

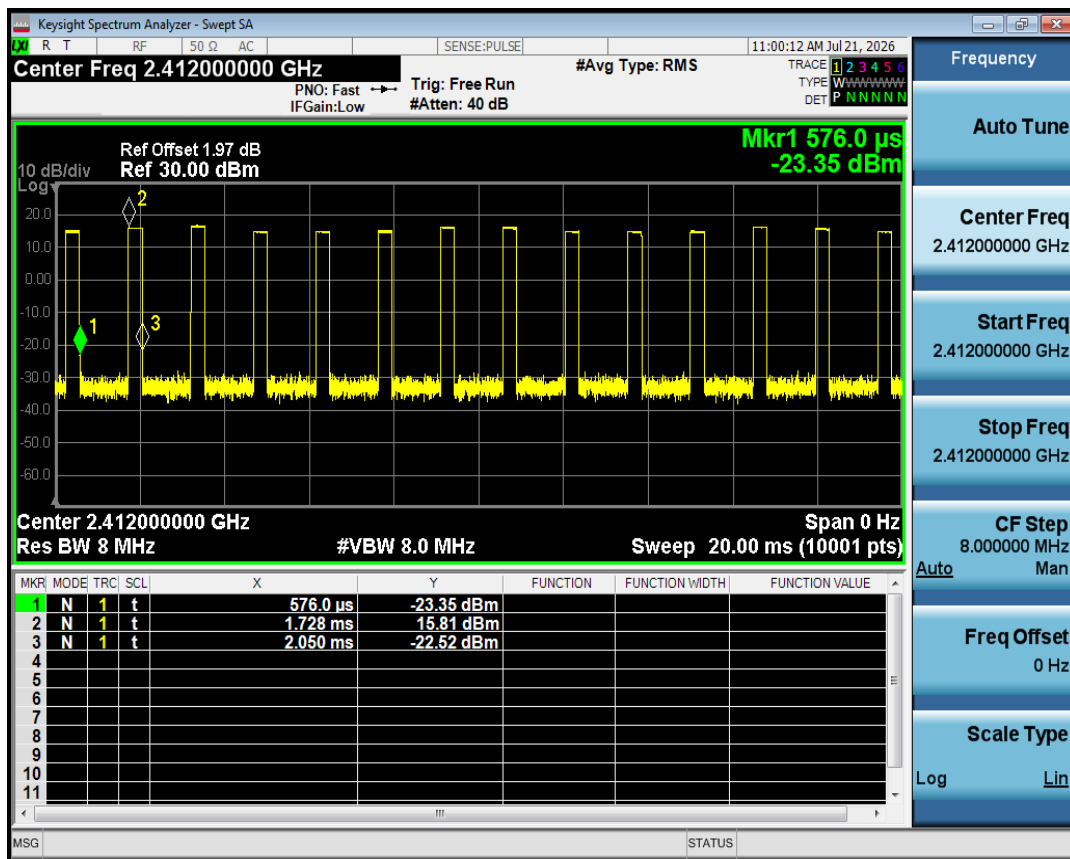
RF Test Data

FCC ID:2BXFV-F19

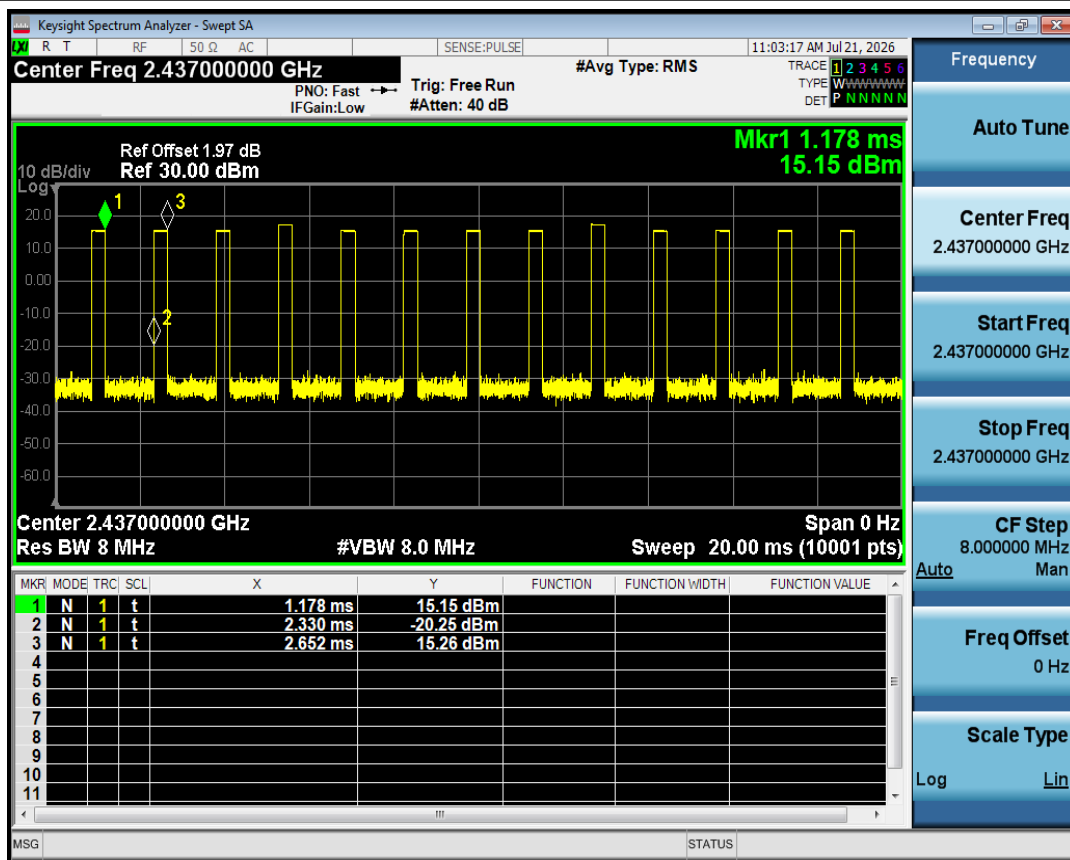
Duty Cycle	2
Maximum Average Conducted Output Power	9
-6dB Bandwidth	16
Occupied Channel Bandwidth	23
Maximum Power Spectral Density Level	30
Band Edge	37
Conducted RF Spurious Emission	46

Duty Cycle

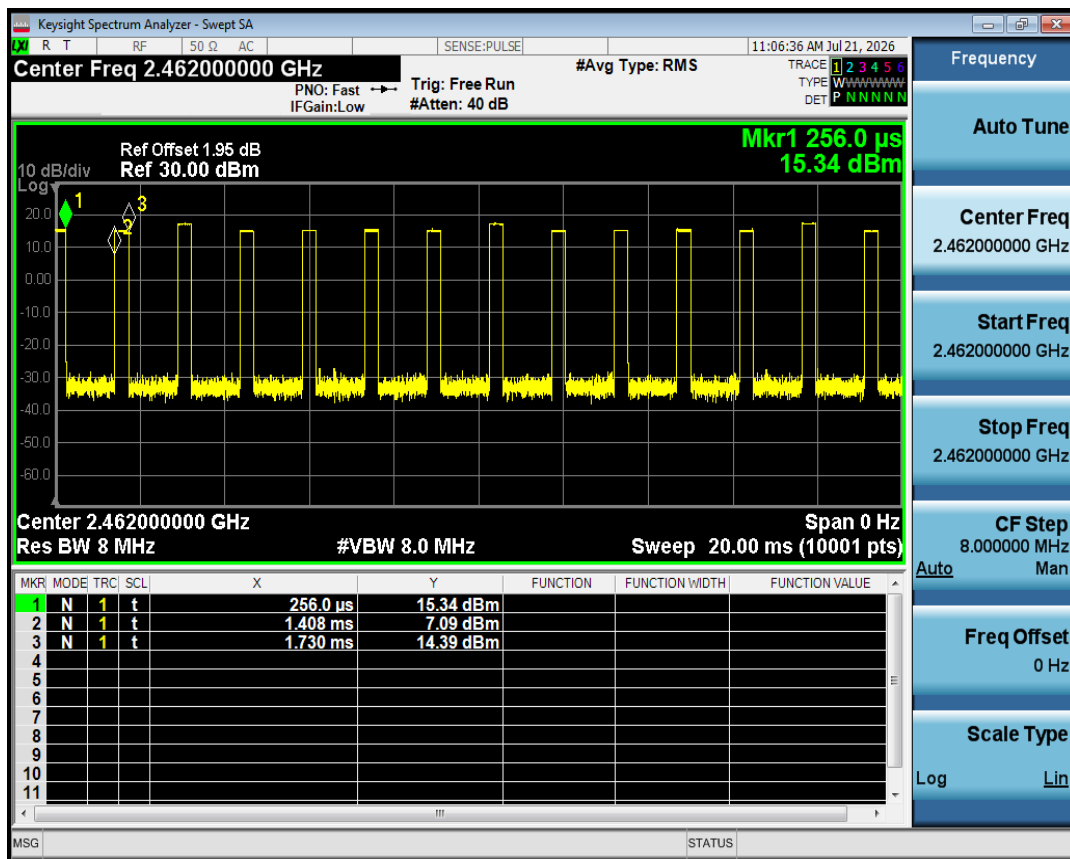
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	21.85	6.61	3.11
NVNT	b	2437	Ant1	21.85	6.61	3.11
NVNT	b	2462	Ant1	21.85	6.61	3.11
NVNT	g	2412	Ant1	10.86	9.64	3.62
NVNT	g	2437	Ant1	10.9	9.63	3.62
NVNT	g	2462	Ant1	10.9	9.63	3.62
NVNT	n20	2412	Ant1	11.66	9.33	3.36
NVNT	n20	2437	Ant1	11.58	9.36	3.38
NVNT	n20	2462	Ant1	11.66	9.33	3.36
NVNT	n40	2422	Ant1	11.14	9.53	3.4
NVNT	n40	2437	Ant1	11.13	9.54	3.4
NVNT	n40	2452	Ant1	11.14	9.53	3.4



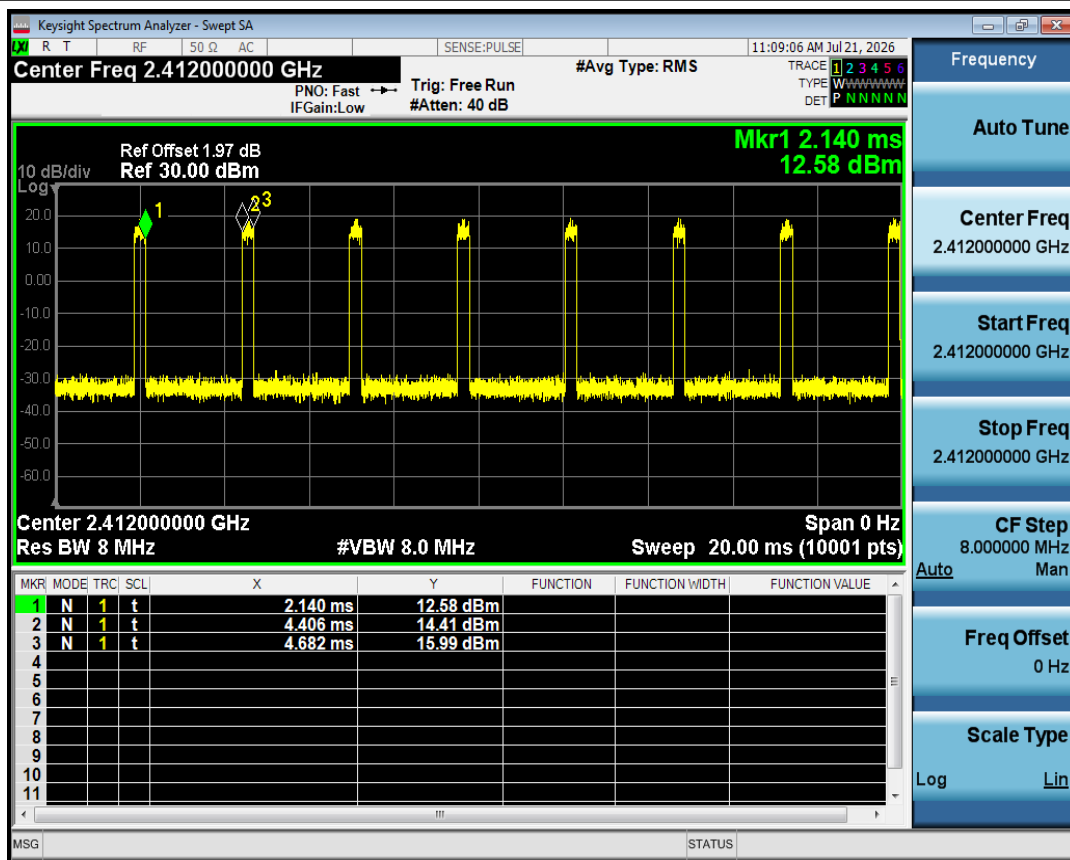
Duty Cycle NVNT b 2412MHz Ant1



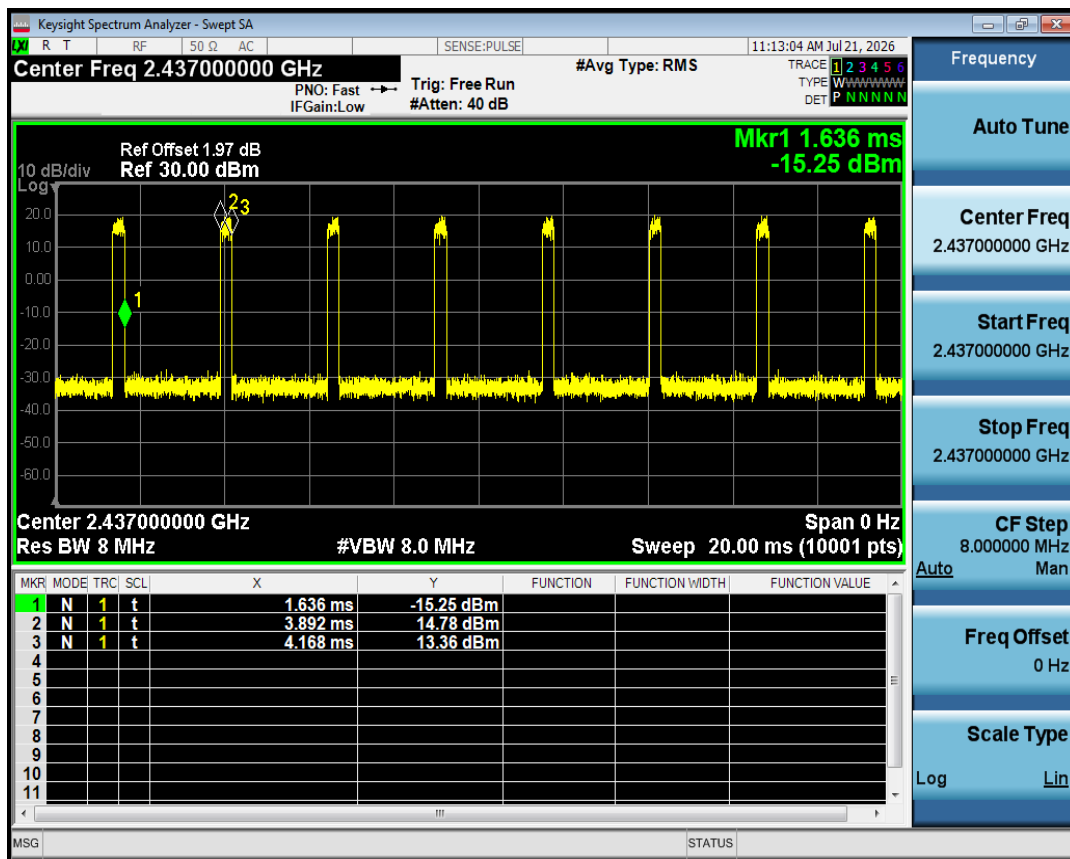
Duty Cycle NVNT b 2437MHz Ant1



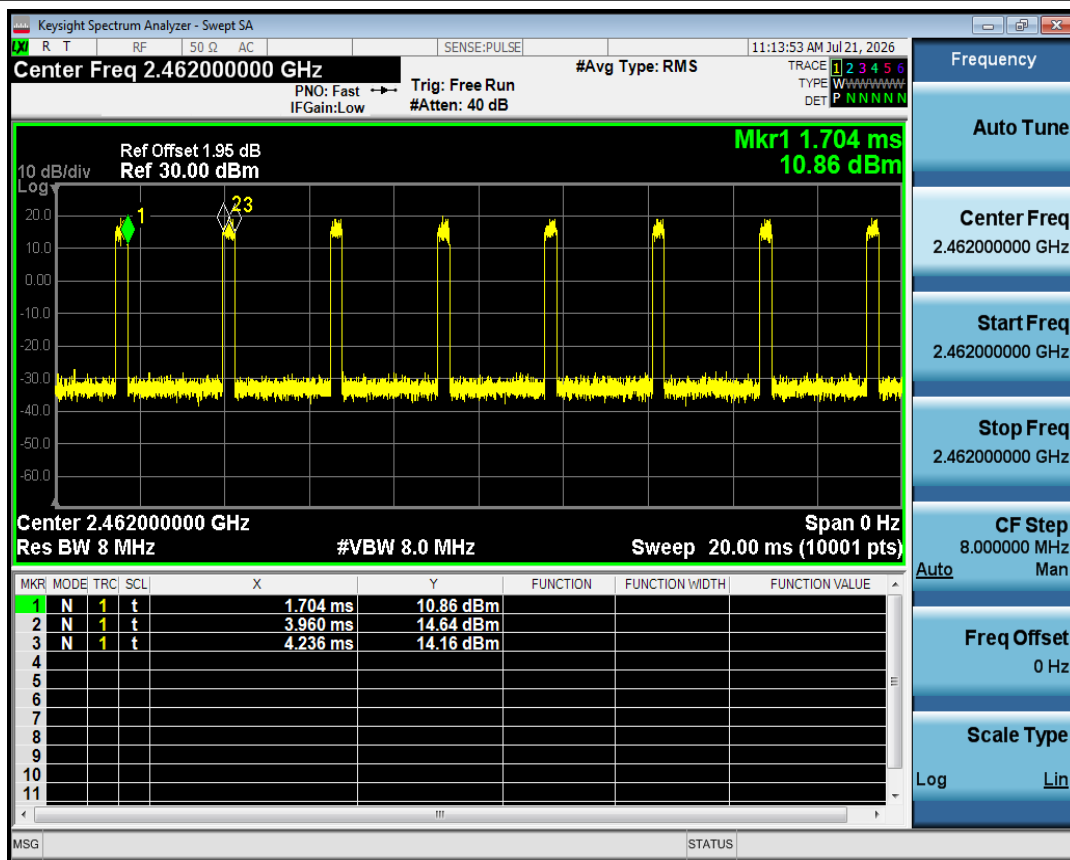
Duty Cycle NVNT b 2462MHz Ant1



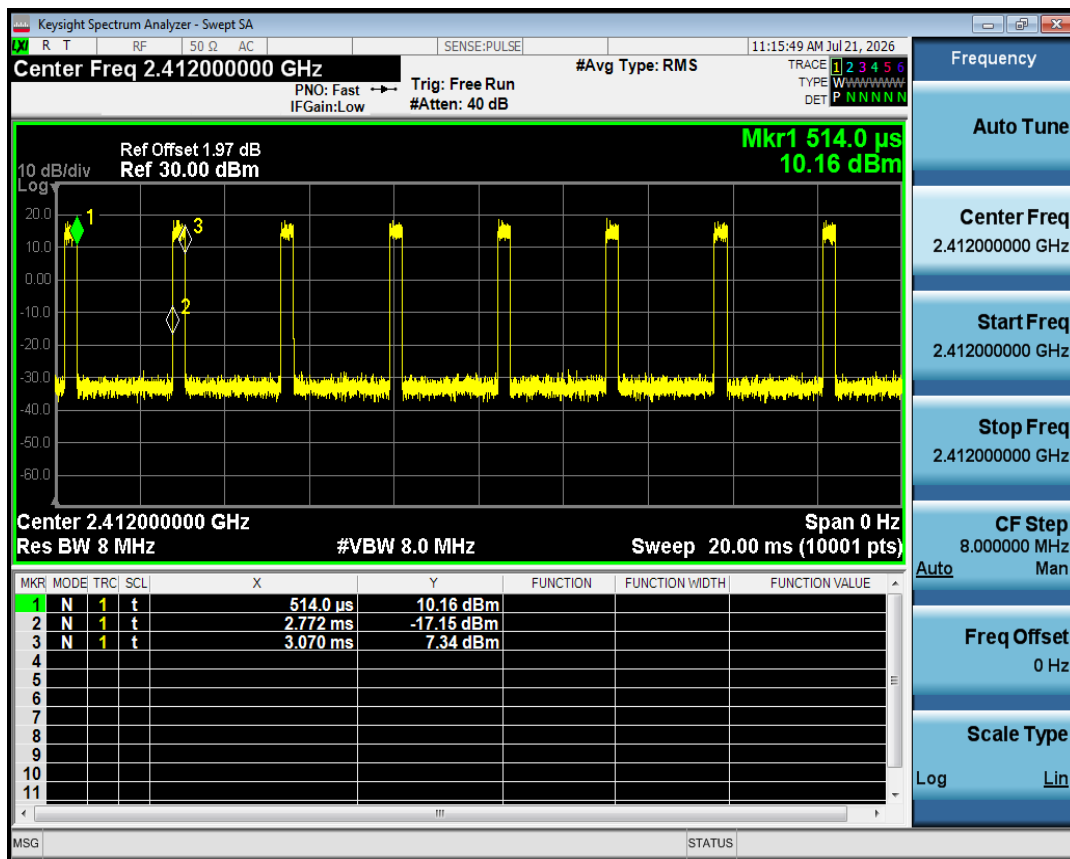
Duty Cycle NVNT g 2412MHz Ant1



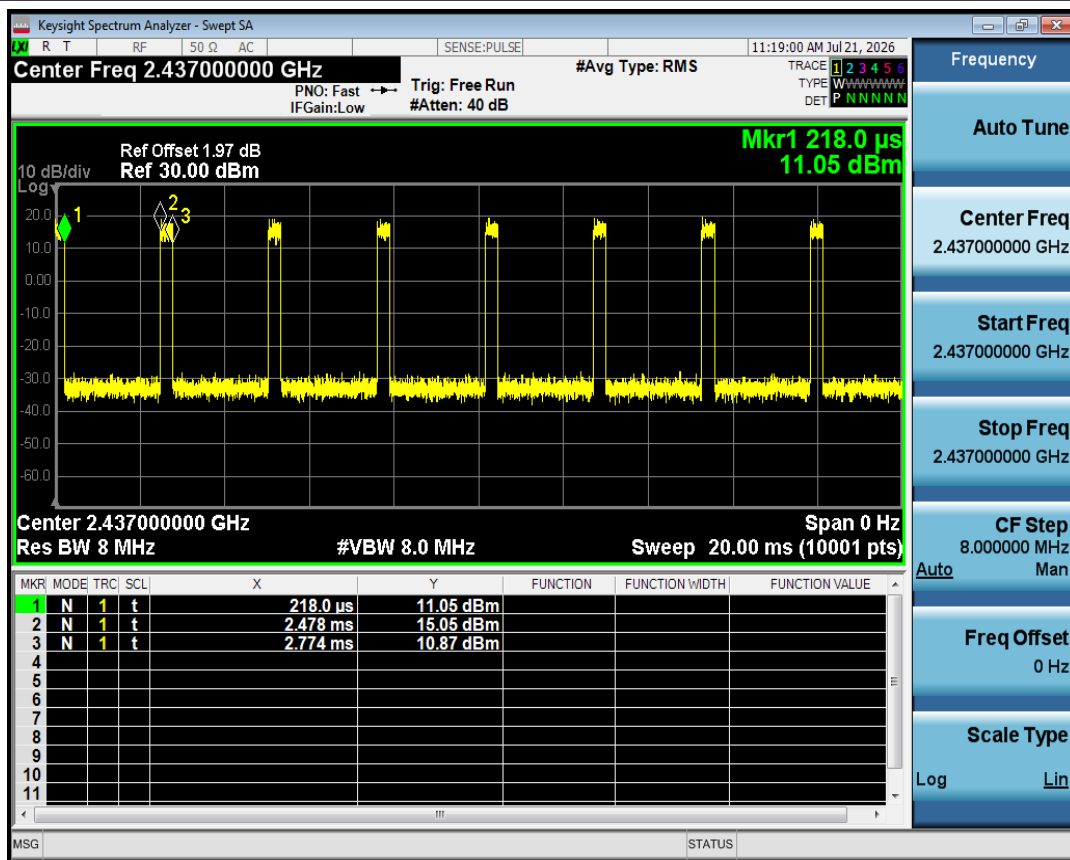
Duty Cycle NVNT g 2437MHz Ant1



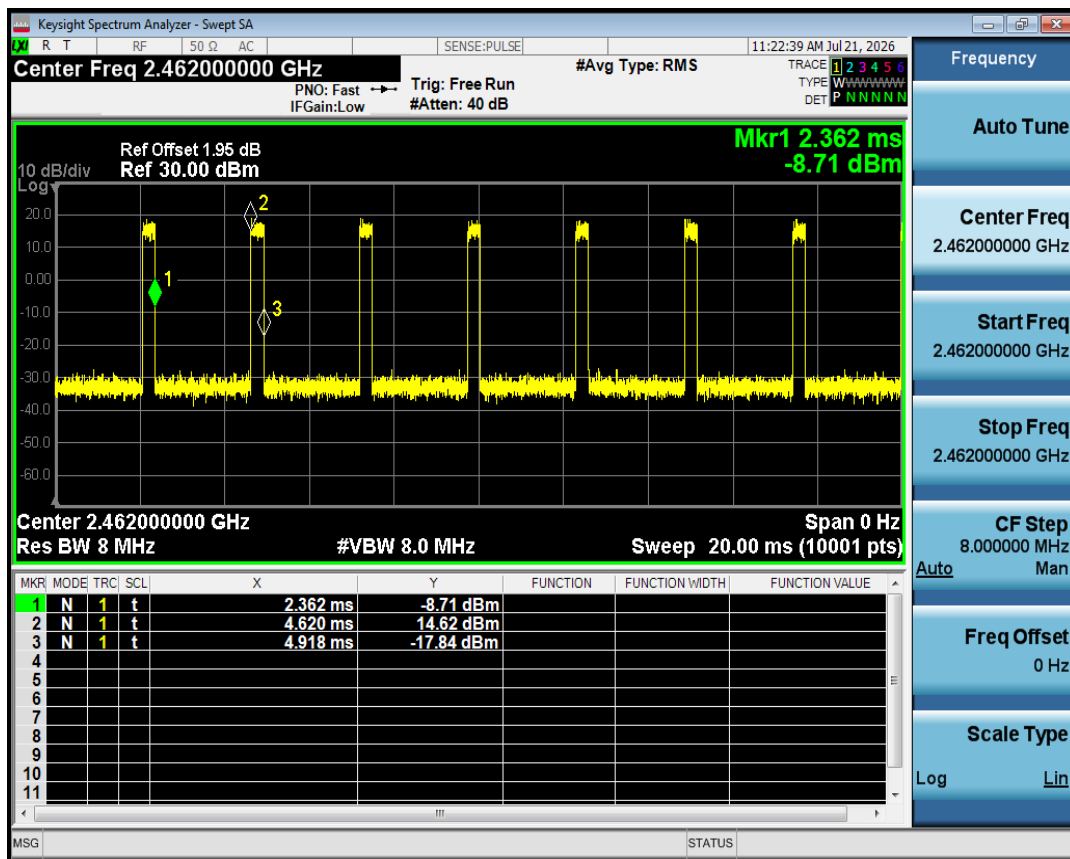
Duty Cycle NVNT g 2462MHz Ant1



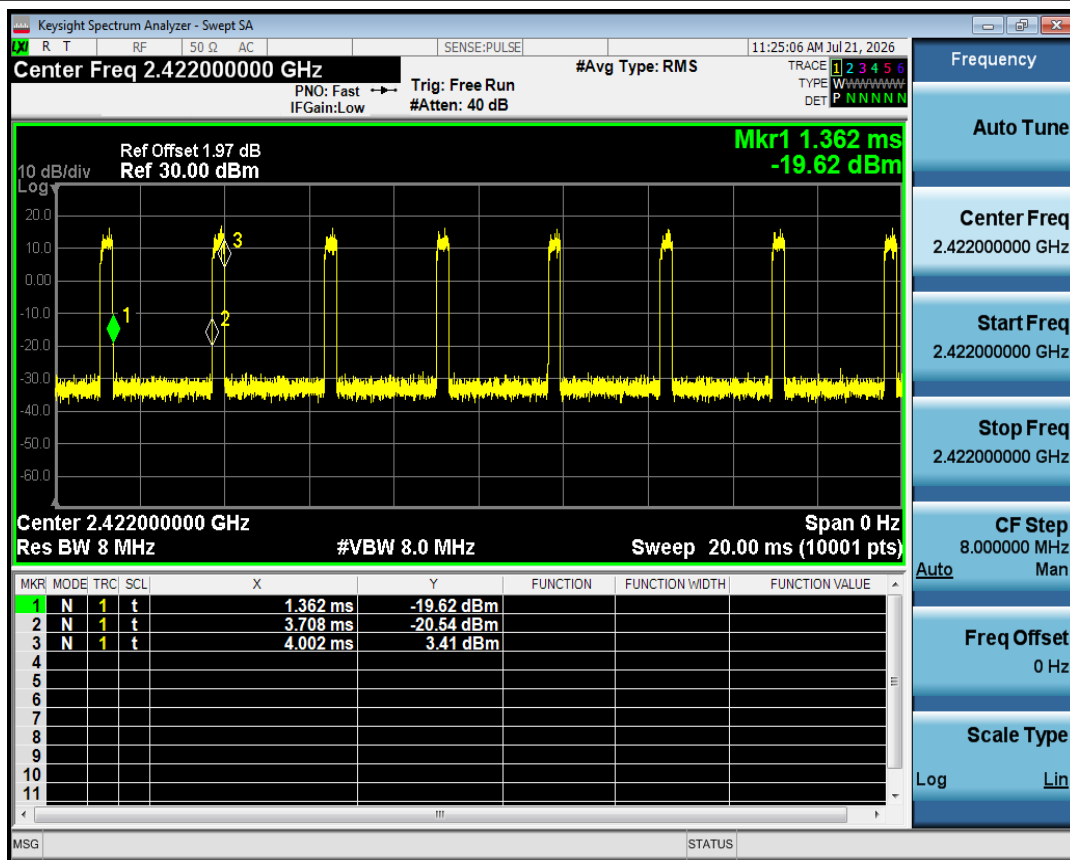
Duty Cycle NVNT n20 2412MHz Ant1



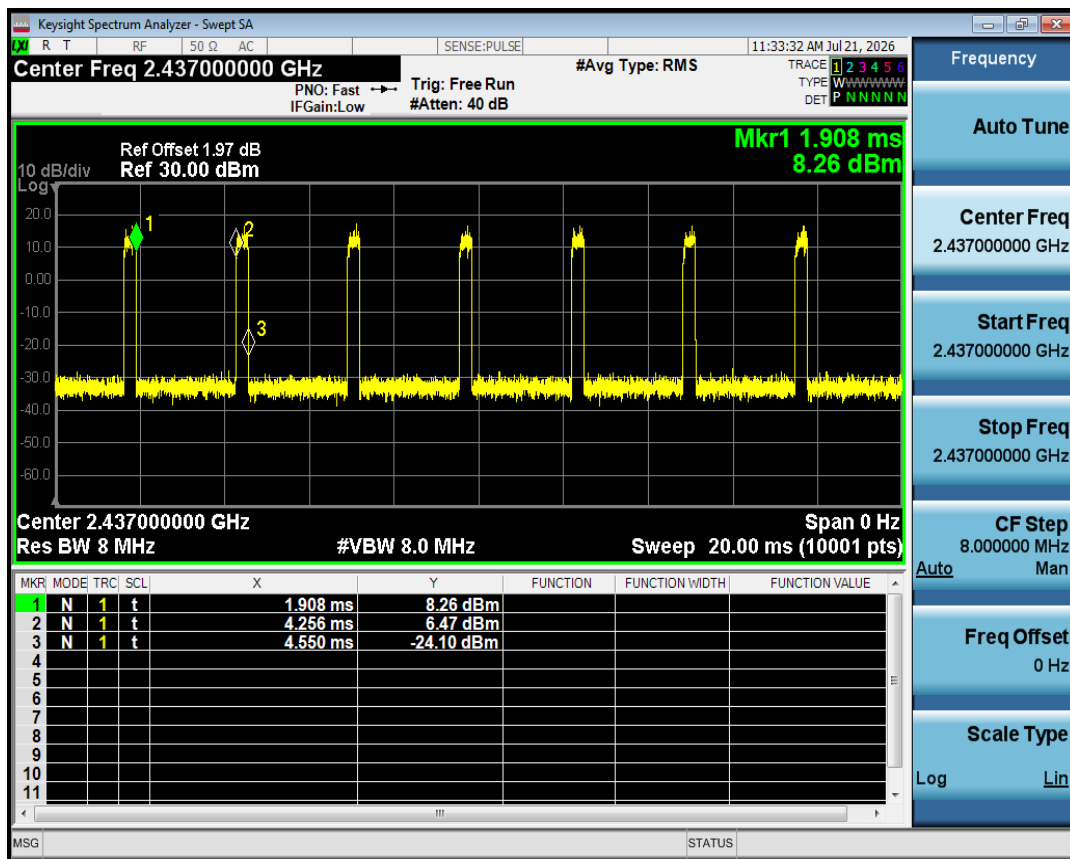
Duty Cycle NVNT n20 2437MHz Ant1



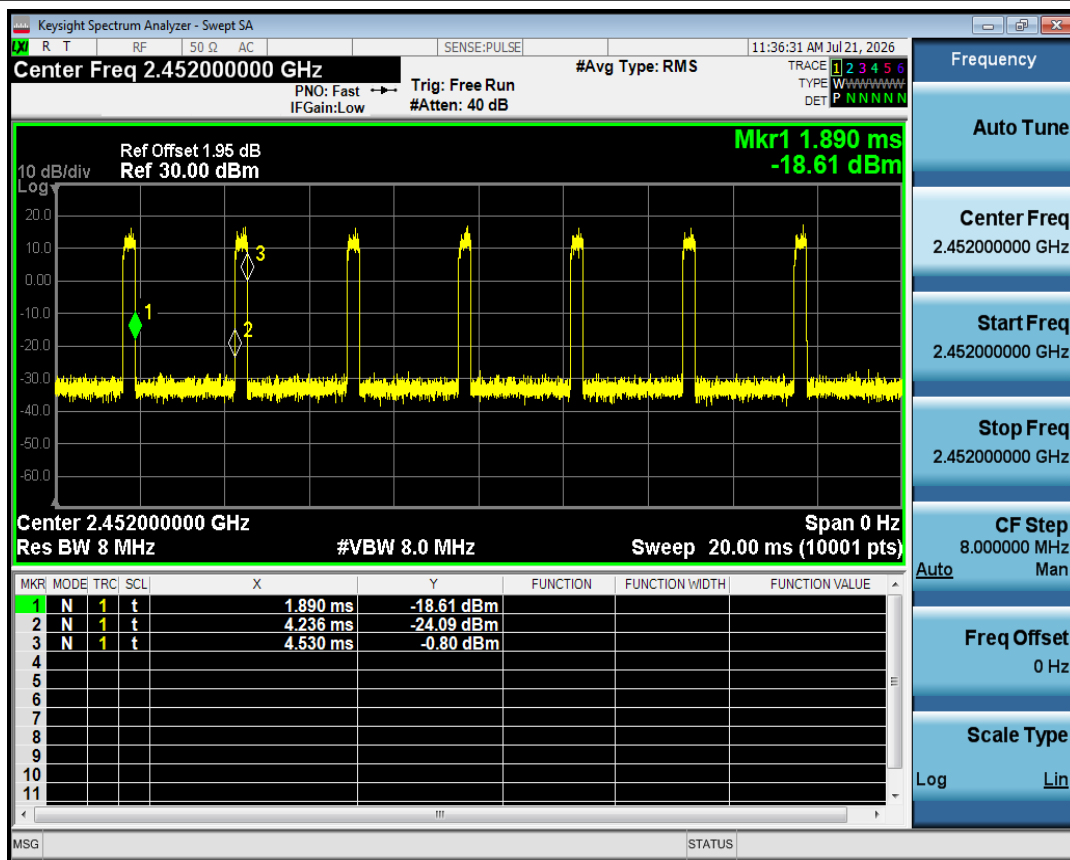
Duty Cycle NVNT n20 2462MHz Ant1



Duty Cycle NVNT n40 2422MHz Ant1



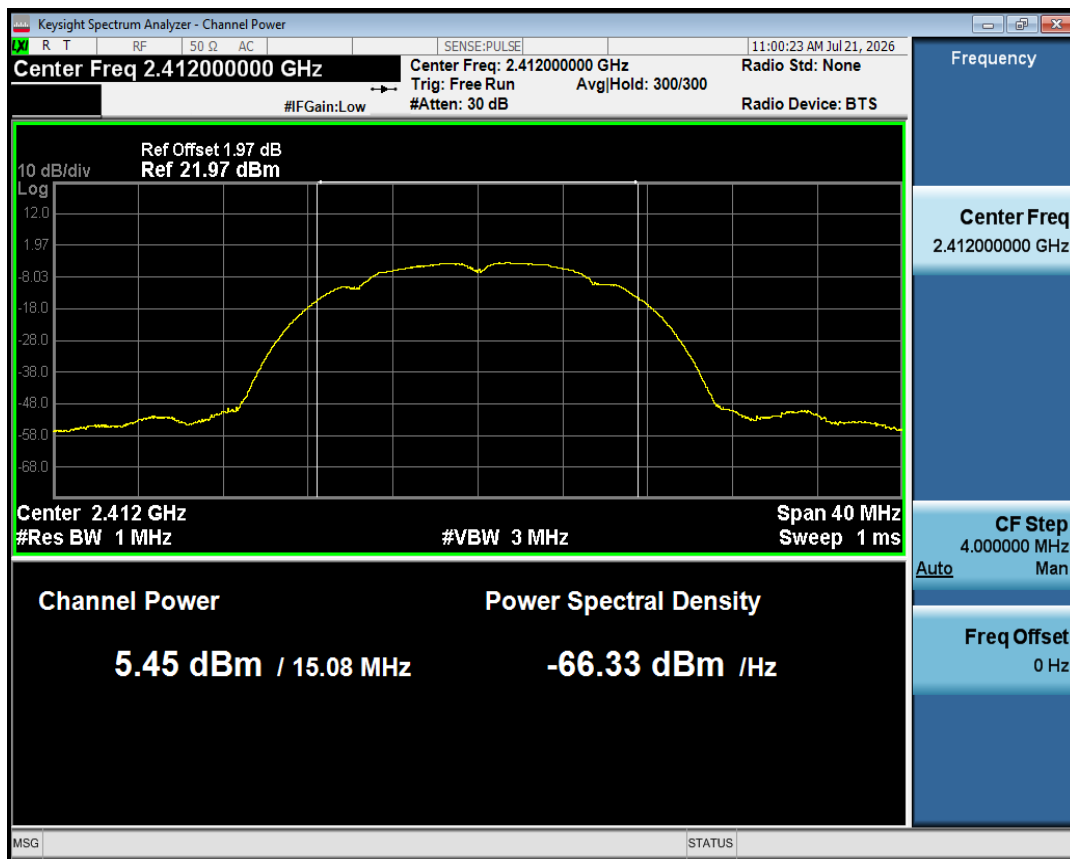
Duty Cycle NVNT n40 2437MHz Ant1



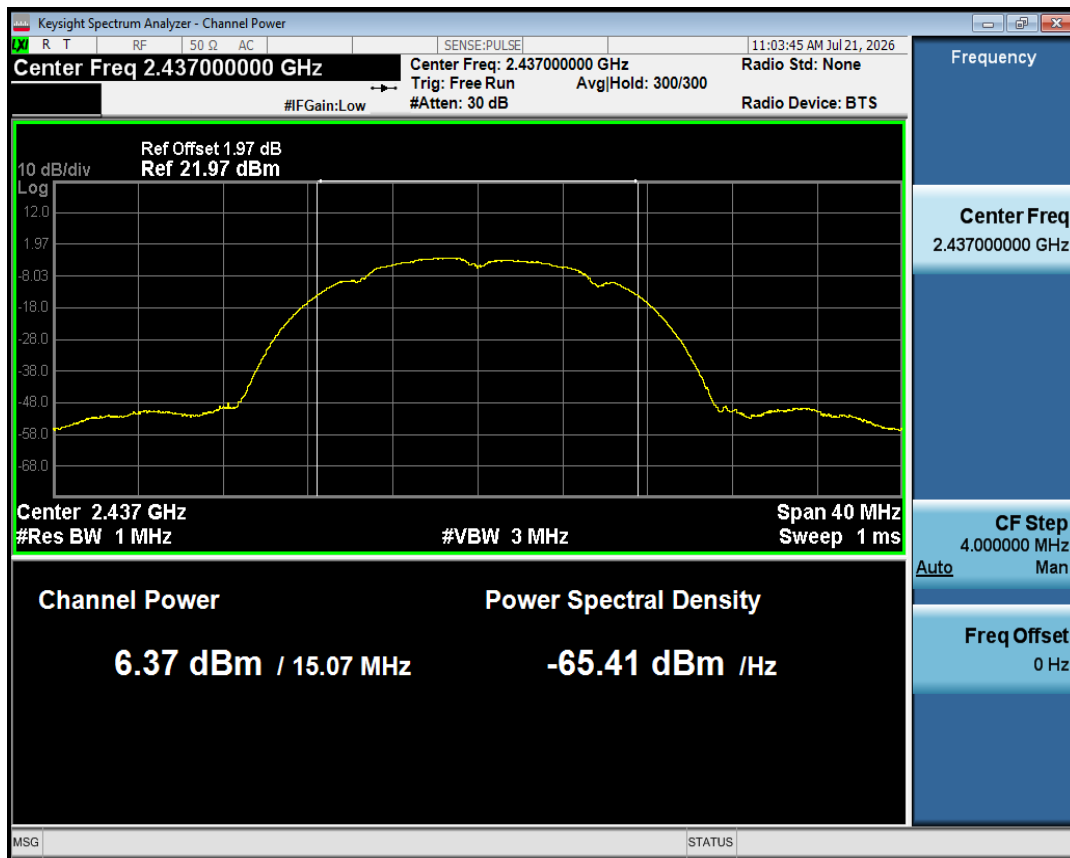
Duty Cycle NVNT n40 2452MHz Ant1

Maximum Average Conducted Output Power

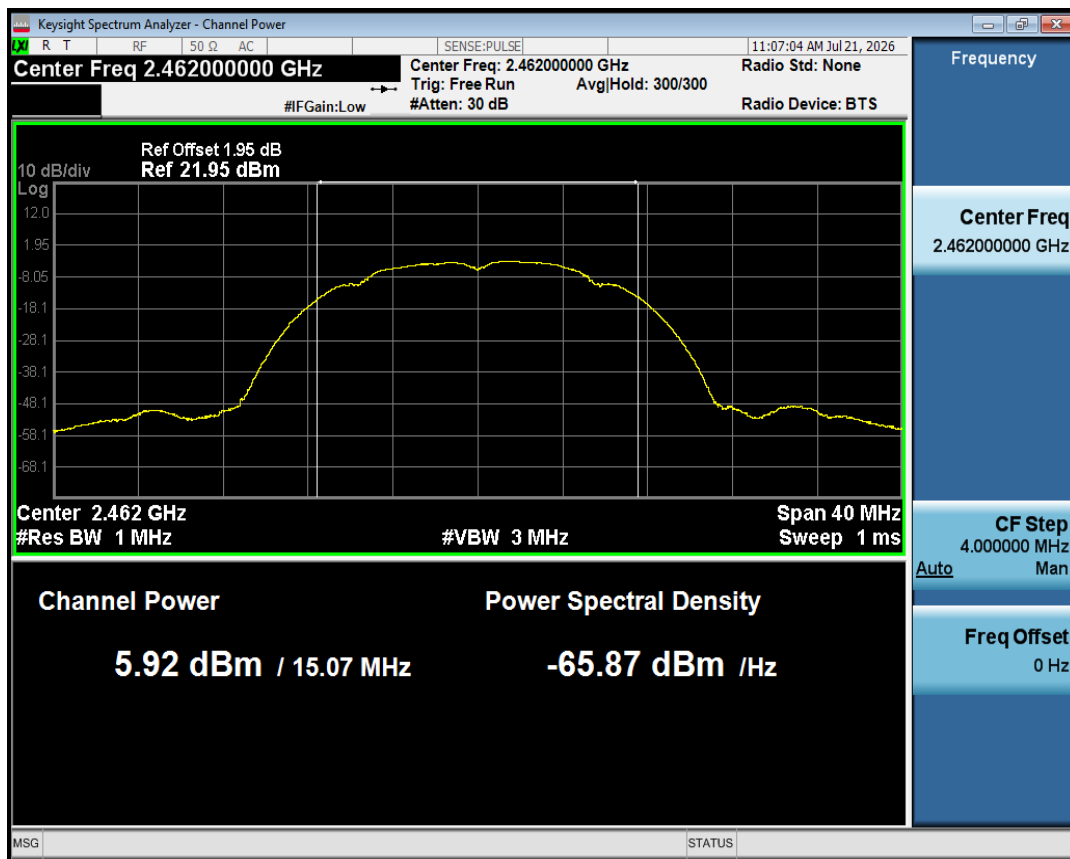
Condi tion	Mod e	Frequen cy (MHz)	Anten na	Conduct ed Power (dBm)	Duty Fact or (dB)	Total Conduct ed Power (dBm)	Total Conduct ed Power (W)	Limit Conducted(dB m)	Verdi ct
NVNT	b	2412	Ant1	5.45	6.61	12.06	0.01607	30	Pass
NVNT	b	2437	Ant1	6.37	6.61	12.98	0.01986	30	Pass
NVNT	b	2462	Ant1	5.92	6.61	12.53	0.01791	30	Pass
NVNT	g	2412	Ant1	2.46	9.64	12.1	0.01622	30	Pass
NVNT	g	2437	Ant1	3.25	9.63	12.88	0.01941	30	Pass
NVNT	g	2462	Ant1	2.82	9.63	12.45	0.01758	30	Pass
NVNT	n20	2412	Ant1	2.72	9.33	12.05	0.01603	30	Pass
NVNT	n20	2437	Ant1	3.18	9.36	12.54	0.01795	30	Pass
NVNT	n20	2462	Ant1	3.24	9.33	12.57	0.01807	30	Pass
NVNT	n40	2422	Ant1	2.75	9.53	12.28	0.0169	30	Pass
NVNT	n40	2437	Ant1	2.5	9.54	12.04	0.016	30	Pass
NVNT	n40	2452	Ant1	2.48	9.53	12.01	0.01589	30	Pass



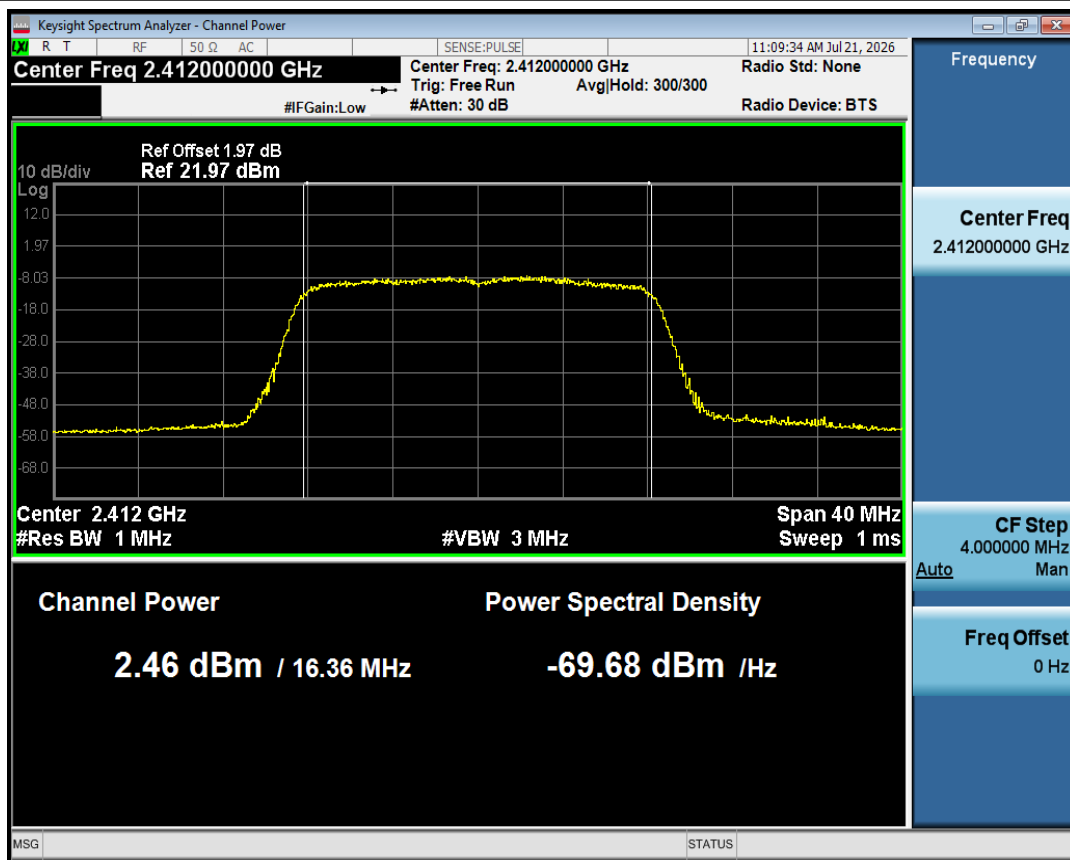
Average Power NVNT b 2412MHz Ant1



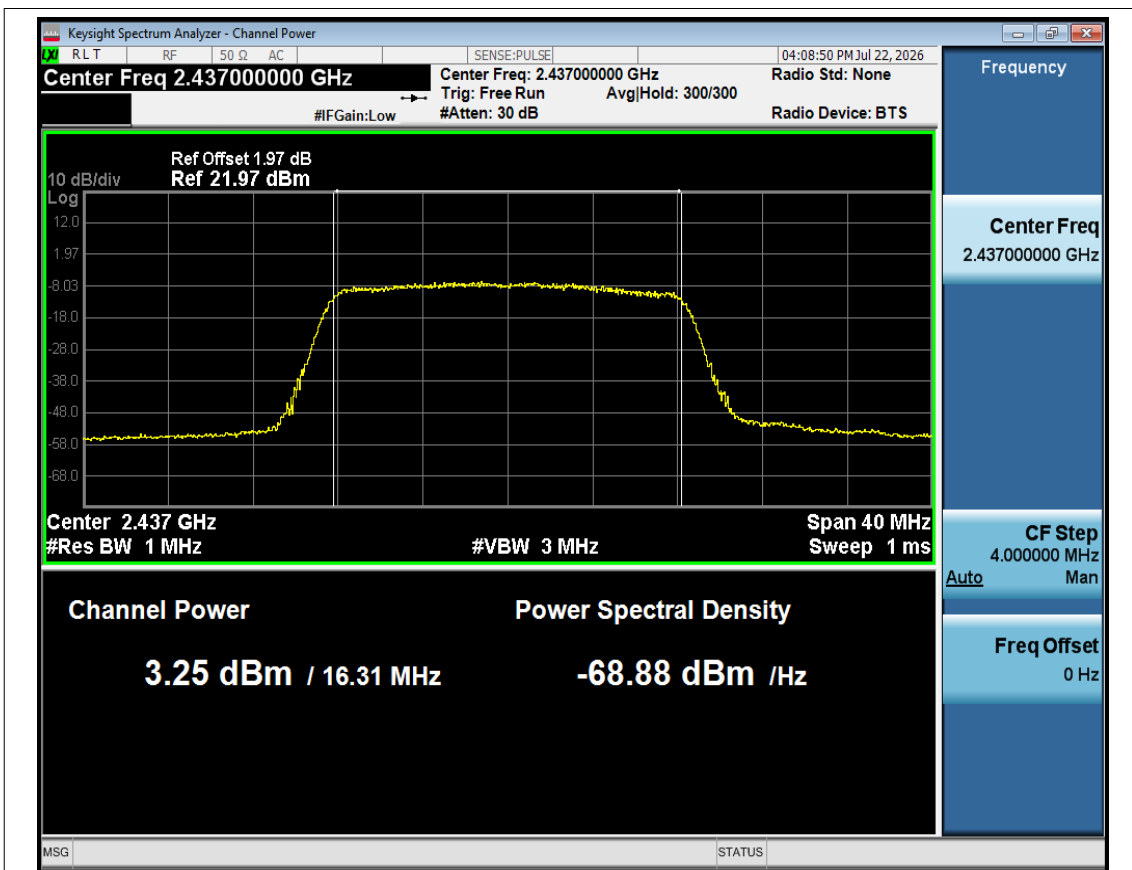
Average Power NVNT b 2437MHz Ant1



Average Power NVNT b 2462MHz Ant1



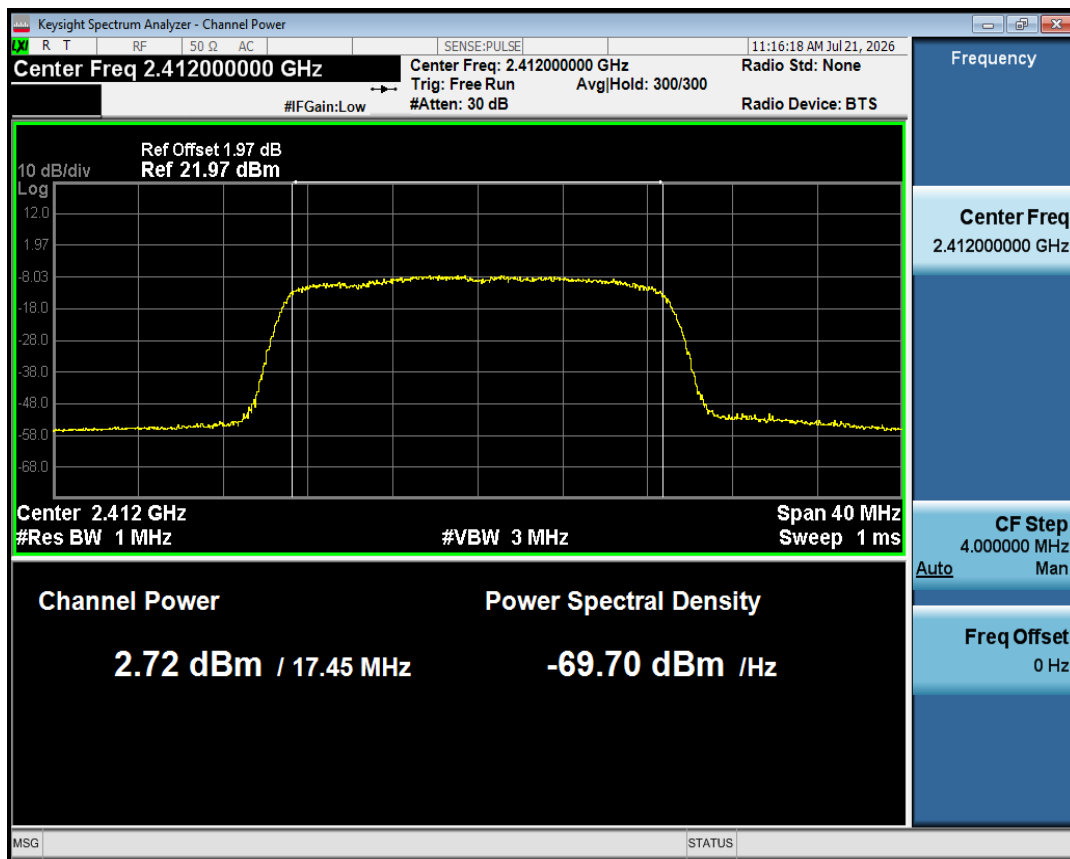
Average Power NVNT g 2412MHz Ant1



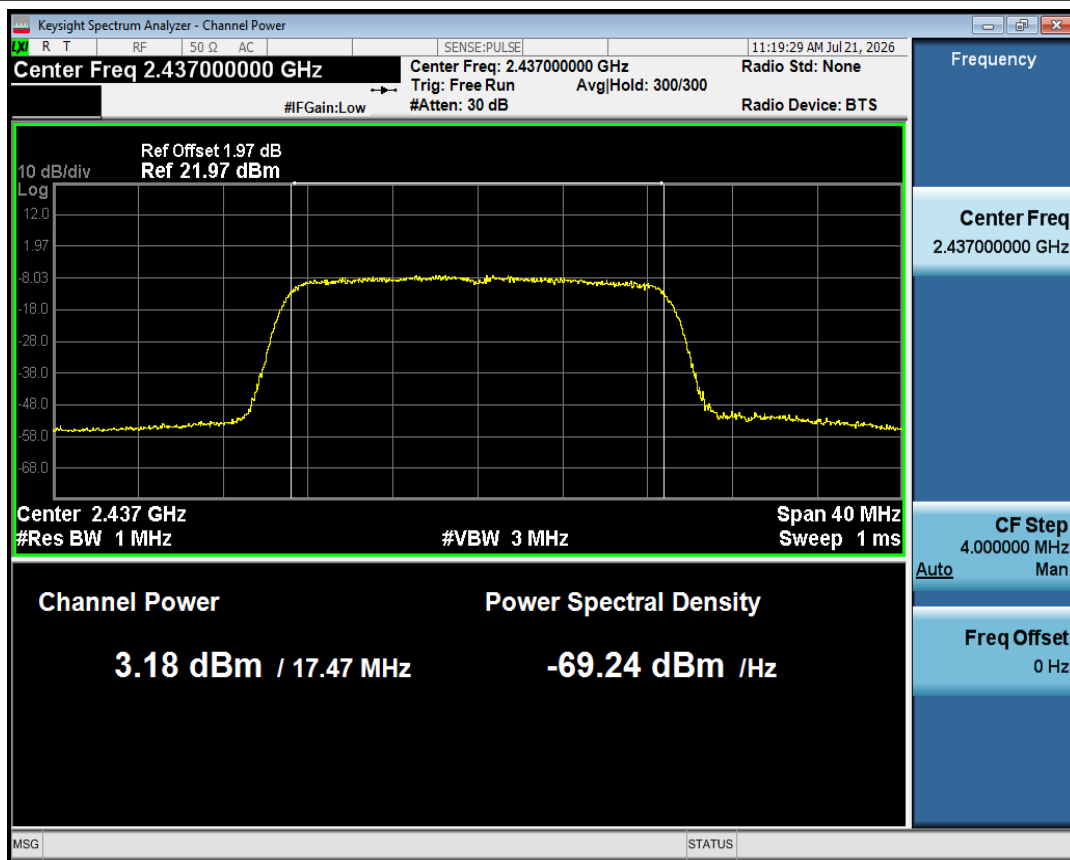
Average Power NVNT g 2437MHz Ant1



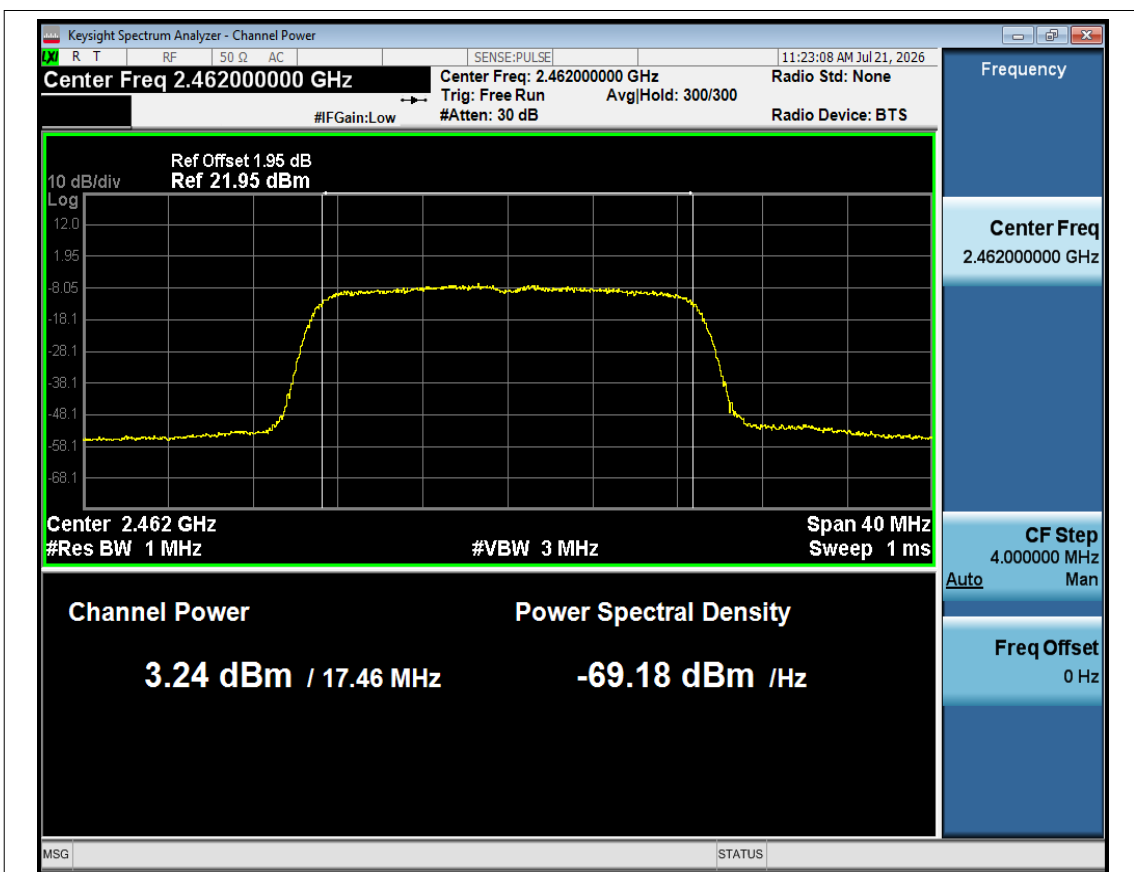
Average Power NVNT g 2462MHz Ant1



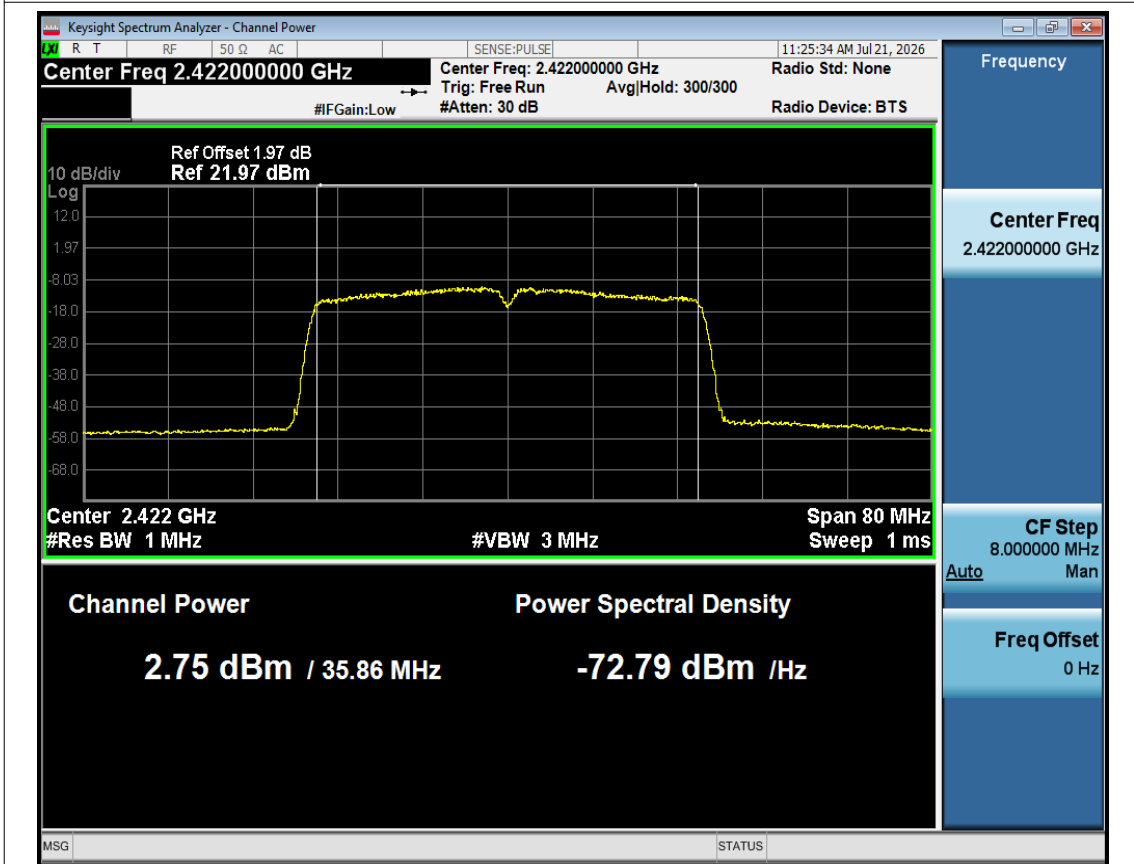
Average Power NVNT n20 2412MHz Ant1



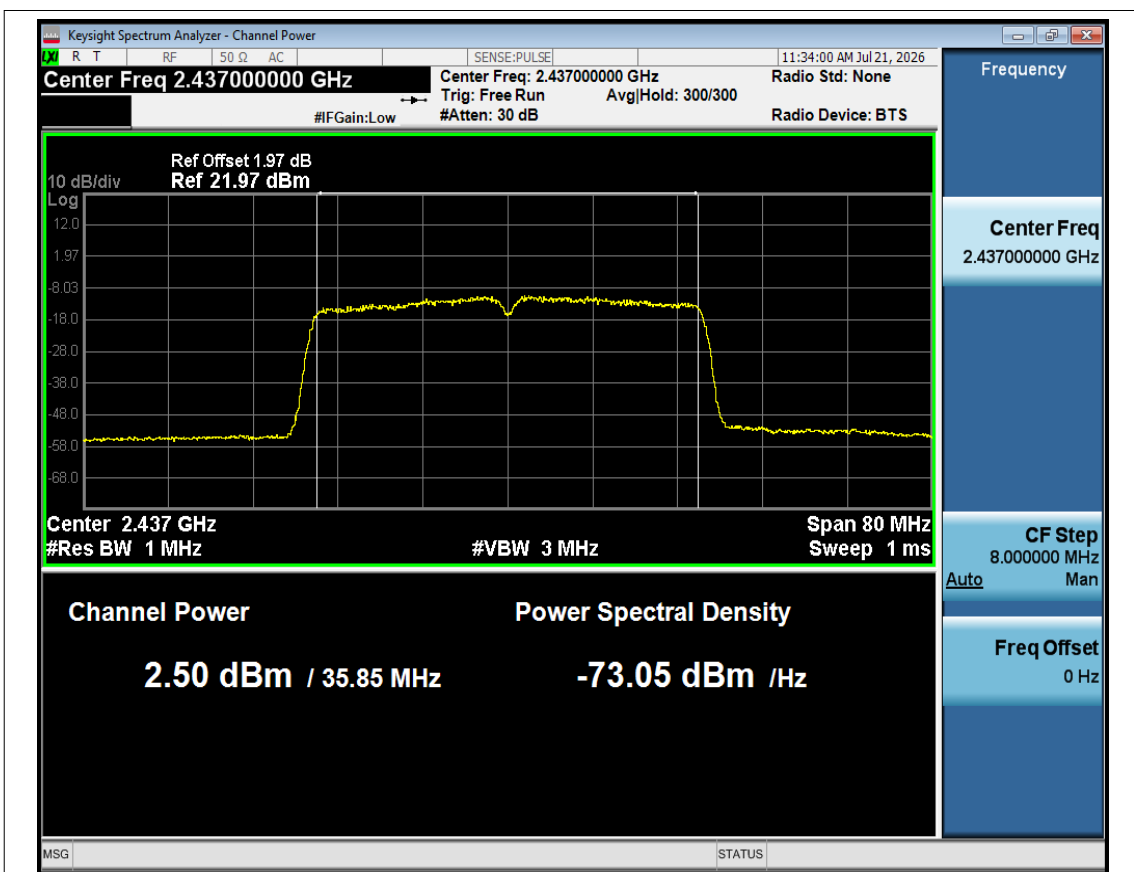
Average Power NVNT n20 2437MHz Ant1



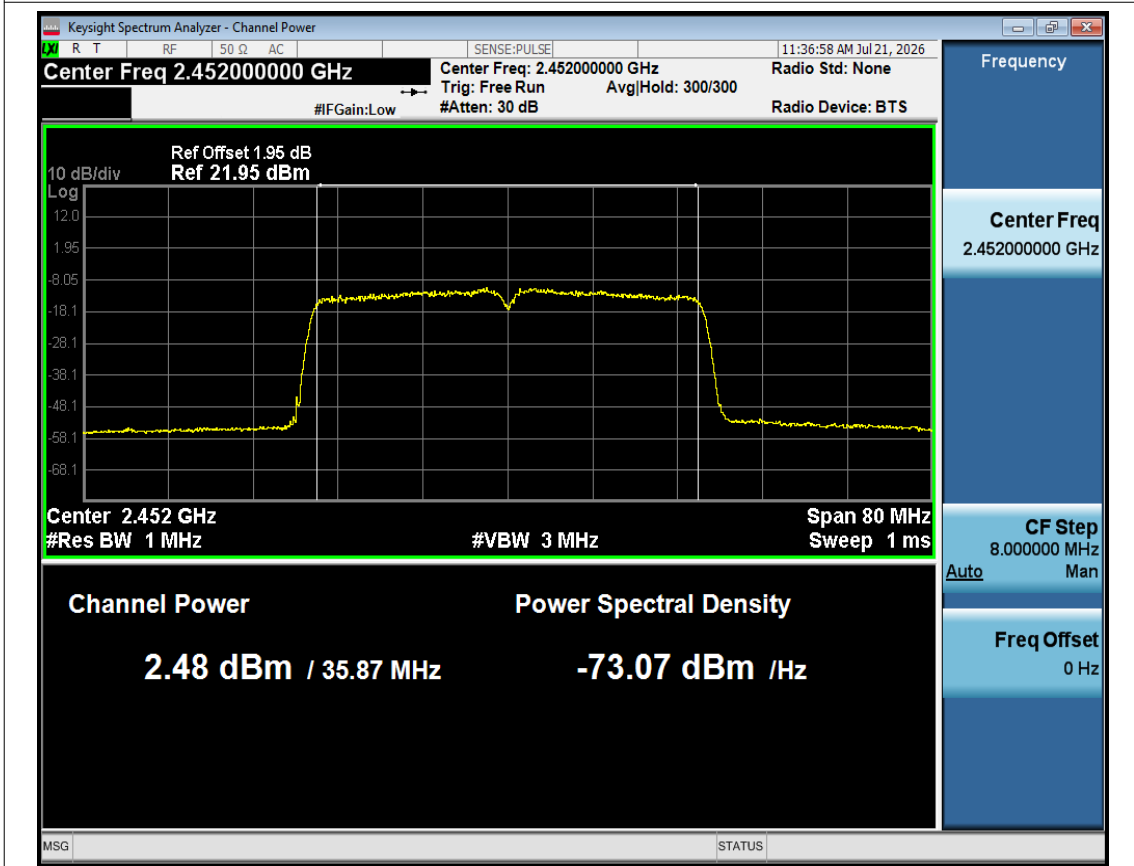
Average Power NVNT n20 2462MHz Ant1



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	11.11	0.5	Pass
NVNT	b	2437	Ant1	12.05	0.5	Pass
NVNT	b	2462	Ant1	11.13	0.5	Pass
NVNT	g	2412	Ant1	16.17	0.5	Pass
NVNT	g	2437	Ant1	16.22	0.5	Pass
NVNT	g	2462	Ant1	15.94	0.5	Pass
NVNT	n20	2412	Ant1	17.14	0.5	Pass
NVNT	n20	2437	Ant1	17.17	0.5	Pass
NVNT	n20	2462	Ant1	16.88	0.5	Pass
NVNT	n40	2422	Ant1	35.83	0.5	Pass
NVNT	n40	2437	Ant1	35.98	0.5	Pass
NVNT	n40	2452	Ant1	35.81	0.5	Pass



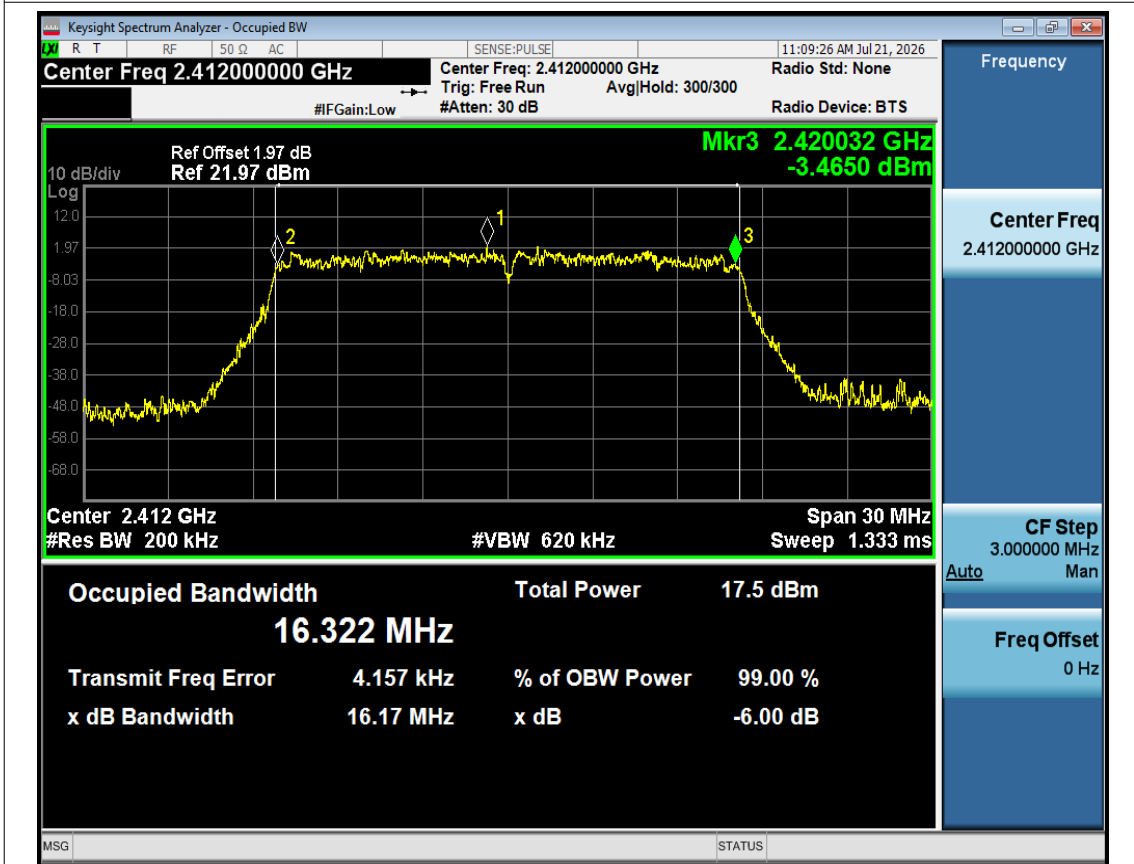
-6dB Bandwidth NVNT b 2412MHz Ant1



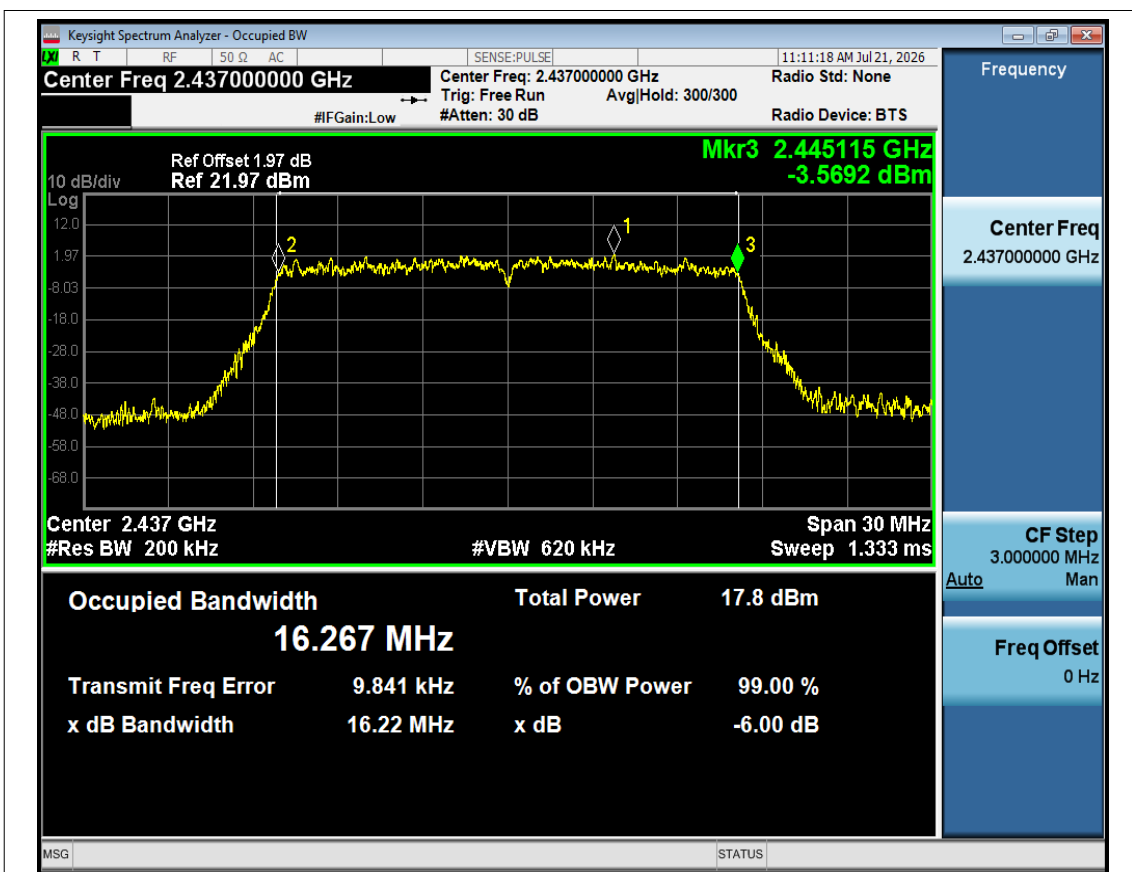
-6dB Bandwidth NVNT b 2437MHz Ant1



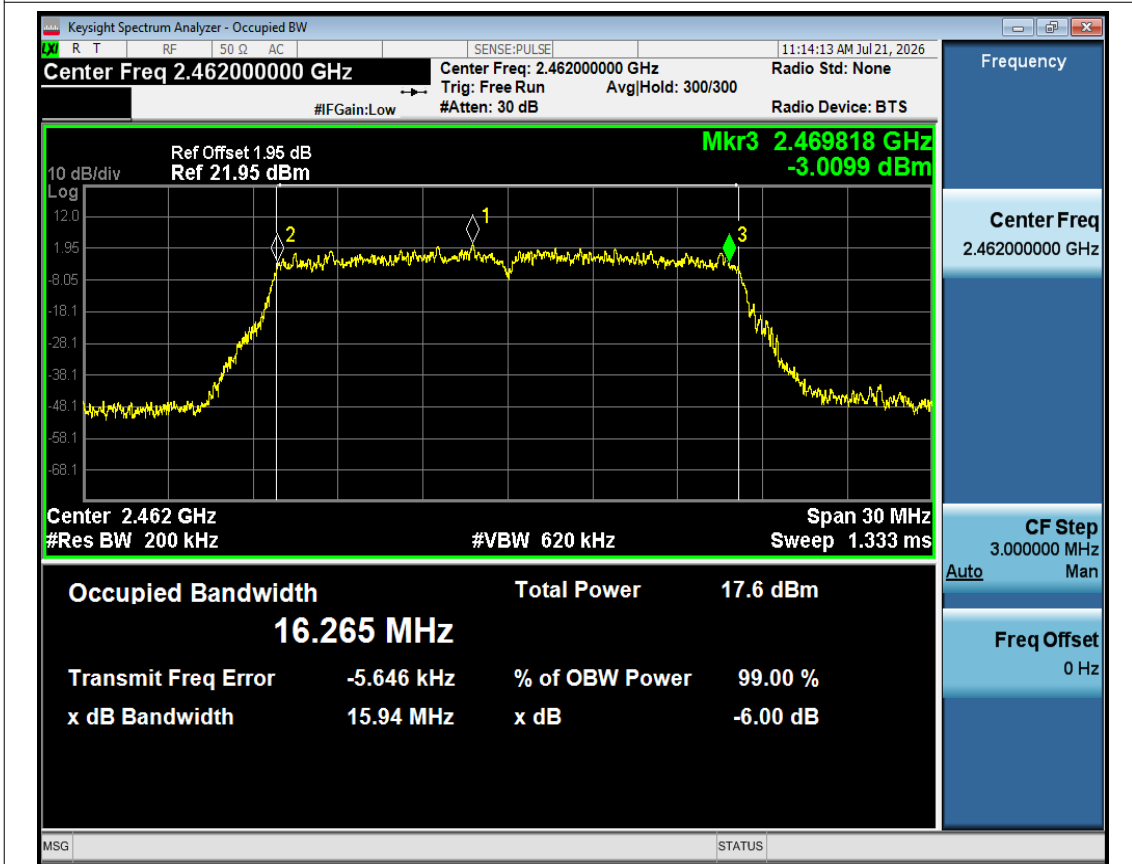
-6dB Bandwidth NVNT b 2462MHz Ant1



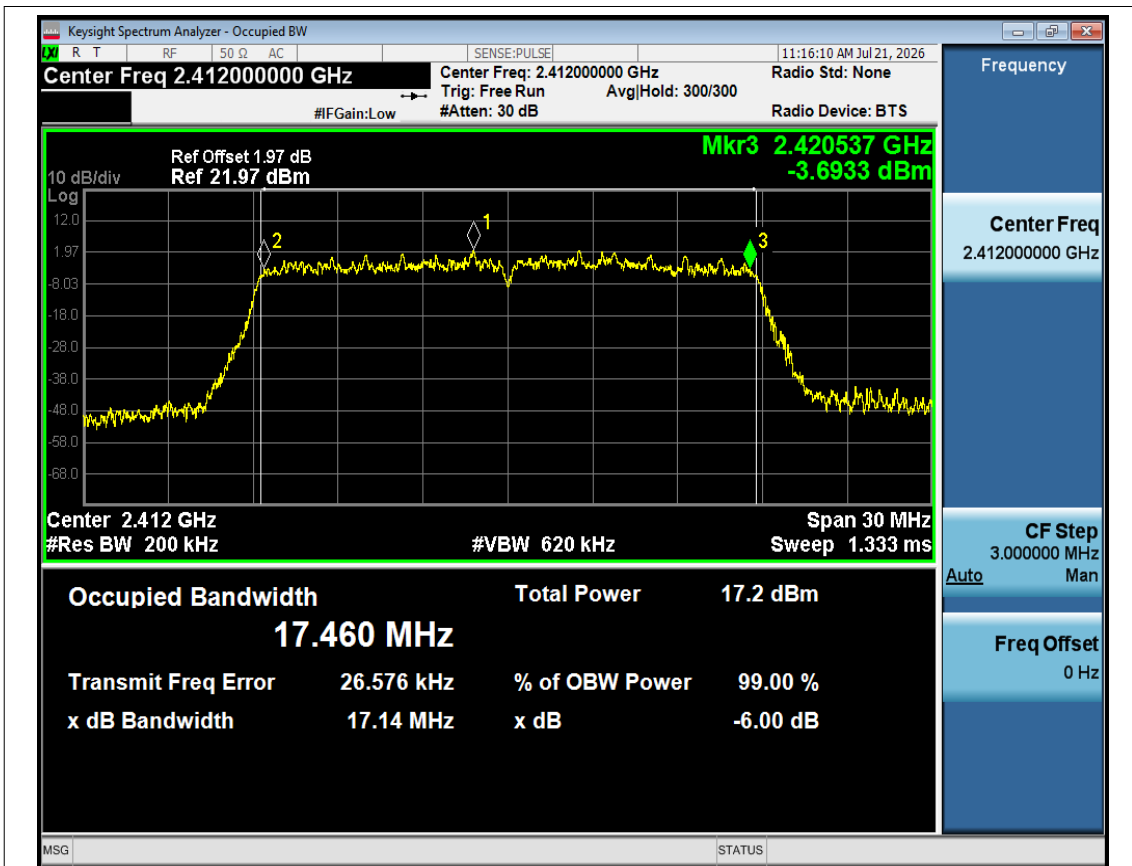
-6dB Bandwidth NVNT g 2412MHz Ant1



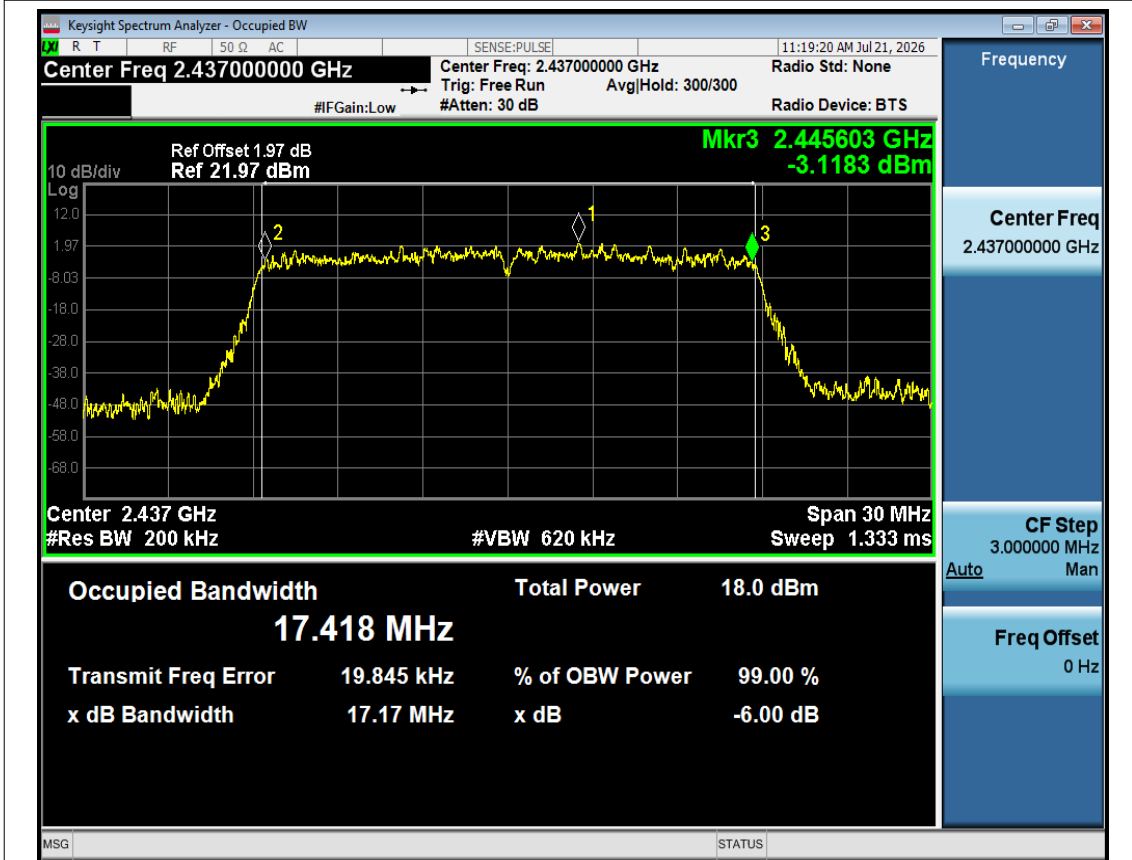
-6dB Bandwidth NVNT g 2437MHz Ant1



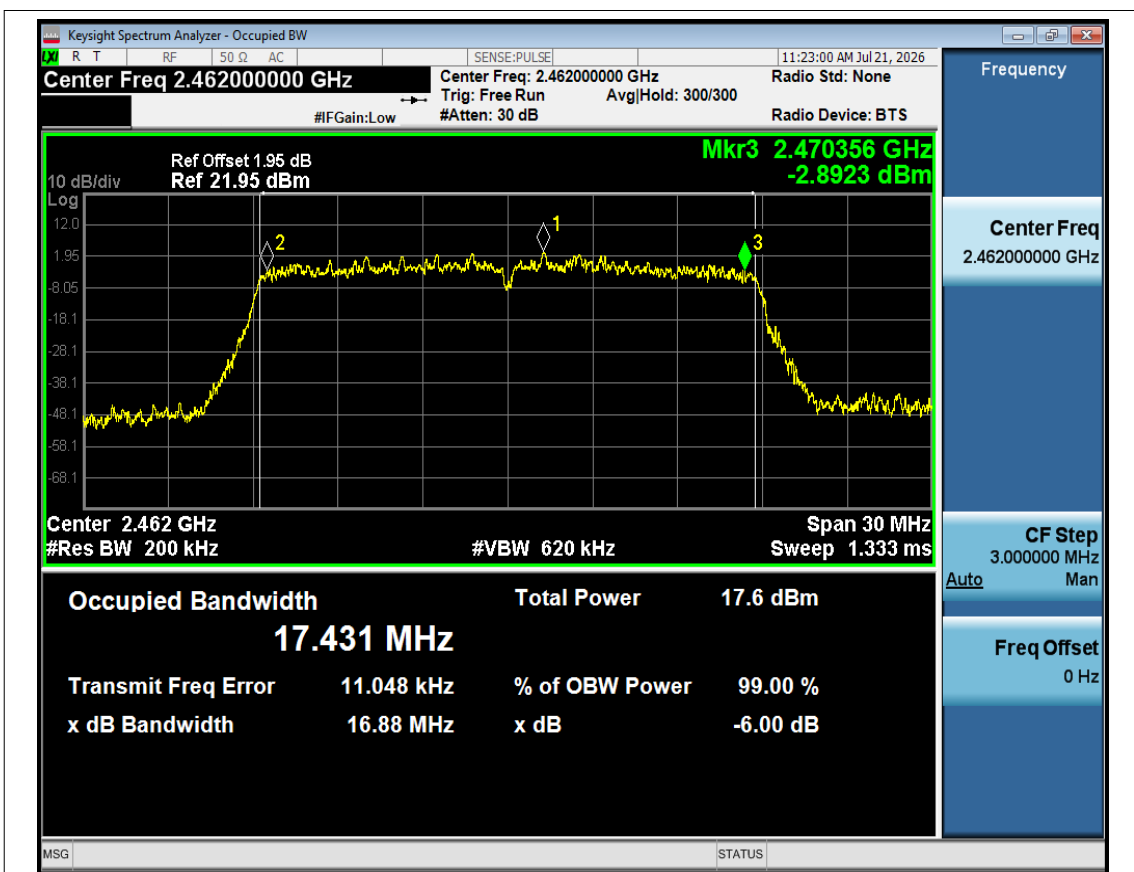
-6dB Bandwidth NVNT g 2462MHz Ant1



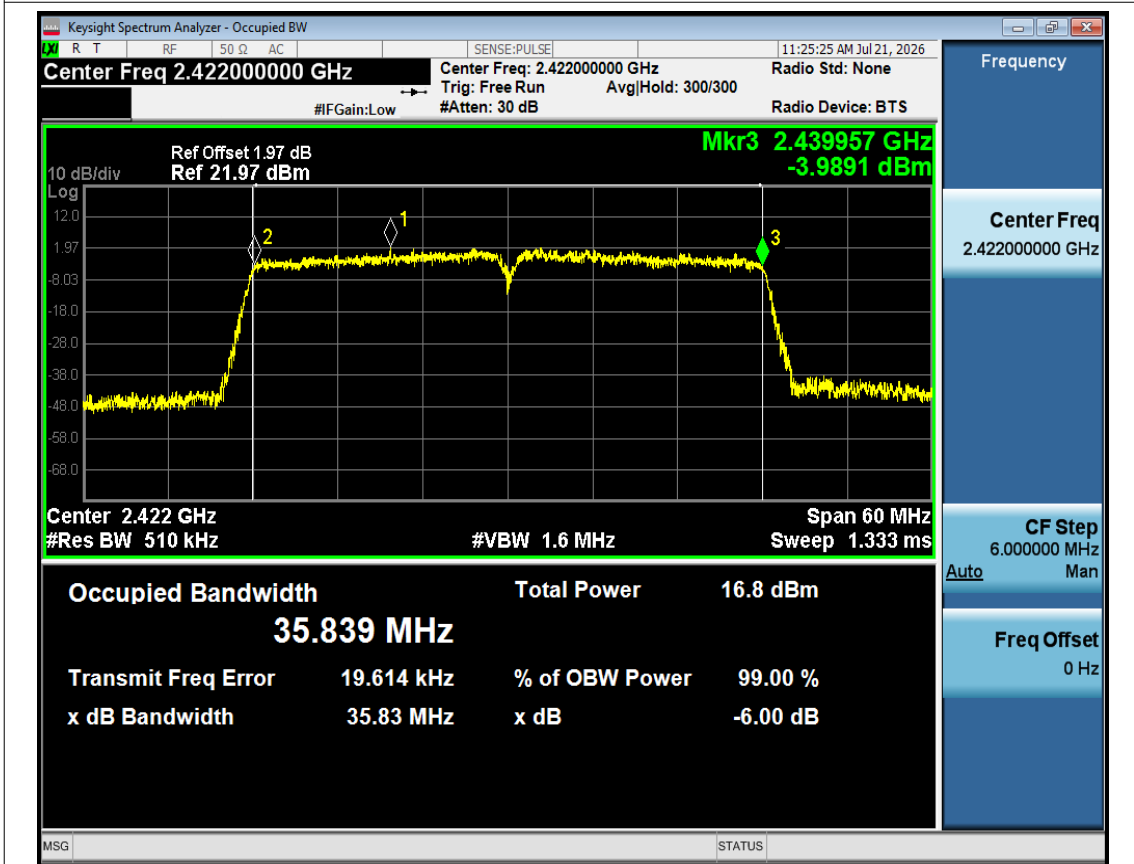
-6dB Bandwidth NVNT n20 2412MHz Ant1



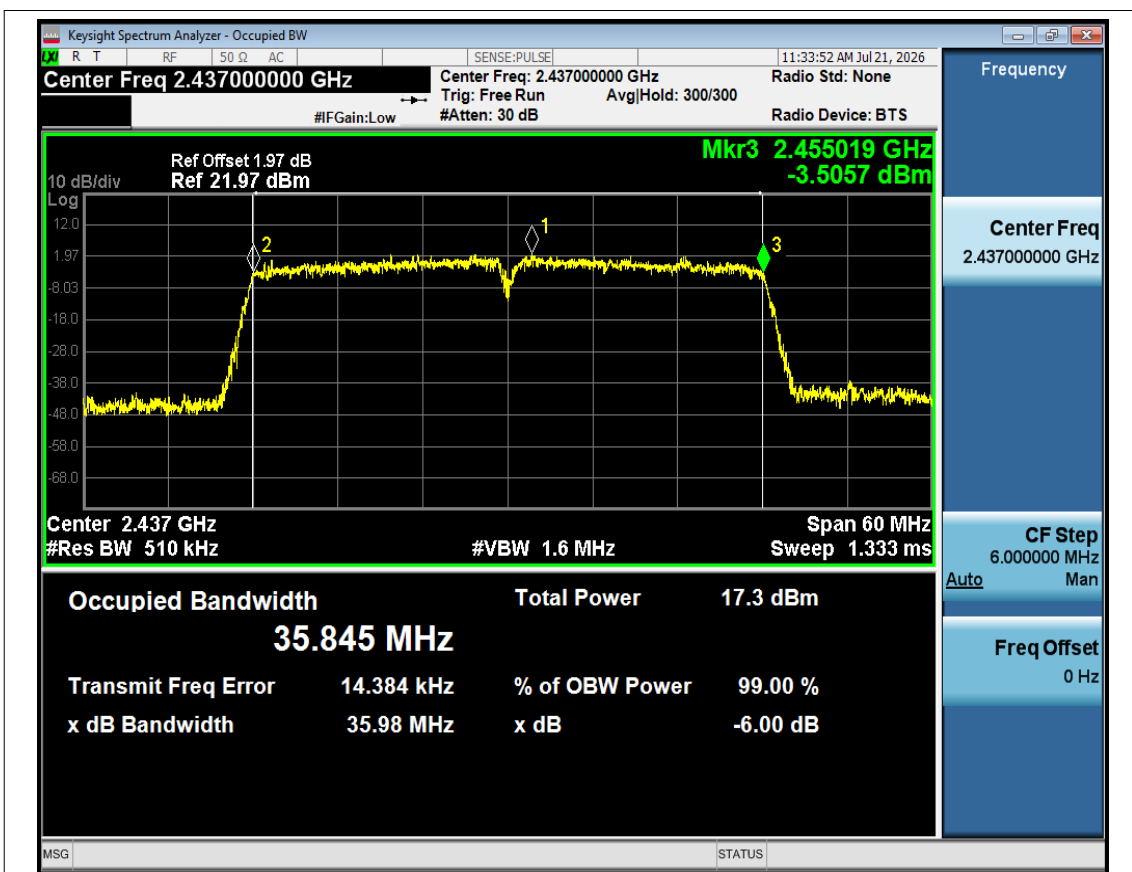
-6dB Bandwidth NVNT n20 2437MHz Ant1



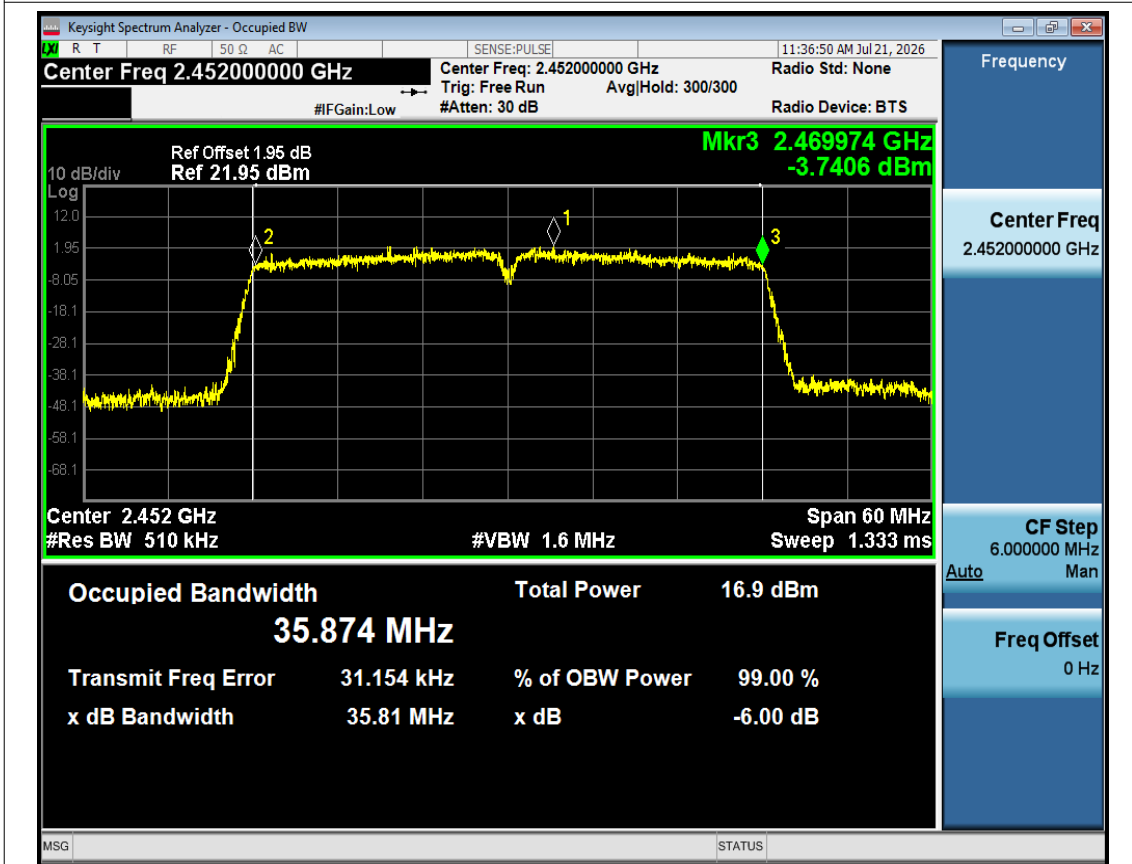
-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



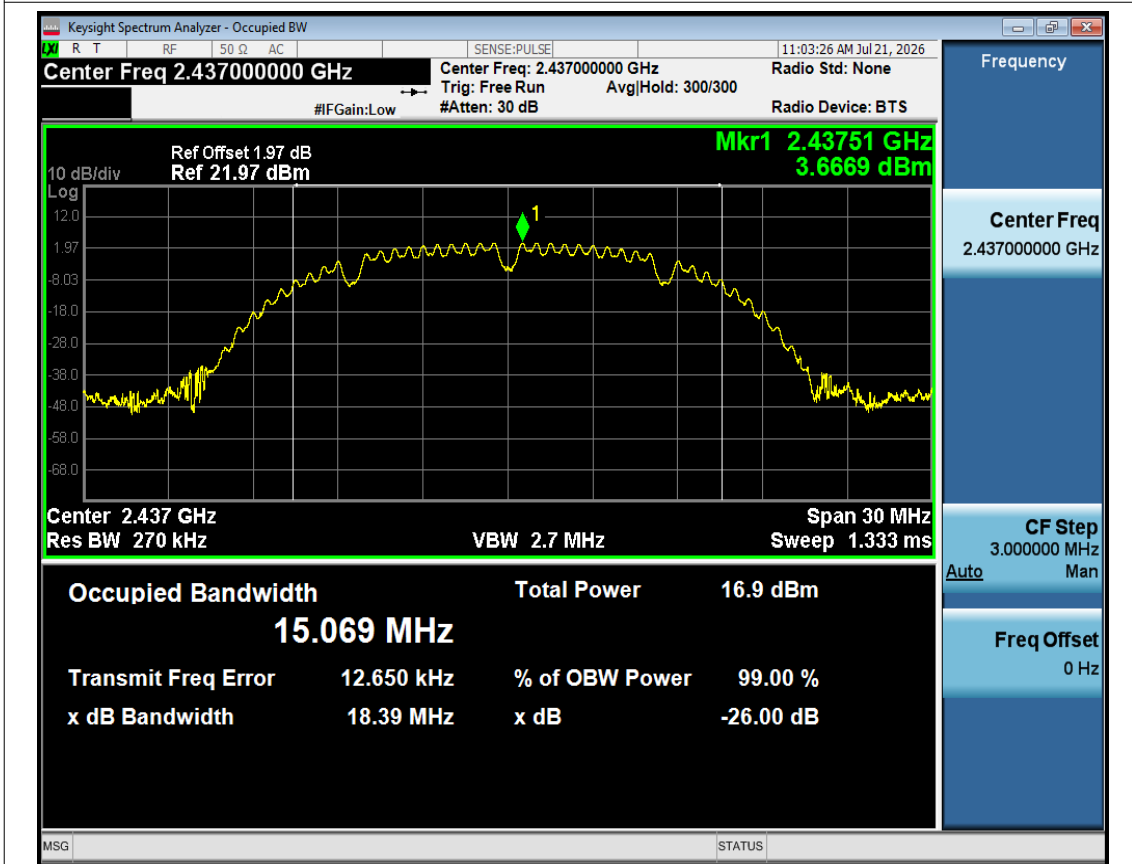
-6dB Bandwidth NVNT n40 2452MHz Ant1

Occupied Channel Bandwidth

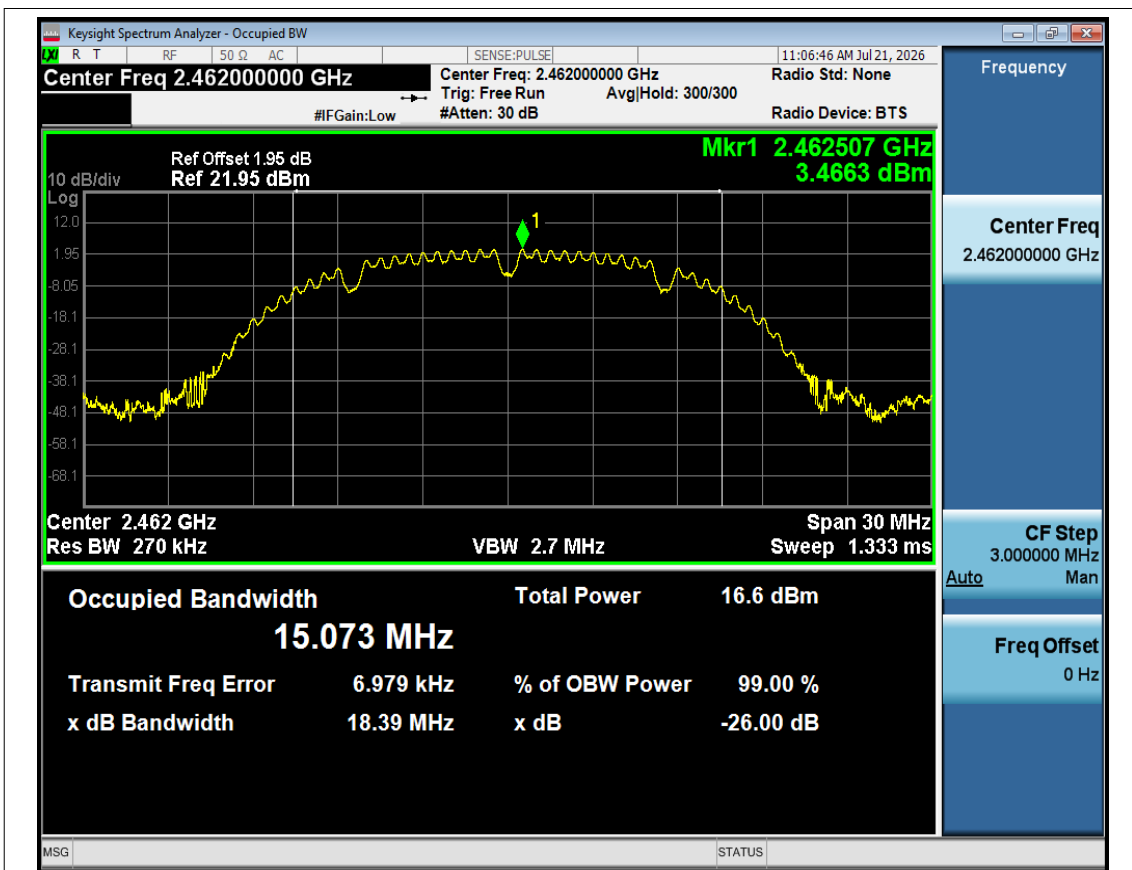
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.064
NVNT	b	2437	Ant1	15.069
NVNT	b	2462	Ant1	15.073
NVNT	g	2412	Ant1	16.36
NVNT	g	2437	Ant1	16.312
NVNT	g	2462	Ant1	16.328
NVNT	n20	2412	Ant1	17.45
NVNT	n20	2437	Ant1	17.466
NVNT	n20	2462	Ant1	17.456
NVNT	n40	2422	Ant1	35.86
NVNT	n40	2437	Ant1	35.85
NVNT	n40	2452	Ant1	35.872



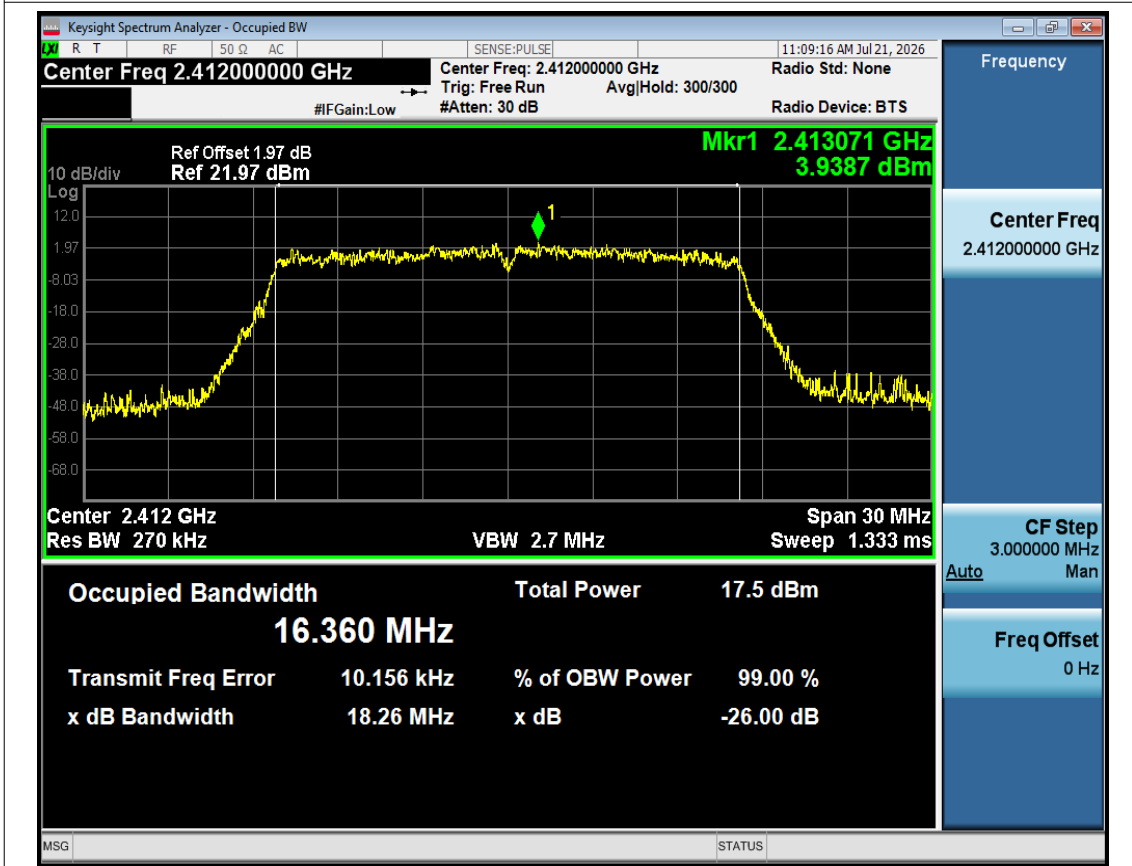
OBW NVNT b 2412MHz Ant1



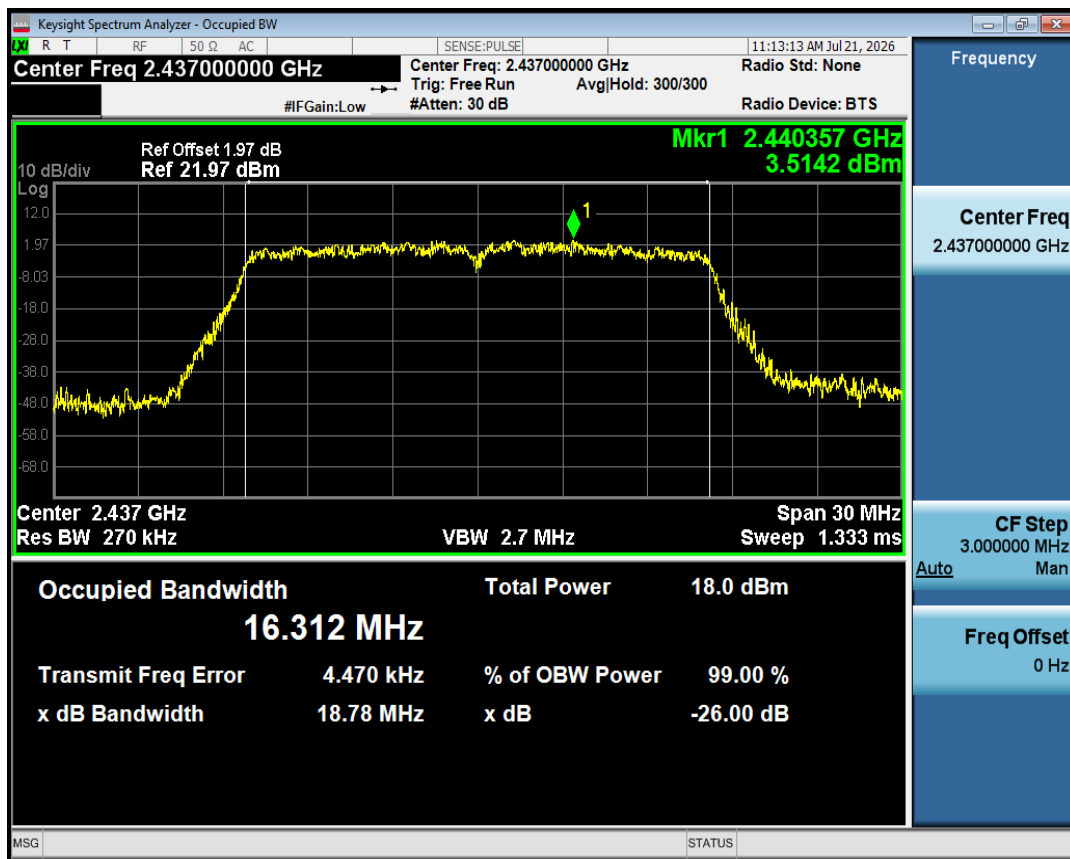
OBW NVNT b 2437MHz Ant1



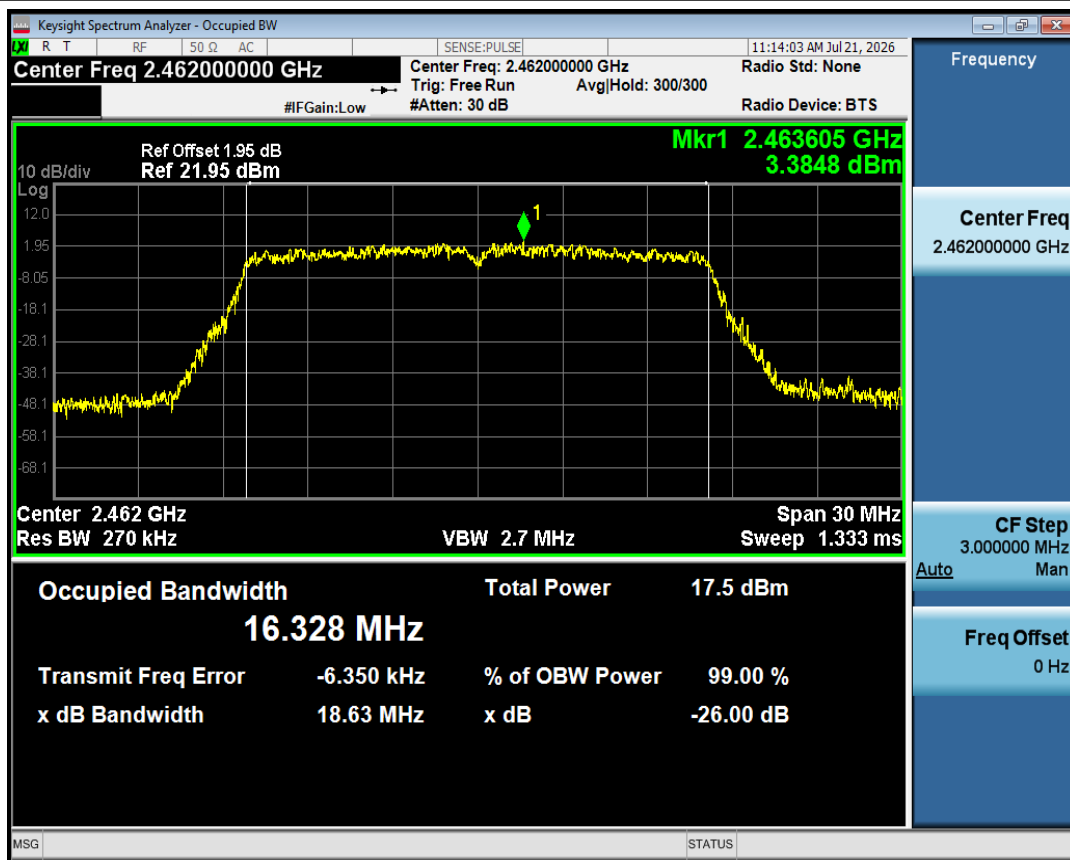
OBW NVNT b 2462MHz Ant1



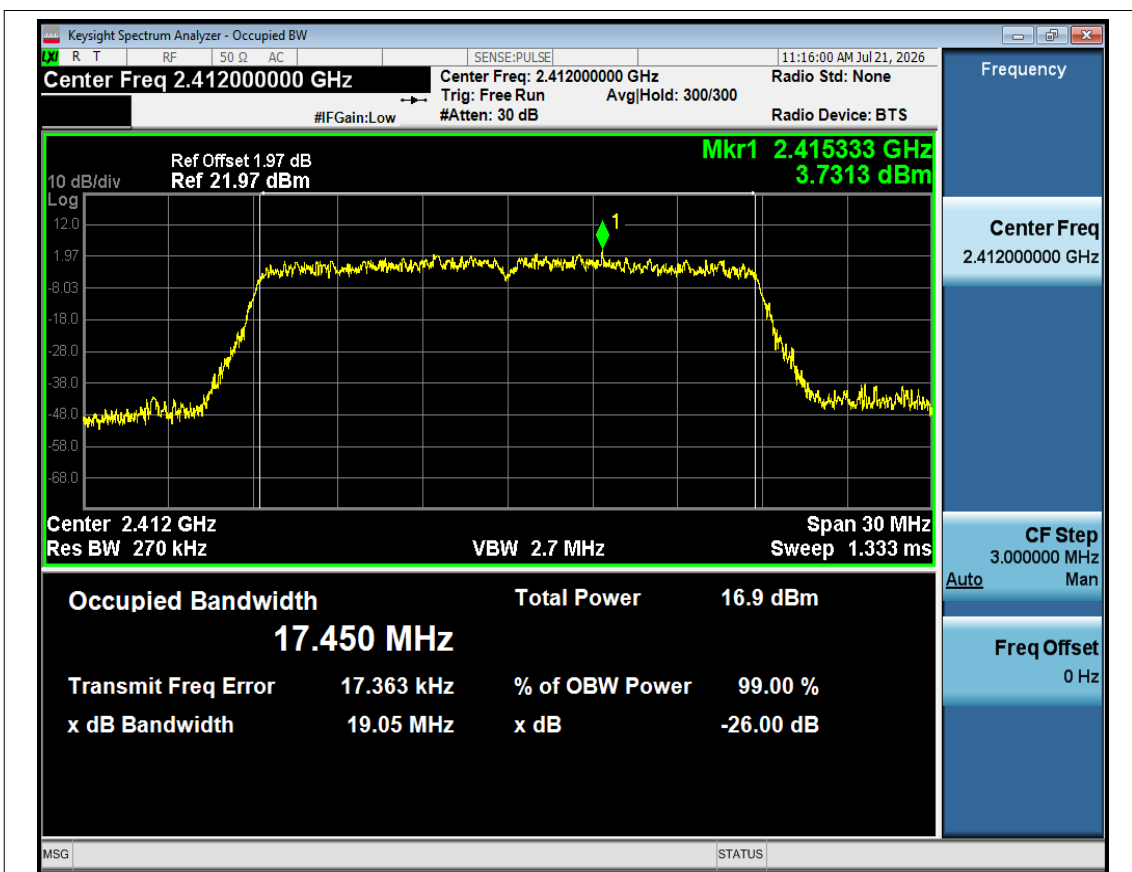
OBW NVNT g 2412MHz Ant1



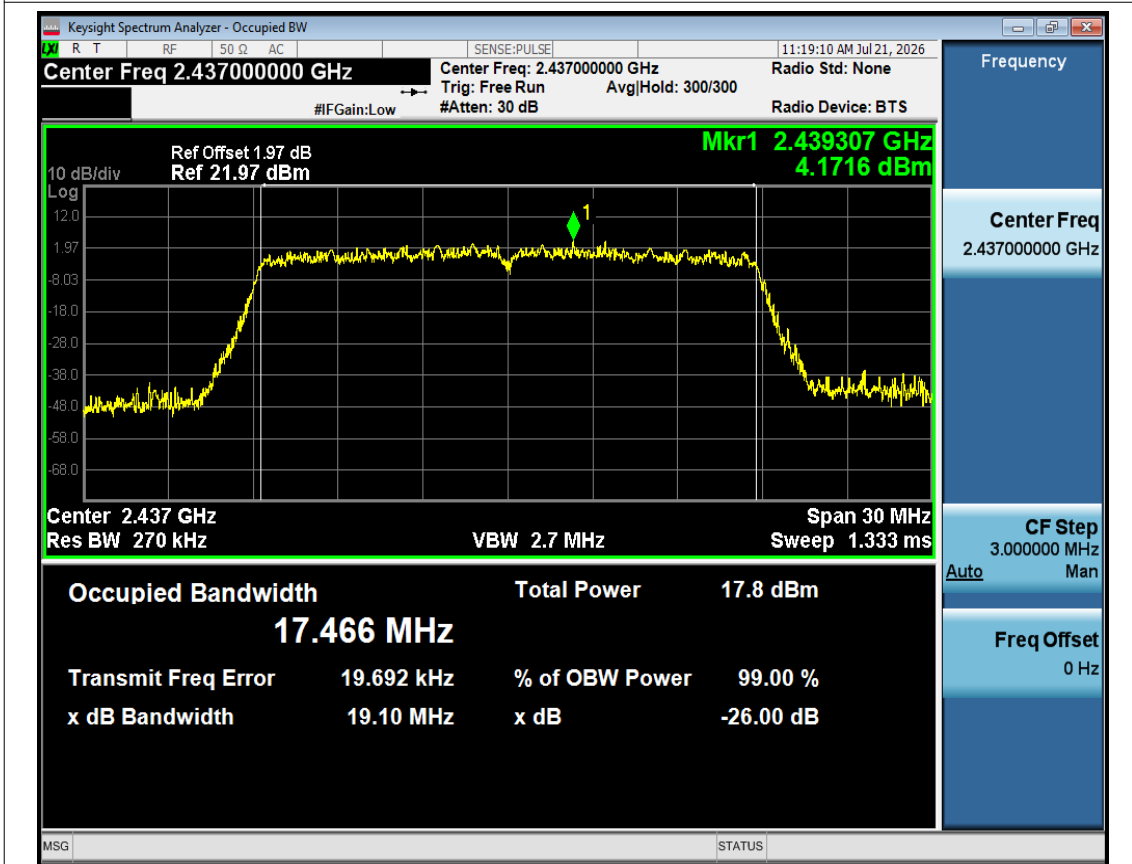
OBW NVNT g 2437MHz Ant1



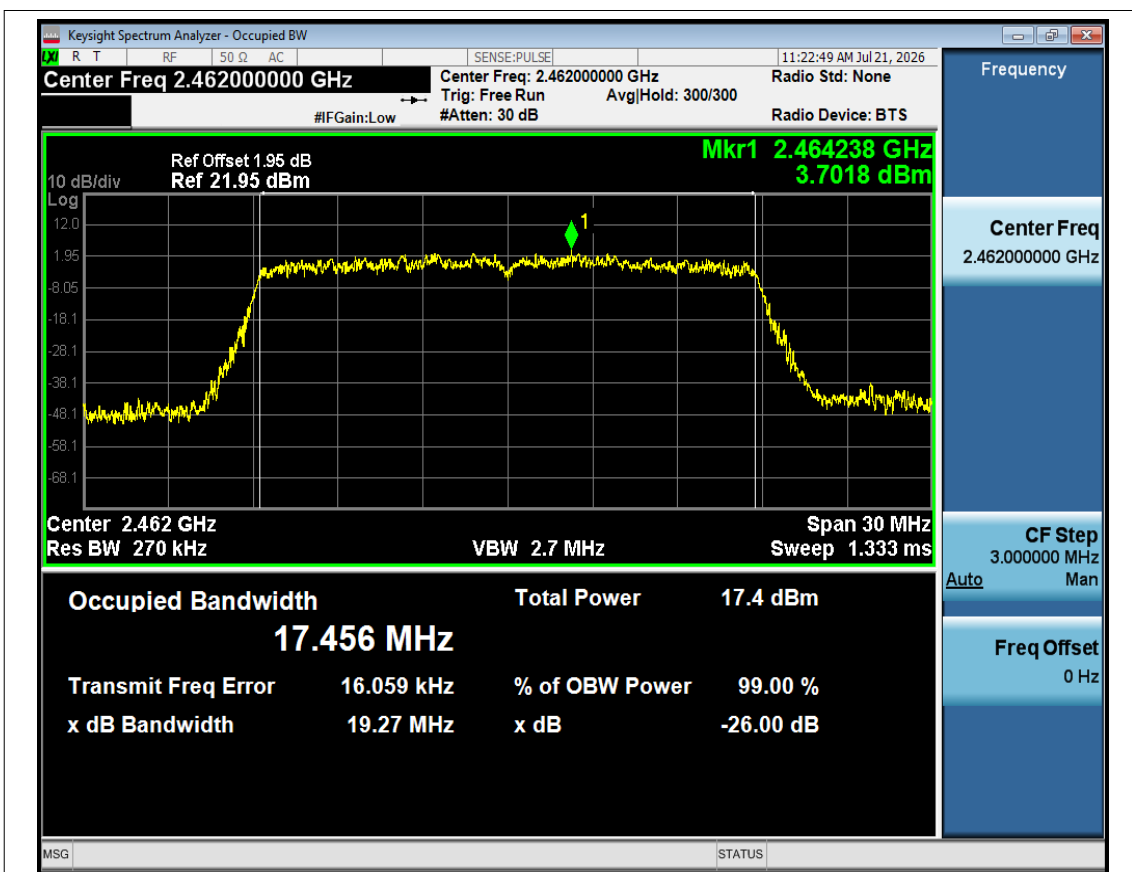
OBW NVNT g 2462MHz Ant1



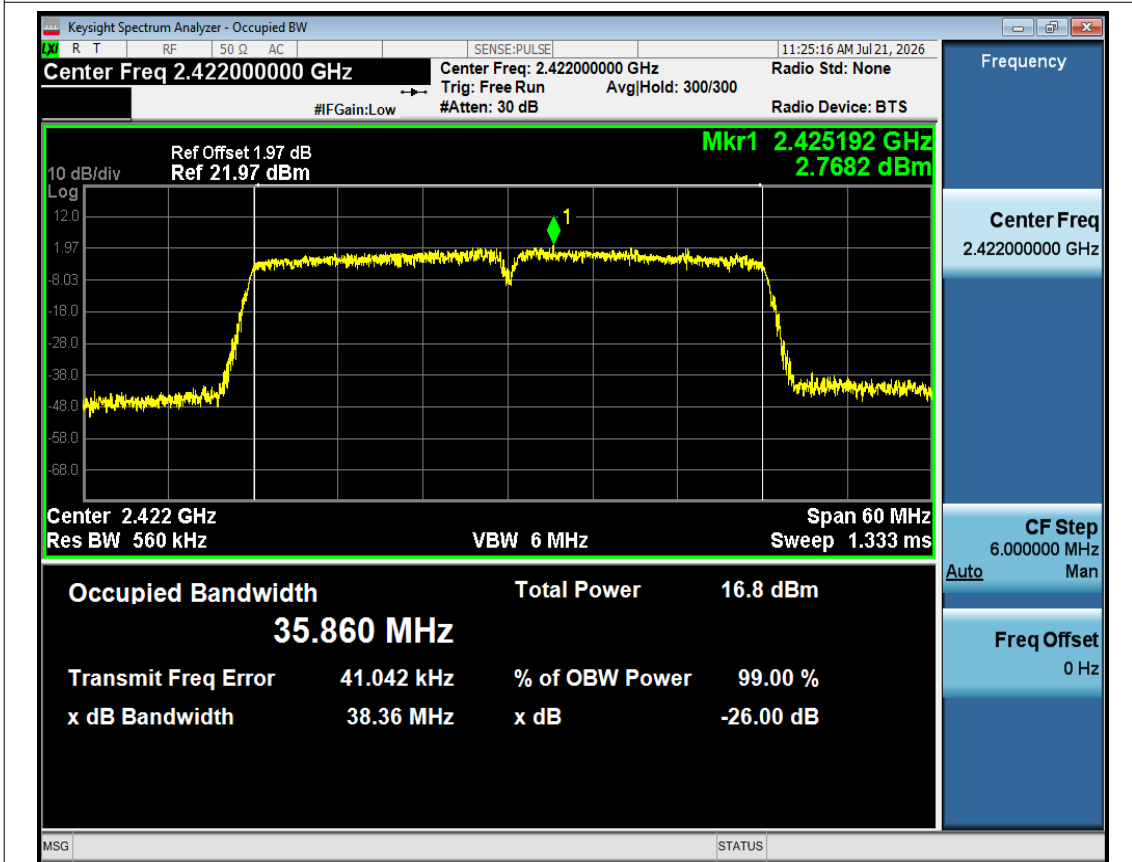
OBW NVNT n20 2412MHz Ant1



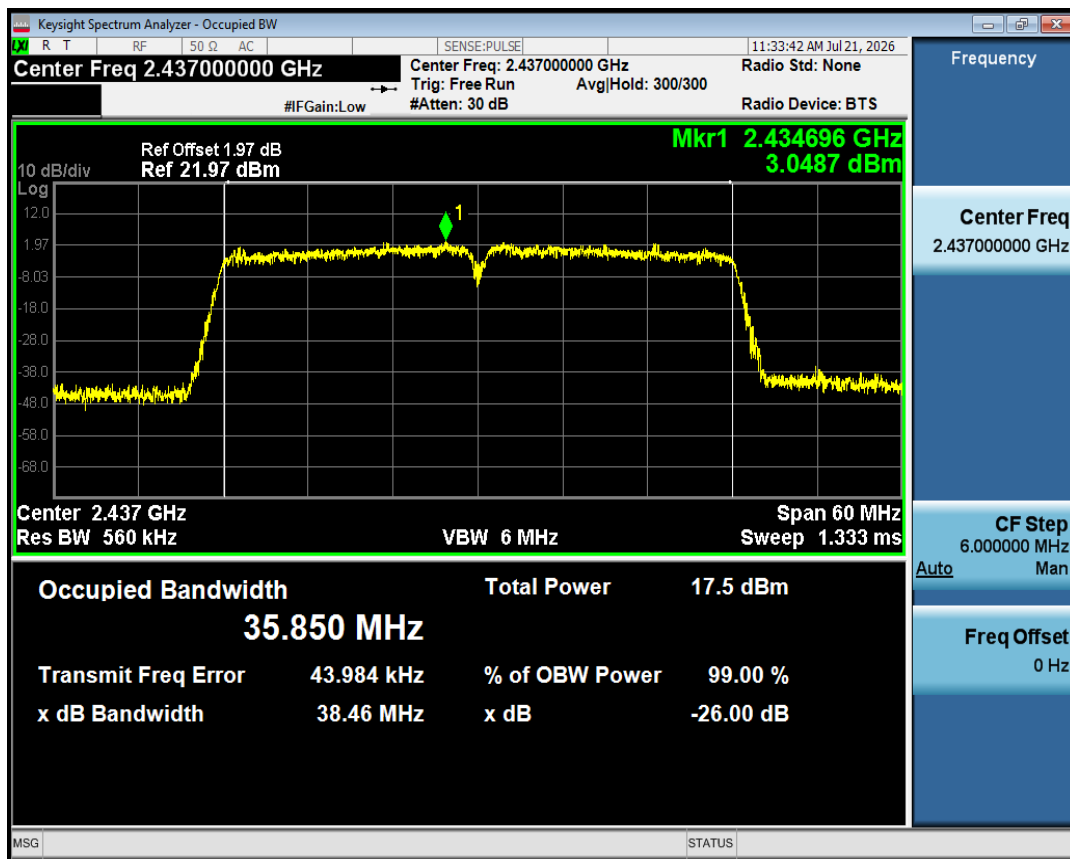
OBW NVNT n20 2437MHz Ant1



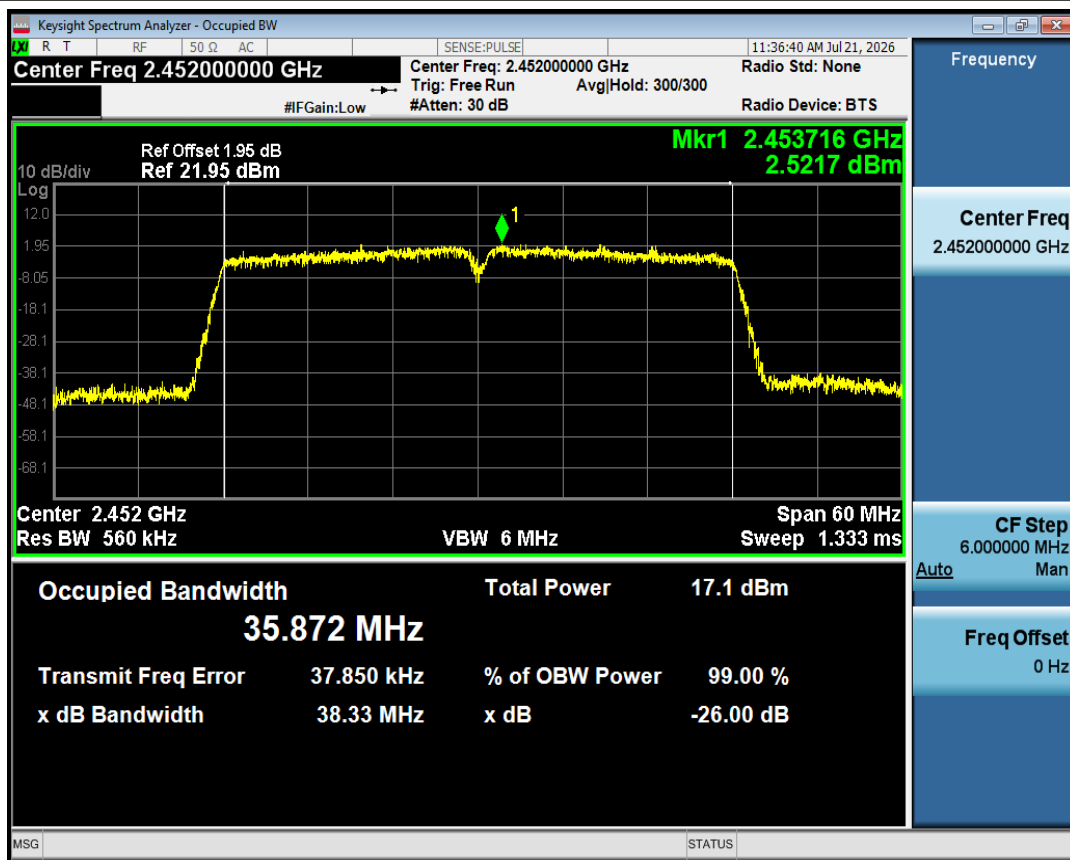
OBW NVNT n20 2462MHz Ant1



OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1

Maximum Power Spectral Density Level

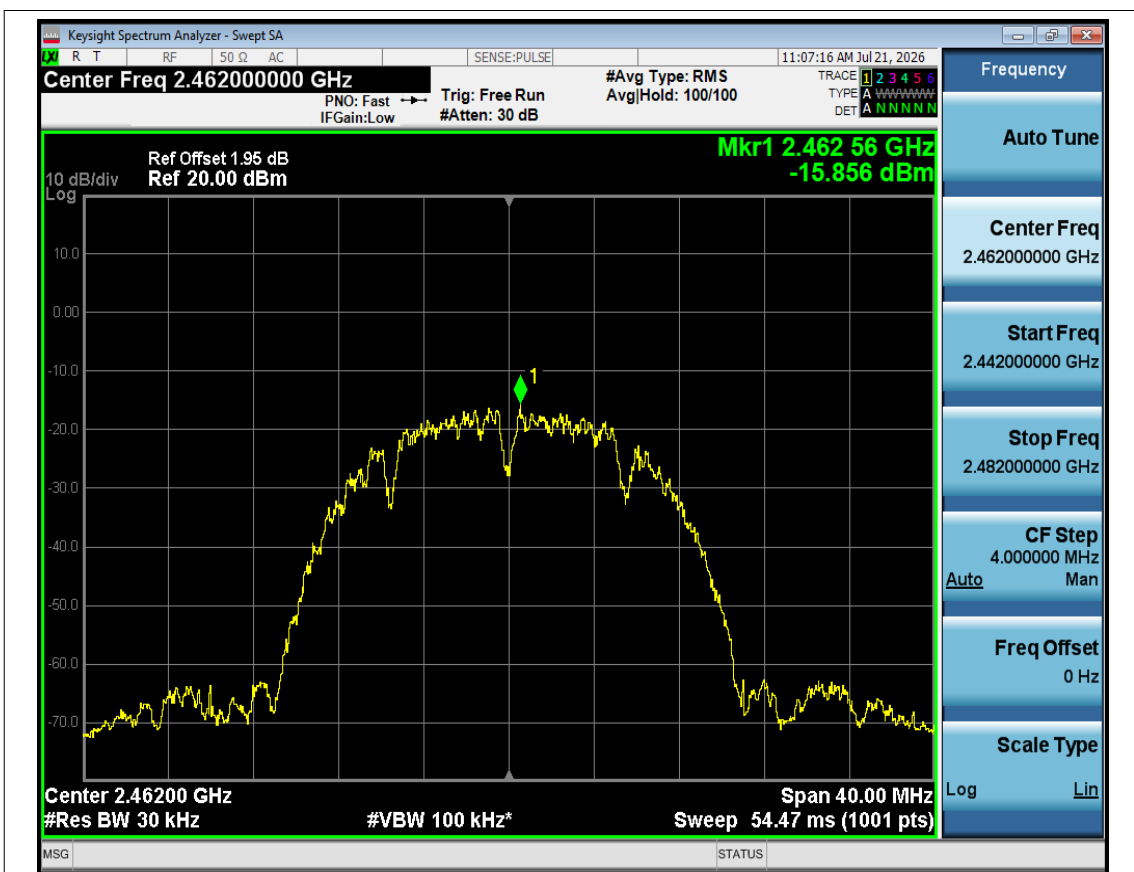
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/30kHz)	Duty Factor (dB)	Total PSD (dBm/30kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-16.97	6.61	-10.36	8	Pass
NVNT	b	2437	Ant1	-15.65	6.61	-9.04	8	Pass
NVNT	b	2462	Ant1	-15.86	6.61	-9.25	8	Pass
NVNT	g	2412	Ant1	-19.23	9.64	-9.59	8	Pass
NVNT	g	2437	Ant1	-17.81	9.63	-8.18	8	Pass
NVNT	g	2462	Ant1	-17.14	9.63	-7.51	8	Pass
NVNT	n20	2412	Ant1	-19.38	9.33	-10.05	8	Pass
NVNT	n20	2437	Ant1	-18.4	9.36	-9.04	8	Pass
NVNT	n20	2462	Ant1	-19.38	9.33	-10.05	8	Pass
NVNT	n40	2422	Ant1	-21.94	9.53	-12.41	8	Pass
NVNT	n40	2437	Ant1	-22.26	9.54	-12.72	8	Pass
NVNT	n40	2452	Ant1	-23.67	9.53	-14.14	8	Pass



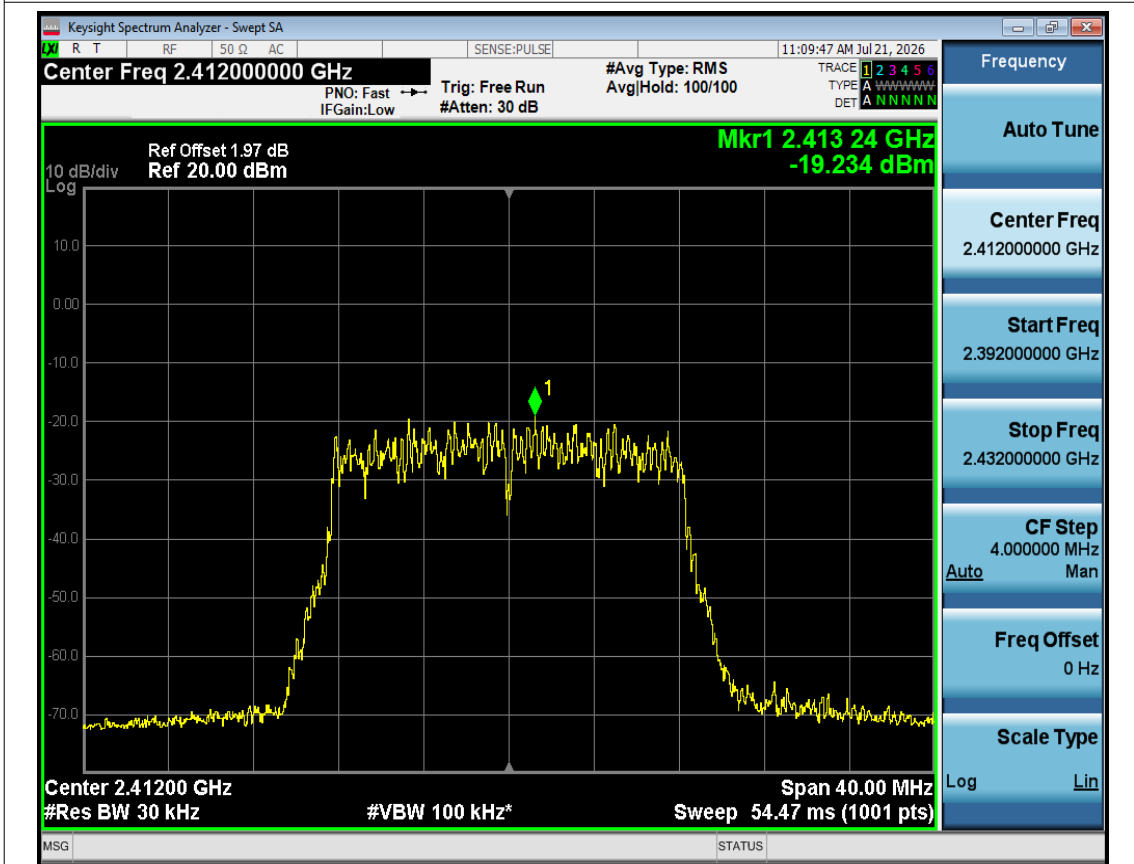
PSD NVNT b 2412MHz Ant1



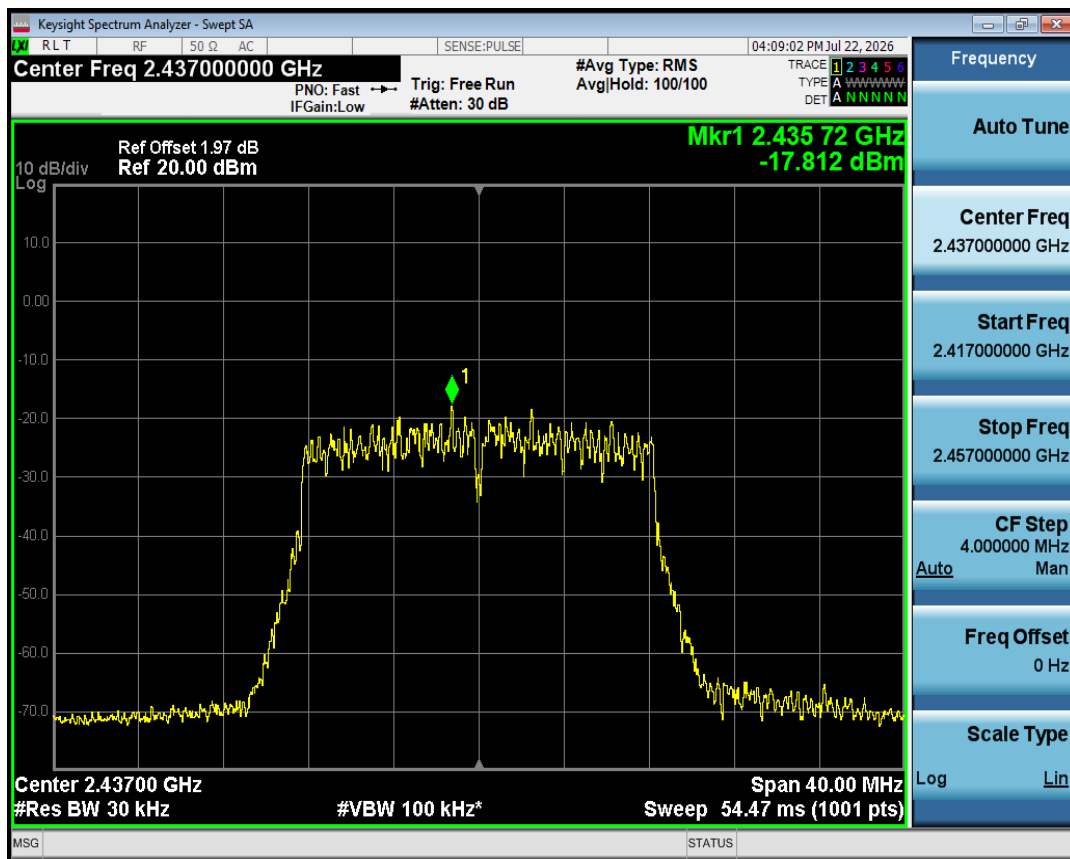
PSD NVNT b 2437MHz Ant1



PSD NVNT b 2462MHz Ant1



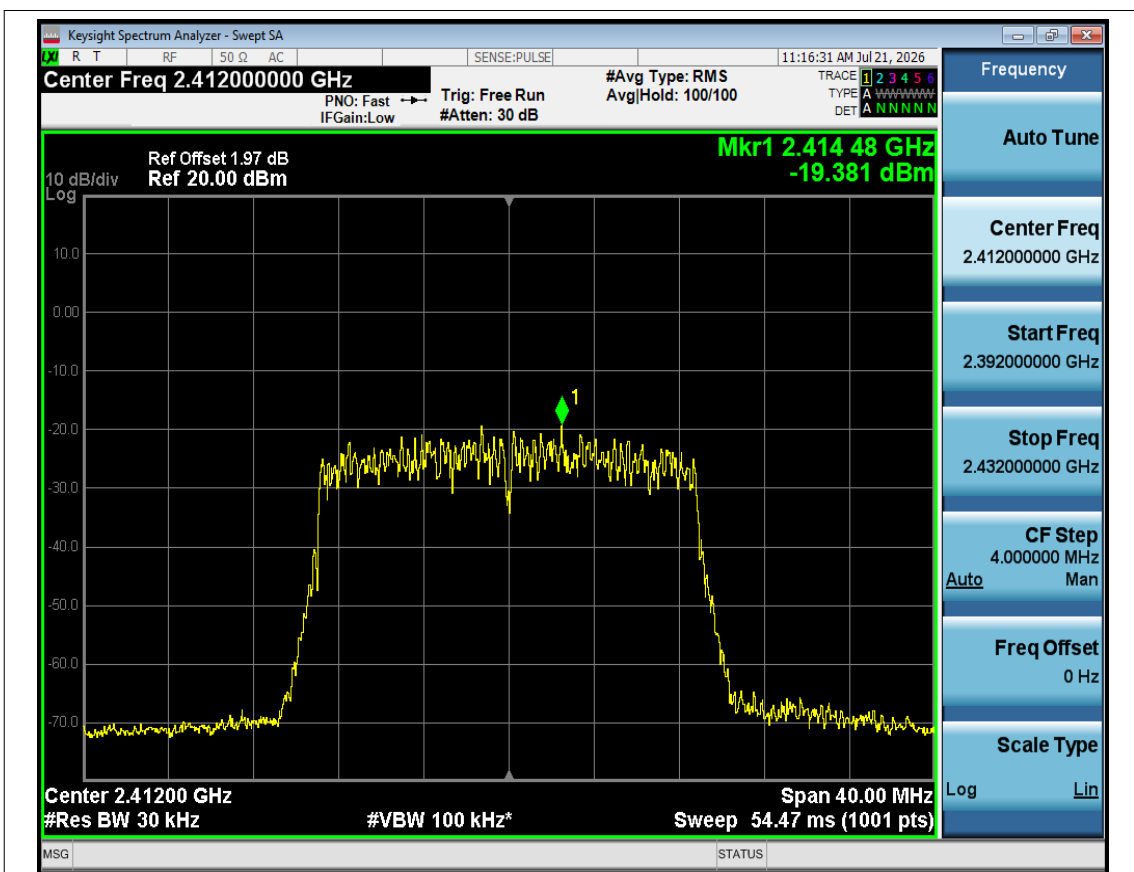
PSD NVNT g 2412MHz Ant1



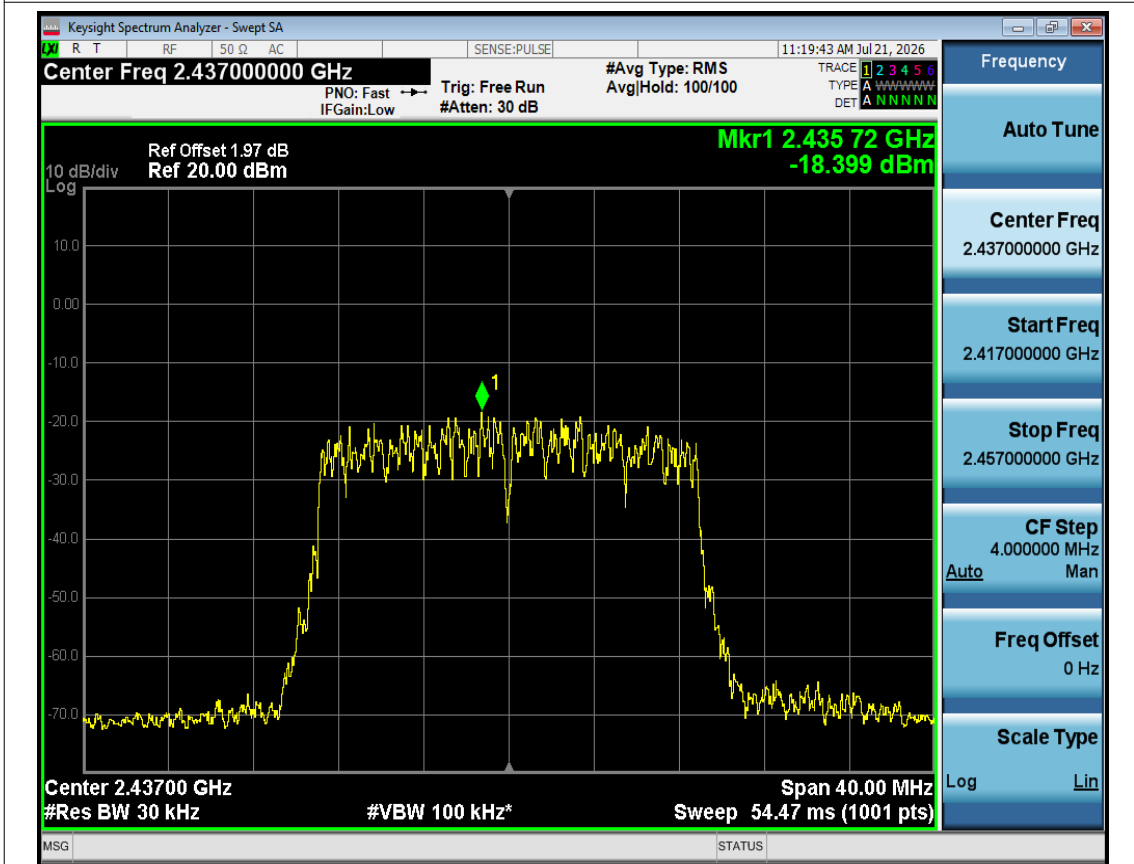
PSD NVNT g 2437MHz Ant1



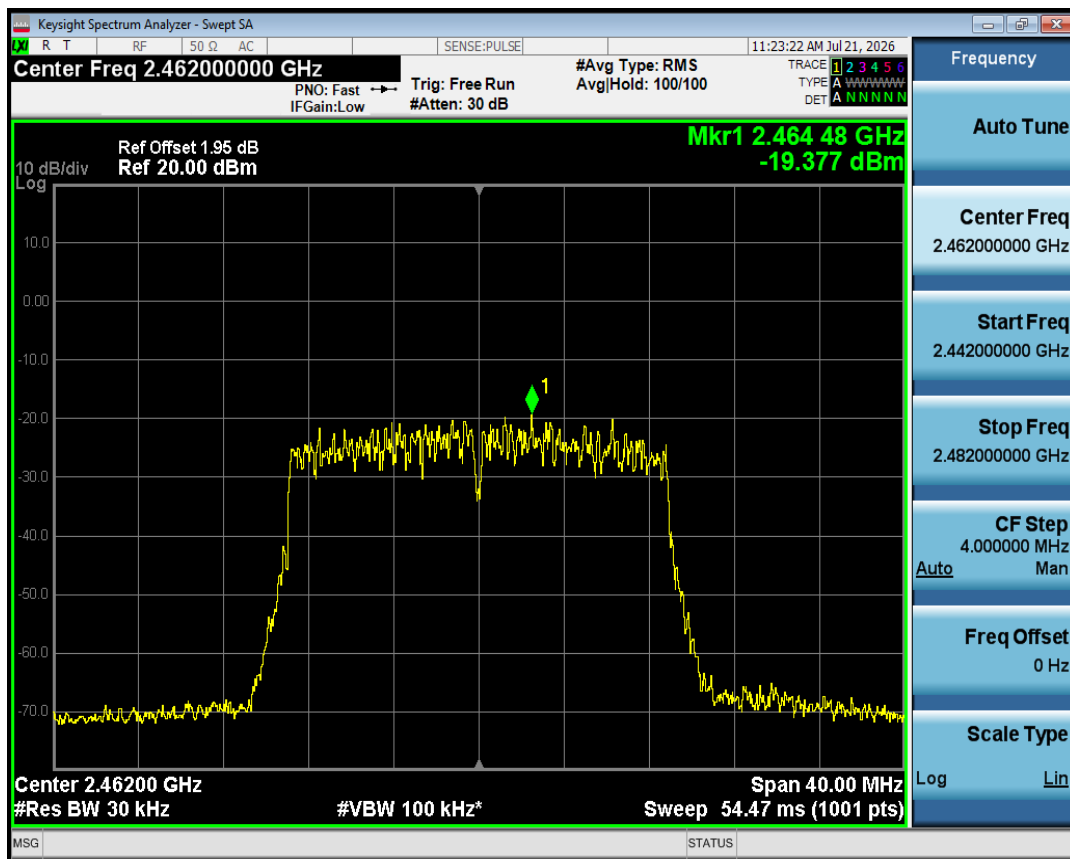
PSD NVNT g 2462MHz Ant1



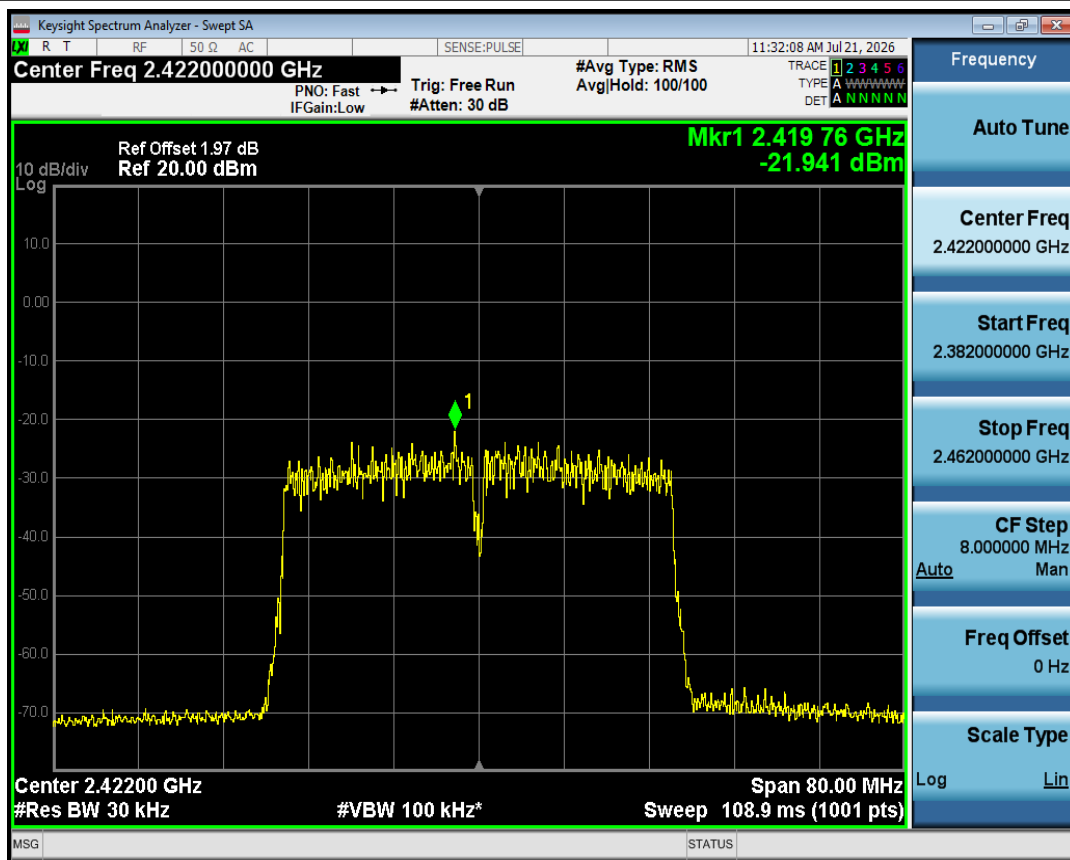
PSD NVNT n20 2412MHz Ant1



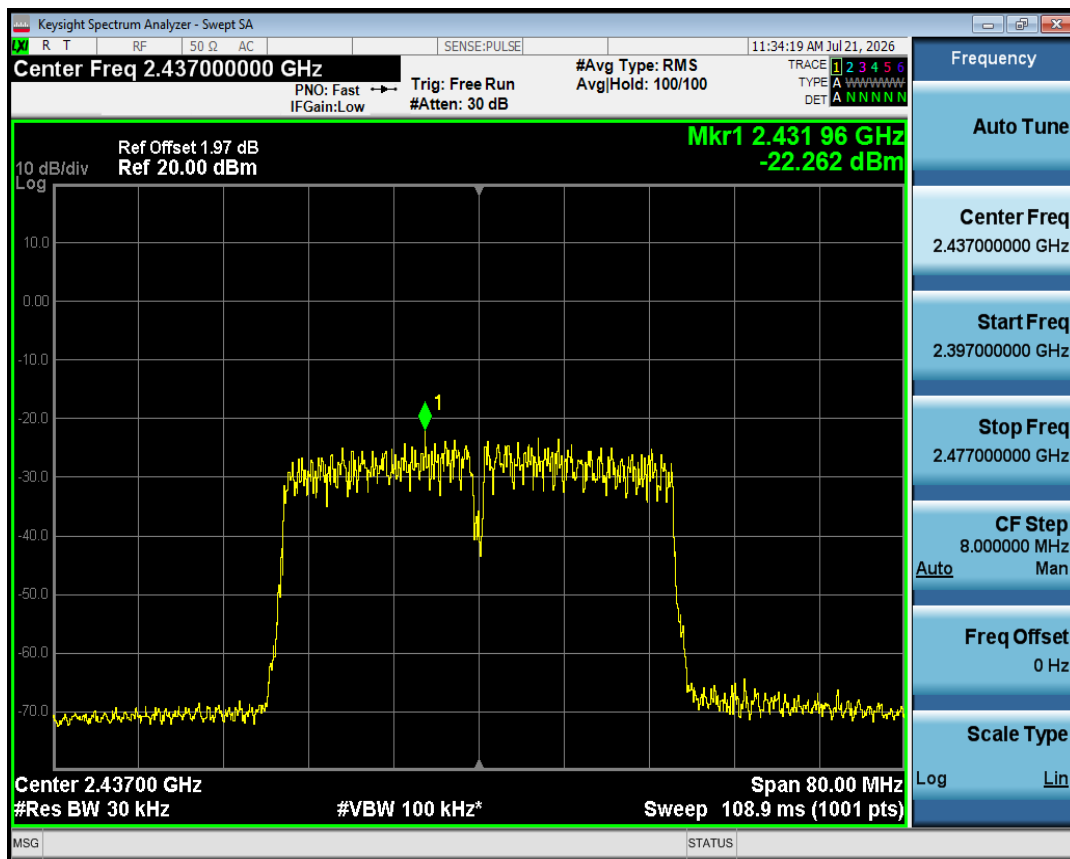
PSD NVNT n20 2437MHz Ant1



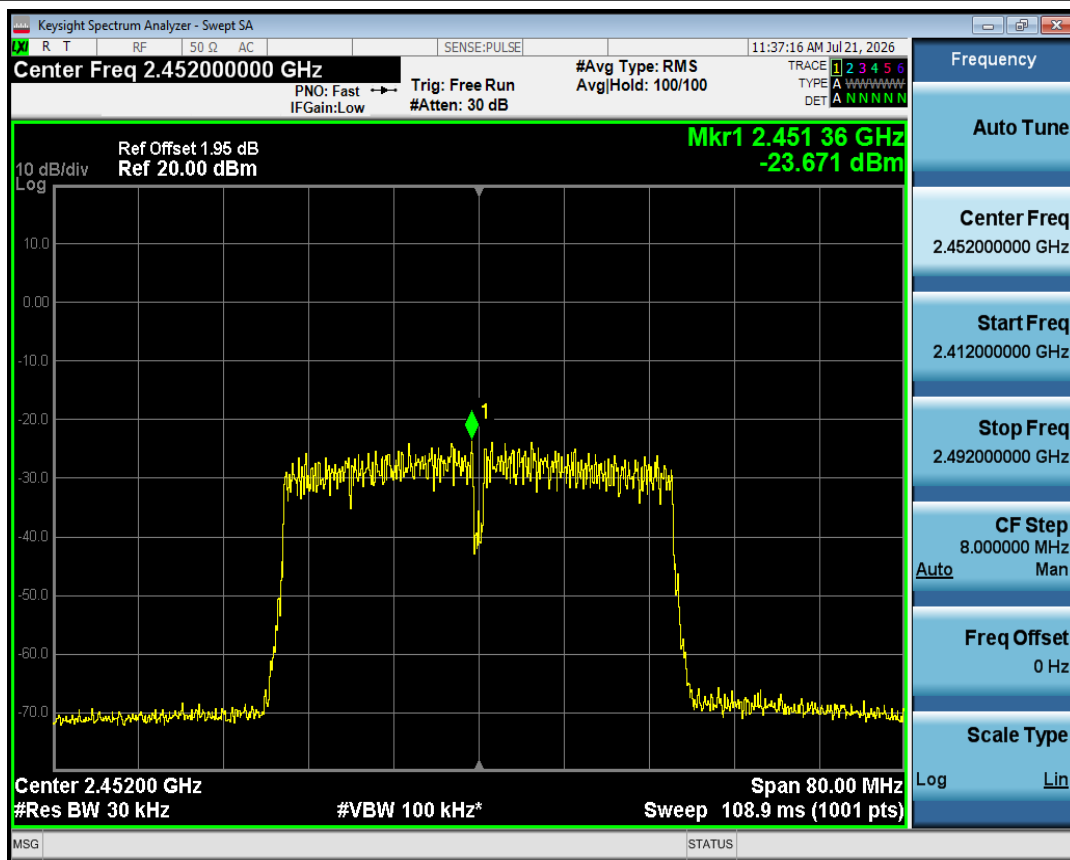
PSD NVNT n20 2462MHz Ant1



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



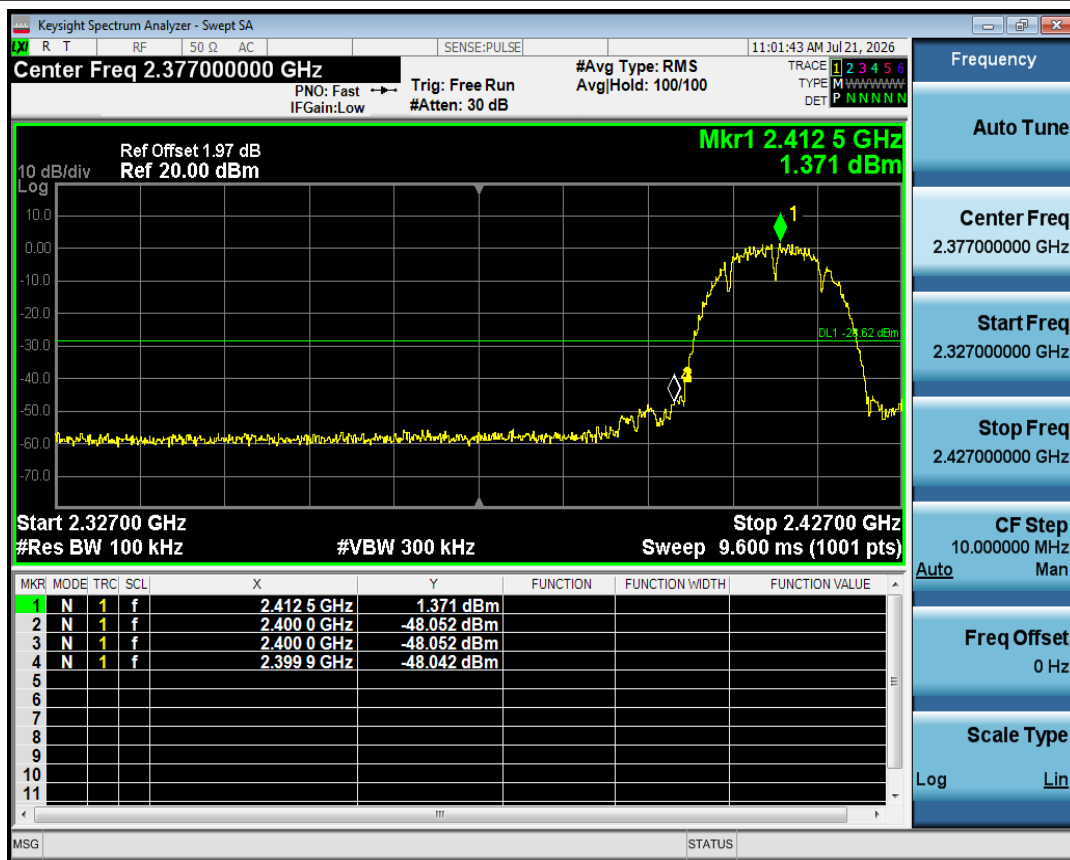
PSD NVNT n40 2452MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.42	-30	Pass
NVNT	b	2462	Ant1	-55.87	-30	Pass
NVNT	g	2412	Ant1	-47.64	-30	Pass
NVNT	g	2462	Ant1	-54.85	-30	Pass
NVNT	n20	2412	Ant1	-49.24	-30	Pass
NVNT	n20	2462	Ant1	-52.75	-30	Pass
NVNT	n40	2422	Ant1	-46.24	-30	Pass
NVNT	n40	2452	Ant1	-43.58	-30	Pass



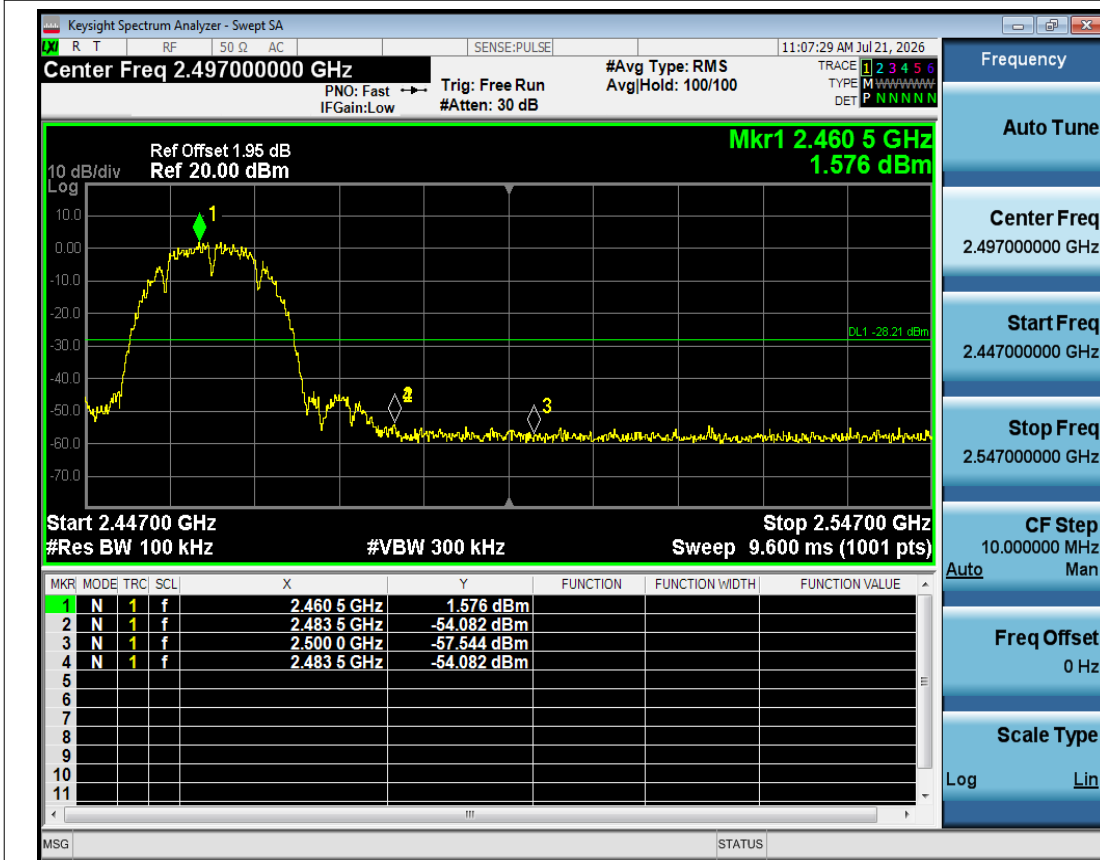
Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



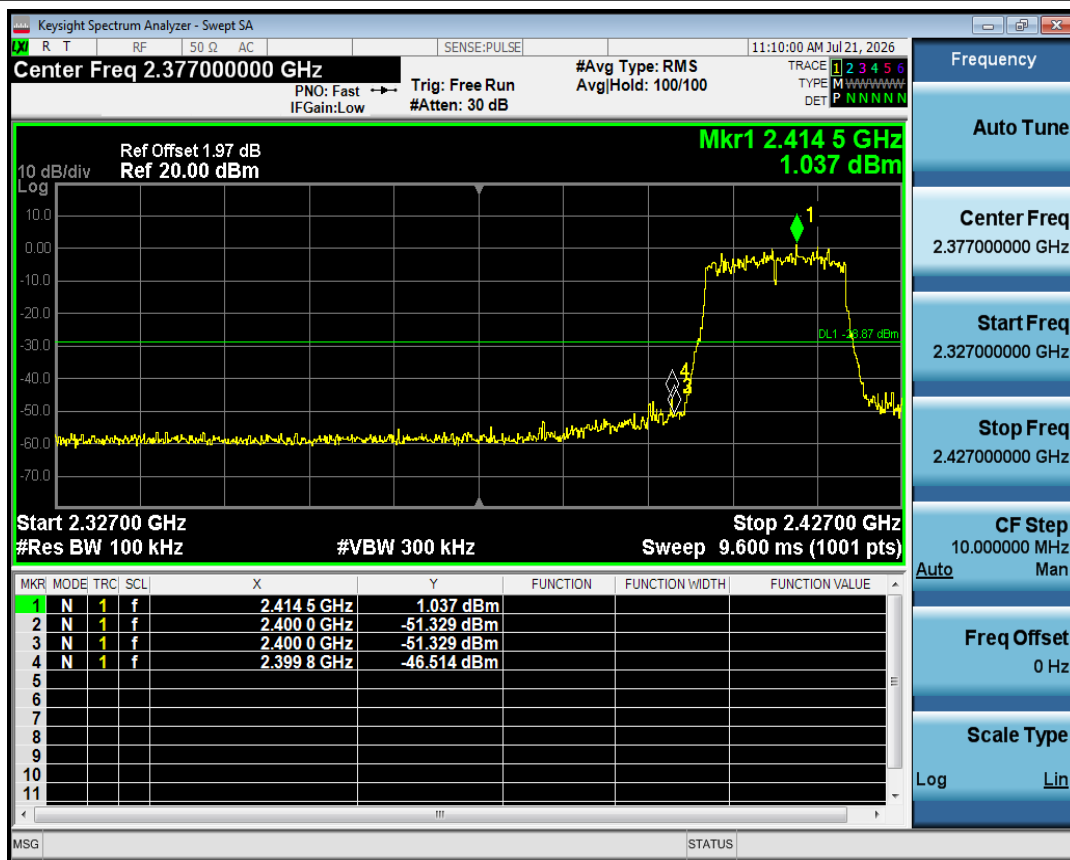
Band Edge NVNT b 2462MHz Ant1 Ref



Band Edge NVNT b 2462MHz Ant1 Emission



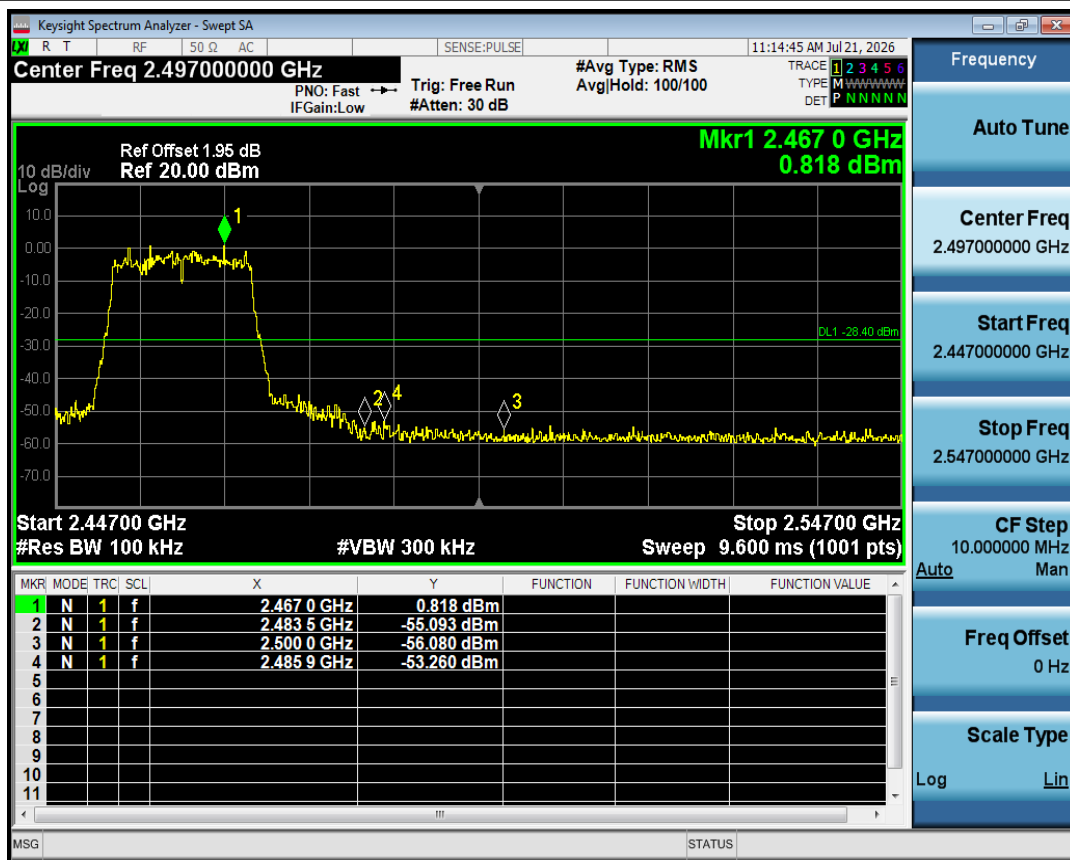
Band Edge NVNT g 2412MHz Ant1 Ref



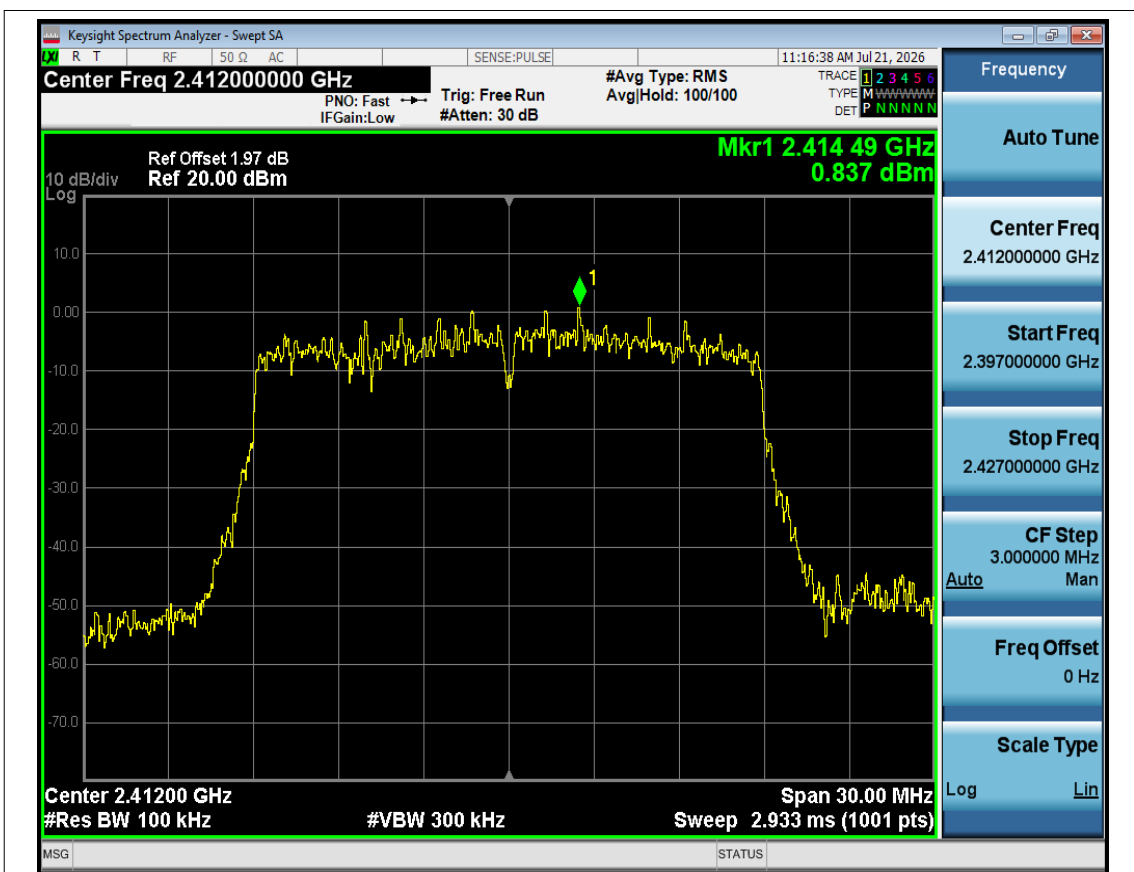
Band Edge NVNT g 2412MHz Ant1 Emission



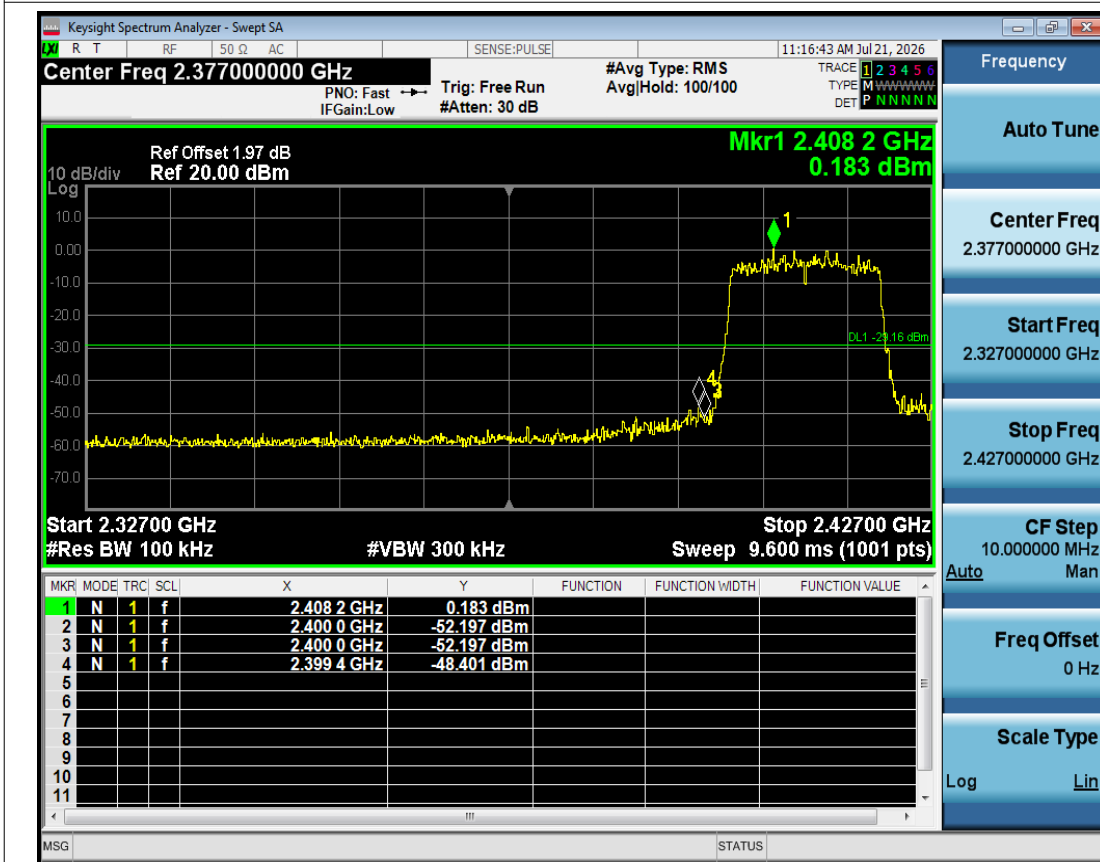
Band Edge NVNT g 2462MHz Ant1 Ref



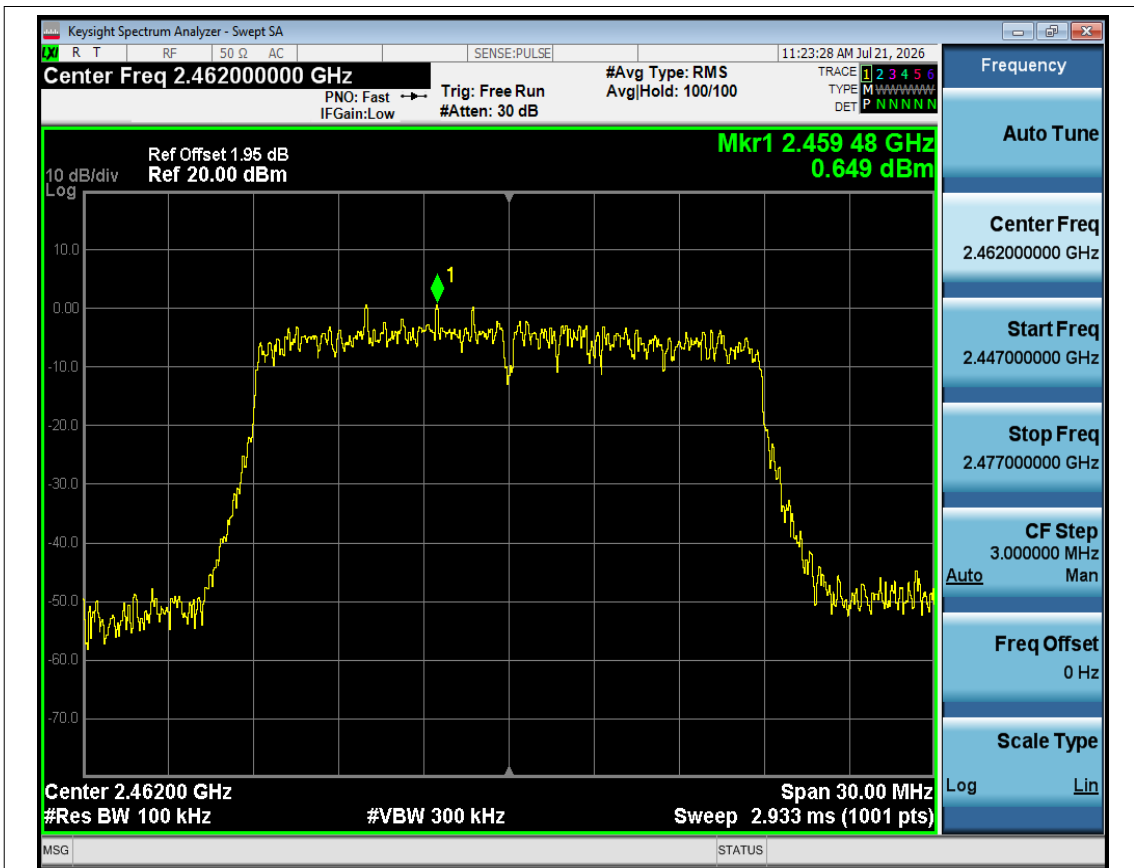
Band Edge NVNT g 2462MHz Ant1 Emission



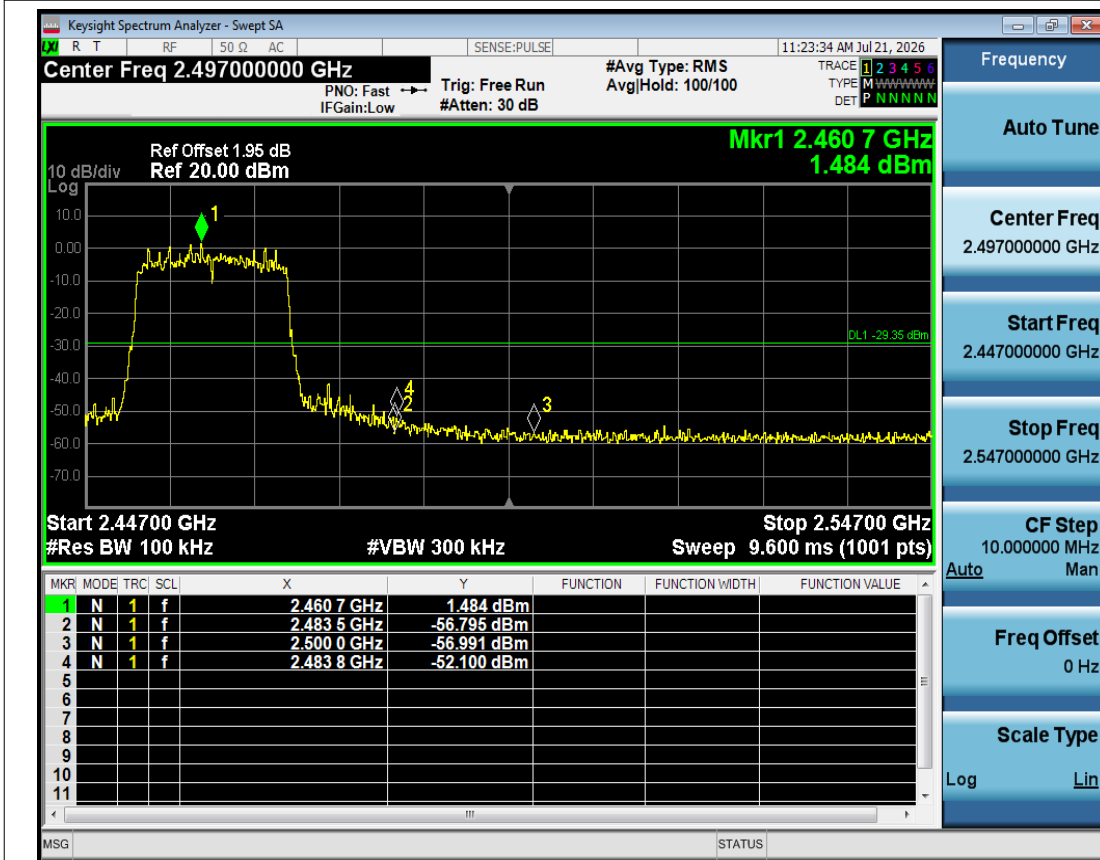
Band Edge NVNT n20 2412MHz Ant1 Ref



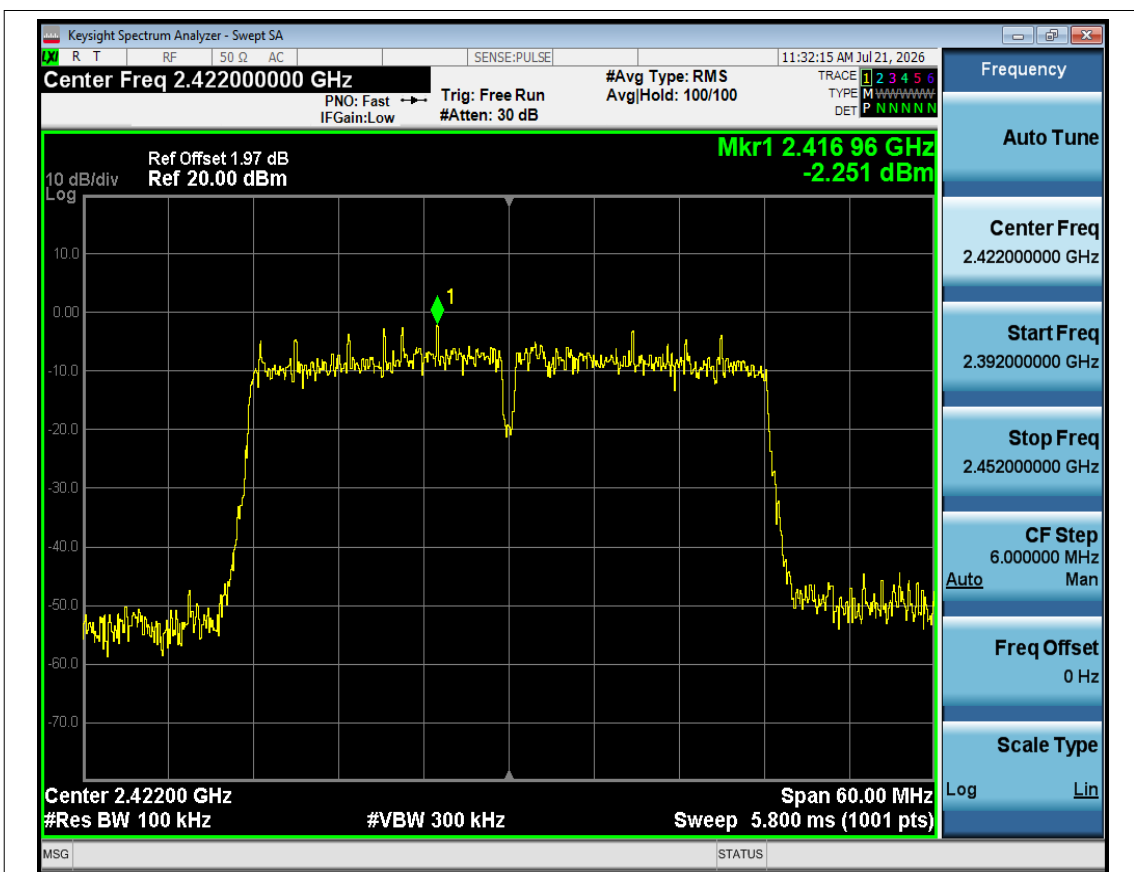
Band Edge NVNT n20 2412MHz Ant1 Emission



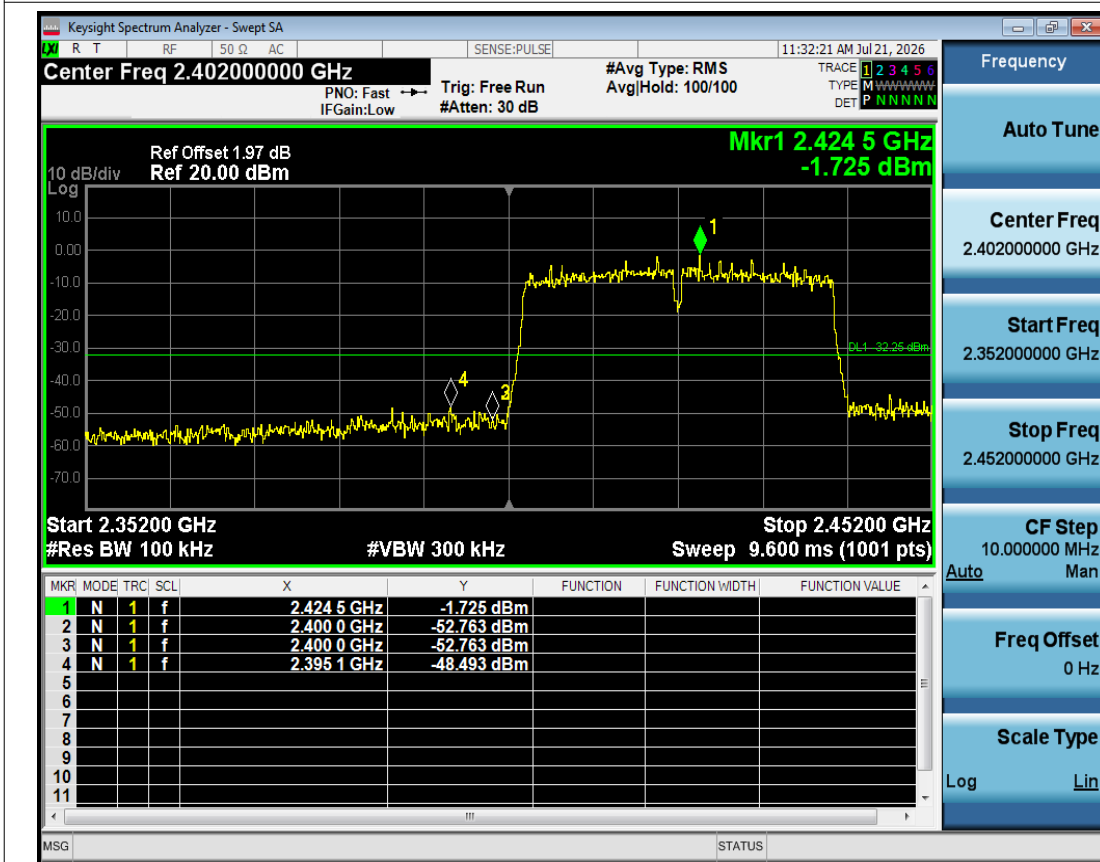
Band Edge NVNT n20 2462MHz Ant1 Ref



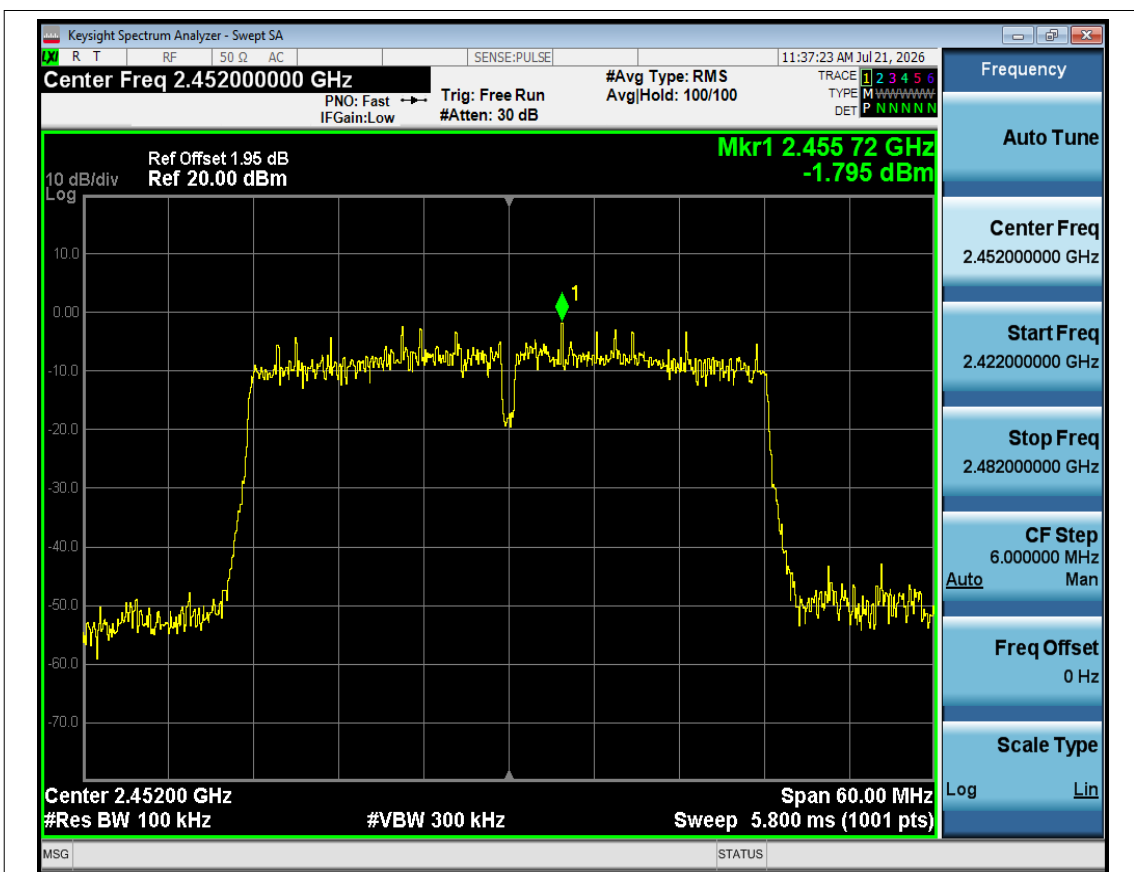
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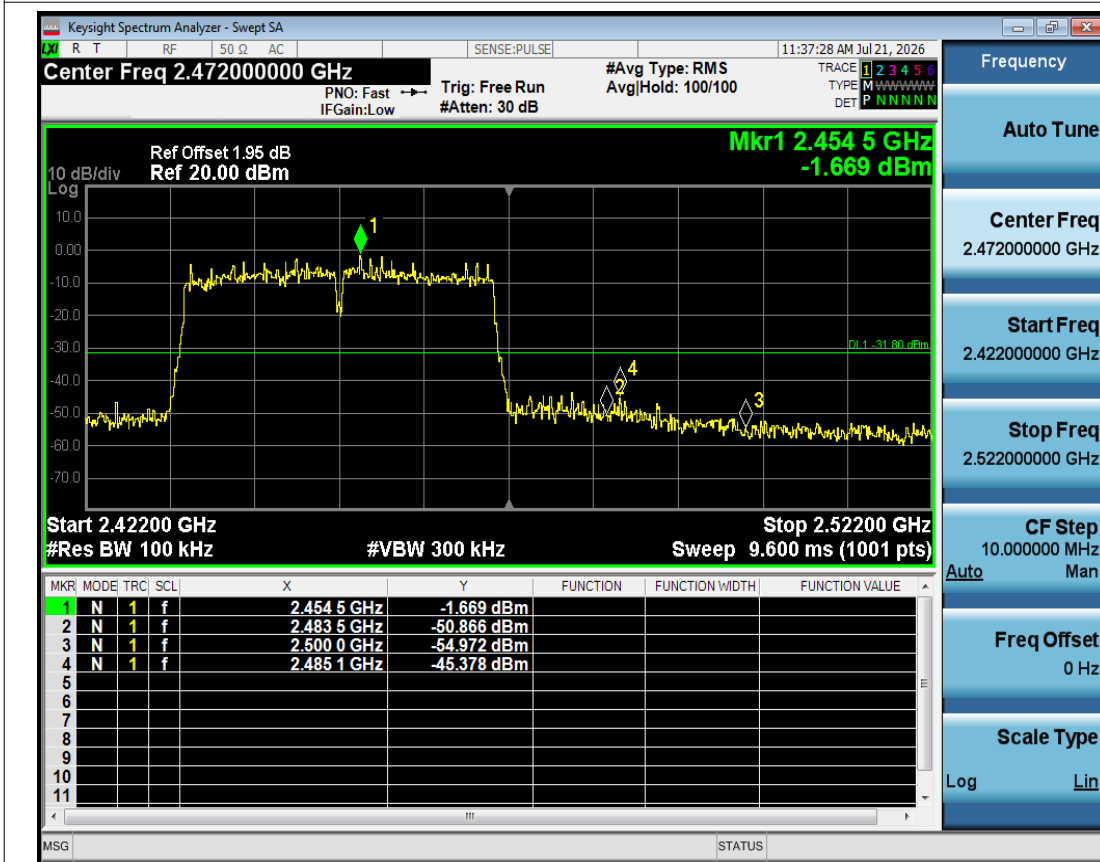
Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



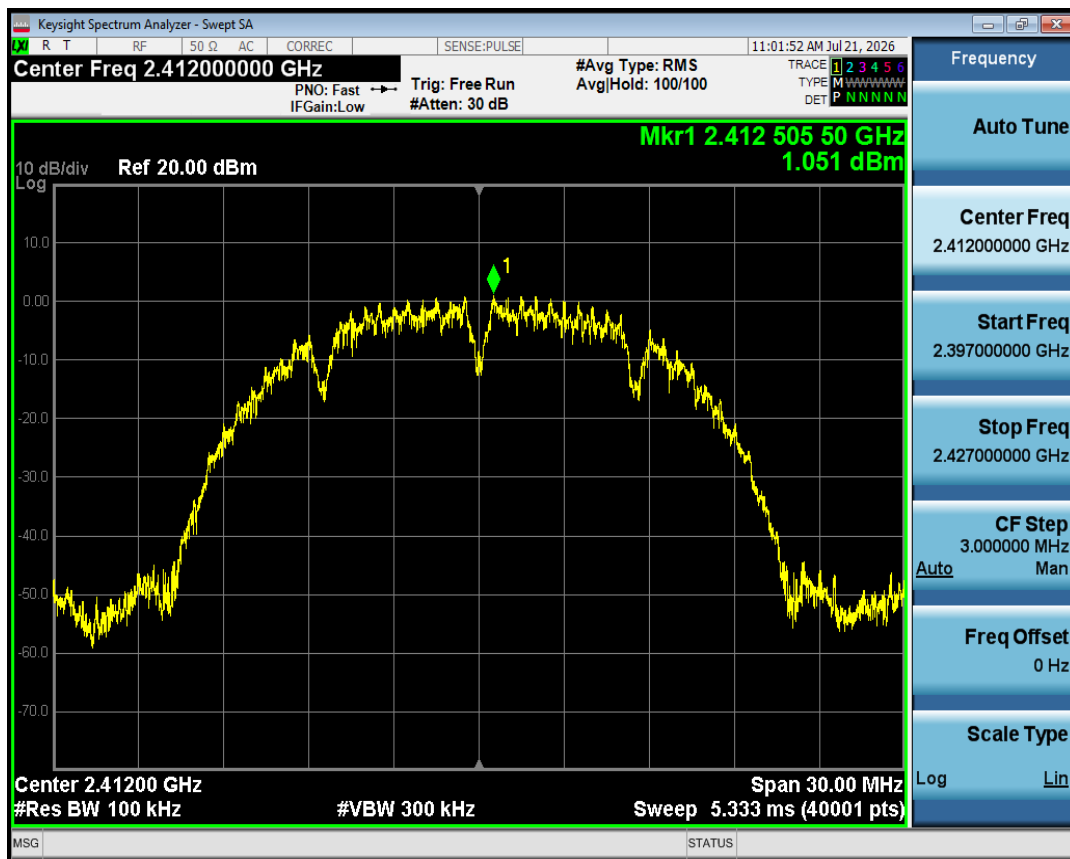
Band Edge NVNT n40 2452MHz Ant1 Ref



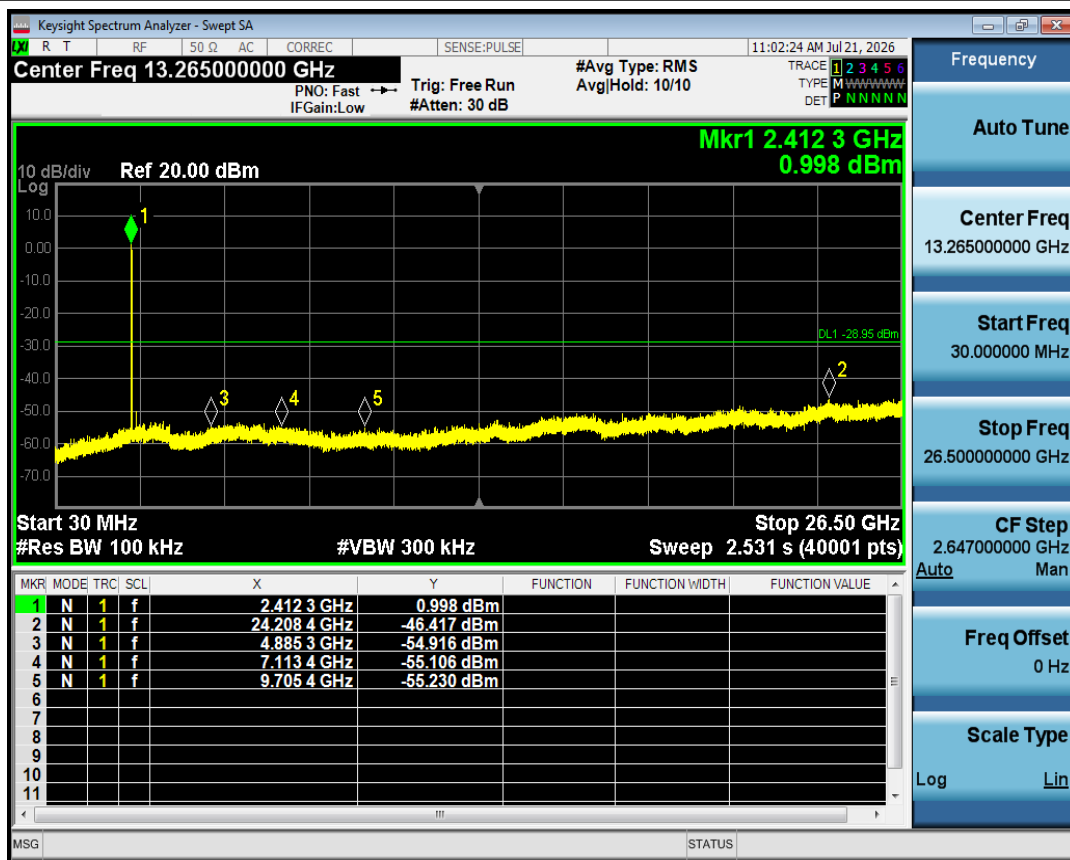
Band Edge NVNT n40 2452MHz Ant1 Emission

Conducted RF Spurious Emission

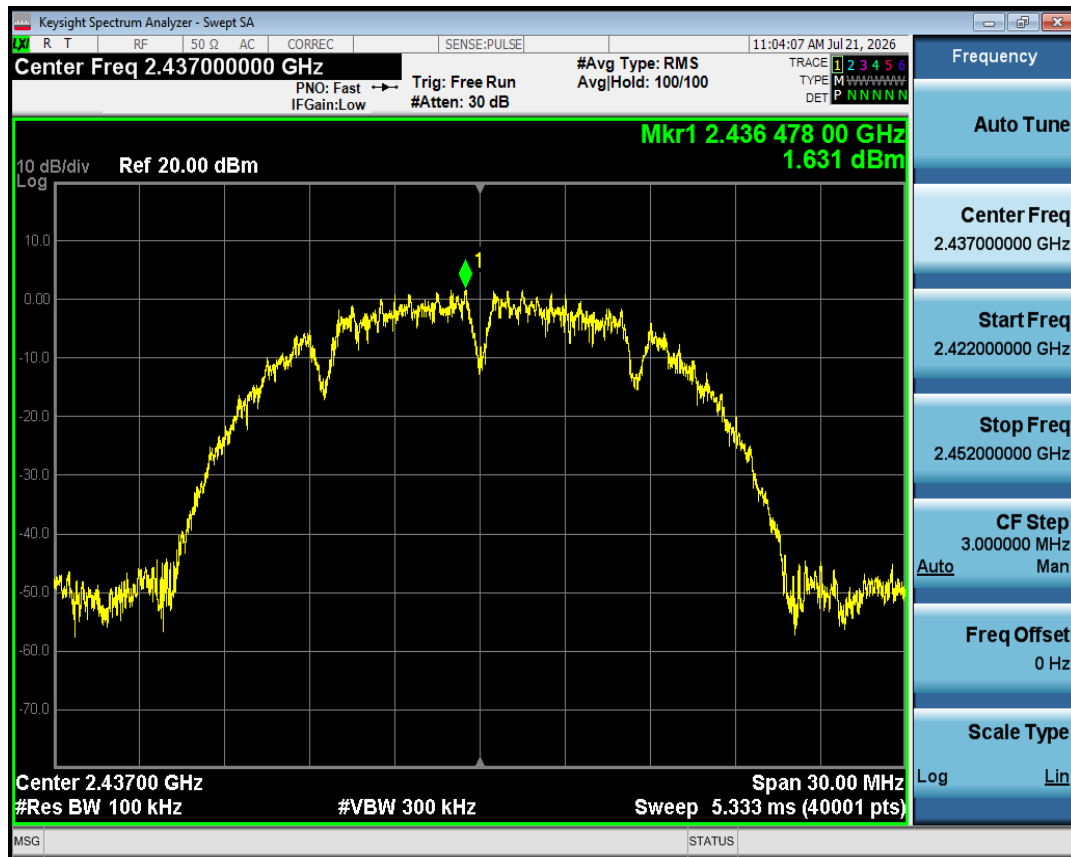
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.46	-30	Pass
NVNT	b	2437	Ant1	-48.36	-30	Pass
NVNT	b	2462	Ant1	-47.72	-30	Pass
NVNT	g	2412	Ant1	-47.26	-30	Pass
NVNT	g	2437	Ant1	-47.76	-30	Pass
NVNT	g	2462	Ant1	-47.55	-30	Pass
NVNT	n20	2412	Ant1	-47.99	-30	Pass
NVNT	n20	2437	Ant1	-48.24	-30	Pass
NVNT	n20	2462	Ant1	-47.52	-30	Pass
NVNT	n40	2422	Ant1	-44.92	-30	Pass
NVNT	n40	2437	Ant1	-43.64	-30	Pass
NVNT	n40	2452	Ant1	-44.81	-30	Pass



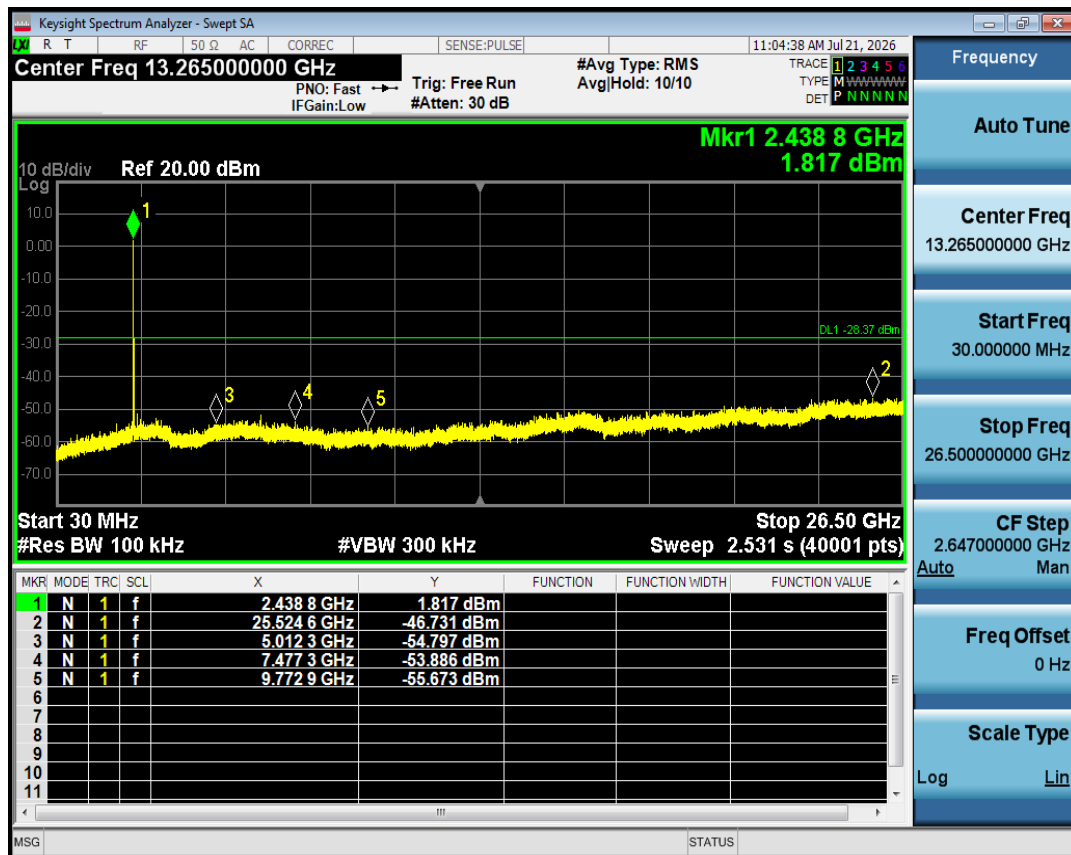
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



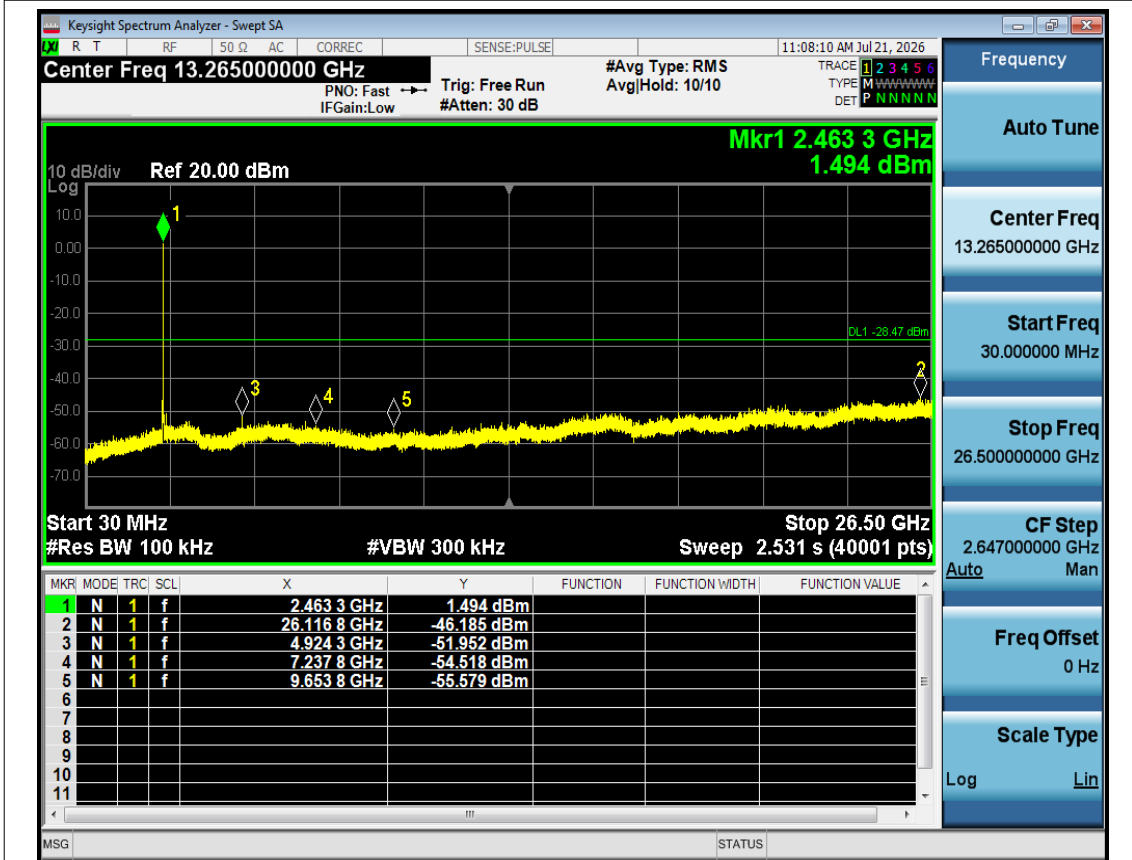
Tx. Spurious NVNT b 2437MHz Ant1 Ref



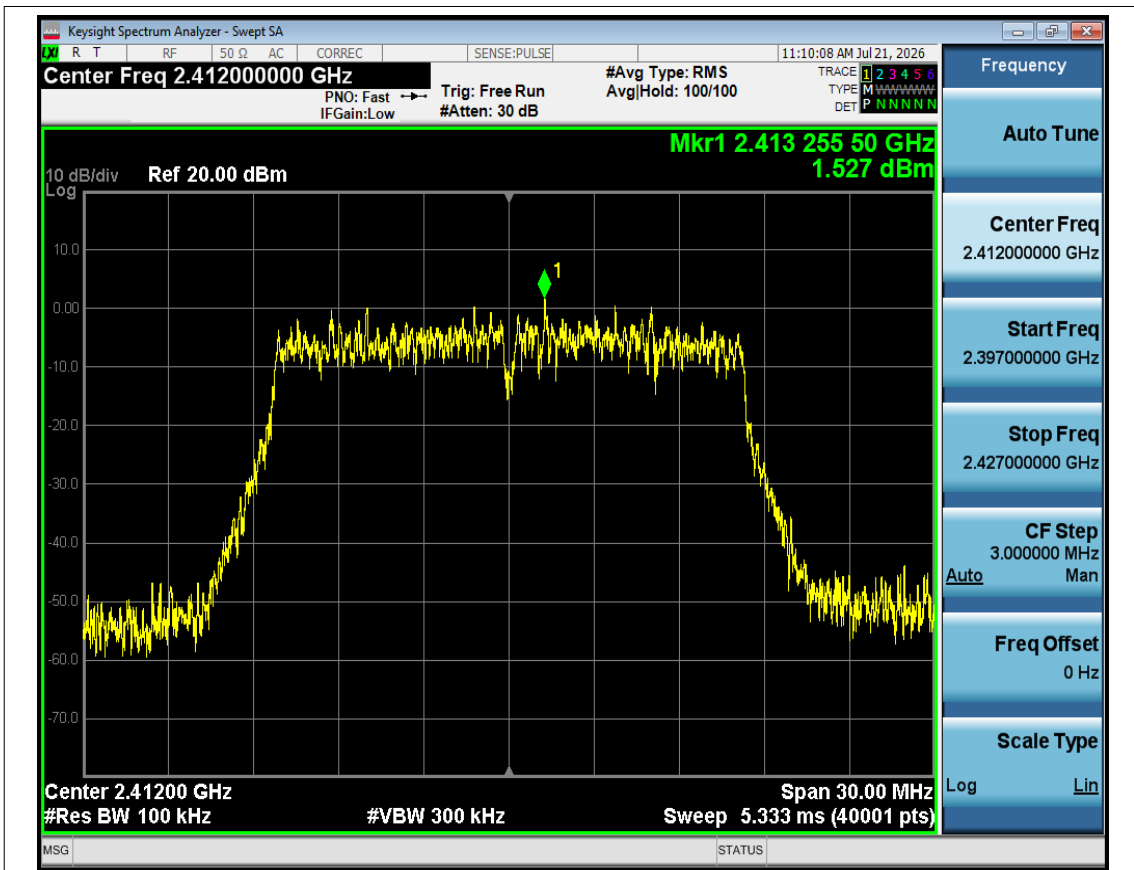
Tx. Spurious NVNT b 2437MHz Ant1 Emission



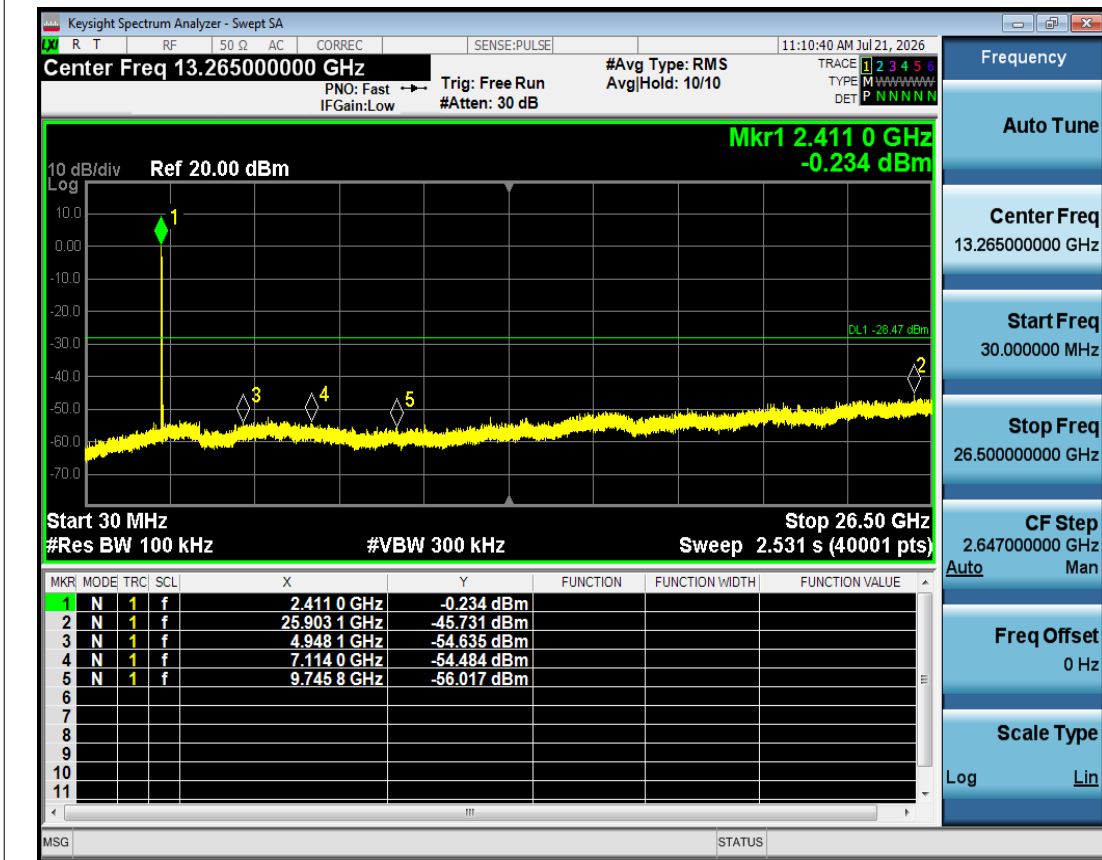
Tx. Spurious NVNT b 2462MHz Ant1 Ref



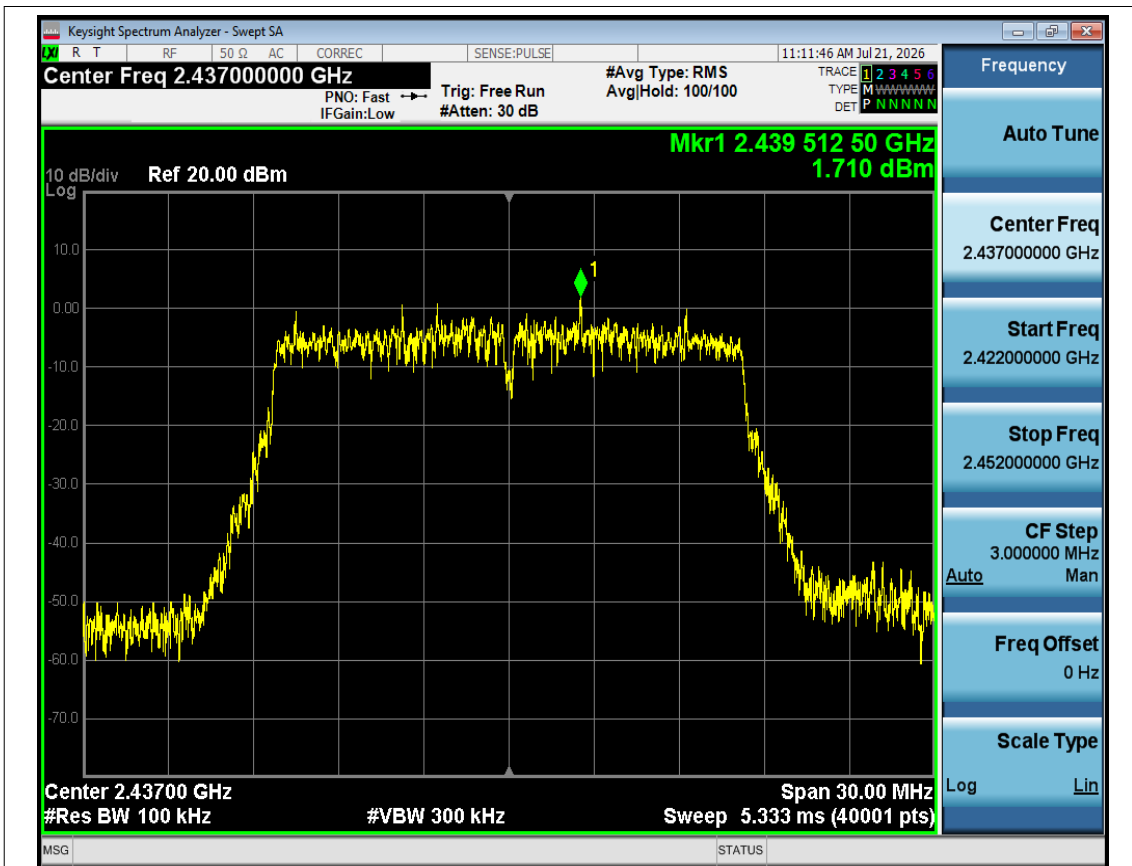
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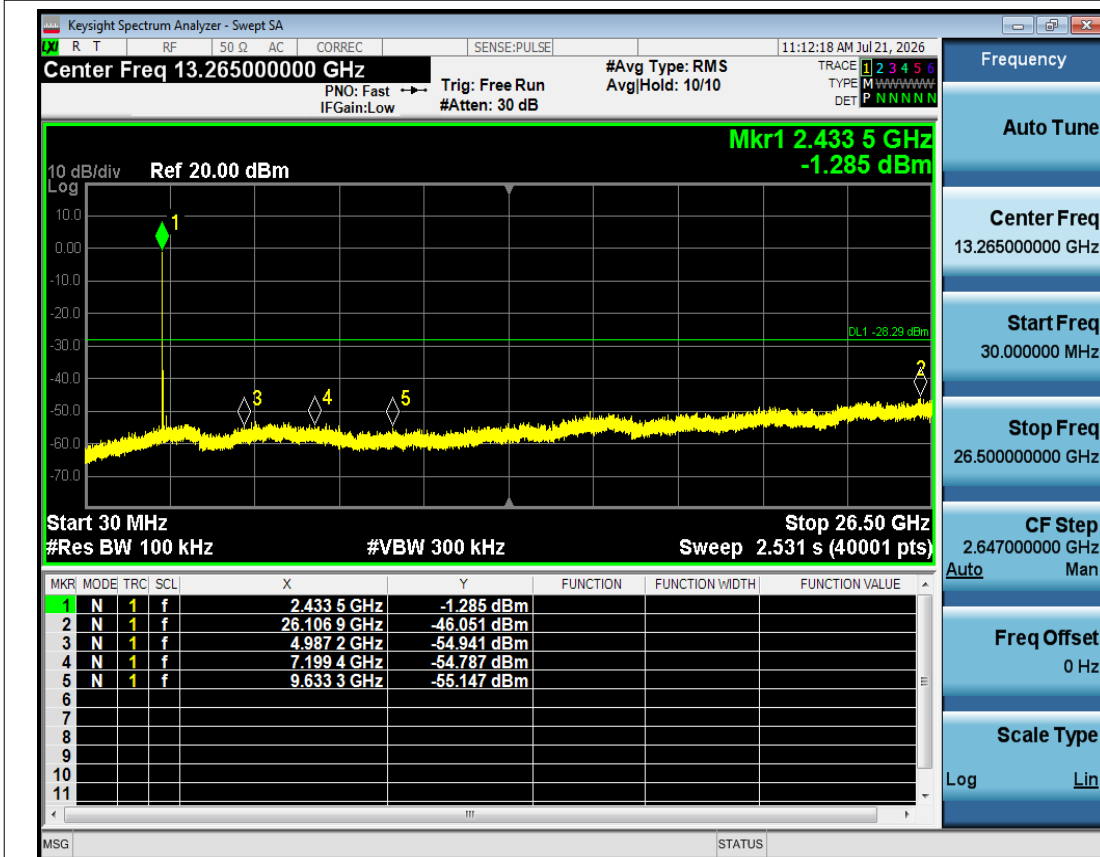
Tx. Spurious NVNT g 2412MHz Ant1 Ref



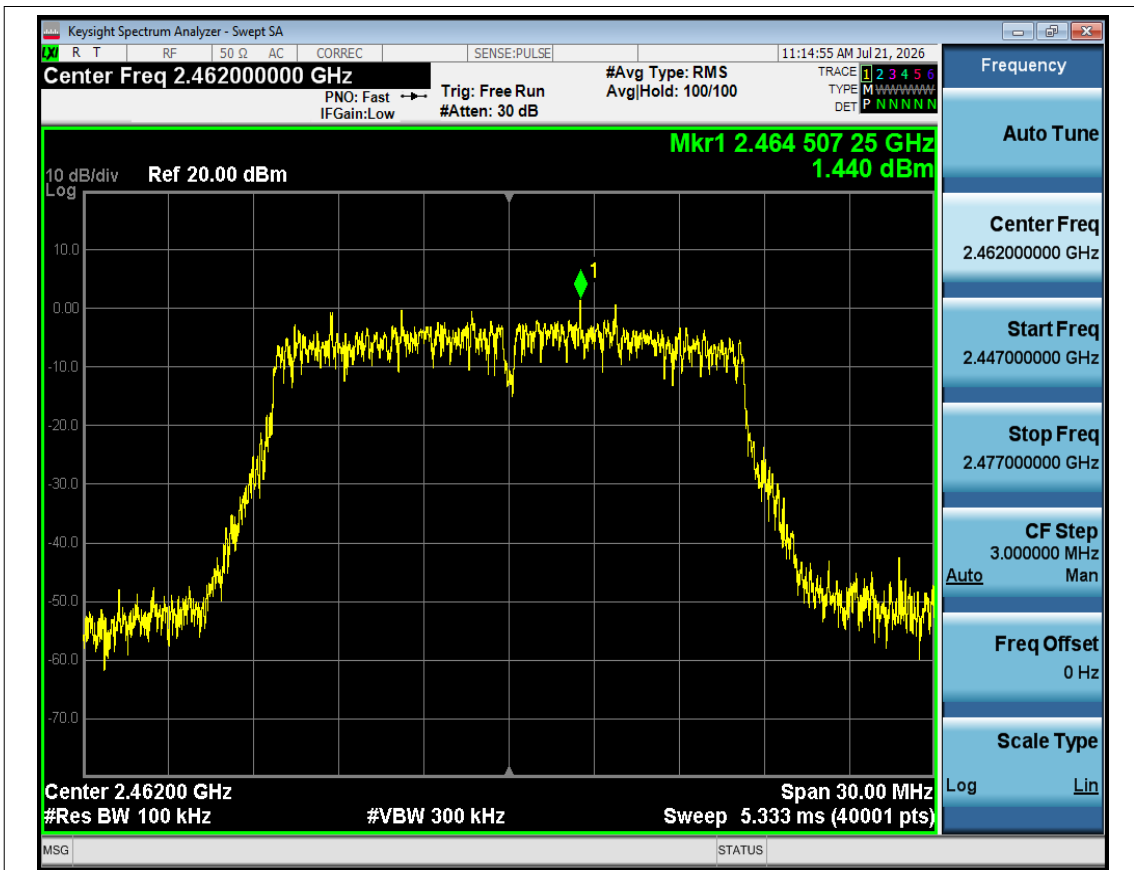
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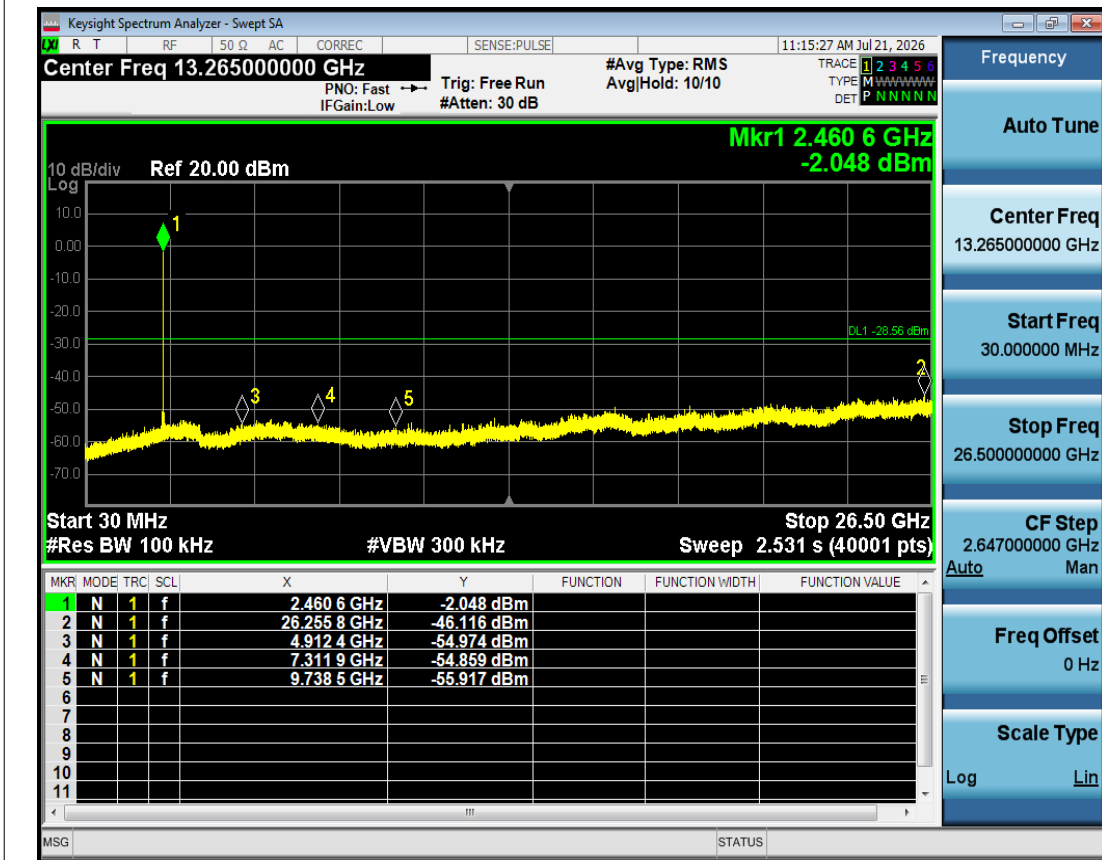
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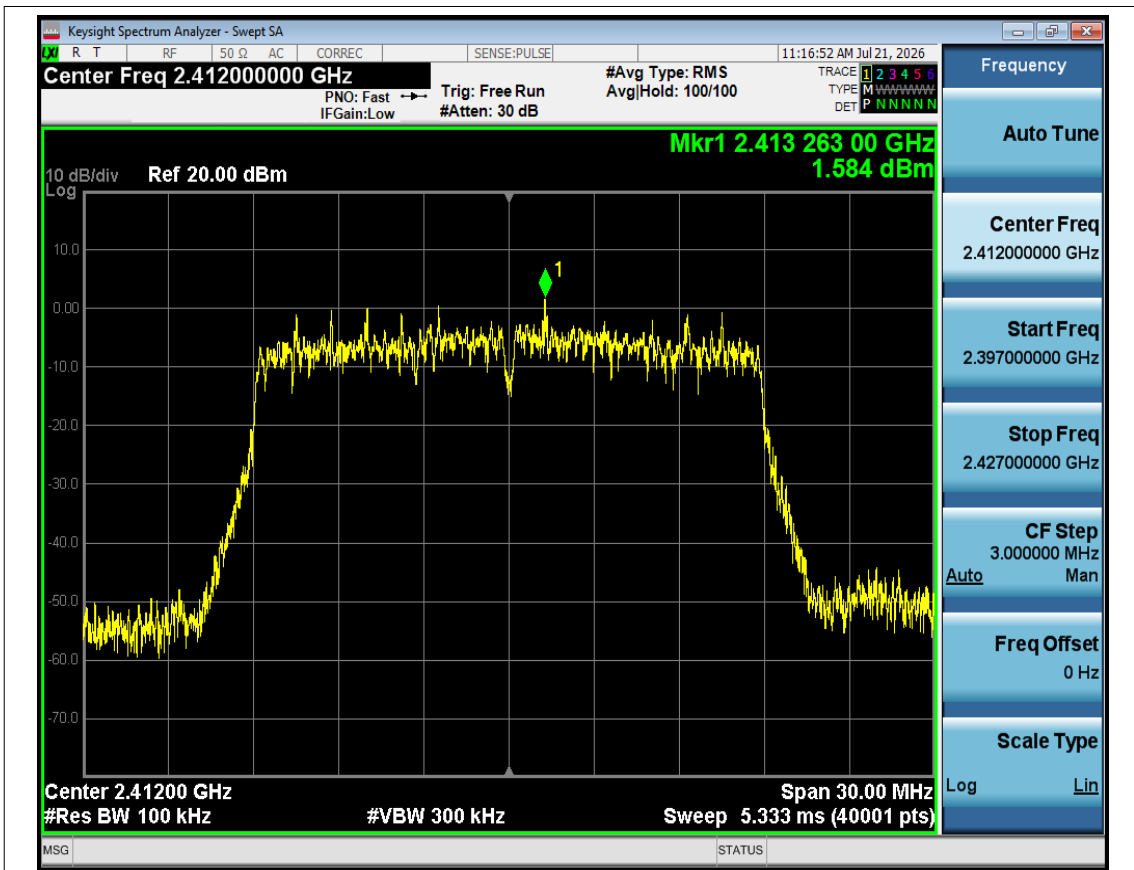
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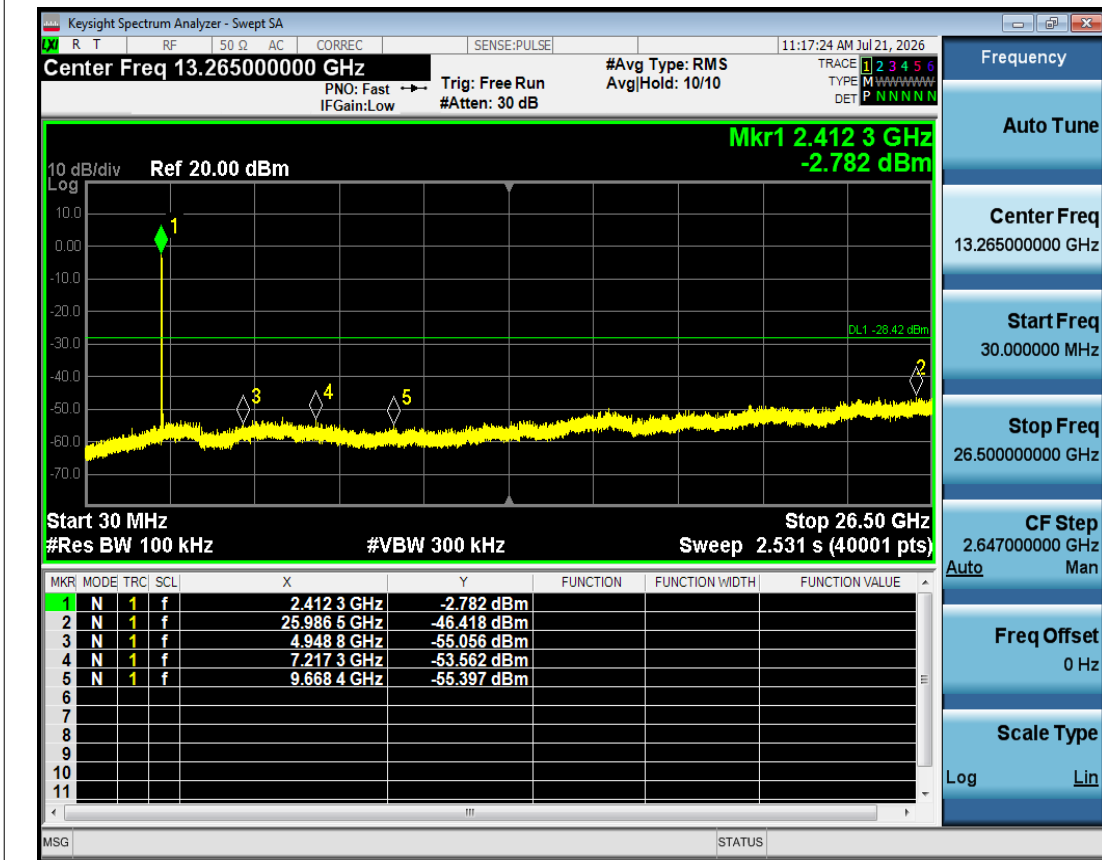
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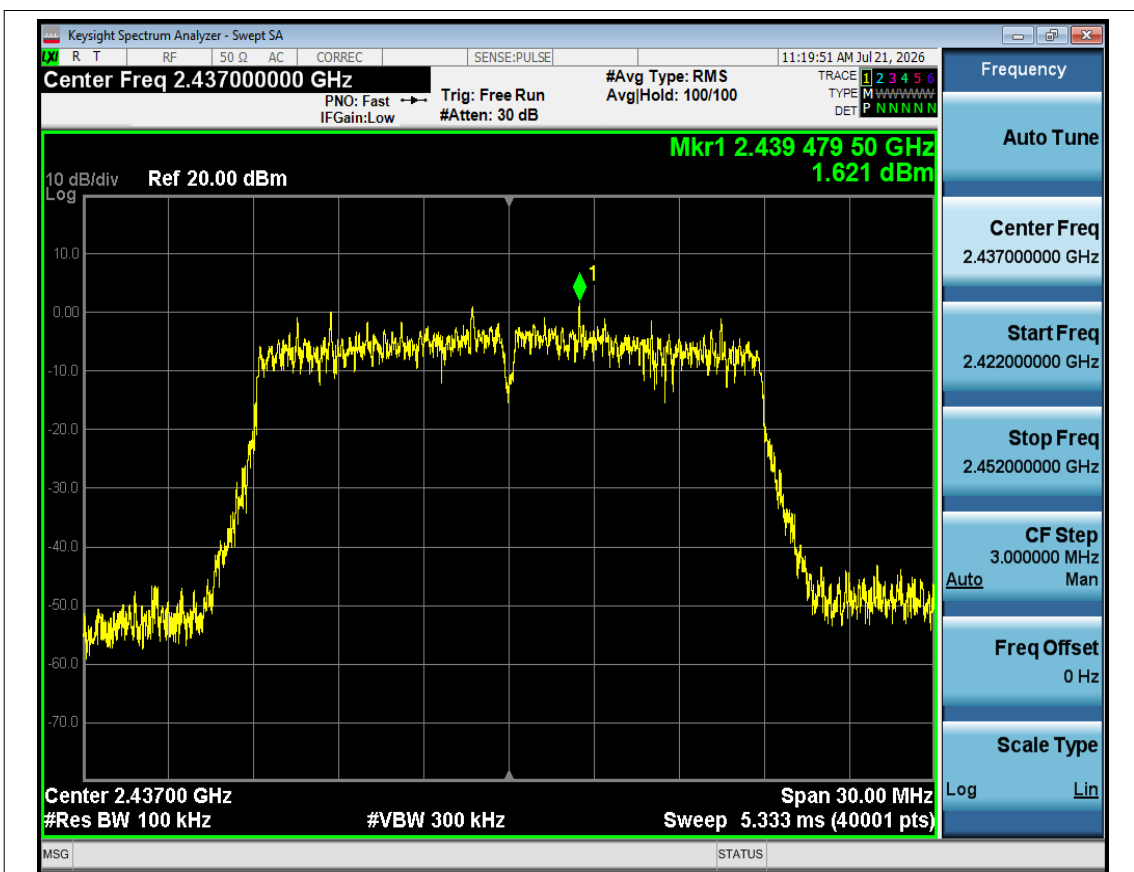
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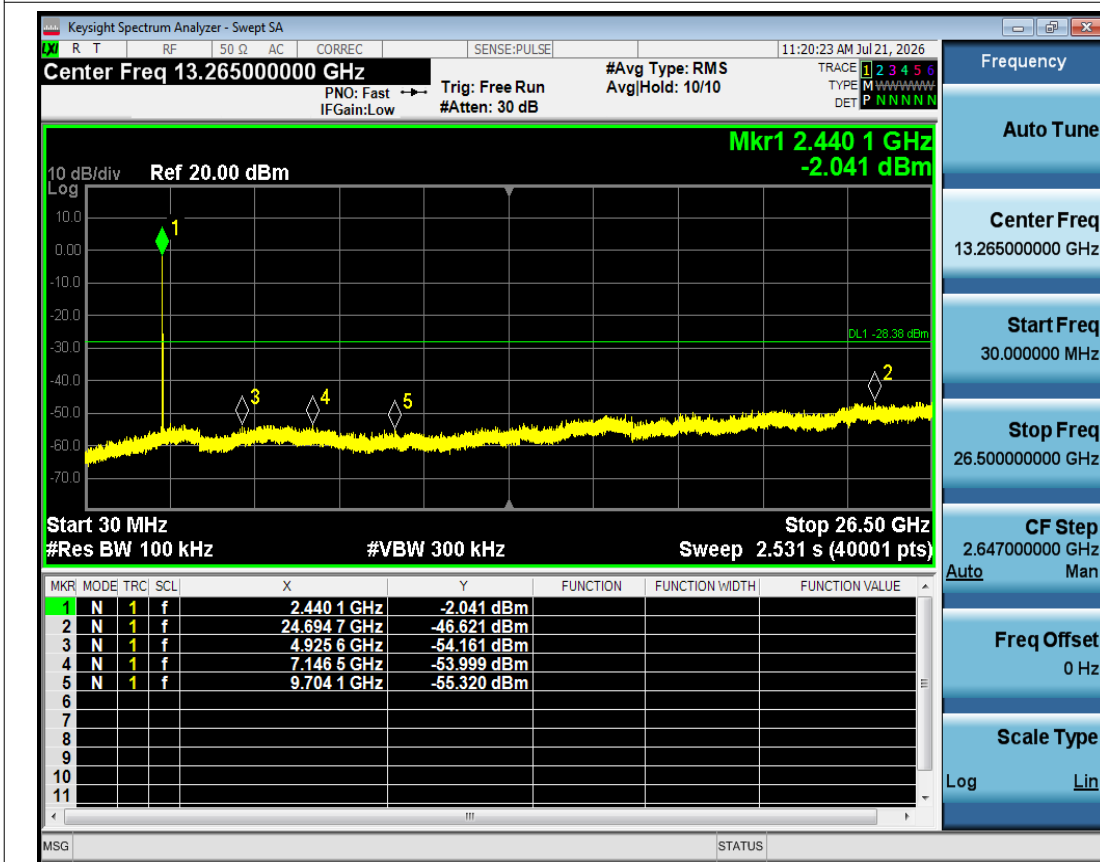
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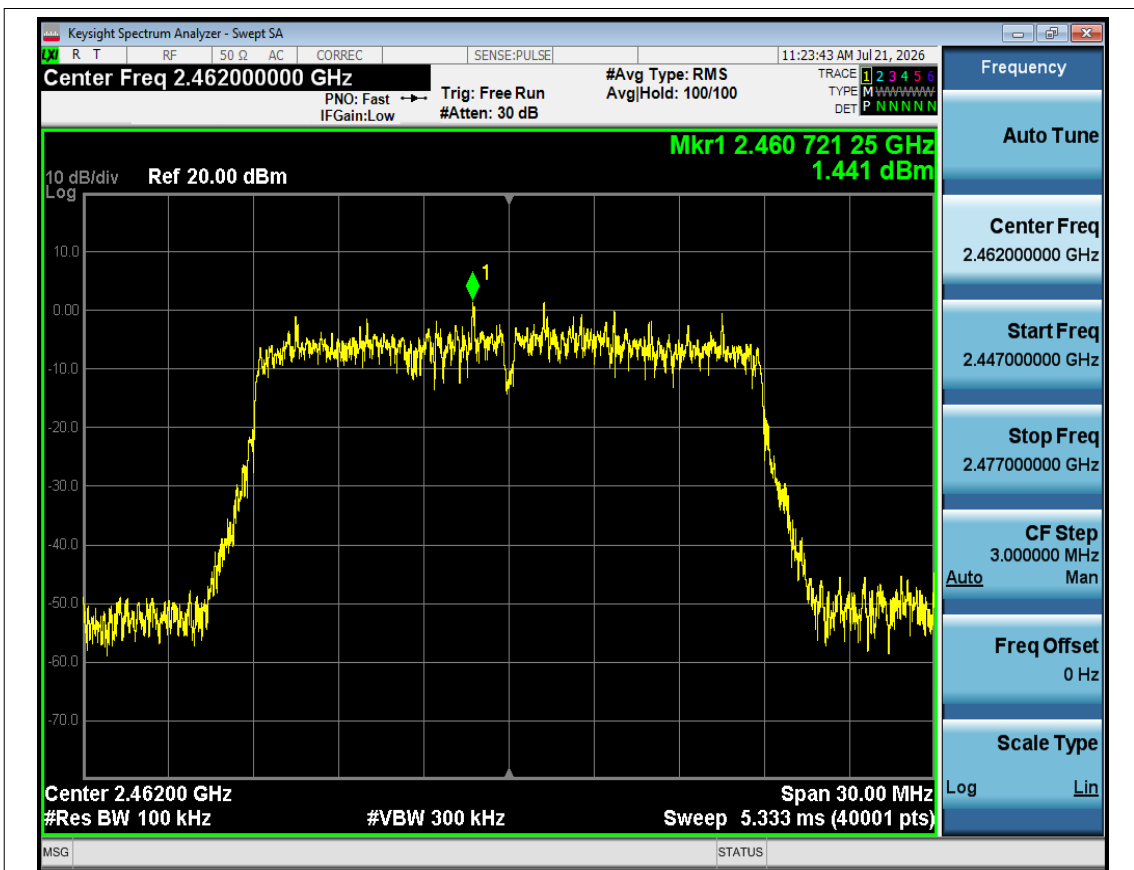
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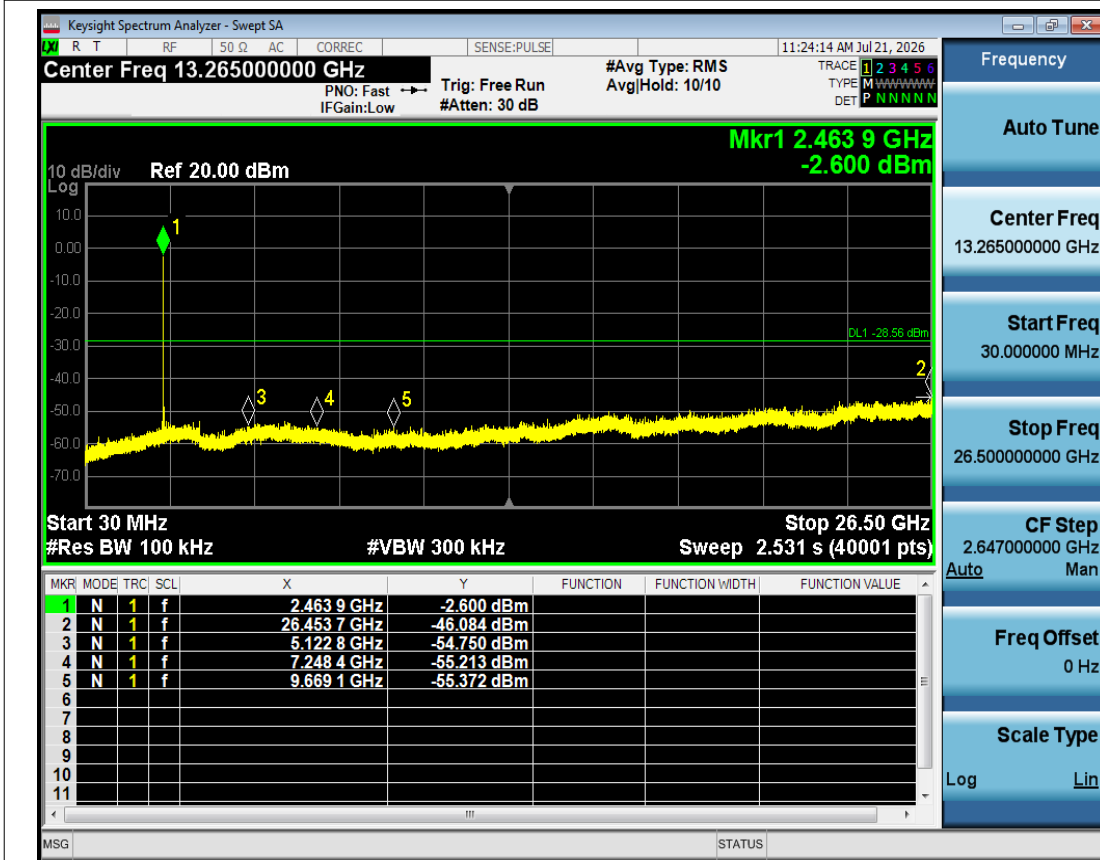
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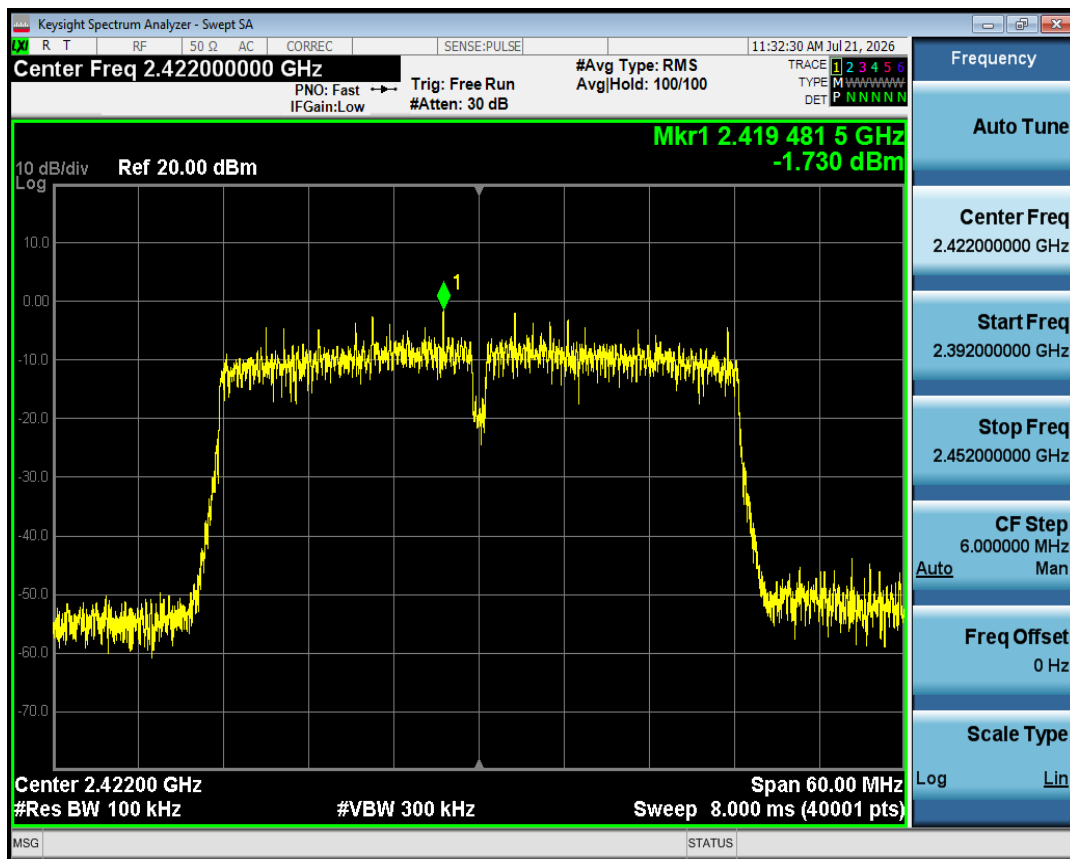
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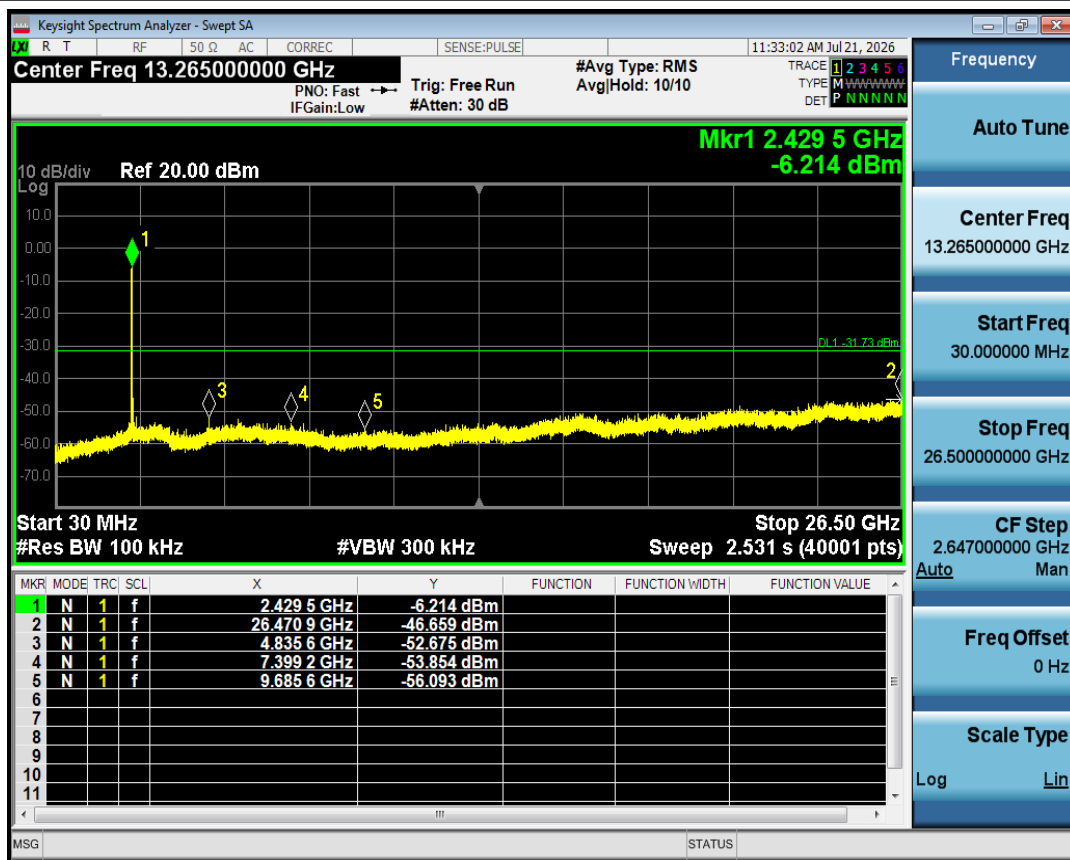
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



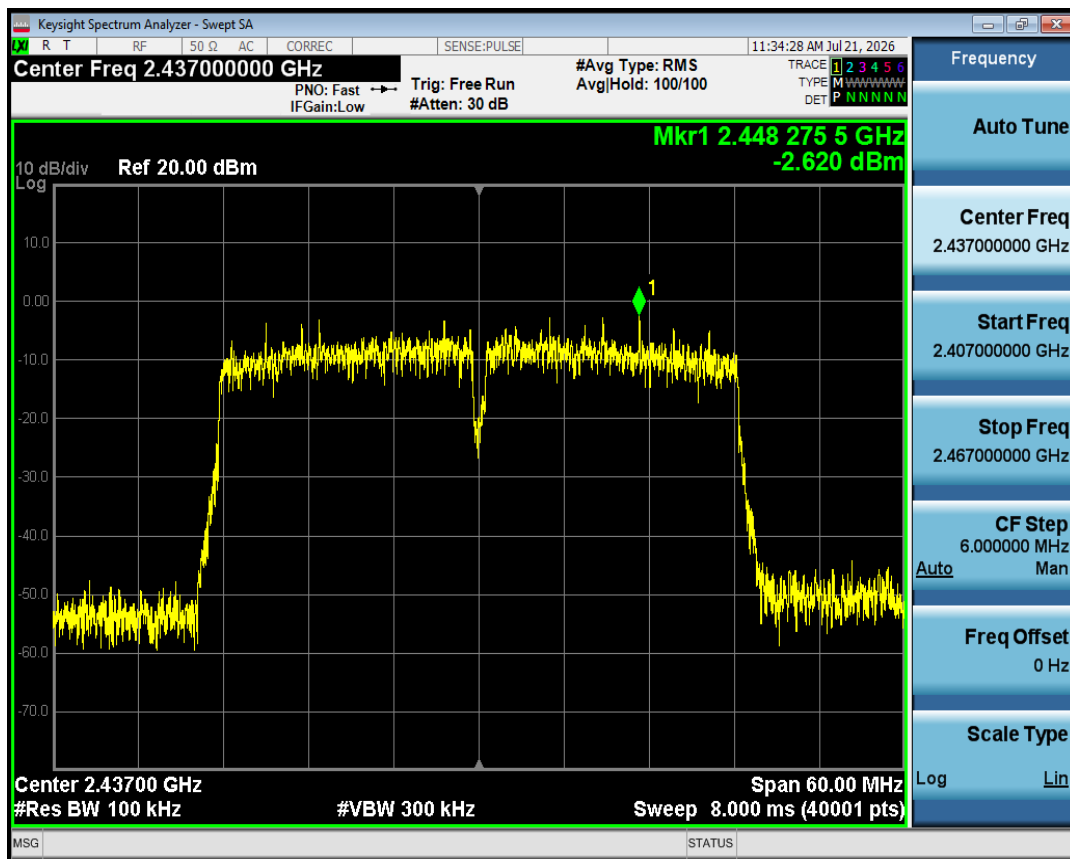
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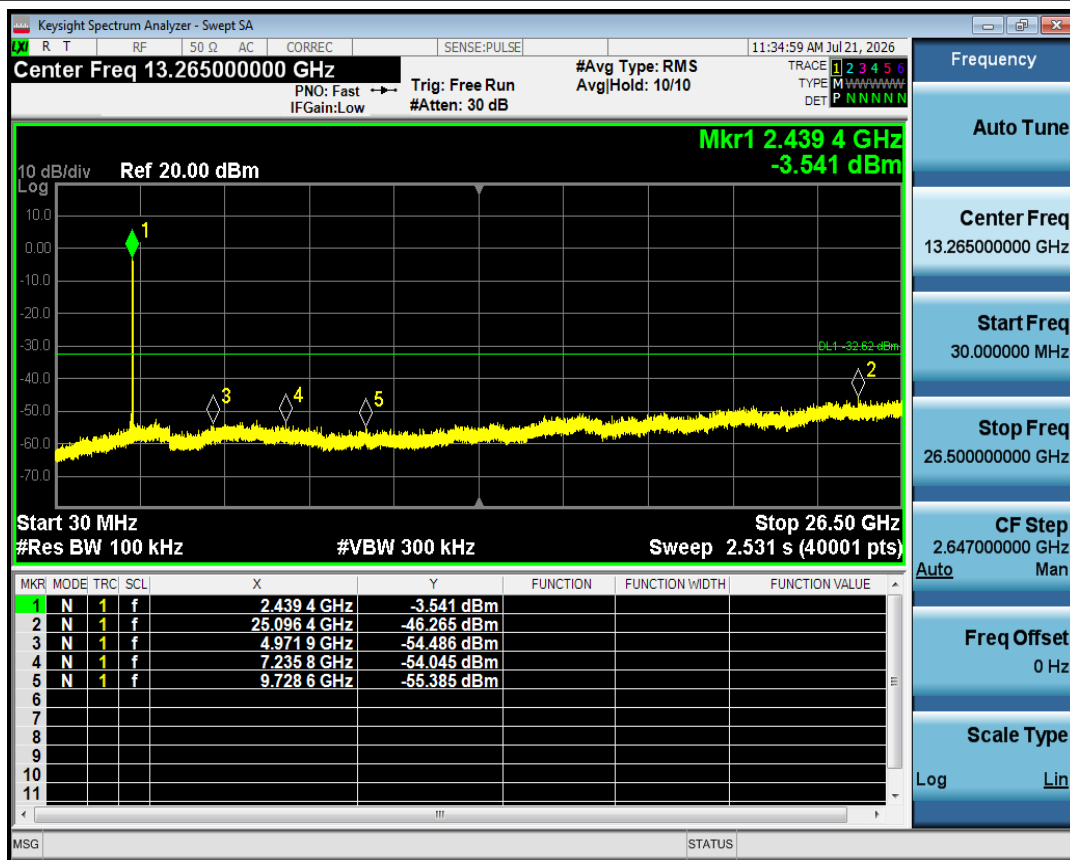
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



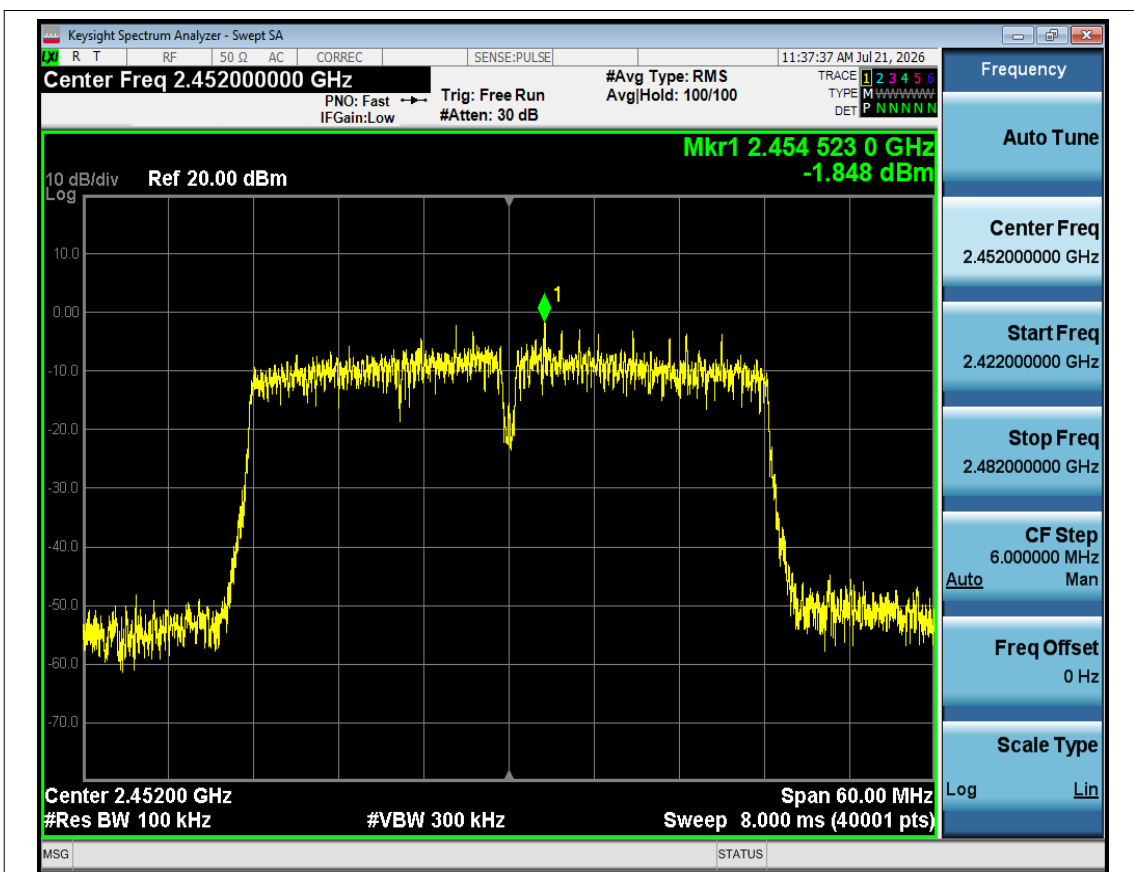
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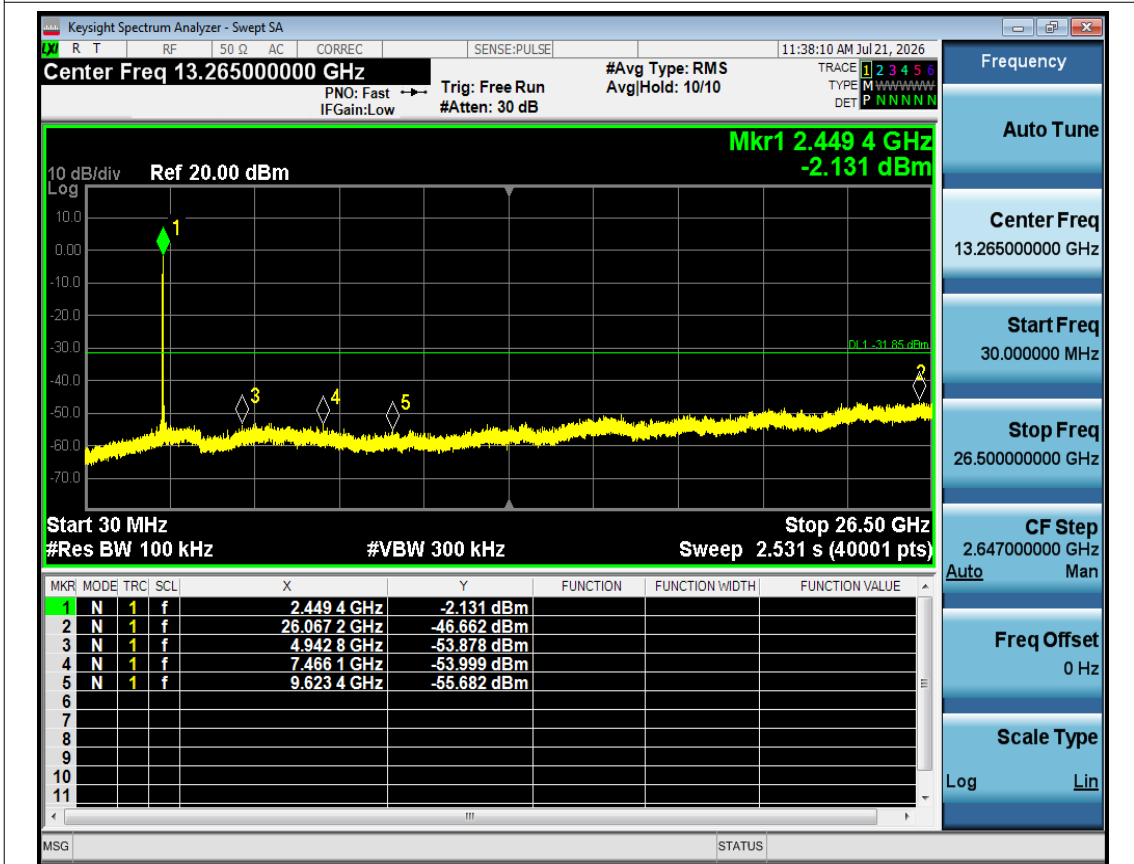
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission