

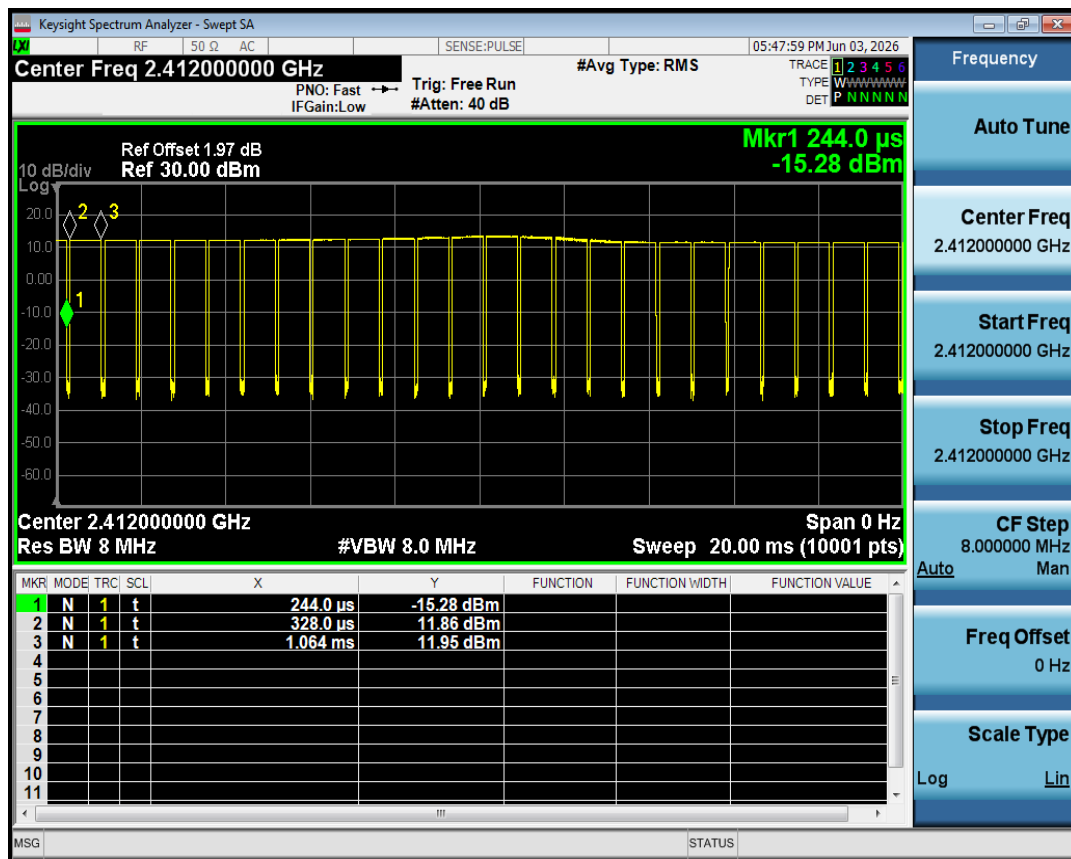
RF Test Data

FCC ID: 2BM2F-DV08

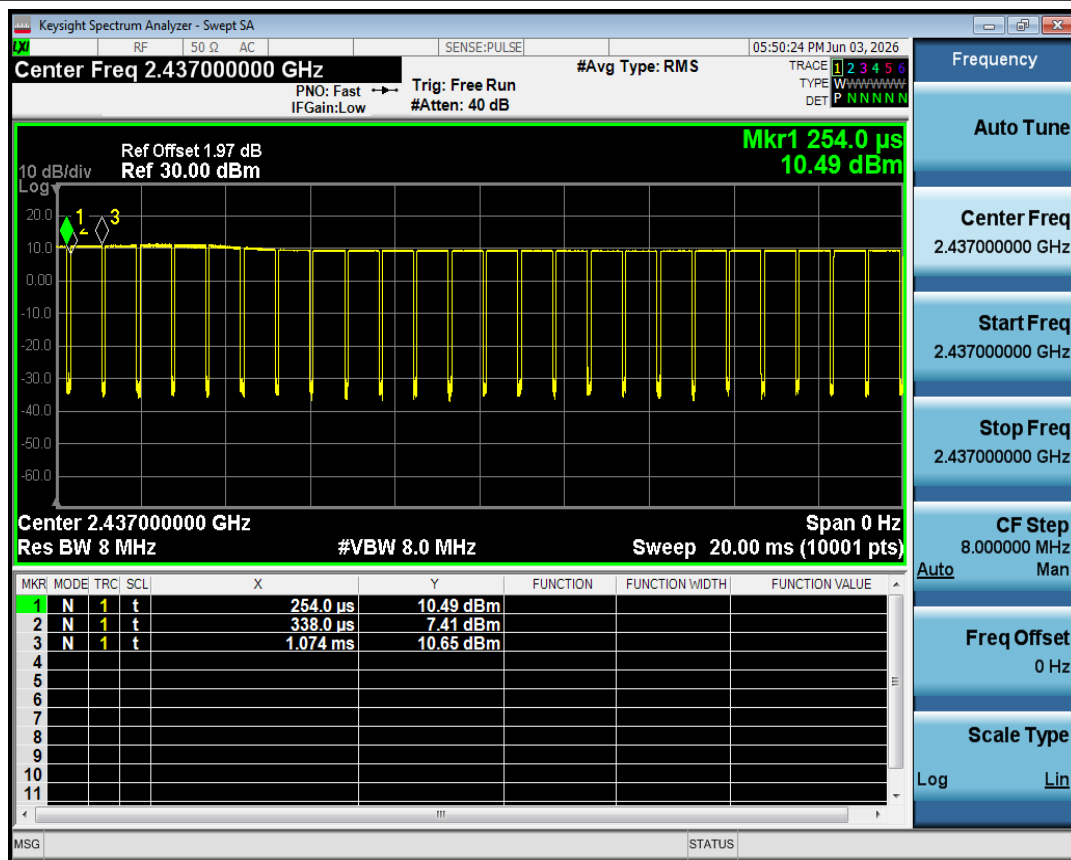
Duty Cycle	2
Maximum Average Conducted Output Power	9
-6dB Bandwidth	16
Occupied Channel Bandwidth	23
Maximum Power Spectral Density Level	30
Band Edge	37
Conducted RF Spurious Emission	46

Duty Cycle

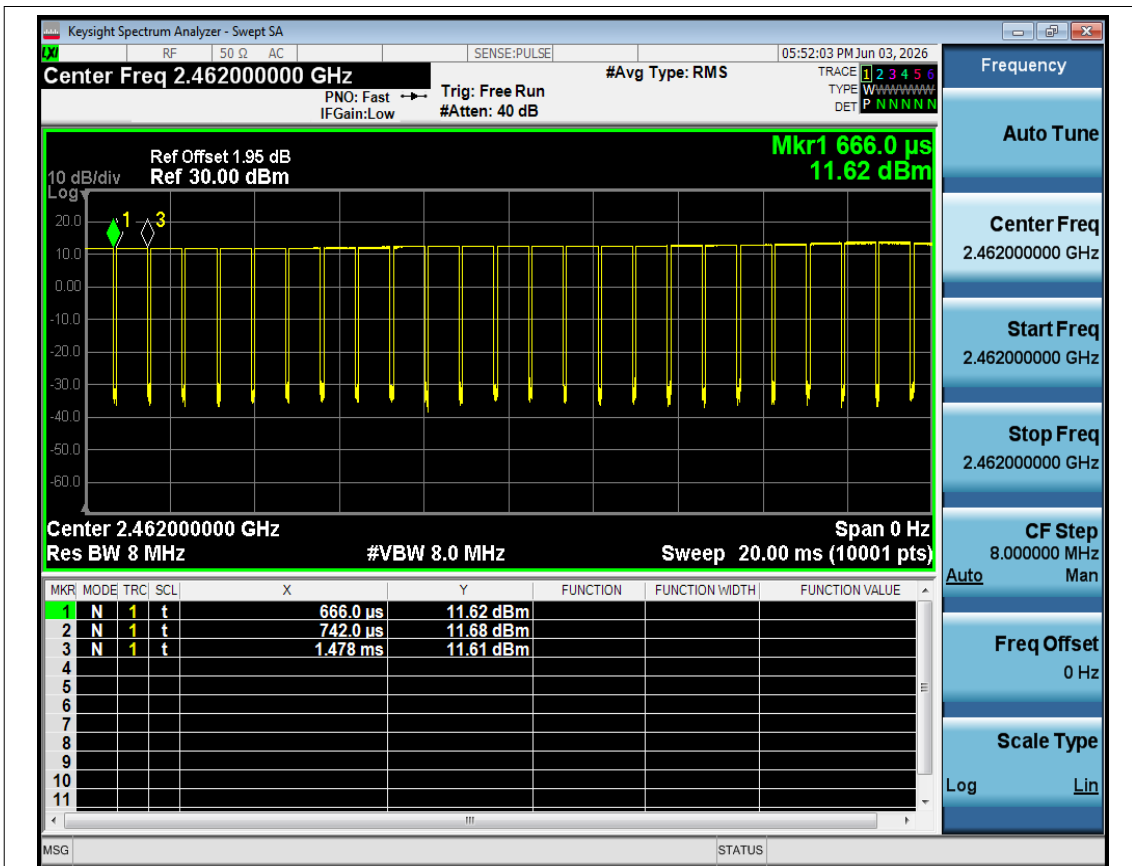
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	89.76	0.47	1.36
NVNT	b	2437	Ant1	89.76	0.47	1.36
NVNT	b	2462	Ant1	90.64	0.43	1.36
NVNT	g	2412	Ant1	58.88	2.3	8.62
NVNT	g	2437	Ant1	58.99	2.29	8.58
NVNT	g	2462	Ant1	58.99	2.29	8.58
NVNT	n20	2412	Ant1	58.93	2.3	8.66
NVNT	n20	2437	Ant1	58.93	2.3	8.66
NVNT	n20	2462	Ant1	58.93	2.3	8.66
NVNT	n40	2422	Ant1	48.4	3.15	13.25
NVNT	n40	2437	Ant1	48.4	3.15	13.25
NVNT	n40	2452	Ant1	48.72	3.12	13.16



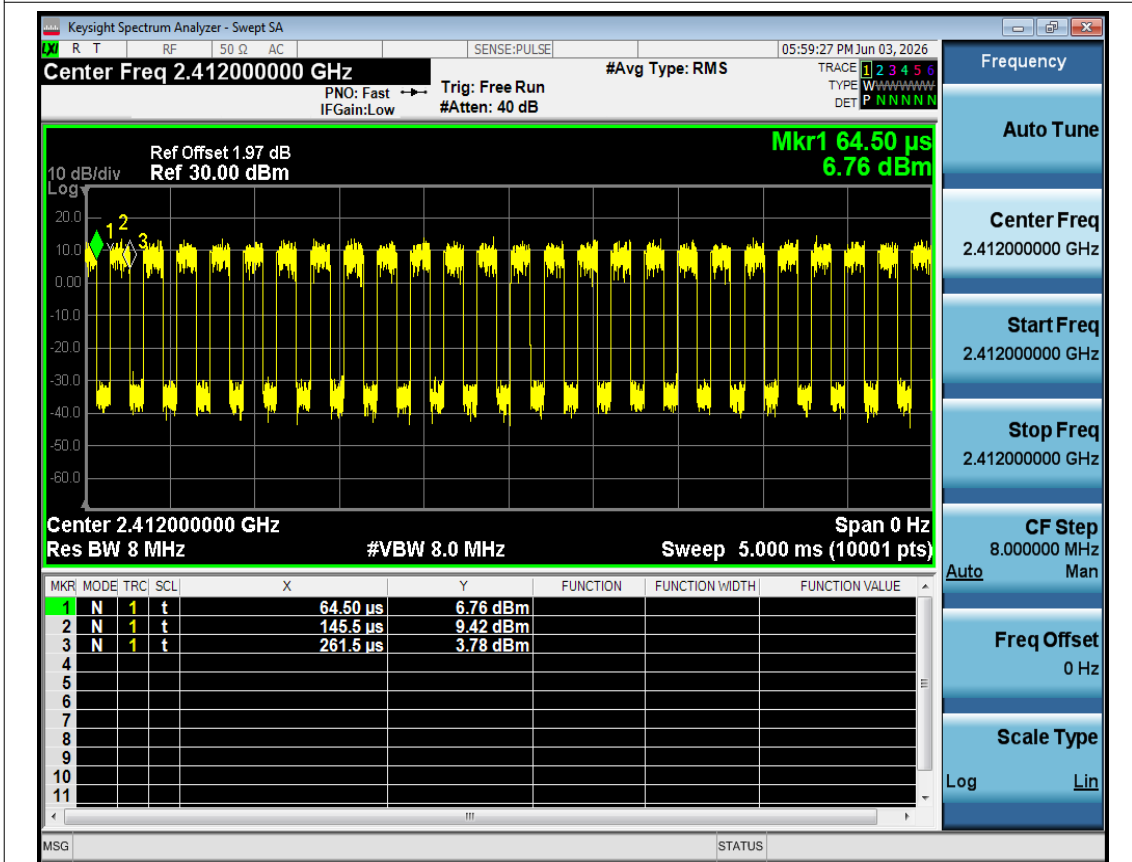
Duty Cycle NVNT b 2412MHz Ant1



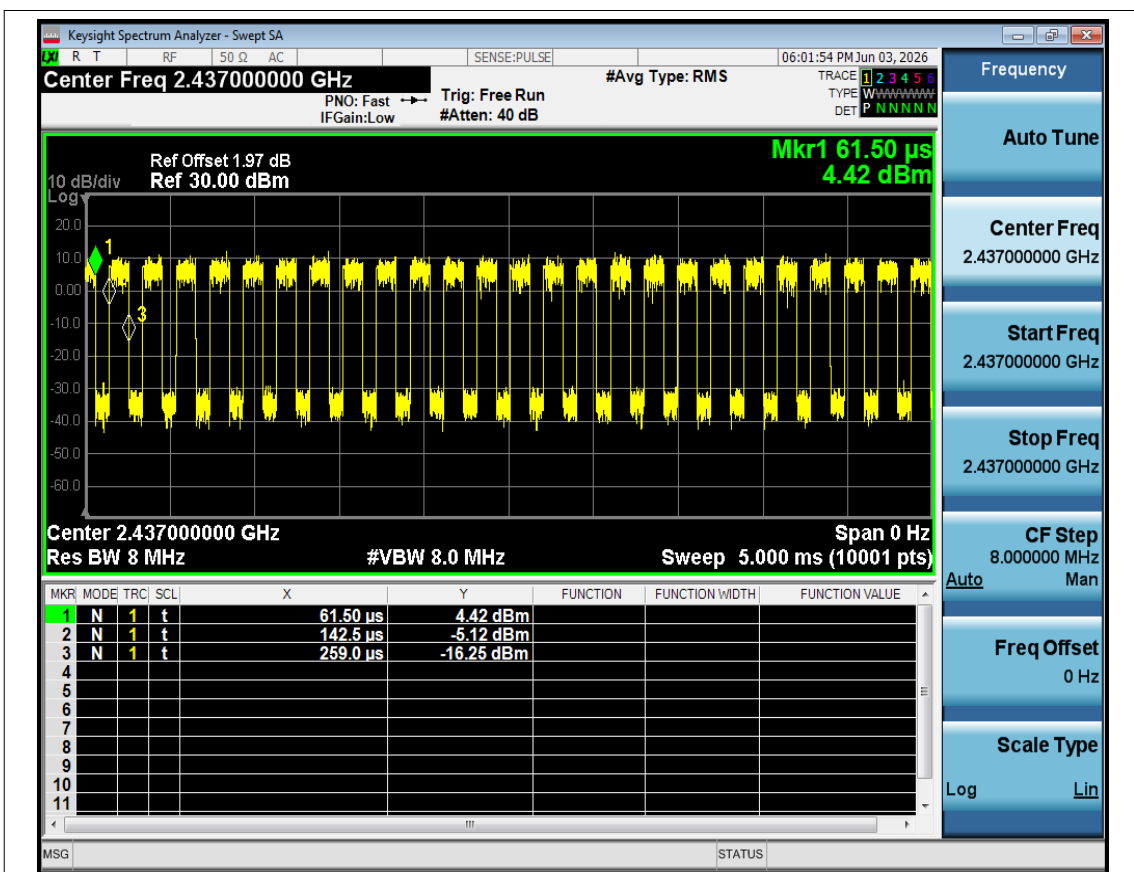
Duty Cycle NVNT b 2437MHz Ant1



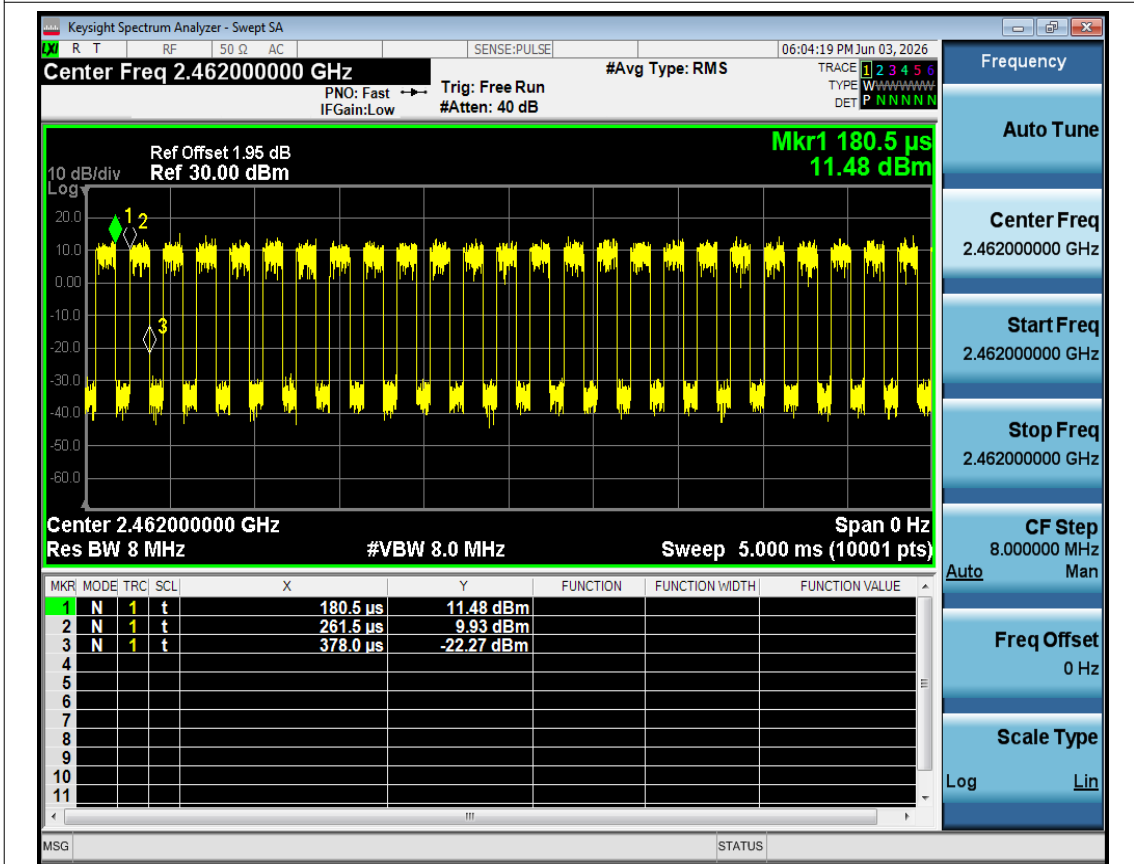
Duty Cycle NVNT b 2462MHz Ant1



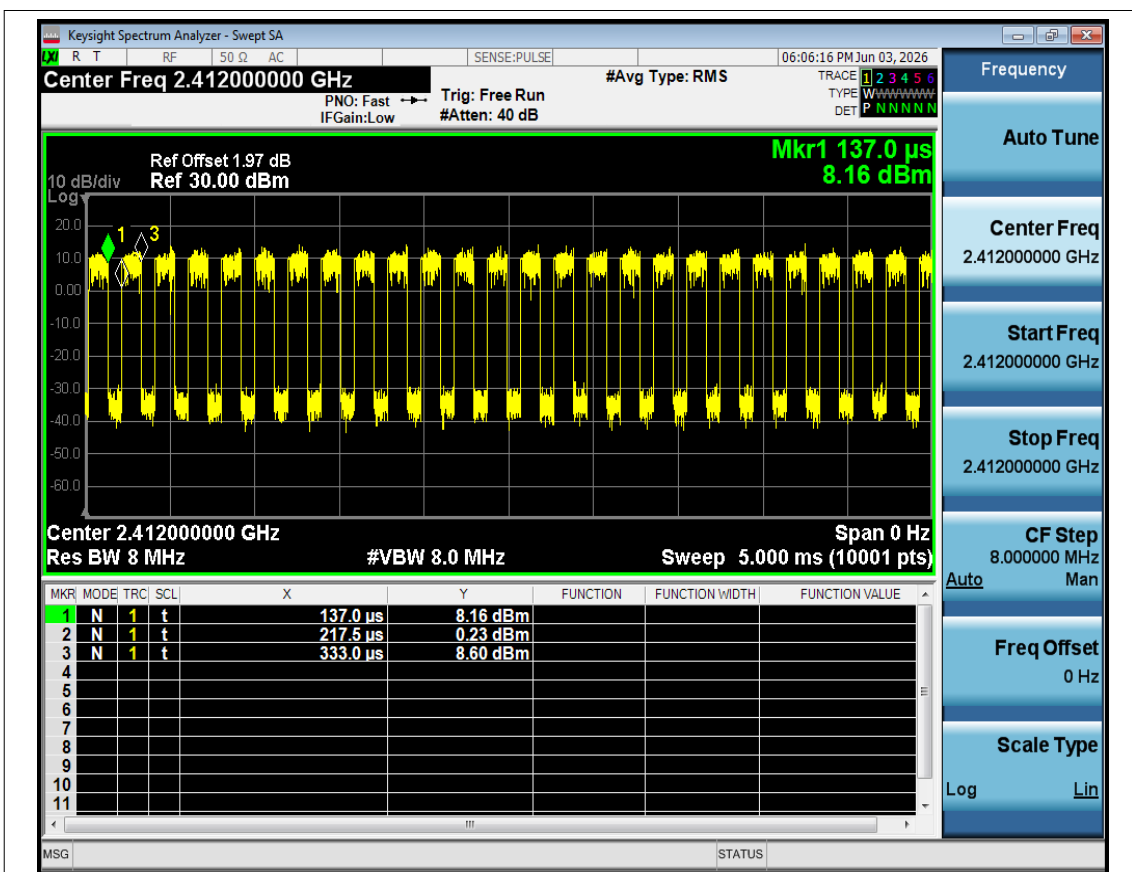
Duty Cycle NVNT g 2412MHz Ant1



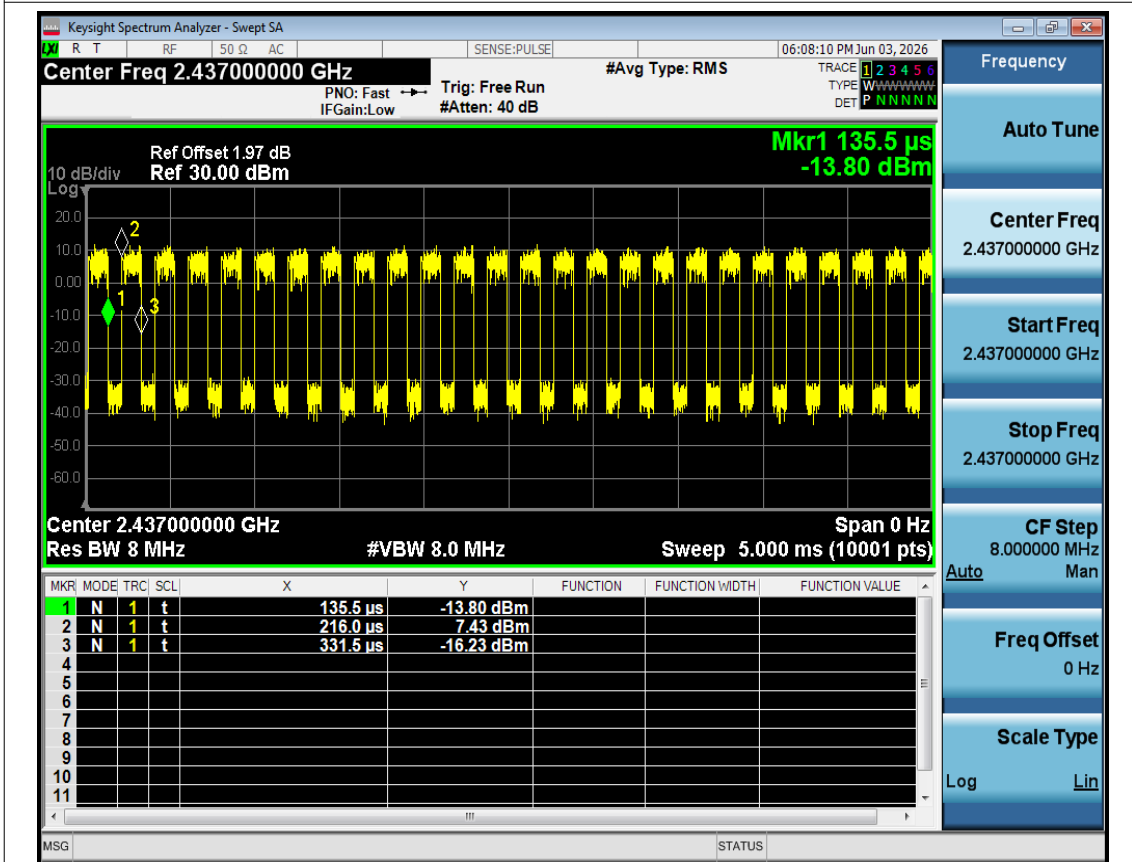
Duty Cycle NVNT g 2437MHz Ant1



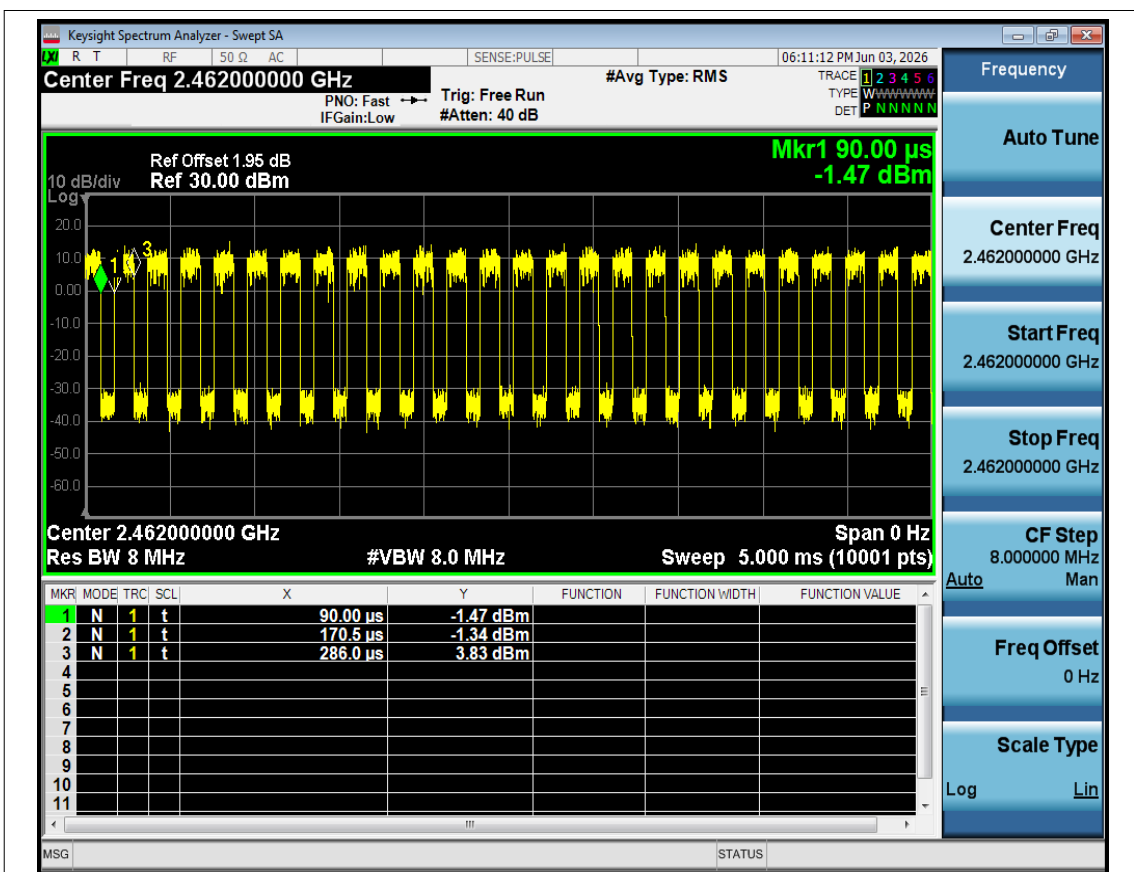
Duty Cycle NVNT g 2462MHz Ant1



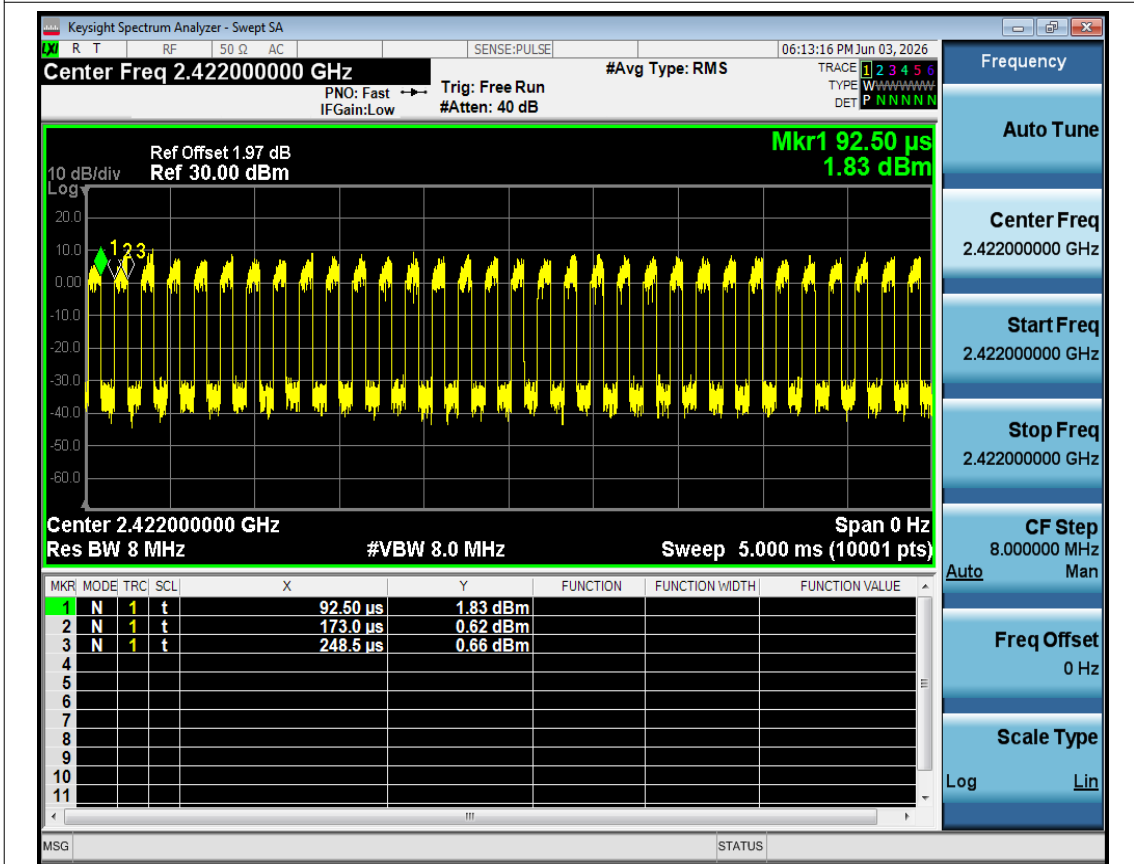
Duty Cycle NVNT n20 2412MHz Ant1



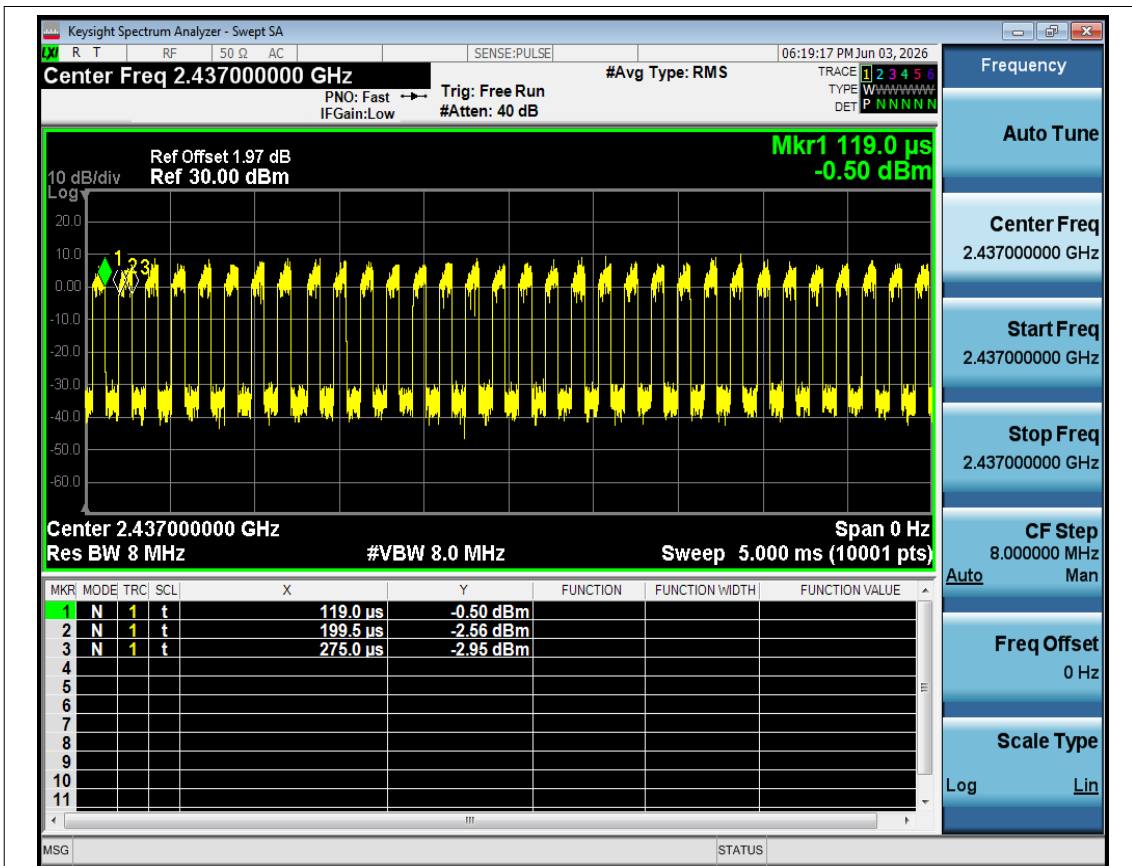
Duty Cycle NVNT n20 2437MHz Ant1



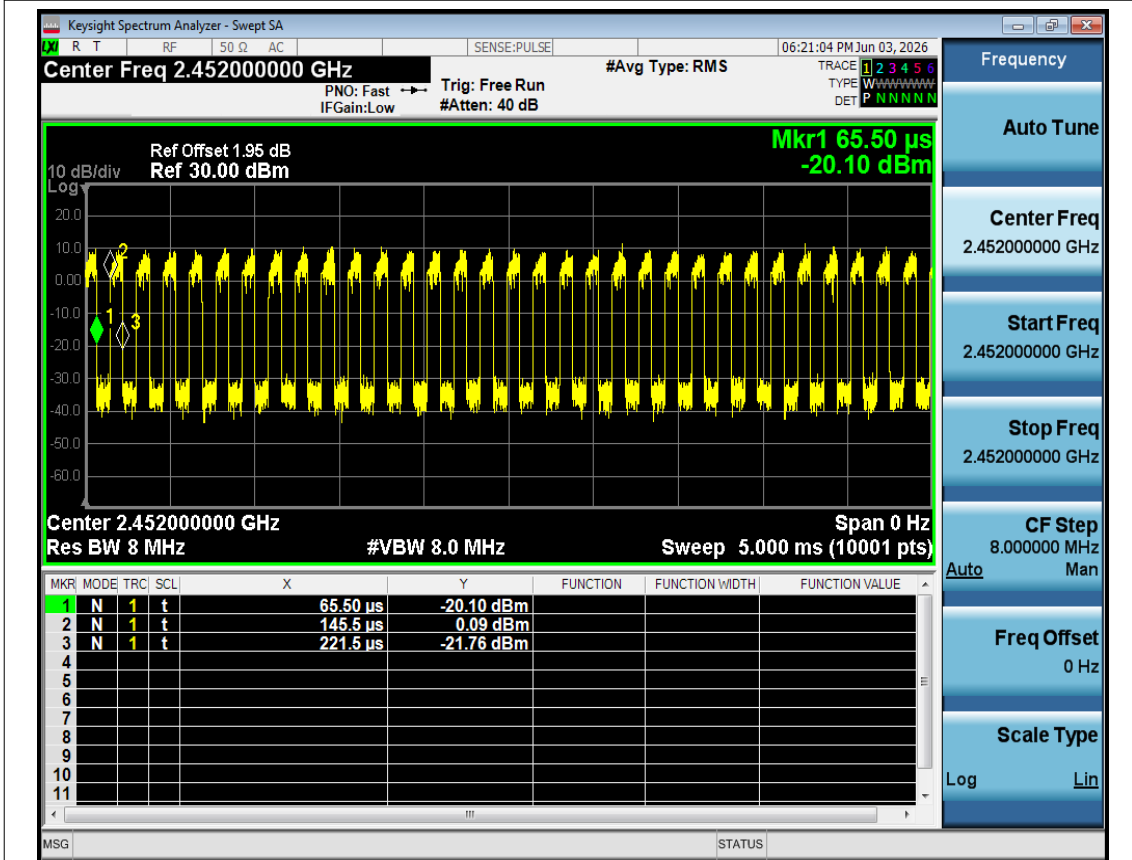
Duty Cycle NVNT n20 2462MHz Ant1



Duty Cycle NVNT n40 2422MHz Ant1



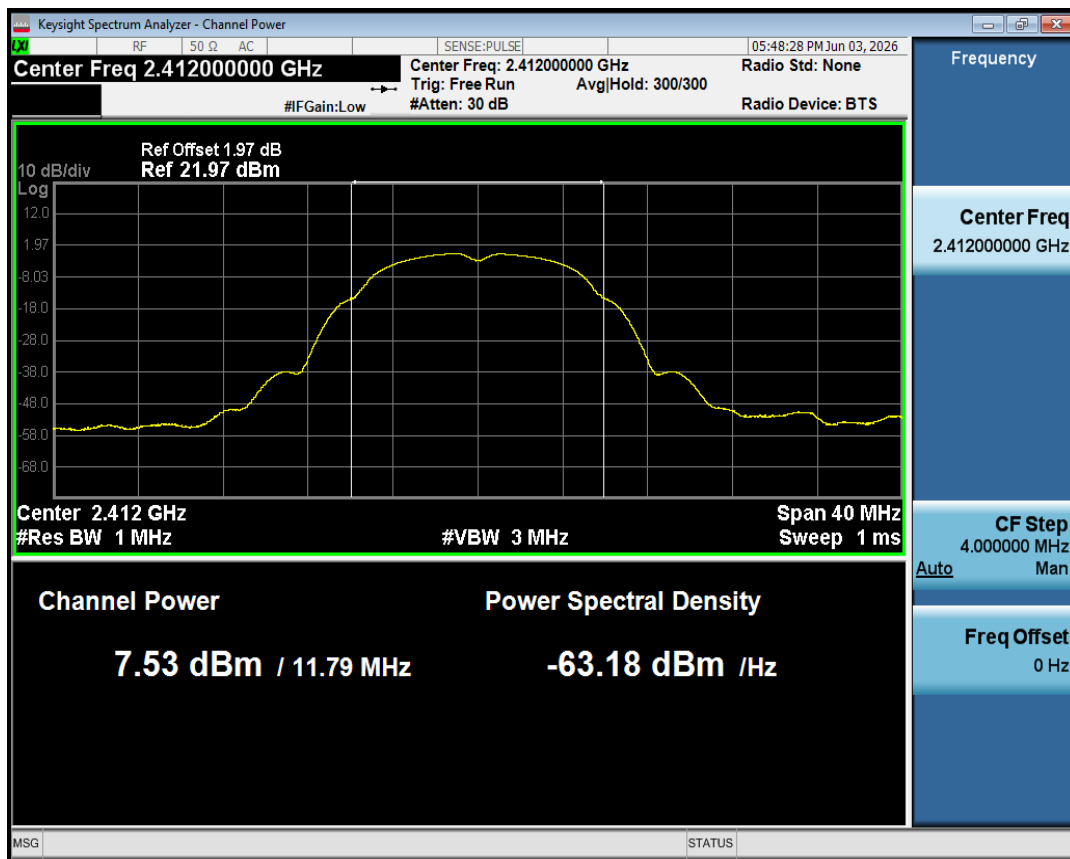
Duty Cycle NVNT n40 2437MHz Ant1



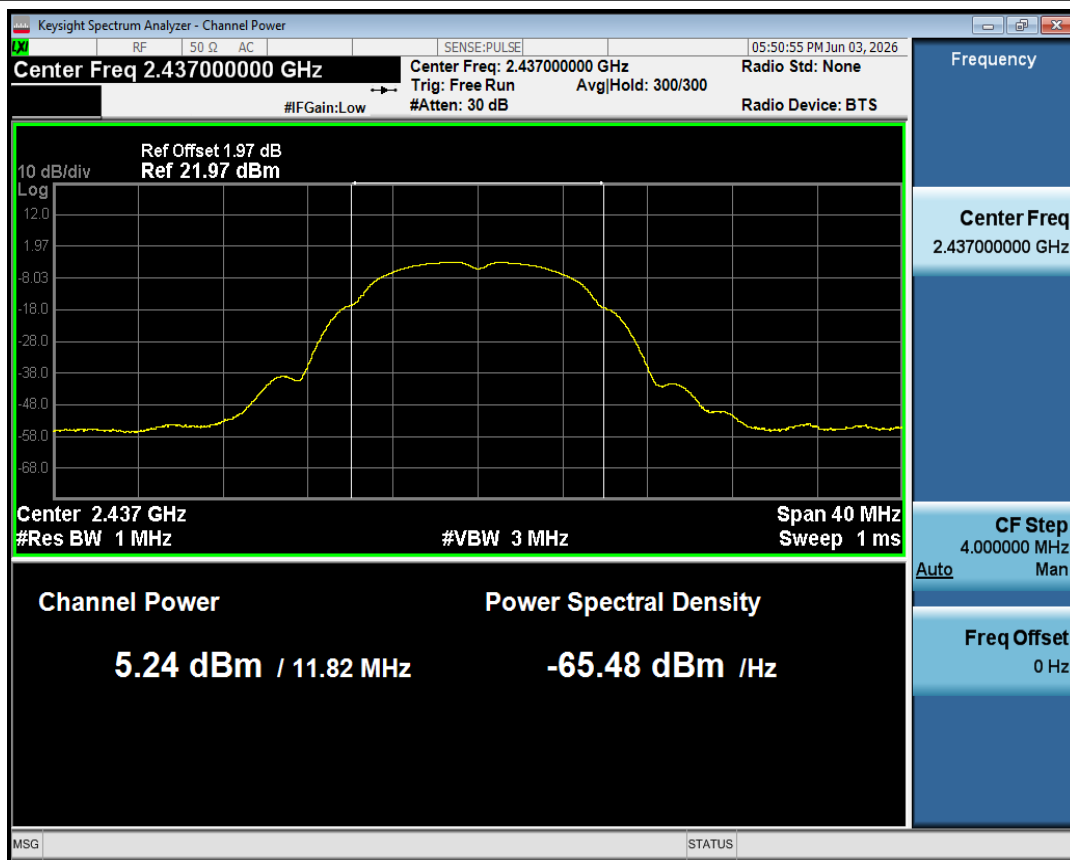
Duty Cycle NVNT n40 2452MHz Ant1

Maximum Average Conducted Output Power

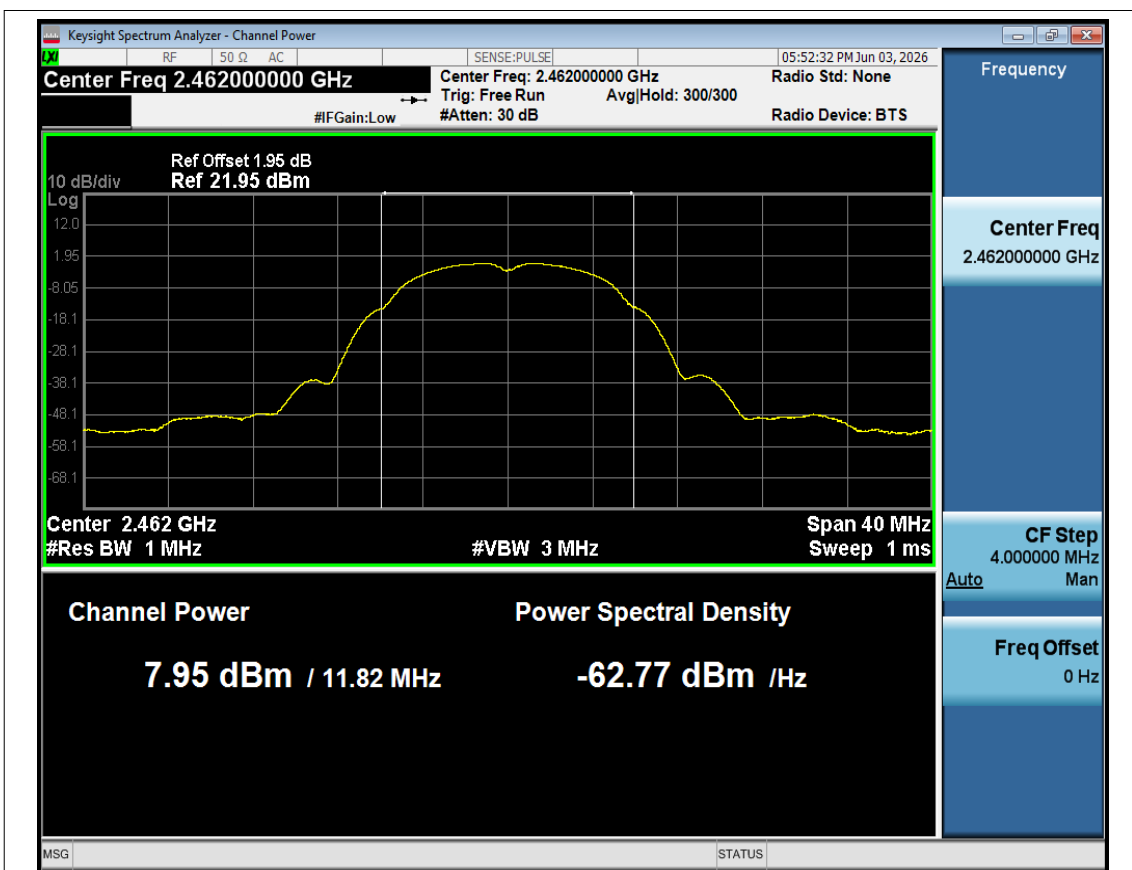
Condi tion	Mod e	Frequen cy (MHz)	Anten na	Conduct ed Power (dBm)	Duty Fact or (dB)	Total Conduct ed Power (dBm)	Total Conduct ed Power (W)	Limit Conducted(dB m)	Verdi ct
NVNT	b	2412	Ant1	7.53	0.47	8	0.00631	30	Pass
NVNT	b	2437	Ant1	5.24	0.47	5.71	0.00372	30	Pass
NVNT	b	2462	Ant1	7.95	0.43	8.38	0.00689	30	Pass
NVNT	g	2412	Ant1	5.13	2.3	7.43	0.00553	30	Pass
NVNT	g	2437	Ant1	2.96	2.29	5.25	0.00335	30	Pass
NVNT	g	2462	Ant1	5.62	2.29	7.91	0.00618	30	Pass
NVNT	n20	2412	Ant1	5.27	2.3	7.57	0.00571	30	Pass
NVNT	n20	2437	Ant1	3.15	2.3	5.45	0.00351	30	Pass
NVNT	n20	2462	Ant1	5.77	2.3	8.07	0.00641	30	Pass
NVNT	n40	2422	Ant1	2.94	3.15	6.09	0.00406	30	Pass
NVNT	n40	2437	Ant1	2.71	3.15	5.86	0.00385	30	Pass
NVNT	n40	2452	Ant1	4.14	3.12	7.26	0.00532	30	Pass



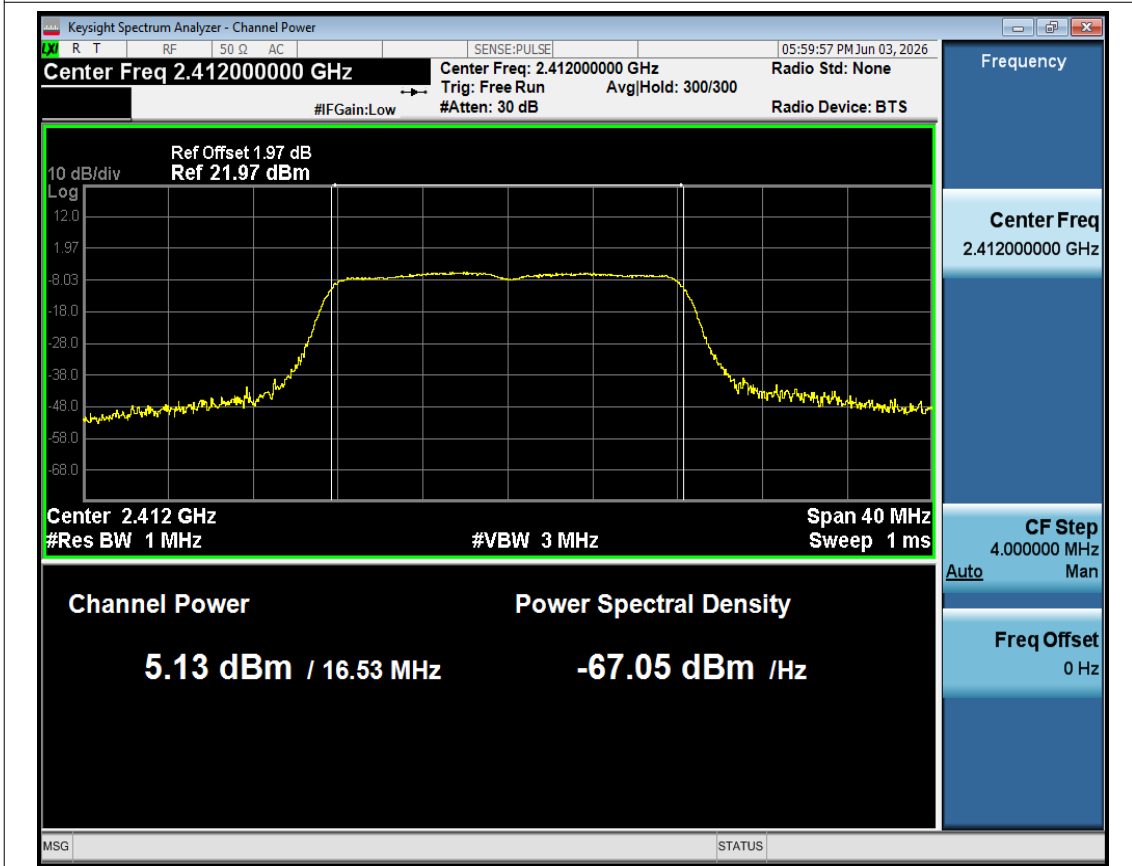
Average Power NVNT b 2412MHz Ant1



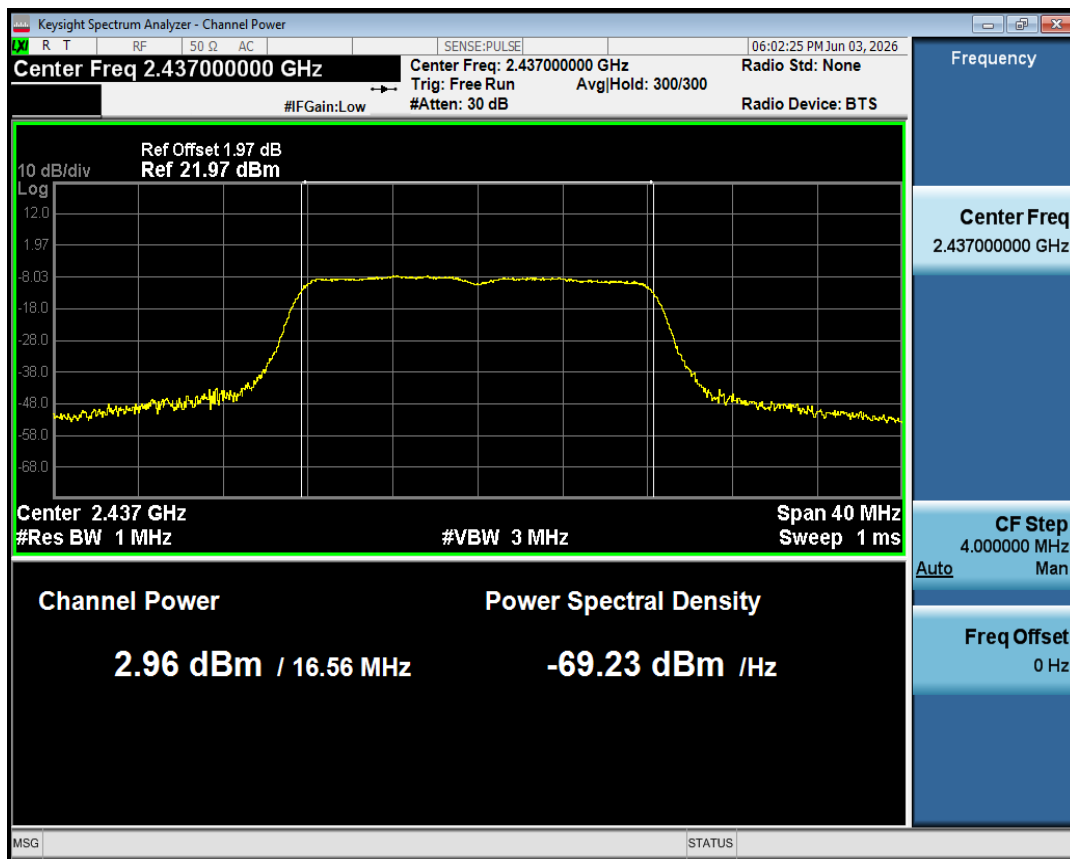
Average Power NVNT b 2437MHz Ant1



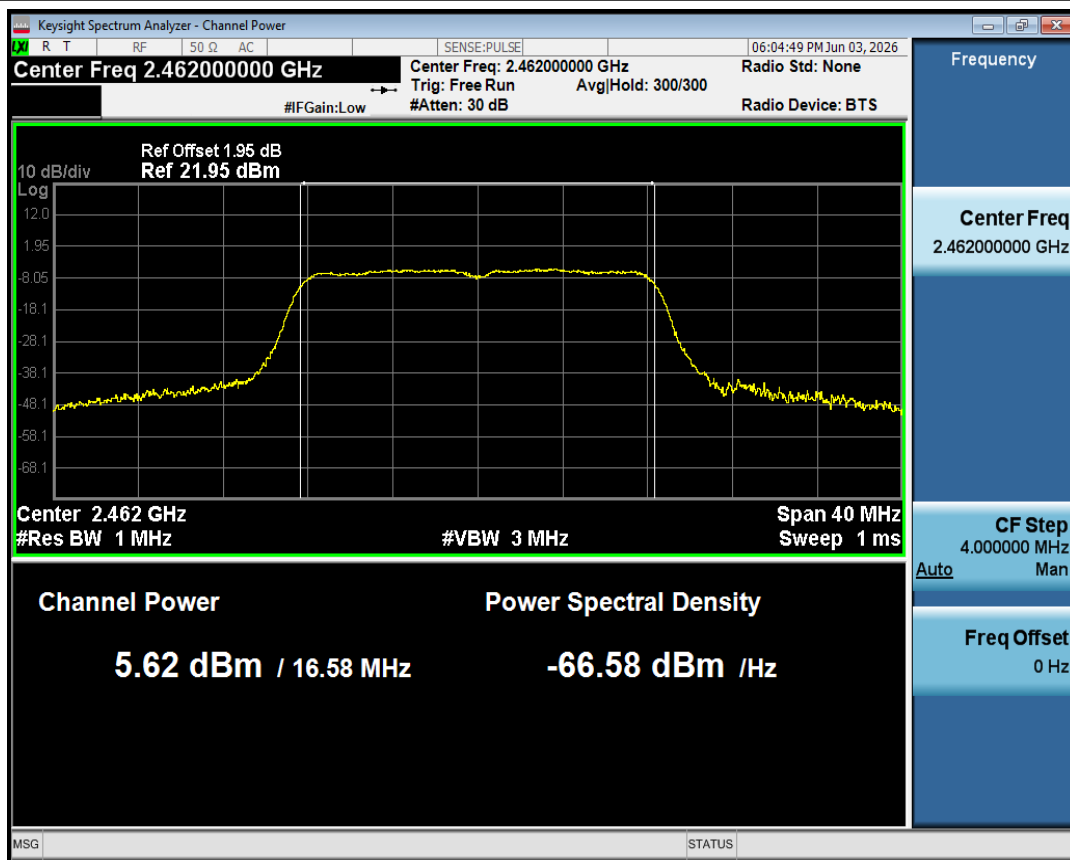
Average Power NVNT b 2462MHz Ant1



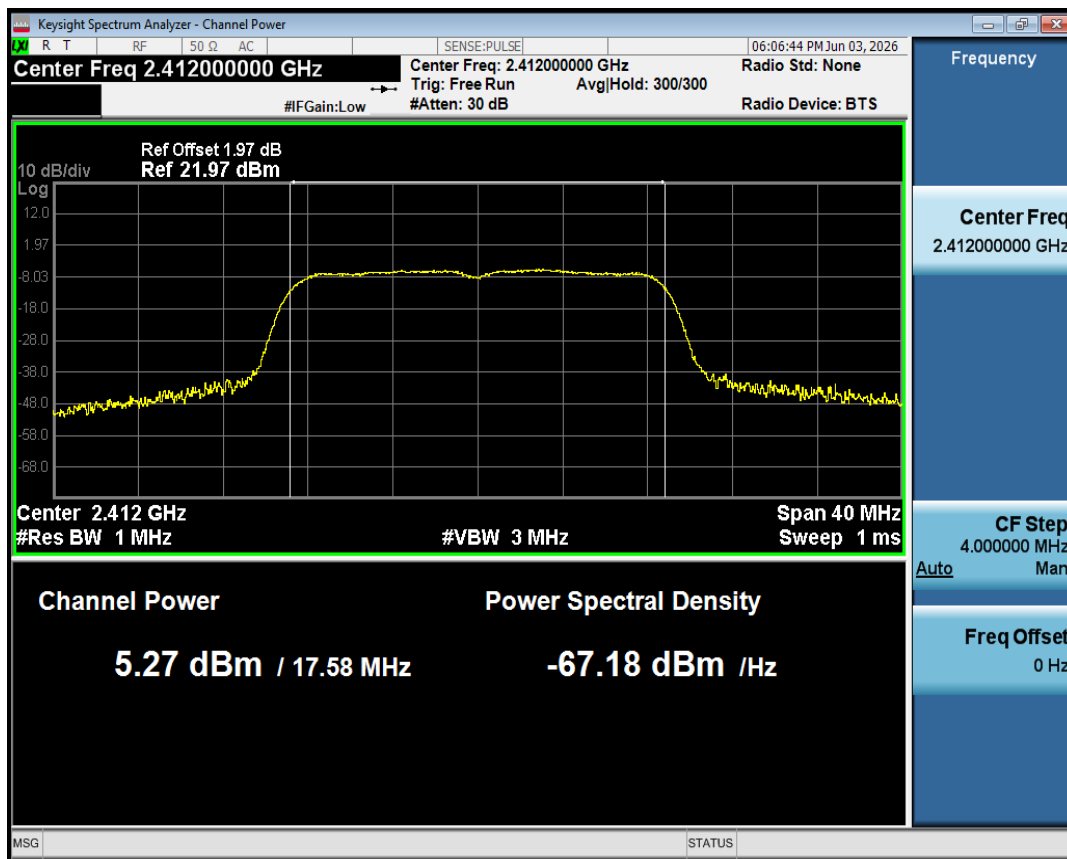
Average Power NVNT g 2412MHz Ant1



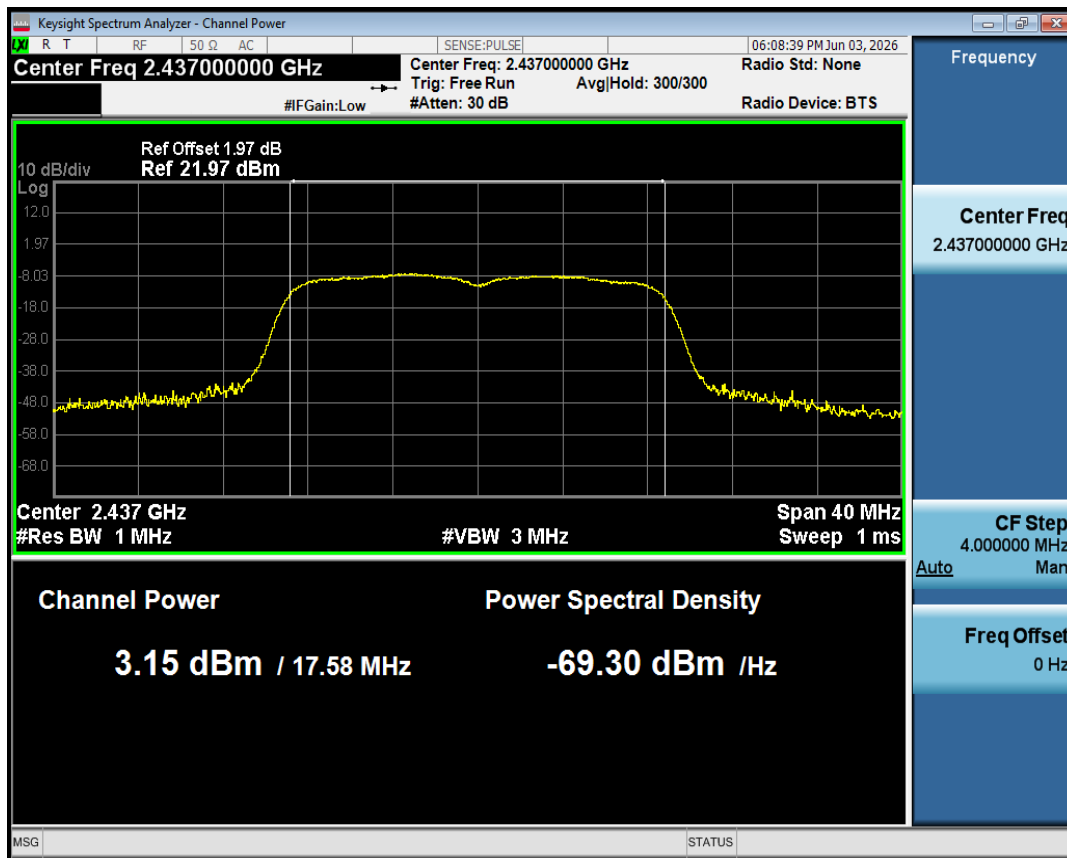
Average Power NVNT g 2437MHz Ant1



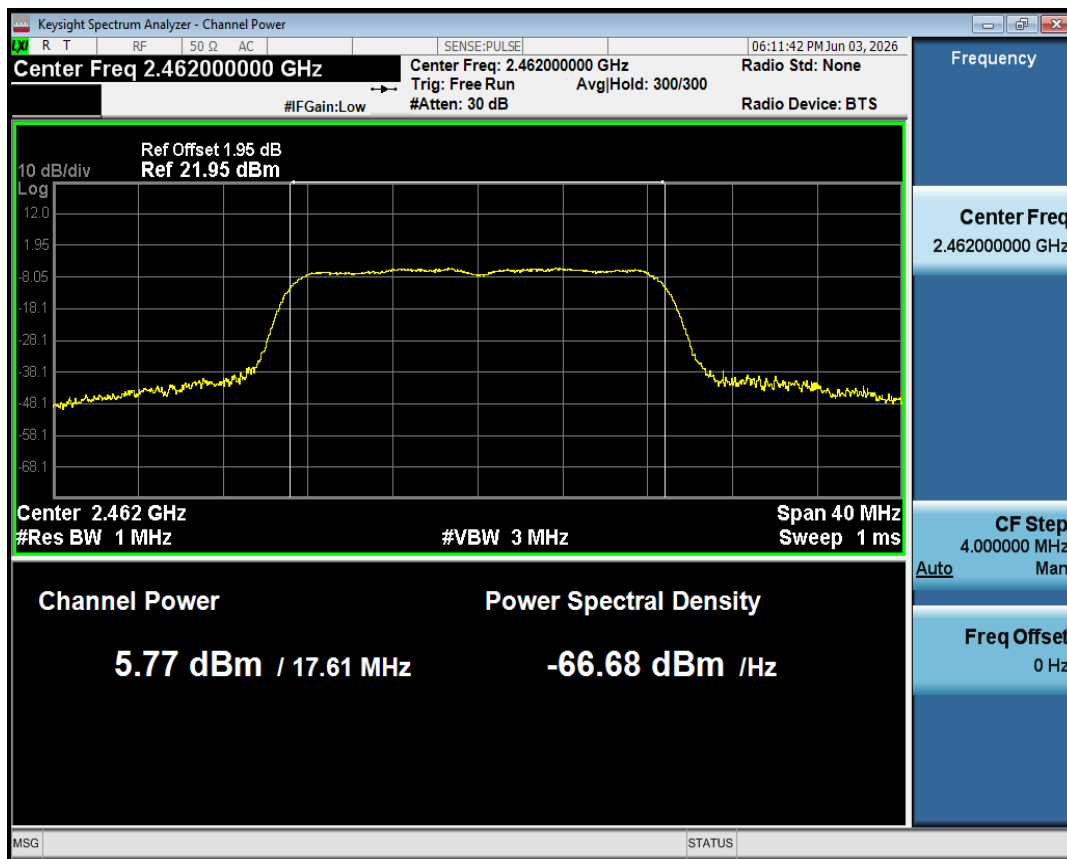
Average Power NVNT g 2462MHz Ant1



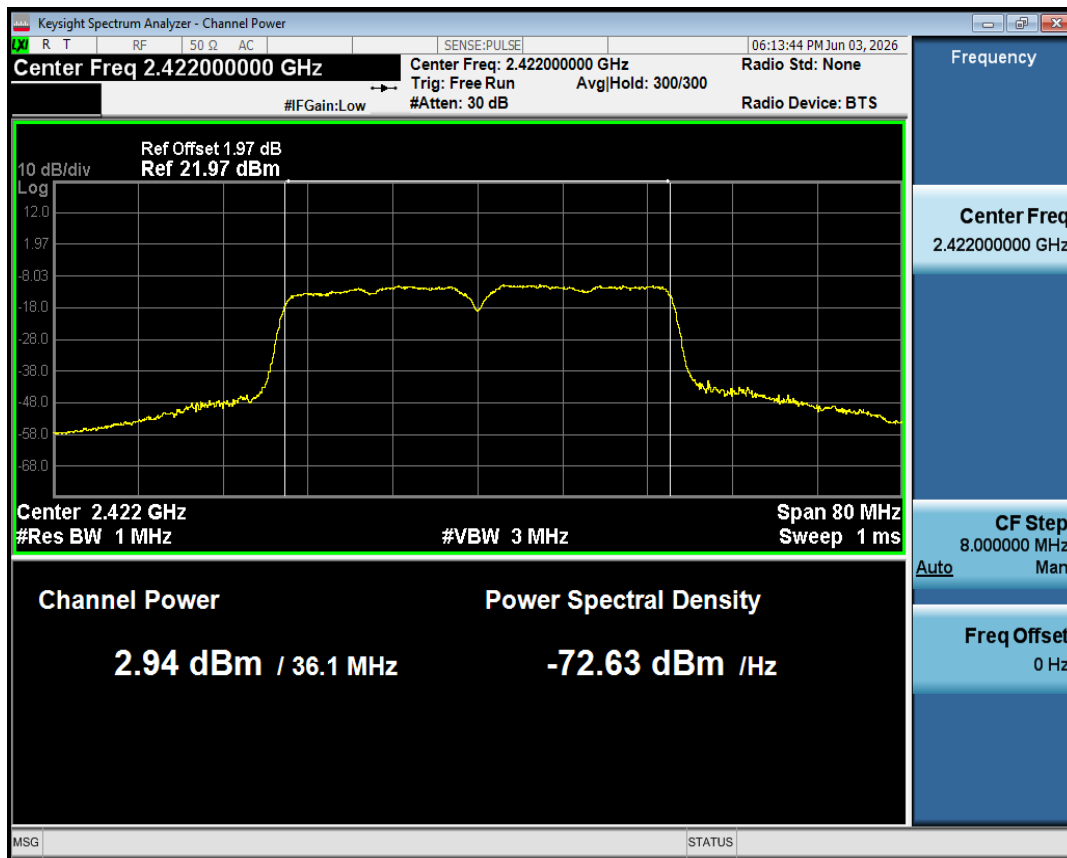
Average Power NVNT n20 2412MHz Ant1



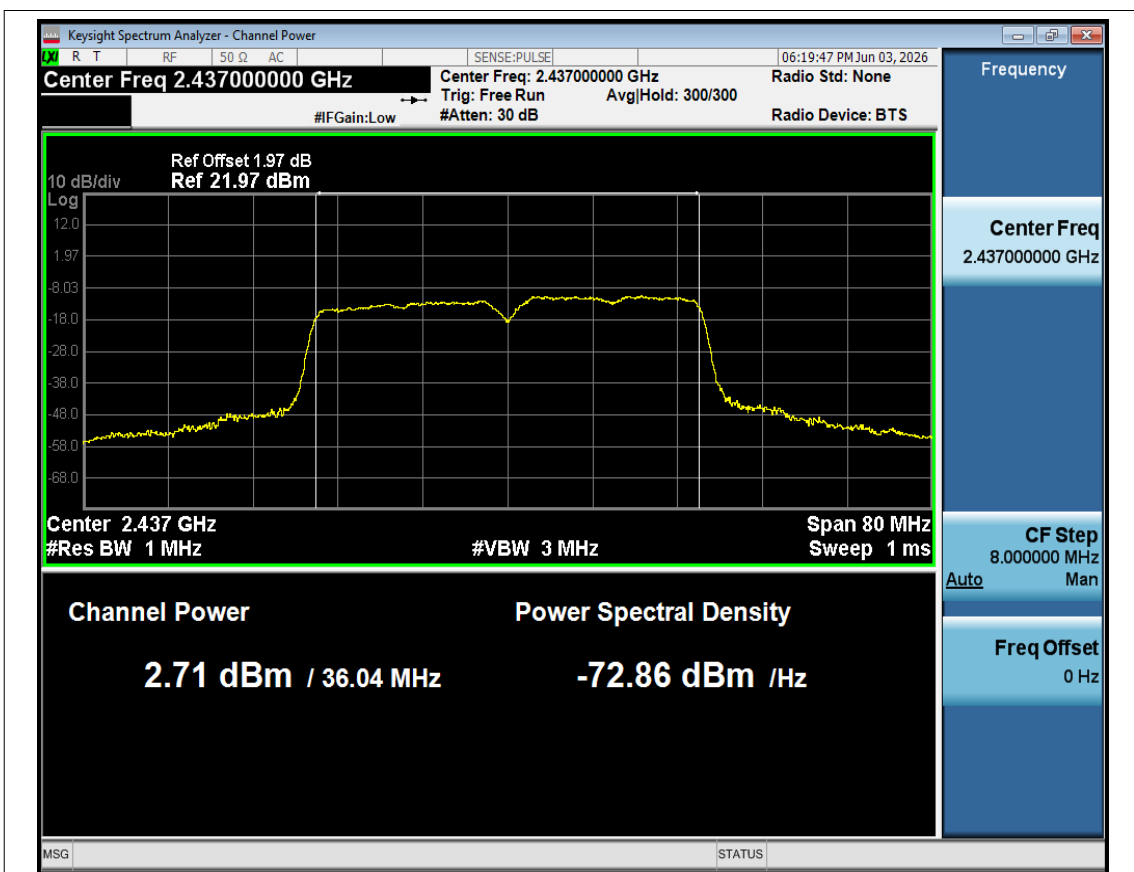
Average Power NVNT n20 2437MHz Ant1



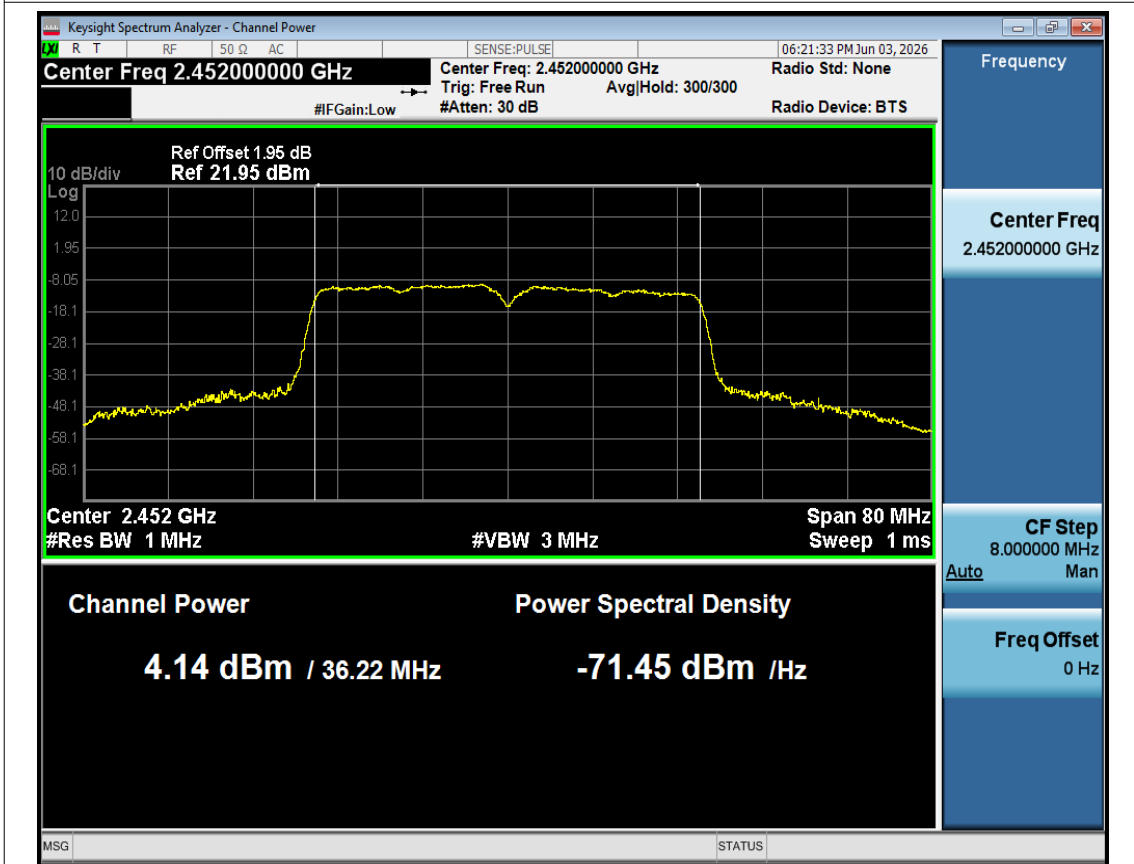
Average Power NVNT n20 2462MHz Ant1



Average Power NVNT n40 2422MHz Ant1



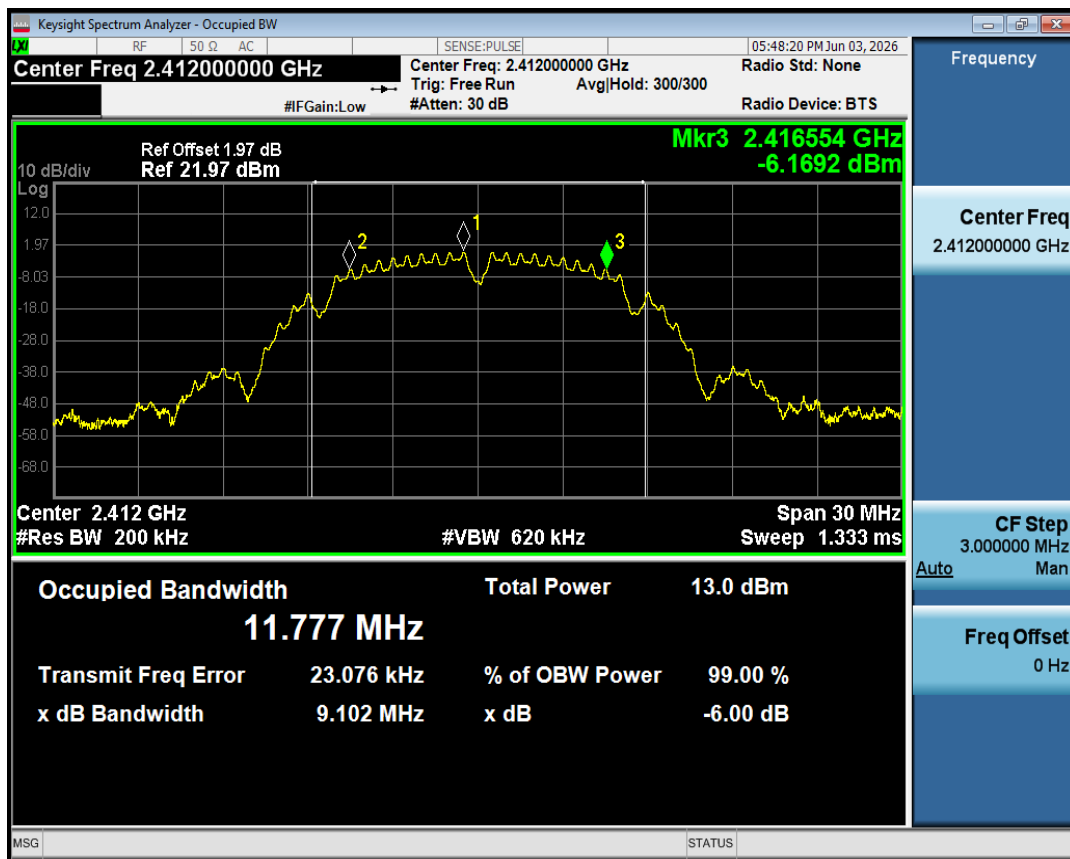
Average Power NVNT n40 2437MHz Ant1



Average Power NVNT n40 2452MHz Ant1

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.102	0.5	Pass
NVNT	b	2437	Ant1	9.104	0.5	Pass
NVNT	b	2462	Ant1	9.109	0.5	Pass
NVNT	g	2412	Ant1	16.36	0.5	Pass
NVNT	g	2437	Ant1	16.34	0.5	Pass
NVNT	g	2462	Ant1	16.37	0.5	Pass
NVNT	n20	2412	Ant1	17.34	0.5	Pass
NVNT	n20	2437	Ant1	17.26	0.5	Pass
NVNT	n20	2462	Ant1	17.36	0.5	Pass
NVNT	n40	2422	Ant1	35.9	0.5	Pass
NVNT	n40	2437	Ant1	35.38	0.5	Pass
NVNT	n40	2452	Ant1	35.75	0.5	Pass



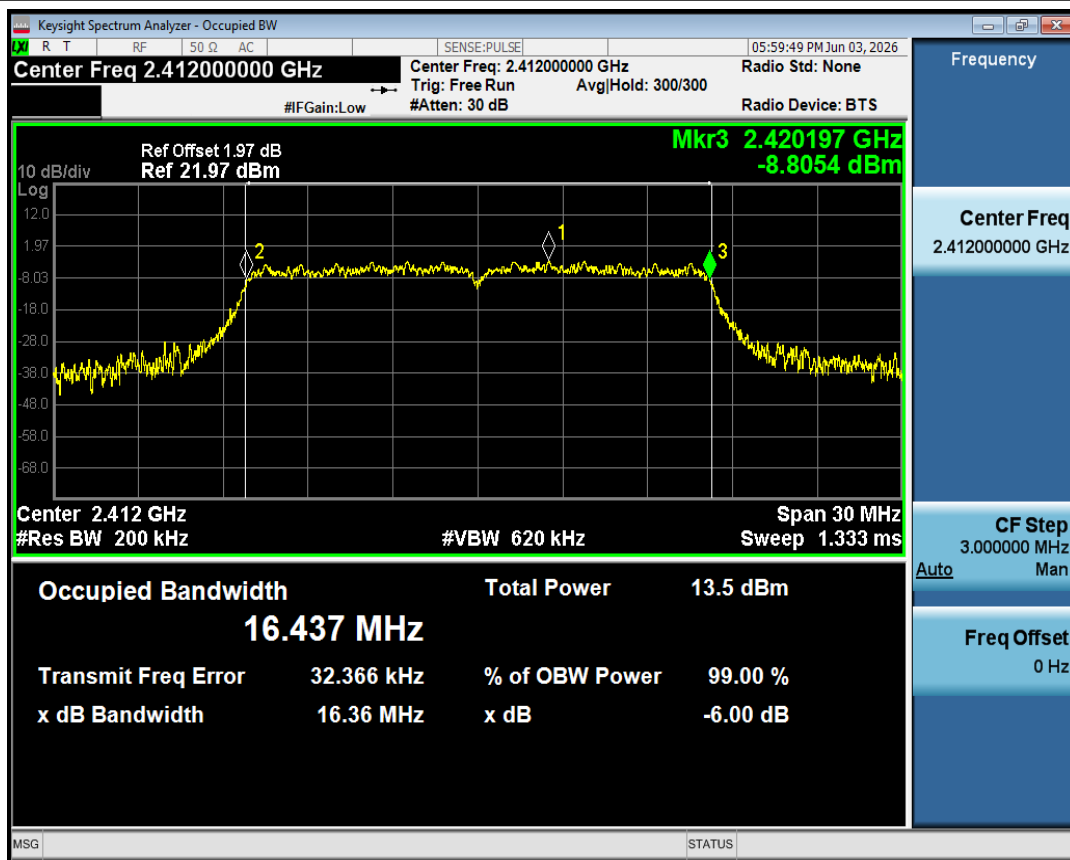
-6dB Bandwidth NVNT b 2412MHz Ant1



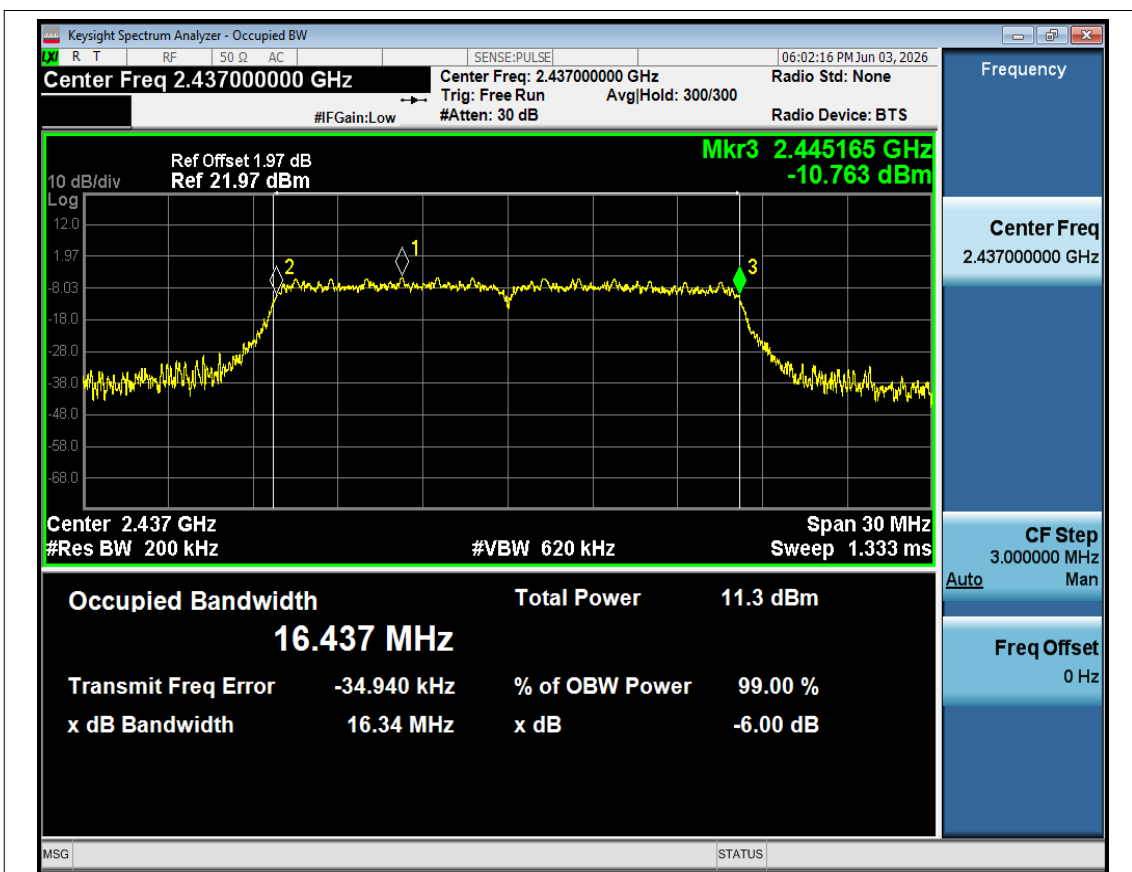
-6dB Bandwidth NVNT b 2437MHz Ant1



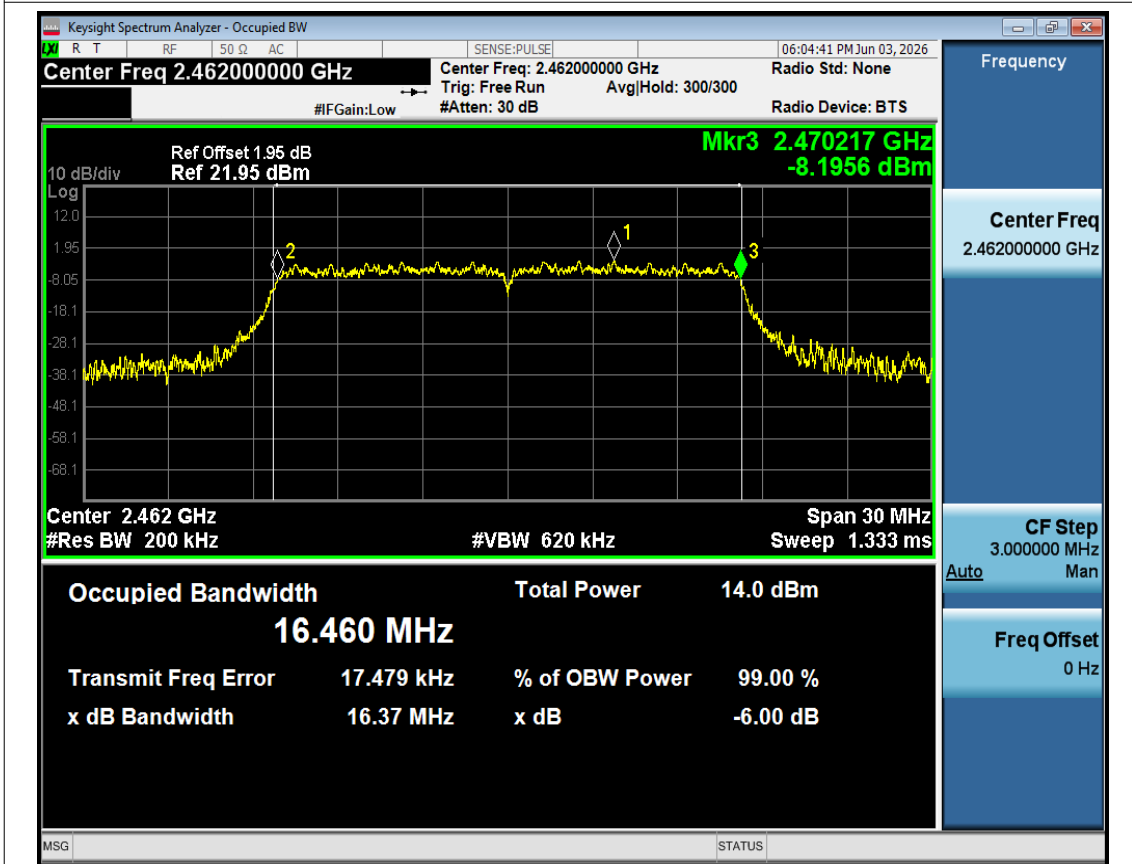
-6dB Bandwidth NVNT b 2462MHz Ant1



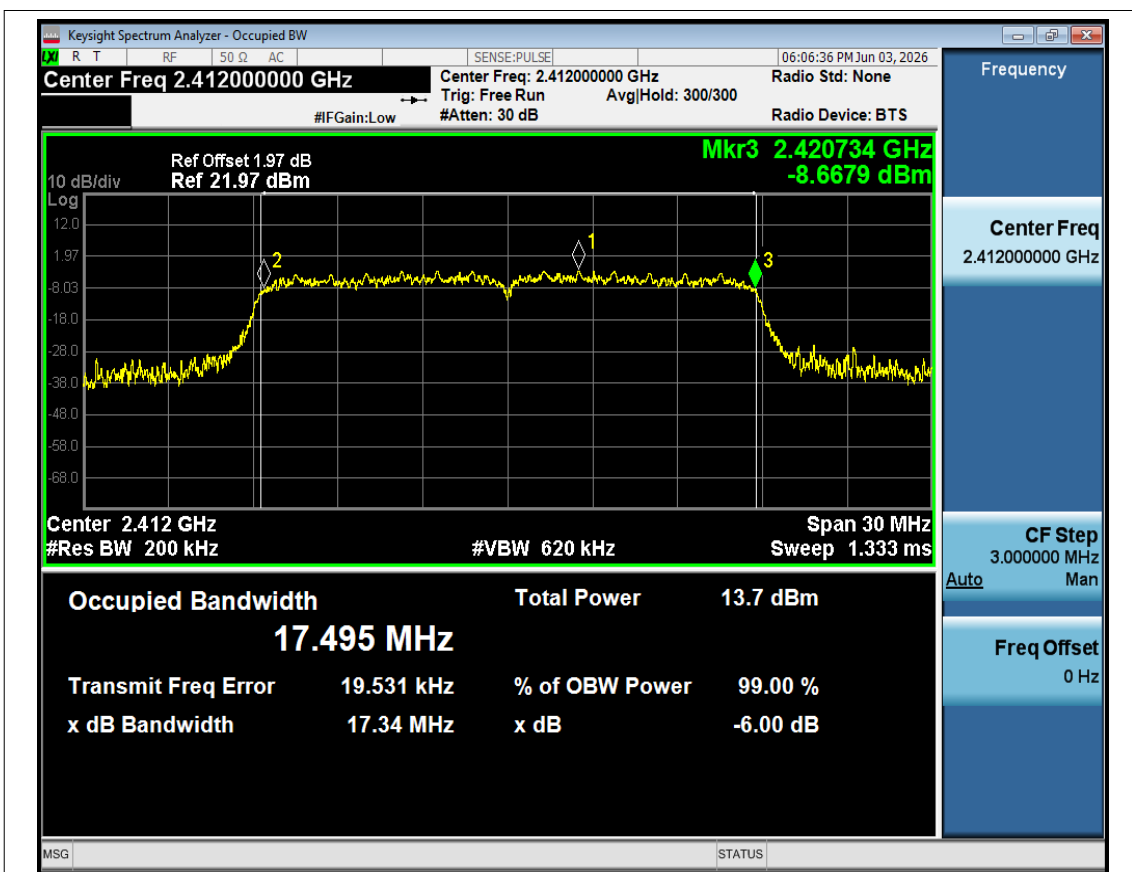
-6dB Bandwidth NVNT g 2412MHz Ant1



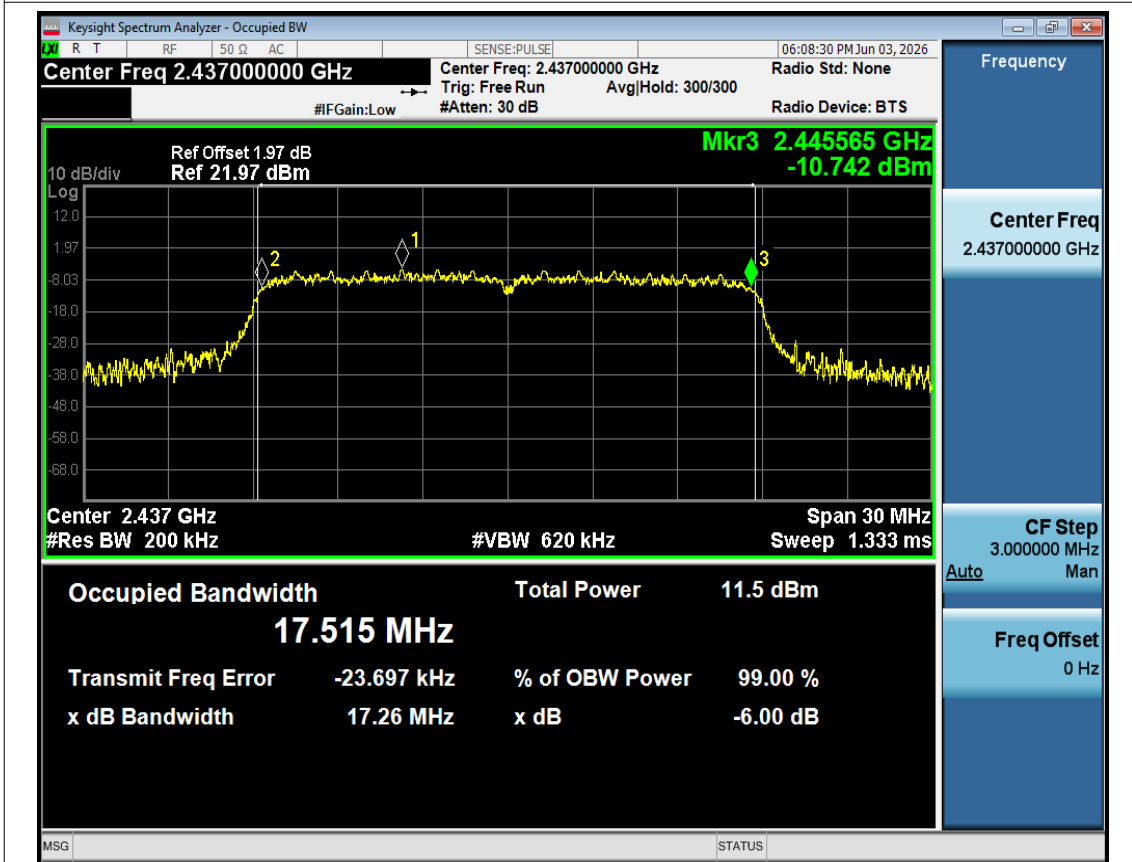
-6dB Bandwidth NVNT g 2437MHz Ant1



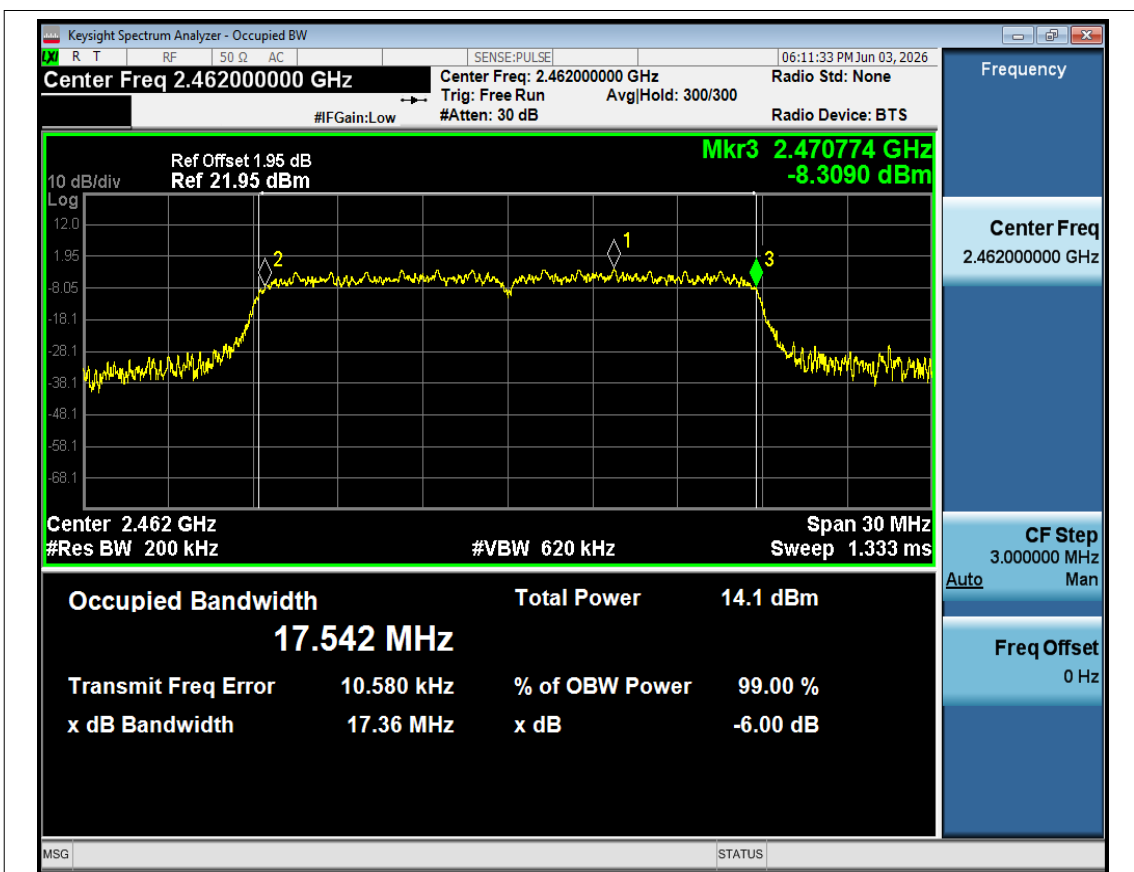
-6dB Bandwidth NVNT g 2462MHz Ant1



-6dB Bandwidth NVNT n20 2412MHz Ant1



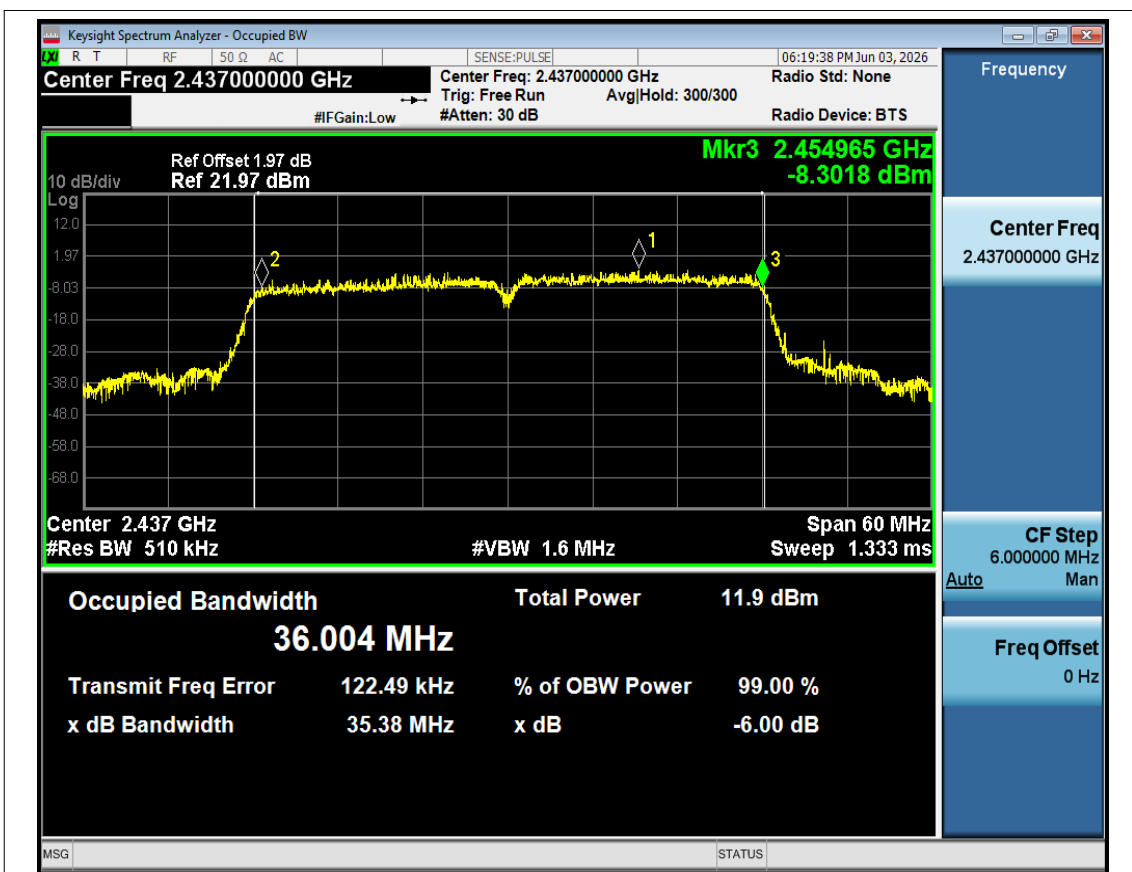
-6dB Bandwidth NVNT n20 2437MHz Ant1



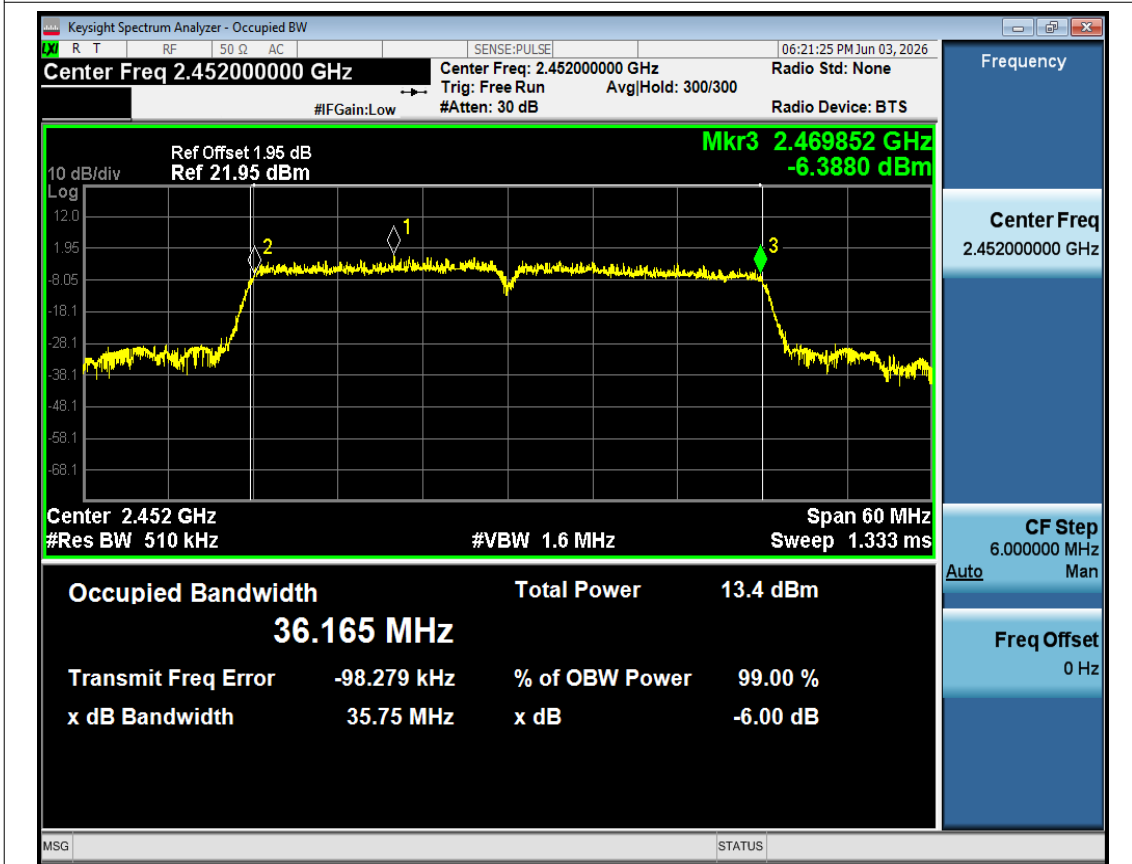
-6dB Bandwidth NVNT n20 2462MHz Ant1



-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	11.785
NVNT	b	2437	Ant1	11.815
NVNT	b	2462	Ant1	11.816
NVNT	g	2412	Ant1	16.534
NVNT	g	2437	Ant1	16.558
NVNT	g	2462	Ant1	16.584
NVNT	n20	2412	Ant1	17.579
NVNT	n20	2437	Ant1	17.578
NVNT	n20	2462	Ant1	17.606
NVNT	n40	2422	Ant1	36.102
NVNT	n40	2437	Ant1	36.036
NVNT	n40	2452	Ant1	36.224



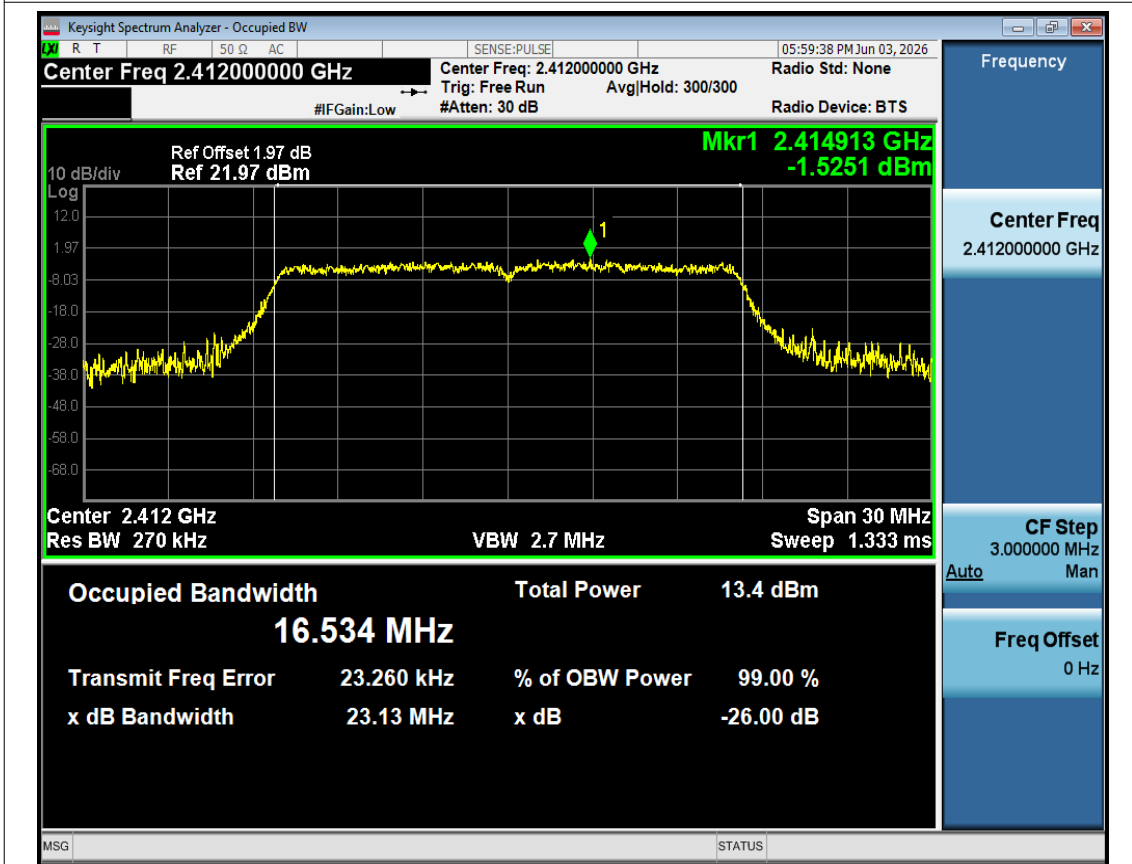
OBW NVNT b 2412MHz Ant1



OBW NVNT b 2437MHz Ant1



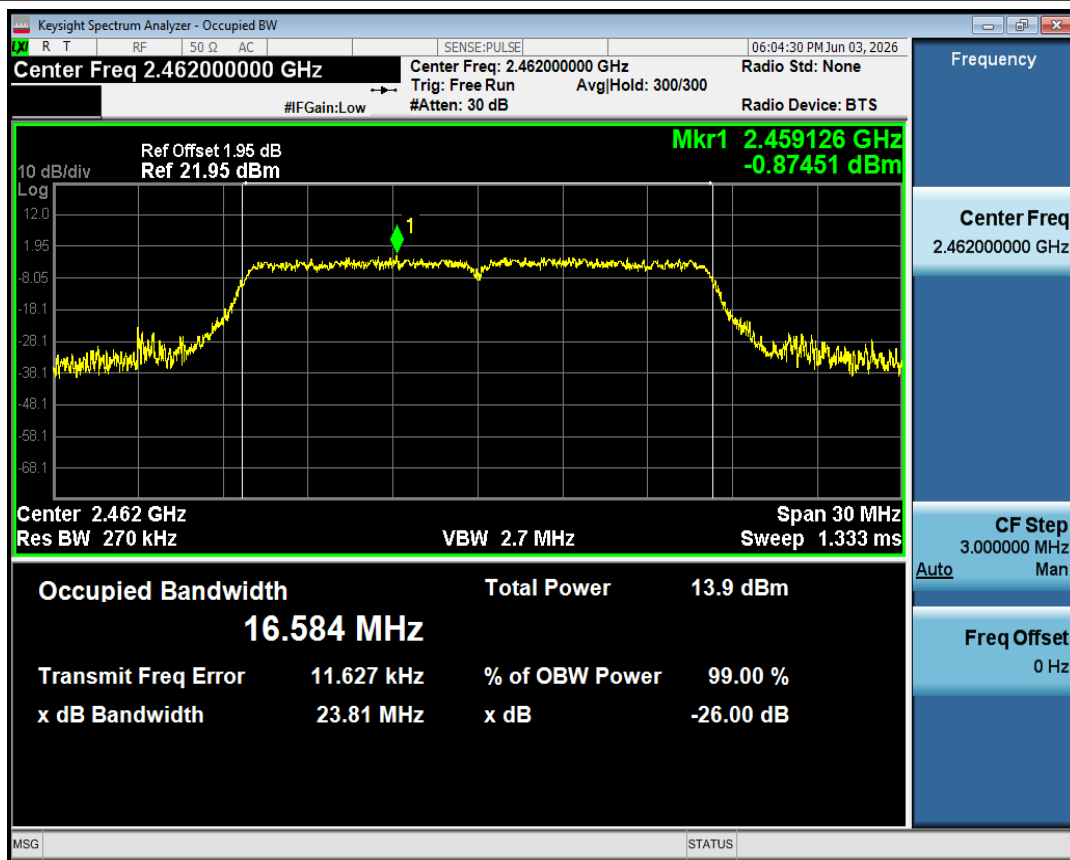
OBW NVNT b 2462MHz Ant1



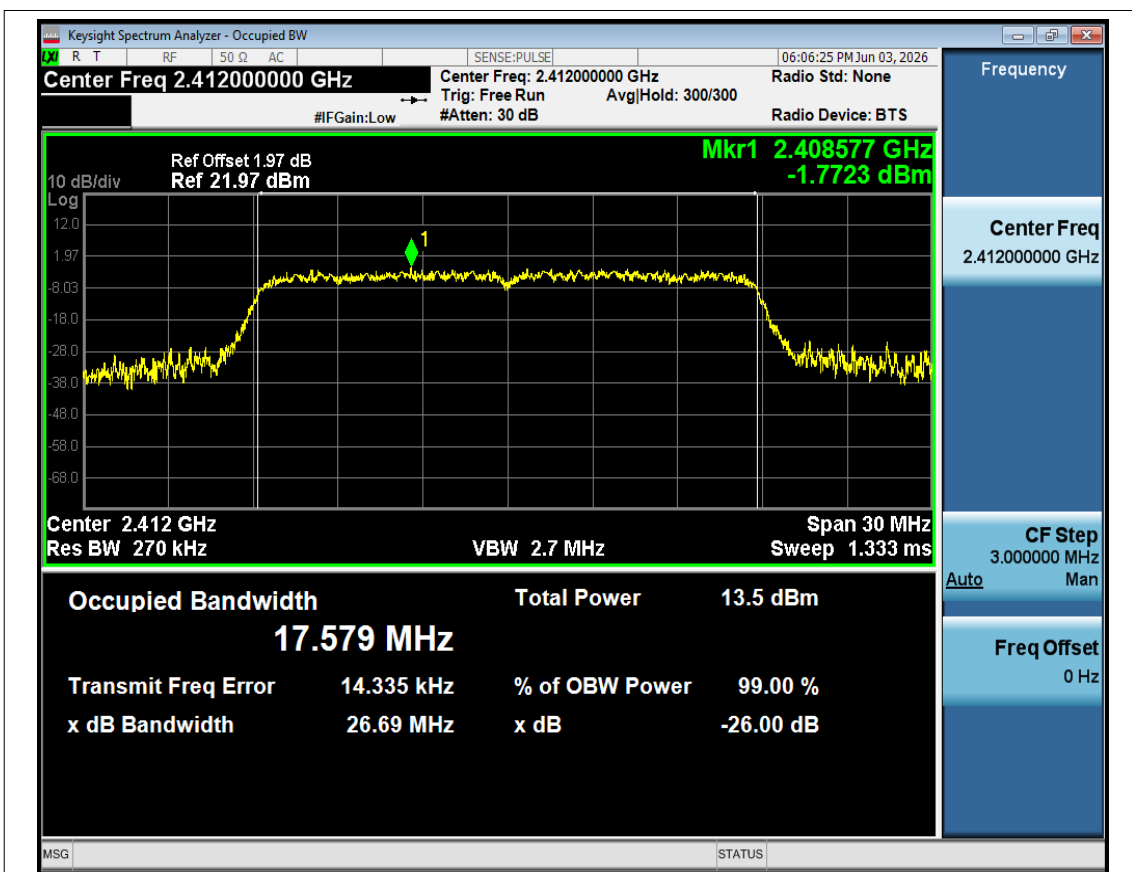
OBW NVNT g 2412MHz Ant1



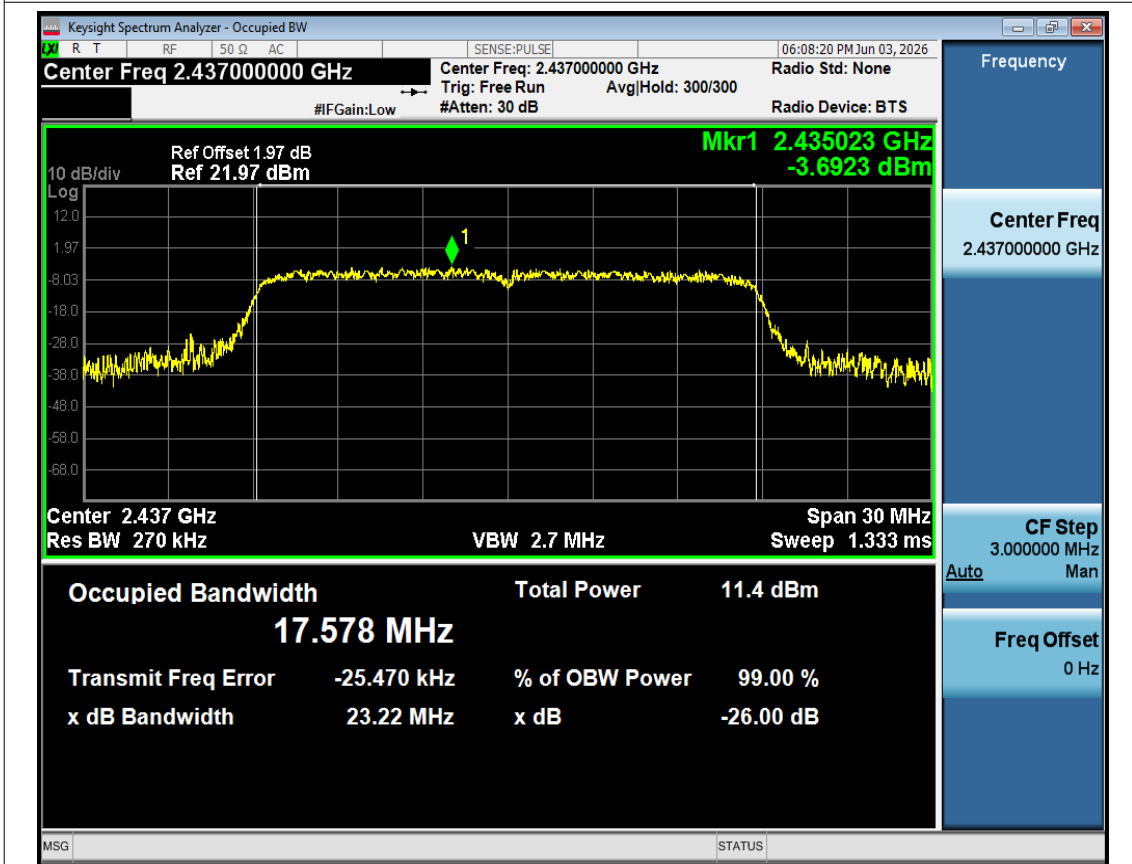
OBW NVNT g 2437MHz Ant1



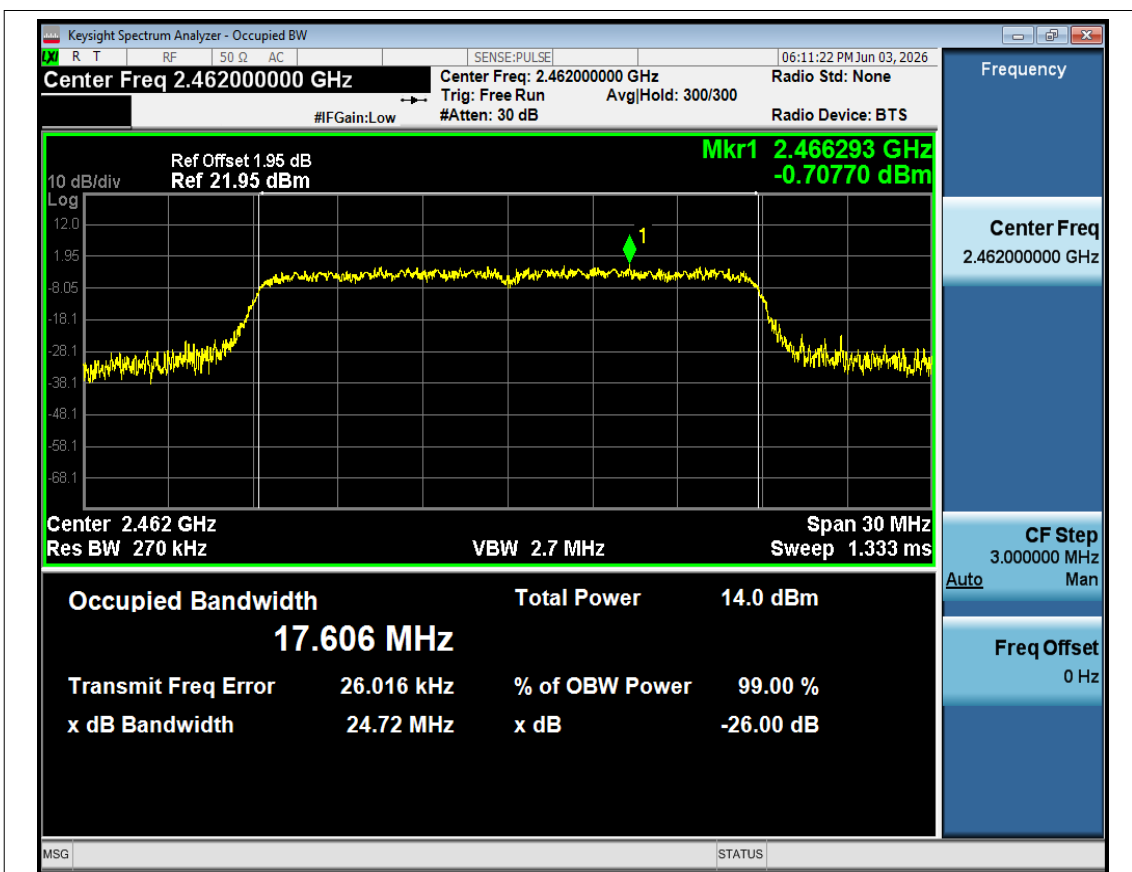
OBW NVNT g 2462MHz Ant1



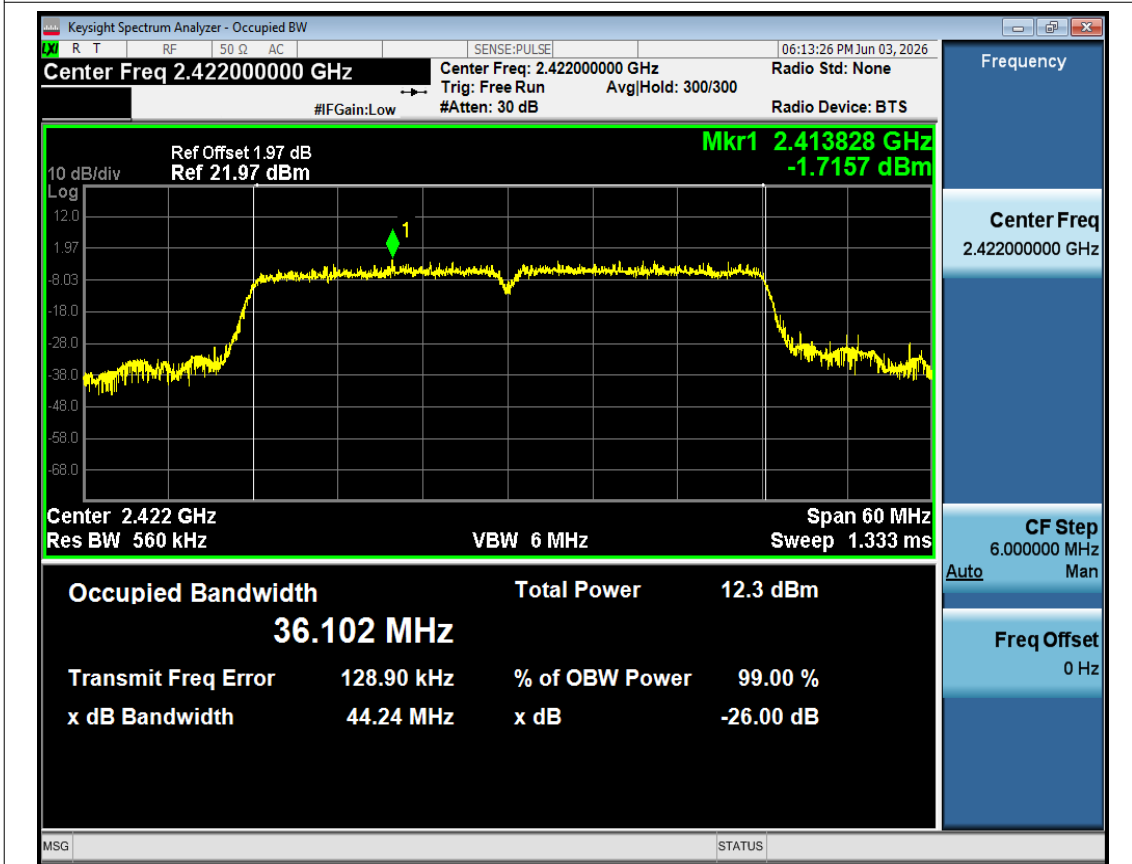
OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



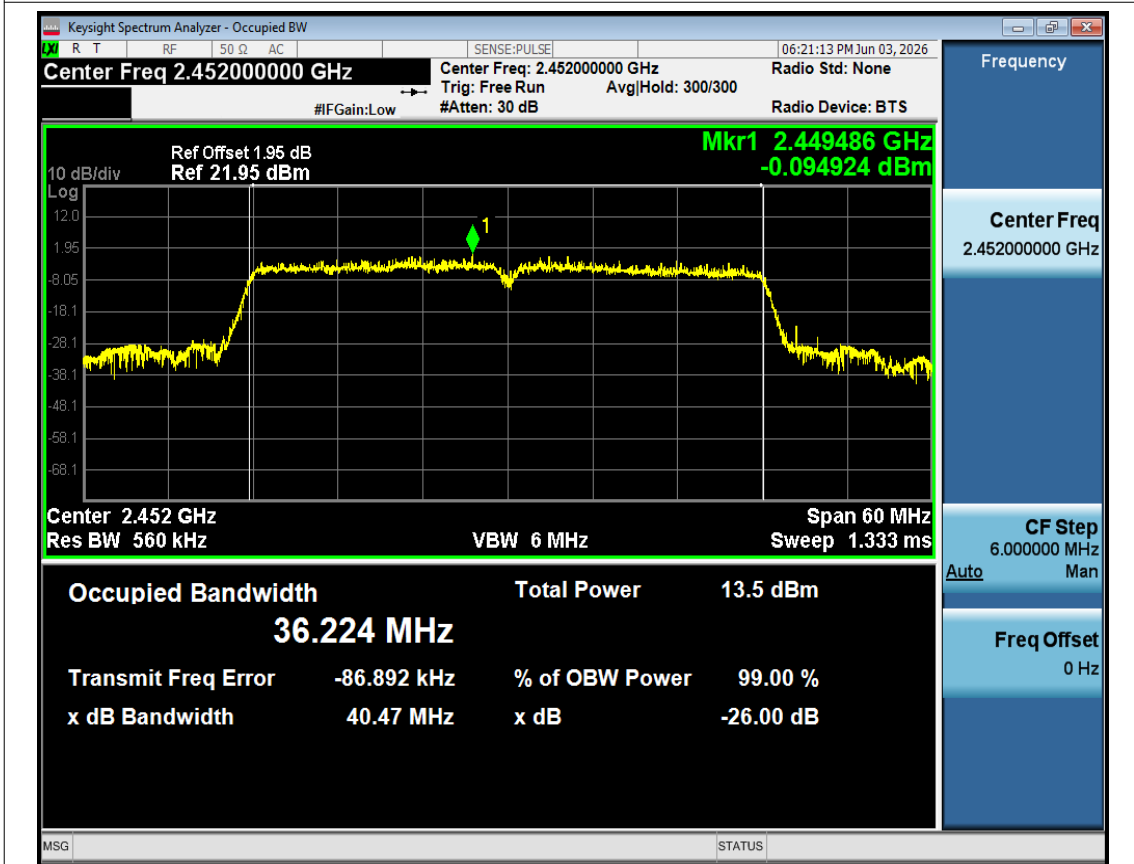
OBW NVNT n20 2462MHz Ant1



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	-24.1	0.47	-23.63	8	Pass
NVNT	b	2437	Ant1	-26.43	0.47	-25.96	8	Pass
NVNT	b	2462	Ant1	-23.47	0.43	-23.04	8	Pass
NVNT	g	2412	Ant1	-26.89	2.3	-24.59	8	Pass
NVNT	g	2437	Ant1	-29.39	2.29	-27.1	8	Pass
NVNT	g	2462	Ant1	-26.93	2.29	-24.64	8	Pass
NVNT	n20	2412	Ant1	-27.55	2.3	-25.25	8	Pass
NVNT	n20	2437	Ant1	-29.54	2.3	-27.24	8	Pass
NVNT	n20	2462	Ant1	-26.71	2.3	-24.41	8	Pass
NVNT	n40	2422	Ant1	-31.92	3.15	-28.77	8	Pass
NVNT	n40	2437	Ant1	-31.52	3.15	-28.37	8	Pass
NVNT	n40	2452	Ant1	-30.75	3.12	-27.63	8	Pass
Remark: $PSD(dBm/3kHz) = PSD(dBm/30kHz) - 10\log(30kHz/3kHz)$								



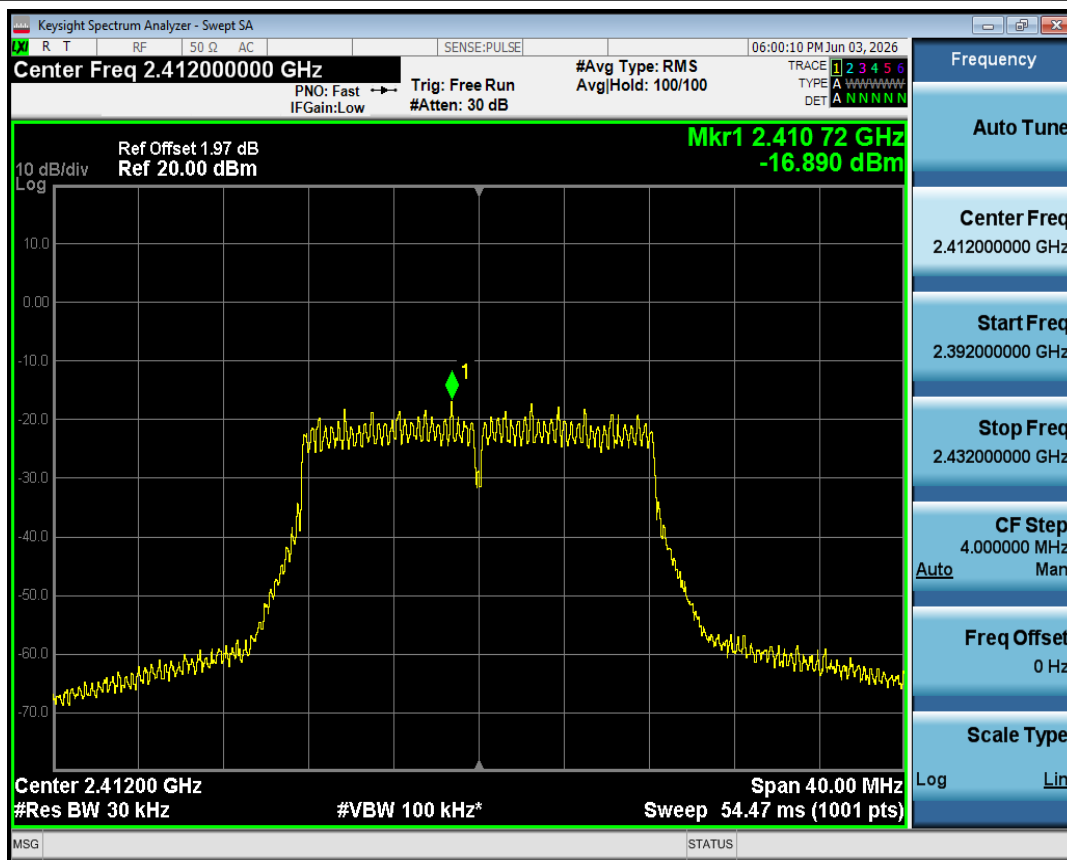
PSD NVNT b 2412MHz Ant1



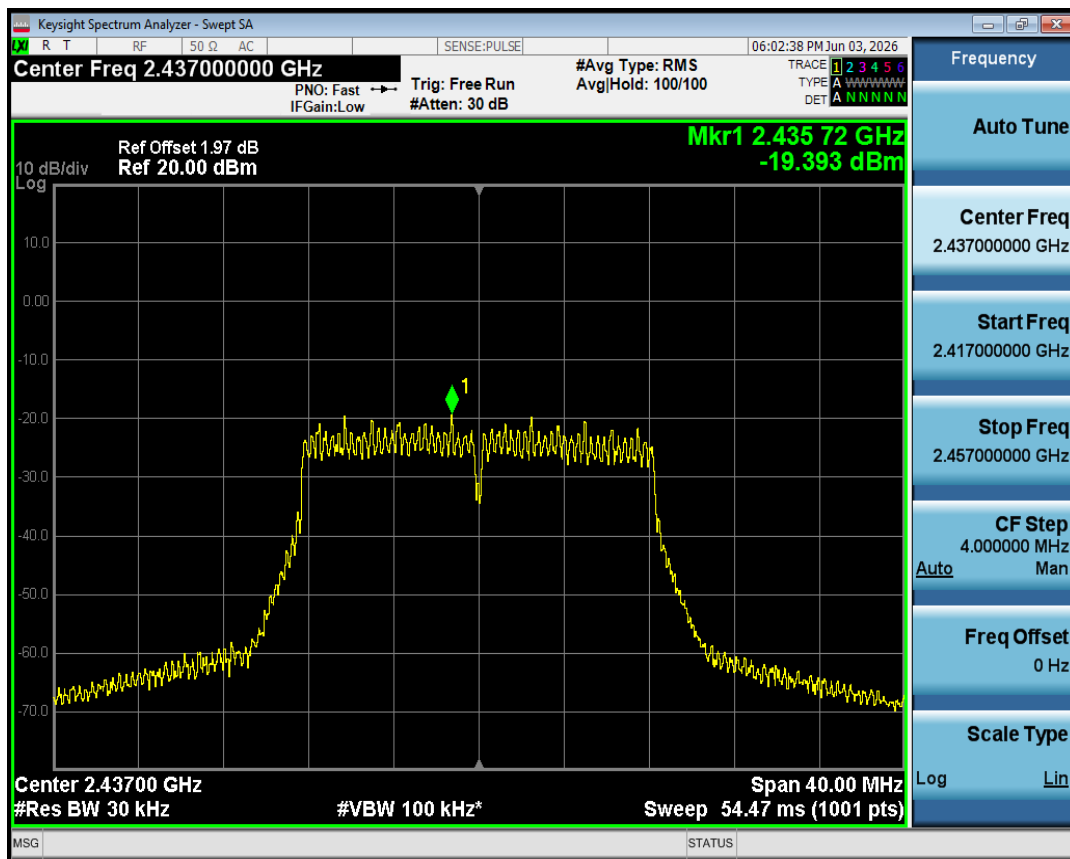
PSD NVNT b 2437MHz Ant1



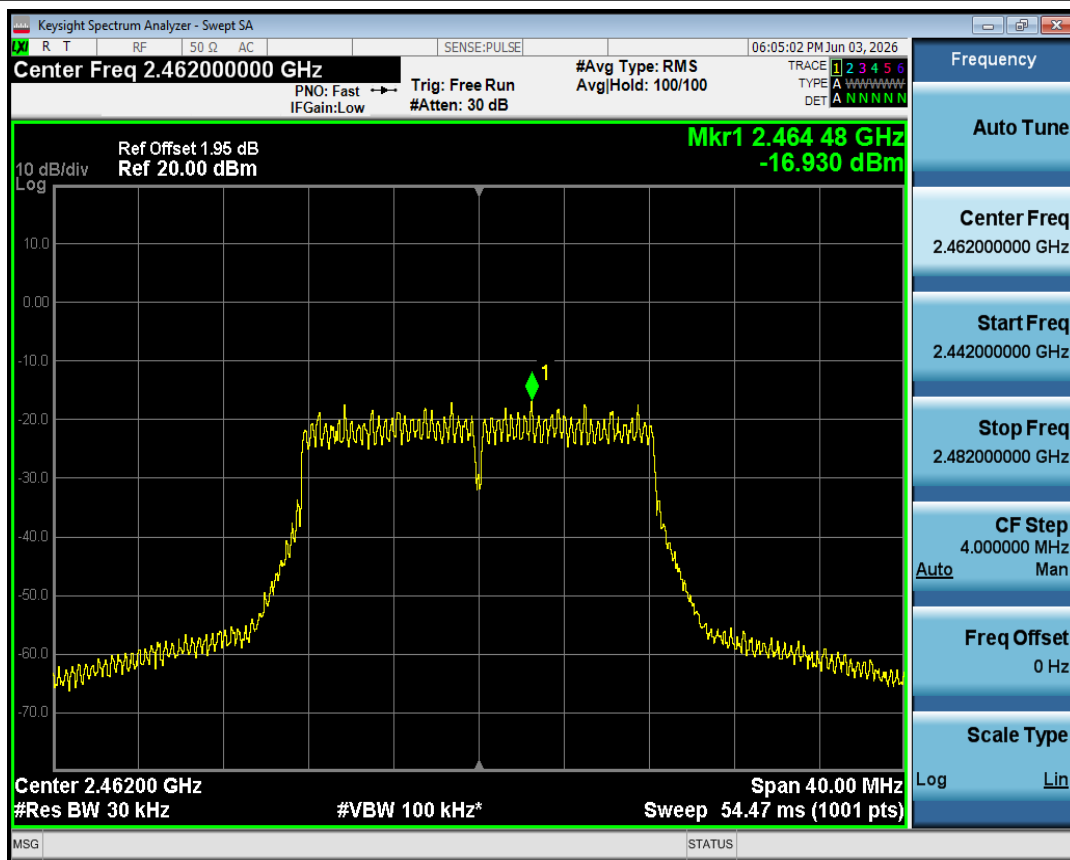
PSD NVNT b 2462MHz Ant1



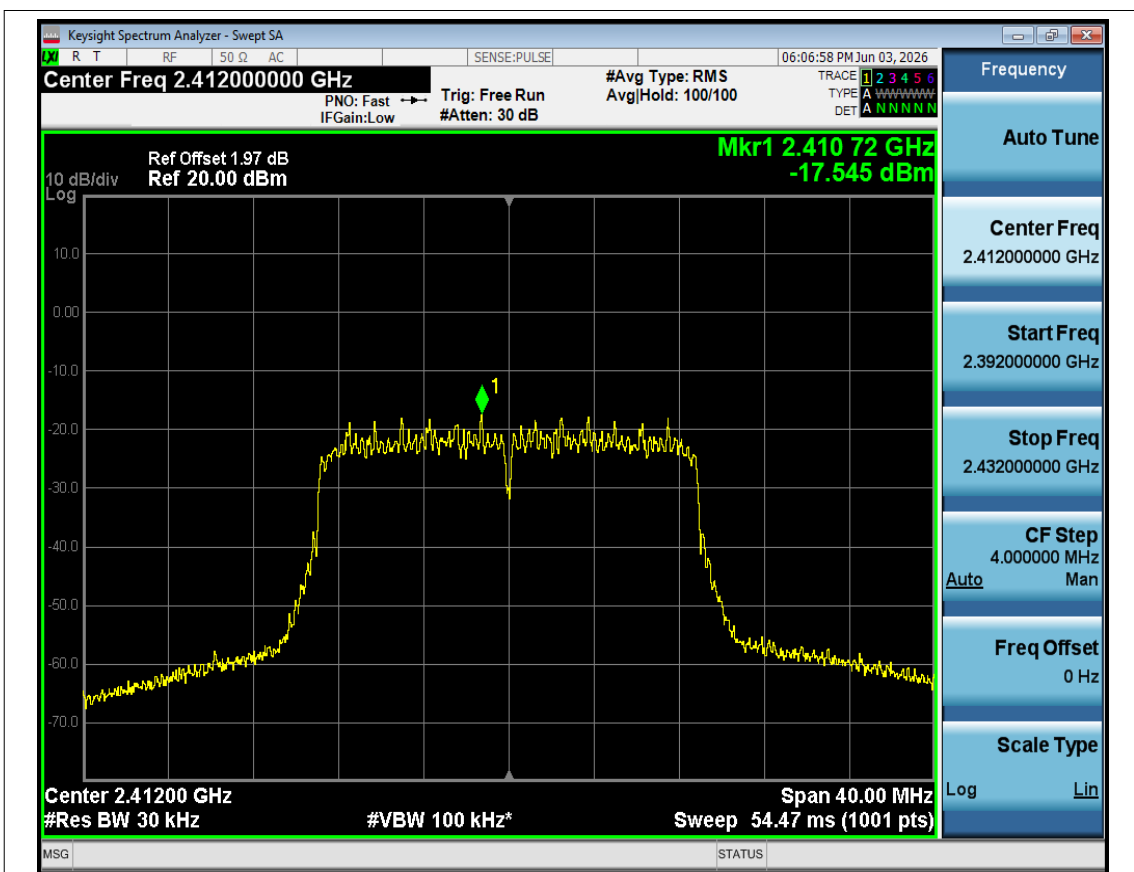
PSD NVNT g 2412MHz Ant1



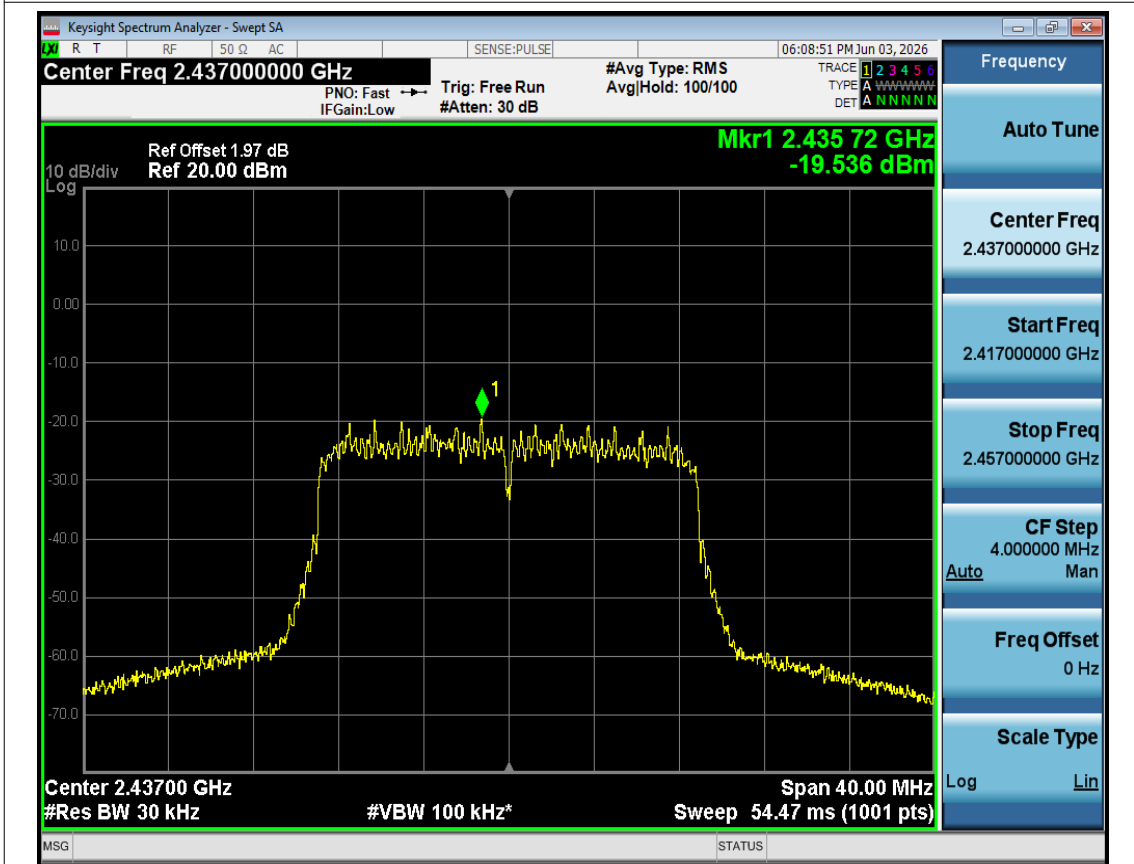
PSD NVNT g 2437MHz Ant1



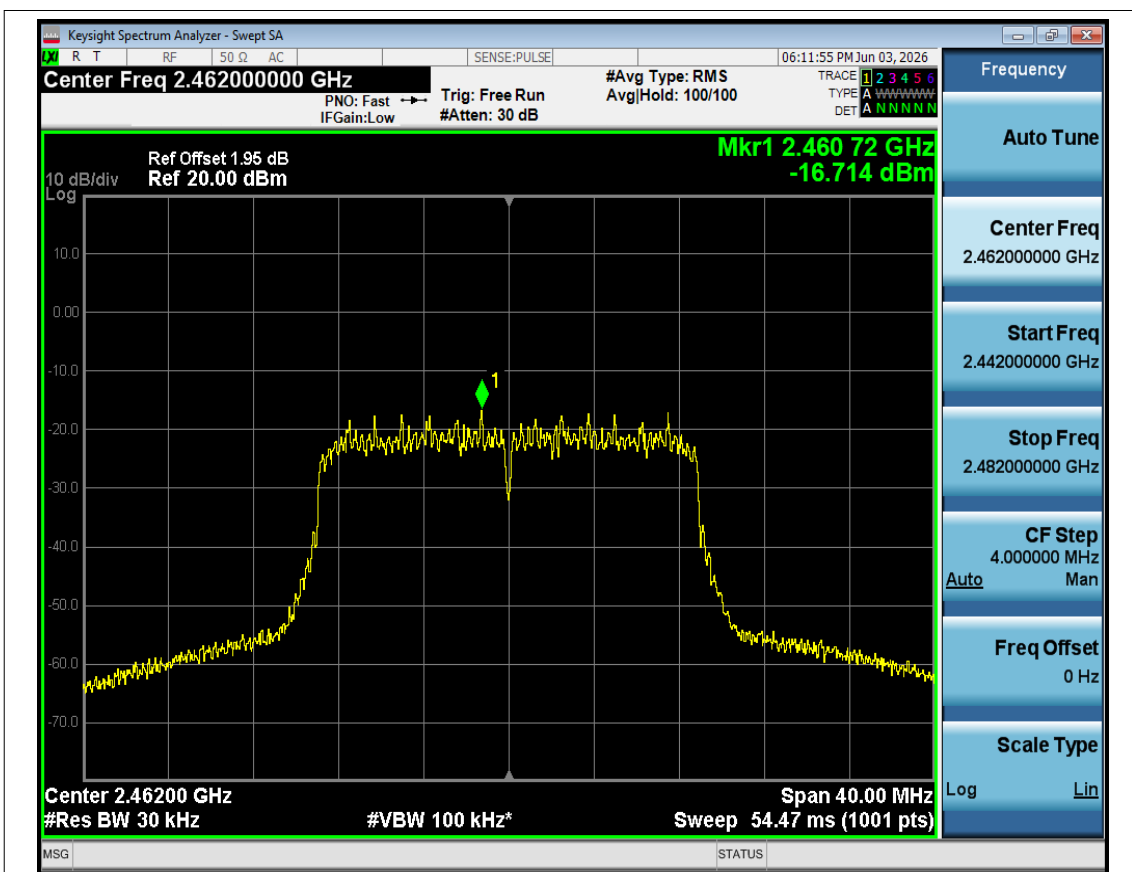
PSD NVNT g 2462MHz Ant1



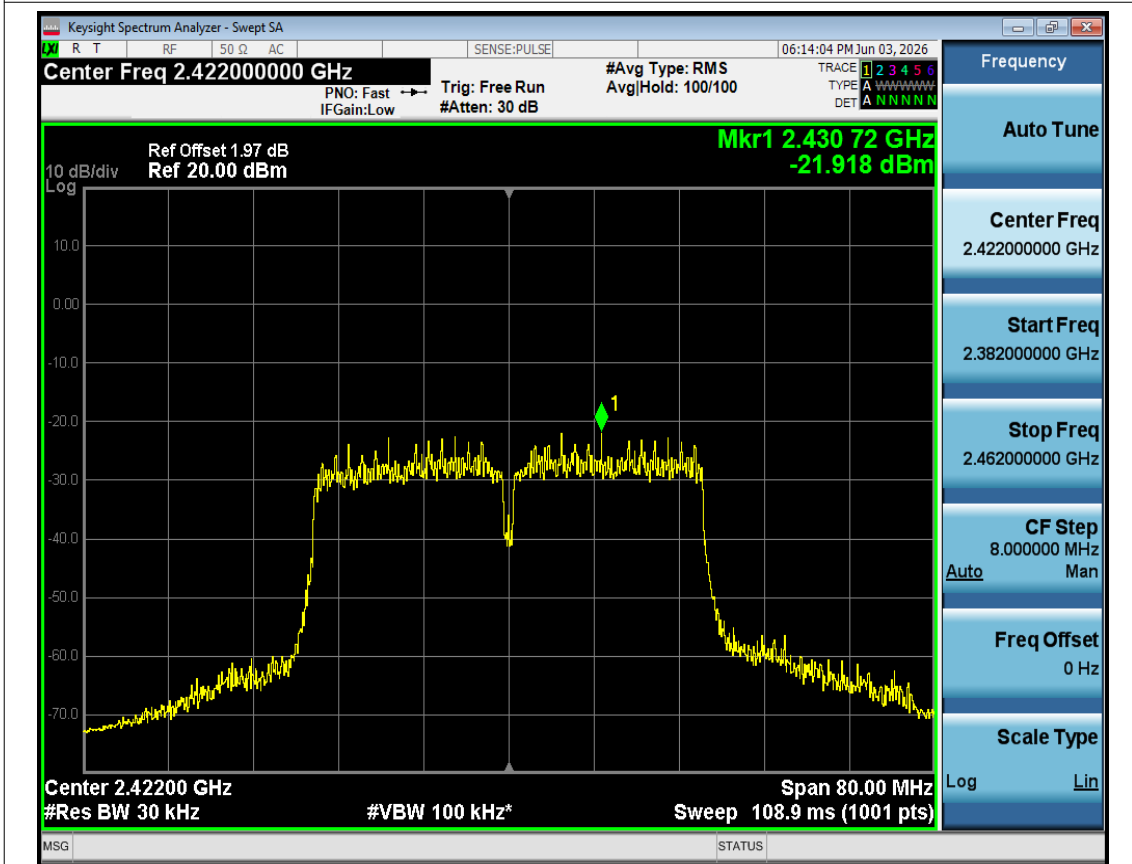
PSD NVNT n20 2412MHz Ant1



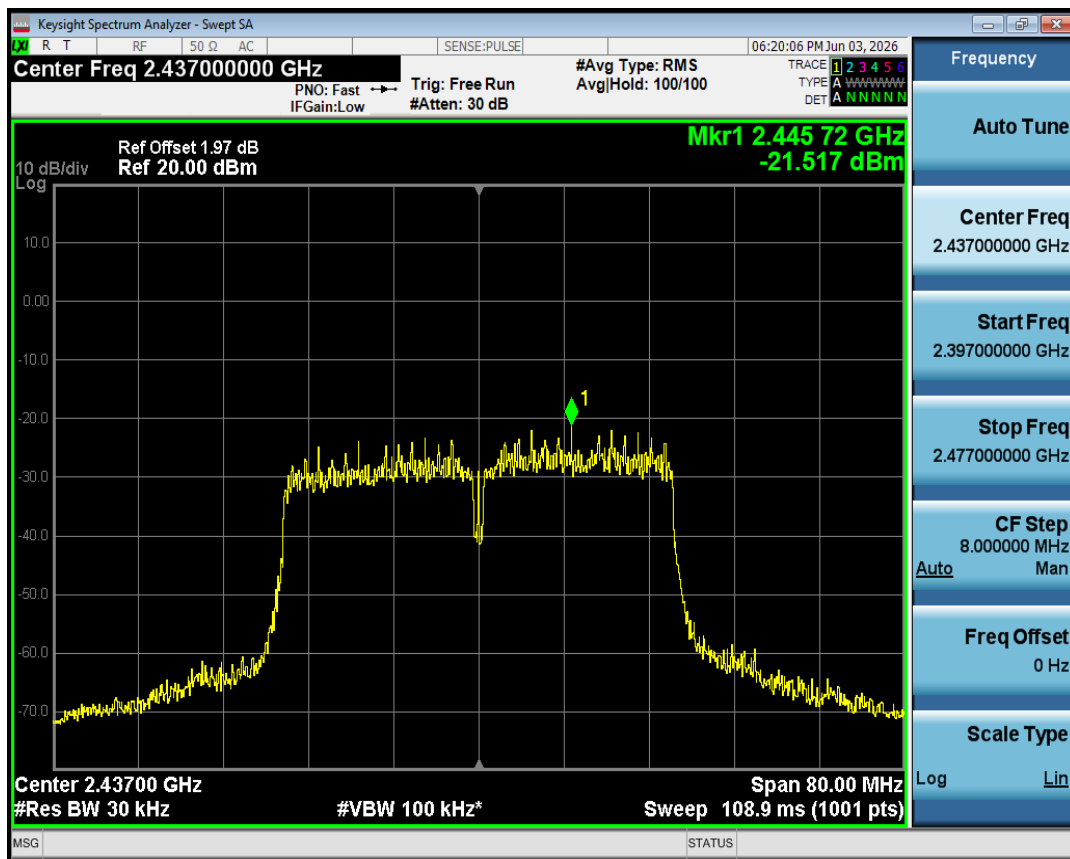
PSD NVNT n20 2437MHz Ant1



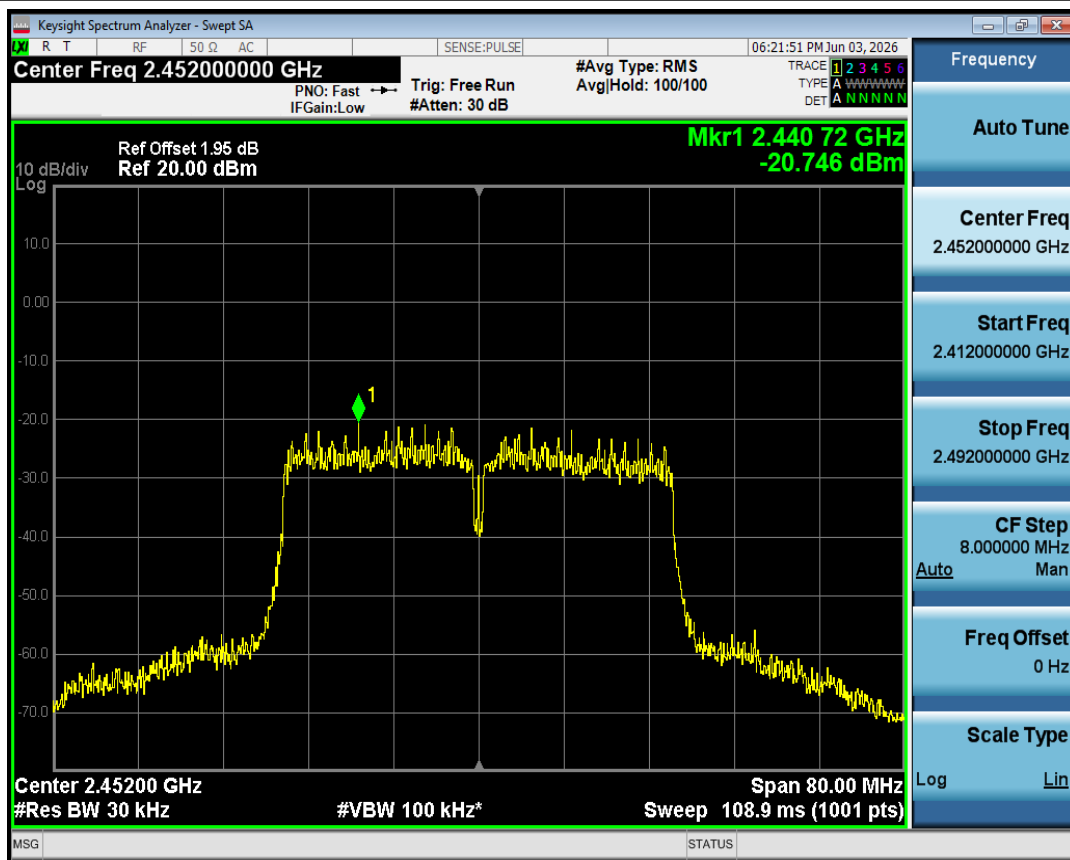
PSD NVNT n20 2462MHz Ant1



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



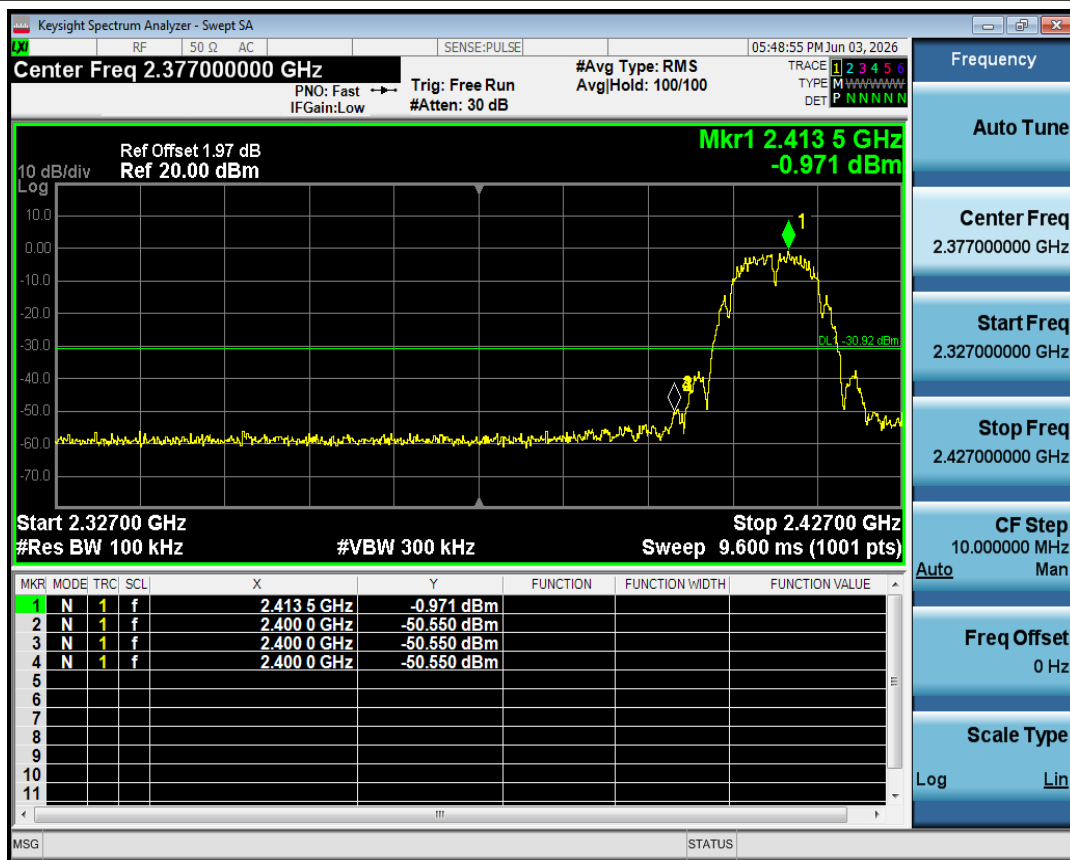
PSD NVNT n40 2452MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.62	-30	Pass
NVNT	b	2462	Ant1	-53.11	-30	Pass
NVNT	g	2412	Ant1	-35.4	-30	Pass
NVNT	g	2462	Ant1	-39.43	-30	Pass
NVNT	n20	2412	Ant1	-32.31	-30	Pass
NVNT	n20	2462	Ant1	-40.11	-30	Pass
NVNT	n40	2422	Ant1	-35.07	-30	Pass
NVNT	n40	2452	Ant1	-36.67	-30	Pass



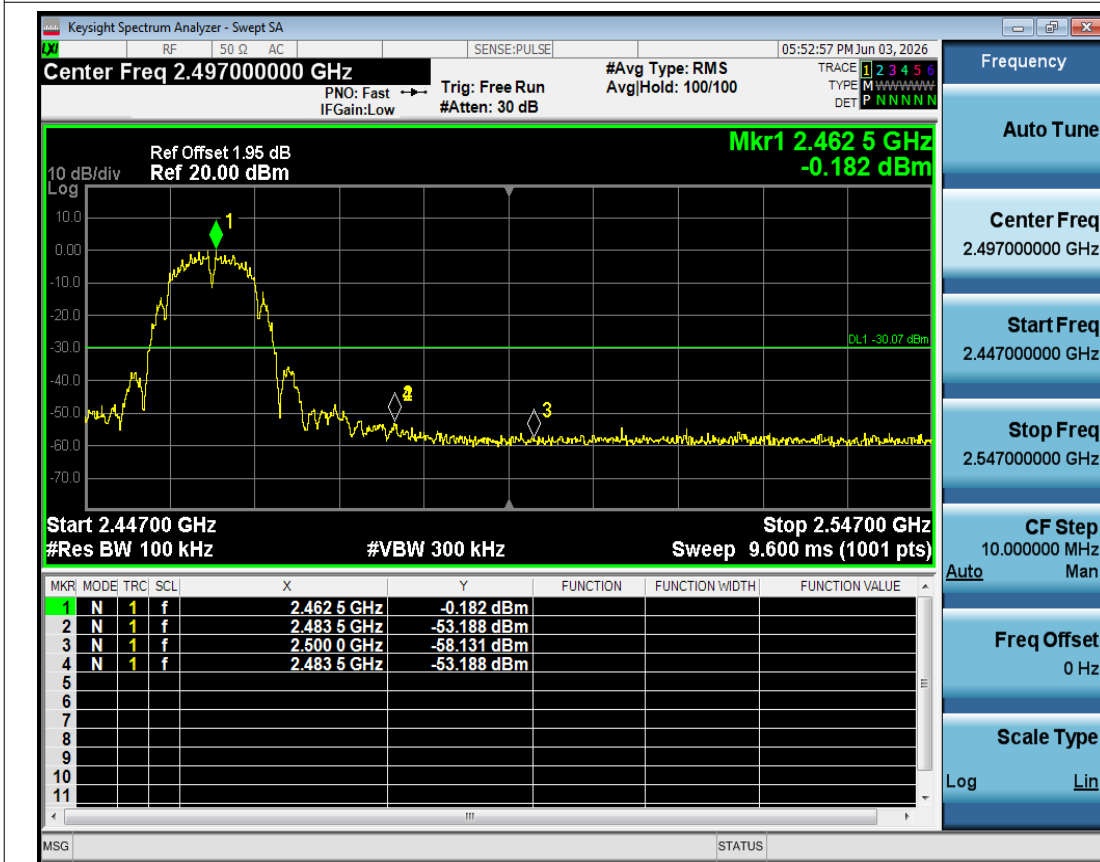
Band Edge NVNT b 2412MHz Ant1 Ref



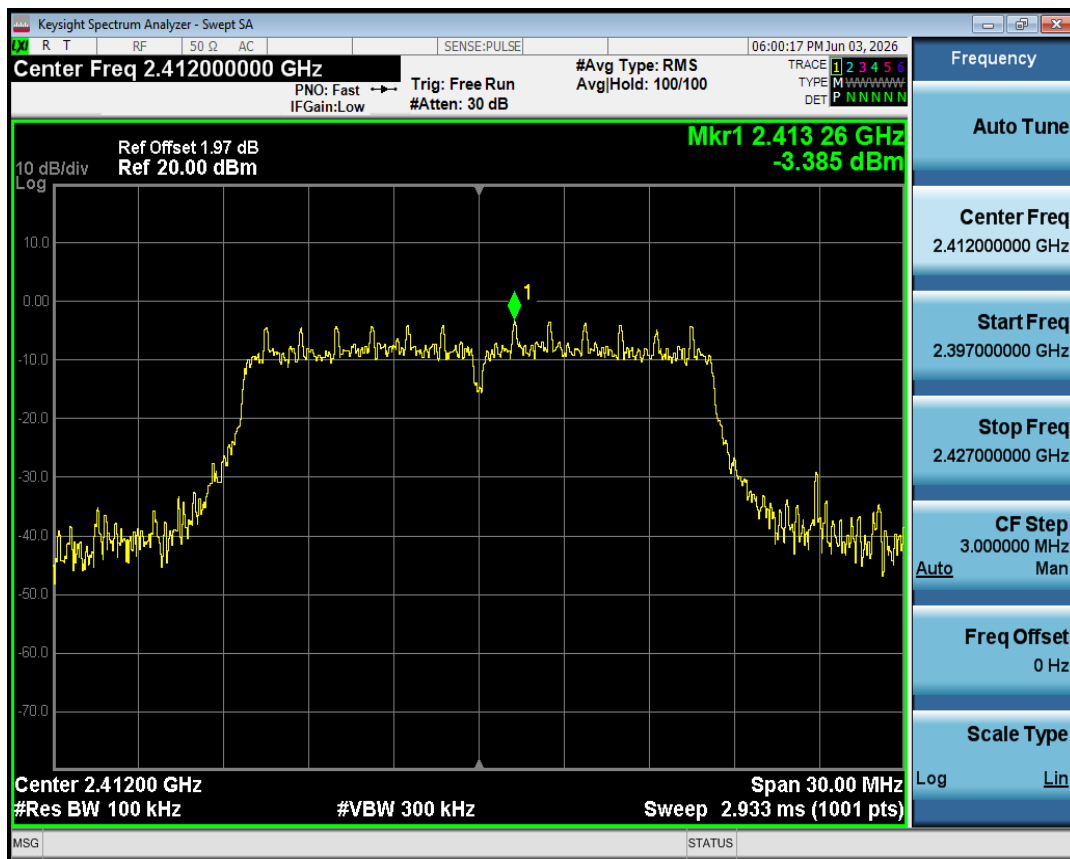
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref



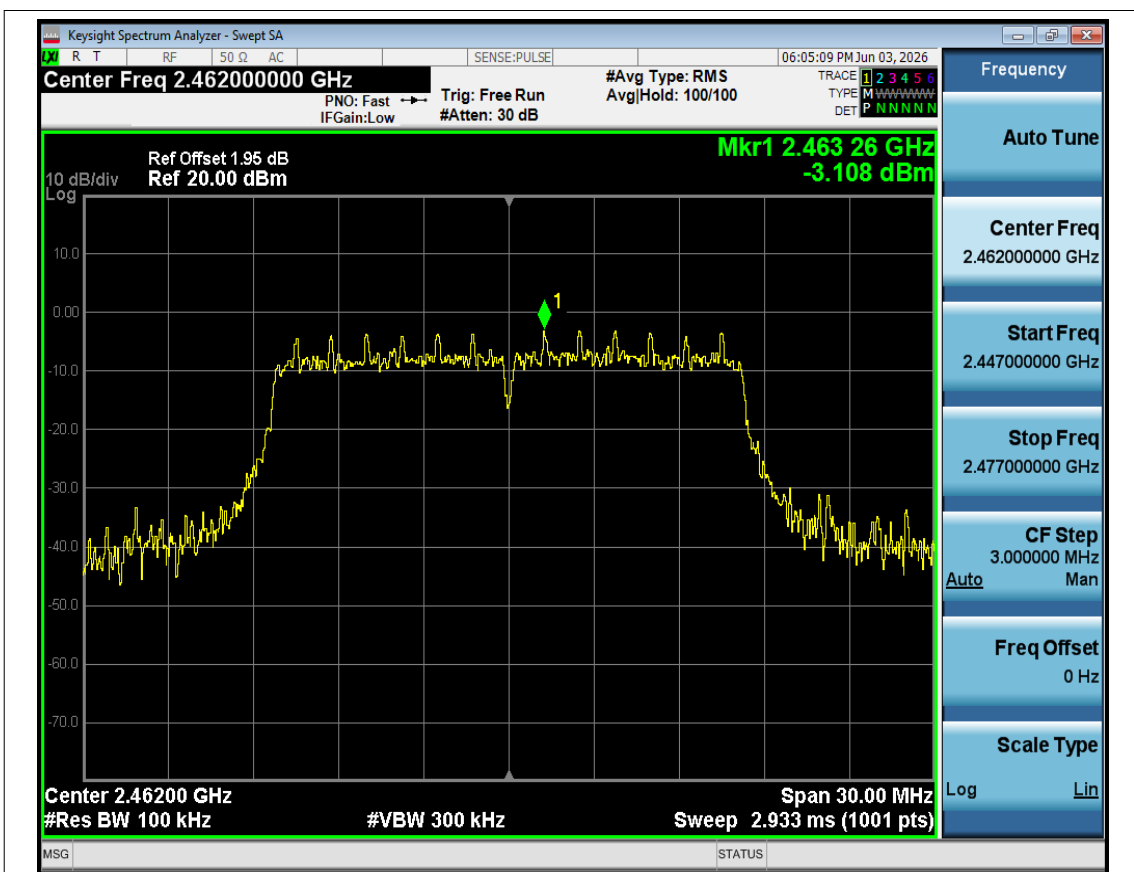
Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant1 Ref



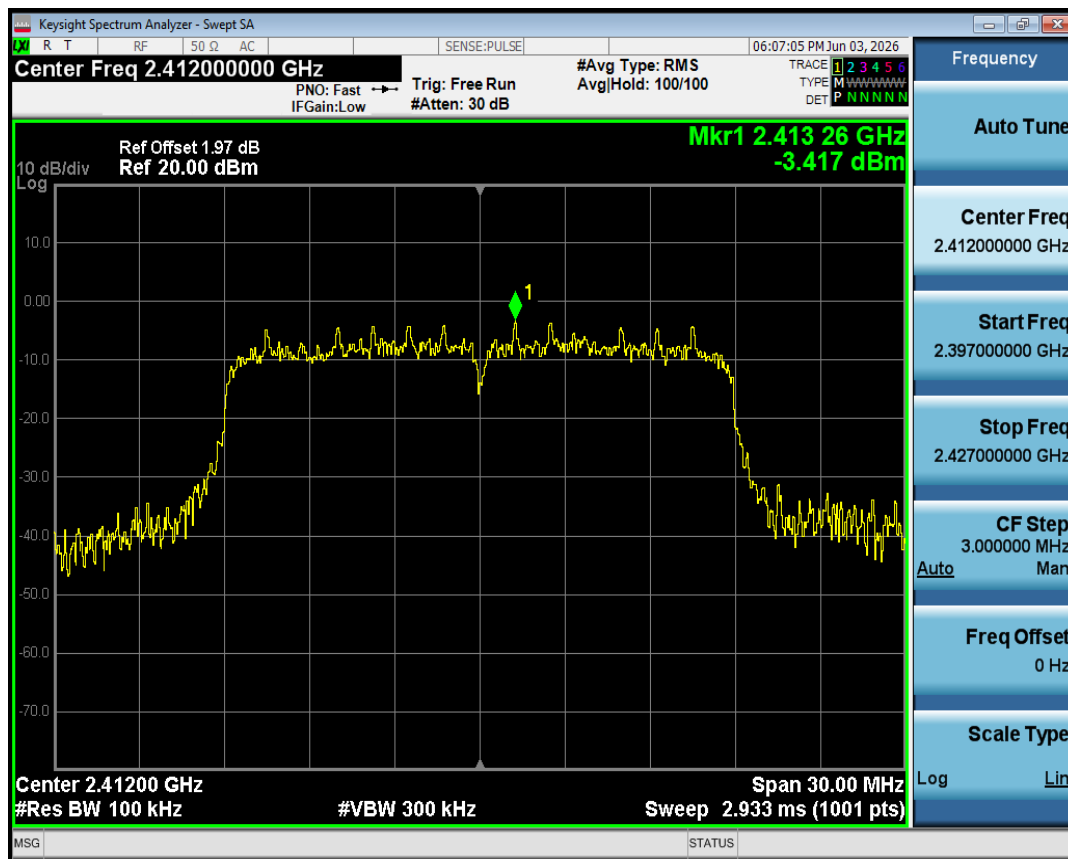
Band Edge NVNT g 2412MHz Ant1 Emission



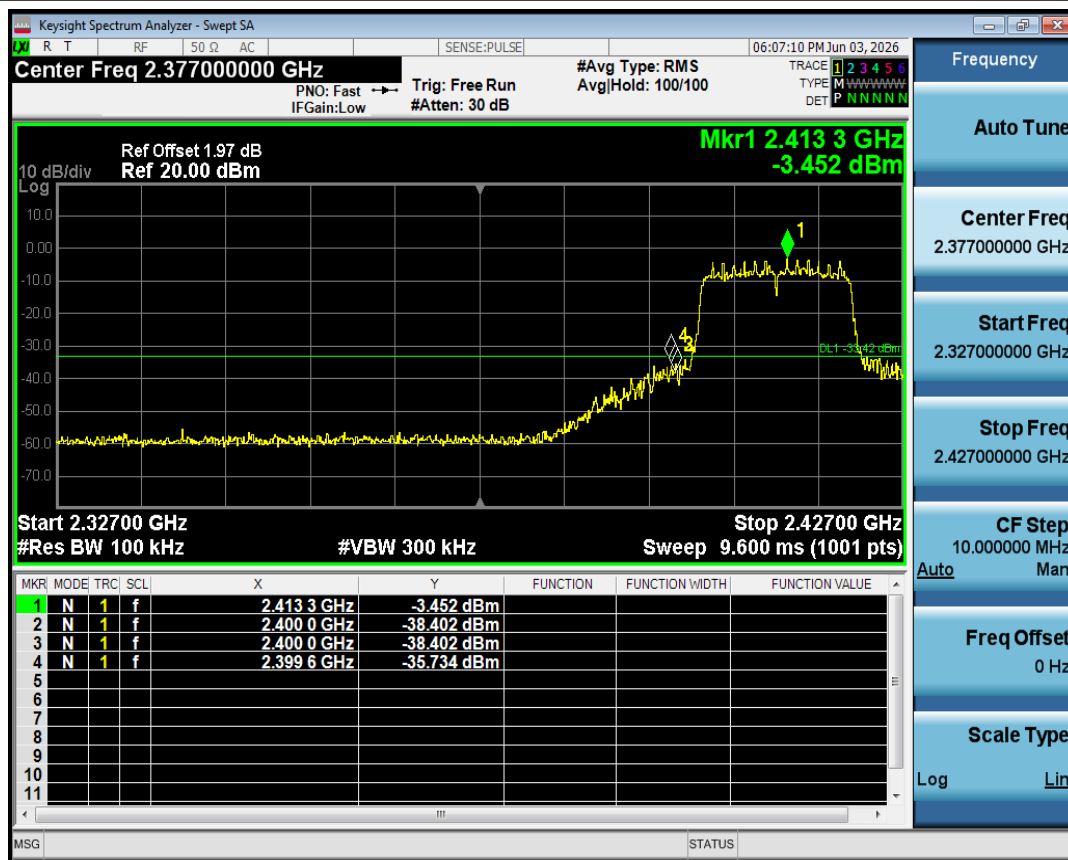
Band Edge NVNT g 2462MHz Ant1 Ref



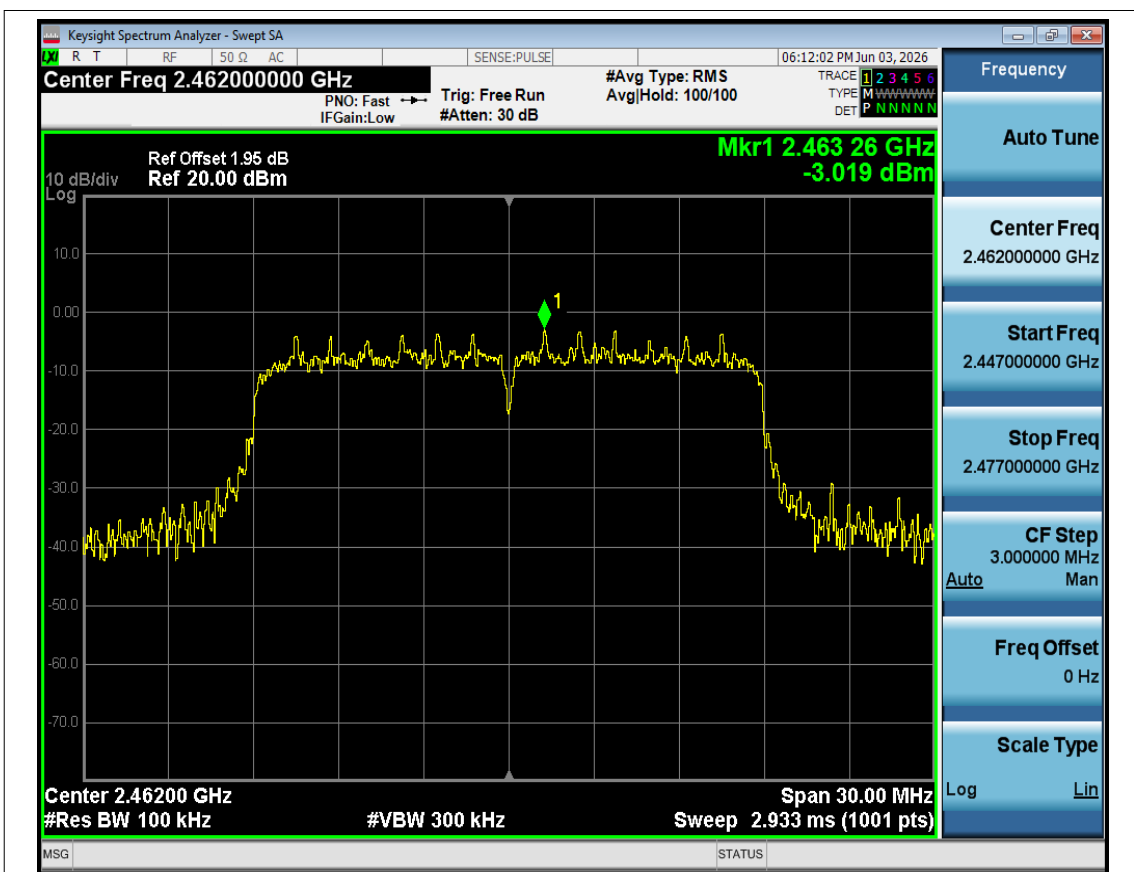
Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



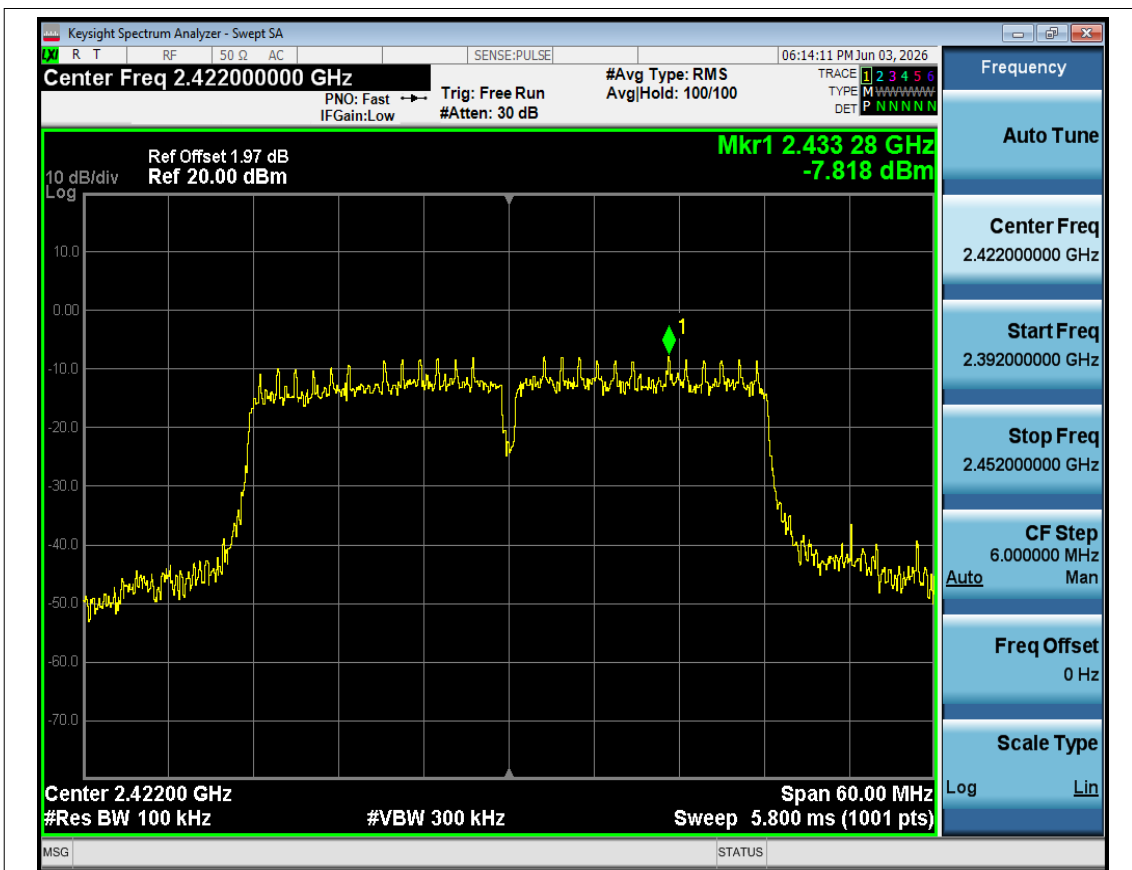
Band Edge NVNT n20 2412MHz Ant1 Emission



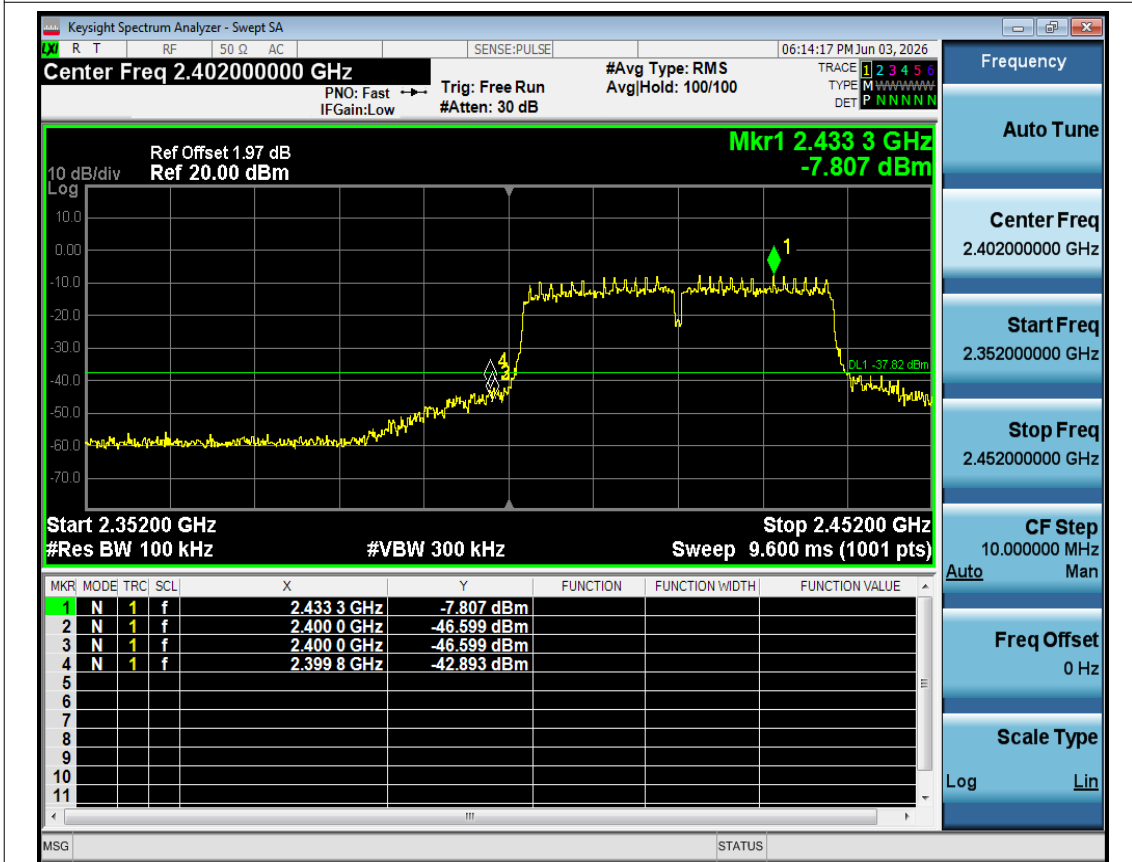
Band Edge NVNT n20 2462MHz Ant1 Ref



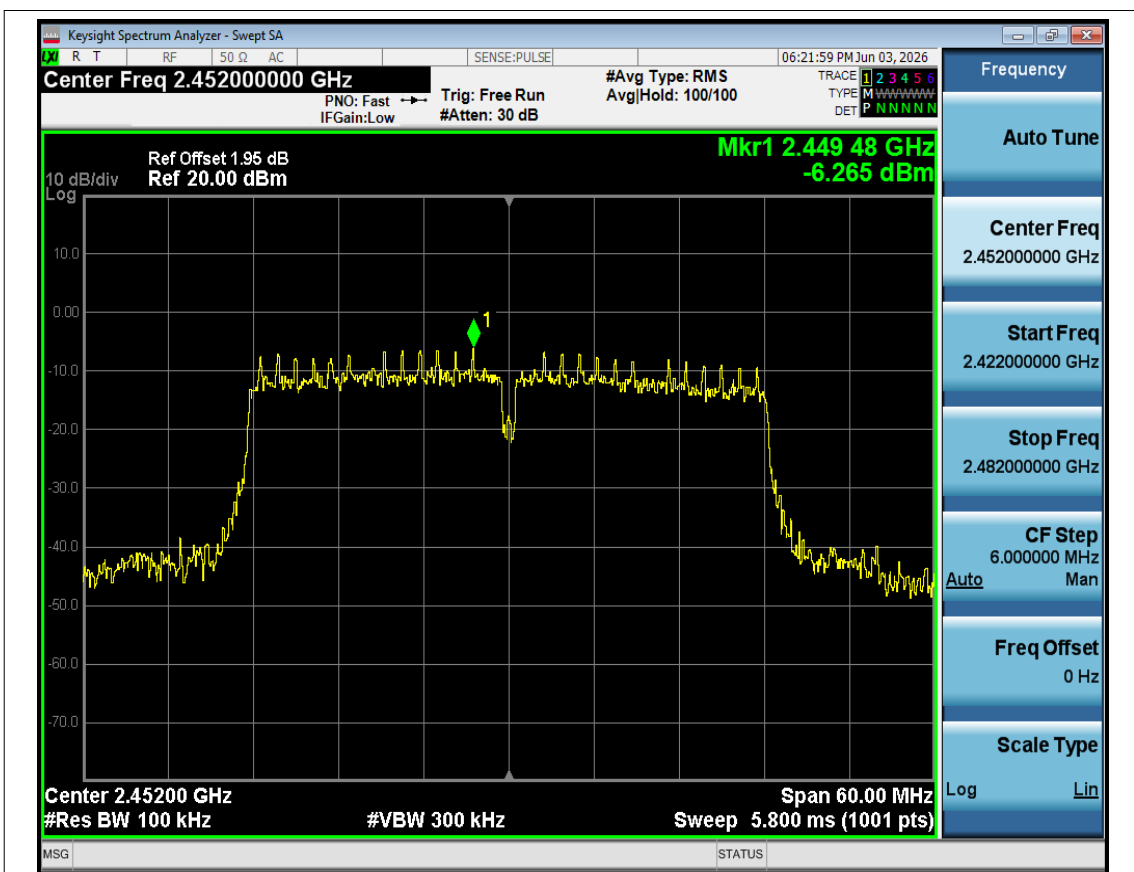
Band Edge NVNT n20 2462MHz Ant1 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



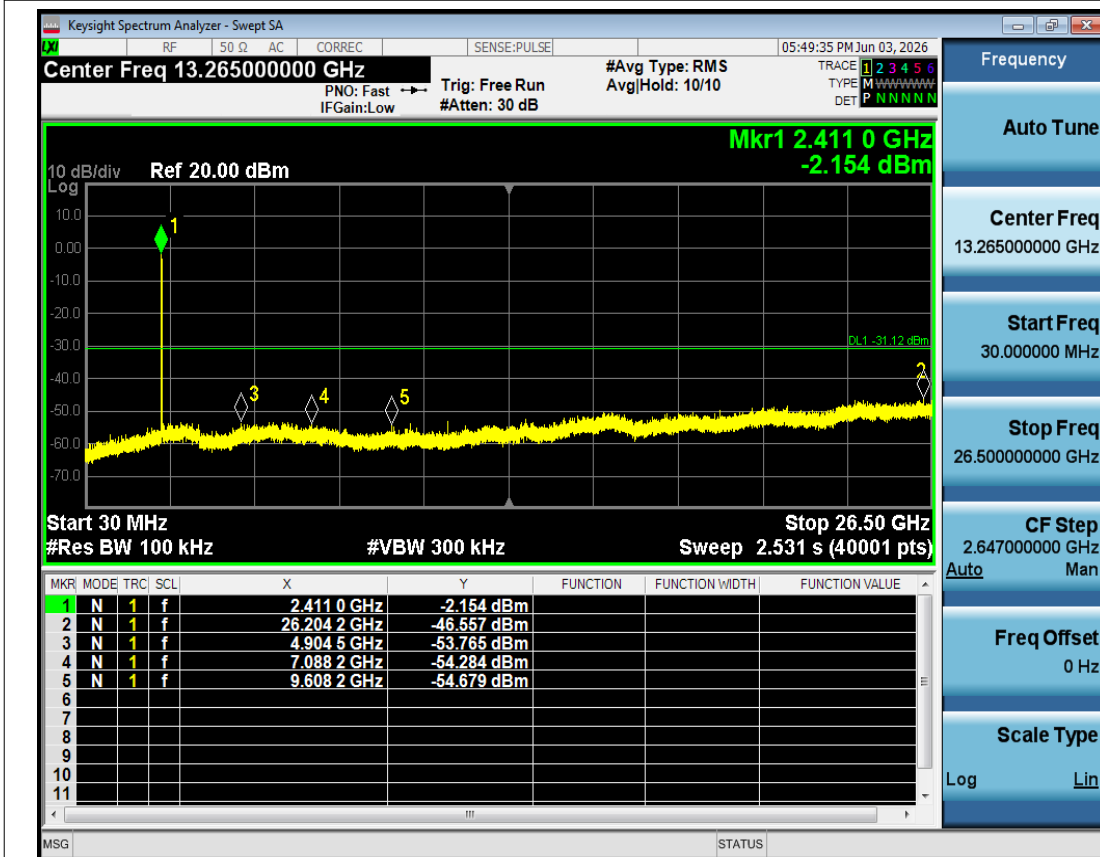
Band Edge NVNT n40 2452MHz Ant1 Emission

Conducted RF Spurious Emission

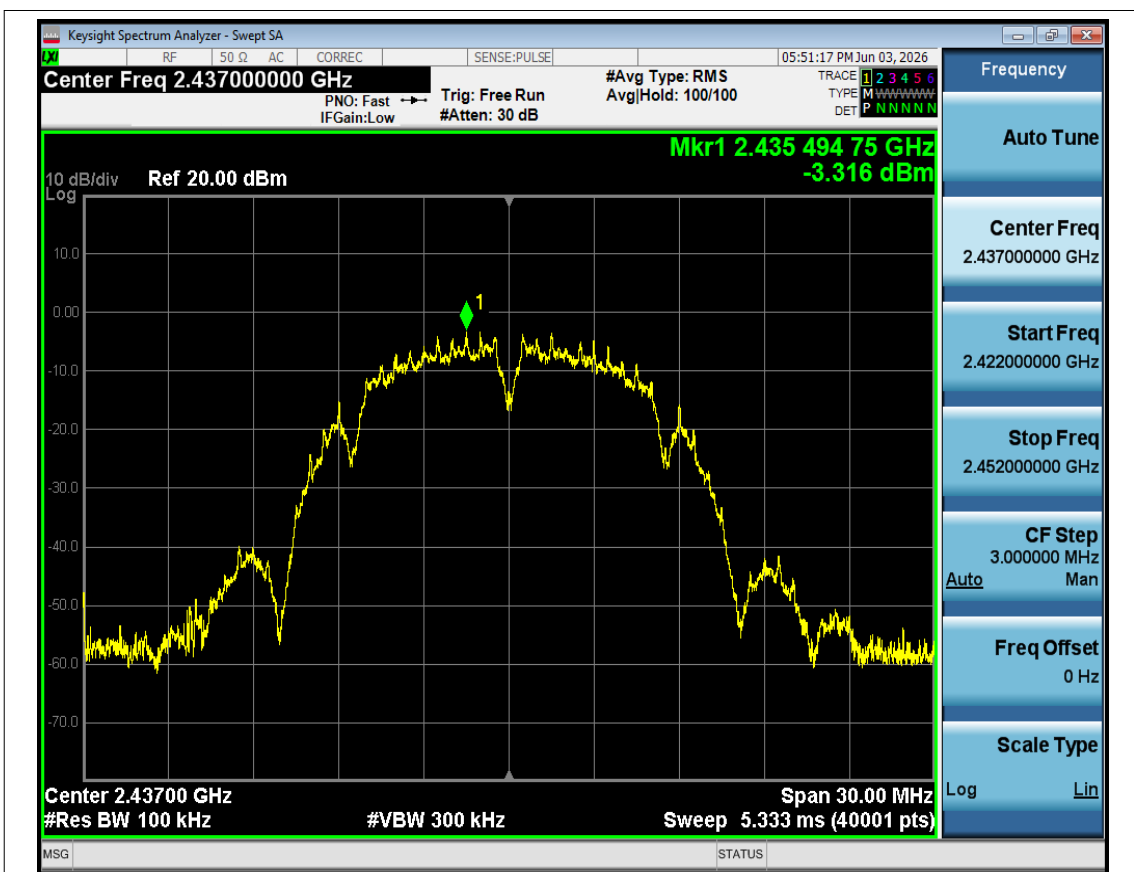
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-45.43	-30	Pass
NVNT	b	2437	Ant1	-42.78	-30	Pass
NVNT	b	2462	Ant1	-46.36	-30	Pass
NVNT	g	2412	Ant1	-42.3	-30	Pass
NVNT	g	2437	Ant1	-40.26	-30	Pass
NVNT	g	2462	Ant1	-42.78	-30	Pass
NVNT	n20	2412	Ant1	-43.02	-30	Pass
NVNT	n20	2437	Ant1	-40.08	-30	Pass
NVNT	n20	2462	Ant1	-43.25	-30	Pass
NVNT	n40	2422	Ant1	-38.03	-30	Pass
NVNT	n40	2437	Ant1	-39.16	-30	Pass
NVNT	n40	2452	Ant1	-40.05	-30	Pass



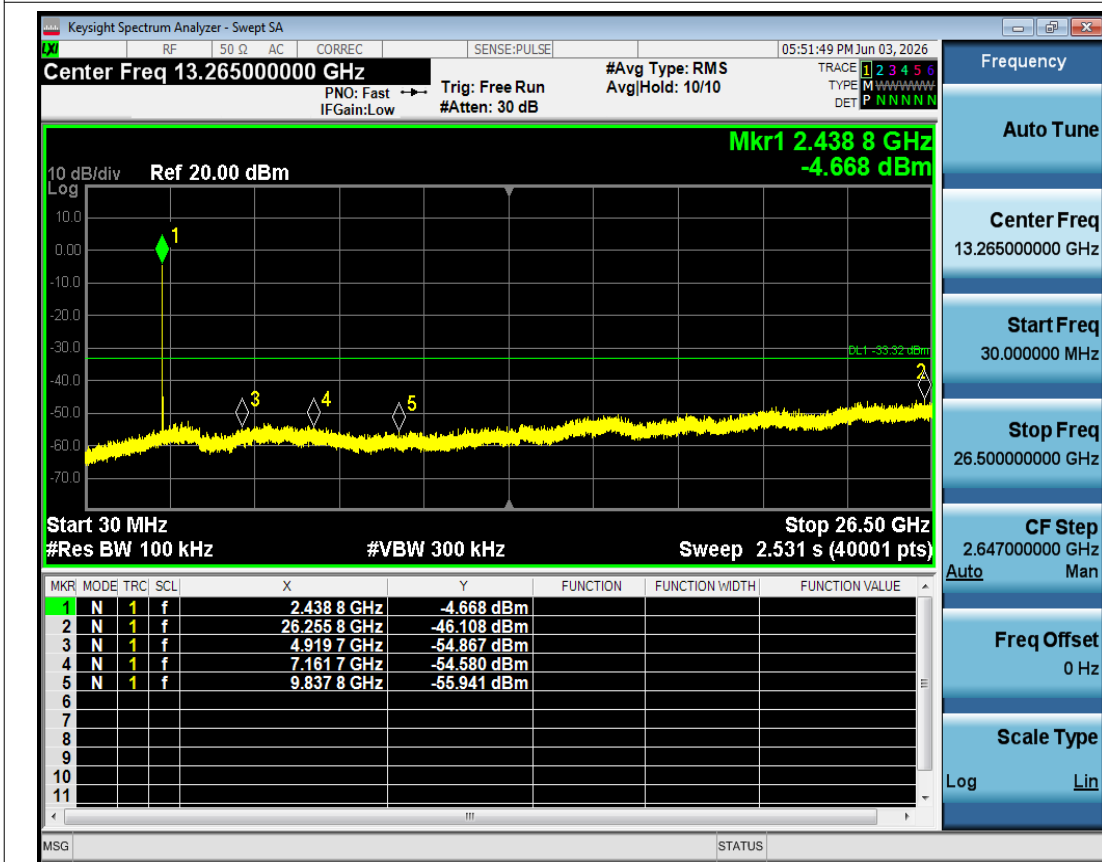
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



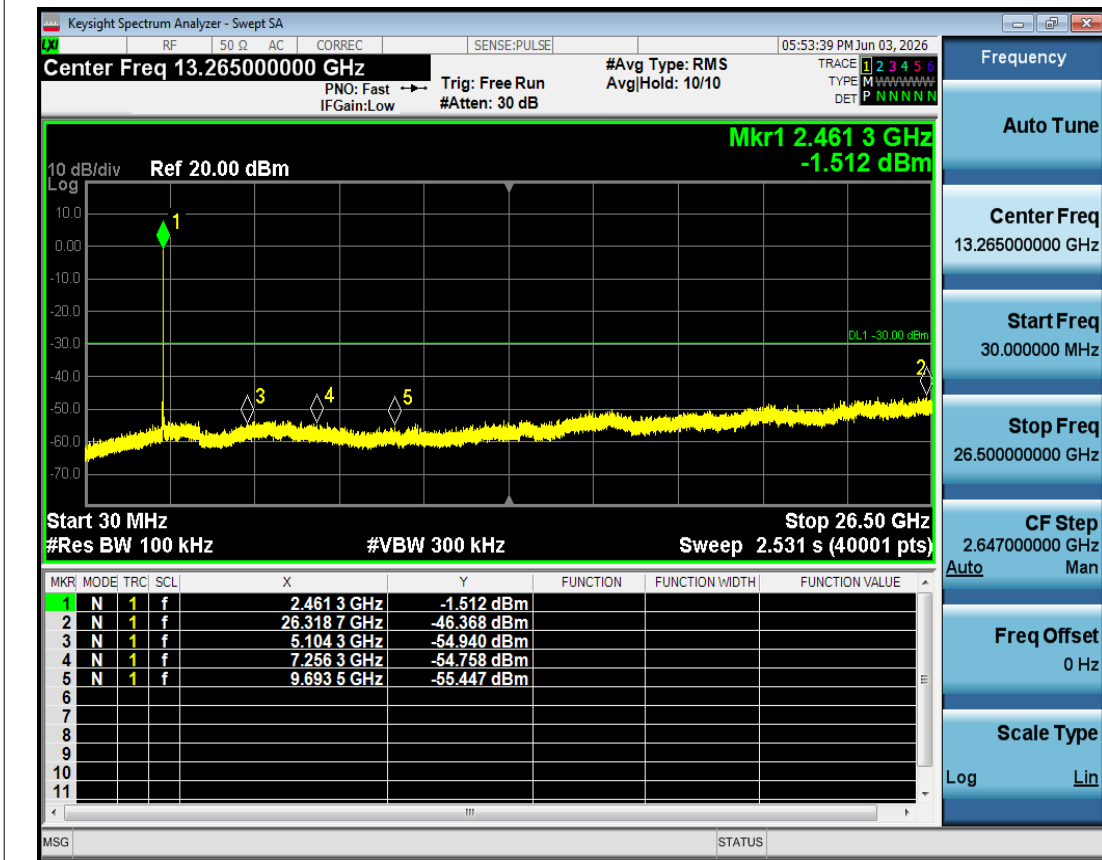
Tx. Spurious NVNT b 2437MHz Ant1 Ref



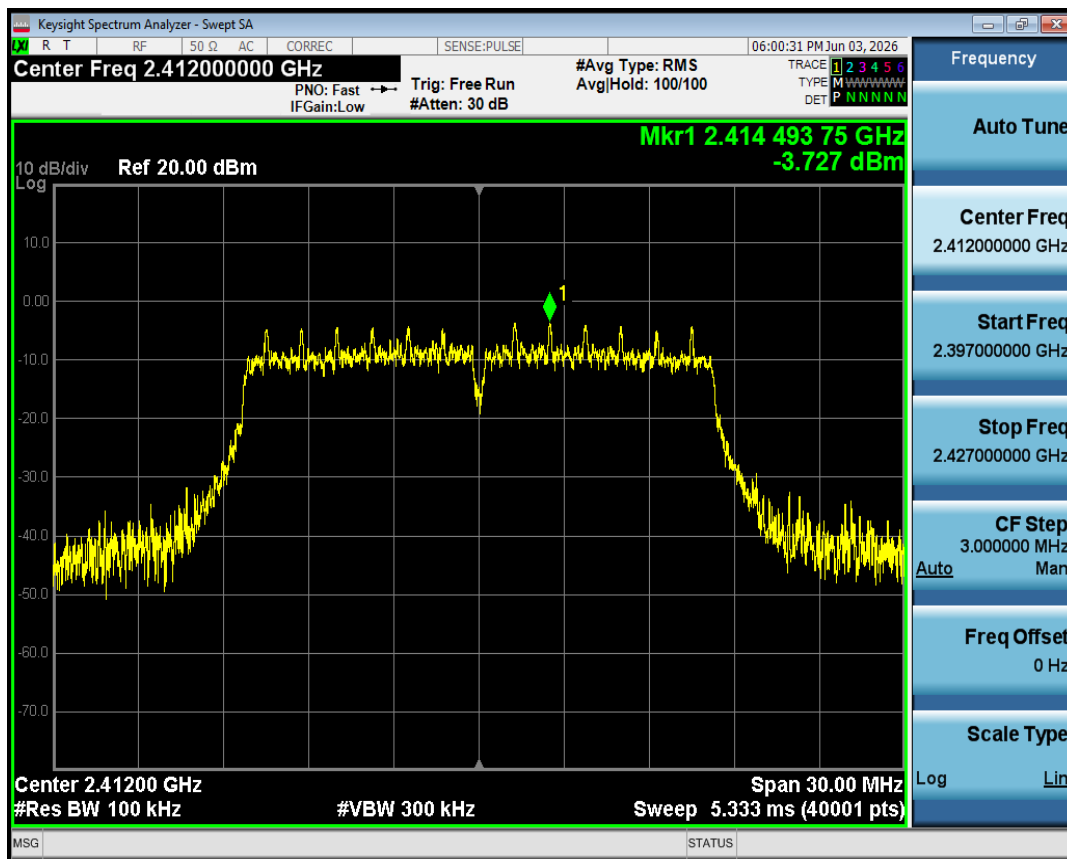
Tx. Spurious NVNT b 2437MHz Ant1 Emission



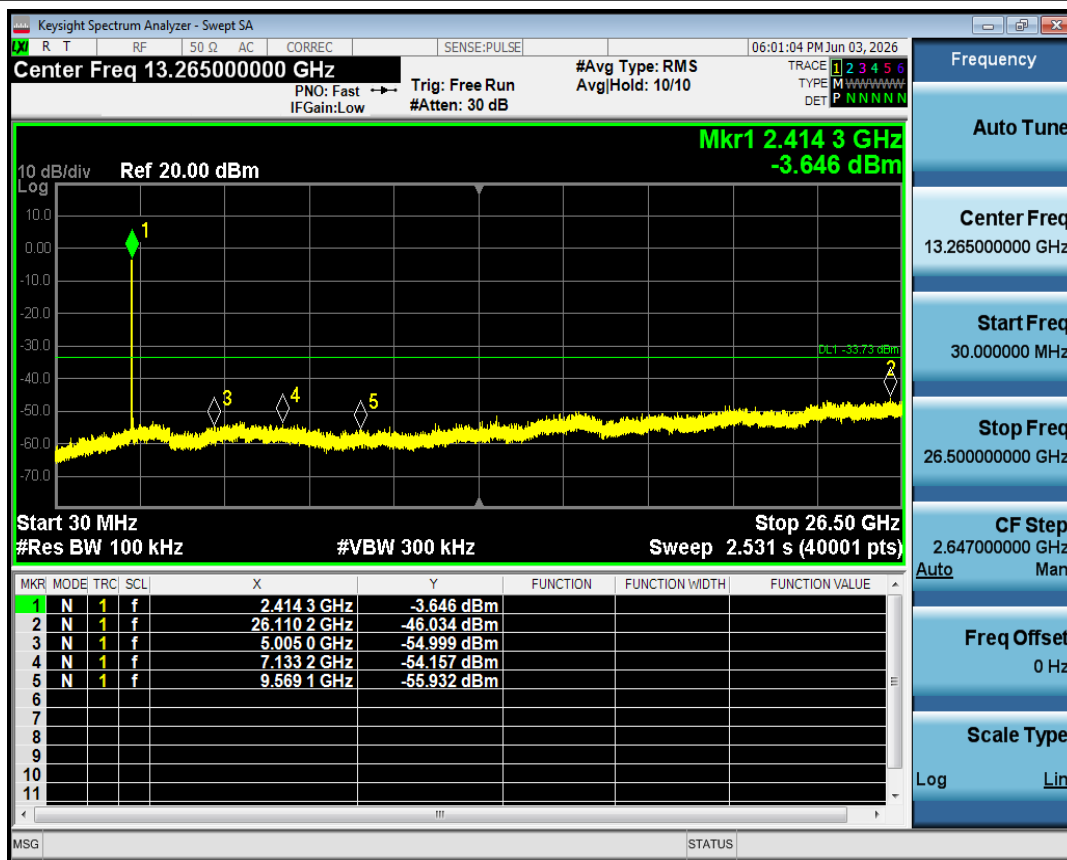
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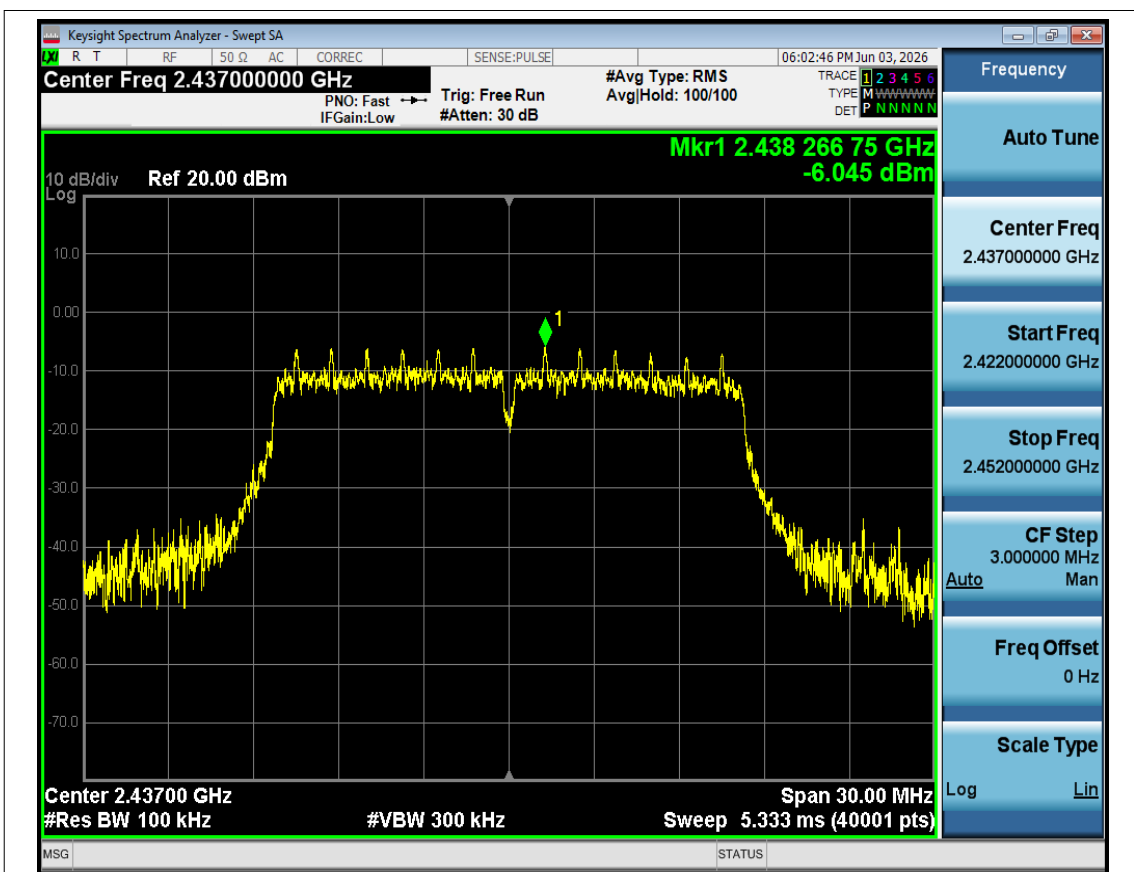
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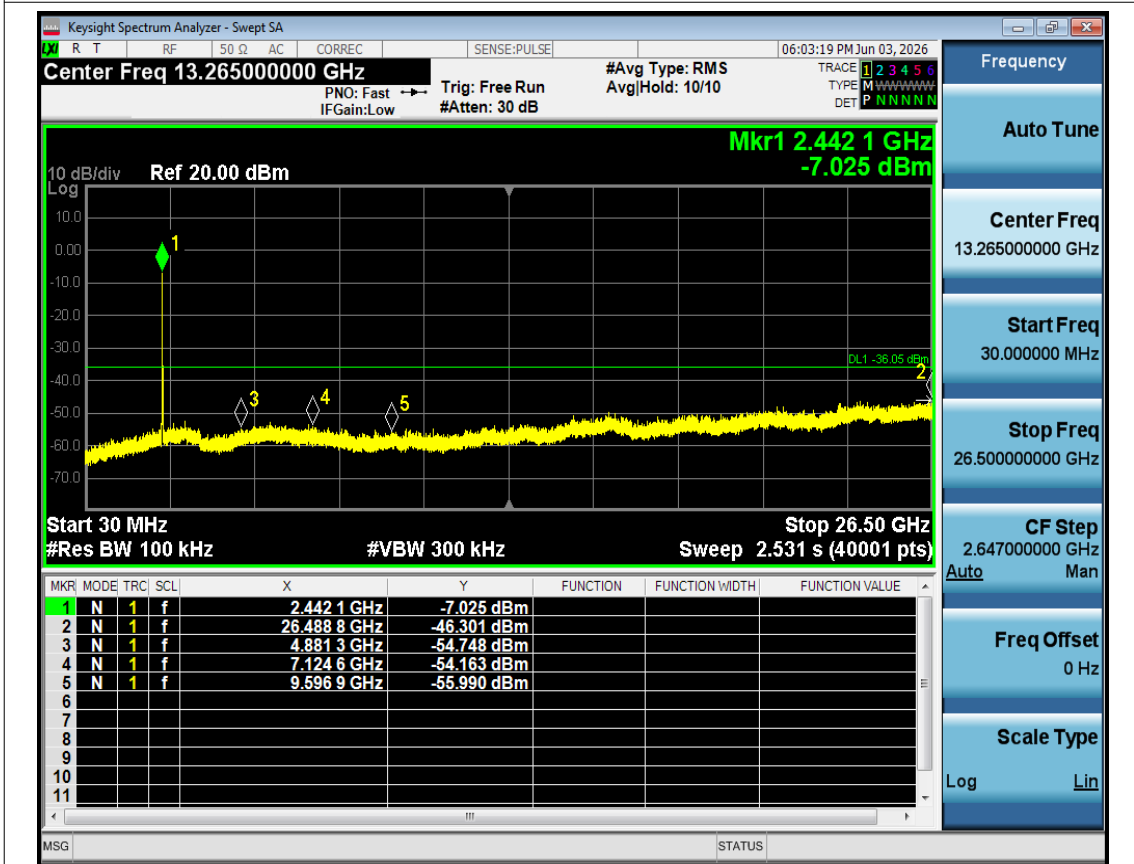
Tx. Spurious NVNT g 2412MHz Ant1 Ref



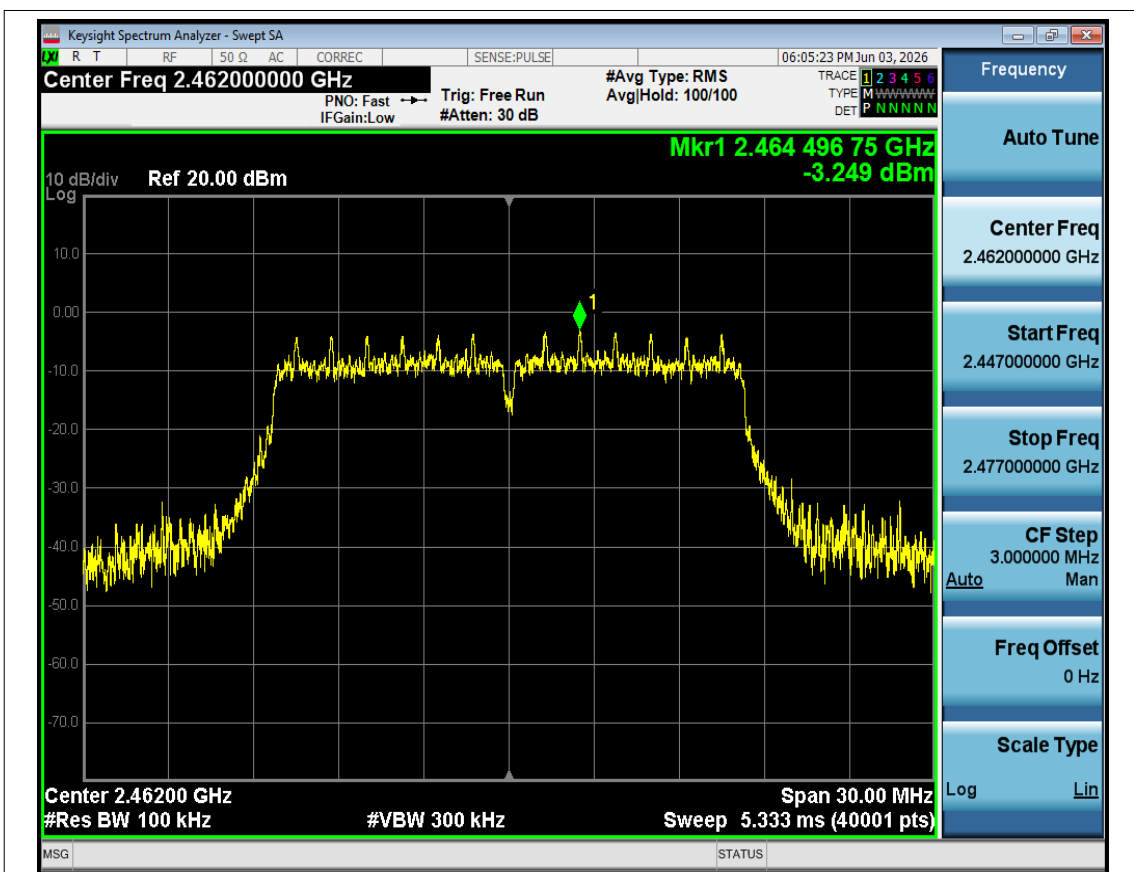
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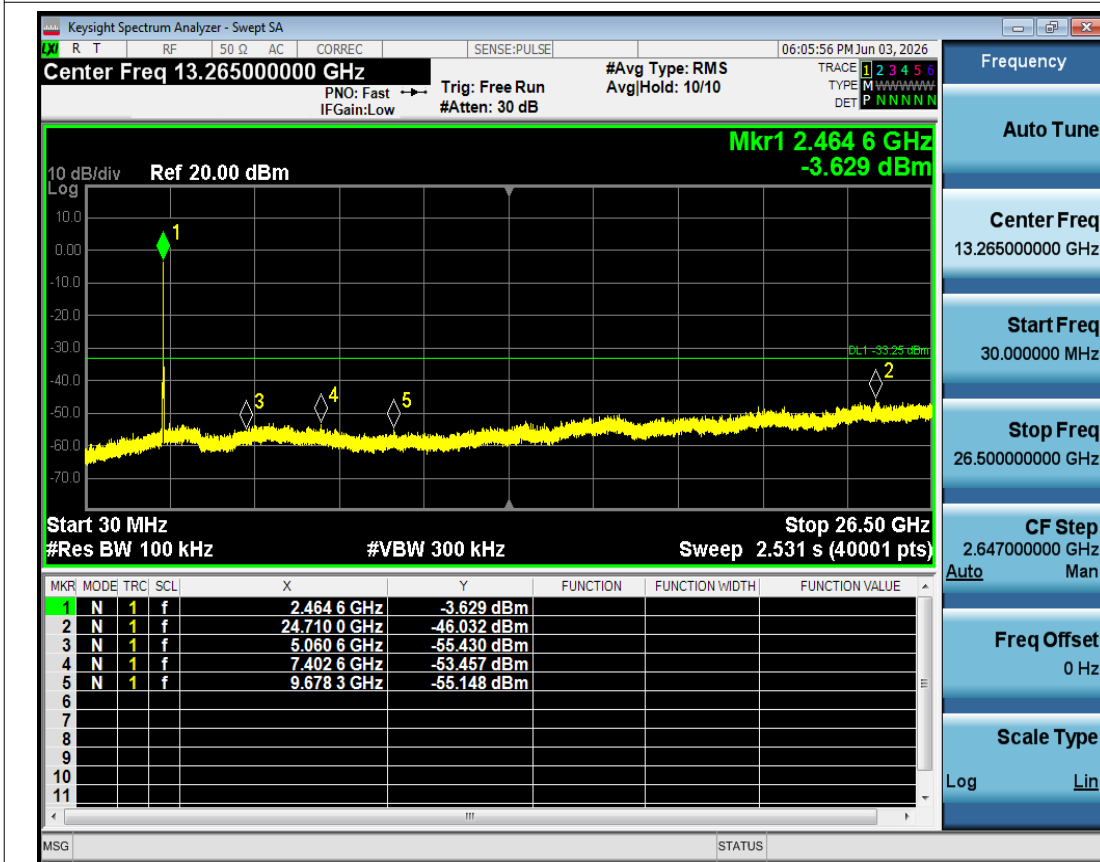
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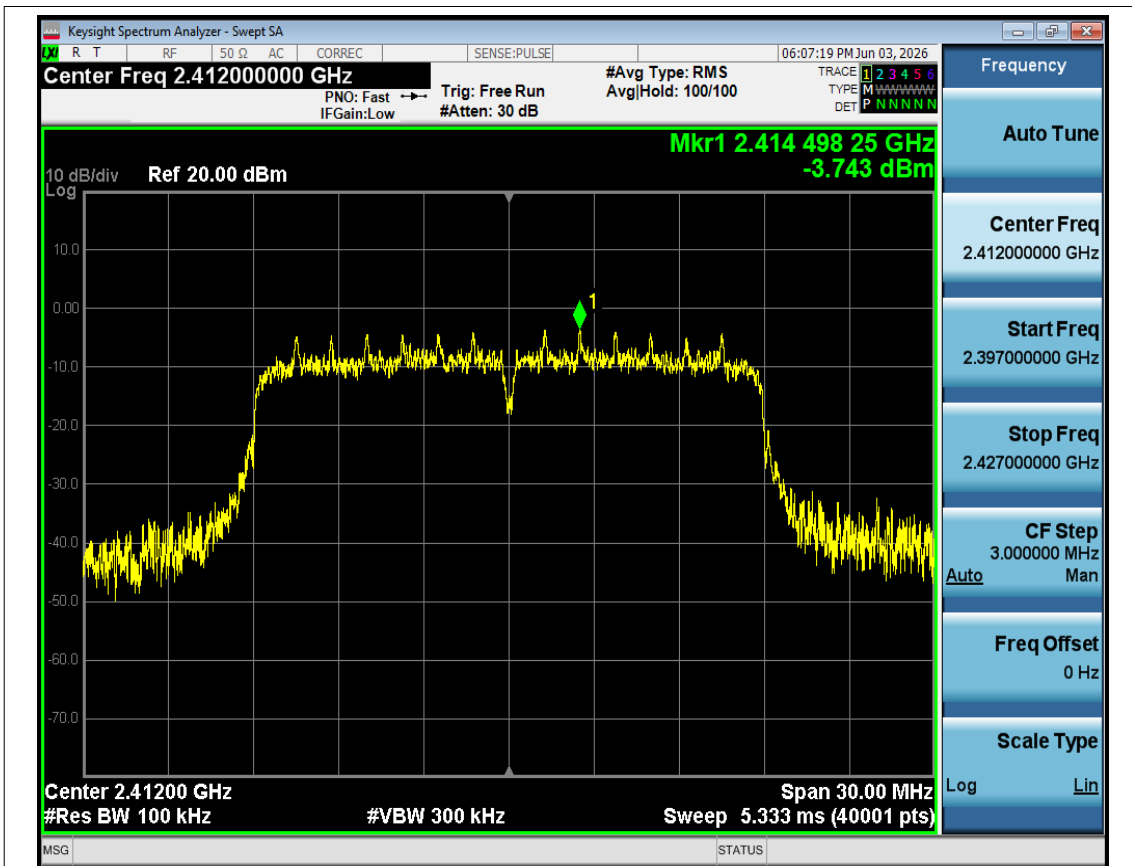
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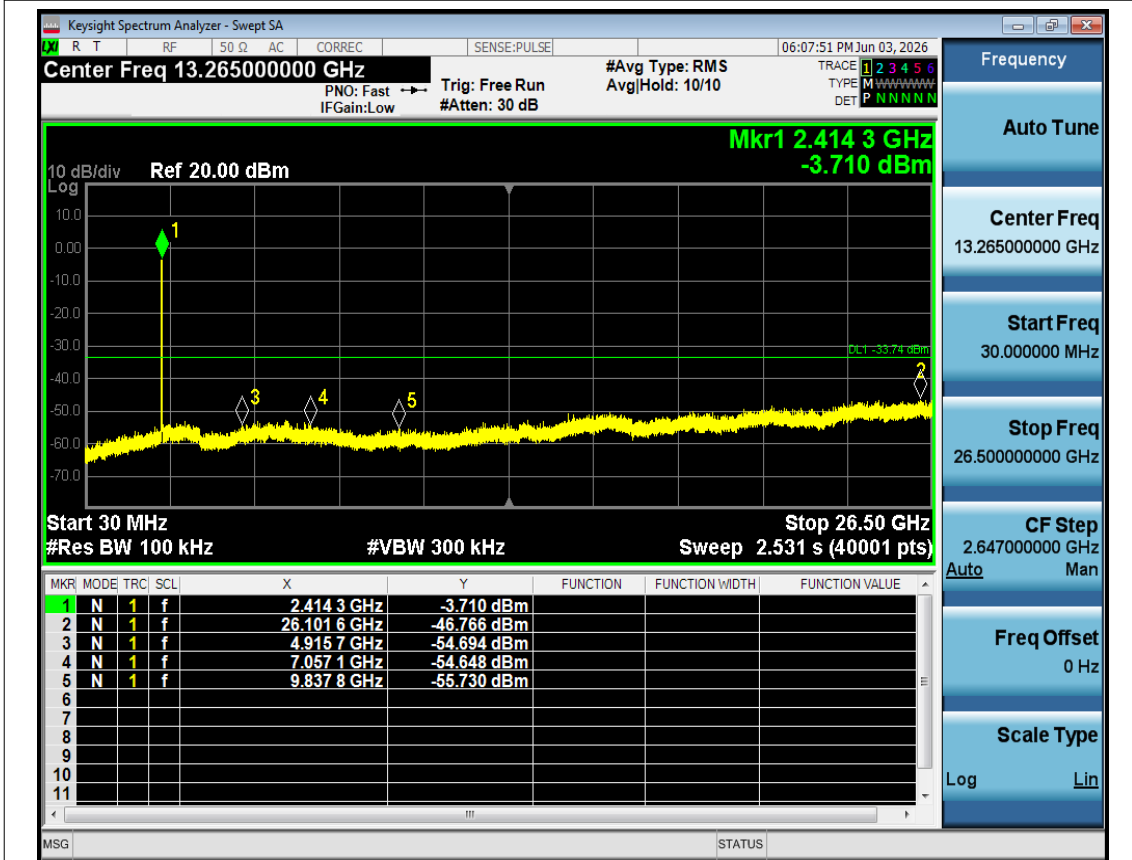
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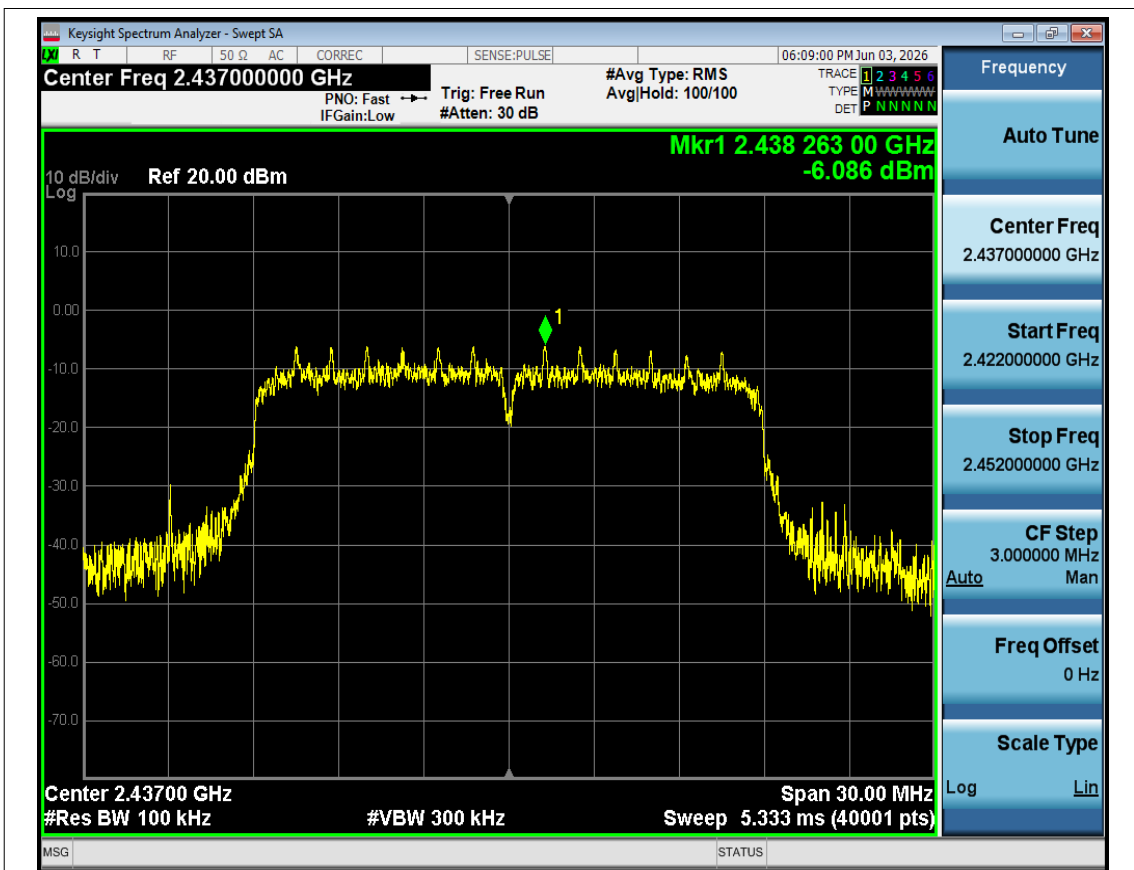
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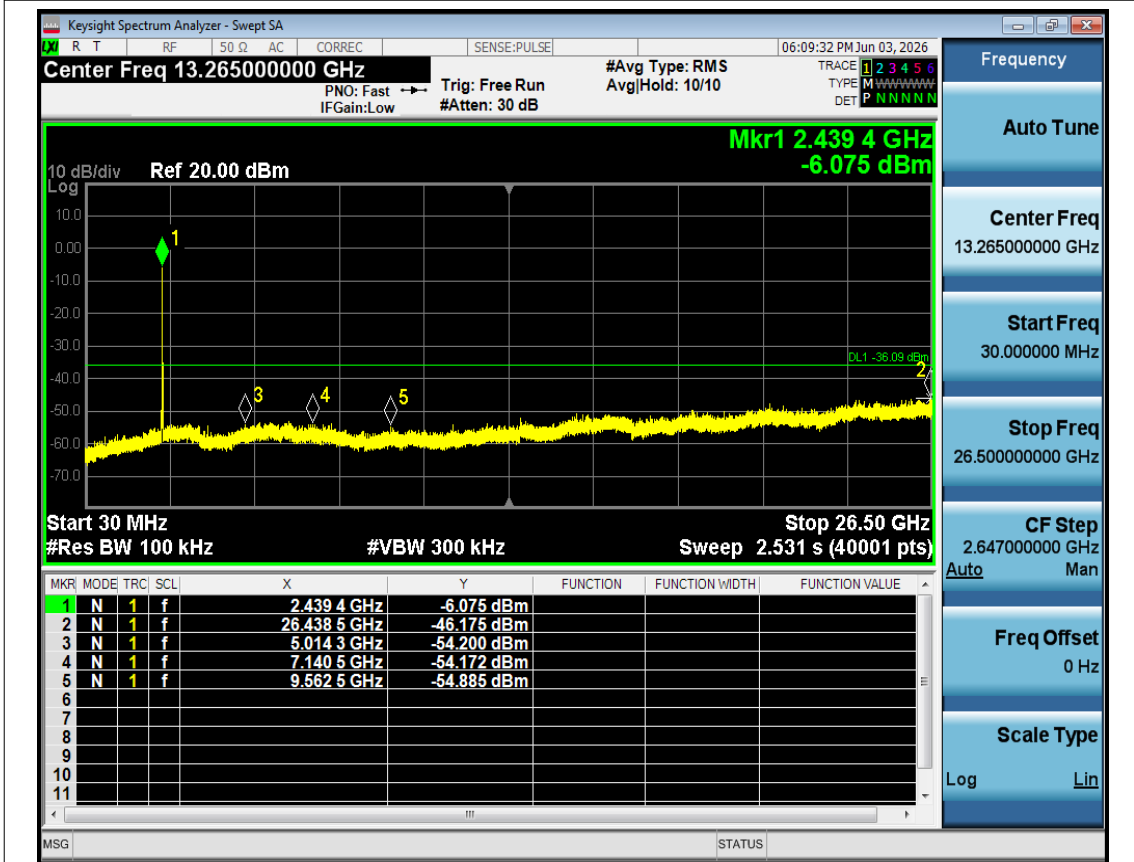
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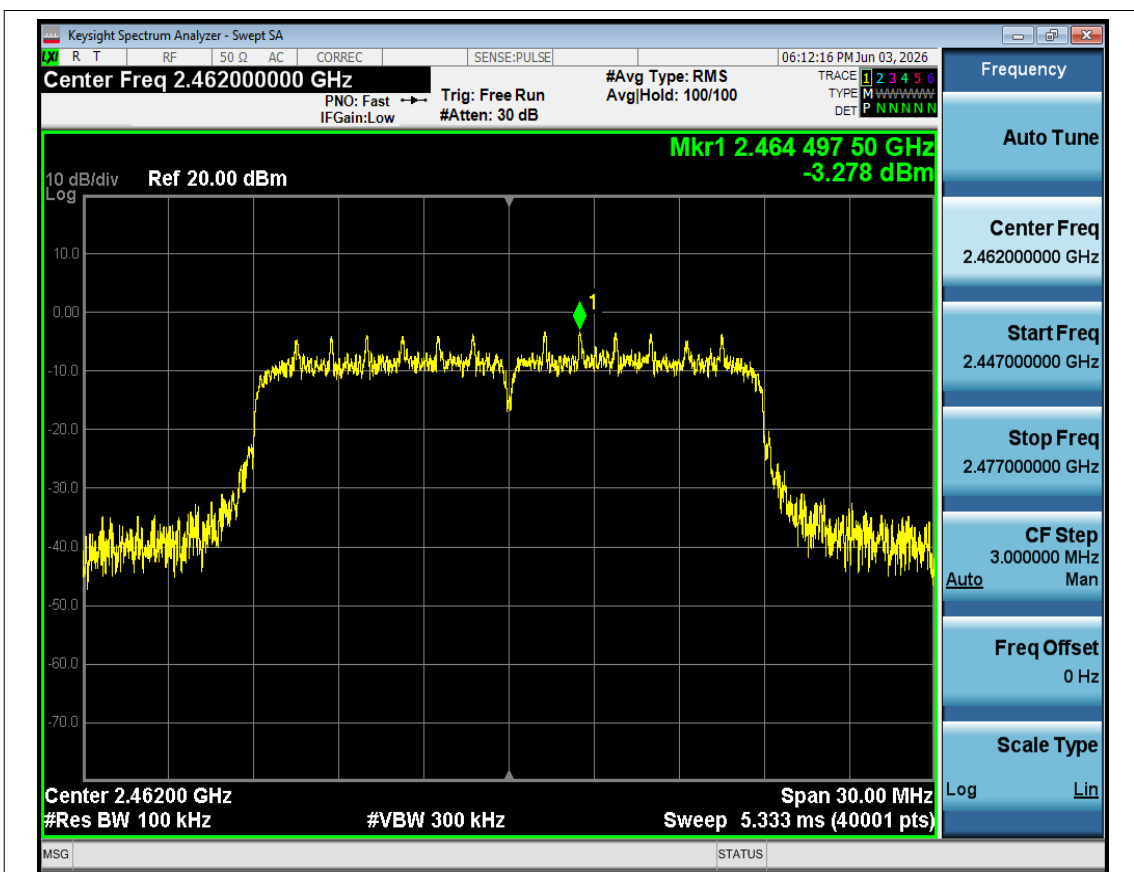
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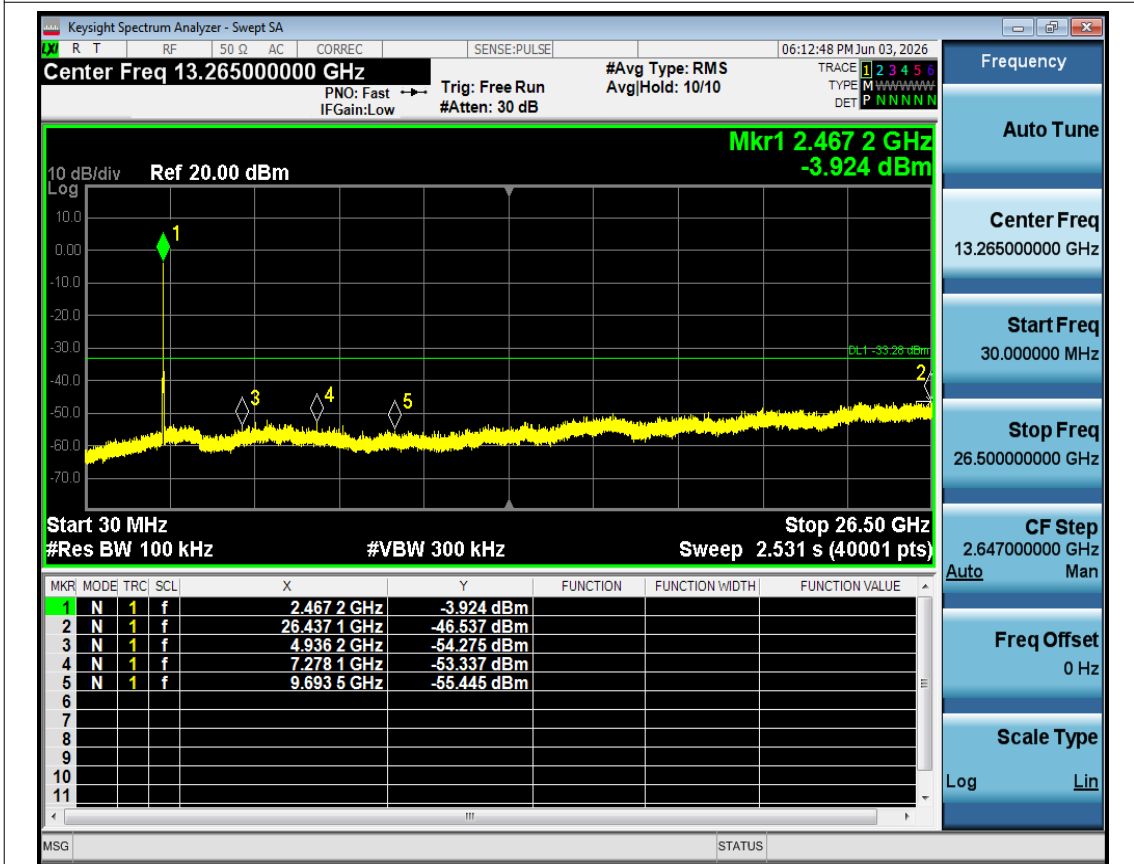
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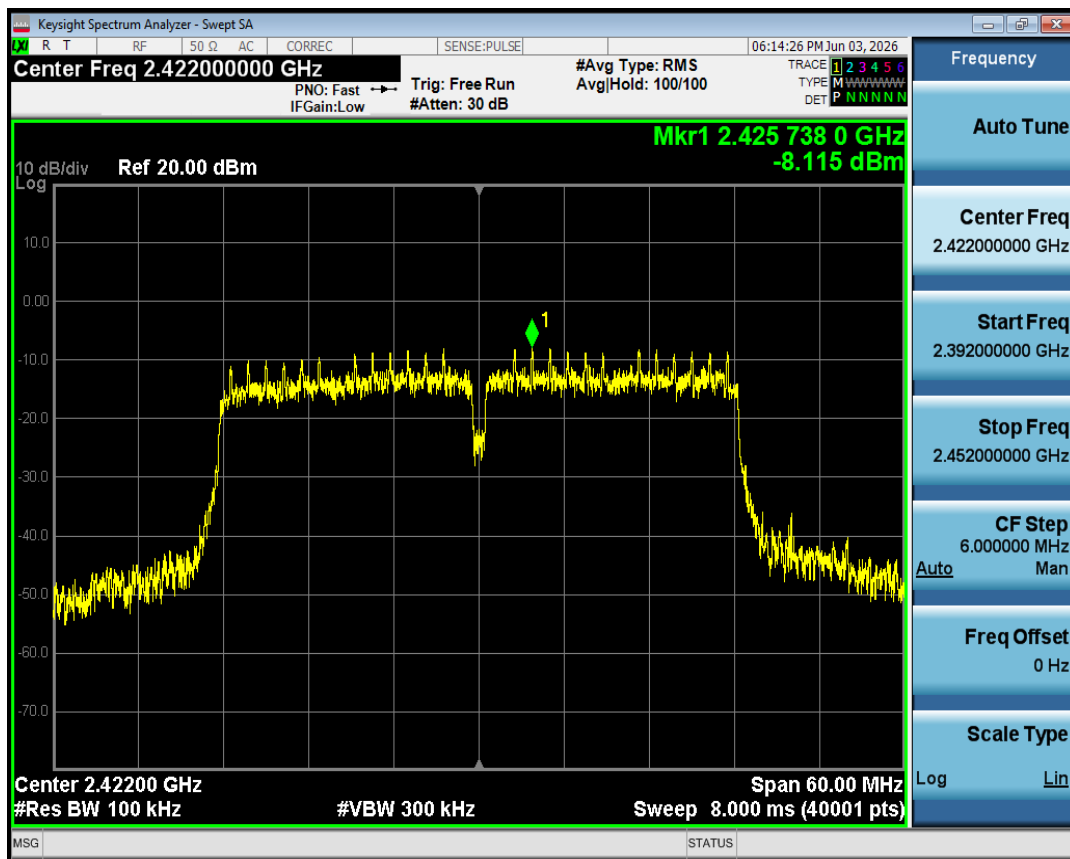
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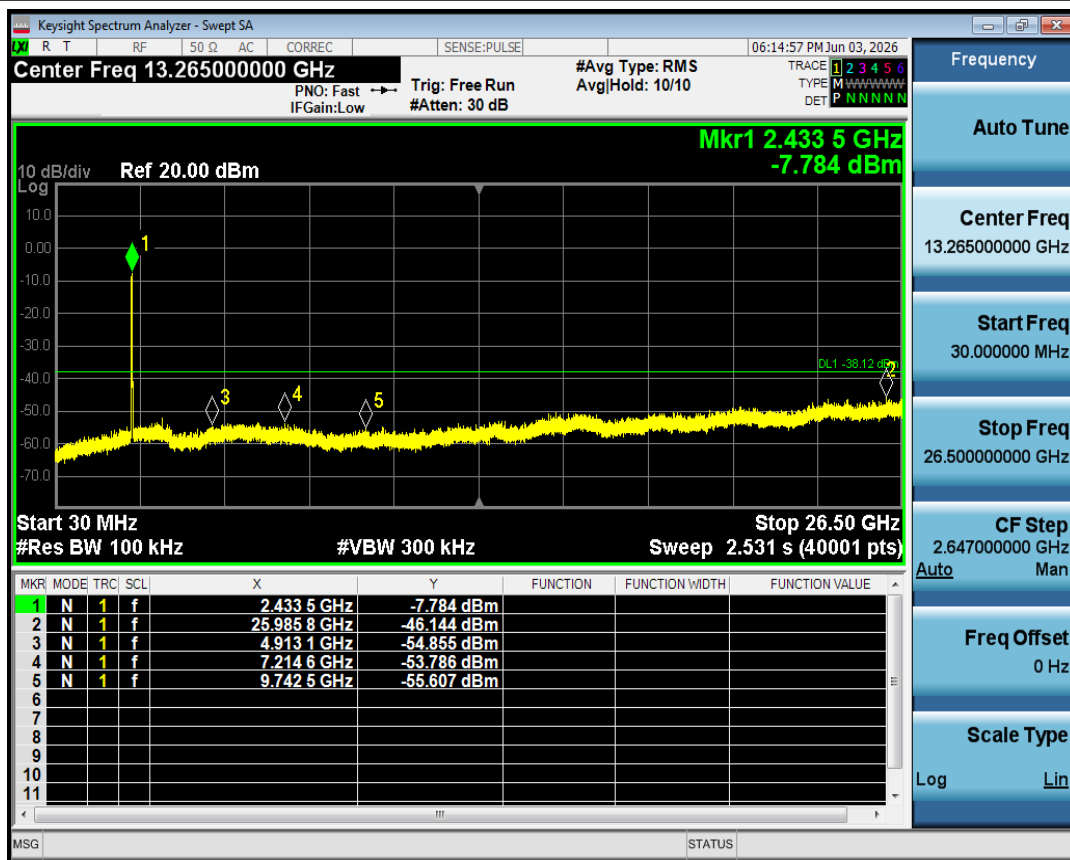
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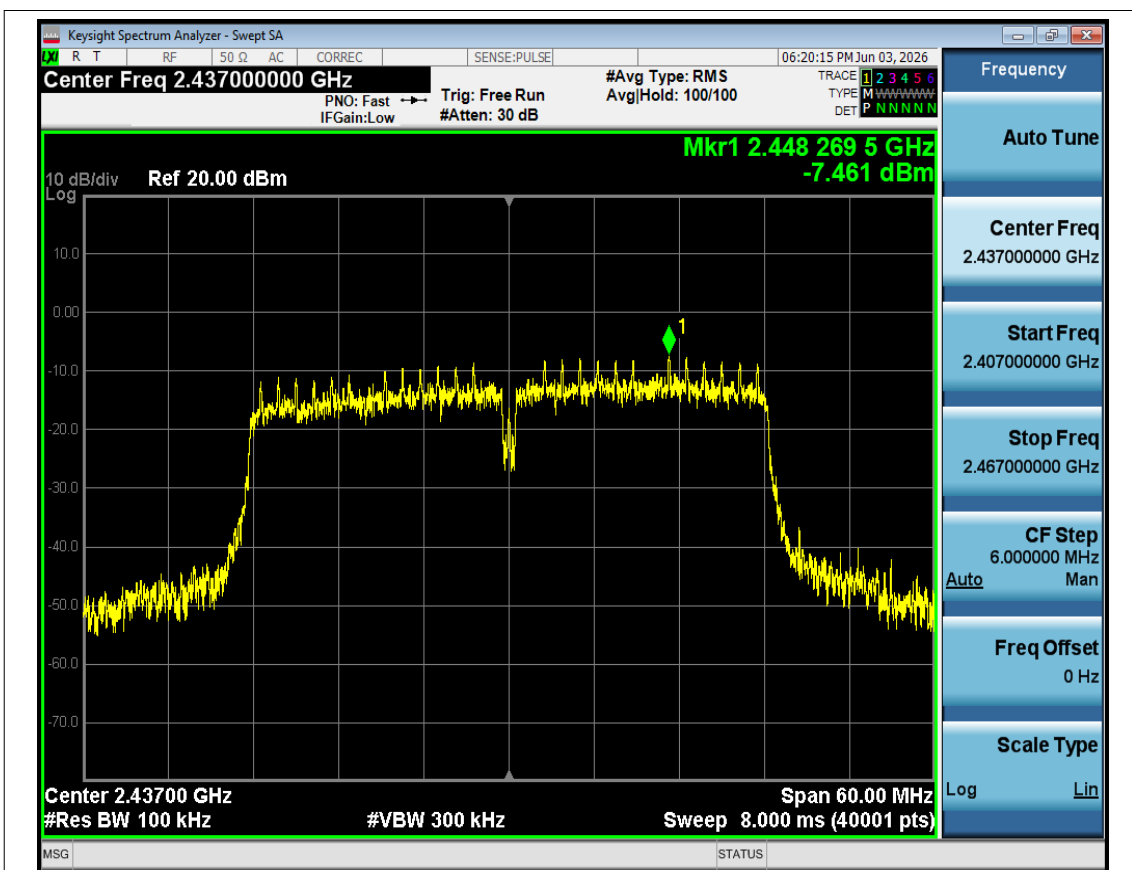
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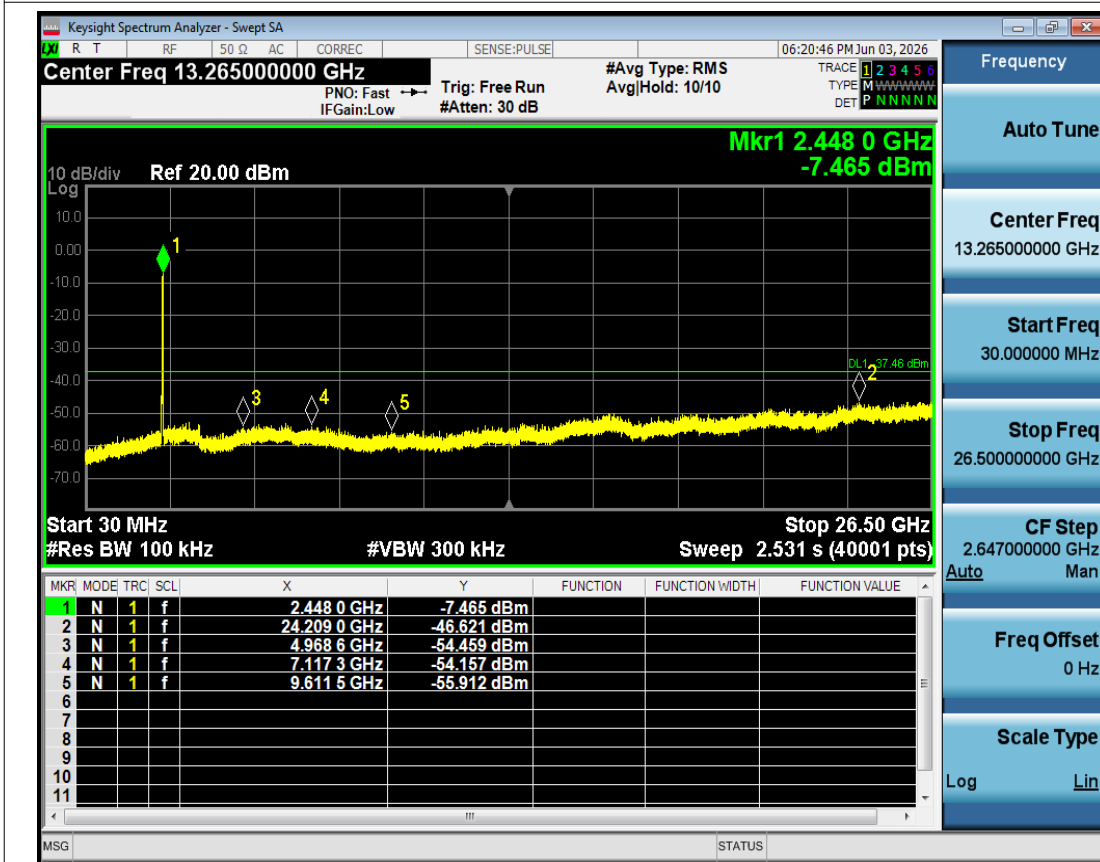
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



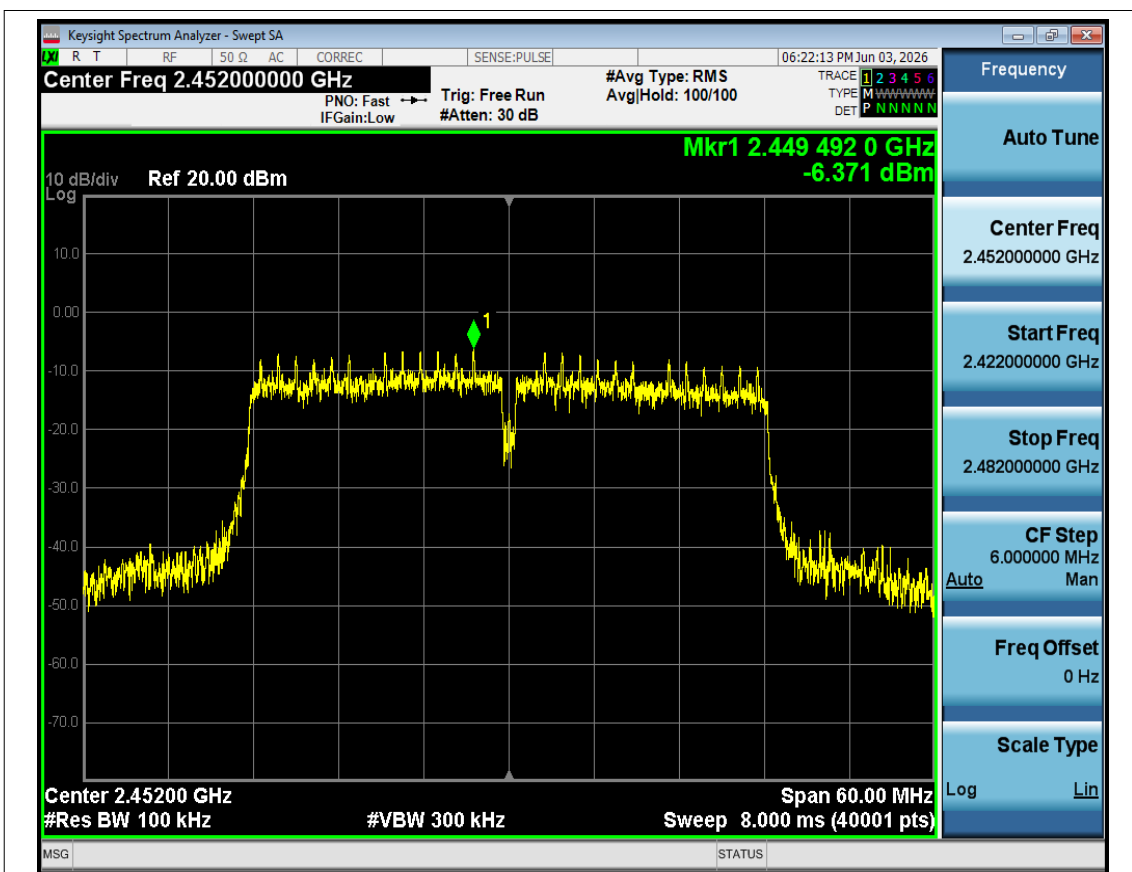
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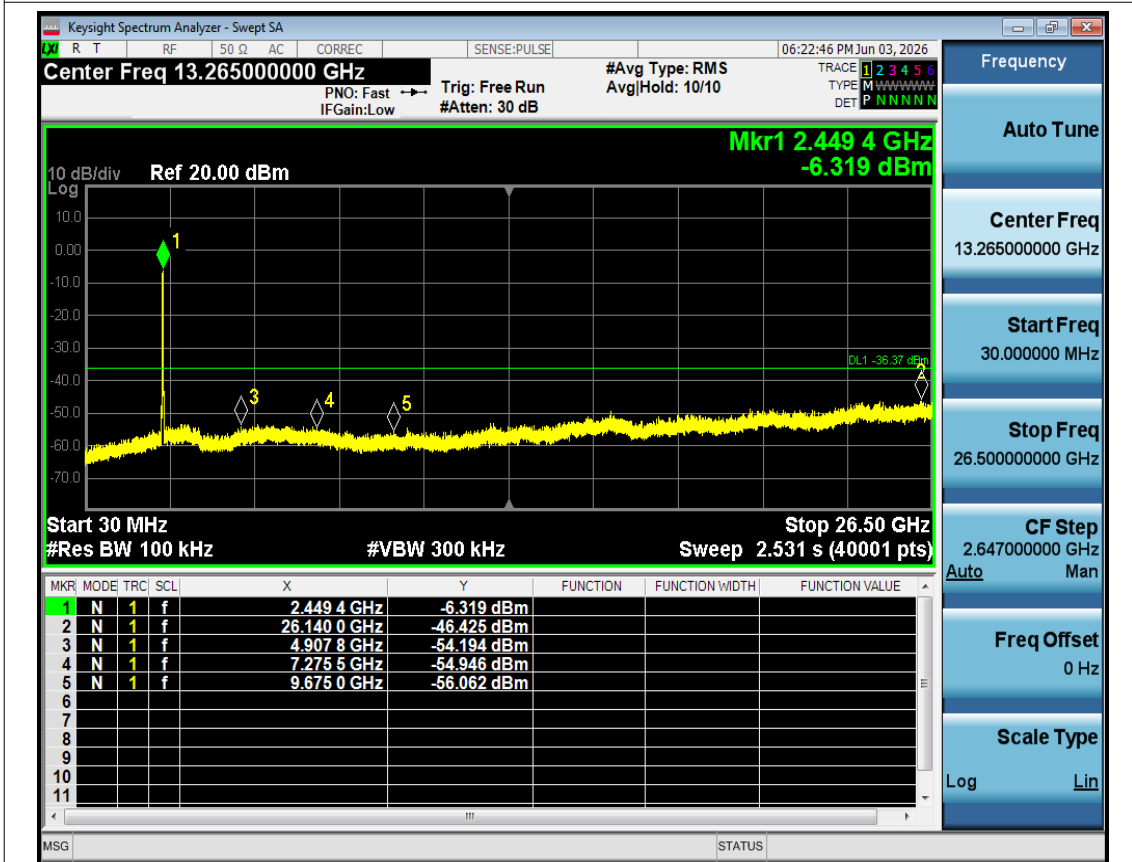
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission