

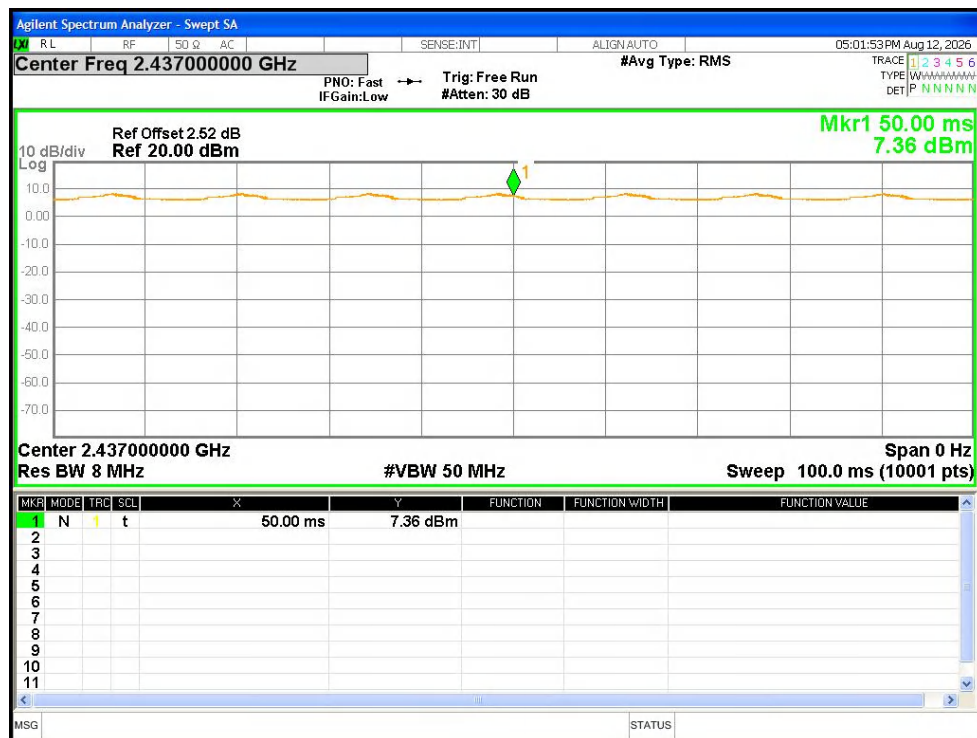
HONG KONG FALCON OPTICS CO., LIMITED**Model: M2V2.0-650L****FCC ID: 2BOZ9-M2V20-650L****1. Duty Cycle**

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	100	0	0
NVNT	g	2437	Ant1	100	0	0
NVNT	g	2462	Ant1	100	0	0

Report

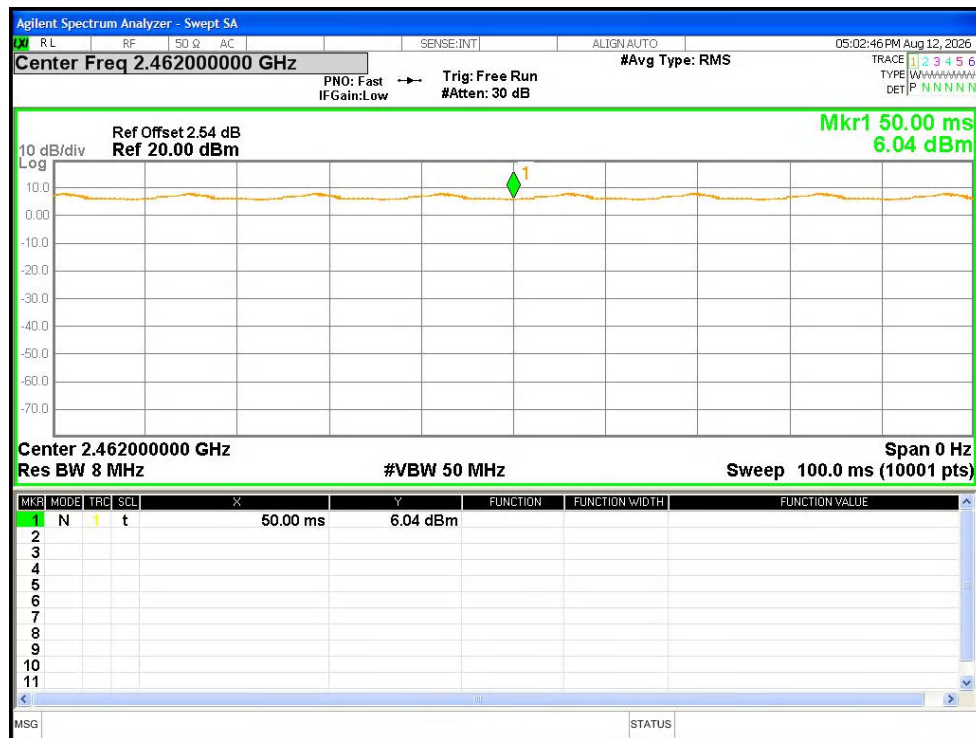


Duty Cycle NVNT b 2412MHz Ant1

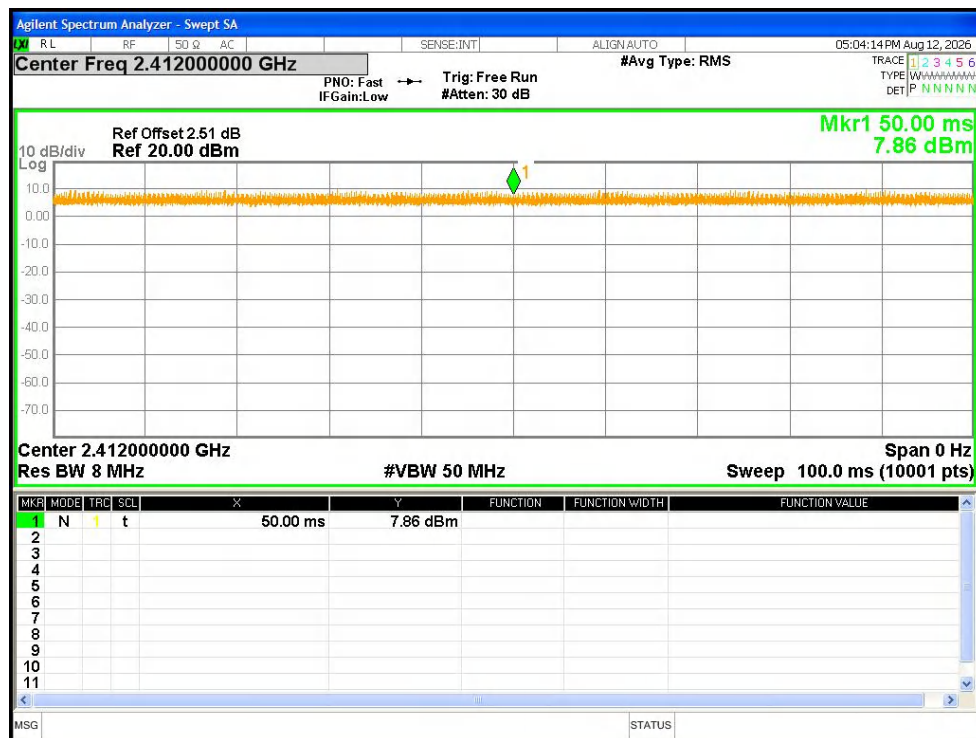


Duty Cycle NVNT b 2437MHz Ant1

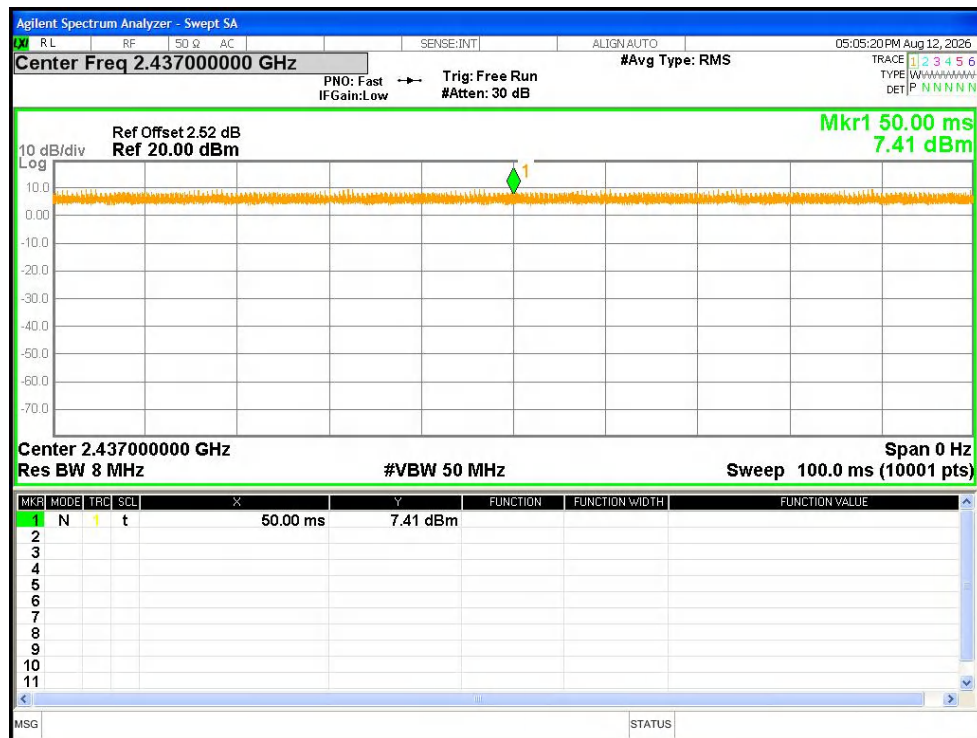
Report



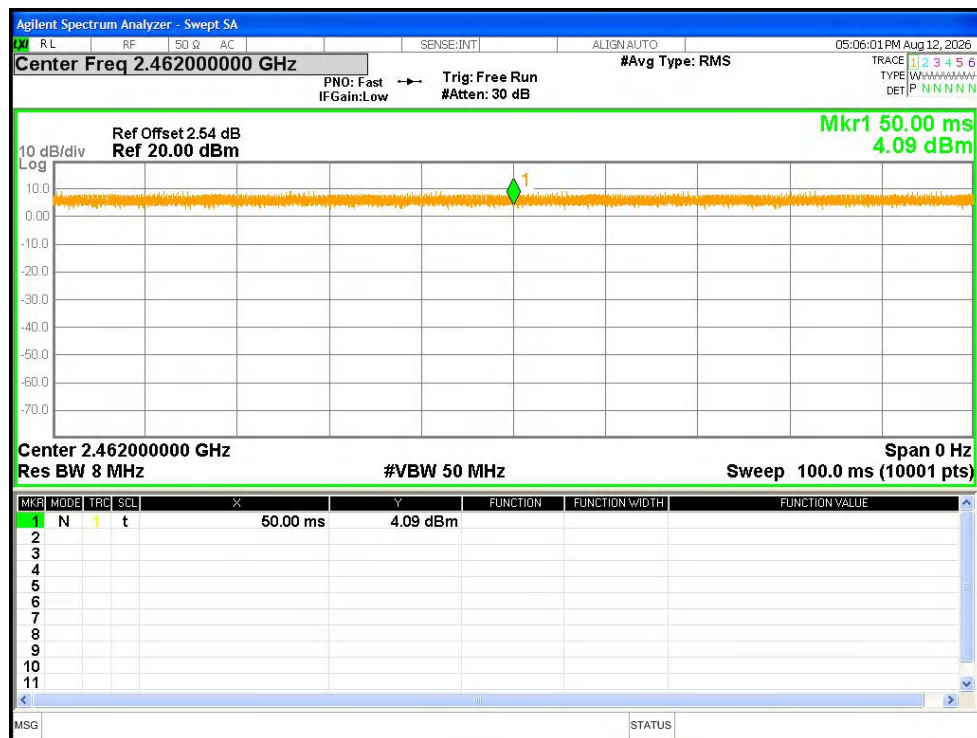
Duty Cycle NVNT b 2462MHz Ant1



Duty Cycle NVNT g 2412MHz Ant1



Duty Cycle NVNT g 2437MHz Ant1

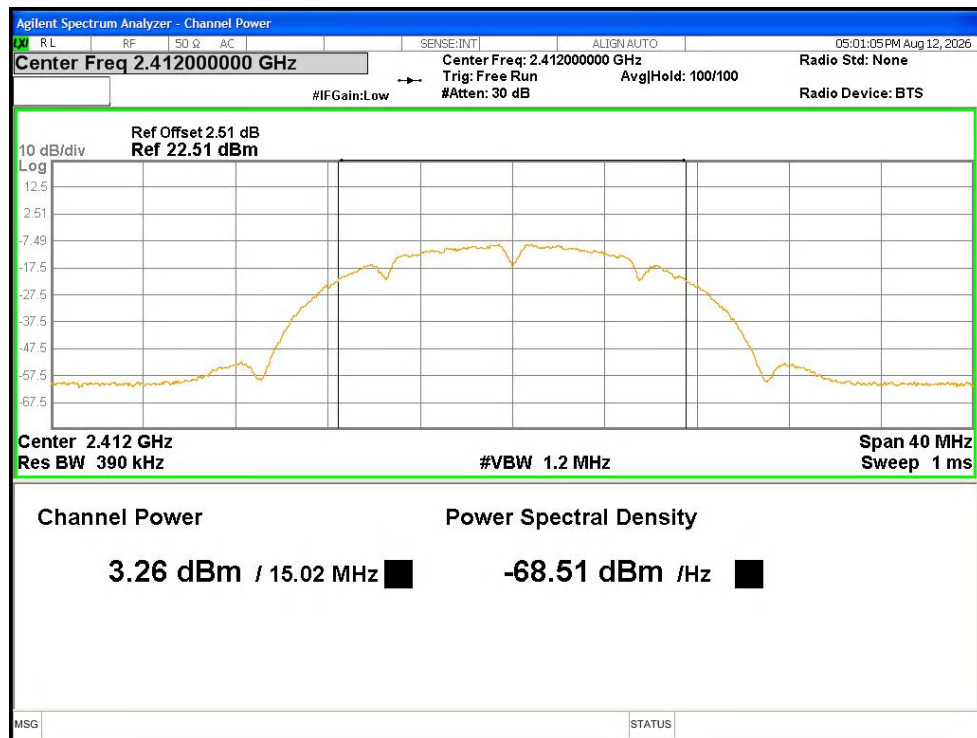


Duty Cycle NVNT g 2462MHz Ant1

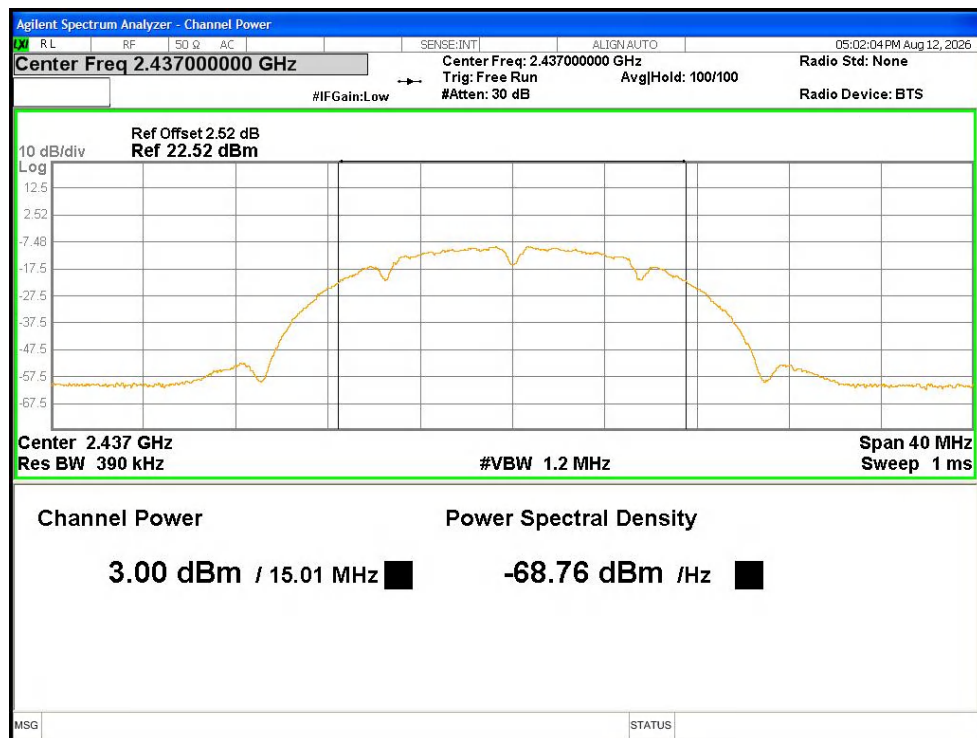
2. Maximum Average Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	3.26	0	3.26	30	Pass
NVNT	b	2437	Ant1	3	0	3	30	Pass
NVNT	b	2462	Ant1	2.81	0	2.81	30	Pass
NVNT	g	2412	Ant1	2.8	0	2.8	30	Pass
NVNT	g	2437	Ant1	2.57	0	2.57	30	Pass
NVNT	g	2462	Ant1	2.24	0	2.24	30	Pass

Report

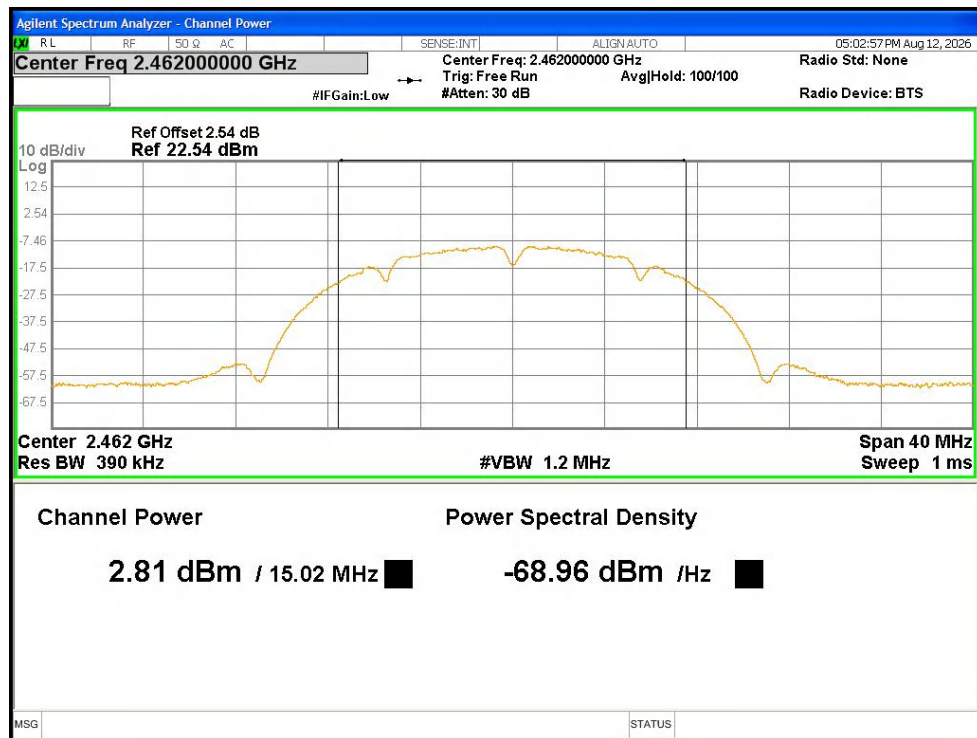


Average Power NVNT b 2412MHz Ant1

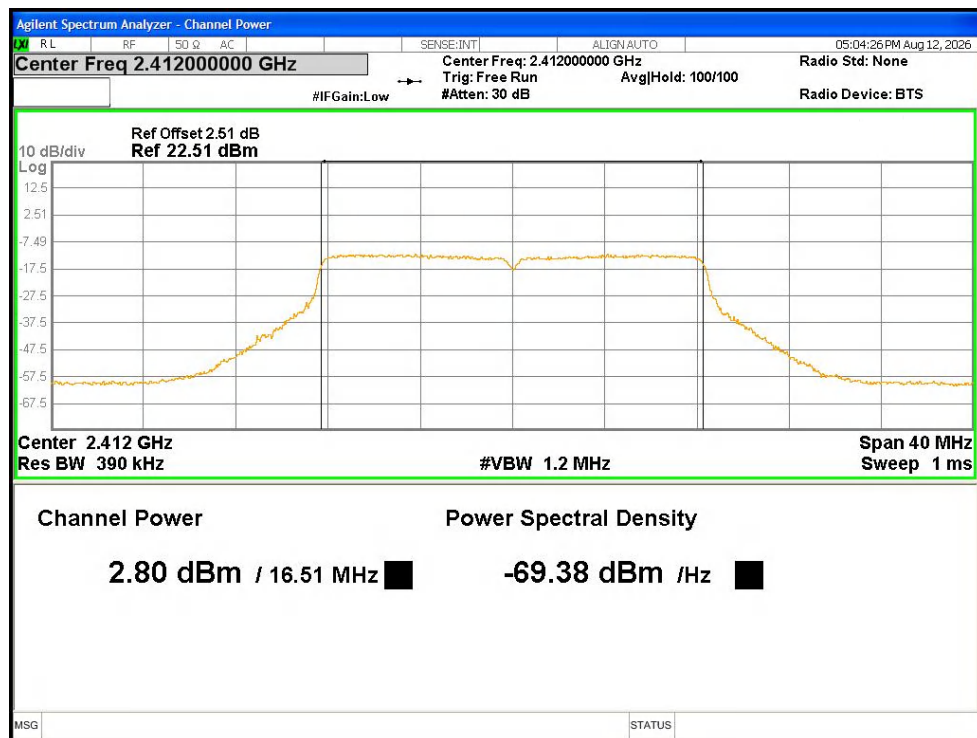


Average Power NVNT b 2437MHz Ant1

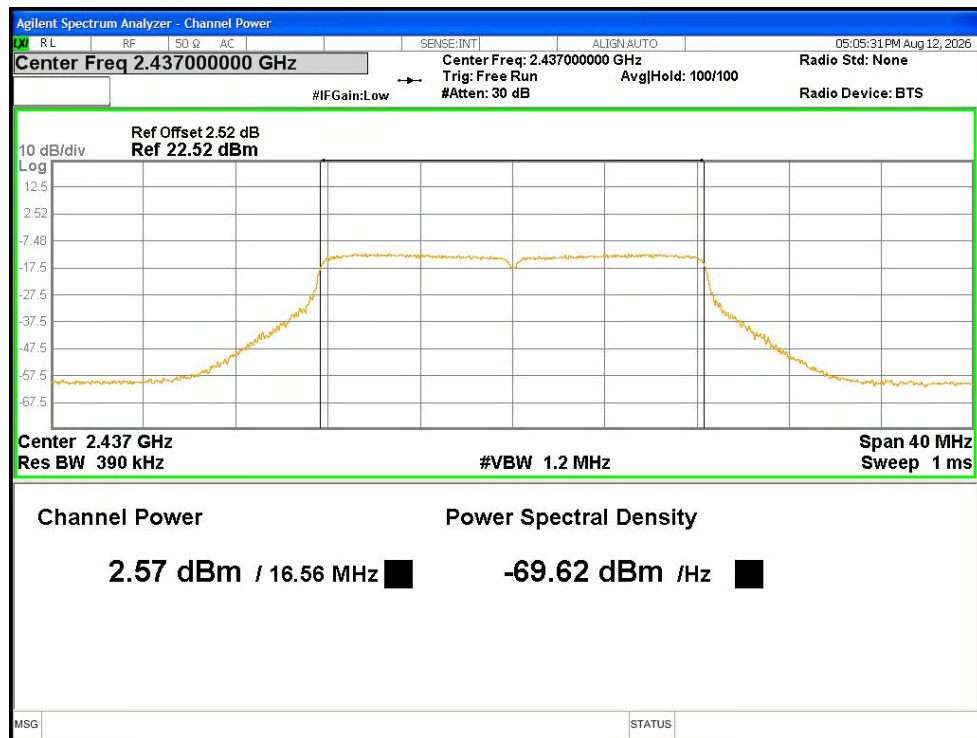
Report



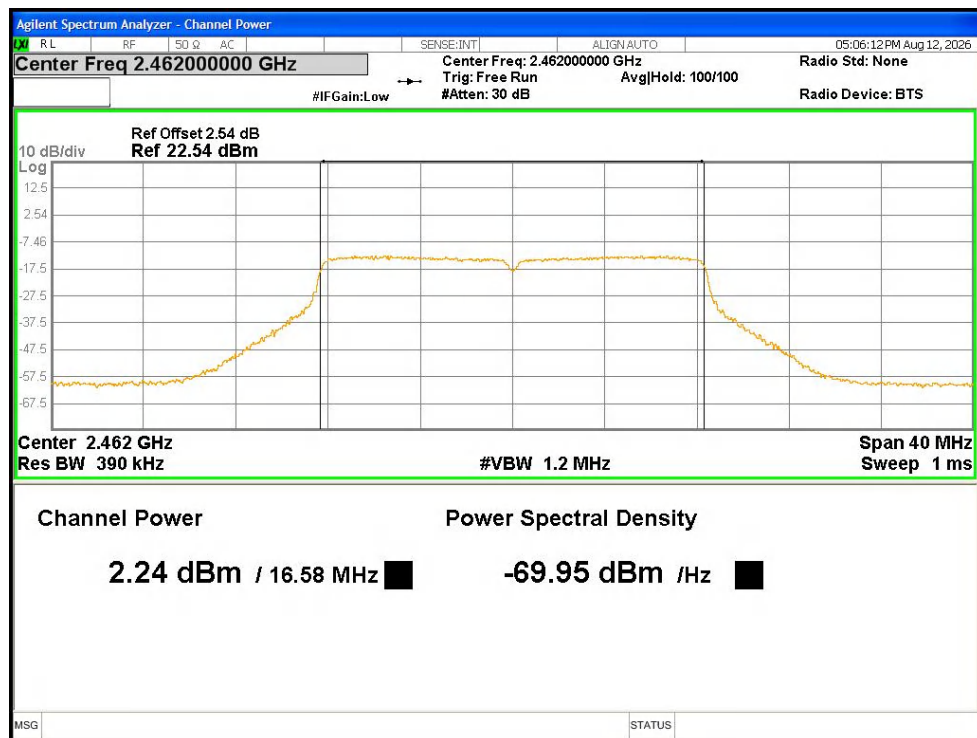
Average Power NVNT b 2462MHz Ant1



Average Power NVNT g 2412MHz Ant1



Average Power NVNT g 2437MHz Ant1

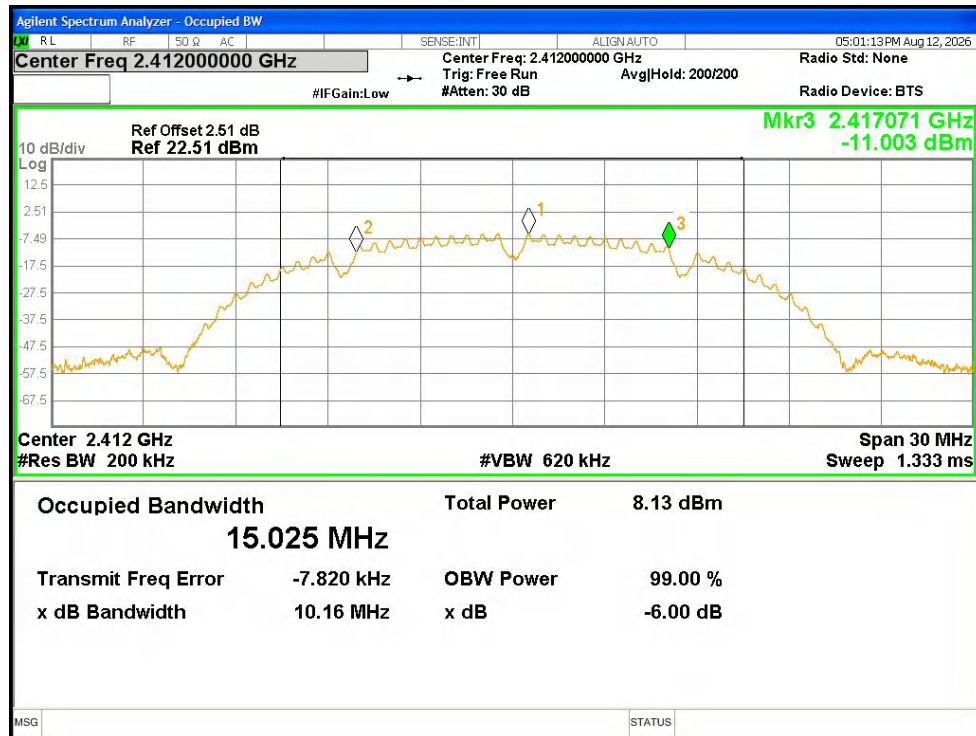


Average Power NVNT g 2462MHz Ant1

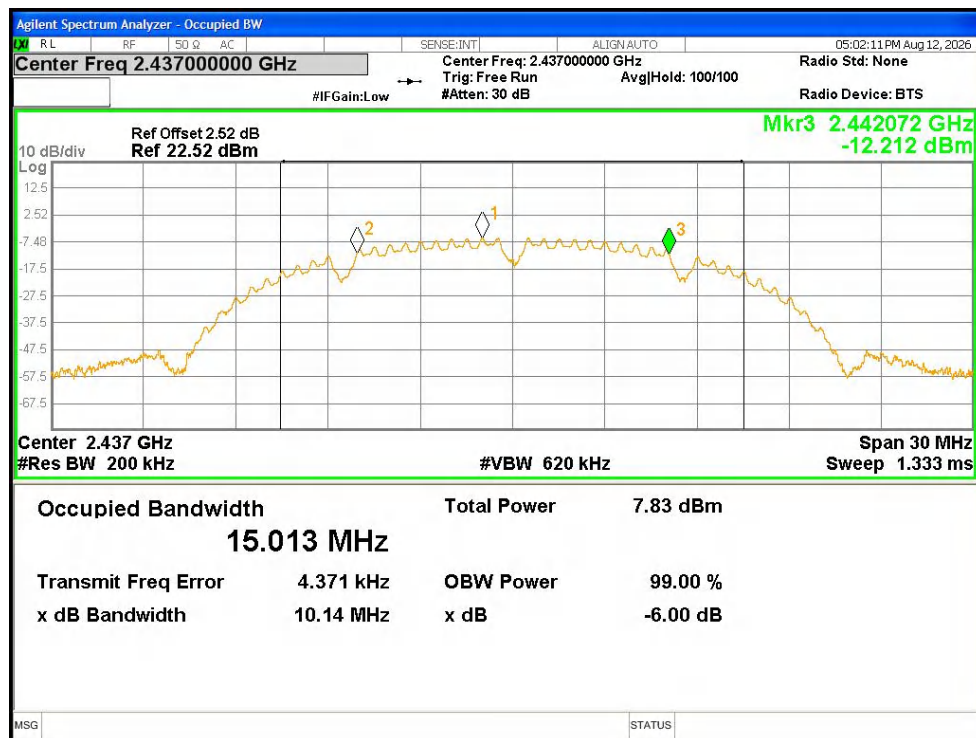
3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.157	0.5	Pass
NVNT	b	2437	Ant1	10.135	0.5	Pass
NVNT	b	2462	Ant1	10.155	0.5	Pass
NVNT	g	2412	Ant1	16.356	0.5	Pass
NVNT	g	2437	Ant1	16.453	0.5	Pass
NVNT	g	2462	Ant1	16.388	0.5	Pass

Report

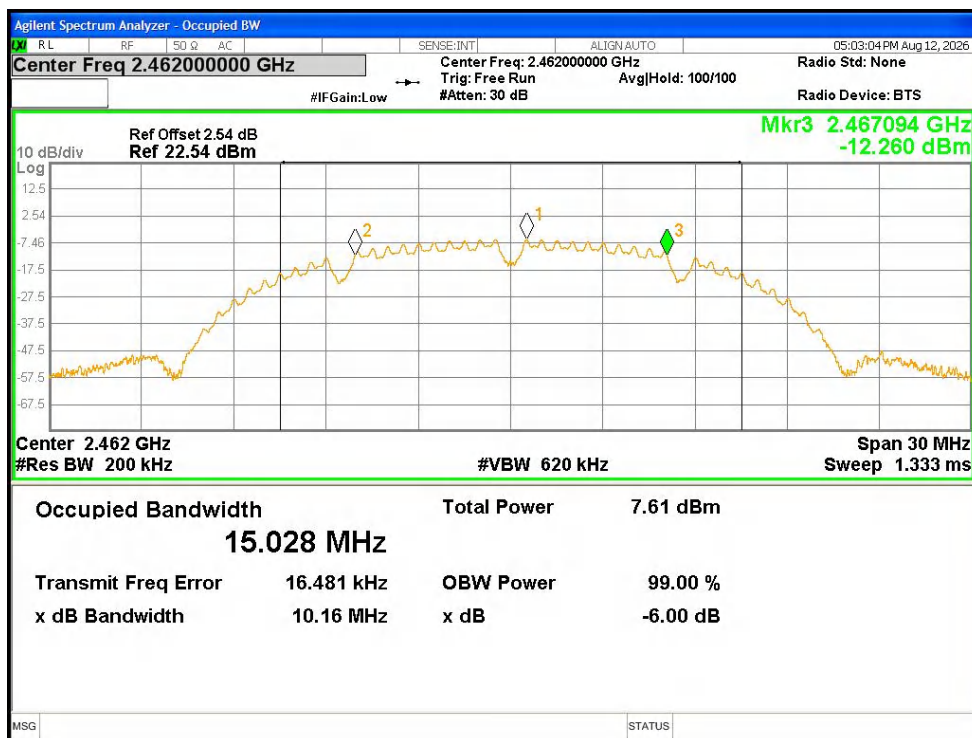


-6dB Bandwidth NVNT b 2412MHz Ant1

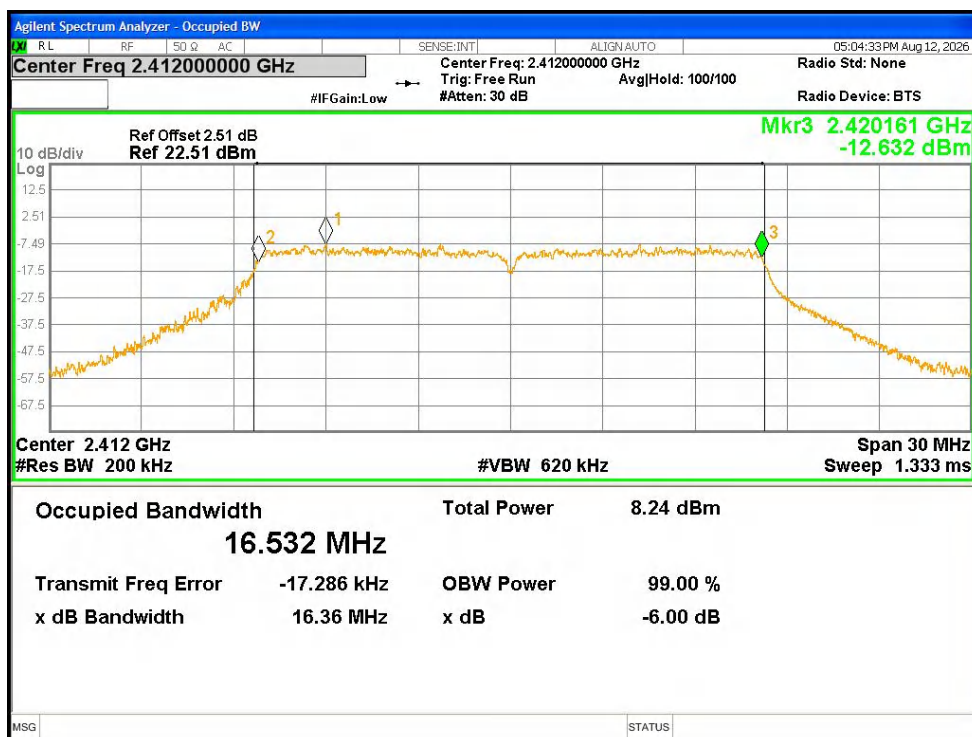


-6dB Bandwidth NVNT b 2437MHz Ant1

Report

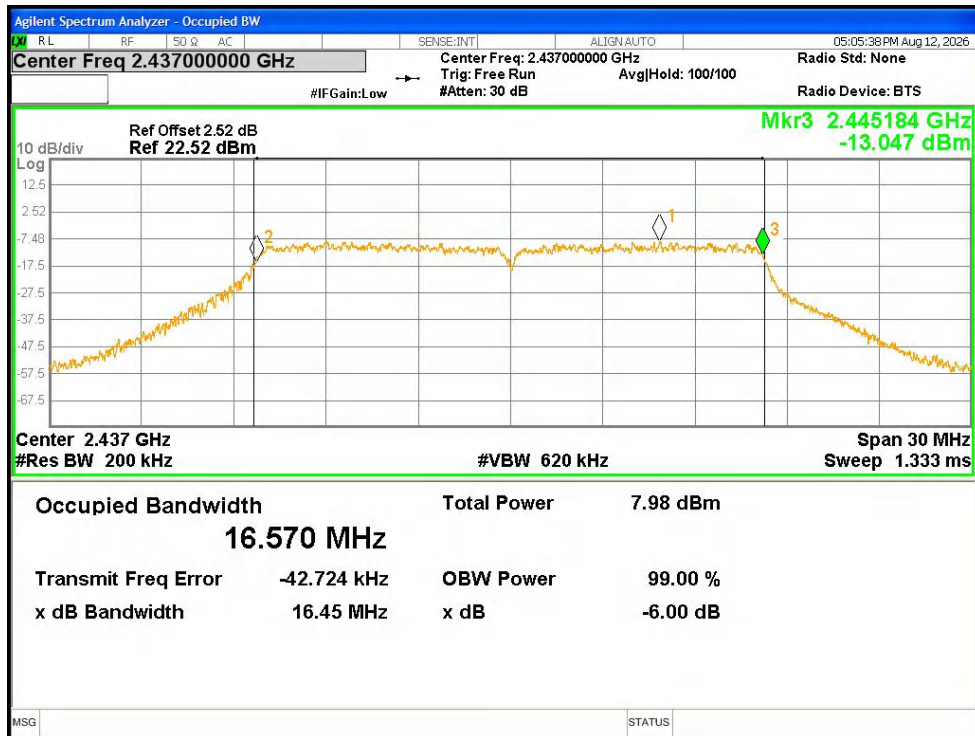


-6dB Bandwidth NVNT b 2462MHz Ant1

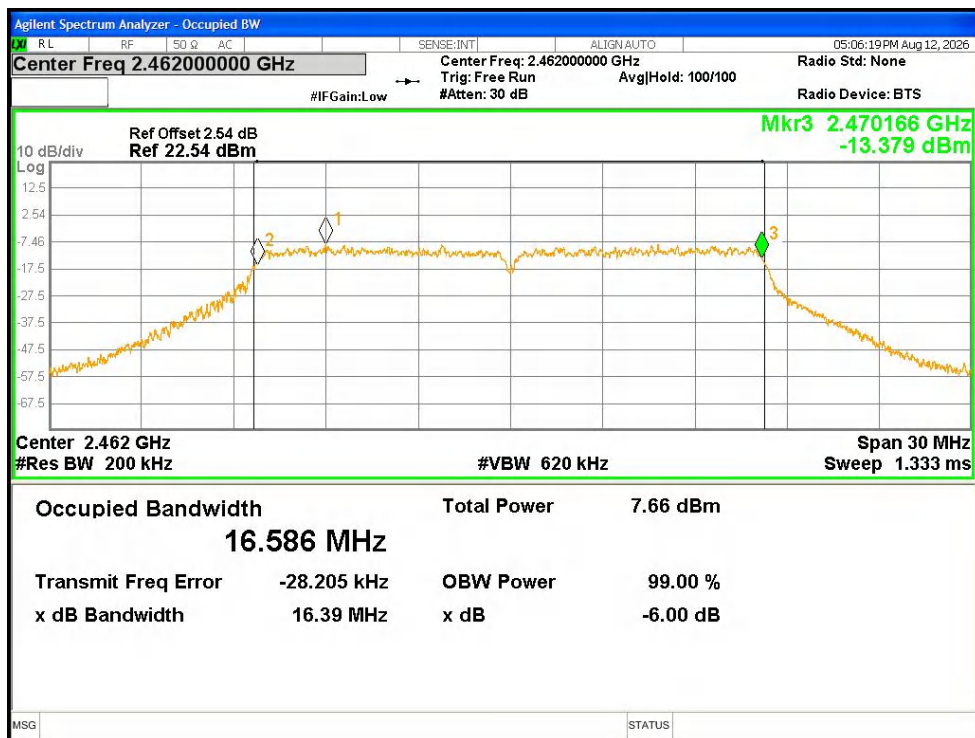


-6dB Bandwidth NVNT g 2412MHz Ant1

Report



-6dB Bandwidth NVNT g 2437MHz Ant1

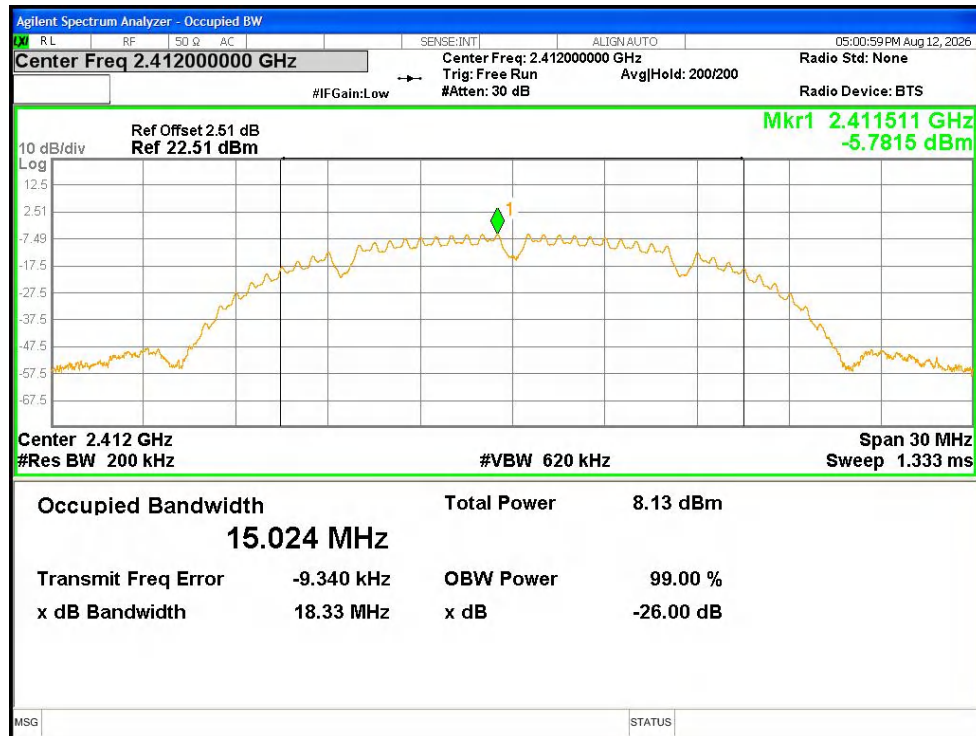


-6dB Bandwidth NVNT g 2462MHz Ant1

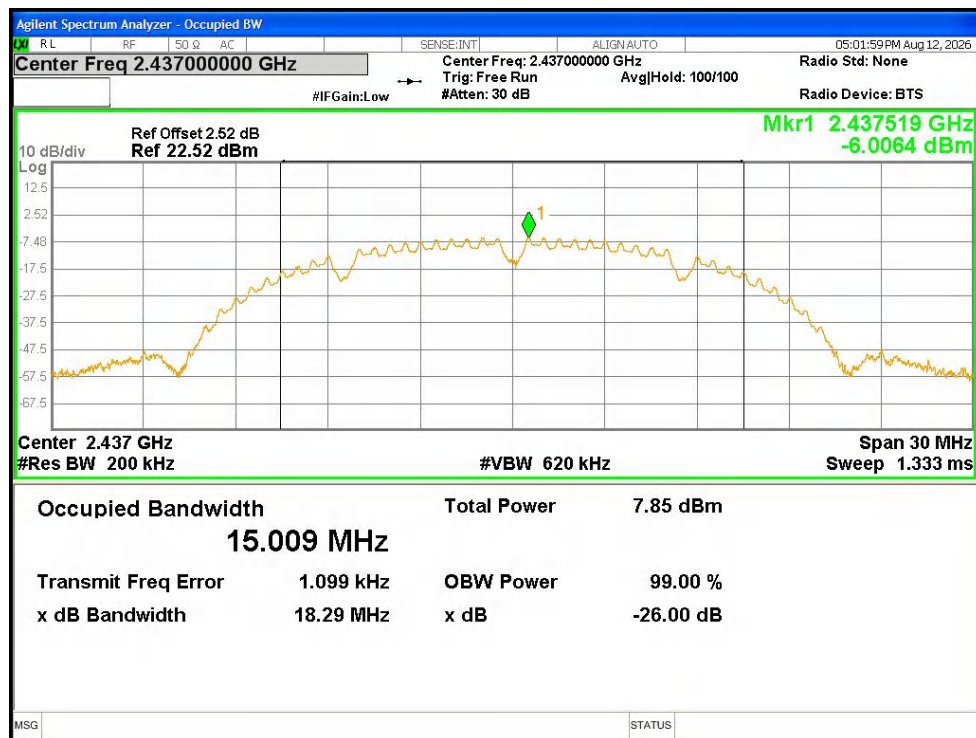
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.024
NVNT	b	2437	Ant1	15.009
NVNT	b	2462	Ant1	15.022
NVNT	g	2412	Ant1	16.51
NVNT	g	2437	Ant1	16.558
NVNT	g	2462	Ant1	16.58

Report

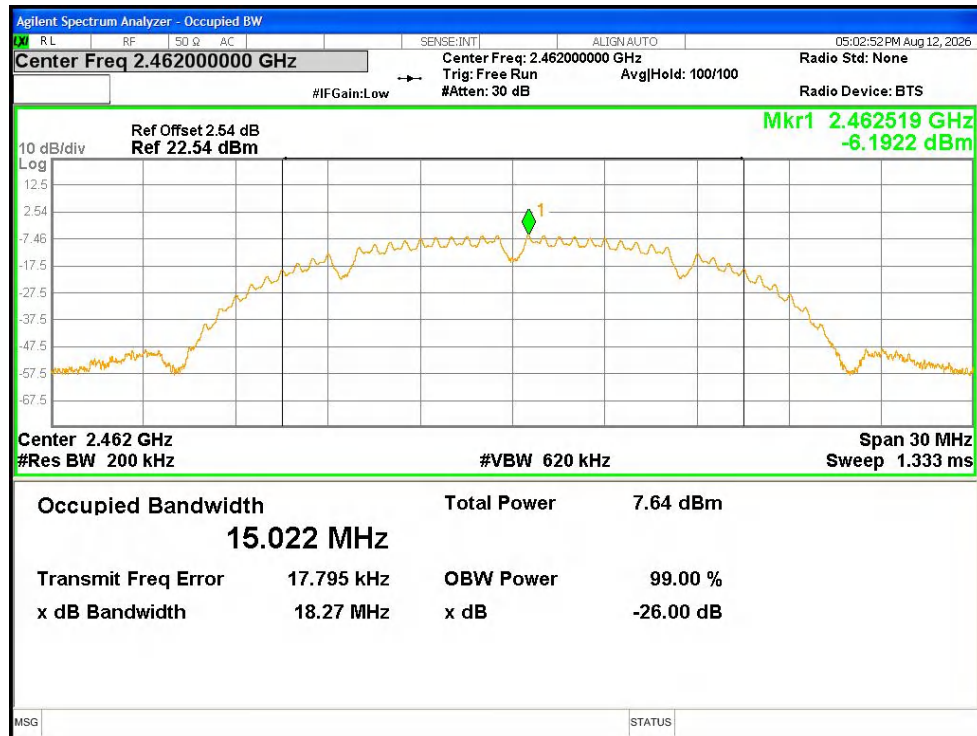


OBW NVNT b 2412MHz Ant1

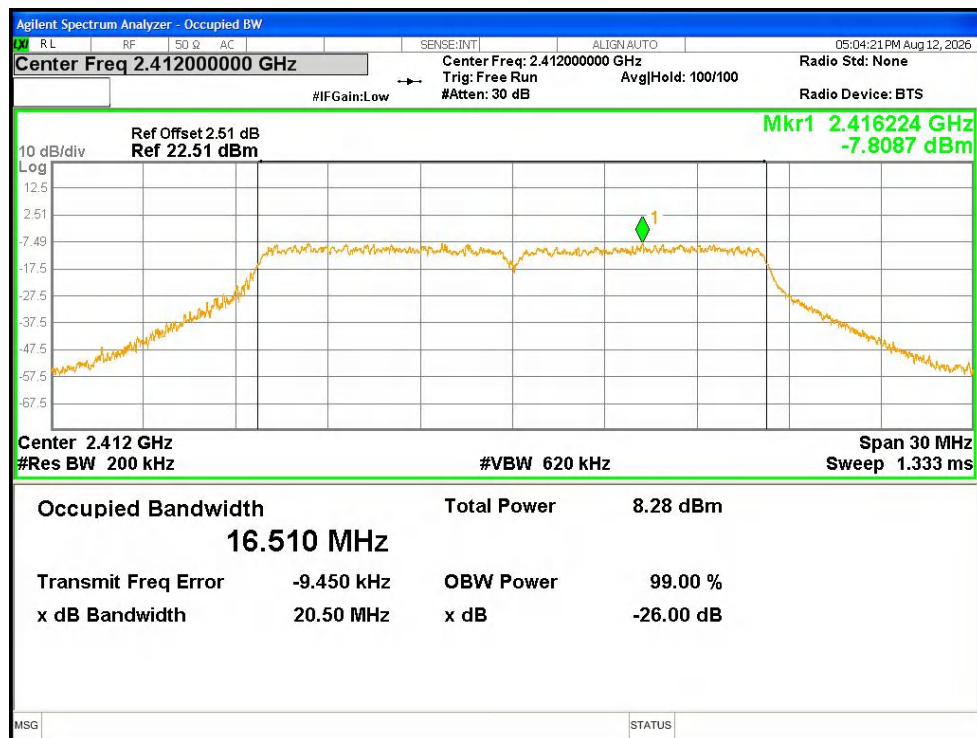


OBW NVNT b 2437MHz Ant1

Report

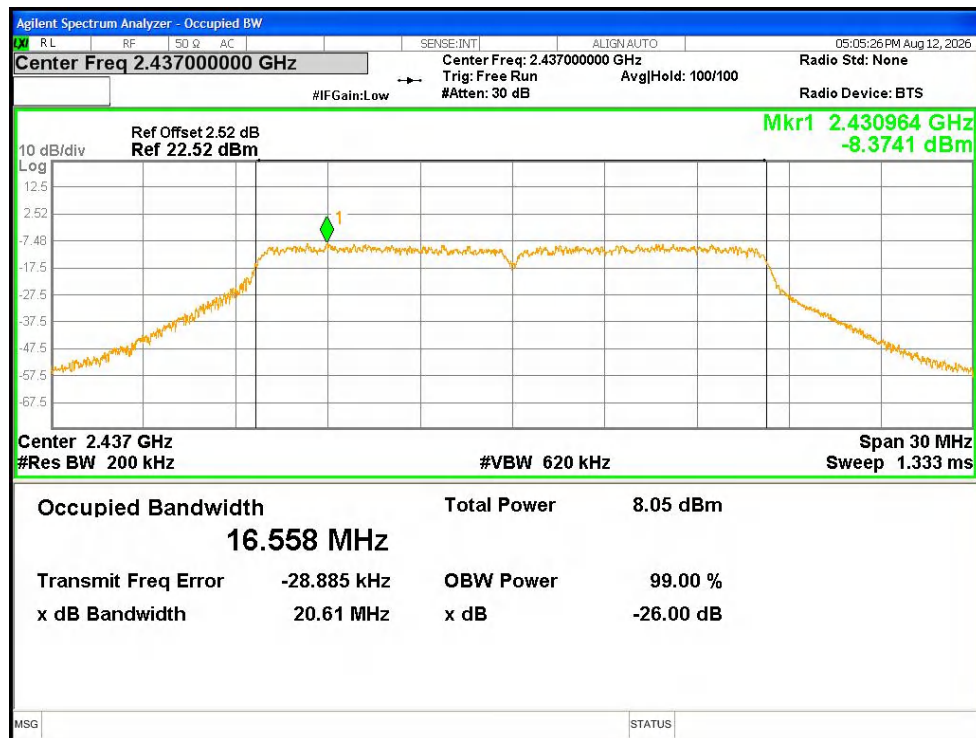


OBW NVNT b 2462MHz Ant1

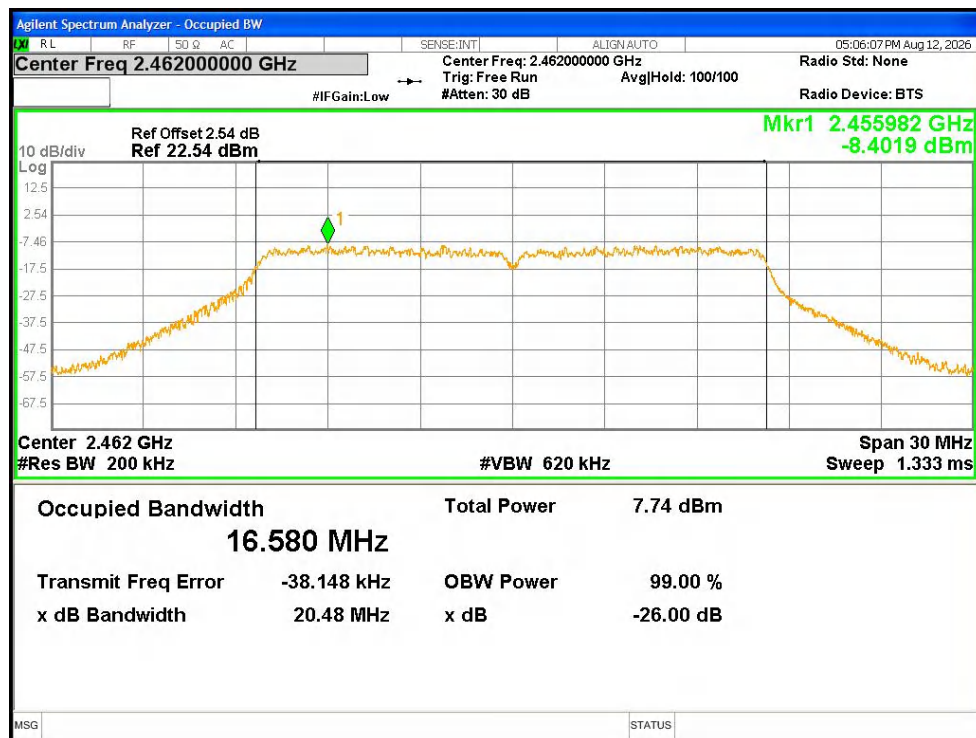


OBW NVNT g 2412MHz Ant1

Report



OBW NVNT g 2437MHz Ant1

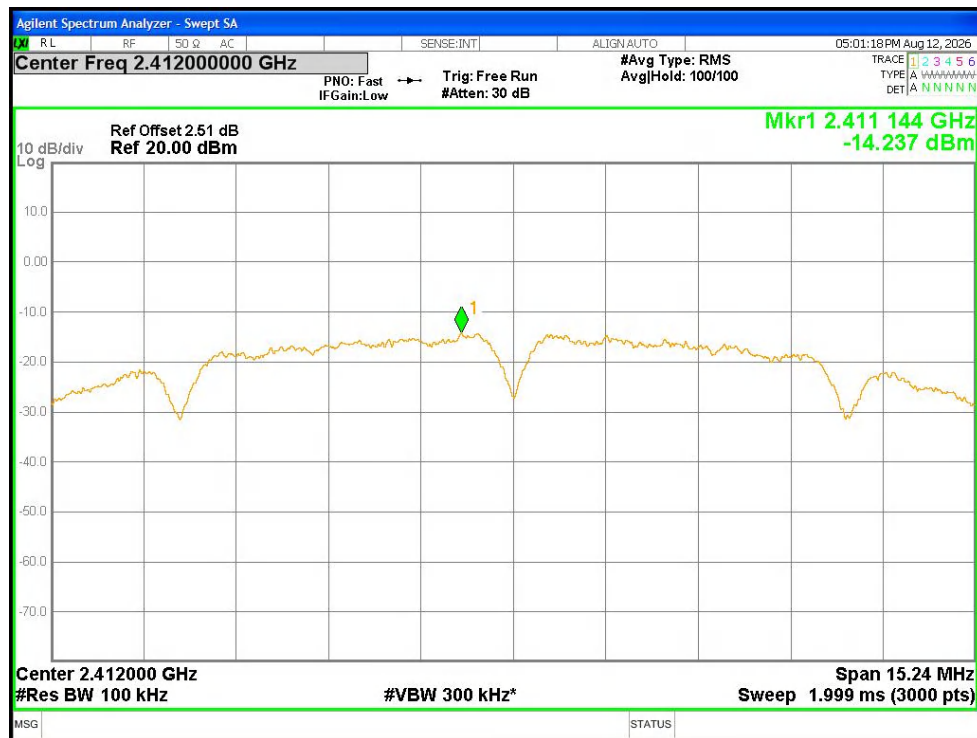


OBW NVNT g 2462MHz Ant1

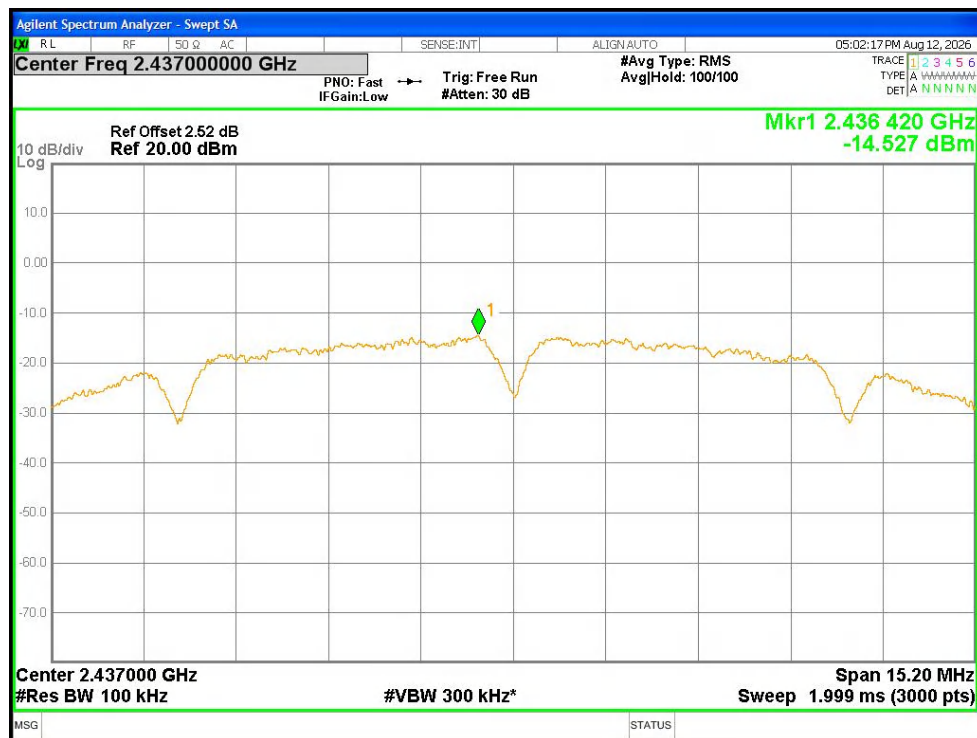
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/100kHz)	Duty Factor (dB)	Total PSD (dBm/100kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-14.24	0	-14.24	8	Pass
NVNT	b	2437	Ant1	-14.53	0	-14.53	8	Pass
NVNT	b	2462	Ant1	-14.79	0	-14.79	8	Pass
NVNT	g	2412	Ant1	-16.94	0	-16.94	8	Pass
NVNT	g	2437	Ant1	-17.25	0	-17.25	8	Pass
NVNT	g	2462	Ant1	-17.47	0	-17.47	8	Pass

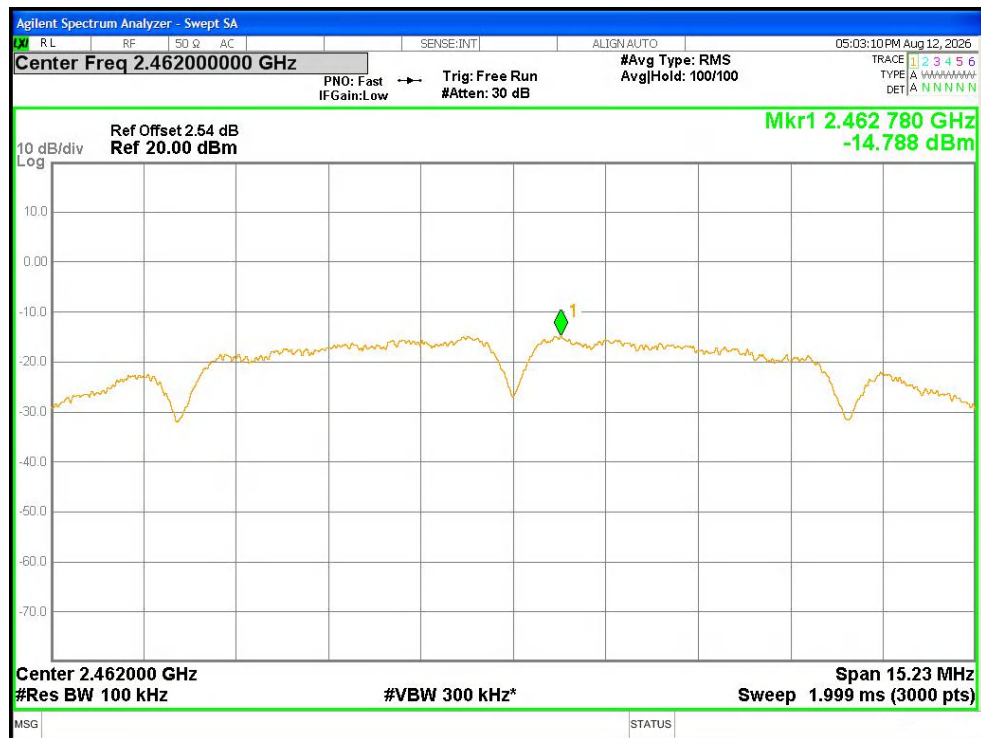
Report



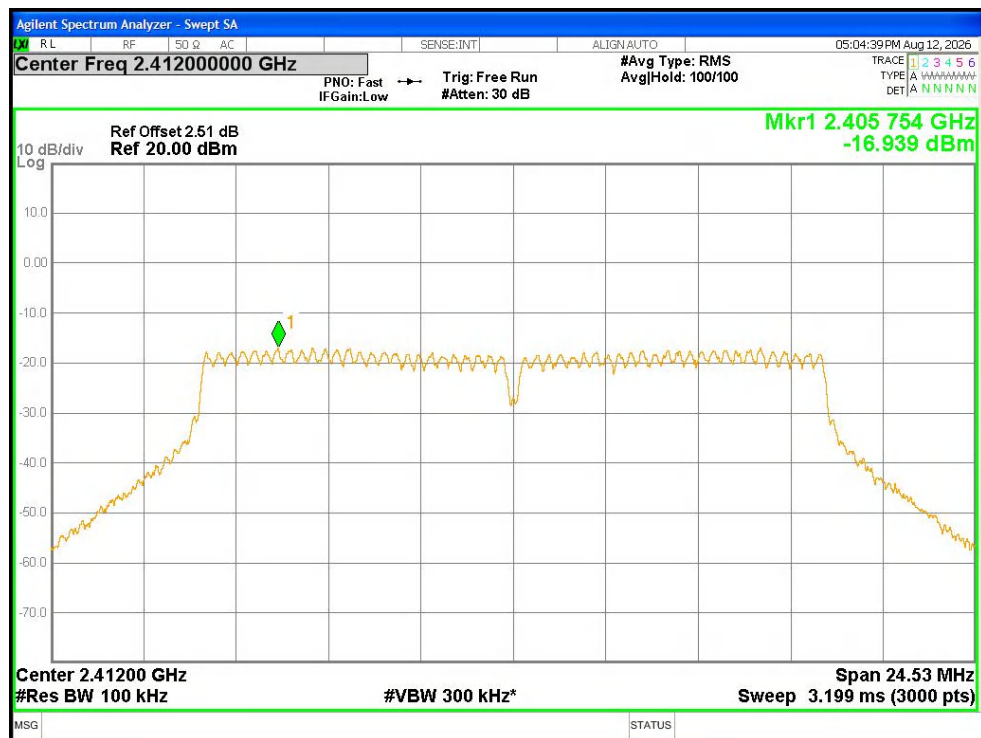
PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1

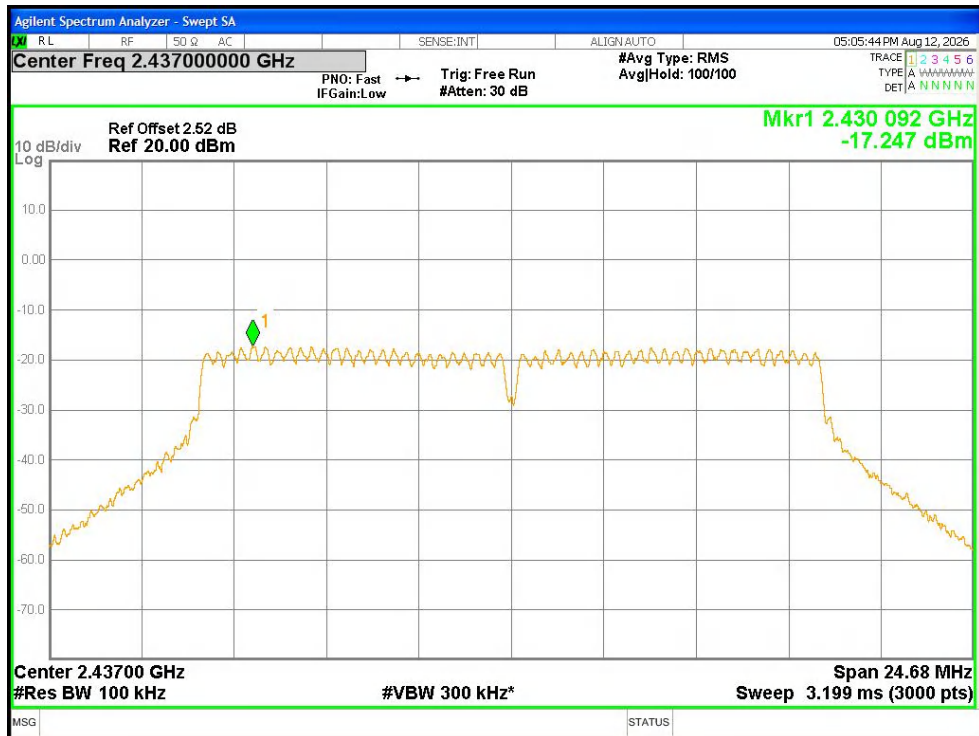


PSD NVNT b 2462MHz Ant1

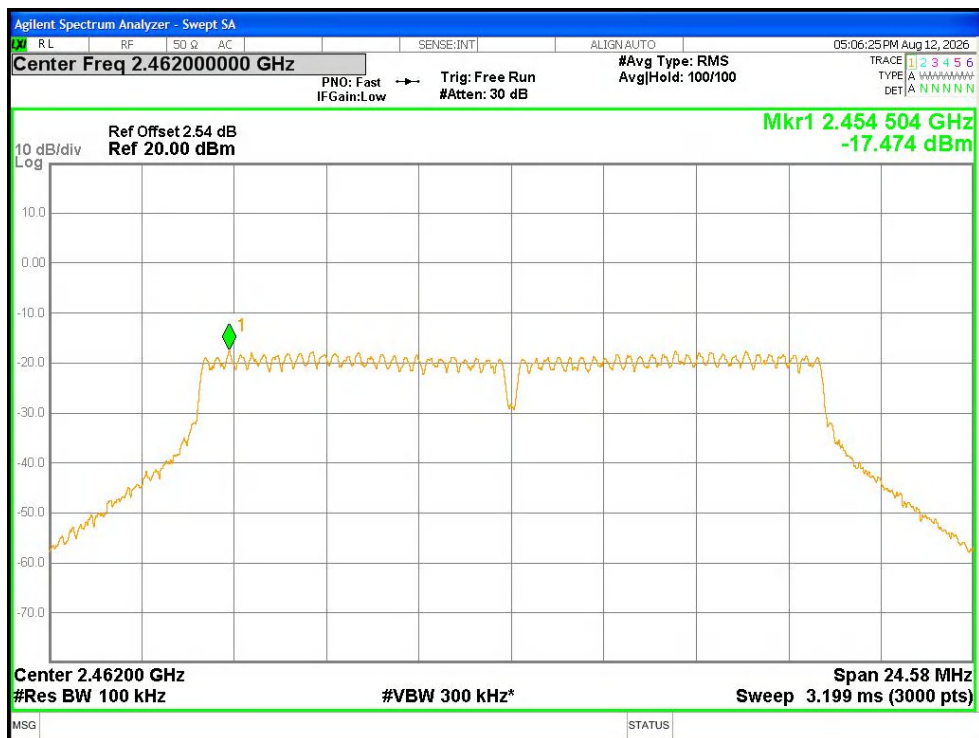


PSD NVNT g 2412MHz Ant1

Report



PSD NVNT g 2437MHz Ant1

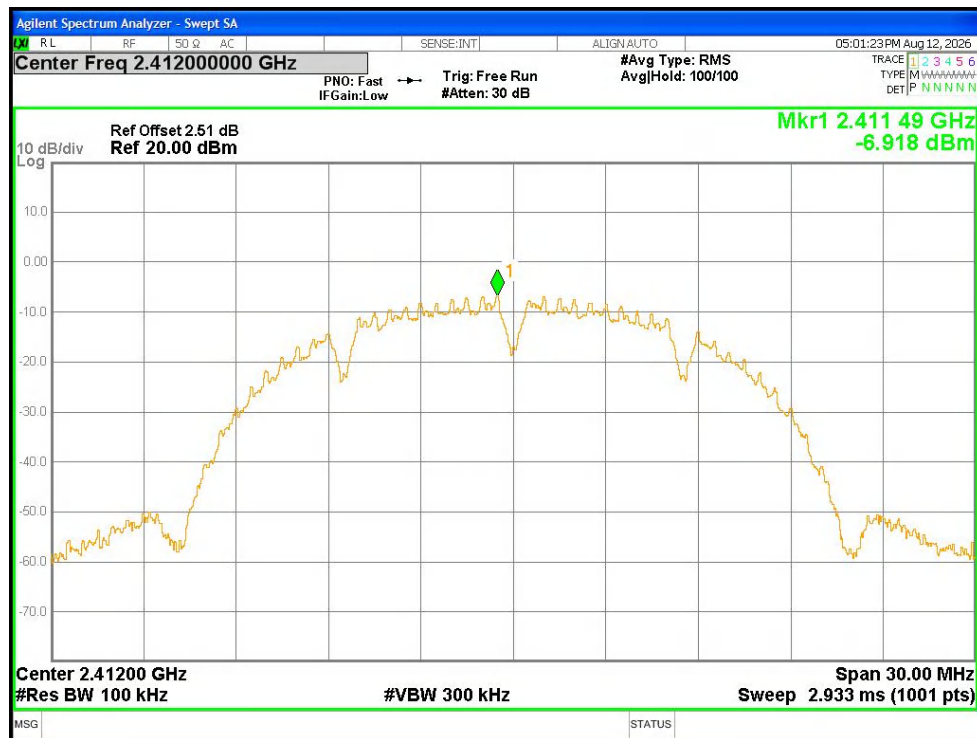


PSD NVNT g 2462MHz Ant1

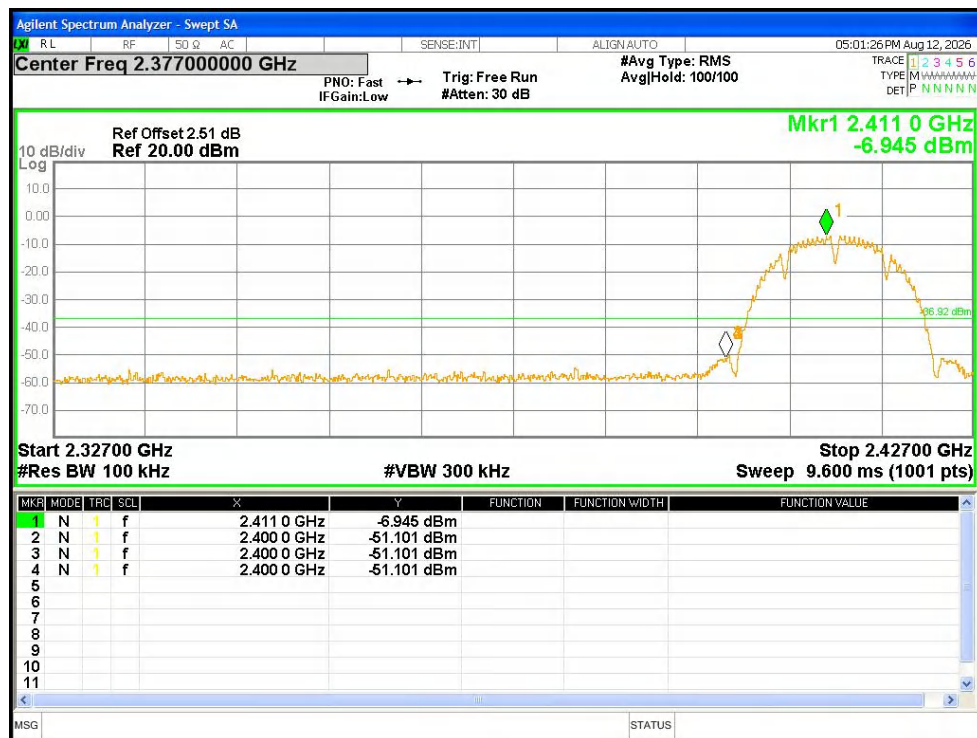
6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-44.18	-30	Pass
NVNT	b	2462	Ant1	-48.32	-30	Pass
NVNT	g	2412	Ant1	-38.49	-30	Pass
NVNT	g	2462	Ant1	-44.58	-30	Pass

Report



Band Edge NVNT b 2412MHz Ant1 Ref

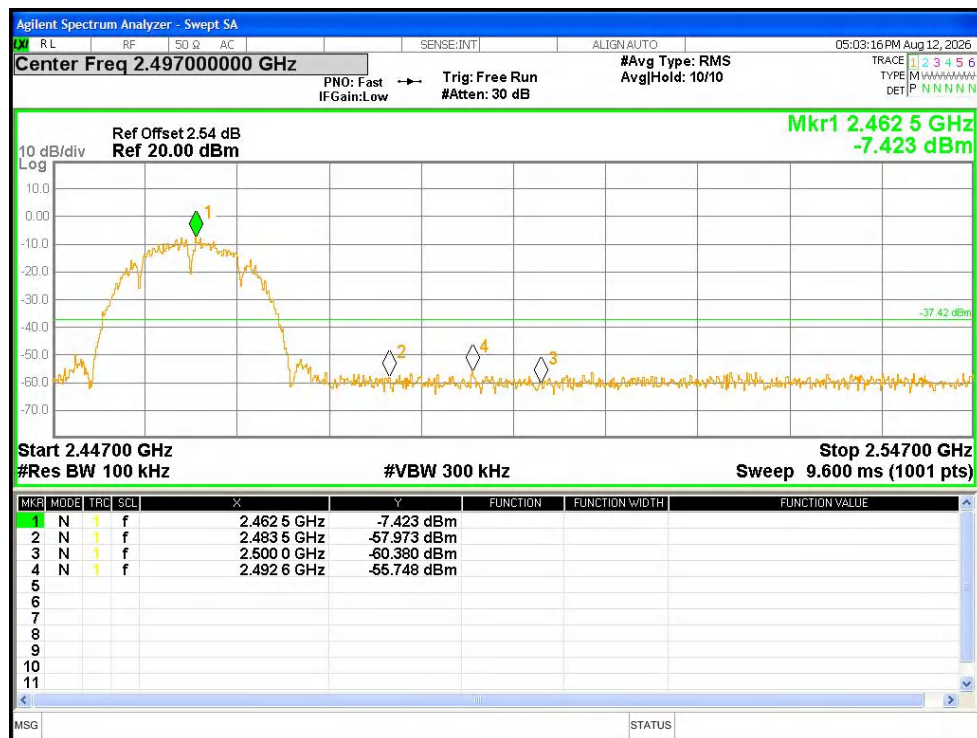


Band Edge NVNT b 2412MHz Ant1 Emission

Report

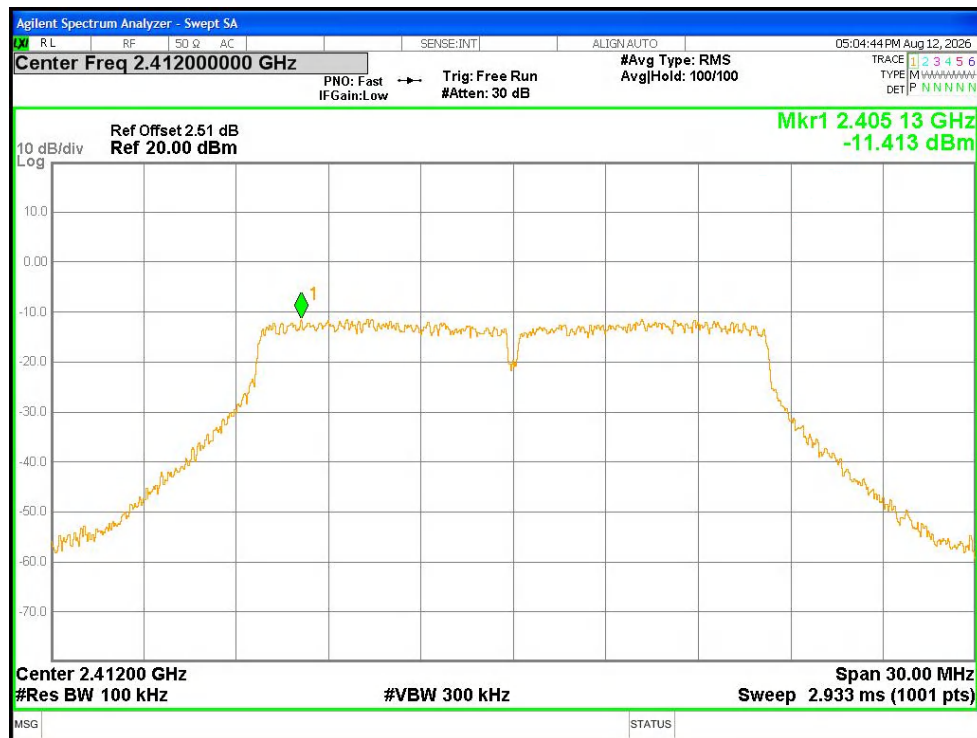


Band Edge NVNT b 2462MHz Ant1 Ref

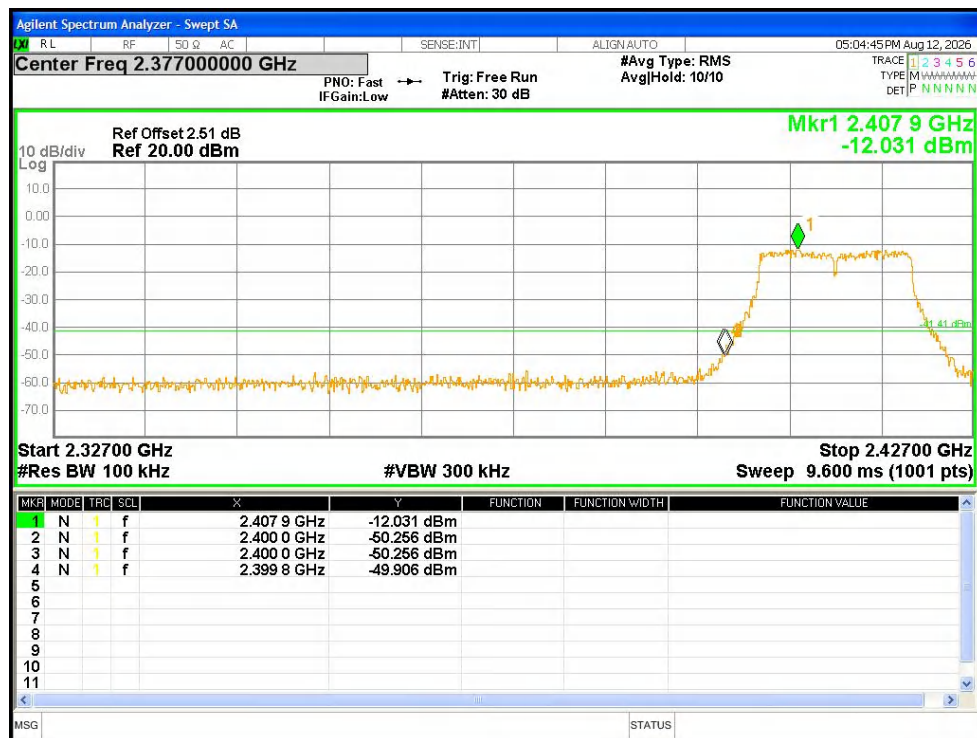


Band Edge NVNT b 2462MHz Ant1 Emission

Report

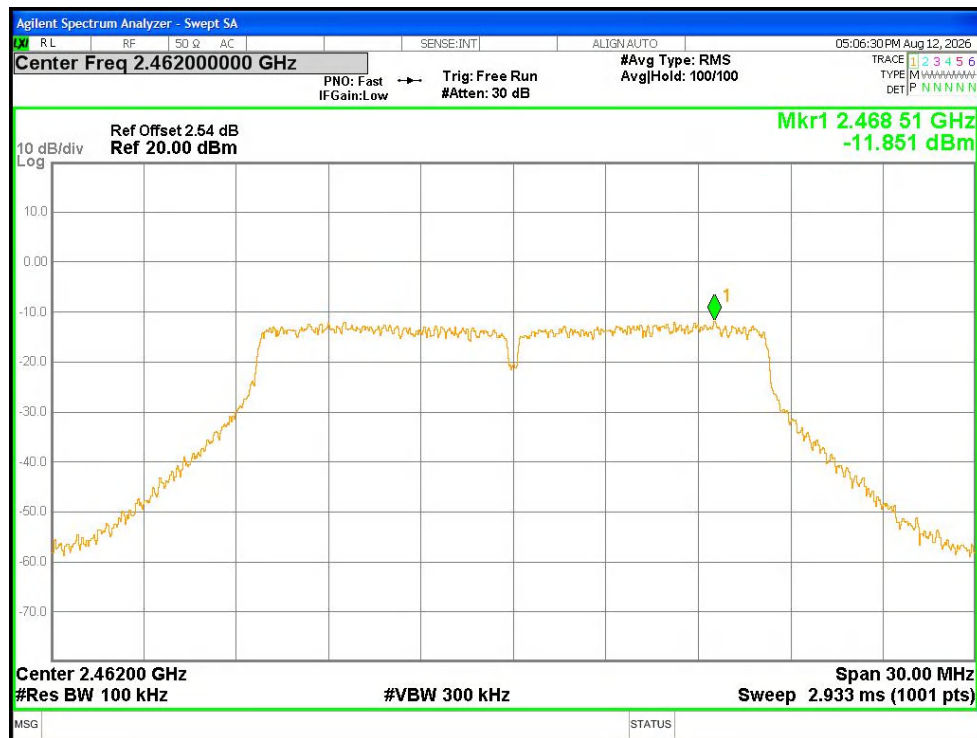


Band Edge NVNT g 2412MHz Ant1 Ref

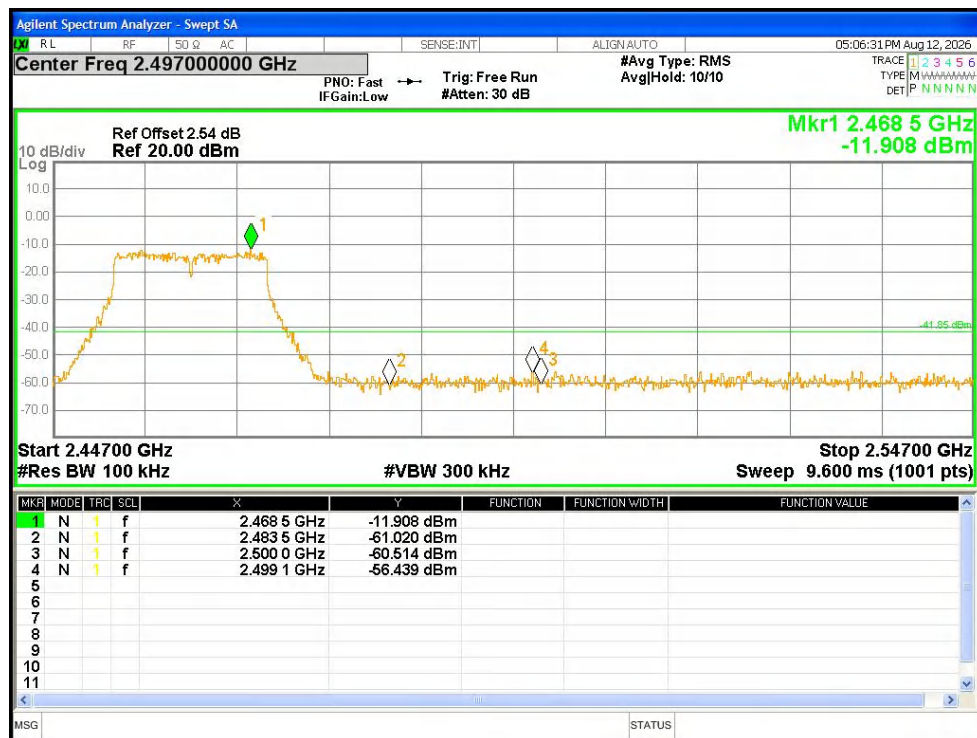


Band Edge NVNT g 2412MHz Ant1 Emission

Report



Band Edge NVNT g 2462MHz Ant1 Ref

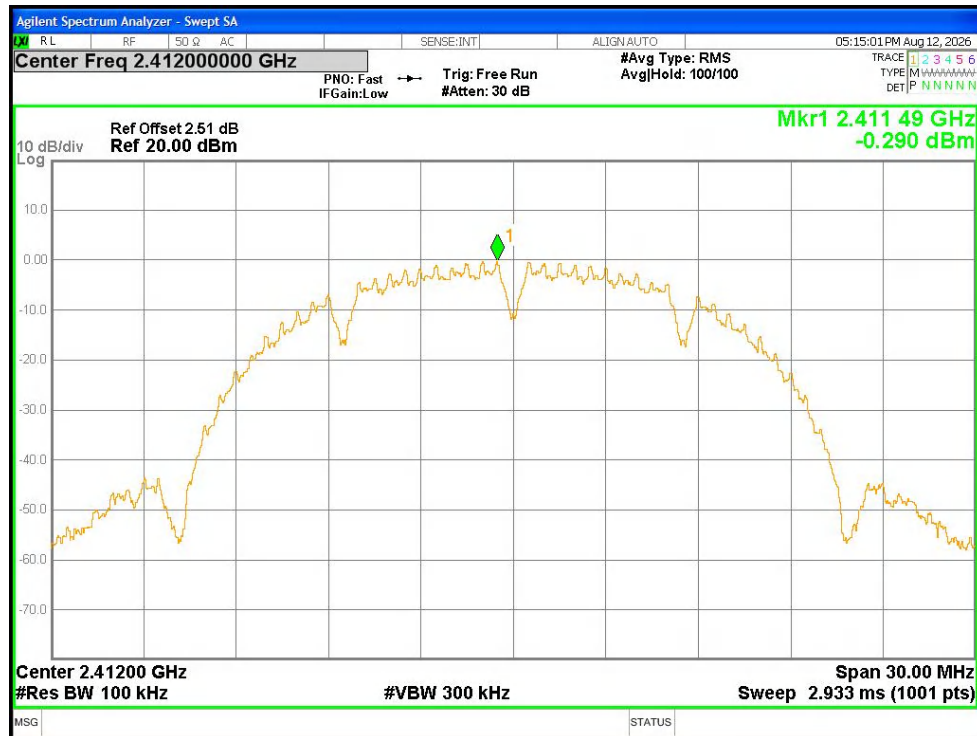


Band Edge NVNT g 2462MHz Ant1 Emission

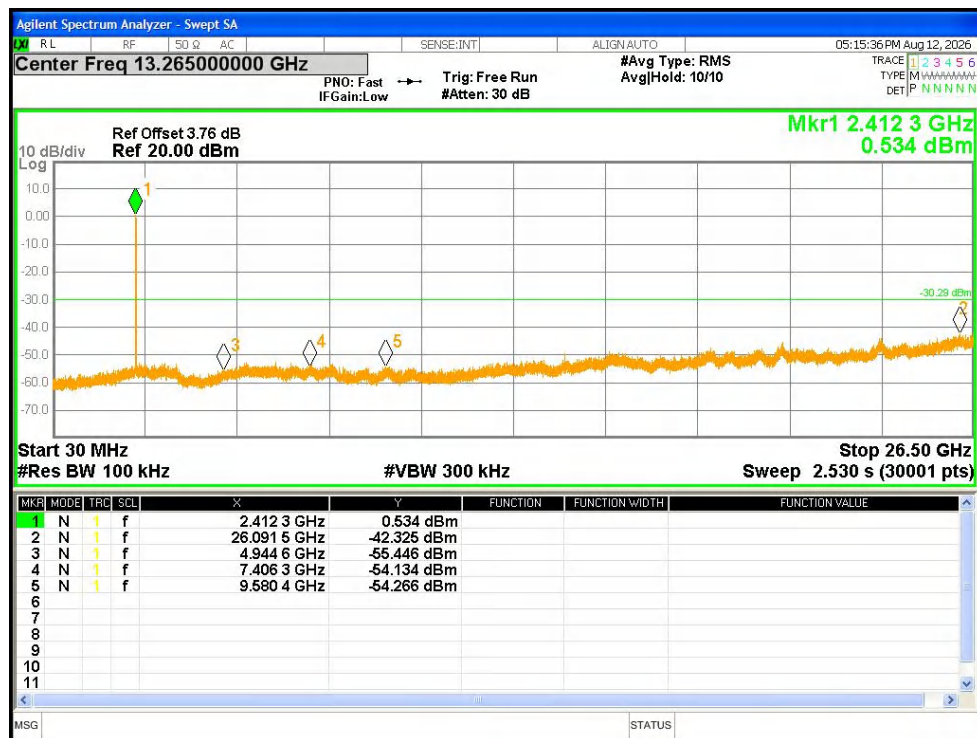
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-42.03	-30	Pass
NVNT	b	2437	Ant1	-41.2	-30	Pass
NVNT	b	2462	Ant1	-40.97	-30	Pass
NVNT	g	2412	Ant1	-37.57	-30	Pass
NVNT	g	2437	Ant1	-36.84	-30	Pass
NVNT	g	2462	Ant1	-36.48	-30	Pass

Report



Tx. Spurious NVNT b 2412MHz Ant1 Ref

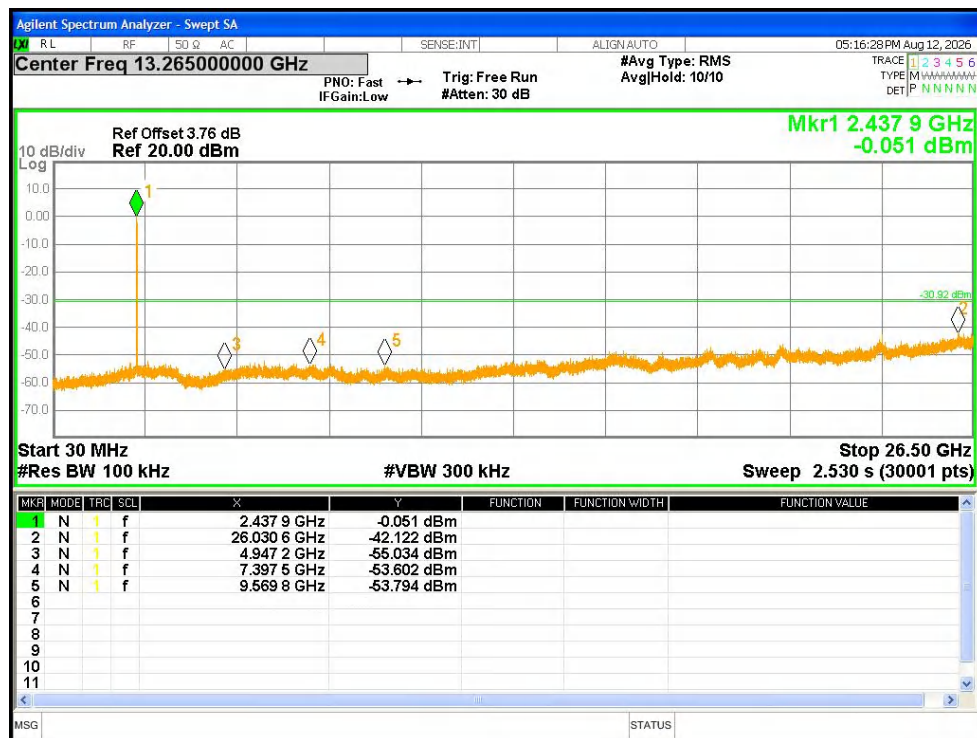


Tx. Spurious NVNT b 2412MHz Ant1 Emission

Report

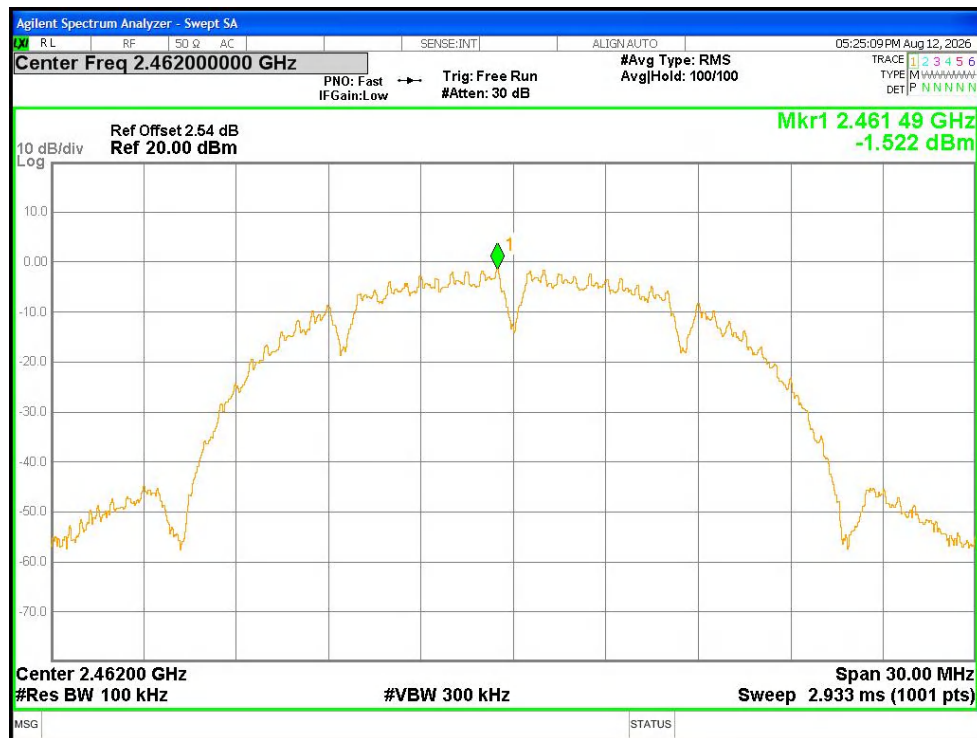


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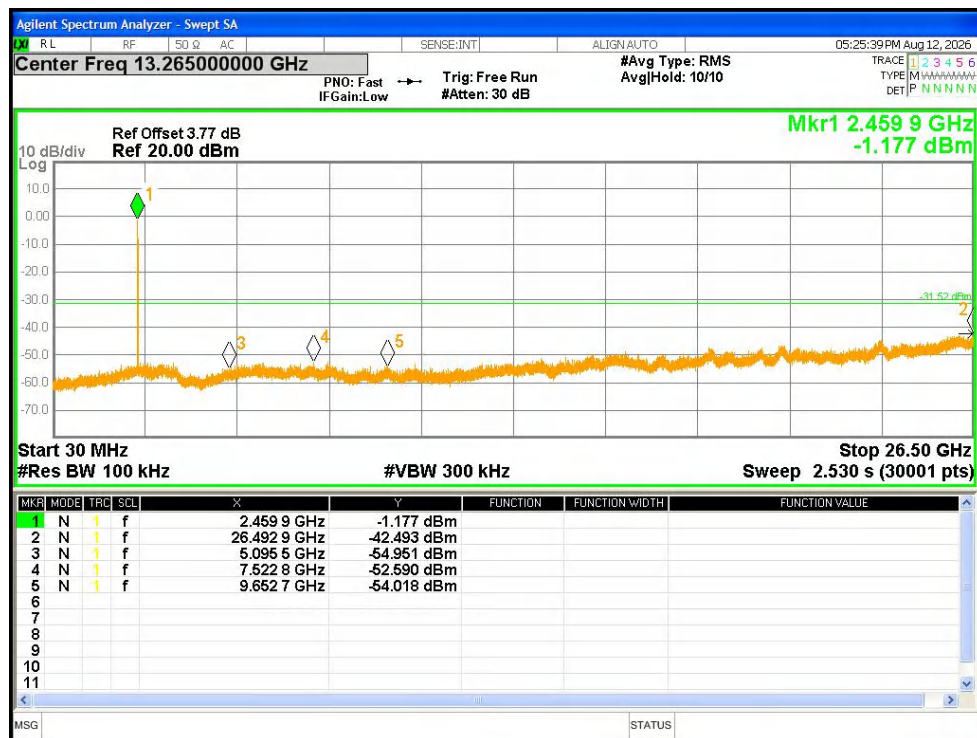


Tx. Spurious NVNT b 2437MHz Ant1 Emission

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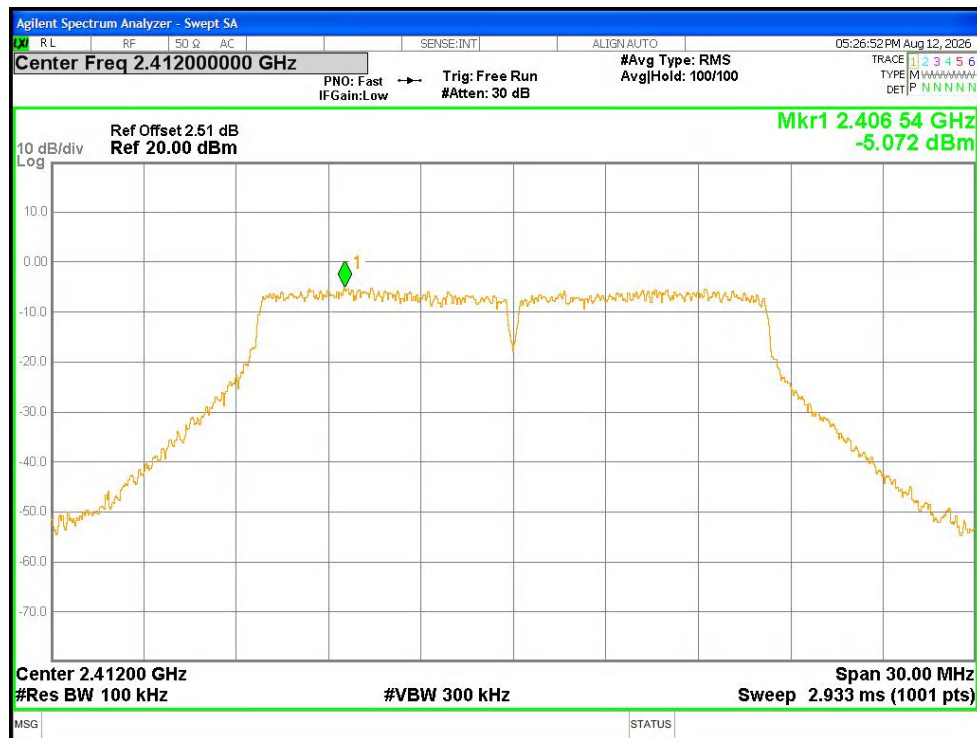


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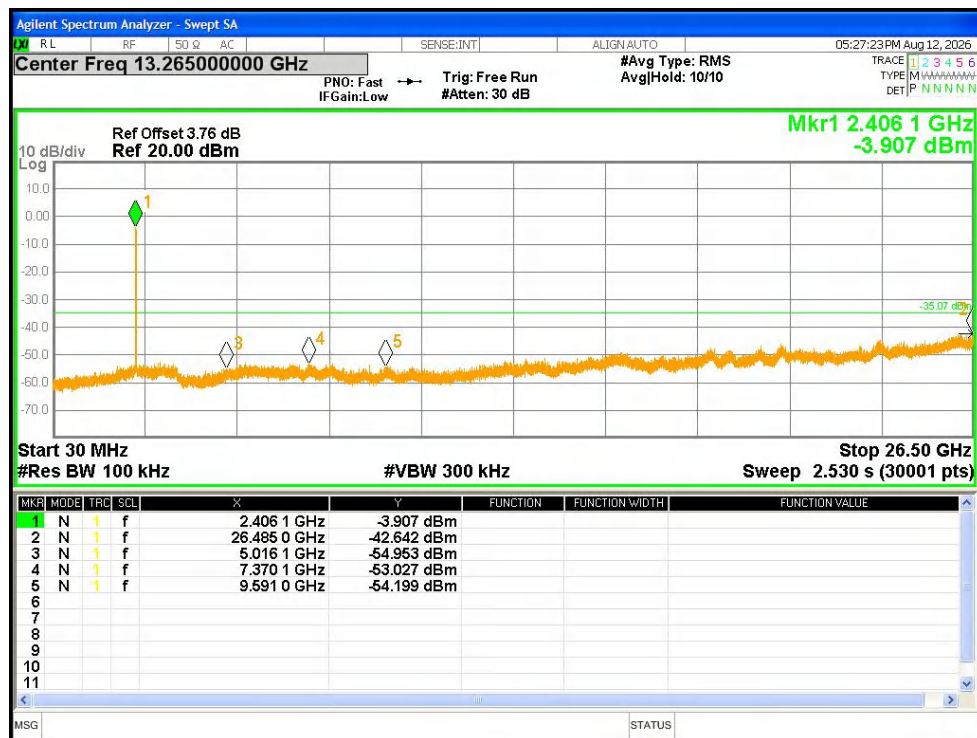


Tx. Spurious NVNT b 2462MHz Ant1 Emission

Report

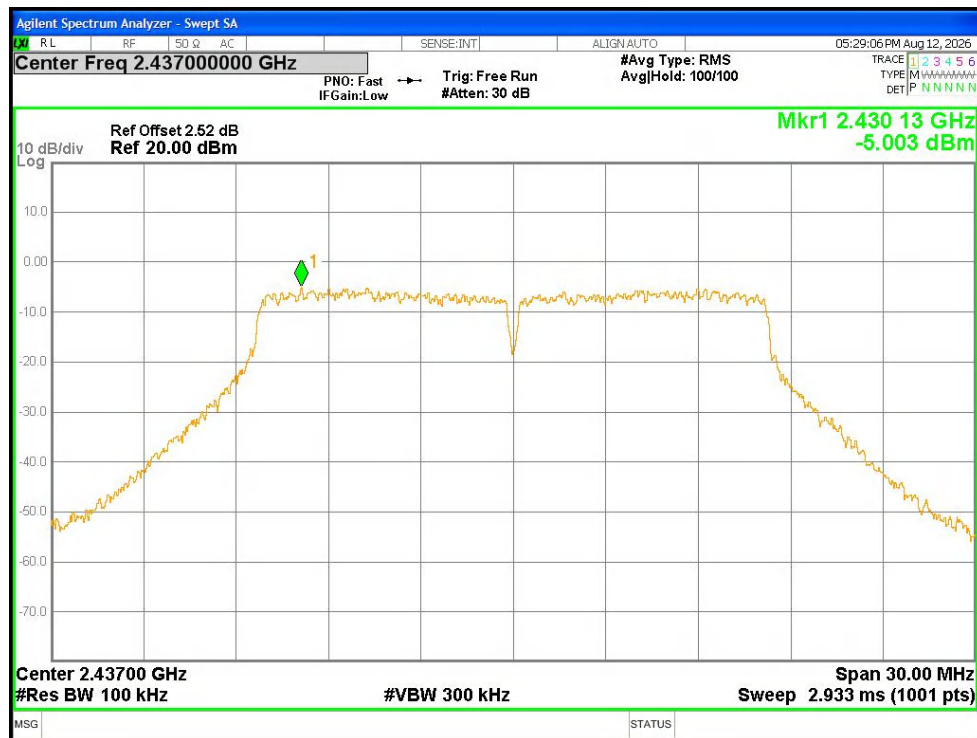


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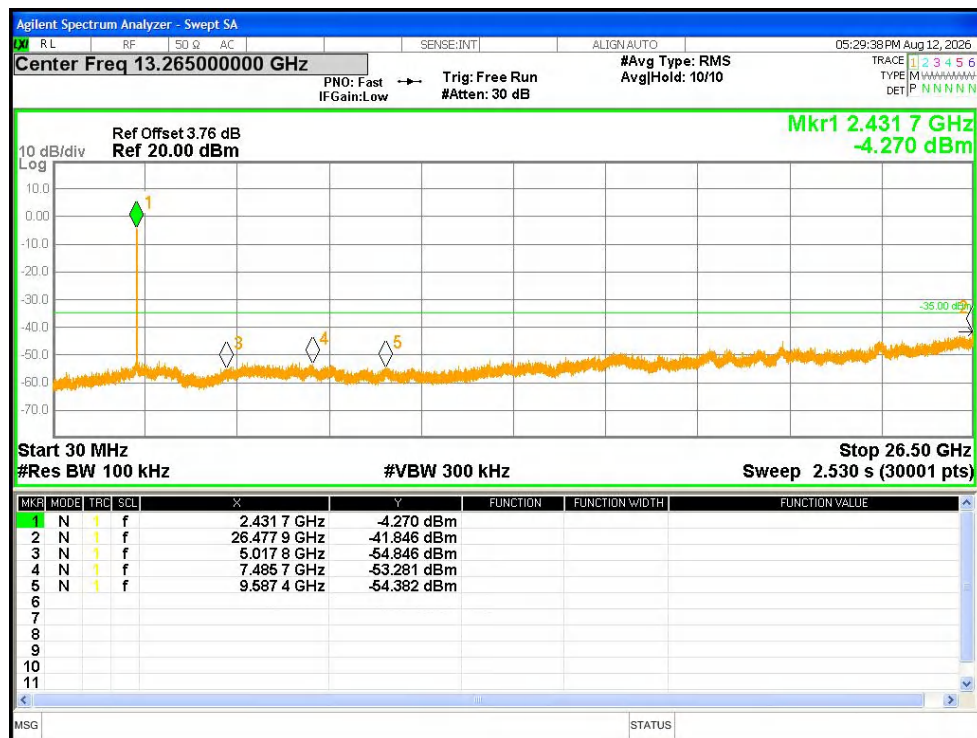


Tx. Spurious NVNT g 2412MHz Ant1 Emission

Report

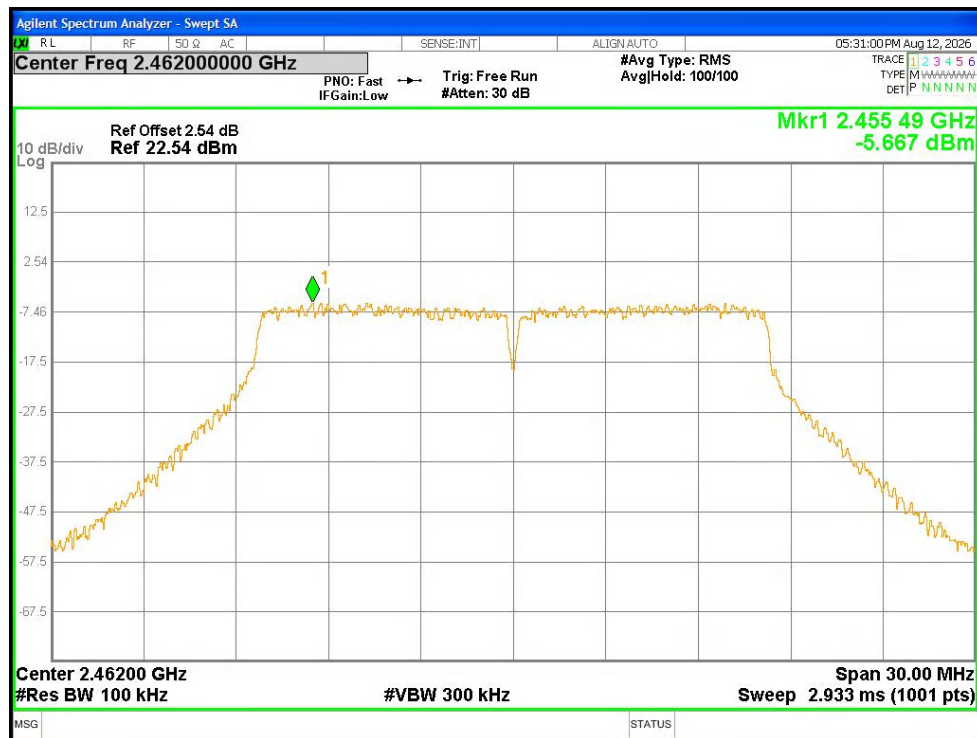


Tx. Spurious NVNT g 2437MHz Ant1 Ref

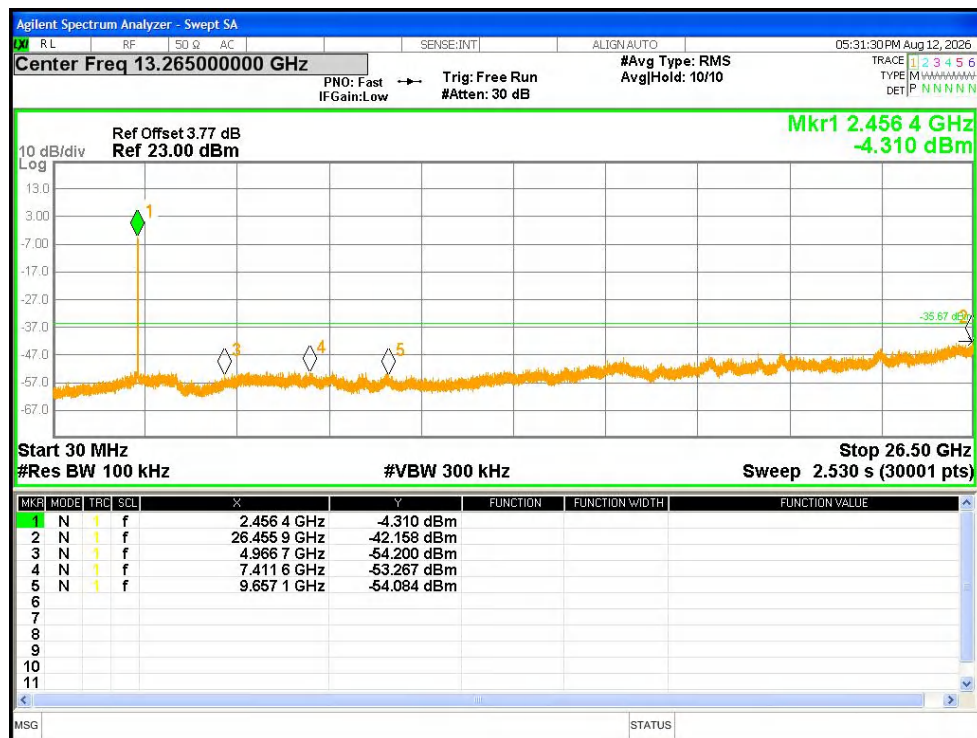


Tx. Spurious NVNT g 2437MHz Ant1 Emission

Report



Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission