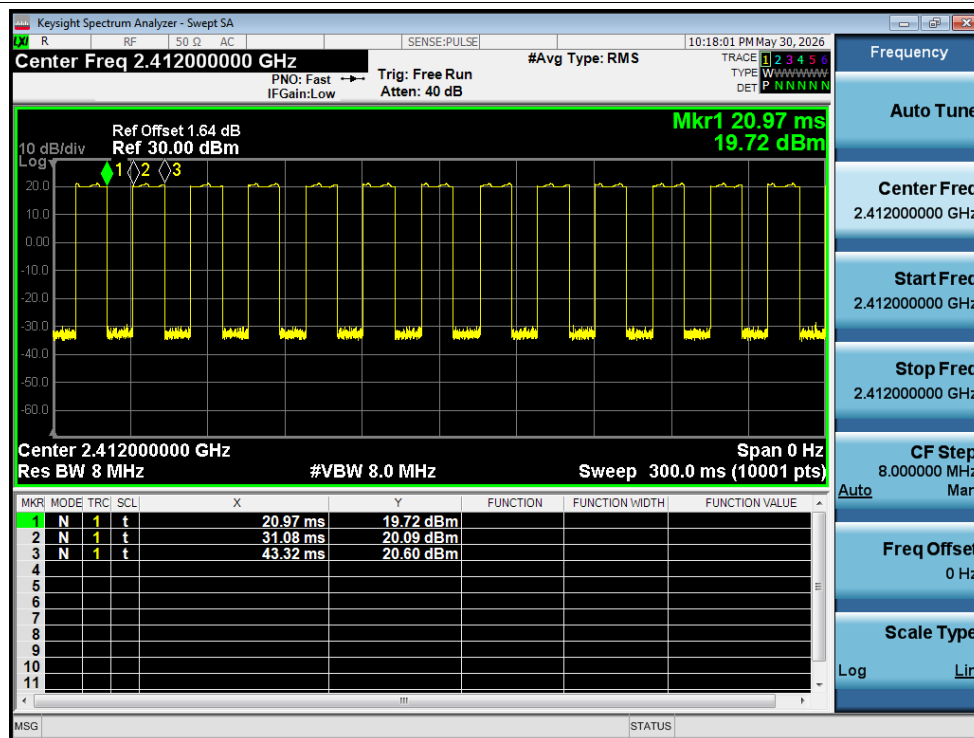


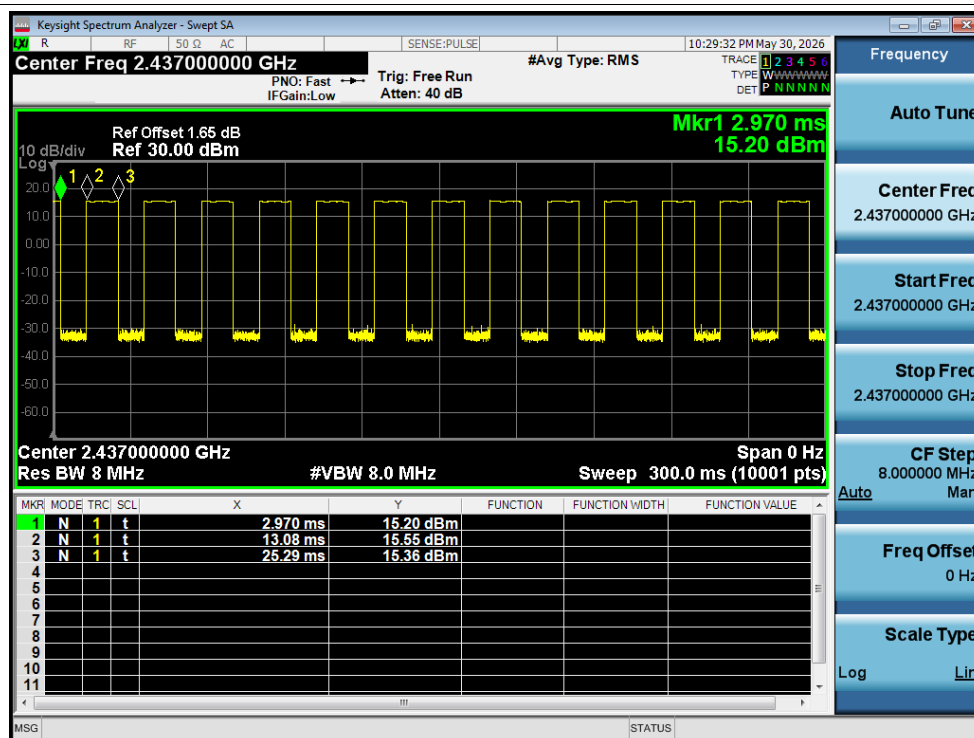
Appendix A

Duty Cycle

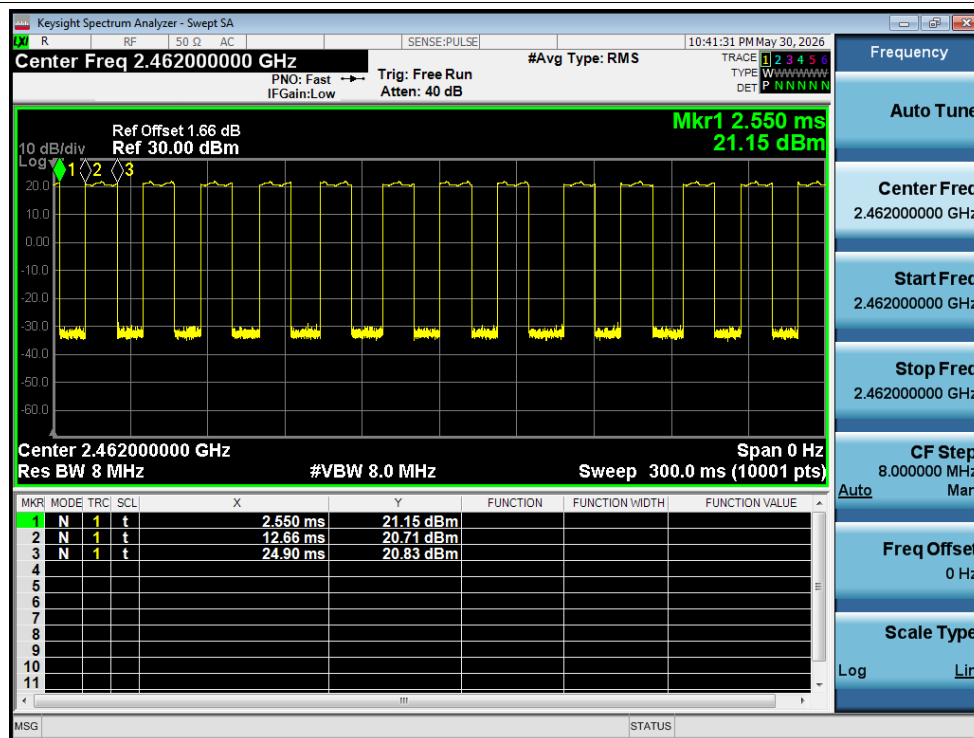
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	54.77	2.61	0.08
NVNT	b	2437	Ant1	54.7	2.62	0.08
NVNT	b	2462	Ant1	54.77	2.61	0.08
NVNT	g	2412	Ant1	16.79	7.75	0.49
NVNT	g	2437	Ant1	16.11	7.93	0.5
NVNT	g	2462	Ant1	16.79	7.75	0.49
NVNT	n20	2412	Ant1	15.83	8	0.53
NVNT	n20	2437	Ant1	15.75	8.03	0.53
NVNT	n20	2462	Ant1	15.75	8.03	0.53
NVNT	n40	2422	Ant1	8.67	10.62	1.04
NVNT	n40	2437	Ant1	8.42	10.74	1.08
NVNT	n40	2452	Ant1	8.42	10.74	1.08



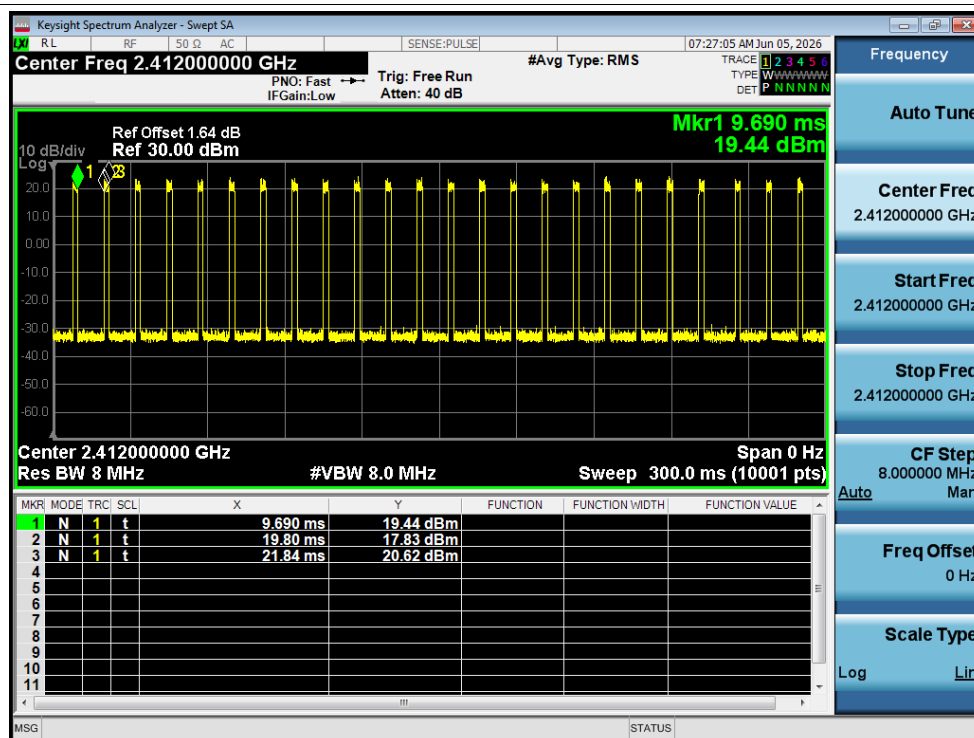
Duty Cycle NVNT b 2412MHz Ant1



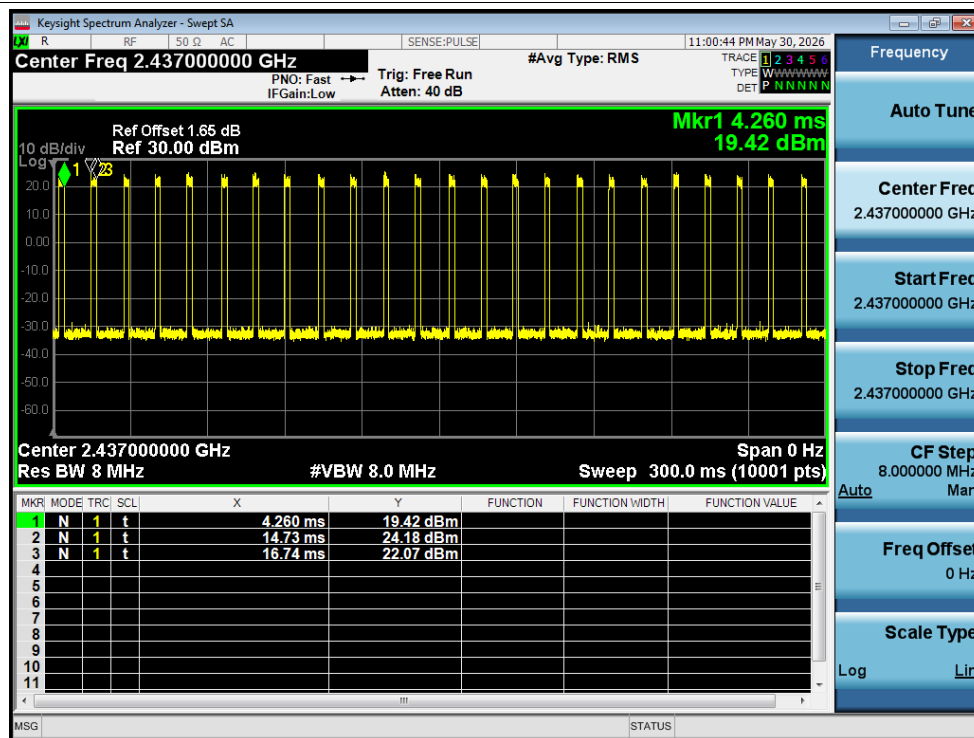
Duty Cycle NVNT b 2437MHz Ant1



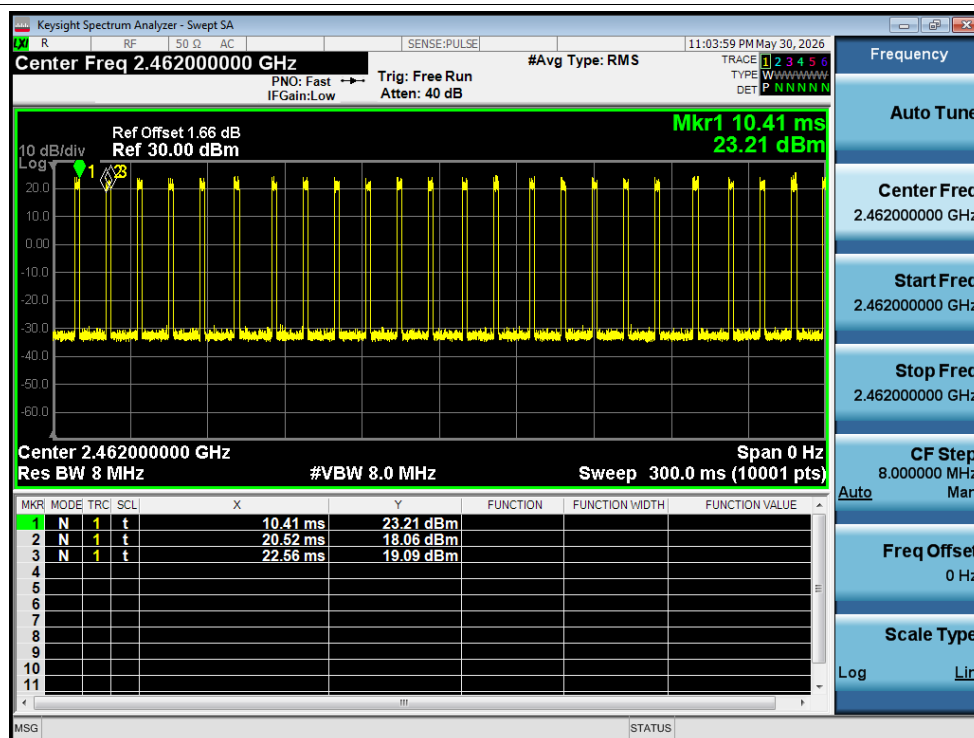
Duty Cycle NVNT b 2462MHz Ant1



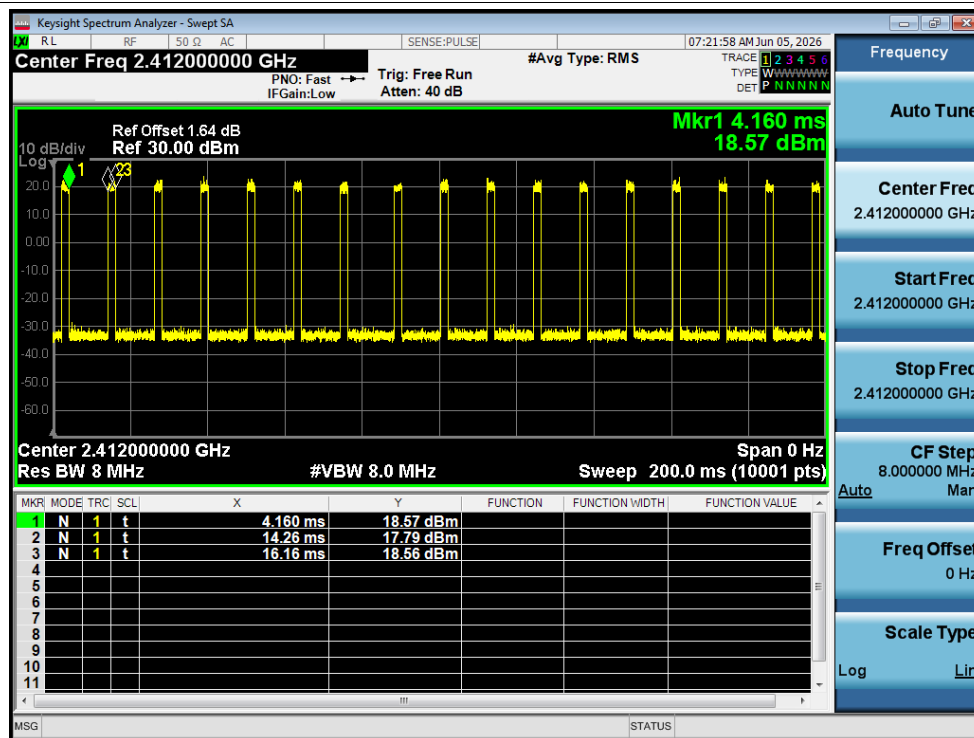
Duty Cycle NVNT g 2412MHz Ant1



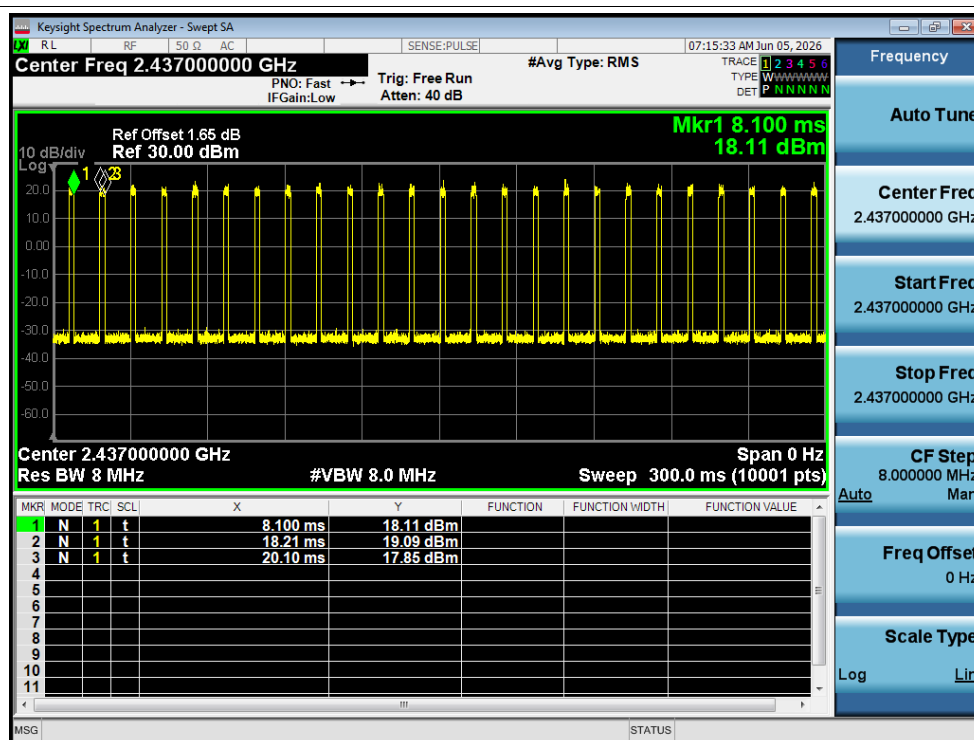
Duty Cycle NVNT g 2437MHz Ant1



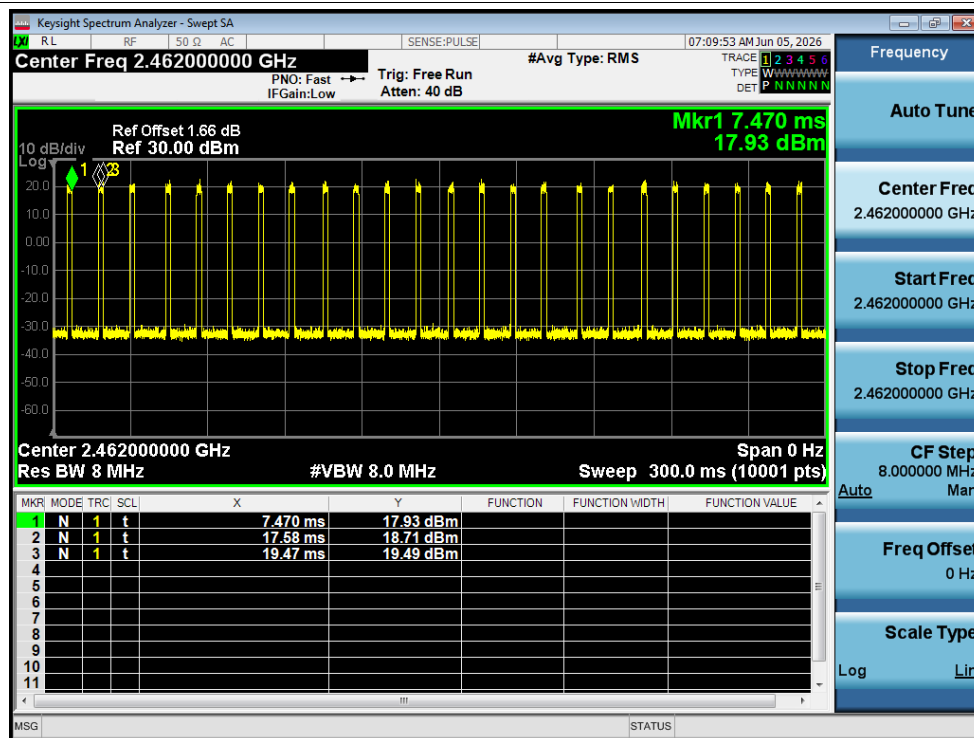
Duty Cycle NVNT g 2462MHz Ant1



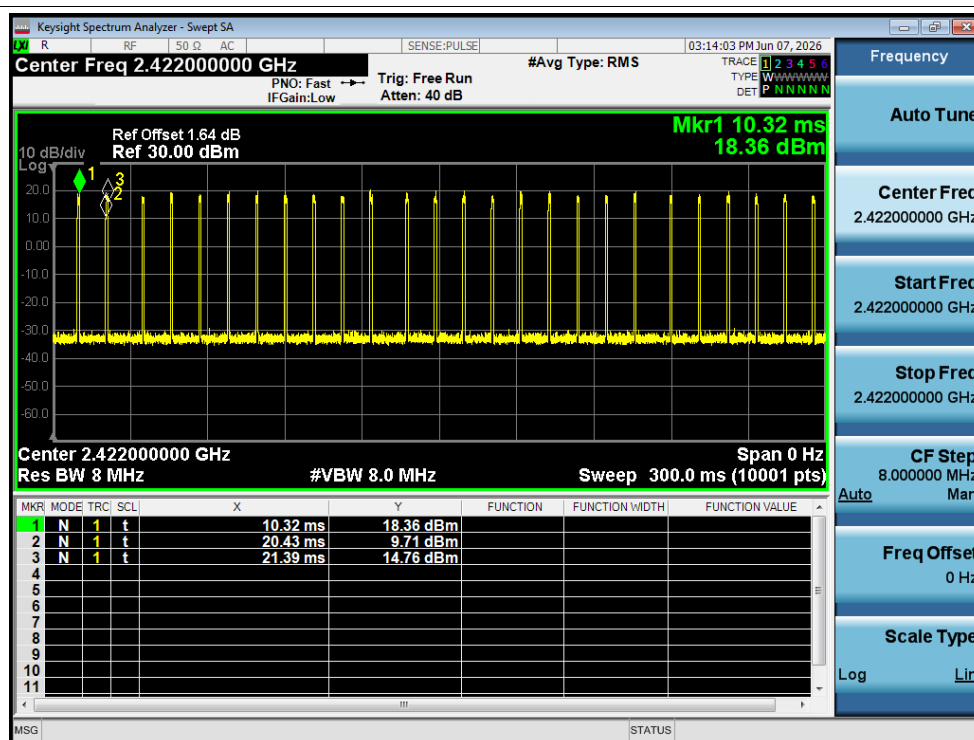
Duty Cycle NVNT n20 2412MHz Ant1



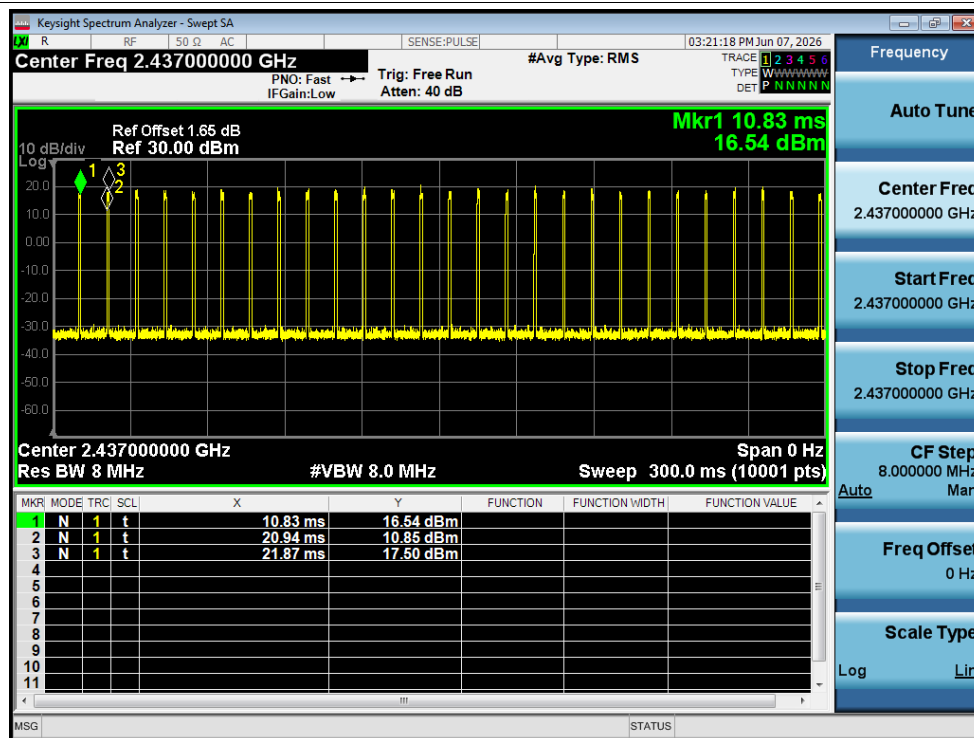
Duty Cycle NVNT n20 2437MHz Ant1



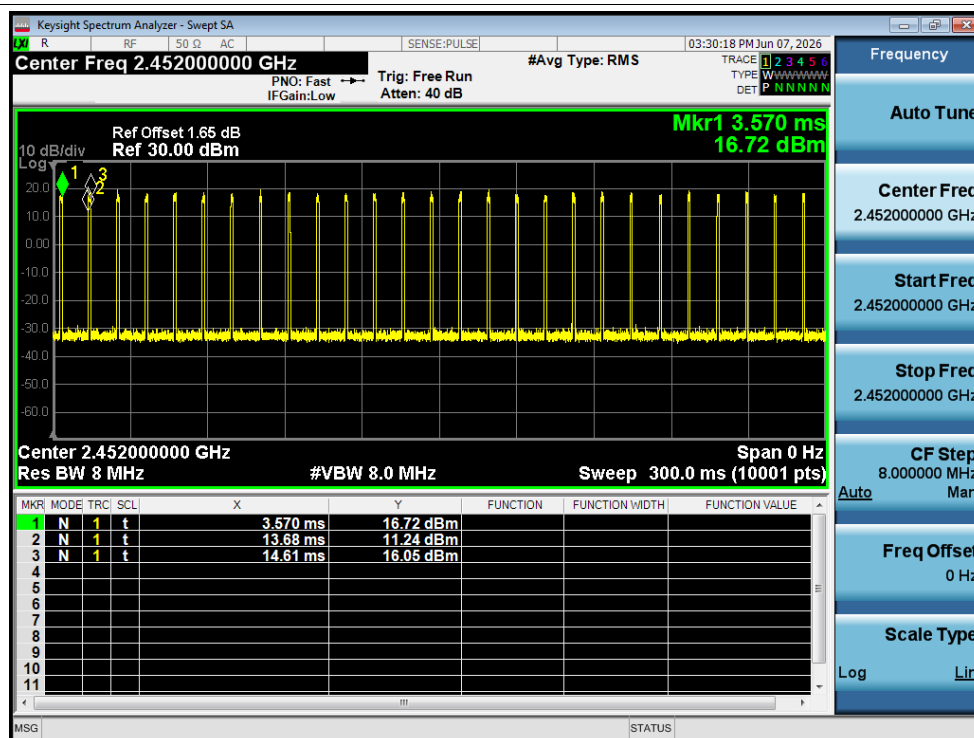
Duty Cycle NVNT n20 2462MHz Ant1



Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



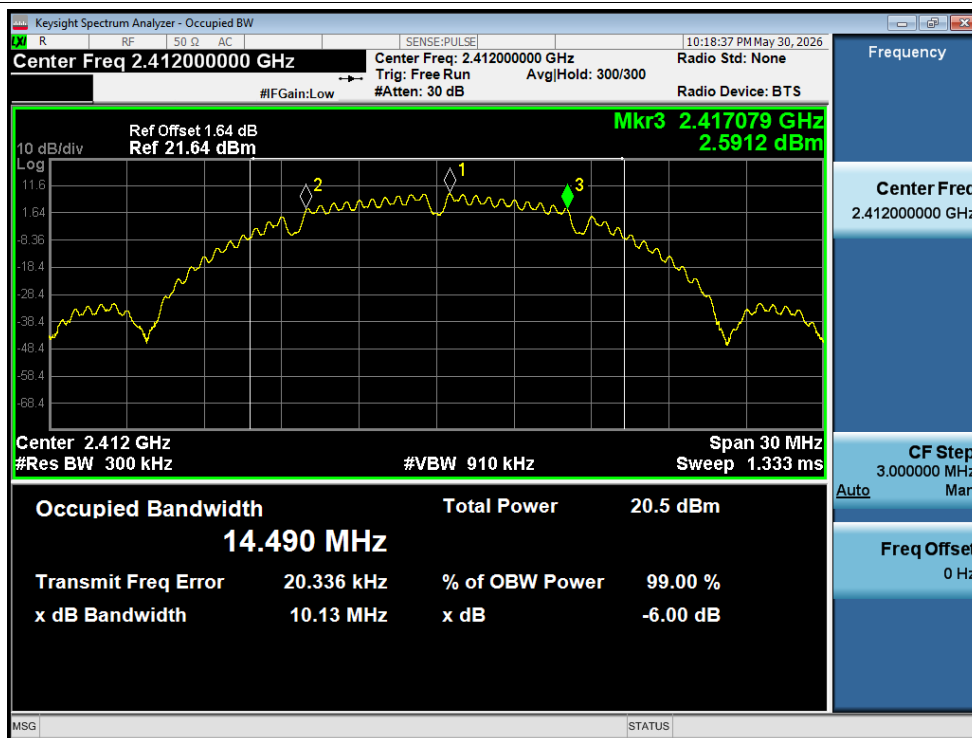
Duty Cycle NVNT n40 2452MHz Ant1

Maximum Average Conducted Output Power

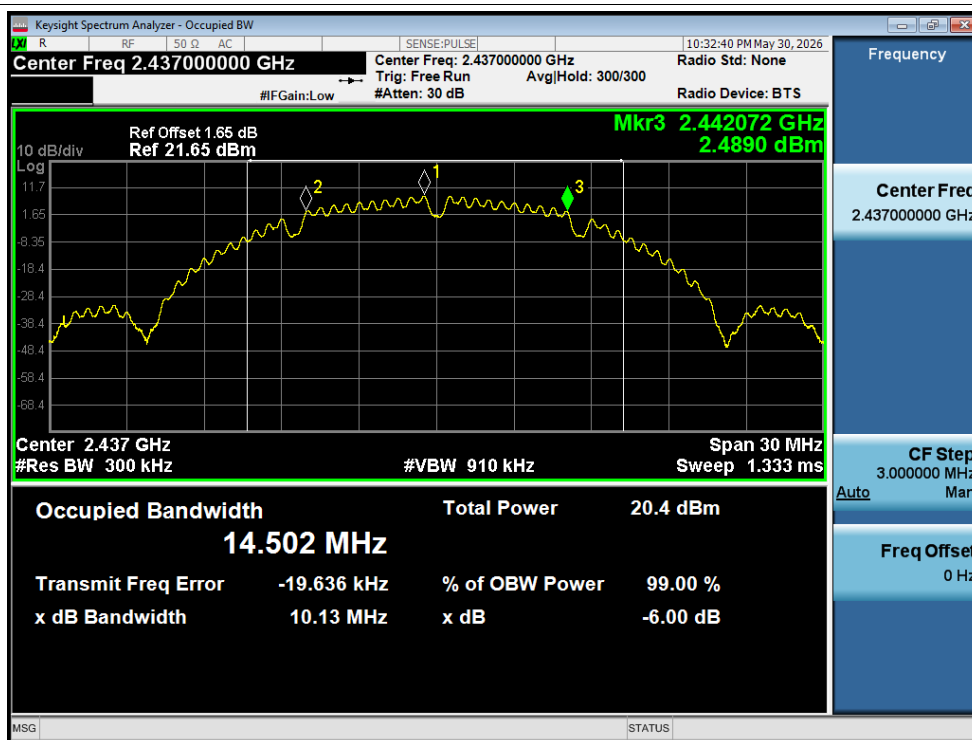
Condition	Mode	Frequency (MHz)	Antenna	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	b	2412	Ant1	15.94	0.03926	30	Pass
NVNT	b	2437	Ant1	15	0.03162	30	Pass
NVNT	b	2462	Ant1	15.88	0.03873	30	Pass
NVNT	g	2412	Ant1	15.5	0.03548	30	Pass
NVNT	g	2437	Ant1	16.58	0.0455	30	Pass
NVNT	g	2462	Ant1	16.09	0.04064	30	Pass
NVNT	n20	2412	Ant1	15.52	0.03565	30	Pass
NVNT	n20	2437	Ant1	15.18	0.03296	30	Pass
NVNT	n20	2462	Ant1	14.76	0.02992	30	Pass
NVNT	n40	2422	Ant1	12.14	0.01637	30	Pass
NVNT	n40	2437	Ant1	12.95	0.01972	30	Pass
NVNT	n40	2452	Ant1	12.71	0.01866	30	Pass

-6dB Bandwidth

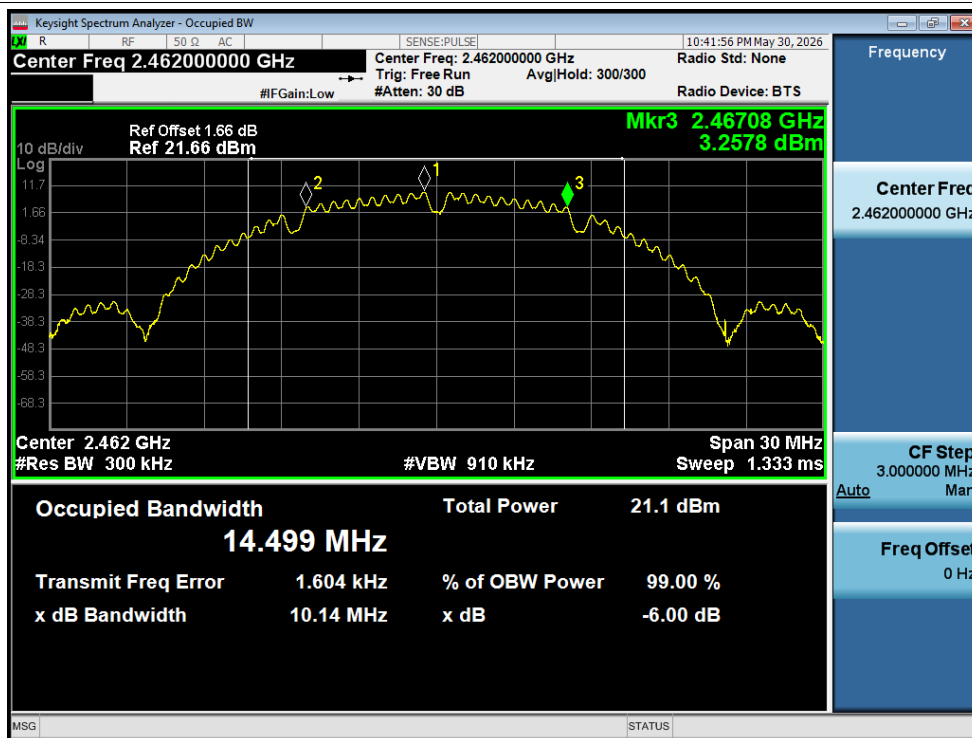
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.13	0.5	Pass
NVNT	b	2437	Ant1	10.13	0.5	Pass
NVNT	b	2462	Ant1	10.14	0.5	Pass
NVNT	g	2412	Ant1	16.22	0.5	Pass
NVNT	g	2437	Ant1	16.14	0.5	Pass
NVNT	g	2462	Ant1	16.15	0.5	Pass
NVNT	n20	2412	Ant1	17.46	0.5	Pass
NVNT	n20	2437	Ant1	17.36	0.5	Pass
NVNT	n20	2462	Ant1	16.97	0.5	Pass
NVNT	n40	2422	Ant1	35.82	0.5	Pass
NVNT	n40	2437	Ant1	36.37	0.5	Pass
NVNT	n40	2452	Ant1	35.94	0.5	Pass



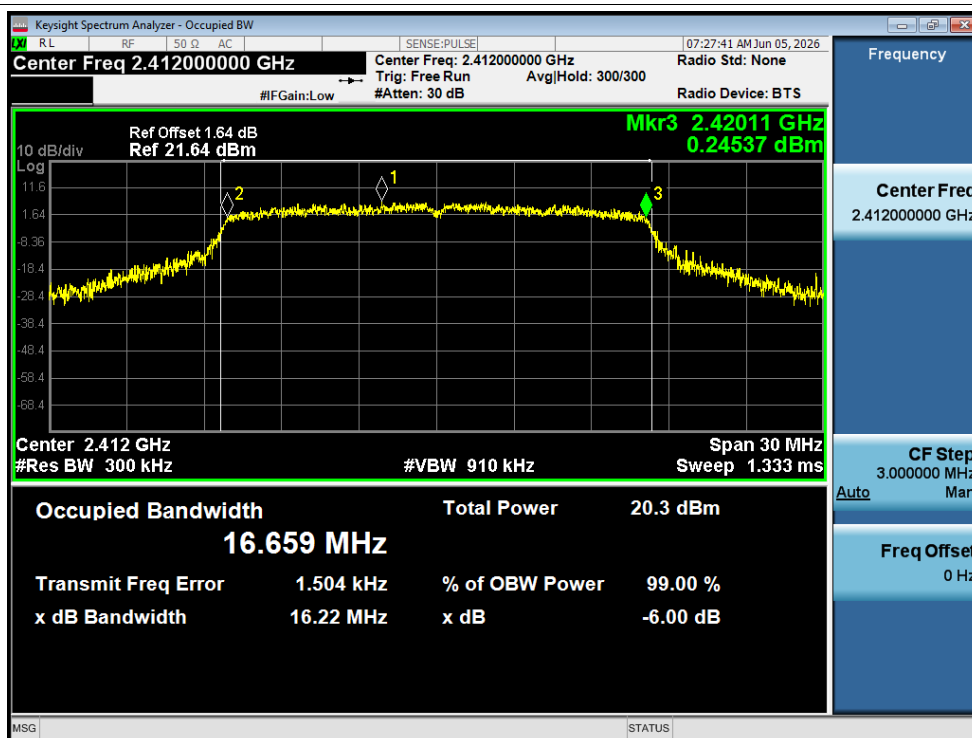
-6dB Bandwidth NVNT b 2412MHz Ant1



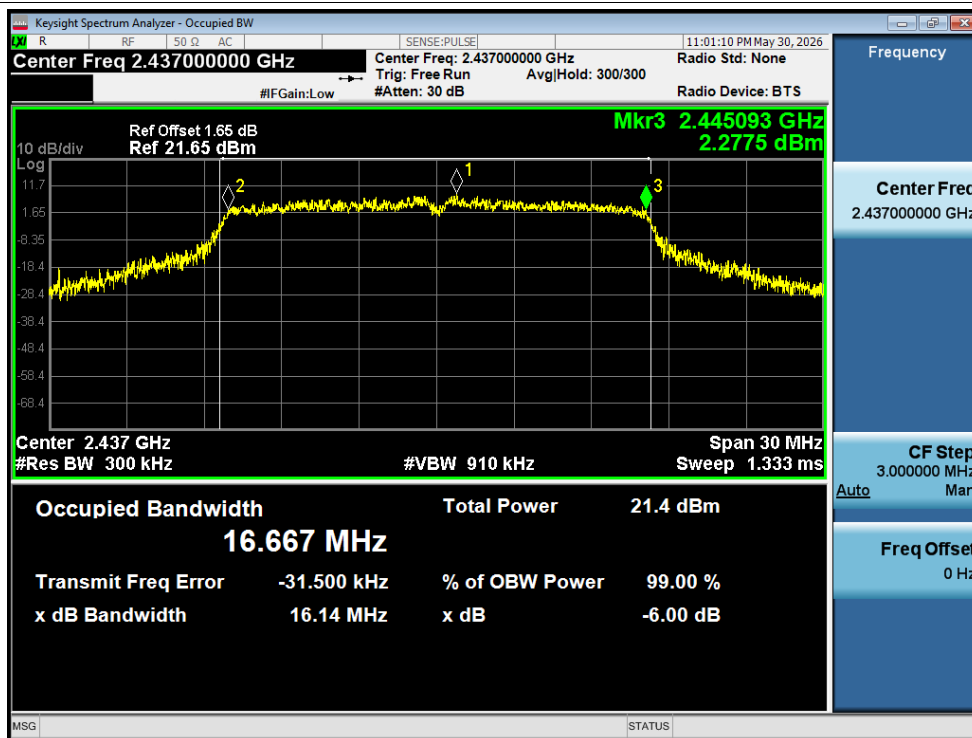
-6dB Bandwidth NVNT b 2437MHz Ant1



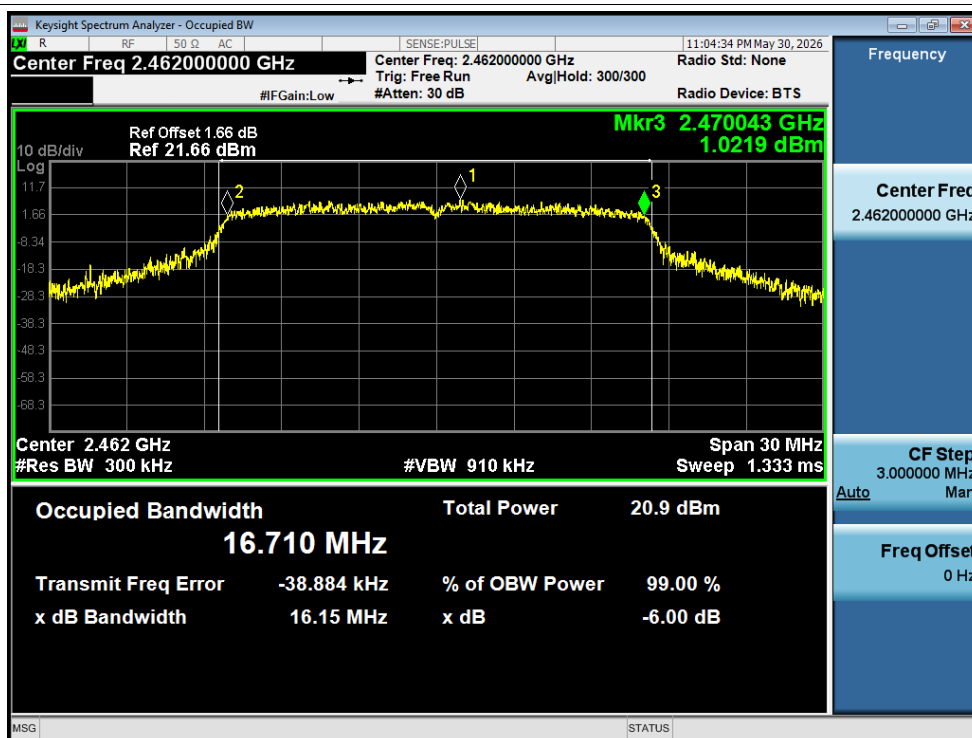
-6dB Bandwidth NVNT b 2462MHz Ant1



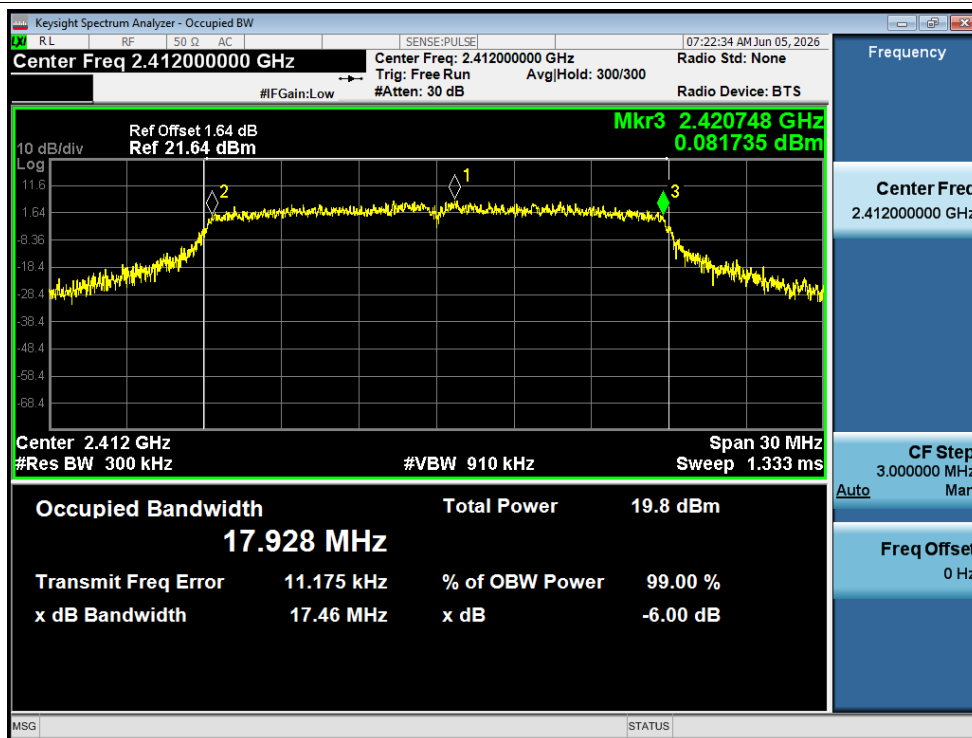
-6dB Bandwidth NVNT g 2412MHz Ant1



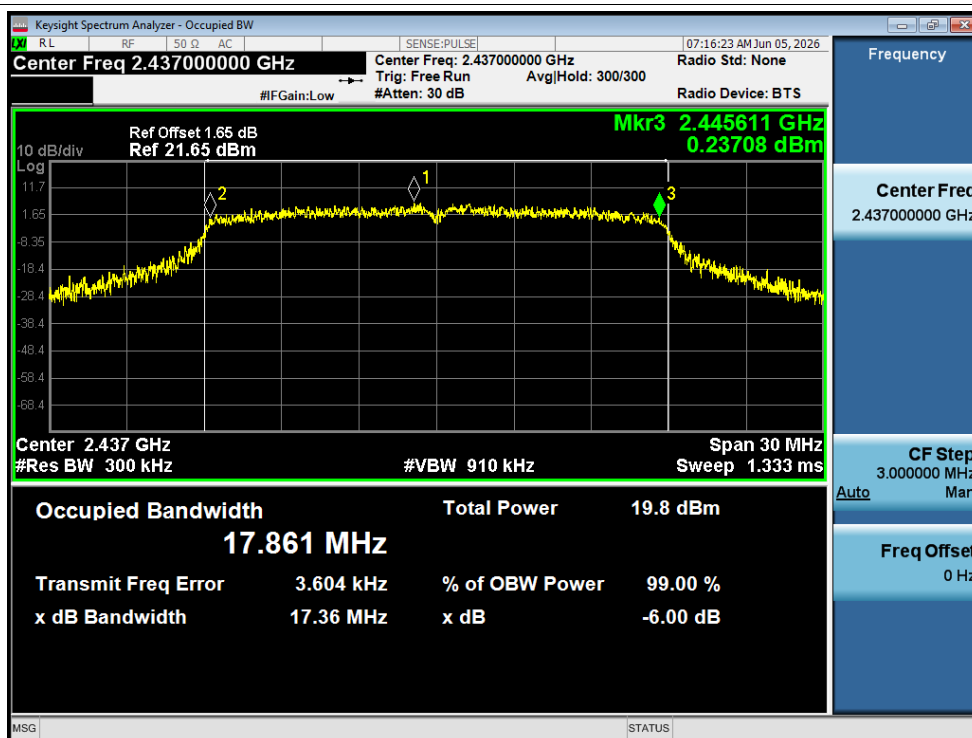
-6dB Bandwidth NVNT g 2437MHz Ant1



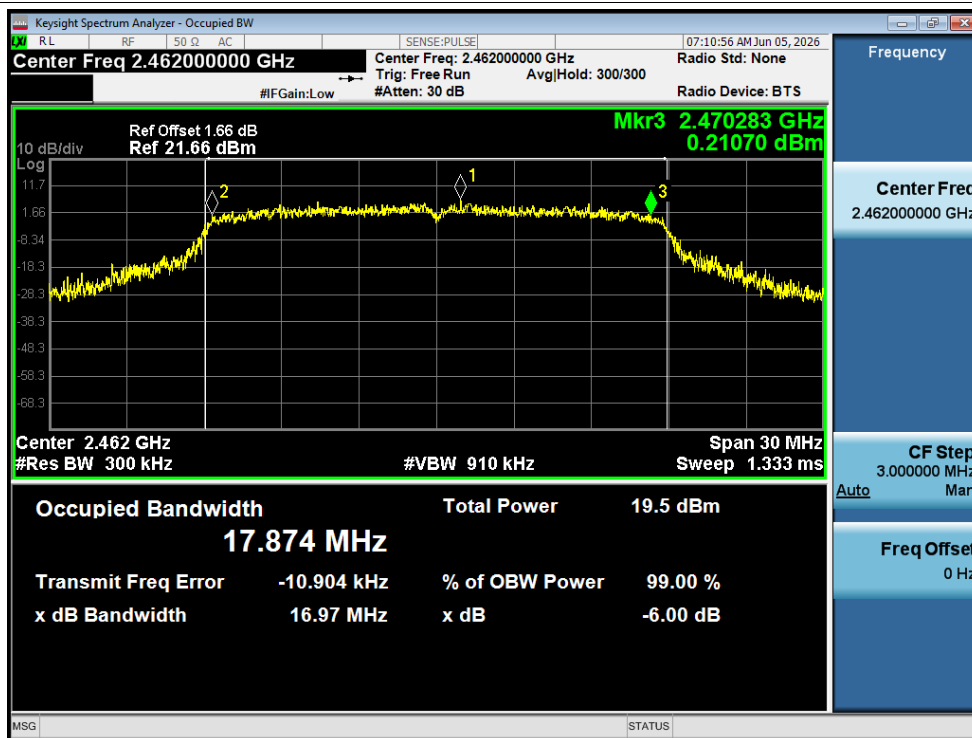
-6dB Bandwidth NVNT g 2462MHz Ant1



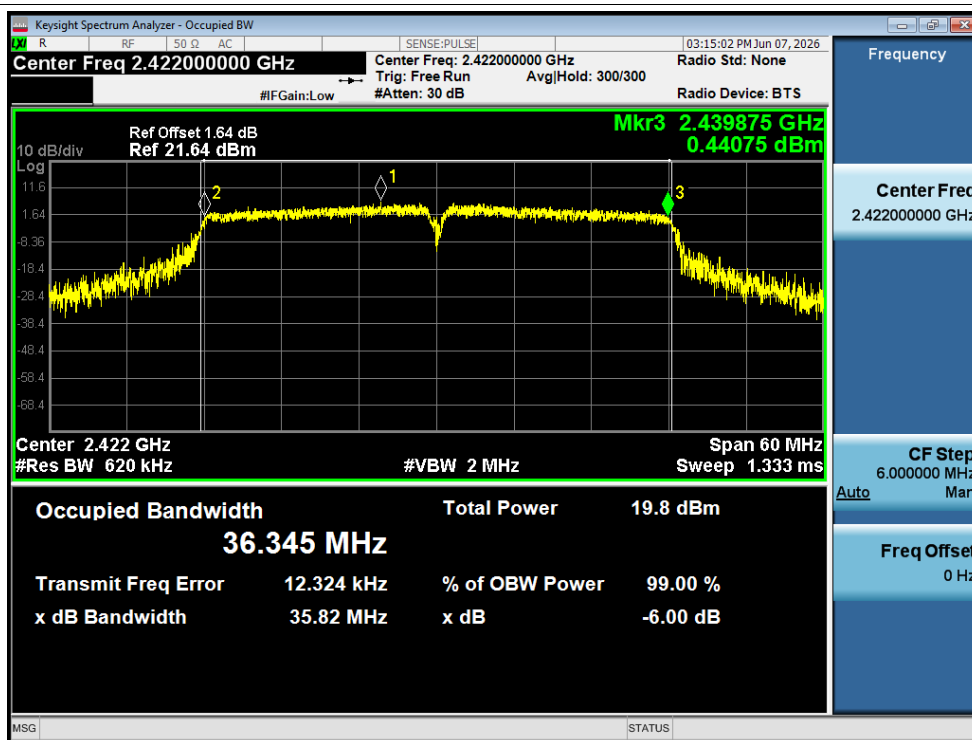
-6dB Bandwidth NVNT n20 2412MHz Ant1



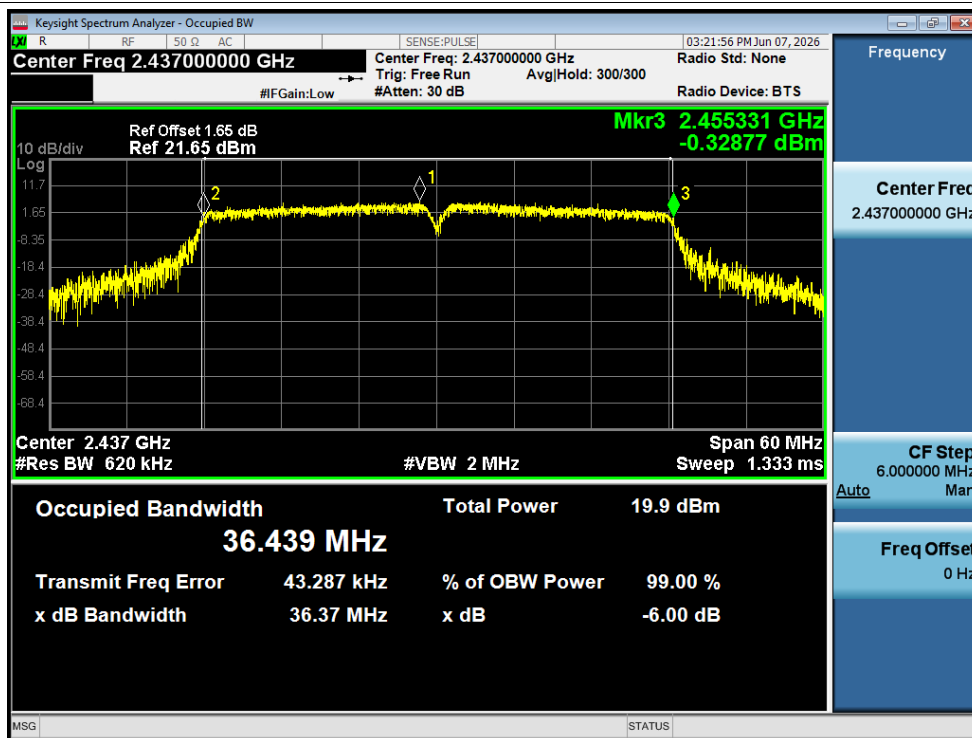
-6dB Bandwidth NVNT n20 2437MHz Ant1



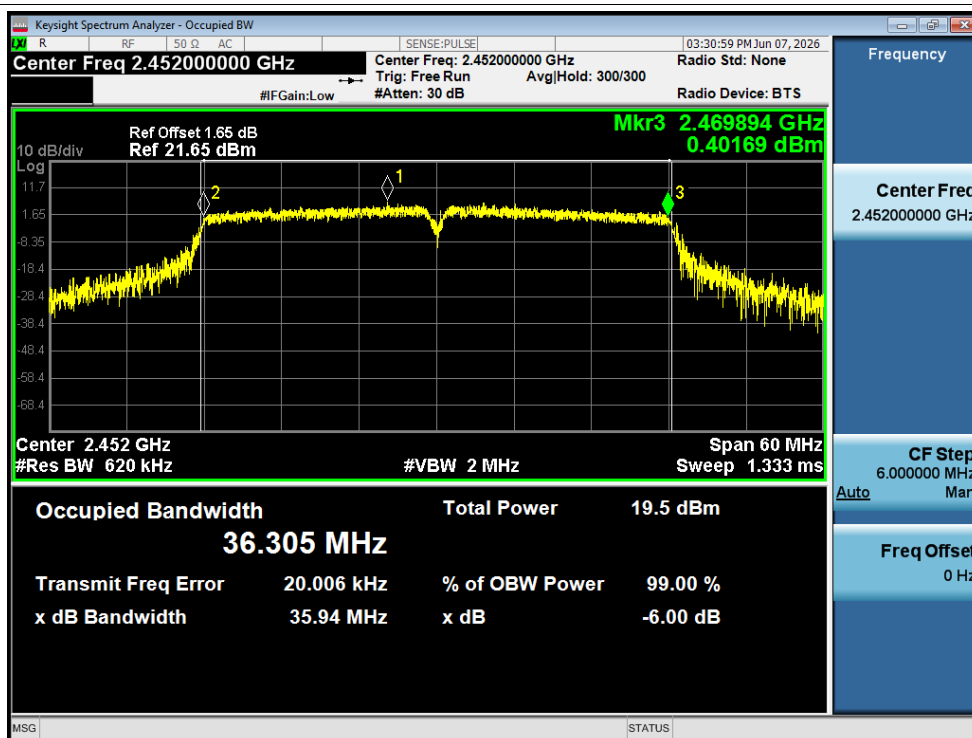
-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant1



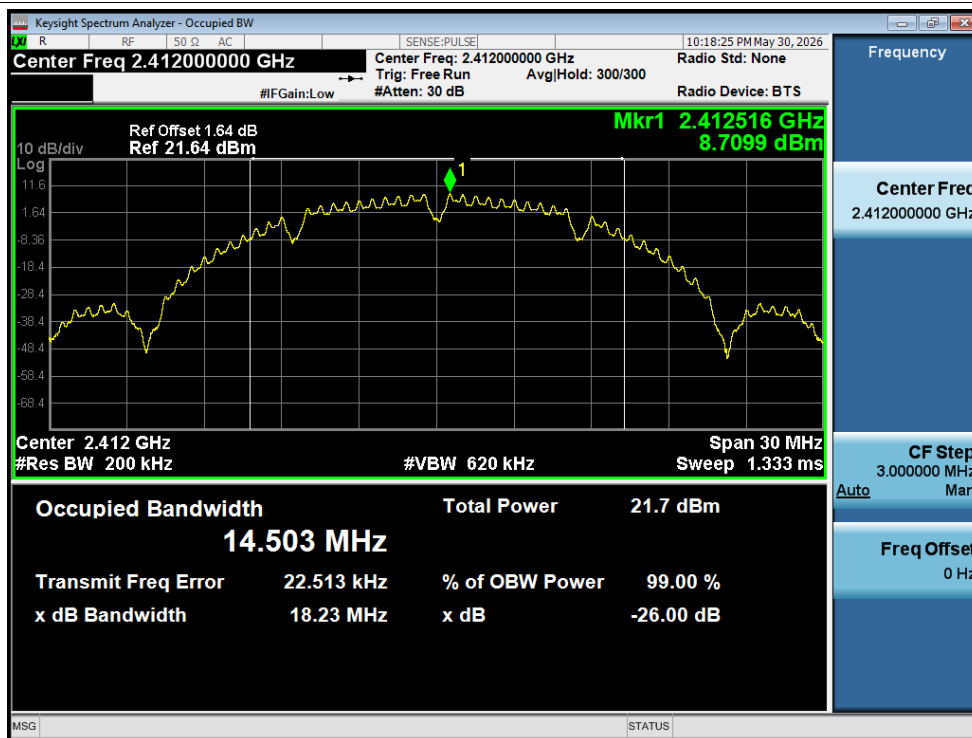
-6dB Bandwidth NVNT n40 2437MHz Ant1



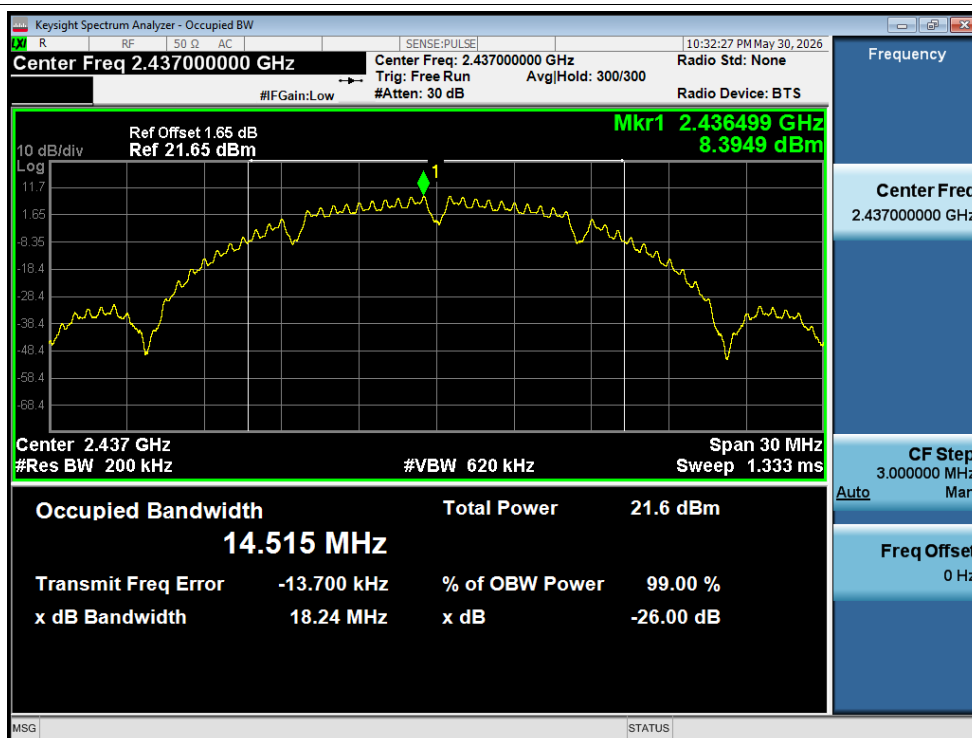
-6dB Bandwidth NVNT n40 2452MHz Ant1

Occupied Channel Bandwidth

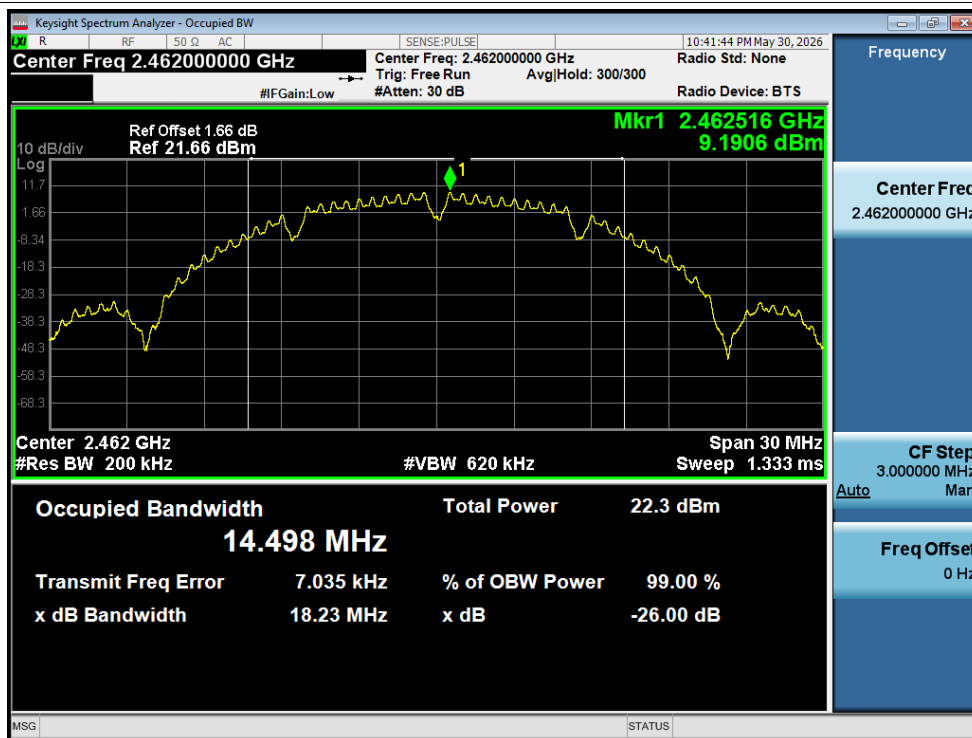
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.503
NVNT	b	2437	Ant1	14.515
NVNT	b	2462	Ant1	14.498
NVNT	g	2412	Ant1	16.486
NVNT	g	2437	Ant1	16.597
NVNT	g	2462	Ant1	16.528
NVNT	n20	2412	Ant1	17.674
NVNT	n20	2437	Ant1	17.73
NVNT	n20	2462	Ant1	17.695
NVNT	n40	2422	Ant1	36.211
NVNT	n40	2437	Ant1	36.295
NVNT	n40	2452	Ant1	36.265



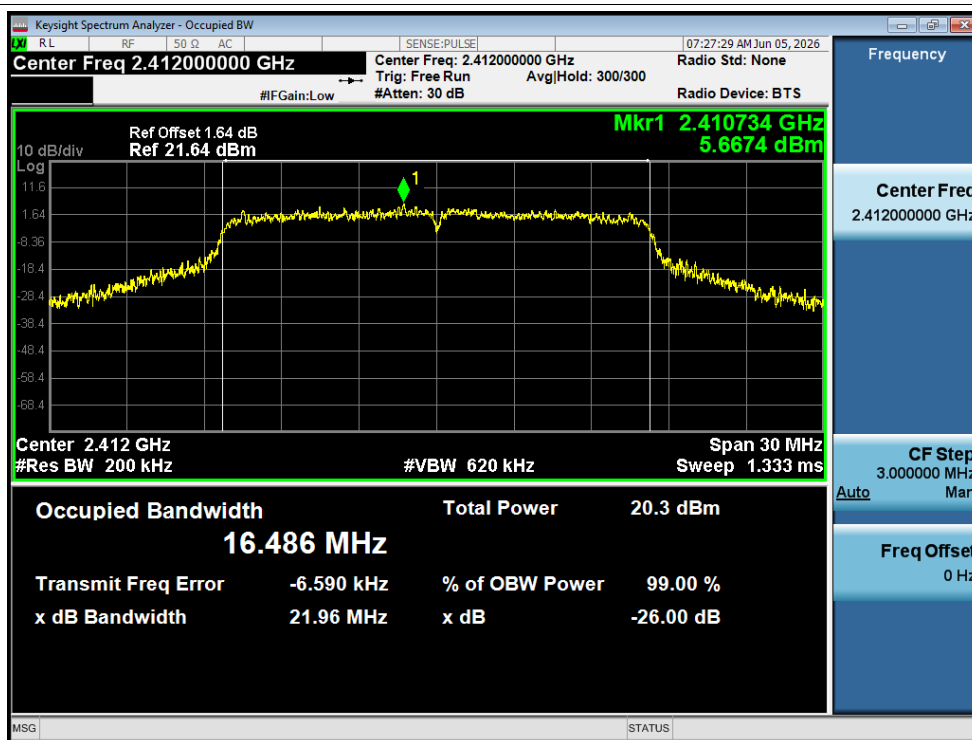
OBW NVNT b 2412MHz Ant1



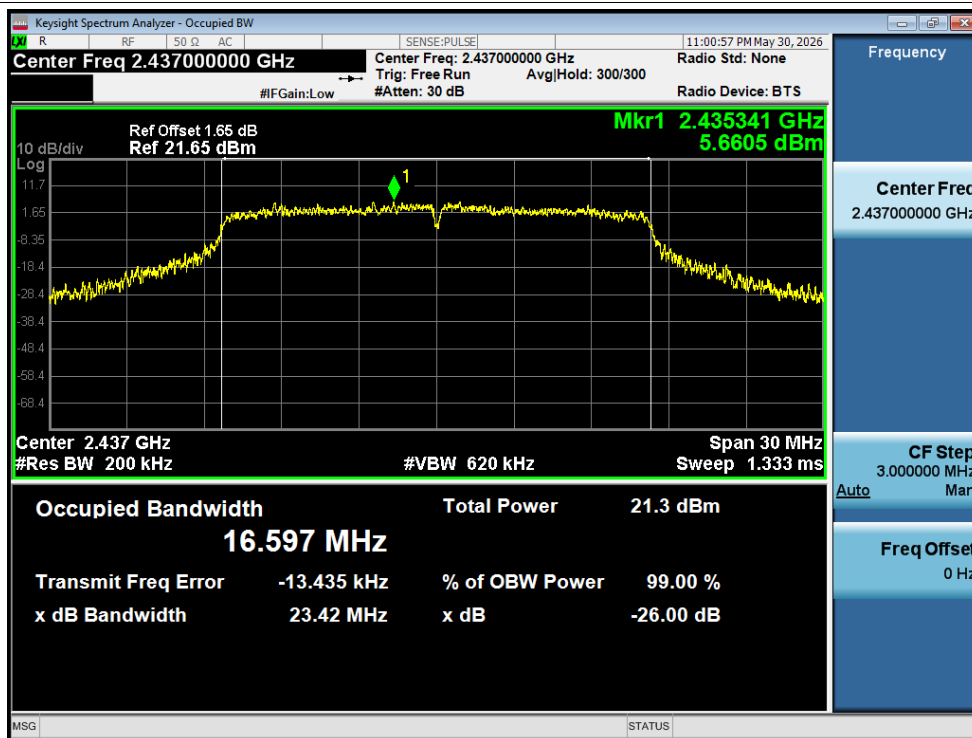
OBW NVNT b 2437MHz Ant1



OBW NVNT b 2462MHz Ant1



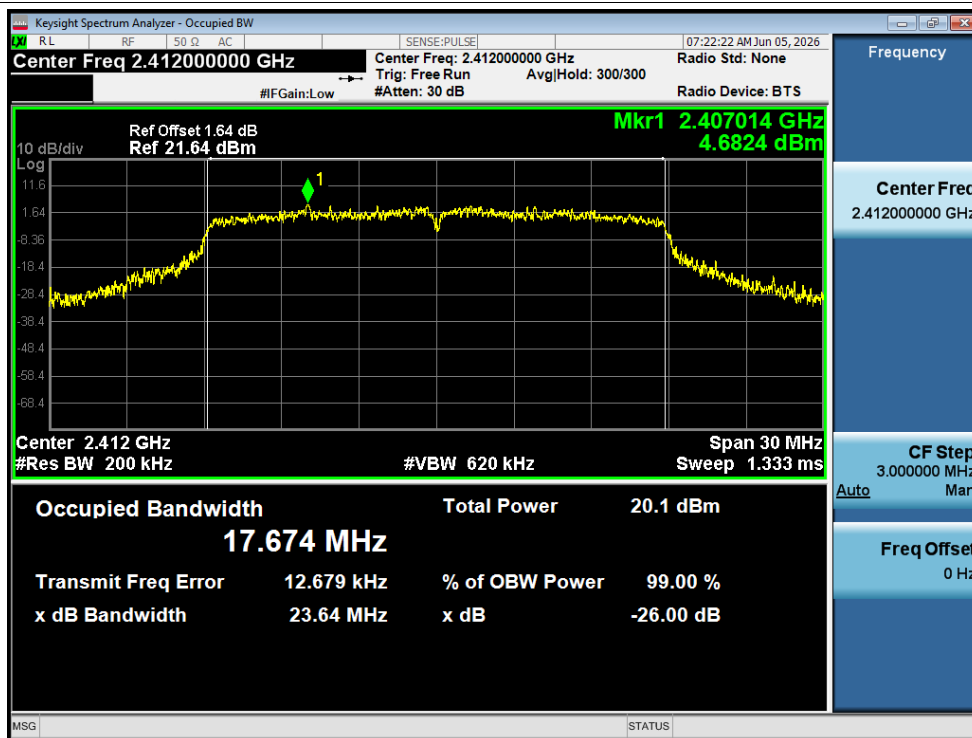
OBW NVNT g 2412MHz Ant1



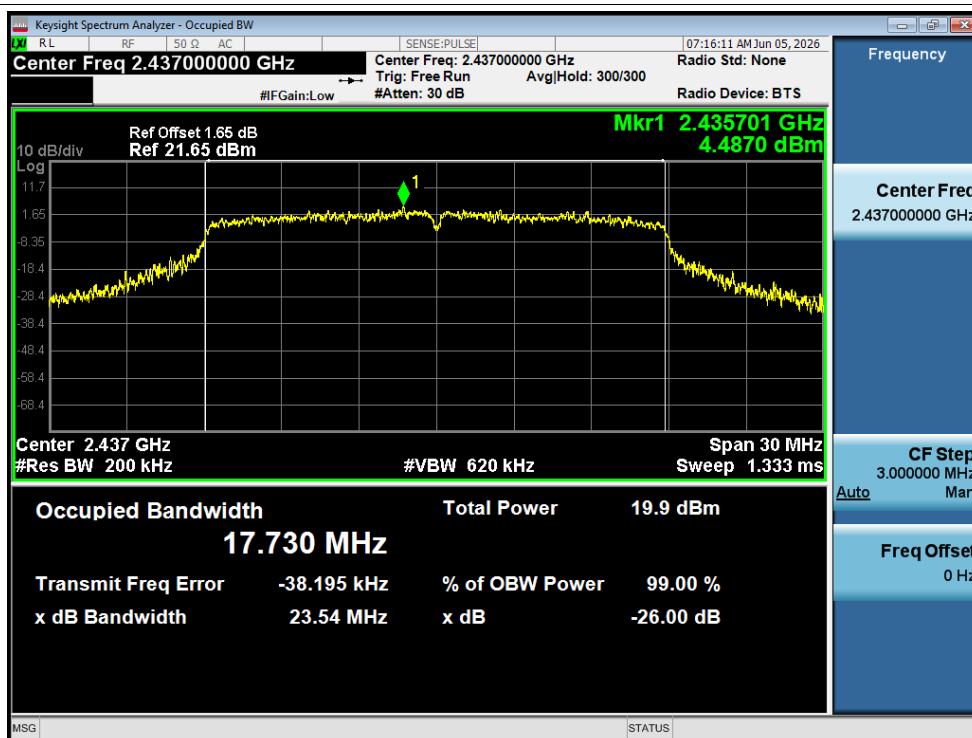
OBW NVNT g 2437MHz Ant1



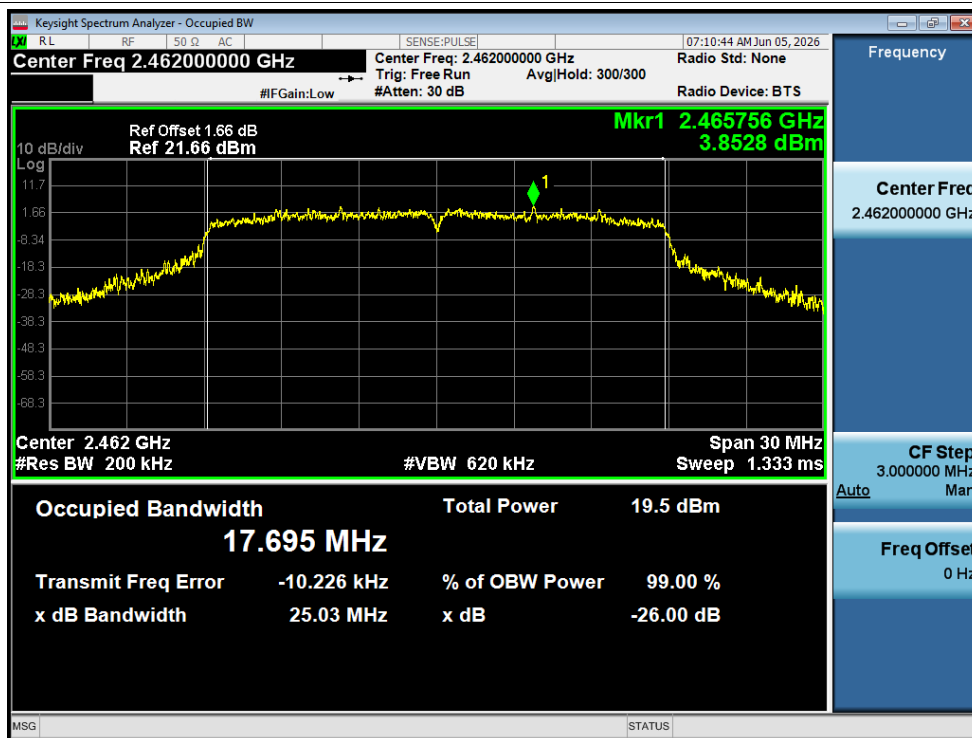
OBW NVNT g 2462MHz Ant1



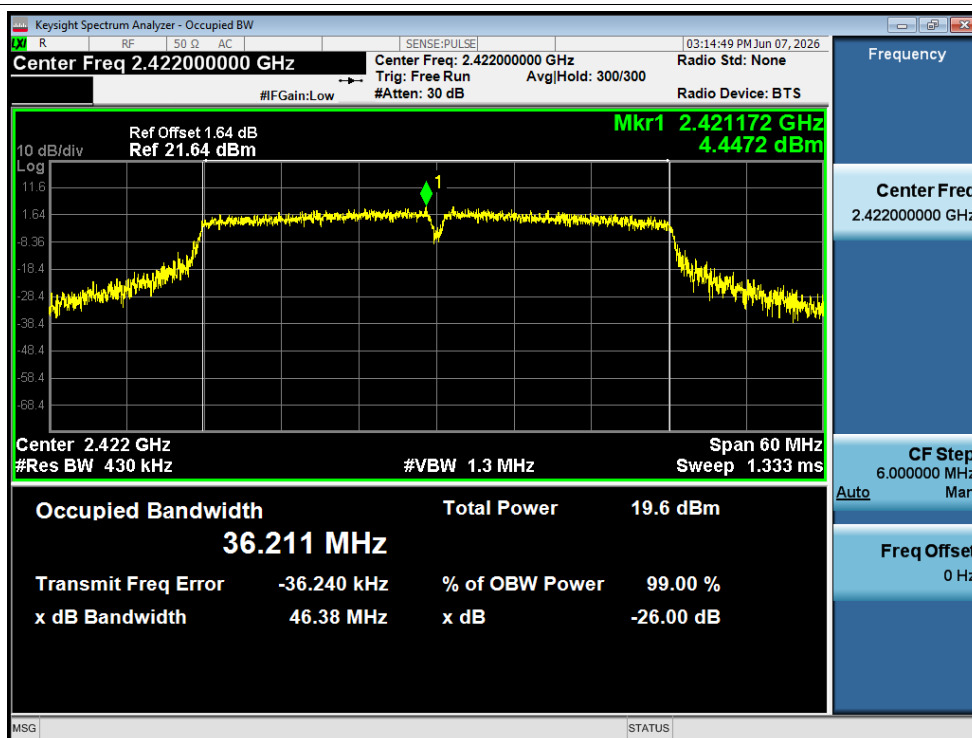
OBW NVNT n20 2412MHz Ant1



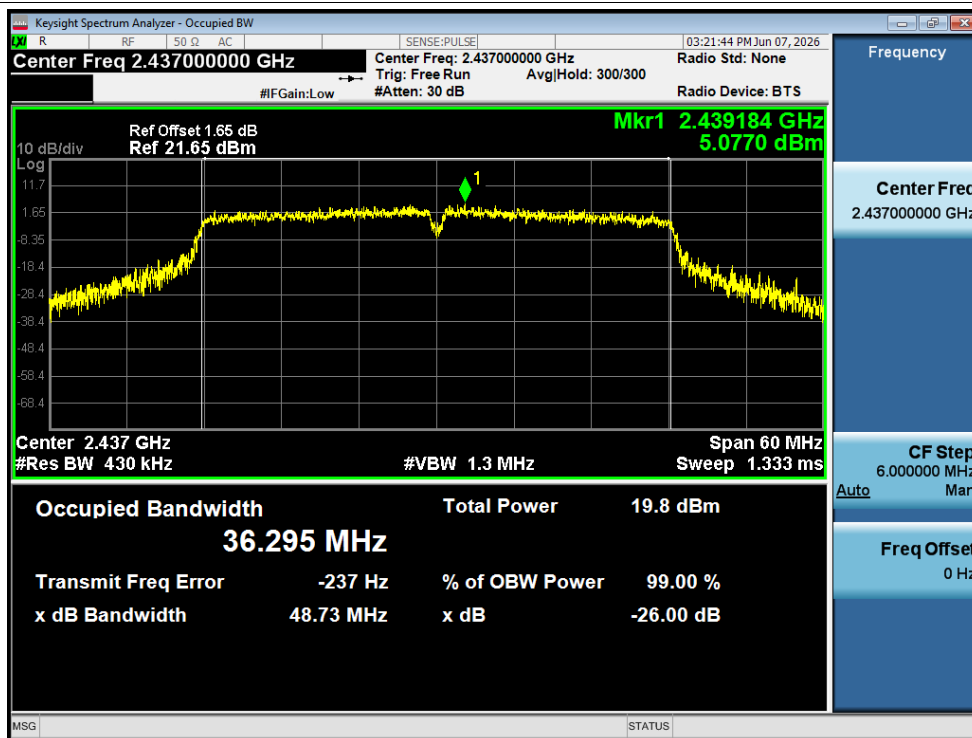
OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2462MHz Ant1



OBW NVNT n40 2422MHz Ant1



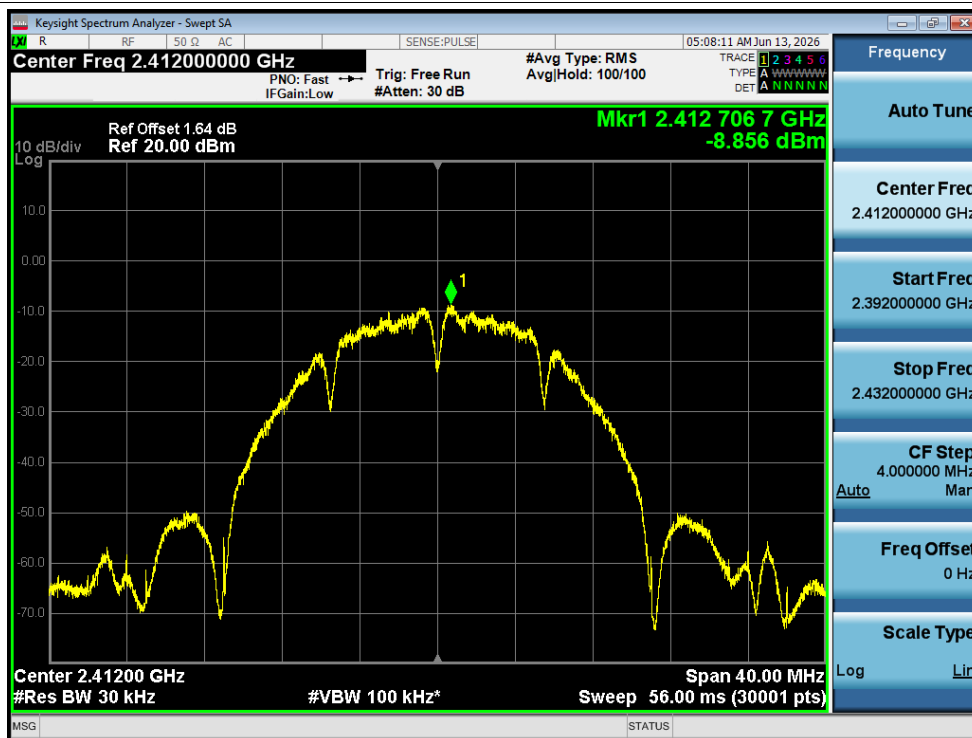
OBW NVNT n40 2437MHz Ant1



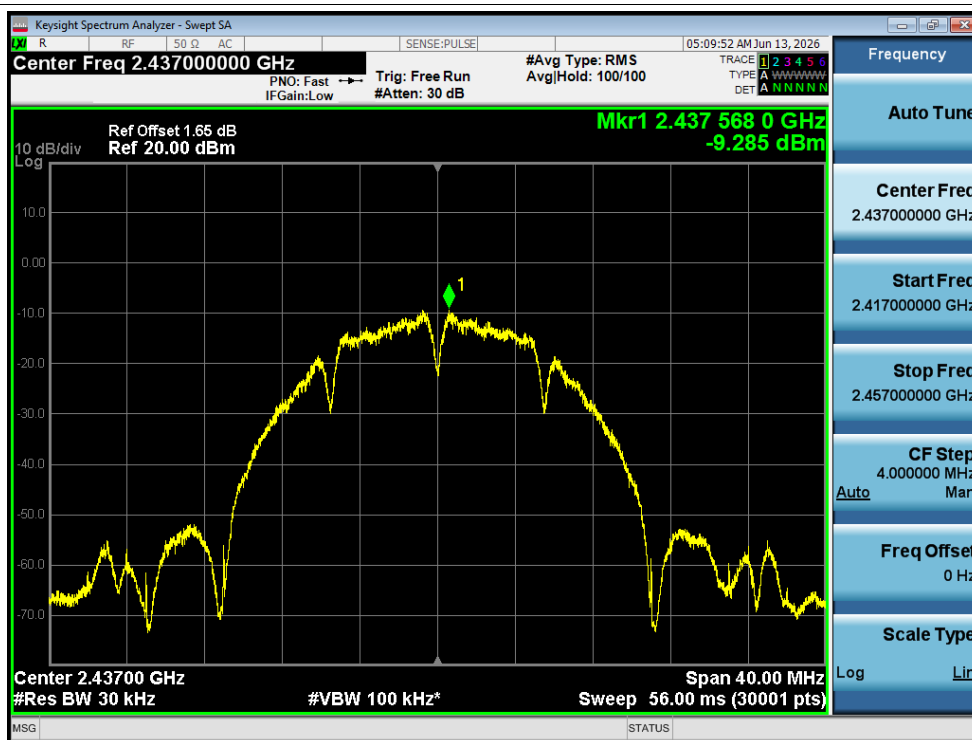
OBW NVNT n40 2452MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-18.86	2.61	-16.25	8	Pass
NVNT	b	2437	Ant1	-19.29	2.62	-16.67	8	Pass
NVNT	b	2462	Ant1	-18.41	2.61	-15.8	8	Pass
NVNT	g	2412	Ant1	-24.13	7.75	-16.38	8	Pass
NVNT	g	2437	Ant1	-23.3	7.93	-15.37	8	Pass
NVNT	g	2462	Ant1	-23.89	7.75	-16.14	8	Pass
NVNT	n20	2412	Ant1	-25.03	8	-17.03	8	Pass
NVNT	n20	2437	Ant1	-24.98	8.03	-16.95	8	Pass
NVNT	n20	2462	Ant1	-25.7	8.03	-17.67	8	Pass
NVNT	n40	2422	Ant1	-33.13	10.62	-22.51	8	Pass
NVNT	n40	2437	Ant1	-32.49	10.74	-21.75	8	Pass
NVNT	n40	2452	Ant1	-32.74	10.74	-22	8	Pass



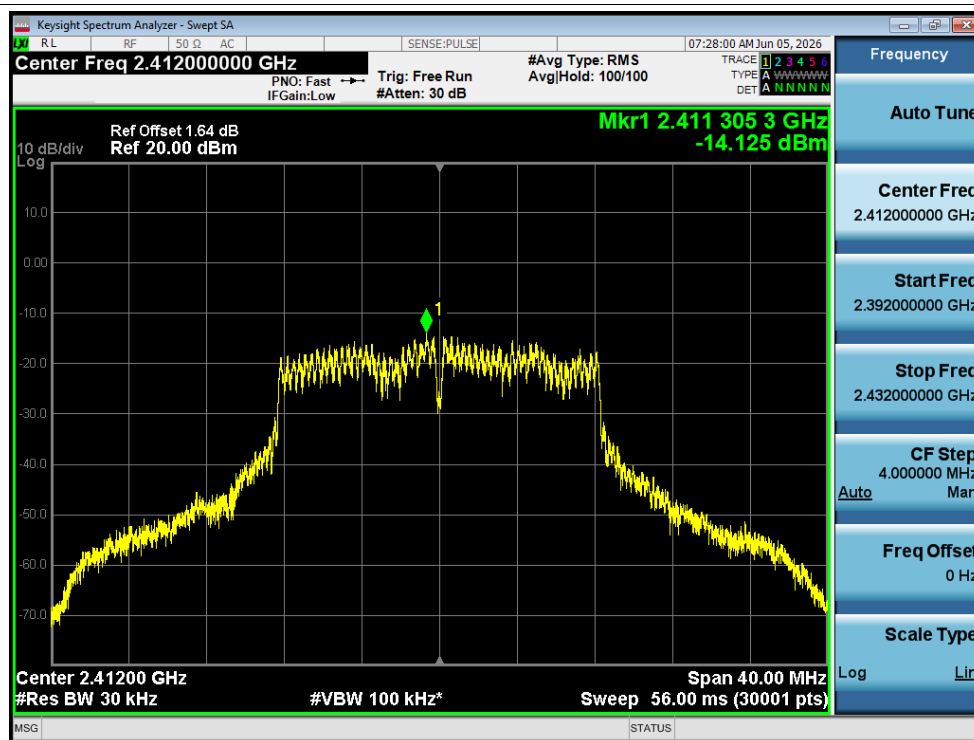
PSD NVNT b 2412MHz Ant1



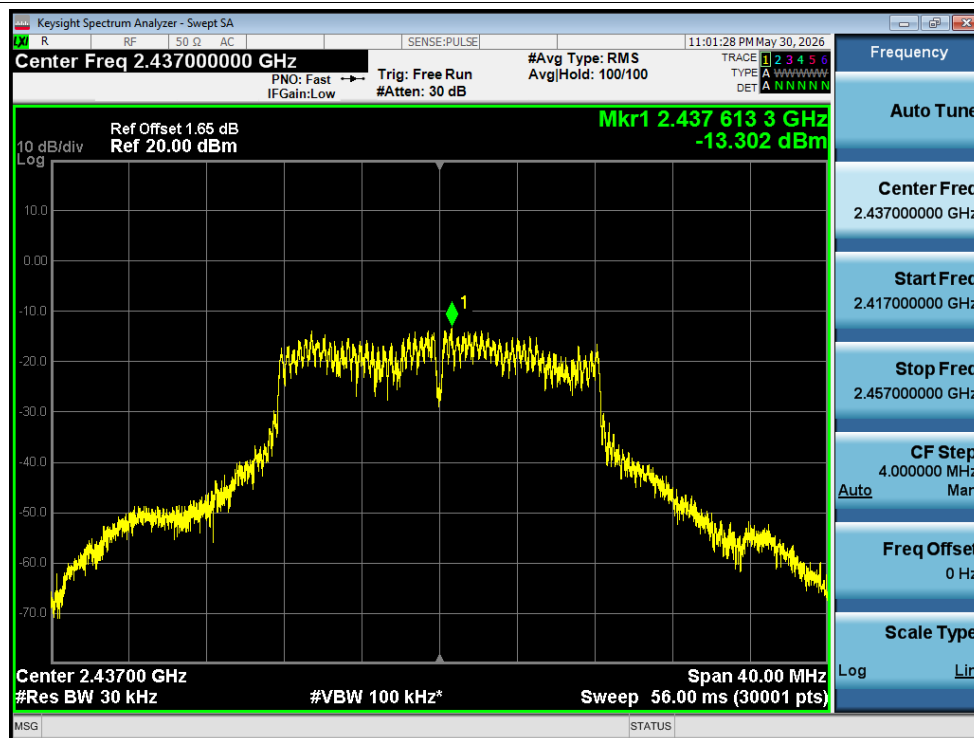
PSD NVNT b 2437MHz Ant1



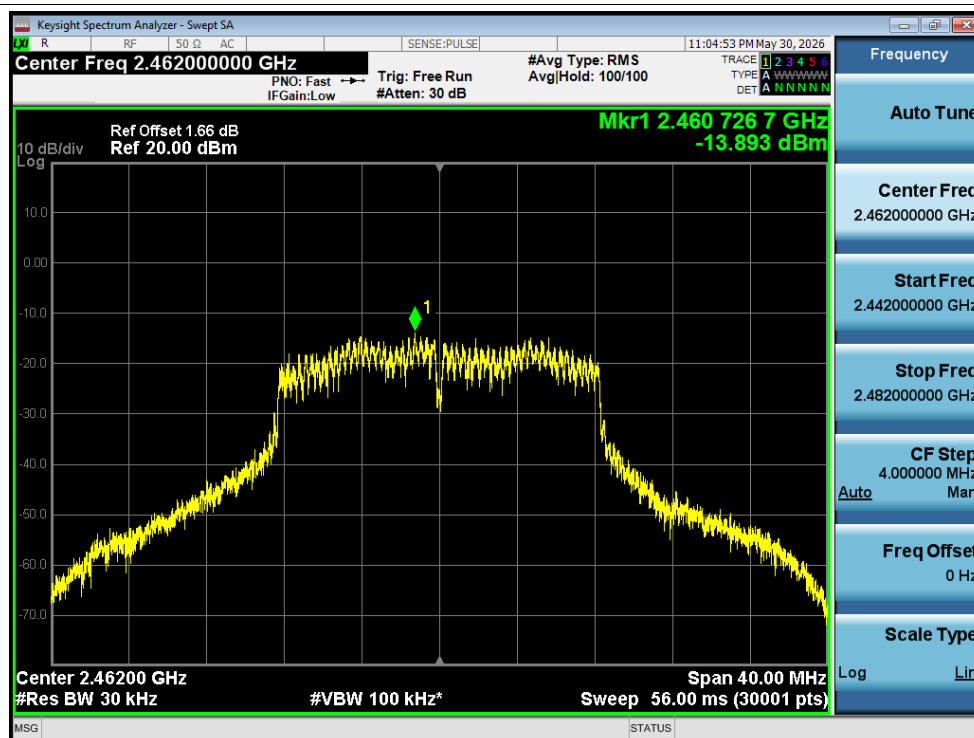
PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1



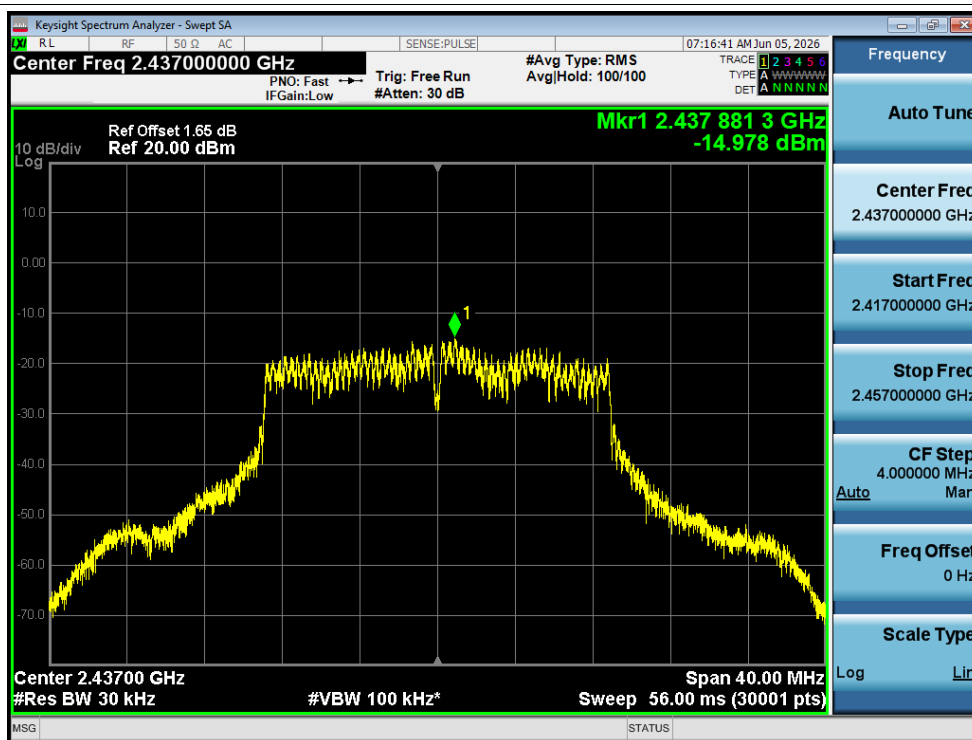
PSD NVNT g 2437MHz Ant1



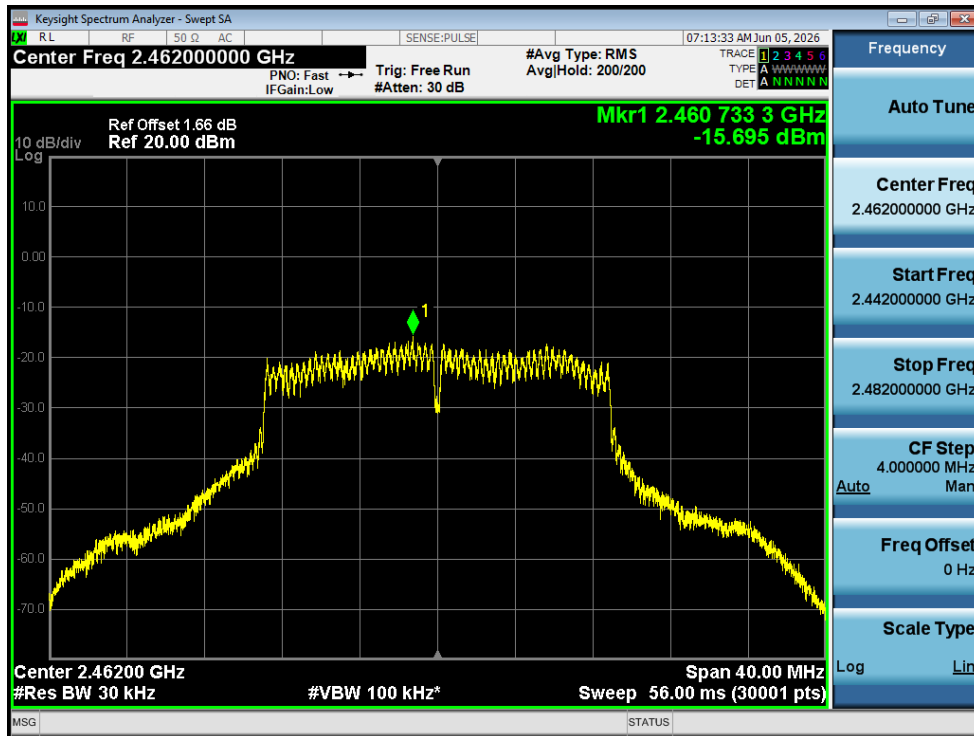
PSD NVNT g 2462MHz Ant1



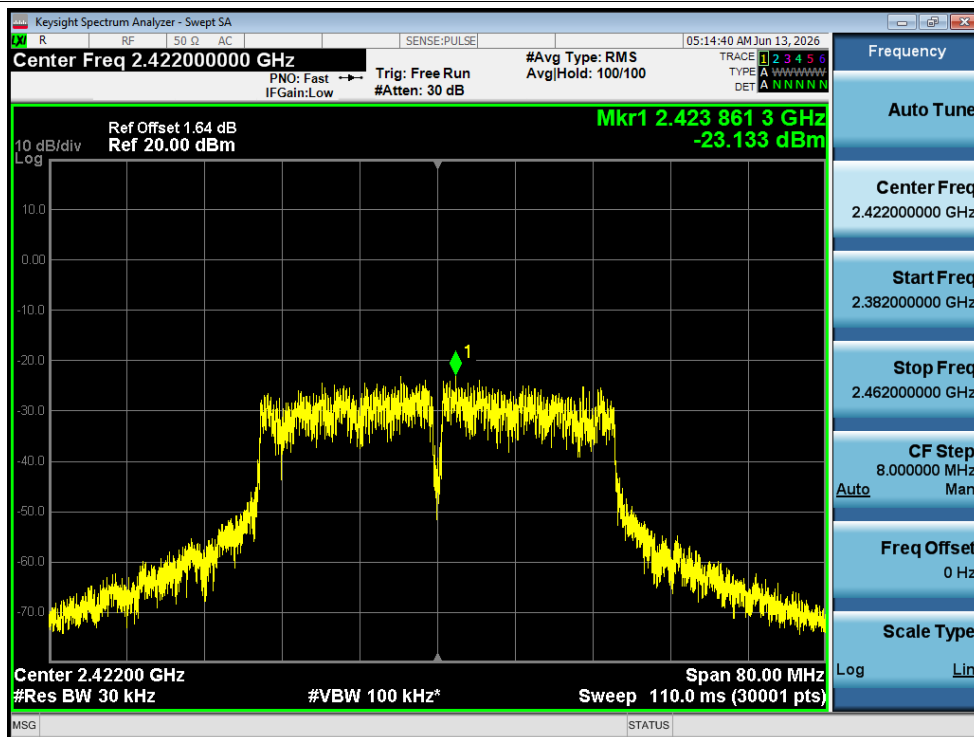
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1



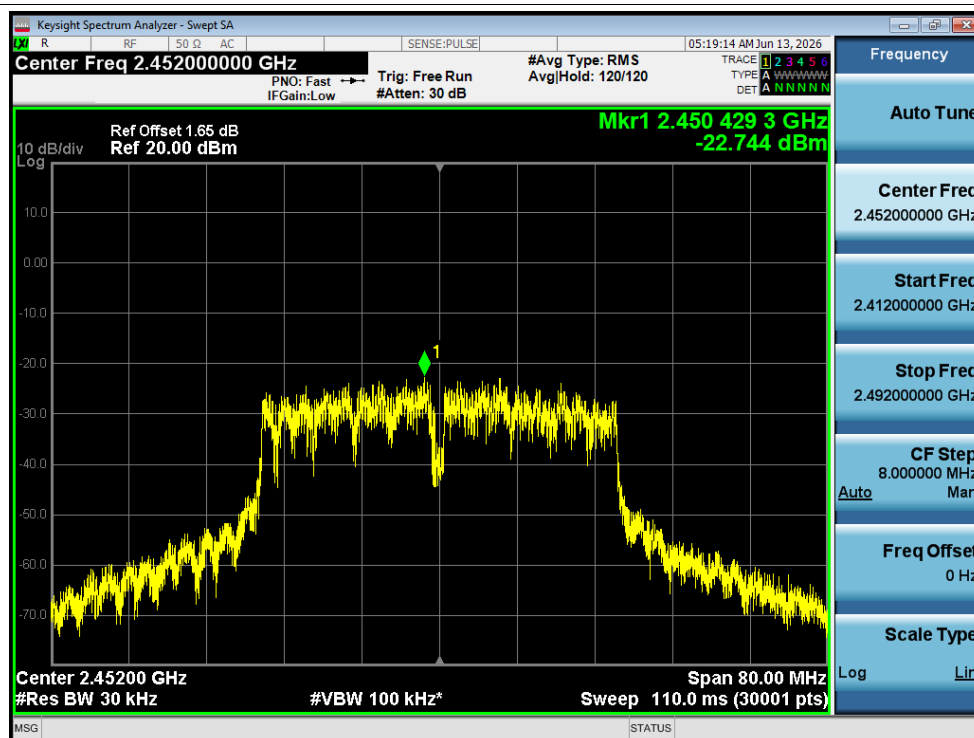
PSD NVNT n20 2462MHz Ant1



PSD NVNT n40 2422MHz Ant1



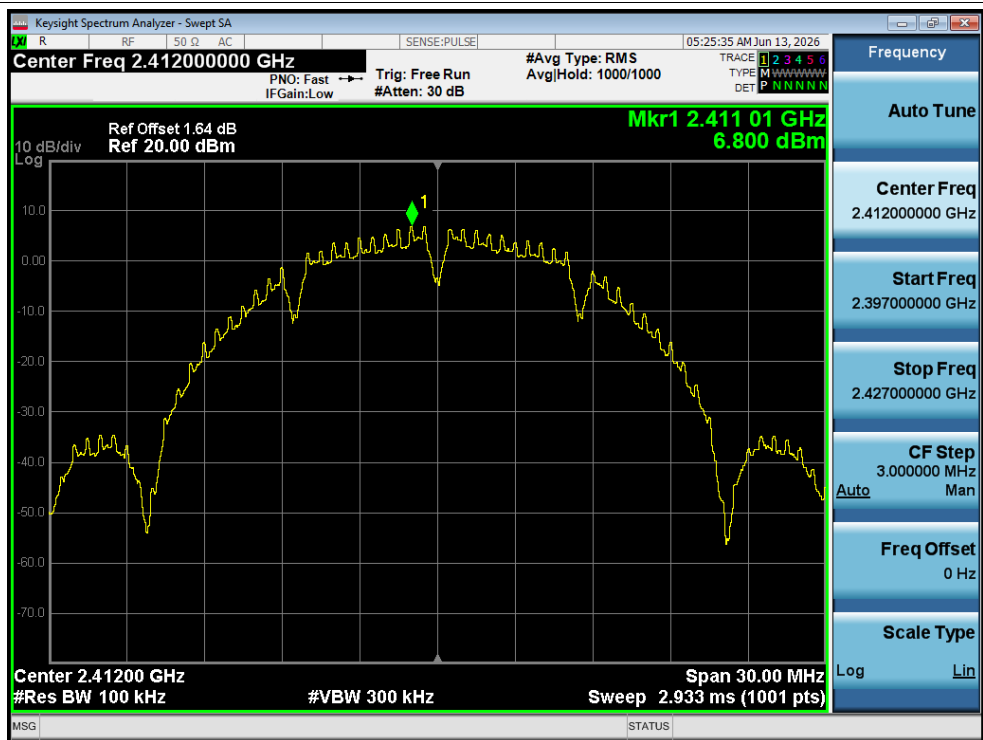
PSD NVNT n40 2437MHz Ant1



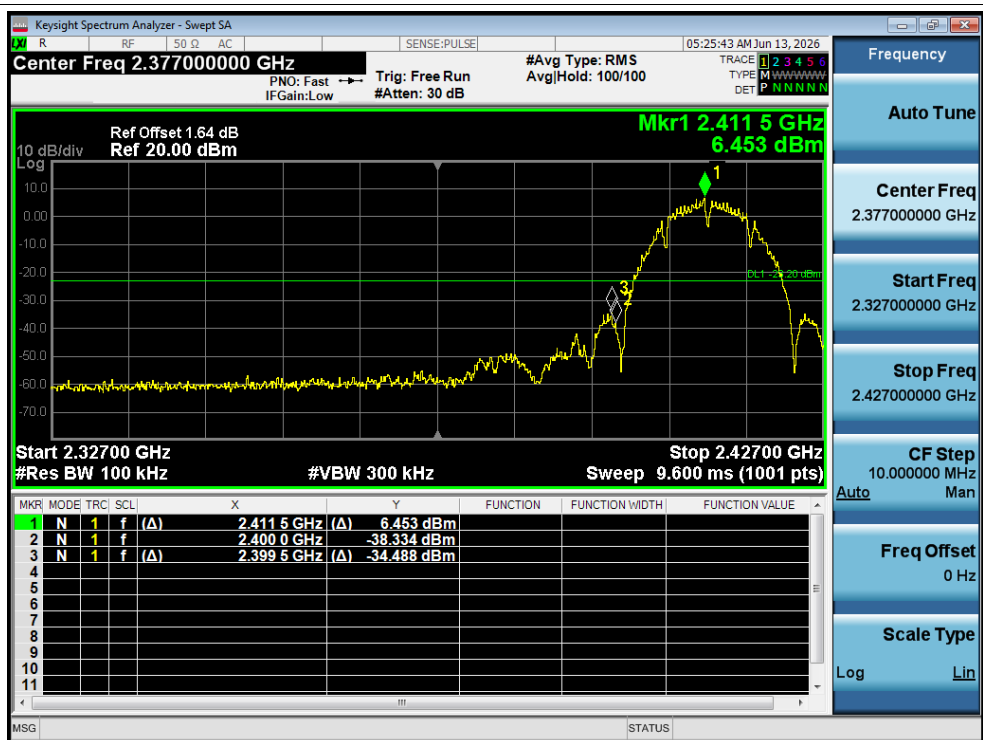
PSD NVNT n40 2452MHz Ant1

Band Edge

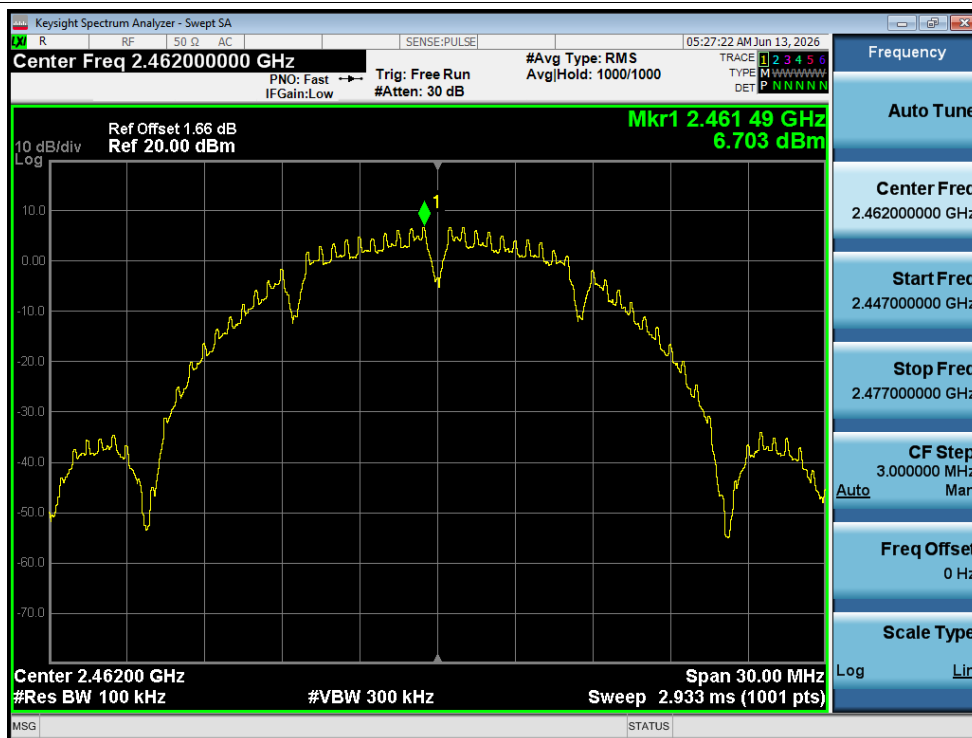
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-41.29	-30	Pass
NVNT	b	2462	Ant1	-55.12	-30	Pass
NVNT	g	2412	Ant1	-31.46	-30	Pass
NVNT	g	2462	Ant1	-47.55	-30	Pass
NVNT	n20	2412	Ant1	-31.48	-30	Pass
NVNT	n20	2462	Ant1	-47.38	-30	Pass
NVNT	n40	2422	Ant1	-30.71	-30	Pass
NVNT	n40	2452	Ant1	-36.79	-30	Pass



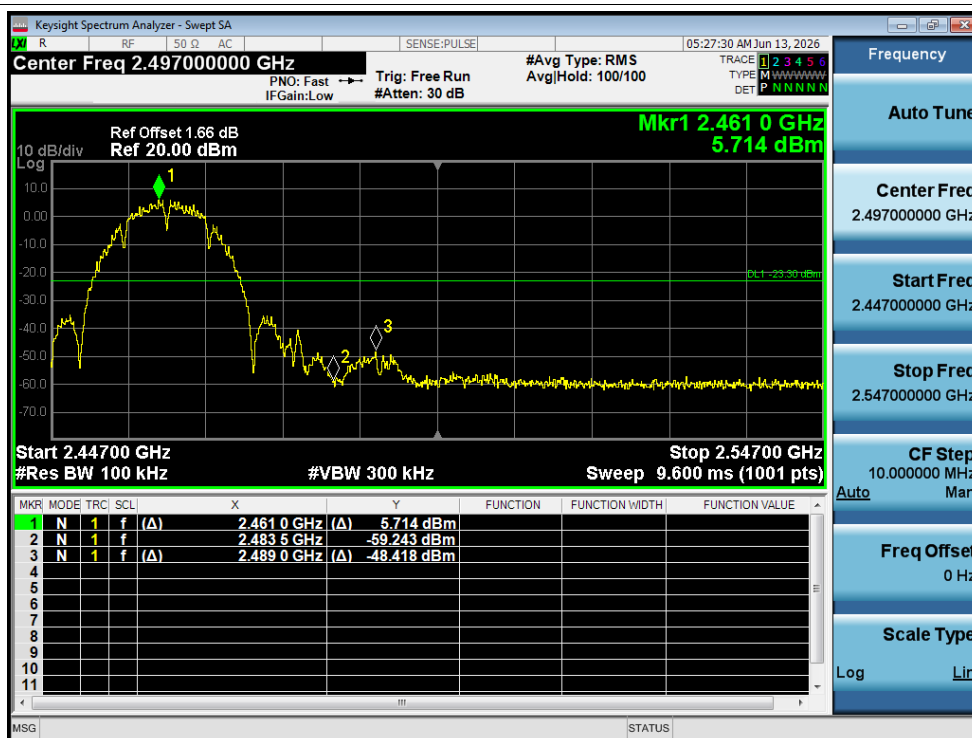
Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



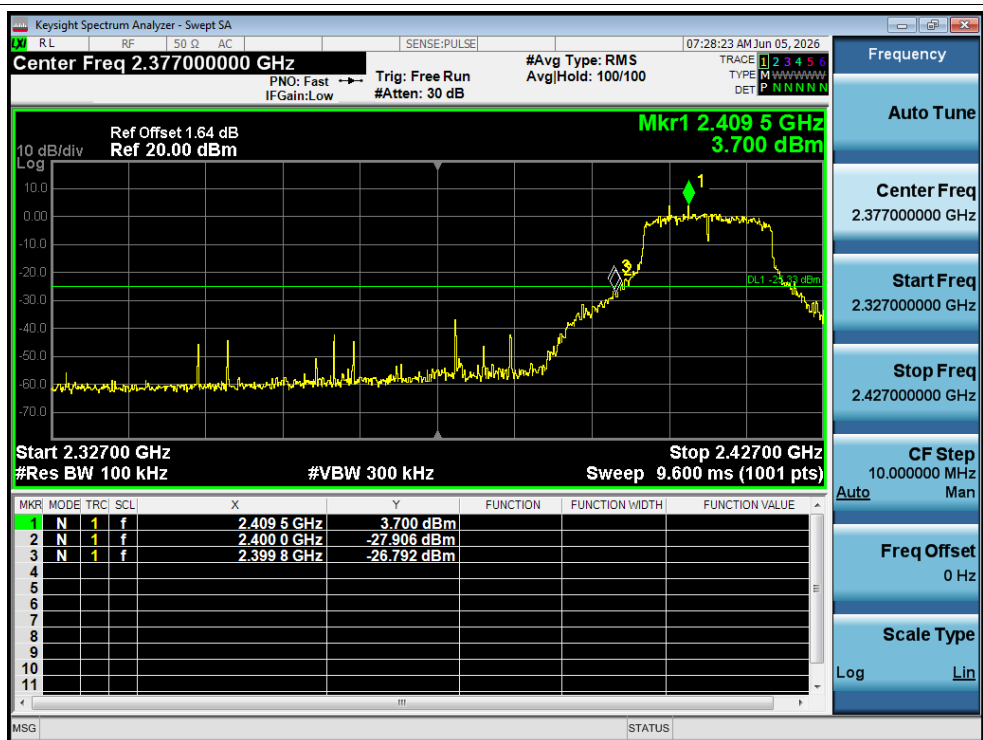
Band Edge NVNT b 2462MHz Ant1 Ref



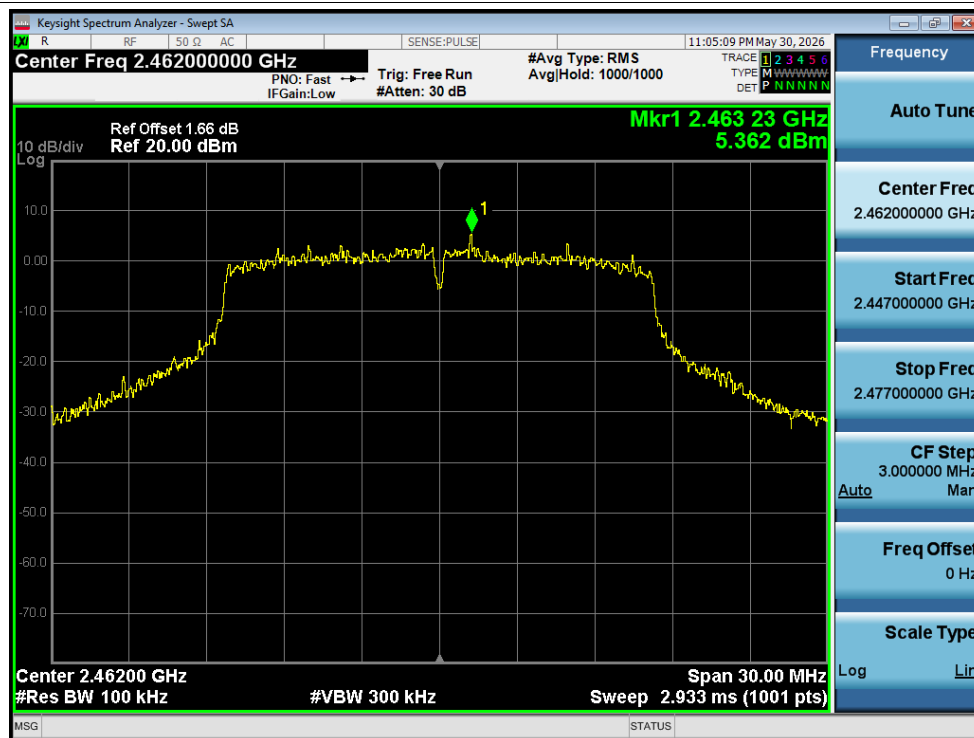
Band Edge NVNT b 2462MHz Ant1 Emission



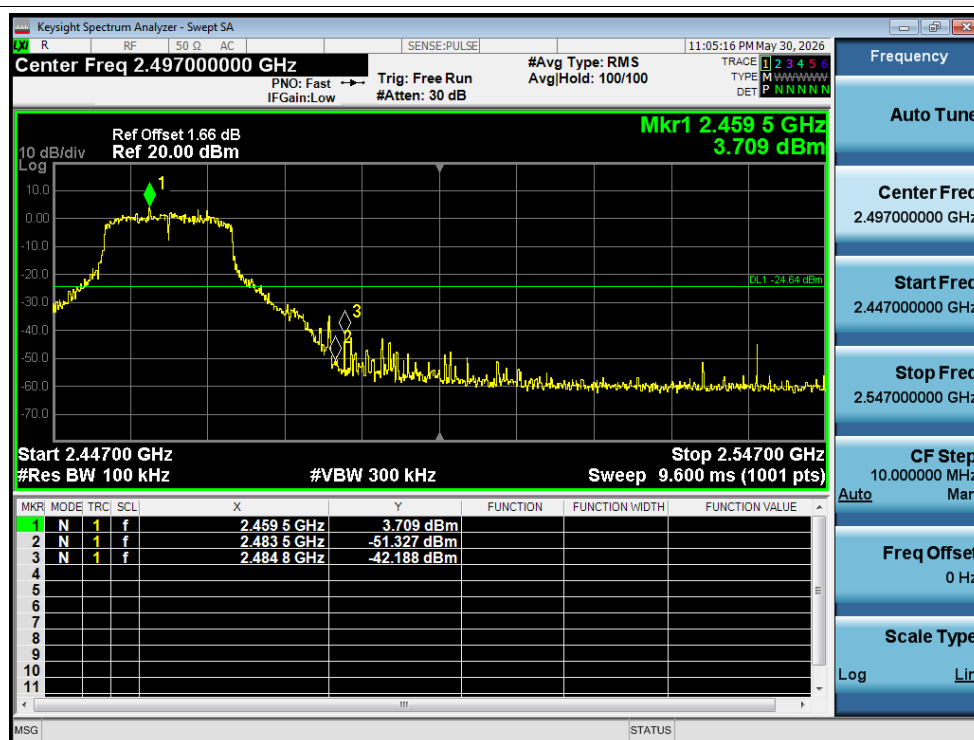
Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission



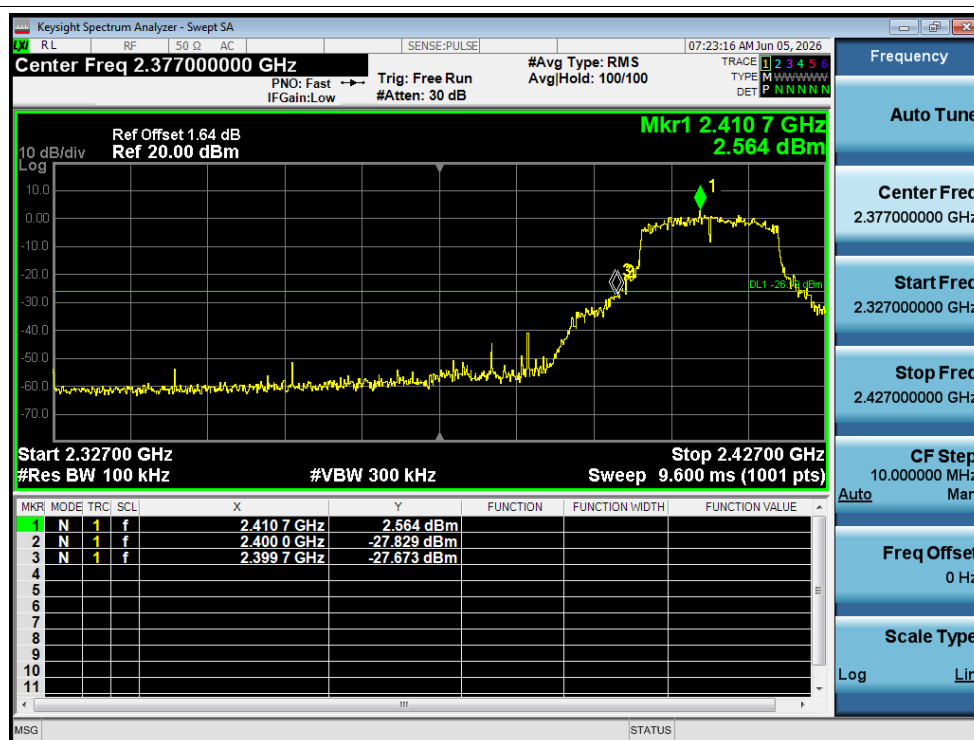
Band Edge NVNT g 2462MHz Ant1 Ref



Band Edge NVNT g 2462MHz Ant1 Emission



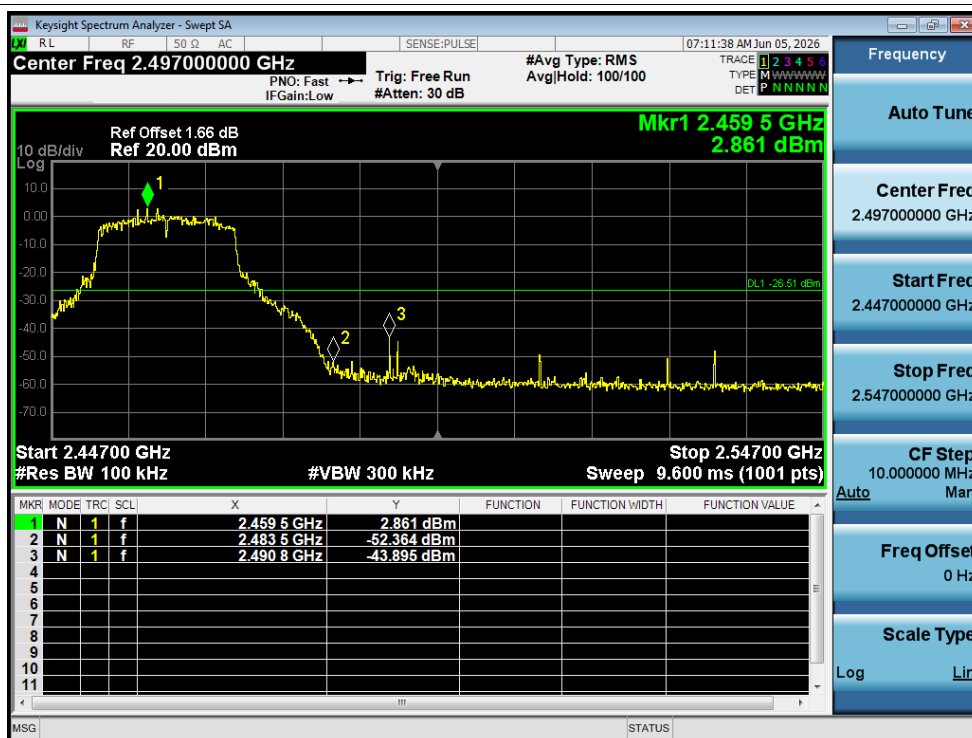
Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission



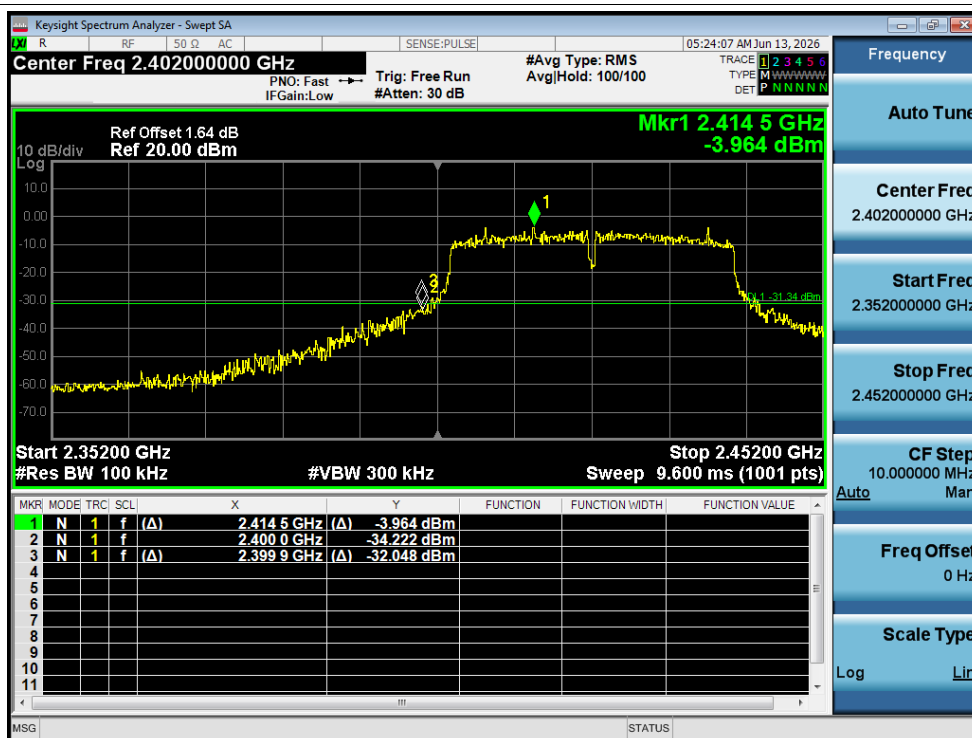
Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



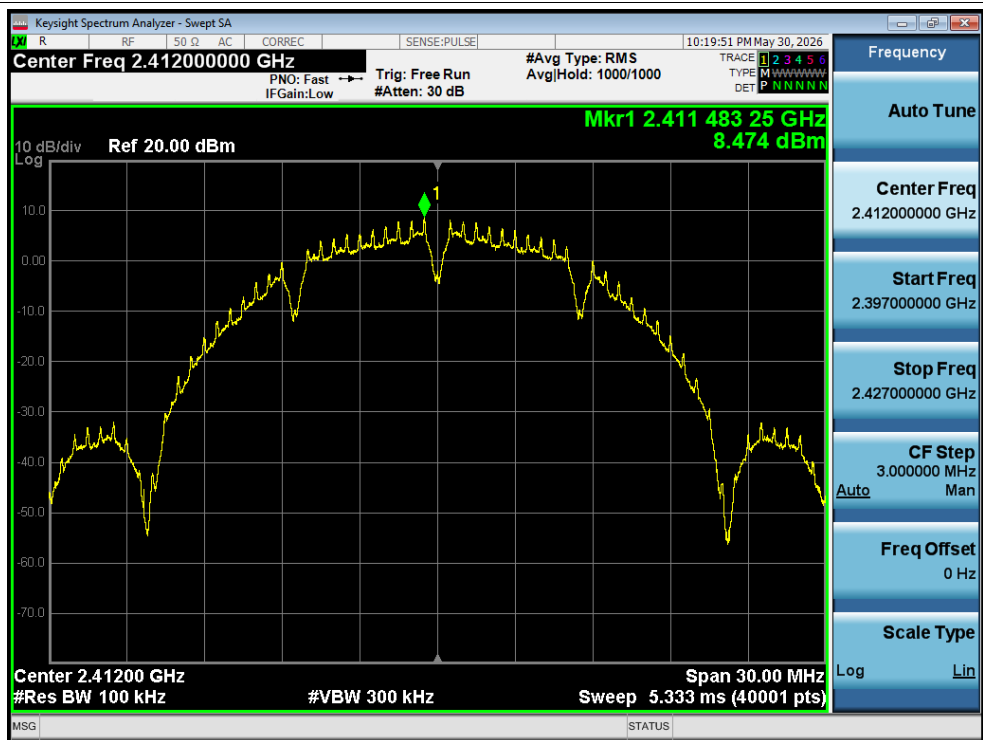
Band Edge NVNT n40 2452MHz Ant1 Ref



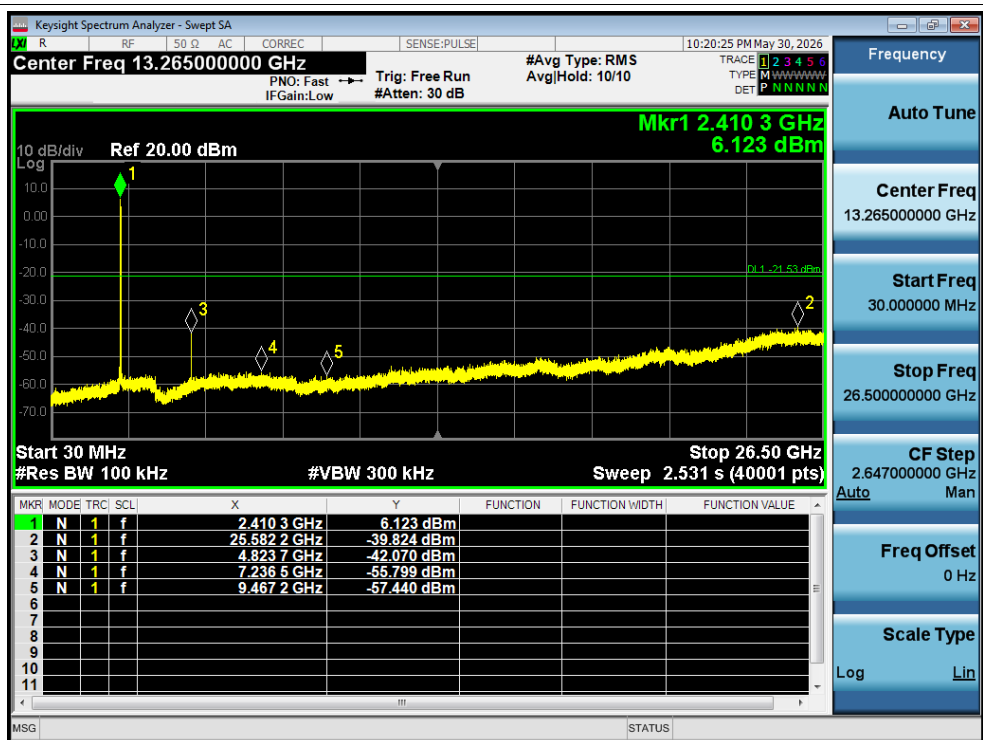
Band Edge NVNT n40 2452MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.29	-30	Pass
NVNT	b	2437	Ant1	-47.7	-30	Pass
NVNT	b	2462	Ant1	-48.42	-30	Pass
NVNT	g	2412	Ant1	-44.47	-30	Pass
NVNT	g	2437	Ant1	-44.76	-30	Pass
NVNT	g	2462	Ant1	-44.5	-30	Pass
NVNT	n20	2412	Ant1	-44.52	-30	Pass
NVNT	n20	2437	Ant1	-42.97	-30	Pass
NVNT	n20	2462	Ant1	-44.12	-30	Pass
NVNT	n40	2422	Ant1	-40.7	-30	Pass
NVNT	n40	2437	Ant1	-41.22	-30	Pass
NVNT	n40	2452	Ant1	-41.52	-30	Pass



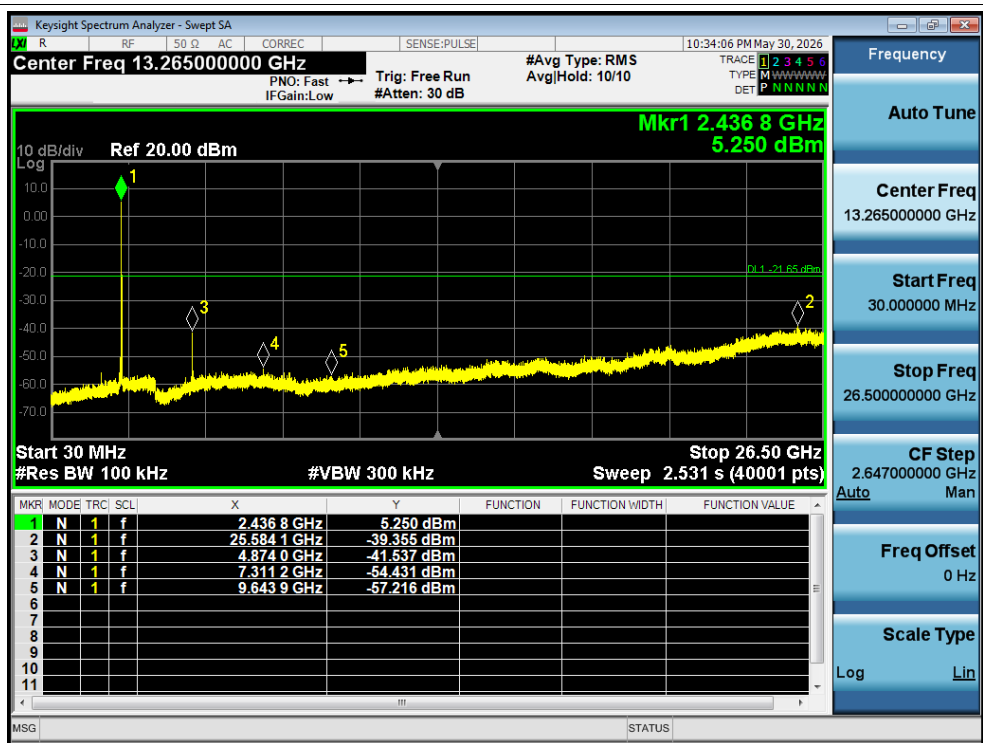
Tx. Spurious NVNT b 2412MHz Ant1 Ref



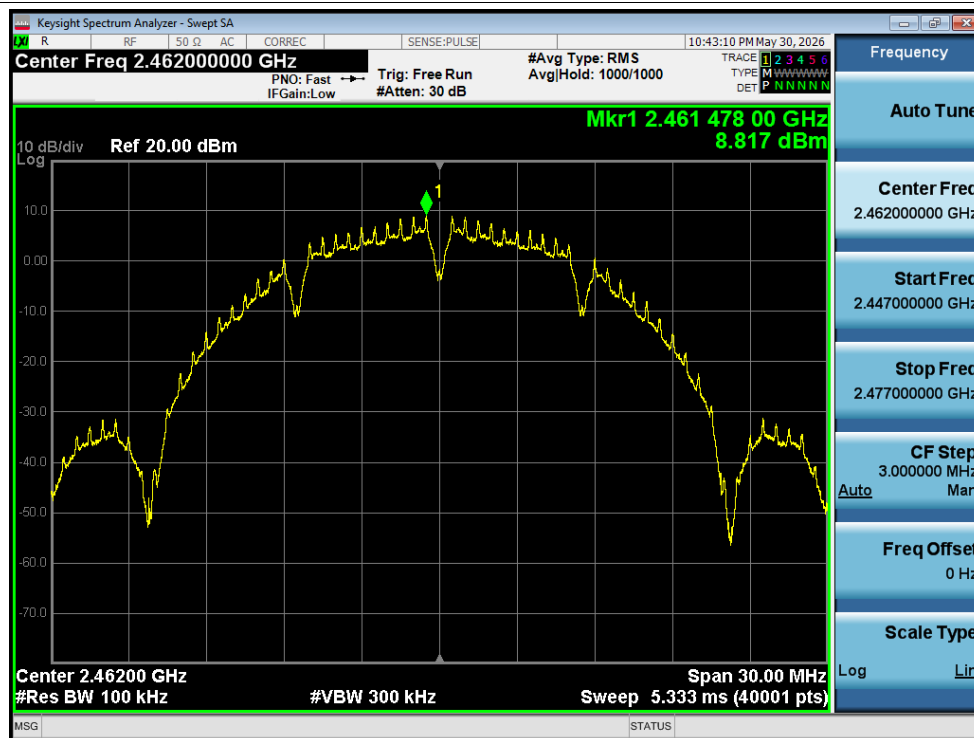
Tx. Spurious NVNT b 2412MHz Ant1 Emission



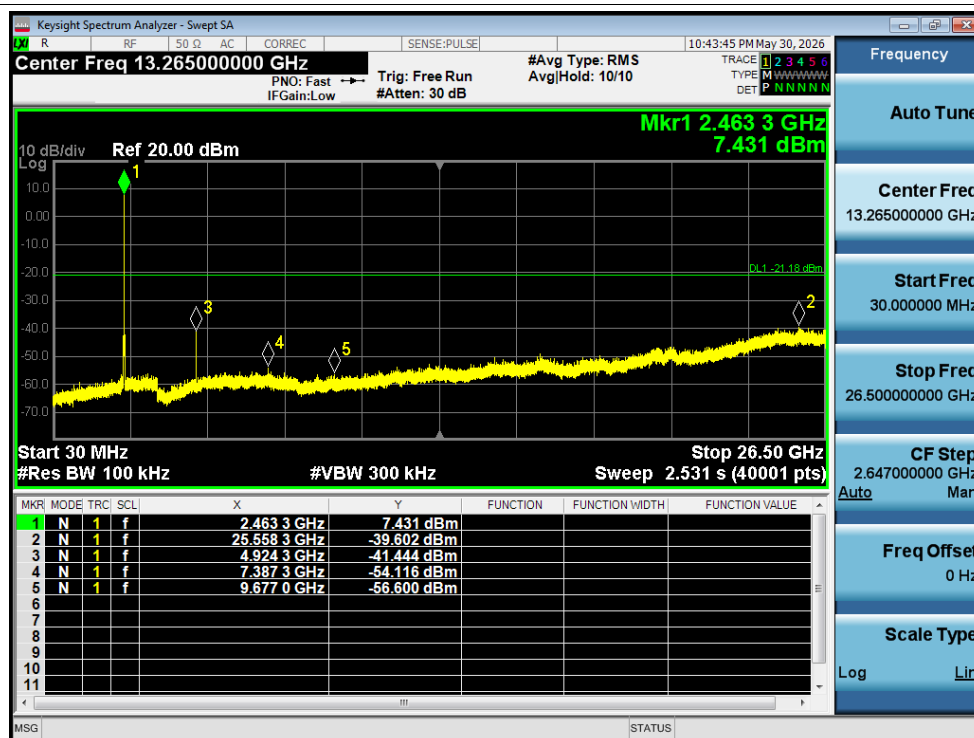
Tx. Spurious NVNT b 2437MHz Ant1 Ref



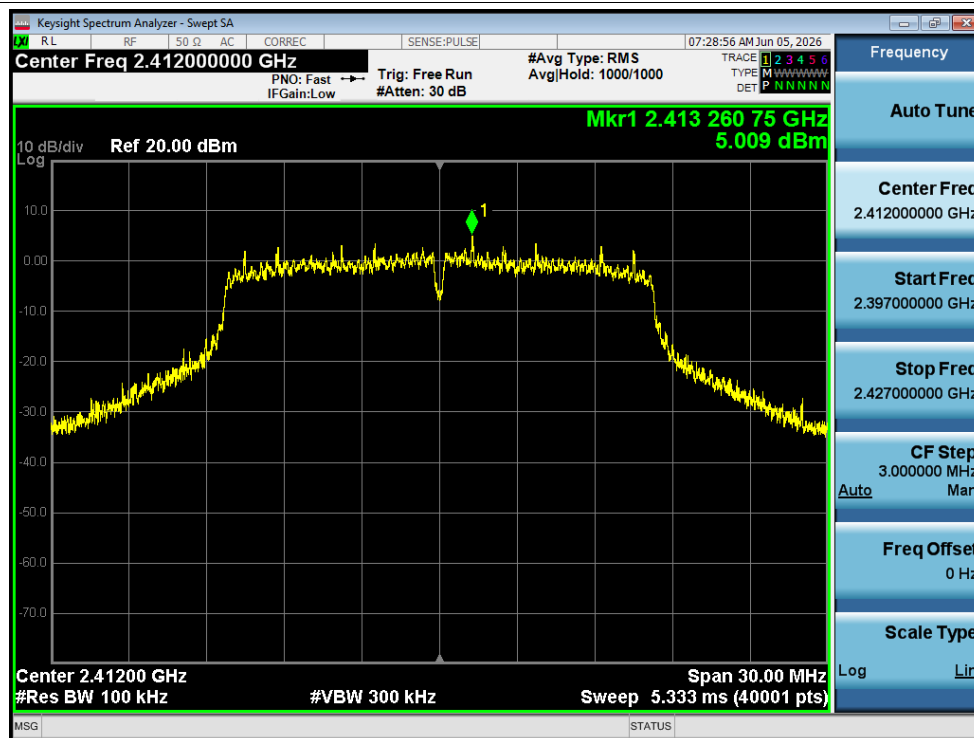
Tx. Spurious NVNT b 2437MHz Ant1 Emission



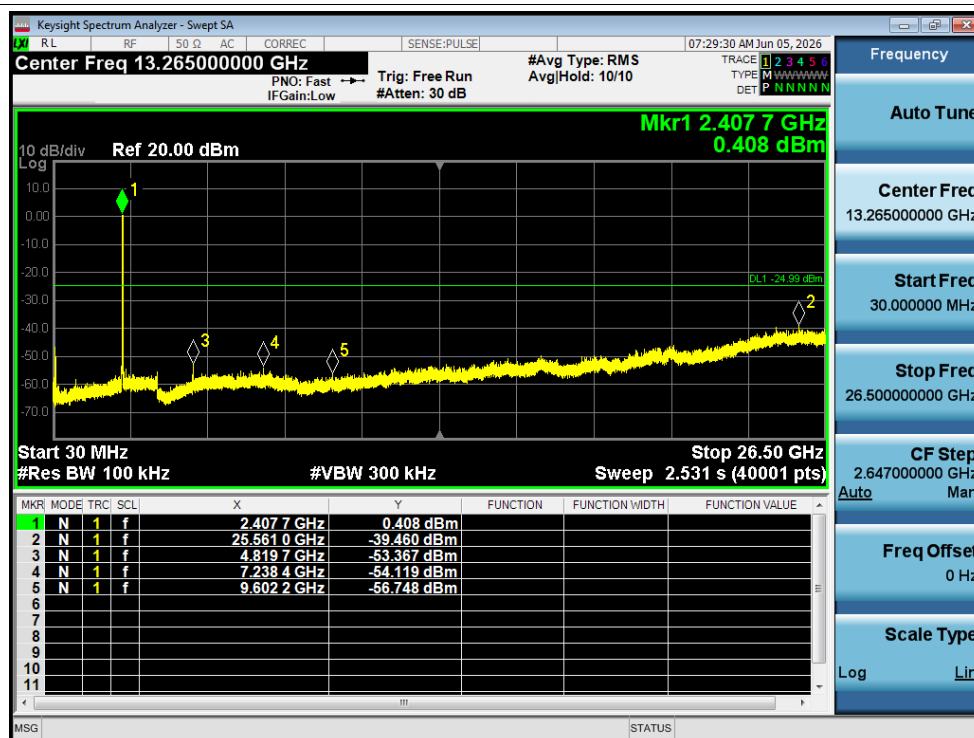
Tx. Spurious NVNT b 2462MHz Ant1 Ref



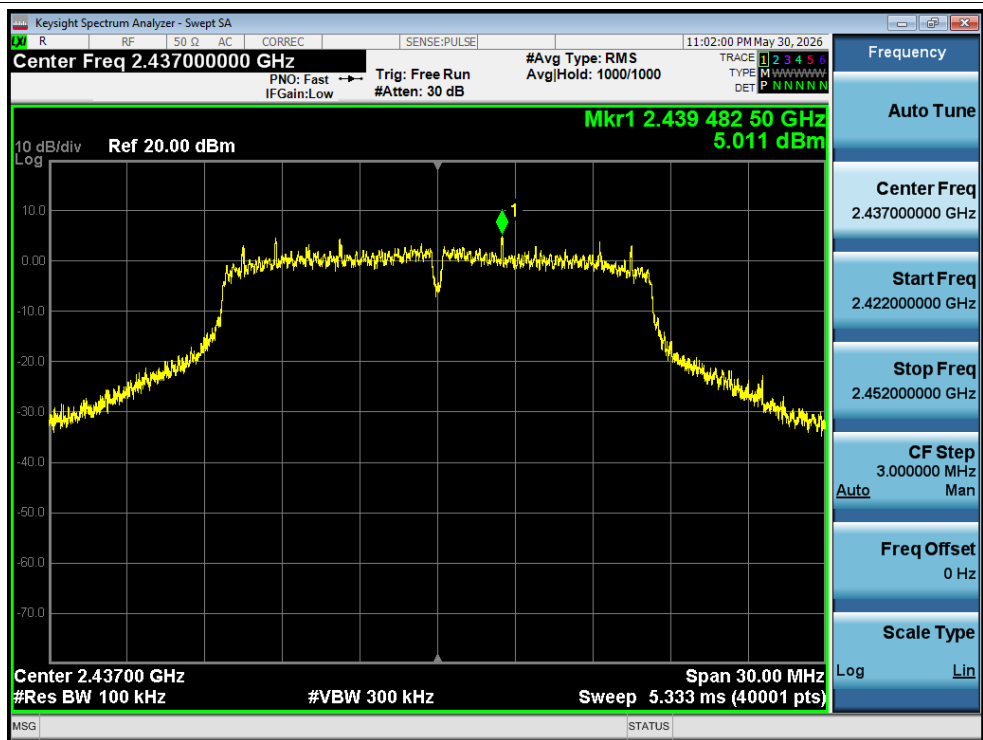
Tx. Spurious NVNT b 2462MHz Ant1 Emission



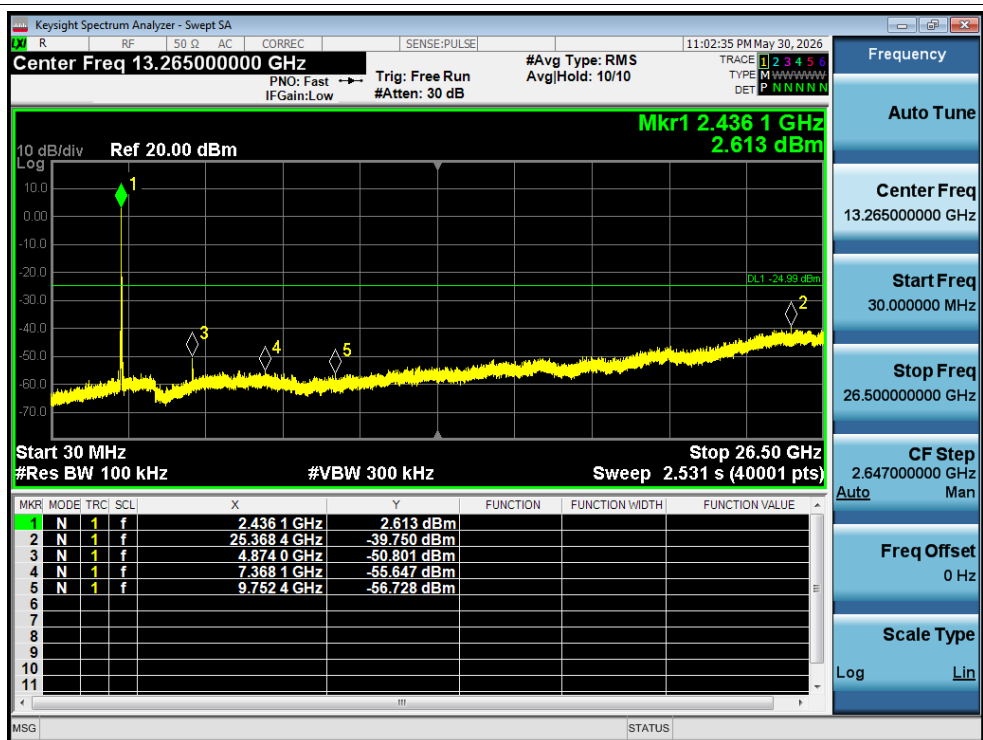
Tx. Spurious NVNT g 2412MHz Ant1 Ref



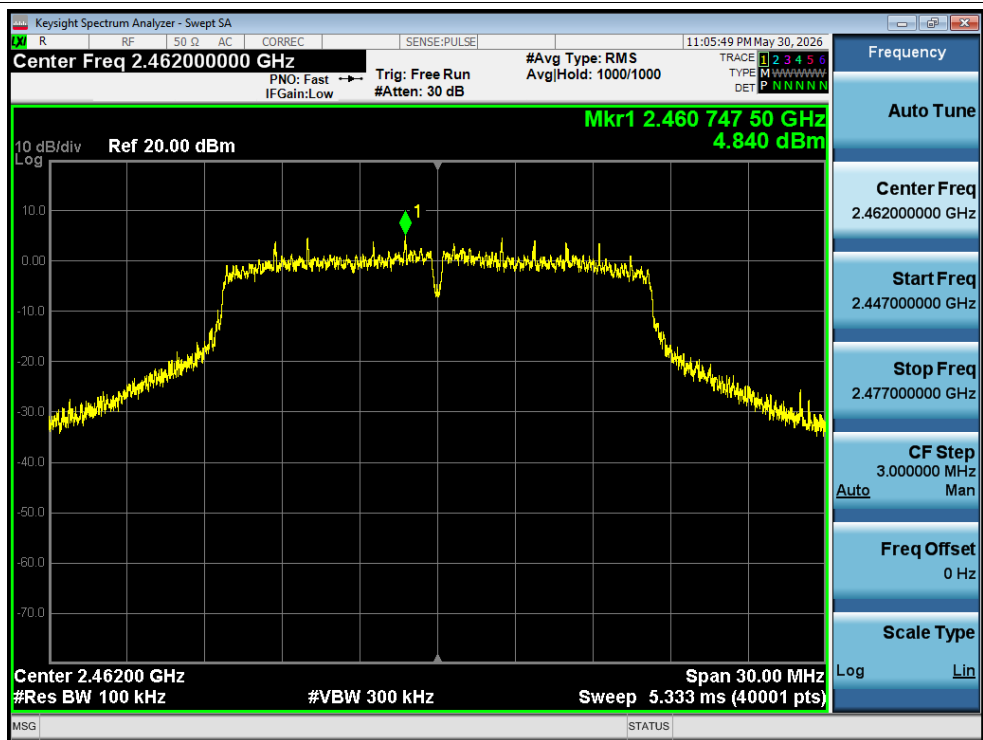
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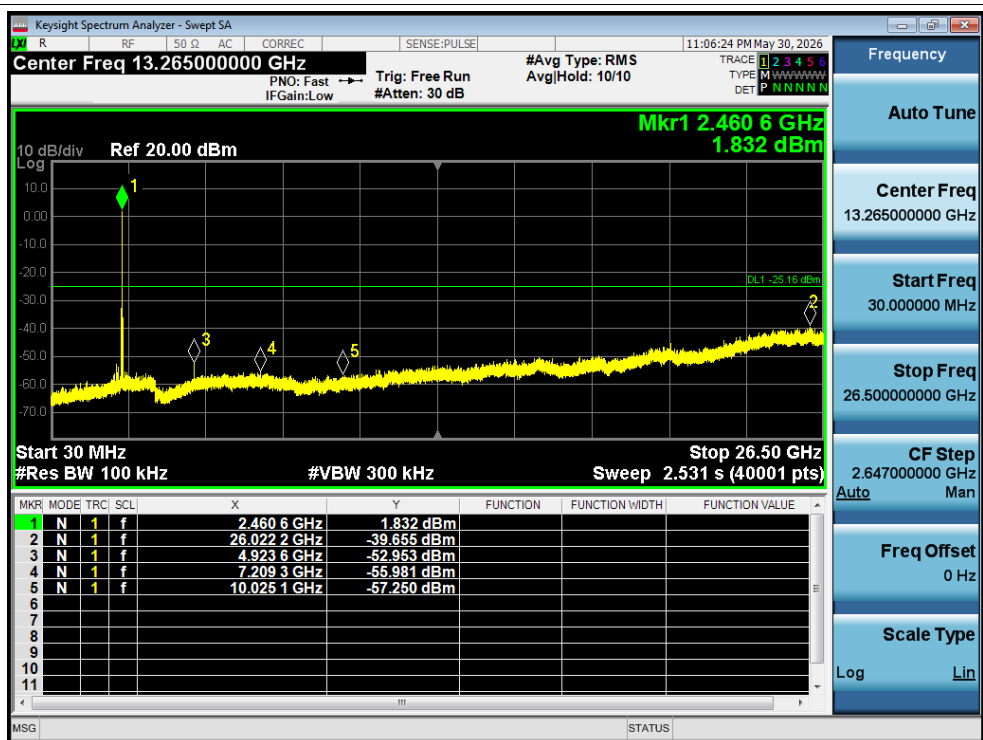
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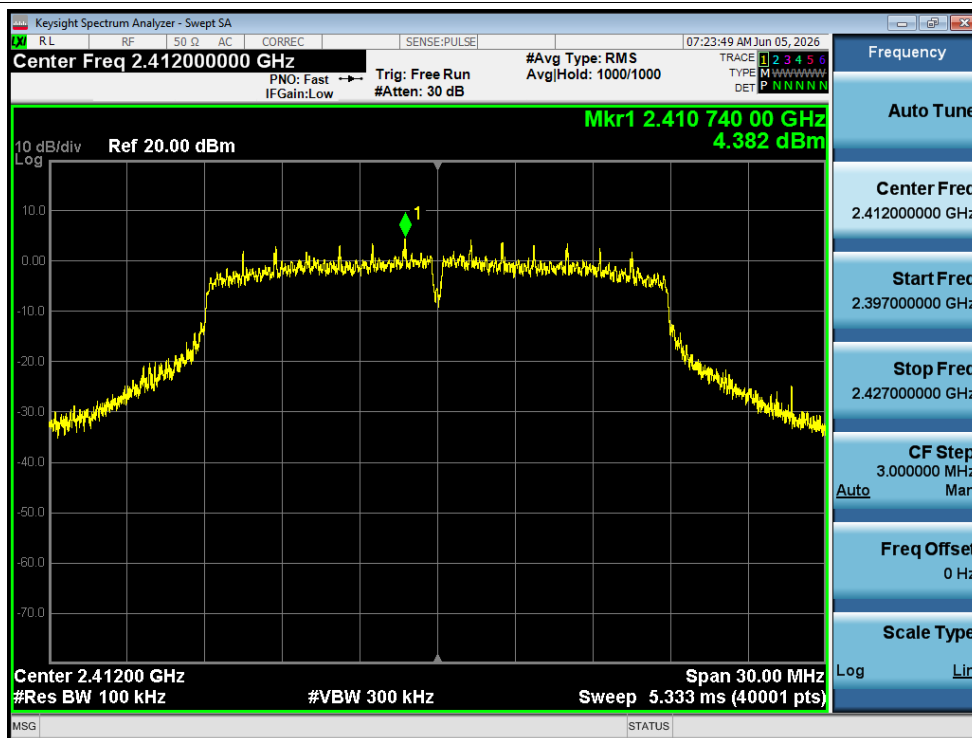
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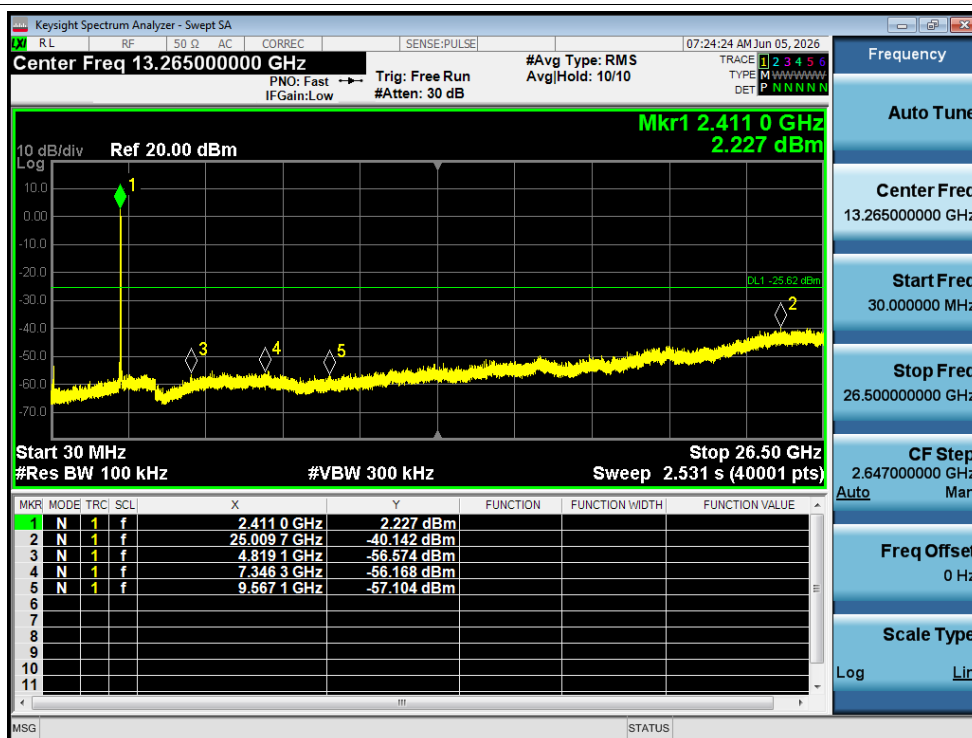
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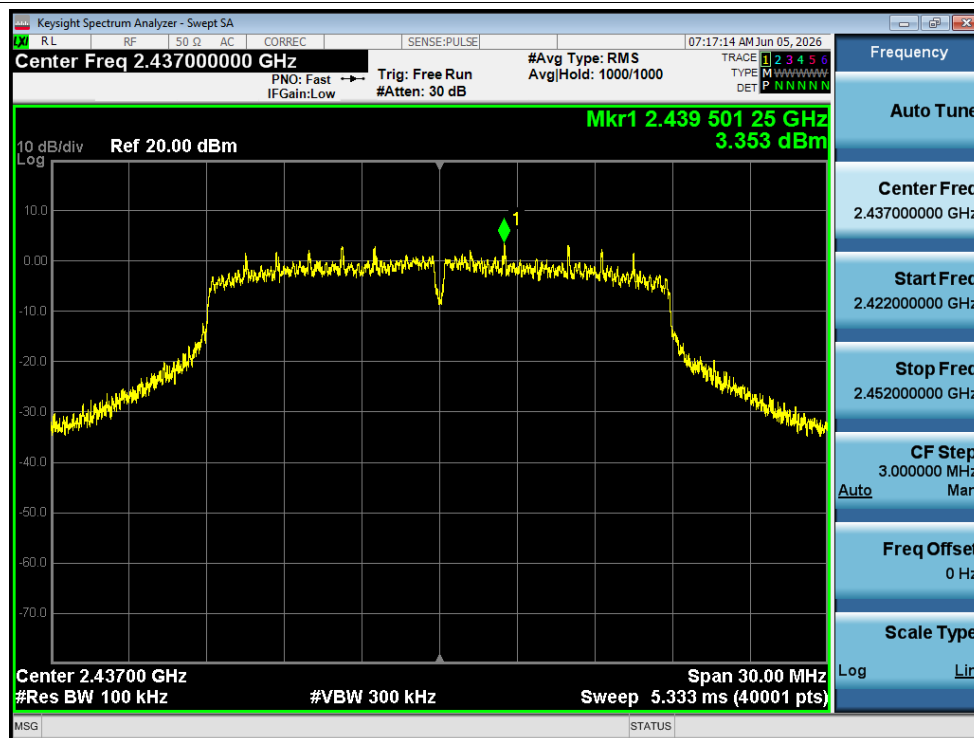
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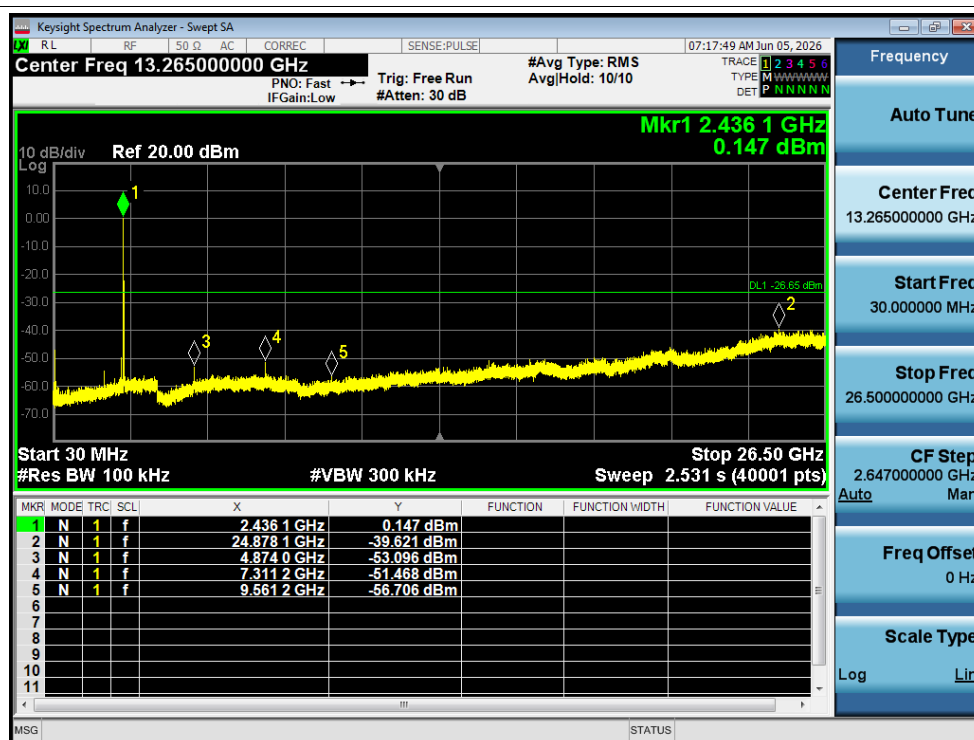
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Tx. Spurious NVNT n20 2412MHz Ant1 Emission



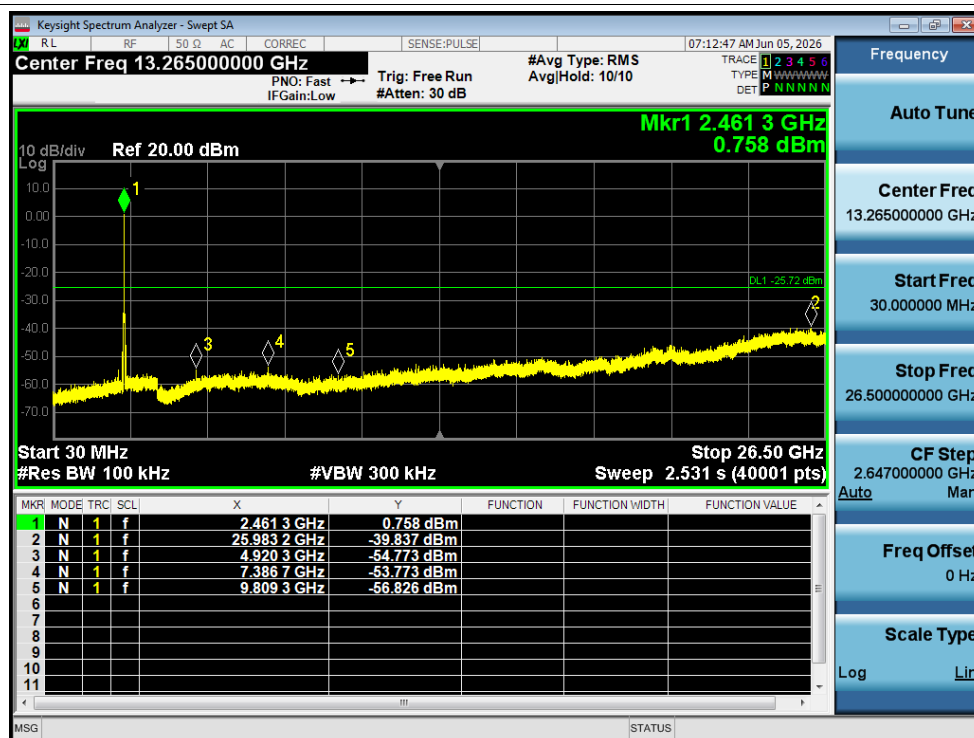
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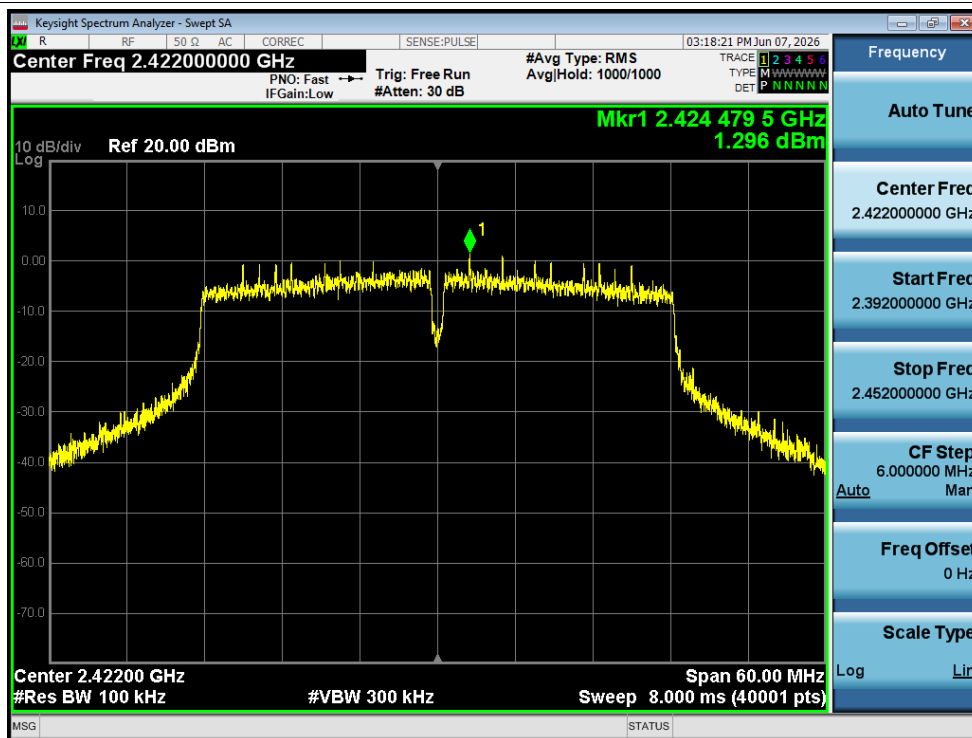
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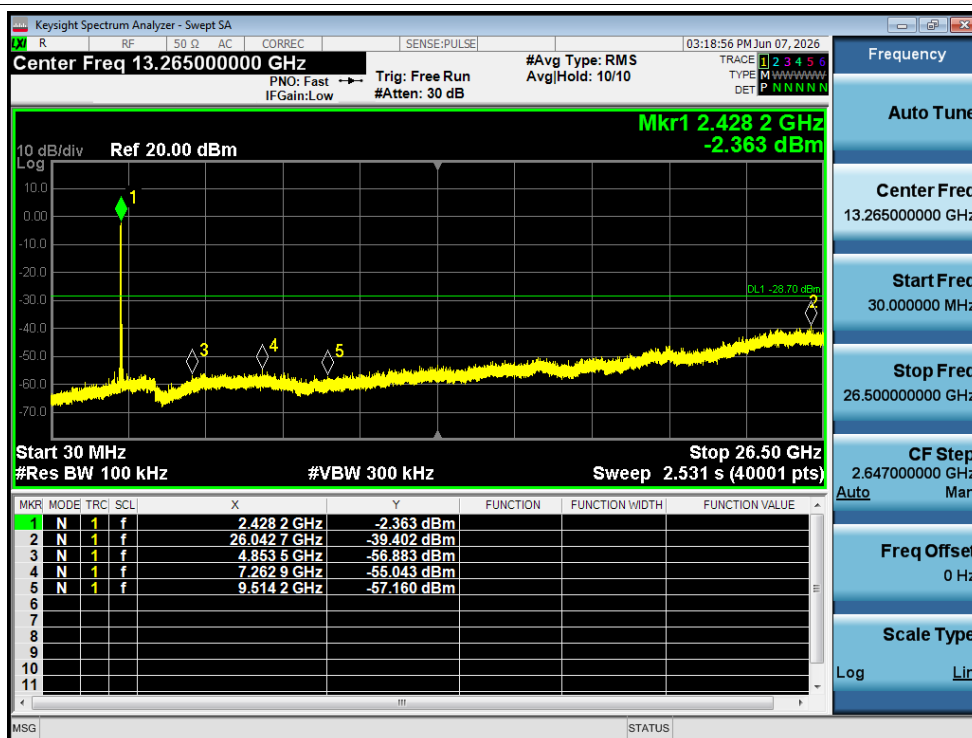
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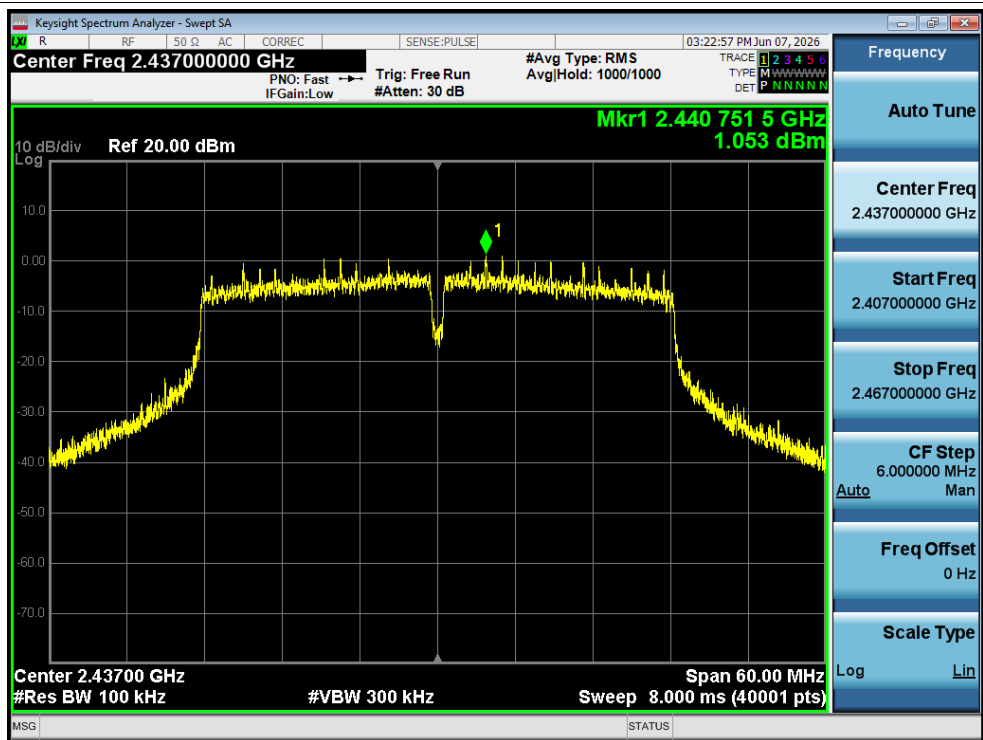
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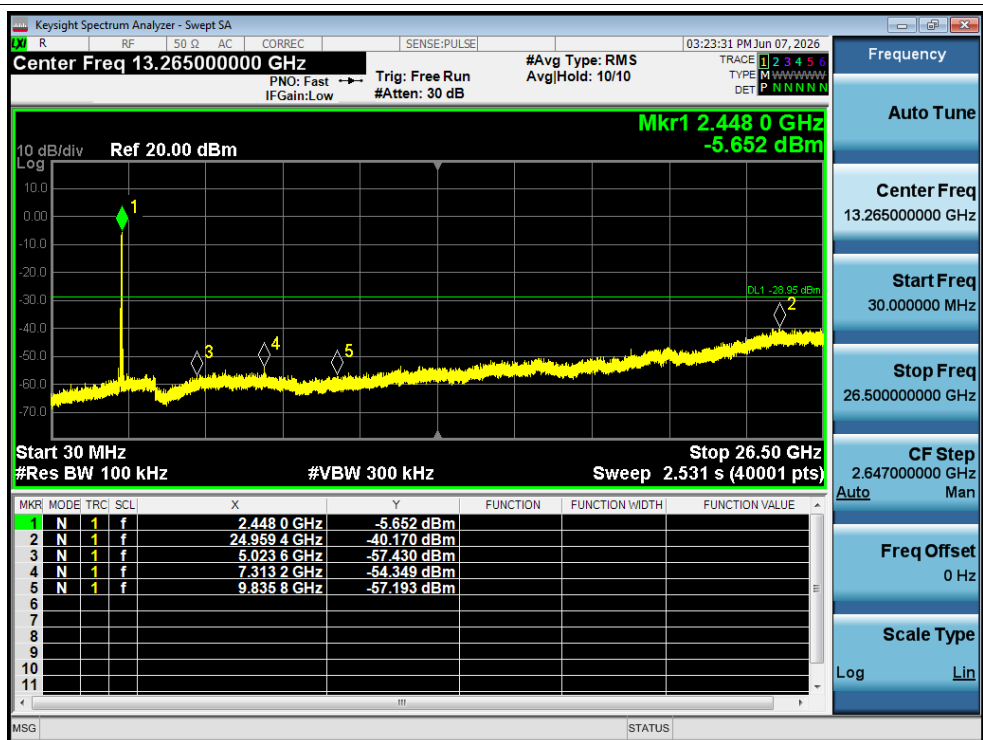
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission

