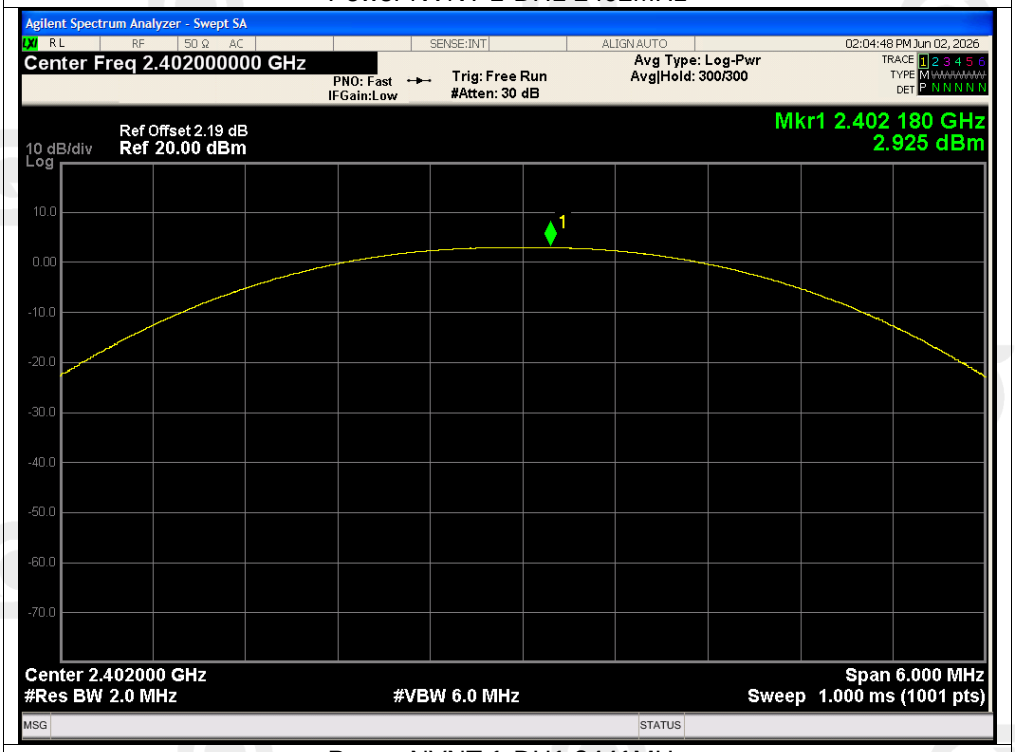
Maximum Conducted Output Power

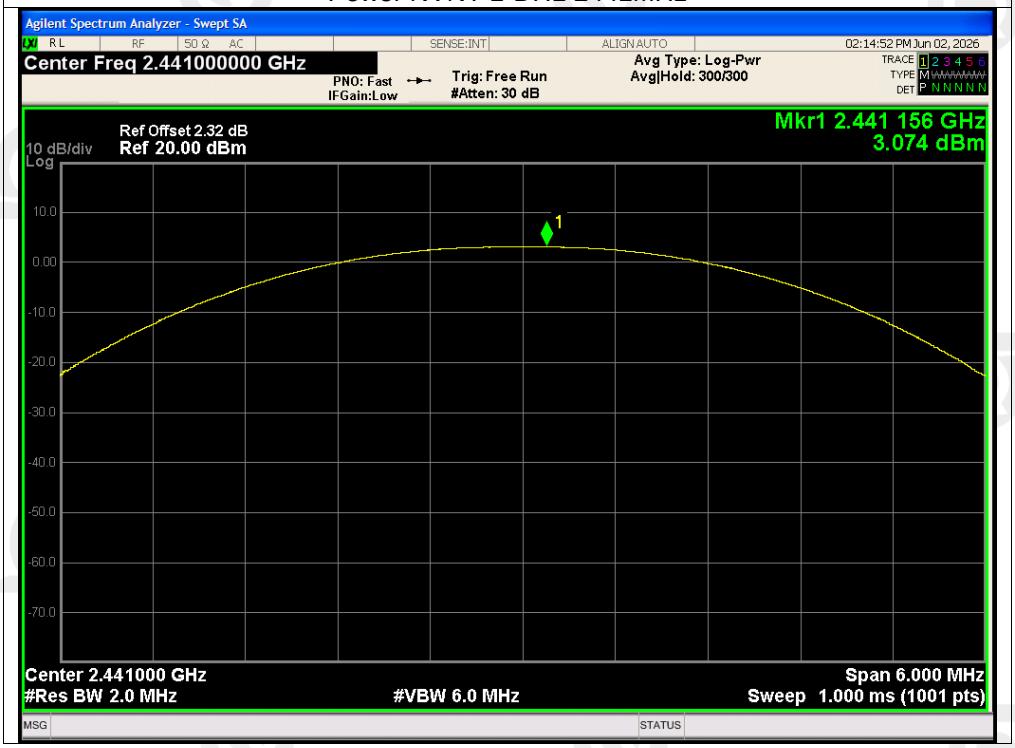
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	2.93	30	Pass
NVNT	1-DH1	2441	3.07	30	Pass
NVNT	1-DH1	2480	3.03	30	Pass
NVNT	2-DH1	2402	2.91	21	Pass
NVNT	2-DH1	2441	3.09	21	Pass
NVNT	2-DH1	2480	3.04	21	Pass
NVNT	3-DH1	2402	3.00	21	Pass
NVNT	3-DH1	2441	3.15	21	Pass
NVNT	3-DH1	2480	3.02	21	Pass

Test Graphs

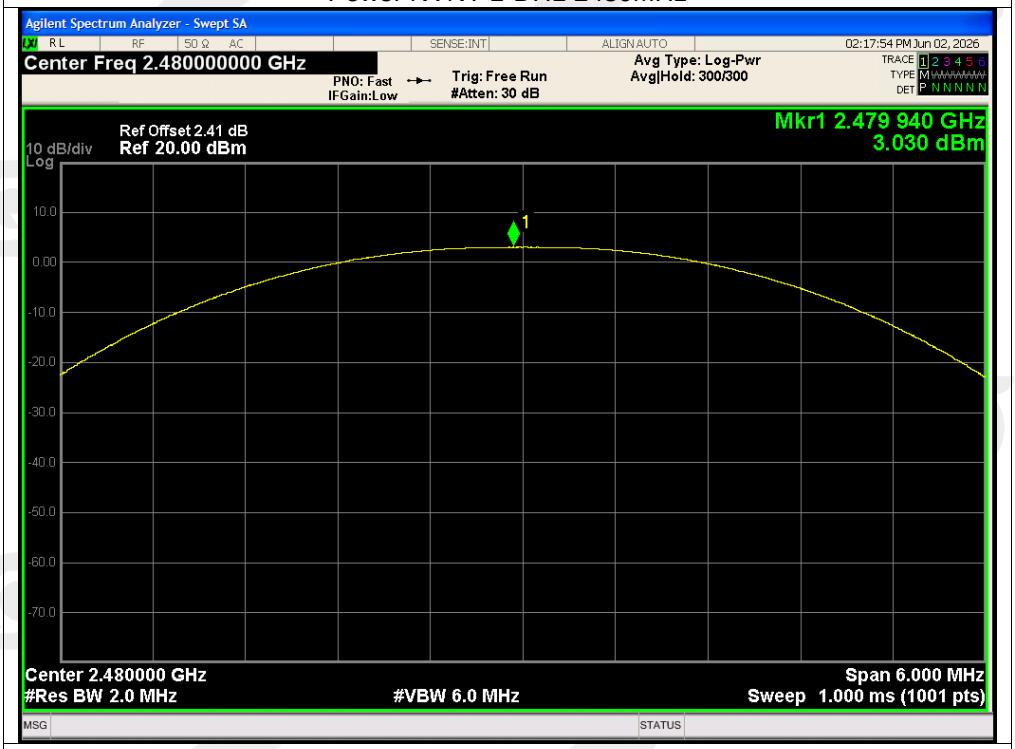
Power NVNT 1-DH1 2402MHz



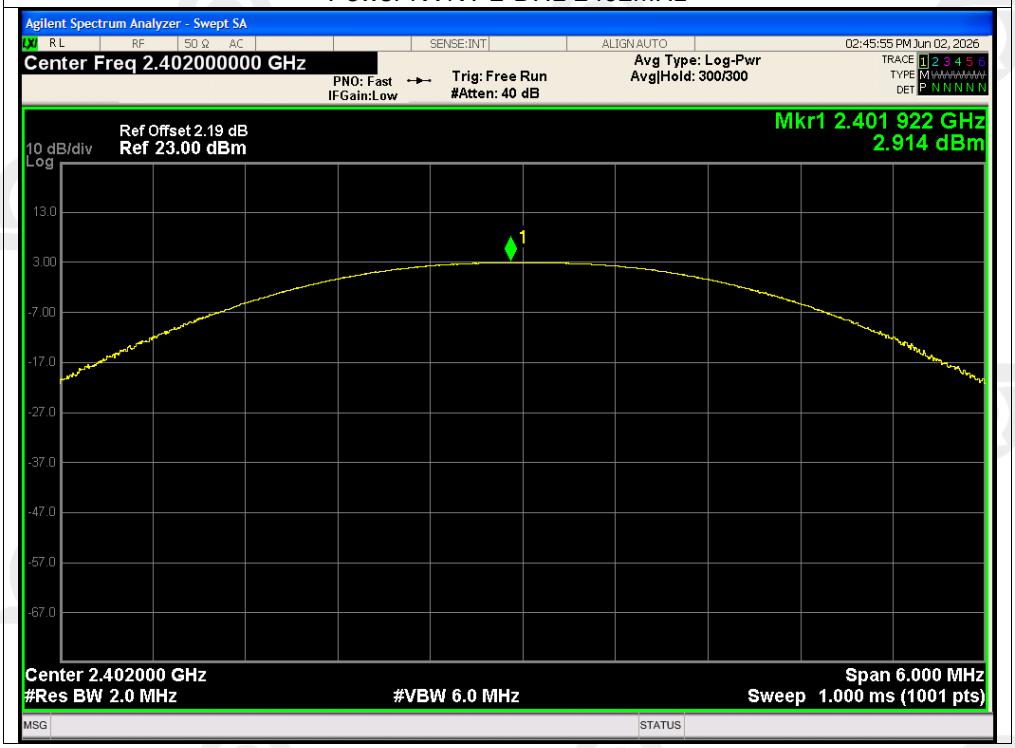
Power NVNT 1-DH1 2441MHz



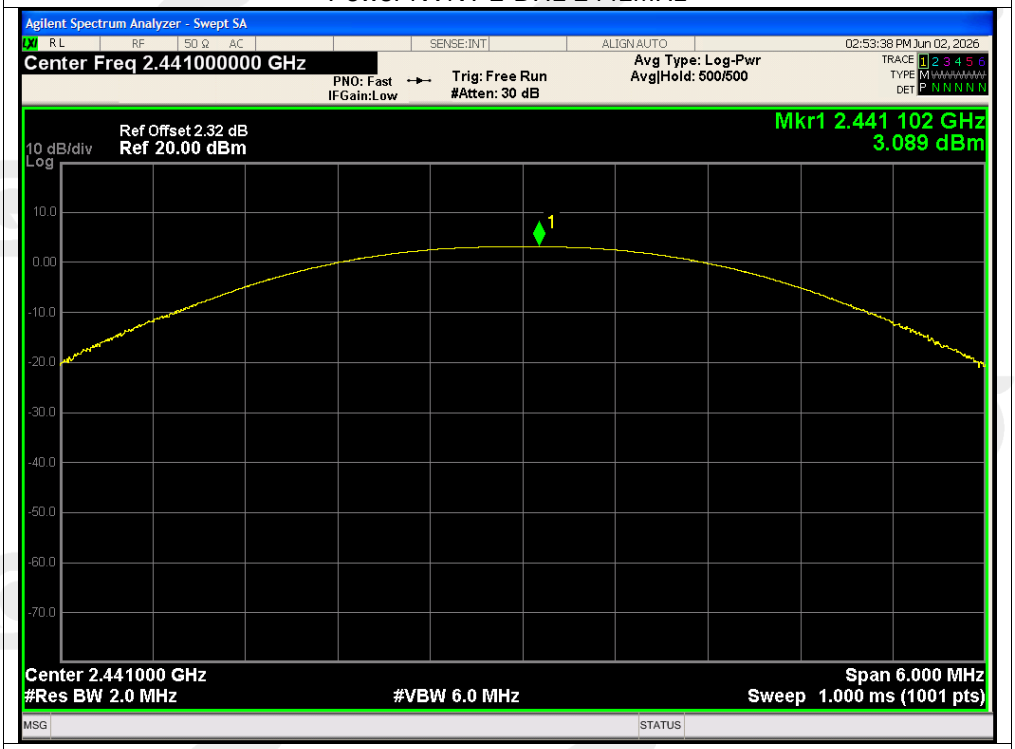
Power NVNT 1-DH1 2480MHz



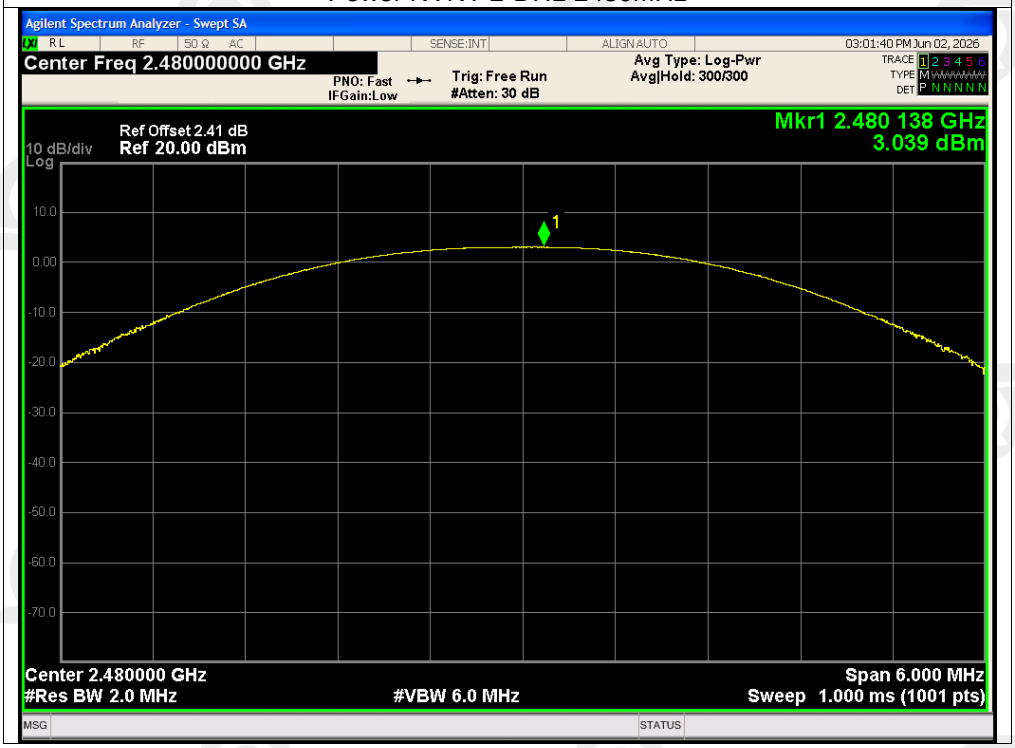
Power NVNT 2-DH1 2402MHz



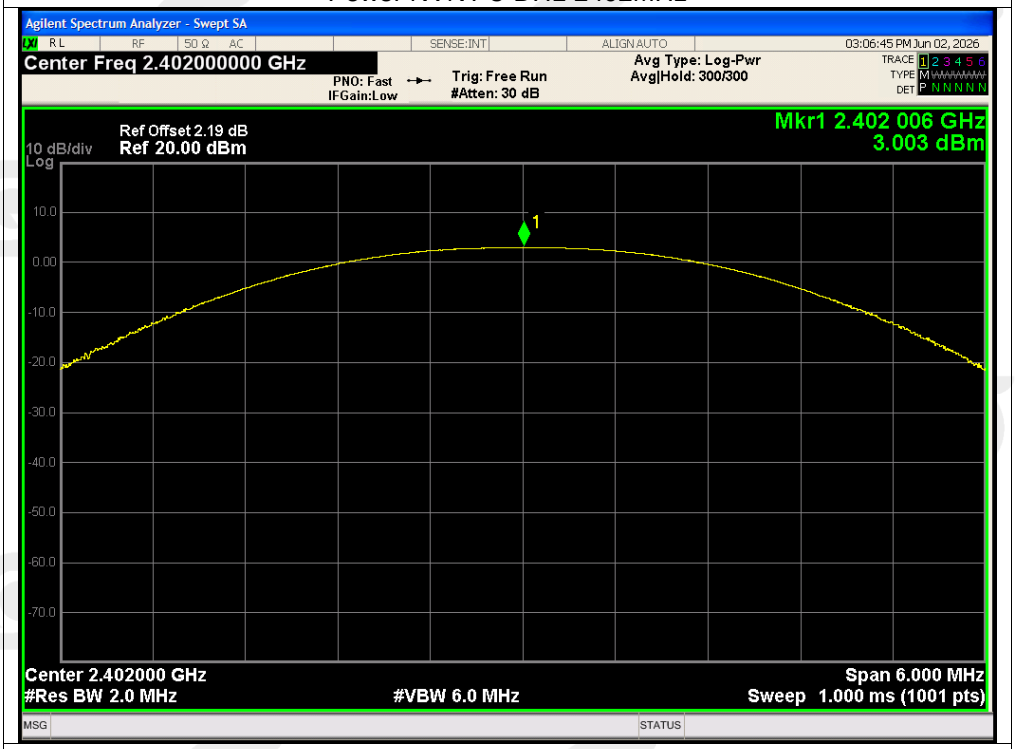
Power NVNT 2-DH1 2441MHz



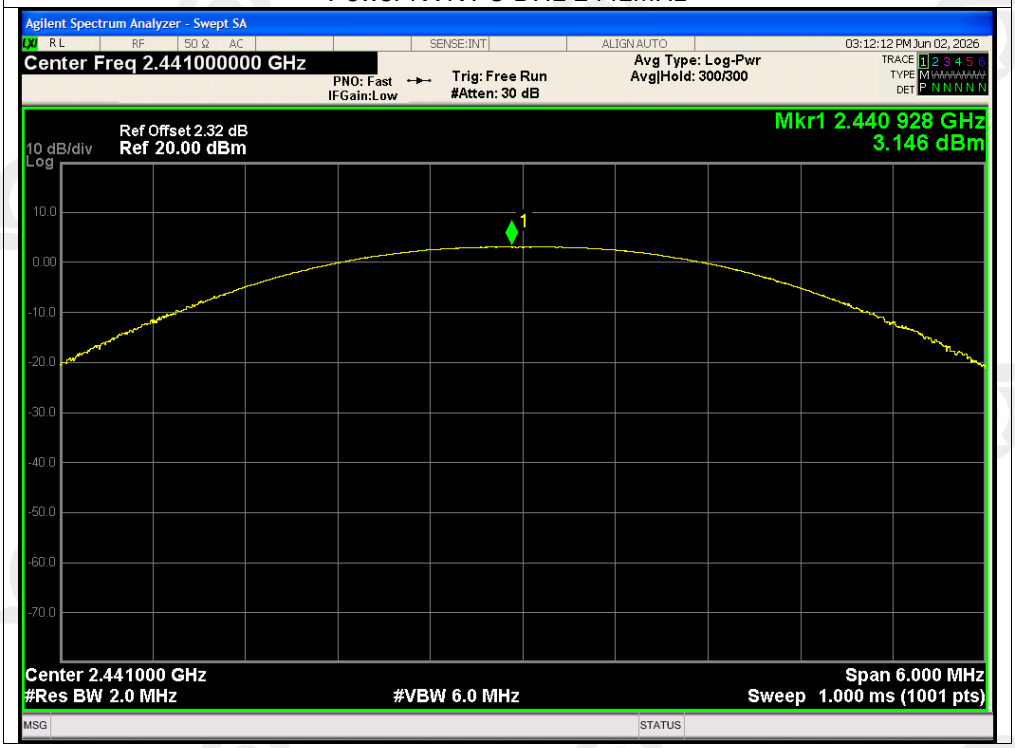
Power NVNT 2-DH1 2480MHz



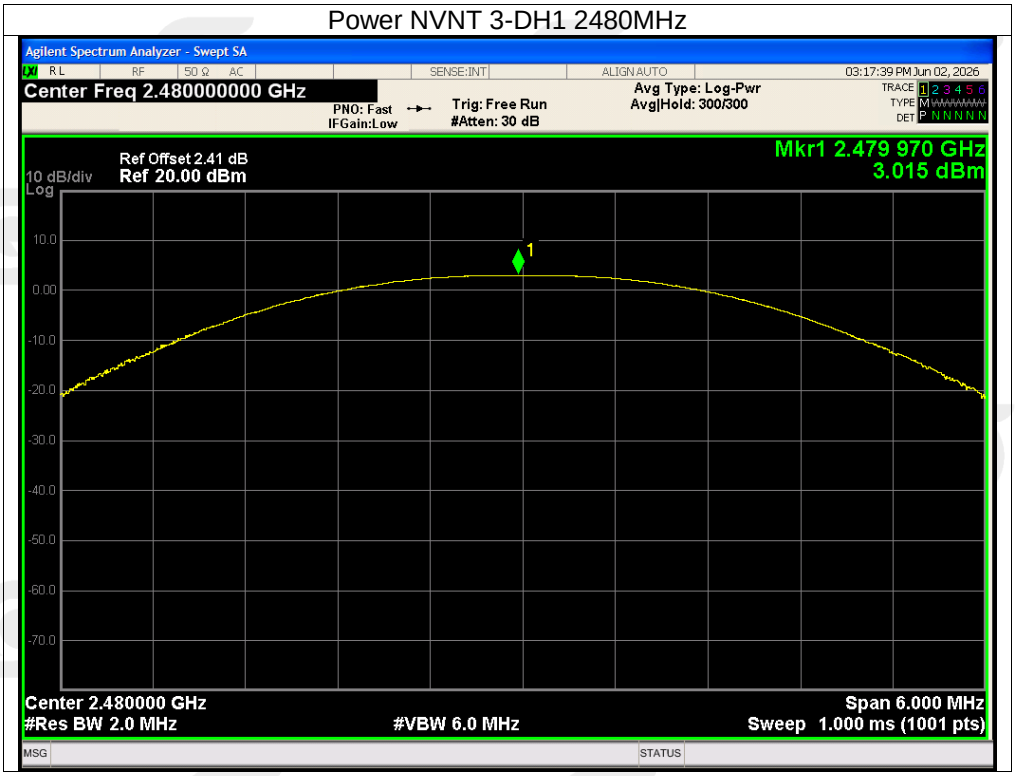
Power NVNT 3-DH1 2402MHz



Power NVNT 3-DH1 2441MHz



Power NVNT 3-DH1 2480MHz

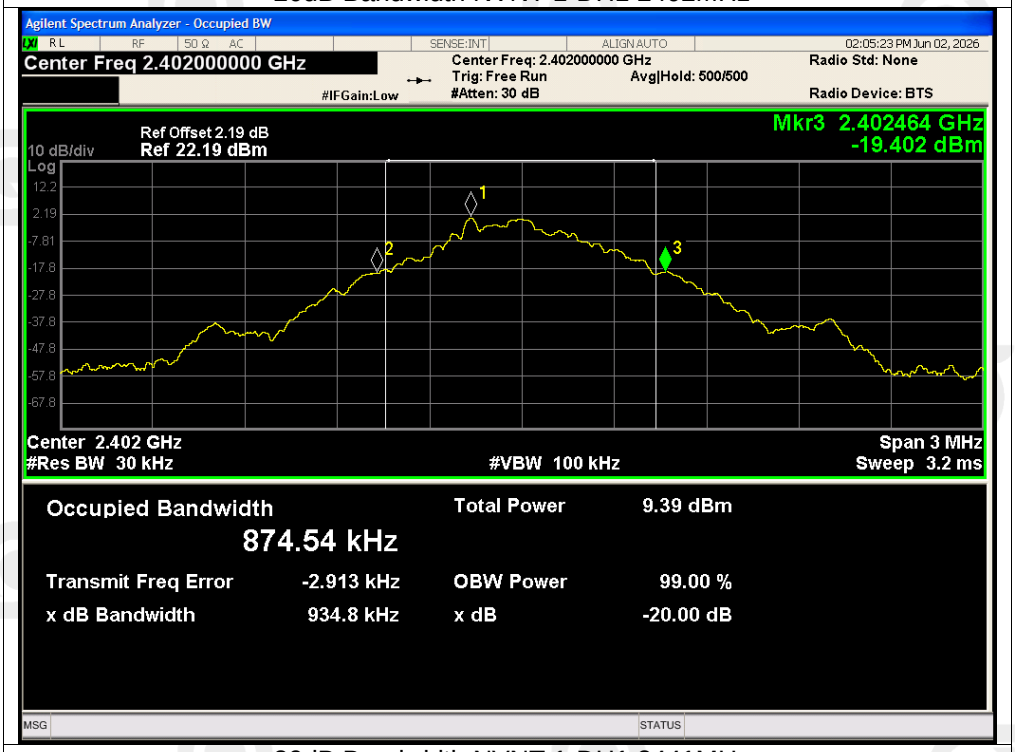


-20dB Bandwidth

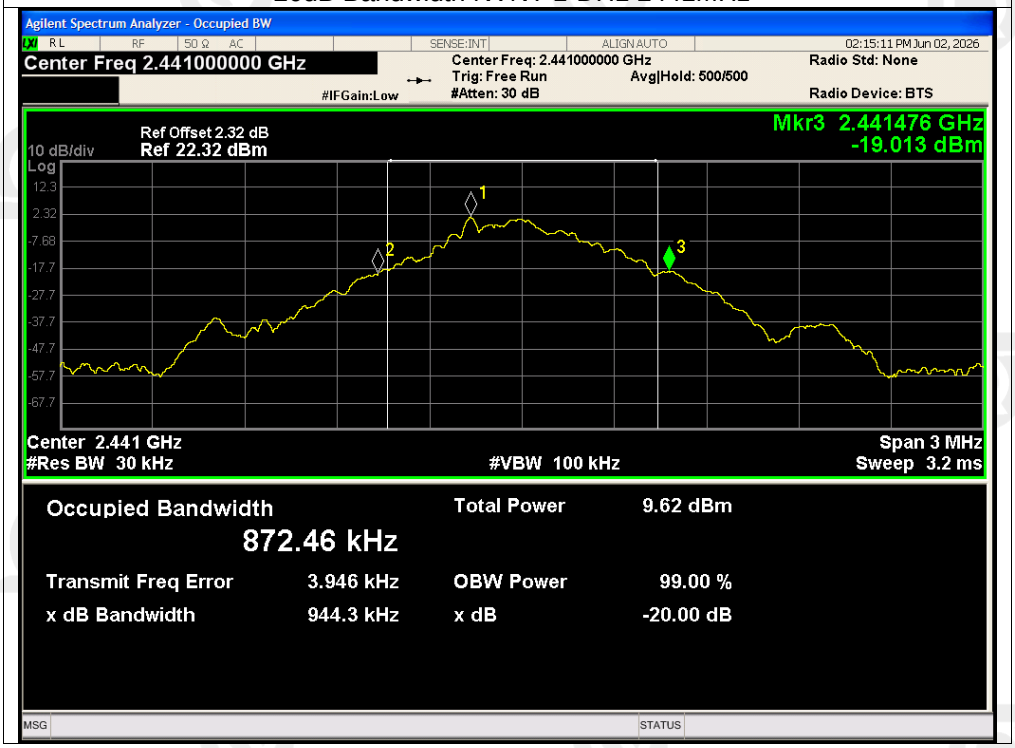
Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	0.935	Pass
NVNT	1-DH1	2441	0.944	Pass
NVNT	1-DH1	2480	0.944	Pass
NVNT	2-DH1	2402	1.212	Pass
NVNT	2-DH1	2441	1.215	Pass
NVNT	2-DH1	2480	1.211	Pass
NVNT	3-DH1	2402	1.218	Pass
NVNT	3-DH1	2441	1.221	Pass
NVNT	3-DH1	2480	1.212	Pass

Test Graphs

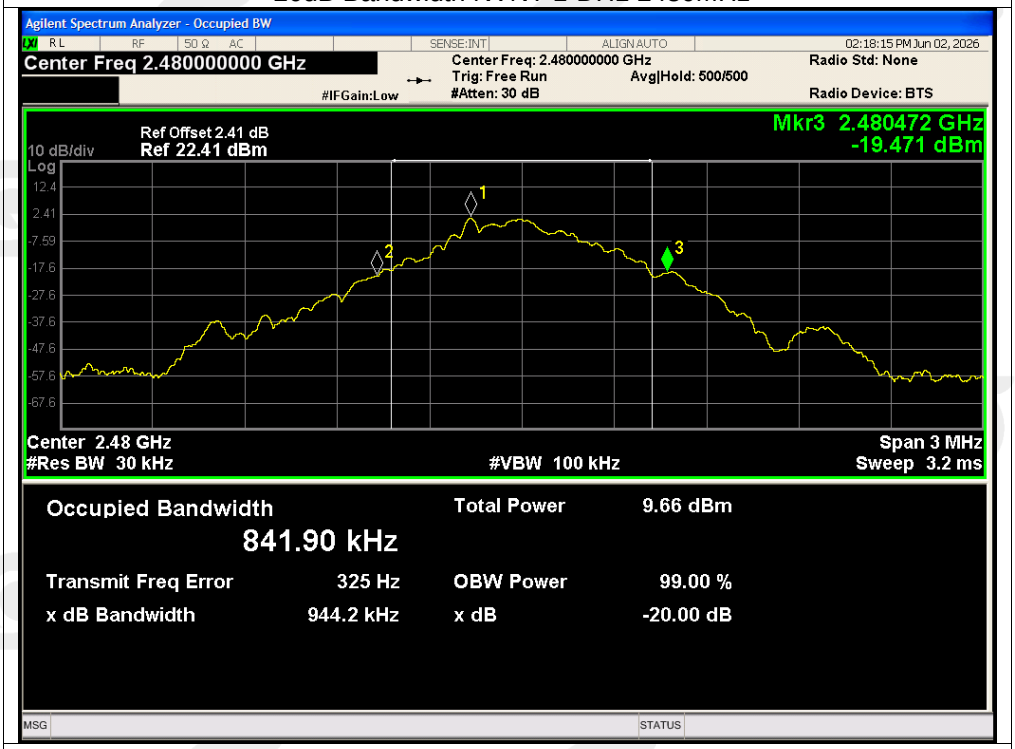
-20dB Bandwidth NVNT 1-DH1 2402MHz



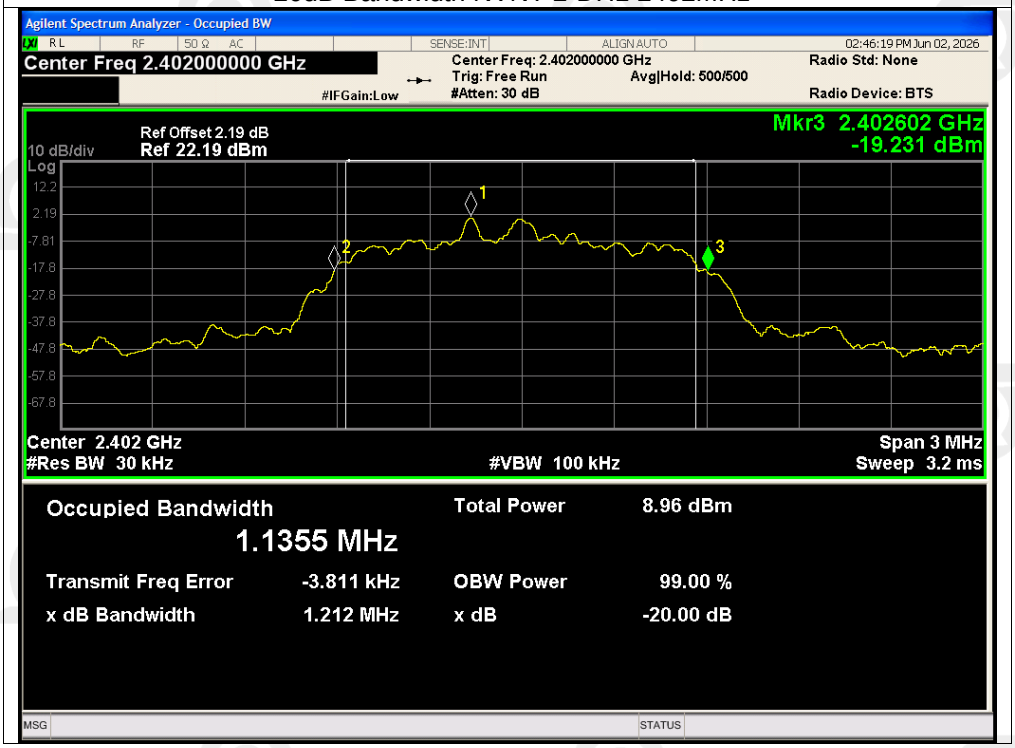
-20dB Bandwidth NVNT 1-DH1 2441MHz



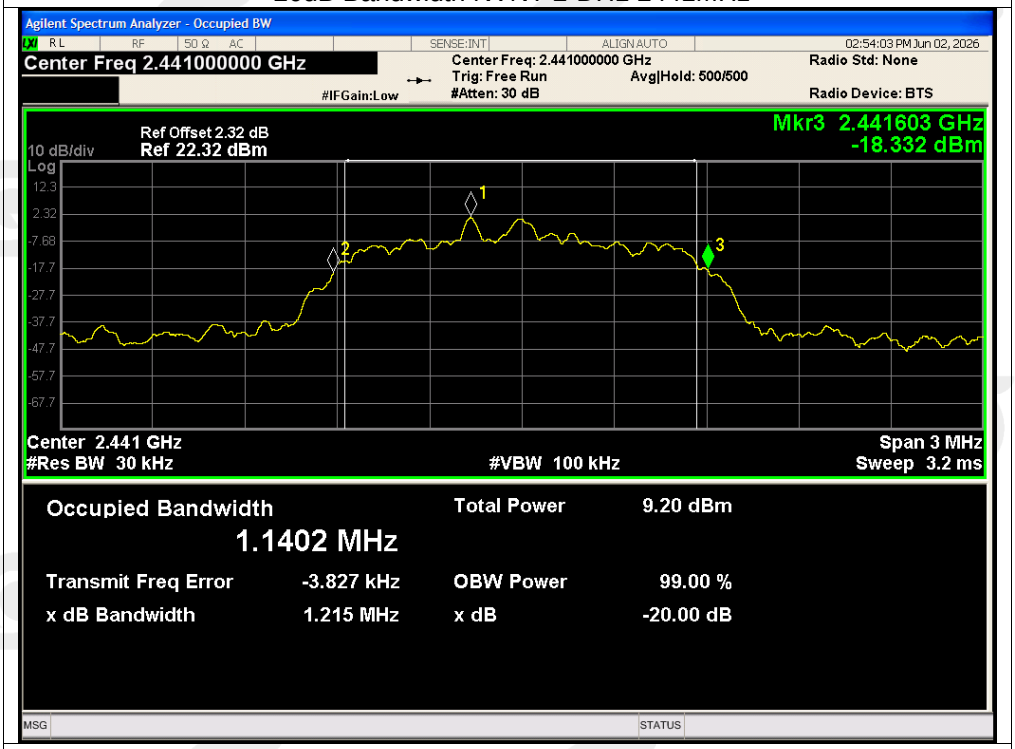
-20dB Bandwidth NVNT 1-DH1 2480MHz



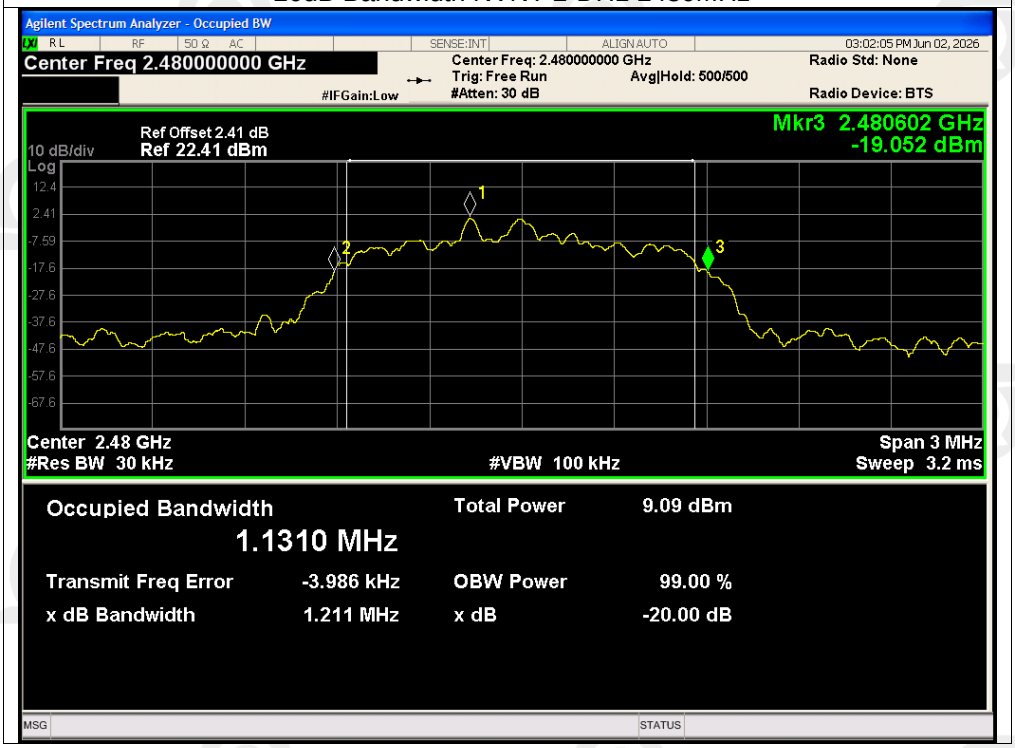
-20dB Bandwidth NVNT 2-DH1 2402MHz



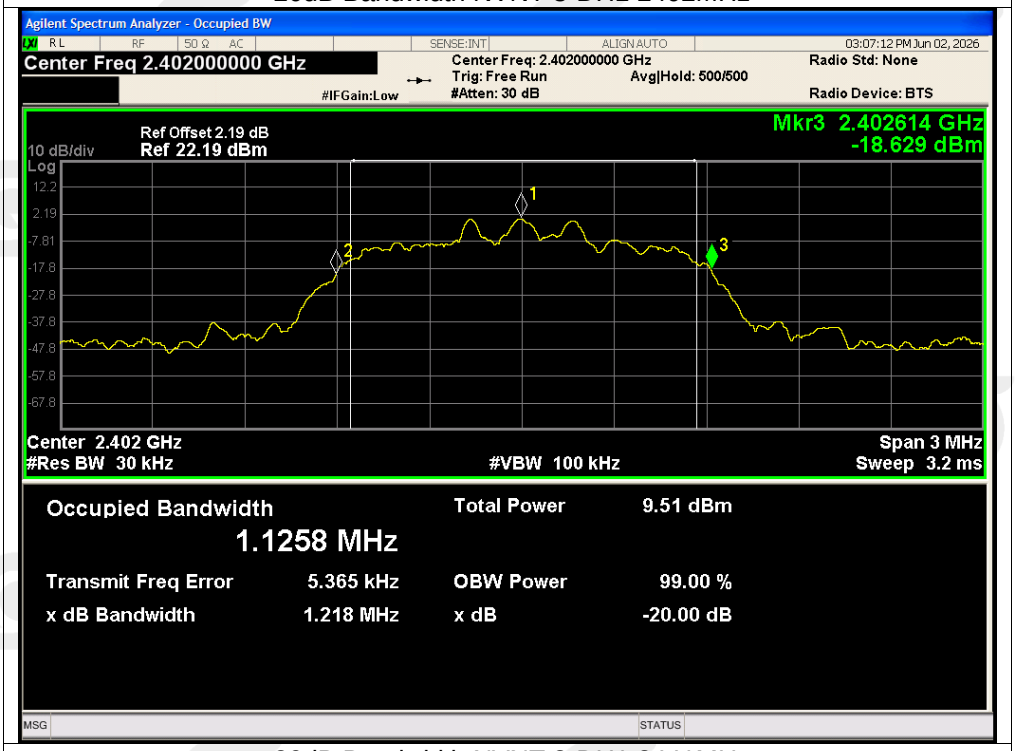
-20dB Bandwidth NVNT 2-DH1 2441MHz



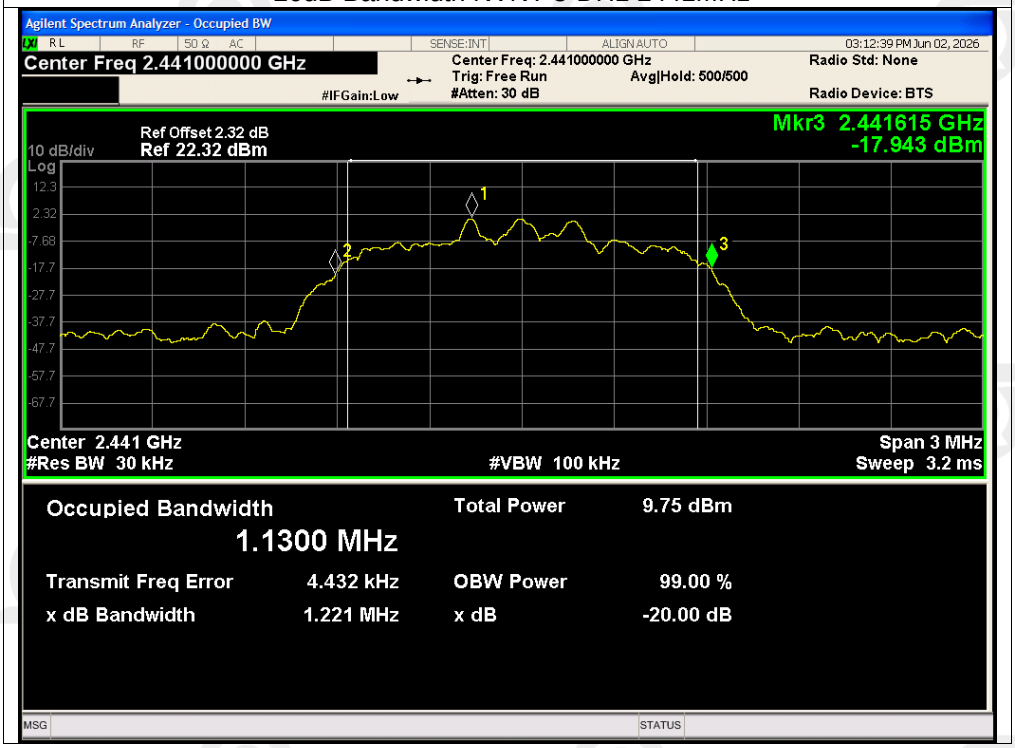
-20dB Bandwidth NVNT 2-DH1 2480MHz



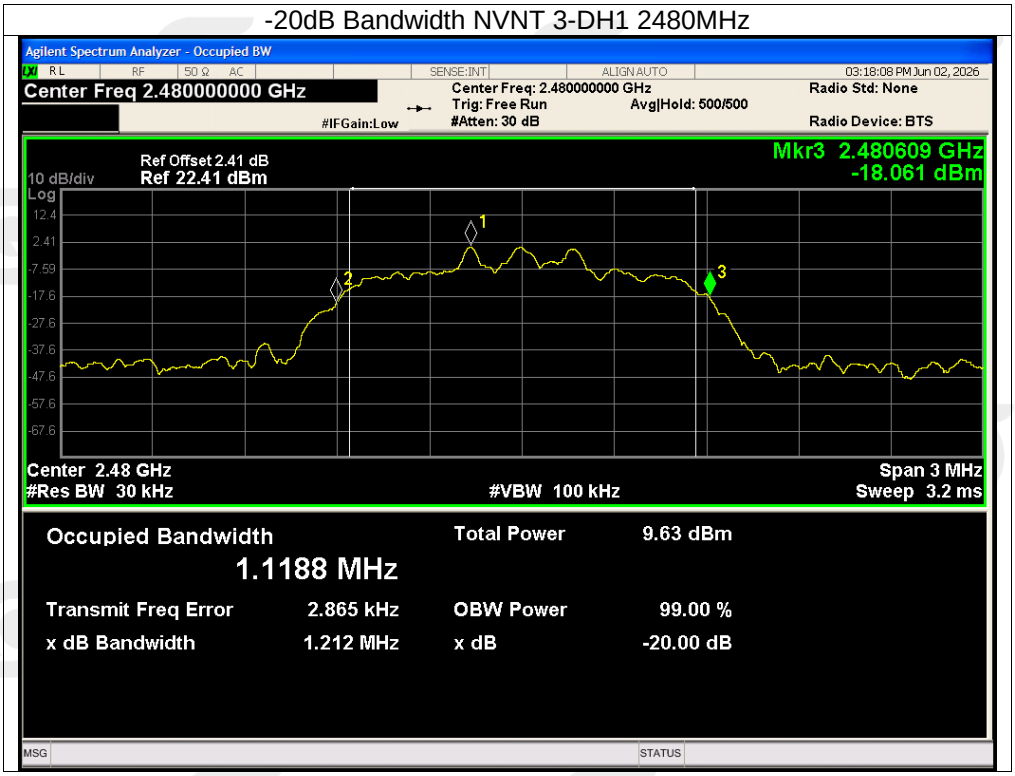
-20dB Bandwidth NVNT 3-DH1 2402MHz



-20dB Bandwidth NVNT 3-DH1 2441MHz



-20dB Bandwidth NVNT 3-DH1 2480MHz

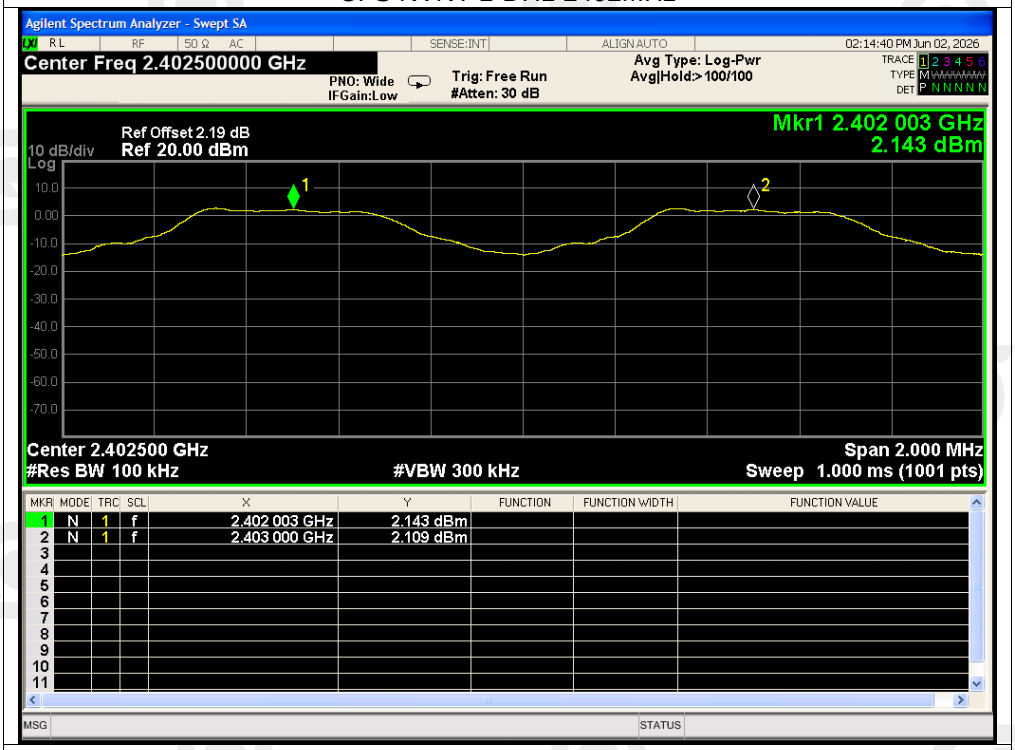


Carrier Frequencies Separation

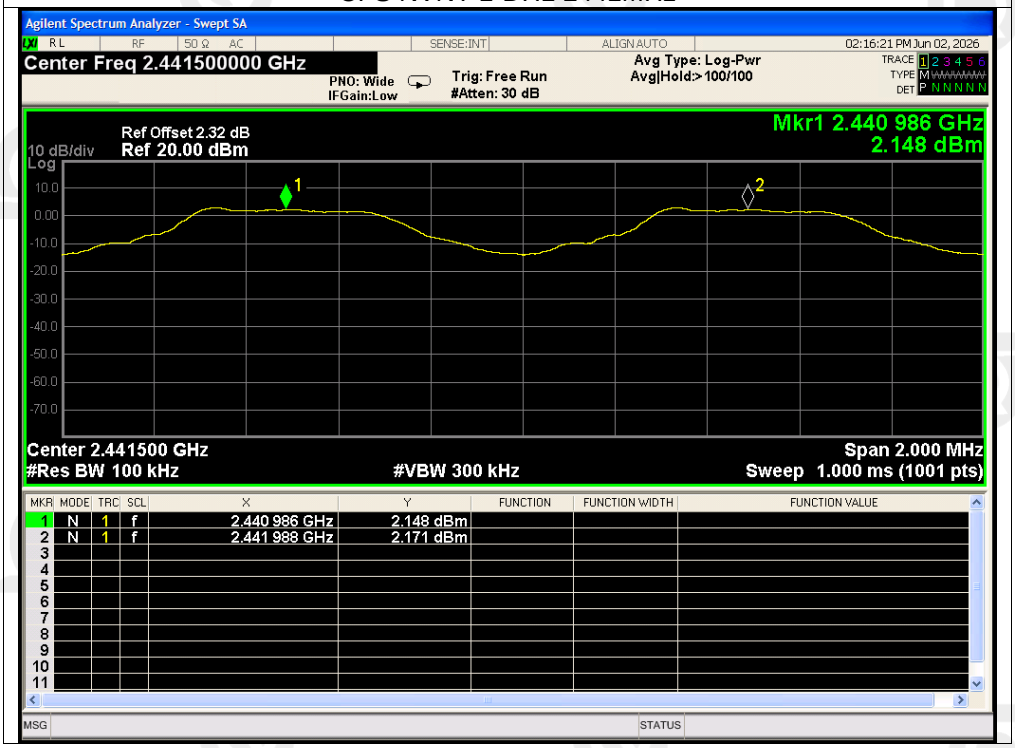
Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	2402.003	2403000	0.997	0.944	Pass
NVNT	1-DH1	2440.986	2441.988	1.002	0.944	Pass
NVNT	1-DH1	2478.988	2479.988	1.000	0.944	Pass
NVNT	2-DH1	2401.994	2402.996	1.002	0.810	Pass
NVNT	2-DH1	2440.989	2441.995	1.006	0.810	Pass
NVNT	2-DH1	2478.995	2479.994	0.999	0.810	Pass
NVNT	3-DH1	2402.000	2403.000	1.000	0.814	Pass
NVNT	3-DH1	2440.999	2442.000	1.001	0.814	Pass
NVNT	3-DH1	2479.000	2480.001	1.001	0.814	Pass

Test Graphs

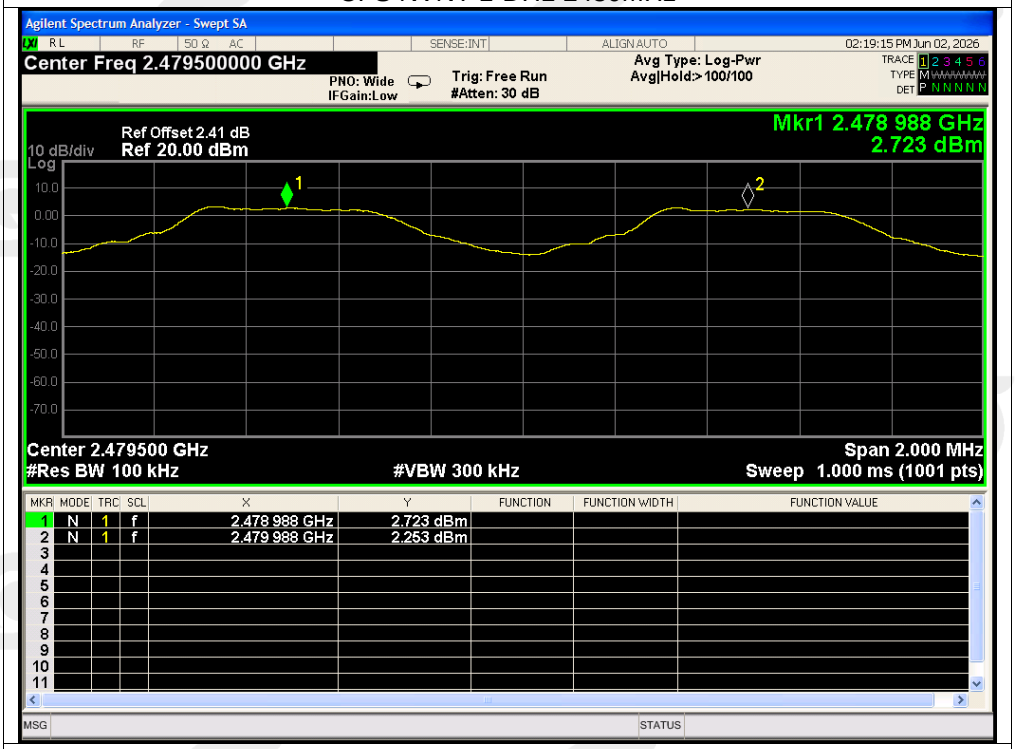
CFS NVNT 1-DH1 2402MHz



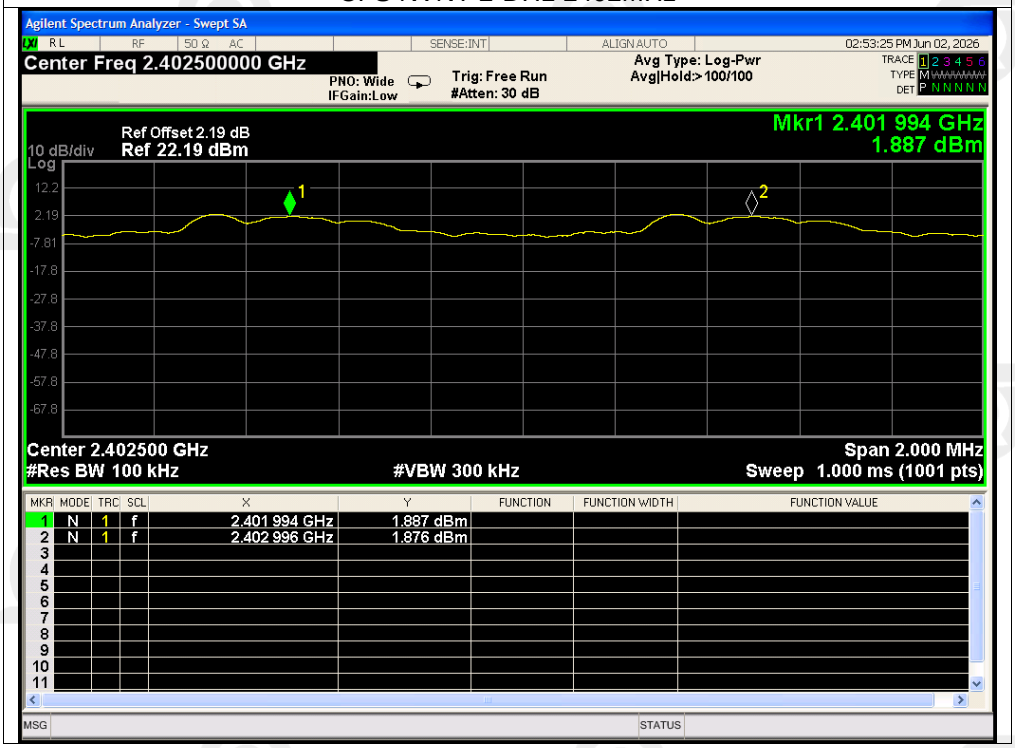
CFS NVNT 1-DH1 2441MHz



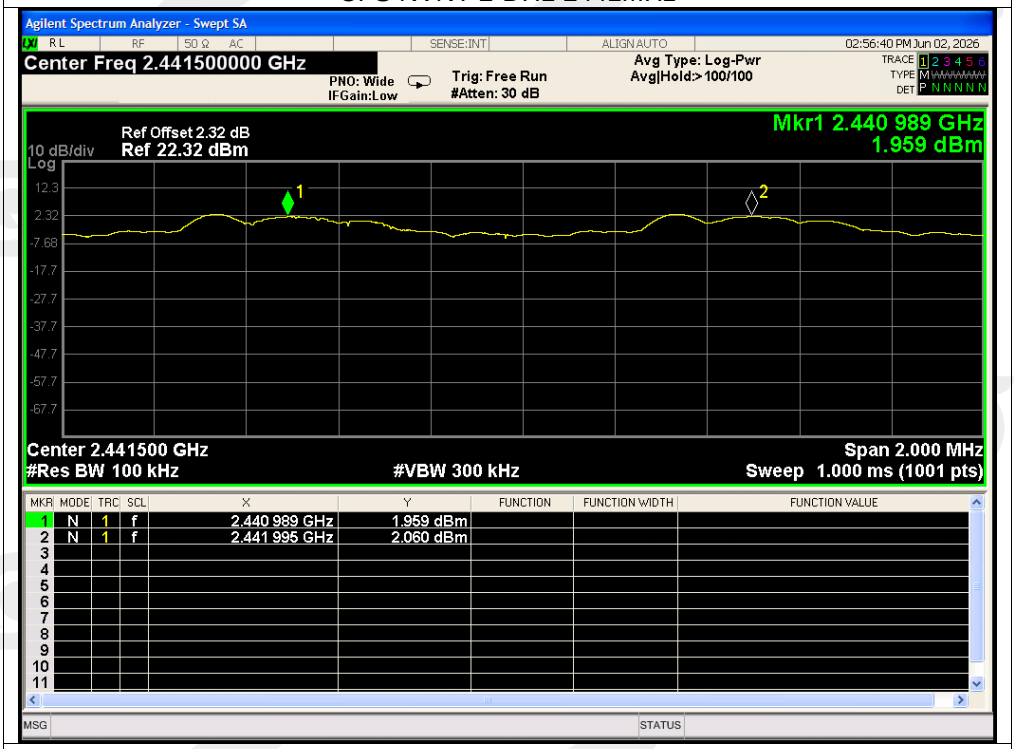
CFS NVNT 1-DH1 2480MHz



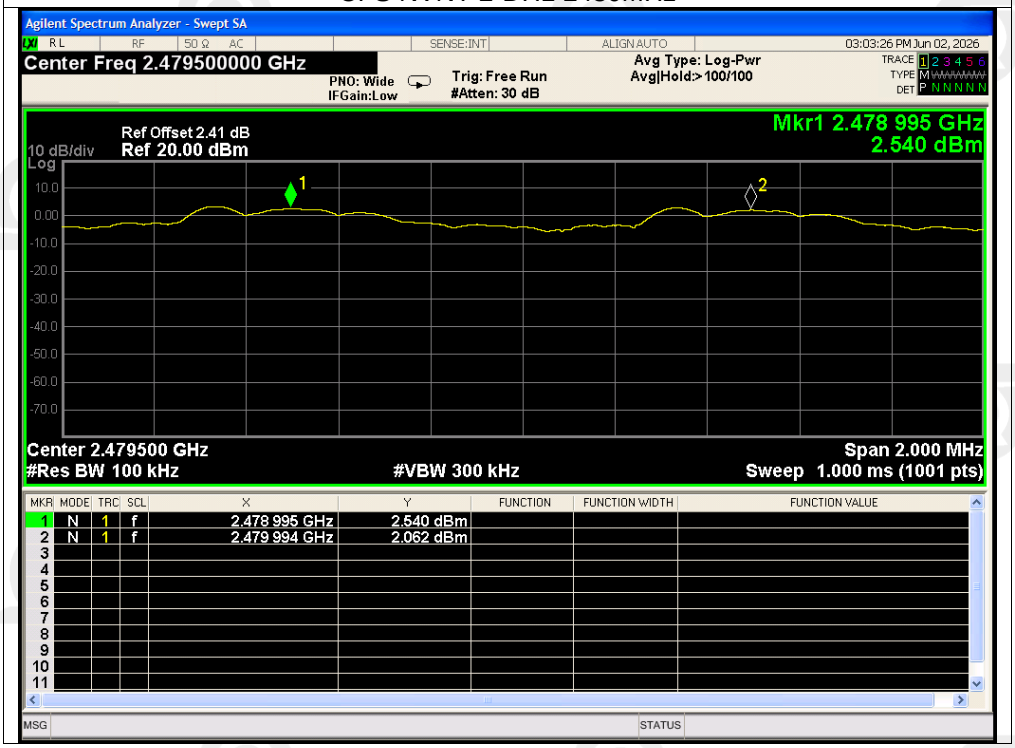
CFS NVNT 2-DH1 2402MHz



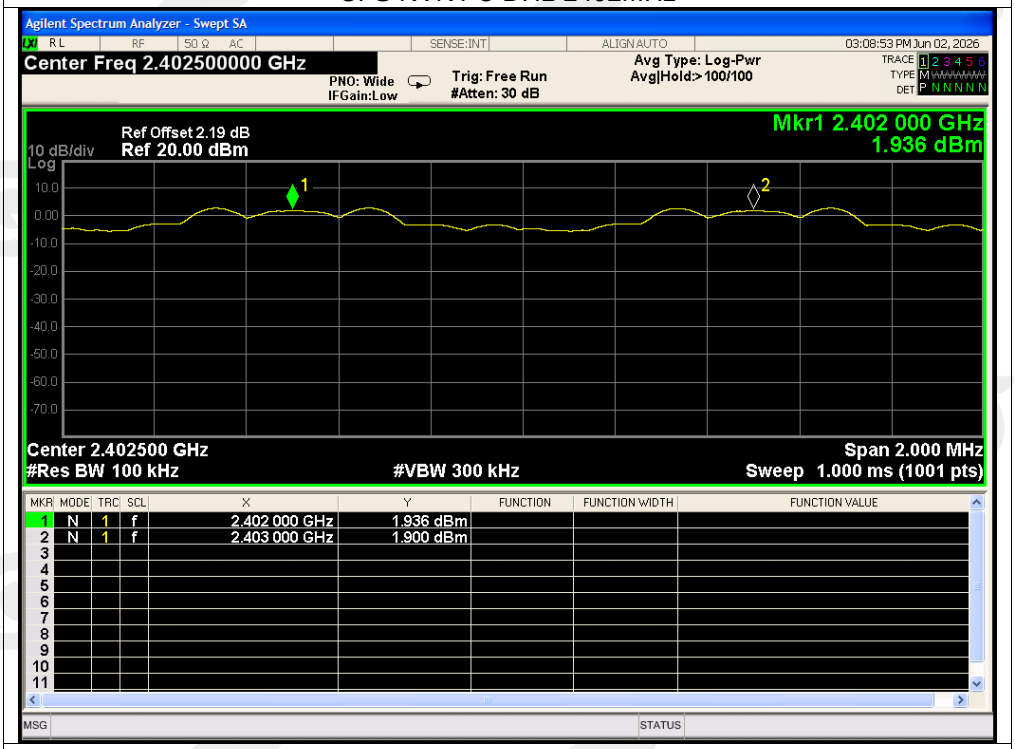
CFS NVNT 2-DH1 2441MHz



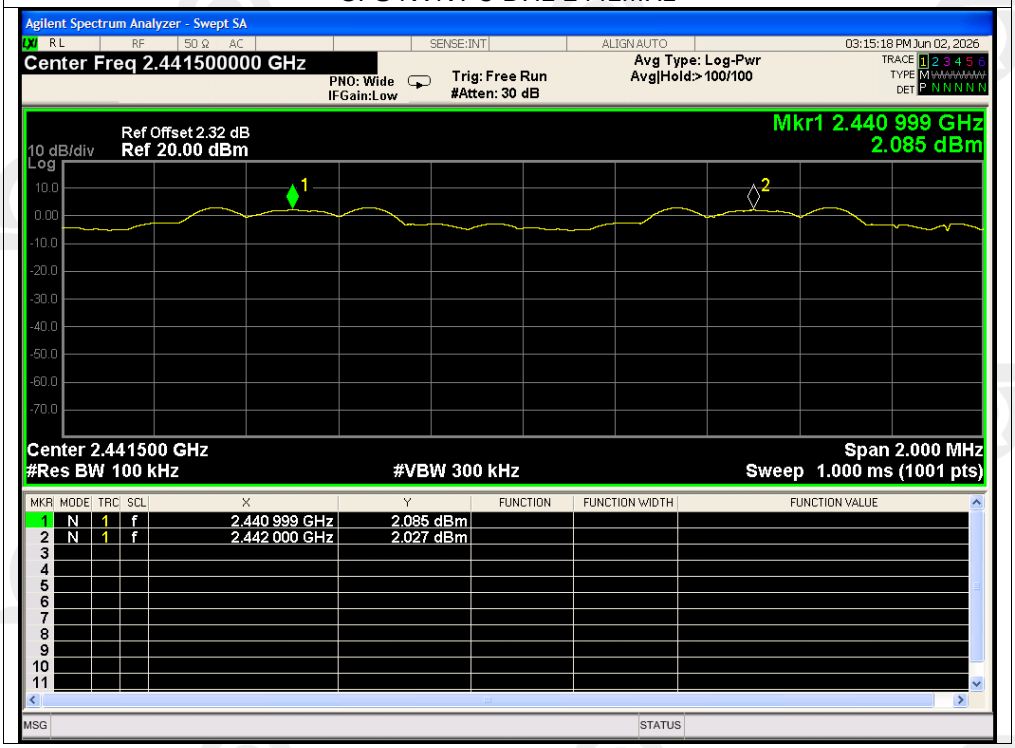
CFS NVNT 2-DH1 2480MHz



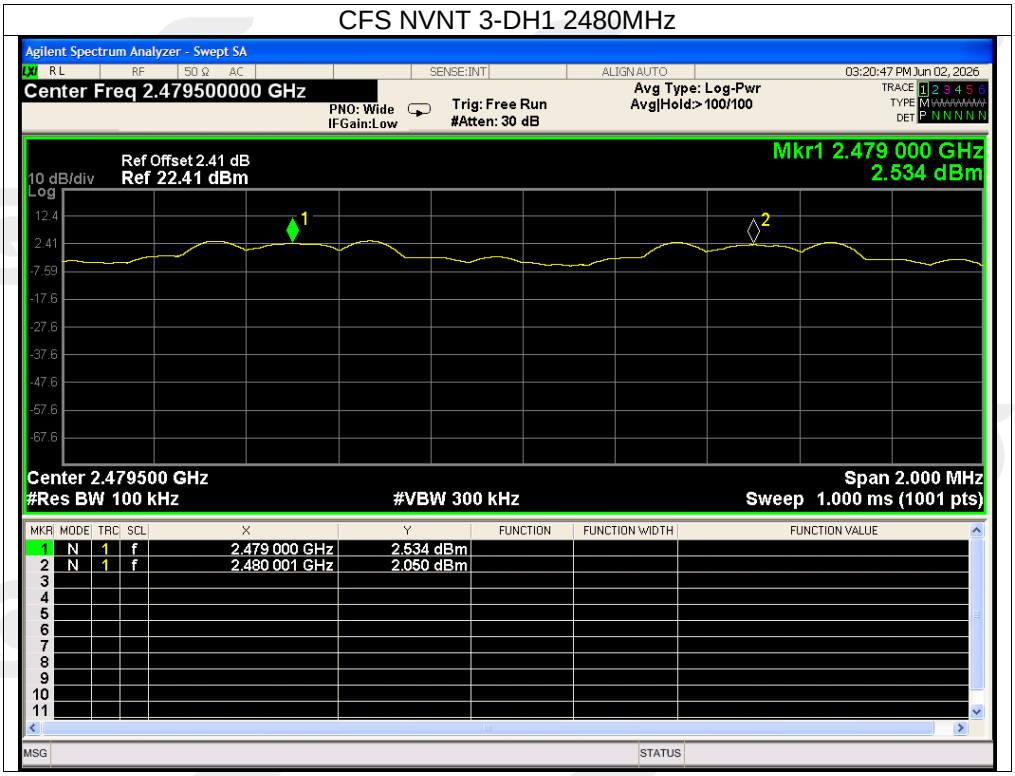
CFS NVNT 3-DH1 2402MHz



CFS NVNT 3-DH1 2441MHz



CFS NVNT 3-DH1 2480MHz

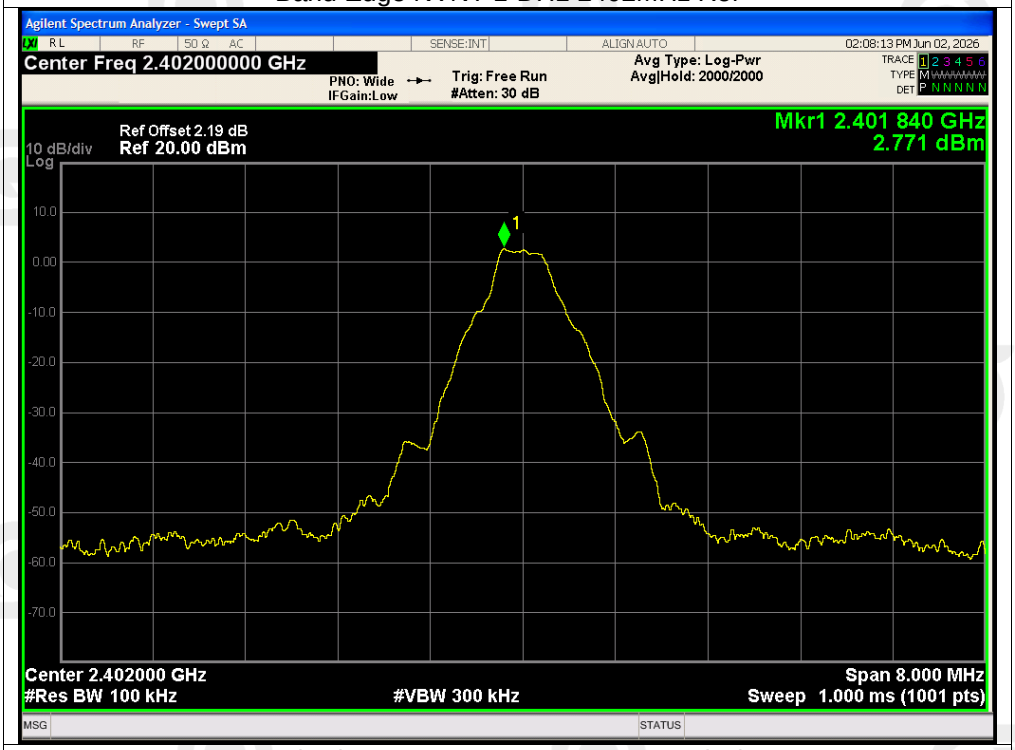


Band Edge

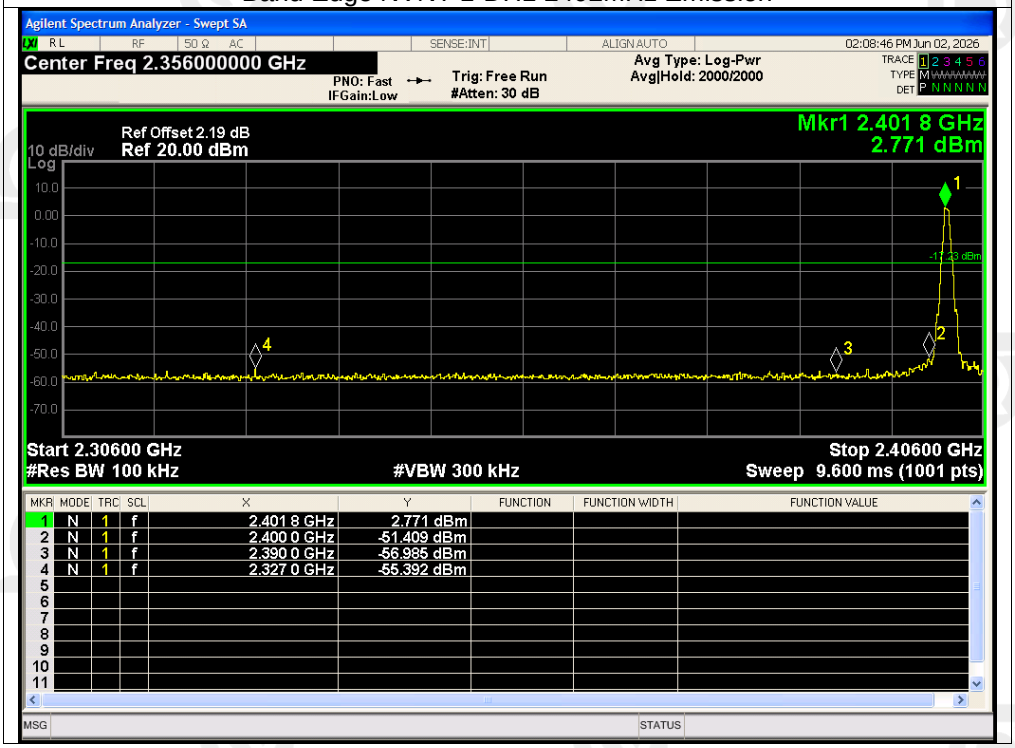
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	-58.16	-20	Pass
NVNT	1-DH1	2480	-58.19	-20	Pass
NVNT	2-DH1	2402	-58.71	-20	Pass
NVNT	2-DH1	2480	-58.58	-20	Pass
NVNT	3-DH1	2402	-59.19	-20	Pass
NVNT	3-DH1	2480	-58.86	-20	Pass

Test Graphs

Band Edge NVNT 1-DH1 2402MHz Ref

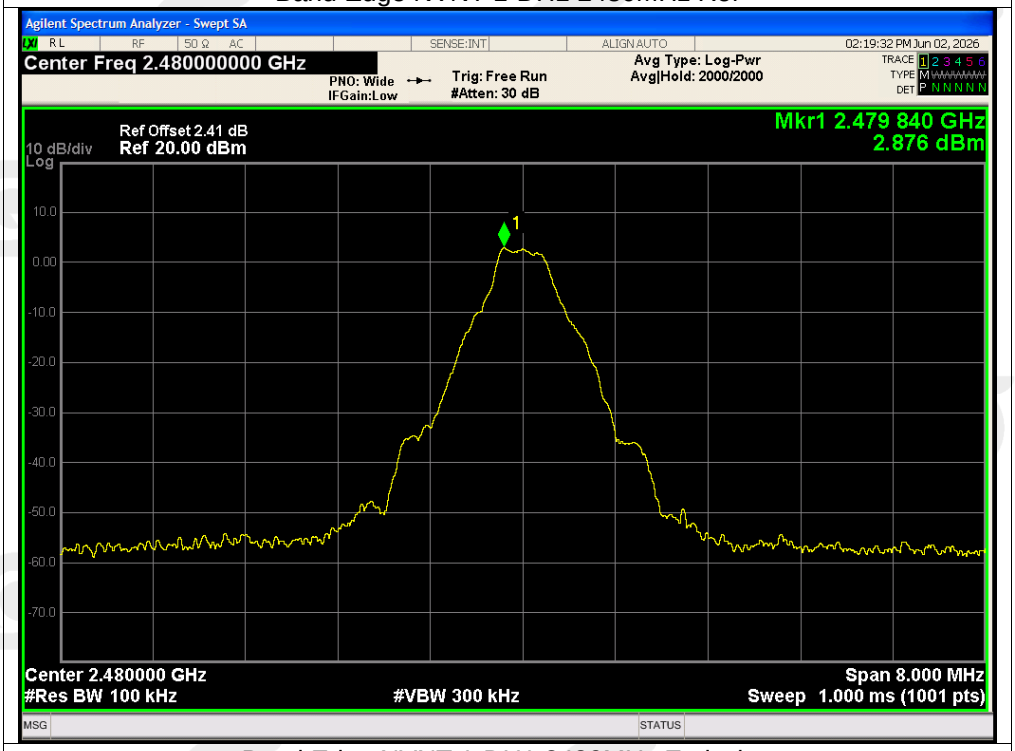


Band Edge NVNT 1-DH1 2402MHz Emission

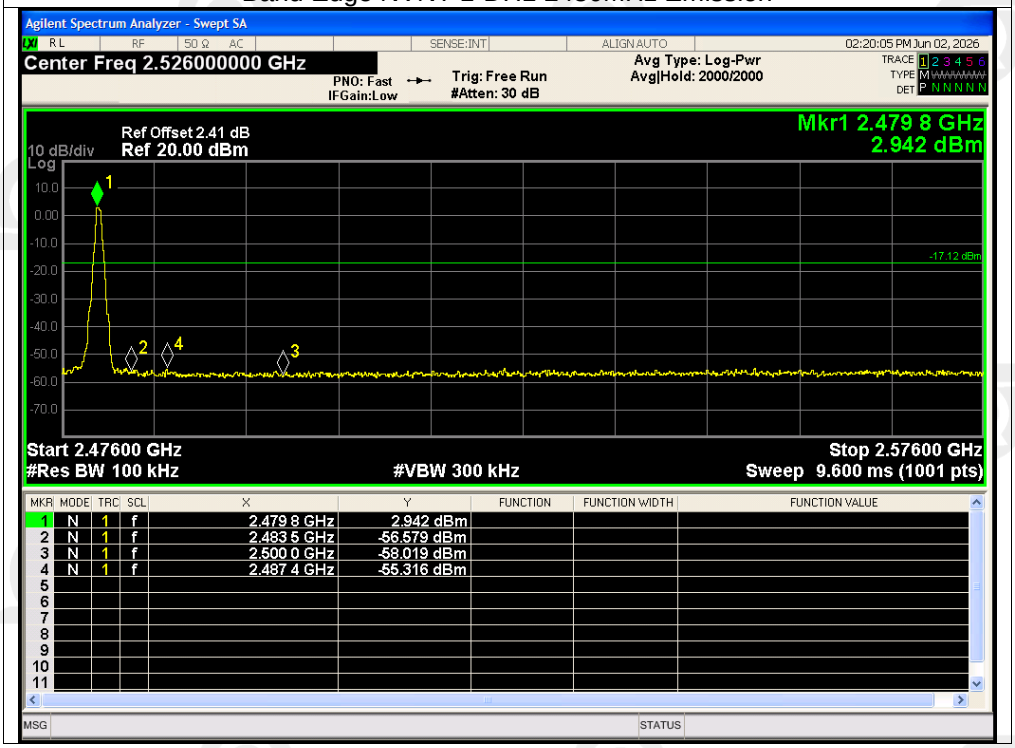


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.401 8 GHz	2.771 dBm			
2	N	1	f	2.400 0 GHz	-51.409 dBm			
3	N	1	f	2.390 0 GHz	-56.985 dBm			
4	N	1	f	2.327 0 GHz	-55.392 dBm			
5								
6								
7								
8								
9								
10								
11								

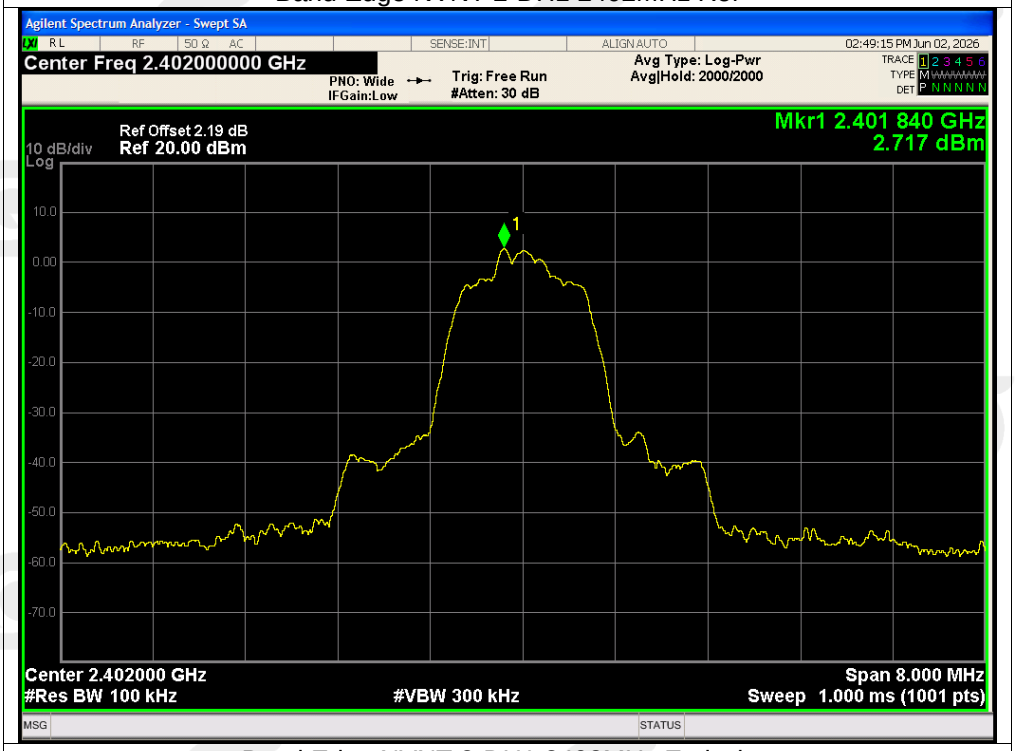
Band Edge NVNT 1-DH1 2480MHz Ref



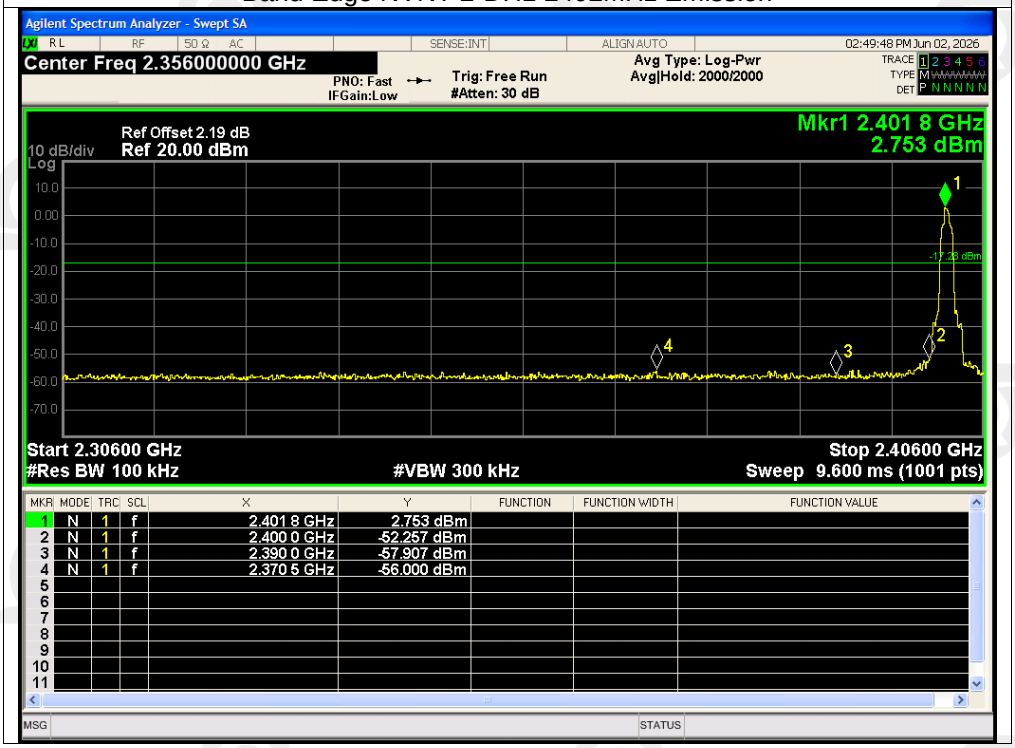
Band Edge NVNT 1-DH1 2480MHz Emission



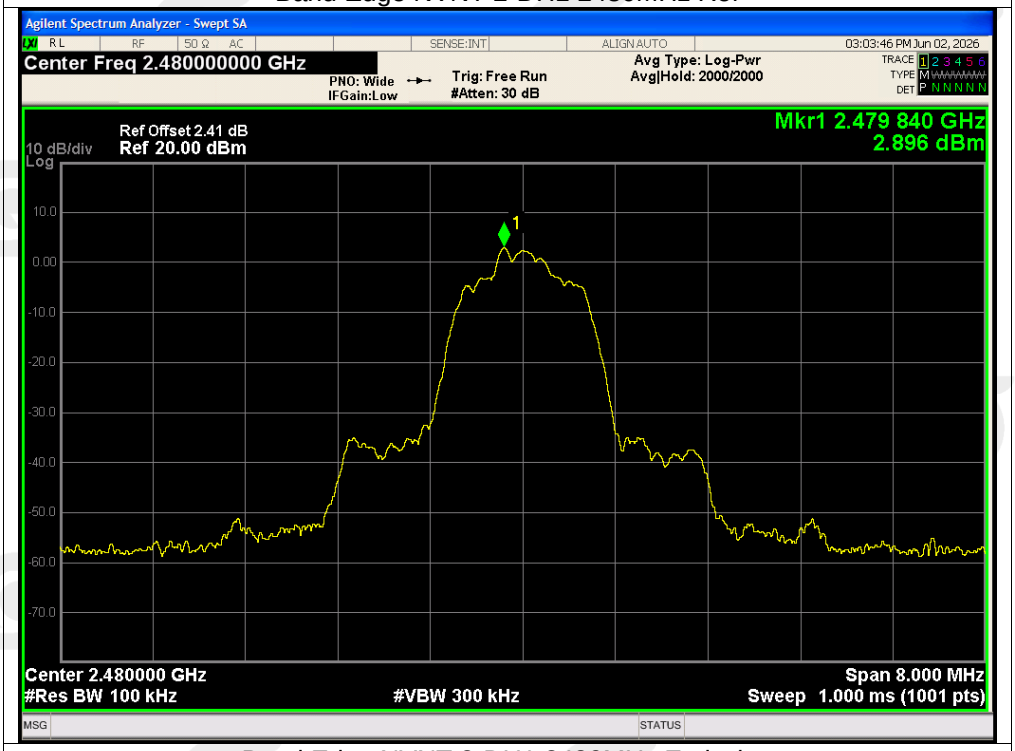
Band Edge NVNT 2-DH1 2402MHz Ref



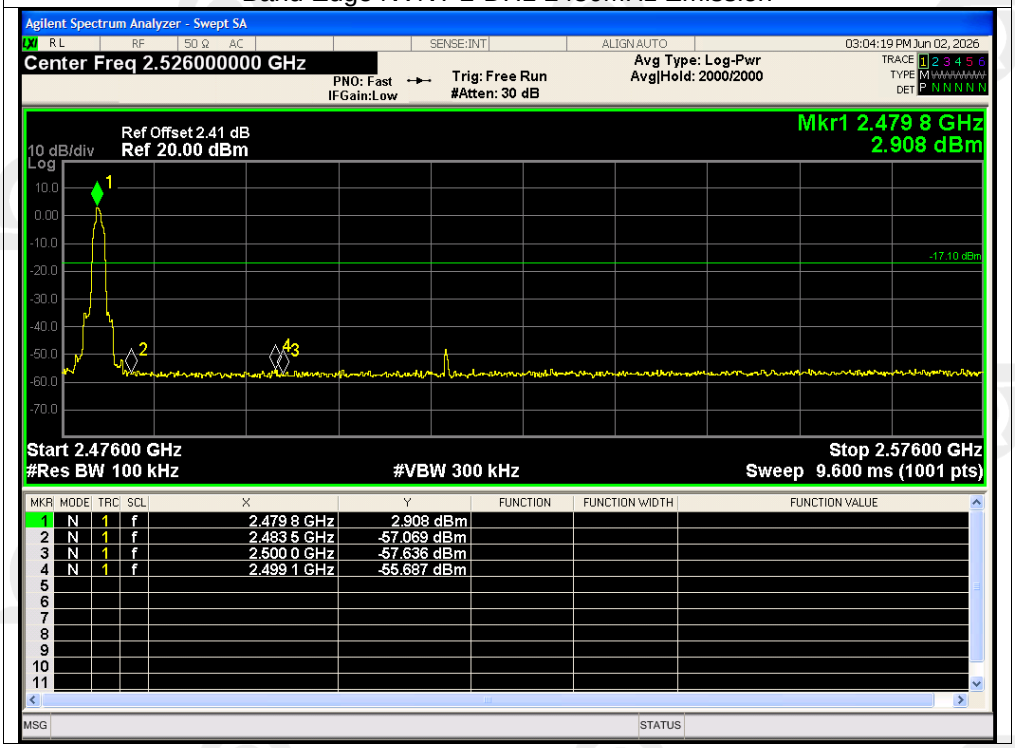
Band Edge NVNT 2-DH1 2402MHz Emission



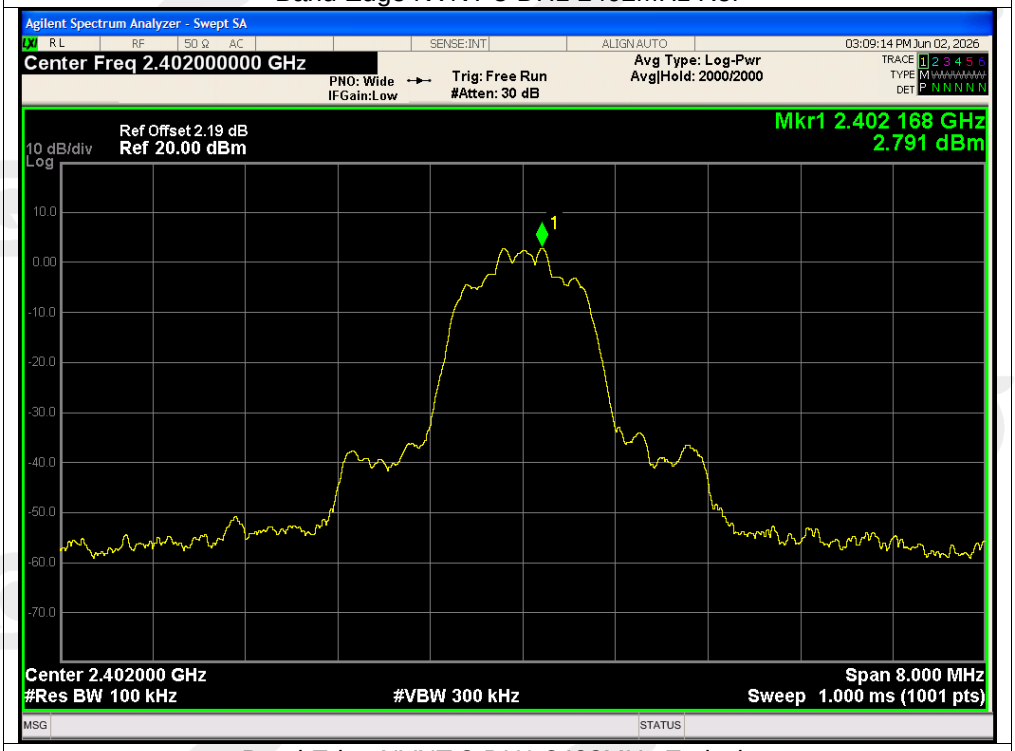
Band Edge NVNT 2-DH1 2480MHz Ref



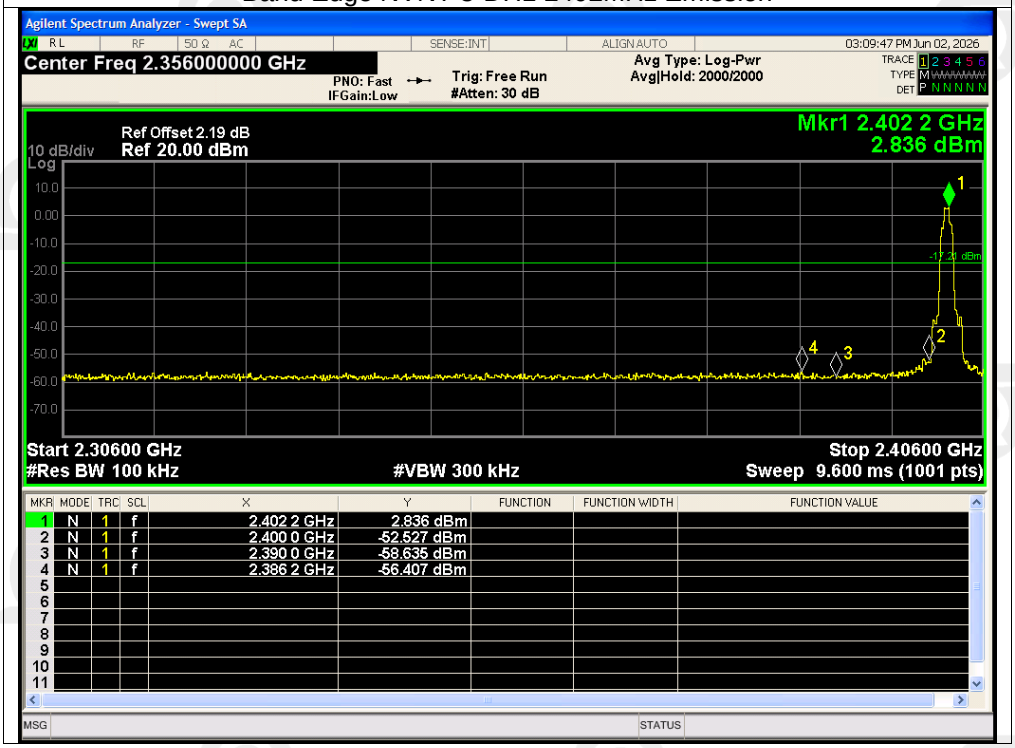
Band Edge NVNT 2-DH1 2480MHz Emission



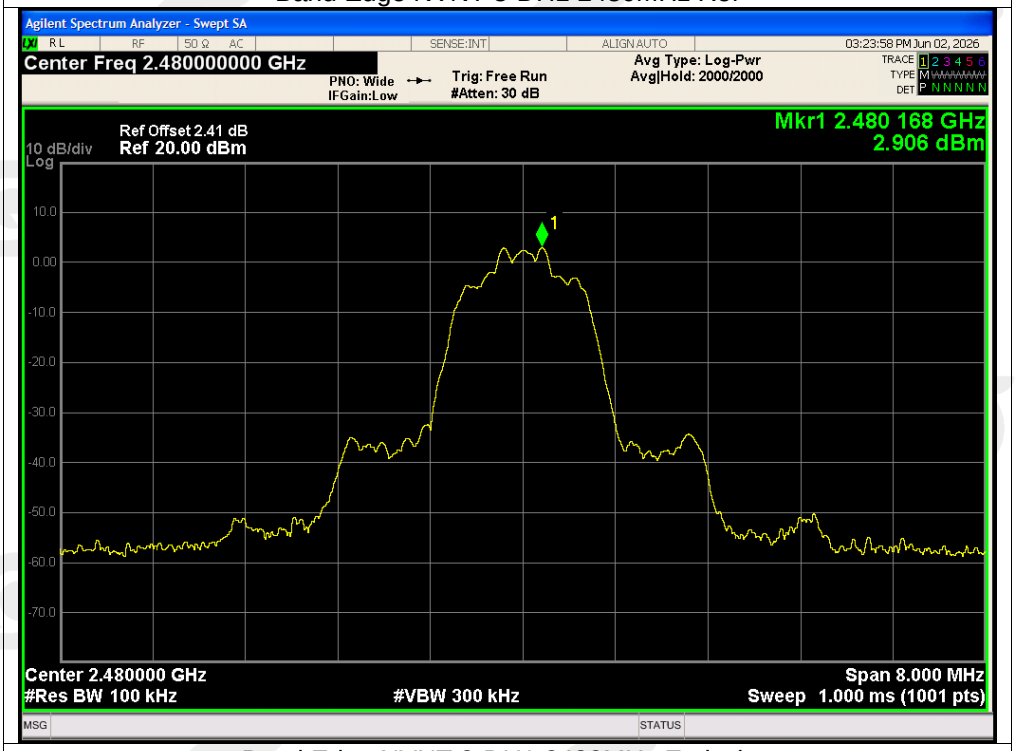
Band Edge NVNT 3-DH1 2402MHz Ref



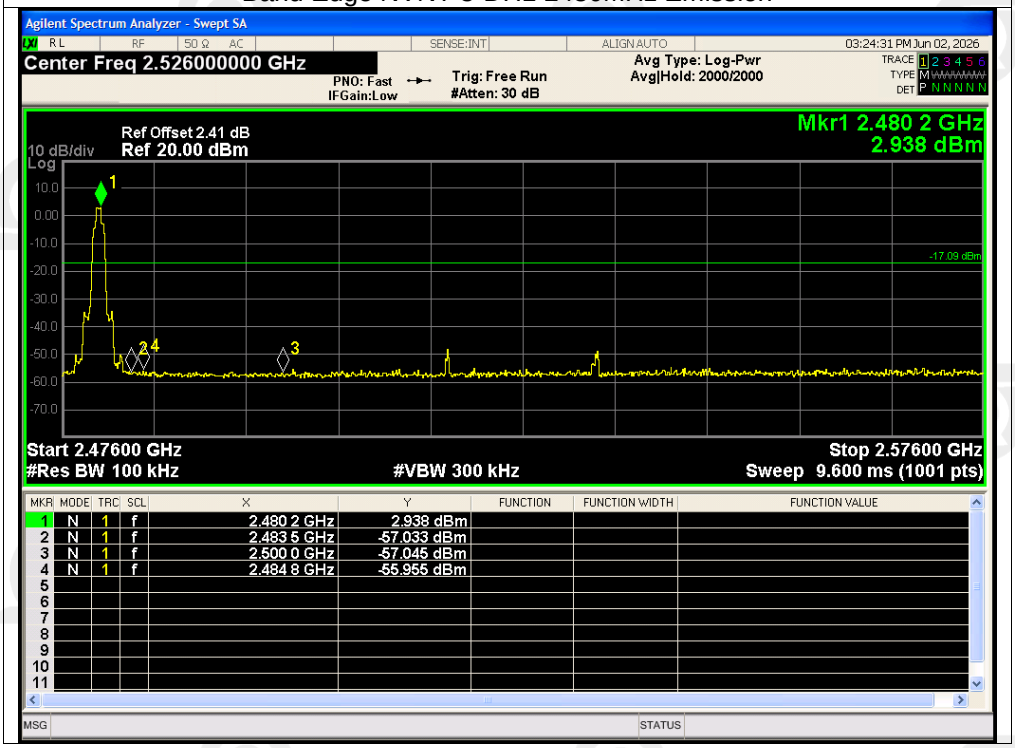
Band Edge NVNT 3-DH1 2402MHz Emission



Band Edge NVNT 3-DH1 2480MHz Ref



Band Edge NVNT 3-DH1 2480MHz Emission



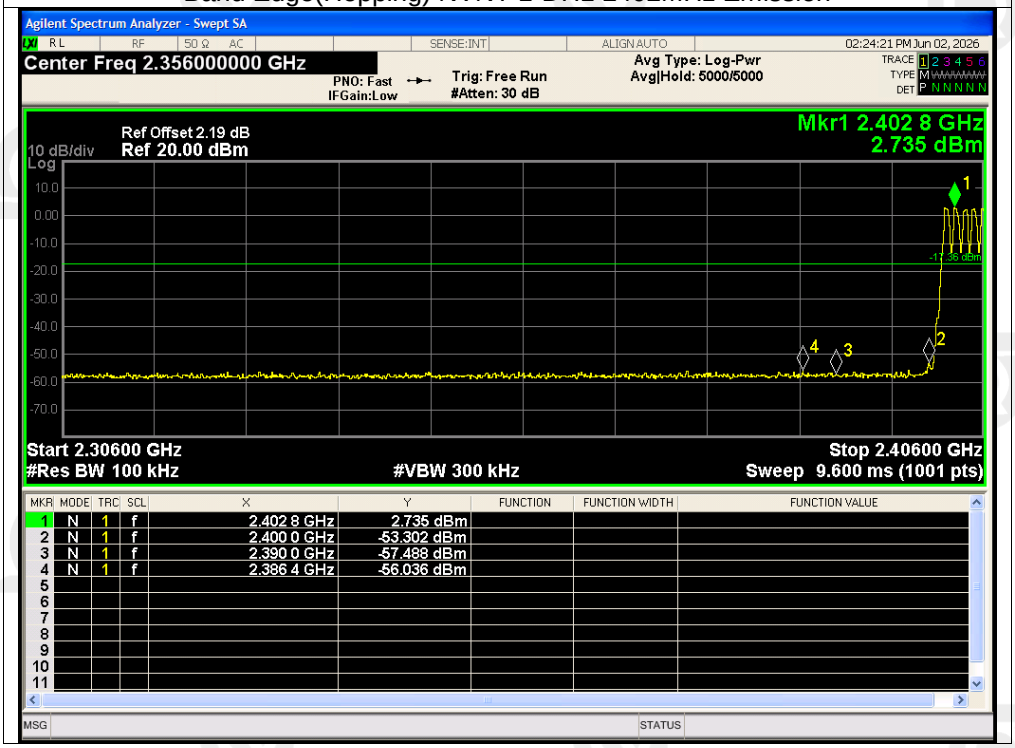
Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	-58.67	-20	Pass
NVNT	1-DH1	2480	-58.62	-20	Pass
NVNT	2-DH1	2402	-58.37	-20	Pass
NVNT	2-DH1	2480	-58.00	-20	Pass
NVNT	3-DH1	2402	-58.61	-20	Pass
NVNT	3-DH1	2480	-58.16	-20	Pass

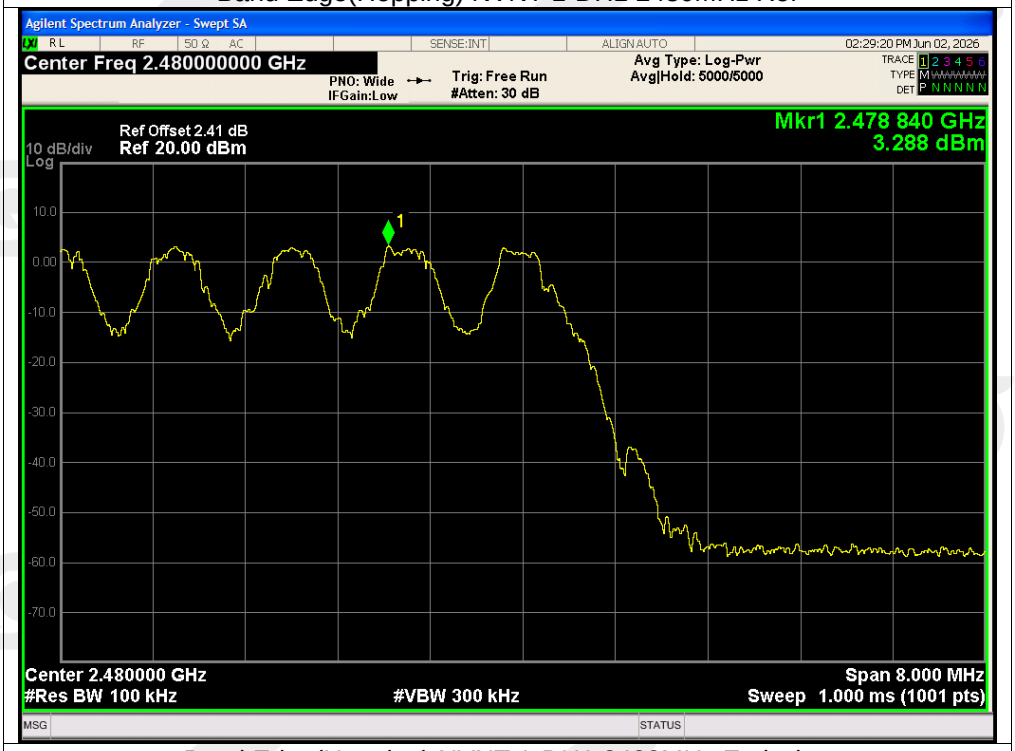
Test Graphs

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

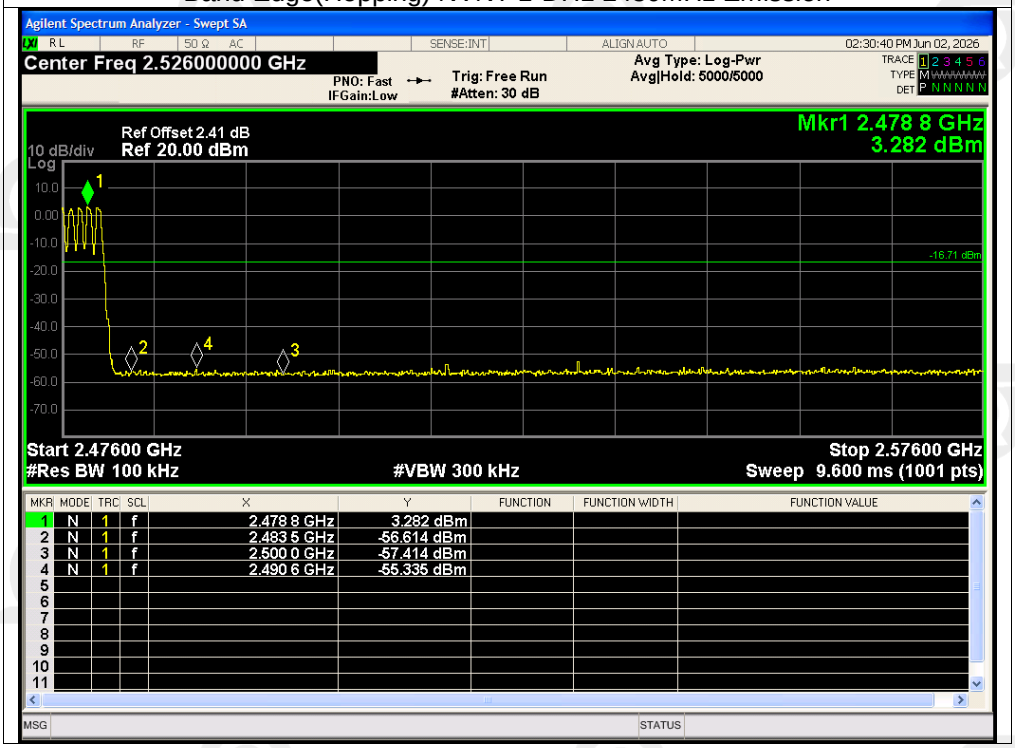
Band Edge(Hopping) NVNT 1-DH1 2402MHz Emission



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

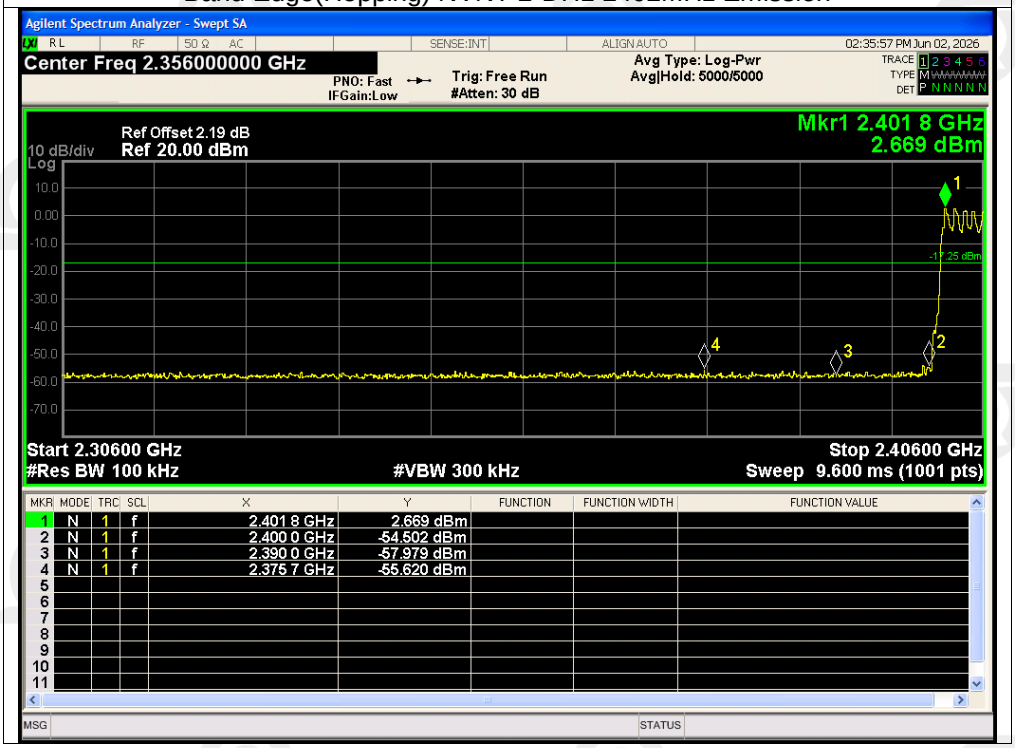


Band Edge(Hopping) NVNT 1-DH1 2480MHz Emission



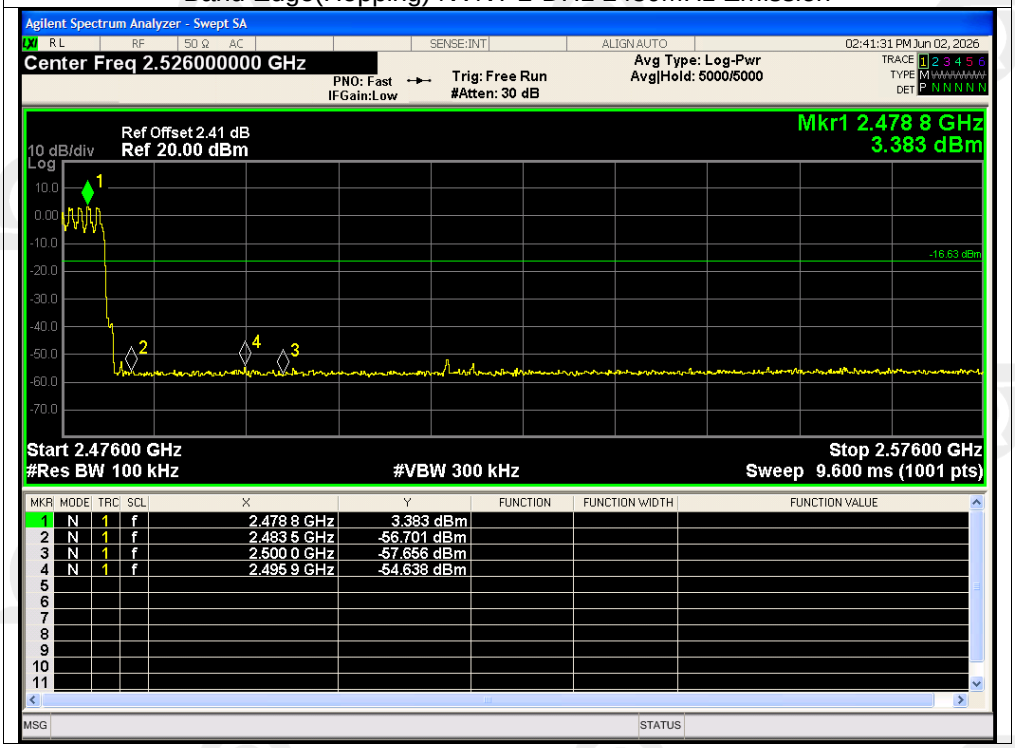
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ref

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



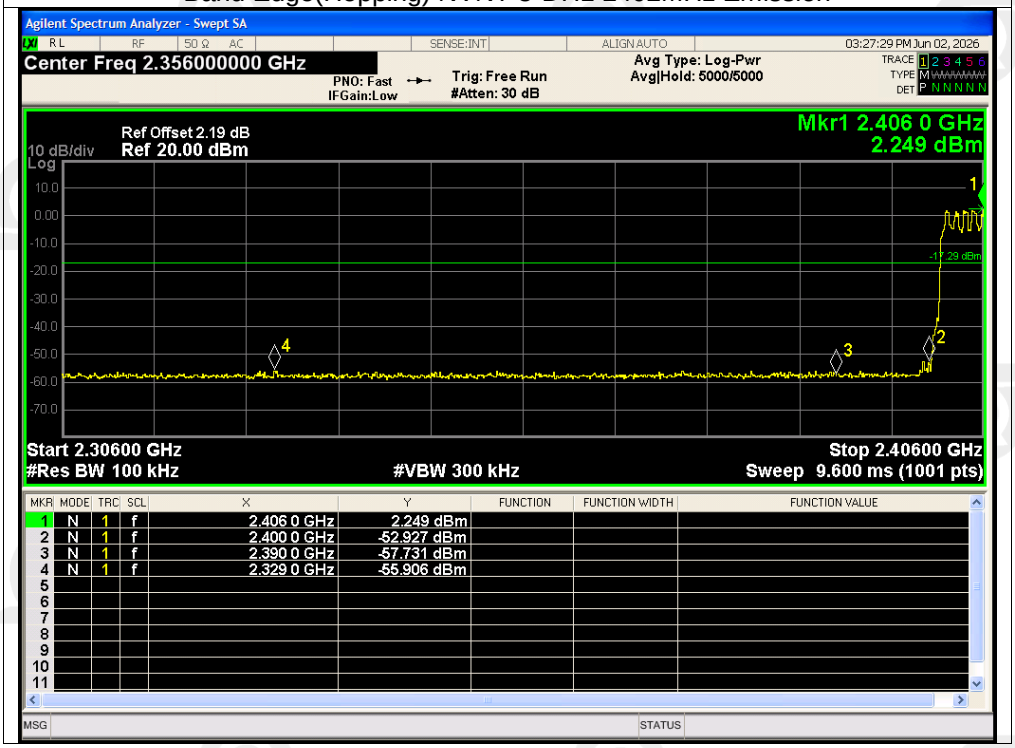
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ref

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



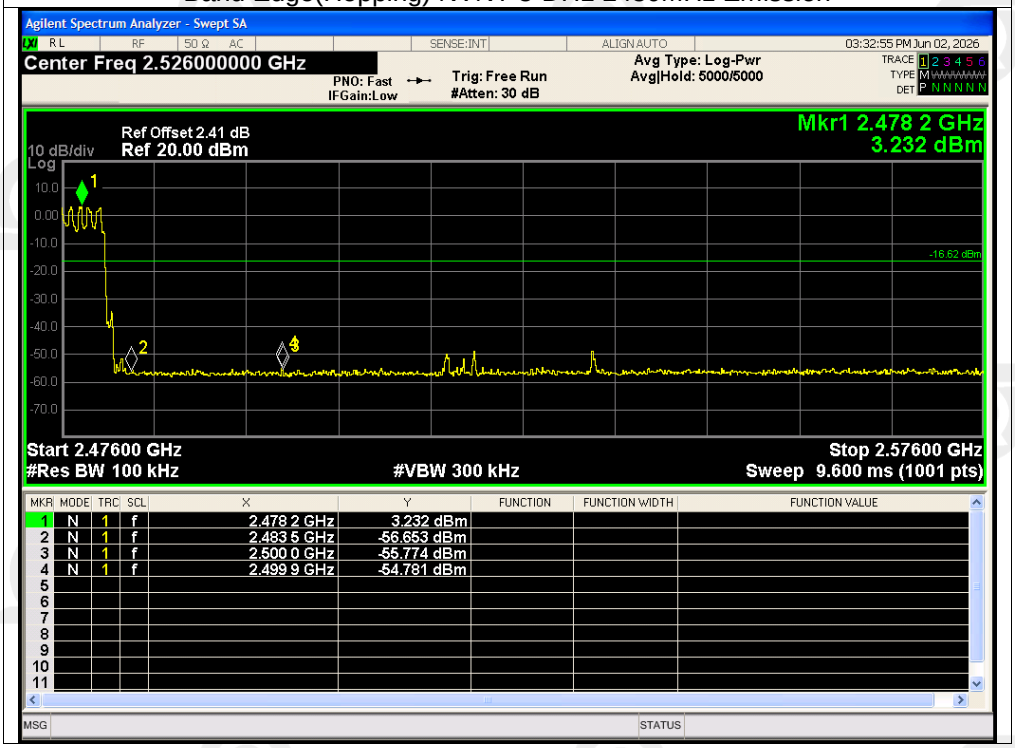
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ref

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



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

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

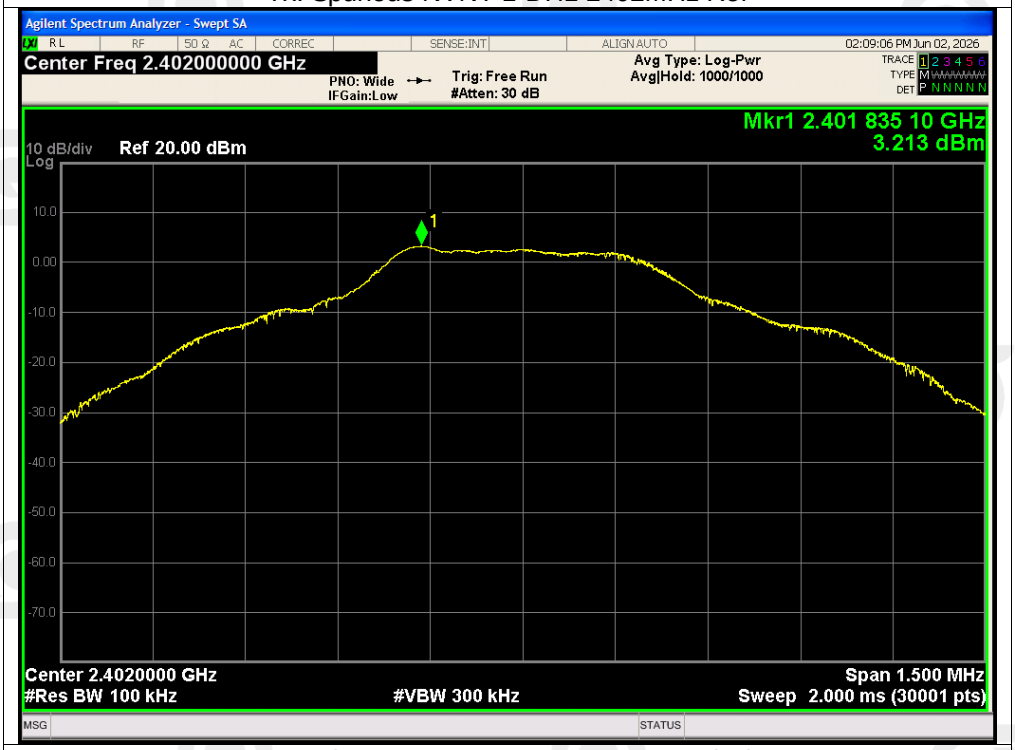


Conducted RF Spurious Emission

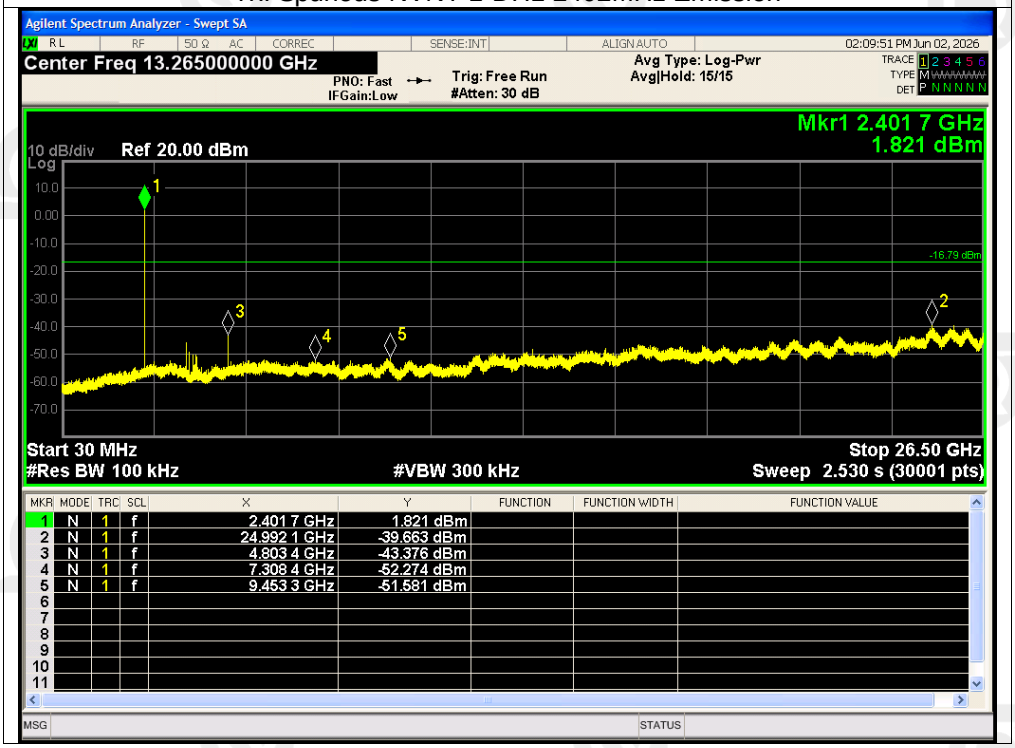
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	-42.87	-20	Pass
NVNT	1-DH1	2441	-43.23	-20	Pass
NVNT	1-DH1	2480	-43.17	-20	Pass
NVNT	2-DH1	2402	-43.46	-20	Pass
NVNT	2-DH1	2441	-43.13	-20	Pass
NVNT	2-DH1	2480	-43.05	-20	Pass
NVNT	3-DH1	2402	-43.54	-20	Pass
NVNT	3-DH1	2441	-47.72	-20	Pass
NVNT	3-DH1	2480	-43.26	-20	Pass

Test Graphs

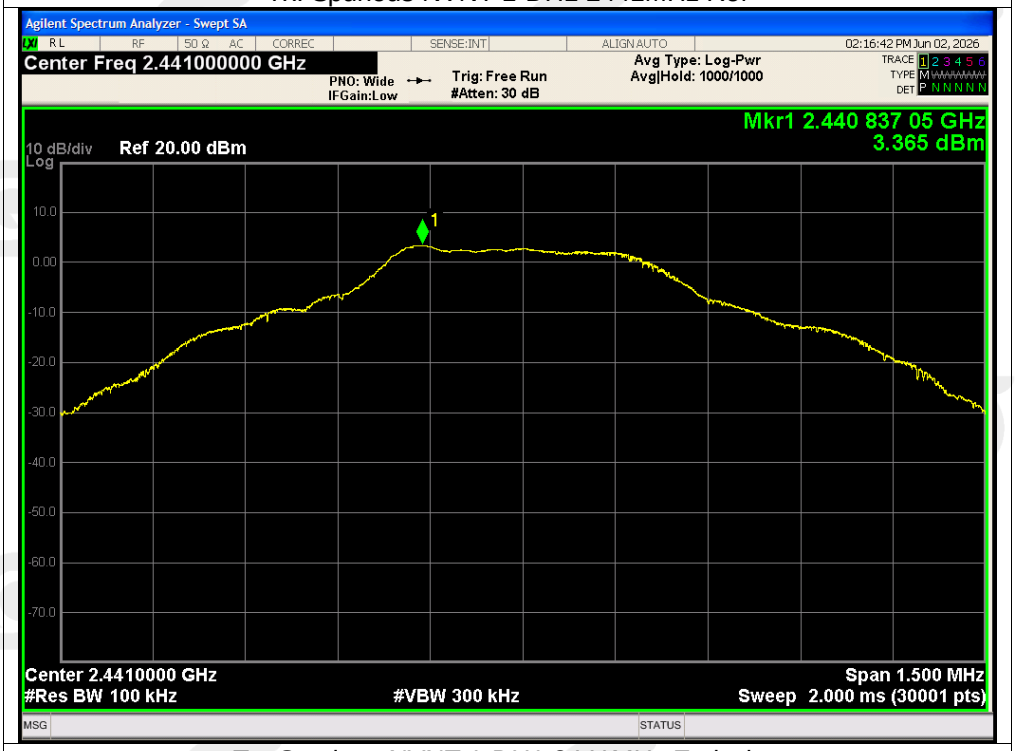
Tx. Spurious NVNT 1-DH1 2402MHz Ref



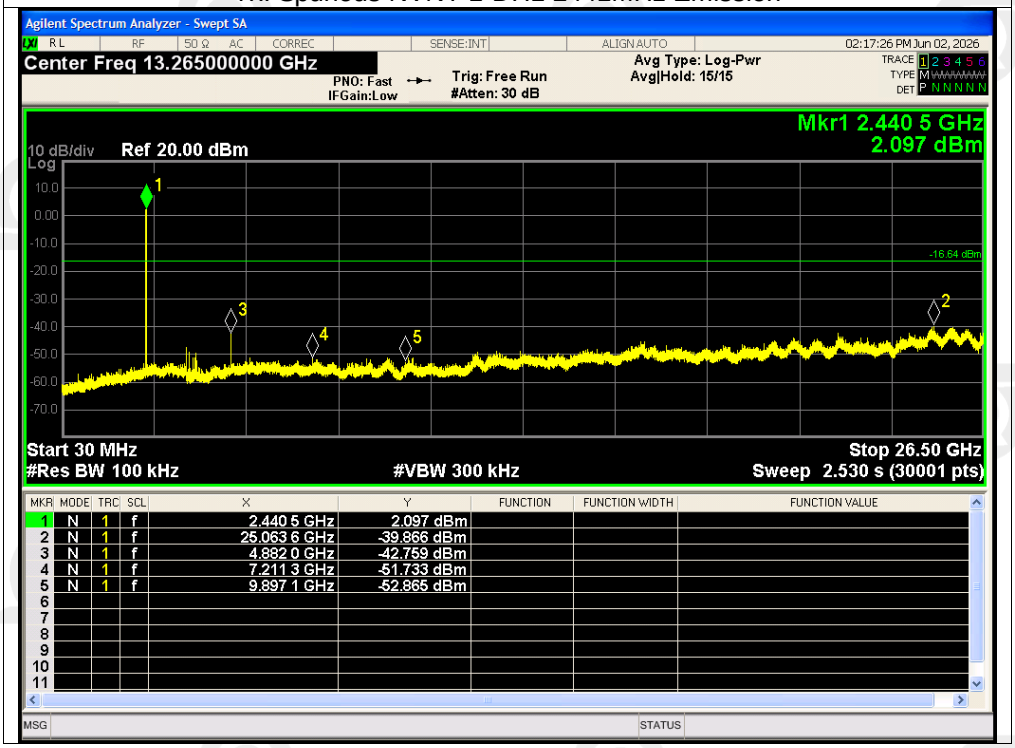
Tx. Spurious NVNT 1-DH1 2402MHz Emission



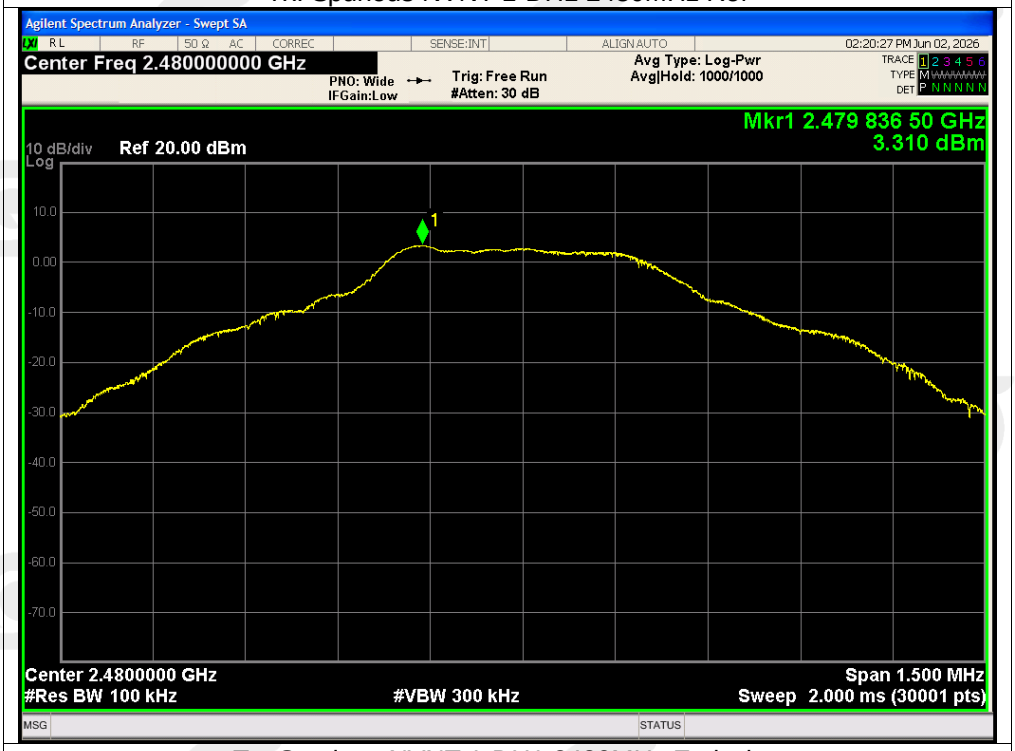
Tx. Spurious NVNT 1-DH1 2441MHz Ref



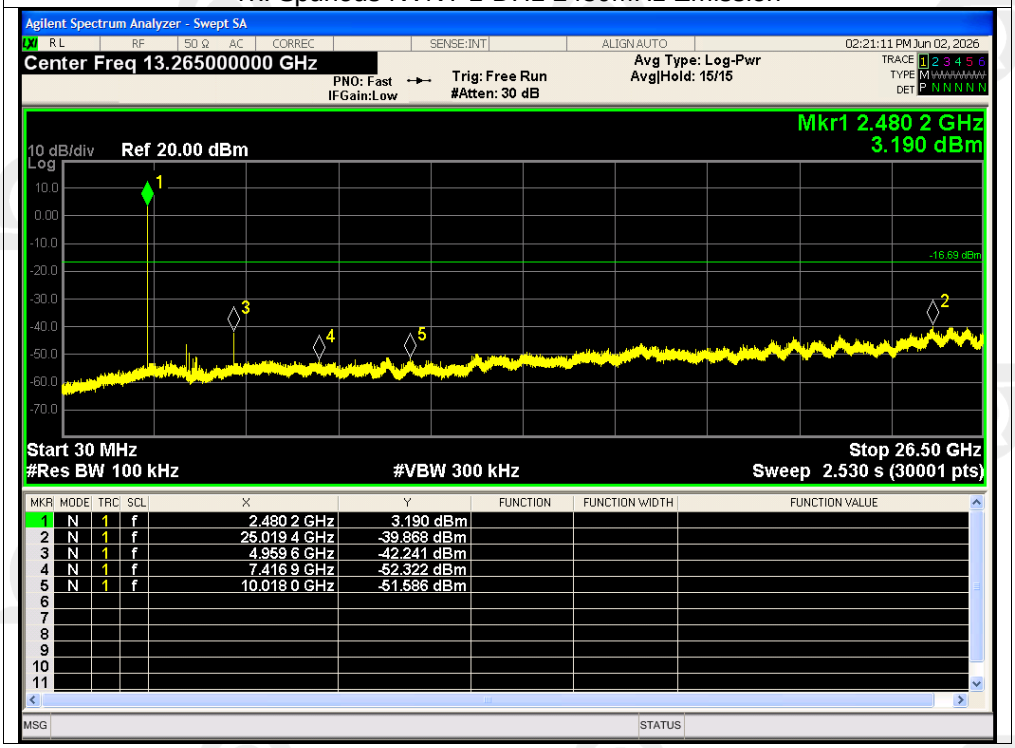
Tx. Spurious NVNT 1-DH1 2441MHz Emission



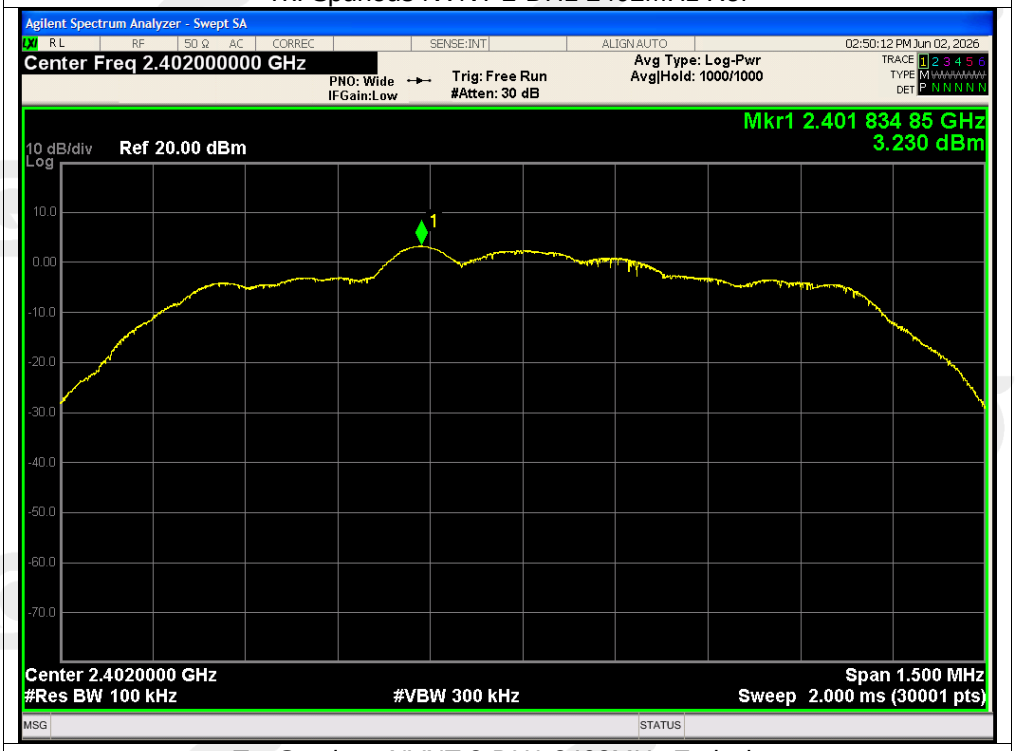
Tx. Spurious NVNT 1-DH1 2480MHz Ref



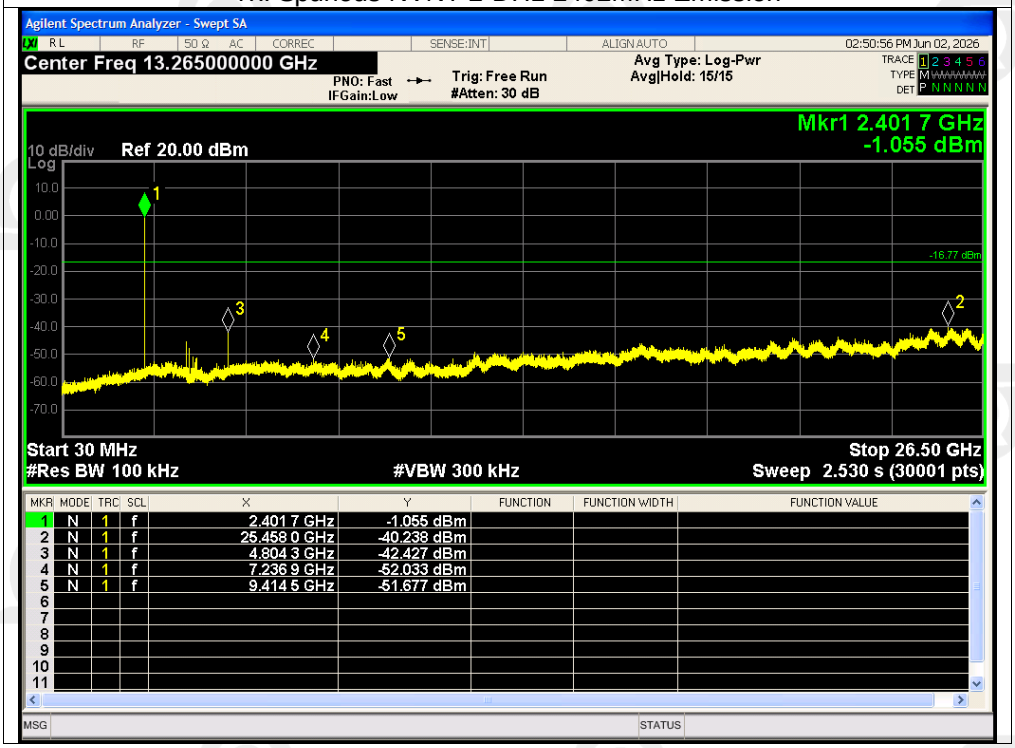
Tx. Spurious NVNT 1-DH1 2480MHz Emission



Tx. Spurious NVNT 2-DH1 2402MHz Ref

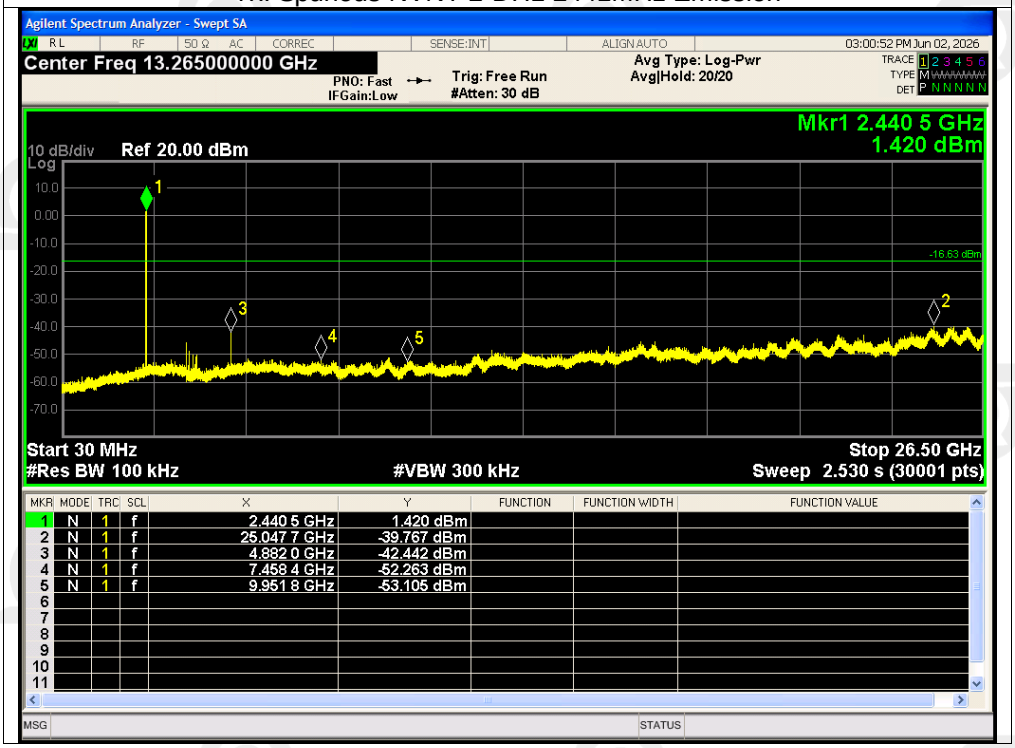


Tx. Spurious NVNT 2-DH1 2402MHz Emission

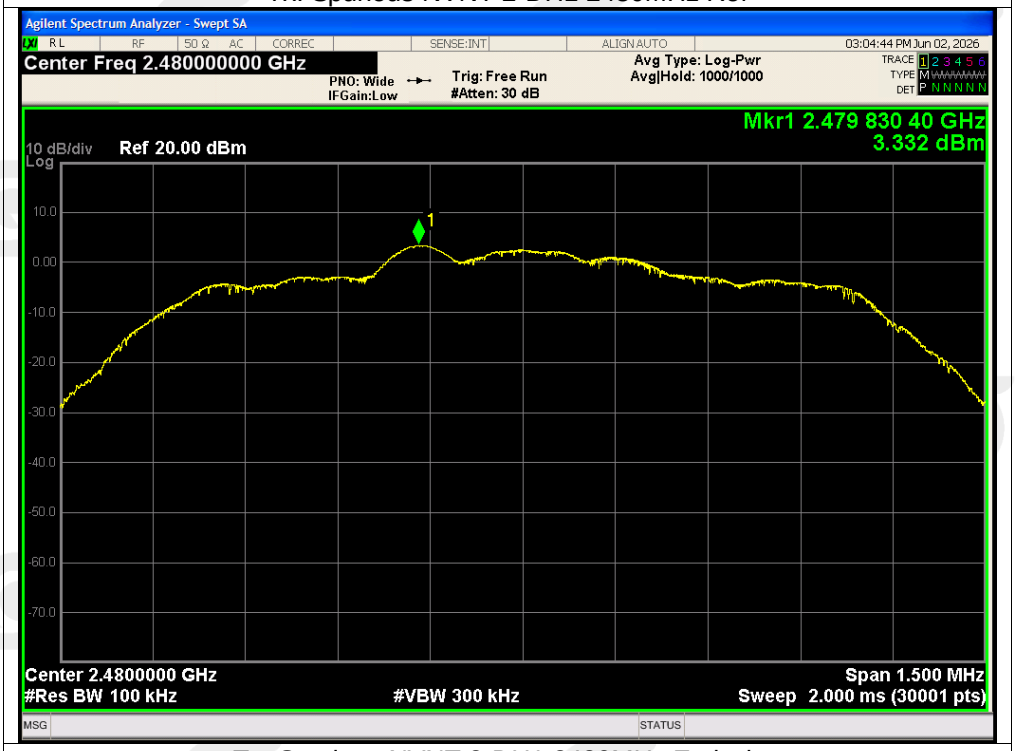


Tx. Spurious NVNT 2-DH1 2441MHz Ref

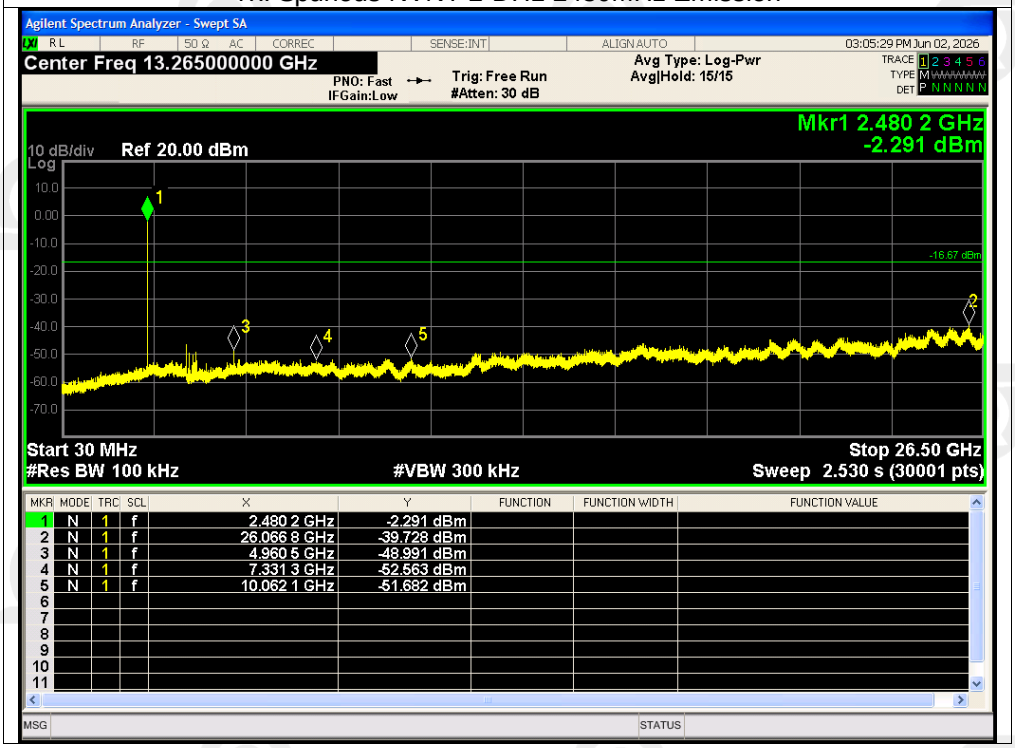
Tx. Spurious NVNT 2-DH1 2441MHz Emission



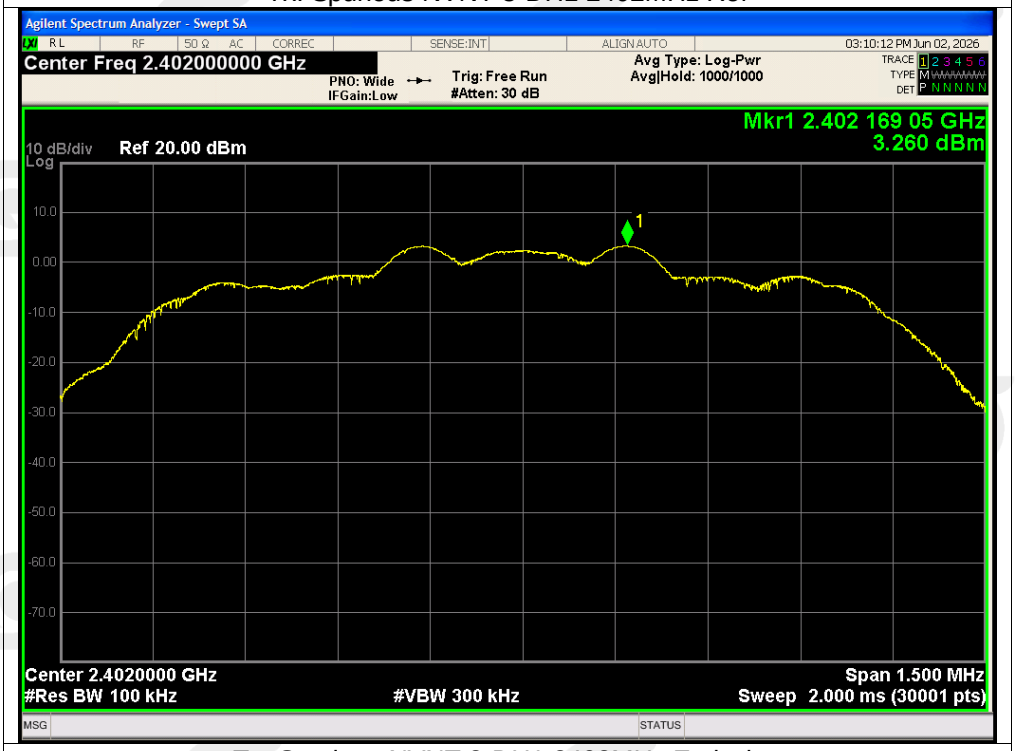
Tx. Spurious NVNT 2-DH1 2480MHz Ref



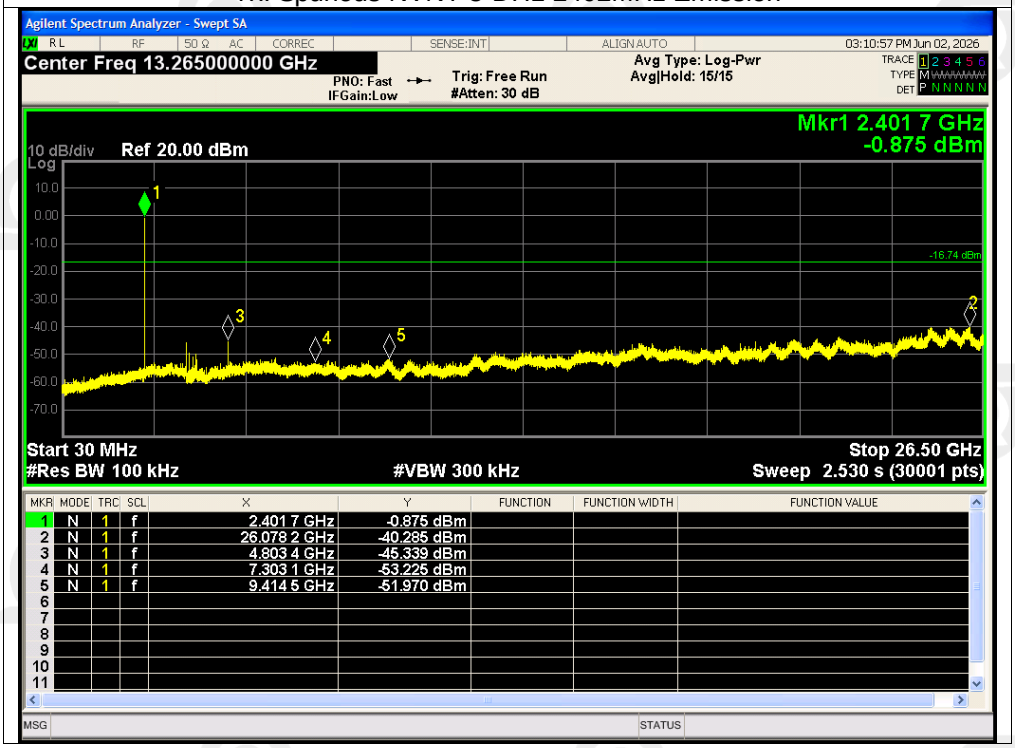
Tx. Spurious NVNT 2-DH1 2480MHz Emission



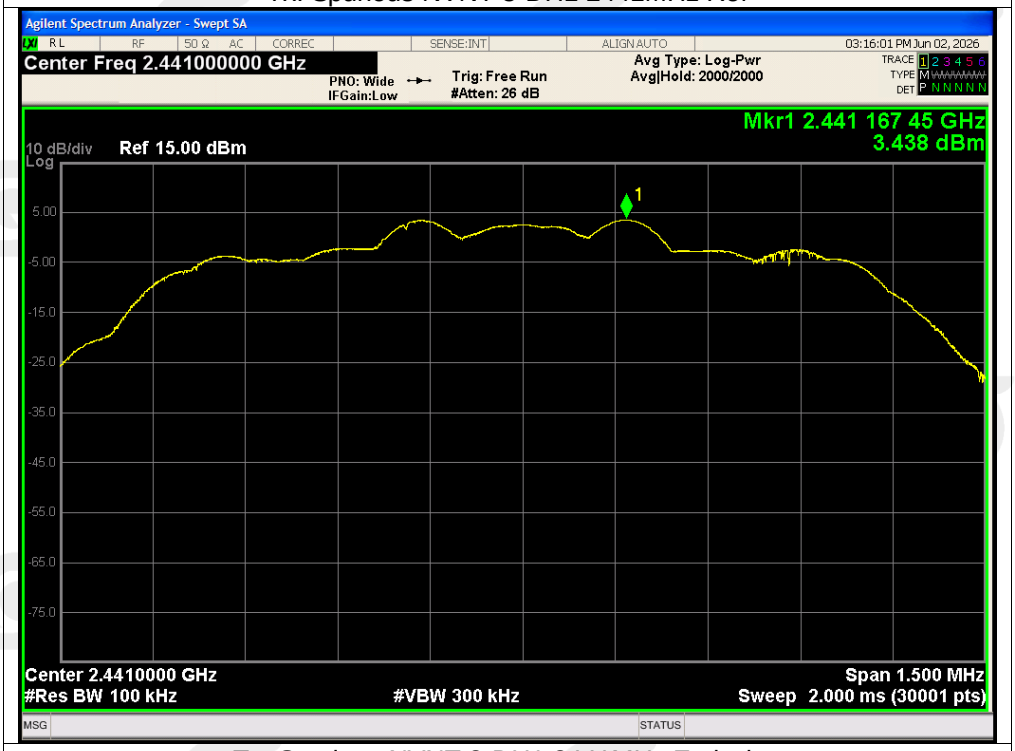
Tx. Spurious NVNT 3-DH1 2402MHz Ref



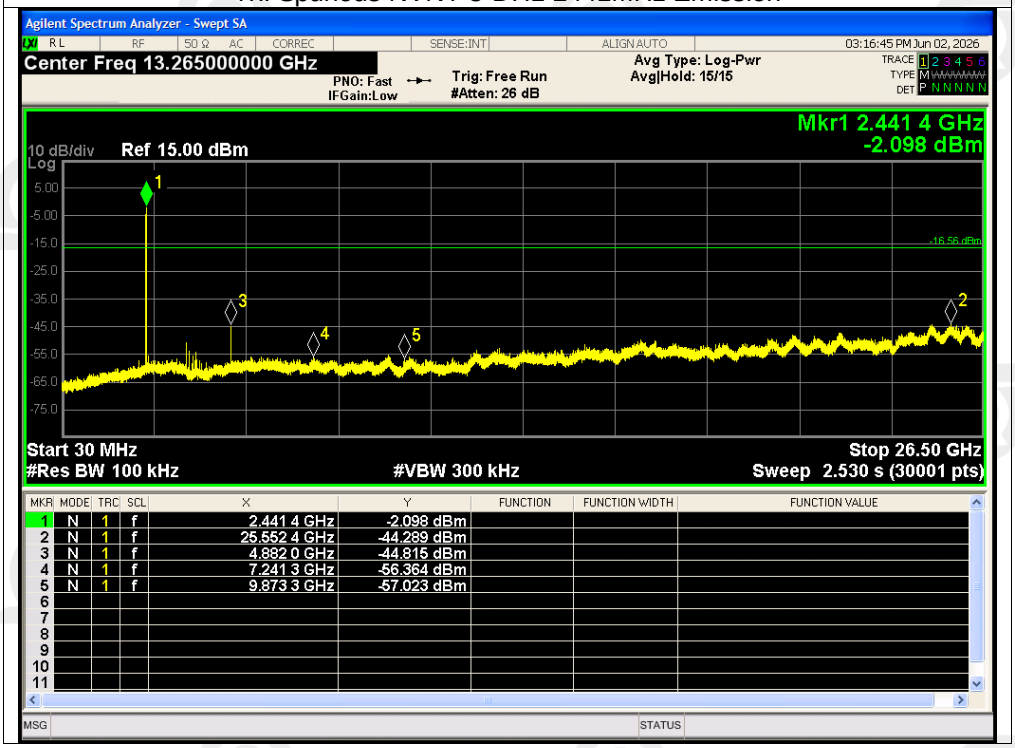
Tx. Spurious NVNT 3-DH1 2402MHz Emission



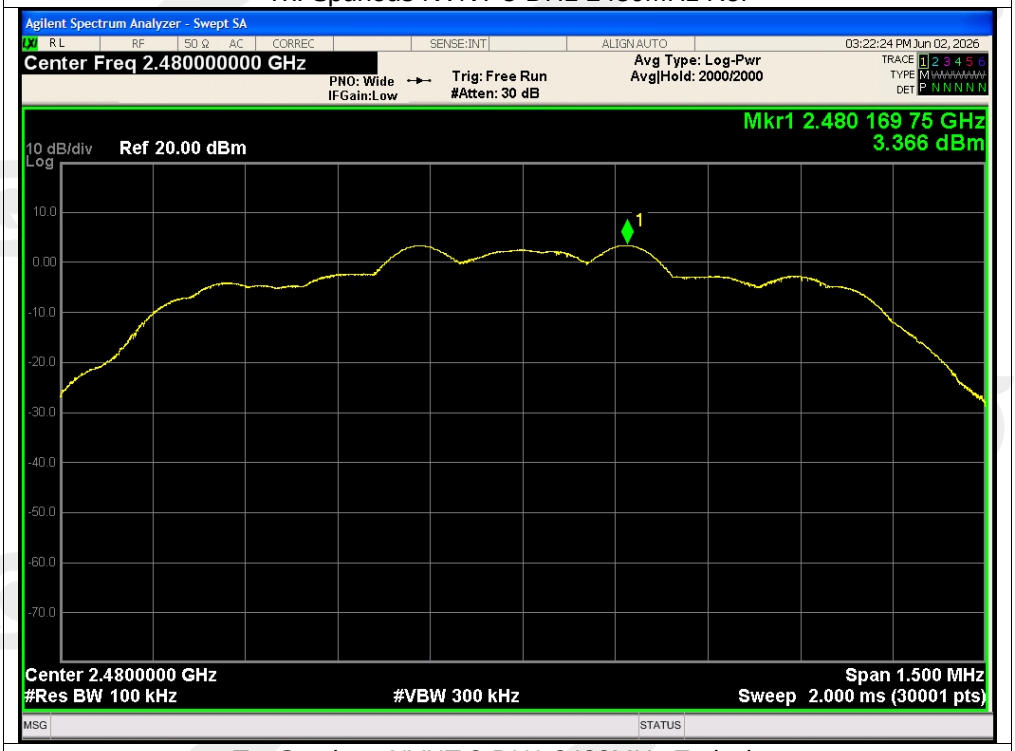
Tx. Spurious NVNT 3-DH1 2441MHz Ref



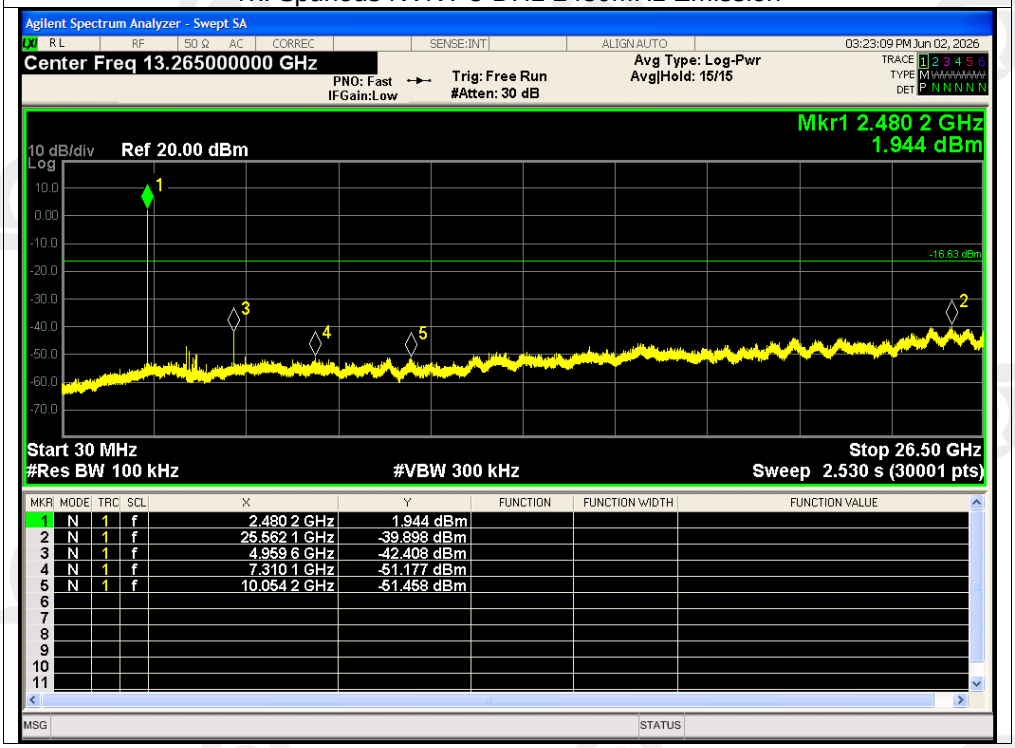
Tx. Spurious NVNT 3-DH1 2441MHz Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ref



Tx. Spurious NVNT 3-DH1 2480MHz Emission

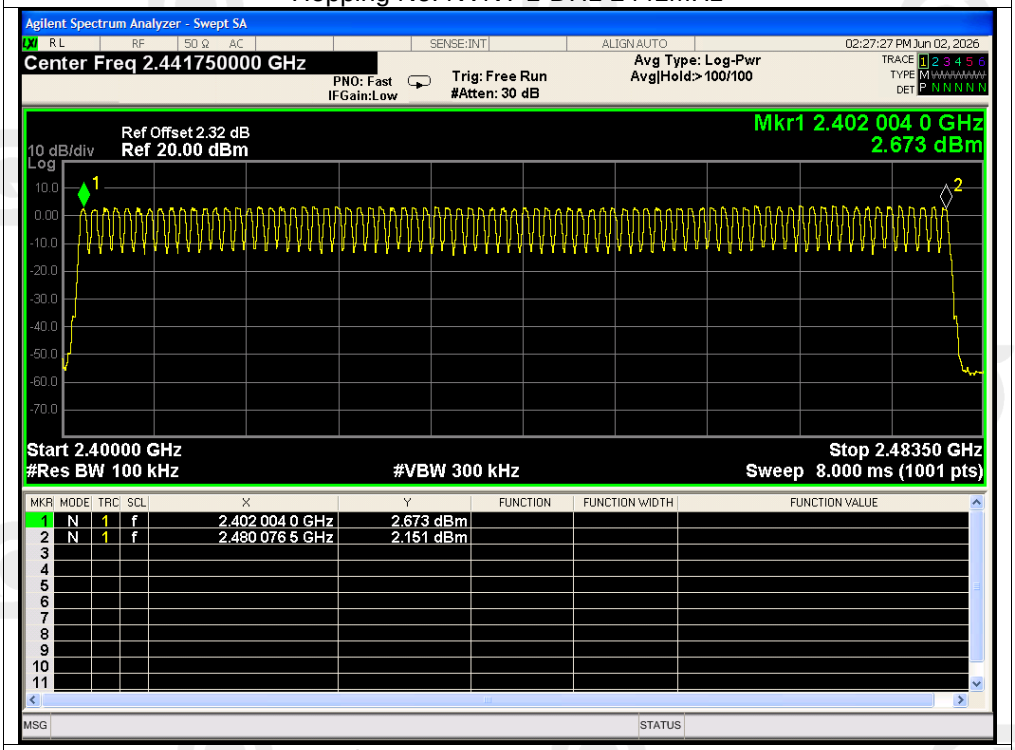


Number of Hopping Channel

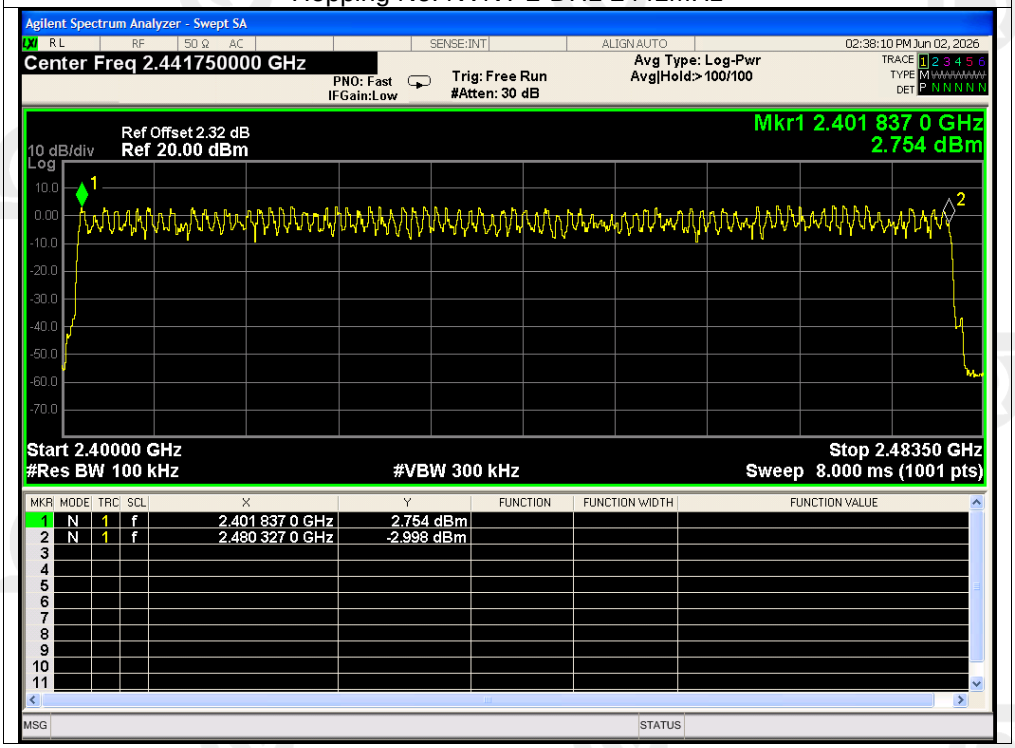
Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH1	79	15	Pass
NVNT	2-DH1	79	15	Pass
NVNT	3-DH1	79	15	Pass

Test Graphs

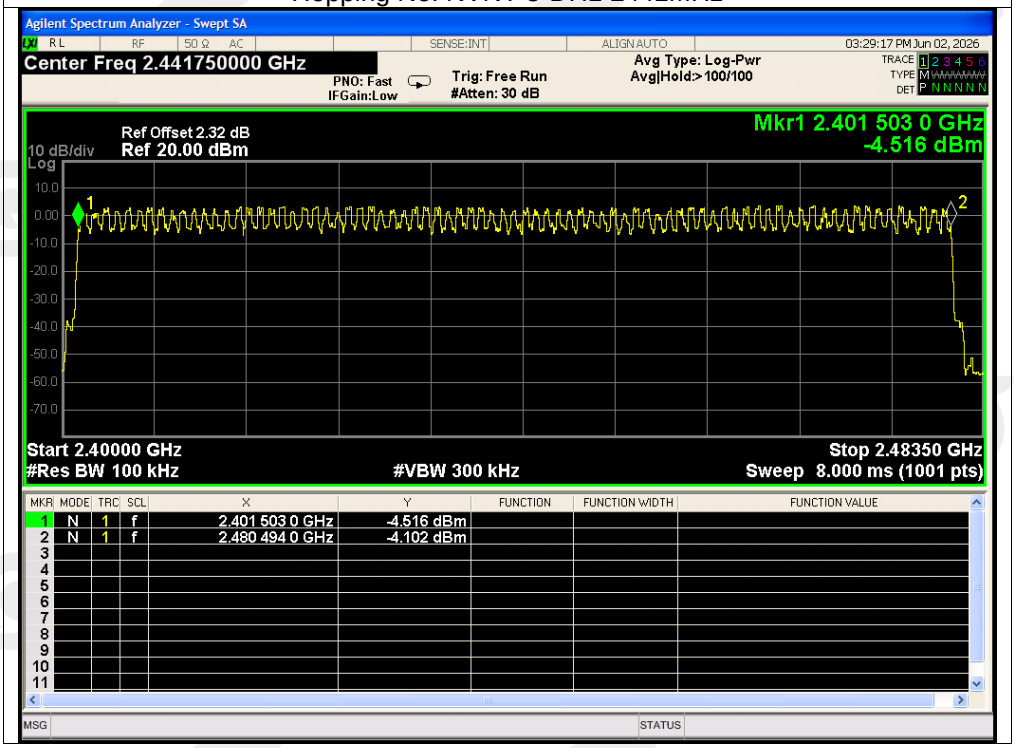
Hopping No. NVNT 1-DH1 2441MHz



Hopping No. NVNT 2-DH1 2441MHz



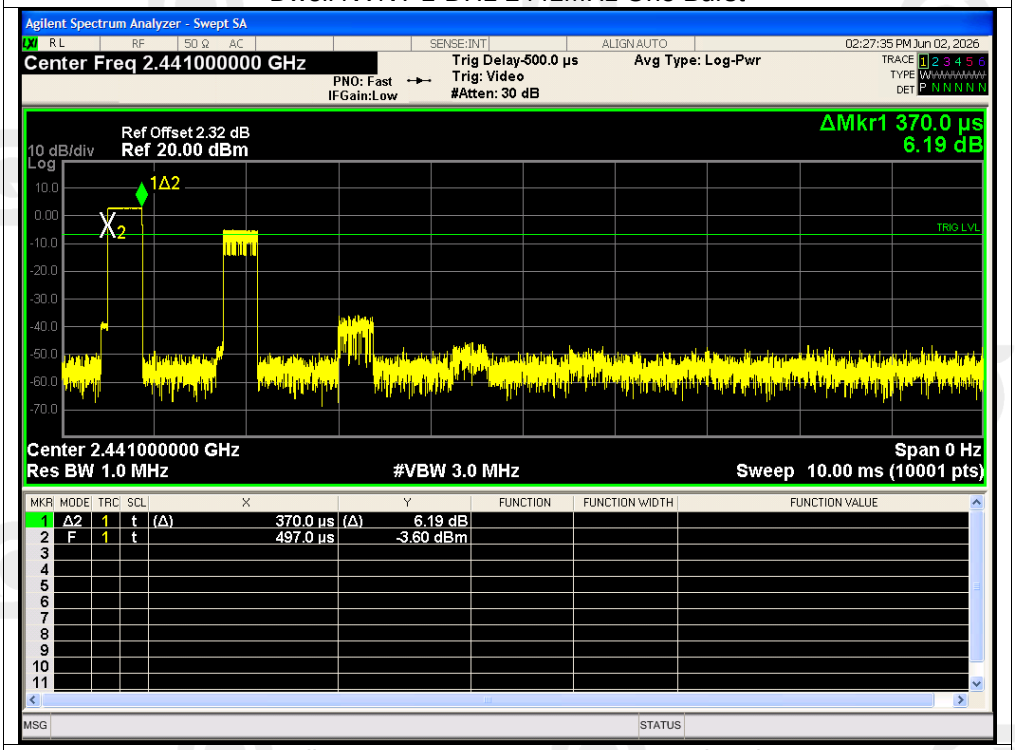
Hopping No. NVNT 3-DH1 2441MHz



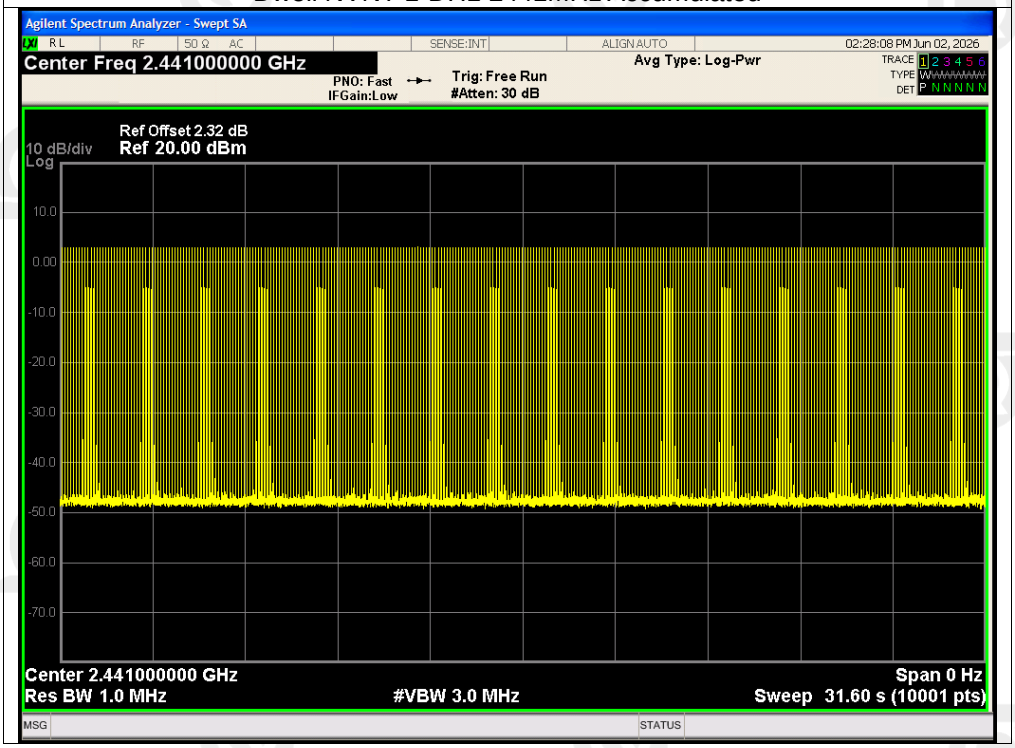
Dwell Time

Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.37	118.03	319	31600	400	Pass
NVNT	1-DH3	2441	1.62	257.58	159	31600	400	Pass
NVNT	1-DH5	2441	2.87	307.09	107	31600	400	Pass
NVNT	2-DH1	2441	0.37	118.03	319	31600	400	Pass
NVNT	2-DH3	2441	1.63	260.80	160	31600	400	Pass
NVNT	2-DH5	2441	2.88	305.28	106	31600	400	Pass
NVNT	3-DH1	2441	0.37	118.03	319	31600	400	Pass
NVNT	3-DH3	2441	1.63	262.43	161	31600	400	Pass
NVNT	3-DH5	2441	2.88	305.28	106	31600	400	Pass

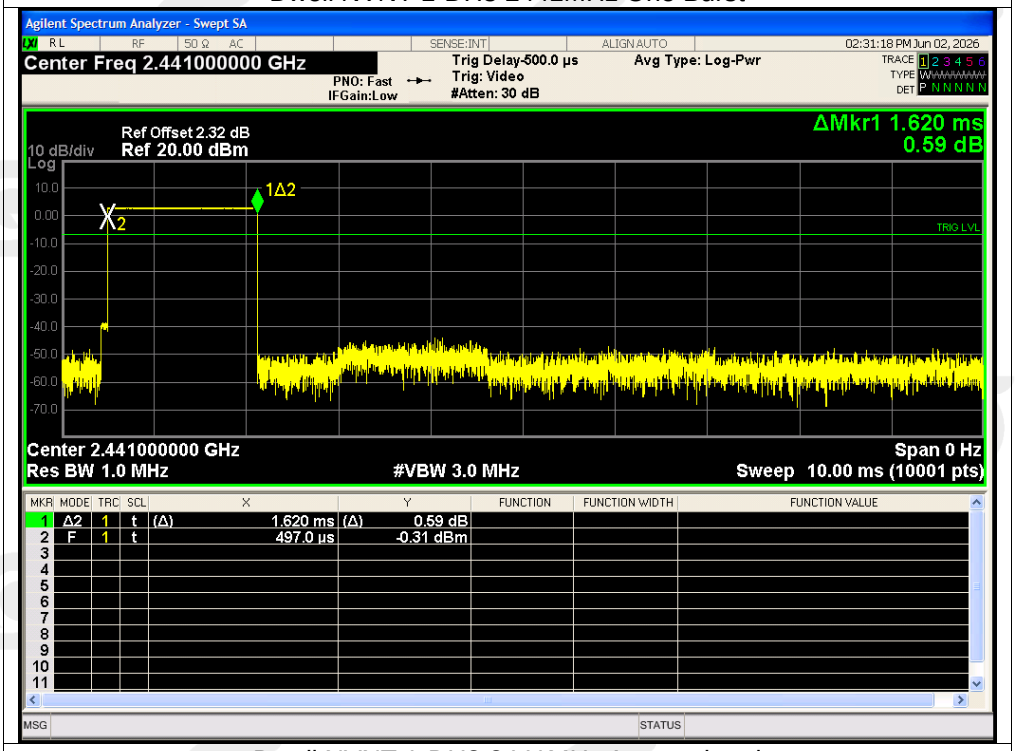
Test Graphs
Dwell NVNT 1-DH1 2441MHz One Burst



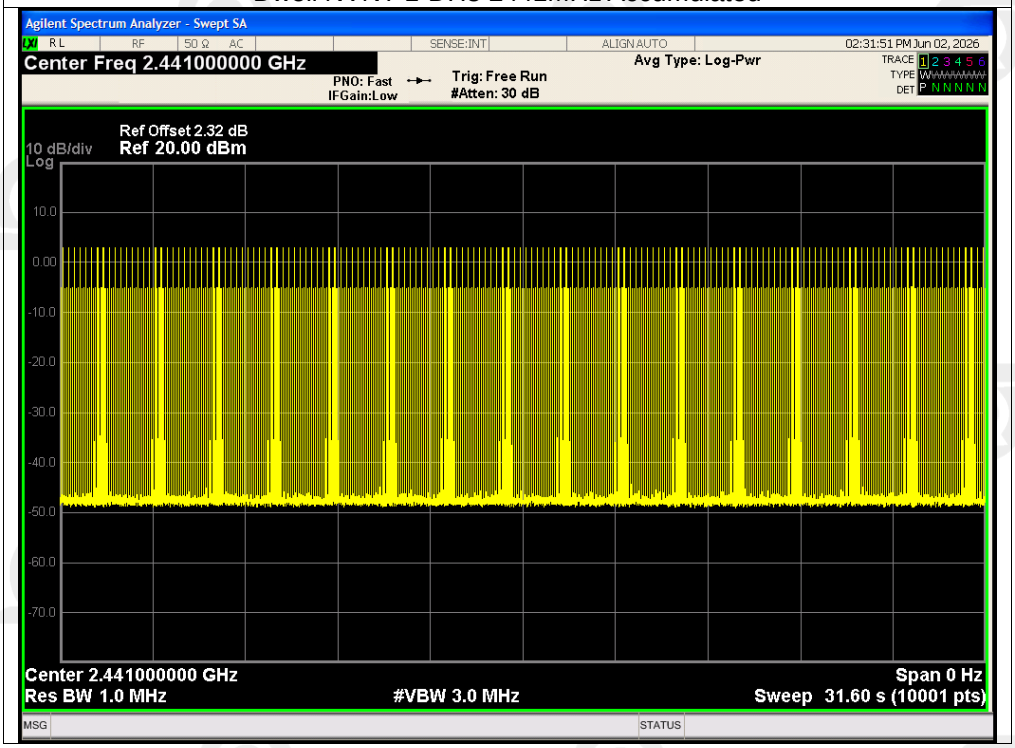
Dwell NVNT 1-DH1 2441MHz Accumulated



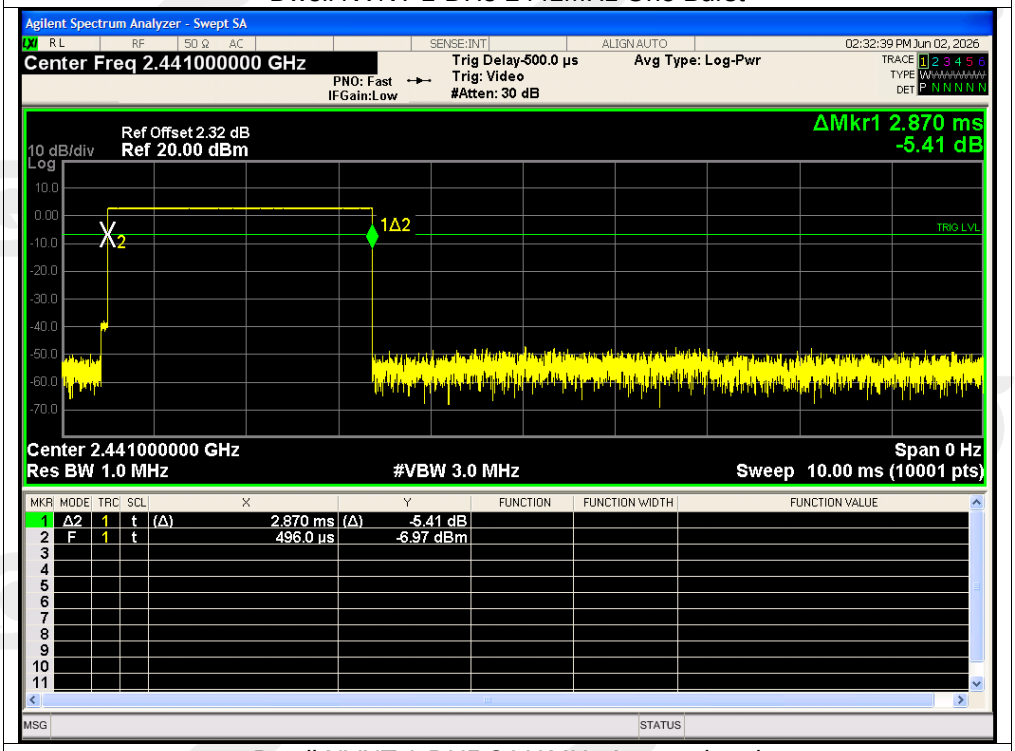
Dwell NVNT 1-DH3 2441MHz One Burst



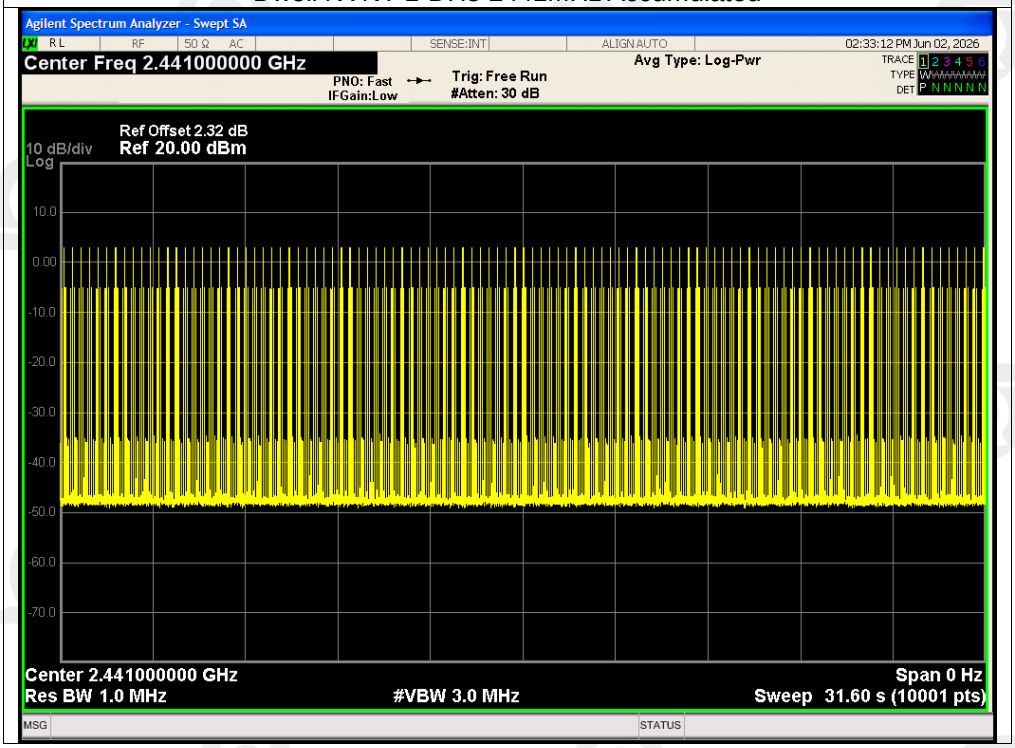
Dwell NVNT 1-DH3 2441MHz Accumulated



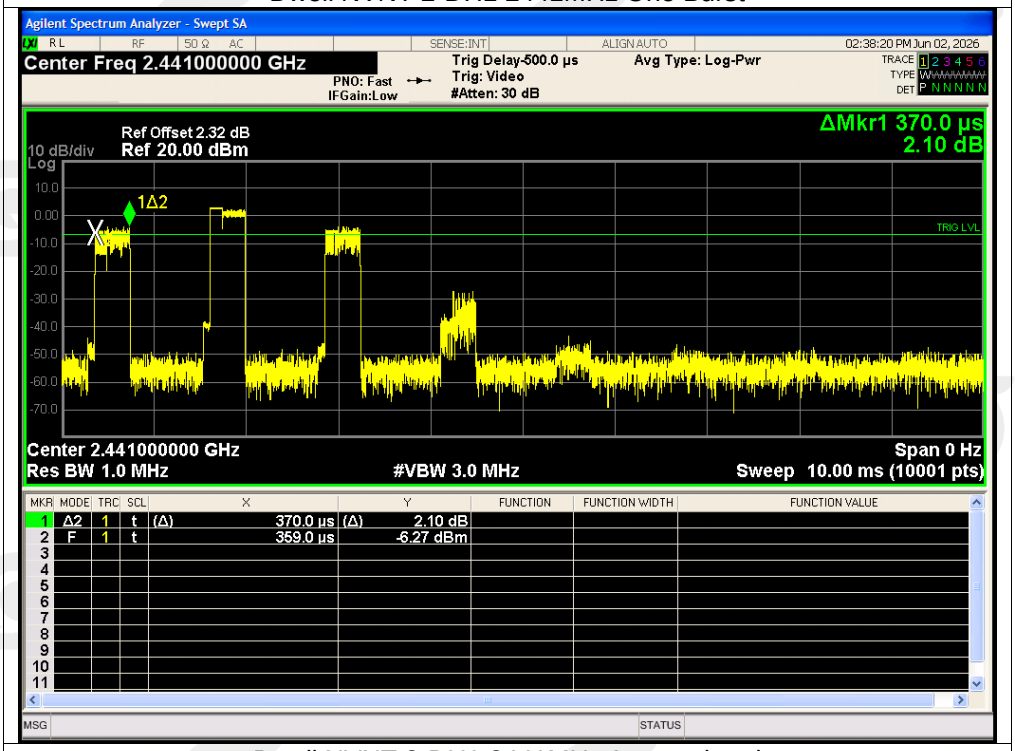
Dwell NVNT 1-DH5 2441MHz One Burst



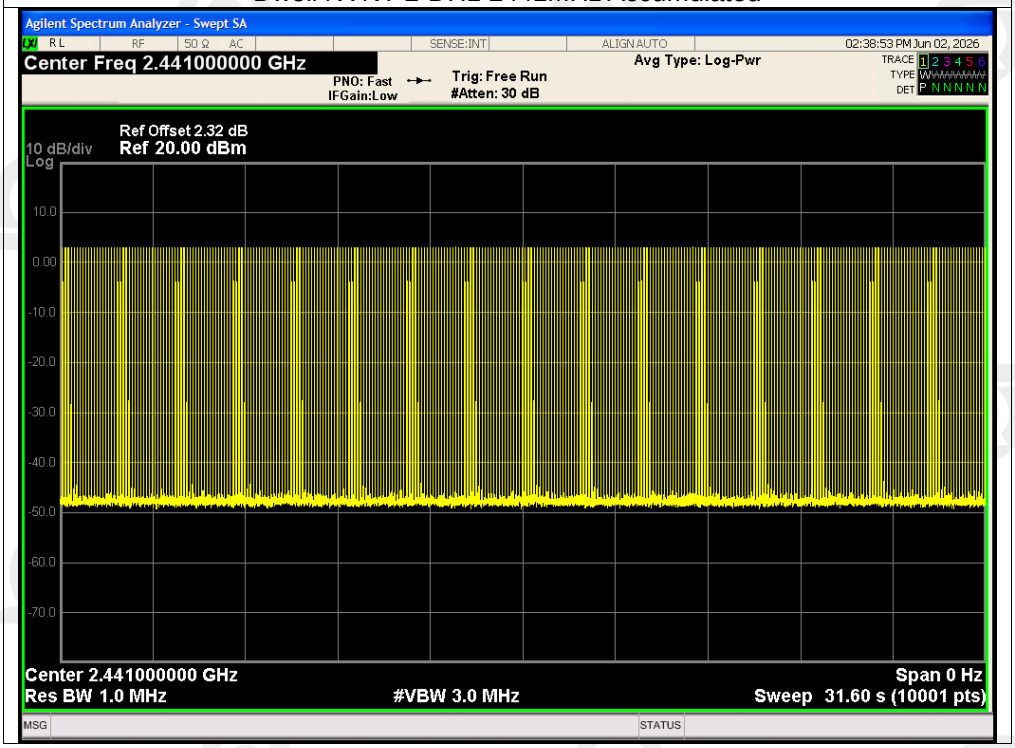
Dwell NVNT 1-DH5 2441MHz Accumulated



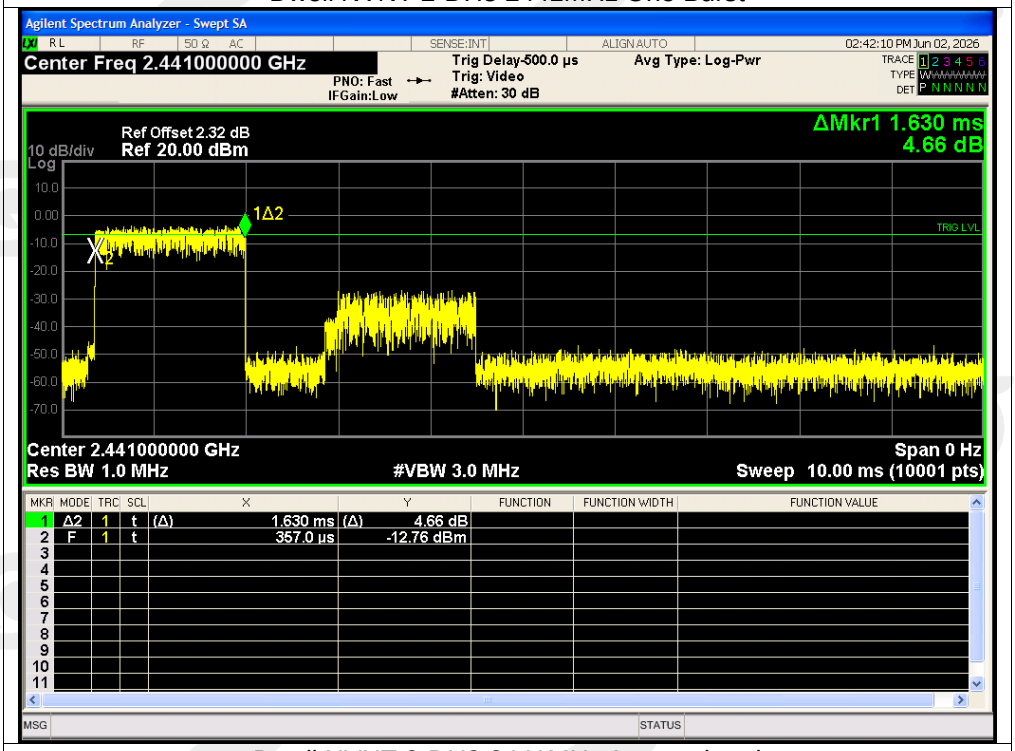
Dwell NVNT 2-DH1 2441MHz One Burst



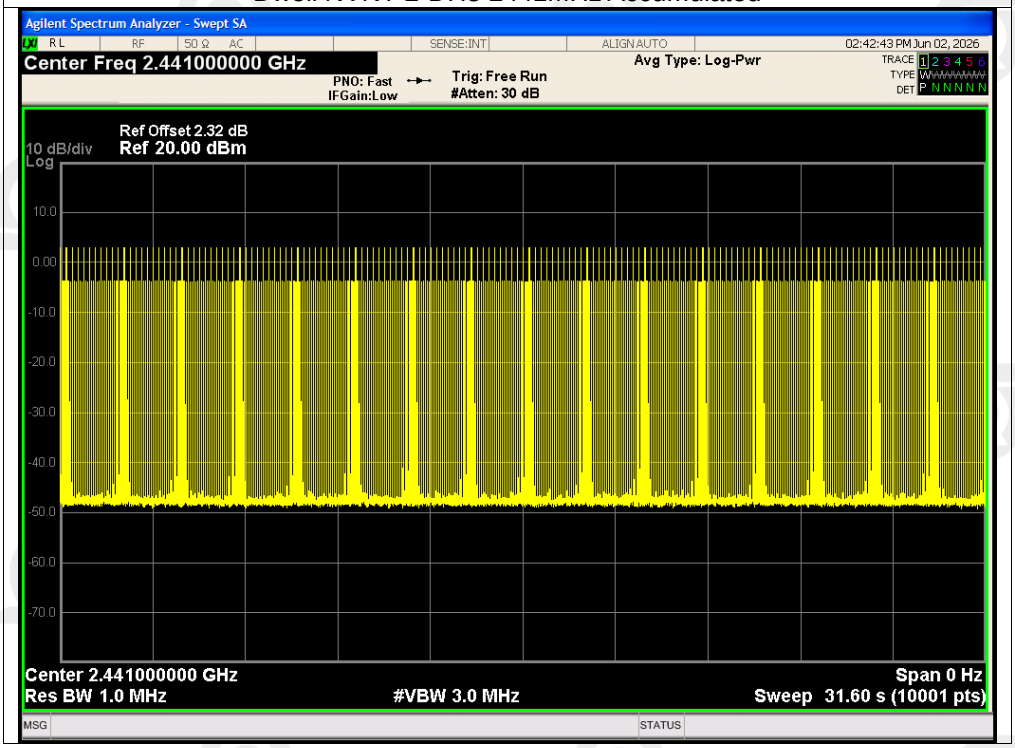
Dwell NVNT 2-DH1 2441MHz Accumulated



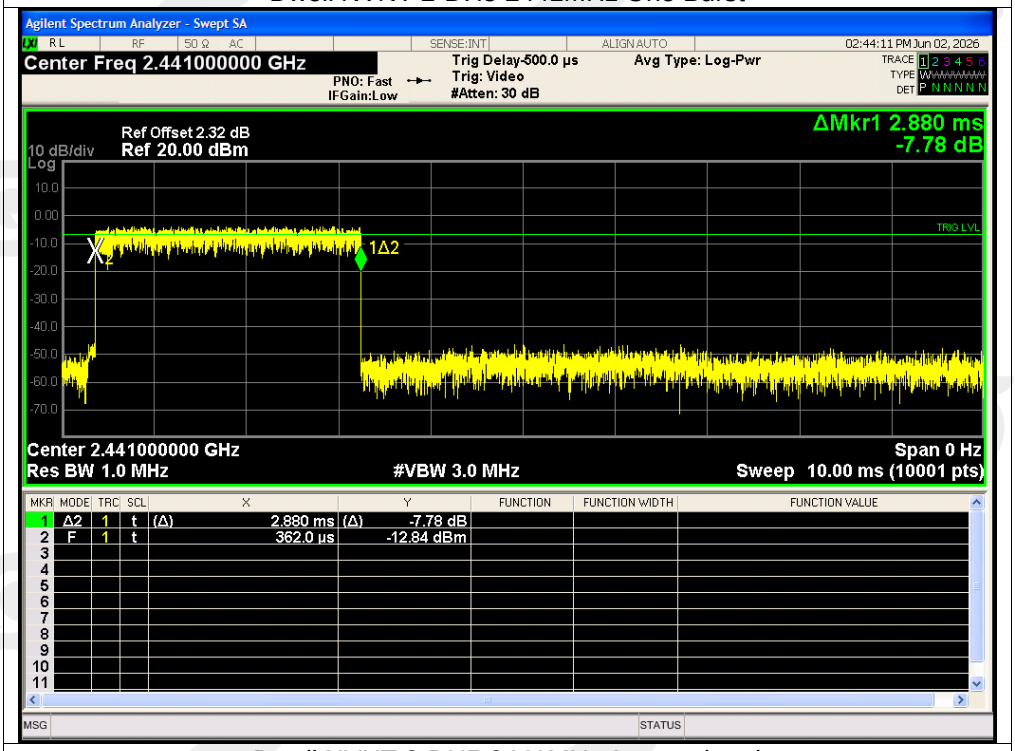
Dwell NVNT 2-DH3 2441MHz One Burst



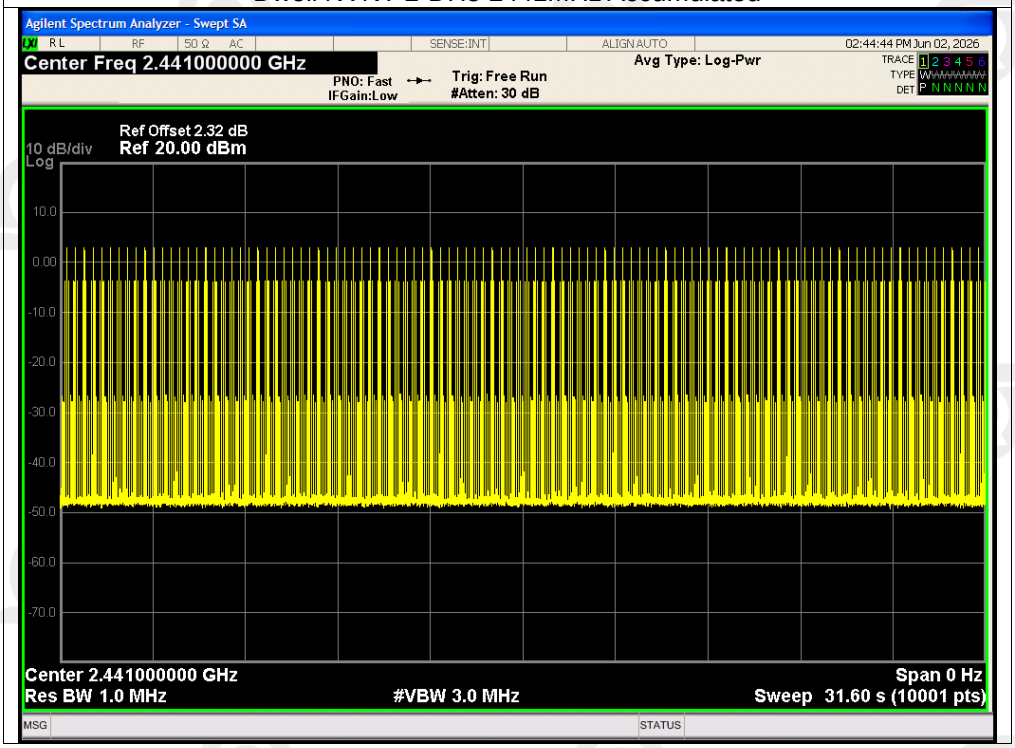
Dwell NVNT 2-DH3 2441MHz Accumulated



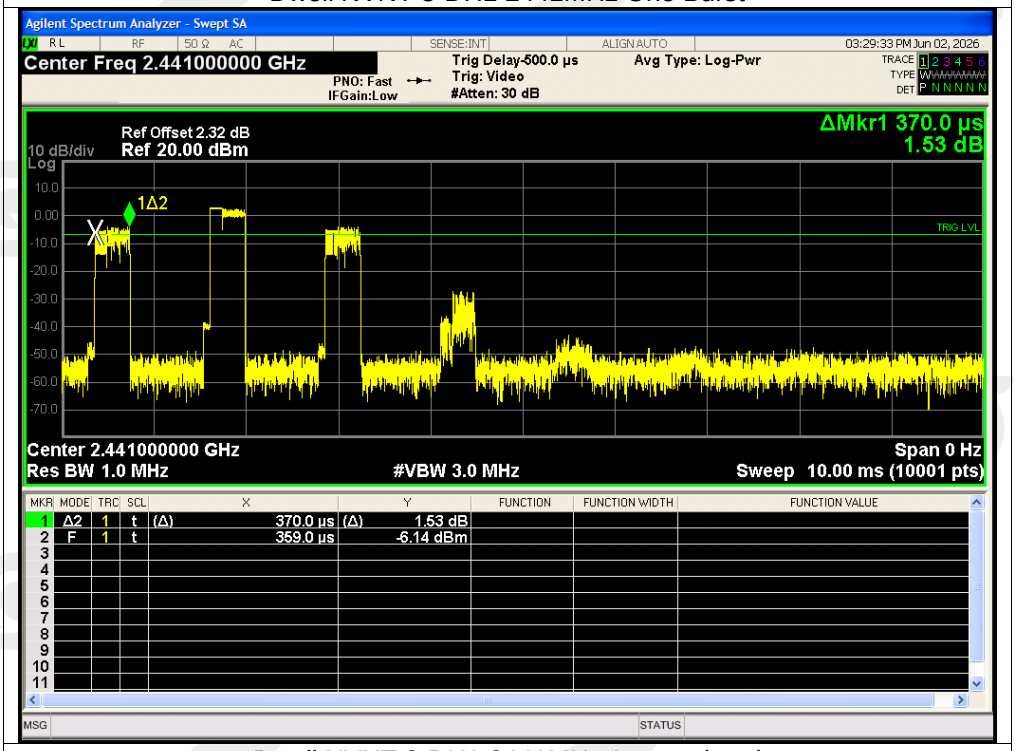
Dwell NVNT 2-DH5 2441MHz One Burst



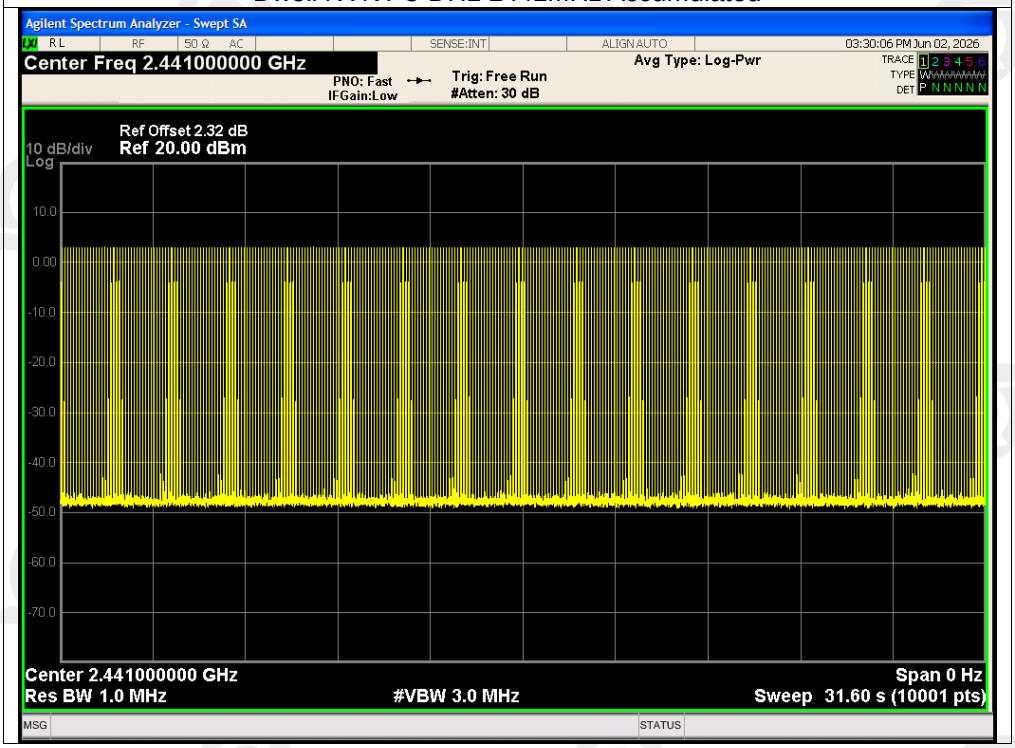
Dwell NVNT 2-DH5 2441MHz Accumulated



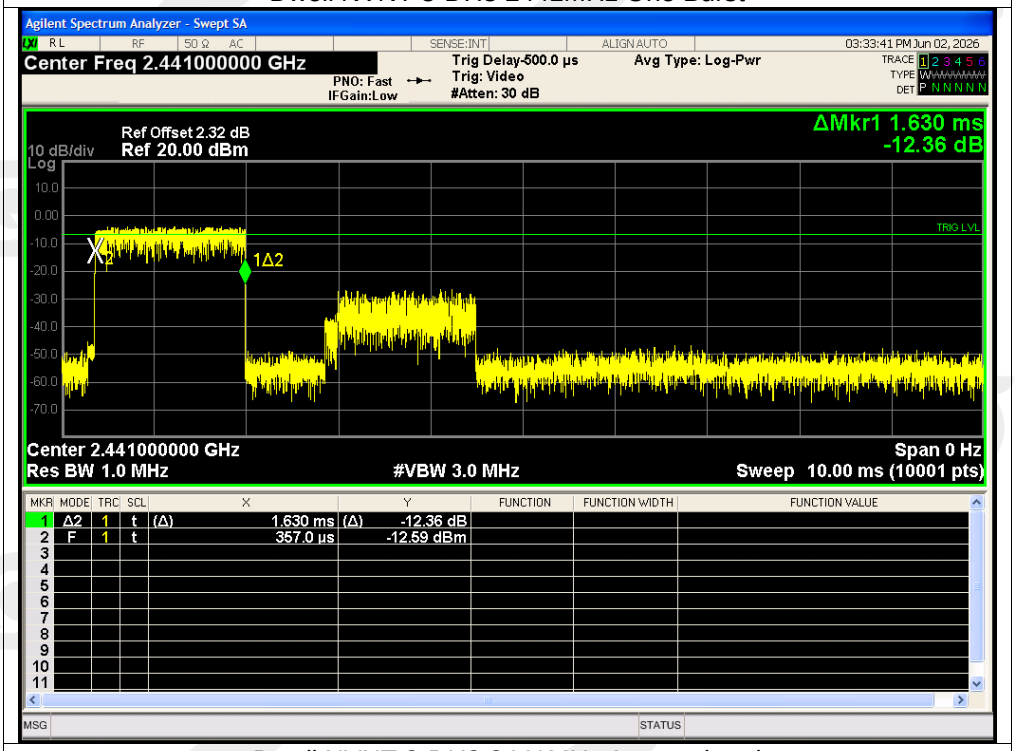
Dwell NVNT 3-DH1 2441MHz One Burst



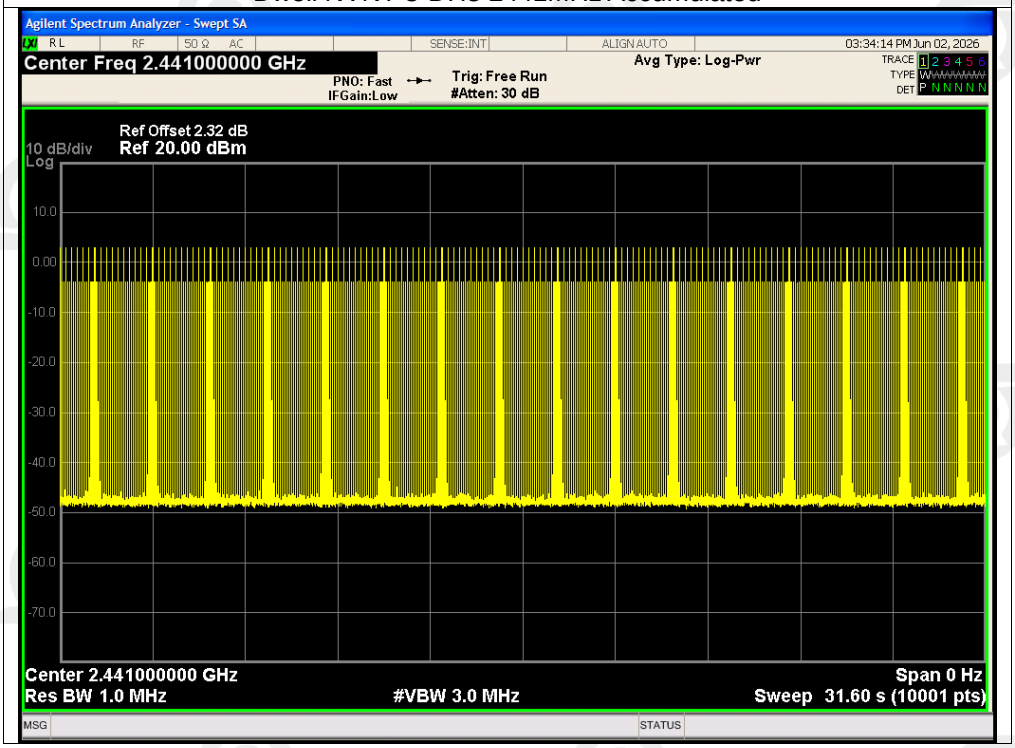
Dwell NVNT 3-DH1 2441MHz Accumulated



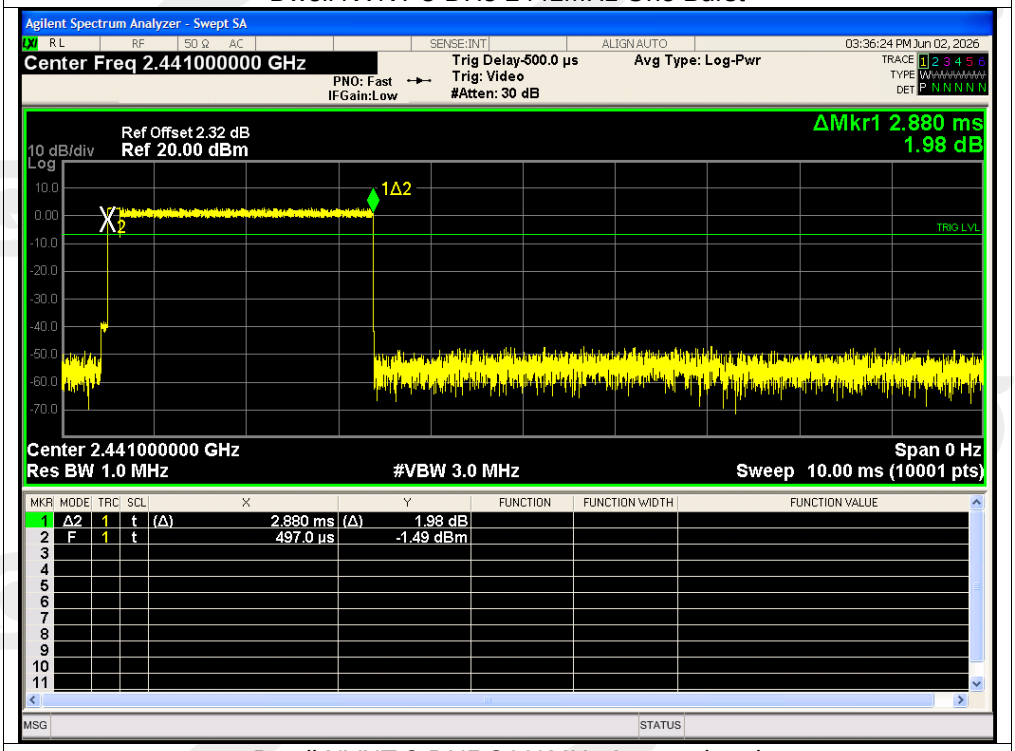
Dwell NVNT 3-DH3 2441MHz One Burst



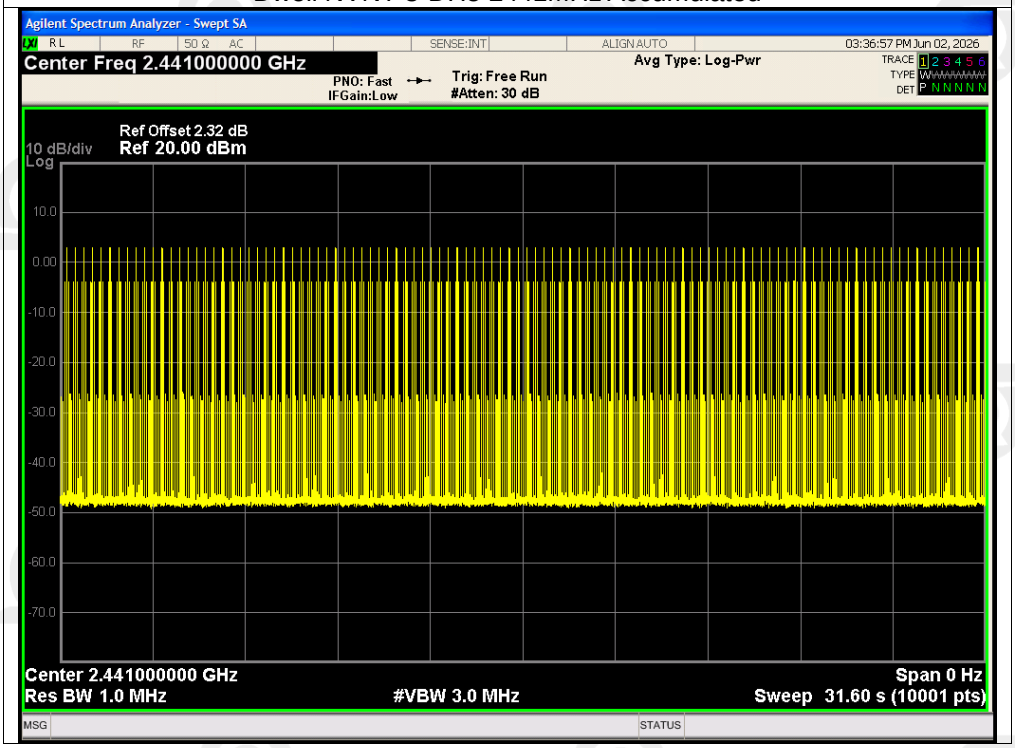
Dwell NVNT 3-DH3 2441MHz Accumulated



Dwell NVNT 3-DH5 2441MHz One Burst



Dwell NVNT 3-DH5 2441MHz Accumulated



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