

Yuanheng Innovation (Shenzhen) Technology Co., Ltd.

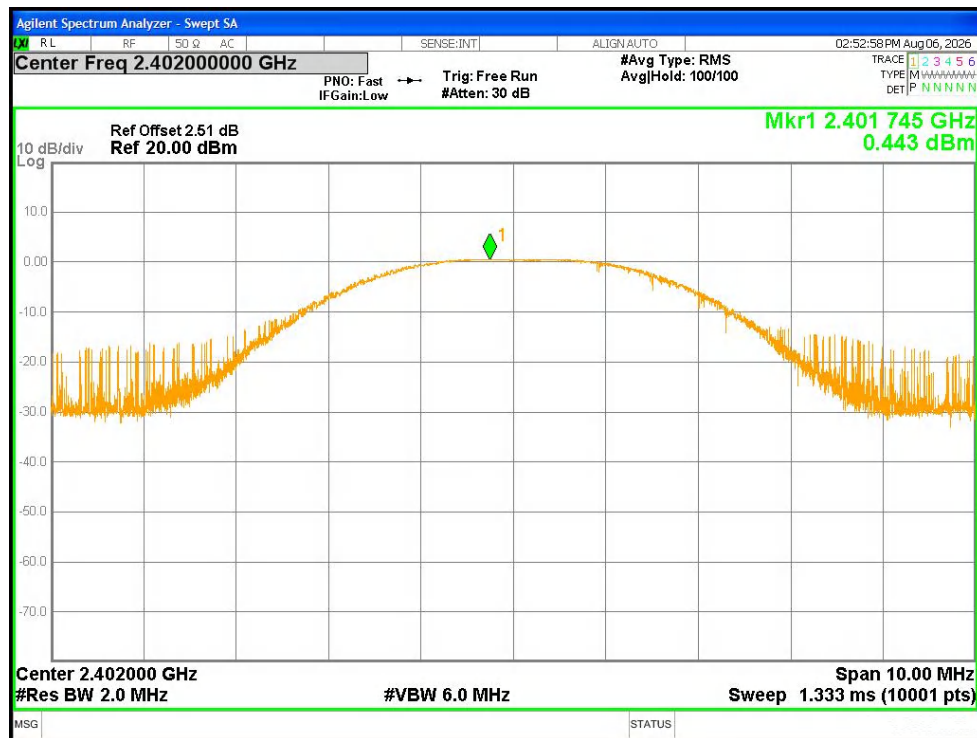
Model: Y-12

FCC ID: 2BVSV-Y-12

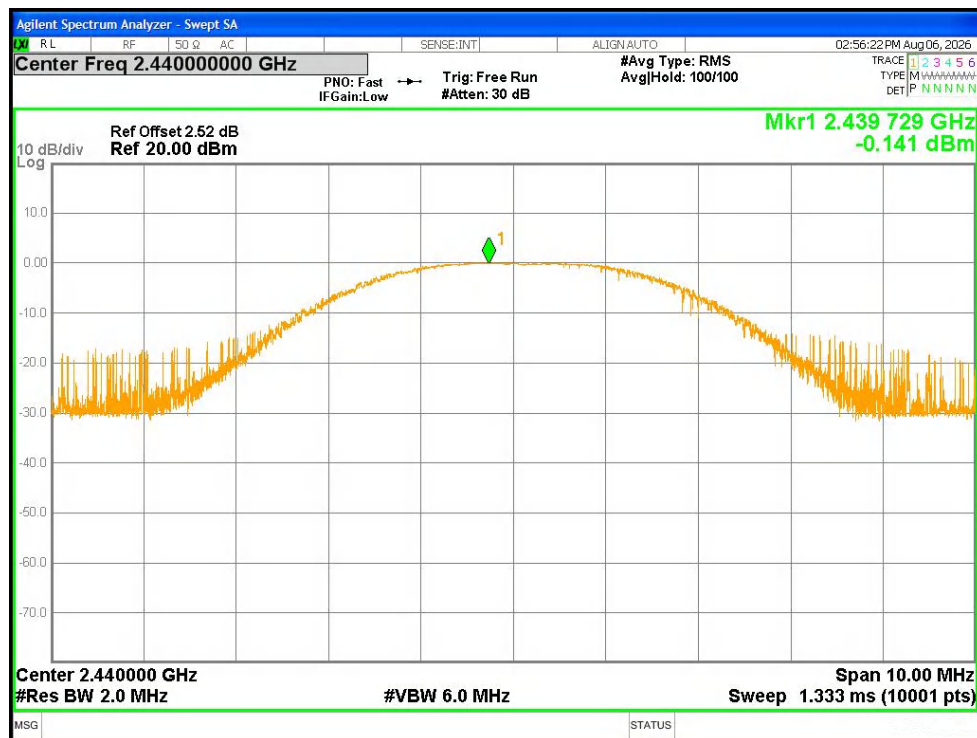
1. Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	2.4G	2402	Ant1	0.44	0.44	30	Pass
NVNT	2.4G	2440	Ant1	-0.14	-0.14	30	Pass
NVNT	2.4G	2480	Ant1	-0.79	-0.79	30	Pass

Report

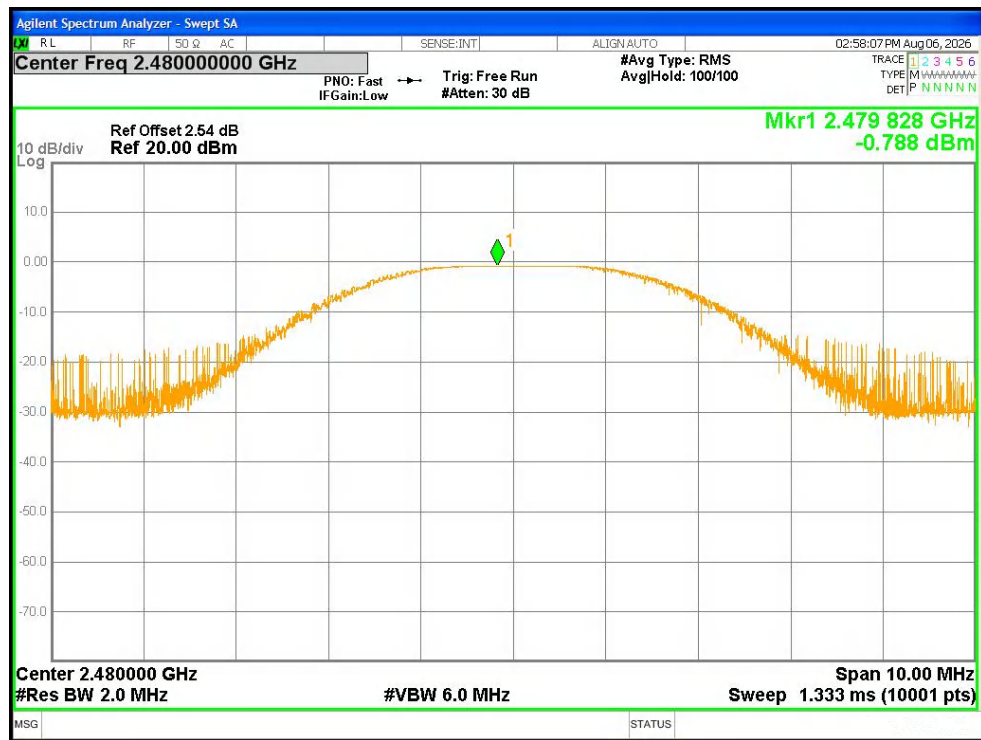


Peak Power NVNT 2.4G 2402MHz Ant1



Peak Power NVNT 2.4G 2440MHz Ant1

Report

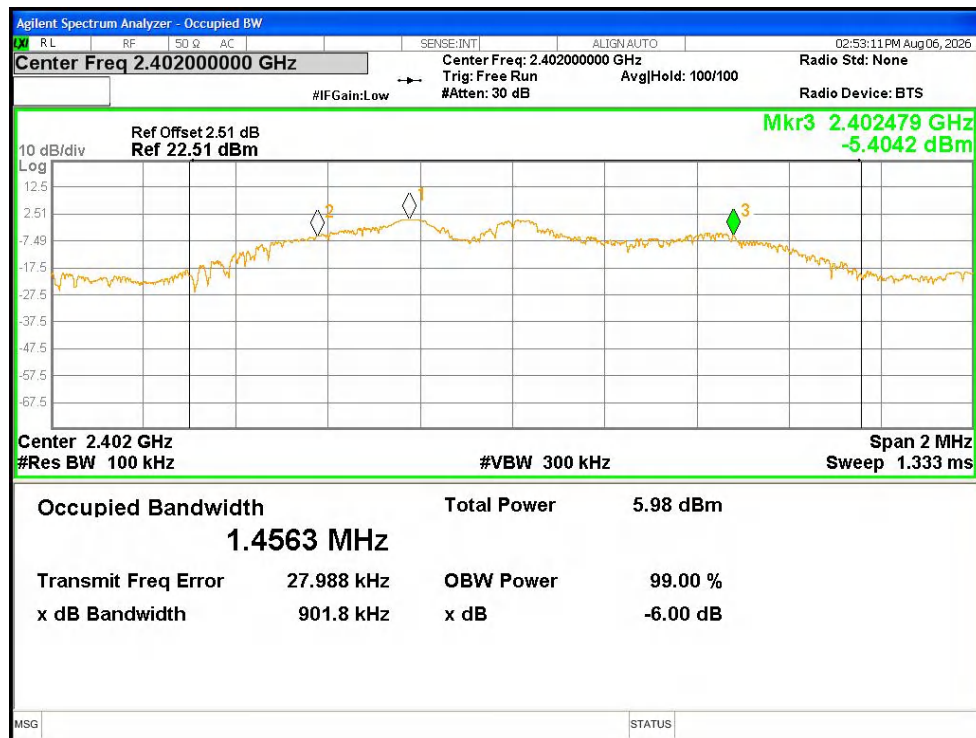


Peak Power NVNT 2.4G 2480MHz Ant1

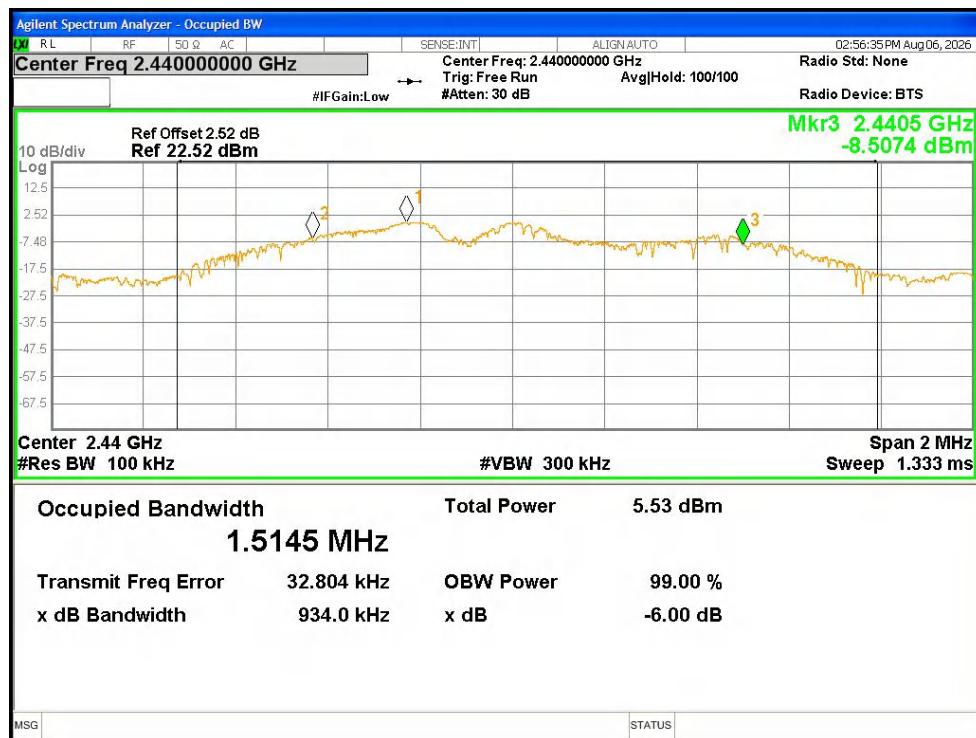
2. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	2.4G	2402	Ant1	0.902	0.5	Pass
NVNT	2.4G	2440	Ant1	0.934	0.5	Pass
NVNT	2.4G	2480	Ant1	0.937	0.5	Pass

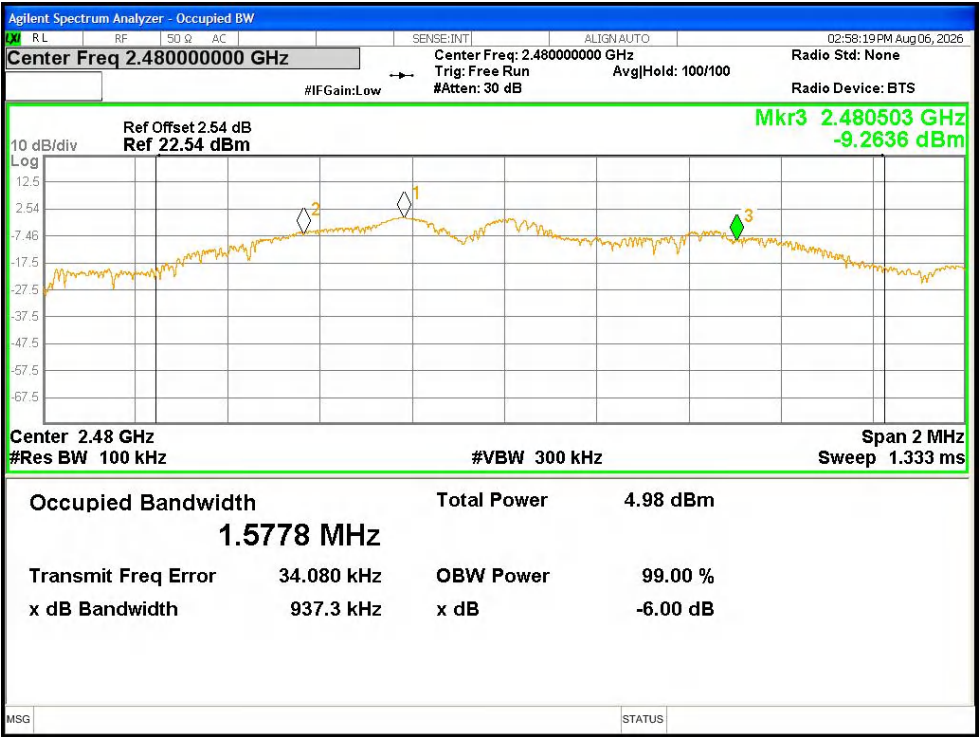
Report



-6dB Bandwidth NVNT 2.4G 2402MHz Ant1



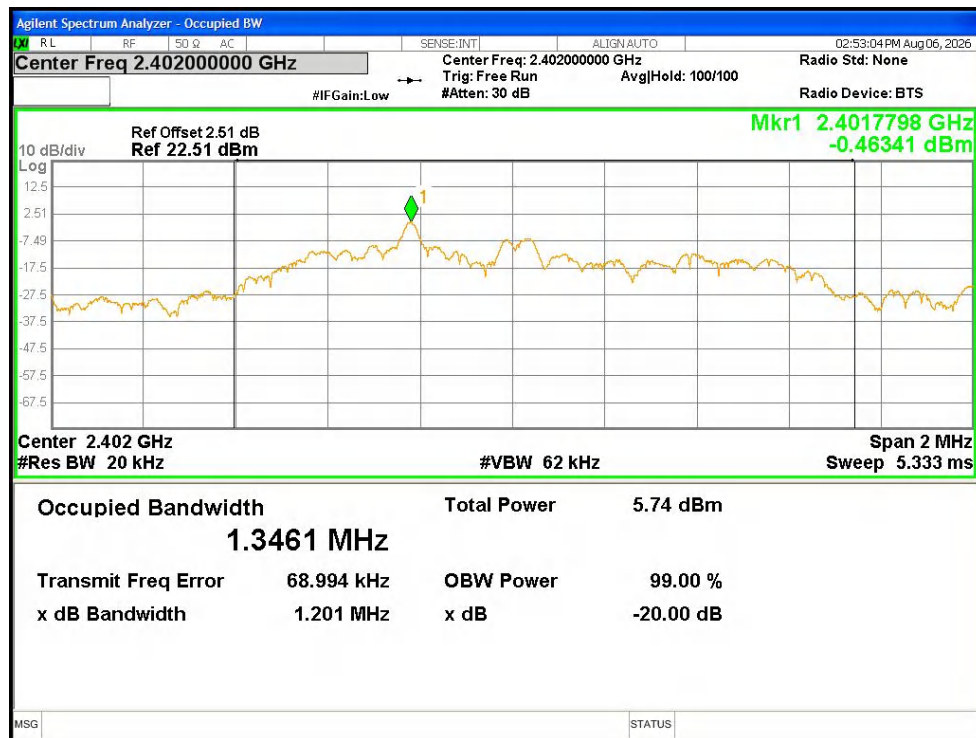
-6dB Bandwidth NVNT 2.4G 2440MHz Ant1



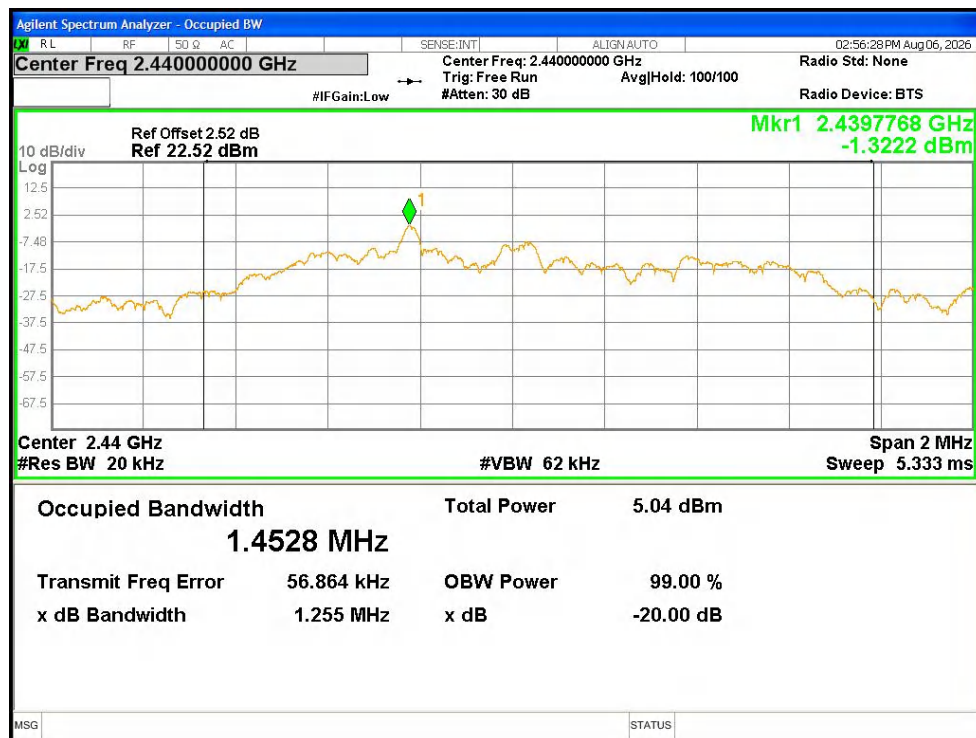
-6dB Bandwidth NVNT 2.4G 2480MHz Ant1

3. Occupied Channel Bandwidth

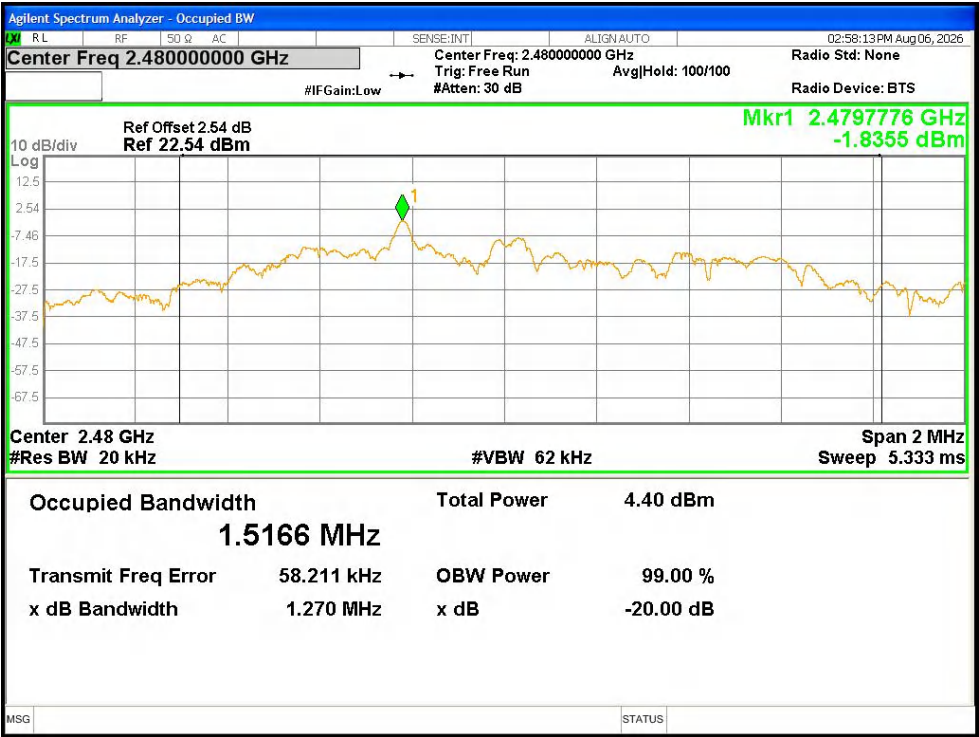
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	2.4G	2402	Ant1	1.346
NVNT	2.4G	2440	Ant1	1.453
NVNT	2.4G	2480	Ant1	1.517



OBW NVNT 2.4G 2402MHz Ant1



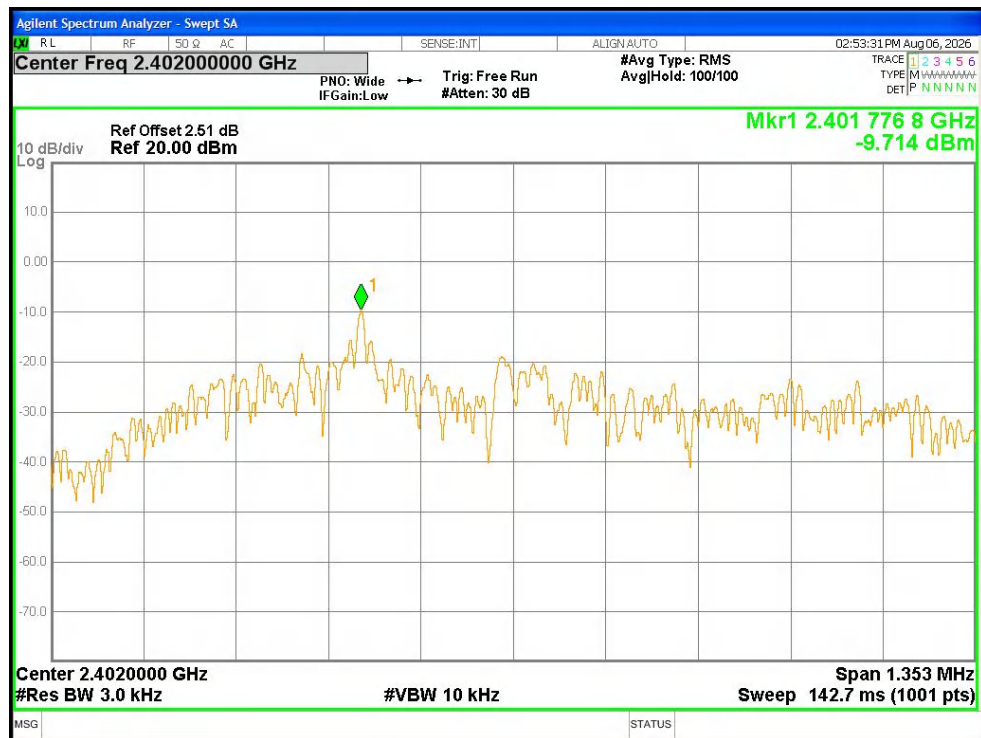
OBW NVNT 2.4G 2440MHz Ant1



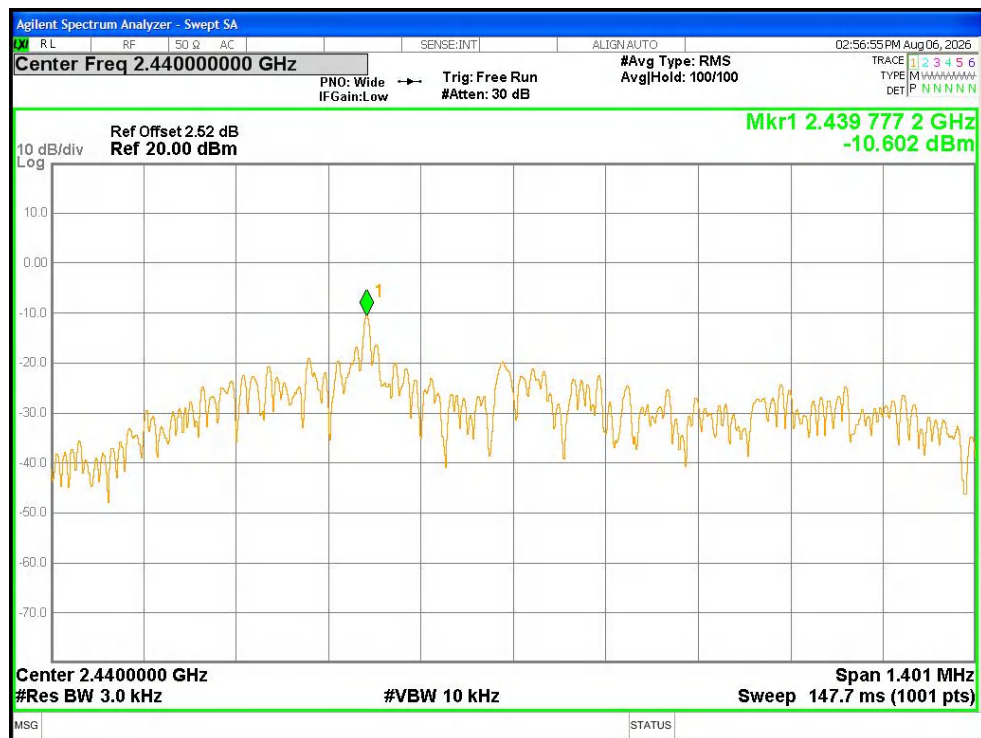
OBW NVNT 2.4G 2480MHz Ant1

4. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	2.4G	2402	Ant1	-9.71	-9.71	8	Pass
NVNT	2.4G	2440	Ant1	-10.6	-10.6	8	Pass
NVNT	2.4G	2480	Ant1	-11.35	-11.35	8	Pass

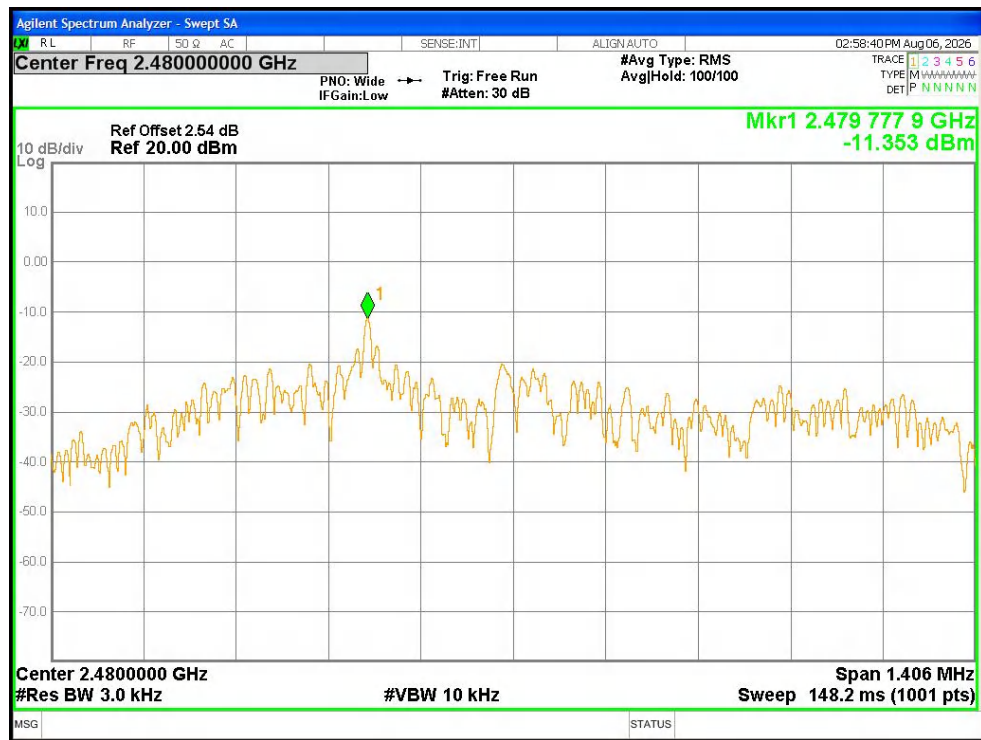


PSD NVNT 2.4G 2402MHz Ant1



PSD NVNT 2.4G 2440MHz Ant1

Report



PSD NVNT 2.4G 2480MHz Ant1

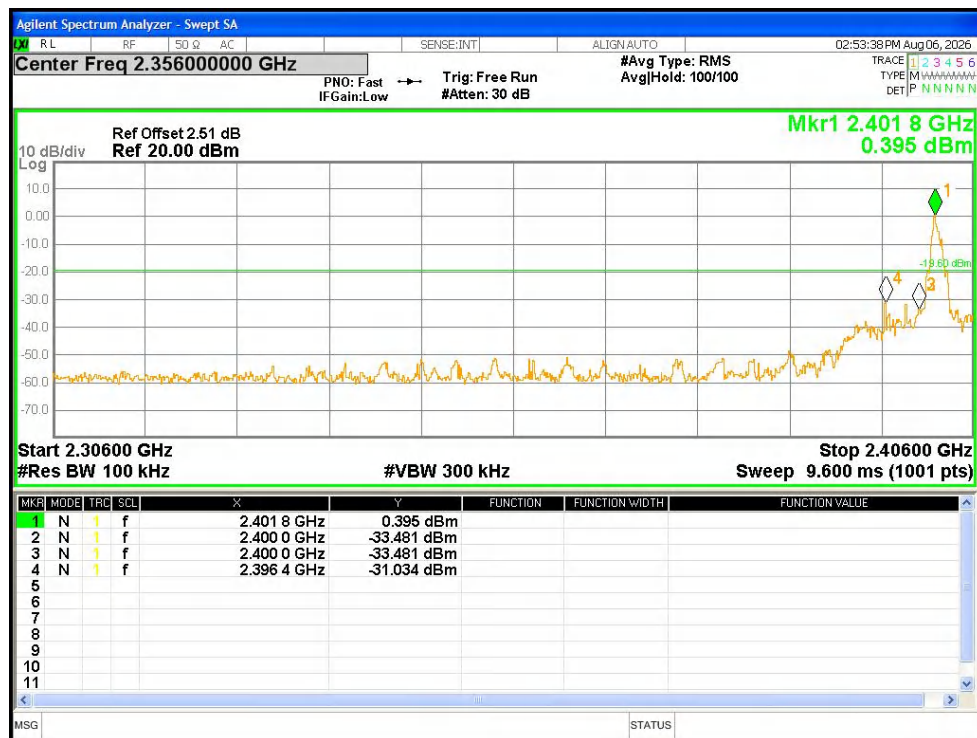
5. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	2.4G	2402	Ant1	-31.43	-20	Pass
NVNT	2.4G	2480	Ant1	-35.02	-20	Pass

Report



Band Edge NVNT 2.4G 2402MHz Ant1 Ref

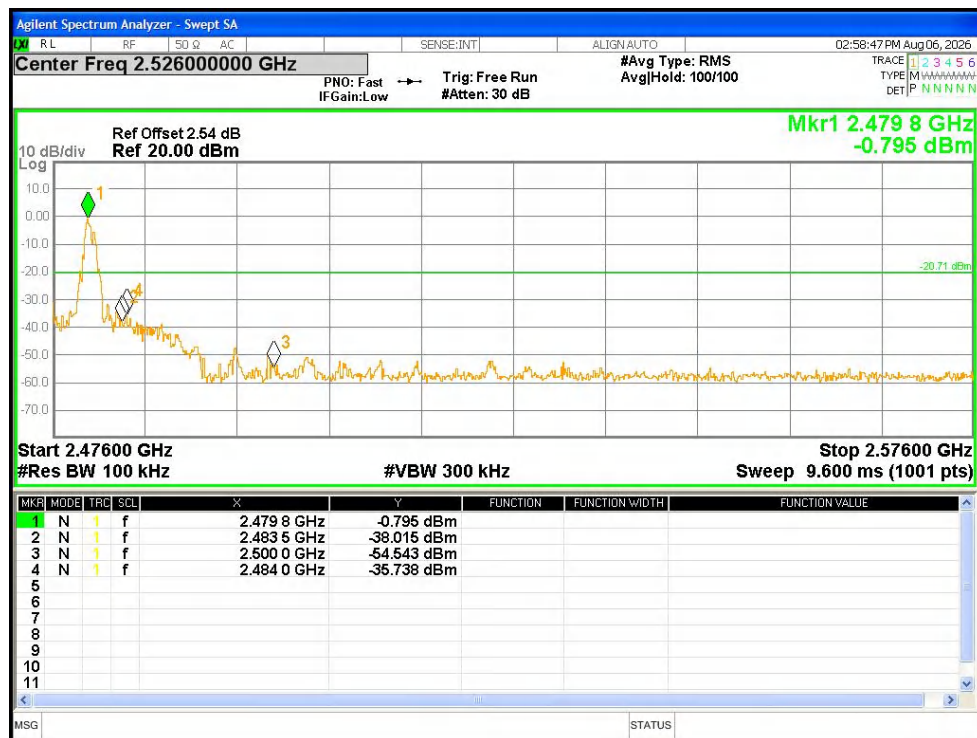


Band Edge NVNT 2.4G 2402MHz Ant1 Emission

Report



Band Edge NVNT 2.4G 2480MHz Ant1 Ref

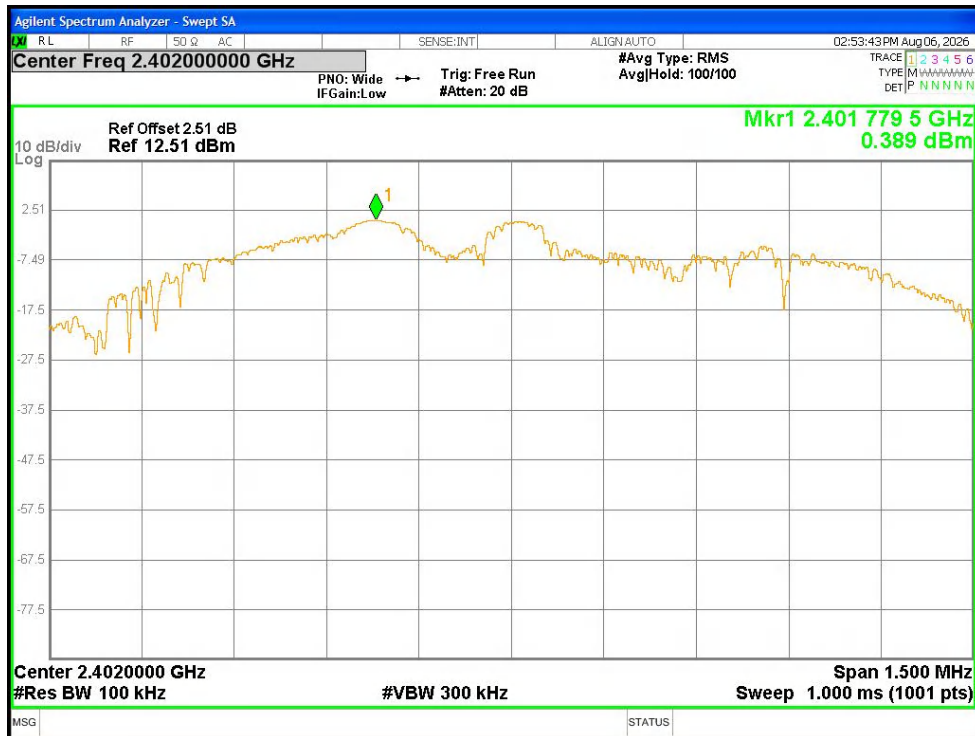


Band Edge NVNT 2.4G 2480MHz Ant1 Emission

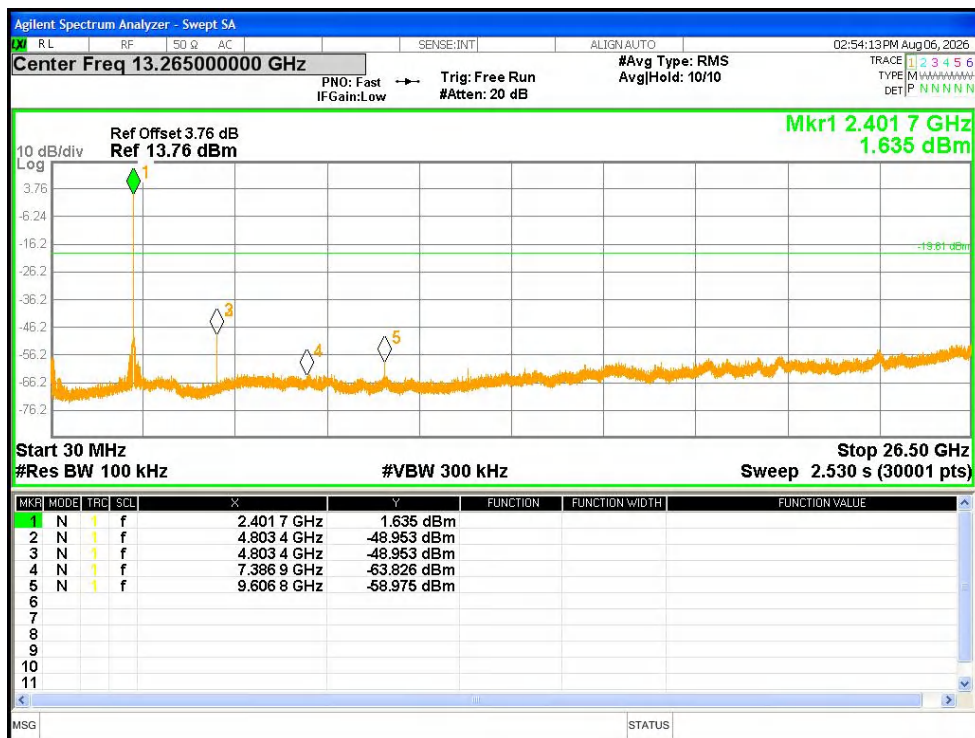
6. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	2.4G	2402	Ant1	-49.34	-20	Pass
NVNT	2.4G	2440	Ant1	-48.55	-20	Pass
NVNT	2.4G	2480	Ant1	-50.67	-20	Pass

Report

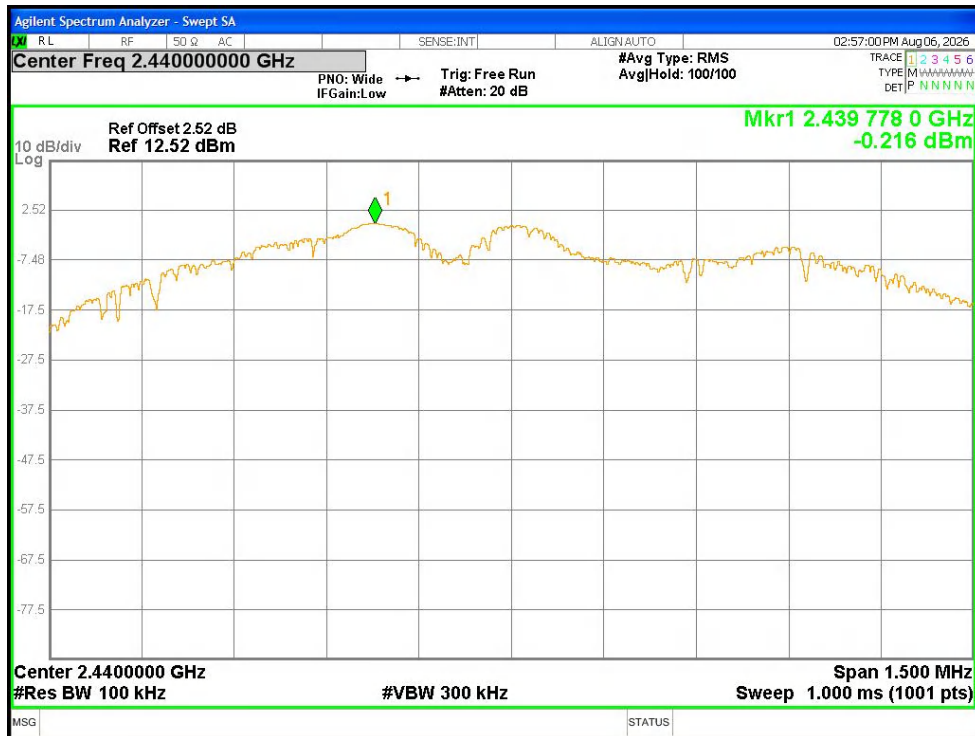


Tx. Spurious NVNT 2.4G 2402MHz Ant1 Ref

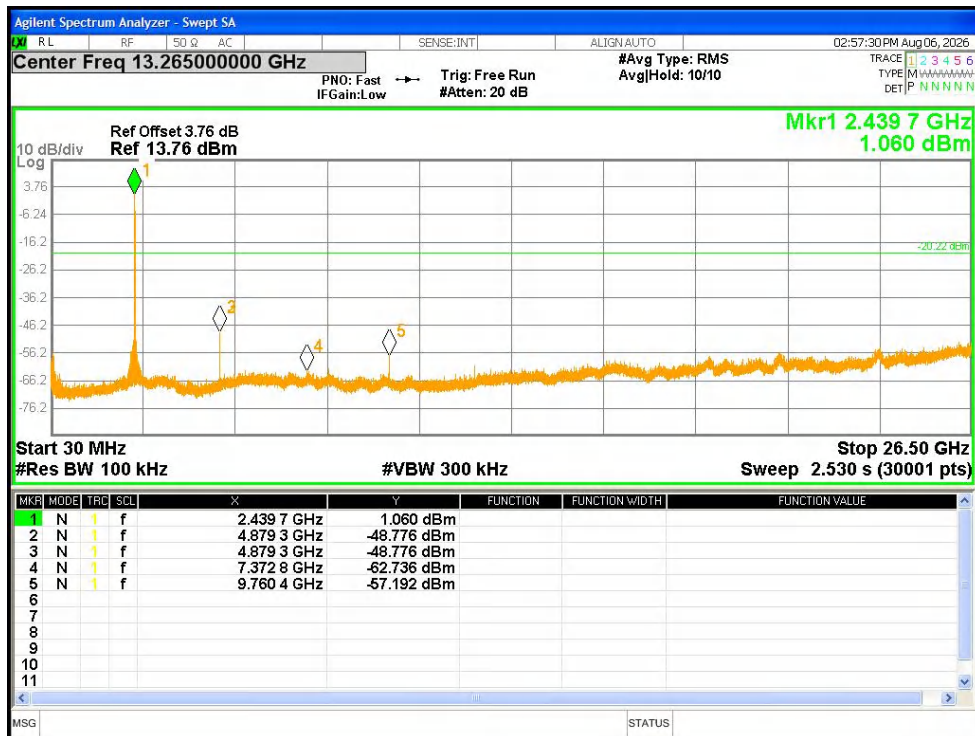


Tx. Spurious NVNT 2.4G 2402MHz Ant1 Emission

Report

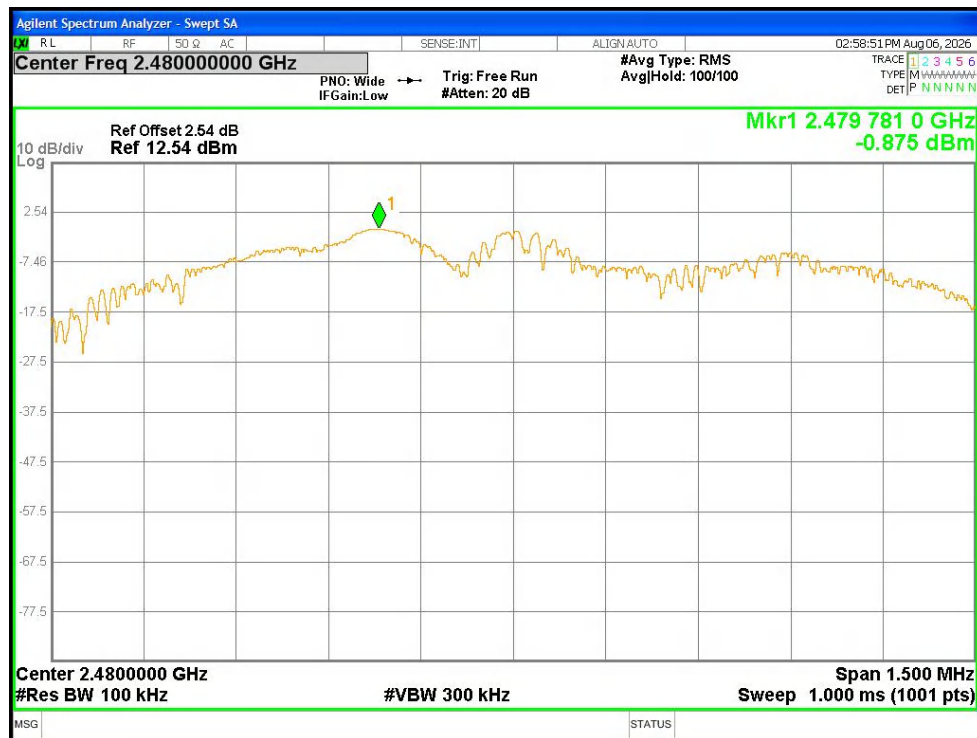


Tx. Spurious NVNT 2.4G 2440MHz Ant1 Ref

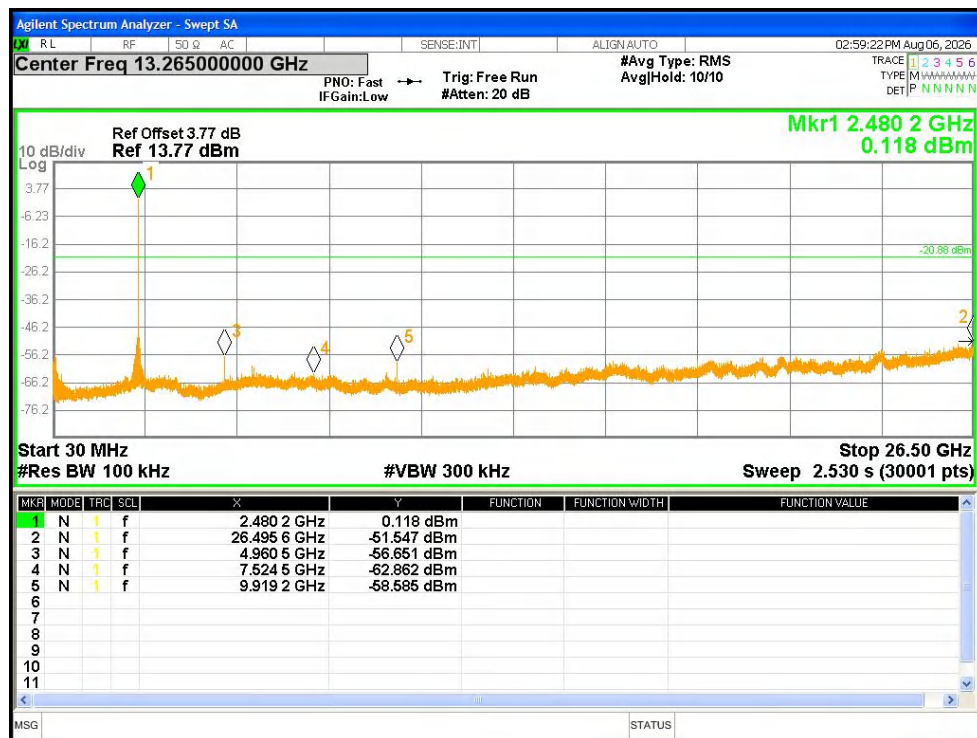


Tx. Spurious NVNT 2.4G 2440MHz Ant1 Emission

Report



Tx. Spurious NVNT 2.4G 2480MHz Ant1 Ref



Tx. Spurious NVNT 2.4G 2480MHz Ant1 Emission