

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

General Description of EUT	
Product Name:	LED TV
Test Model:	FSTV-3222P
Sample ID:	202202-0014-1_02#
Environmental Conditions	
Temperature:	25°C
Relative Humidity:	55%
Test Voltage:	DC 12V
Test Engineer:	Huangjianping
Note: For a more detailed features description, please refer to the report TBR-C-202202-0014-1	

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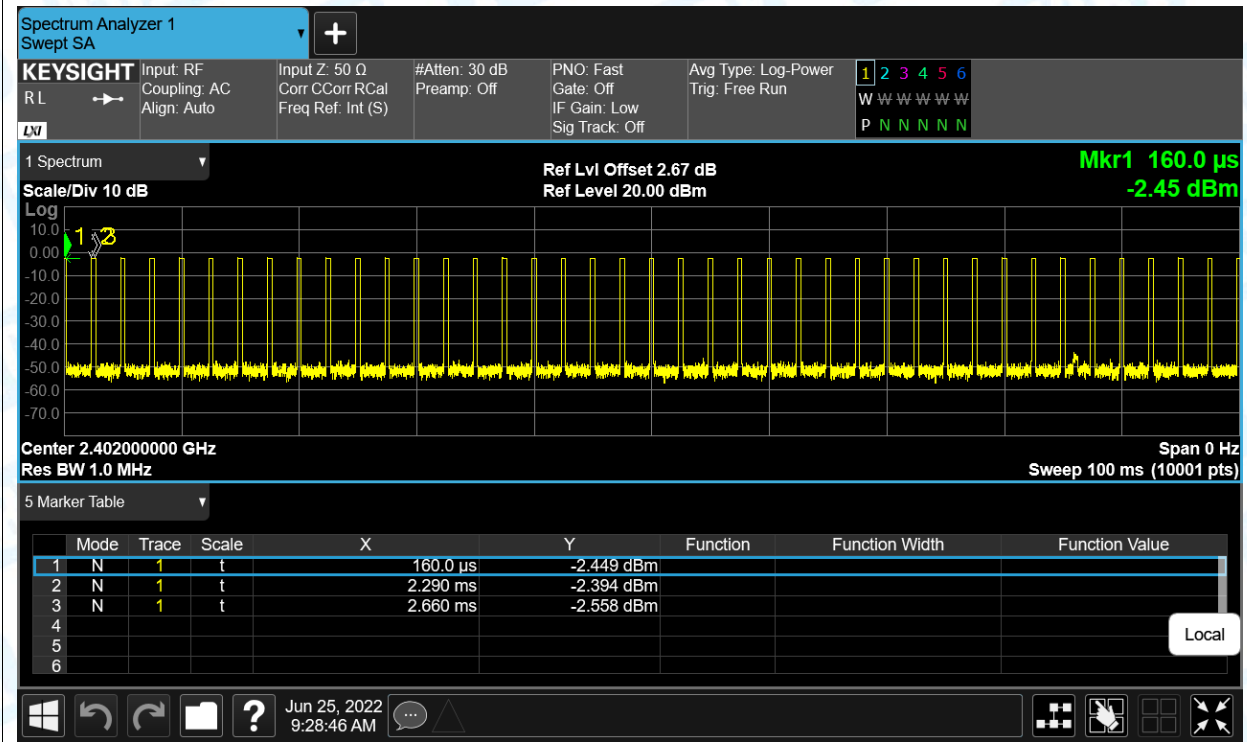
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1. Duty Cycle

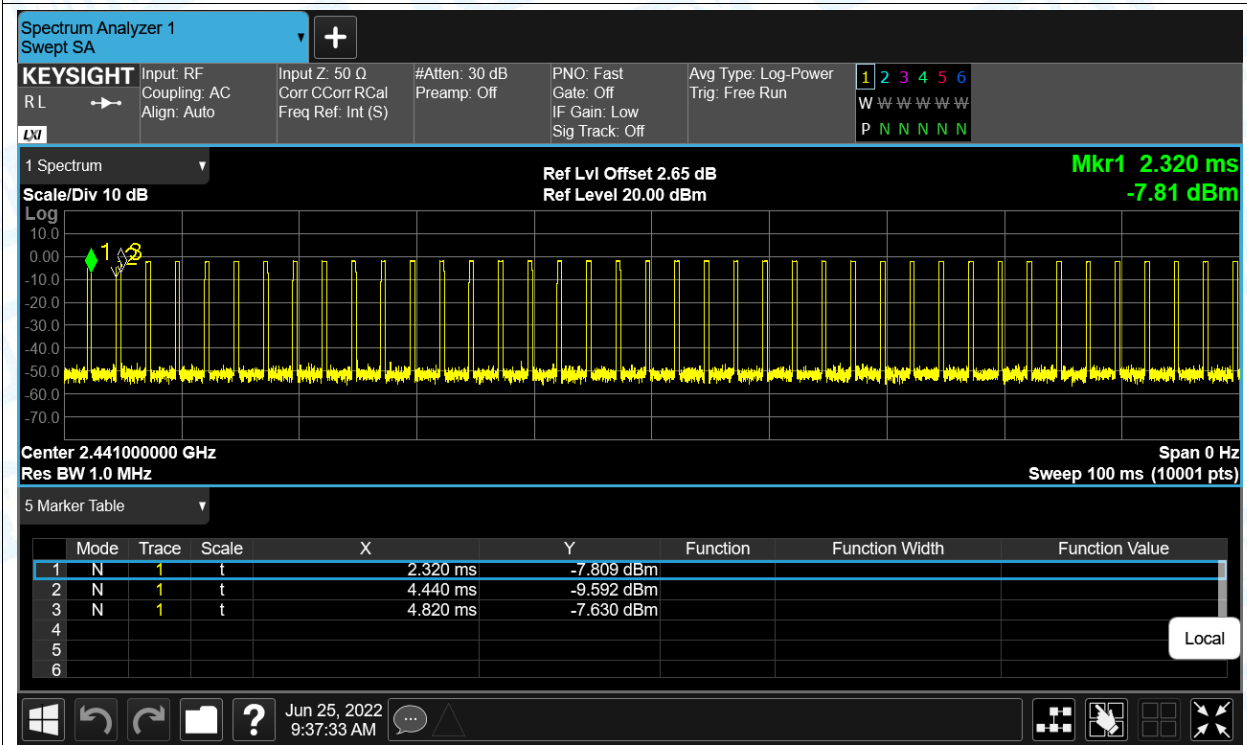
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	15.21	8.18	2.7
NVNT	1-DH1	2441	Ant1	15.6	8.07	2.63
NVNT	1-DH1	2480	Ant1	15.2	8.18	2.7
NVNT	2-DH1	2402	Ant1	15.6	8.07	2.63
NVNT	2-DH1	2441	Ant1	15.6	8.07	2.63
NVNT	2-DH1	2480	Ant1	15.6	8.07	2.63
NVNT	3-DH1	2402	Ant1	15.78	8.02	2.63
NVNT	3-DH1	2441	Ant1	15.6	8.07	2.63
NVNT	3-DH1	2480	Ant1	15.6	8.07	2.63

Test Graphs

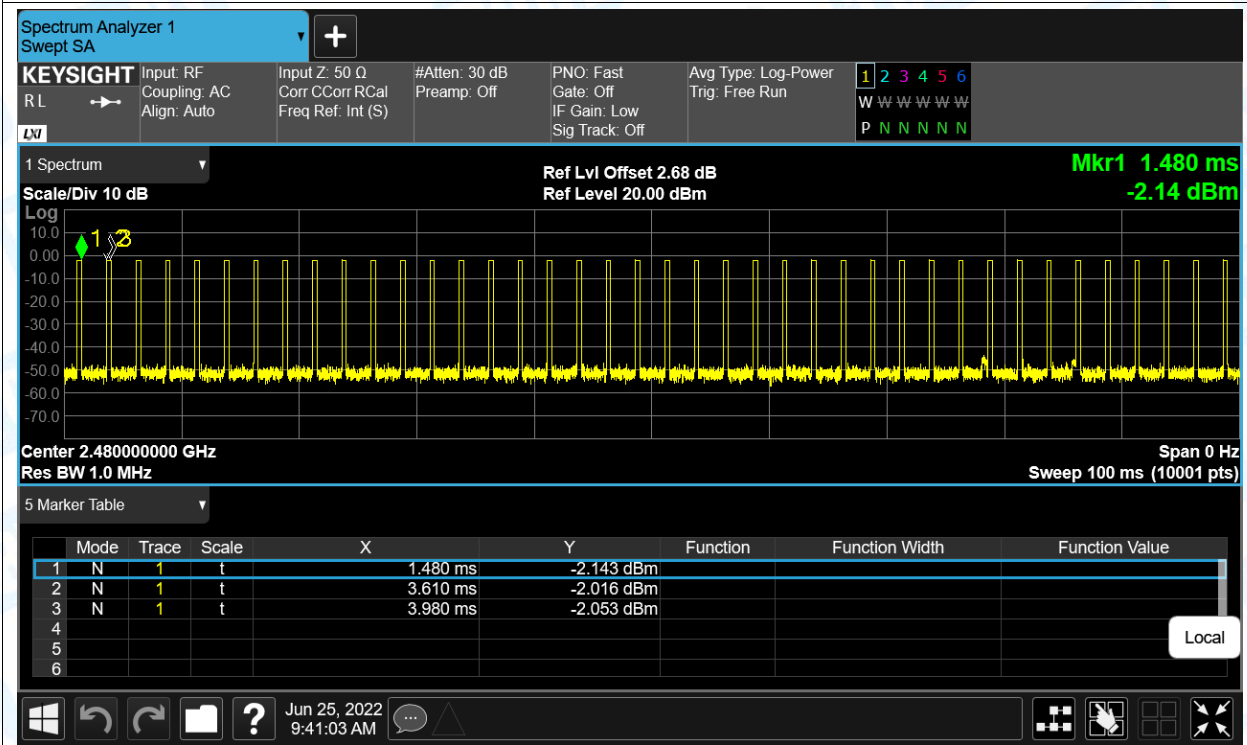
Duty Cycle NVNT 1-DH1 2402MHz Ant1



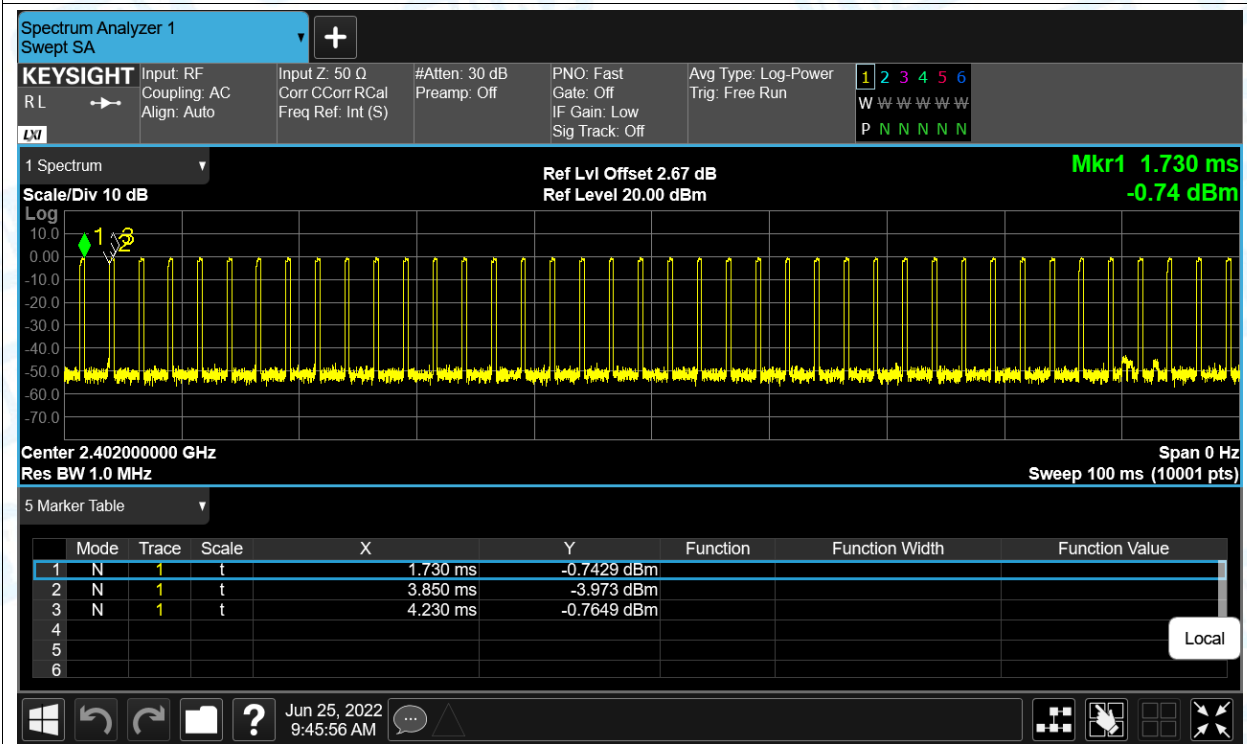
Duty Cycle NVNT 1-DH1 2441MHz Ant1



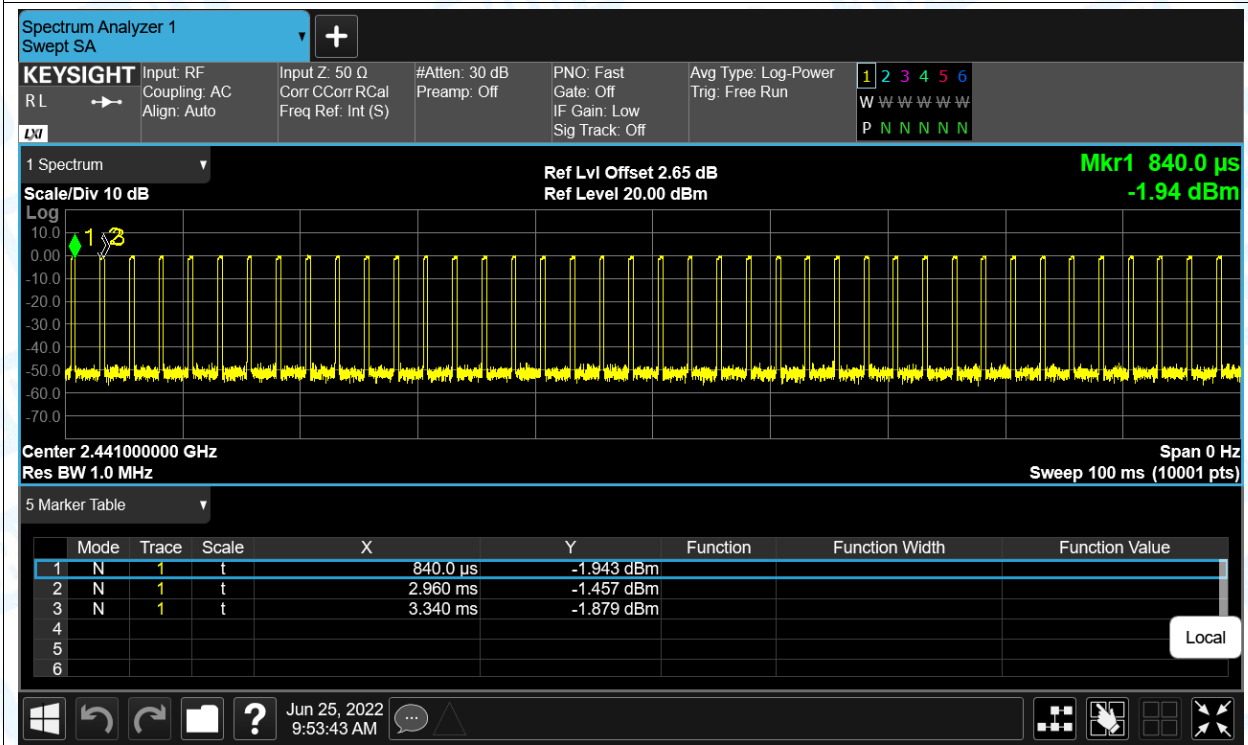
Duty Cycle NVNT 1-DH1 2480MHz Ant1



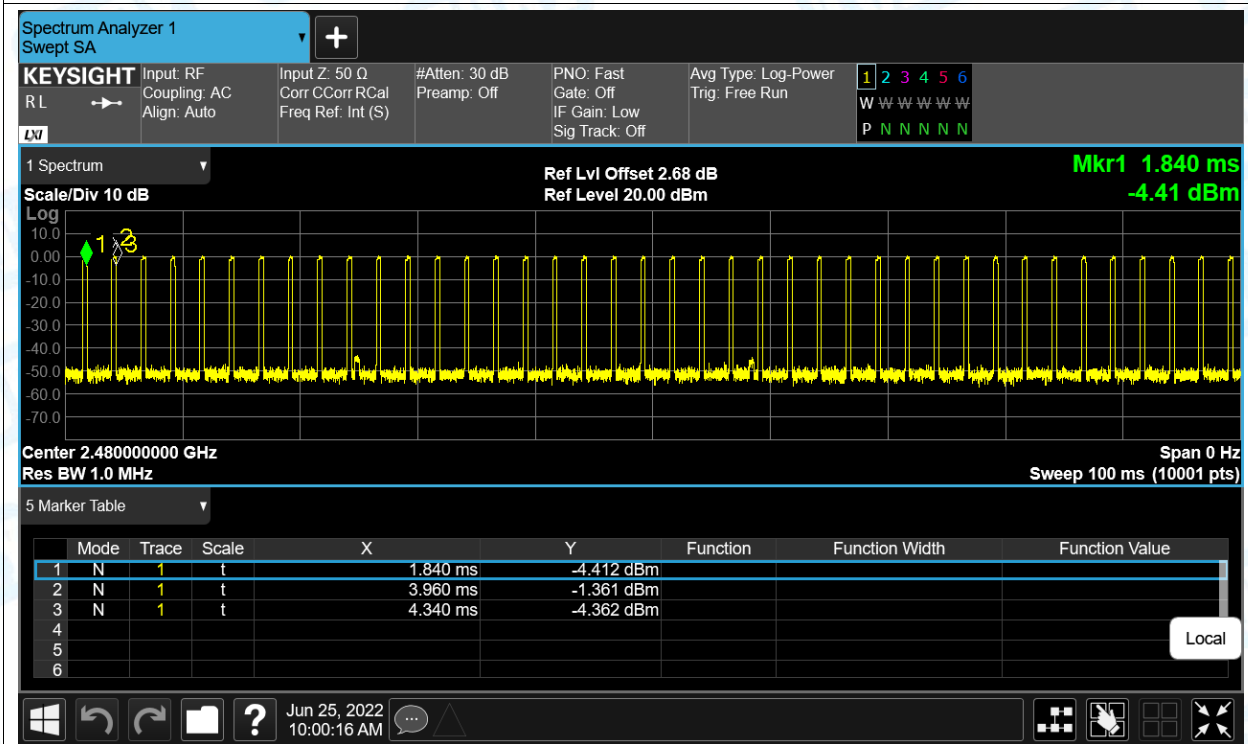
Duty Cycle NVNT 2-DH1 2402MHz Ant1



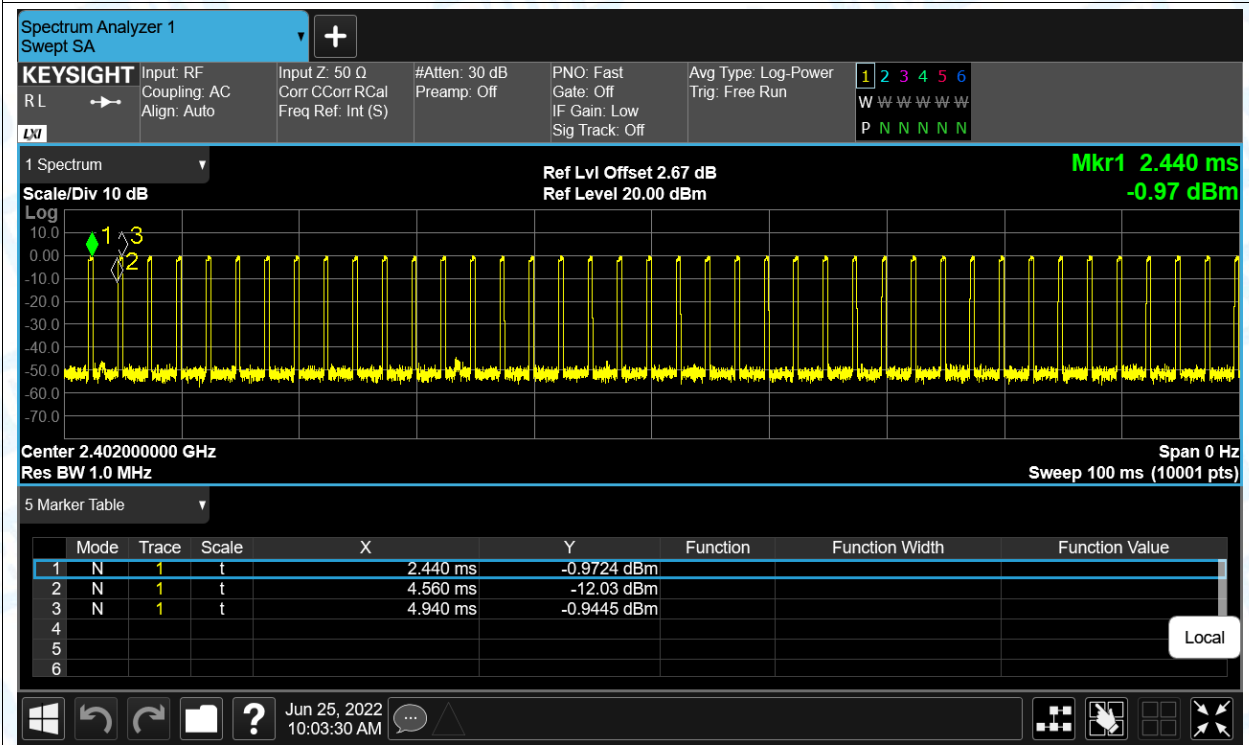
Duty Cycle NVNT 2-DH1 2441MHz Ant1



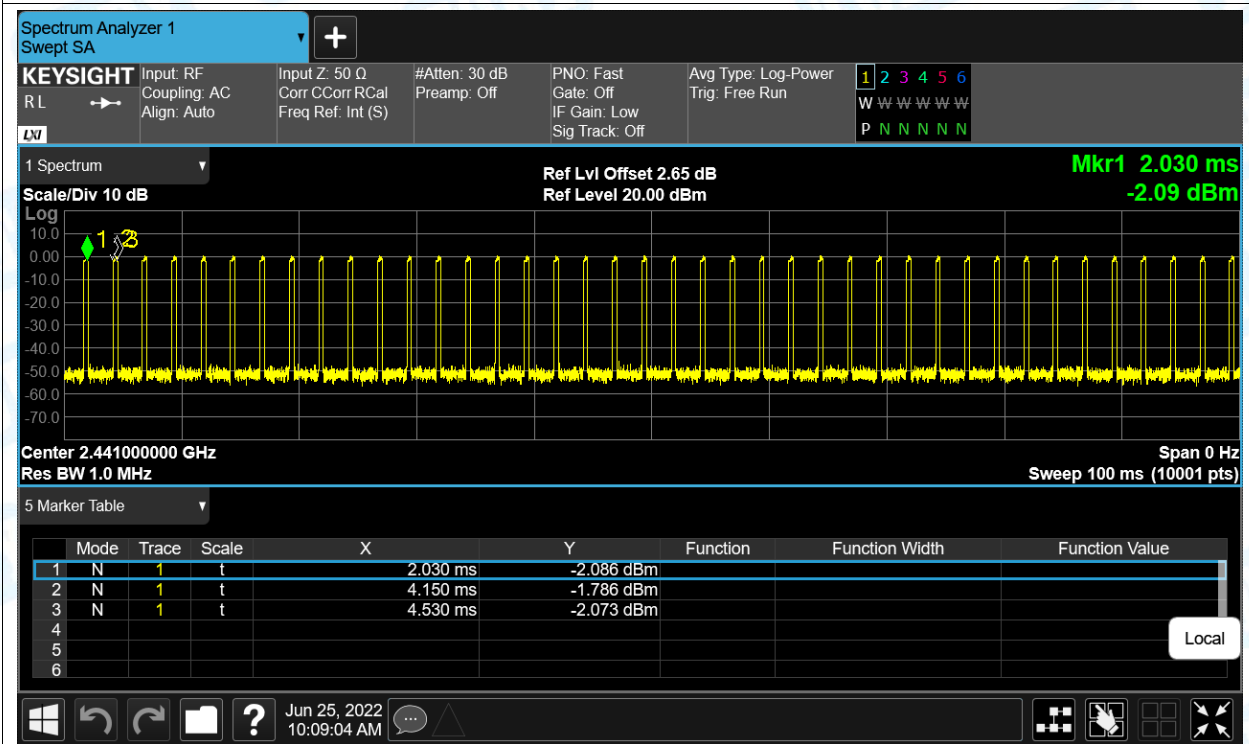
Duty Cycle NVNT 2-DH1 2480MHz Ant1

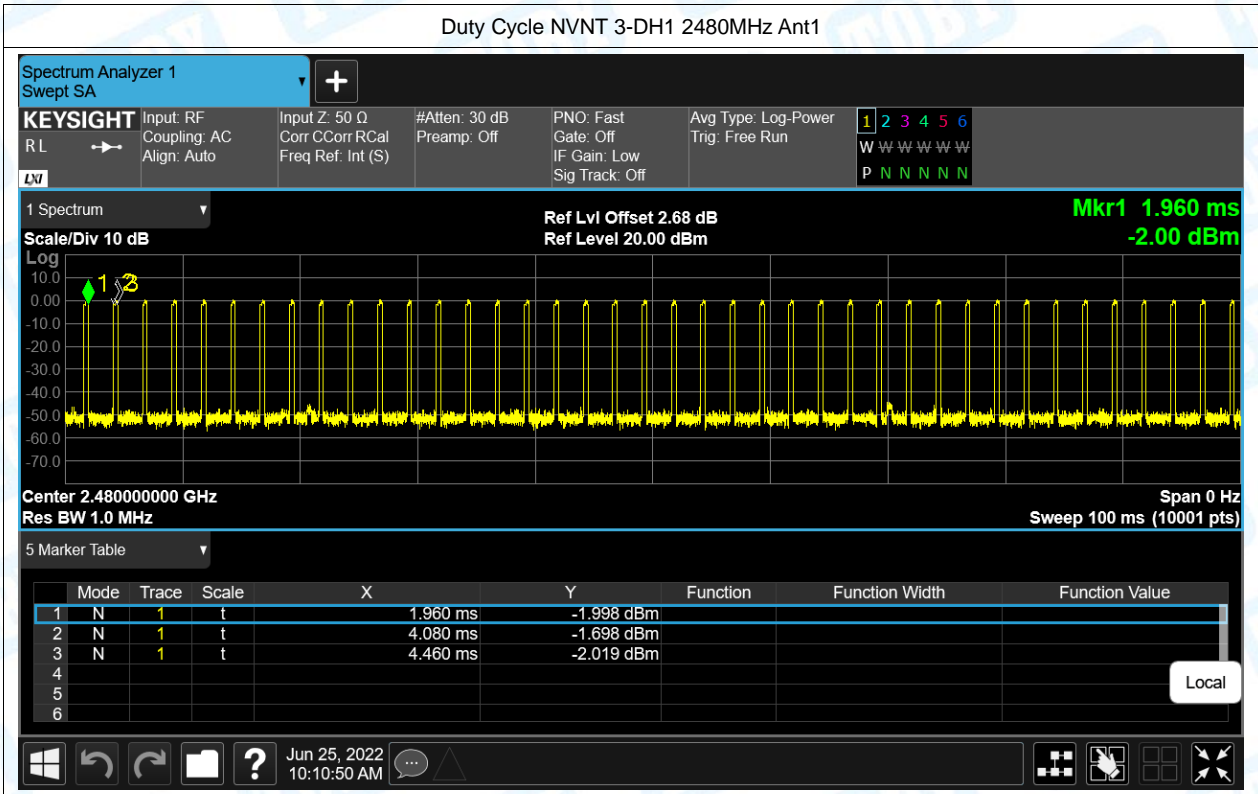


Duty Cycle NVNT 3-DH1 2402MHz Ant1



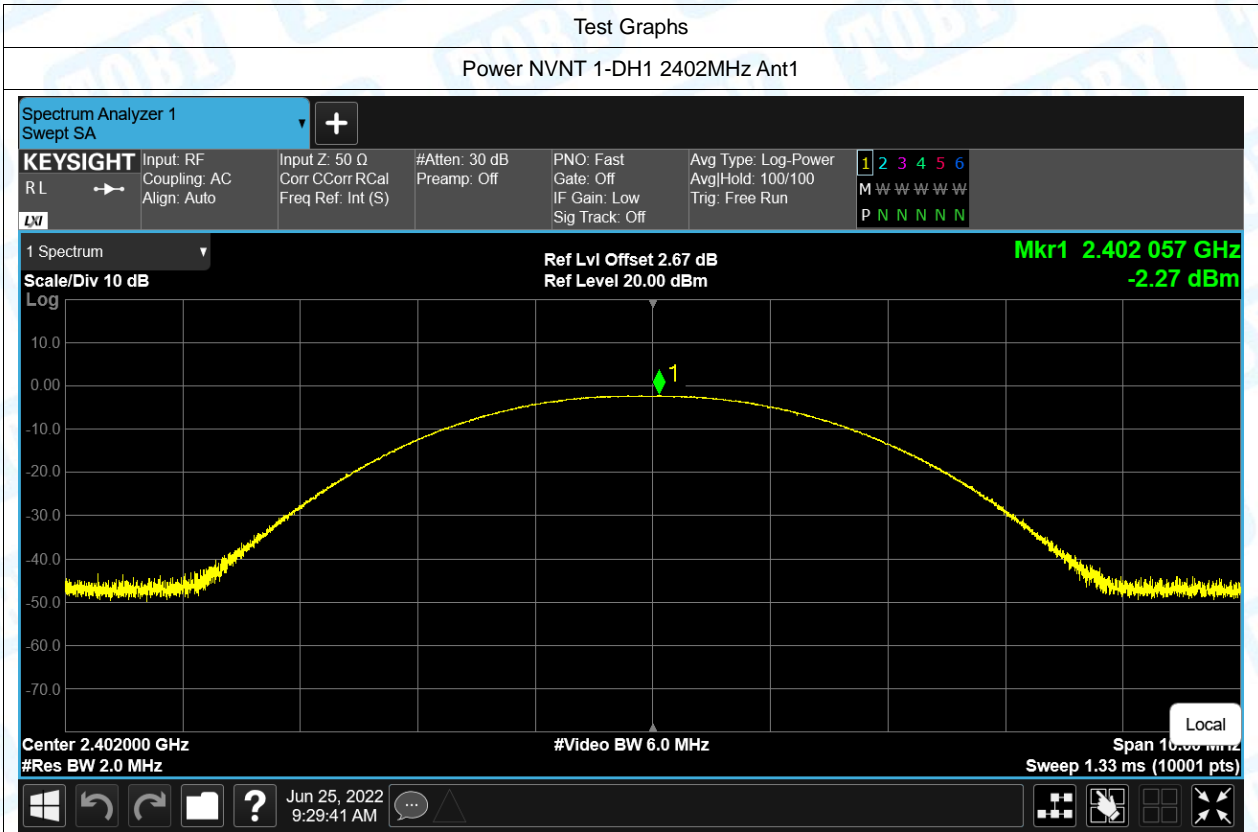
Duty Cycle NVNT 3-DH1 2441MHz Ant1

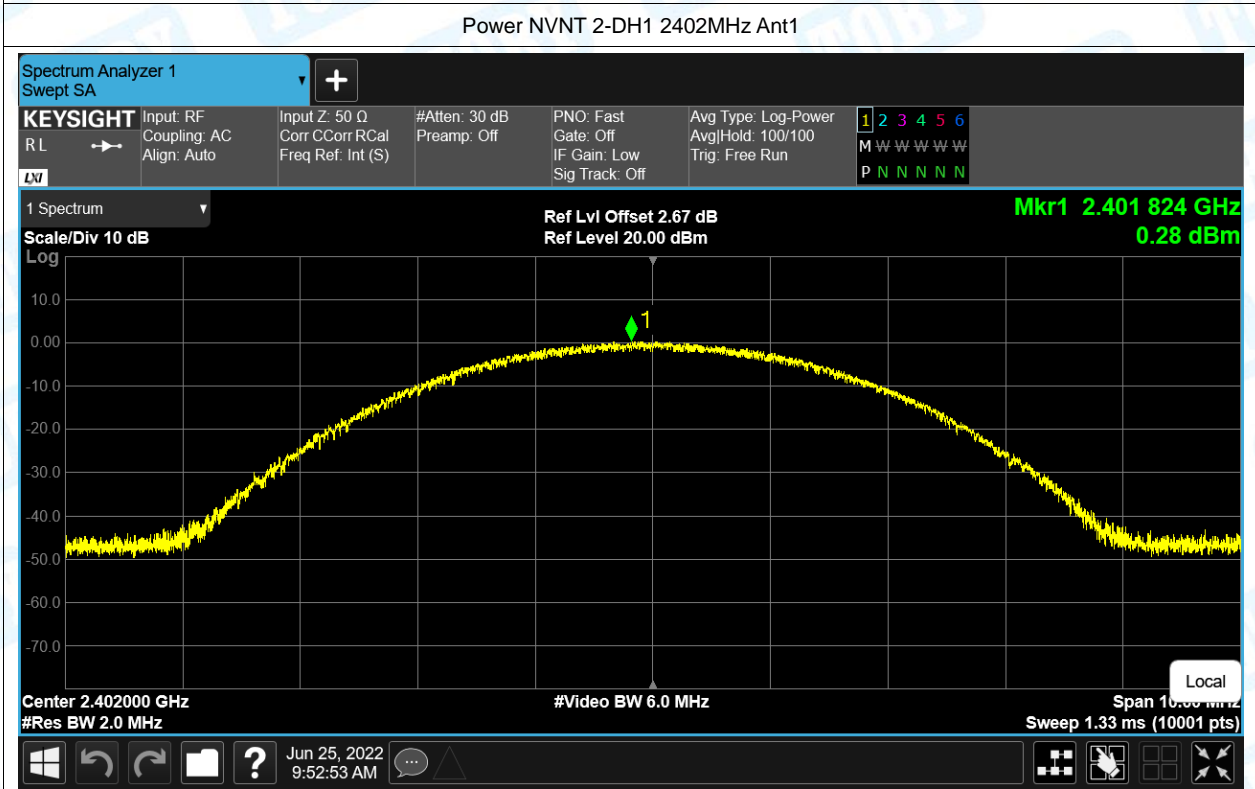


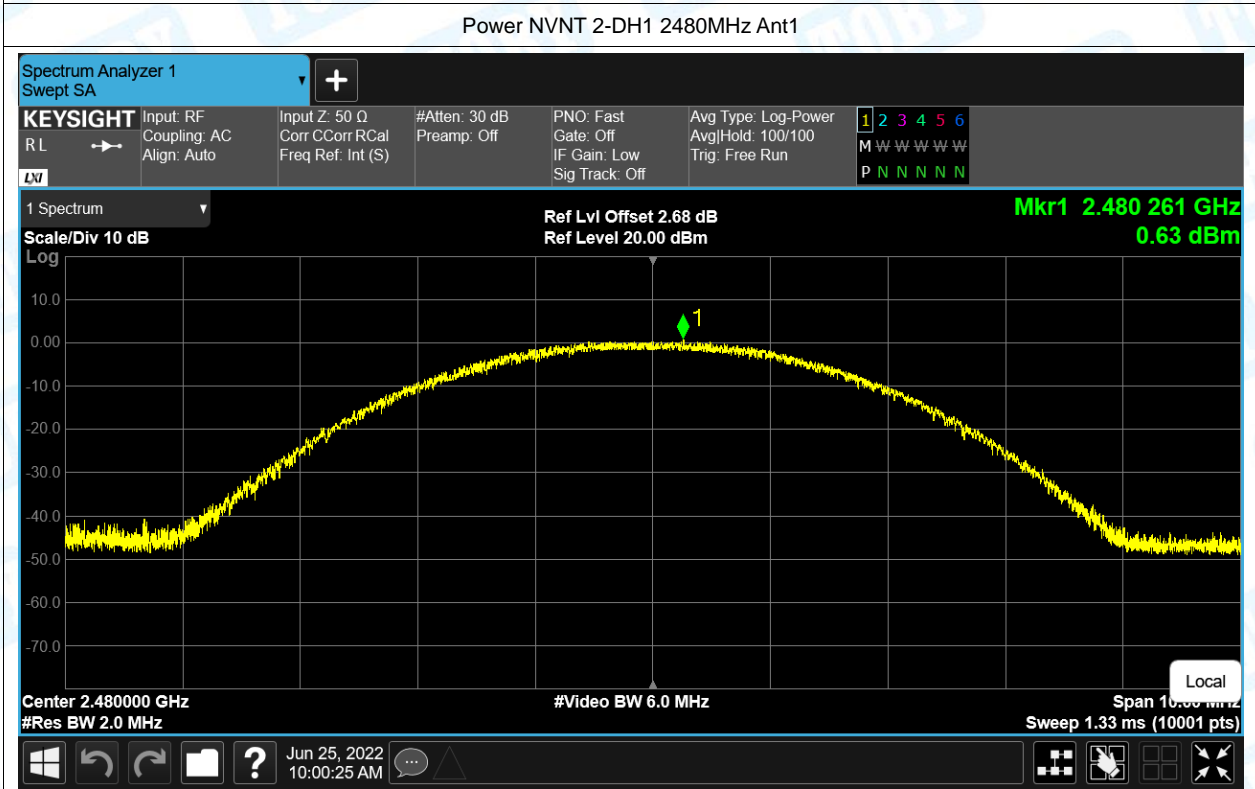


2. Maximum Conducted Output Power

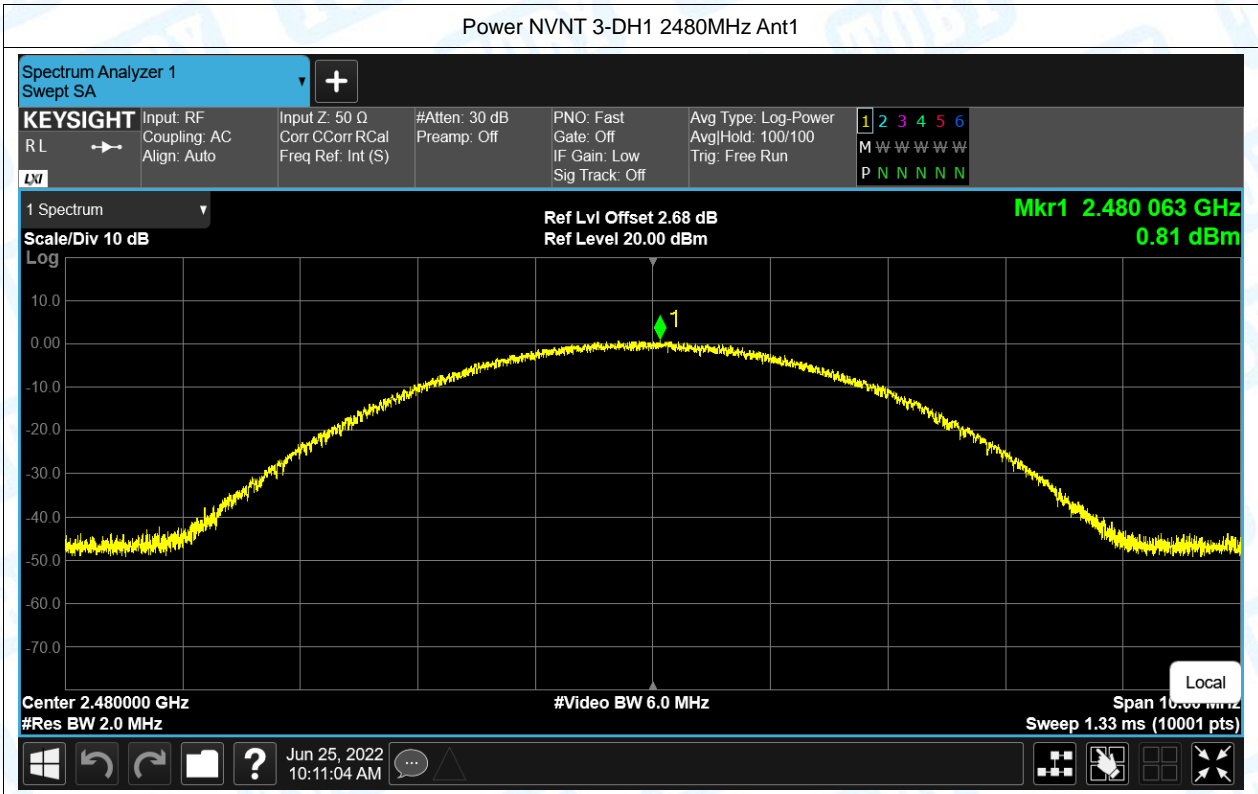
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-2.269	21	Pass
NVNT	1-DH1	2441	Ant1	-1.82	21	Pass
NVNT	1-DH1	2480	Ant1	-1.812	21	Pass
NVNT	2-DH1	2402	Ant1	0.281	21	Pass
NVNT	2-DH1	2441	Ant1	0.679	21	Pass
NVNT	2-DH1	2480	Ant1	0.63	21	Pass
NVNT	3-DH1	2402	Ant1	0.44	21	Pass
NVNT	3-DH1	2441	Ant1	0.98	21	Pass
NVNT	3-DH1	2480	Ant1	0.806	21	Pass









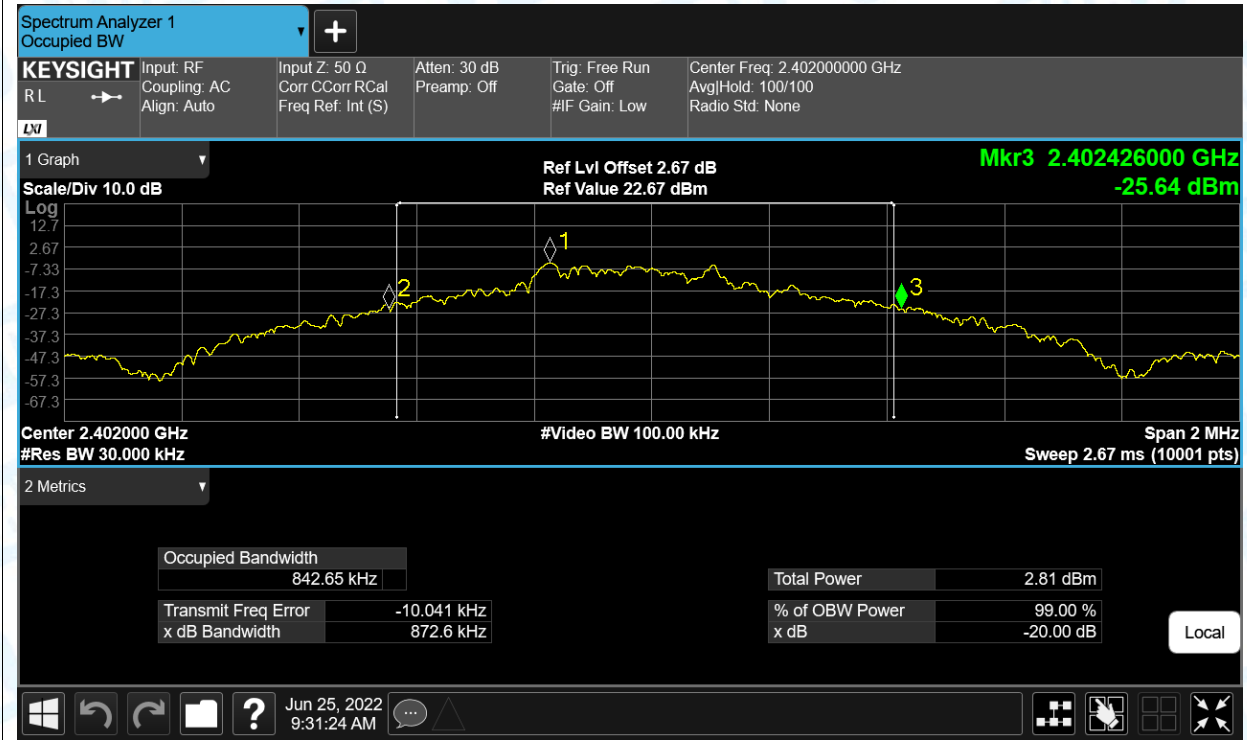


3. -20dB Bandwidth

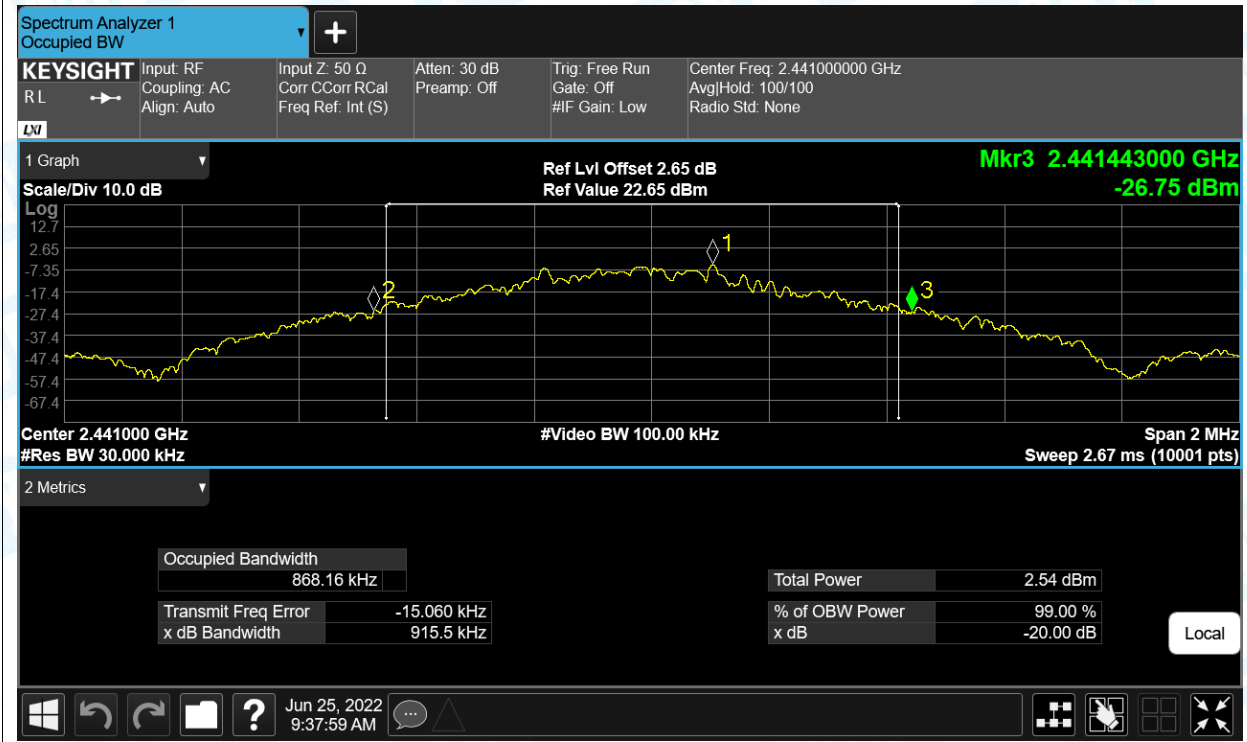
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.87	0	Pass
NVNT	1-DH1	2441	Ant1	0.92	0	Pass
NVNT	1-DH1	2480	Ant1	0.9	0	Pass
NVNT	2-DH1	2402	Ant1	1.22	0	Pass
NVNT	2-DH1	2441	Ant1	1.25	0	Pass
NVNT	2-DH1	2480	Ant1	1.3	0	Pass
NVNT	3-DH1	2402	Ant1	1.27	0	Pass
NVNT	3-DH1	2441	Ant1	1.25	0	Pass
NVNT	3-DH1	2480	Ant1	1.25	0	Pass

Test Graphs

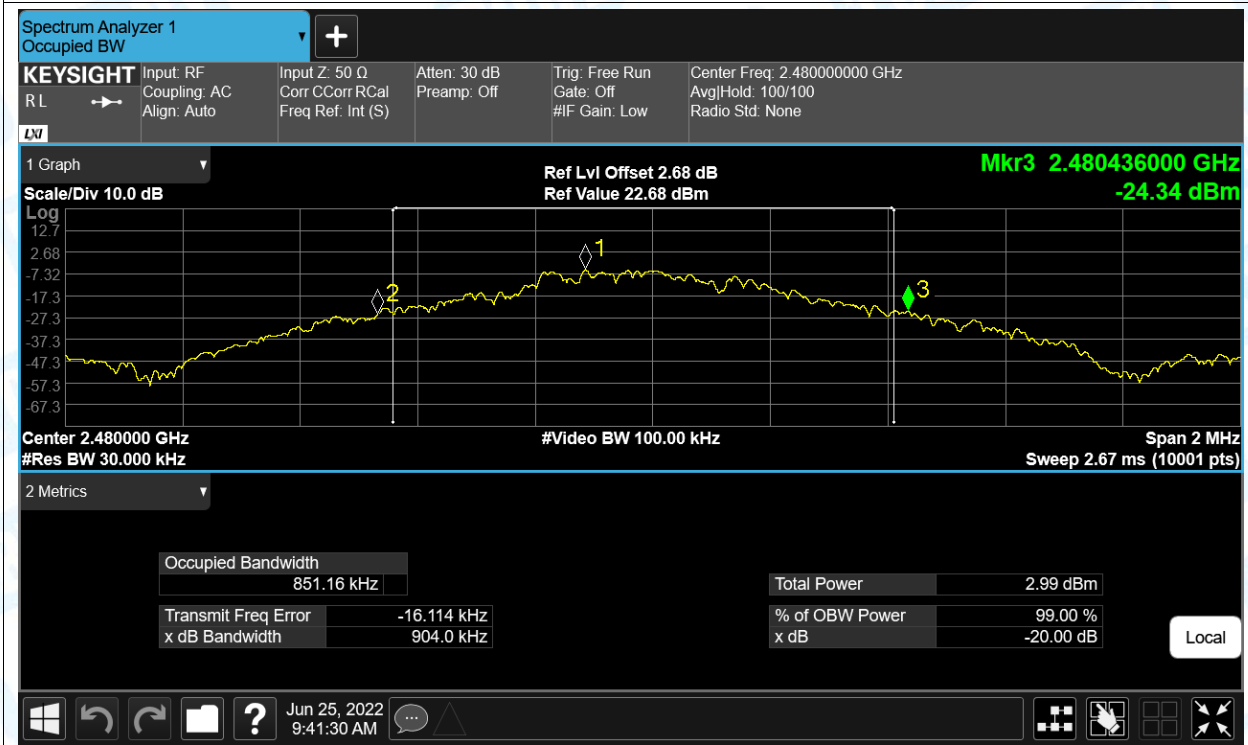
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



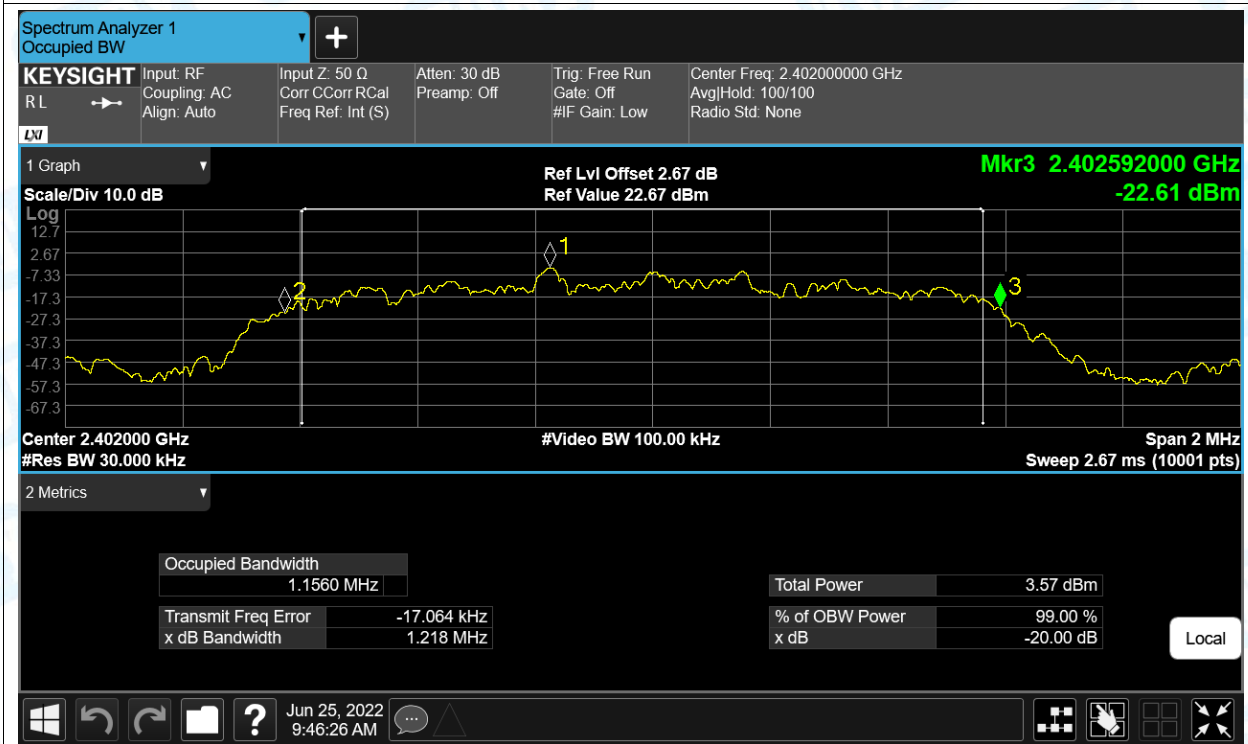
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



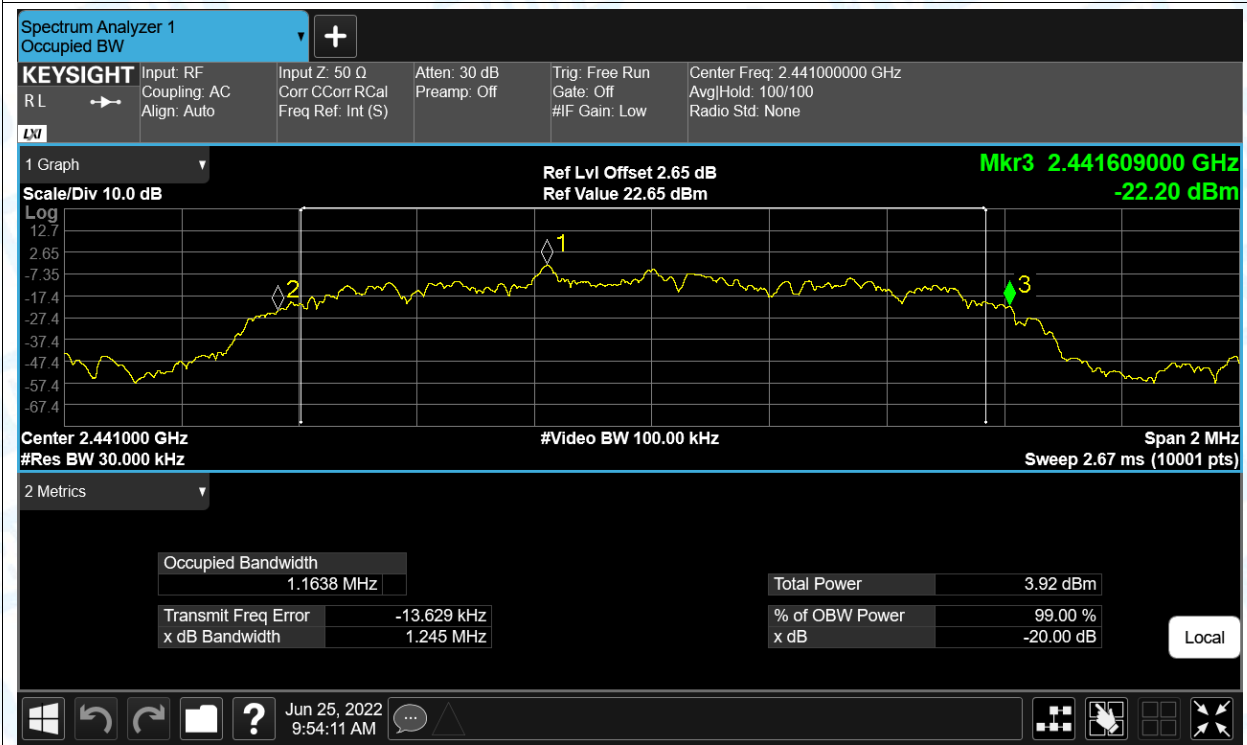
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



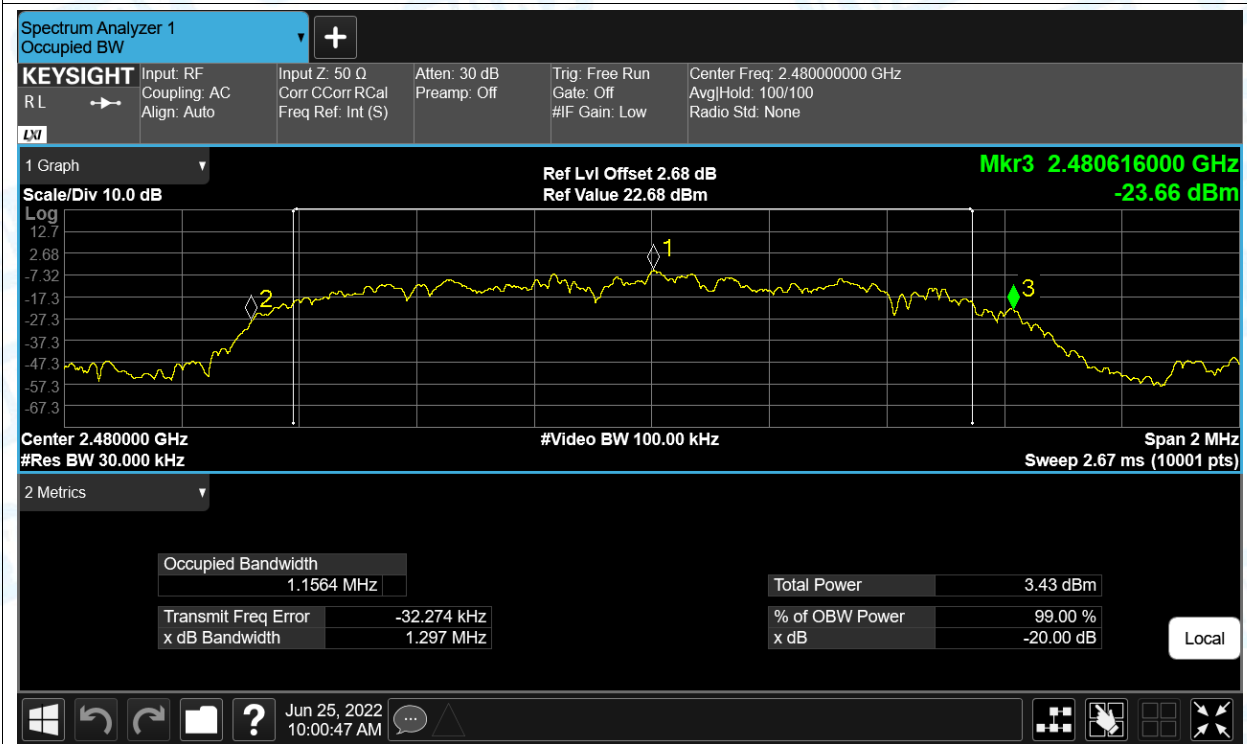
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



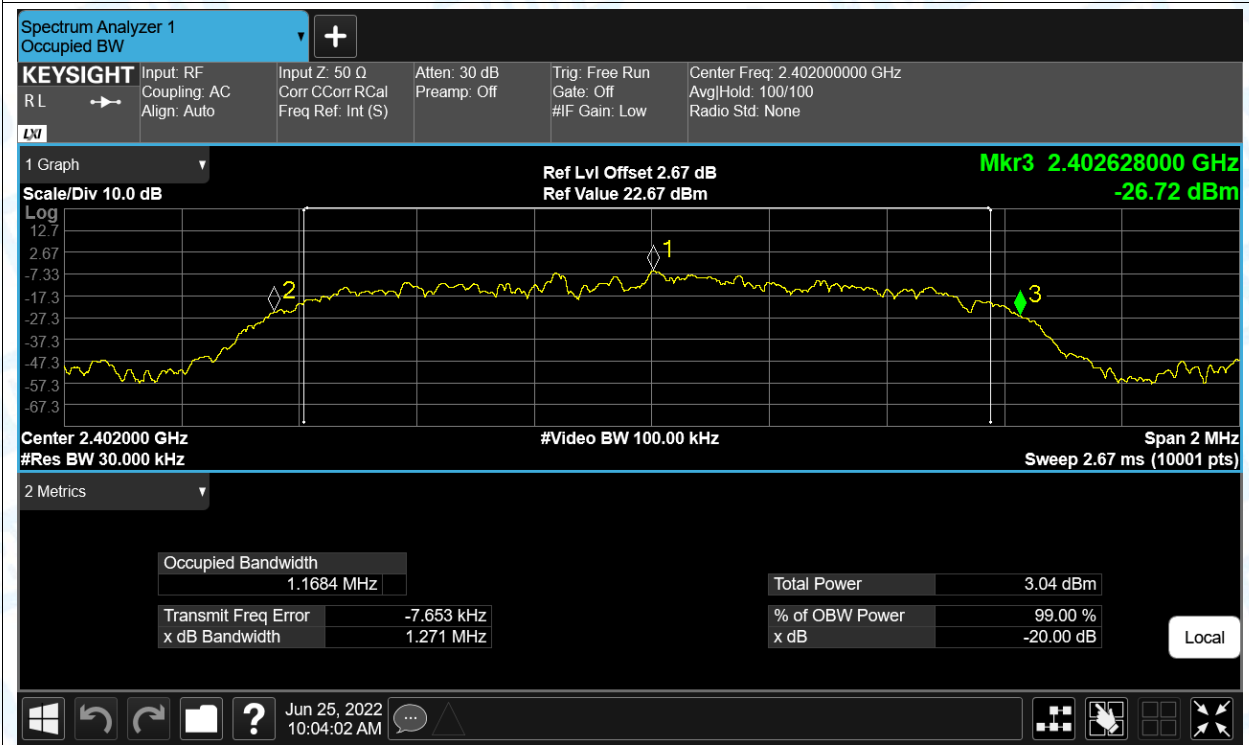
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



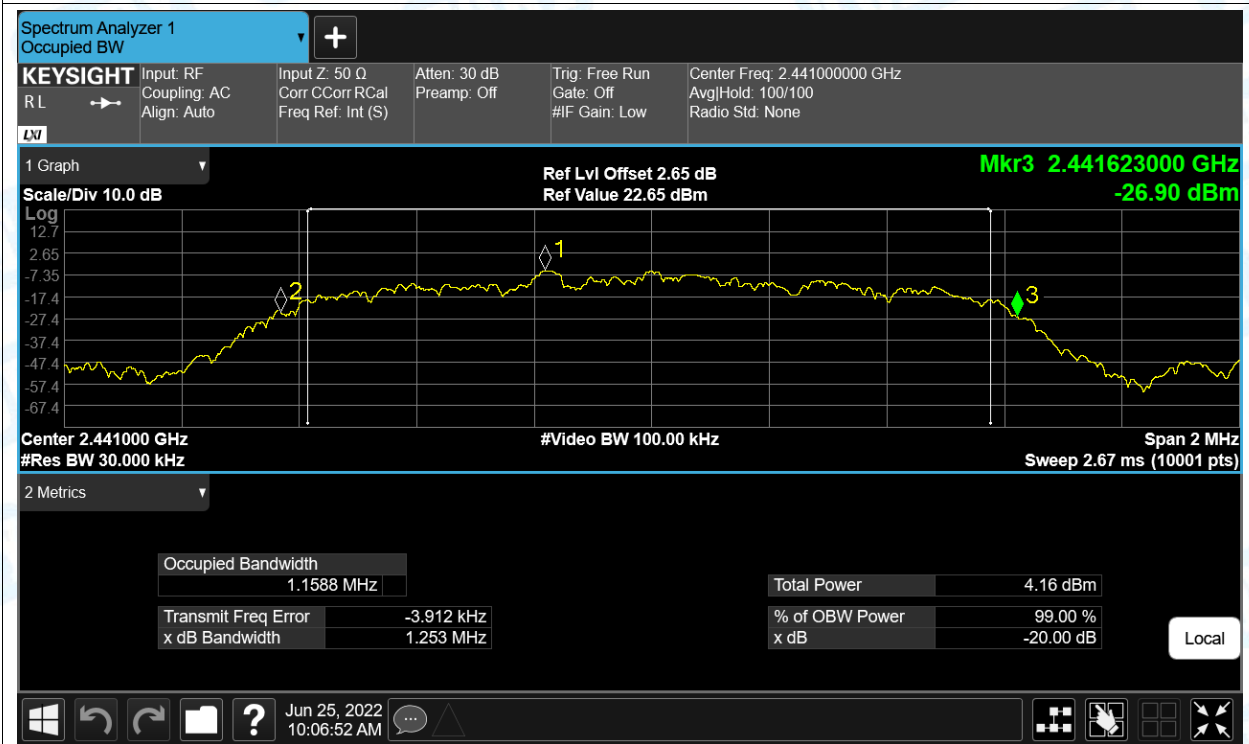
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1

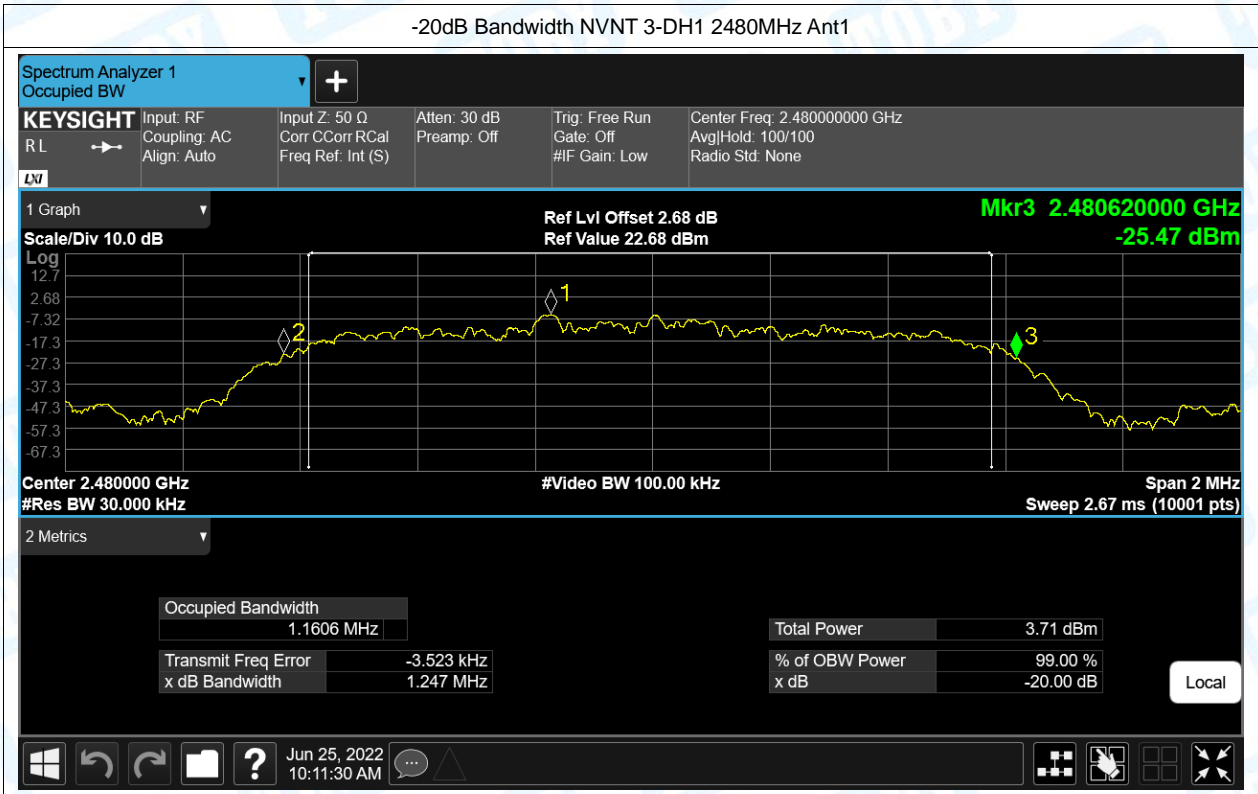


-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



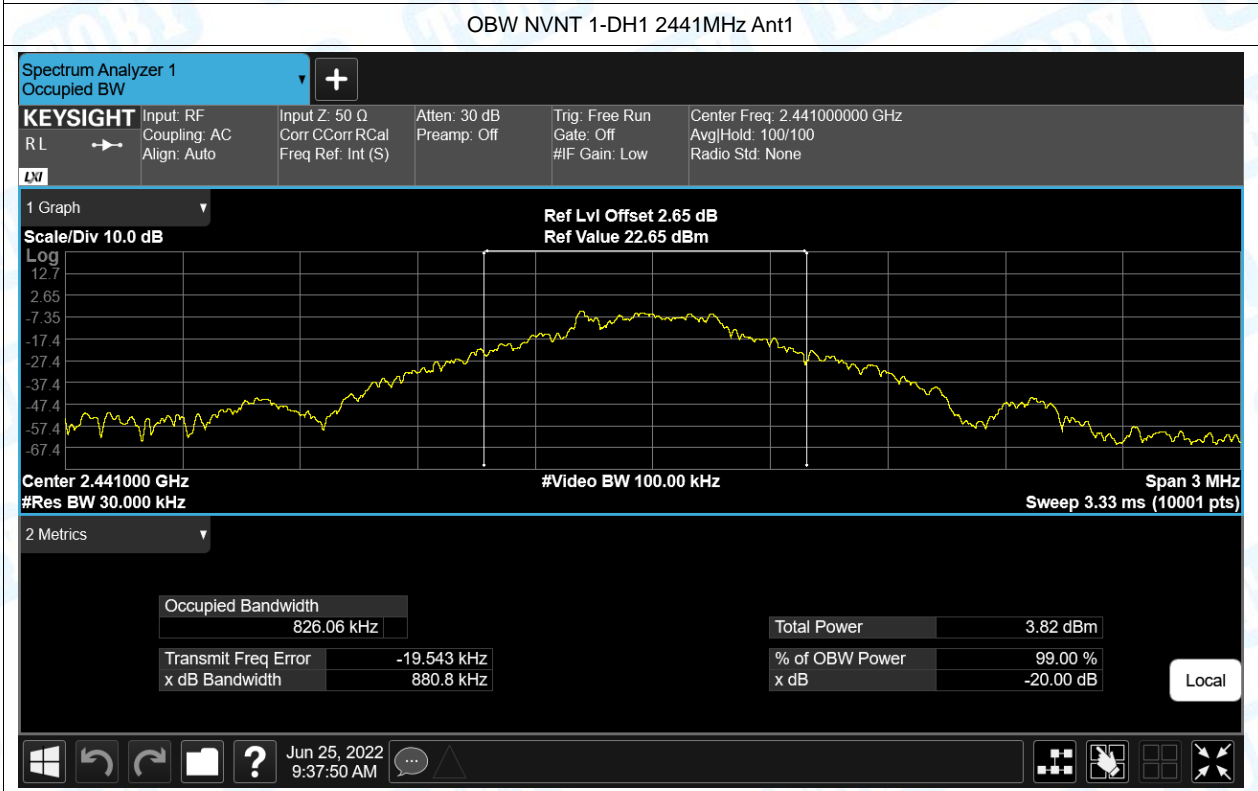
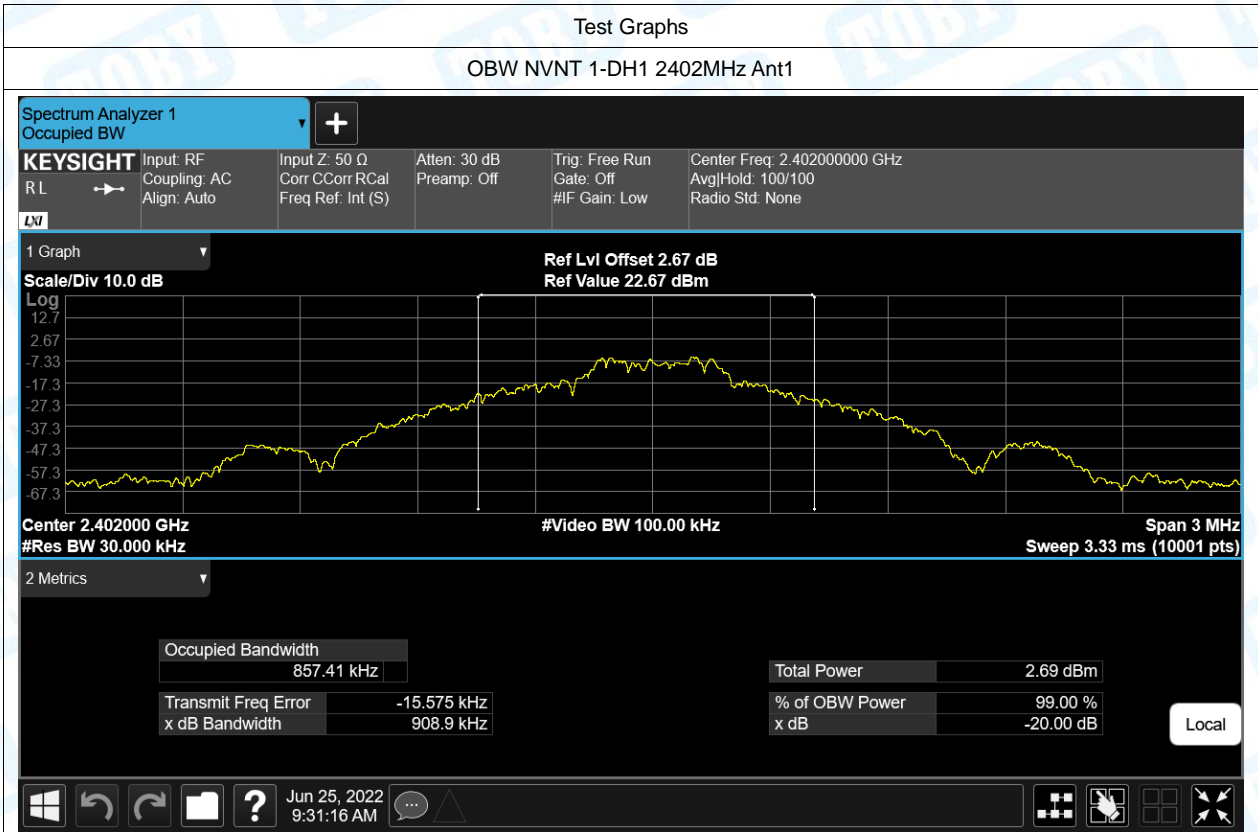
-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



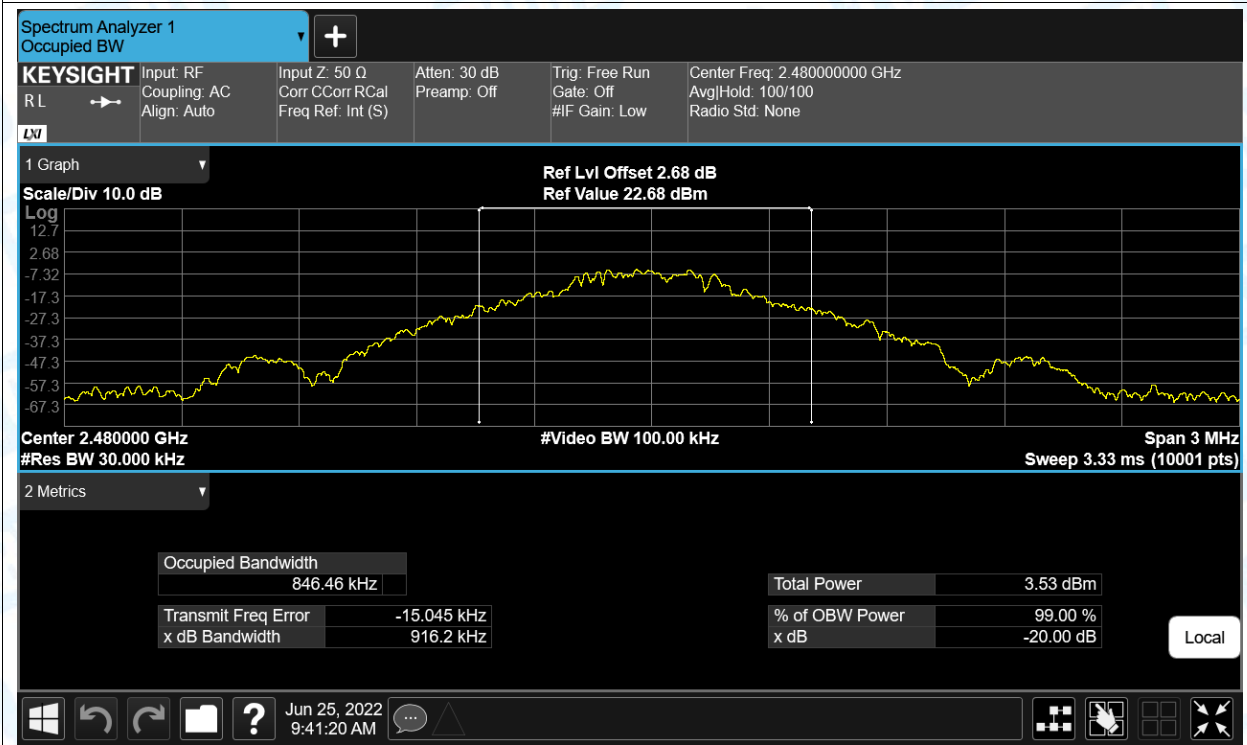


4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.857
NVNT	1-DH1	2441	Ant1	0.826
NVNT	1-DH1	2480	Ant1	0.846
NVNT	2-DH1	2402	Ant1	1.163
NVNT	2-DH1	2441	Ant1	1.163
NVNT	2-DH1	2480	Ant1	1.169
NVNT	3-DH1	2402	Ant1	1.147
NVNT	3-DH1	2441	Ant1	1.138
NVNT	3-DH1	2480	Ant1	1.148

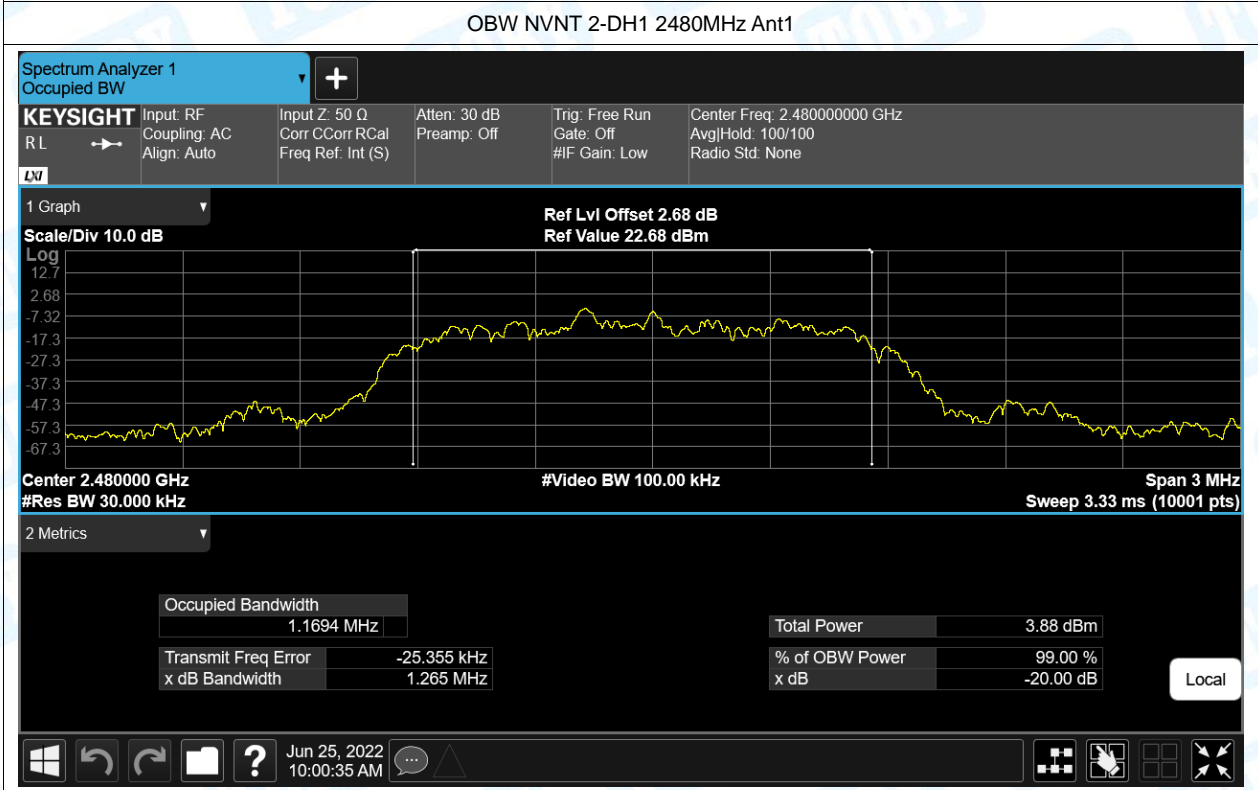
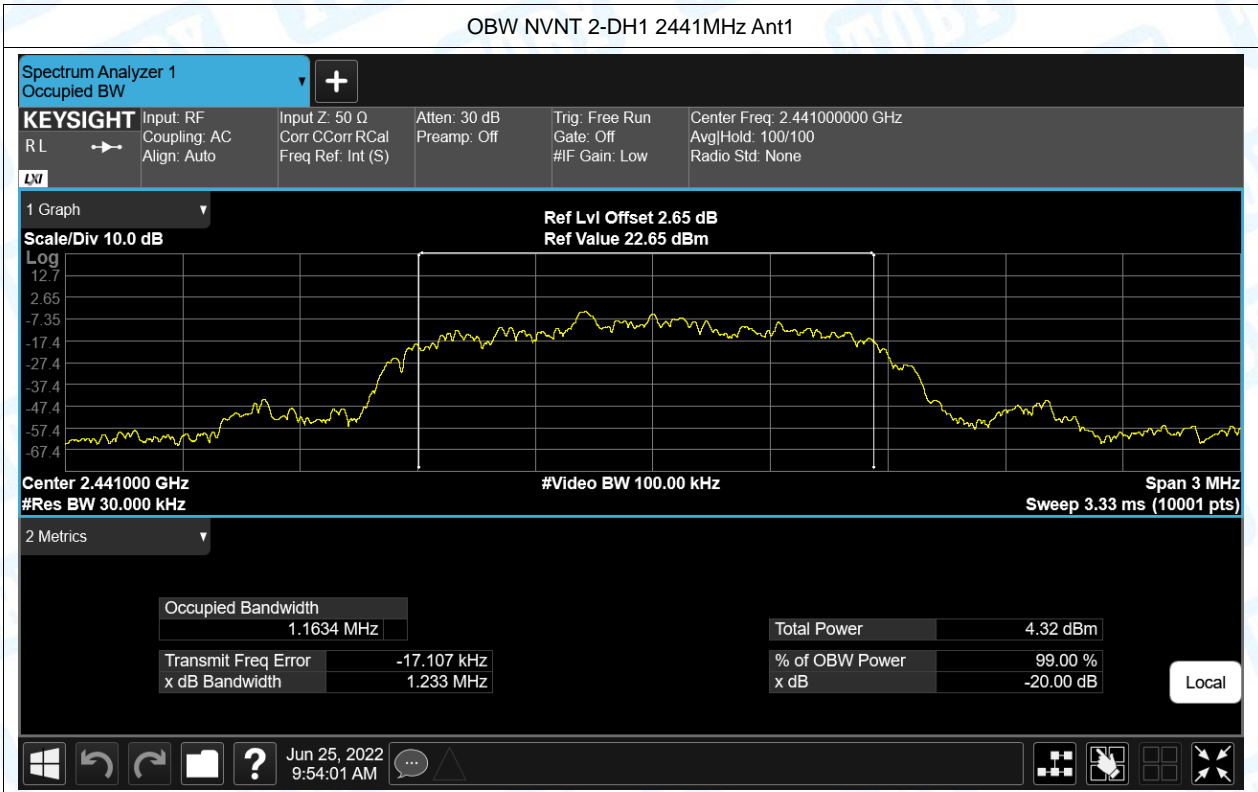


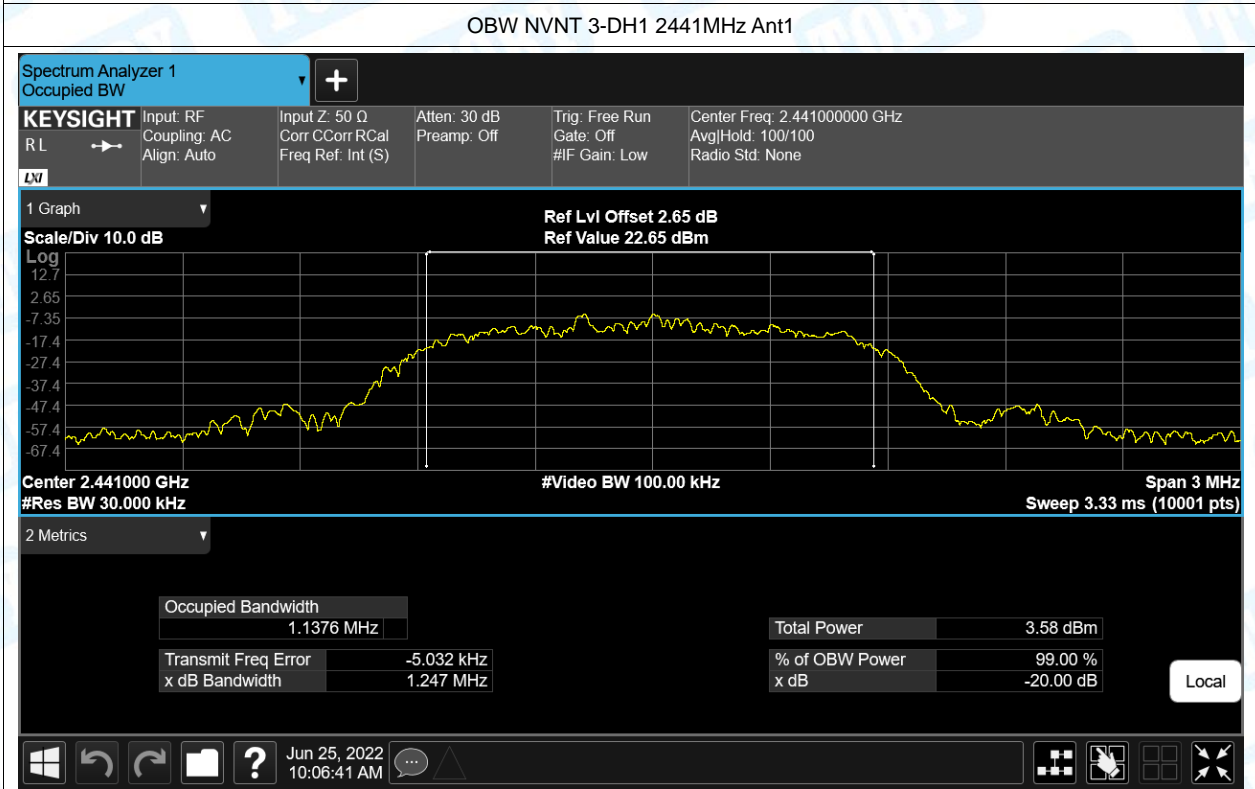
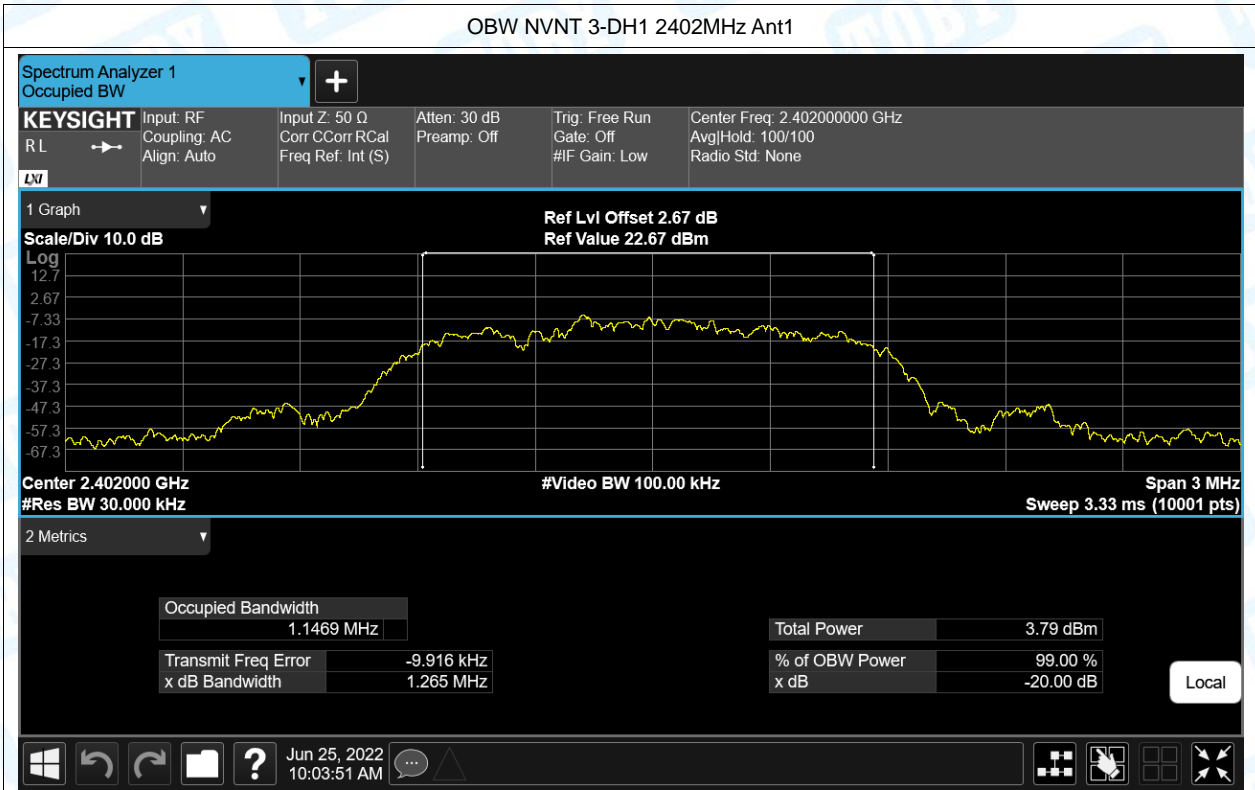
OBW NVNT 1-DH1 2480MHz Ant1

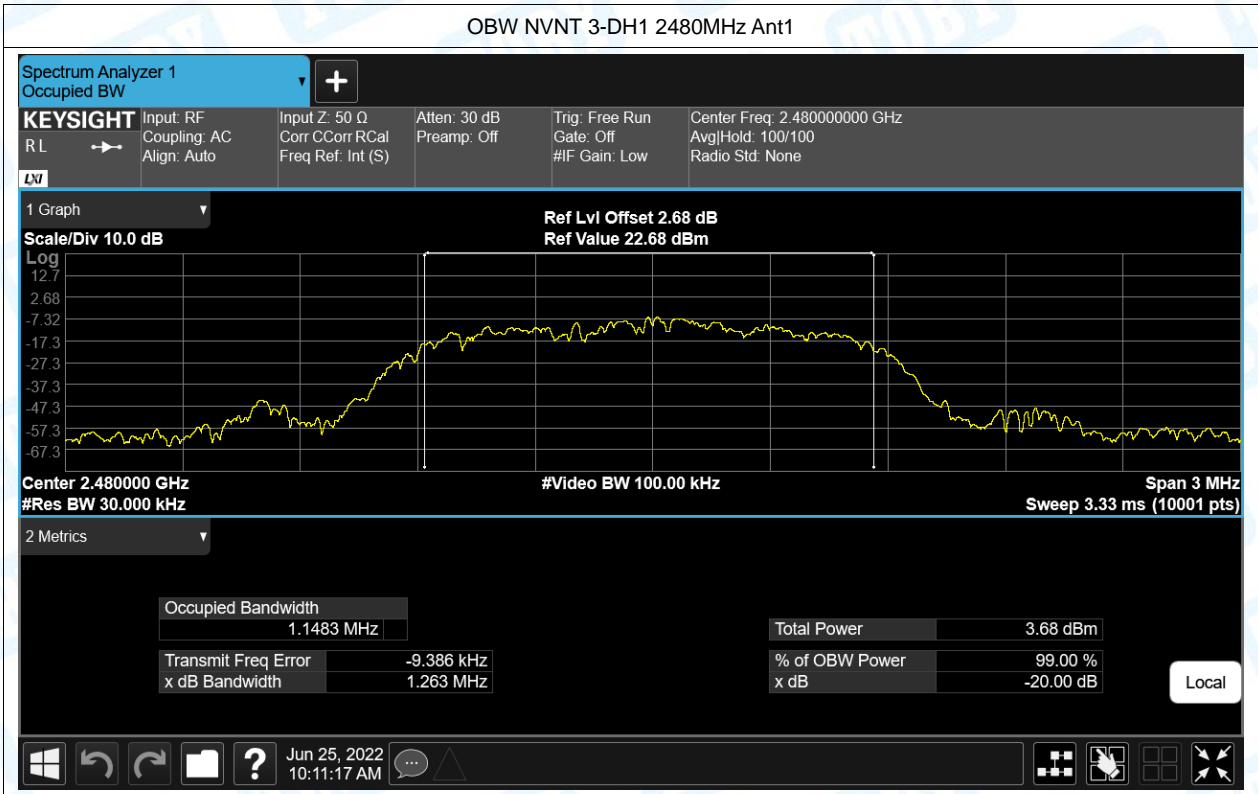


OBW NVNT 2-DH1 2402MHz Ant1







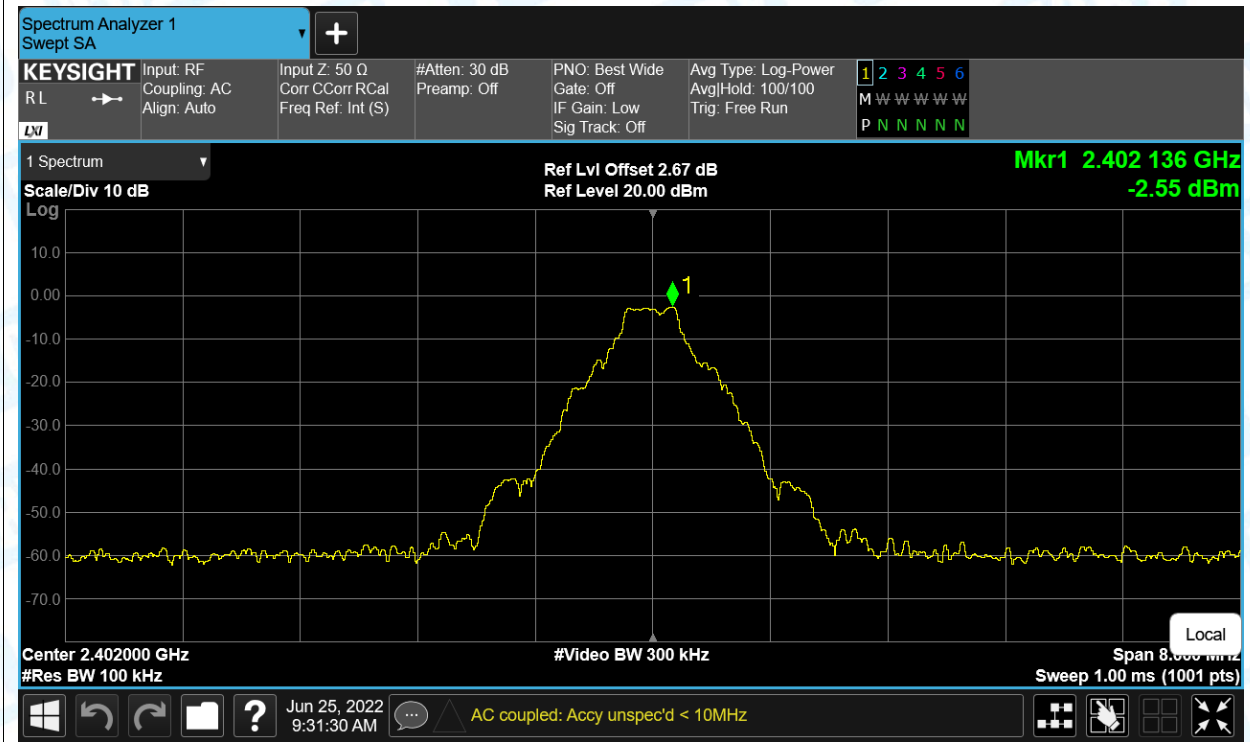


5. Band Edge

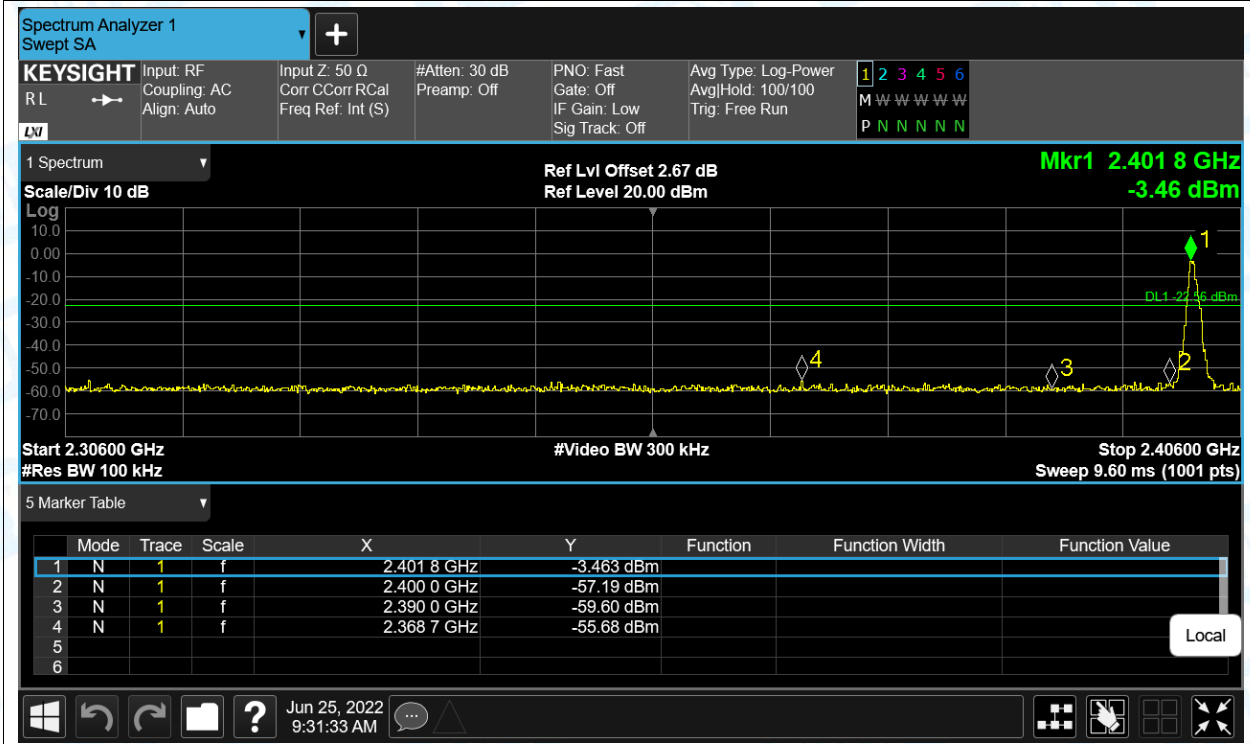
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-53.13	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-53.59	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-53.58	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-54.18	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-52.3	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-52.69	-20	Pass

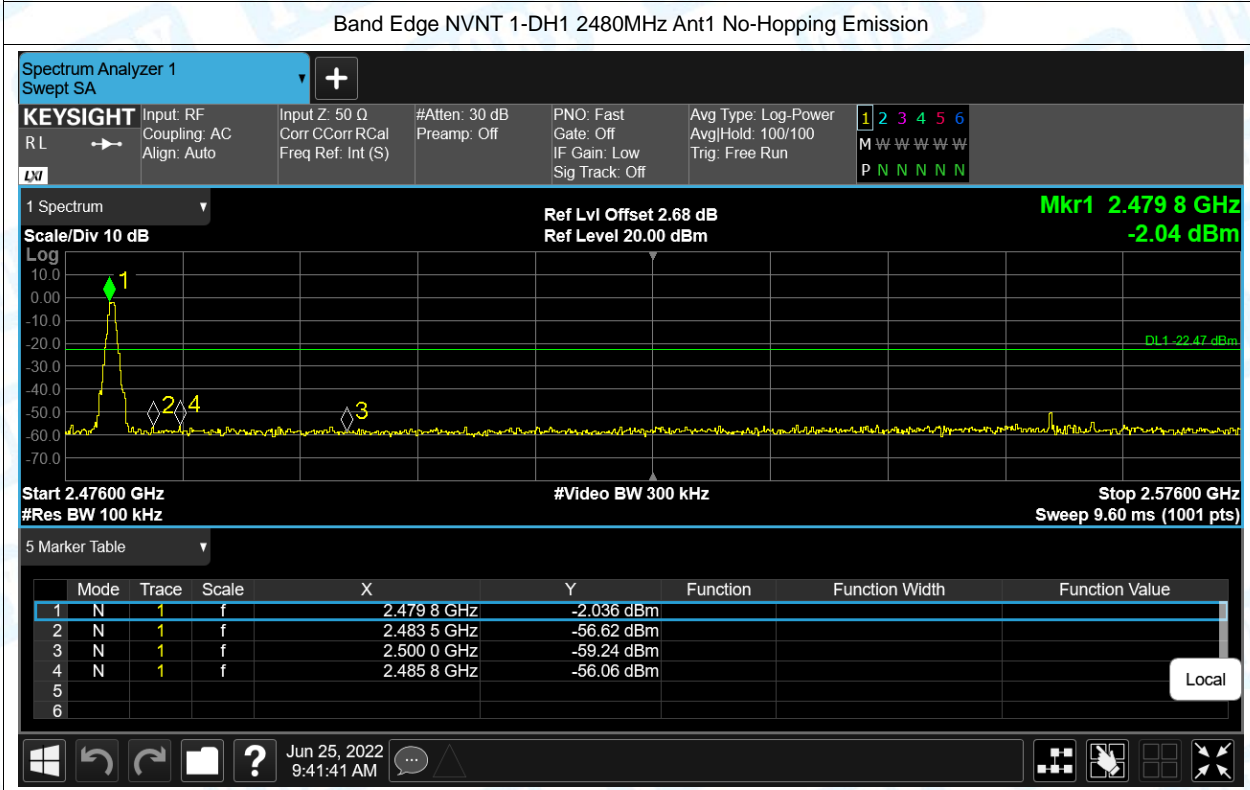
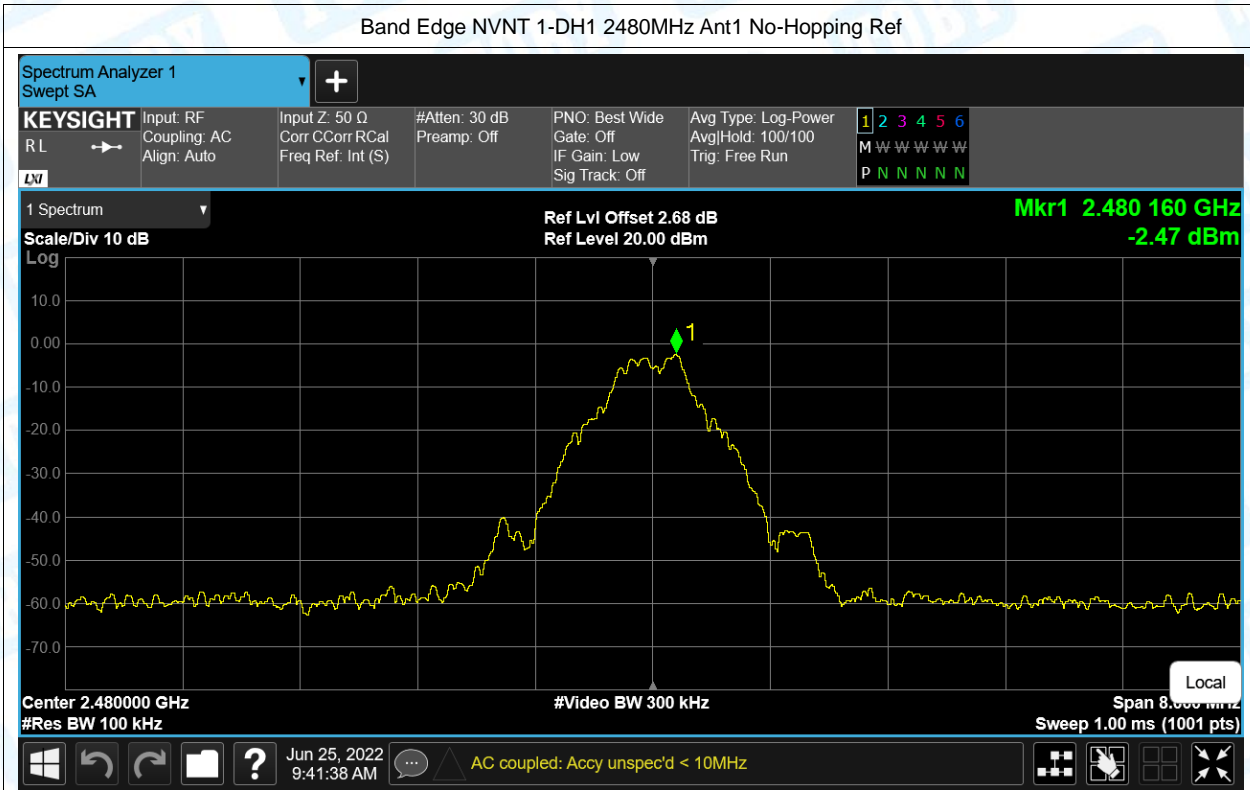
Test Graphs

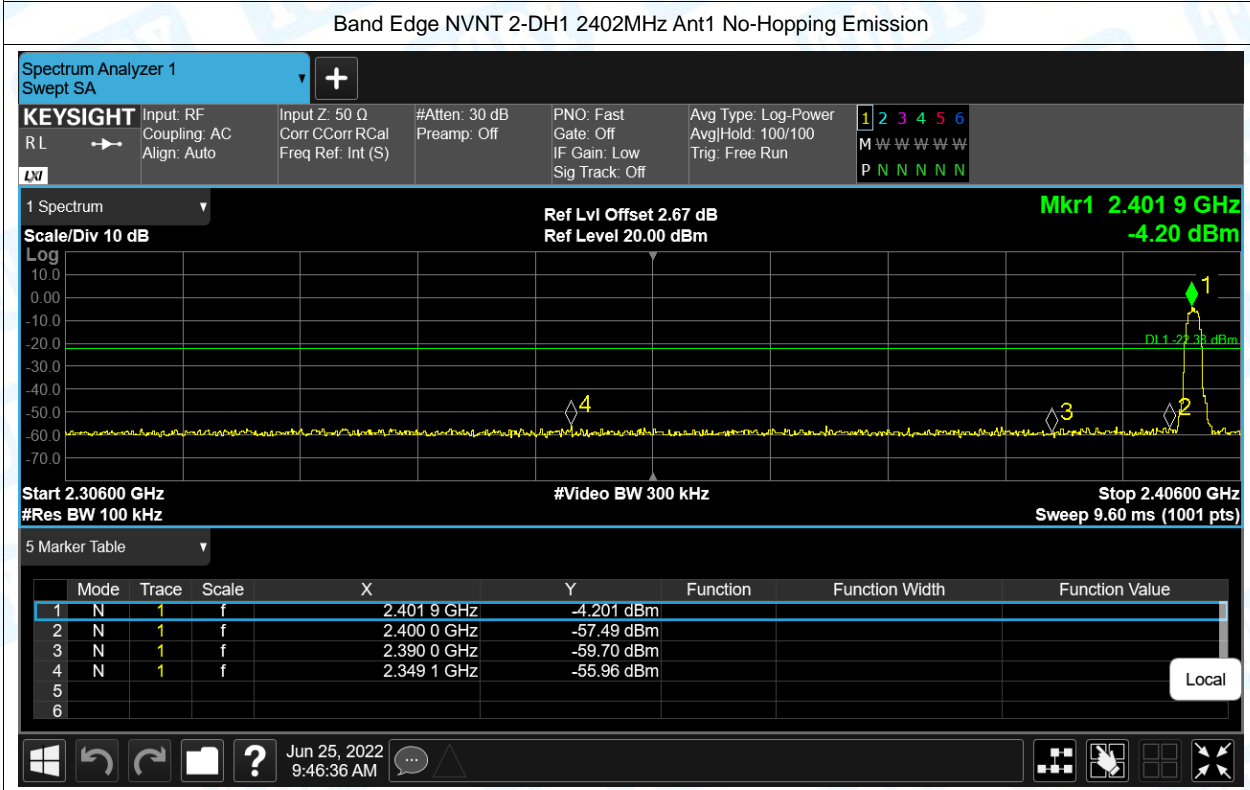
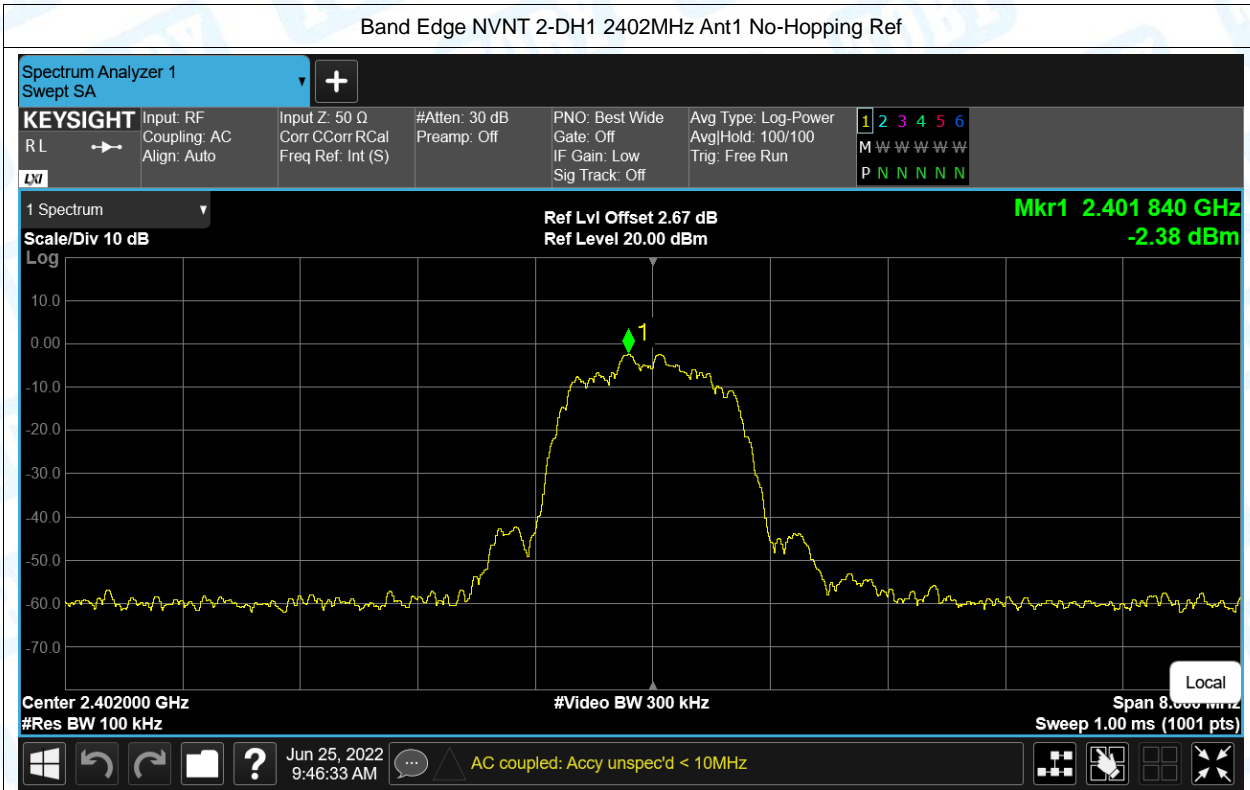
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

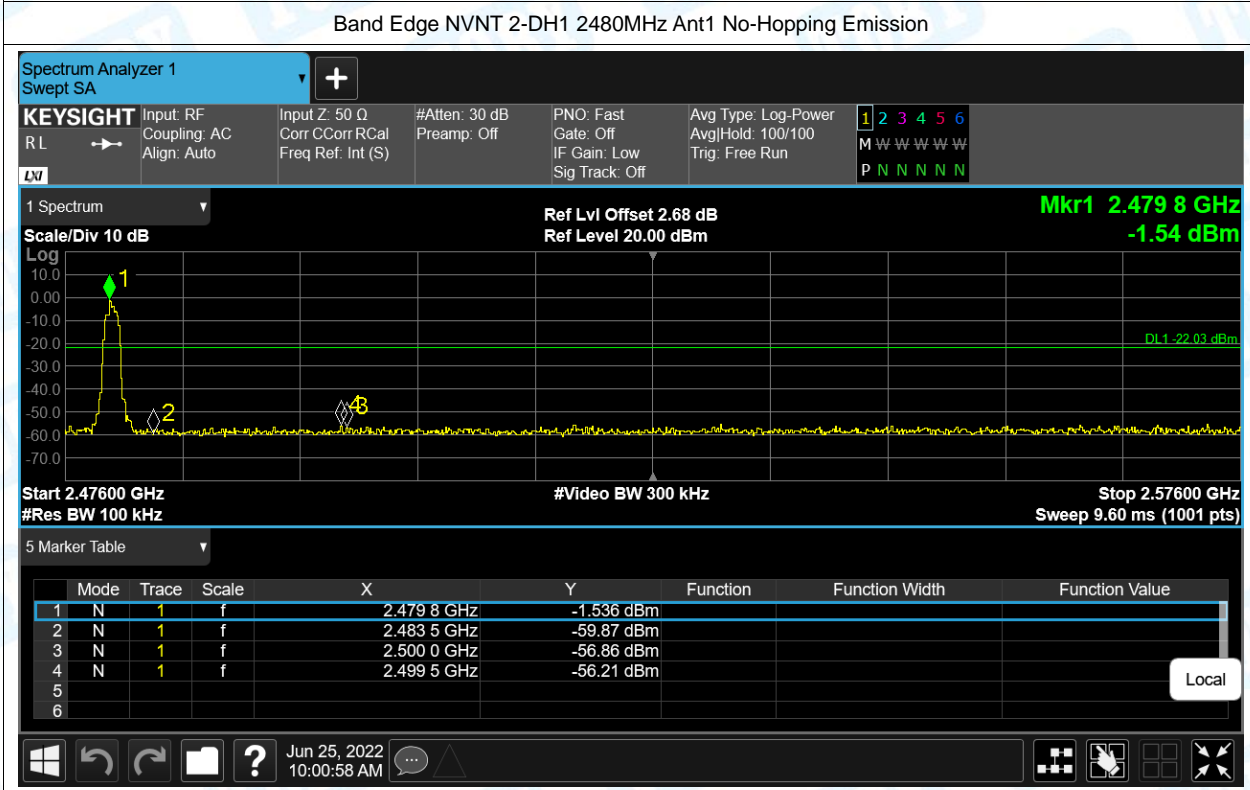
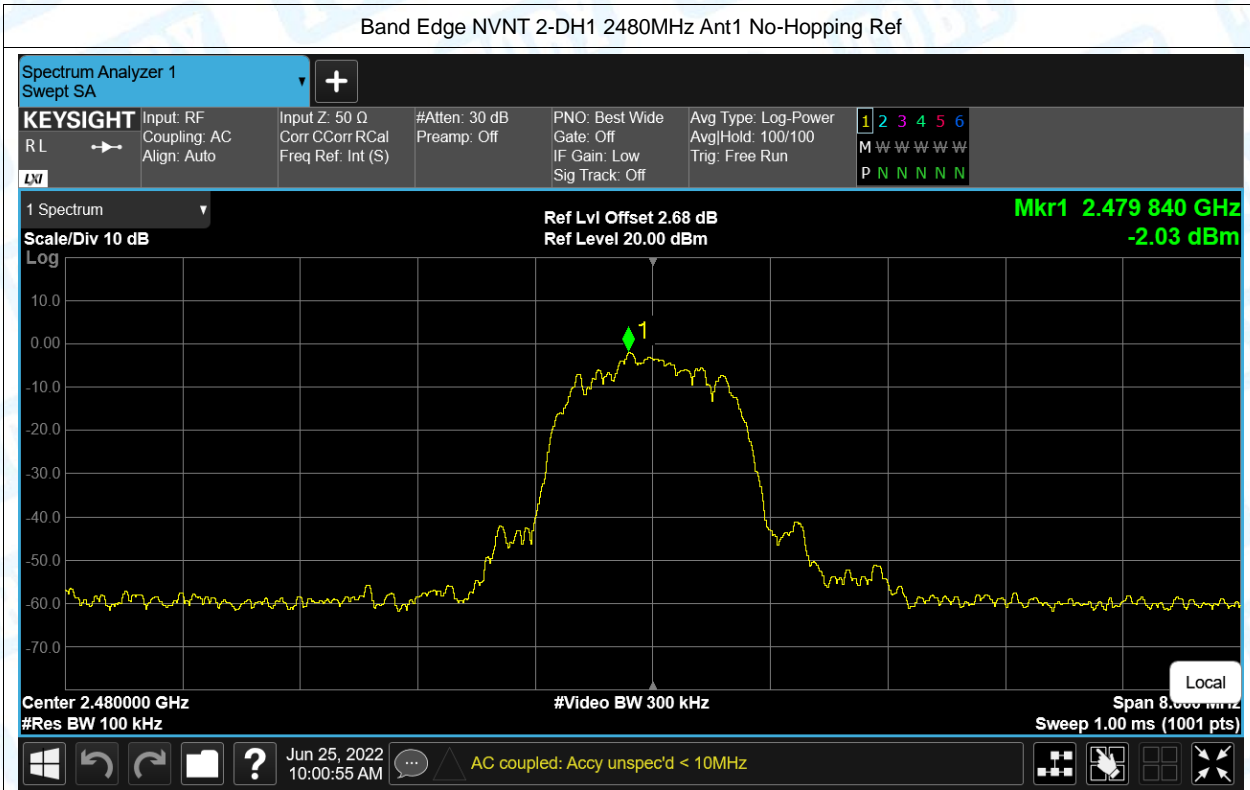


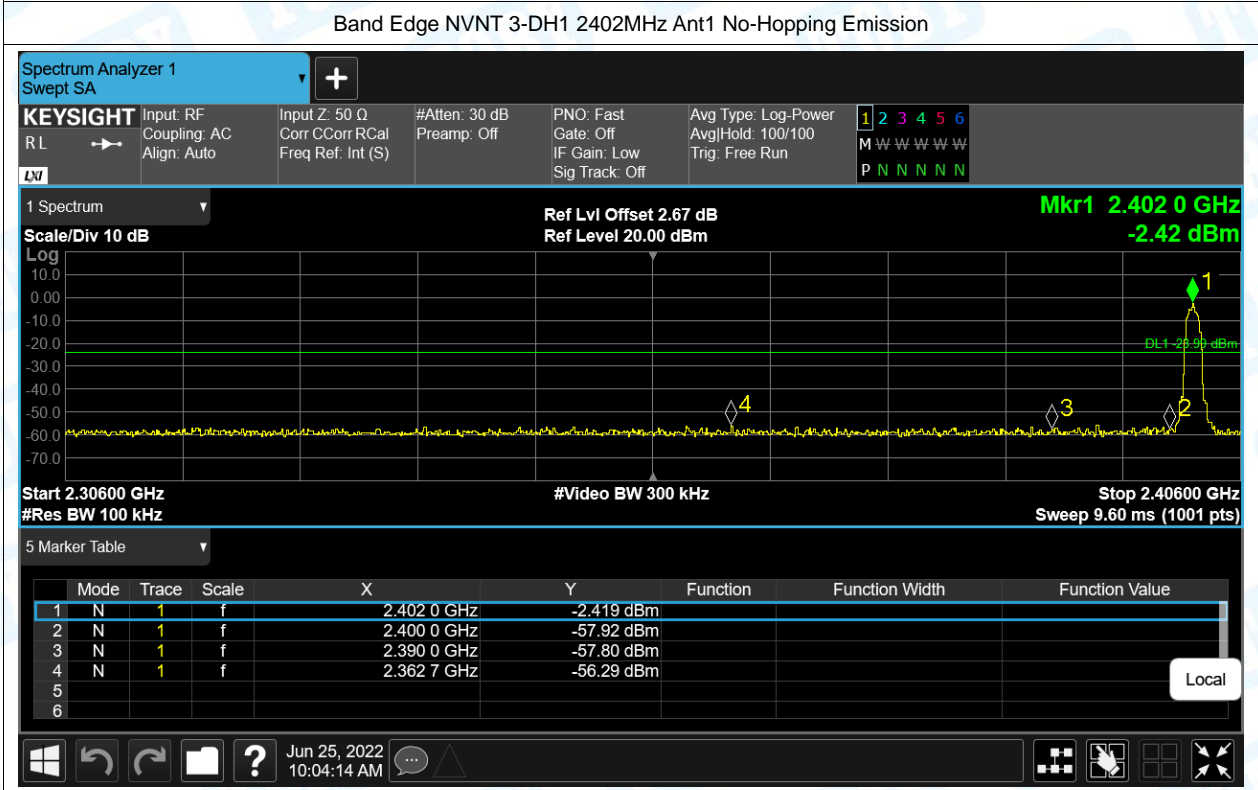
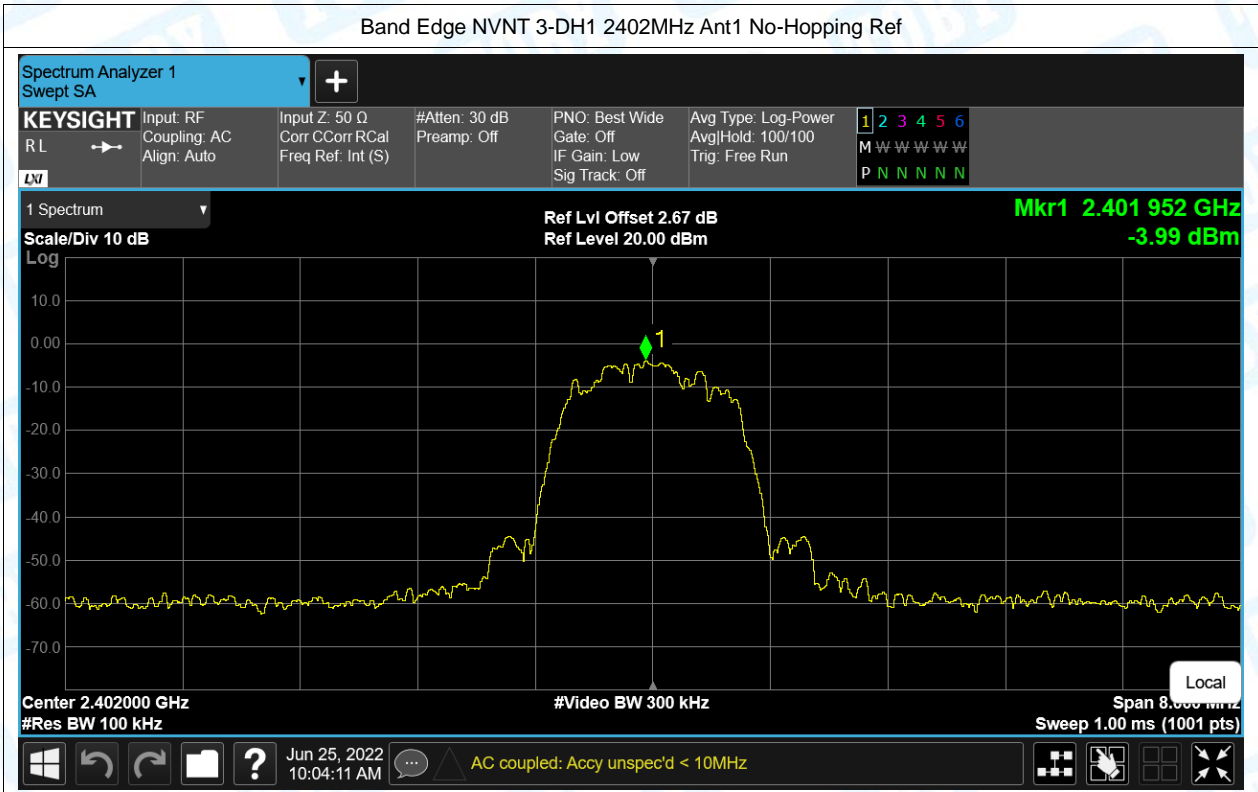
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission

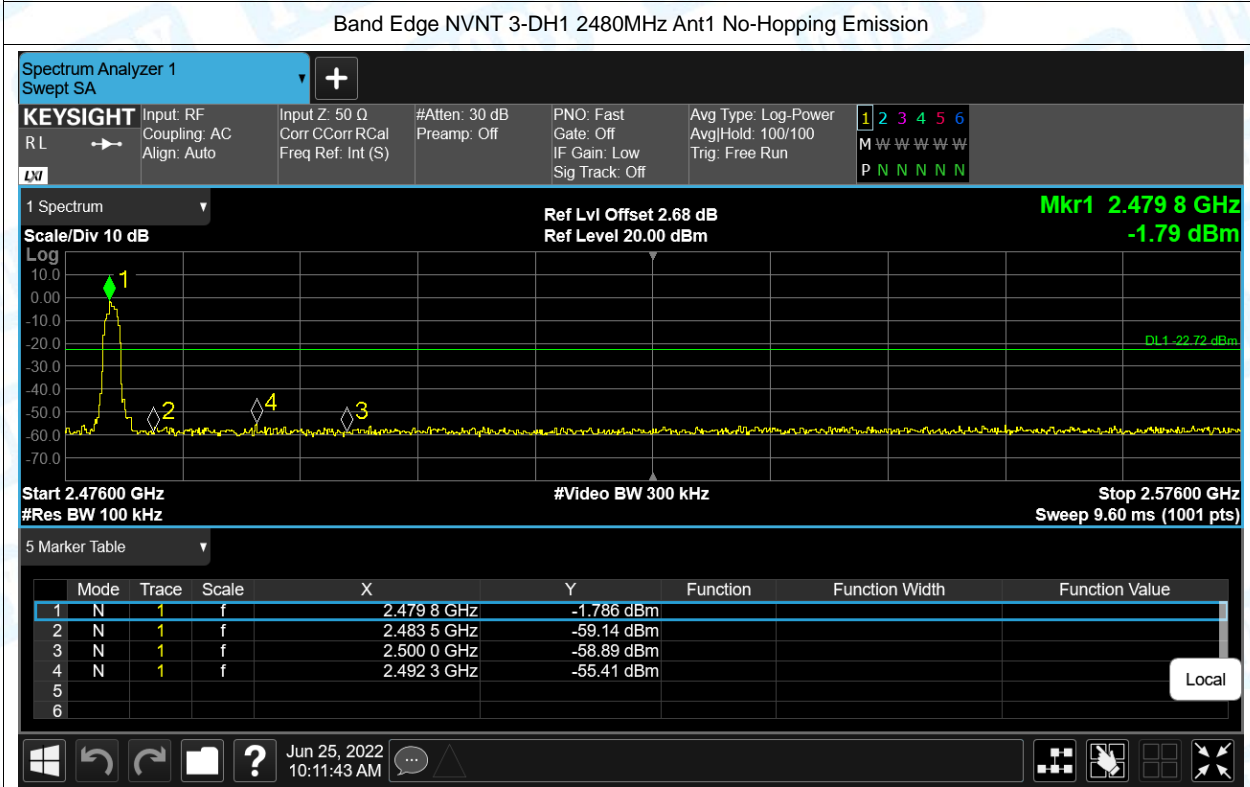
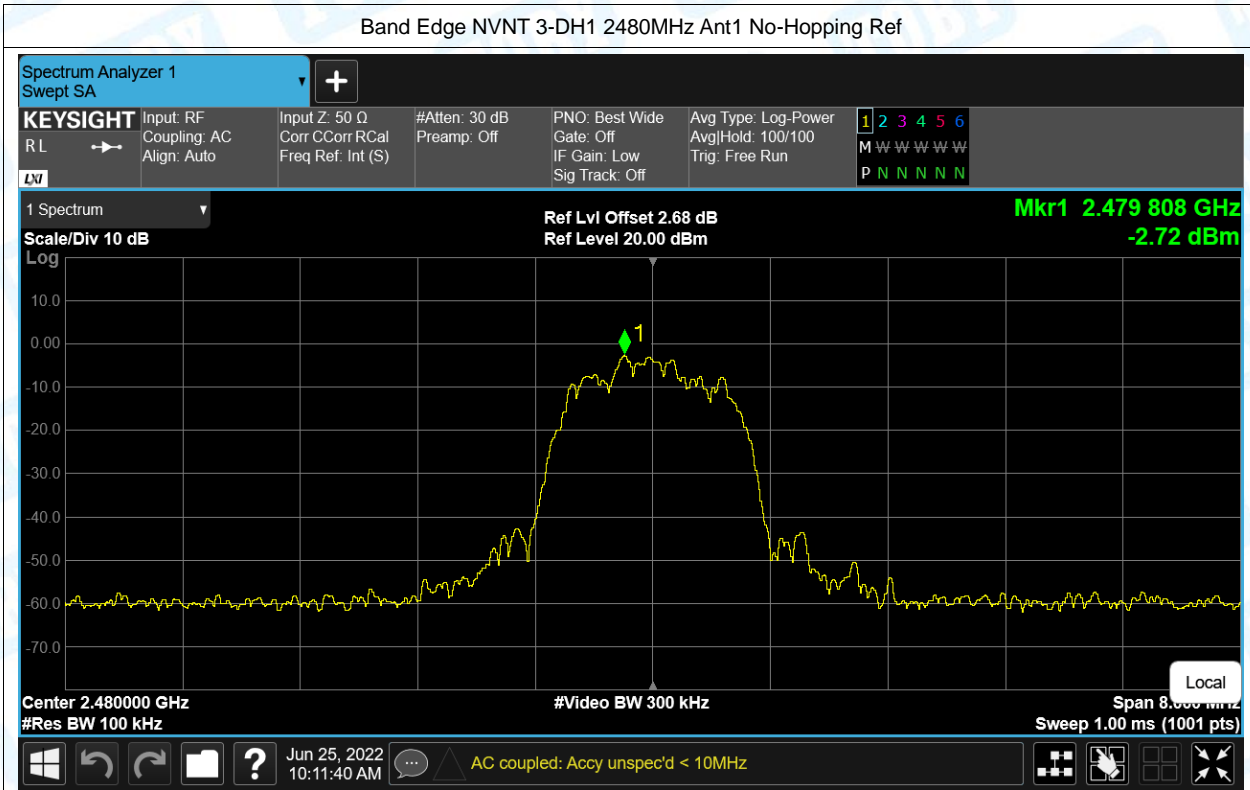










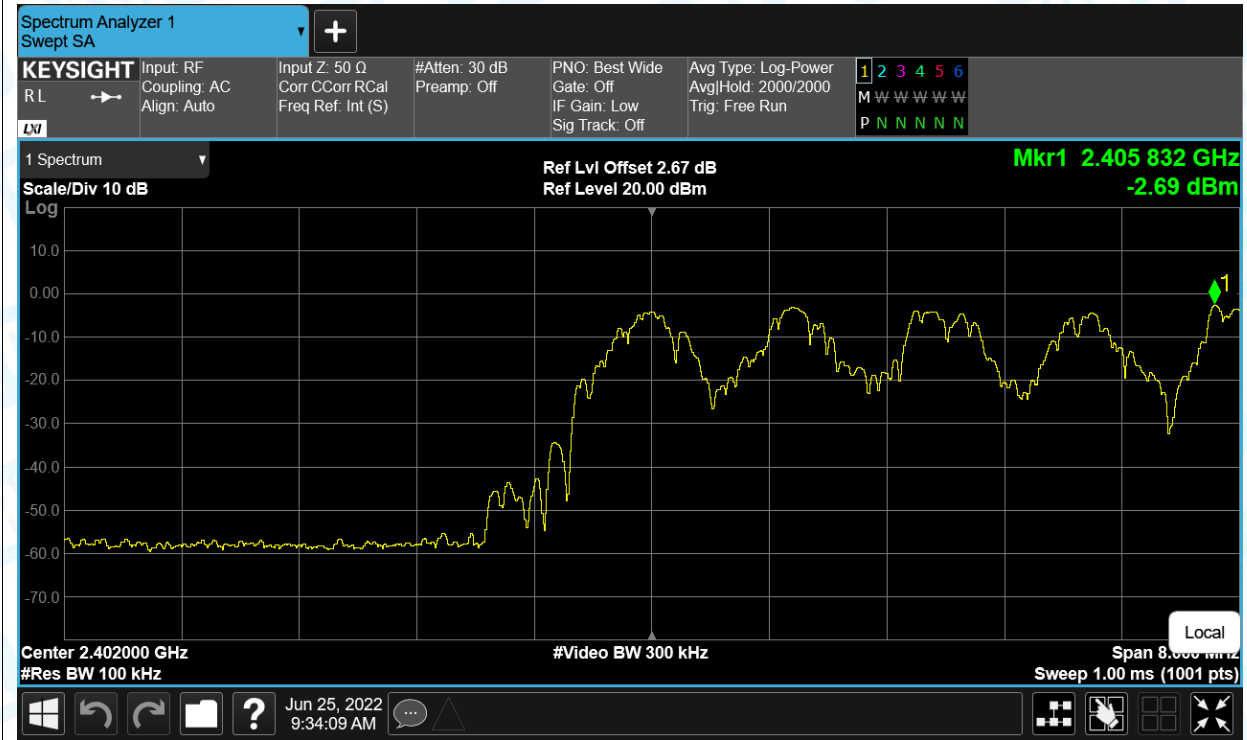


6. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-52.38	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-51.73	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-51.17	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-53.19	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-53.02	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-53.73	-20	Pass

Test Graphs

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



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

