

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	

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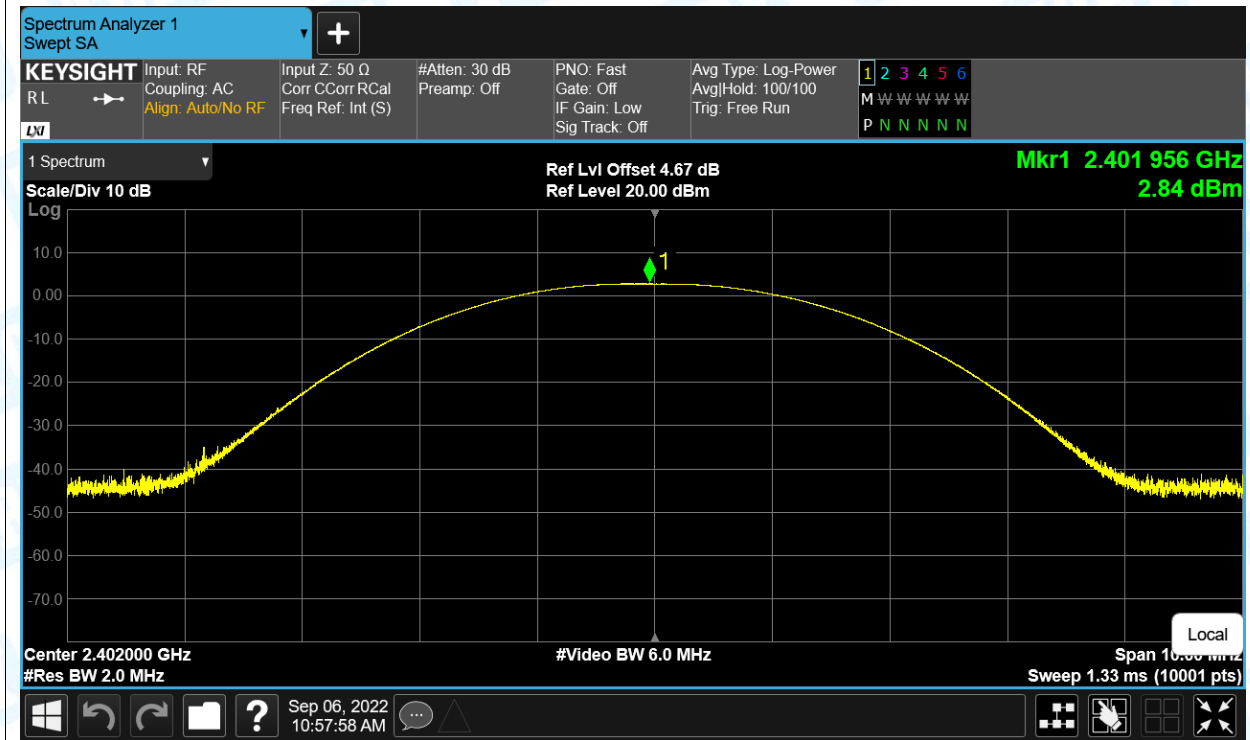
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1. Maximum Conducted Output Power

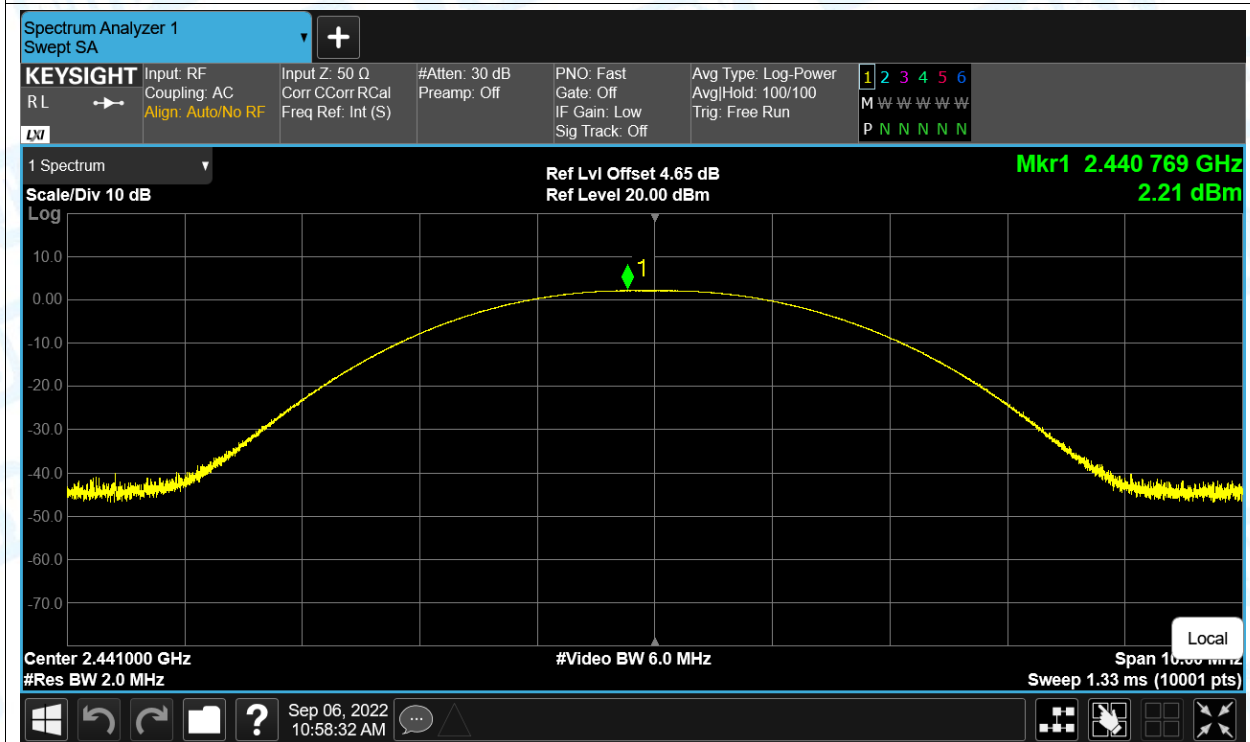
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	2.842	21	Pass
NVNT	1-DH1	2441	Ant1	2.213	21	Pass
NVNT	1-DH1	2480	Ant1	1.386	21	Pass
NVNT	2-DH1	2402	Ant1	2.039	21	Pass
NVNT	2-DH1	2441	Ant1	1.425	21	Pass
NVNT	2-DH1	2480	Ant1	2.618	21	Pass
NVNT	3-DH1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

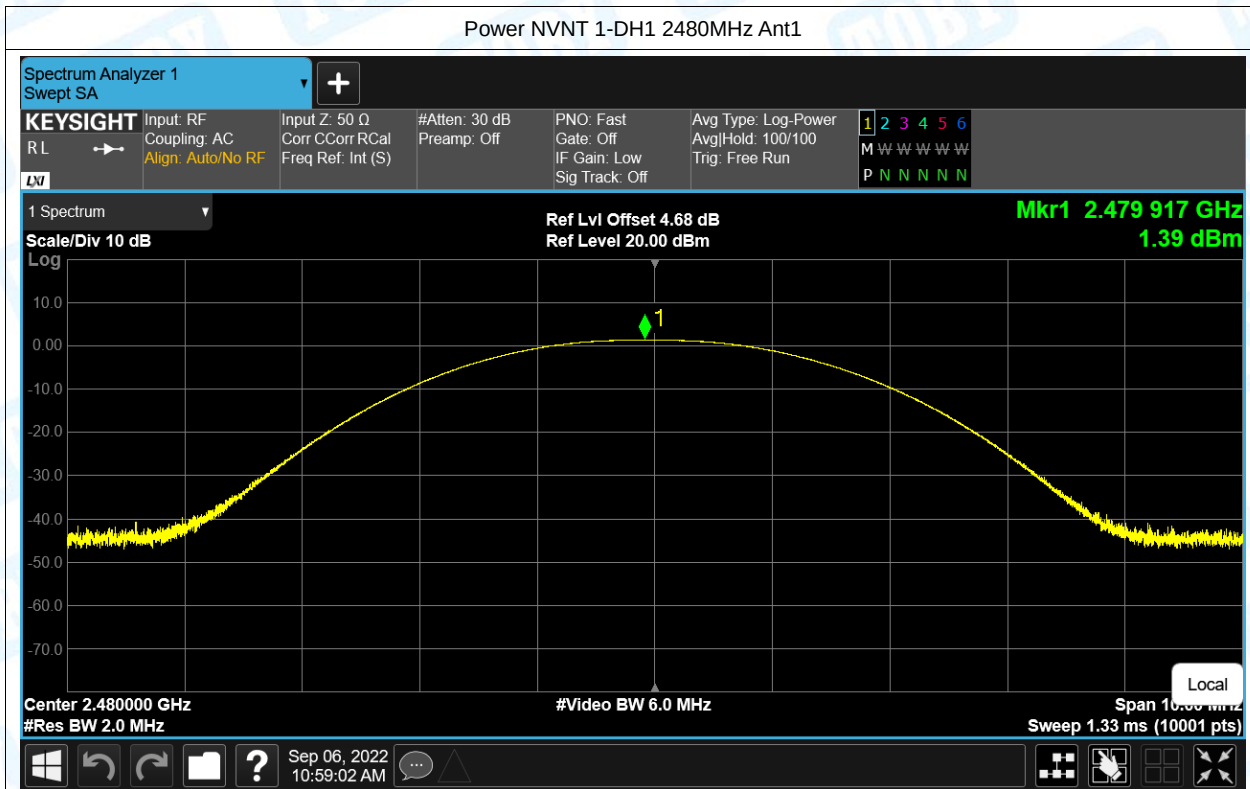
Test Graphs

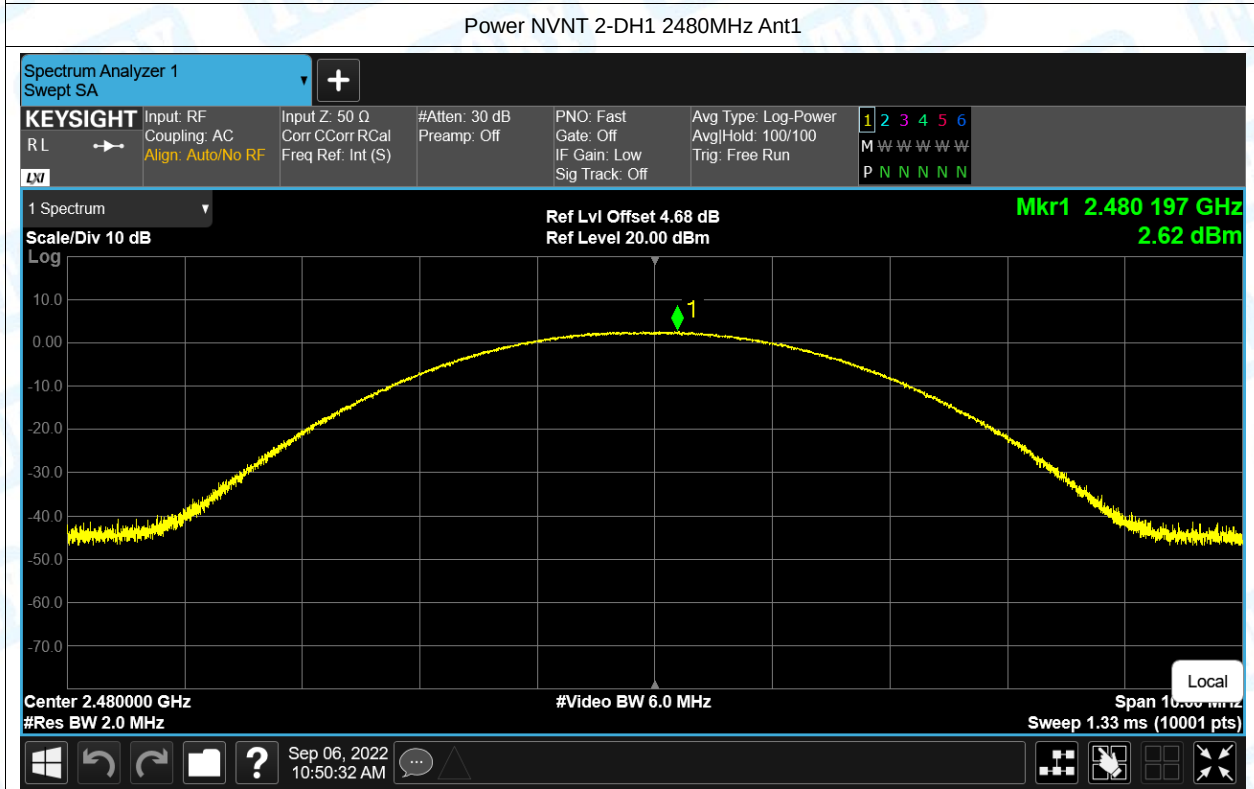
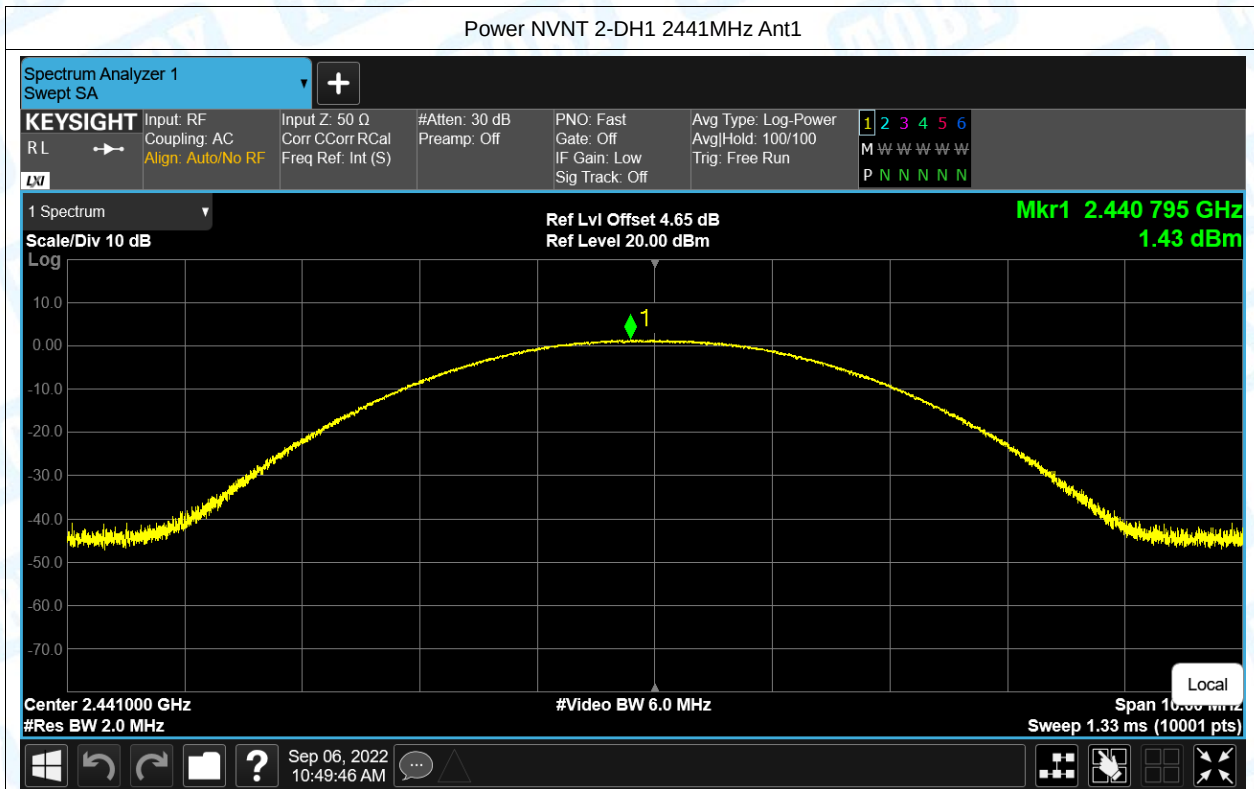
Power NVNT 1-DH1 2402MHz Ant1

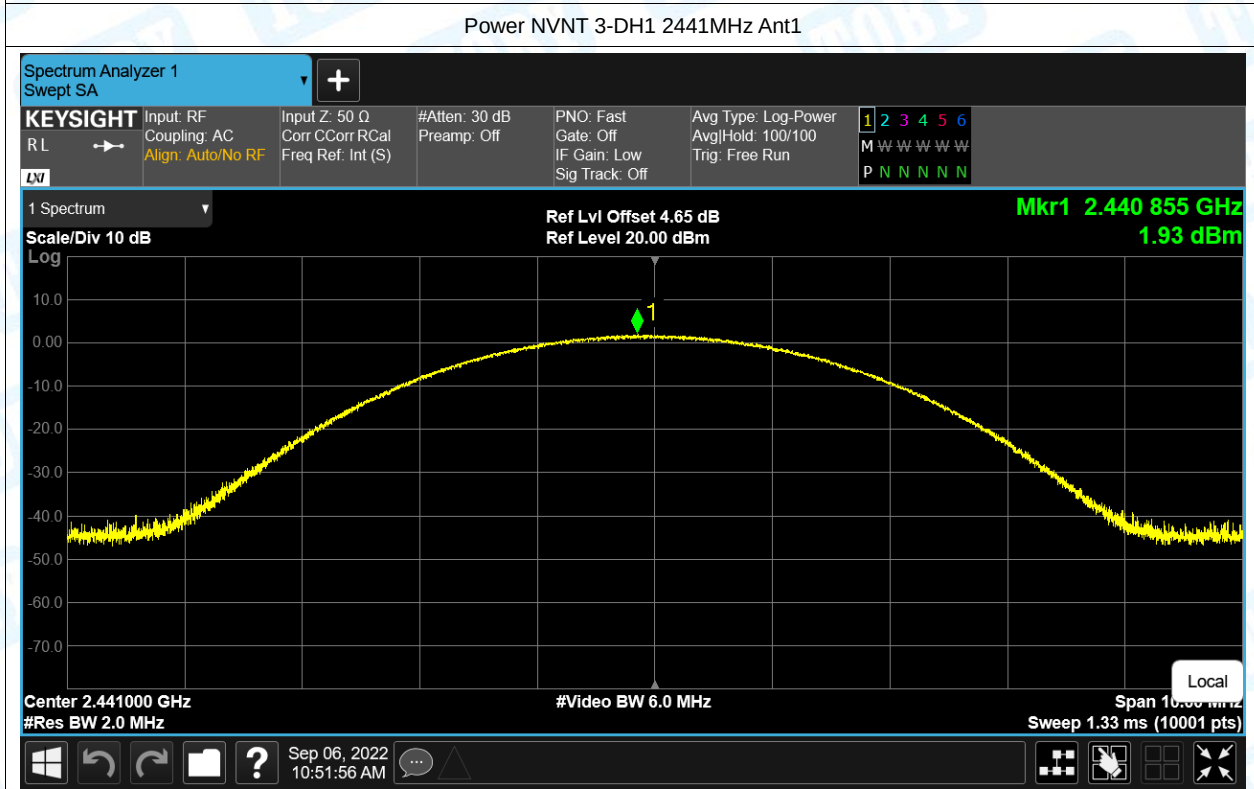
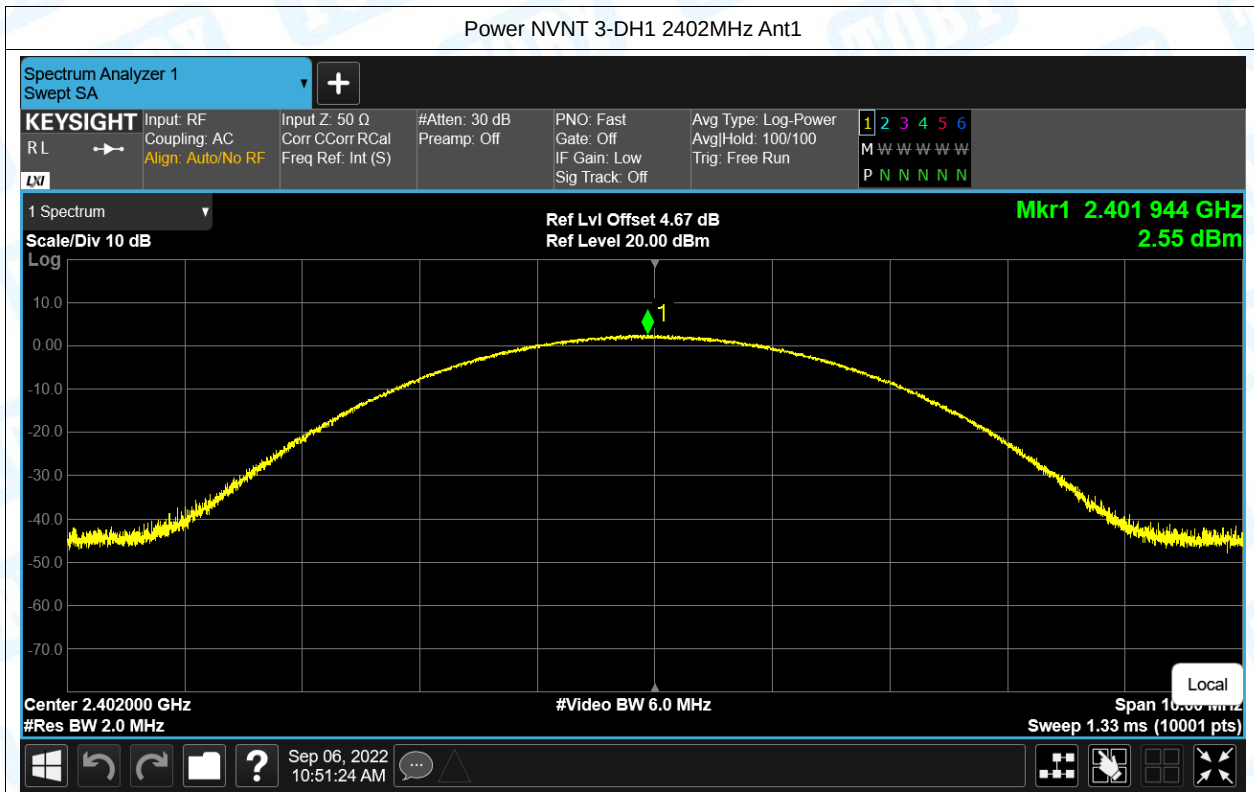


Power NVNT 1-DH1 2441MHz Ant1









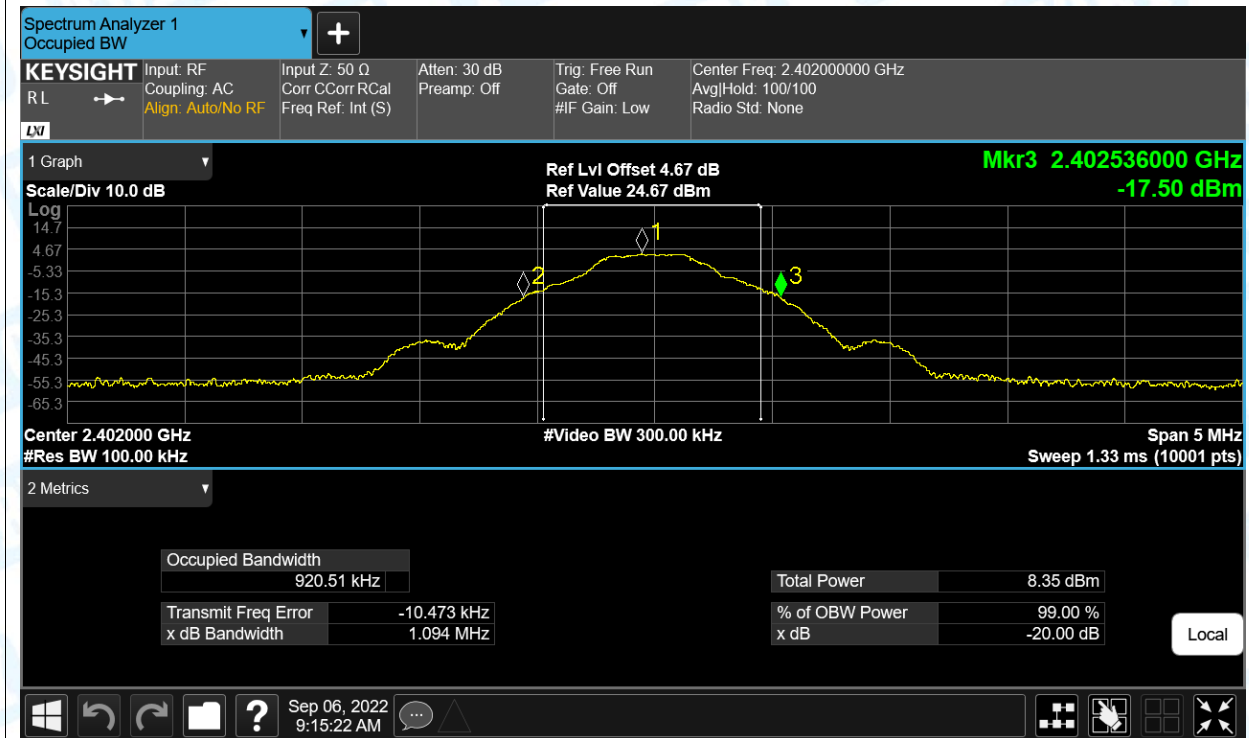


2. -20dB Bandwidth

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

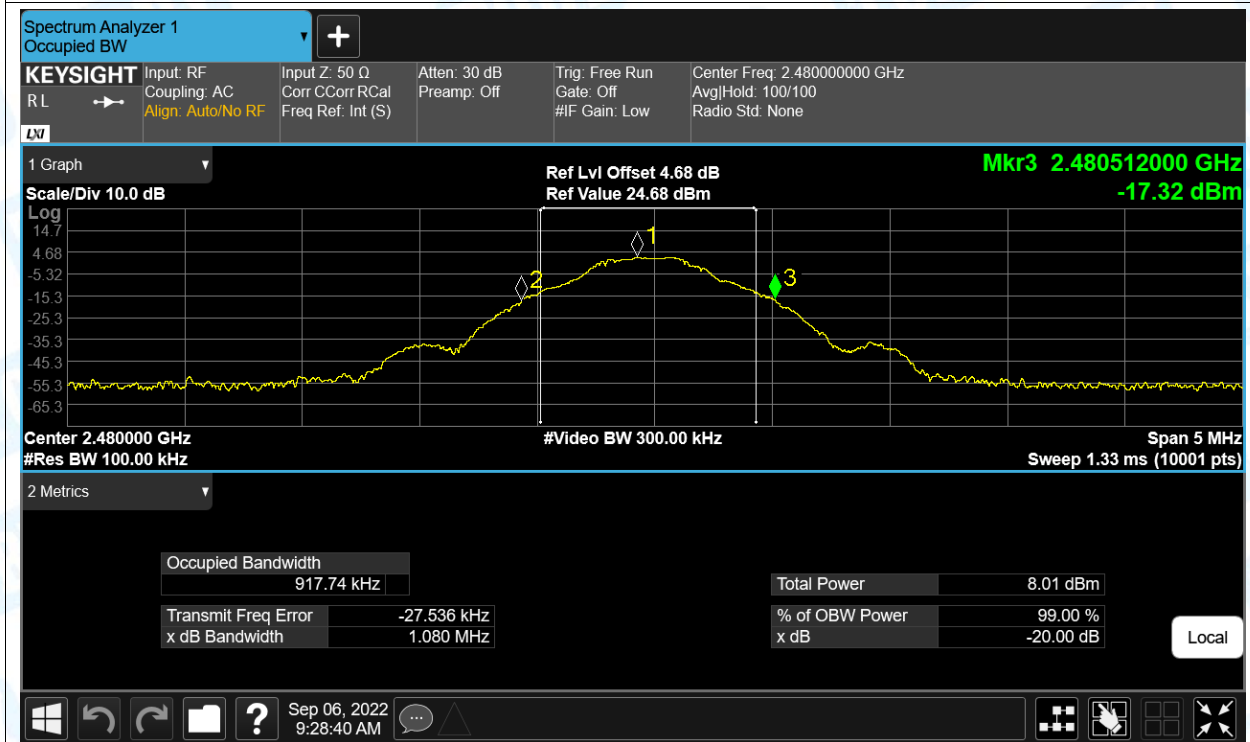
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



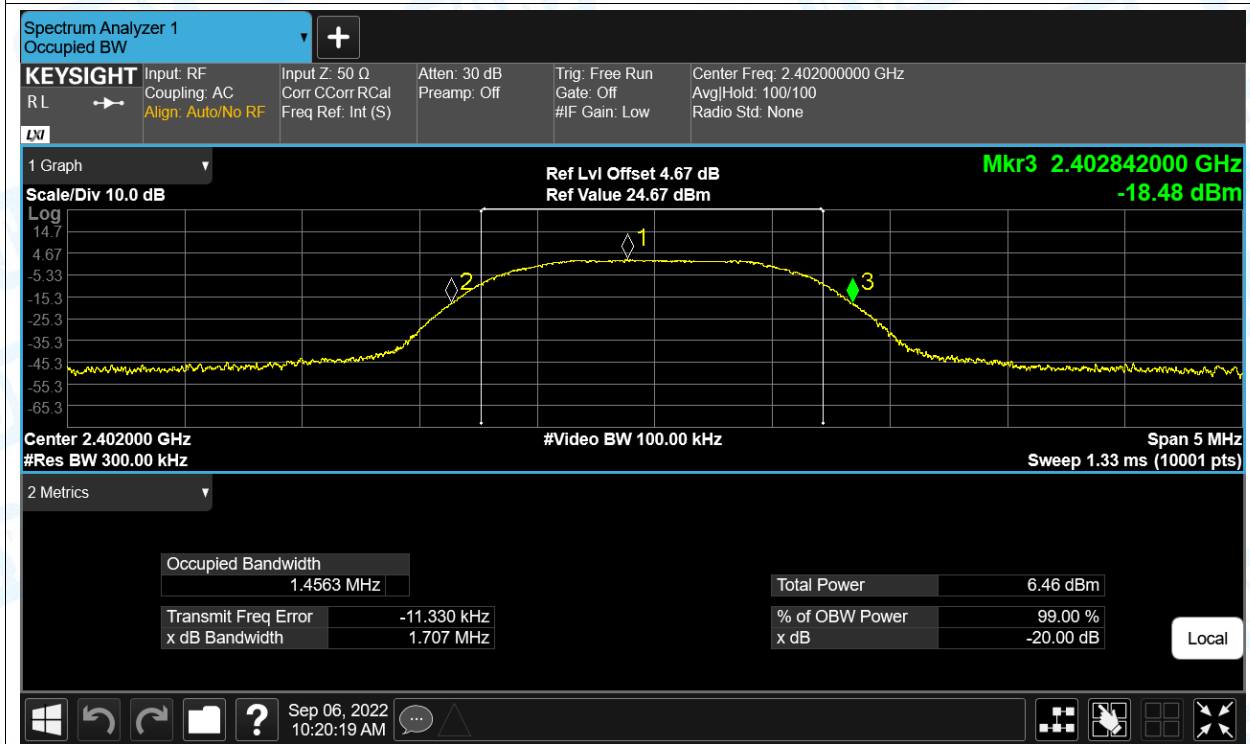
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



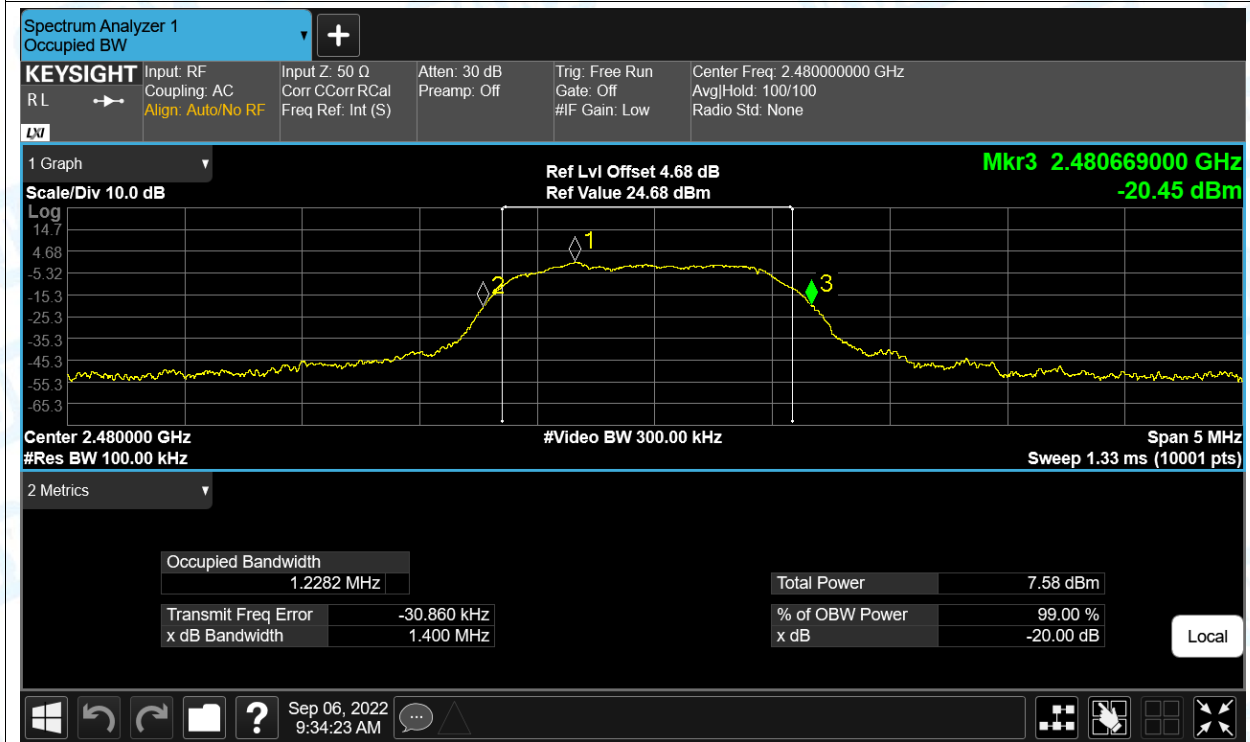
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



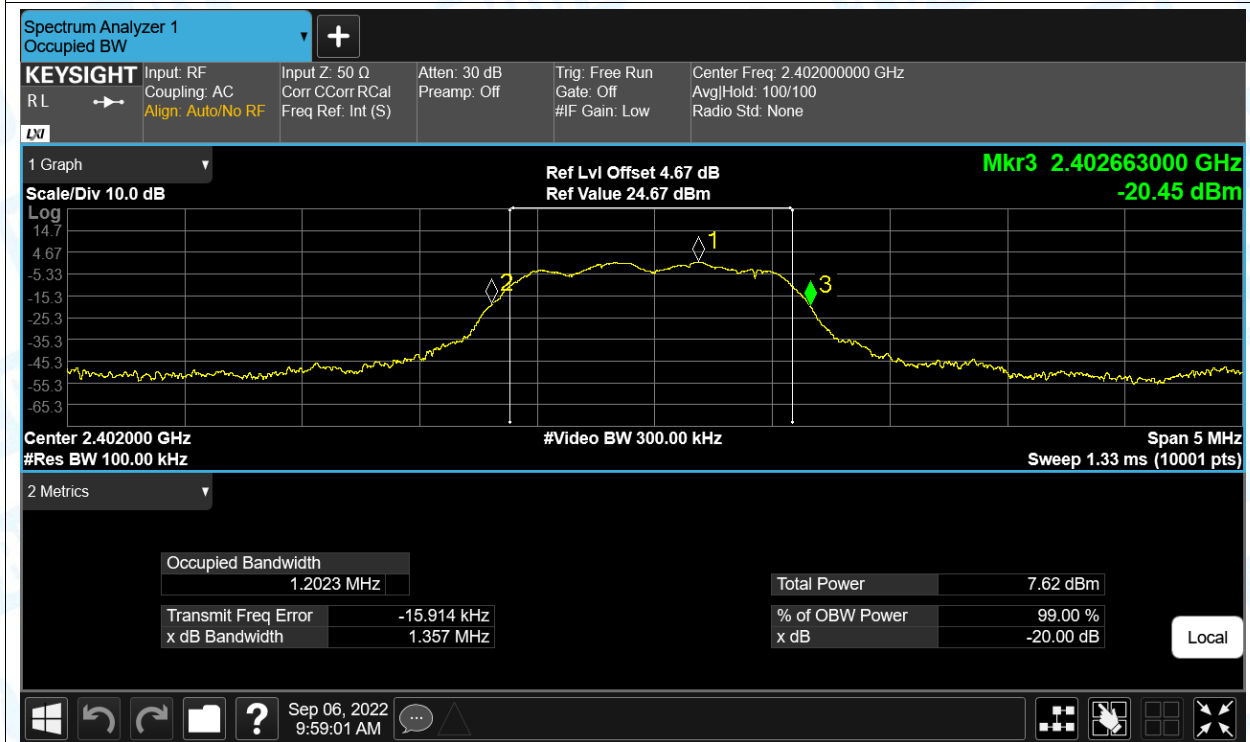
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



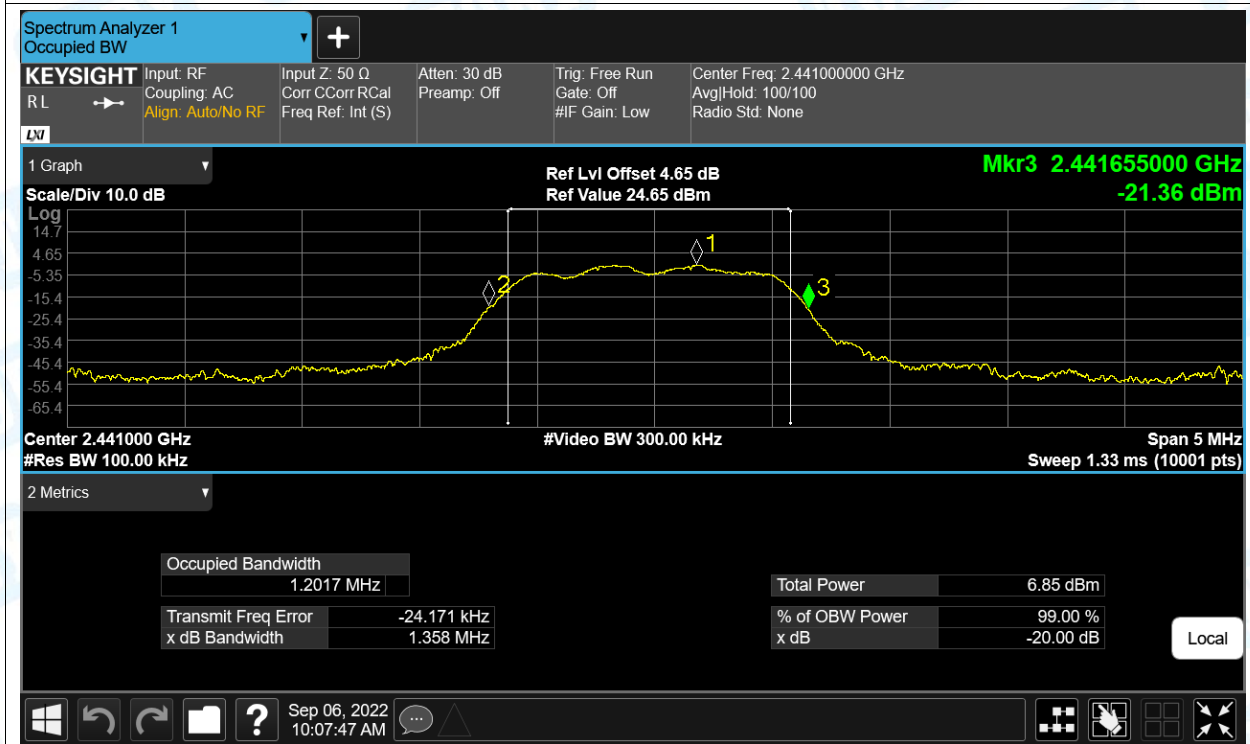
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

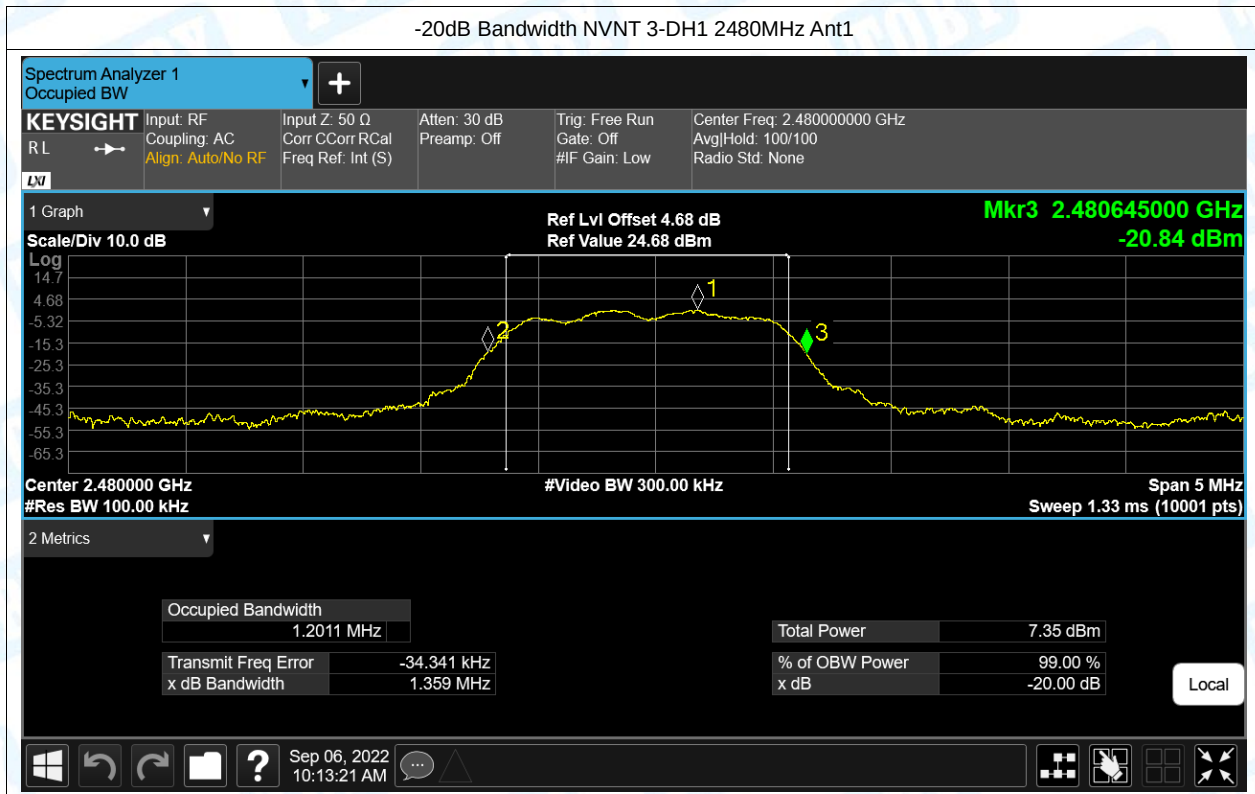


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-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

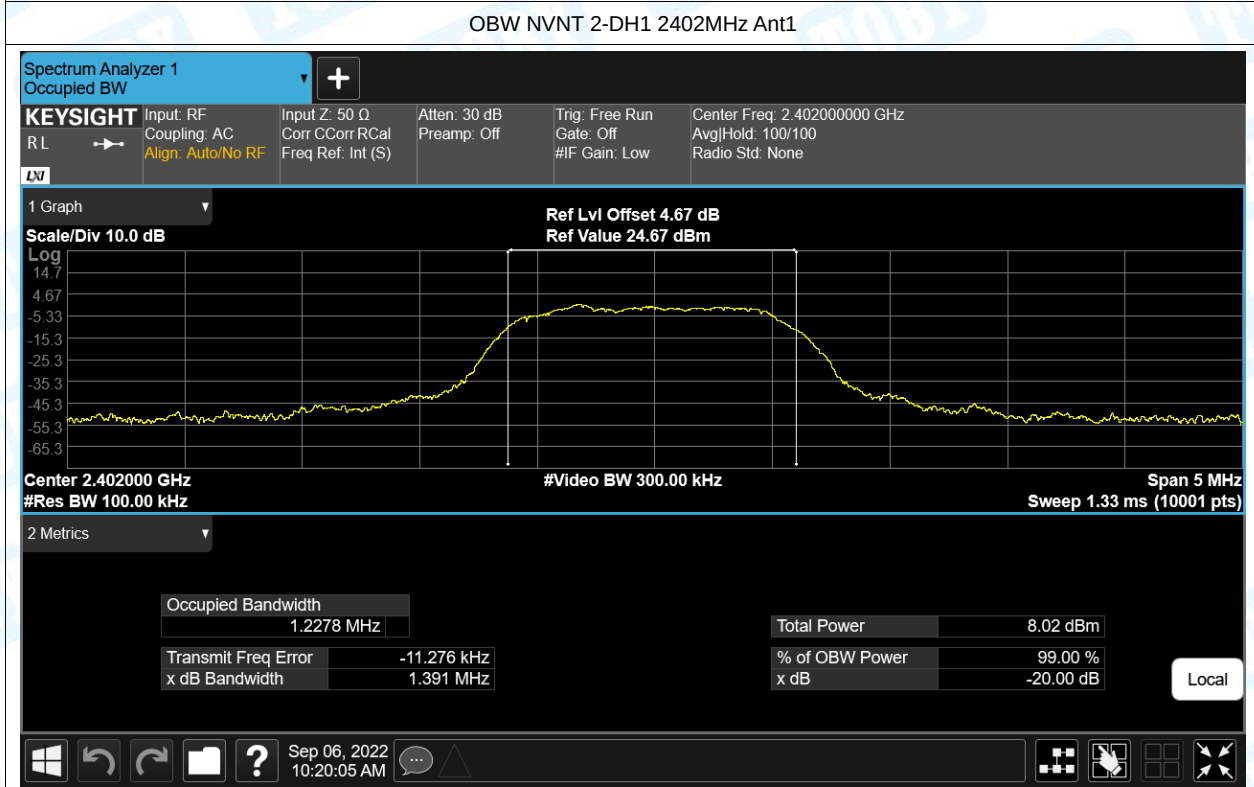
Test Graphs

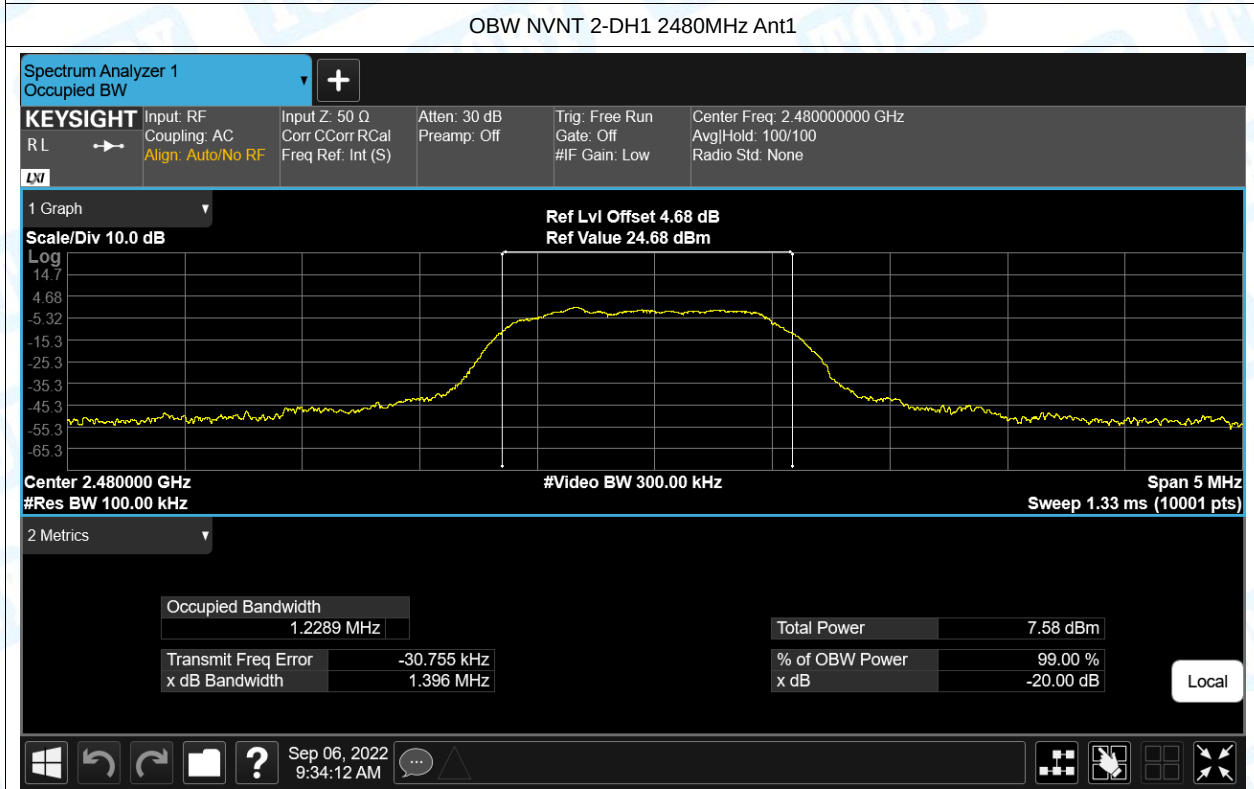
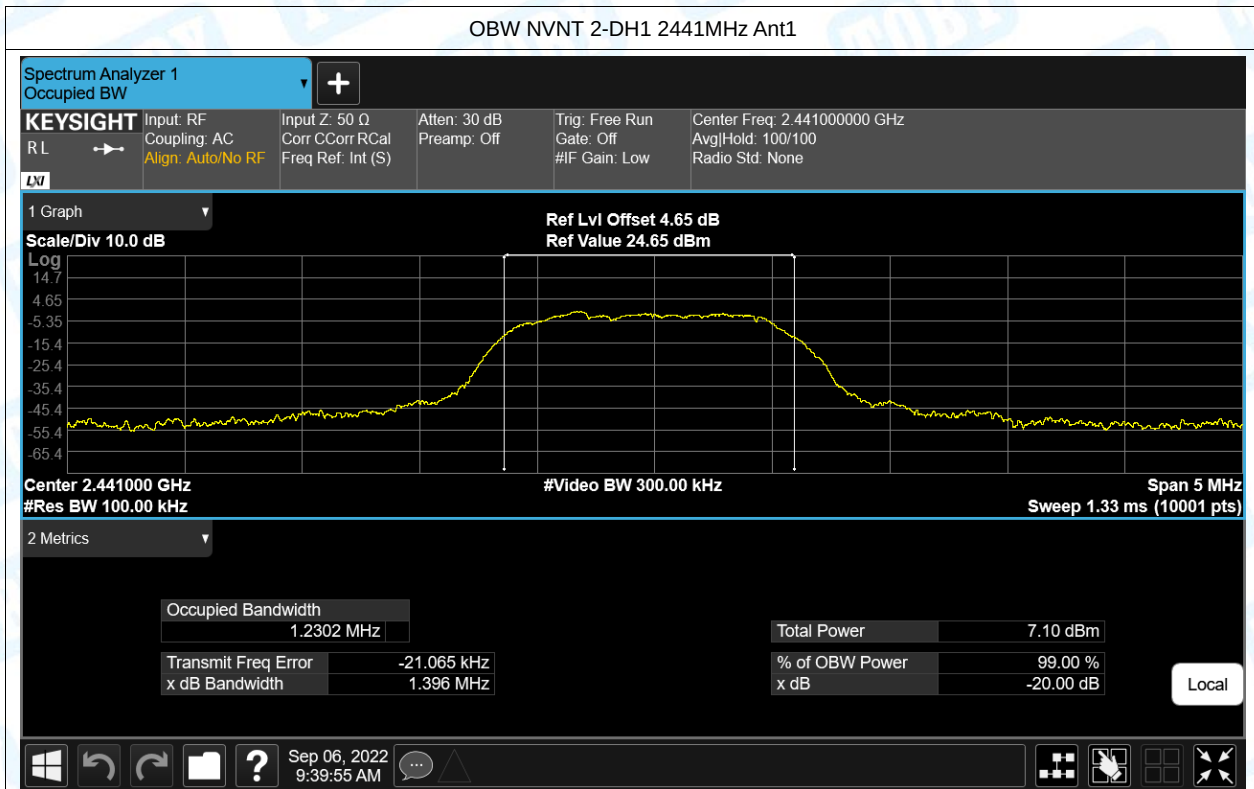
OBW NVNT 1-DH1 2402MHz Ant1

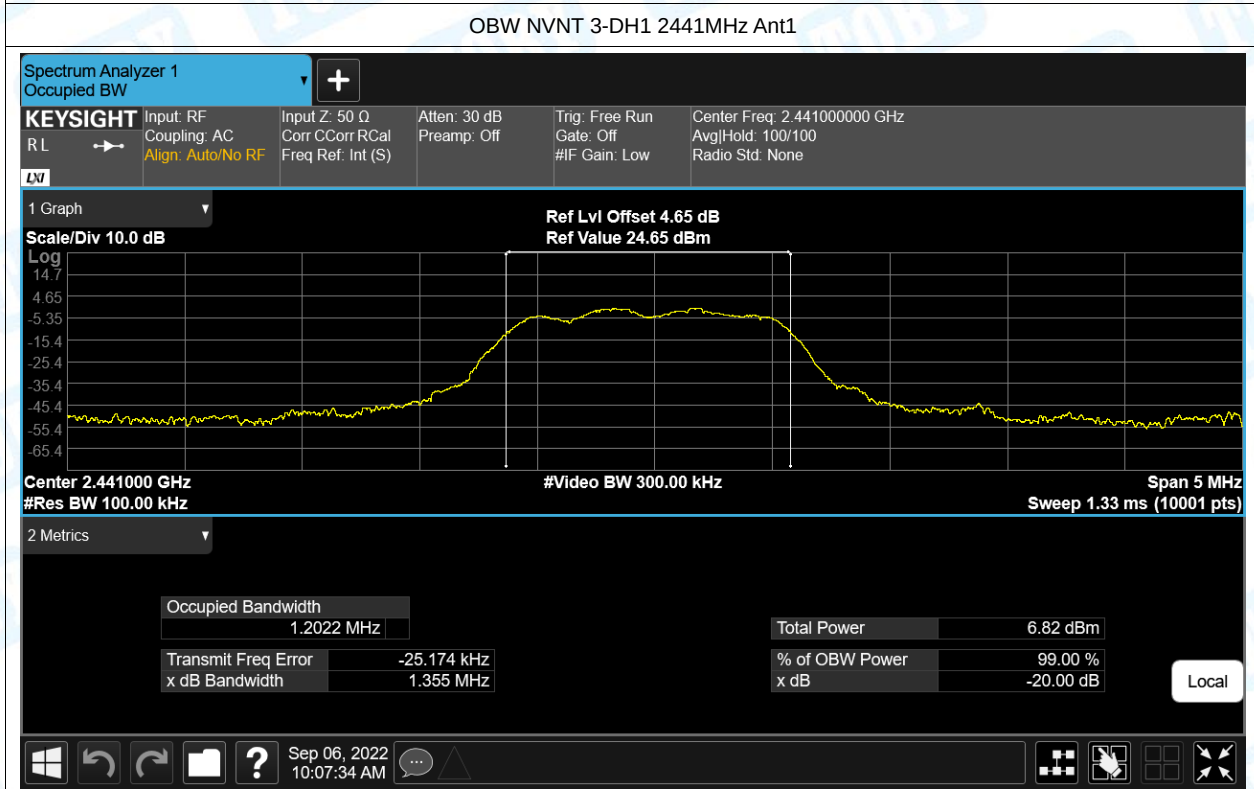


OBW NVNT 1-DH1 2441MHz Ant1









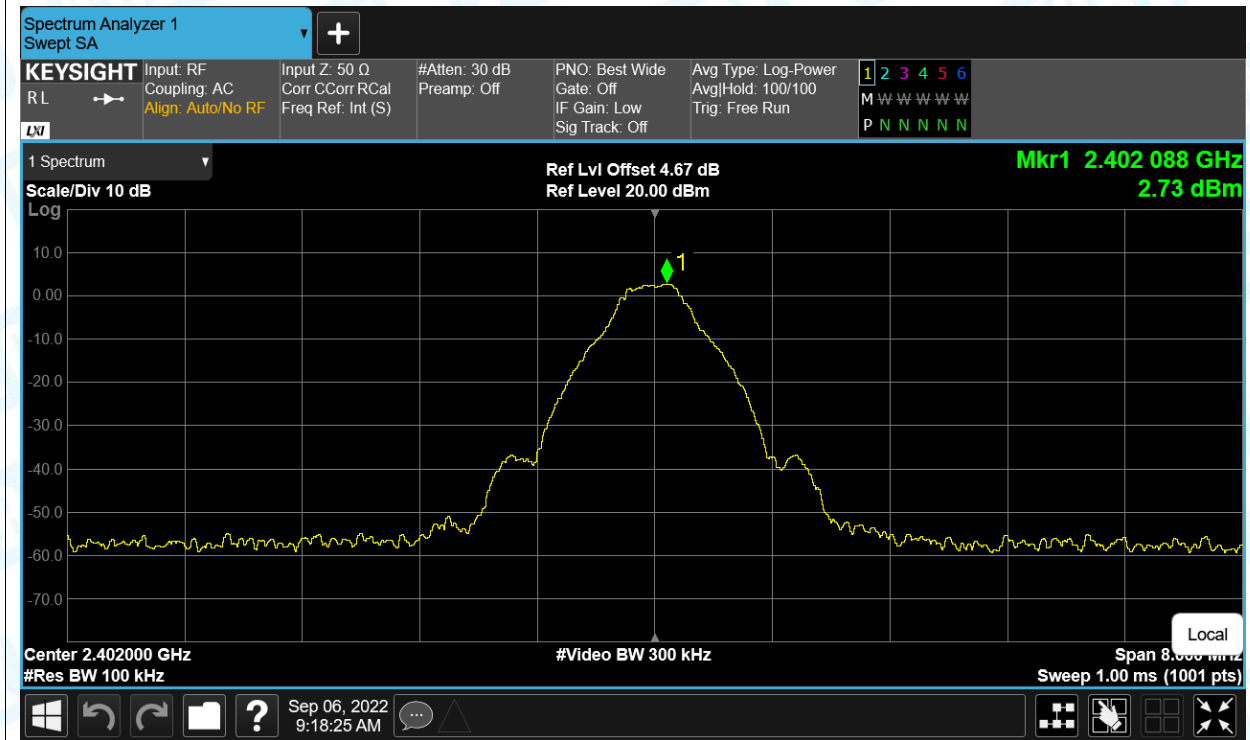


4. Band Edge

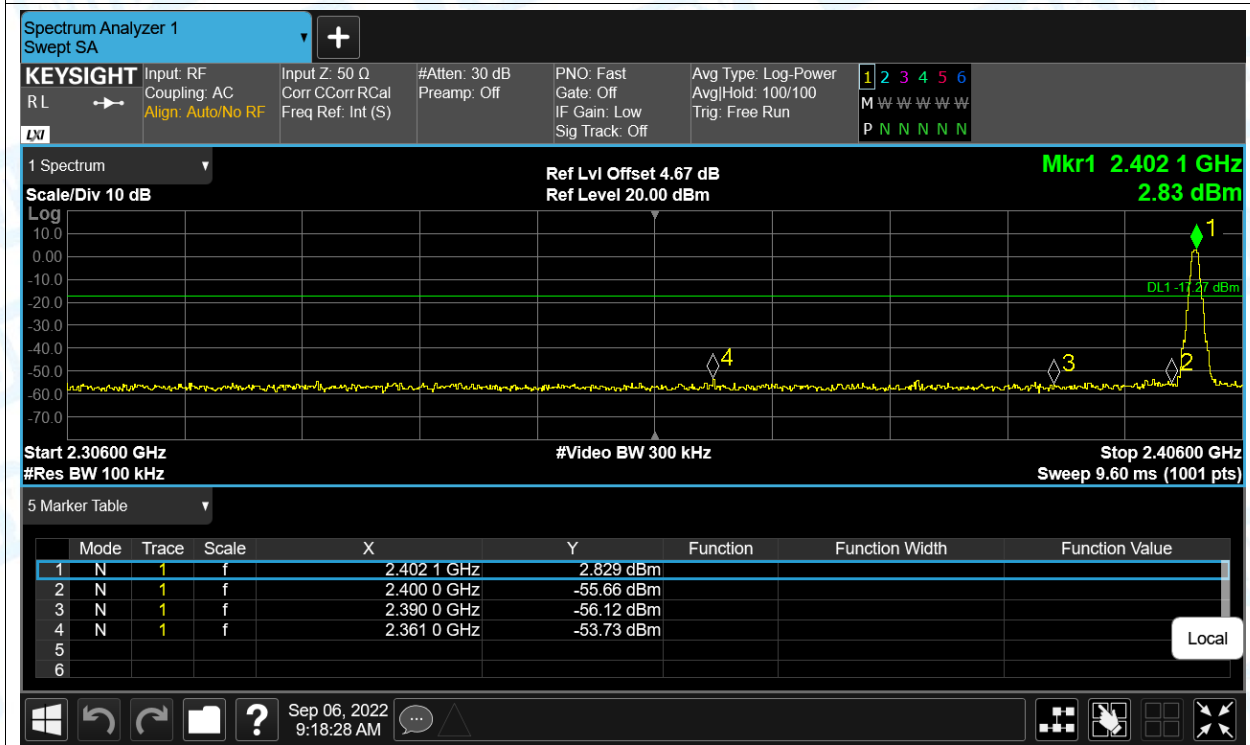
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-56.46	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-57.33	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-53.15	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-53.8	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping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

Test Graphs

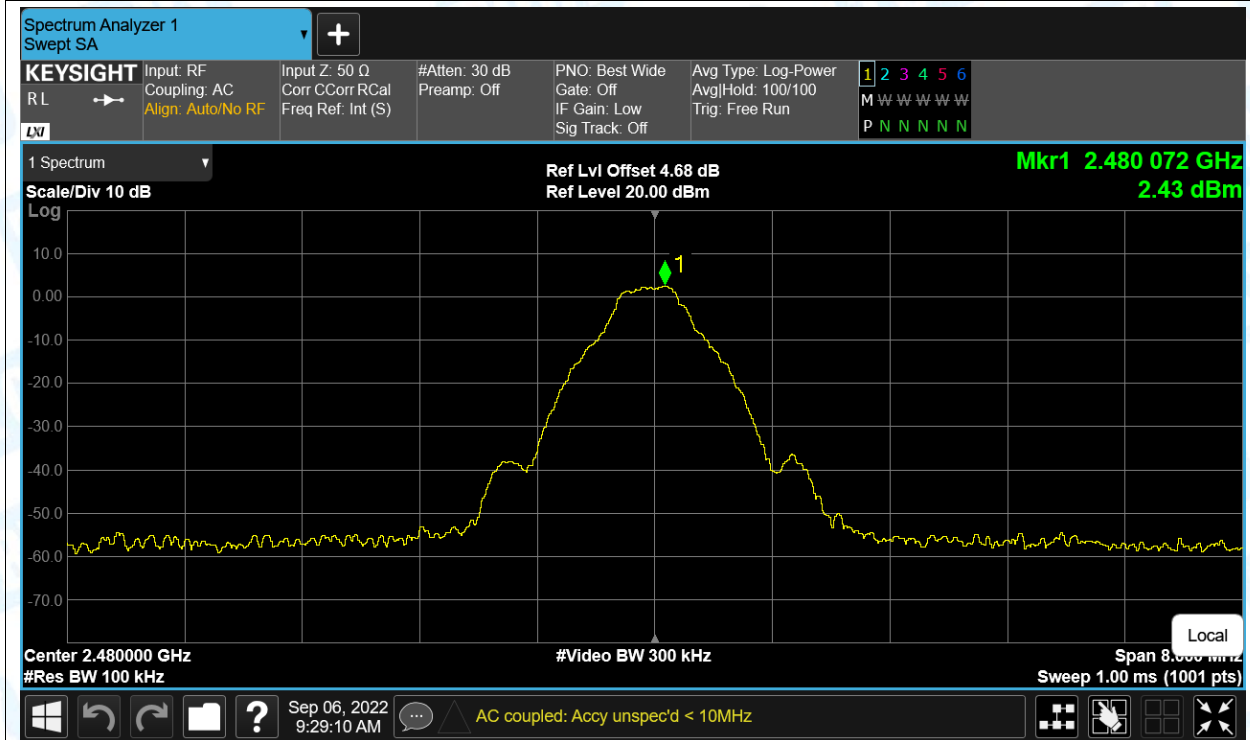
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



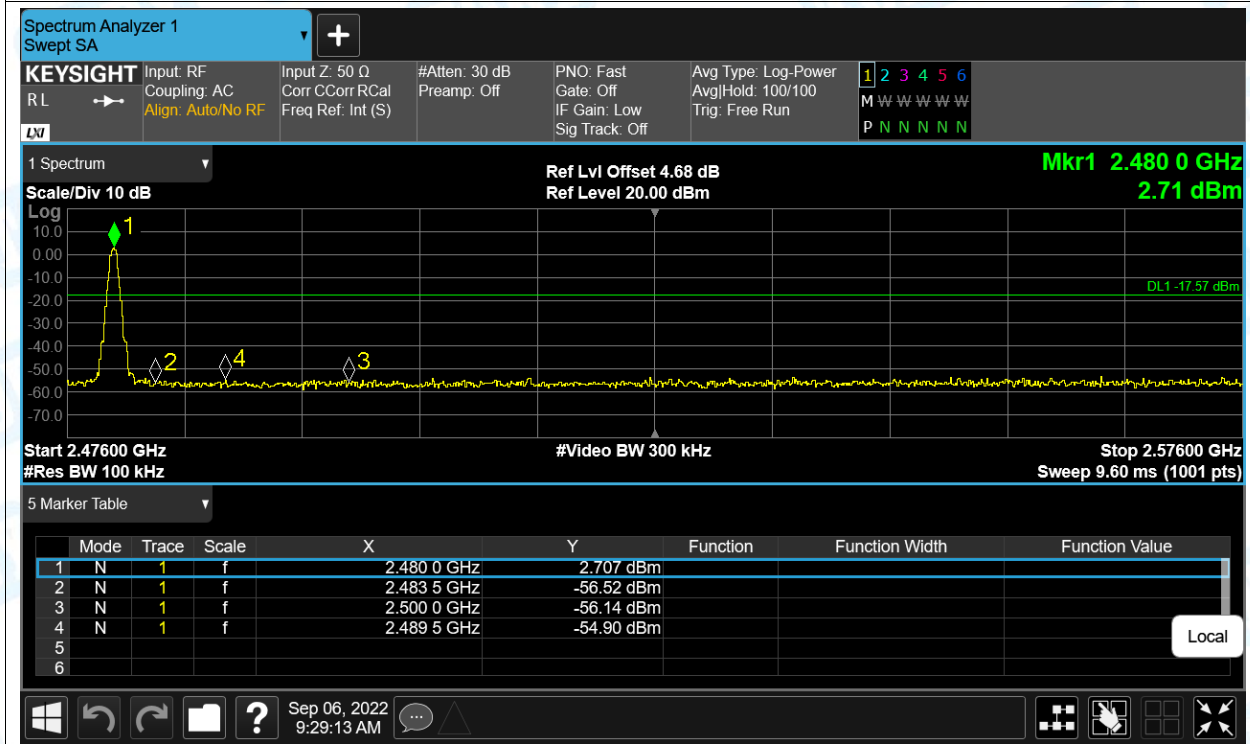
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission

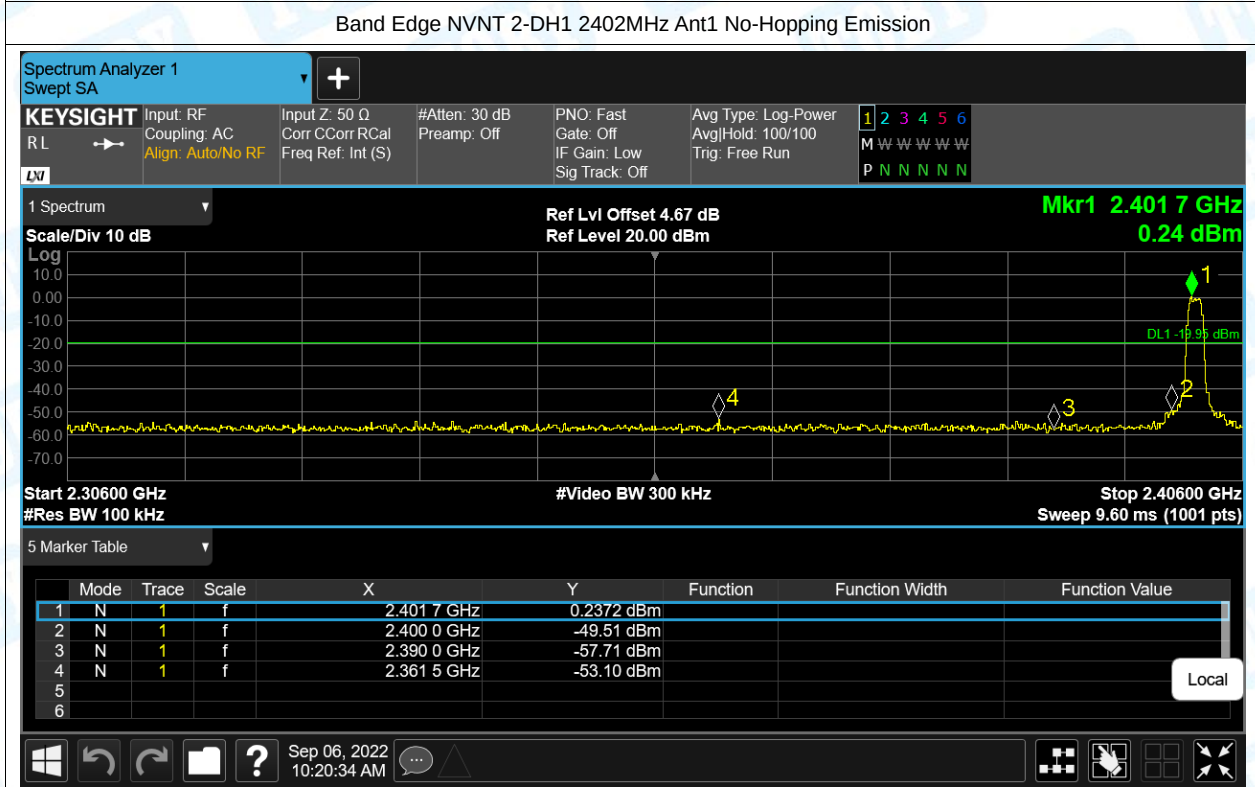
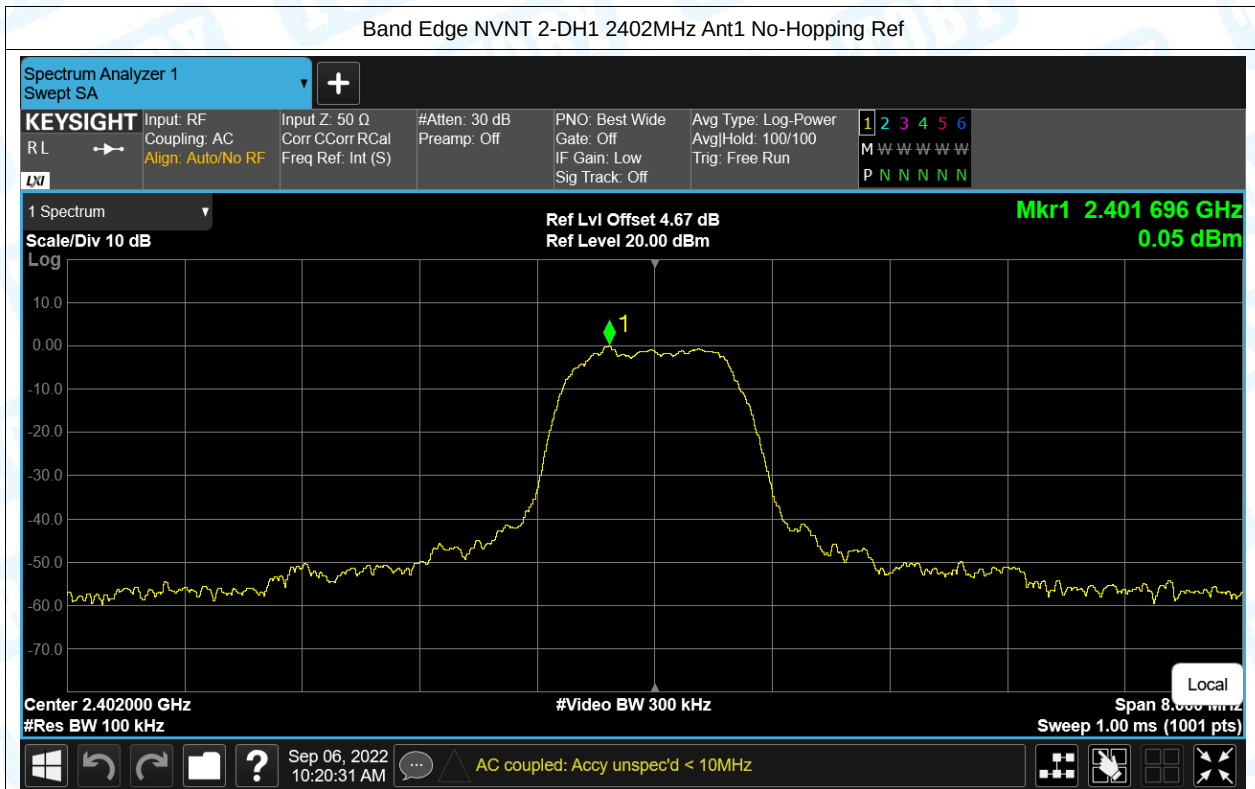


Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref

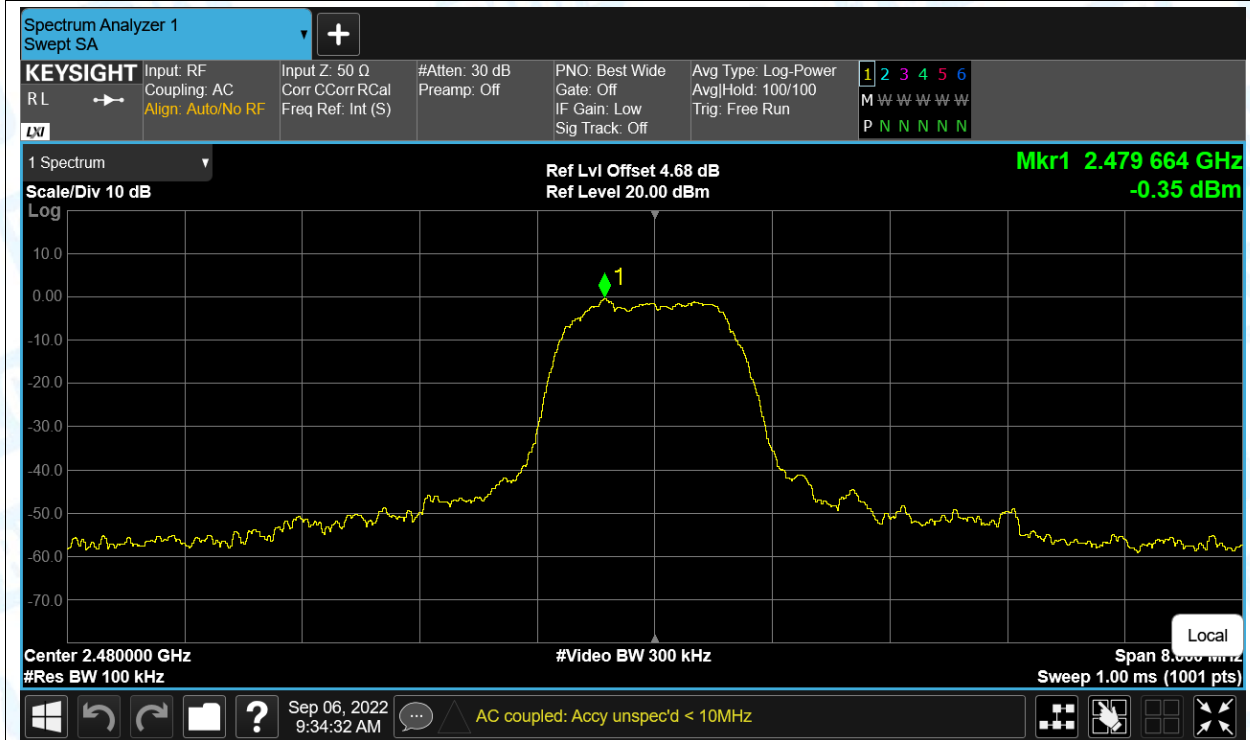


Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission

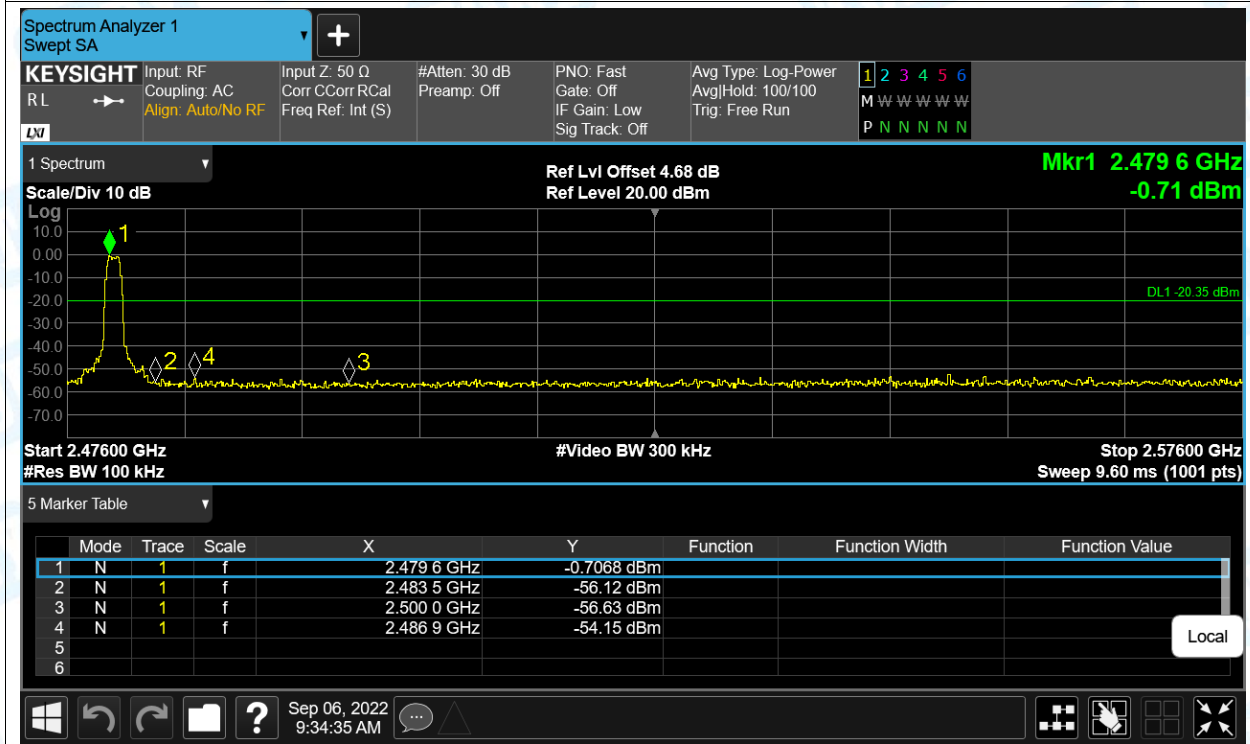


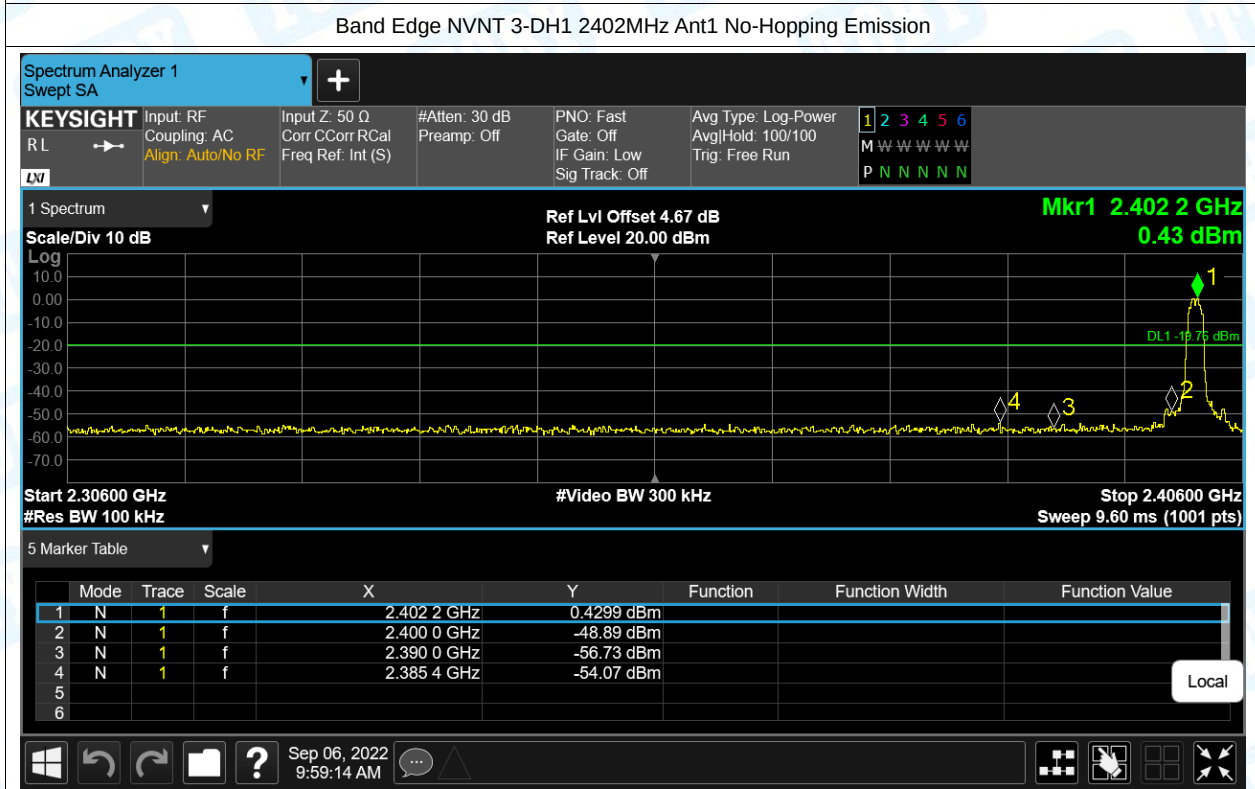
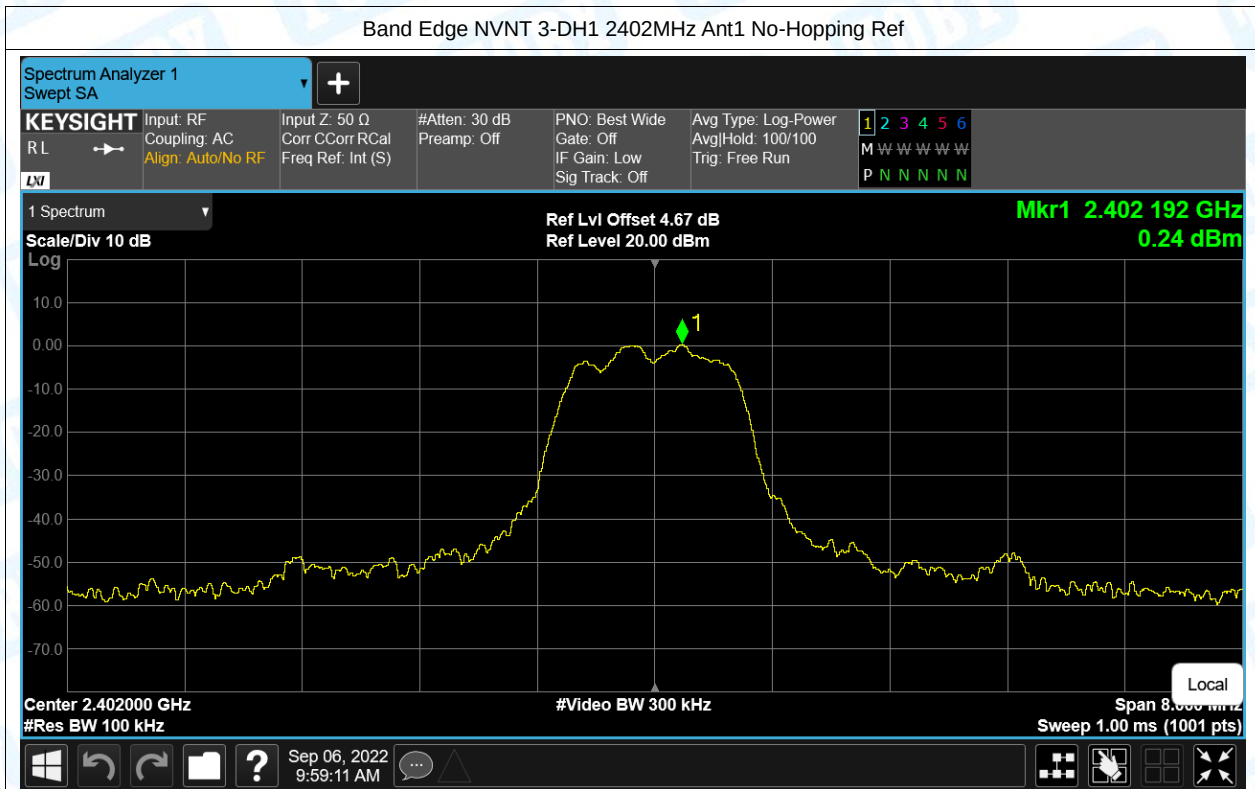


Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref

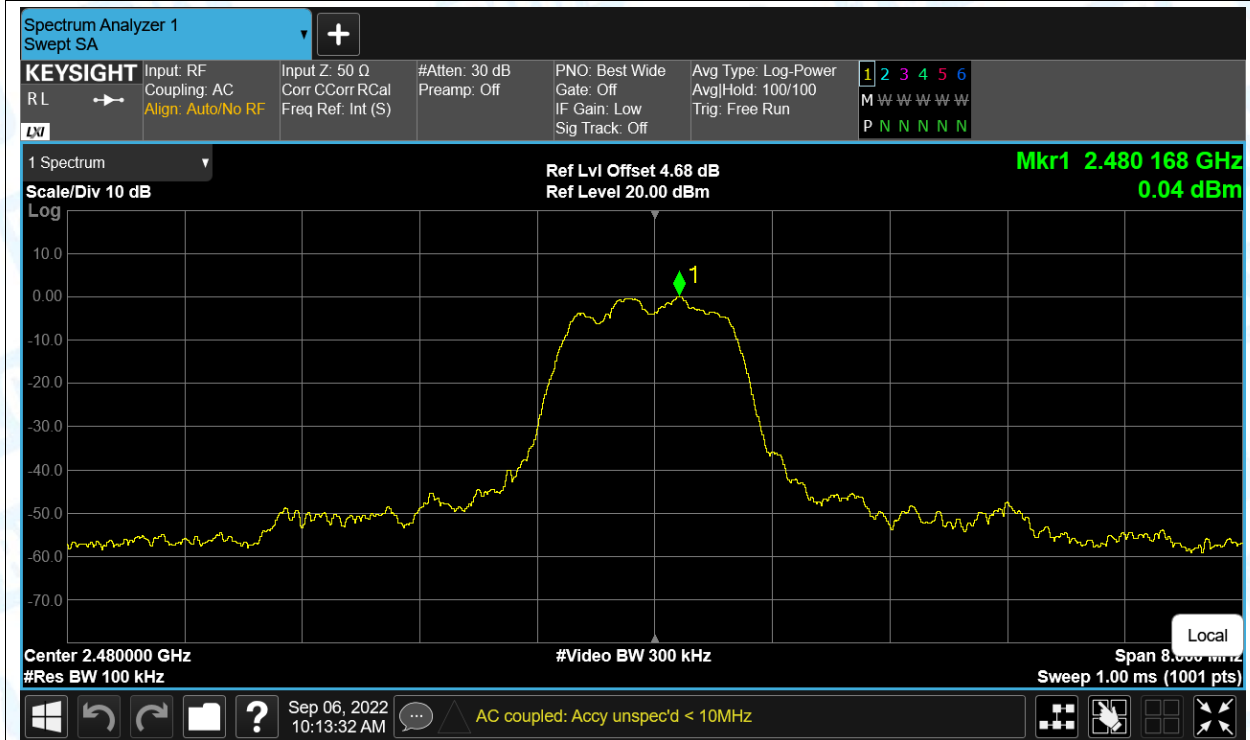


Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission

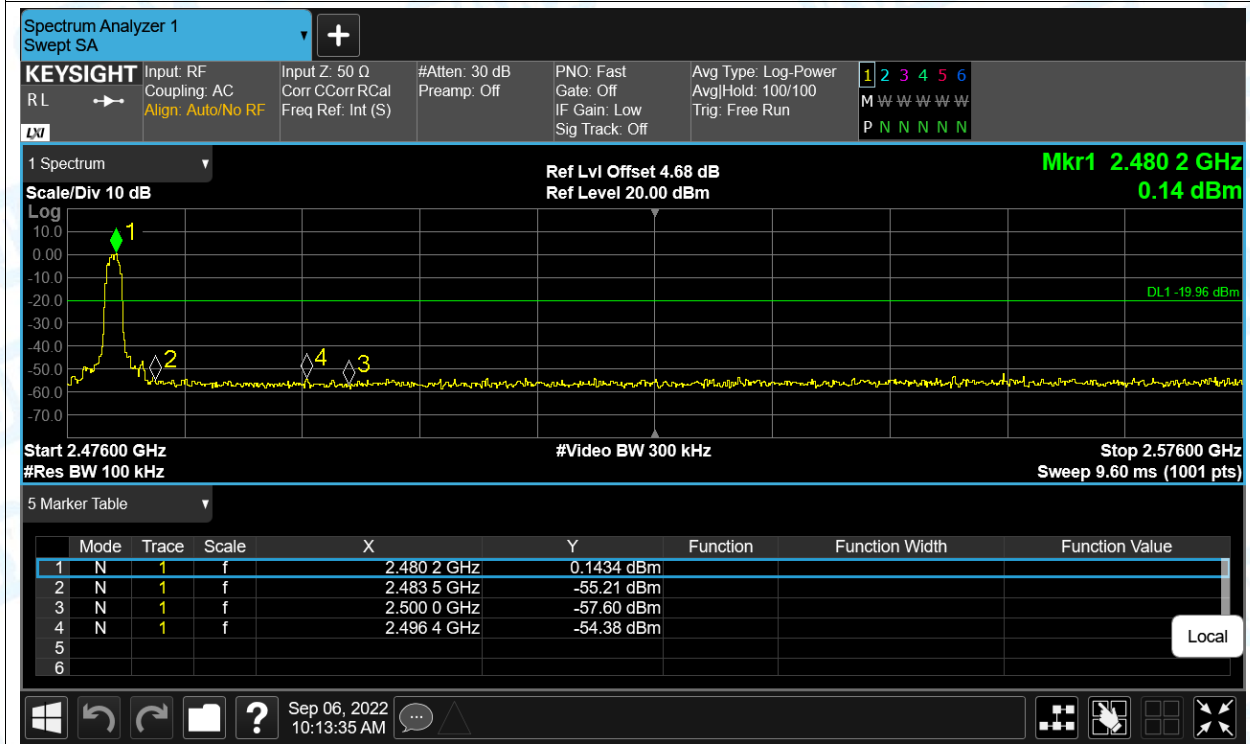




Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission

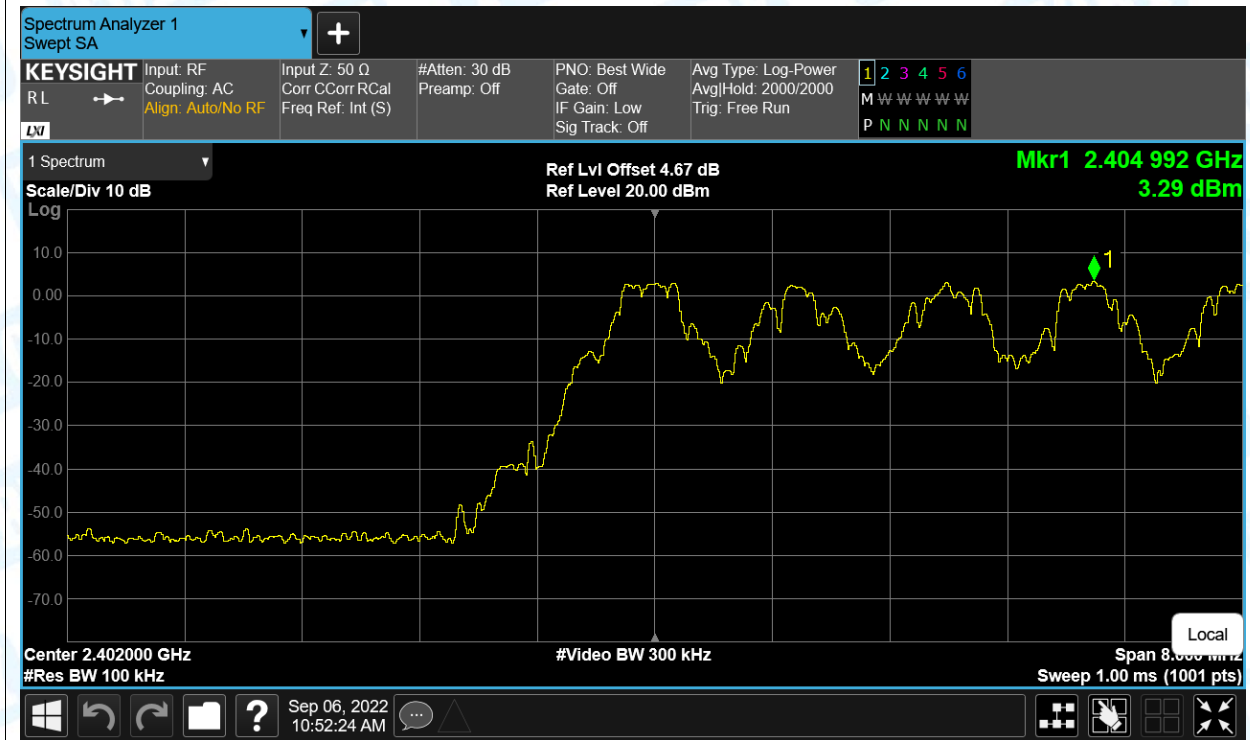


5. Band Edge(Hopping)

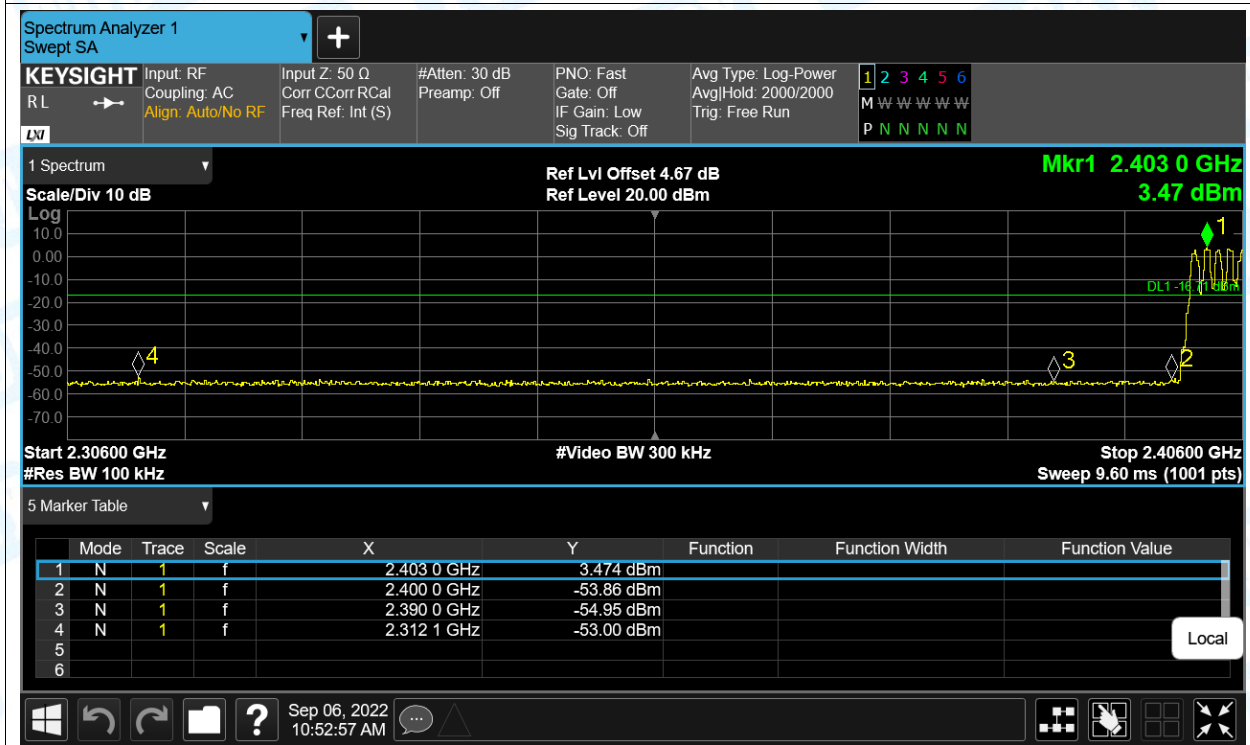
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-56.29	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-55.61	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-56.72	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-56.07	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-56.36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

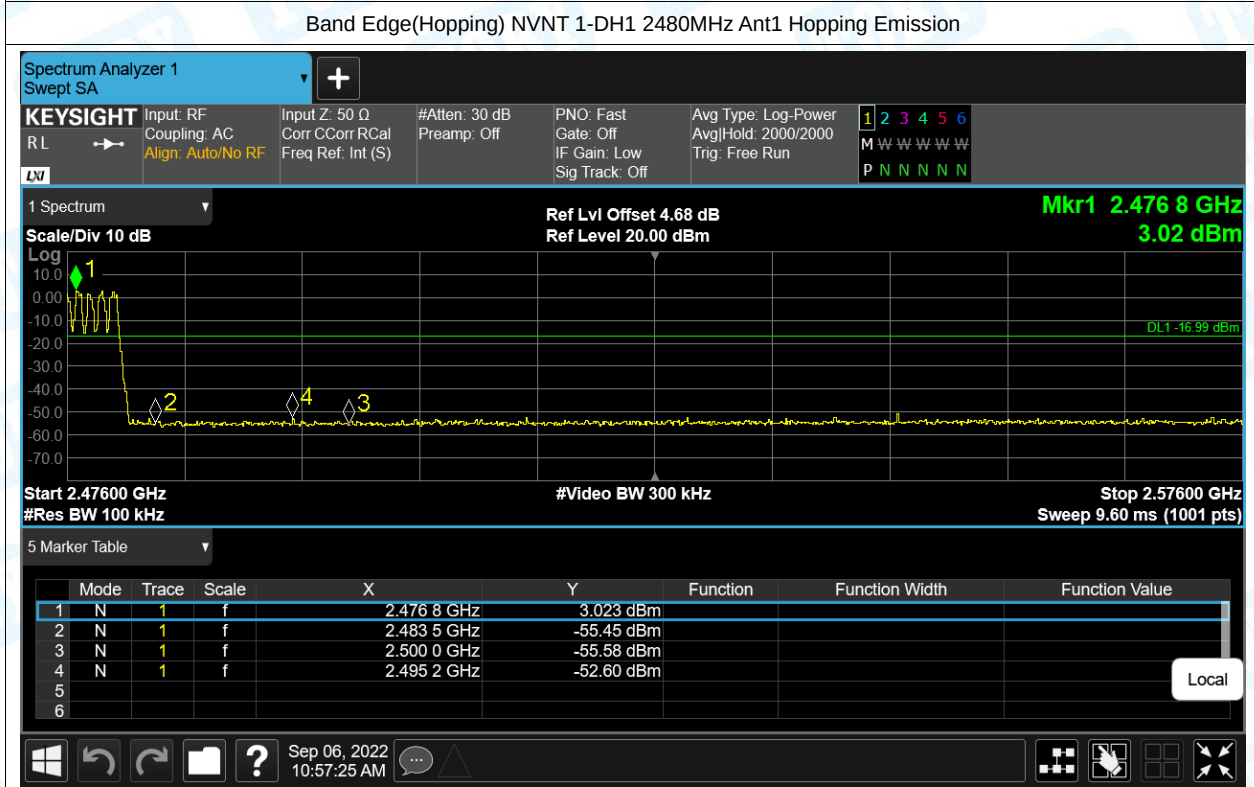
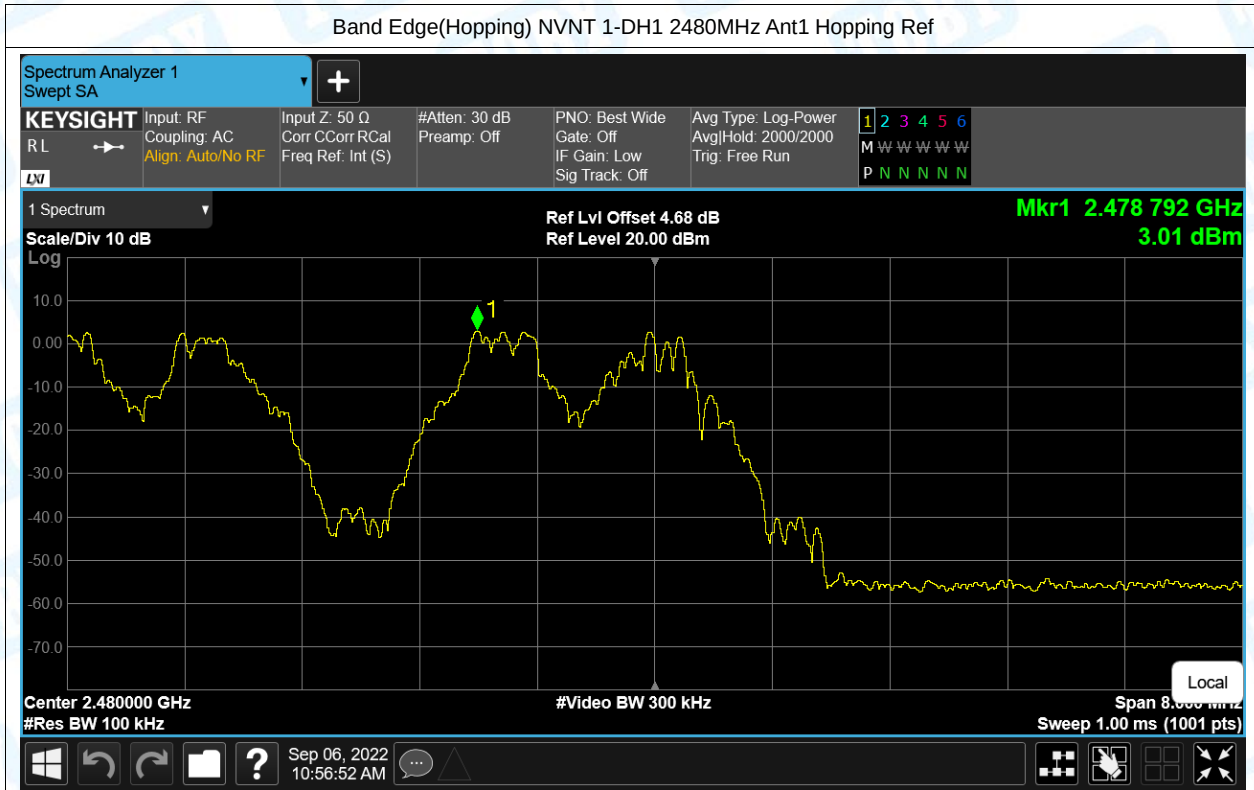
Test Graphs

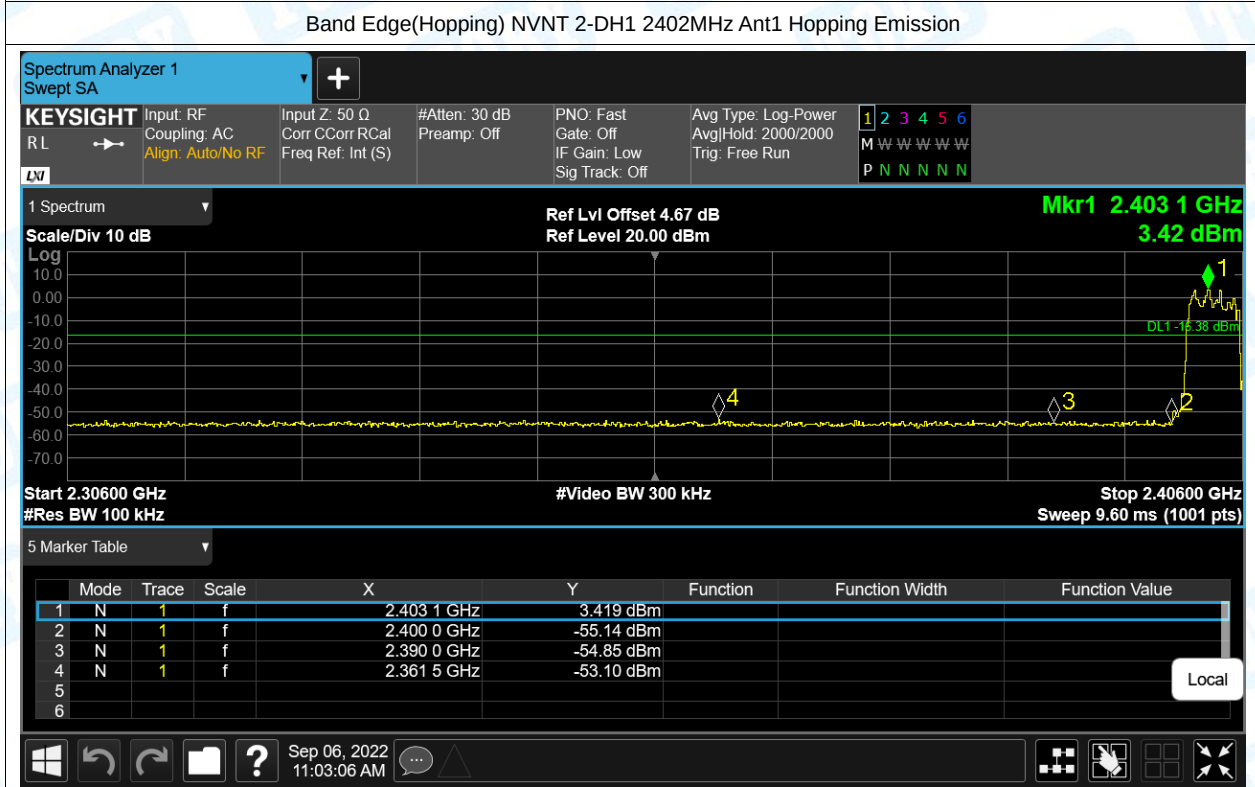
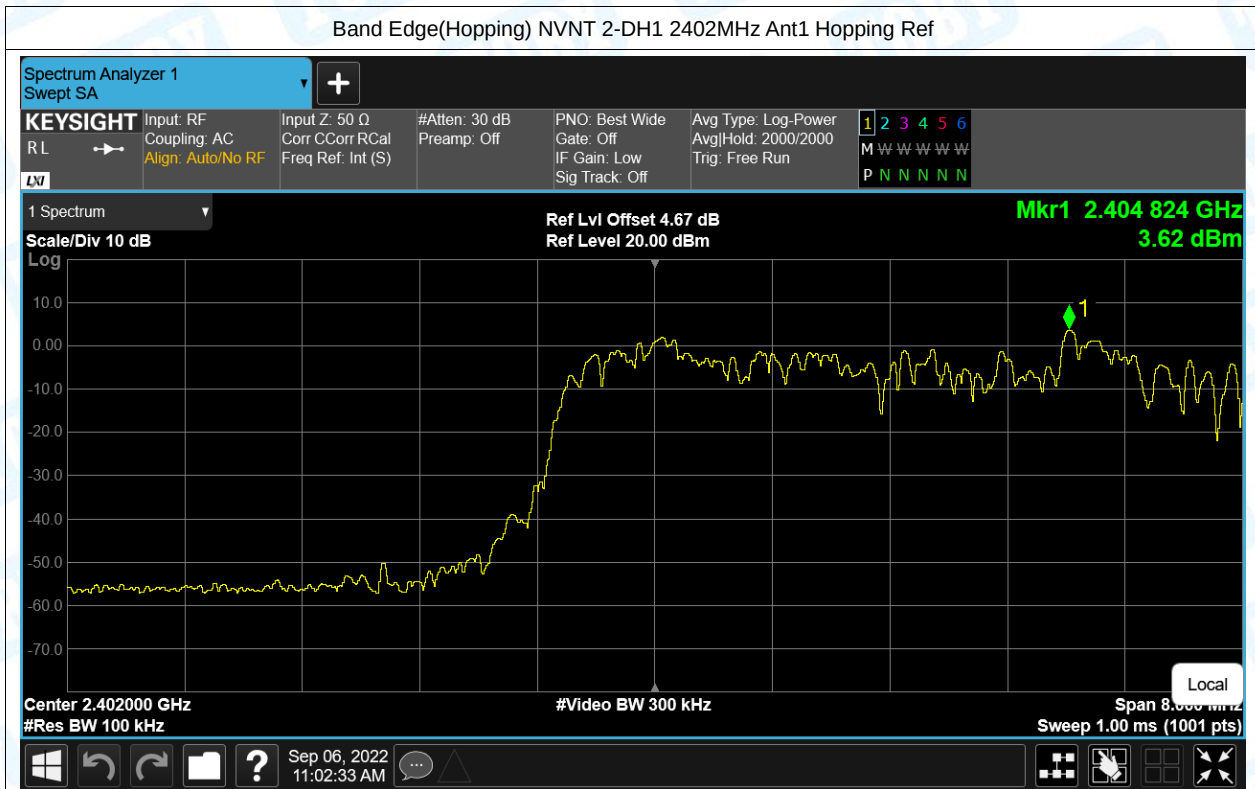
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref

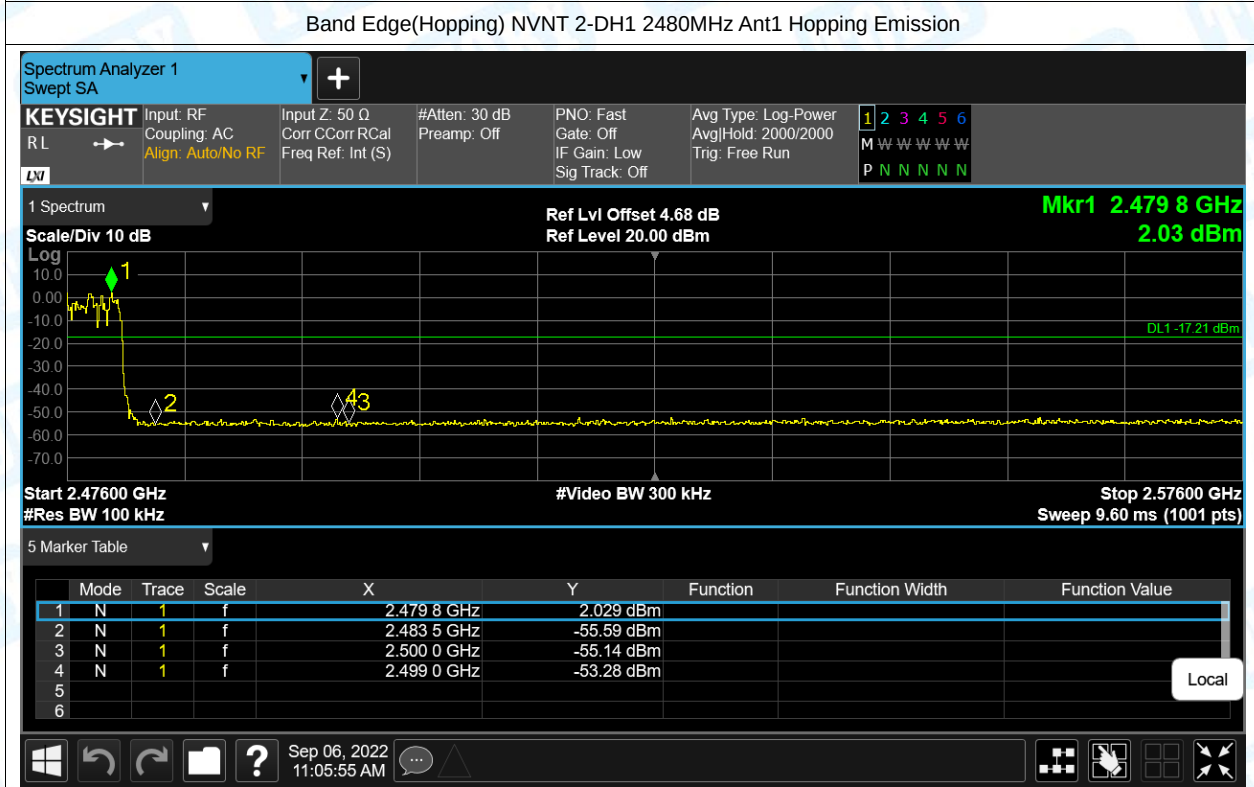
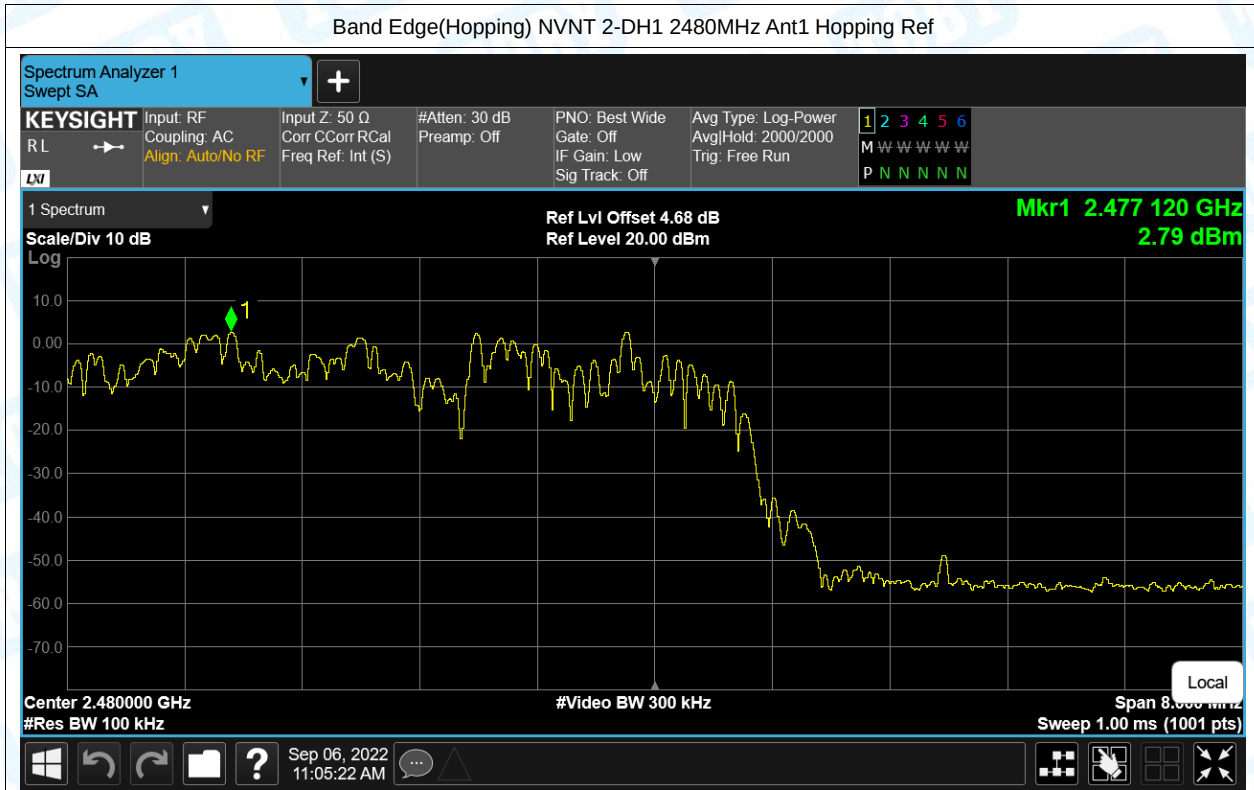


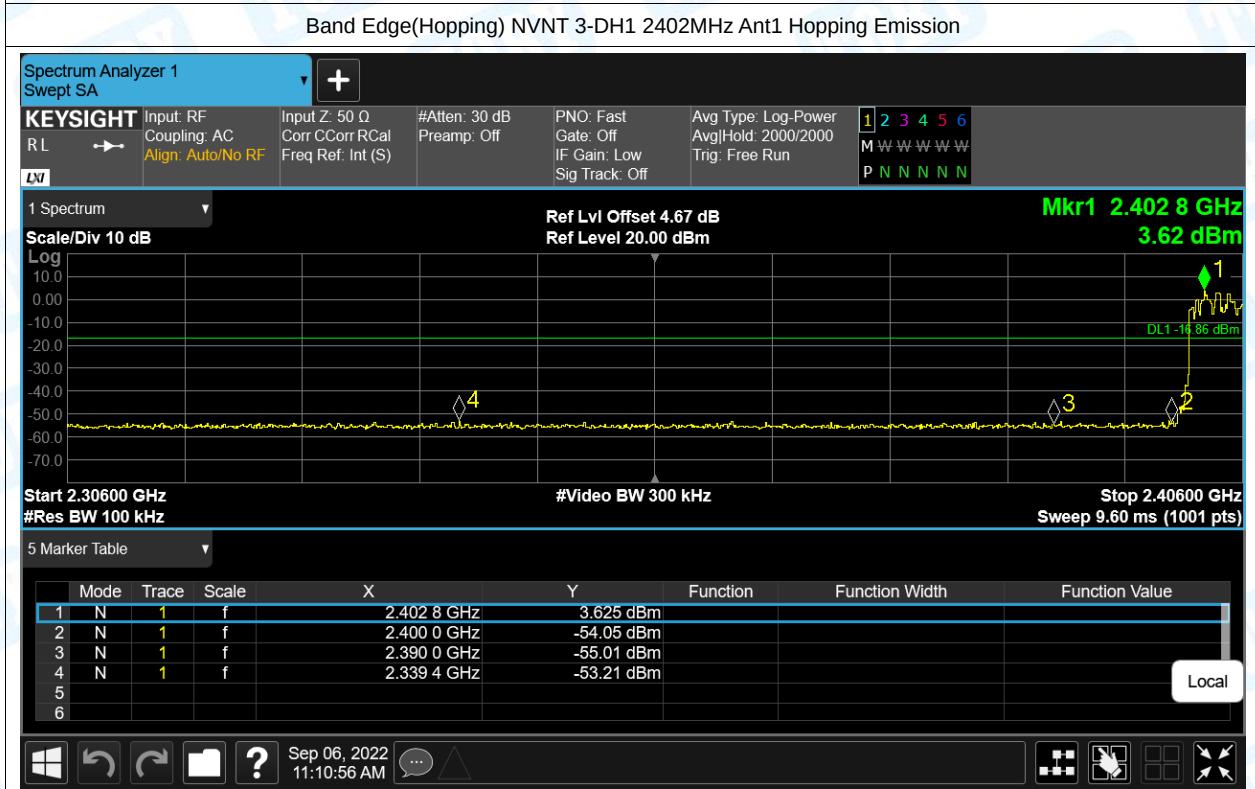
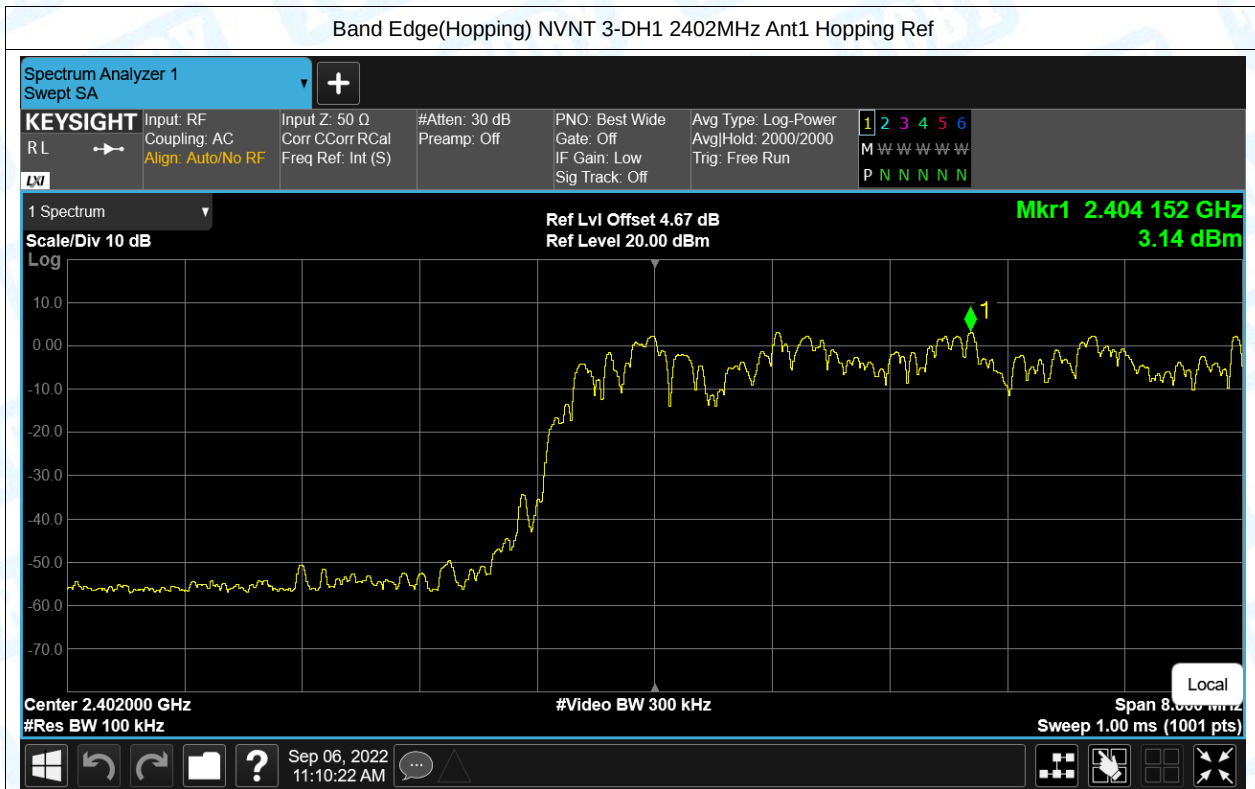
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission

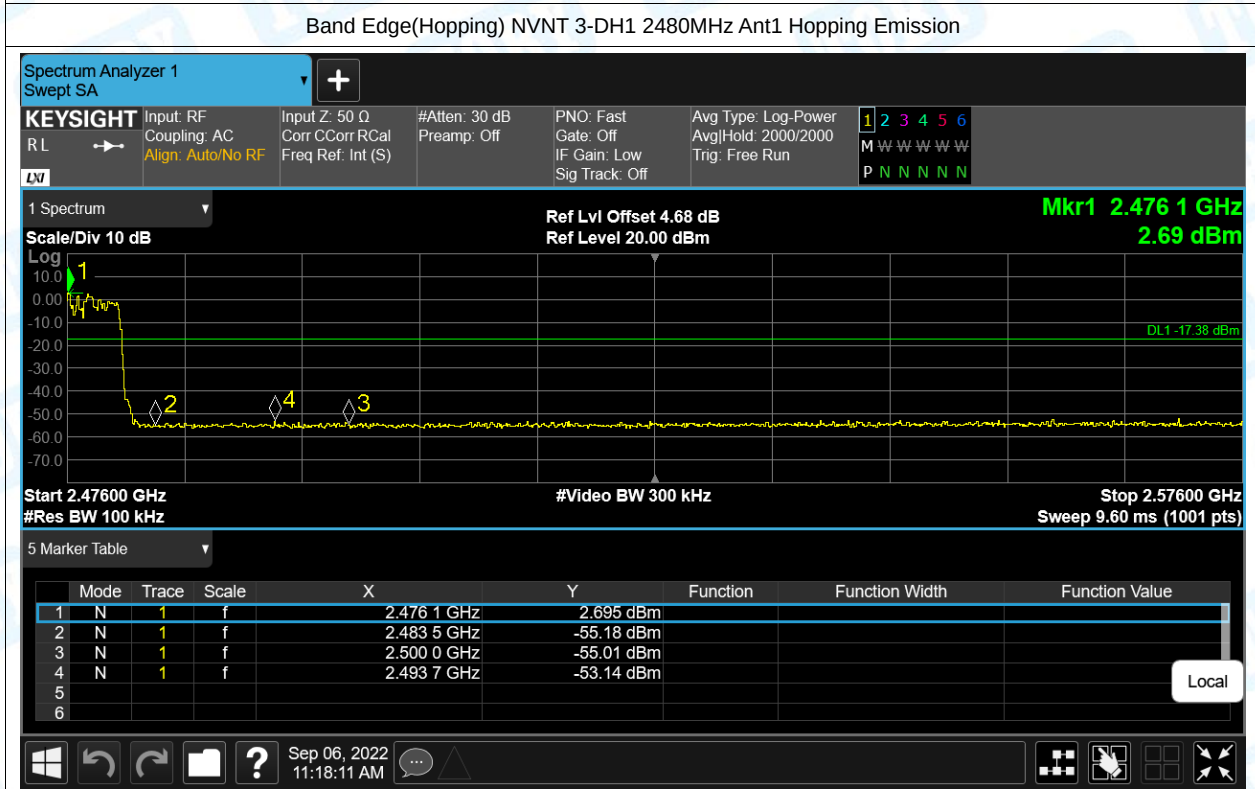
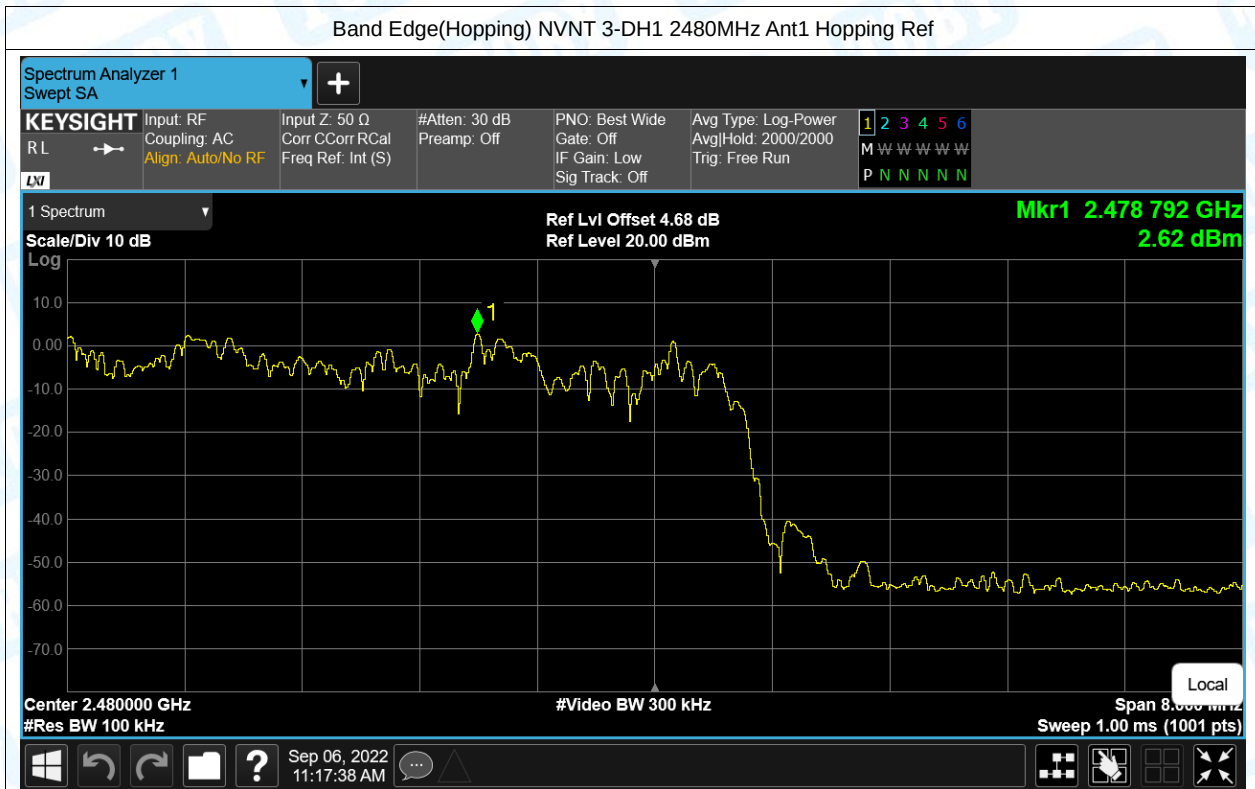










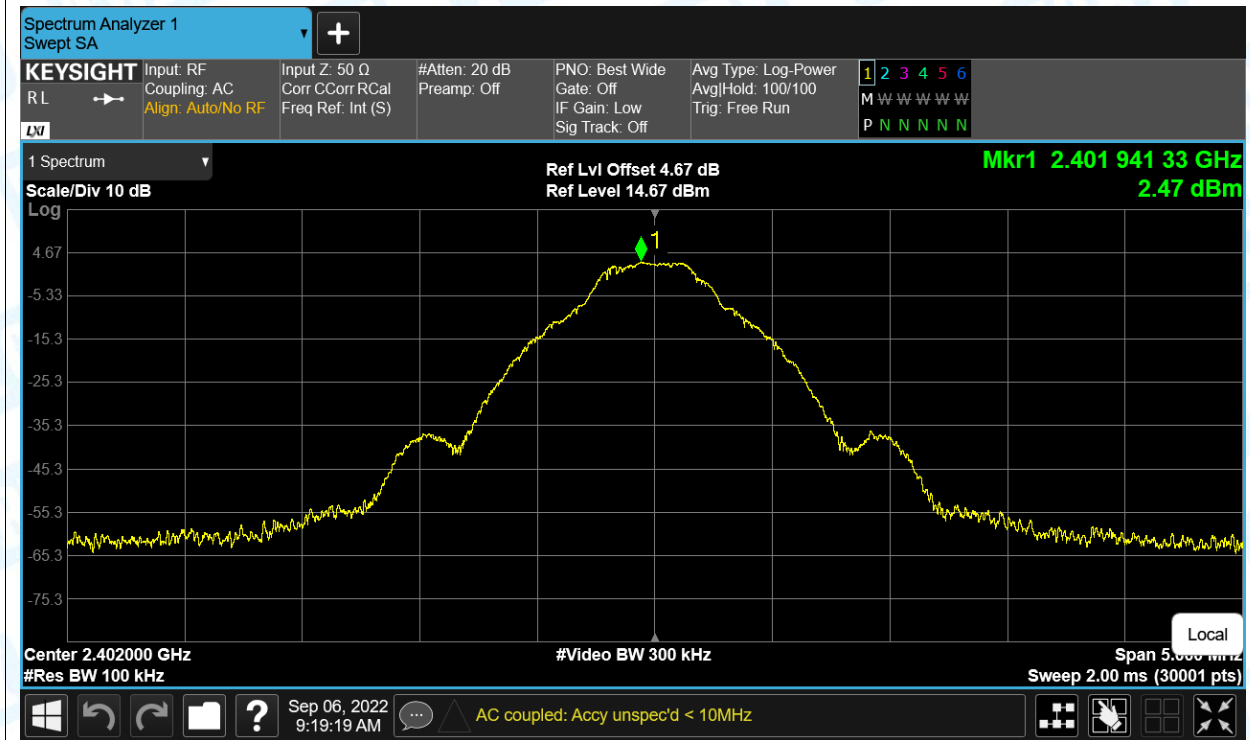


6. Conducted RF Spurious Emission

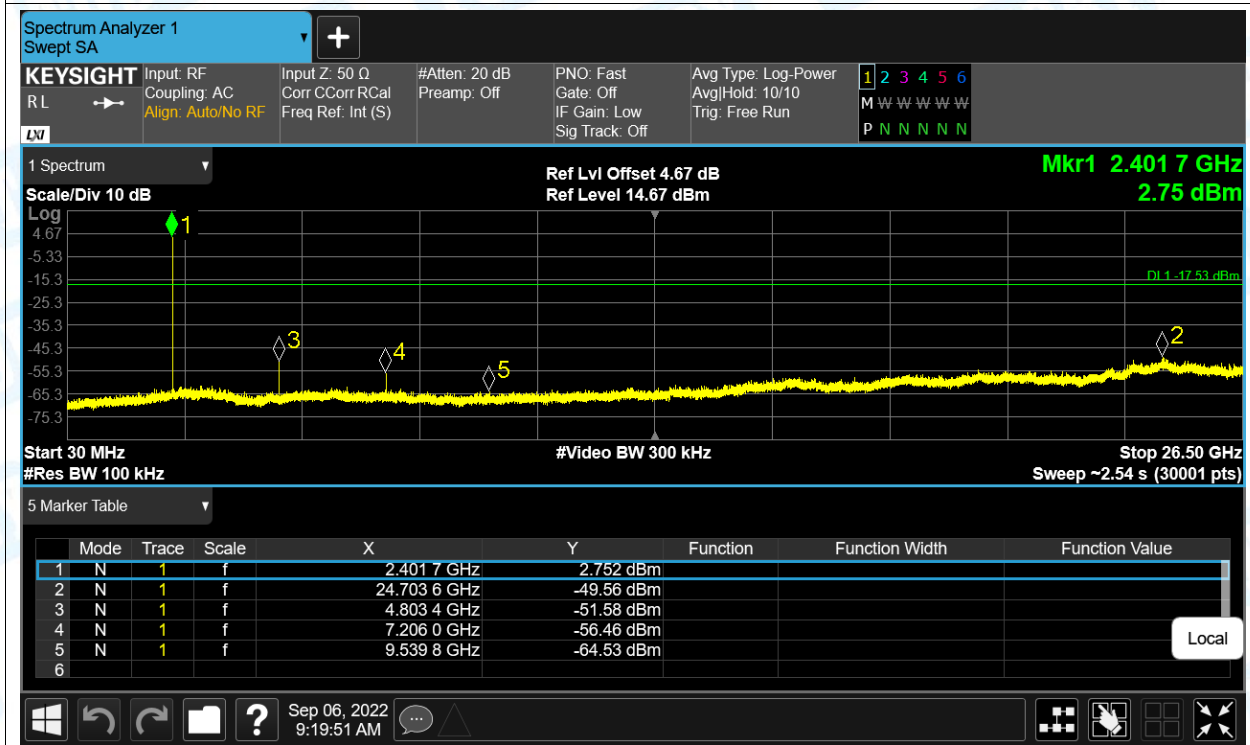
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-52.03	-20	Pass
NVNT	1-DH1	2441	Ant1	-51.22	-20	Pass
NVNT	1-DH1	2480	Ant1	-50.43	-20	Pass
NVNT	2-DH1	2402	Ant1	-49.7	-20	Pass
NVNT	2-DH1	2441	Ant1	-48.96	-20	Pass
NVNT	2-DH1	2480	Ant1	-48.88	-20	Pass
NVNT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

Test Graphs

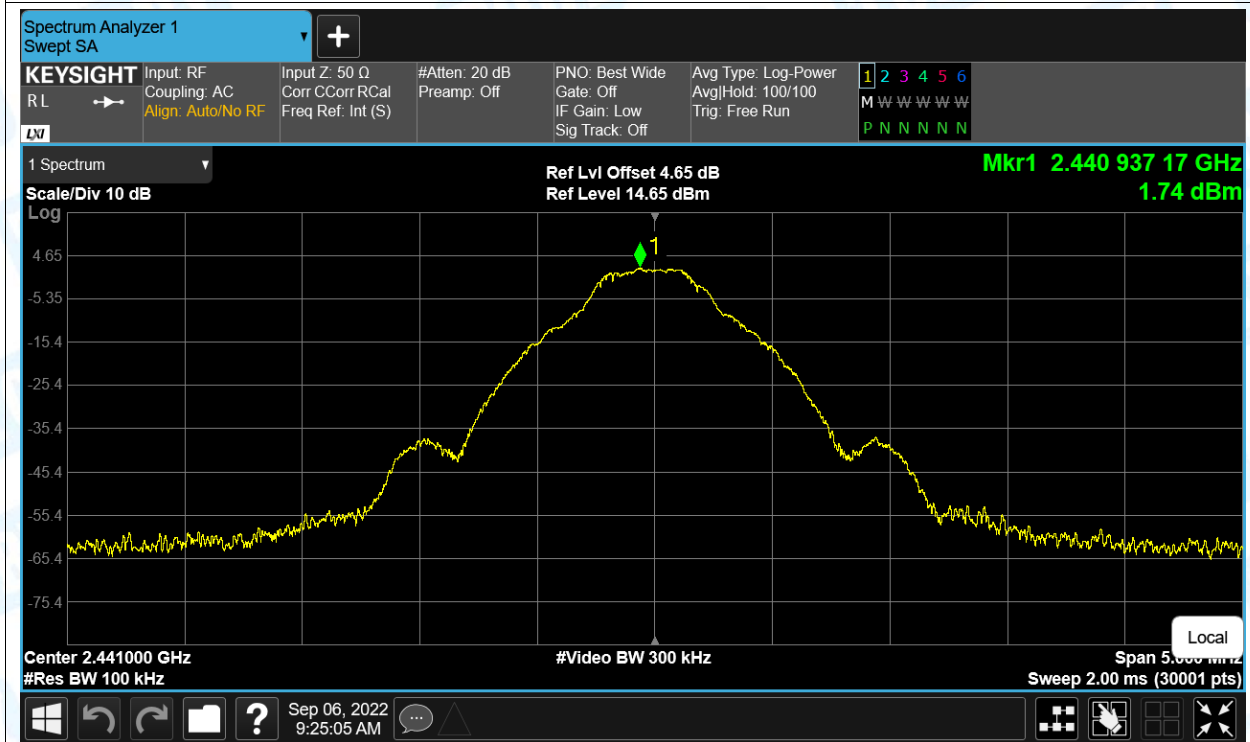
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



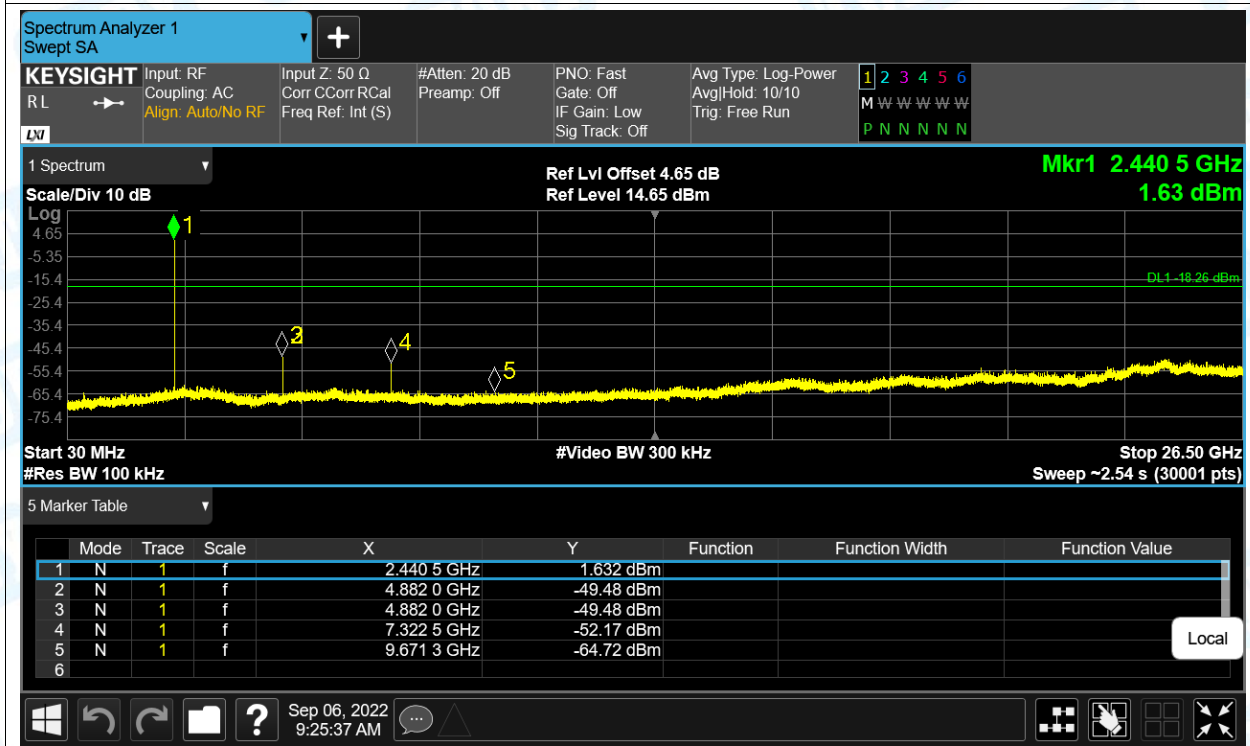
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



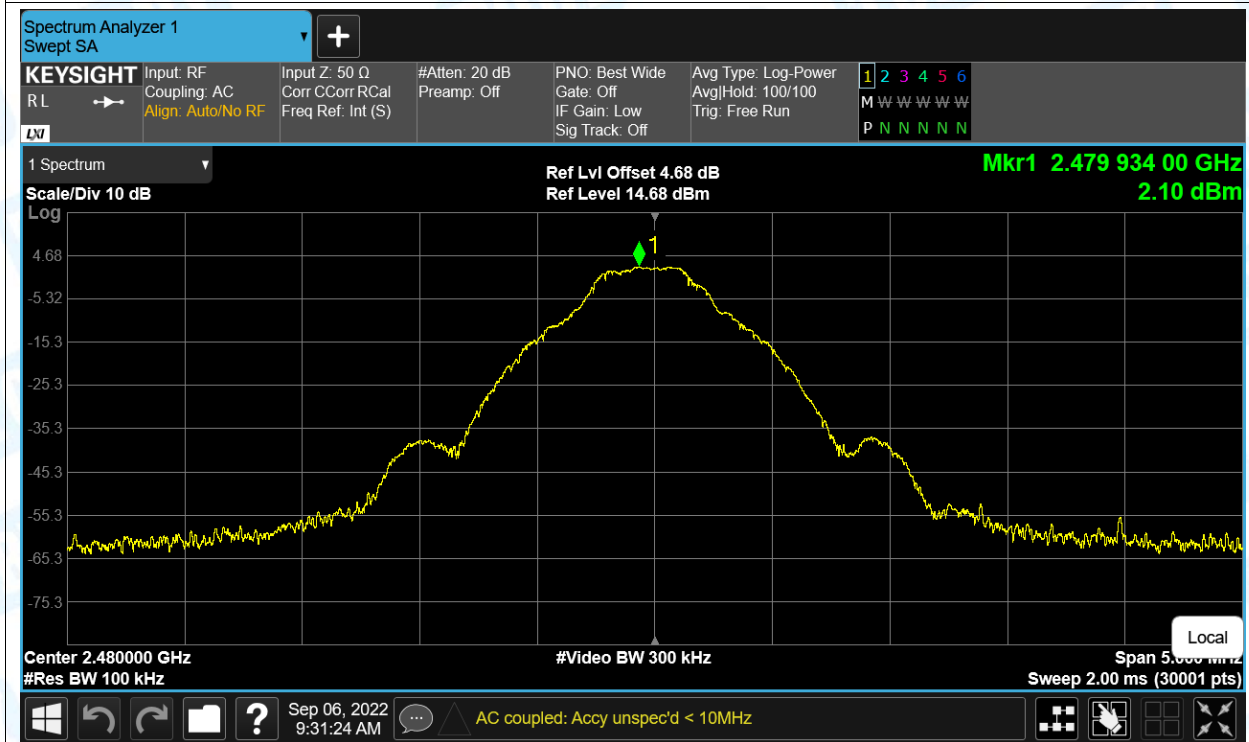
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission

