

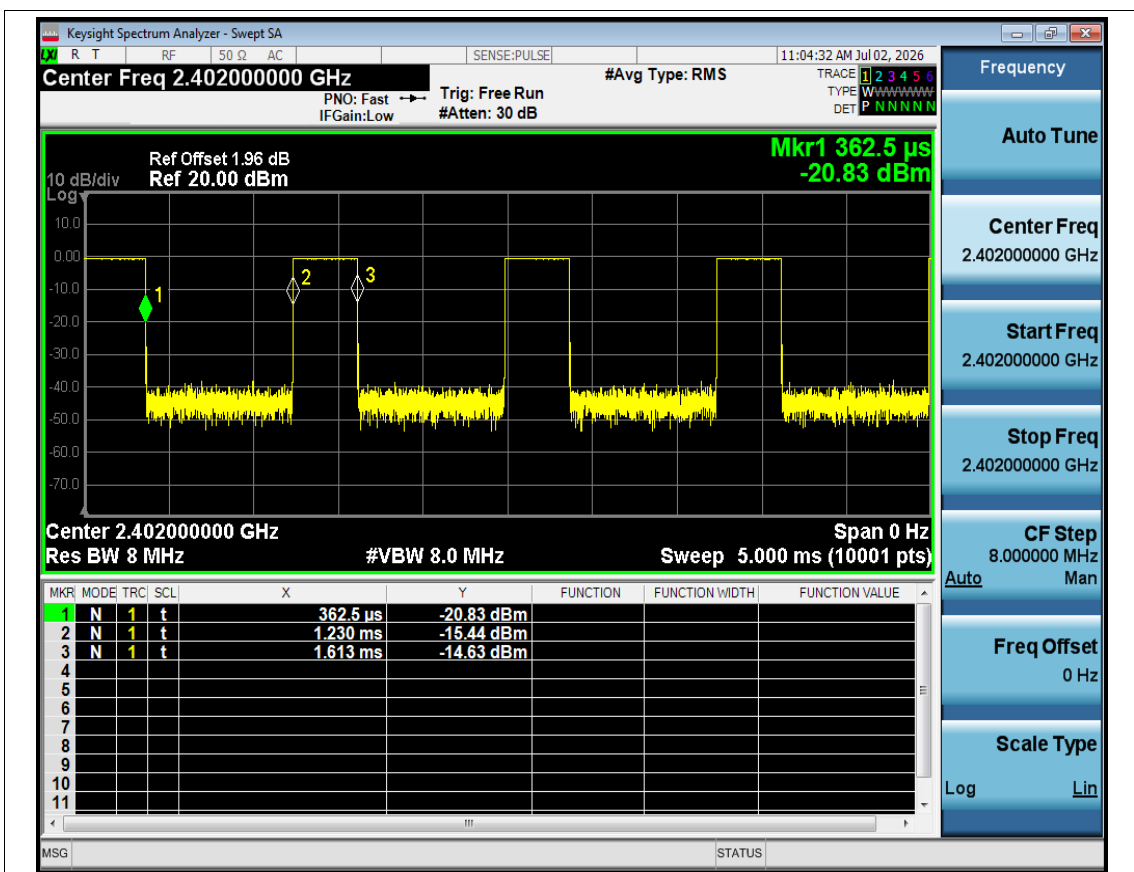
RF Test Data

FCC ID:2A5I9-SJ6UITRA

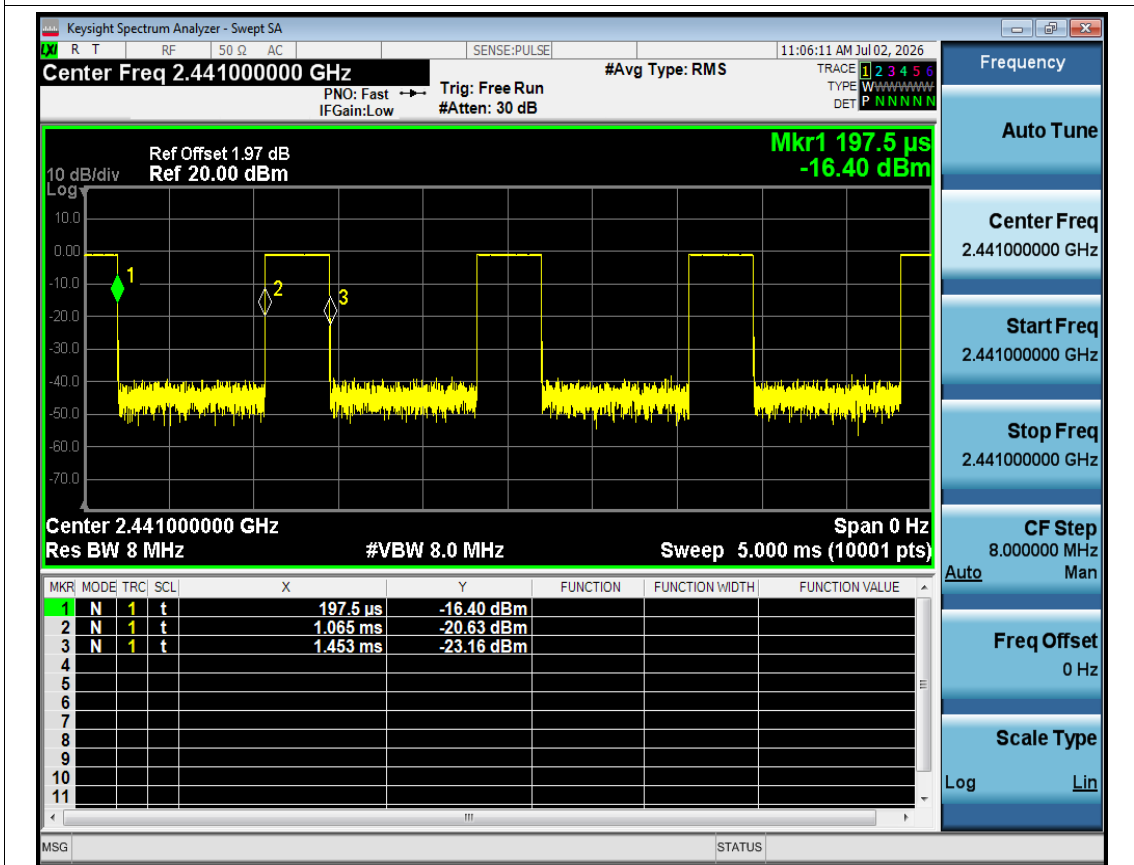
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Duty Cycle

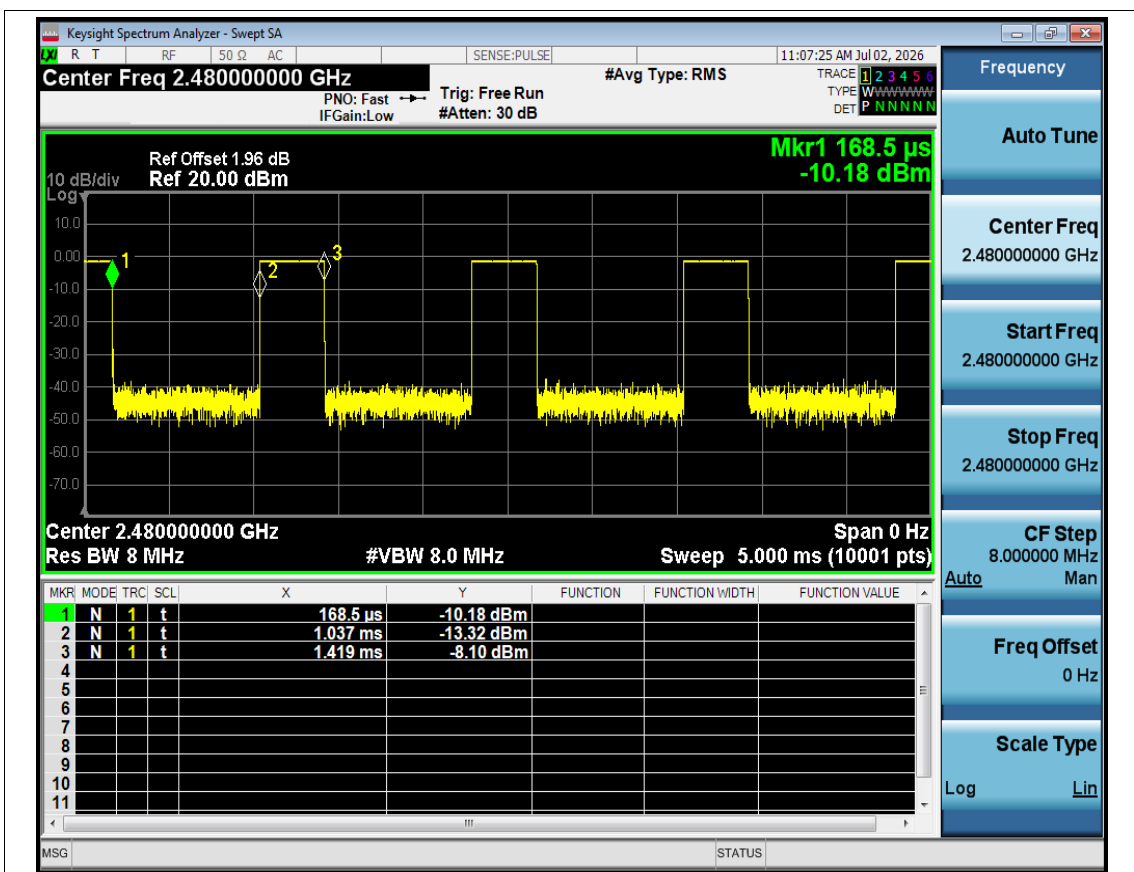
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	30.6	5.14	2.61
NVNT	1-DH1	2441	Ant1	30.9	5.1	2.58
NVNT	1-DH1	2480	Ant1	30.56	5.15	2.62
NVNT	2-DH1	2402	Ant1	31.44	5.03	2.54
NVNT	2-DH1	2441	Ant1	31.43	5.03	2.54
NVNT	2-DH1	2480	Ant1	31.57	5.01	2.54
NVNT	3-DH1	2402	Ant1	31.04	5.08	2.58
NVNT	3-DH1	2441	Ant1	31.07	5.08	2.57
NVNT	3-DH1	2480	Ant1	31.04	5.08	2.58



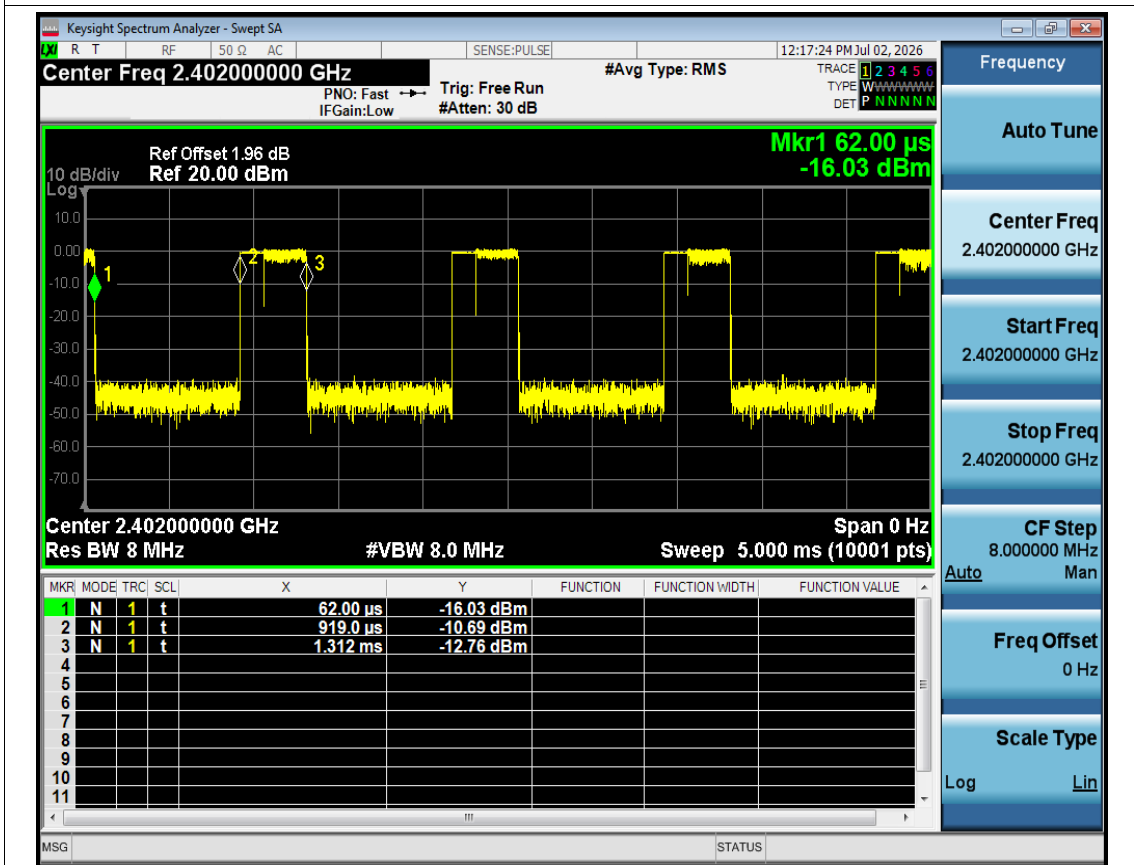
Duty Cycle NVNT 1-DH1 2402MHz Ant1



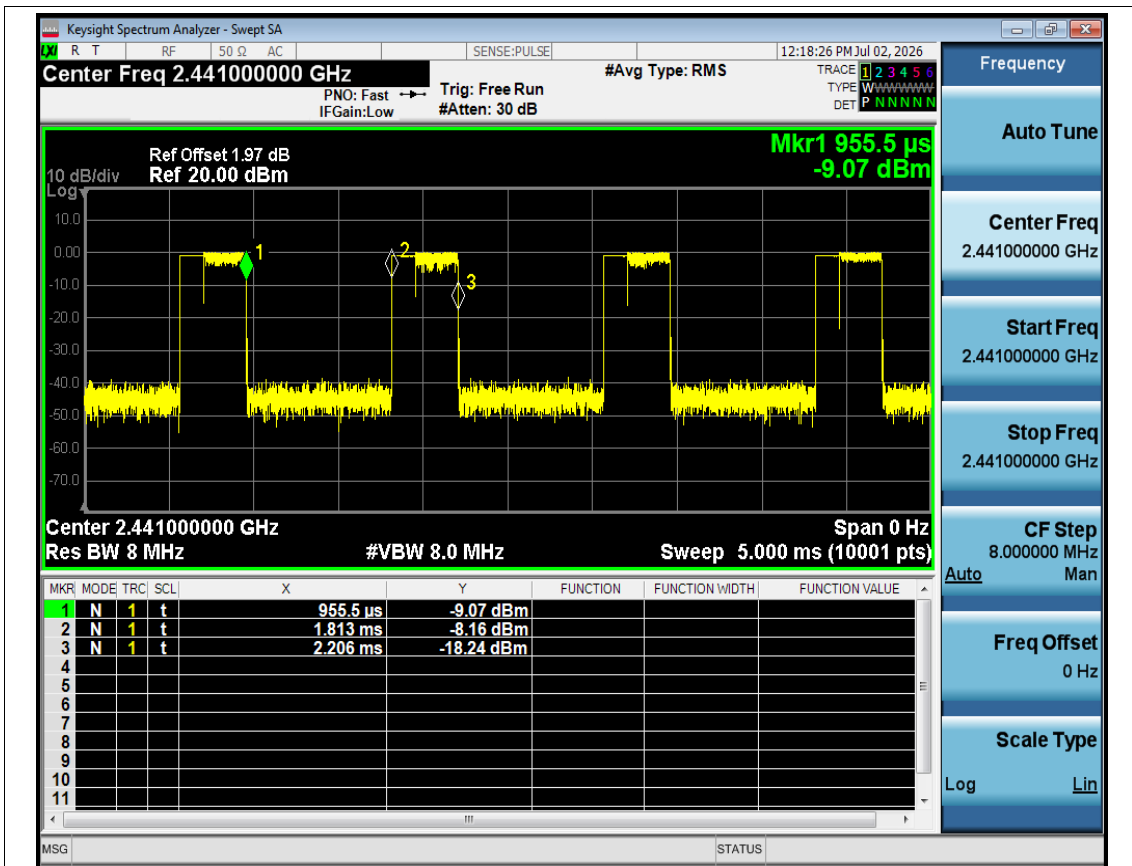
Duty Cycle NVNT 1-DH1 2441MHz Ant1



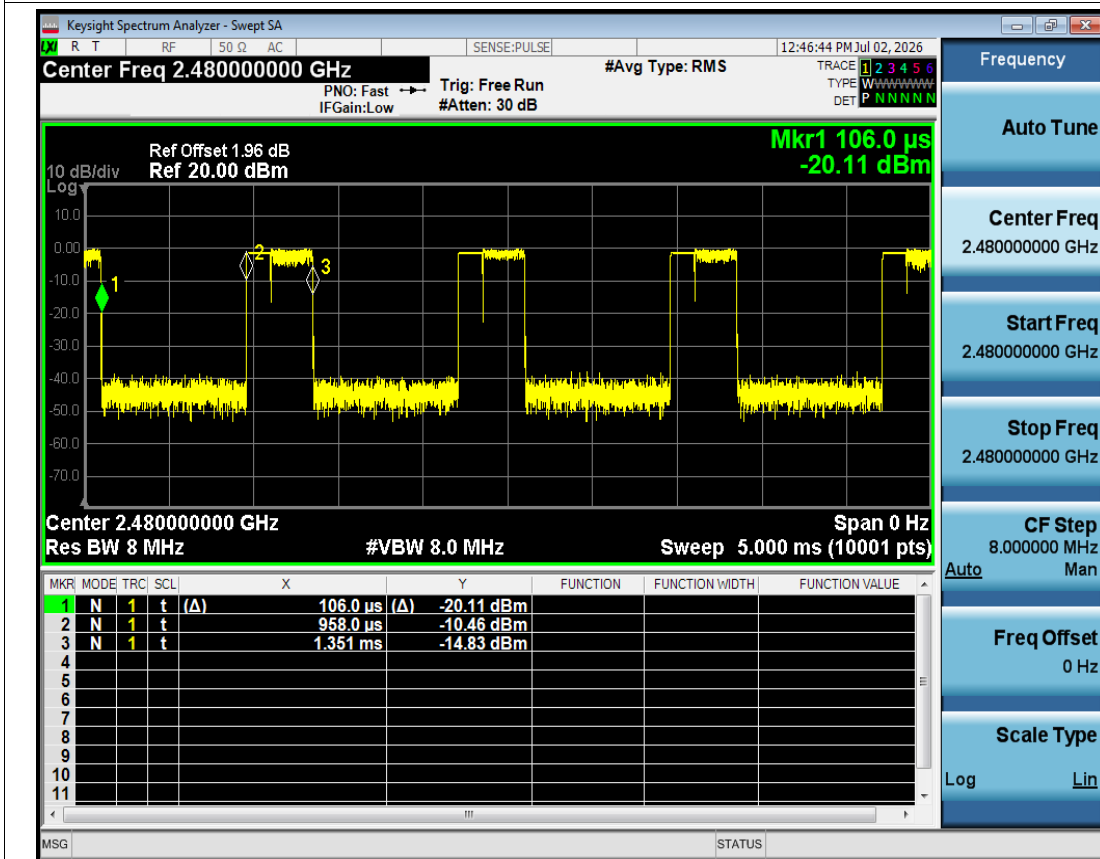
Duty Cycle NVNT 1-DH1 2480MHz Ant1



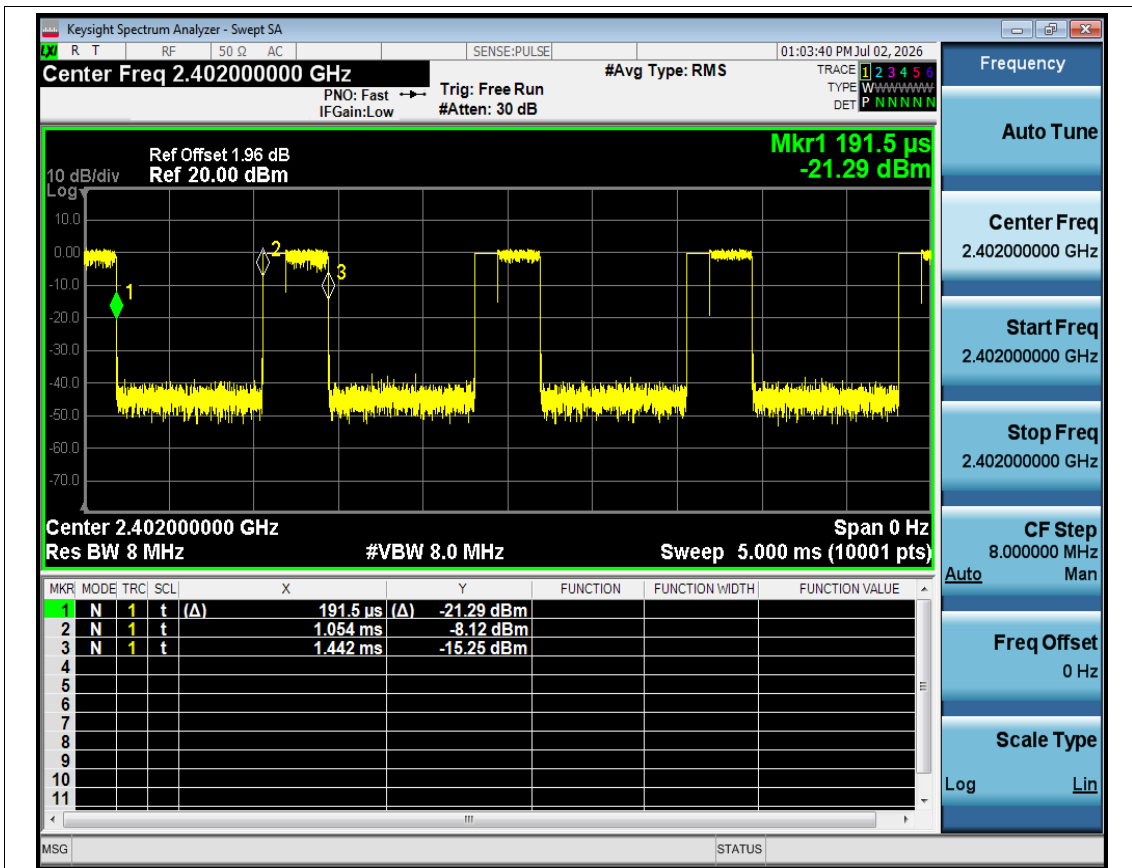
Duty Cycle NVNT 2-DH1 2402MHz Ant1



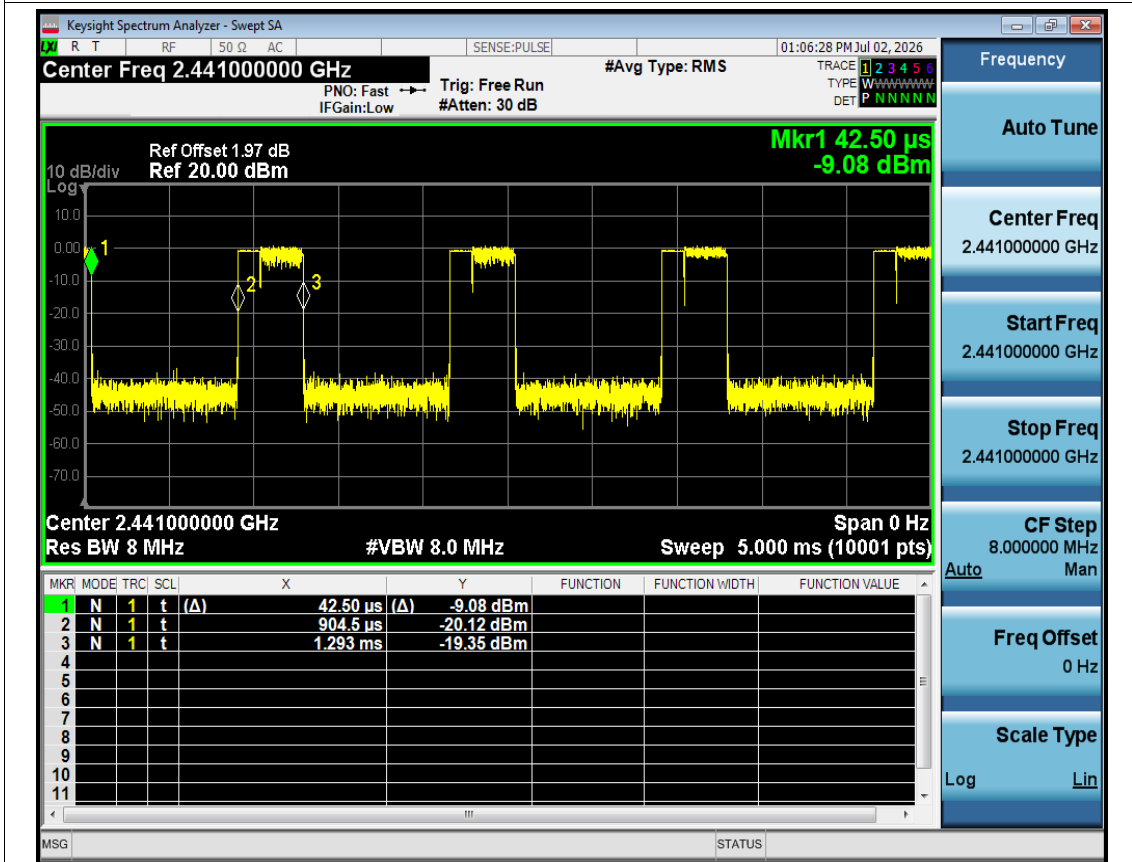
Duty Cycle NVNT 2-DH1 2441MHz Ant1



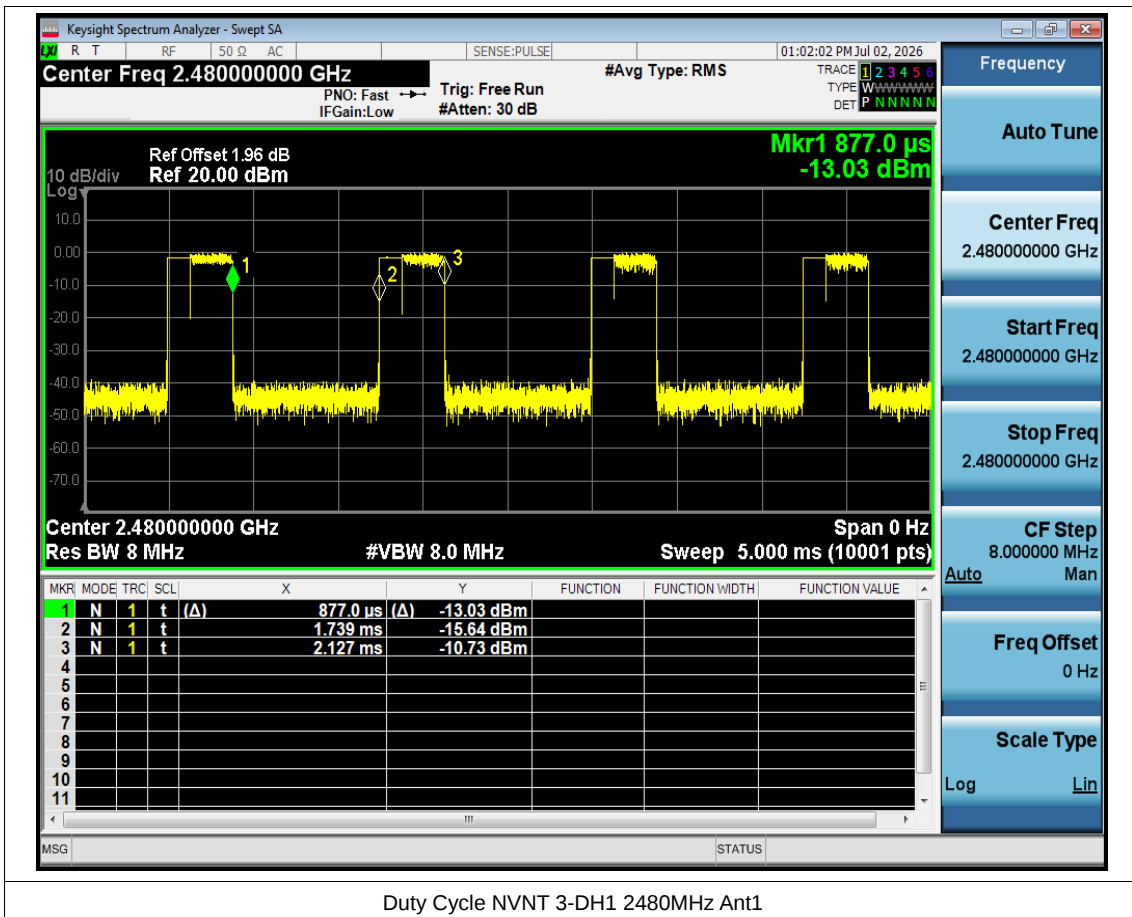
Duty Cycle NVNT 2-DH1 2480MHz Ant1



Duty Cycle NVNT 3-DH1 2402MHz Ant1

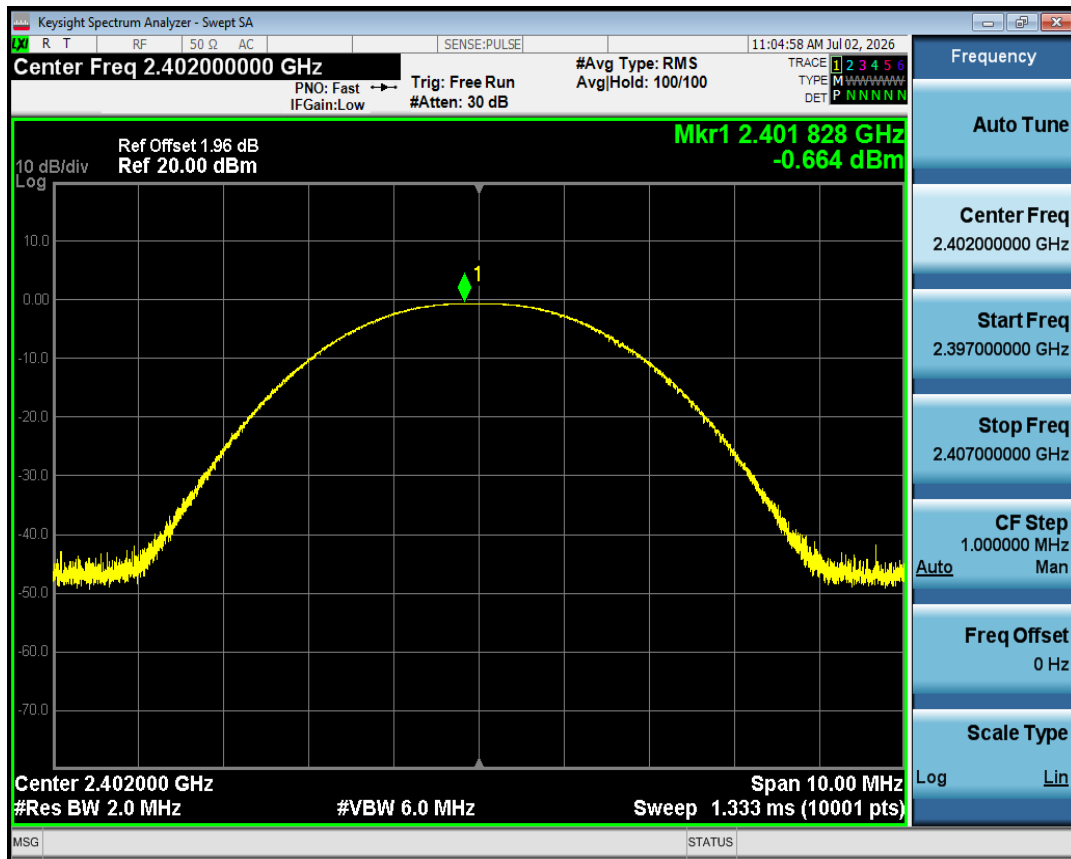


Duty Cycle NVNT 3-DH1 2441MHz Ant1

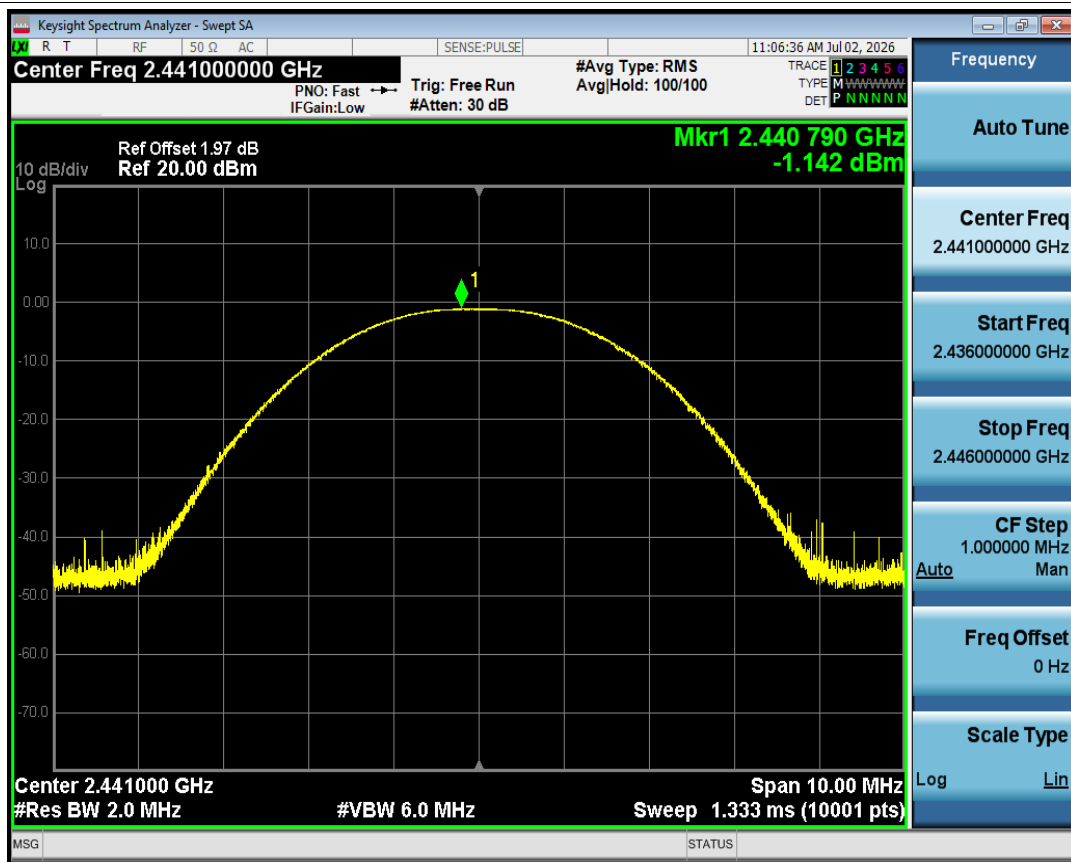


Maximum Peak Conducted Output Power

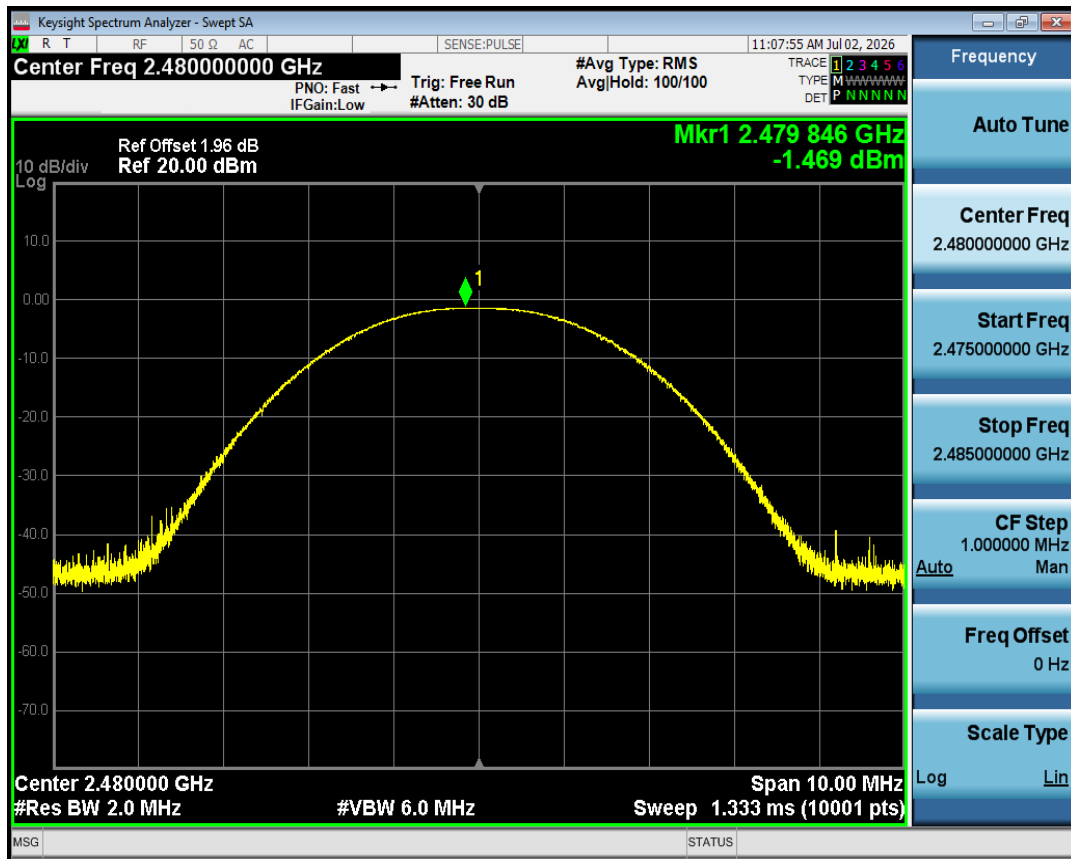
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-0.66	0.00086	21	Pass
NVNT	1-DH1	2441	Ant1	-1.14	0.00077	21	Pass
NVNT	1-DH1	2480	Ant1	-1.47	0.00071	21	Pass
NVNT	2-DH1	2402	Ant1	0.26	0.00106	21	Pass
NVNT	2-DH1	2441	Ant1	-0.05	0.00099	21	Pass
NVNT	2-DH1	2480	Ant1	-0.42	0.00091	21	Pass
NVNT	3-DH1	2402	Ant1	-1.14	0.00077	21	Pass
NVNT	3-DH1	2441	Ant1	0.56	0.00114	21	Pass
NVNT	3-DH1	2480	Ant1	-0.17	0.00096	21	Pass



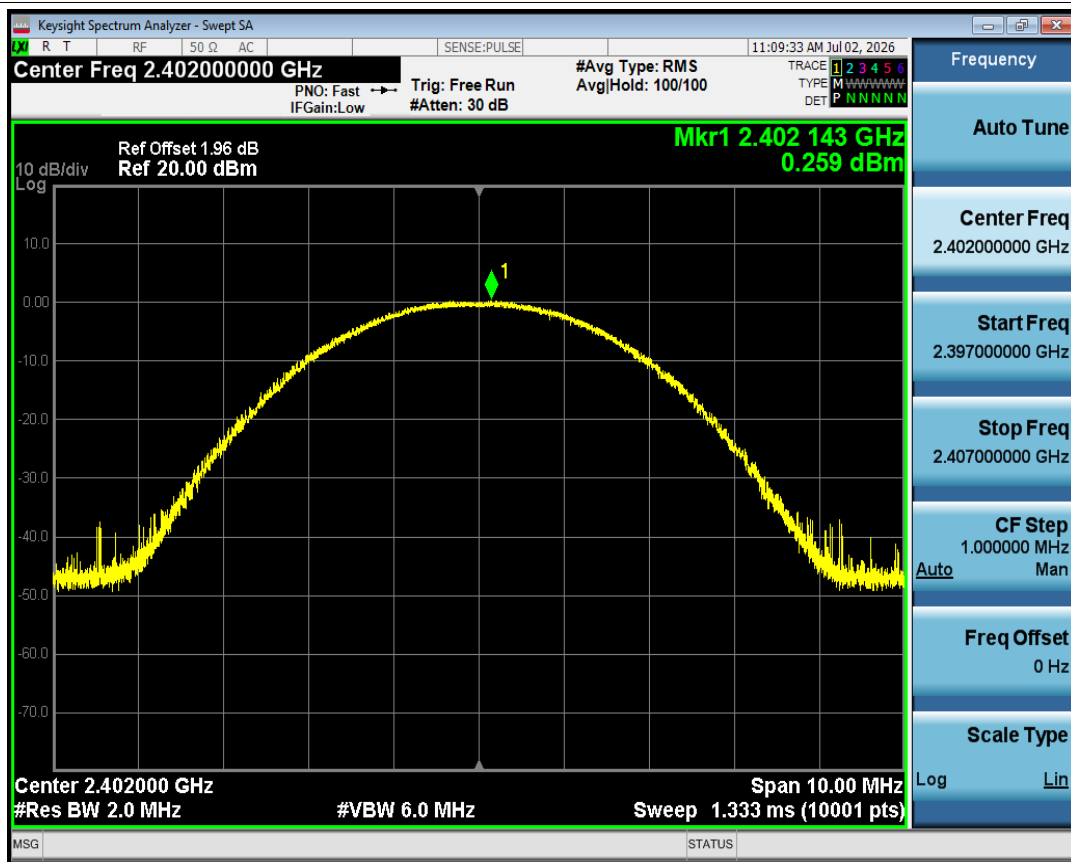
Peak Power NVNT 1-DH1 2402MHz Ant1



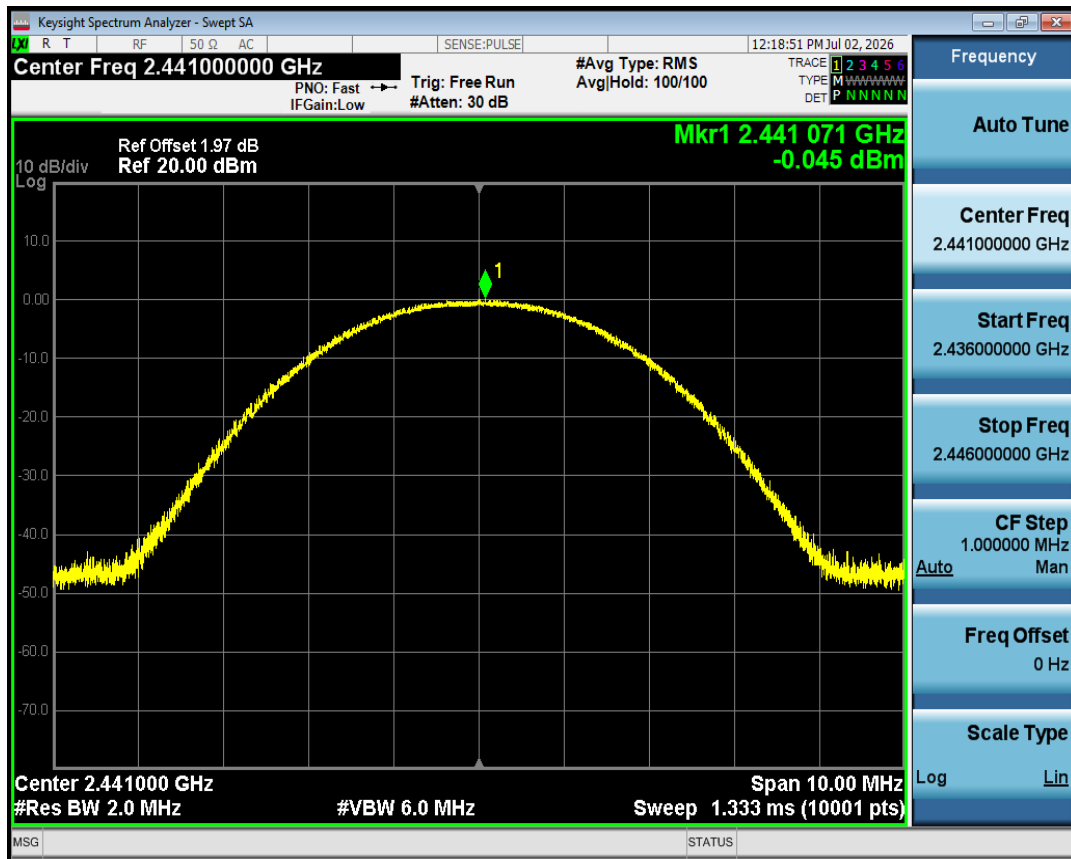
Peak Power NVNT 1-DH1 2441MHz Ant1



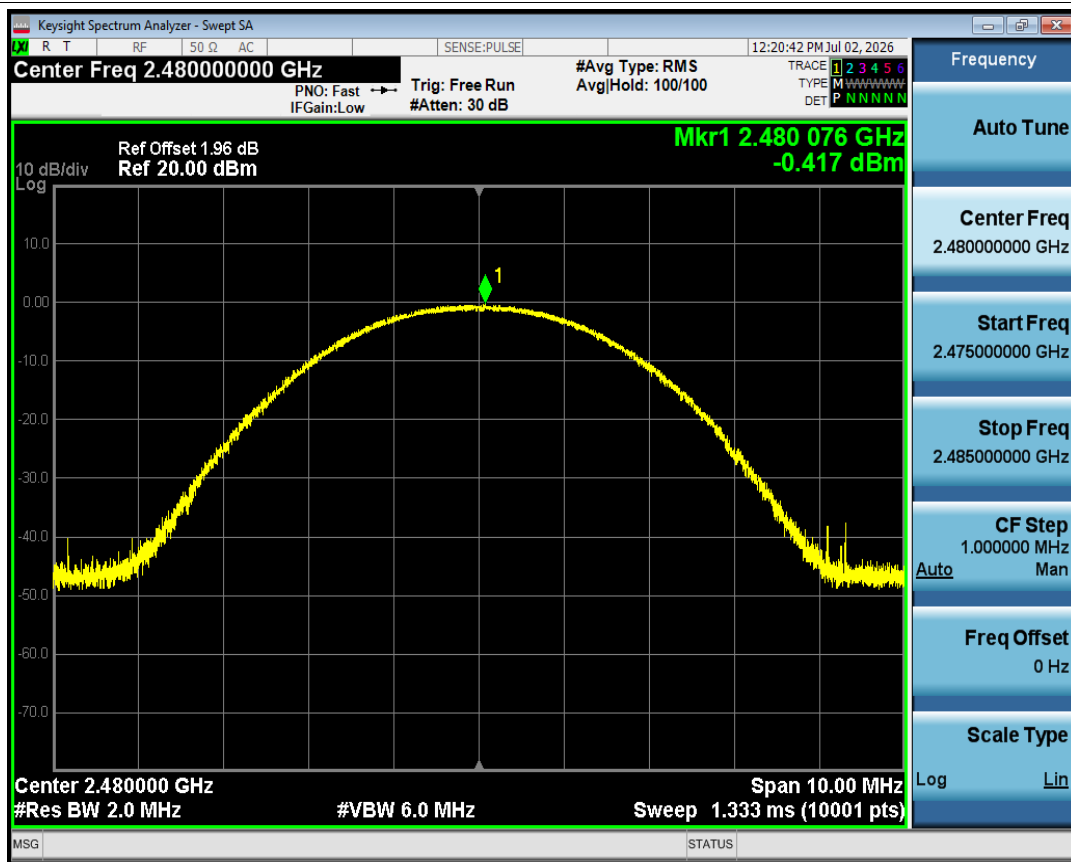
Peak Power NVNT 1-DH1 2480MHz Ant1



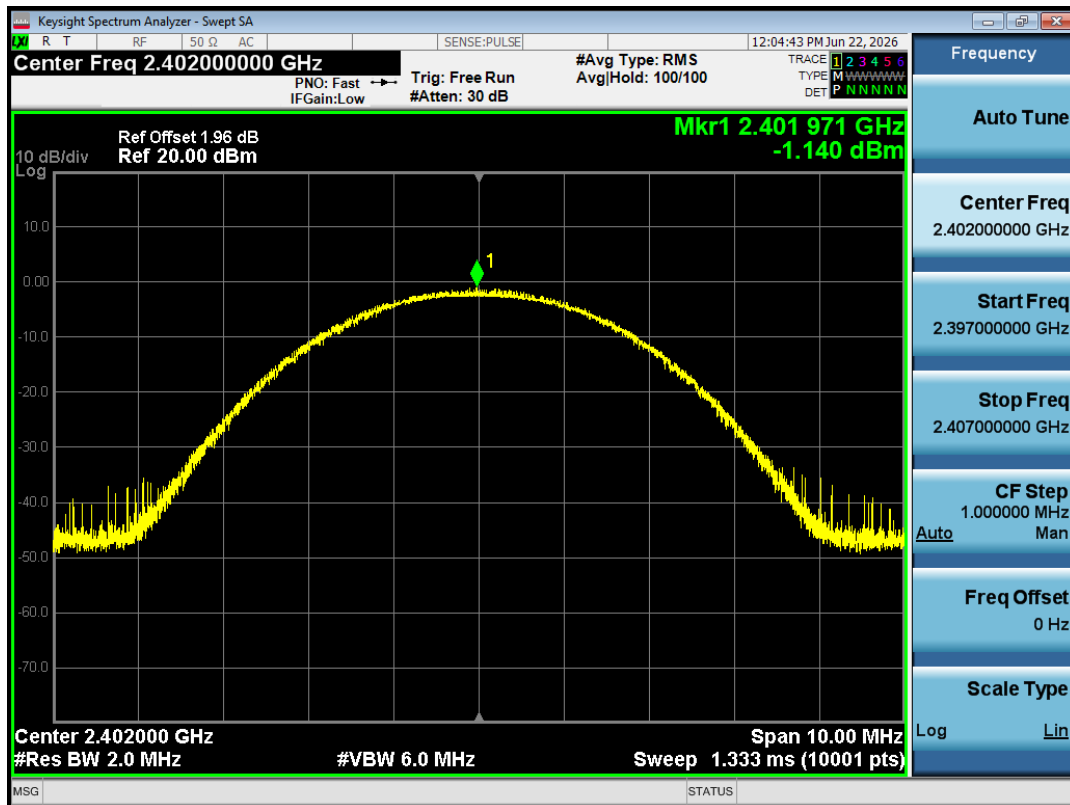
Peak Power NVNT 2-DH1 2402MHz Ant1



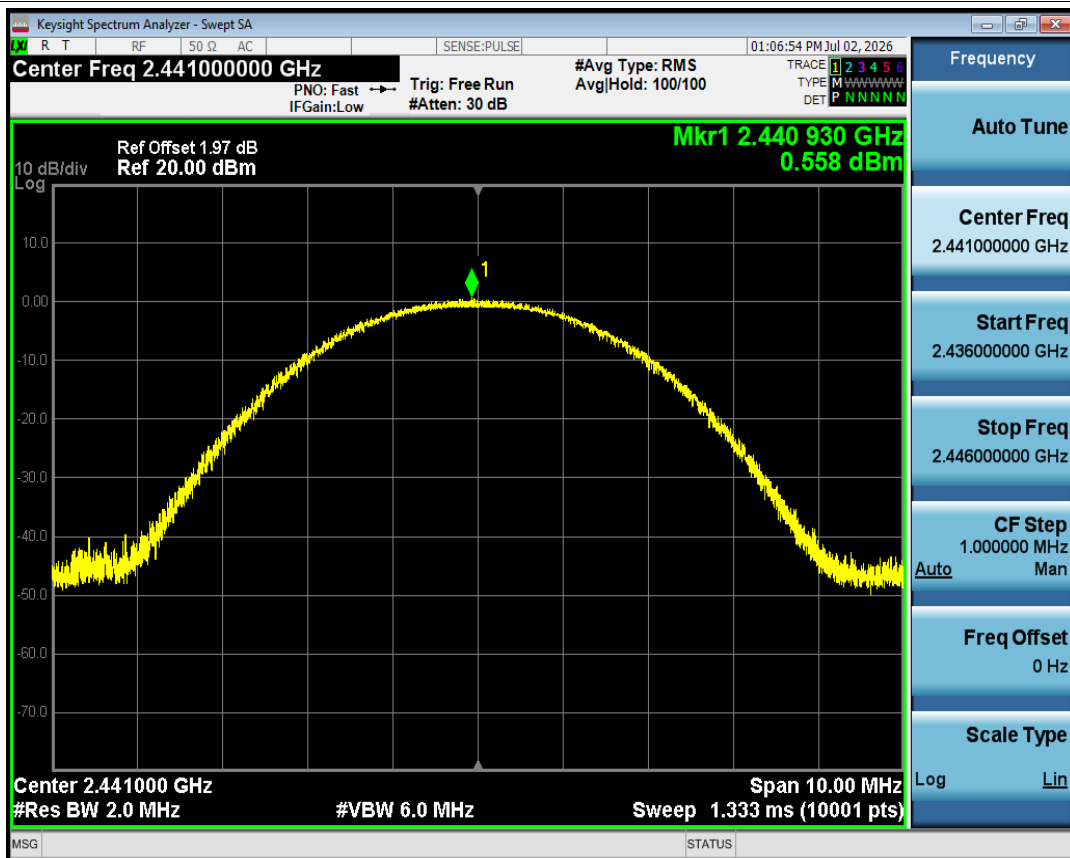
Peak Power NVNT 2-DH1 2441MHz Ant1



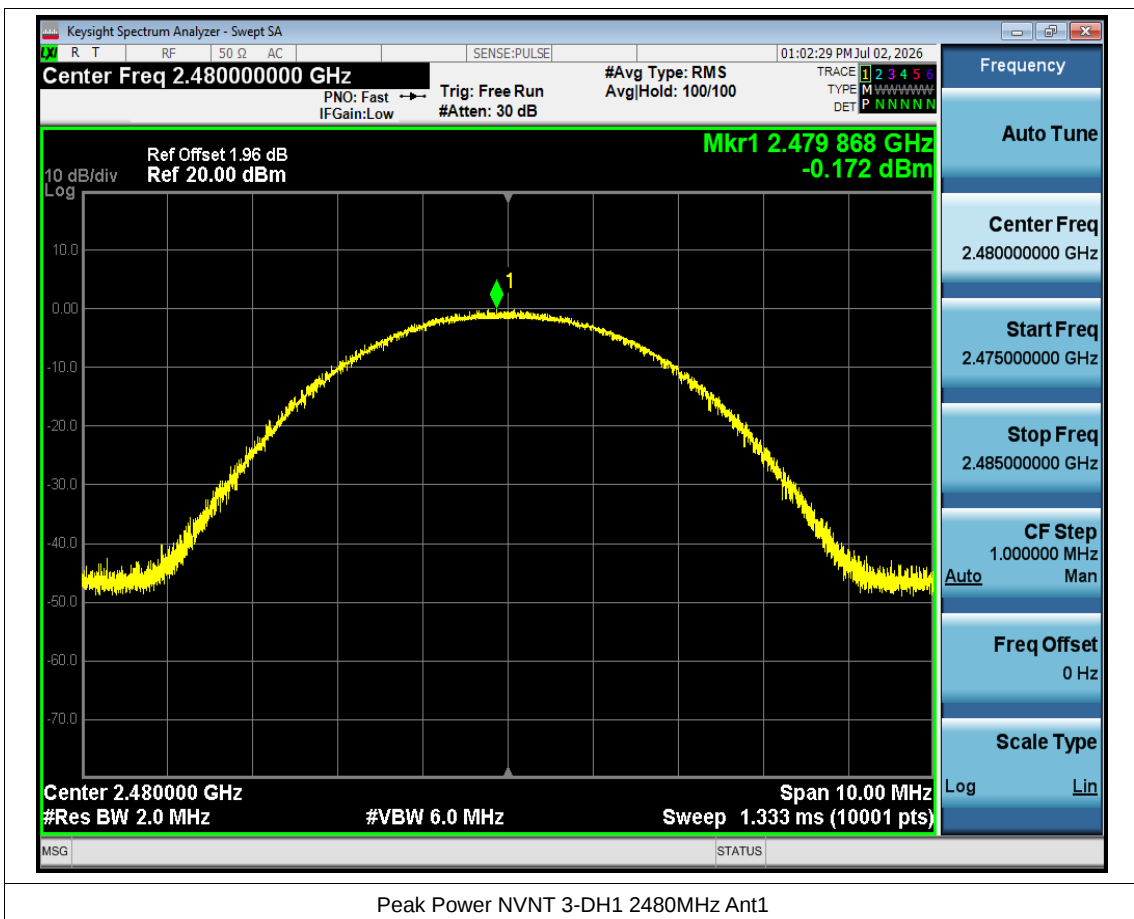
Peak Power NVNT 2-DH1 2480MHz Ant1



Peak Power NVNT 3-DH1 2402MHz Ant1



Peak Power NVNT 3-DH1 2441MHz Ant1



-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.9255	Pass
NVNT	1-DH1	2441	Ant1	0.9142	Pass
NVNT	1-DH1	2480	Ant1	0.9967	Pass
NVNT	2-DH1	2402	Ant1	1.266	Pass
NVNT	2-DH1	2441	Ant1	1.267	Pass
NVNT	2-DH1	2480	Ant1	1.318	Pass
NVNT	3-DH1	2402	Ant1	1.235	Pass
NVNT	3-DH1	2441	Ant1	1.246	Pass
NVNT	3-DH1	2480	Ant1	1.235	Pass



-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



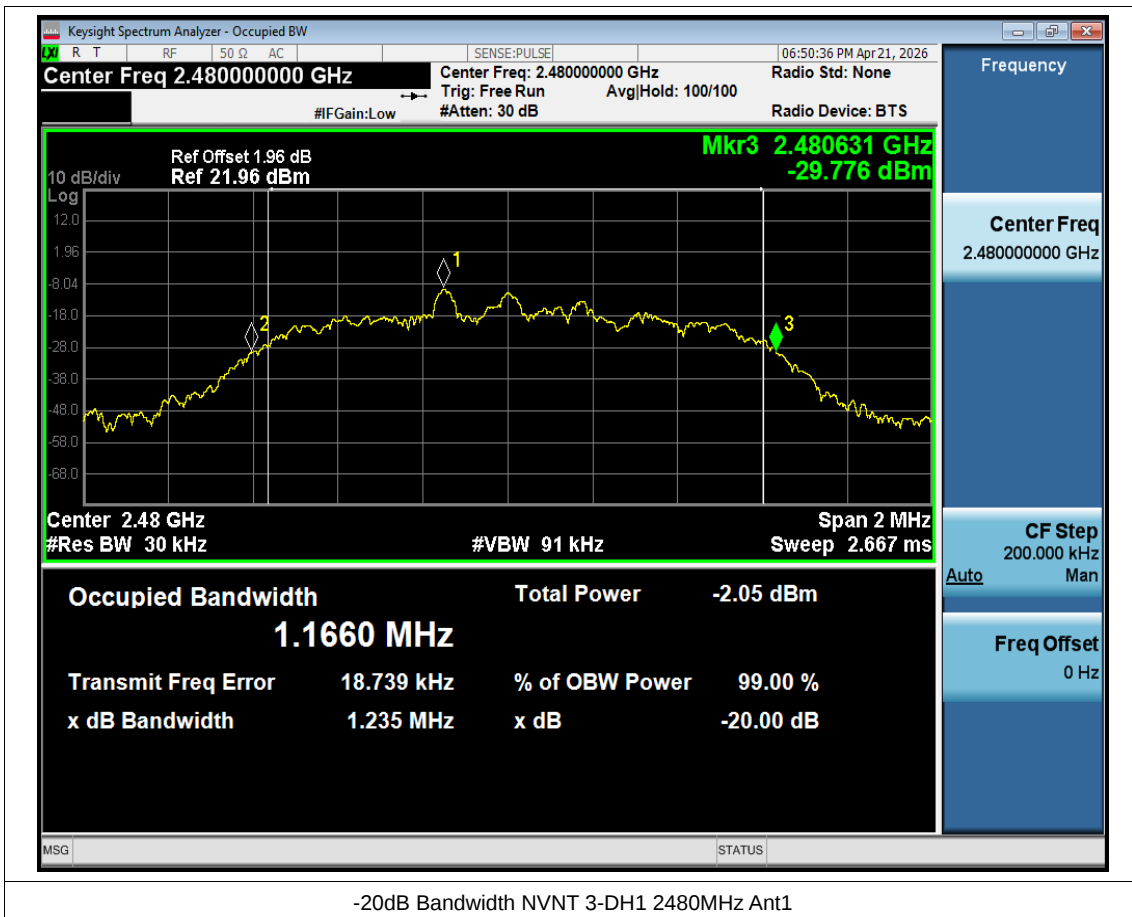
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.85713
NVNT	1-DH1	2441	Ant1	0.86055
NVNT	1-DH1	2480	Ant1	0.87975
NVNT	2-DH1	2402	Ant1	1.18
NVNT	2-DH1	2441	Ant1	1.1711
NVNT	2-DH1	2480	Ant1	1.1879
NVNT	3-DH1	2402	Ant1	1.0459
NVNT	3-DH1	2441	Ant1	1.1761
NVNT	3-DH1	2480	Ant1	1.1876



OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1



OBW NVNT 1-DH1 2480MHz Ant1



OBW NVNT 2-DH1 2402MHz Ant1



OBW NVNT 2-DH1 2441MHz Ant1



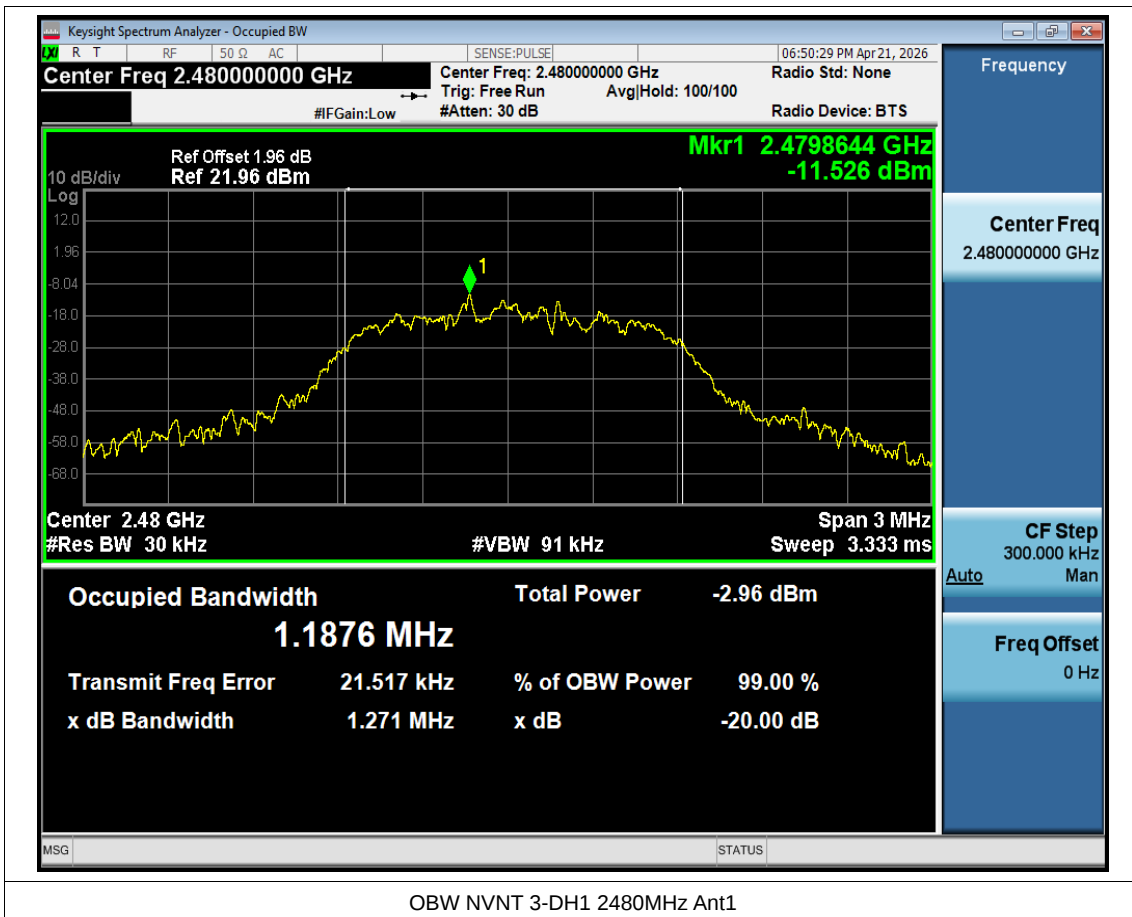
OBW NVNT 2-DH1 2480MHz Ant1



OBW NVNT 3-DH1 2402MHz Ant1

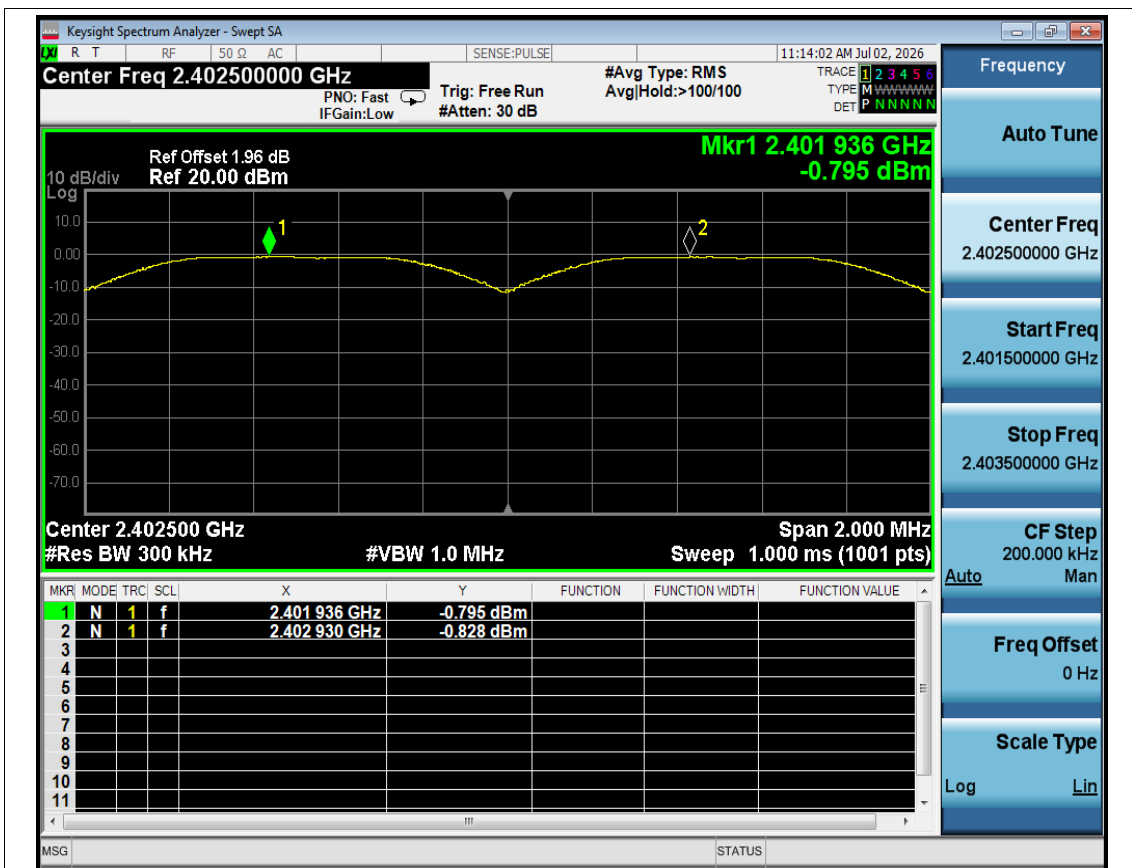


OBW NVNT 3-DH1 2441MHz Ant1

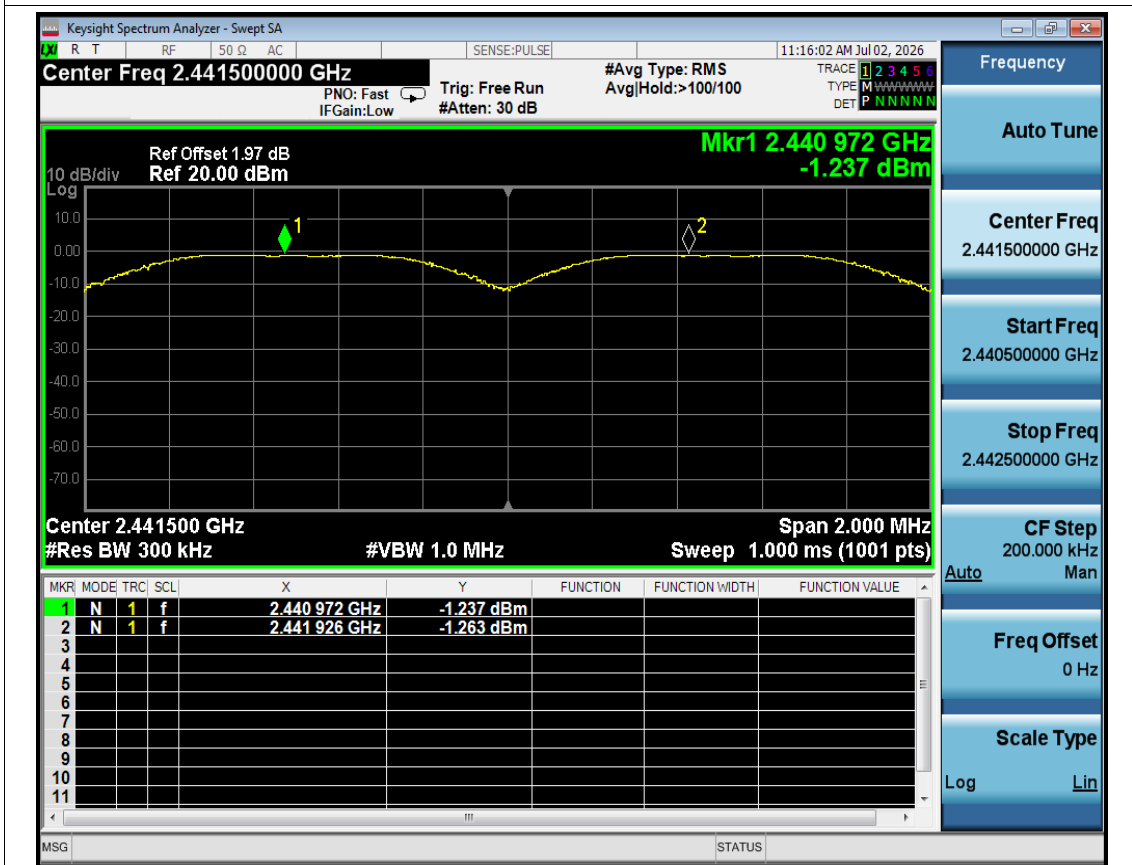


Carrier Frequencies Separation

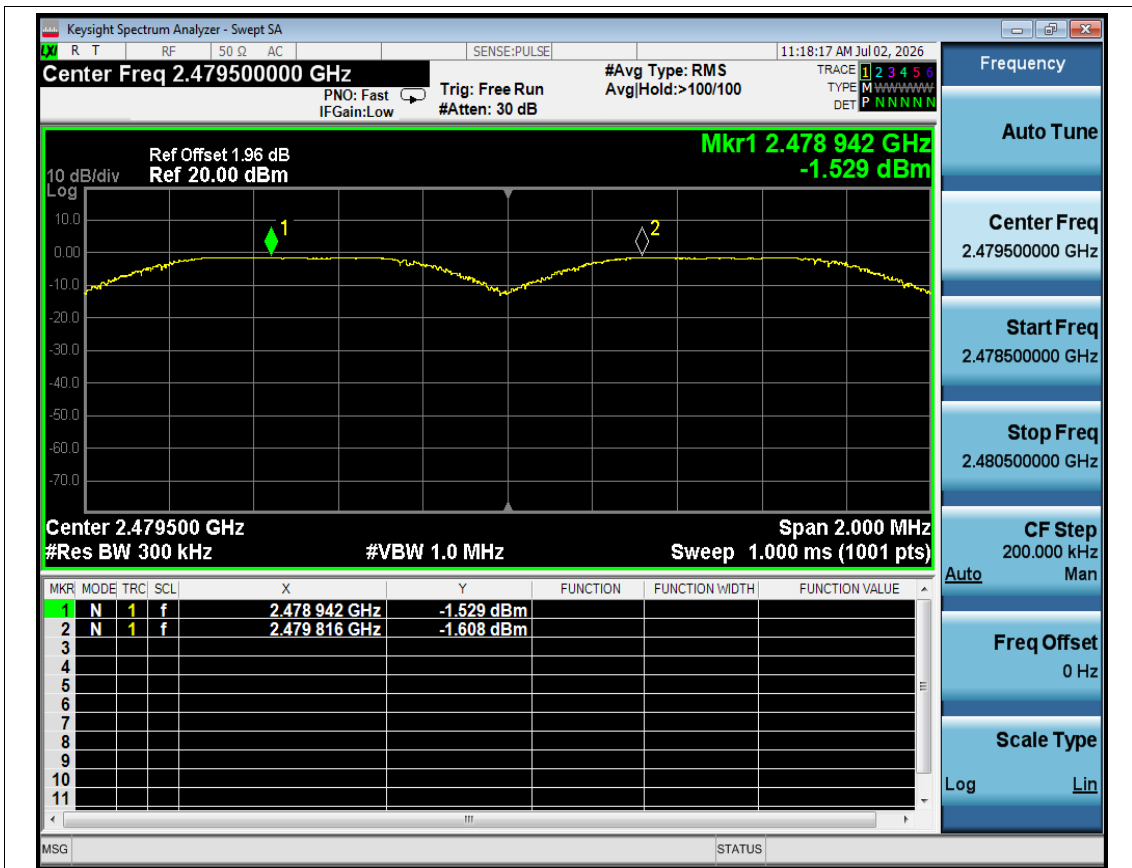
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2401.936	2402.93	0.994	0.617	Pass
NVNT	1-DH1	Ant1	2440.972	2441.926	0.954	0.609	Pass
NVNT	1-DH1	Ant1	2478.942	2479.816	0.874	0.664	Pass
NVNT	2-DH1	Ant1	2401.954	2402.974	1.02	0.844	Pass
NVNT	2-DH1	Ant1	2440.976	2441.968	0.992	0.845	Pass
NVNT	2-DH1	Ant1	2478.94	2479.936	0.996	0.879	Pass
NVNT	3-DH1	Ant1	2402.03	2403.002	0.972	0.823	Pass
NVNT	3-DH1	Ant1	2440.996	2442	1.004	0.831	Pass
NVNT	3-DH1	Ant1	2478.988	2480	1.012	0.823	Pass



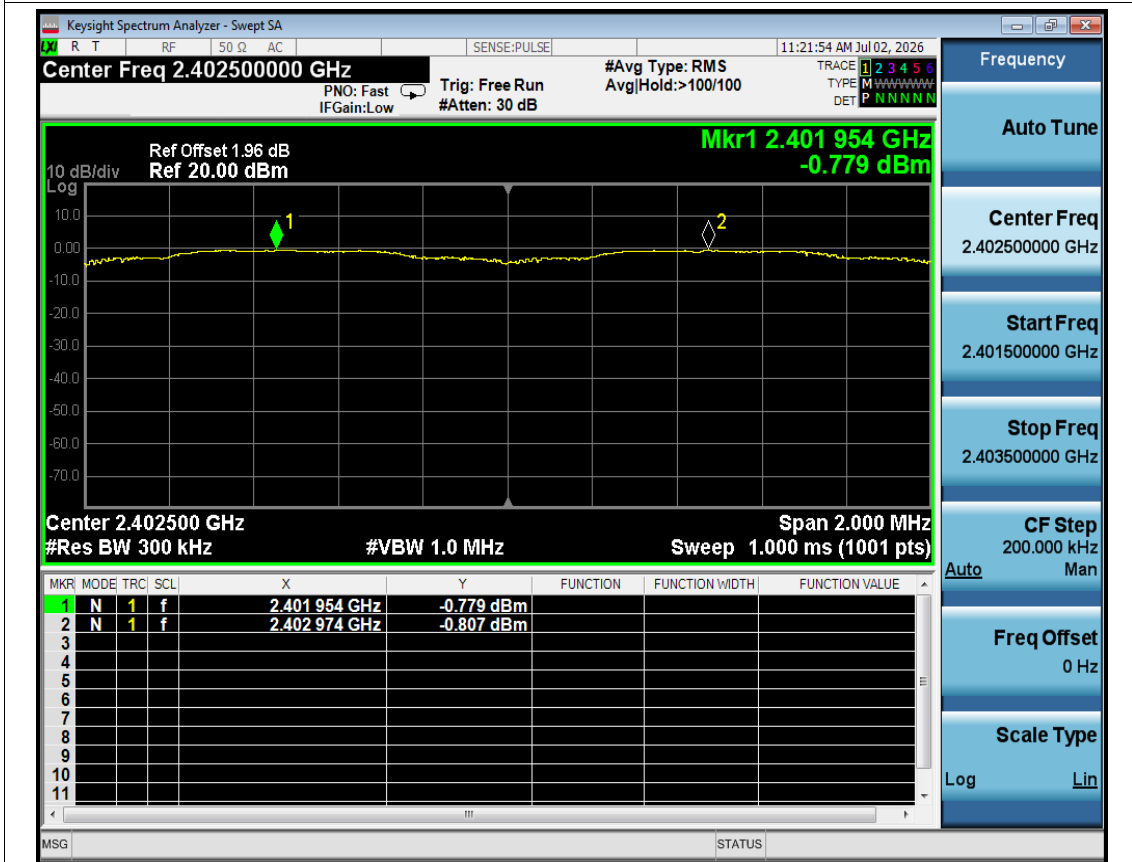
CFS NVNT 1-DH1 2402MHz Ant1



CFS NVNT 1-DH1 2441MHz Ant1



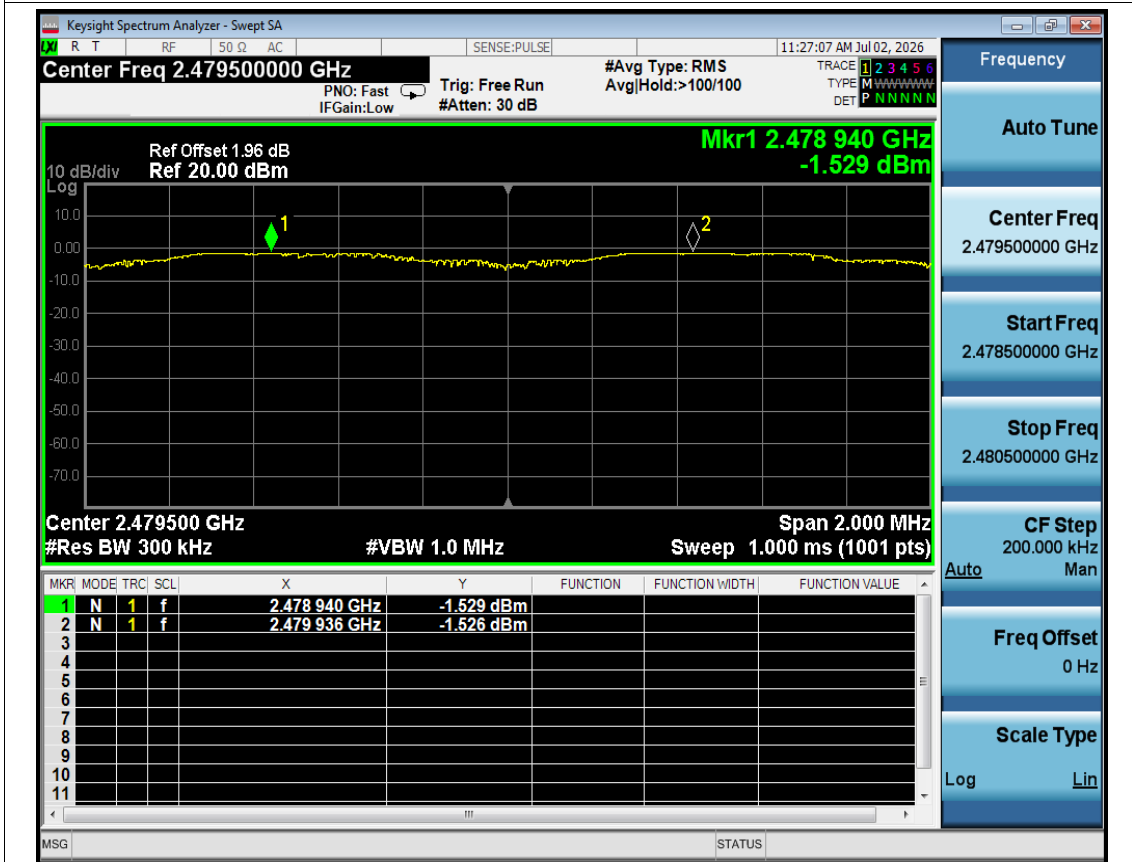
CFS NVNT 1-DH1 2480MHz Ant1



CFS NVNT 2-DH1 2402MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



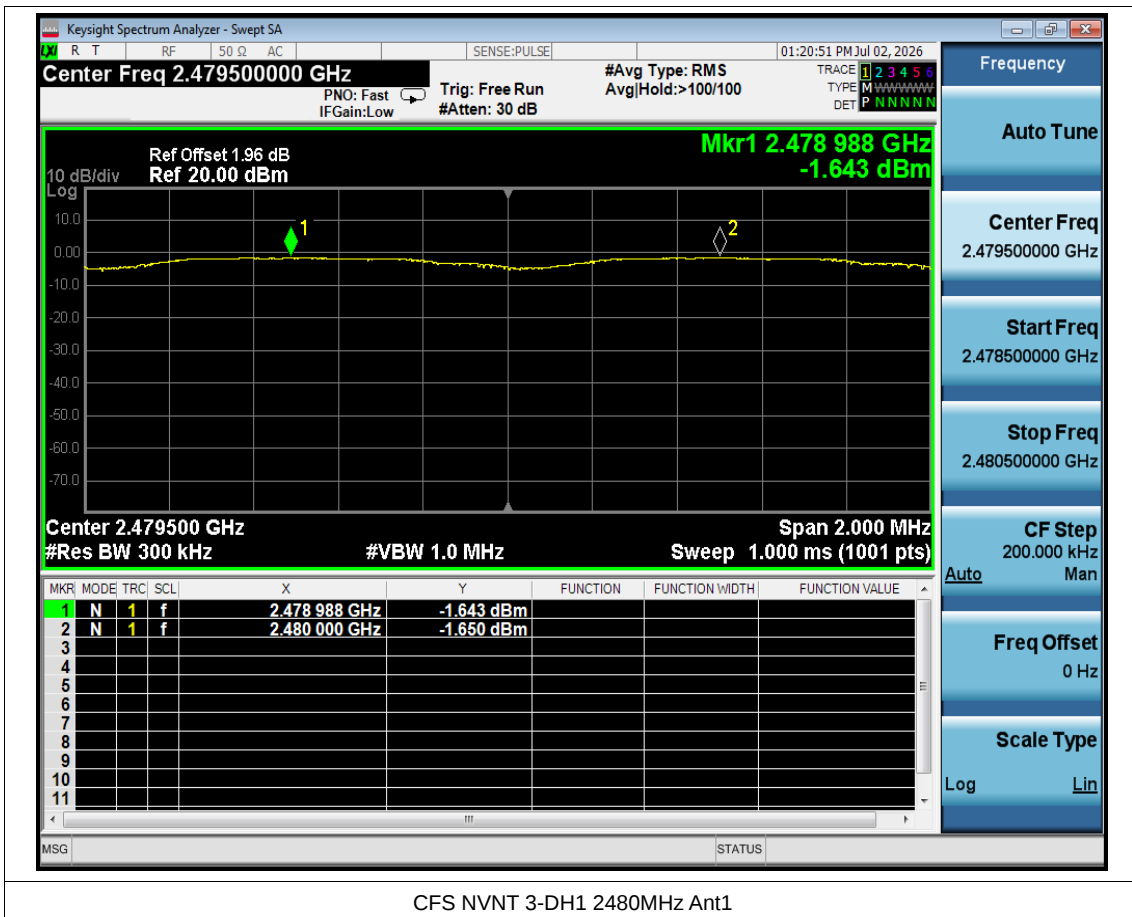
CFS NVNT 2-DH1 2480MHz Ant1



CFS NVNT 3-DH1 2402MHz Ant1

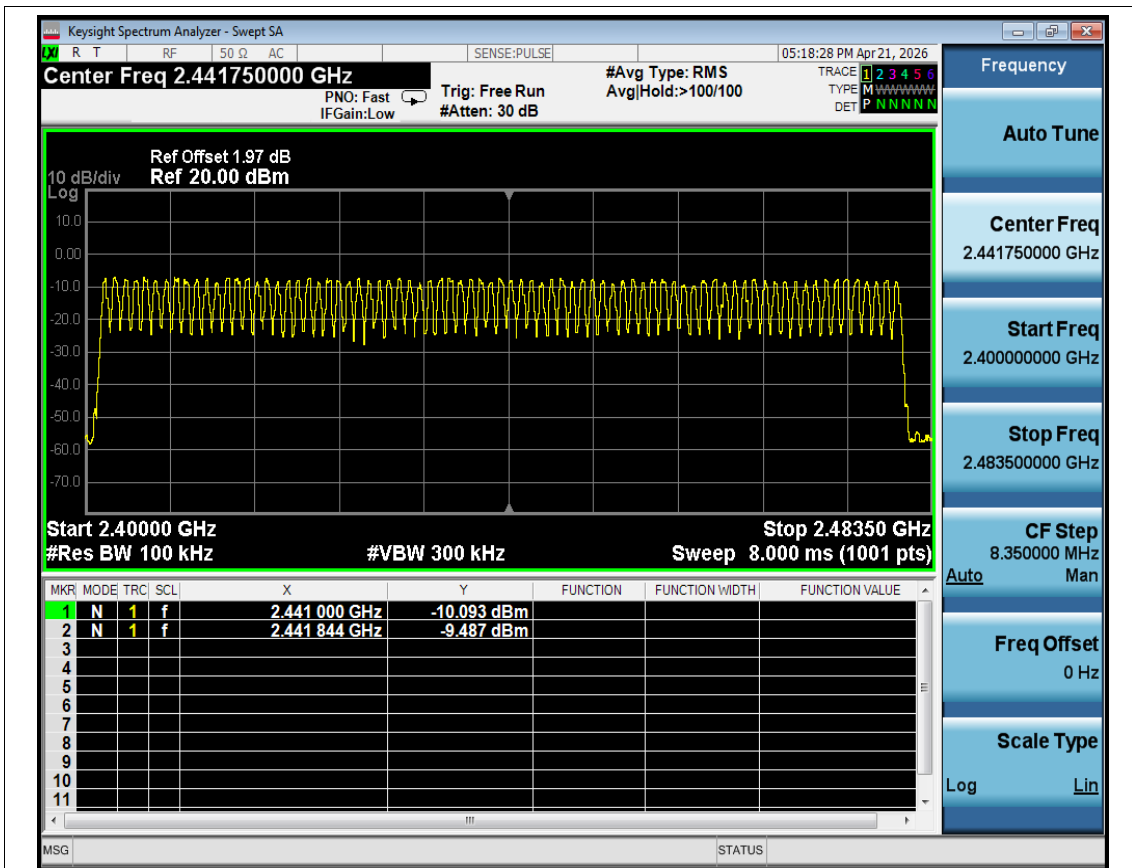


CFS NVNT 3-DH1 2441MHz Ant1

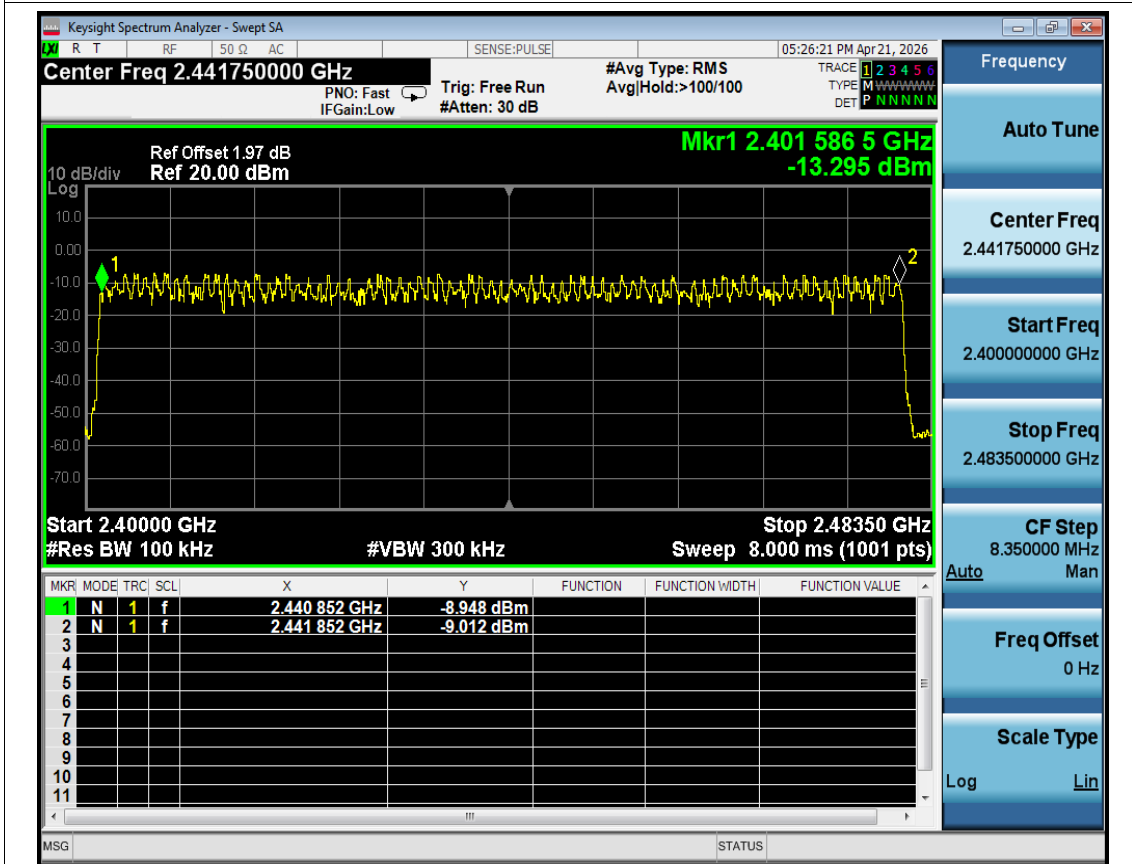


Number of Hopping Channel

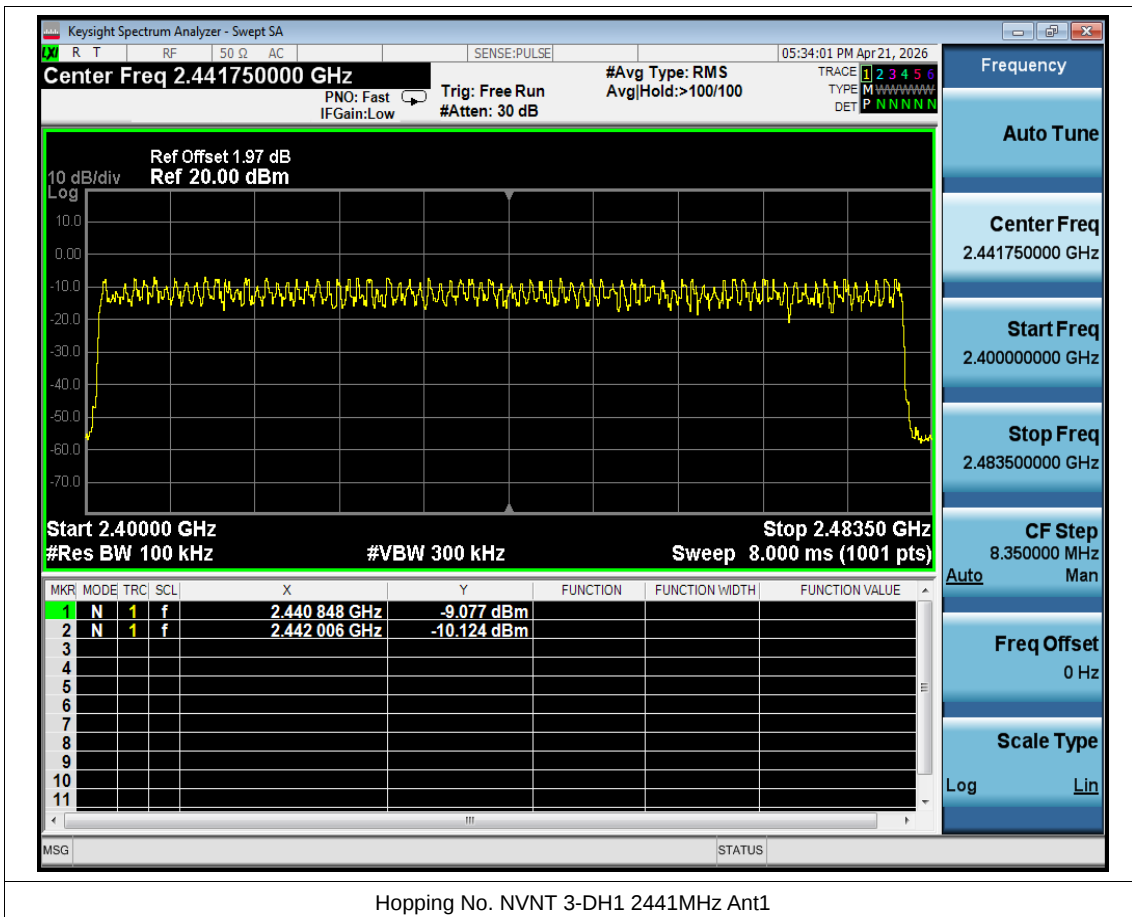
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass



Hopping No. NVNT 1-DH1 2441MHz Ant1

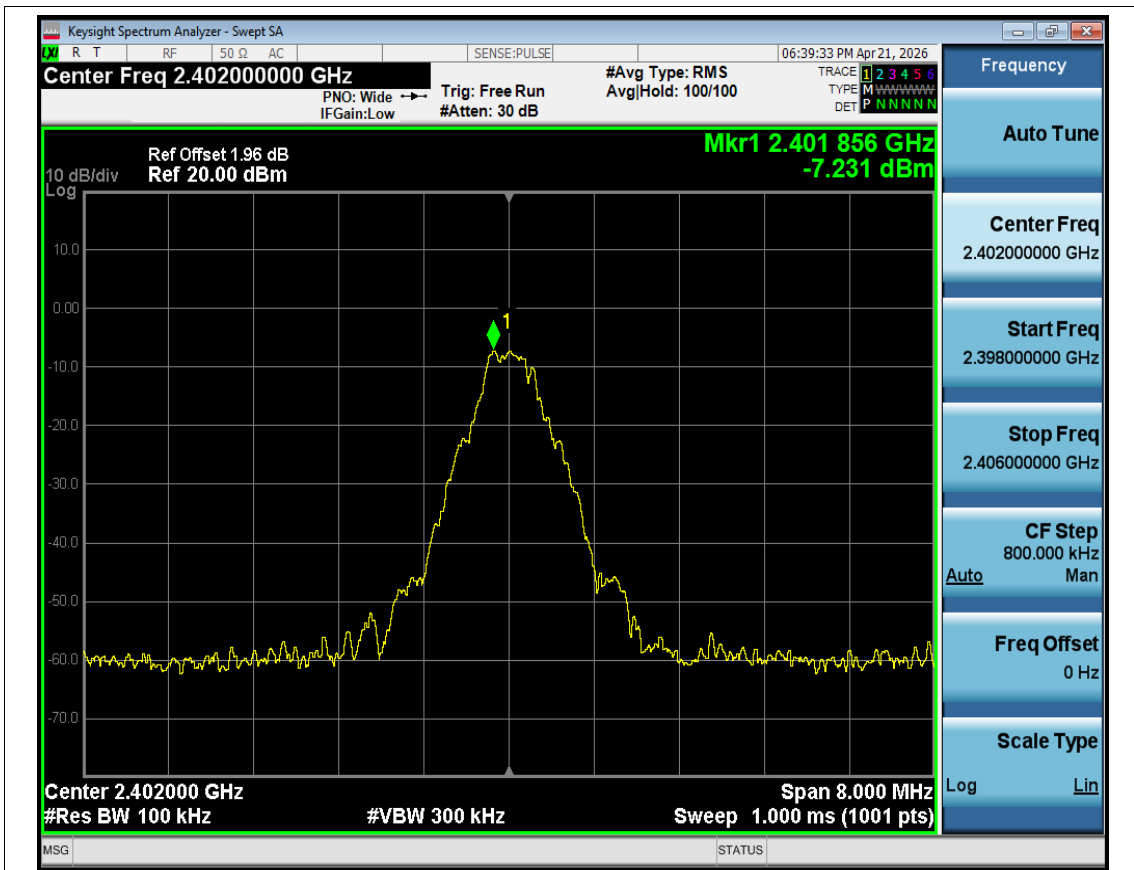


Hopping No. NVNT 2-DH1 2441MHz Ant1

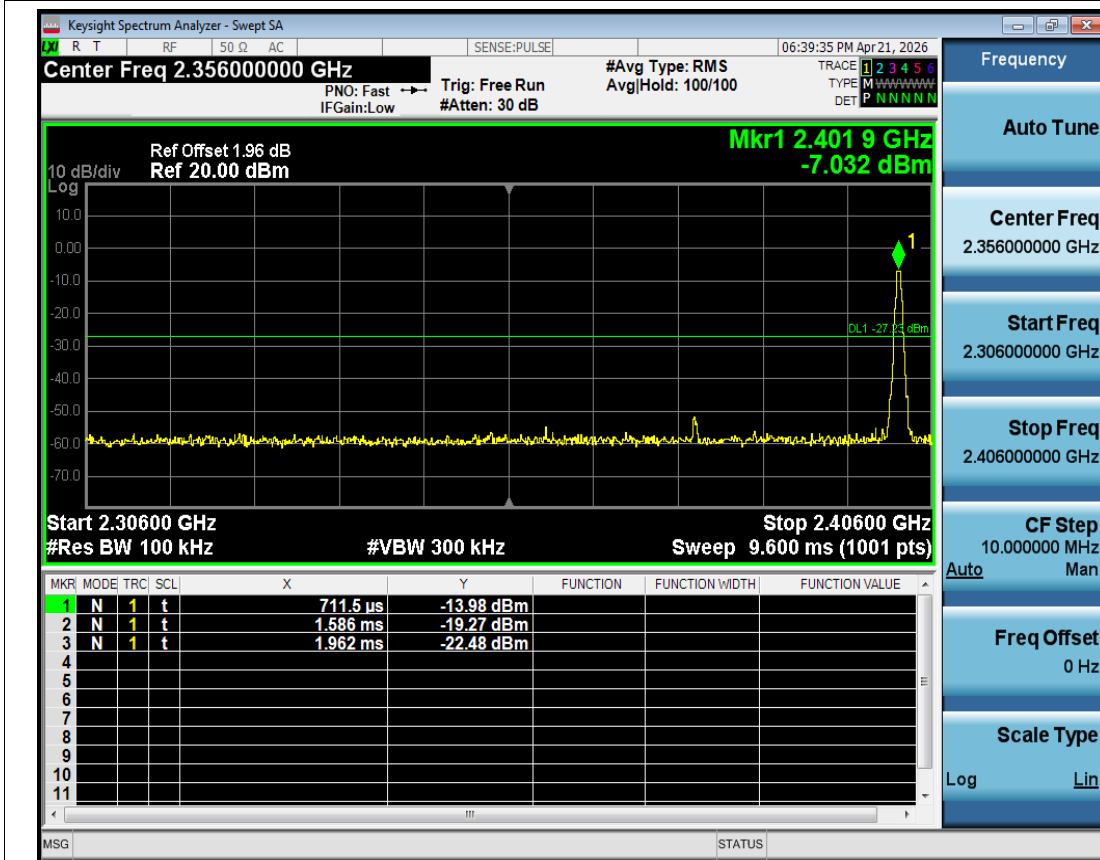


Band Edge

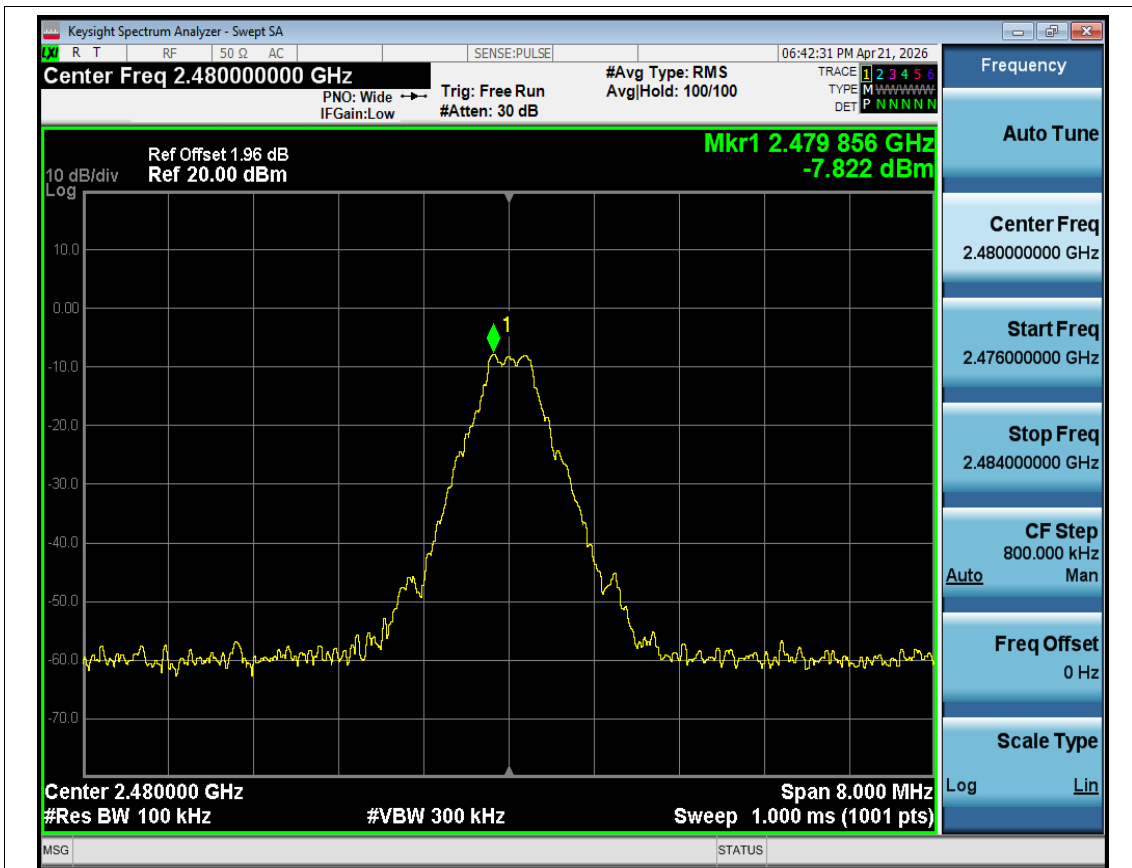
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-44.68	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-47.99	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-46.07	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-47.96	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-45.5	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-47.73	-20	Pass



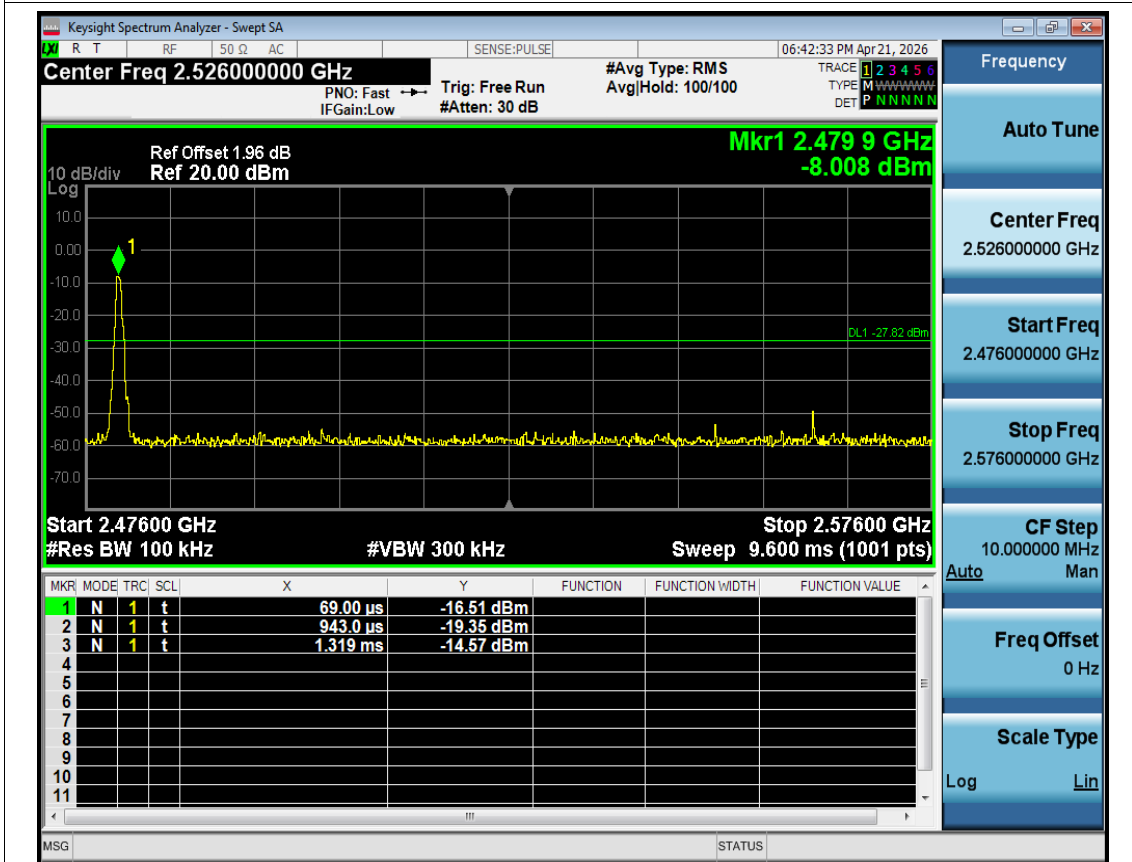
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



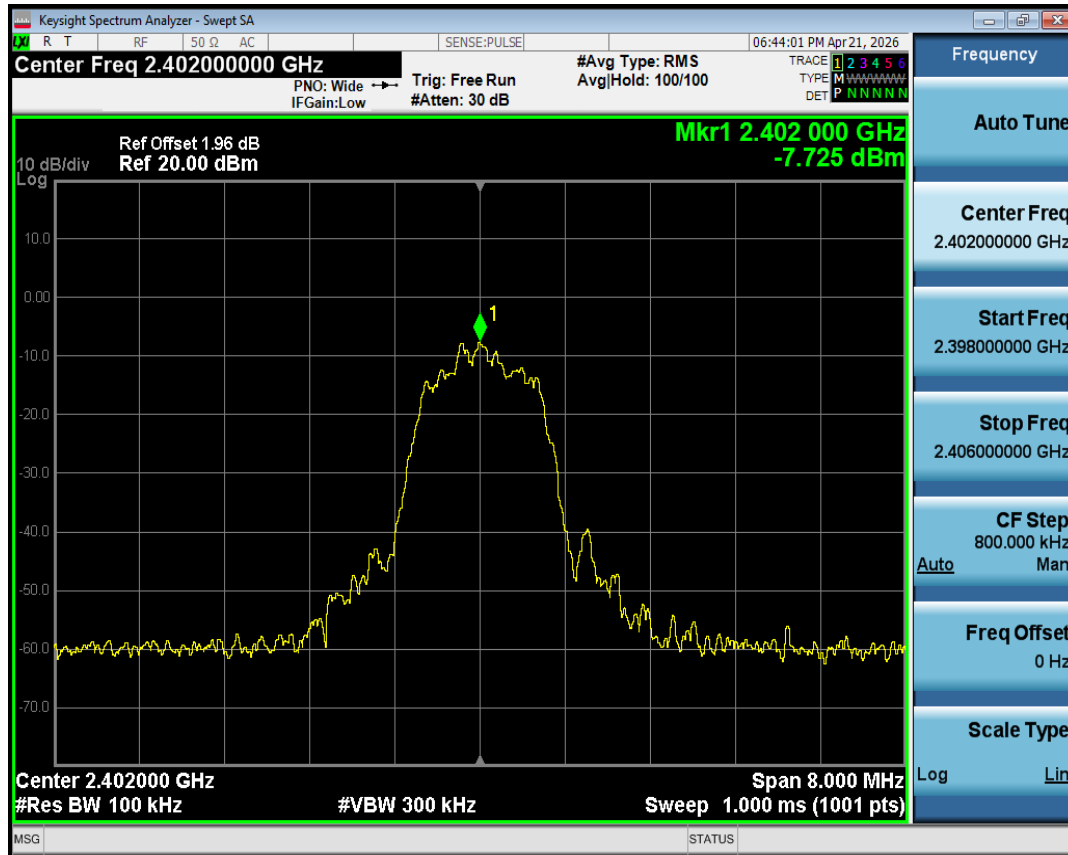
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



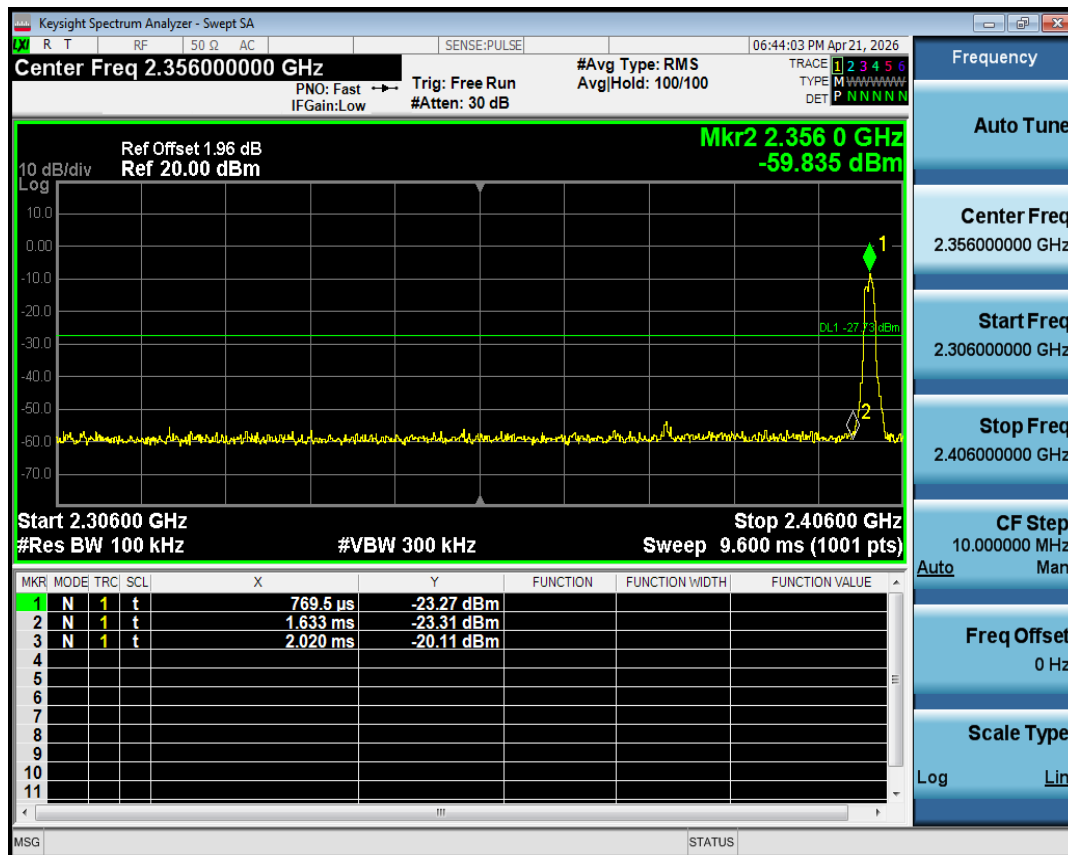
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



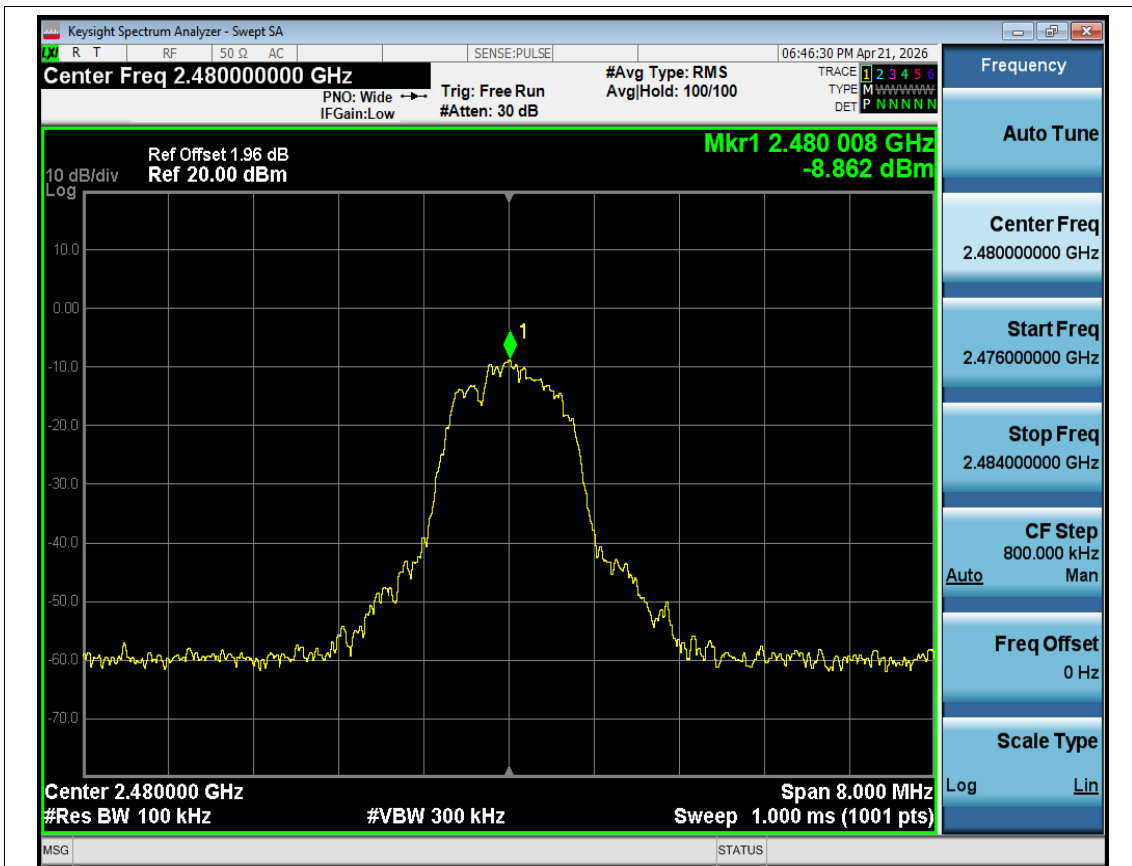
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



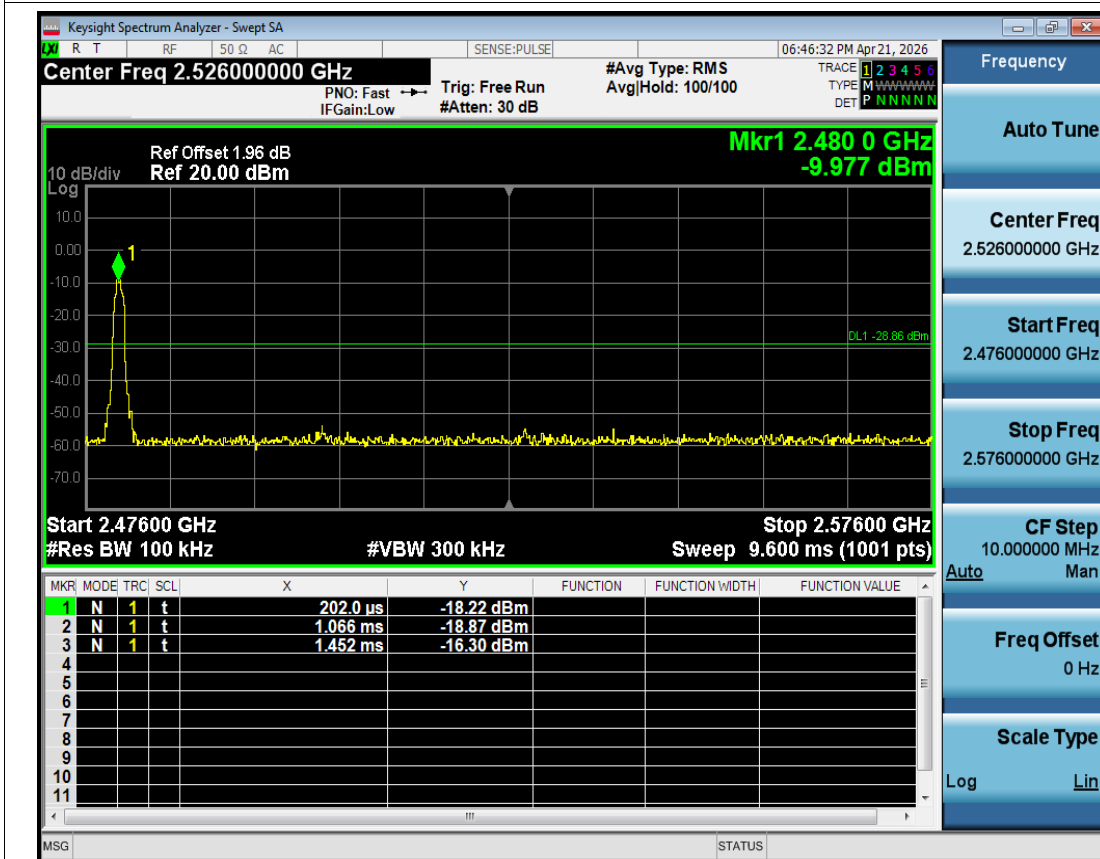
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



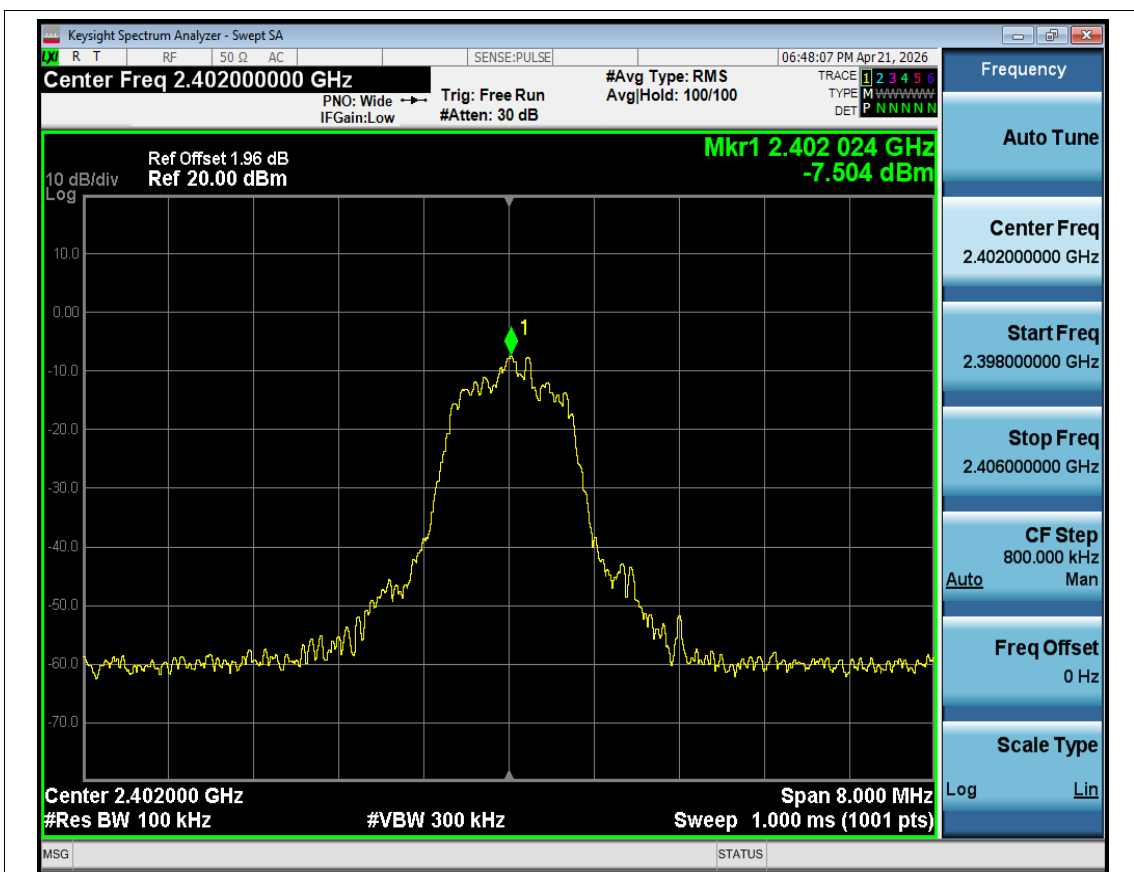
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



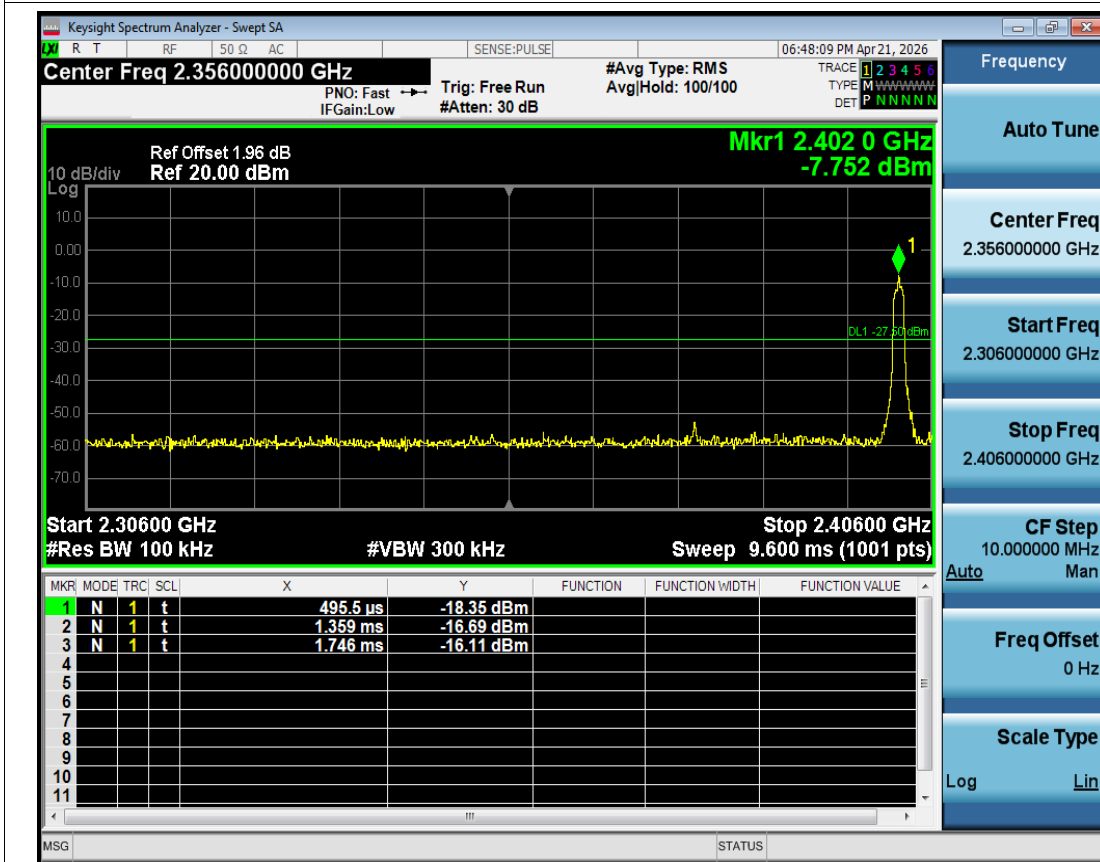
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



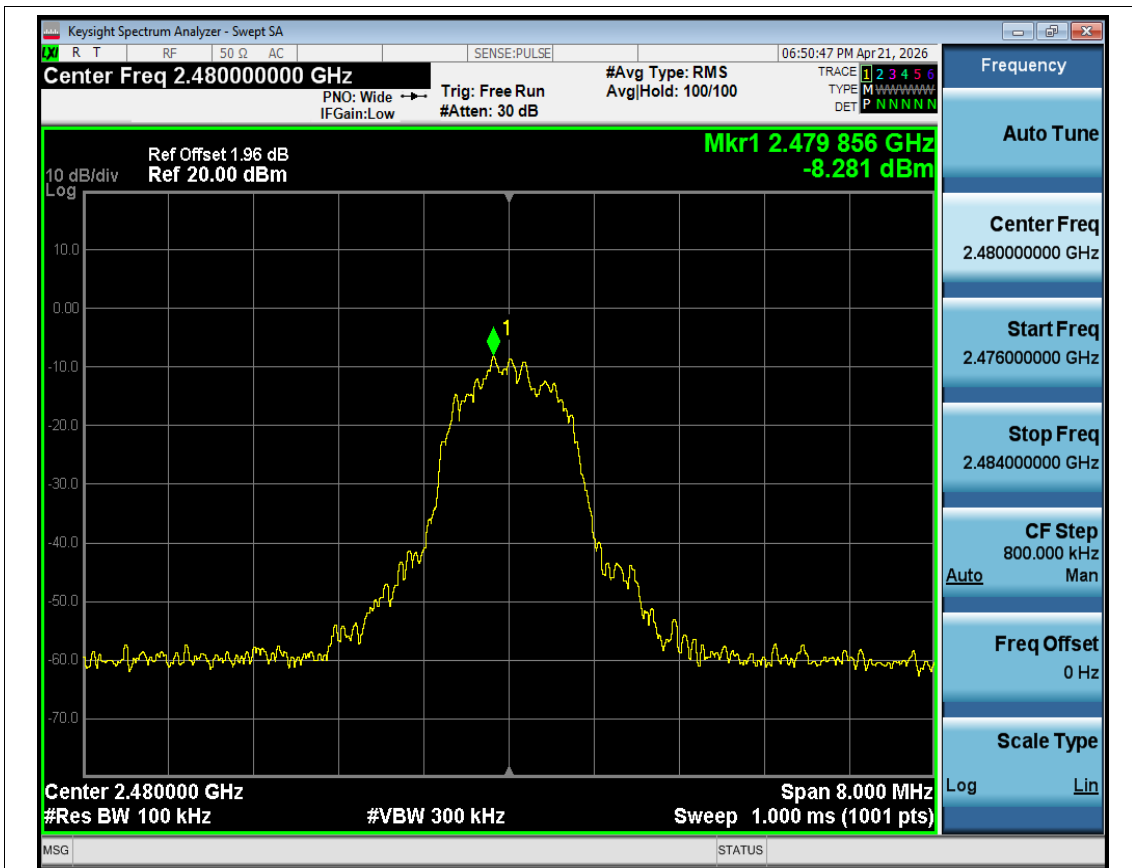
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



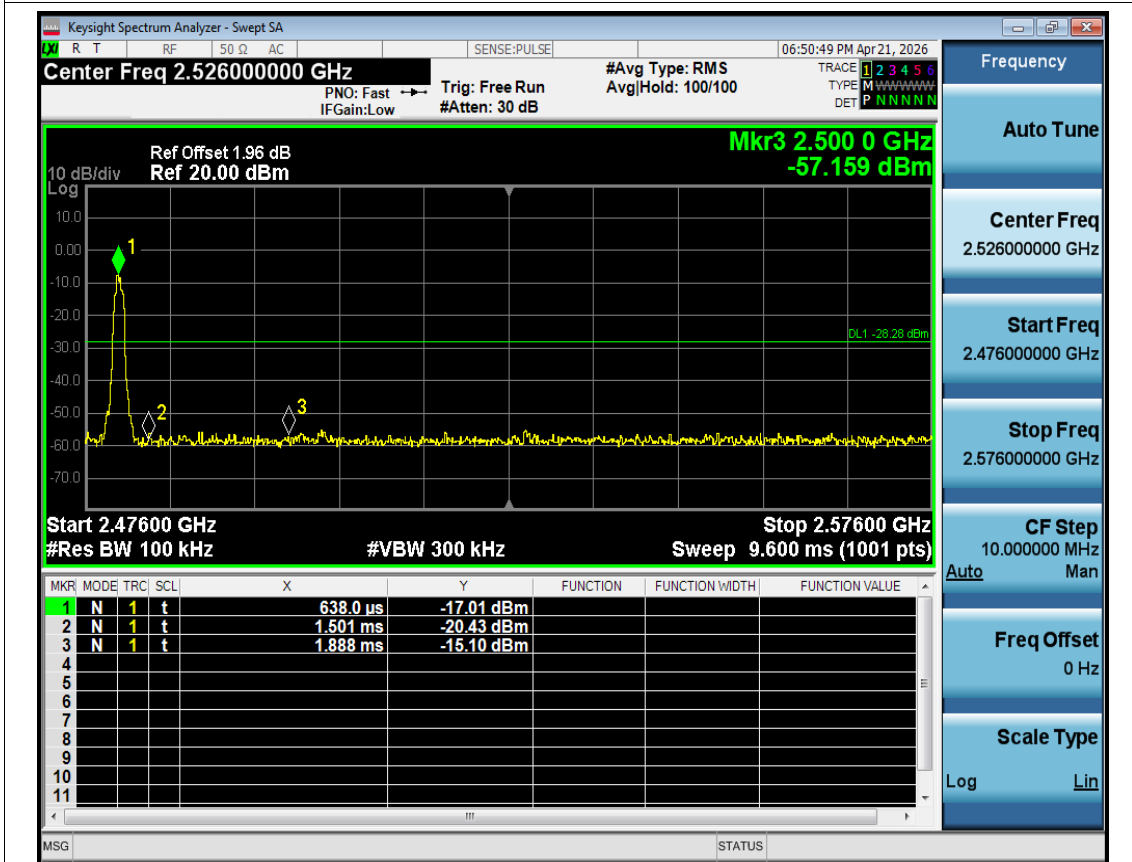
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



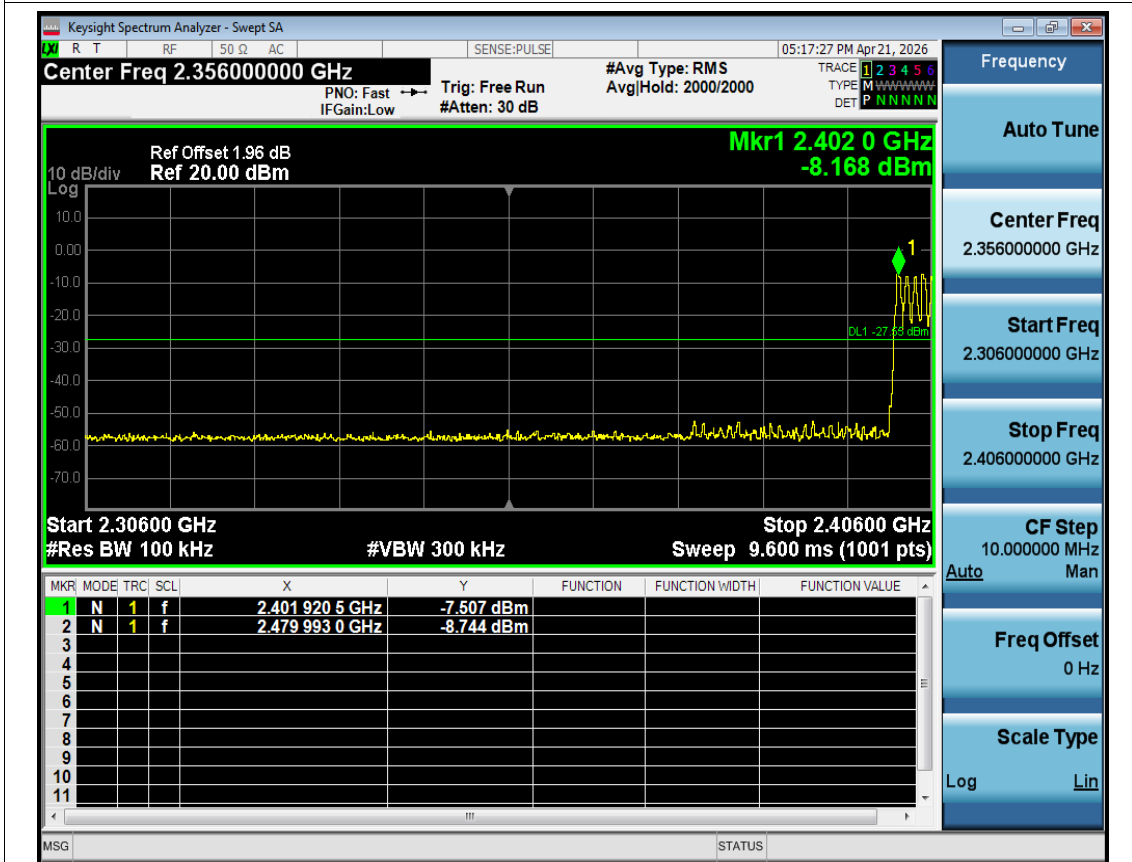
Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission

Band Edge(Hopping)

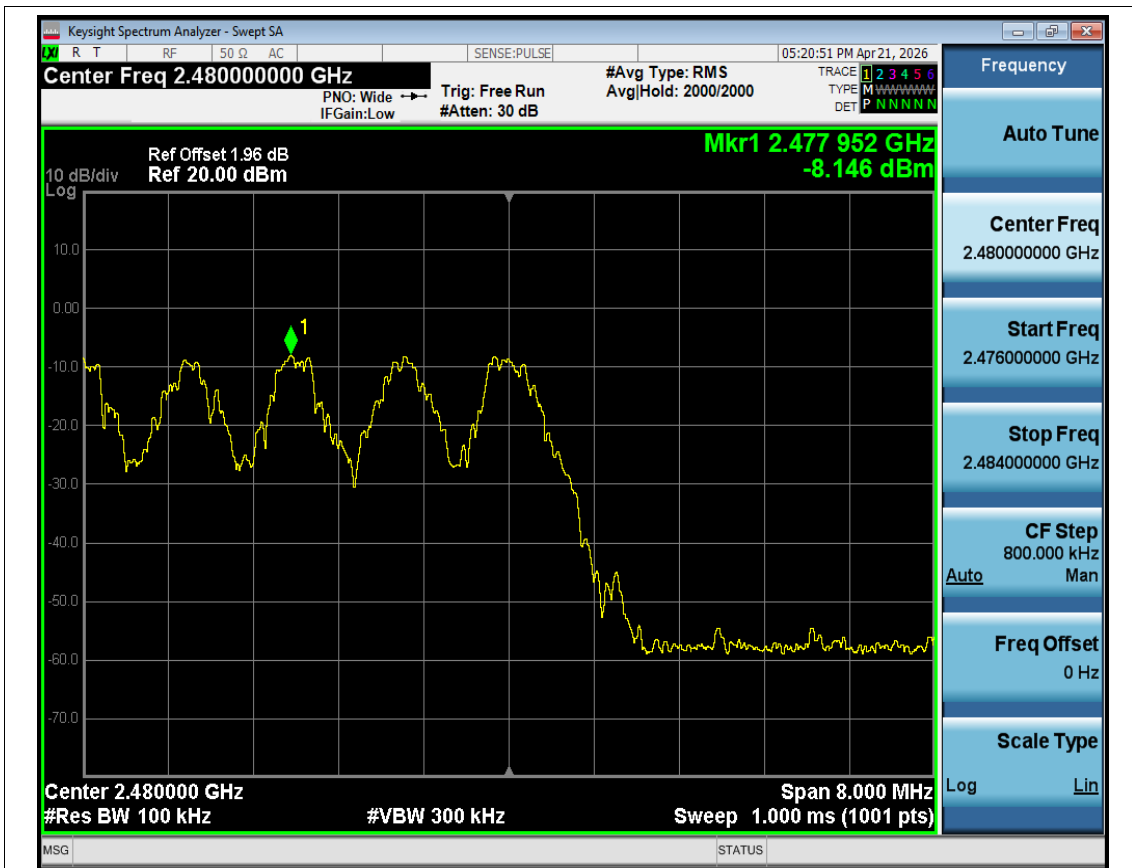
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-45.08	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-45.44	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-46.91	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-46.58	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-47.23	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-45.97	-20	Pass



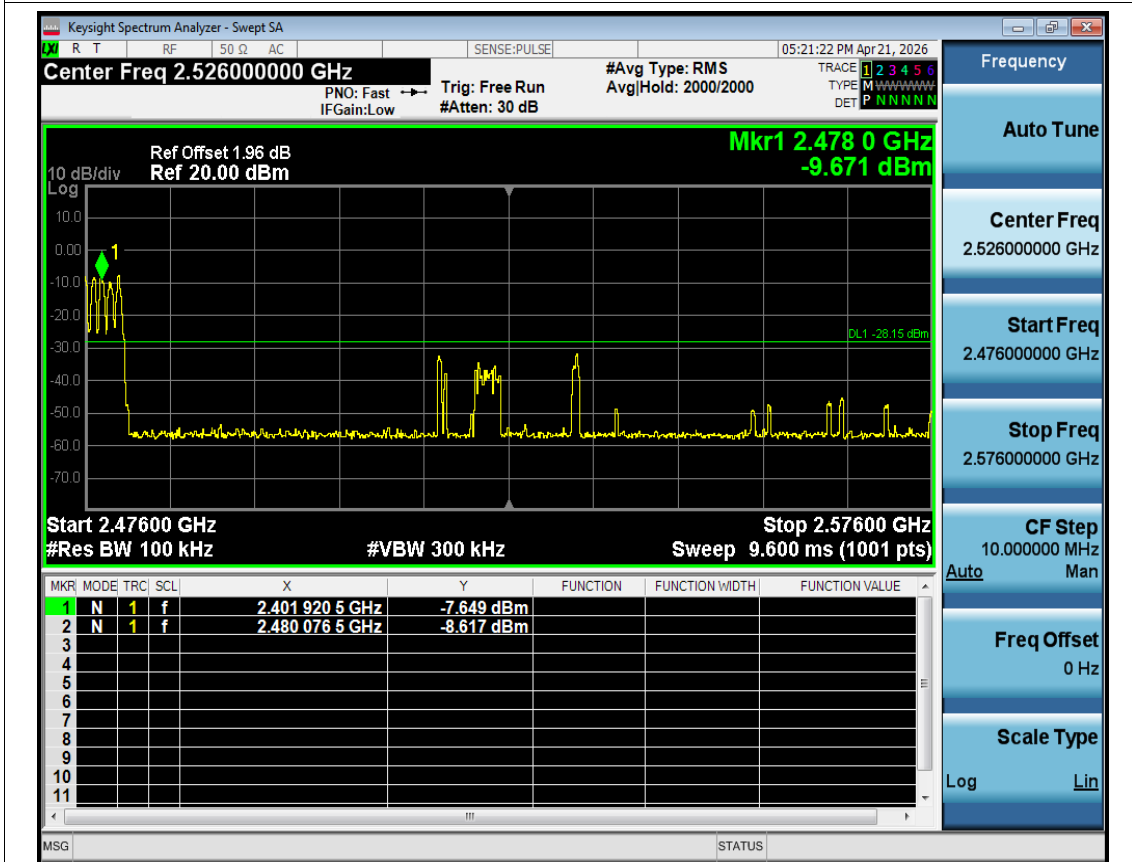
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



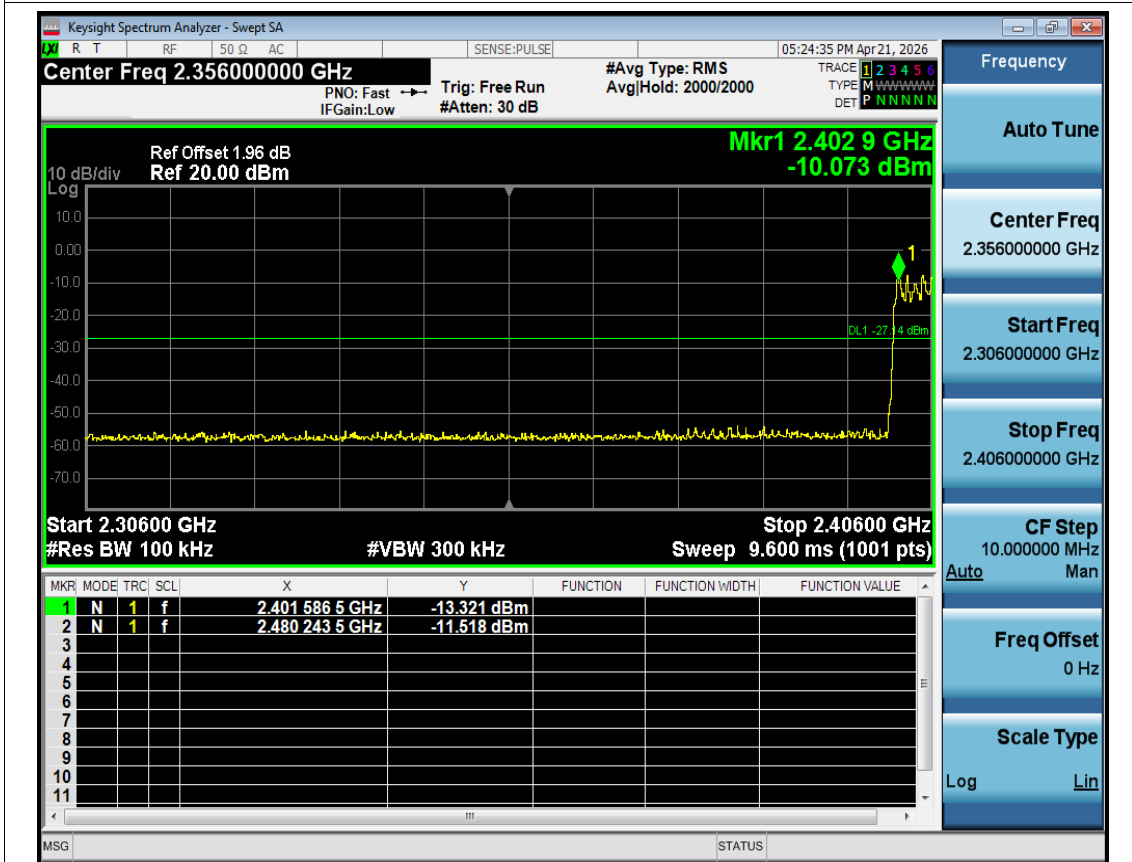
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



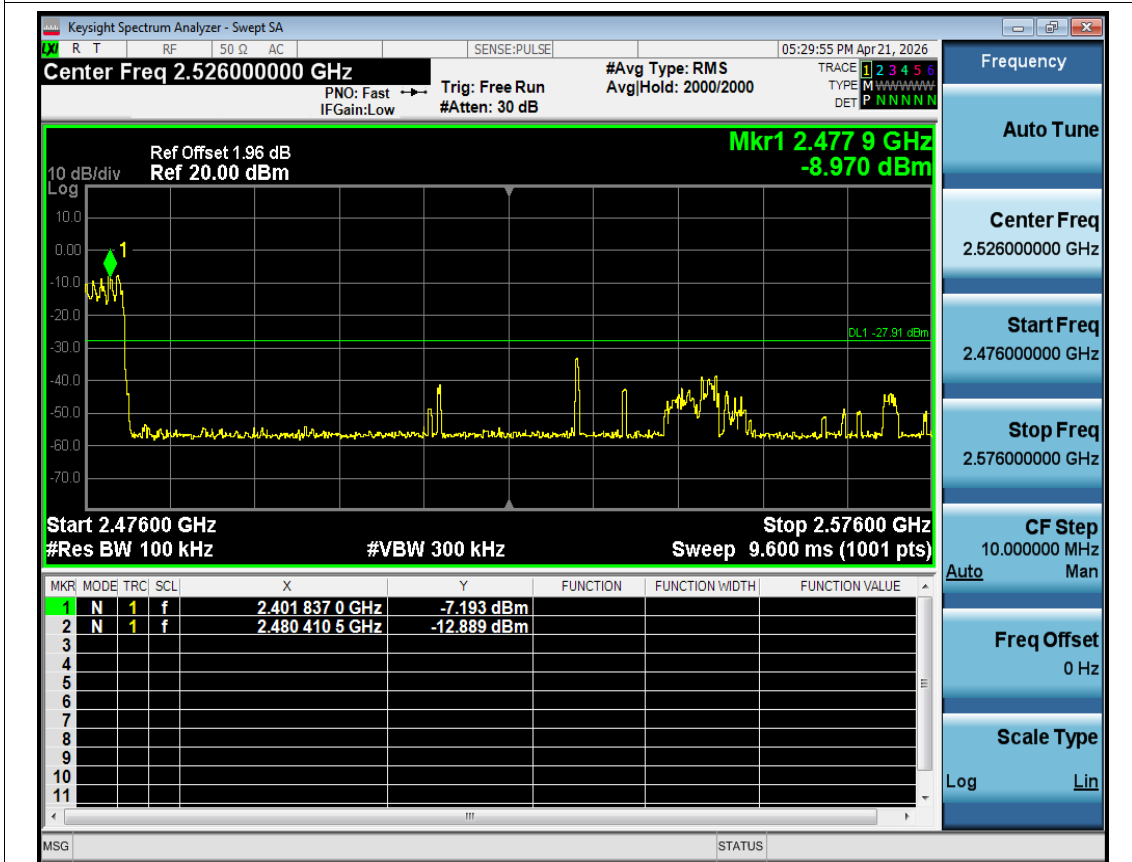
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



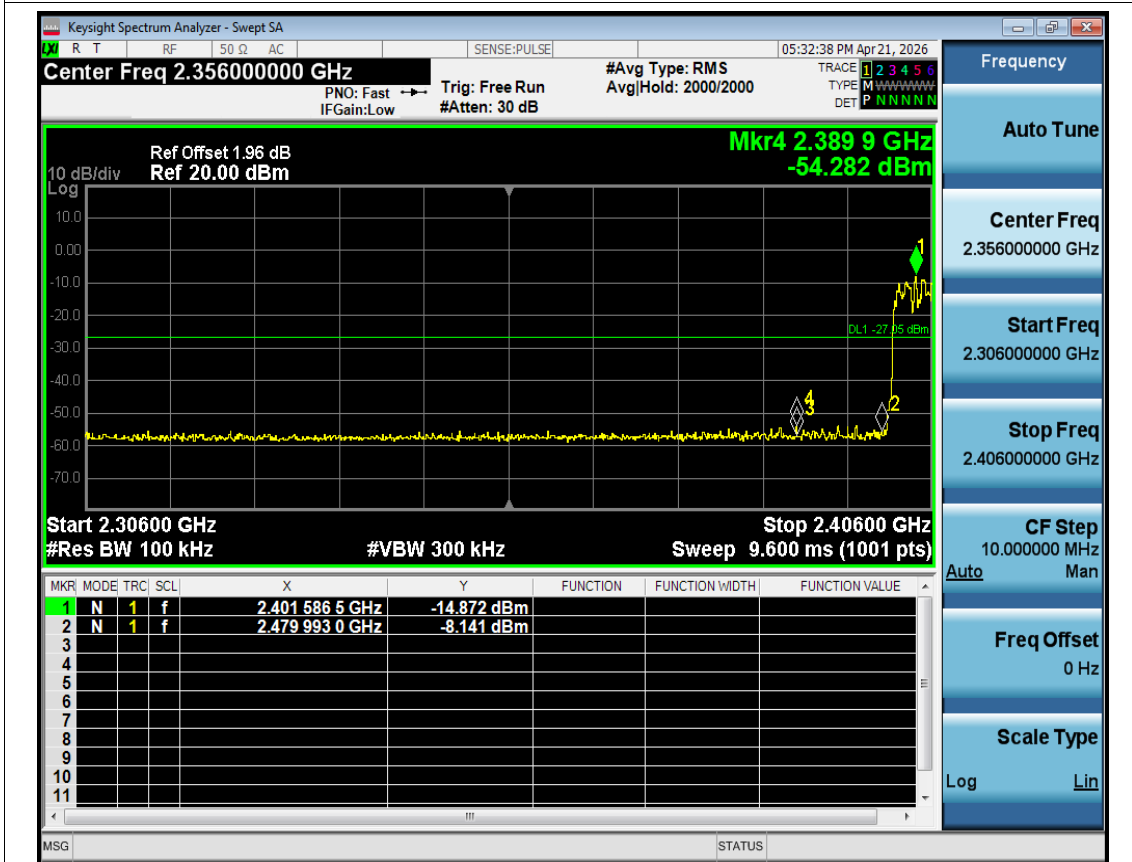
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



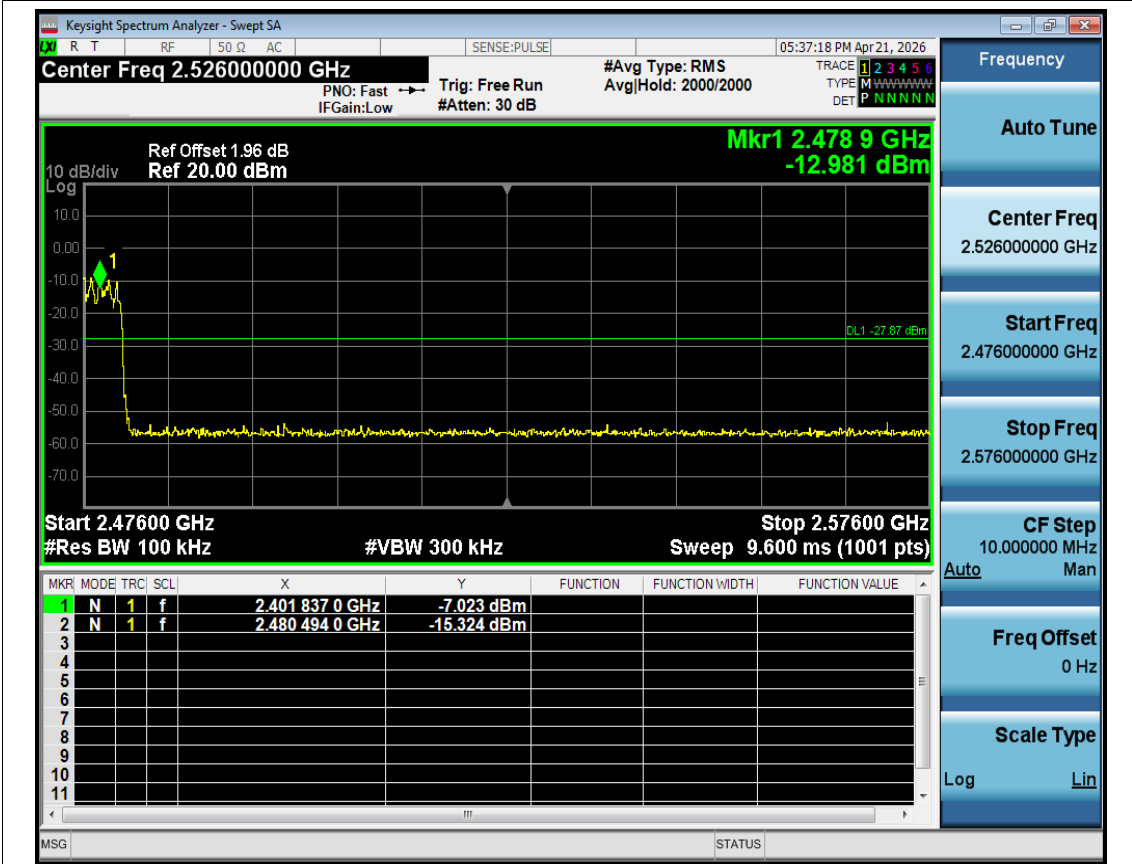
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



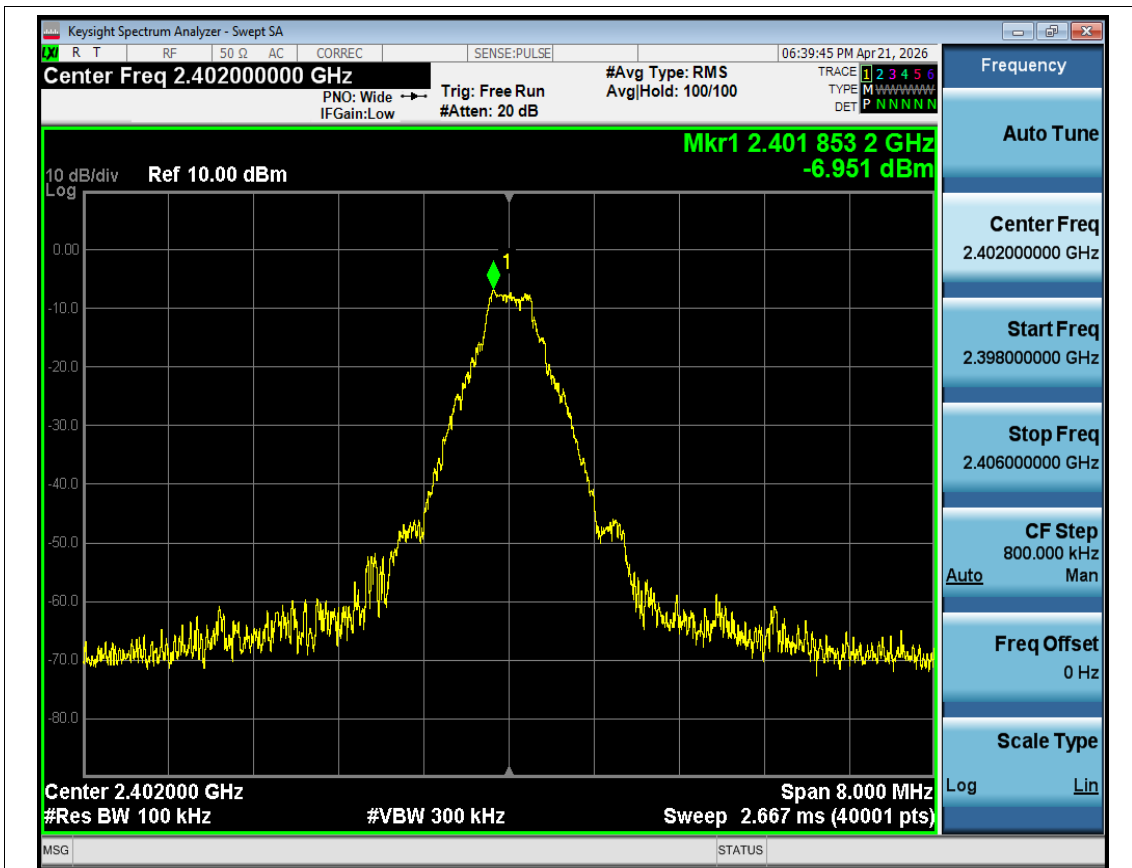
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



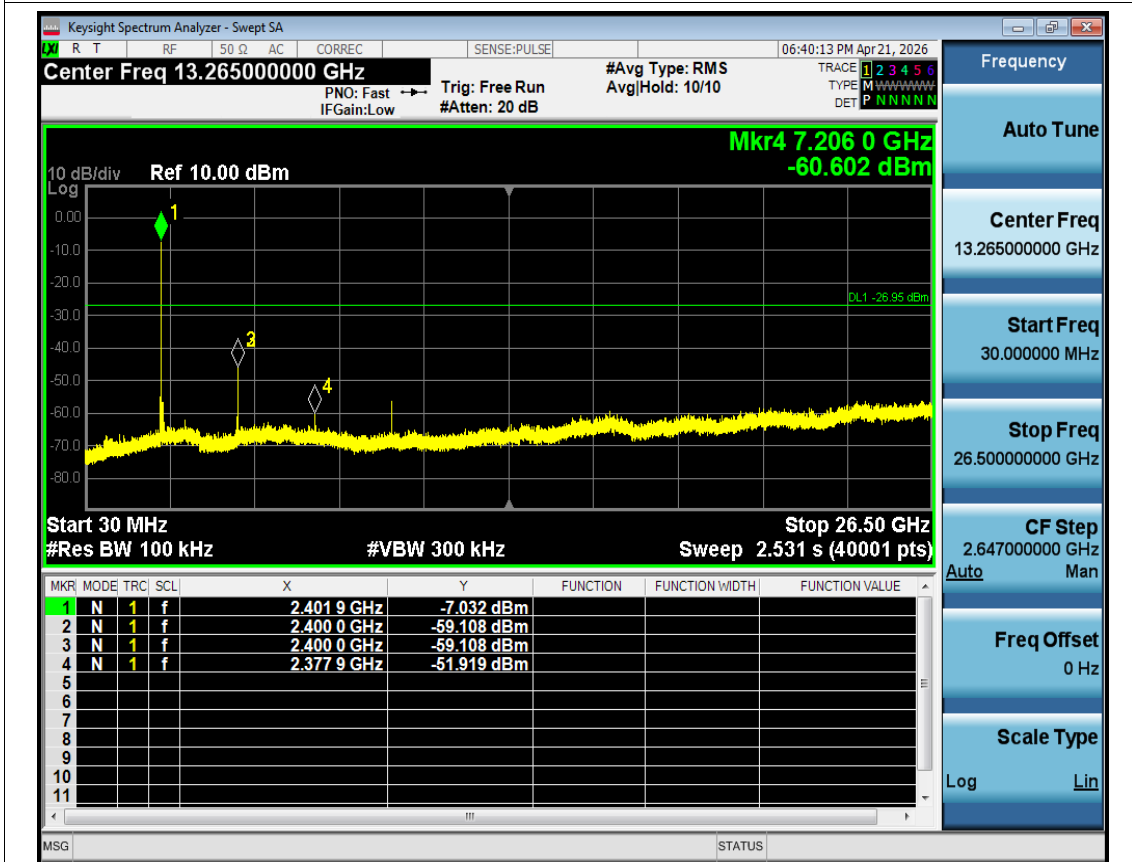
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission

Conducted RF Spurious Emission

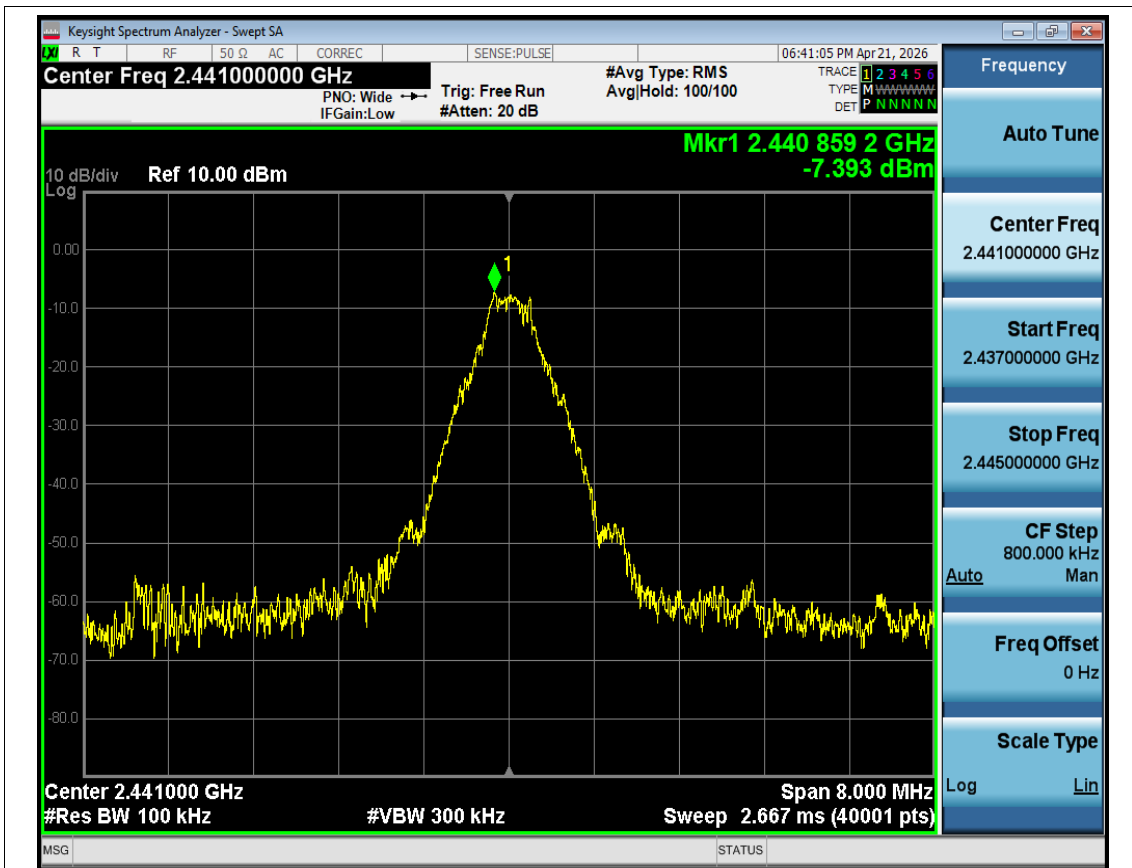
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-39.35	-20	Pass
NVNT	1-DH1	2441	Ant1	-39.11	-20	Pass
NVNT	1-DH1	2480	Ant1	-34.46	-20	Pass
NVNT	2-DH1	2402	Ant1	-38.63	-20	Pass
NVNT	2-DH1	2441	Ant1	-38.67	-20	Pass
NVNT	2-DH1	2480	Ant1	-38.99	-20	Pass
NVNT	3-DH1	2402	Ant1	-34.53	-20	Pass
NVNT	3-DH1	2441	Ant1	-38.75	-20	Pass
NVNT	3-DH1	2480	Ant1	-38.69	-20	Pass



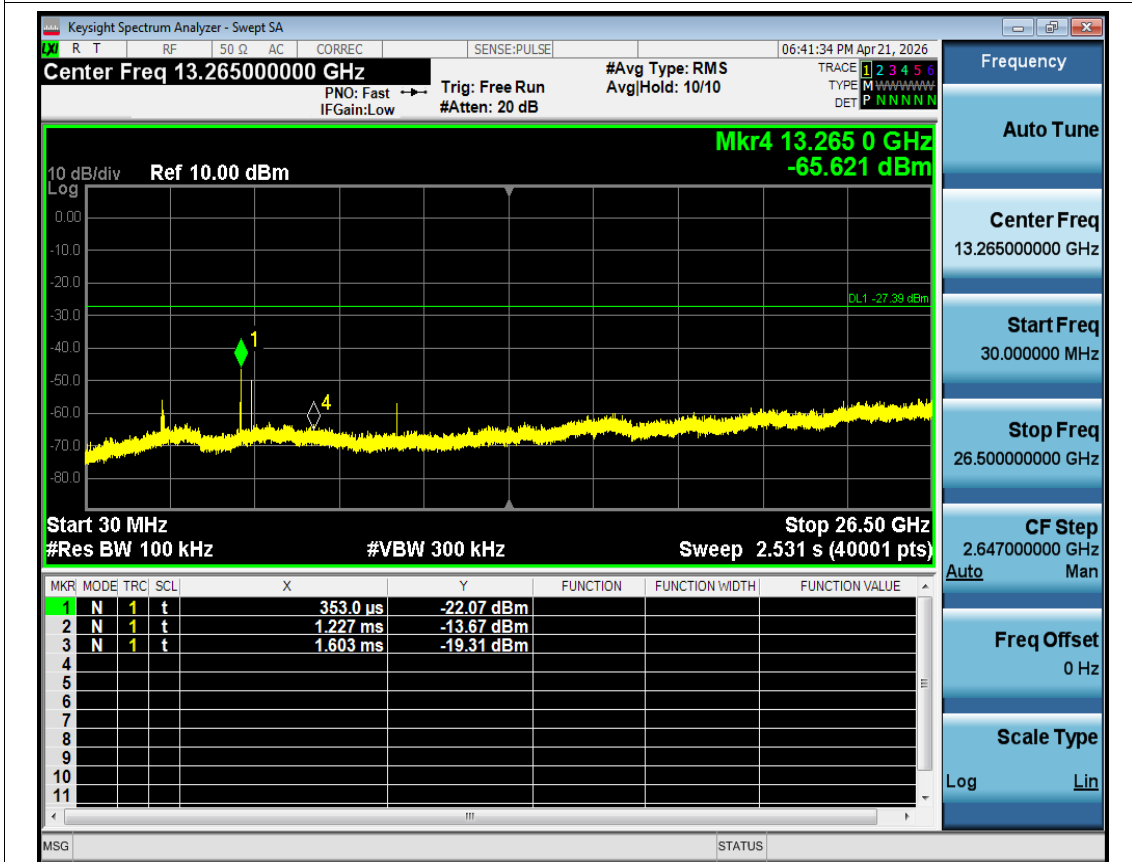
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



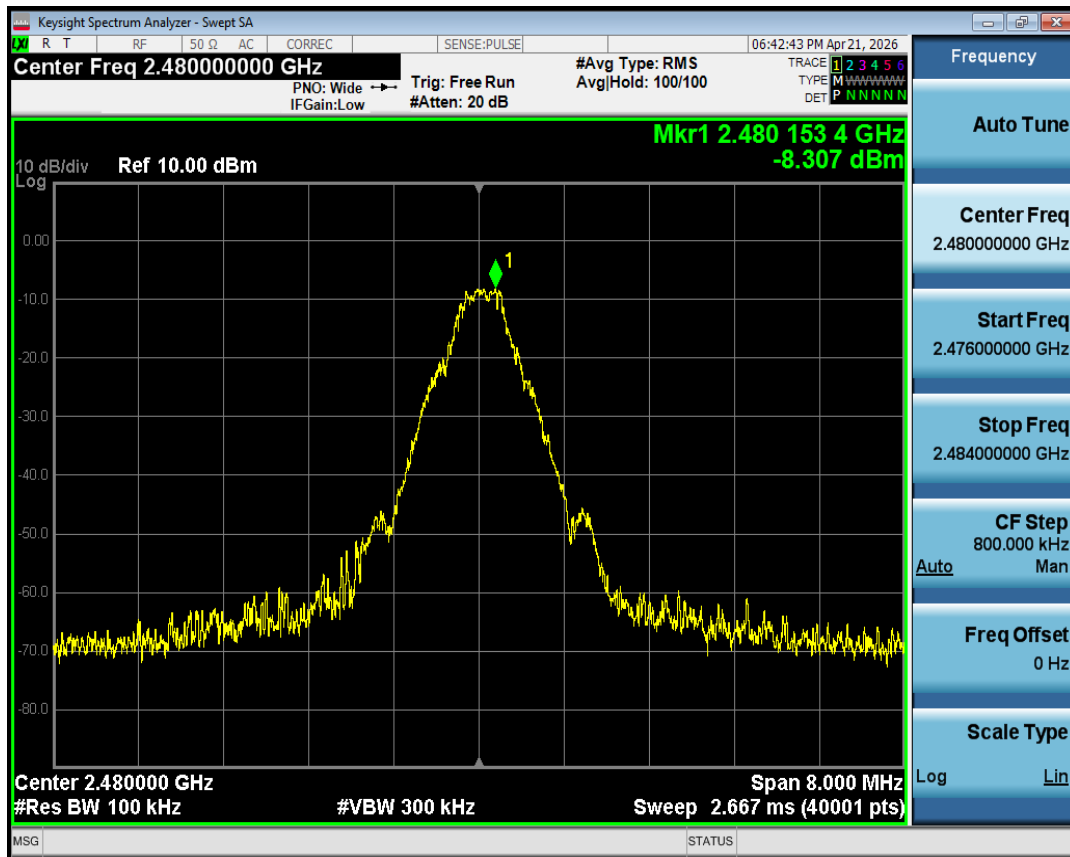
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



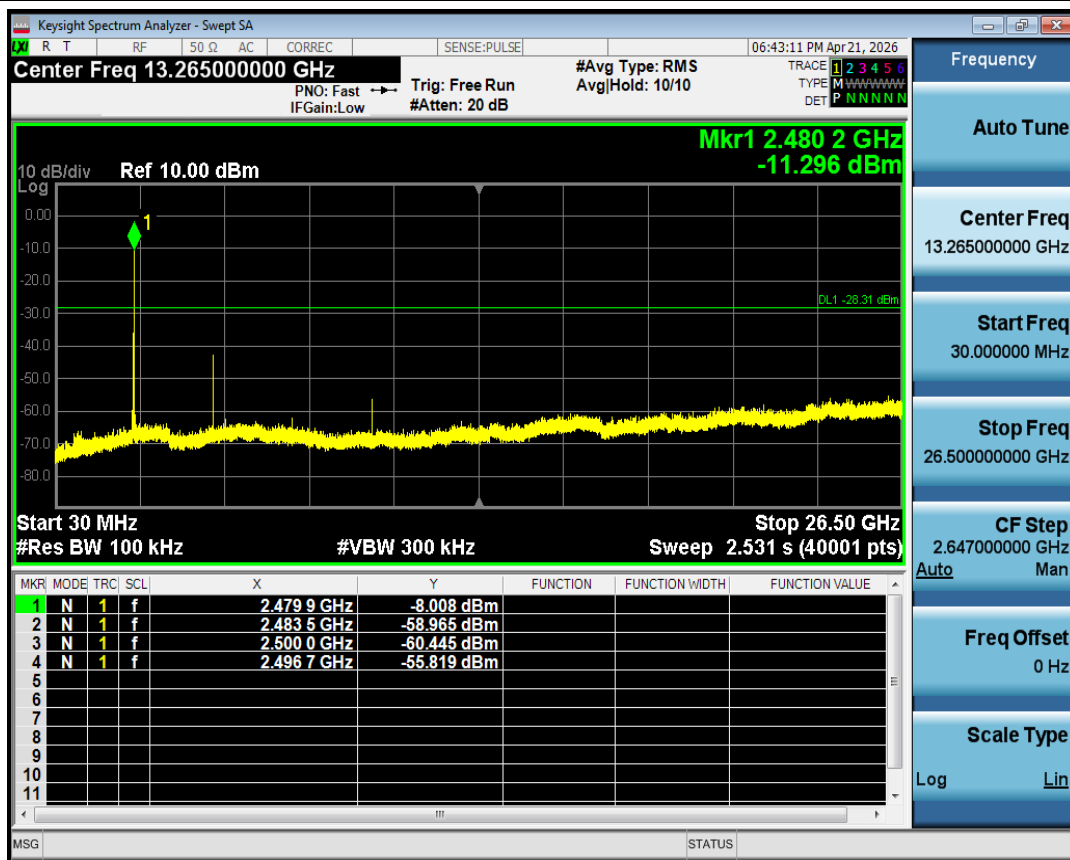
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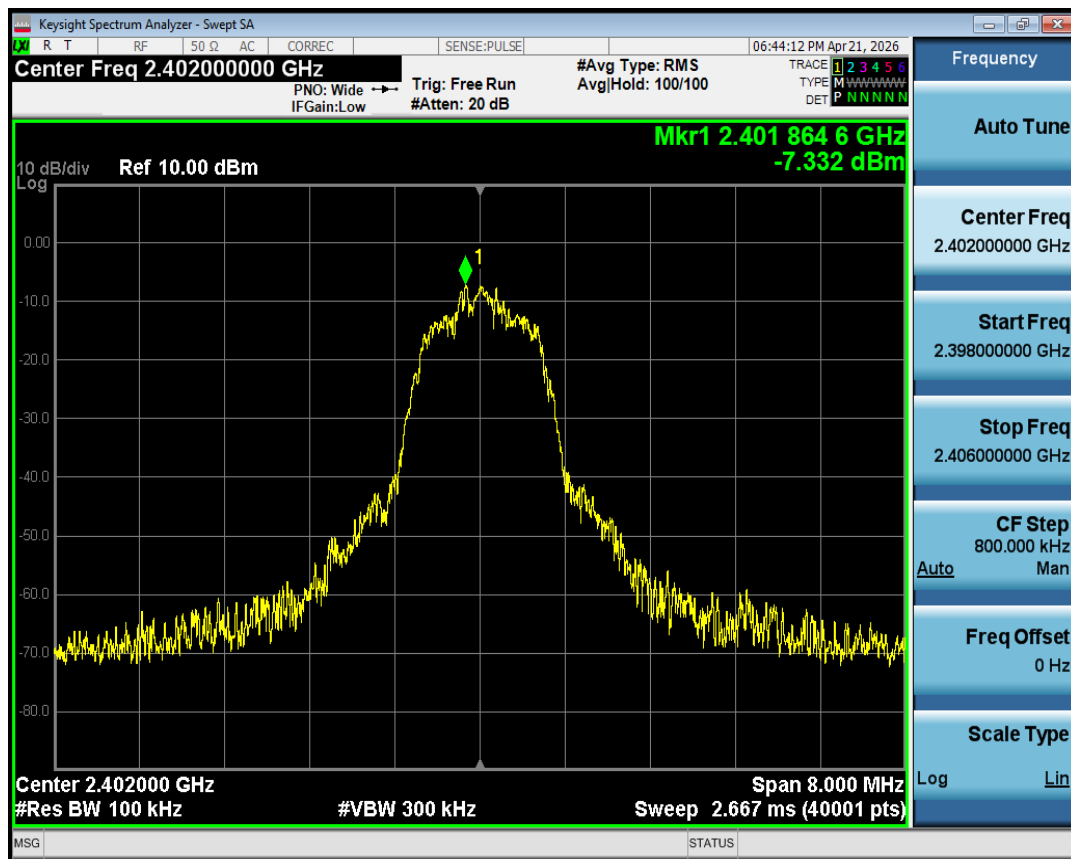
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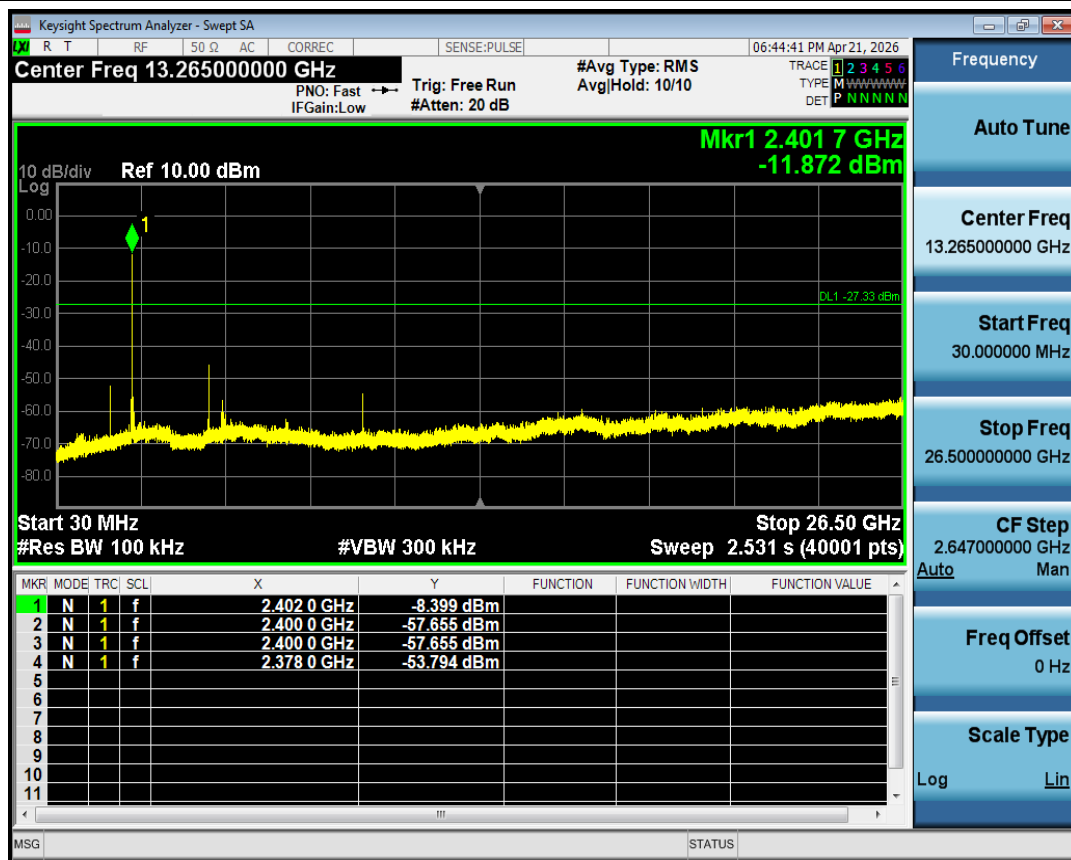
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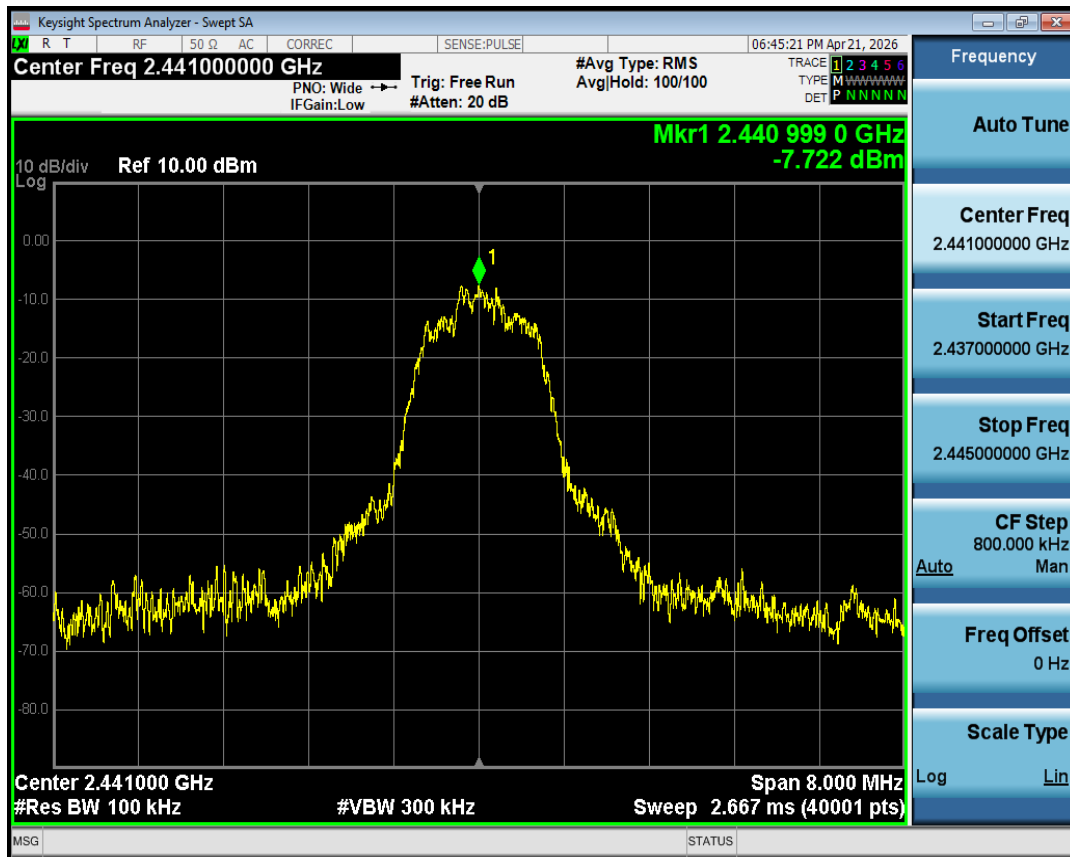
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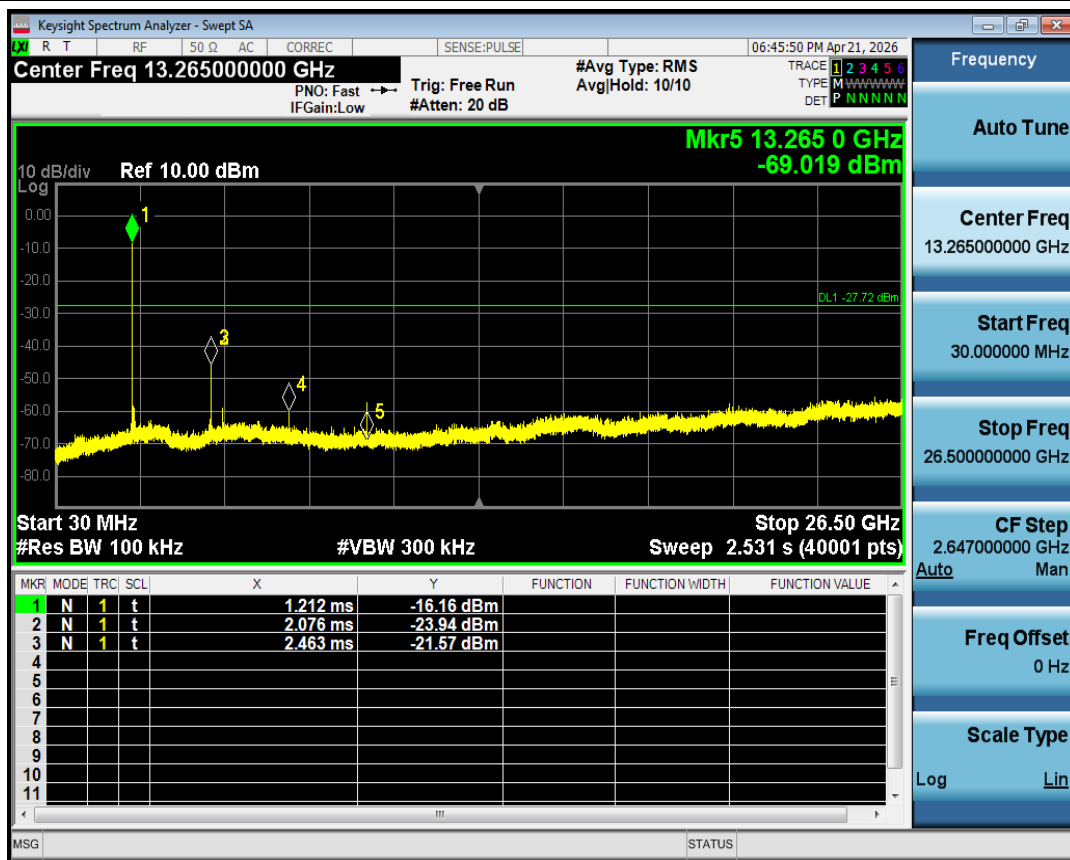
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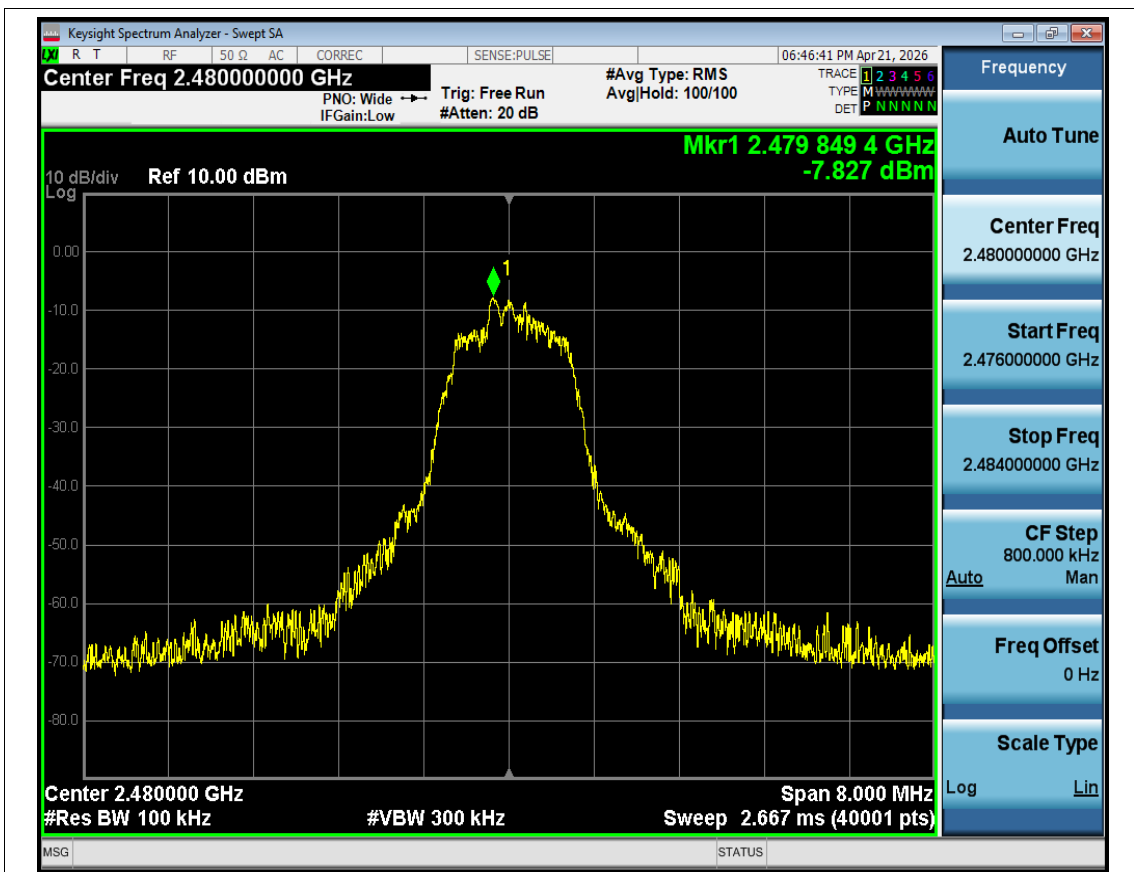
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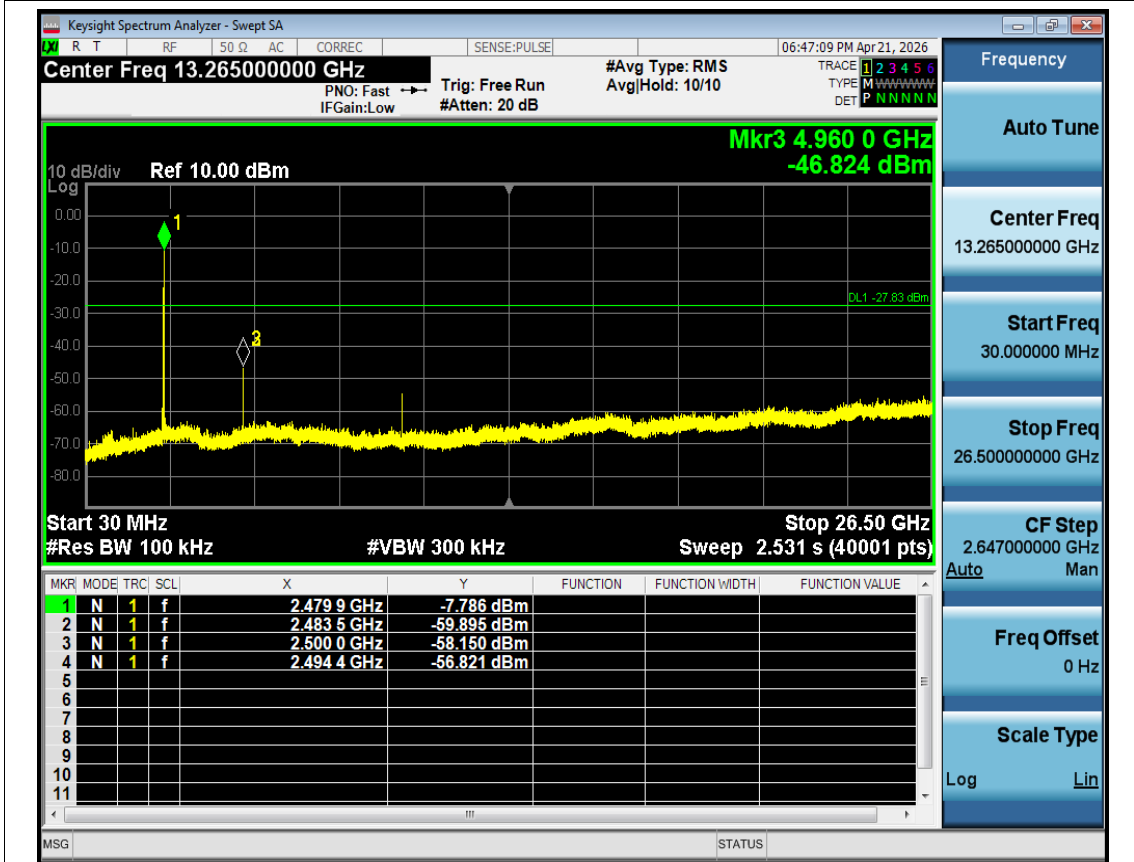
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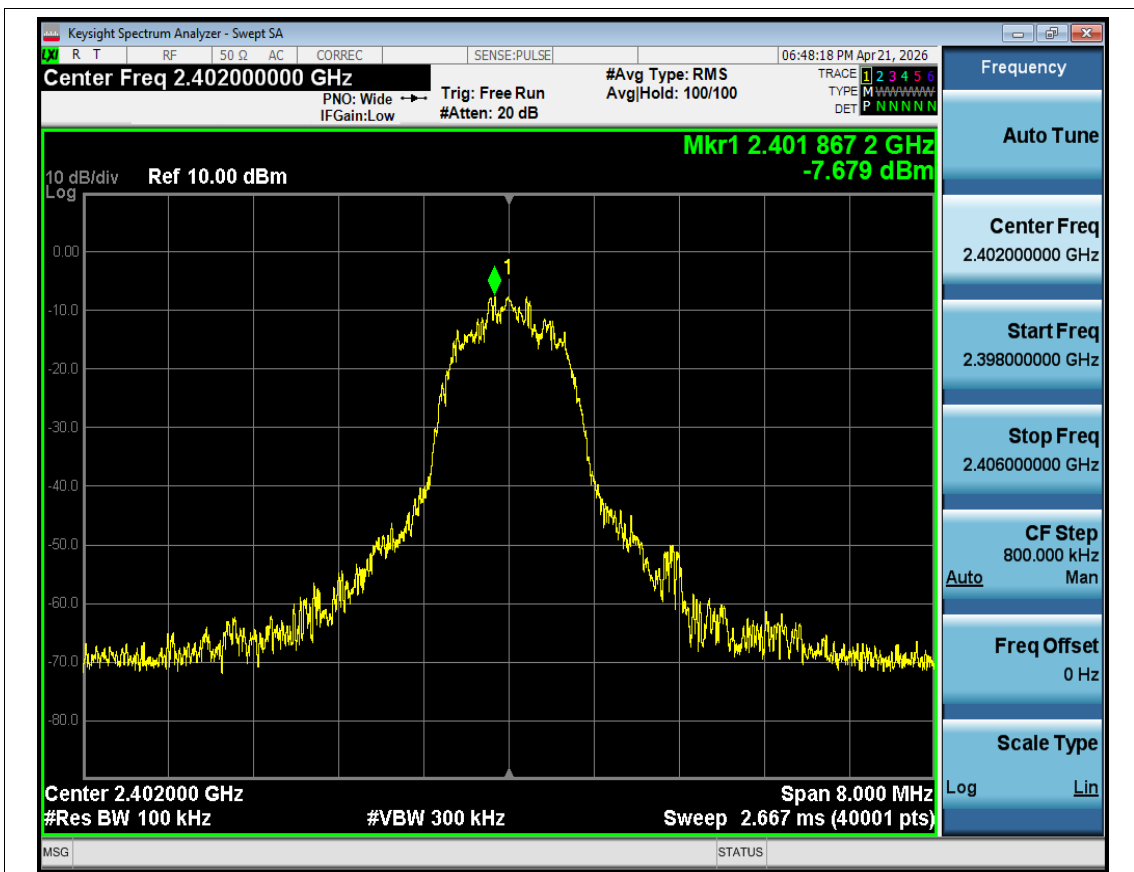
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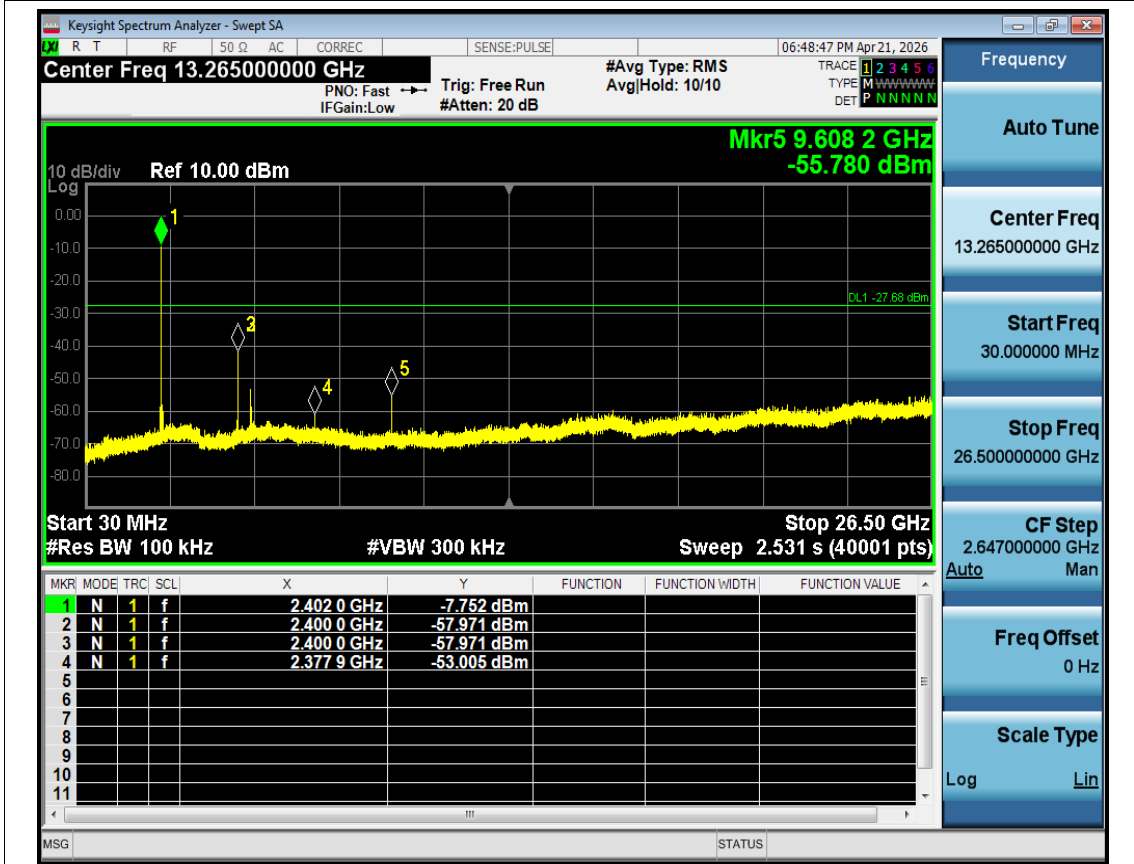
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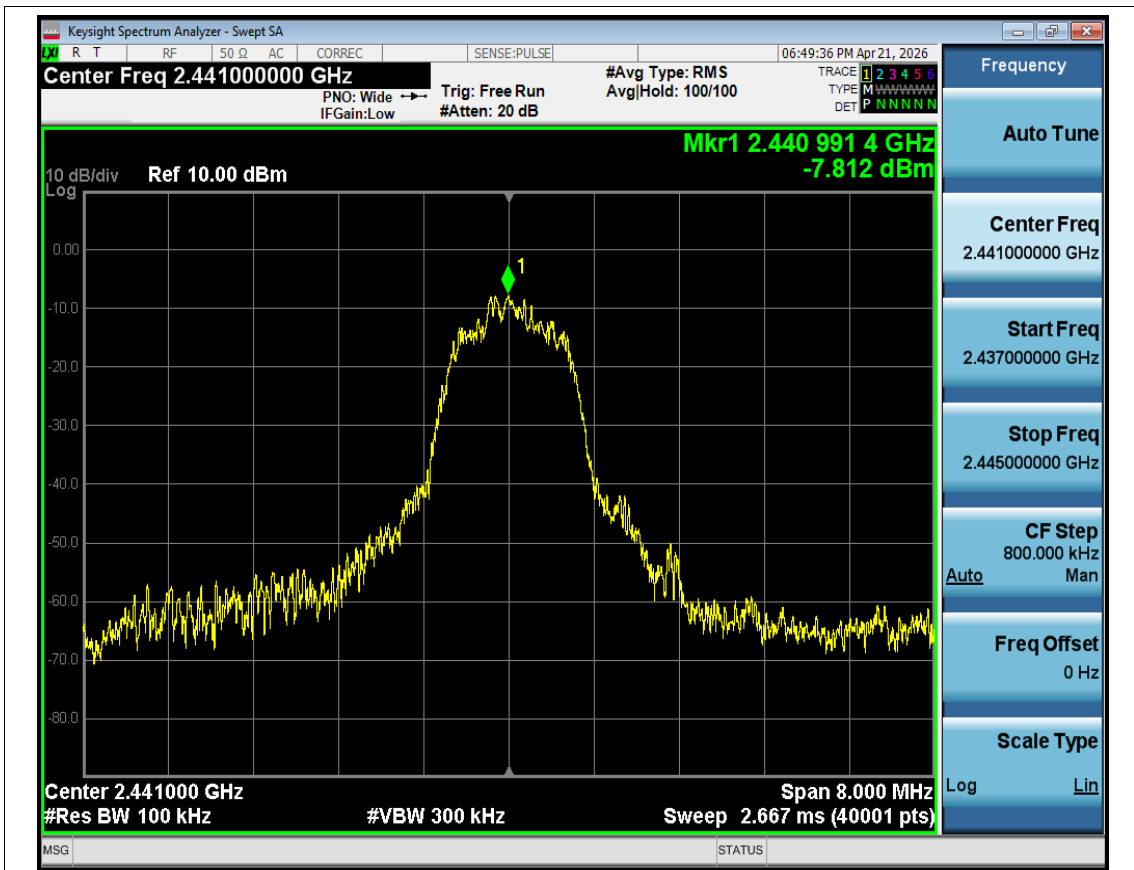
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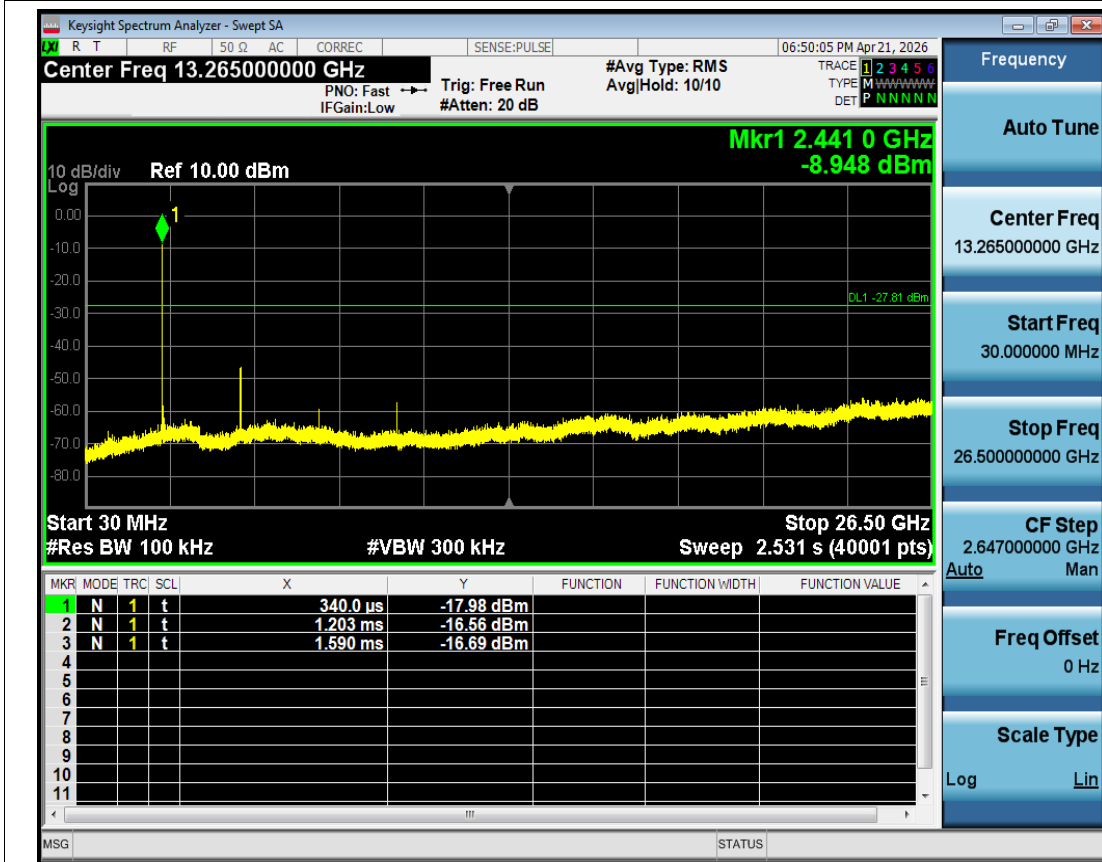
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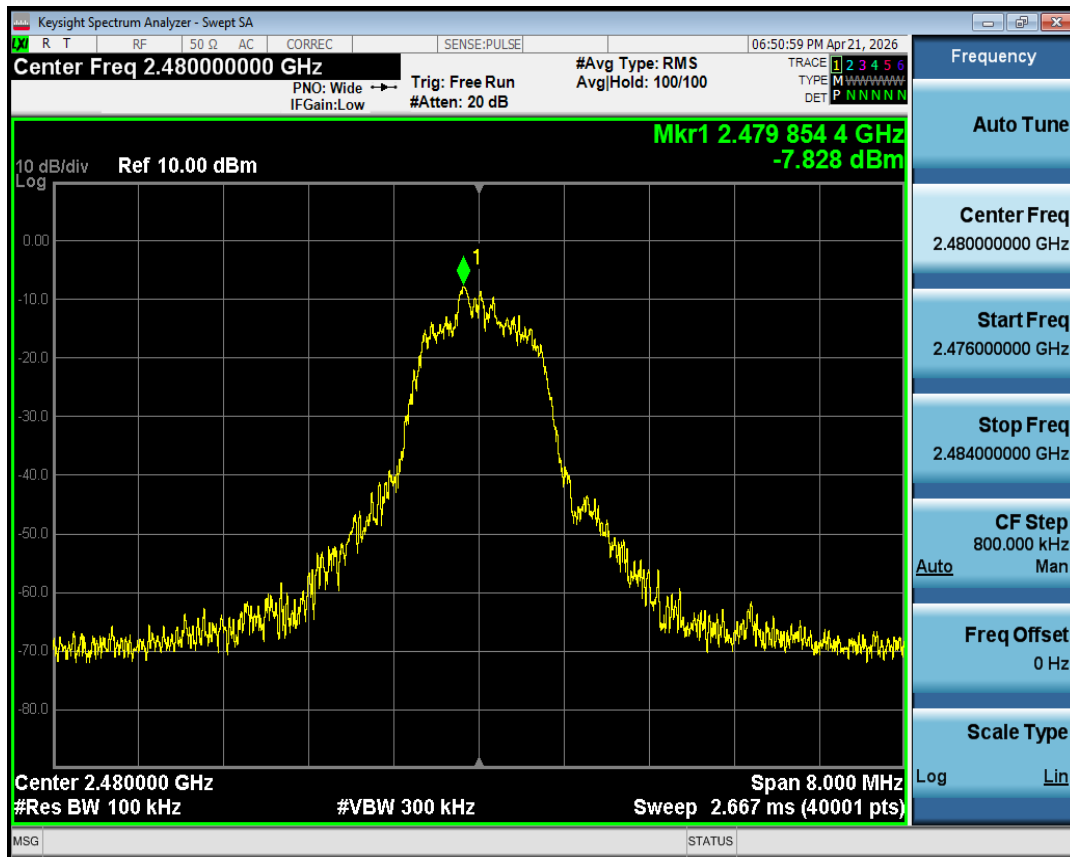
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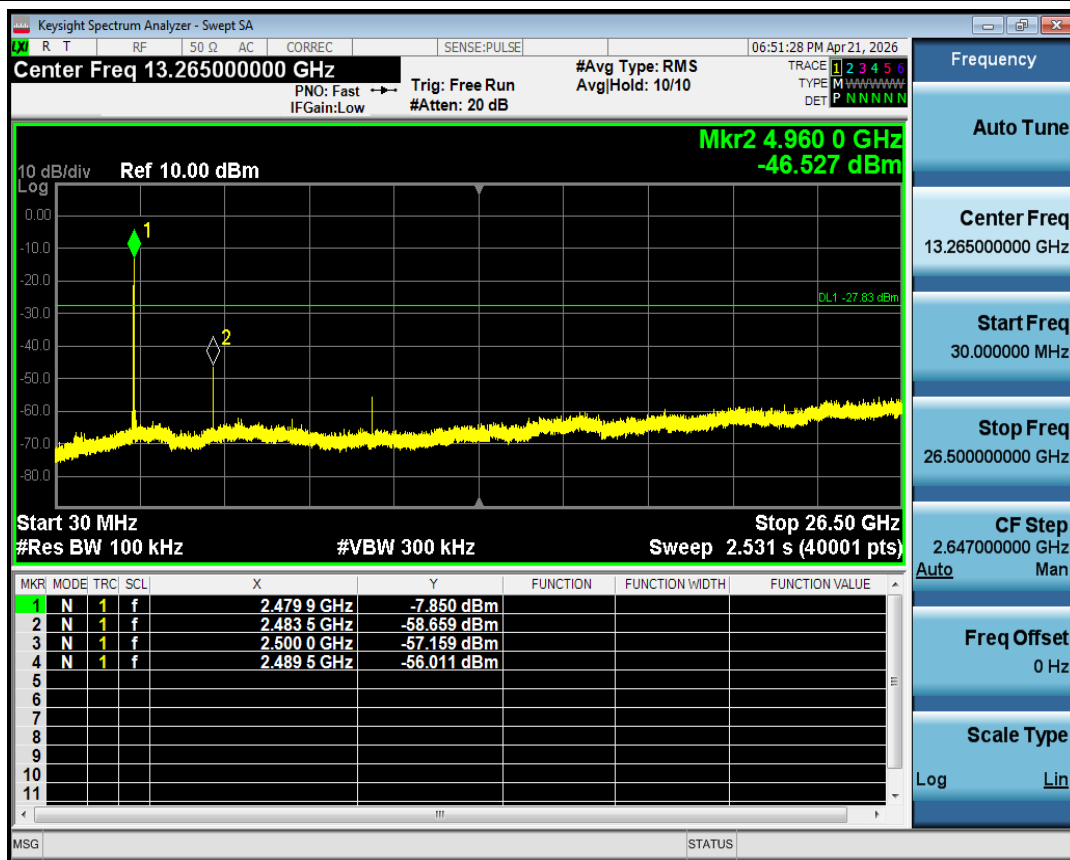
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



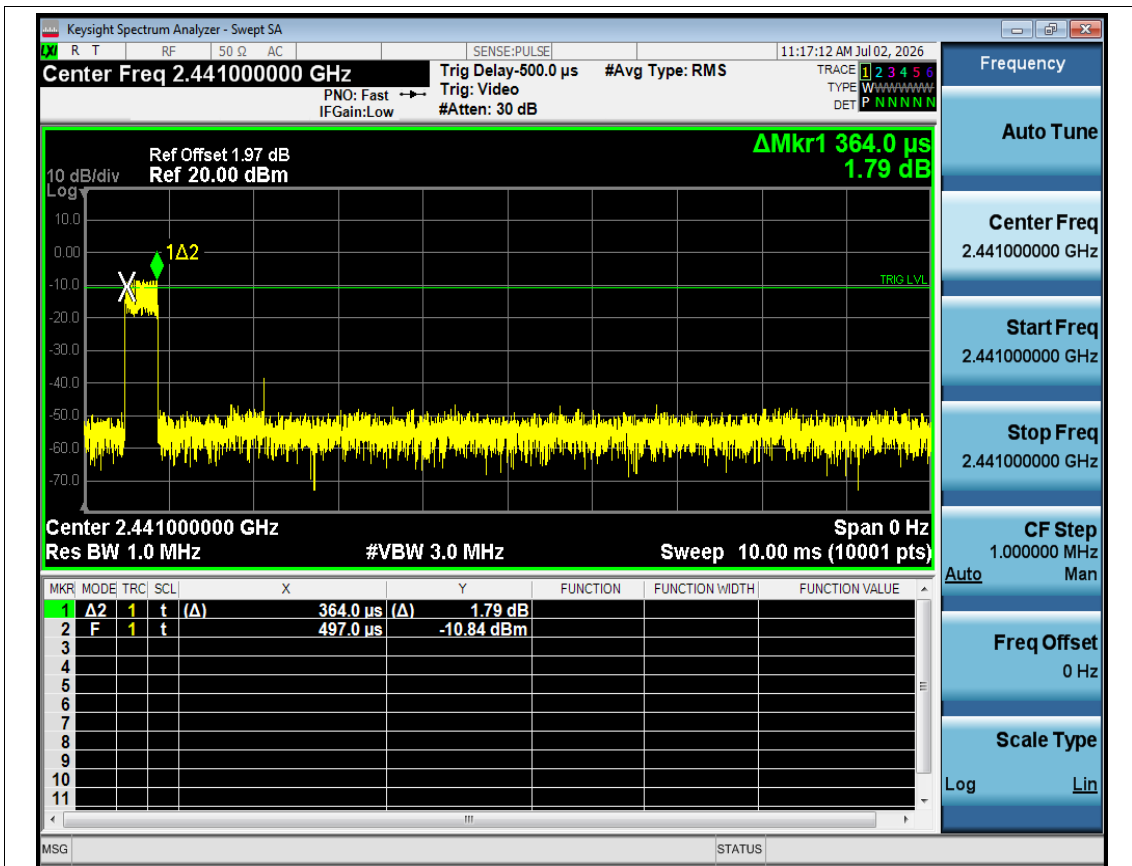
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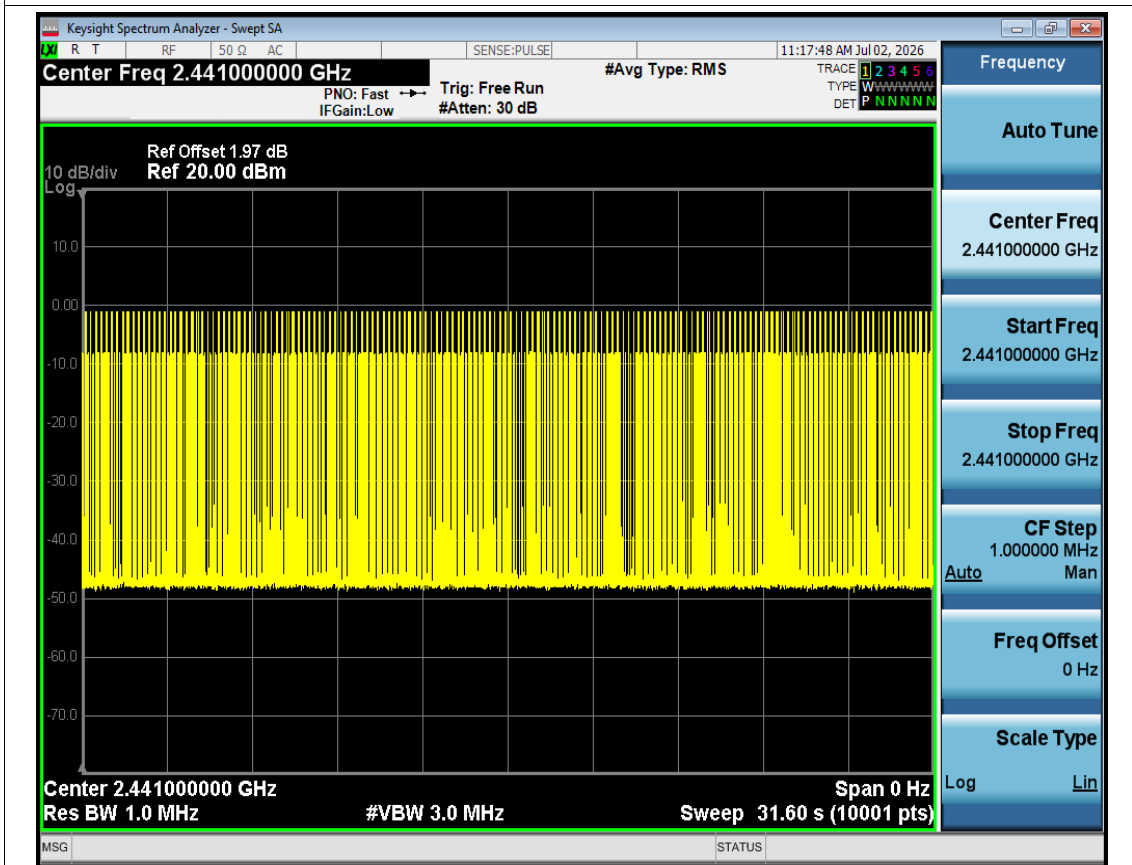
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

Dwell Time

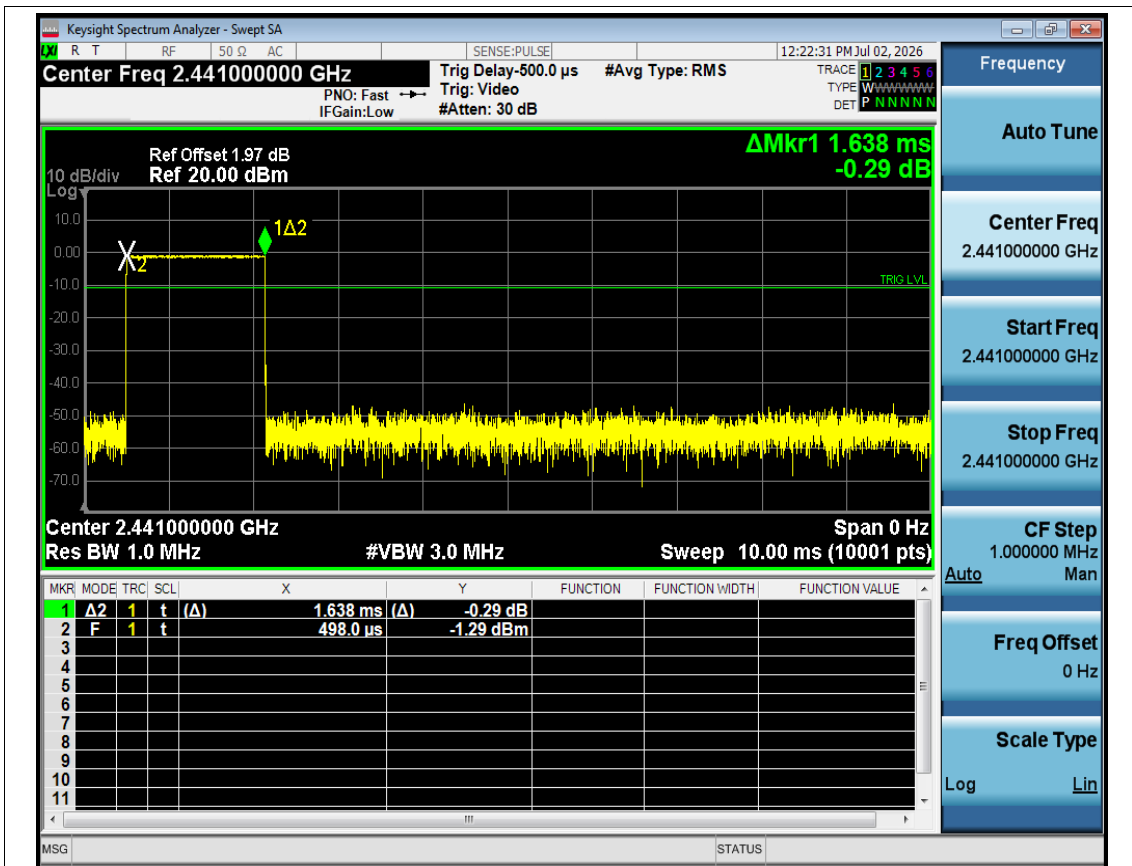
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.364	116.116	319	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.638	260.442	159	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.879	308.053	107	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.391	123.556	316	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.634	243.466	149	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.892	303.66	105	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.387	123.066	318	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.636	247.036	151	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.87	315.7	110	31600	400	Pass



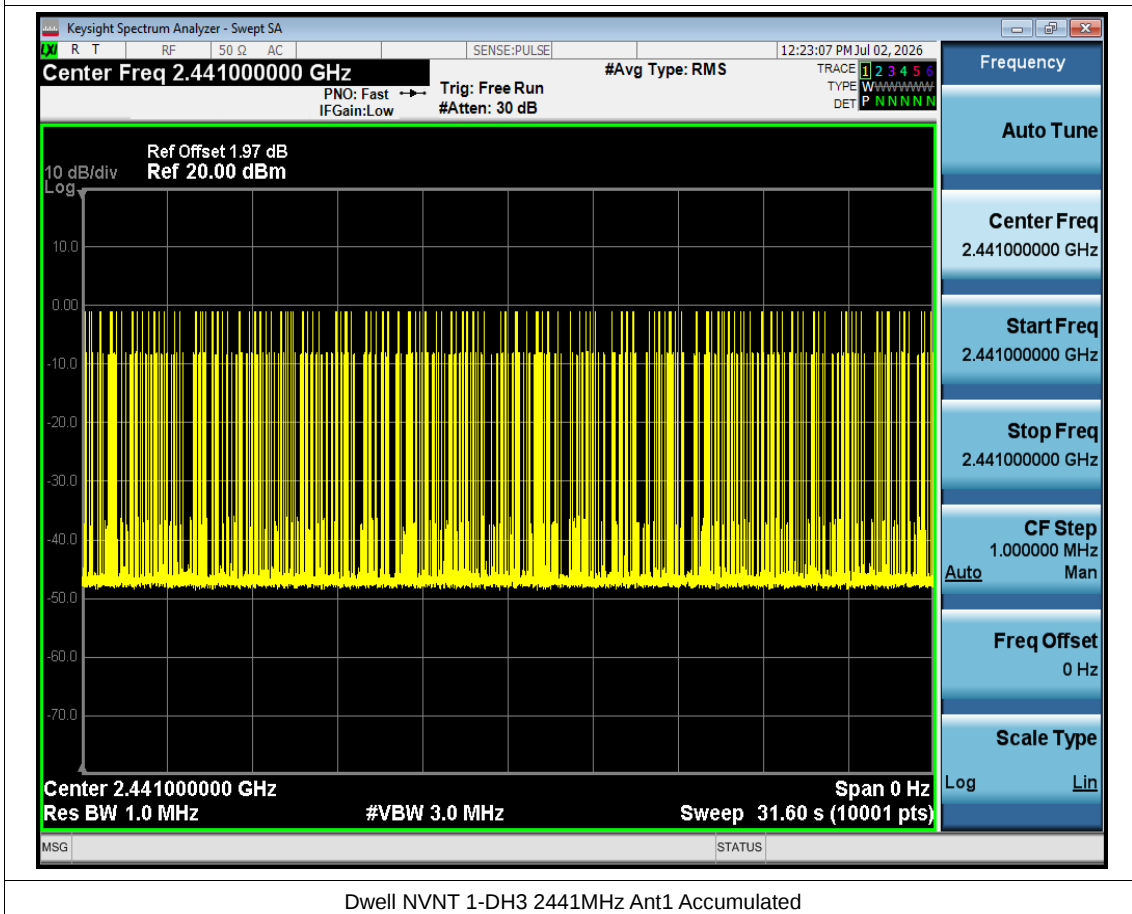
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



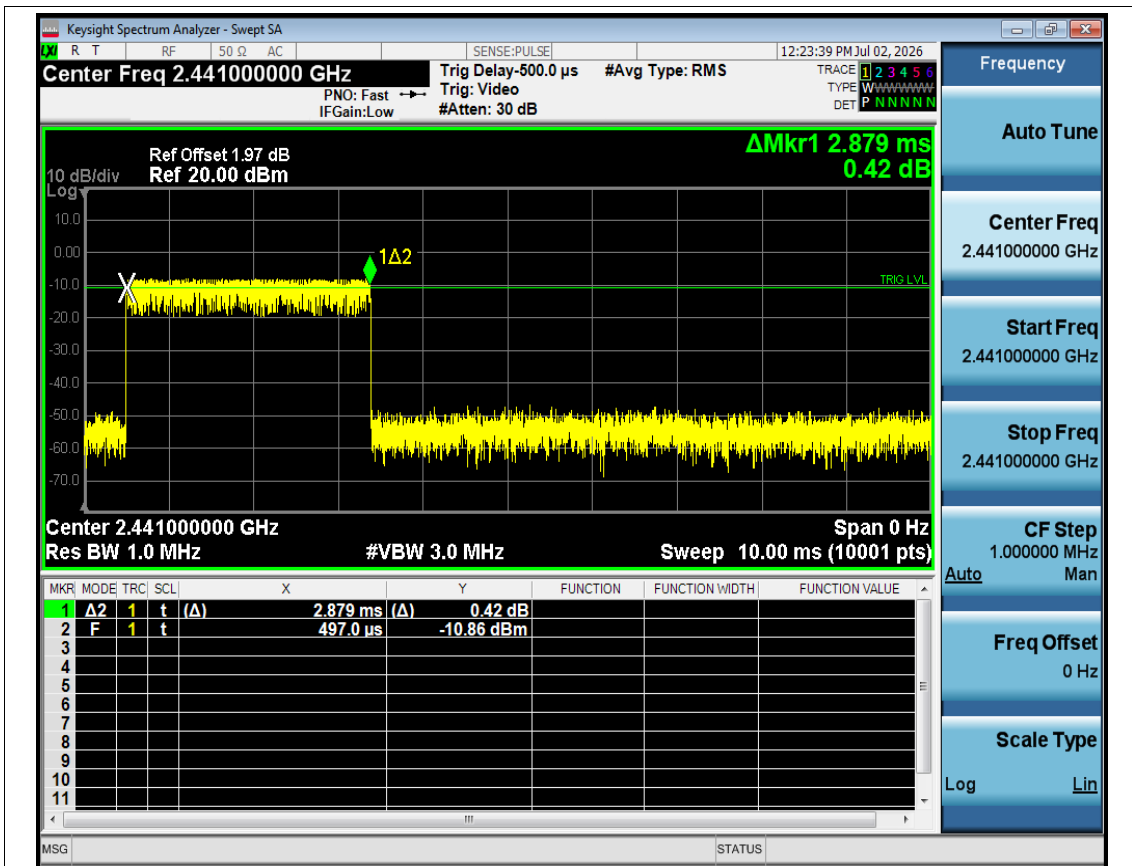
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



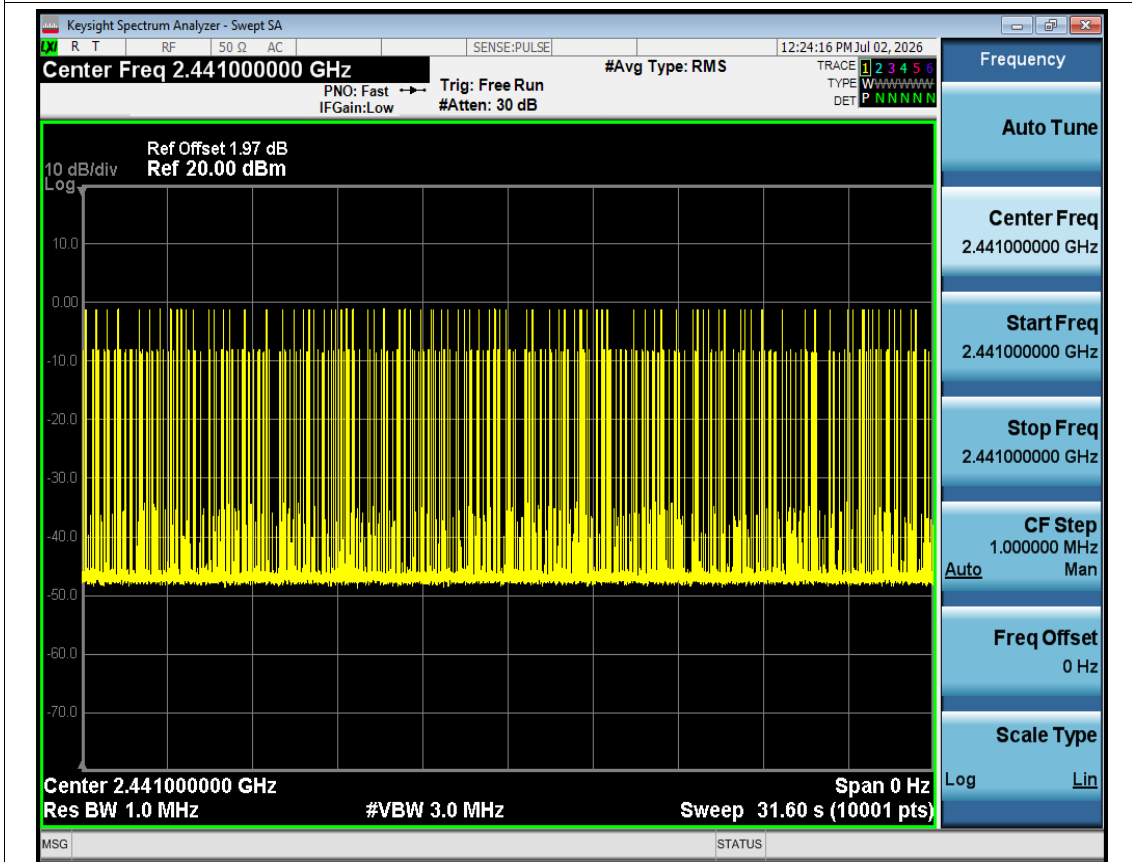
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



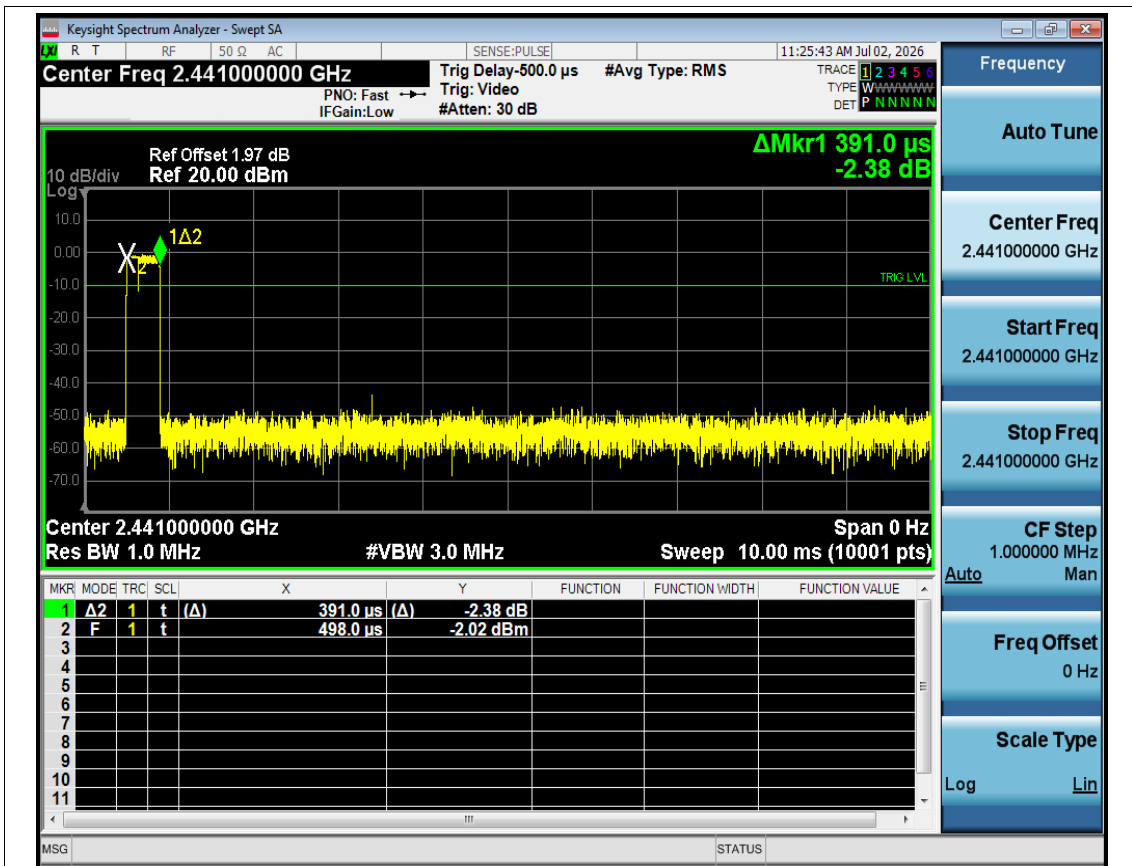
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



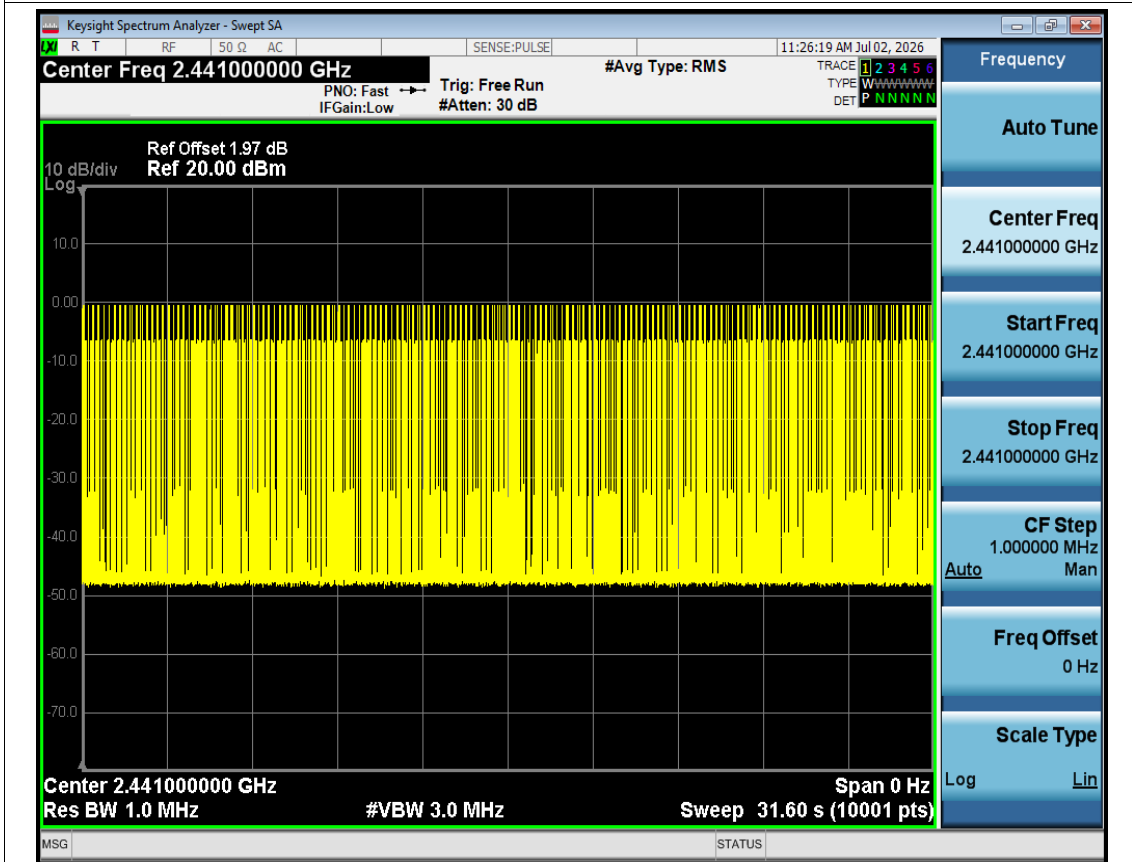
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



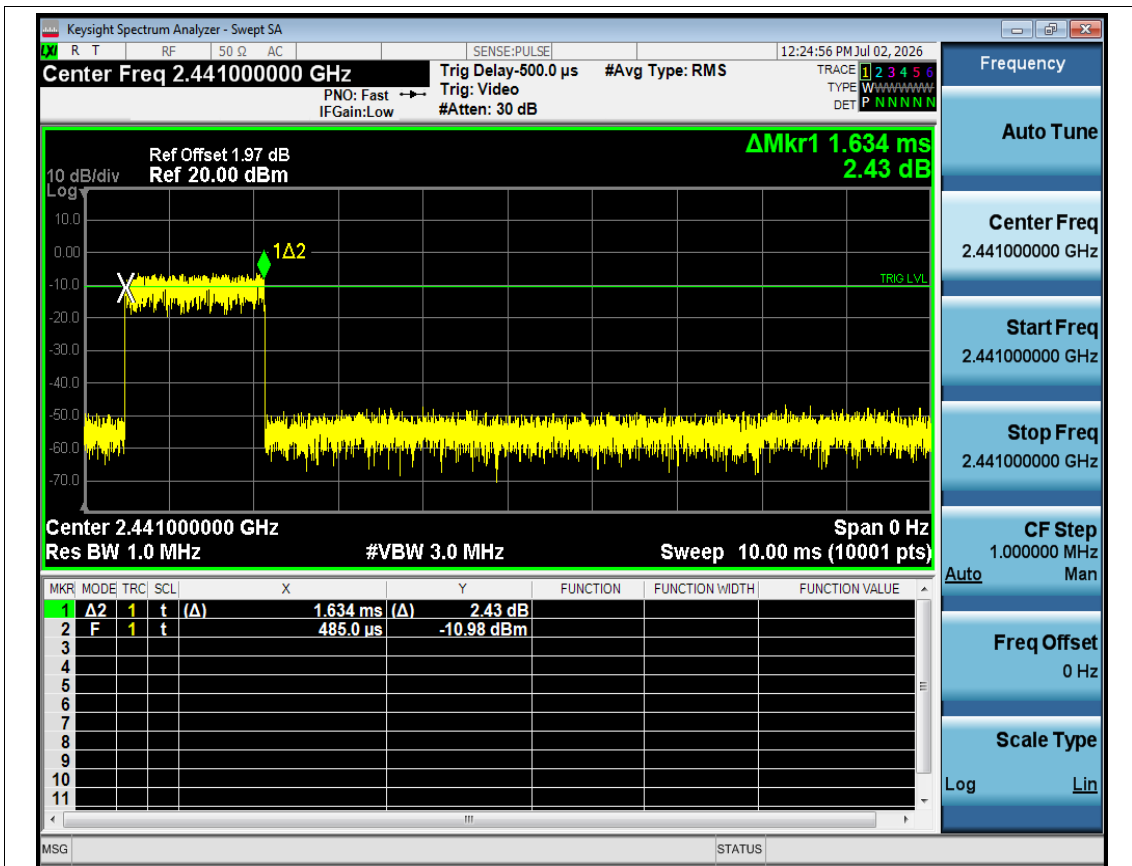
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



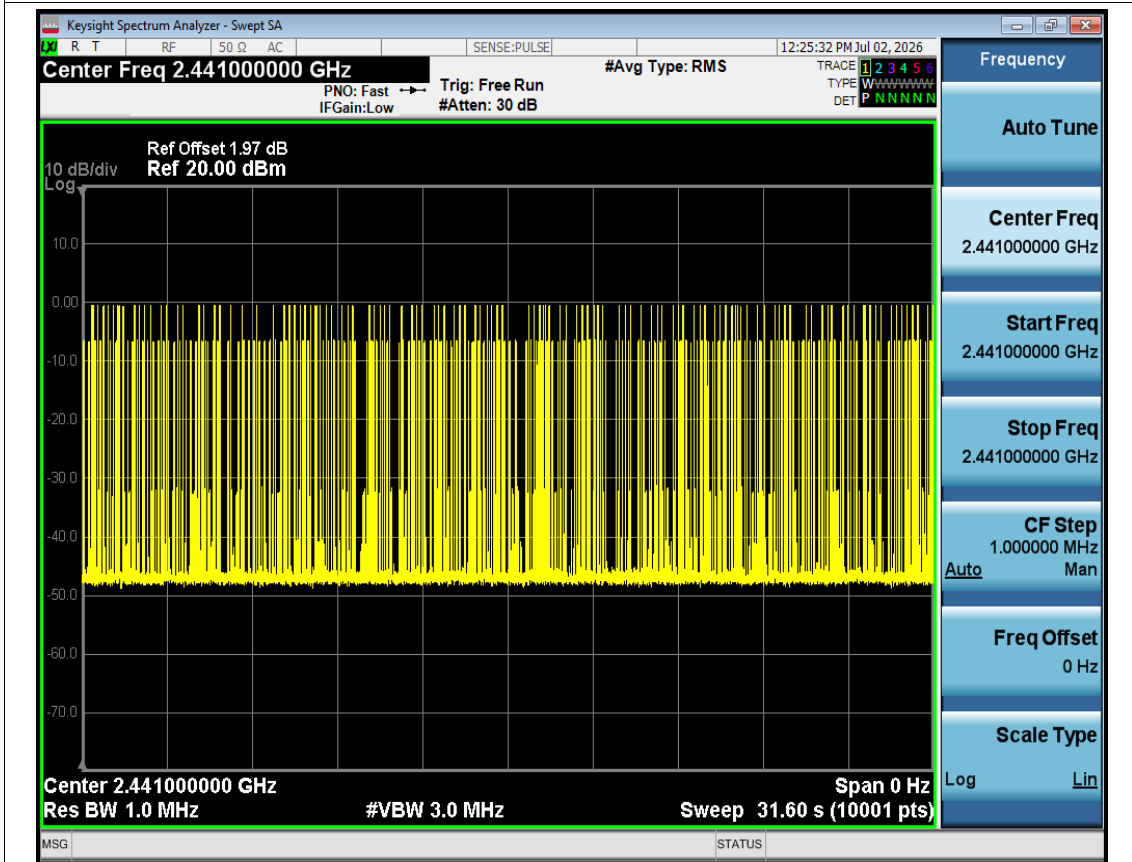
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



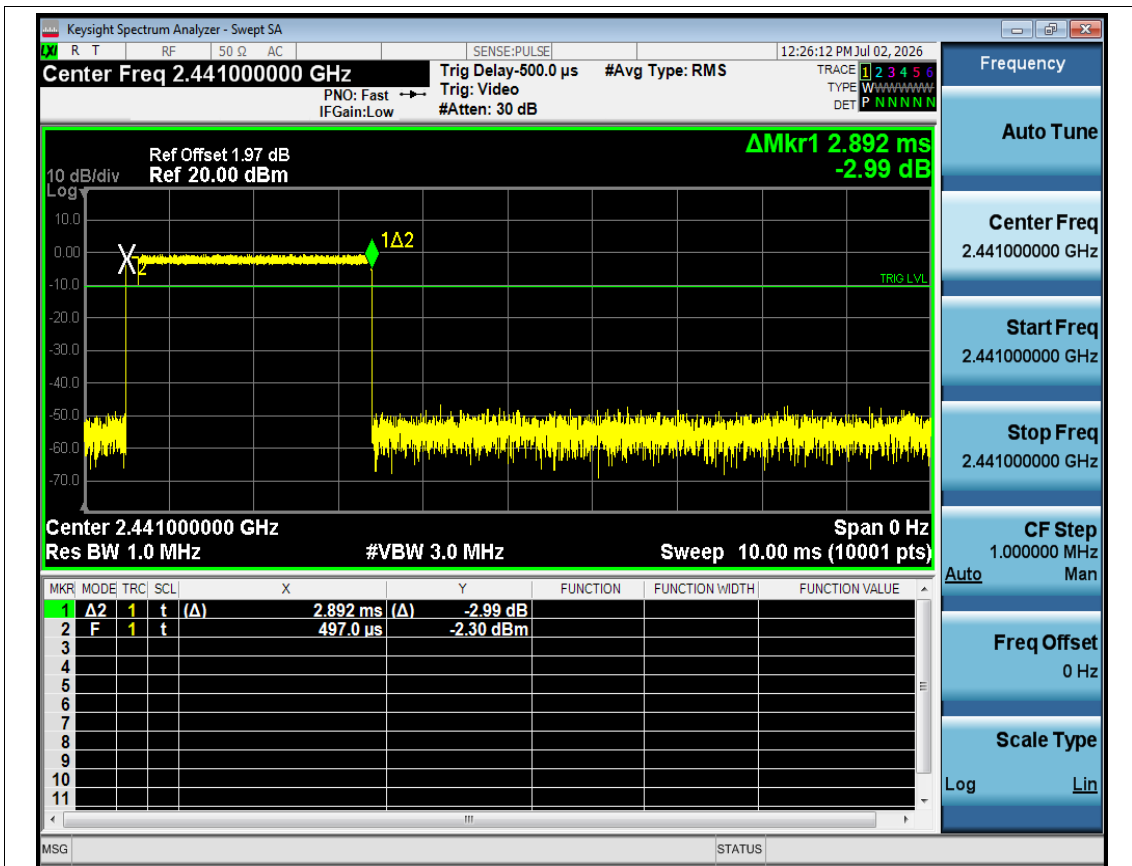
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



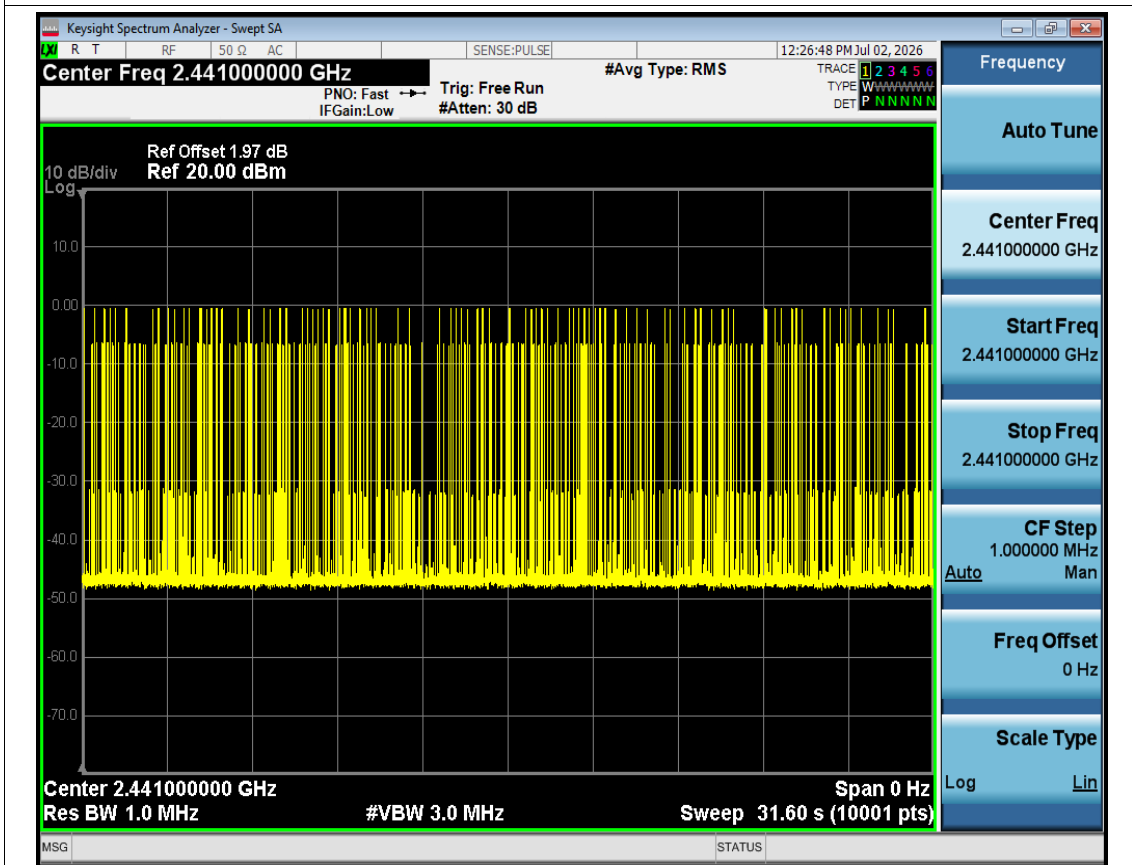
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



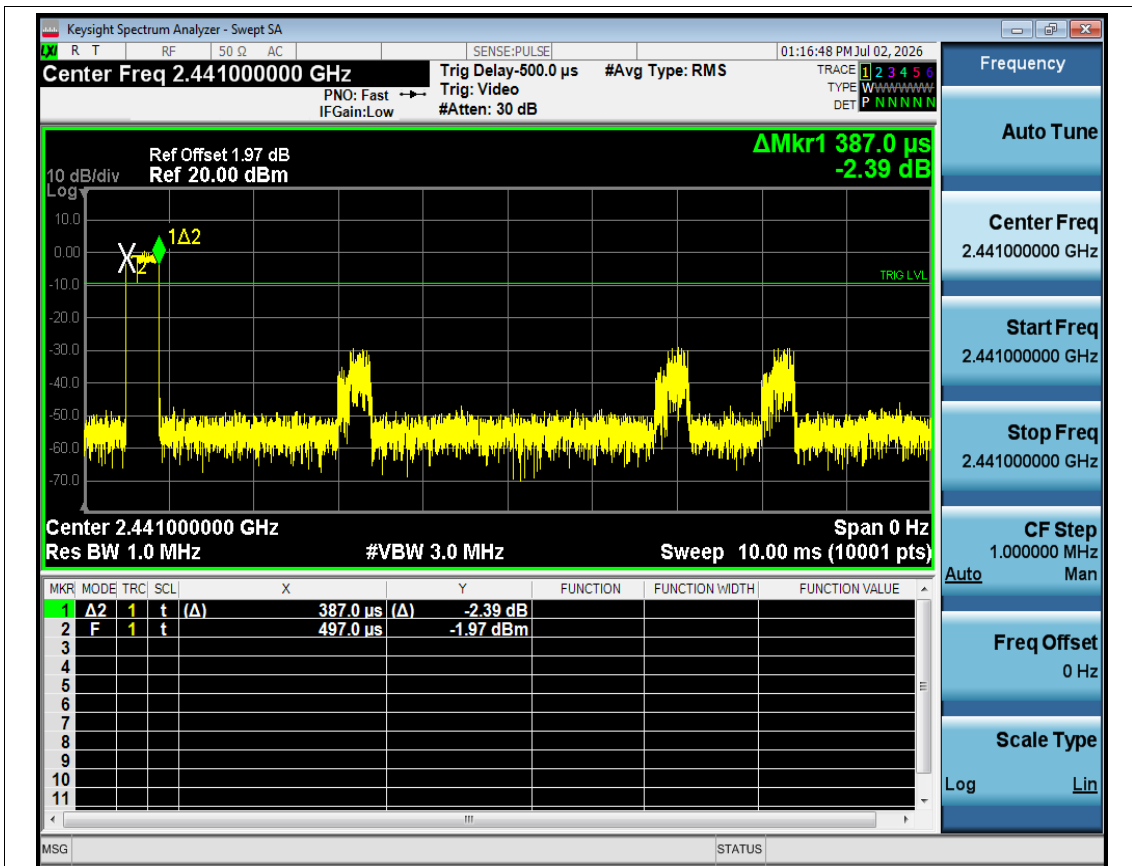
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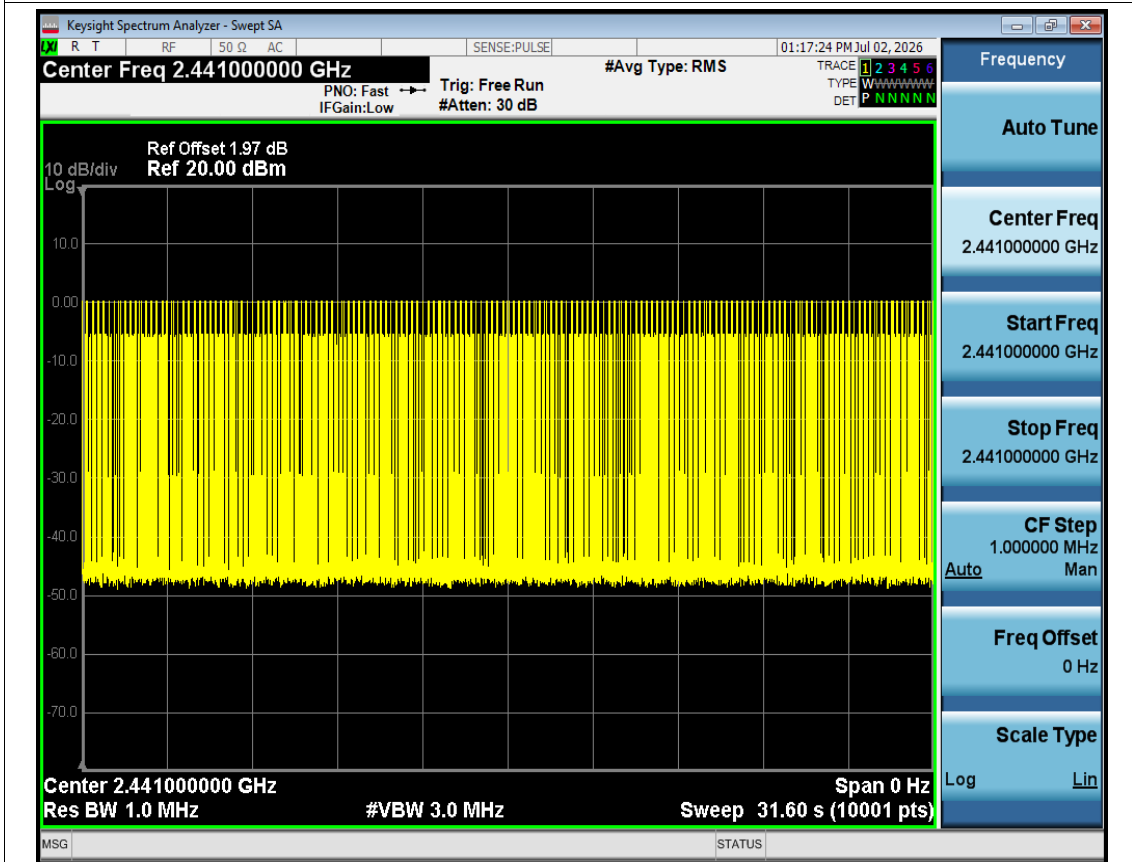
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



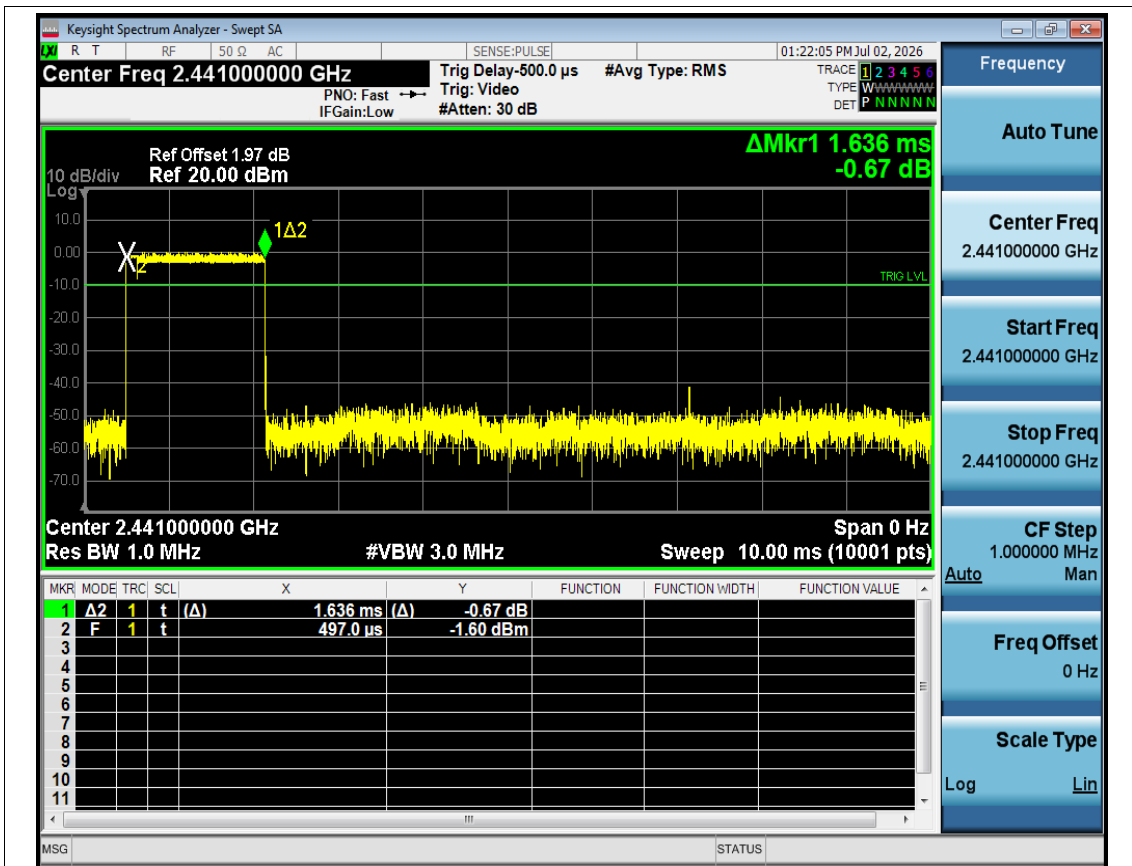
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



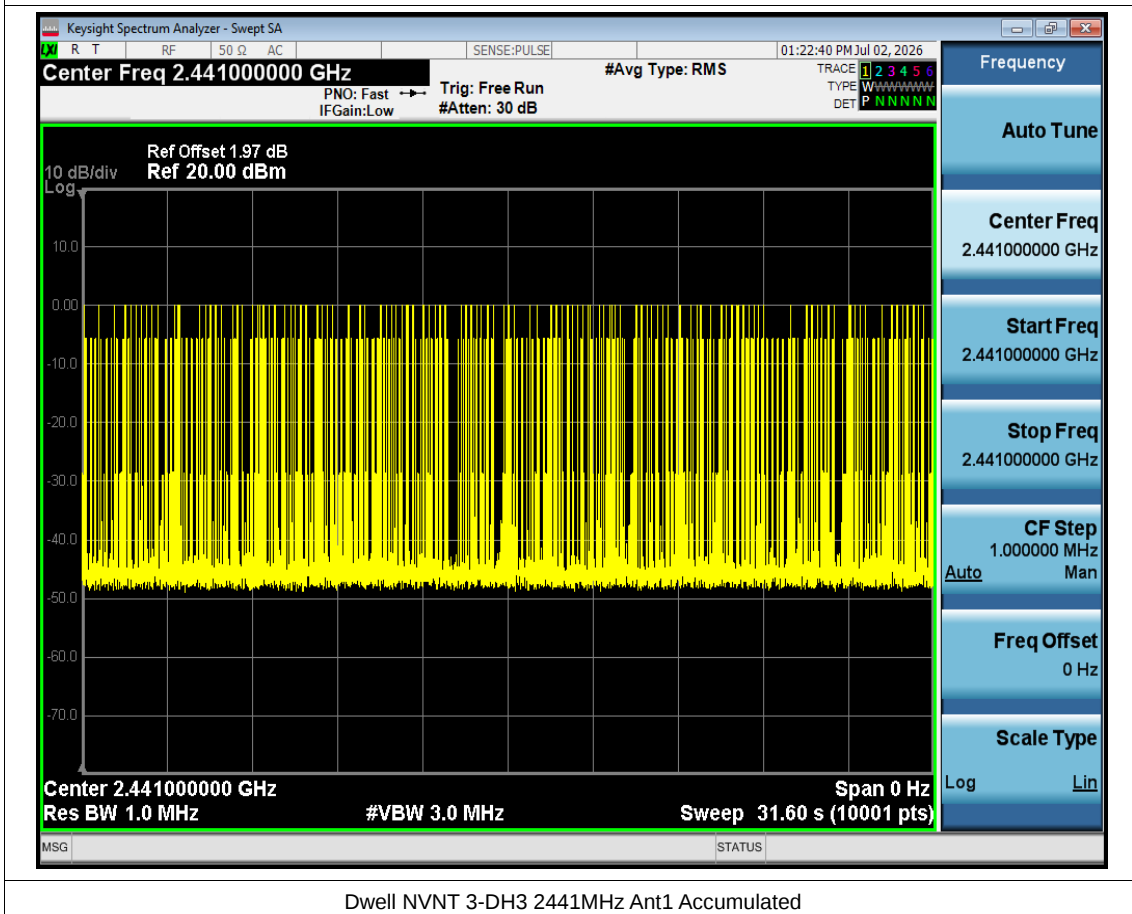
Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



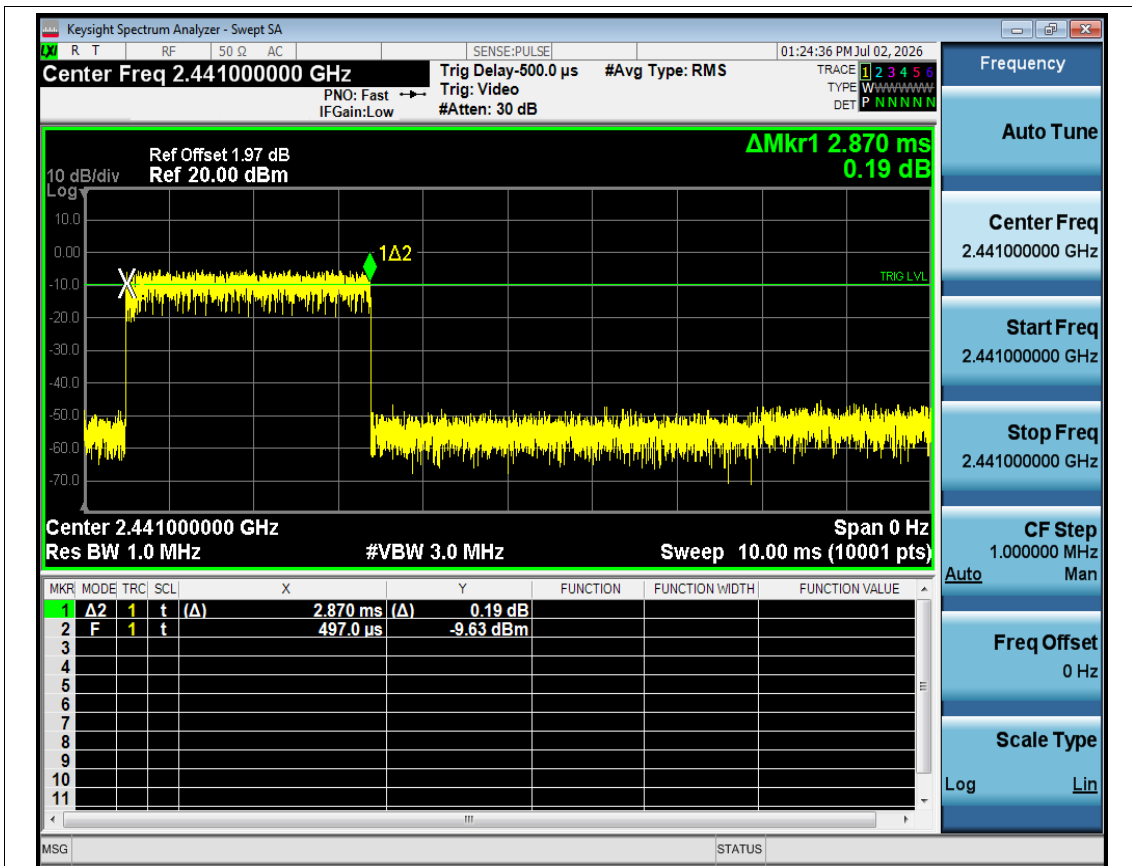
Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



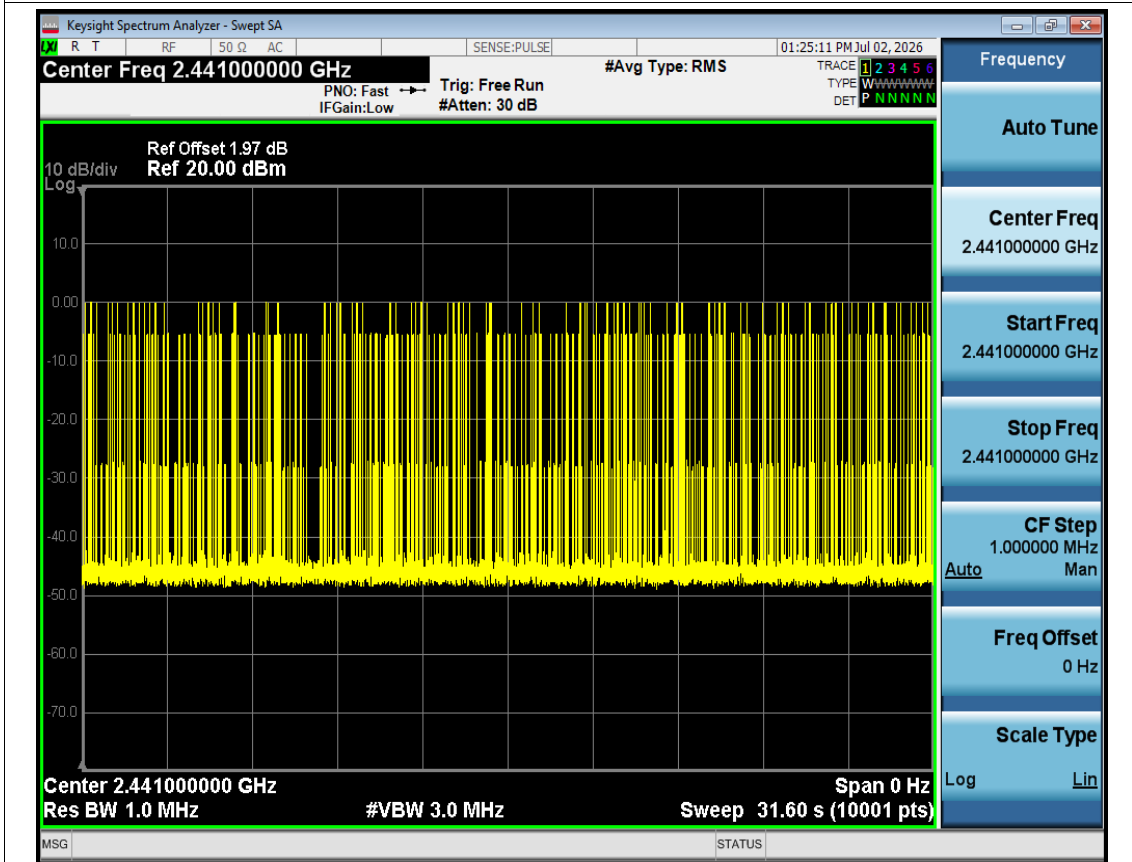
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated