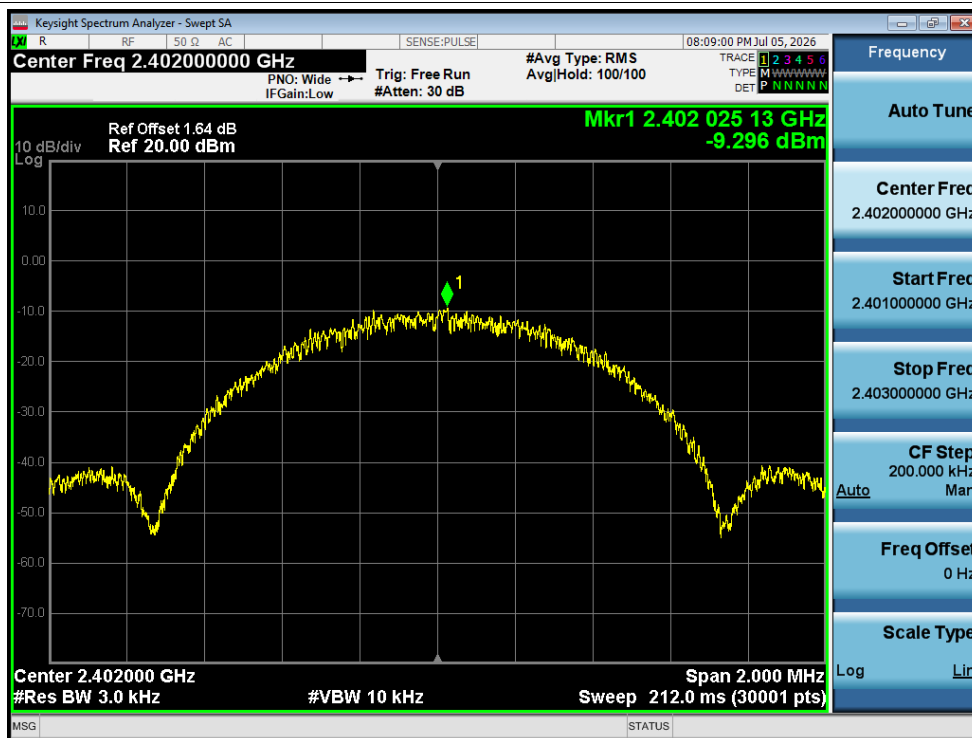
OBW NVNT BLE 2M 2440MHz Ant1



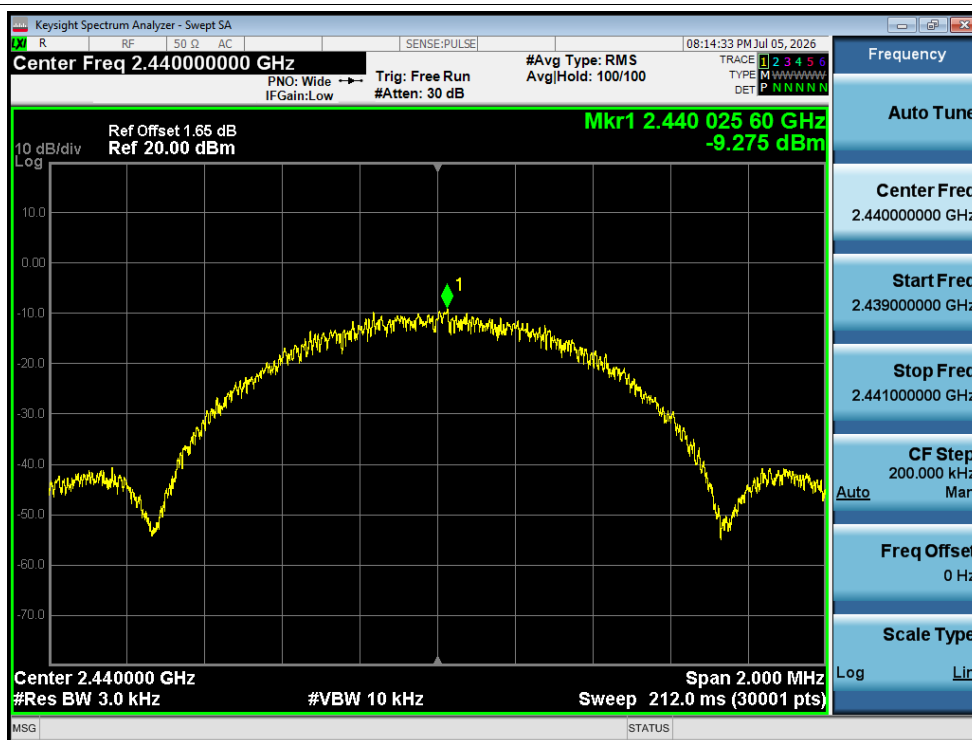
OBW NVNT BLE 2M 2480MHz Ant1

Maximum Power Spectral Density Level

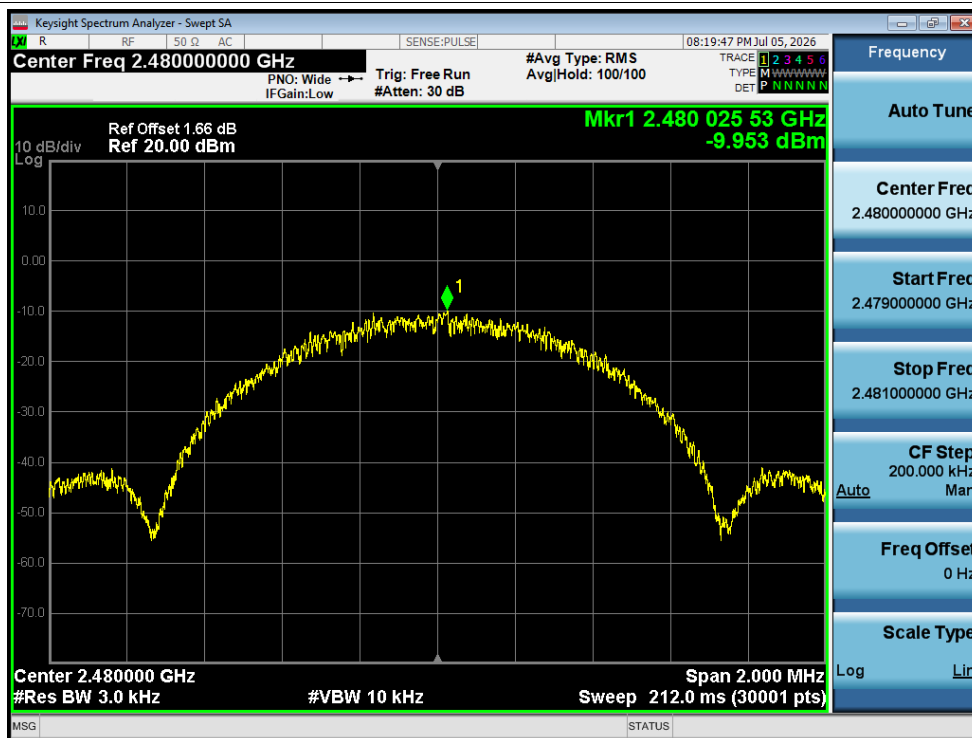
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-9.3	8	Pass
NVNT	BLE 1M	2440	Ant1	-9.28	8	Pass
NVNT	BLE 1M	2480	Ant1	-9.95	8	Pass
NVNT	BLE 2M	2402	Ant1	-12.5	8	Pass
NVNT	BLE 2M	2440	Ant1	-12.44	8	Pass
NVNT	BLE 2M	2480	Ant1	-13.05	8	Pass



PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1



PSD NVNT BLE 1M 2480MHz Ant1



PSD NVNT BLE 2M 2402MHz Ant1



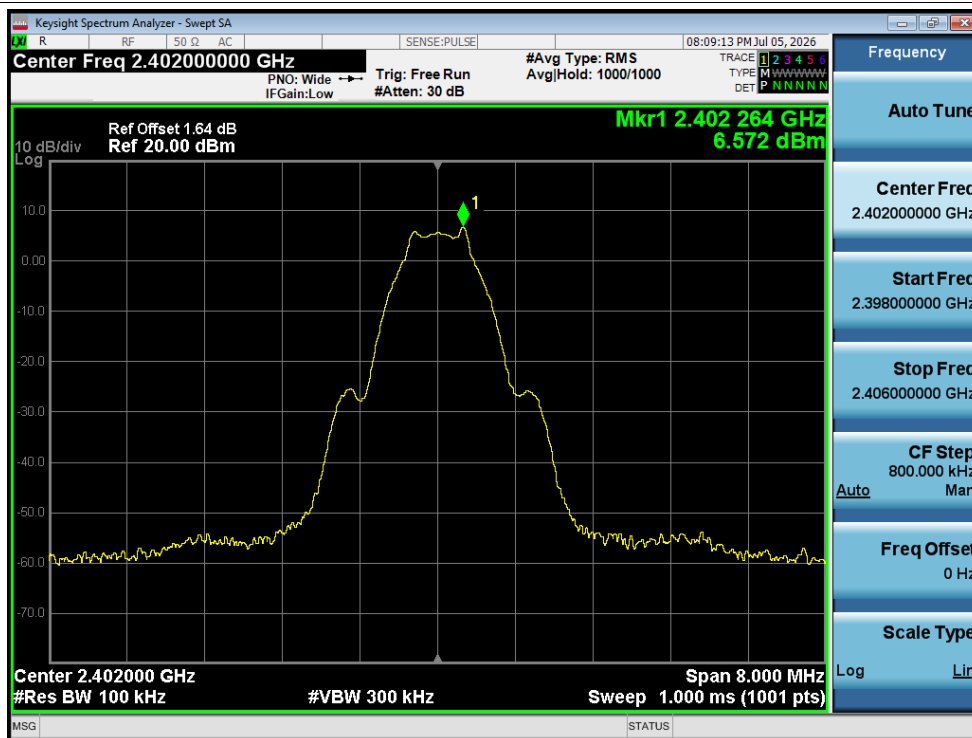
PSD NVNT BLE 2M 2440MHz Ant1



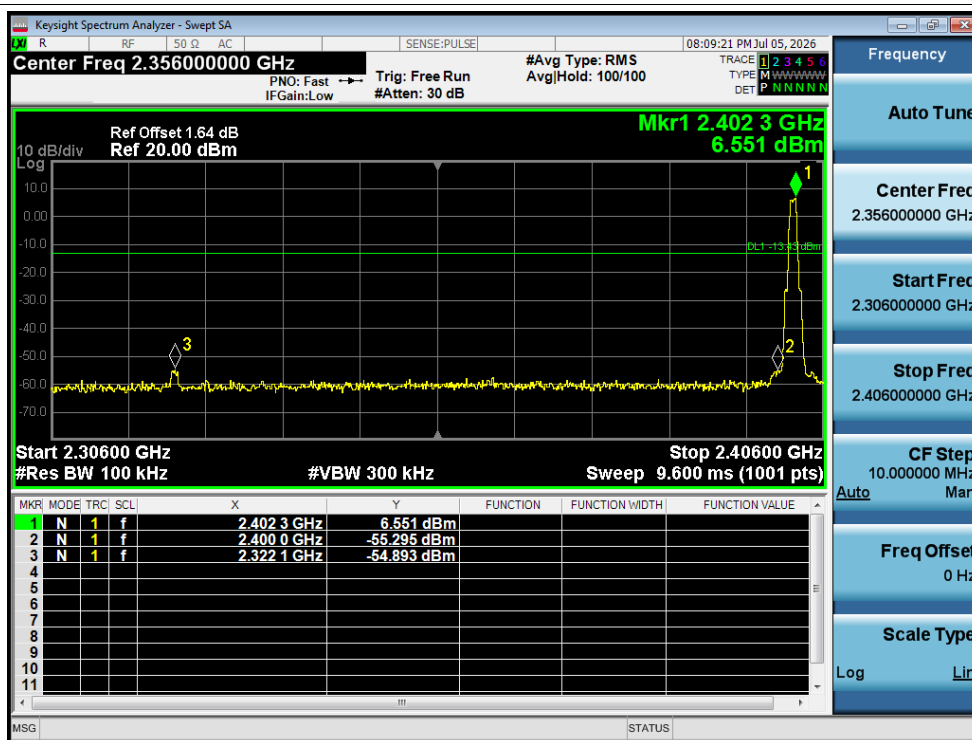
PSD NVNT BLE 2M 2480MHz Ant1

Band Edge

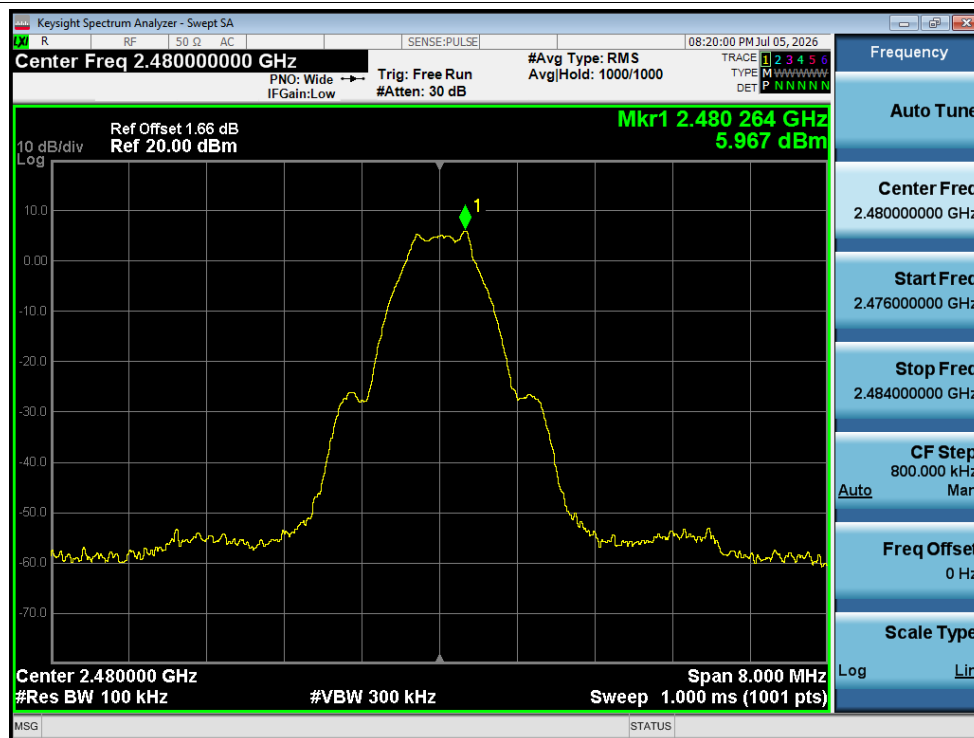
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-61.46	-20	Pass
NVNT	BLE 1M	2480	Ant1	-63.57	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.96	-20	Pass
NVNT	BLE 2M	2480	Ant1	-62.58	-20	Pass



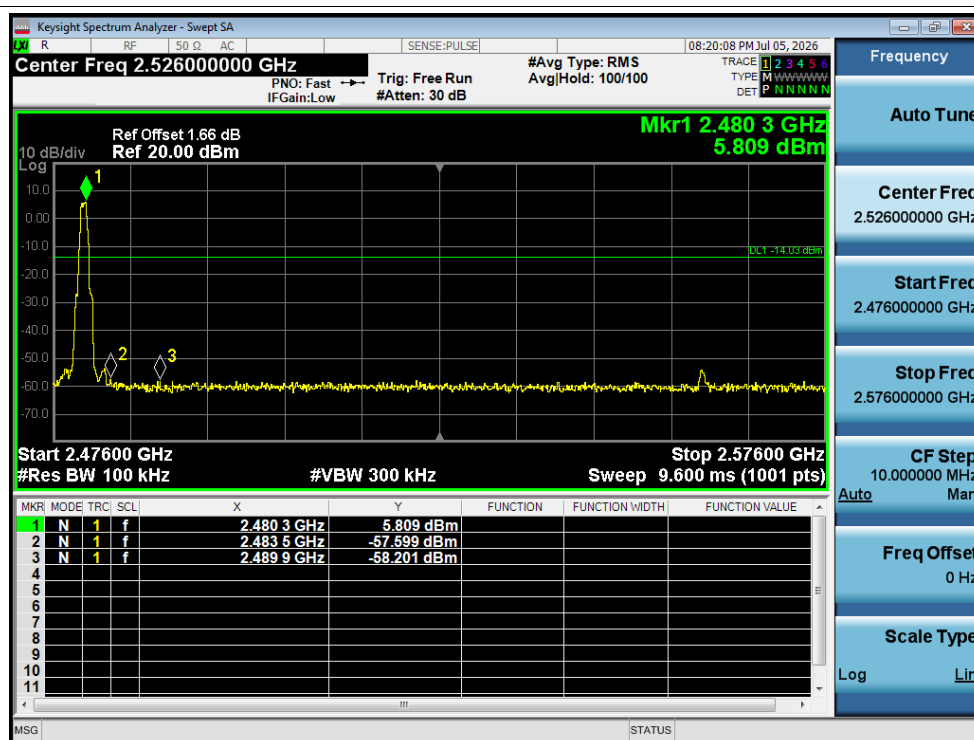
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



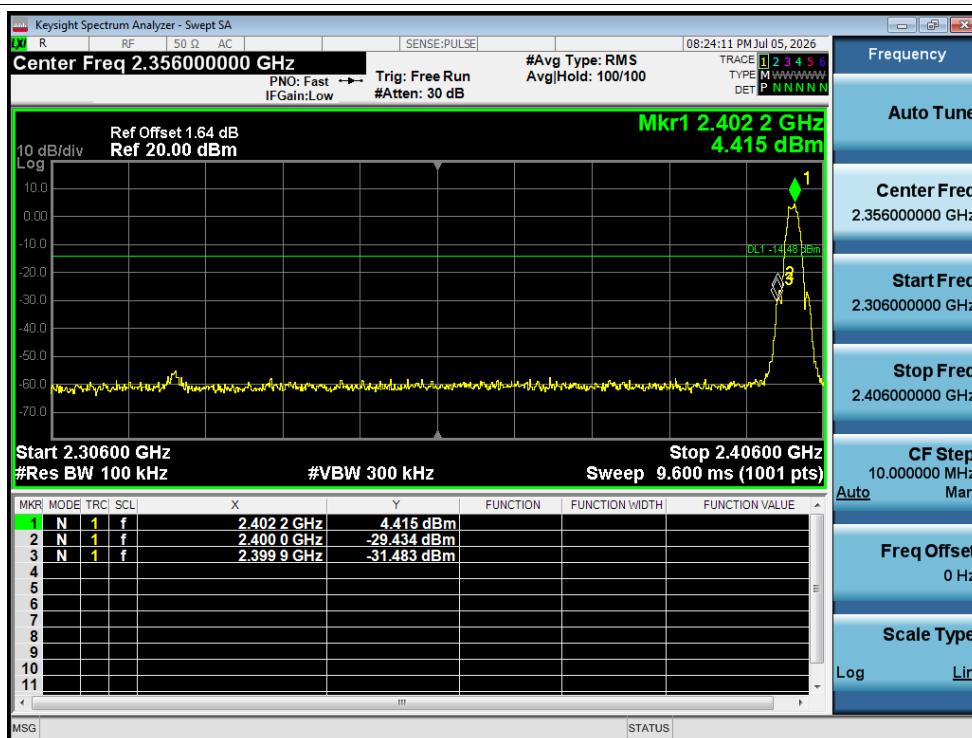
Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



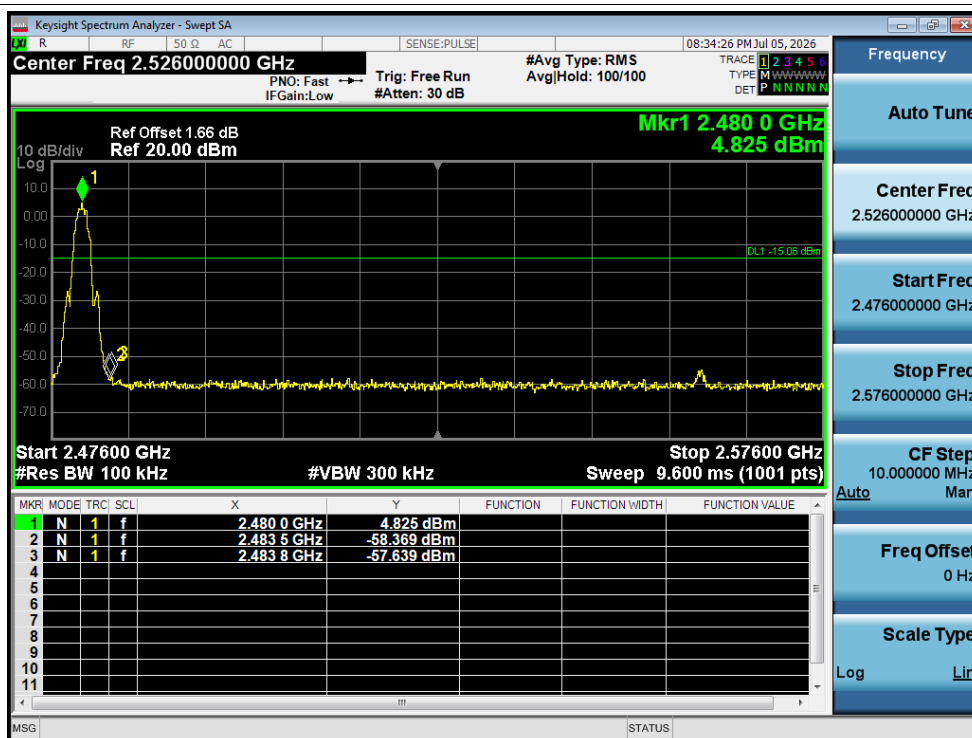
Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



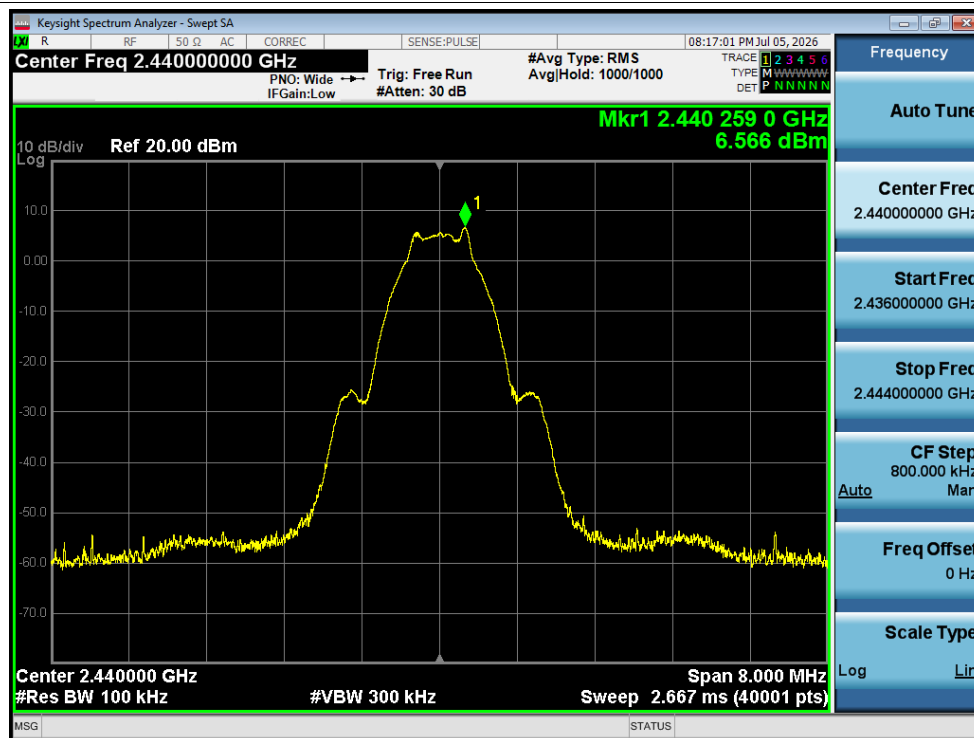
Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



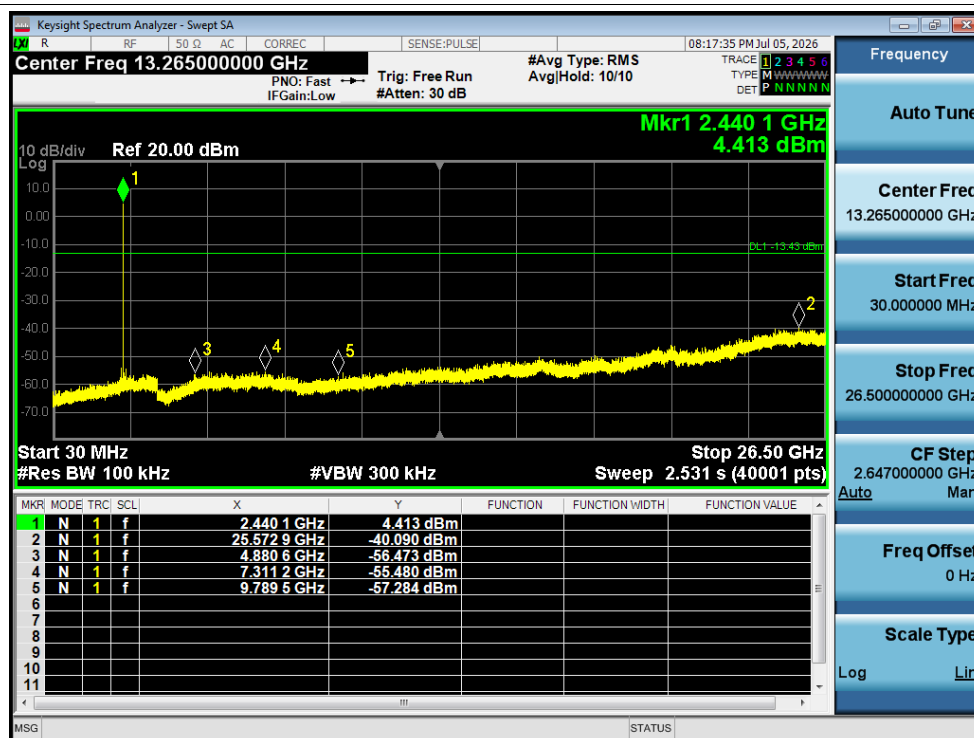
Band Edge NVNT BLE 2M 2480MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.41	-20	Pass
NVNT	BLE 1M	2440	Ant1	-46.66	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.01	-20	Pass
NVNT	BLE 2M	2402	Ant1	-45.35	-20	Pass
NVNT	BLE 2M	2440	Ant1	-45.66	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.16	-20	Pass



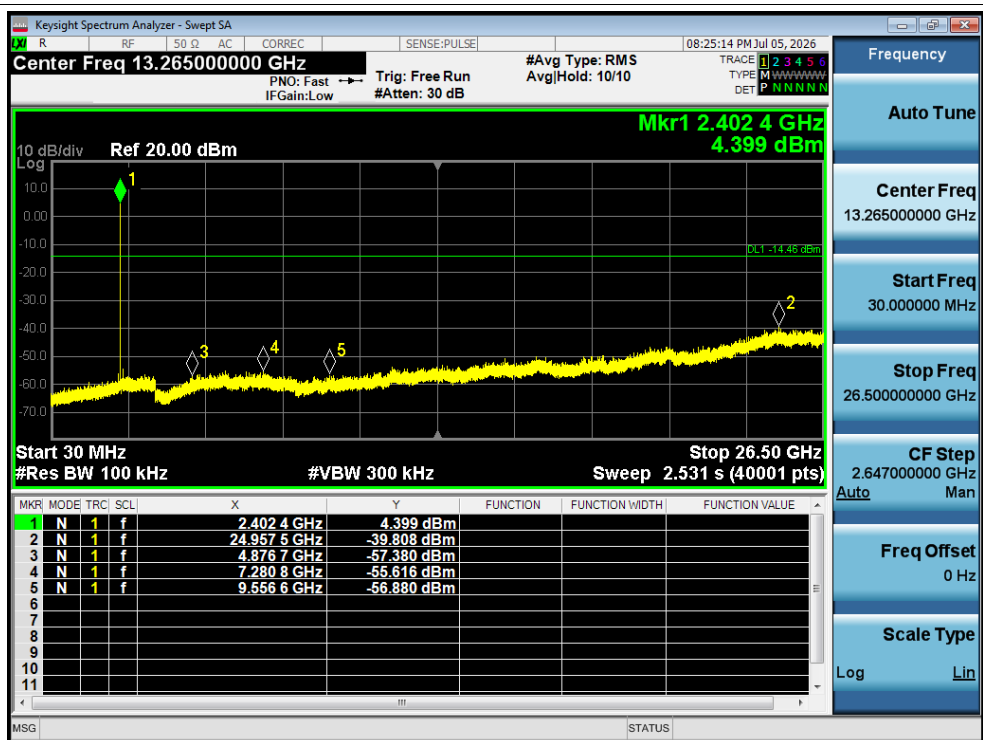
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



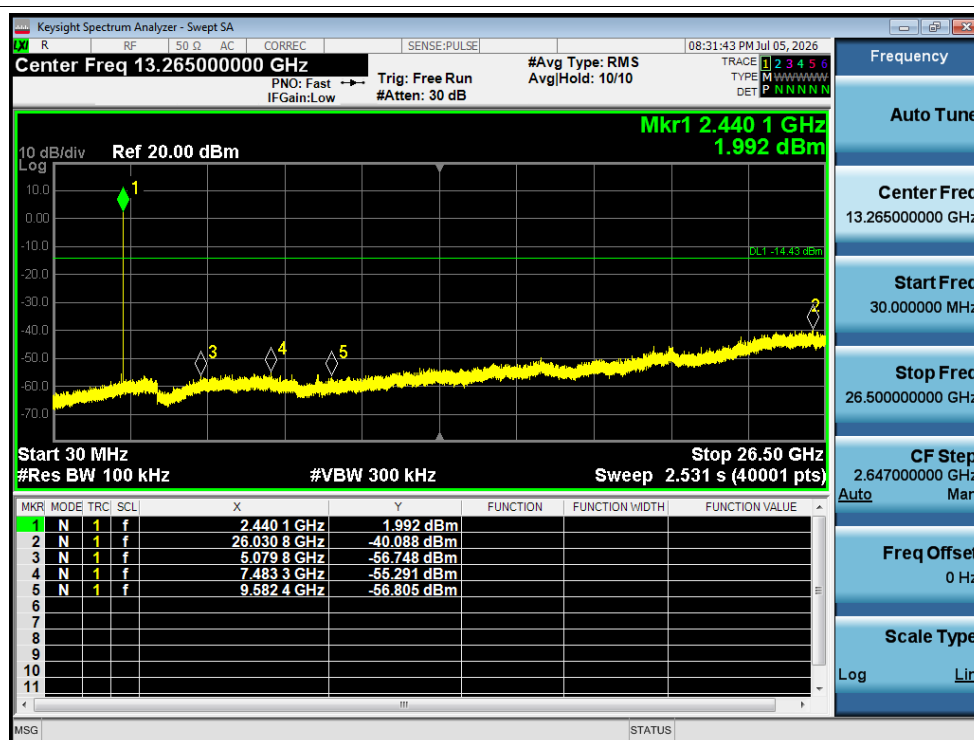
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref

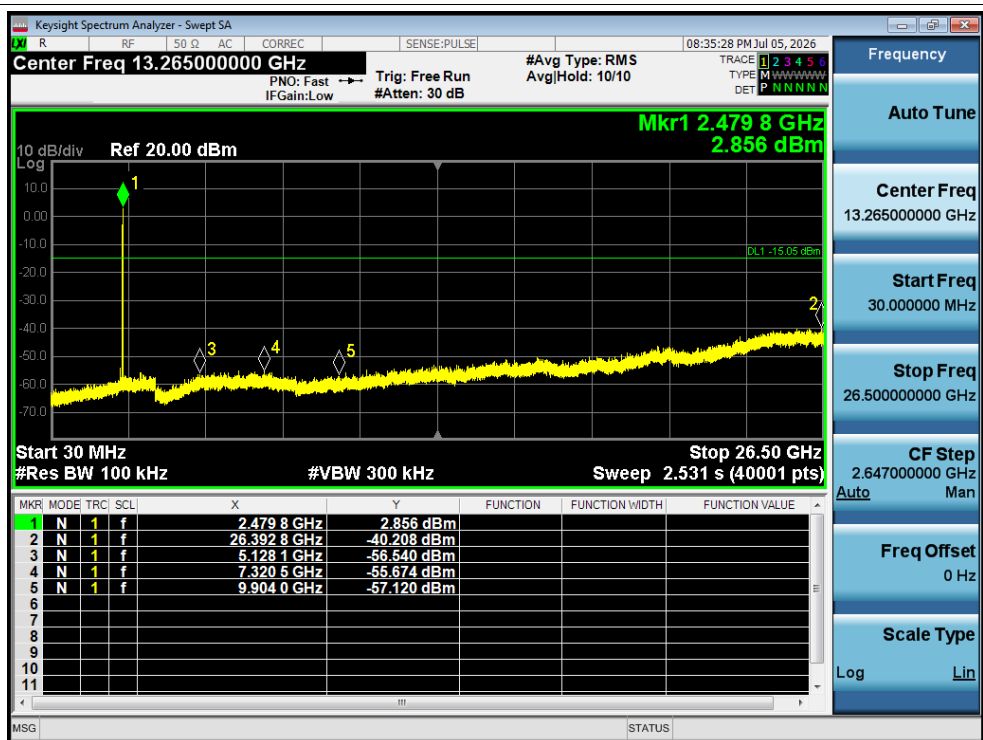


Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission





Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission