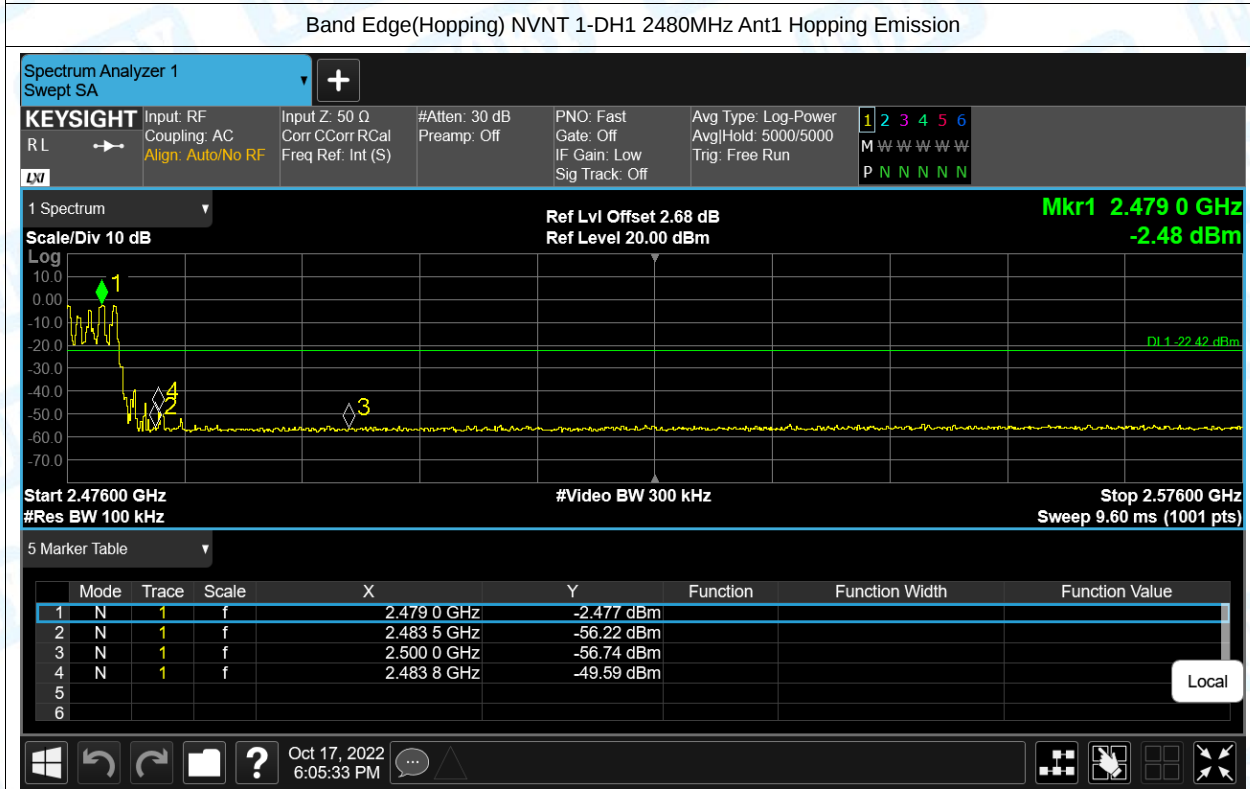
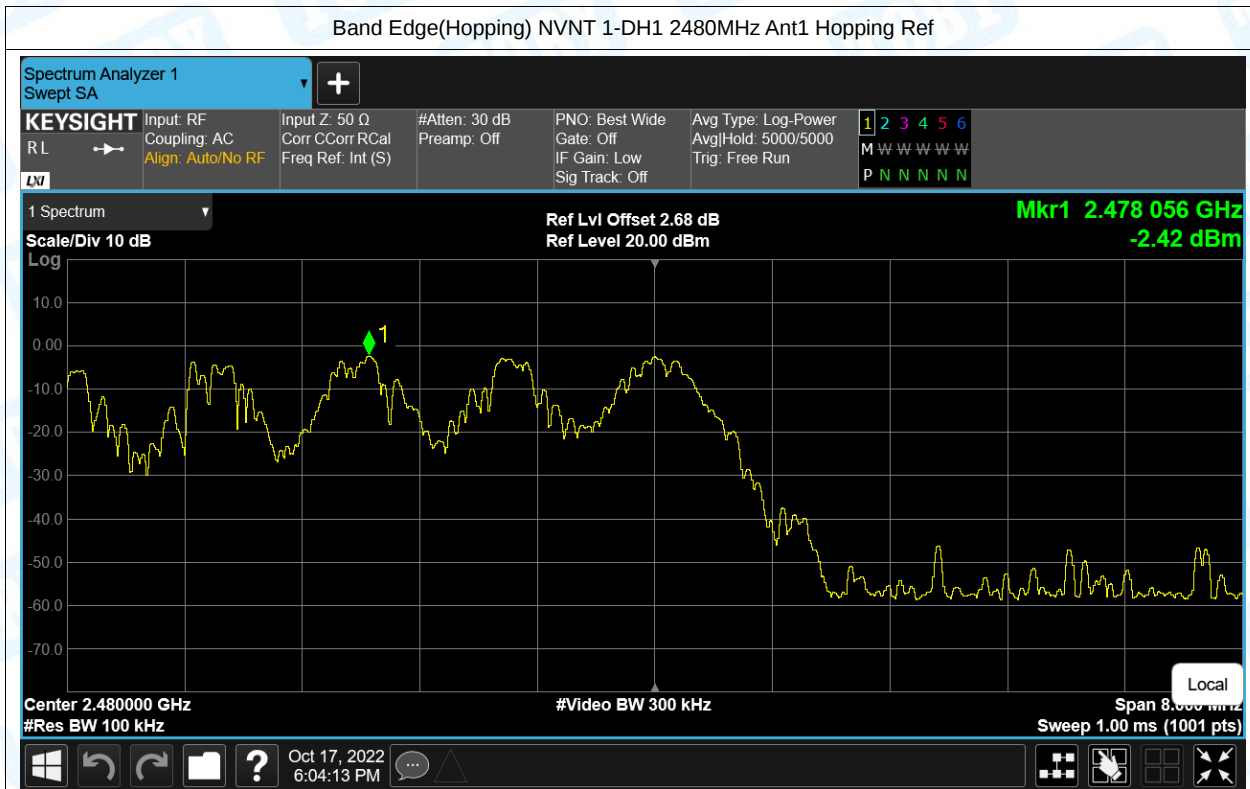
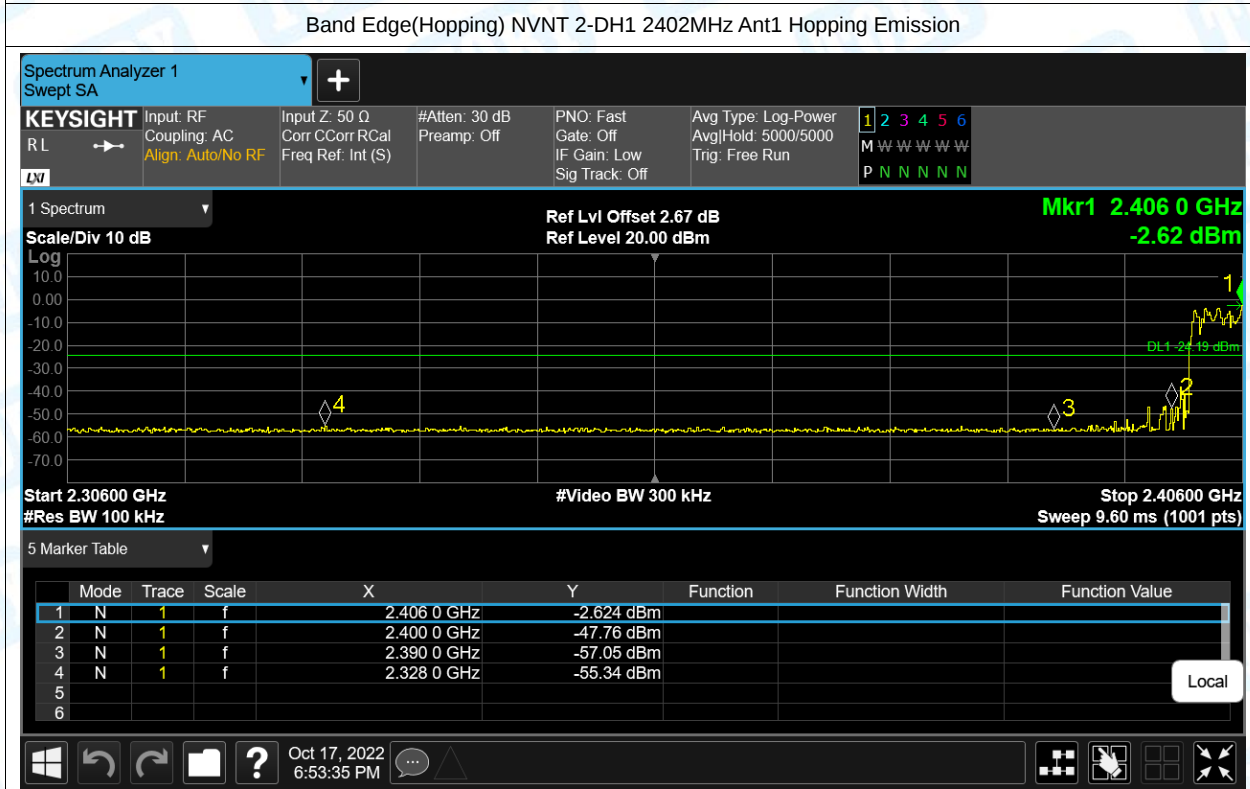
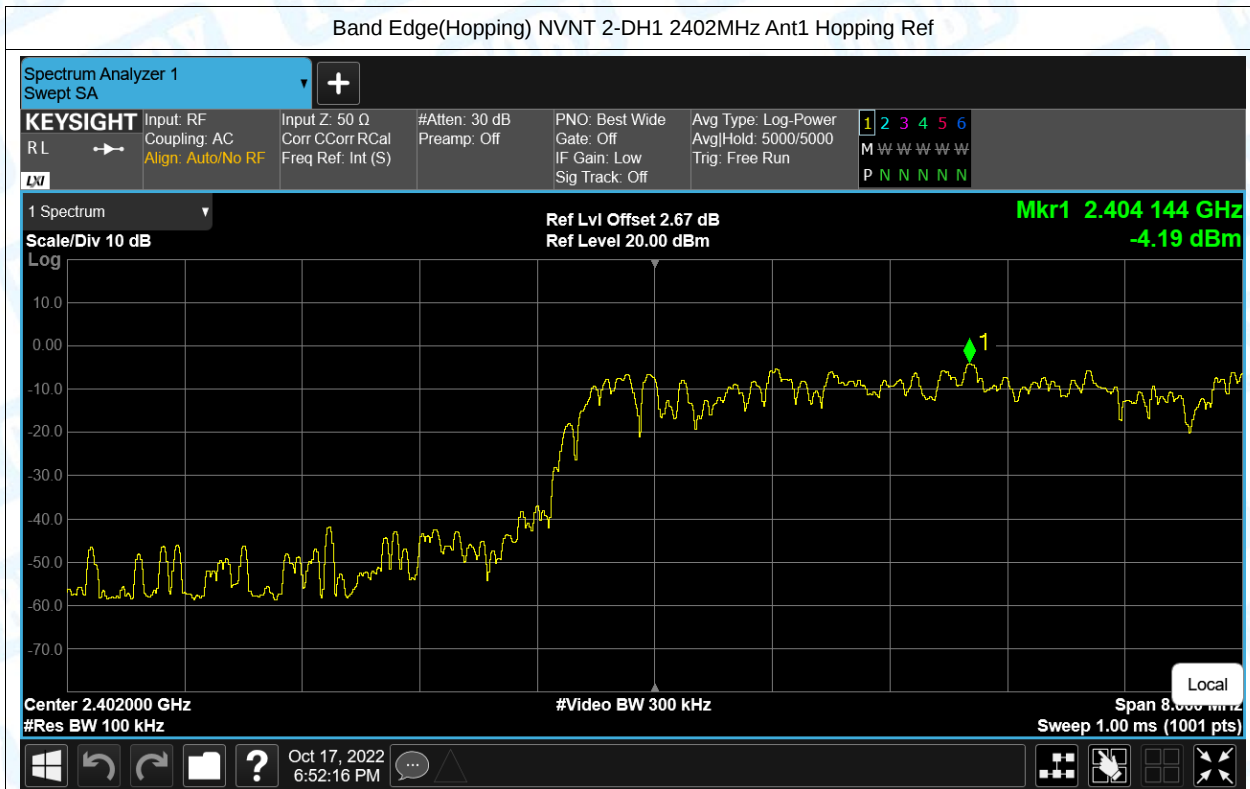
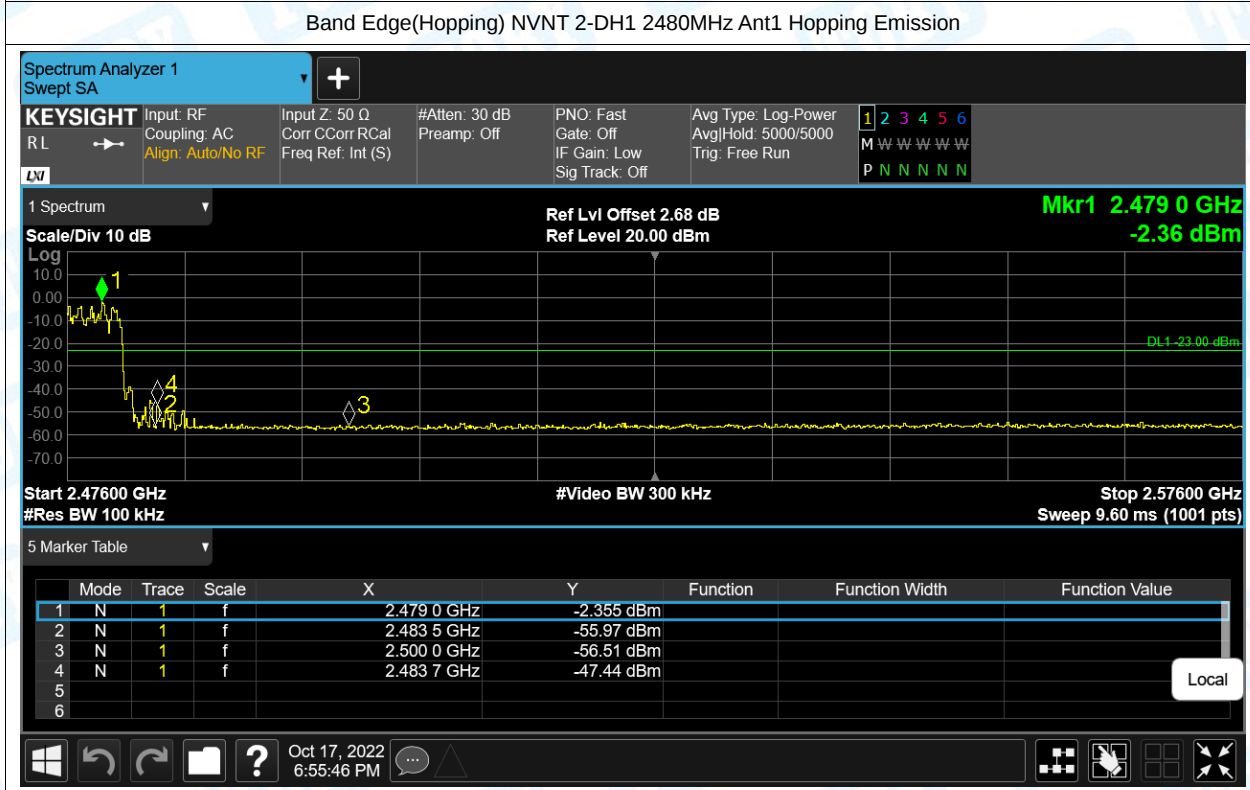
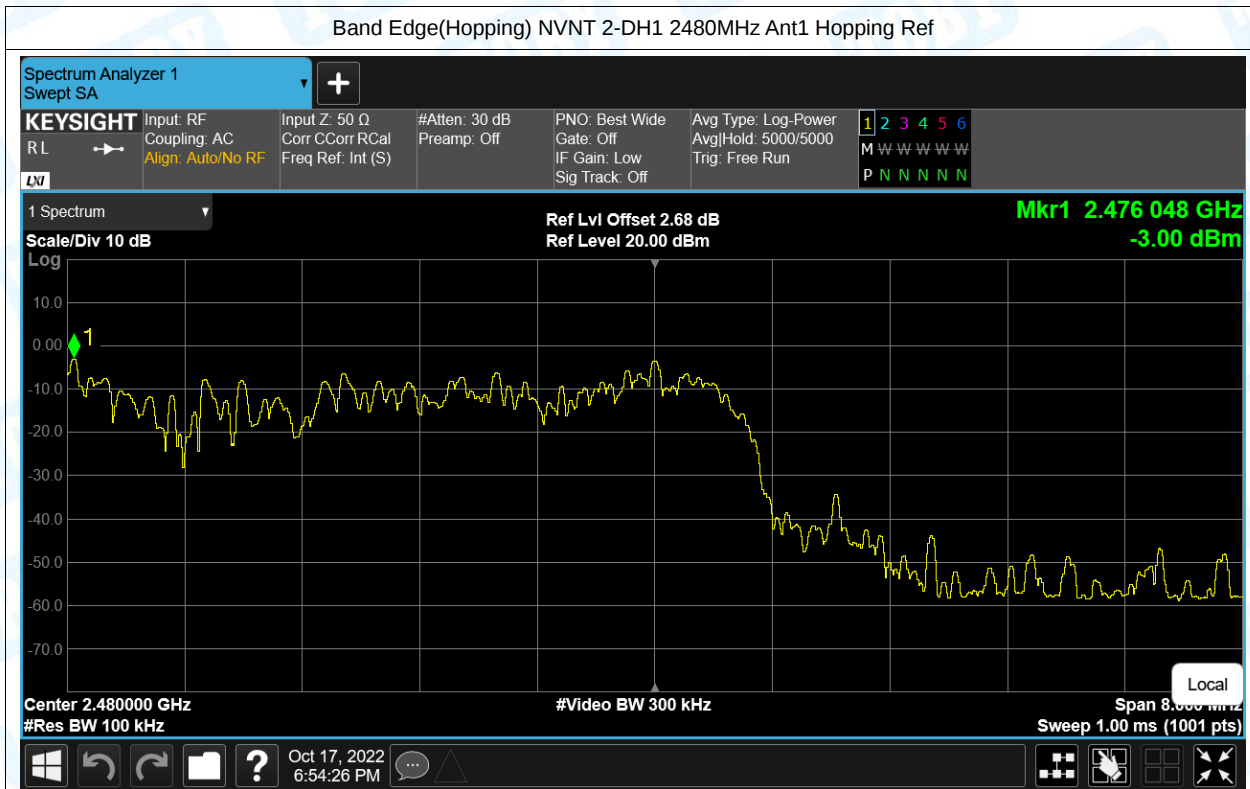
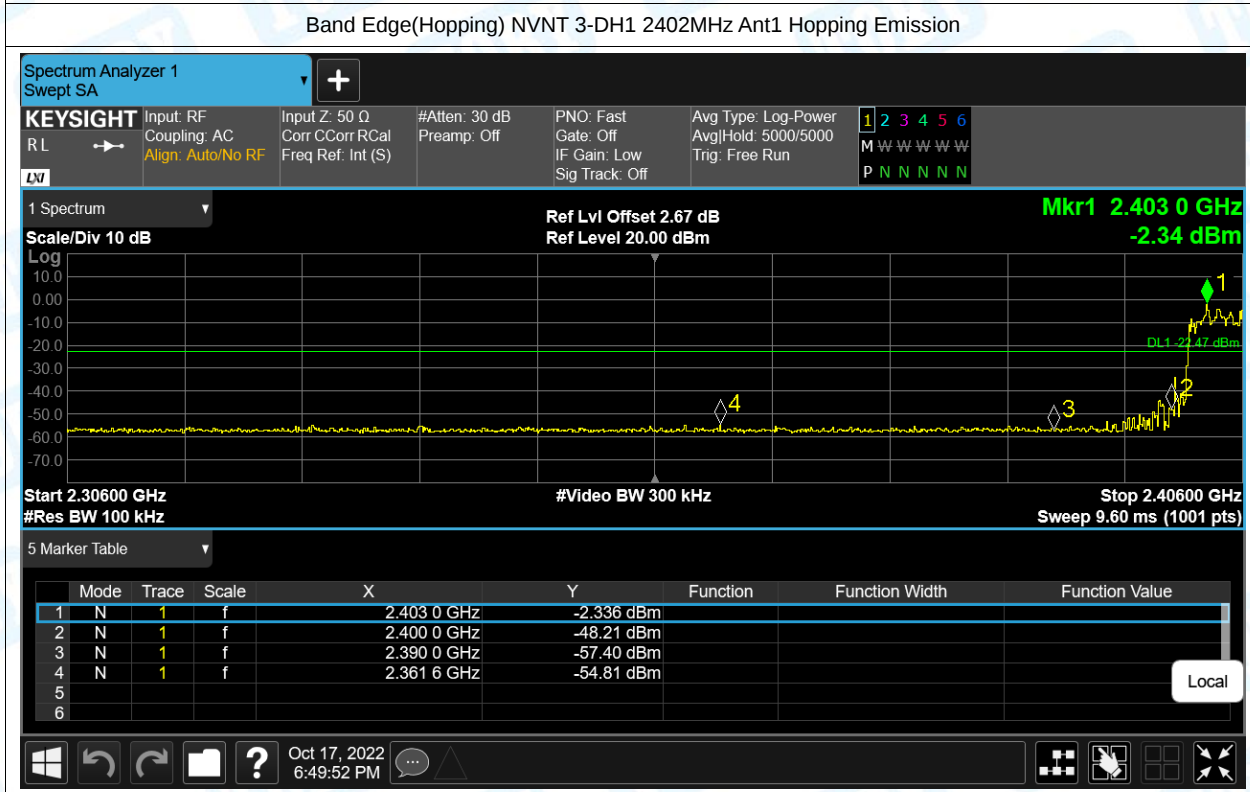
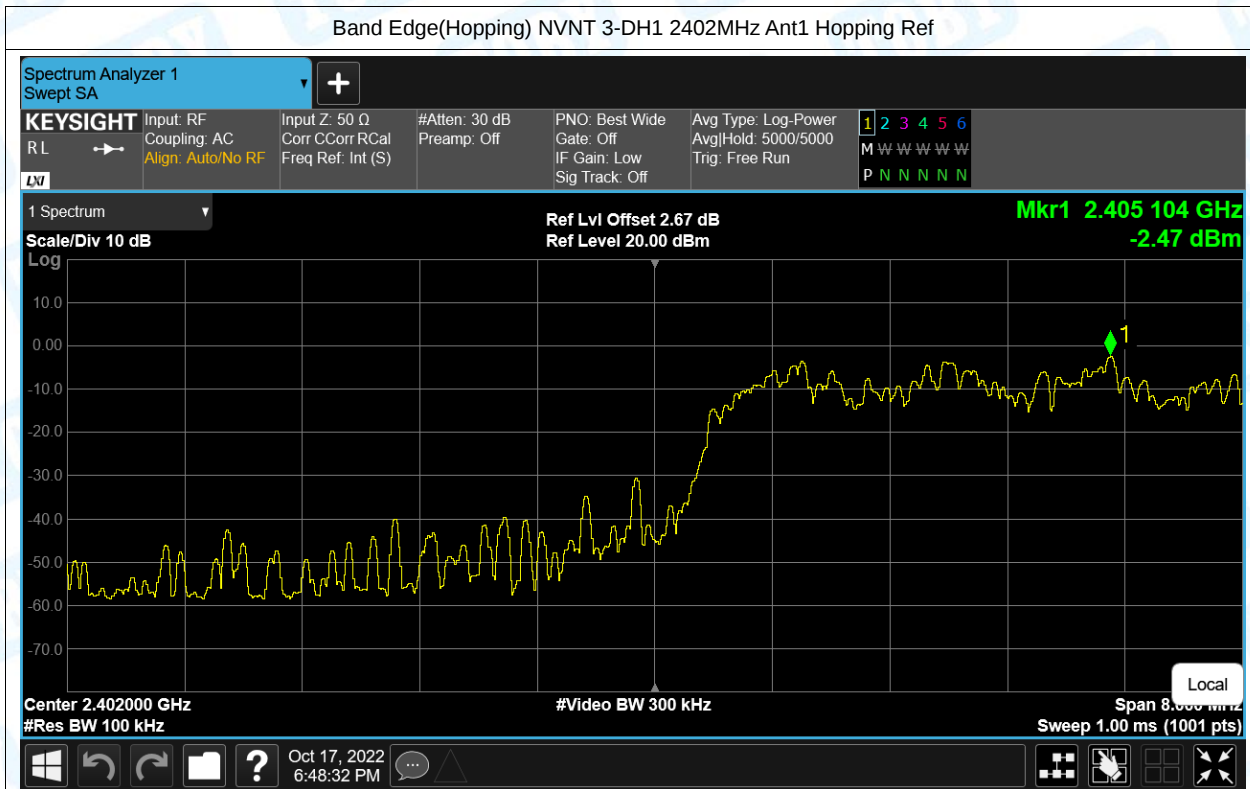
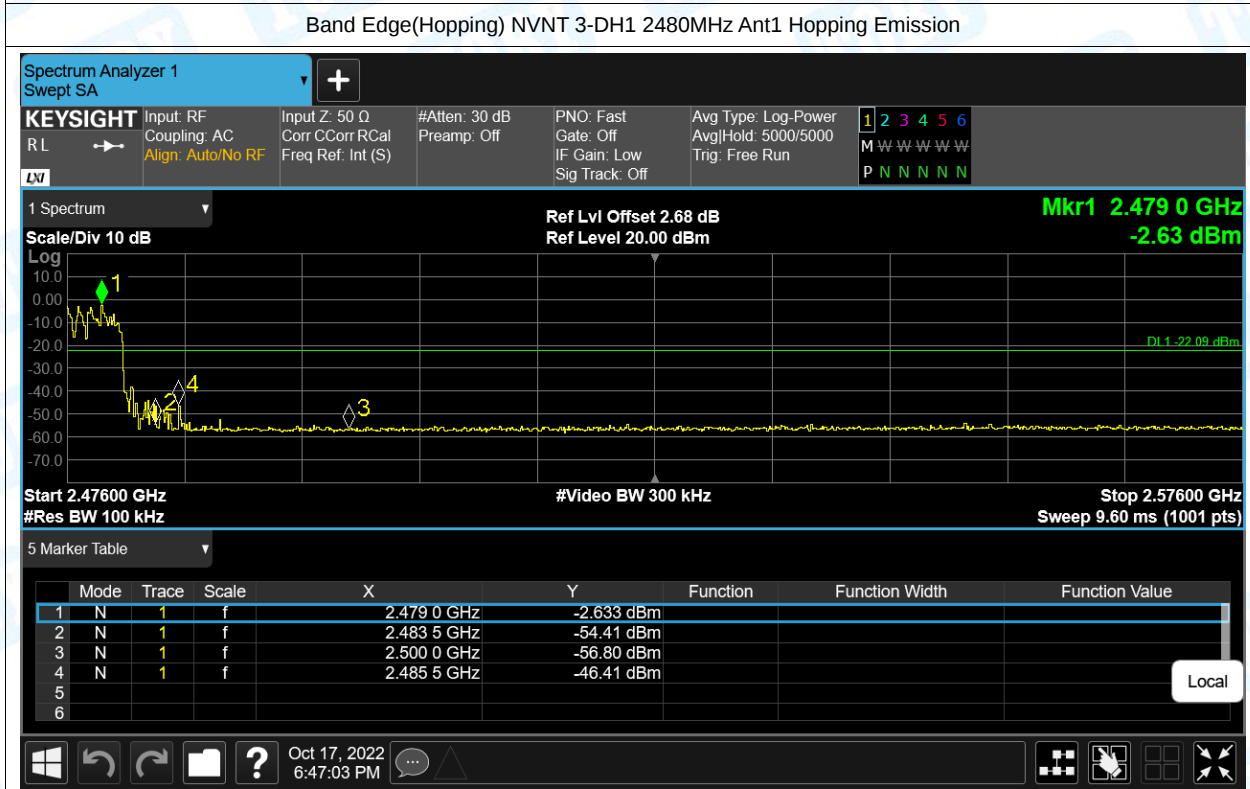
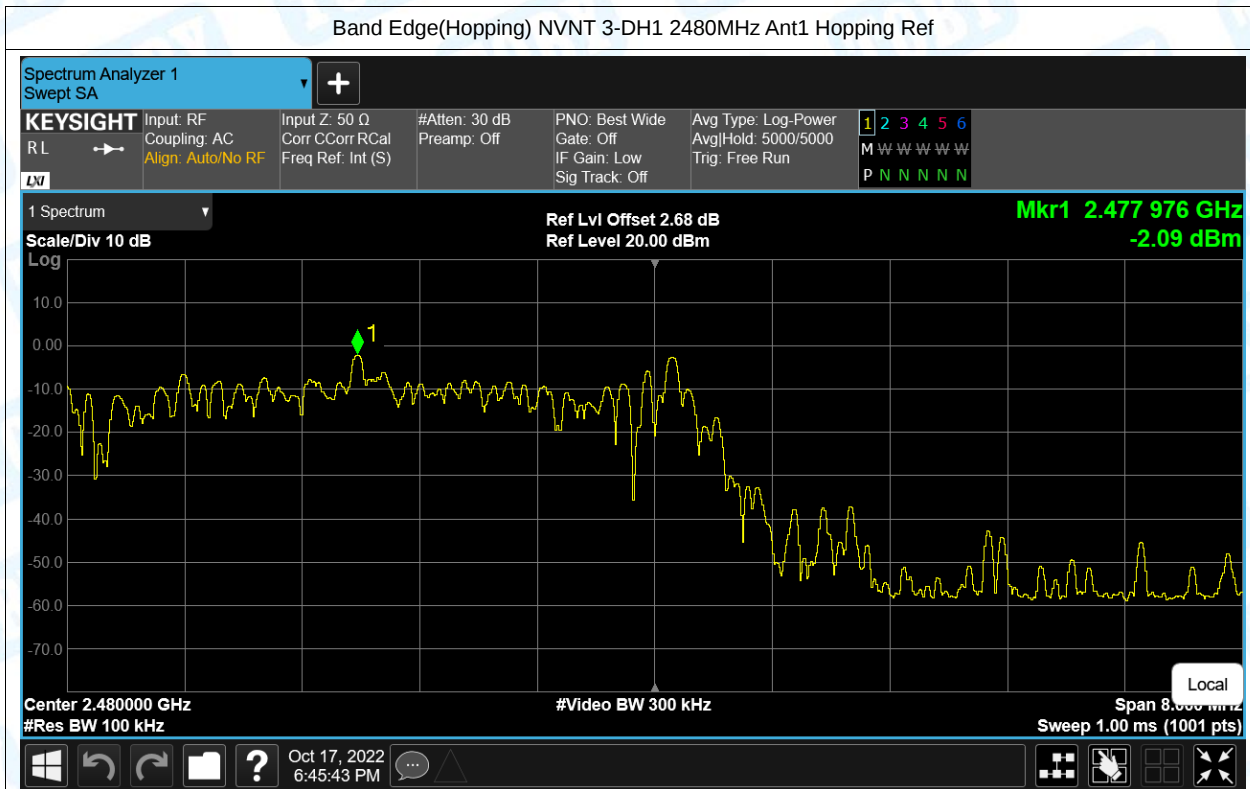






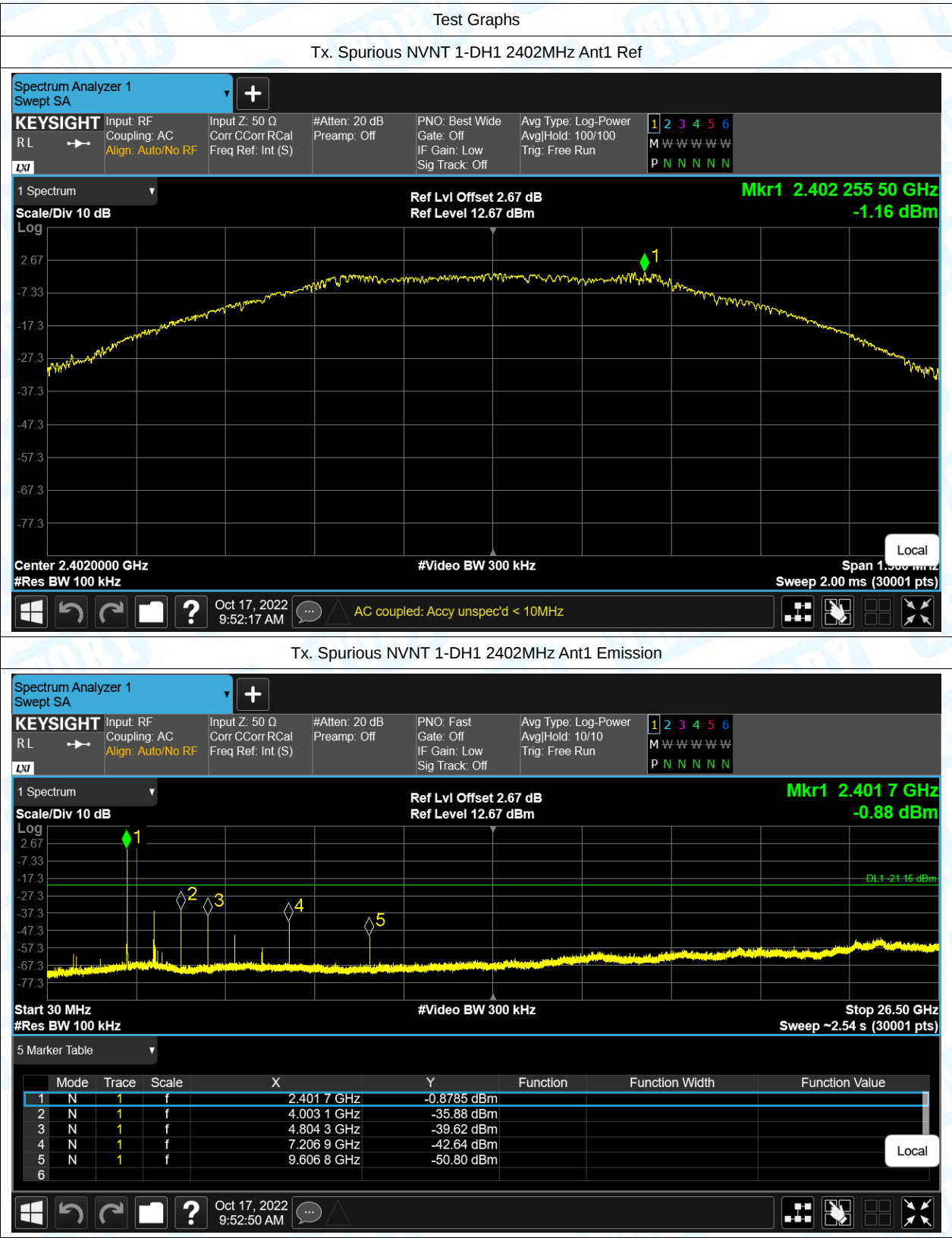






7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-34.72	-20	Pass
NVNT	1-DH1	2441	Ant1	-36.5	-20	Pass
NVNT	1-DH1	2480	Ant1	-37.45	-20	Pass
NVNT	2-DH1	2402	Ant1	-35.5	-20	Pass
NVNT	2-DH1	2441	Ant1	-36.25	-20	Pass
NVNT	2-DH1	2480	Ant1	-38.49	-20	Pass
NVNT	3-DH1	2402	Ant1	-35.13	-20	Pass
NVNT	3-DH1	2441	Ant1	-36.46	-20	Pass
NVNT	3-DH1	2480	Ant1	-38.3	-20	Pass



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: AC

Align: Auto/No RF

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

-0.88 dBm

Start 30 MHz

#Res BW 100 kHz

#Video BW 300 kHz

Stop 26.50 GHz

Sweep ~2.54 s (30001 pts)

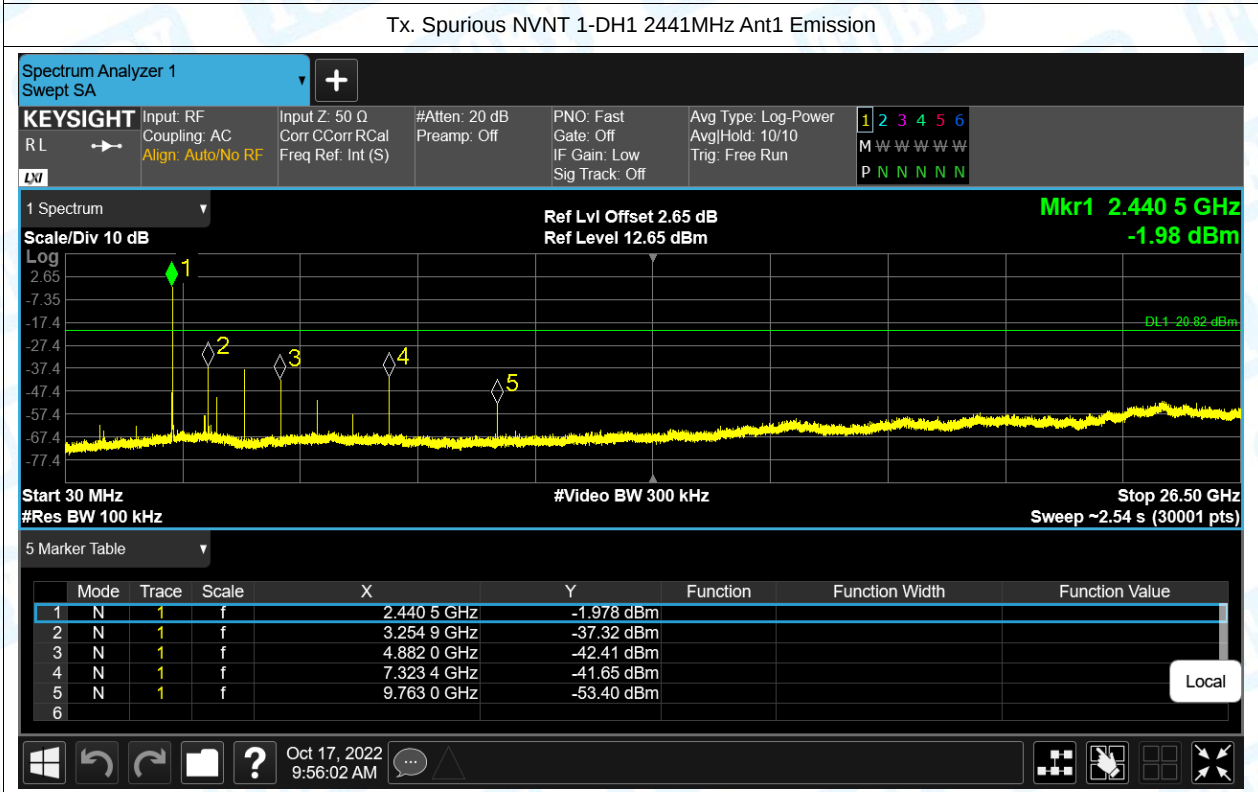
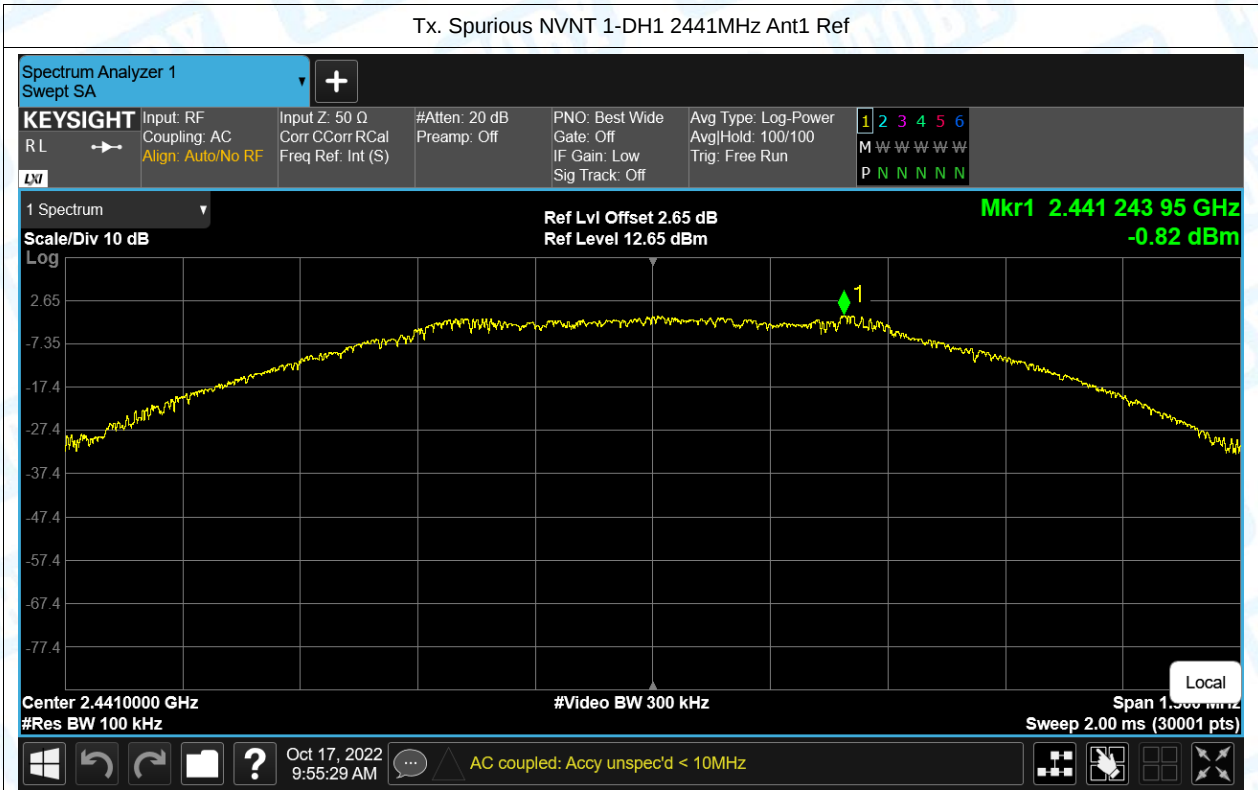
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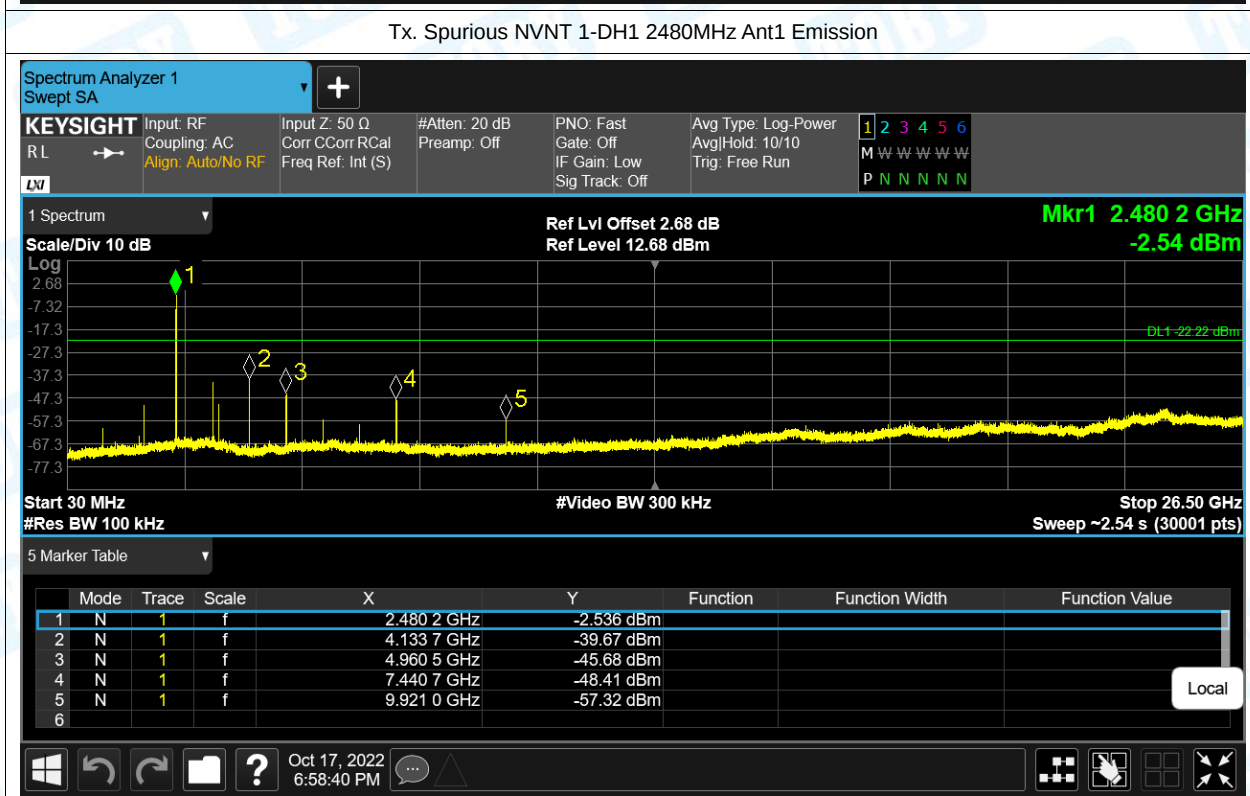
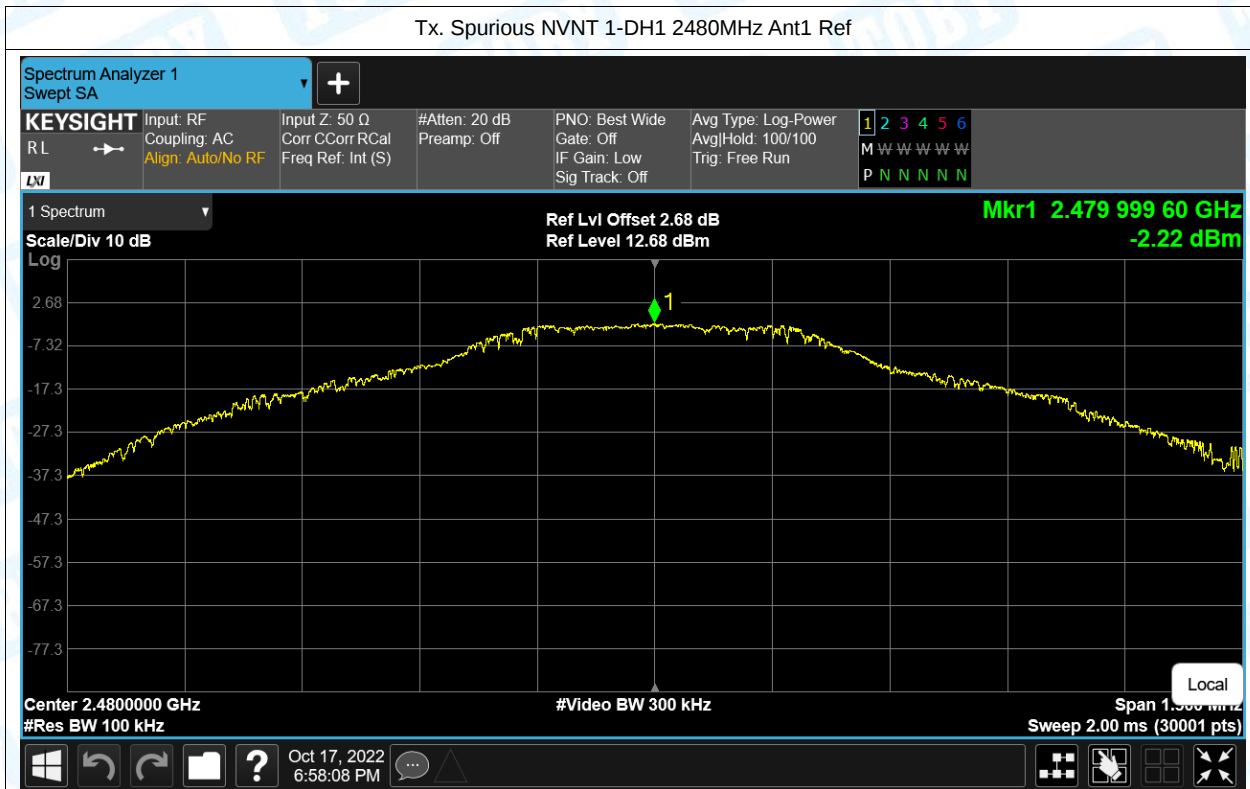
5 Marker Table

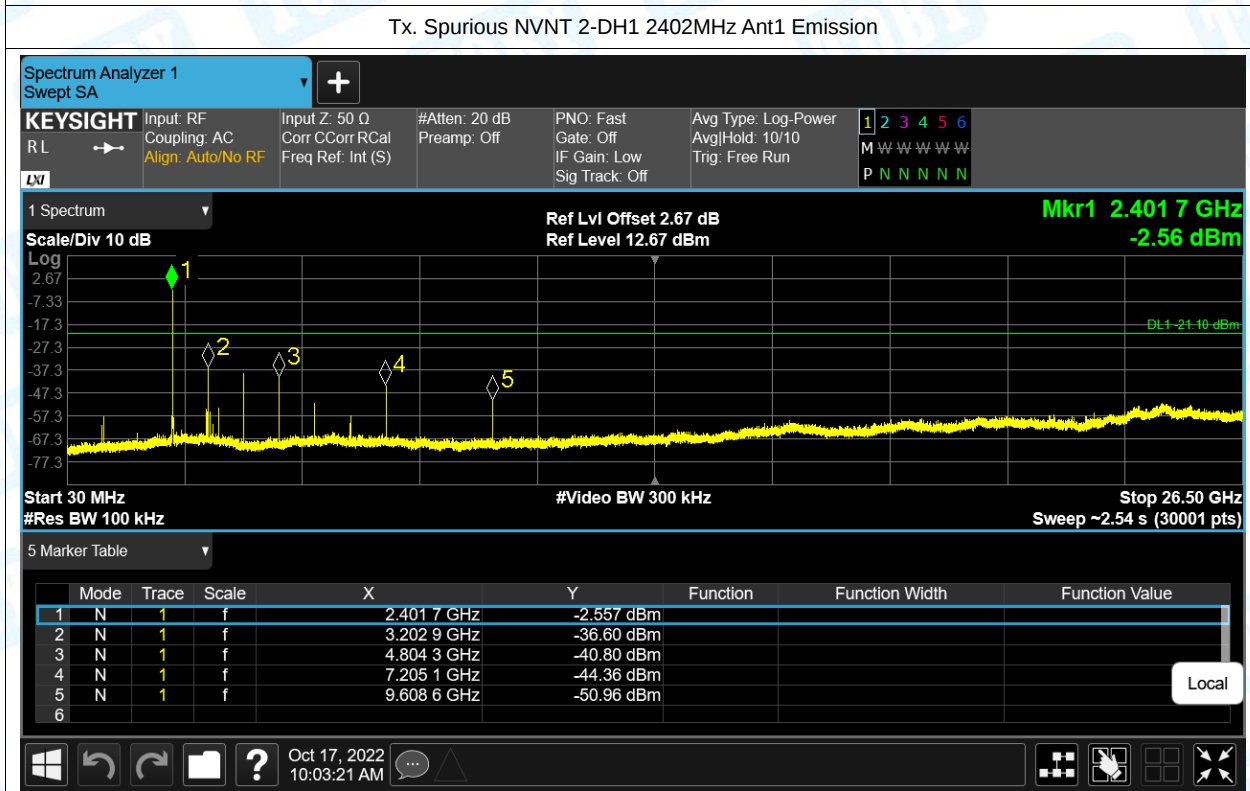
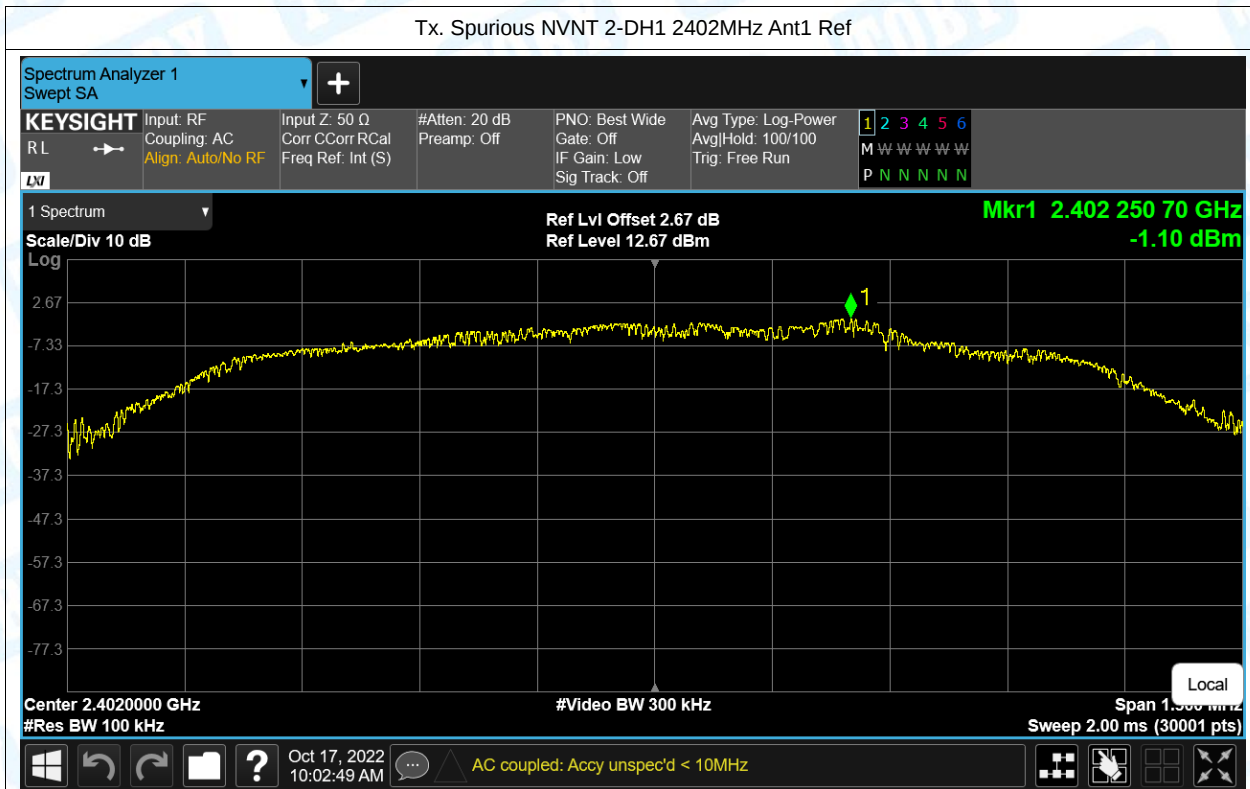
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.401 7 GHz	-0.8785 dBm			
2	N	1	f	4.003 1 GHz	-35.88 dBm			
3	N	1	f	4.804 3 GHz	-39.62 dBm			
4	N	1	f	7.206 9 GHz	-42.64 dBm			
5	N	1	f	9.606 8 GHz	-50.80 dBm			
6								

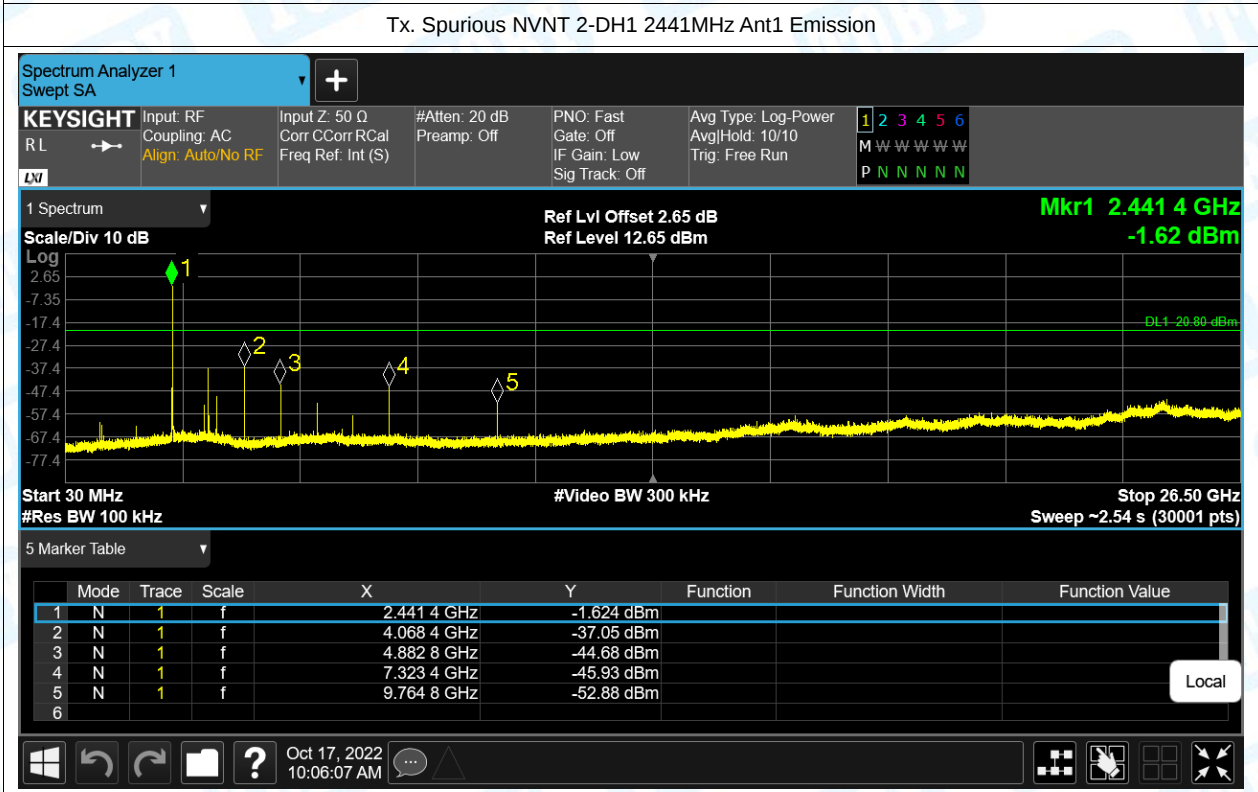
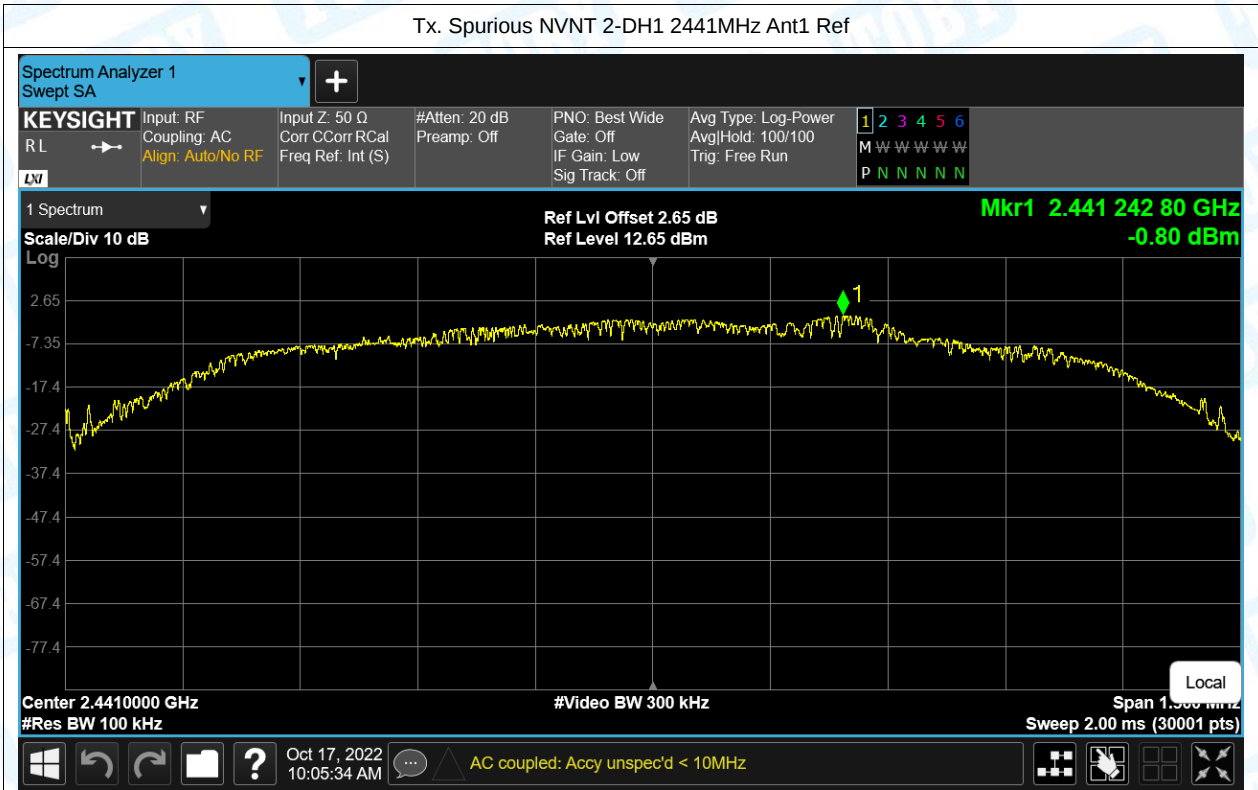
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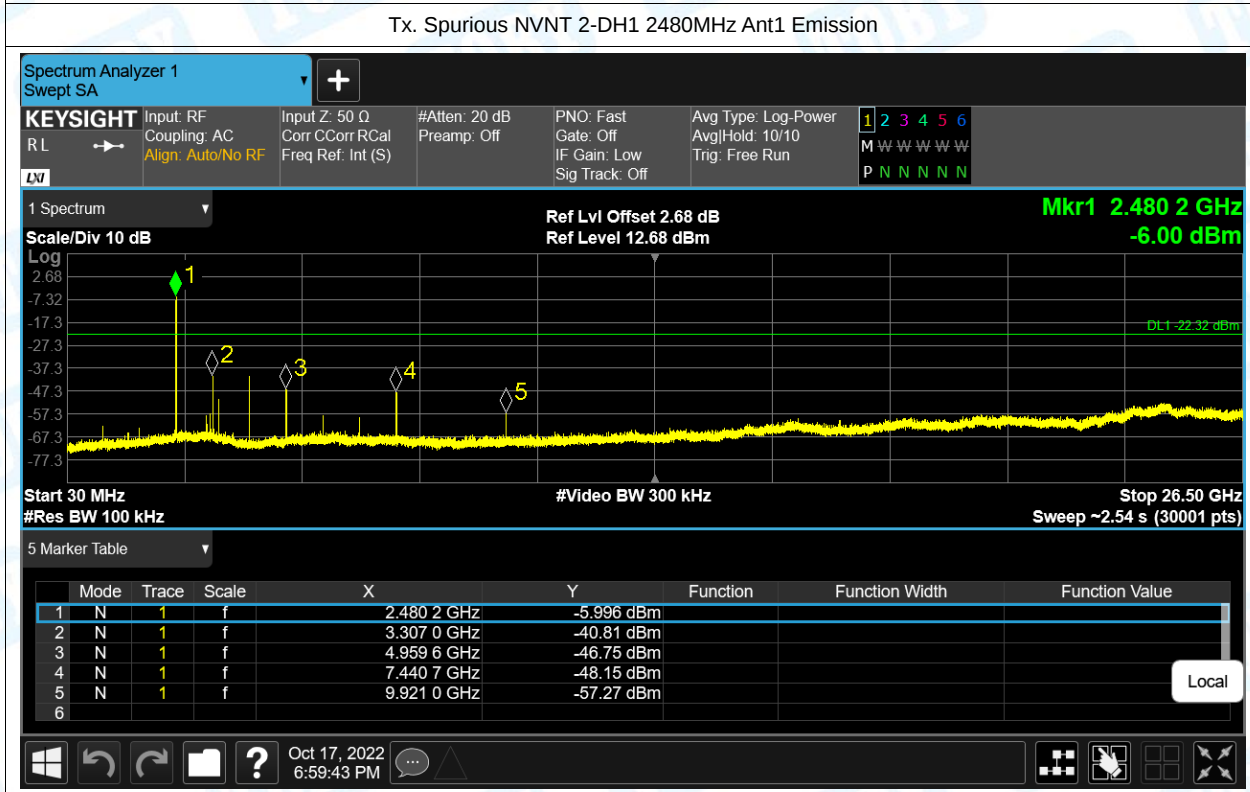
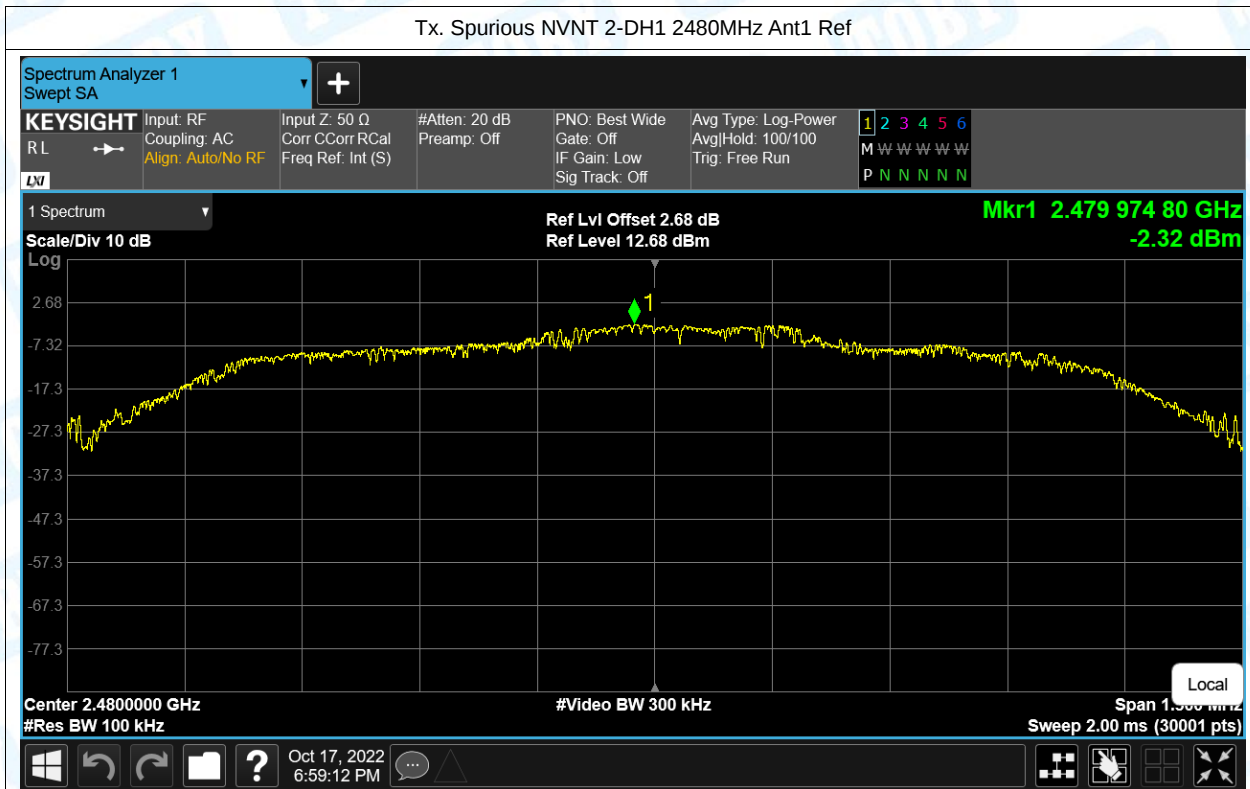
Oct 17, 2022 9:52:50 AM

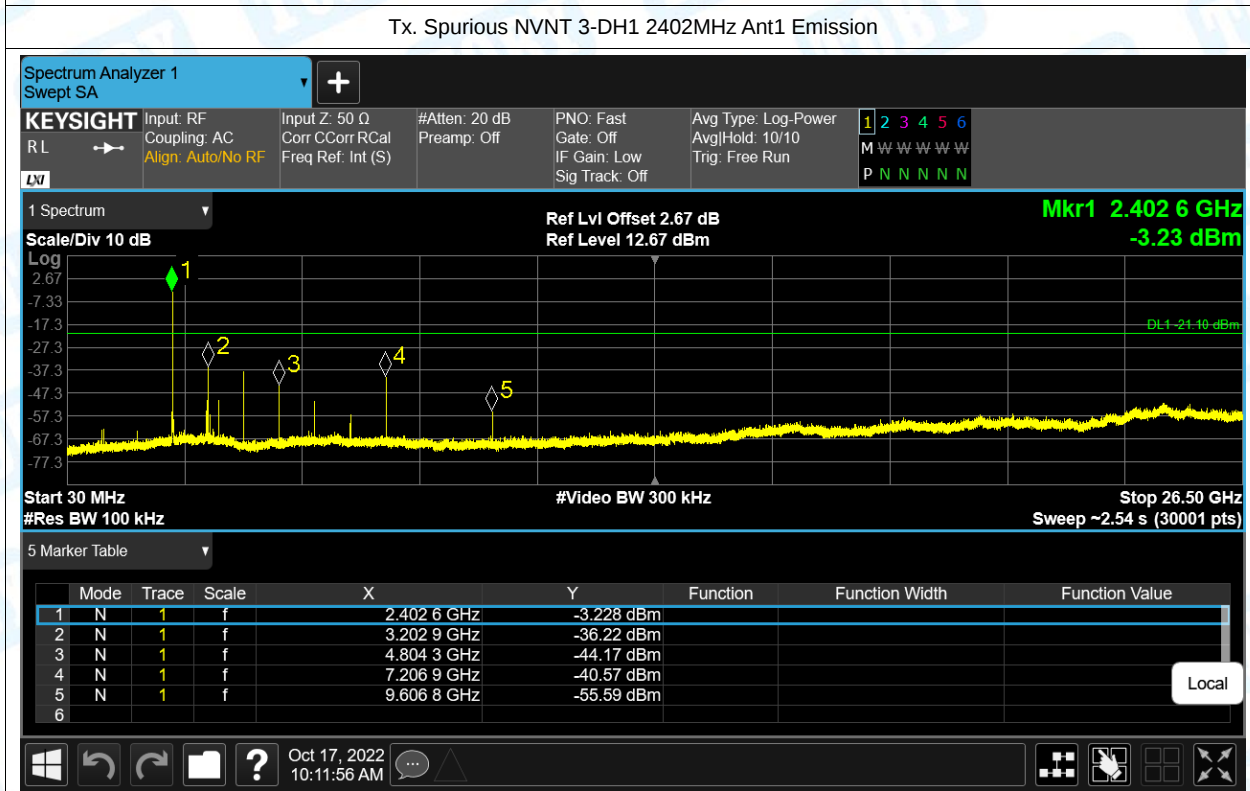
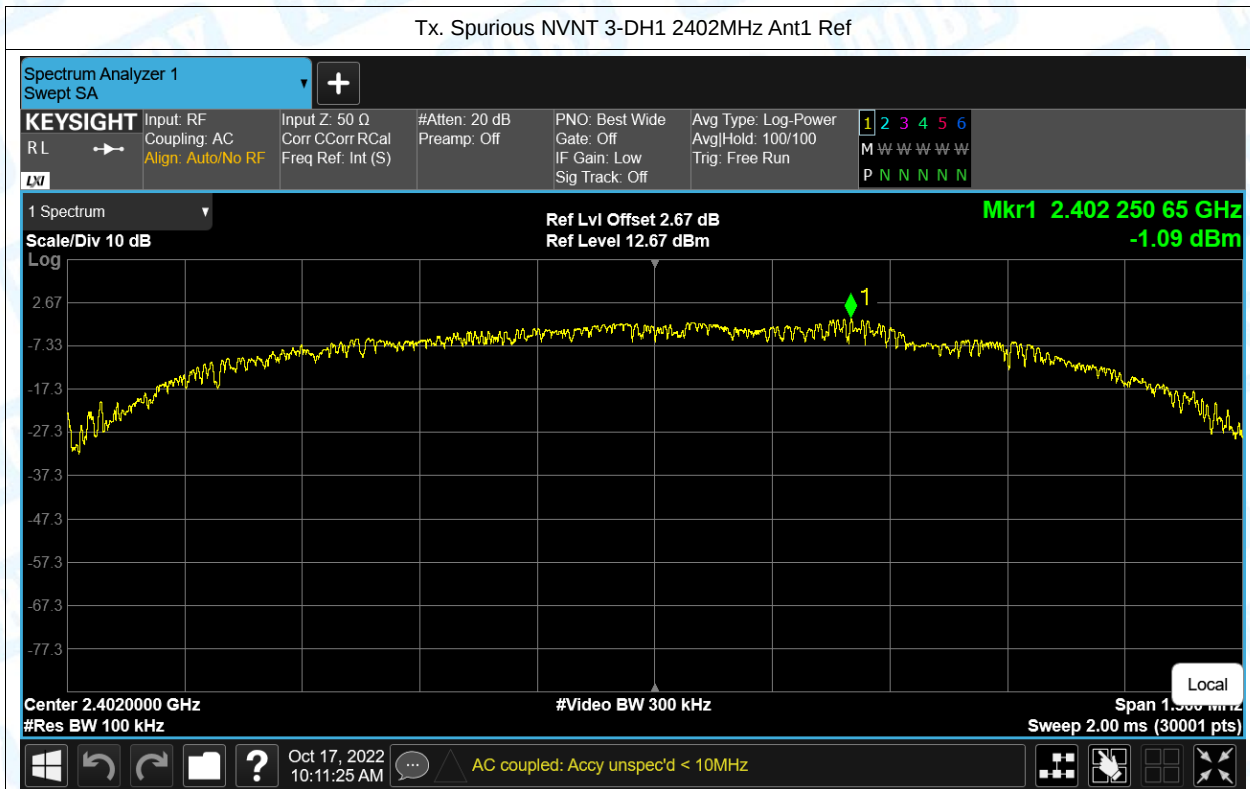


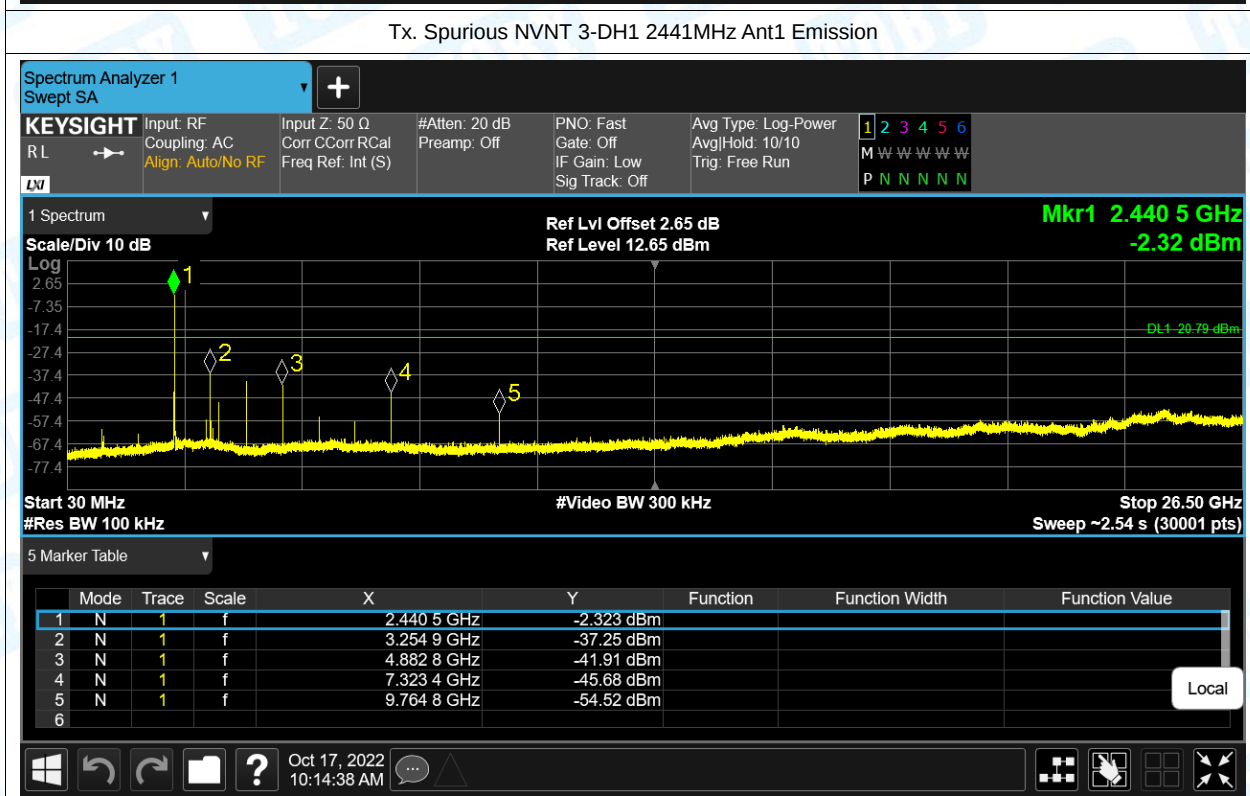
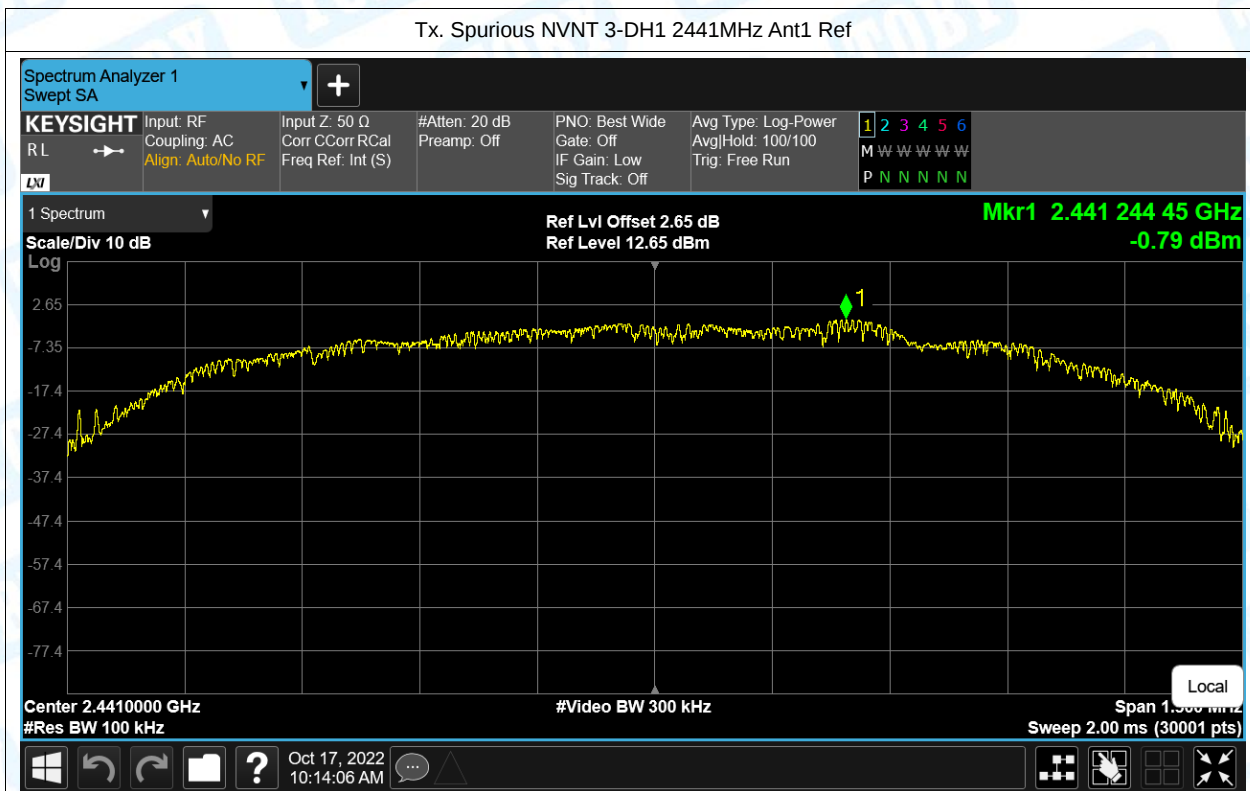


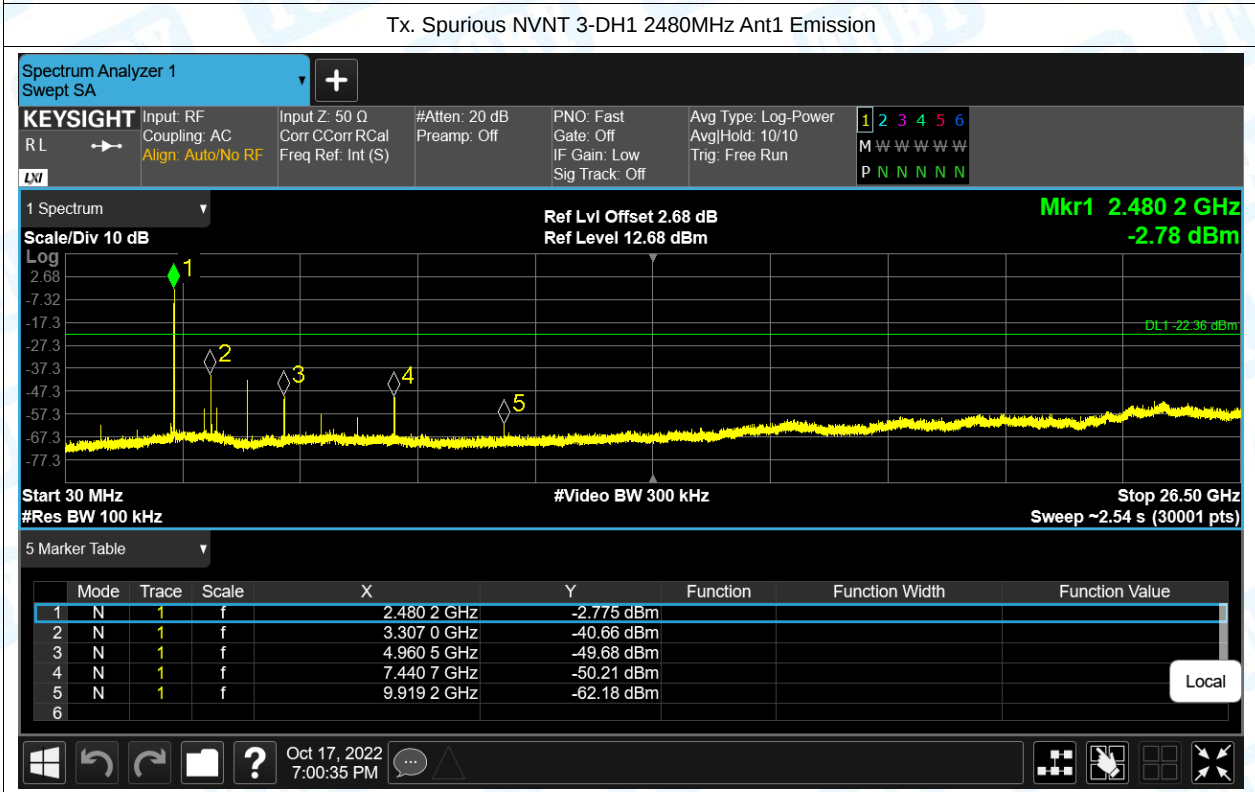
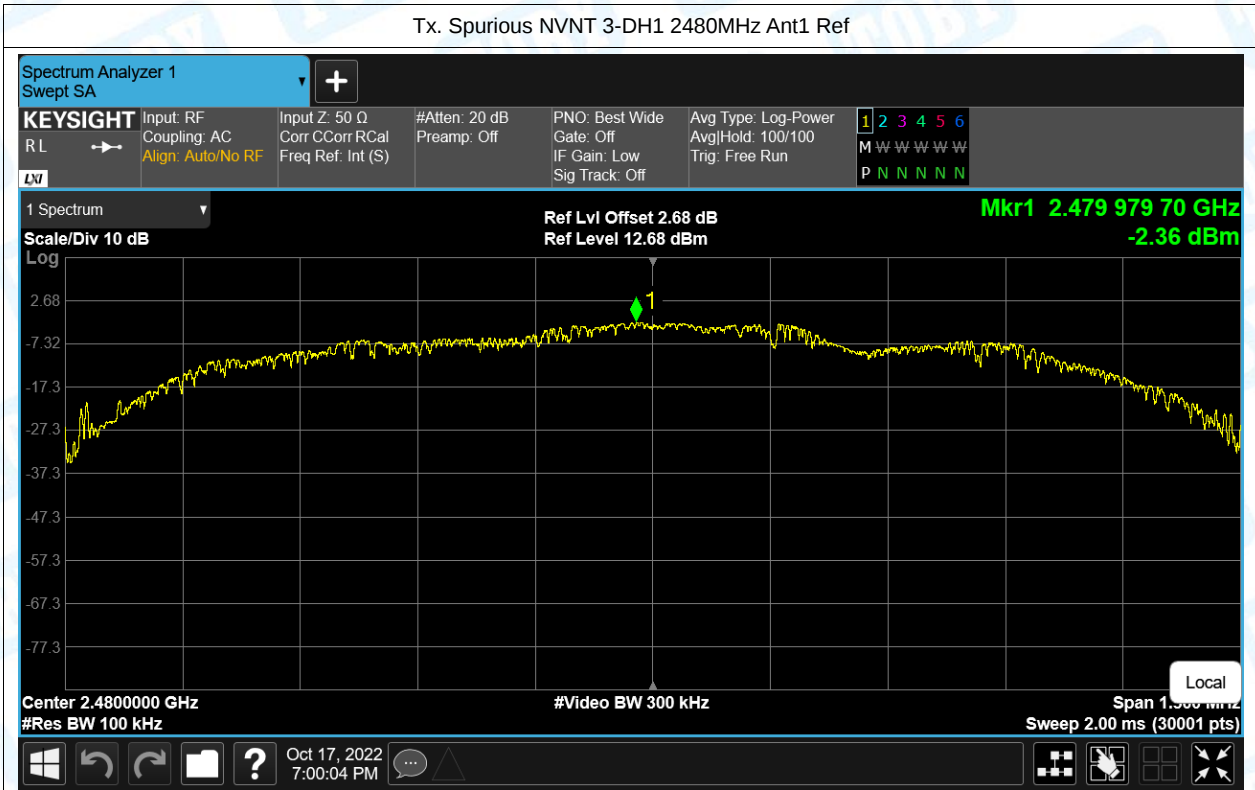










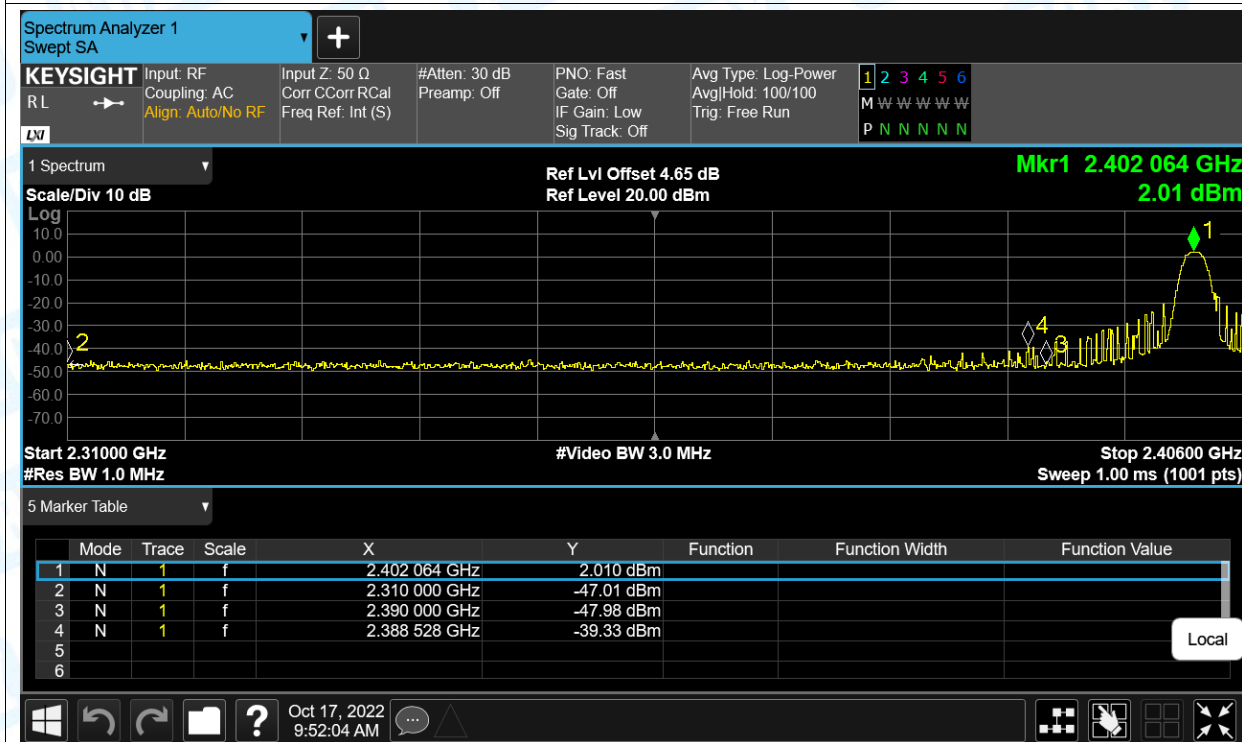


8. Restrict Band

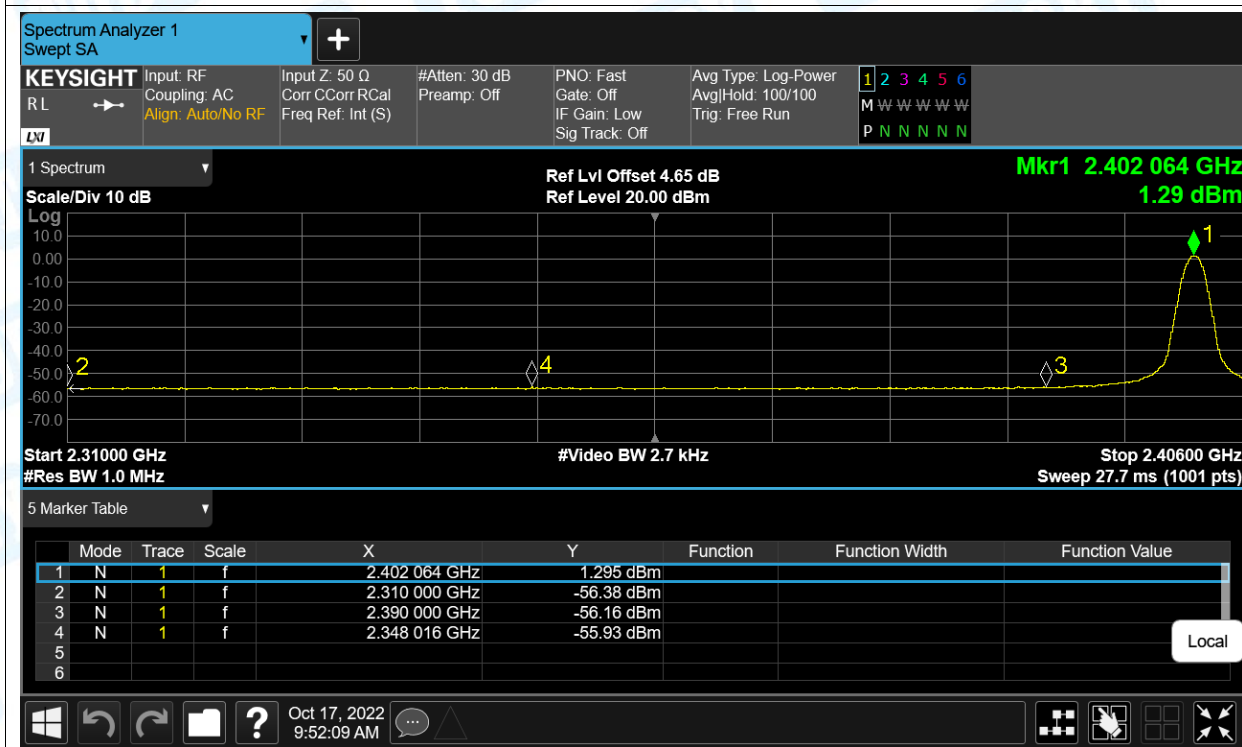
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-47.01	2	50.25	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-56.38	2	40.88	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2388.528	-39.33	2	57.93	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2348.016	-55.93	2	41.33	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-45.81	2	51.45	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-56.13	2	41.13	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-31.32	2	65.94	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-50.69	2	46.57	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.848	-25.34	2	71.92	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.512	-50.69	2	46.57	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-47.12	2	50.14	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-56.42	2	40.84	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-46.13	2	51.13	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-56.78	2	40.48	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2388.144	-39.5	2	57.76	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2389.968	-56.01	2	41.25	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-45.35	2	51.91	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-56.31	2	40.95	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-24.51	2	72.75	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-51.74	2	45.52	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2484.256	-23.46	2	73.8	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.56	-51.61	2	45.65	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-45.57	2	51.69	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-56.43	2	40.83	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-49.1	2	48.16	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-56.63	2	40.63	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2386.608	-39.21	2	58.05	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2388.528	-55.78	2	41.48	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-37.42	2	59.84	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-56.2	2	41.06	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-24.61	2	72.65	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-51.92	2	45.34	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2484.616	-24.1	2	73.16	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.56	-51.83	2	45.43	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-47.32	2	49.94	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-56.27	2	40.99	Average	54	Pass

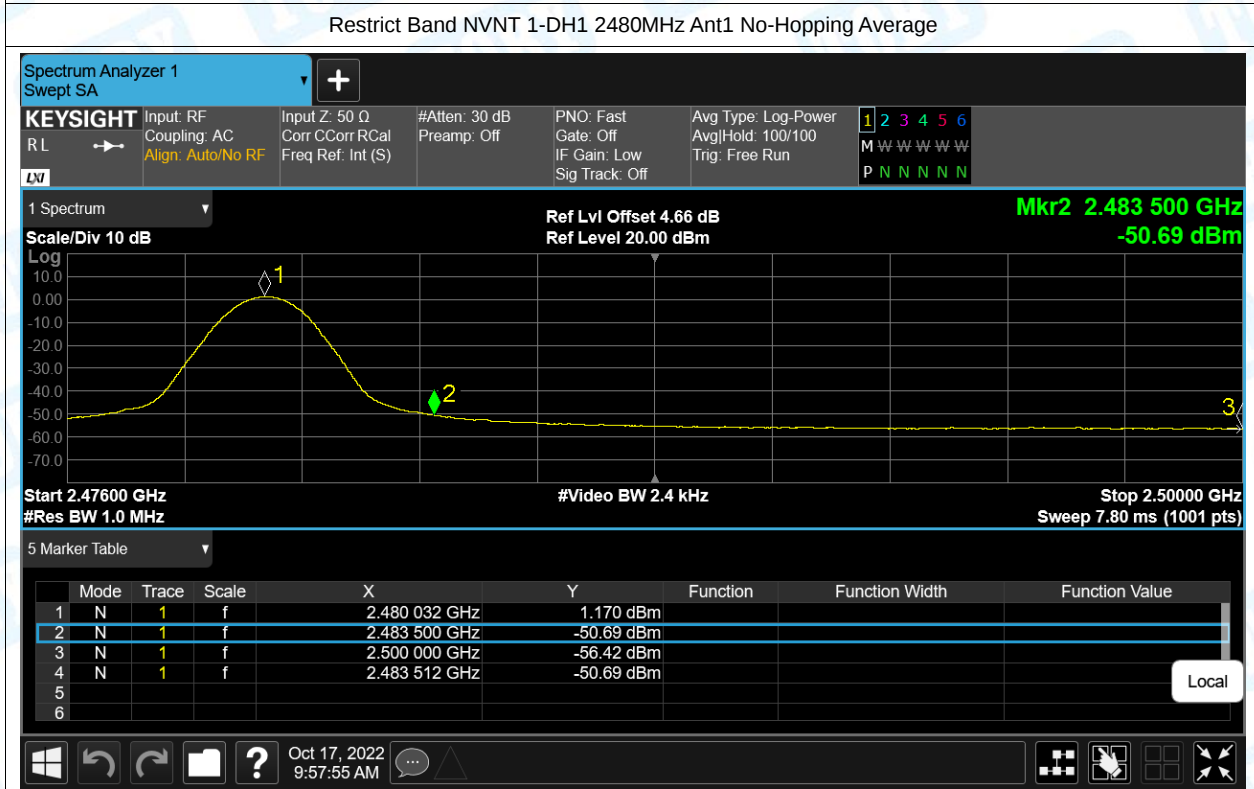
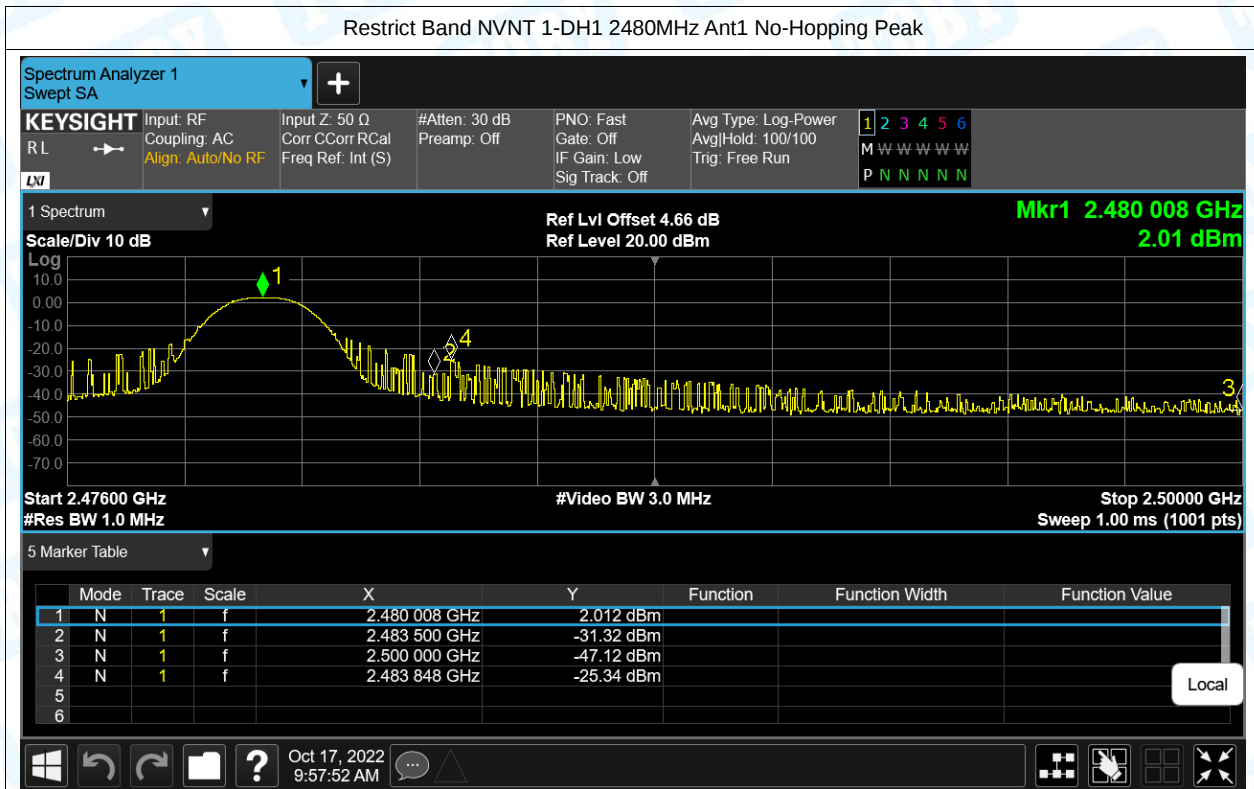
Test Graphs

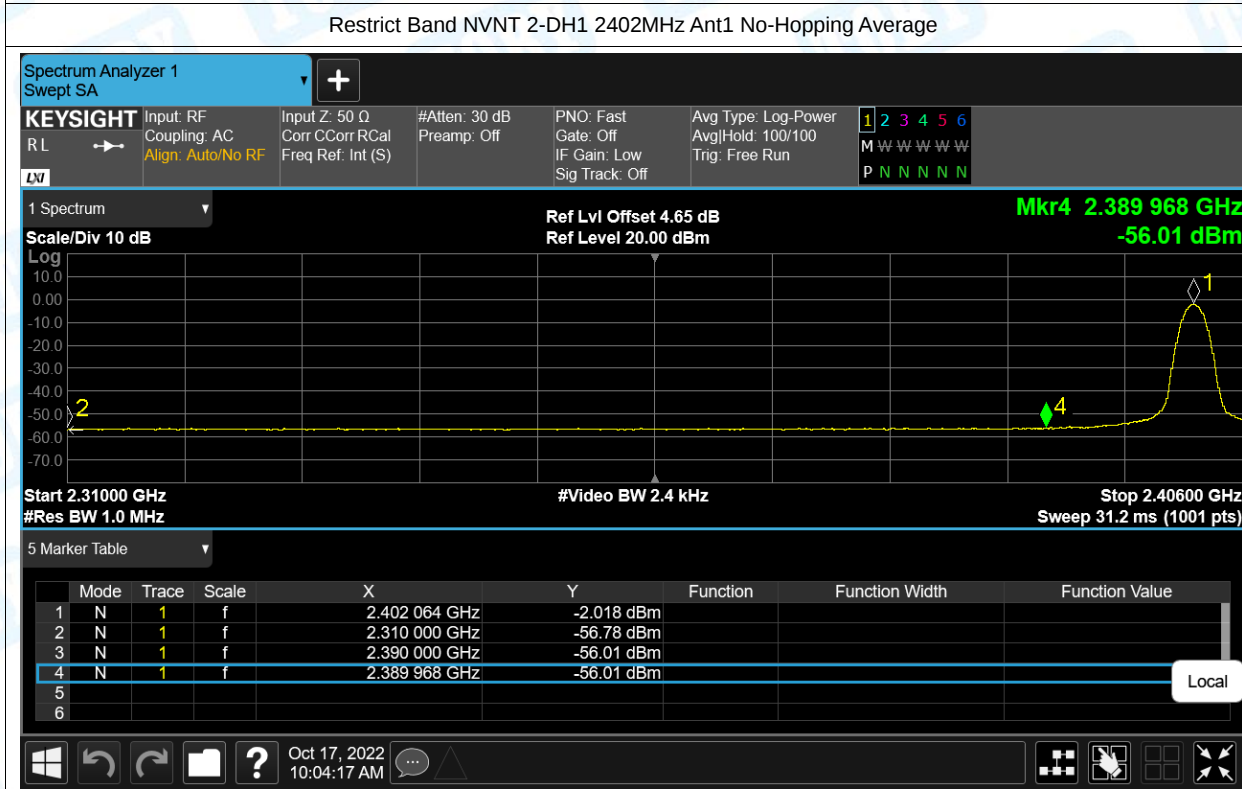
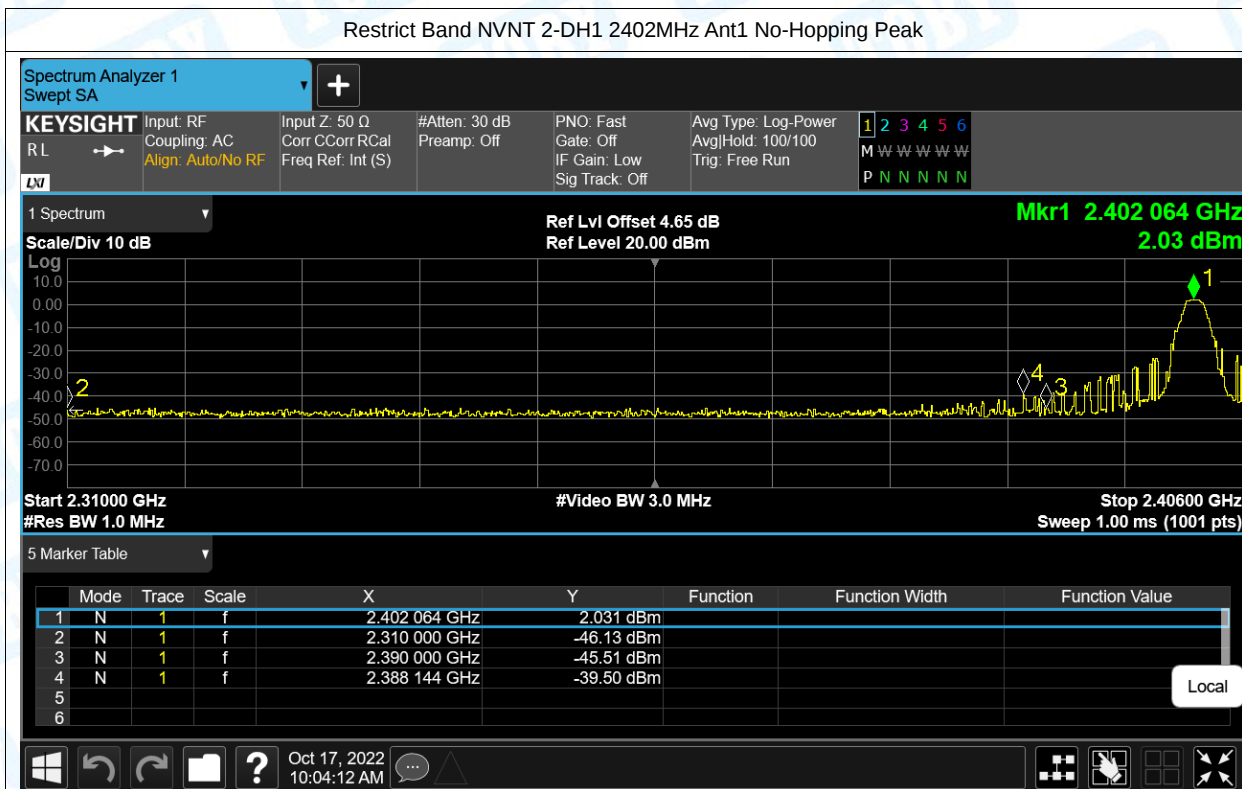
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



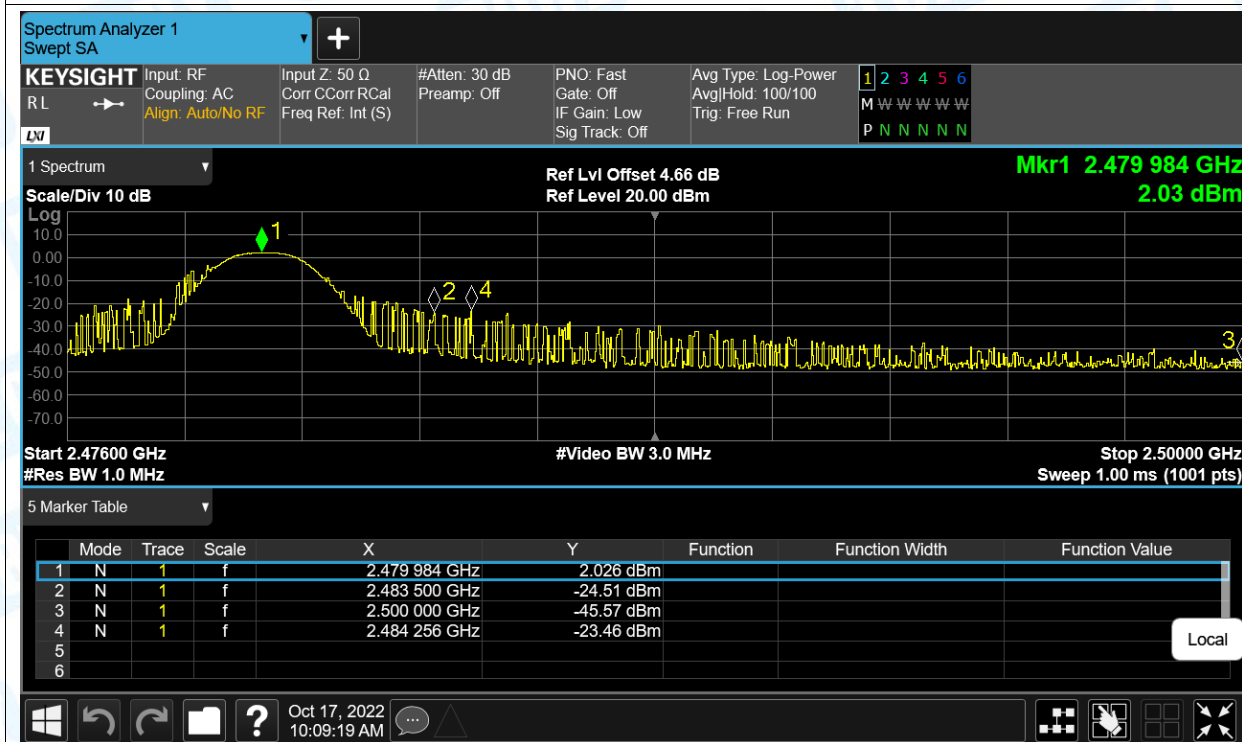
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



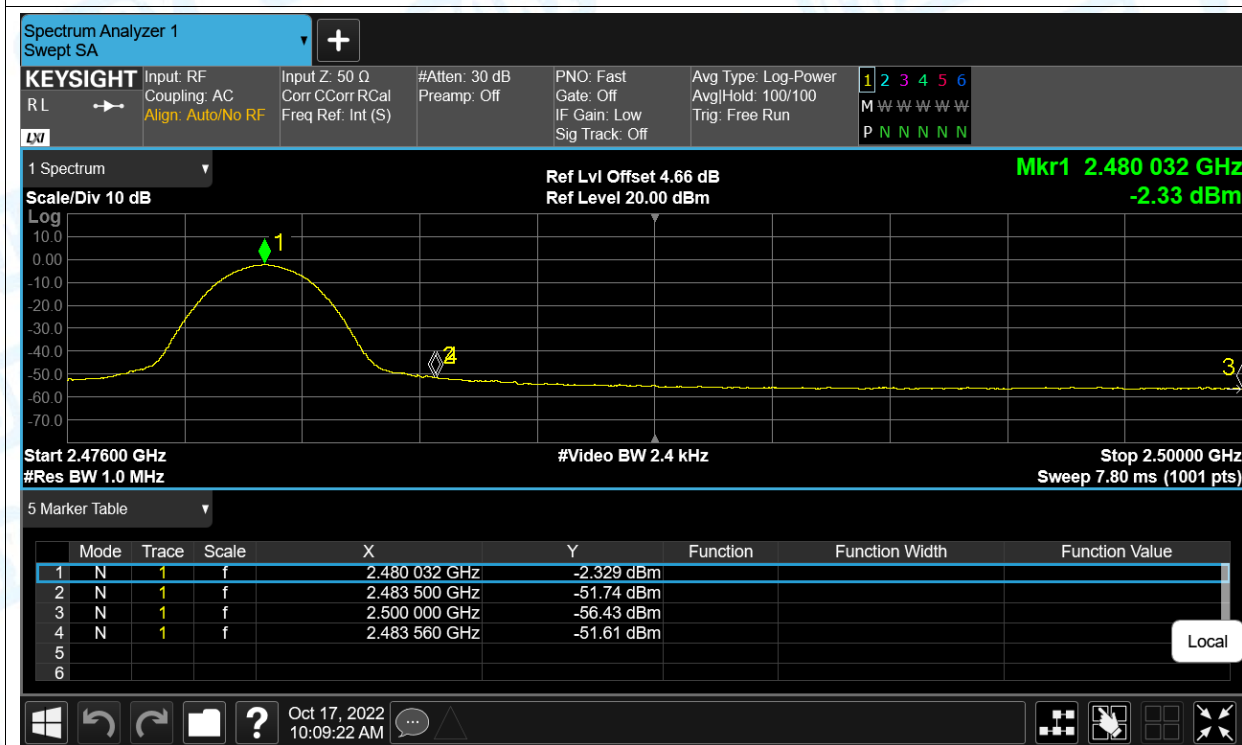


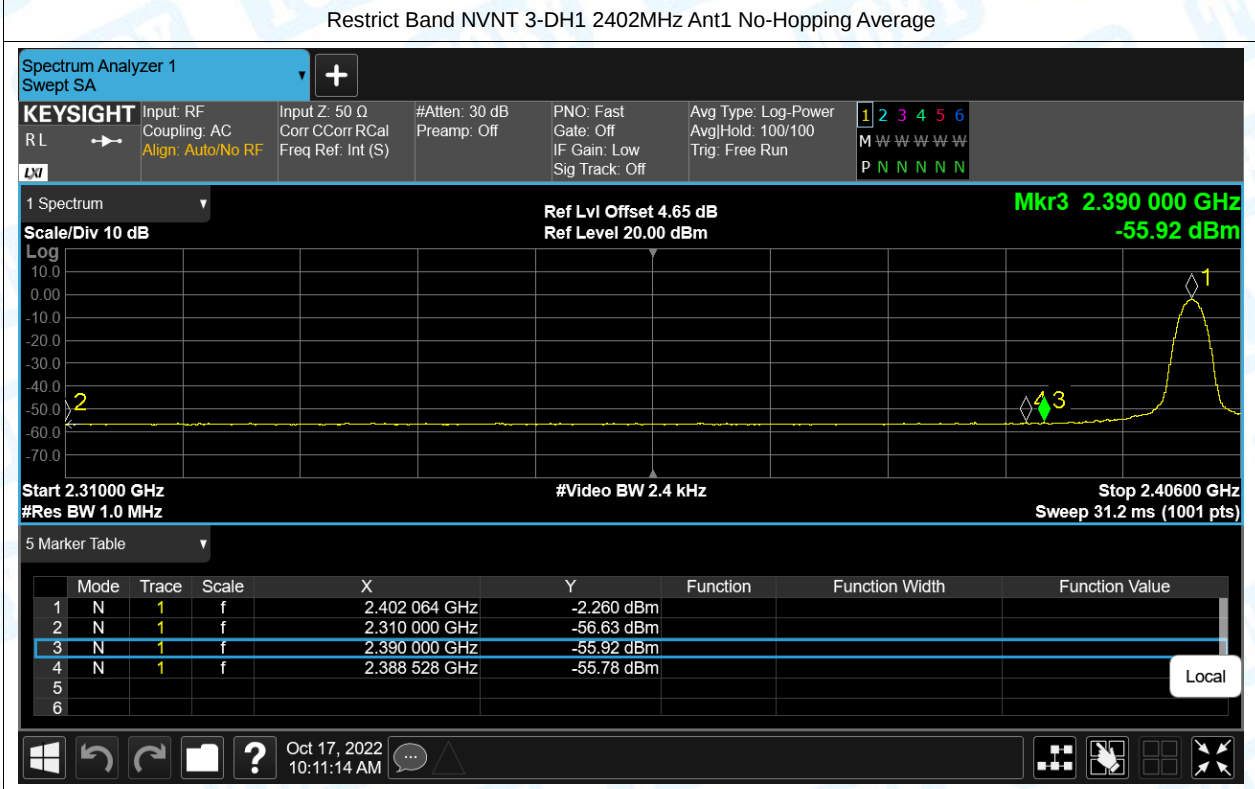
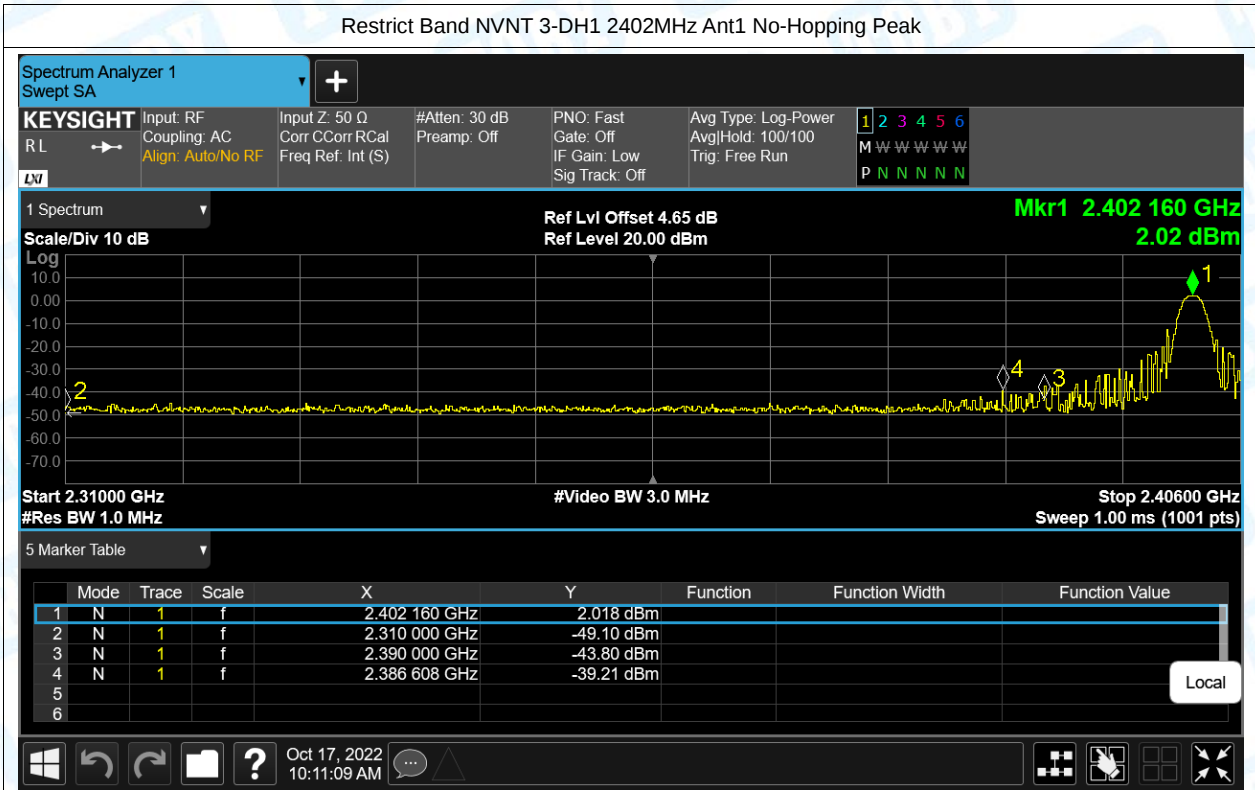


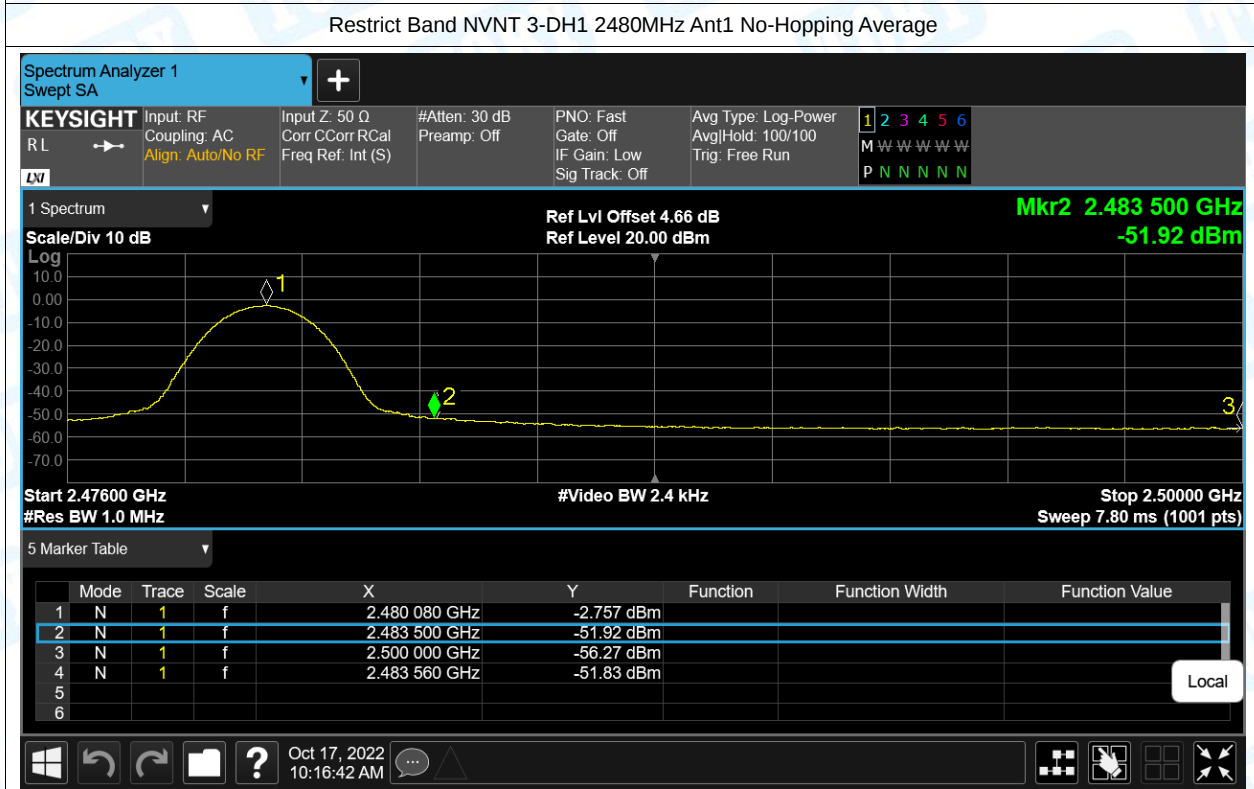
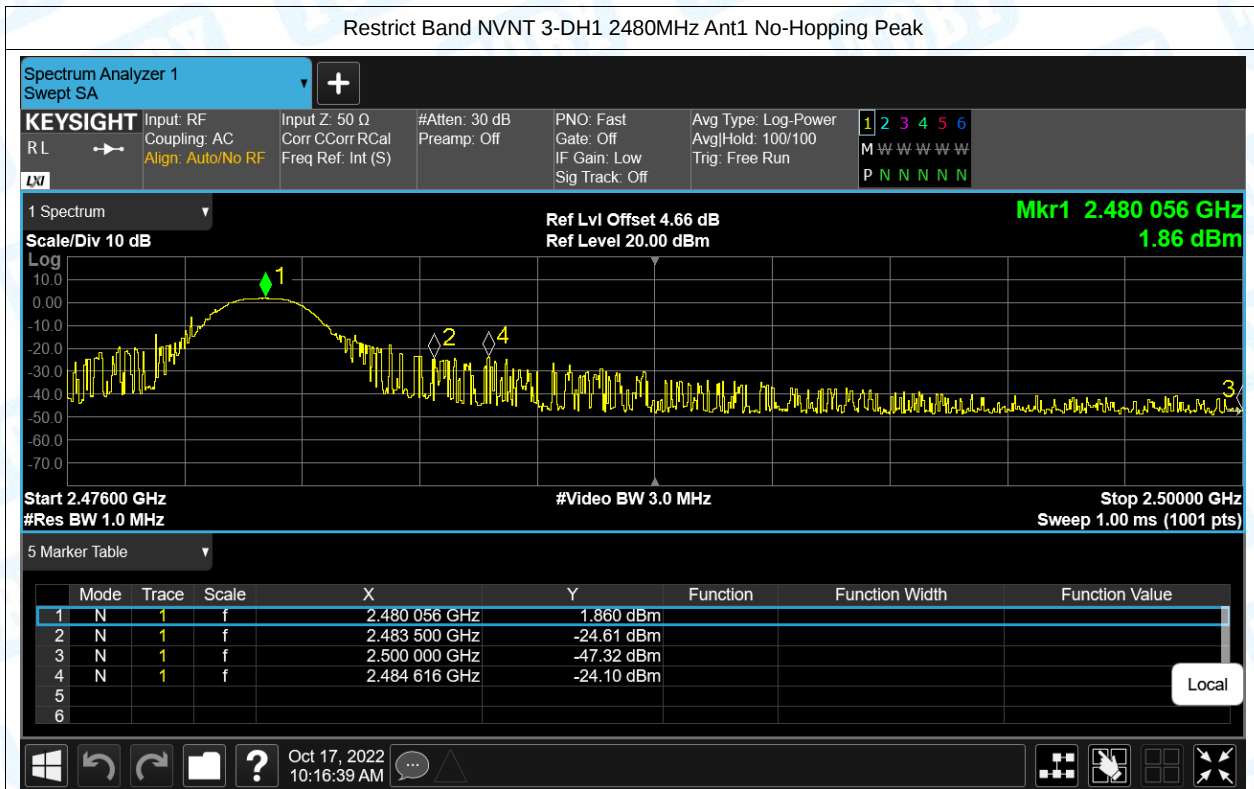
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



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

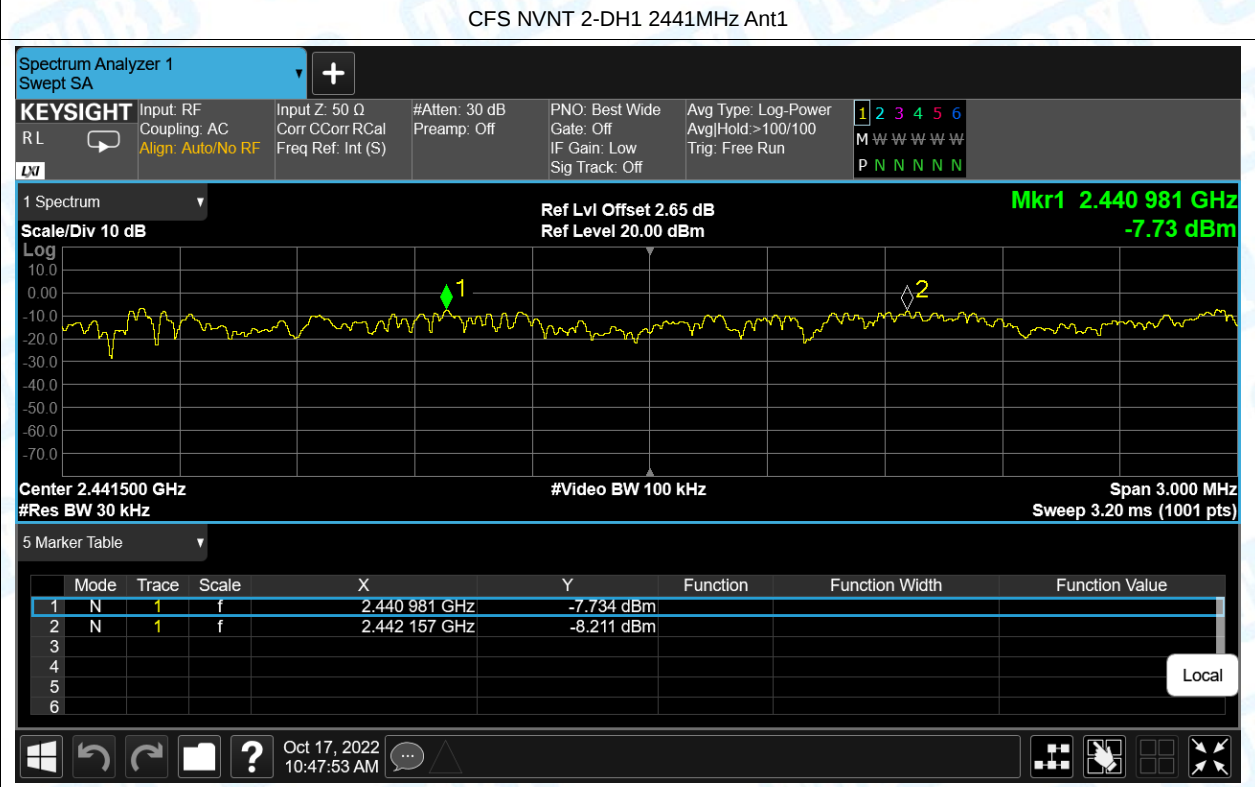
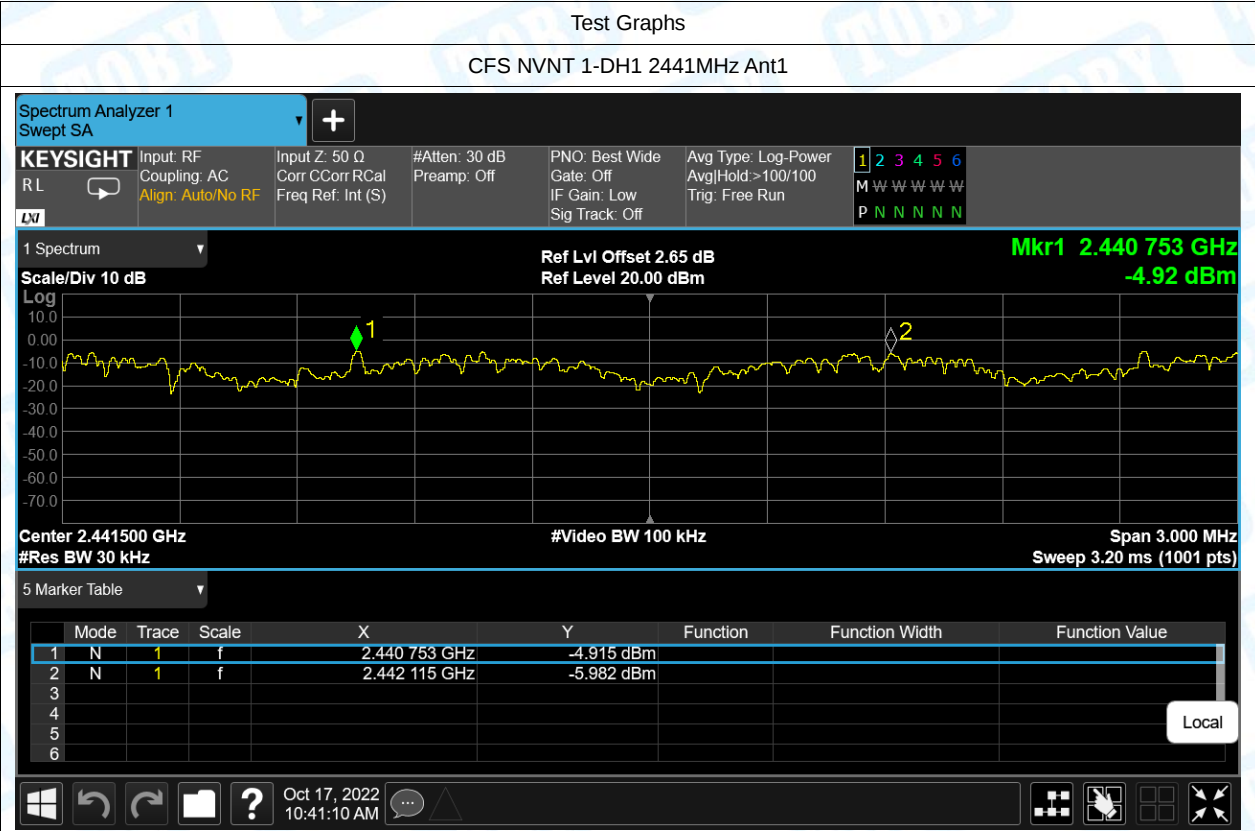


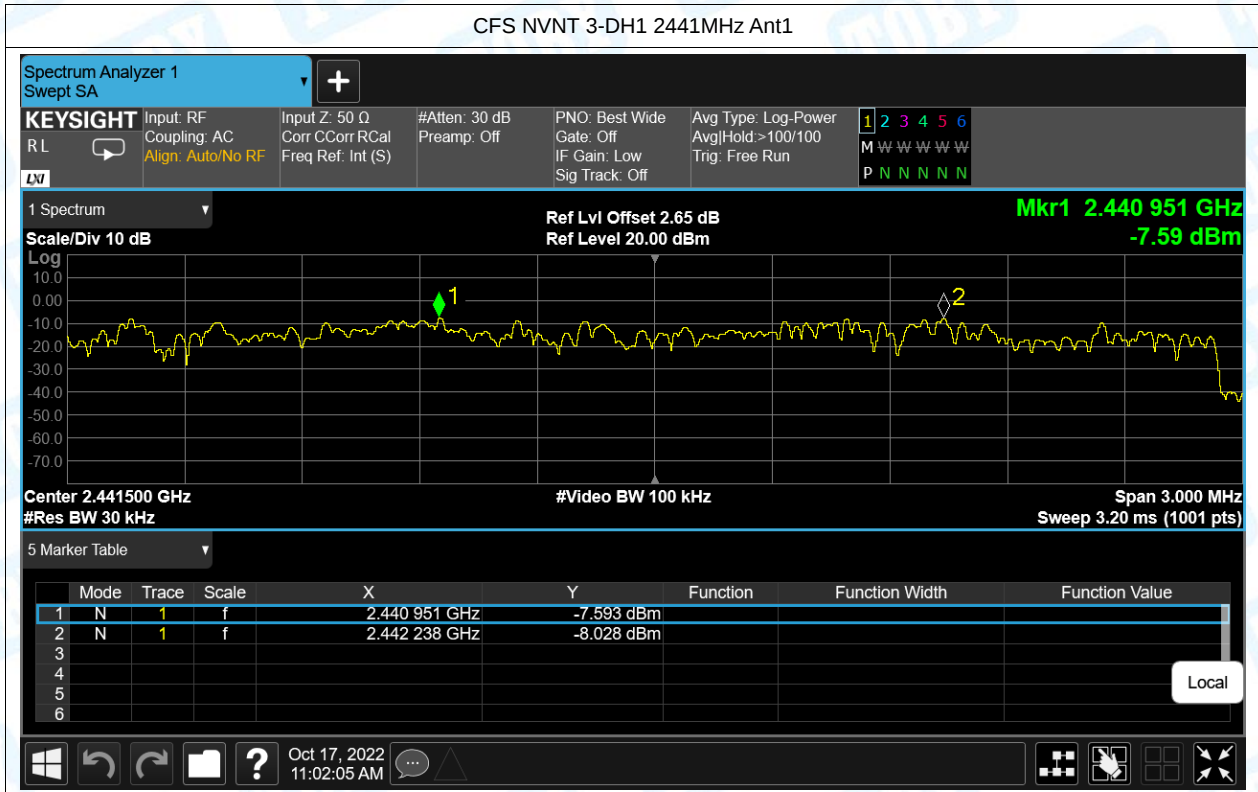




9. Carrier Frequencies Separation

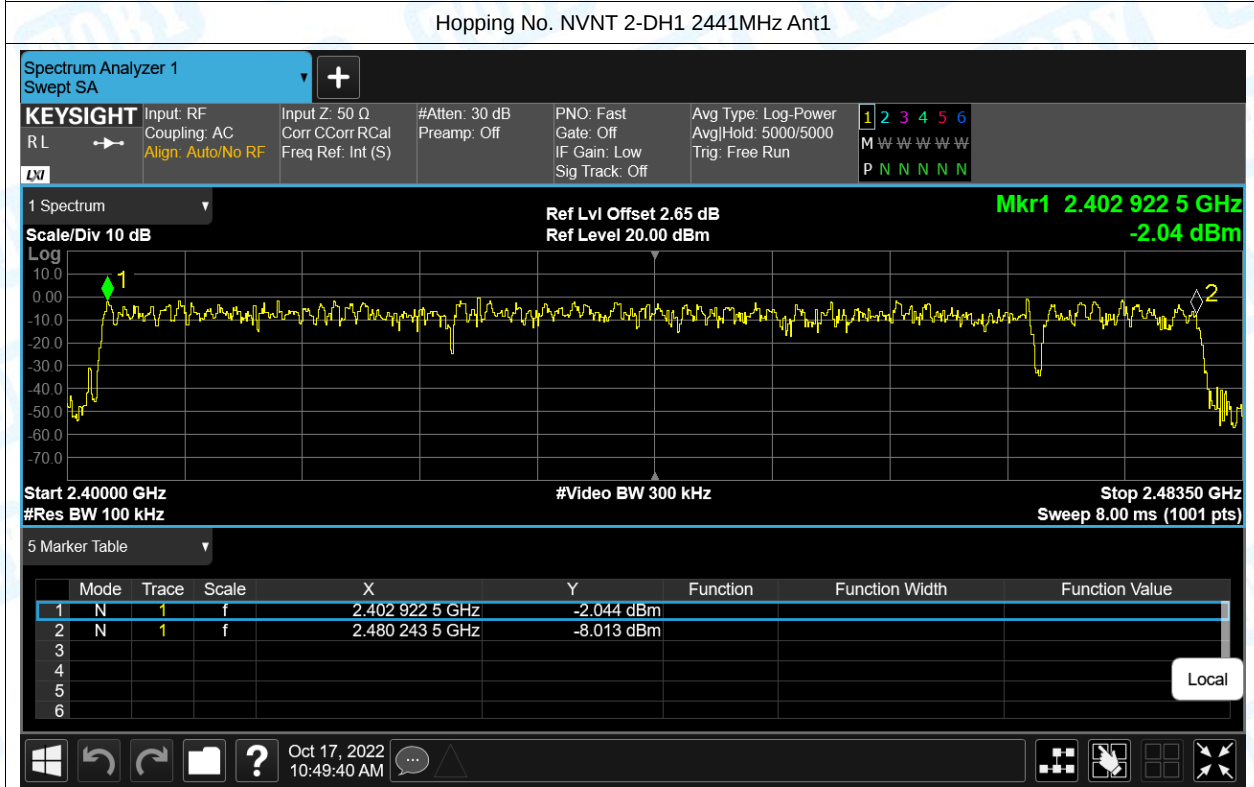
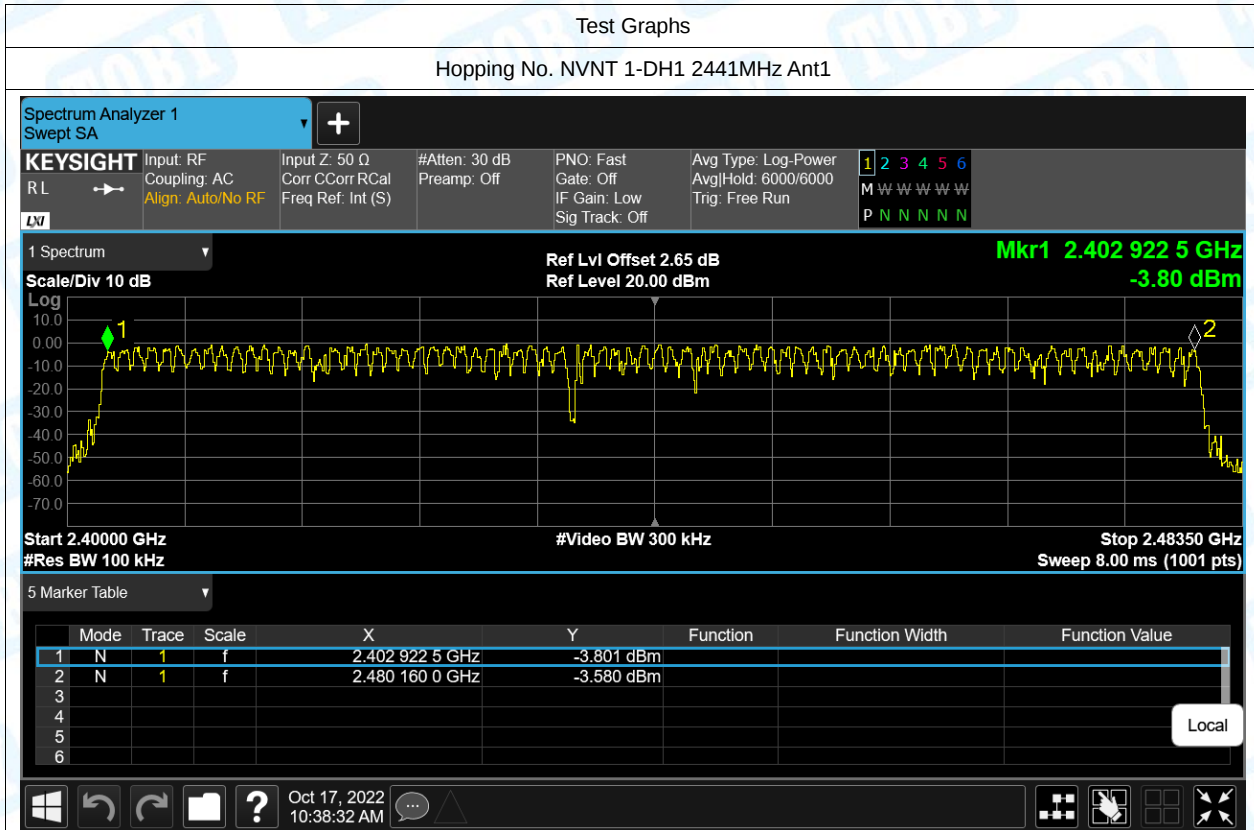
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2440.753	2442.115	1.362	0.800	Pass
NVNT	2-DH1	Ant1	2440.981	2442.157	1.176	0.887	Pass
NVNT	3-DH1	Ant1	2440.951	2442.238	1.287	0.893	Pass

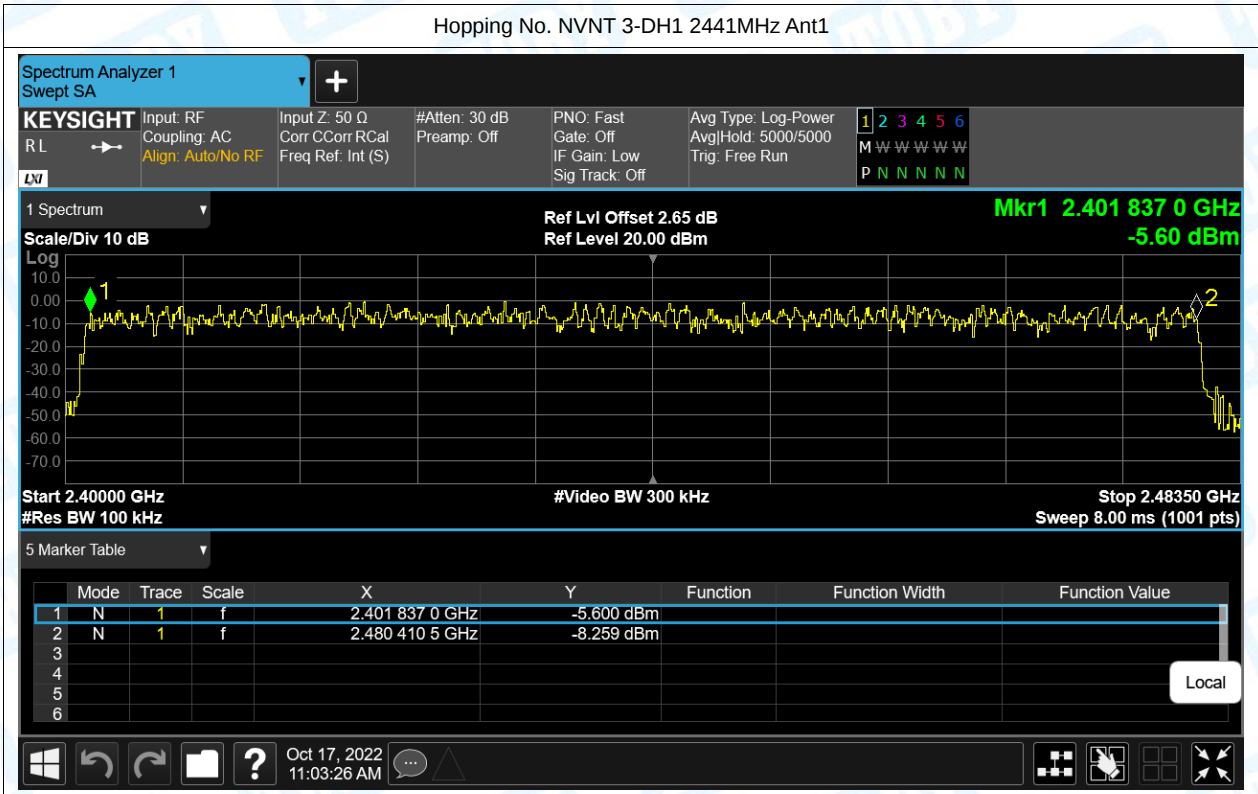




10. Number of Hopping Channel

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



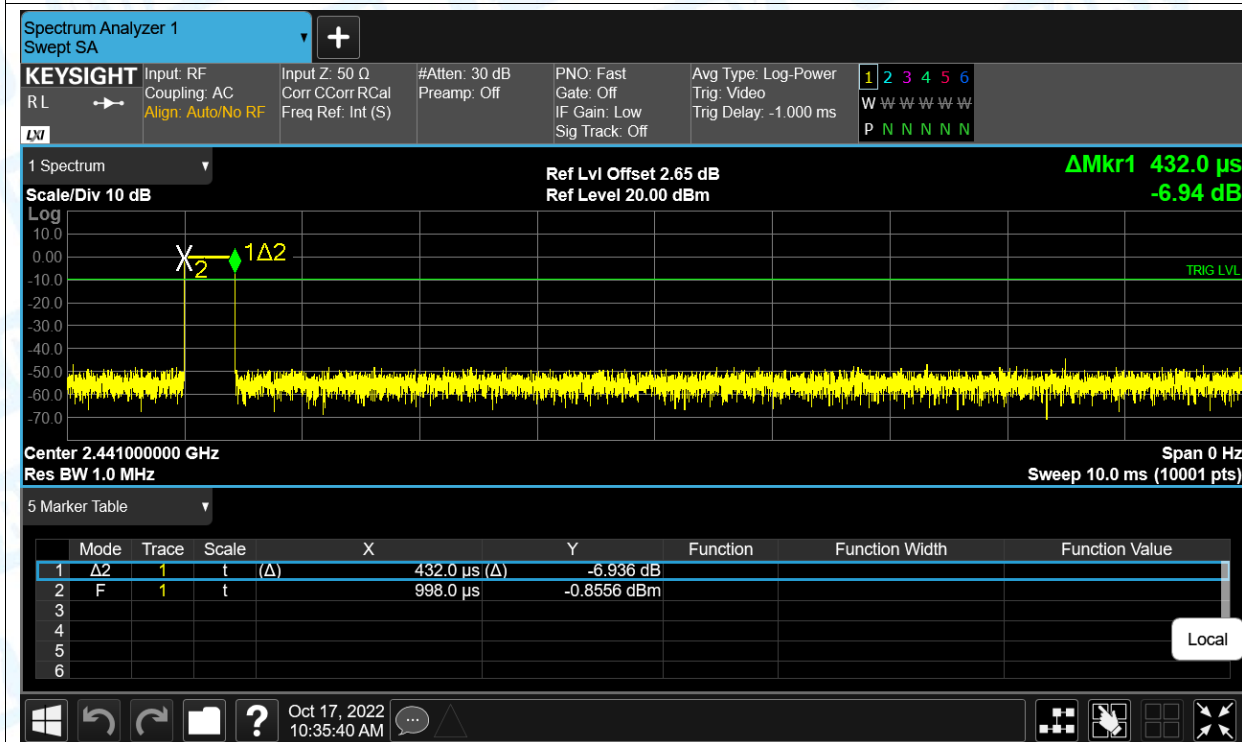


11. Dwell Time

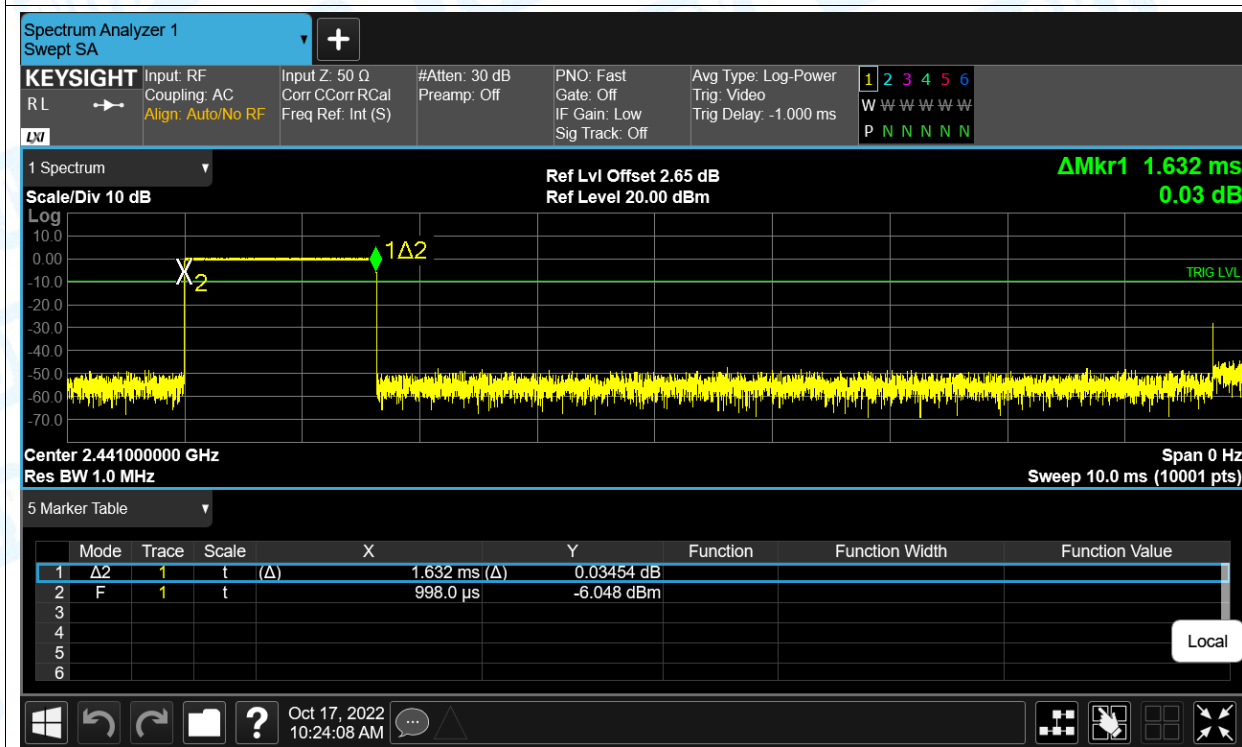
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.432	138.24	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.632	261.12	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.832	302.08	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.492	157.44	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.685	269.6	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.89	308.267	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.418	133.76	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.67	267.2	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.764	294.827	31600	400	Pass

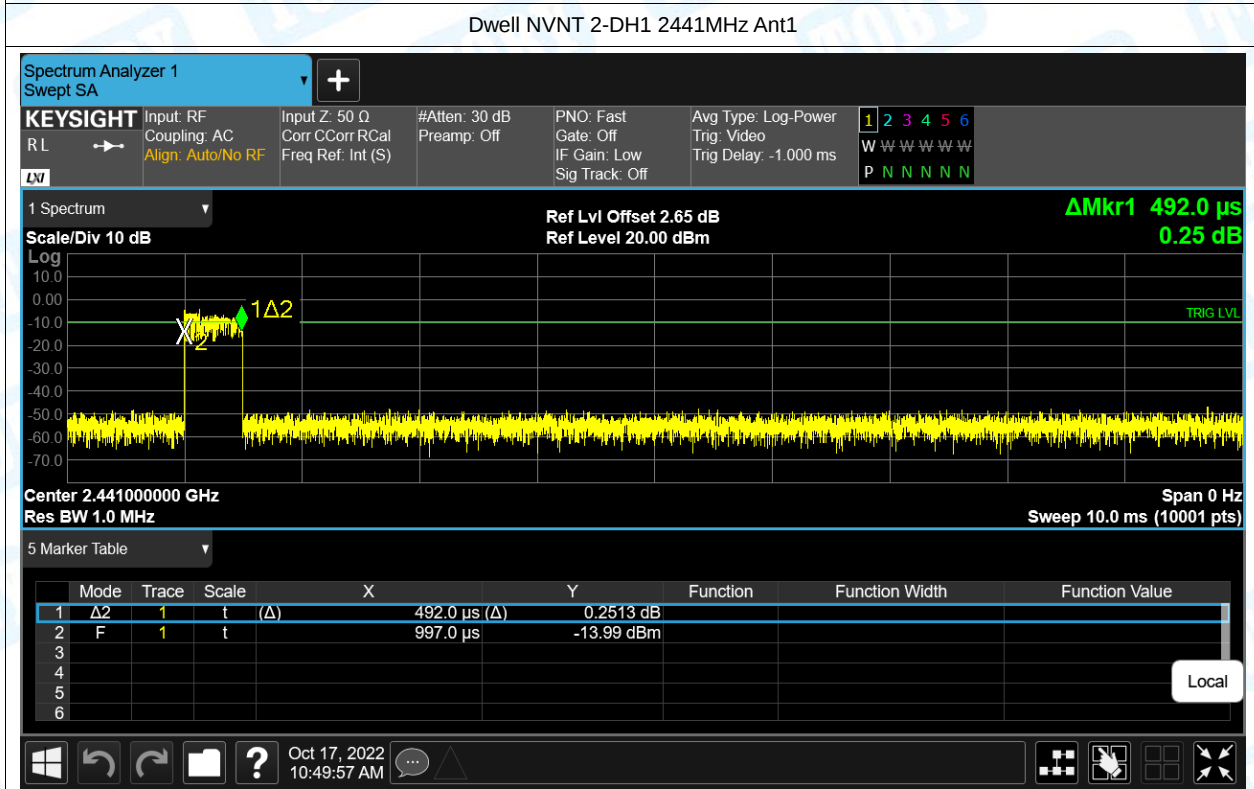
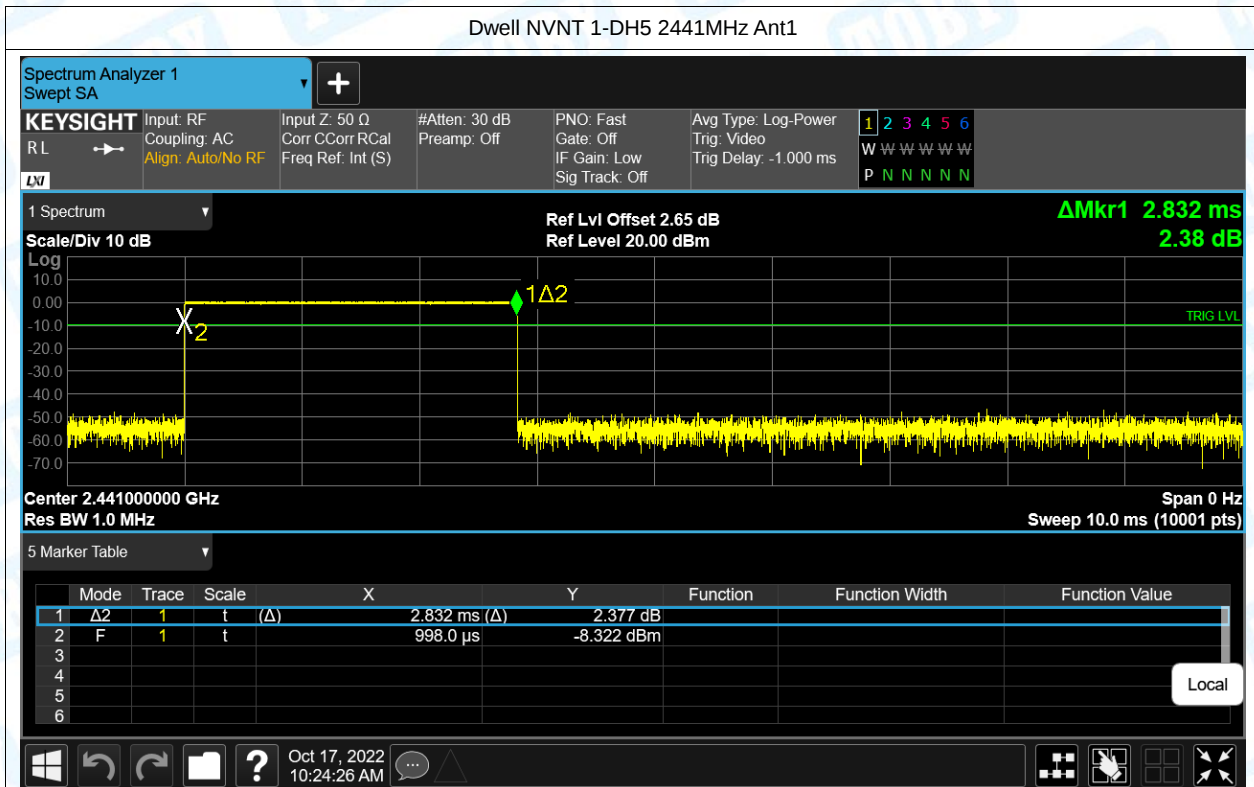
Test Graphs

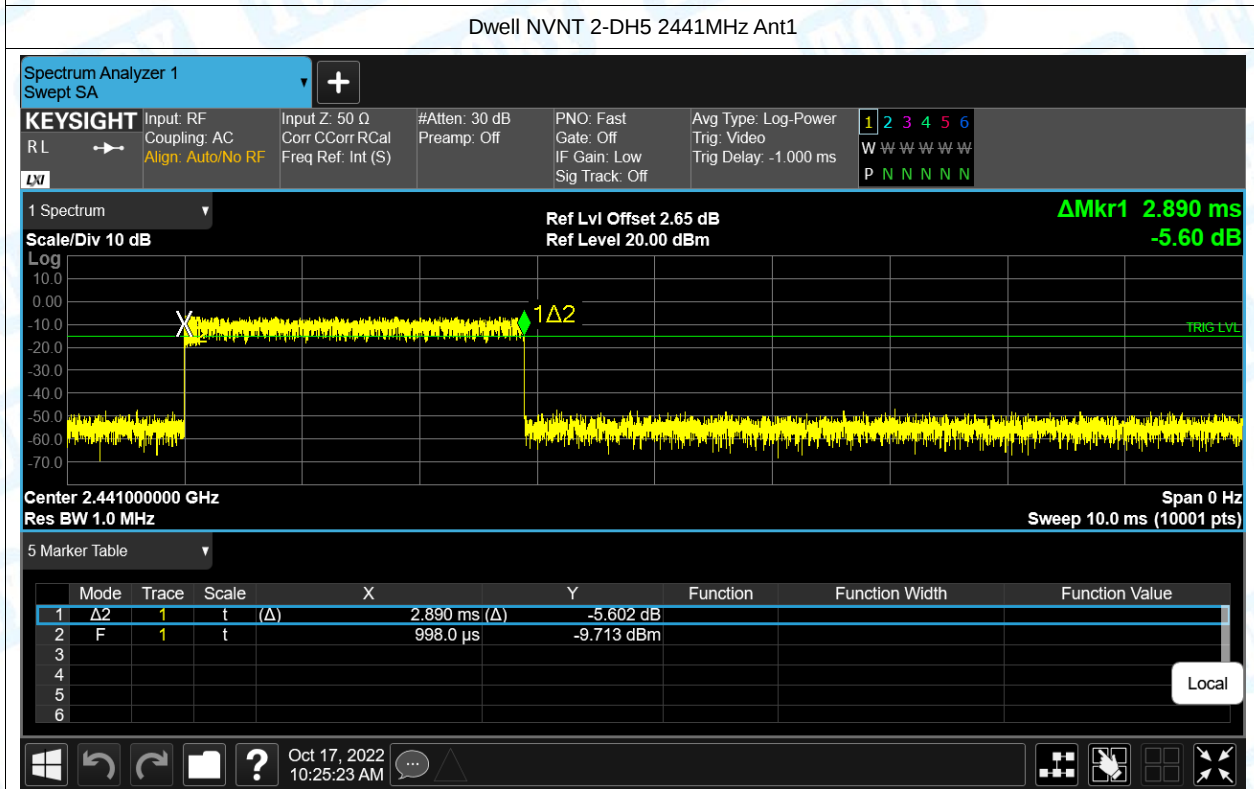
Dwell NVNT 1-DH1 2441MHz Ant1

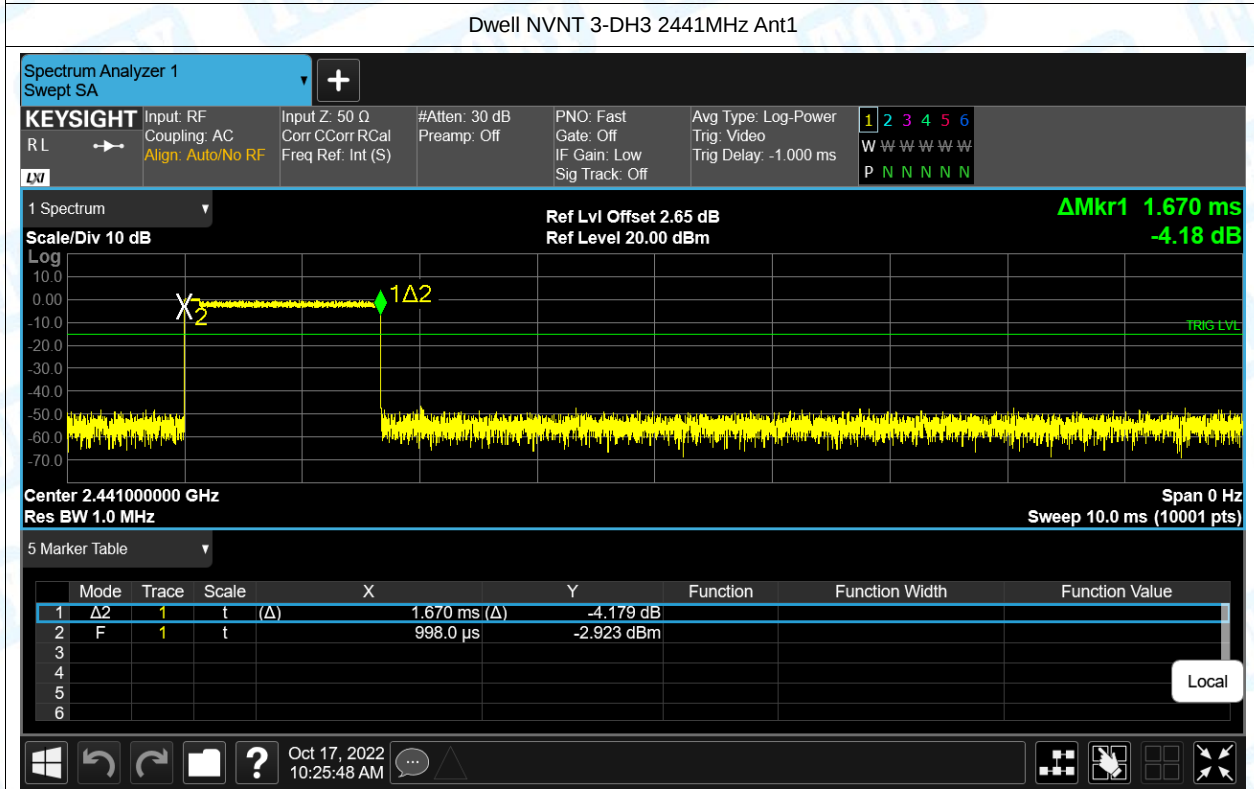
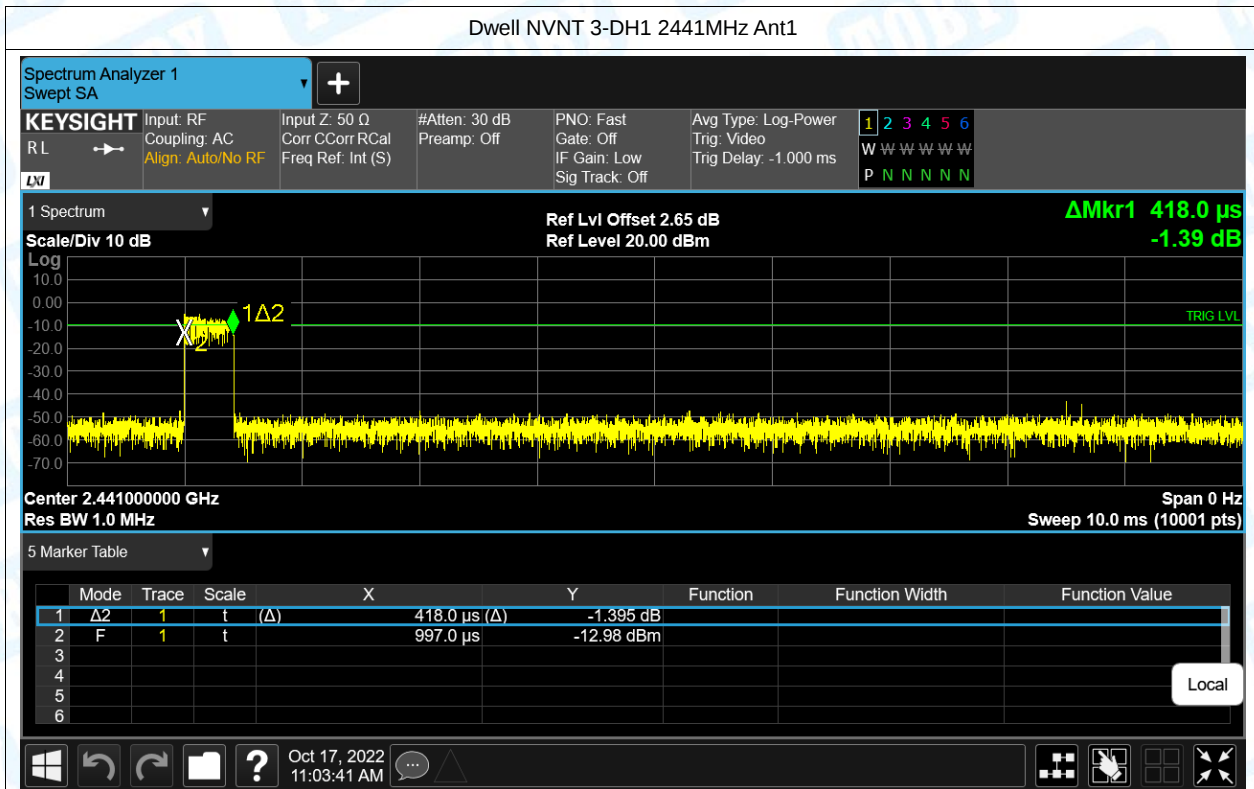


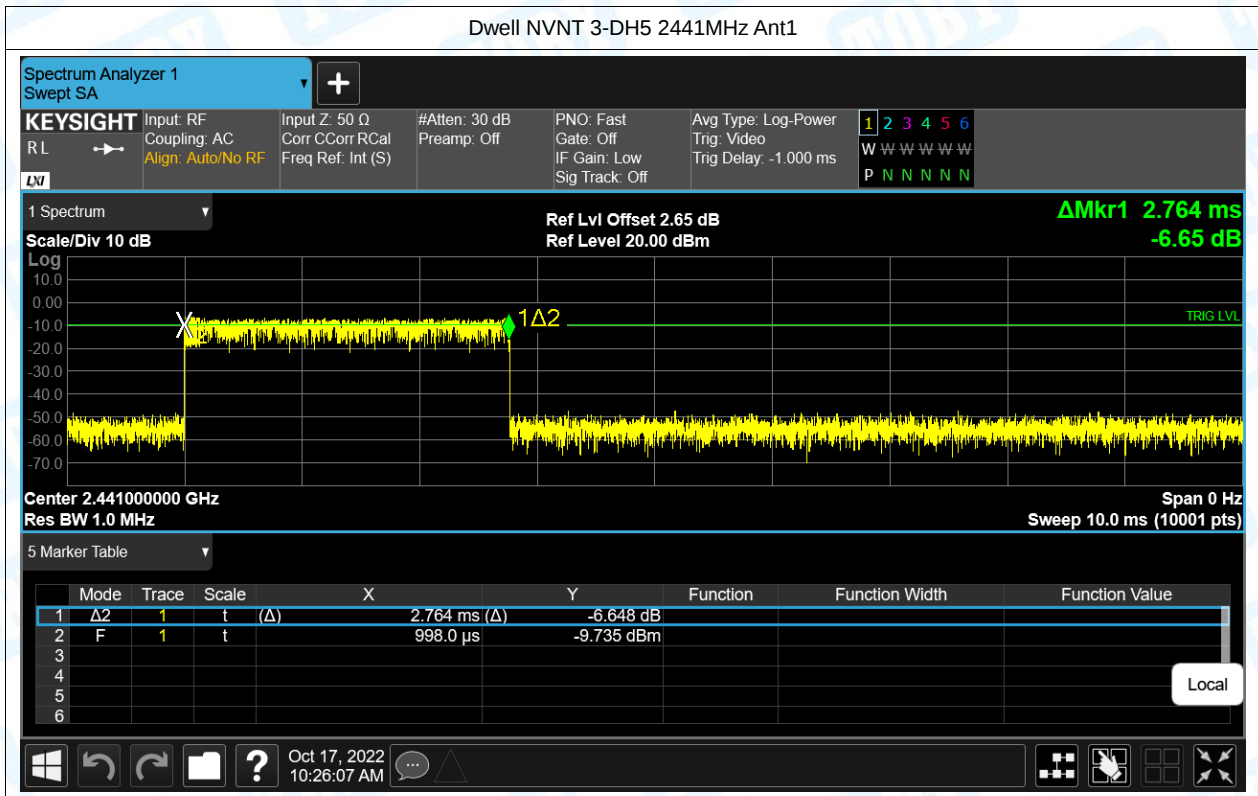
Dwell NVNT 1-DH3 2441MHz Ant1











-----END OF THE REPORT-----