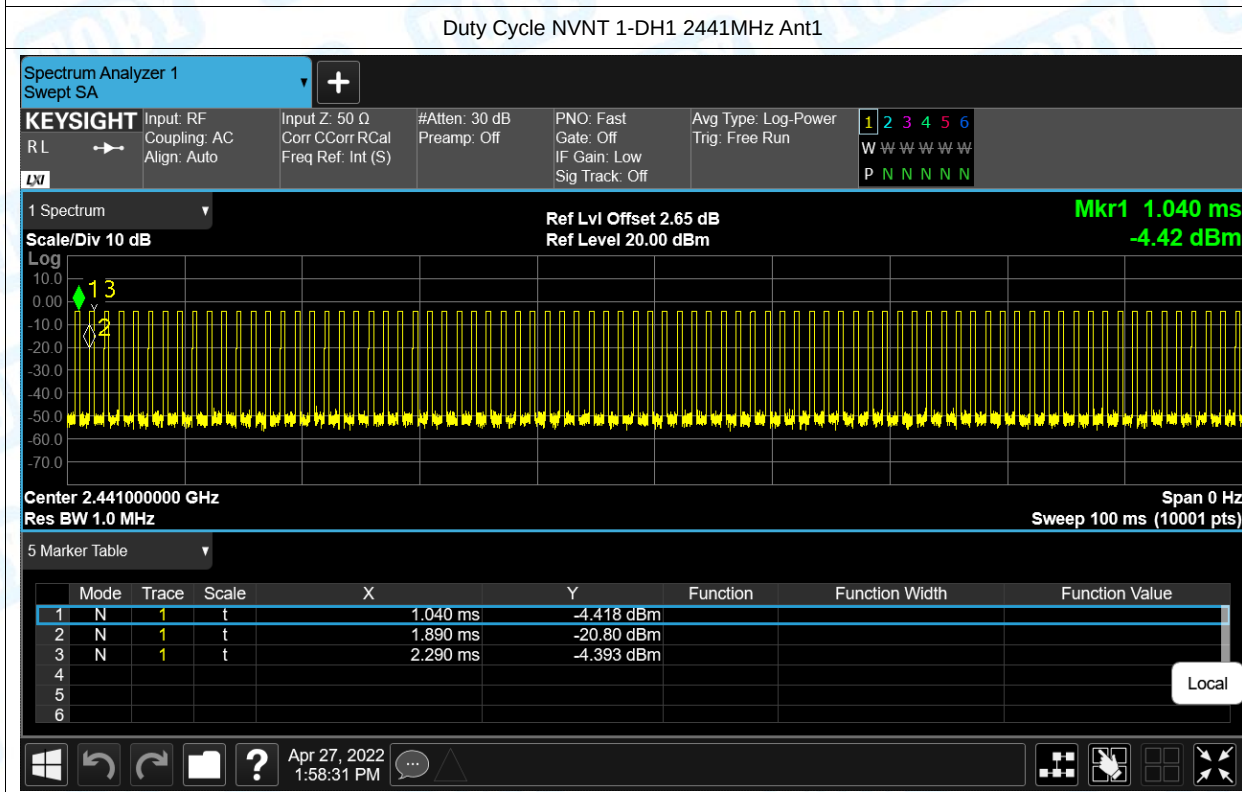
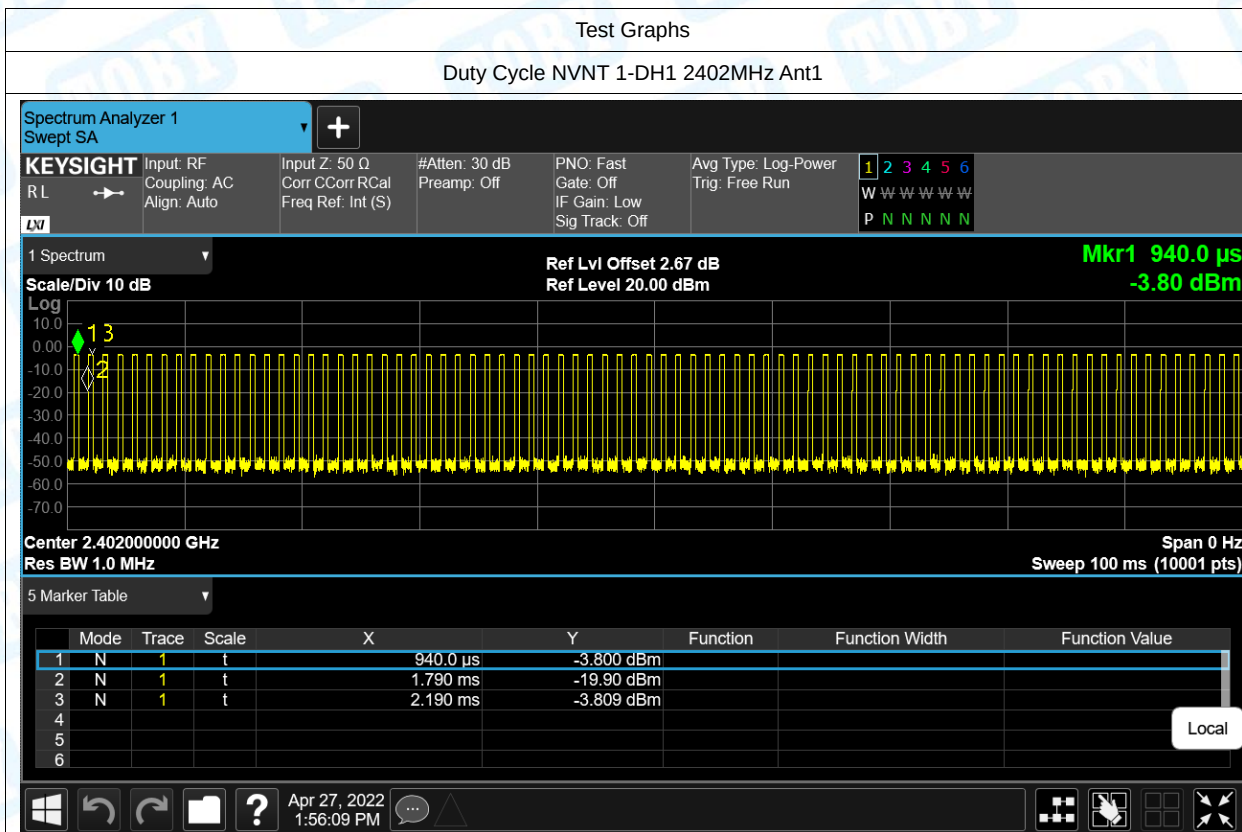


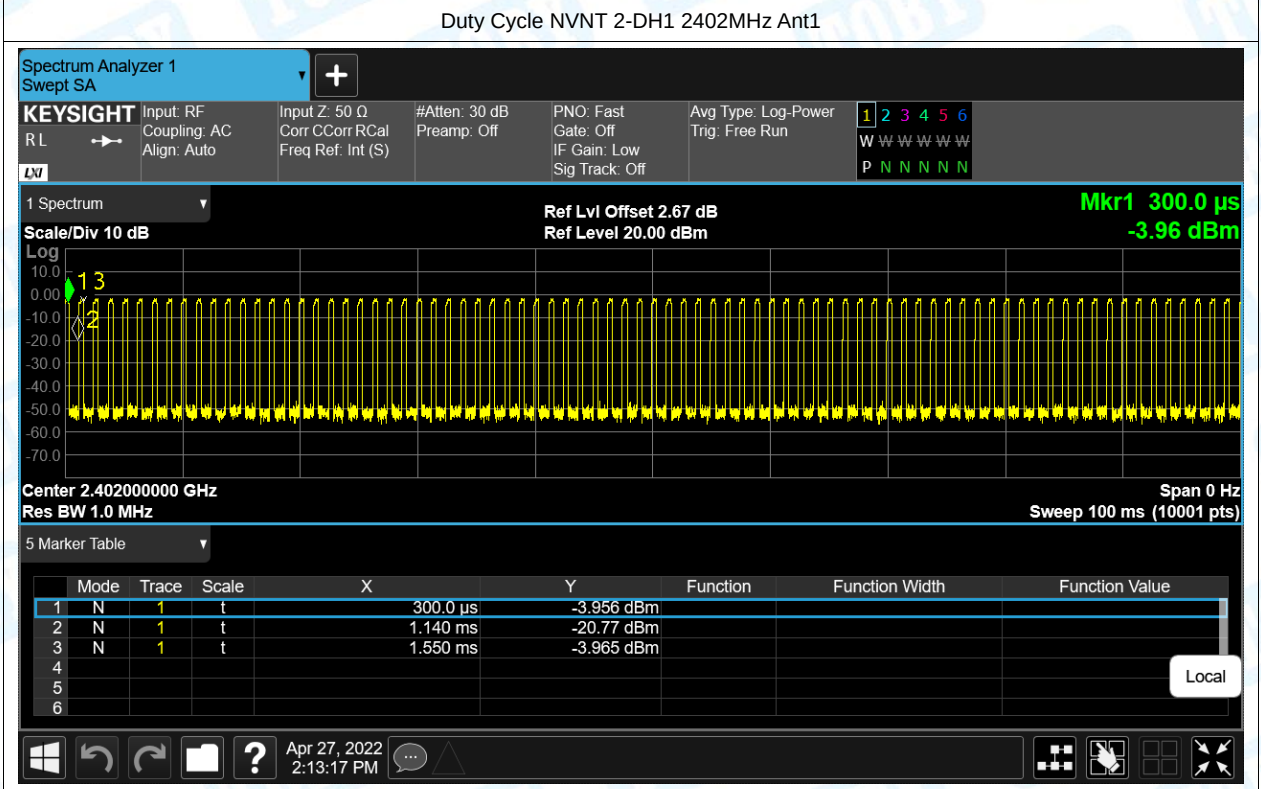
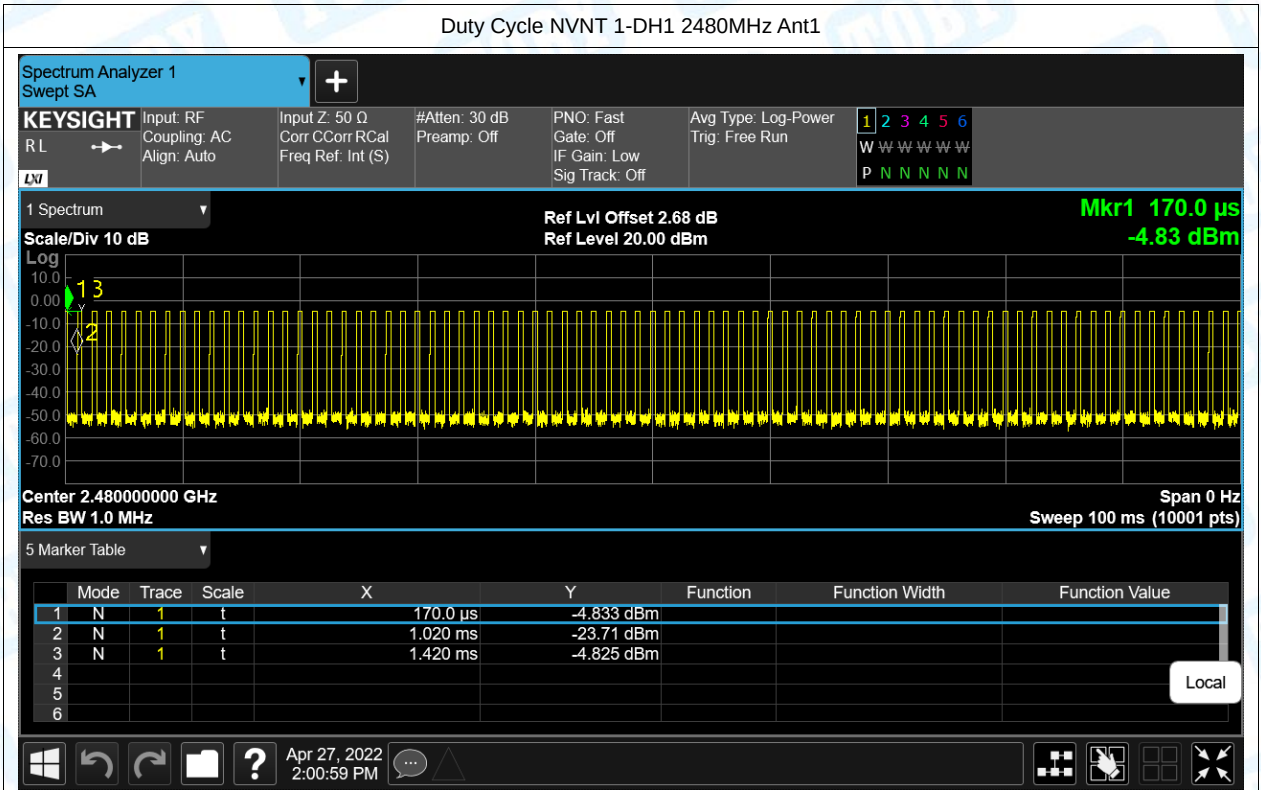
RF Test Data for Bluetooth(BDR+EDR) (Conducted Measurements)

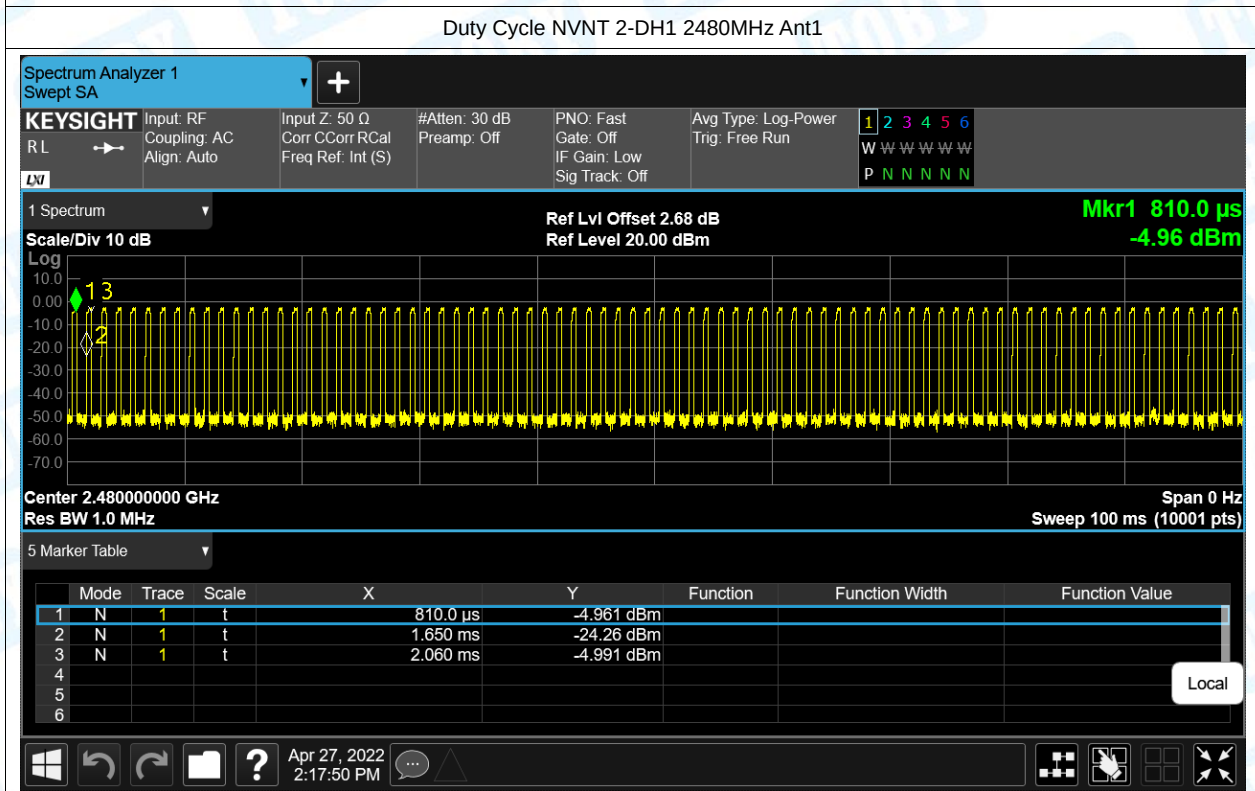
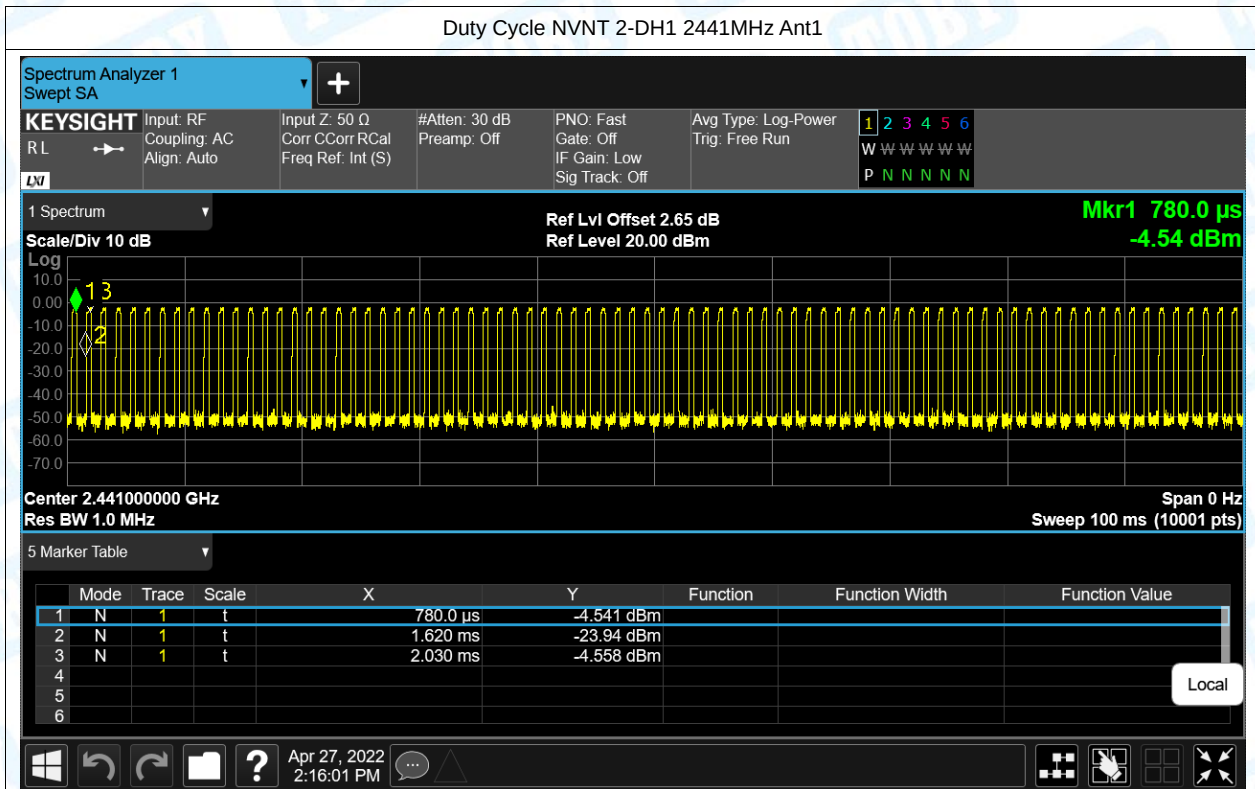
General Description of EUT	
Product Name:	Asyoren A2
Test Model:	Asyoren A2
Sample ID:	RW-C-202204-0153-1
Environmental Conditions	
Temperature:	24℃
Relative Humidity:	50%
Test Voltage:	DC3.7V
Test Engineer:	Liufeng
Note: For a more detailed features description, please refer to the report TBR-C-202204-0153-1.	

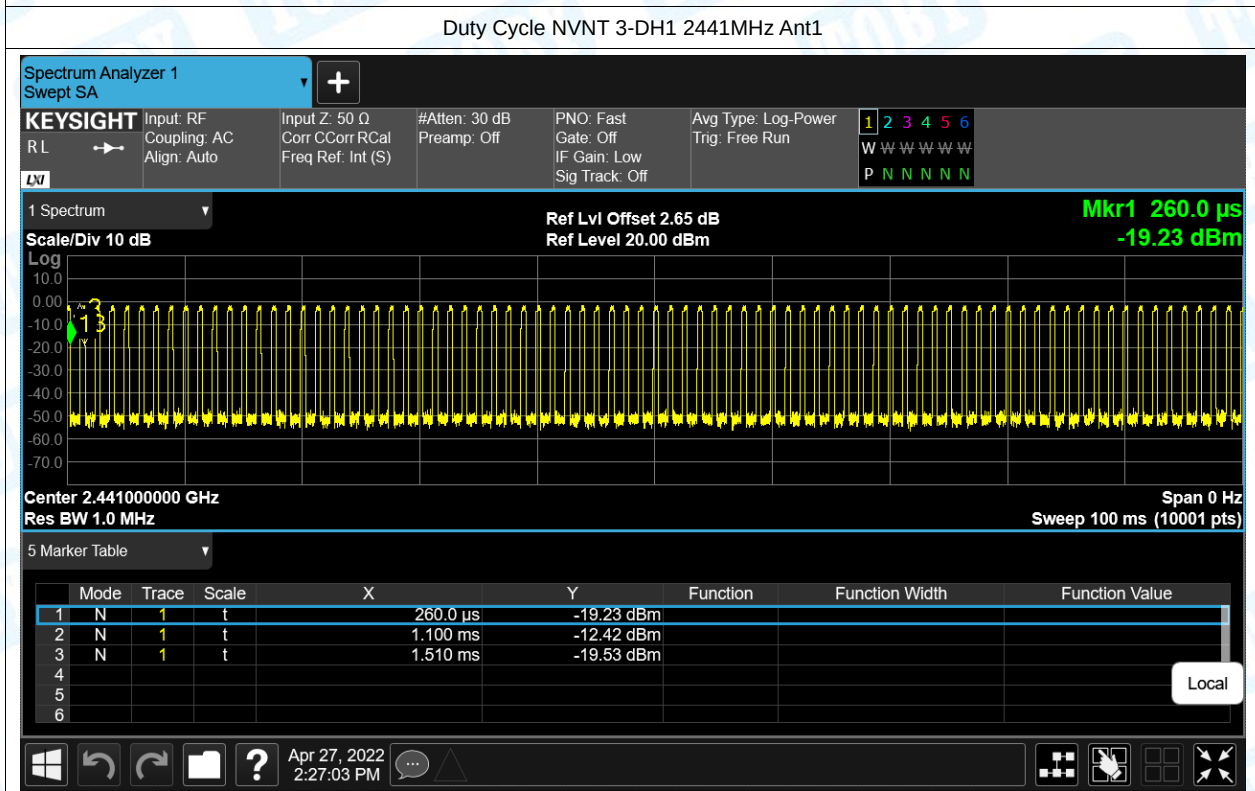
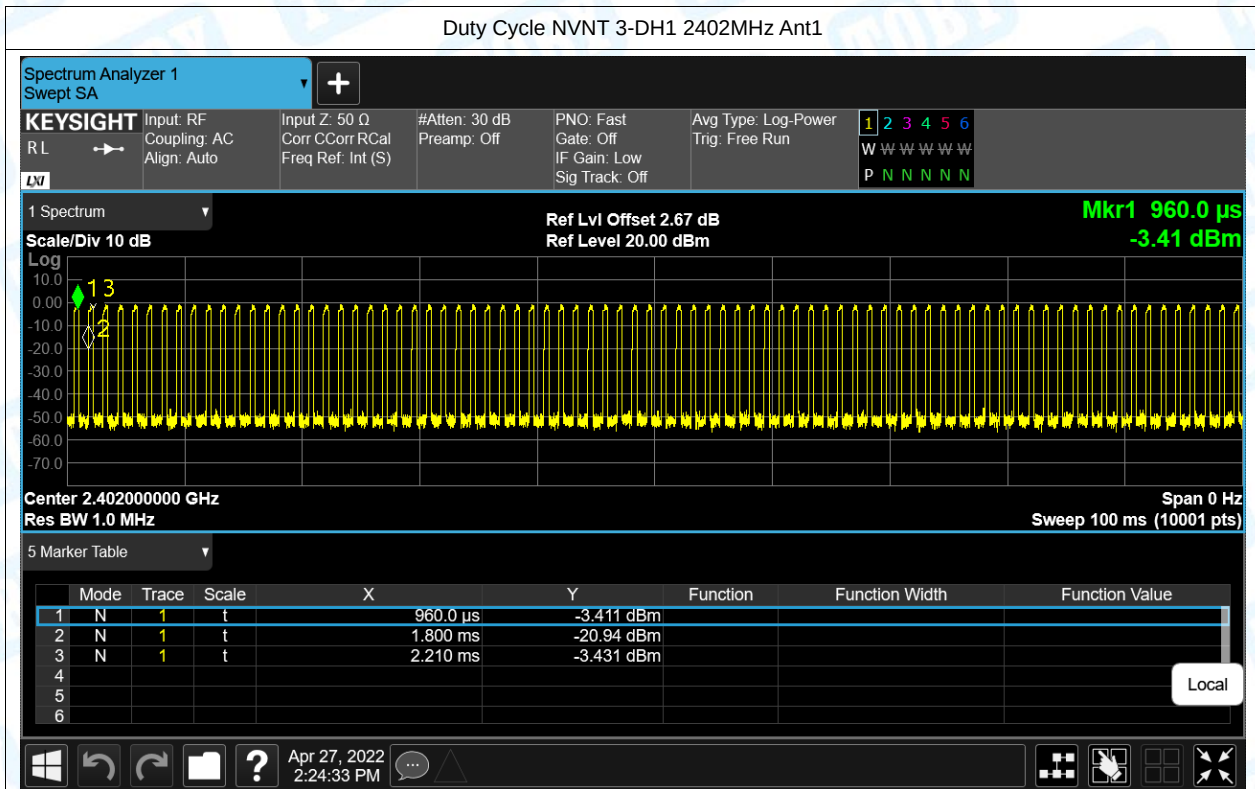
Duty Cycle

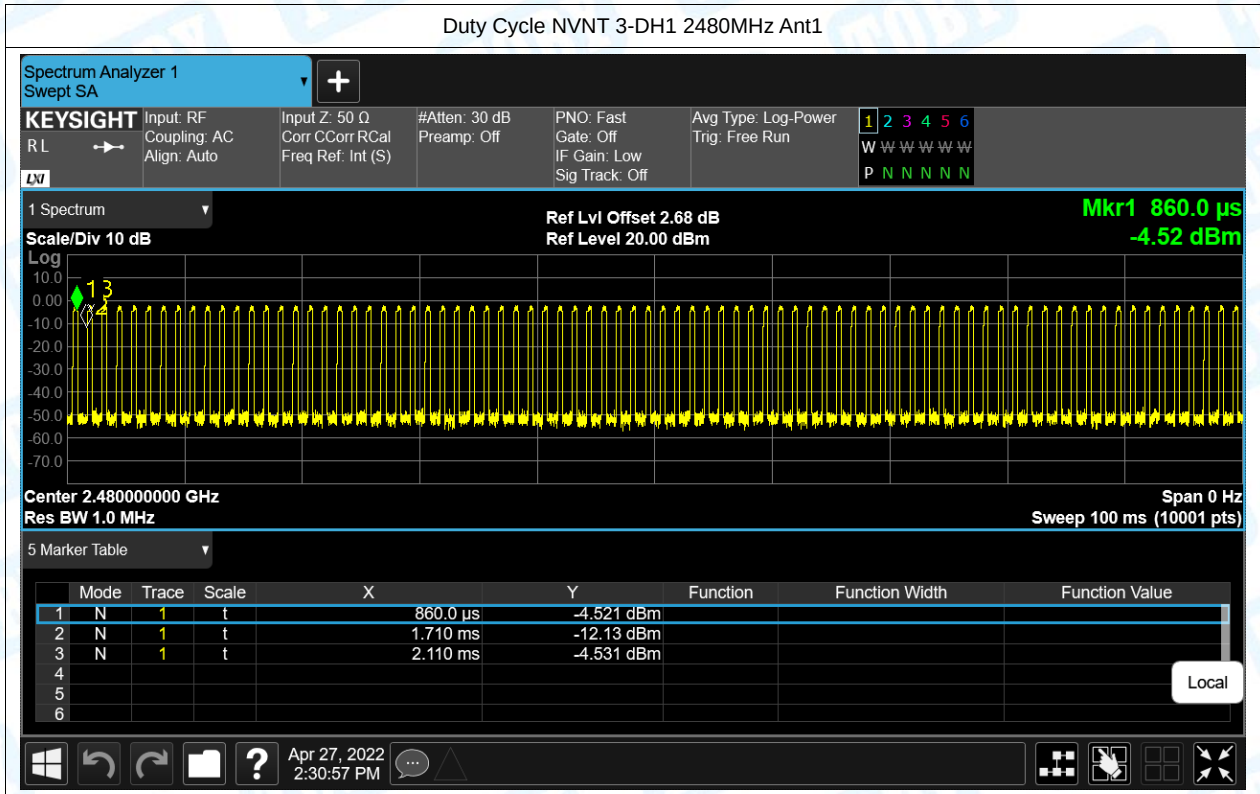
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	32.8	4.84	2.5
NVNT	1-DH1	2441	Ant1	32.8	4.84	2.5
NVNT	1-DH1	2480	Ant1	32.81	4.84	2.5
NVNT	2-DH1	2402	Ant1	33.61	4.74	2.44
NVNT	2-DH1	2441	Ant1	33.6	4.74	2.44
NVNT	2-DH1	2480	Ant1	33.6	4.74	2.44
NVNT	3-DH1	2402	Ant1	33.6	4.74	2.44
NVNT	3-DH1	2441	Ant1	33.03	4.81	2.44
NVNT	3-DH1	2480	Ant1	32.8	4.84	2.5









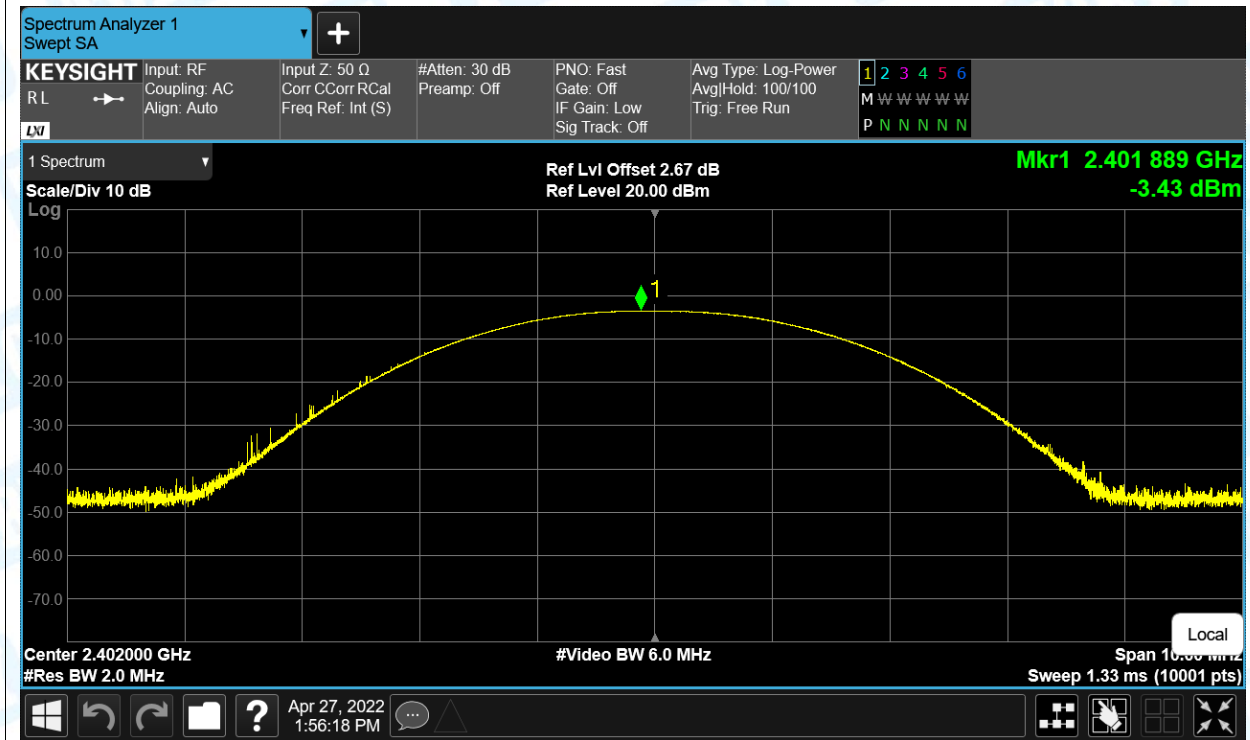


Maximum Conducted Output Power

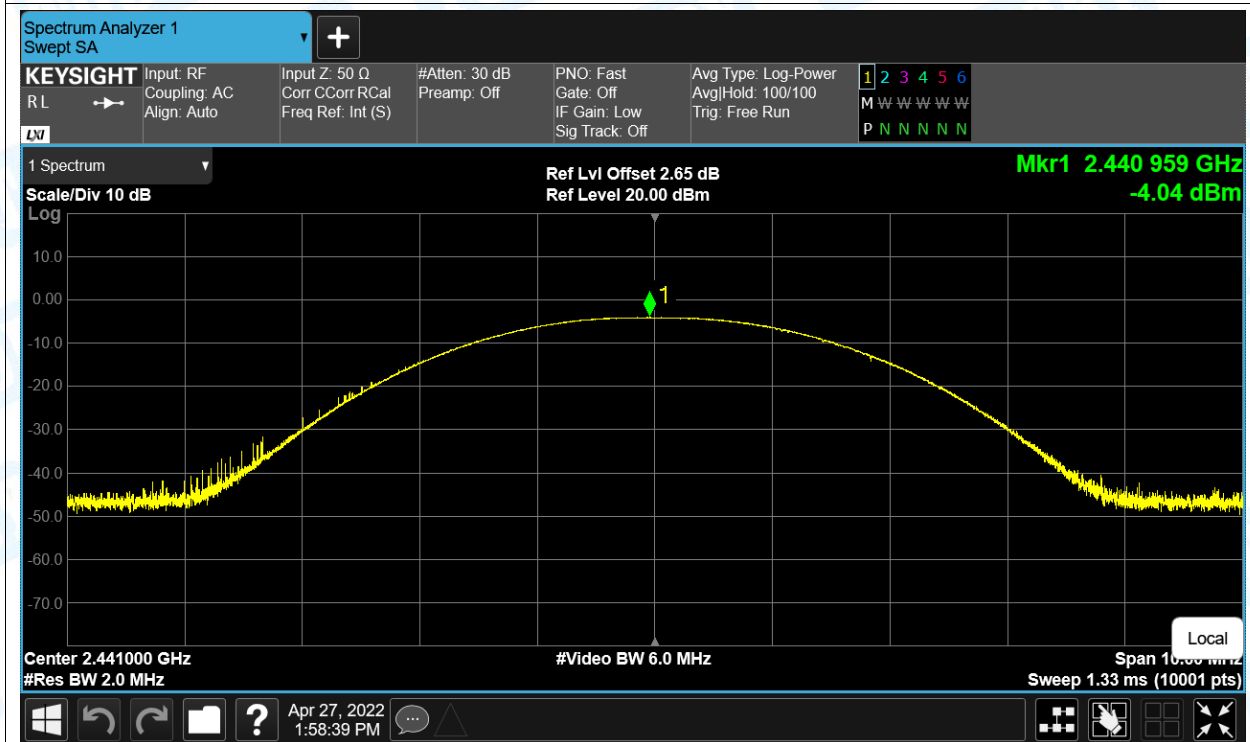
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-3.429	21	Pass
NVNT	1-DH1	2441	Ant1	-4.035	21	Pass
NVNT	1-DH1	2480	Ant1	-4.452	21	Pass
NVNT	2-DH1	2402	Ant1	-1.157	21	Pass
NVNT	2-DH1	2441	Ant1	-1.763	21	Pass
NVNT	2-DH1	2480	Ant1	-2.197	21	Pass
NVNT	3-DH1	2402	Ant1	-0.562	21	Pass
NVNT	3-DH1	2441	Ant1	-1.191	21	Pass
NVNT	3-DH1	2480	Ant1	-1.648	21	Pass

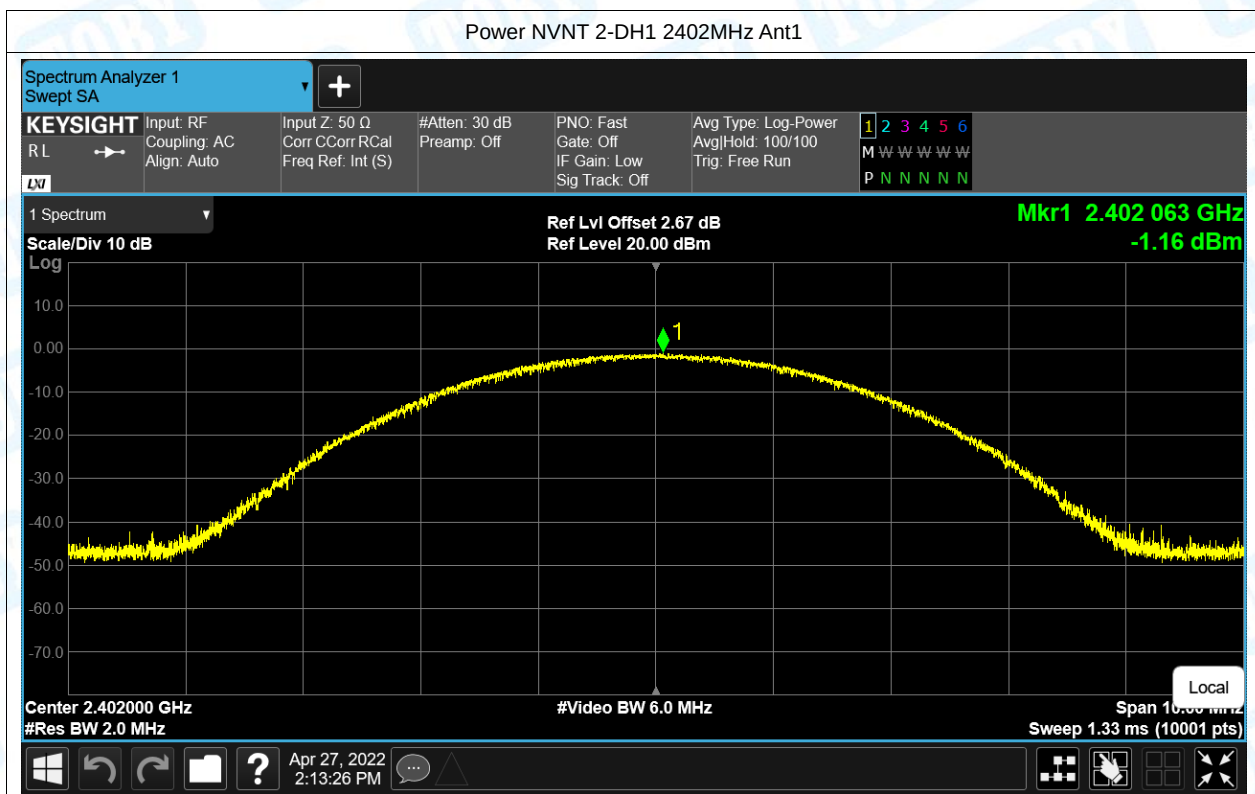
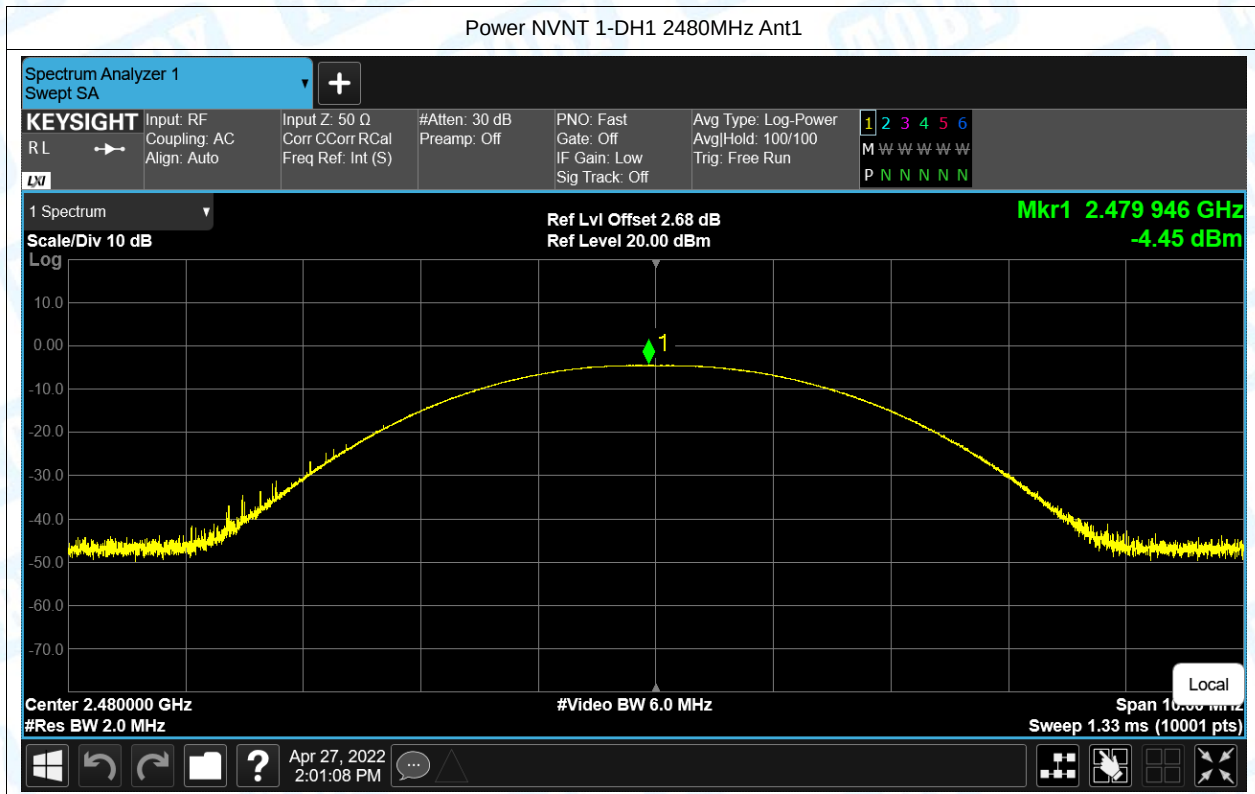
Test Graphs

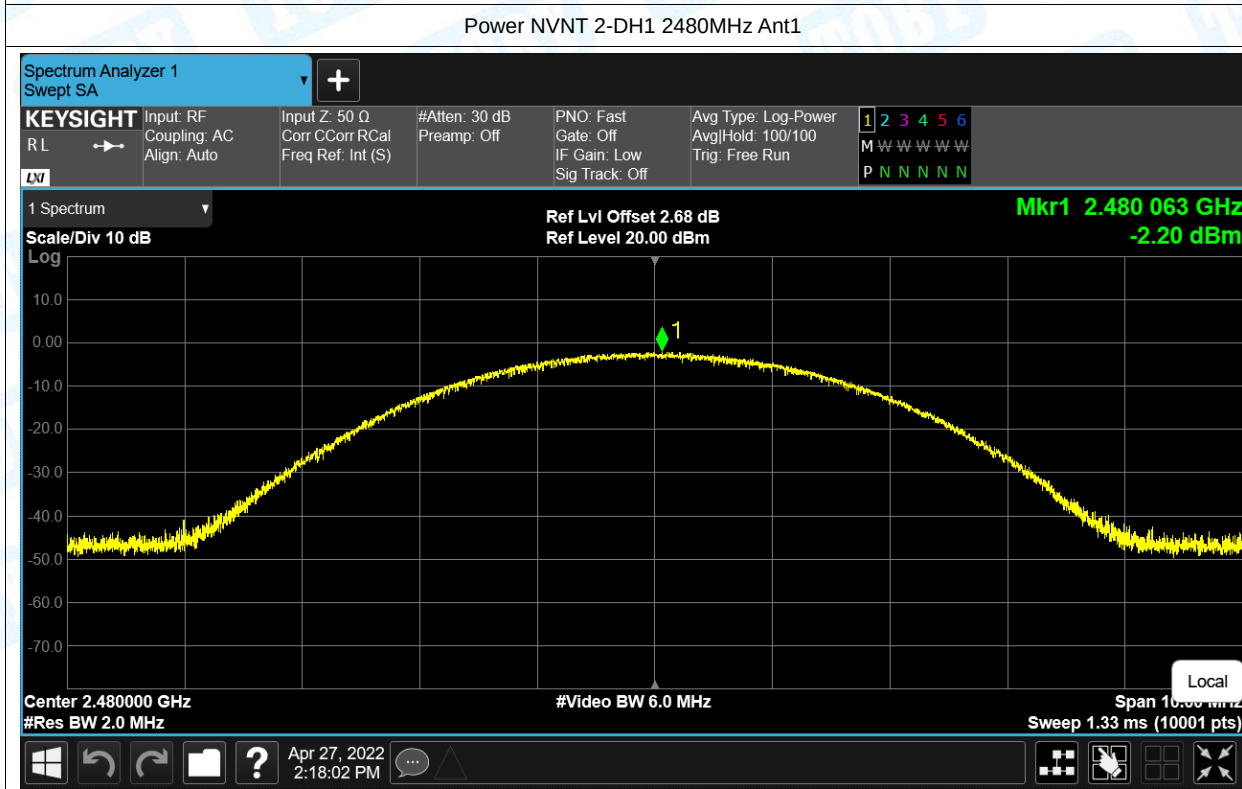
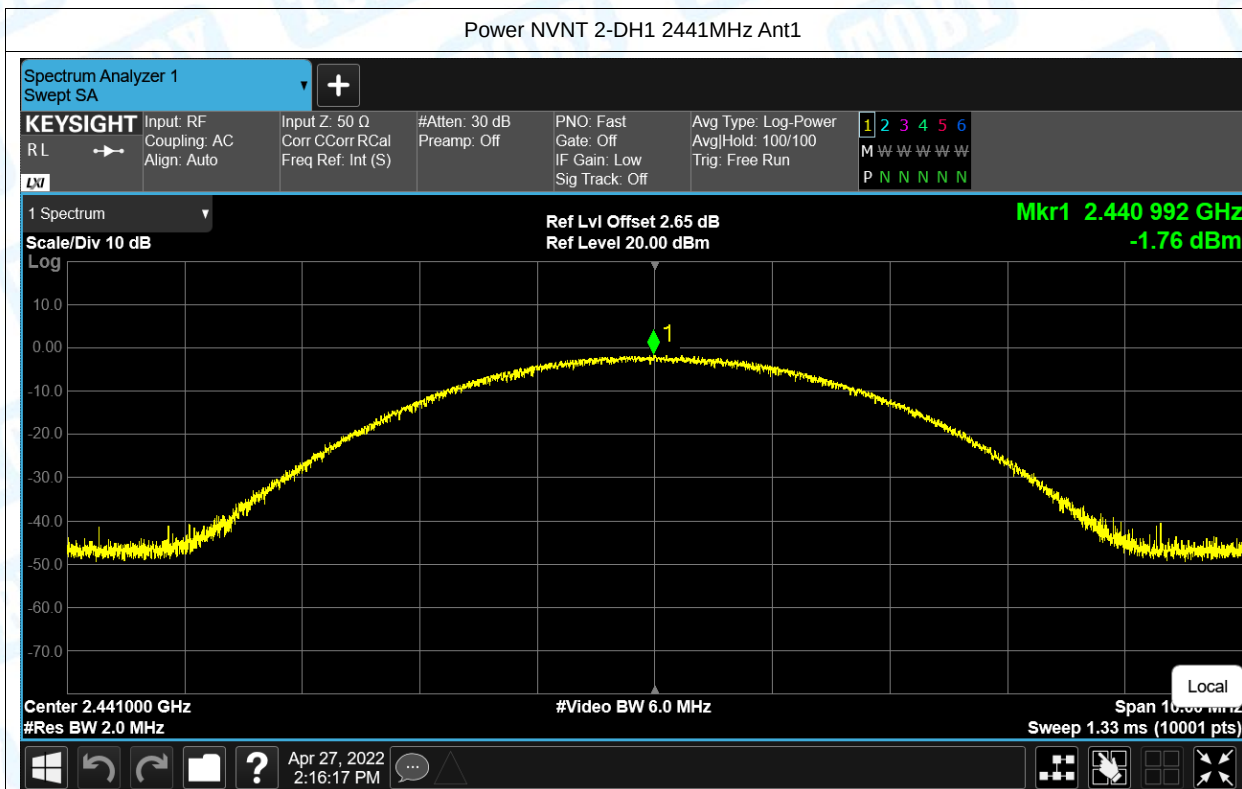
Power NVNT 1-DH1 2402MHz Ant1

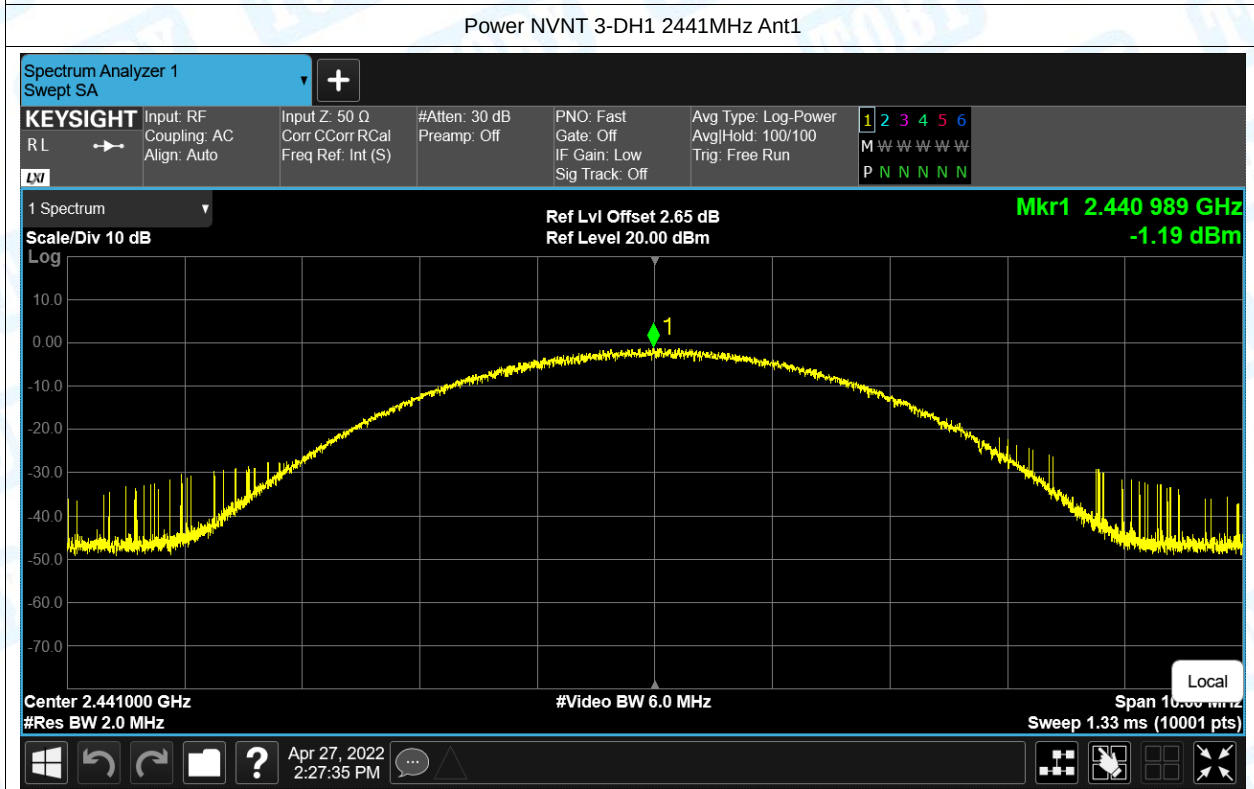


Power NVNT 1-DH1 2441MHz Ant1











-20dB Bandwidth

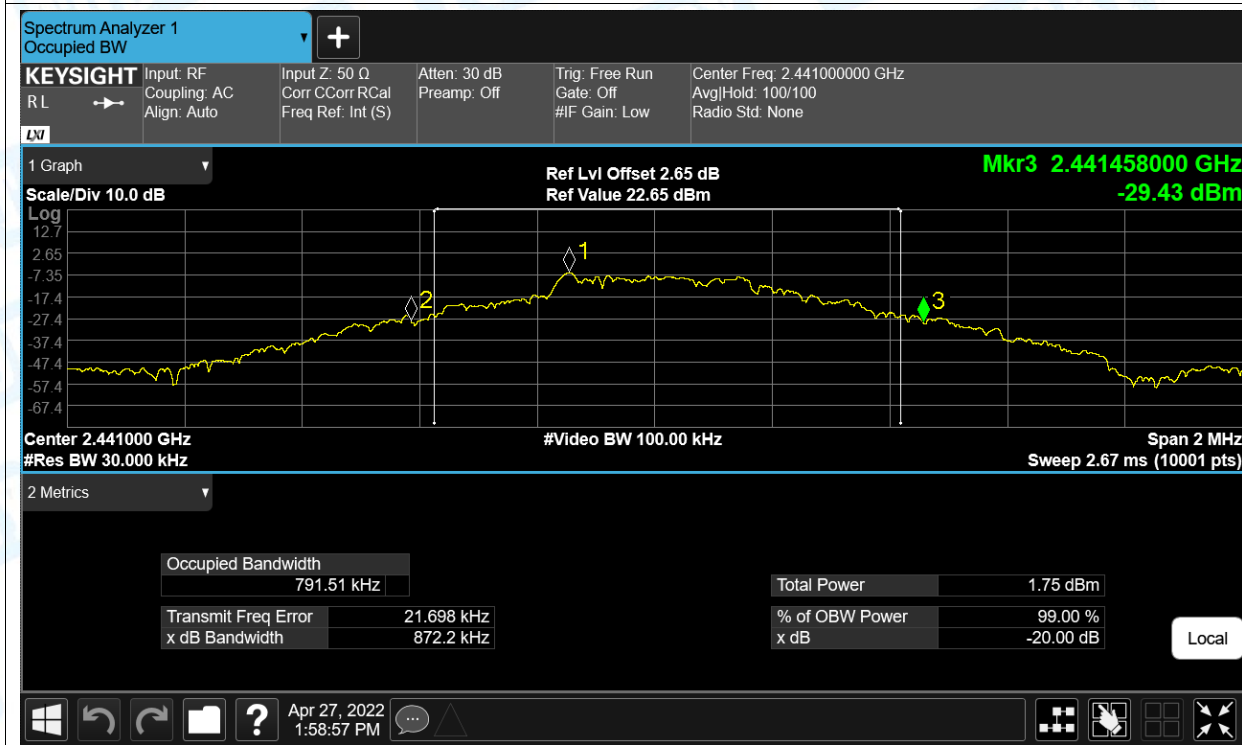
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	2/3 *20dB BW (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.87	0.58	Pass
NVNT	1-DH1	2441	Ant1	0.87	0.58	Pass
NVNT	1-DH1	2480	Ant1	0.84	0.56	Pass
NVNT	2-DH1	2402	Ant1	1.23	0.82	Pass
NVNT	2-DH1	2441	Ant1	1.26	0.84	Pass
NVNT	2-DH1	2480	Ant1	1.23	0.82	Pass
NVNT	3-DH1	2402	Ant1	1.23	0.82	Pass
NVNT	3-DH1	2441	Ant1	1.25	0.833	Pass
NVNT	3-DH1	2480	Ant1	1.25	0.83	Pass

Test Graphs

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



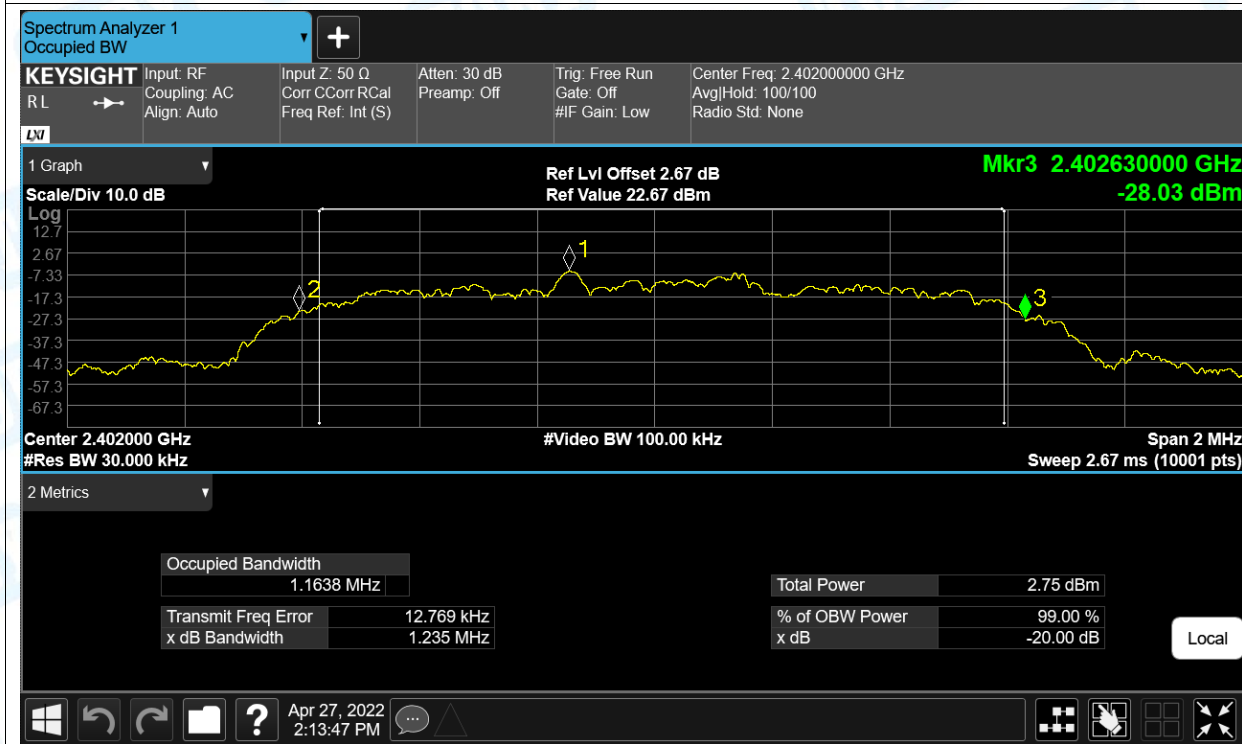
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1

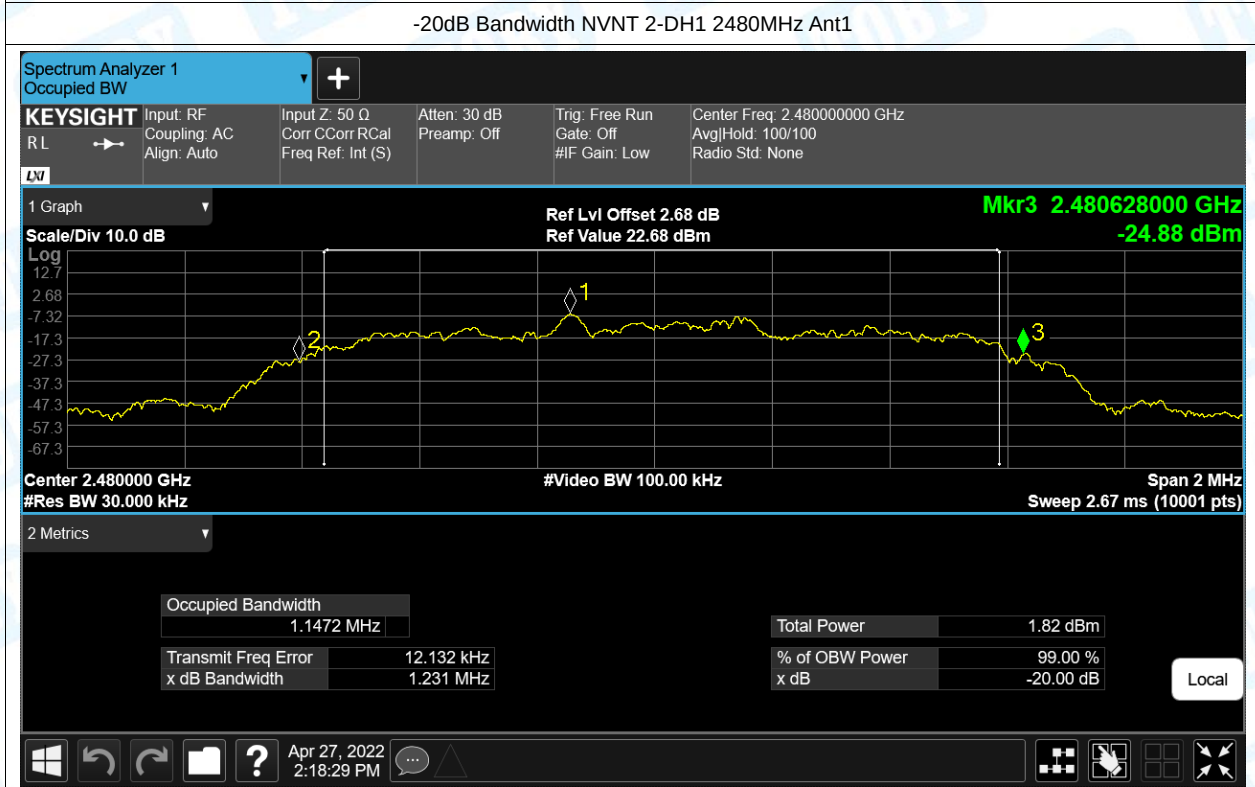
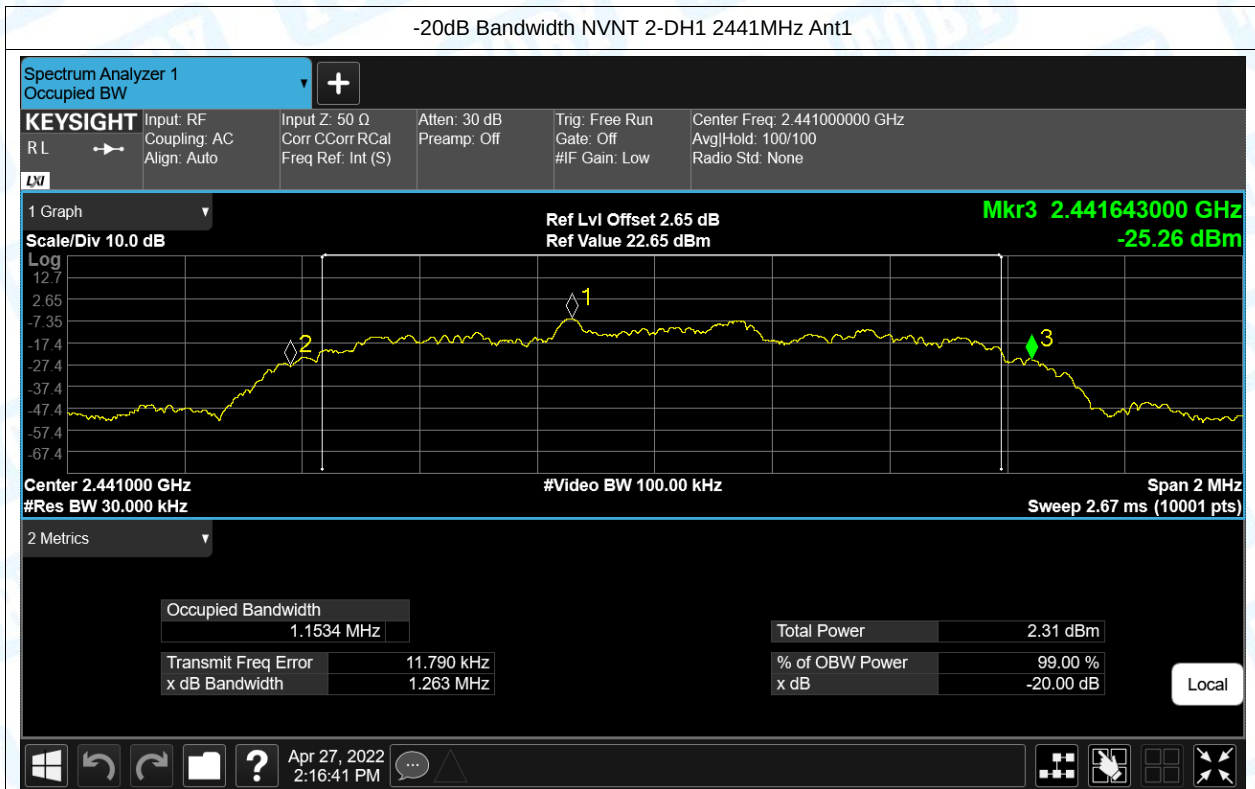


-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1

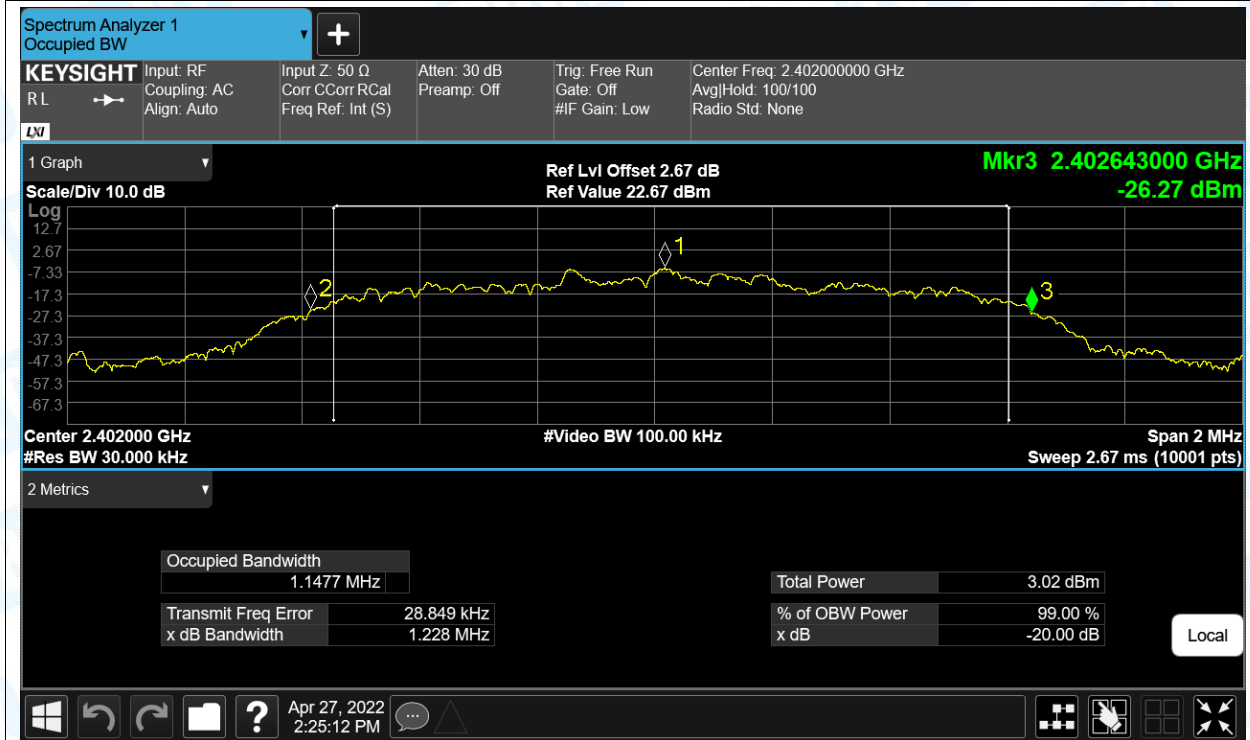


-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1

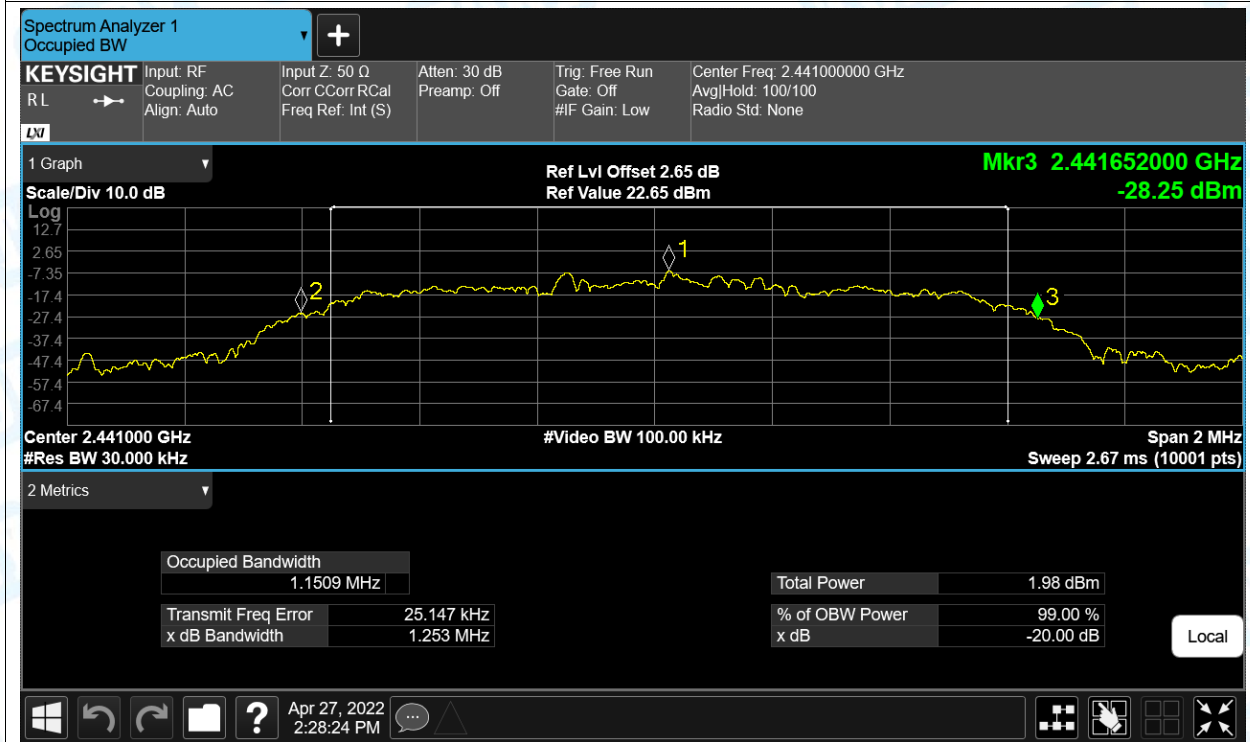


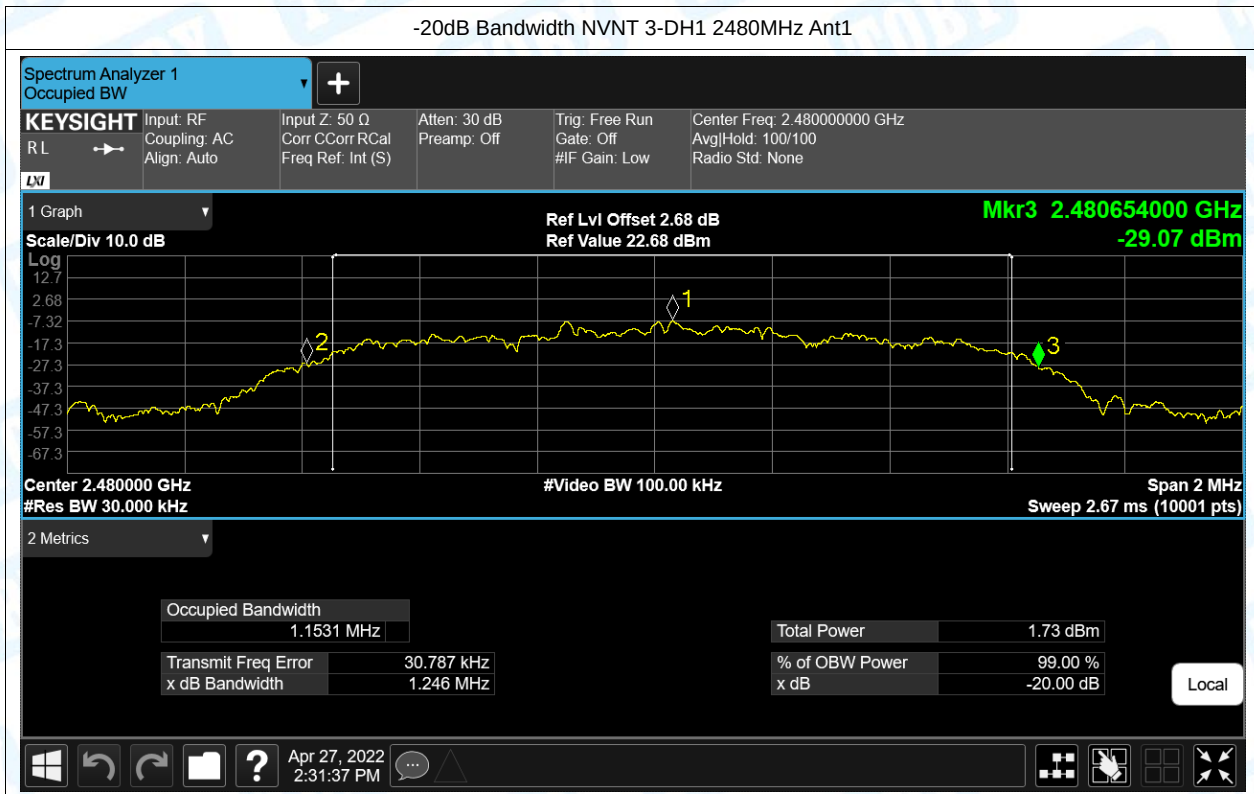


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



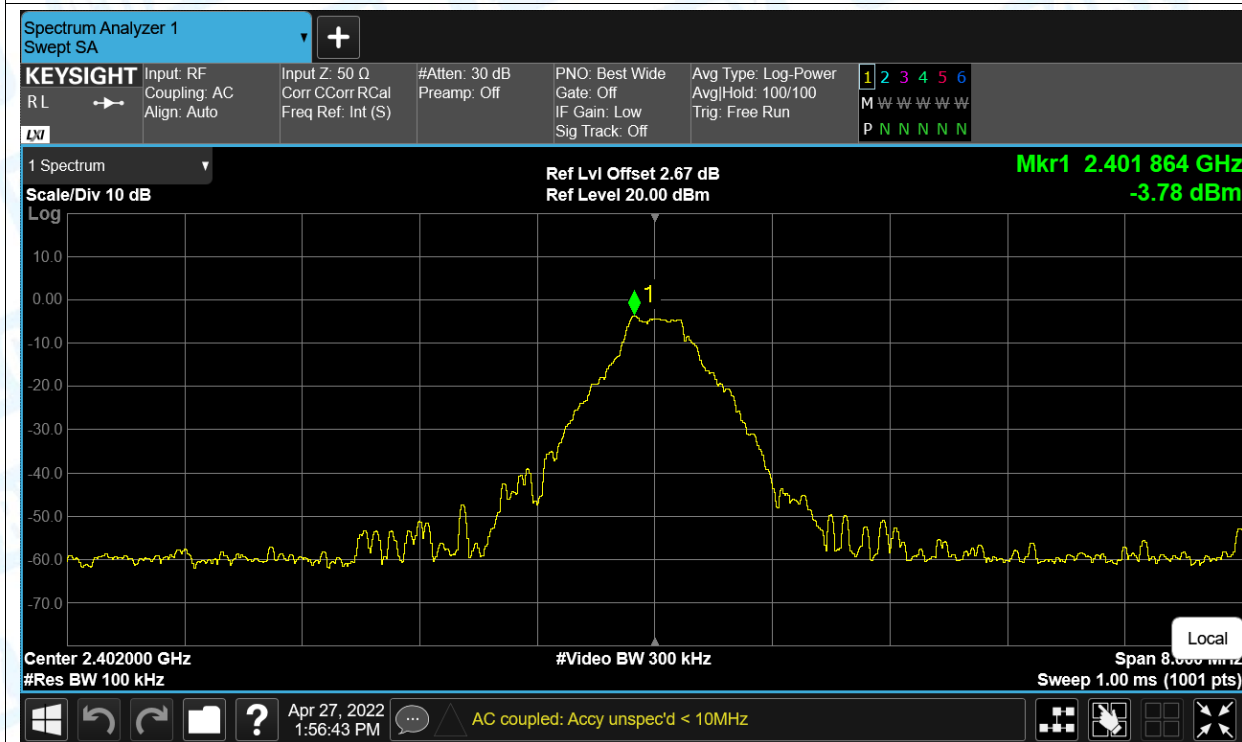


Band Edge

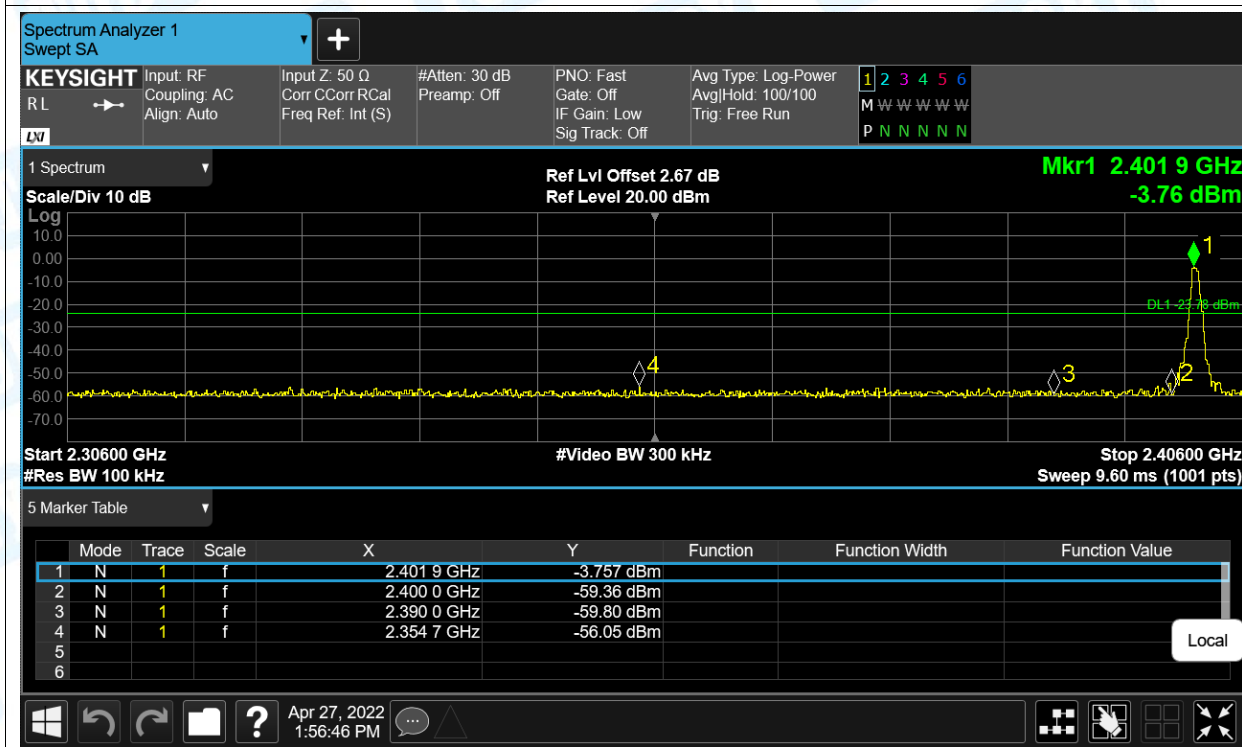
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-52.27	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-50.34	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-52.36	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-52.02	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-52.81	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-50.66	-20	Pass

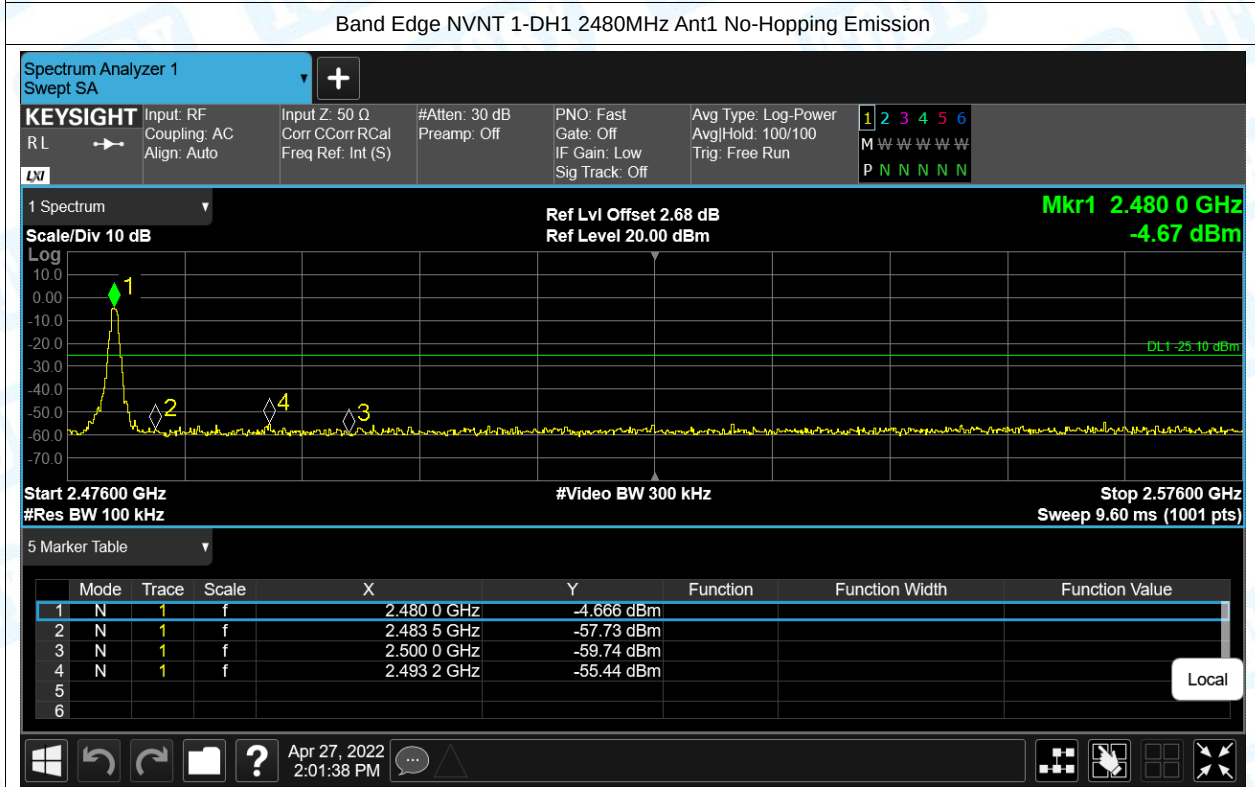
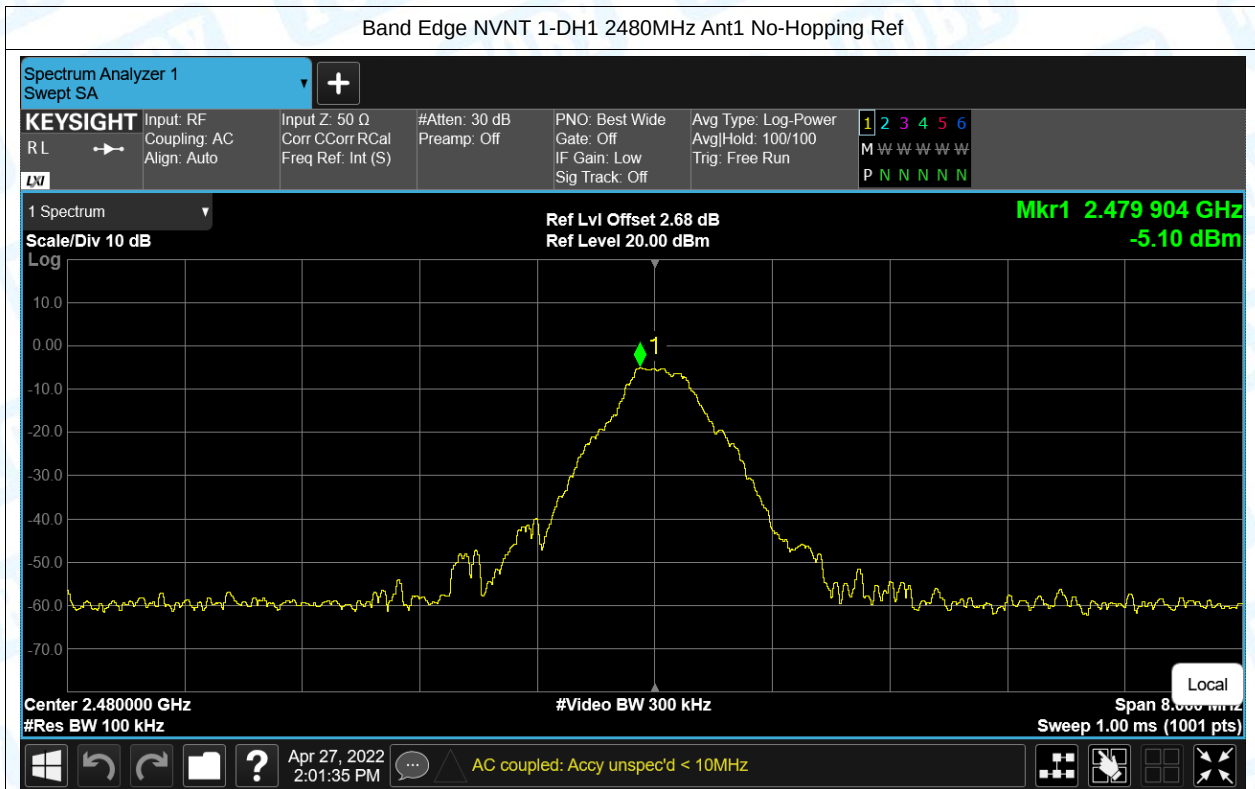
Test Graphs

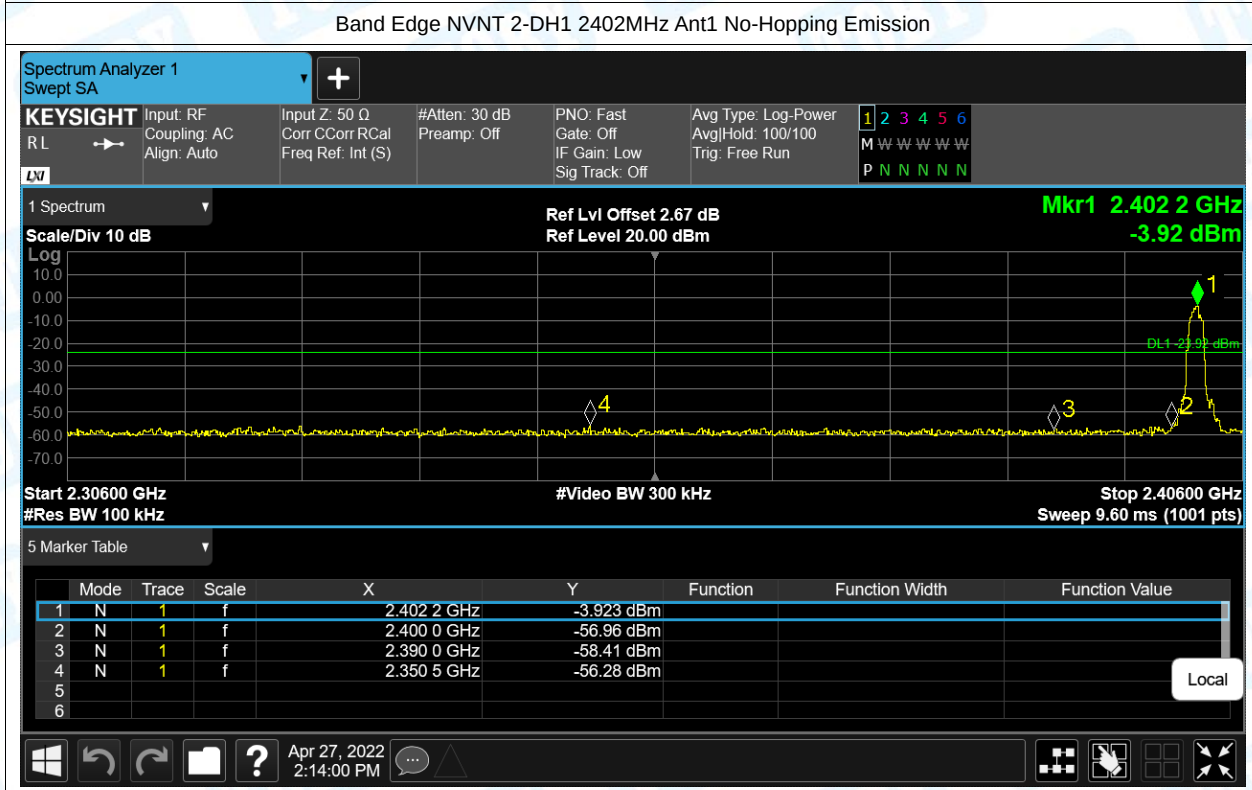
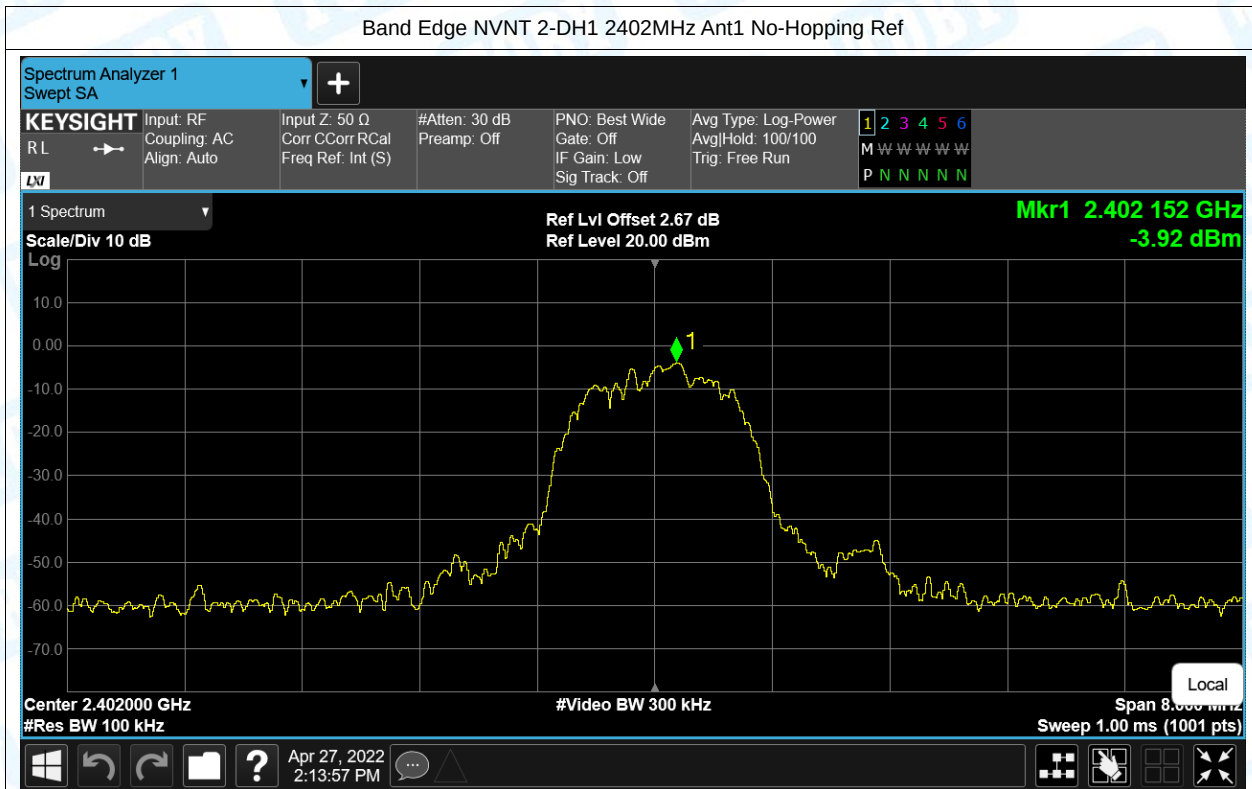
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

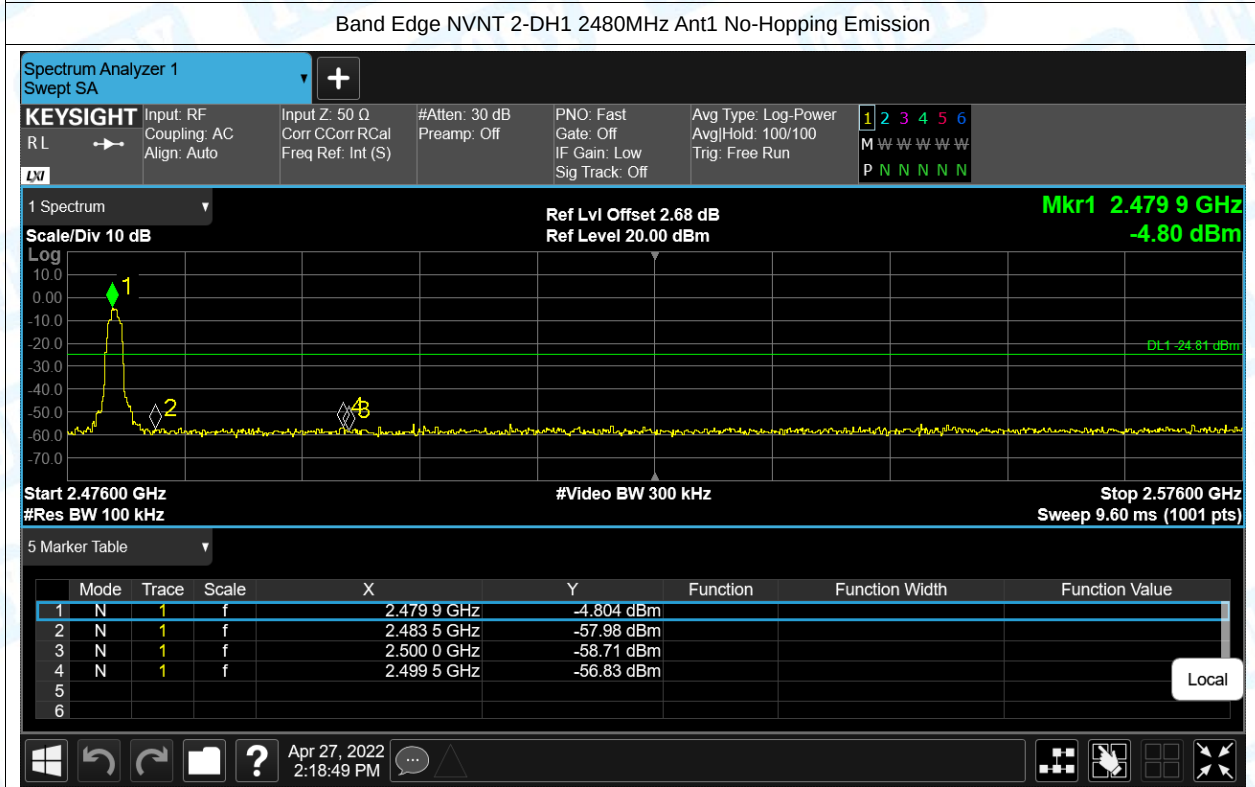
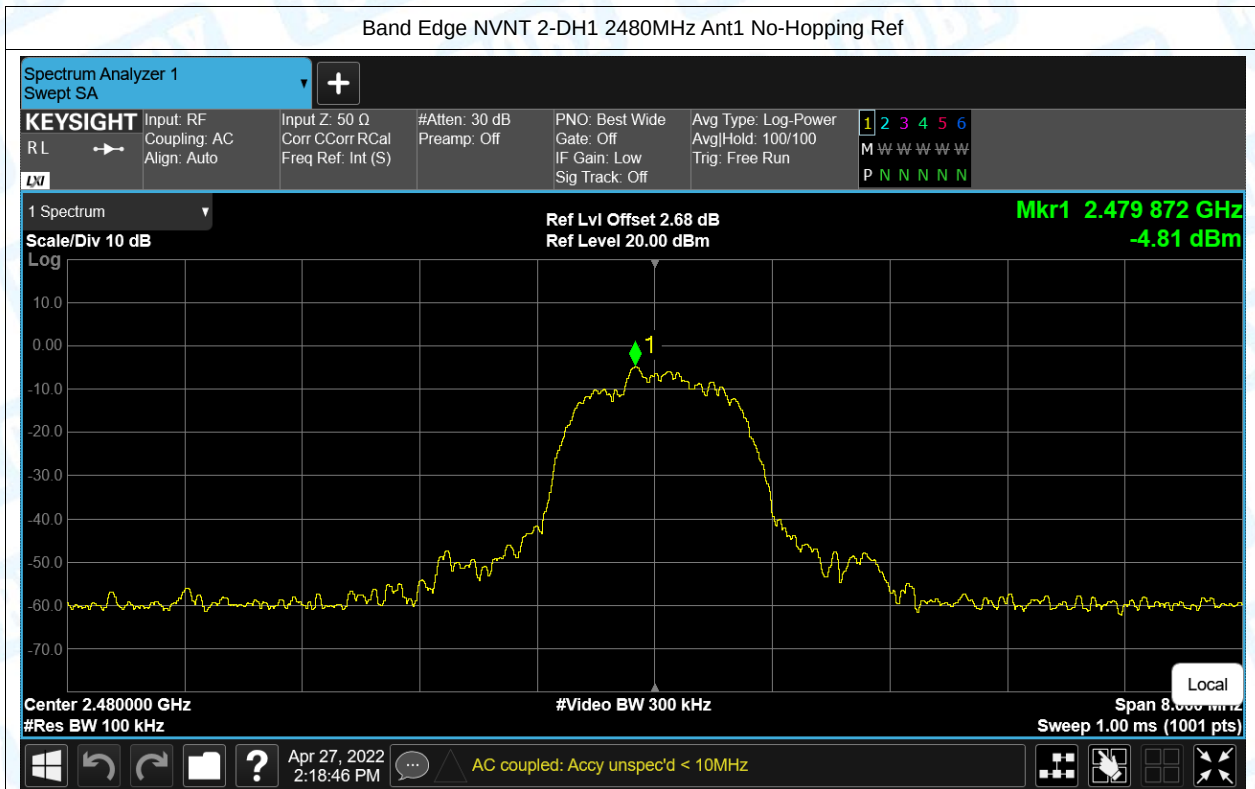


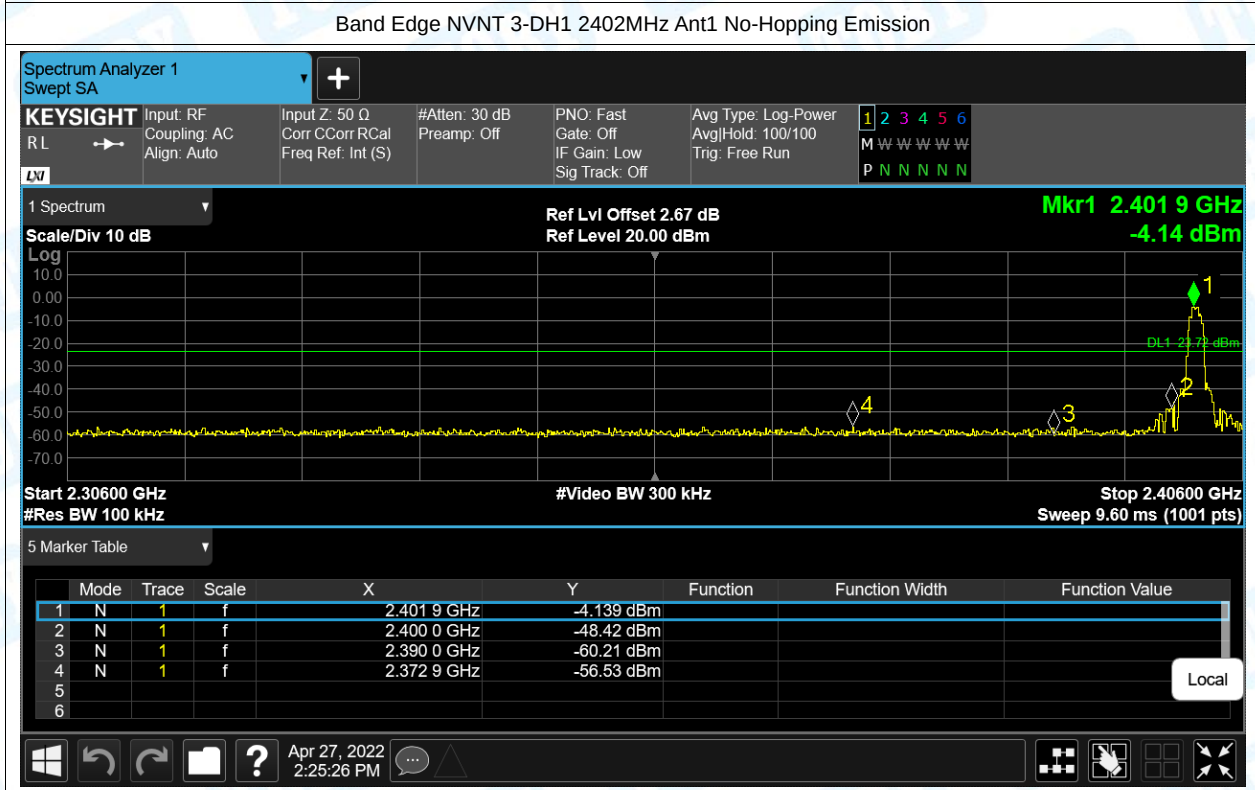
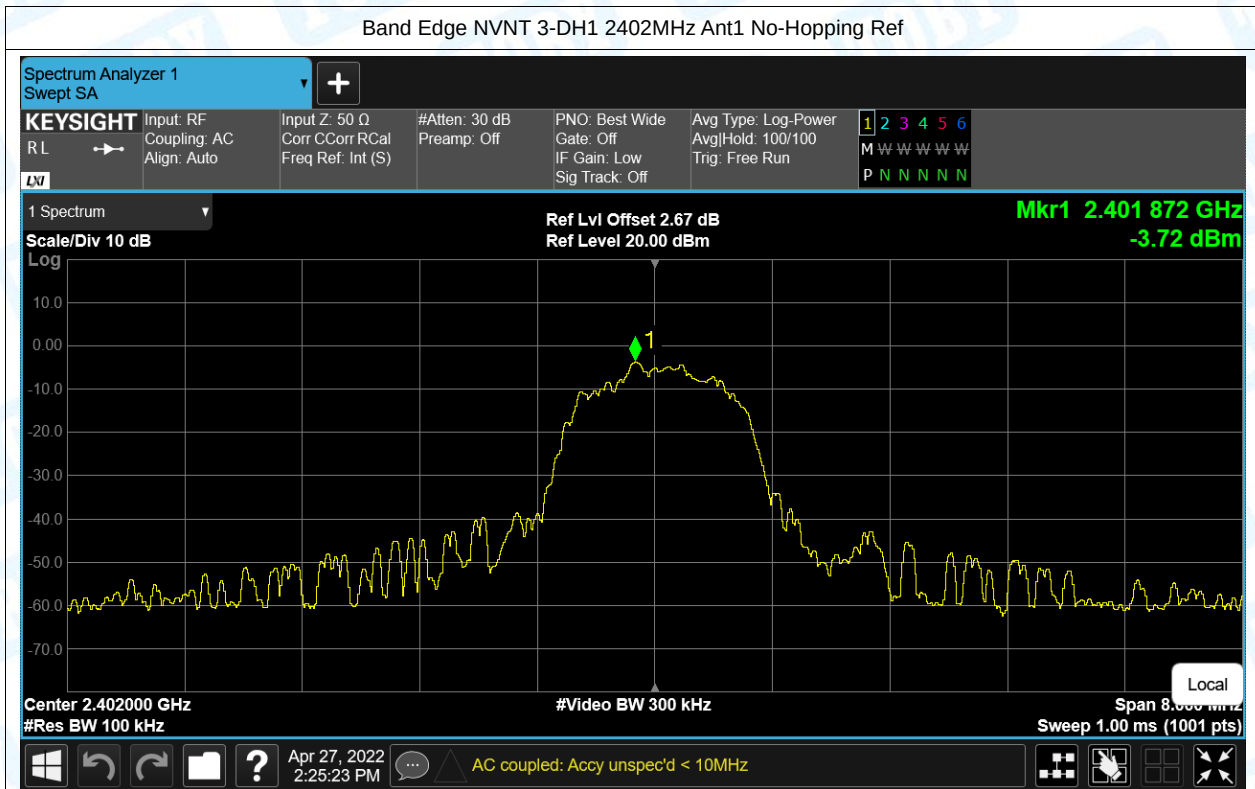
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission

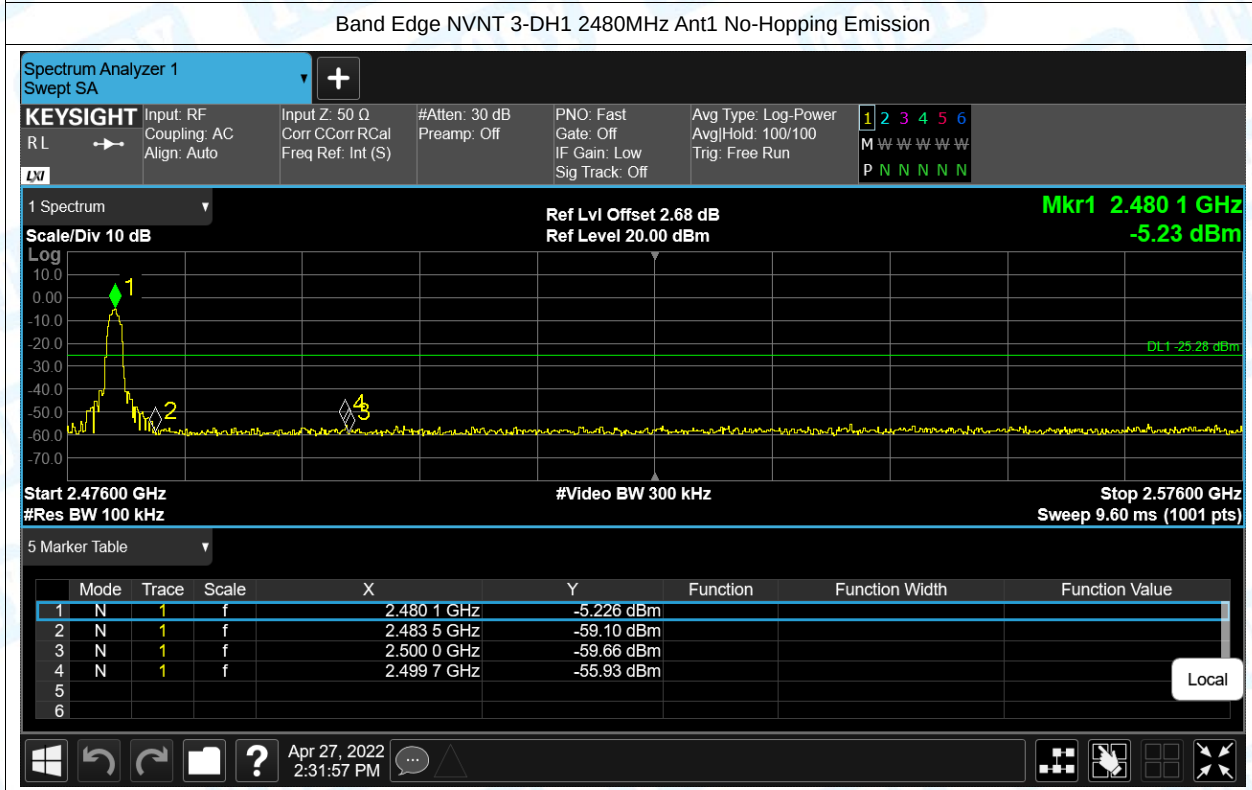
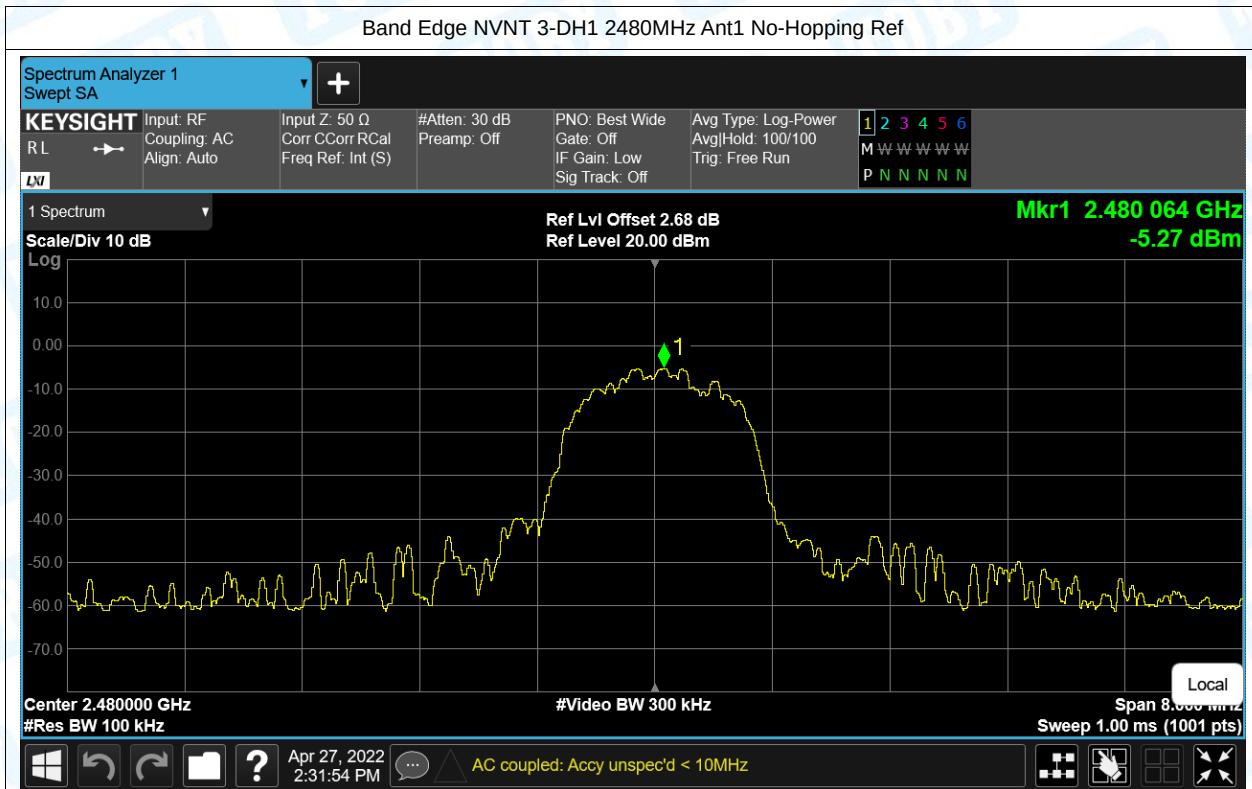








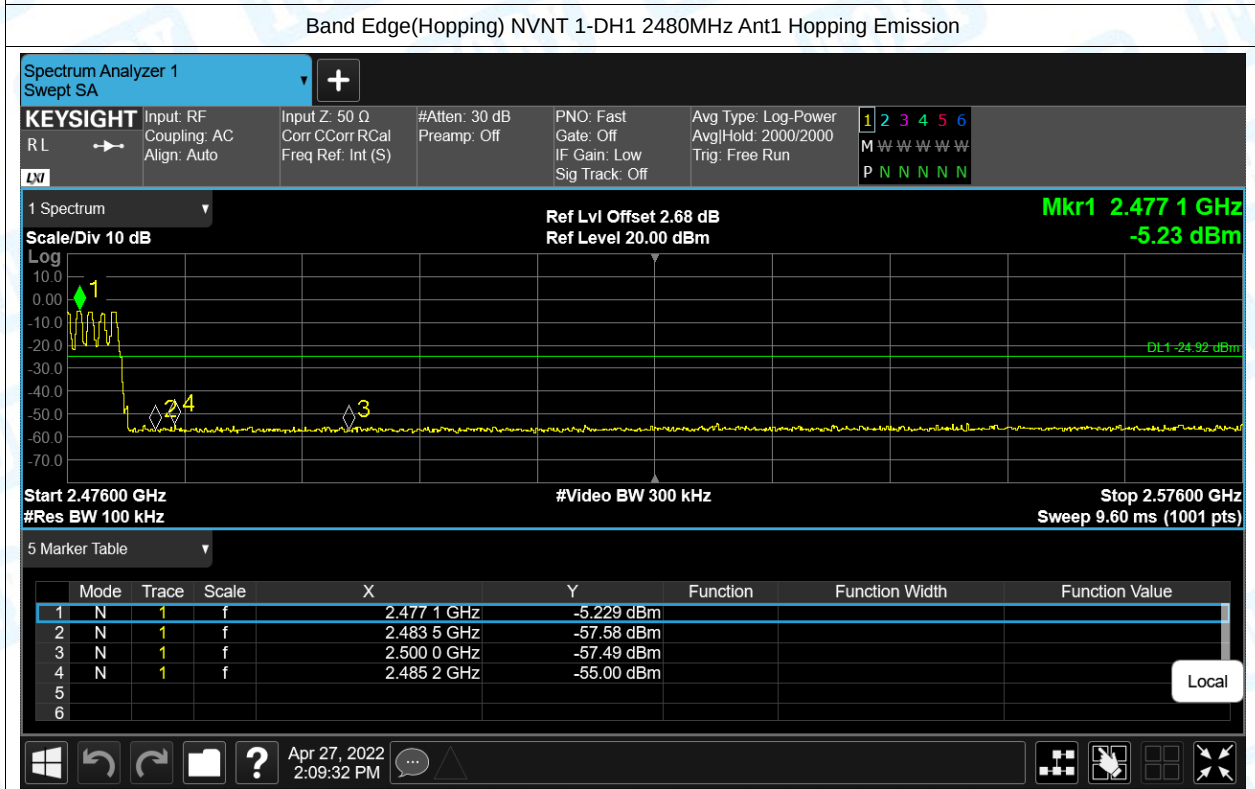
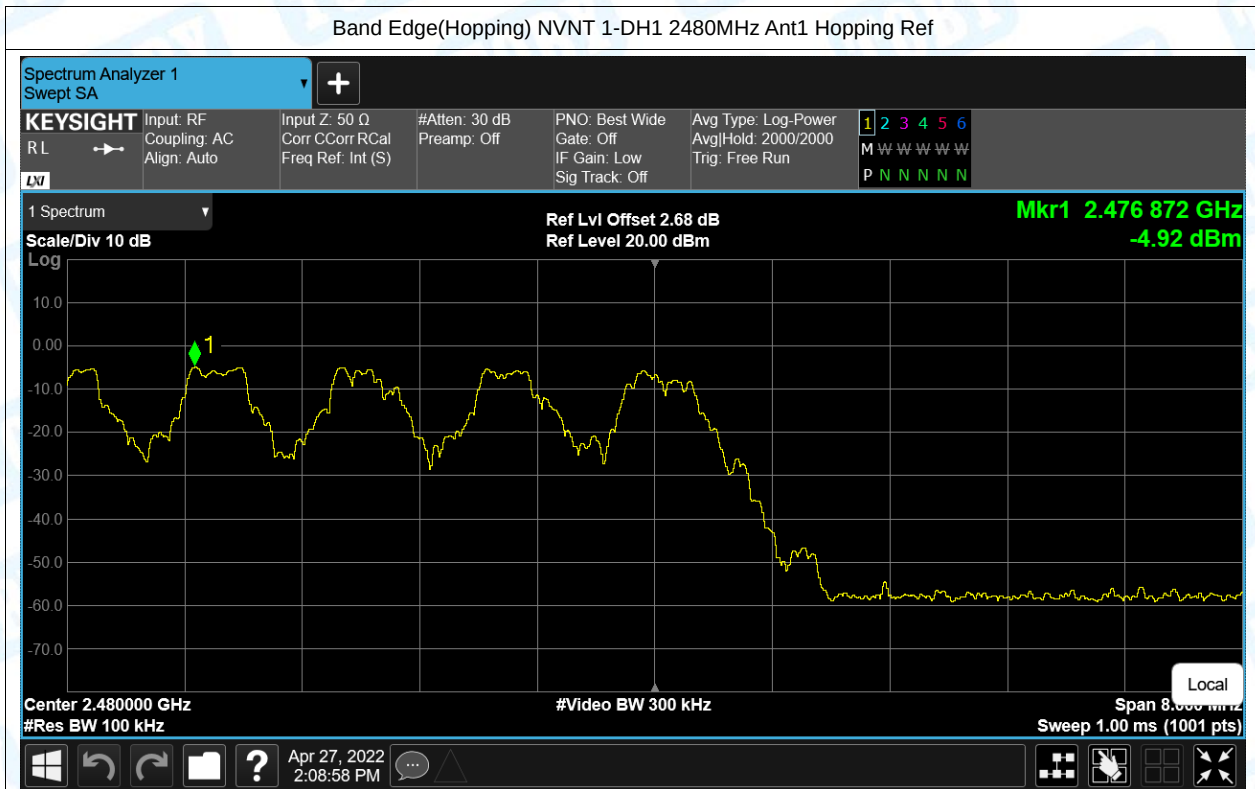


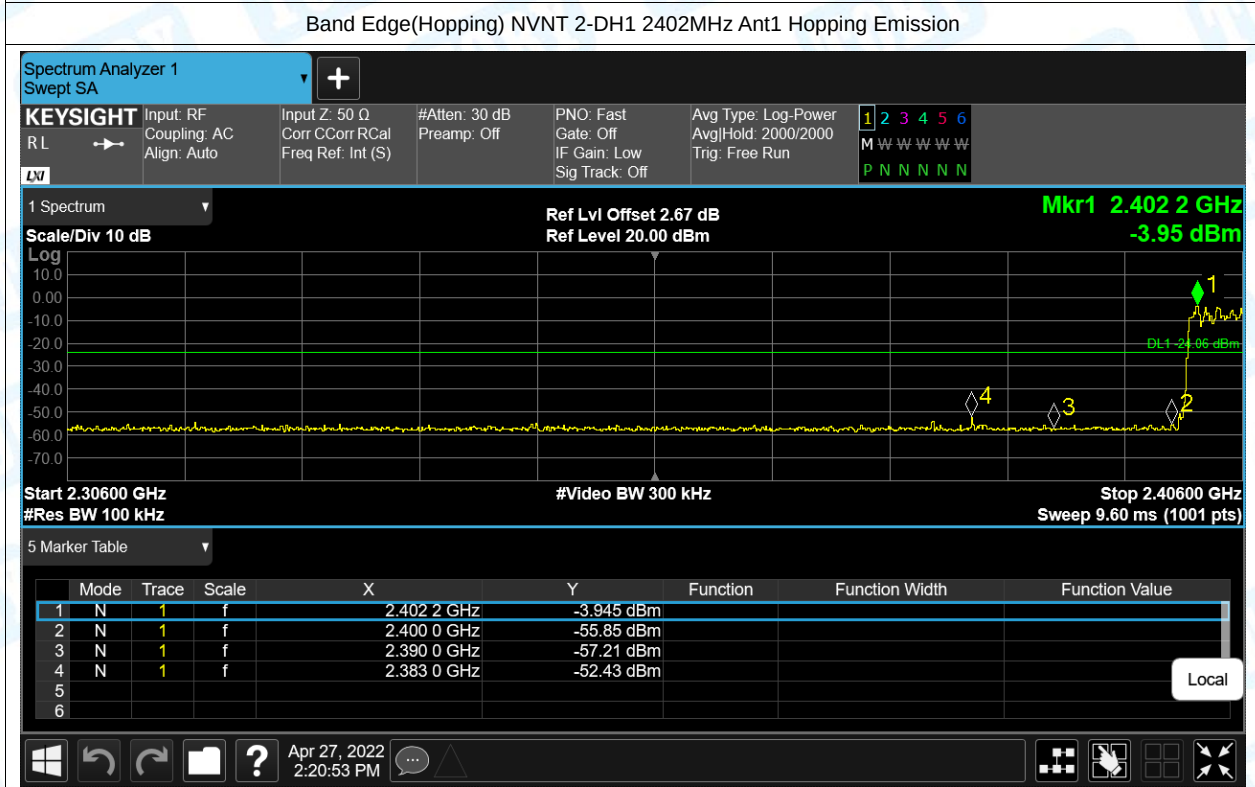
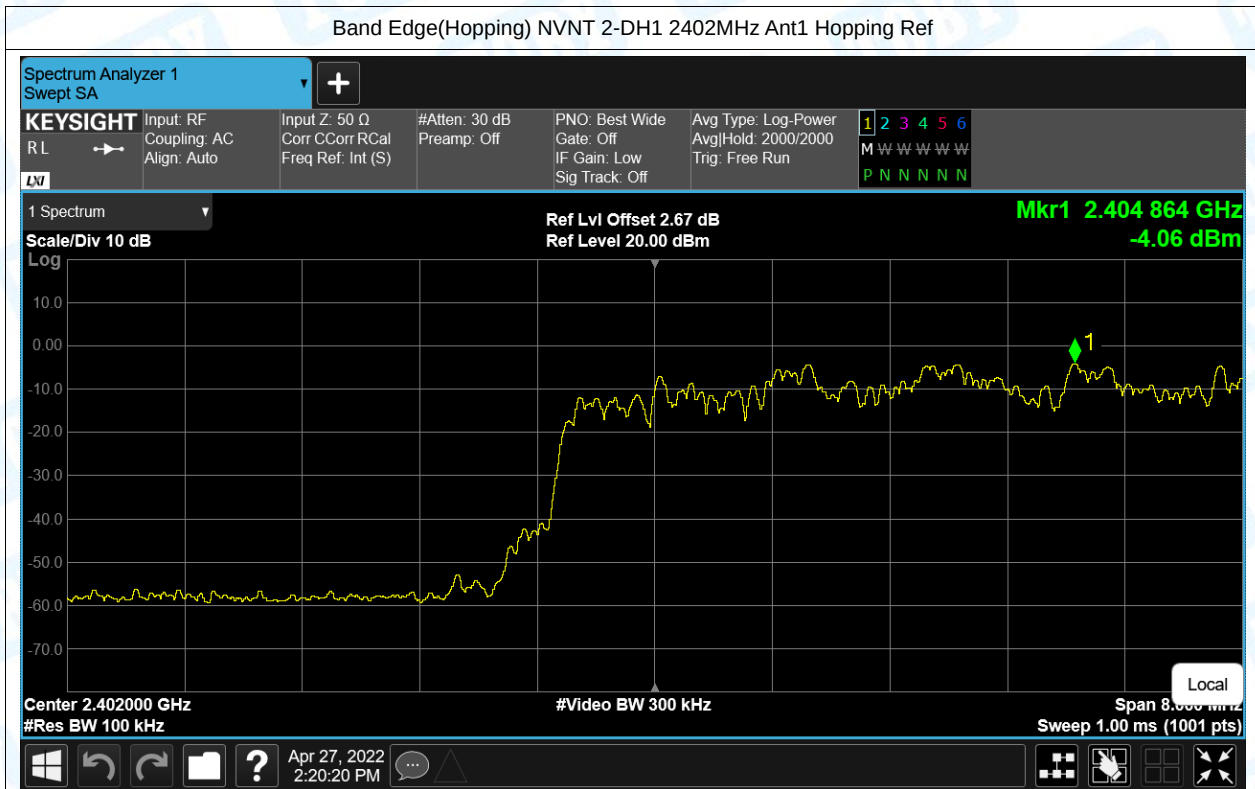


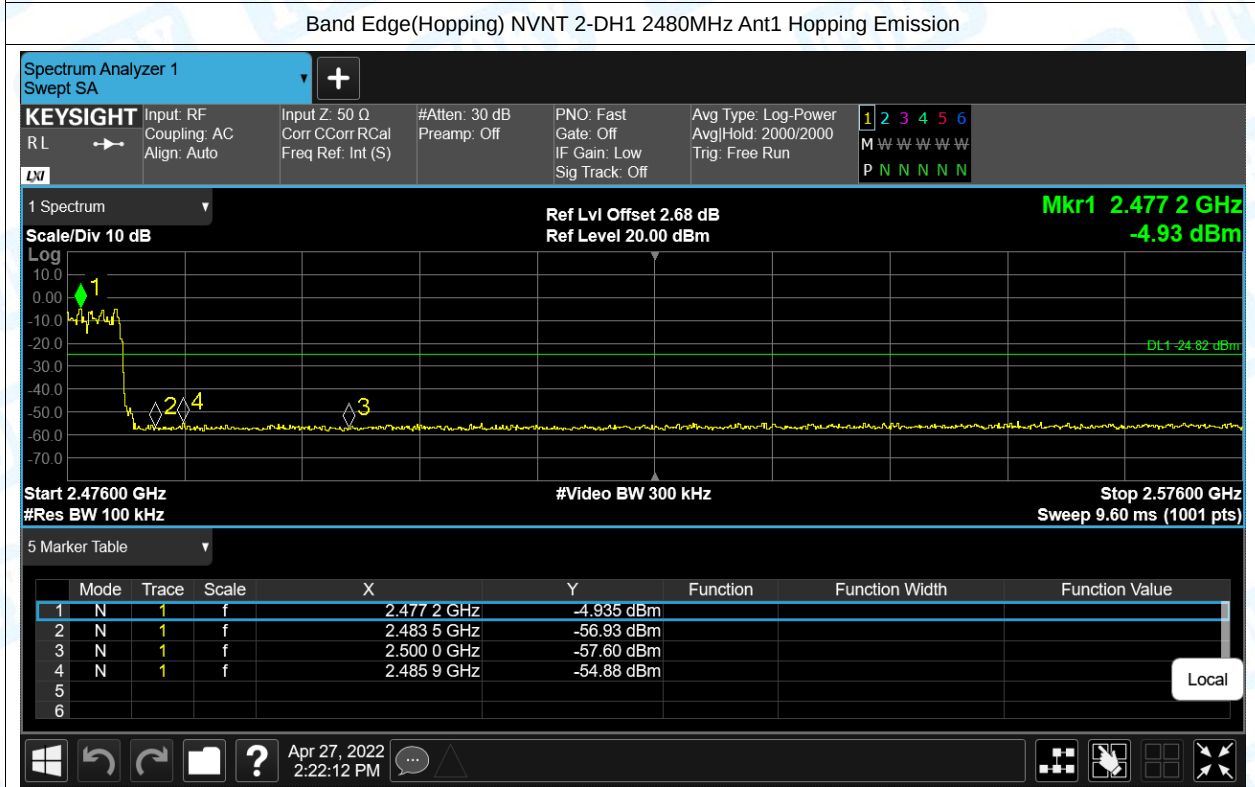
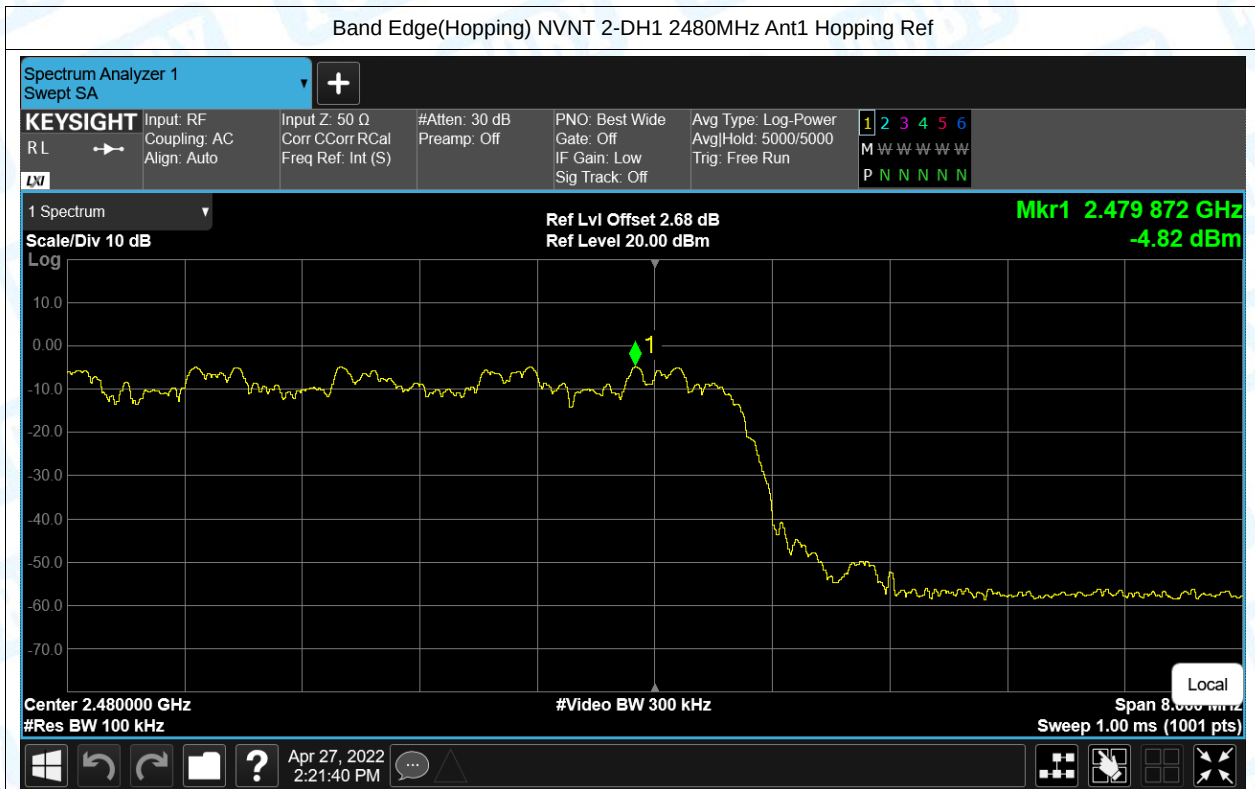
Band Edge(Hopping)

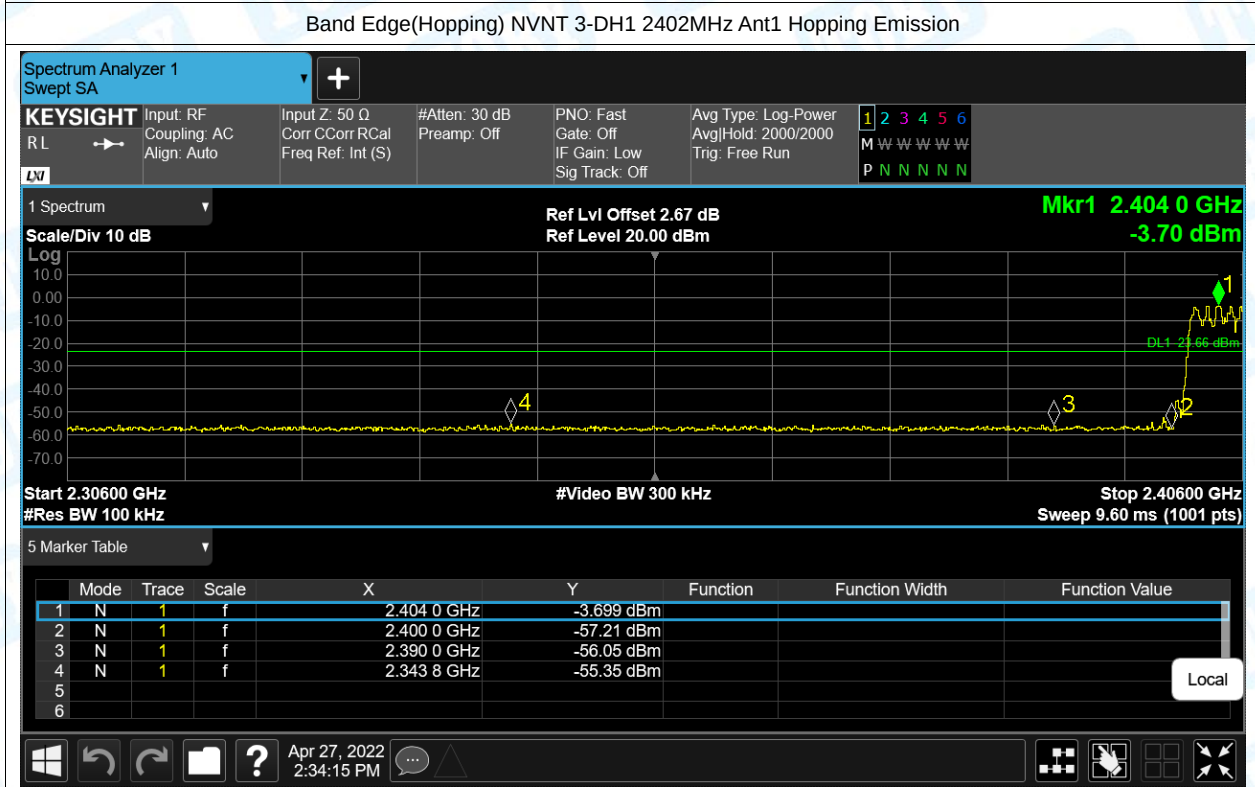
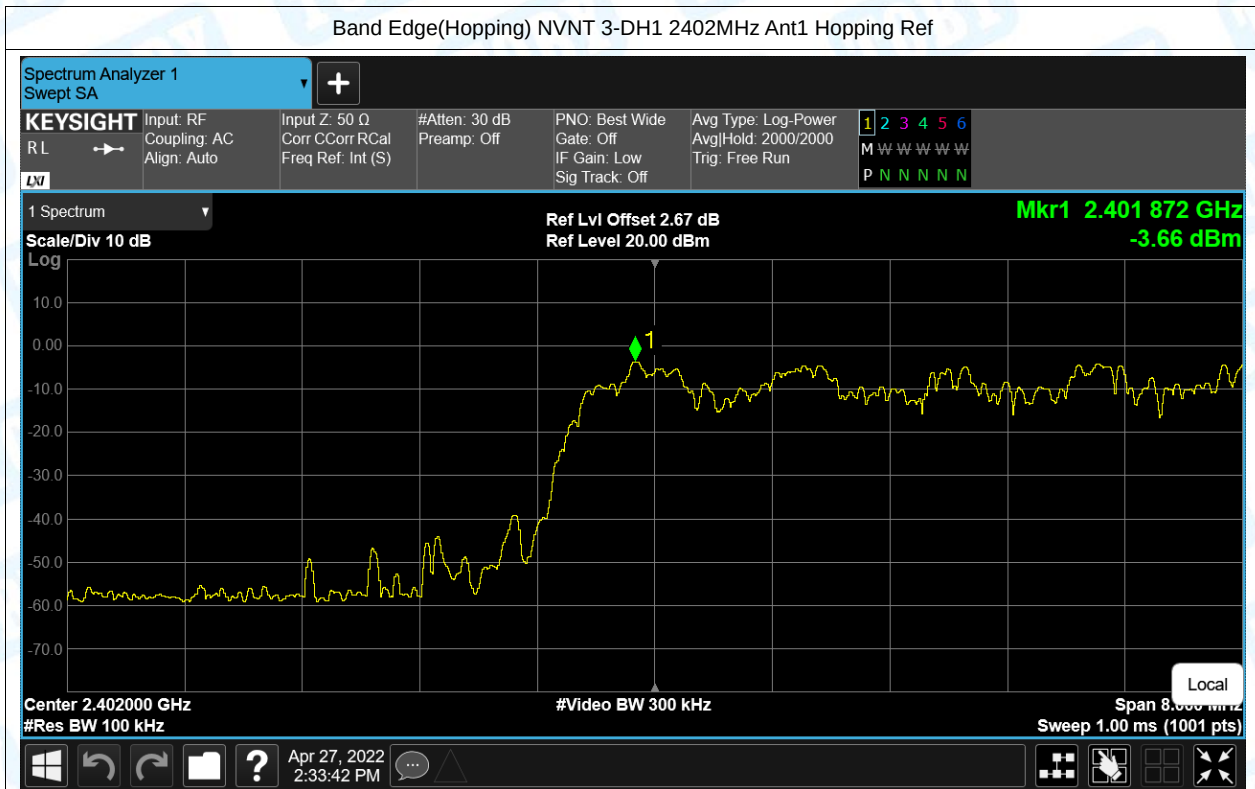
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-51.15	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-50.08	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-48.37	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-50.06	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-51.69	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-49.85	-20	Pass

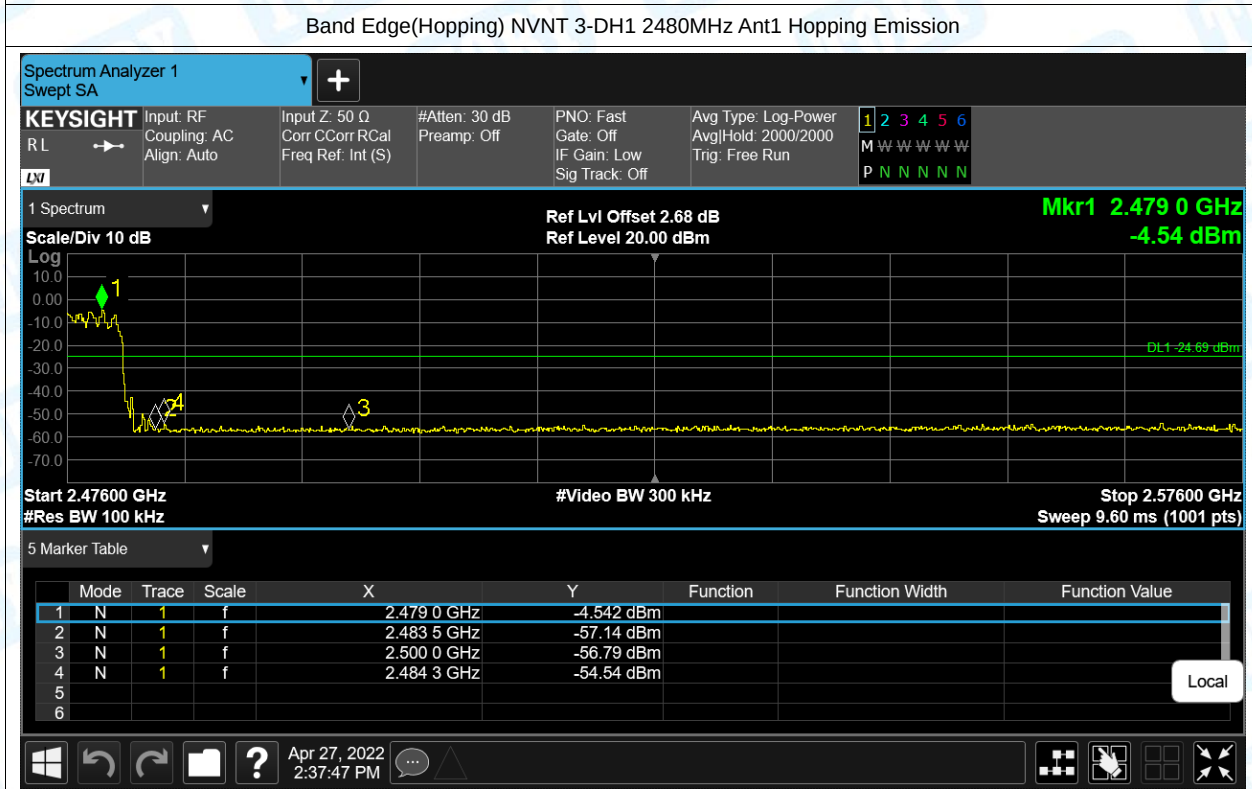
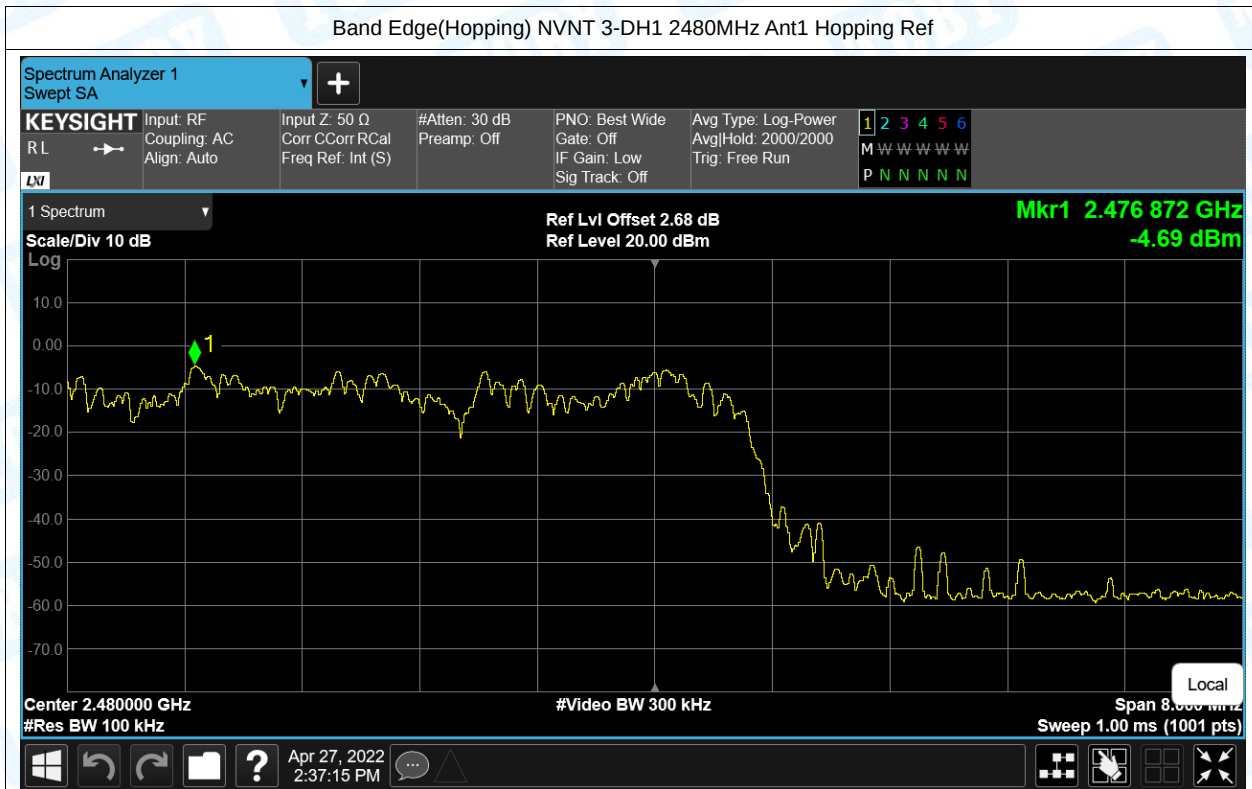












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-48.4	-20	Pass
NVNT	1-DH1	2441	Ant1	-47.05	-20	Pass
NVNT	1-DH1	2480	Ant1	-37.32	-20	Pass
NVNT	2-DH1	2402	Ant1	-46.27	-20	Pass
NVNT	2-DH1	2441	Ant1	-46.37	-20	Pass
NVNT	2-DH1	2480	Ant1	-46.95	-20	Pass
NVNT	3-DH1	2402	Ant1	-48.04	-20	Pass
NVNT	3-DH1	2441	Ant1	-47.68	-20	Pass
NVNT	3-DH1	2480	Ant1	-46.89	-20	Pass

