

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

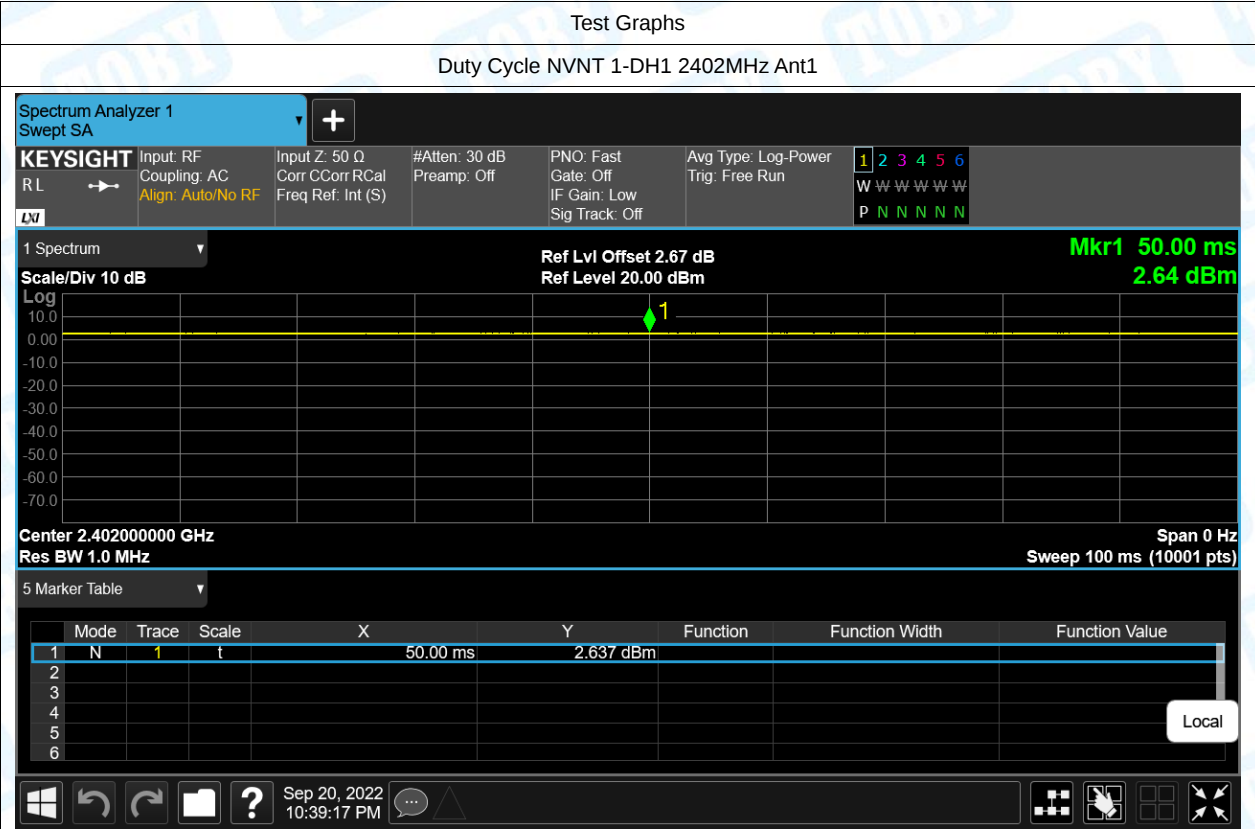
General Description of EUT	
Product Name:	1.3M Selfie Stick Tripod with Remote Control
Test Model:	TE-RCSS-003
Sample ID:	202208-0311-1-2#
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.7V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202208-0311-12	

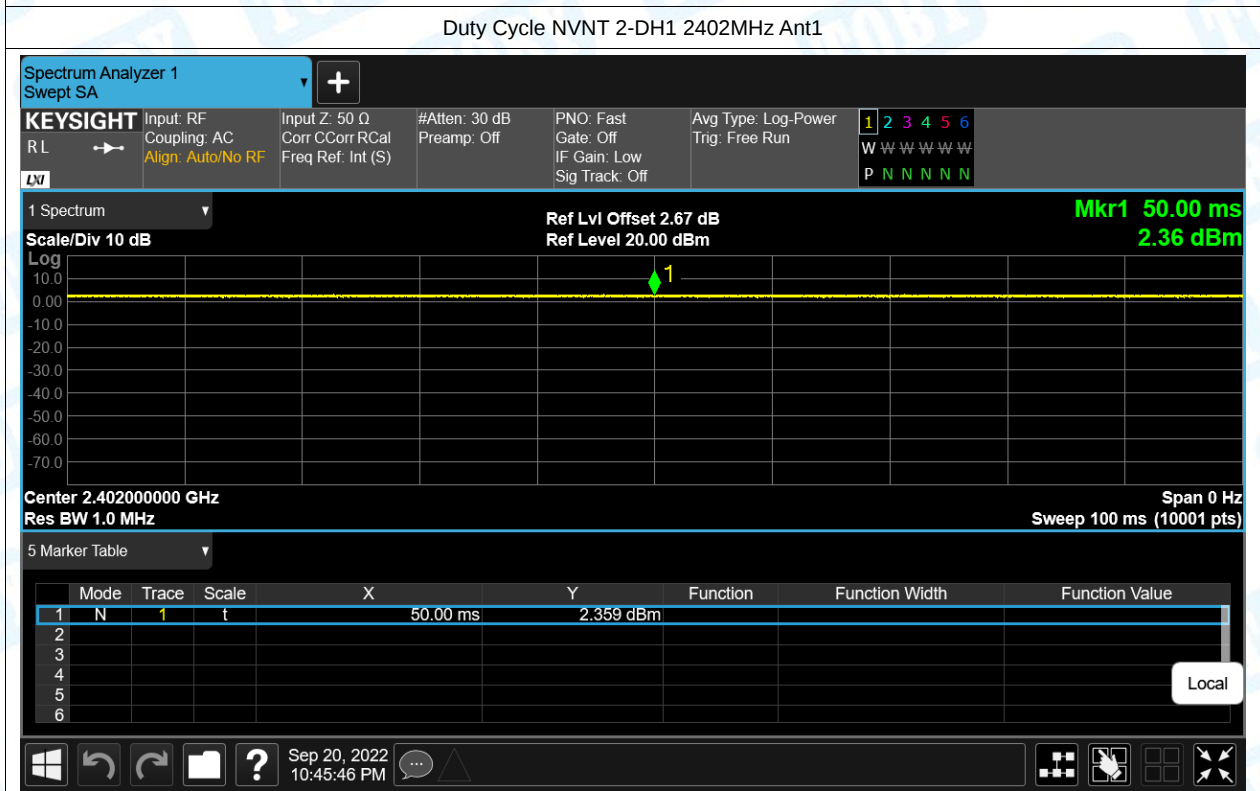
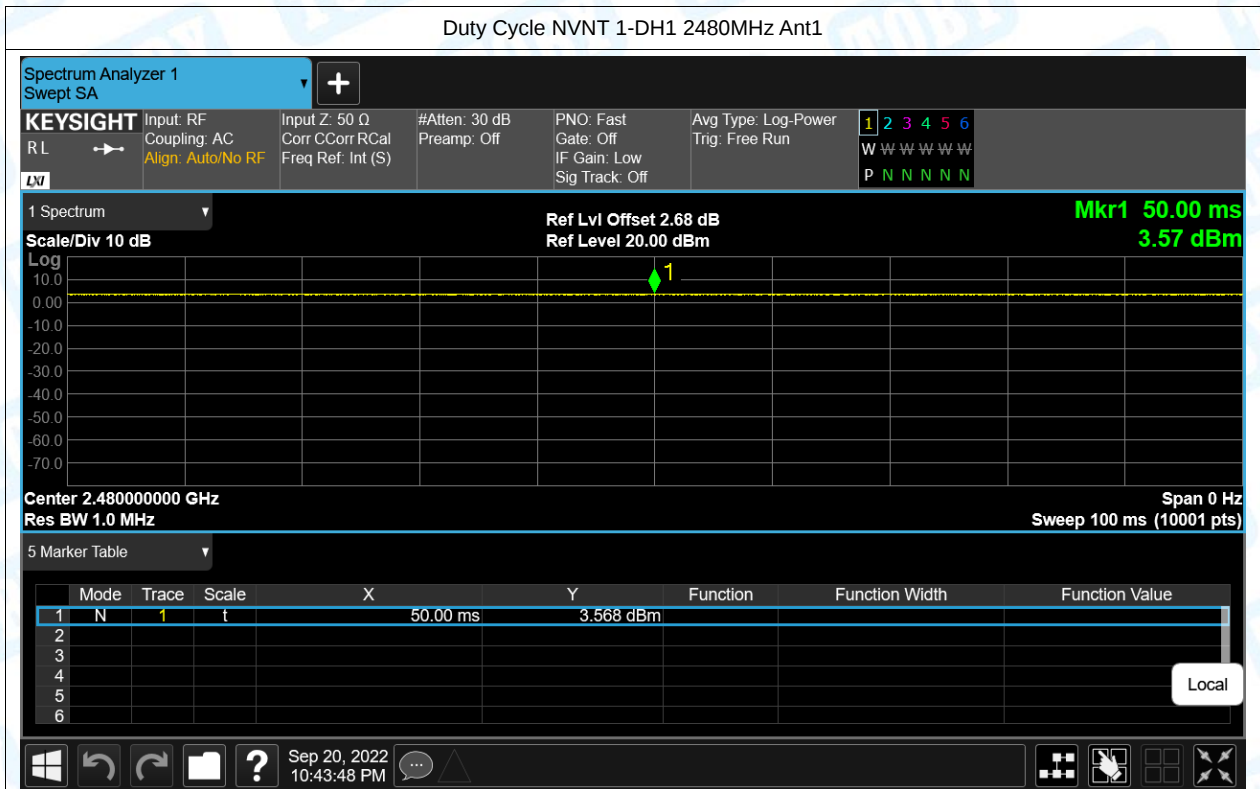
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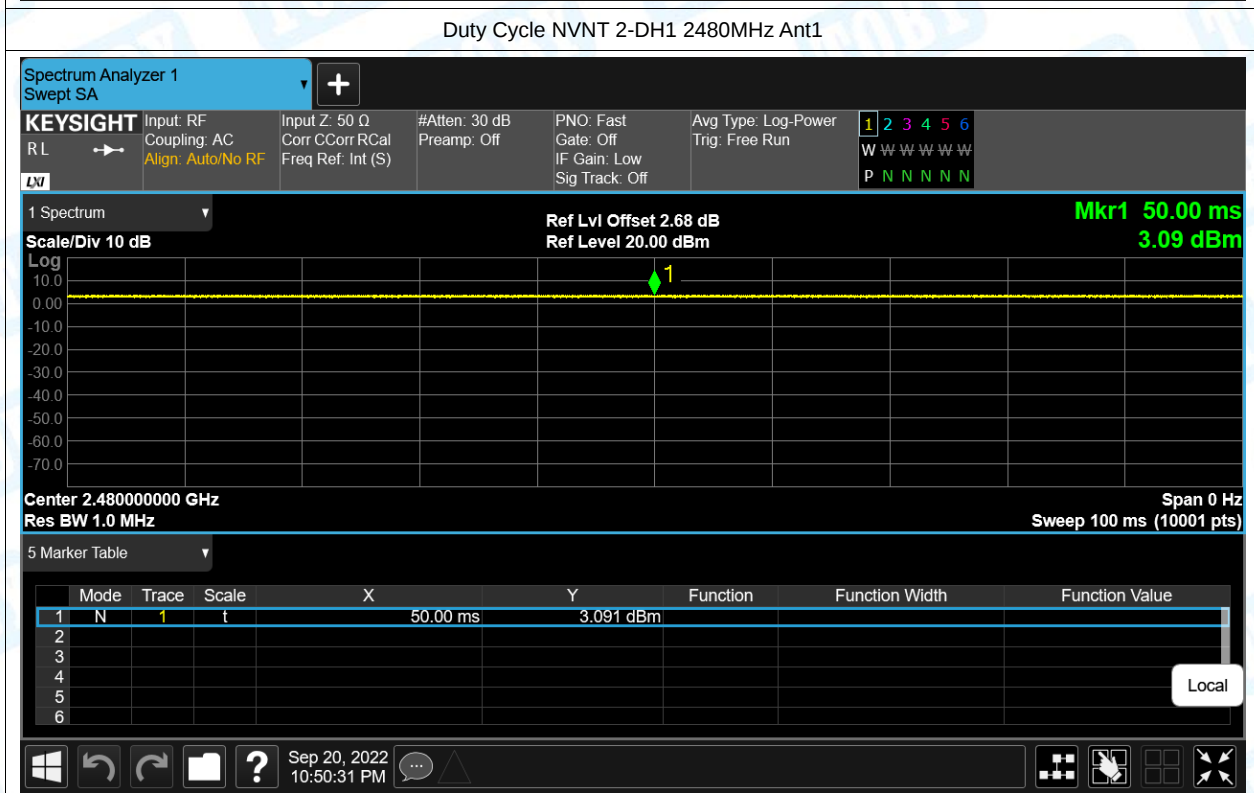
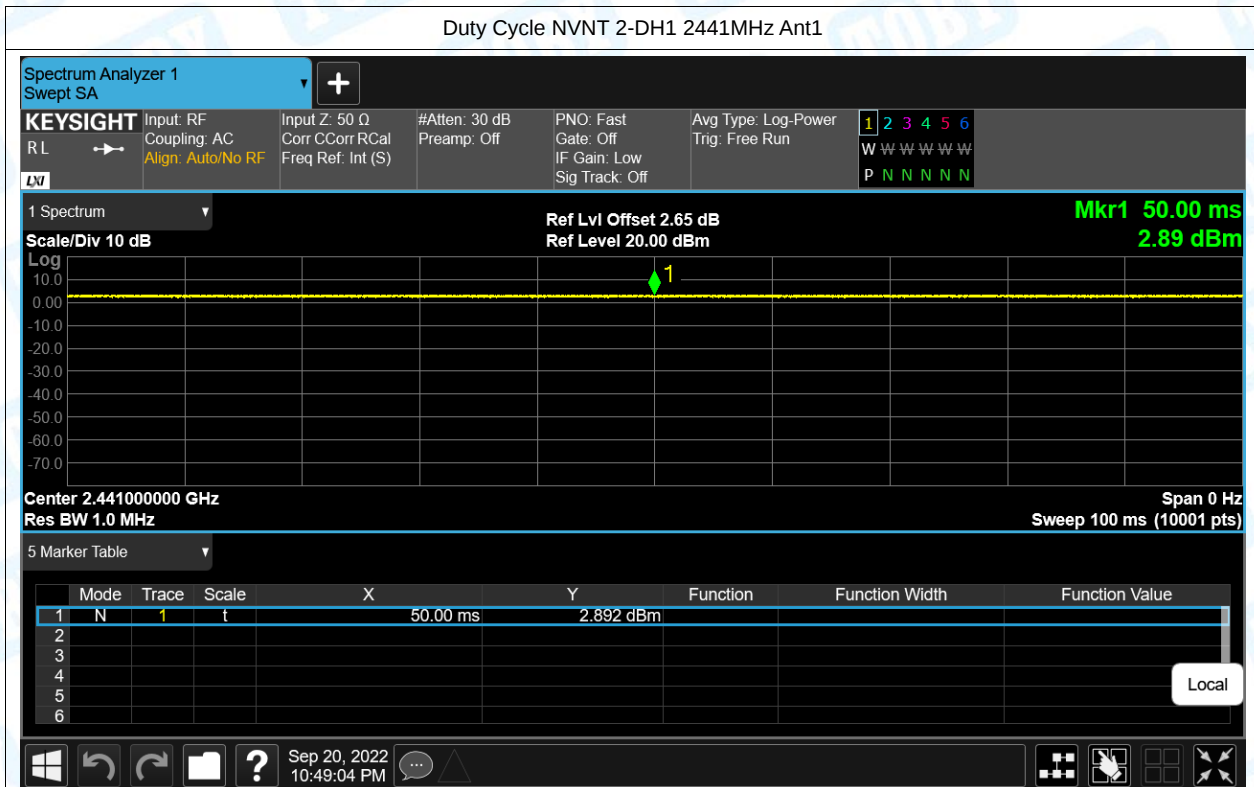
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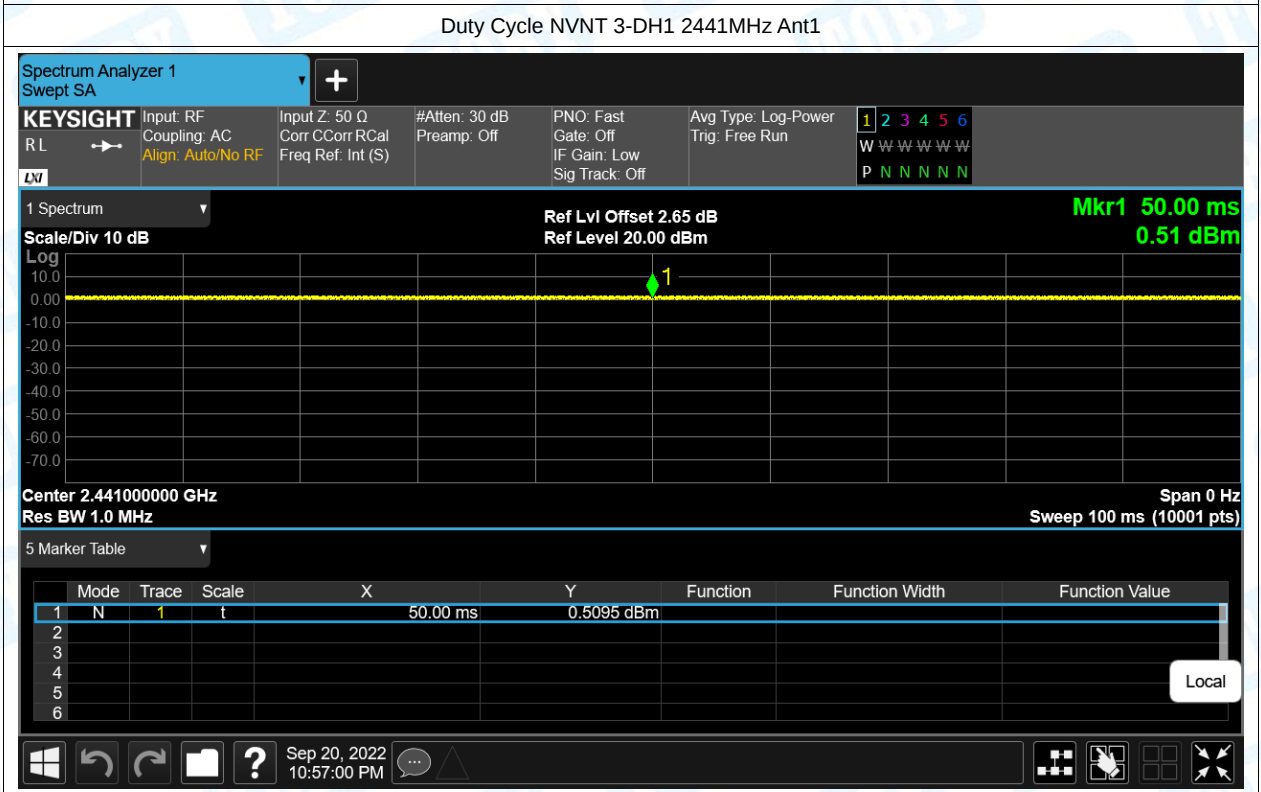
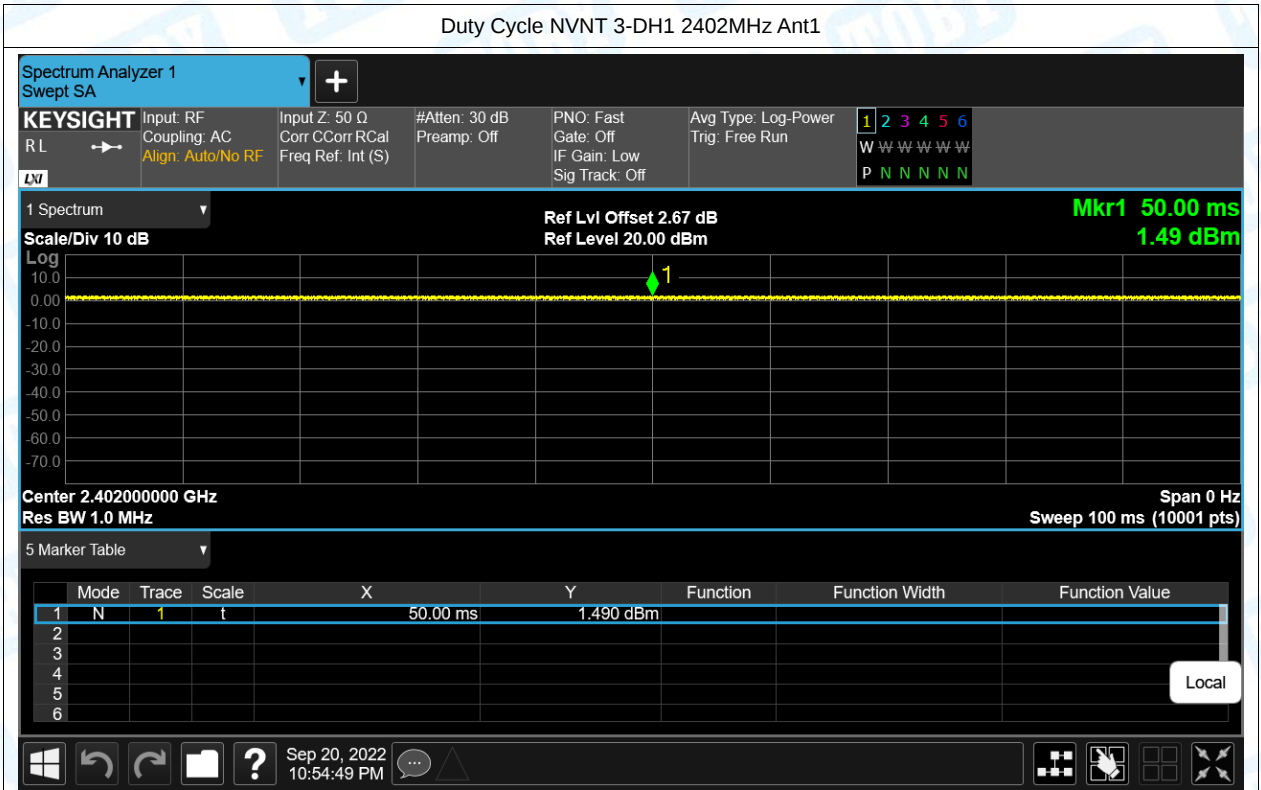
1. Duty Cycle

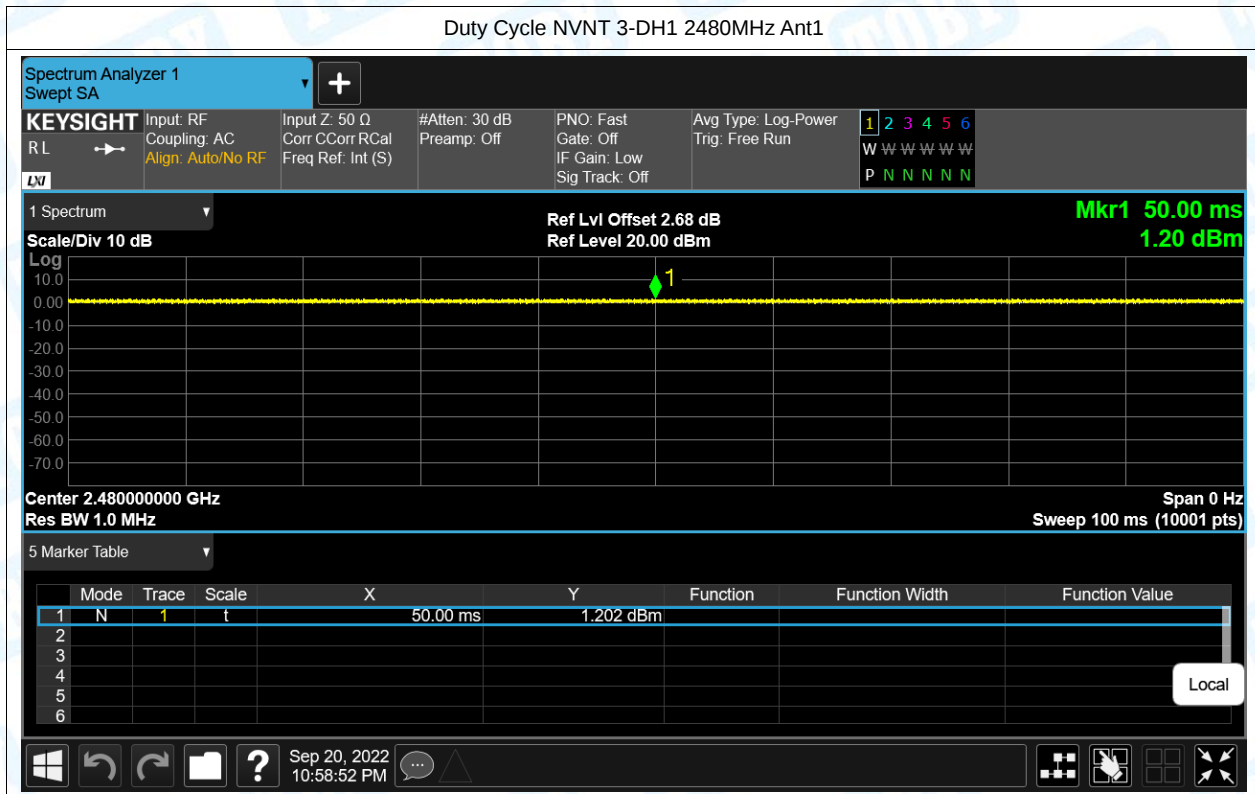
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	100	0	0
NVNT	1-DH1	2441	Ant1	100	0	0
NVNT	1-DH1	2480	Ant1	100	0	0
NVNT	2-DH1	2402	Ant1	100	0	0
NVNT	2-DH1	2441	Ant1	100	0	0
NVNT	2-DH1	2480	Ant1	100	0	0
NVNT	3-DH1	2402	Ant1	100	0	0
NVNT	3-DH1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









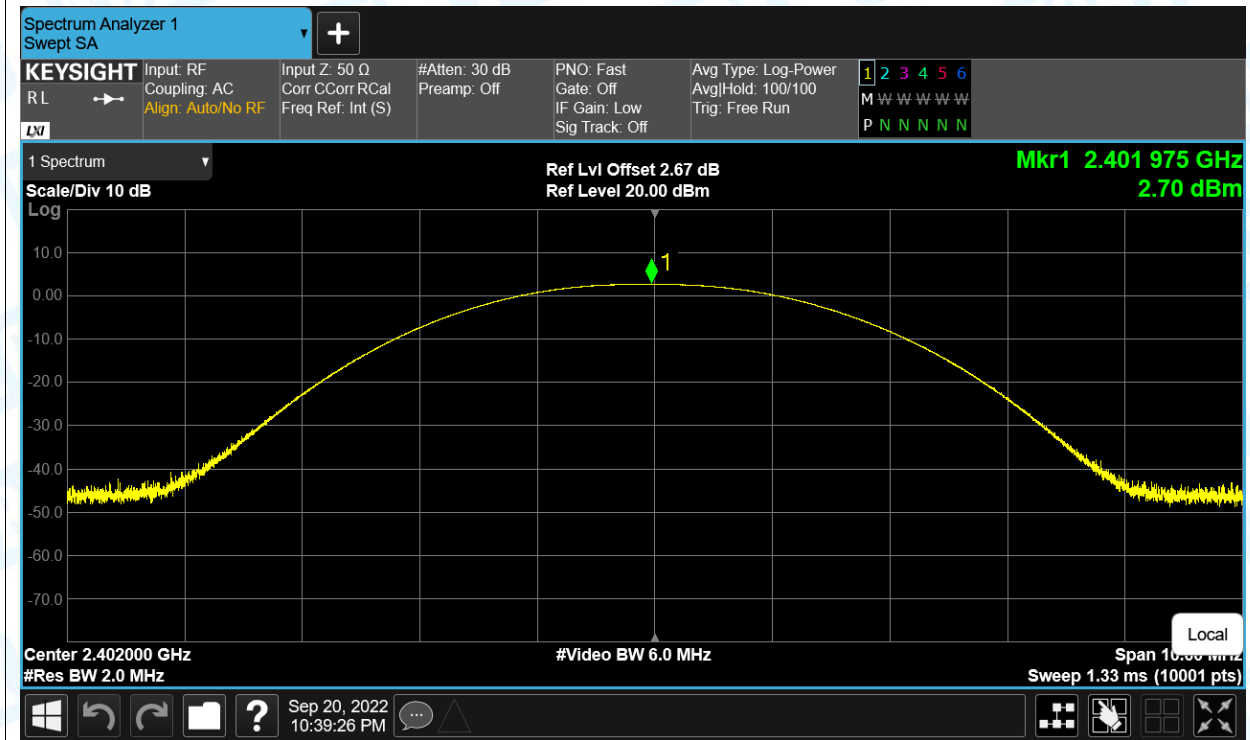


2. Maximum Conducted Output Power

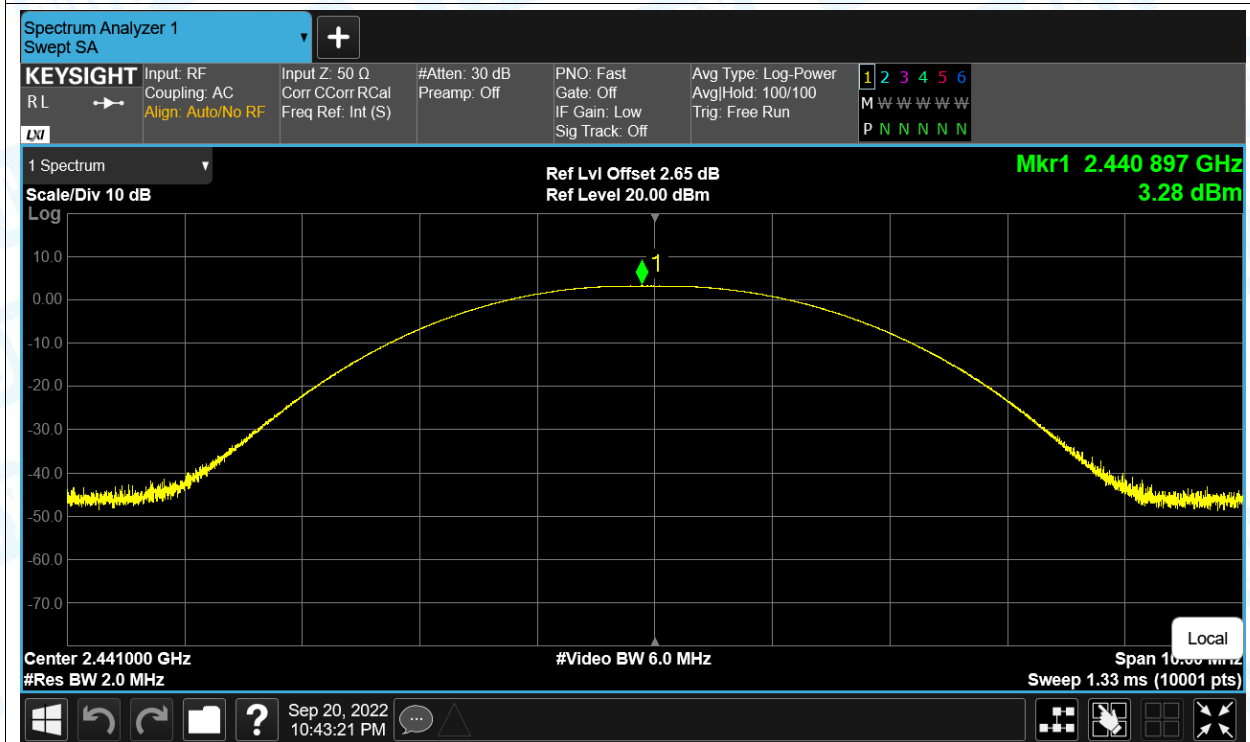
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	2.696	21	Pass
NVNT	1-DH1	2441	Ant1	3.28	21	Pass
NVNT	1-DH1	2480	Ant1	3.665	21	Pass
NVNT	2-DH1	2402	Ant1	3.452	21	Pass
NVNT	2-DH1	2441	Ant1	3.809	21	Pass
NVNT	2-DH1	2480	Ant1	1.49	21	Pass
NVNT	3-DH1	2402	Ant1	2.575	21	Pass
NVNT	3-DH1	2441	Ant1	2.17	21	Pass
NVNT	3-DH1	2480	Ant1	1.984	21	Pass

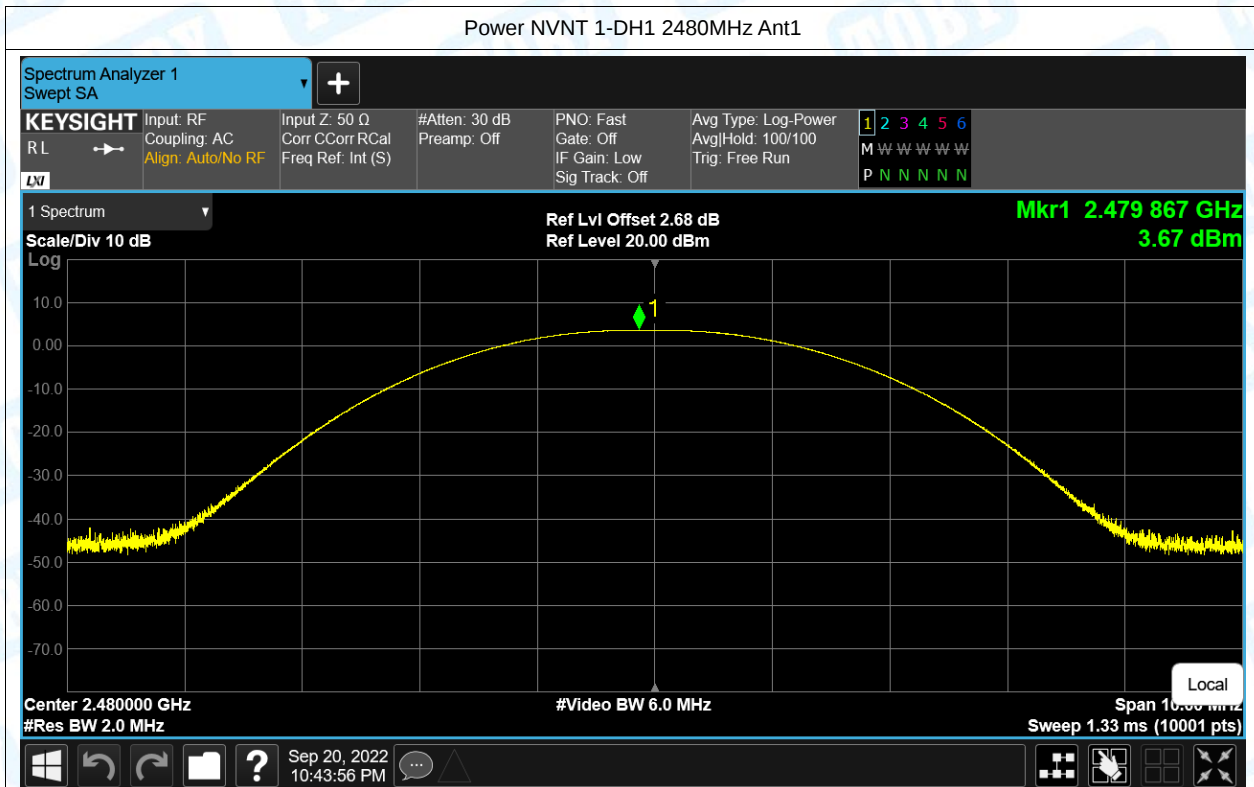
Test Graphs

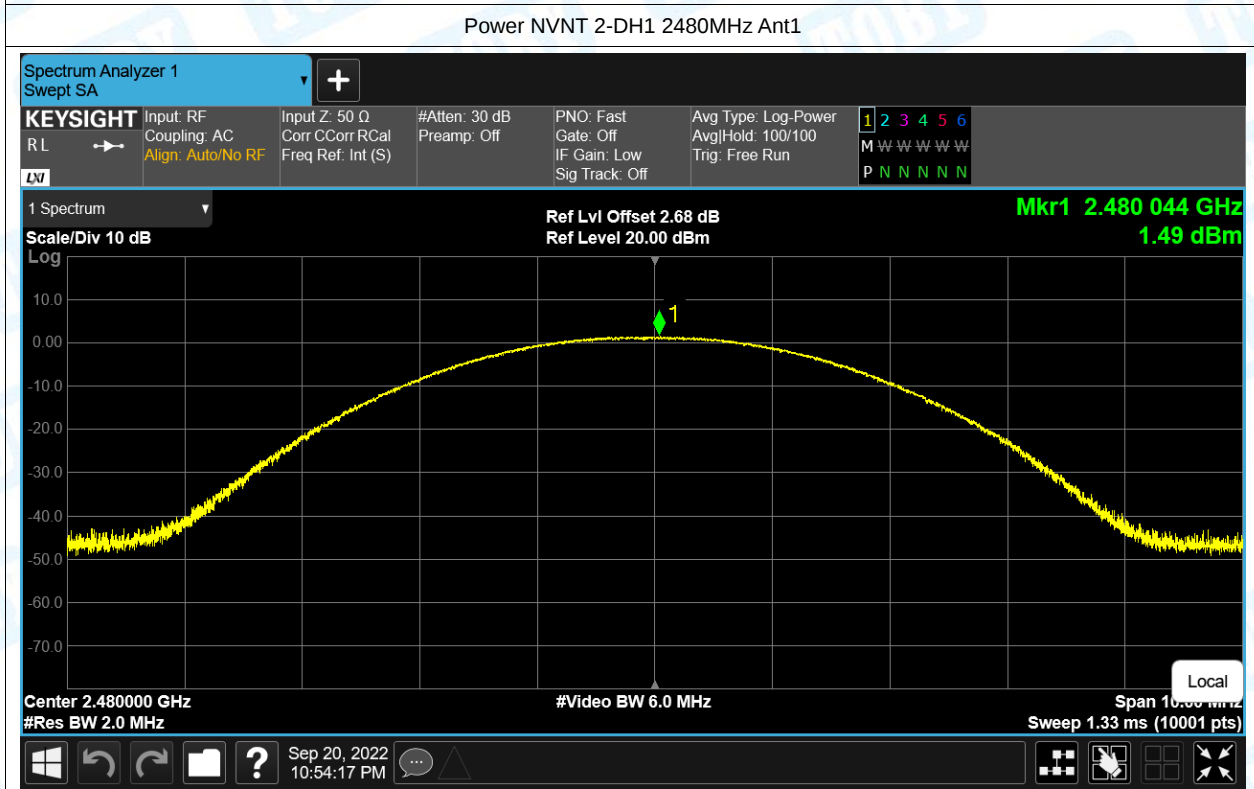
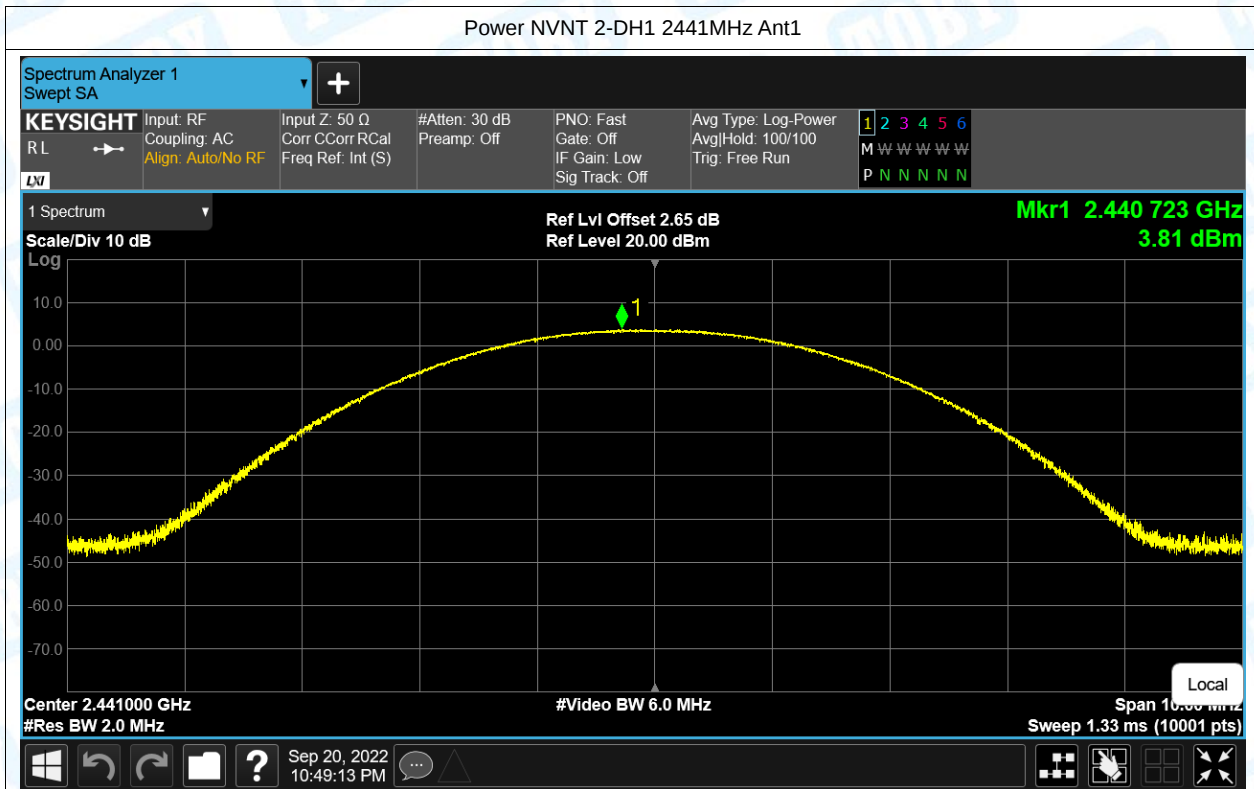
Power NVNT 1-DH1 2402MHz Ant1

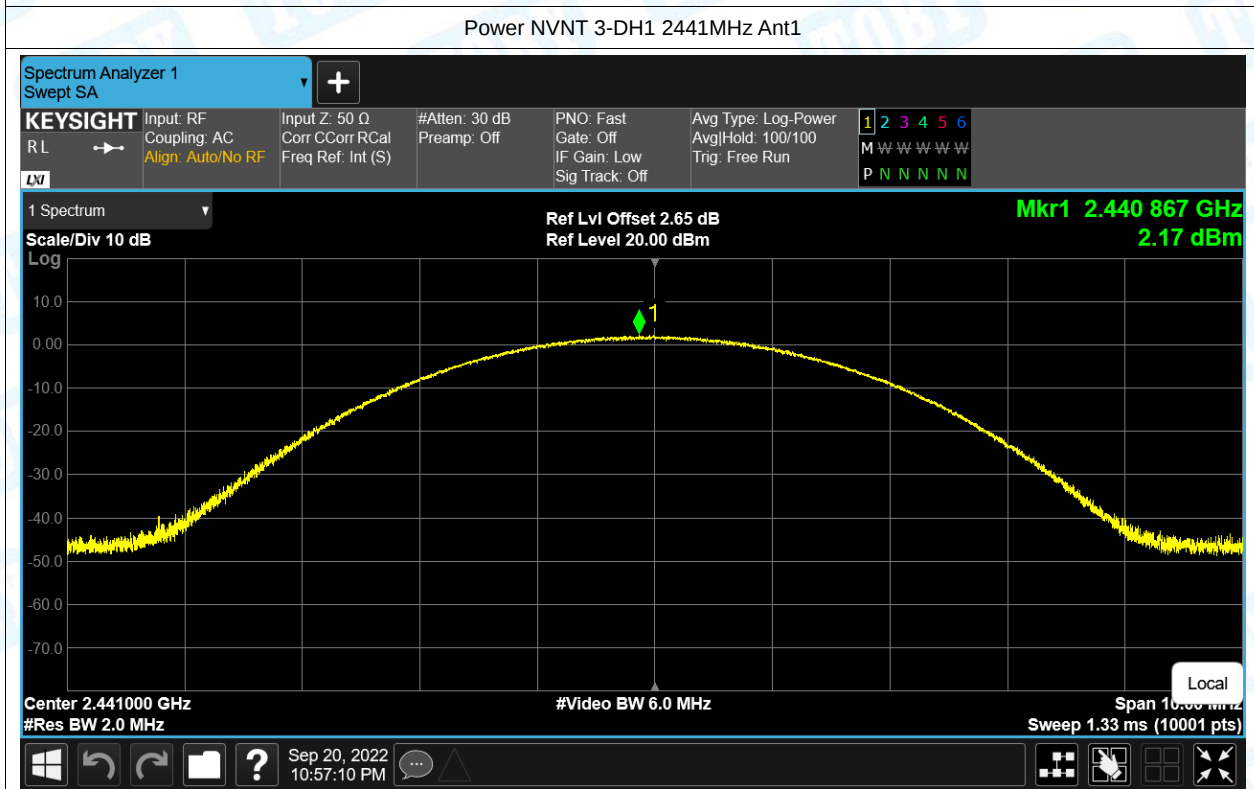
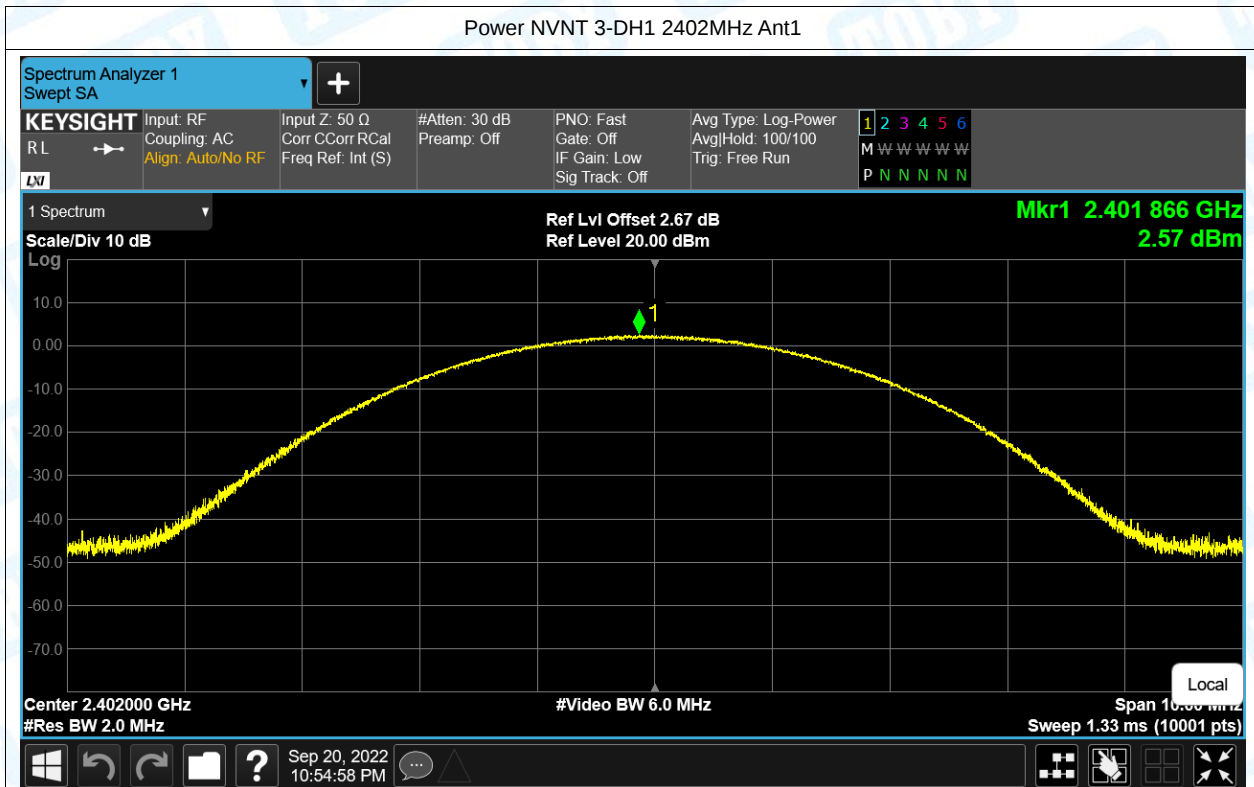


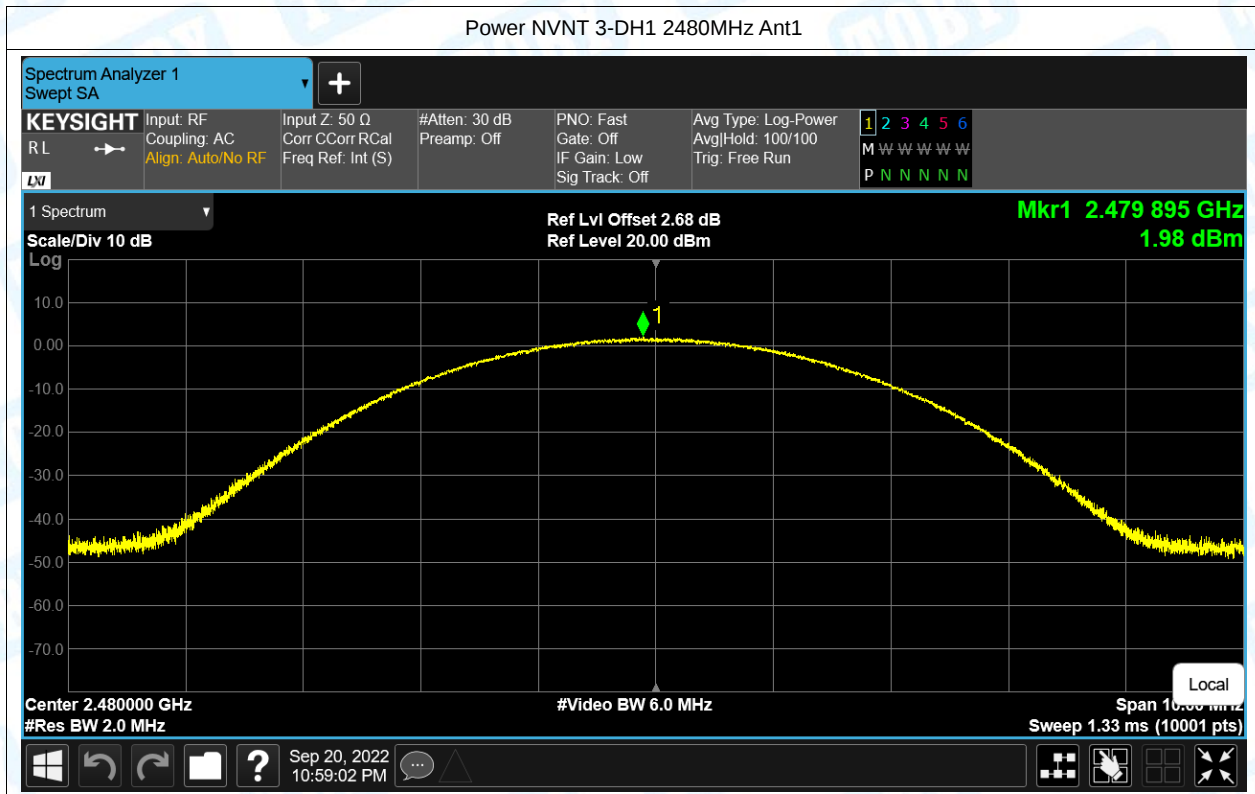
Power NVNT 1-DH1 2441MHz Ant1











3. -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.96	0	Pass
NVNT	1-DH1	2441	Ant1	0.95	0	Pass
NVNT	1-DH1	2480	Ant1	0.96	0	Pass
NVNT	2-DH1	2402	Ant1	1.38	0	Pass
NVNT	2-DH1	2441	Ant1	1.37	0	Pass
NVNT	2-DH1	2480	Ant1	1.37	0	Pass
NVNT	3-DH1	2402	Ant1	1.36	0	Pass
NVNT	3-DH1	2441	Ant1	1.35	0	Pass
NVNT	3-DH1	2480	Ant1	1.35	0	Pass

Test Graphs

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



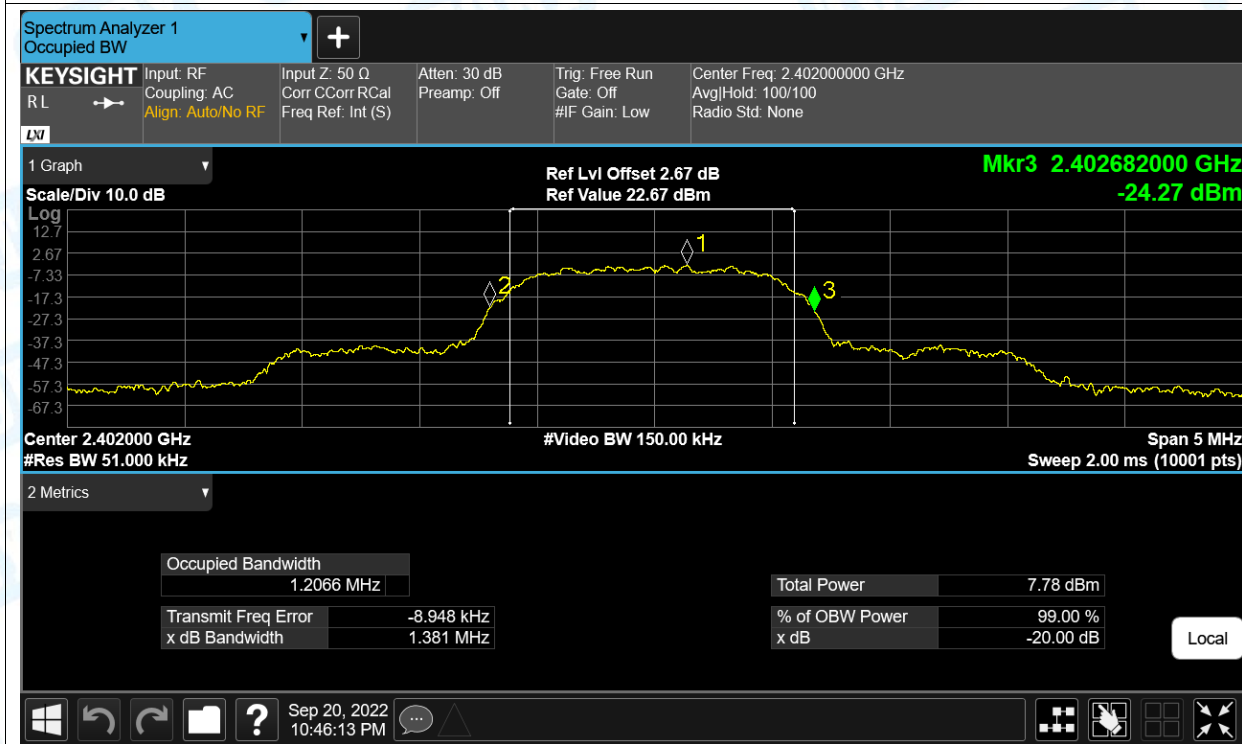
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



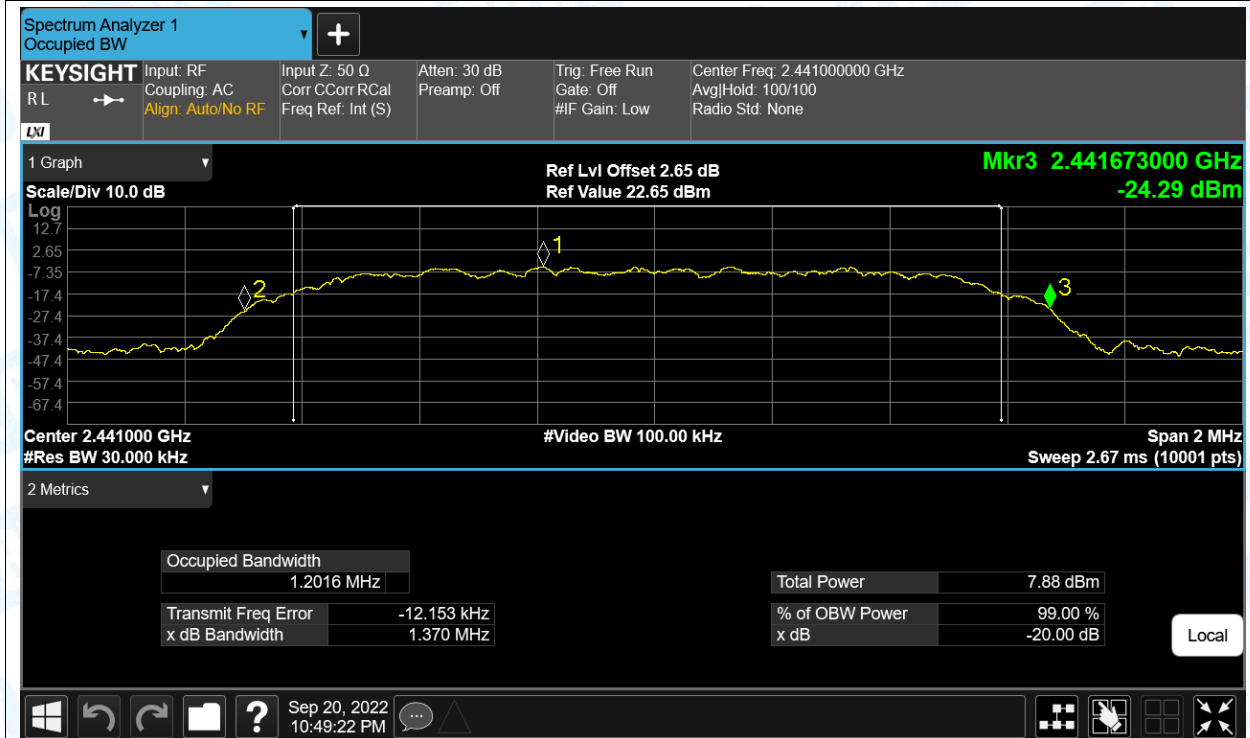
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



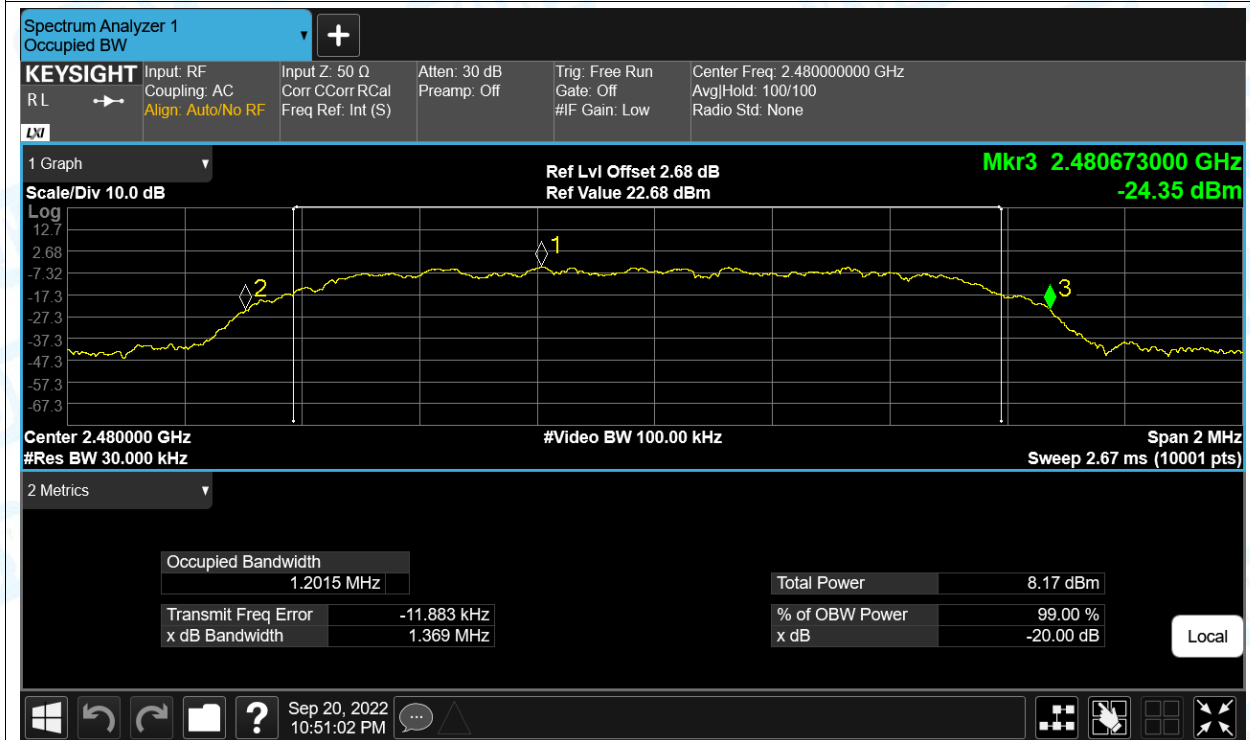
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



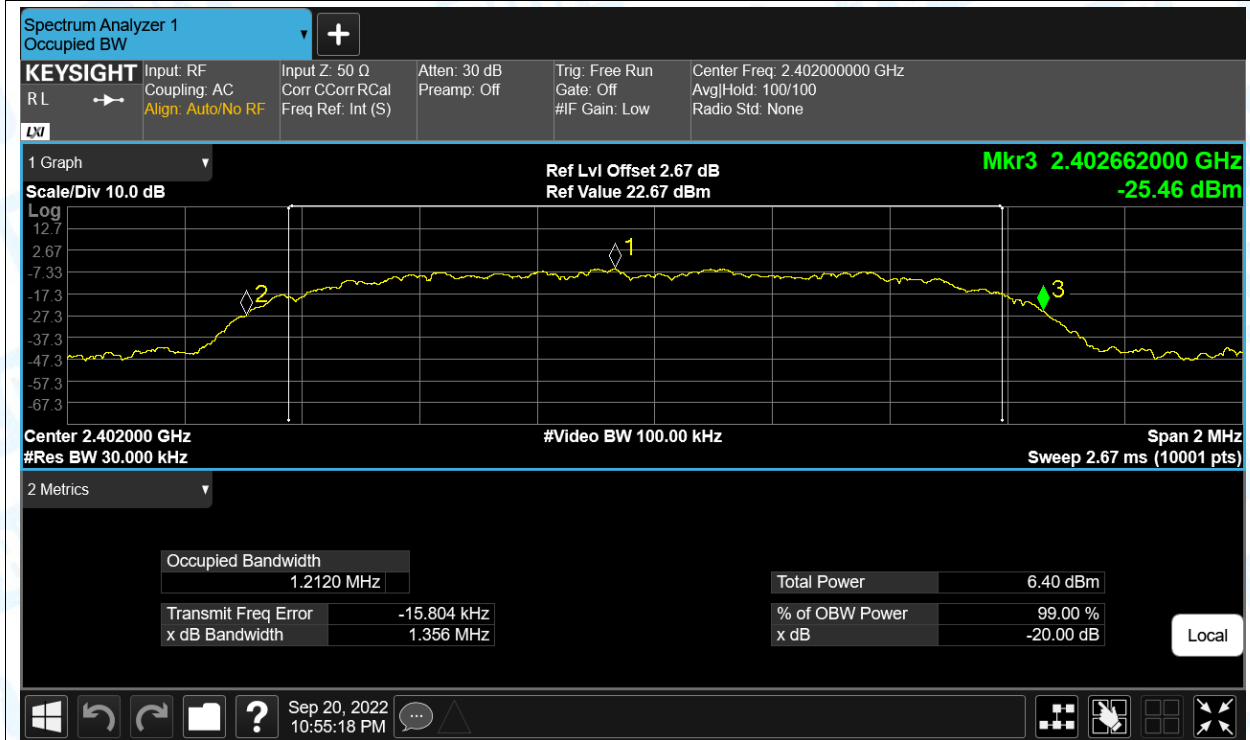
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



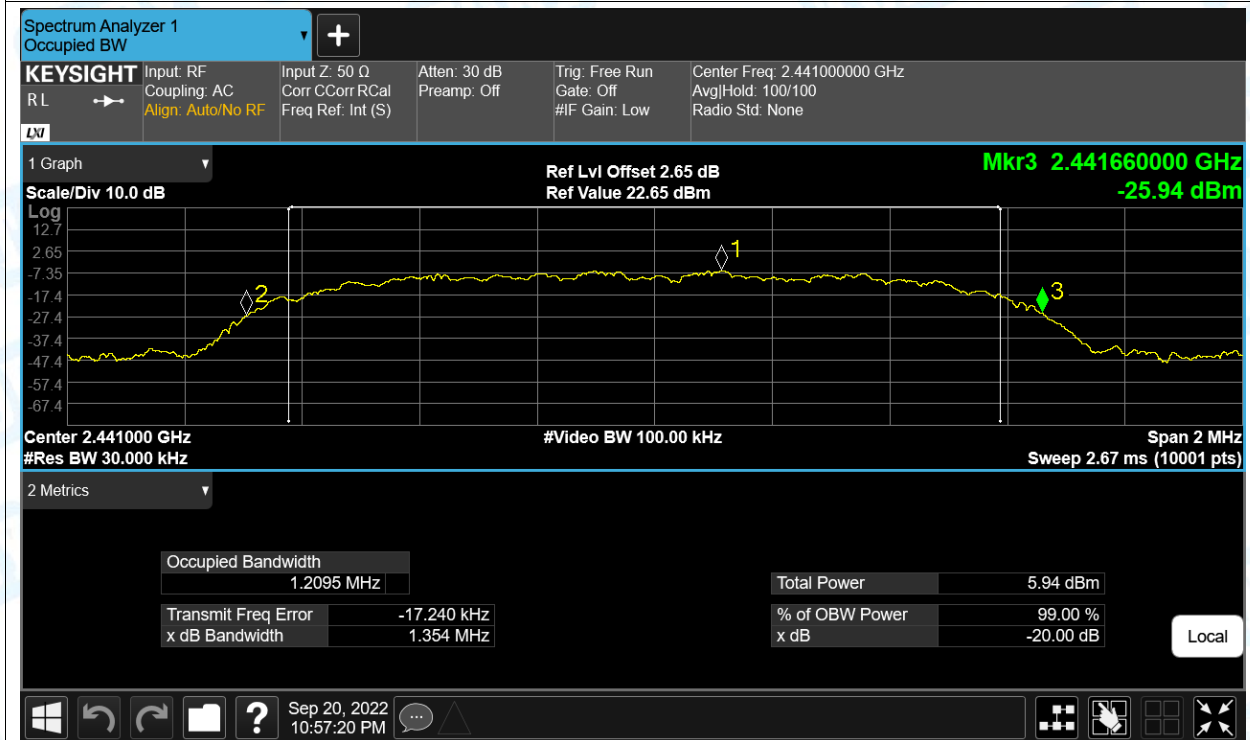
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

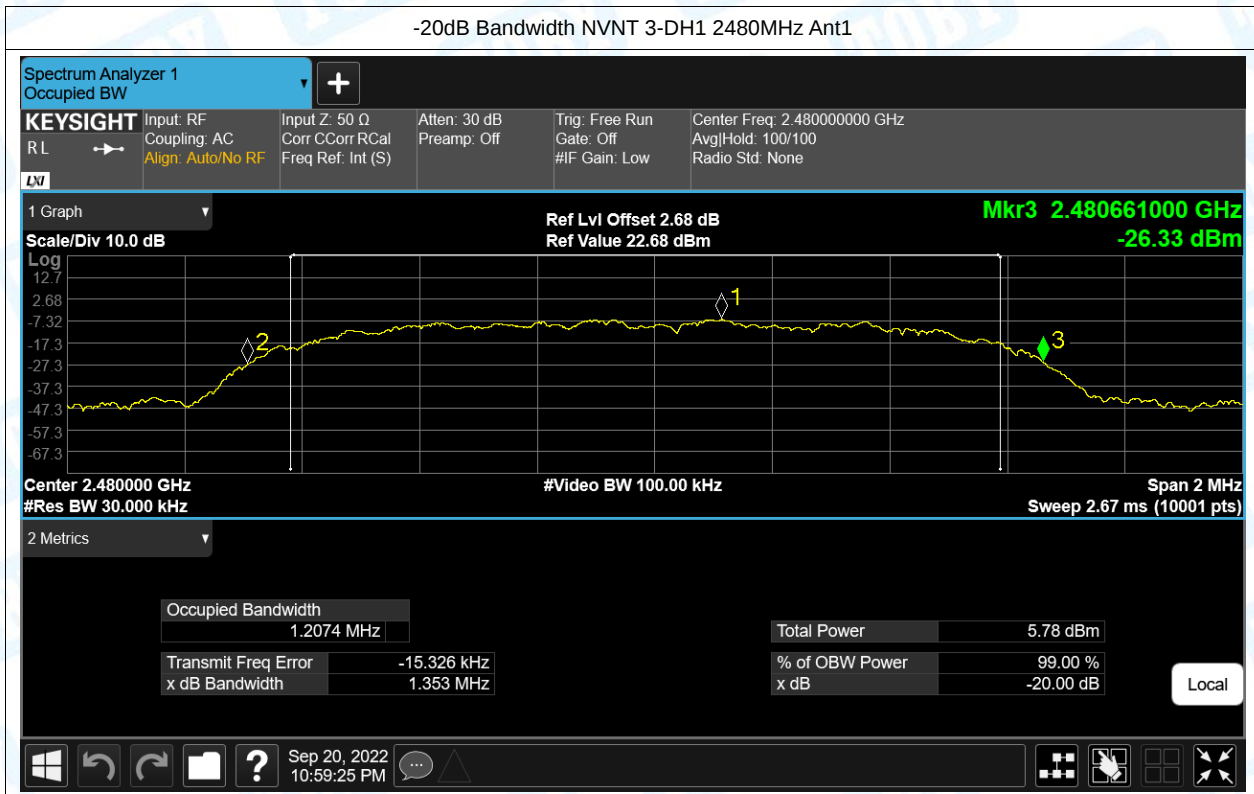


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1





4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.89
NVNT	1-DH1	2480	Ant1	0.901
NVNT	2-DH1	2402	Ant1	1.198
NVNT	2-DH1	2480	Ant1	1.204
NVNT	3-DH1	2402	Ant1	1.213
NVNT	3-DH1	2480	Ant1	1.213

Test Graphs

OBW NVNT 1-DH1 2402MHz Ant1

Spectrum Analyzer 1
Occupied BW

KEYSIGHT

Input: RF
Coupling: AC
Align: Auto/No RFInput Z: 50 Ω

Corr CCorr RCal

Freq Ref: Int (S)

Atten: 30 dB

Preamp: Off

Trig: Free Run

Gate: Off

#IF Gain: Low

Center Freq: 2.402000000 GHz

Avg/Hold: 100/100

Radio Std: None

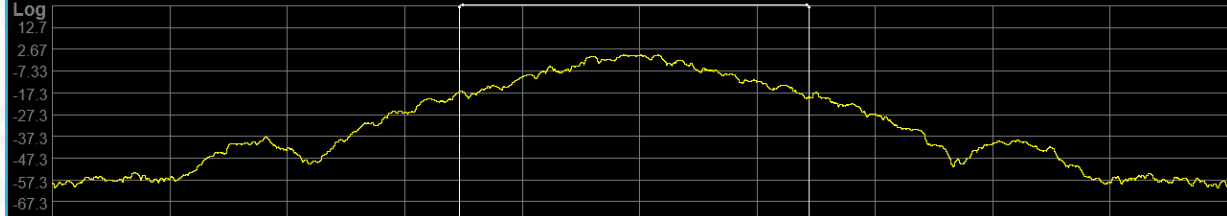
1 Graph

Scale/Div 10.0 dB

Ref Lvl Offset 2.67 dB

Ref Value 22.67 dBm

Log



Center 2.402000 GHz

#Video BW 100.00 kHz

Span 3 MHz

#Res BW 30.000 kHz

Sweep 3.33 ms (10001 pts)

2 Metrics

Occupied Bandwidth

890.04 kHz

Total Power

9.16 dBm

Transmit Freq Error

-13.508 kHz

% of OBW Power

99.00 %

x dB Bandwidth

959.8 kHz

x dB

-20.00 dB

Local

Sep 20, 2022
10:40:08 PM

OBW NVNT 1-DH1 2480MHz Ant1

Spectrum Analyzer 1
Occupied BW

KEYSIGHT

Input: RF
Coupling: AC
Align: Auto/No RFInput Z: 50 Ω

Corr CCorr RCal

Freq Ref: Int (S)

Atten: 30 dB

Preamp: Off

Trig: Free Run

Gate: Off

#IF Gain: Low

Center Freq: 2.480000000 GHz

Avg/Hold: 100/100

Radio Std: None

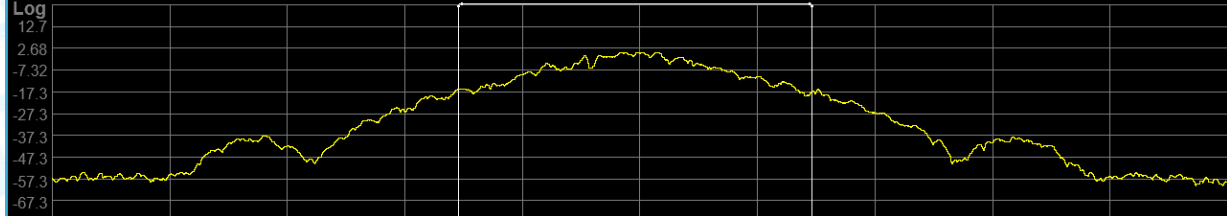
1 Graph

Scale/Div 10.0 dB

Ref Lvl Offset 2.68 dB

Ref Value 22.68 dBm

Log



Center 2.480000 GHz

#Video BW 100.00 kHz

Span 3 MHz

#Res BW 30.000 kHz

Sweep 3.33 ms (10001 pts)

2 Metrics

Occupied Bandwidth

901.14 kHz

Total Power

9.79 dBm

Transmit Freq Error

-11.334 kHz

% of OBW Power

99.00 %

x dB Bandwidth

963.8 kHz

x dB

-20.00 dB

Local

Sep 20, 2022
10:44:04 PM

OBW NVNT 2-DH1 2402MHz Ant1



OBW NVNT 2-DH1 2480MHz Ant1



OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2480MHz Ant1

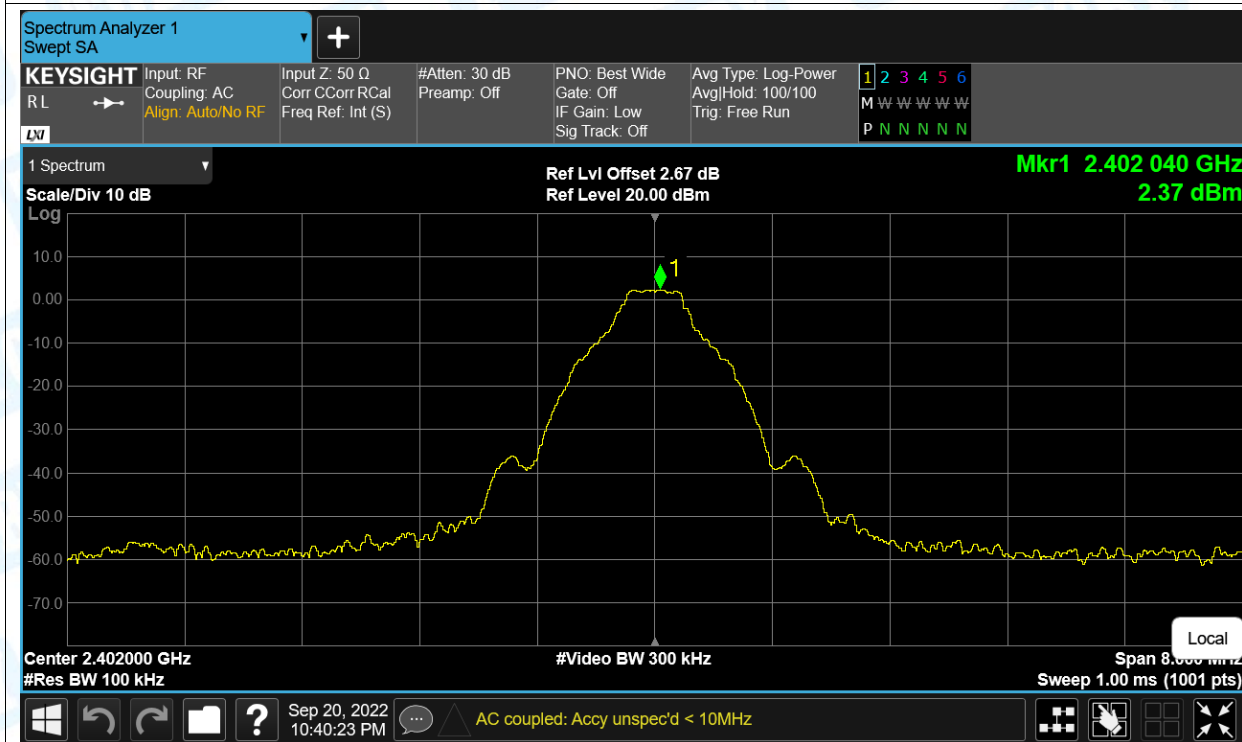


5. Band Edge

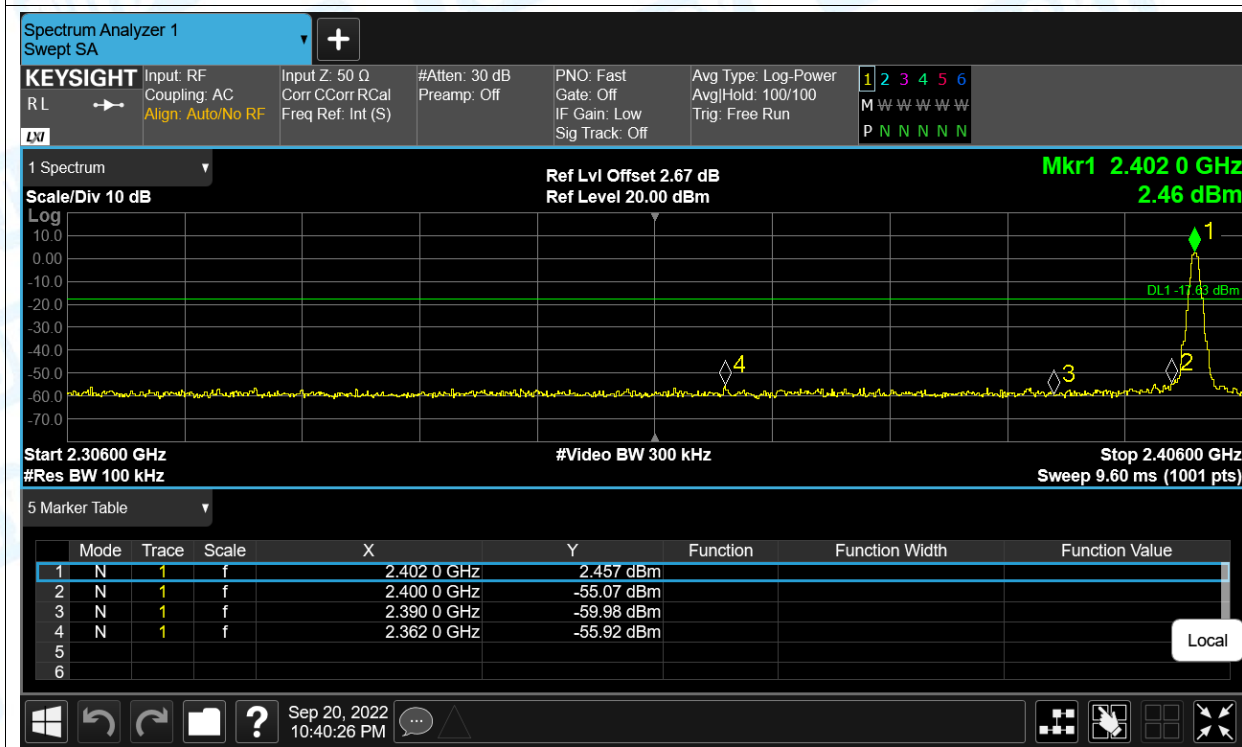
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-58.29	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-58.98	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-54.7	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-56.16	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-54.31	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-53.59	-20	Pass

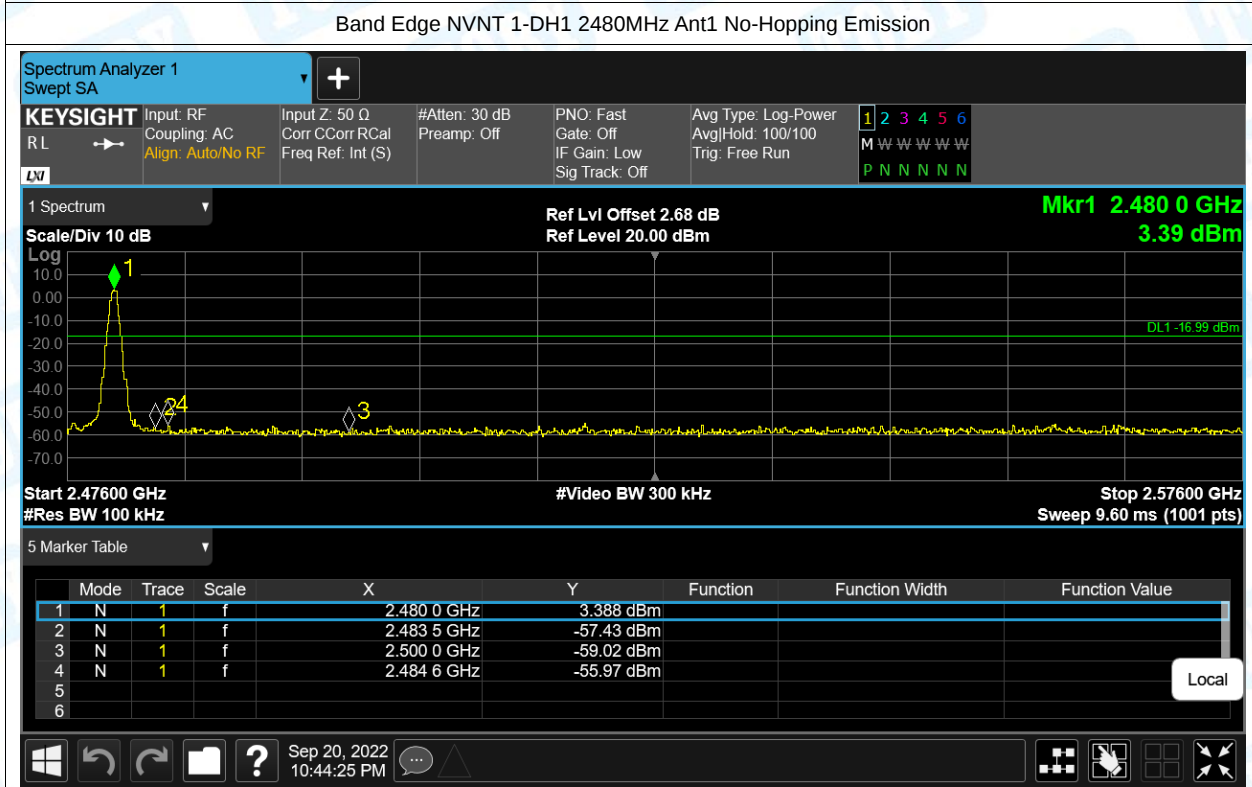
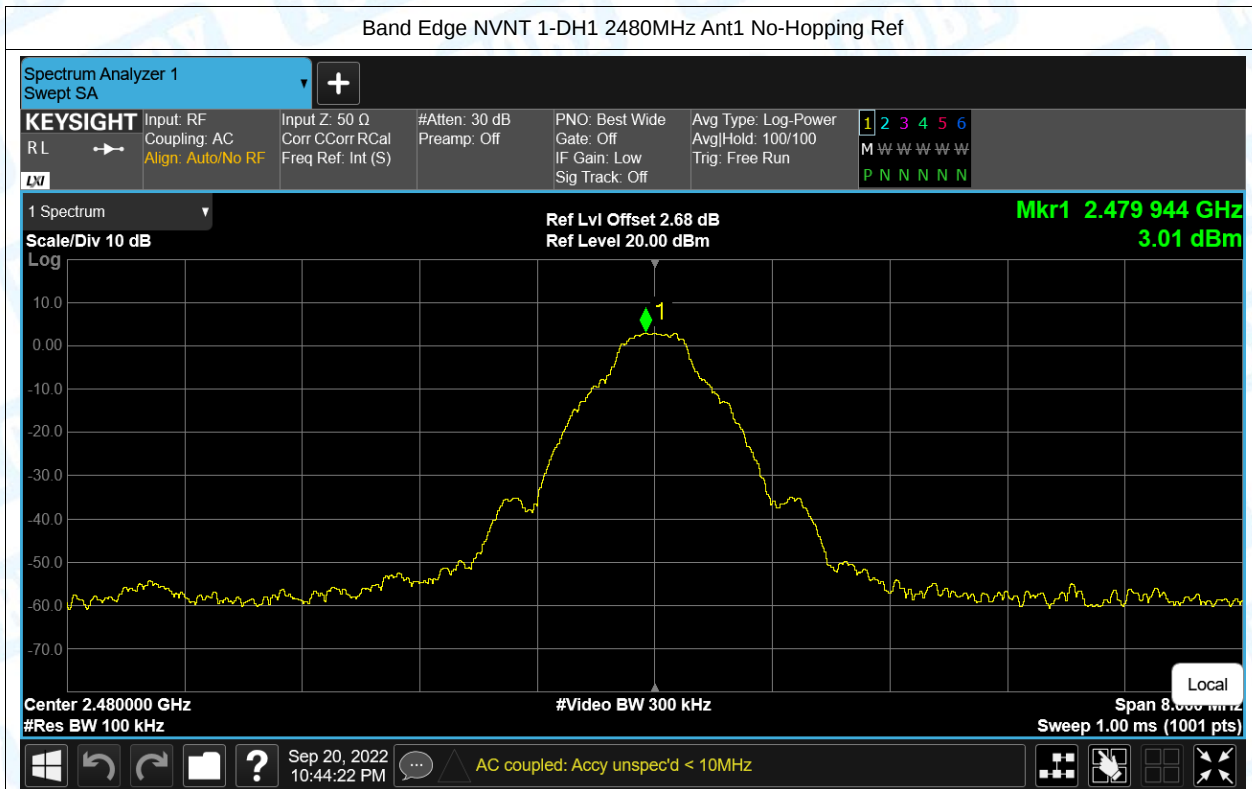
Test Graphs

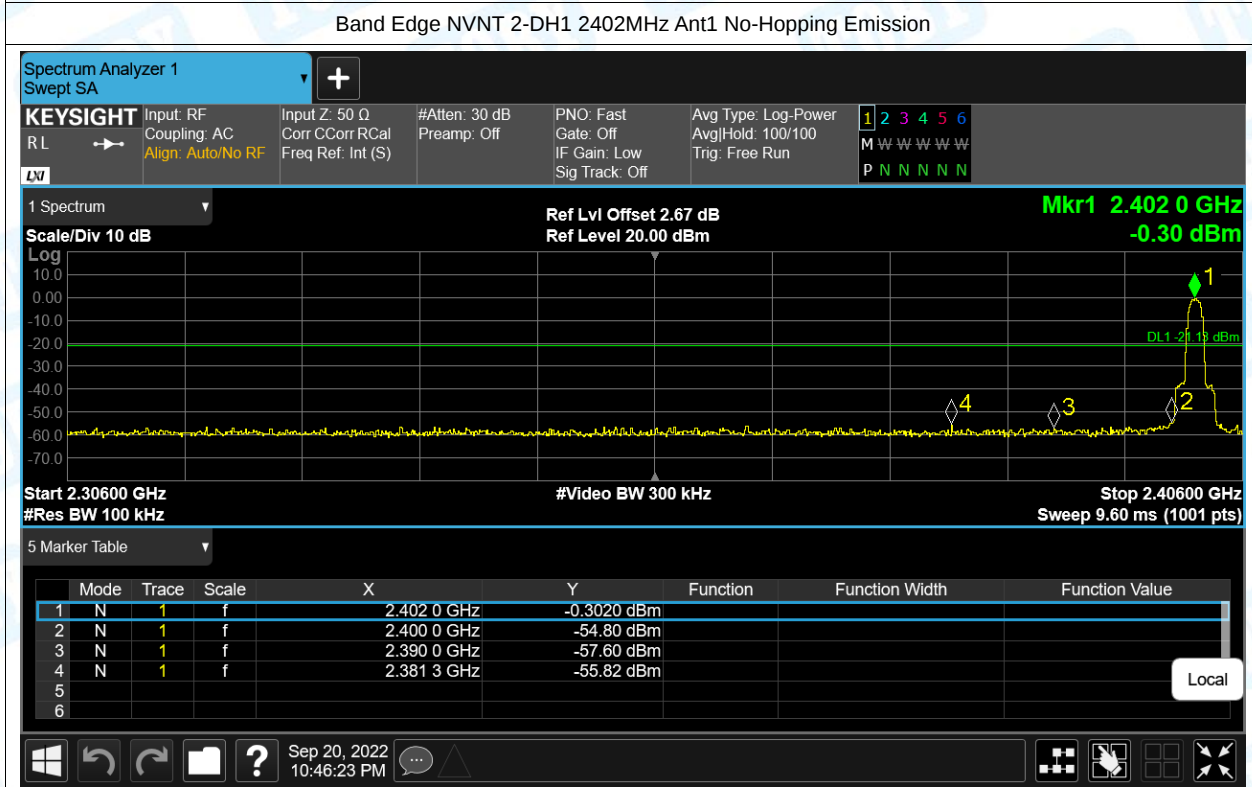
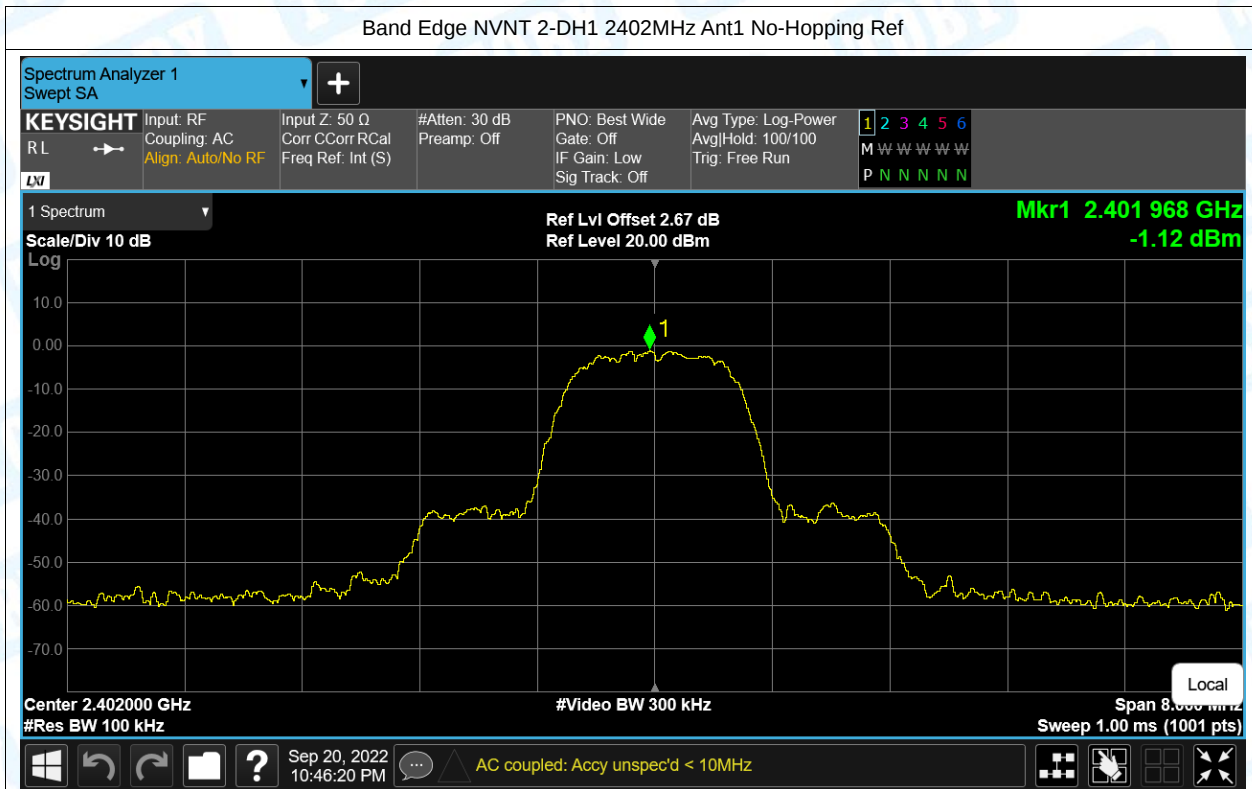
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

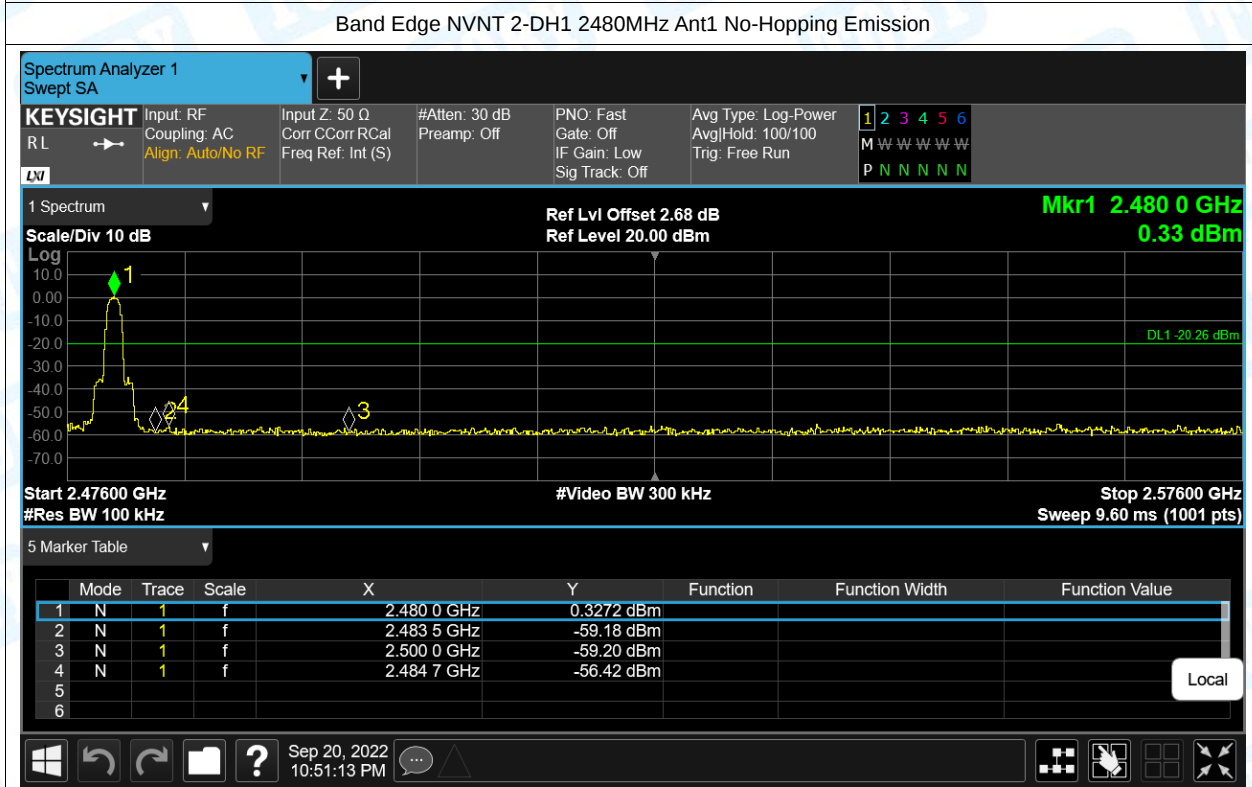
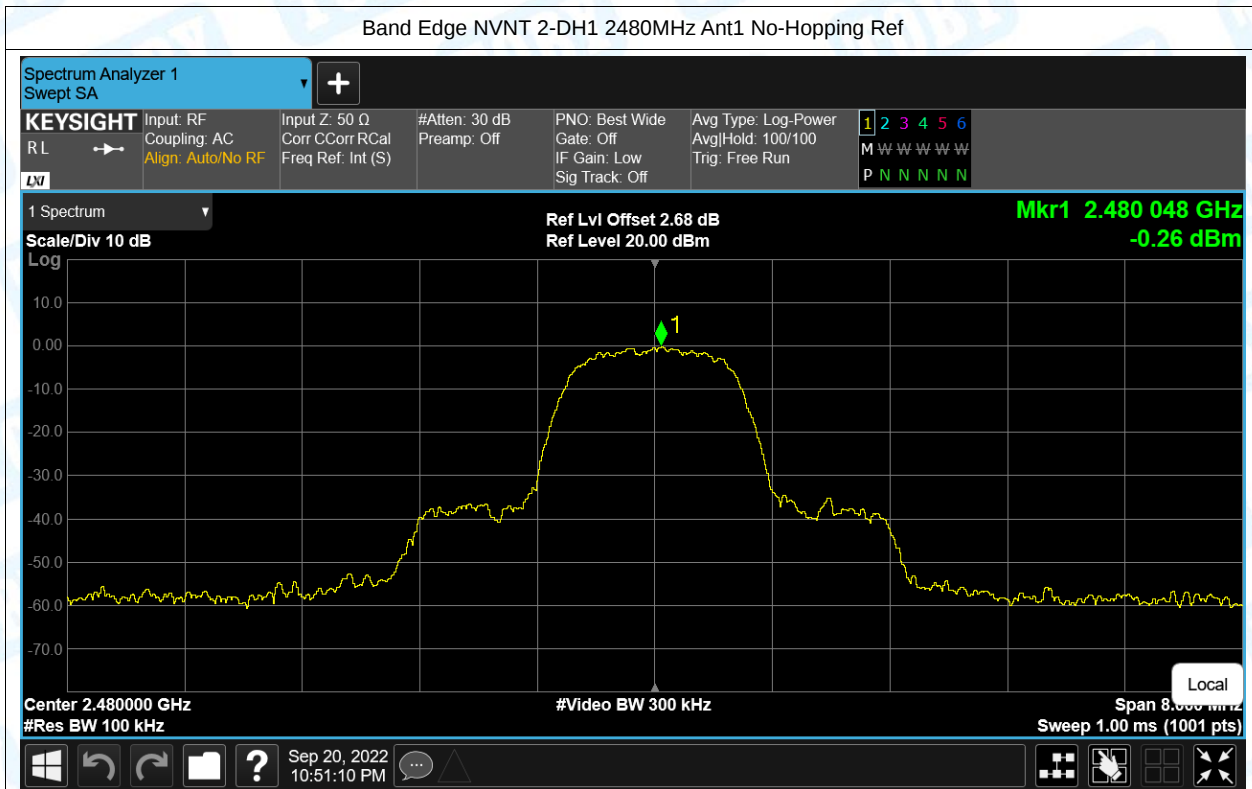


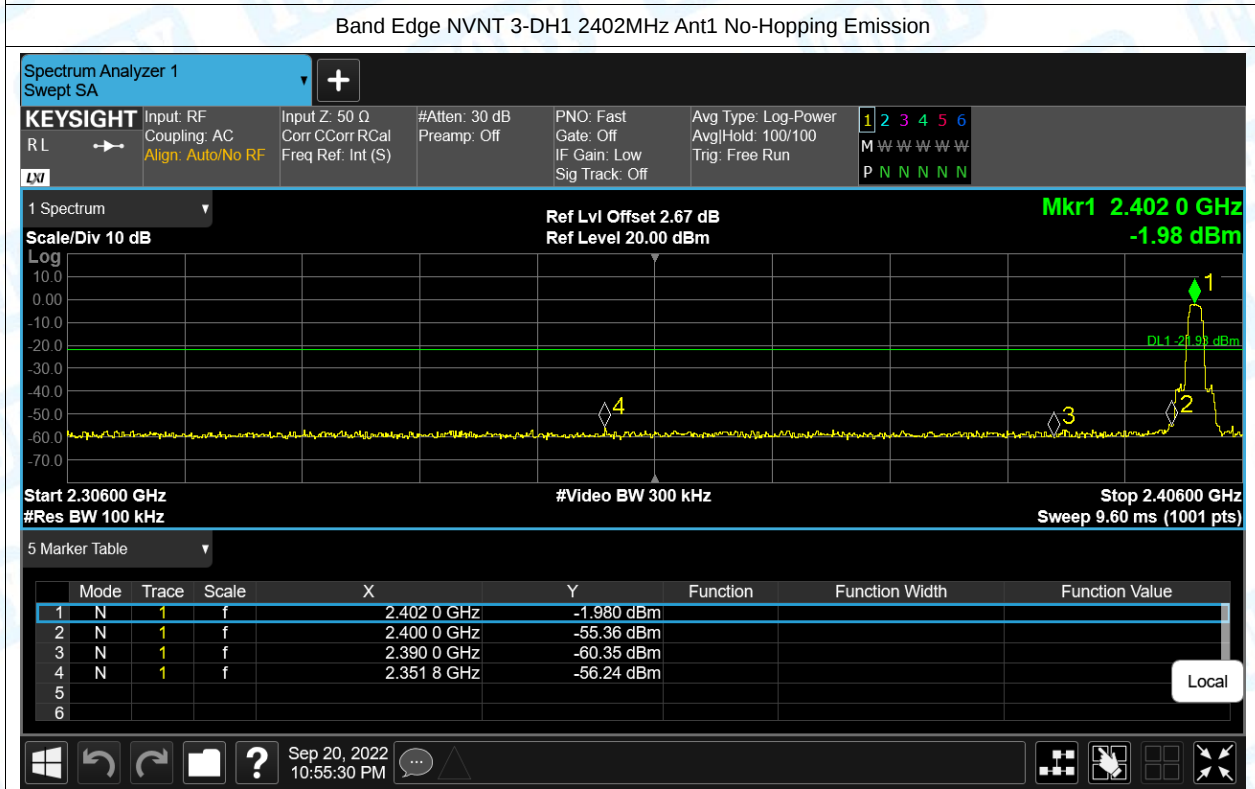
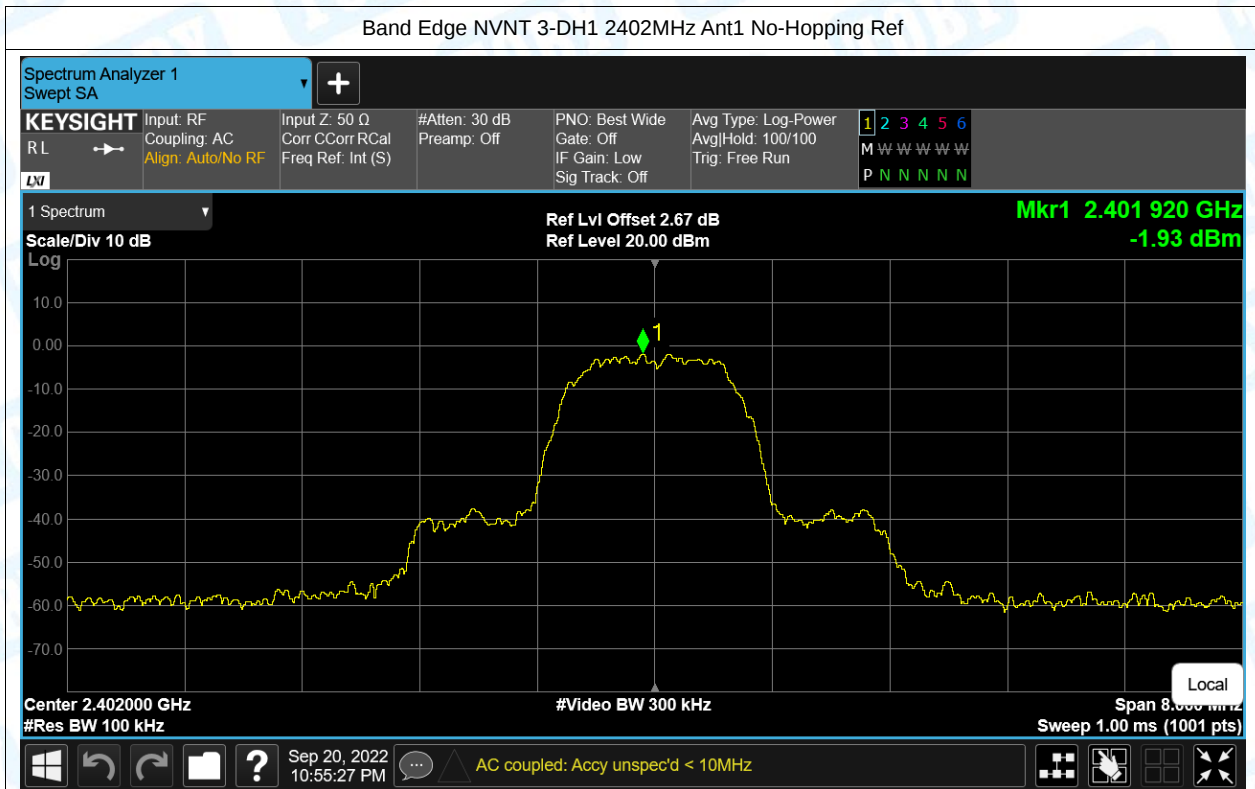
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission

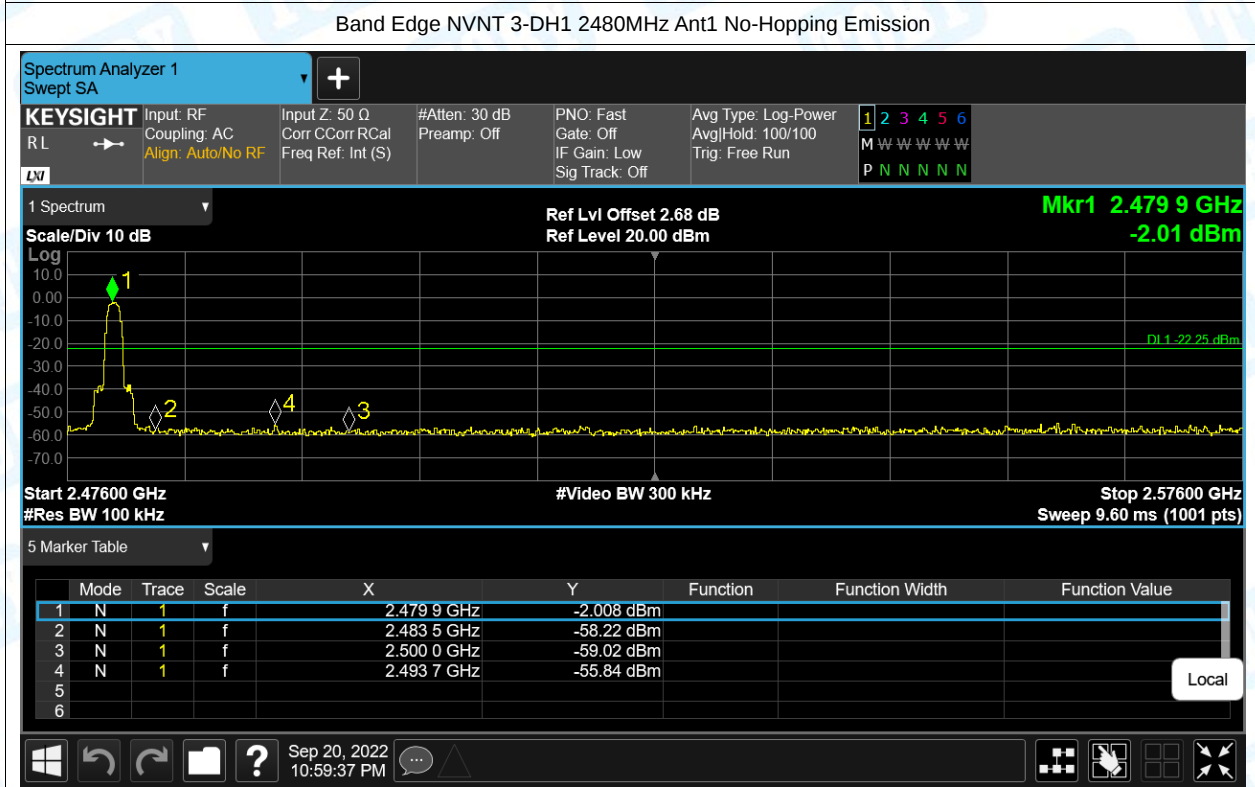
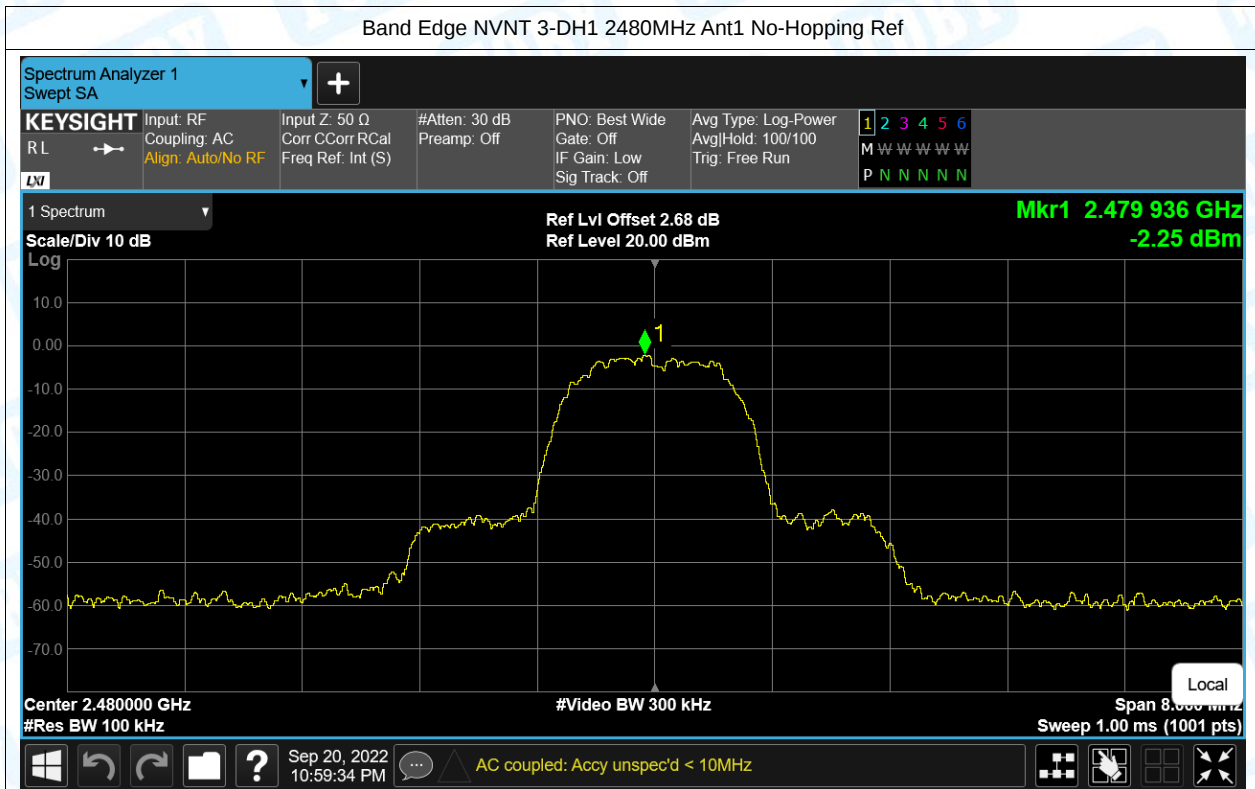












6. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-55.67	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-56.97	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-55.89	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-55.43	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-55.92	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-56.26	-20	Pass



