

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

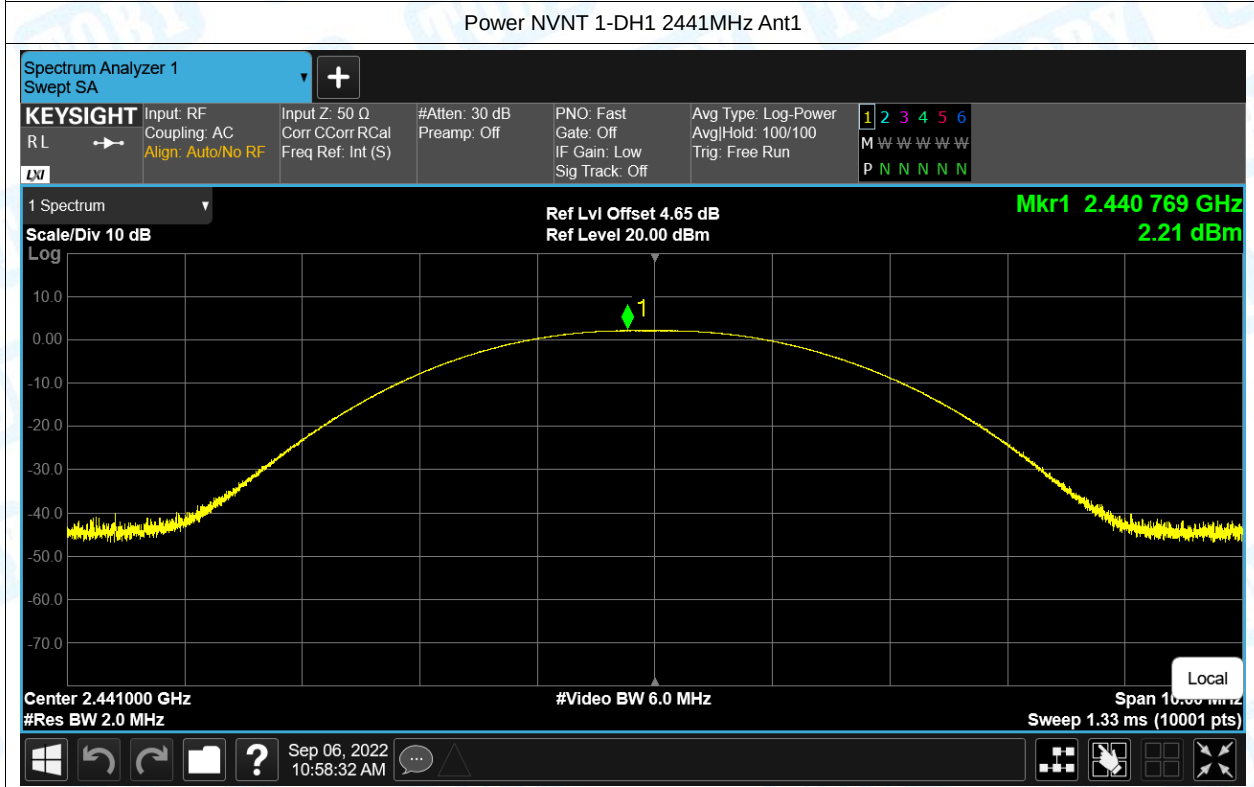
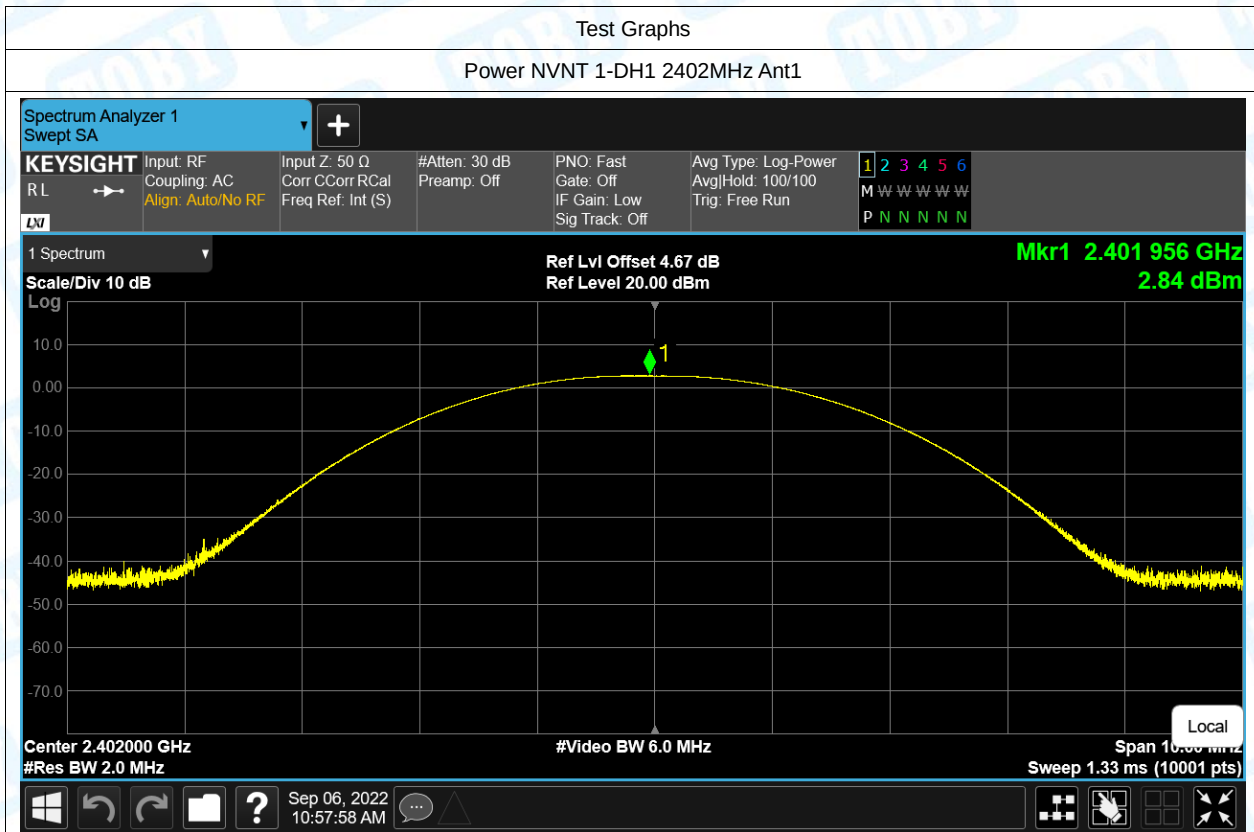
General Description of EUT	
Product Name:	Tablet
Test Model:	CP80
Sample ID:	202208_0109_01-02
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.8V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202208-0109-1	

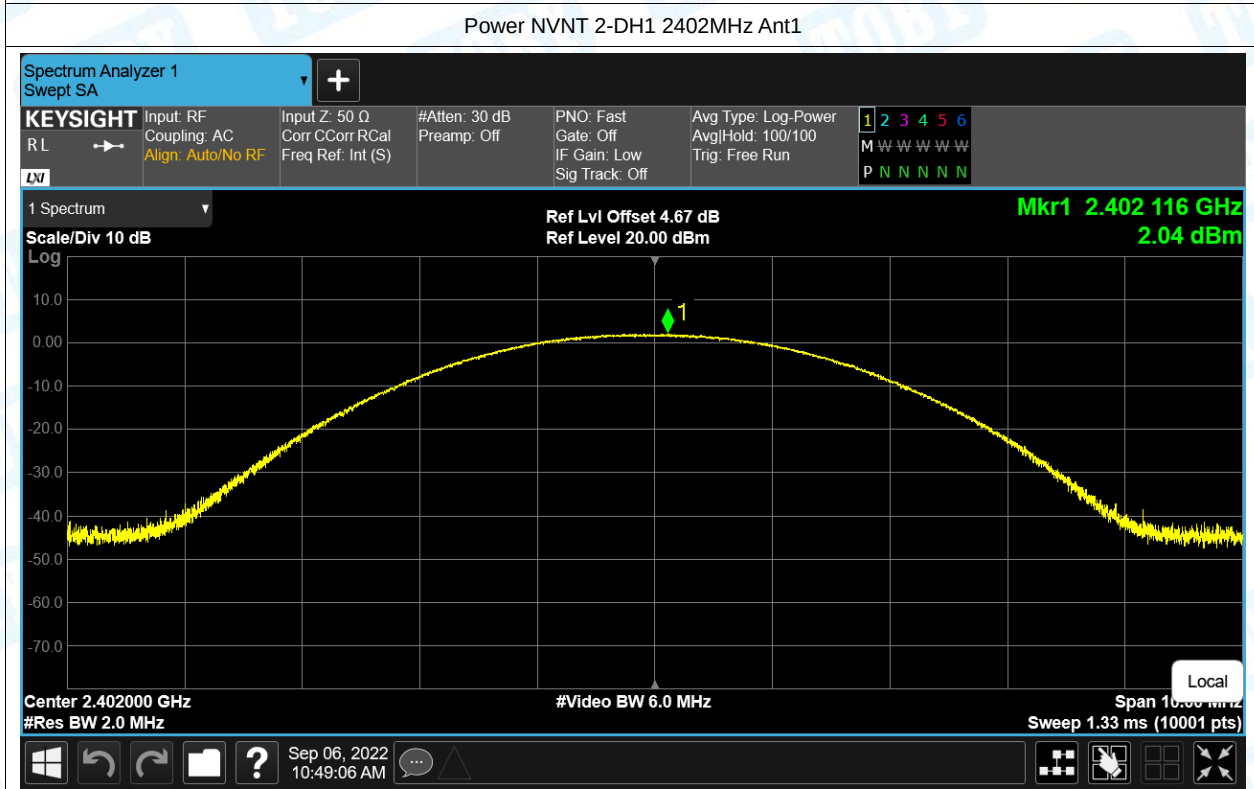
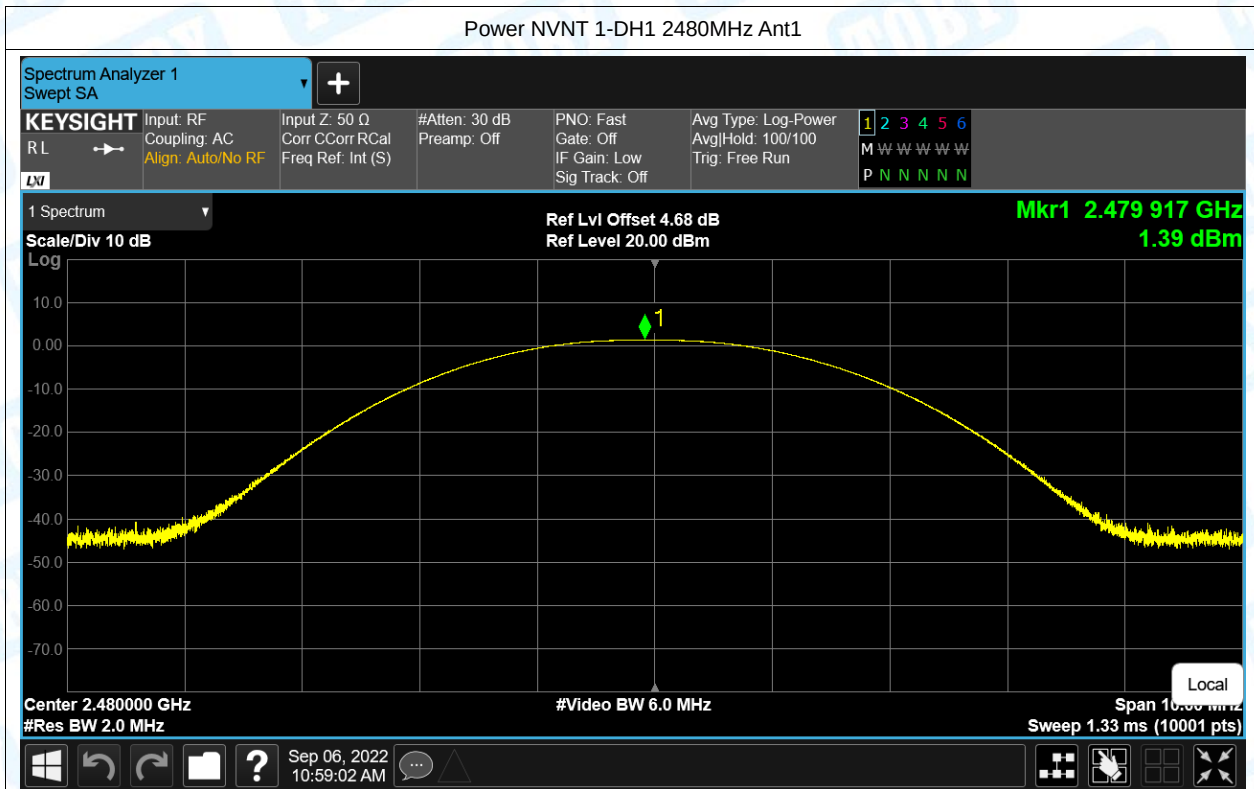
Contents

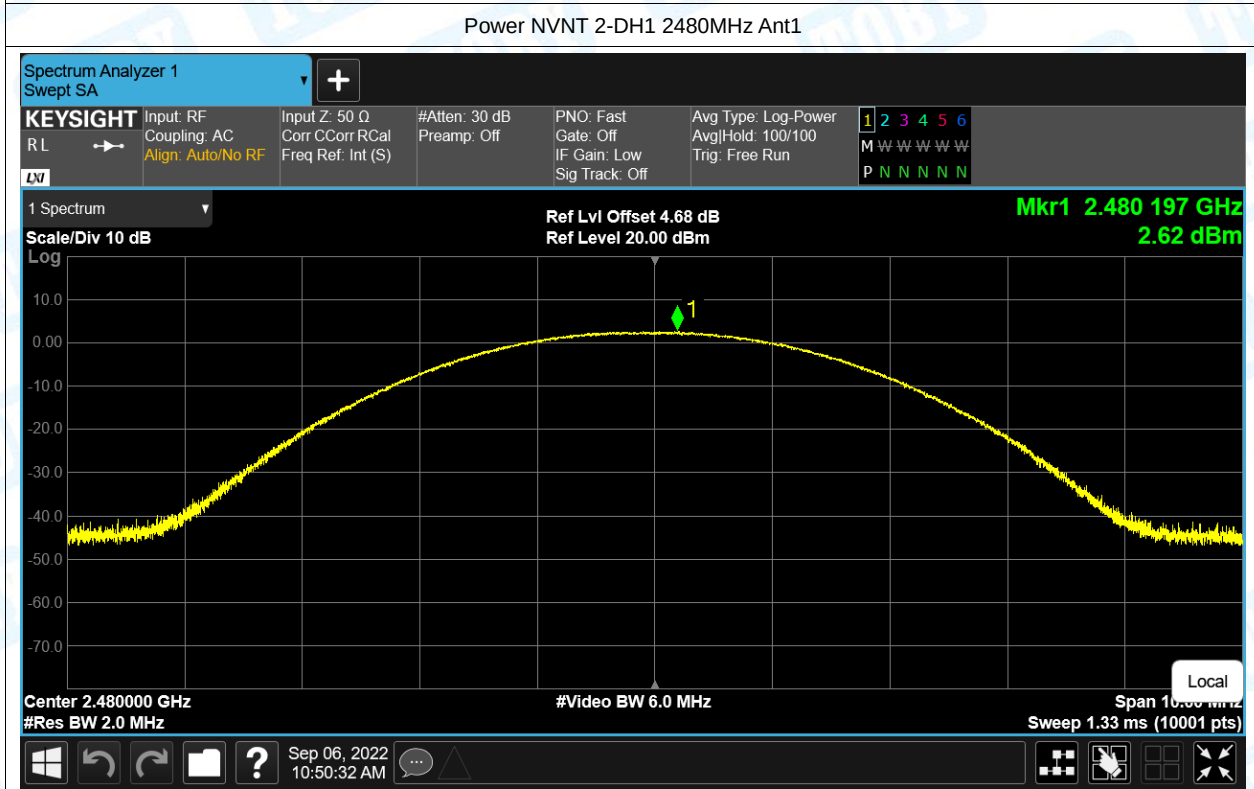
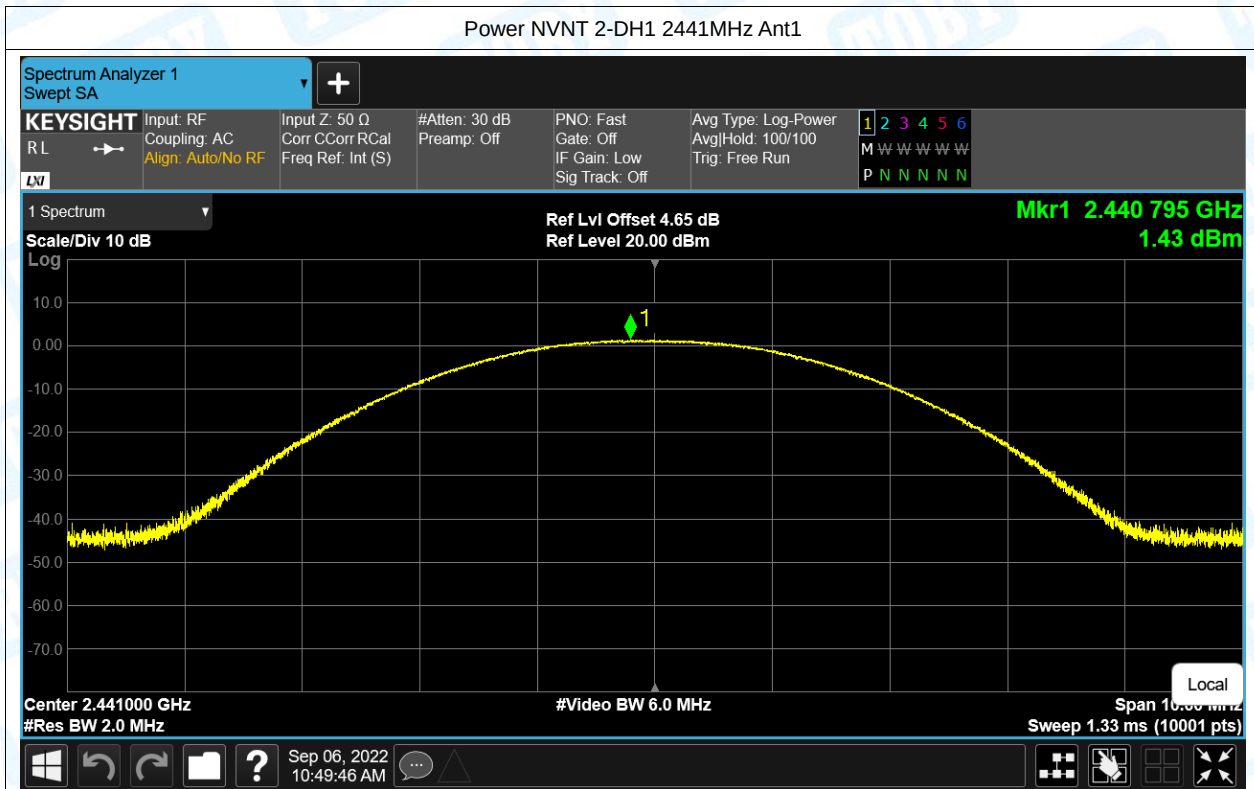
1. Maximum Conducted Output Power	3
2. -20dB Bandwidth	9
3. Occupied Channel Bandwidth	15
4. Band Edge	21
5. Band Edge(Hopping)	28
6. Conducted RF Spurious Emission	35
7. Restrict Band	45
8. Carrier Frequencies Separation	52
9. Number of Hopping Channel	55
10. Dwell Time	58

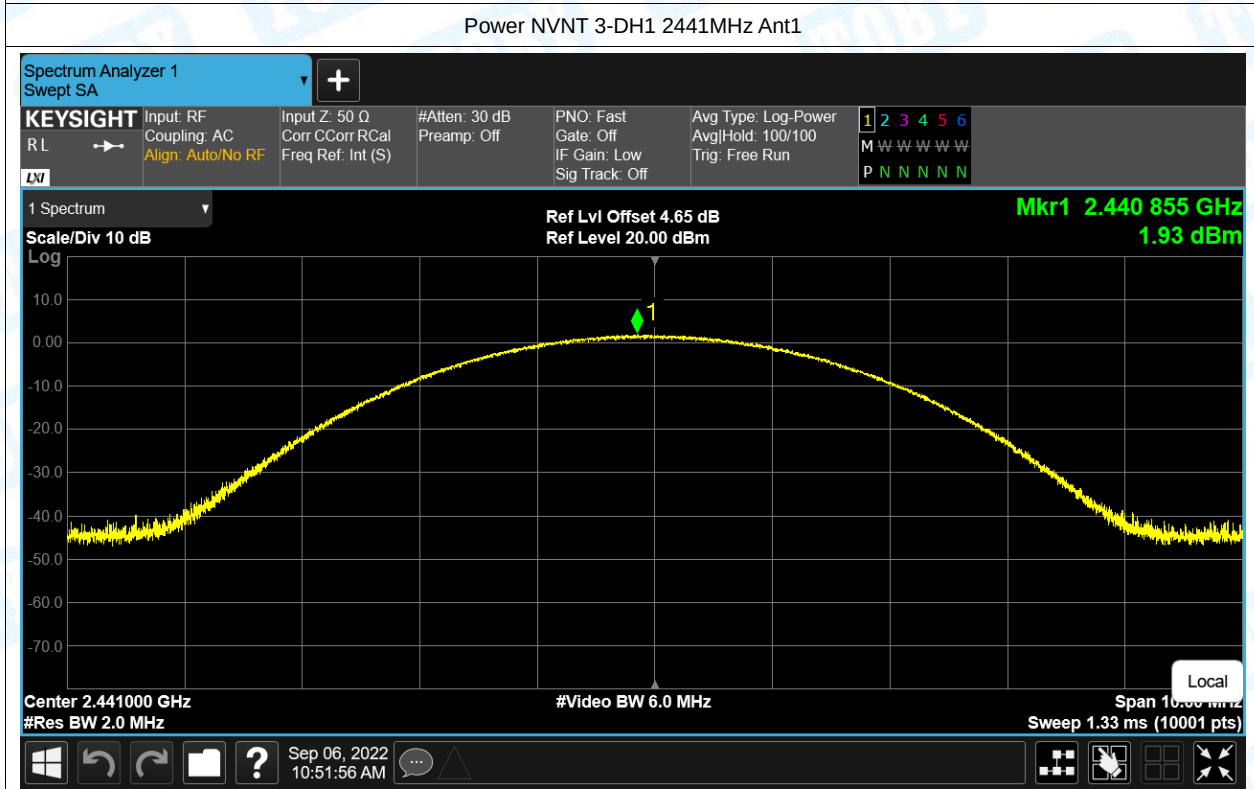
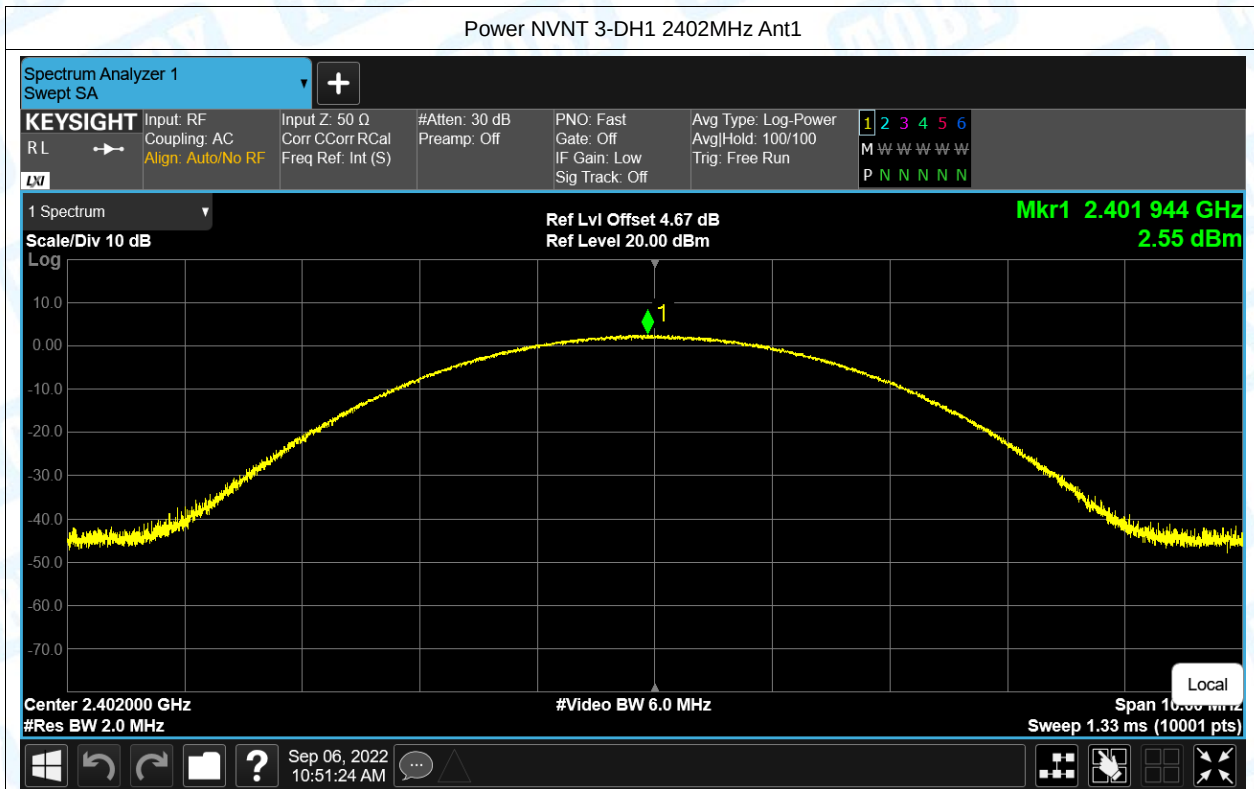
1. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	2.842	21	Pass
NVNT	1-DH1	2441	Ant1	2.213	21	Pass
NVNT	1-DH1	2480	Ant1	1.386	21	Pass
NVNT	2-DH1	2402	Ant1	2.039	21	Pass
NVNT	2-DH1	2441	Ant1	1.425	21	Pass
NVNT	2-DH1	2480	Ant1	2.618	21	Pass
NVNT	3-DH1	2402	Ant1	2.554	21	Pass
NVNT	3-DH1	2441	Ant1	1.932	21	Pass
NVNT	3-DH1	2480	Ant1	1.108	21	Pass









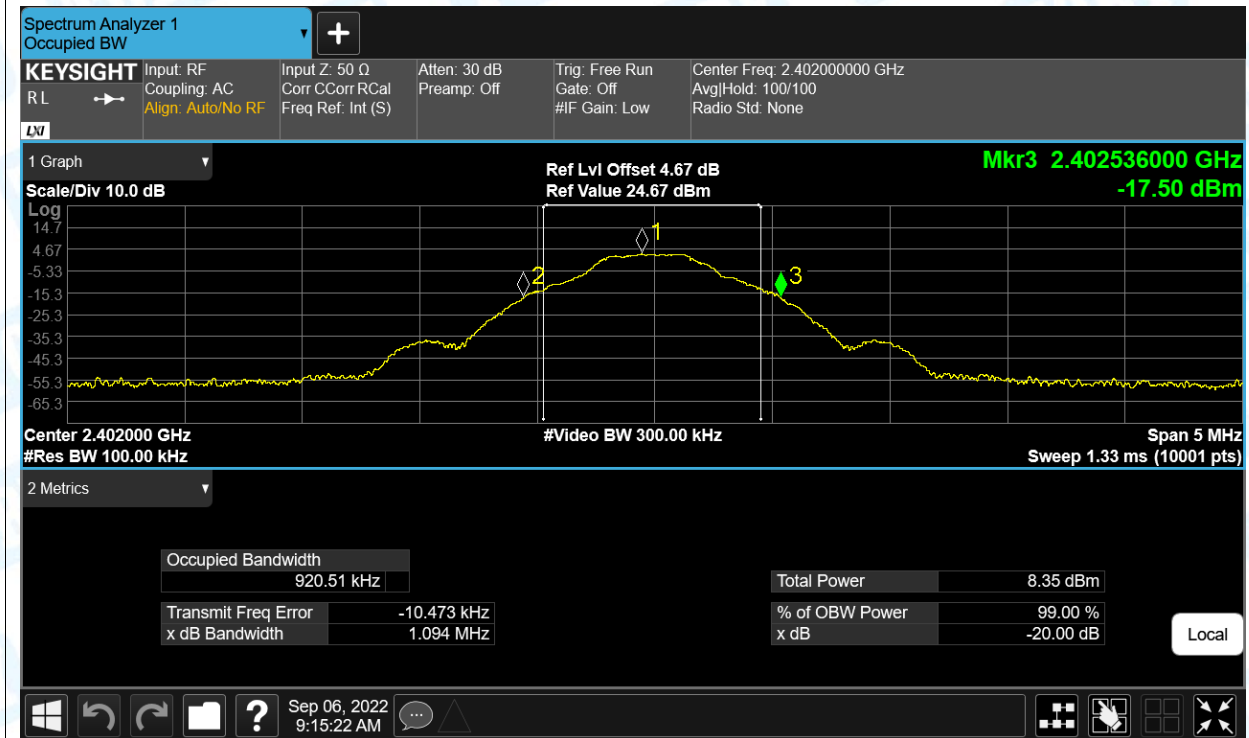


2. -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	1.09	0	Pass
NVNT	1-DH1	2441	Ant1	1.09	0	Pass
NVNT	1-DH1	2480	Ant1	1.08	0	Pass
NVNT	2-DH1	2402	Ant1	1.71	0	Pass
NVNT	2-DH1	2441	Ant1	1.4	0	Pass
NVNT	2-DH1	2480	Ant1	1.4	0	Pass
NVNT	3-DH1	2402	Ant1	1.36	0	Pass
NVNT	3-DH1	2441	Ant1	1.36	0	Pass
NVNT	3-DH1	2480	Ant1	1.36	0	Pass

Test Graphs

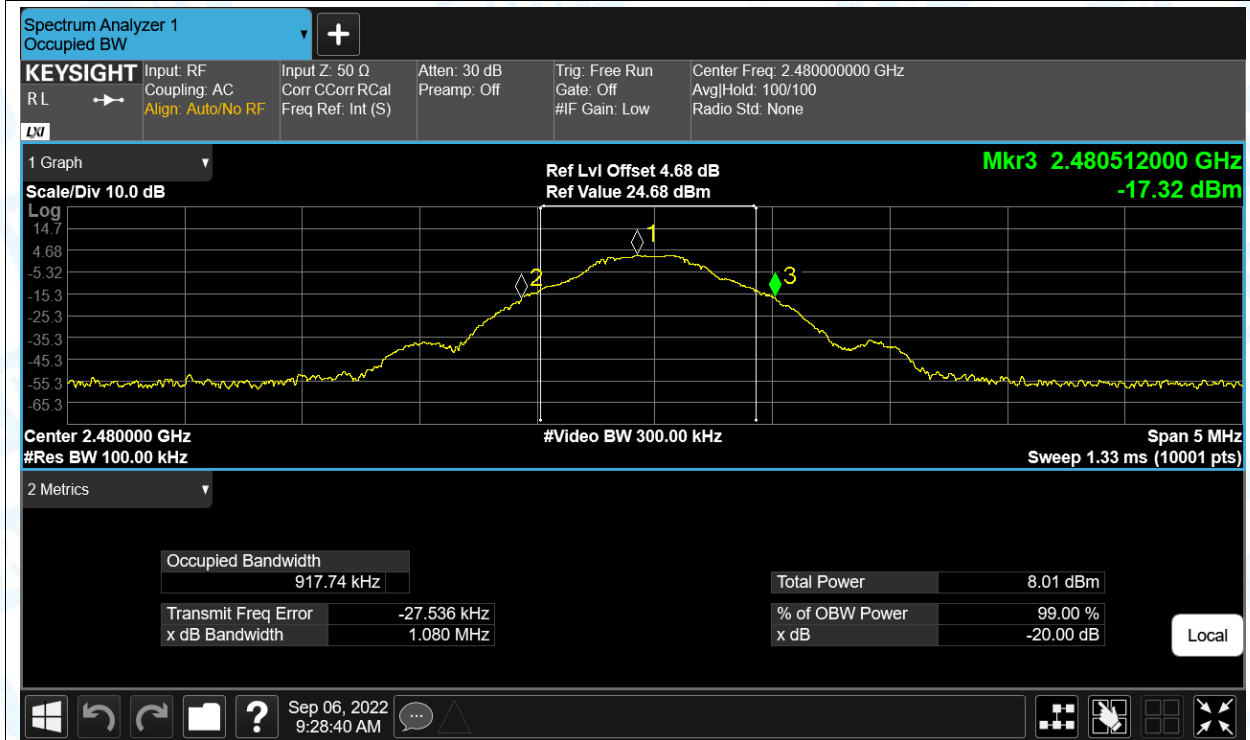
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



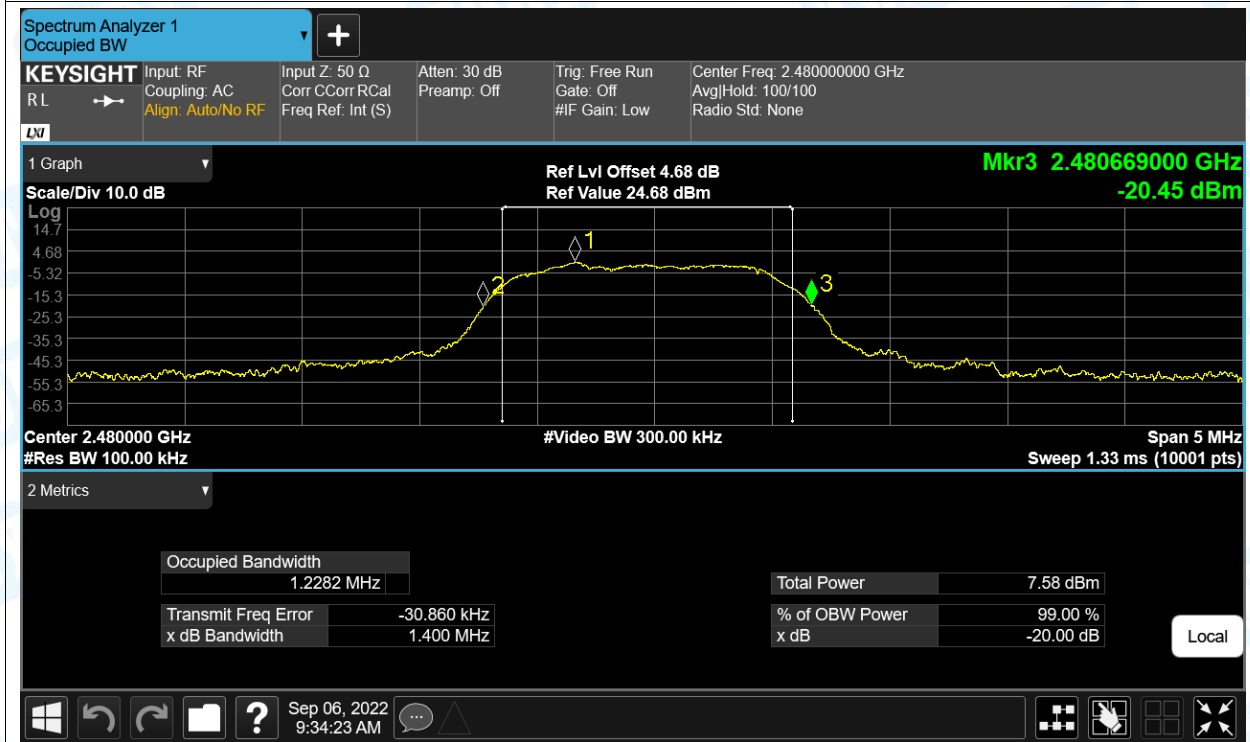
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



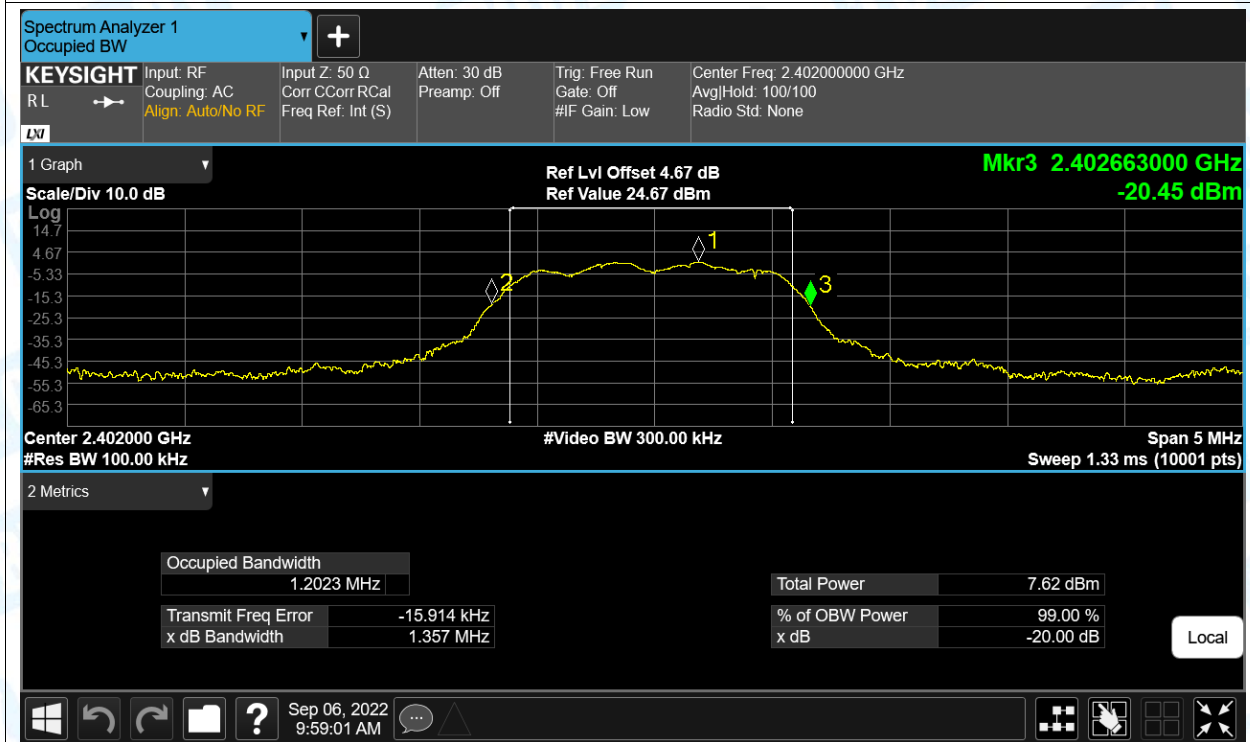
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



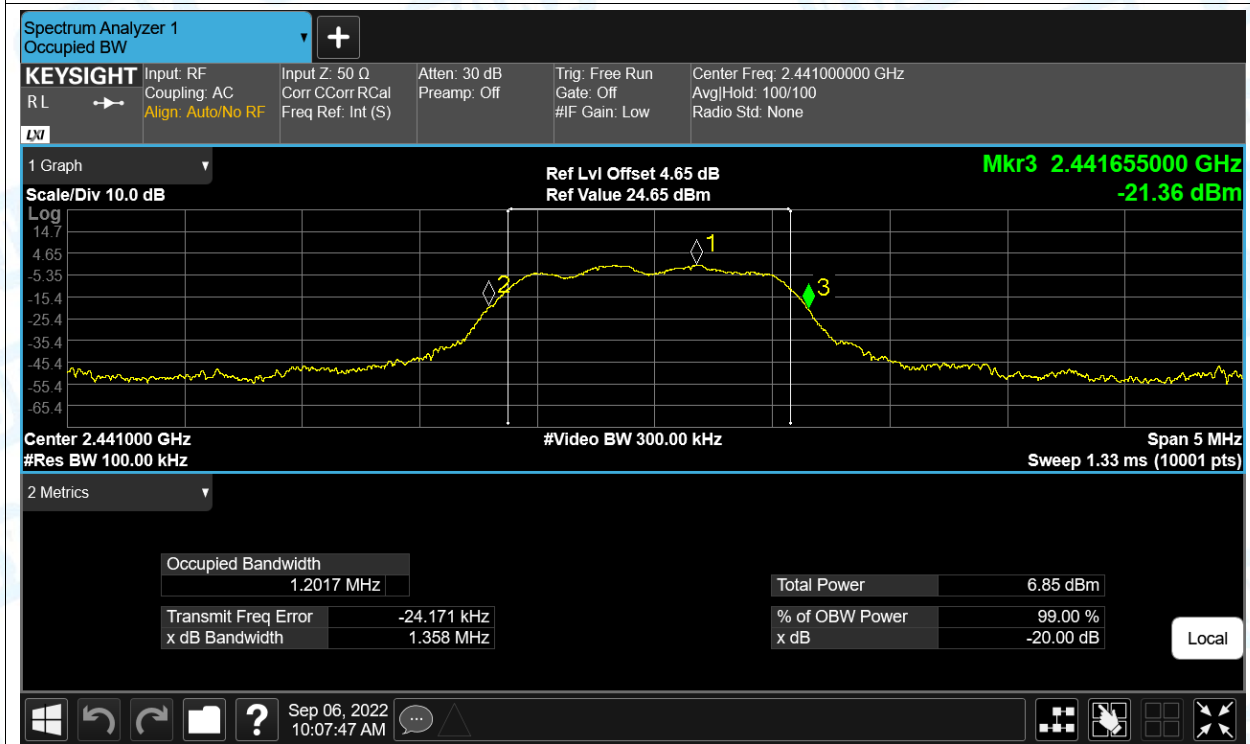
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

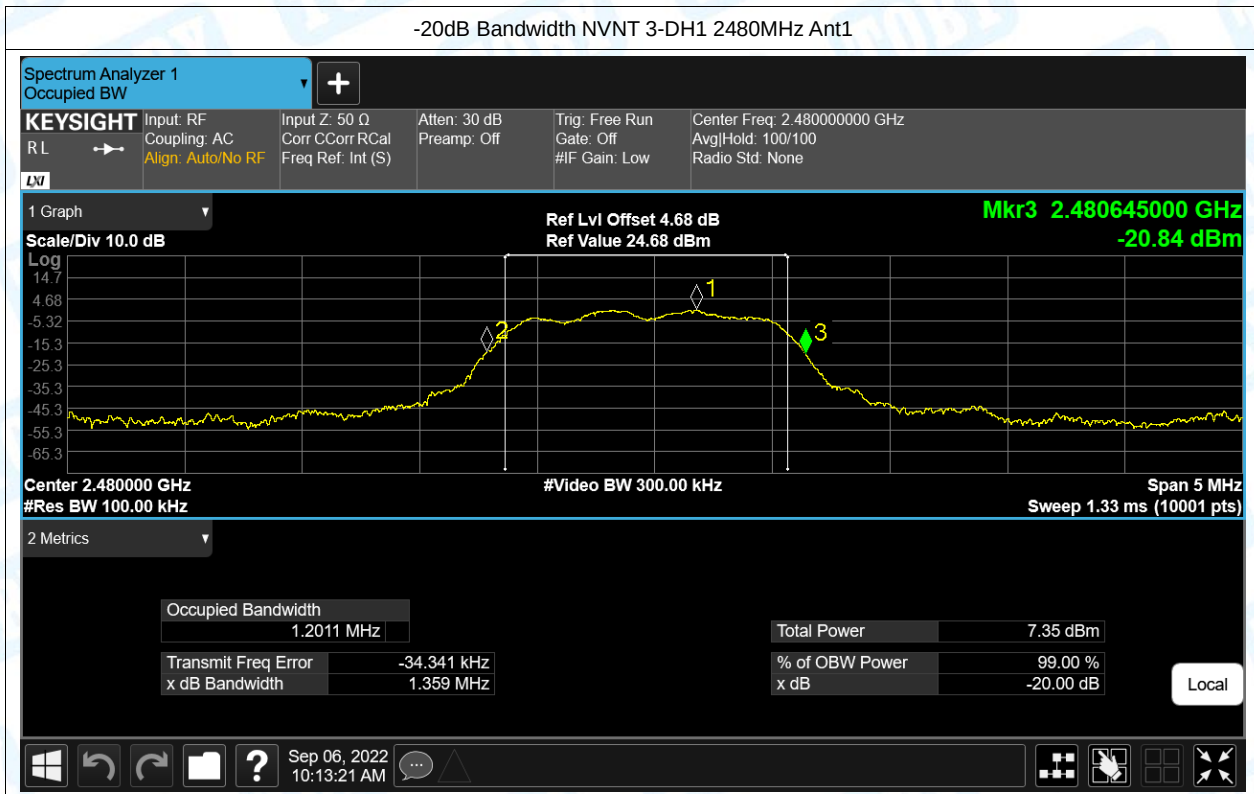


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1





3. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.918
NVNT	1-DH1	2441	Ant1	0.919
NVNT	1-DH1	2480	Ant1	0.918
NVNT	2-DH1	2402	Ant1	1.228
NVNT	2-DH1	2441	Ant1	1.23
NVNT	2-DH1	2480	Ant1	1.229
NVNT	3-DH1	2402	Ant1	1.203
NVNT	3-DH1	2441	Ant1	1.202
NVNT	3-DH1	2480	Ant1	1.2

Test Graphs

OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1





OBW NVNT 2-DH1 2441MHz Ant1



OBW NVNT 2-DH1 2480MHz Ant1





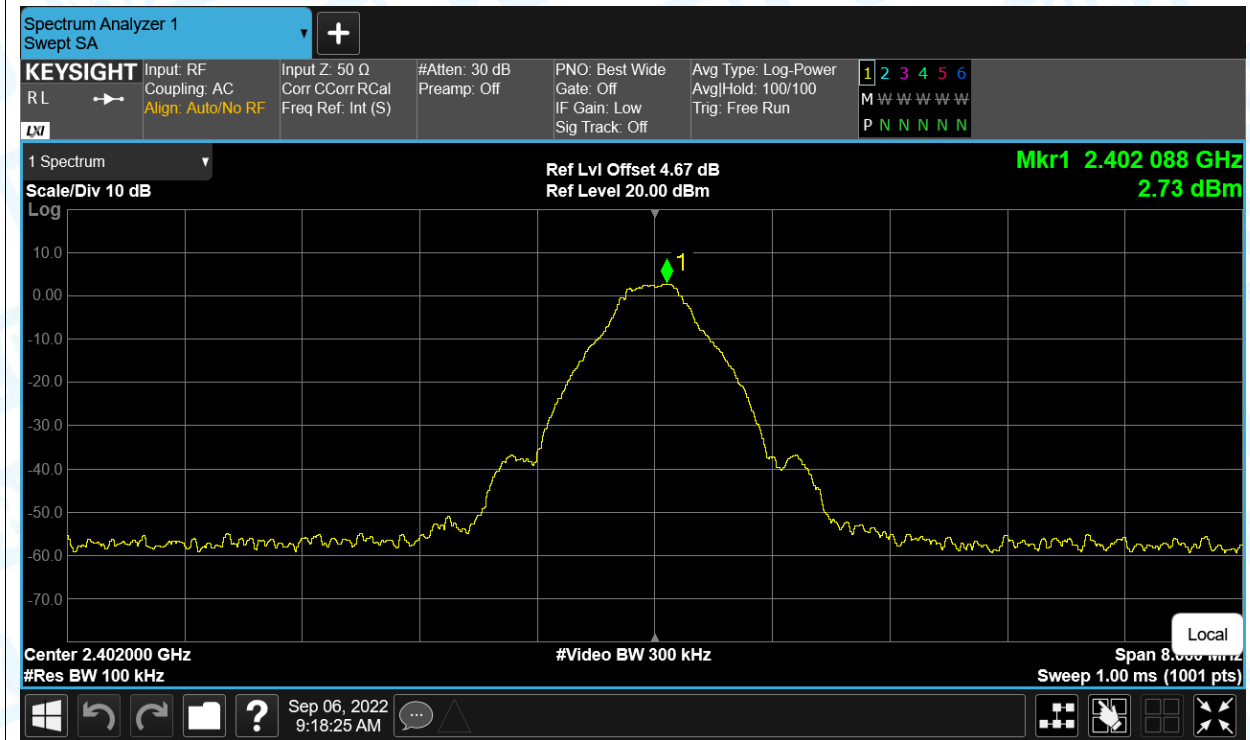


4. Band Edge

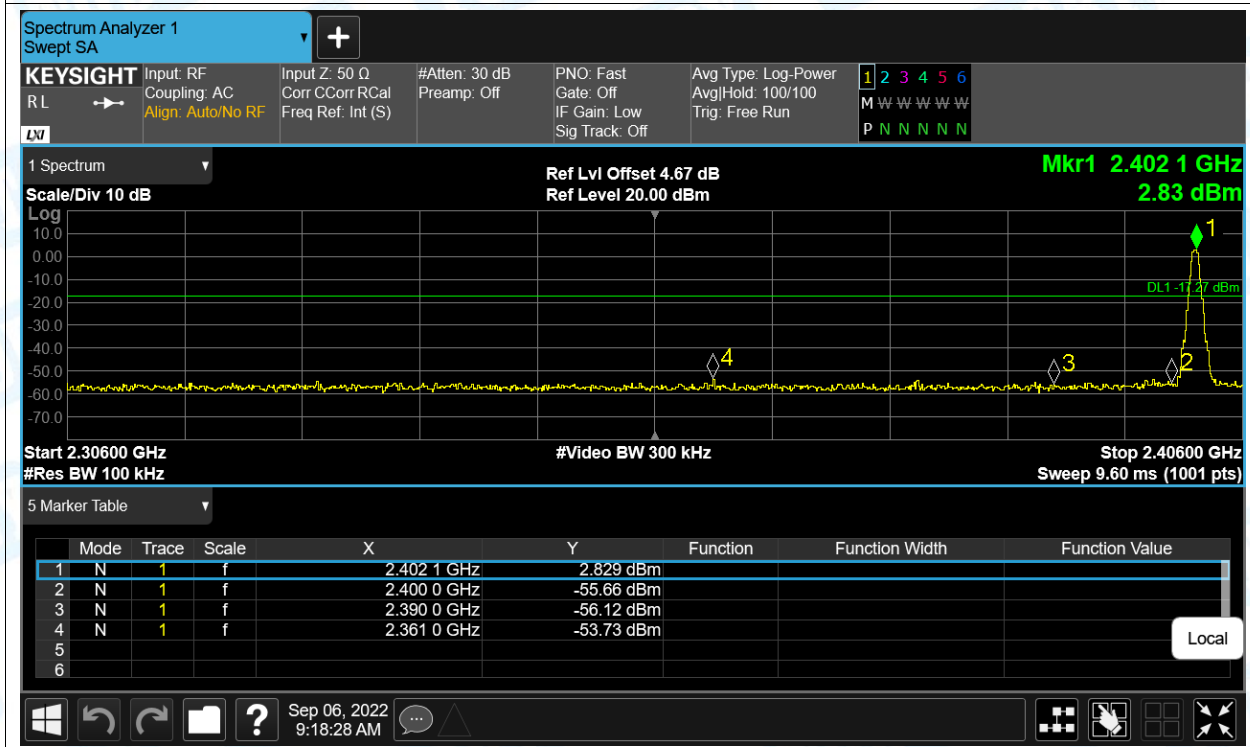
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-56.46	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-57.33	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-53.15	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-53.8	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-54.31	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-54.42	-20	Pass

Test Graphs

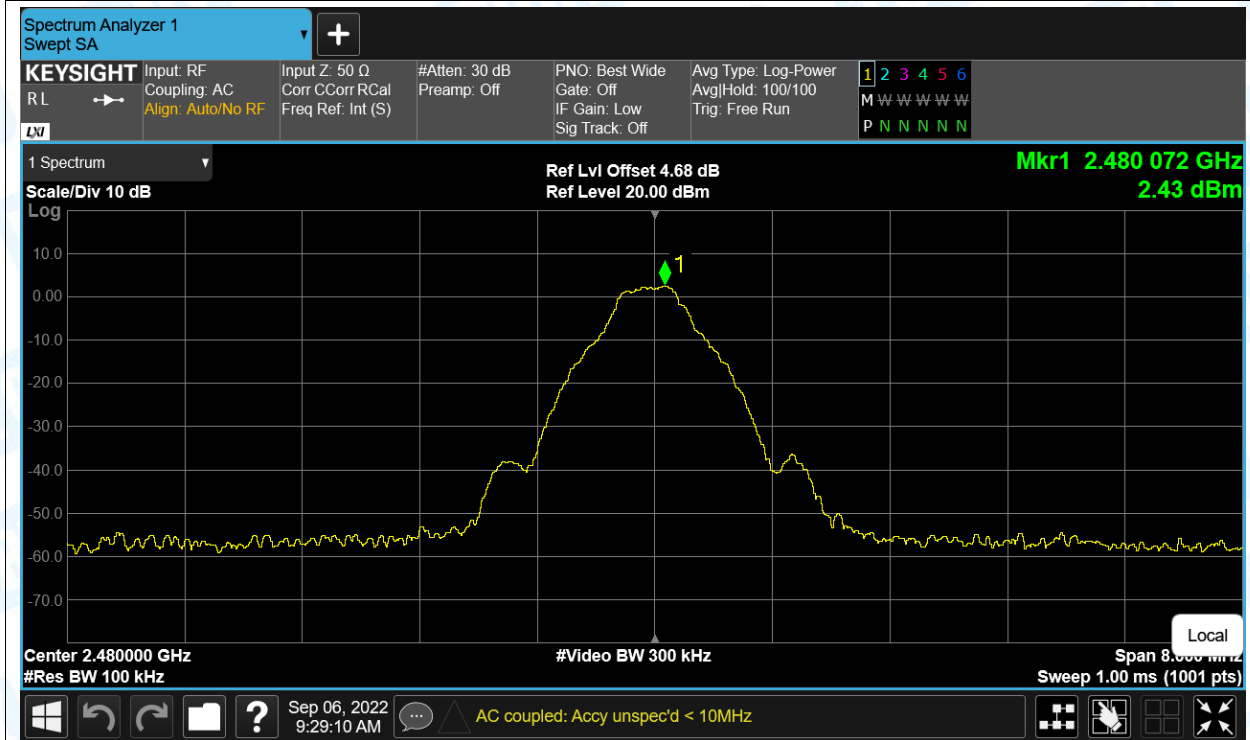
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



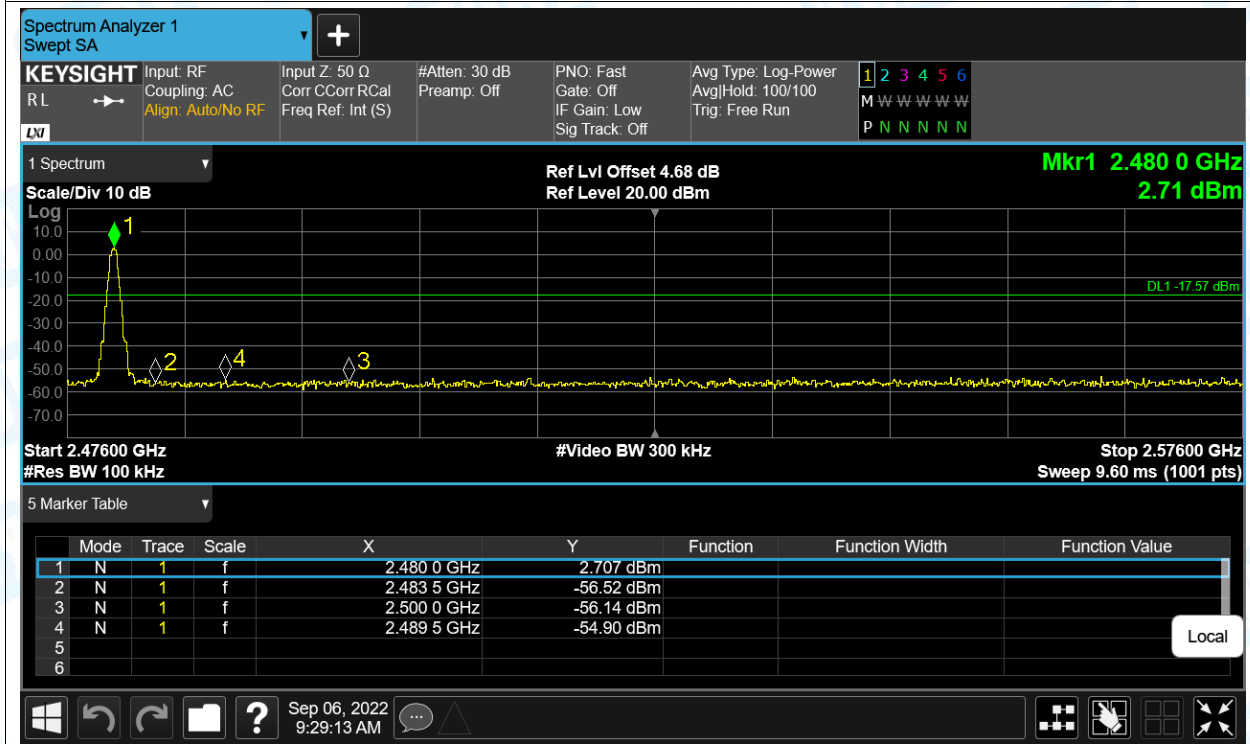
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission

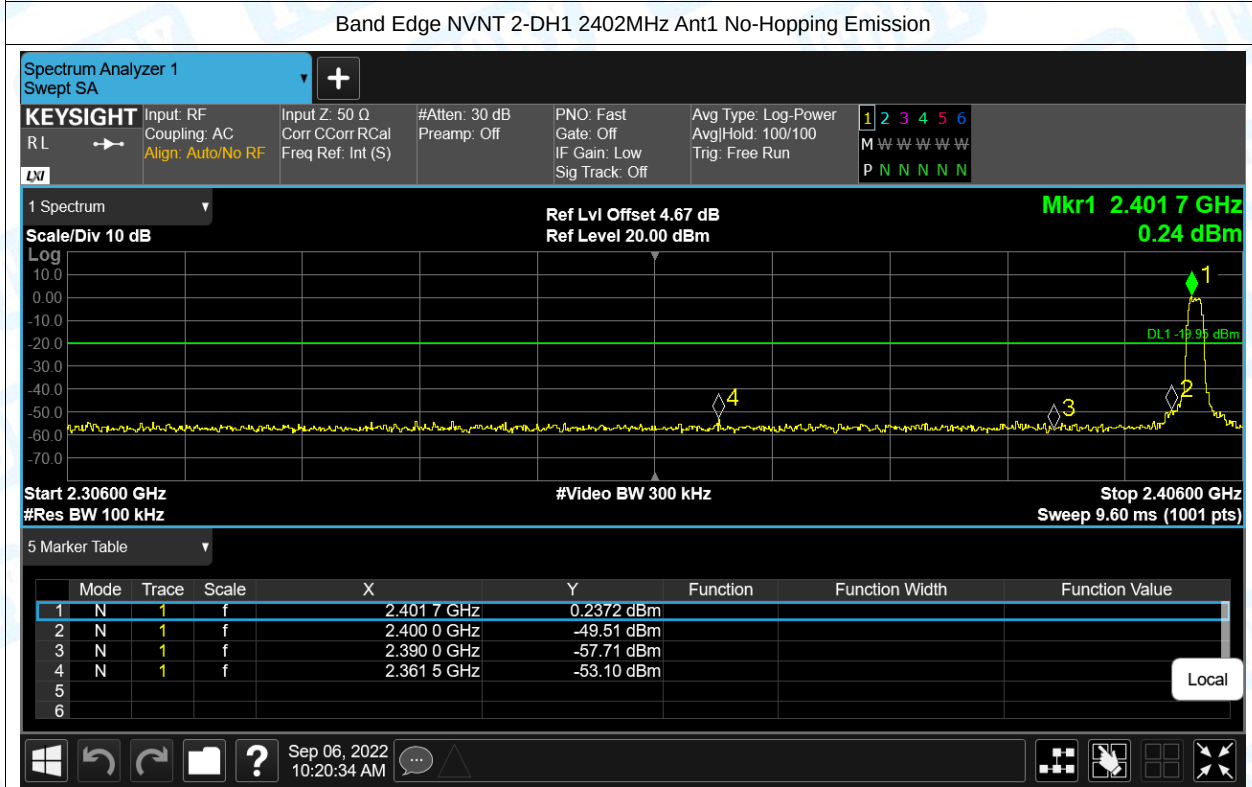
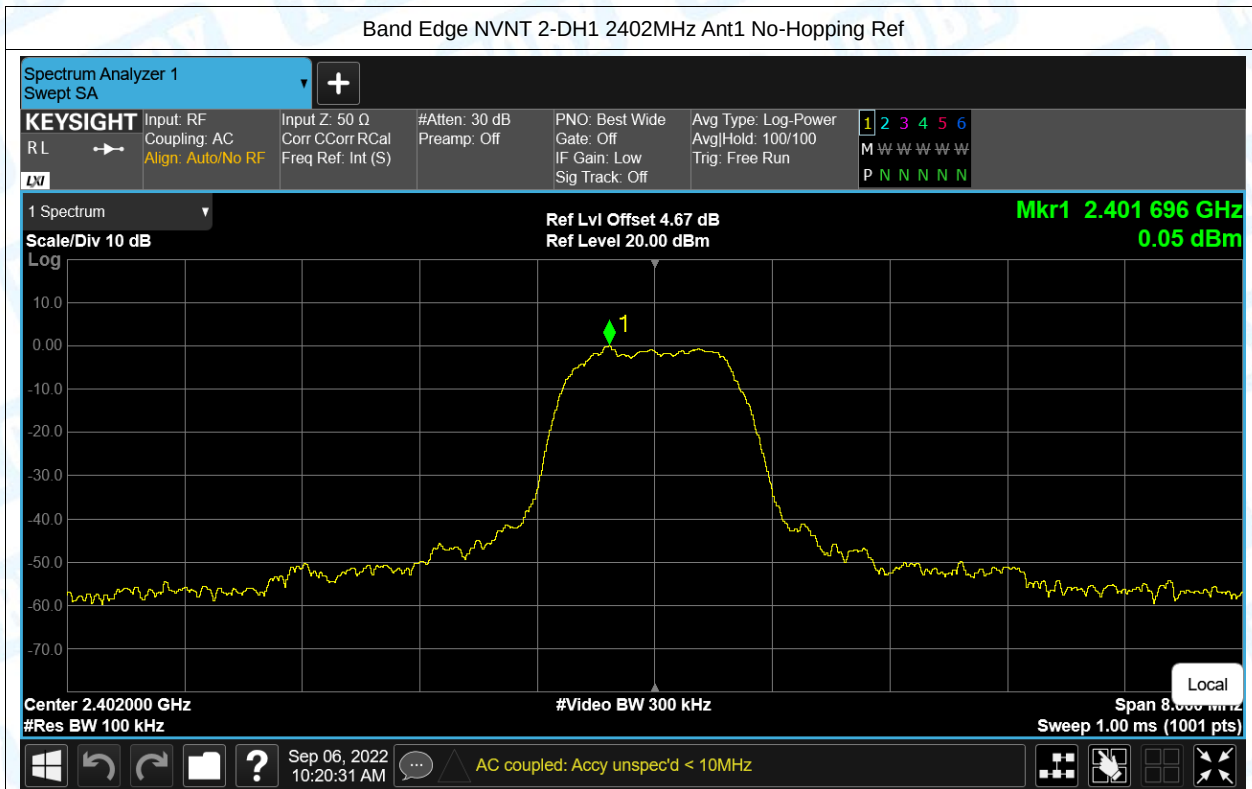


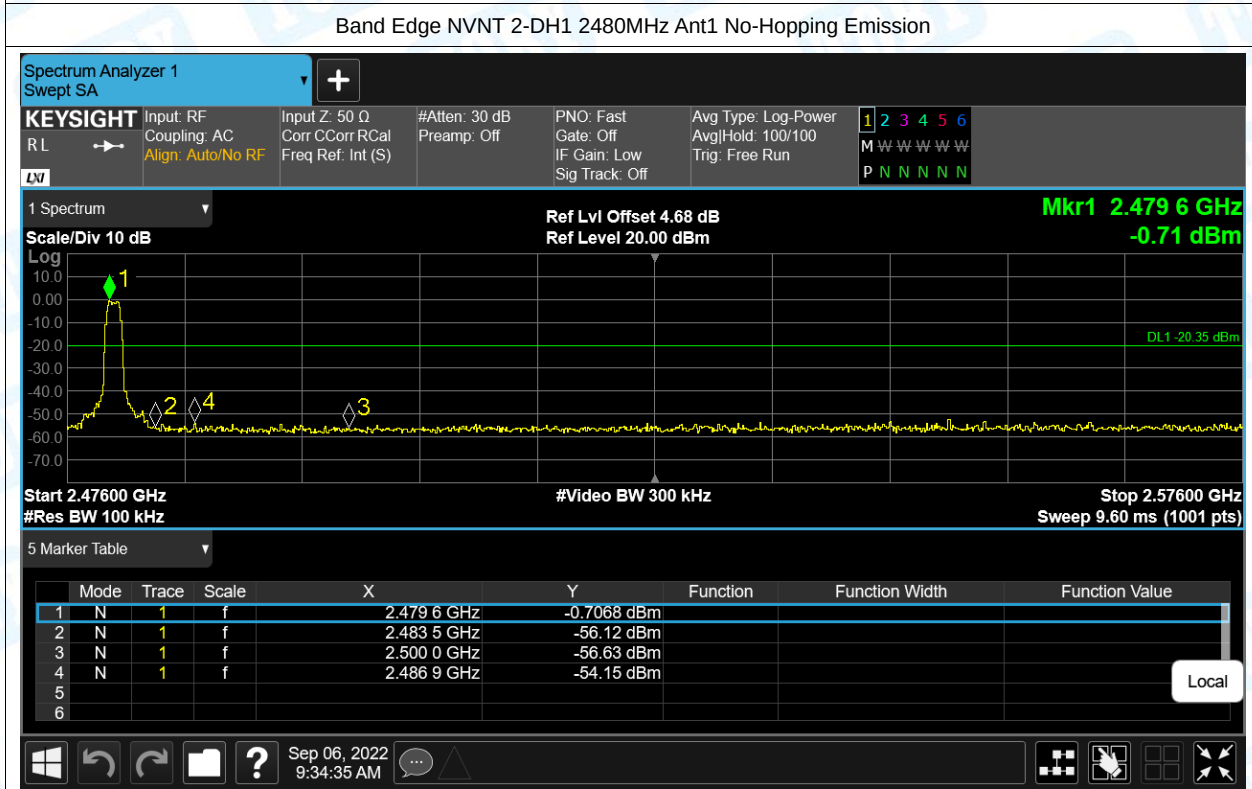
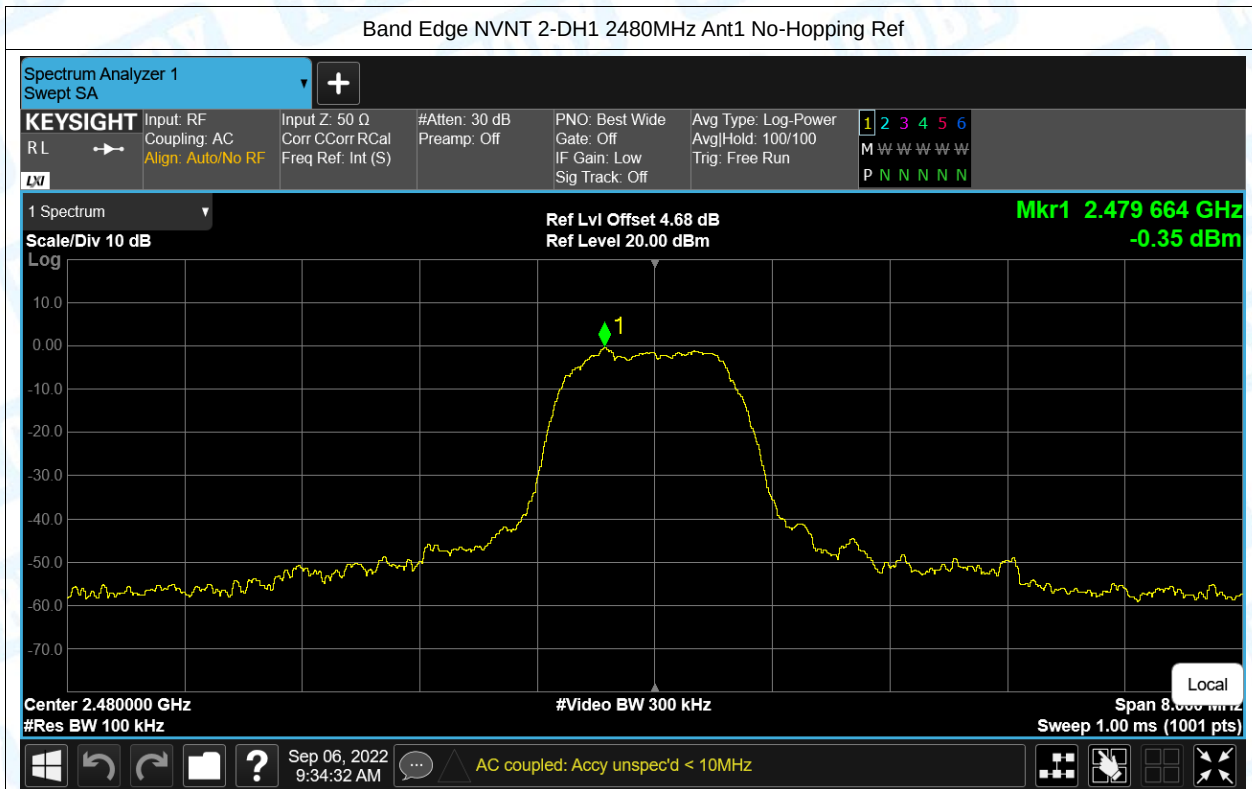
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref

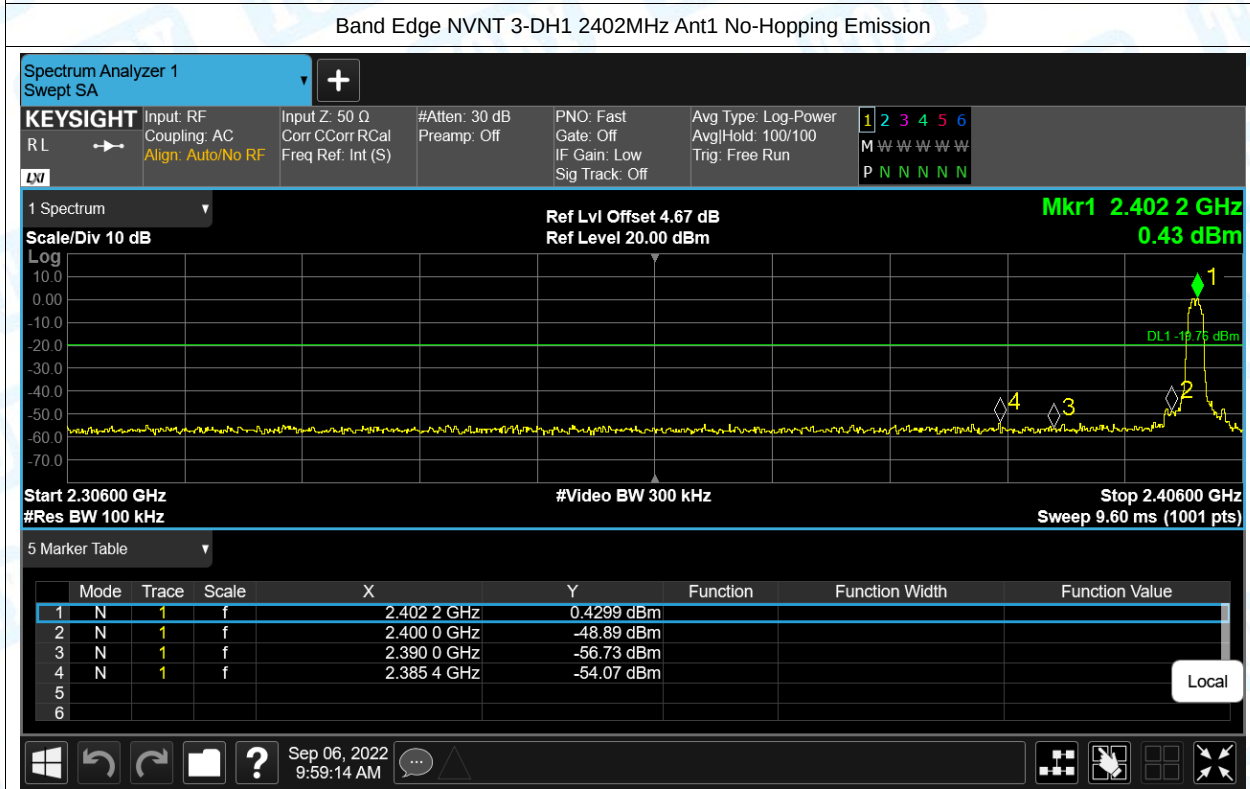
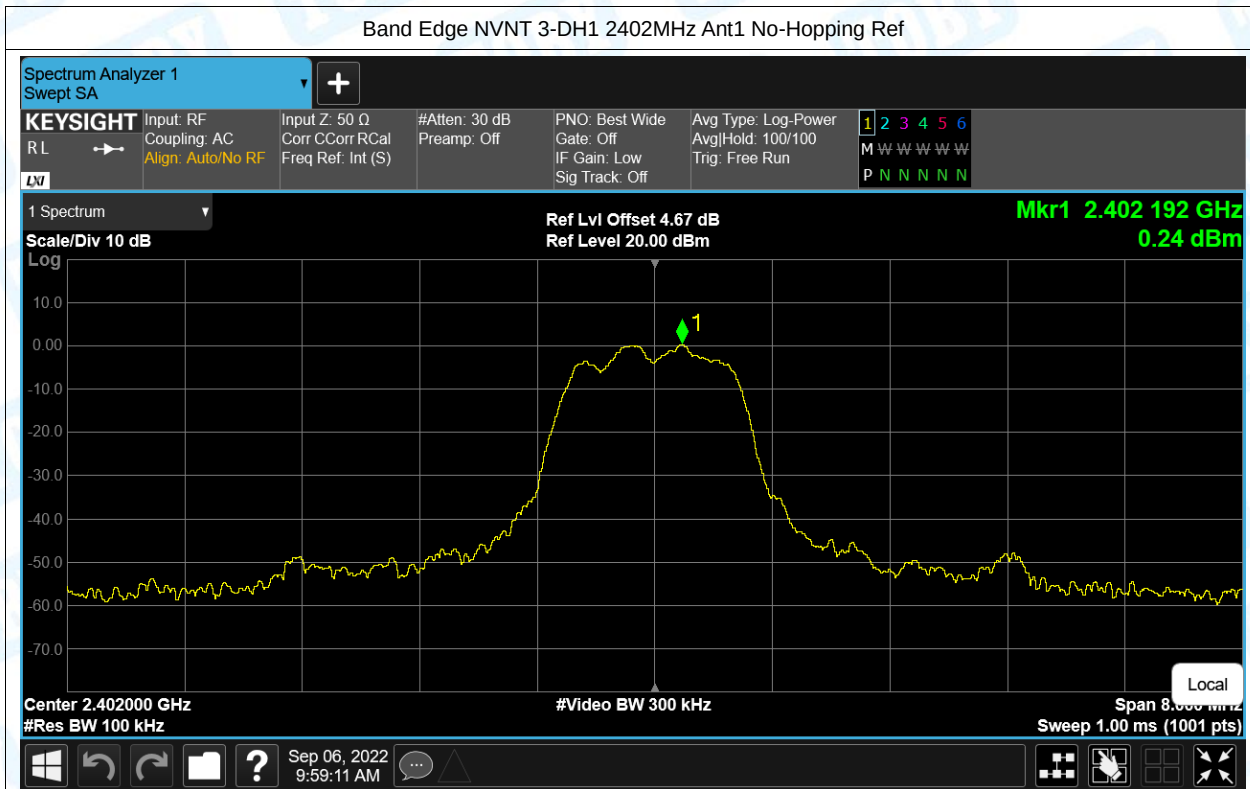


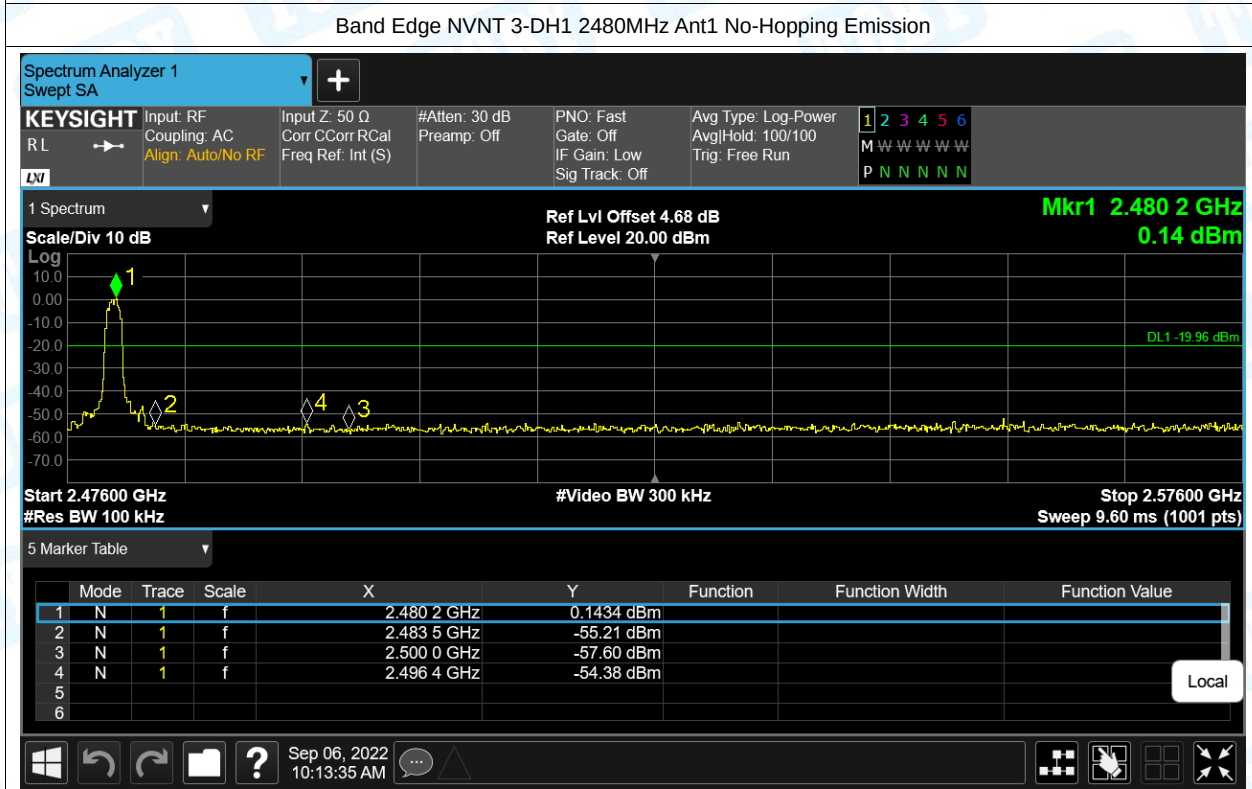
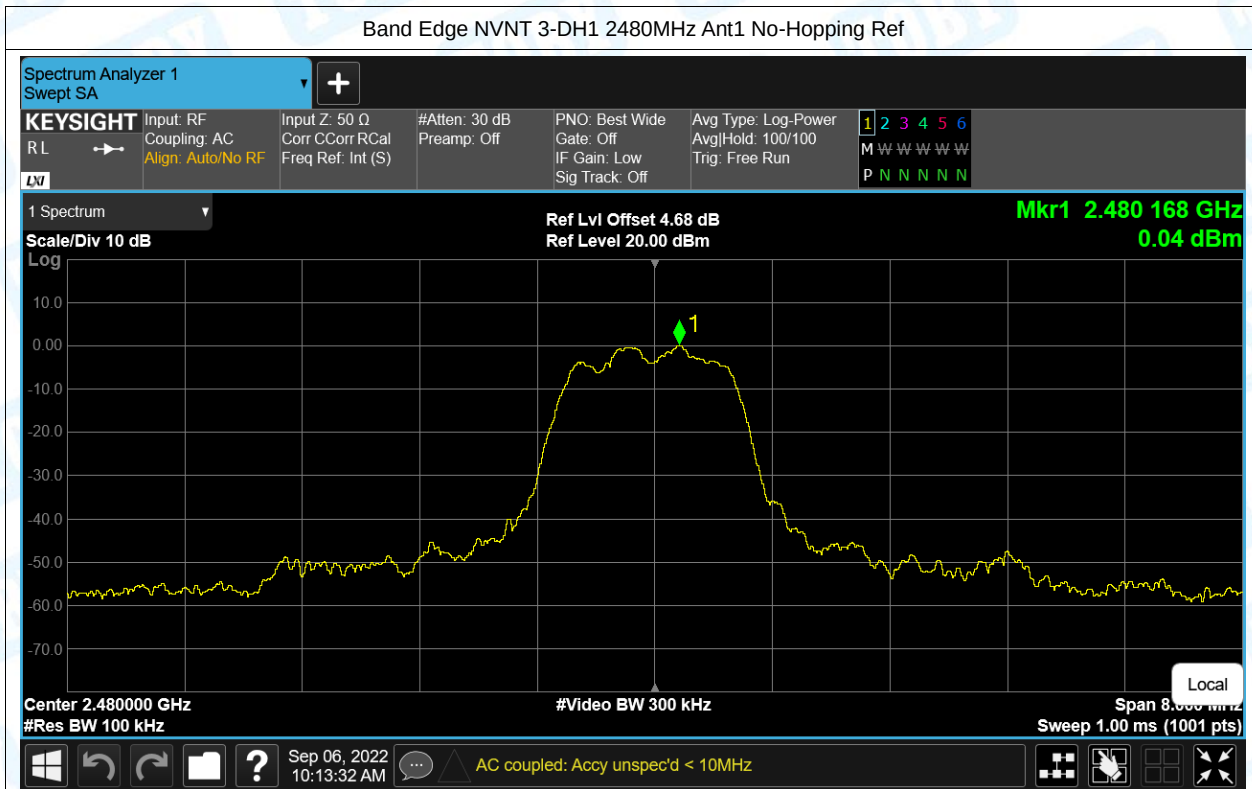
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission









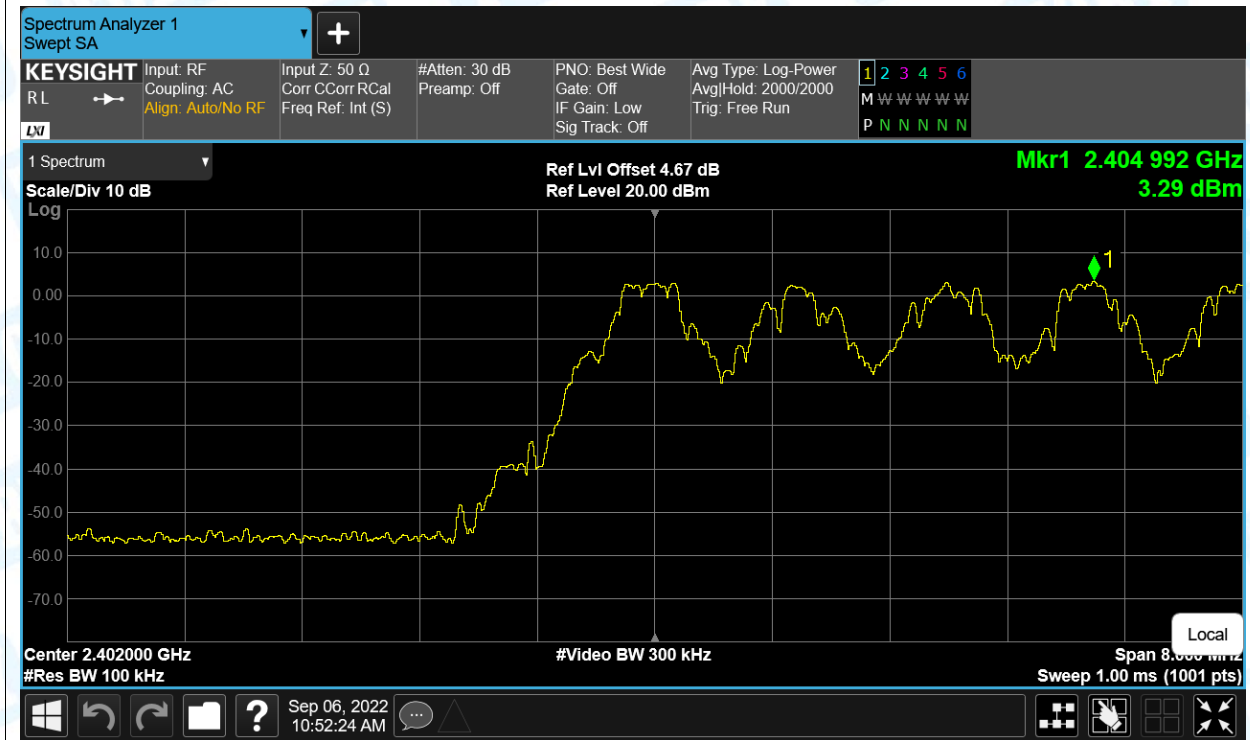


5. Band Edge(Hopping)

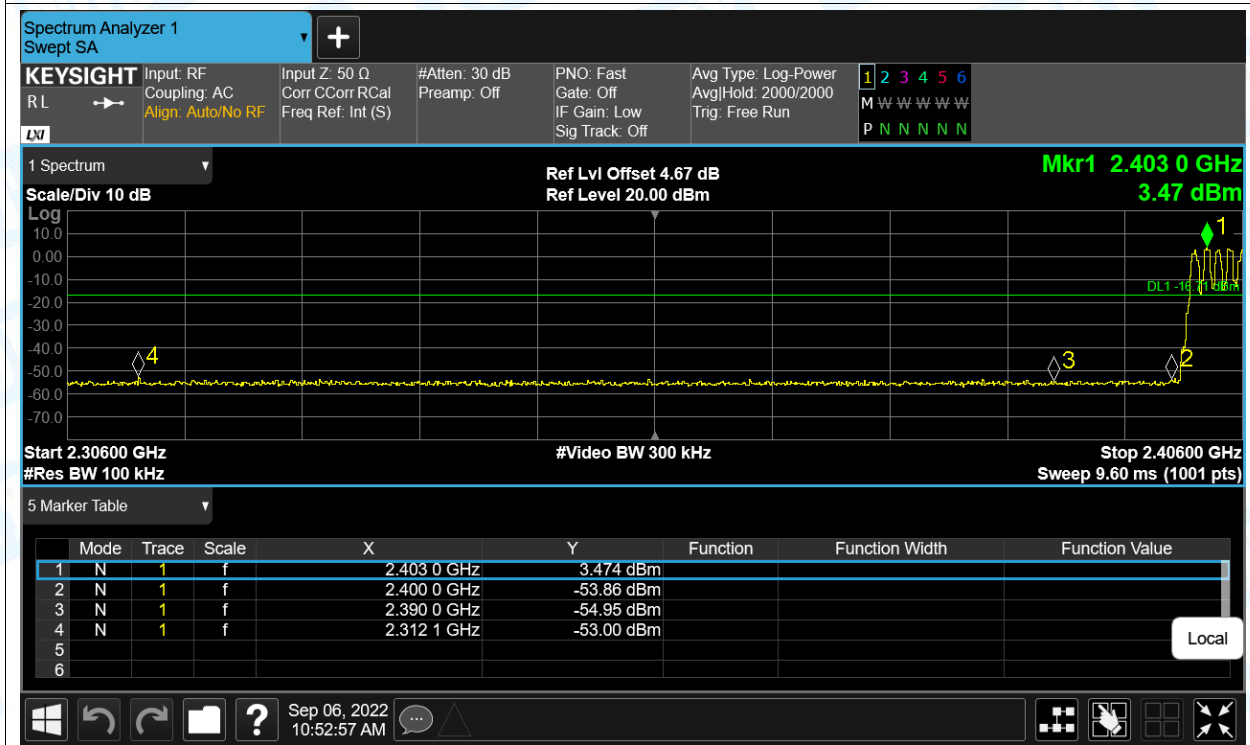
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-56.29	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-55.61	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-56.72	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-56.07	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-56.36	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-55.76	-20	Pass

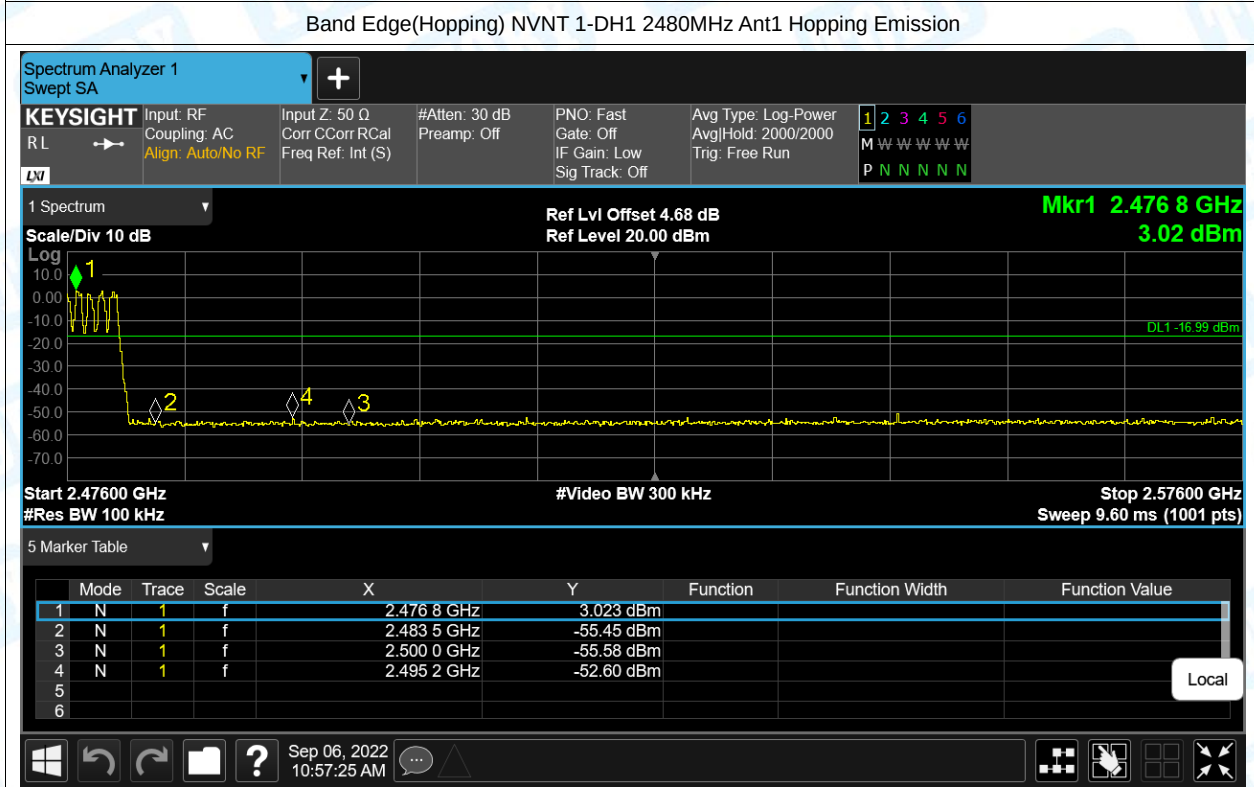
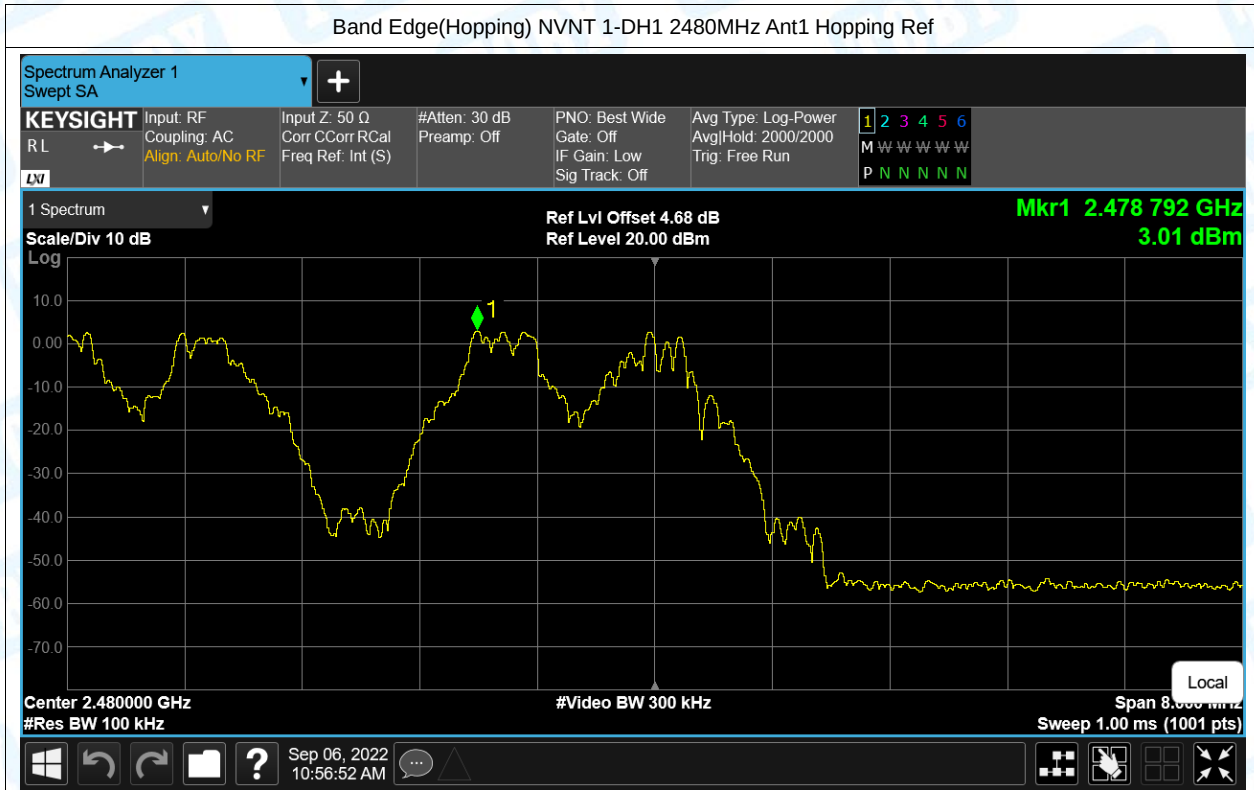
Test Graphs

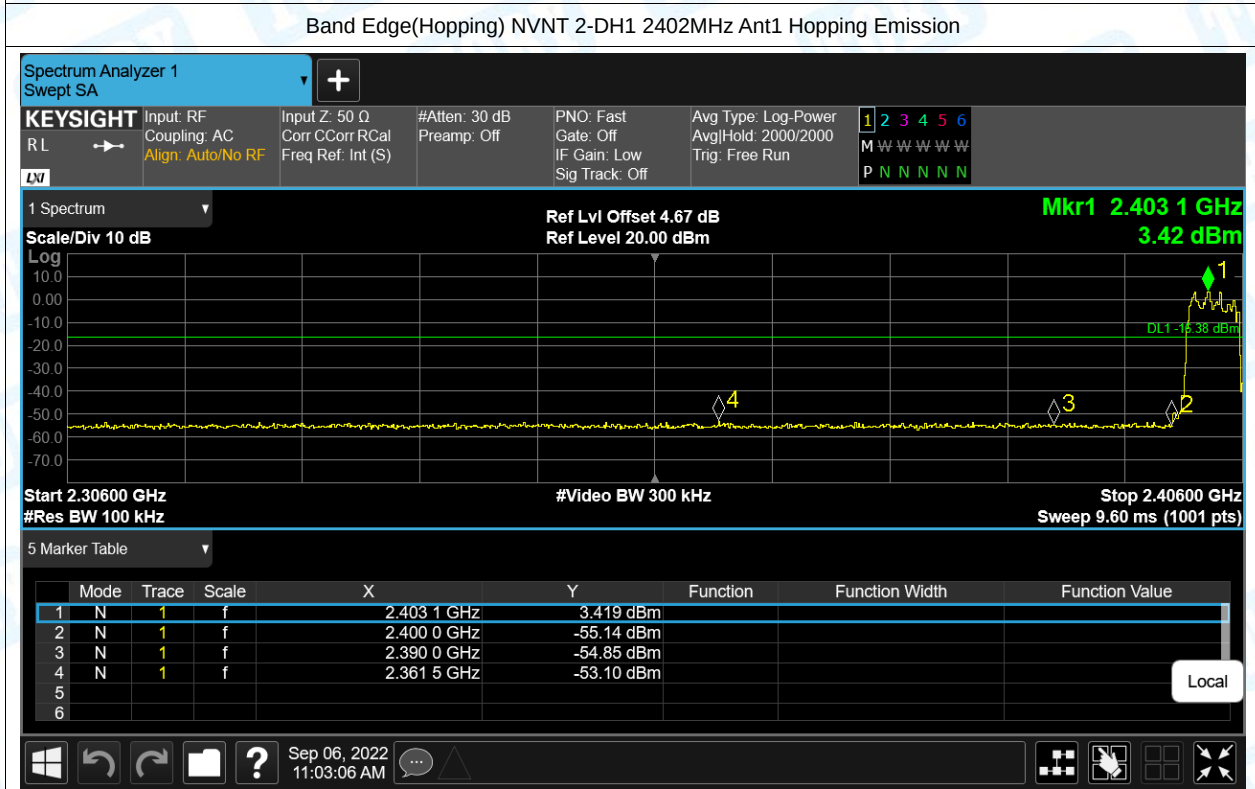
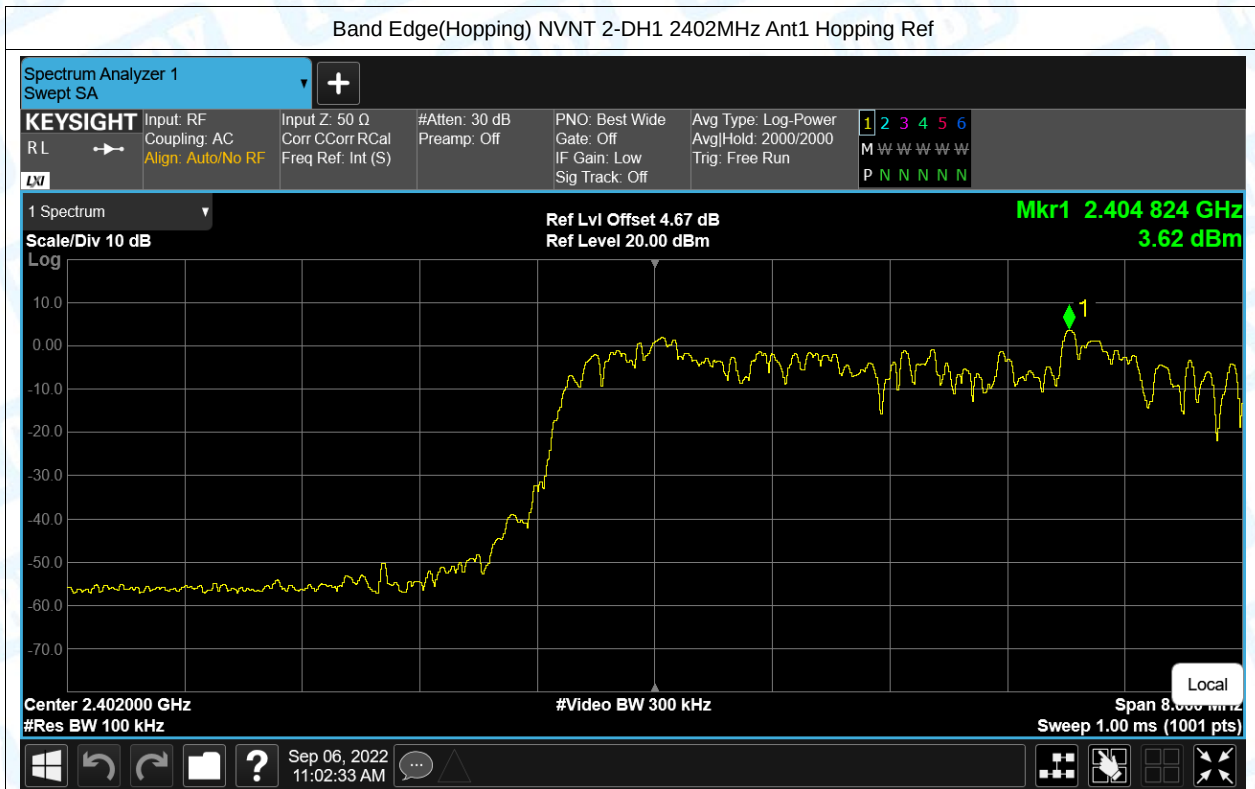
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref

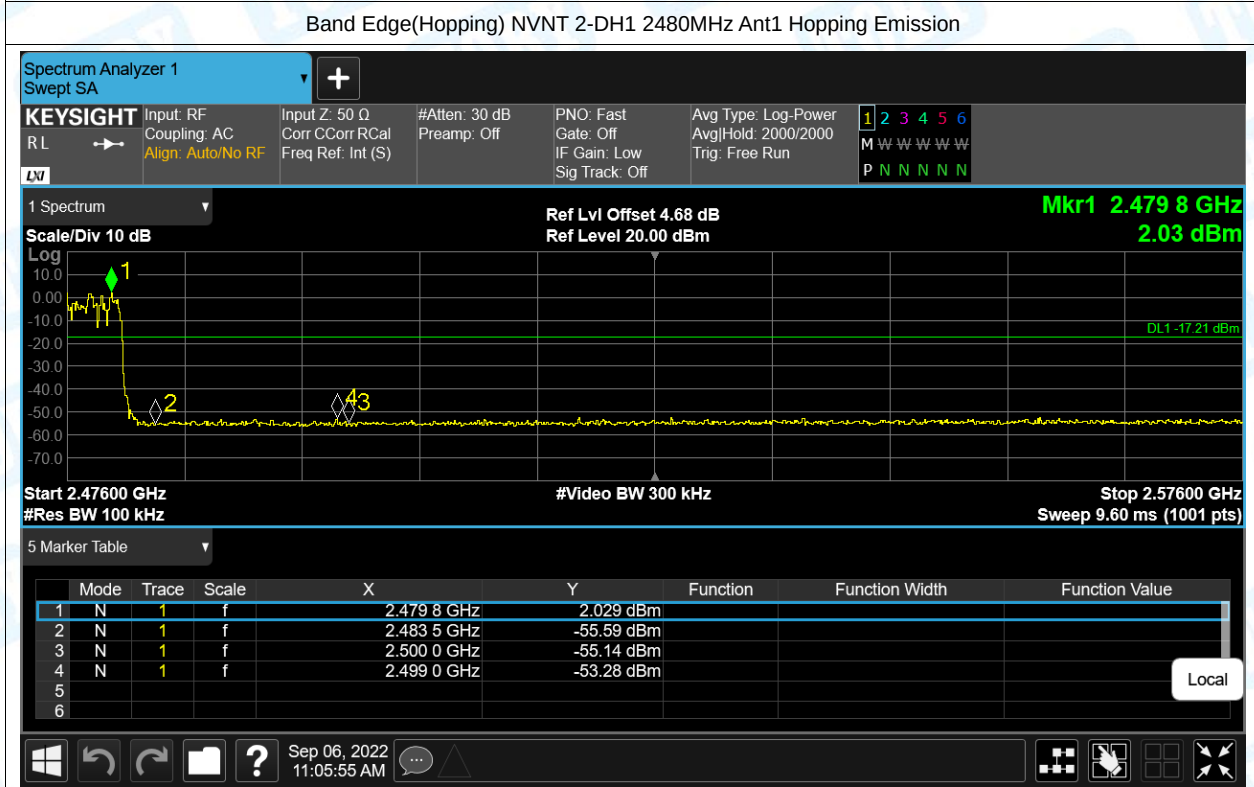
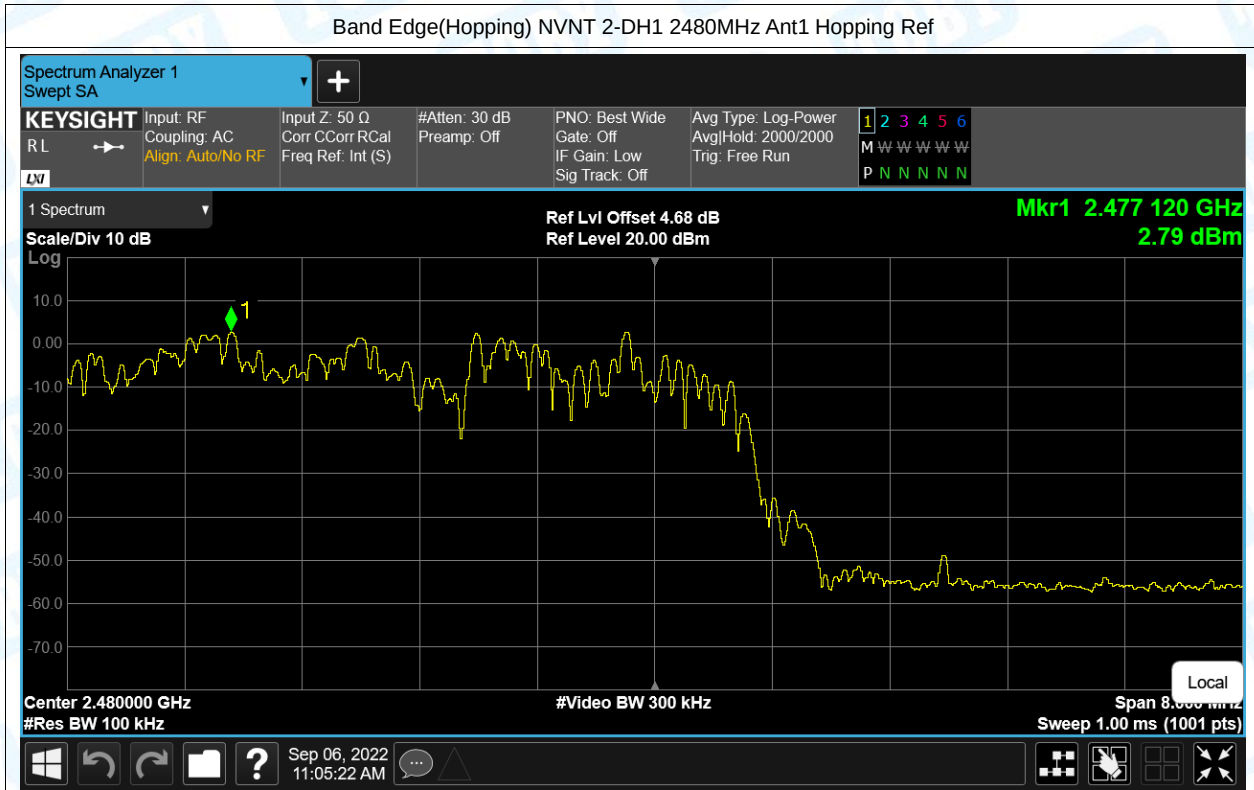


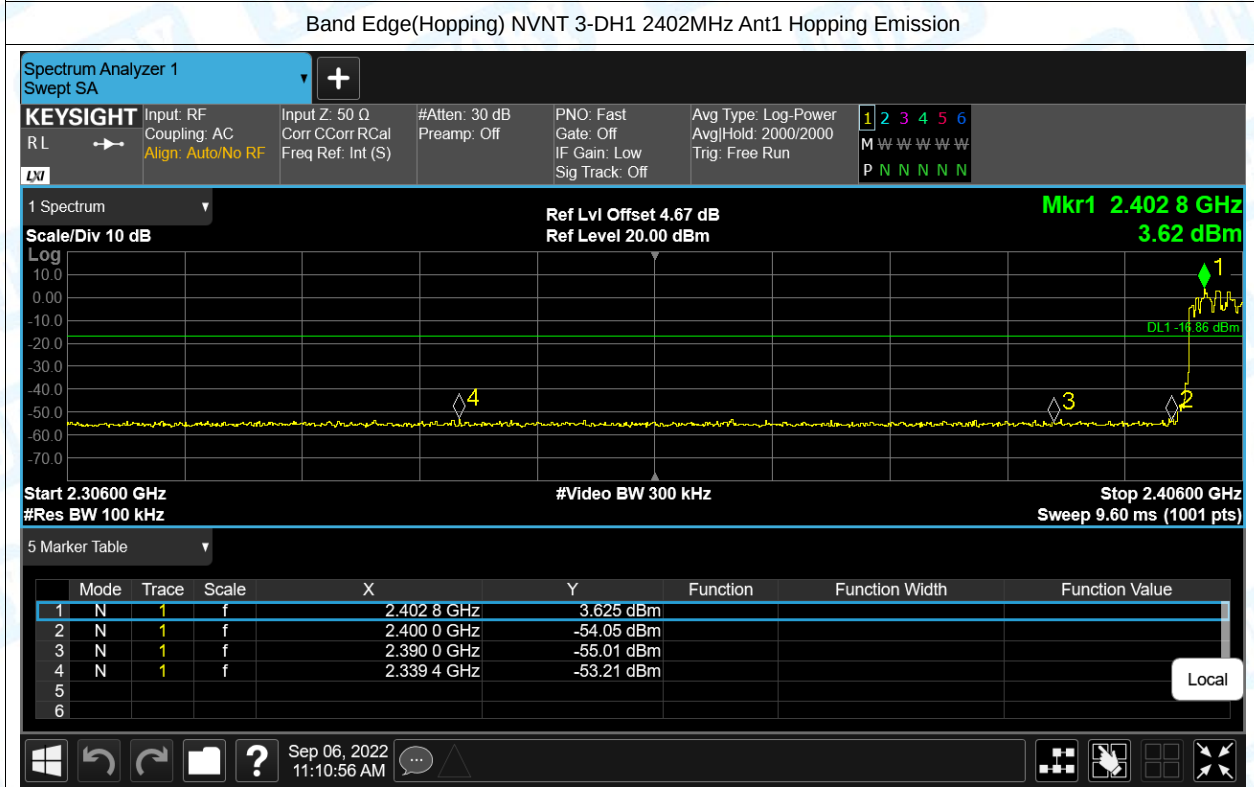
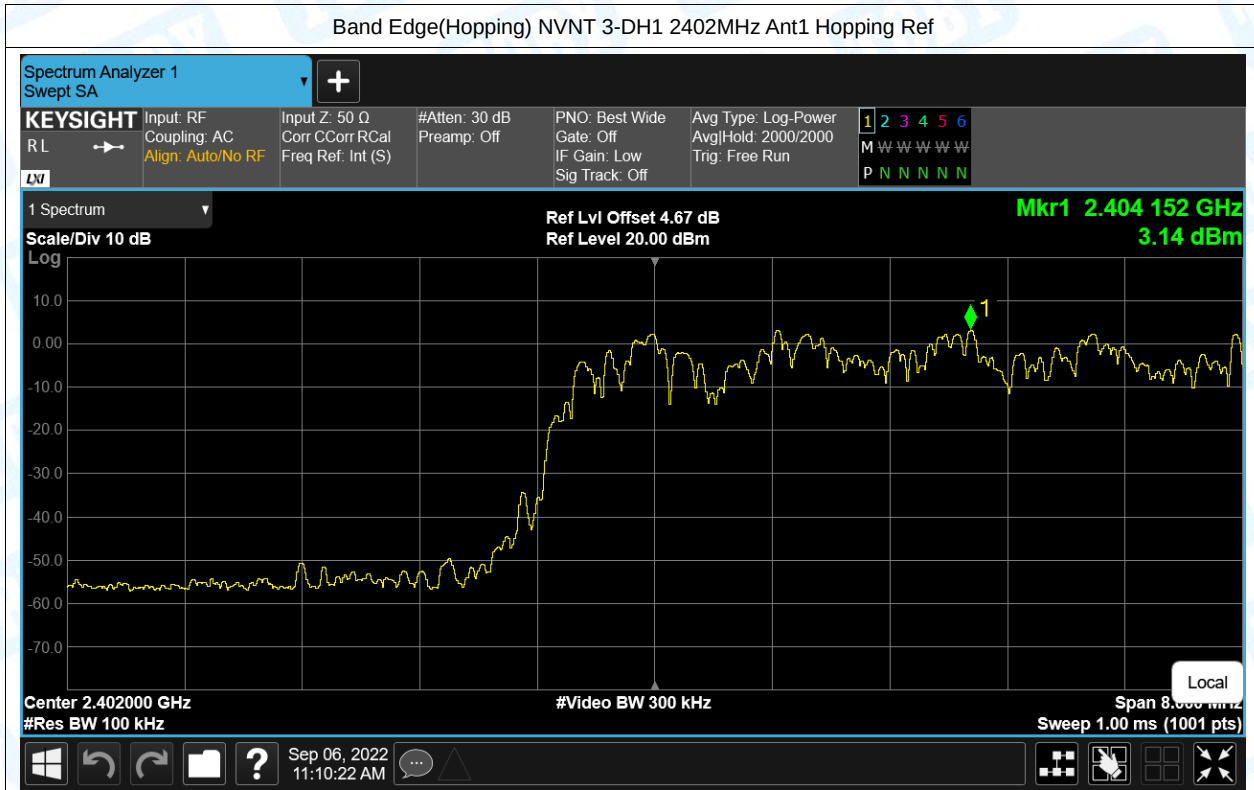
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission

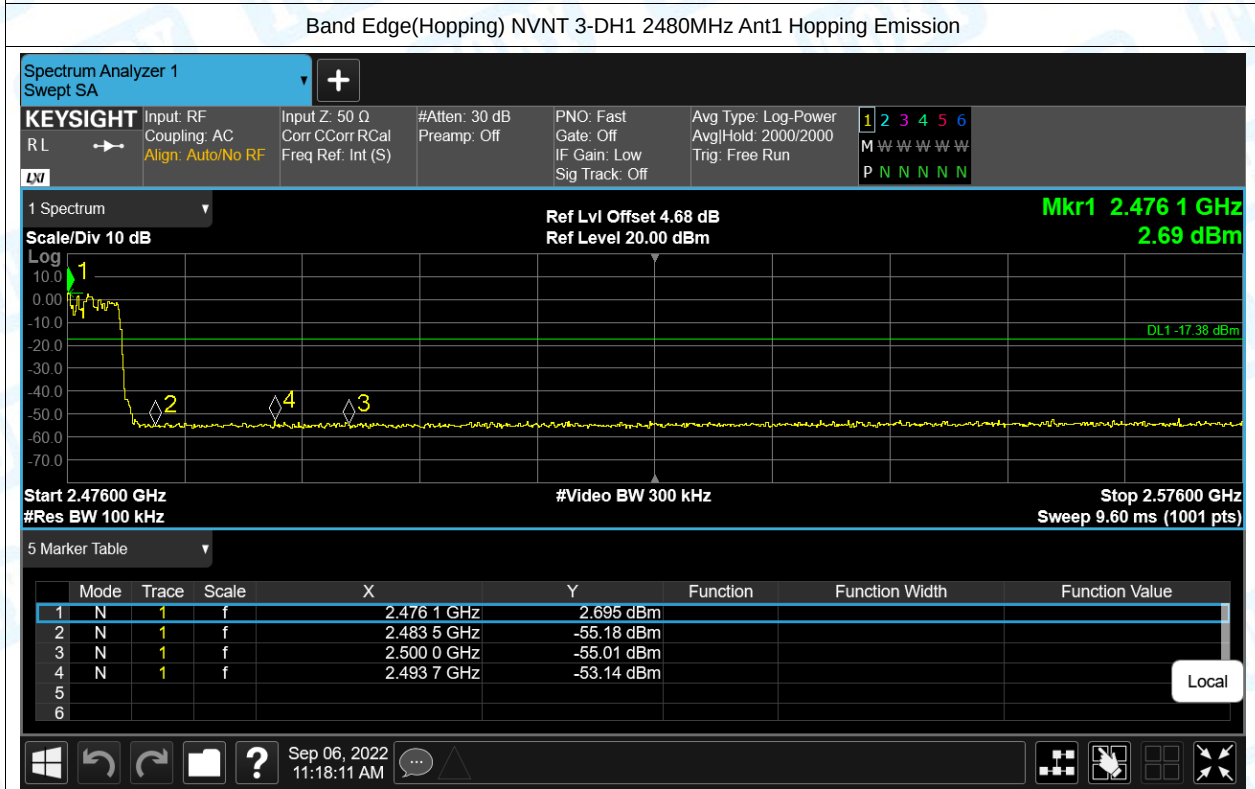
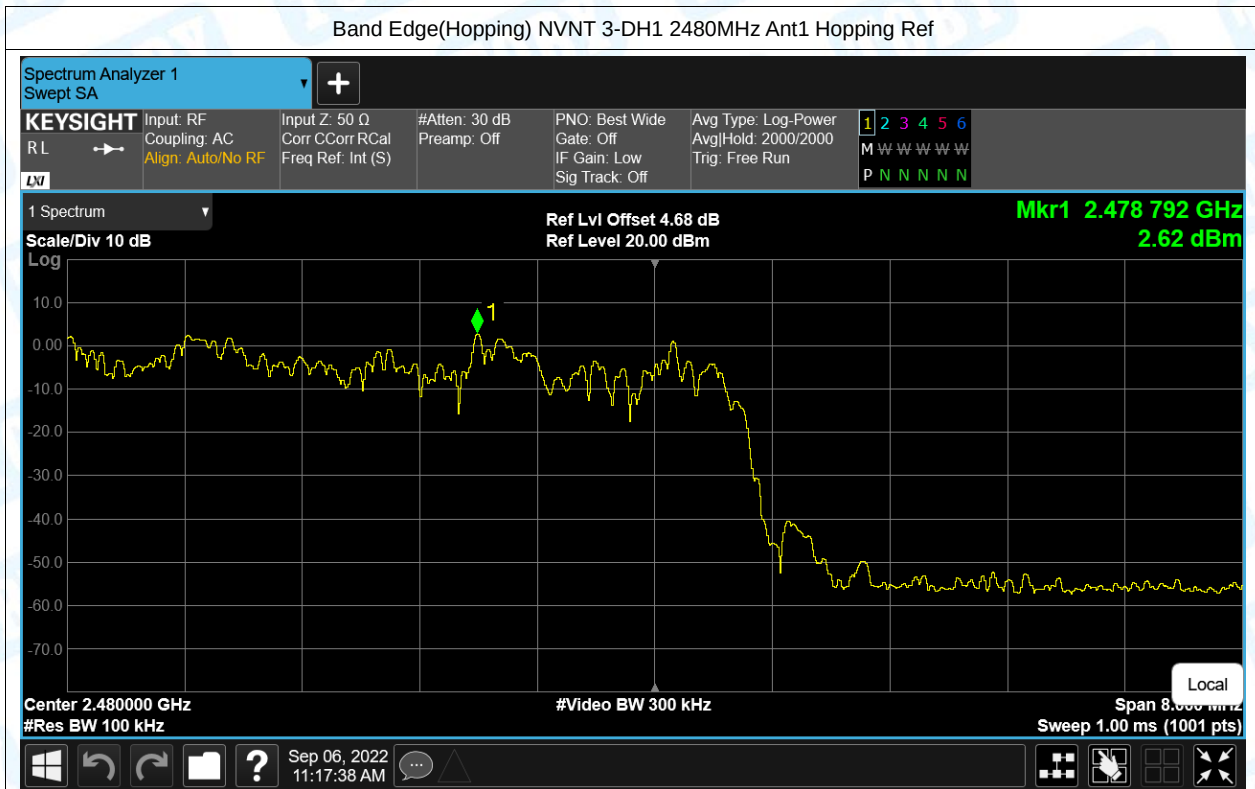






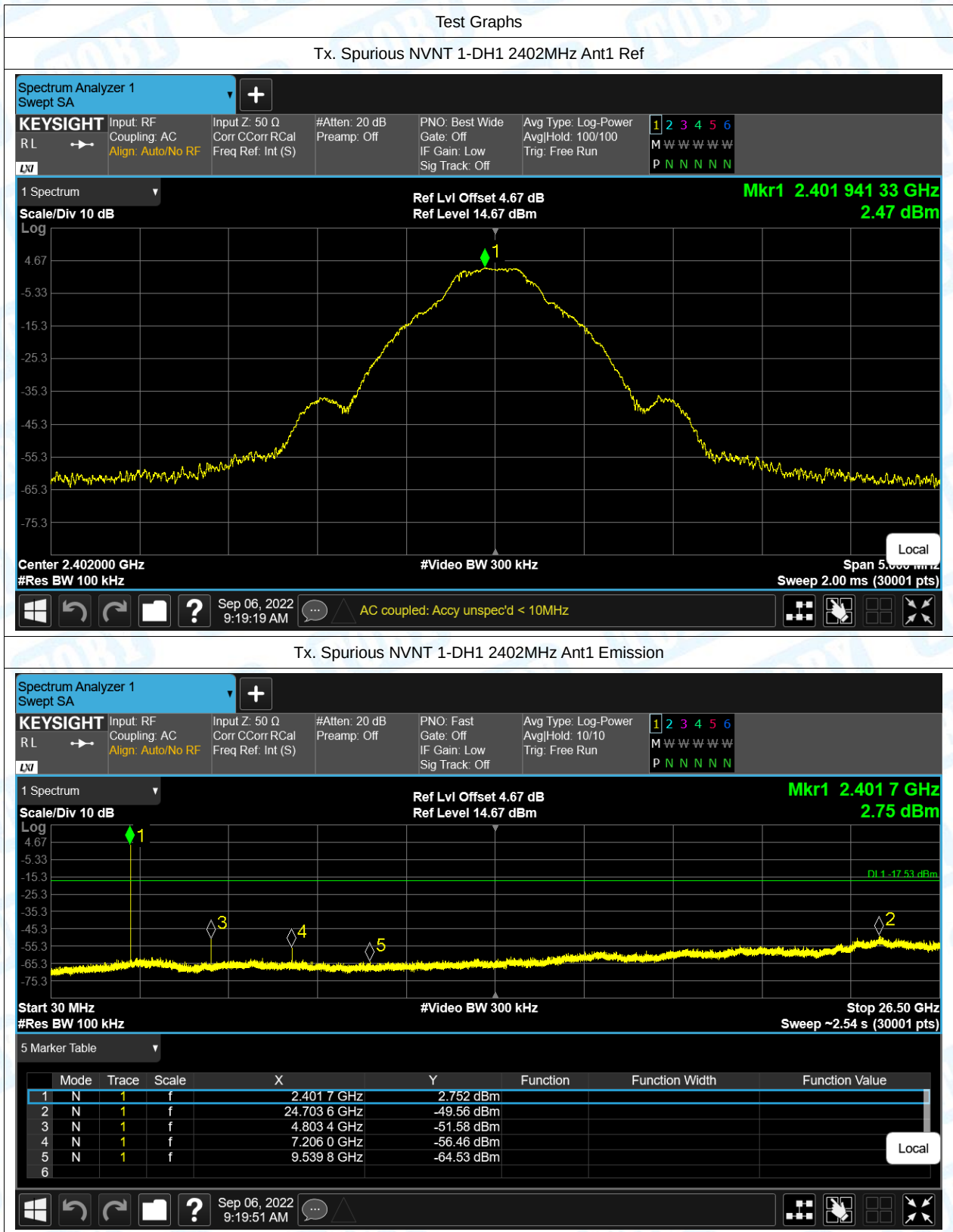




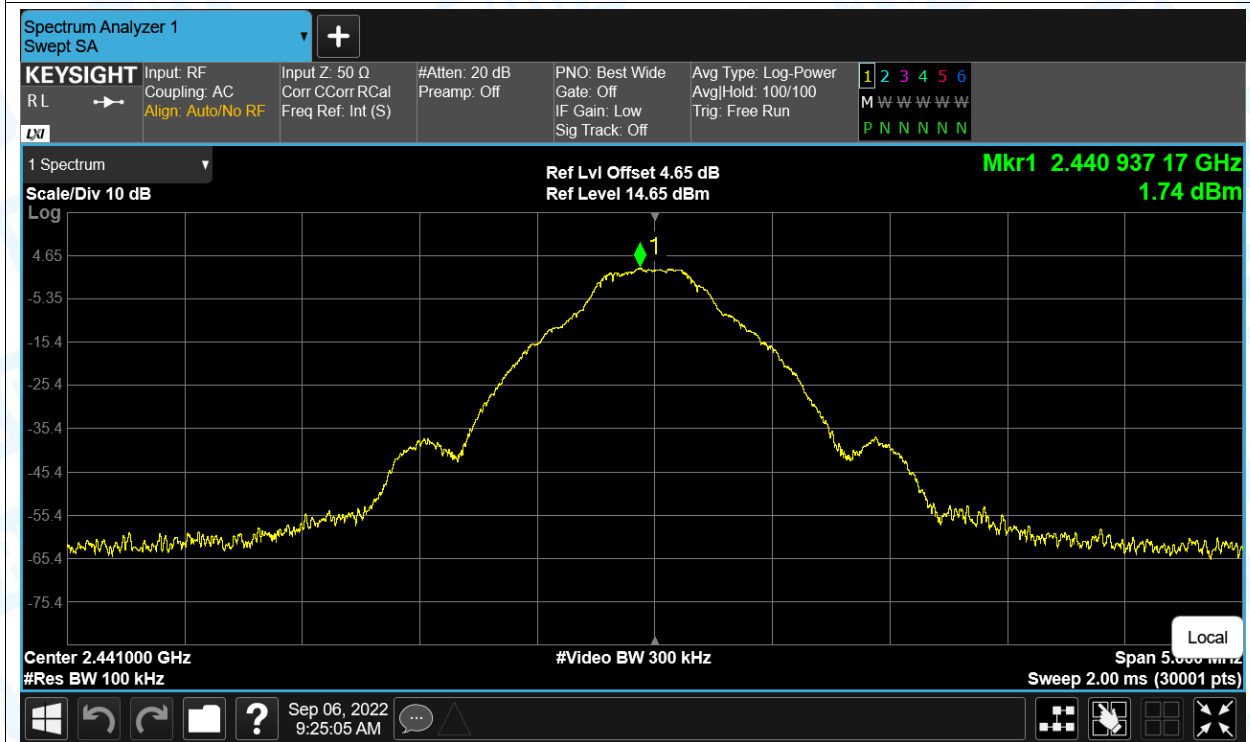


6. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-52.03	-20	Pass
NVNT	1-DH1	2441	Ant1	-51.22	-20	Pass
NVNT	1-DH1	2480	Ant1	-50.43	-20	Pass
NVNT	2-DH1	2402	Ant1	-49.7	-20	Pass
NVNT	2-DH1	2441	Ant1	-48.96	-20	Pass
NVNT	2-DH1	2480	Ant1	-48.88	-20	Pass
NVNT	3-DH1	2402	Ant1	-49.45	-20	Pass
NVNT	3-DH1	2441	Ant1	-49.2	-20	Pass
NVNT	3-DH1	2480	Ant1	-49.11	-20	Pass



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission

