

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

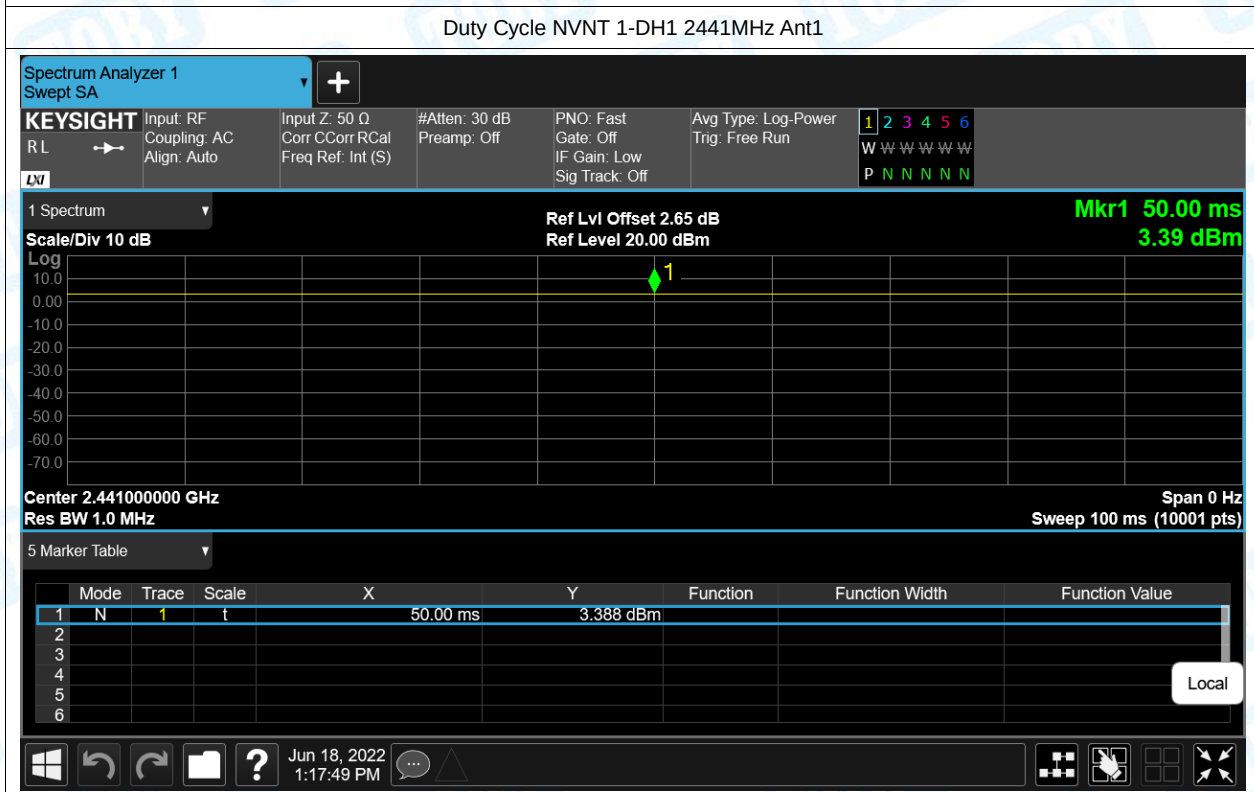
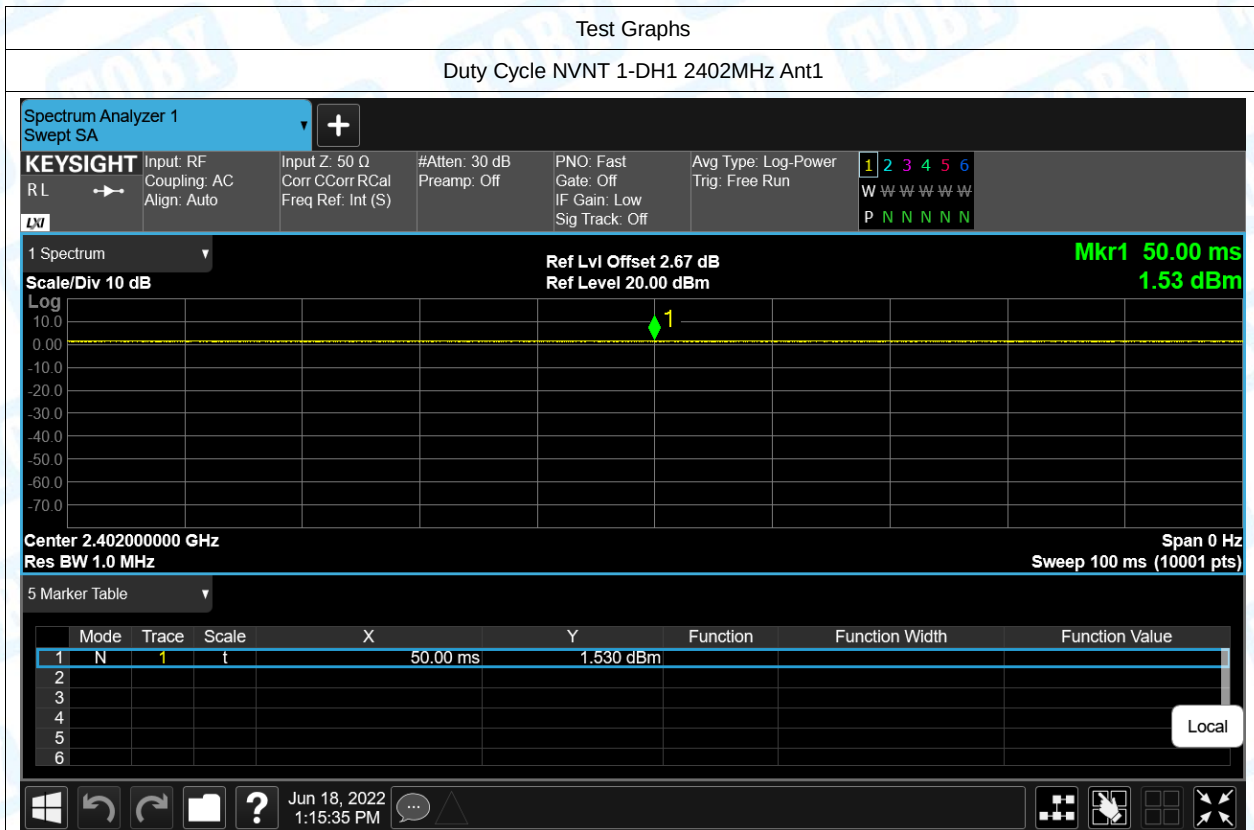
General Description of EUT	
Product Name:	Tablet PC
Test Model:	Q2S
Sample ID:	202204_0277-03-03-2
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.8V
Test Engineer:	Huangjianping
Note: For a more detailed features description, please refer to the report TBR-C-202204-0277-28	

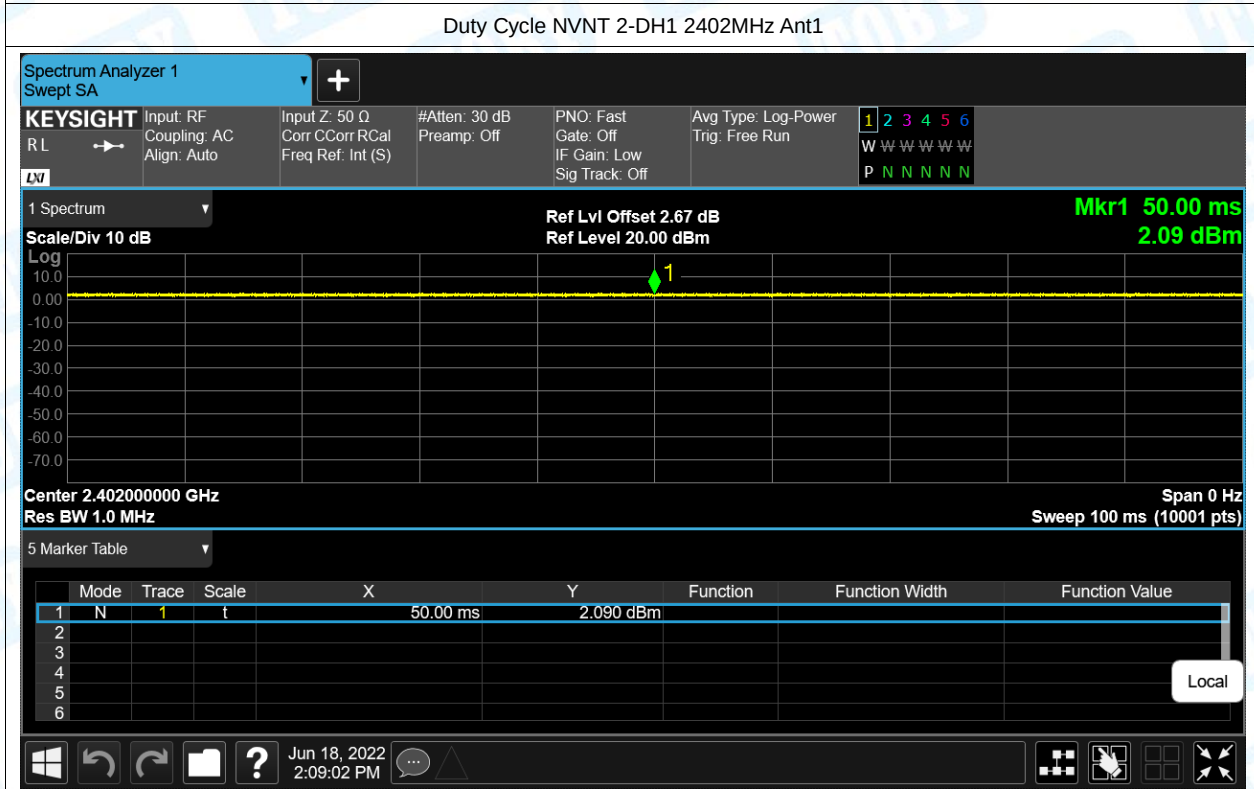
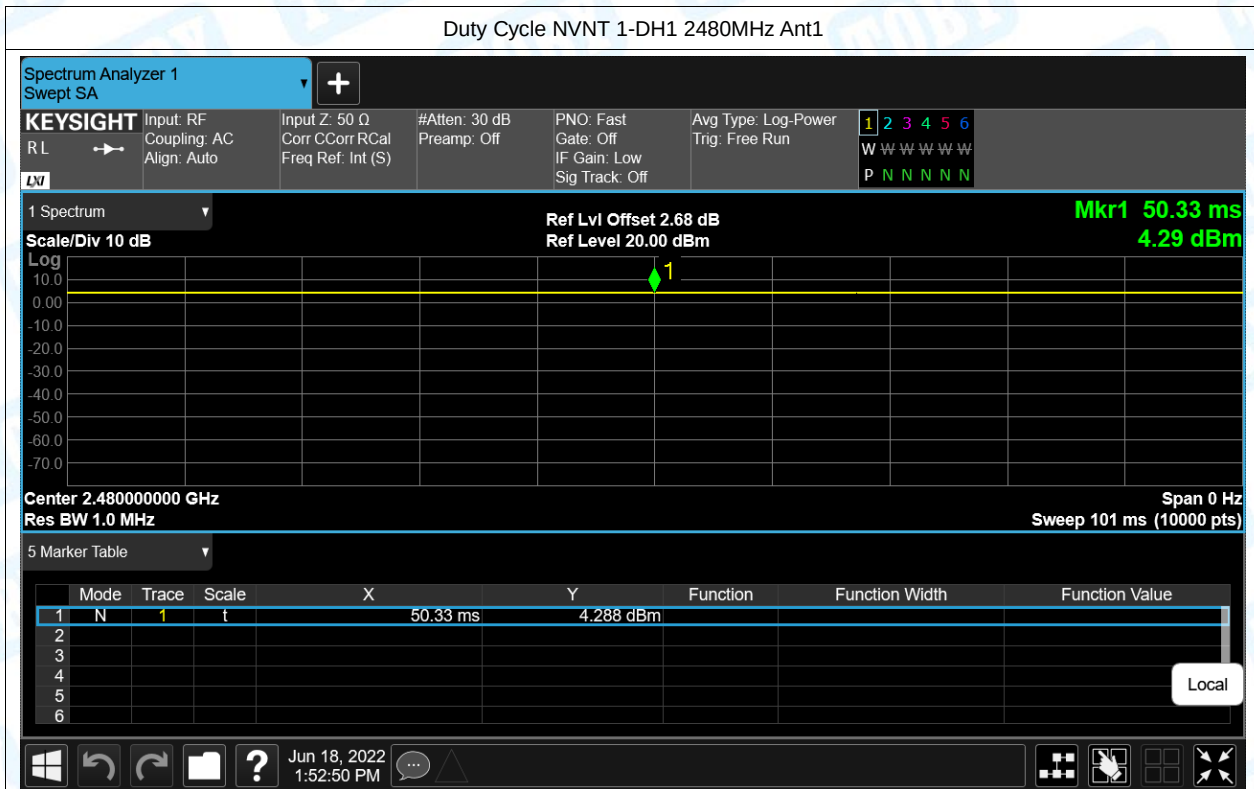
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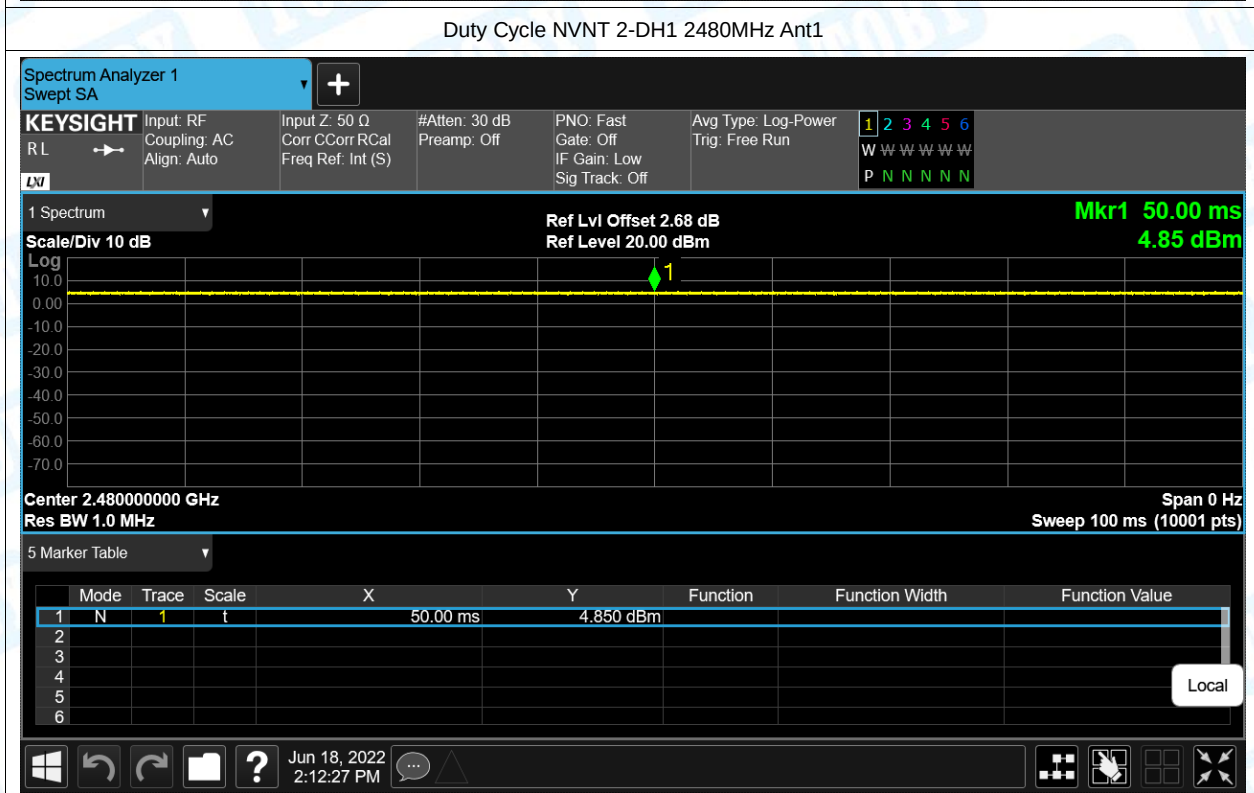
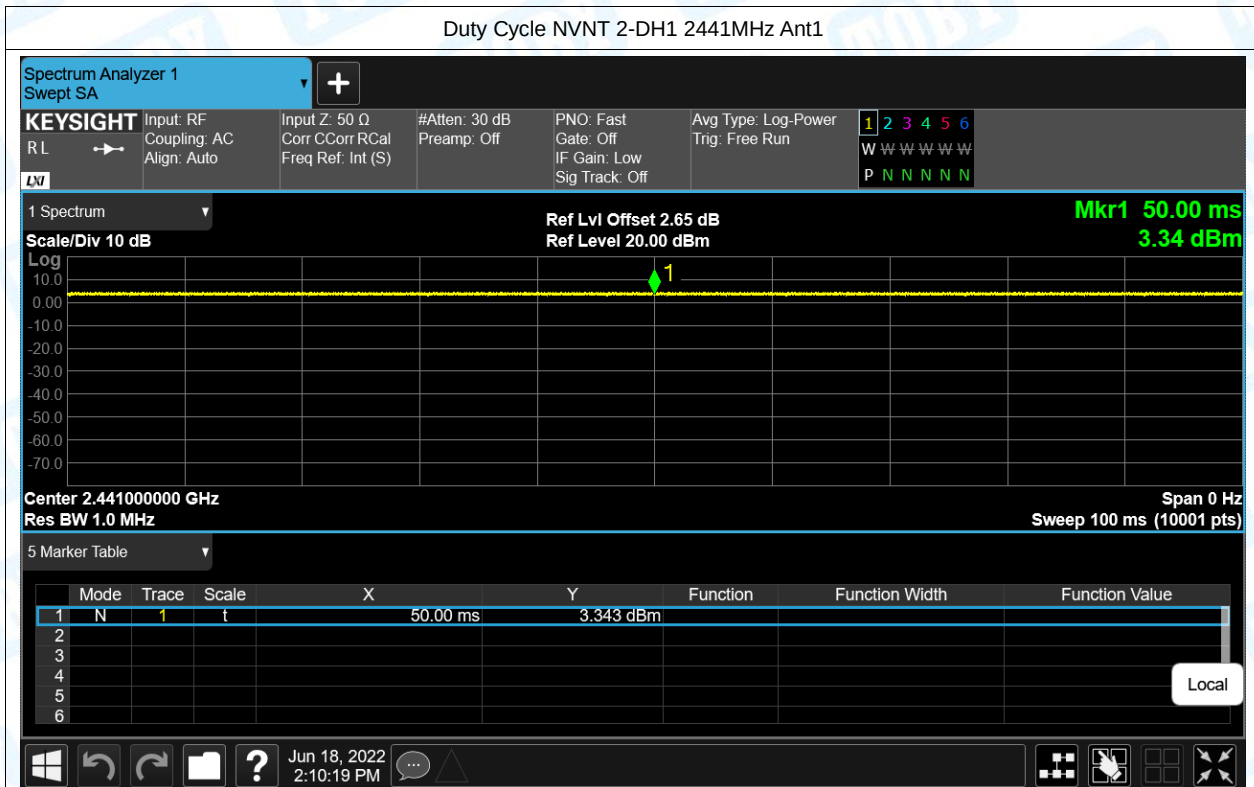
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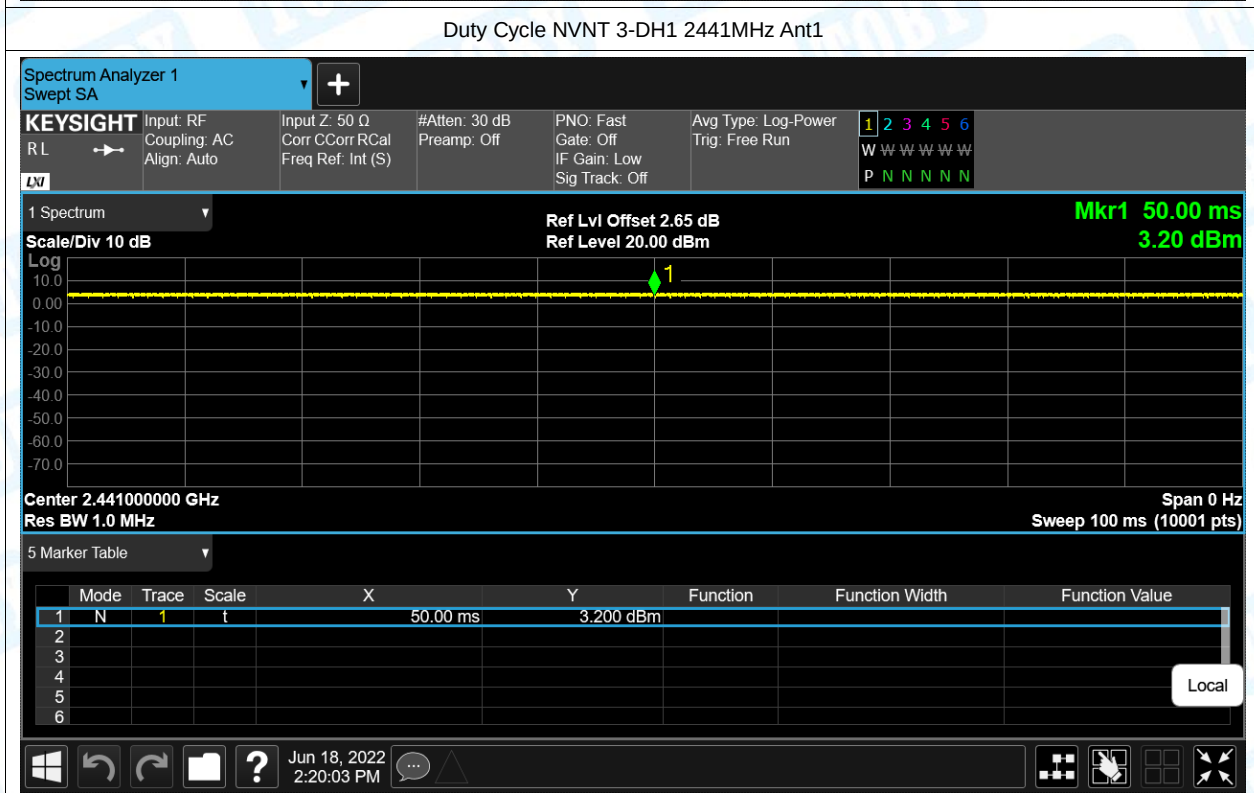
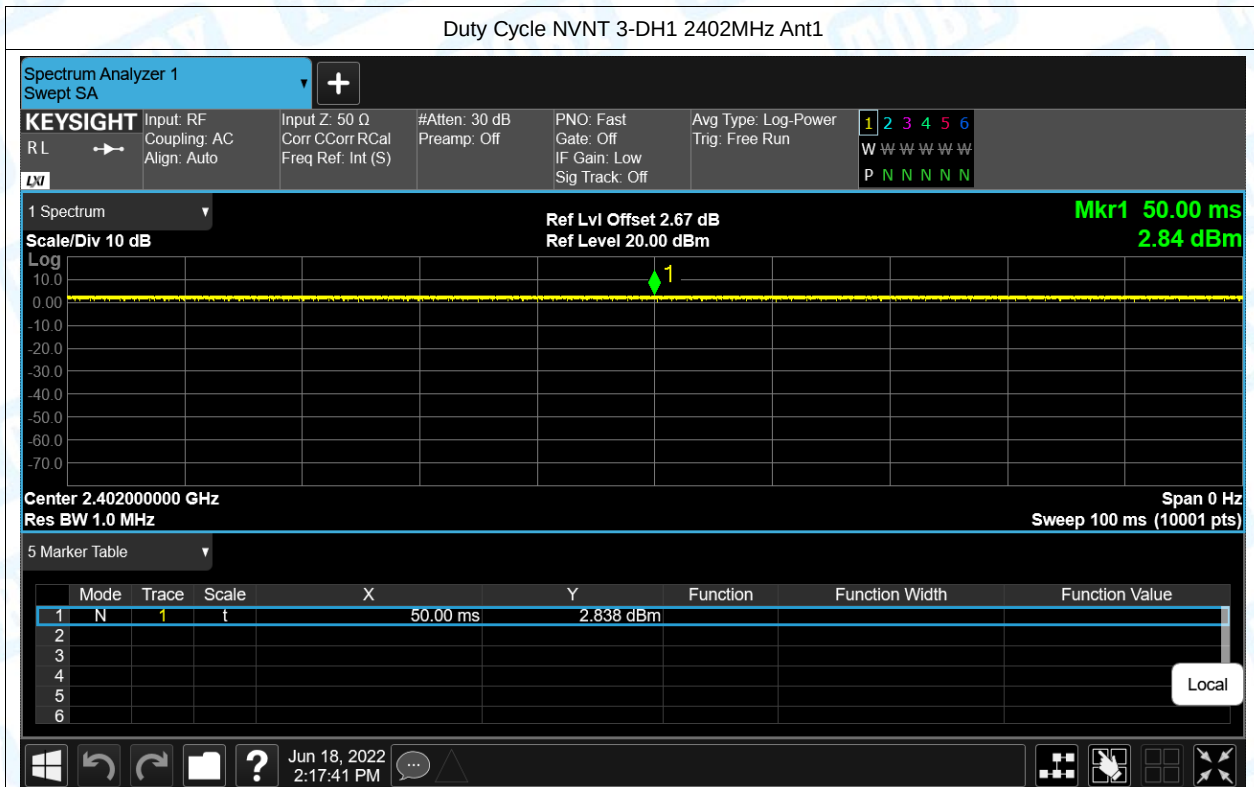
1. Duty Cycle

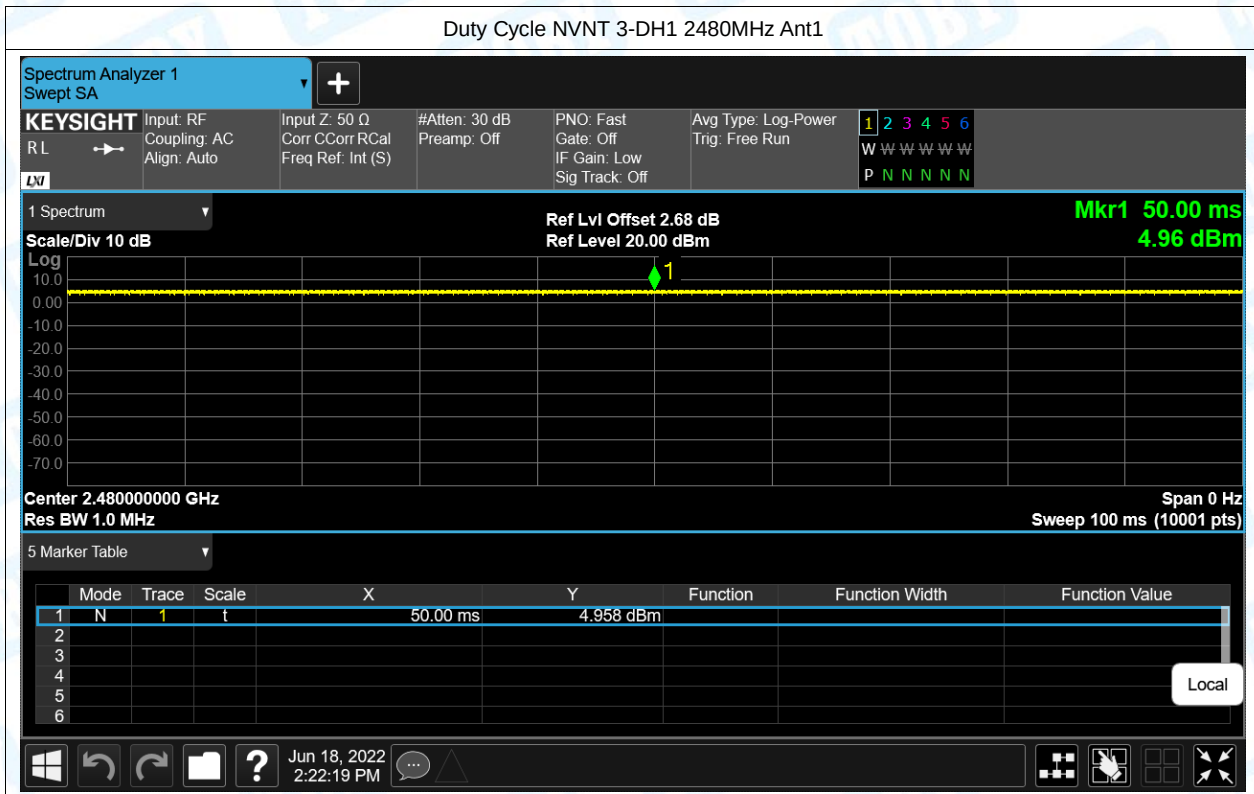
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	100	0	0
NVNT	1-DH1	2441	Ant1	100	0	0
NVNT	1-DH1	2480	Ant1	100	0	0
NVNT	2-DH1	2402	Ant1	100	0	0
NVNT	2-DH1	2441	Ant1	100	0	0
NVNT	2-DH1	2480	Ant1	100	0	0
NVNT	3-DH1	2402	Ant1	100	0	0
NVNT	3-DH1	2441	Ant1	100	0	0
NVNT	3-DH1	2480	Ant1	100	0	0





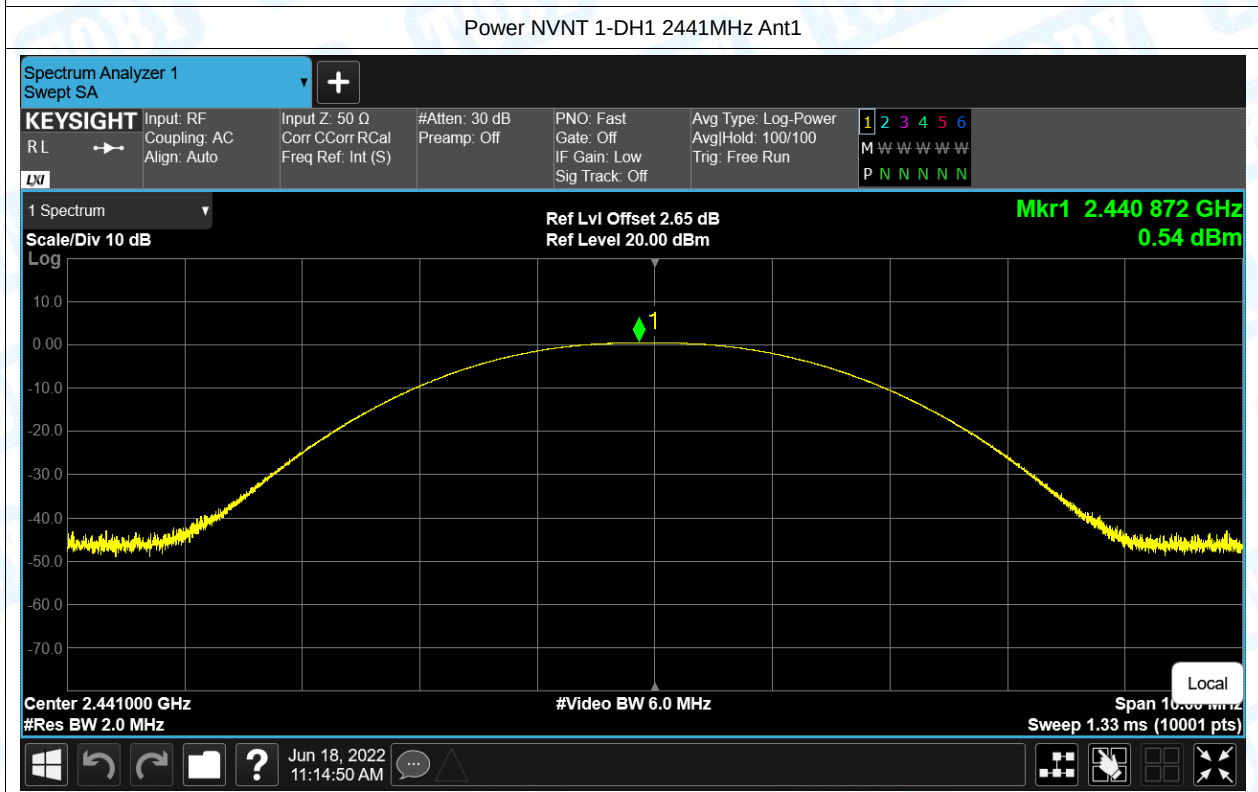
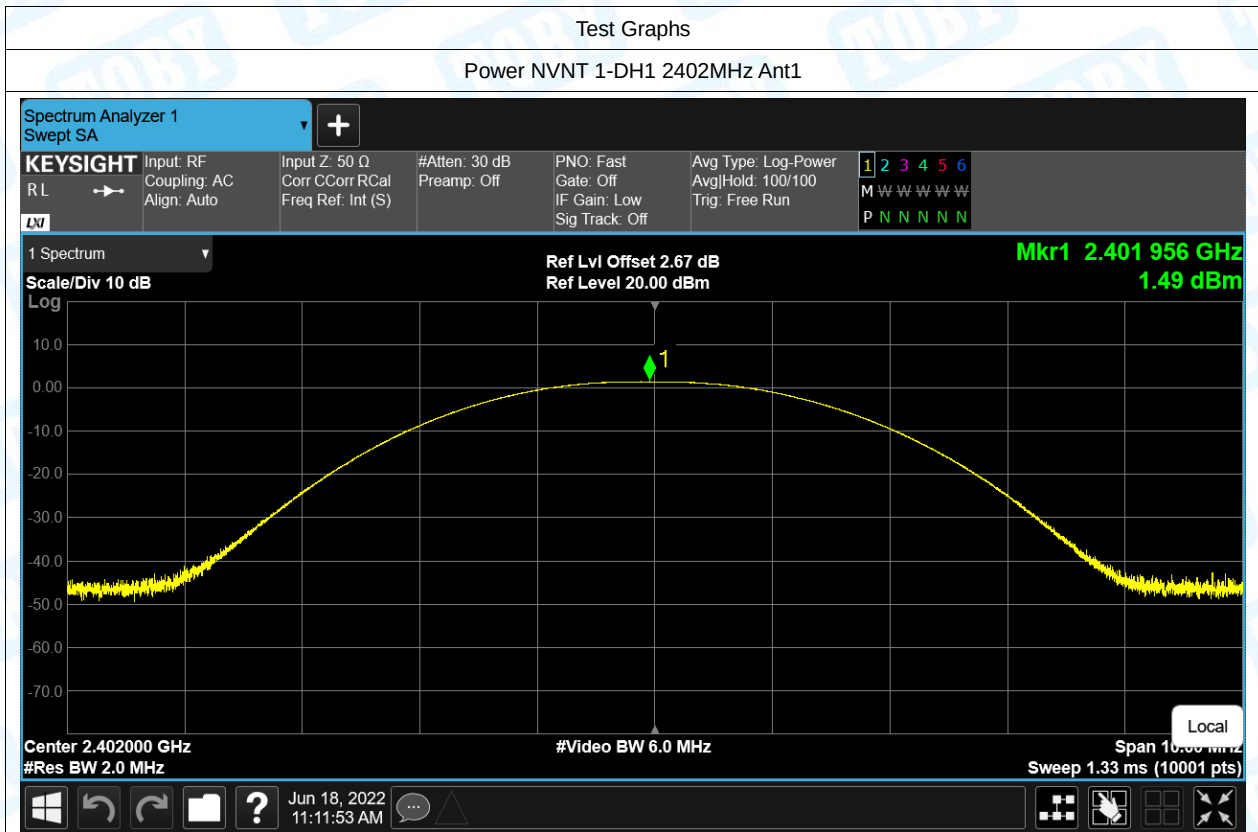


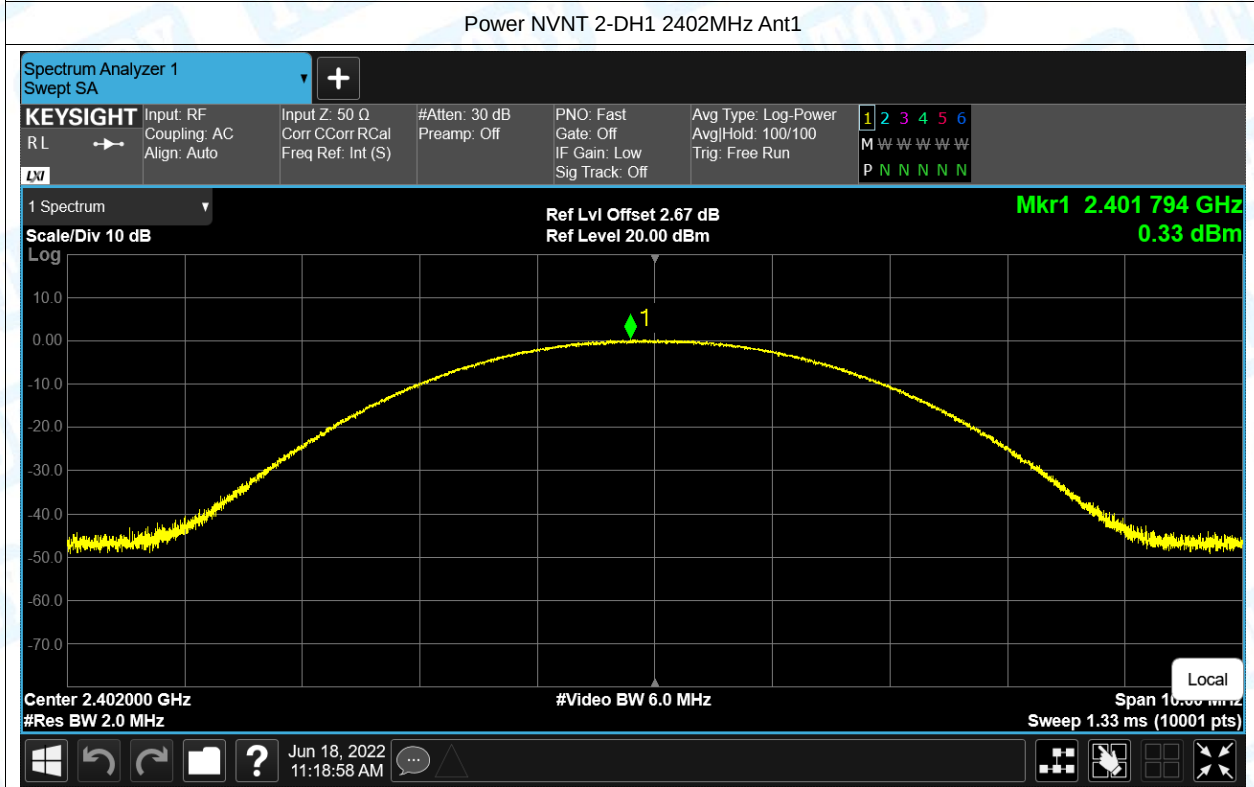


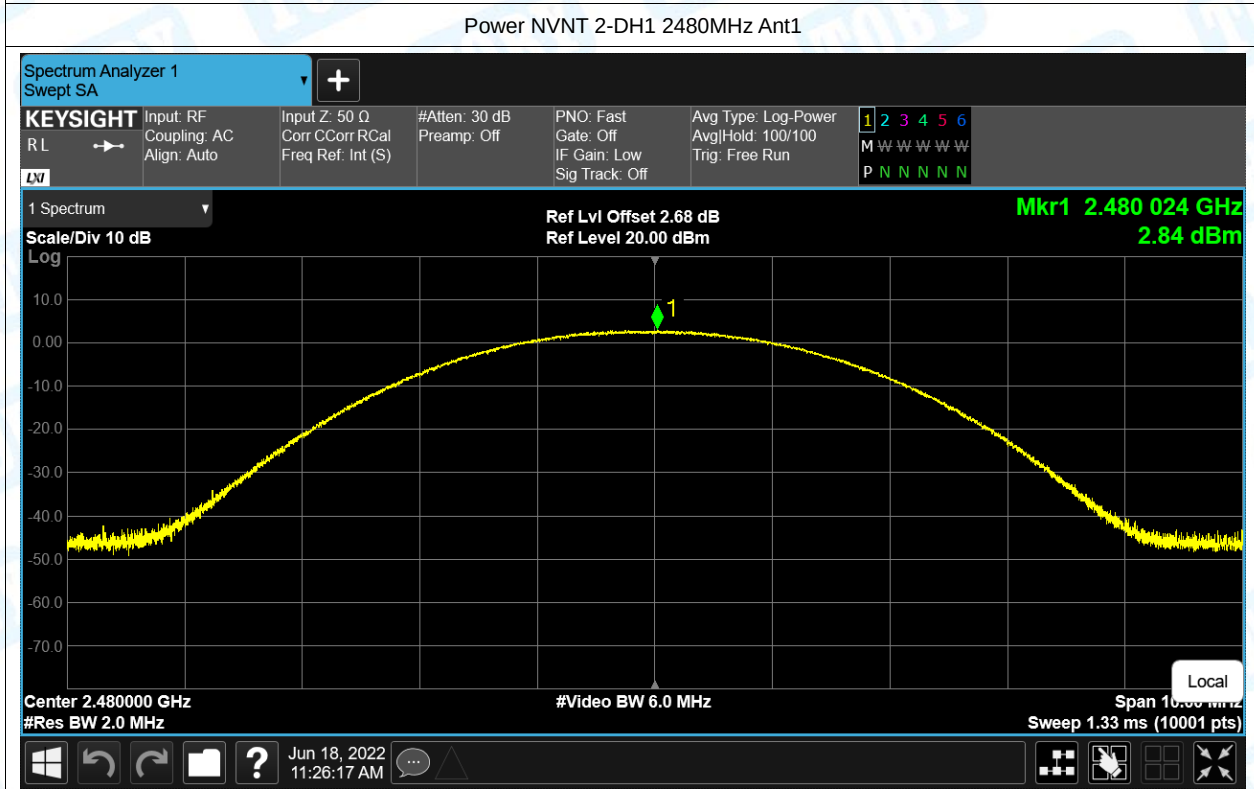
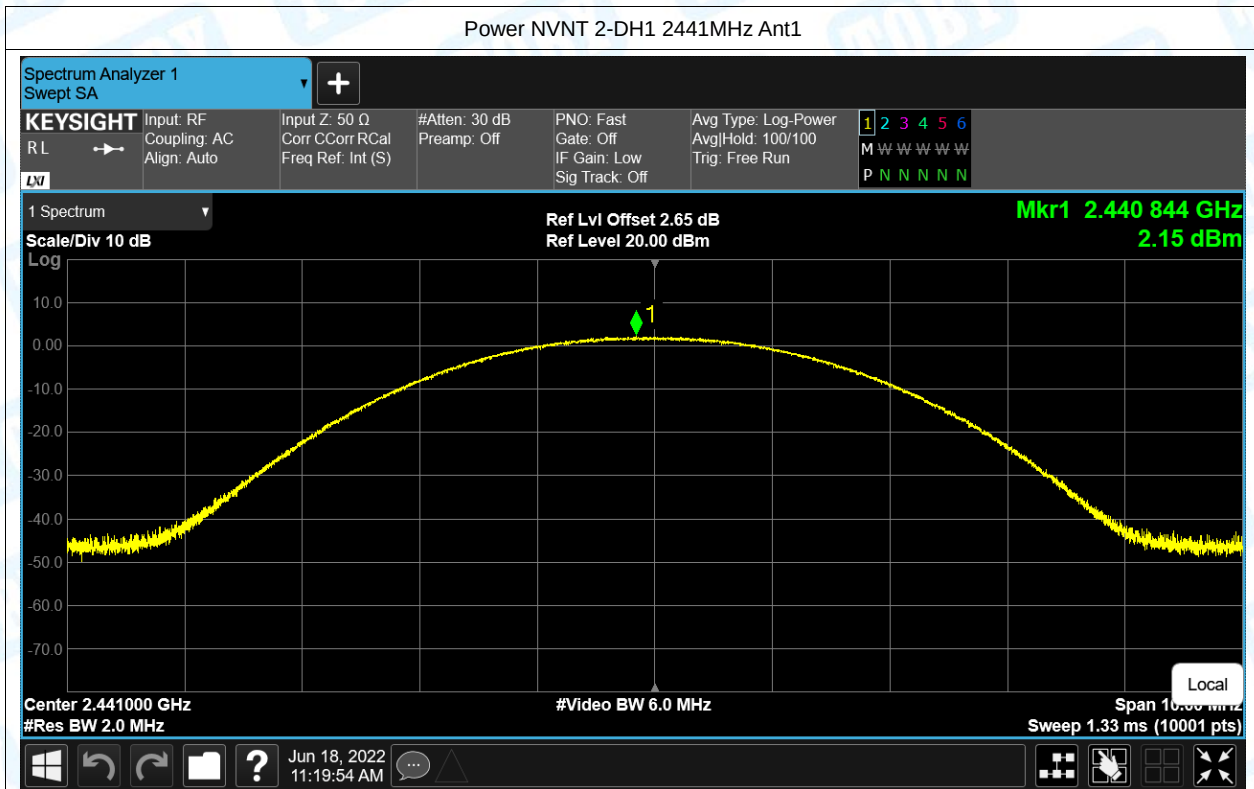


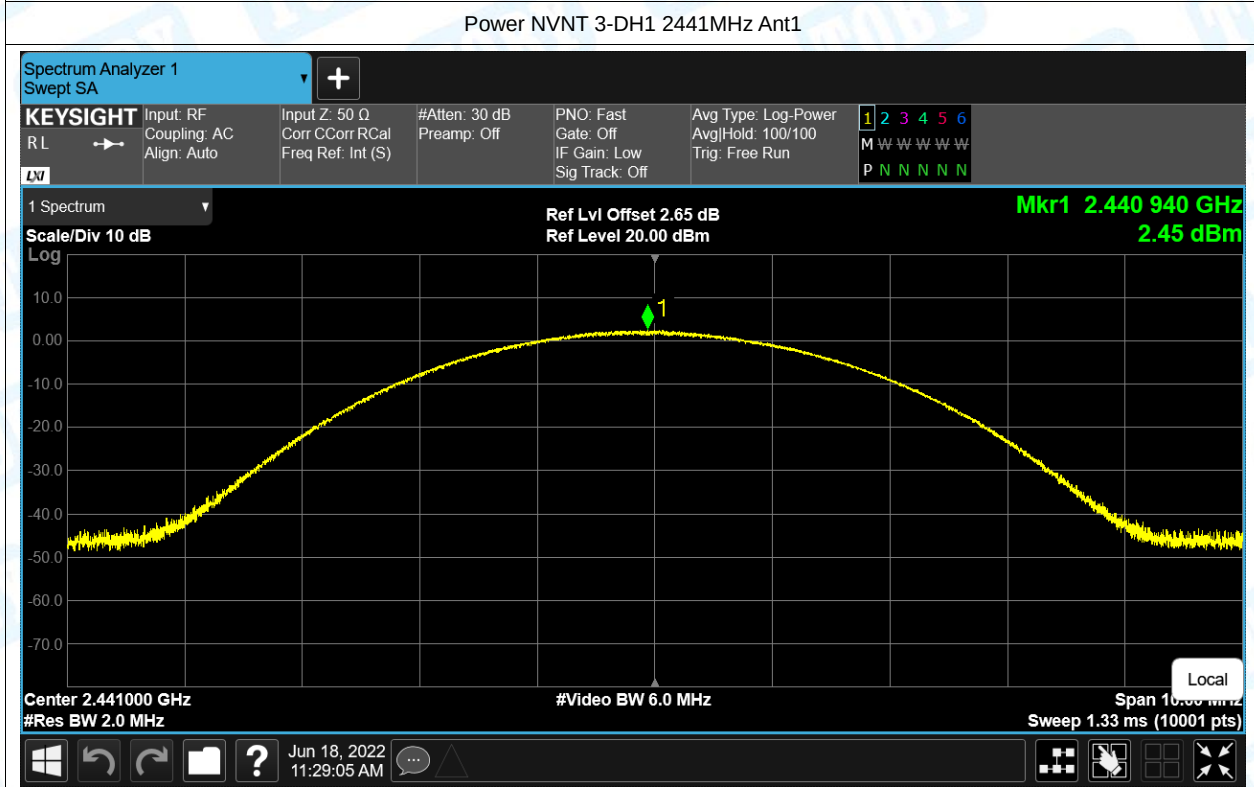
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	1.491	21	Pass
NVNT	1-DH1	2441	Ant1	0.535	21	Pass
NVNT	1-DH1	2480	Ant1	1.254	21	Pass
NVNT	2-DH1	2402	Ant1	0.335	21	Pass
NVNT	2-DH1	2441	Ant1	2.154	21	Pass
NVNT	2-DH1	2480	Ant1	2.843	21	Pass
NVNT	3-DH1	2402	Ant1	0.573	21	Pass
NVNT	3-DH1	2441	Ant1	2.449	21	Pass
NVNT	3-DH1	2480	Ant1	0.115	21	Pass











3. -20dB Bandwidth

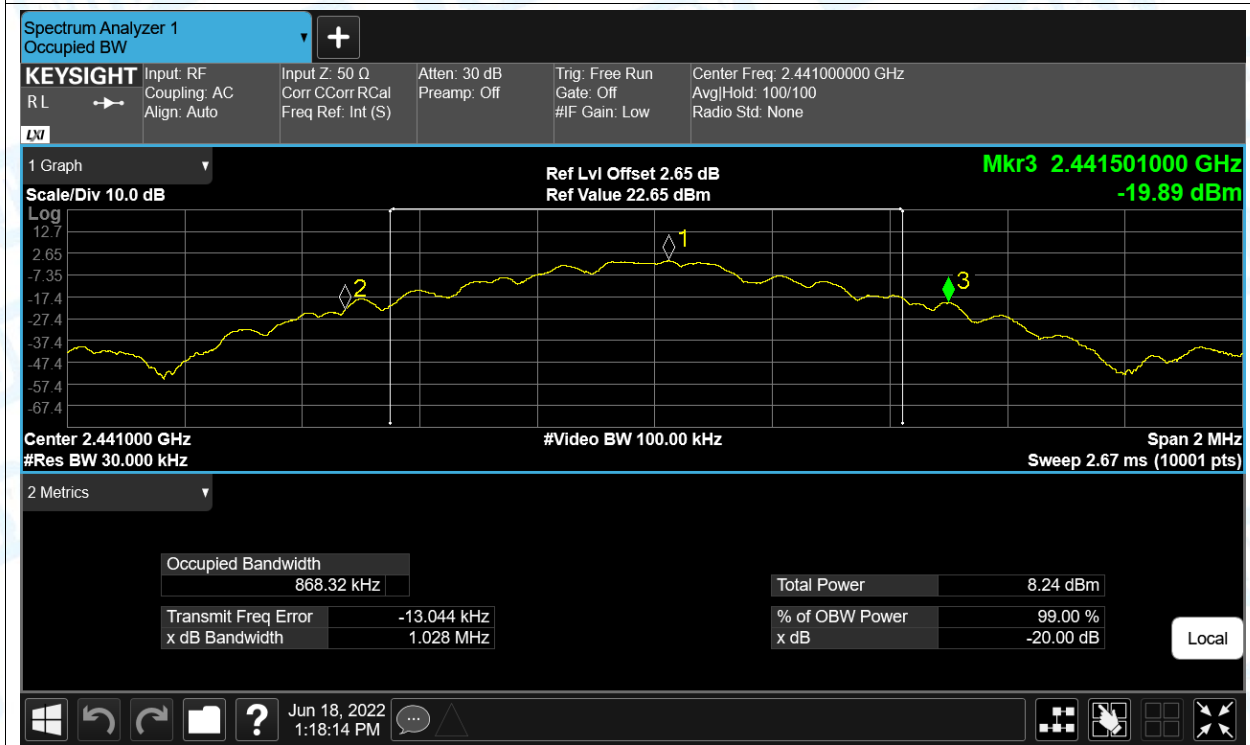
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	1.03	0	Pass
NVNT	1-DH1	2441	Ant1	1.03	0	Pass
NVNT	1-DH1	2480	Ant1	1.03	0	Pass
NVNT	2-DH1	2402	Ant1	1.34	0	Pass
NVNT	2-DH1	2441	Ant1	1.34	0	Pass
NVNT	2-DH1	2480	Ant1	1.33	0	Pass
NVNT	3-DH1	2402	Ant1	1.29	0	Pass
NVNT	3-DH1	2441	Ant1	1.29	0	Pass
NVNT	3-DH1	2480	Ant1	1.29	0	Pass

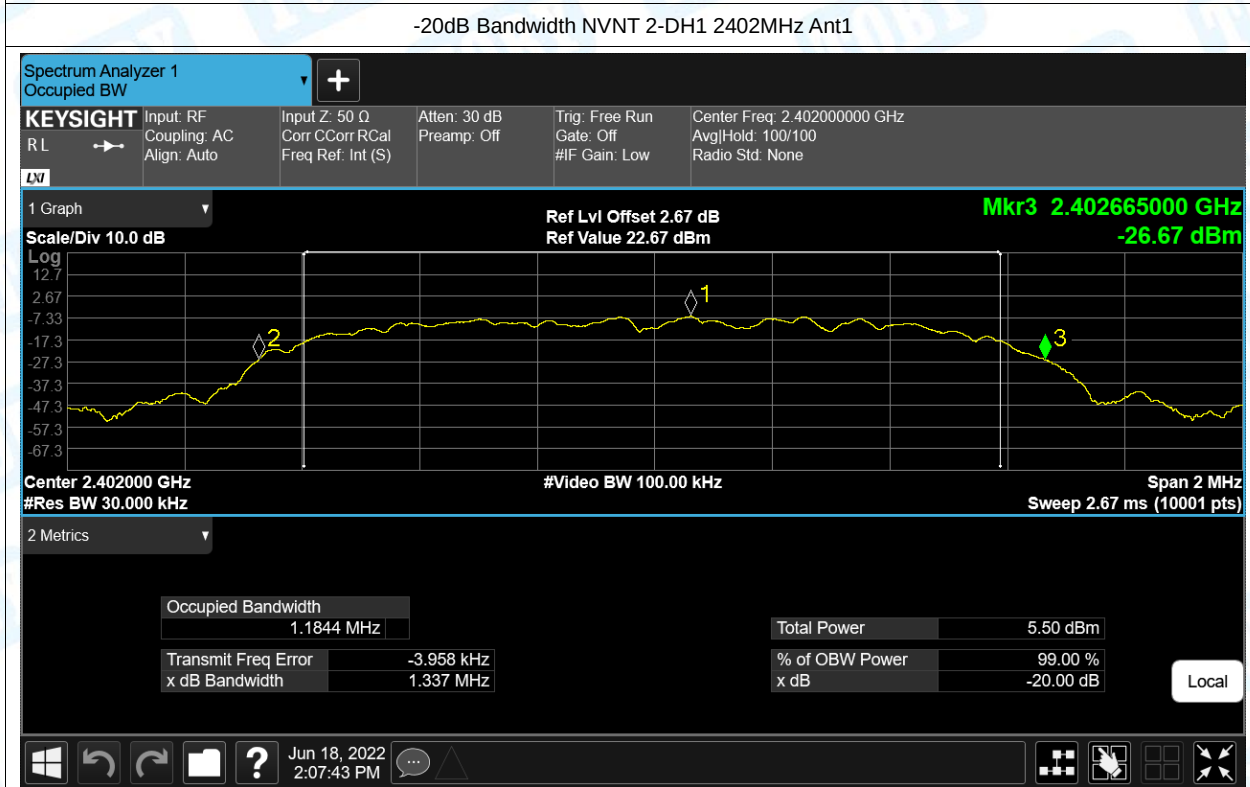
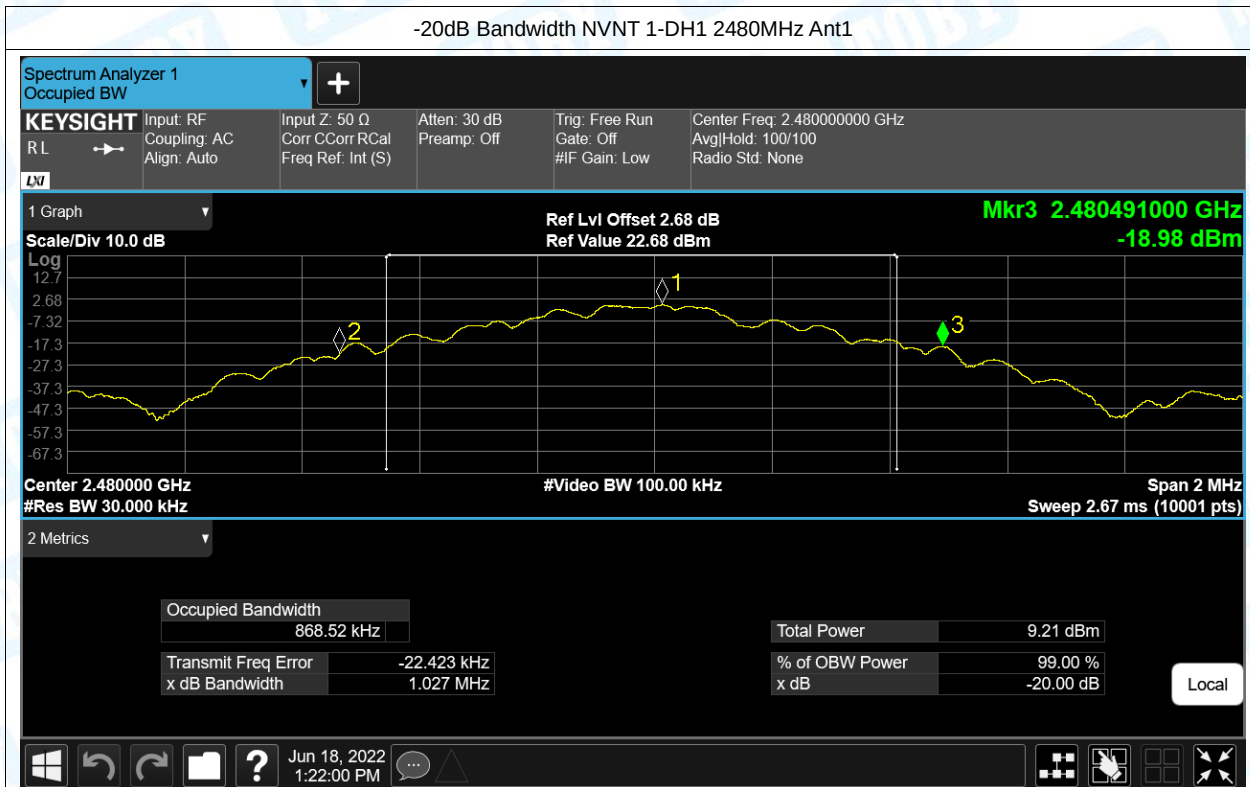
Test Graphs

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1

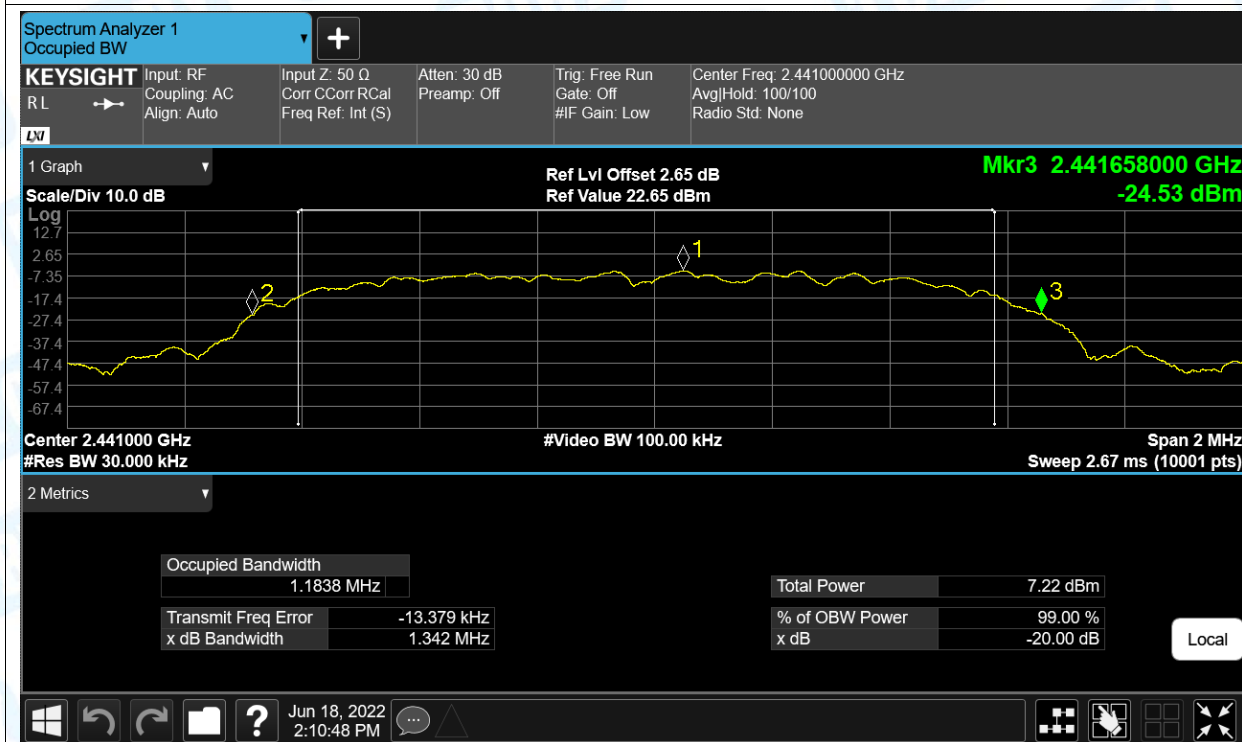


-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1

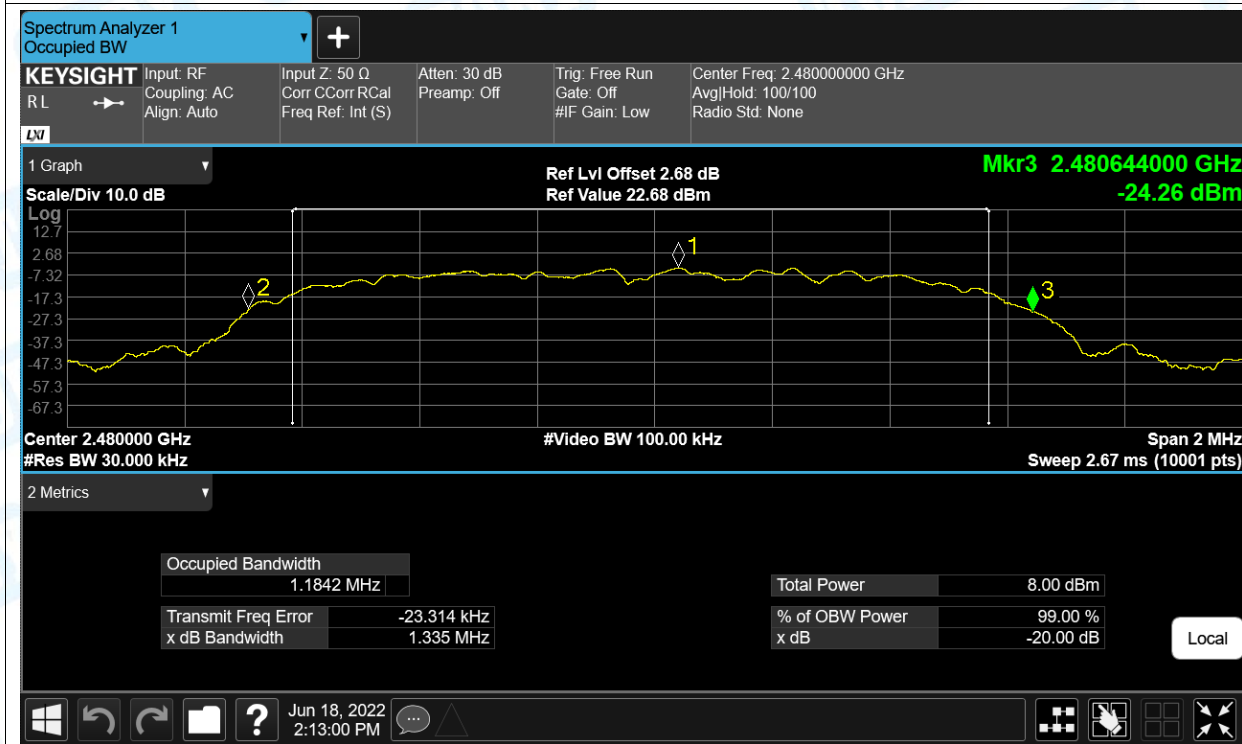


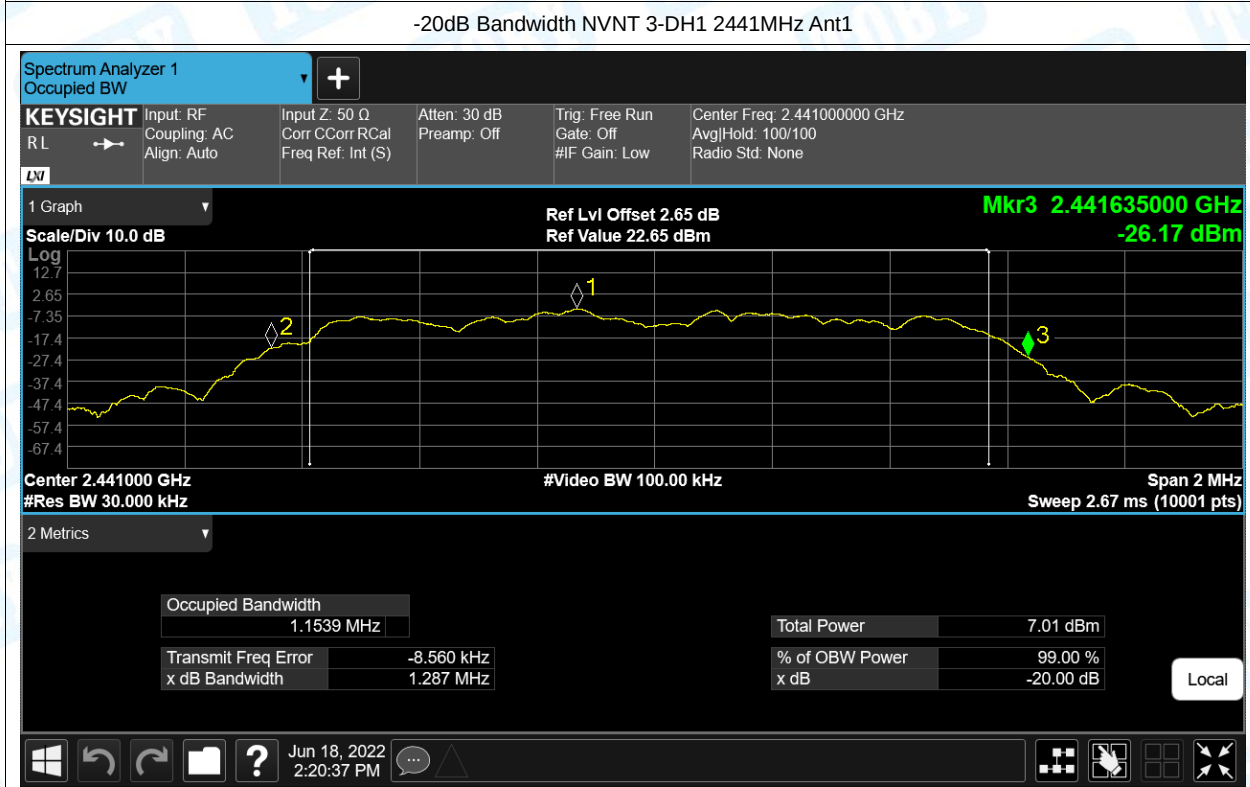
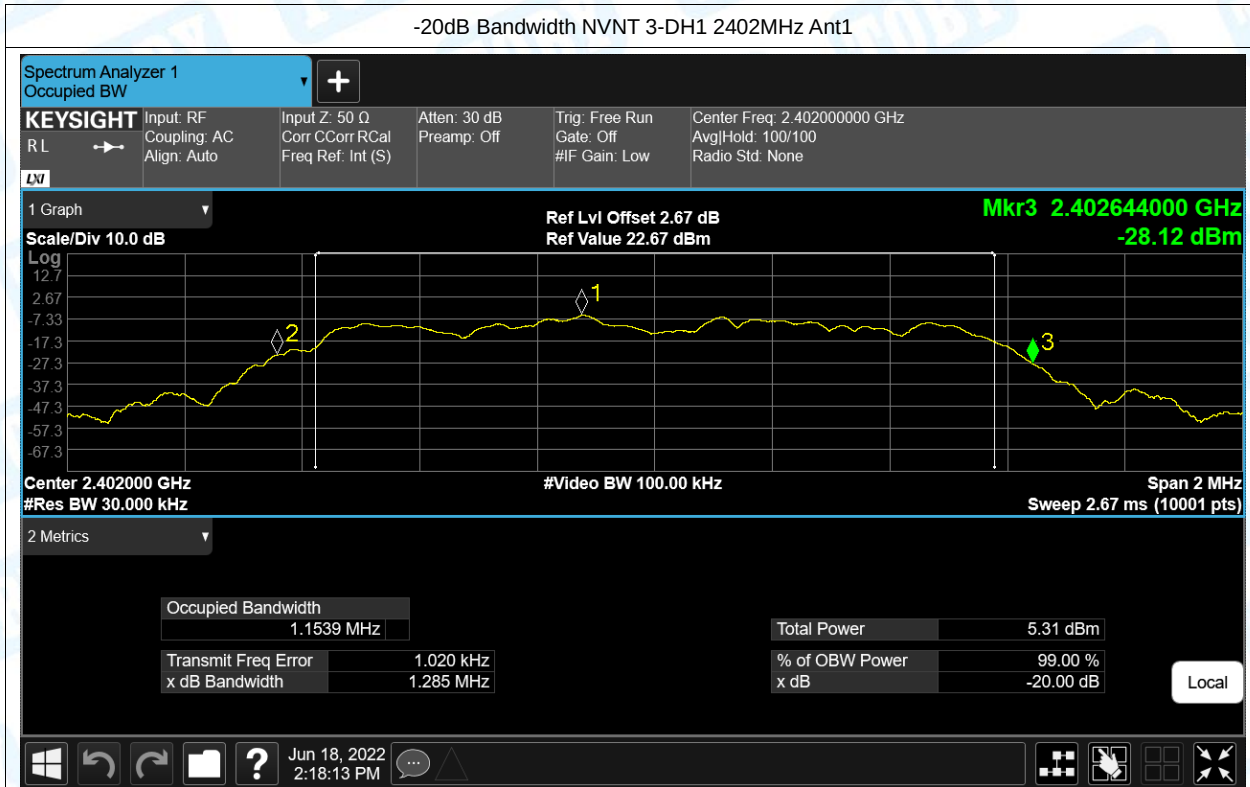


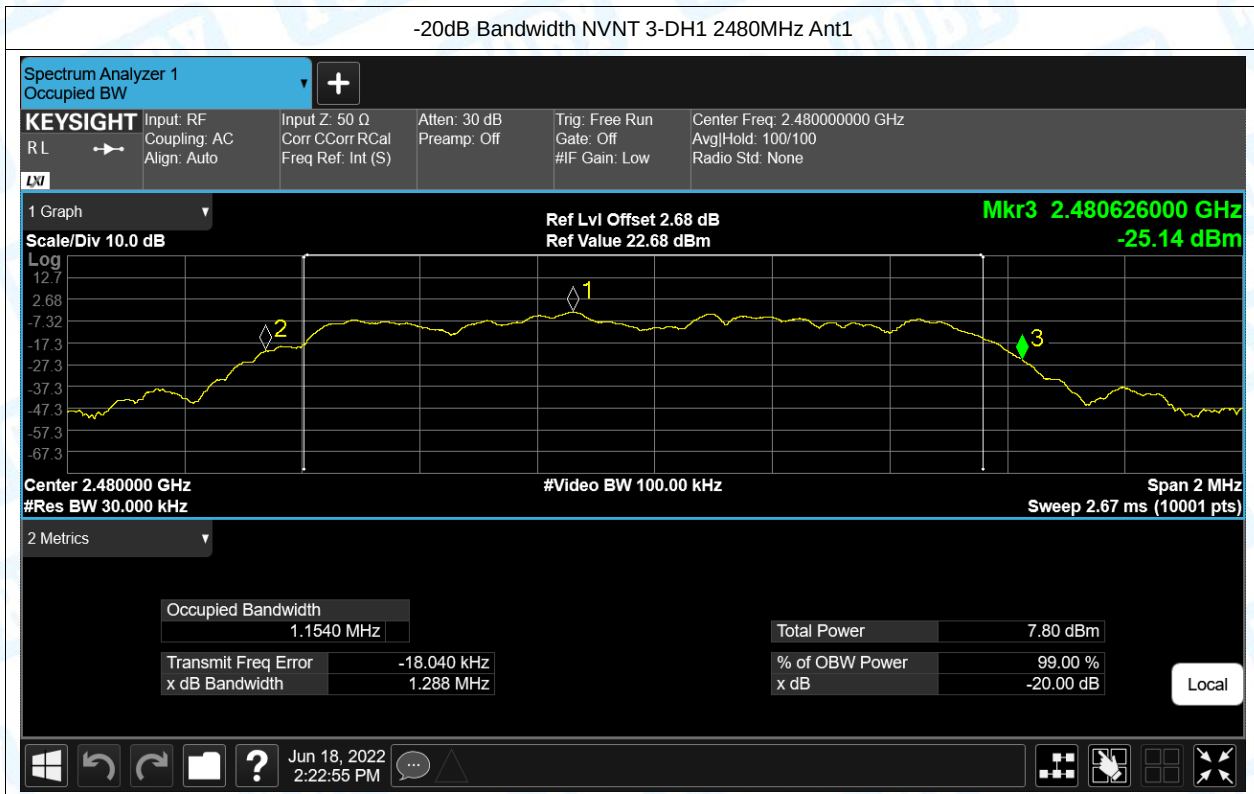
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1







4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.867
NVNT	1-DH1	2441	Ant1	0.868
NVNT	1-DH1	2480	Ant1	0.869
NVNT	2-DH1	2402	Ant1	1.184
NVNT	2-DH1	2441	Ant1	1.185
NVNT	2-DH1	2480	Ant1	1.186
NVNT	3-DH1	2402	Ant1	1.153
NVNT	3-DH1	2441	Ant1	1.153
NVNT	3-DH1	2480	Ant1	1.155

Test Graphs

OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1

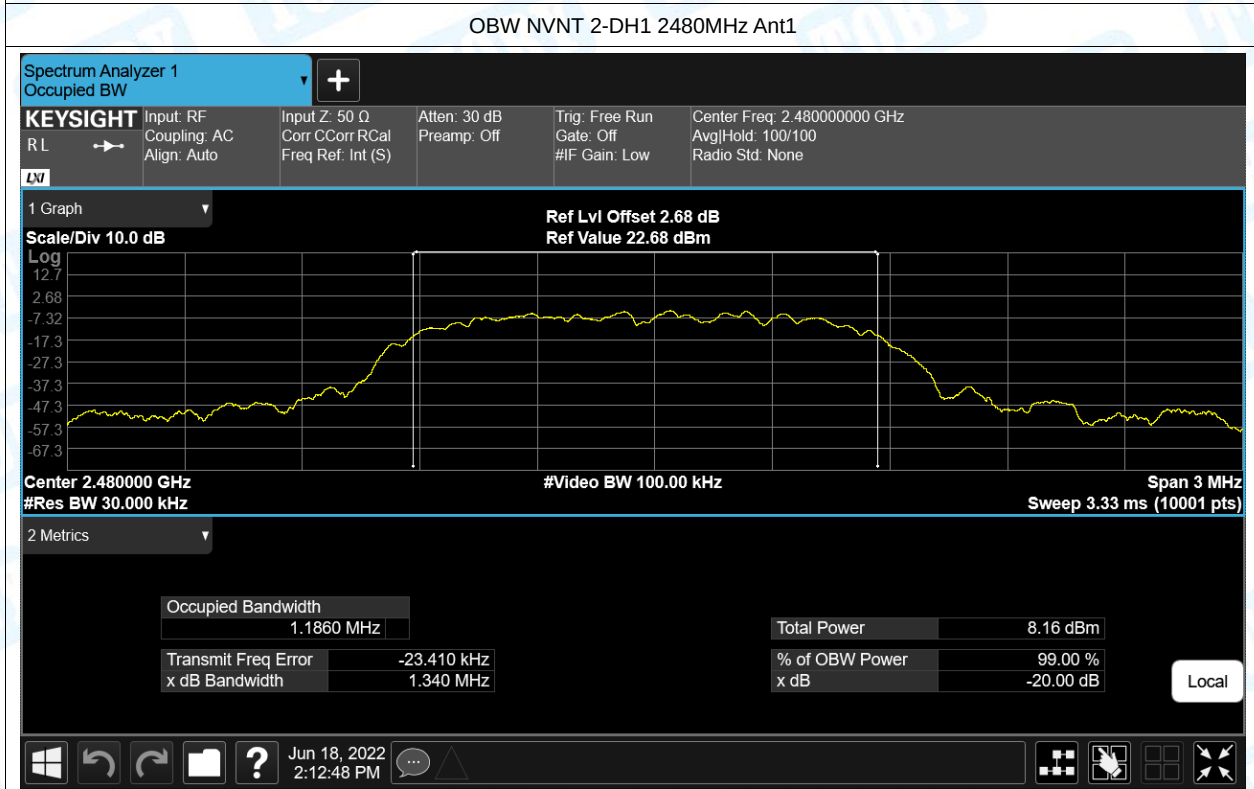
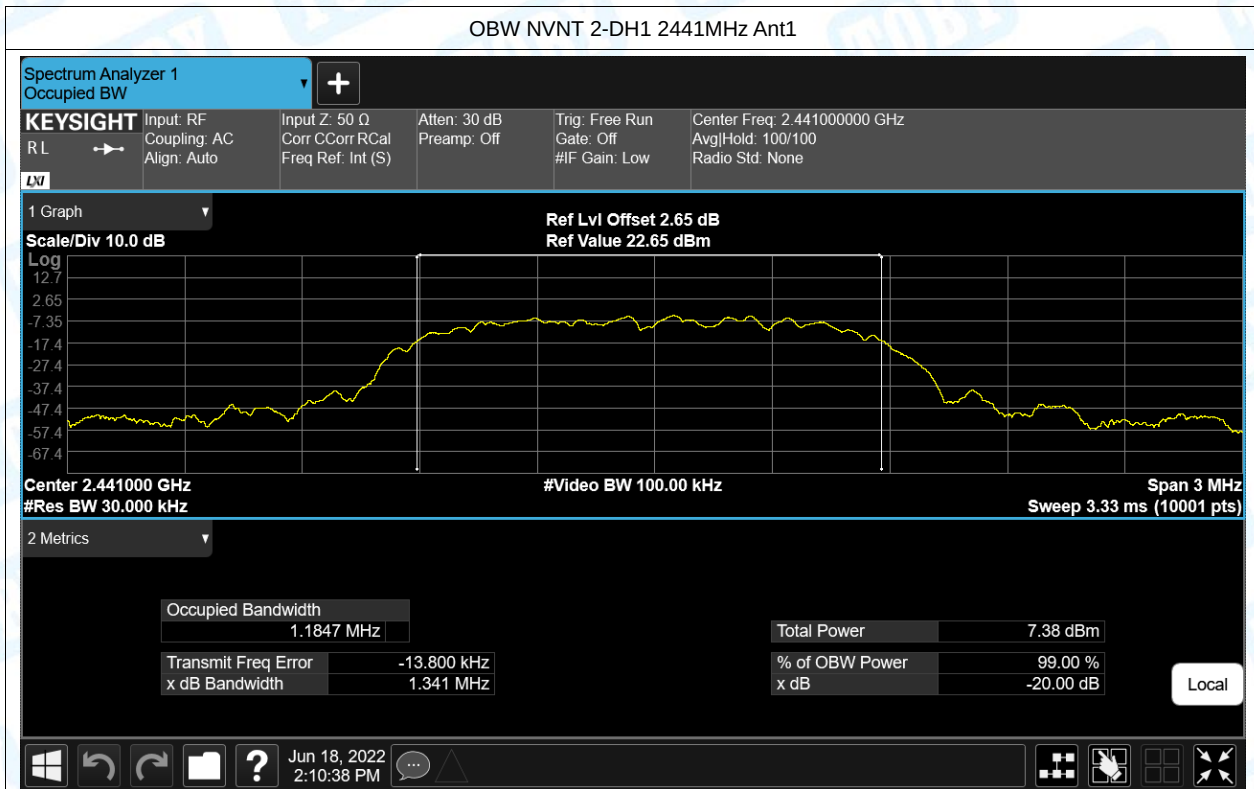


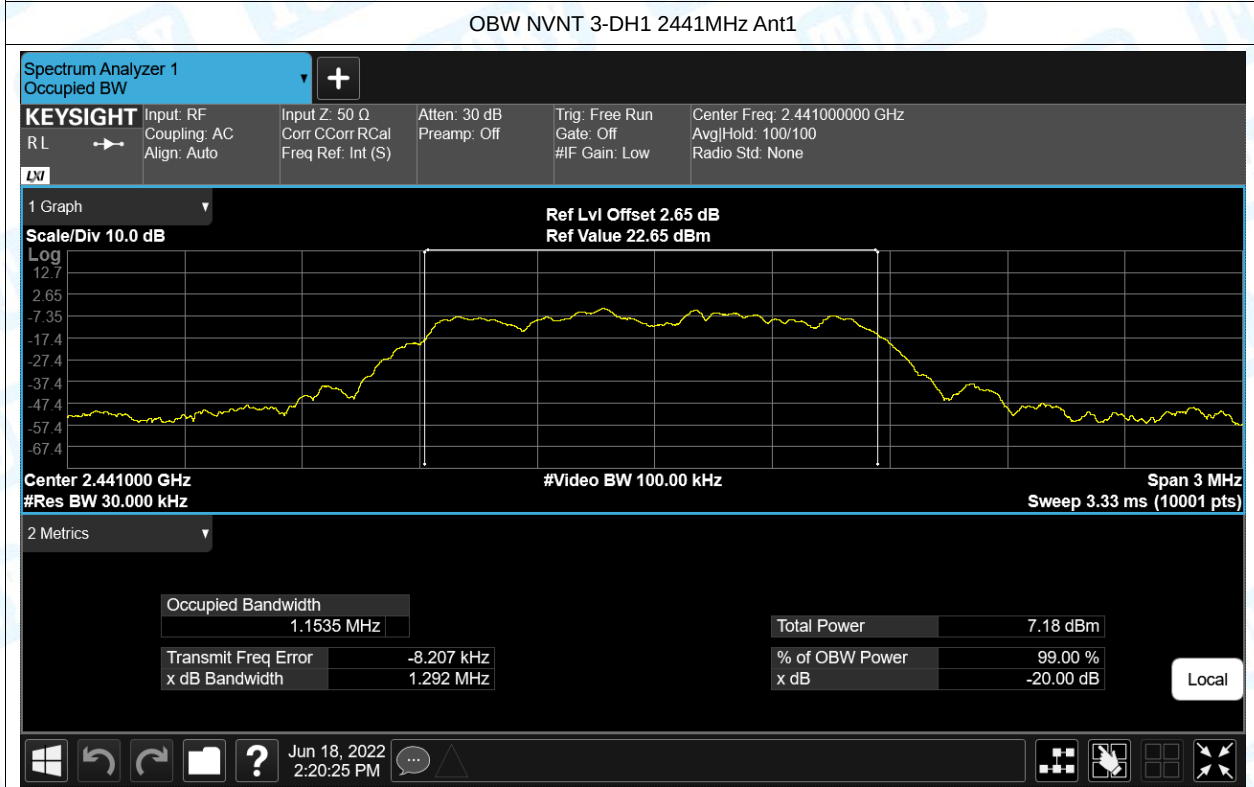
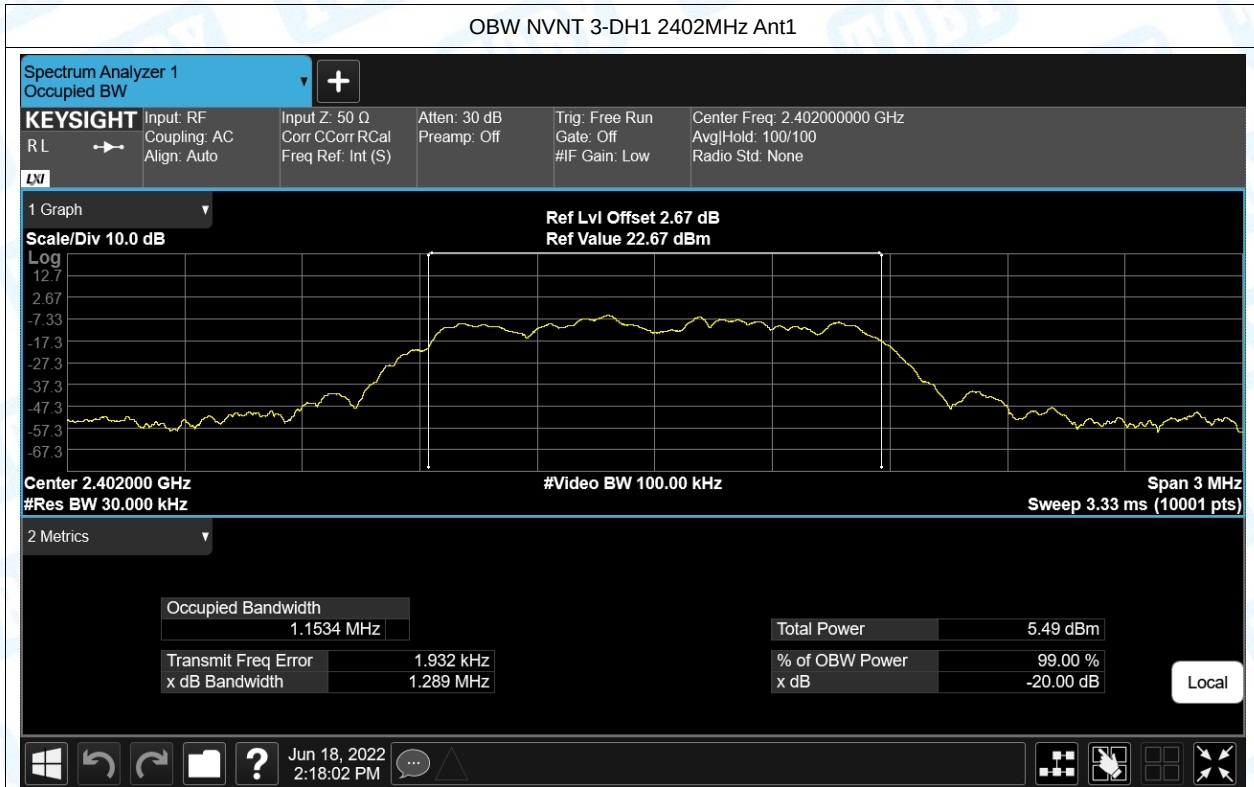
OBW NVNT 1-DH1 2480MHz Ant1

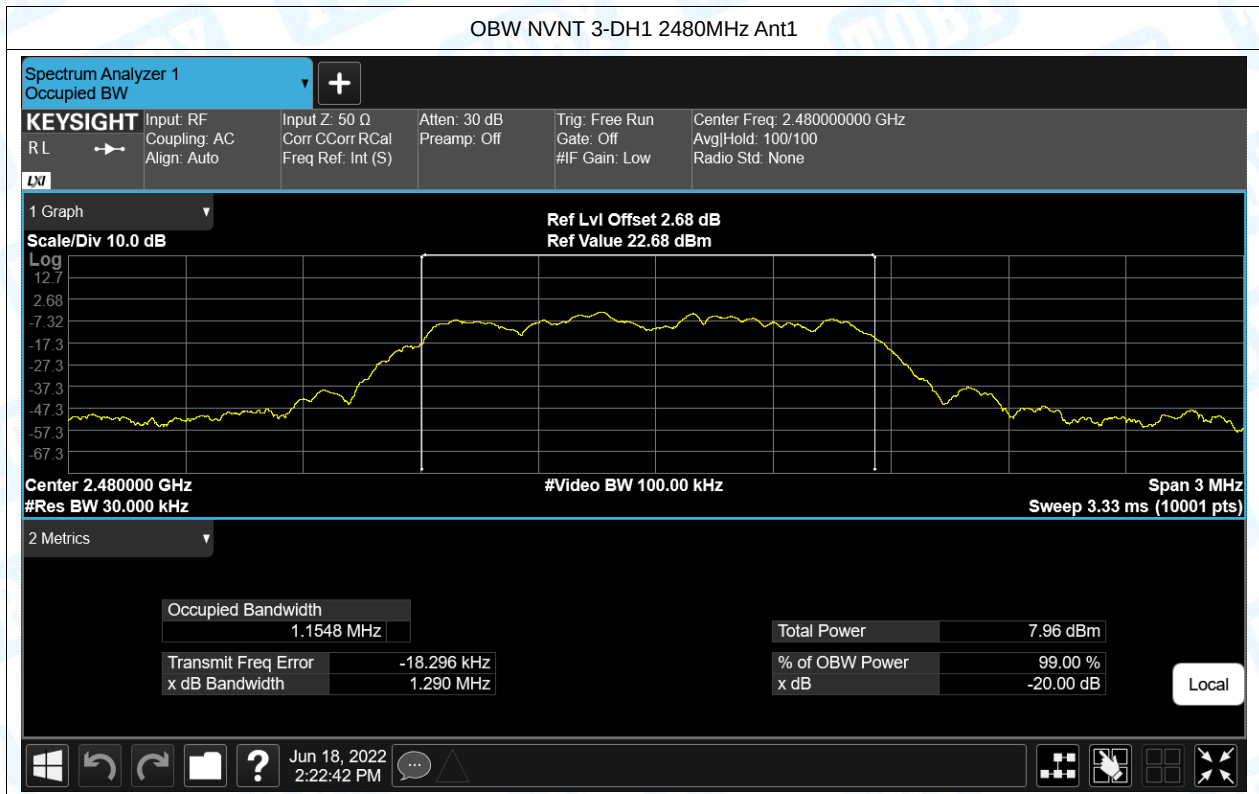


OBW NVNT 2-DH1 2402MHz Ant1







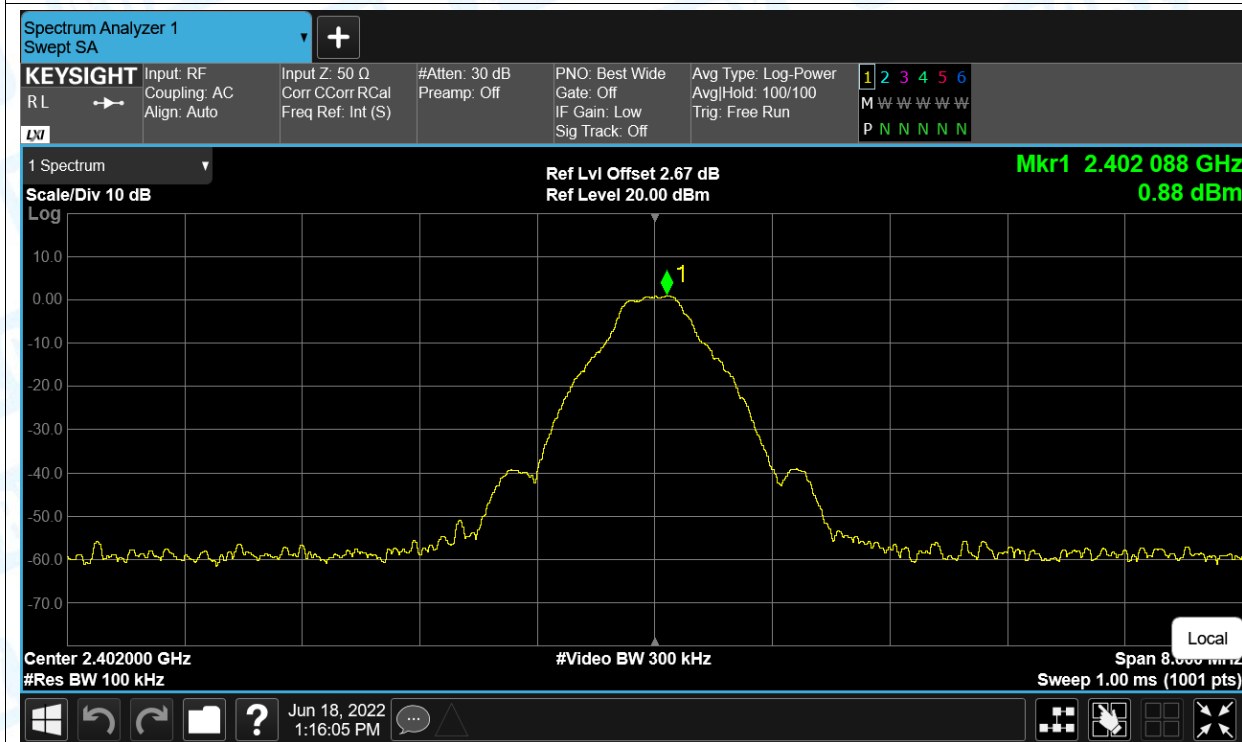


5. Band Edge

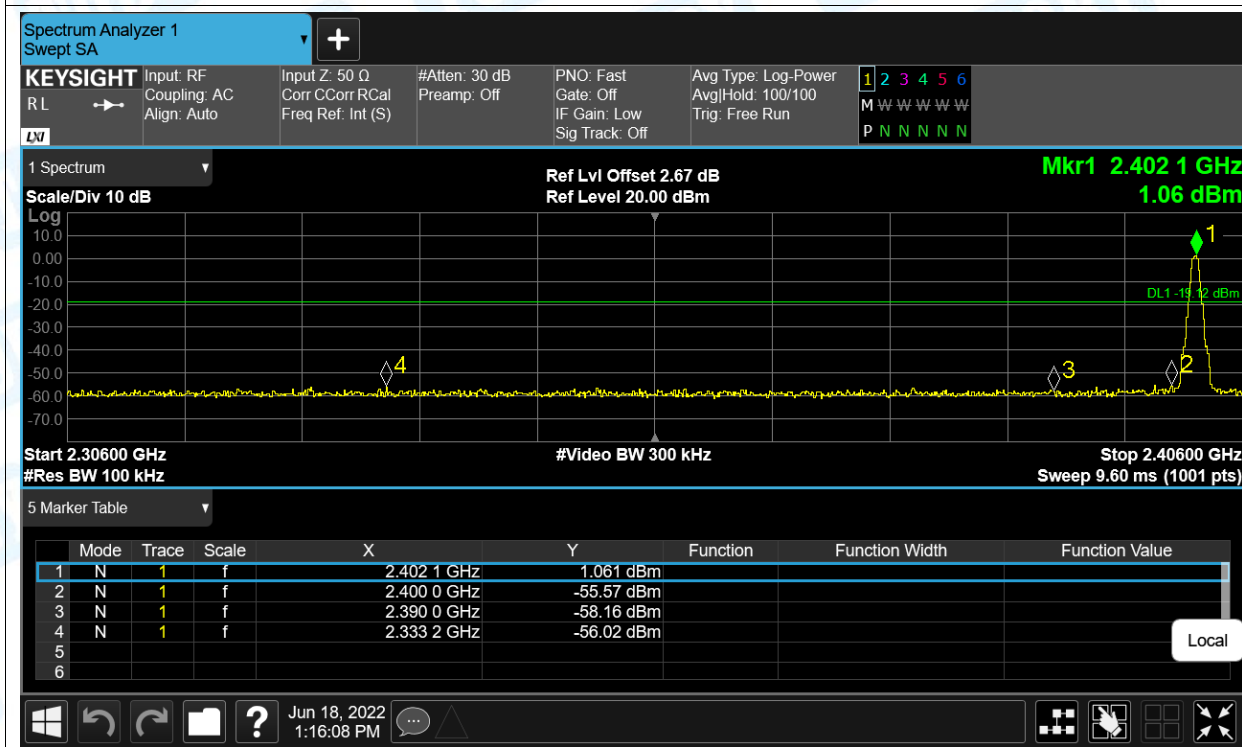
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-56.9	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-58.86	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-54.31	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-55.98	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-54.48	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-56.58	-20	Pass

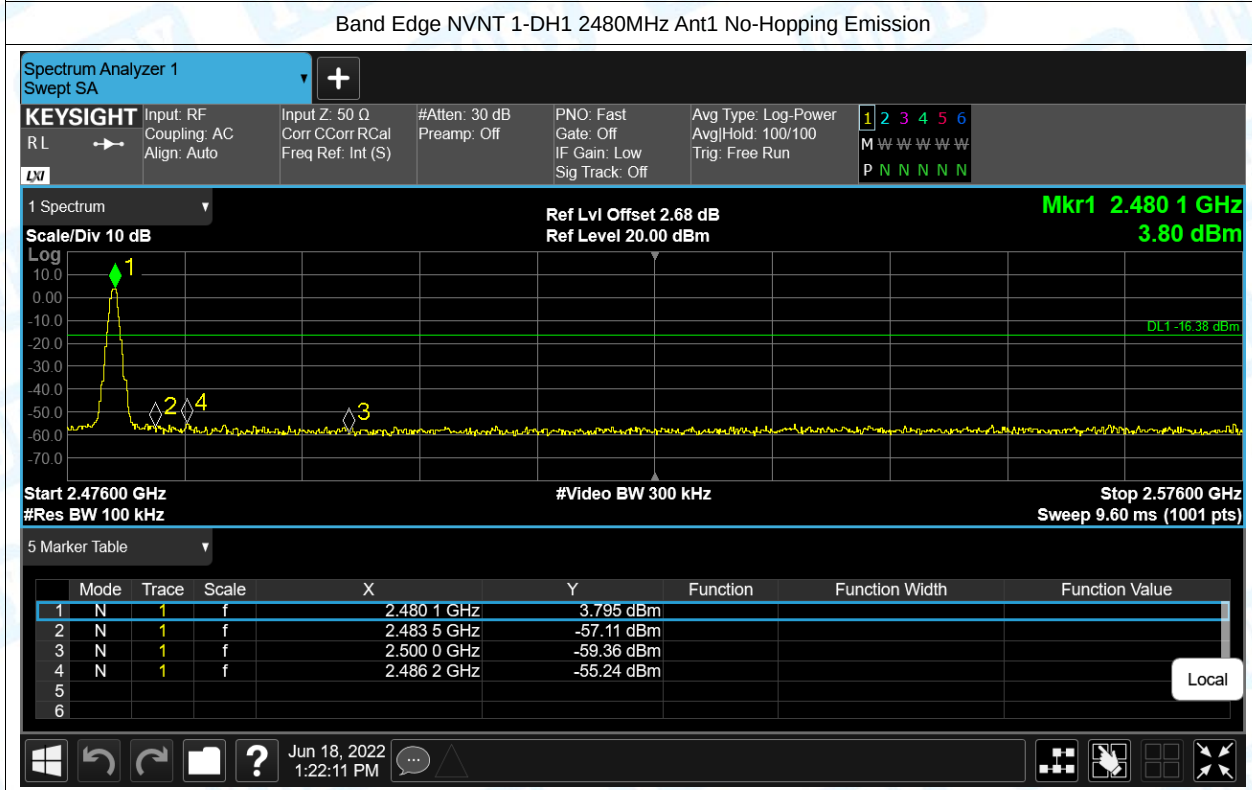
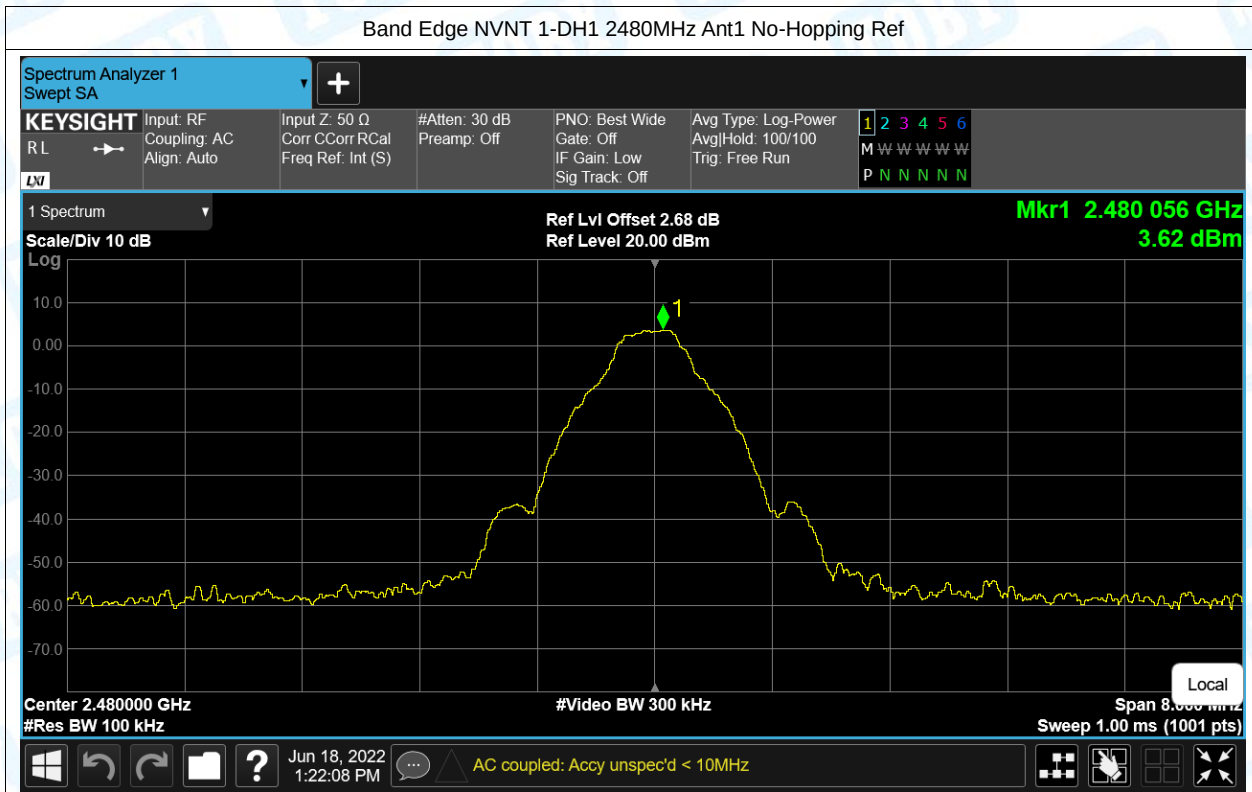
Test Graphs

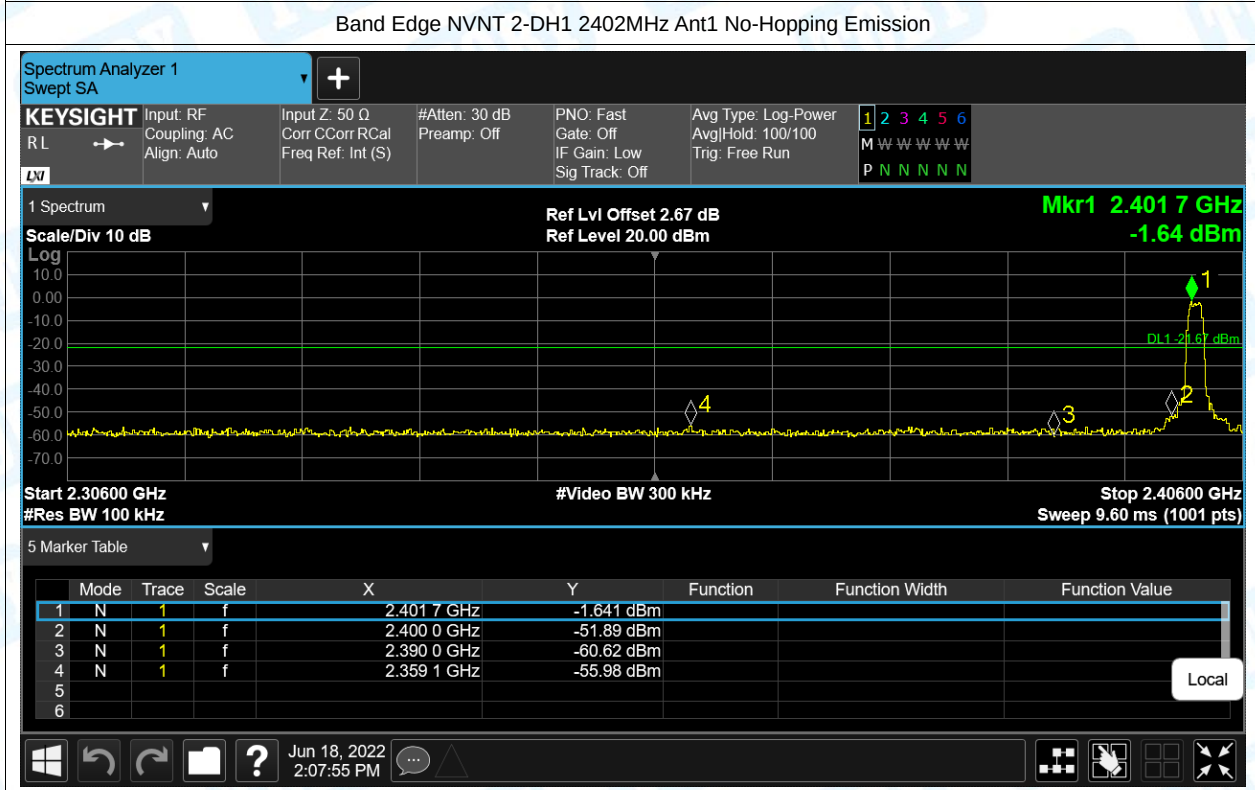
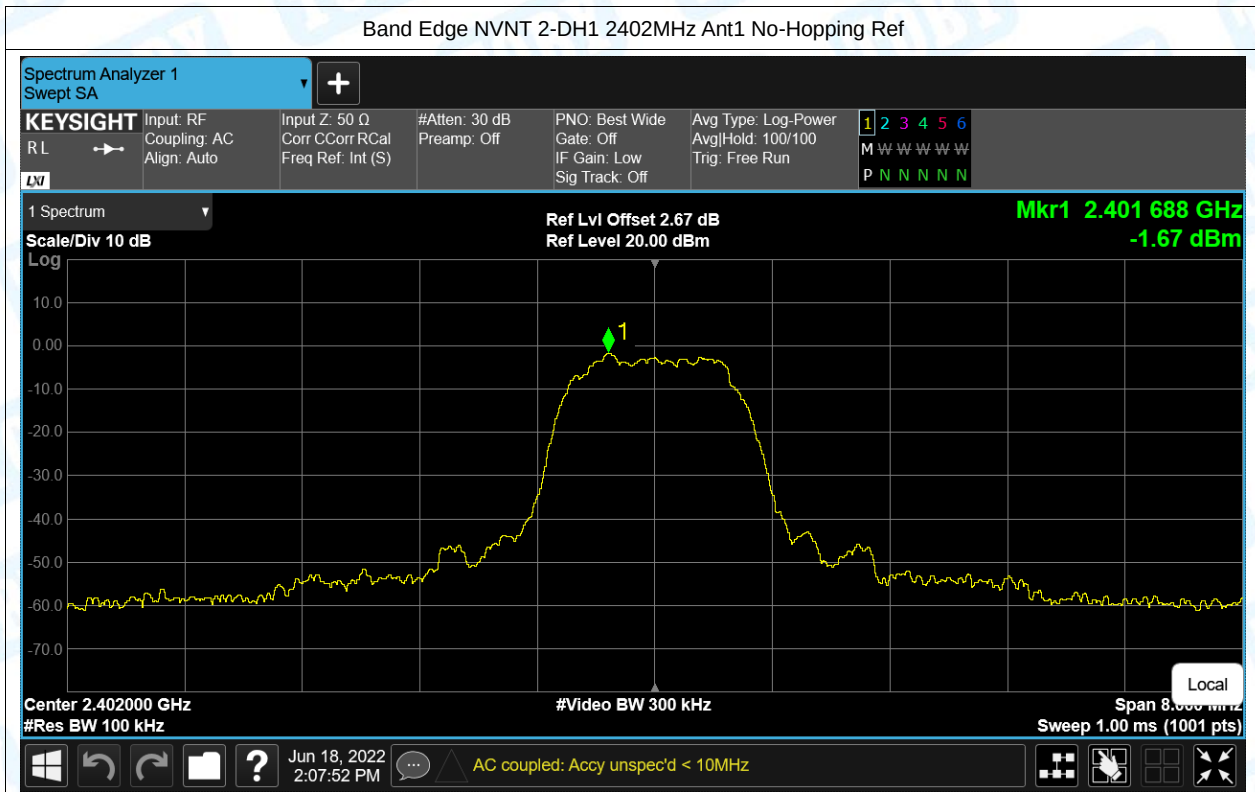
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

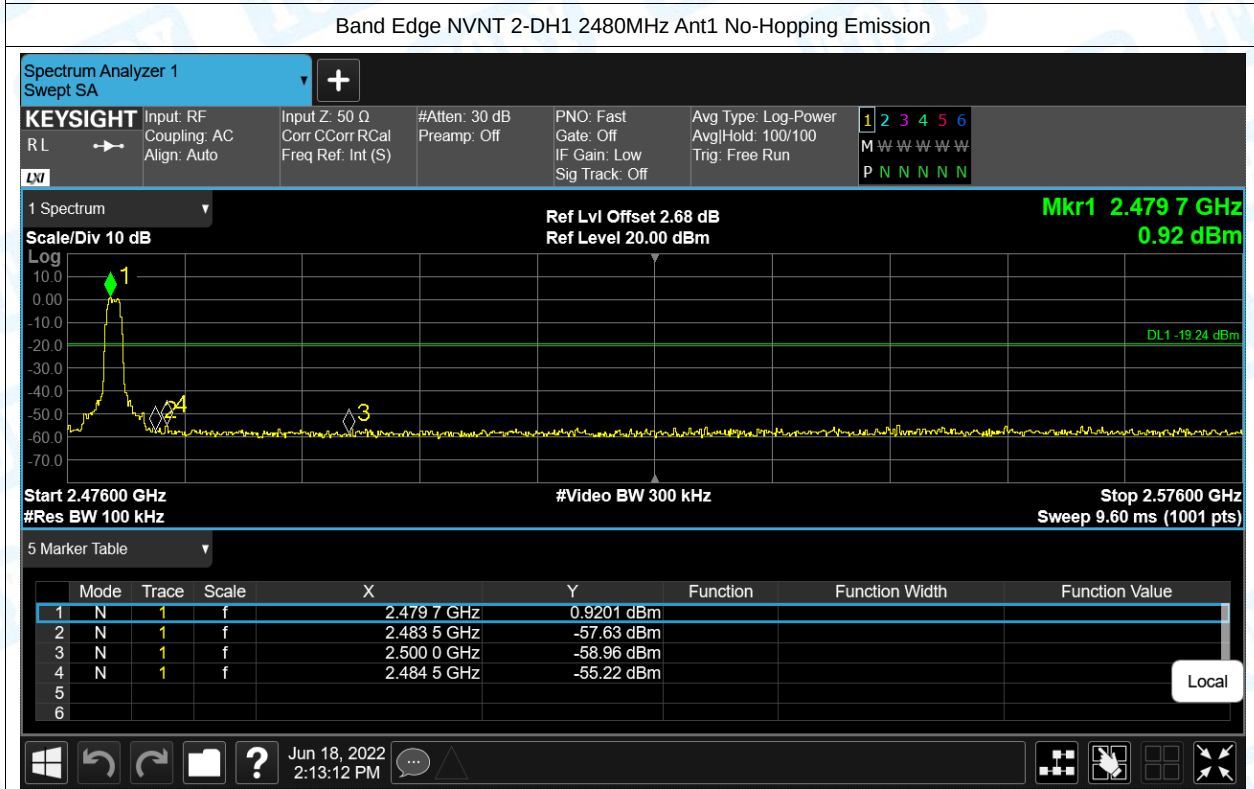
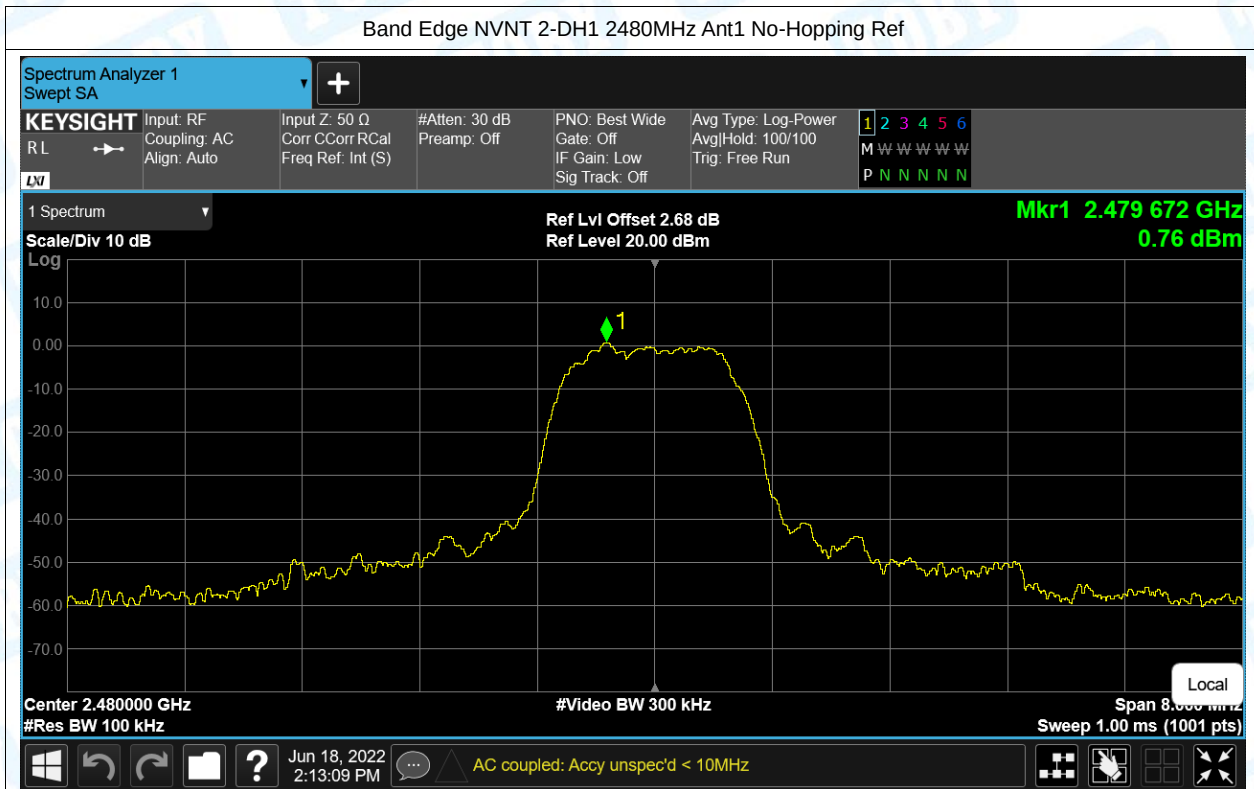


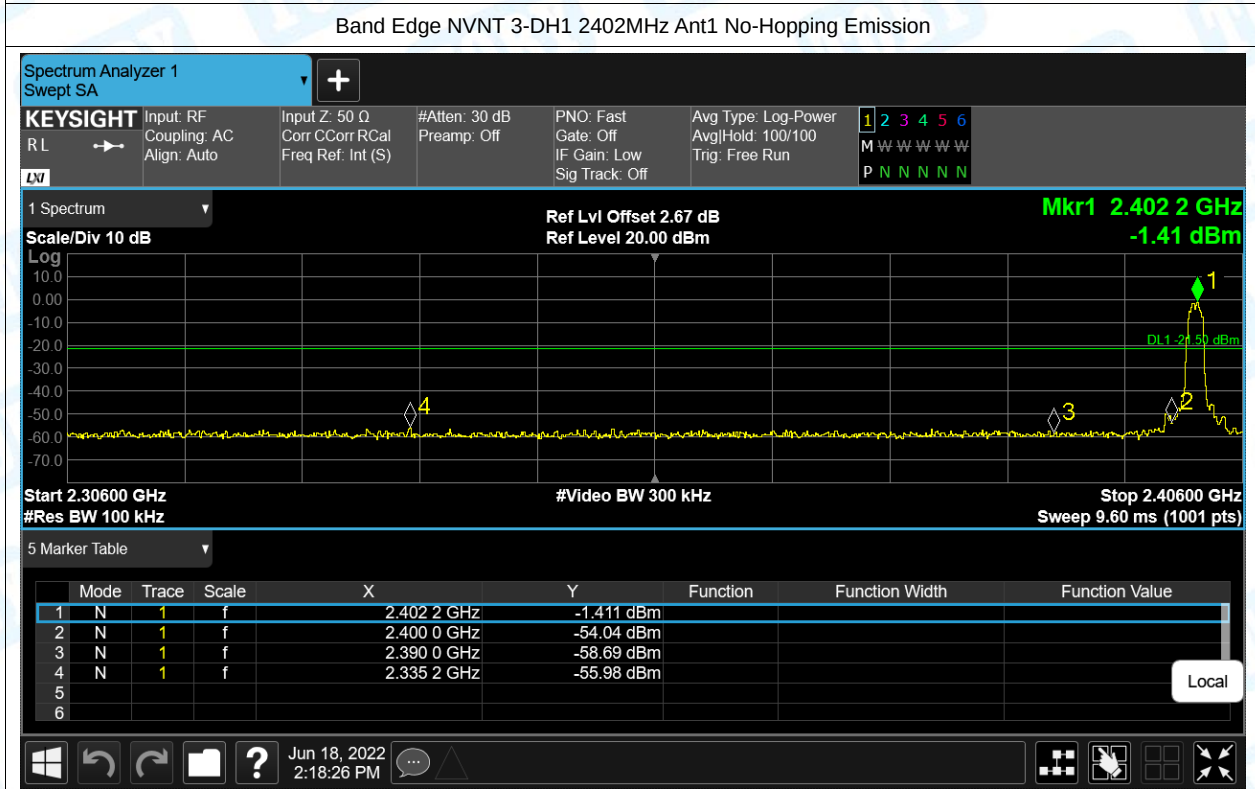
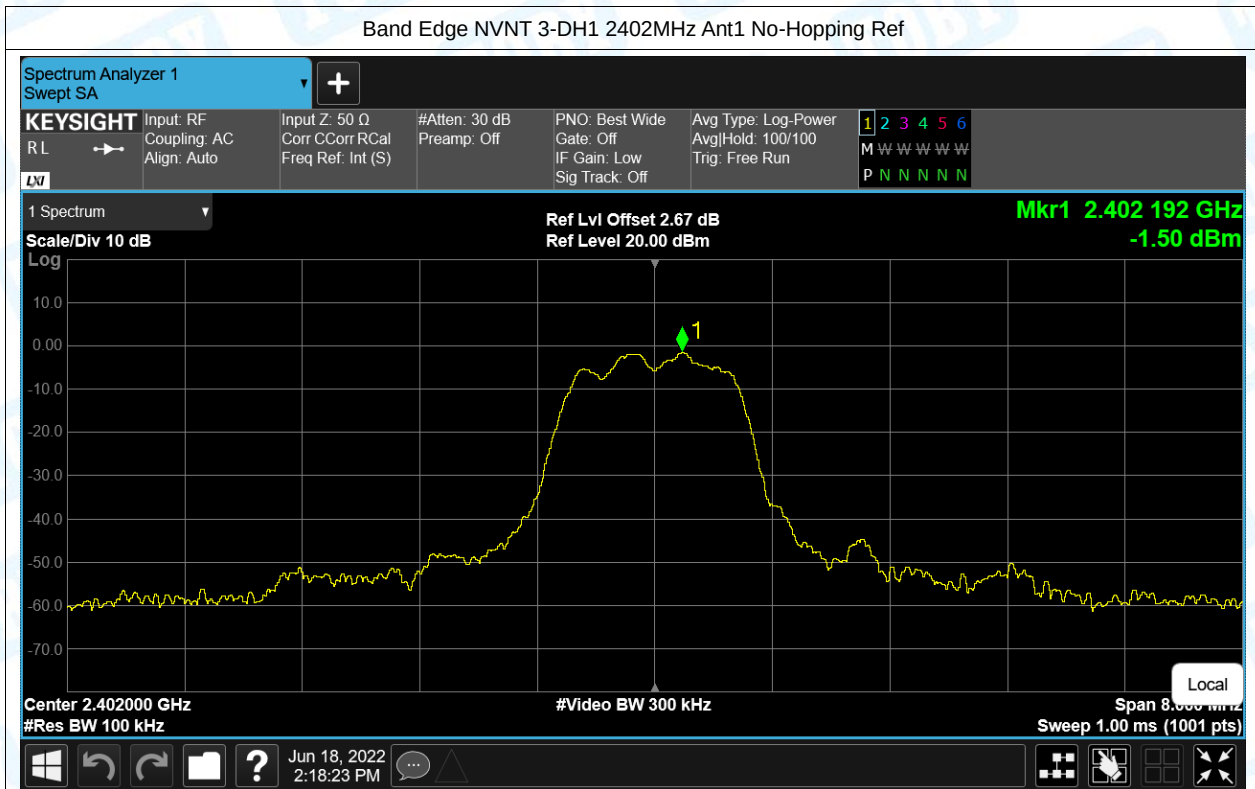
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission

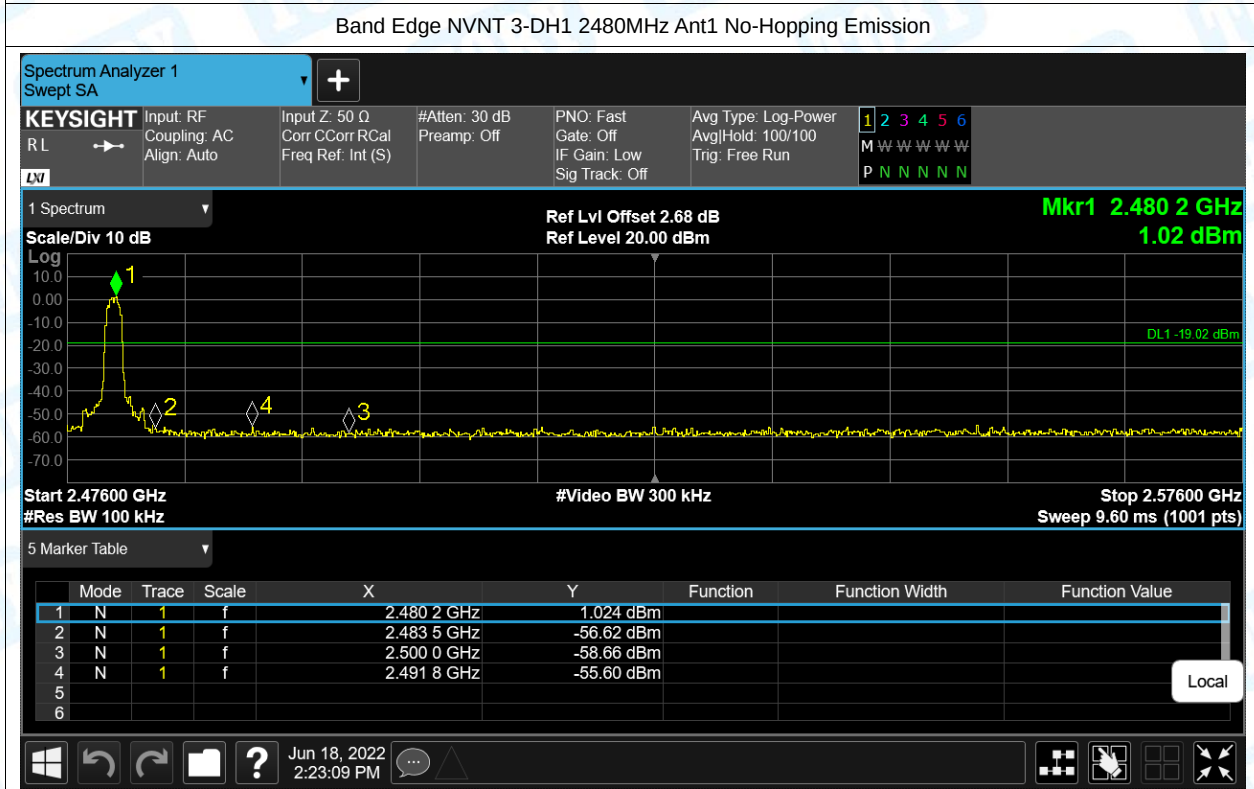
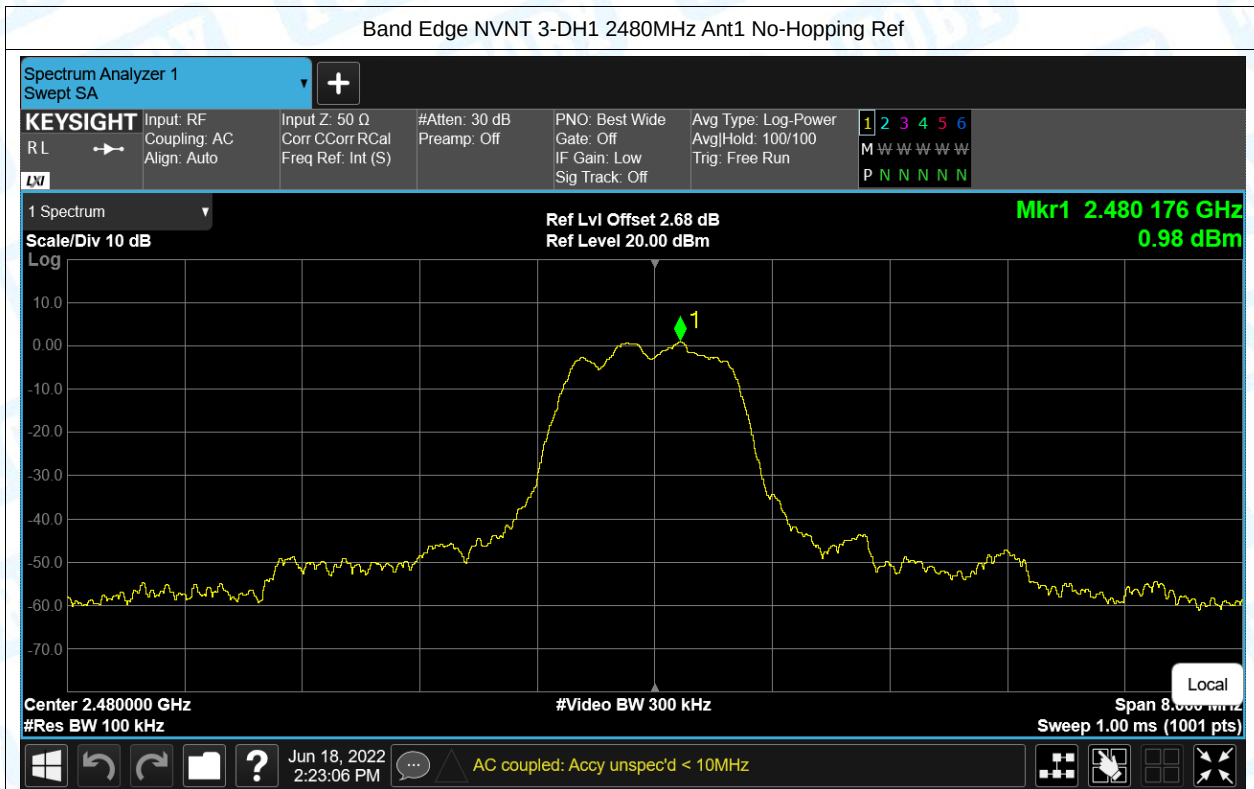












6. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-56.44	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-55.21	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-55.77	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-59.24	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-56.97	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-58.9	-20	Pass

