

Ningbo Wentai Sports Equipment Co., Ltd

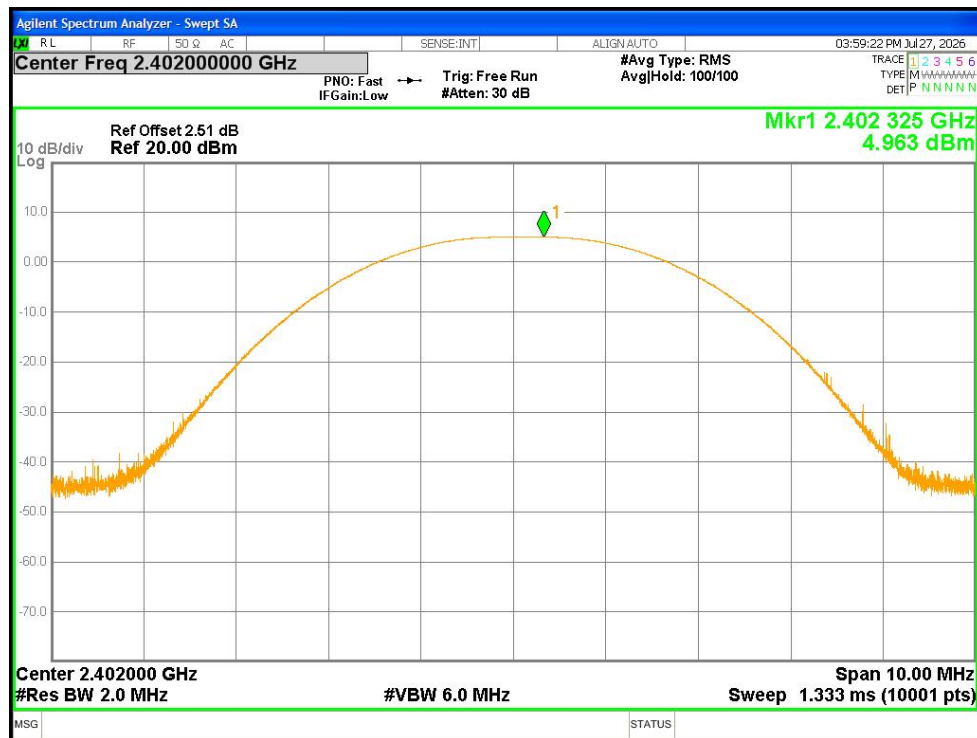
Model: eTwily

FCC ID: 2A6A7-ETWILY2

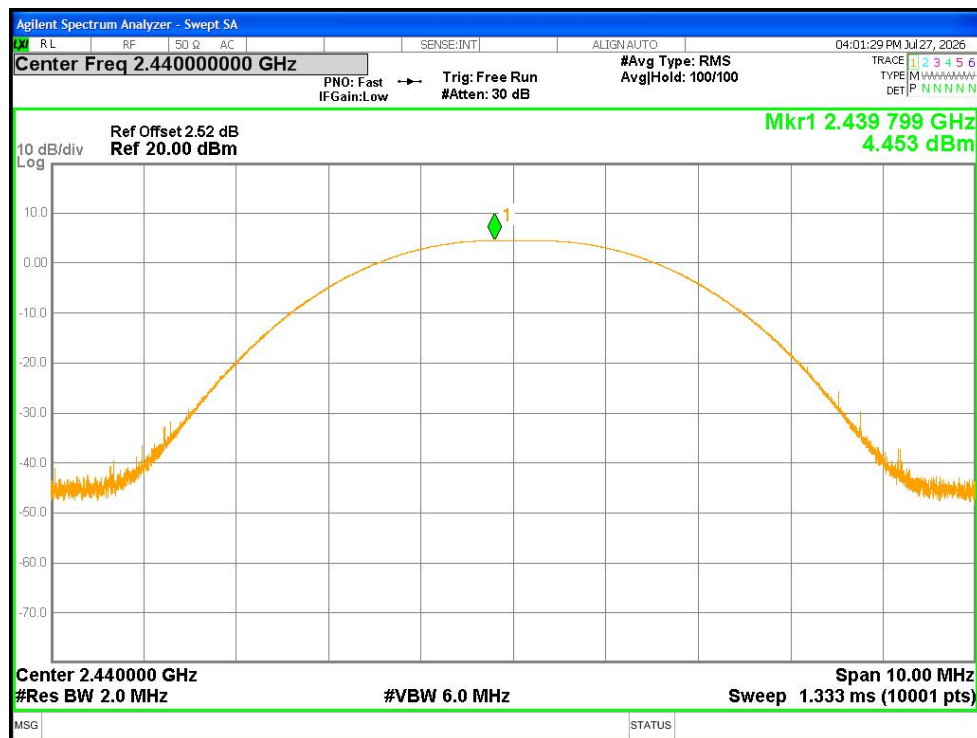
1. Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	4.96	4.96	30	Pass
NVNT	BLE 1M	2440	Ant1	4.45	4.45	30	Pass
NVNT	BLE 1M	2480	Ant1	4.39	4.39	30	Pass
NVNT	BLE 2M	2402	Ant1	4.96	4.96	30	Pass
NVNT	BLE 2M	2440	Ant1	4.46	4.46	30	Pass
NVNT	BLE 2M	2480	Ant1	4.4	4.4	30	Pass

Report

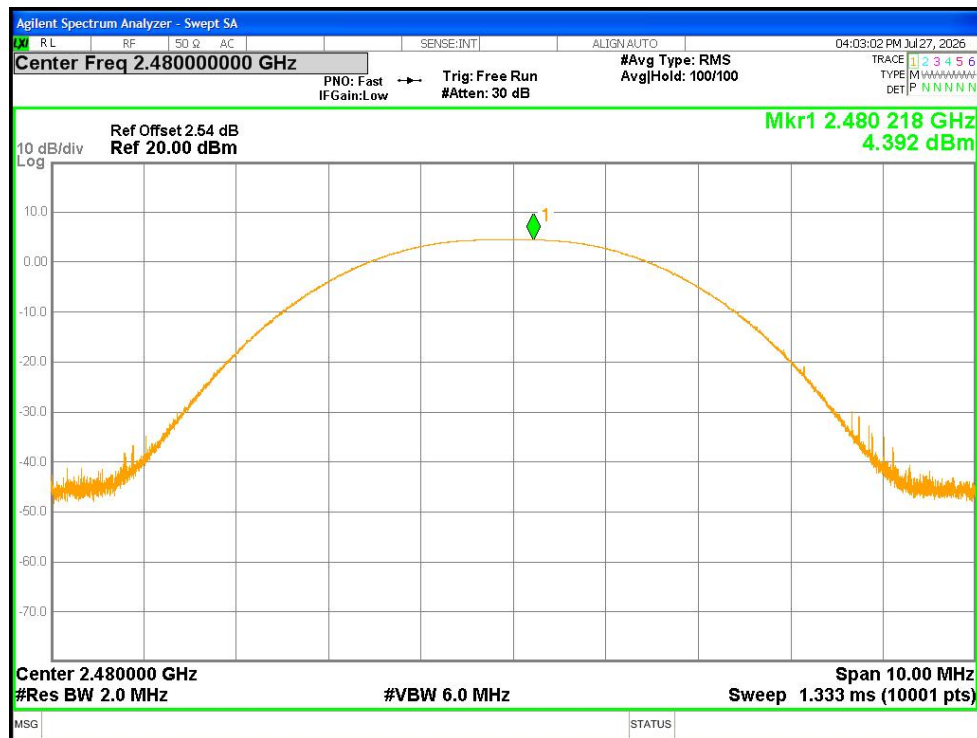


Peak Power NVNT BLE 1M 2402MHz Ant1

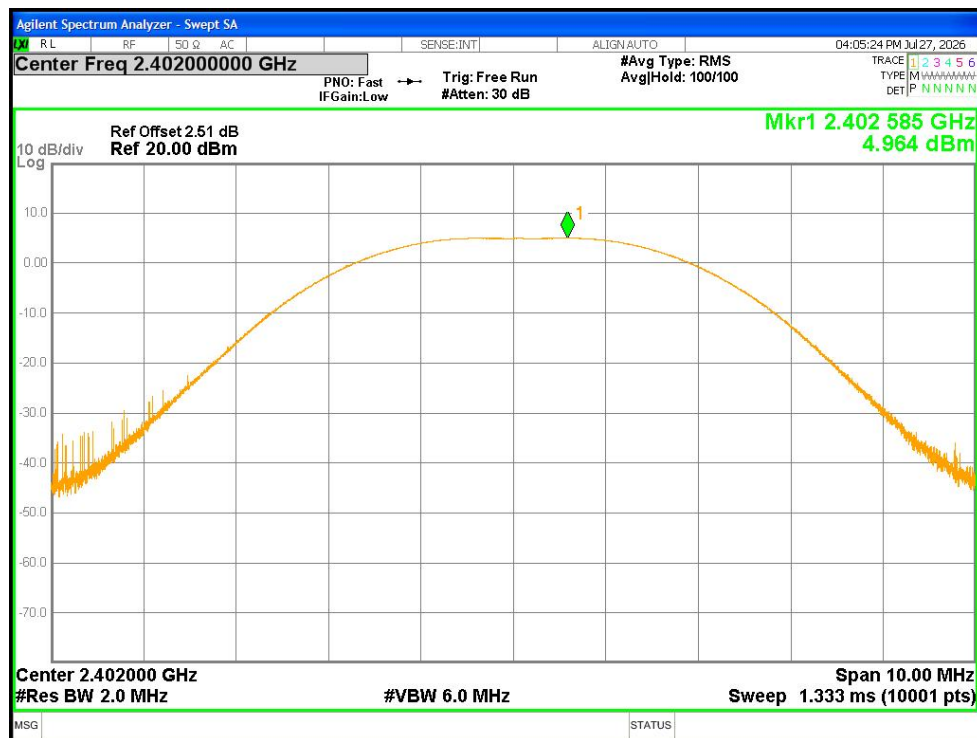


Peak Power NVNT BLE 1M 2440MHz Ant1

Report

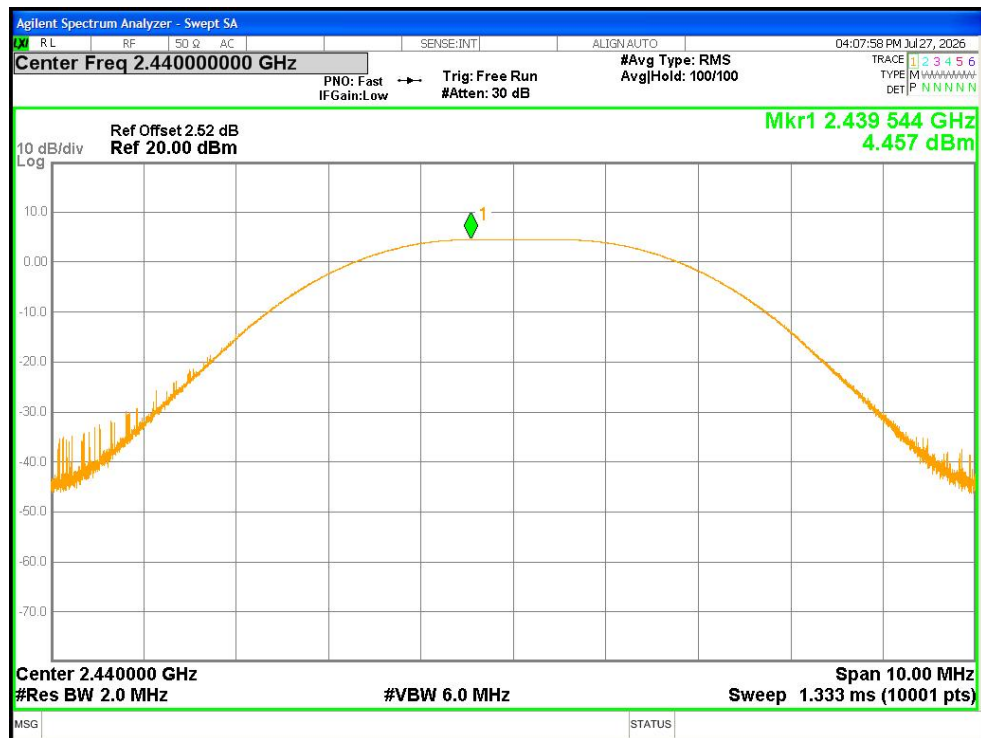


Peak Power NVNT BLE 1M 2480MHz Ant1

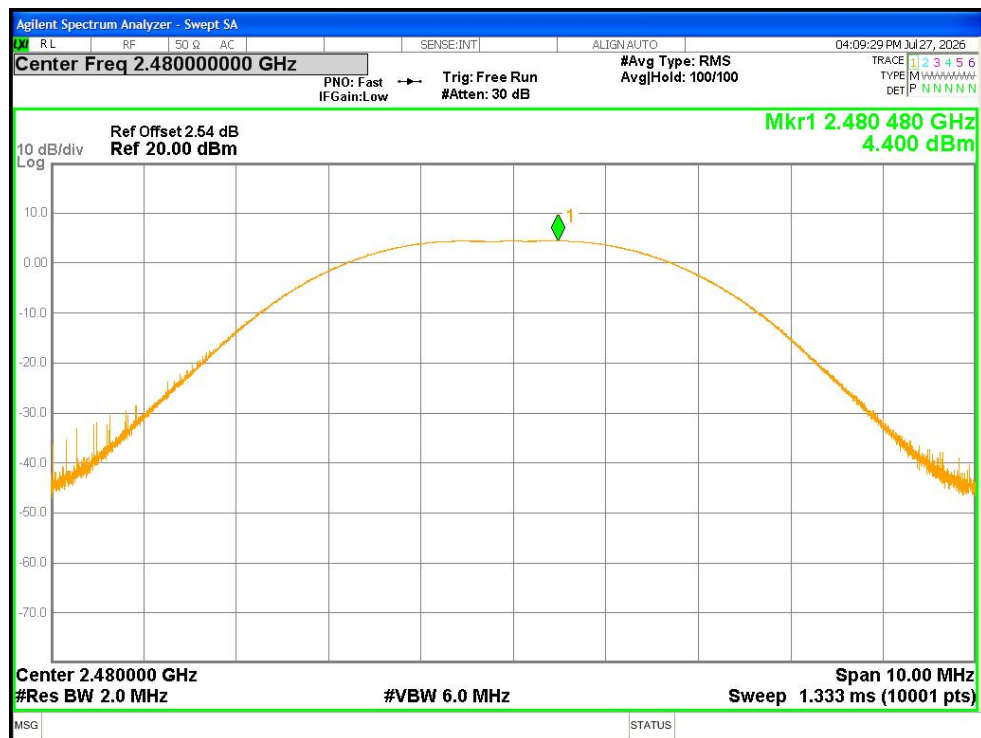


Peak Power NVNT BLE 2M 2402MHz Ant1

Report



Peak Power NVNT BLE 2M 2440MHz Ant1

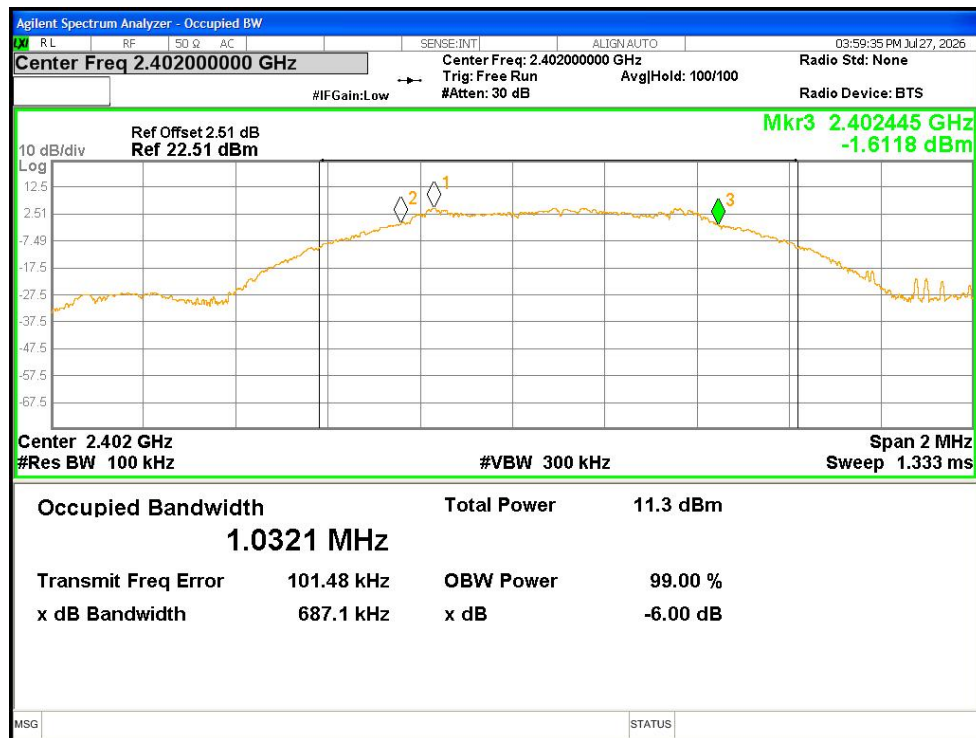


Peak Power NVNT BLE 2M 2480MHz Ant1

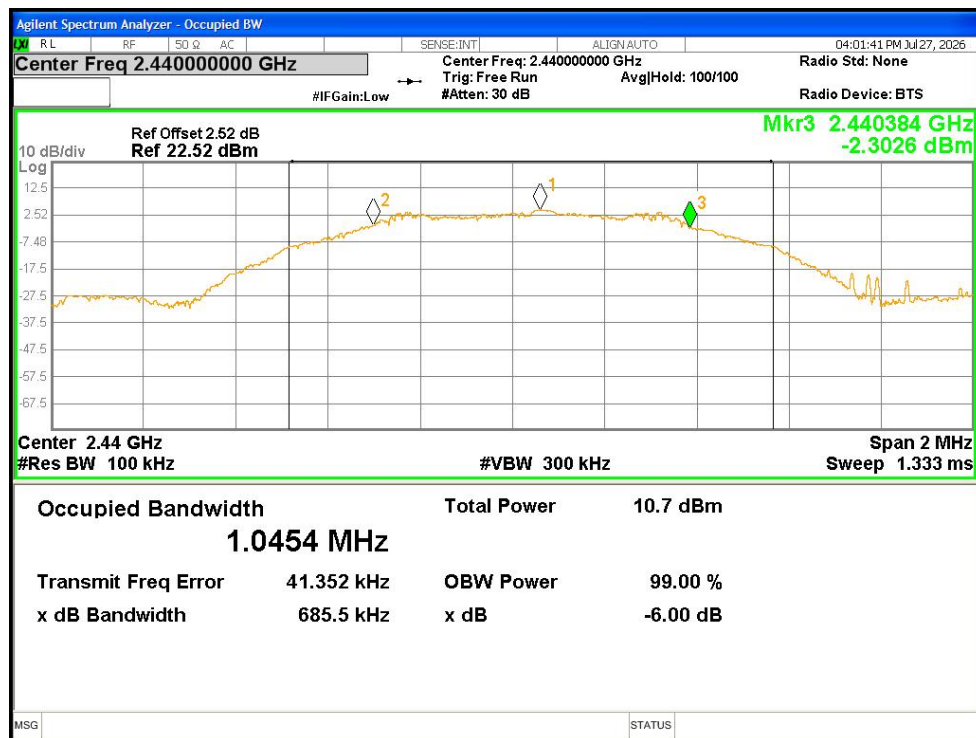
2. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.687	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.685	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.707	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.154	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.188	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.173	0.5	Pass

Report

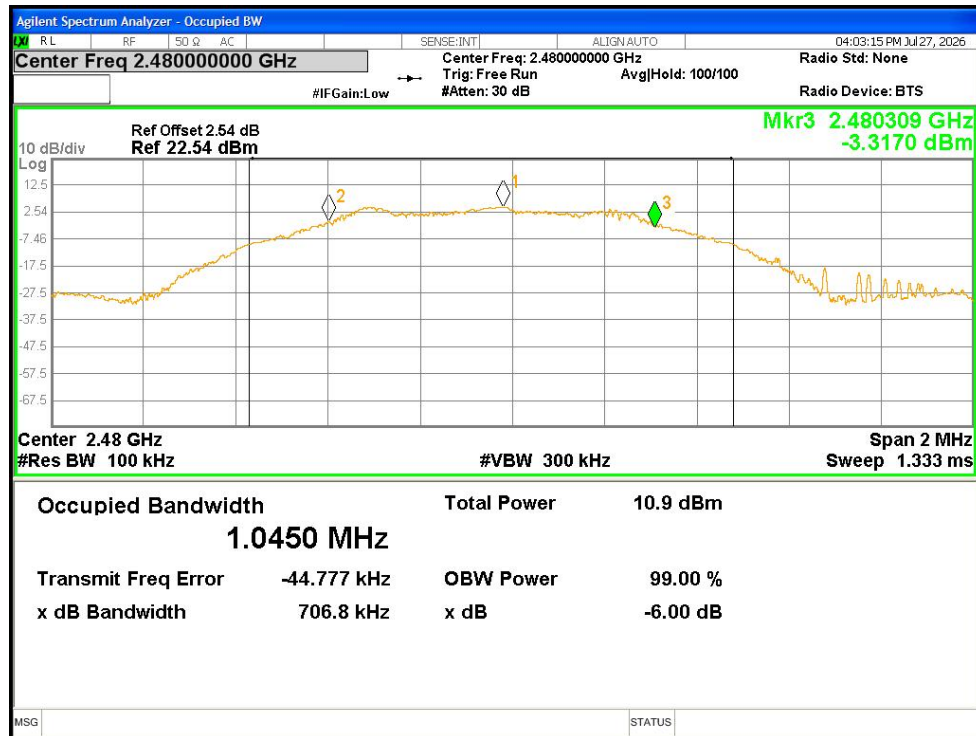


-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1

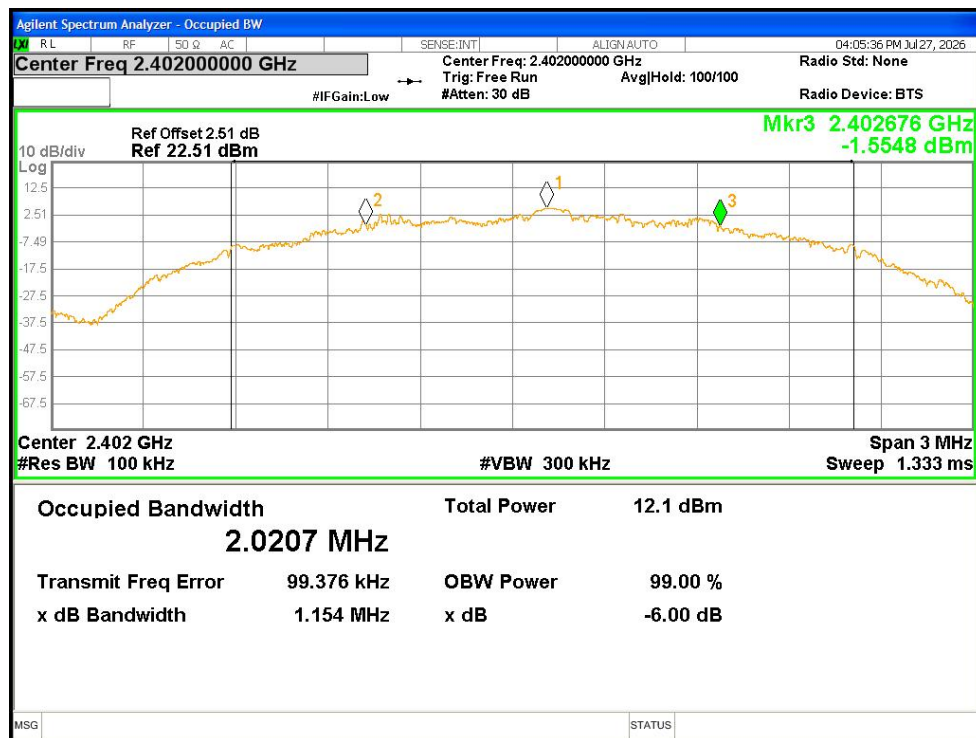


-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1

Report

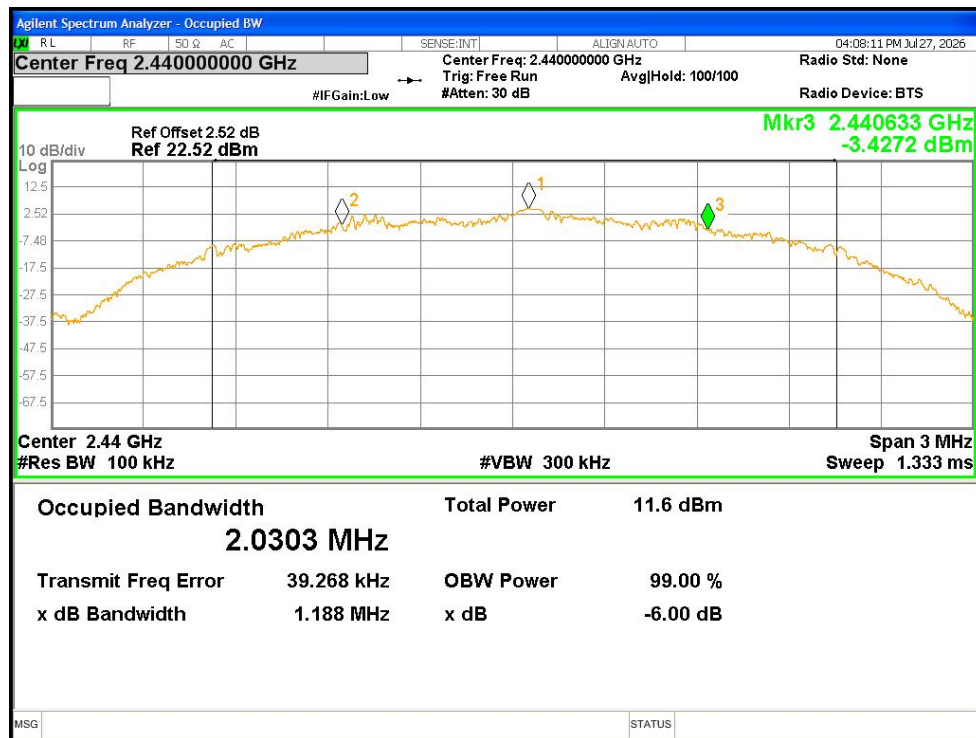


-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1

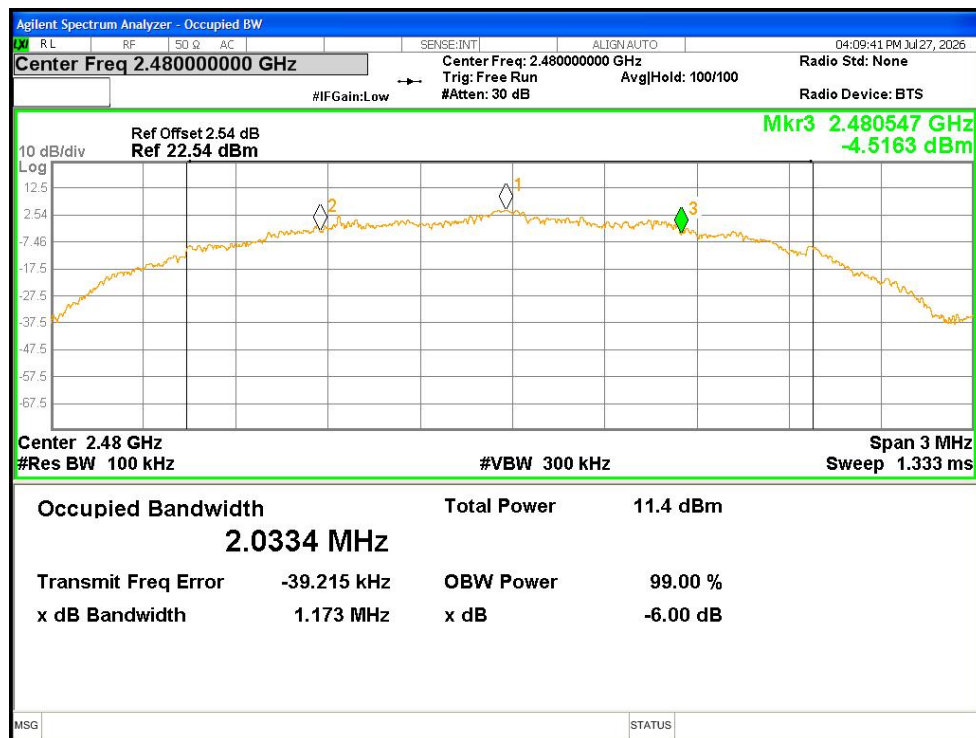


-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1

Report



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1

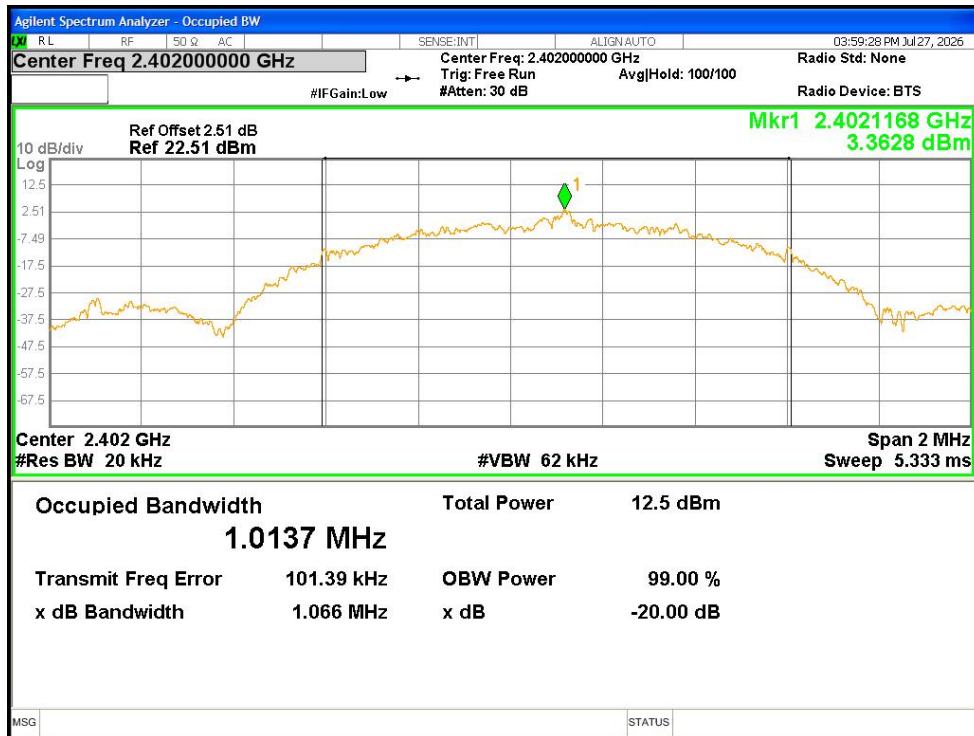


-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1

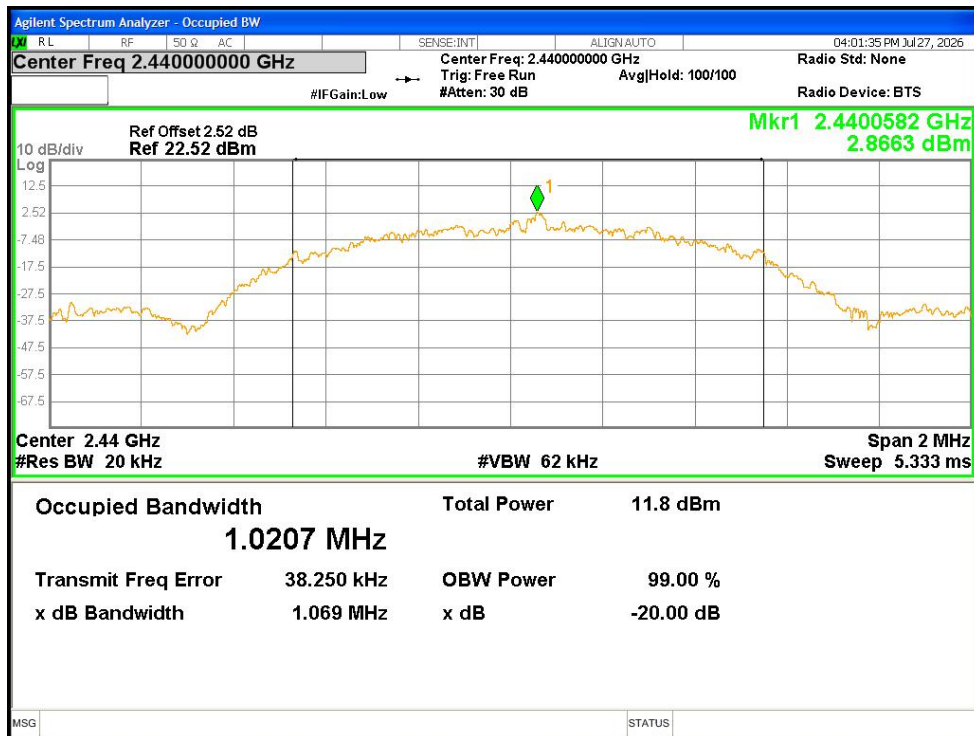
3. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.014
NVNT	BLE 1M	2440	Ant1	1.021
NVNT	BLE 1M	2480	Ant1	1.025
NVNT	BLE 2M	2402	Ant1	2.018
NVNT	BLE 2M	2440	Ant1	2.008
NVNT	BLE 2M	2480	Ant1	2.032

Report

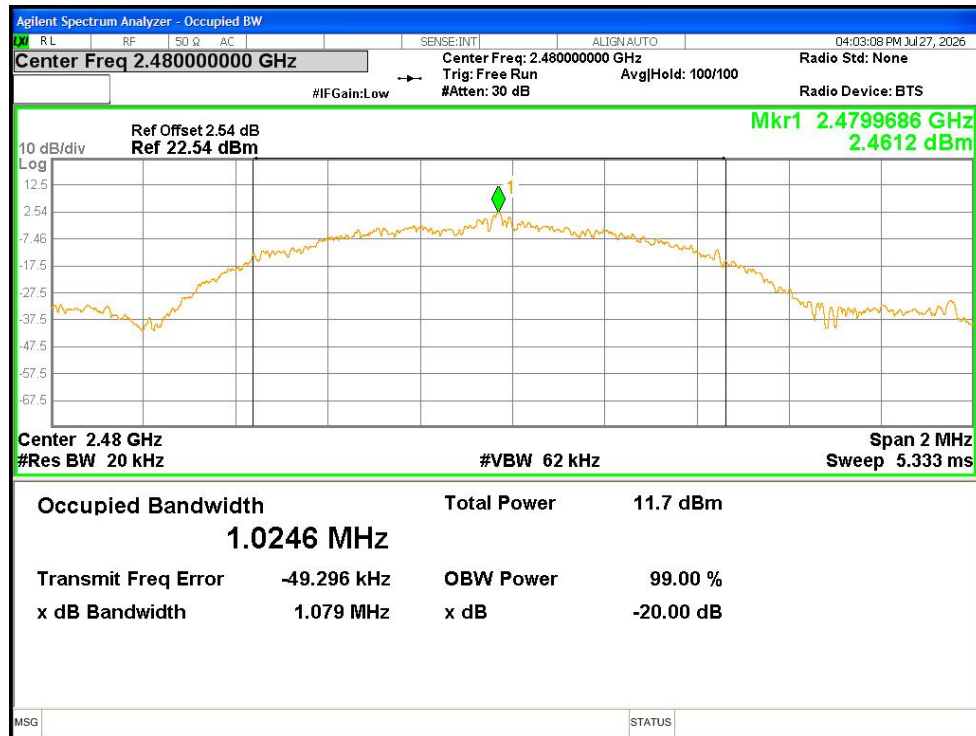


OBW NVNT BLE 1M 2402MHz Ant1

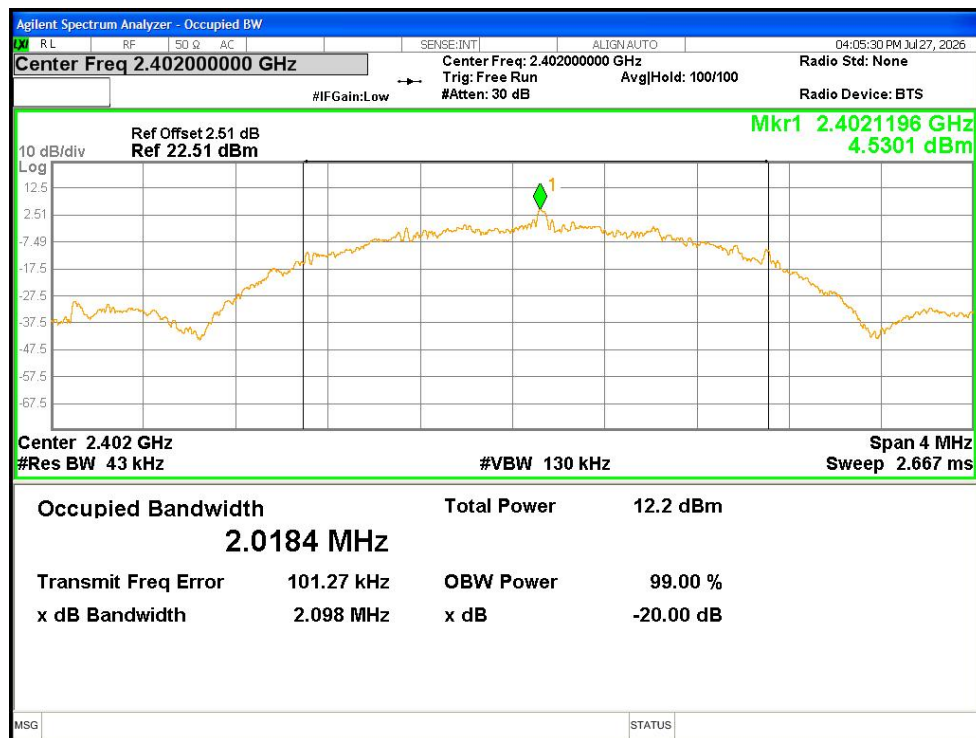


OBW NVNT BLE 1M 2440MHz Ant1

Report

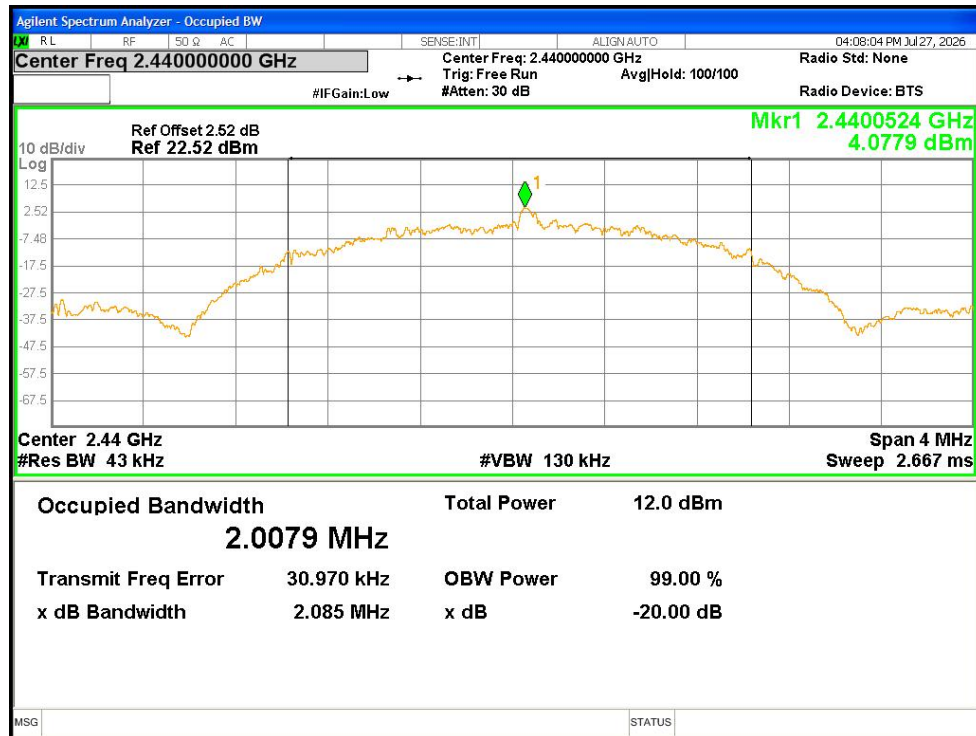


OBW NVNT BLE 1M 2480MHz Ant1

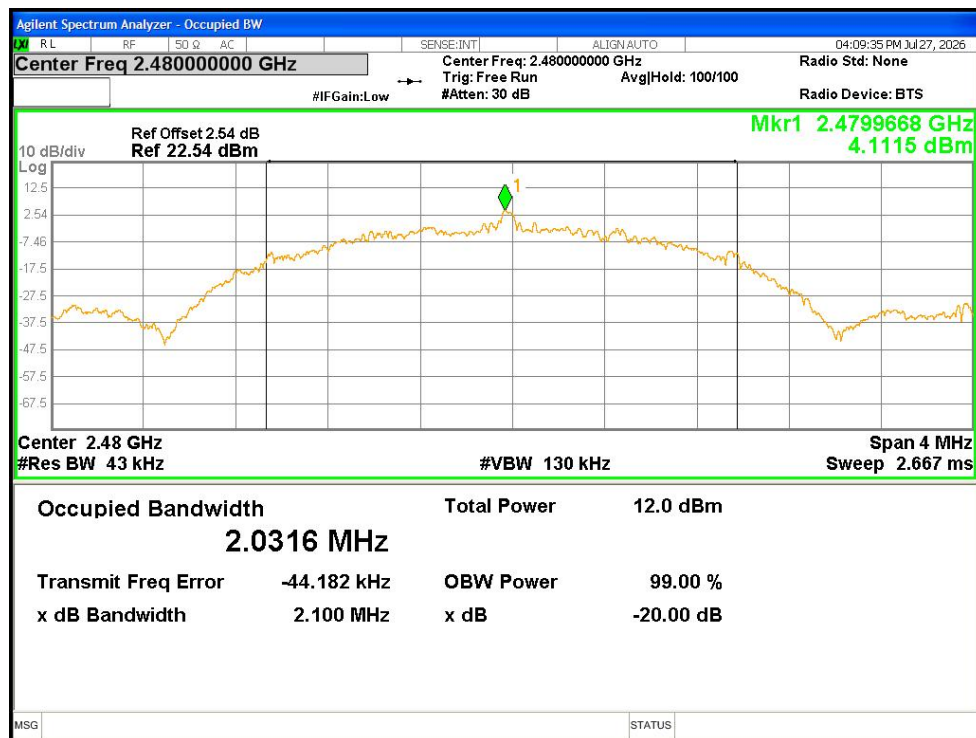


OBW NVNT BLE 2M 2402MHz Ant1

Report



OBW NVNT BLE 2M 2440MHz Ant1

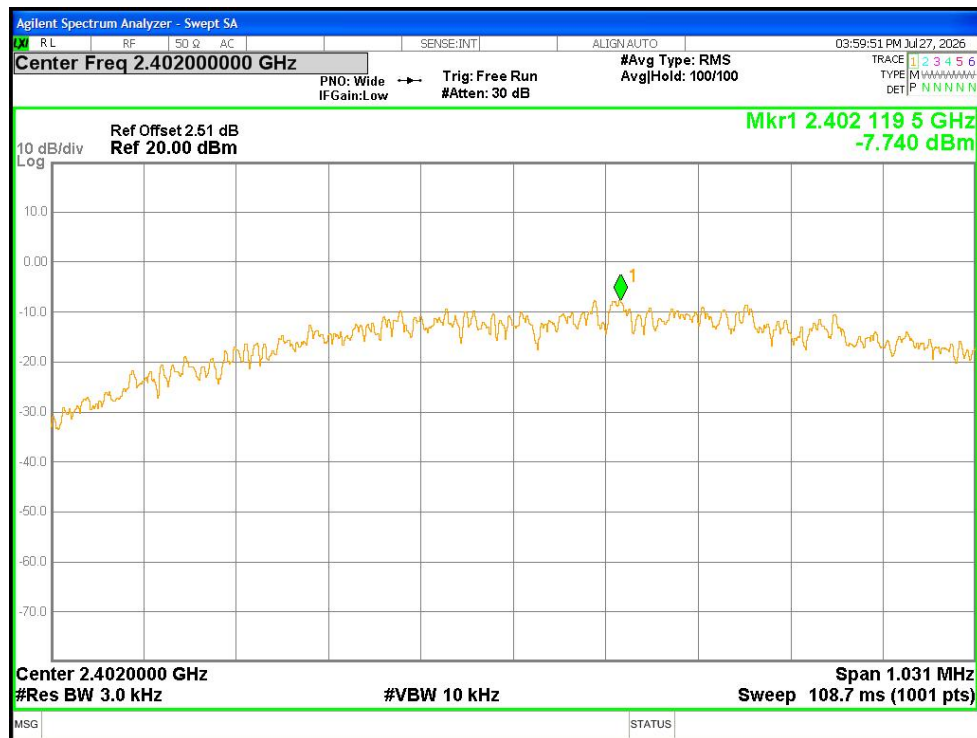


OBW NVNT BLE 2M 2480MHz Ant1

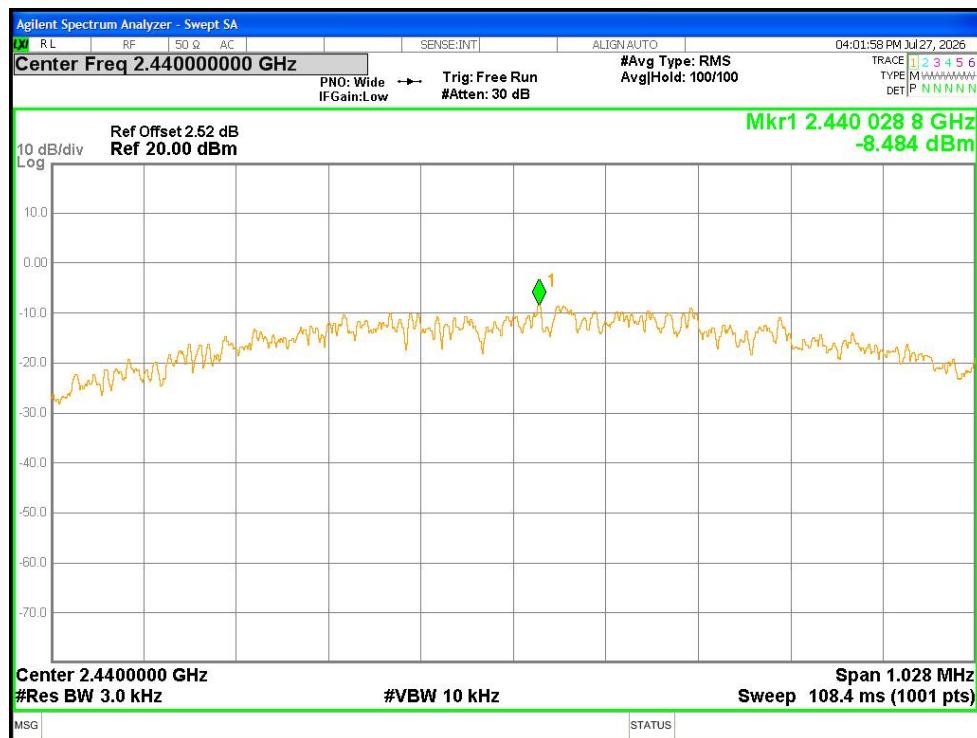
4. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-7.74	-7.74	8	Pass
NVNT	BLE 1M	2440	Ant1	-8.48	-8.48	8	Pass
NVNT	BLE 1M	2480	Ant1	-8.42	-8.42	8	Pass
NVNT	BLE 2M	2402	Ant1	-7.61	-7.61	8	Pass
NVNT	BLE 2M	2440	Ant1	-7.51	-7.51	8	Pass
NVNT	BLE 2M	2480	Ant1	-8.2	-8.2	8	Pass

Report

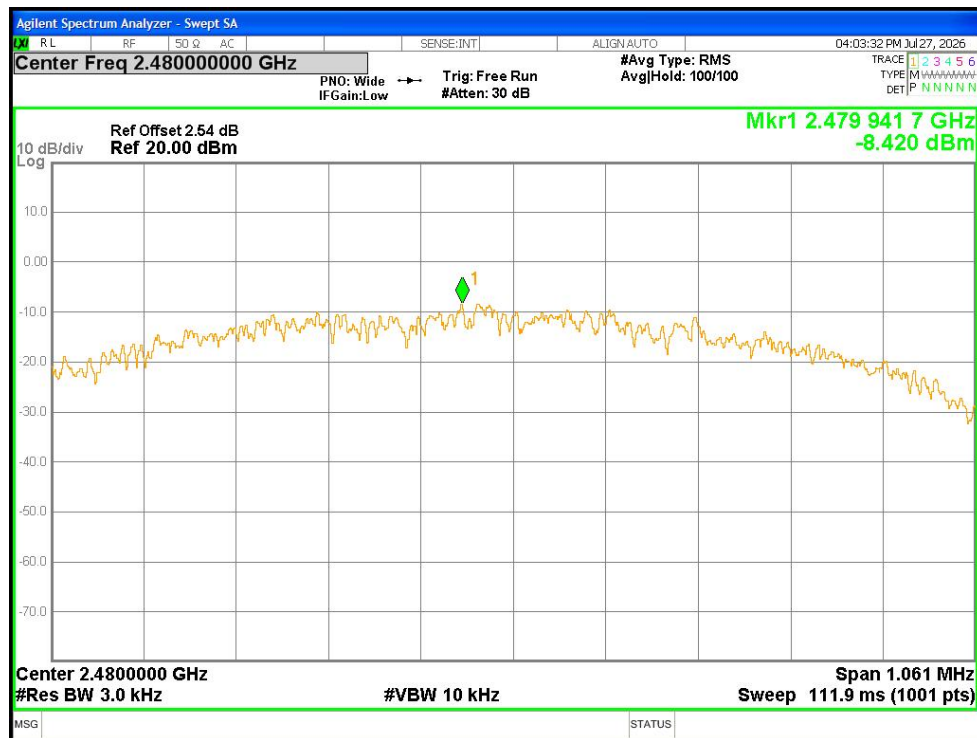


PSD NVNT BLE 1M 2402MHz Ant1

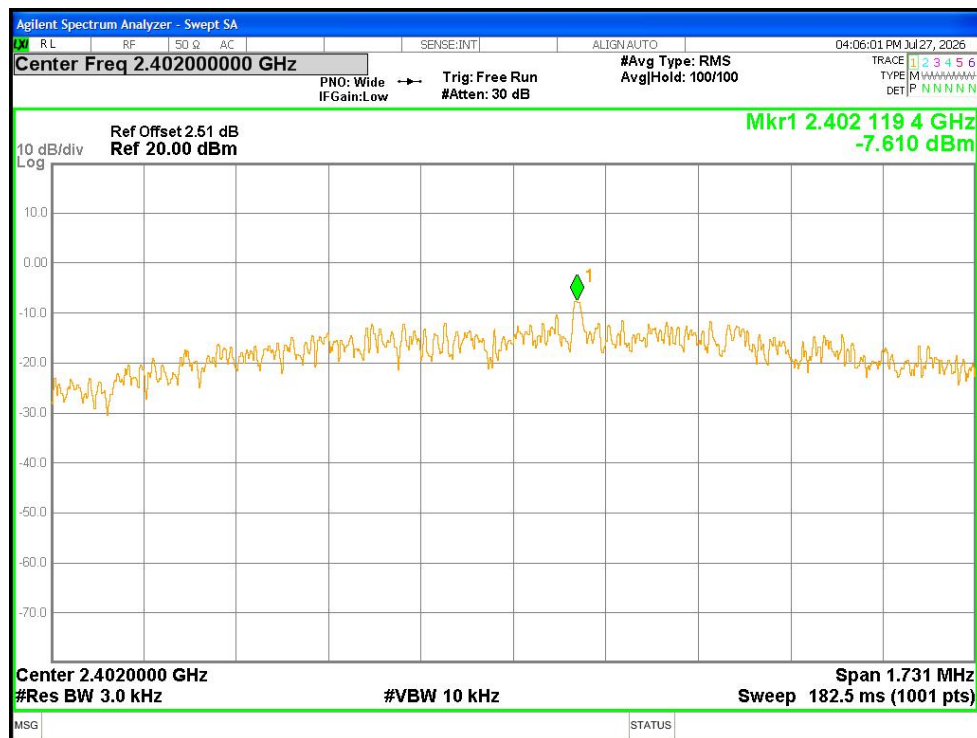


PSD NVNT BLE 1M 2440MHz Ant1

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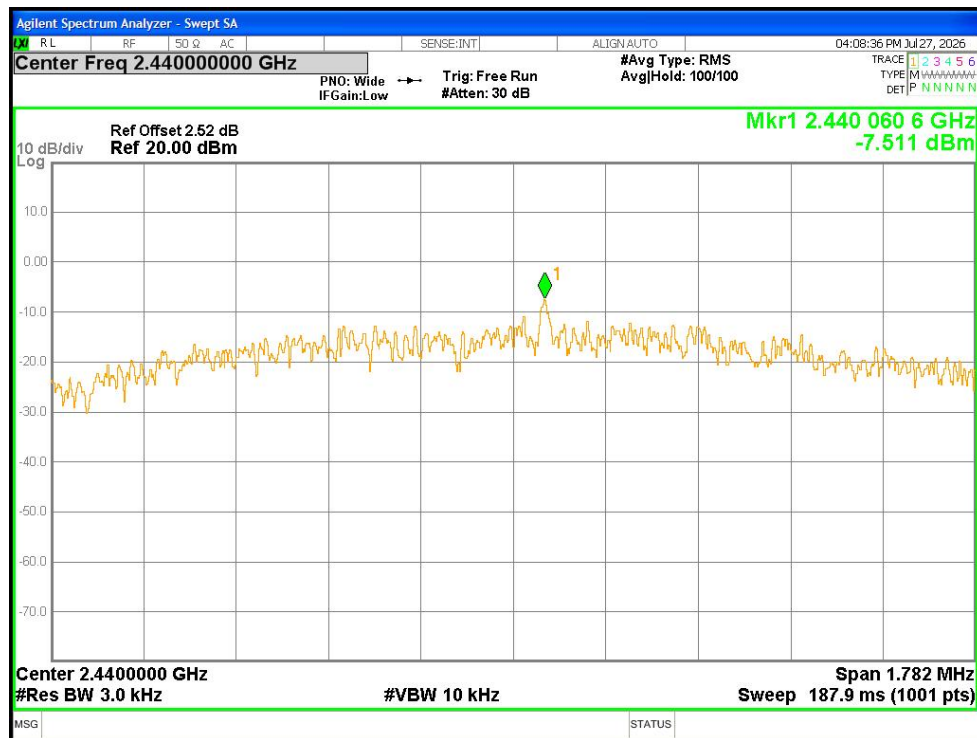


PSD NVNT BLE 1M 2480MHz Ant1

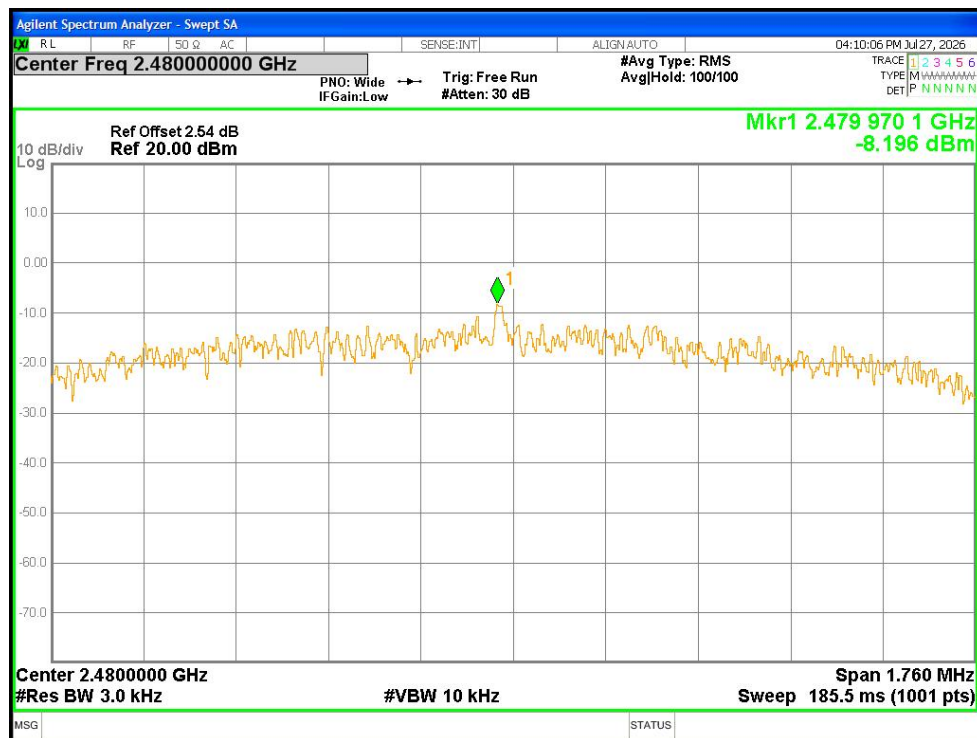


PSD NVNT BLE 2M 2402MHz Ant1

Report



PSD NVNT BLE 2M 2440MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1

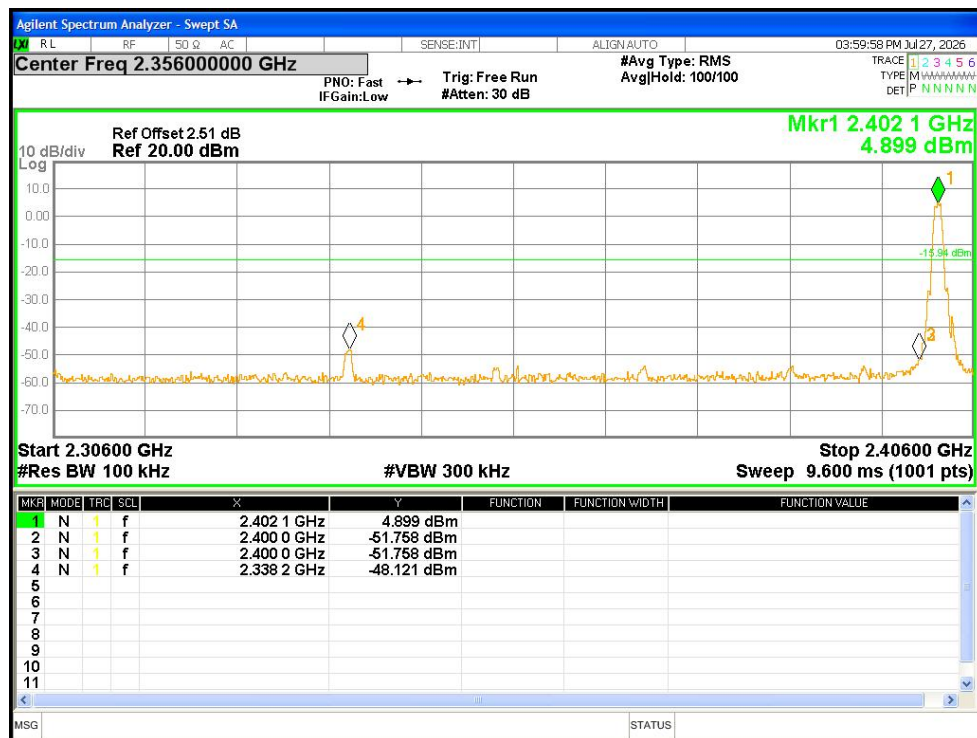
5. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-52.18	-20	Pass
NVNT	BLE 1M	2480	Ant1	-58.55	-20	Pass
NVNT	BLE 2M	2402	Ant1	-37	-20	Pass
NVNT	BLE 2M	2480	Ant1	-58.59	-20	Pass

Report



Band Edge NVNT BLE 1M 2402MHz Ant1 Ref

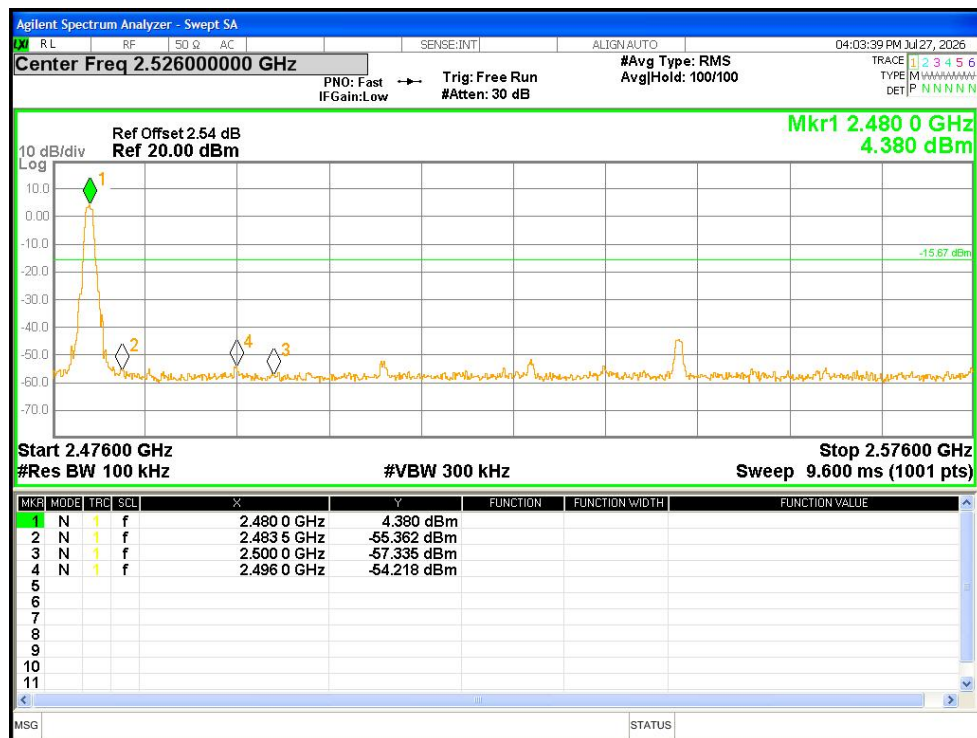


Band Edge NVNT BLE 1M 2402MHz Ant1 Emission

Report



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref

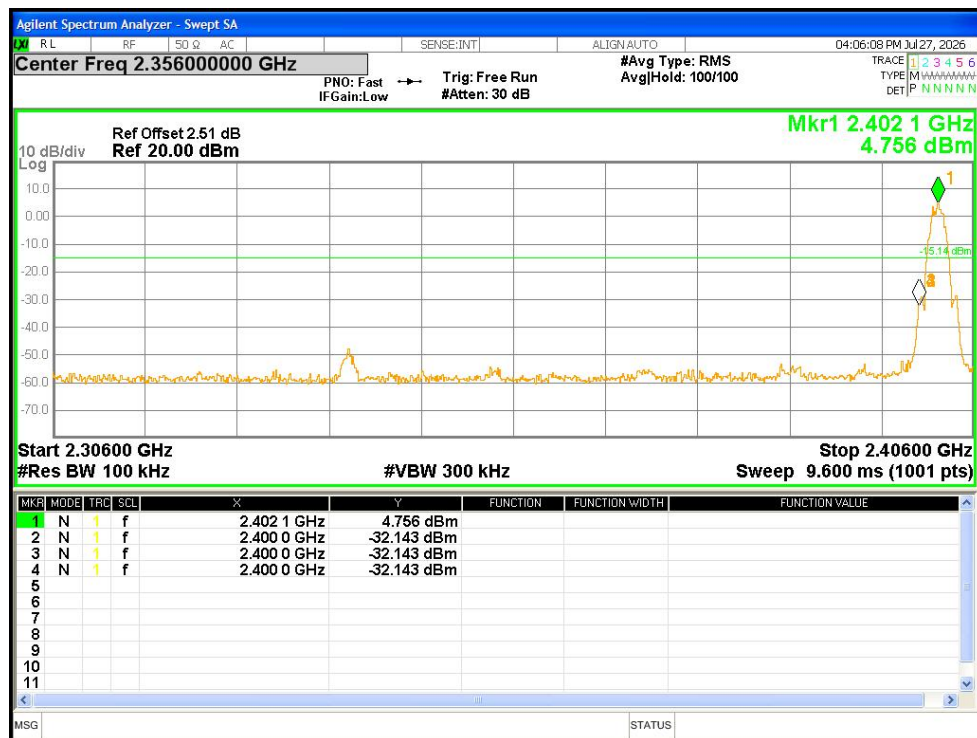


Band Edge NVNT BLE 1M 2480MHz Ant1 Emission

Report



Band Edge NVNT BLE 2M 2402MHz Ant1 Ref

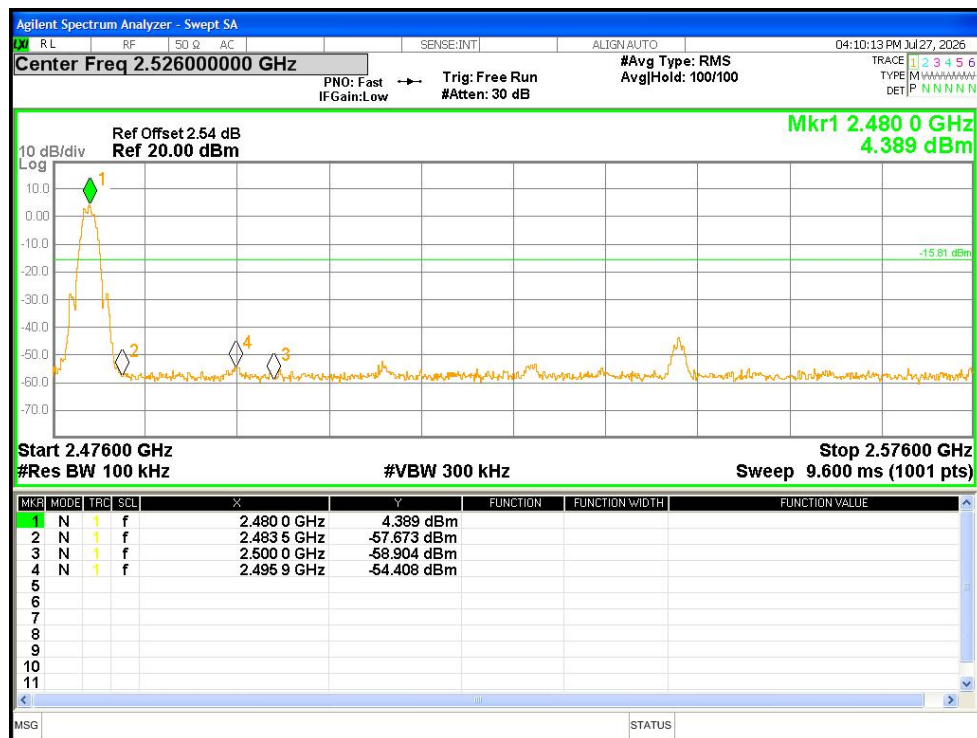


Band Edge NVNT BLE 2M 2402MHz Ant1 Emission

Report



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref

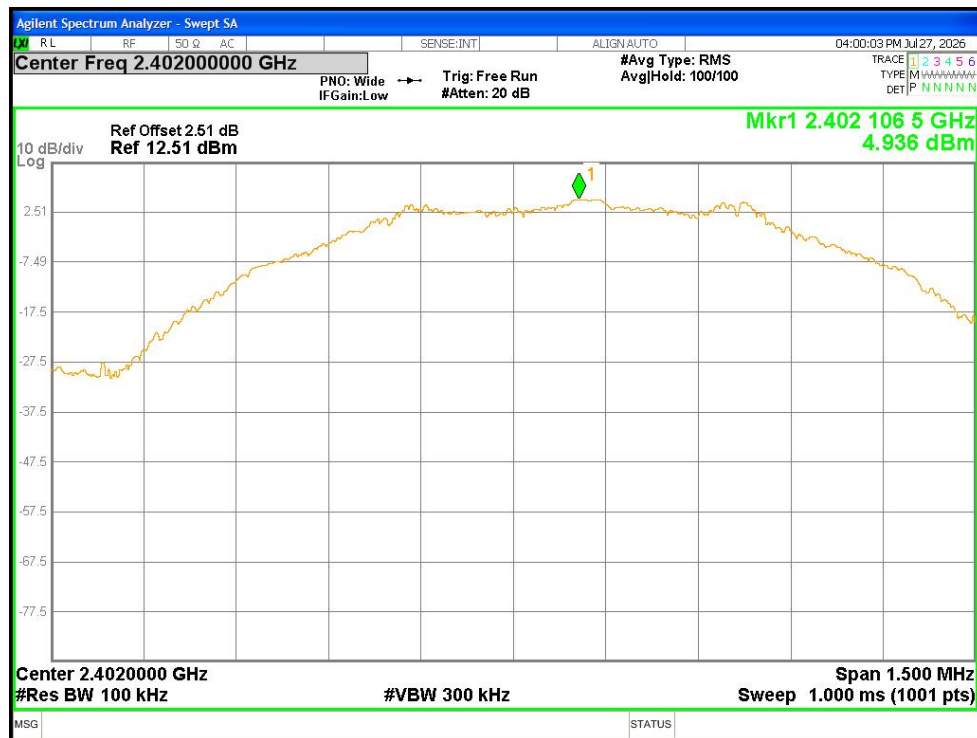


Band Edge NVNT BLE 2M 2480MHz Ant1 Emission

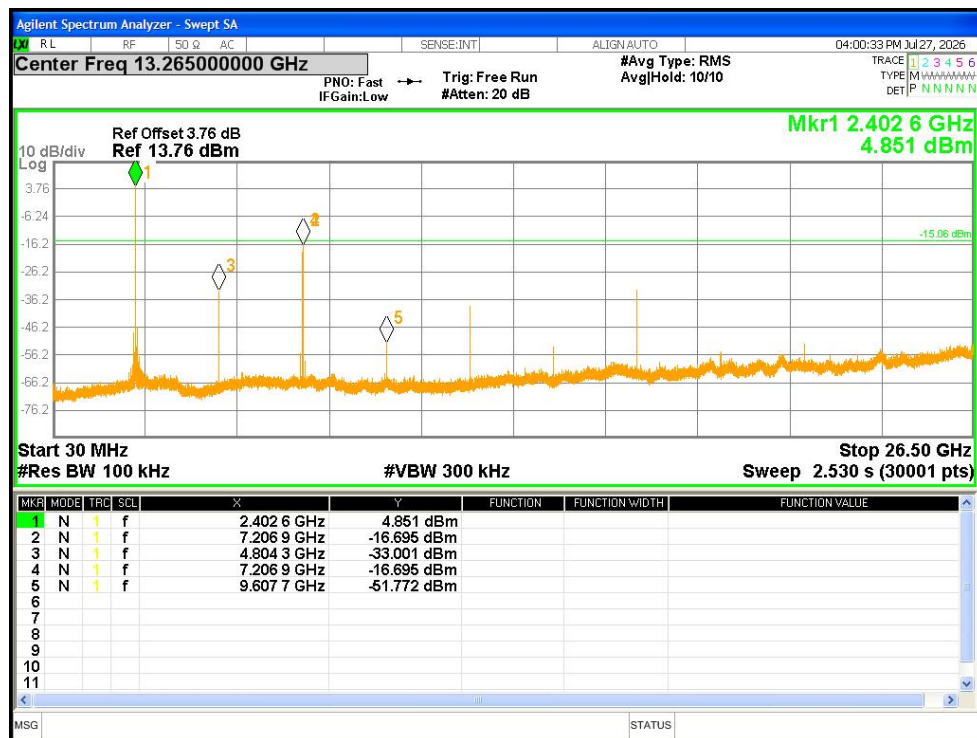
6. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-21.63	-20	Pass
NVNT	BLE 1M	2440	Ant1	-20.1	-20	Pass
NVNT	BLE 1M	2480	Ant1	-24.54	-20	Pass
NVNT	BLE 2M	2402	Ant1	-25.84	-20	Pass
NVNT	BLE 2M	2440	Ant1	-20.01	-20	Pass
NVNT	BLE 2M	2480	Ant1	-24.81	-20	Pass

Report

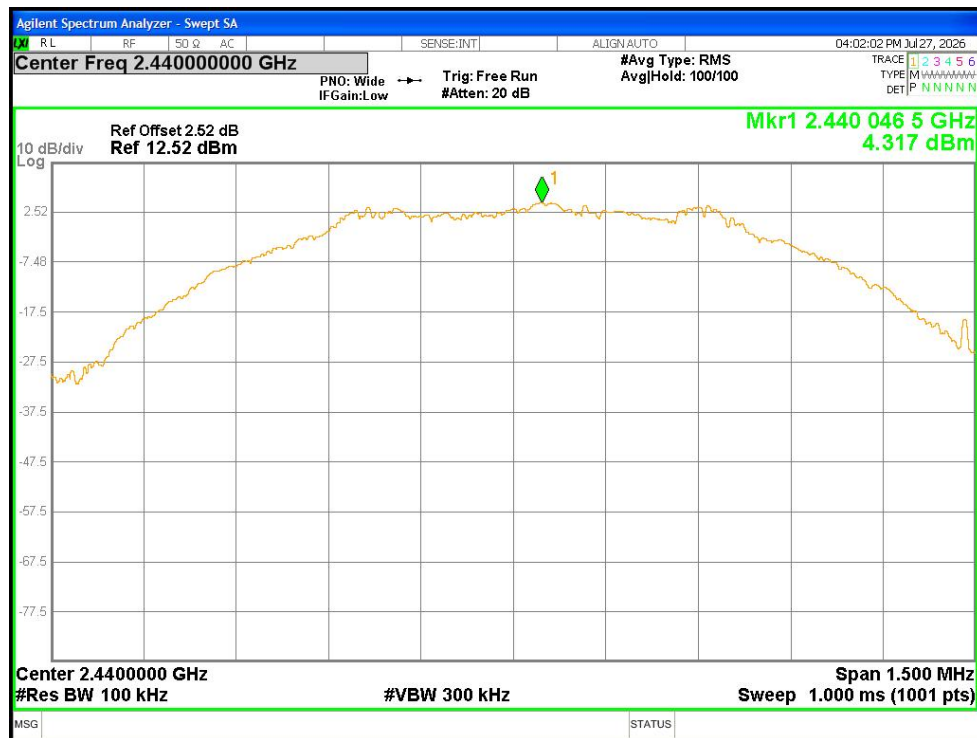


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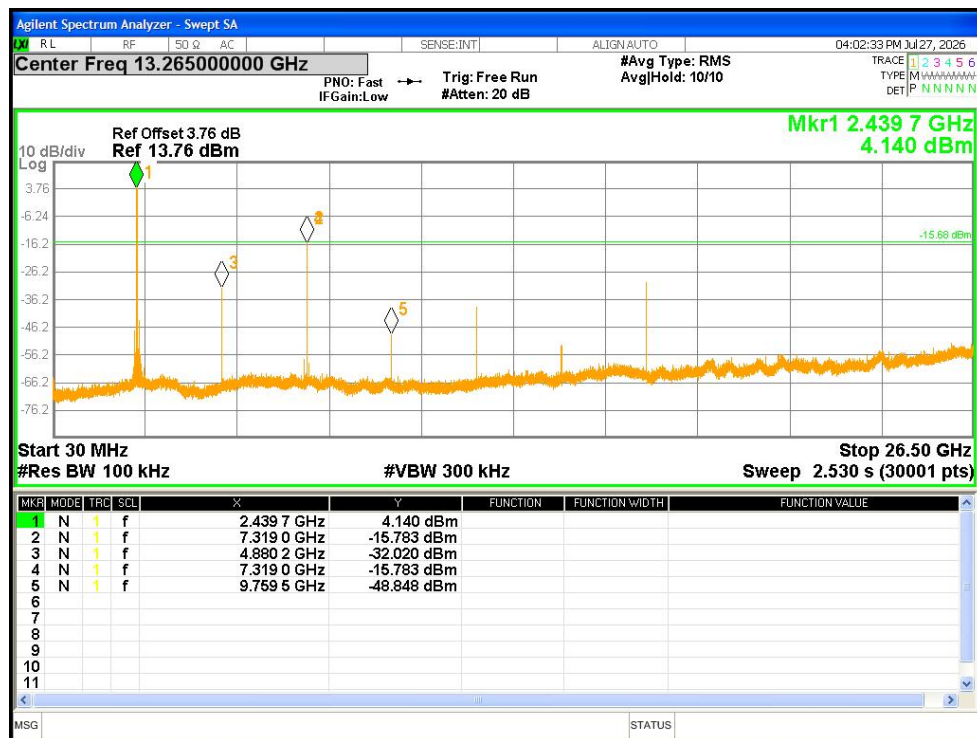


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission

Report

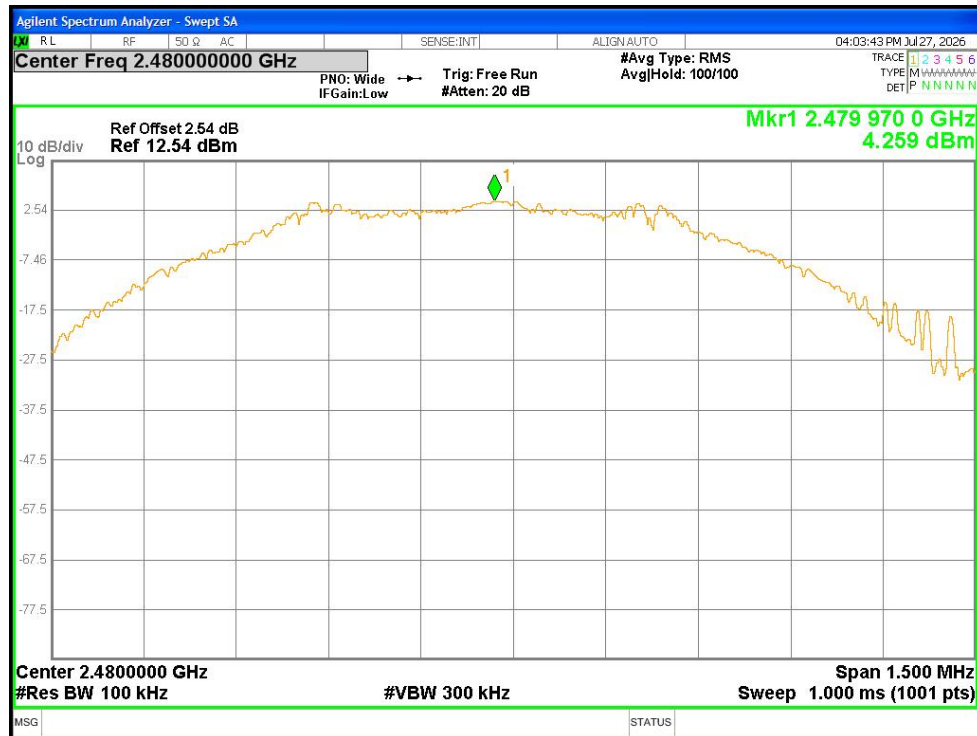


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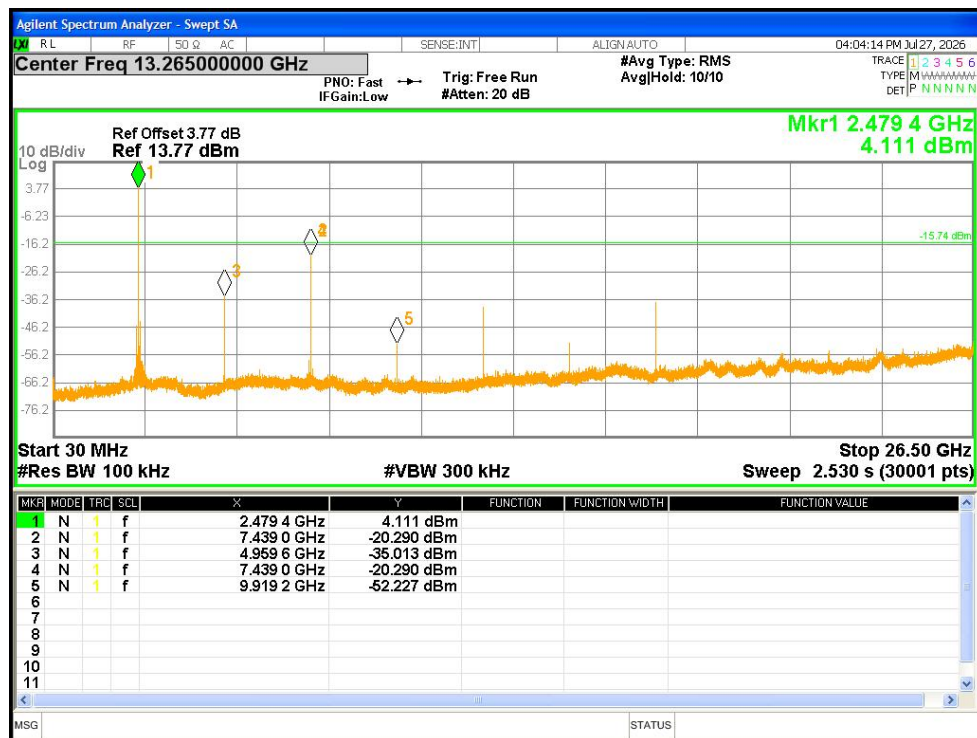


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission

Report

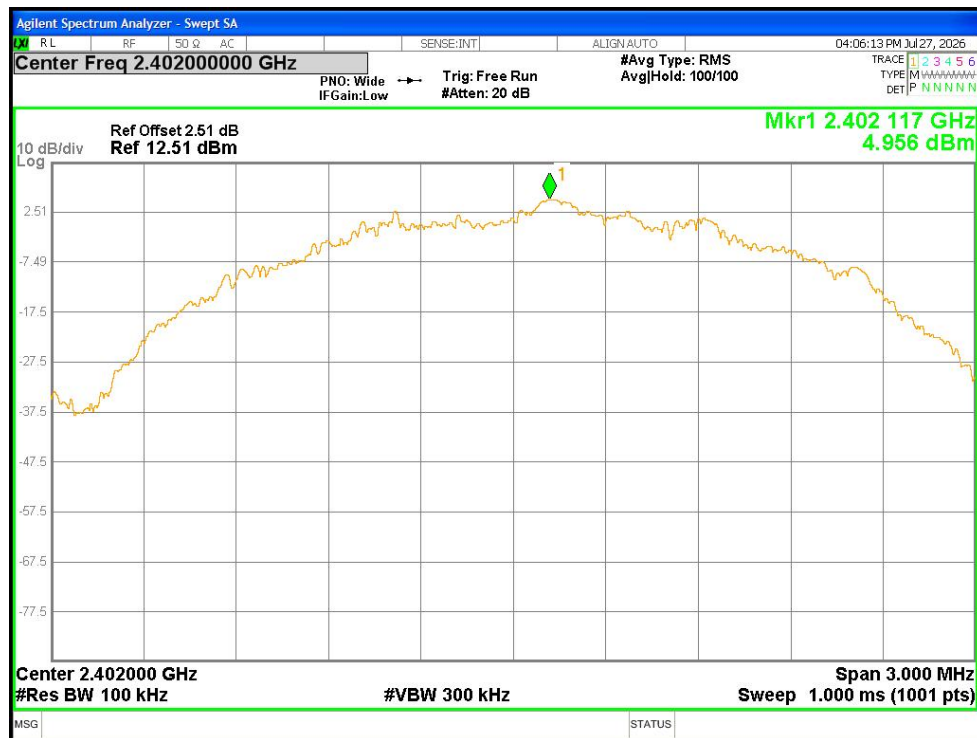


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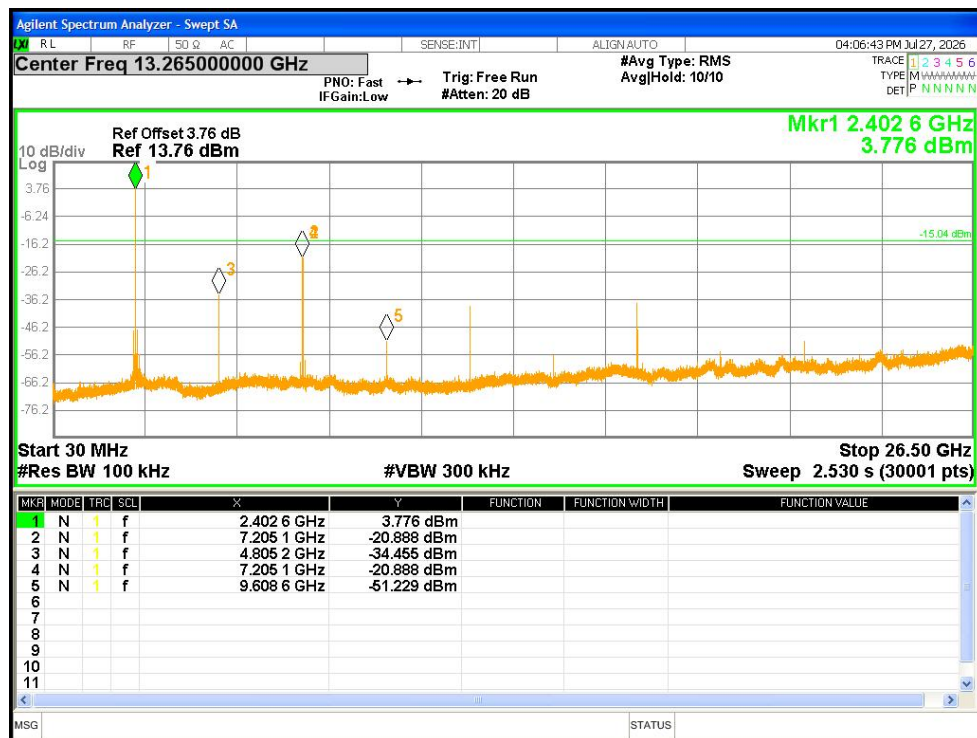


Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission

Report

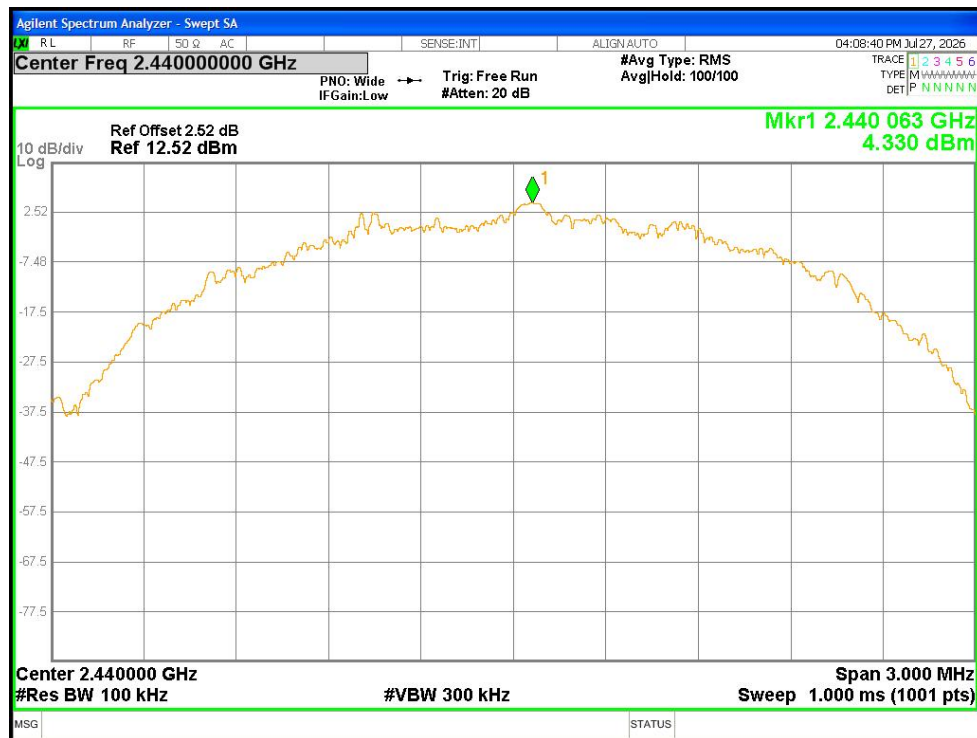


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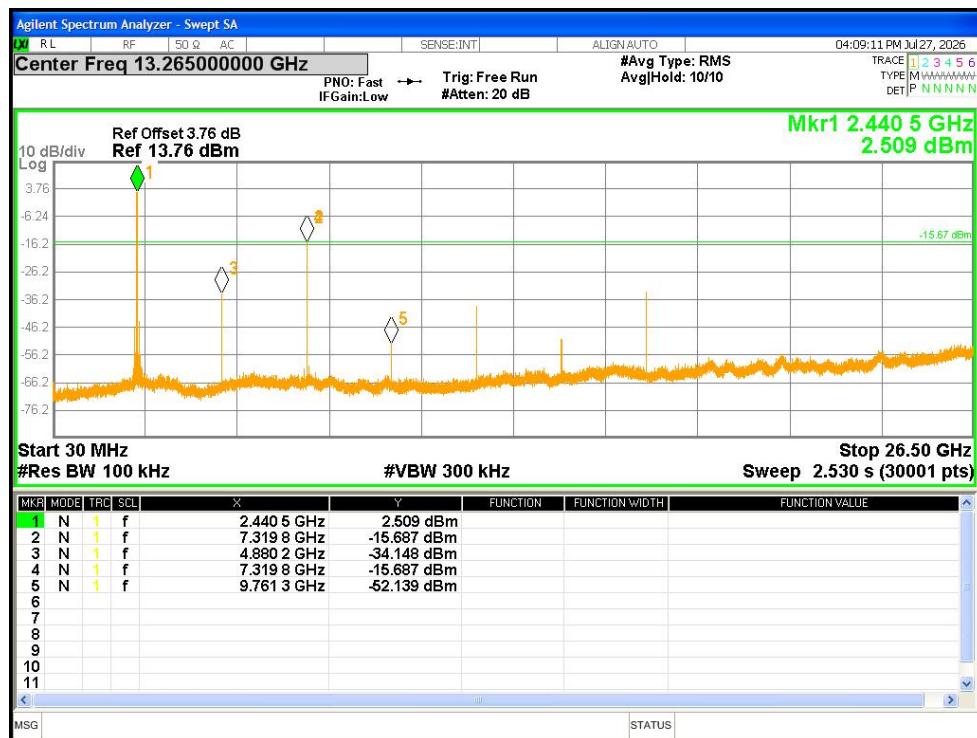


Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission

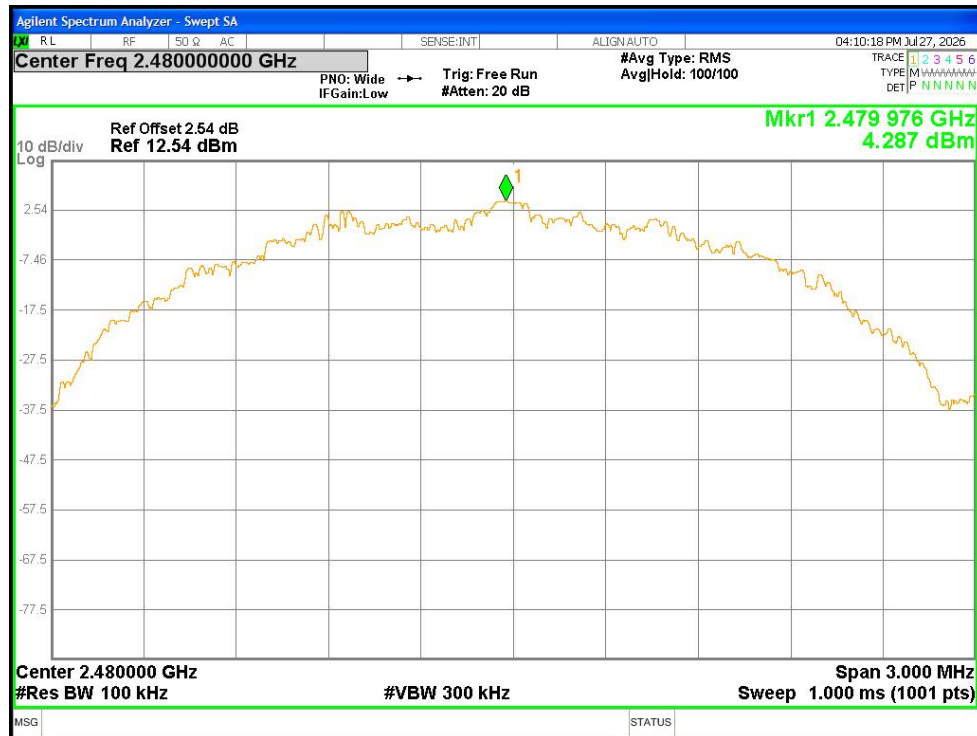
Report



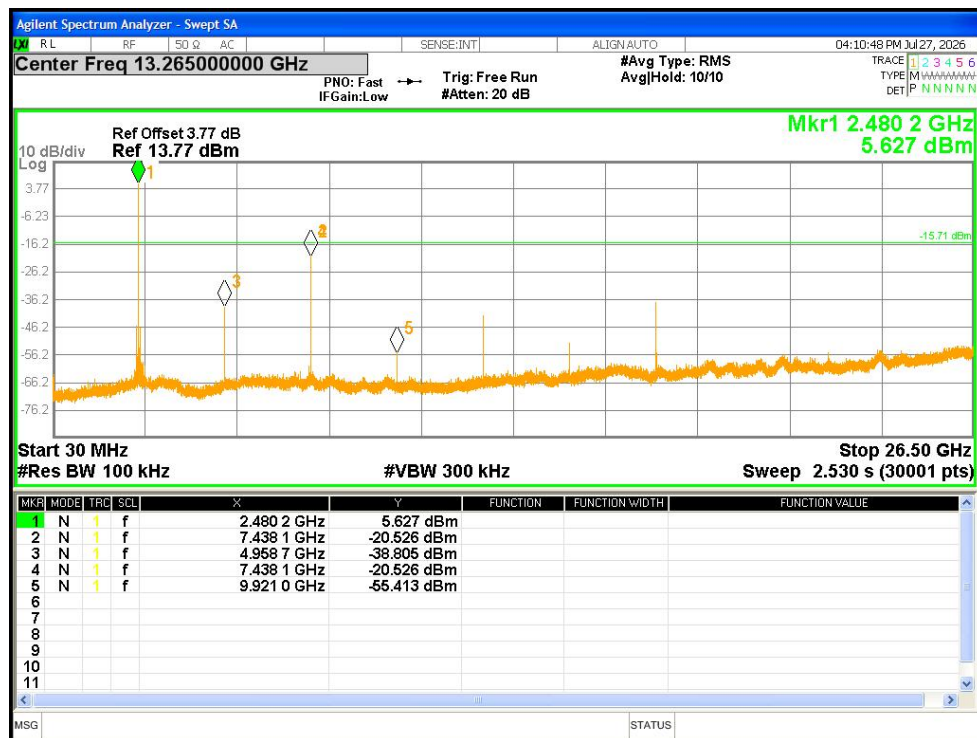
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission