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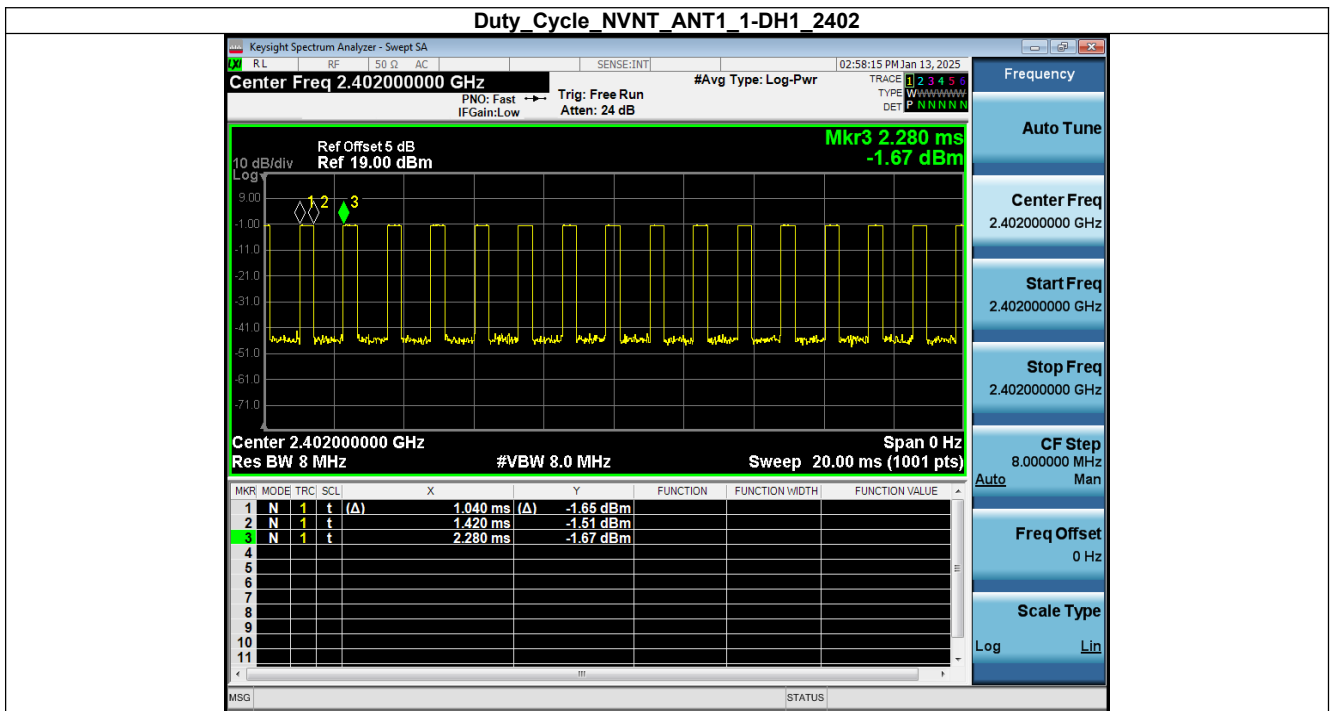
# Report No.:NCT24051453E1-2

## FCC ID:2BMXP-BTW001PRO

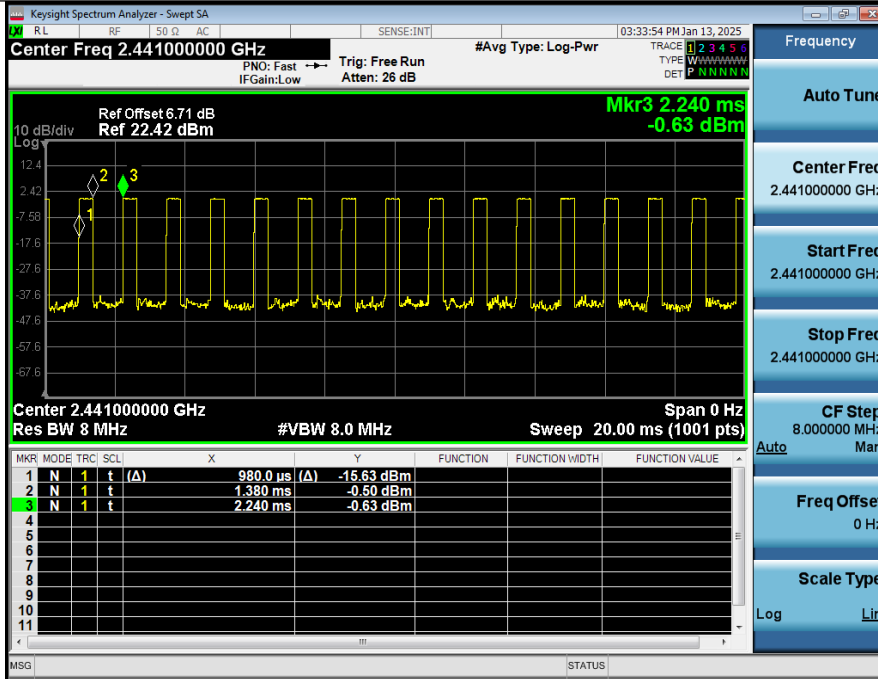
### FCC\_BT (Part15.247) Test Data

#### 1. Duty Cycle

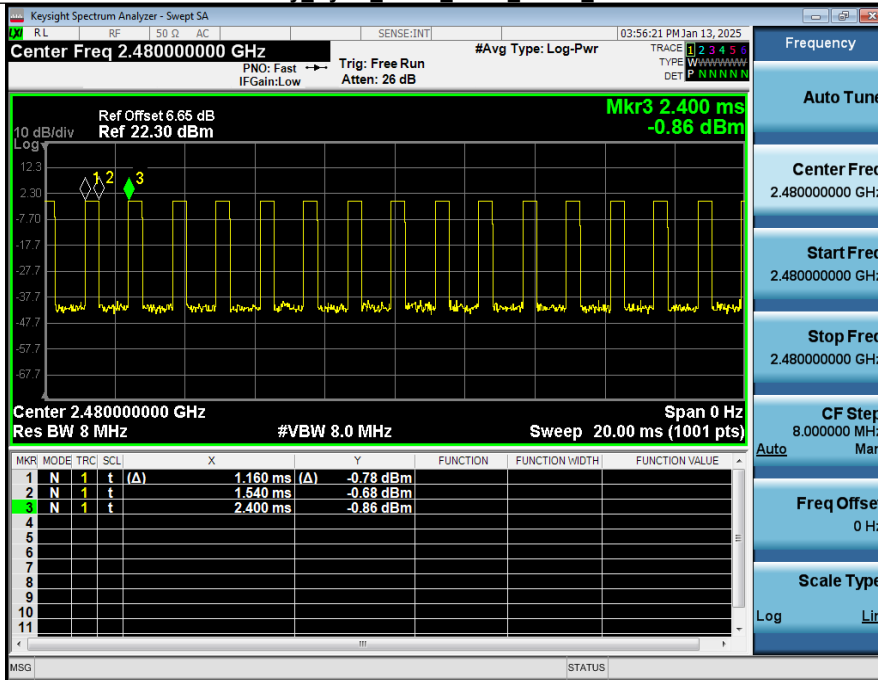
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	32.26	4.91
NVNT	ANT1	1-DH1	2441.00	33.33	4.77
NVNT	ANT1	1-DH1	2480.00	32.26	4.91
NVNT	ANT1	2-DH1	2402.00	31.75	4.98
NVNT	ANT1	2-DH1	2441.00	32.26	4.91
NVNT	ANT1	2-DH1	2480.00	30.65	5.14
NVNT	ANT1	3-DH1	2402.00	31.75	4.98
NVNT	ANT1	3-DH1	2441.00	31.75	4.98
NVNT	ANT1	3-DH1	2480.00	31.75	4.98



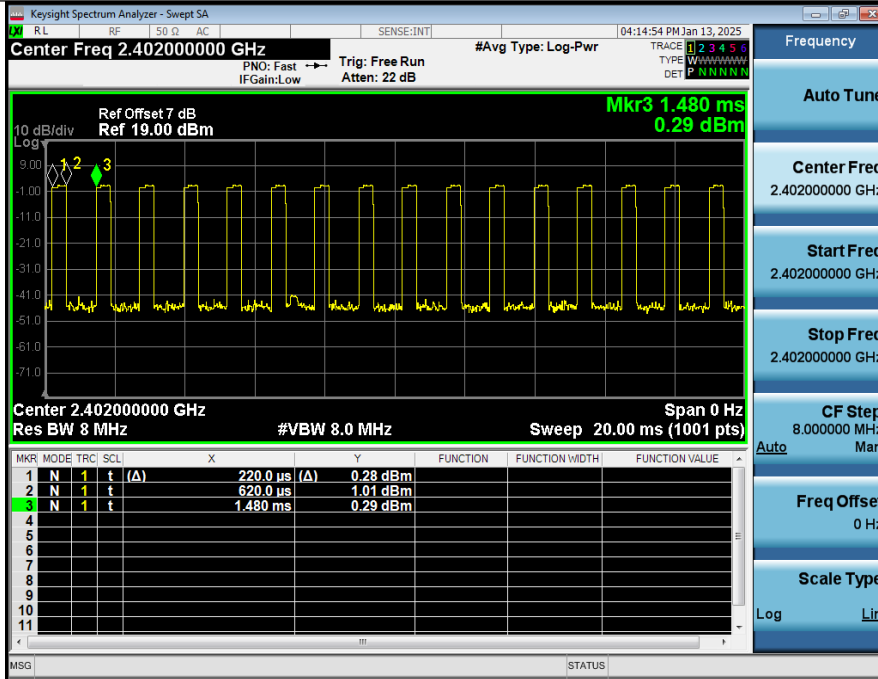
### Duty Cycle NVNT\_ANT1\_1-DH1\_2441



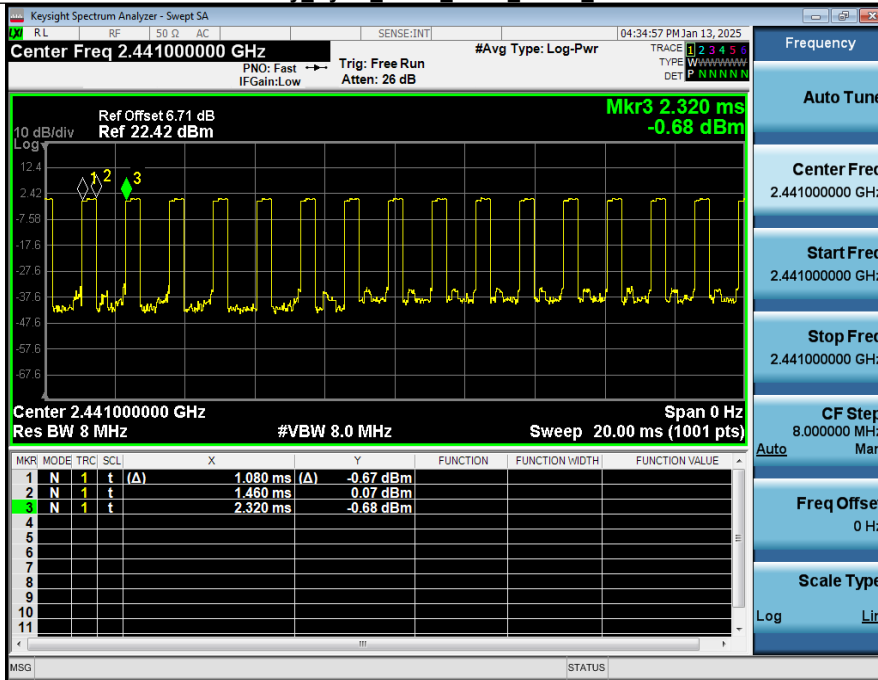
### Duty Cycle NVNT\_ANT1\_1-DH1\_2480



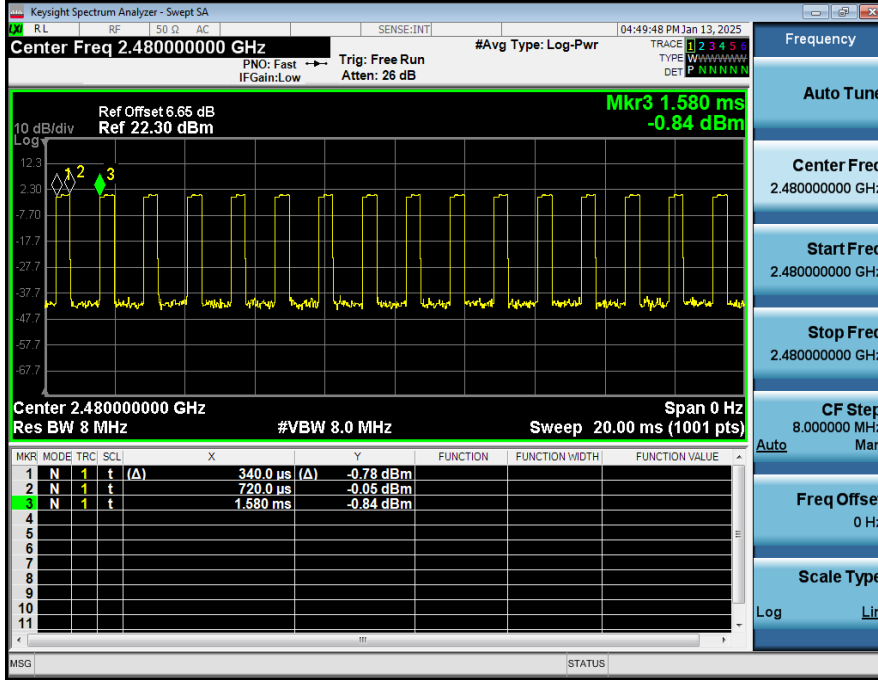
### Duty Cycle\_NVNT\_ANT1\_2-DH1\_2402



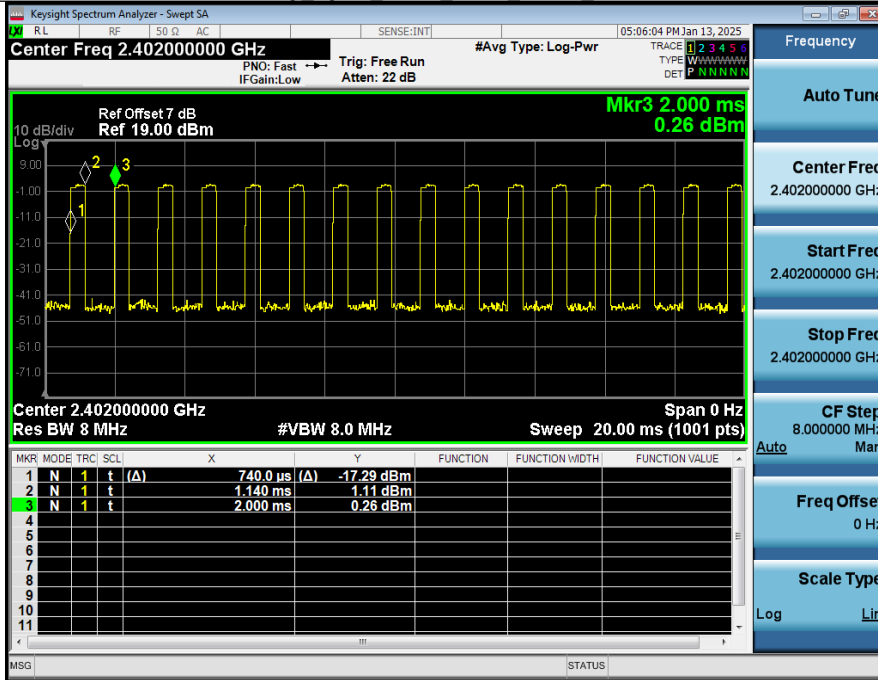
### Duty Cycle\_NVNT\_ANT1\_2-DH1\_2441



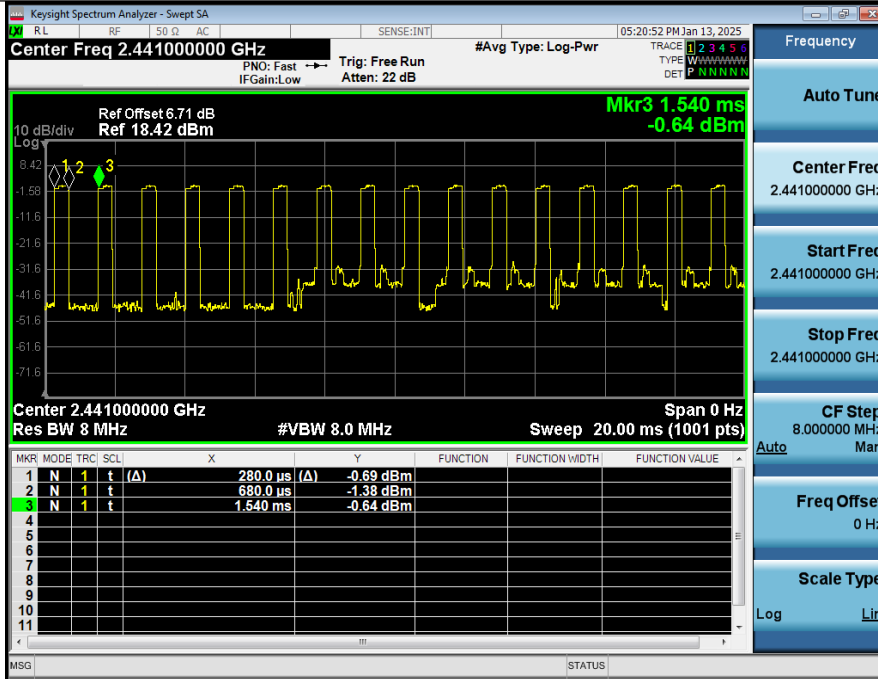
### Duty Cycle NVNT\_ANT1\_2-DH1\_2480



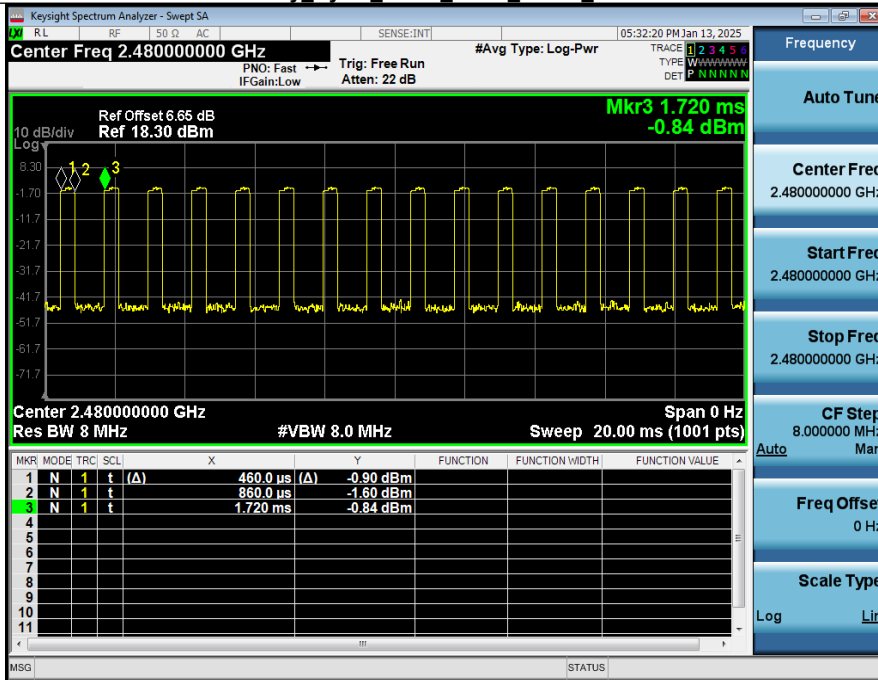
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### Duty Cycle\_NVNT\_ANT1\_3-DH1\_2441

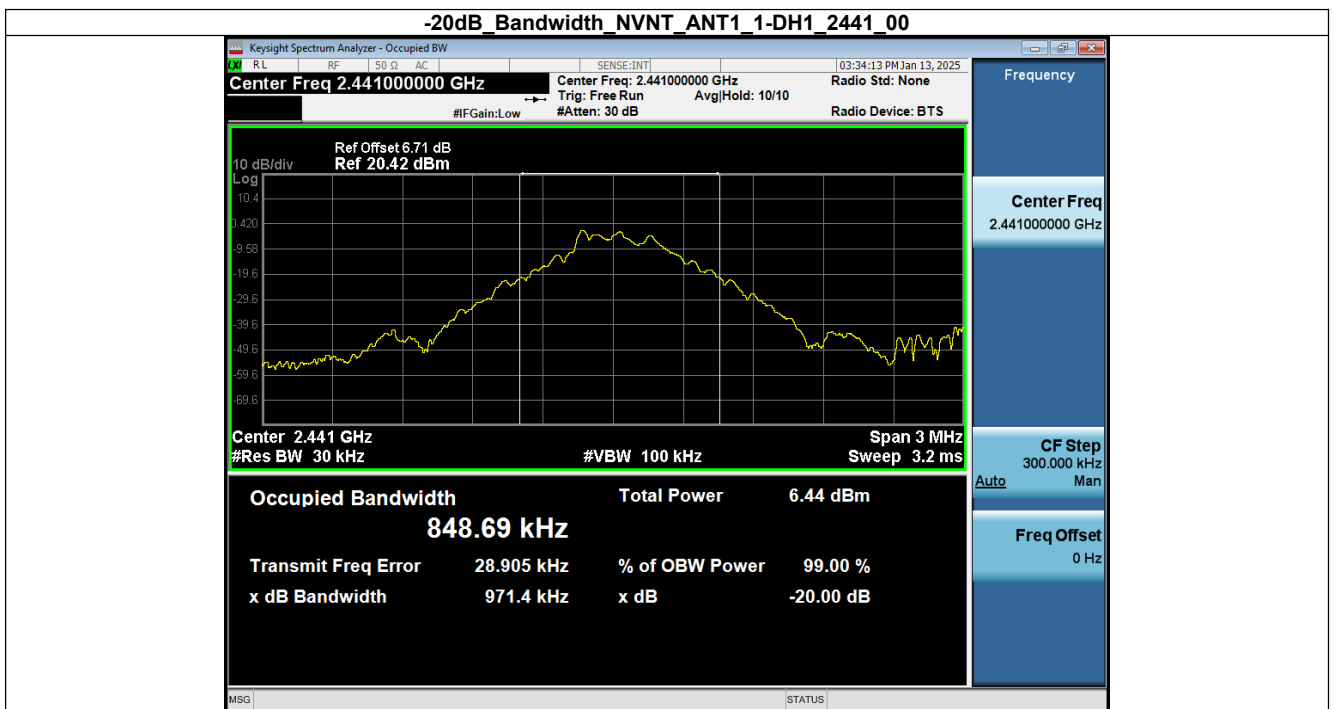
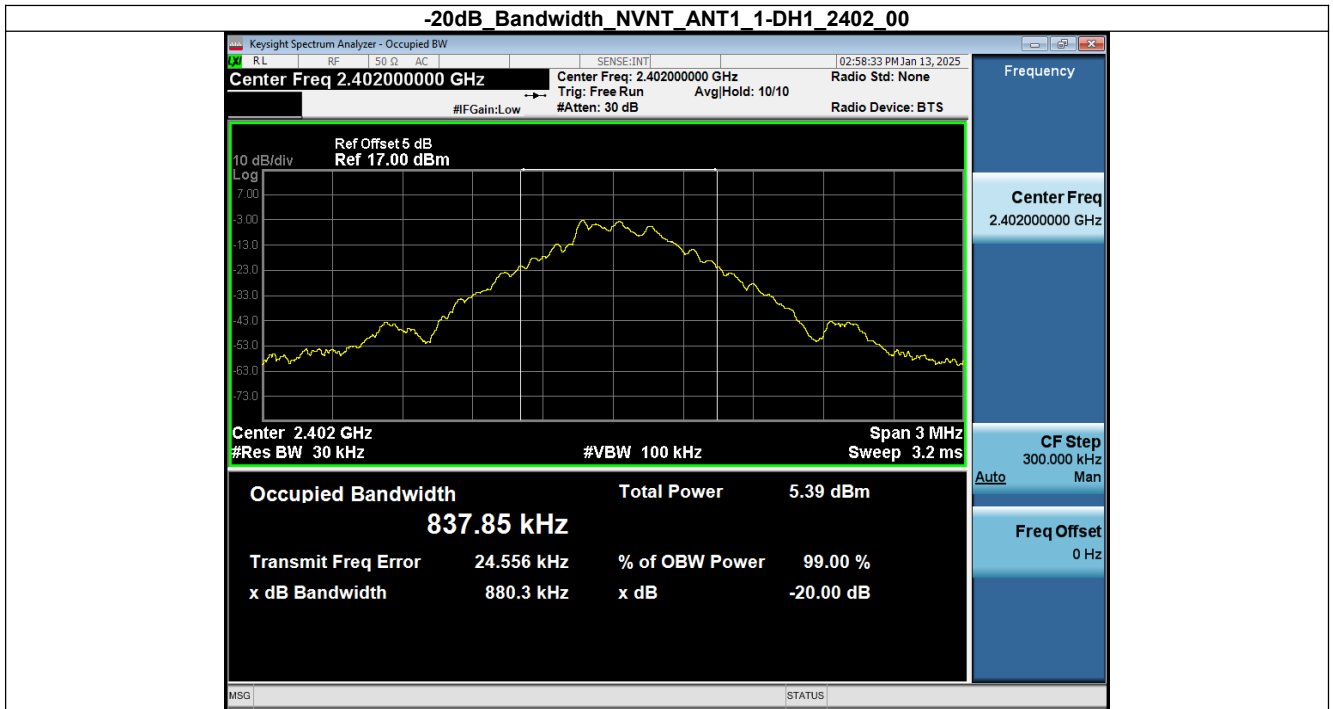


### Duty Cycle\_NVNT\_ANT1\_3-DH1\_2480



## 2. -20dB Bandwidth

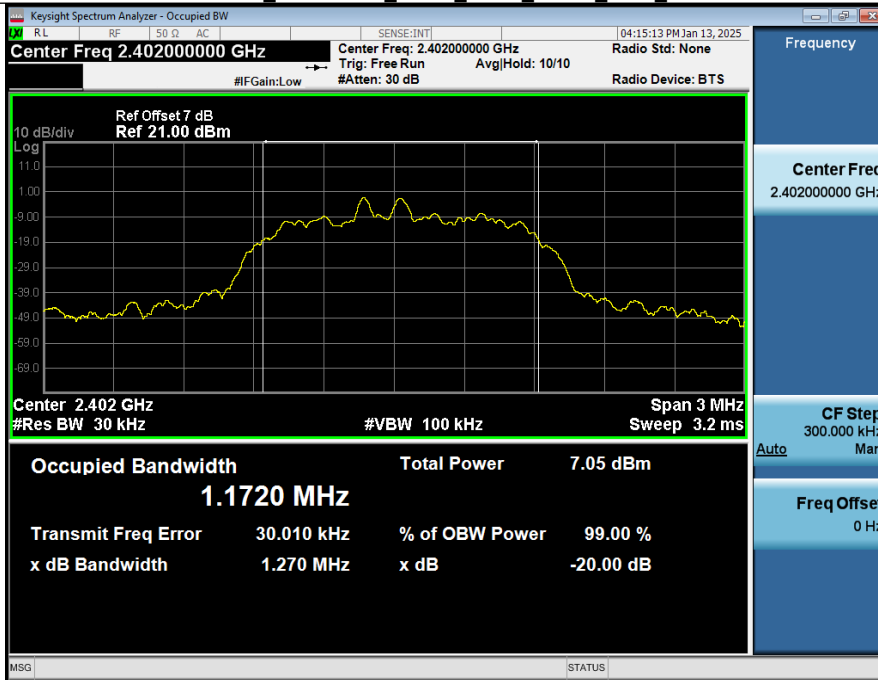
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.880	No
NVNT	ANT1	1-DH1	2441.00	0.971	No
NVNT	ANT1	1-DH1	2480.00	0.924	No
NVNT	ANT1	2-DH1	2402.00	1.270	Yes
NVNT	ANT1	2-DH1	2441.00	1.276	Yes
NVNT	ANT1	2-DH1	2480.00	1.273	Yes
NVNT	ANT1	3-DH1	2402.00	1.224	Yes
NVNT	ANT1	3-DH1	2441.00	1.226	Yes
NVNT	ANT1	3-DH1	2480.00	1.251	Yes



**-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2480\_00**

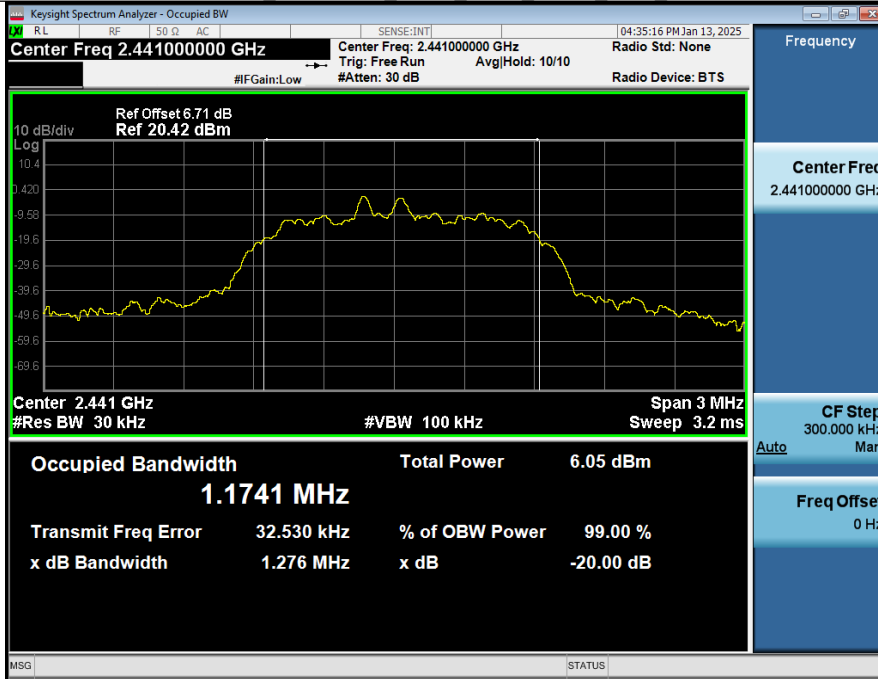


**-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2402\_00**

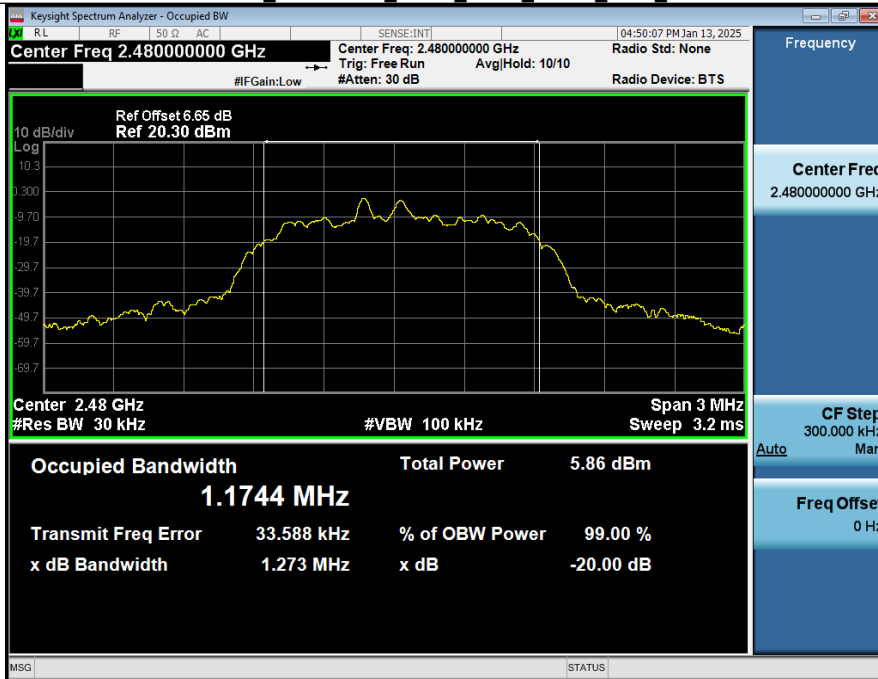




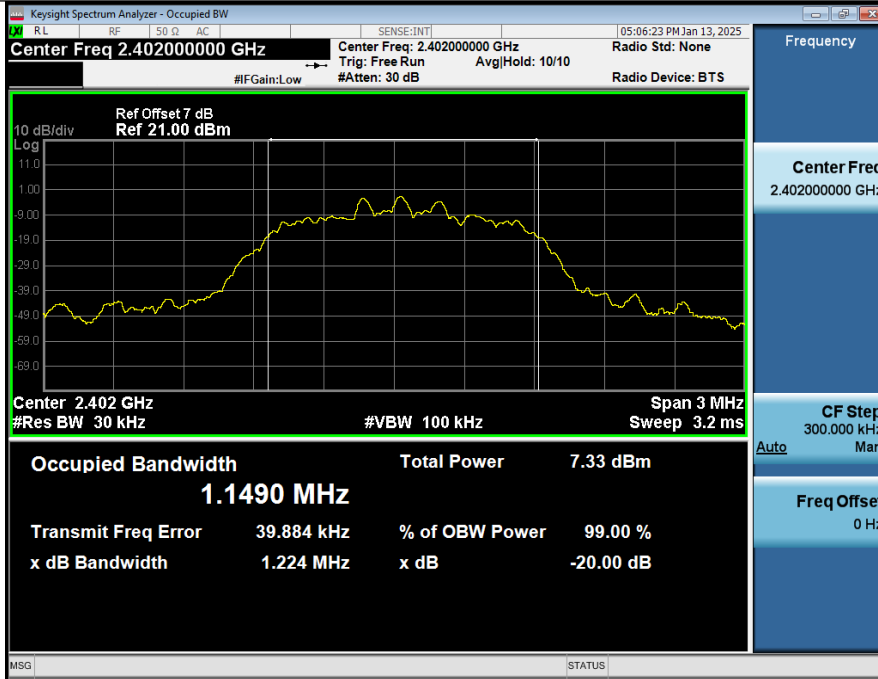
**-20dB Bandwidth\_NVNT\_ANT1\_2-DH1\_2441\_00**



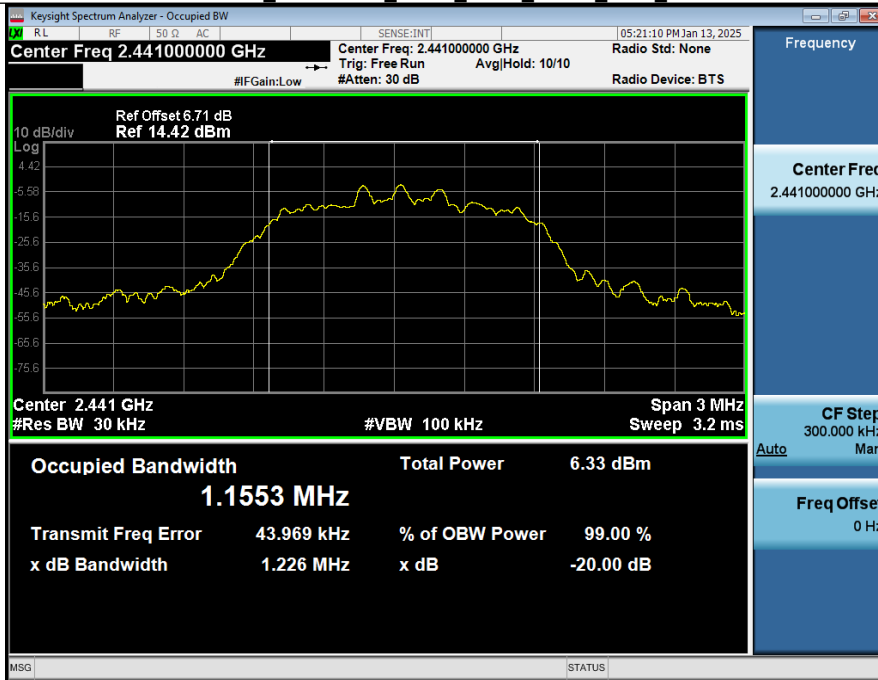
**-20dB Bandwidth\_NVNT\_ANT1\_2-DH1\_2480\_00**



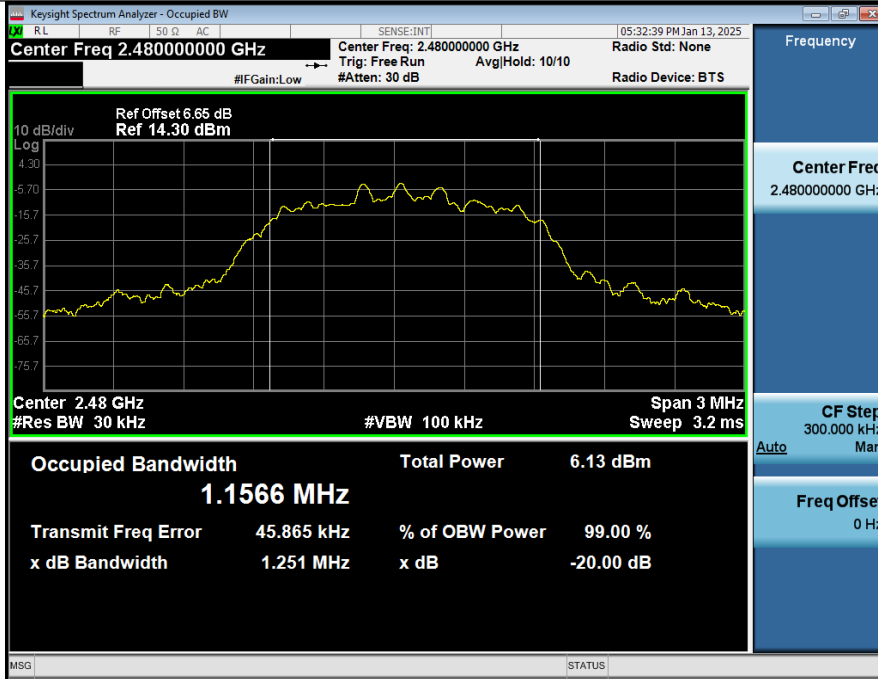
**-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2402\_00**



**-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2441\_00**

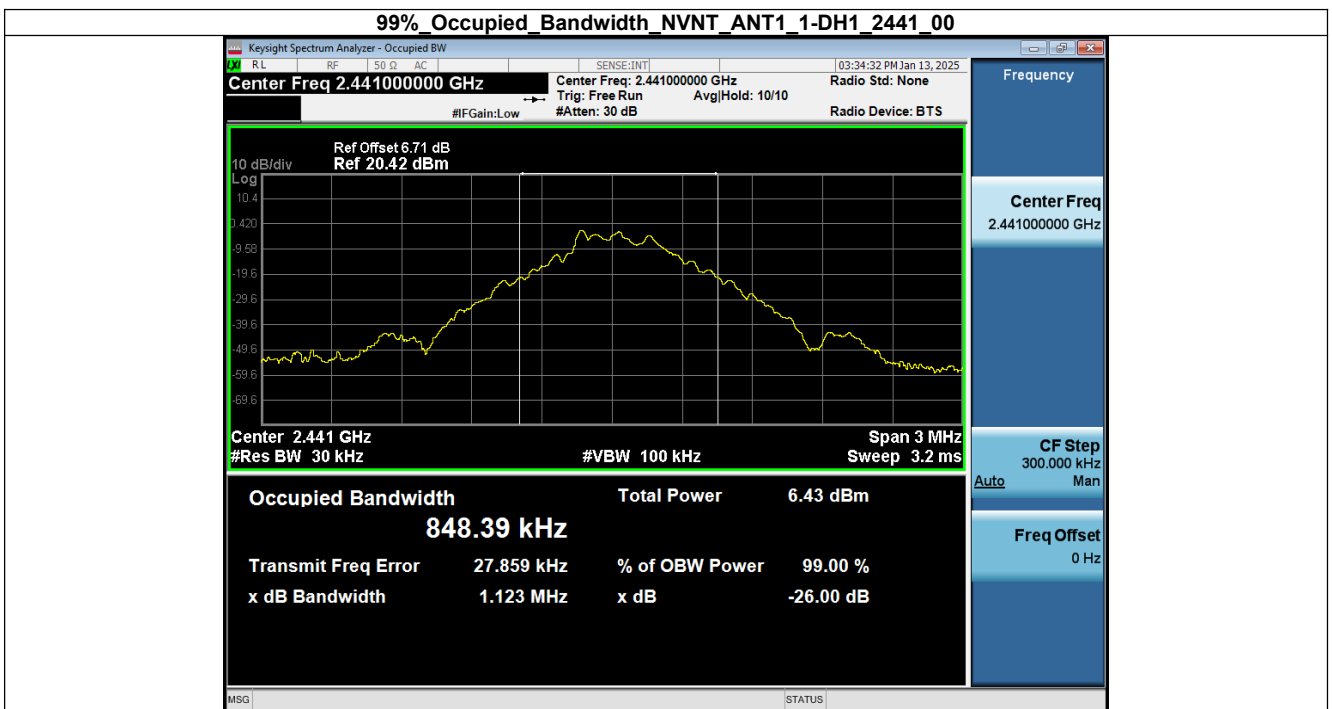
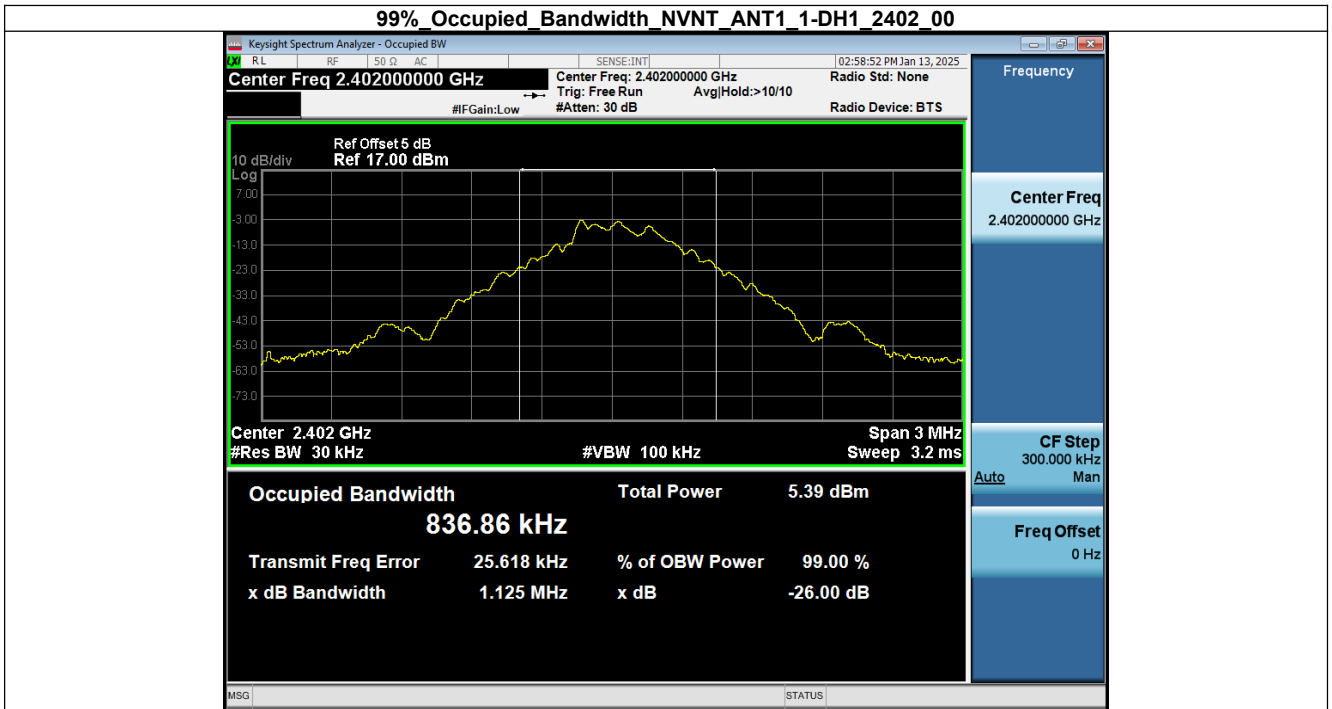


**-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH1\_2480\_00**



### 3. 99% Occupied Bandwidth

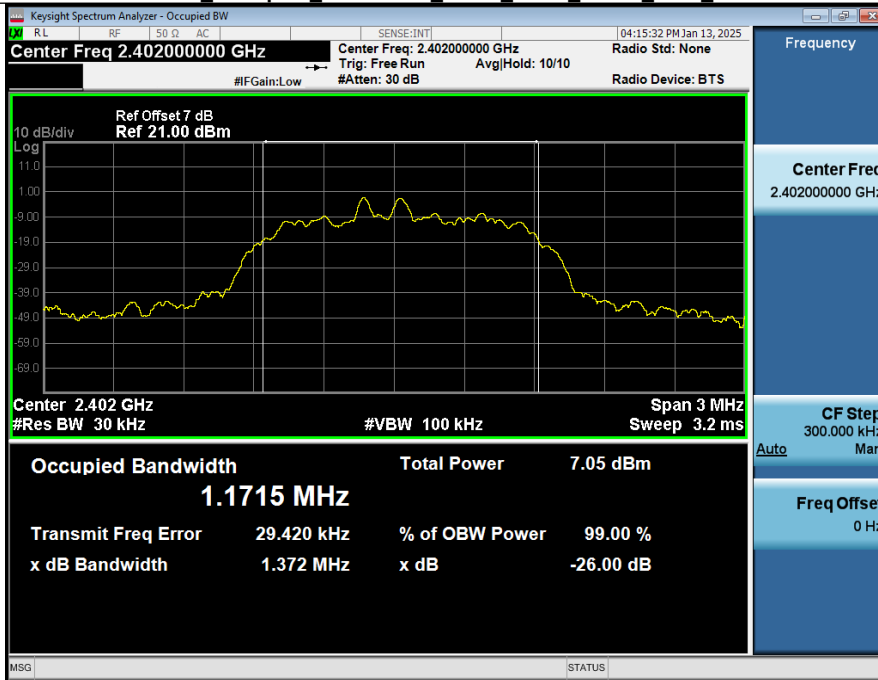
Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH1	2402.00	0.837
NVNT	ANT1	1-DH1	2441.00	0.848
NVNT	ANT1	1-DH1	2480.00	0.849
NVNT	ANT1	2-DH1	2402.00	1.172
NVNT	ANT1	2-DH1	2441.00	1.175
NVNT	ANT1	2-DH1	2480.00	1.174
NVNT	ANT1	3-DH1	2402.00	1.149
NVNT	ANT1	3-DH1	2441.00	1.155
NVNT	ANT1	3-DH1	2480.00	1.156



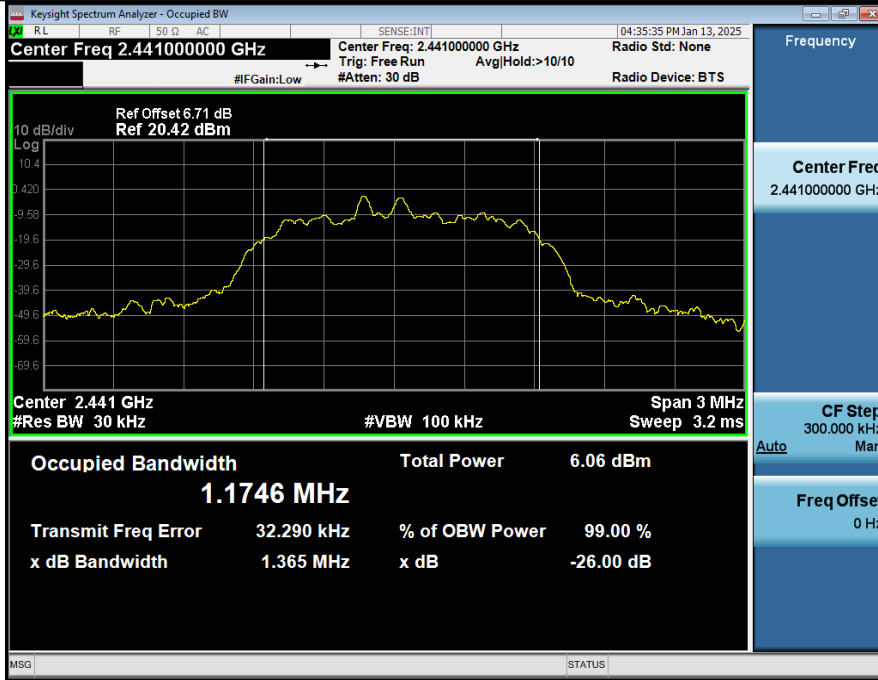
99% Occupied Bandwidth NVNT\_ANT1\_1-DH1\_2480\_00



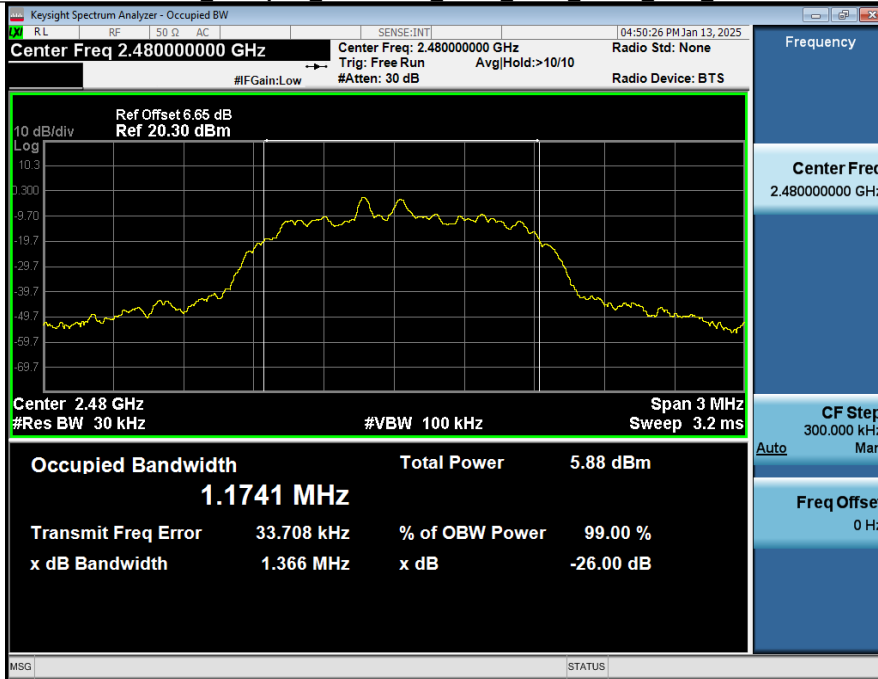
99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2402\_00



99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2441\_00



99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2480\_00



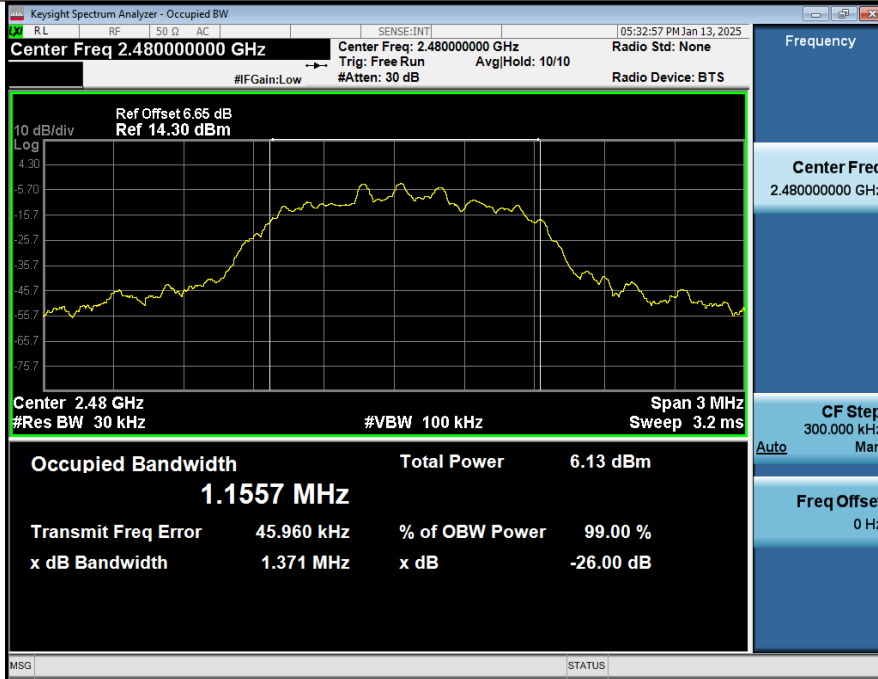
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99% Occupied Bandwidth NVNT\_ANT1\_3-DH1\_2441\_00



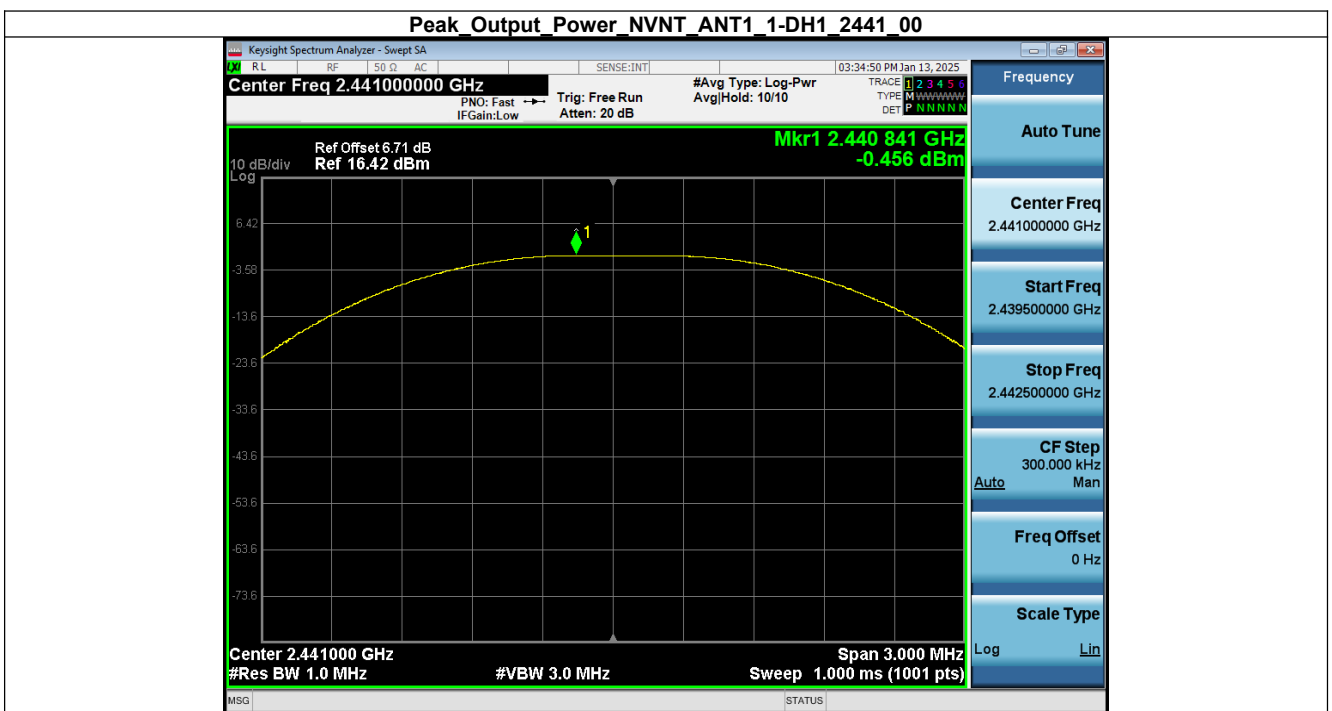
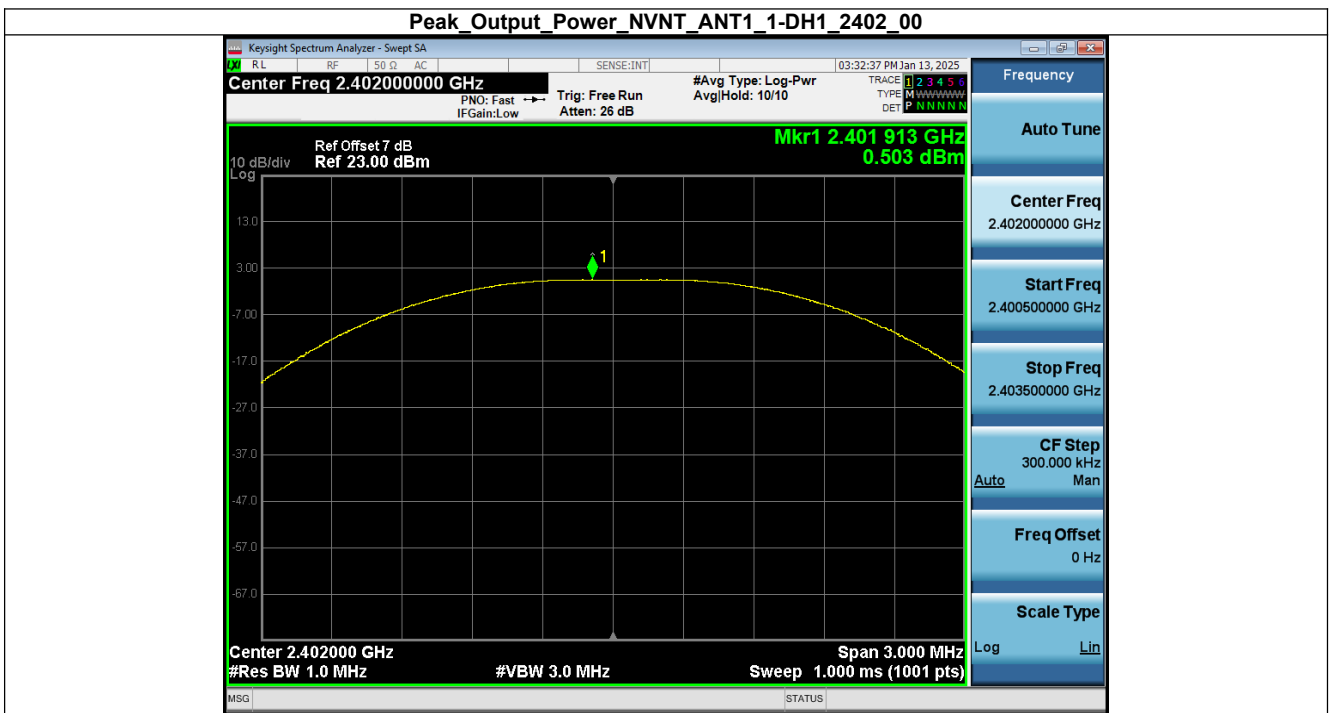
99% Occupied Bandwidth\_NVNT\_ANT1\_3-DH1\_2480\_00



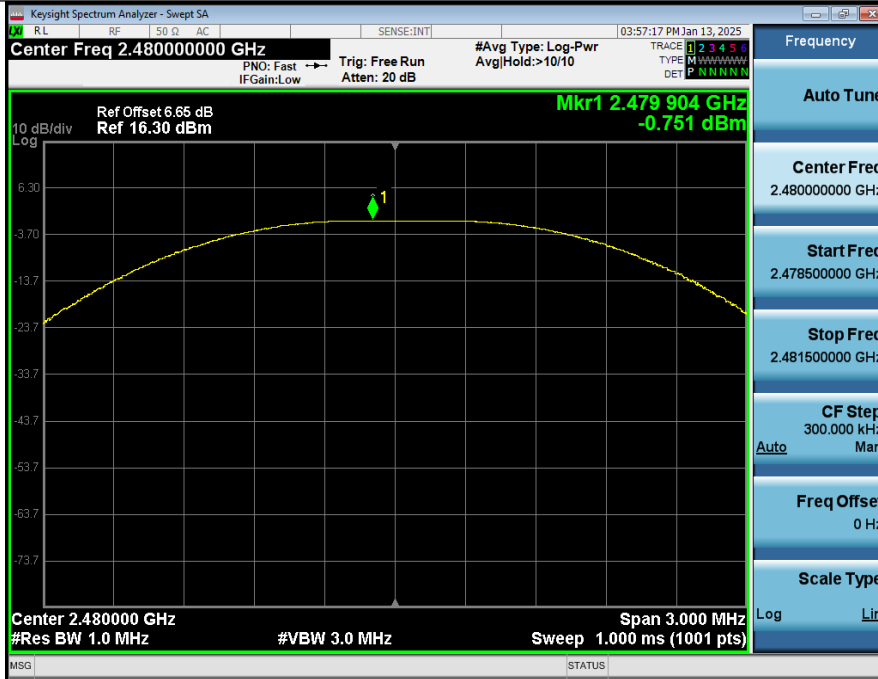


## 4. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	0.50	1.12	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.46	0.90	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-0.75	0.84	1000	Pass
NVNT	ANT1	2-DH1	2402.00	1.20	1.32	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.33	1.08	125	Pass
NVNT	ANT1	2-DH1	2480.00	0.13	1.03	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.70	1.48	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.88	1.22	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.73	1.18	125	Pass



Peak Output Power\_NVNT\_ANT1\_1-DH1\_2480\_00



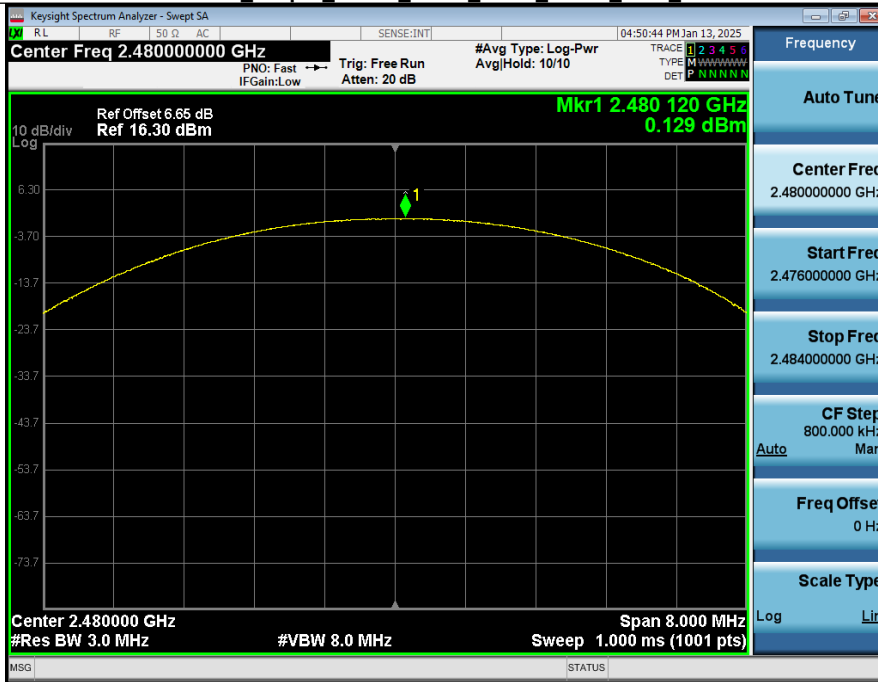
Peak Output Power\_NVNT\_ANT1\_2-DH1\_2402\_00



Peak Output Power\_NVNT\_ANT1\_2-DH1\_2441\_00



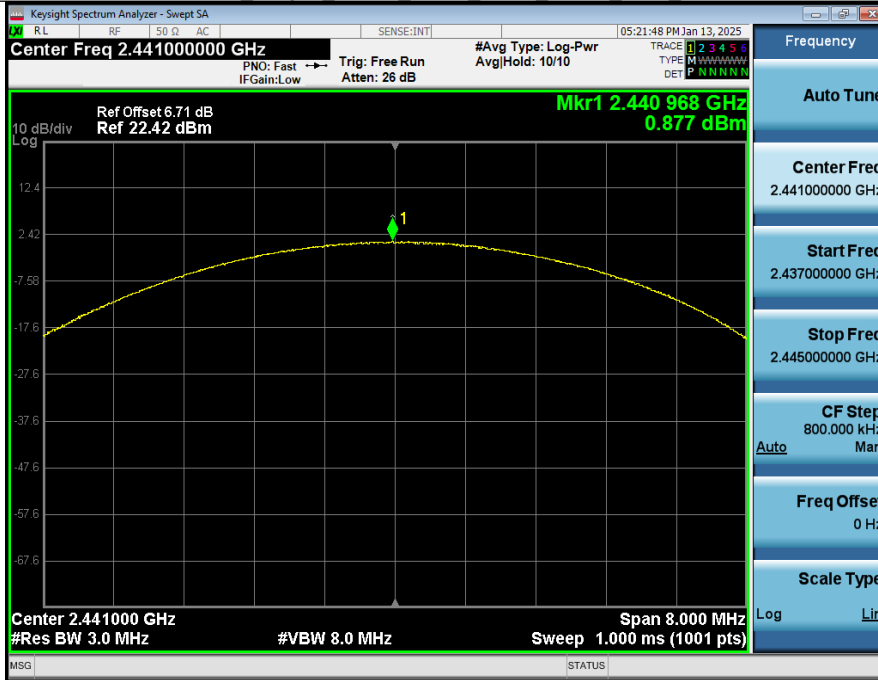
Peak Output Power\_NVNT\_ANT1\_2-DH1\_2480\_00



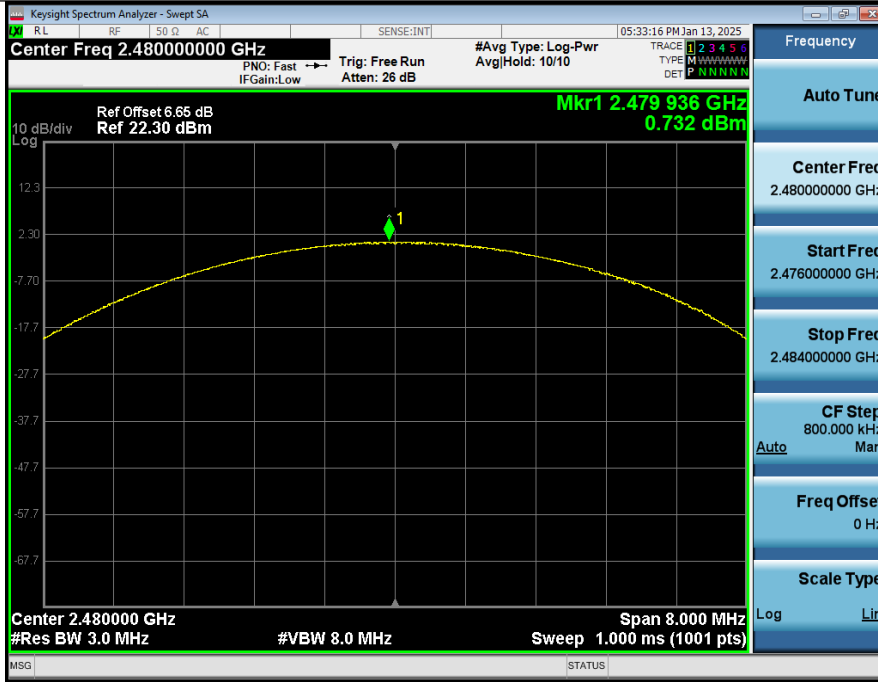
Peak Output Power\_NVNT\_ANT1\_3-DH1\_2402\_00



Peak Output Power\_NVNT\_ANT1\_3-DH1\_2441\_00

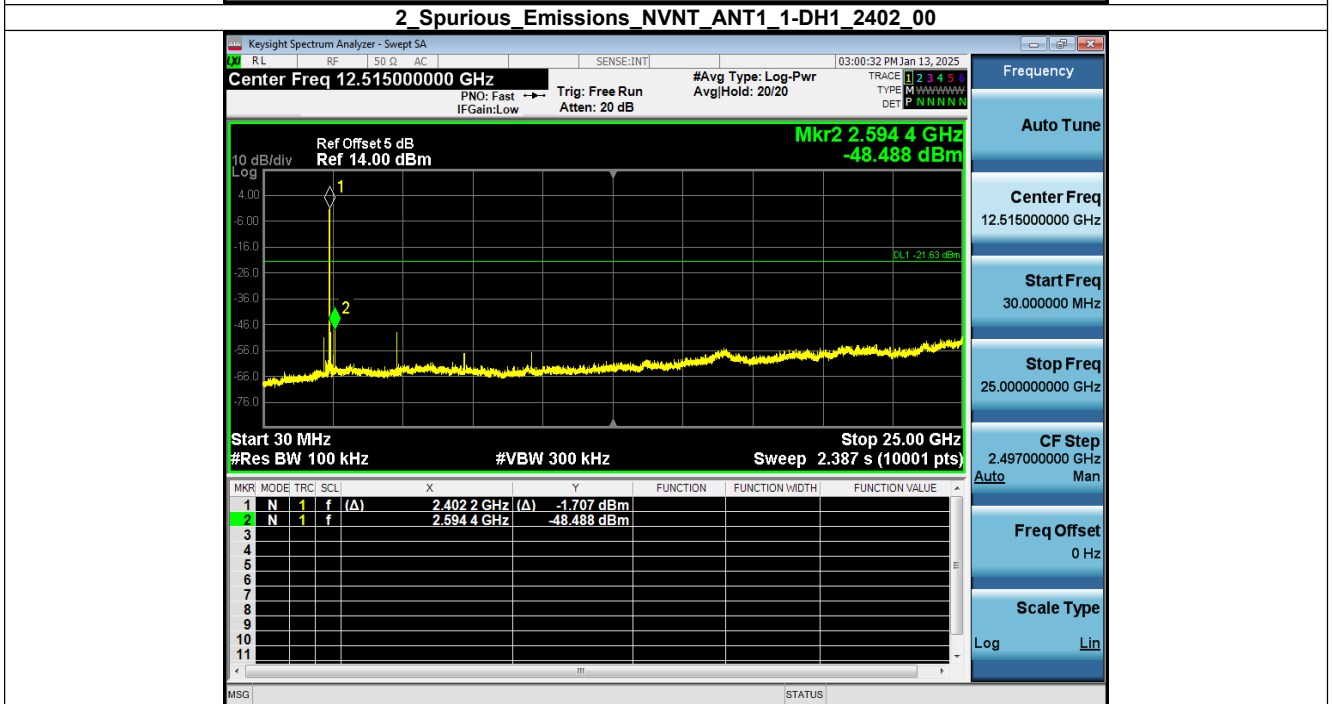


Peak Output Power\_NVNT\_ANT1\_3-DH1\_2480\_00



## 5. Spurious Emissions

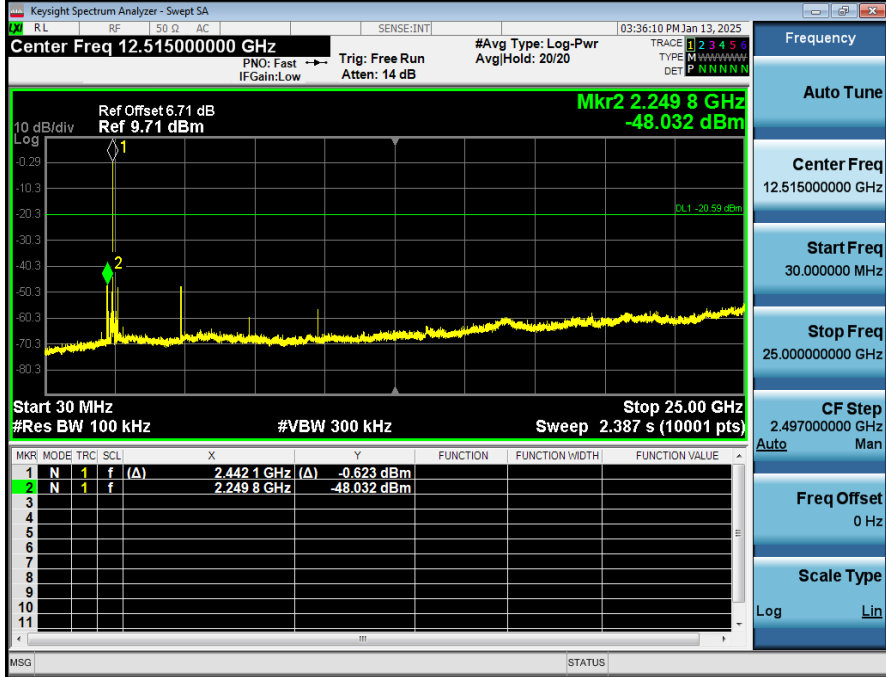
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.627	-48.488	-21.627	Pass
NVNT	ANT1	1-DH1	2441.00	-0.593	-48.032	-20.593	Pass
NVNT	ANT1	1-DH1	2480.00	-0.882	-46.087	-20.882	Pass
NVNT	ANT1	2-DH1	2402.00	0.213	-44.933	-19.787	Pass
NVNT	ANT1	2-DH1	2441.00	-0.692	-47.770	-20.692	Pass
NVNT	ANT1	2-DH1	2480.00	-0.891	-45.692	-20.891	Pass
NVNT	ANT1	3-DH1	2402.00	0.205	-47.452	-19.795	Pass
NVNT	ANT1	3-DH1	2441.00	-0.681	-48.381	-20.681	Pass
NVNT	ANT1	3-DH1	2480.00	-0.888	-46.343	-20.888	Pass



1 Reference Level\_NVNT\_ANT1\_1-DH1\_2441\_00



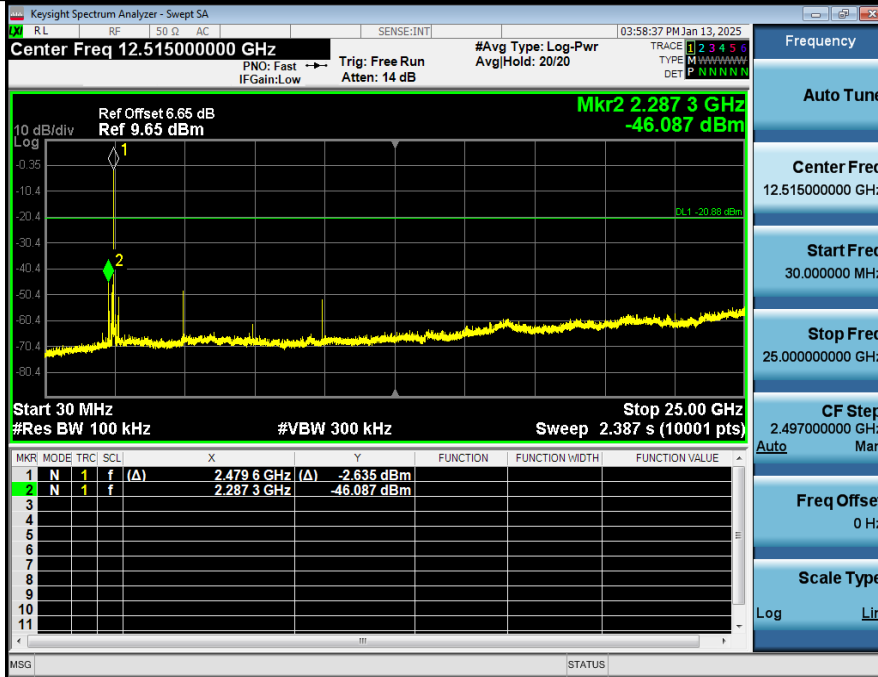
2 Spurious Emissions\_NVNT\_ANT1\_1-DH1\_2441\_00



1 Reference Level NVNT\_ANT1\_1-DH1\_2480\_00



2 Spurious Emissions NVNT\_ANT1\_1-DH1\_2480\_00

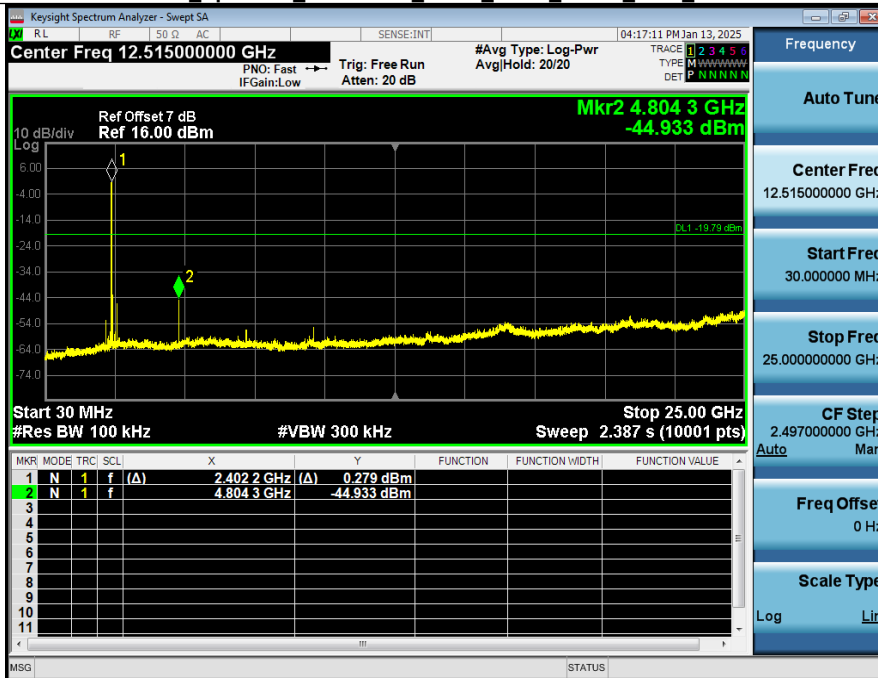




### 1 Reference Level NVNT\_ANT1\_2-DH1\_2402\_00



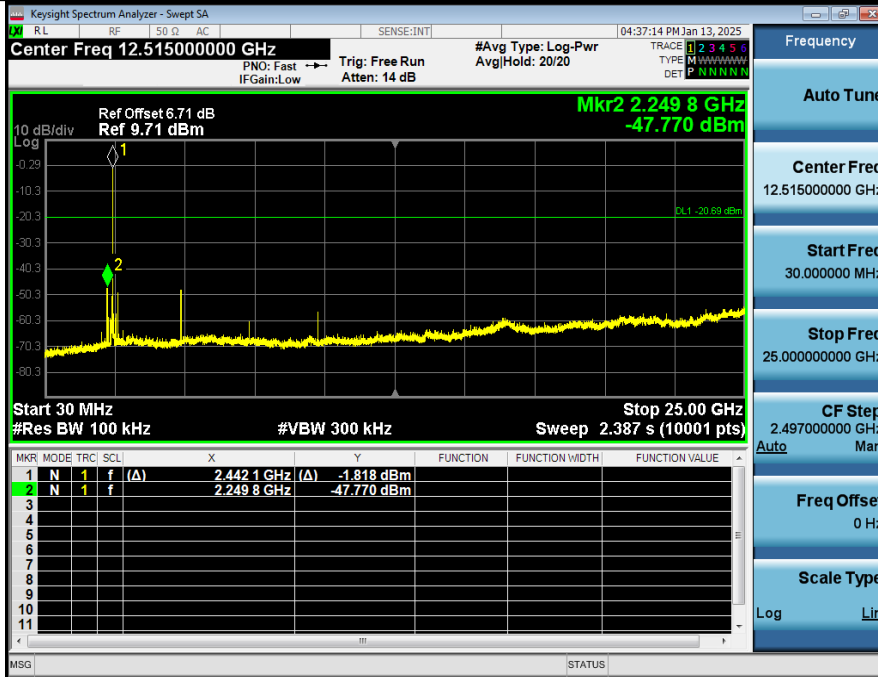
### 2 Spurious Emissions NVNT\_ANT1\_2-DH1\_2402\_00



1 Reference Level NVNT\_ANT1\_2-DH1\_2441\_00



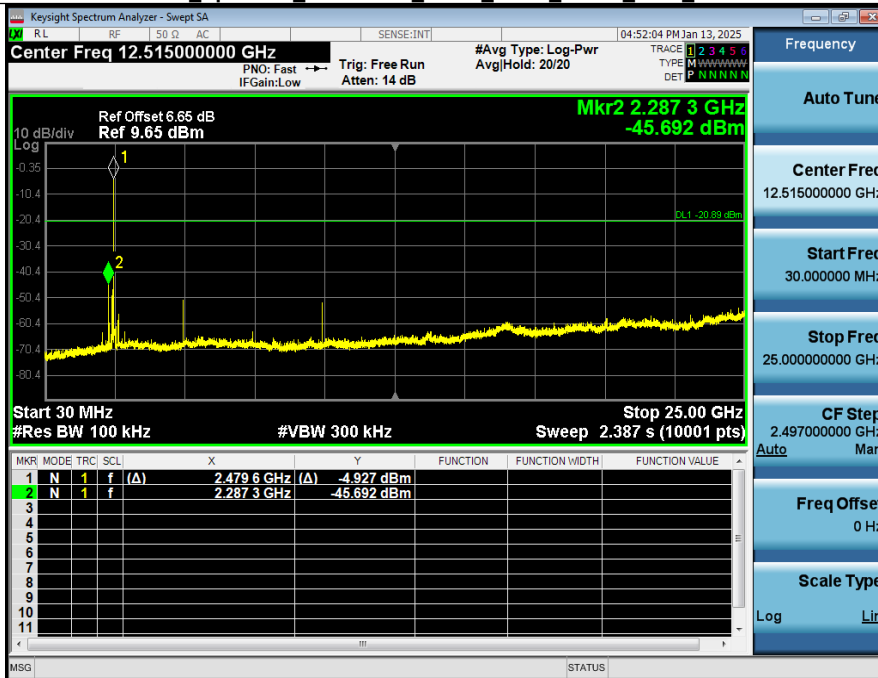
2 Spurious Emissions NVNT\_ANT1\_2-DH1\_2441\_00



### 1 Reference Level NVNT\_ANT1\_2-DH1\_2480\_00



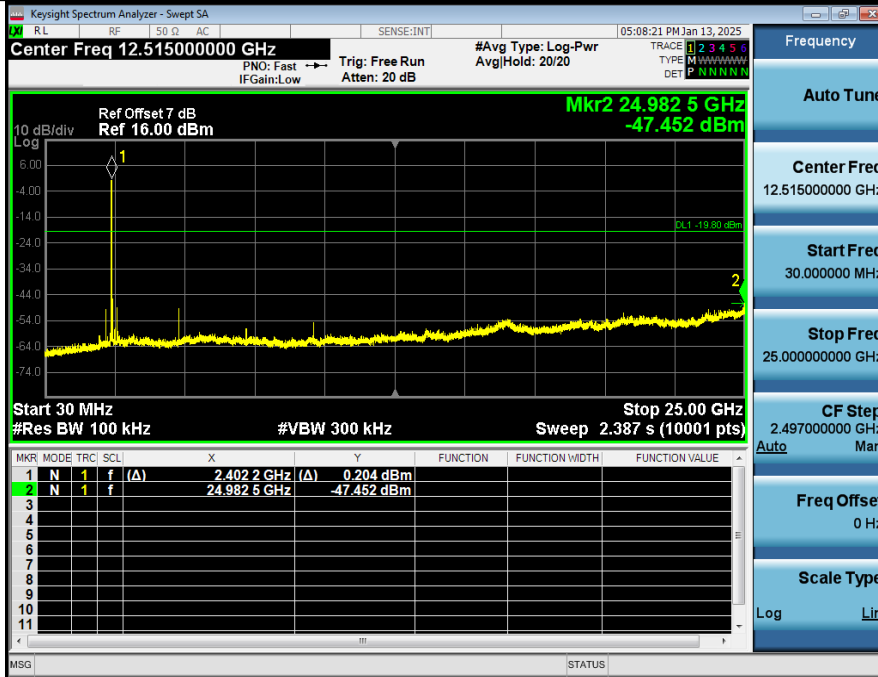
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1 Reference Level NVNT\_ANT1\_3-DH1\_2402\_00



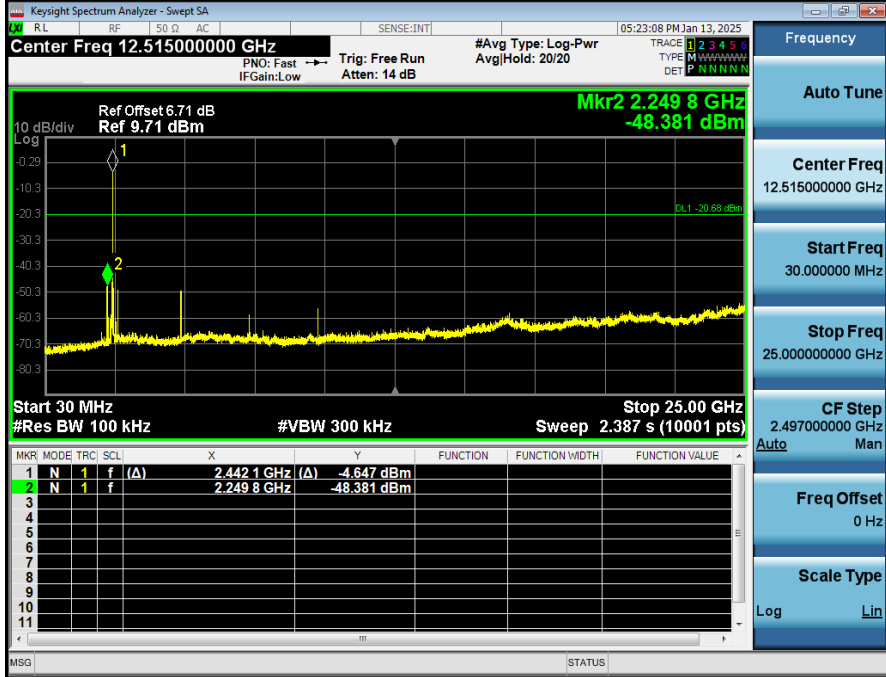
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1 Reference Level\_NVNT\_ANT1\_3-DH1\_2441\_00



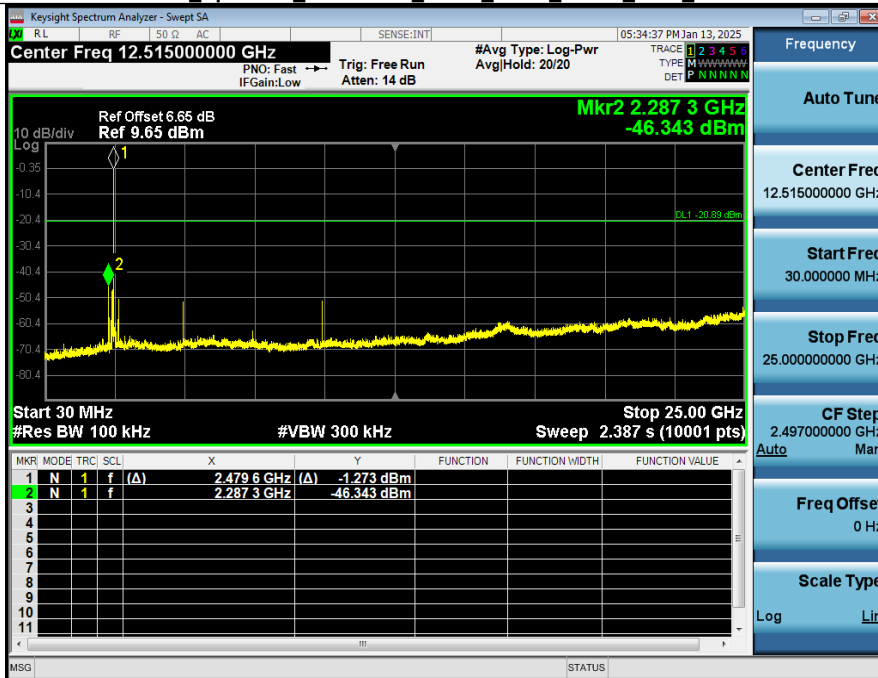
2 Spurious Emissions\_NVNT\_ANT1\_3-DH1\_2441\_00



### 1 Reference Level NVNT\_ANT1\_3-DH1\_2480\_00

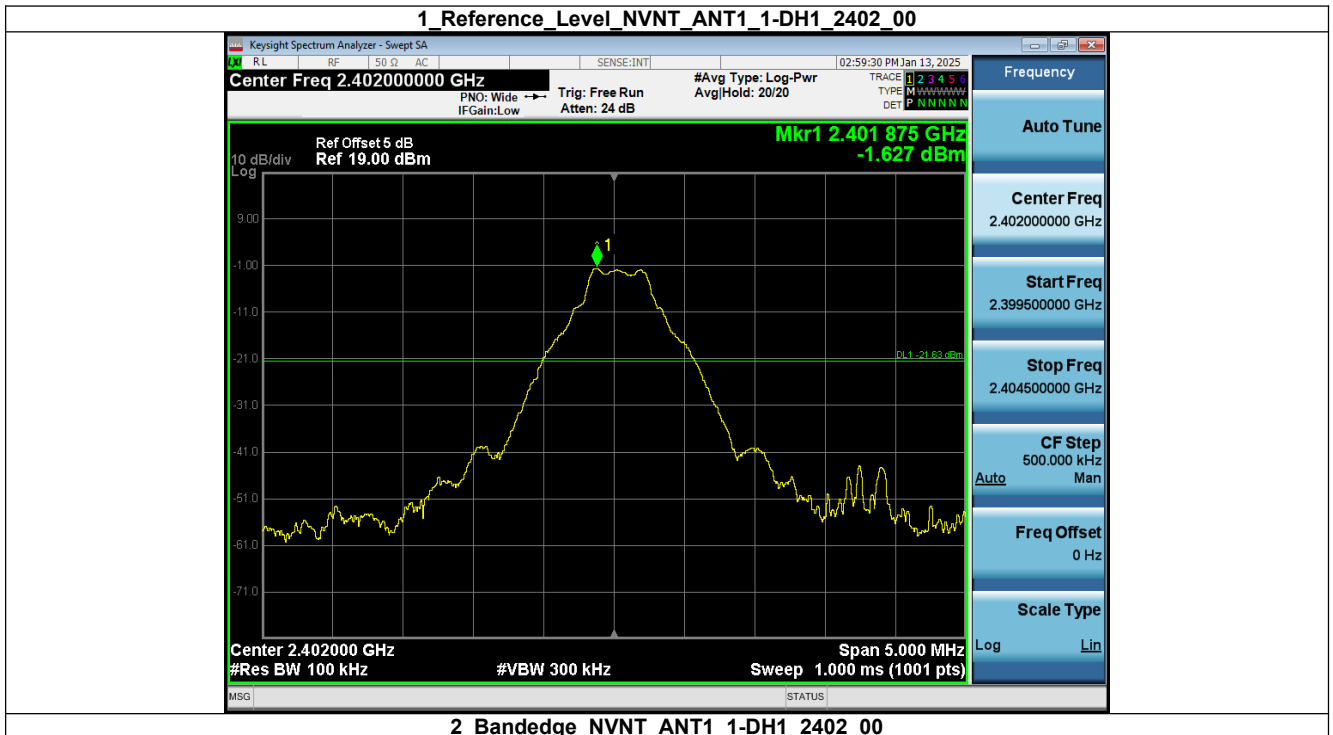


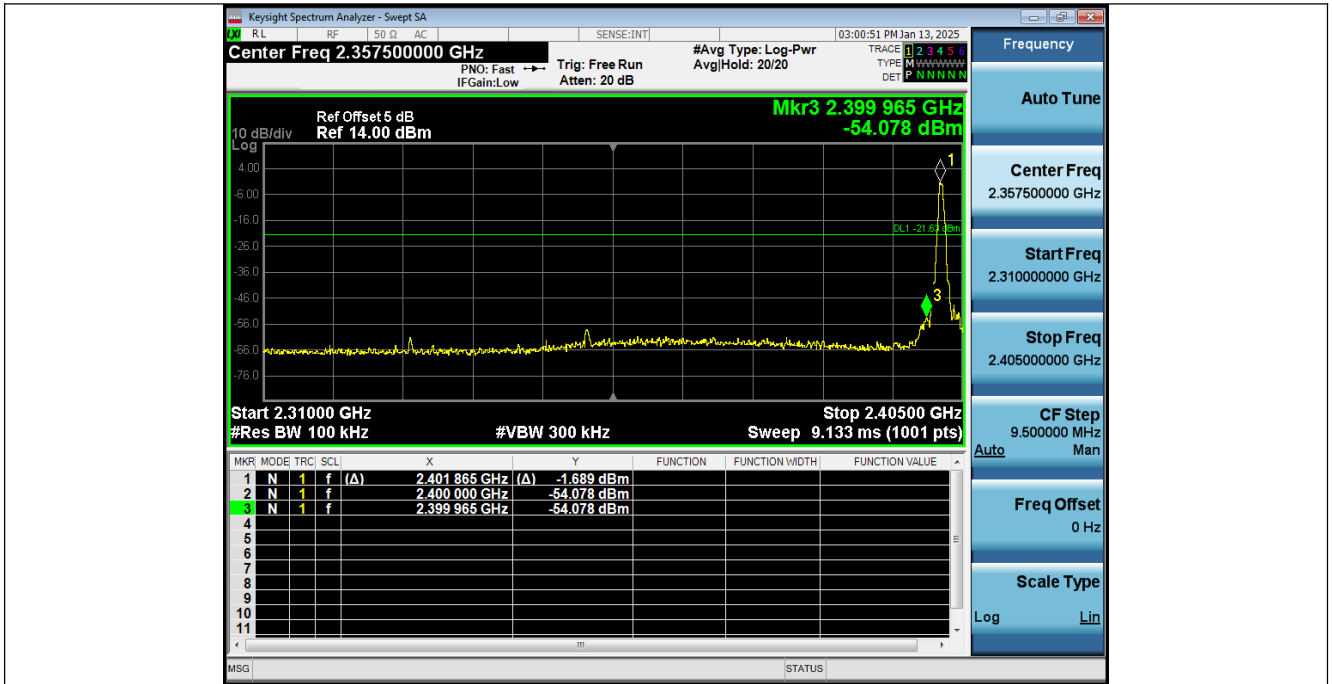
### 2 Spurious Emissions NVNT\_ANT1\_3-DH1\_2480\_00



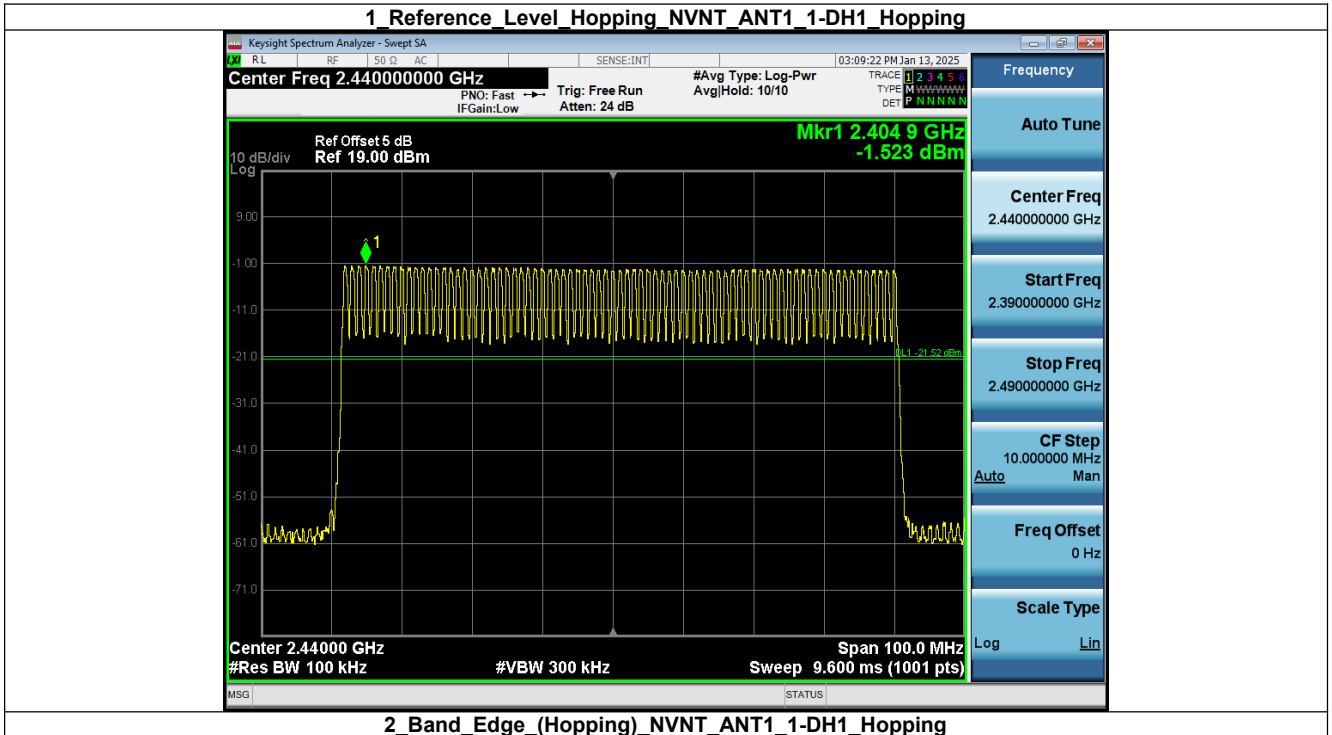
## 6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.627	-54.078	-21.627	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-1.523	-54.424	-21.523	Pass
NVNT	ANT1	1-DH1	2480.00	-0.882	-63.134	-20.882	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-0.130	-54.773	-20.130	Pass
NVNT	ANT1	2-DH1	2402.00	0.213	-48.750	-19.787	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	0.267	-51.911	-19.733	Pass
NVNT	ANT1	2-DH1	2480.00	-0.891	-62.961	-20.891	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-0.075	-56.576	-20.075	Pass
NVNT	ANT1	3-DH1	2402.00	0.205	-50.190	-19.795	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.277	-50.299	-19.723	Pass
NVNT	ANT1	3-DH1	2480.00	-0.888	-63.456	-20.888	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-0.066	-55.723	-20.066	Pass



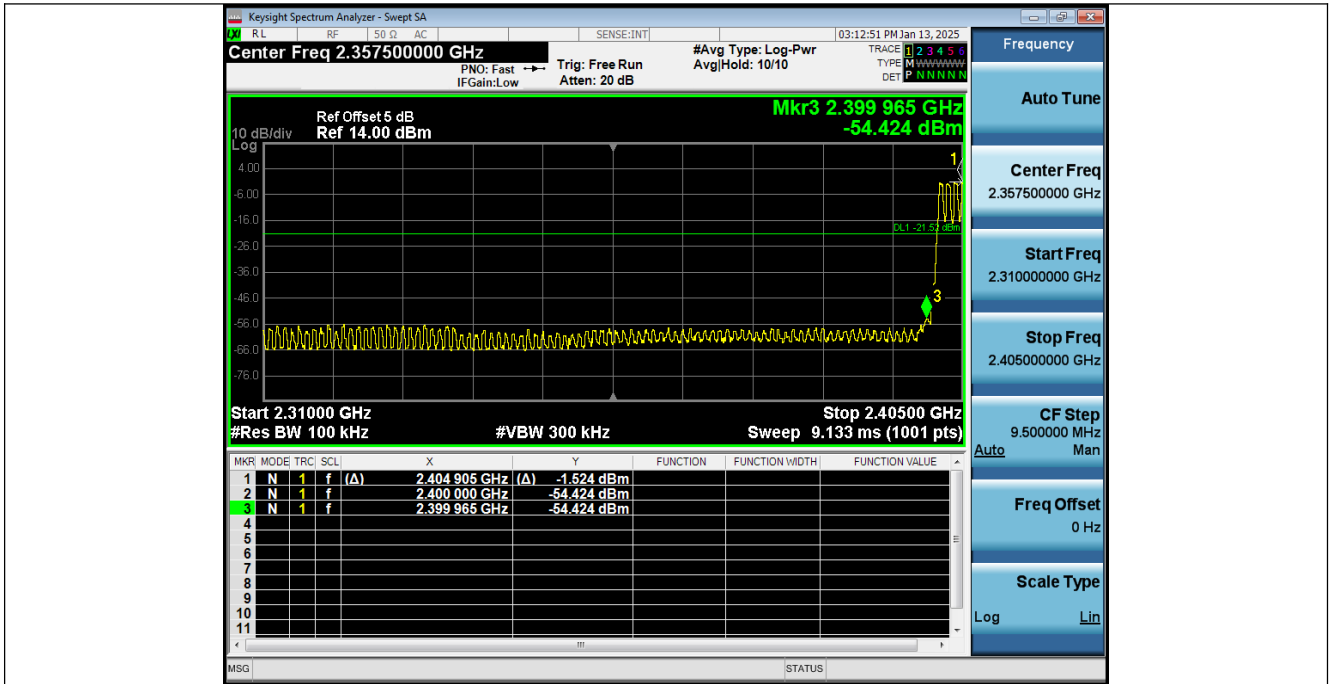


1 Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH1\_Hopping

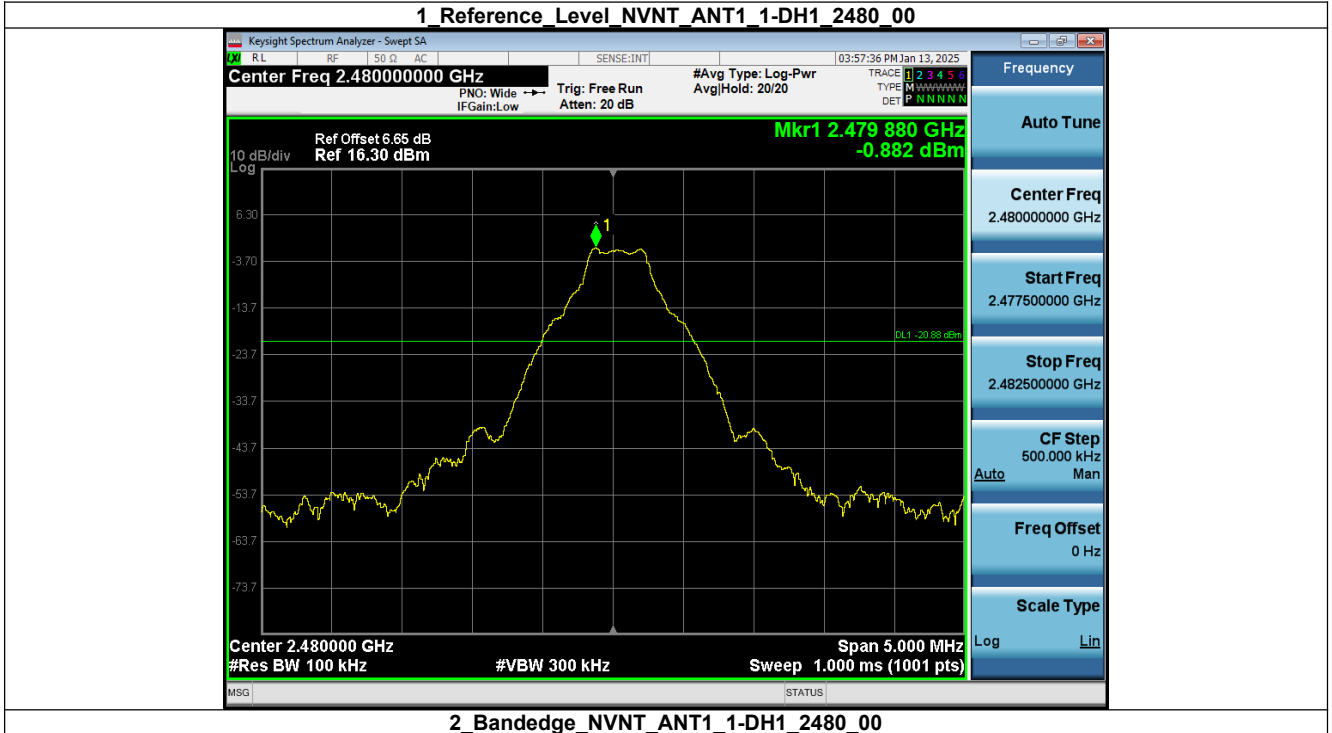


2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping

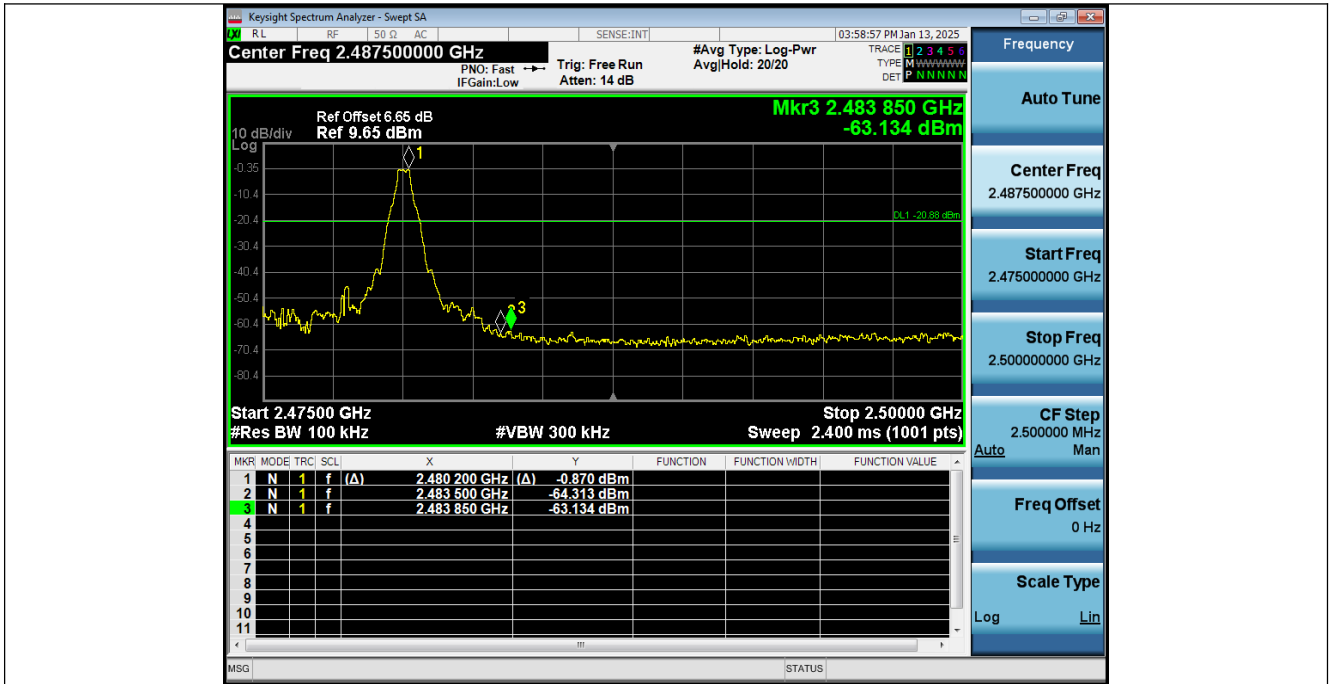




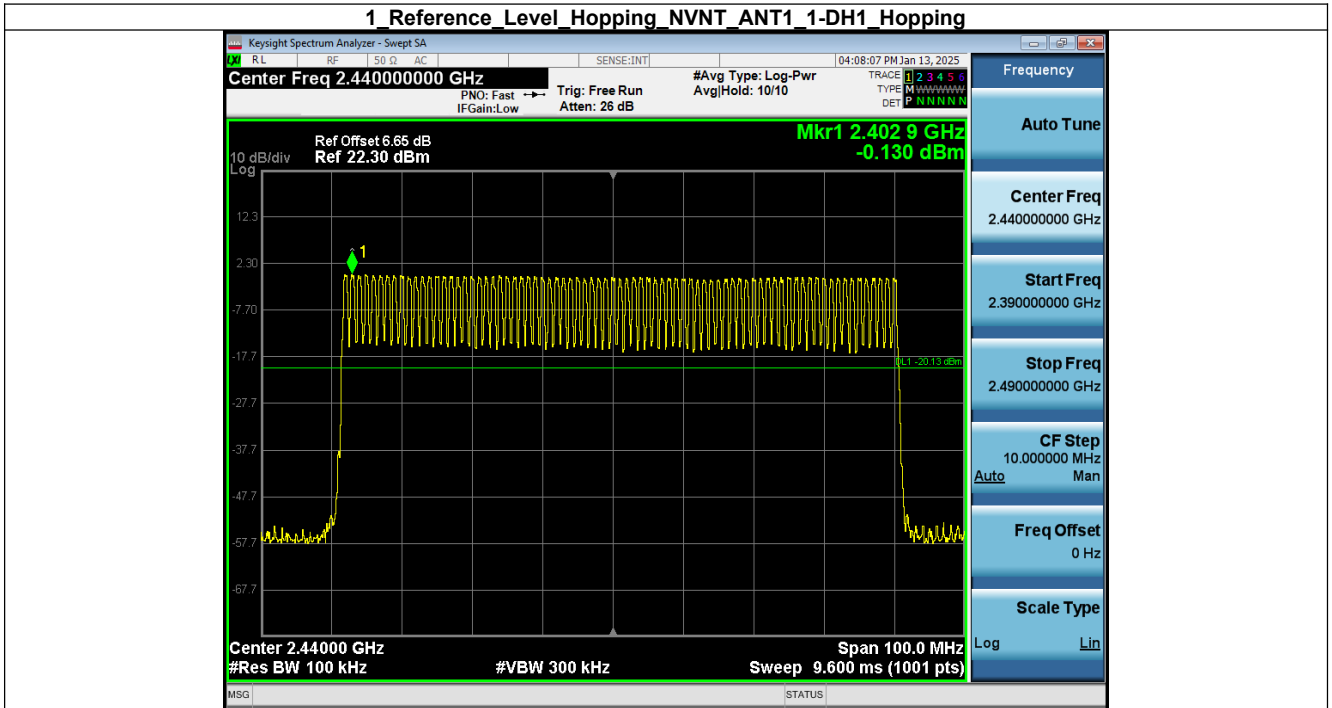
1 Reference Level NVNT ANT1 1-DH1 2480 00



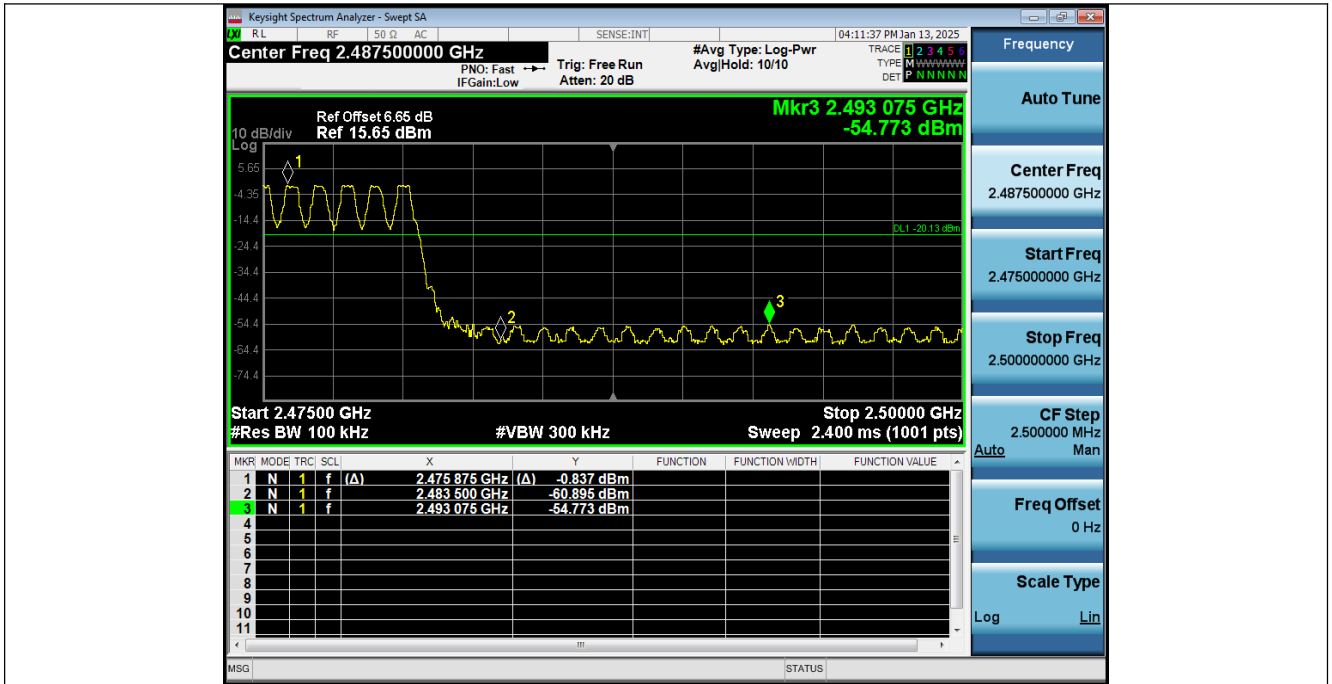
2\_Bandedge\_NVNT\_ANT1\_1-DH1\_2480\_00



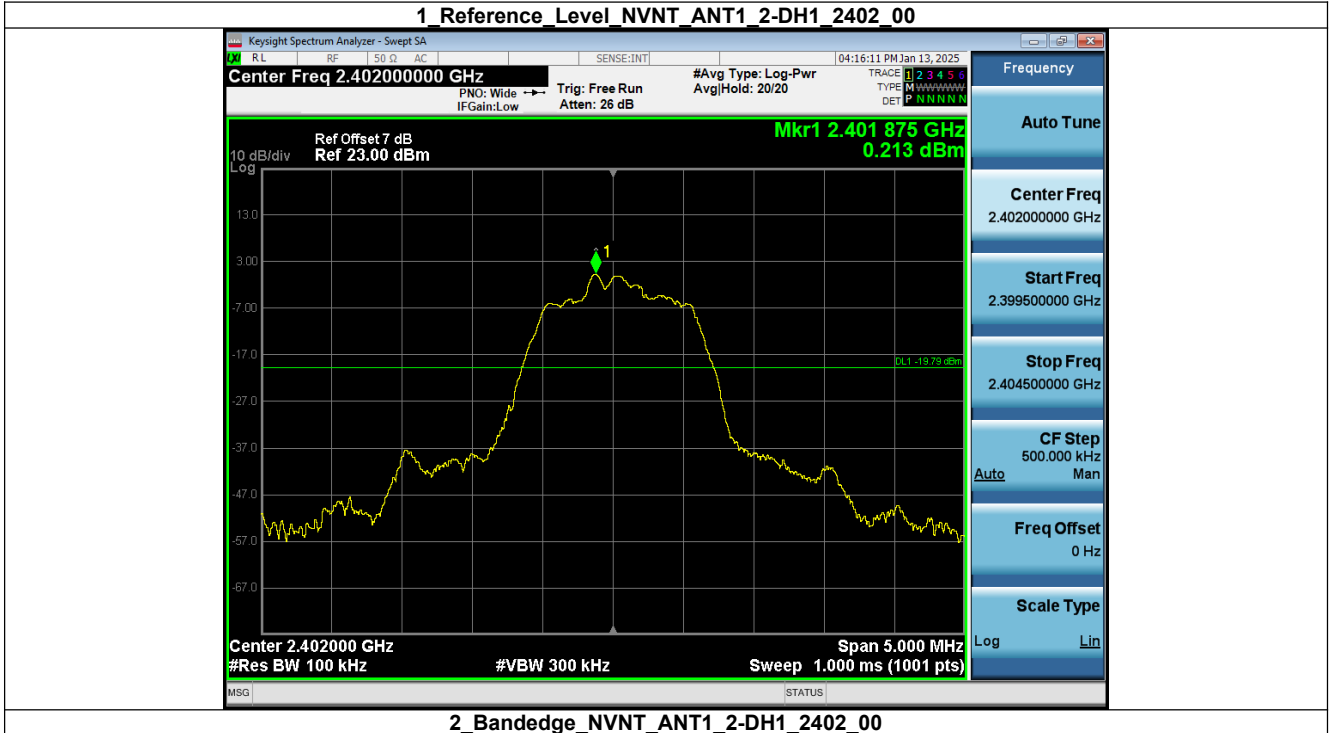
1 Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH1\_Hopping



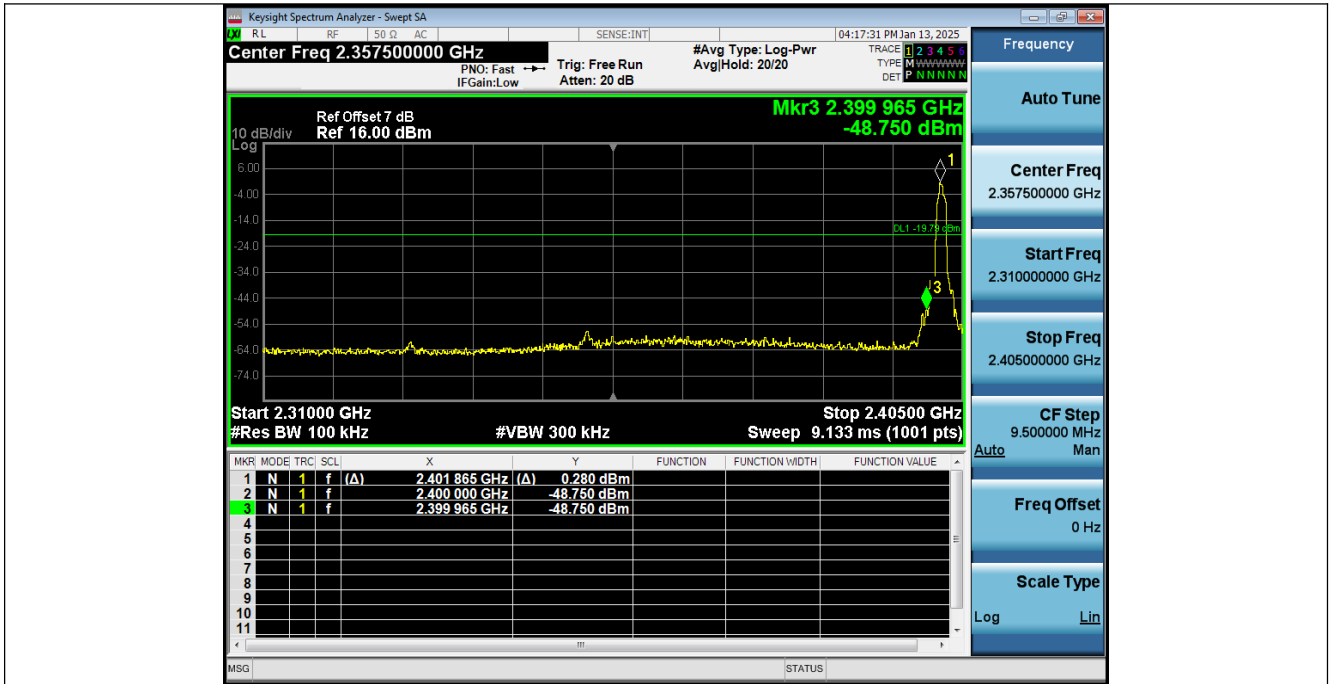
2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



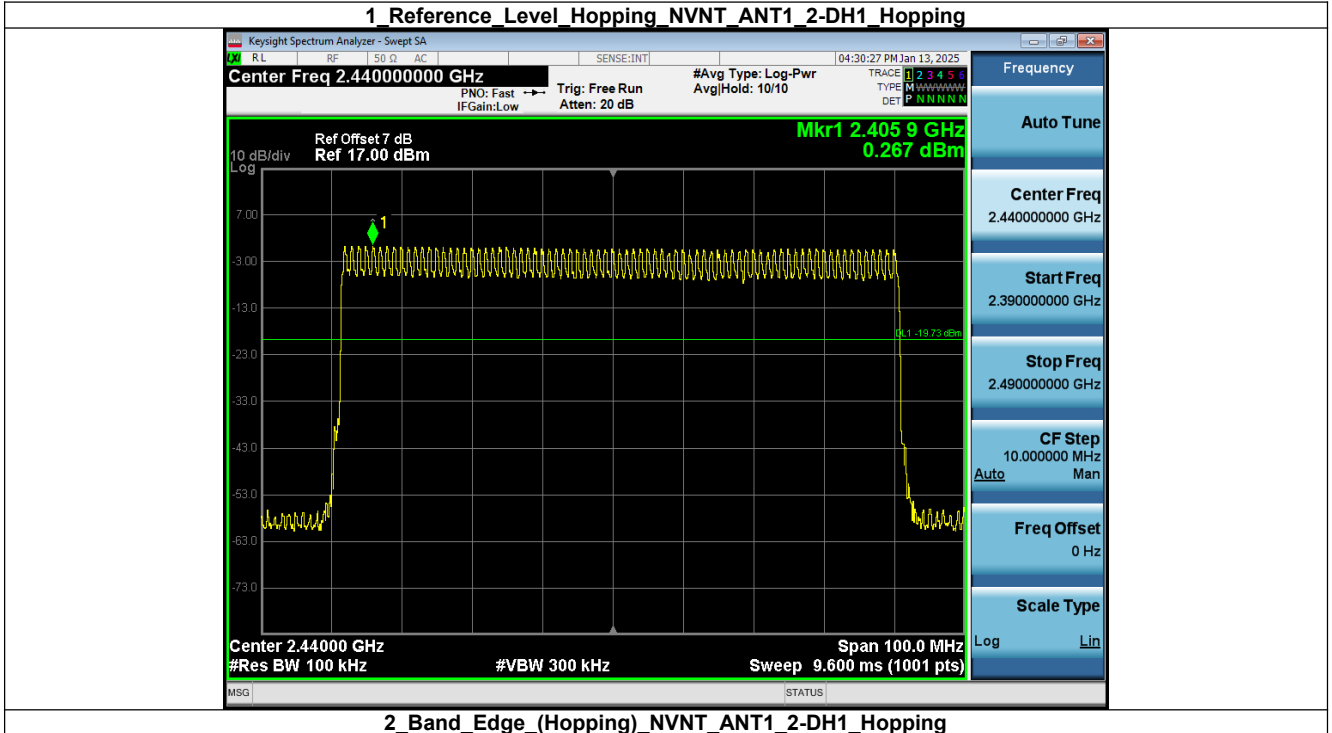
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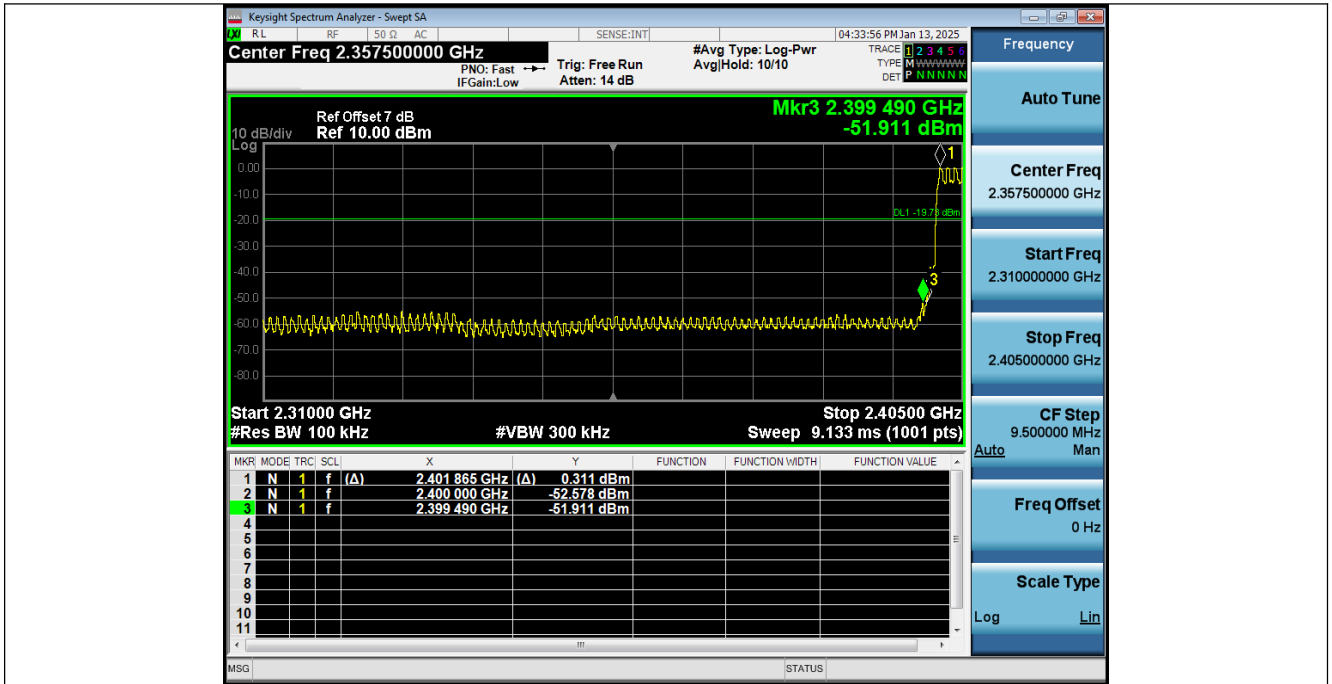
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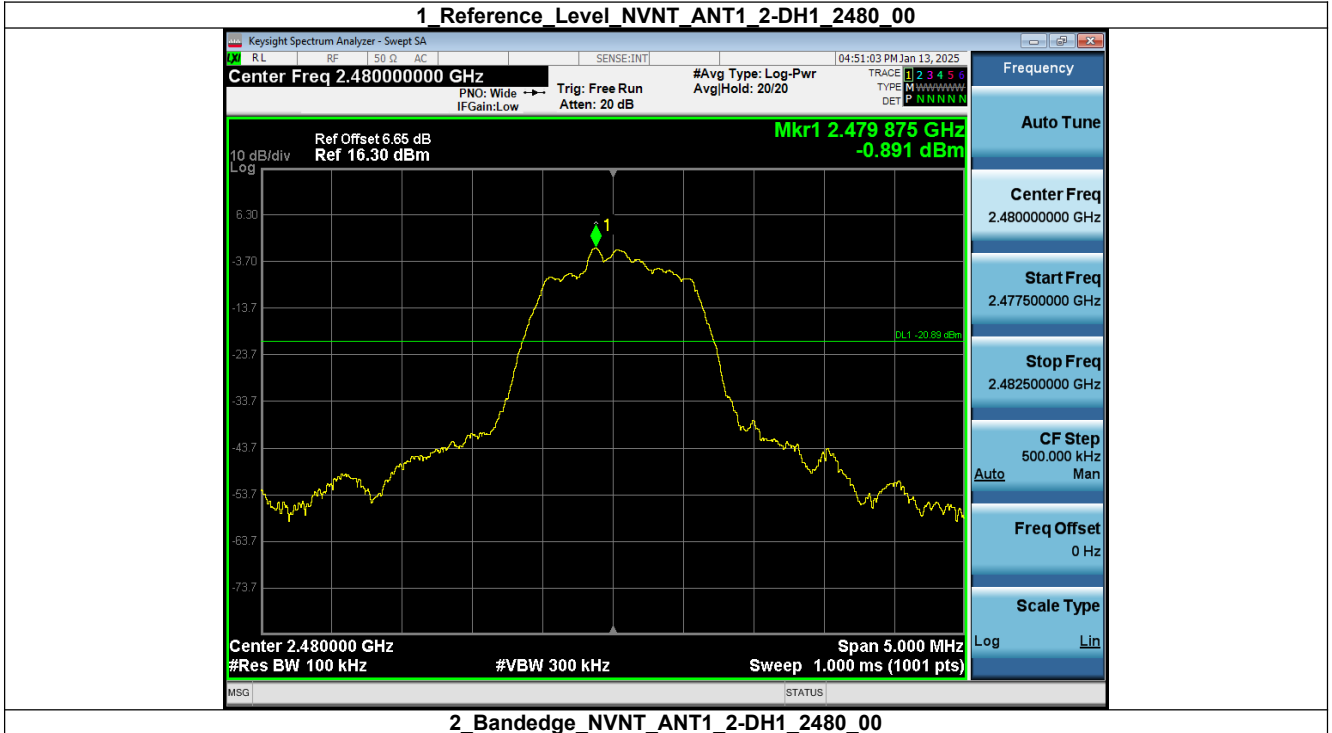
1 Reference\_Level\_Hopping\_NVNT\_ANT1\_2-DH1\_Hopping



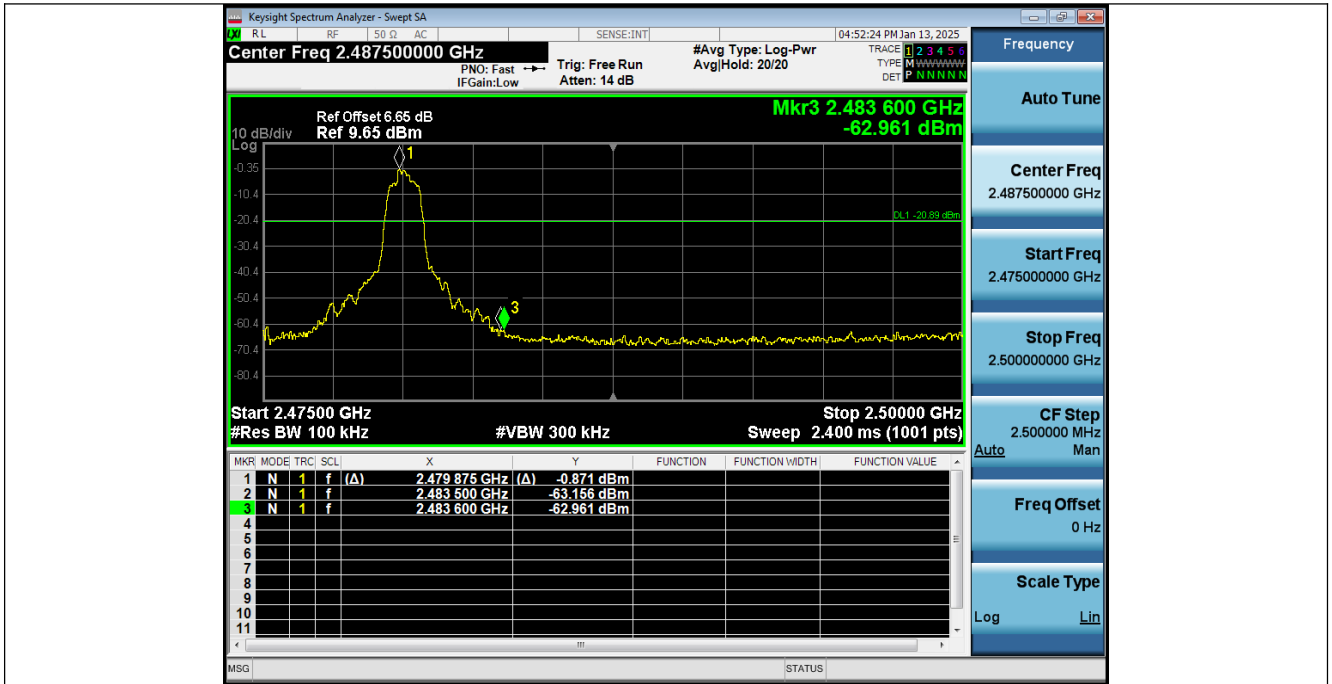
2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



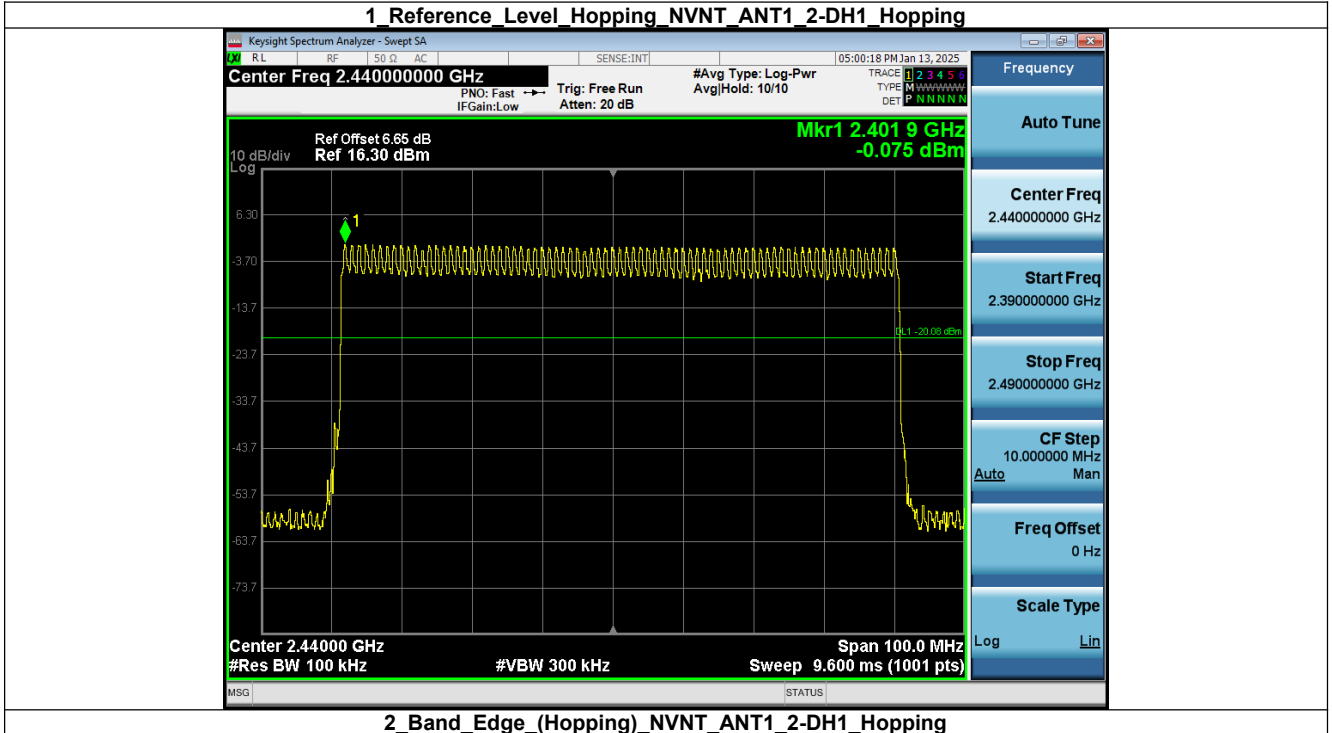
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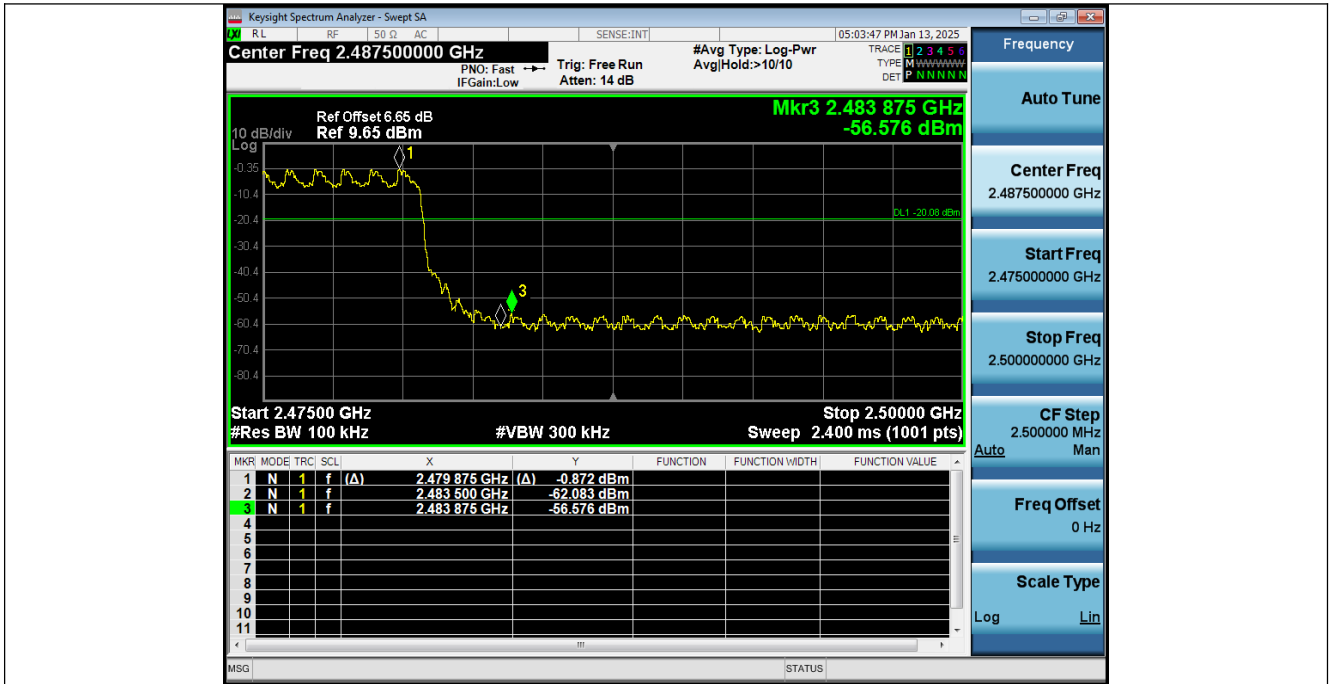
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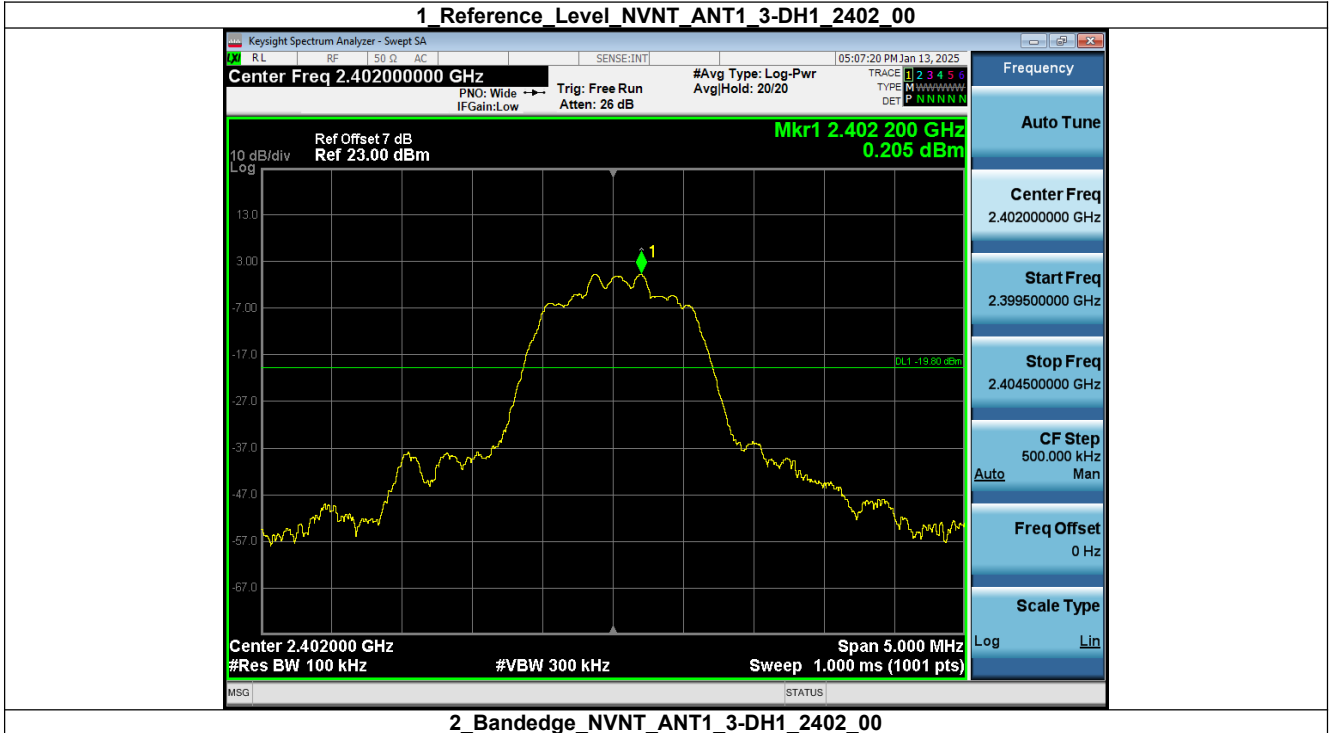
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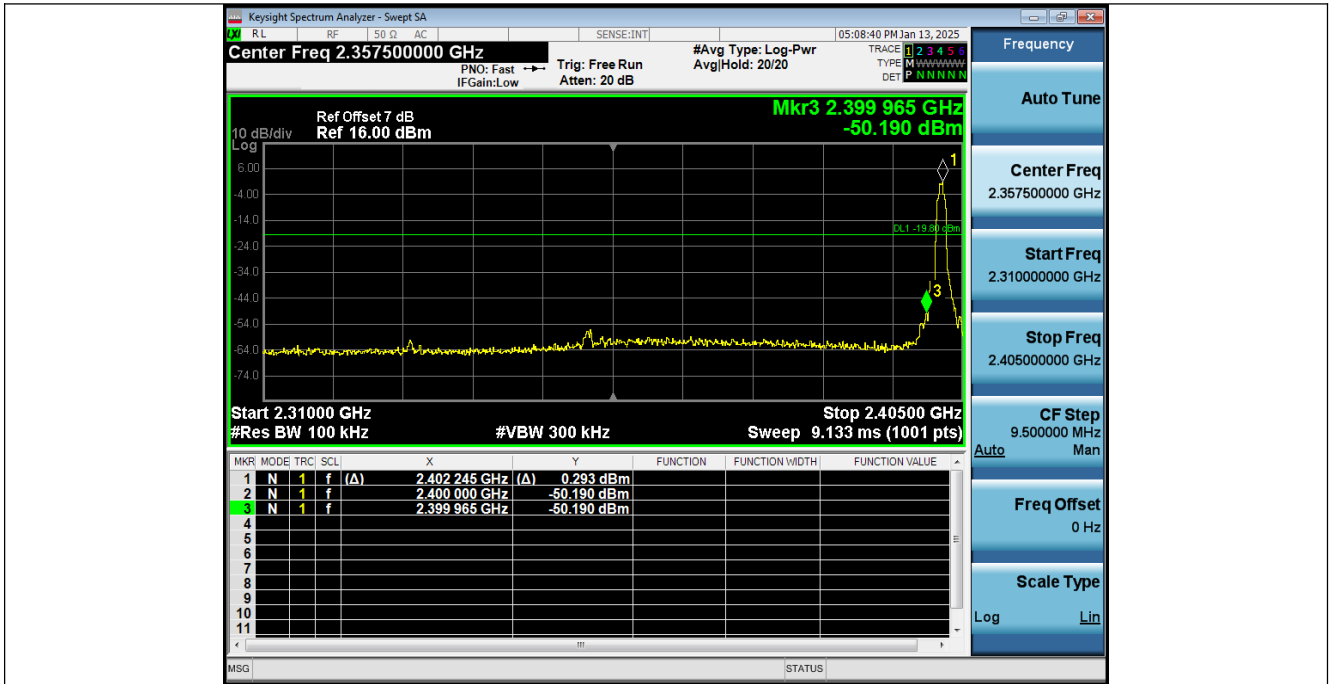
2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



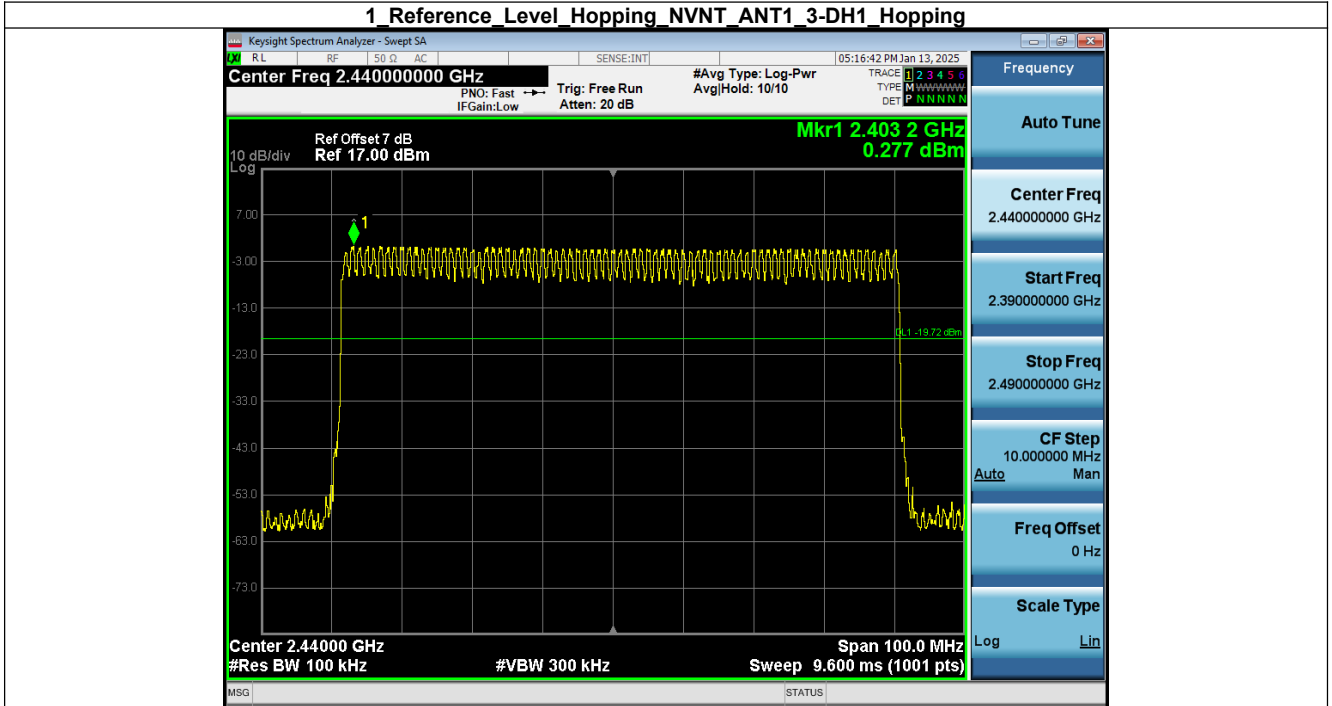
1 Reference Level NVNT ANT1 3-DH1 2402 00



2\_Bandedge\_NVNT\_ANT1\_3-DH1\_2402\_00

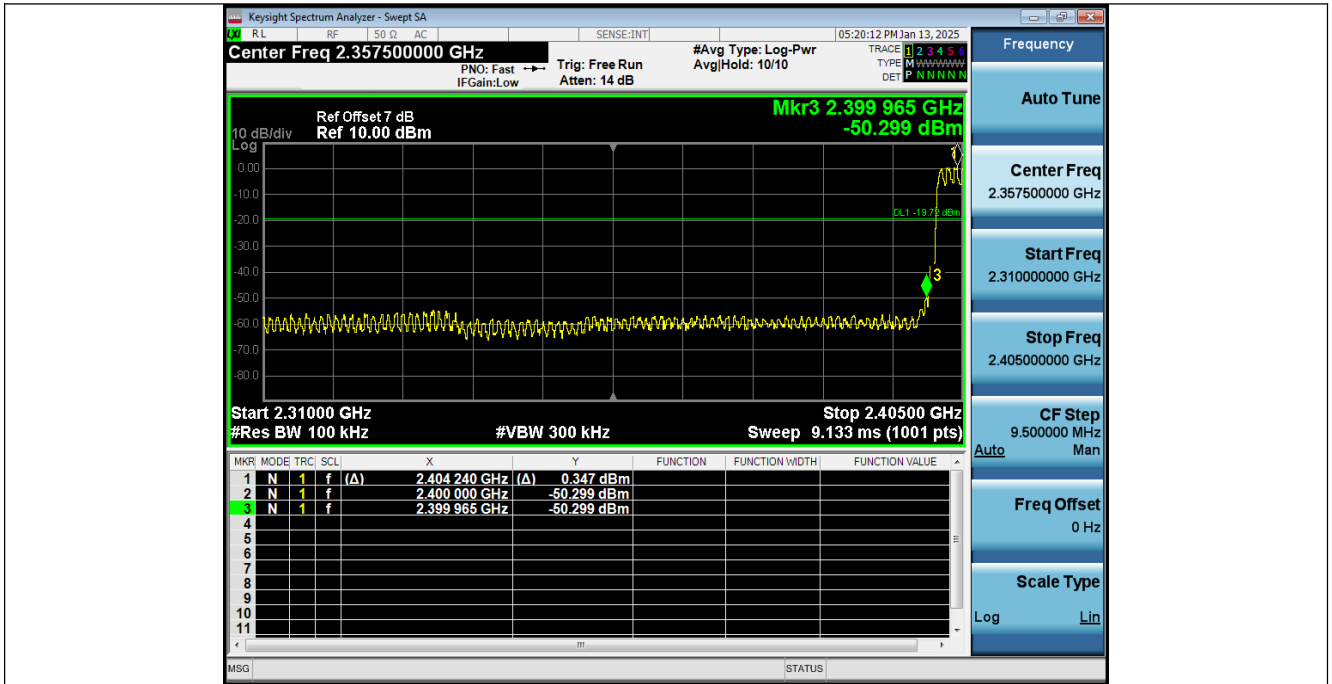


1 Reference\_Level\_Hopping\_NVNT\_ANT1\_3-DH1\_Hopping

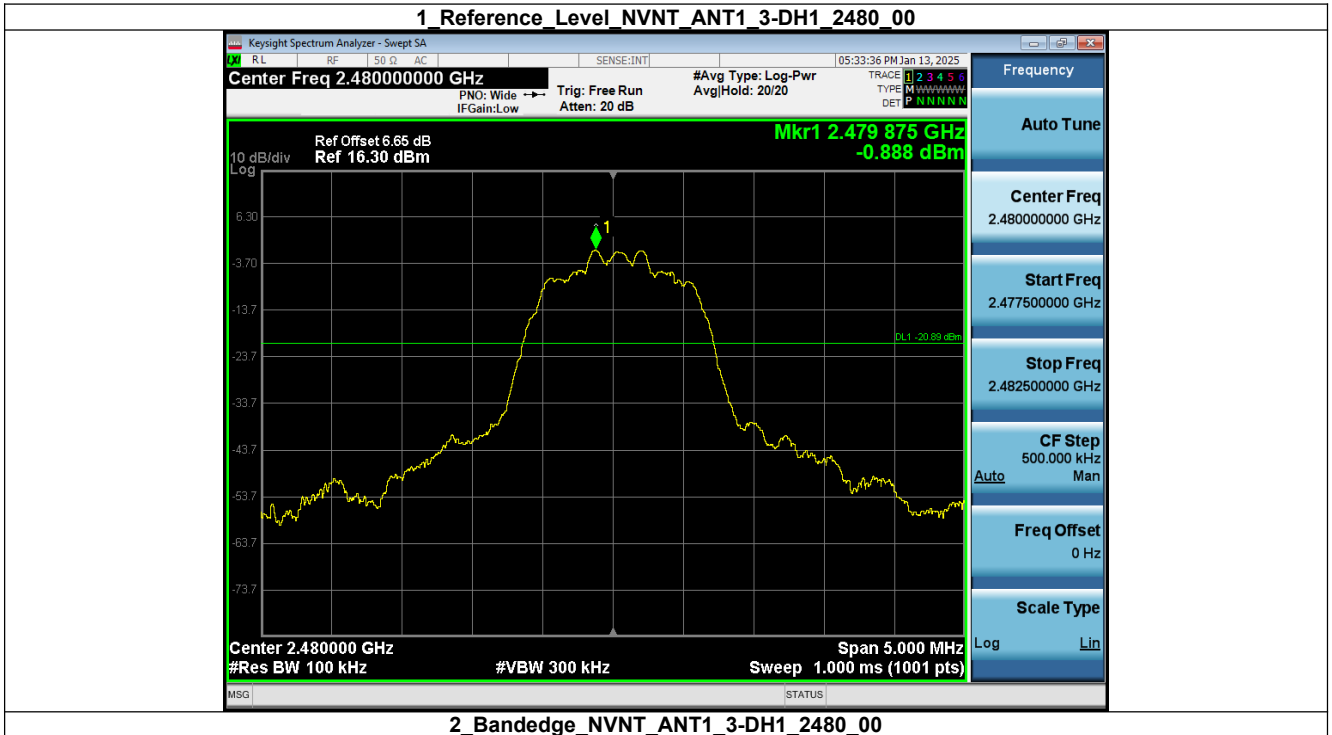


2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping

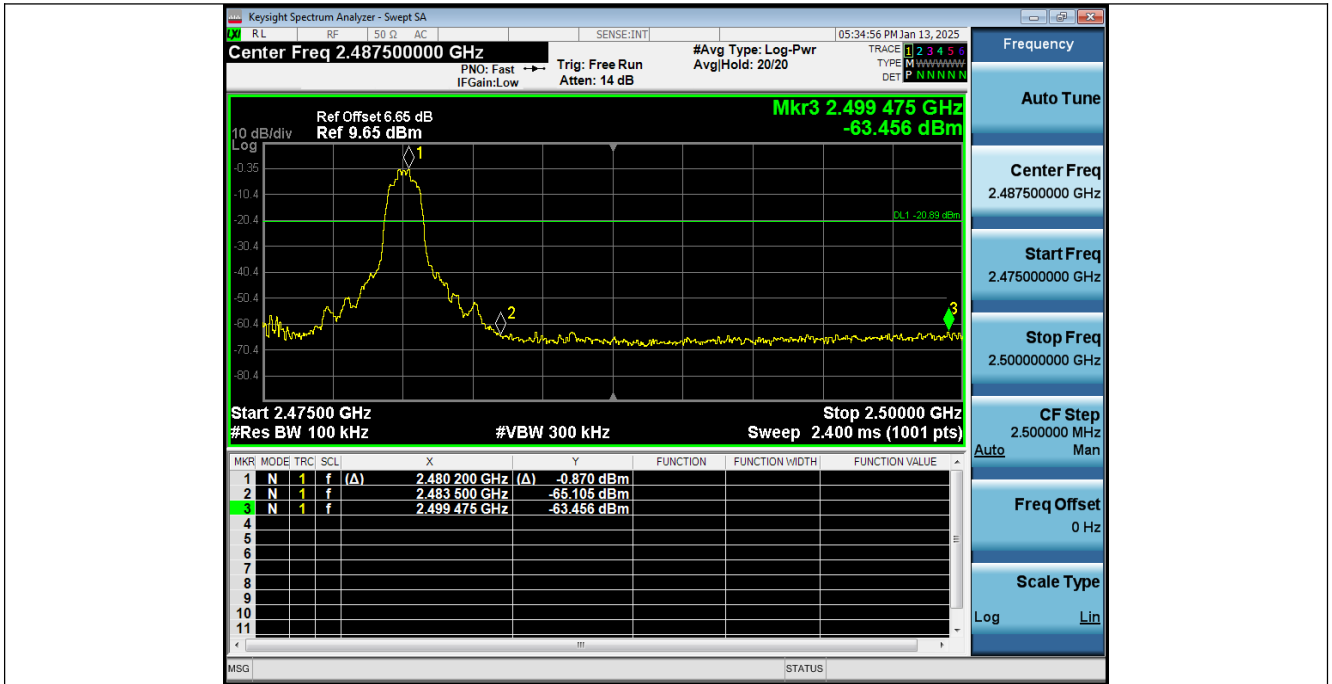




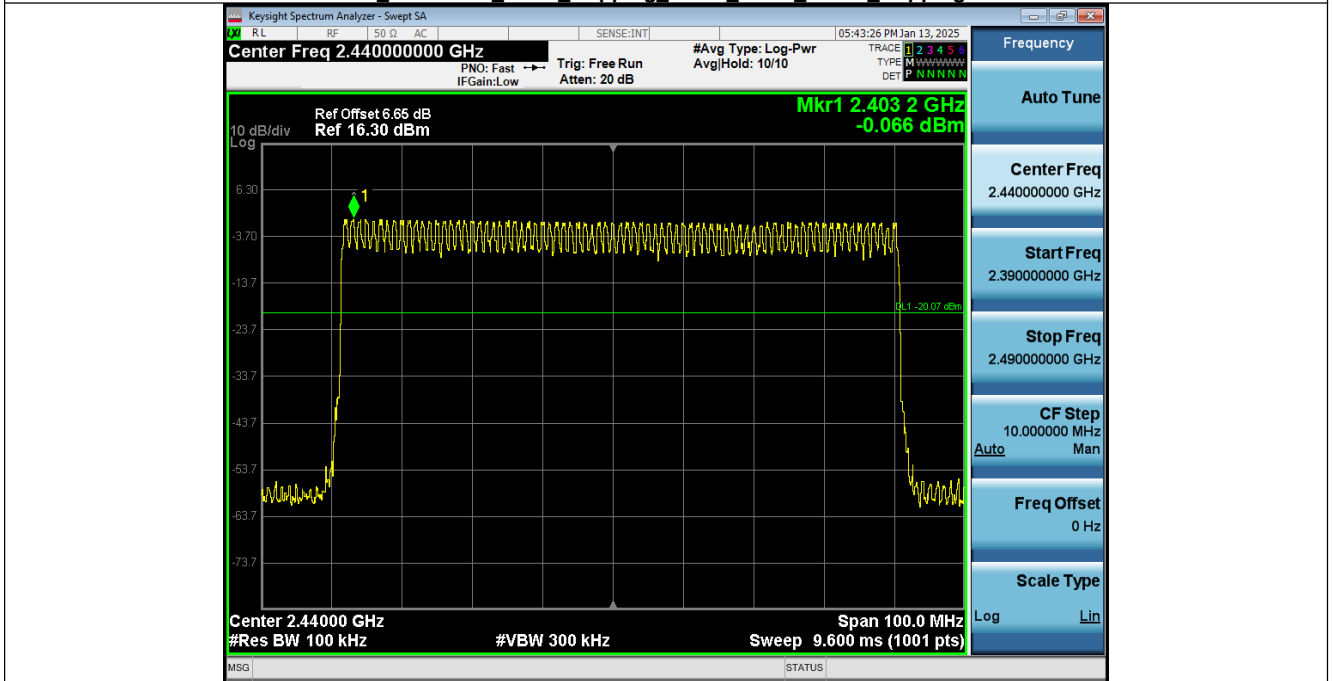
1 Reference Level NVNT ANT1 3-DH1 2480 00



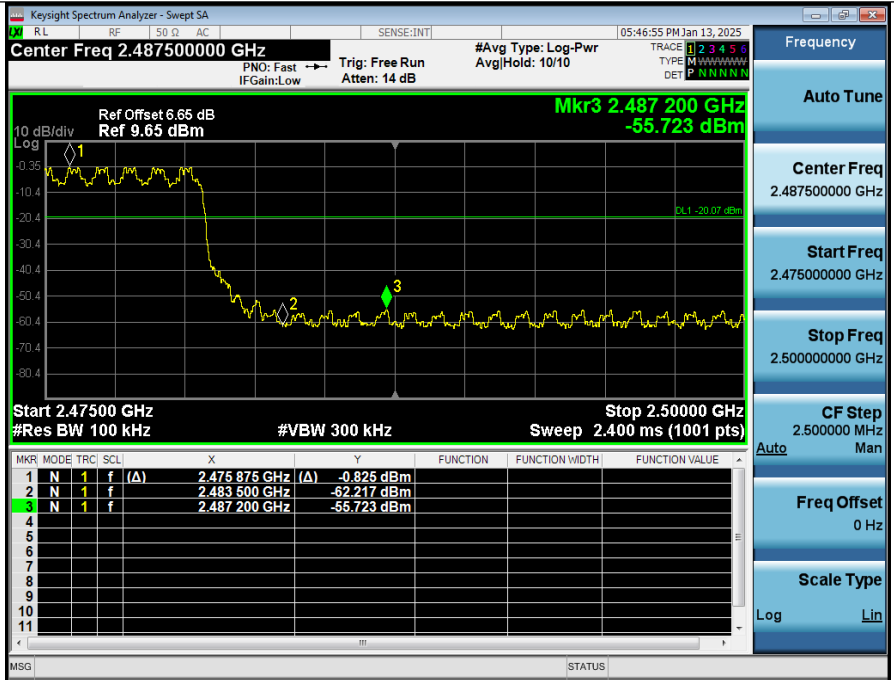
2\_Bandedge\_NVNT\_ANT1\_3-DH1\_2480\_00



1 Reference\_Level\_Hopping\_NVNT\_ANT1\_3-DH1\_Hopping

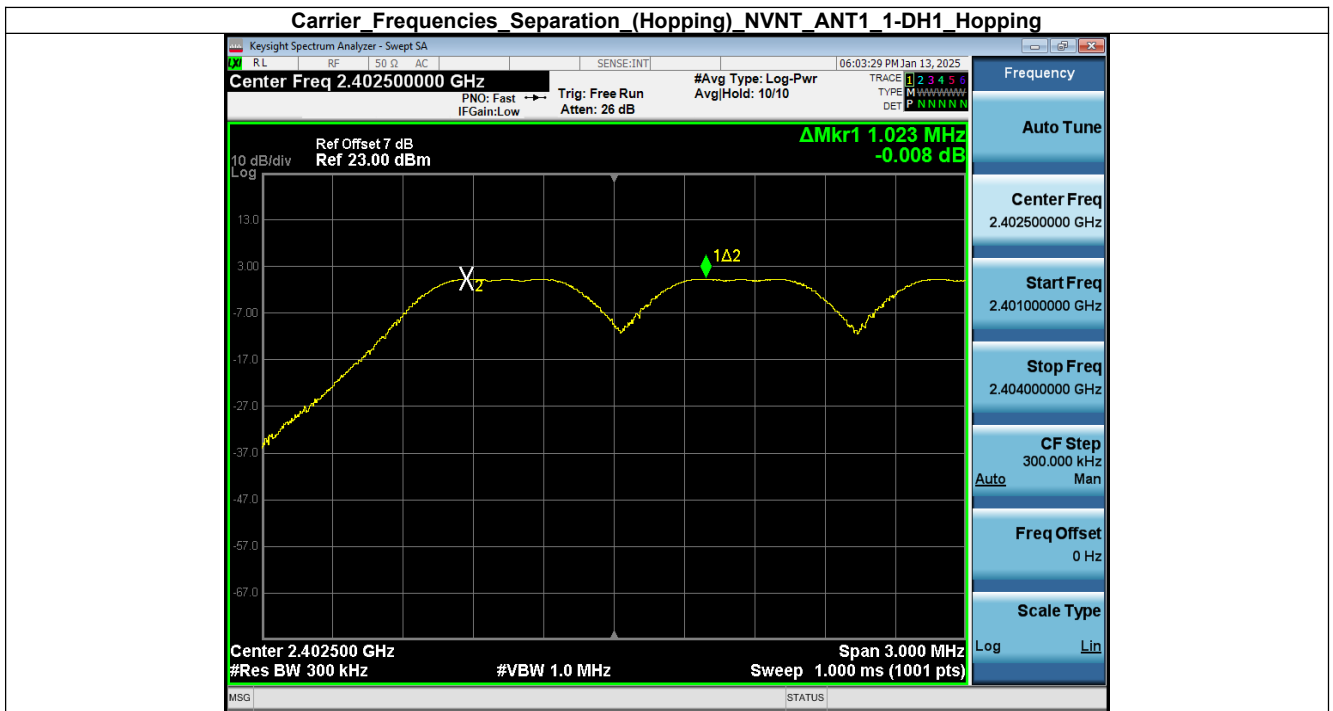


2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping

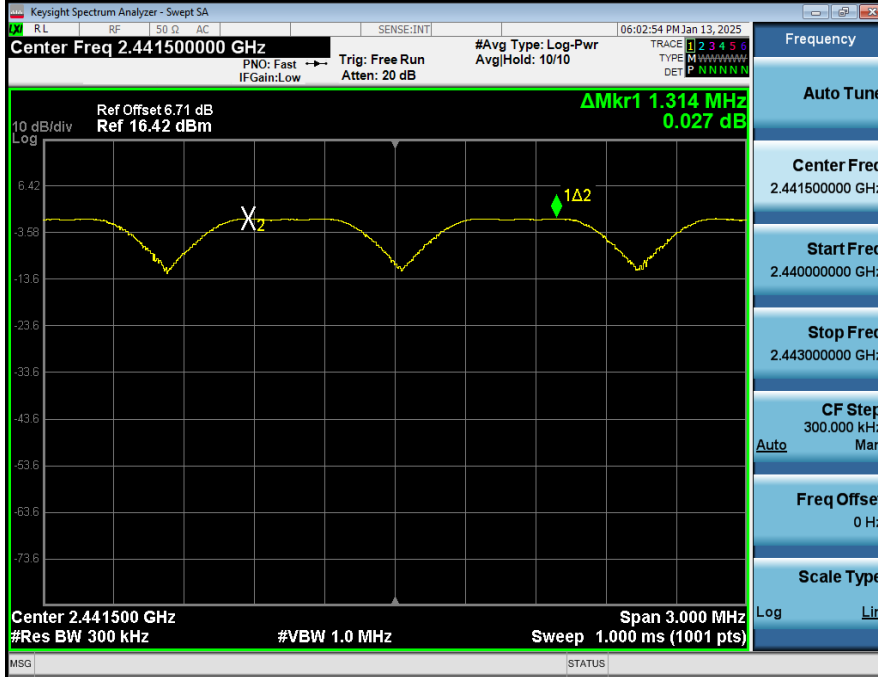


## 7. Carrier Frequencies Separation (Hopping)

Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2401.870	2402.893	1.02	0.880	Pass
NVNT	ANT1	1-DH1	2441.00	2440.873	2442.187	1.31	0.971	Pass
NVNT	ANT1	1-DH1	2480.00	2478.867	2479.869	1.00	0.924	Pass
NVNT	ANT1	2-DH1	2402.00	2401.873	2402.881	1.01	0.847	Pass
NVNT	ANT1	2-DH1	2441.00	2440.864	2441.869	1.00	0.851	Pass
NVNT	ANT1	2-DH1	2480.00	2478.876	2479.866	0.99	0.849	Pass
NVNT	ANT1	3-DH1	2402.00	2402.194	2403.190	1.00	0.816	Pass
NVNT	ANT1	3-DH1	2441.00	2440.870	2441.866	1.00	0.817	Pass
NVNT	ANT1	3-DH1	2480.00	2478.861	2479.866	1.00	0.834	Pass



### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



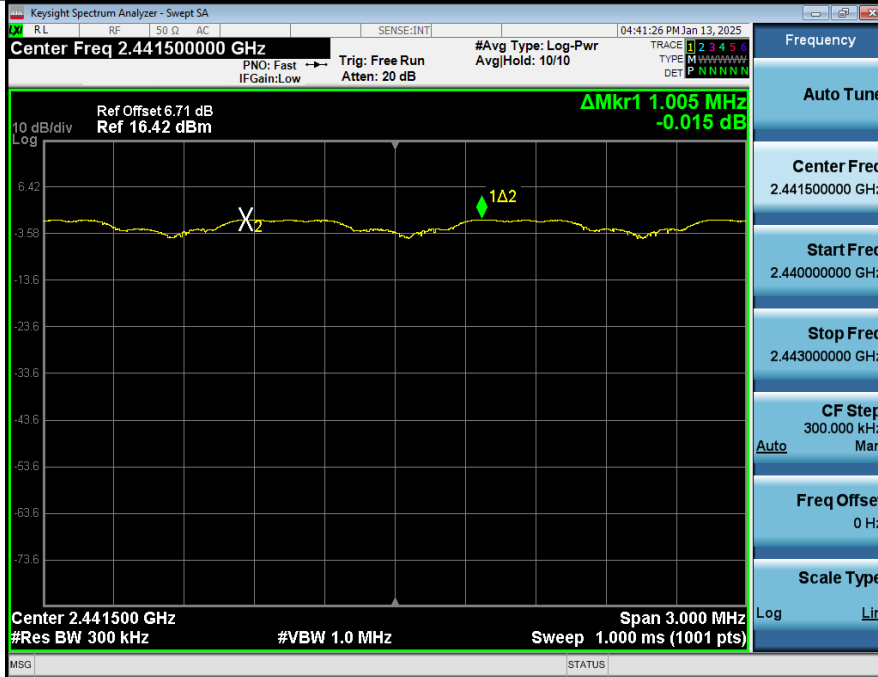
### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



### Carrier Frequencies Separation (Hopping) NVNT\_ANT1 2-DH1 Hopping



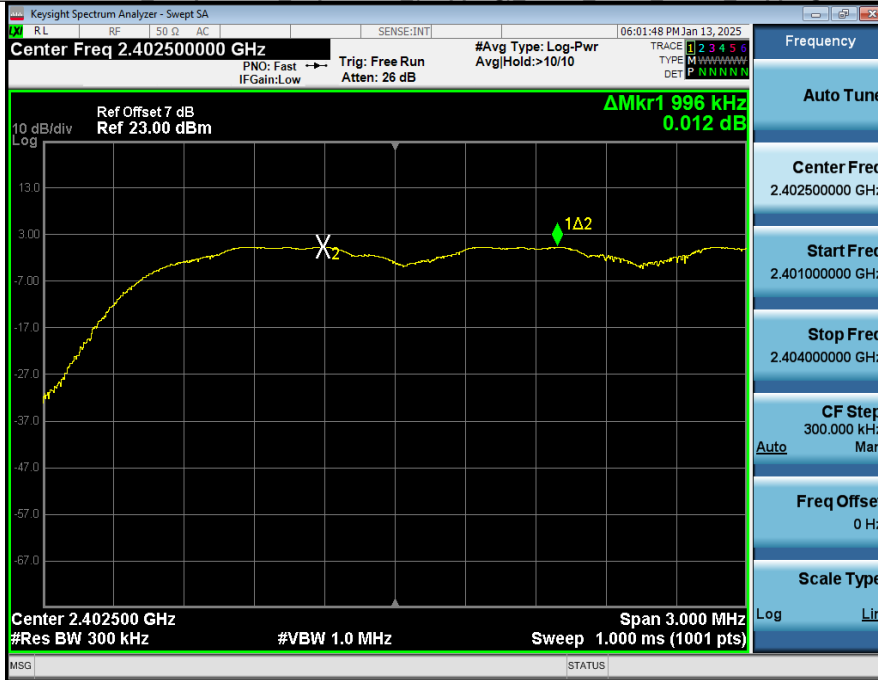
### Carrier Frequencies Separation (Hopping) NVNT ANT1 2-DH1 Hopping



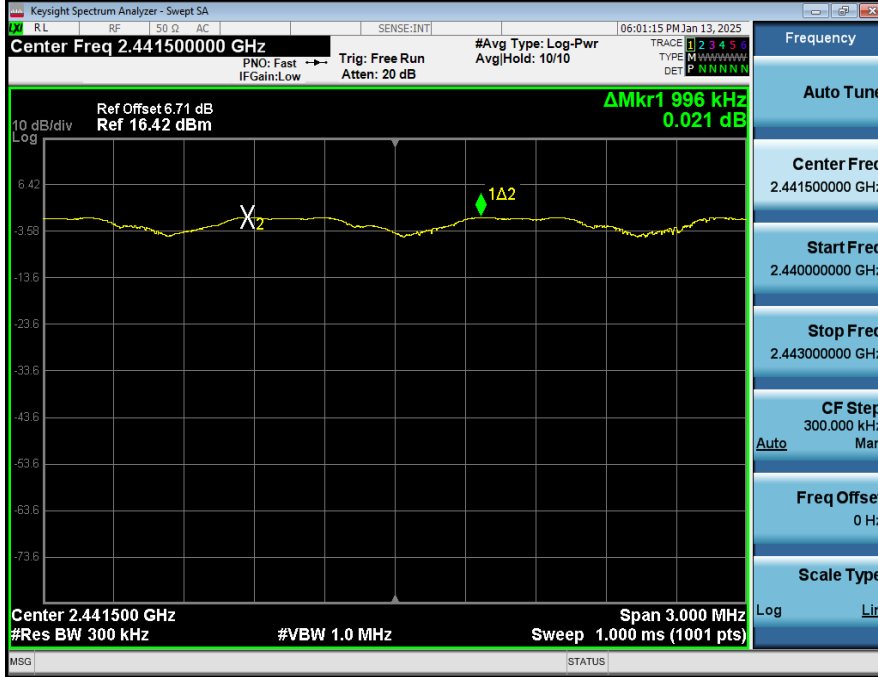
### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_2-DH1\_Hopping



### Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



### Carrier Frequencies Separation (Hopping) NVNT\_ANT1 3-DH1 Hopping



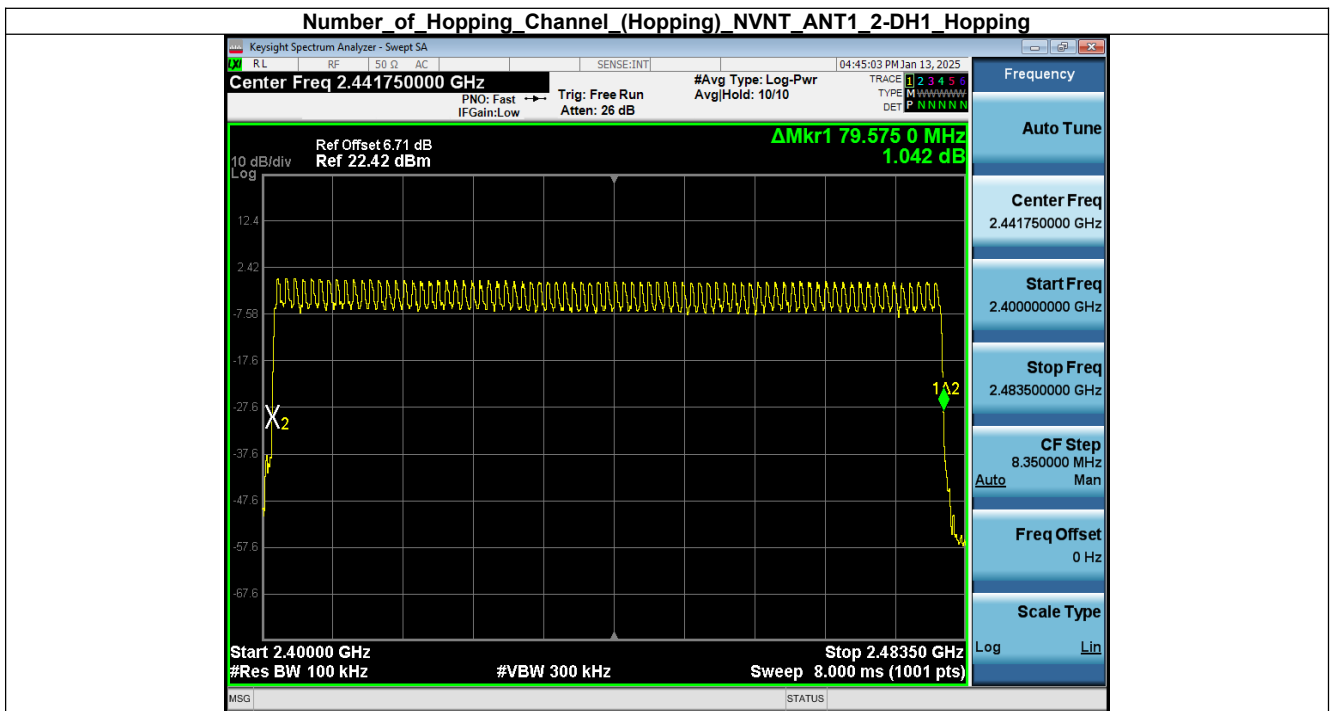
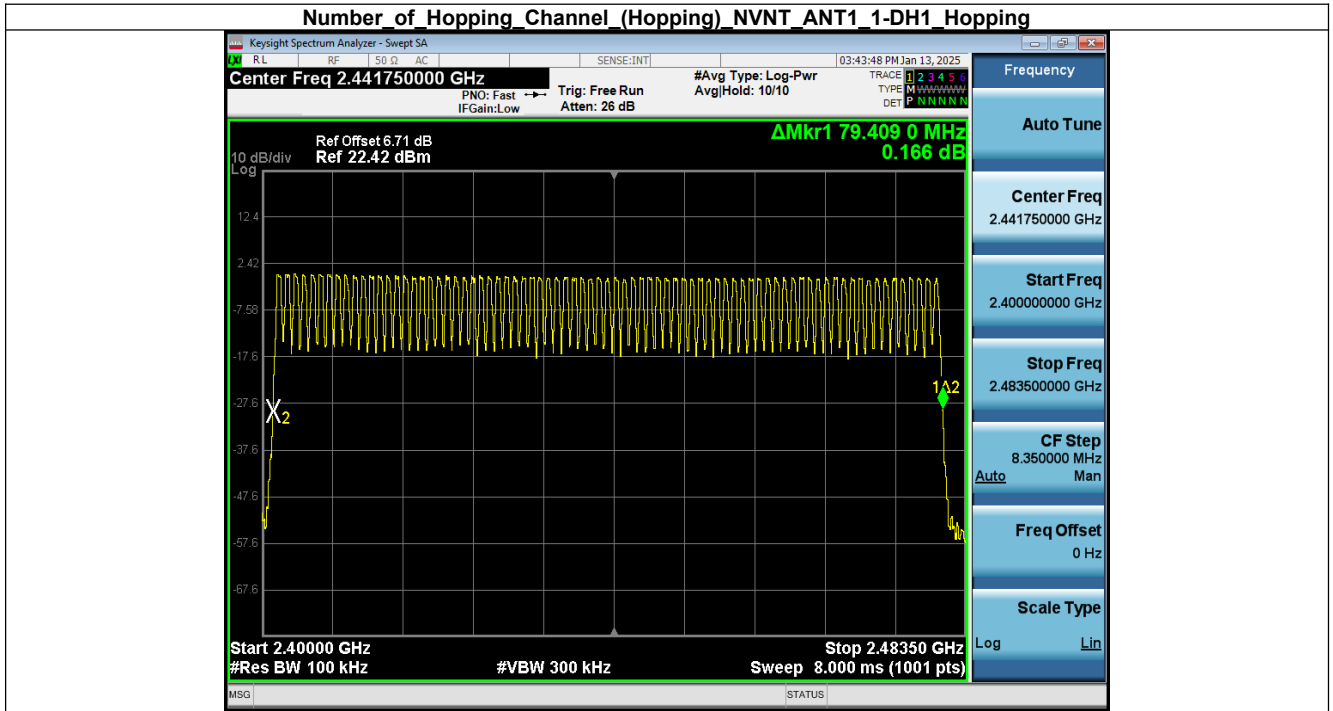
### Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



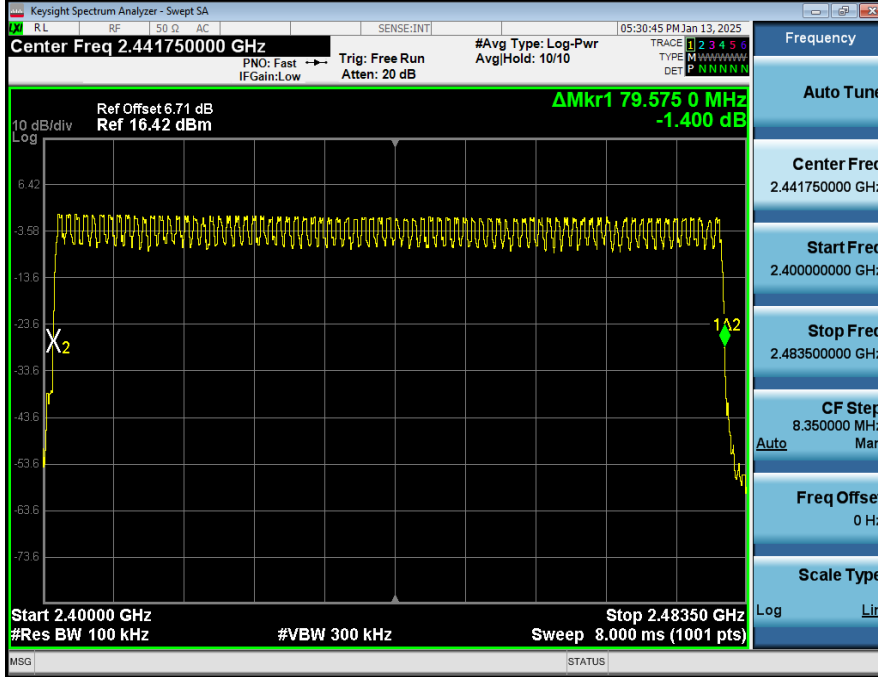


## 8. Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass
NVNT	ANT1	2-DH1	79	15	Pass
NVNT	ANT1	3-DH1	79	15	Pass



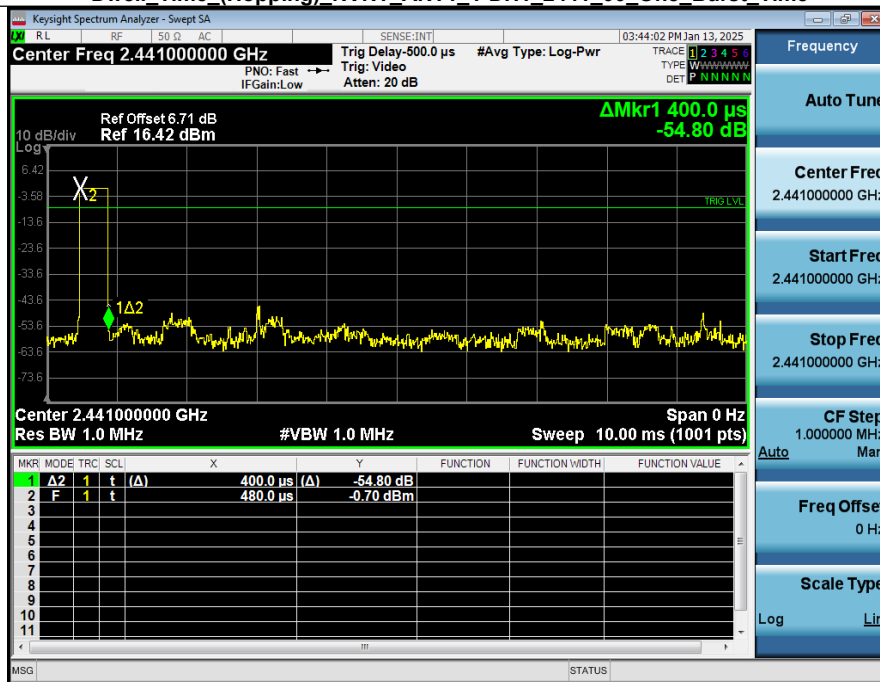
Number\_of\_Hopping\_Channel\_(Hopping)\_NVNT\_ANT1\_3-DH1\_Hopping



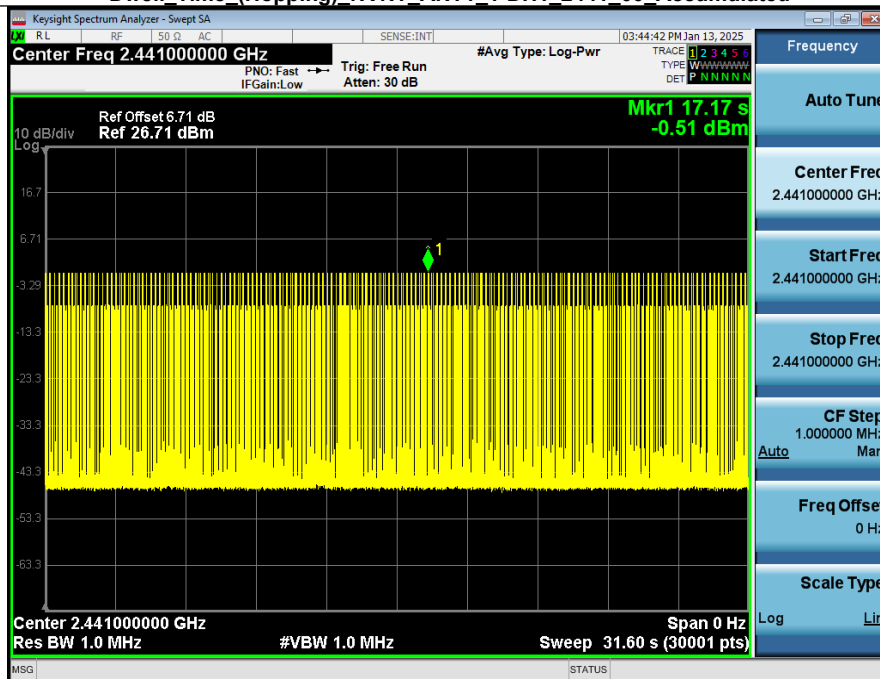
## 9. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.400	319.00	127.600	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	3-DH1	0.410	318.00	130.380	0.40	Pass
NVNT	ANT1	1-DH3	1.650	160.00	264.000	0.40	Pass
NVNT	ANT1	1-DH5	2.900	107.00	310.300	0.40	Pass
NVNT	ANT1	2-DH3	1.650	157.00	259.050	0.40	Pass
NVNT	ANT1	2-DH5	2.910	111.00	323.010	0.40	Pass
NVNT	ANT1	3-DH3	1.660	157.00	260.620	0.40	Pass
NVNT	ANT1	3-DH5	2.910	105.00	305.550	0.40	Pass

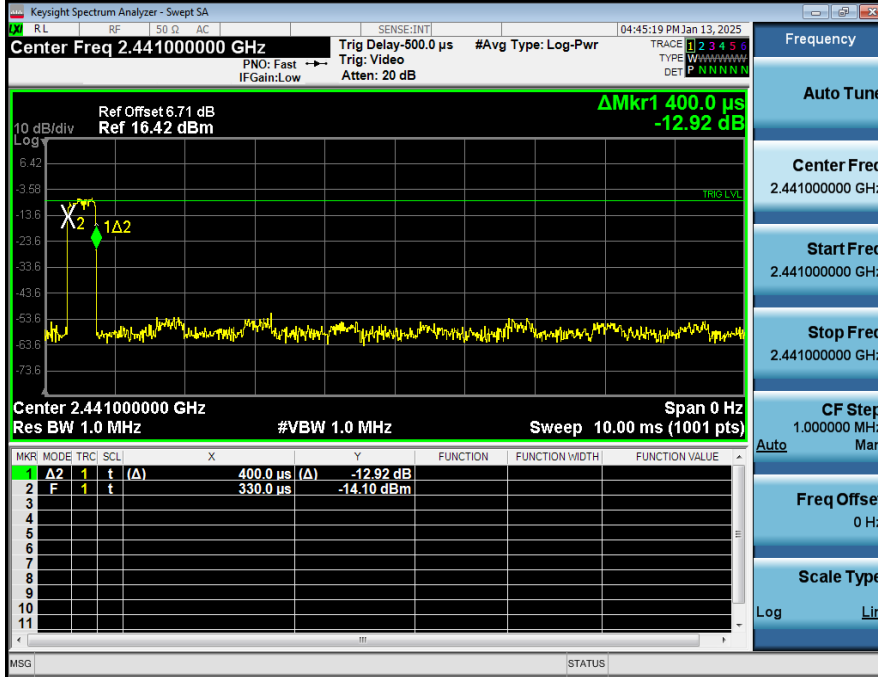
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 One Burst Time



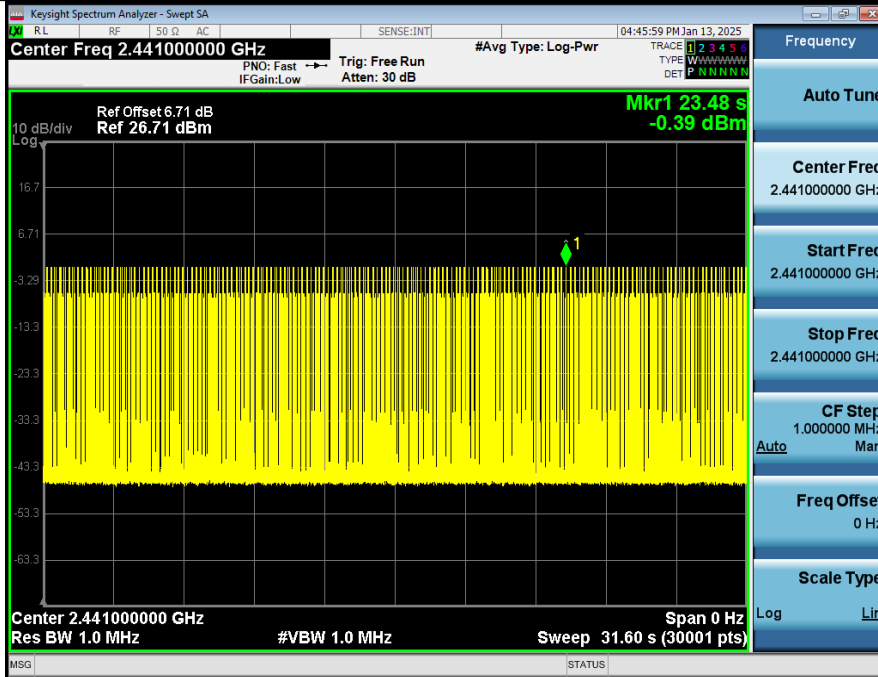
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 Accumulated



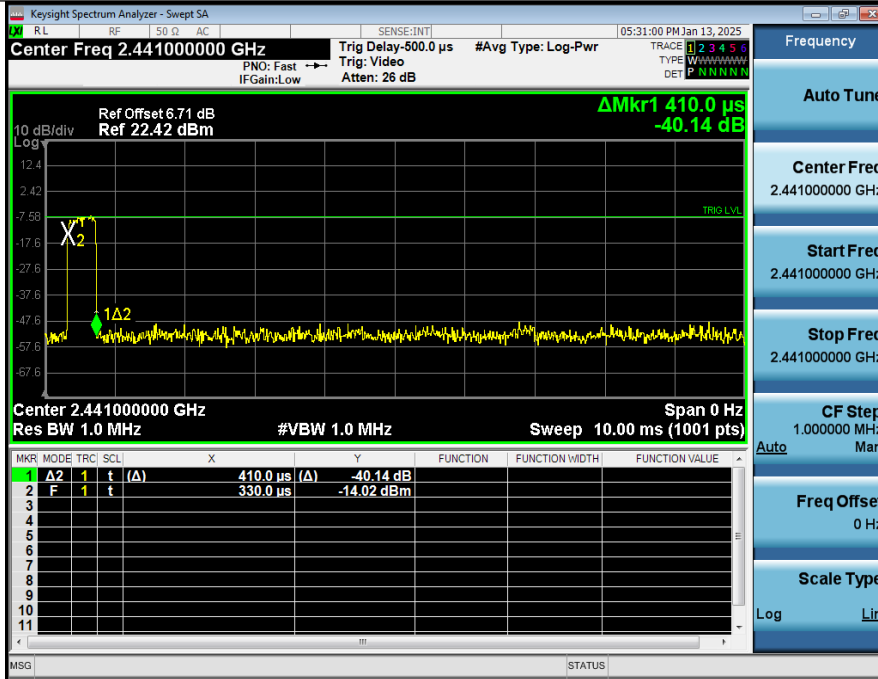
Dwell Time (Hopping) NVNT\_ANT1\_2-DH1\_2441\_00\_One Burst Time



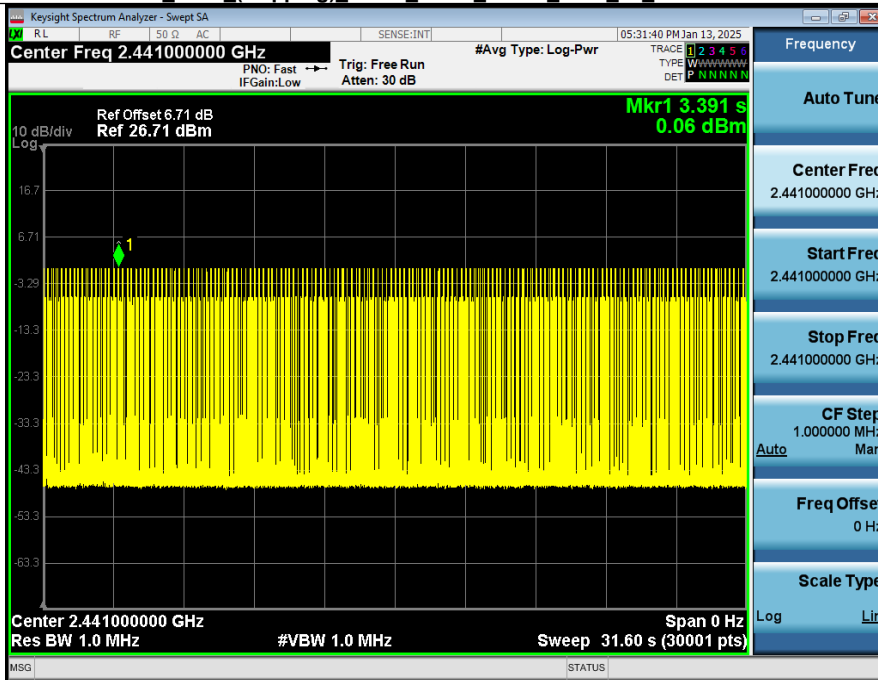
Dwell Time (Hopping) NVNT\_ANT1\_2-DH1\_2441\_00\_Accumulated



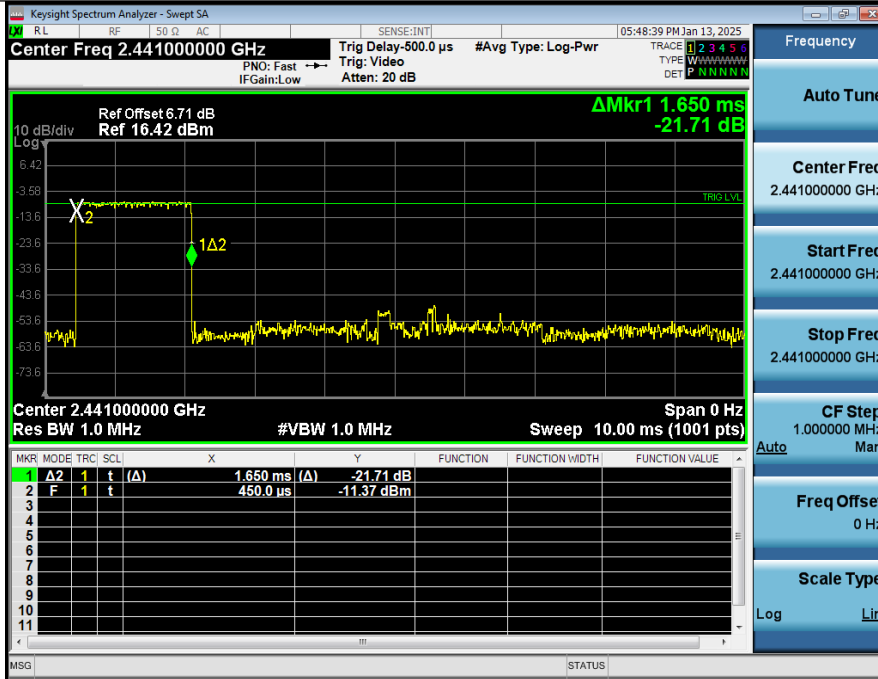
Dwell Time (Hopping) NVNT\_ANT1\_3-DH1\_2441\_00\_One Burst Time



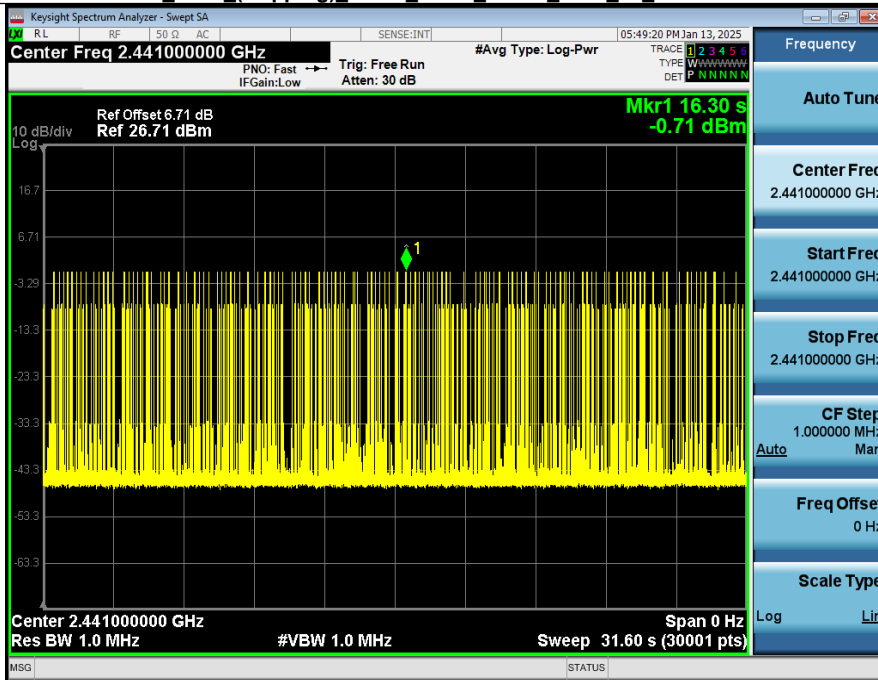
Dwell Time (Hopping) NVNT\_ANT1\_3-DH1\_2441\_00\_Accumulated



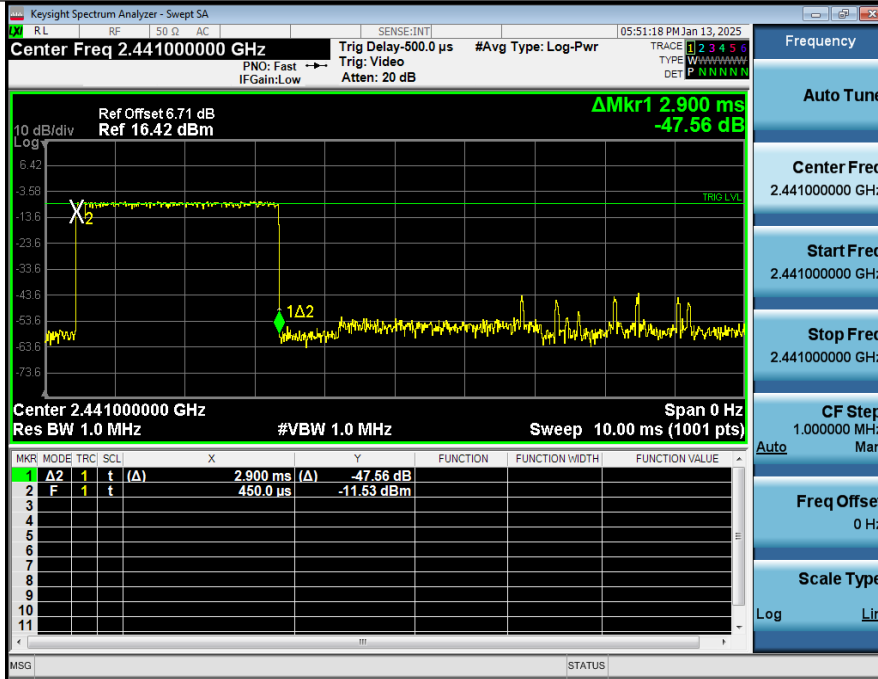
Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_One Burst Time



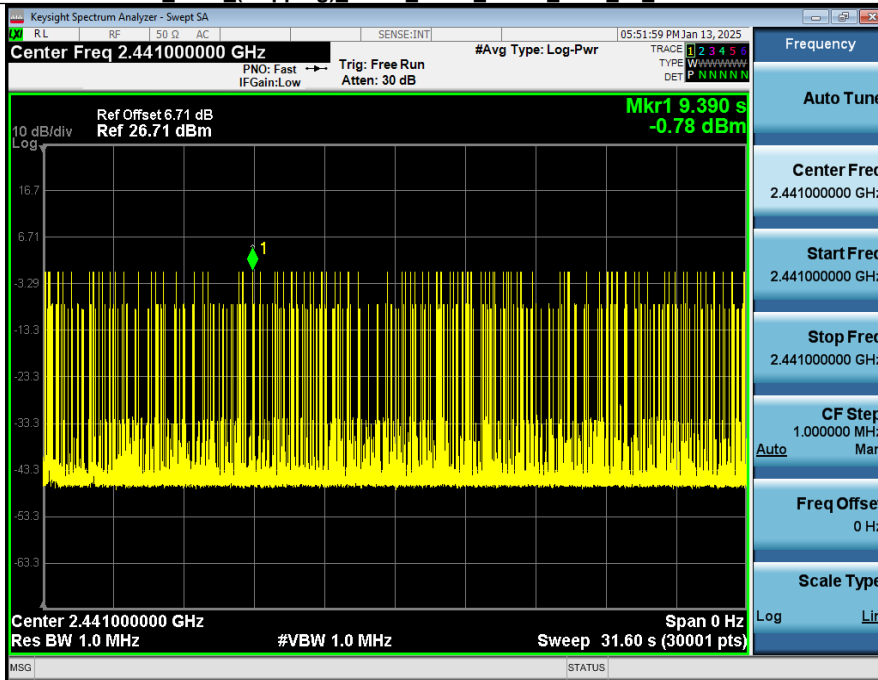
Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_Accumulated



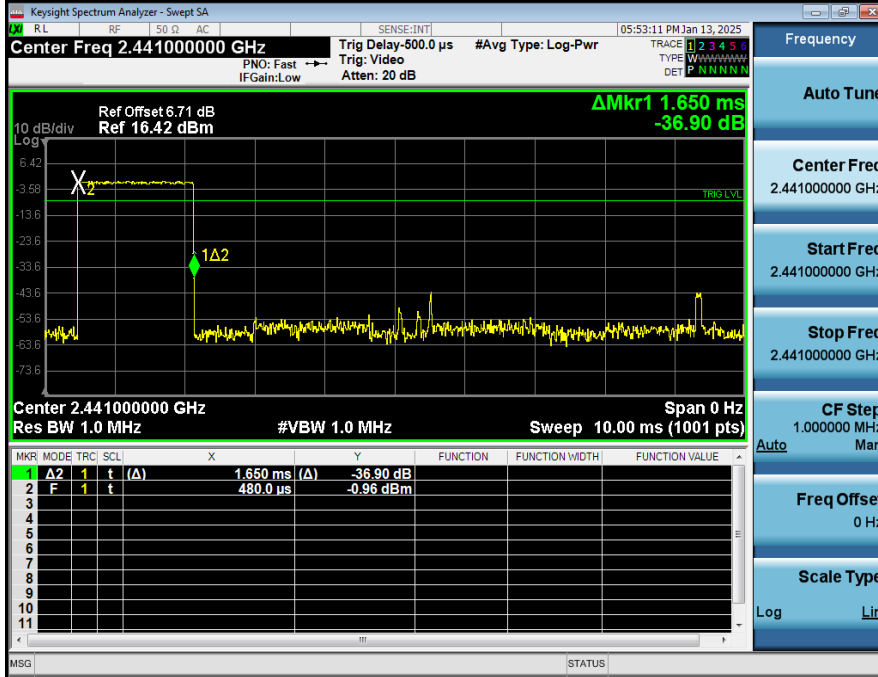
Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_One Burst Time



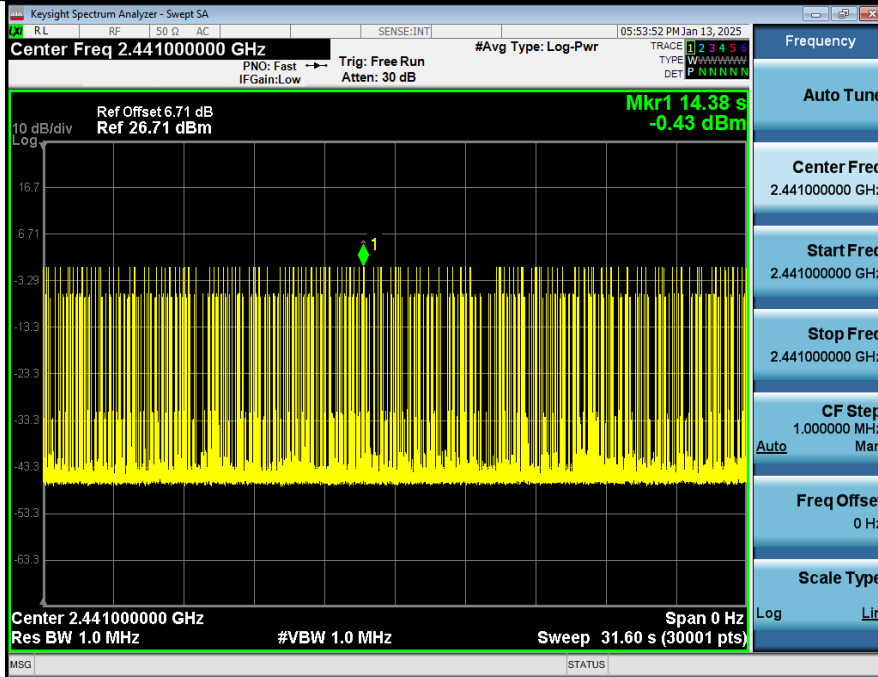
Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_Accumulated



Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_One Burst Time

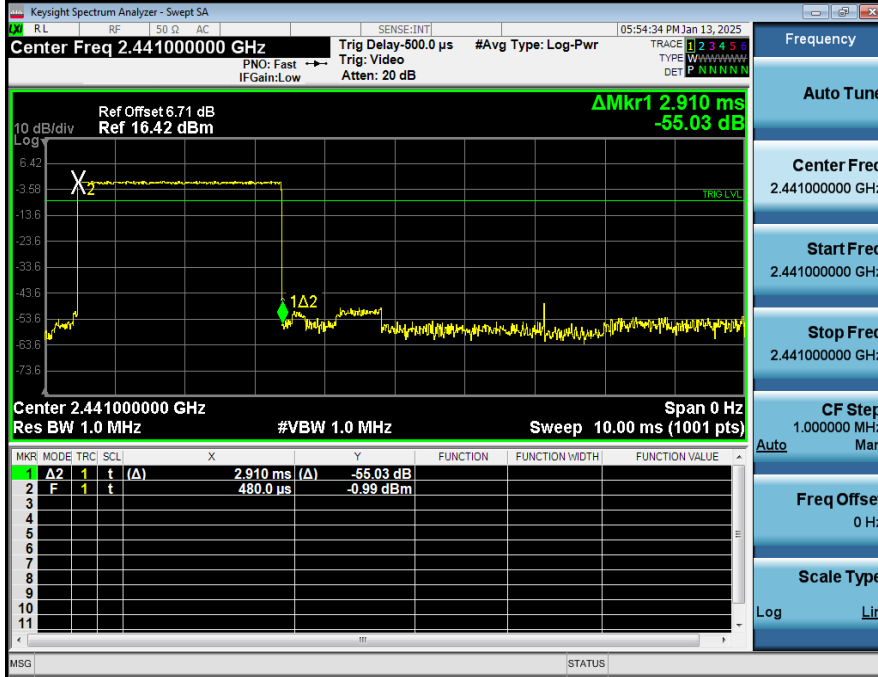


Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_Accumulated

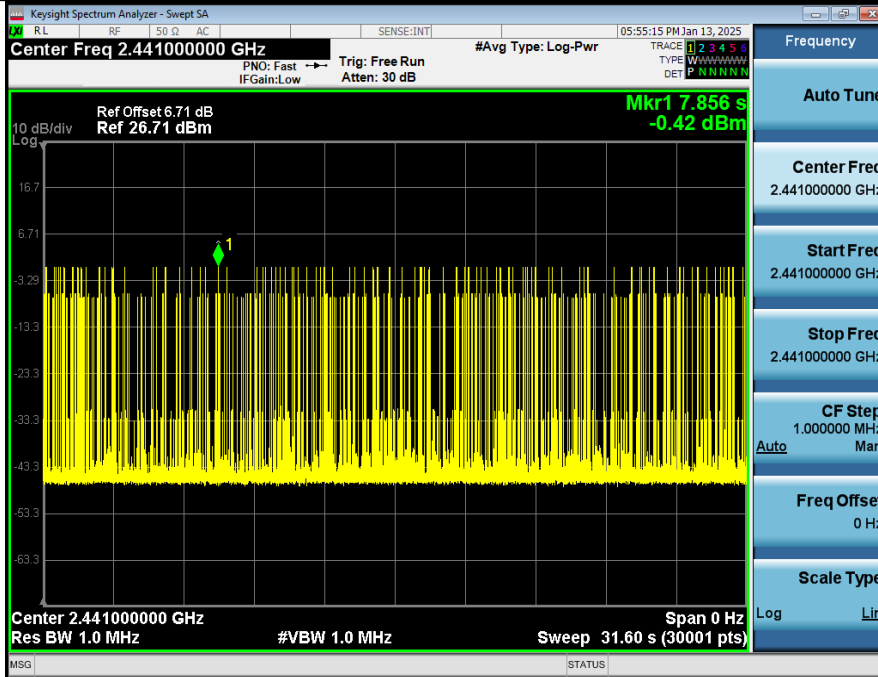




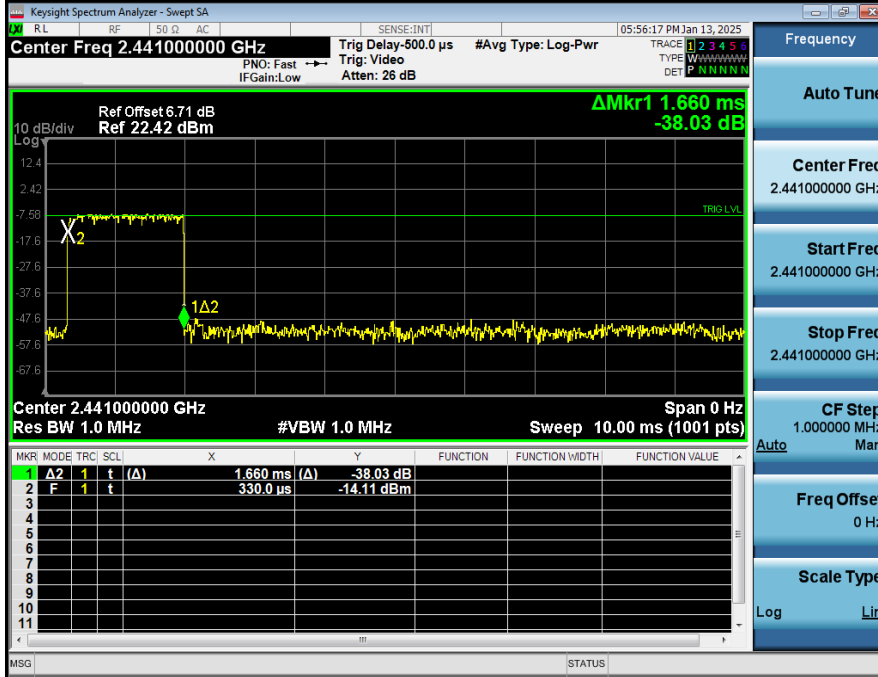
Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_One Burst Time



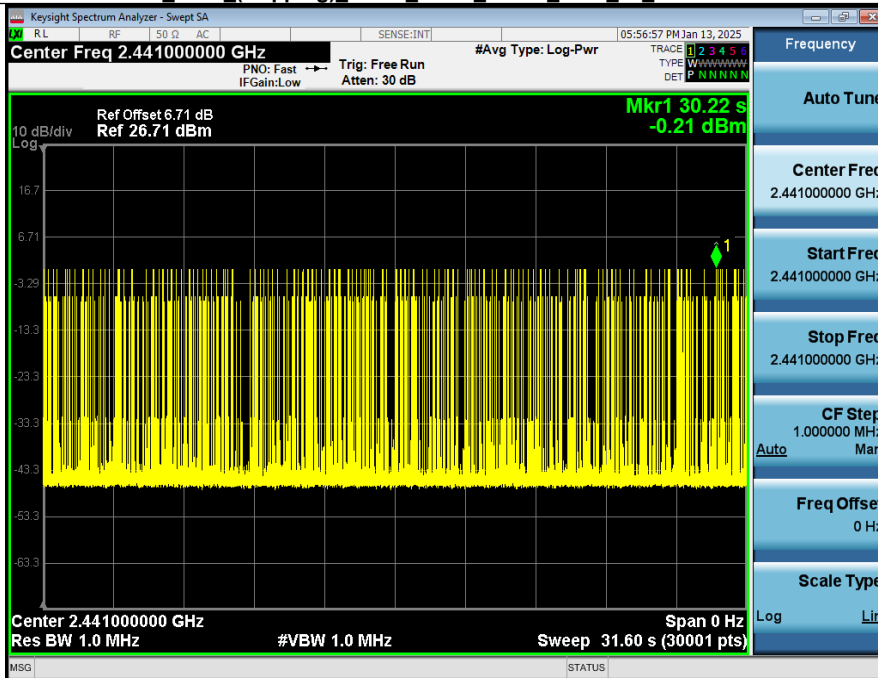
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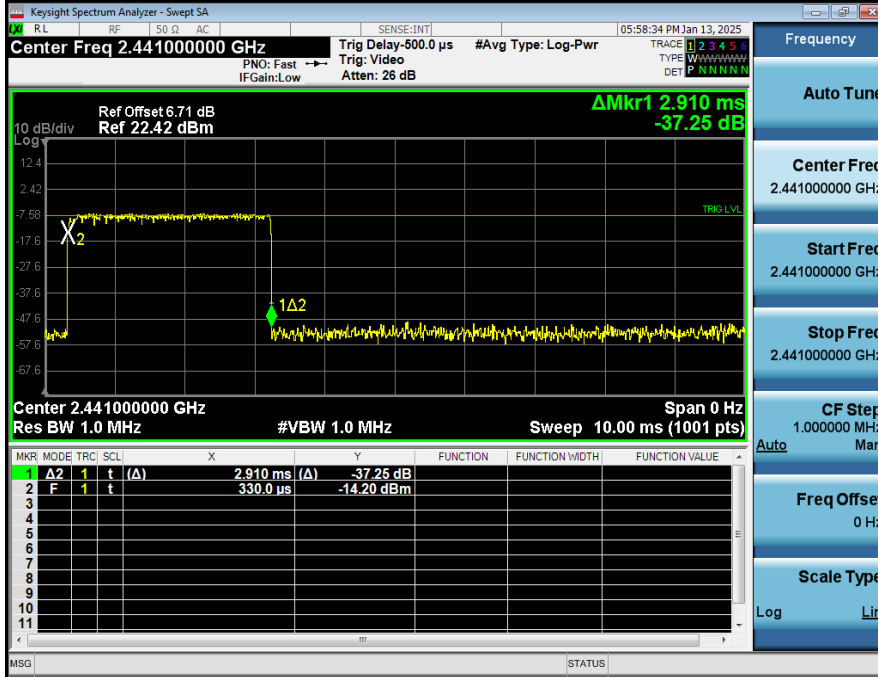
Dwell Time (Hopping) NVNT\_ANT1\_3-DH3\_2441\_00\_One Burst Time



Dwell Time (Hopping) NVNT\_ANT1\_3-DH3\_2441\_00\_Accumulated



Dwell Time (Hopping) NVNT\_ANT1\_3-DH5\_2441\_00\_One Burst Time



Dwell Time (Hopping) NVNT\_ANT1\_3-DH5\_2441\_00\_Accumulated

