

Hengzhiji Plastic Toys Factory, Chenghai District, Shantou City

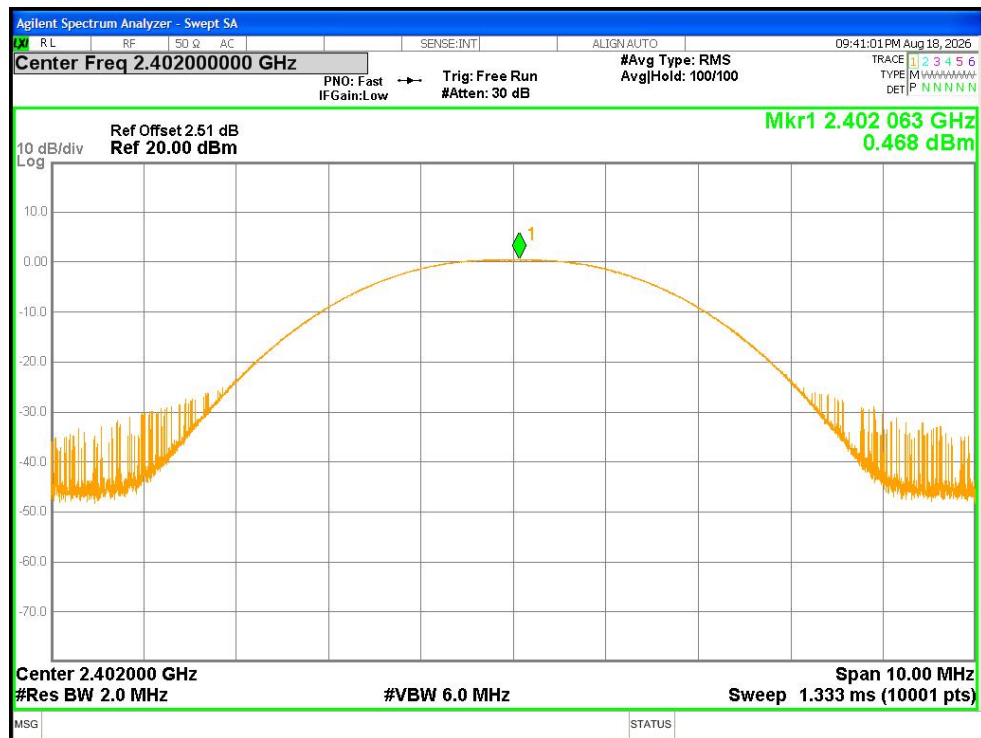
Model: MLX9986

FCC ID: 2BXYU-MLX9986

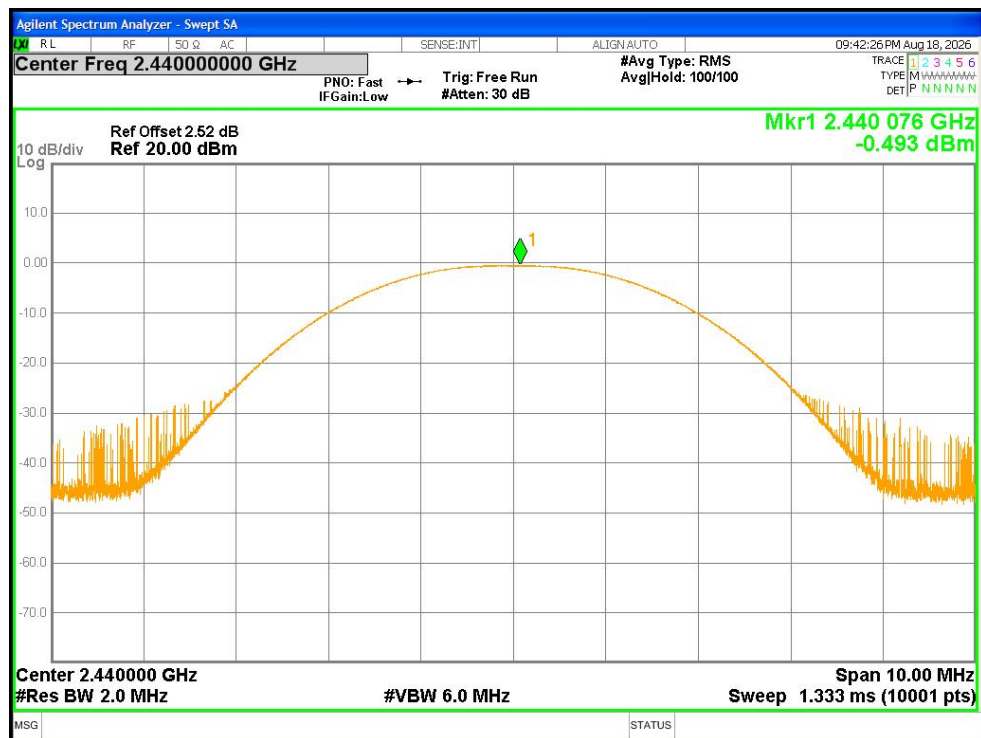
1. Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.47	0.47	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.49	-0.49	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.1	-2.1	30	Pass

Report

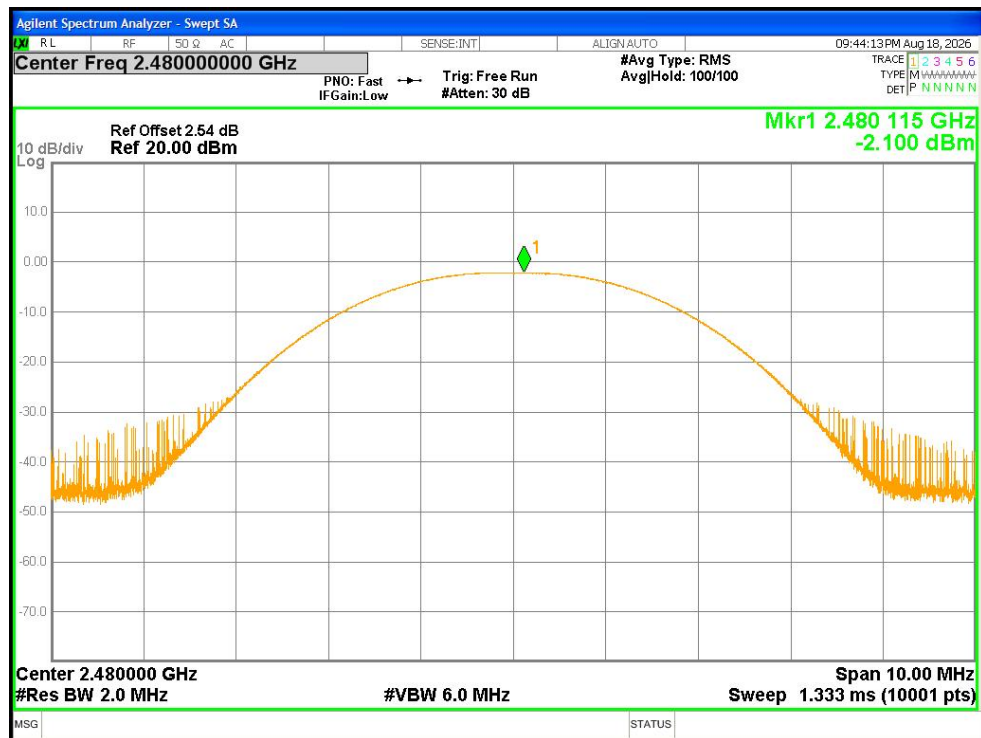


Peak Power NVNT BLE 1M 2402MHz Ant1



Peak Power NVNT BLE 1M 2440MHz Ant1

Report

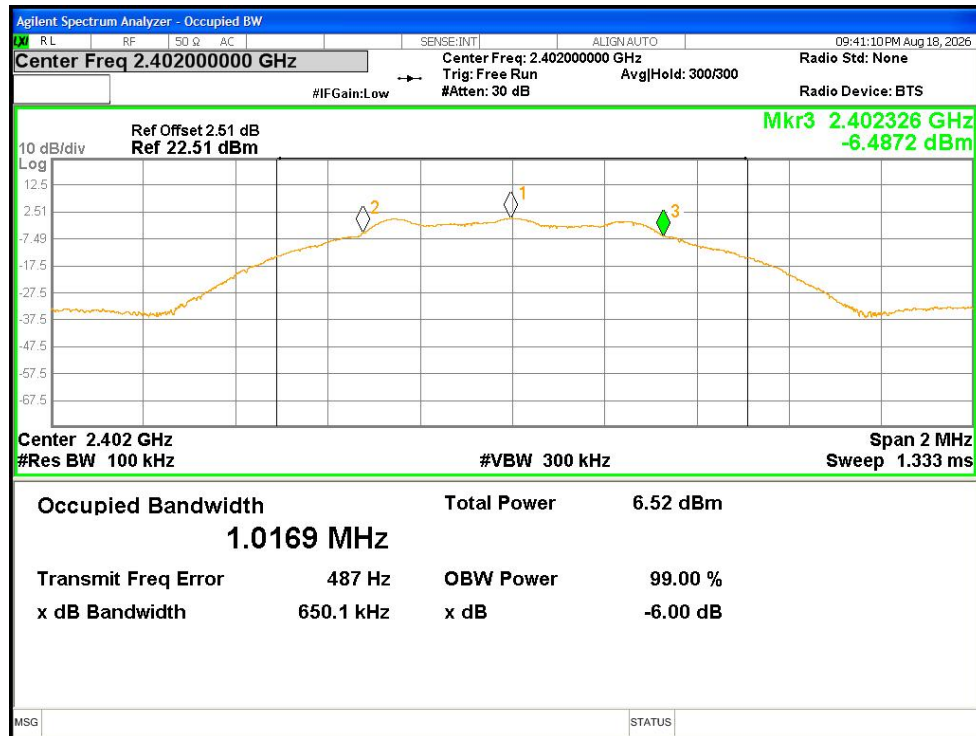


Peak Power NVNT BLE 1M 2480MHz Ant1

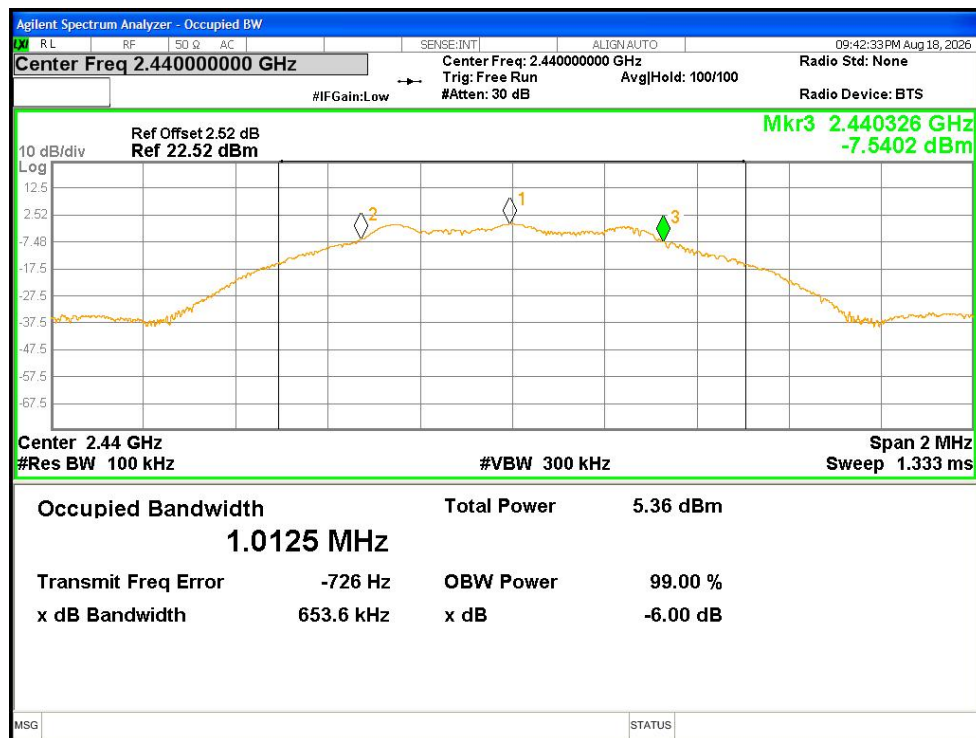
2. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.65	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.654	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.647	0.5	Pass

Report

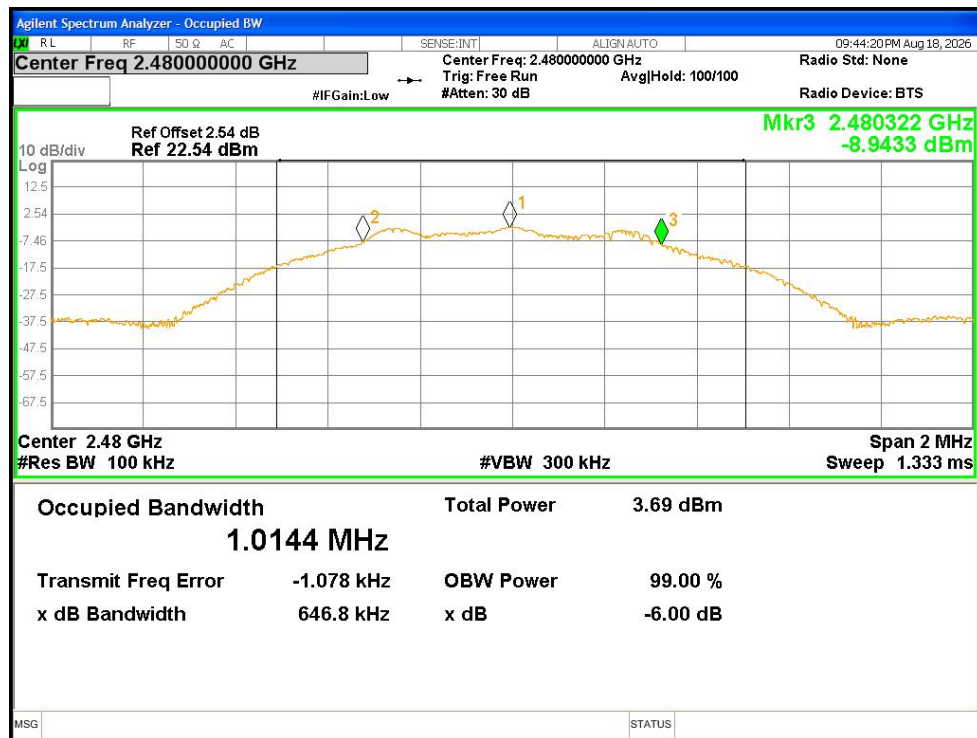


-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1

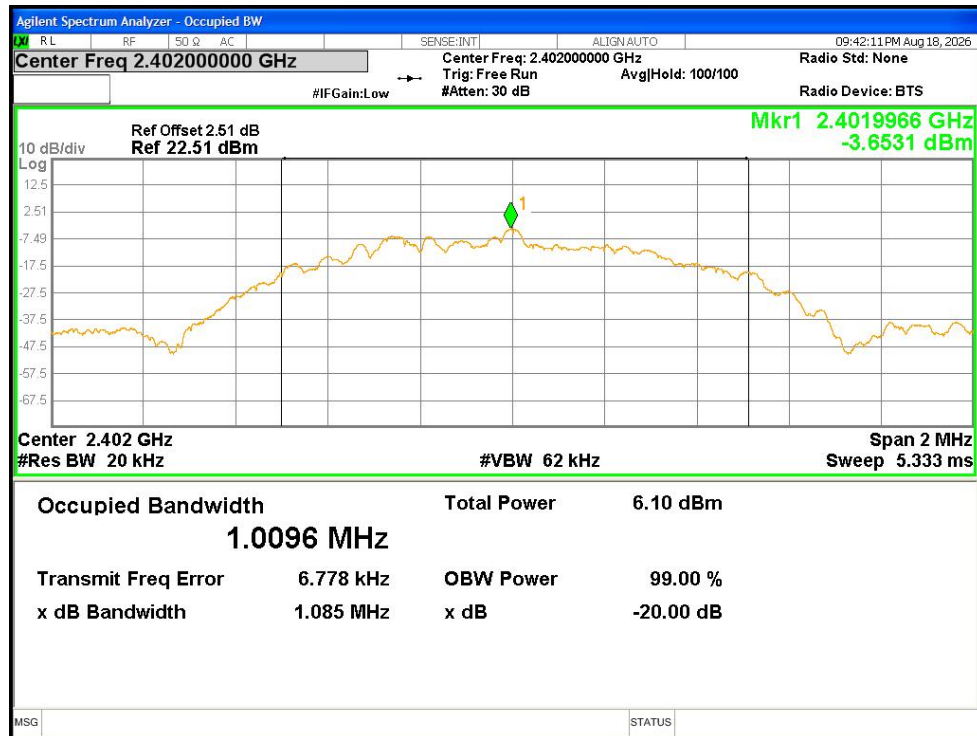
Report



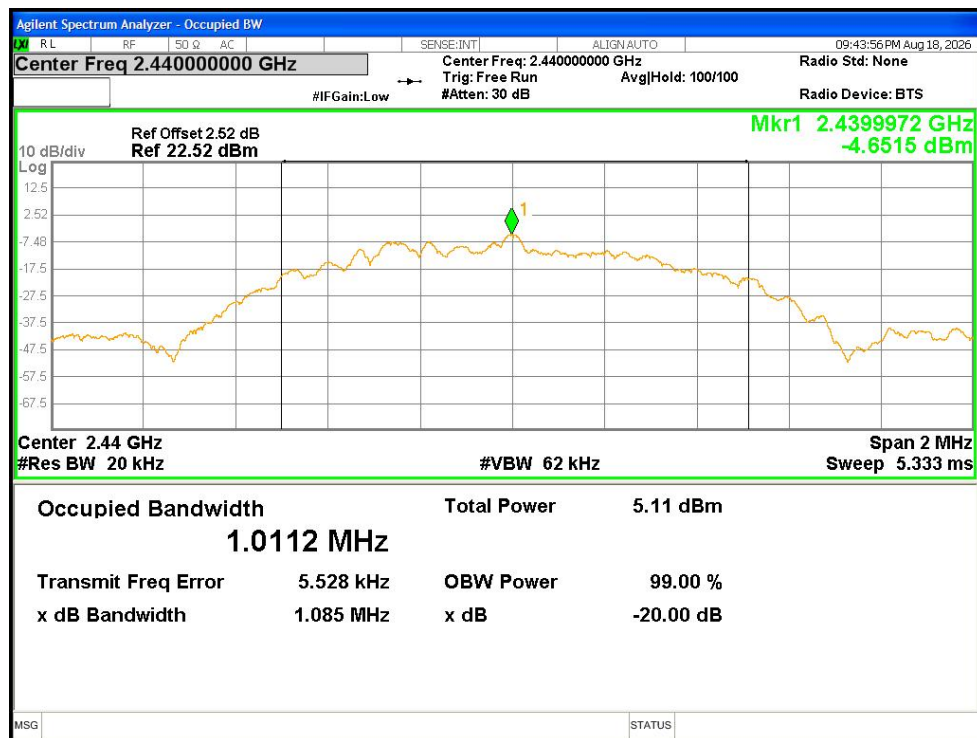
-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1

3. Occupied Channel Bandwidth

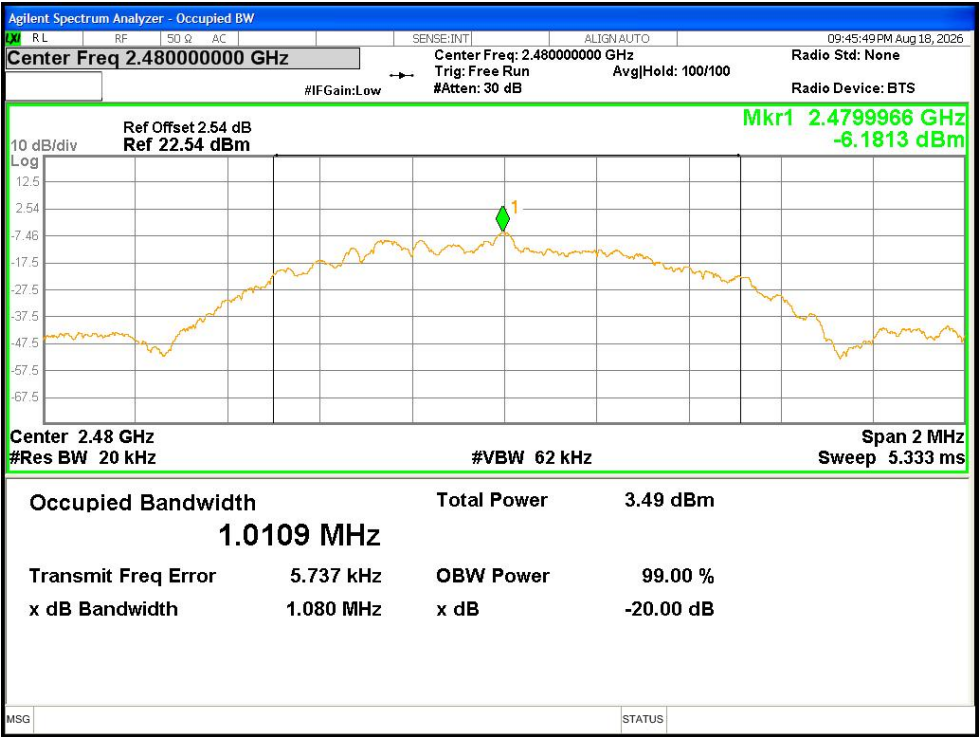
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.010
NVNT	BLE 1M	2440	Ant1	1.011
NVNT	BLE 1M	2480	Ant1	1.011



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1

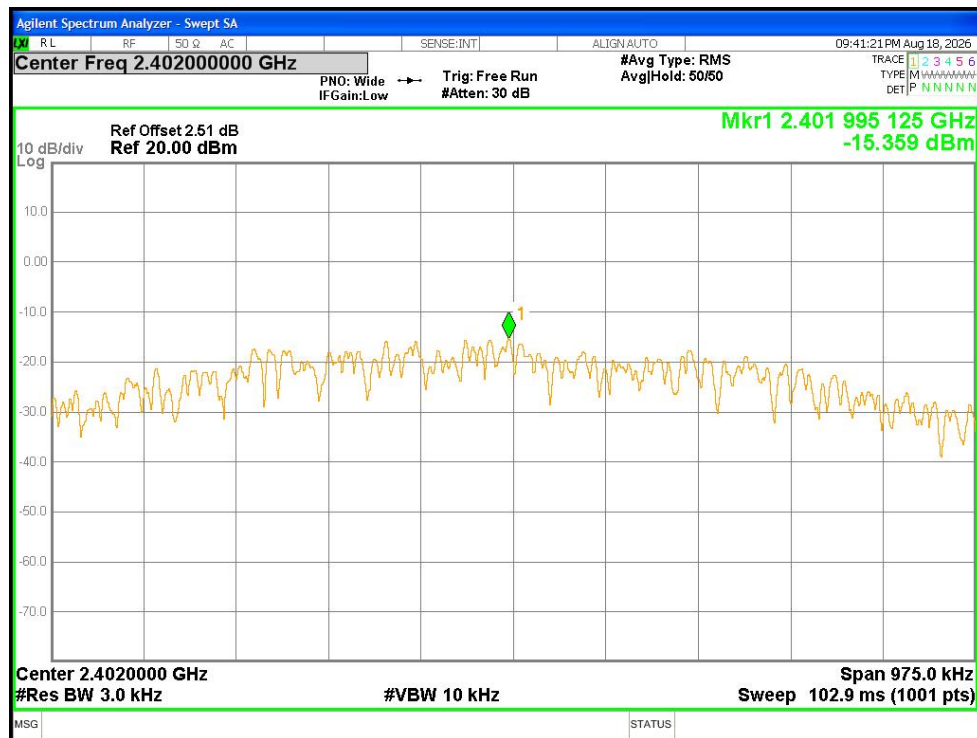


OBW NVNT BLE 1M 2480MHz Ant1

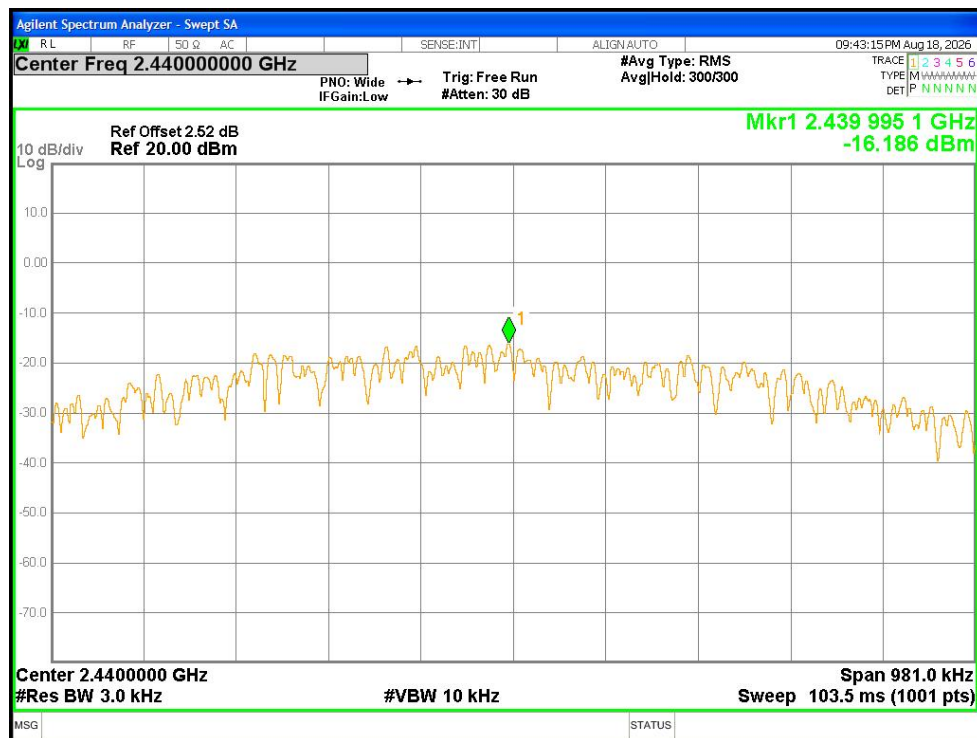
4. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-15.36	-15.36	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.19	-16.19	8	Pass
NVNT	BLE 1M	2480	Ant1	-17.79	-17.79	8	Pass

Report

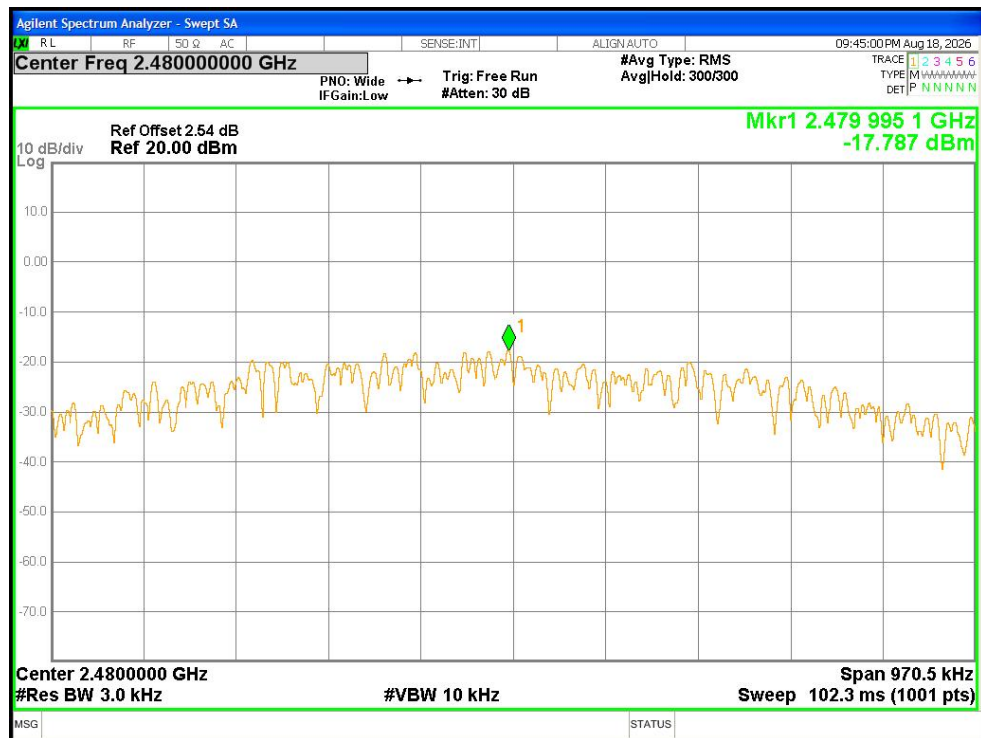


PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1

Report



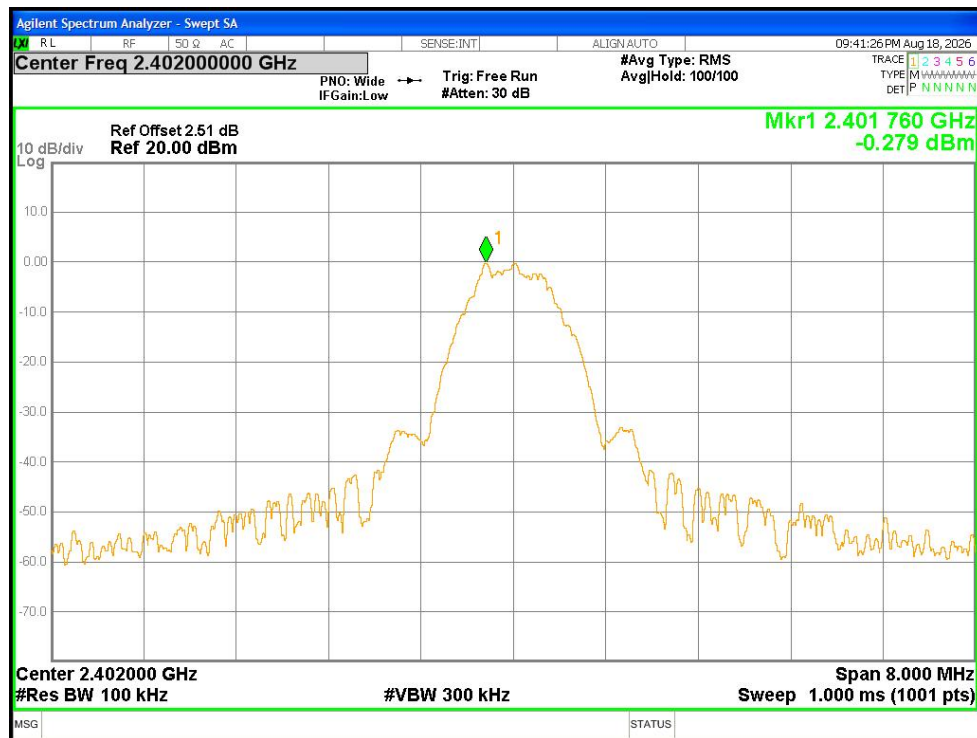
PSD NVNT BLE 1M 2480MHz Ant1

5. Band Edge

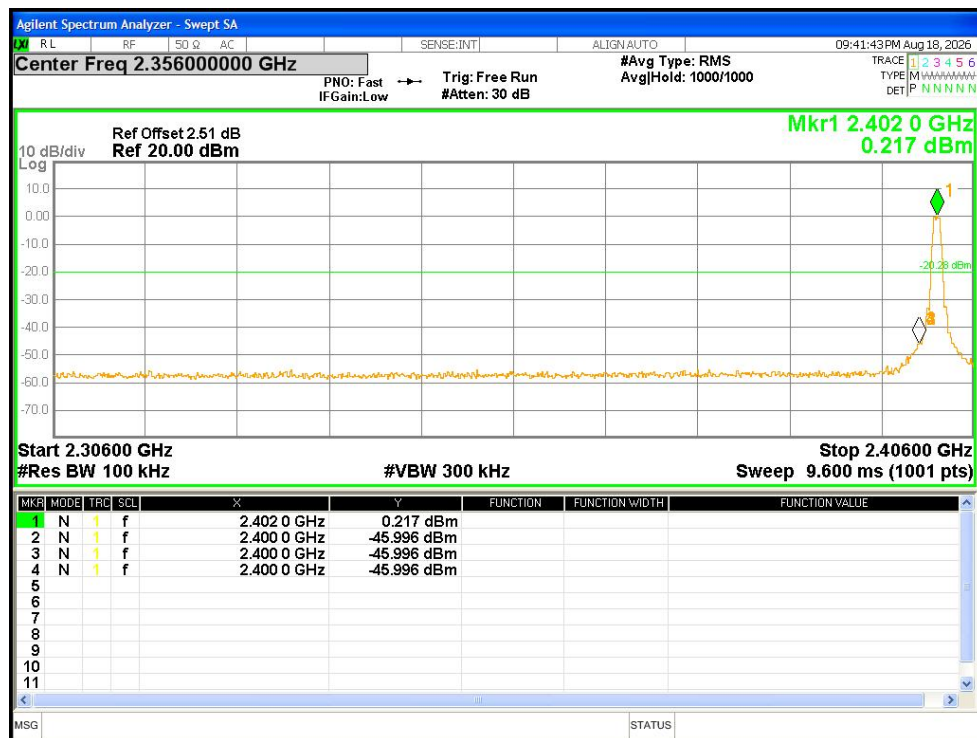
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.71	-20	Pass
NVNT	BLE 1M	2480	Ant1	-52.28	-20	Pass

Max Value=Band Edge Ant1 Ref - Band Edge Ant1 Emission (Maximum value of the limit band)

Report

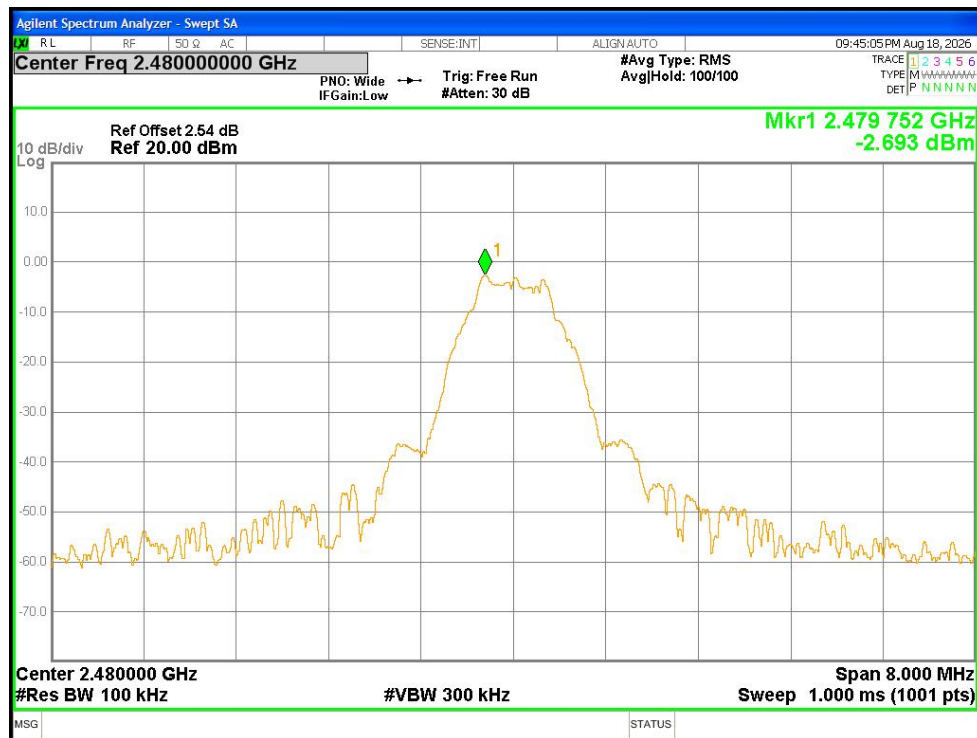


Band Edge NVNT BLE 1M 2402MHz Ant1 Ref

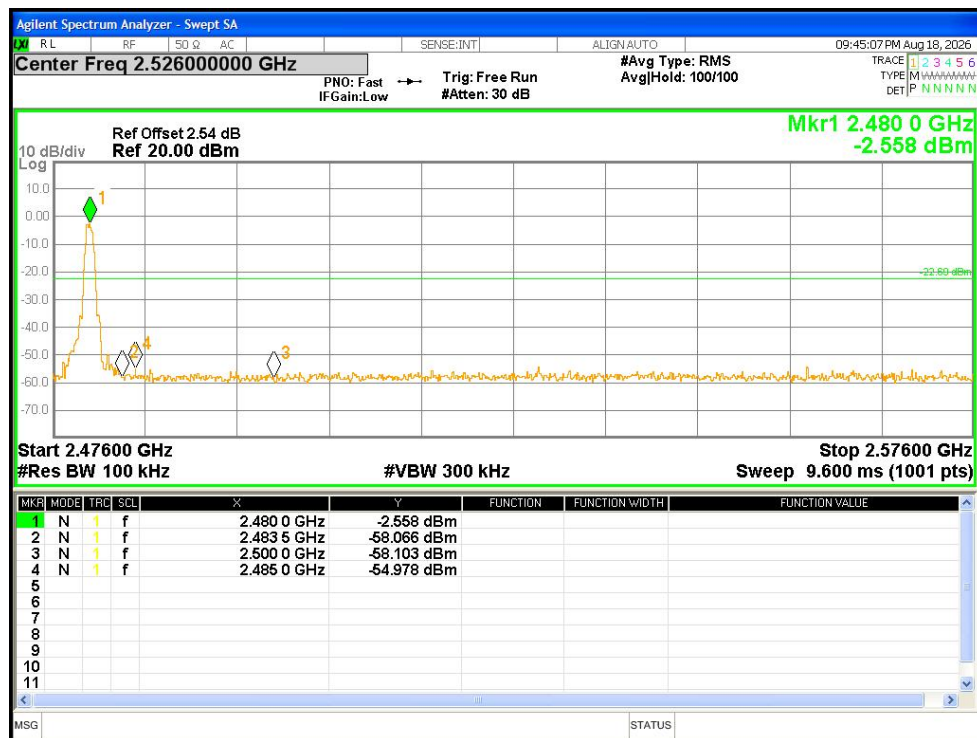


Band Edge NVNT BLE 1M 2402MHz Ant1 Emission

Report



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



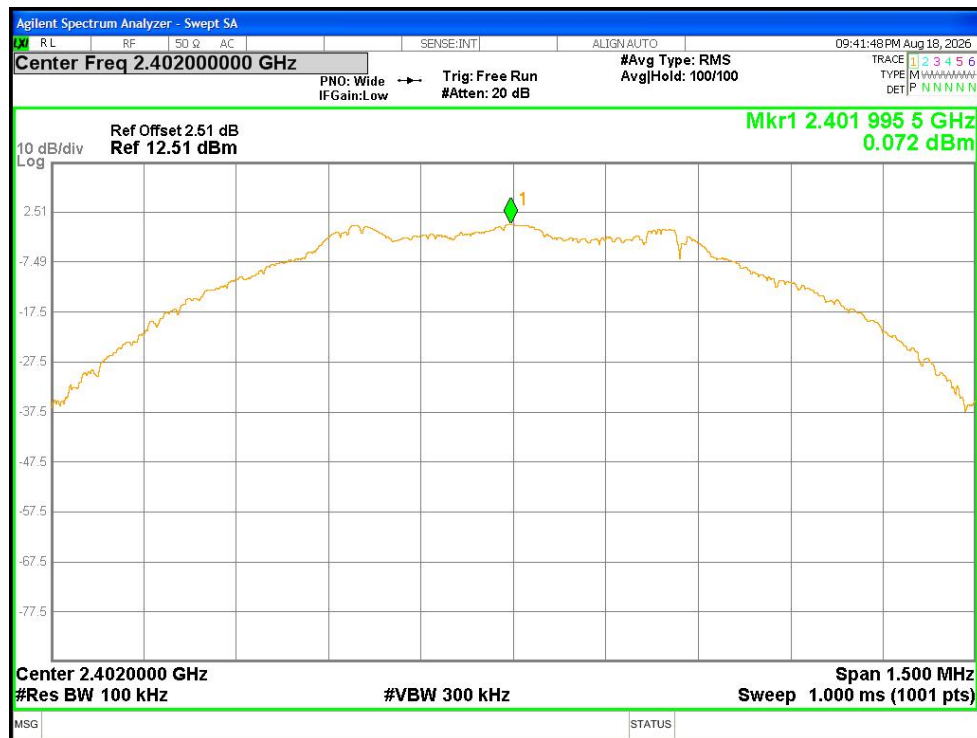
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission

6. Conducted RF Spurious Emission

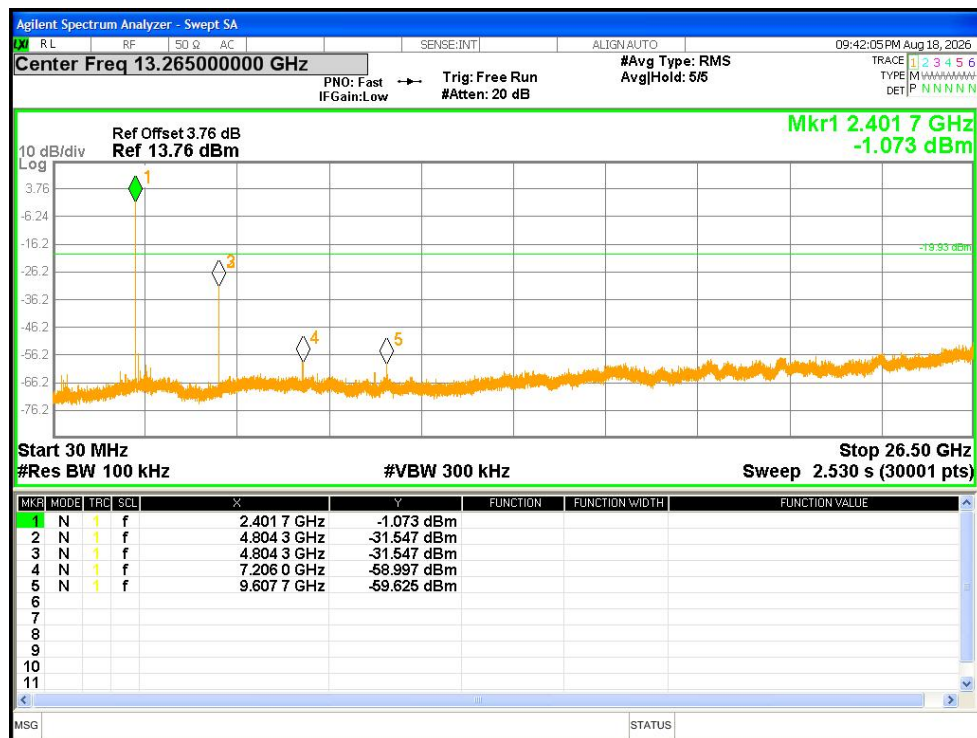
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-31.61	-20	Pass
NVNT	BLE 1M	2440	Ant1	-30.36	-20	Pass
NVNT	BLE 1M	2480	Ant1	-30.42	-20	Pass

Max Value=Tx. Spurious Ant1 Ref - Tx. Spurious Ant1 Emission (Maximum value of the limit band)

Report

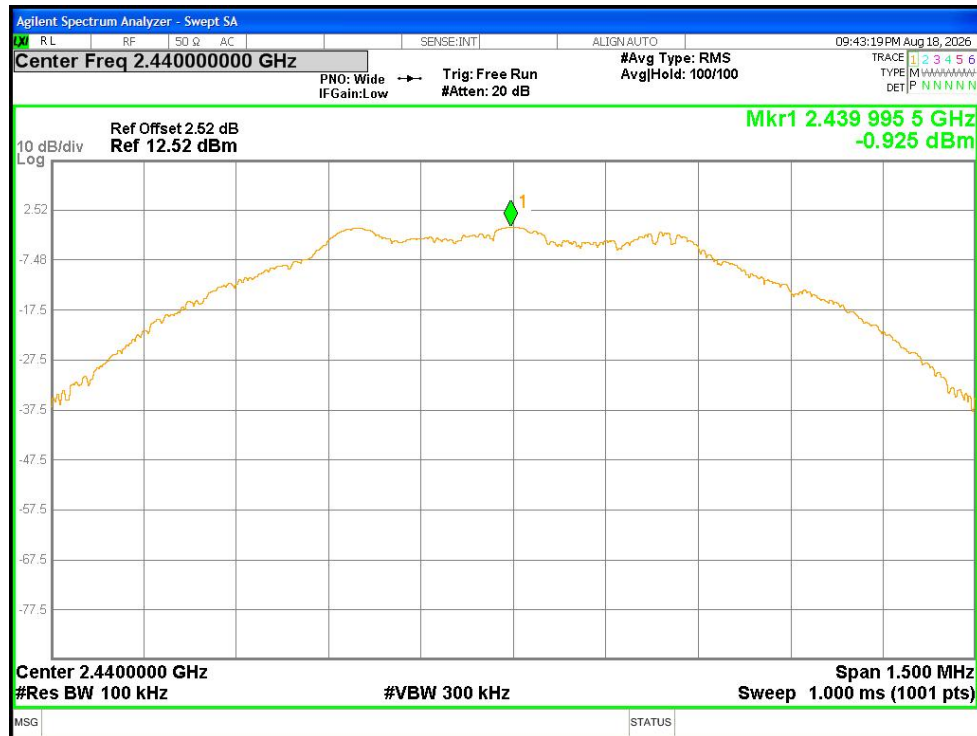


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref

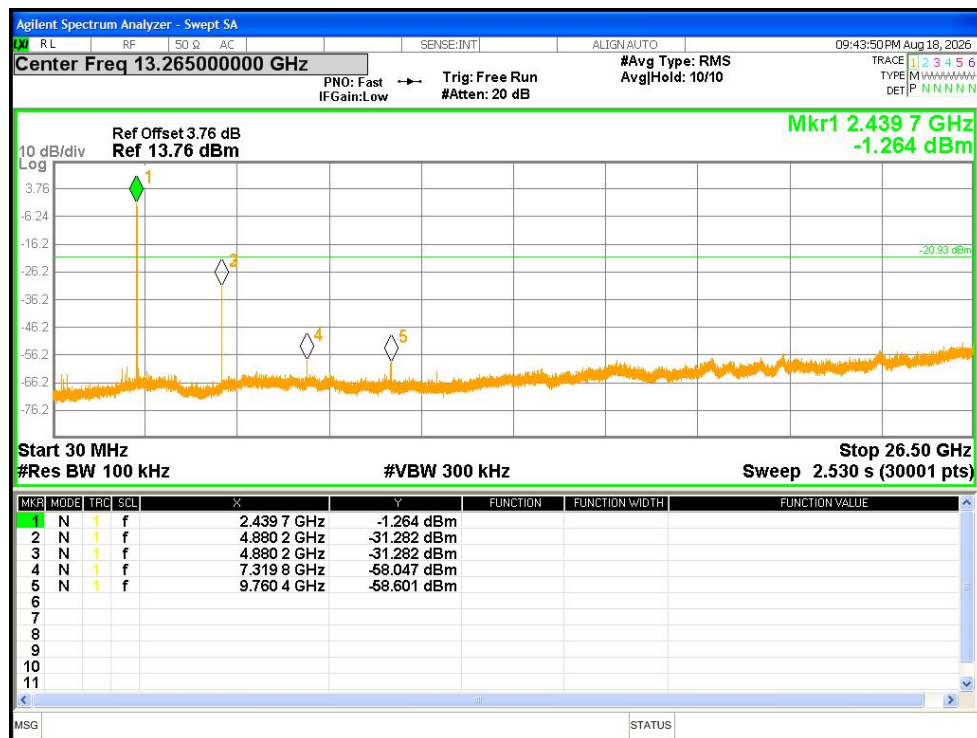


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission

Report

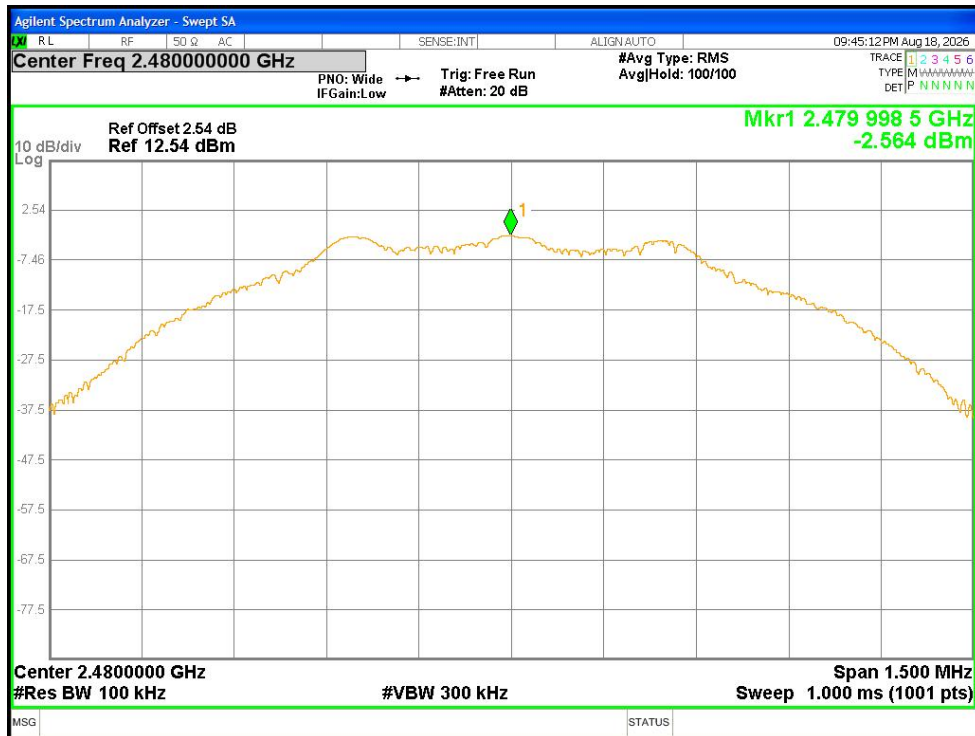


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref

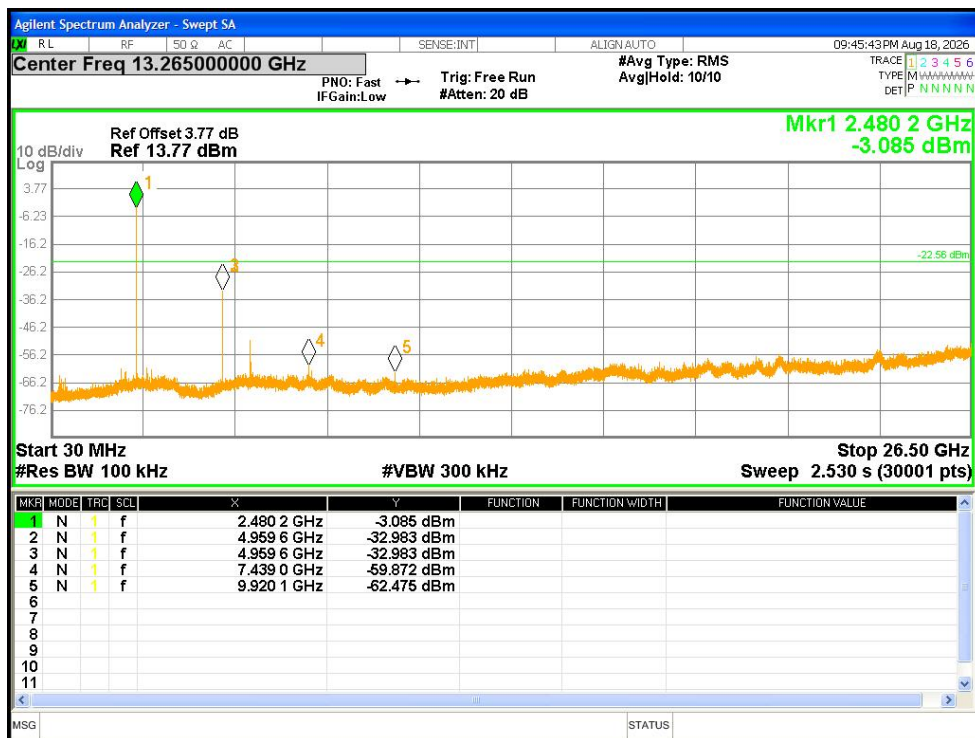


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission

Report



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission