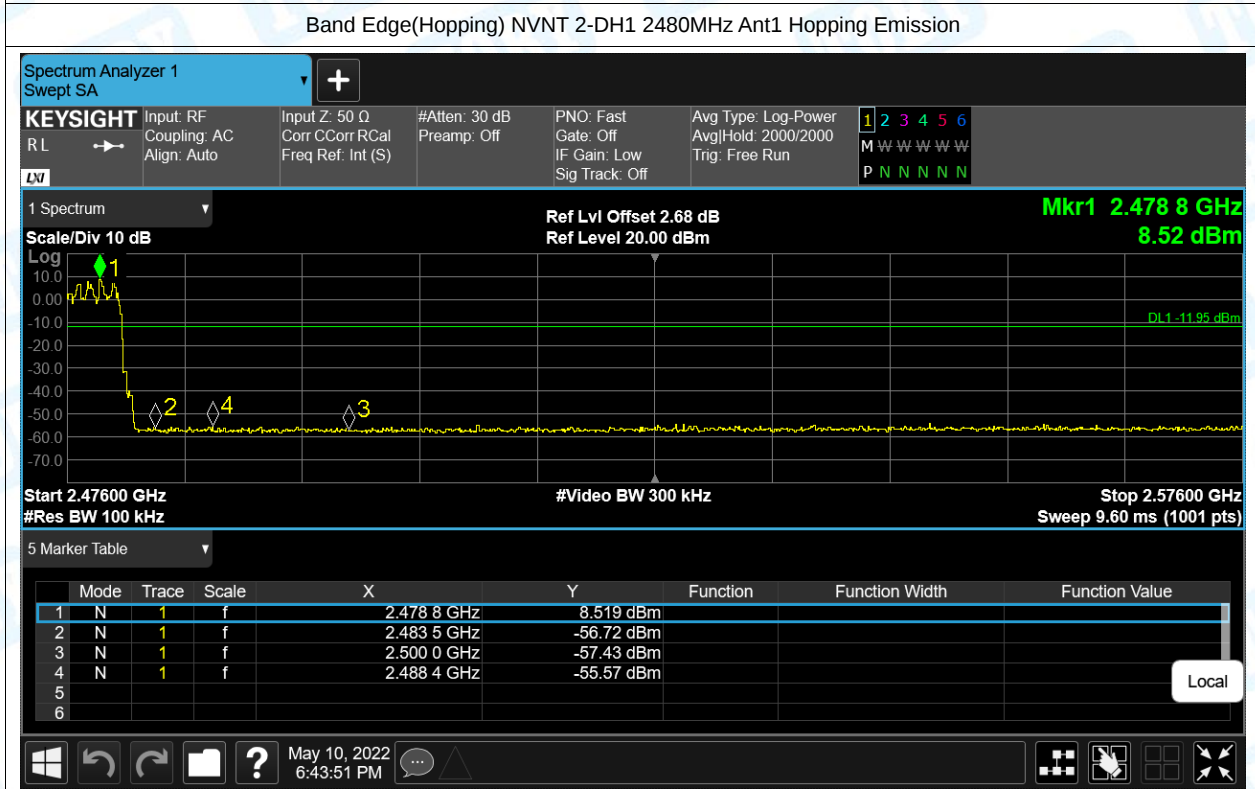
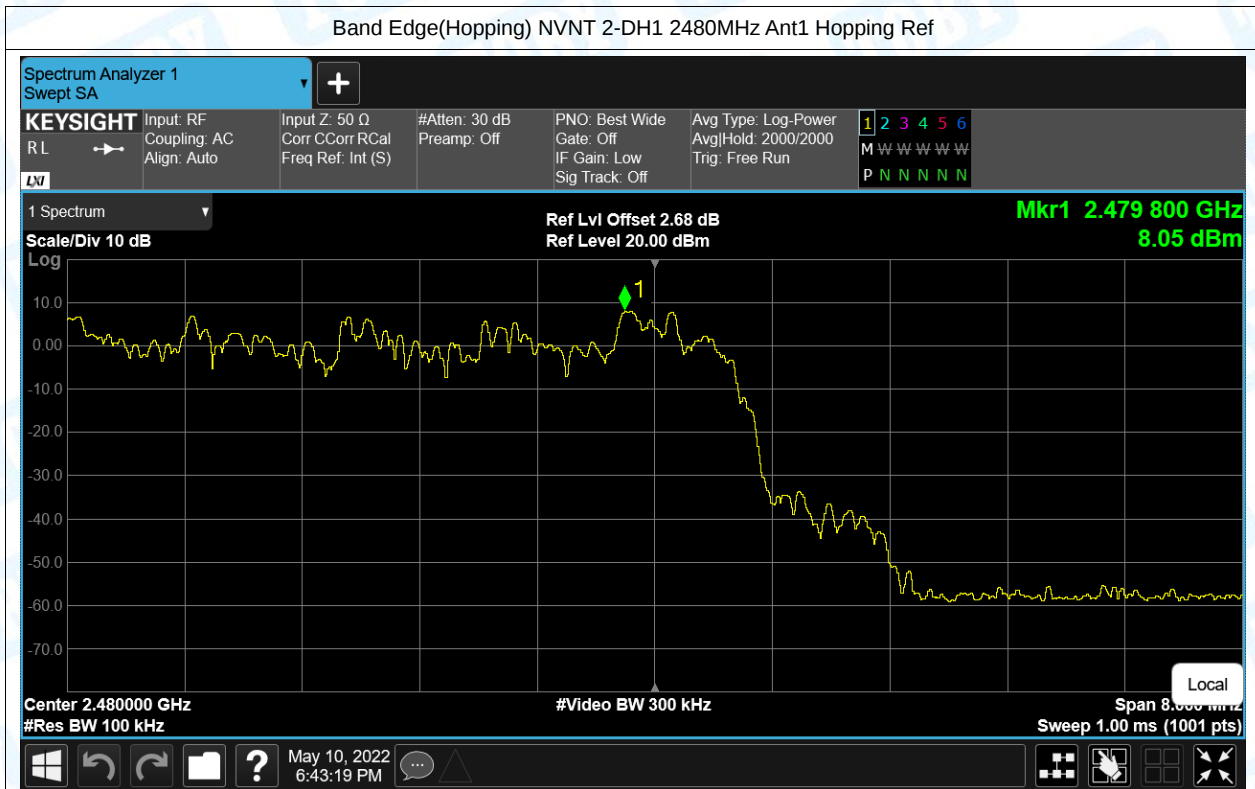
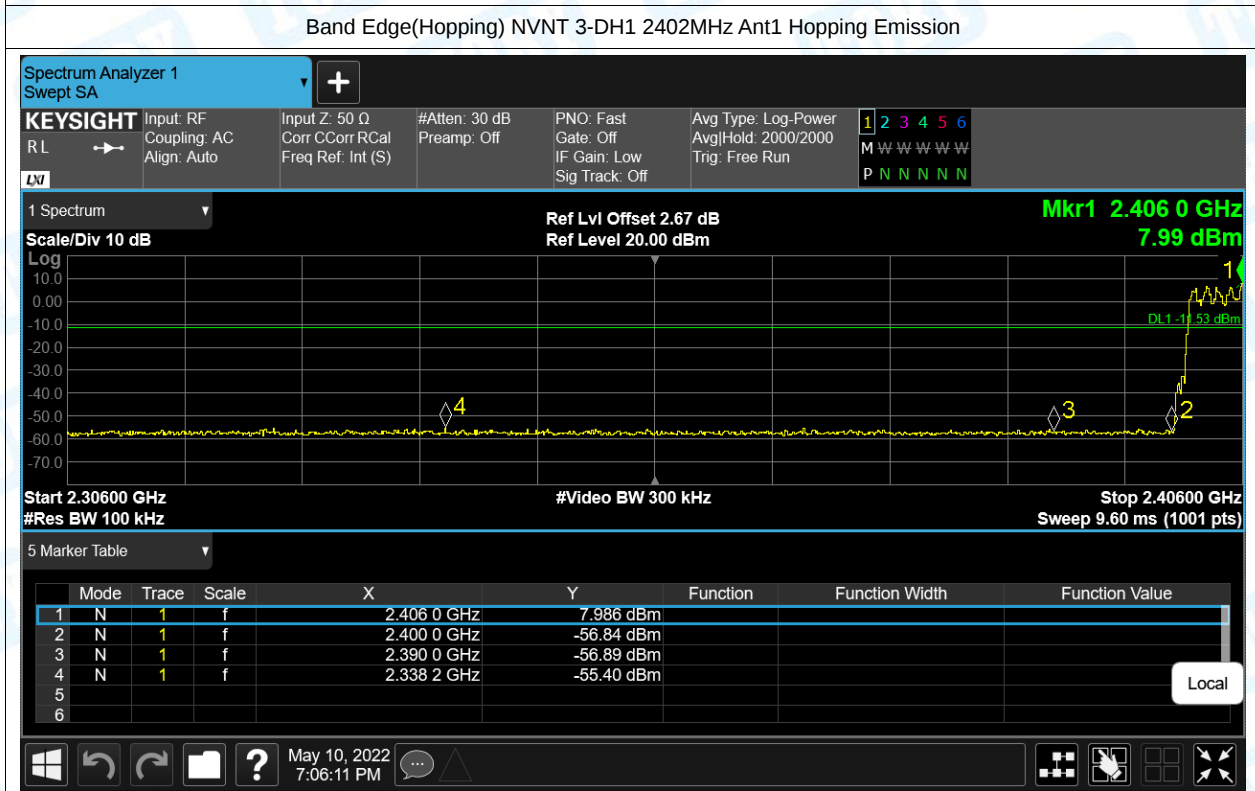
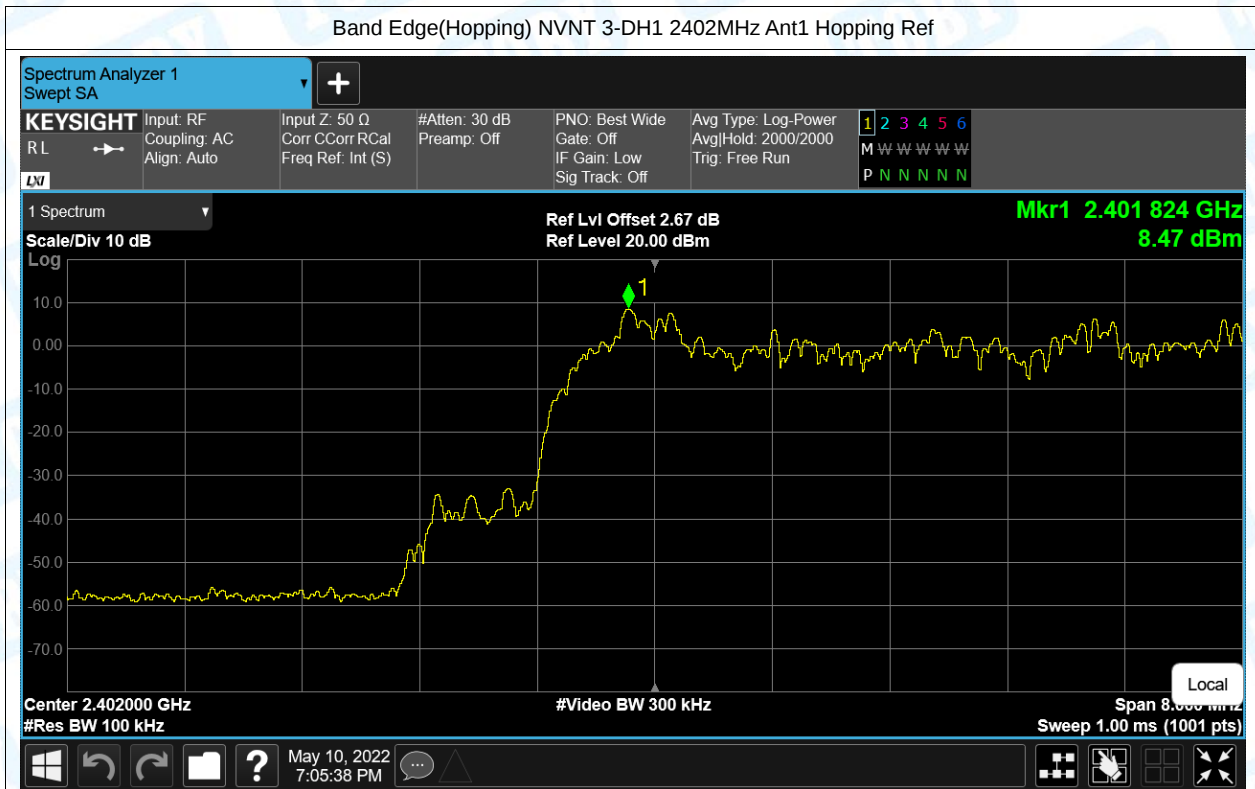
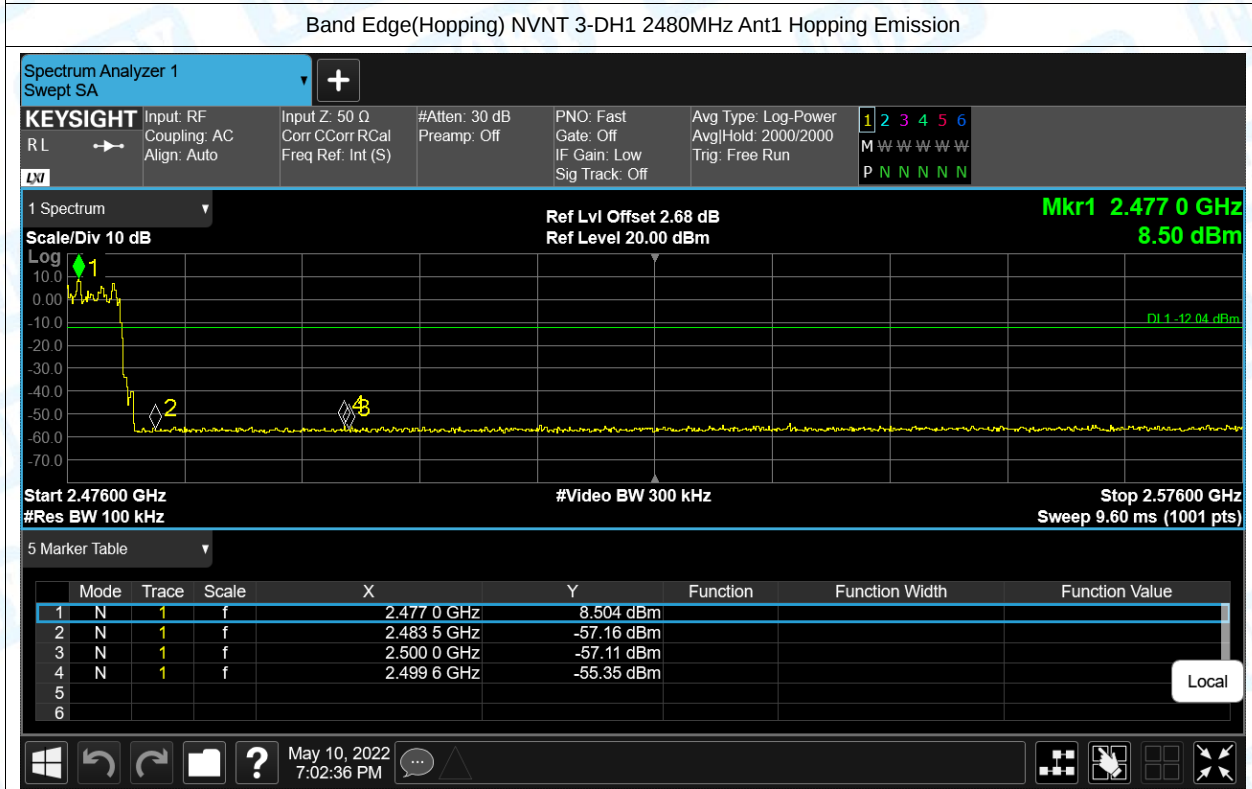
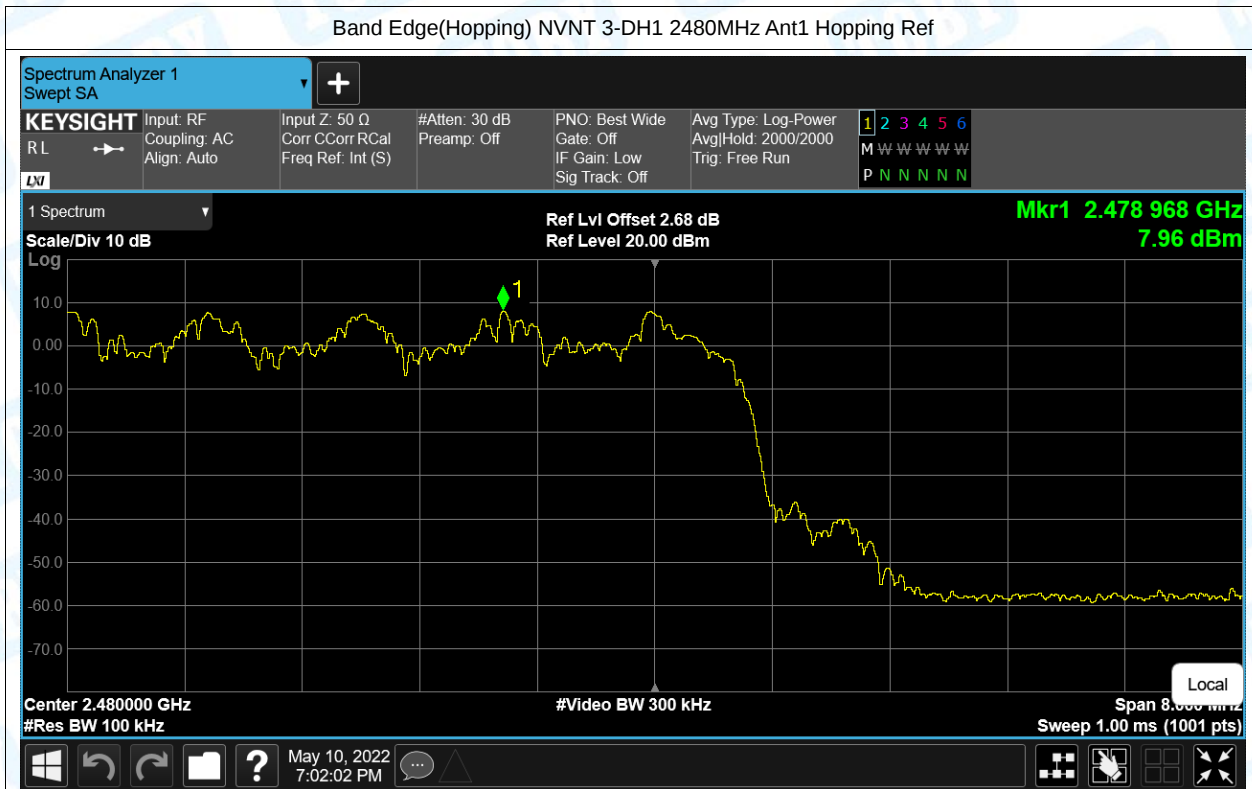


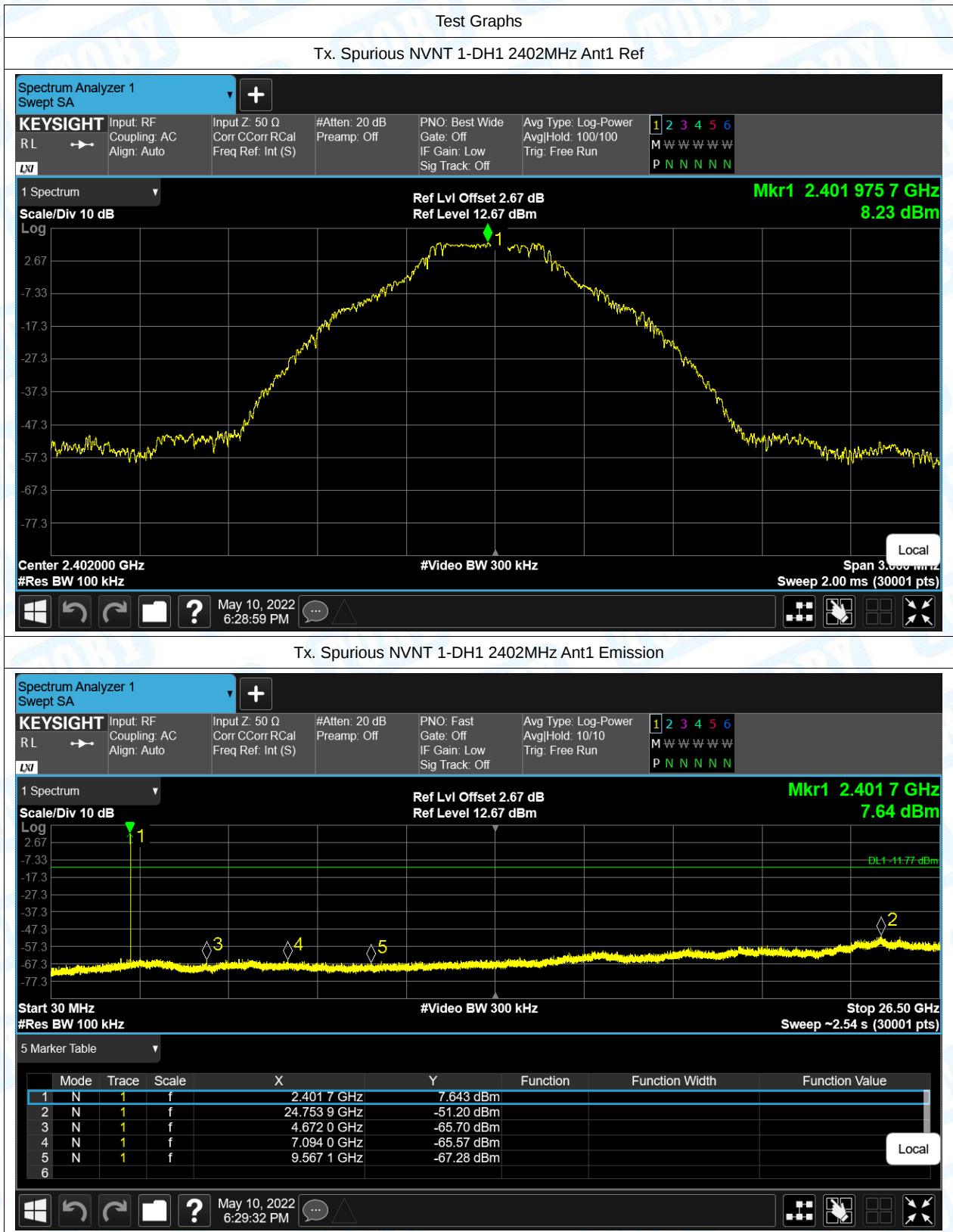






7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-59.43	-20	Pass
NVNT	1-DH1	2441	Ant1	-60.71	-20	Pass
NVNT	1-DH1	2480	Ant1	-60.26	-20	Pass
NVNT	2-DH1	2402	Ant1	-60.6	-20	Pass
NVNT	2-DH1	2441	Ant1	-60.64	-20	Pass
NVNT	2-DH1	2480	Ant1	-60.37	-20	Pass
NVNT	3-DH1	2402	Ant1	-59.53	-20	Pass
NVNT	3-DH1	2441	Ant1	-60.62	-20	Pass
NVNT	3-DH1	2480	Ant1	-59.47	-20	Pass



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: AC

Align: Auto

Input Z: 50 Ω

Corr: CCorr

RCal

Freq Ref: Int (S)

#Atten: 20 dB

Preamp: Off

PNO: Fast

Gate: Off

IF Gain: Low

Sig Track: Off

Avg Type: Log-Power

Avg/Hold: 10/10

Trig: Free Run

1 2 3 4 5 6

M W W W W W

P N N N N N

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 2.67 dB

Ref Level 12.67 dBm

Mkr1 2.401 7 GHz

7.64 dBm

DL1 -11.77 dBm

Start 30 MHz

#Res BW 100 kHz

#Video BW 300 kHz

Stop 26.50 GHz

Sweep ~2.54 s (30001 pts)

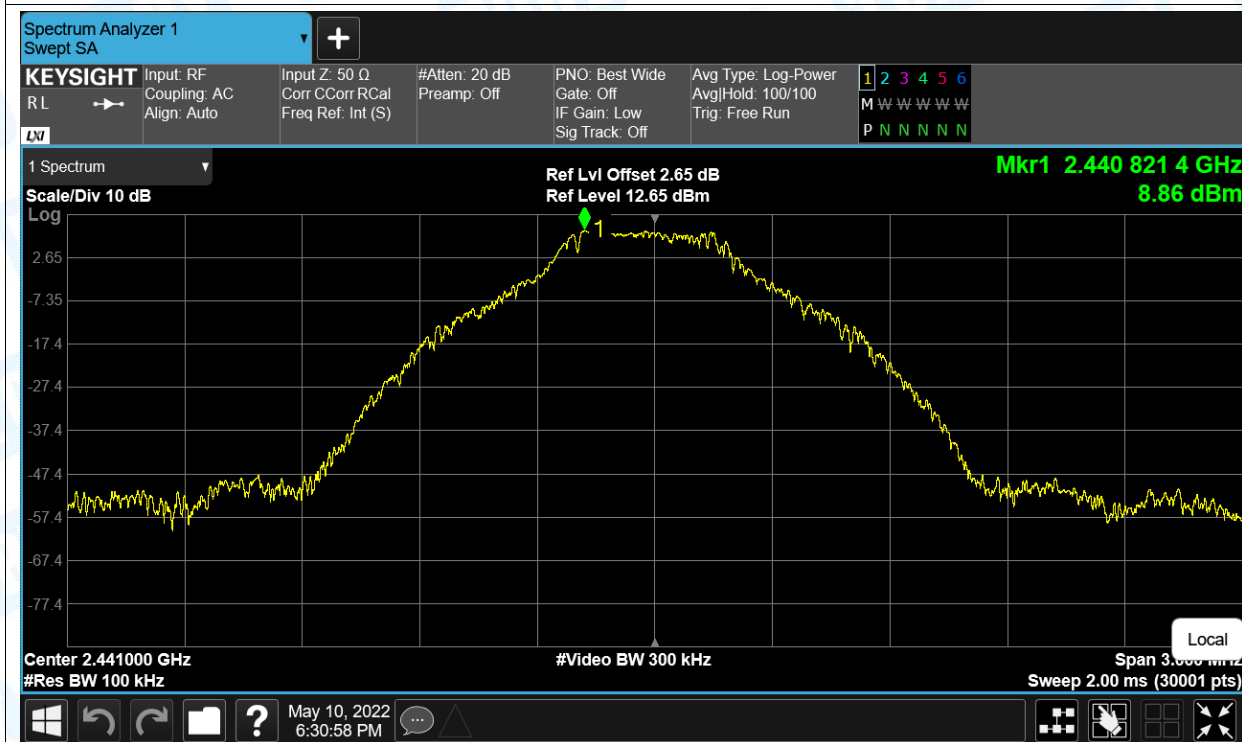
5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.401 7 GHz	7.643 dBm			
2	N	1	f	24.753 9 GHz	-51.20 dBm			
3	N	1	f	4.672 0 GHz	-65.70 dBm			
4	N	1	f	7.094 0 GHz	-65.57 dBm			
5	N	1	f	9.567 1 GHz	-67.28 dBm			
6								

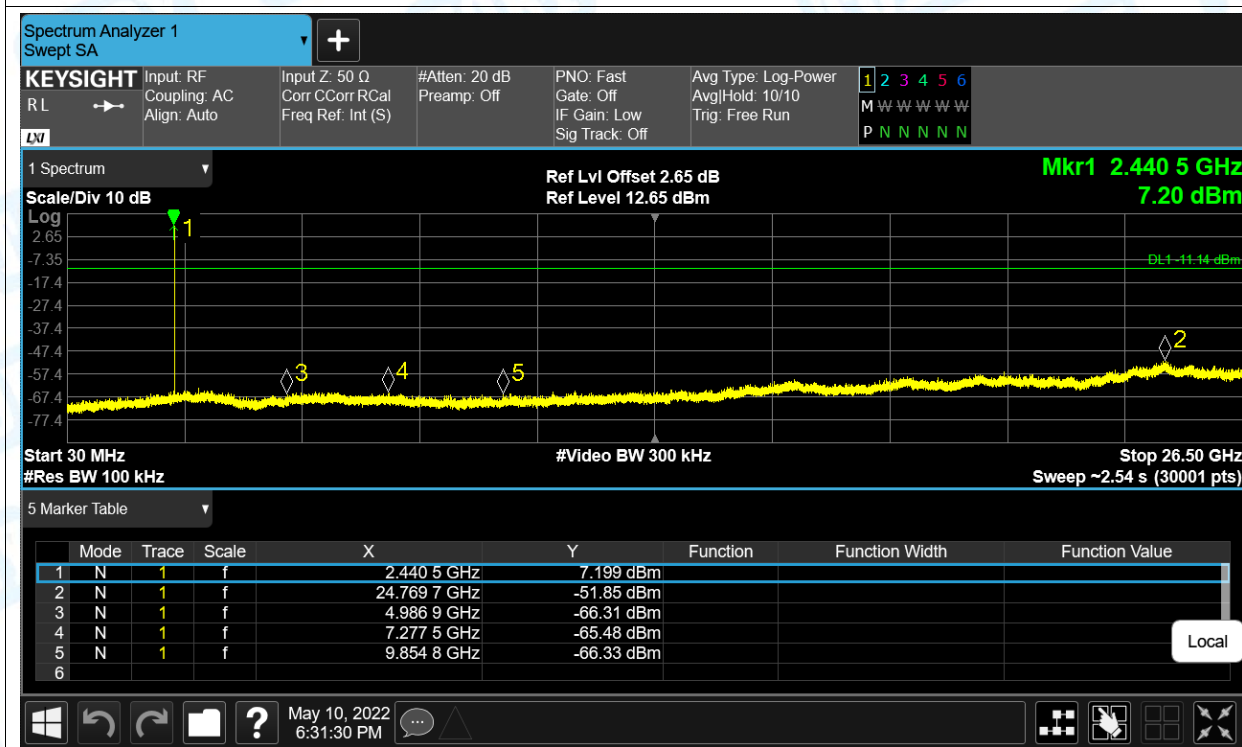
May 10, 2022

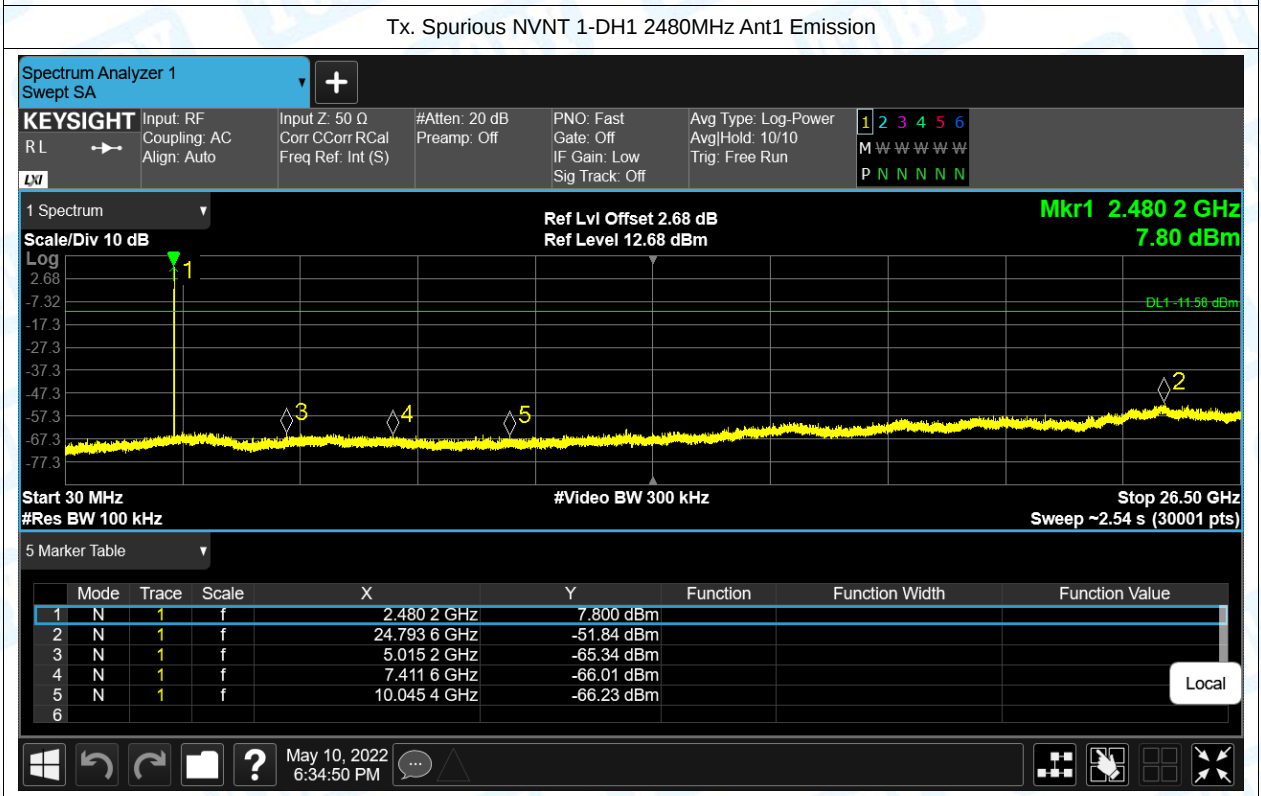
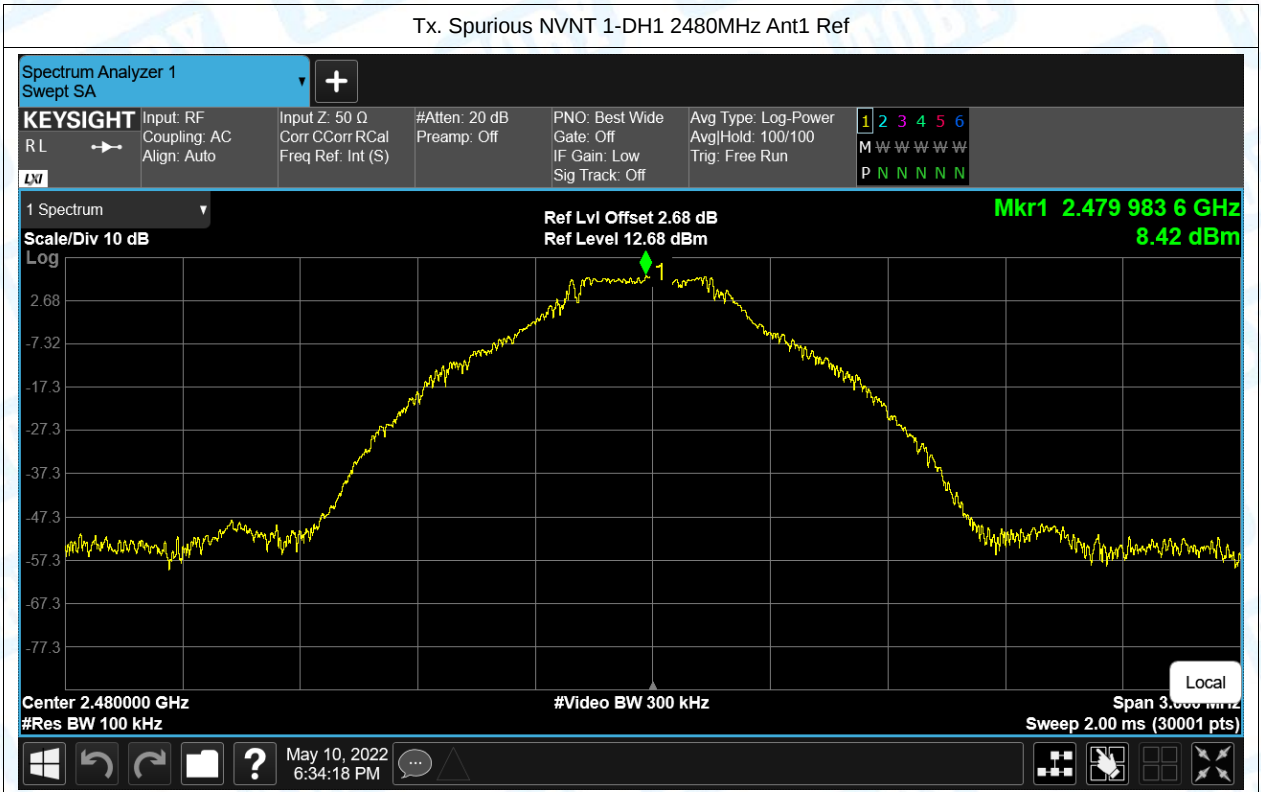
6:29:32 PM

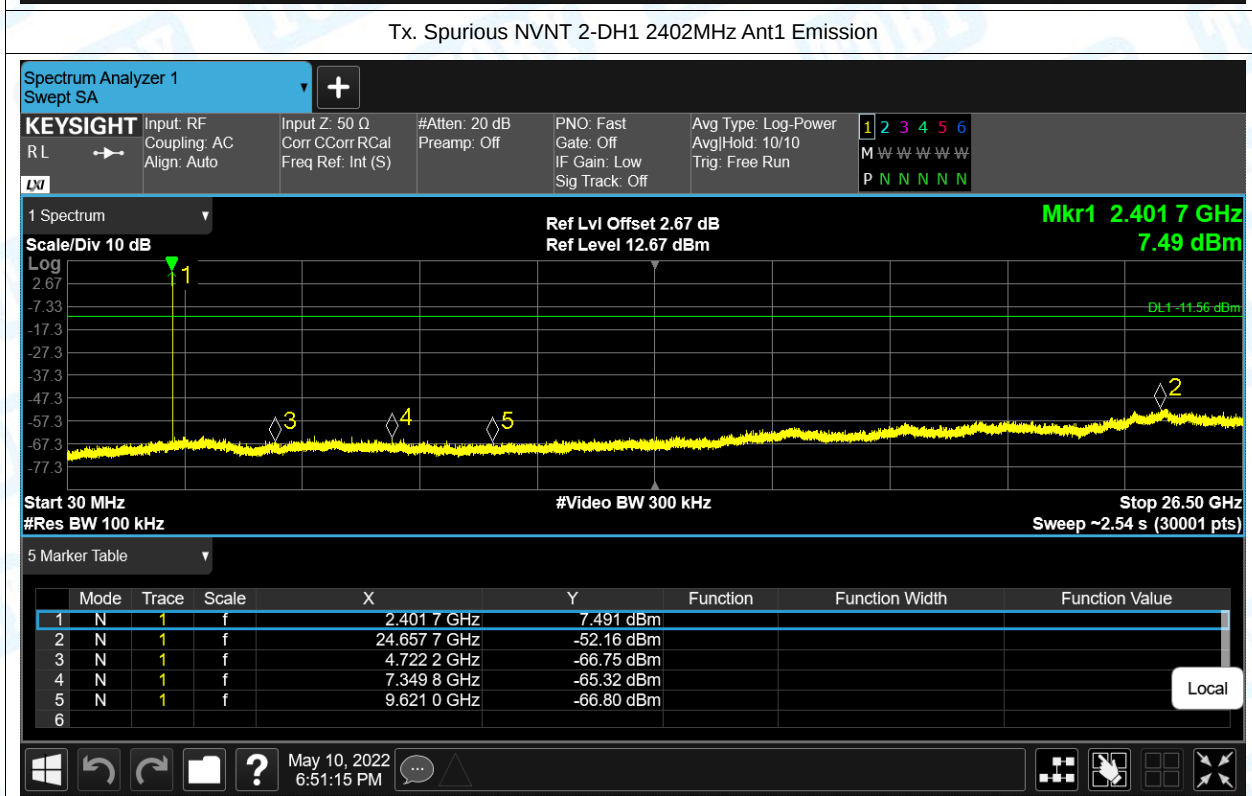
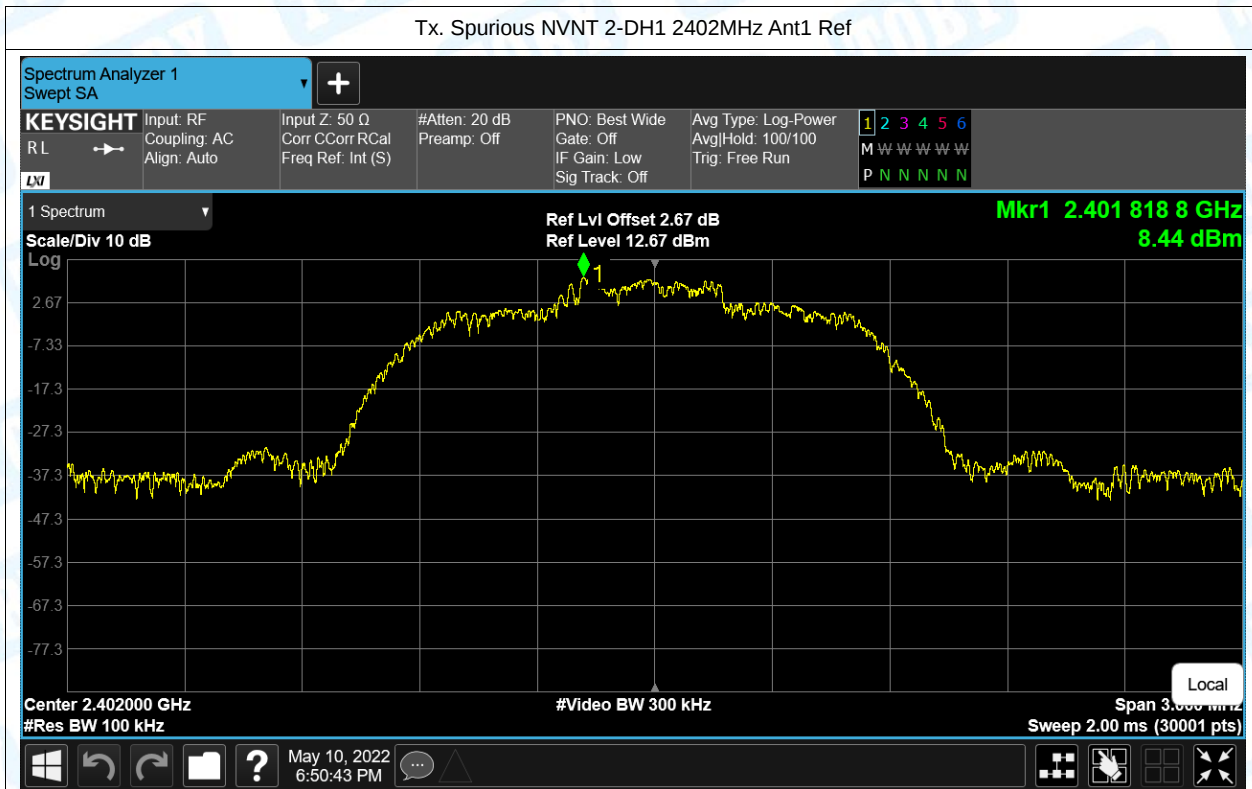
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref

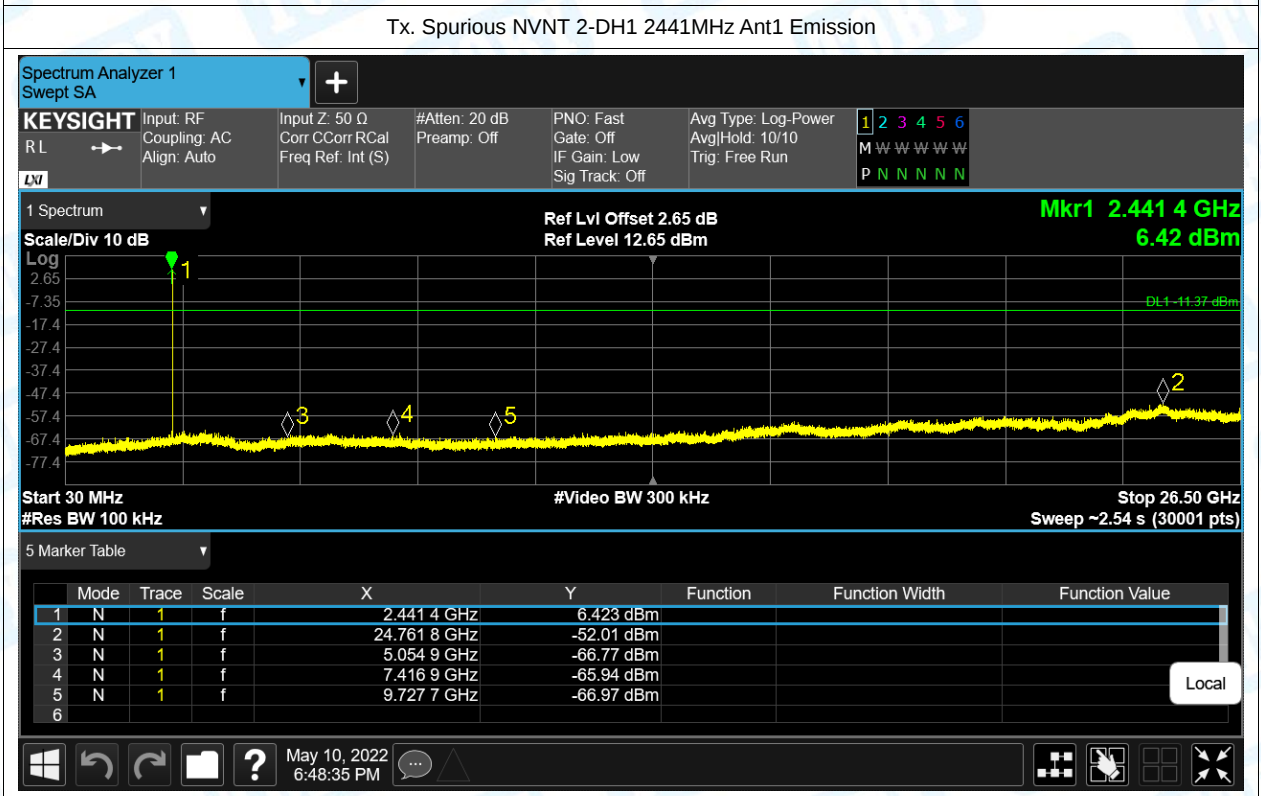
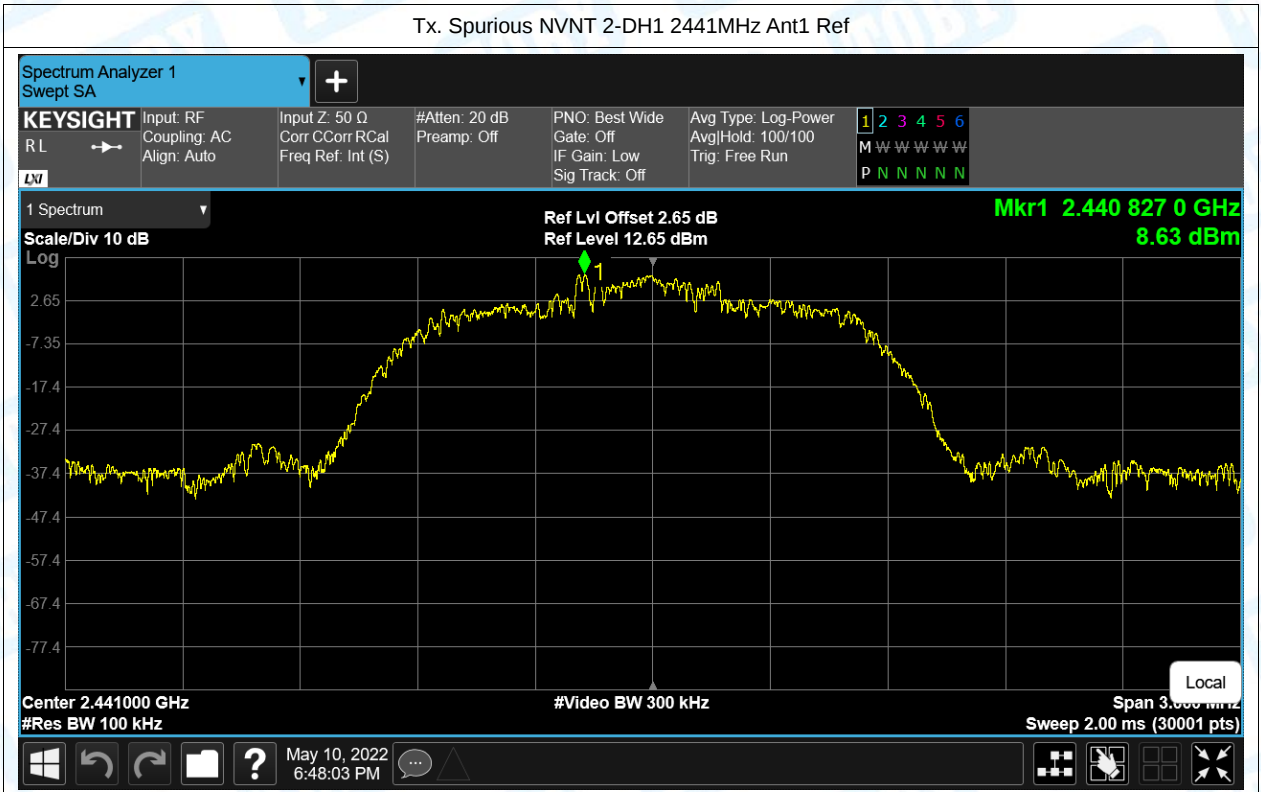


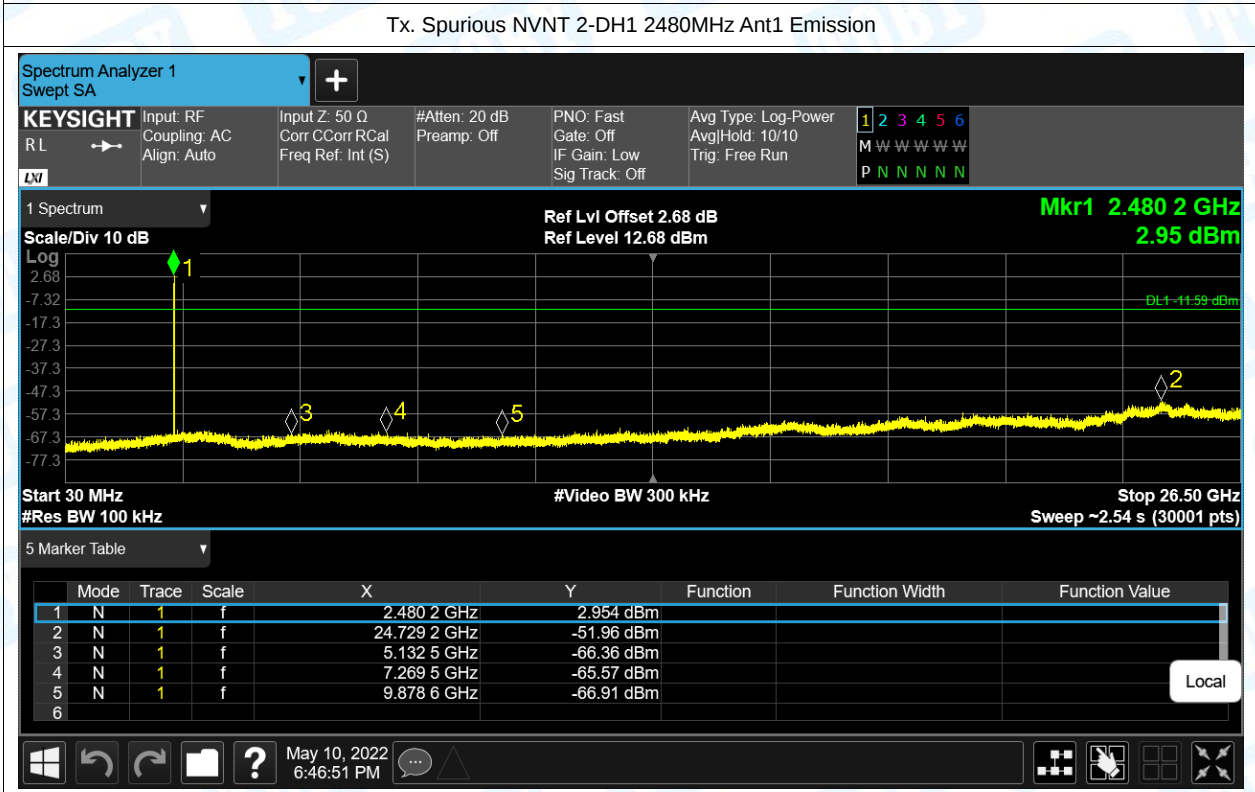
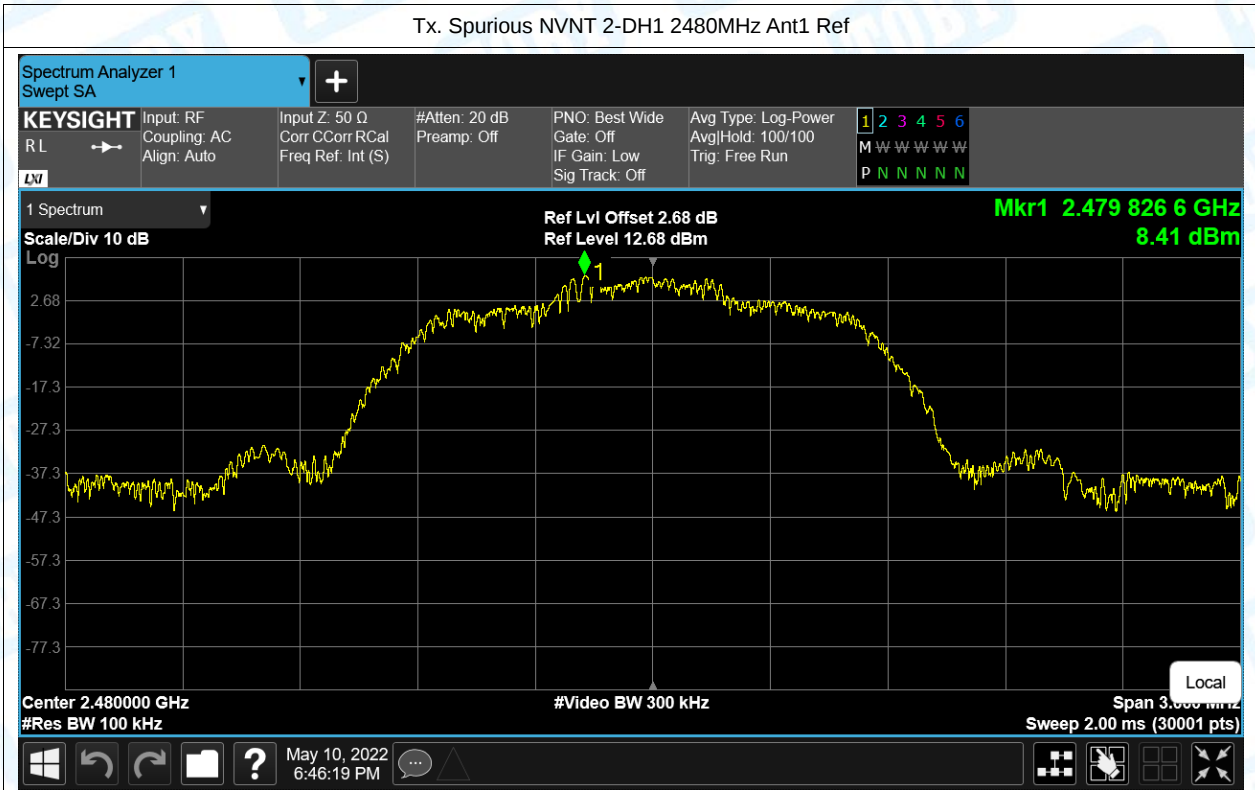
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission

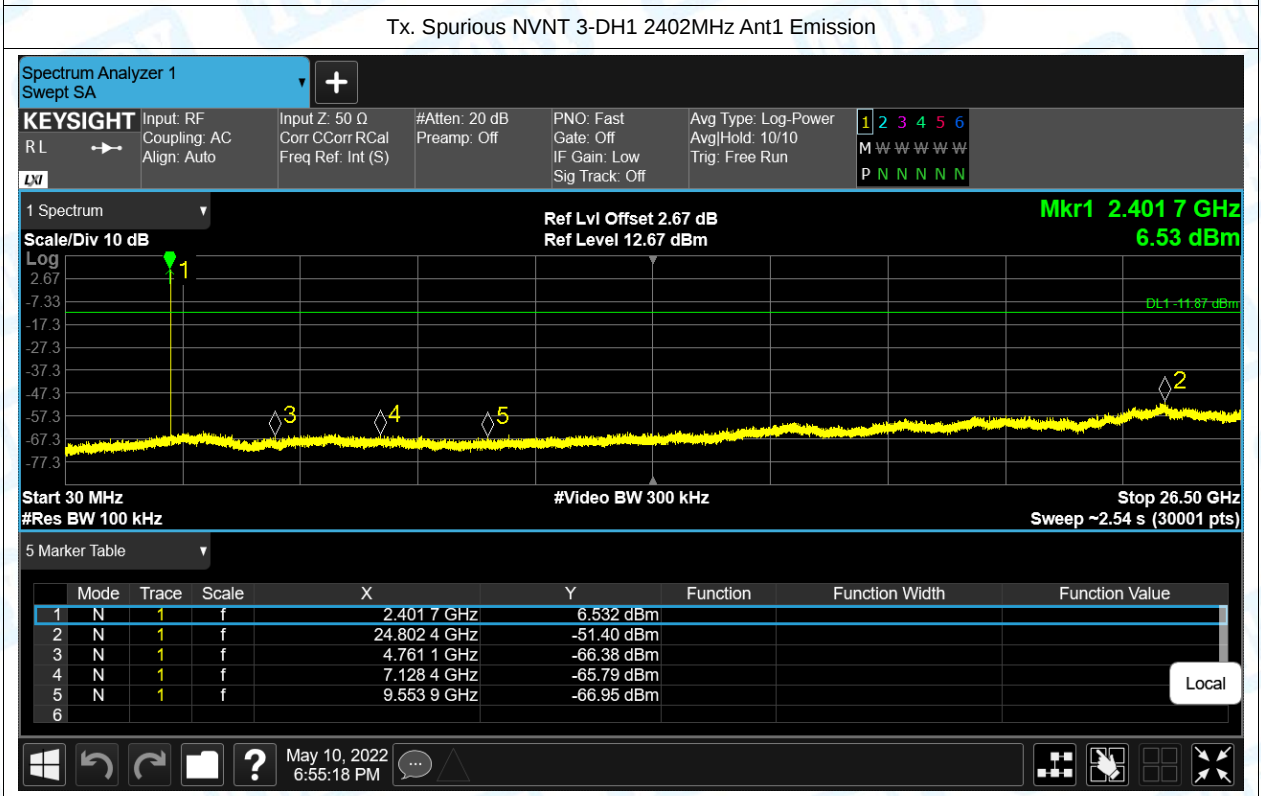
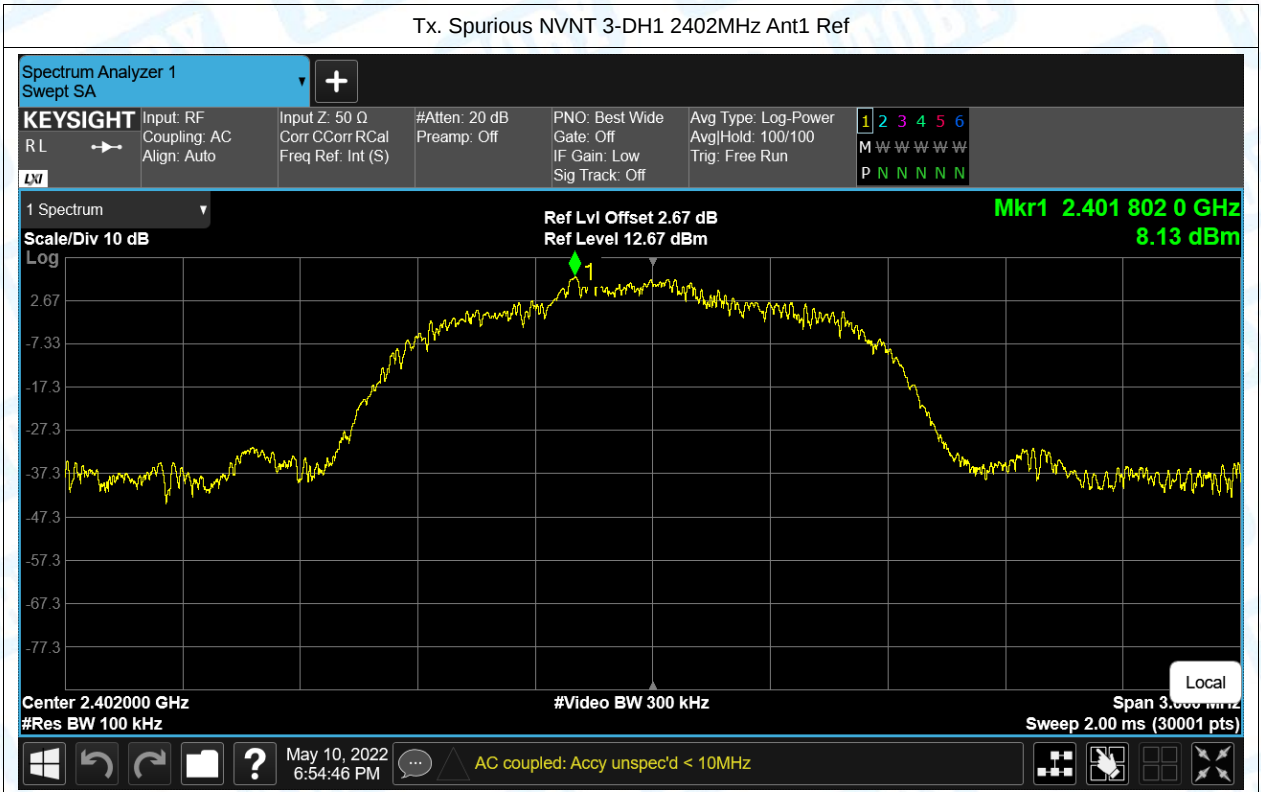


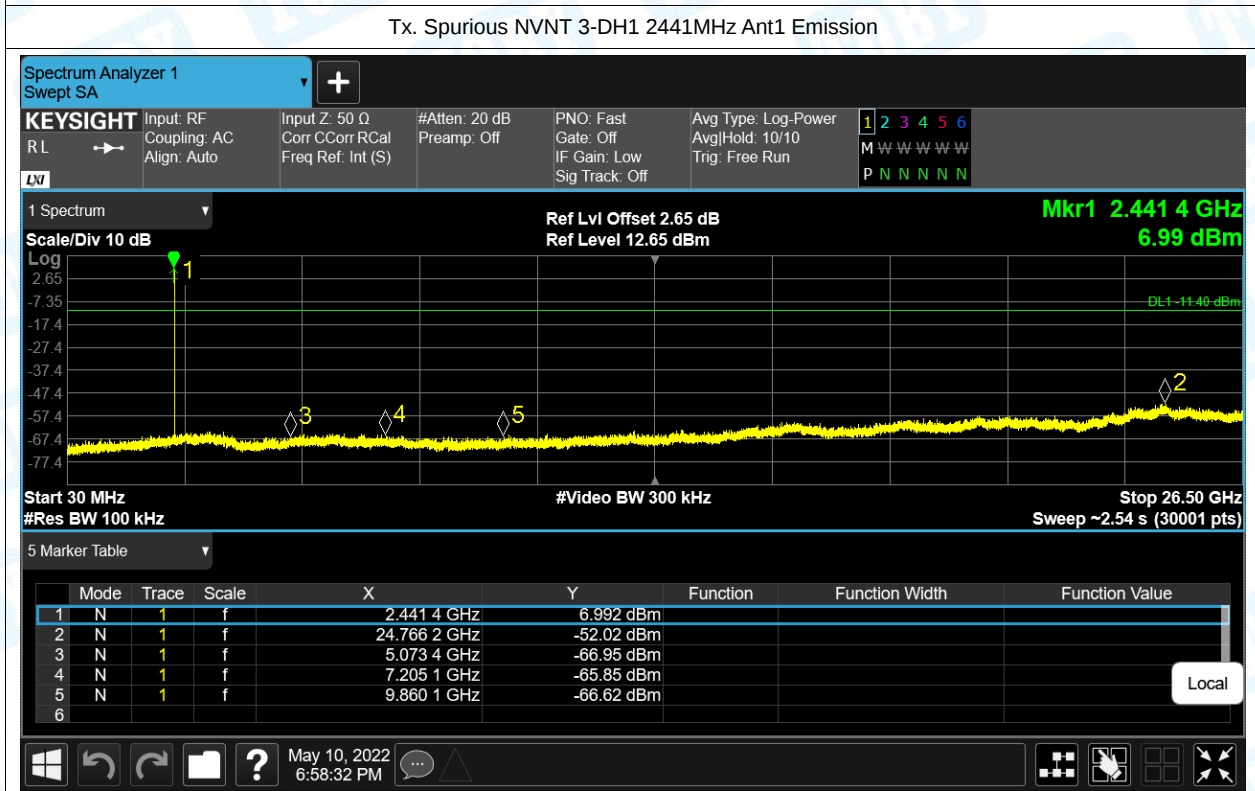
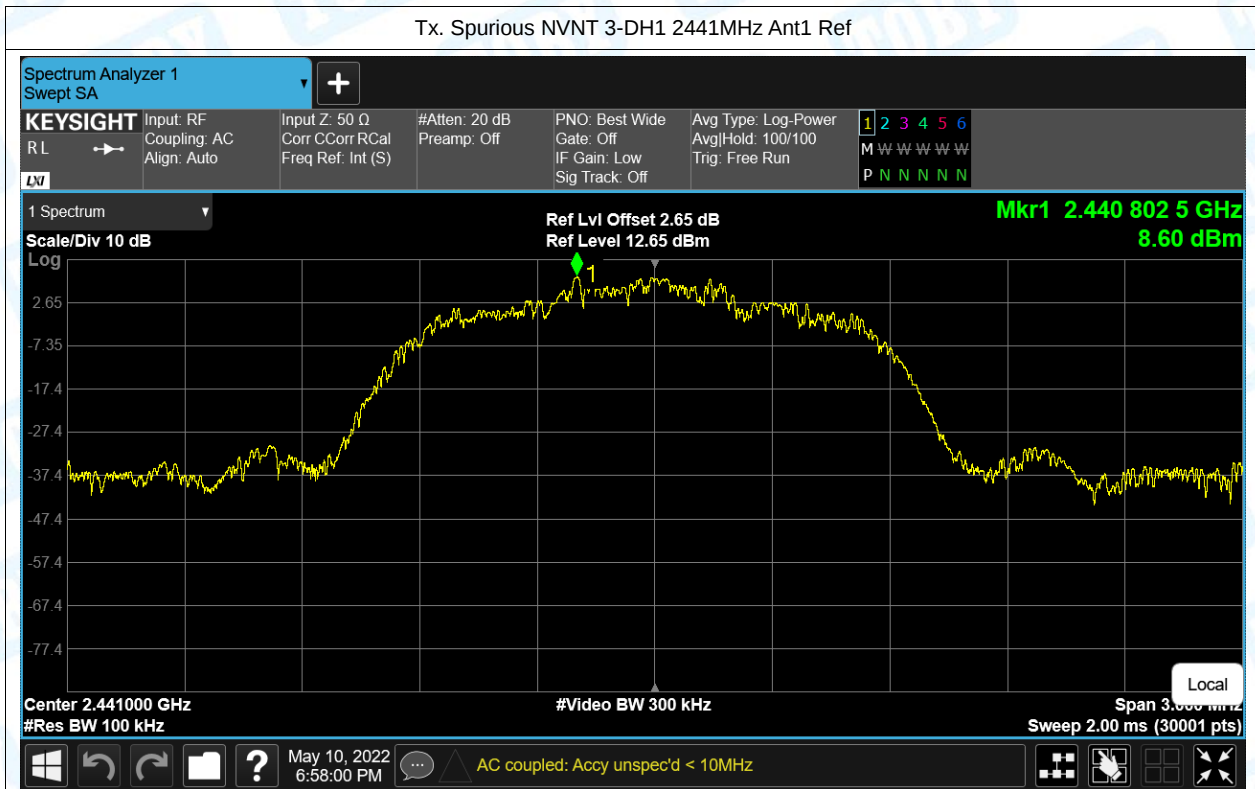


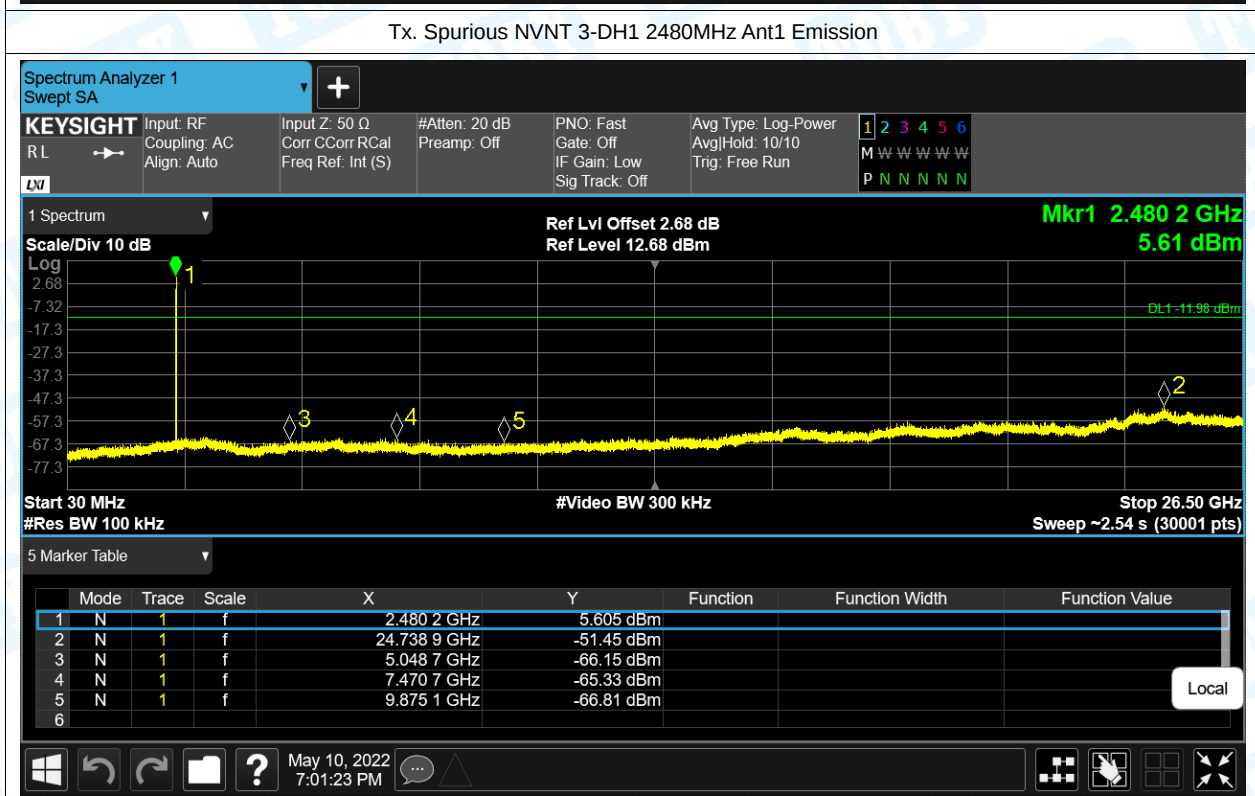
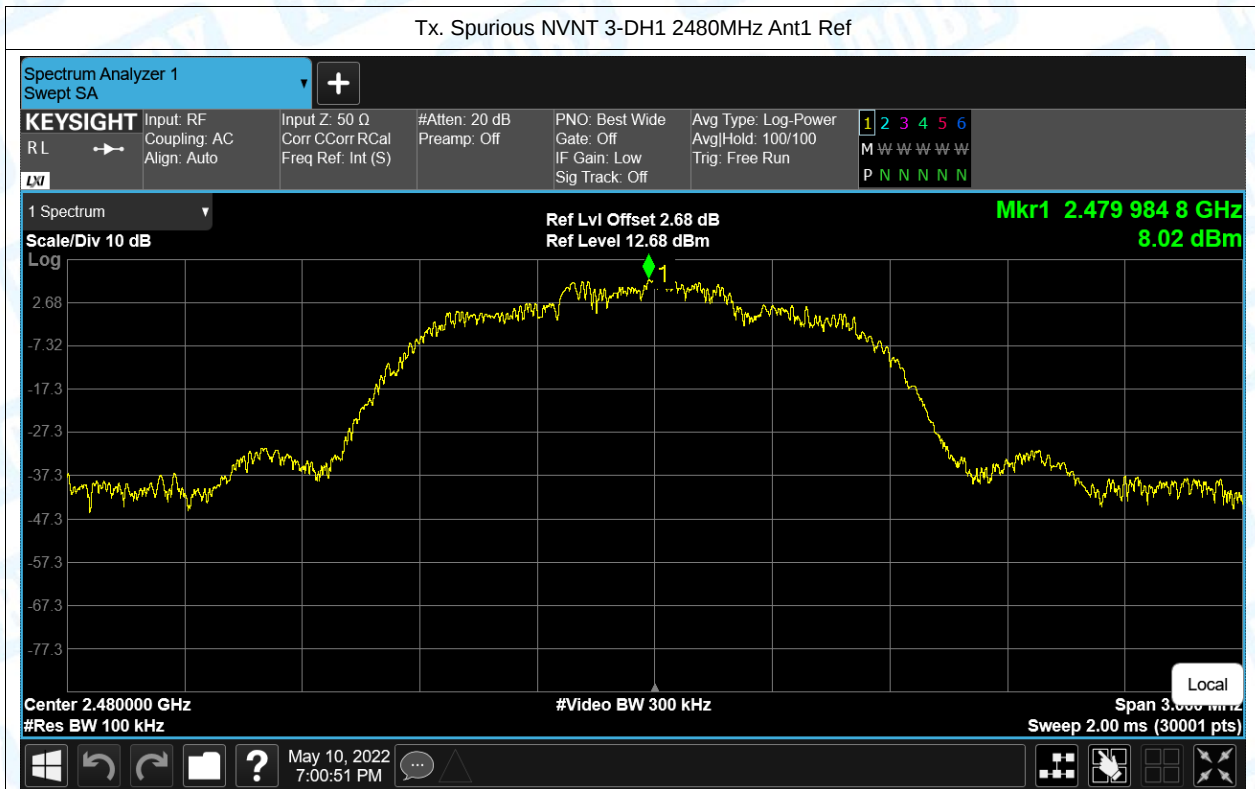






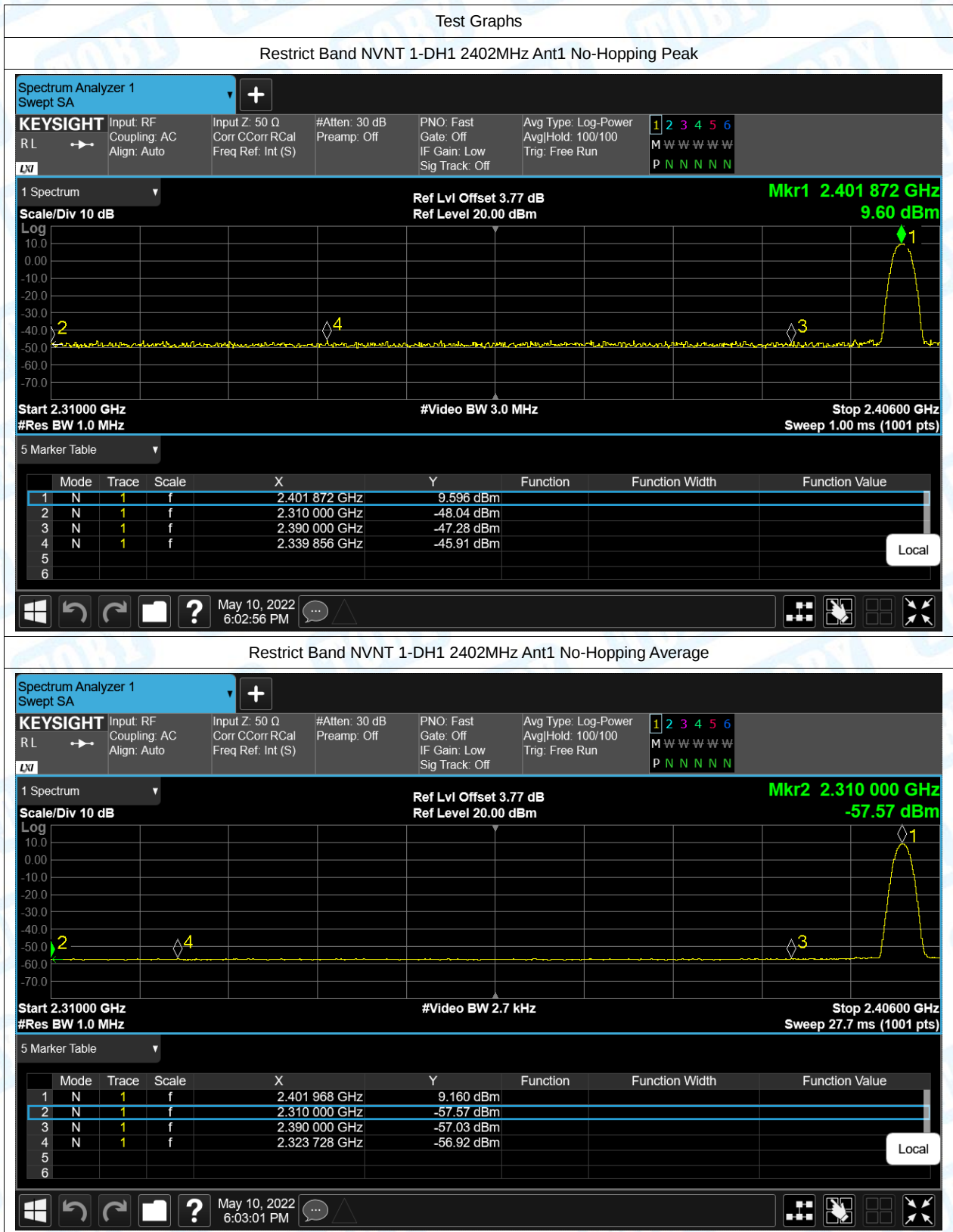




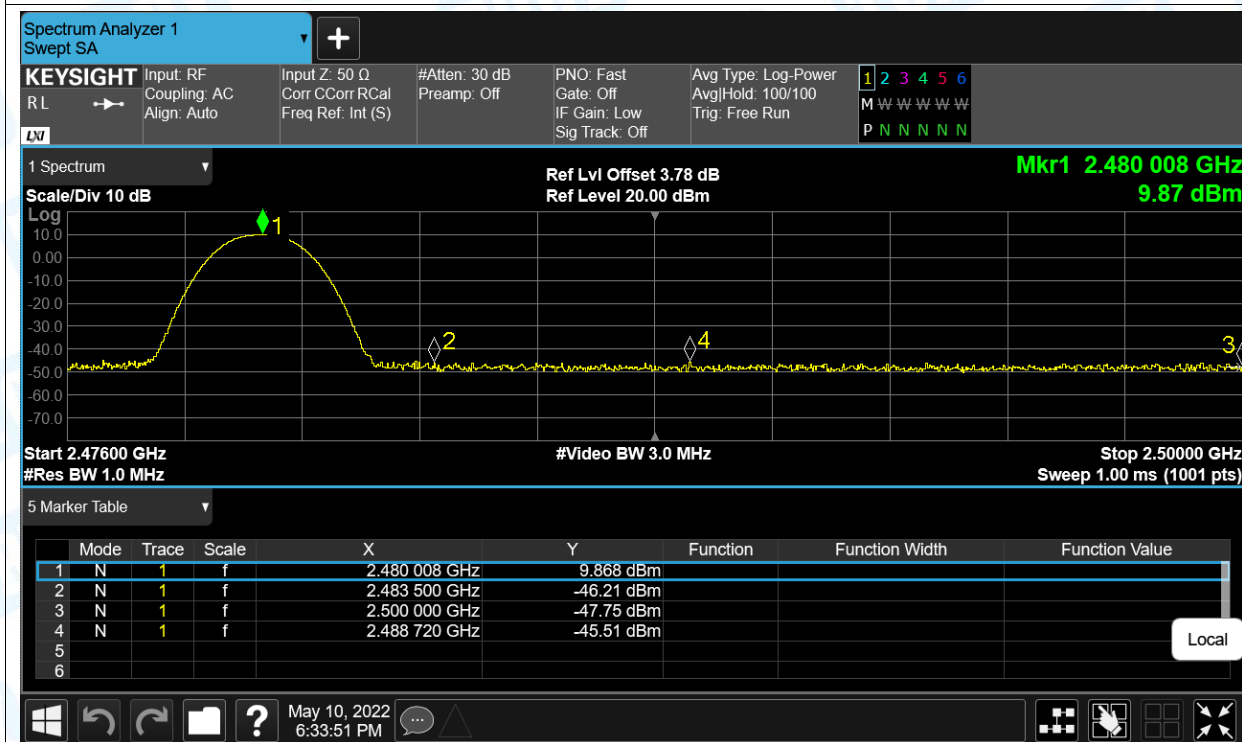


8. Restrict Band

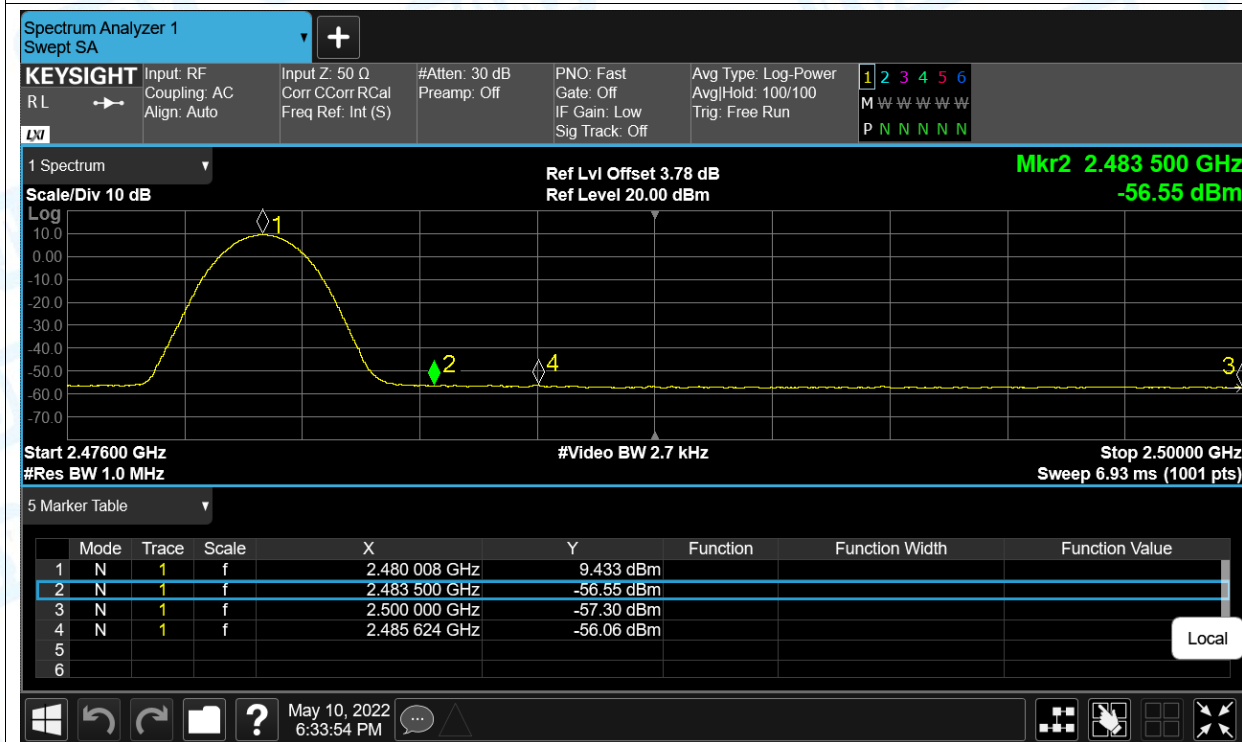
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-48.04	2	49.22	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-57.57	2	39.69	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2339.856	-45.91	2	51.35	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2323.728	-56.92	2	40.34	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-48.73	2	48.53	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-57.04	2	40.22	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-46.21	2	51.05	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-56.55	2	40.71	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2488.72	-45.51	2	51.75	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2485.624	-56.06	2	41.2	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-47.75	2	49.51	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-57.3	2	39.96	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-47.52	2	49.74	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-57.6	2	39.66	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2345.04	-45.95	2	51.31	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2358.096	-56.94	2	40.32	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-49.11	2	48.15	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-57.47	2	39.79	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-47.8	2	49.46	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-56.66	2	40.6	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2489.464	-43.76	2	53.5	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2484.376	-56.4	2	40.86	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-47.25	2	50.01	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-56.89	2	40.37	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-49.03	2	48.23	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-57.3	2	39.96	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2378.832	-45.35	2	51.91	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2386.224	-56.7	2	40.56	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-48.34	2	48.92	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-57.31	2	39.95	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-46.54	2	50.72	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-56.35	2	40.91	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.632	-43.89	2	53.37	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.56	-56.31	2	40.95	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-48.07	2	49.19	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-57.34	2	39.92	Average	54	Pass

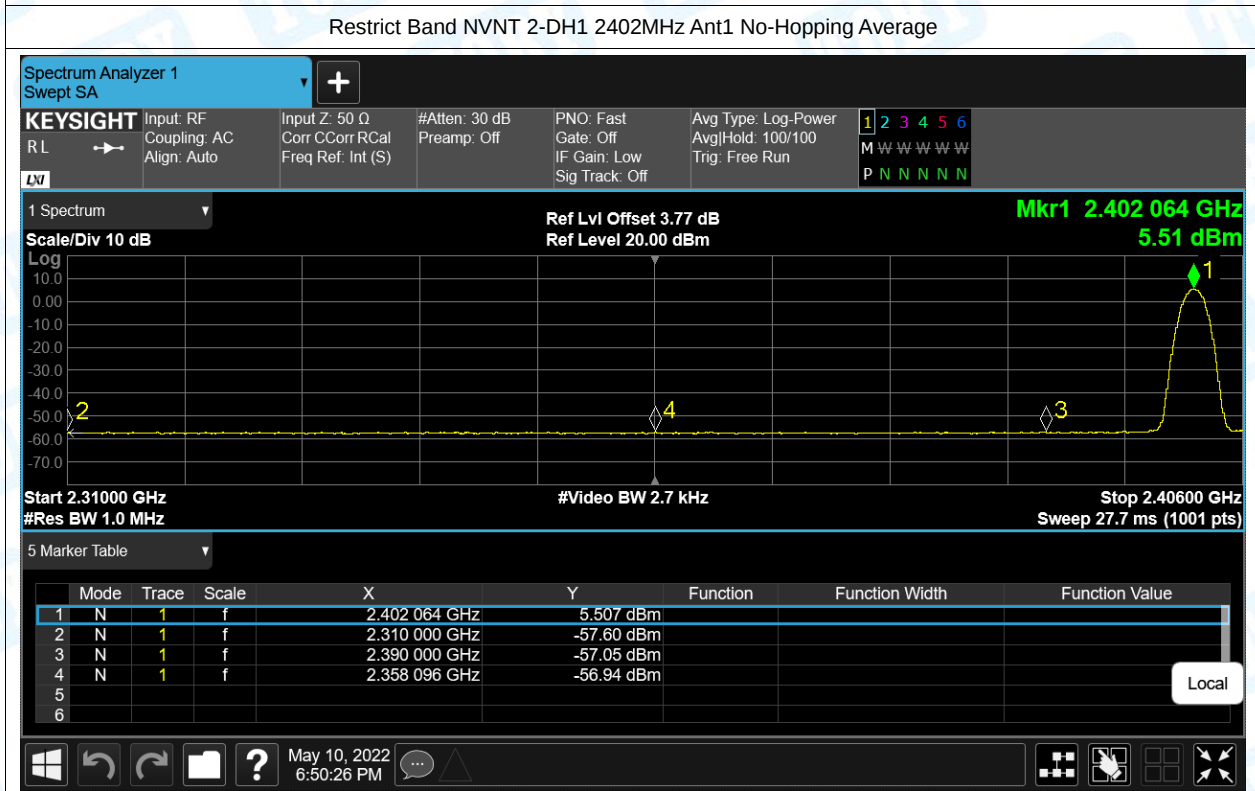
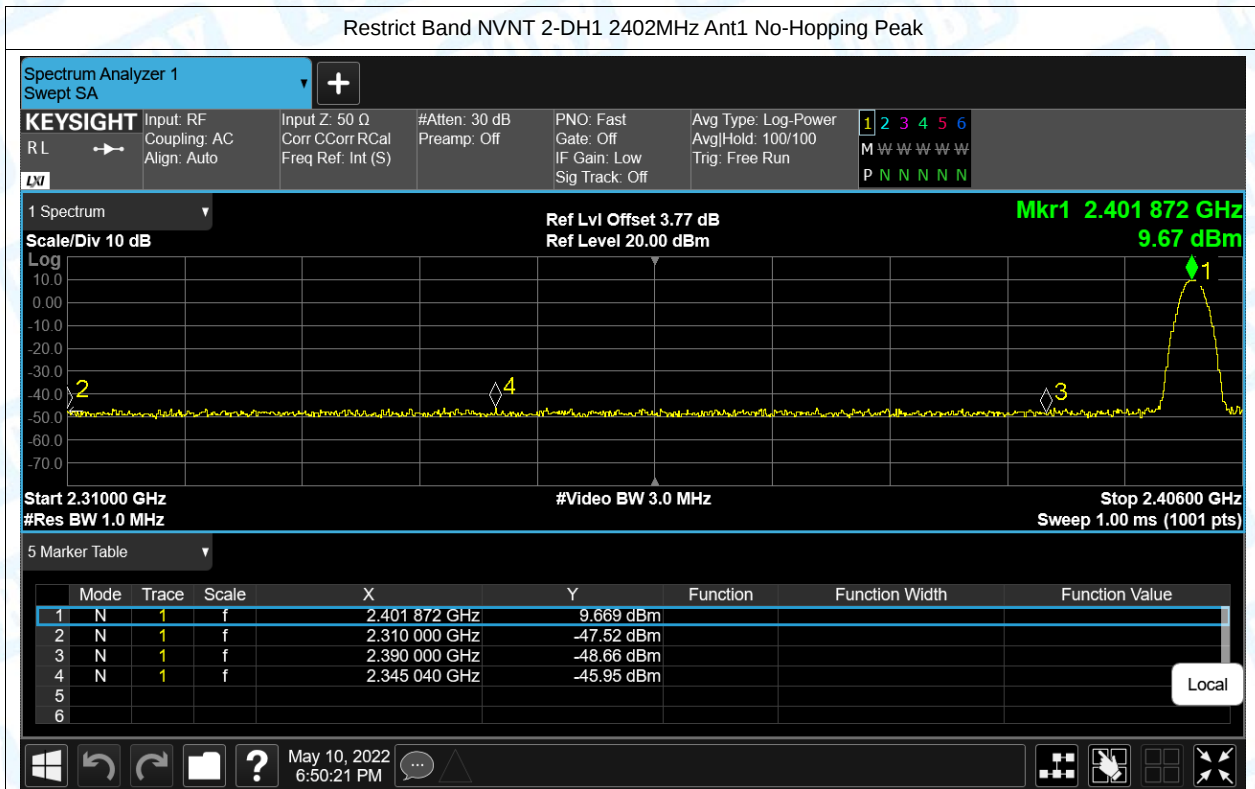


Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak

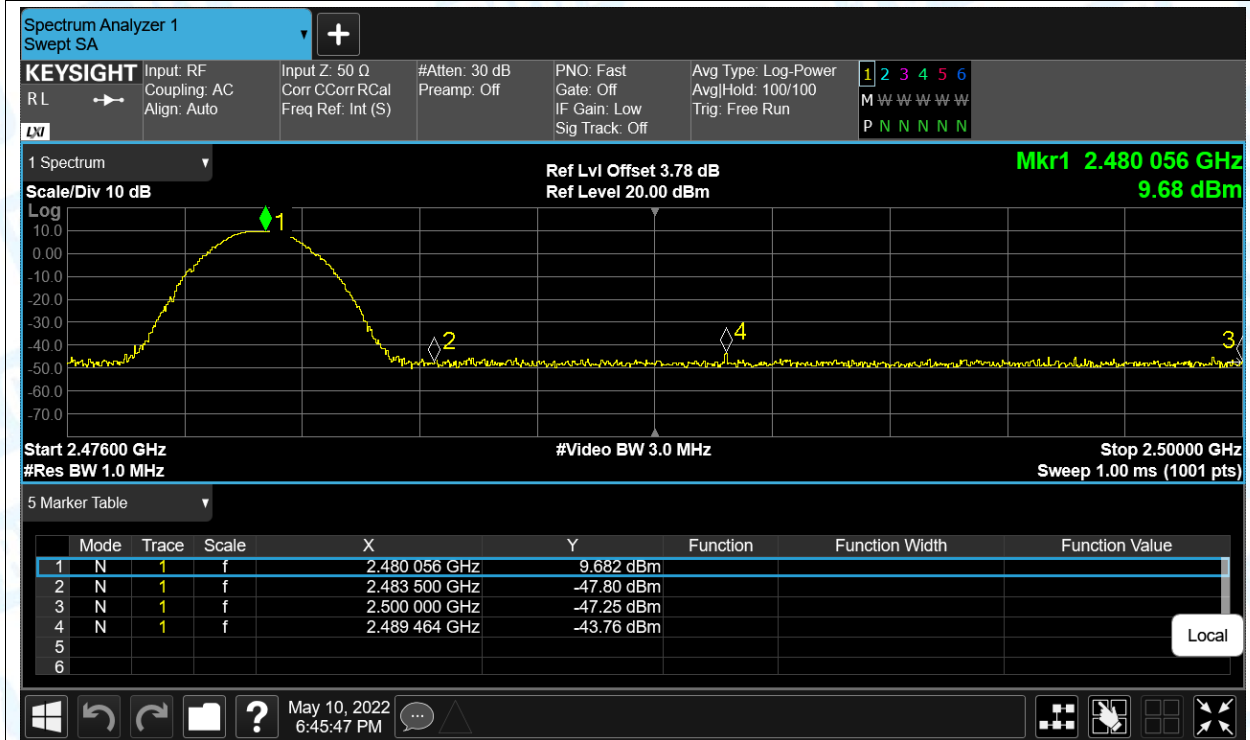


Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average

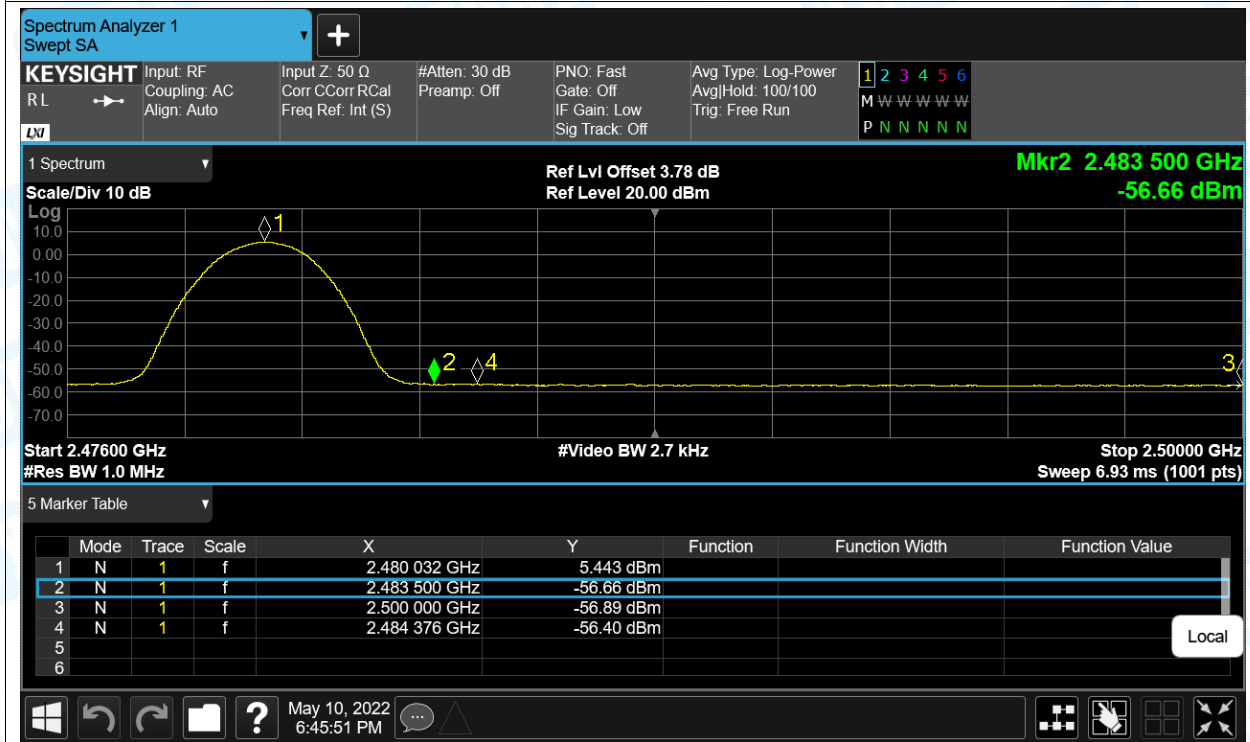




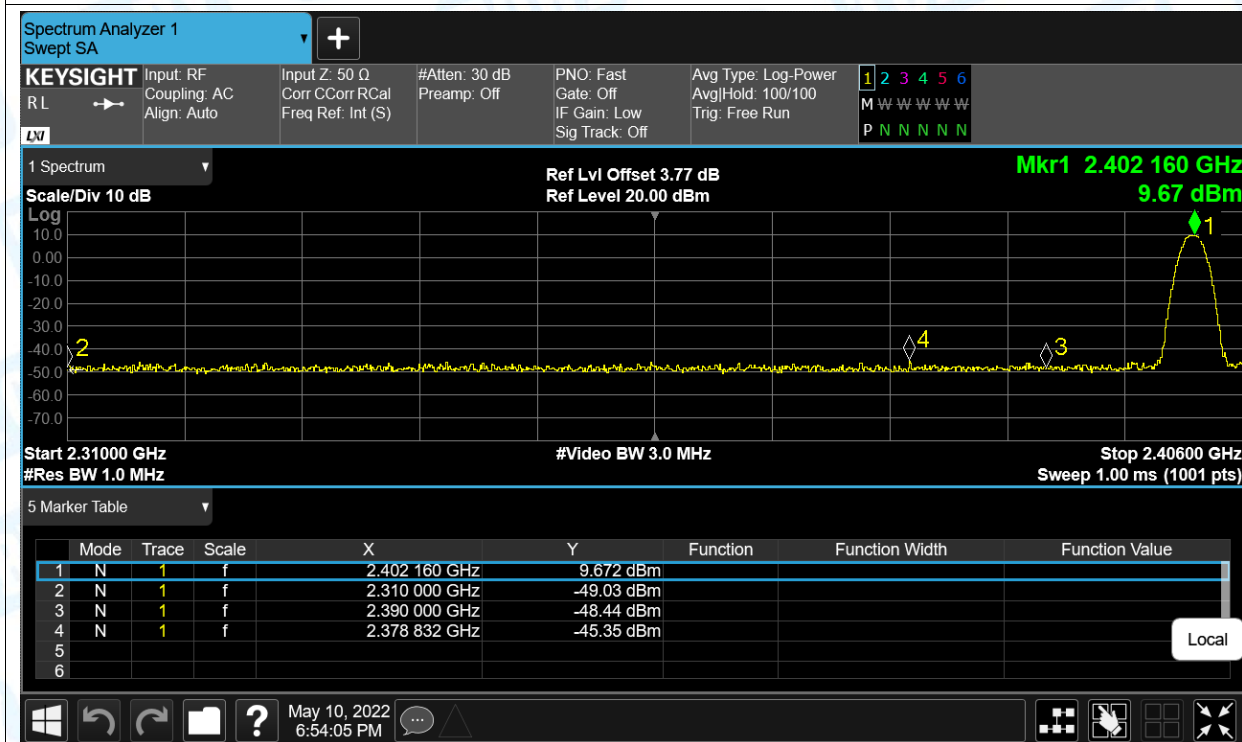
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



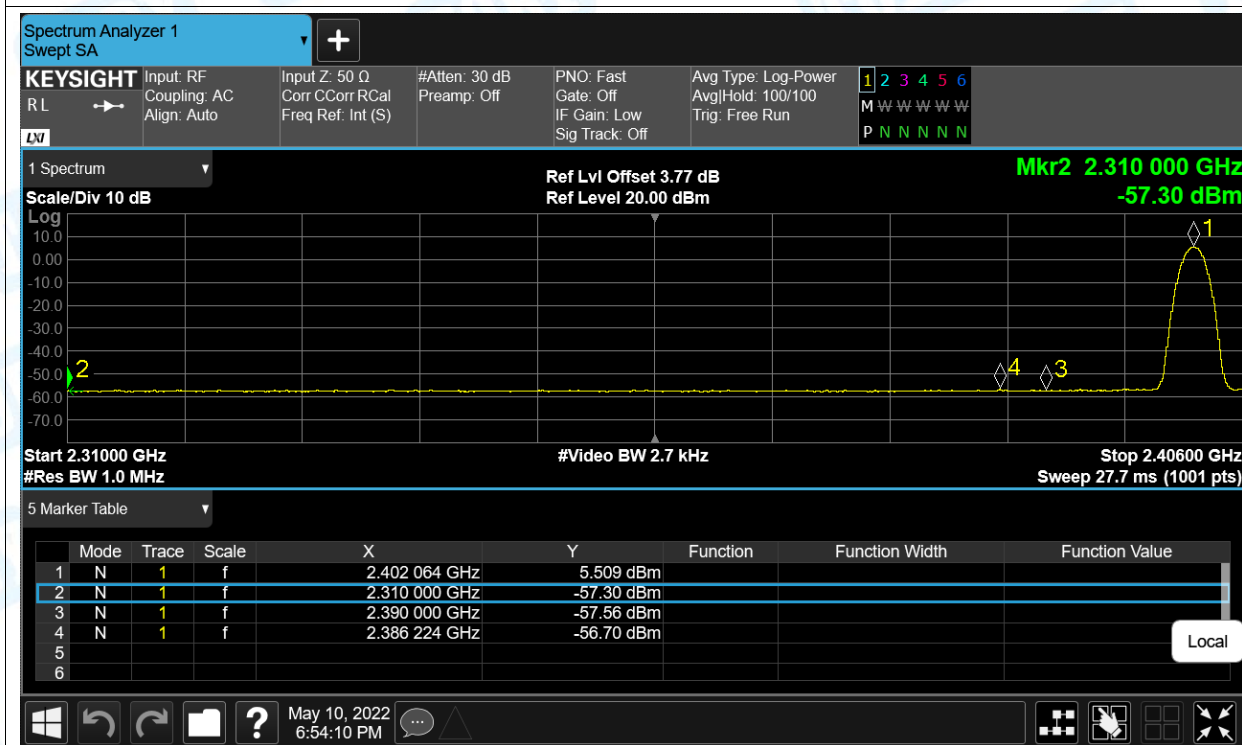
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



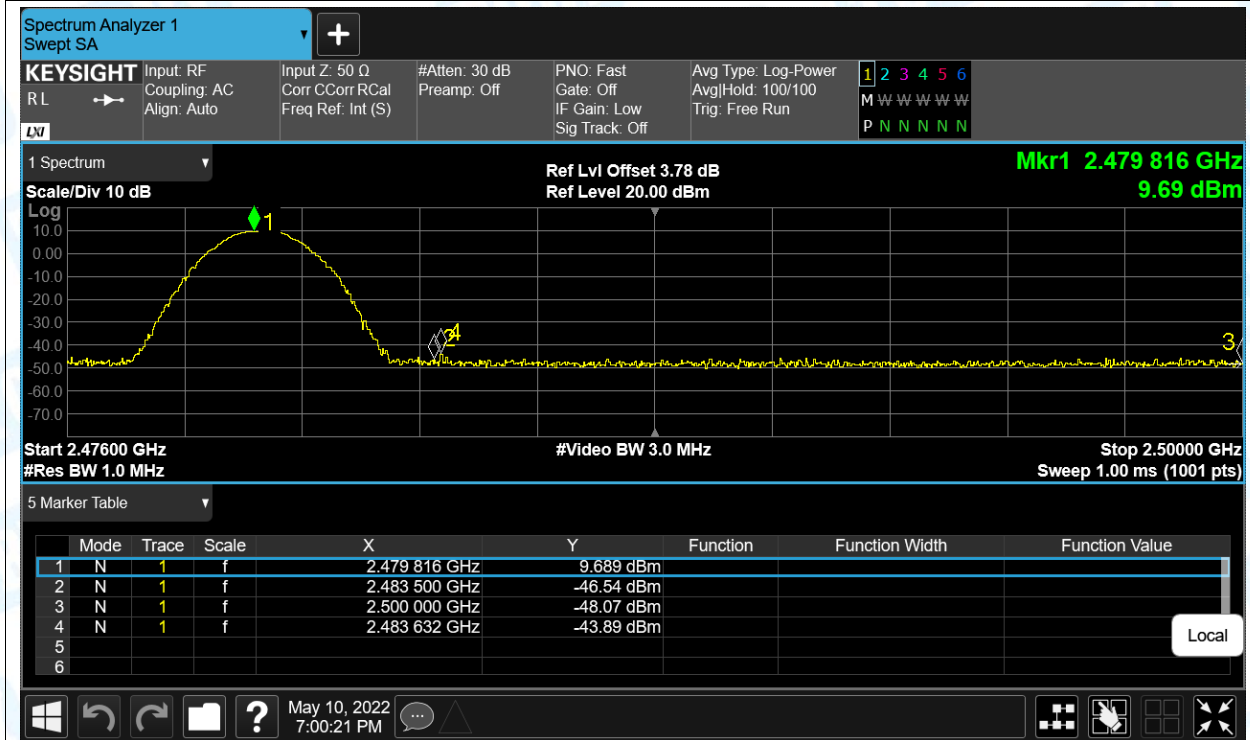
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



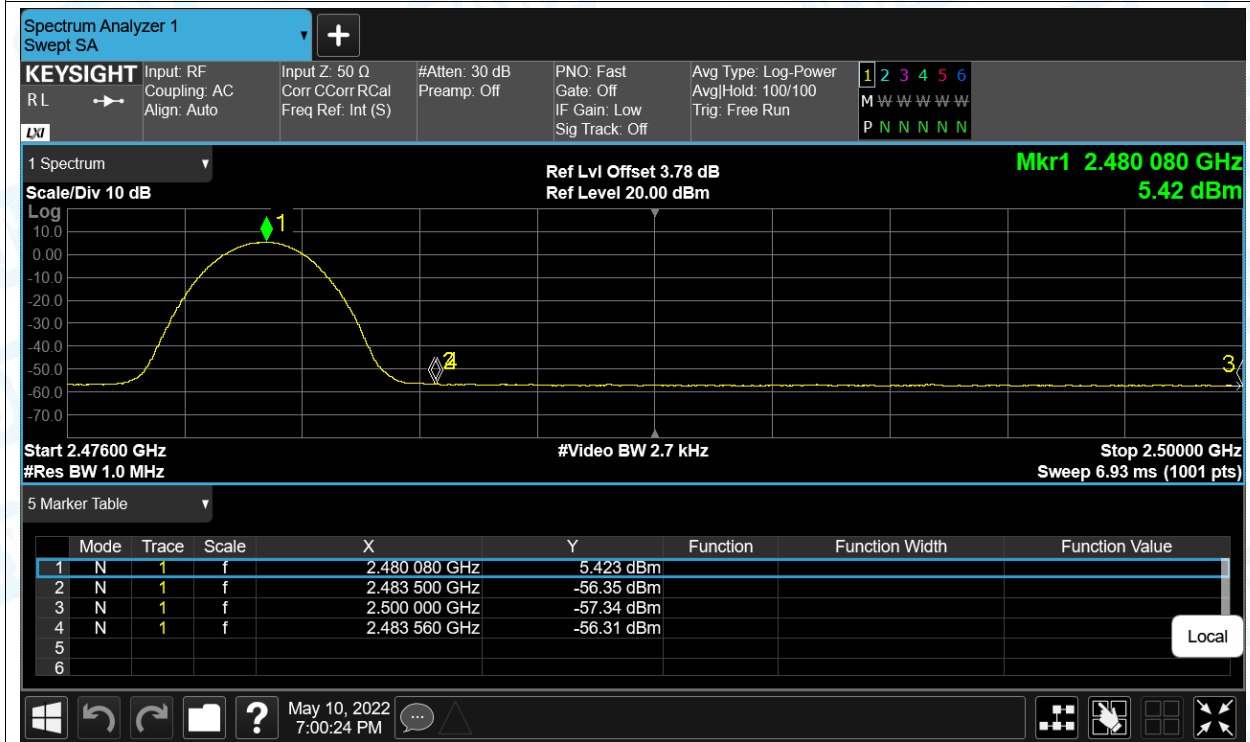
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Average

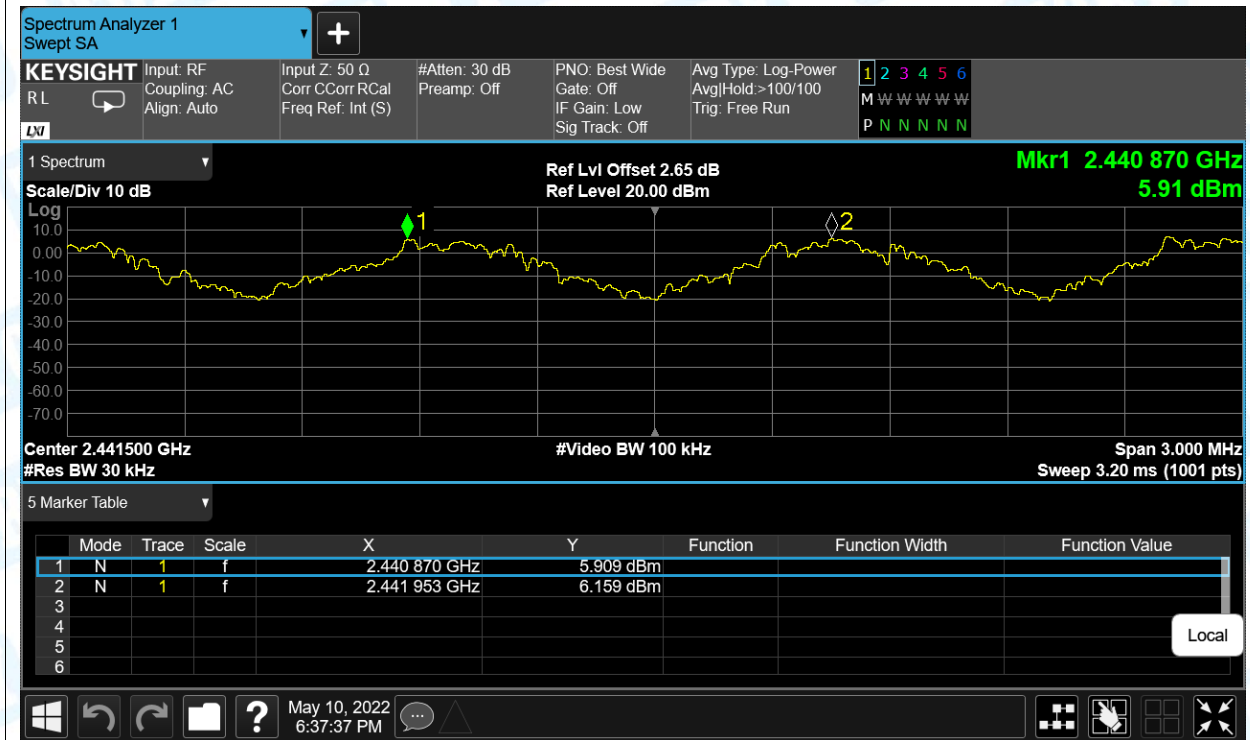


9. Carrier Frequencies Separation

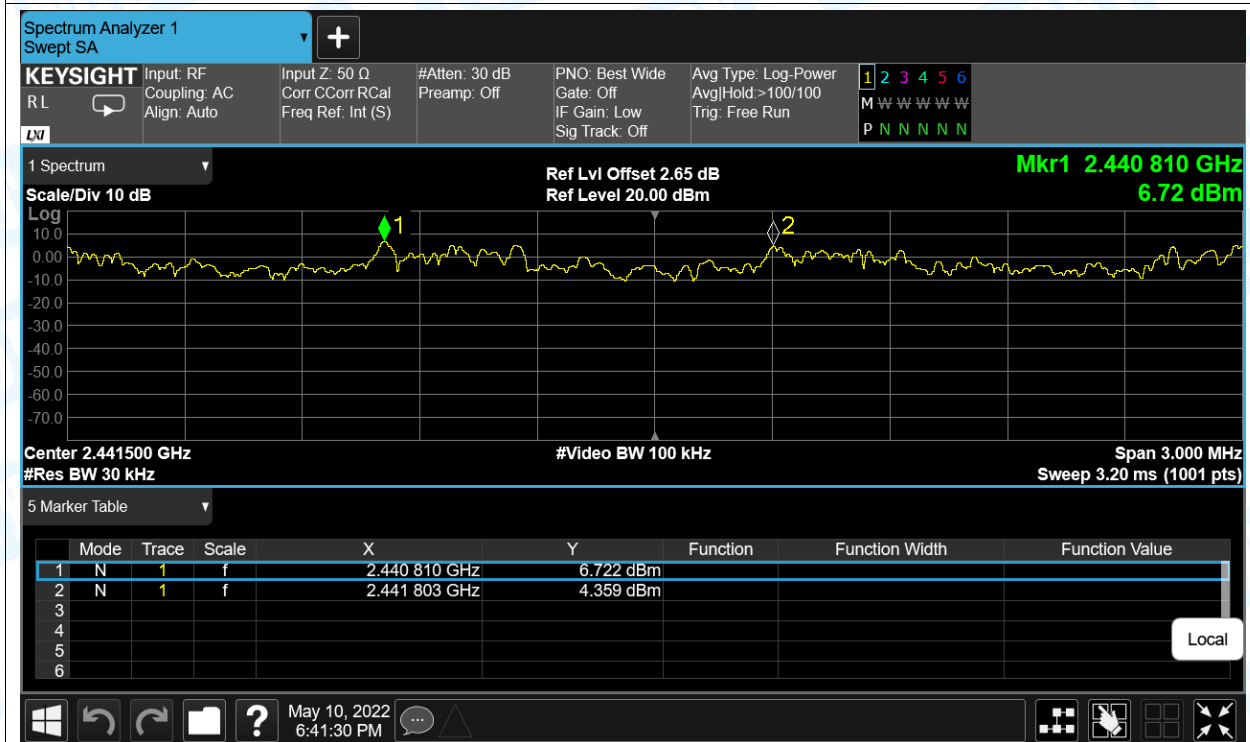
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2440.87	2441.953	1.083	0.57	Pass
NVNT	2-DH1	Ant1	2440.81	2441.803	0.993	0.84	Pass
NVNT	3-DH1	Ant1	2441.005	2441.995	0.99	0.81	Pass

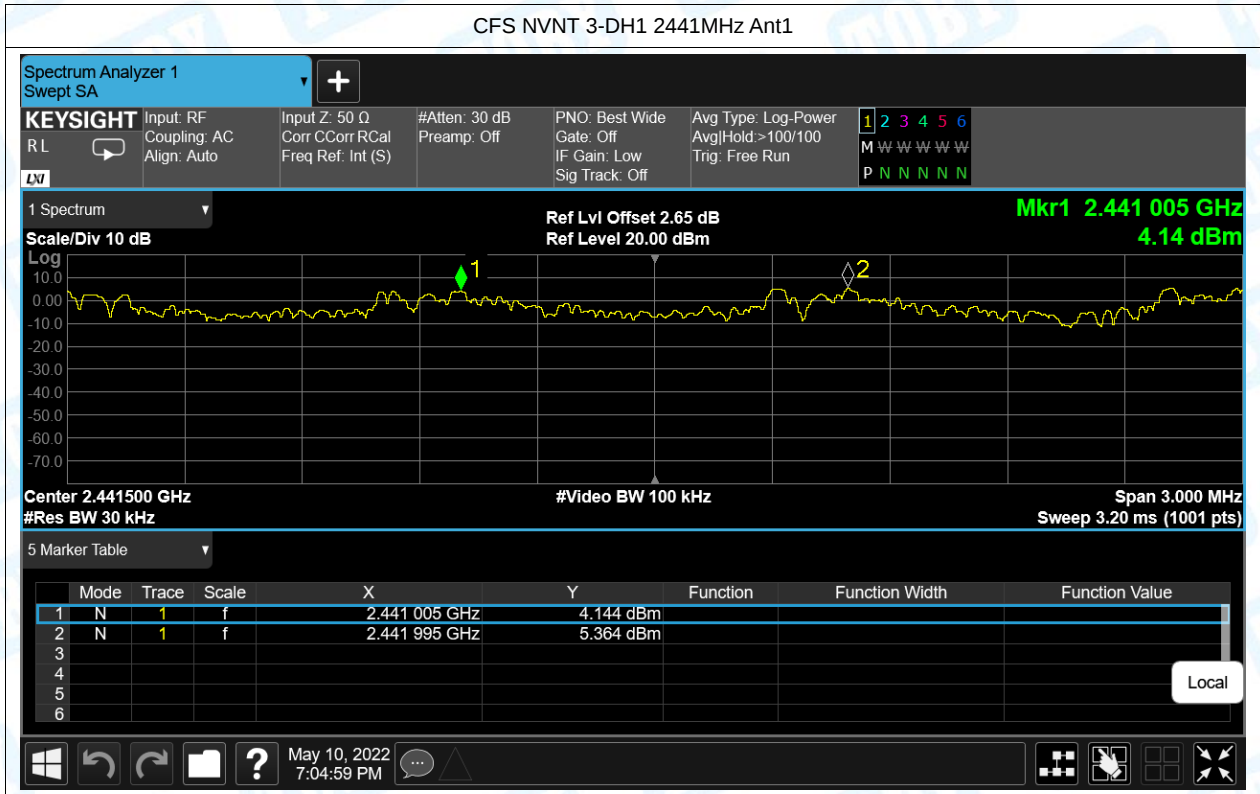
Test Graphs

CFS NVNT 1-DH1 2441MHz Ant1



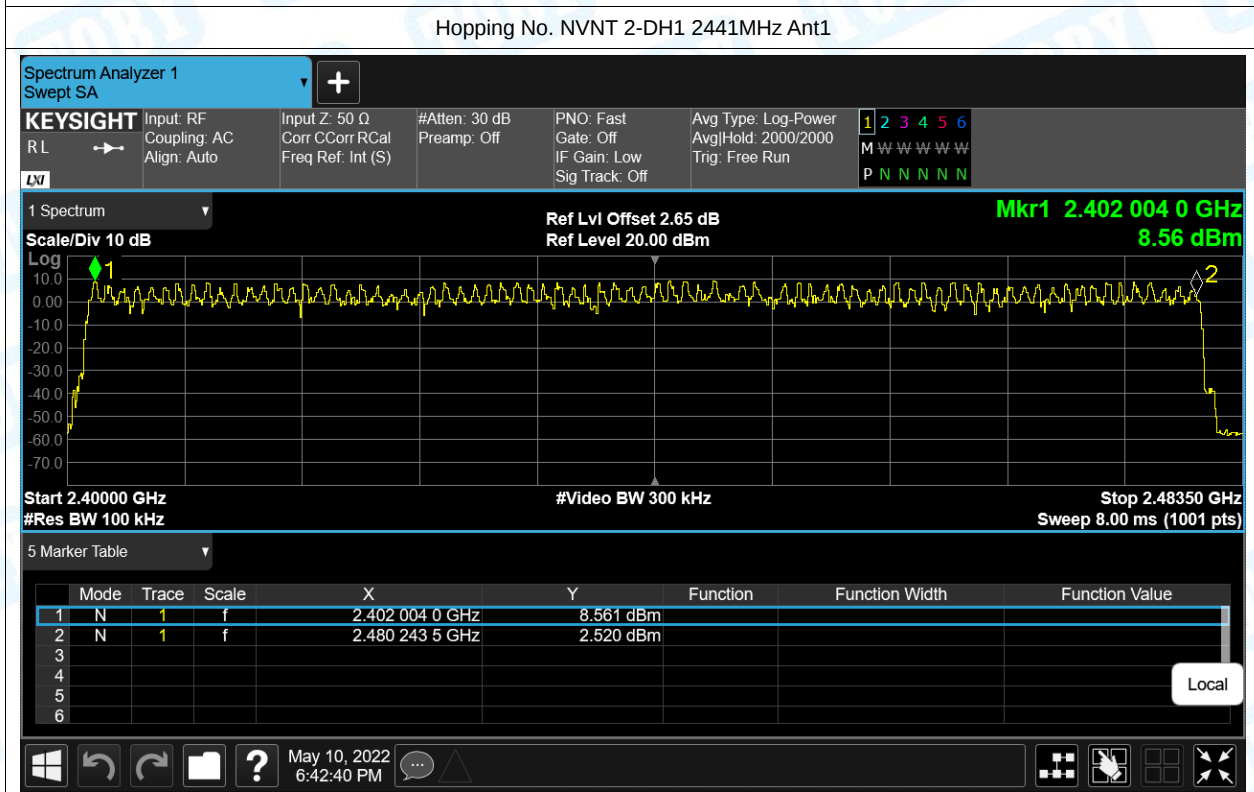
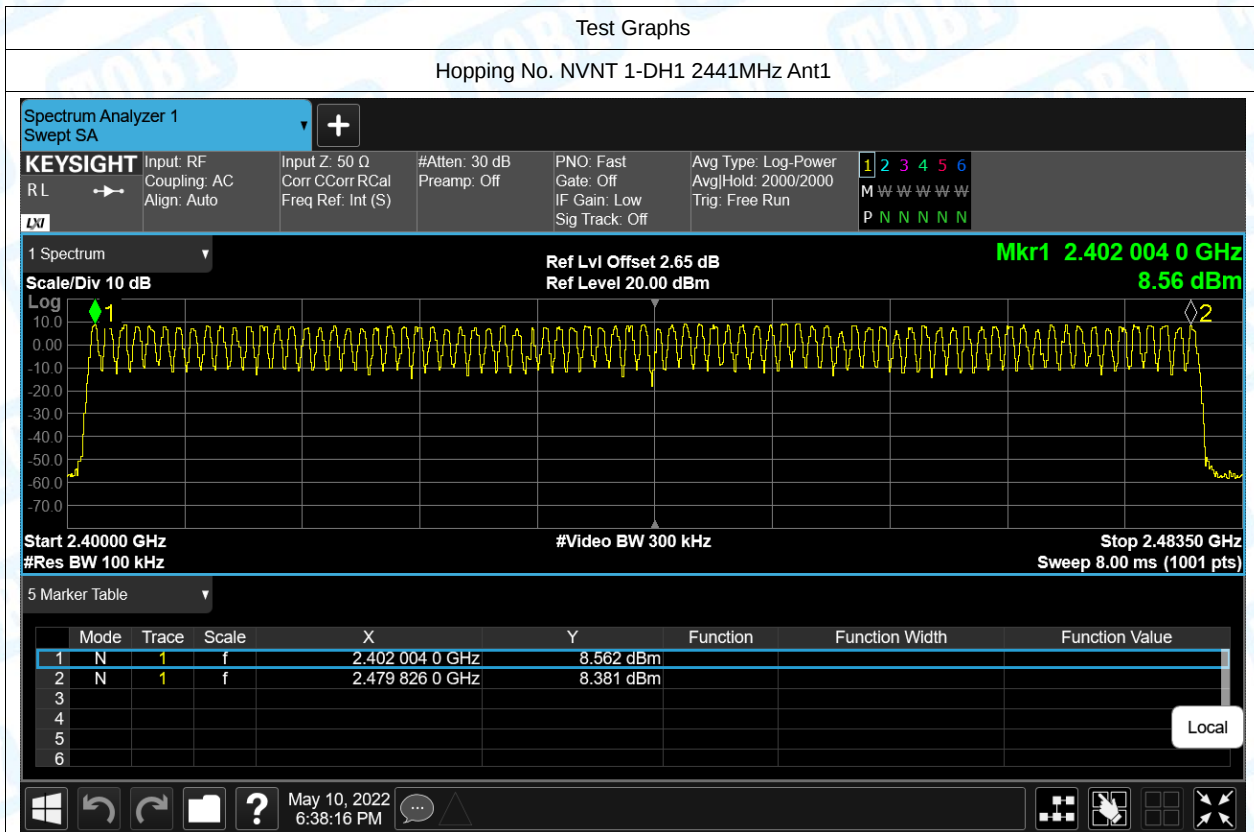
CFS NVNT 2-DH1 2441MHz Ant1

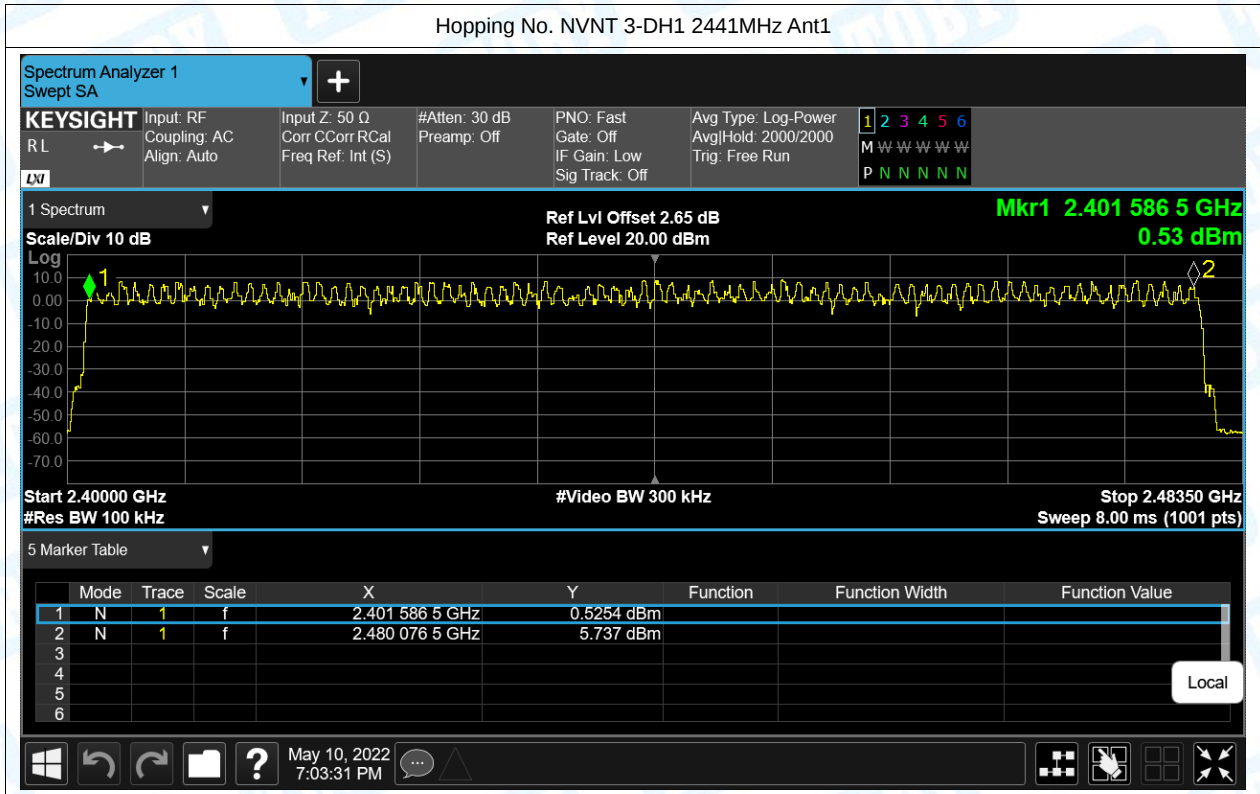




10. Number of Hopping Channel

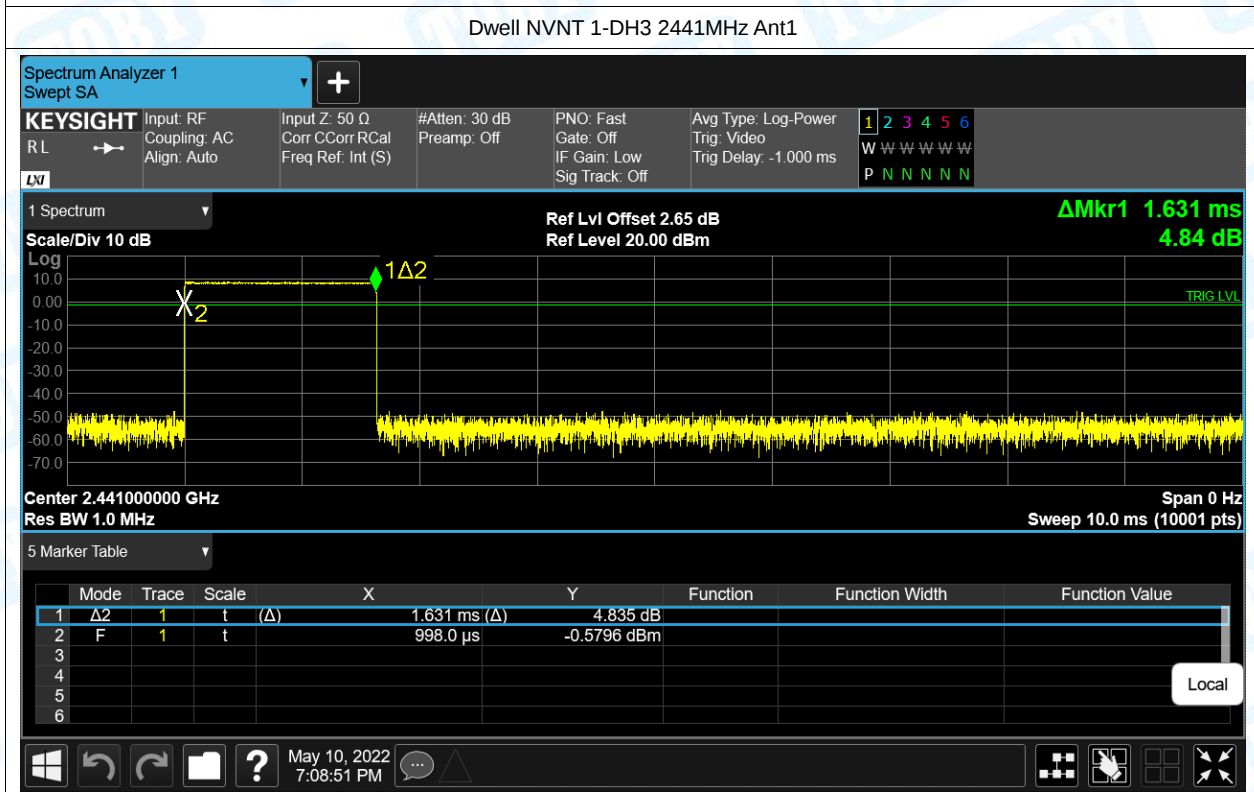
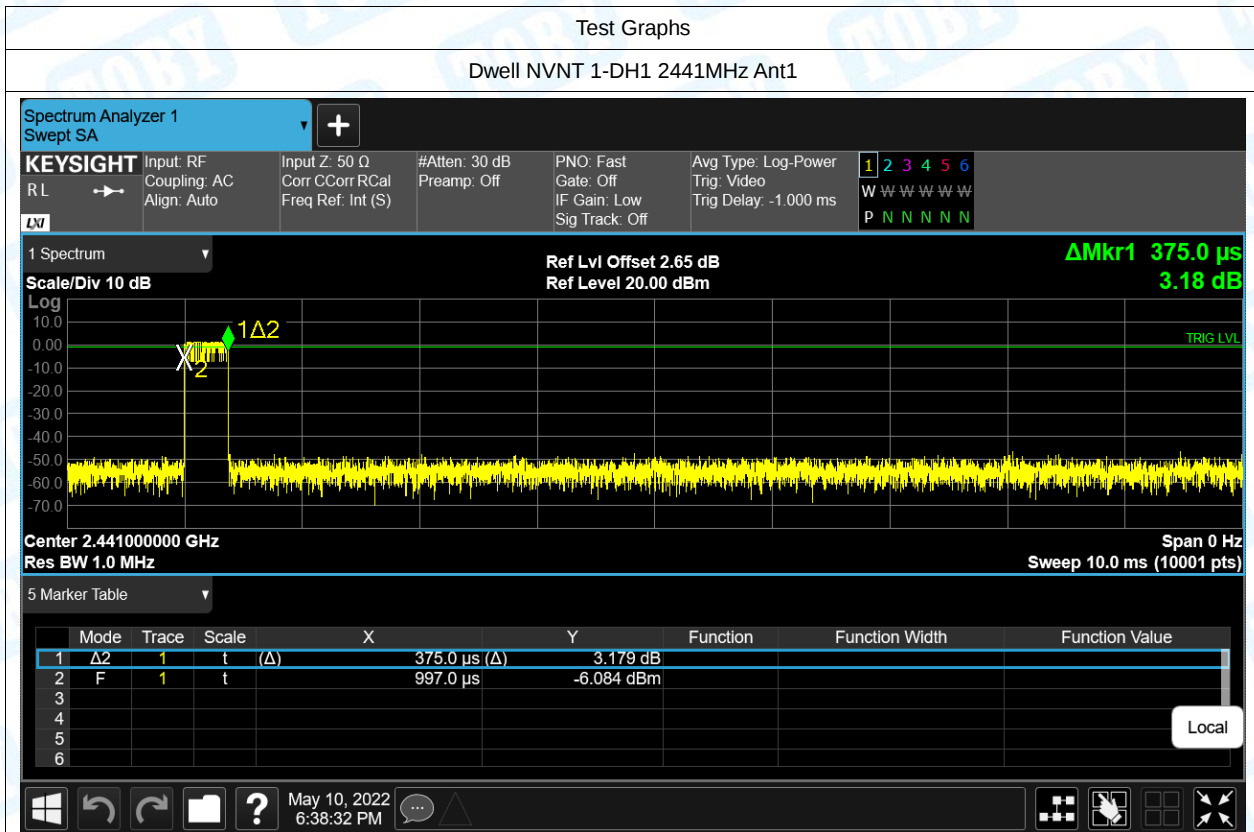
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass

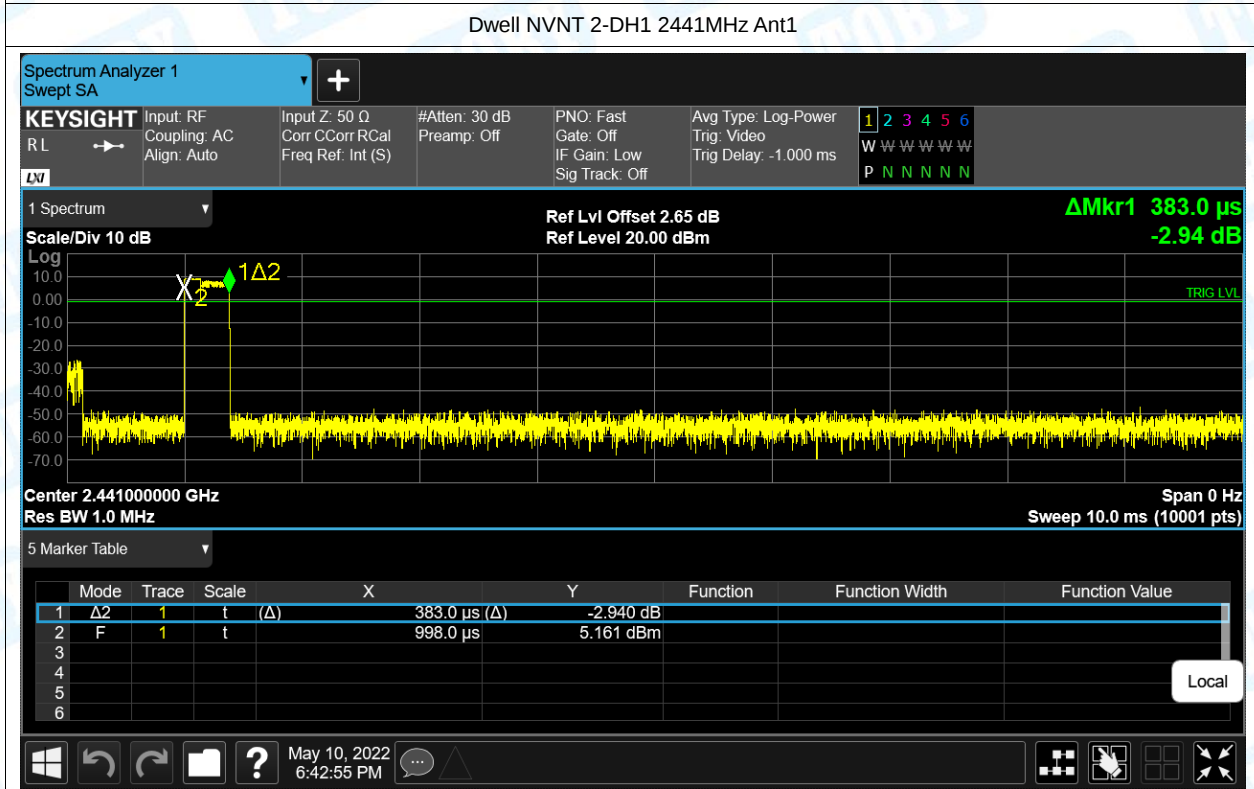
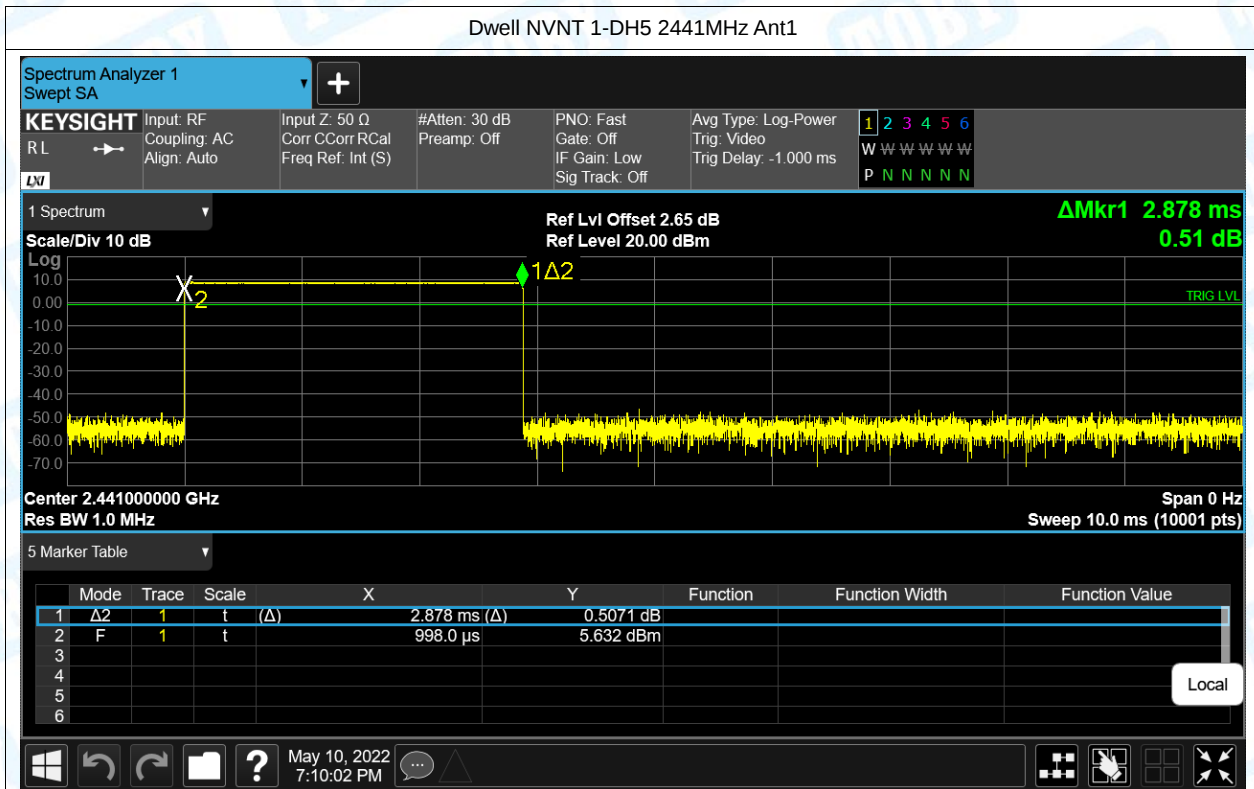




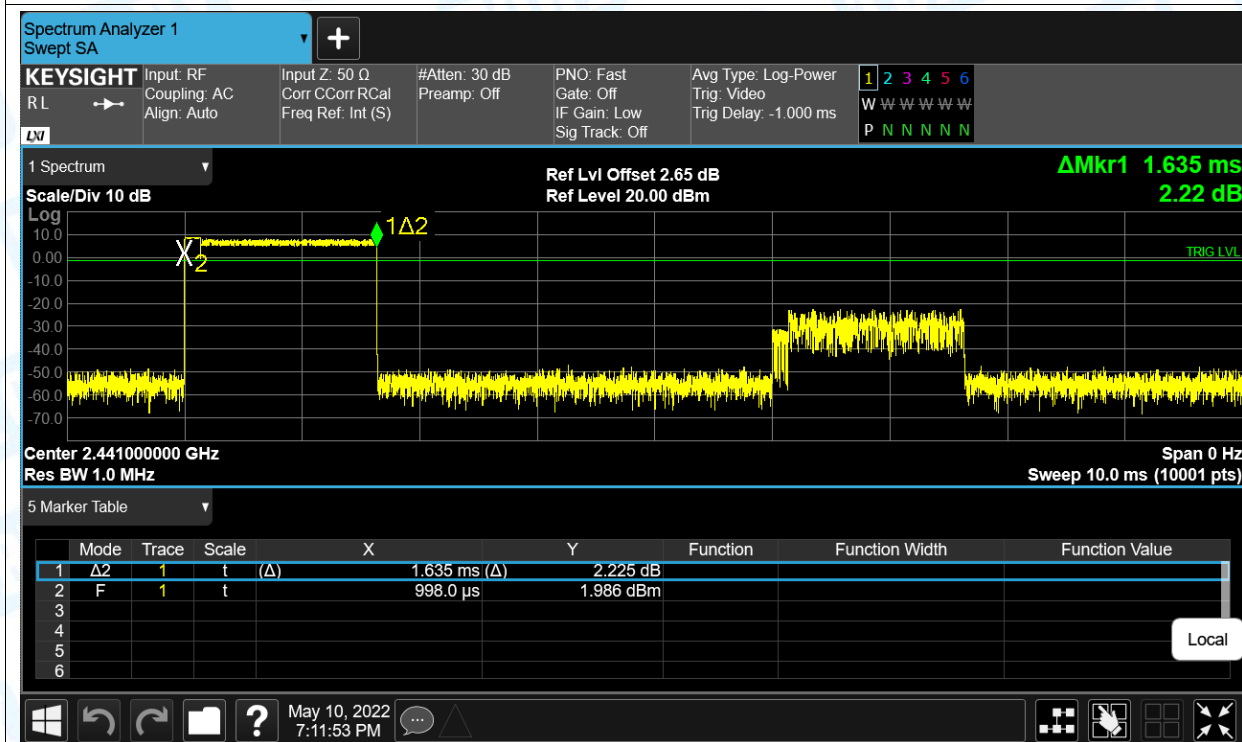
11. Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.375	120	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.631	260.96	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.878	306.987	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.383	122.56	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.635	261.6	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.882	307.413	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.383	122.56	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.634	261.44	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.885	307.733	31600	400	Pass

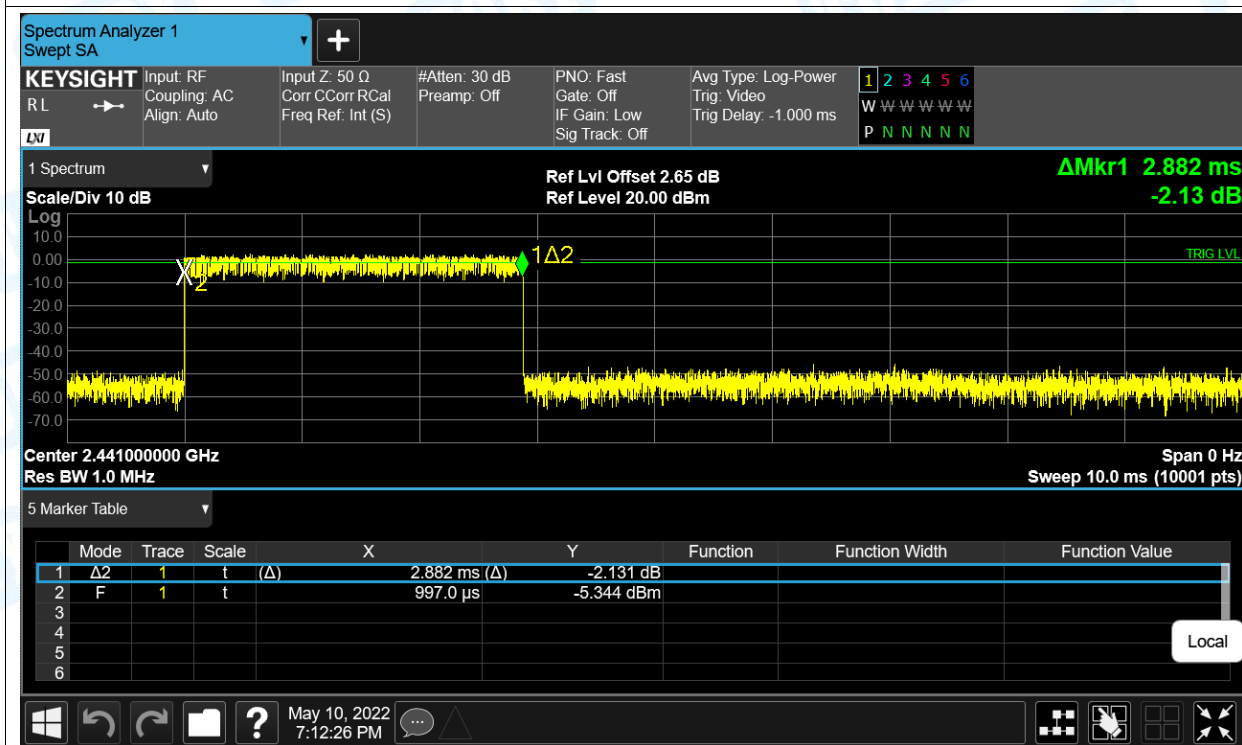


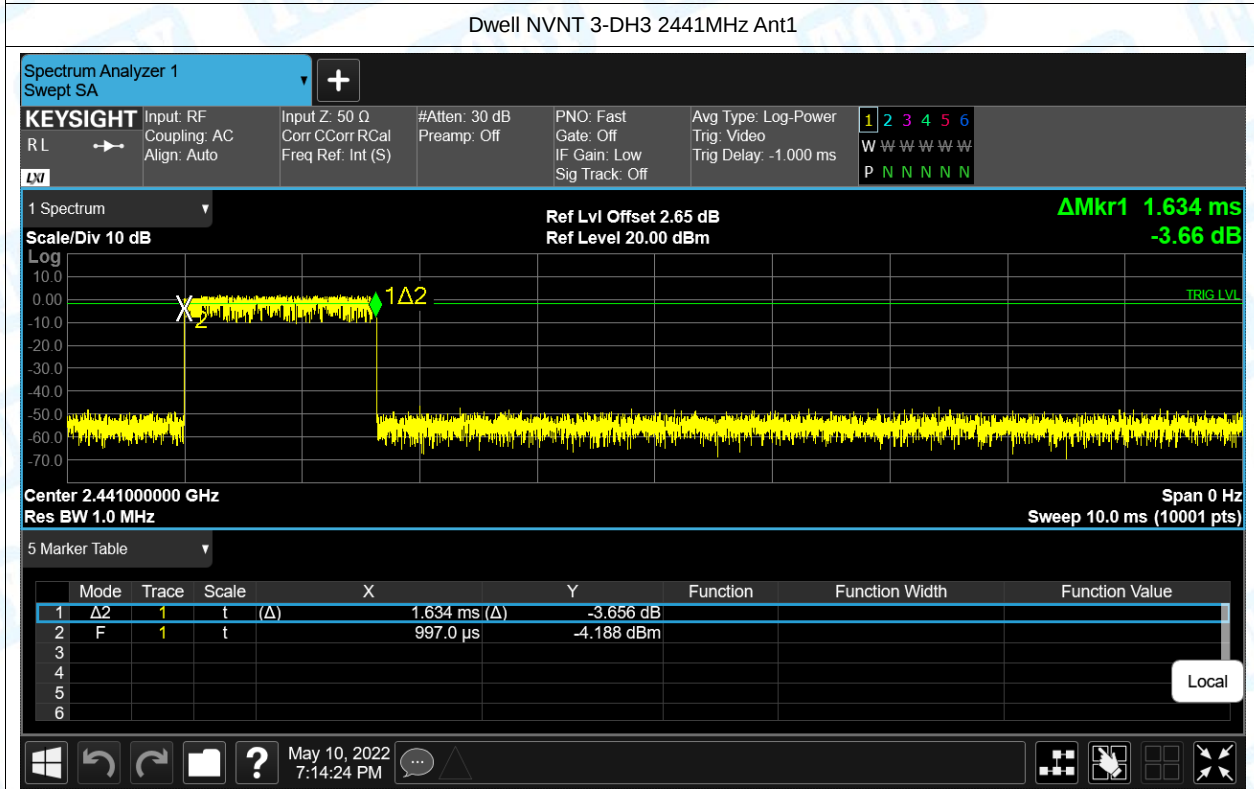
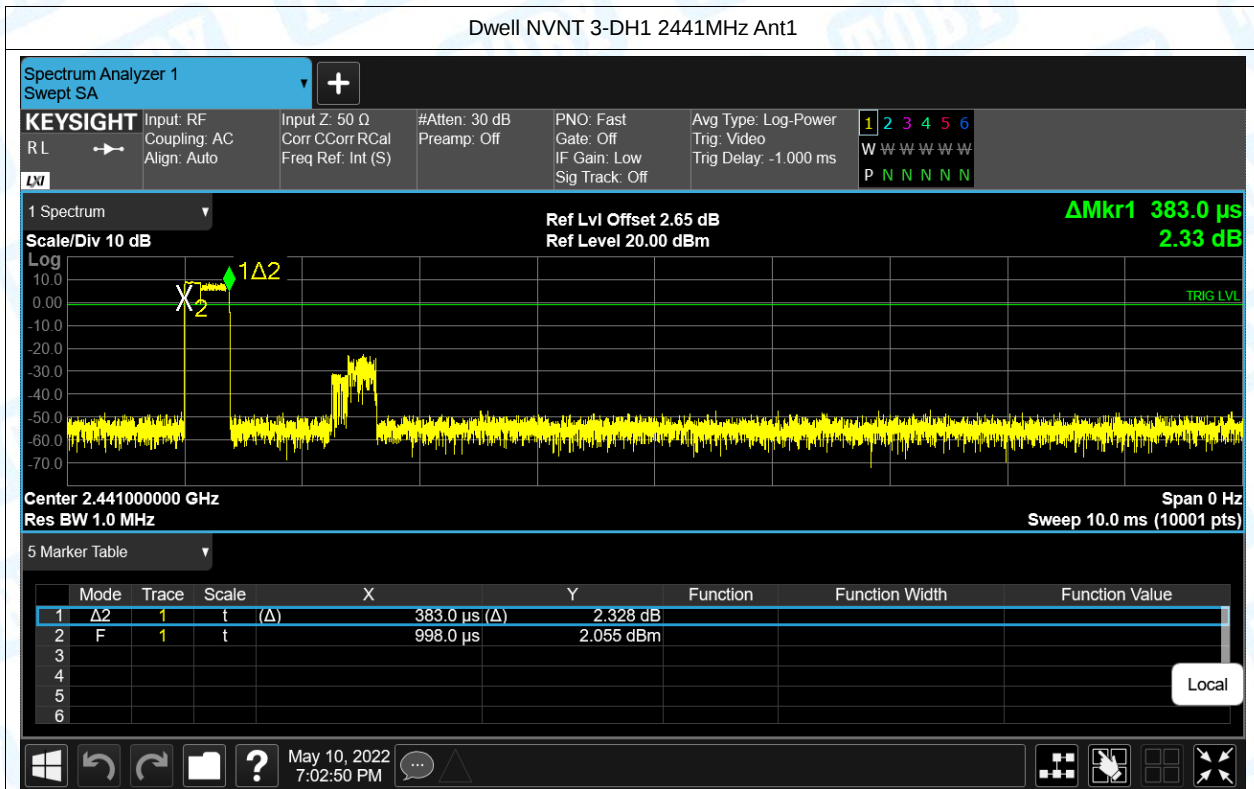


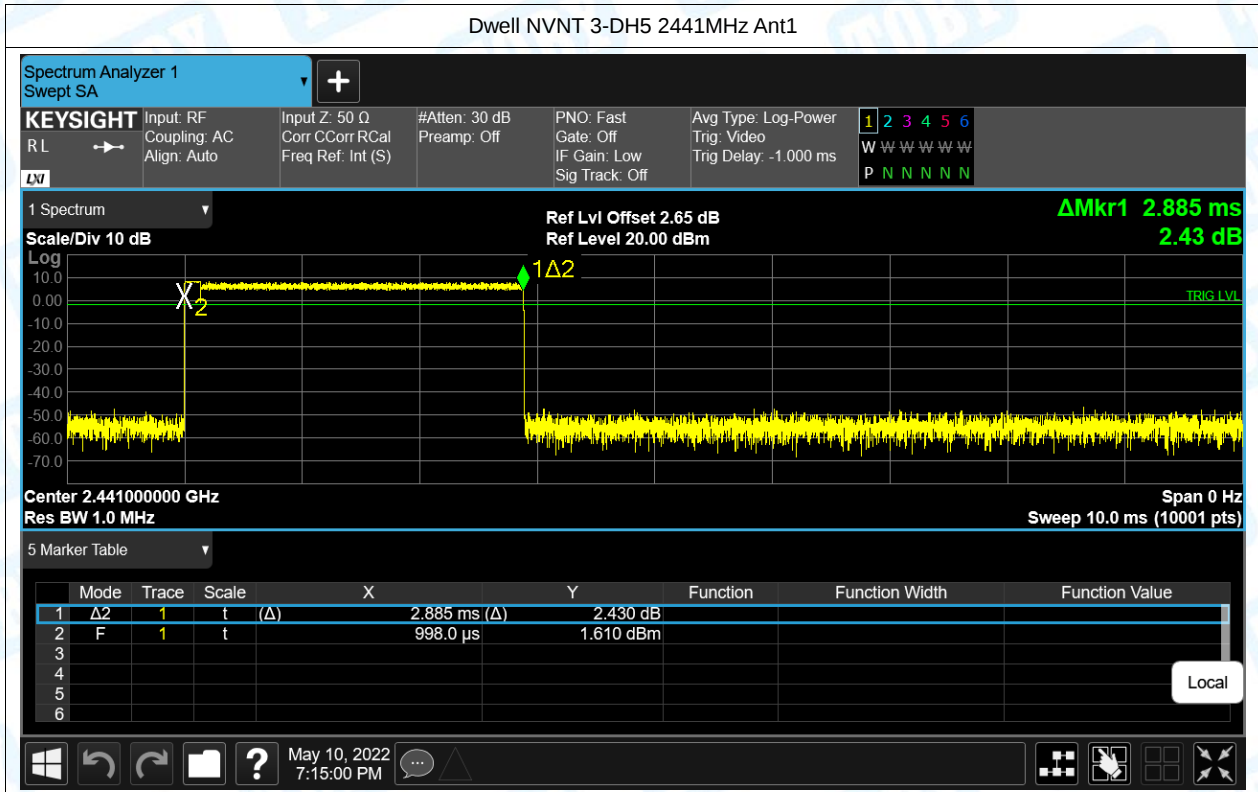
Dwell NVNT 2-DH3 2441MHz Ant1



Dwell NVNT 2-DH5 2441MHz Ant1







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