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

General Description of EUT	
Product Name:	11" Tablet
Test Model:	100110027
Sample ID:	RW-C-202211-0265-10-2#
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-202211-0265-131	

Contents

1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	29.6	5.29	2.7
NVNT	1-DH1	2441	Ant1	29.6	5.29	2.7
NVNT	1-DH1	2480	Ant1	30.4	5.17	2.63
NVNT	2-DH1	2402	Ant1	30.4	5.17	2.63
NVNT	2-DH1	2441	Ant1	30.4	5.17	2.63
NVNT	2-DH1	2480	Ant1	31.2	5.06	2.56
NVNT	3-DH1	2402	Ant1	30.4	5.17	2.63
NVNT	3-DH1	2441	Ant1	30.4	5.17	2.63
NVNT	3-DH1	2480	Ant1	30.4	5.17	2.63

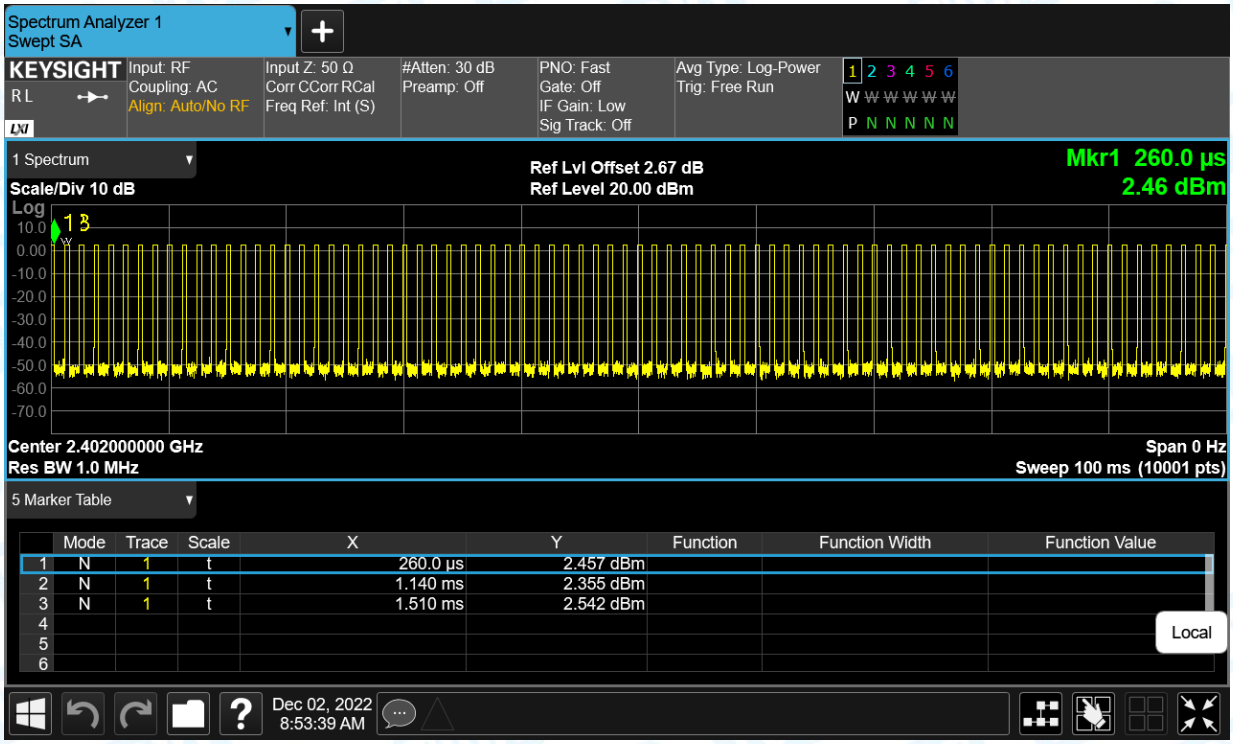
Note: Duty Cycle(%)=ON(ms)/(ON(ms)+OFF(ms))

ON(ms)=Maker3-Maker2

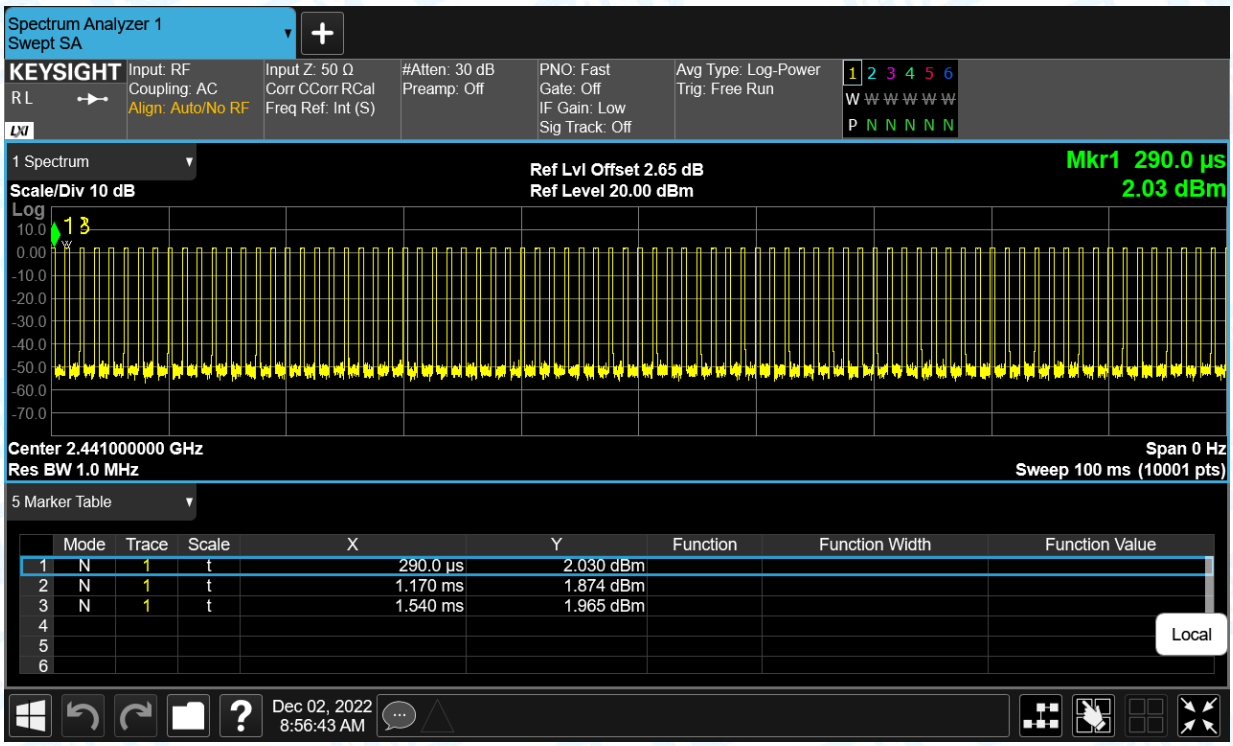
(ON(ms)+OFF(ms))=Maker3-Maker1

Test Graphs

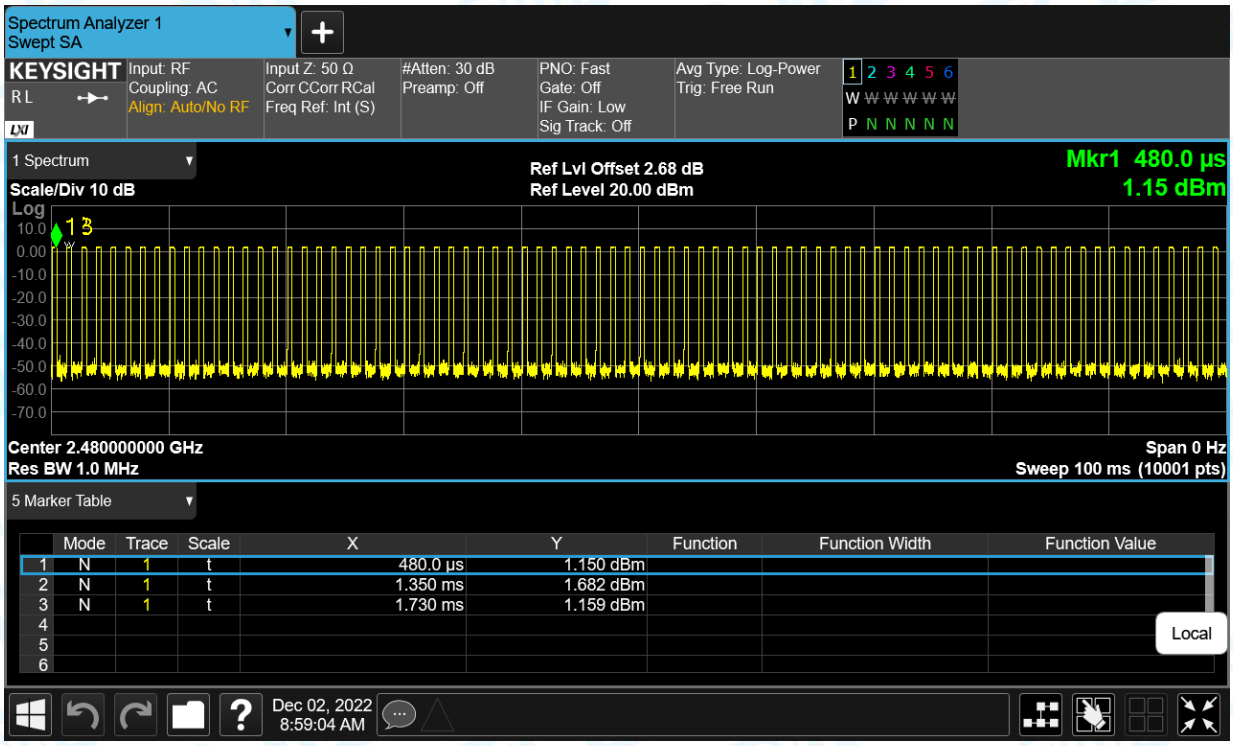
Duty Cycle NVNT 1-DH1 2402MHz Ant1



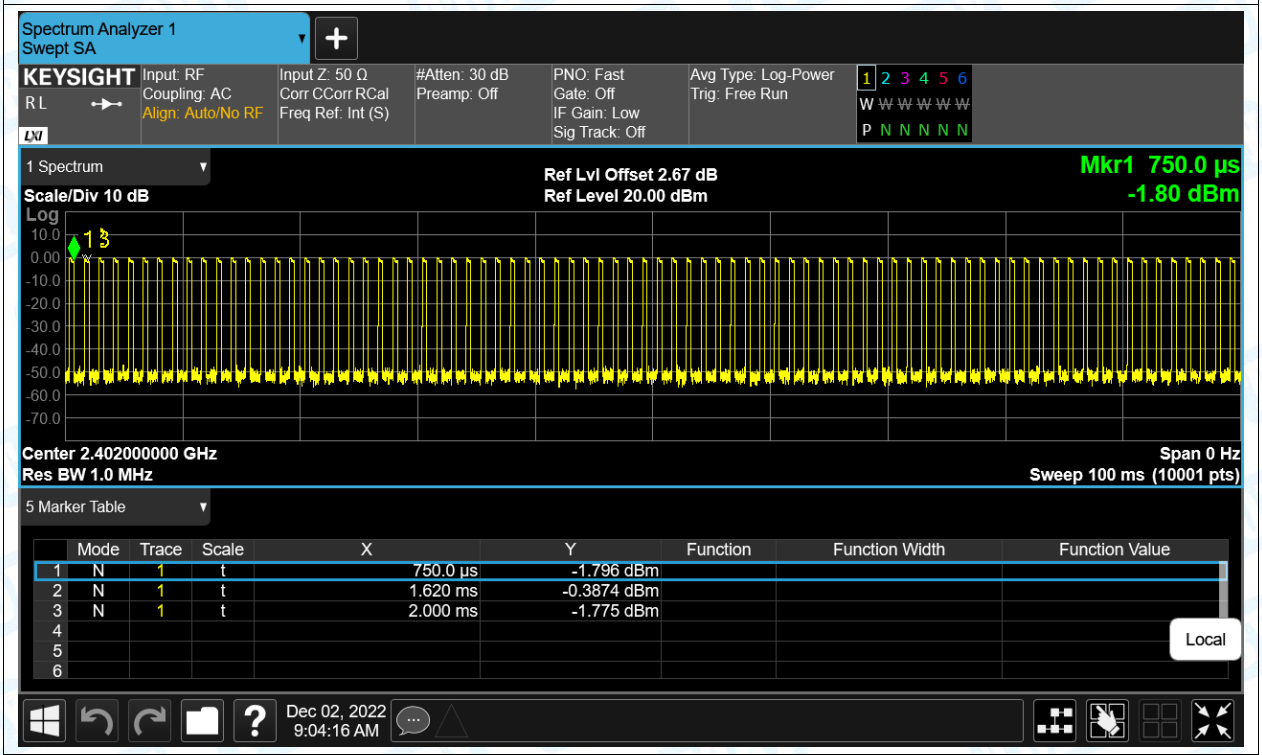
Duty Cycle NVNT 1-DH1 2441MHz Ant1



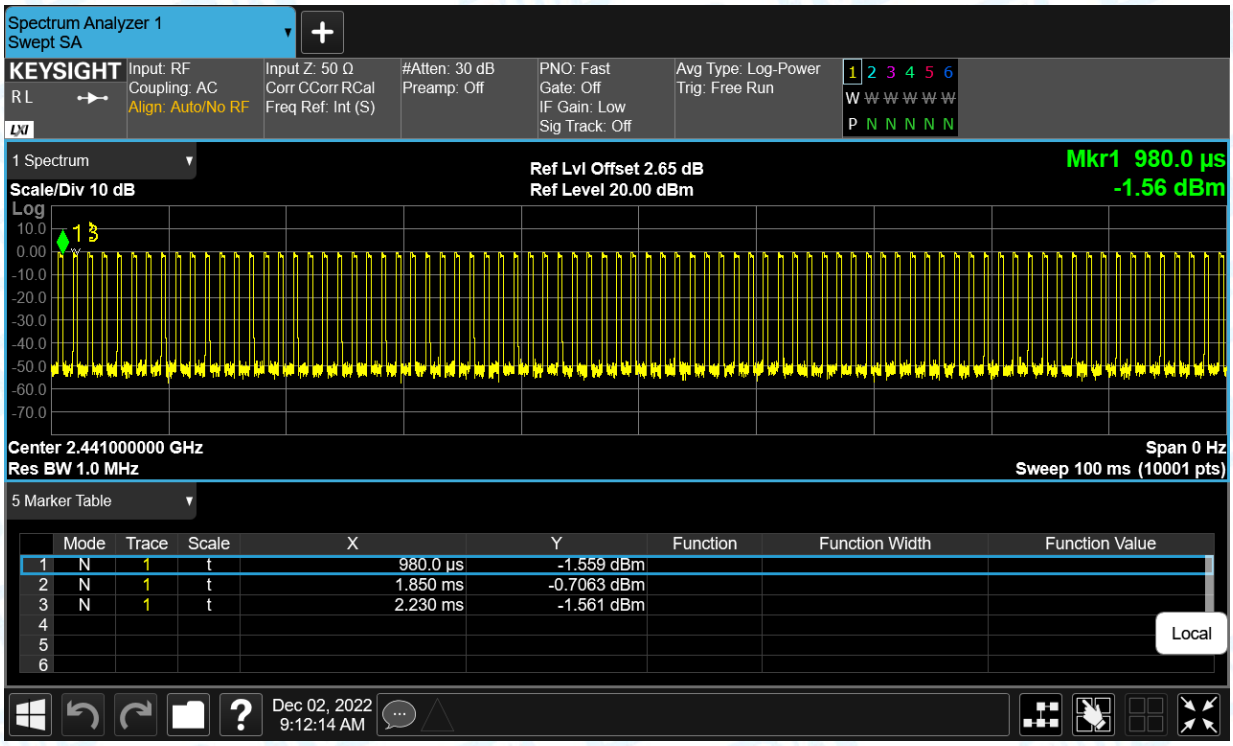
Duty Cycle NVNT 1-DH1 2480MHz Ant1



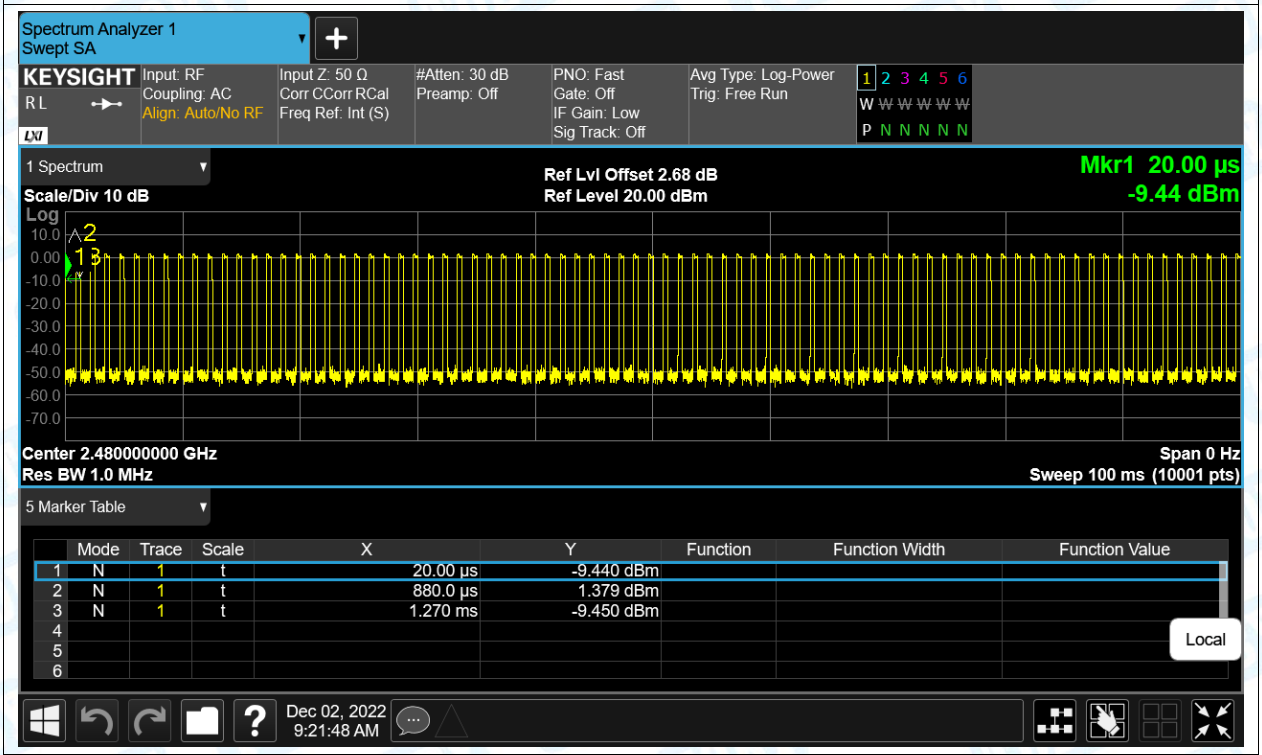
Duty Cycle NVNT 2-DH1 2402MHz Ant1



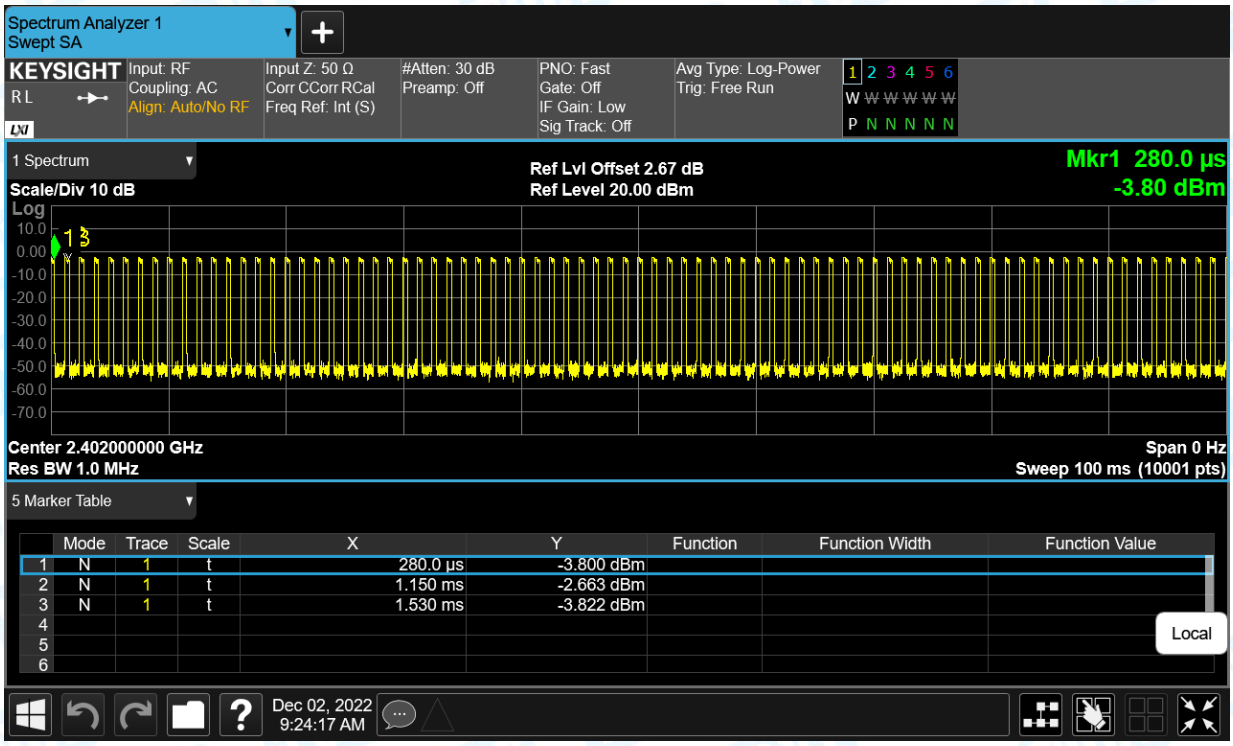
Duty Cycle NVNT 2-DH1 2441MHz Ant1



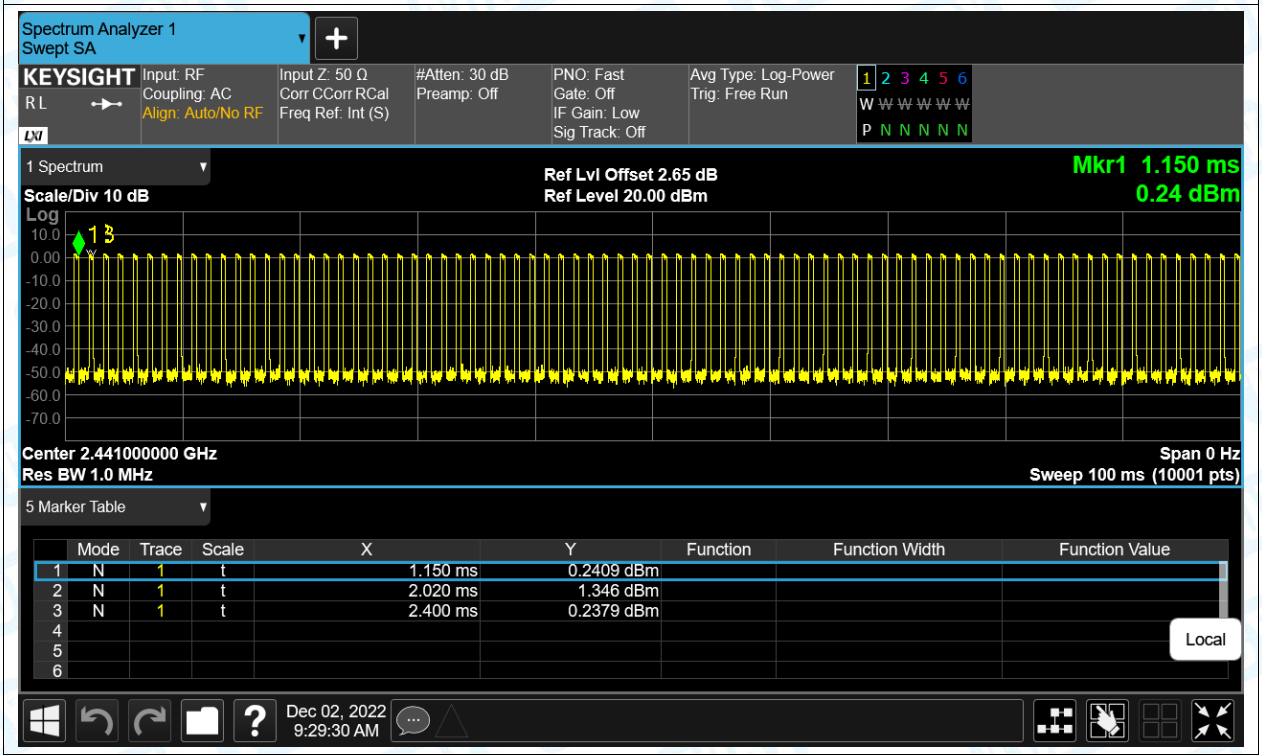
Duty Cycle NVNT 2-DH1 2480MHz Ant1



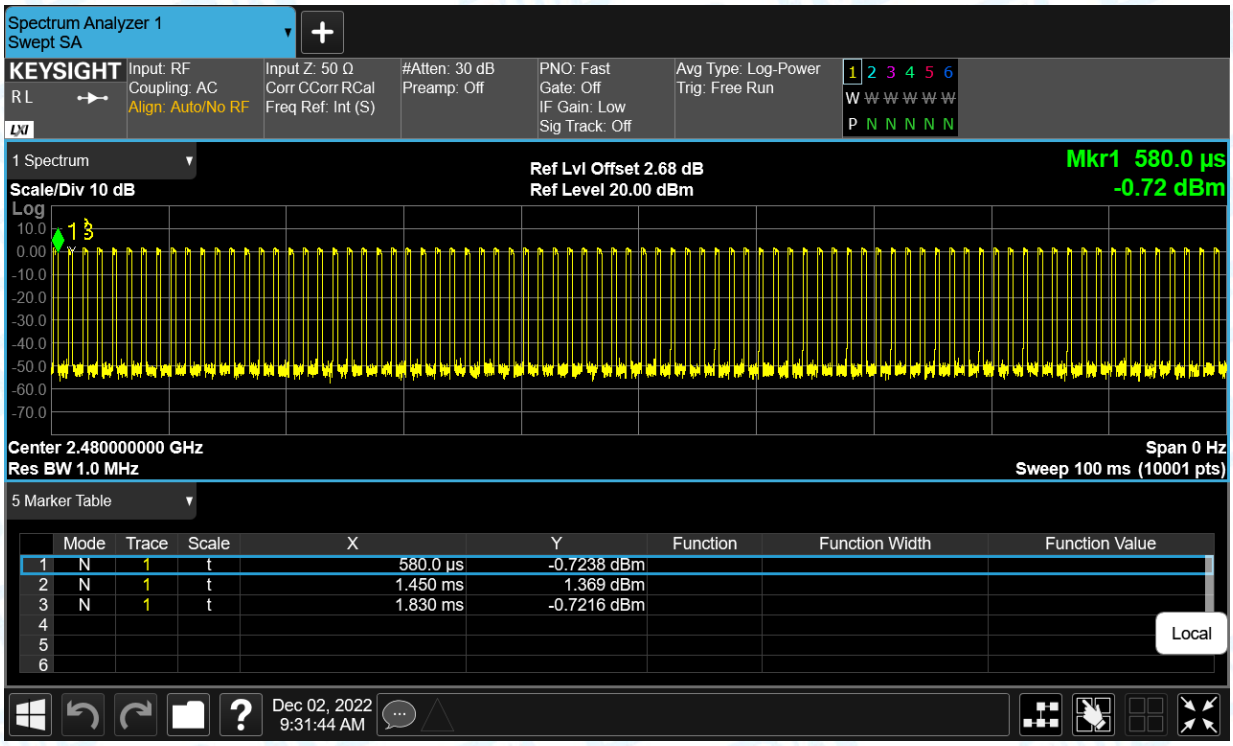
Duty Cycle NVNT 3-DH1 2402MHz Ant1



Duty Cycle NVNT 3-DH1 2441MHz Ant1



Duty Cycle NVNT 3-DH1 2480MHz Ant1

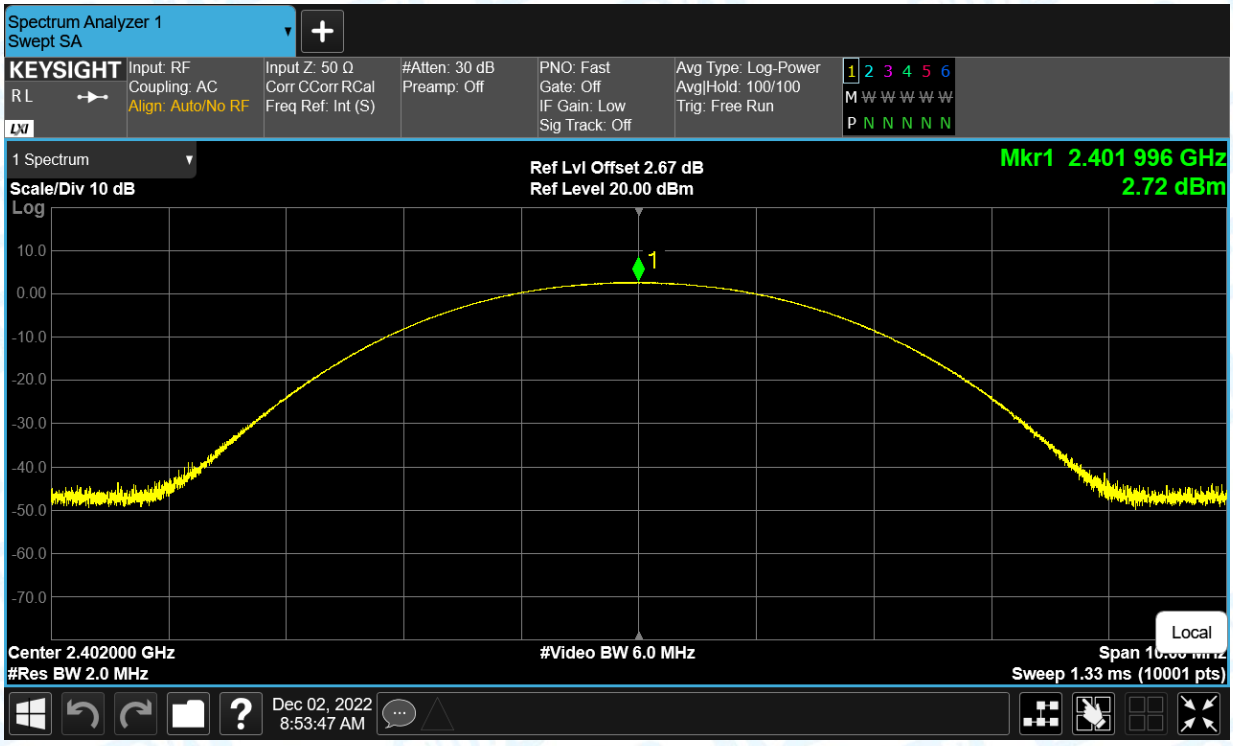


2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	2.72	21	Pass
NVNT	1-DH1	2441	Ant1	2.22	21	Pass
NVNT	1-DH1	2480	Ant1	1.73	21	Pass
NVNT	2-DH1	2402	Ant1	1.90	21	Pass
NVNT	2-DH1	2441	Ant1	1.79	21	Pass
NVNT	2-DH1	2480	Ant1	1.68	21	Pass
NVNT	3-DH1	2402	Ant1	1.82	21	Pass
NVNT	3-DH1	2441	Ant1	1.65	21	Pass
NVNT	3-DH1	2480	Ant1	1.65	21	Pass

Test Graphs

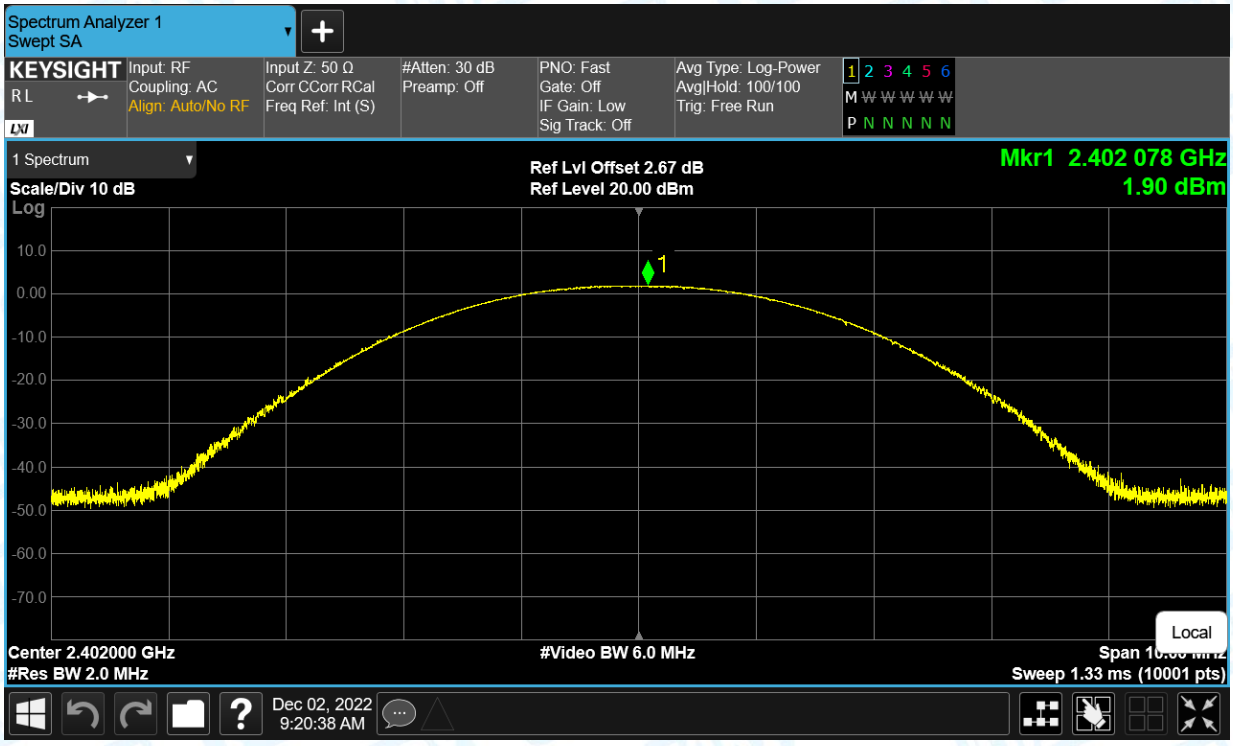
Power NVNT 1-DH1 2402MHz Ant1



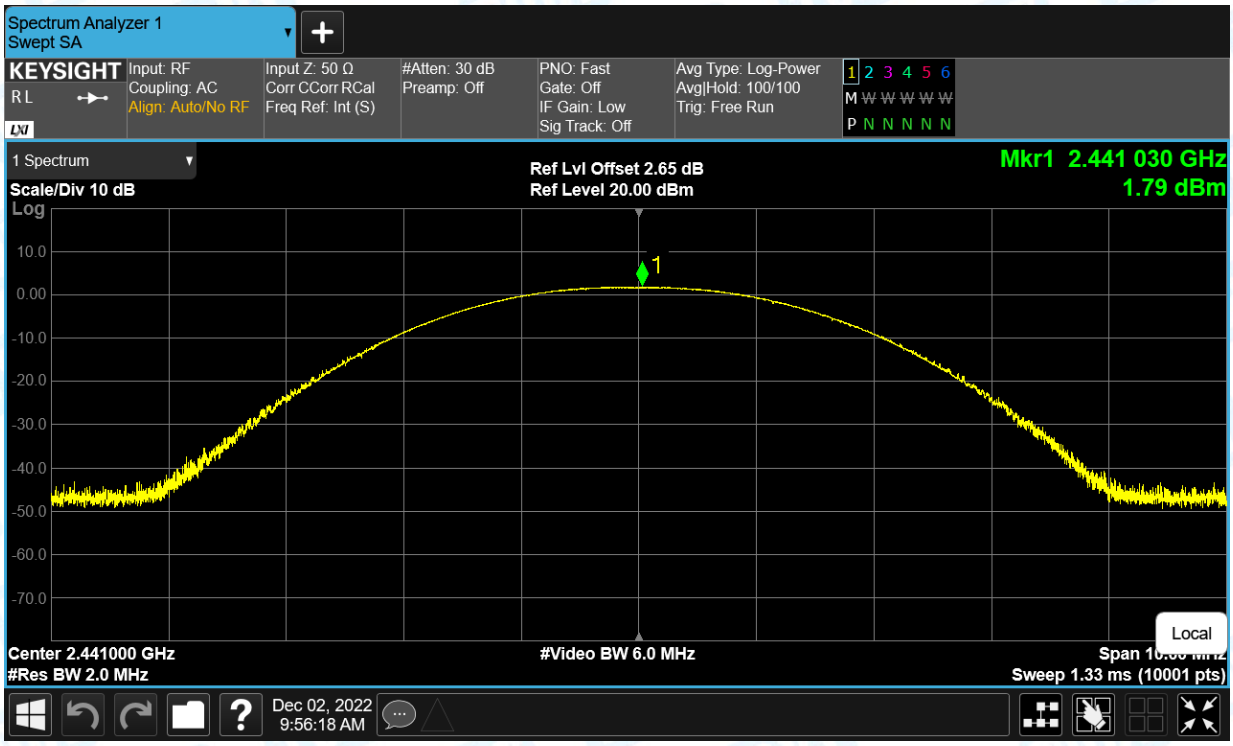
Power NVNT 1-DH1 2441MHz Ant1

Power NVNT 1-DH1 2480MHz Ant1

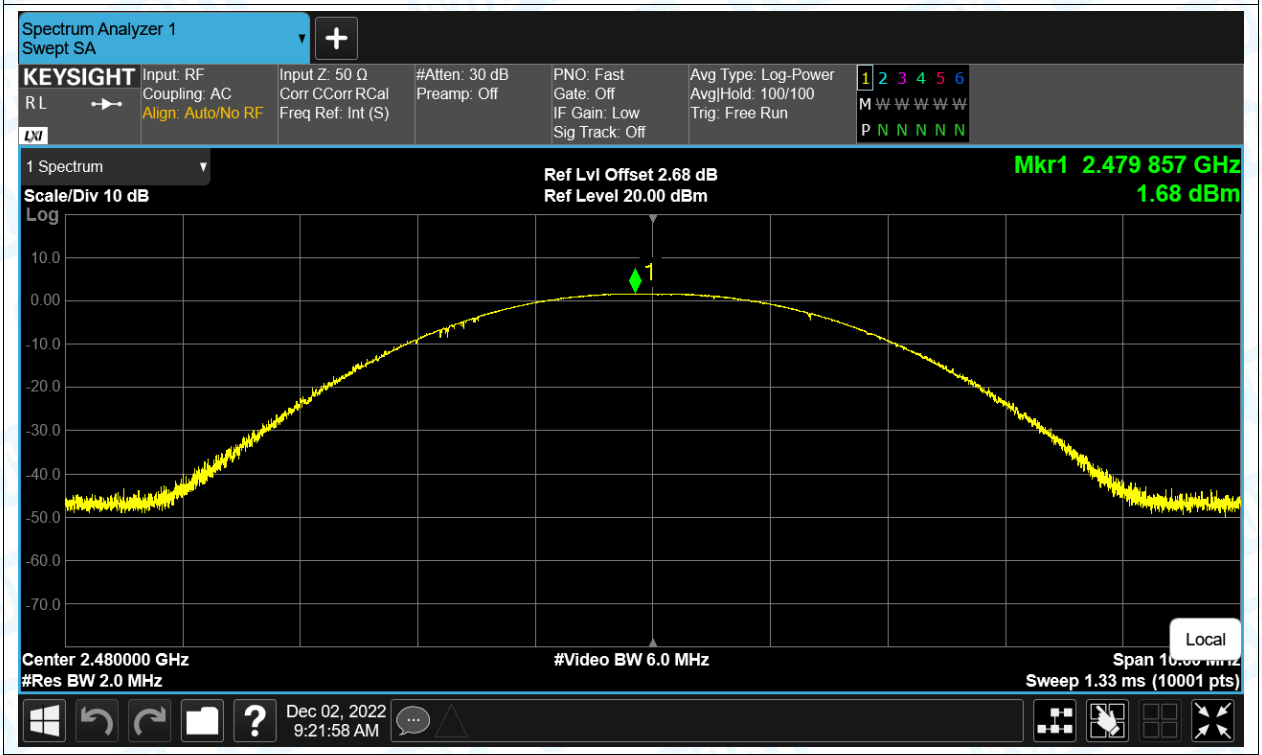
Power NVNT 2-DH1 2402MHz Ant1



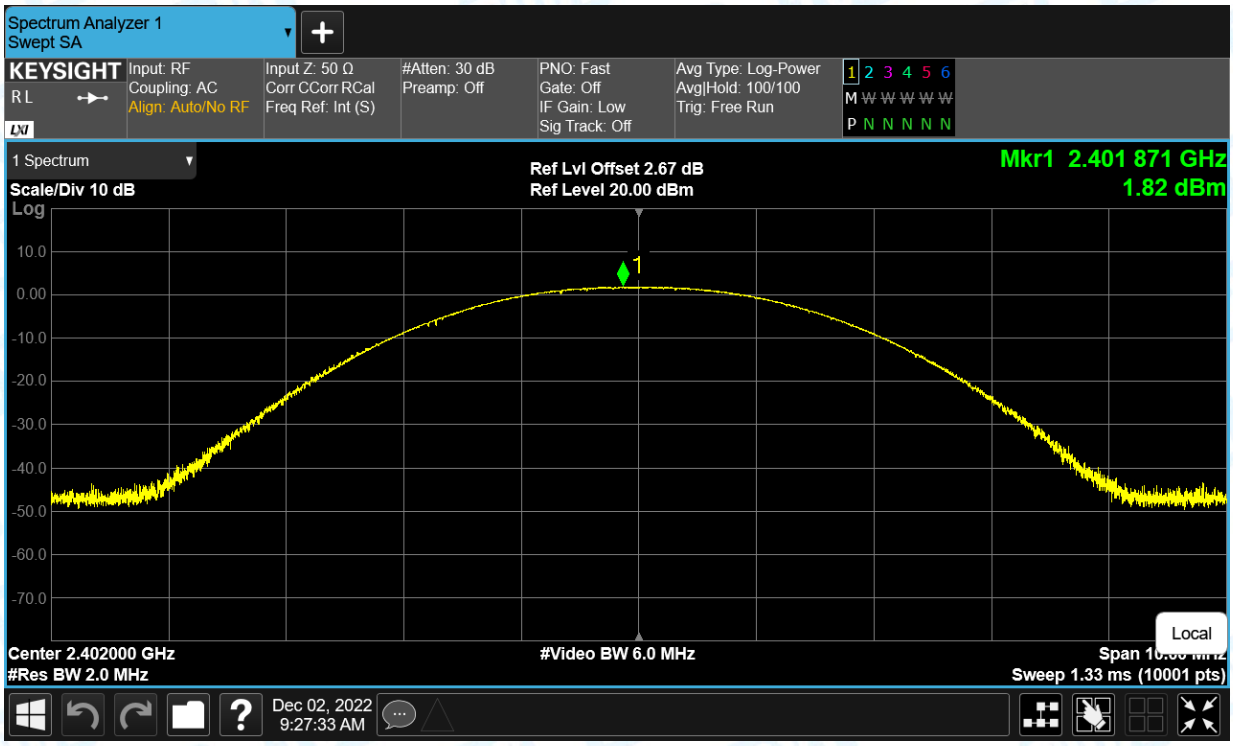
Power NVNT 2-DH1 2441MHz Ant1



Power NVNT 2-DH1 2480MHz Ant1

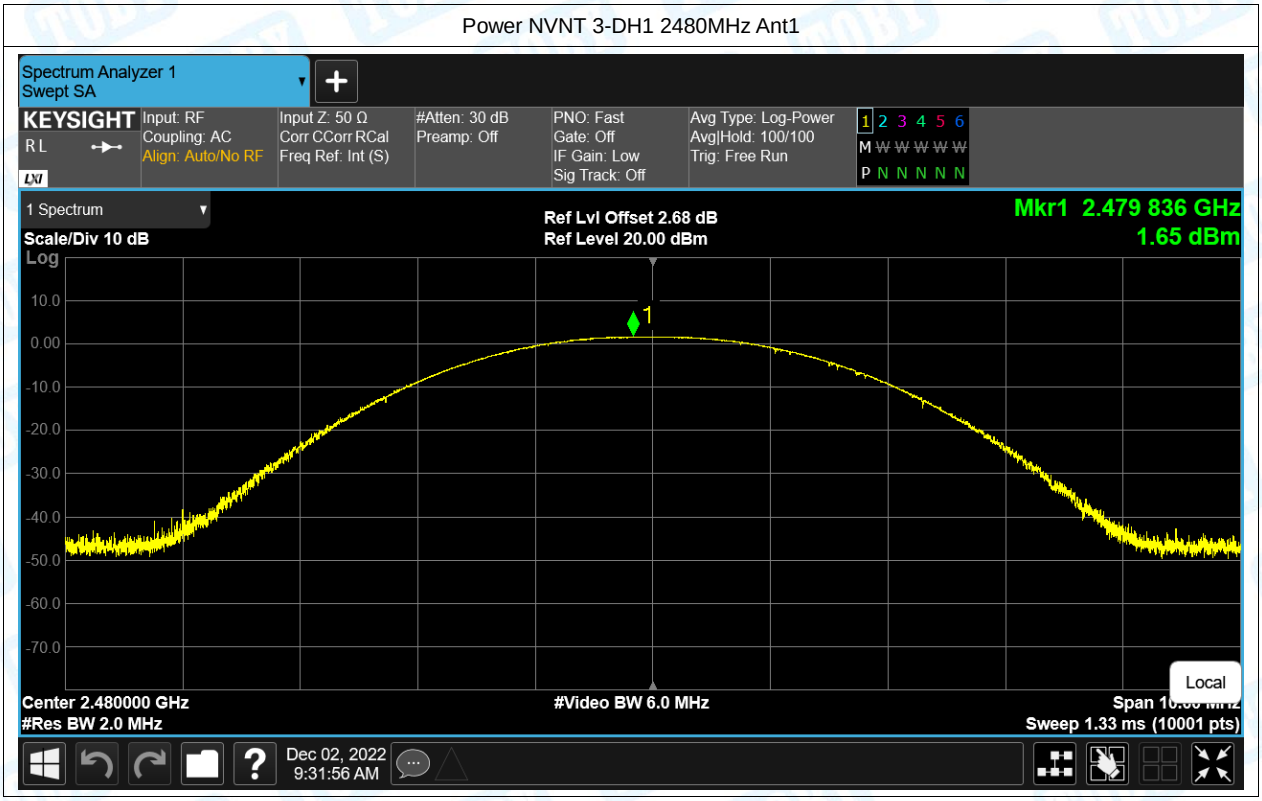


Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1

Power NVNT 3-DH1 2480MHz Ant1



3. -20dB Bandwidth

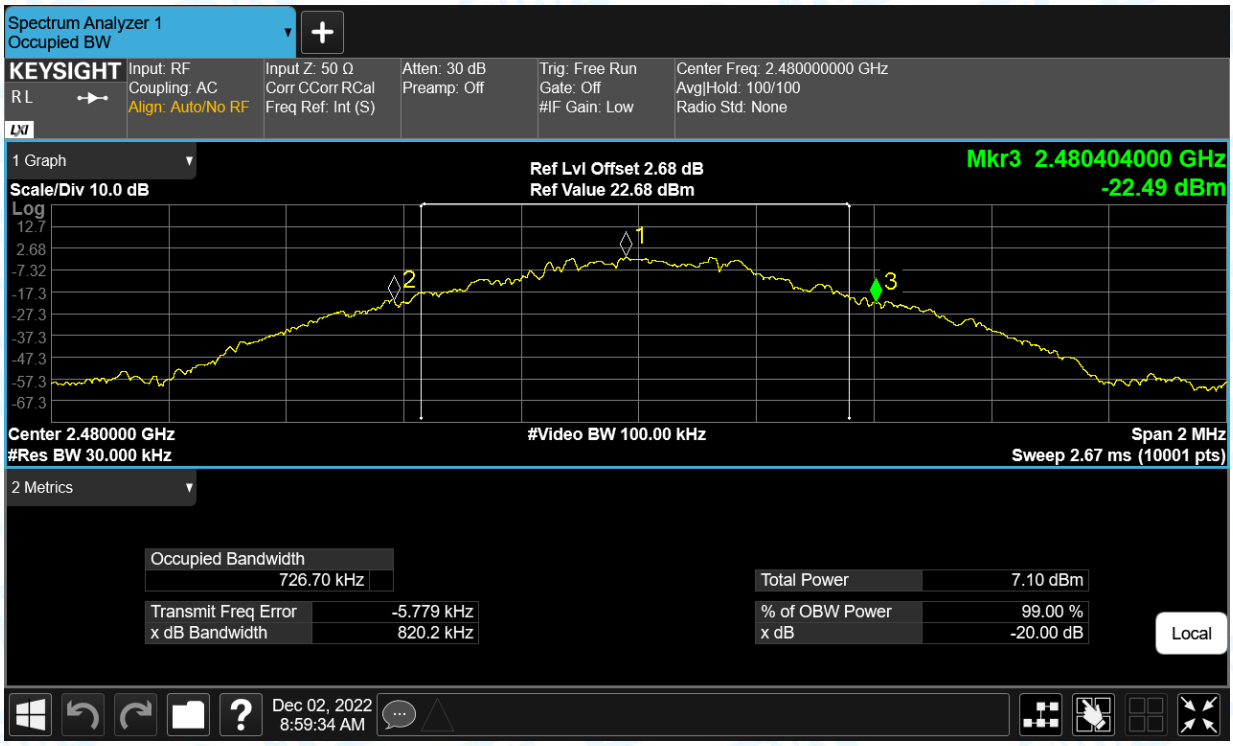
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.77	----	Pass
NVNT	1-DH1	2441	Ant1	0.78	----	Pass
NVNT	1-DH1	2480	Ant1	0.82	----	Pass
NVNT	2-DH1	2402	Ant1	1.23	----	Pass
NVNT	2-DH1	2441	Ant1	1.19	----	Pass
NVNT	2-DH1	2480	Ant1	1.22	----	Pass
NVNT	3-DH1	2402	Ant1	1.2	----	Pass
NVNT	3-DH1	2441	Ant1	1.21	----	Pass
NVNT	3-DH1	2480	Ant1	1.21	----	Pass

Test Graphs

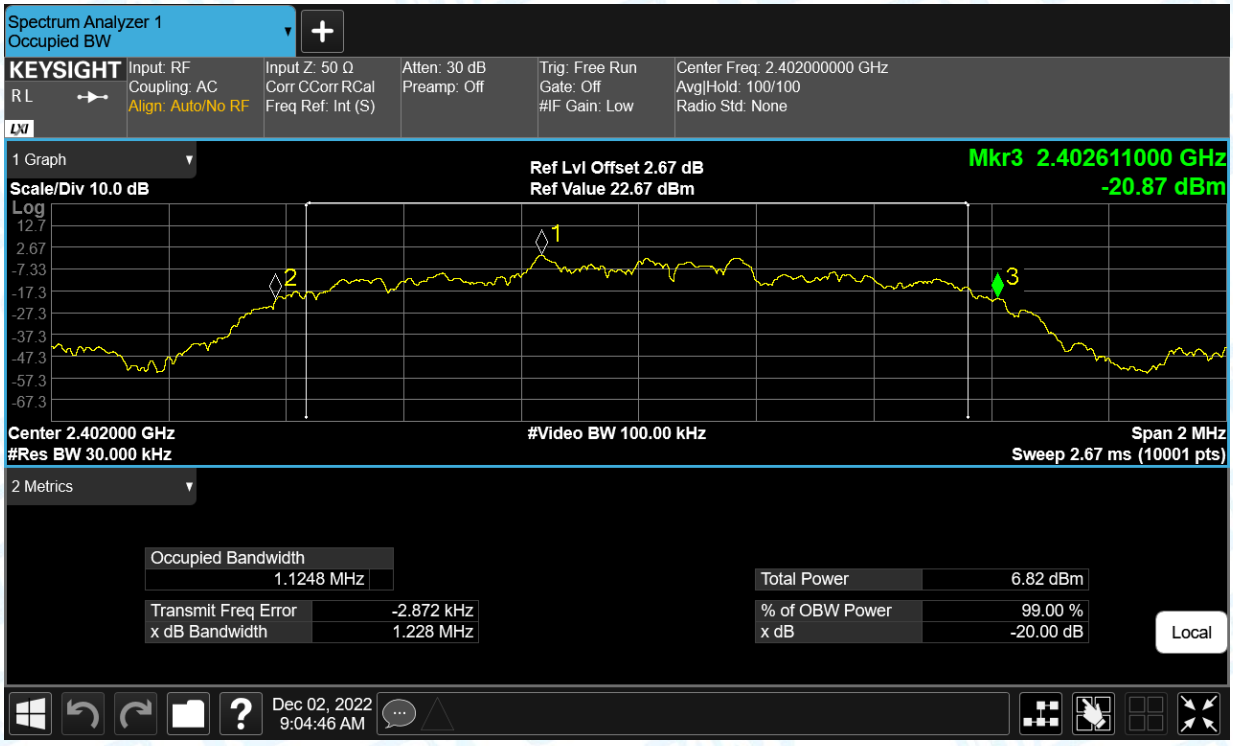
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1

-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1

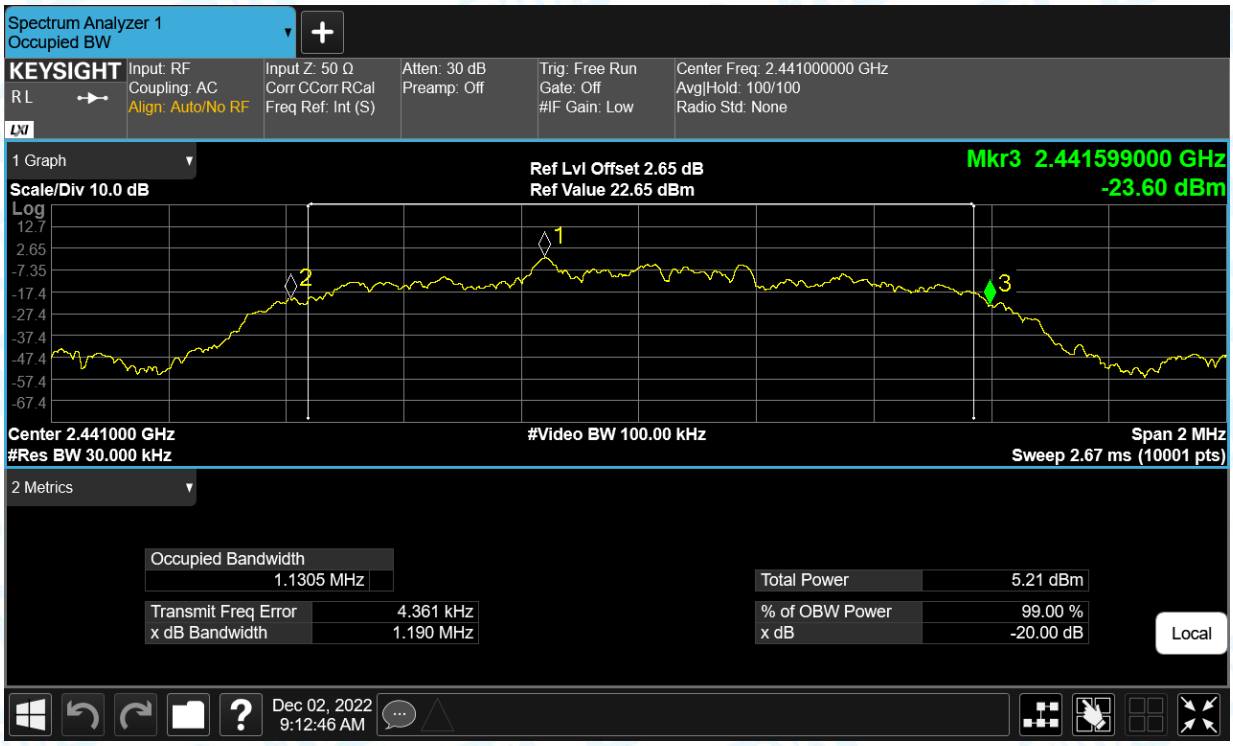
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



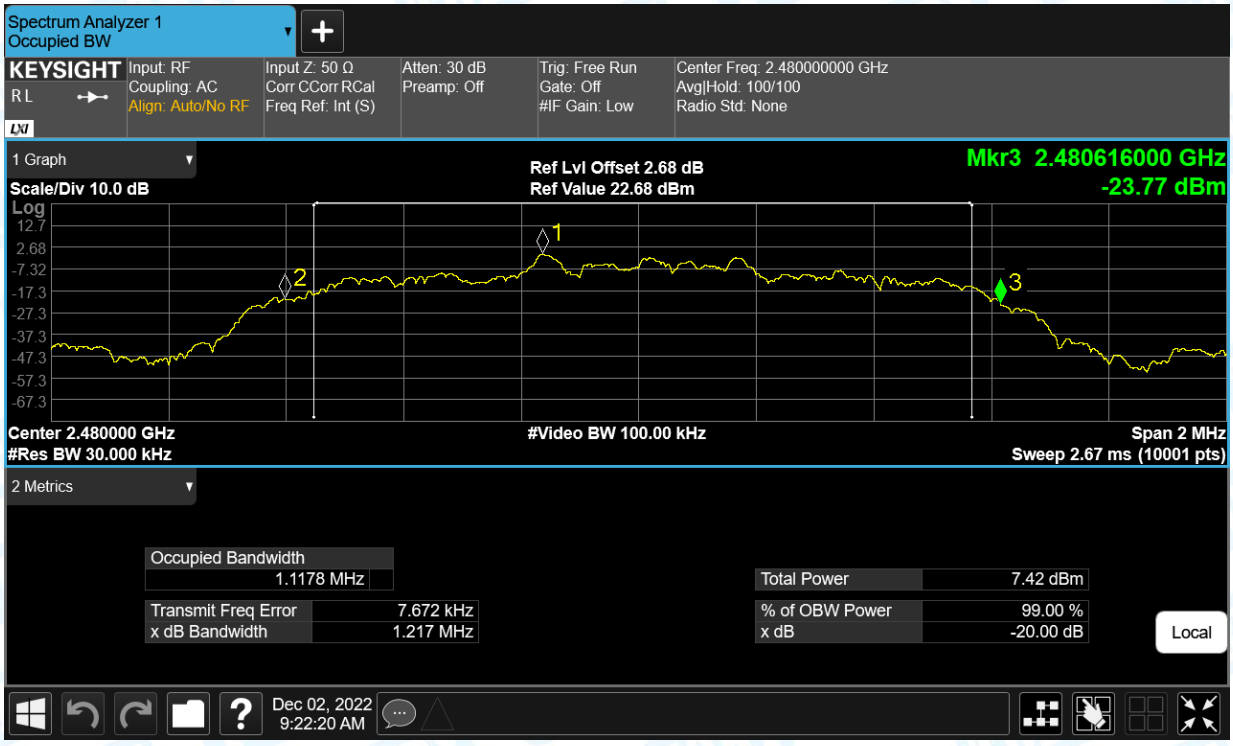
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



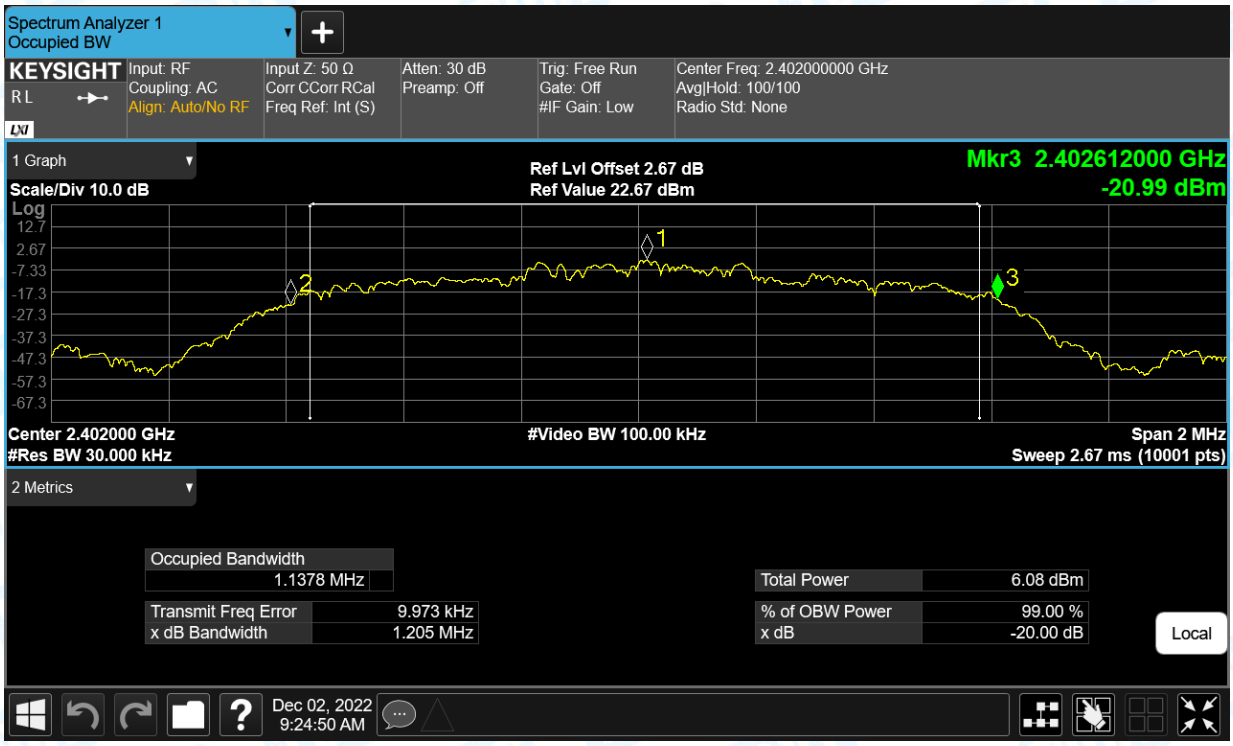
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



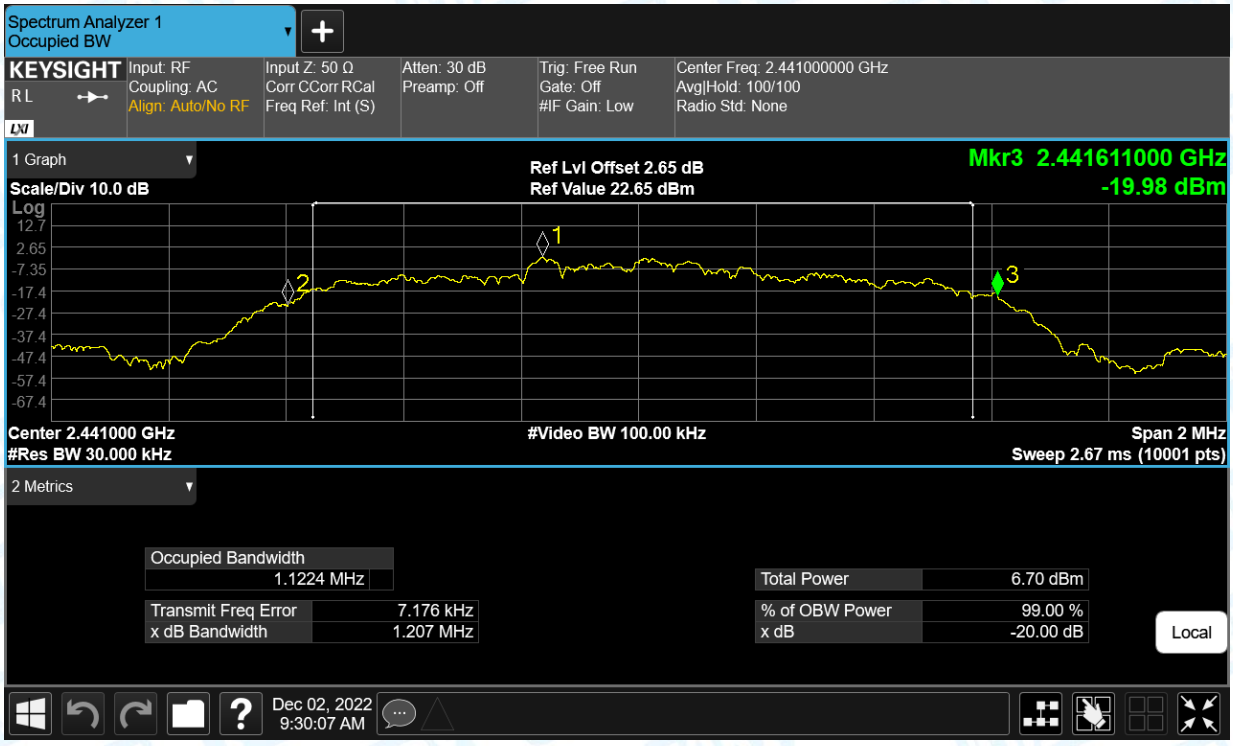
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



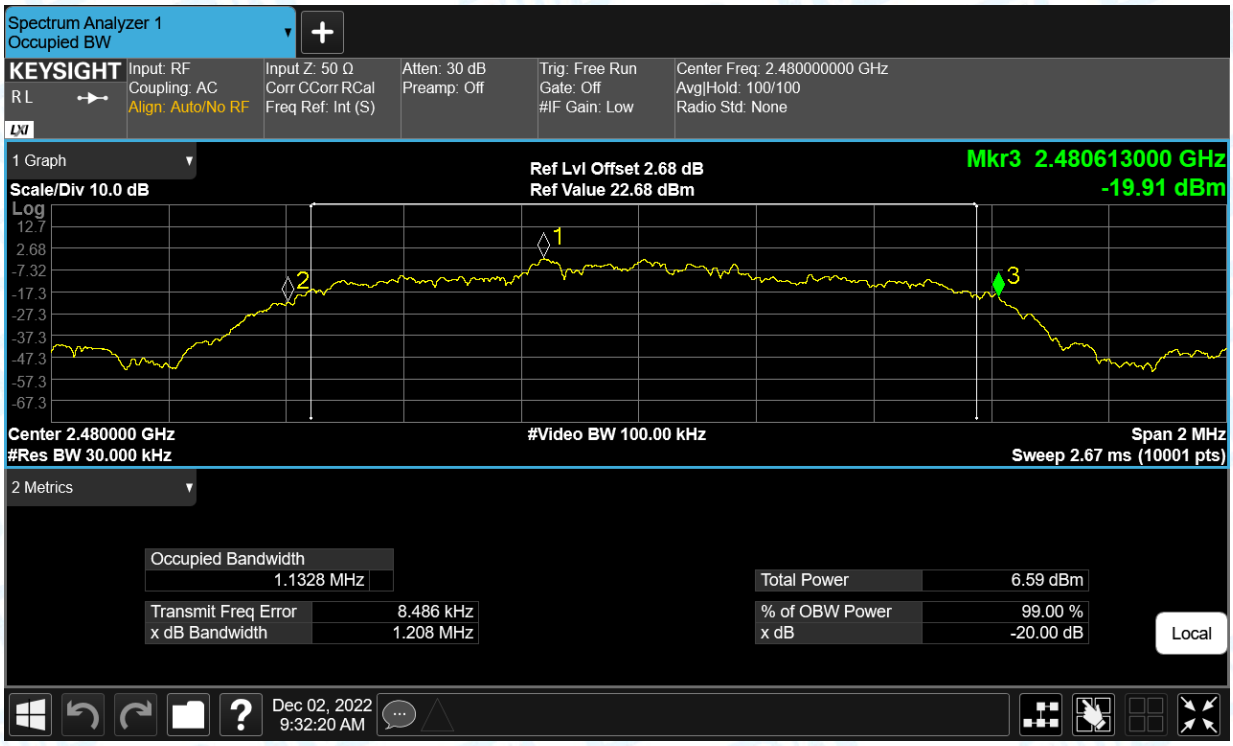
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



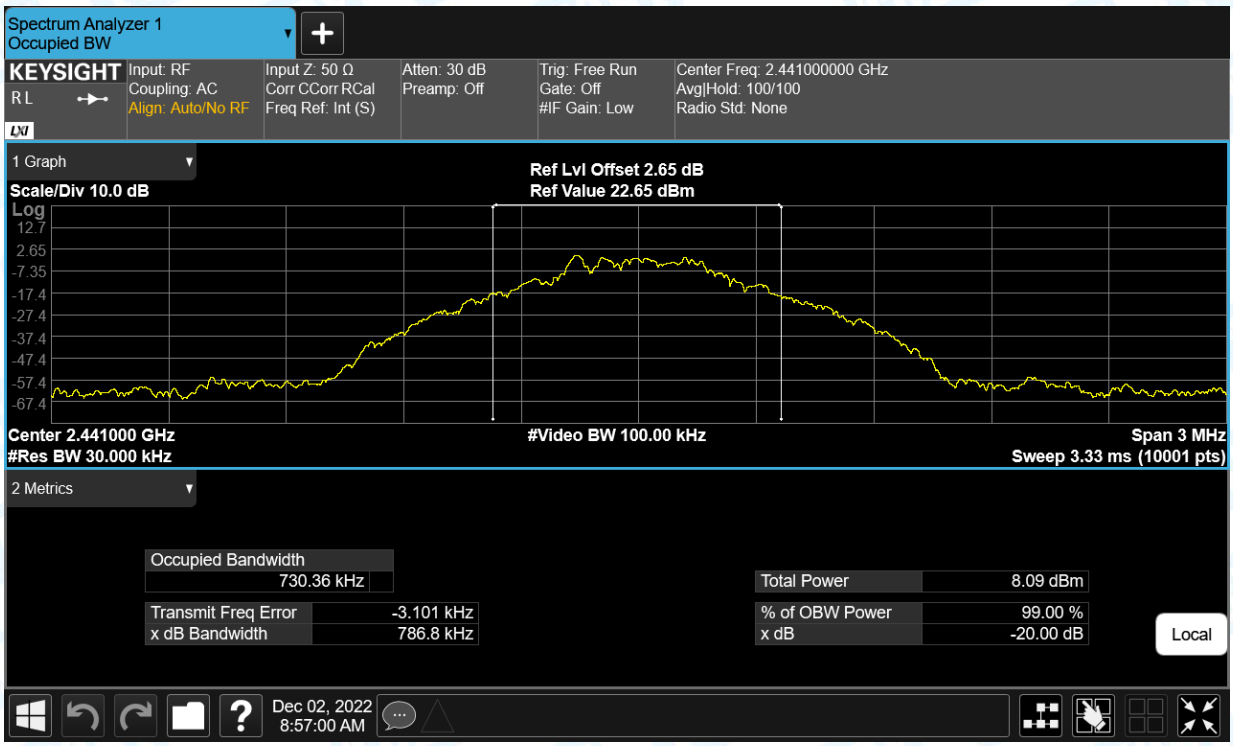
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.714
NVNT	1-DH1	2441	Ant1	0.73
NVNT	1-DH1	2480	Ant1	0.722
NVNT	2-DH1	2402	Ant1	1.131
NVNT	2-DH1	2441	Ant1	1.141
NVNT	2-DH1	2480	Ant1	1.136
NVNT	3-DH1	2402	Ant1	1.136
NVNT	3-DH1	2441	Ant1	1.138
NVNT	3-DH1	2480	Ant1	1.139

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

OBW NVNT 2-DH1 2441MHz Ant1

OBW NVNT 2-DH1 2480MHz Ant1

OBW NVNT 3-DH1 2402MHz Ant1

OBW NVNT 3-DH1 2441MHz Ant1

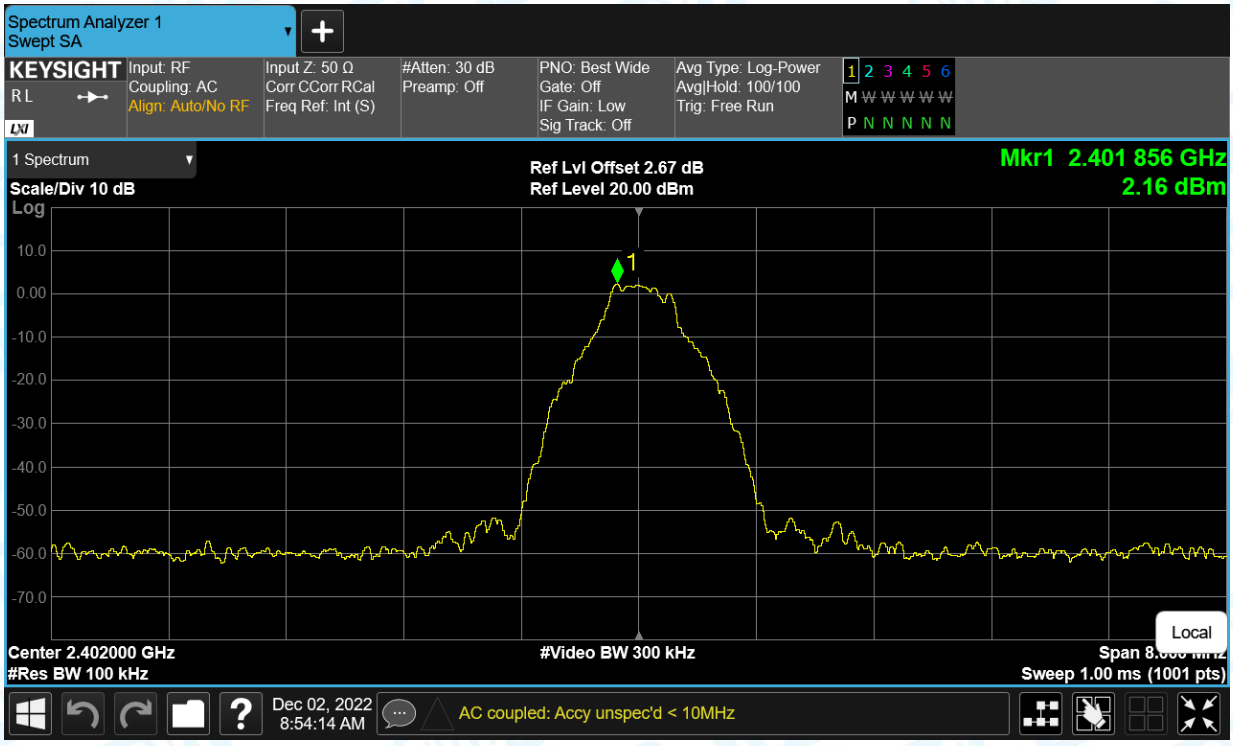
OBW NVNT 3-DH1 2480MHz Ant1

5. Band Edge

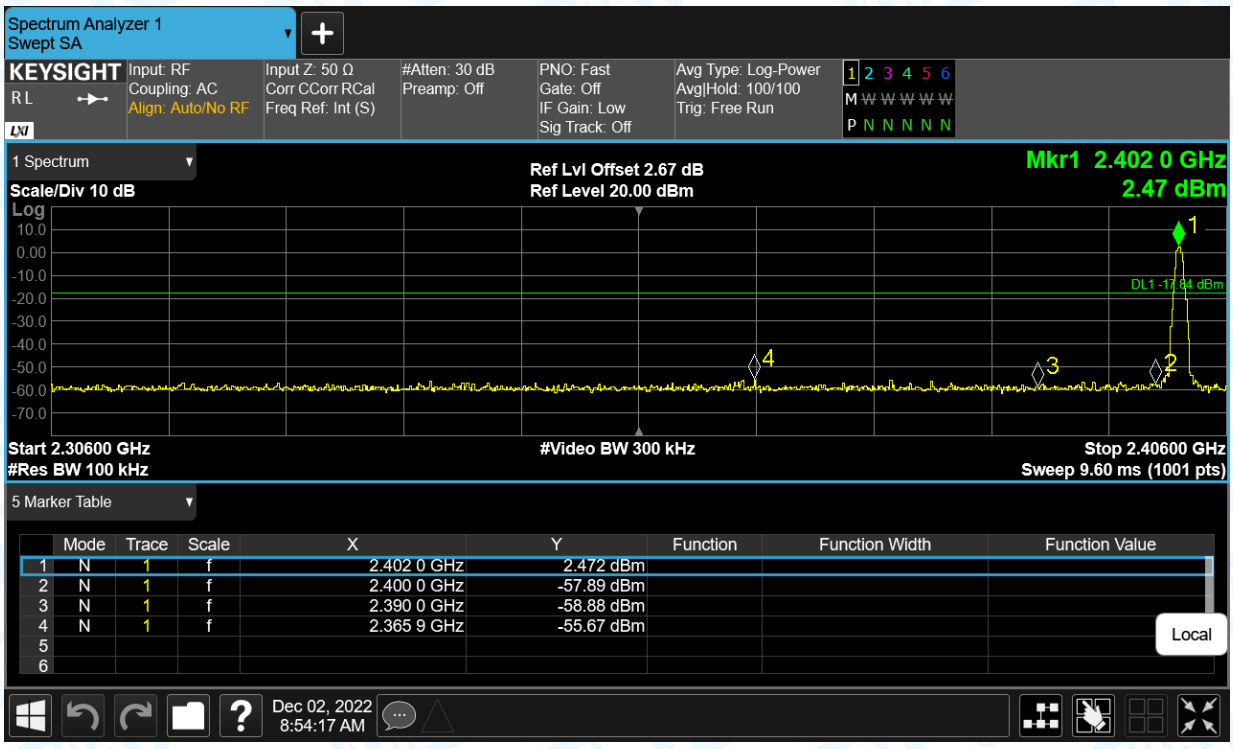
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-57.83	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-57.55	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-57.43	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-58.55	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-53.44	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-55.59	-20	Pass

Test Graphs

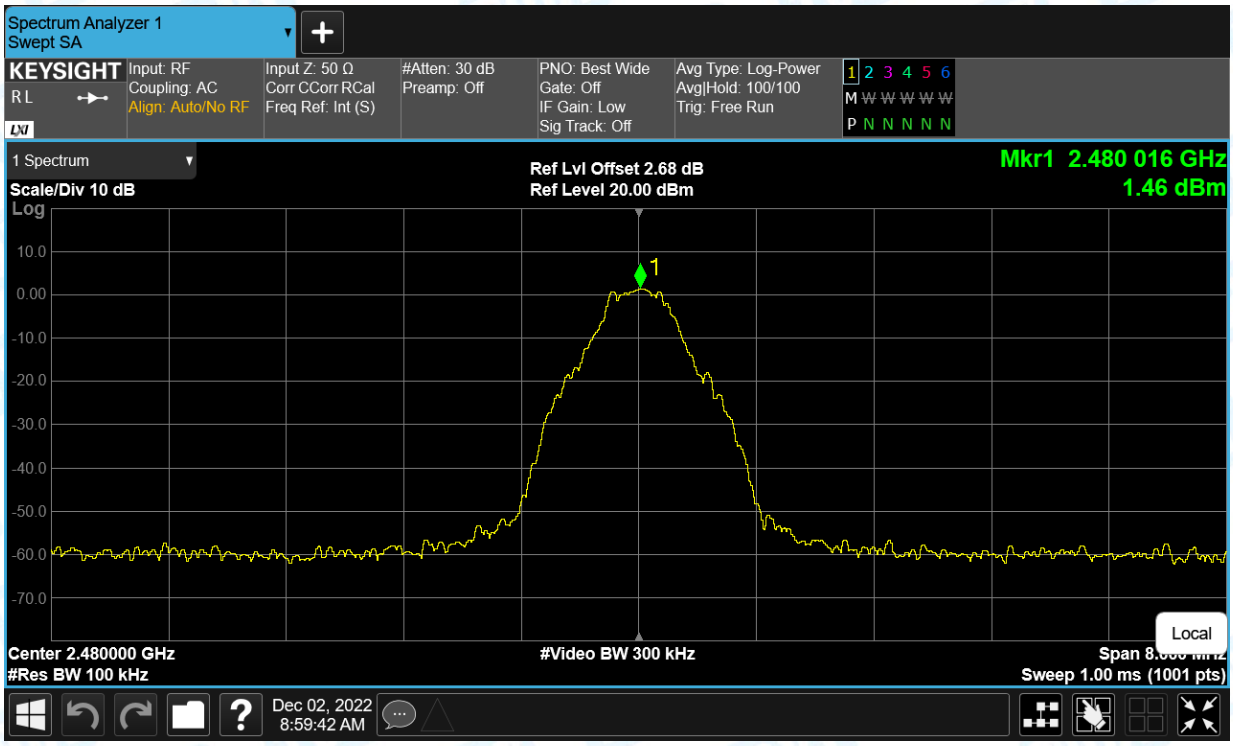
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



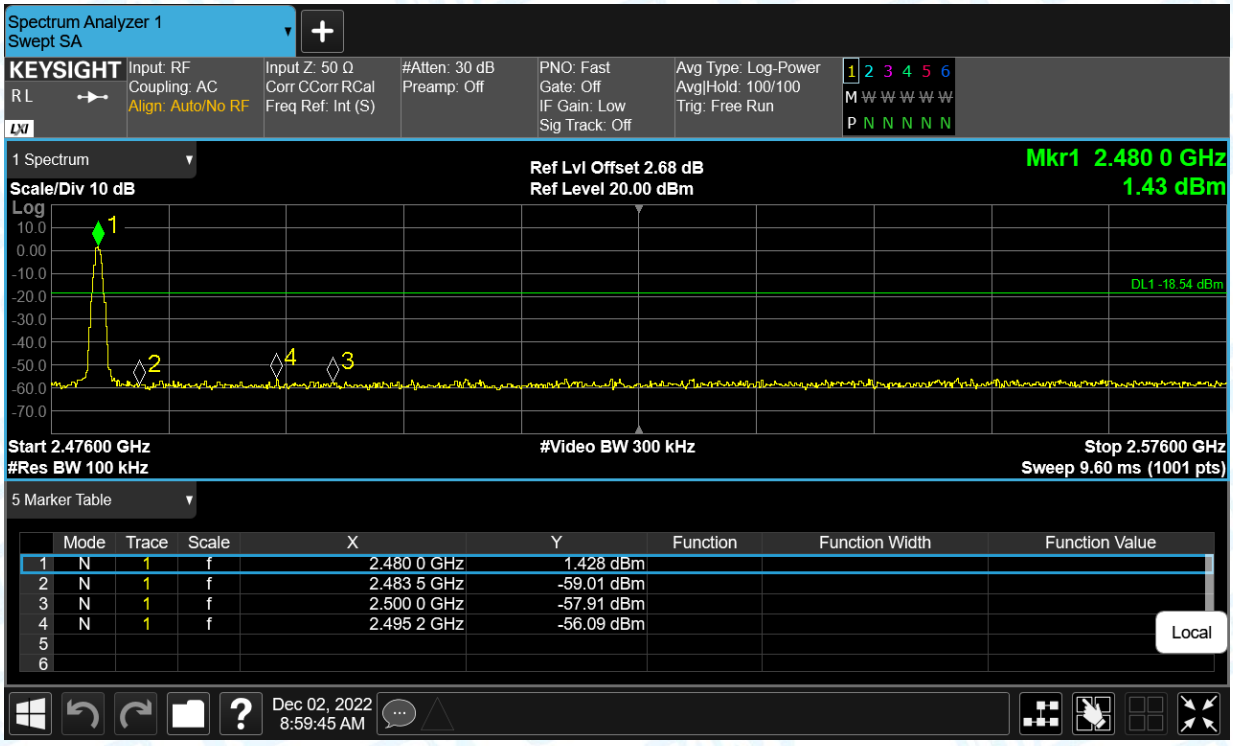
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



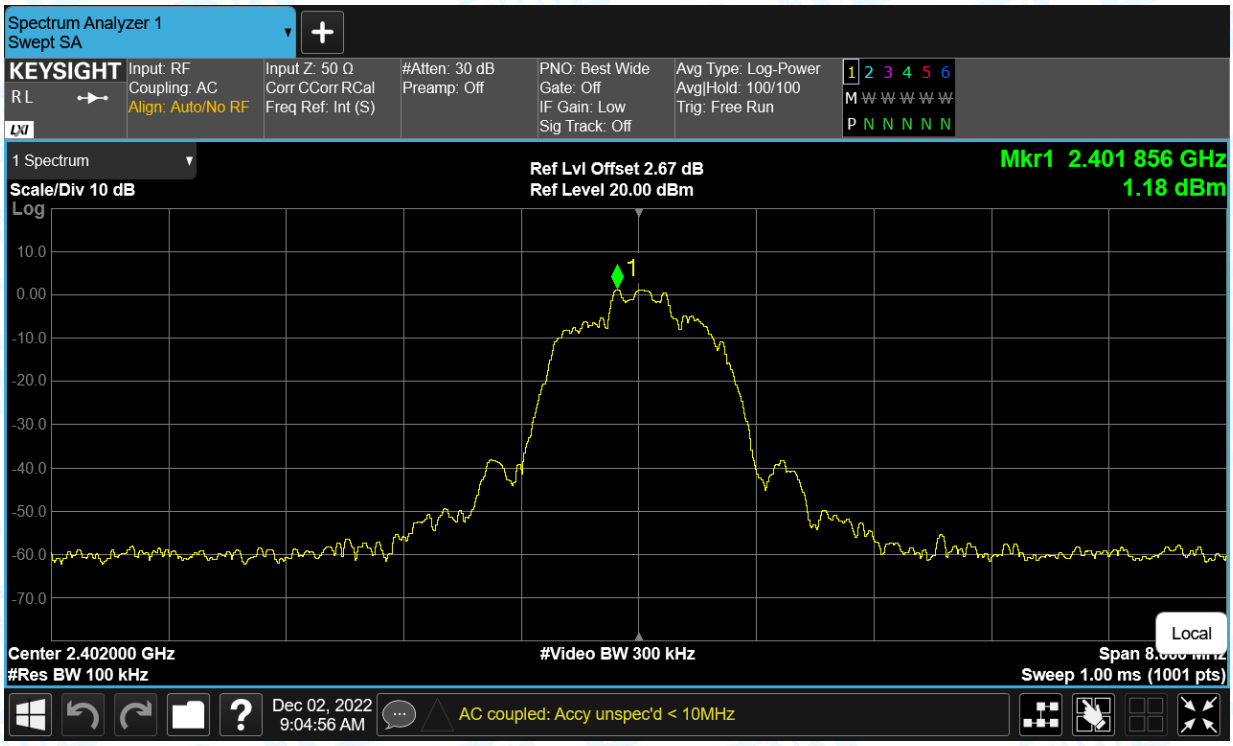
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



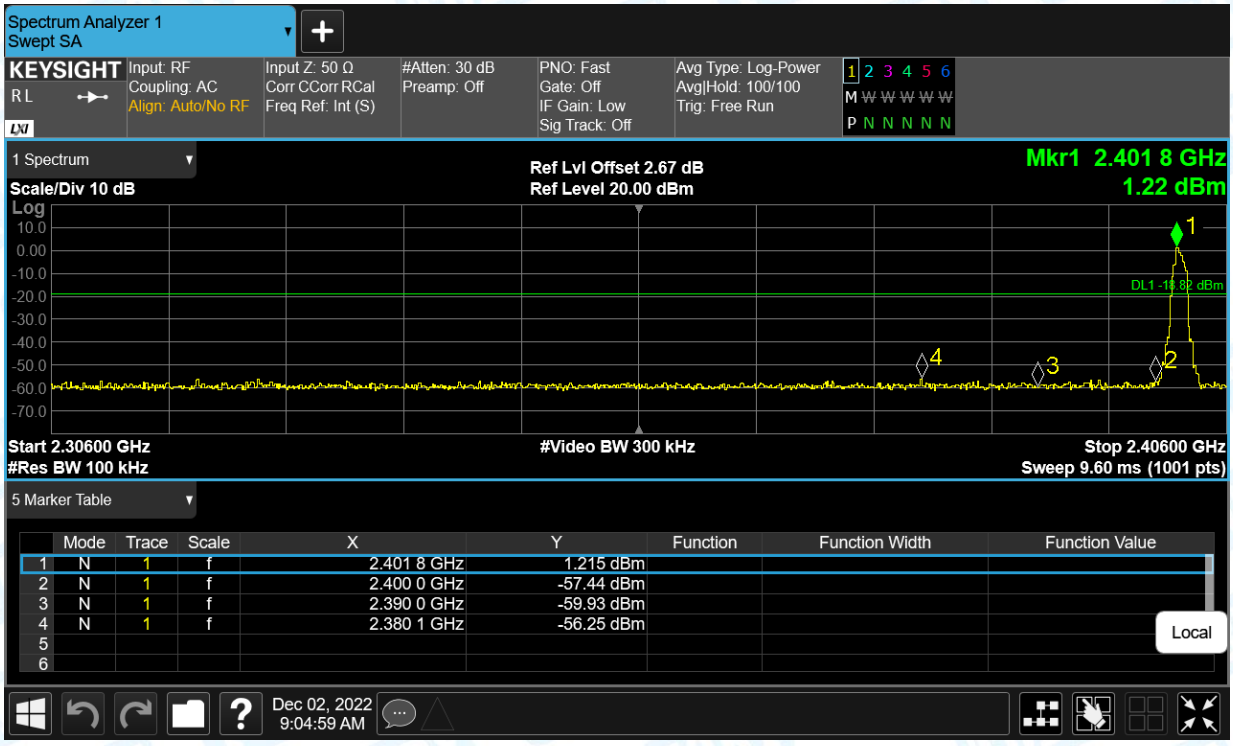
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



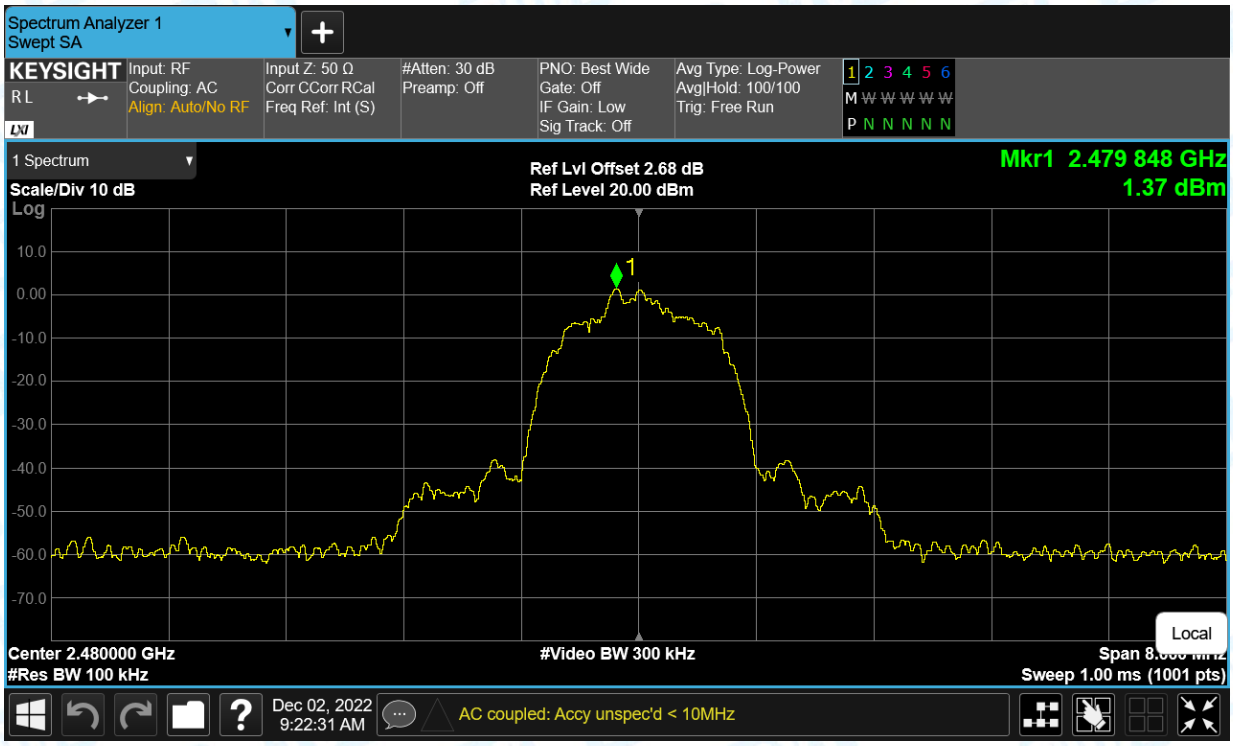
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



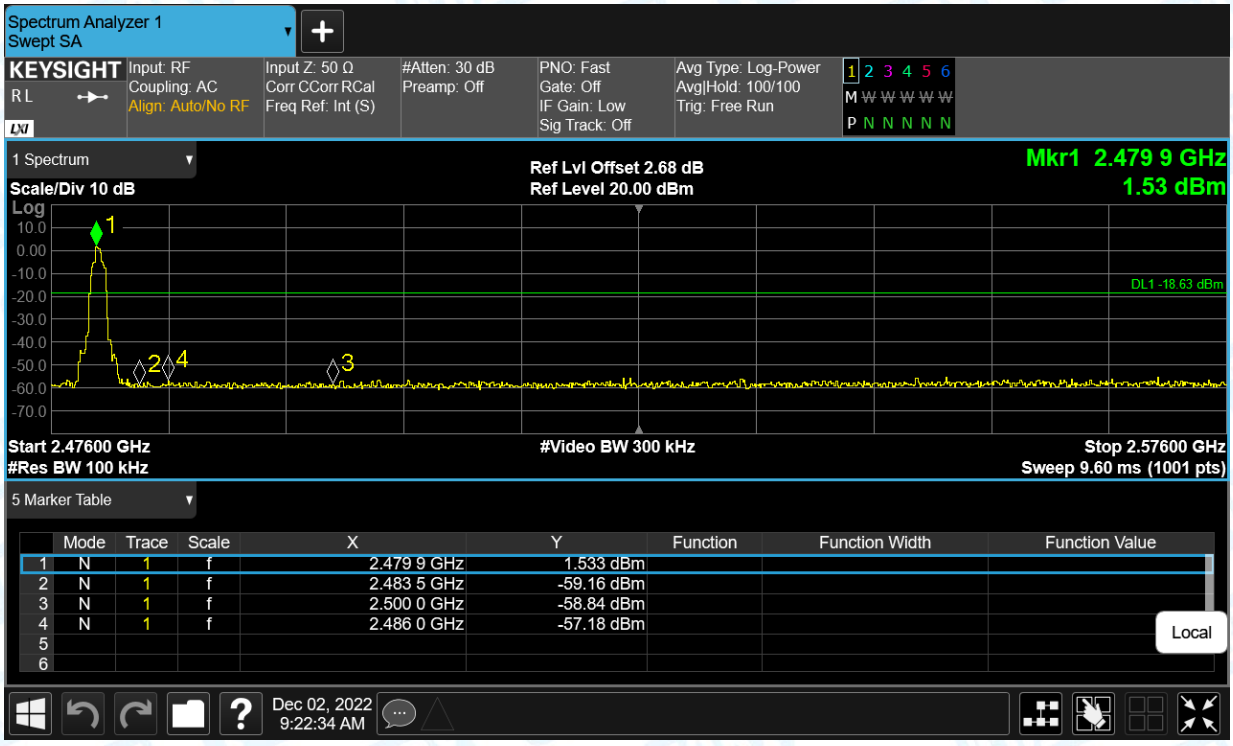
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



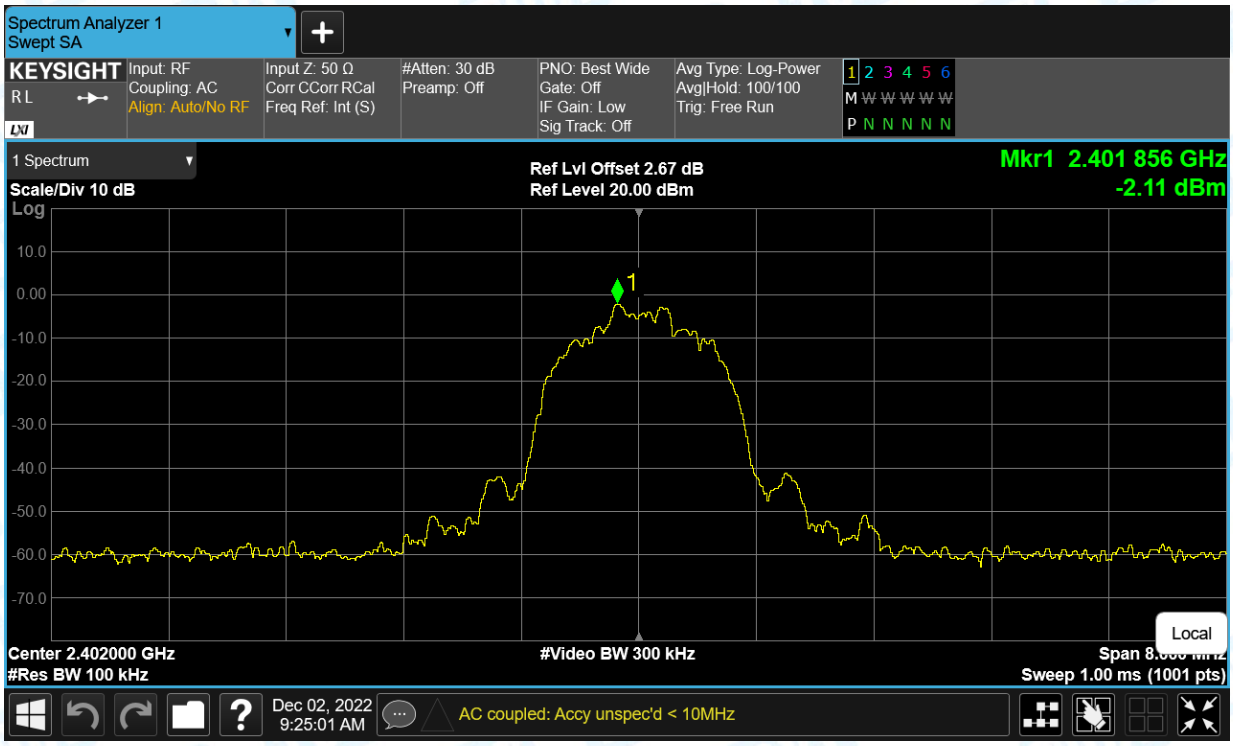
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



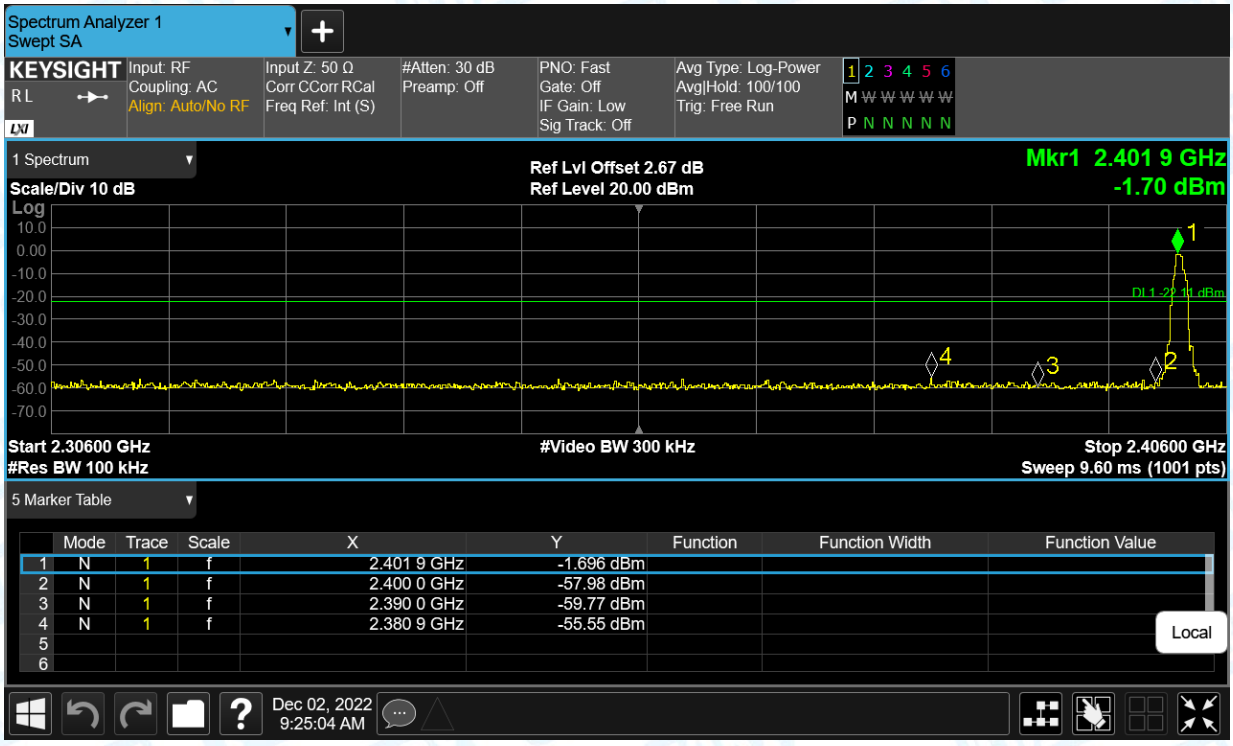
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



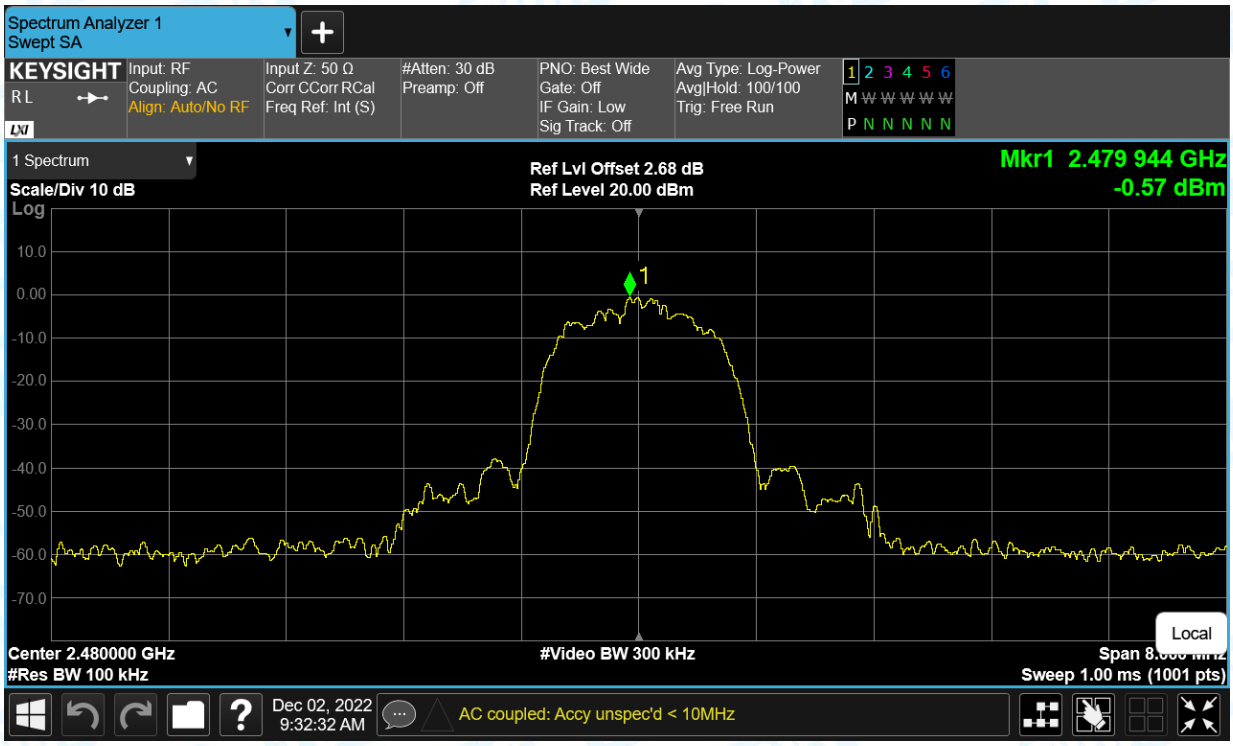
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



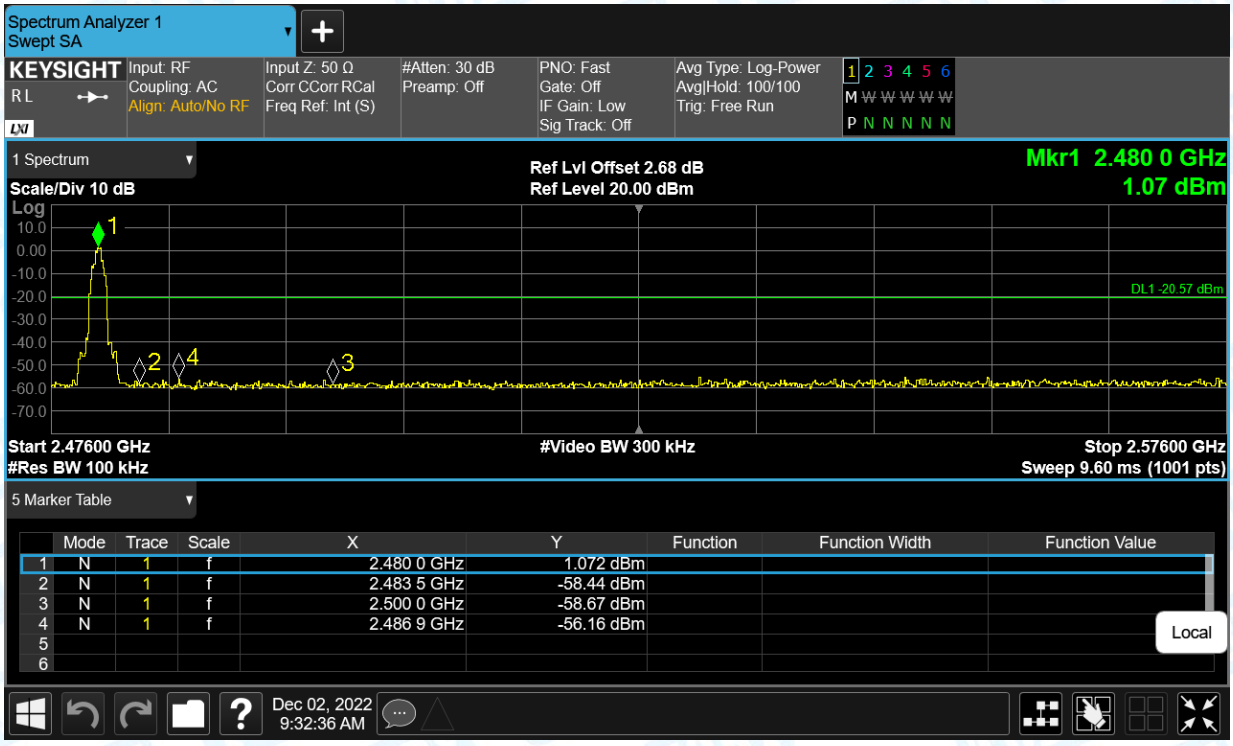
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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

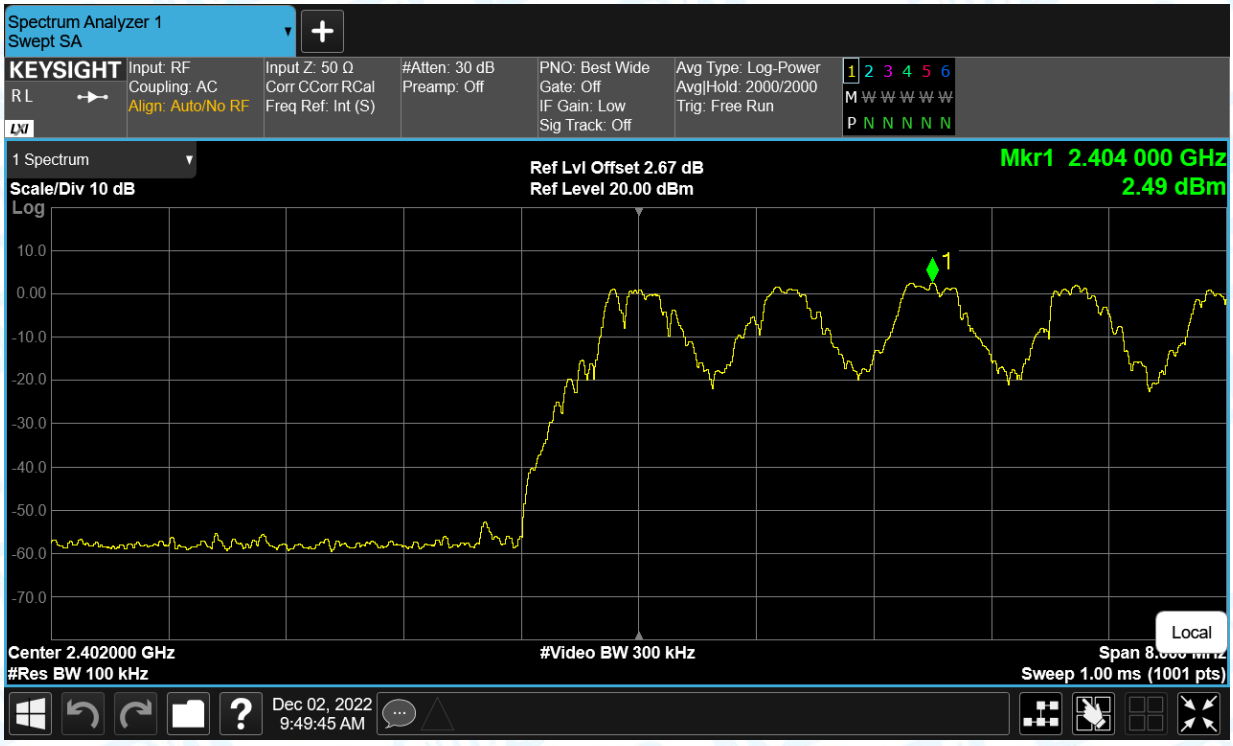


6. Band Edge(Hopping)

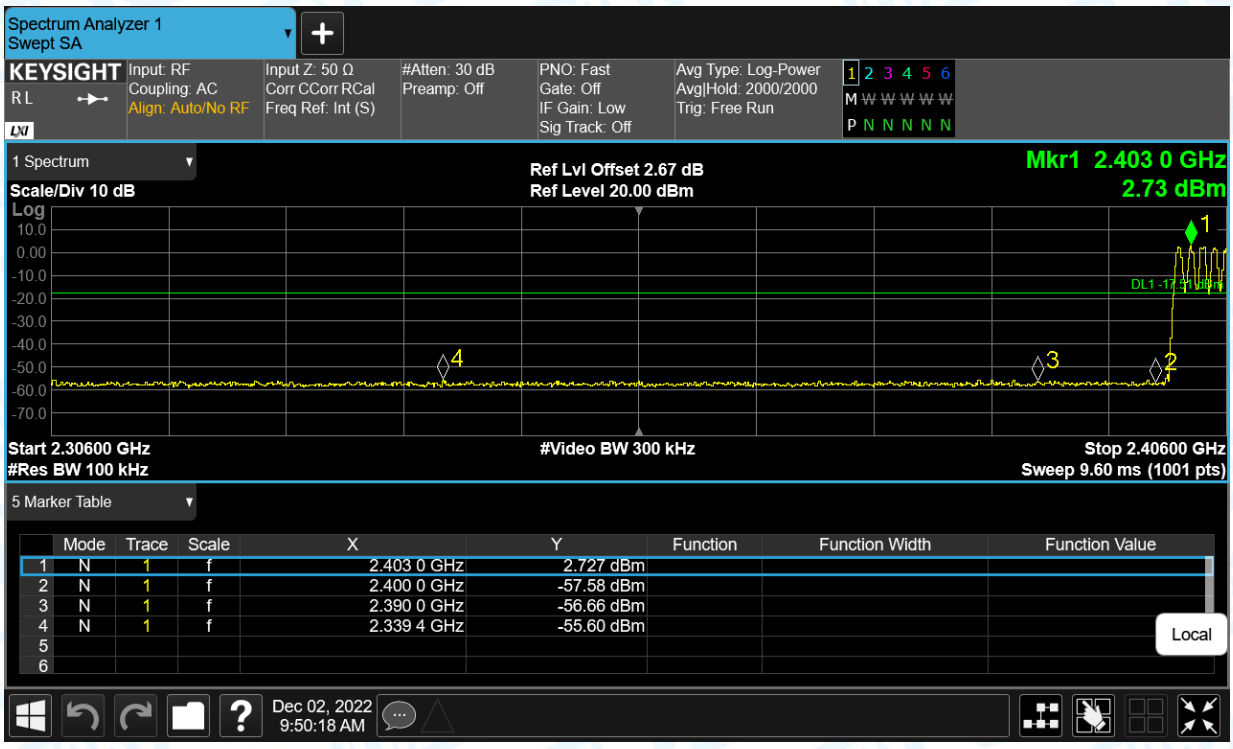
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-58.1	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-56.58	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-56.87	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-56.6	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-56.69	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-56.08	-20	Pass

Test Graphs

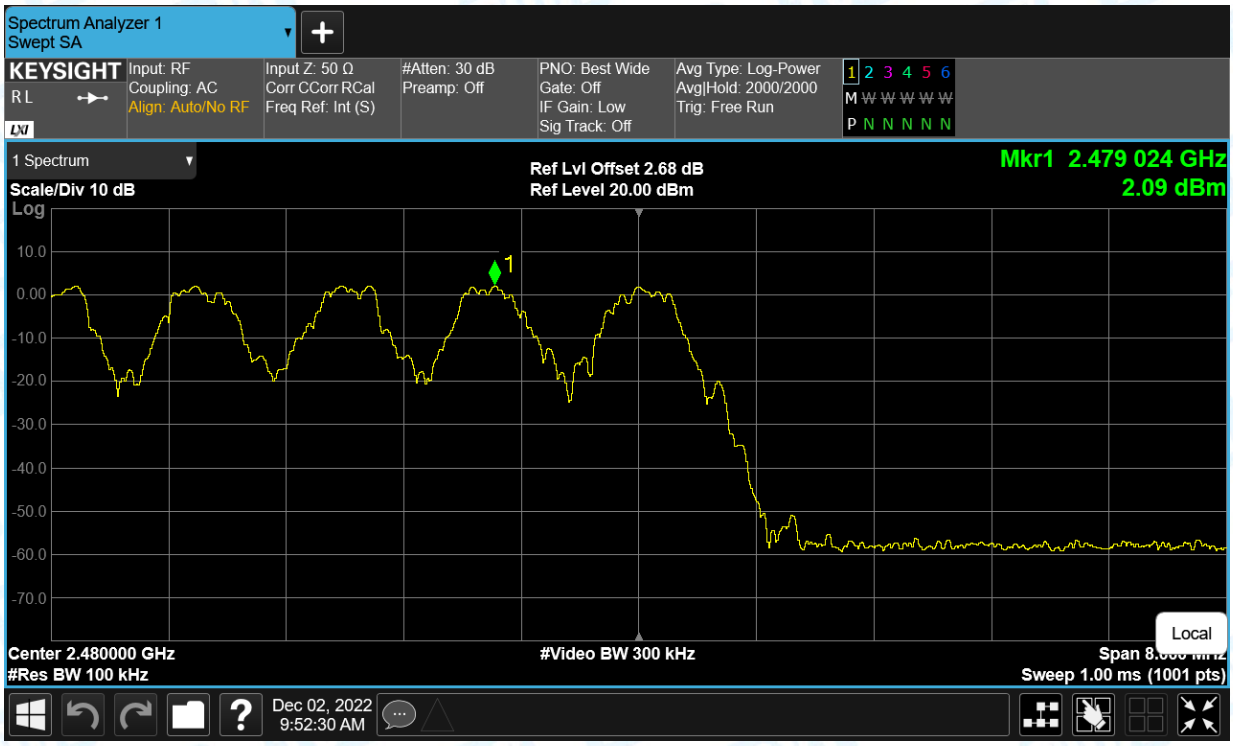
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



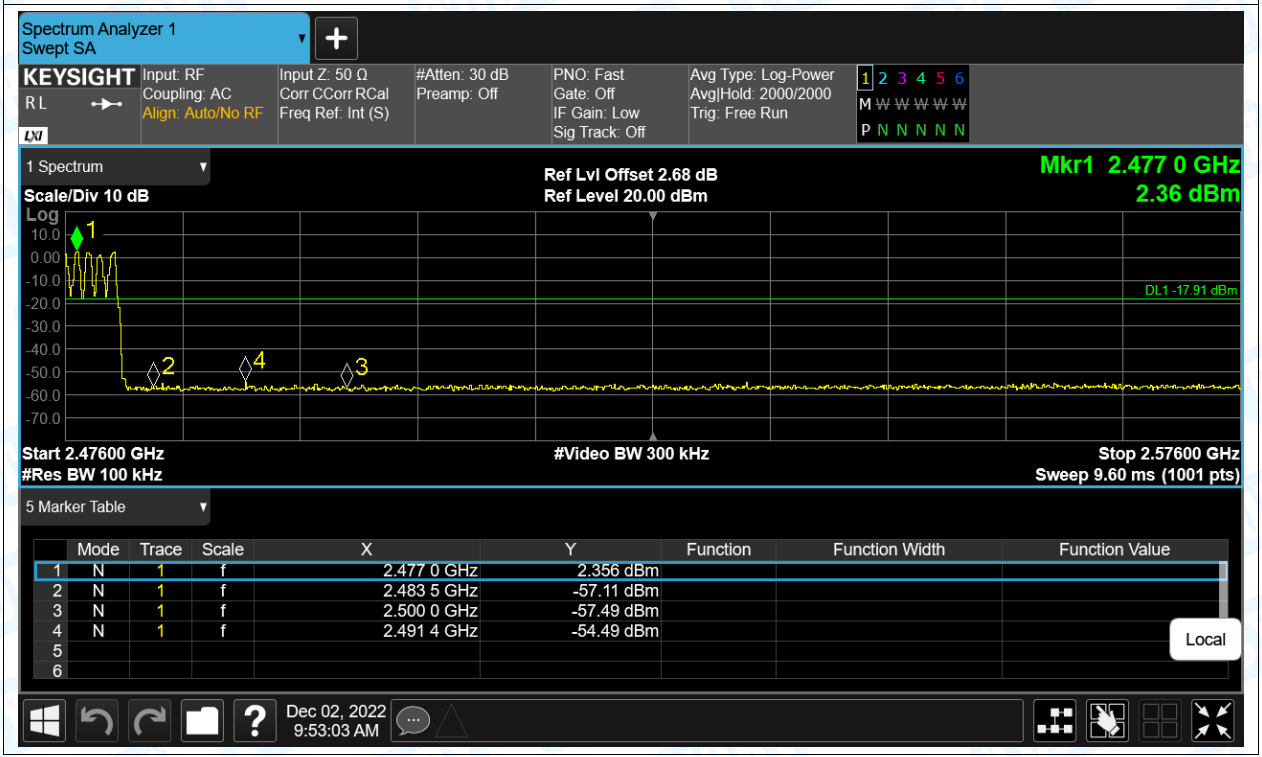
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



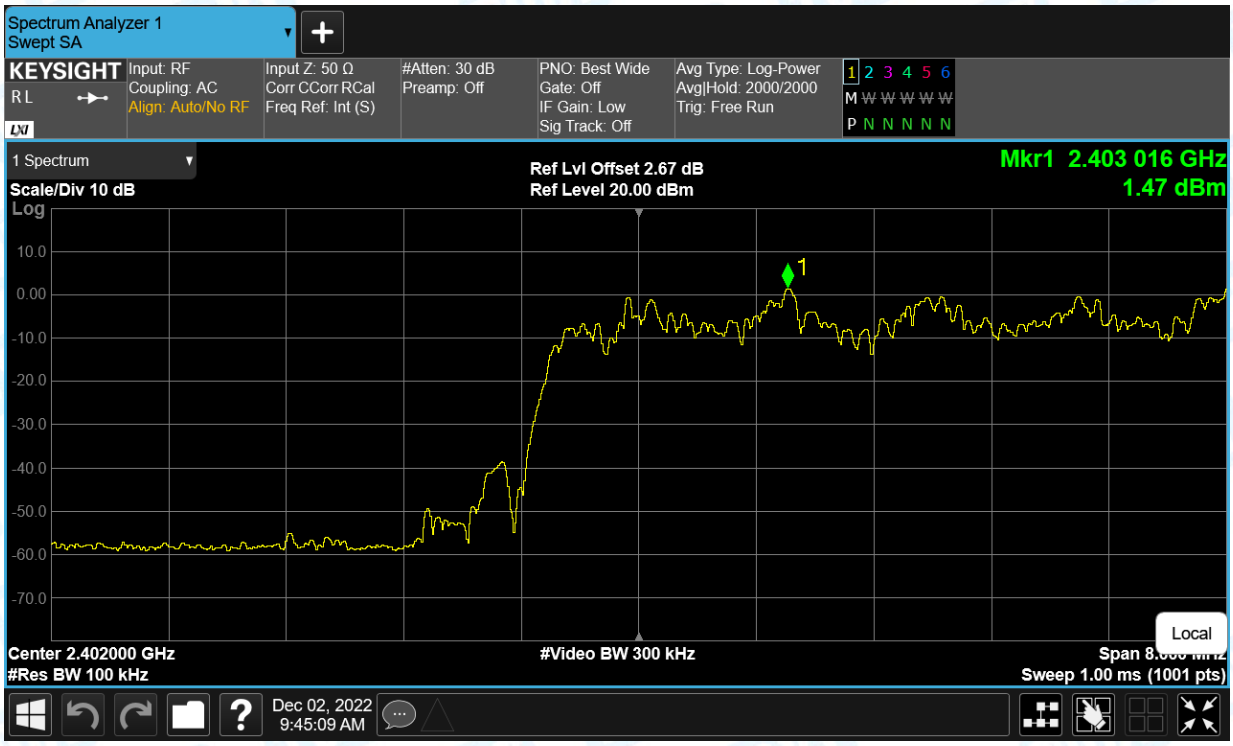
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



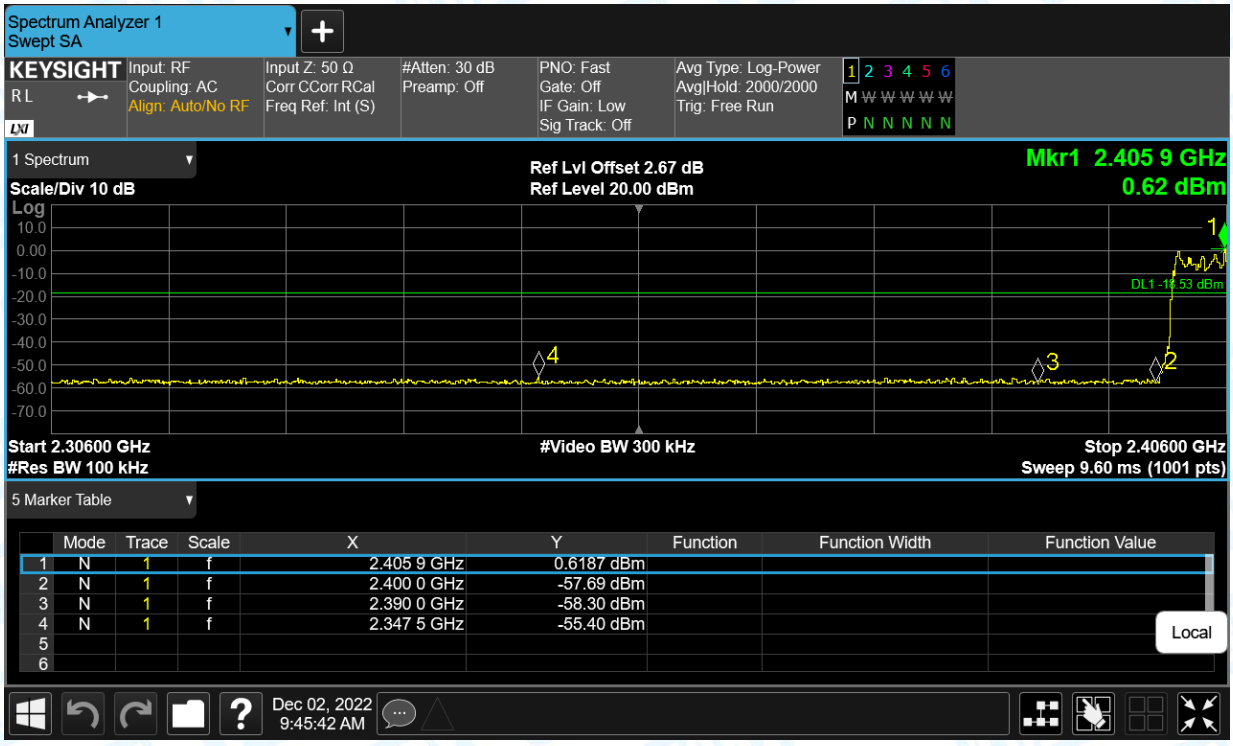
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



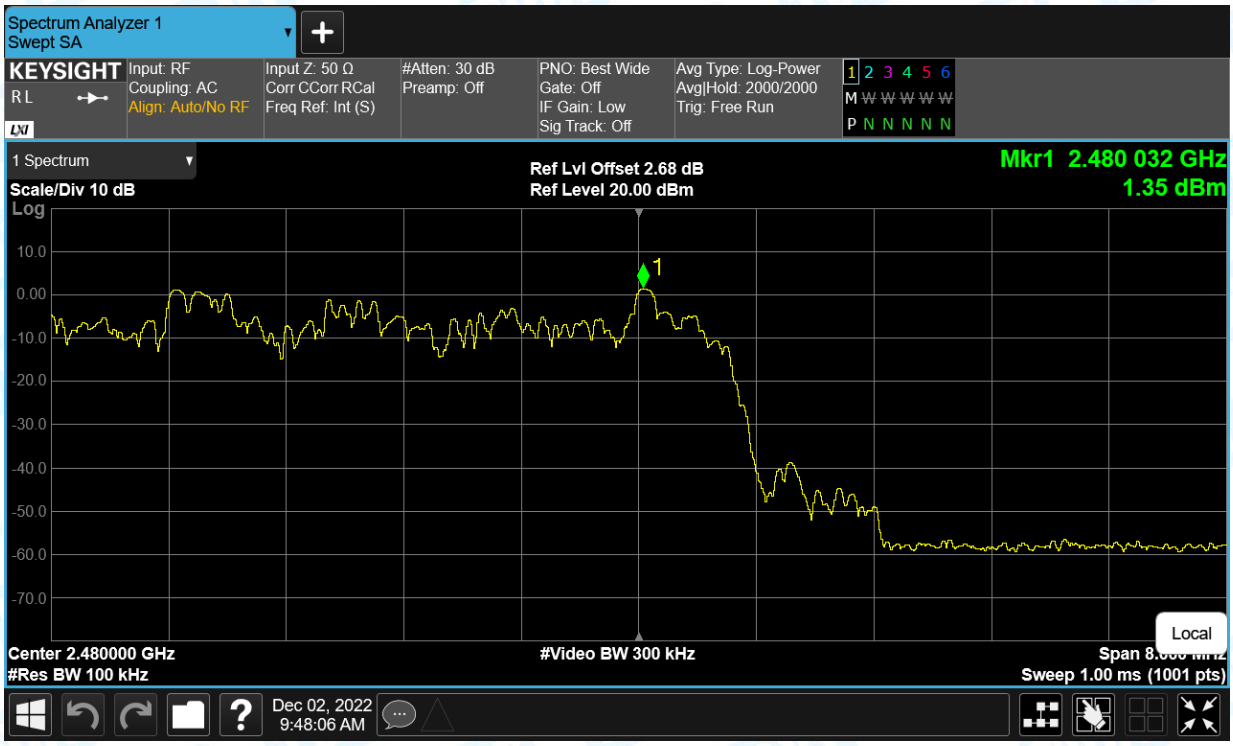
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



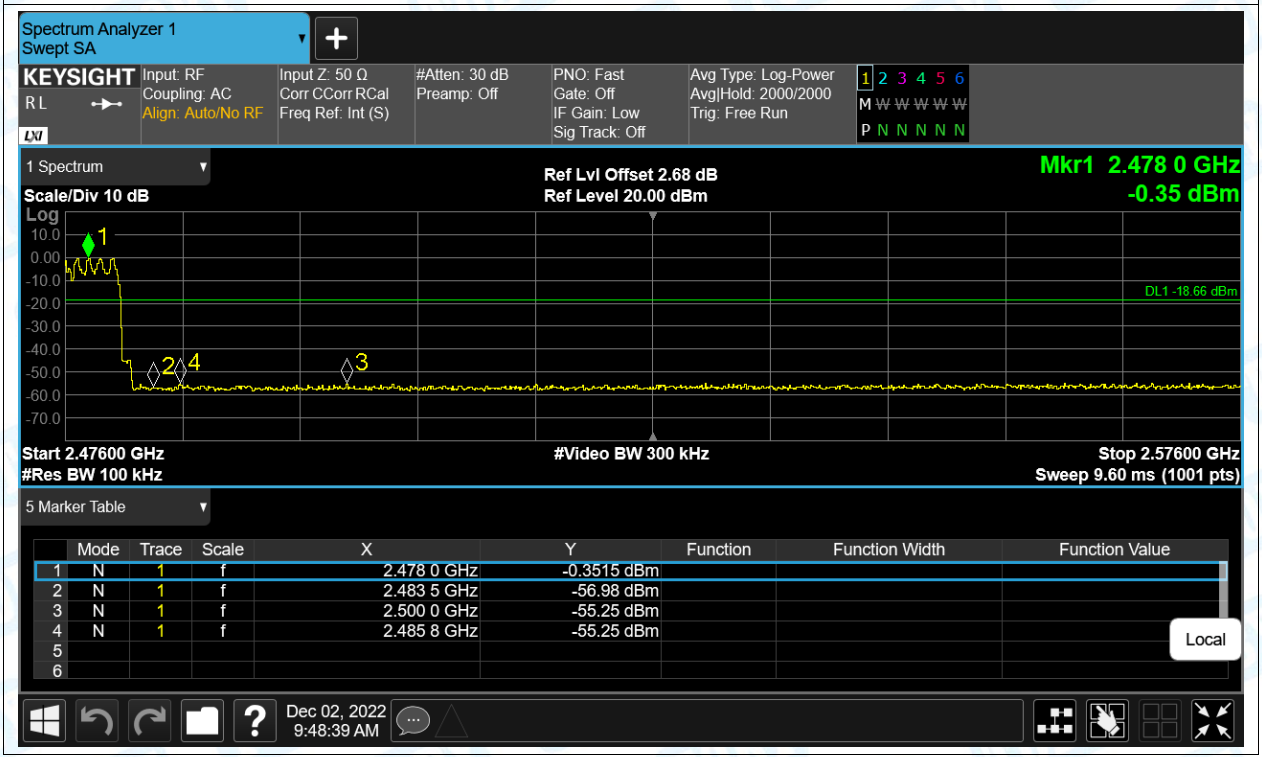
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



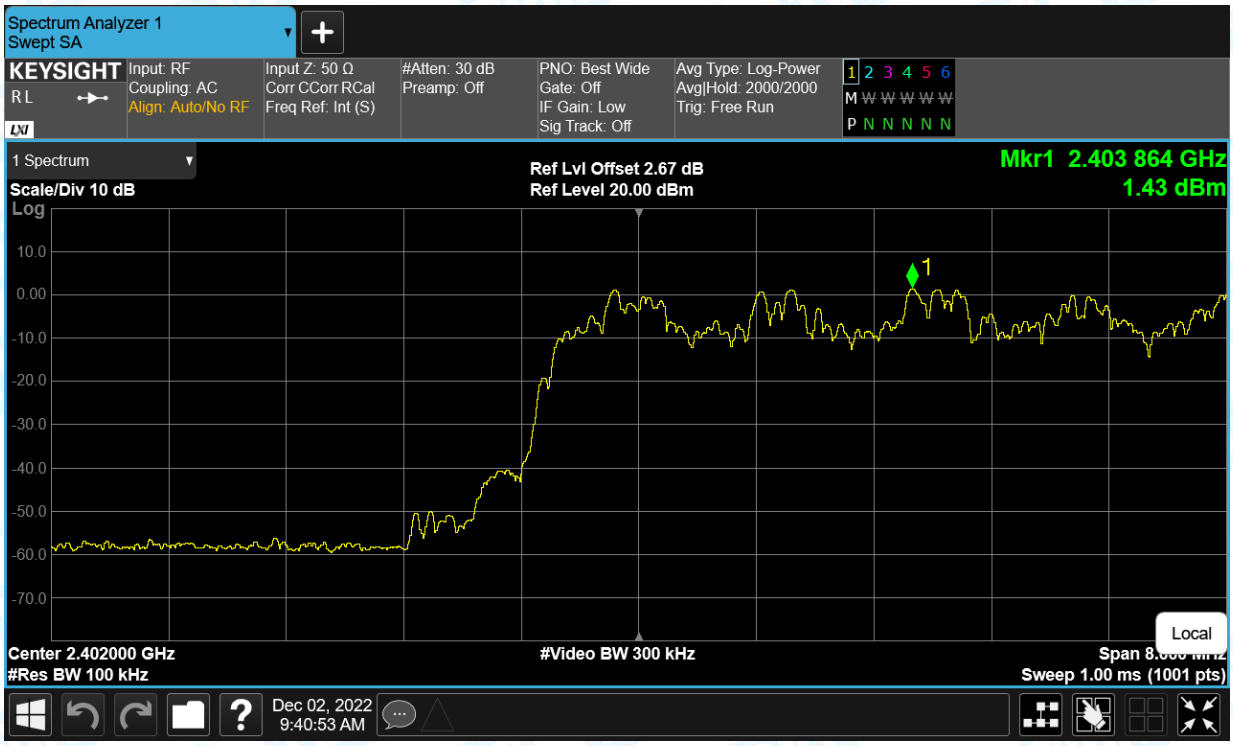
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



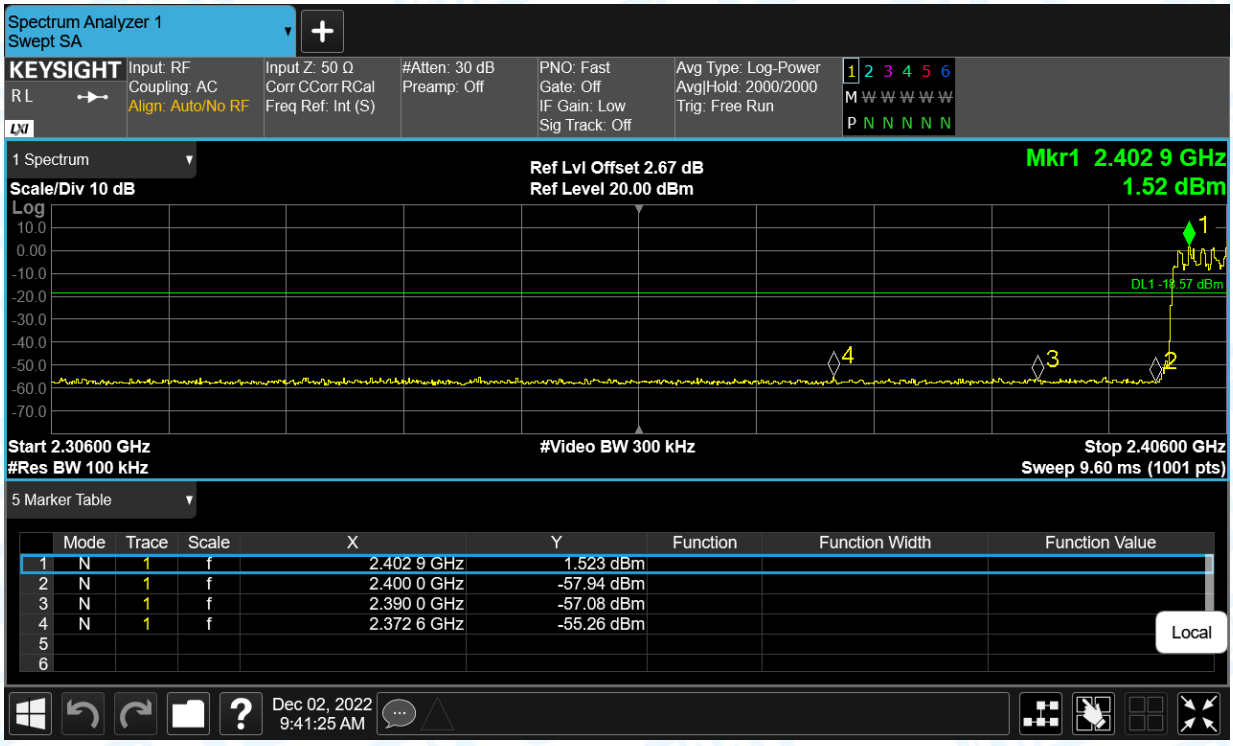
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



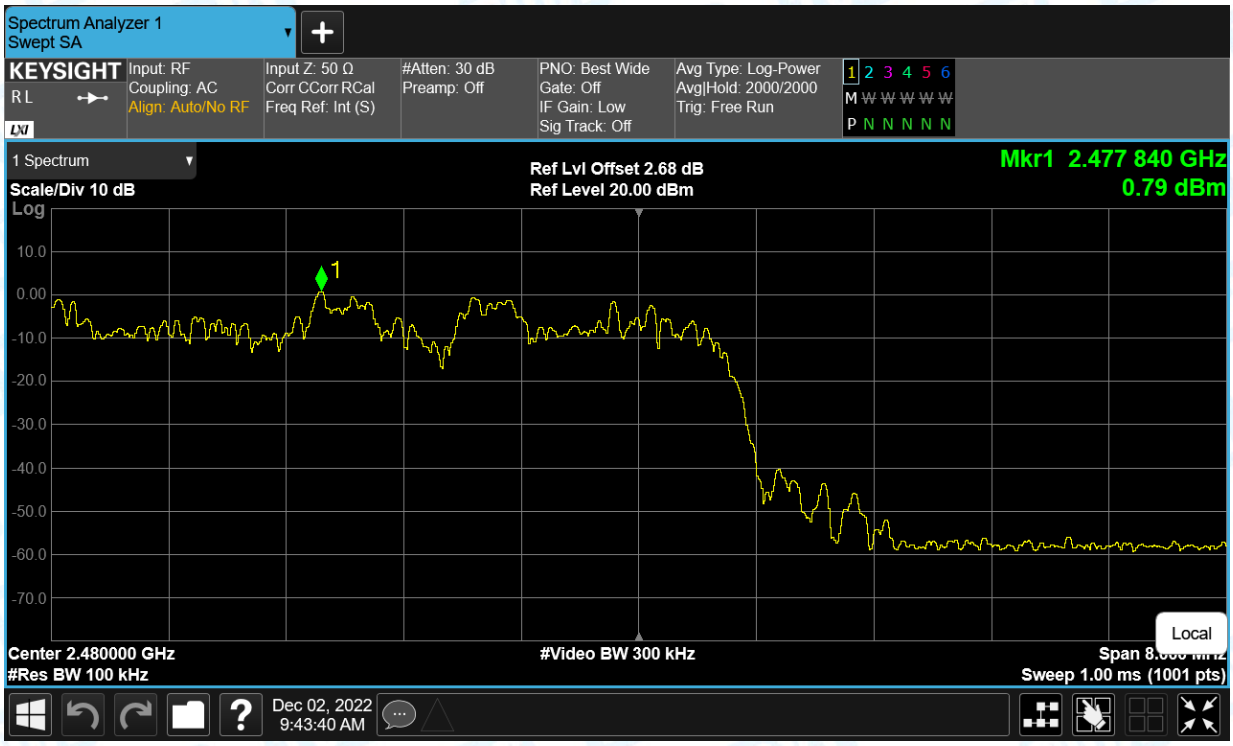
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission