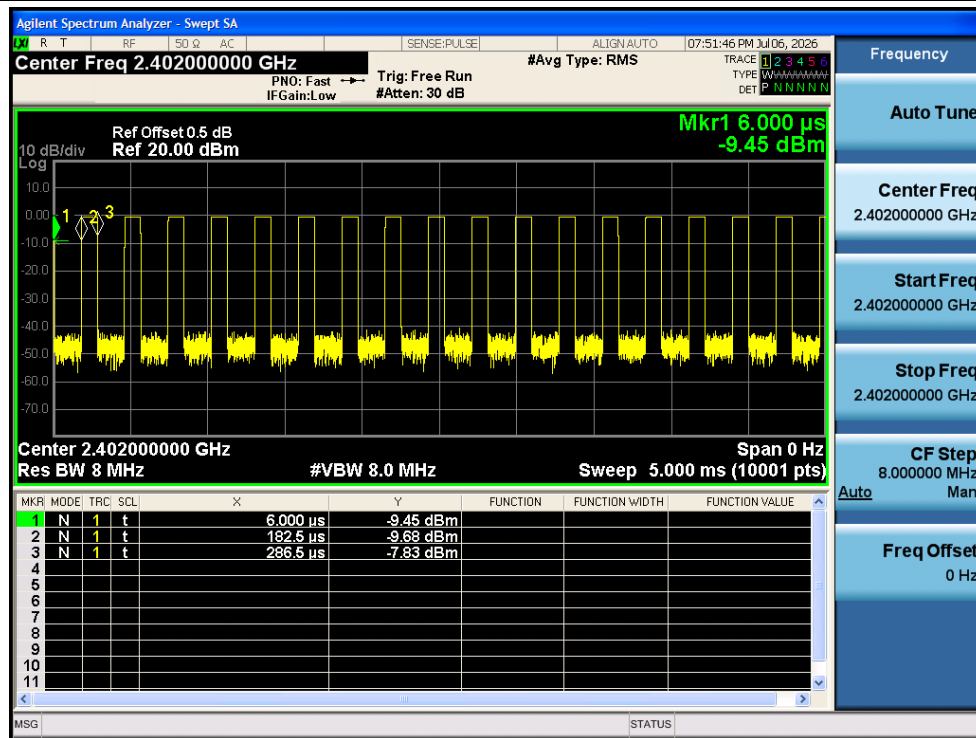


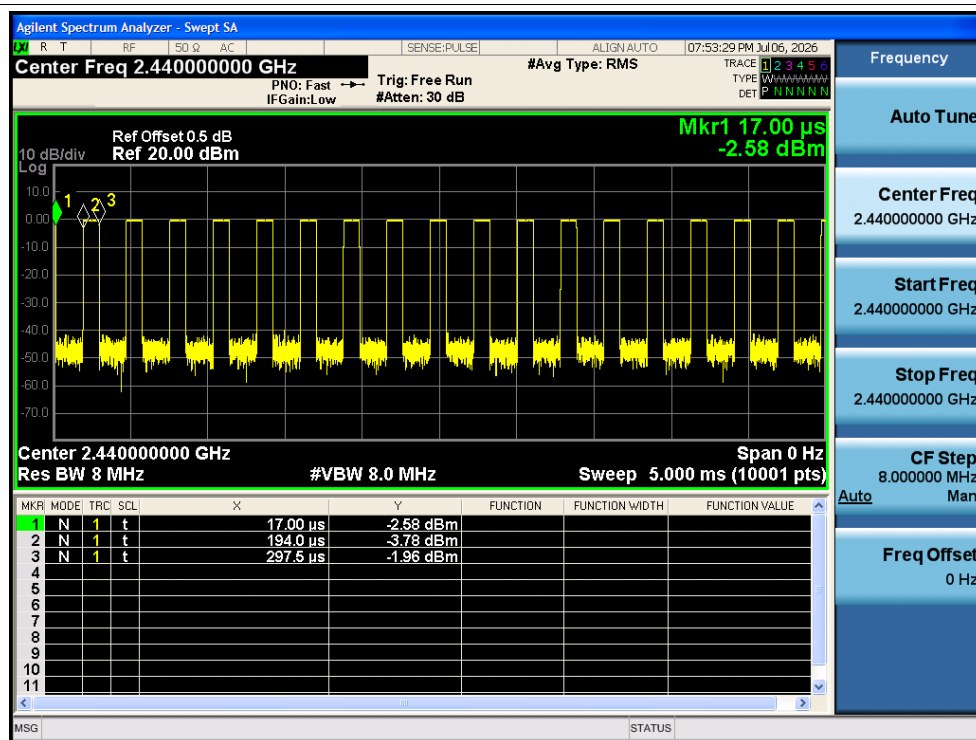
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	37.08	4.31	9.62
NVNT	BLE 1M	2440	Ant1	36.9	4.33	9.66
NVNT	BLE 1M	2480	Ant1	37.01	4.32	9.62

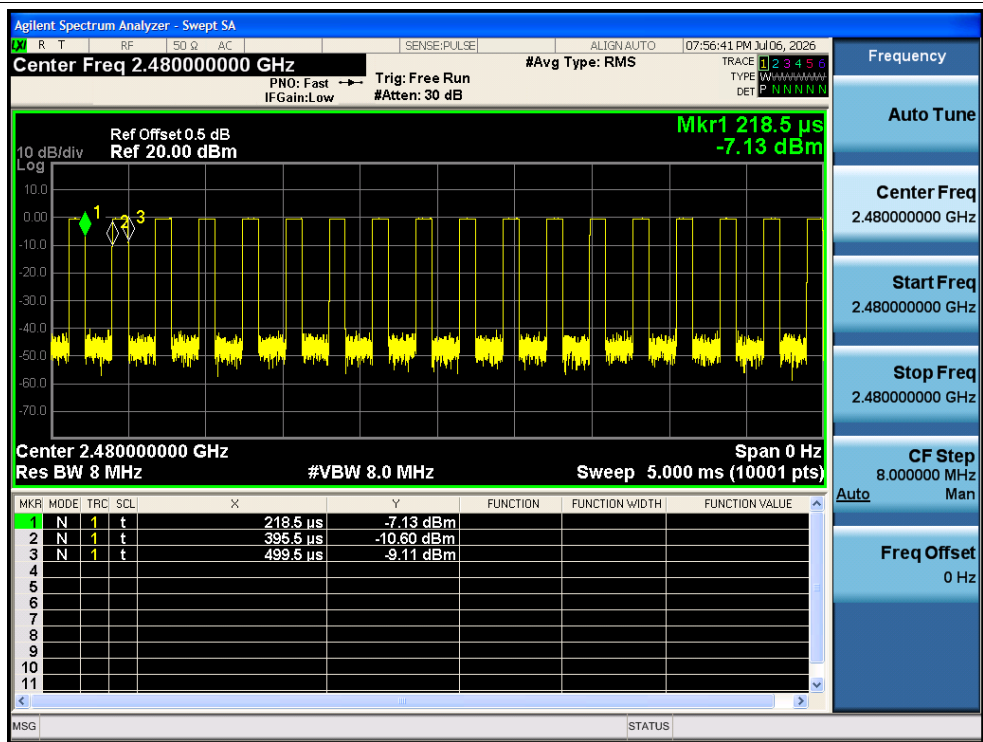
Report



Duty Cycle NVNT BLE 1M 2402MHz Ant1



Duty Cycle NVNT BLE 1M 2440MHz Ant1

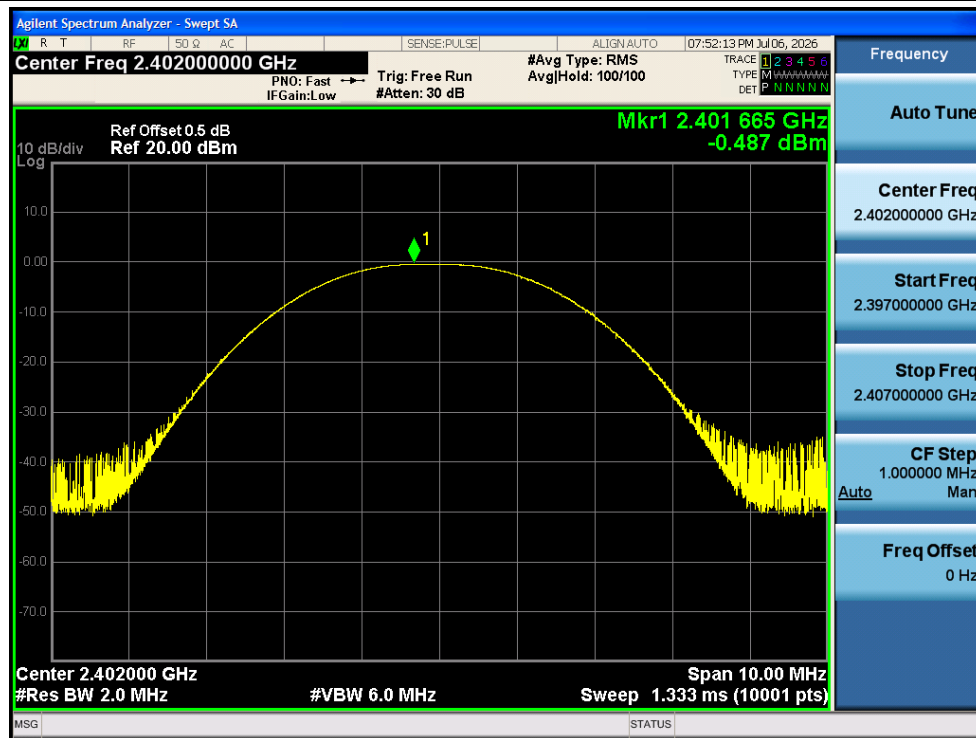


Duty Cycle NVNT BLE 1M 2480MHz Ant1

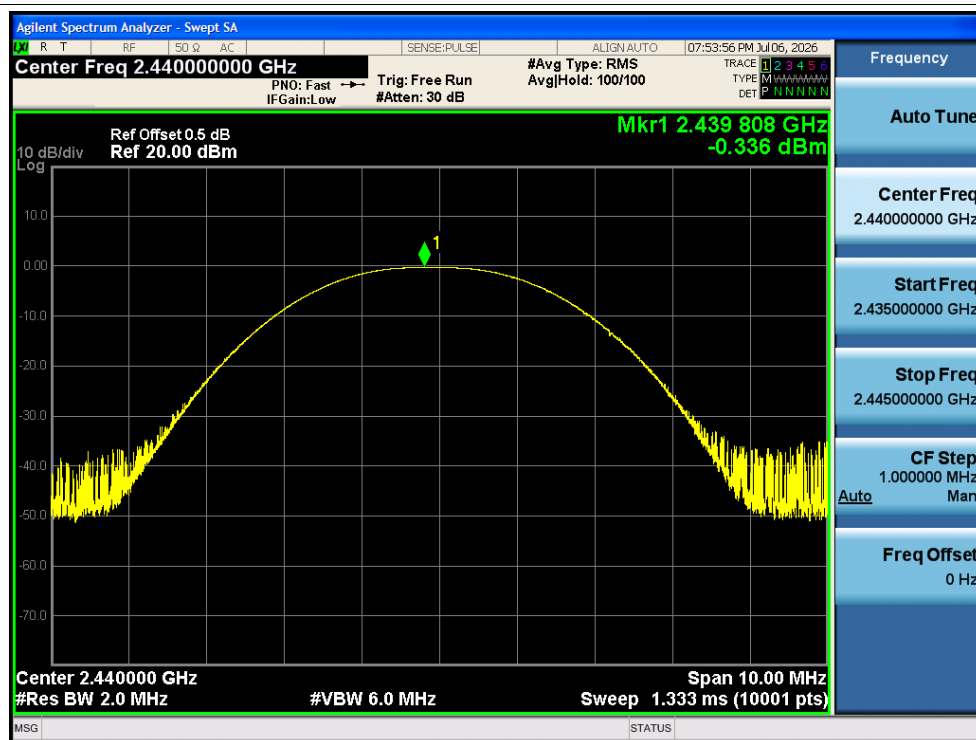
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.49	0.00089	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.34	0.00092	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.39	0.00091	30	Pass

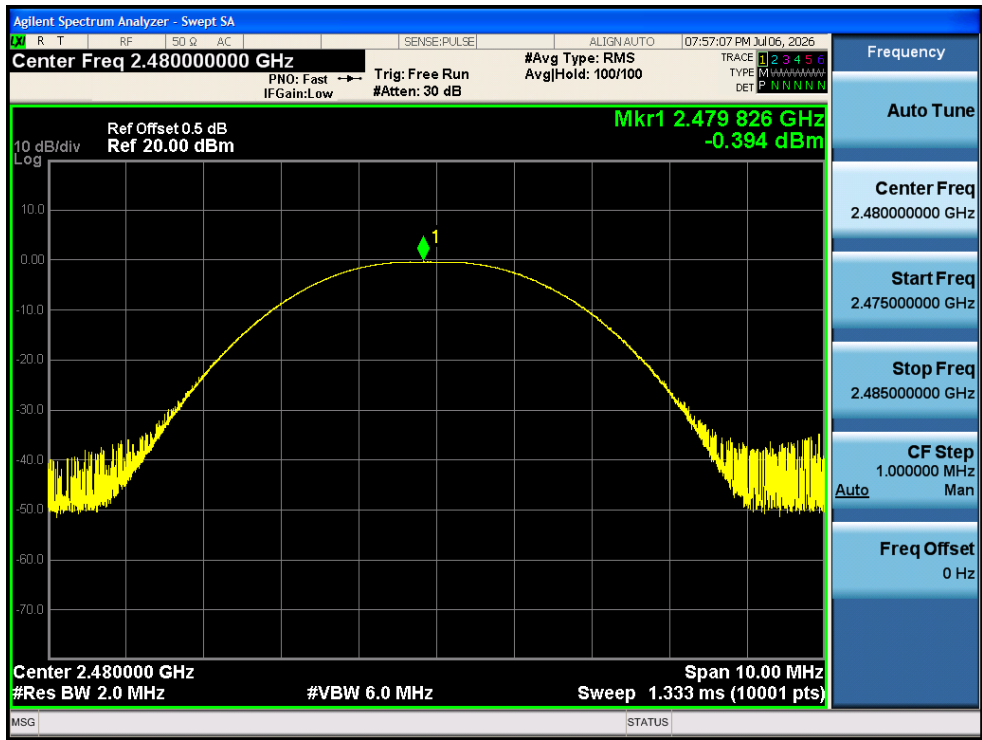
Report



Peak Power NVNT BLE 1M 2402MHz Ant1



Peak Power NVNT BLE 1M 2440MHz Ant1

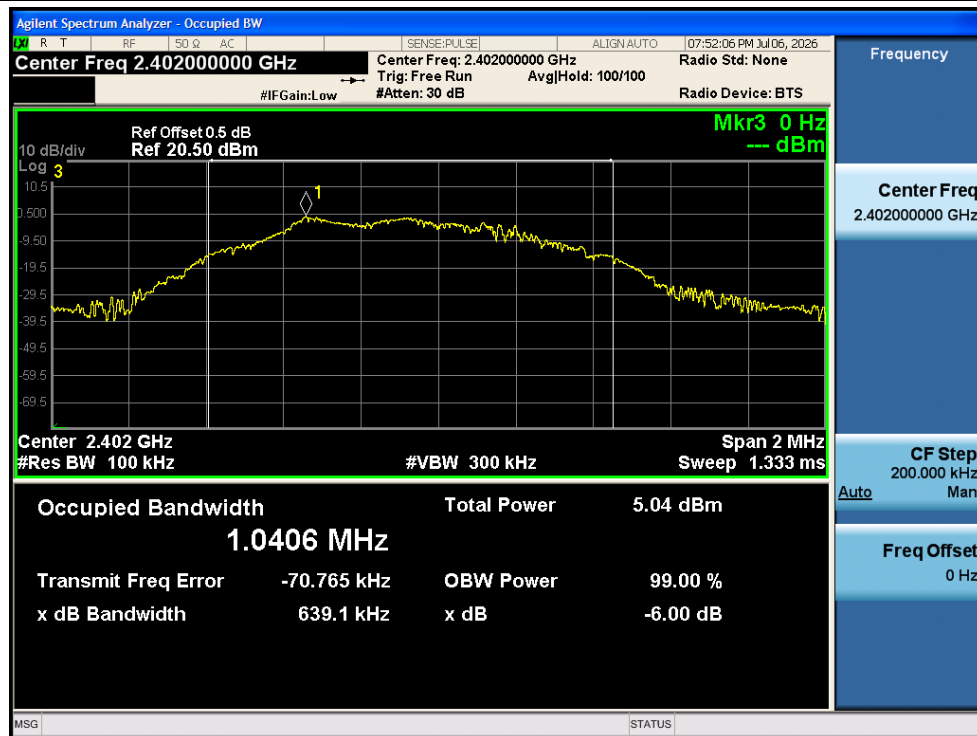


Peak Power NVNT BLE 1M 2480MHz Ant1

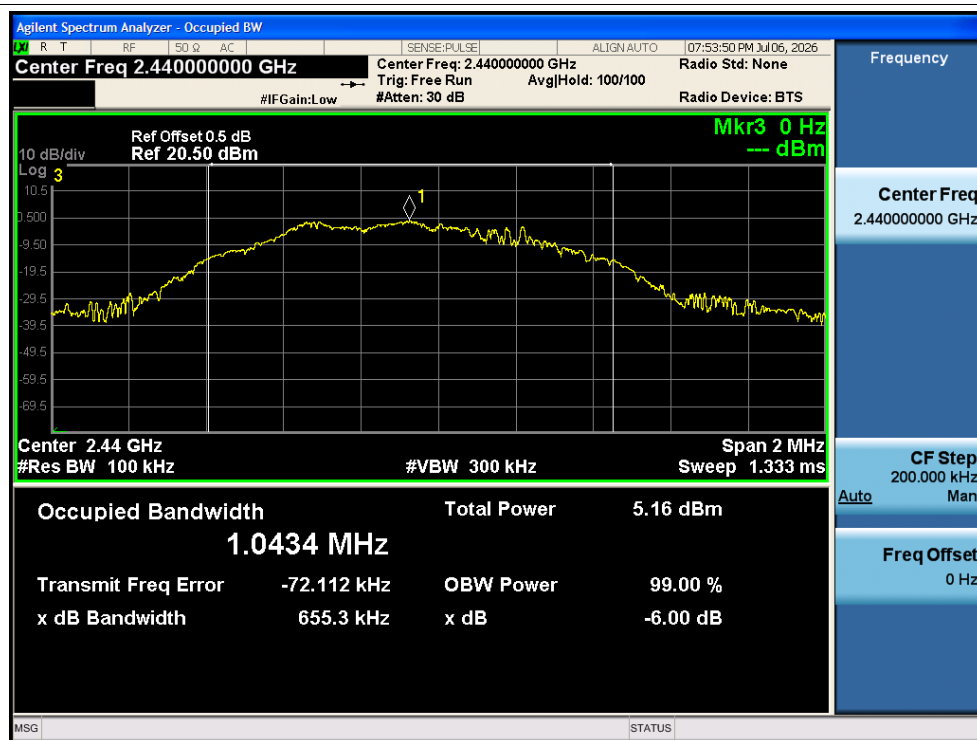
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.6390731447	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.6553024455	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.6171757962	0.5	Pass

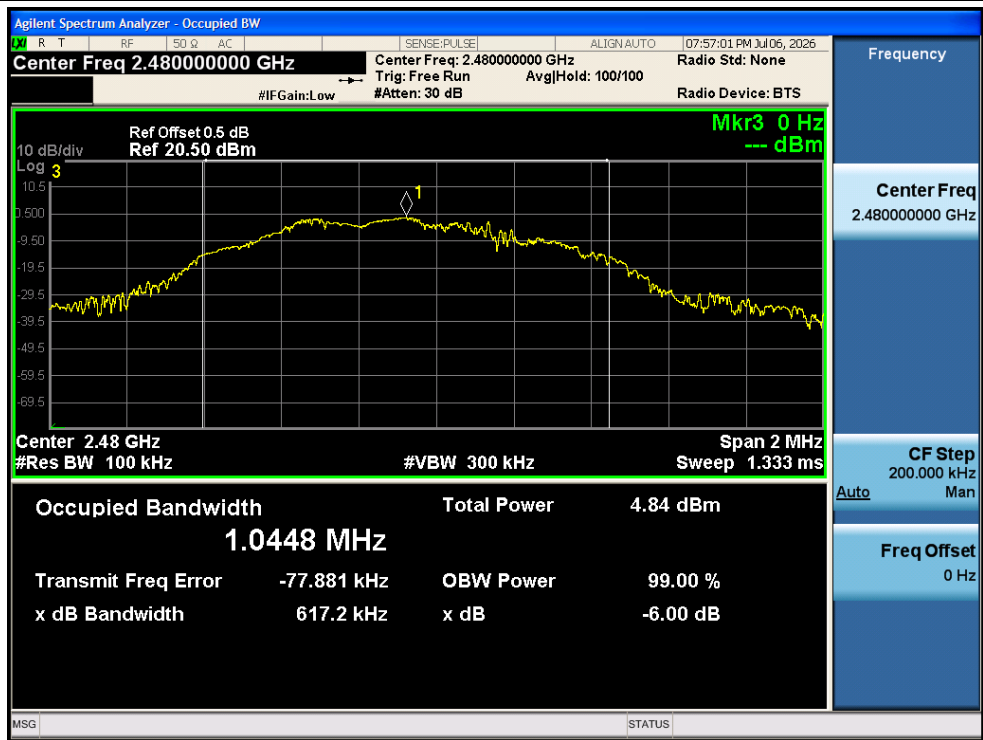
Report



-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.0165
NVNT	BLE 1M	2440	Ant1	1.0113
NVNT	BLE 1M	2480	Ant1	1.0117

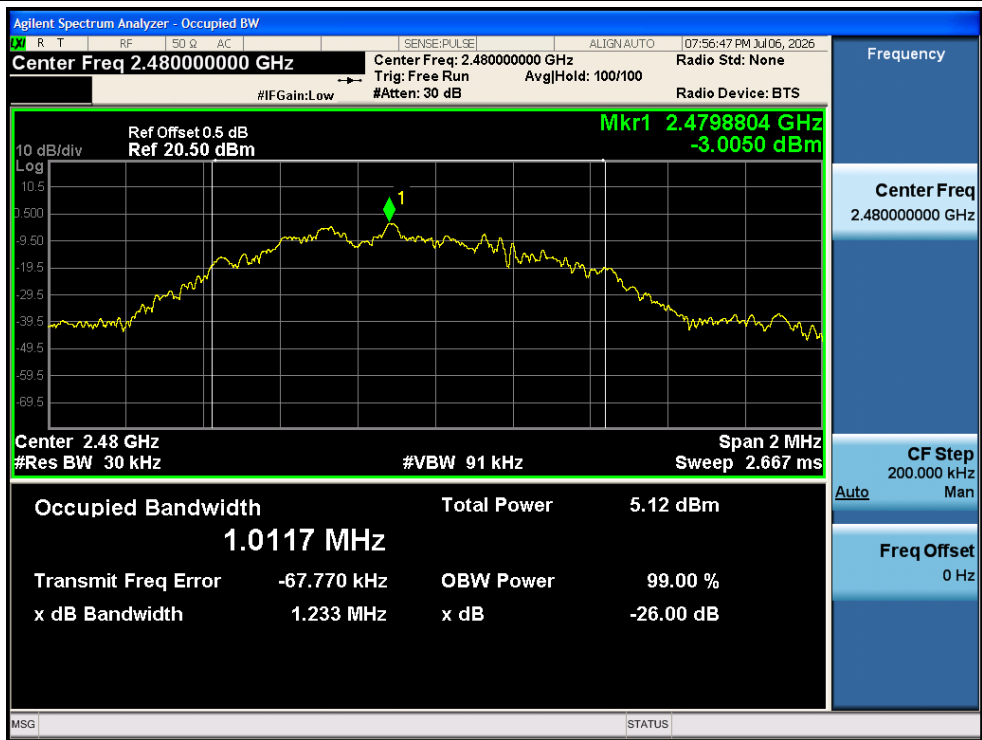
Report



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1



OBW NVNT BLE 1M 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	-15.4	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.51	8	Pass
NVNT	BLE 1M	2480	Ant1	-15.59	8	Pass

Report



PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1



PSD NVNT BLE 1M 2480MHz Ant1

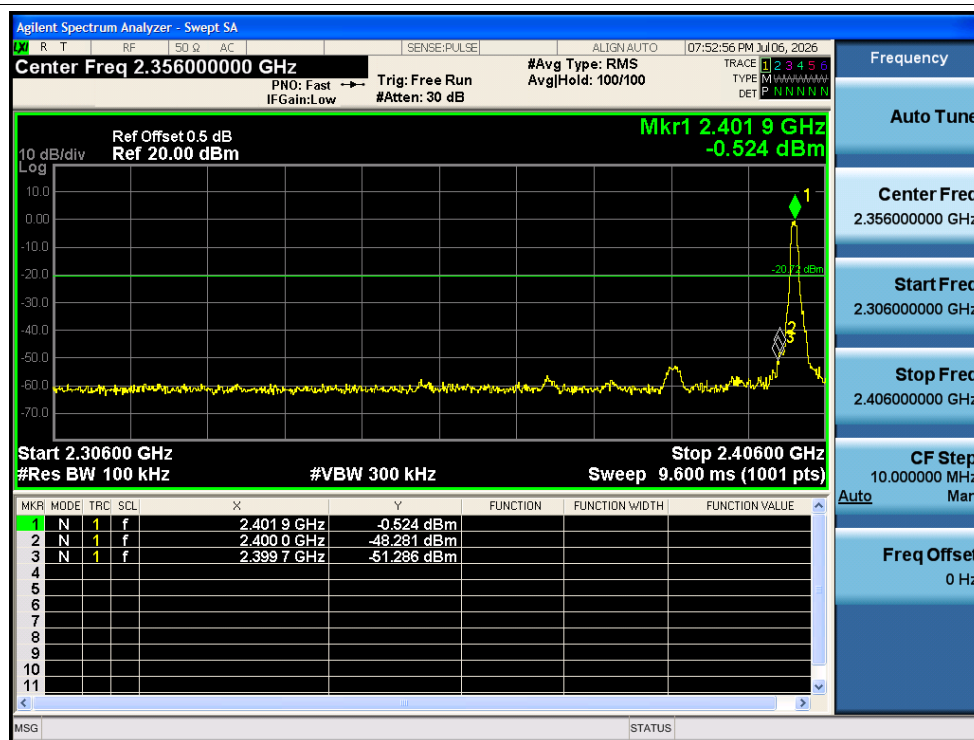
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-47.56	-20	Pass
NVNT	BLE 1M	2480	Ant1	-53.22	-20	Pass

Report

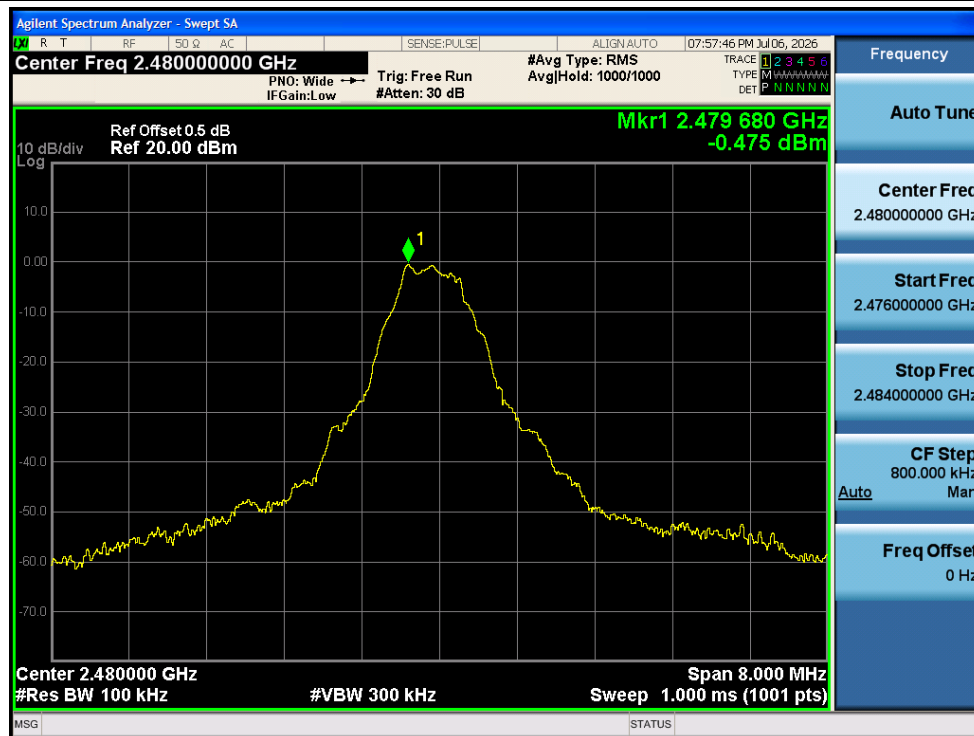


Band Edge NVNT BLE 1M 2402MHz Ant1 Ref

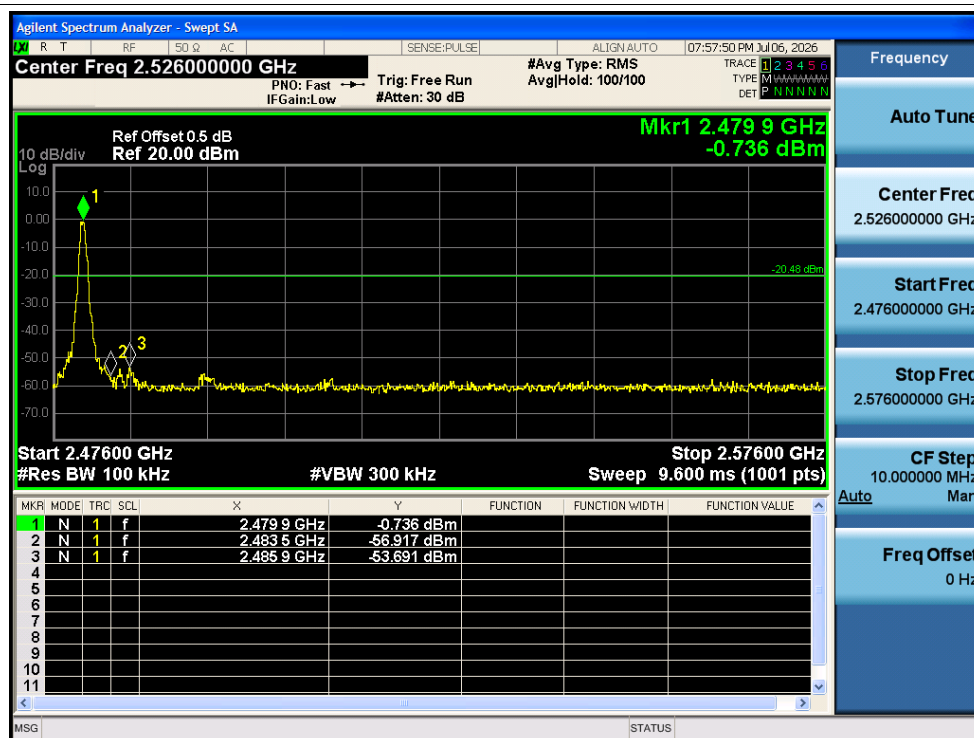


Band Edge NVNT BLE 1M 2402MHz Ant1 Emission

Report



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



Band Edge NVNT BLE 1M 2480MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-37.69	-20	Pass
NVNT	BLE 1M	2440	Ant1	-36.5	-20	Pass
NVNT	BLE 1M	2480	Ant1	-38.71	-20	Pass

Agilent Spectrum Analyzer - Swept SA

Center Freq 13.265000000 GHz

Ref 10.00 dBm

Mkr1 2.401 7 GHz
-0.985 dBm

Start 30 MHz
#Res BW 100 kHz

Stop 26.5 GHz
#VBW 300 kHz
Sweep 2.531 s (40001 pts)

Frequency

Auto Tune

Center Freq
13.265000000 GHz

Start Freq
30.000000 MHz

Stop Freq
26.500000000 GHz

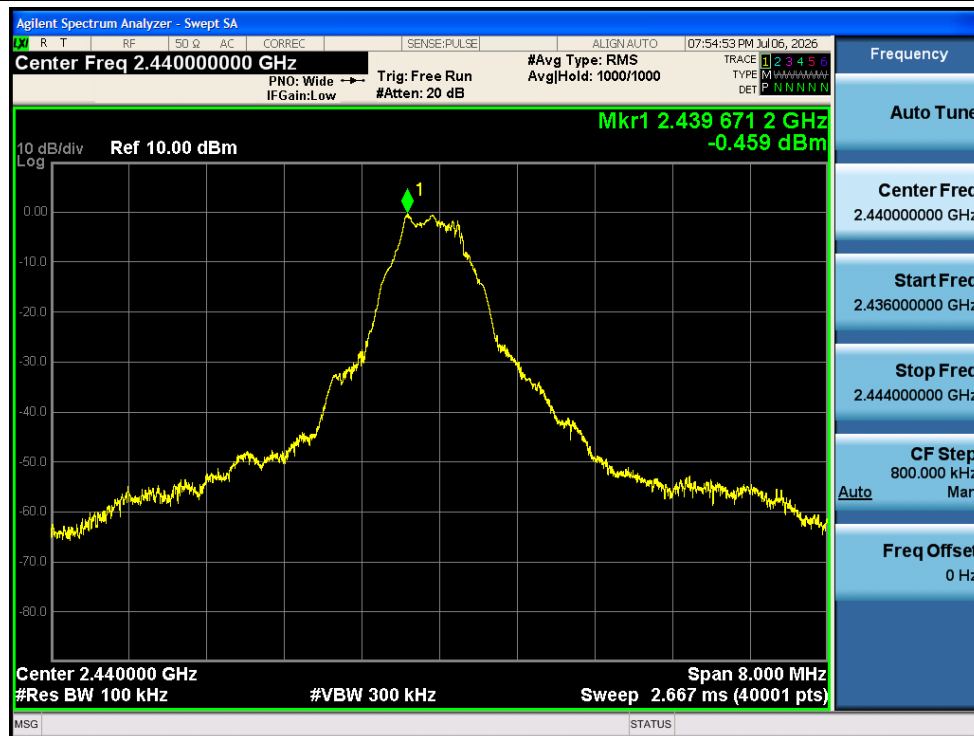
CF Step
2.647000000 GHz
Man

Freq Offset
0 Hz

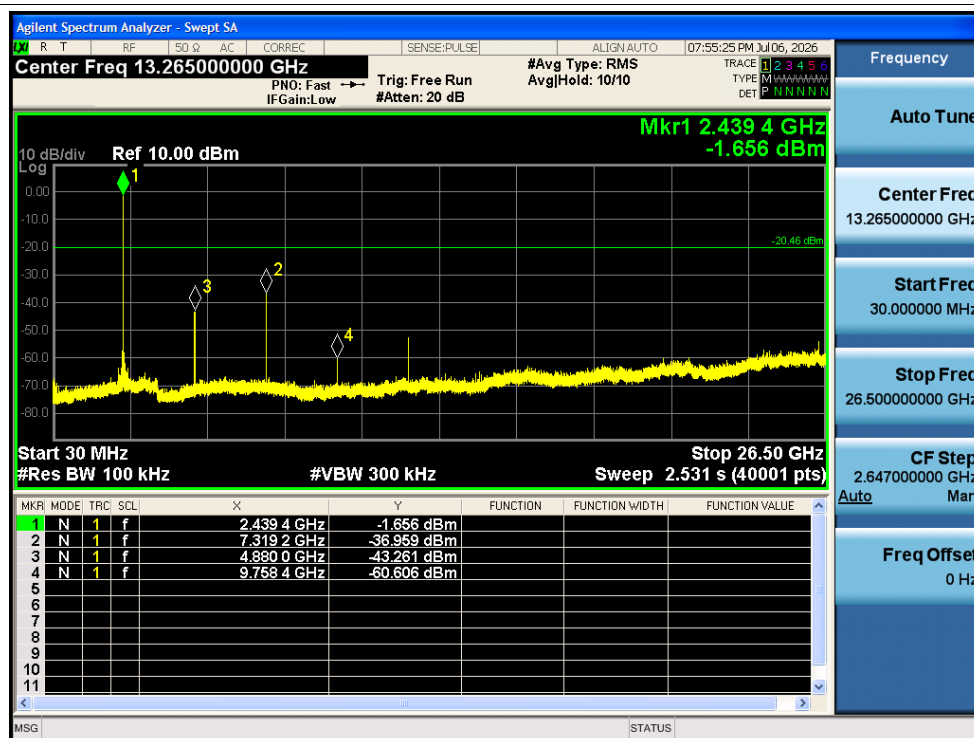
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.401 7 GHz	-0.985 dBm			
2	N	1	f	7.206 0 GHz	-38.602 dBm			
3	N	1	f	4.803 2 GHz	-43.404 dBm			
4	N	1	f	9.606 8 GHz	-61.317 dBm			
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS



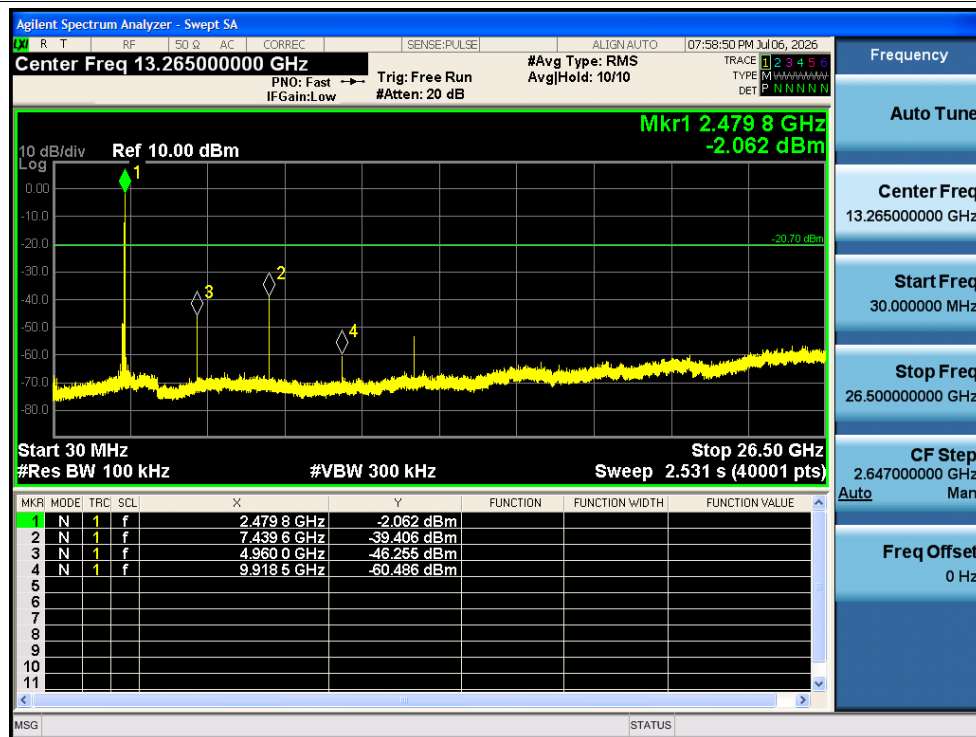
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission