

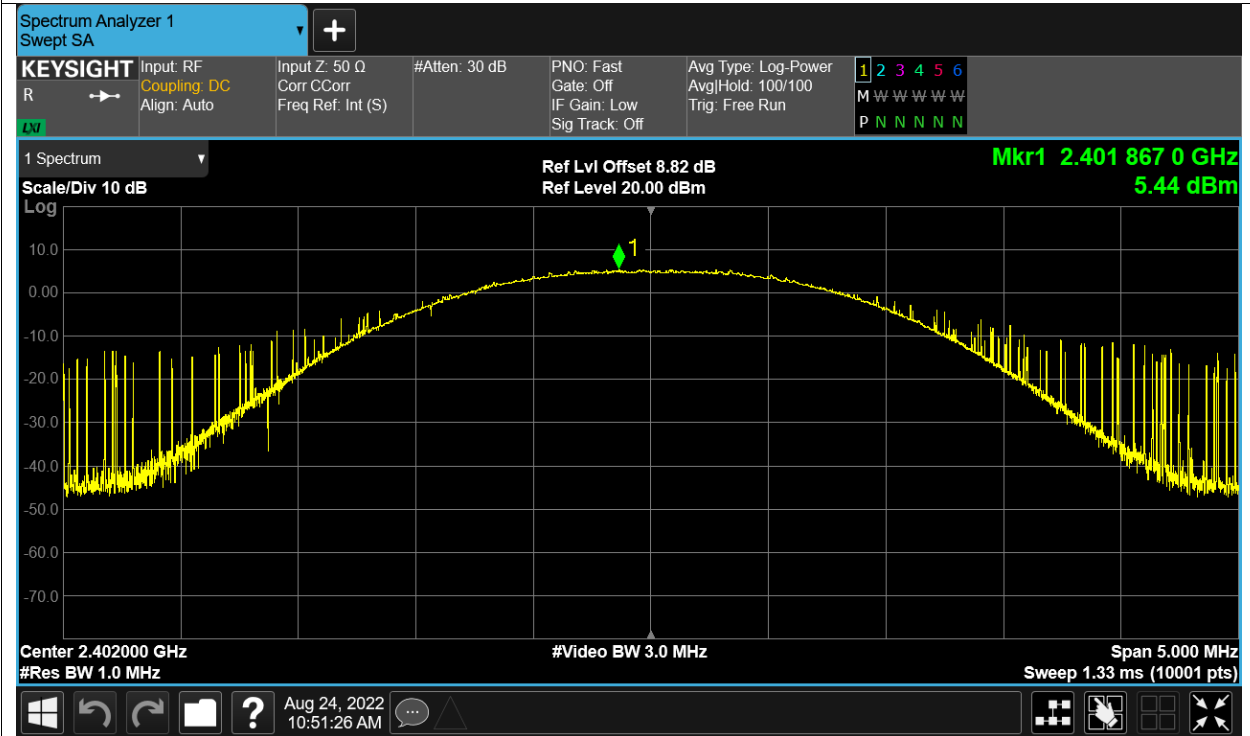
Appendix A – BT

Maximum Conducted Output Power

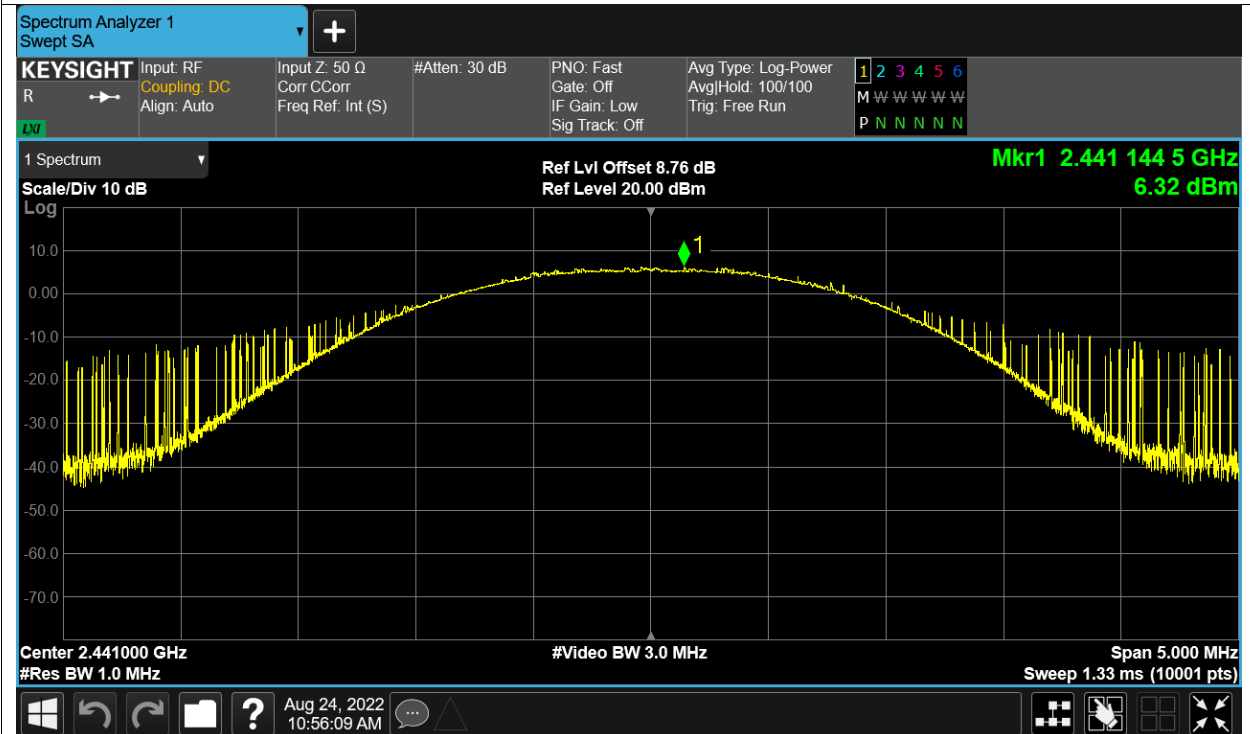
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	5.439	30	Pass
NVNT	1-DH1	2441	Ant1	6.324	30	Pass
NVNT	1-DH1	2480	Ant1	6.895	30	Pass
NVNT	2-DH1	2402	Ant1	5.453	21	Pass
NVNT	2-DH1	2441	Ant1	6.413	21	Pass
NVNT	2-DH1	2480	Ant1	6.935	21	Pass
NVNT	3-DH1	2402	Ant1	5.547	21	Pass
NVNT	3-DH1	2441	Ant1	6.334	21	Pass
NVNT	3-DH1	2480	Ant1	6.879	21	Pass

Test Graphs

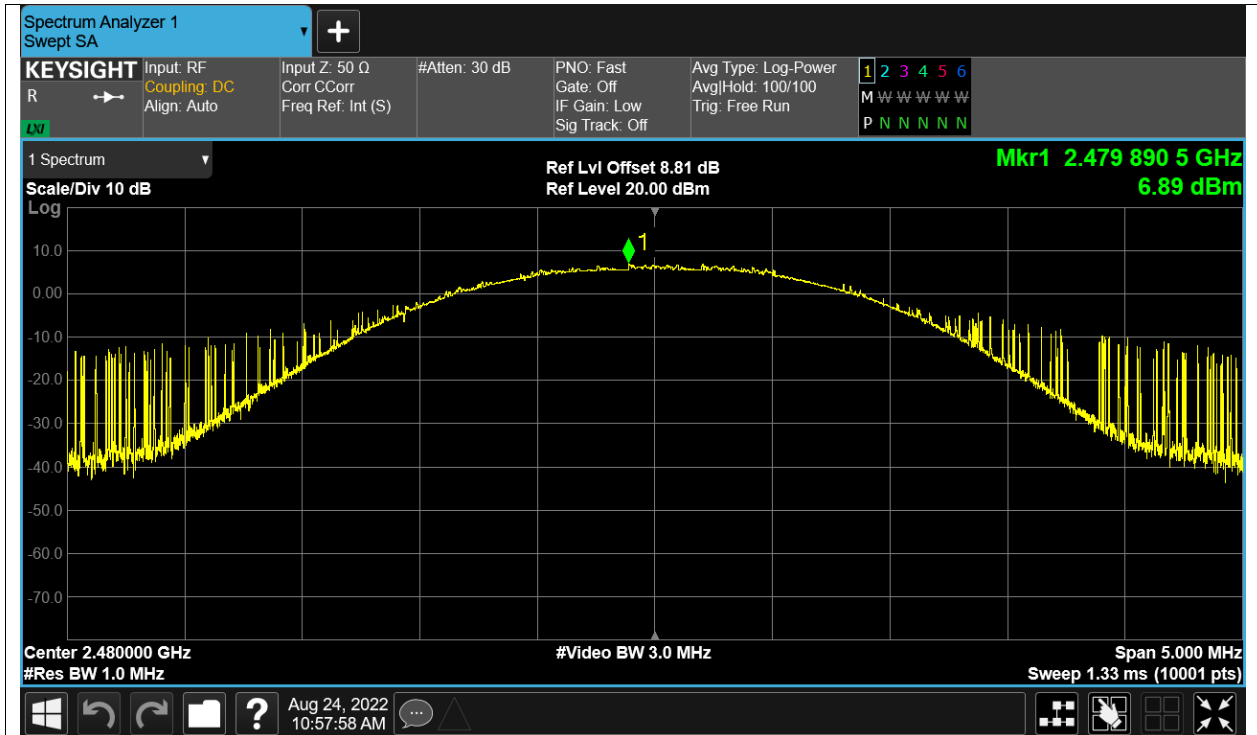
Power NVNT 1-DH1 2402MHz Ant1



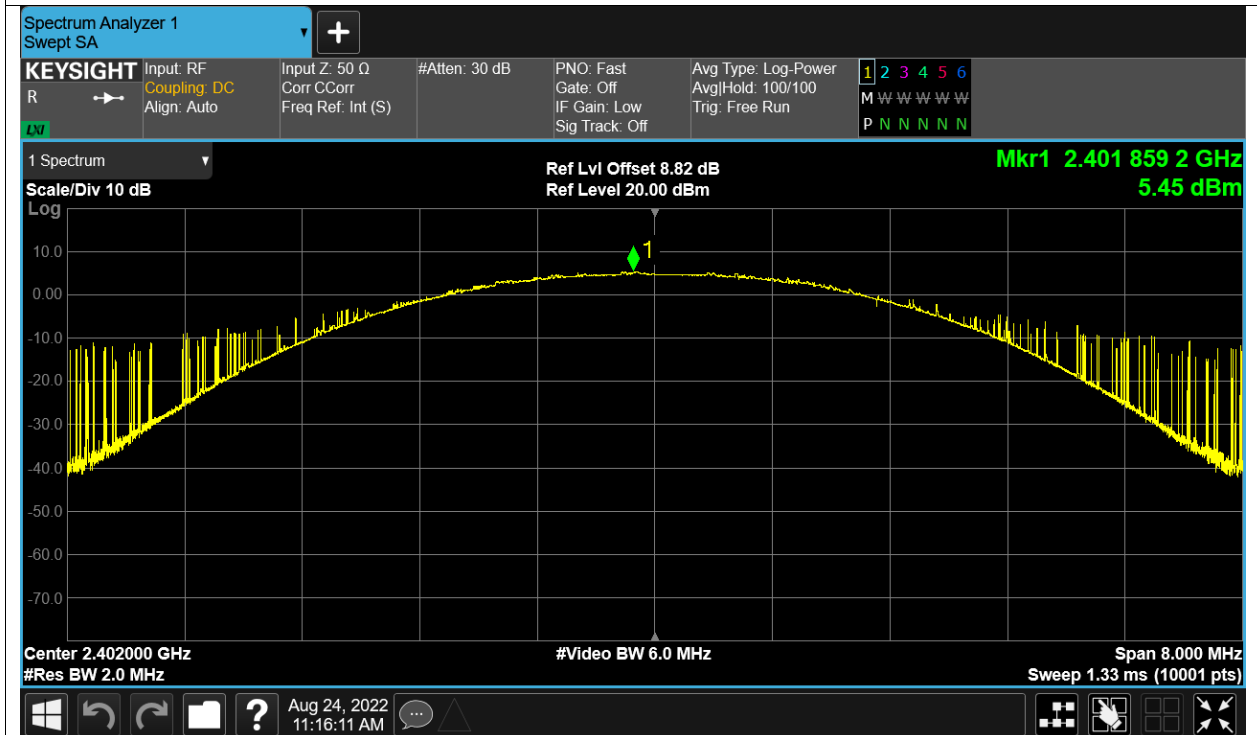
Power NVNT 1-DH1 2441MHz Ant1



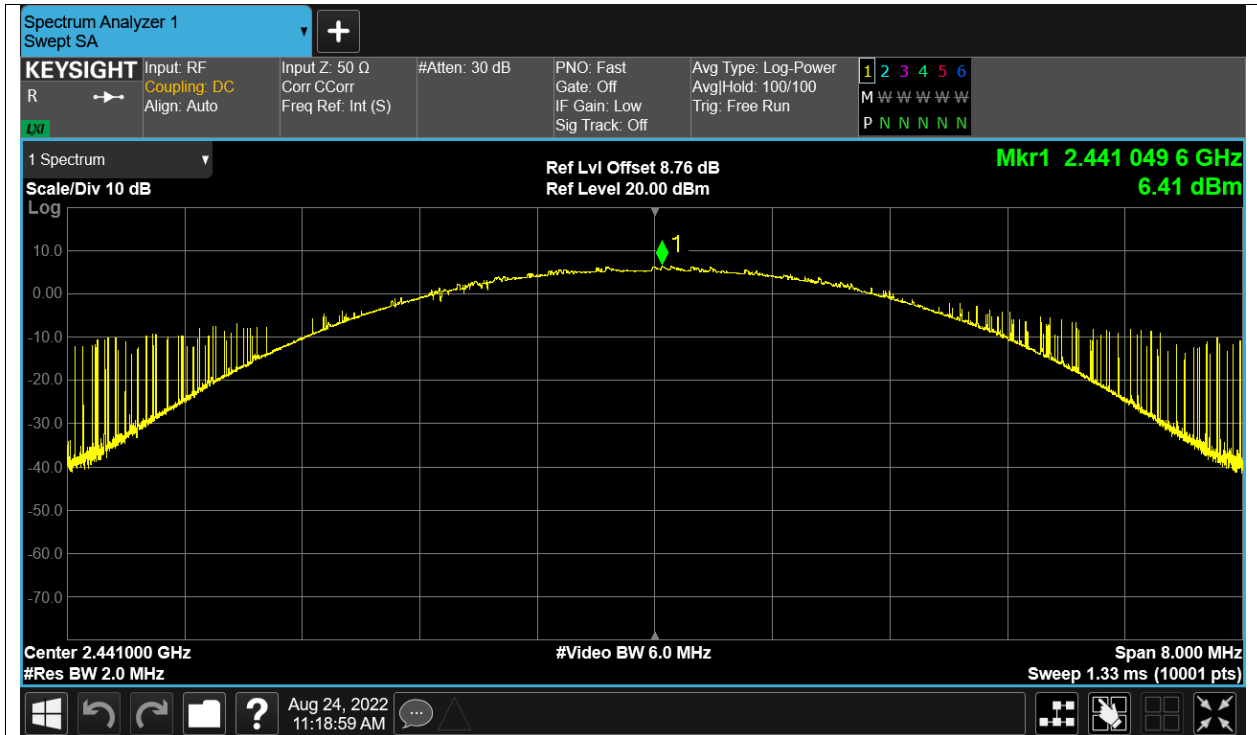
Power NVNT 1-DH1 2480MHz Ant1



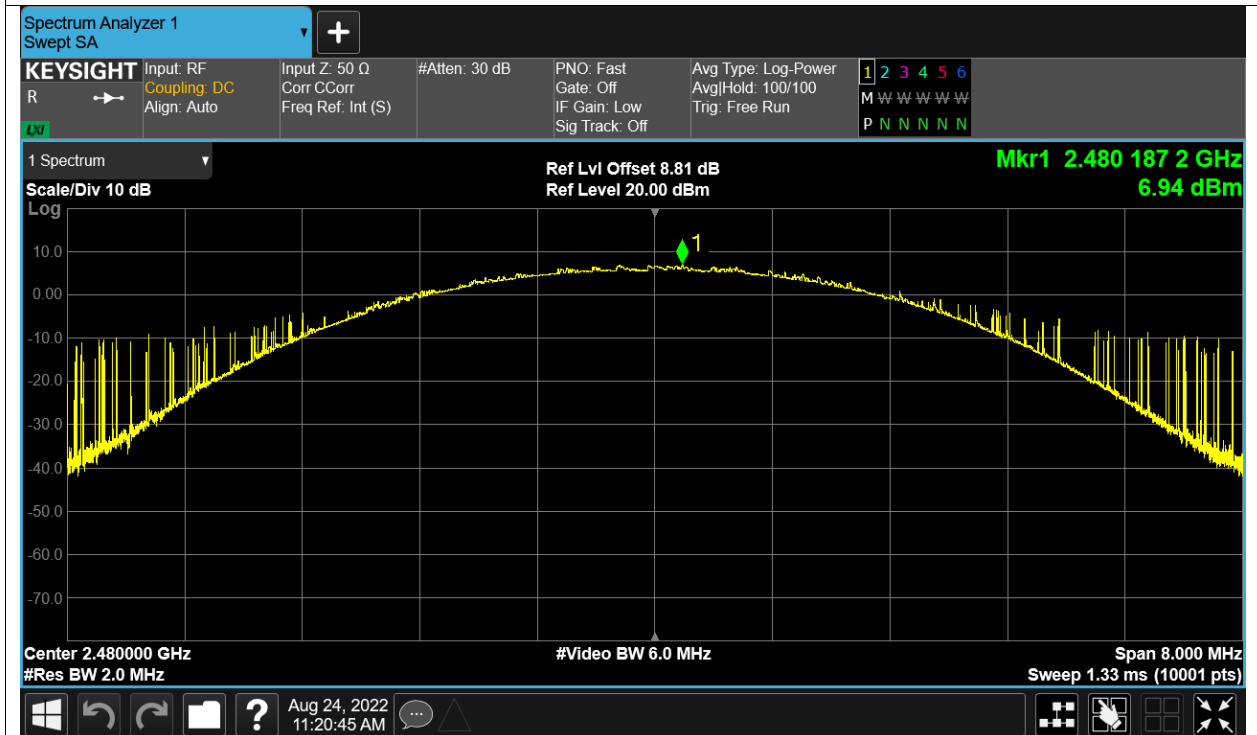
Power NVNT 2-DH1 2402MHz Ant1



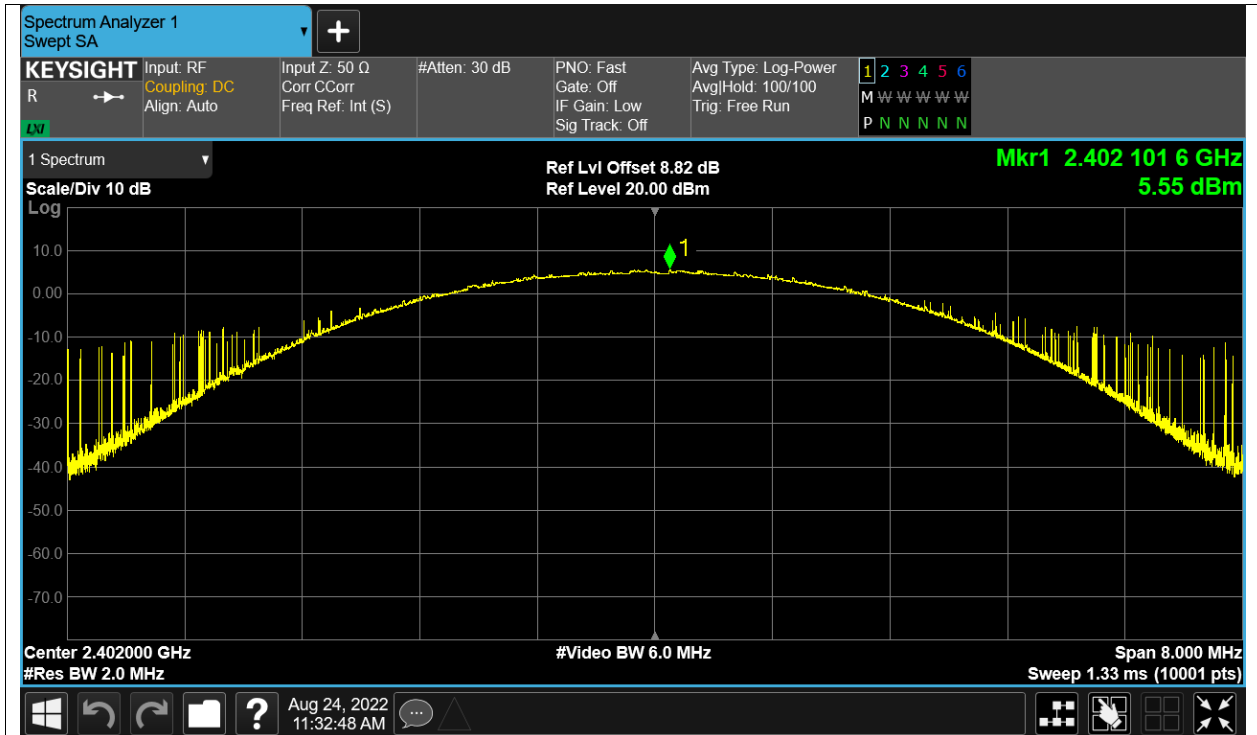
Power NVNT 2-DH1 2441MHz Ant1



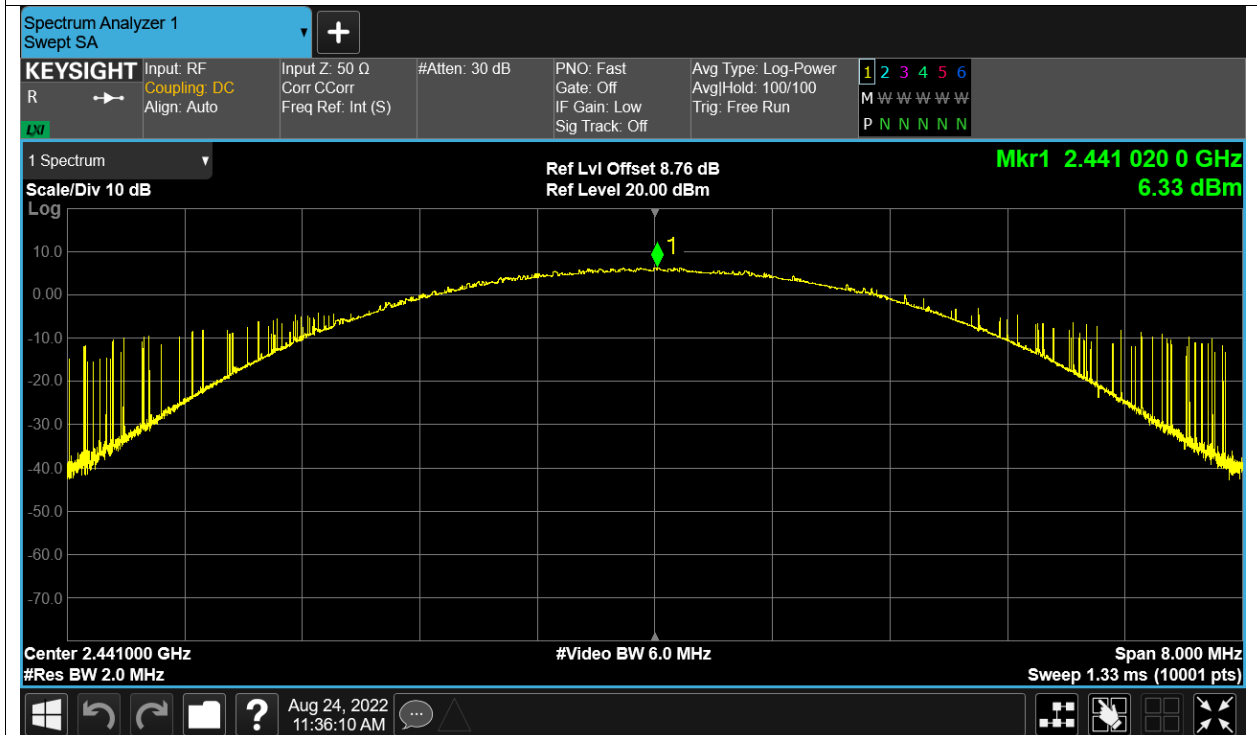
Power NVNT 2-DH1 2480MHz Ant1



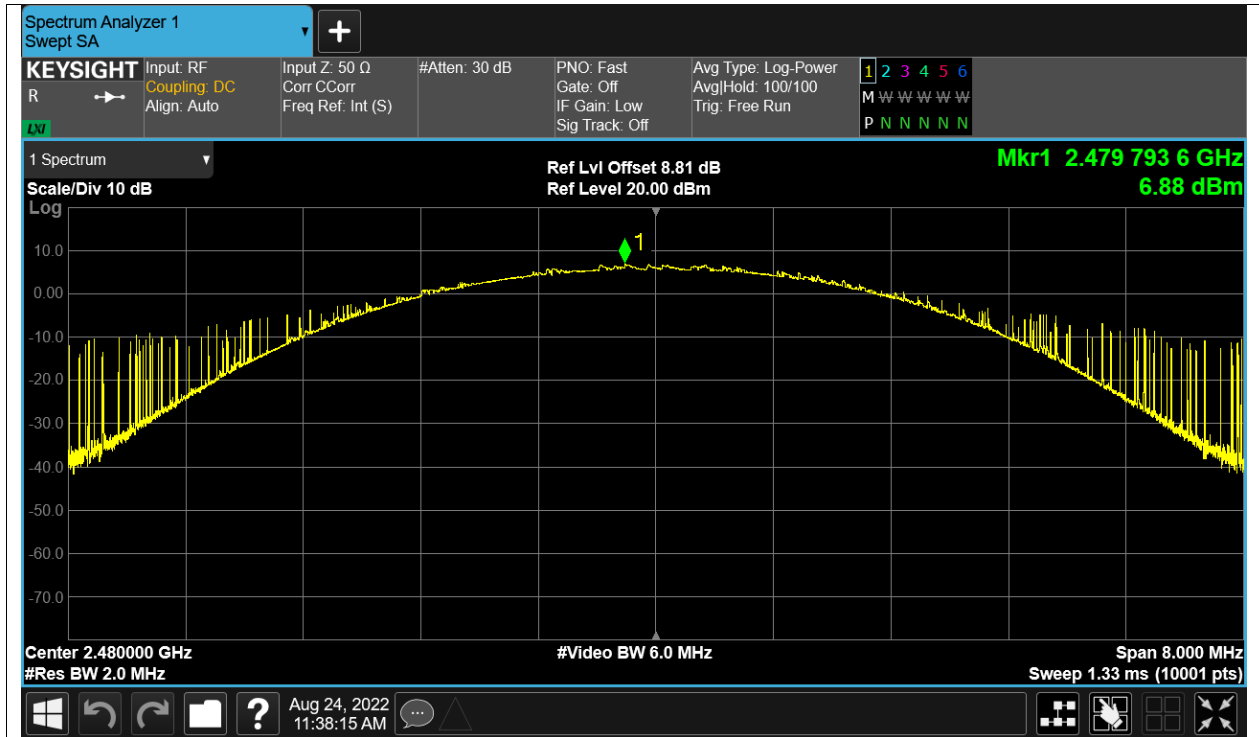
Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



Power NVNT 3-DH1 2480MHz Ant1

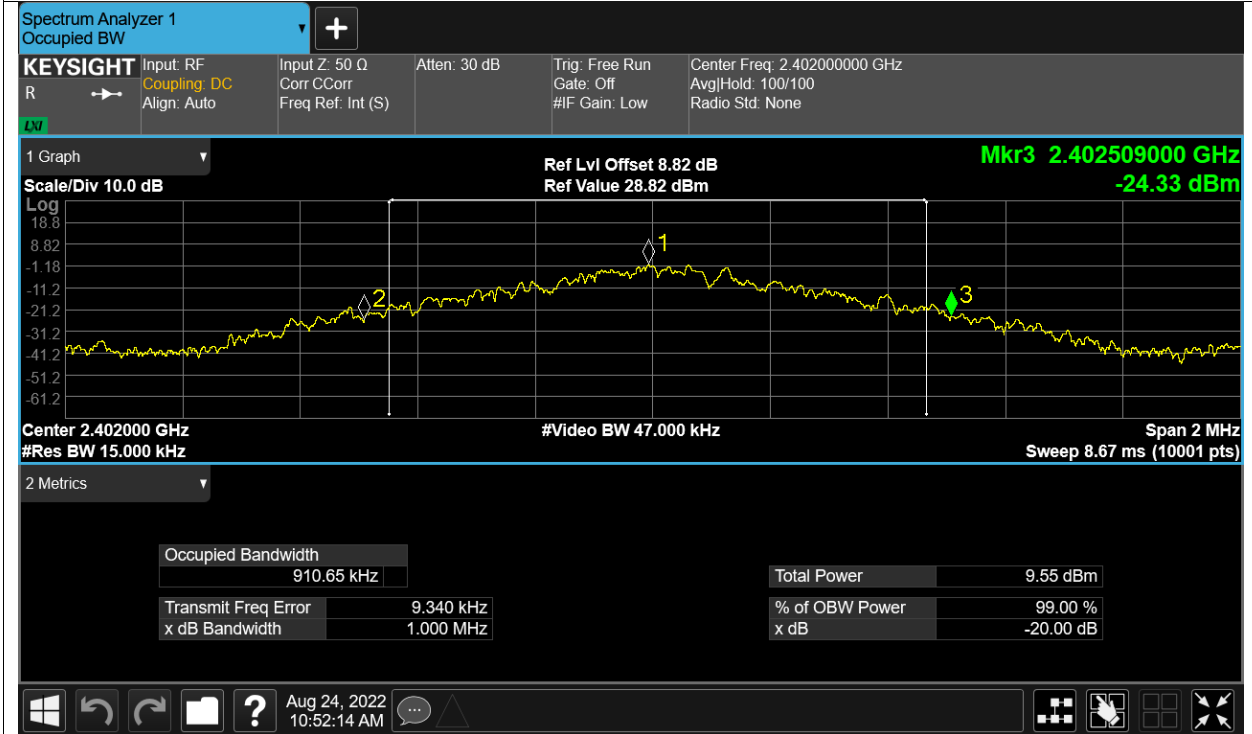


-20dB Bandwidth

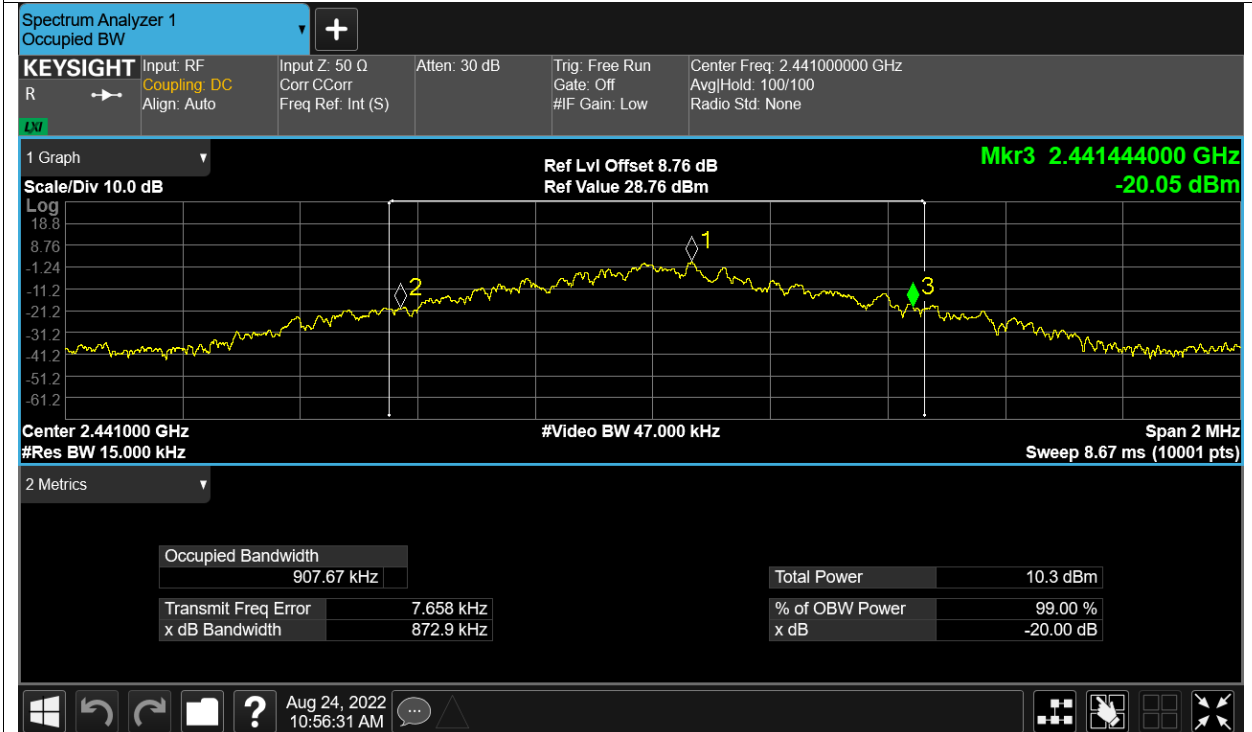
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)
NVNT	1-DH1	2402	Ant1	1
NVNT	1-DH1	2441	Ant1	0.873
NVNT	1-DH1	2480	Ant1	0.921
NVNT	2-DH1	2402	Ant1	0.939
NVNT	2-DH1	2441	Ant1	0.942
NVNT	2-DH1	2480	Ant1	0.94
NVNT	3-DH1	2402	Ant1	0.948
NVNT	3-DH1	2441	Ant1	0.934
NVNT	3-DH1	2480	Ant1	0.934

Test Graphs

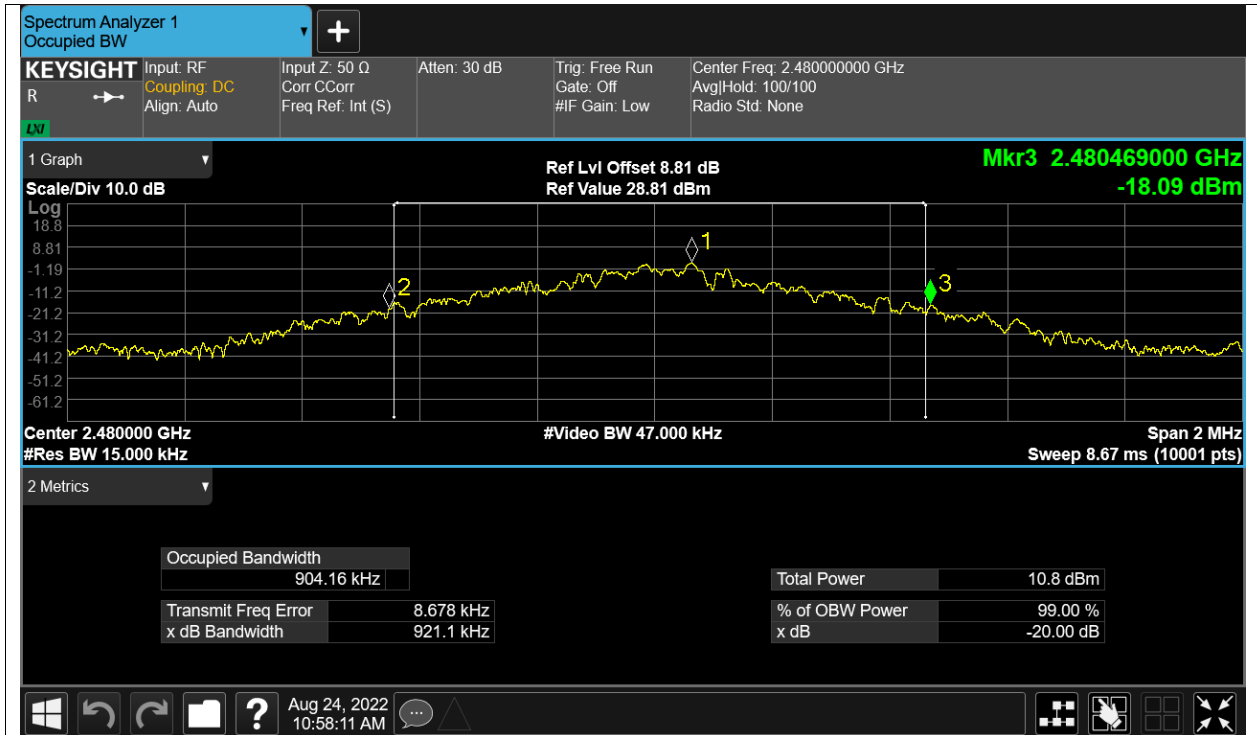
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



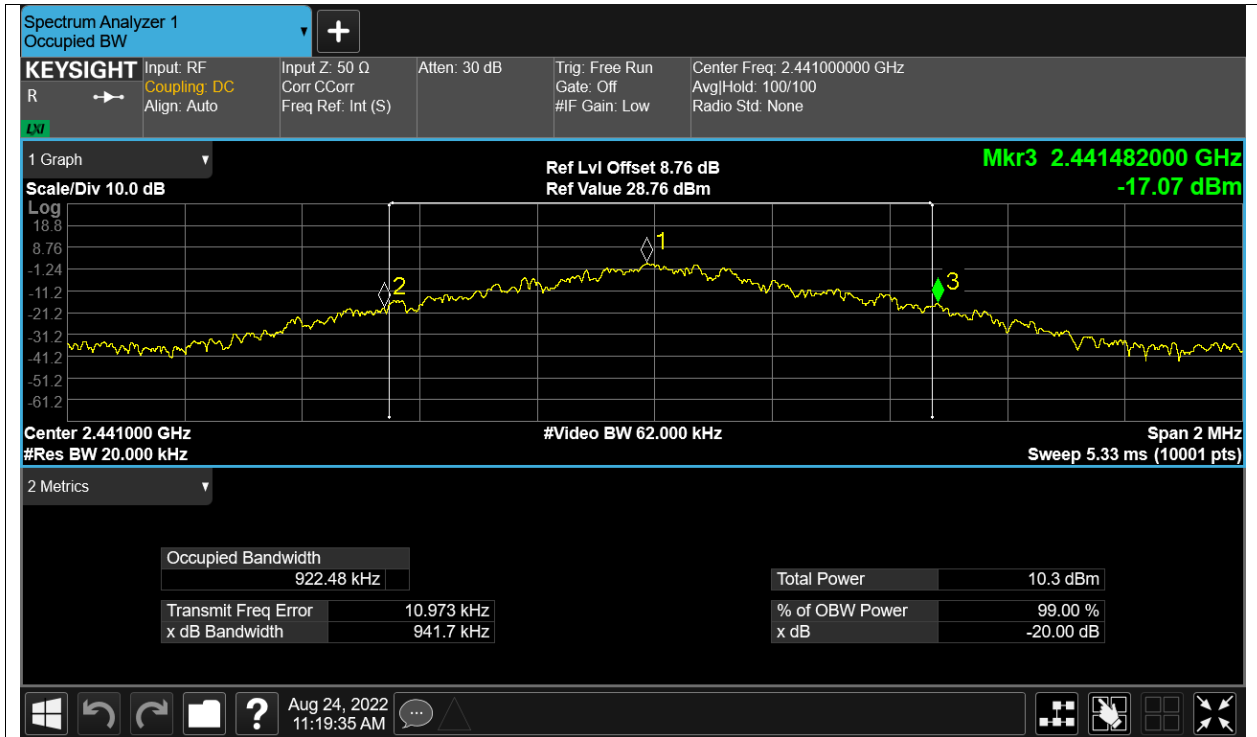
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



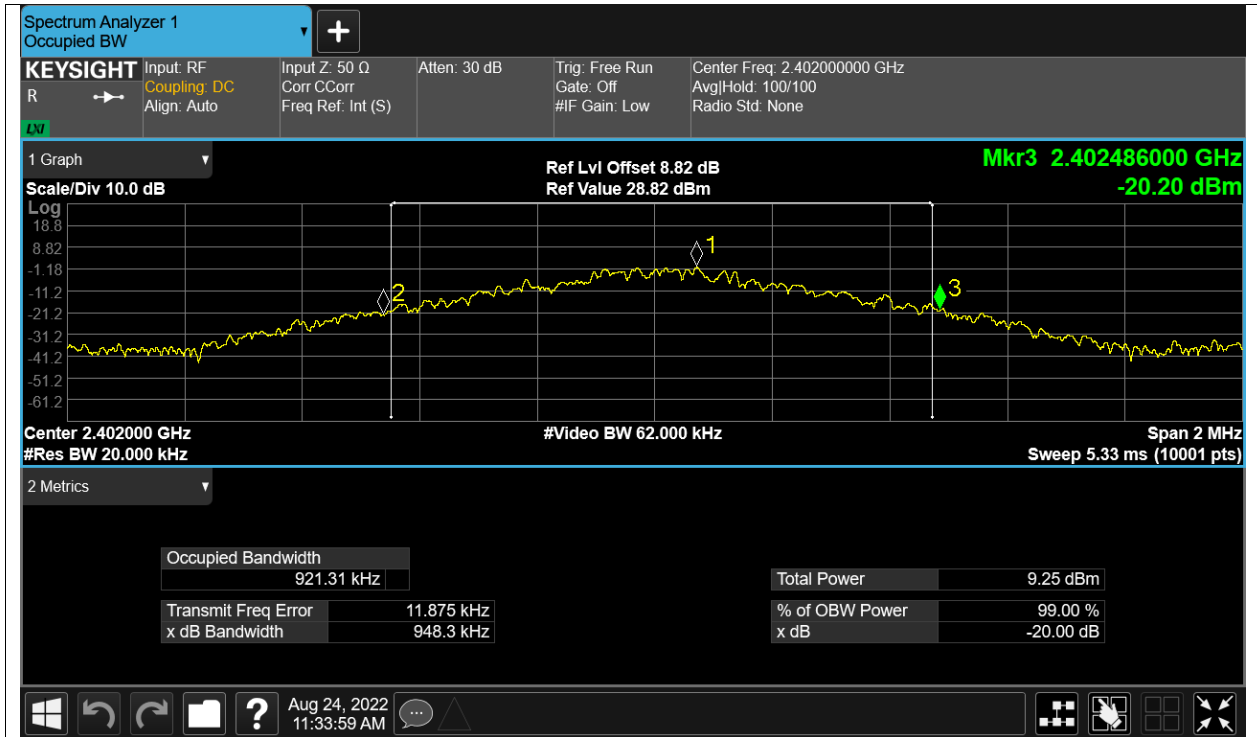
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



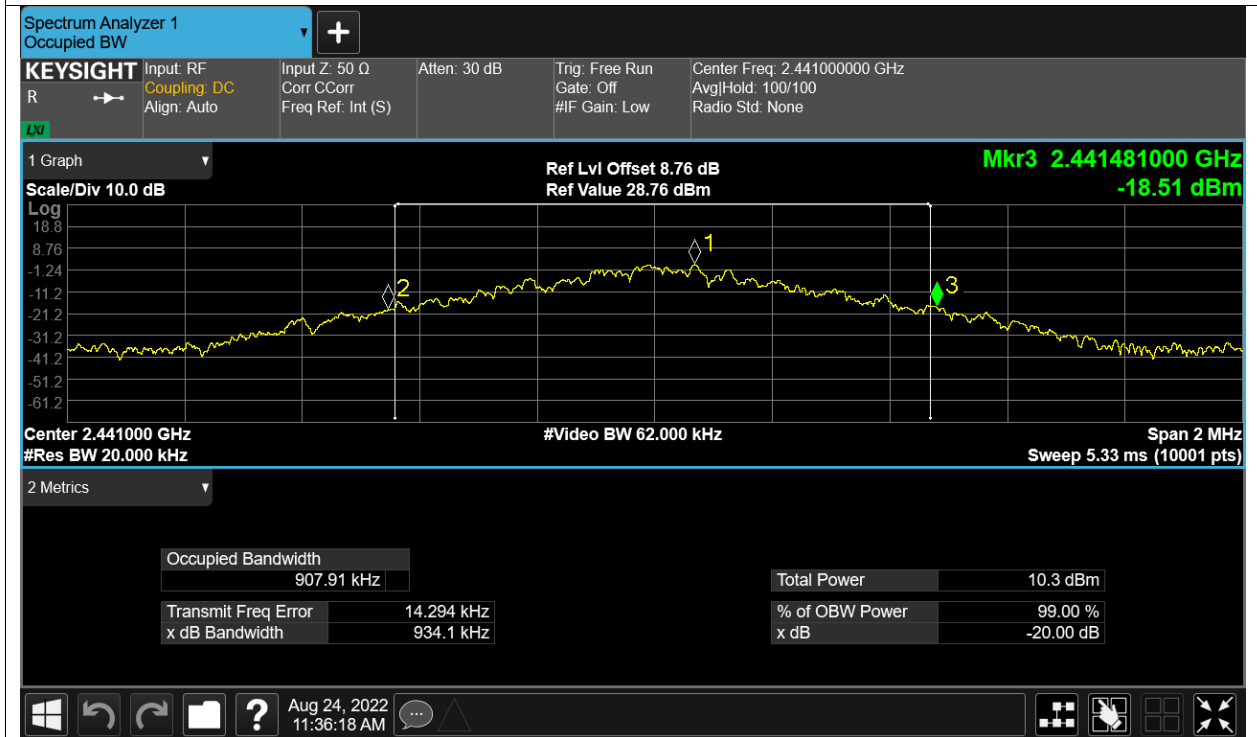
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



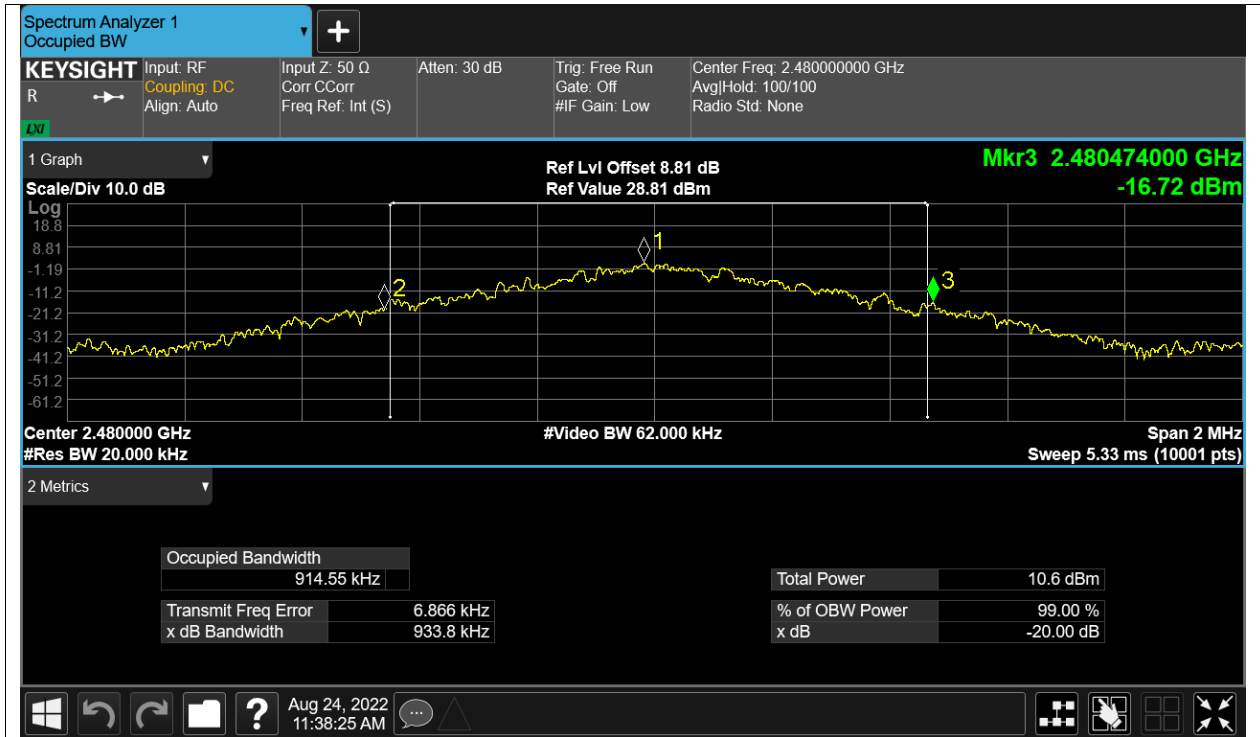
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1

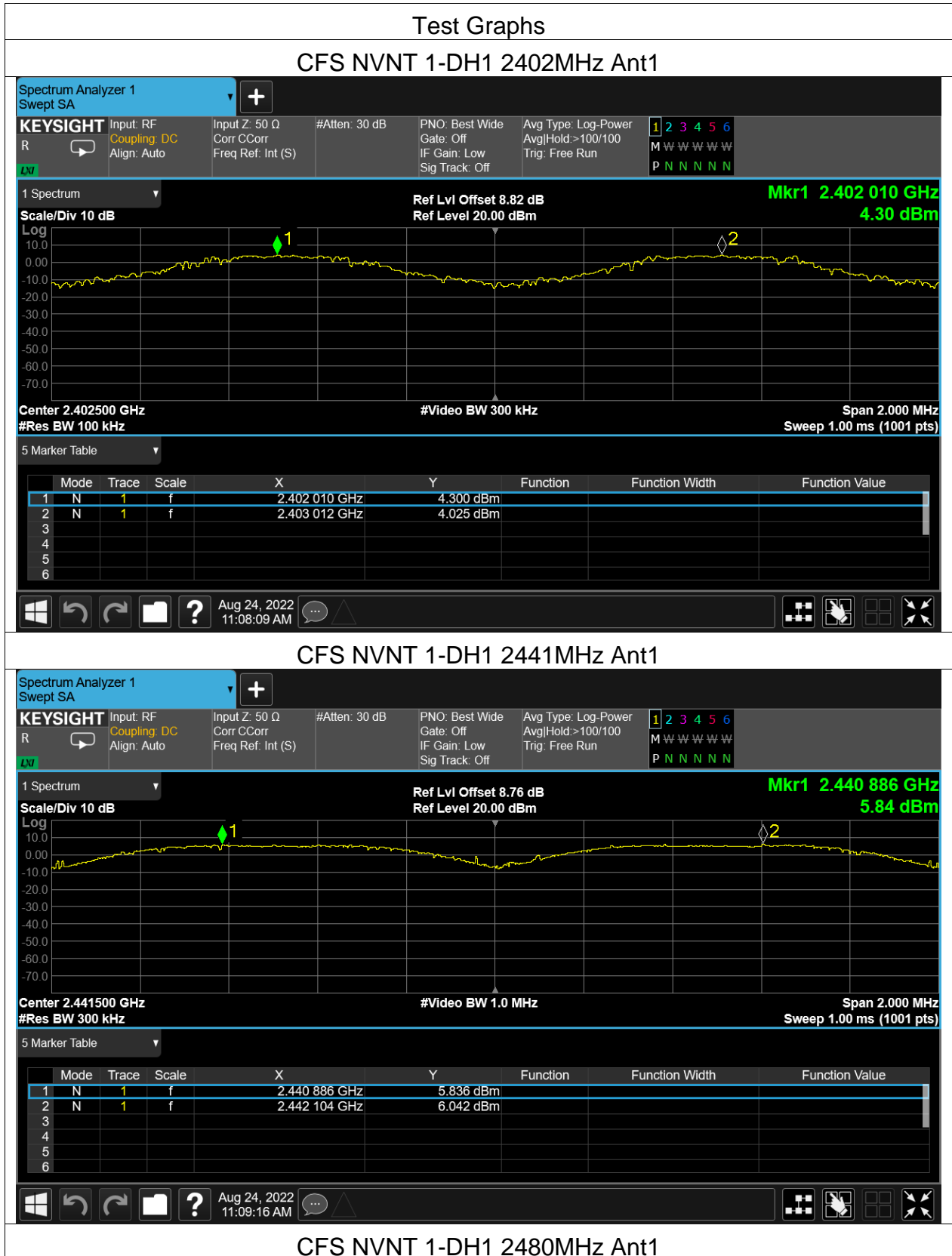


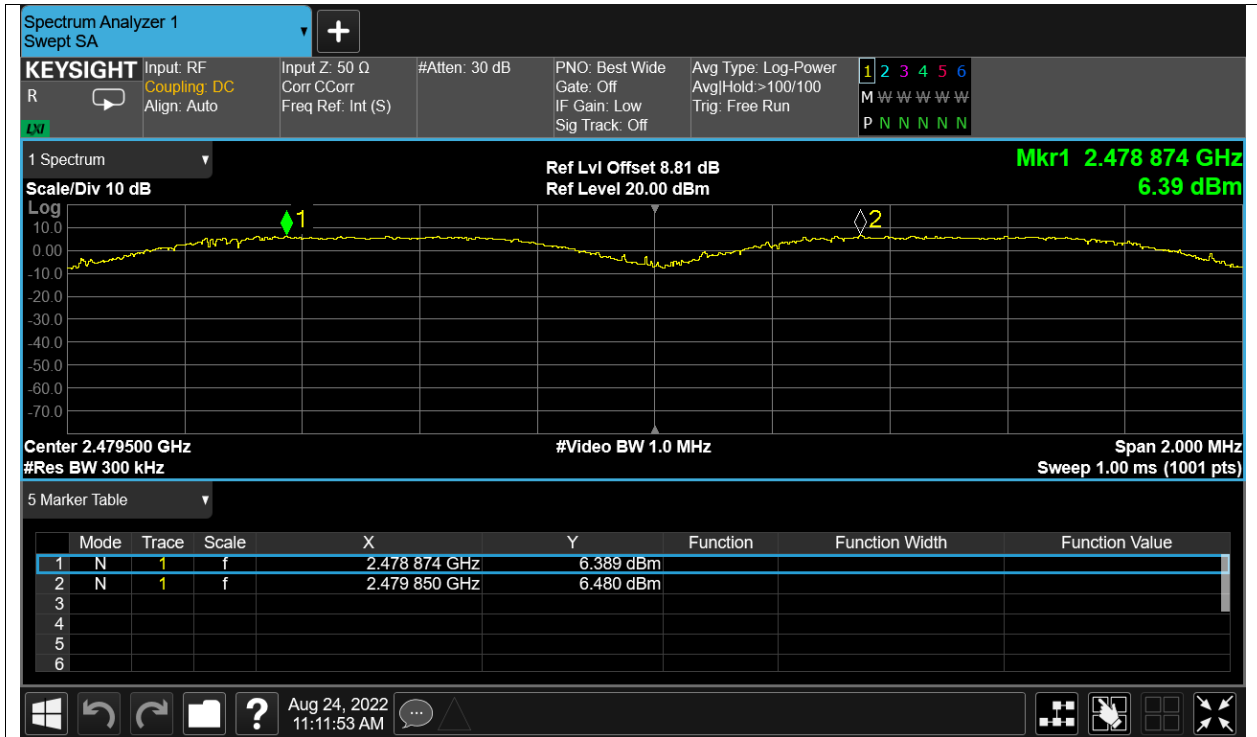
-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



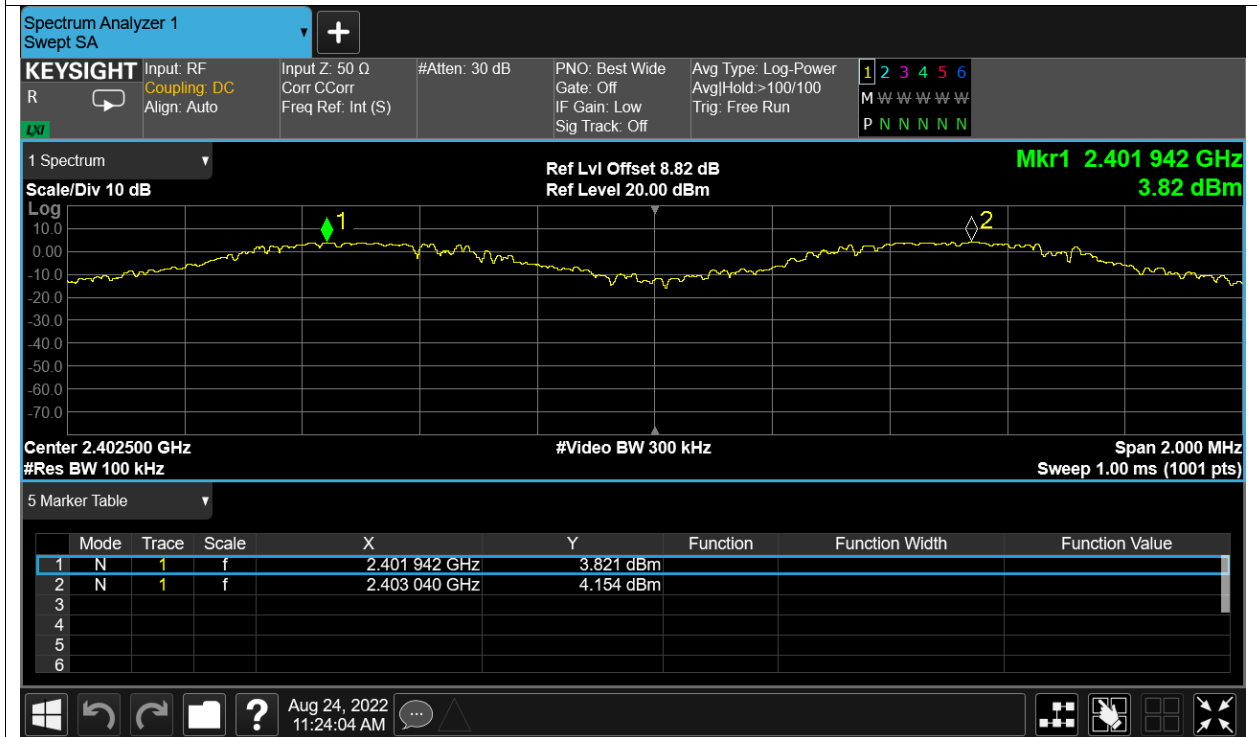
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2402.01	2403.012	1.002	1	Pass
NVNT	1-DH1	Ant1	2440.886	2442.104	1.218	0.873	Pass
NVNT	1-DH1	Ant1	2478.874	2479.85	0.976	0.921	Pass
NVNT	2-DH1	Ant1	2401.942	2403.04	1.098	0.626	Pass
NVNT	2-DH1	Ant1	2441.11	2442.138	1.028	0.628	Pass
NVNT	2-DH1	Ant1	2478.868	2480.044	1.176	0.627	Pass
NVNT	3-DH1	Ant1	2401.988	2403.194	1.206	0.632	Pass
NVNT	3-DH1	Ant1	2441.034	2442.158	1.124	0.623	Pass
NVNT	3-DH1	Ant1	2478.964	2480.054	1.09	0.623	Pass

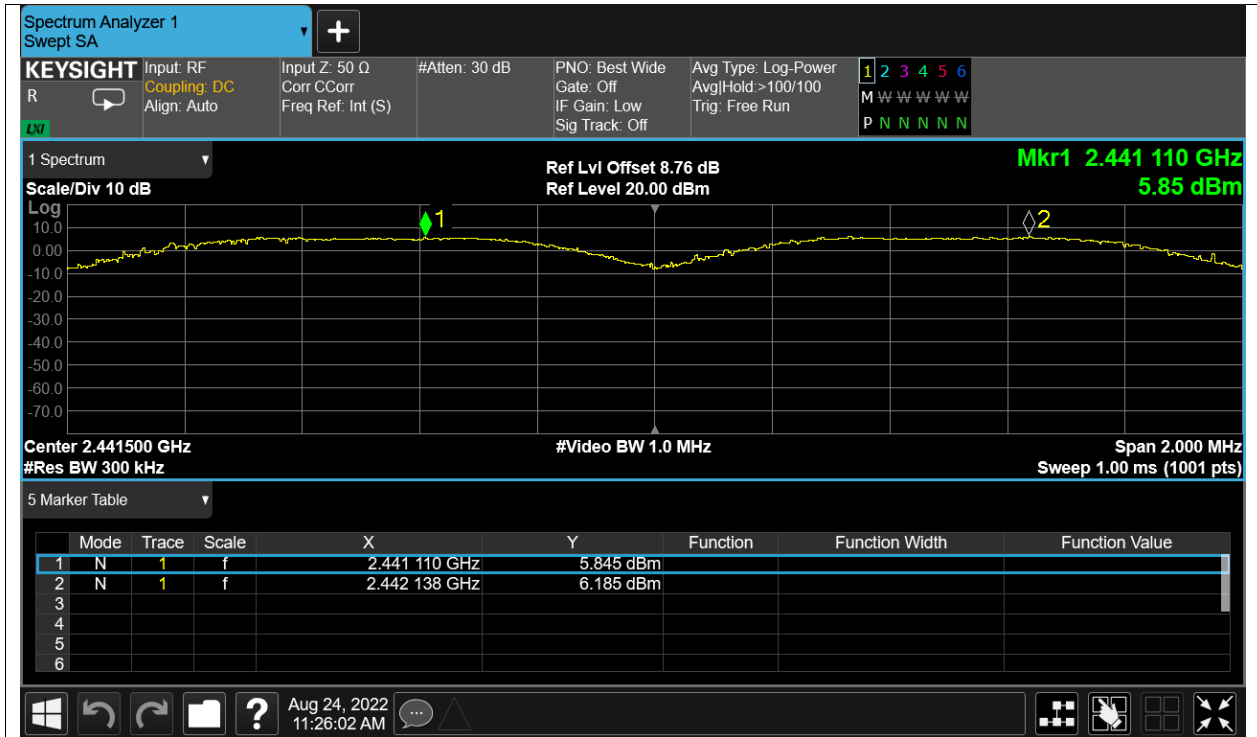




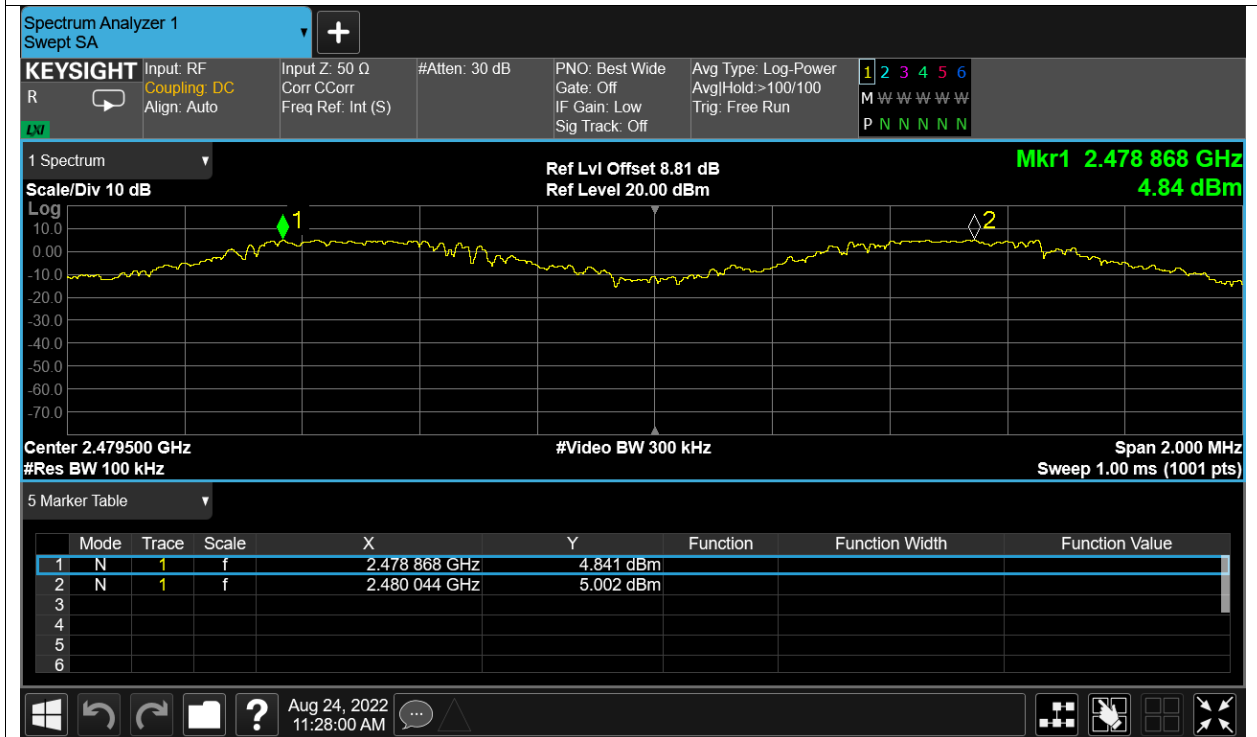
CFS NVNT 2-DH1 2402MHz Ant1



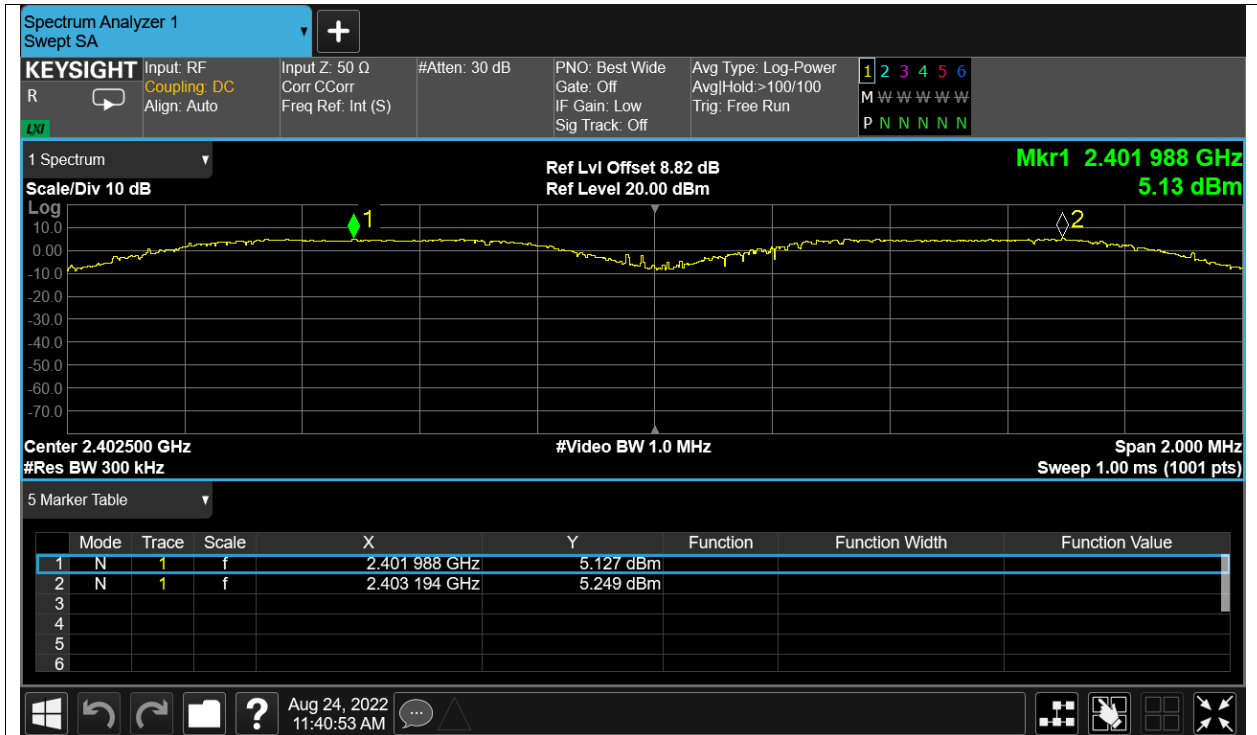
CFS NVNT 2-DH1 2441MHz Ant1



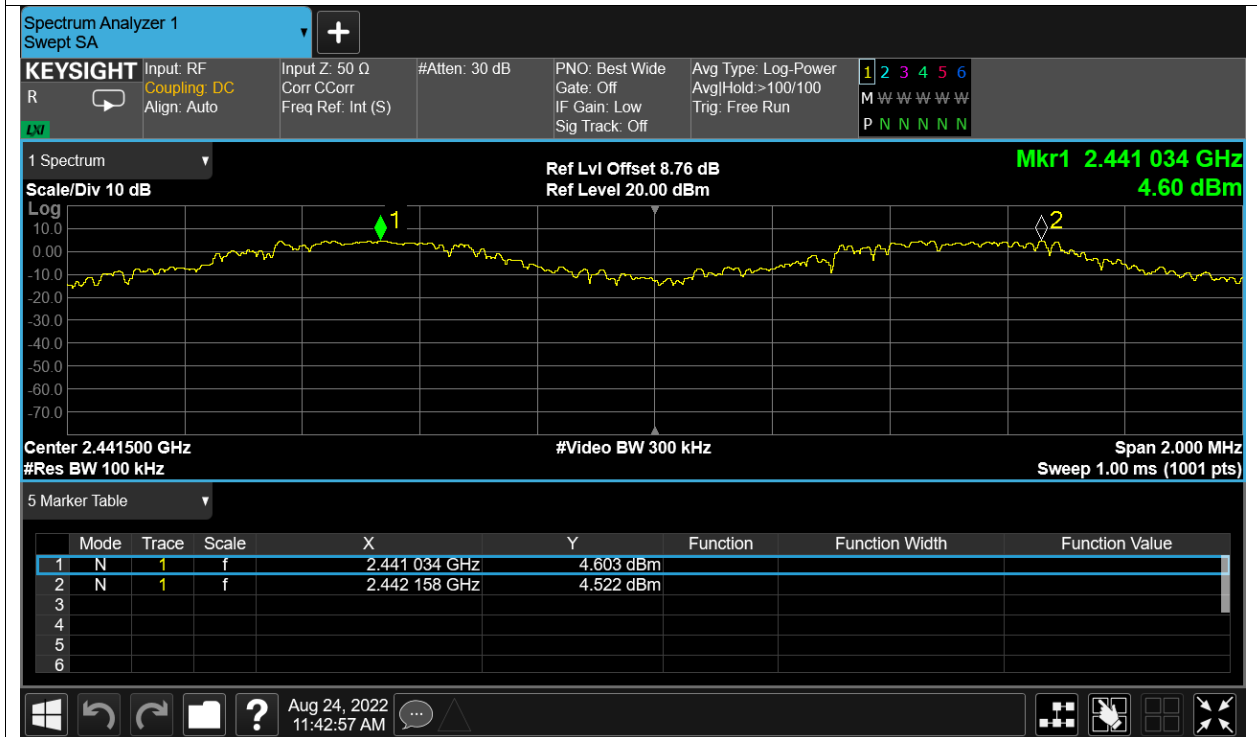
CFS NVNT 2-DH1 2480MHz Ant1



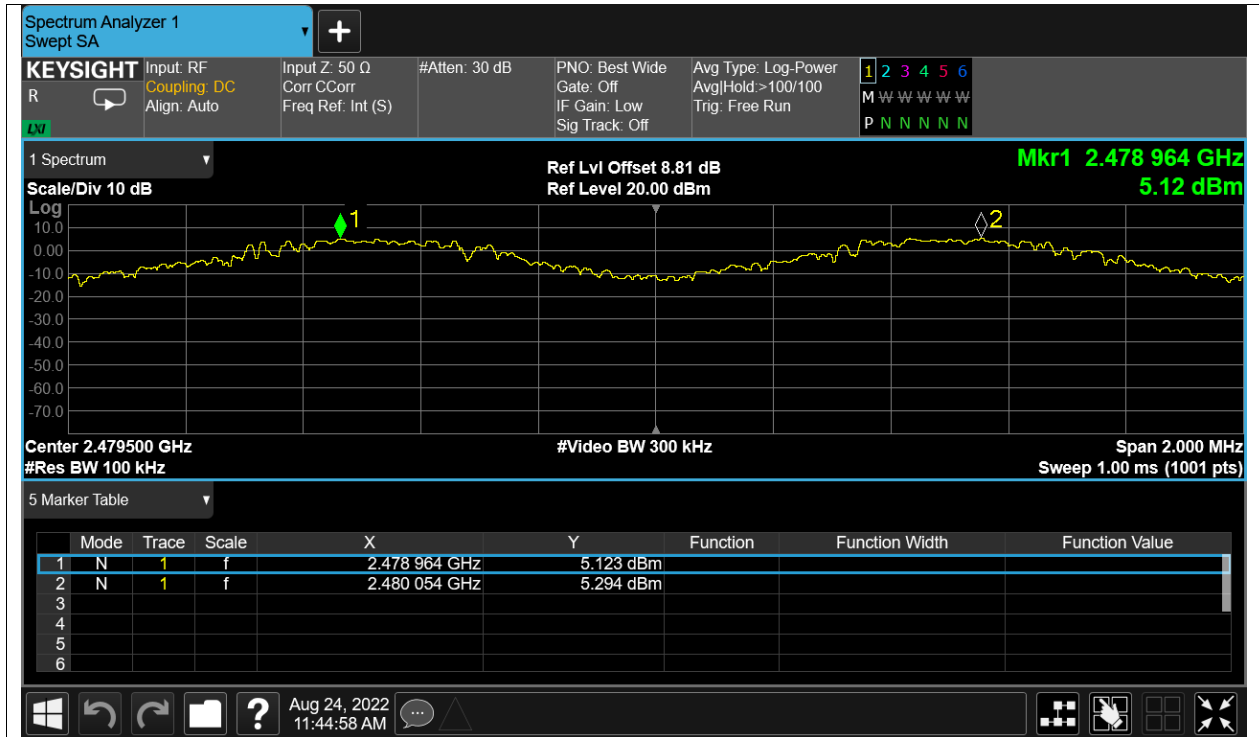
CFS NVNT 3-DH1 2402MHz Ant1



CFS NVNT 3-DH1 2441MHz Ant1



CFS NVNT 3-DH1 2480MHz Ant1

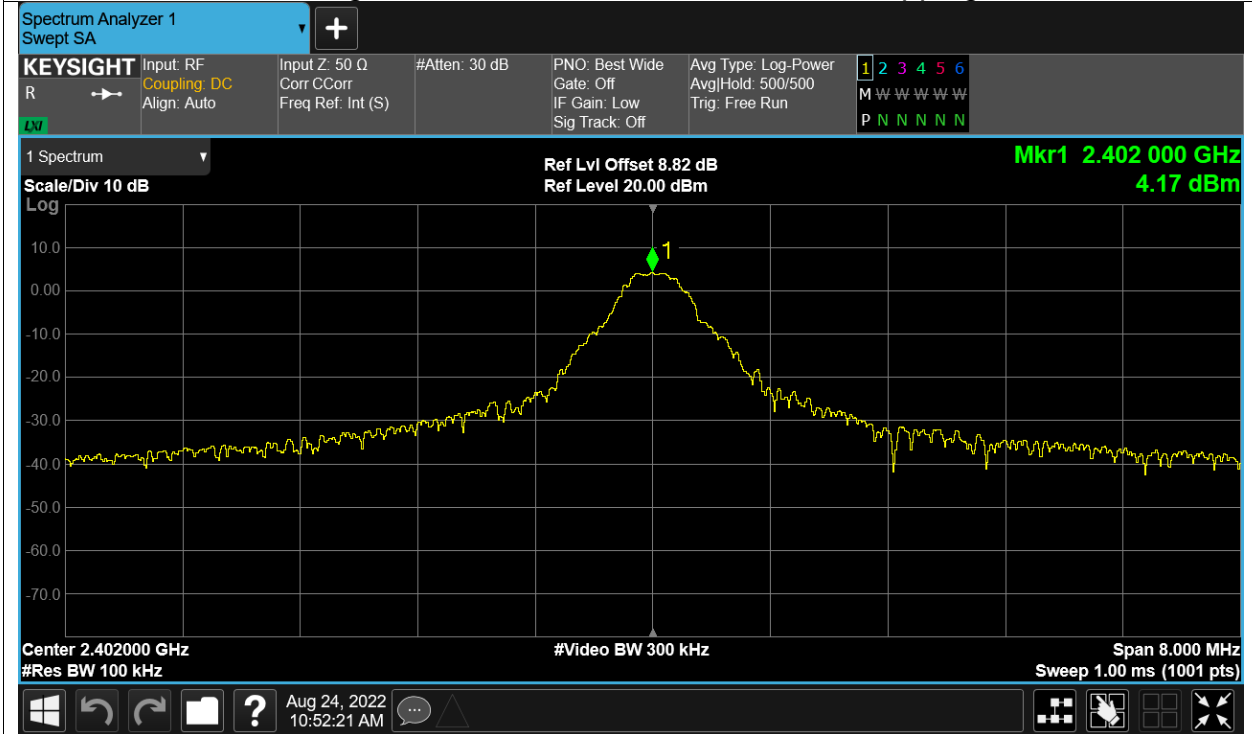


Band Edge

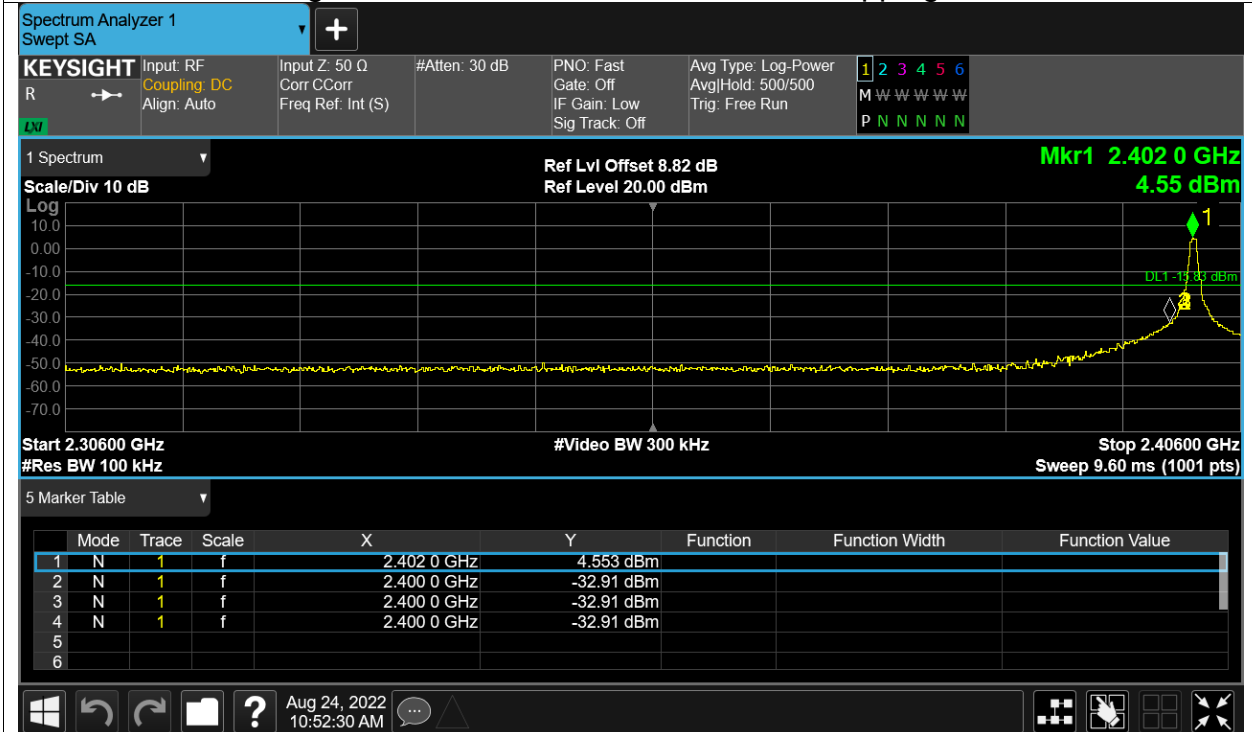
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-37.08	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-39.45	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-37.08	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-41.23	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-37.66	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-41.41	-20	Pass

Test Graphs

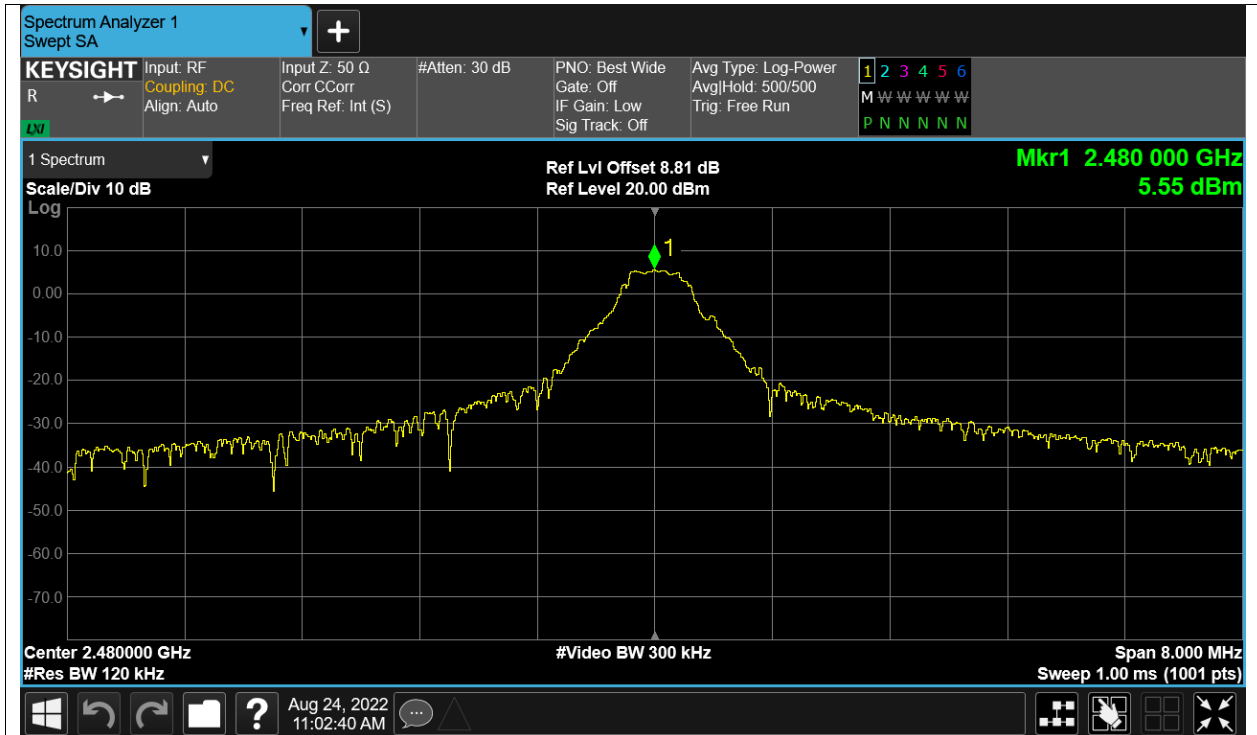
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



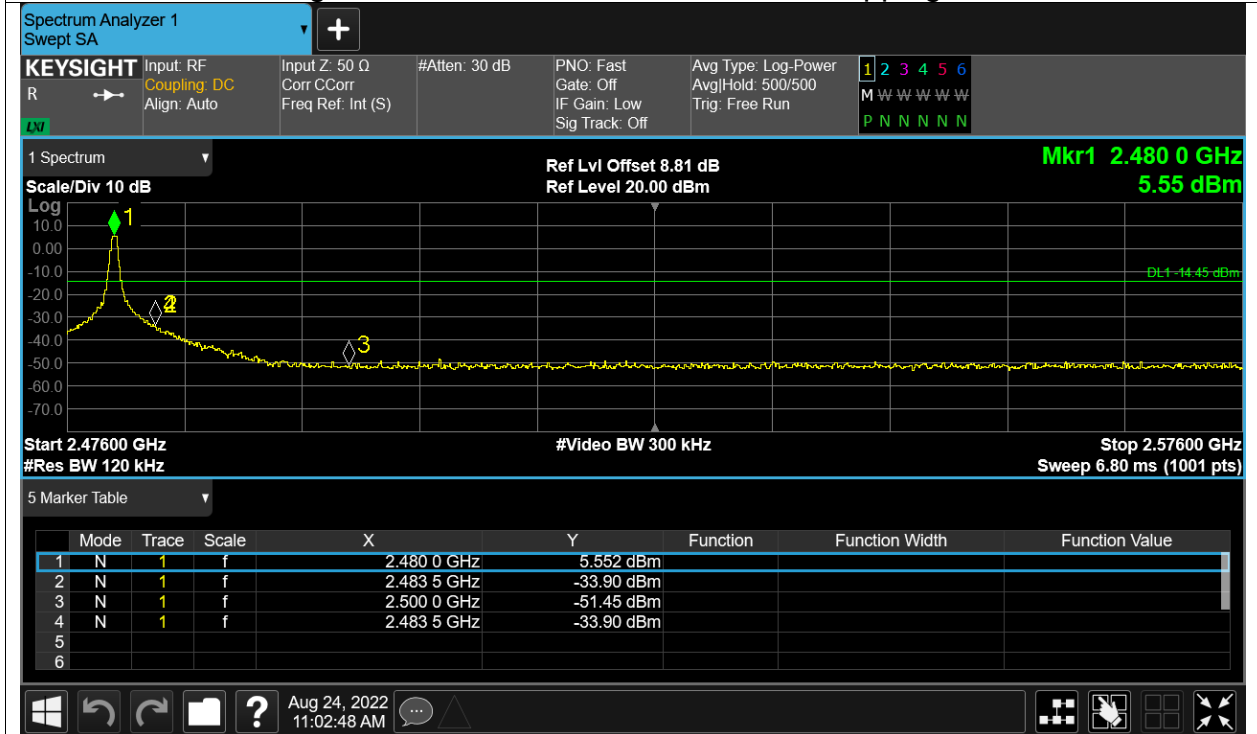
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



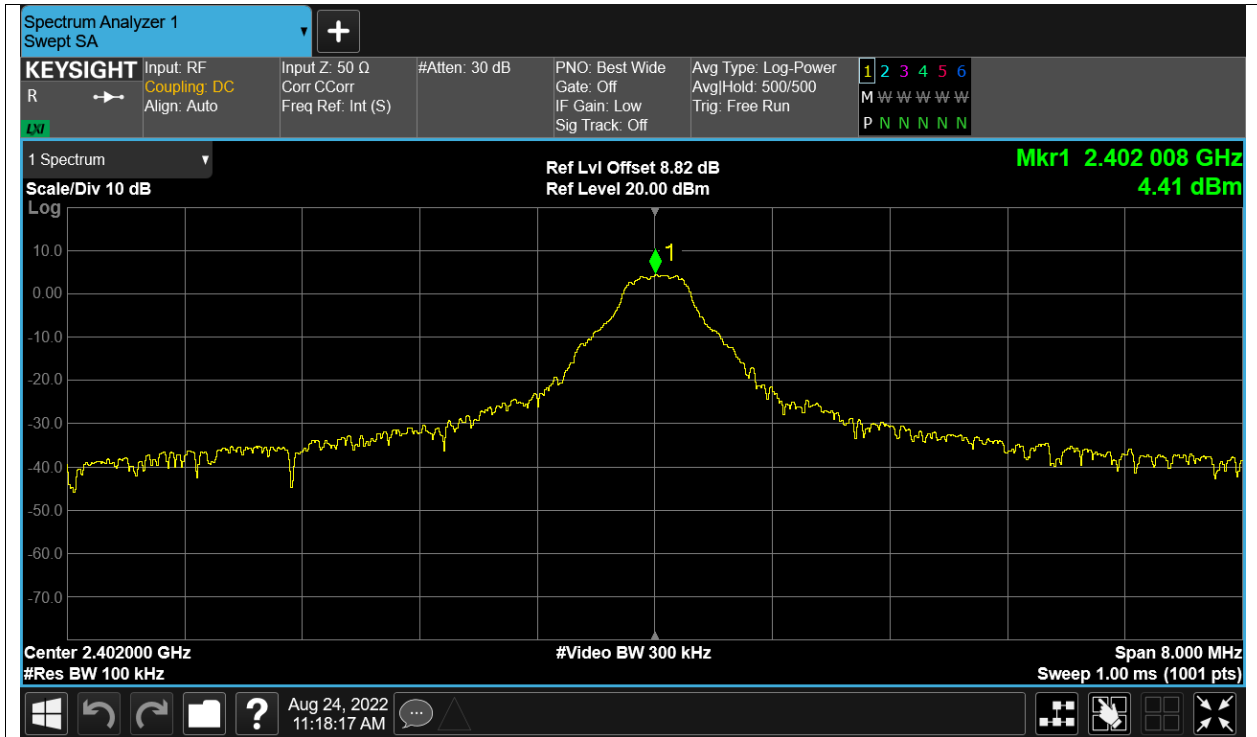
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



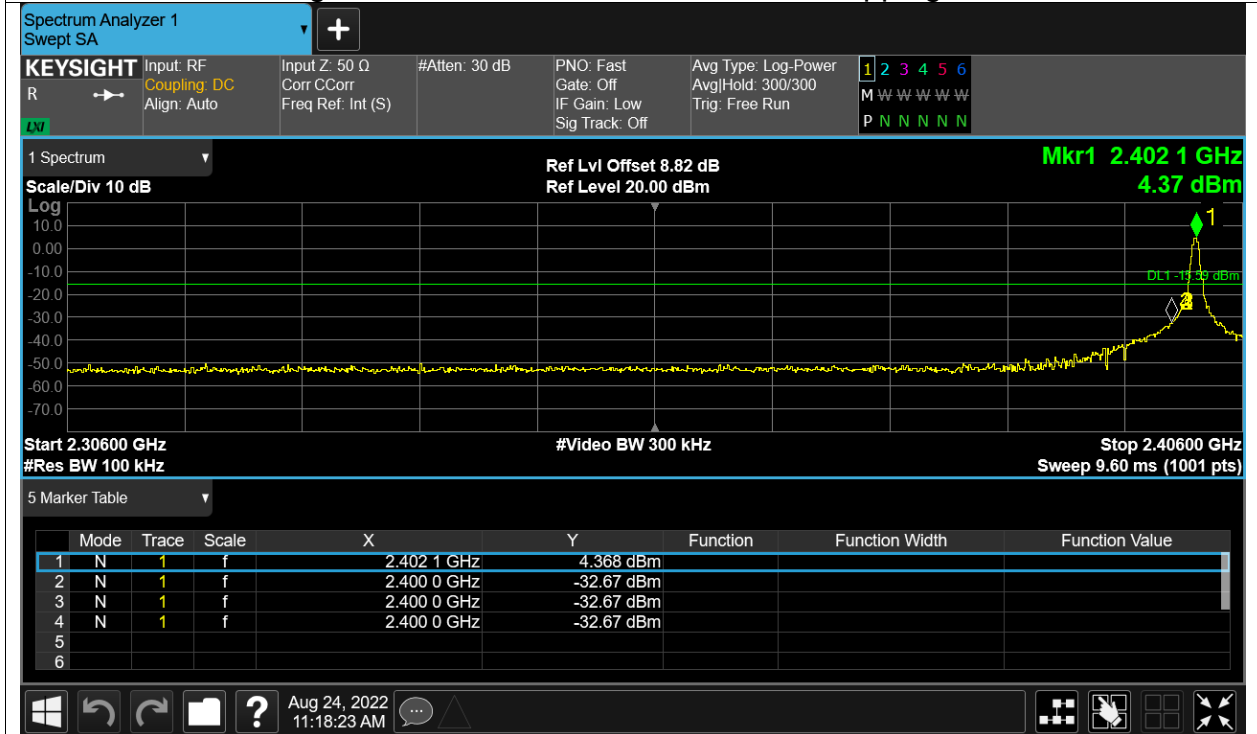
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



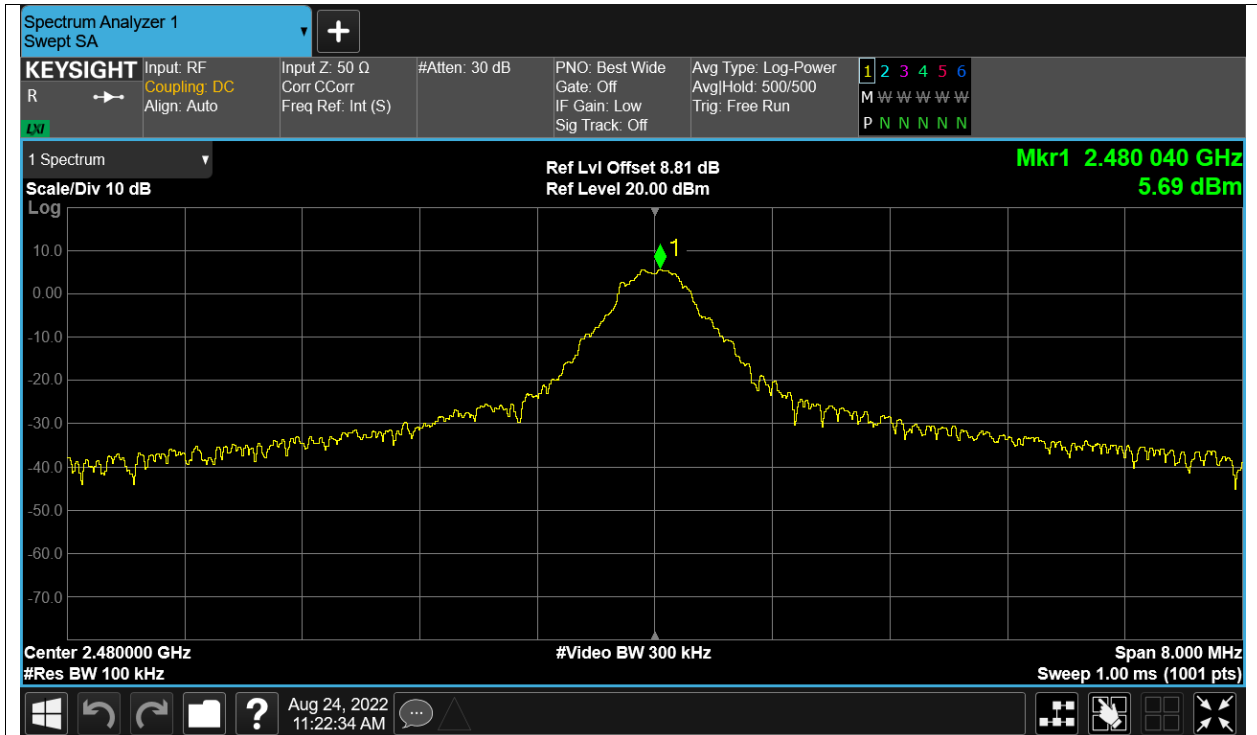
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



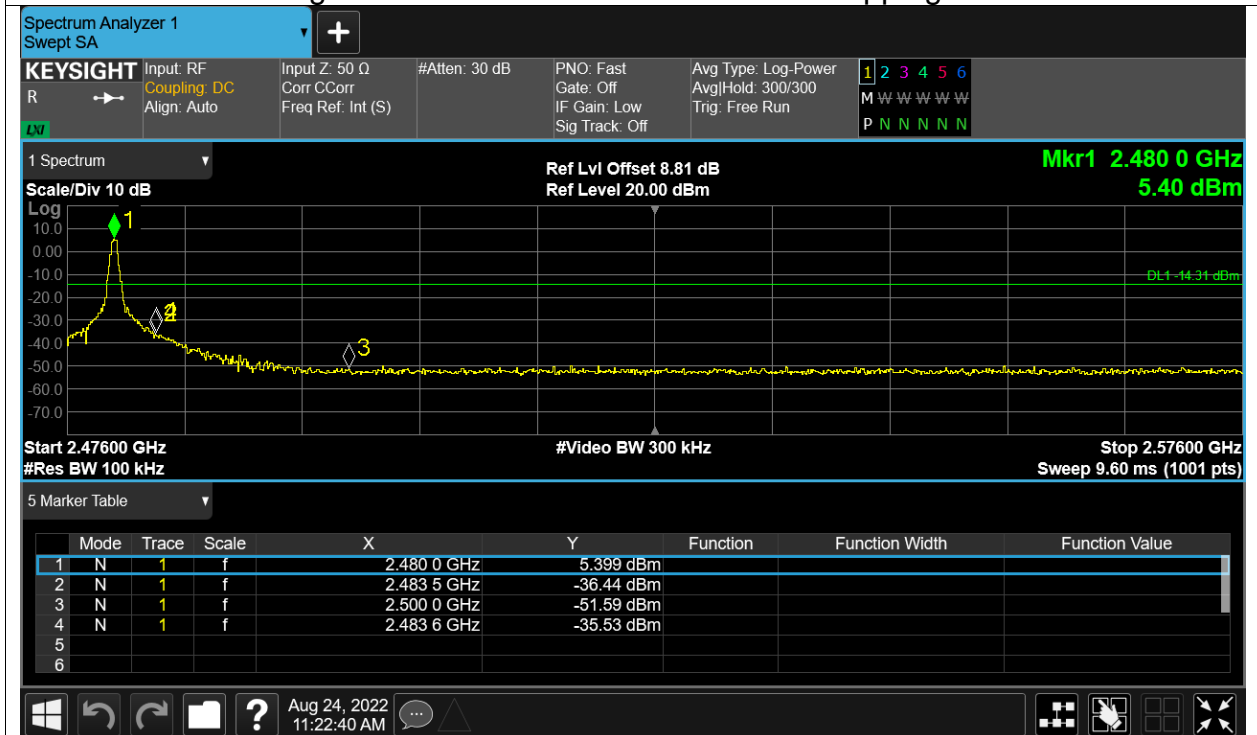
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



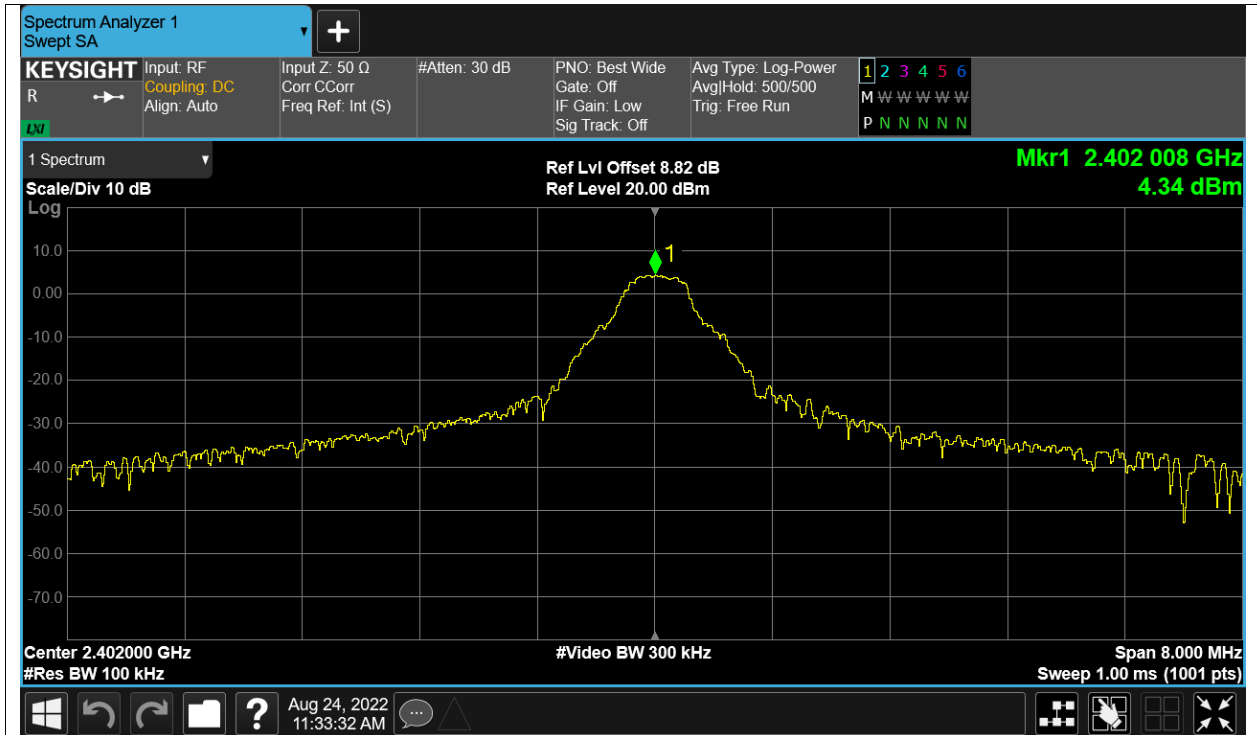
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



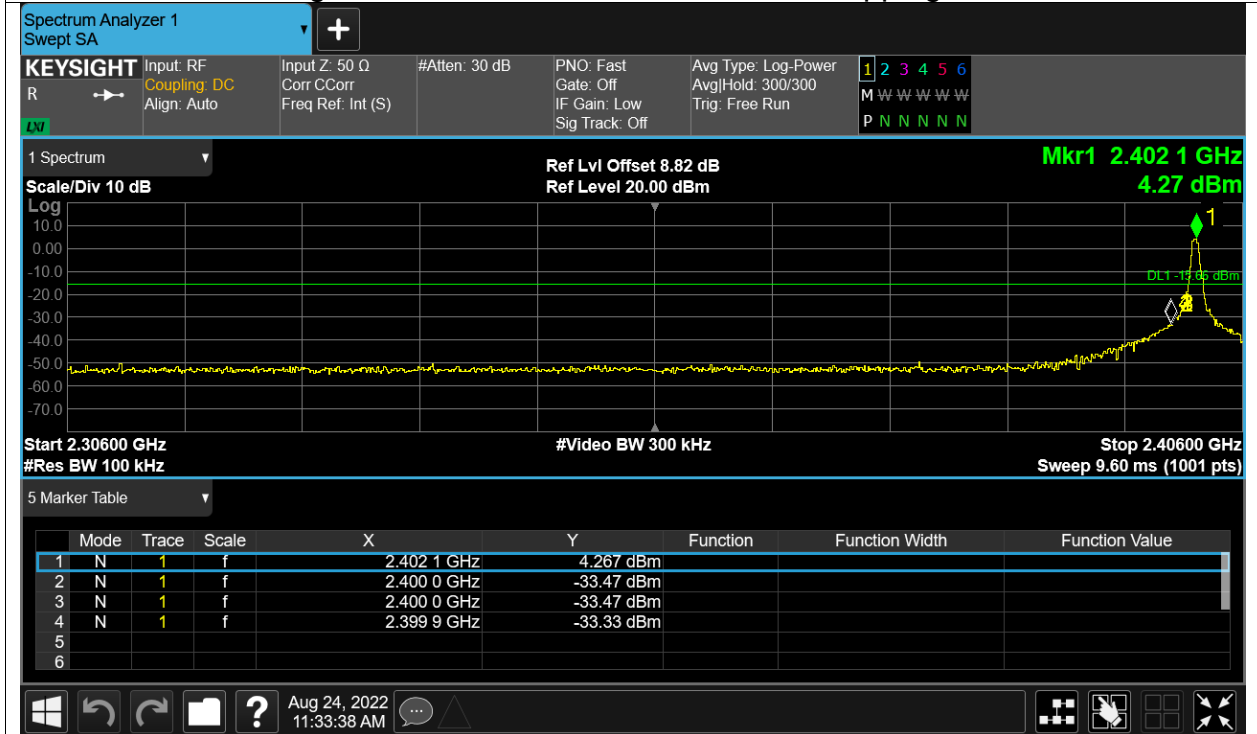
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



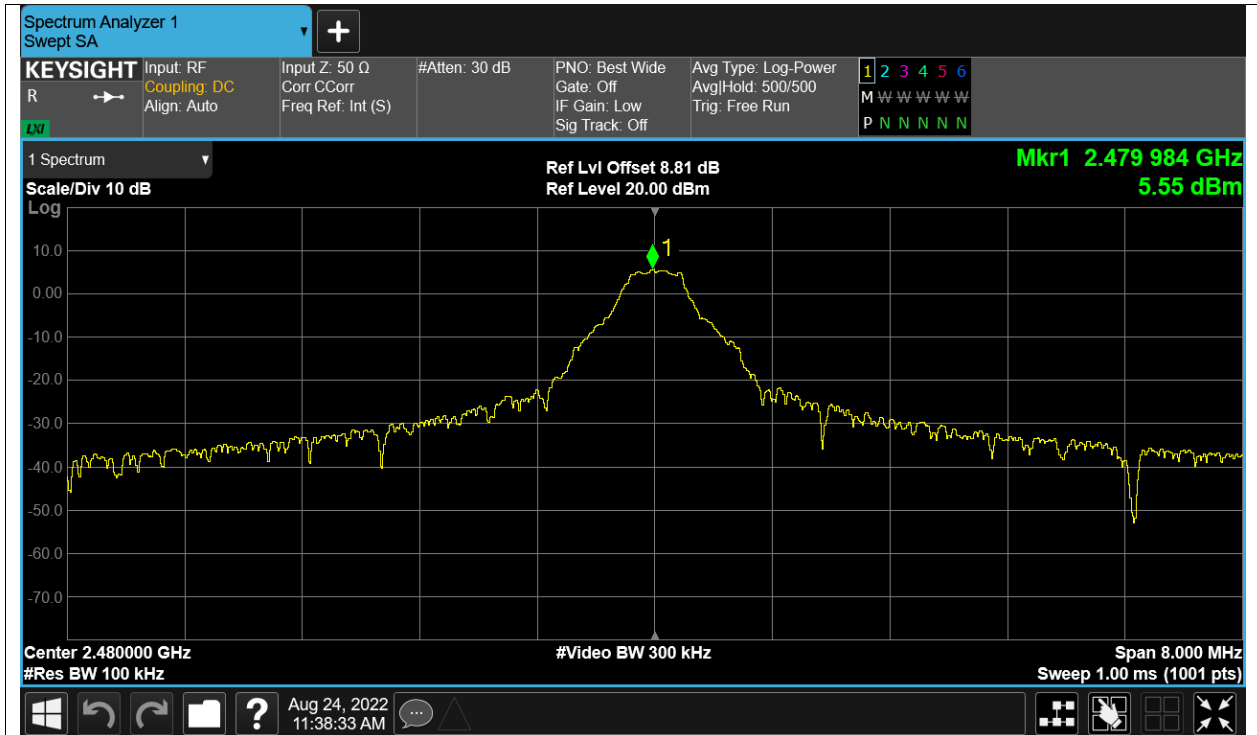
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



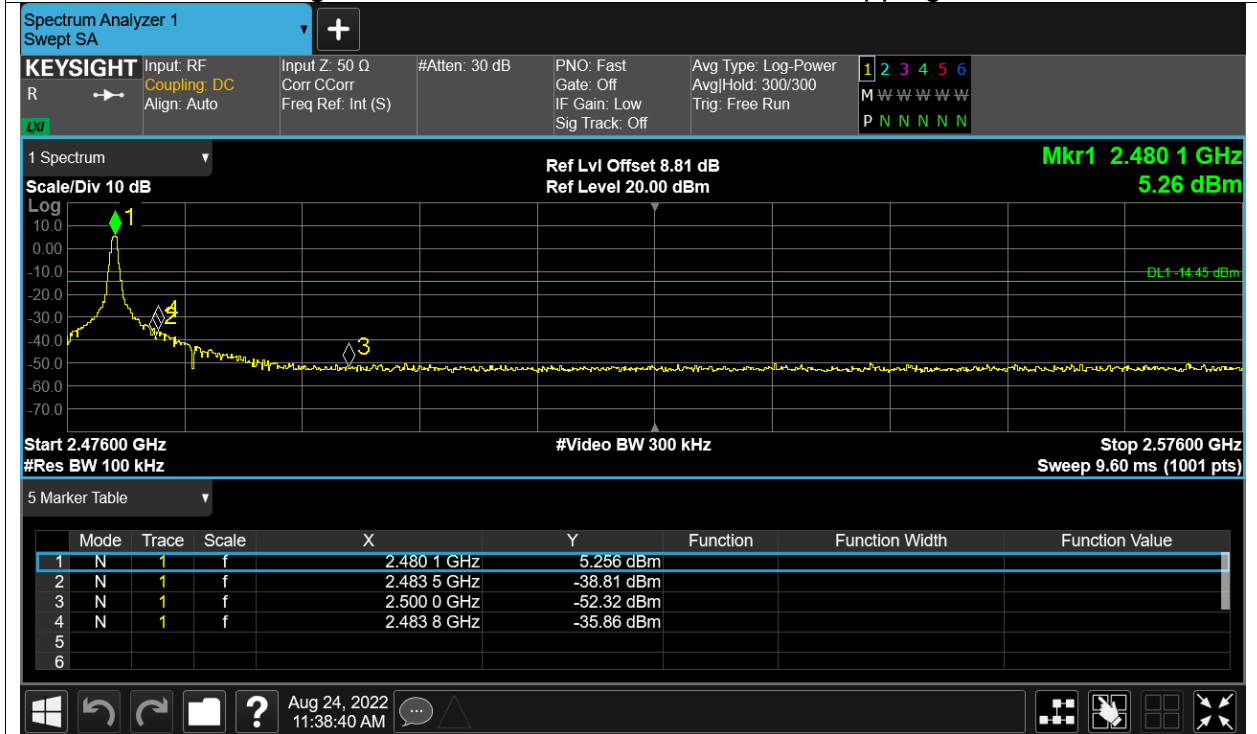
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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

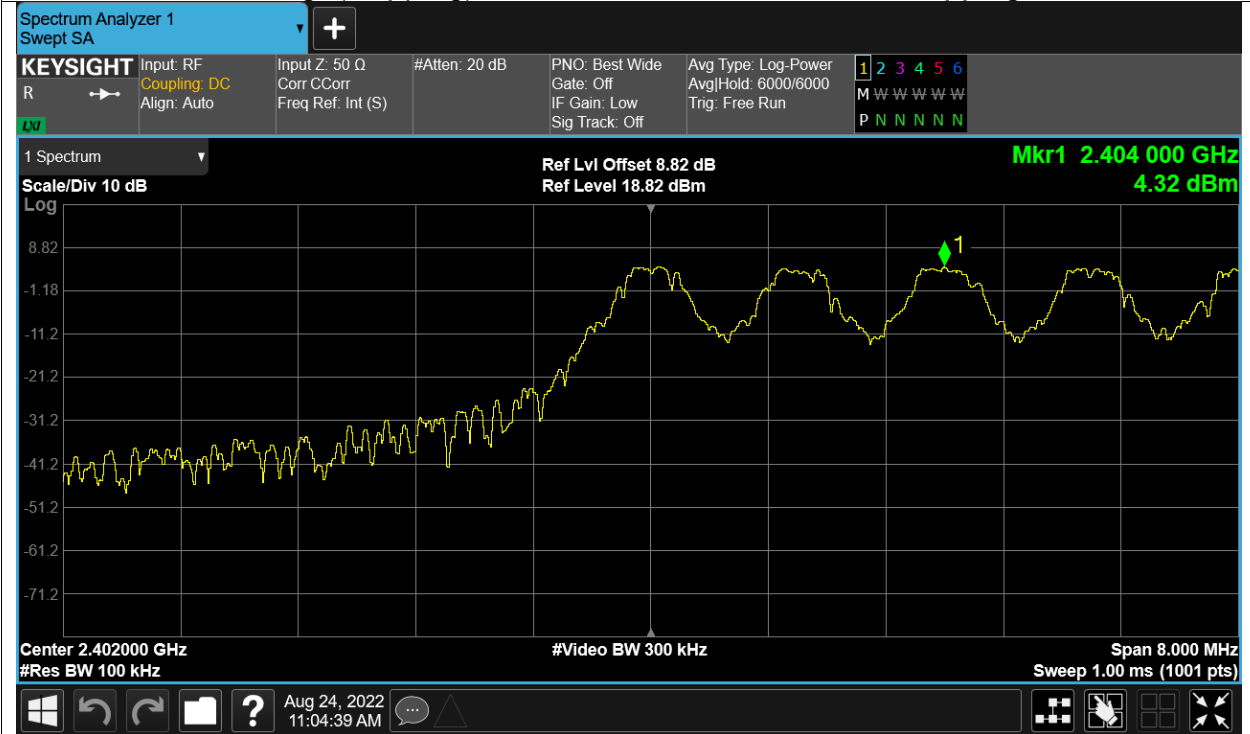


Band Edge(Hopping)

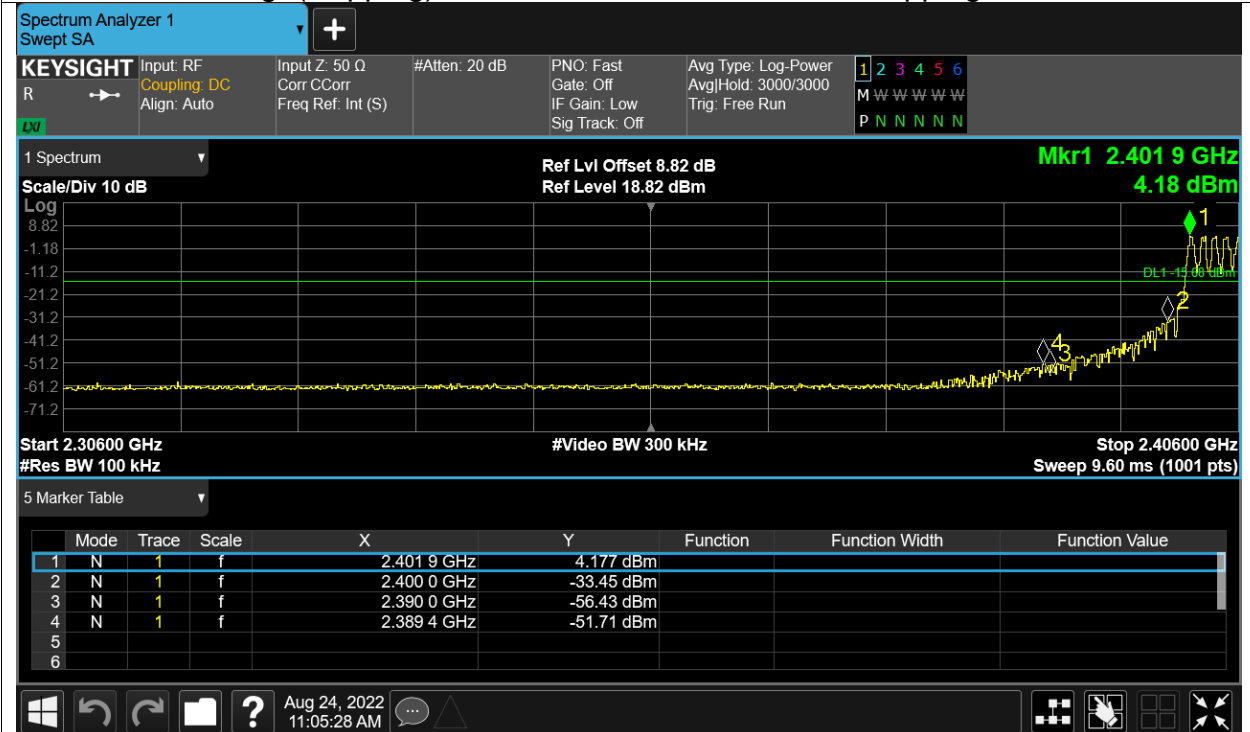
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-56.03	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-41.05	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-53.02	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-41.58	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-53.35	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-43.45	-20	Pass

Test Graphs

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



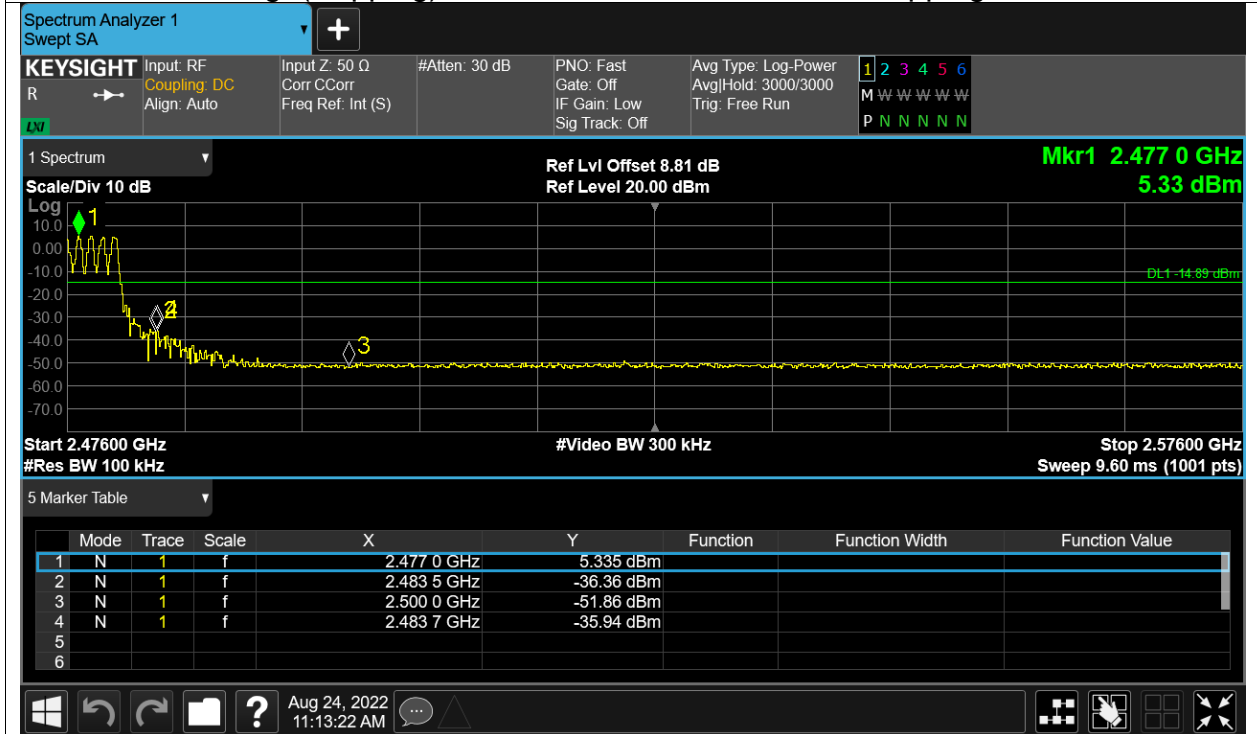
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



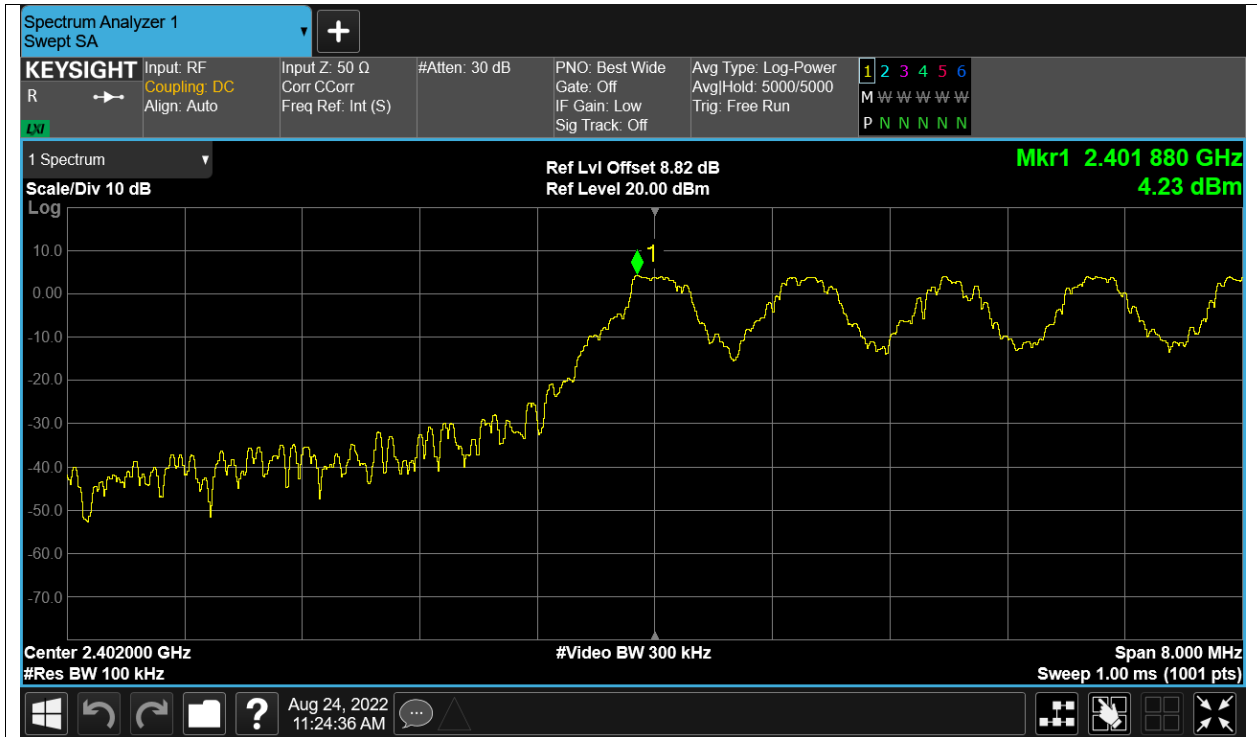
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



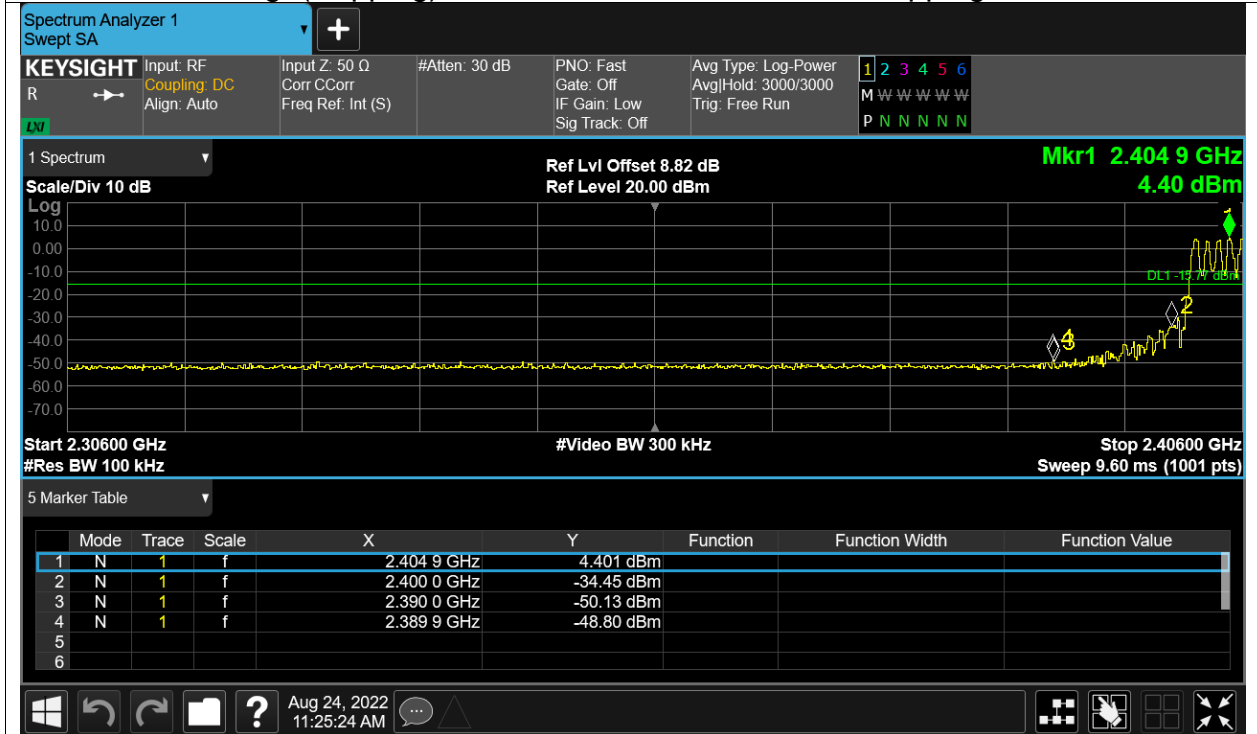
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



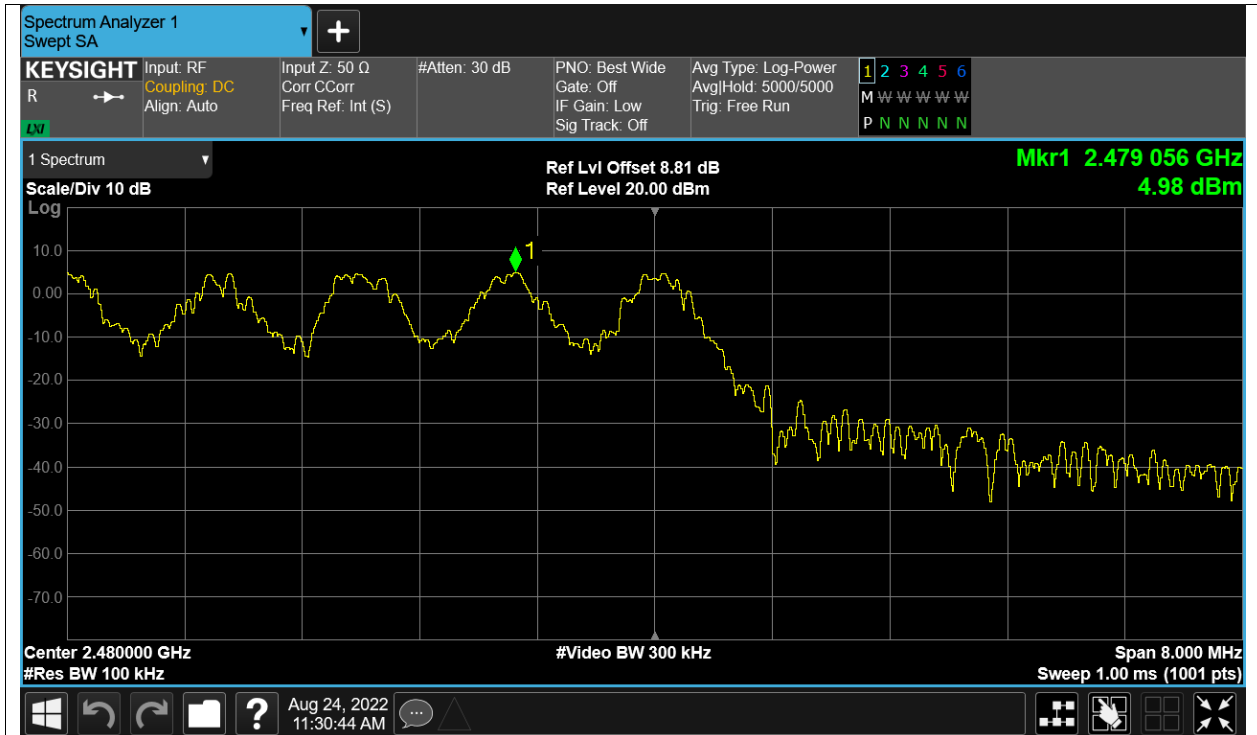
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



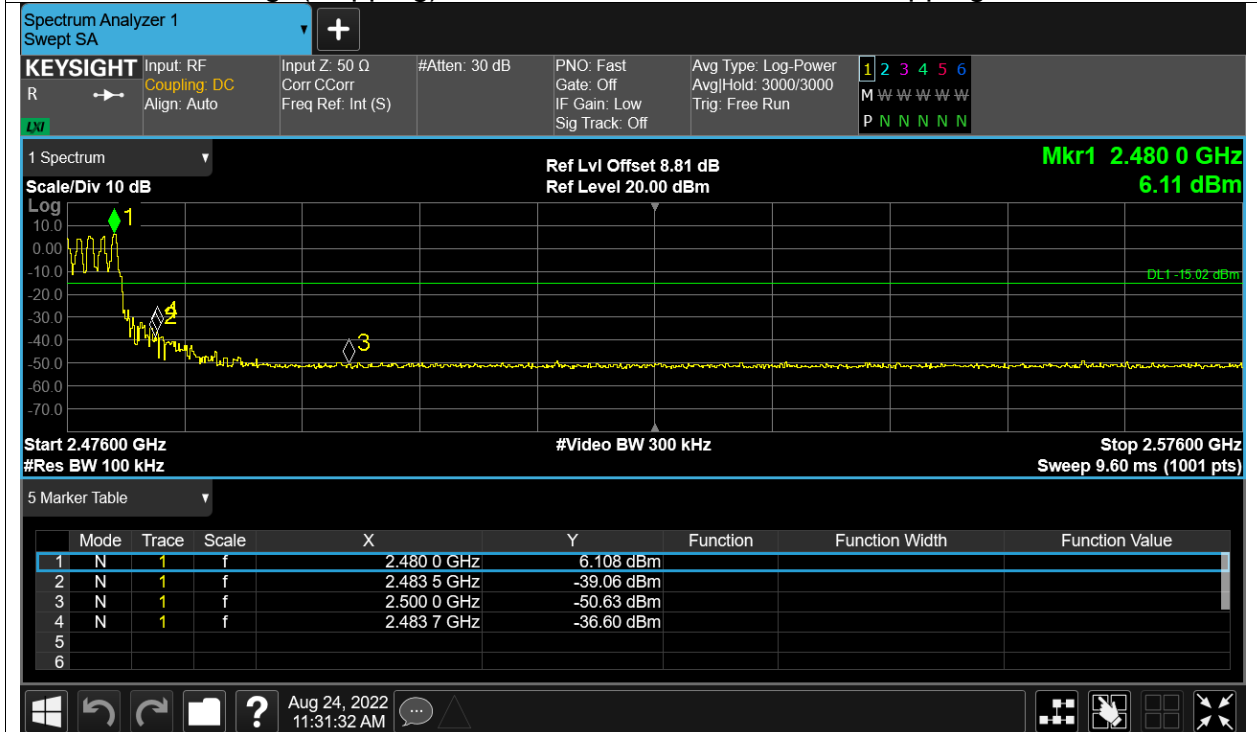
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



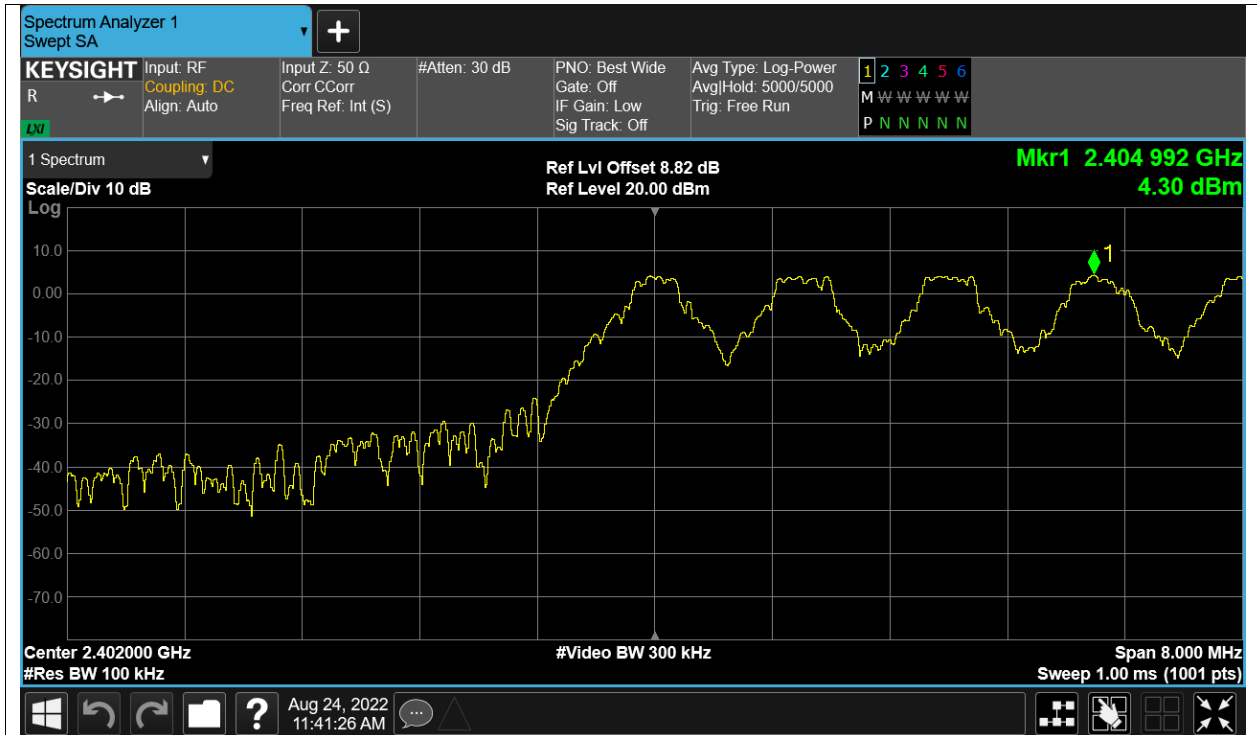
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



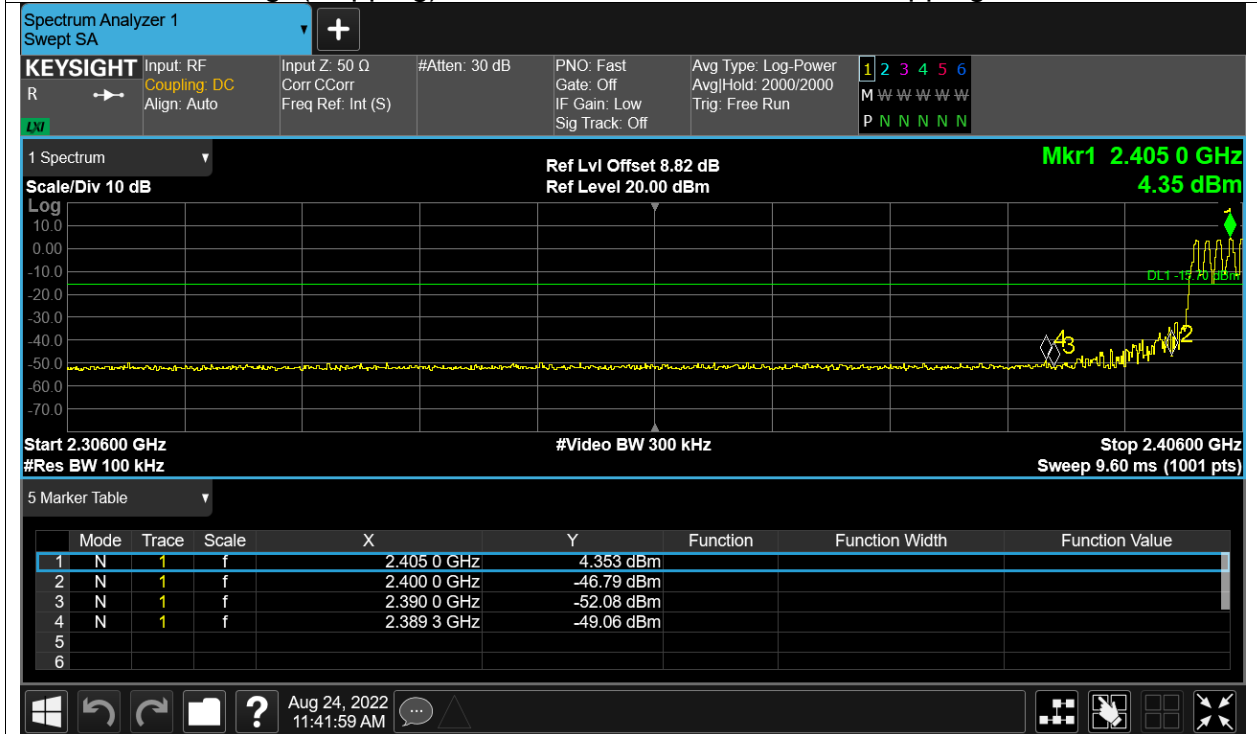
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



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



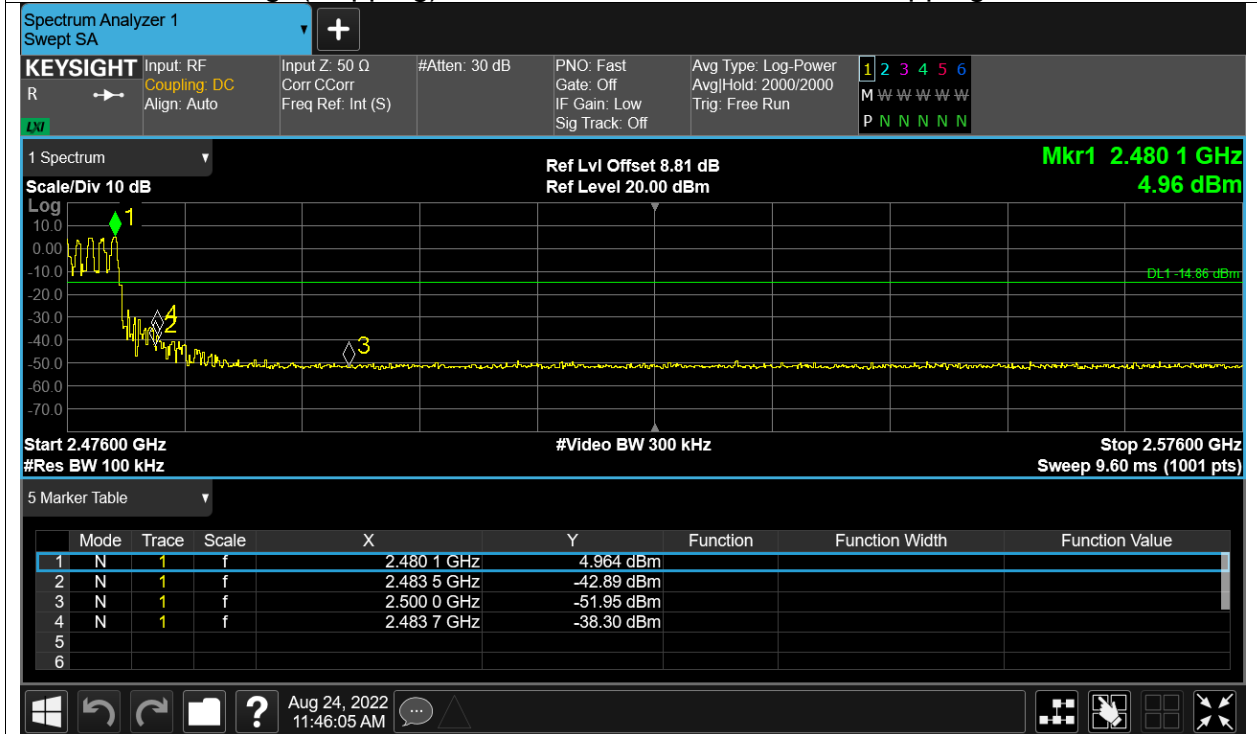
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



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

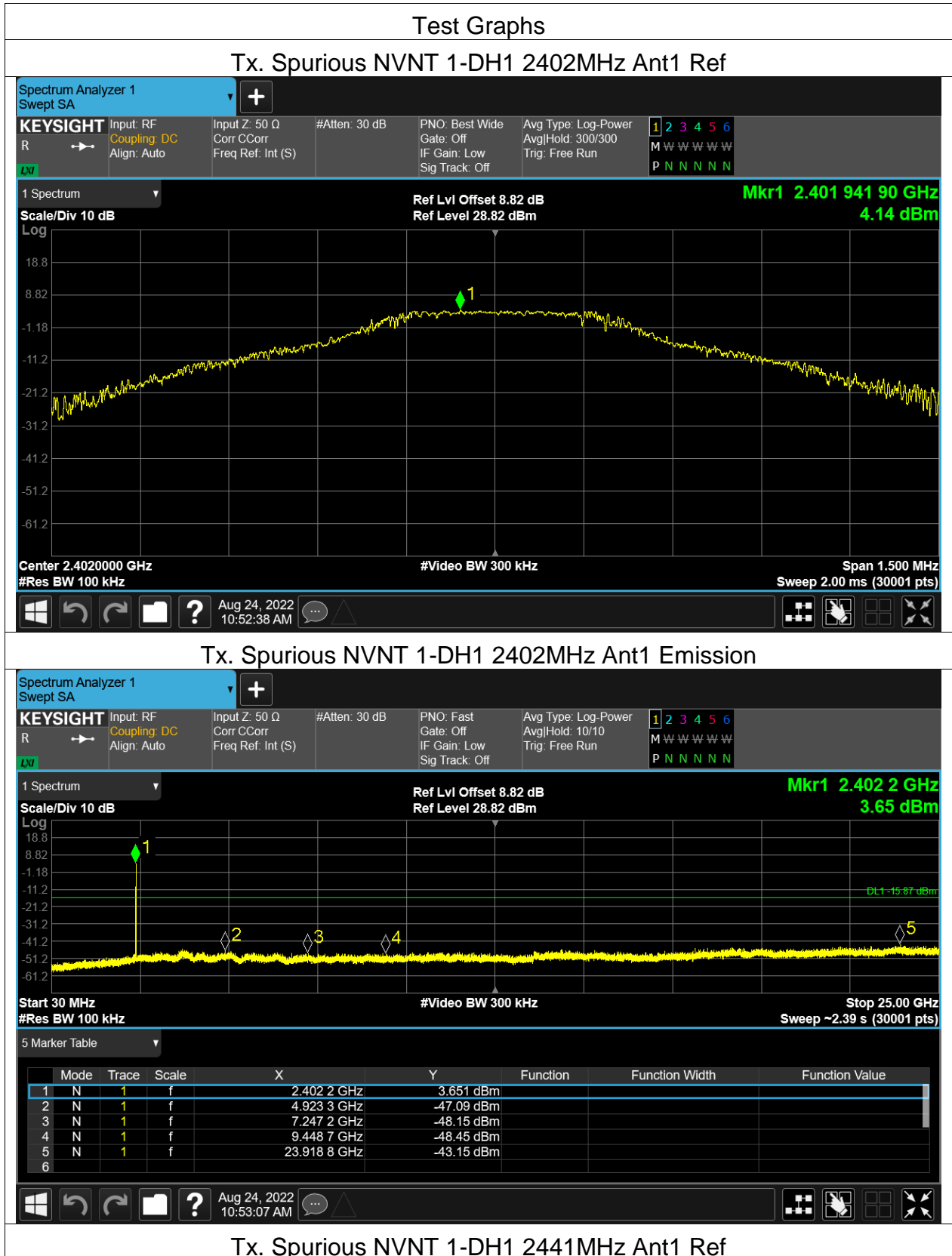


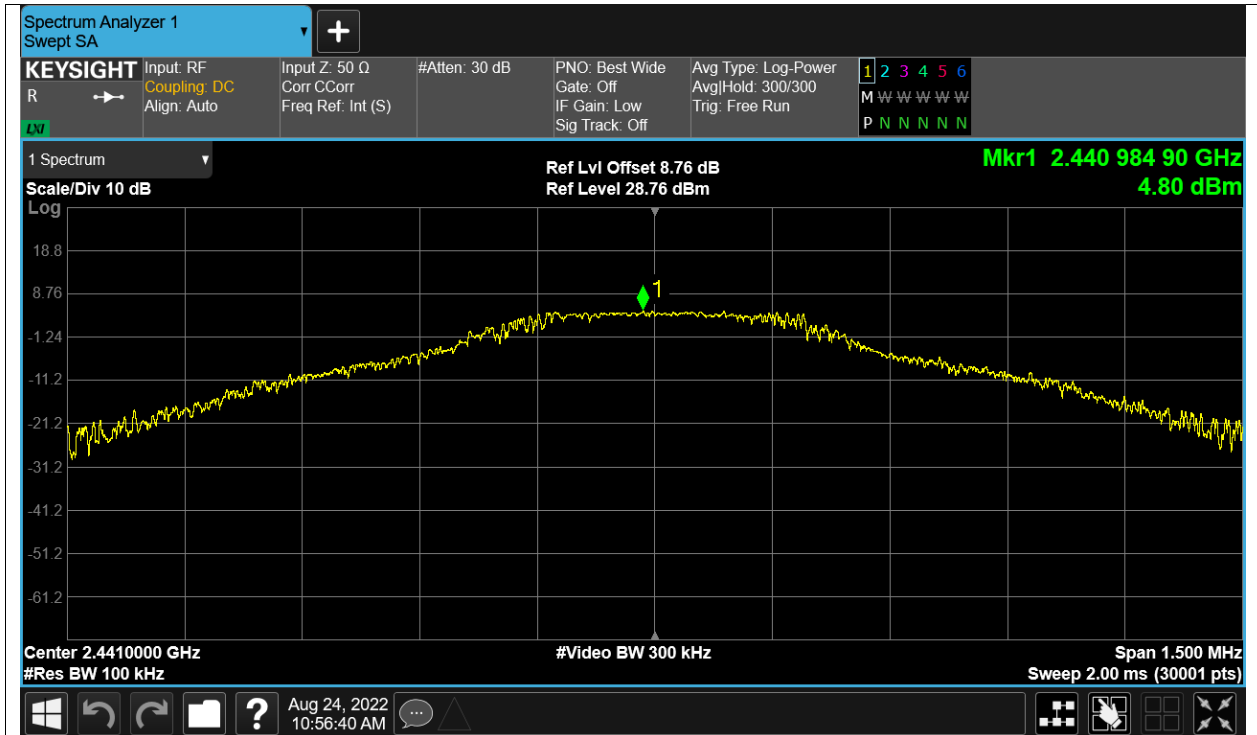
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission



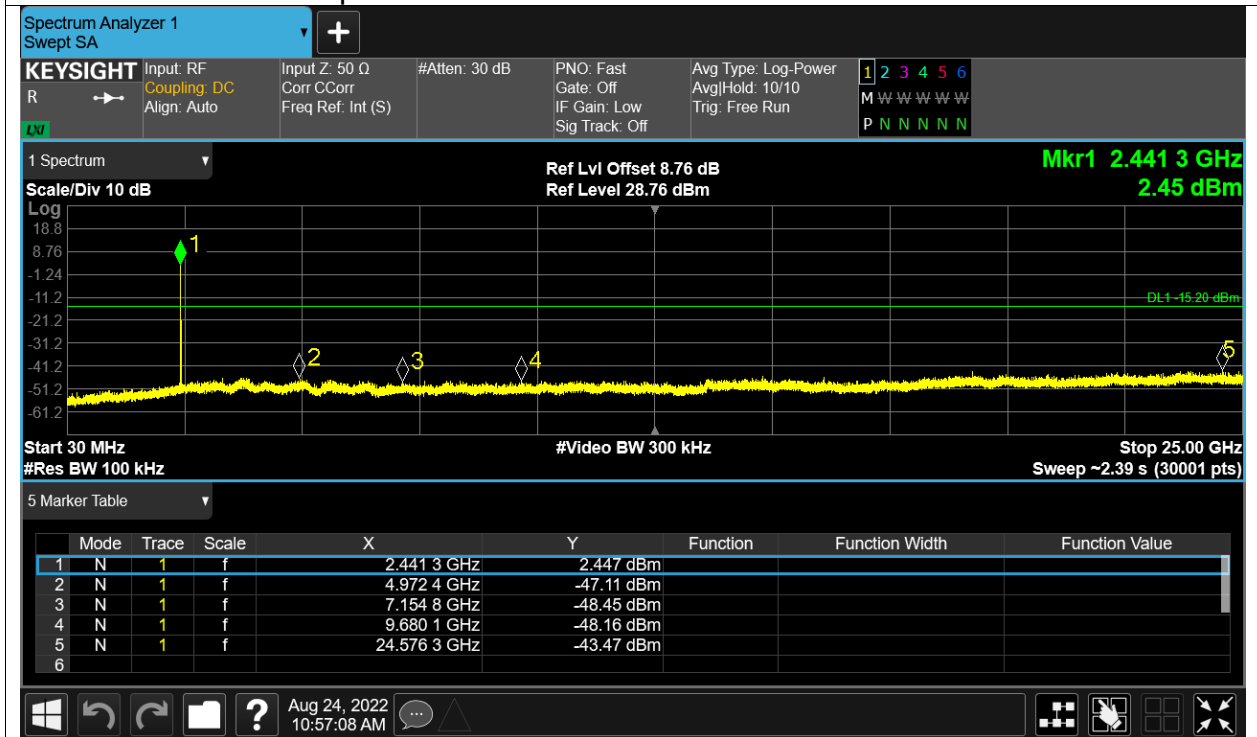
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-47.28	-20	Pass
NVNT	1-DH1	2441	Ant1	-48.27	-20	Pass
NVNT	1-DH1	2480	Ant1	-56.84	-20	Pass
NVNT	2-DH1	2402	Ant1	-48.05	-20	Pass
NVNT	2-DH1	2441	Ant1	-48.16	-20	Pass
NVNT	2-DH1	2480	Ant1	-48.77	-20	Pass
NVNT	3-DH1	2402	Ant1	-47.5	-20	Pass
NVNT	3-DH1	2441	Ant1	-48.51	-20	Pass
NVNT	3-DH1	2480	Ant1	-48.96	-20	Pass

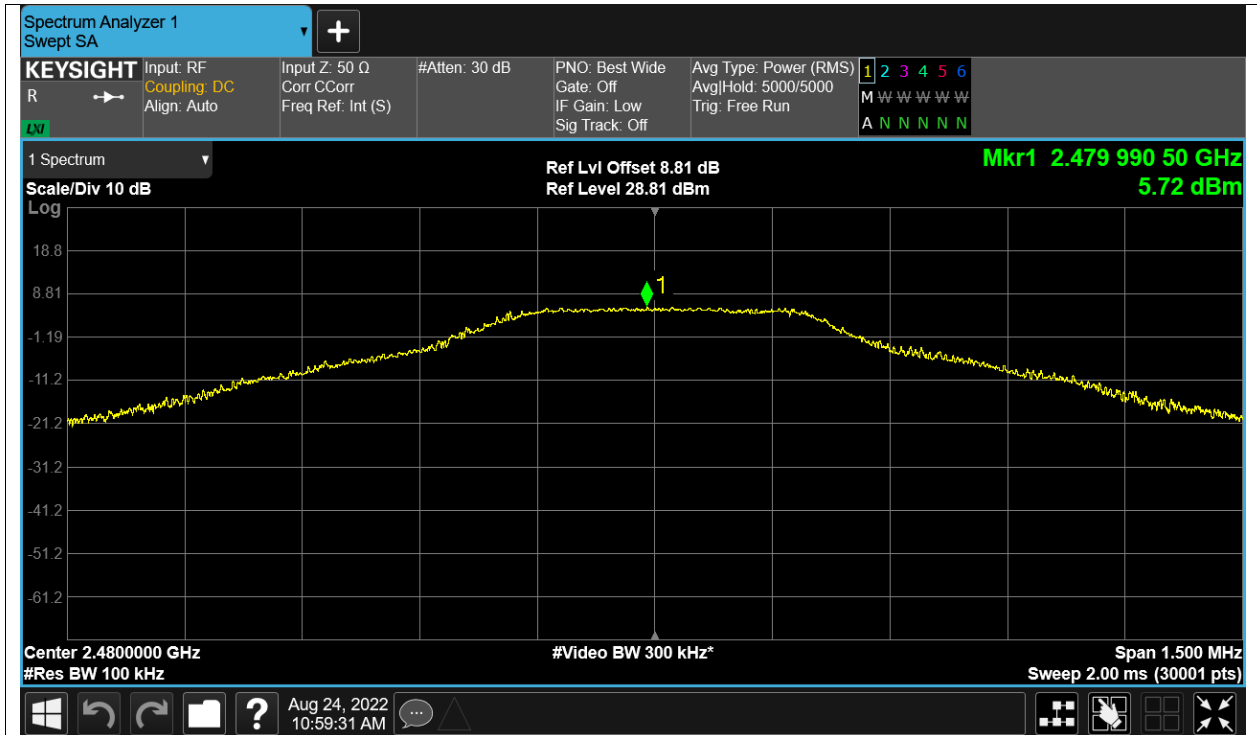




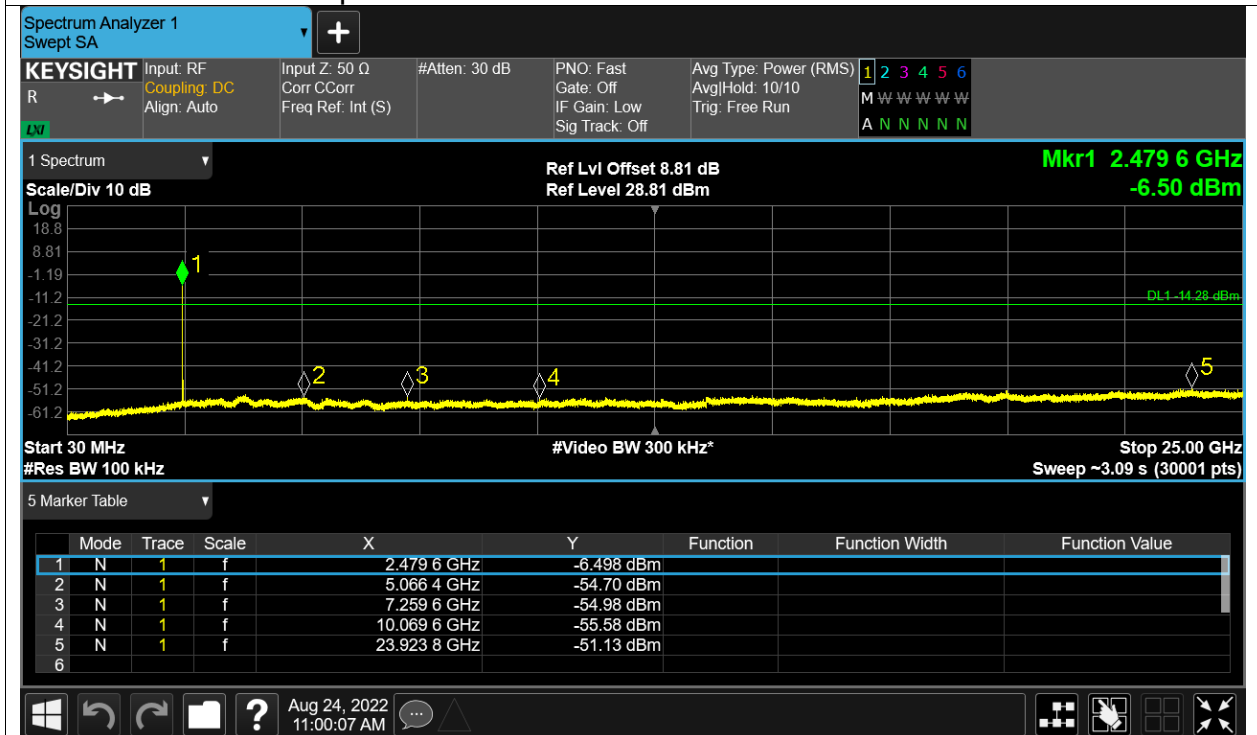
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



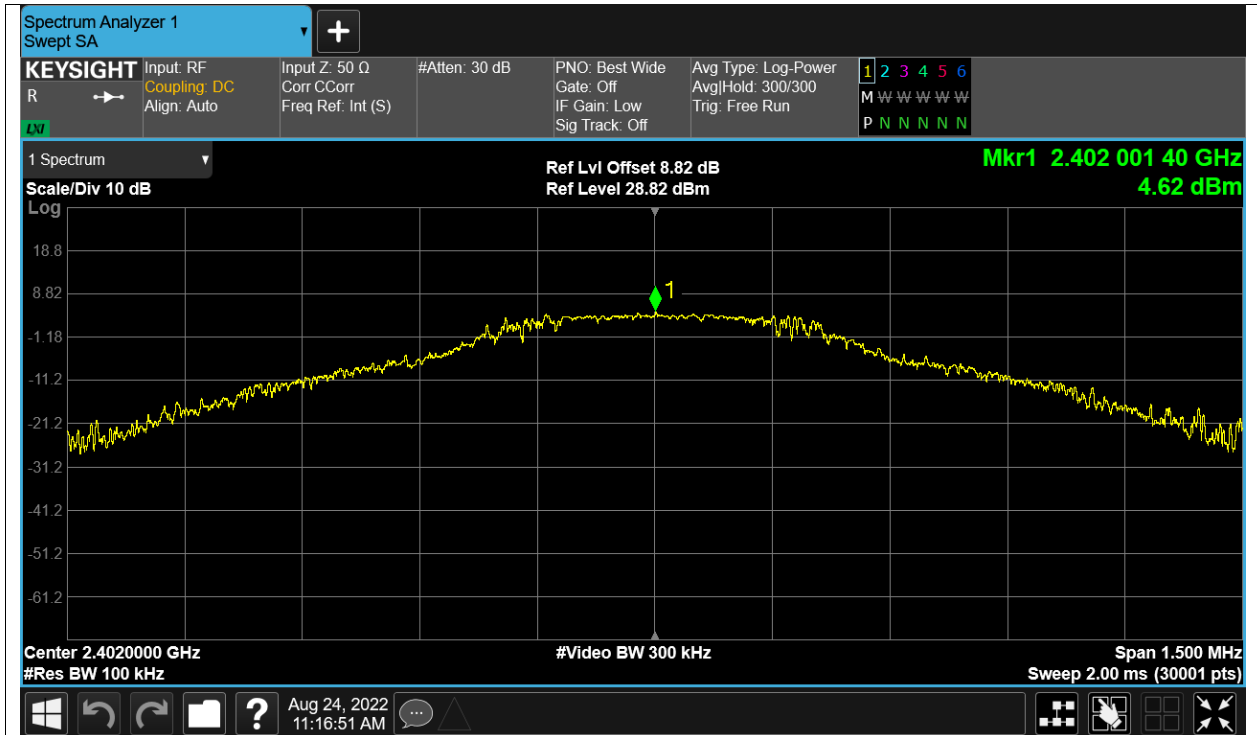
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



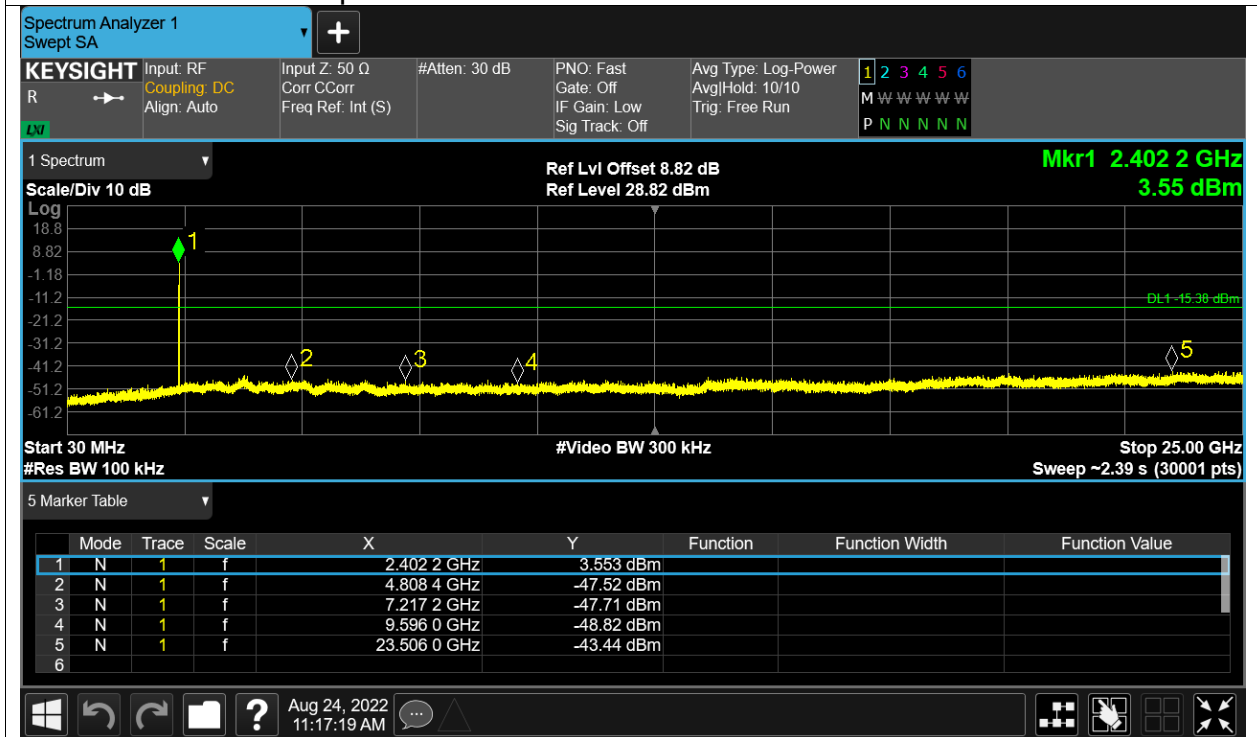
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



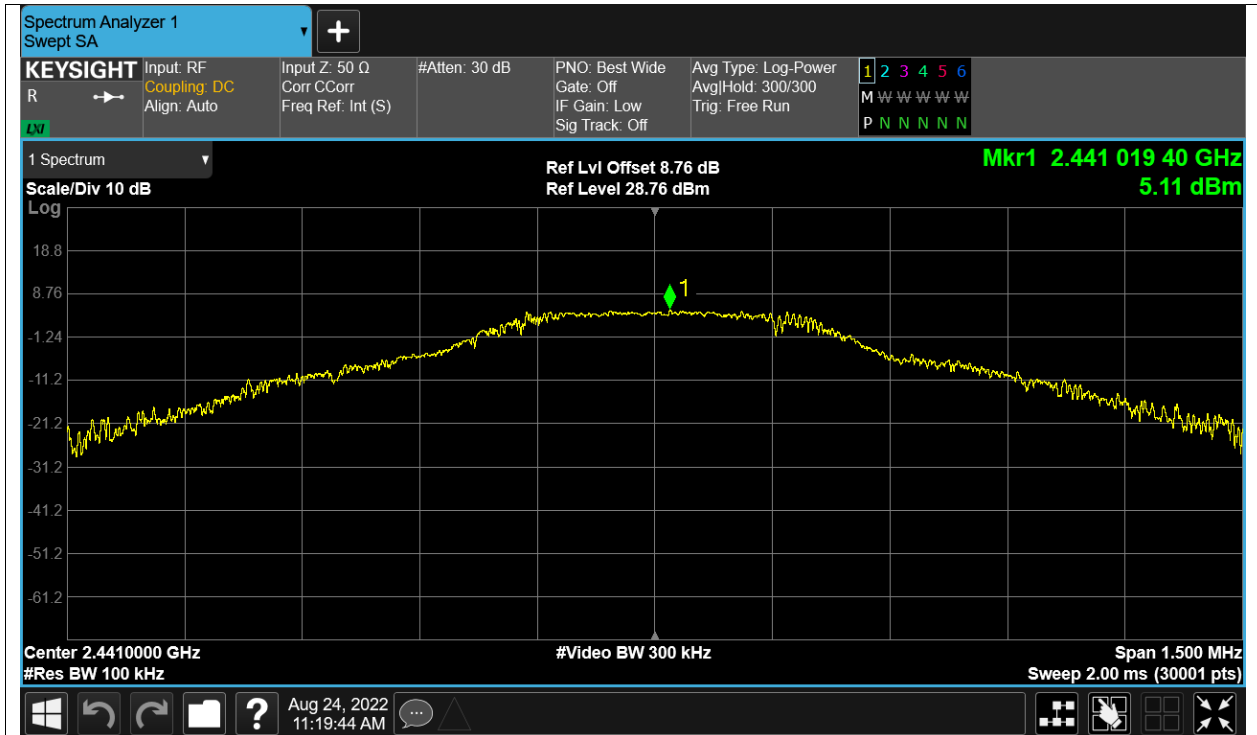
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



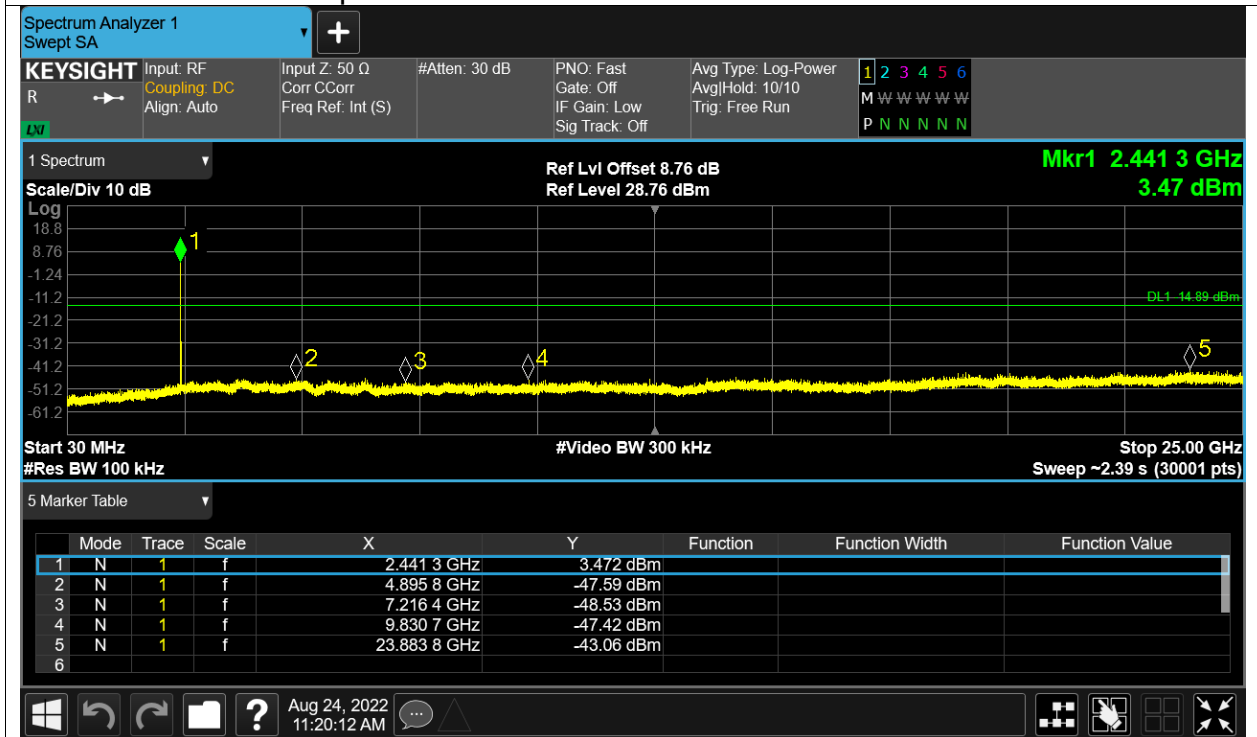
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



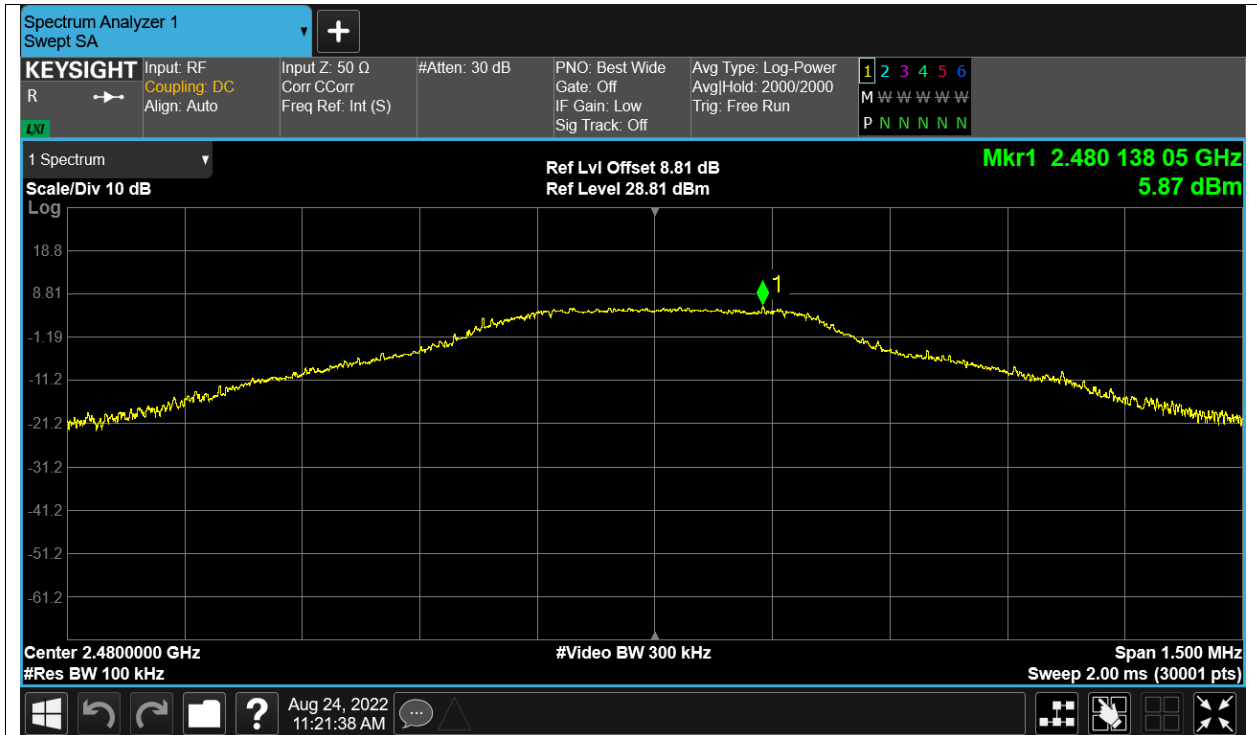
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



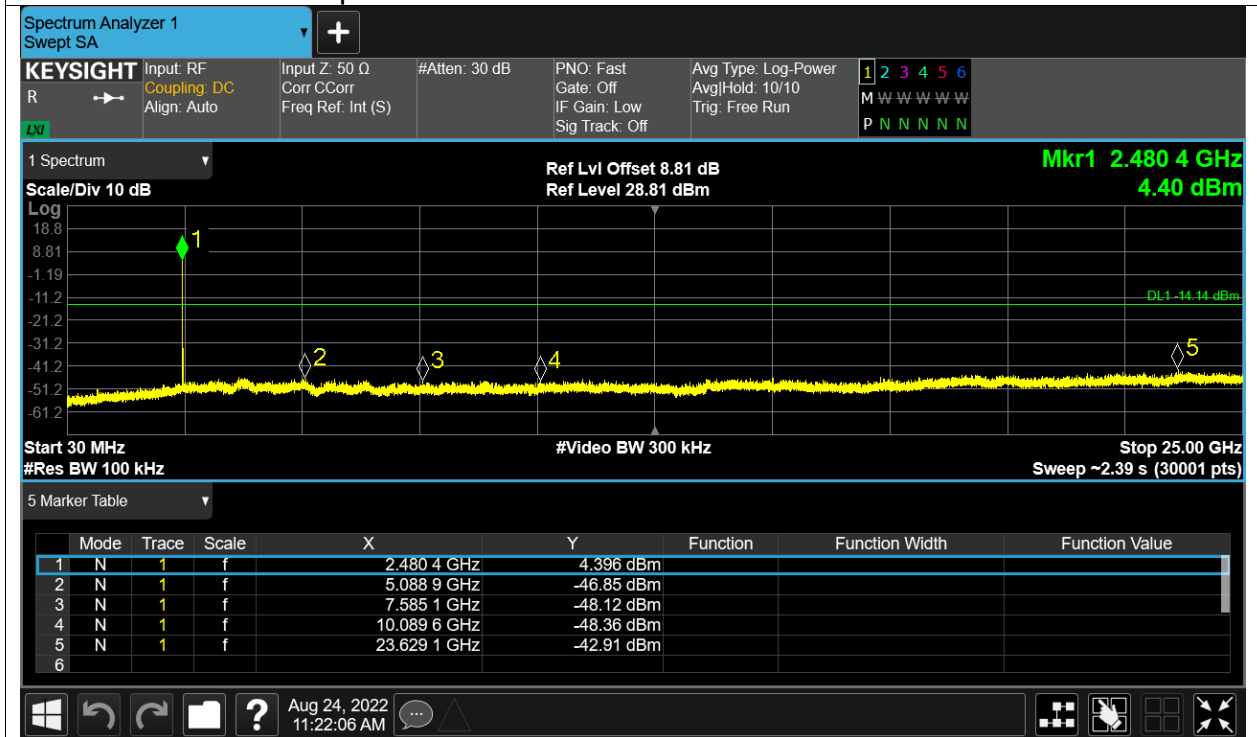
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



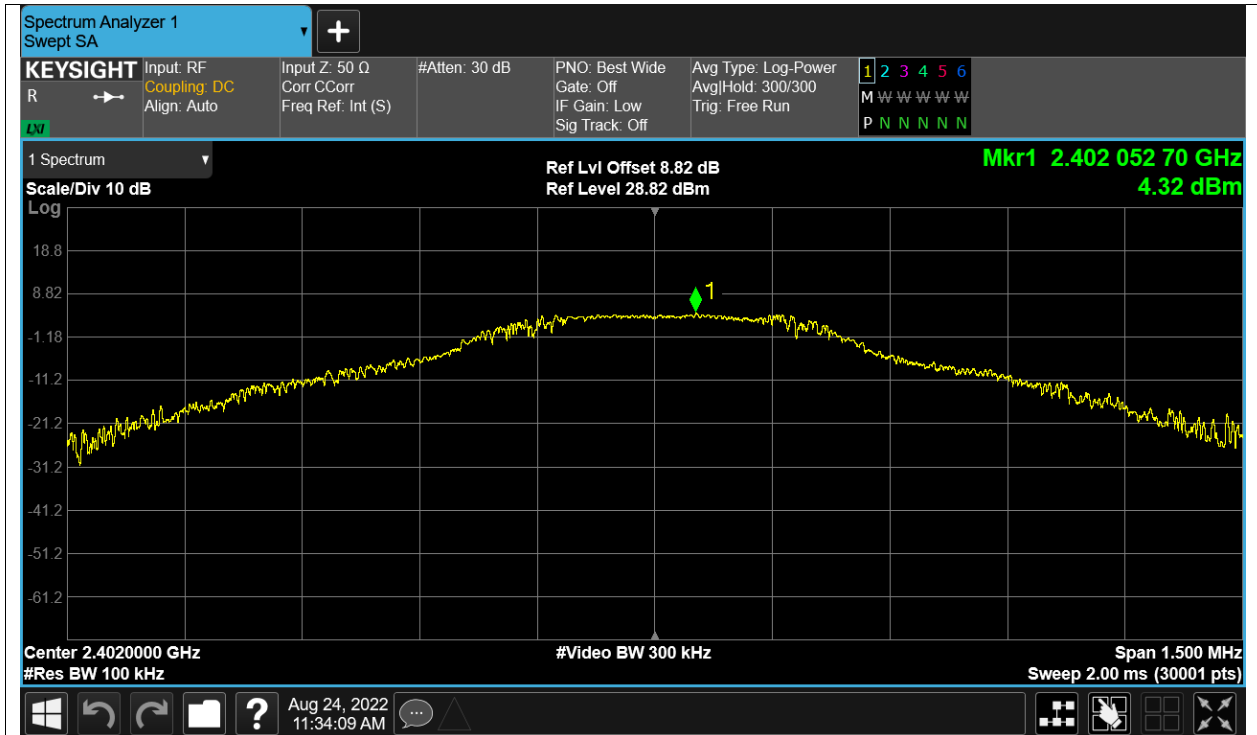
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



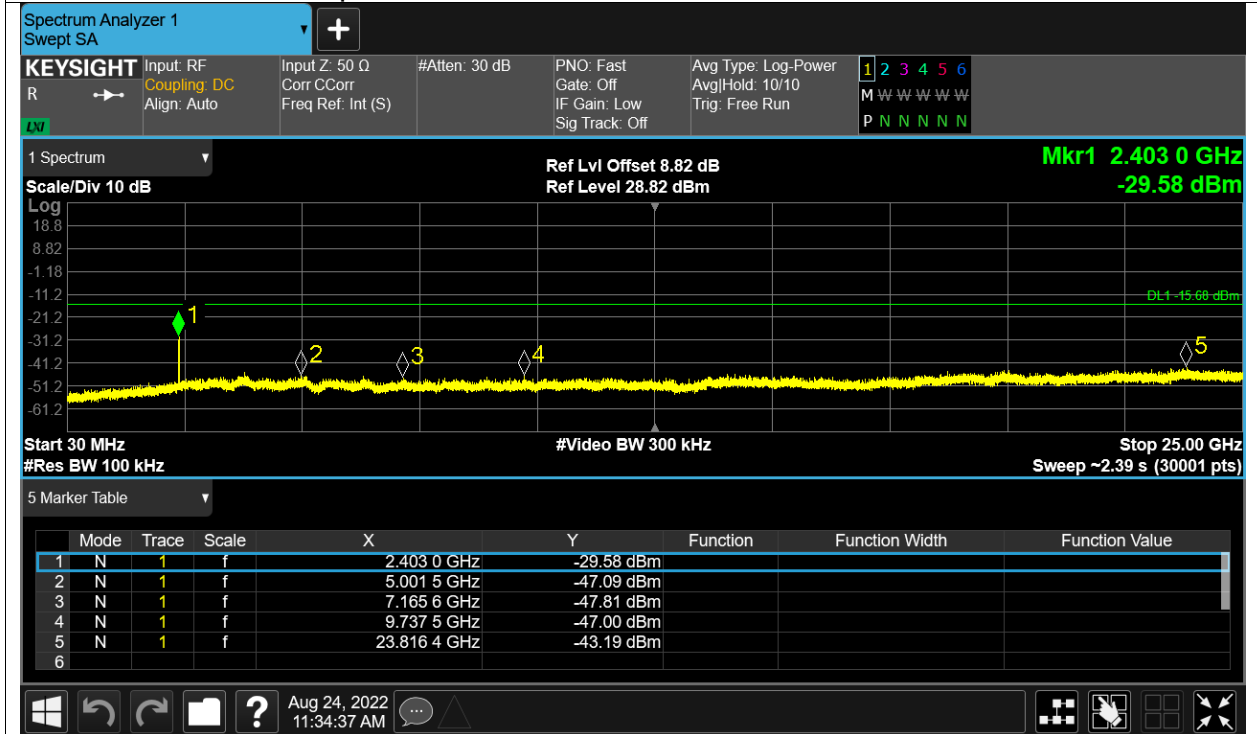
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



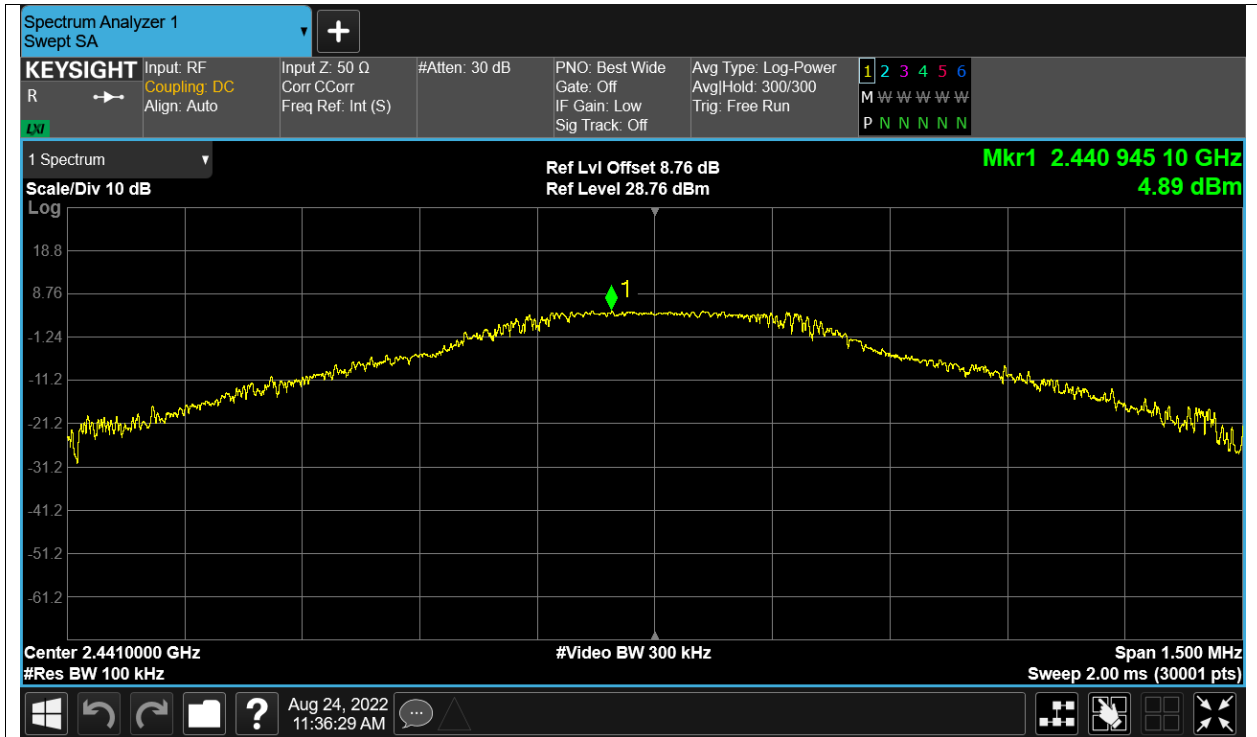
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



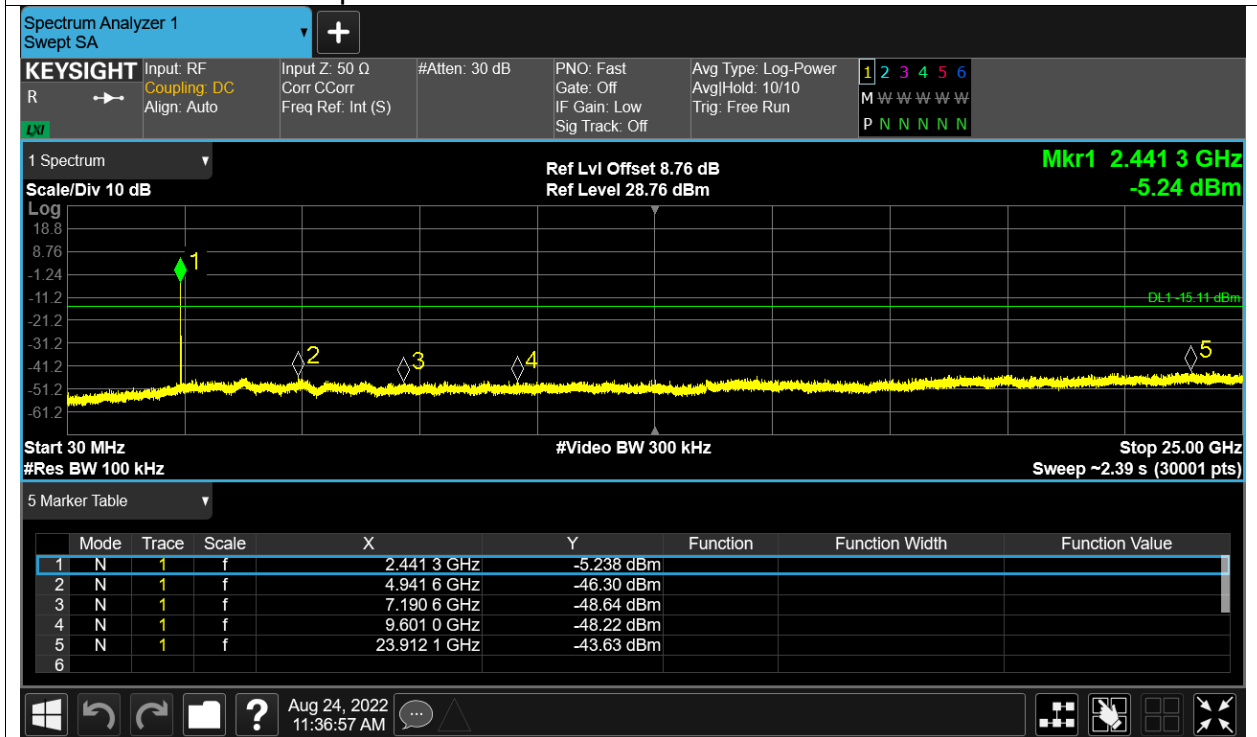
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



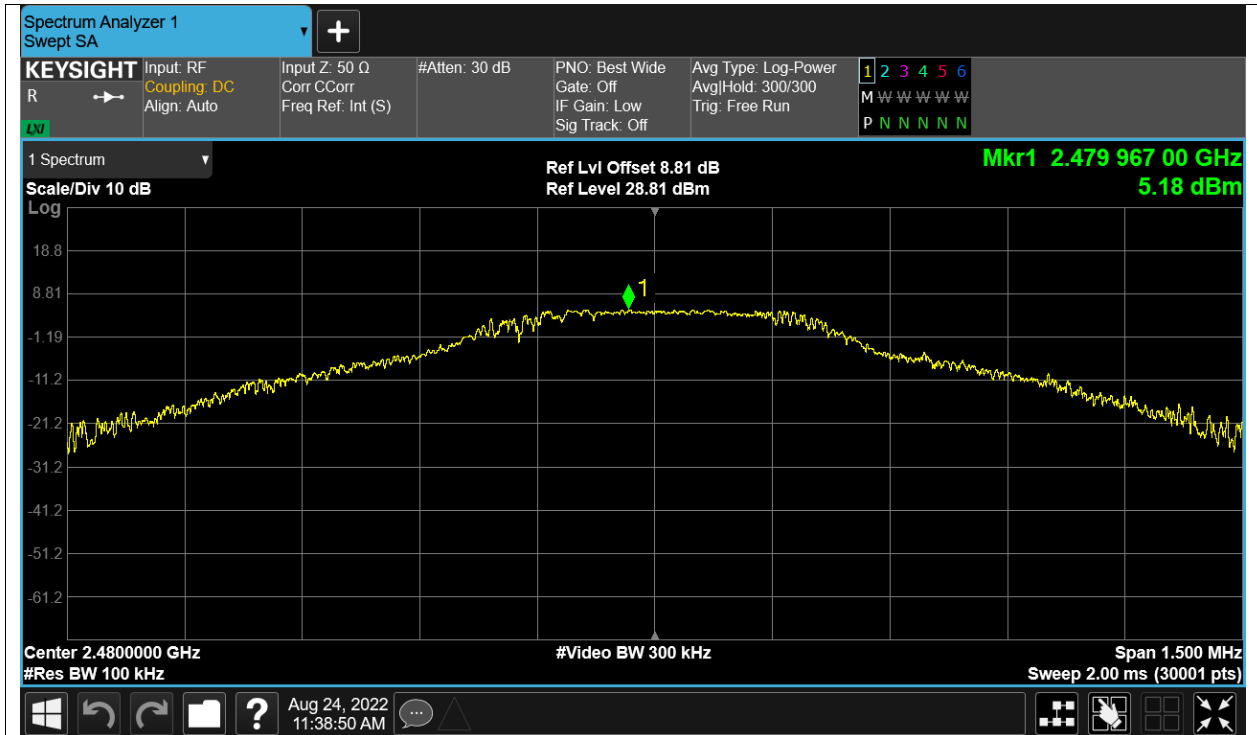
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



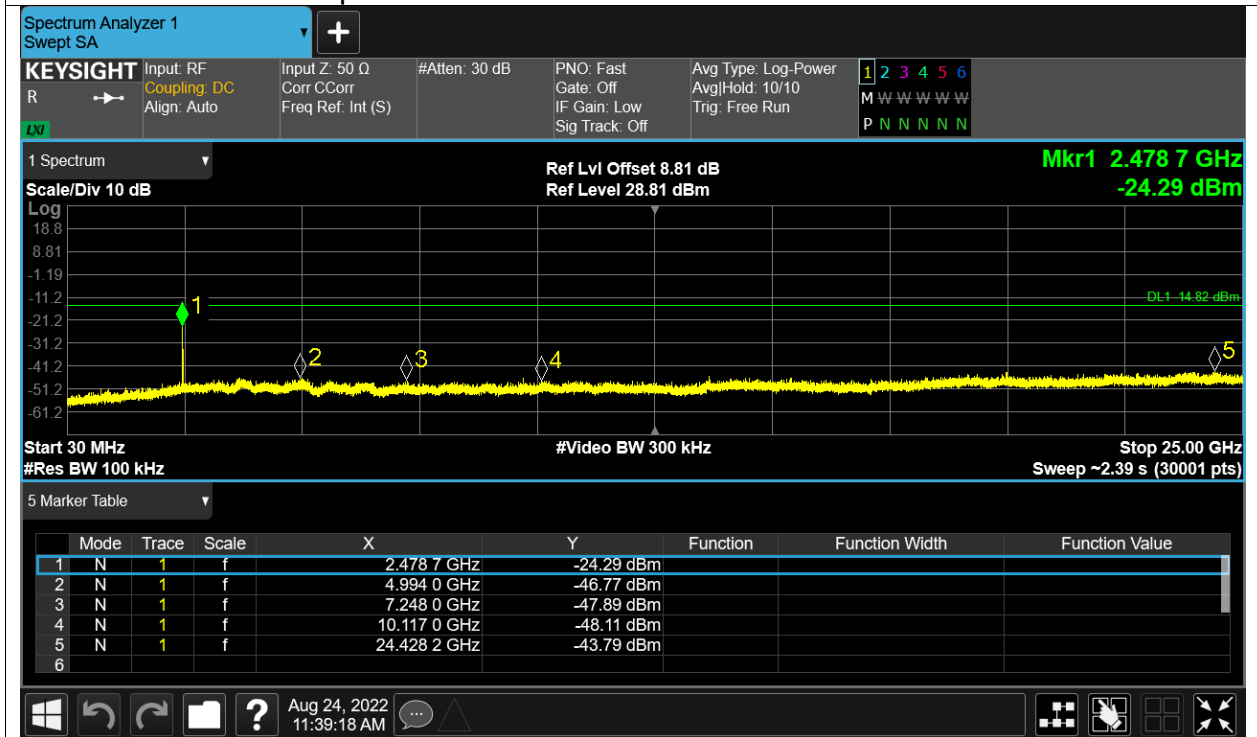
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

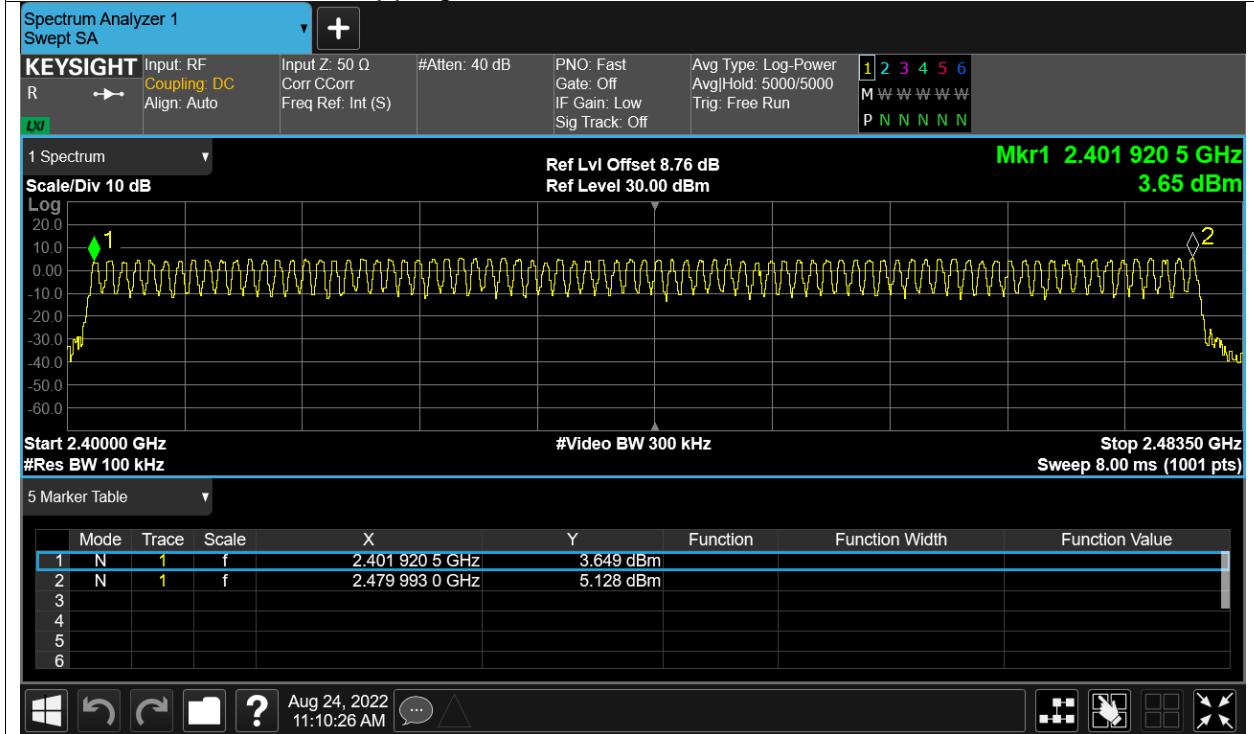


Number of Hopping Channel

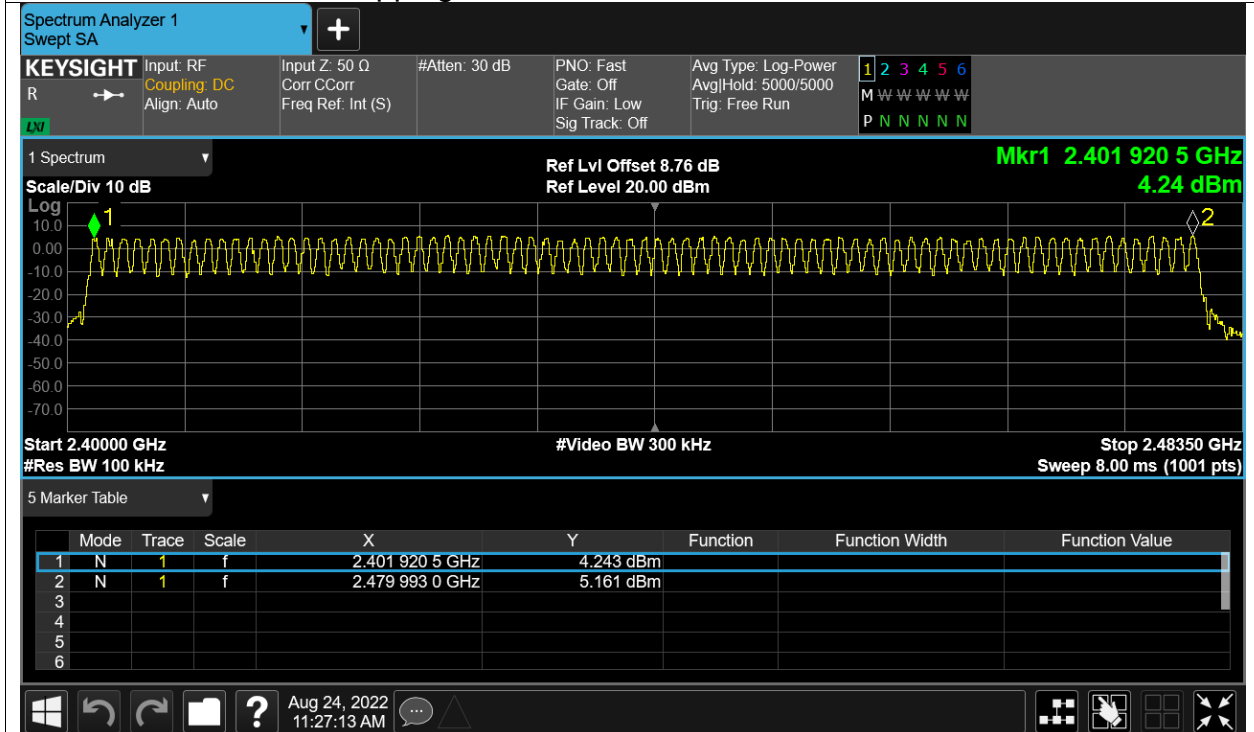
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass

Test Graphs

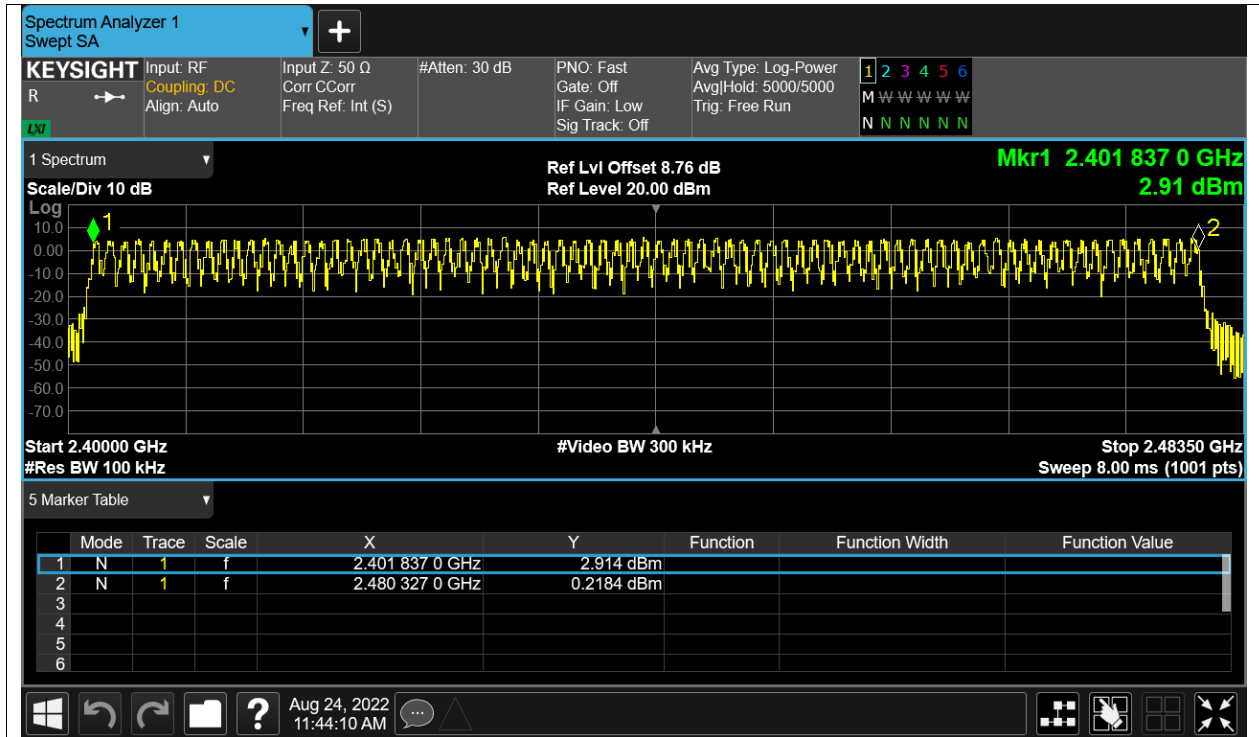
Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



Hopping No. NVNT 3-DH1 2441MHz Ant1

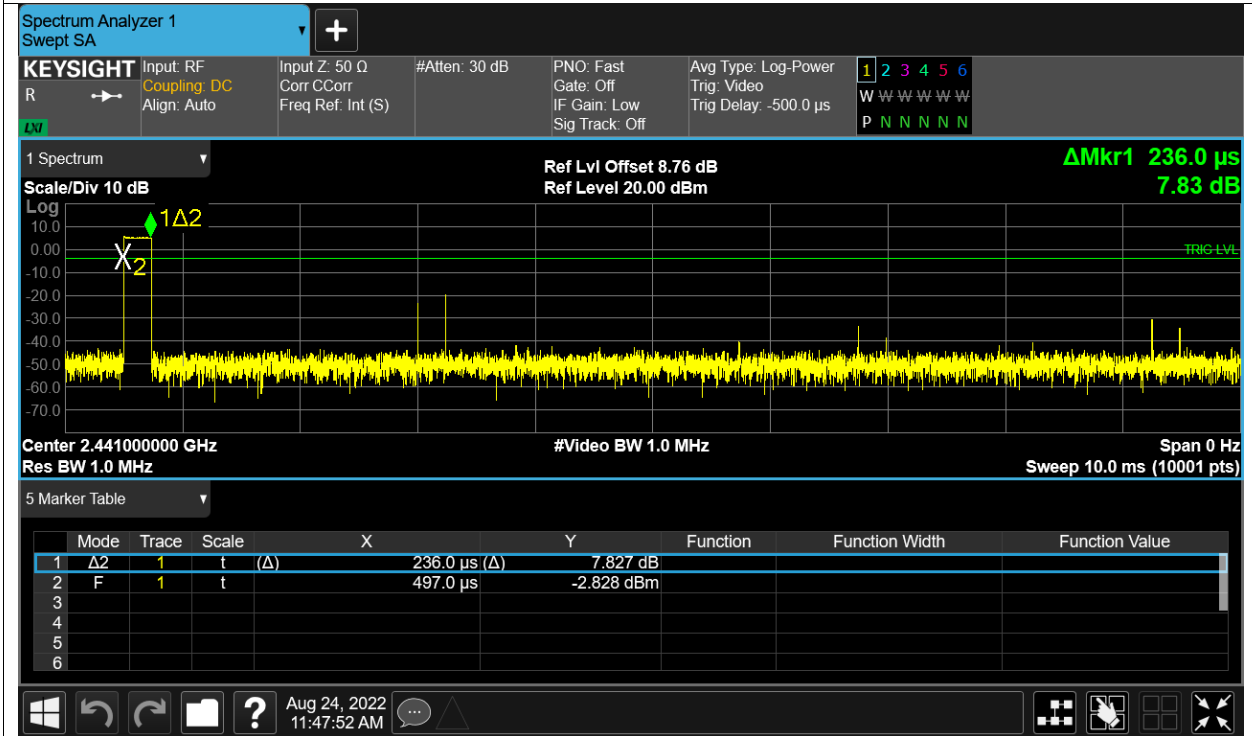


Dwell Time

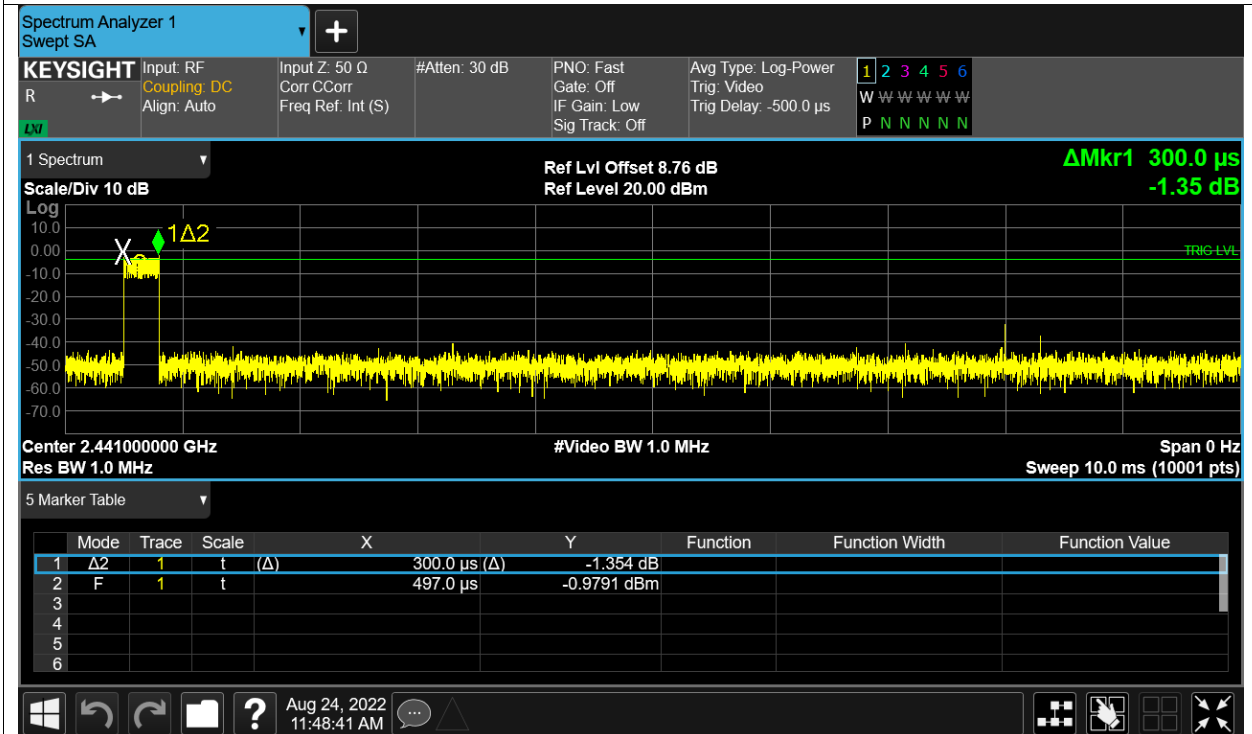
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.236	75.52	31600	400	Pass
NVNT	1-DH3	2441	Ant1	0.3	48	31600	400	Pass
NVNT	1-DH5	2441	Ant1	0.332	35.413	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.237	75.84	31600	400	Pass
NVNT	2-DH3	2441	Ant1	0.36	57.6	31600	400	Pass
NVNT	2-DH5	2441	Ant1	0.405	43.2	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.237	75.84	31600	400	Pass
NVNT	3-DH3	2441	Ant1	0.3	48	31600	400	Pass
NVNT	3-DH5	2441	Ant1	0.332	35.413	31600	400	Pass

Test Graphs

Dwell NVNT 1-DH1 2441MHz Ant1



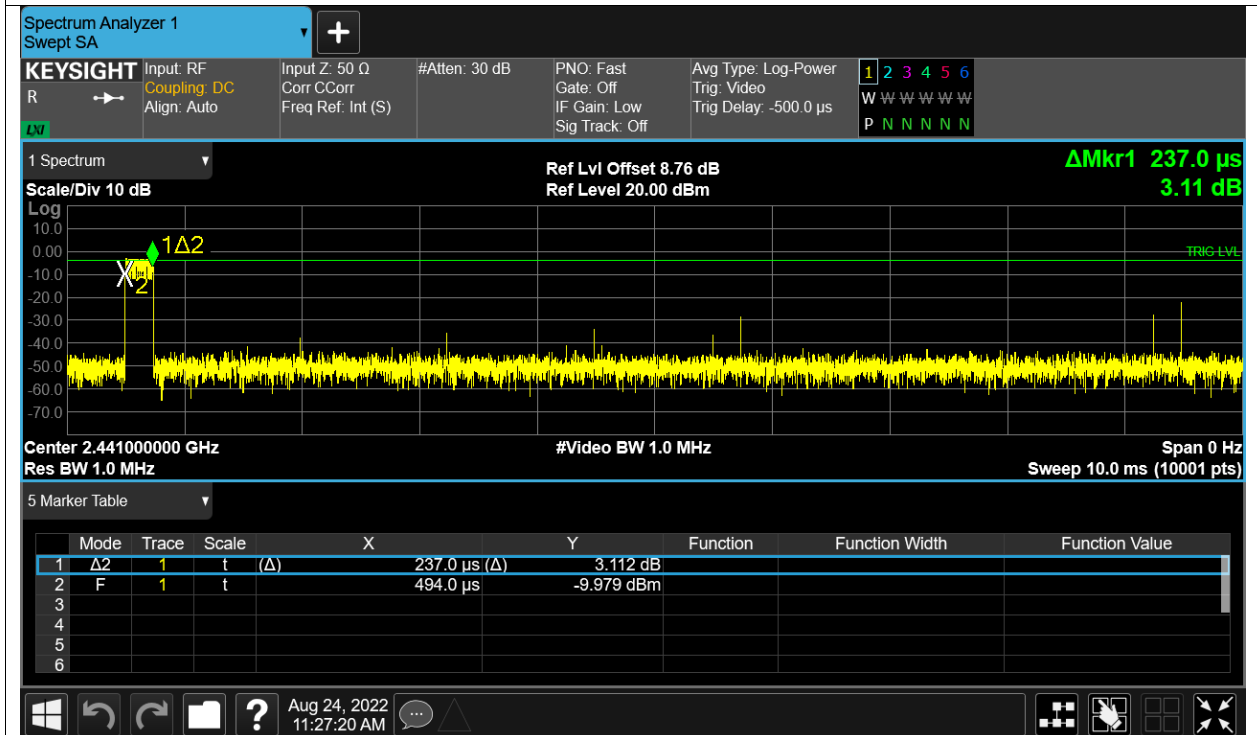
Dwell NVNT 1-DH3 2441MHz Ant1



Dwell NVNT 1-DH5 2441MHz Ant1



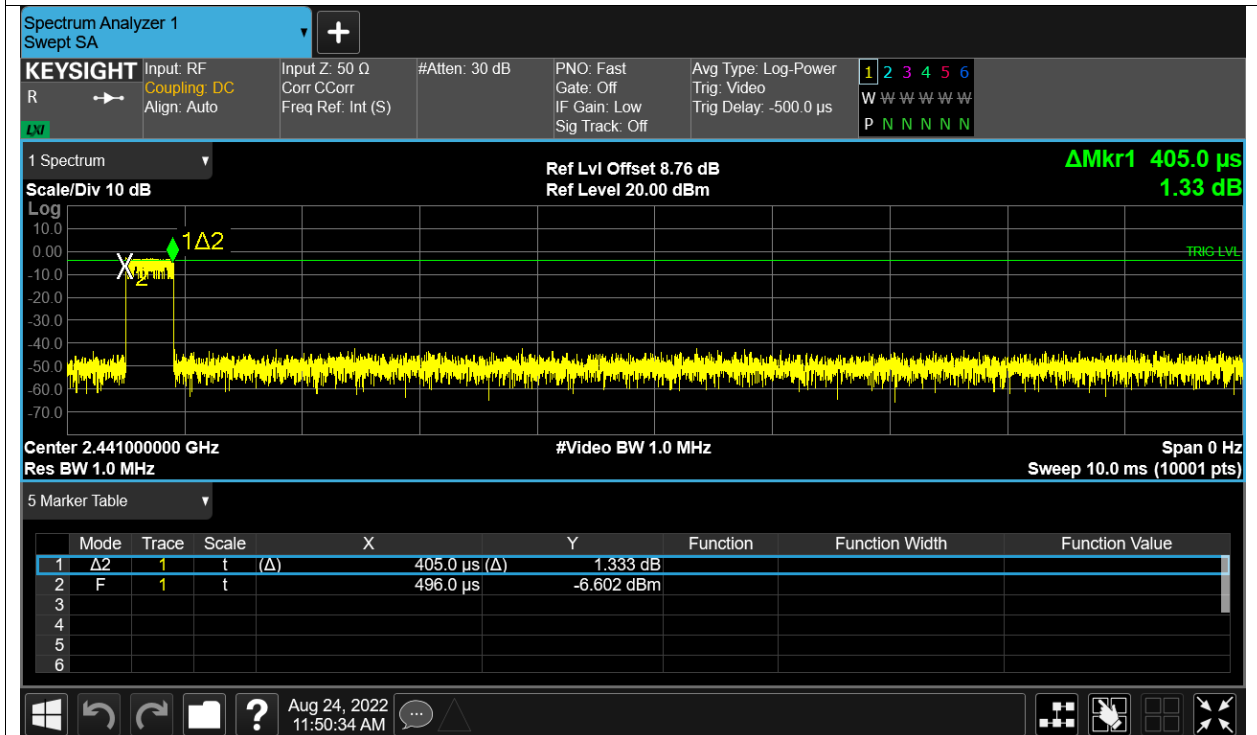
Dwell NVNT 2-DH1 2441MHz Ant1



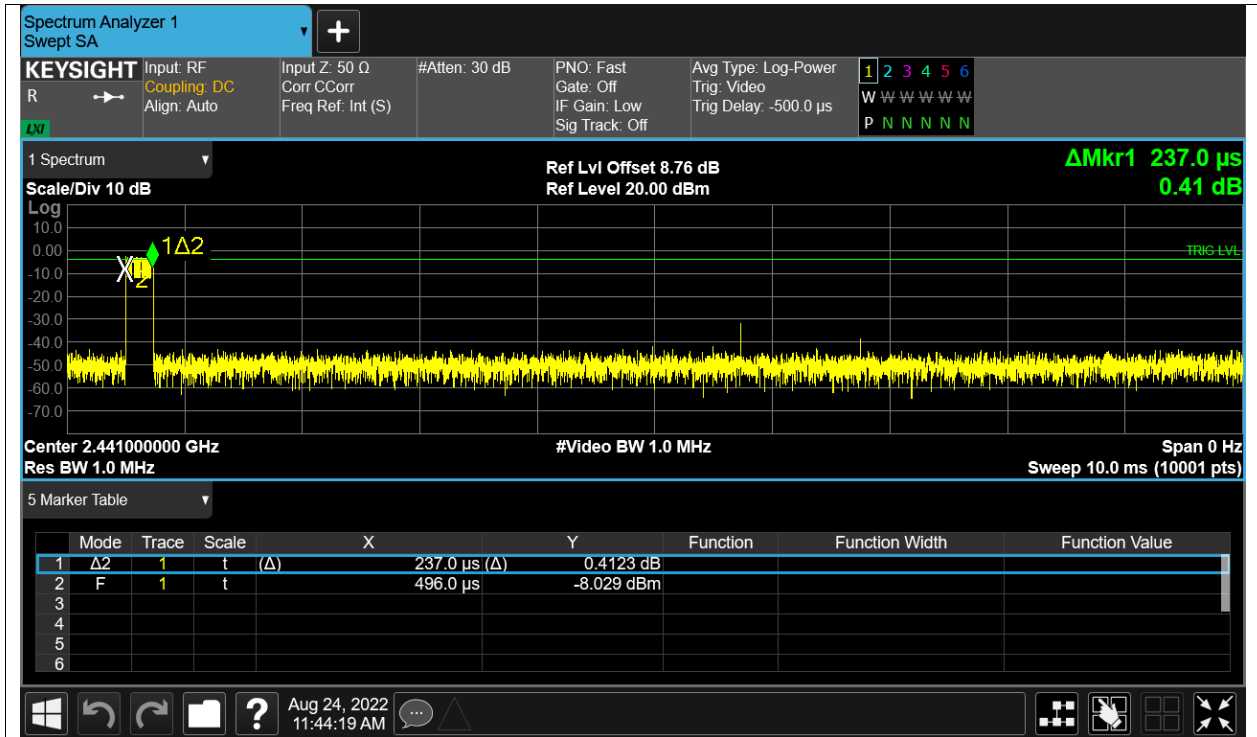
Dwell NVNT 2-DH3 2441MHz Ant1



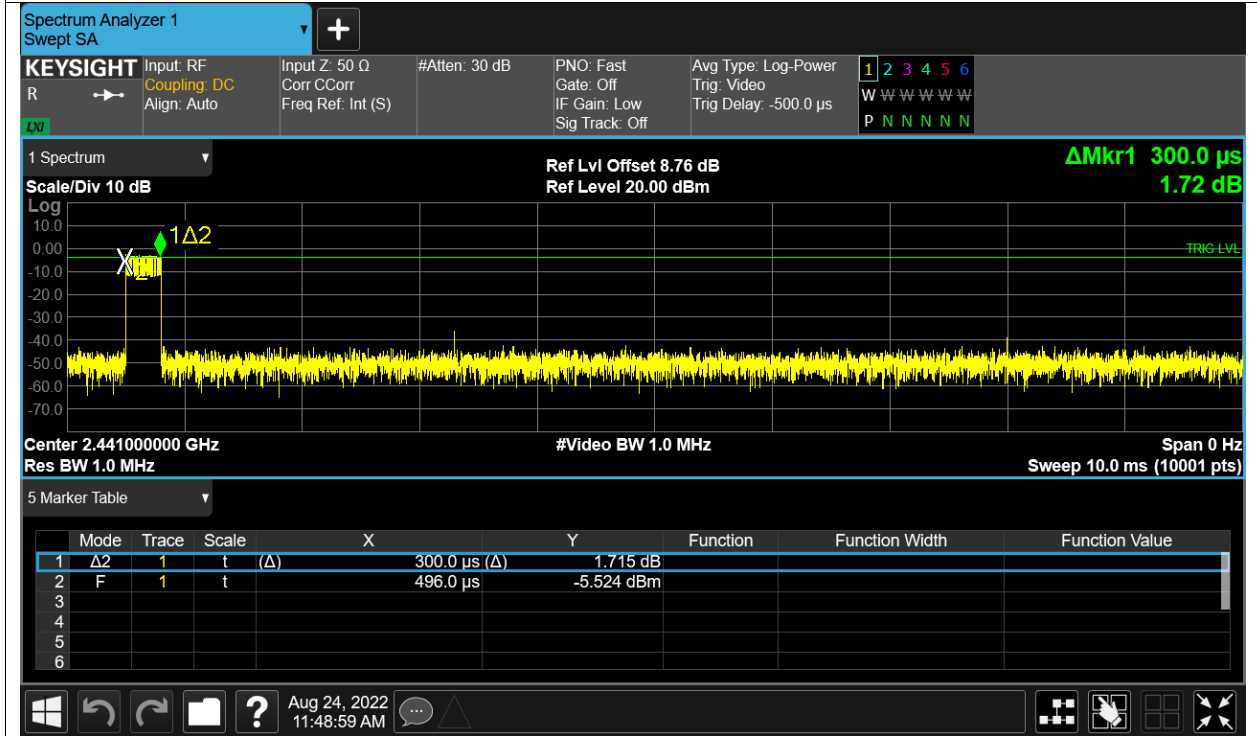
Dwell NVNT 2-DH5 2441MHz Ant1



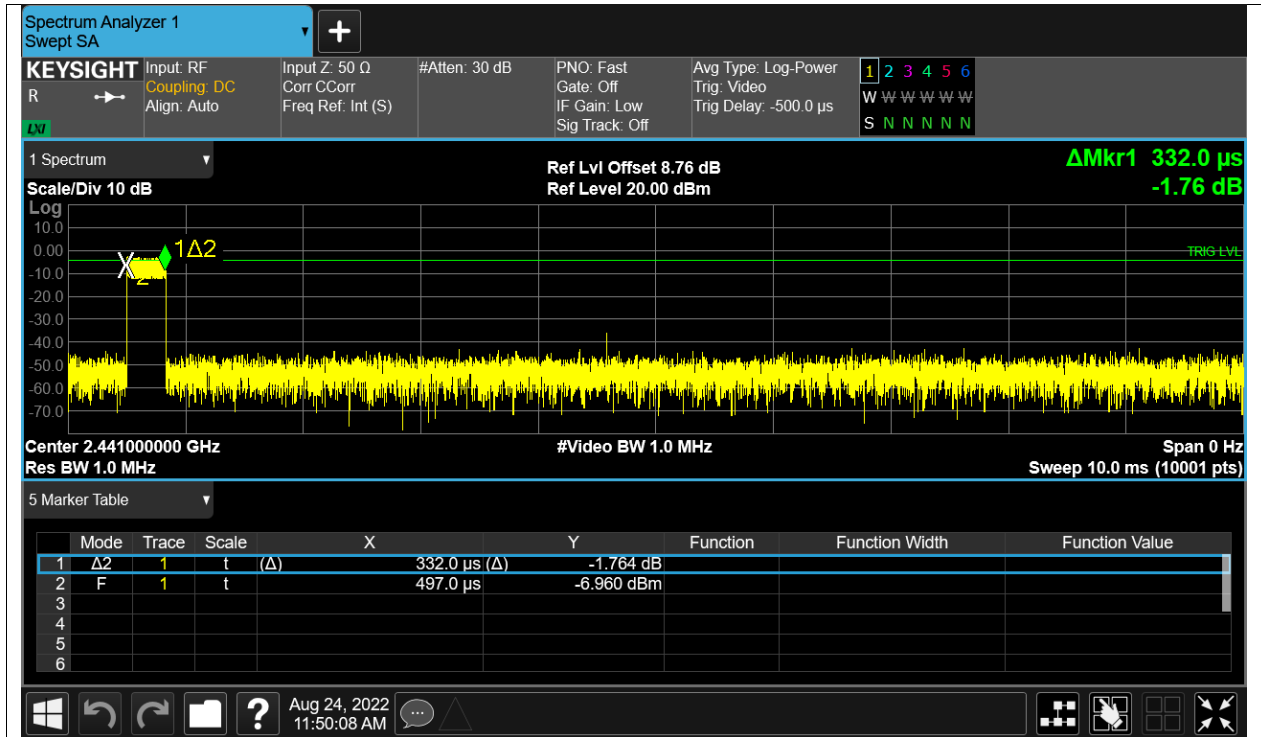
Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1



Dwell NVNT 3-DH5 2441MHz Ant1



-----End of report-----