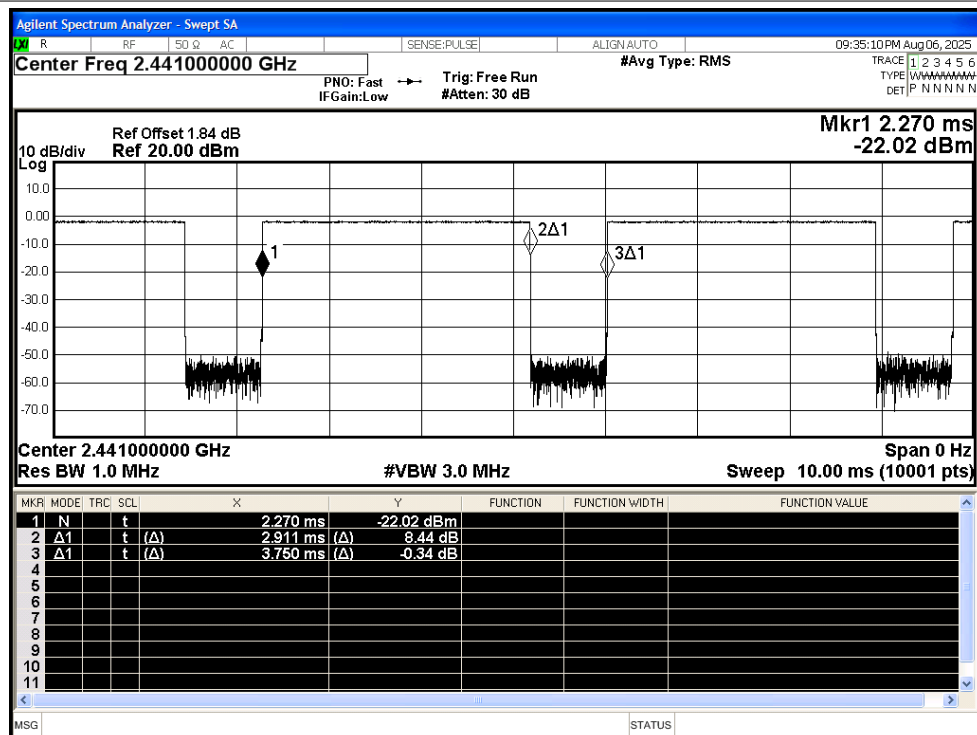
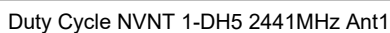


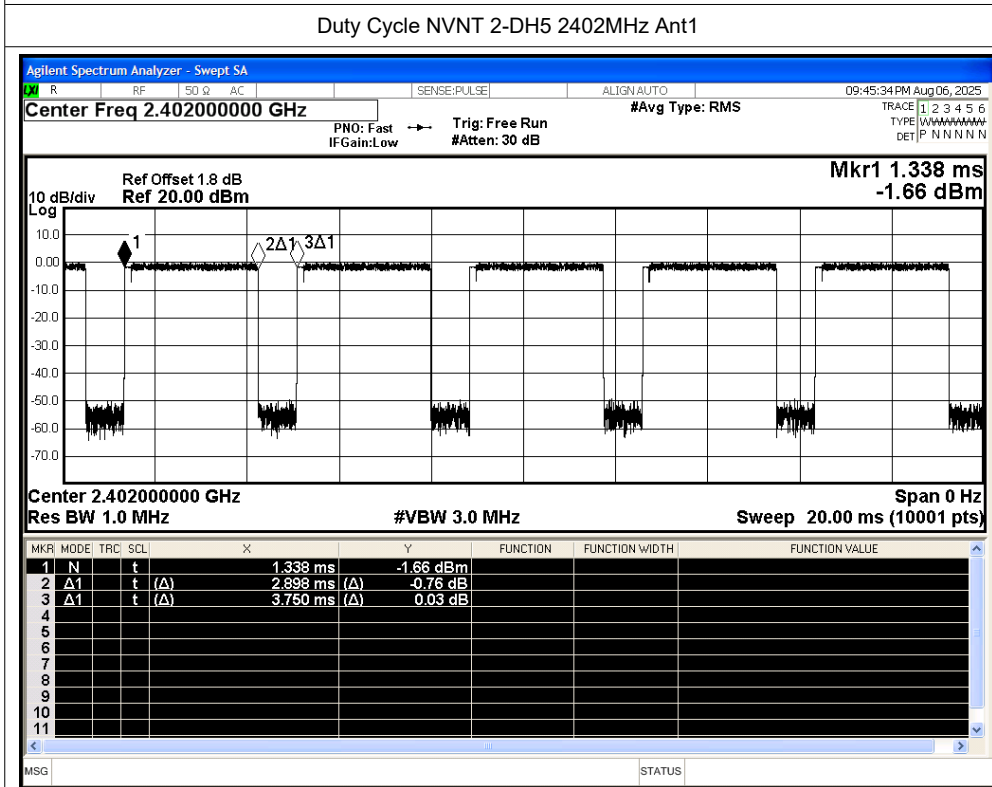
Appendix RF test data for BT

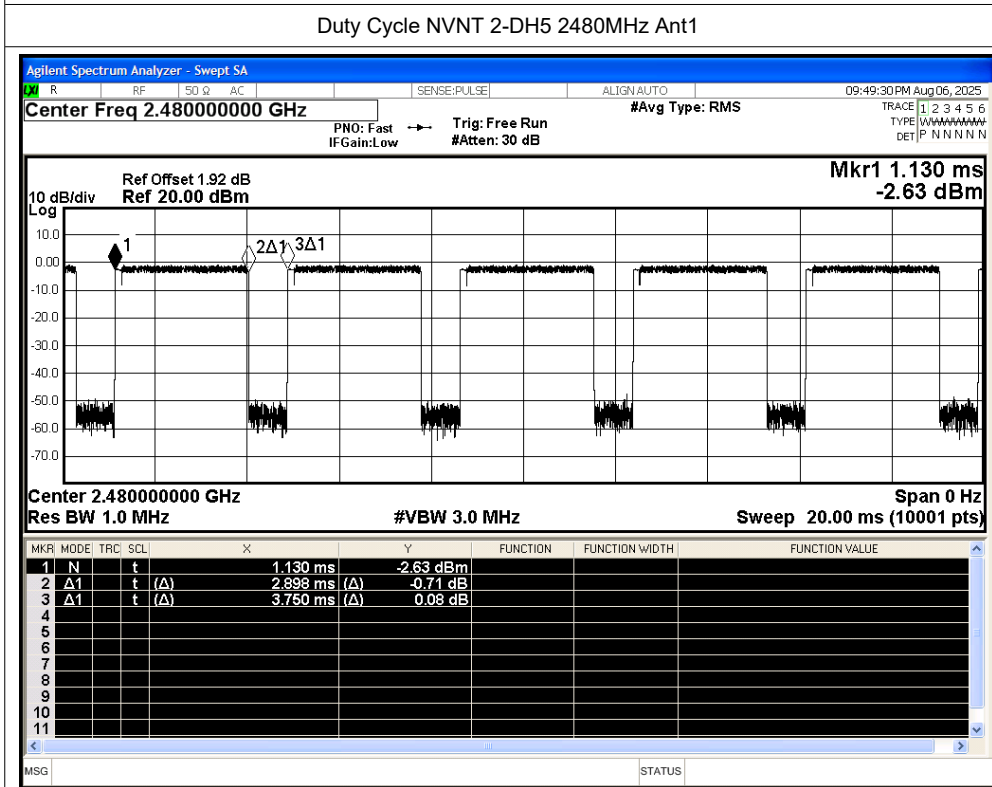
Duty Cycle

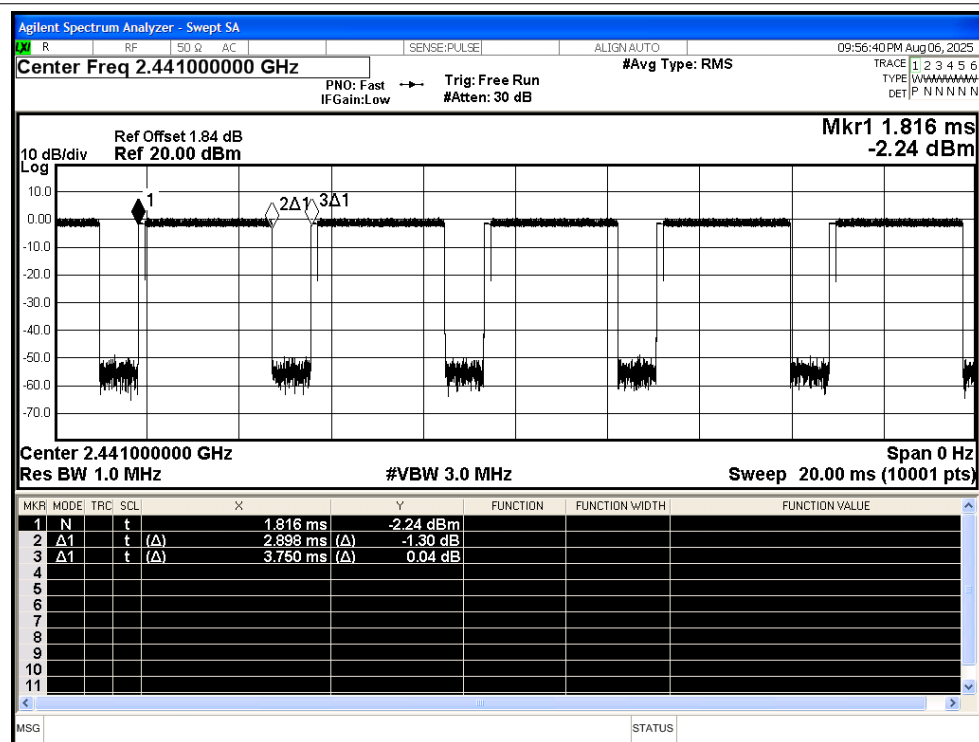
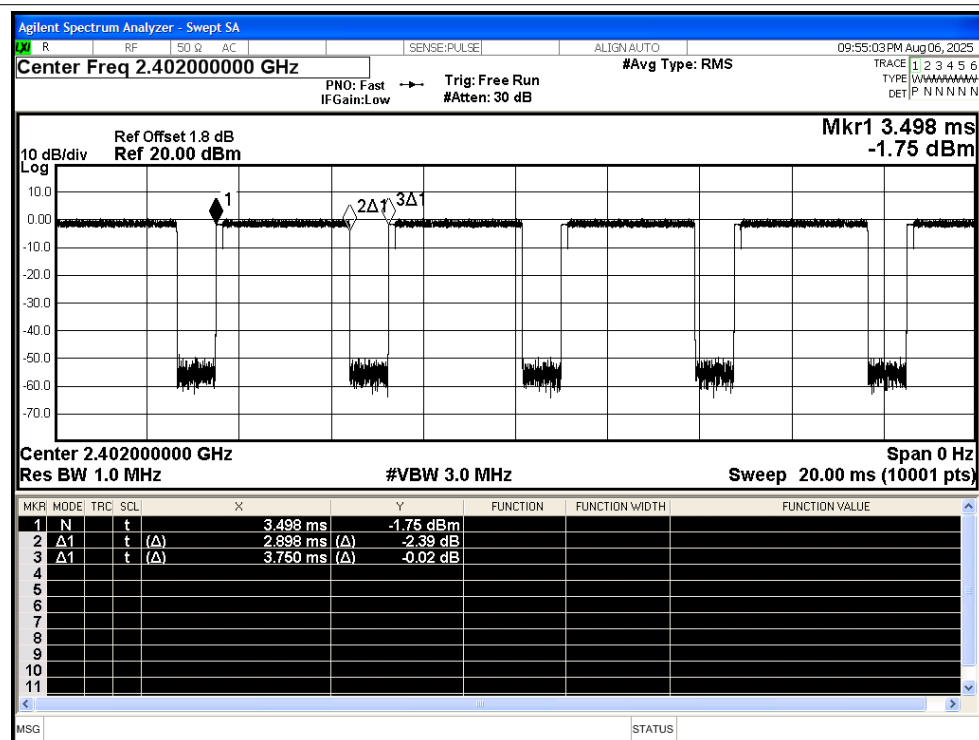
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.63	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2480	Ant1	77.28	1.12	0.35

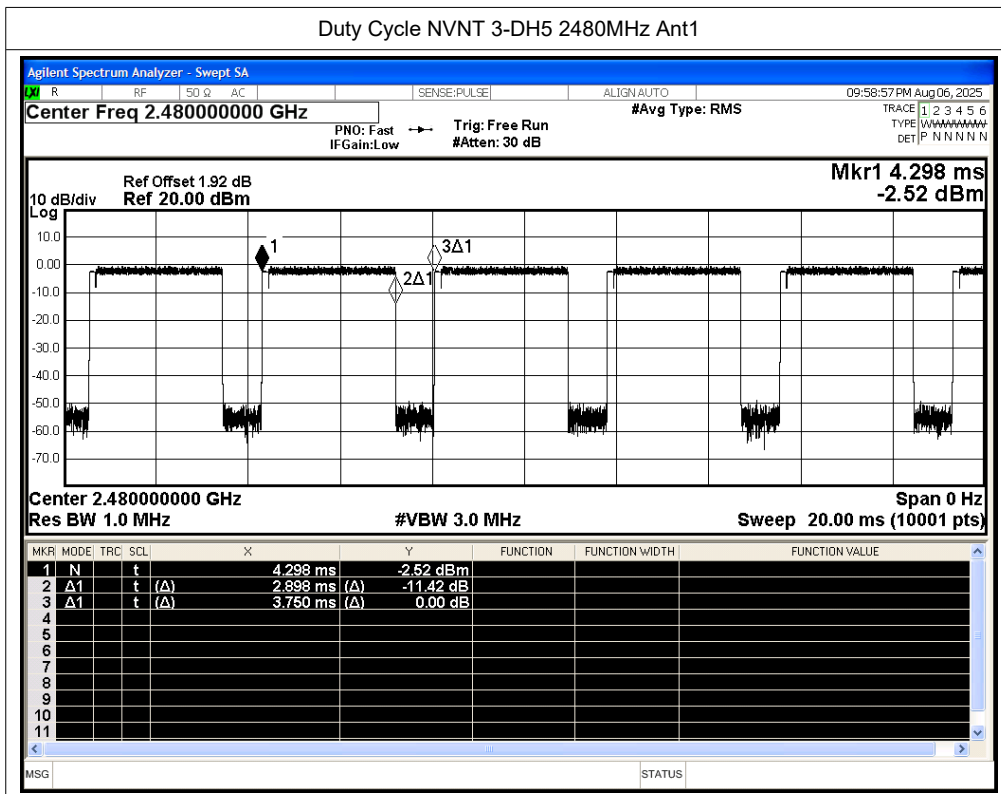
Duty Cycle NVNT 1-DH5 2402MHz Ant1









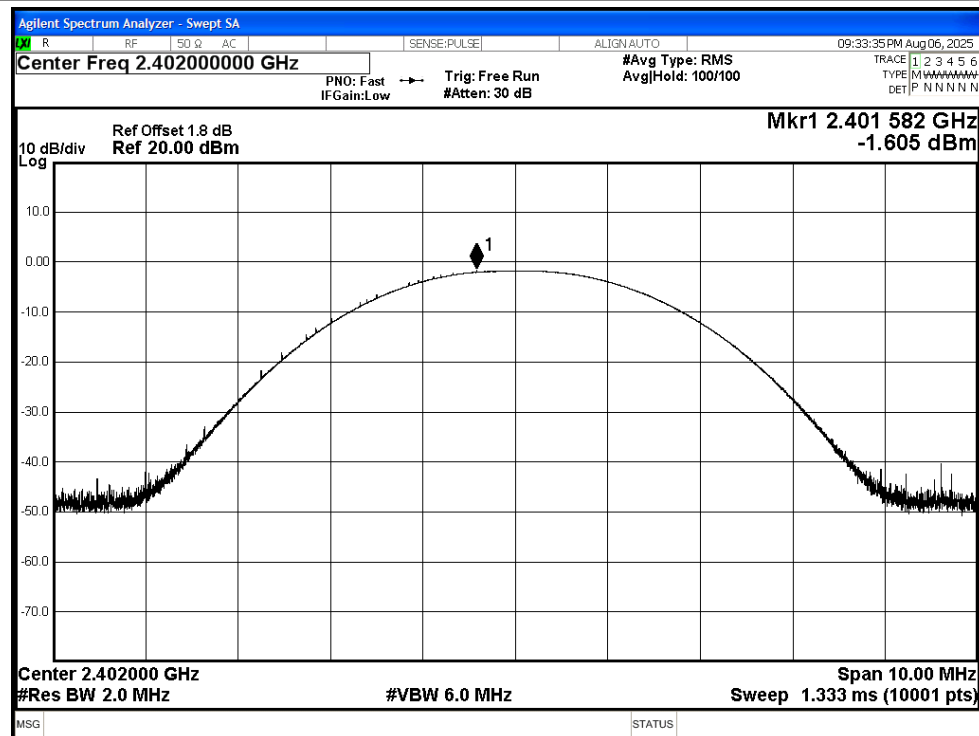


Maximum Conducted Output Power

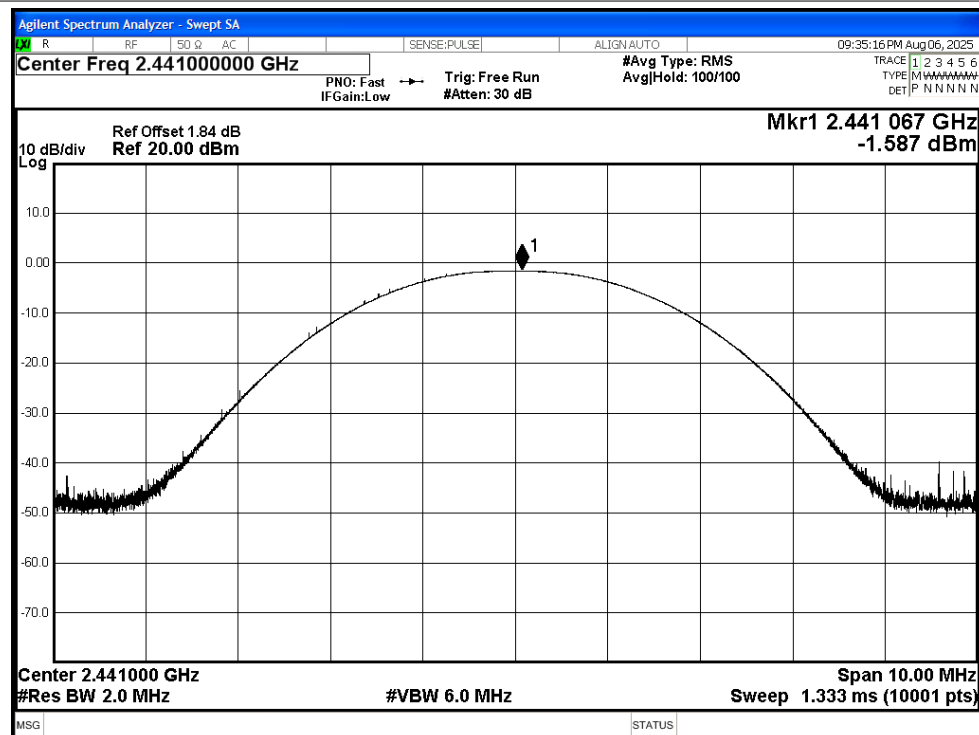
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-1.61	0	-1.61	21	Pass
NVNT	1-DH5	2441	Ant1	-1.59	0	-1.59	21	Pass
NVNT	1-DH5	2480	Ant1	-2.28	0	-2.28	21	Pass
NVNT	2-DH5	2402	Ant1	0.49	0	0.49	21	Pass
NVNT	2-DH5	2441	Ant1	0.67	0	0.67	21	Pass
NVNT	2-DH5	2480	Ant1	-0.35	0	-0.35	21	Pass
NVNT	3-DH5	2402	Ant1	0.95	0	0.95	21	Pass
NVNT	3-DH5	2441	Ant1	1.19	0	1.19	21	Pass
NVNT	3-DH5	2480	Ant1	0.12	0	0.12	21	Pass

Test Graphs

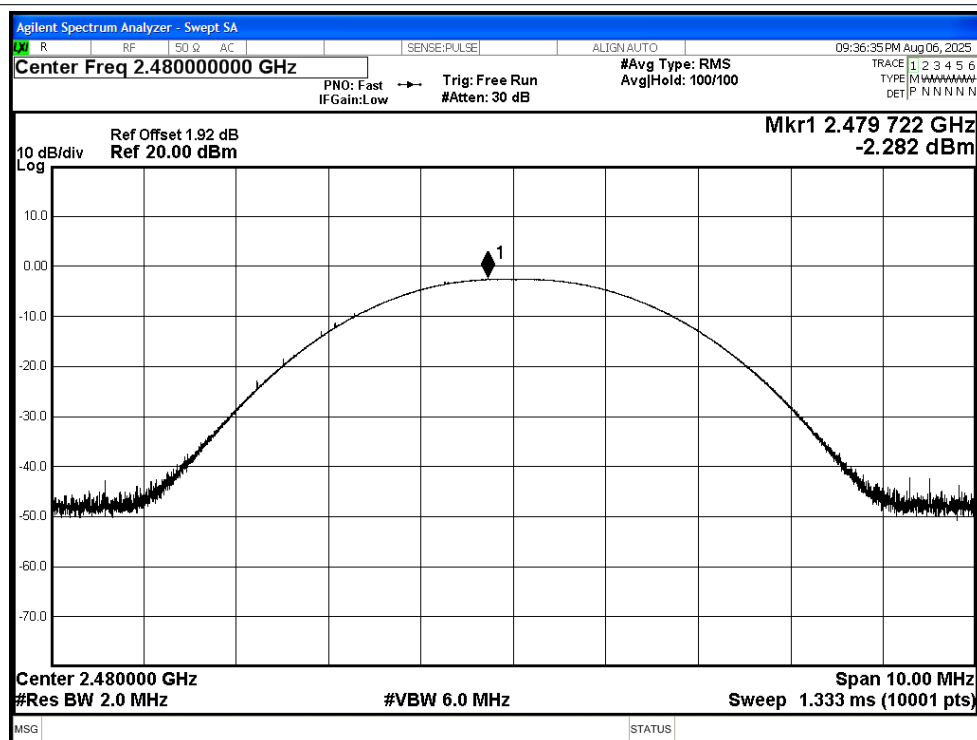
Power NVNT 1-DH5 2402MHz Ant1



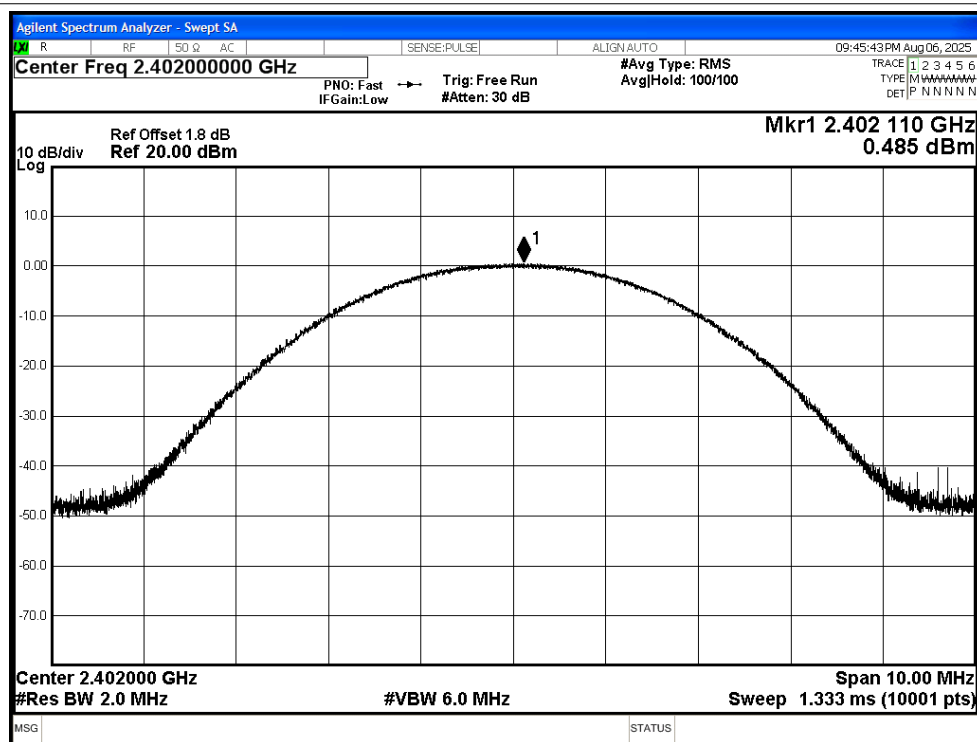
Power NVNT 1-DH5 2441MHz Ant1



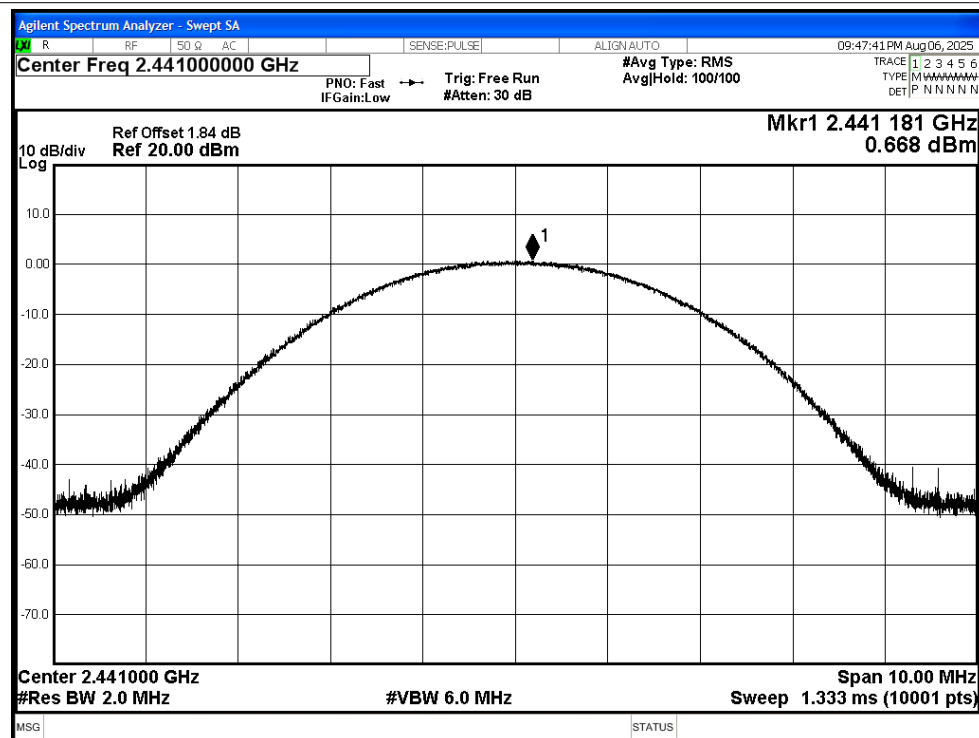
Power NVNT 1-DH5 2480MHz Ant1



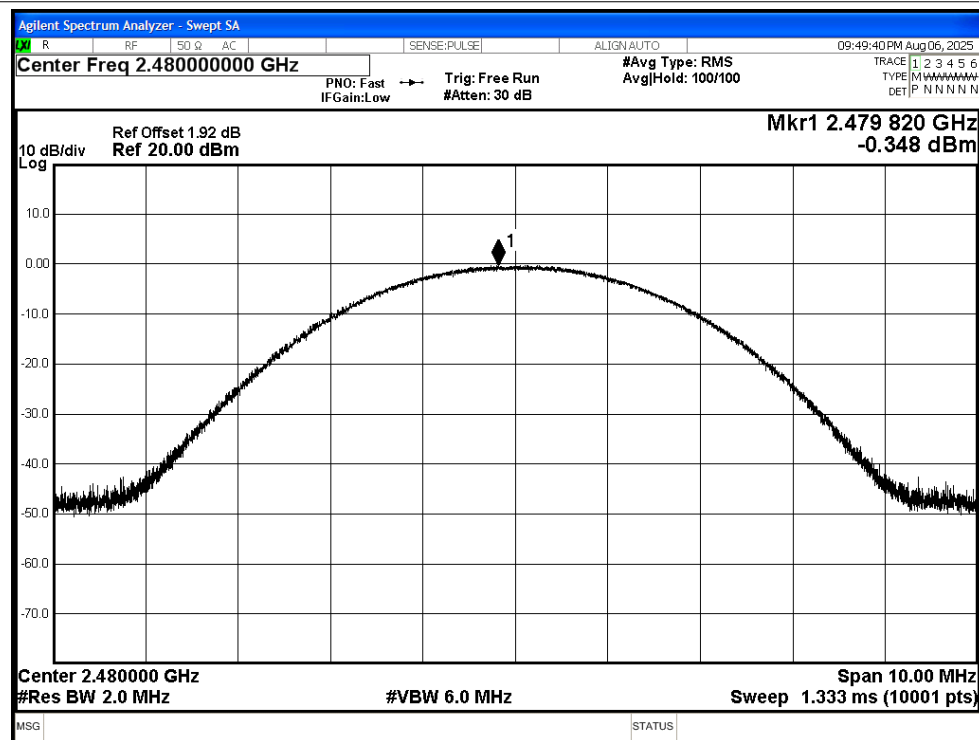
Power NVNT 2-DH5 2402MHz Ant1



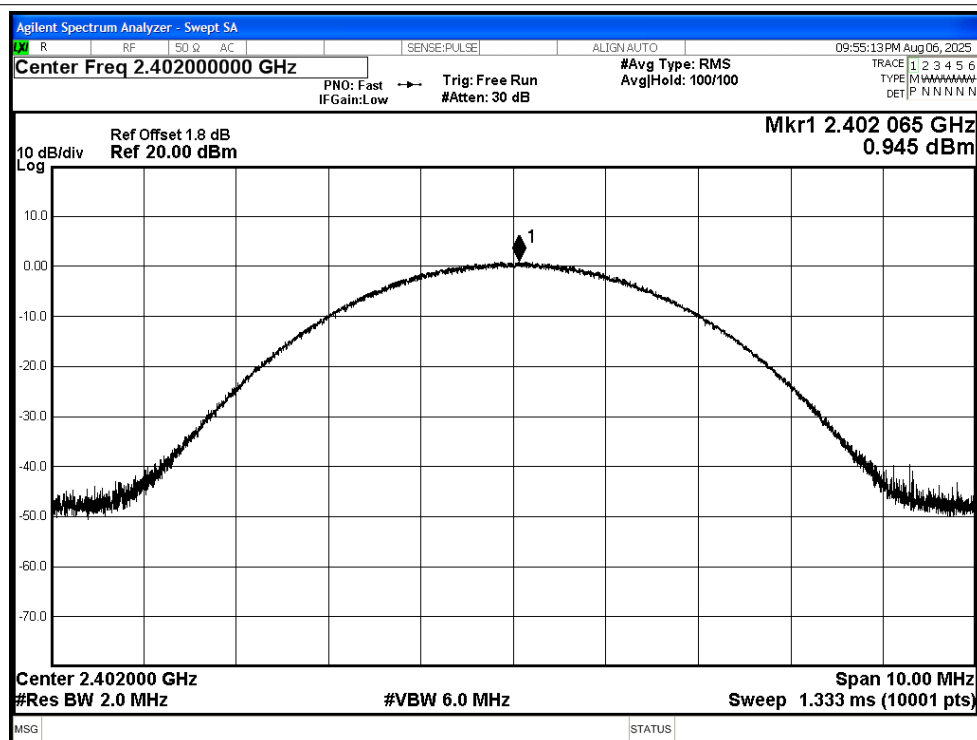
Power NVNT 2-DH5 2441MHz Ant1



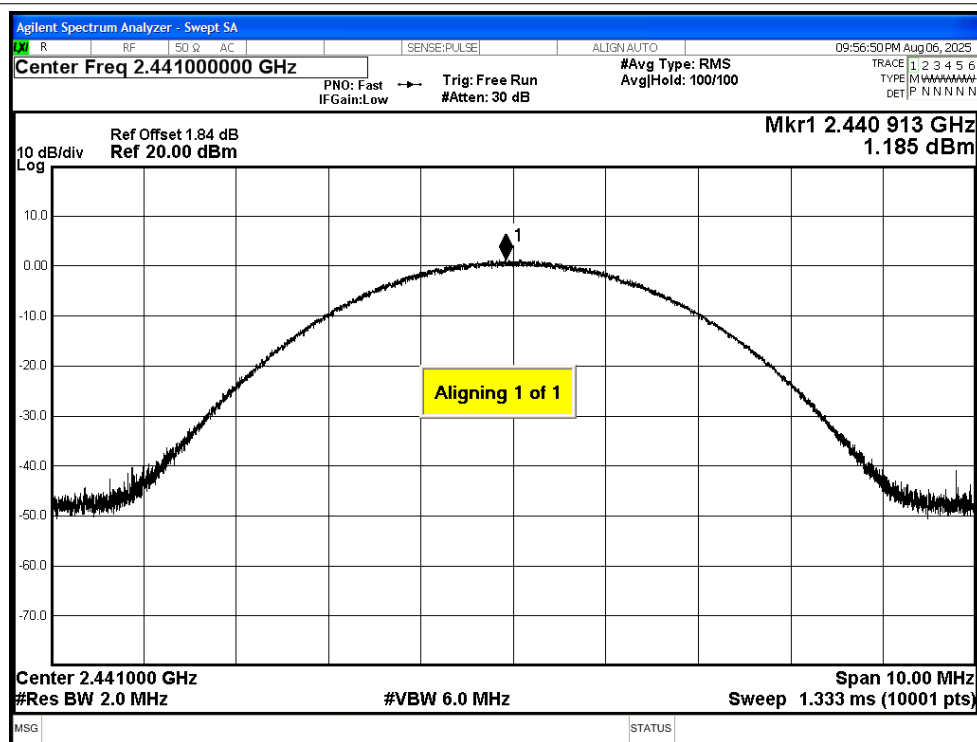
Power NVNT 2-DH5 2480MHz Ant1



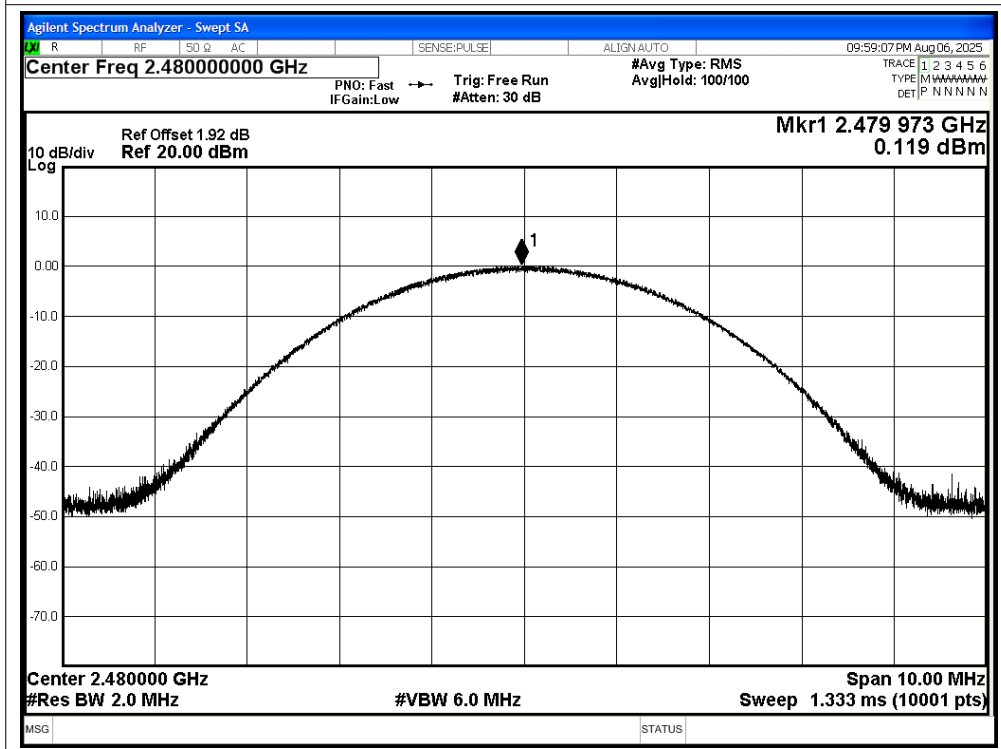
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



Power NVNT 3-DH5 2480MHz Ant1

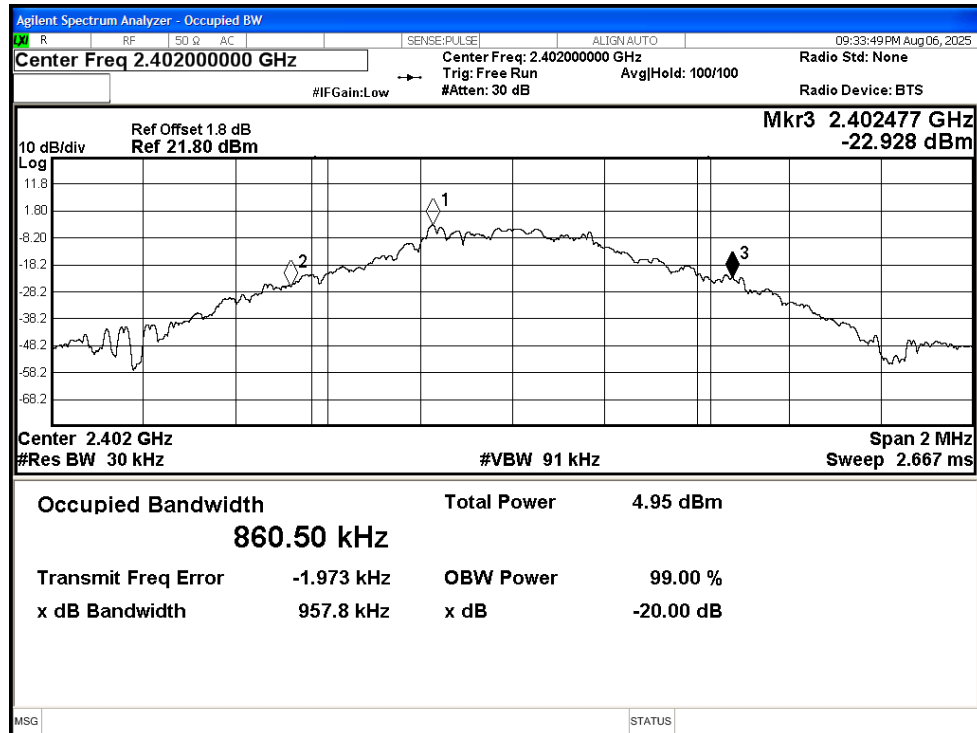


-20dB Bandwidth

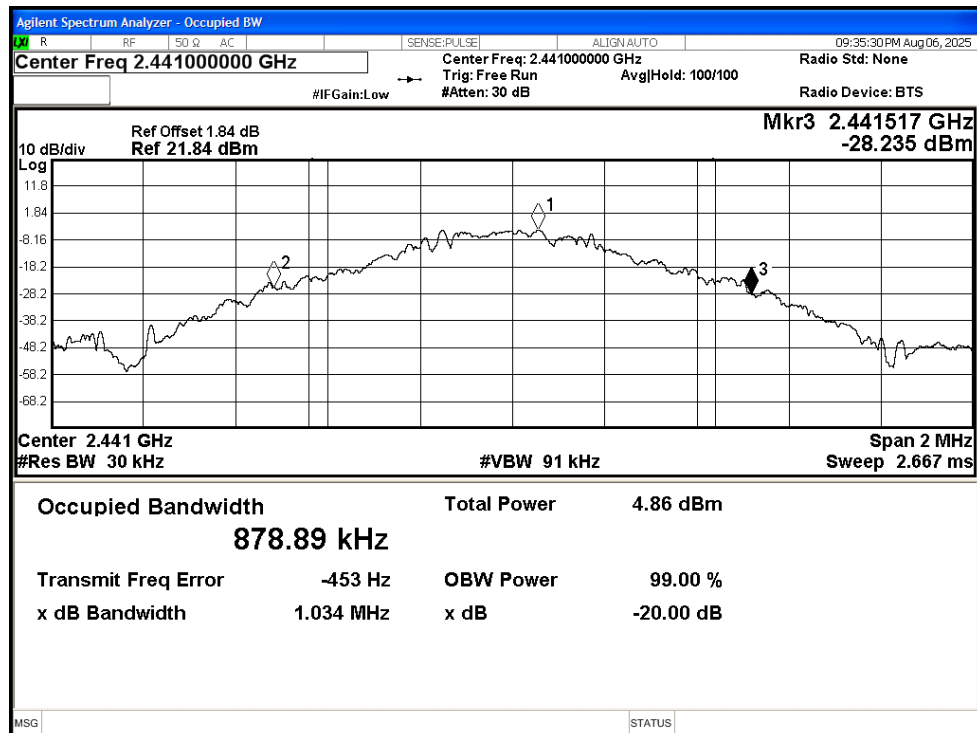
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.958	N/A	Pass
NVNT	1-DH5	2441	Ant1	1.034	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.932	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.287	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.283	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.284	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.296	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.311	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.279	N/A	Pass

Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



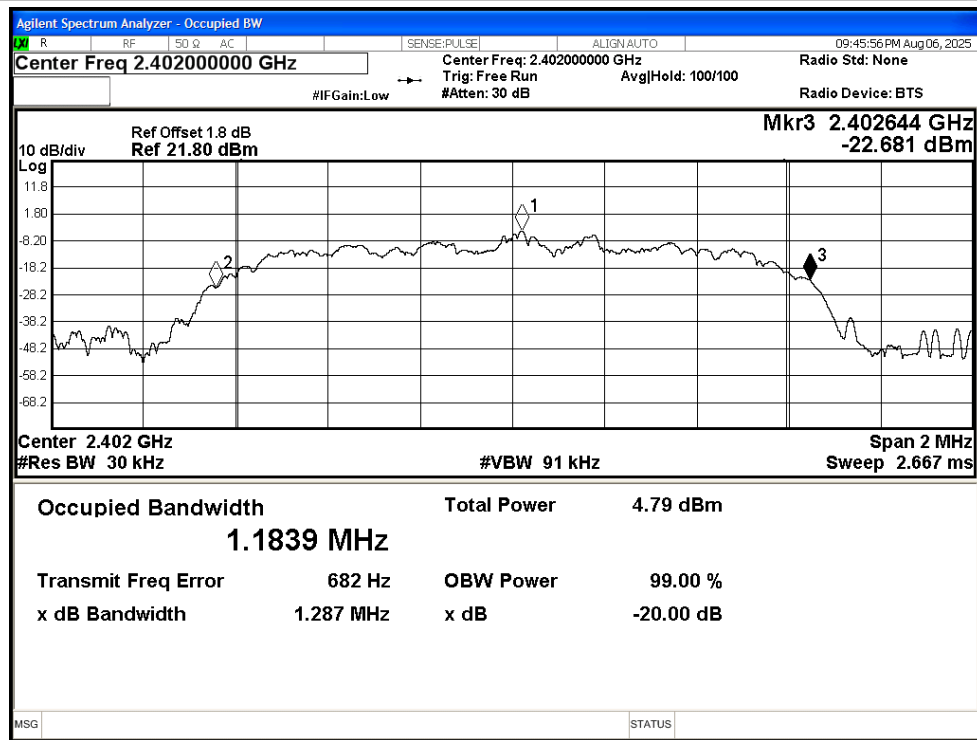
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



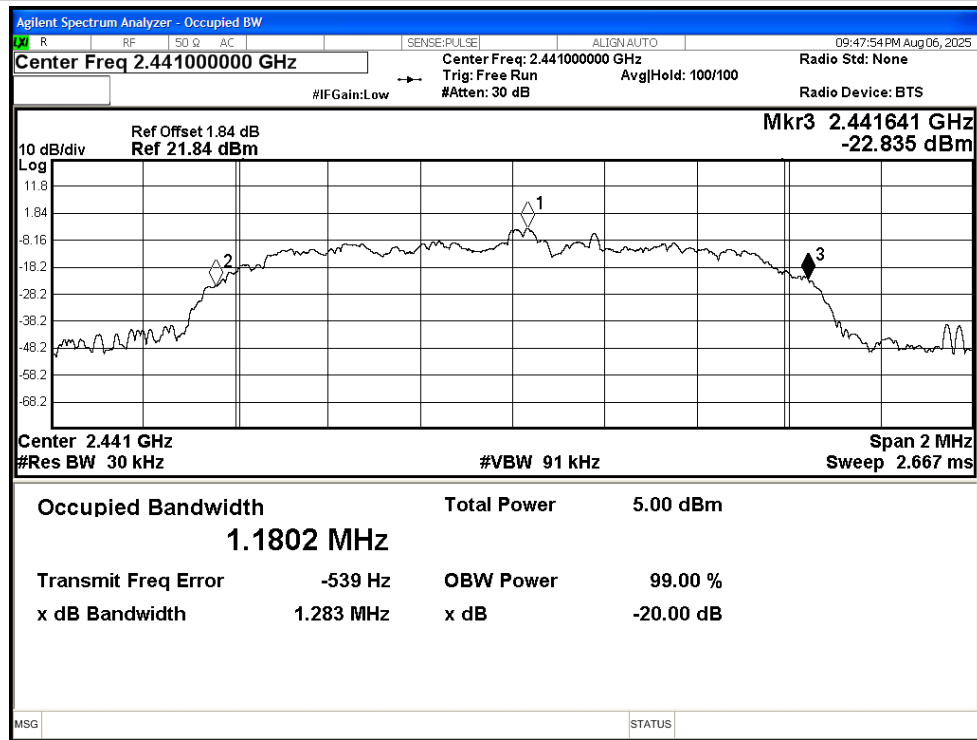
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



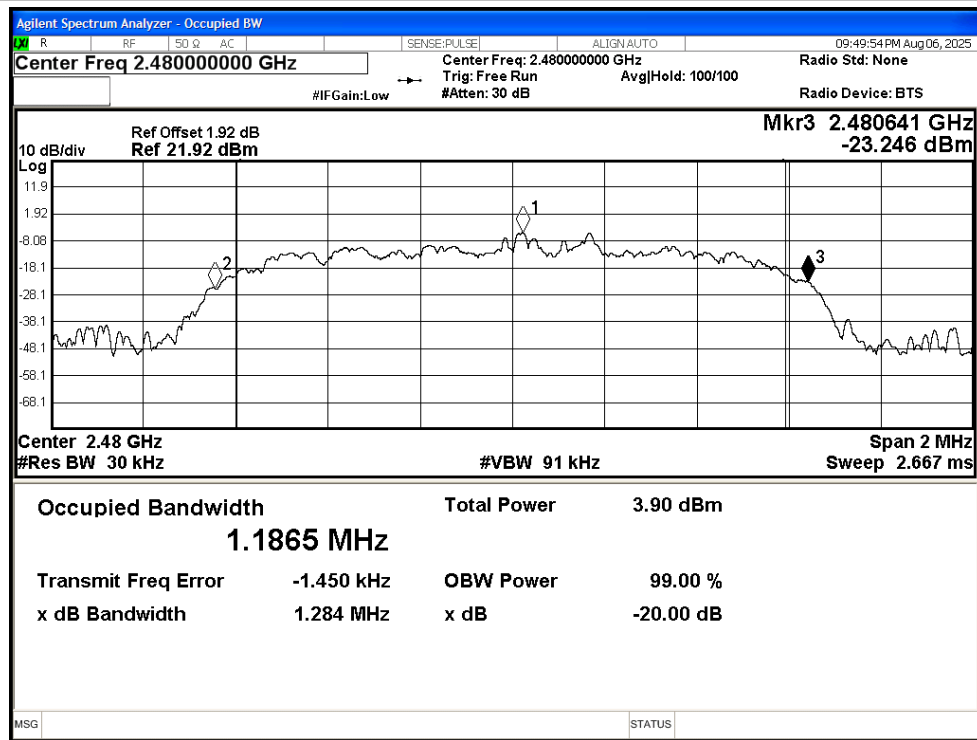
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



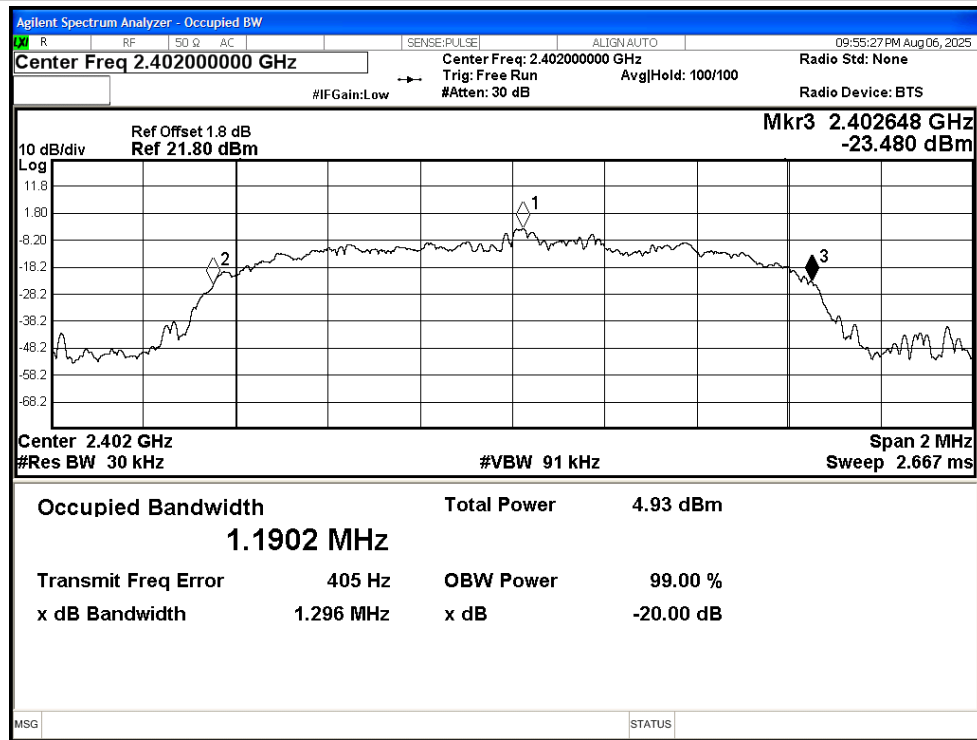
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



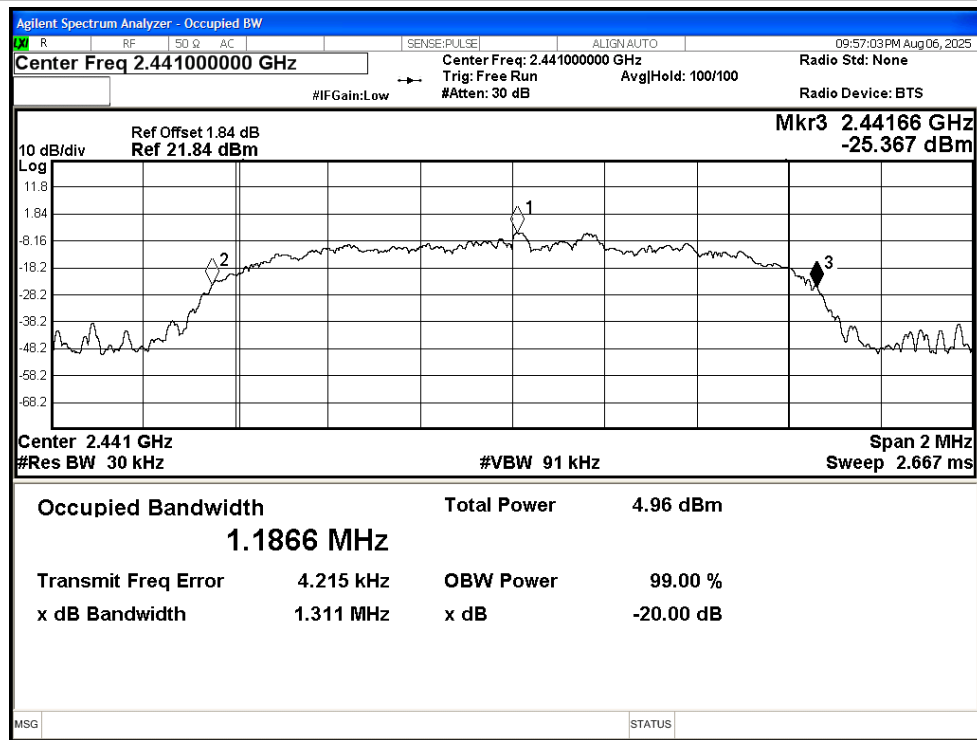
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



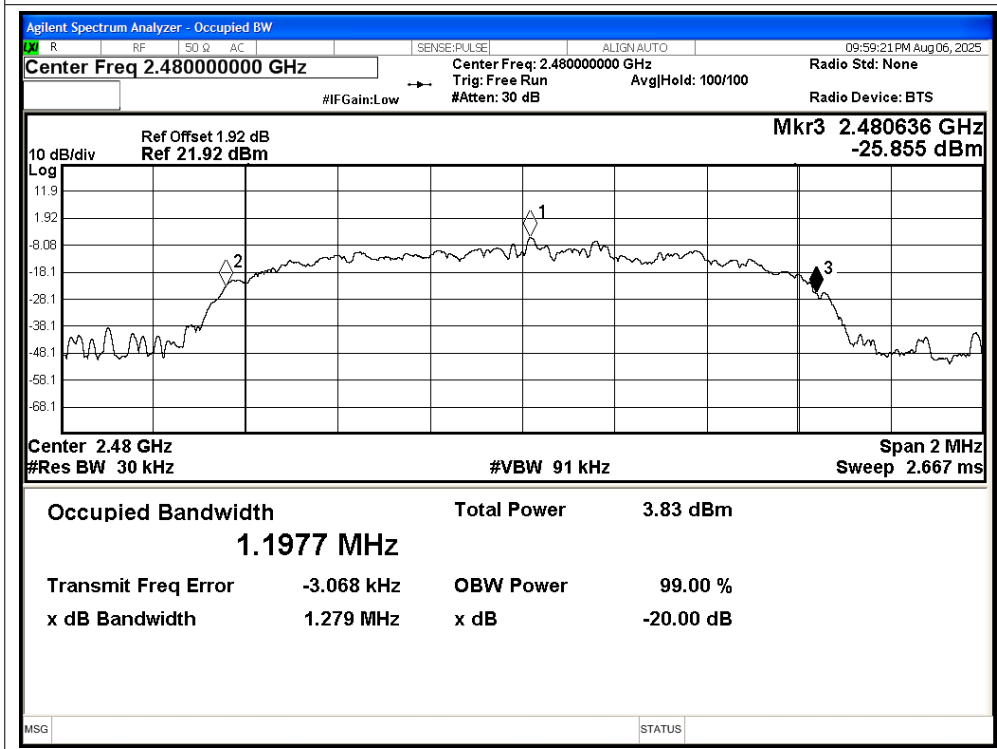
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

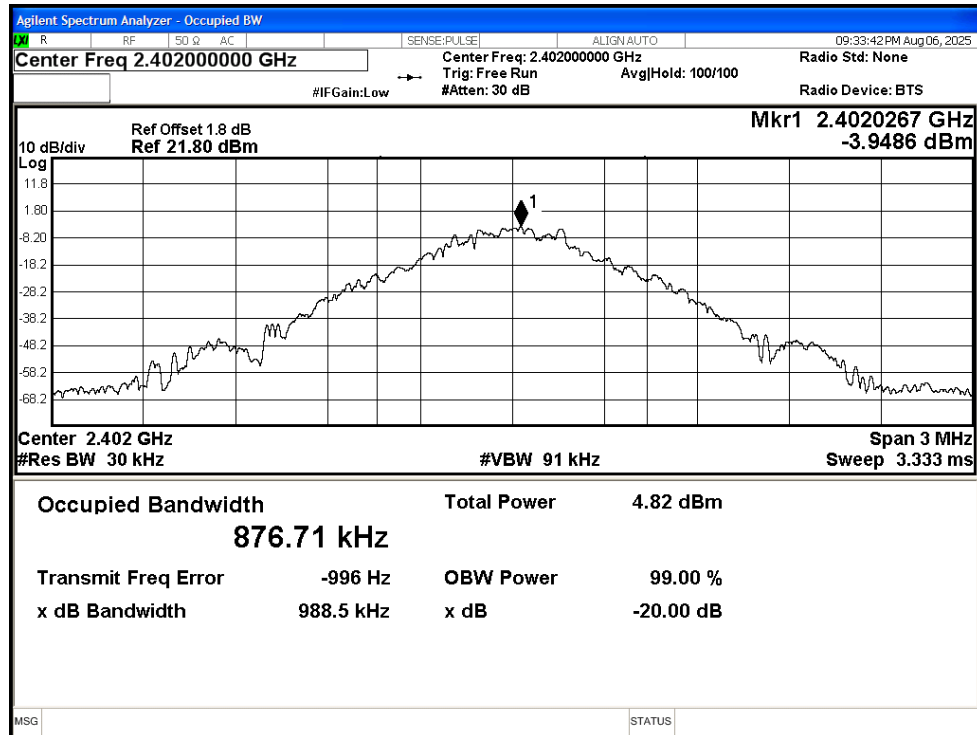


Occupied Channel Bandwidth

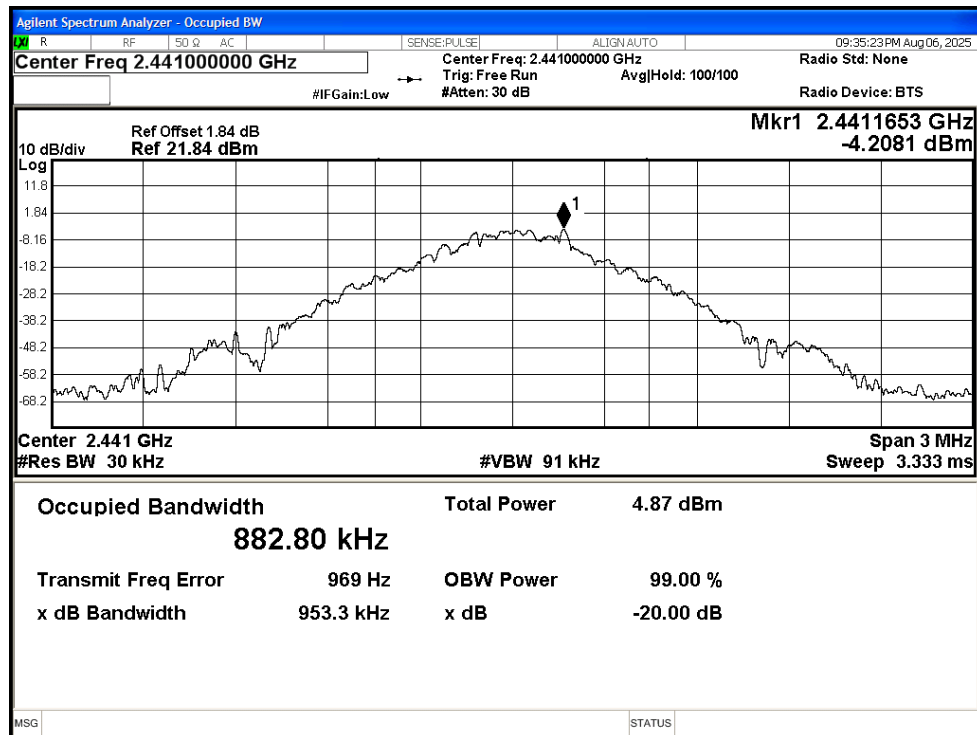
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.877
NVNT	1-DH5	2441	Ant1	0.883
NVNT	1-DH5	2480	Ant1	0.862
NVNT	2-DH5	2402	Ant1	1.192
NVNT	2-DH5	2441	Ant1	1.192
NVNT	2-DH5	2480	Ant1	1.185
NVNT	3-DH5	2402	Ant1	1.203
NVNT	3-DH5	2441	Ant1	1.199
NVNT	3-DH5	2480	Ant1	1.203

Test Graphs

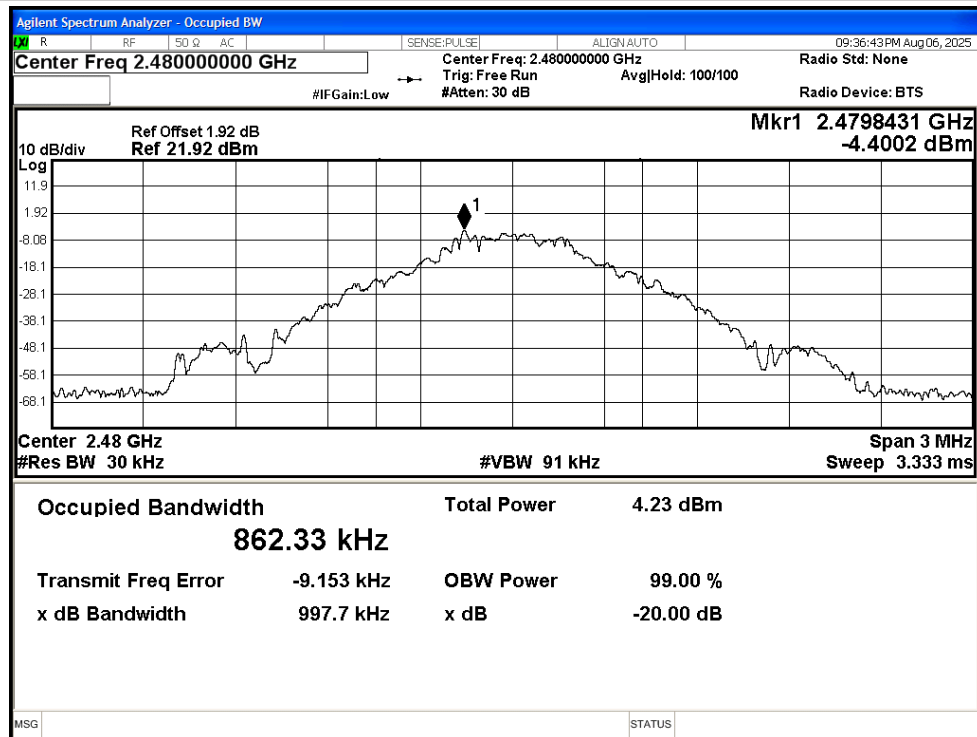
OBW NVNT 1-DH5 2402MHz Ant1



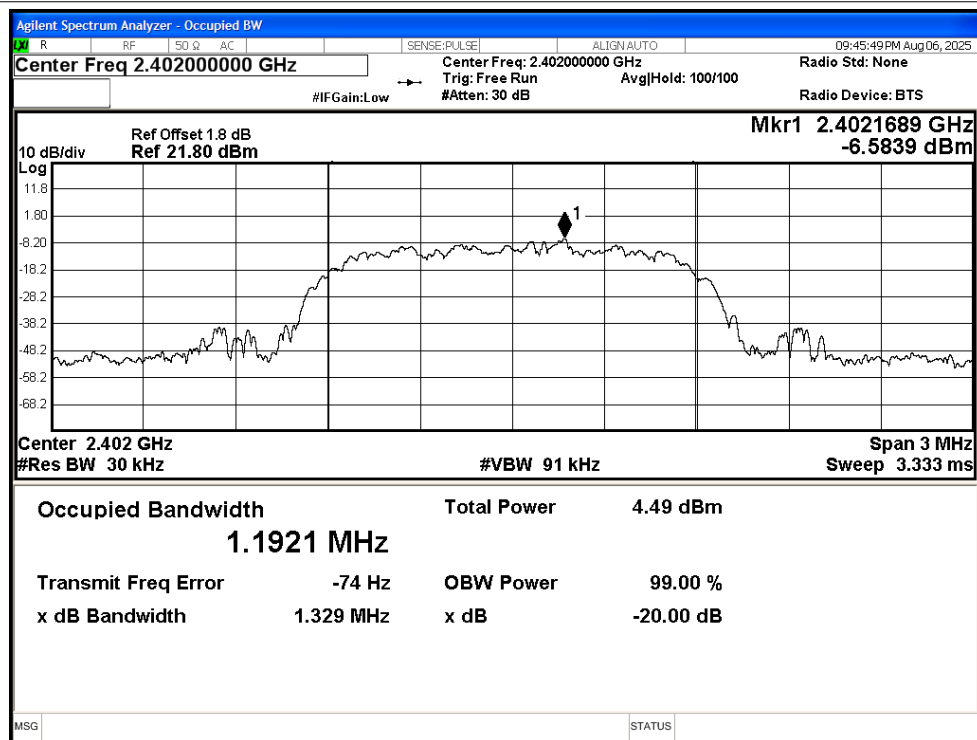
OBW NVNT 1-DH5 2441MHz Ant1



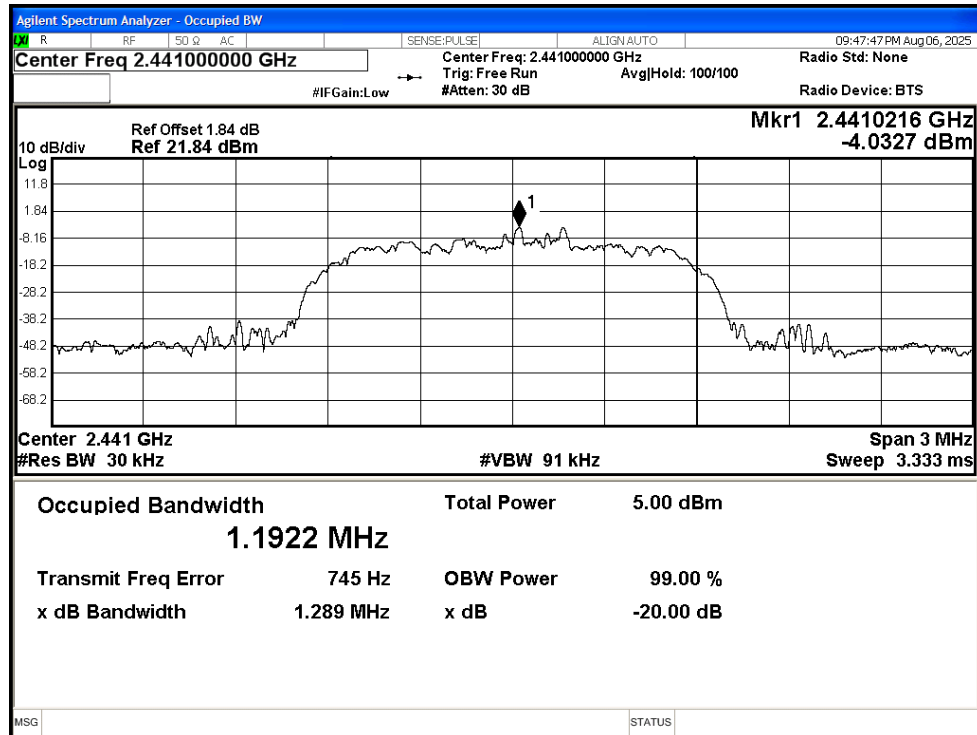
OBW NVNT 1-DH5 2480MHz Ant1



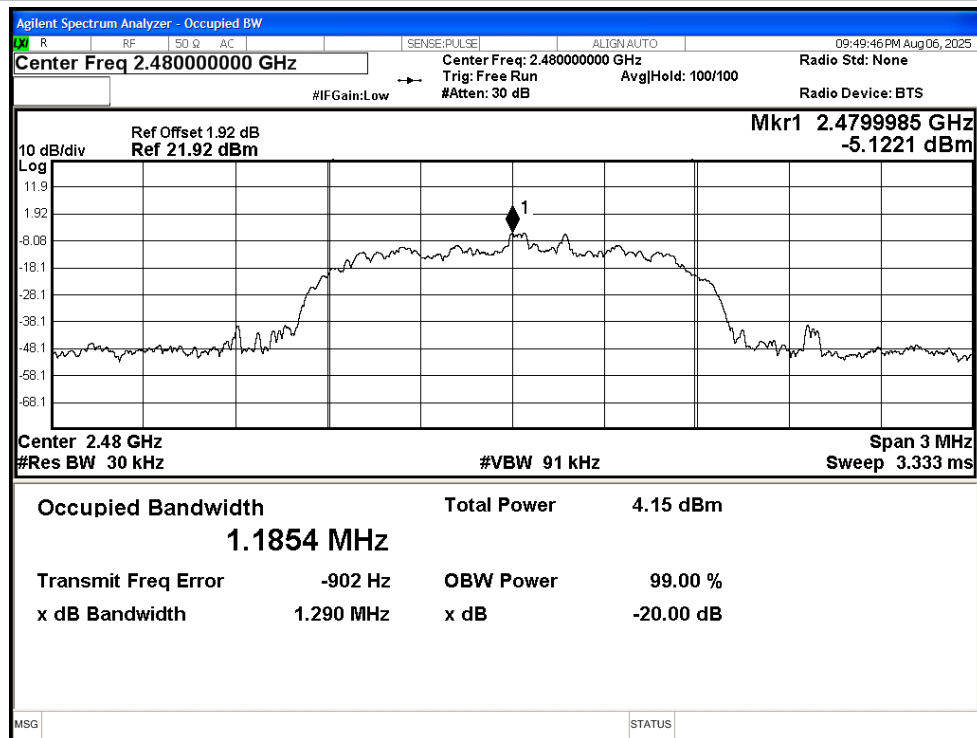
OBW NVNT 2-DH5 2402MHz Ant1



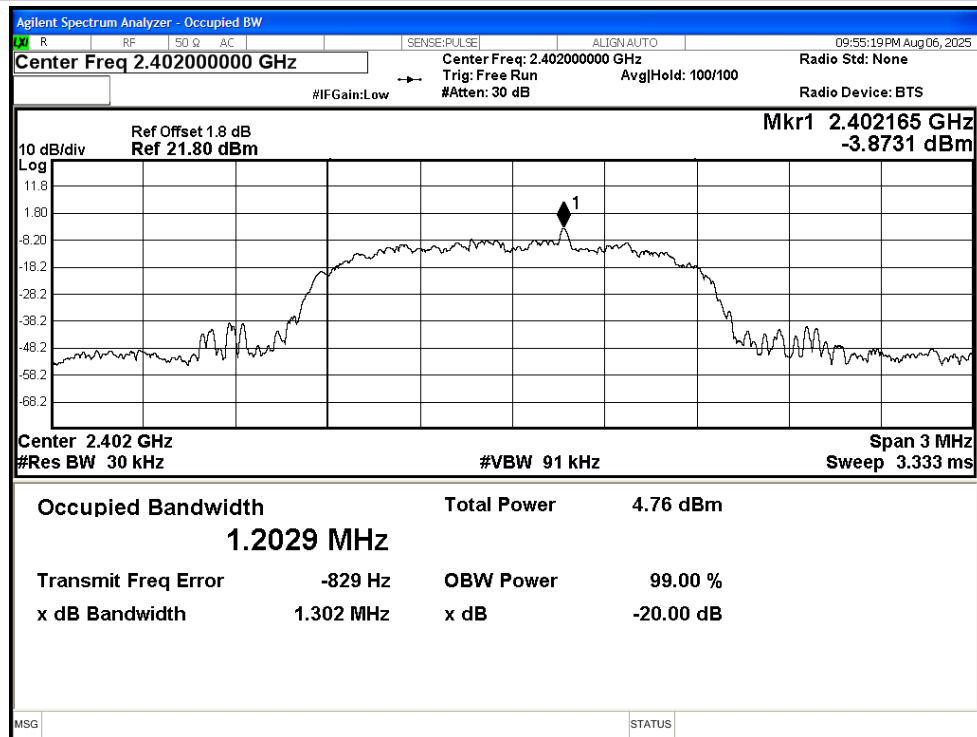
OBW NVNT 2-DH5 2441MHz Ant1



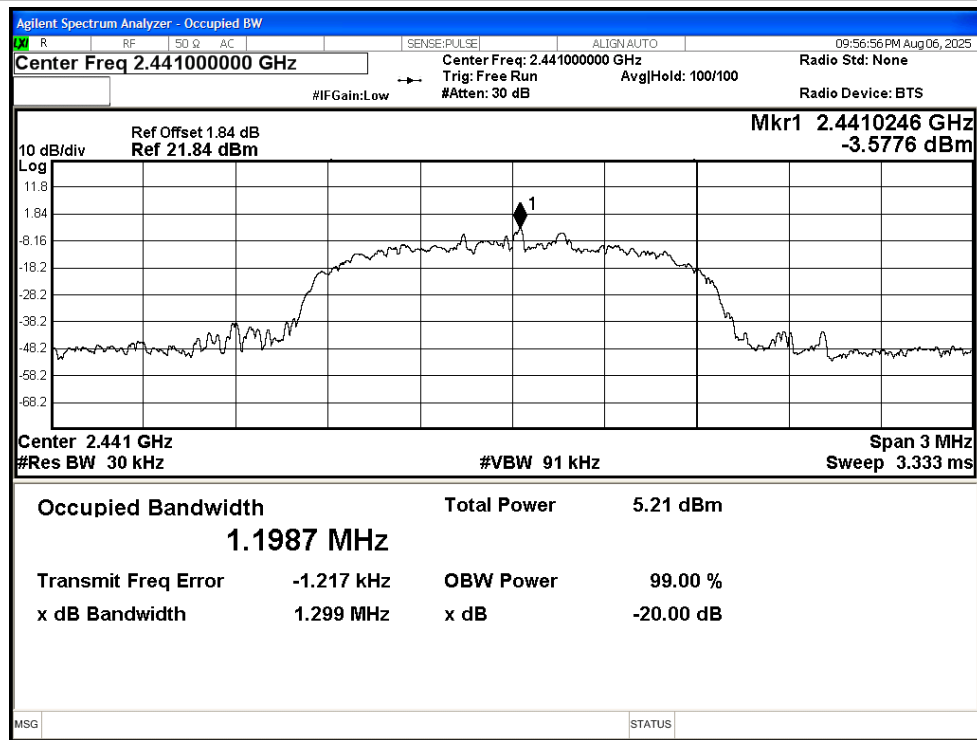
OBW NVNT 2-DH5 2480MHz Ant1



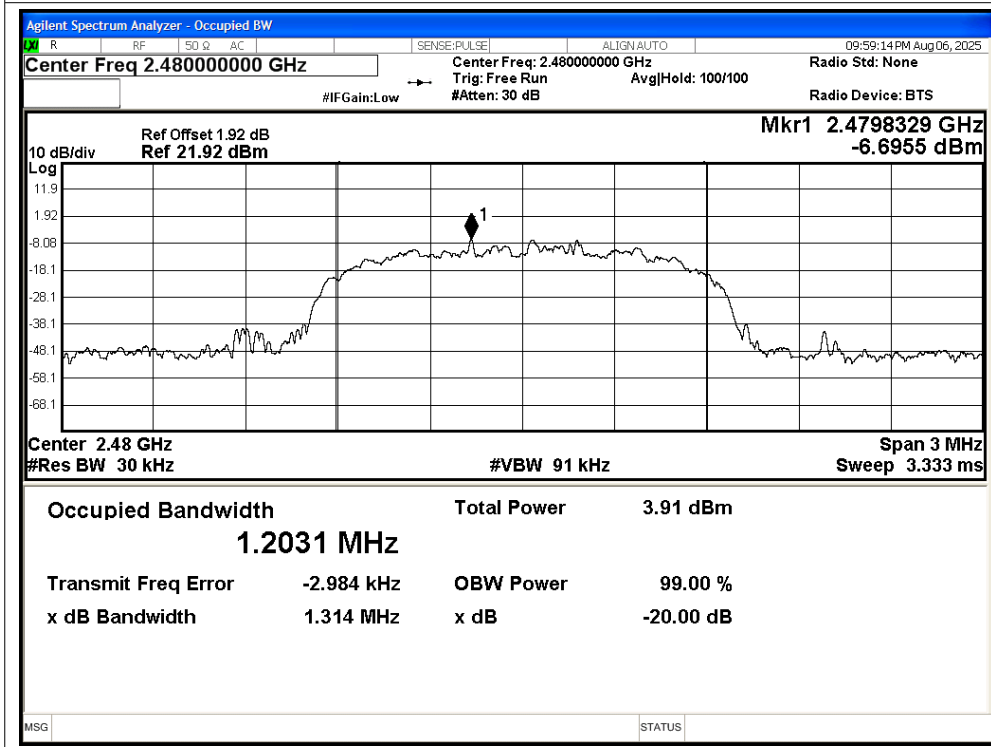
OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1

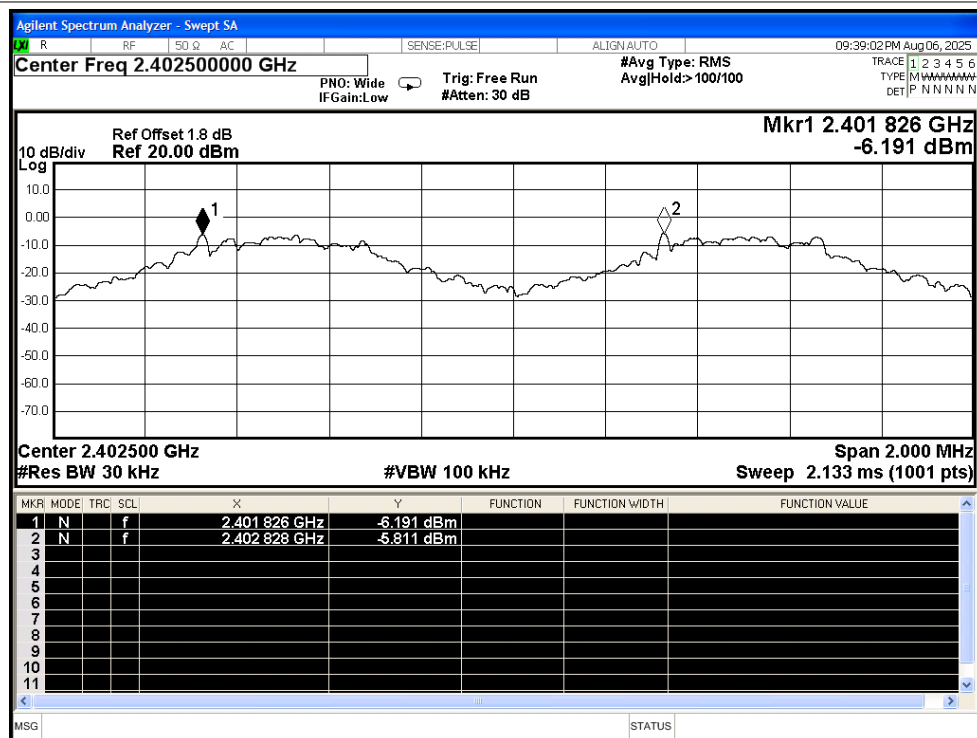


Carrier Frequencies Separation

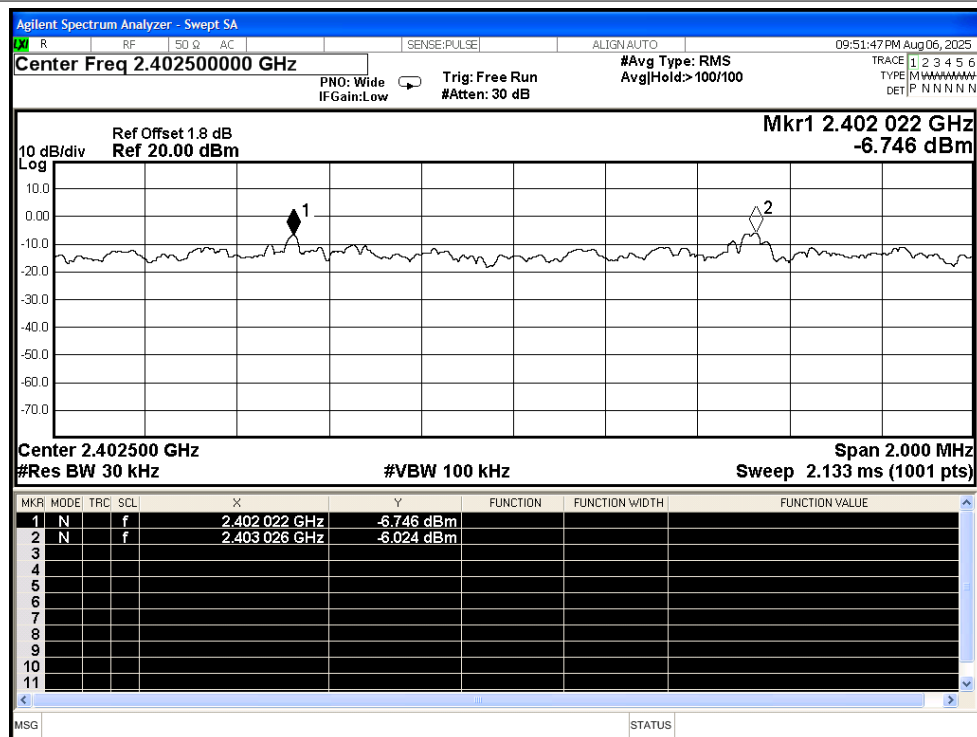
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.826	2402.828	1.002	0.639	Pass
NVNT	2-DH5	Ant1	2402.022	2403.026	1.004	0.858	Pass
NVNT	3-DH5	Ant1	2402.03	2403.02	0.99	0.864	Pass

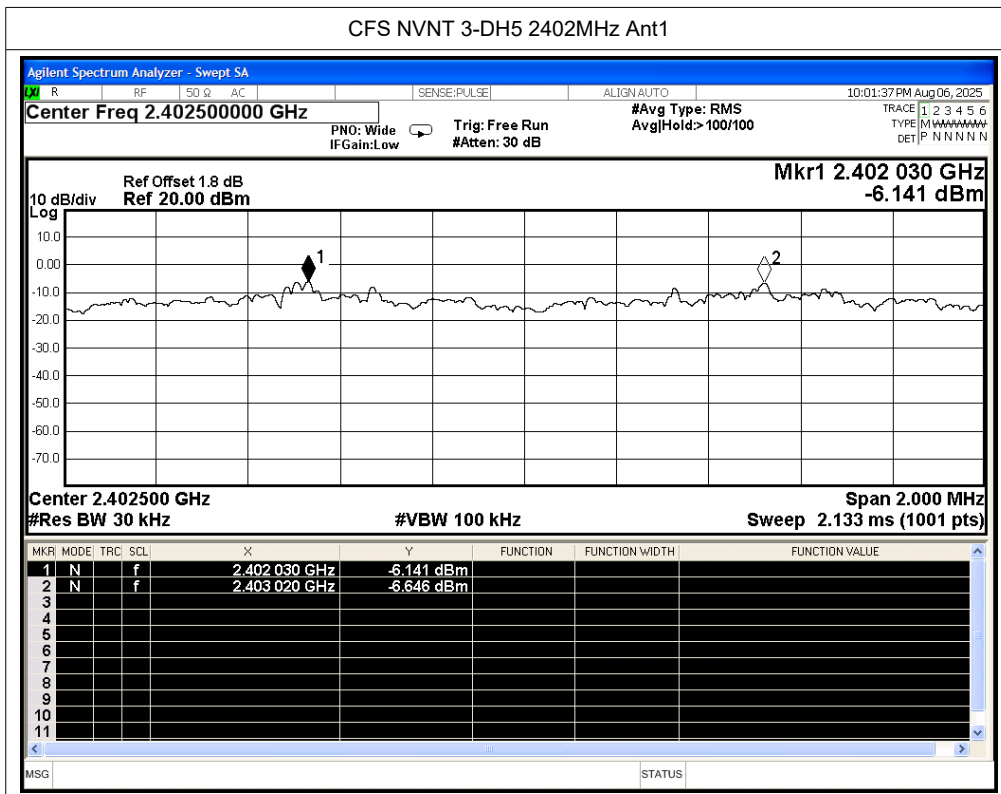
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1



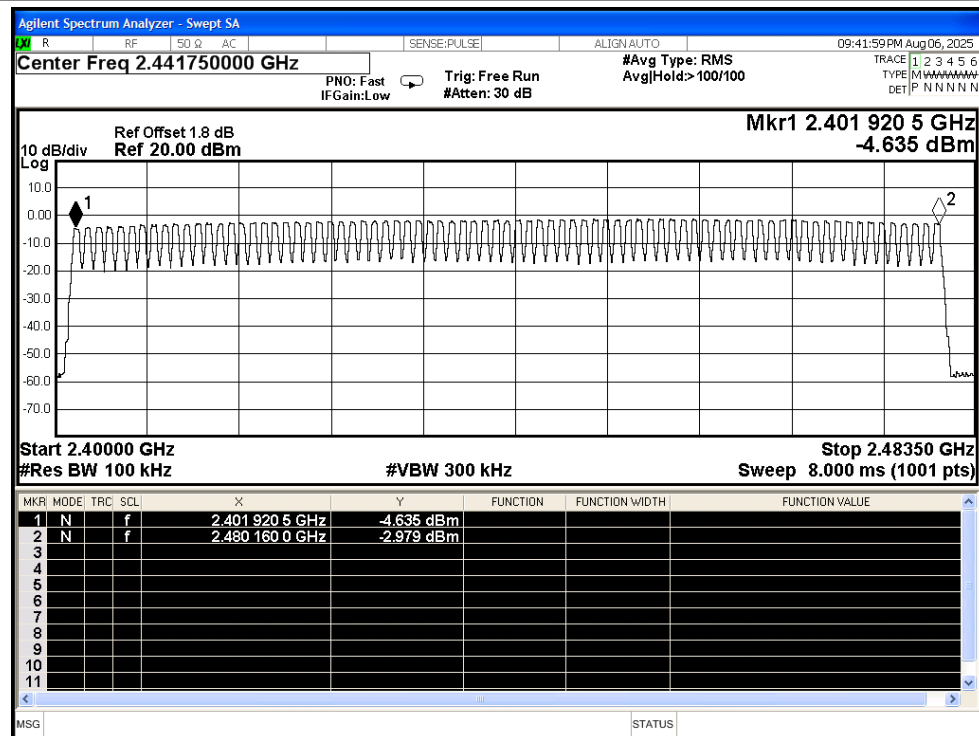


Number of Hopping Channel

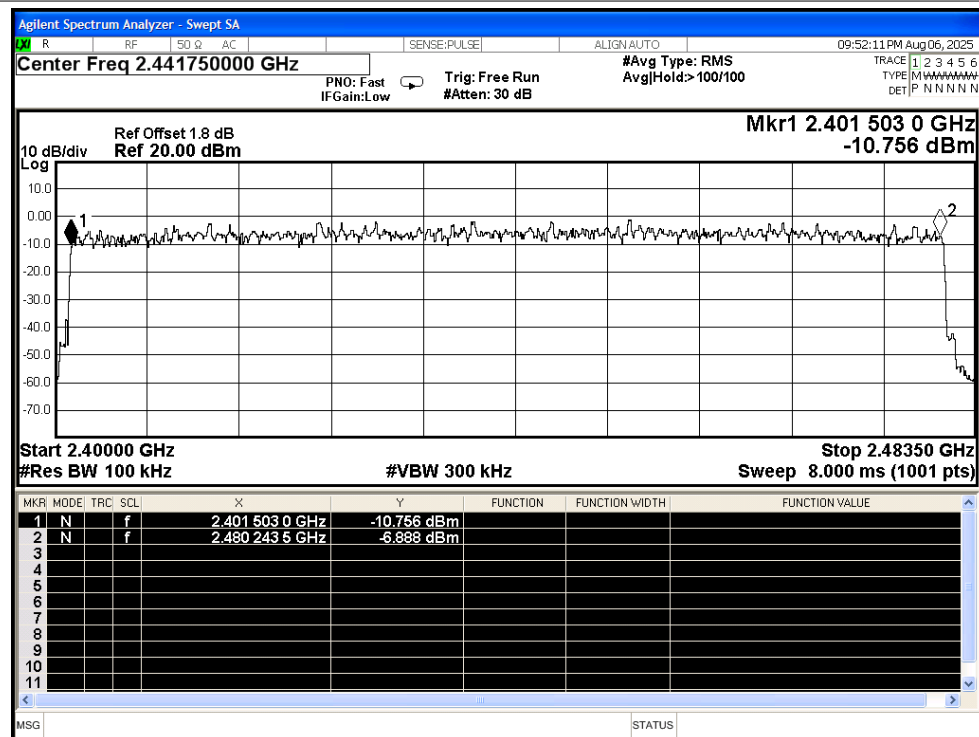
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

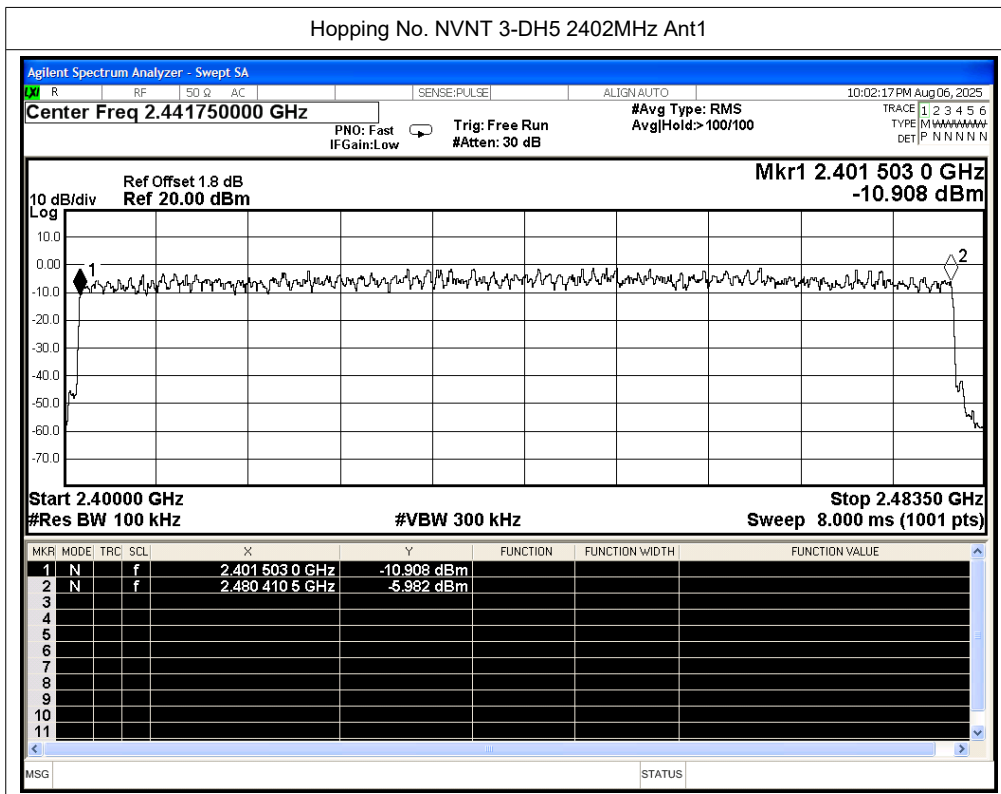
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



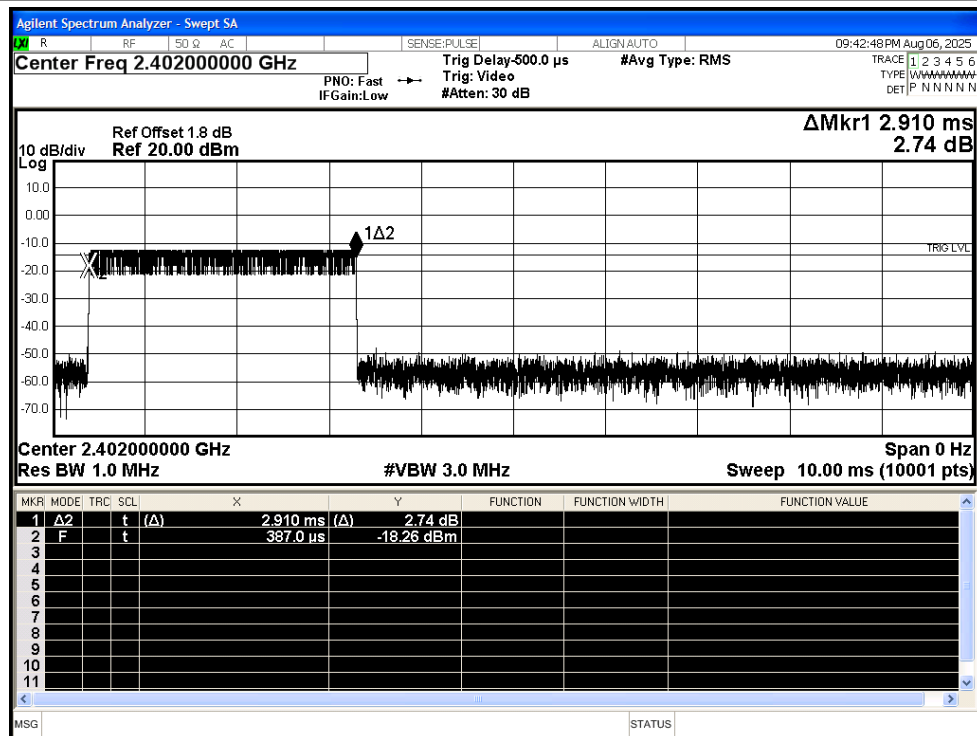


Dwell Time

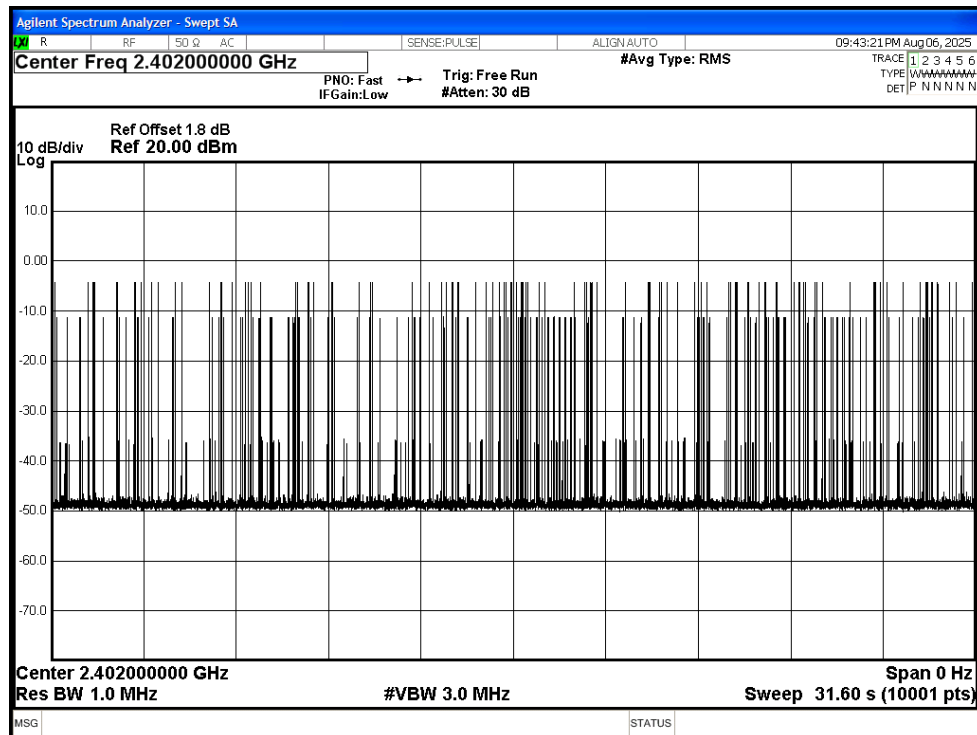
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.91	296.82	102	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.898	327.474	113	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.897	278.112	96	31600	400	Pass

Test Graphs

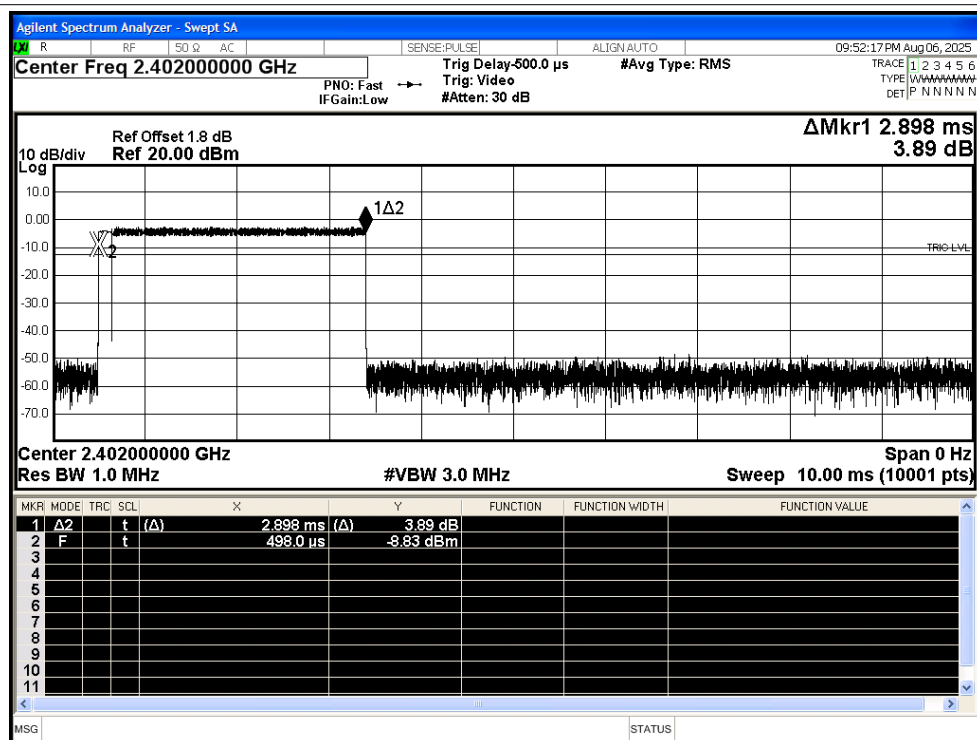
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



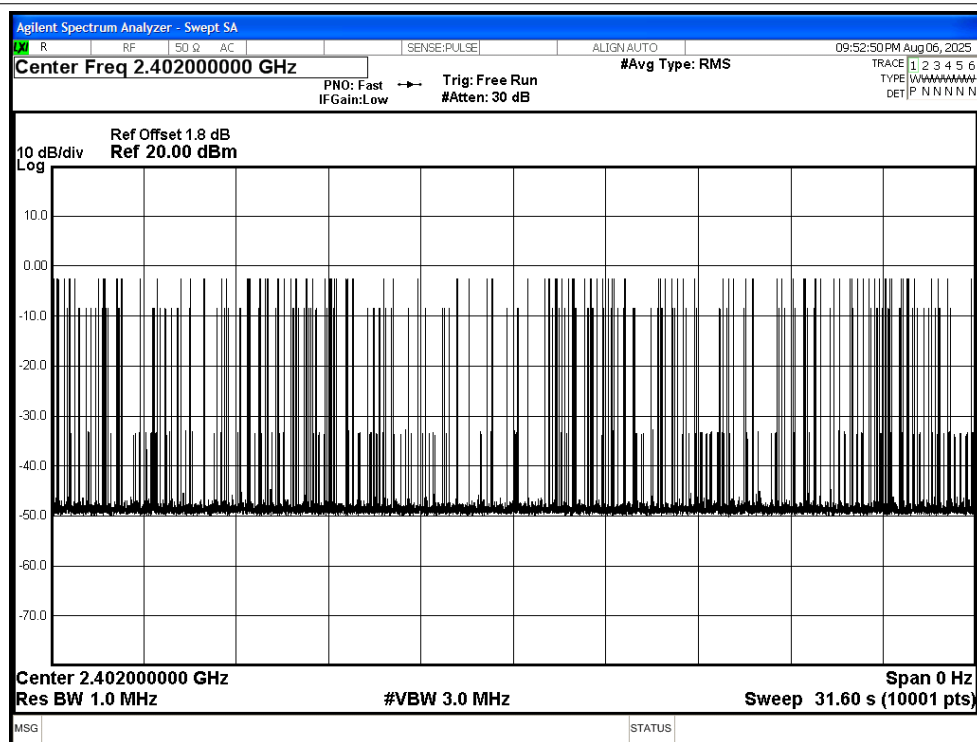
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



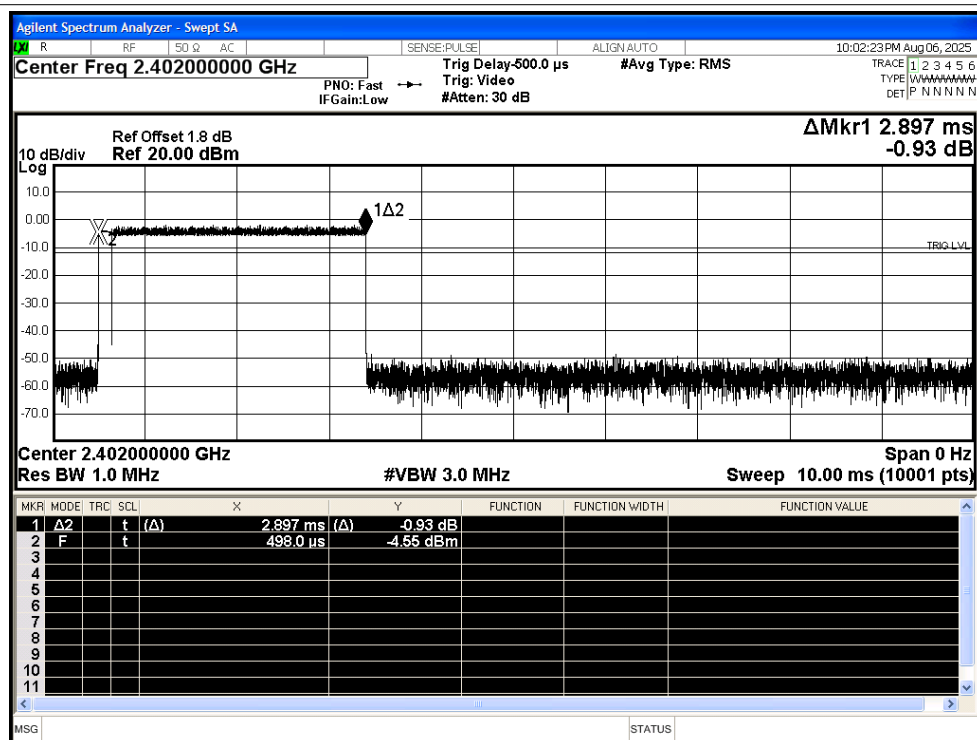
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



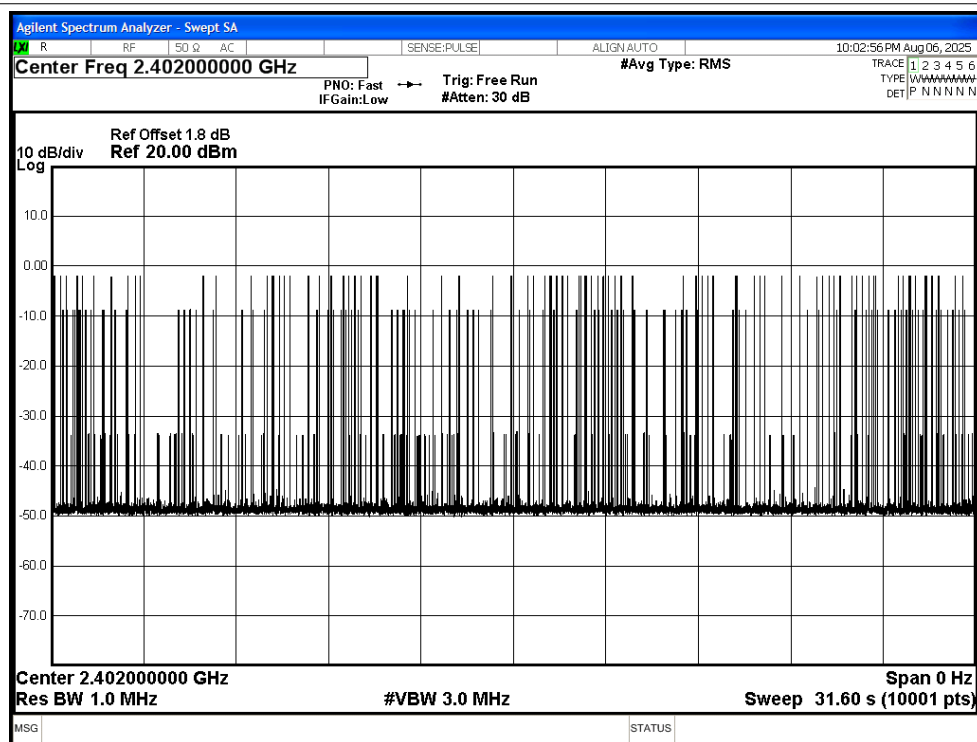
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

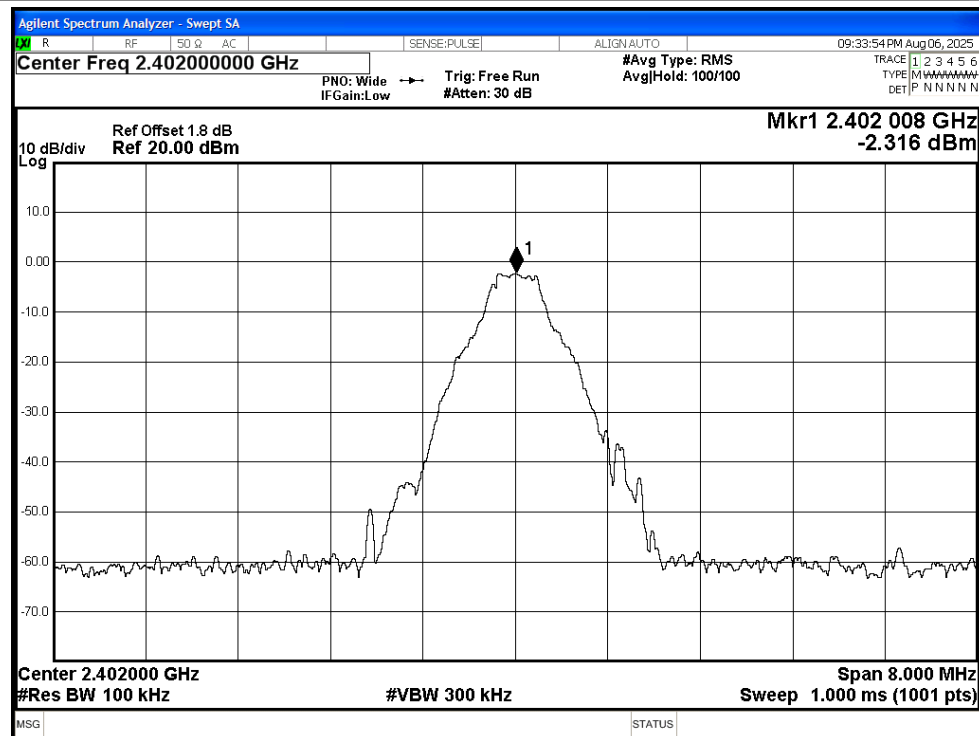


Band Edge

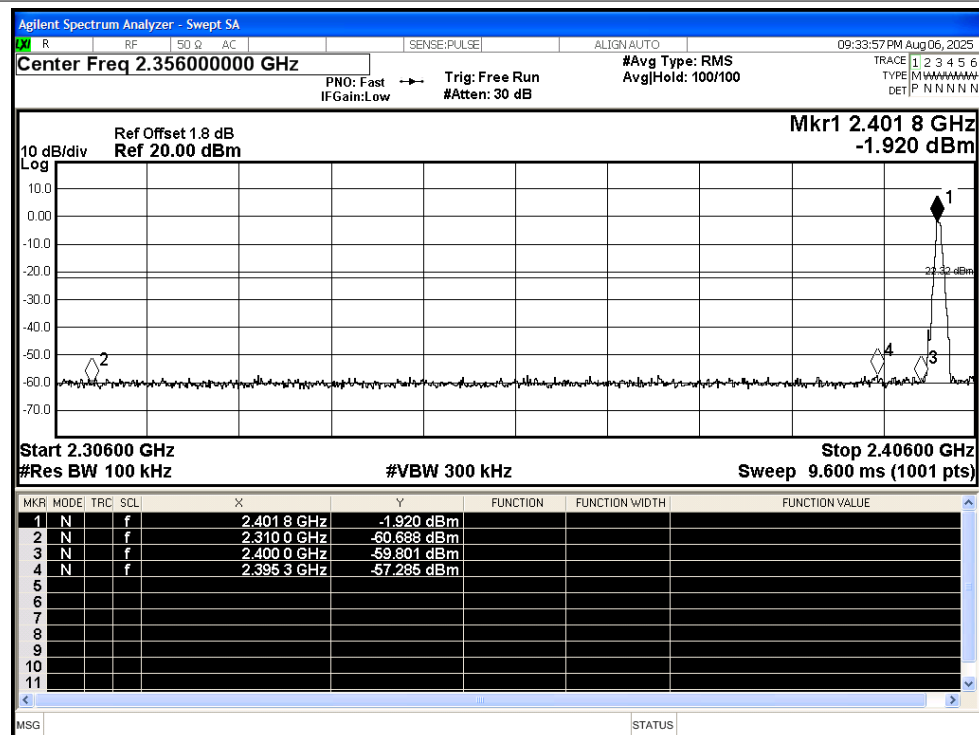
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-54.97	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-53.2	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-51.47	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.28	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-50.8	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-53.09	-20	Pass

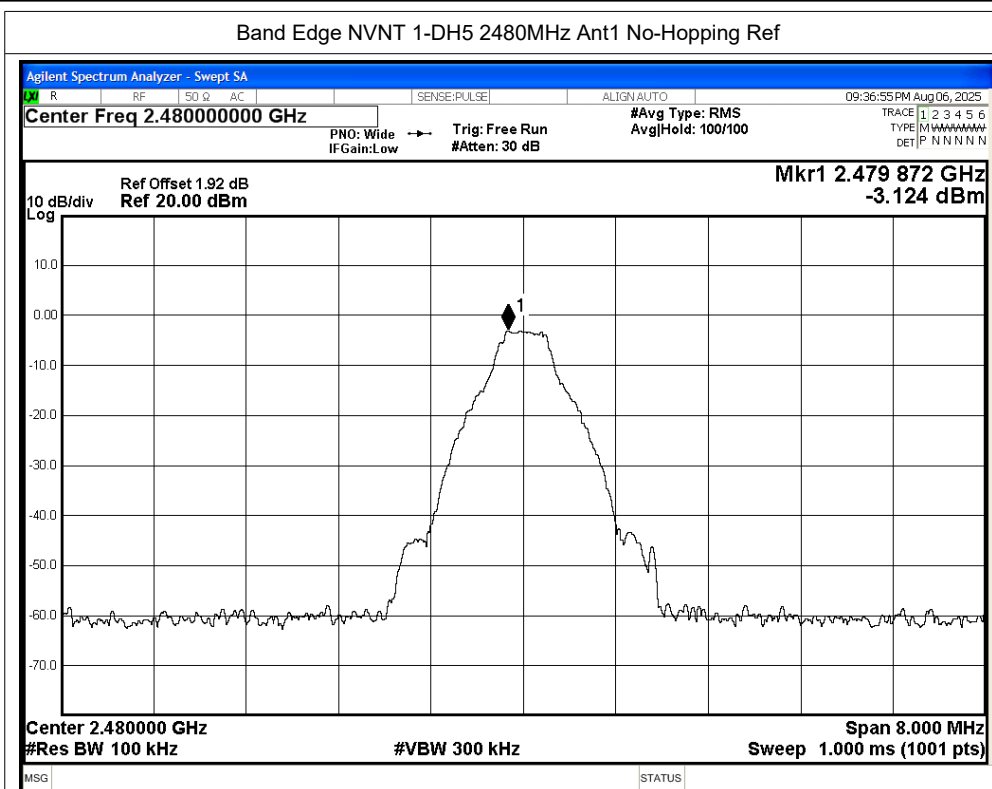
Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref

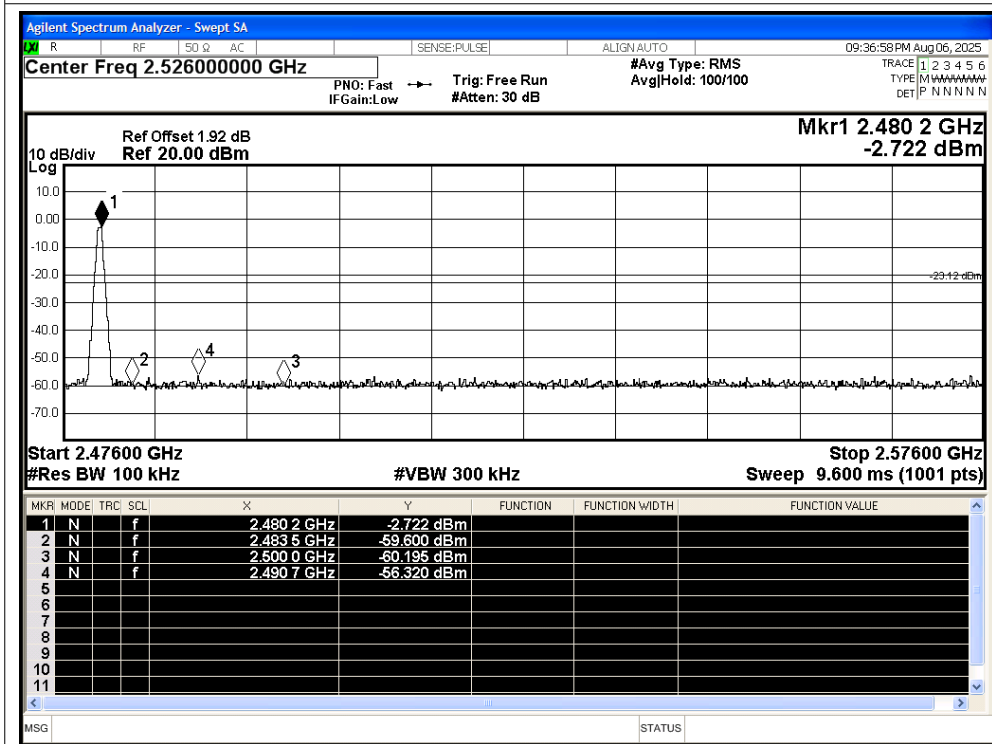


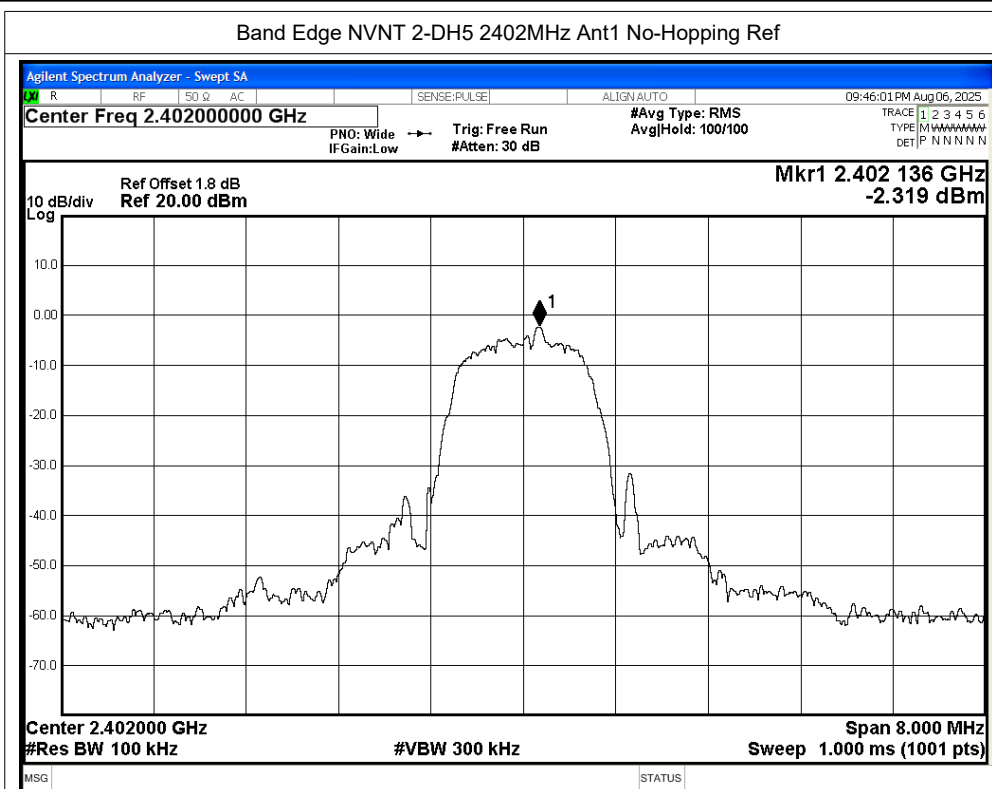
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



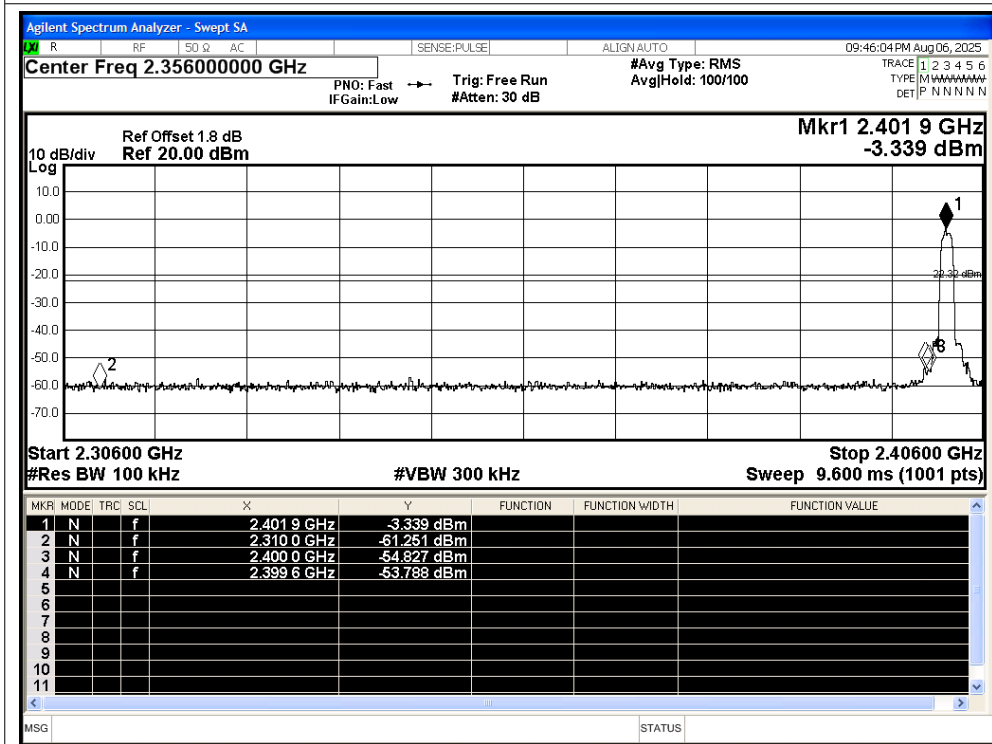


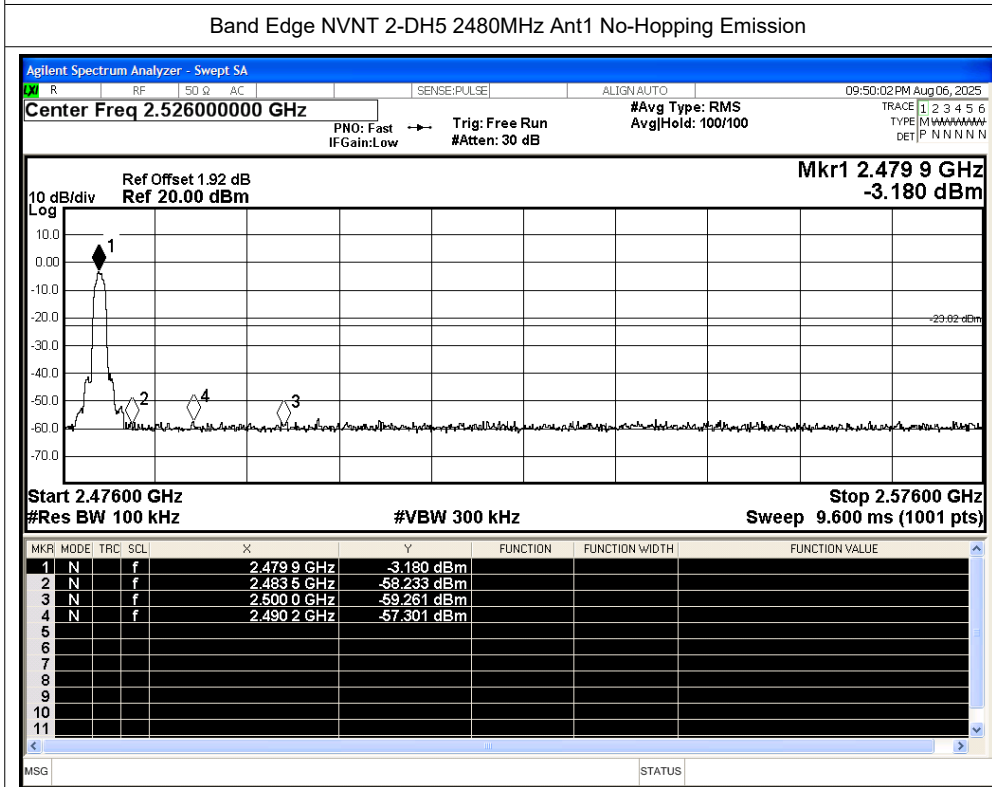
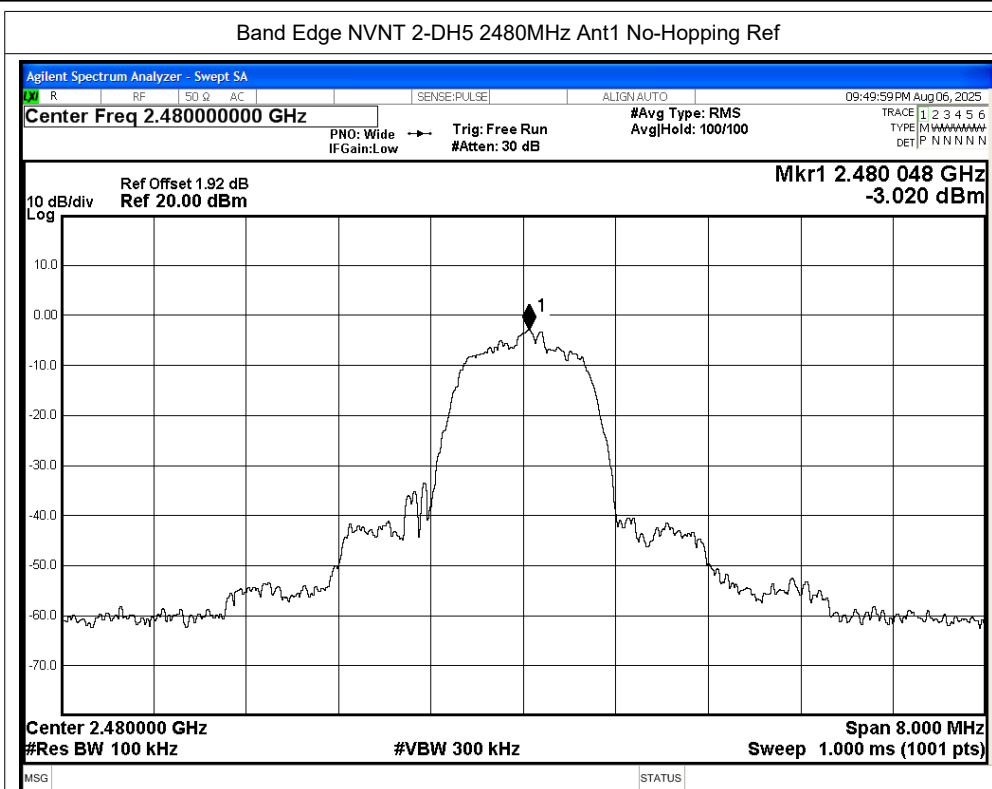
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

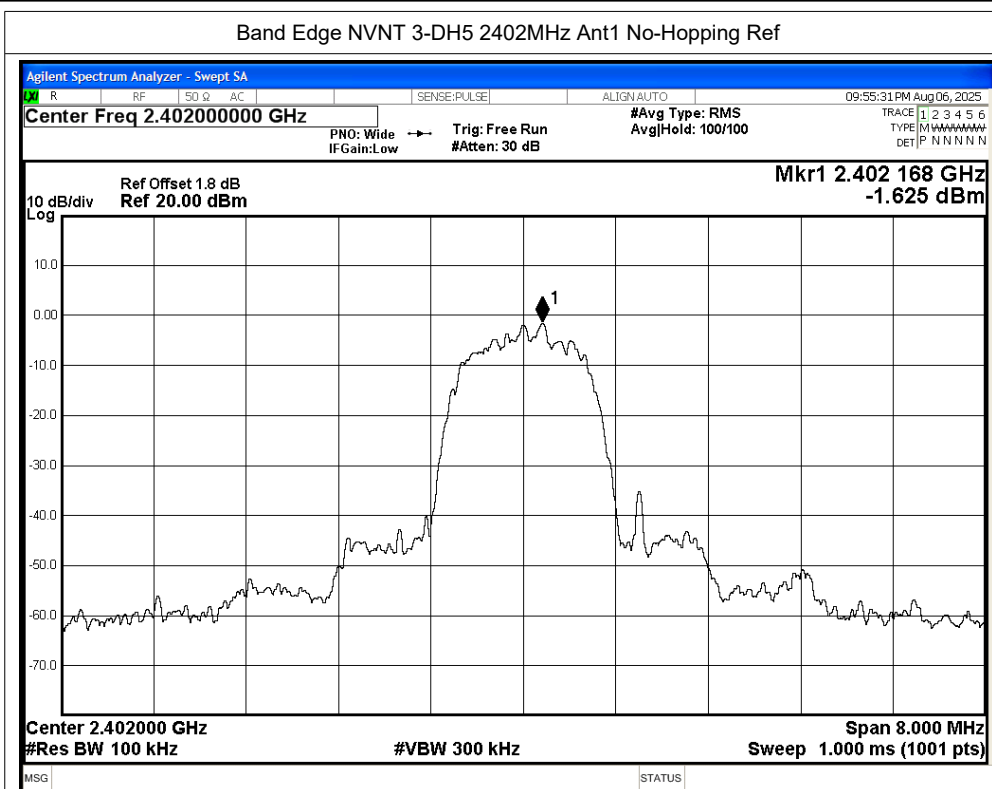




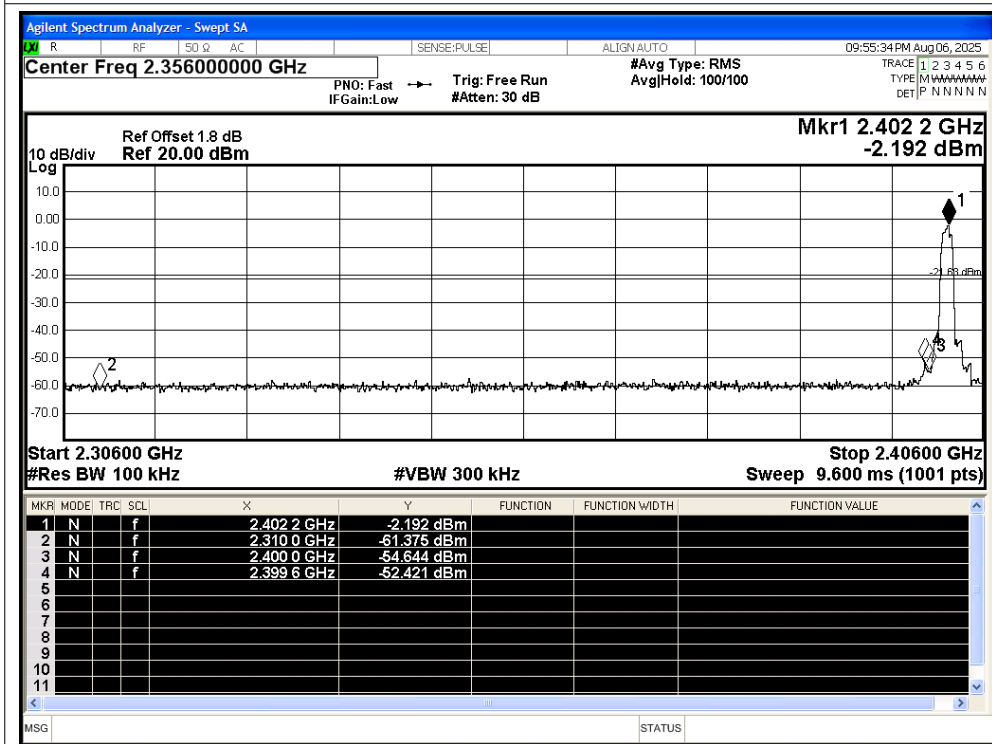
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

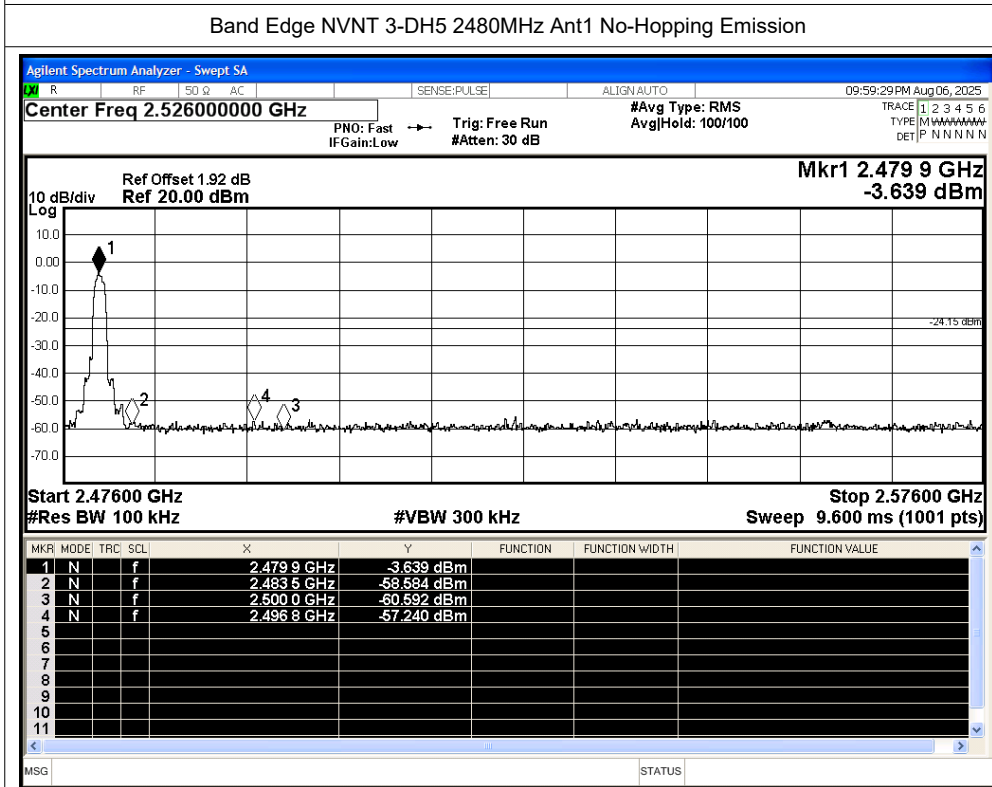
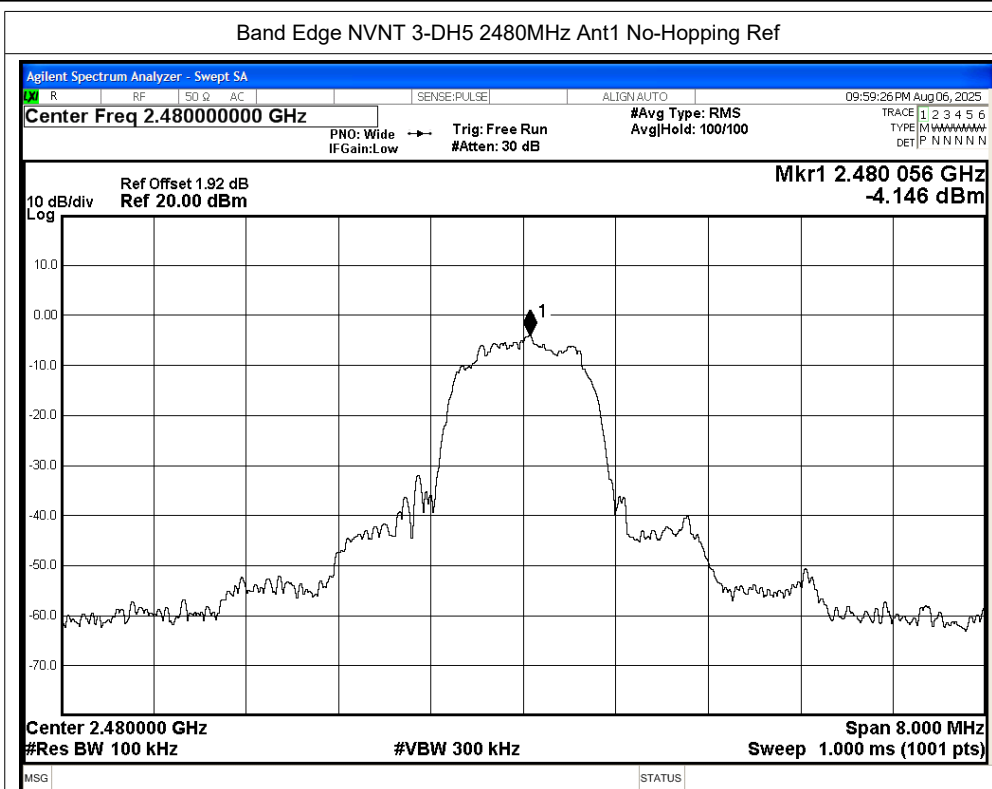






Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



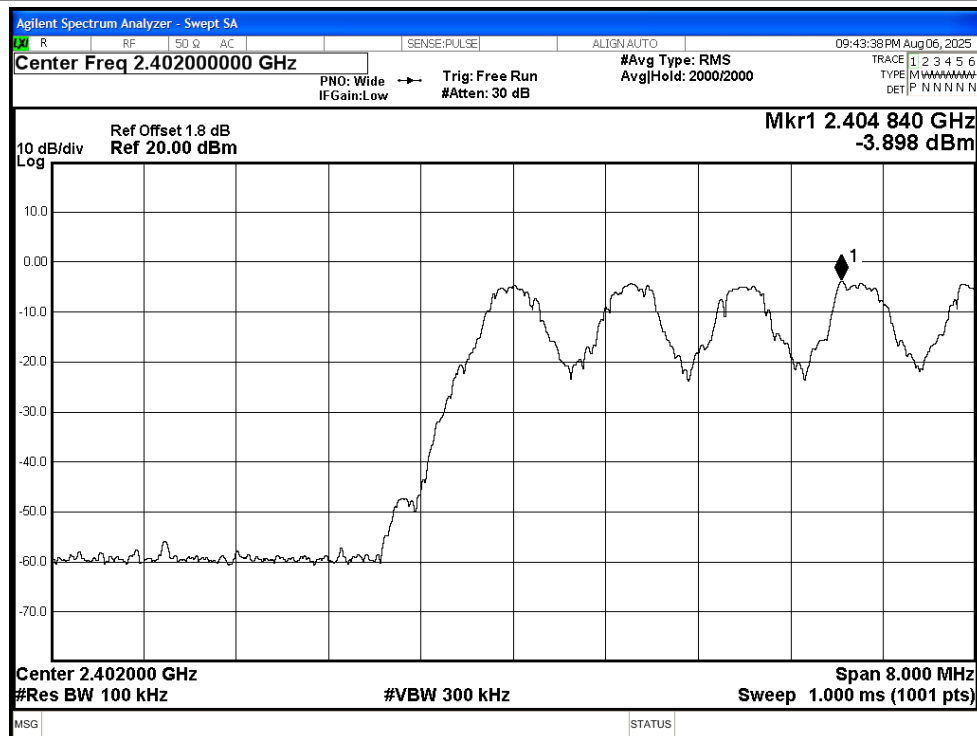


Band Edge(Hopping)

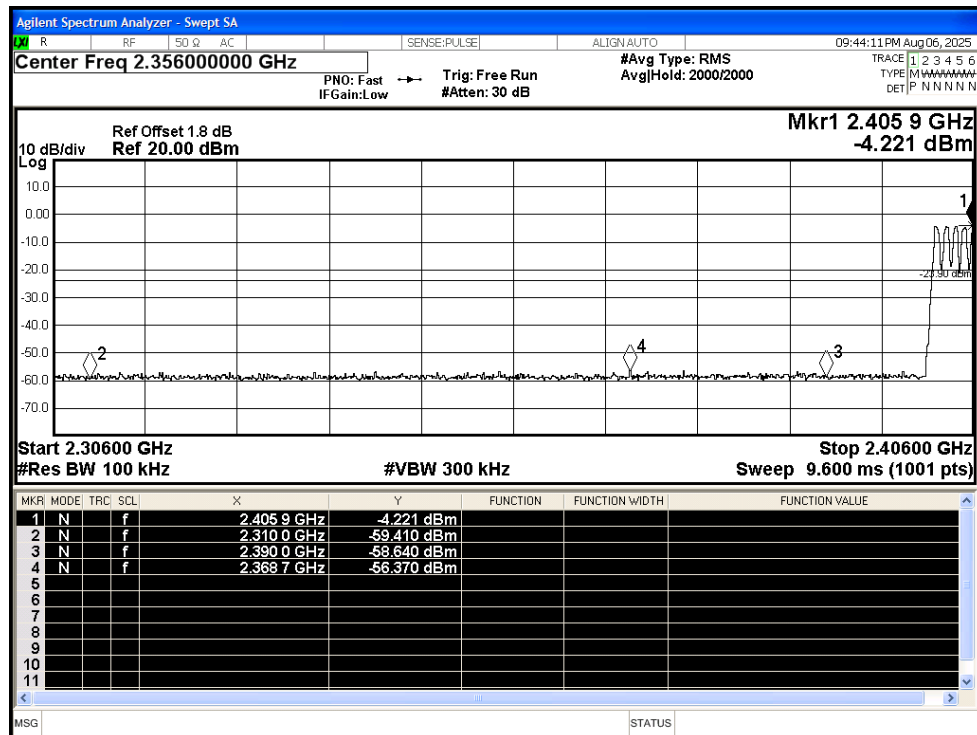
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-52.47	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-53.61	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-51.36	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.05	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-52.03	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-53.53	-20	Pass

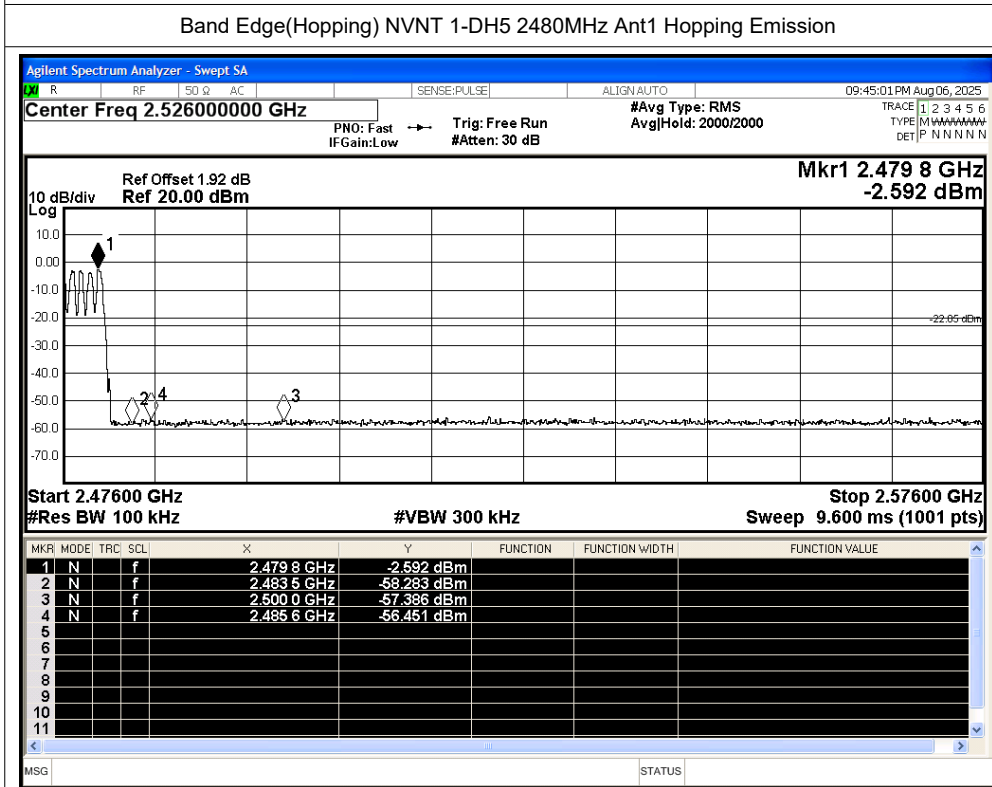
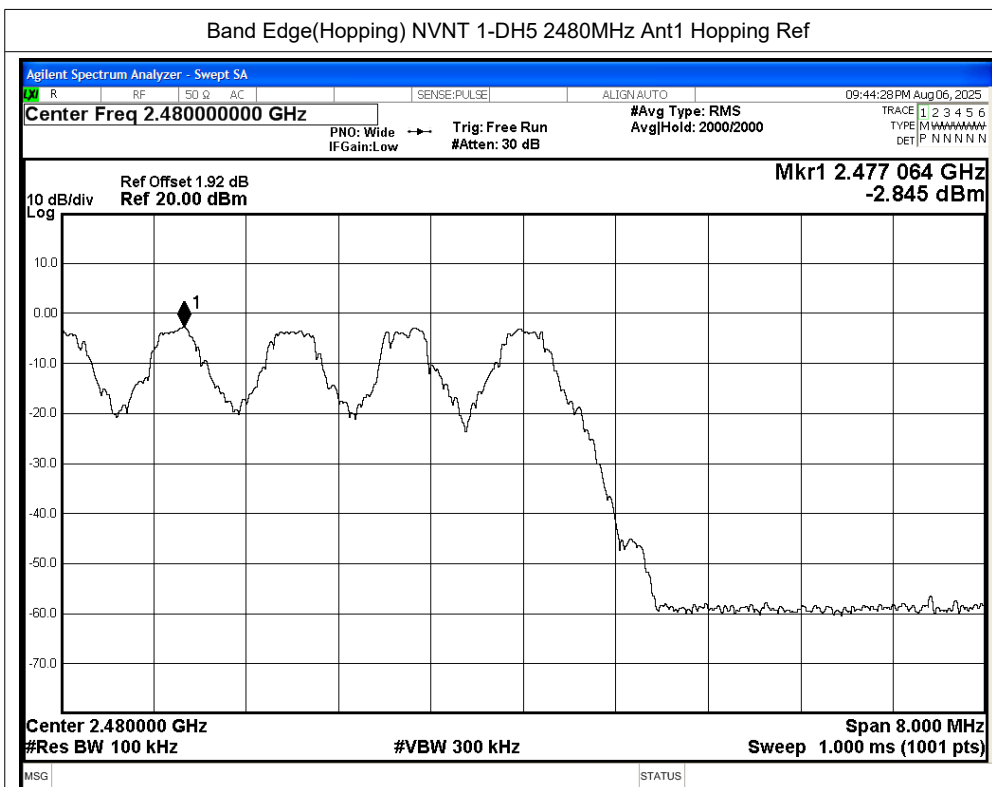
Test Graphs

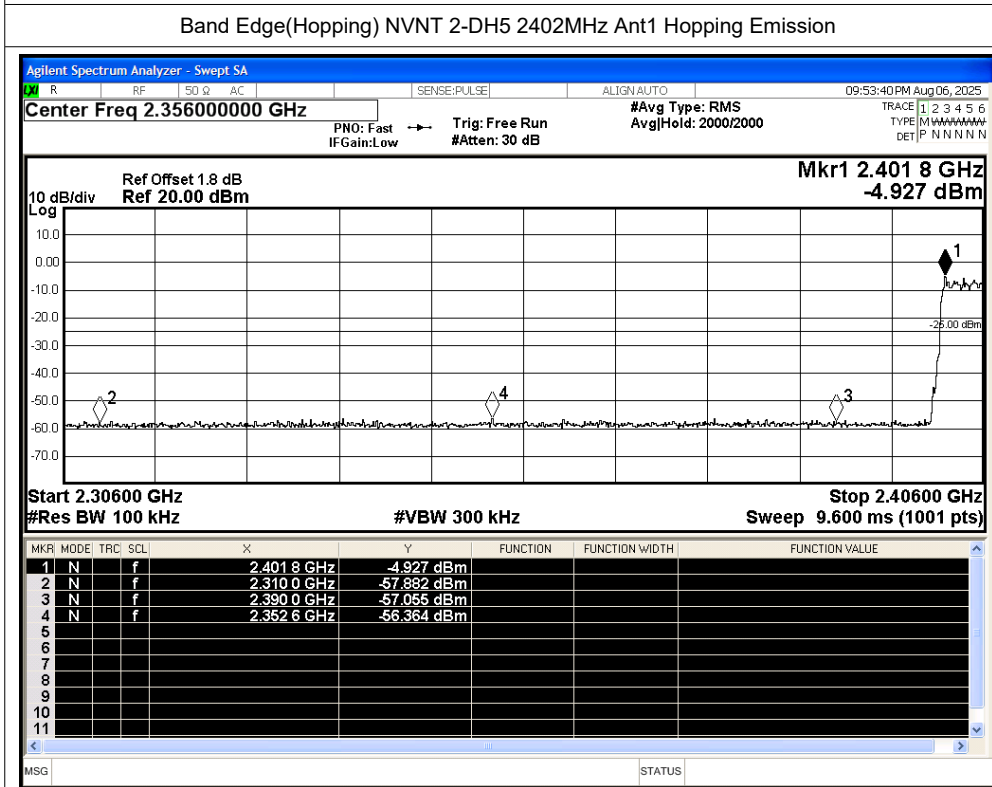
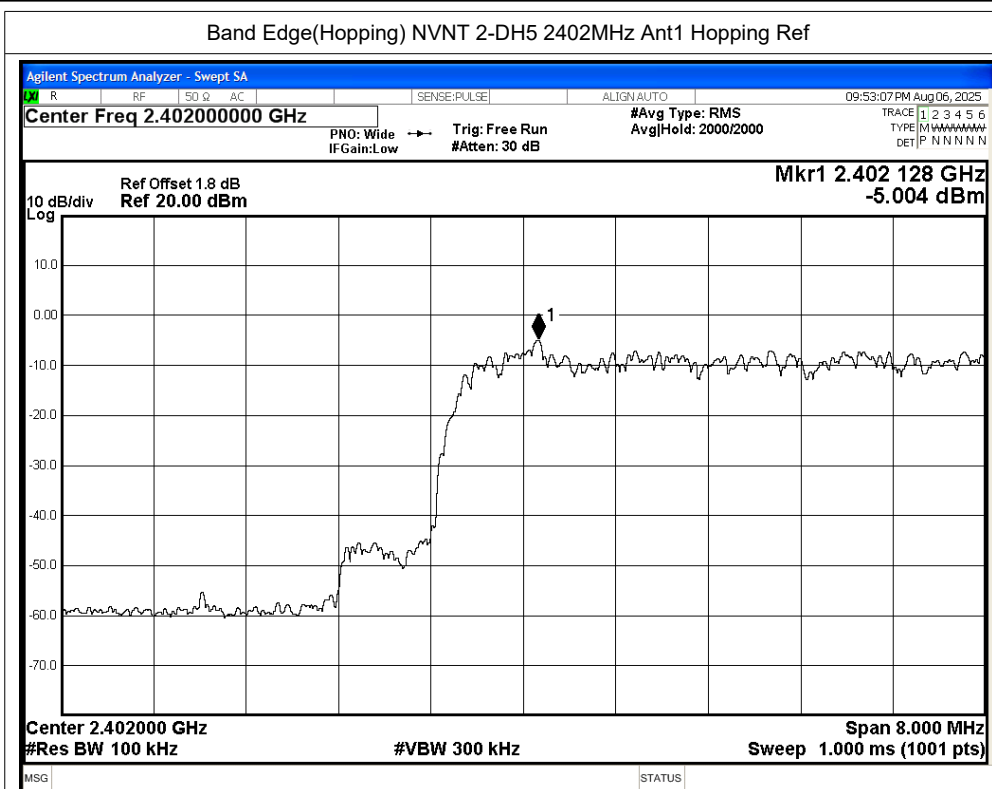
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



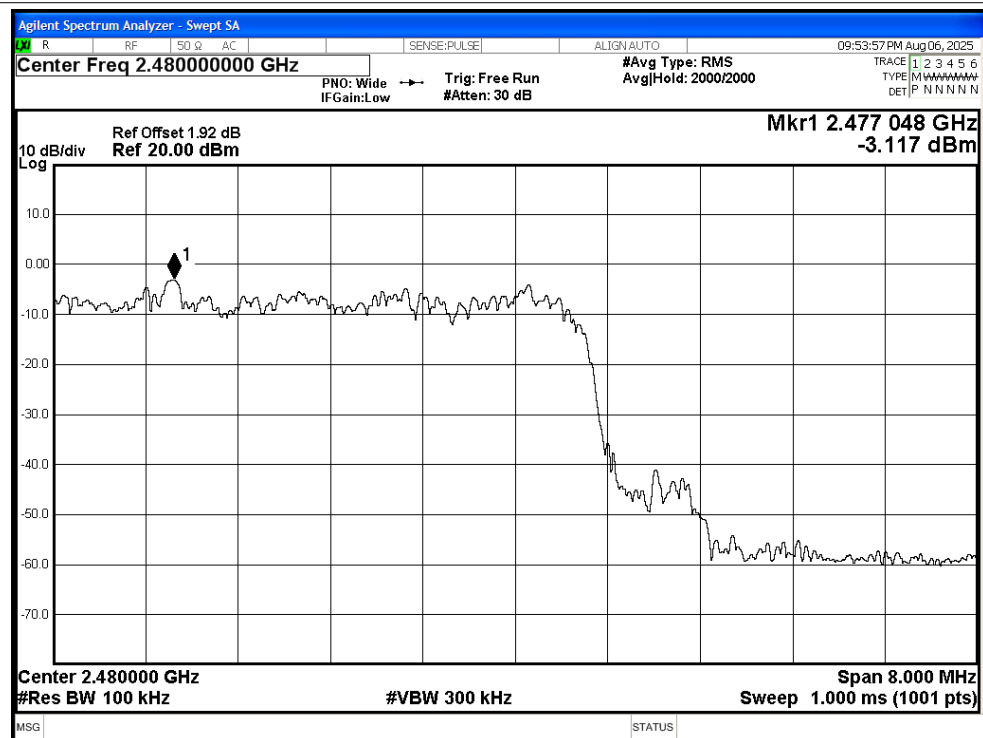
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



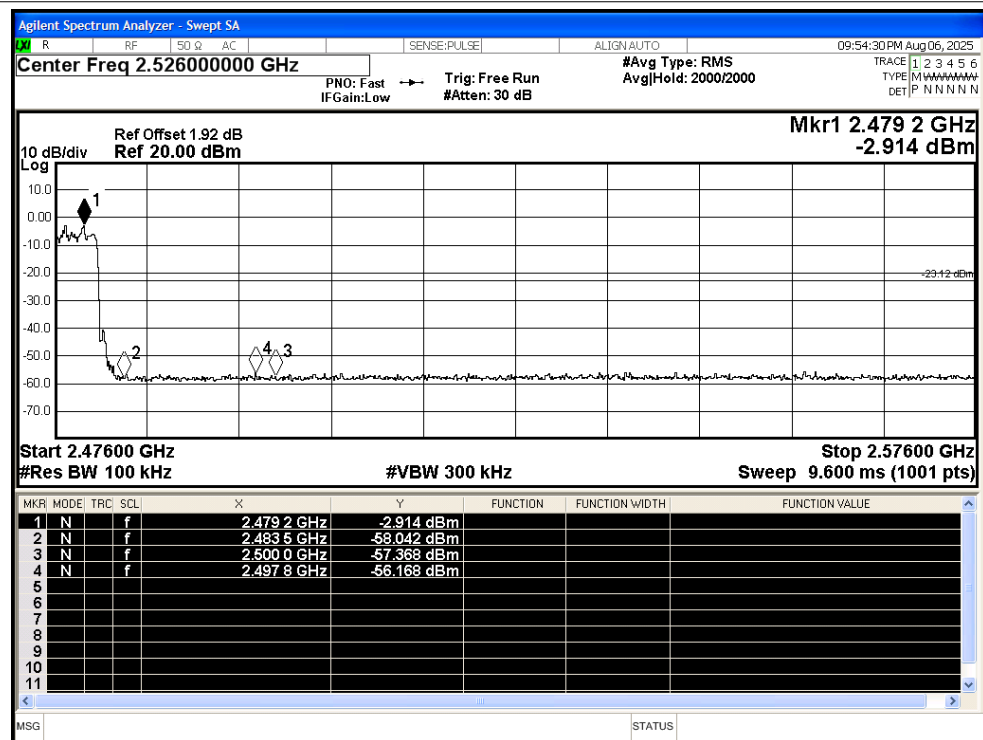


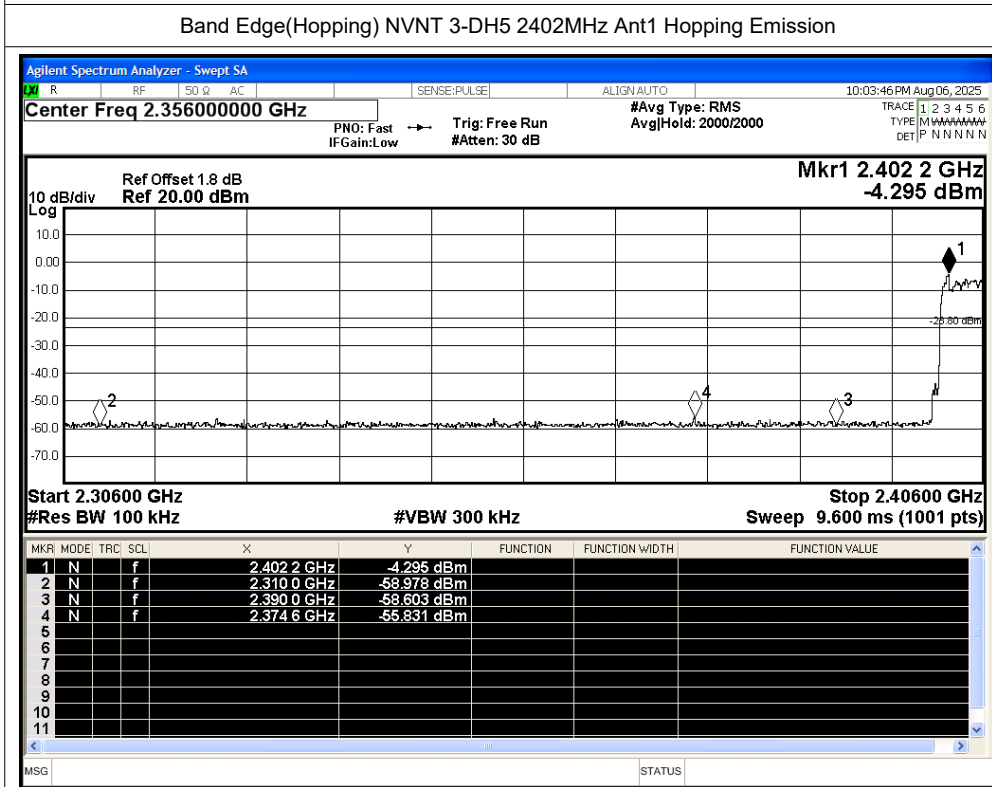
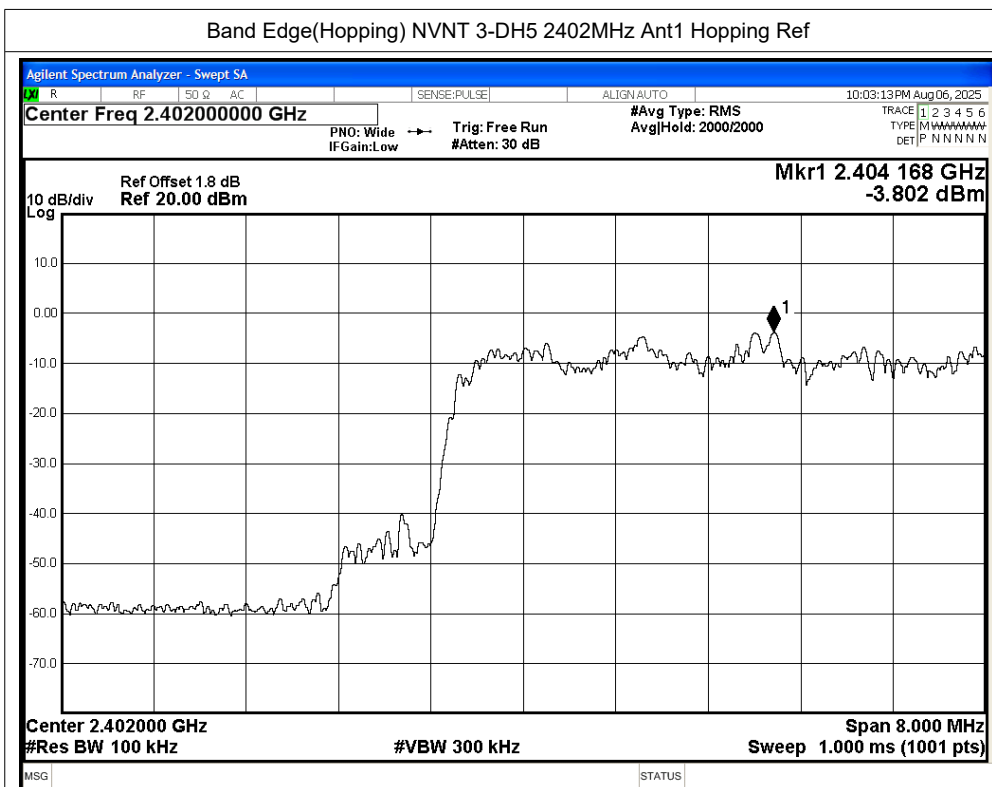


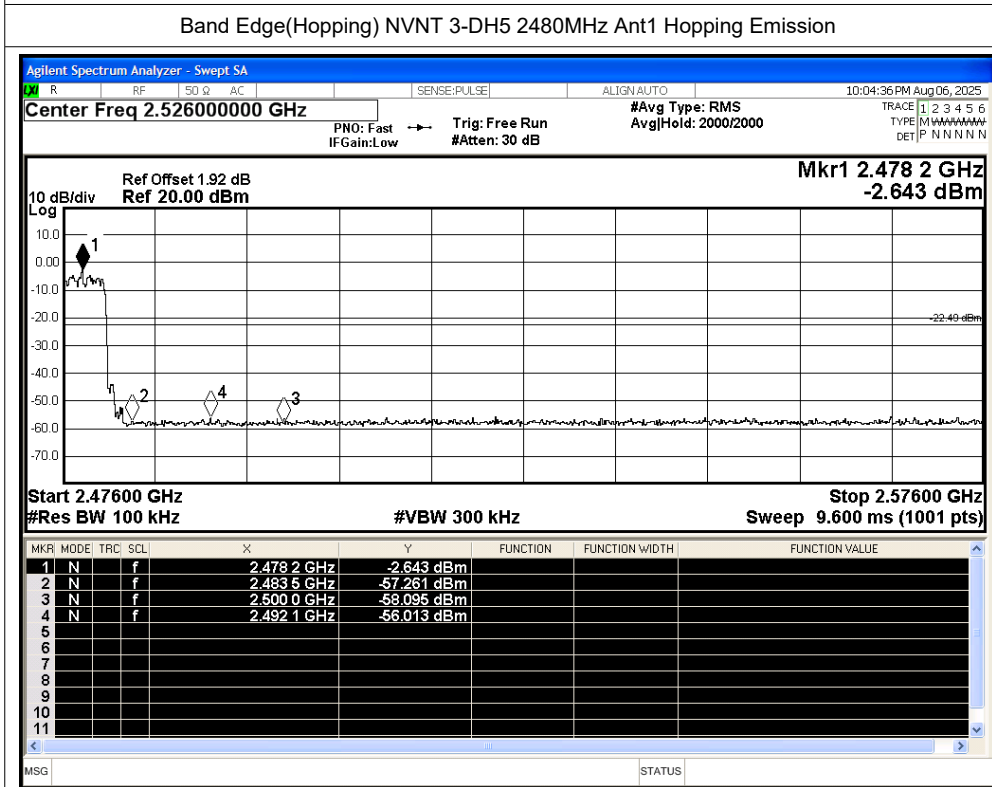
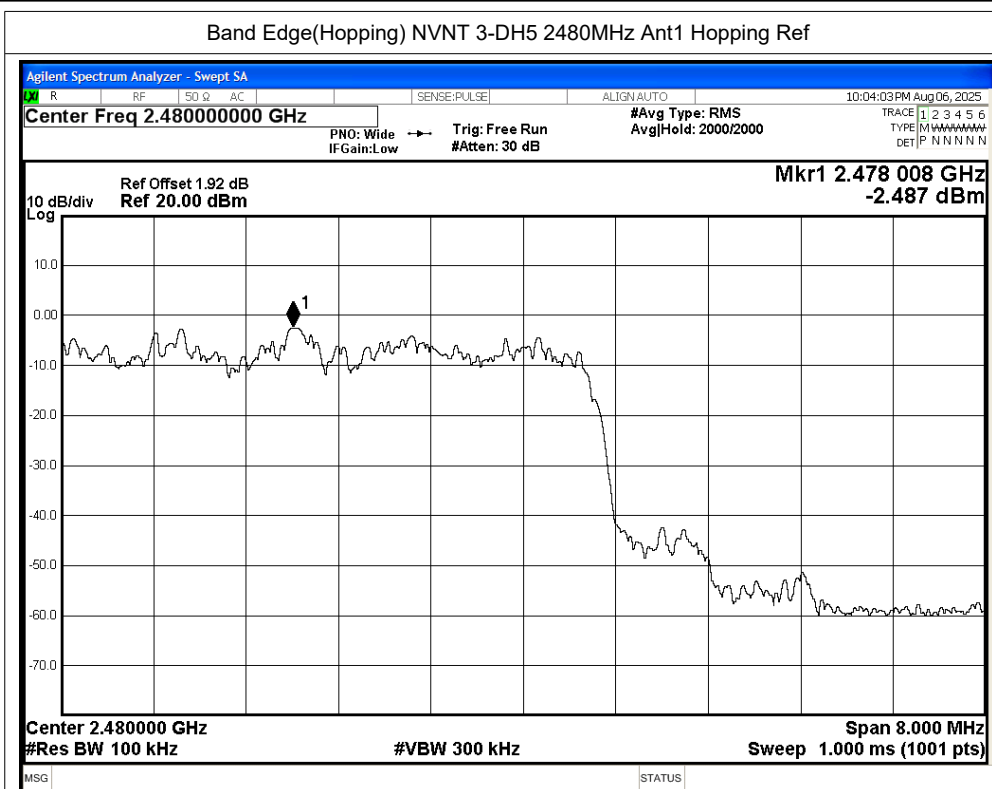
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission





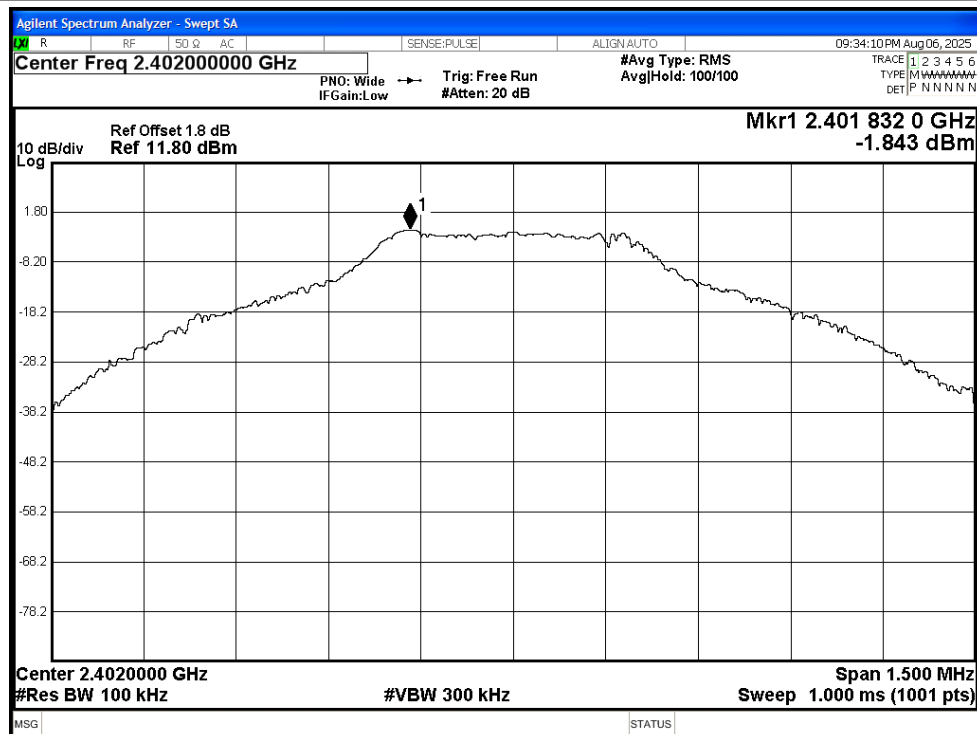


Conducted RF Spurious Emission

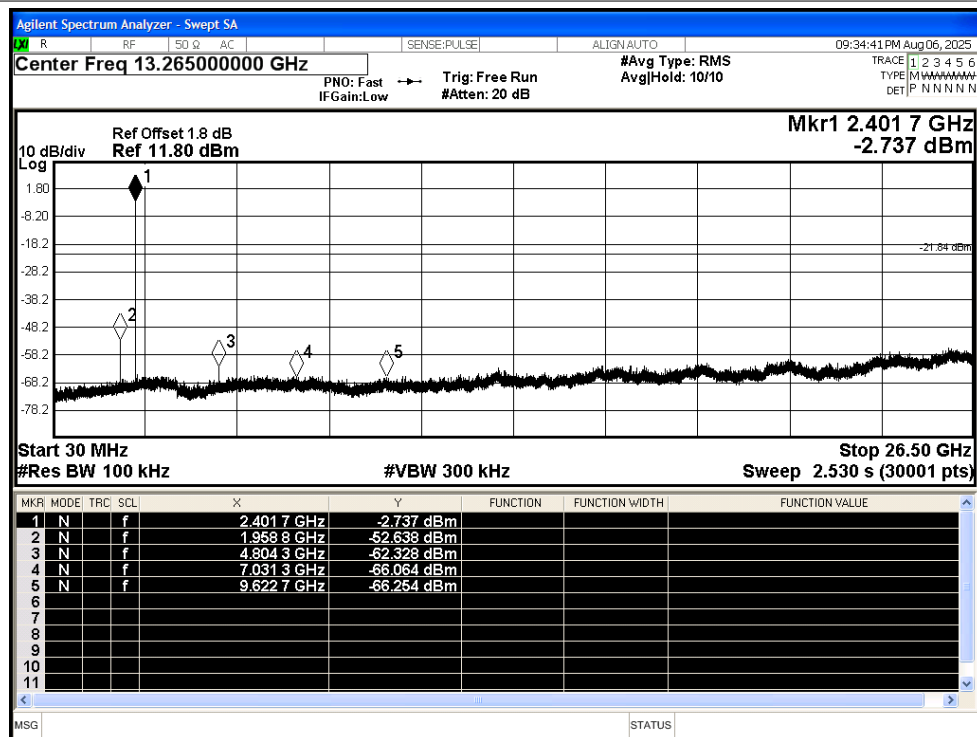
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-50.8	-20	Pass
NVNT	1-DH5	2441	Ant1	-53.44	-20	Pass
NVNT	1-DH5	2480	Ant1	-53.1	-20	Pass
NVNT	2-DH5	2402	Ant1	-54.14	-20	Pass
NVNT	2-DH5	2441	Ant1	-54.1	-20	Pass
NVNT	2-DH5	2480	Ant1	-52.26	-20	Pass
NVNT	3-DH5	2402	Ant1	-52.59	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.07	-20	Pass
NVNT	3-DH5	2480	Ant1	-52.04	-20	Pass

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



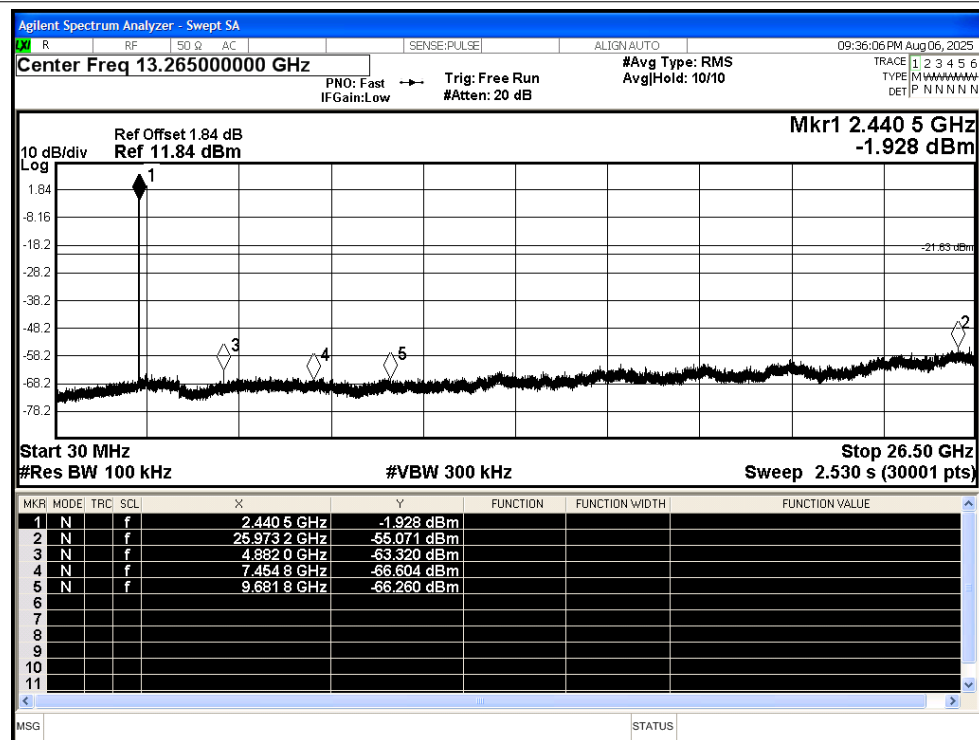
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



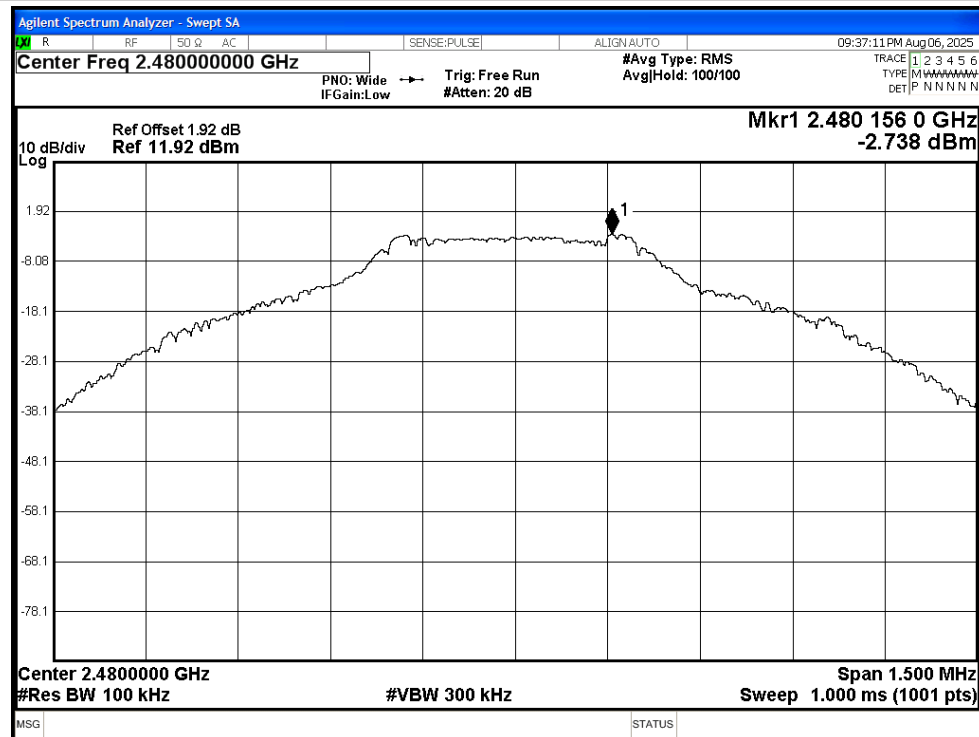
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



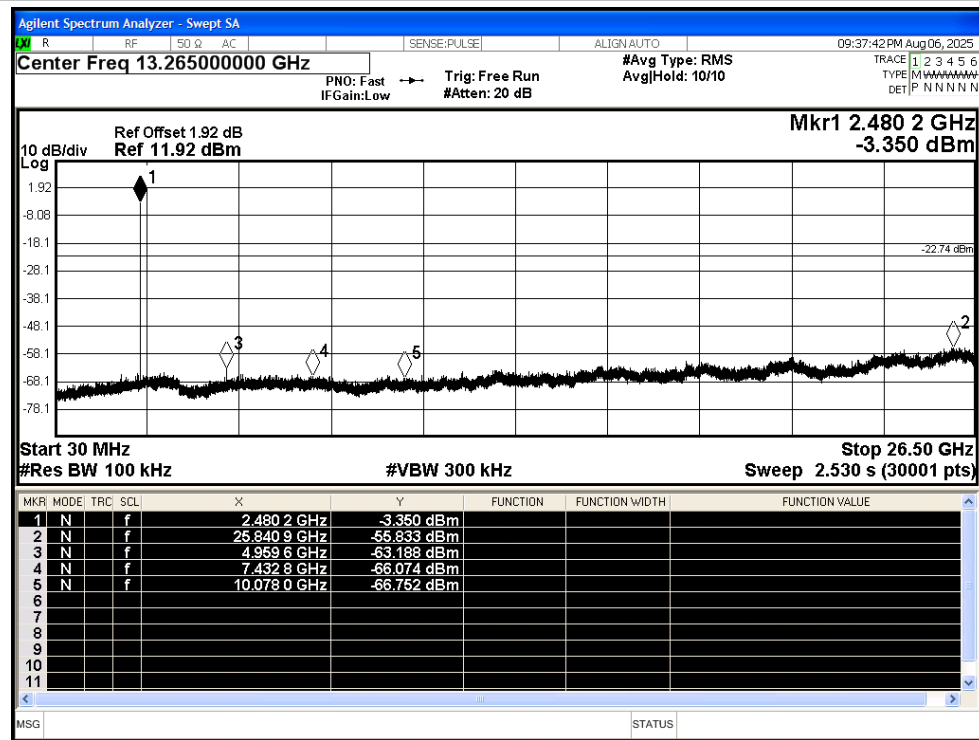
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



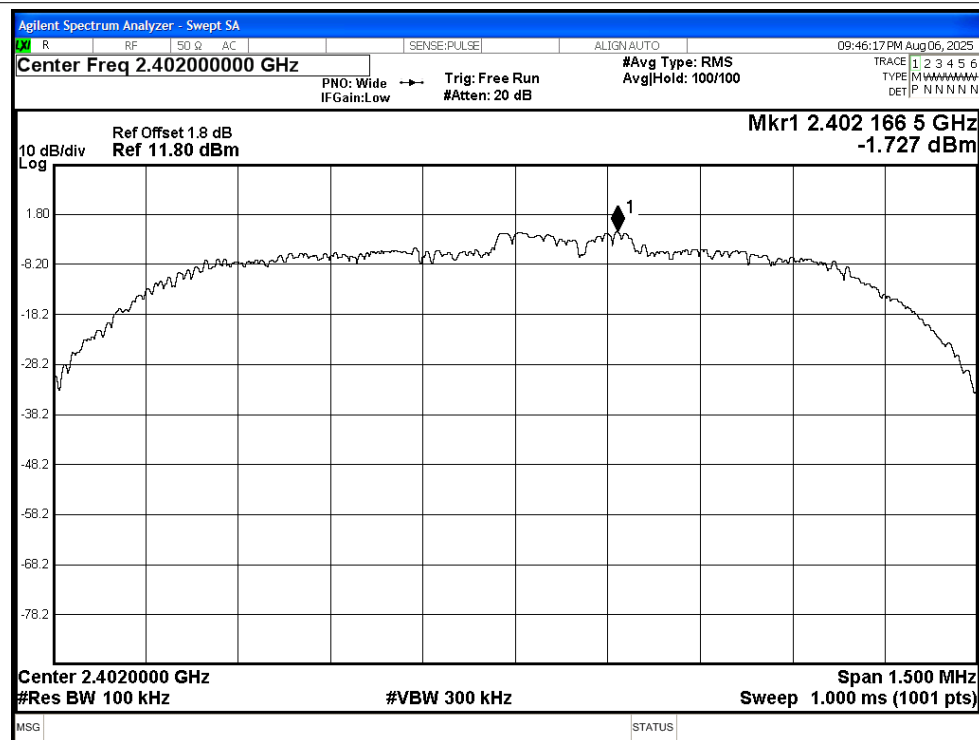
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



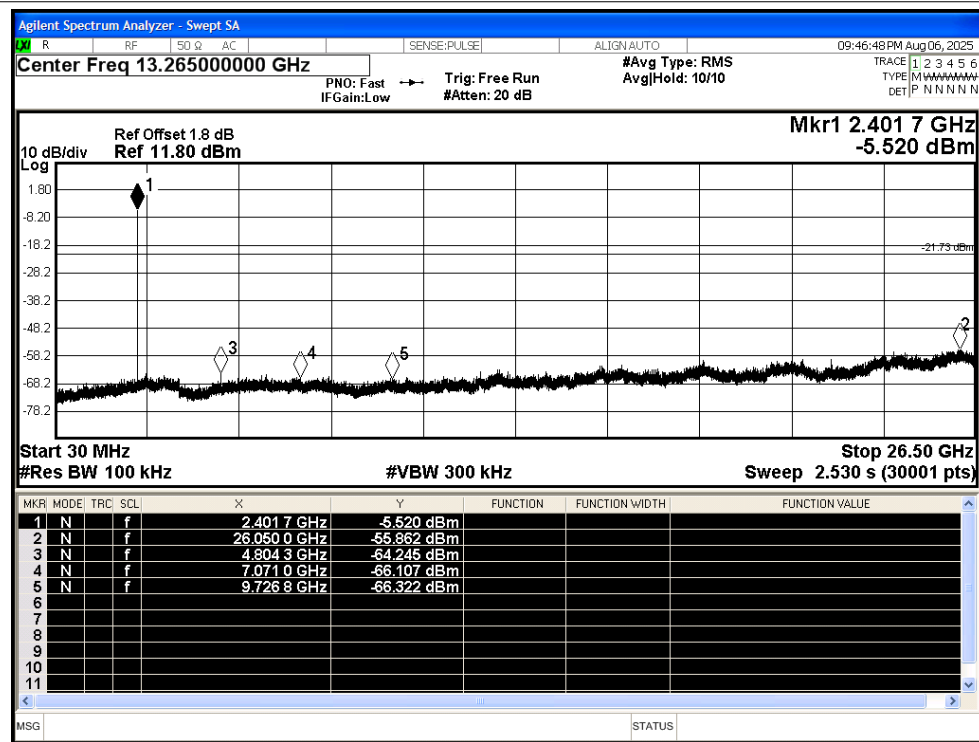
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



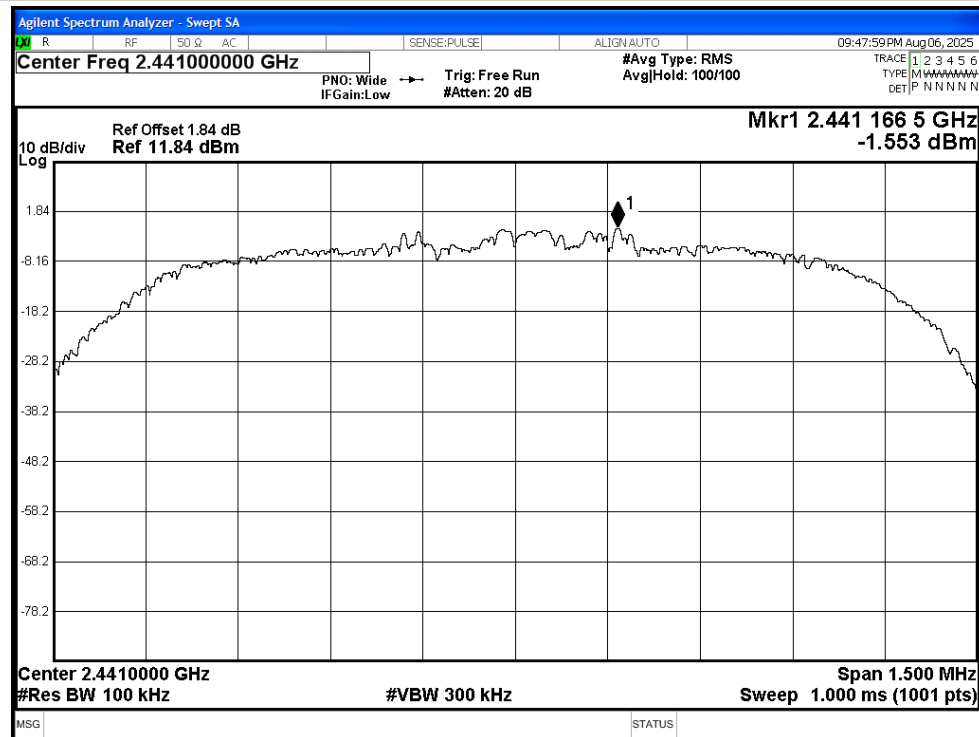
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



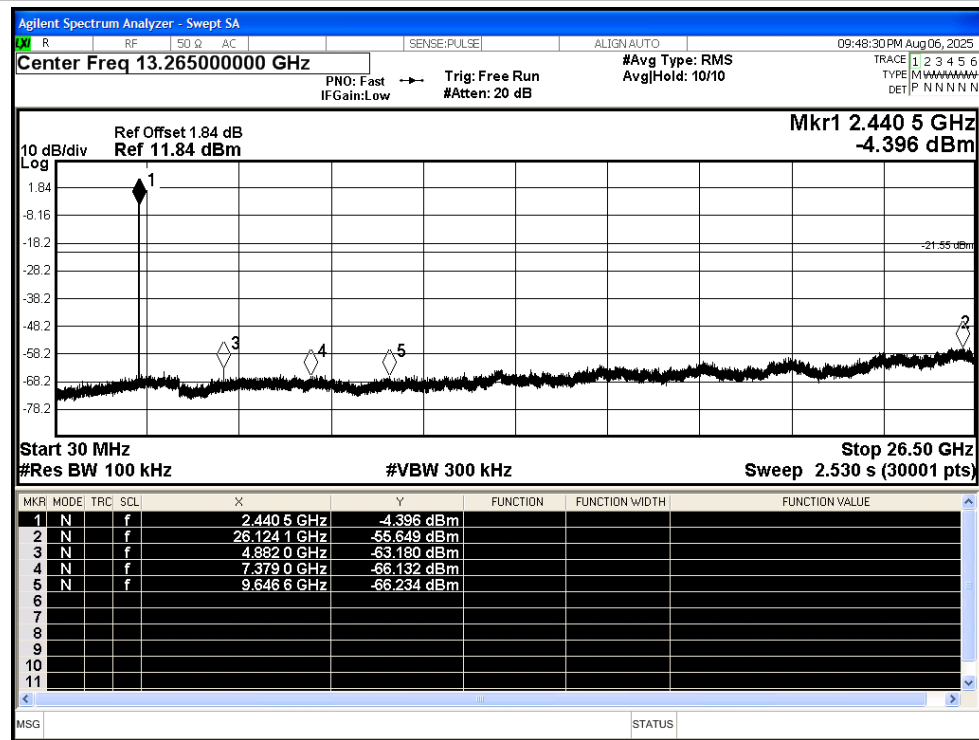
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

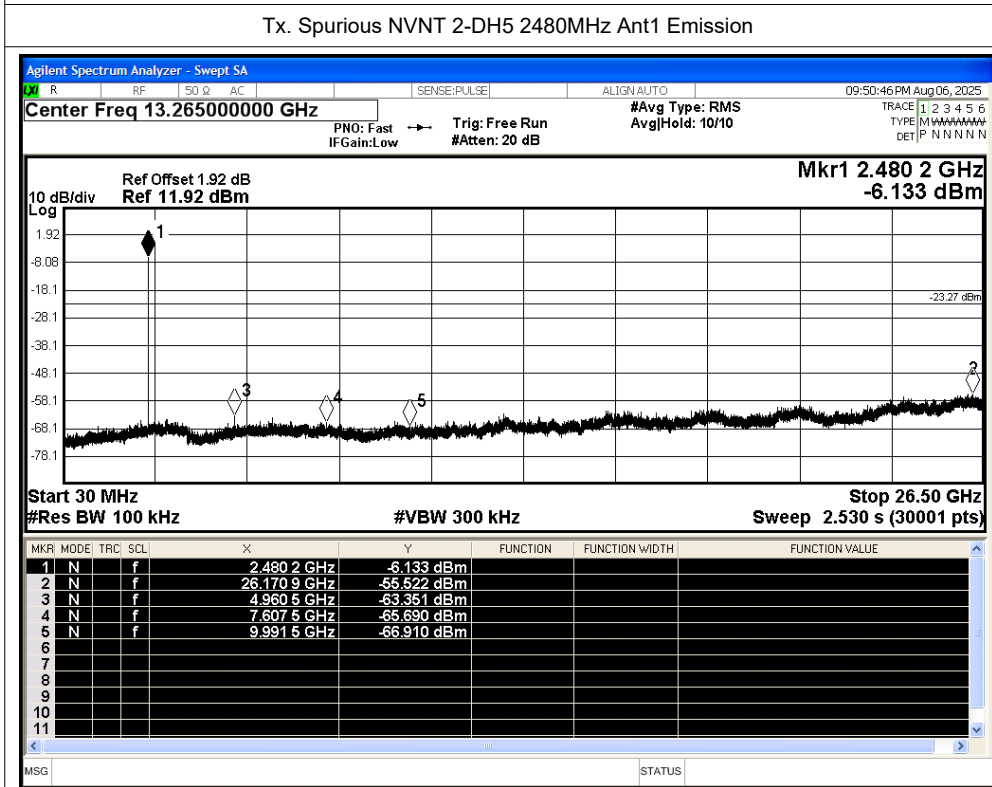
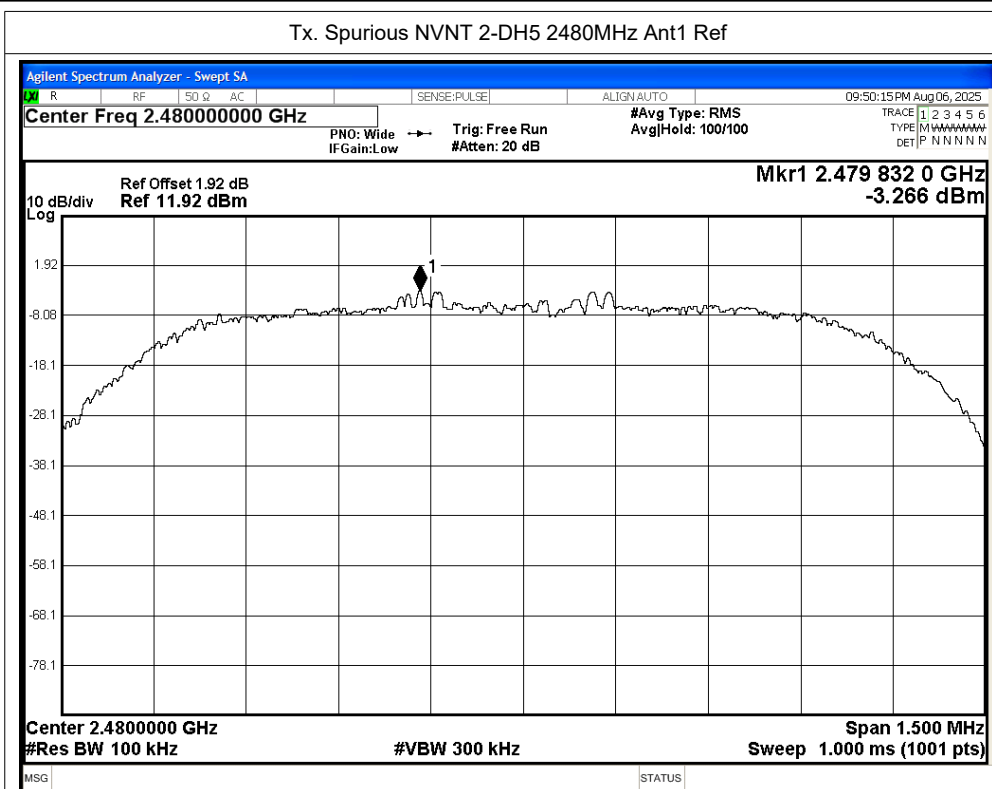


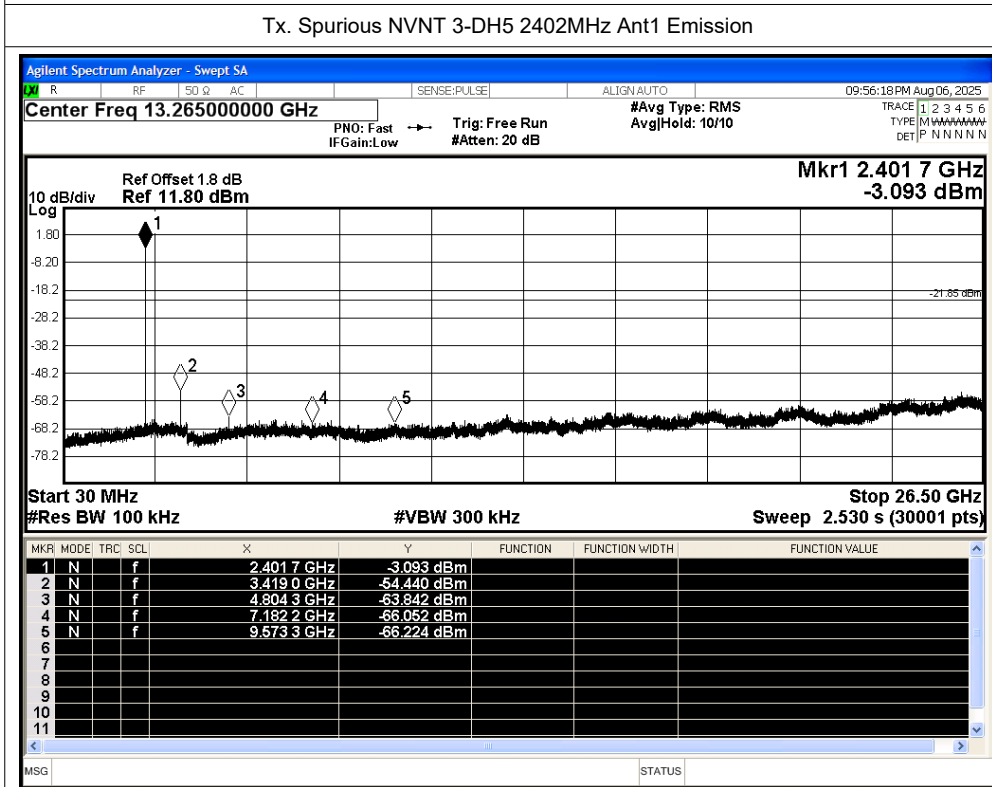
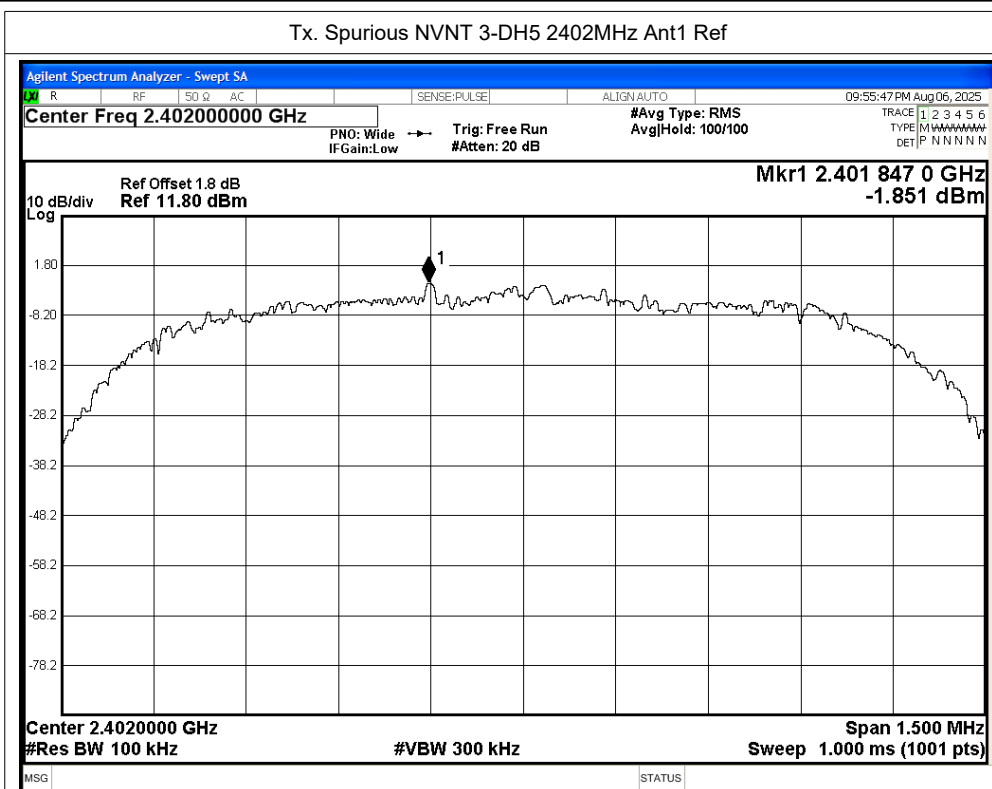
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



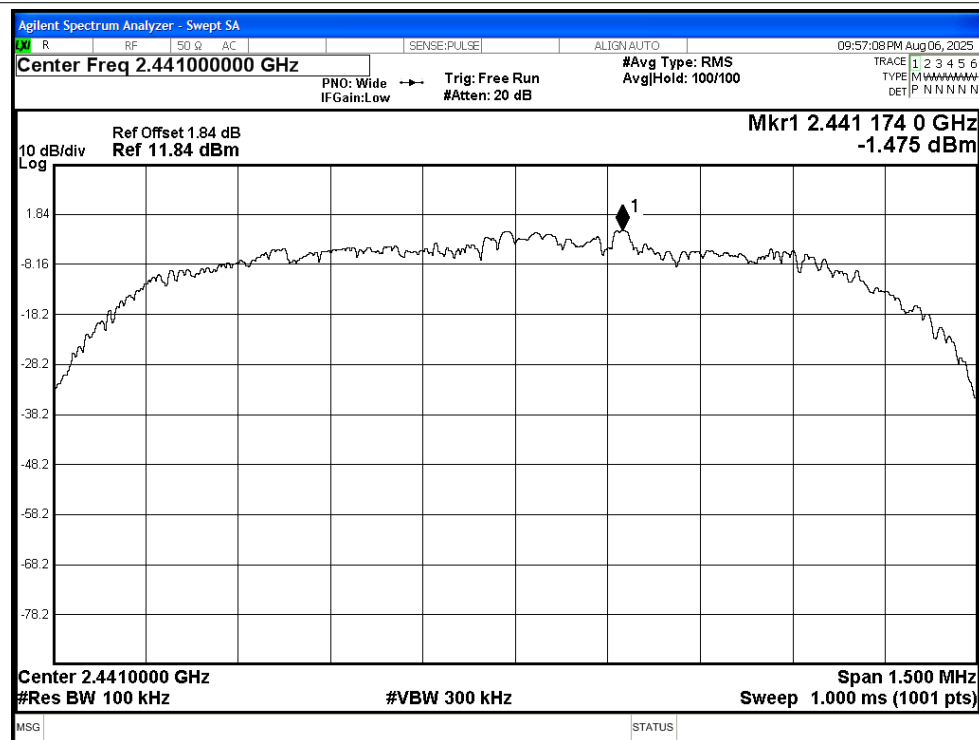
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



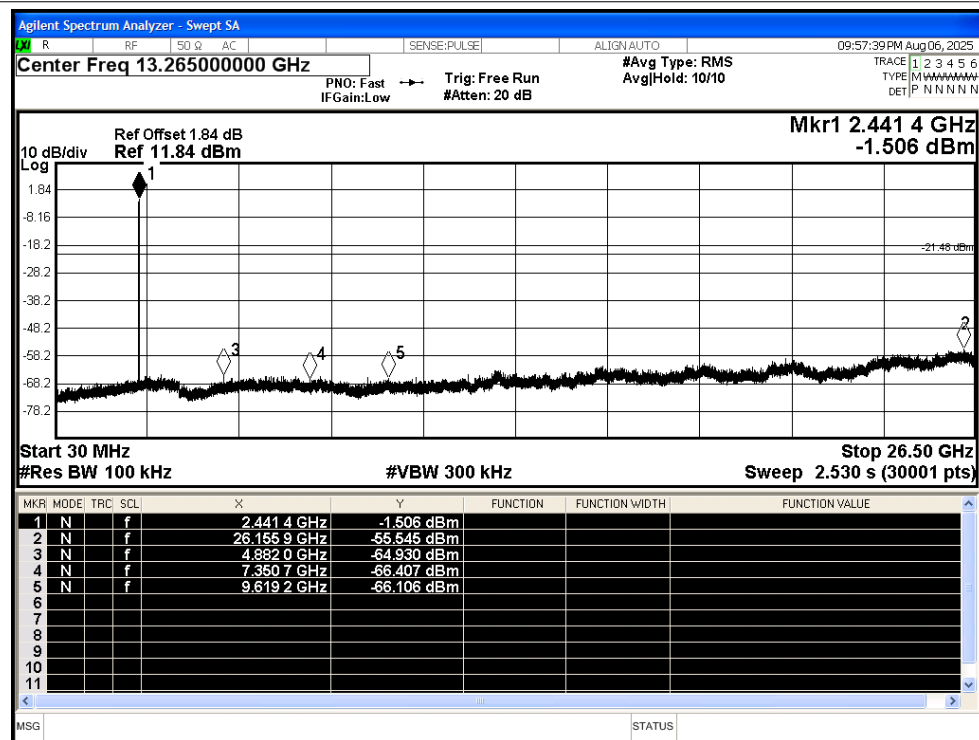




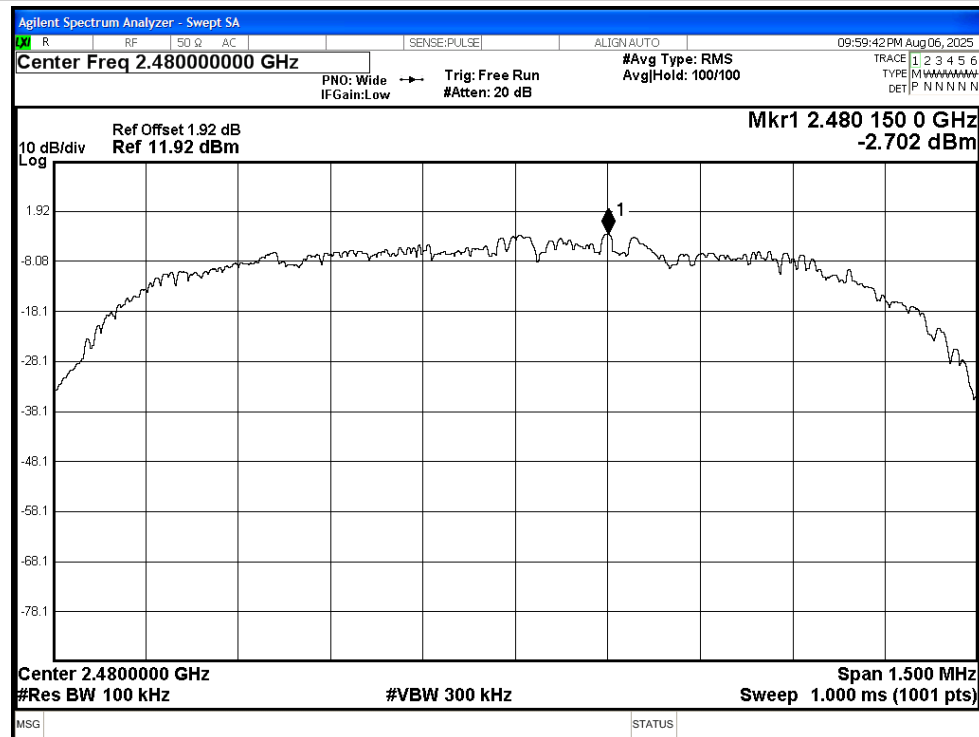
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



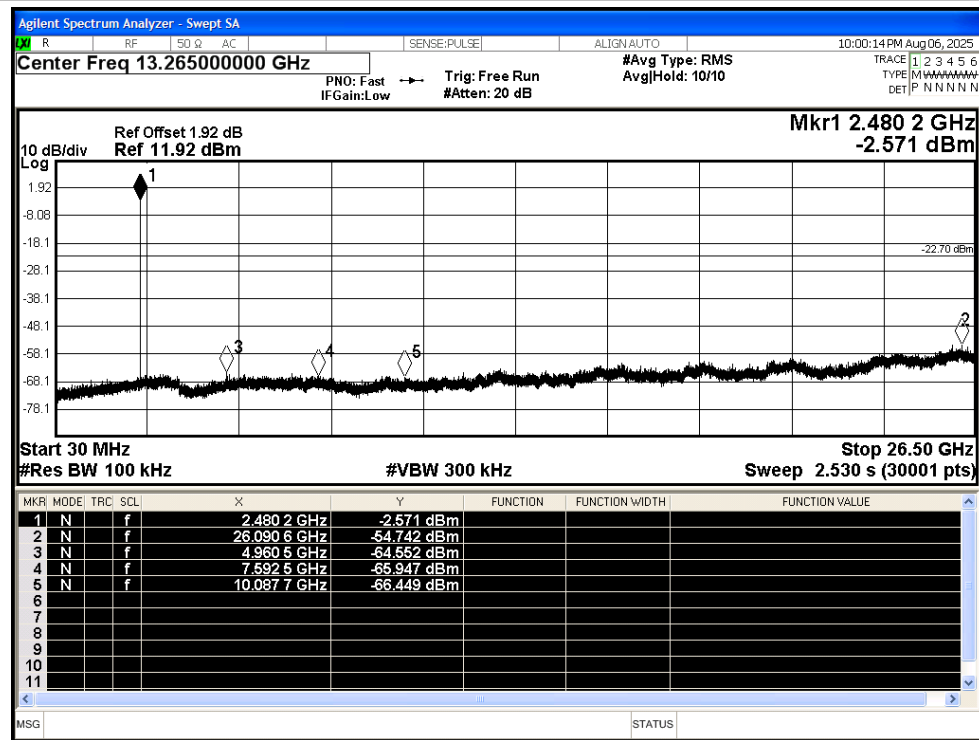
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



***** End of Report *****