

FCC ID EDR
FCC_BT (Part15.247) Test Data
FCC ID:2BUOW-6060404
Report No.: BKC26010431AE-1

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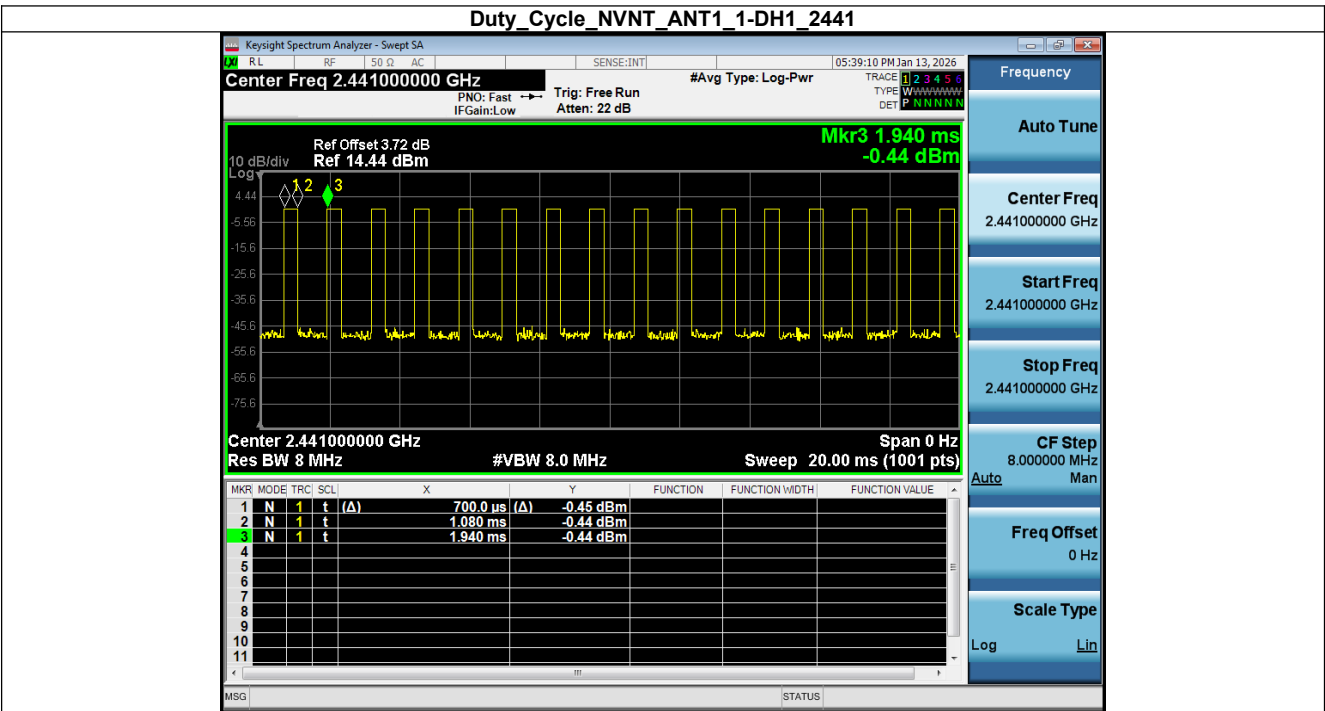
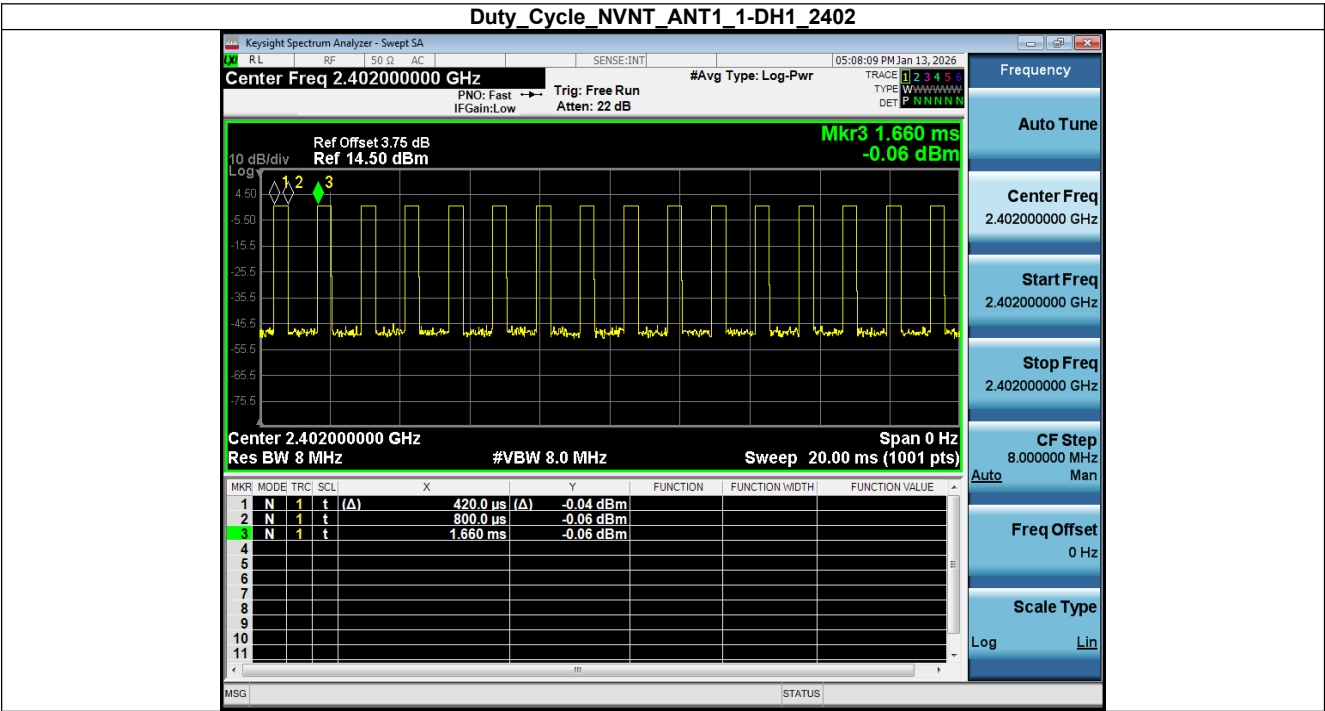
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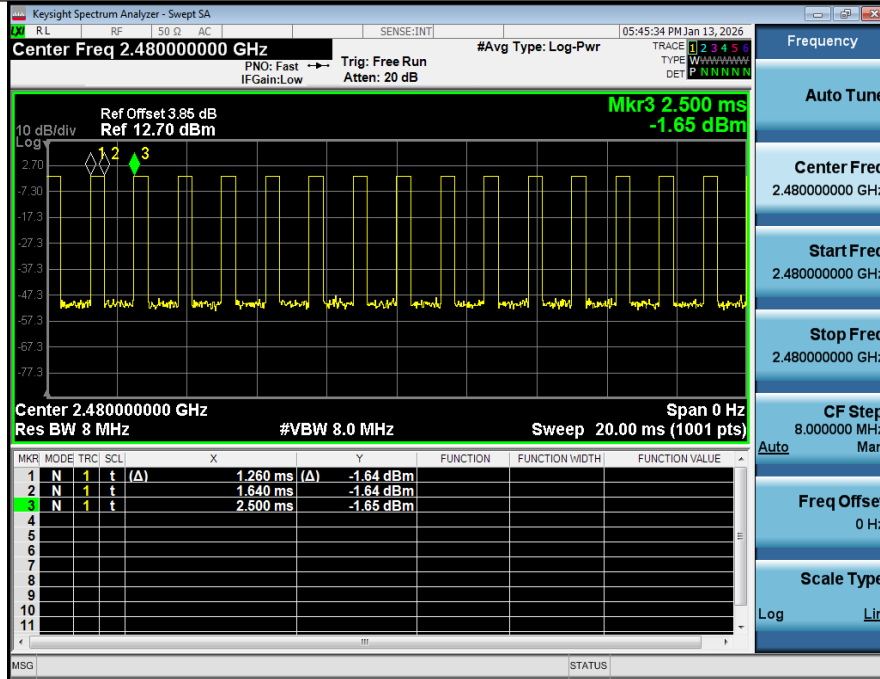
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1. Duty Cycle

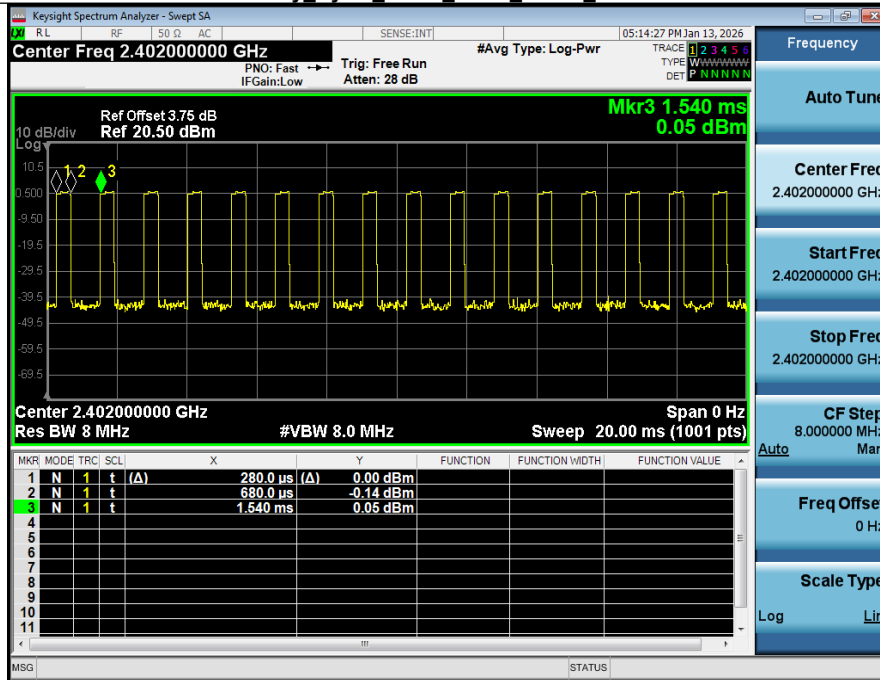
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	30.65	5.14
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	32.26	4.91
NVNT	ANT1	2-DH1	2402.00	31.75	4.98
NVNT	ANT1	2-DH1	2441.00	33.87	4.70
NVNT	ANT1	2-DH1	2480.00	32.26	4.91



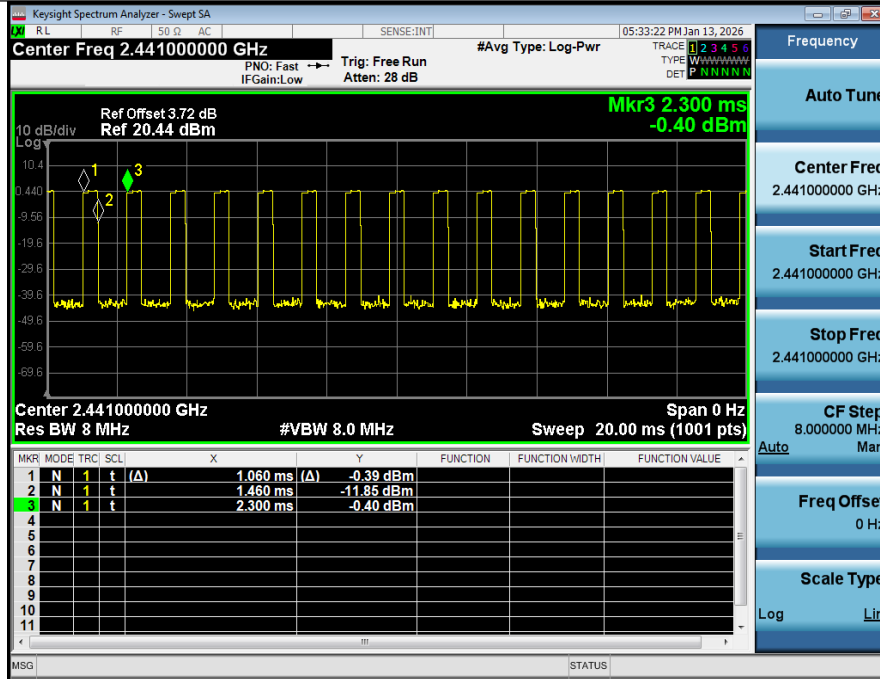
Duty Cycle NVNT_ANT1_1-DH1_2480



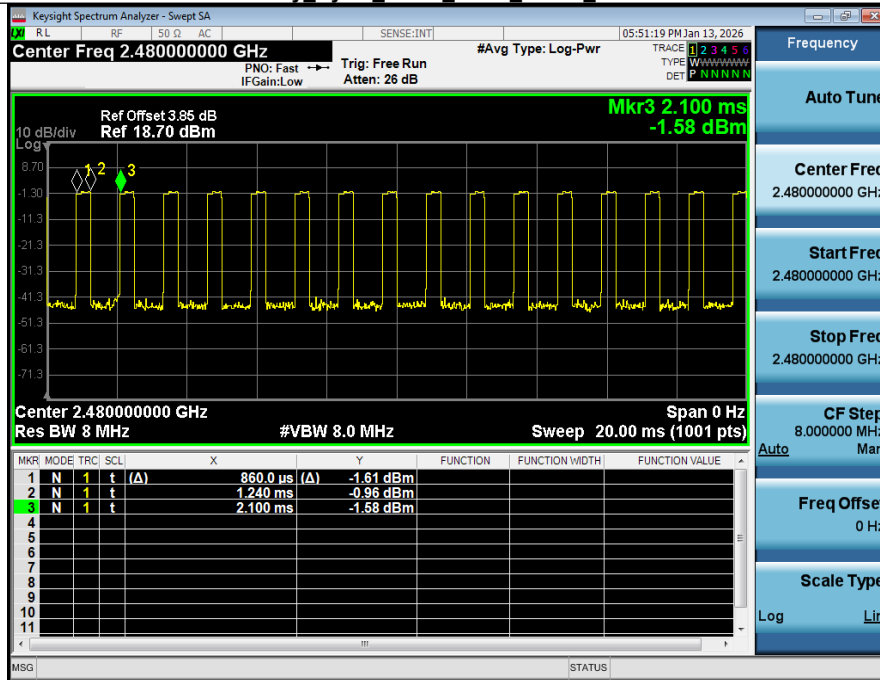
Duty Cycle NVNT_ANT1_2-DH1_2402



Duty Cycle NVNT_ANT1_2-DH1_2441

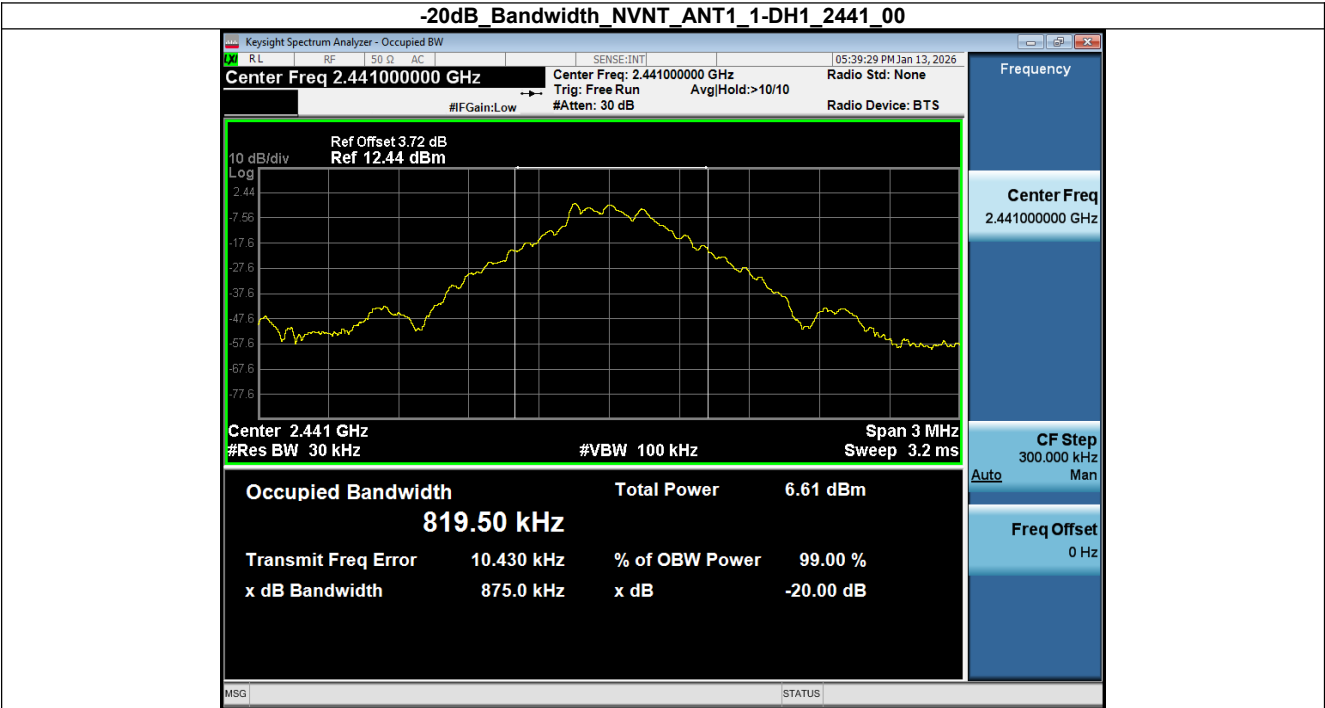
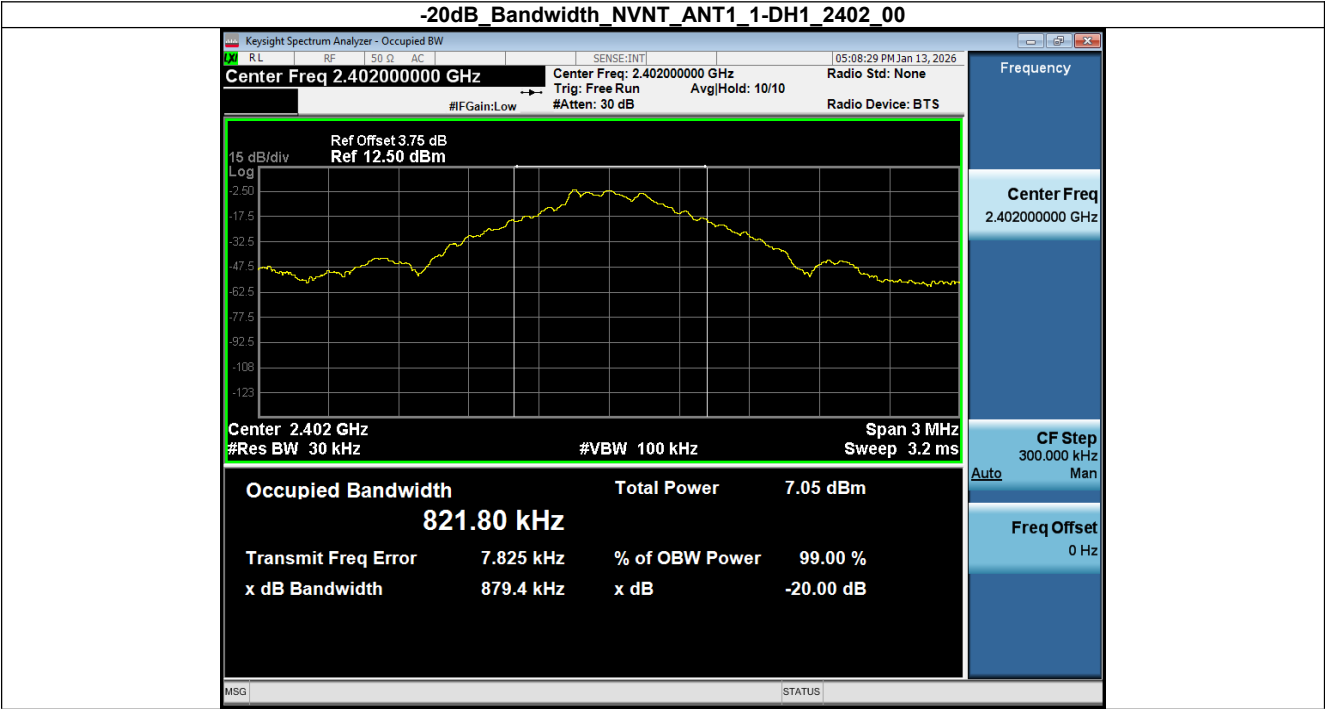


Duty Cycle NVNT_ANT1_2-DH1_2480

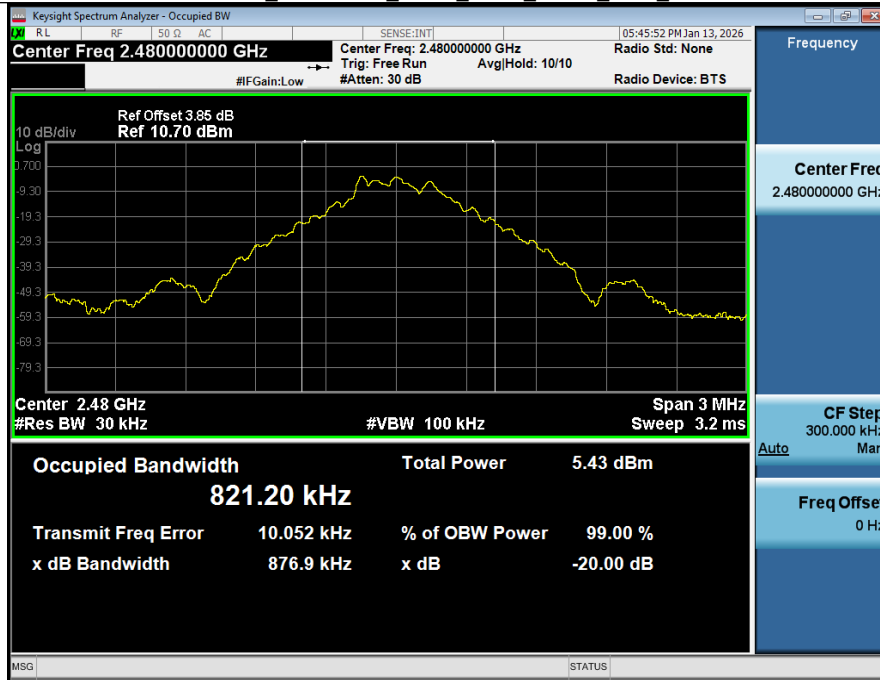


2. -20dB Bandwidth

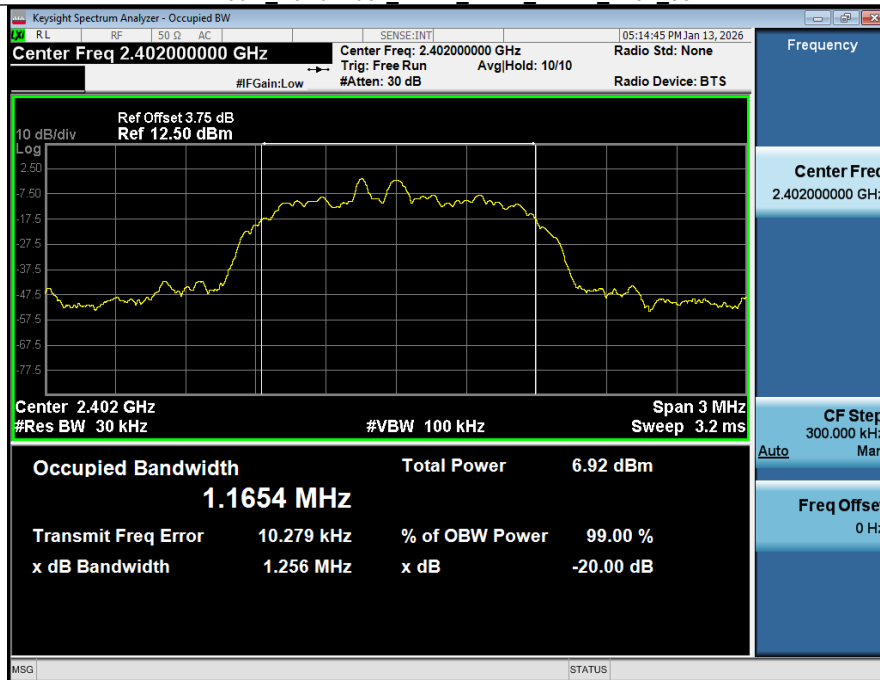
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.879	No
NVNT	ANT1	1-DH1	2441.00	0.875	No
NVNT	ANT1	1-DH1	2480.00	0.877	No
NVNT	ANT1	2-DH1	2402.00	1.256	Yes
NVNT	ANT1	2-DH1	2441.00	1.256	Yes
NVNT	ANT1	2-DH1	2480.00	1.255	Yes



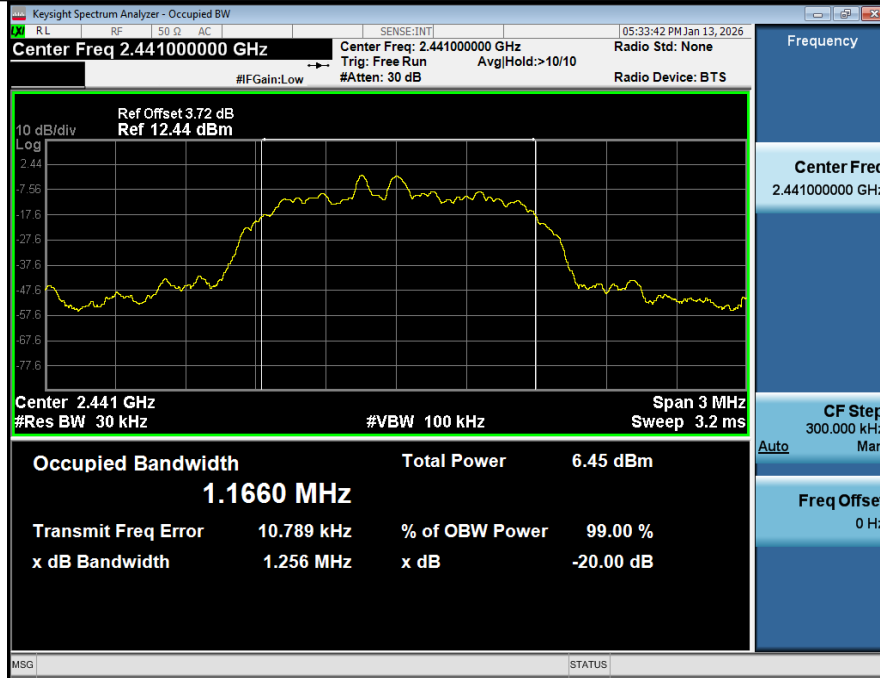
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



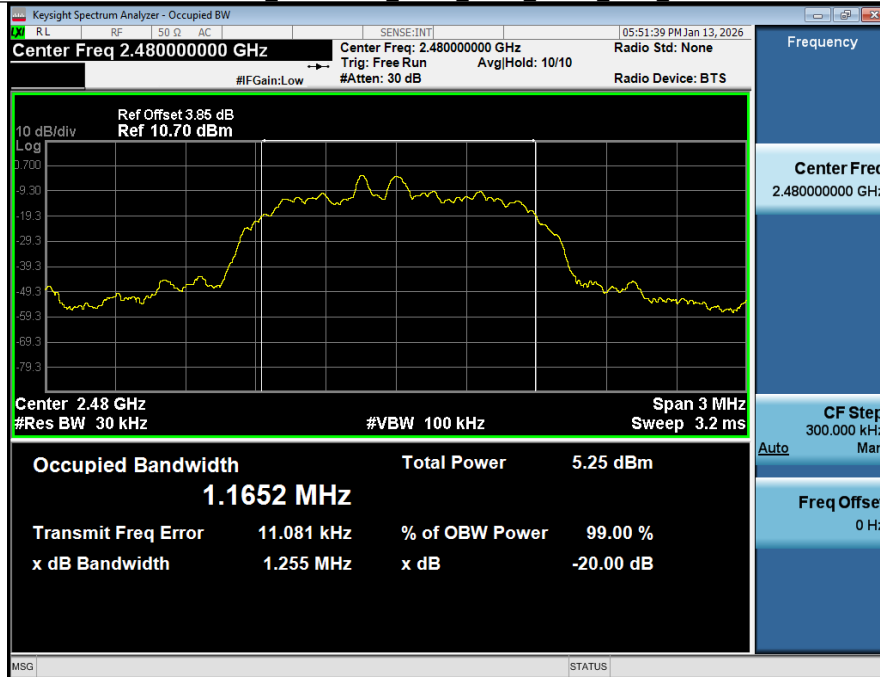
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00

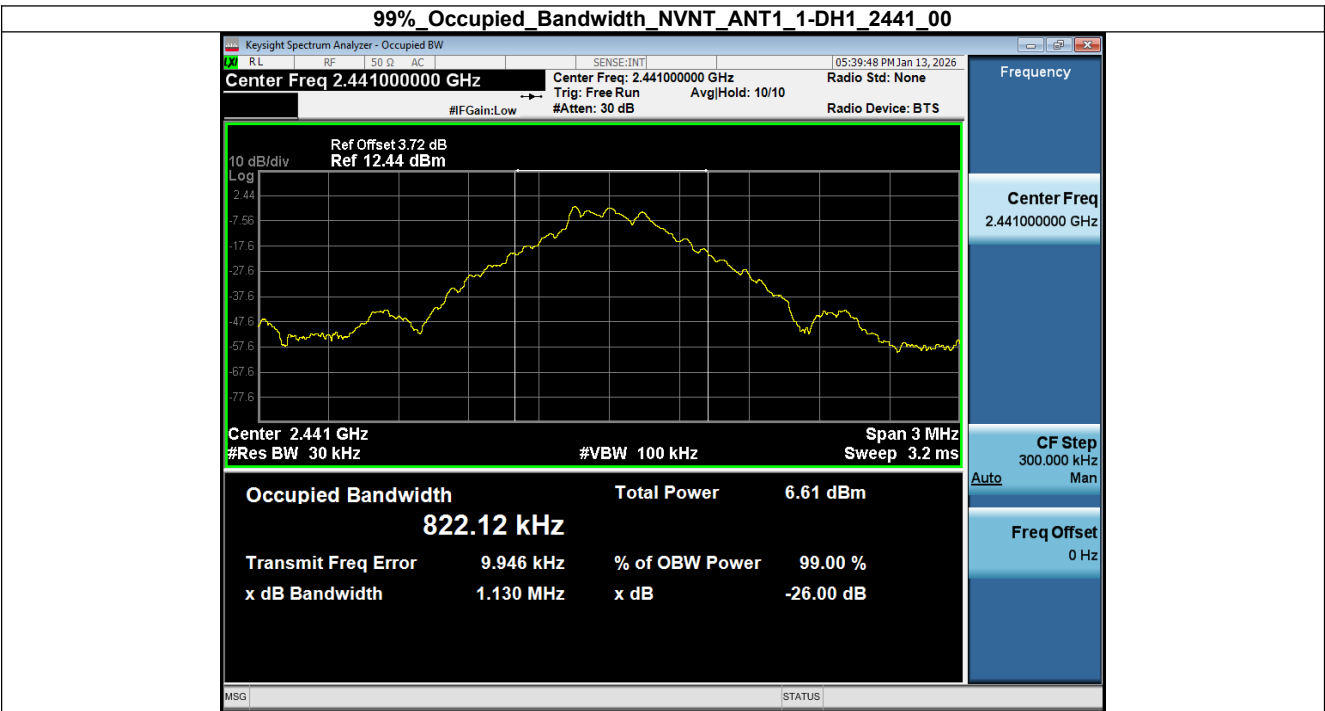
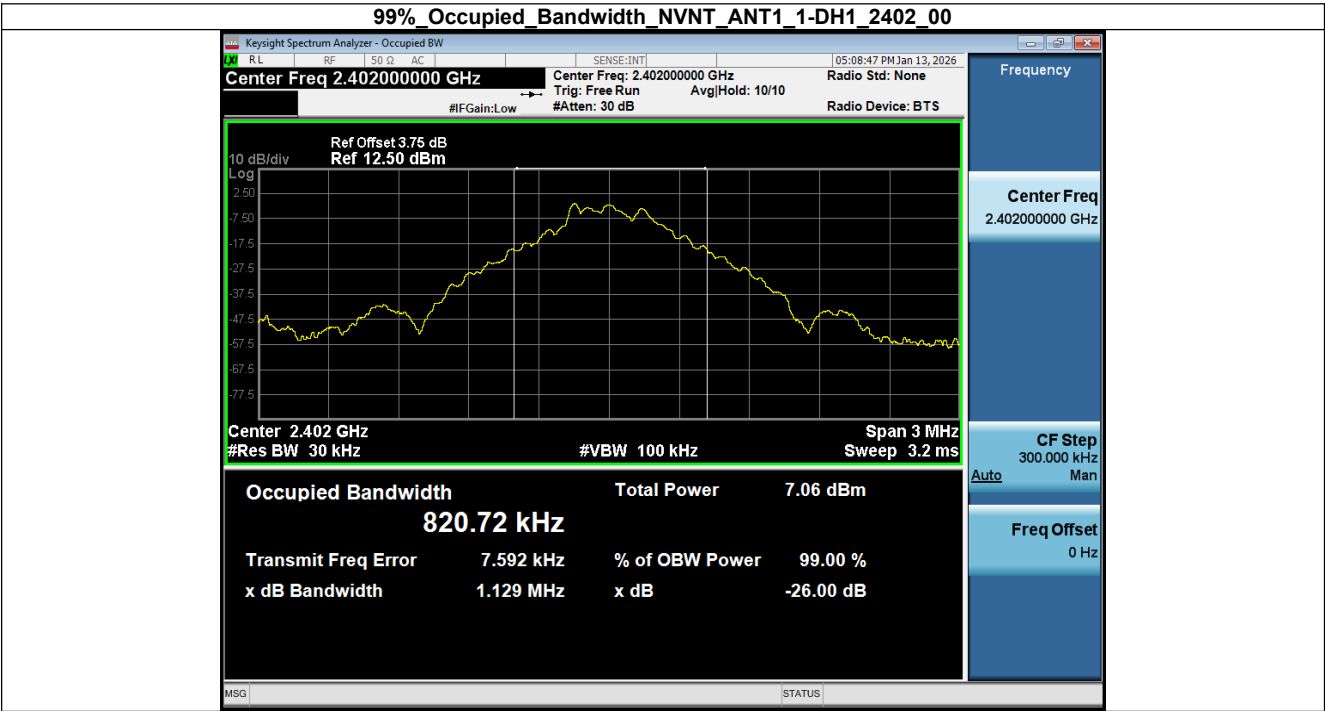


-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00

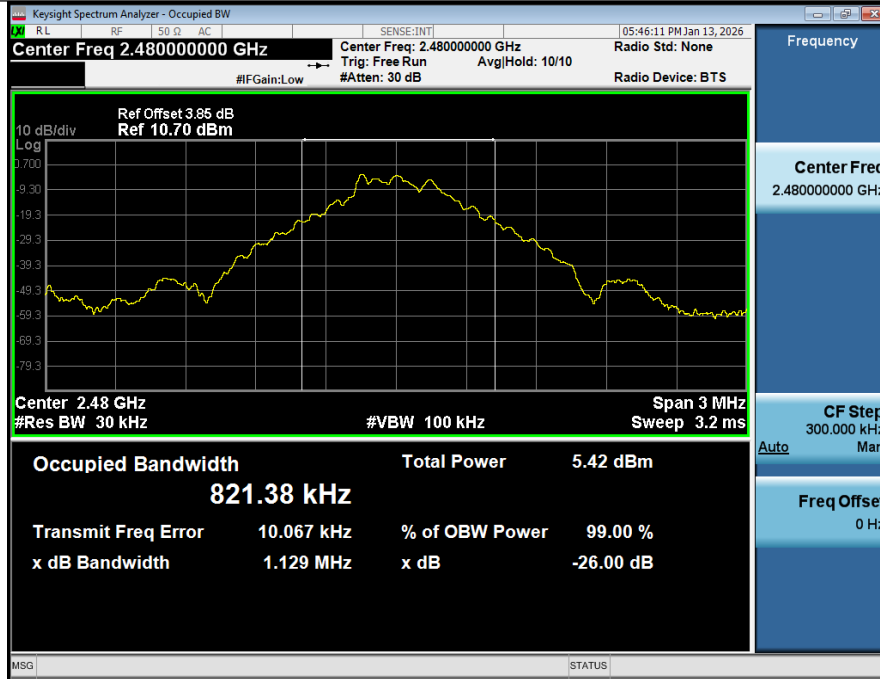


3. 99% Occupied Bandwidth

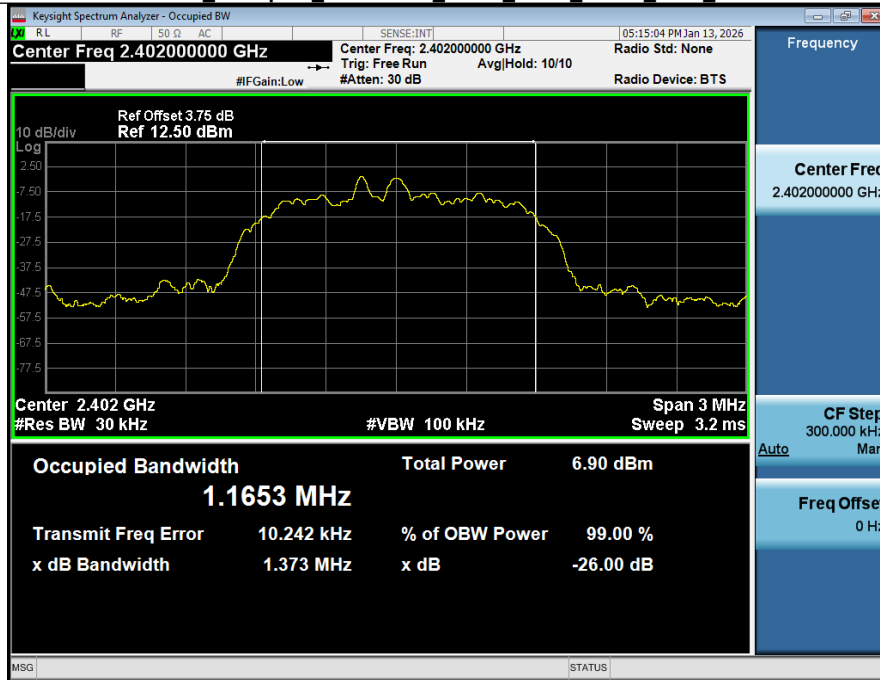
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.821
NVNT	ANT1	1-DH1	2441.00	0.822
NVNT	ANT1	1-DH1	2480.00	0.821
NVNT	ANT1	2-DH1	2402.00	1.165
NVNT	ANT1	2-DH1	2441.00	1.166
NVNT	ANT1	2-DH1	2480.00	1.165



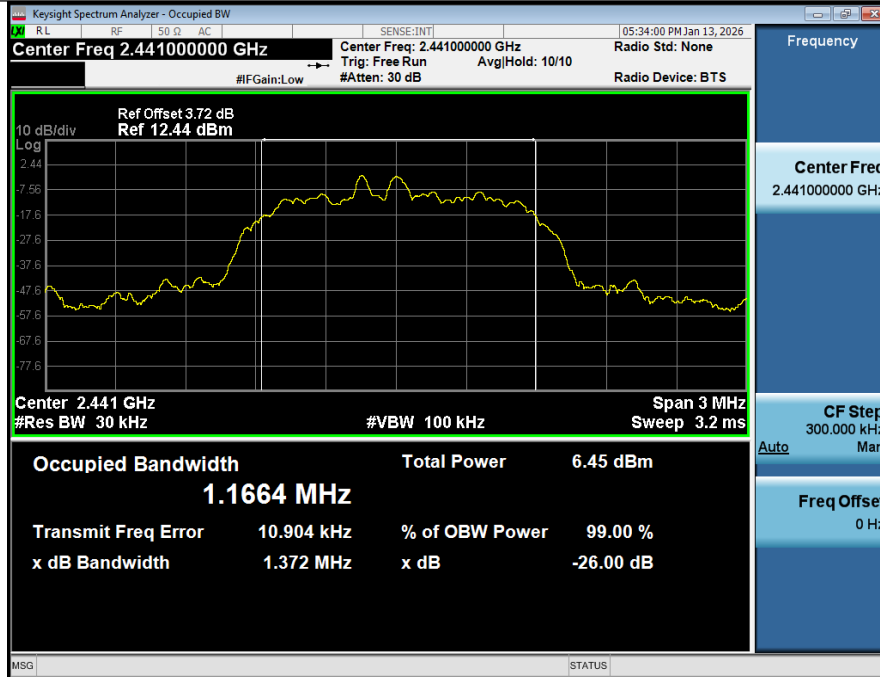
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00

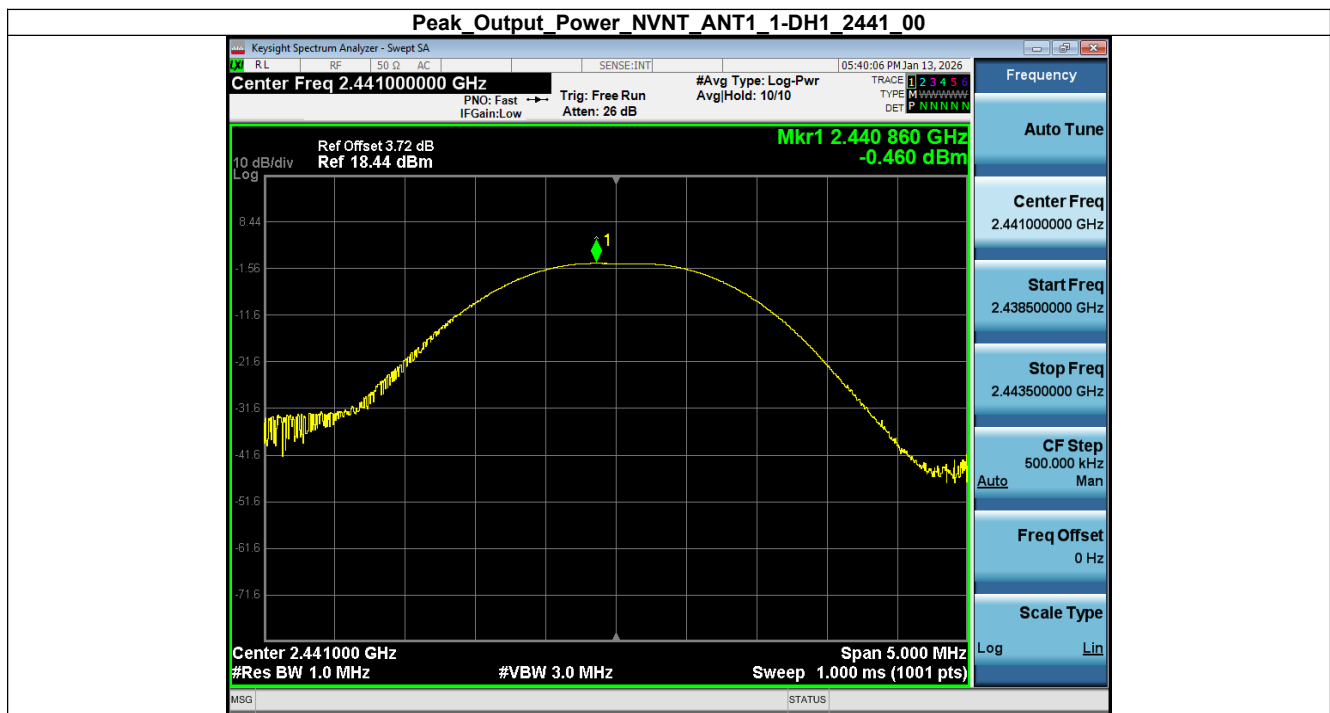
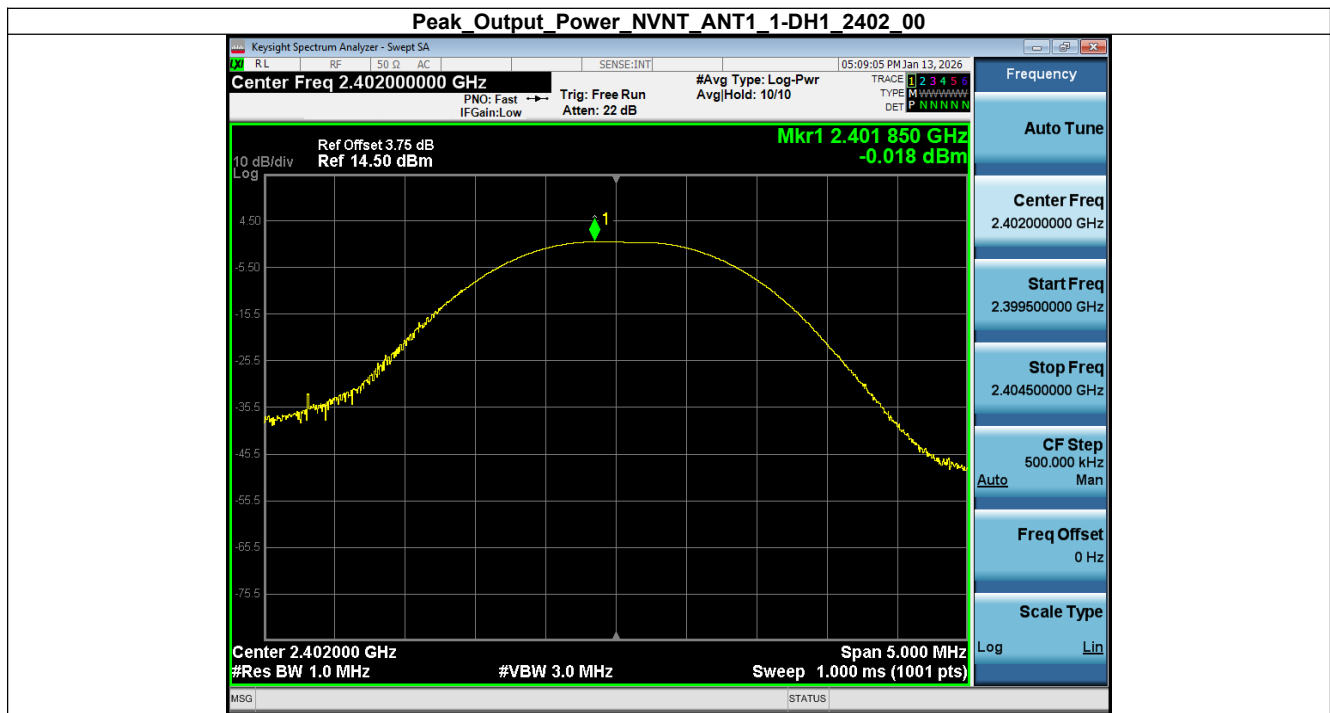


99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00

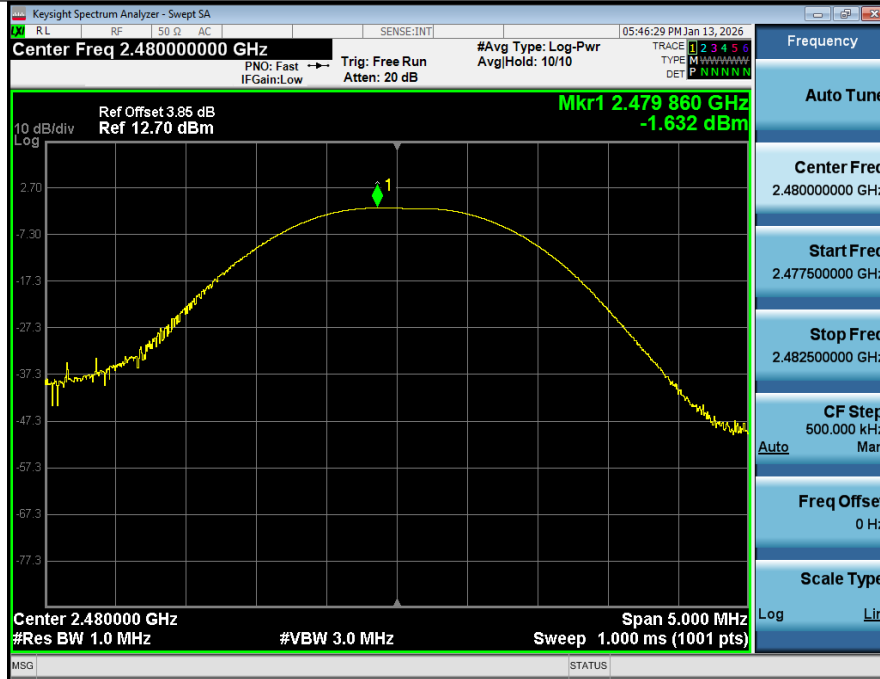


4. Peak Output Power

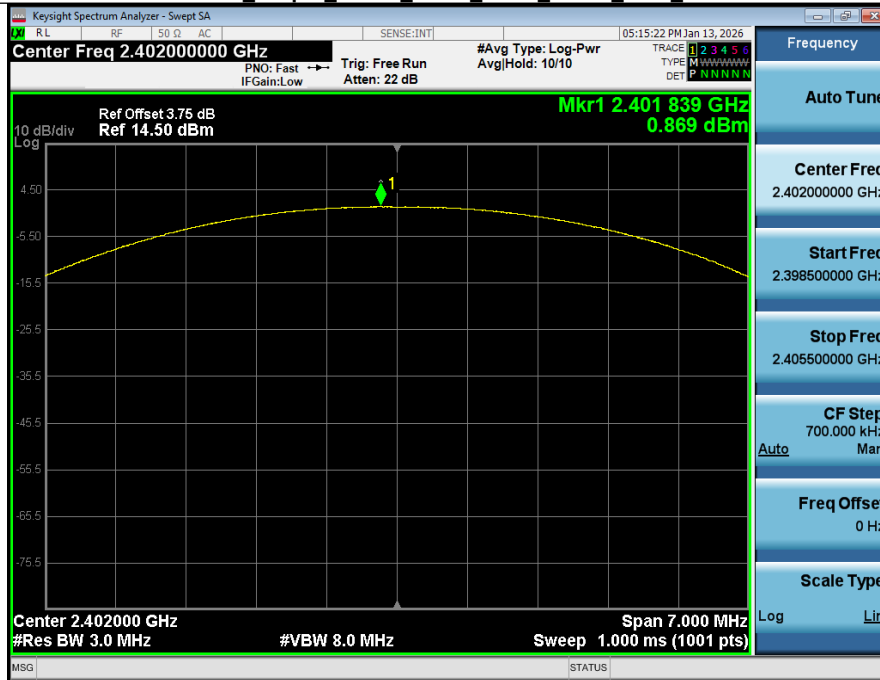
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-0.02	1.00	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.46	0.90	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-1.63	0.69	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.87	1.22	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.46	1.11	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.74	0.84	125	Pass



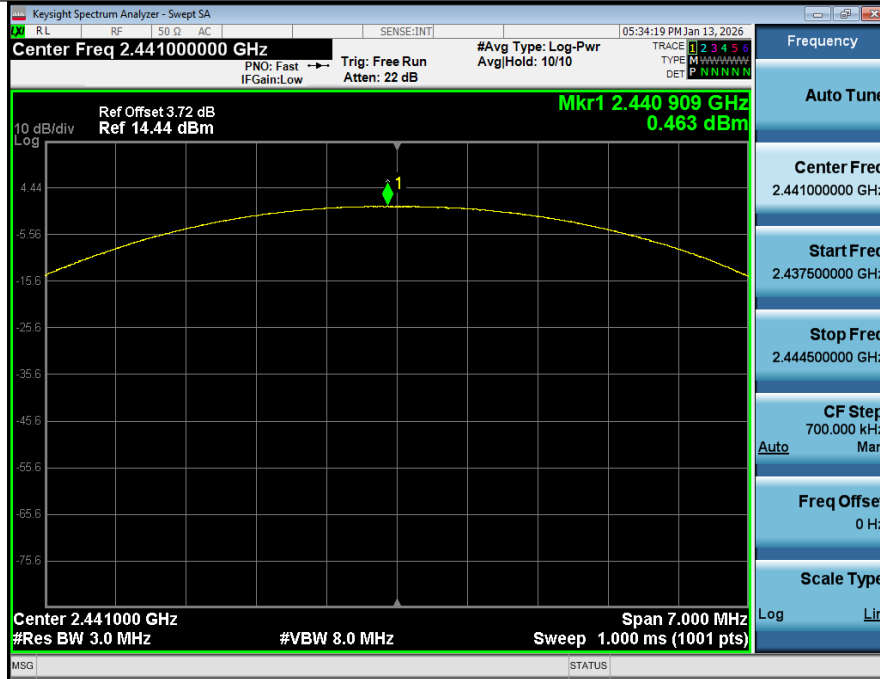
Peak Output Power_NVNT_ANT1_1-DH1_2480_00



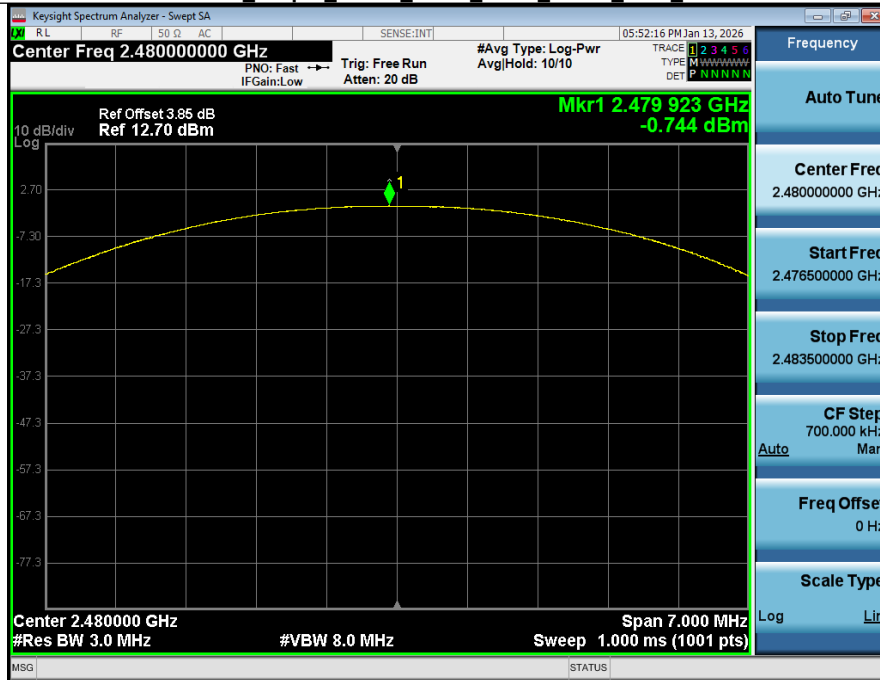
Peak Output Power_NVNT_ANT1_2-DH1_2402_00



Peak Output Power_NVNT_ANT1_2-DH1_2441_00

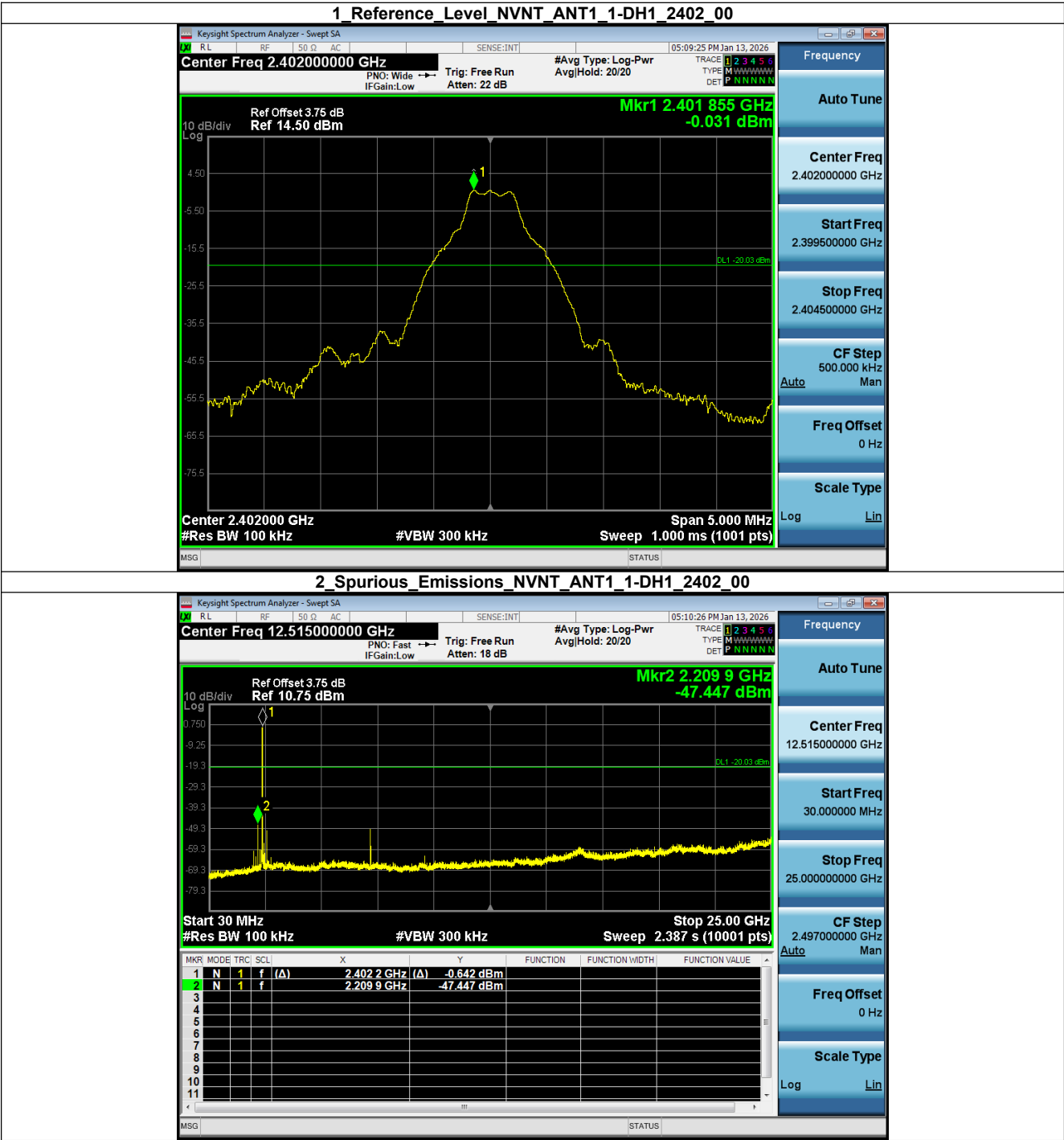


Peak Output Power_NVNT_ANT1_2-DH1_2480_00



5. Spurious Emissions

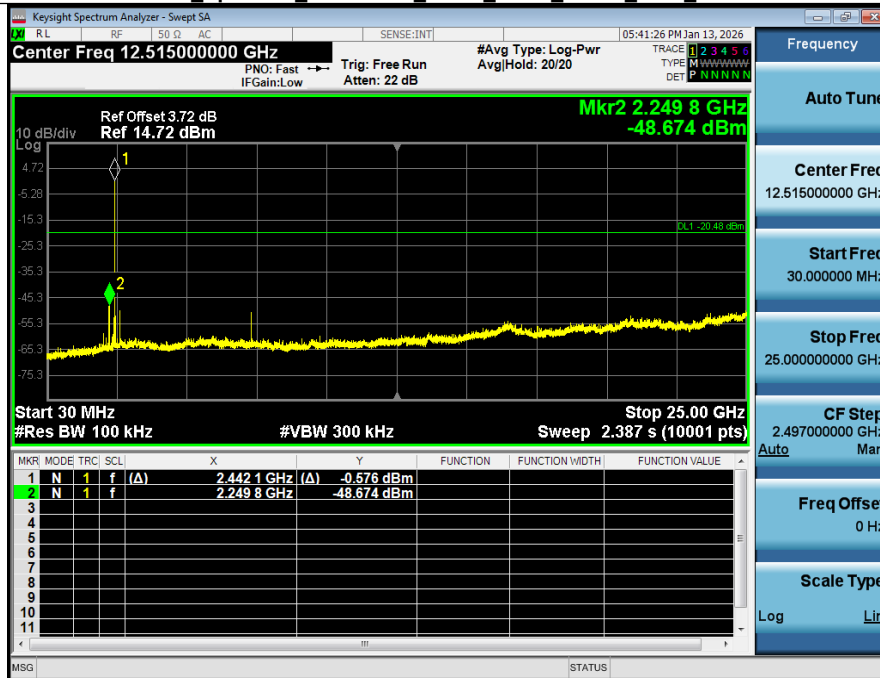
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.031	-47.447	-20.031	Pass
NVNT	ANT1	1-DH1	2441.00	-0.480	-48.674	-20.480	Pass
NVNT	ANT1	1-DH1	2480.00	-1.673	-45.223	-21.673	Pass
NVNT	ANT1	2-DH1	2402.00	-0.045	-48.836	-20.045	Pass
NVNT	ANT1	2-DH1	2441.00	-0.444	-46.113	-20.444	Pass
NVNT	ANT1	2-DH1	2480.00	-1.674	-45.091	-21.674	Pass



1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



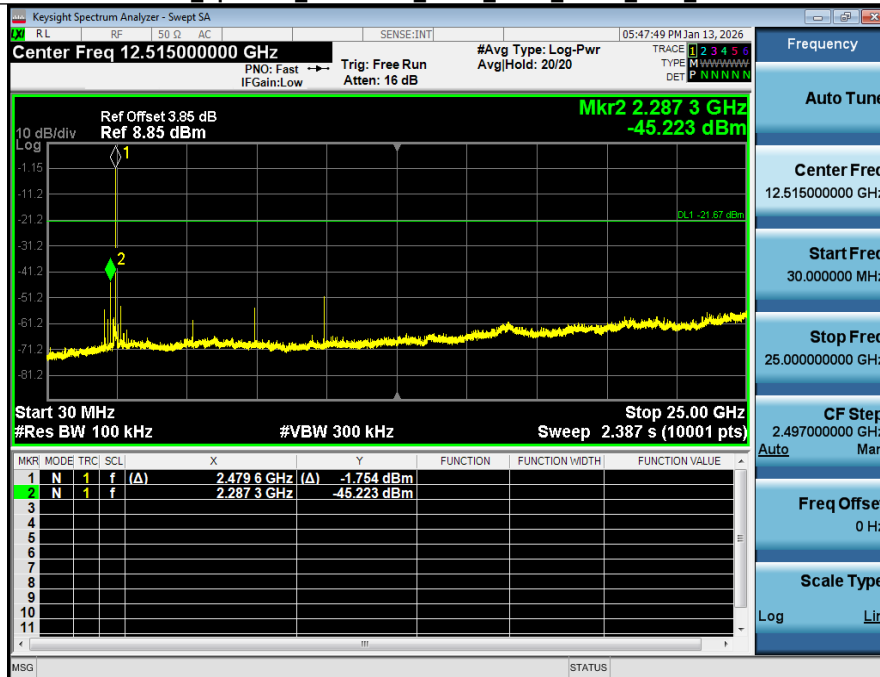
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



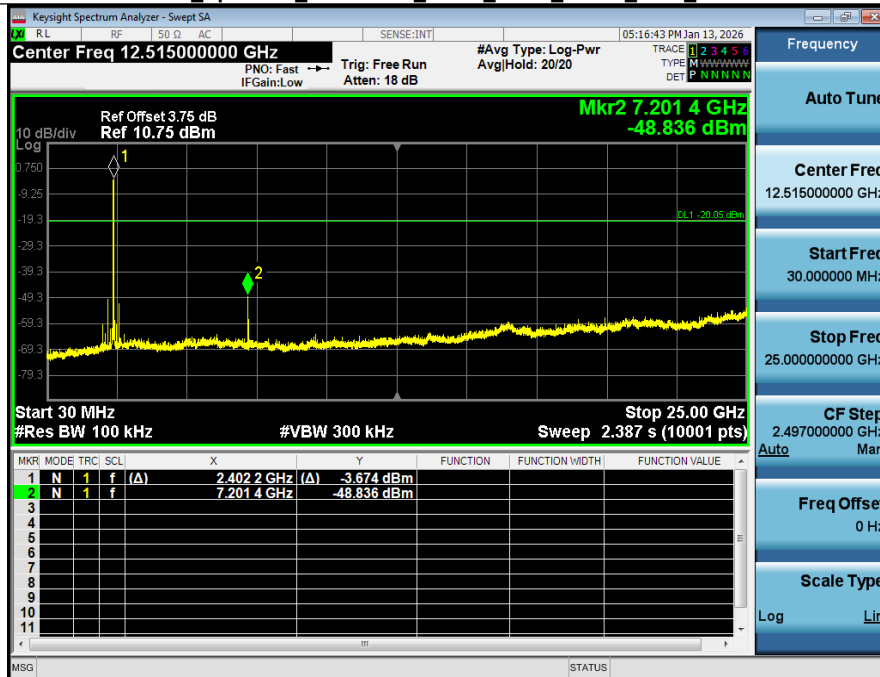
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



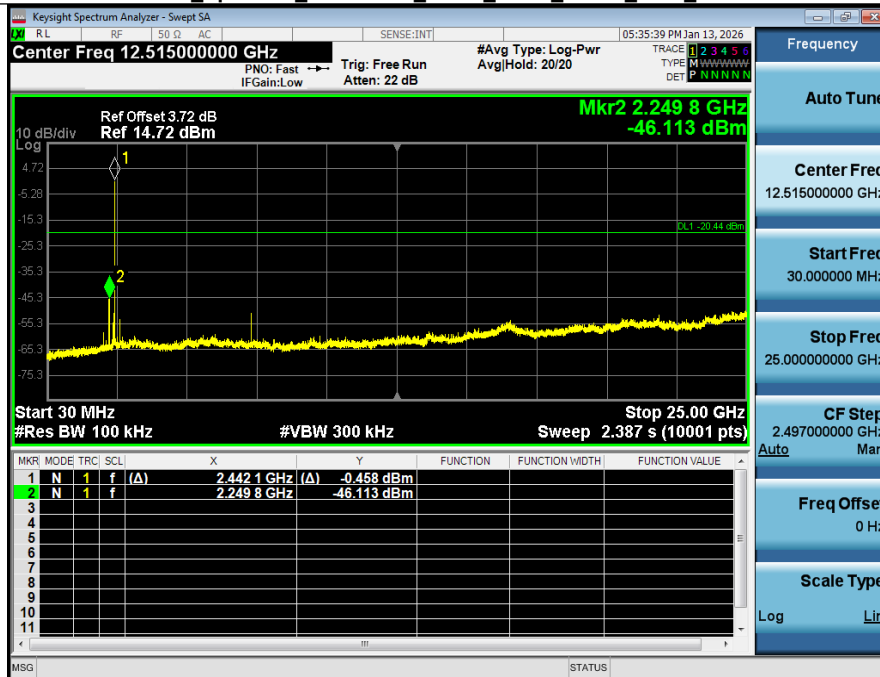
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



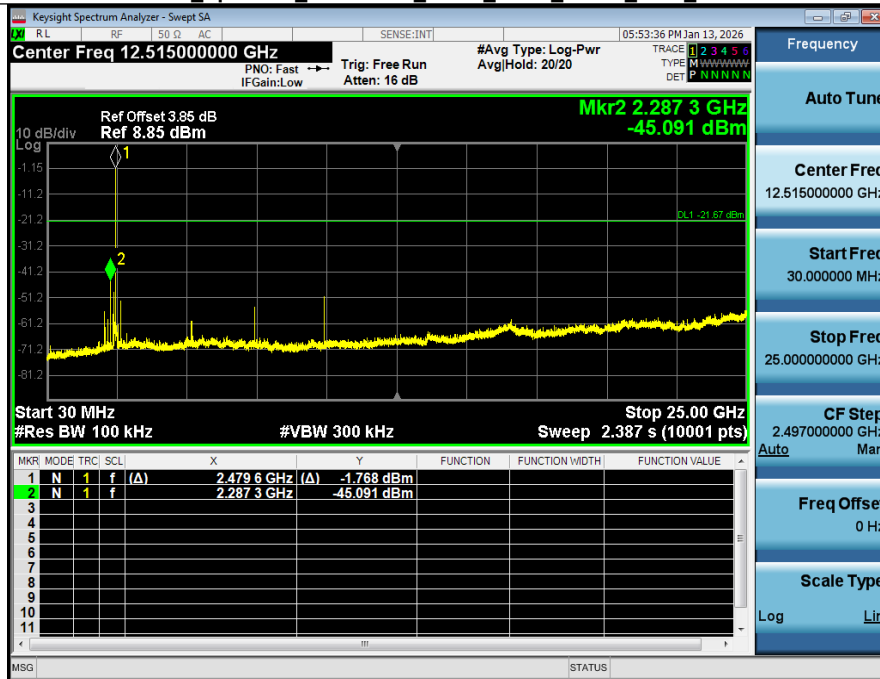
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



1 Reference_Level_NVNT_ANT1_2-DH1_2480_00

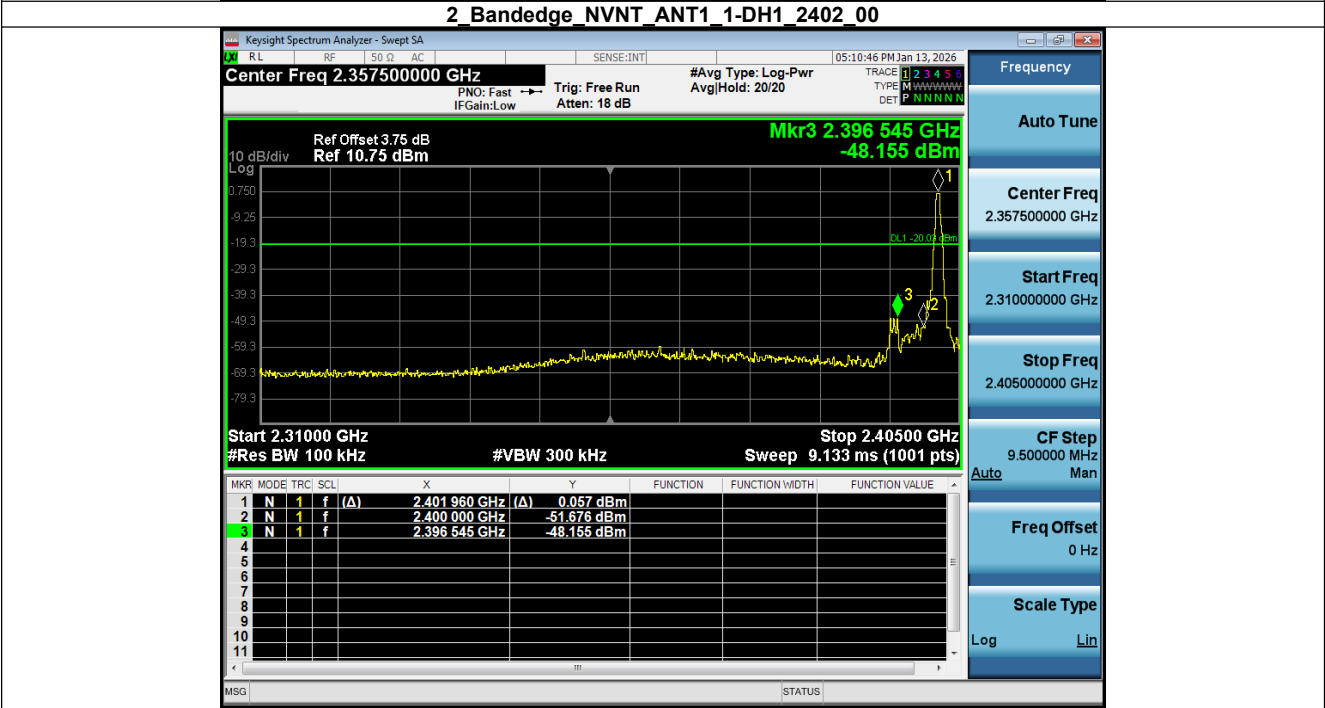


2 Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00

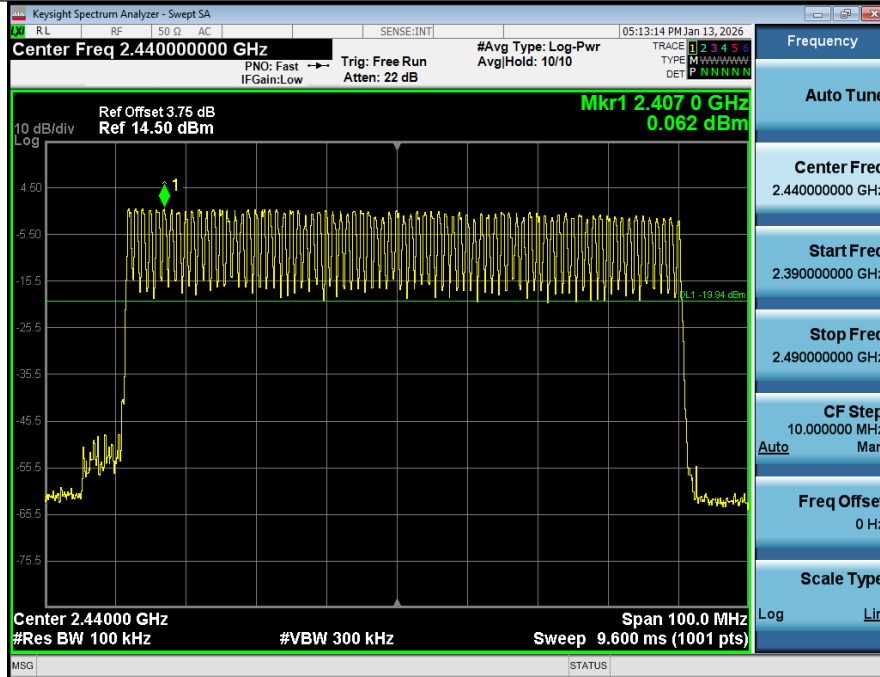


6. Bandedge

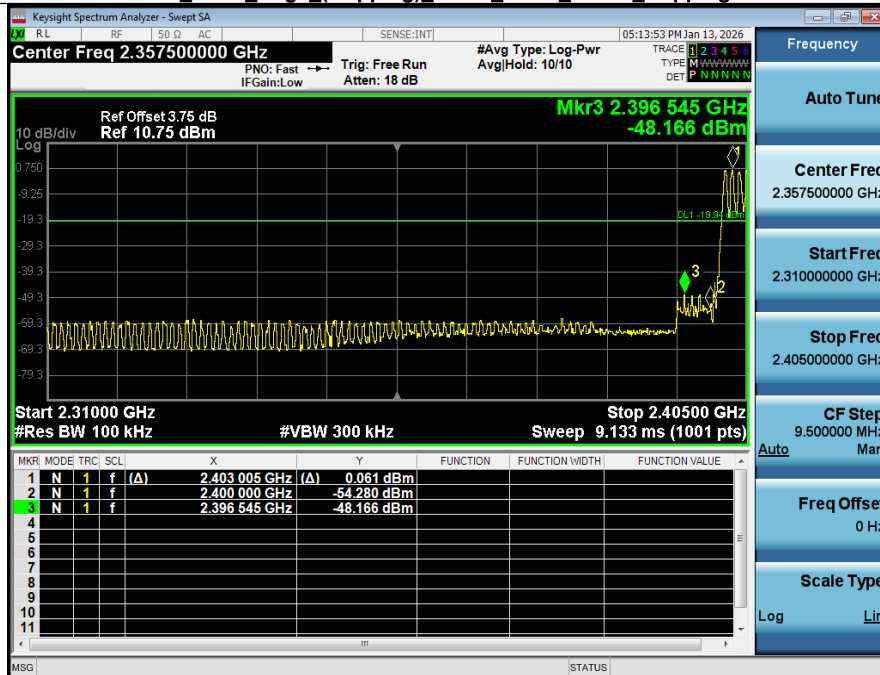
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.031	-48.155	-20.031	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.062	-48.166	-19.938	Pass
NVNT	ANT1	1-DH1	2480.00	-1.673	-59.390	-21.673	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	0.276	-58.327	-19.724	Pass
NVNT	ANT1	2-DH1	2402.00	-0.045	-47.405	-20.045	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	0.075	-48.188	-19.925	Pass
NVNT	ANT1	2-DH1	2480.00	-1.674	-60.949	-21.674	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	0.208	-59.386	-19.792	Pass



1_Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



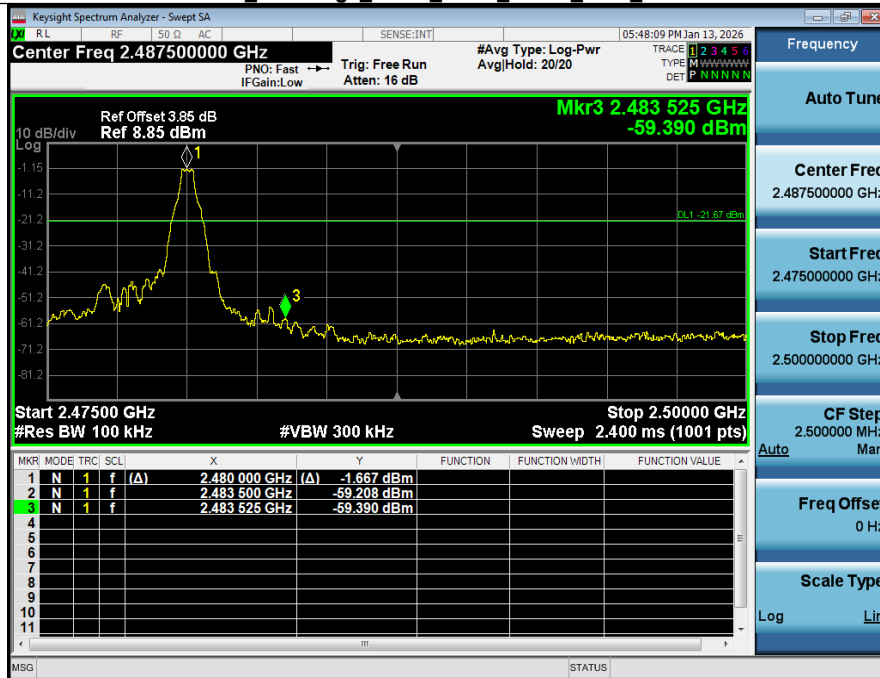
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



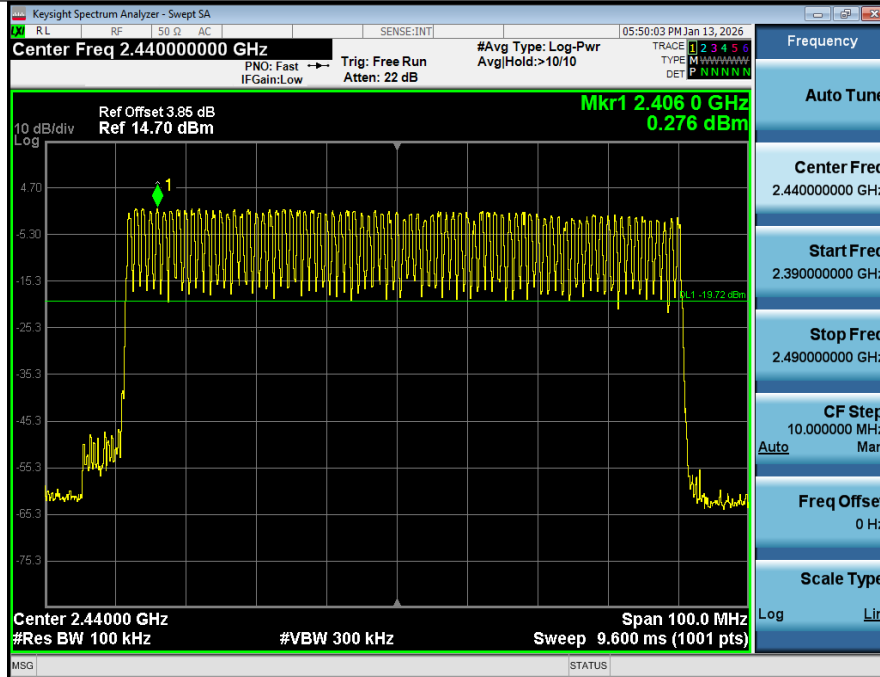
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



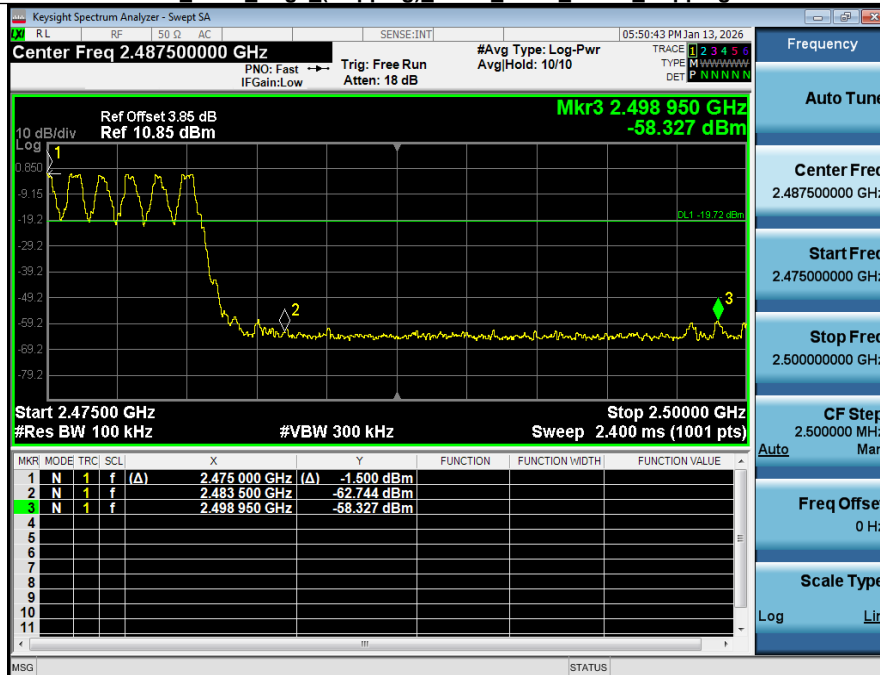
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



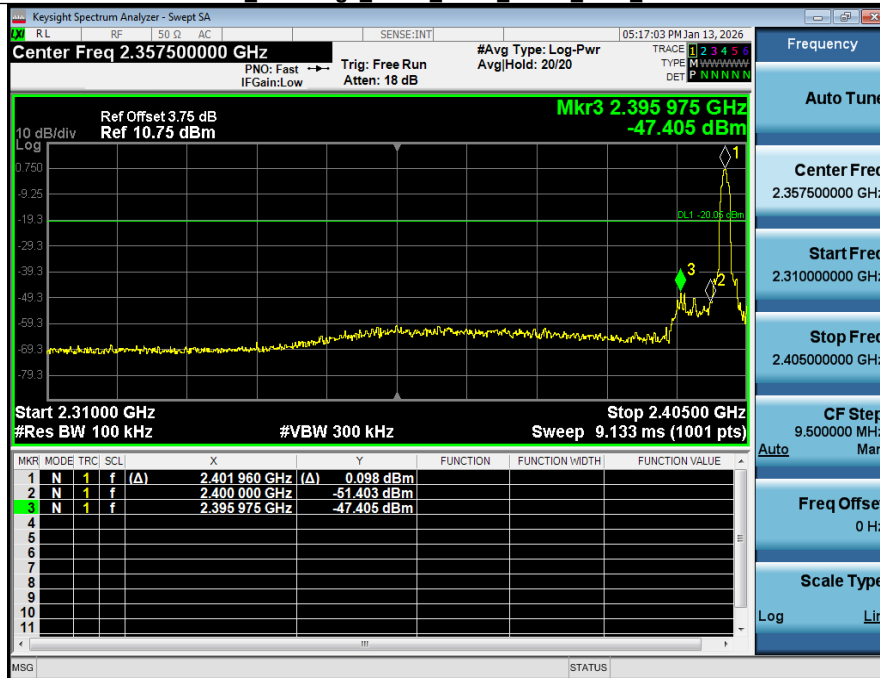
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



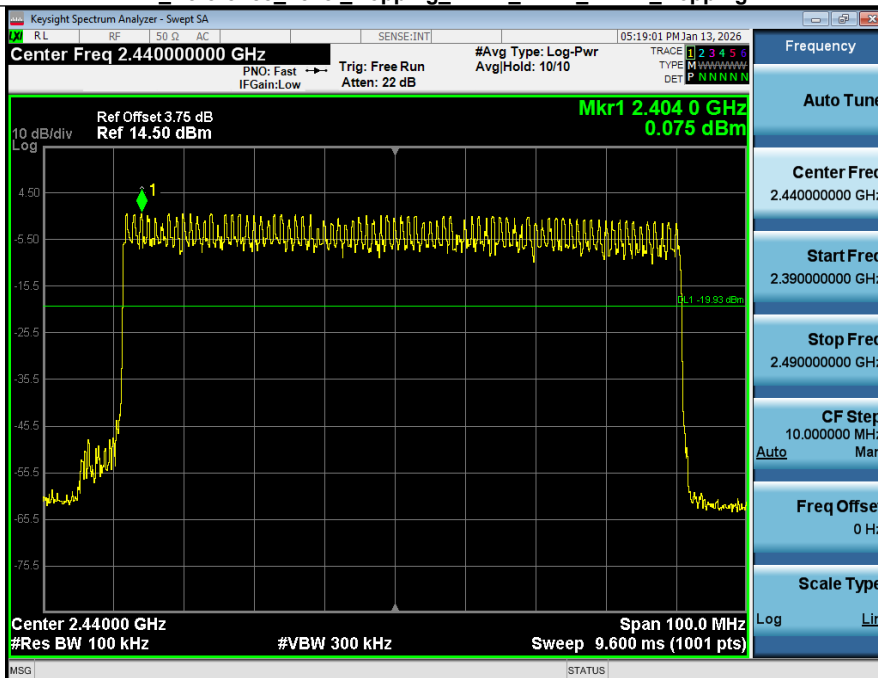
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



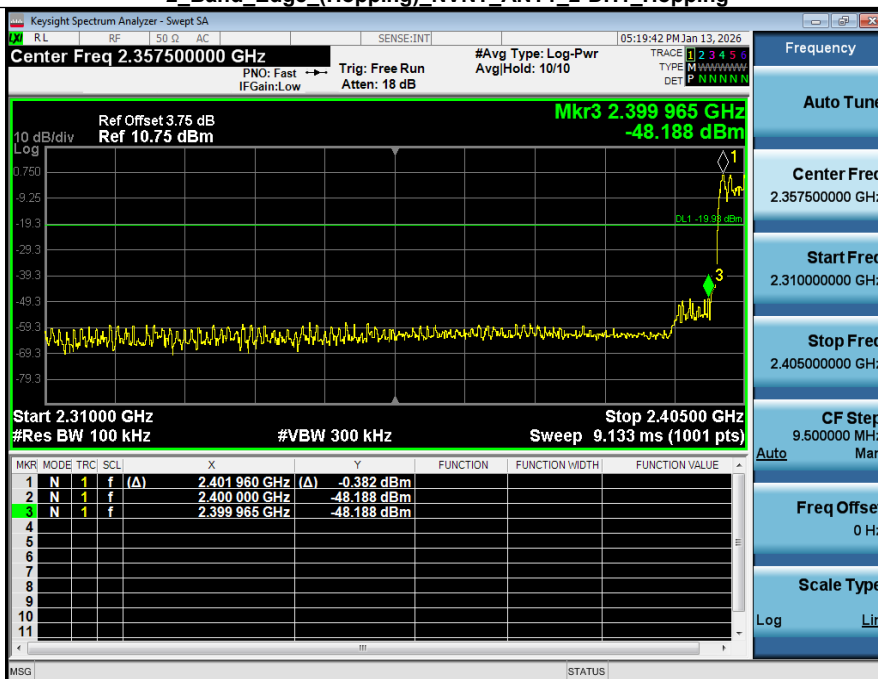
2_Bandedge_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



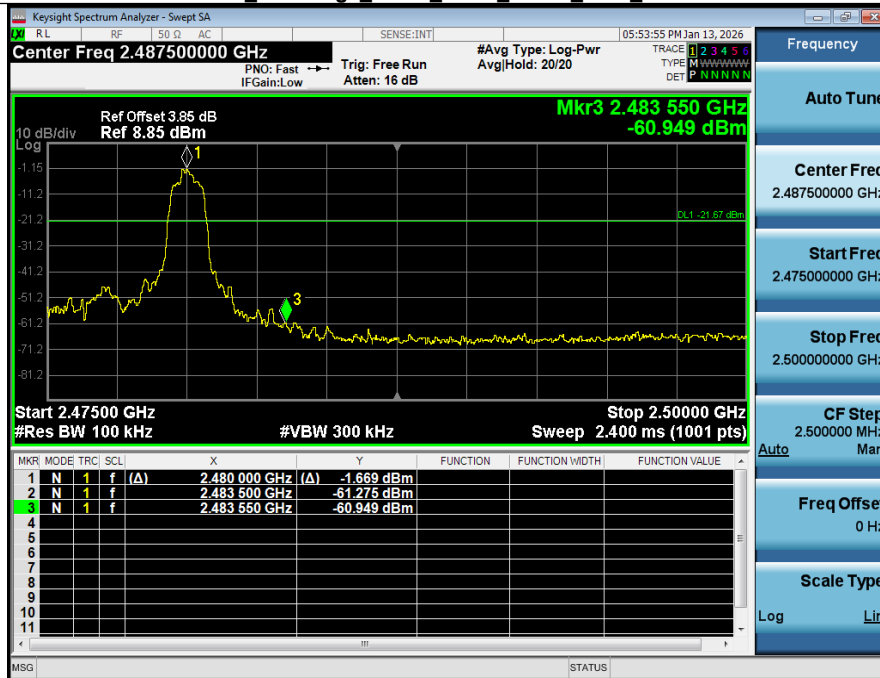
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



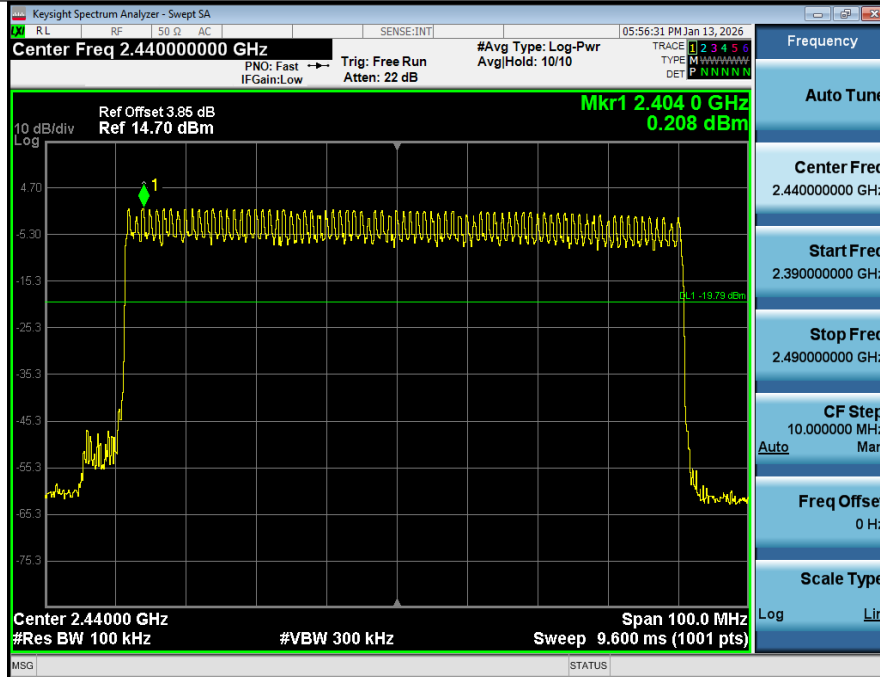
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



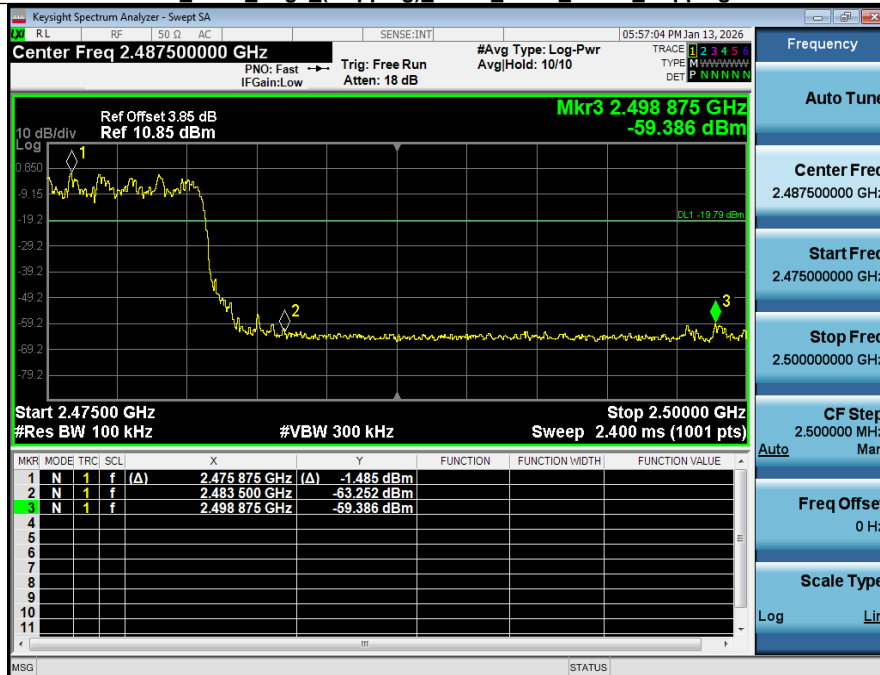
2_Bandedge_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

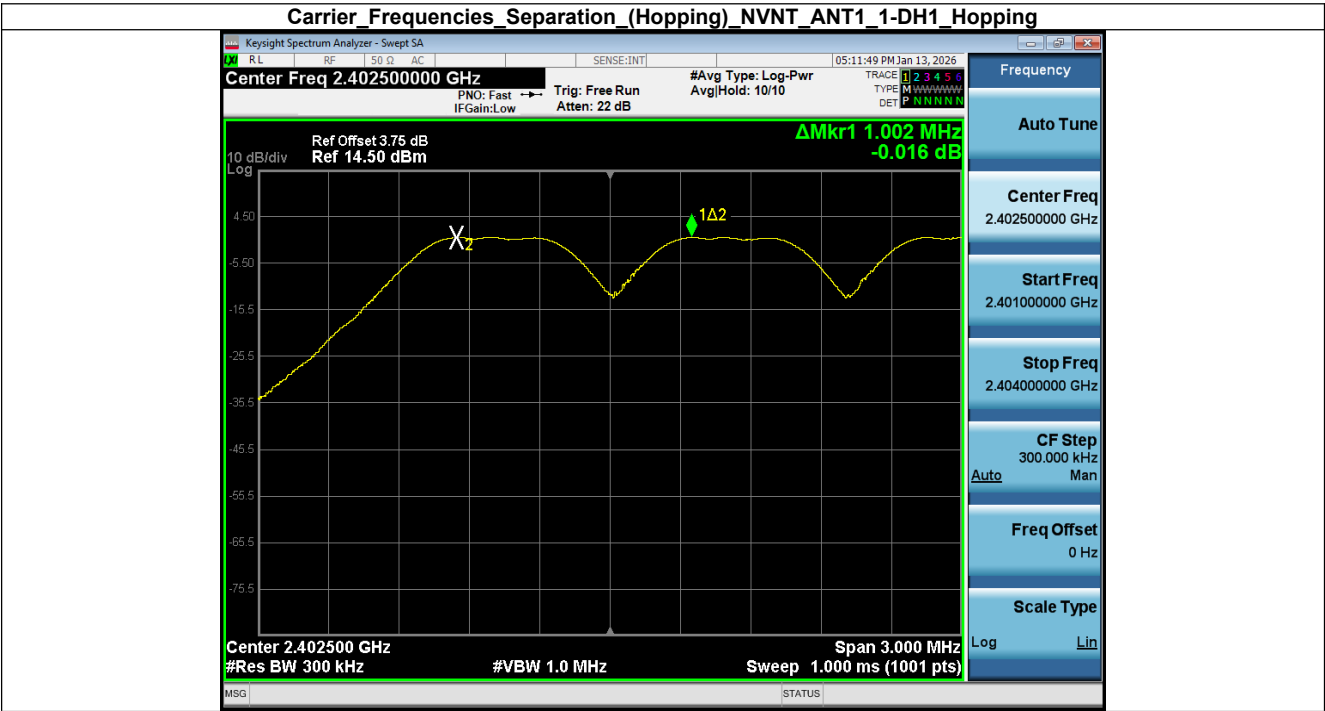


2 Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping

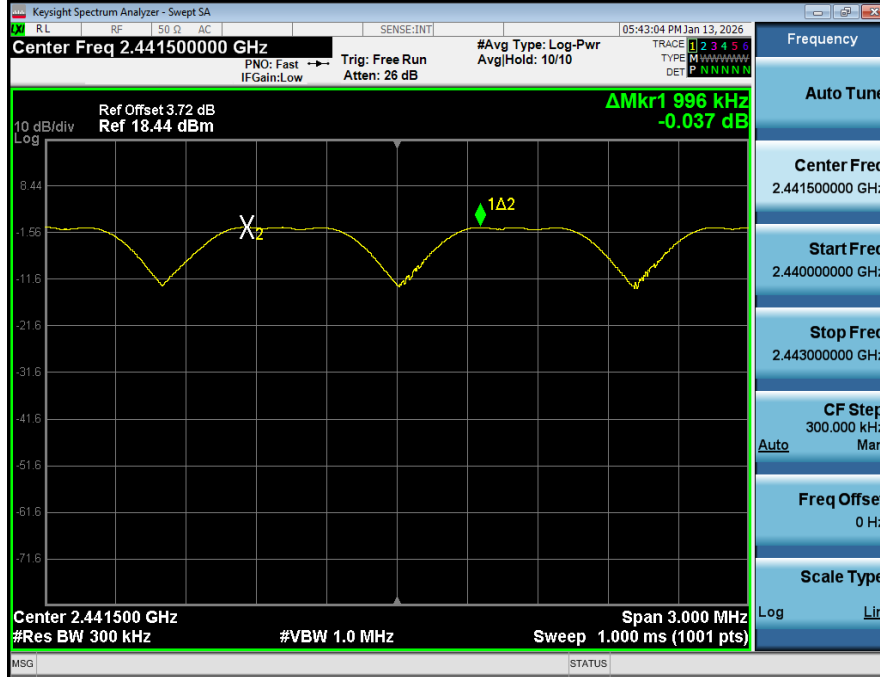


7. Carrier Frequencies Separation (Hopping)

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	2401.846	2402.848	1.00	0.879	Pass
NVNT	ANT1	1-DH1	2441.00	2440.858	2441.854	1.00	0.875	Pass
NVNT	ANT1	1-DH1	2480.00	2478.855	2479.845	0.99	0.877	Pass
NVNT	ANT1	2-DH1	2402.00	2401.846	2402.845	1.00	0.837	Pass
NVNT	ANT1	2-DH1	2441.00	2440.852	2441.851	1.00	0.837	Pass
NVNT	ANT1	2-DH1	2480.00	2478.852	2479.851	1.00	0.837	Pass



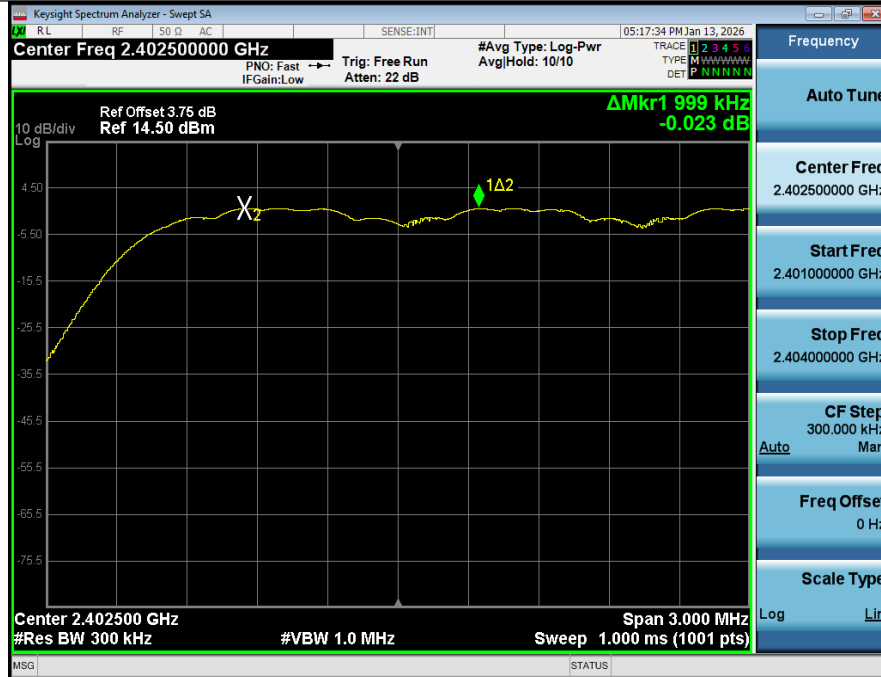
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



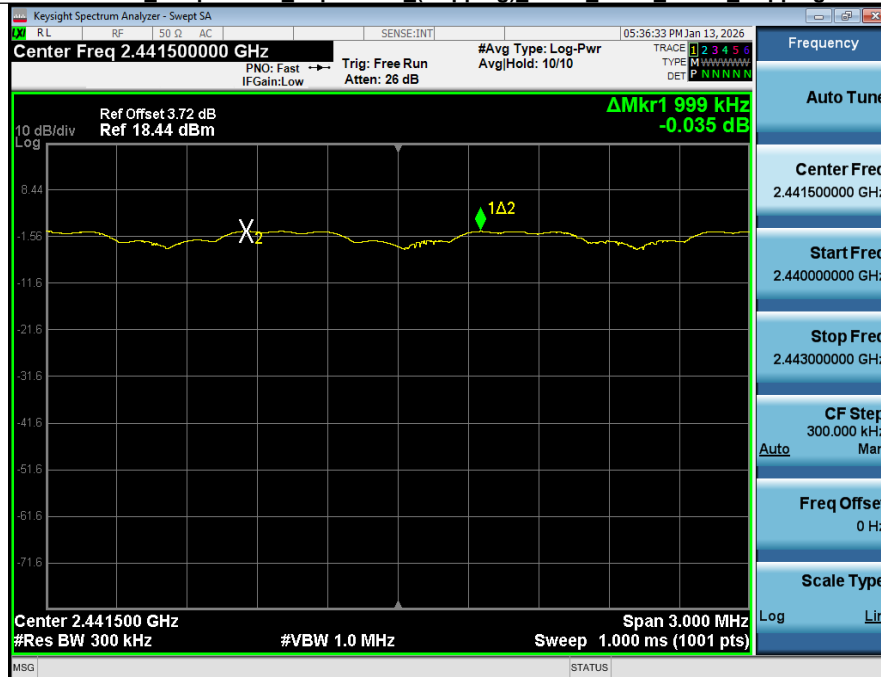
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



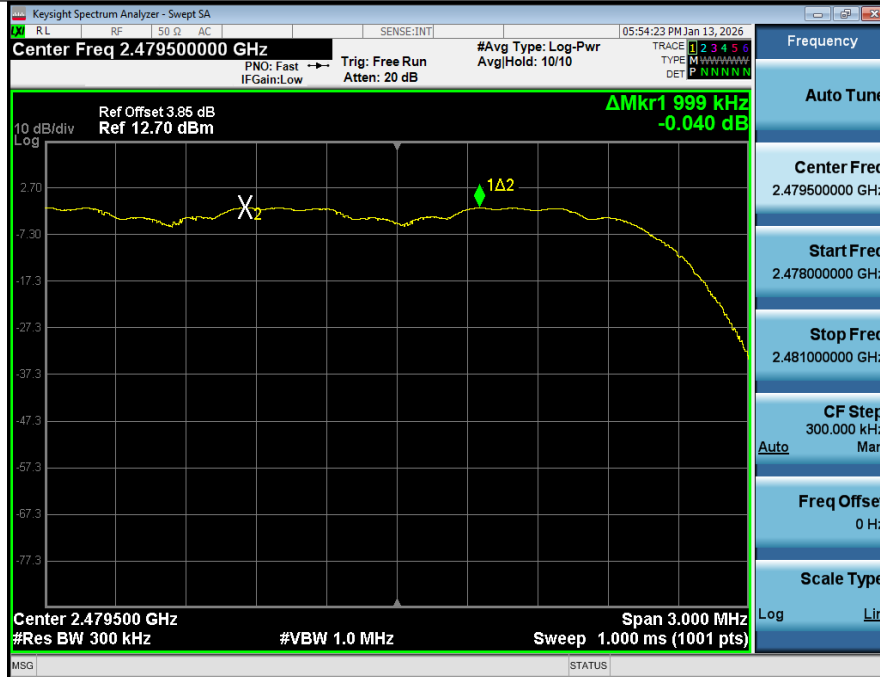
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping

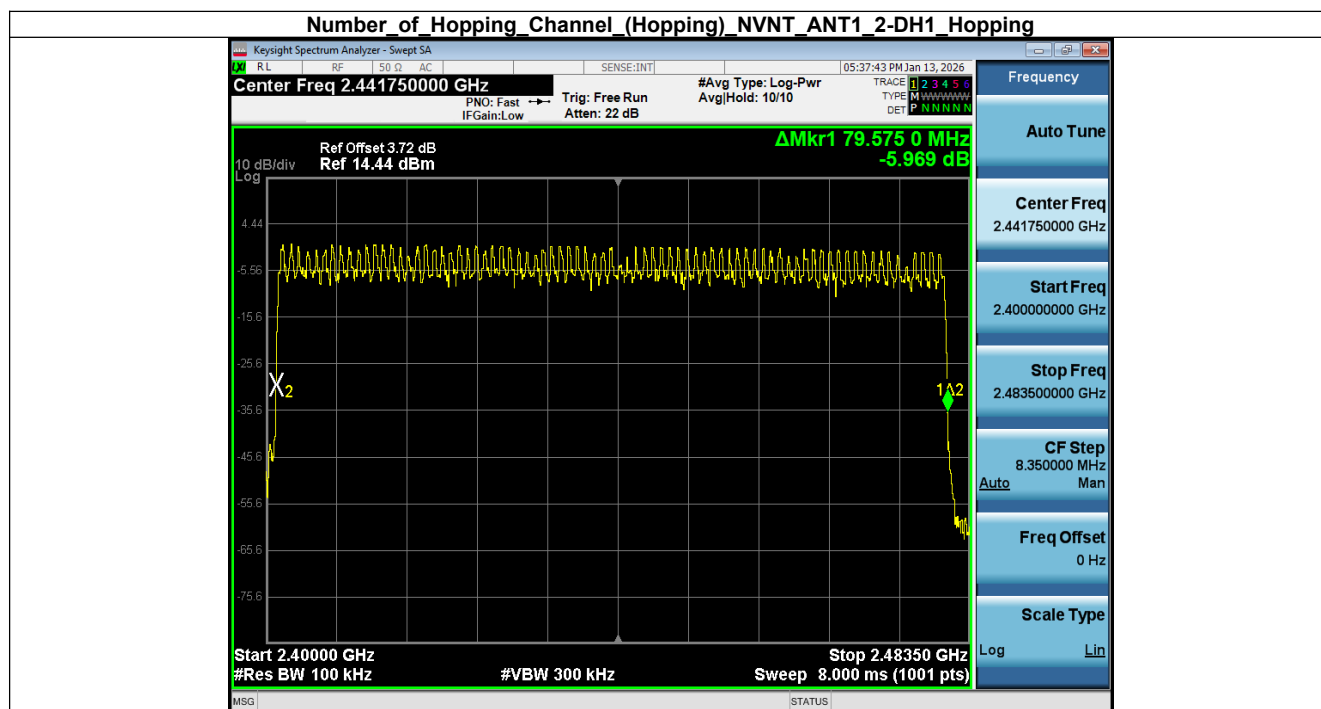
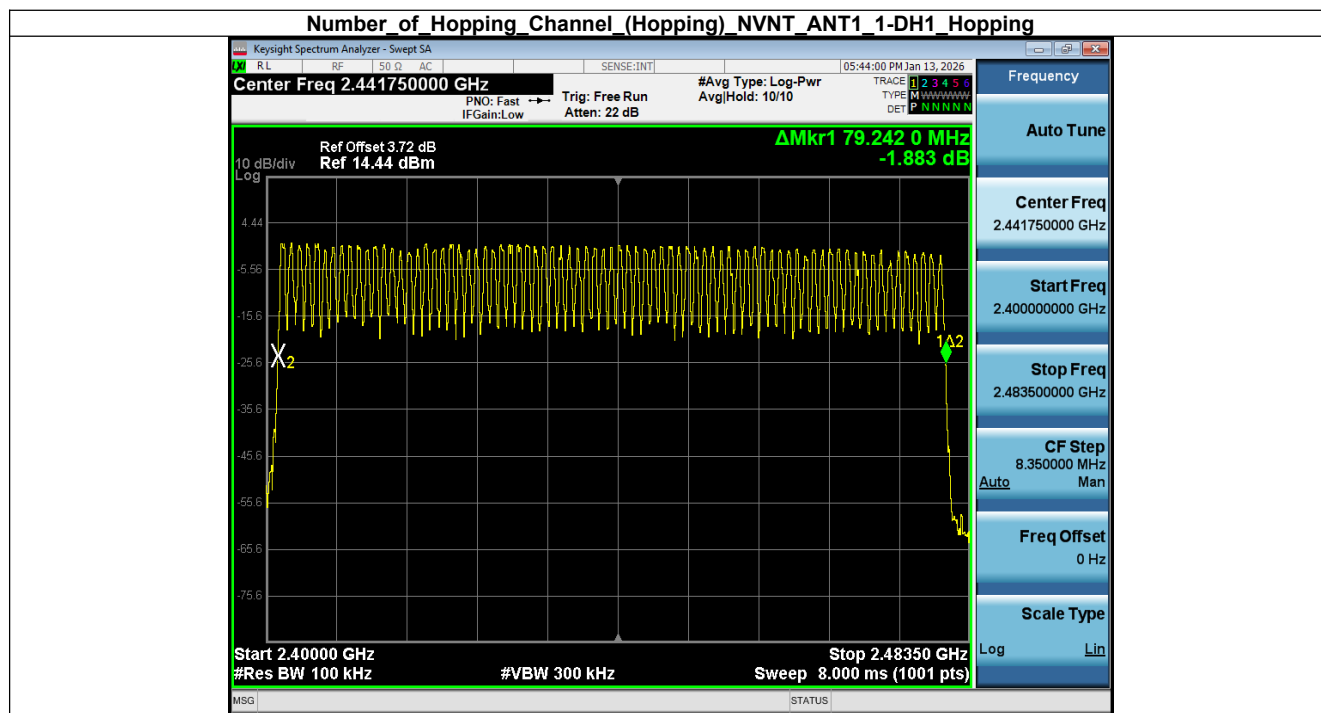


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



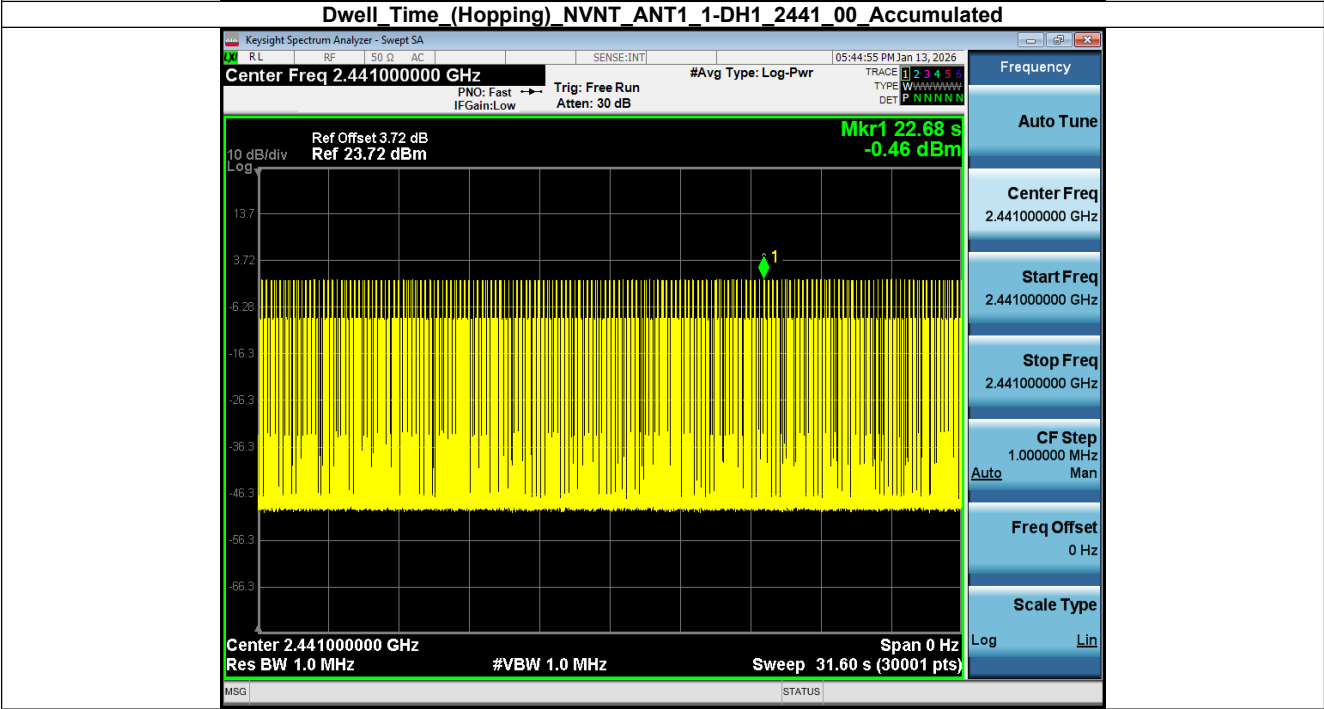
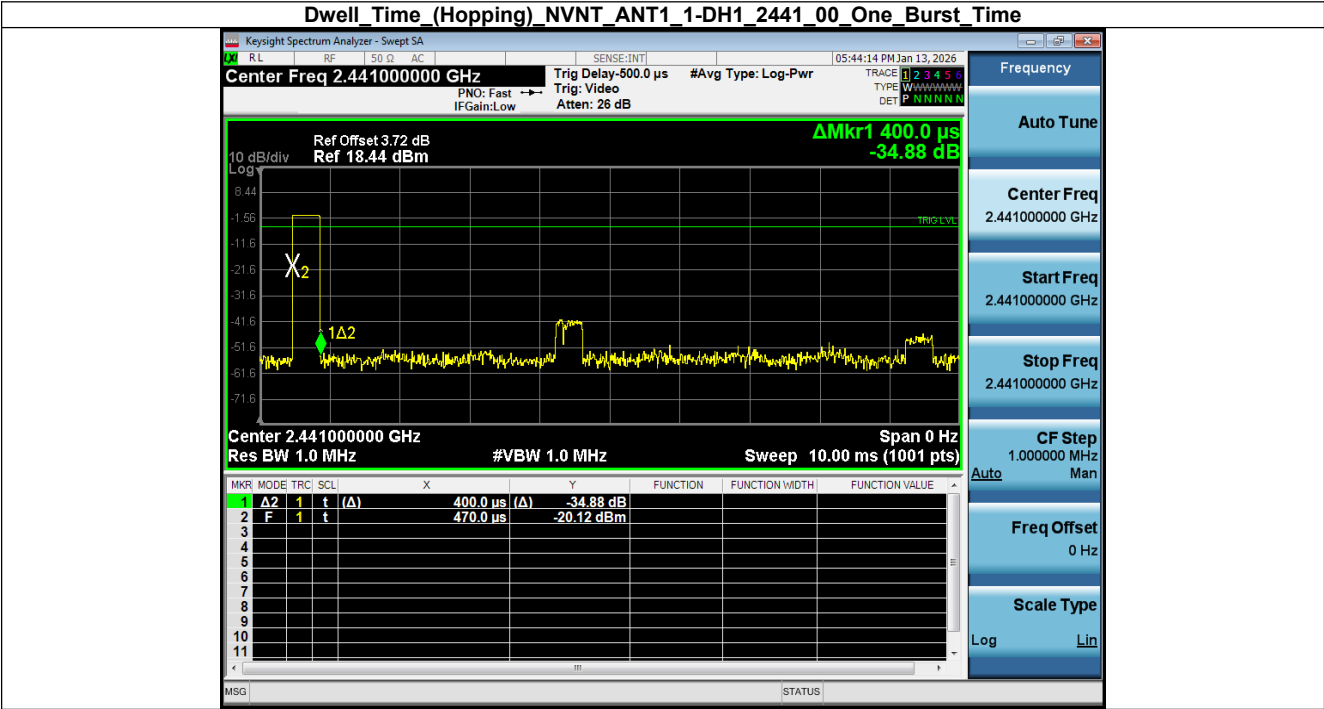
8. Number of Hopping Channel (Hopping)

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

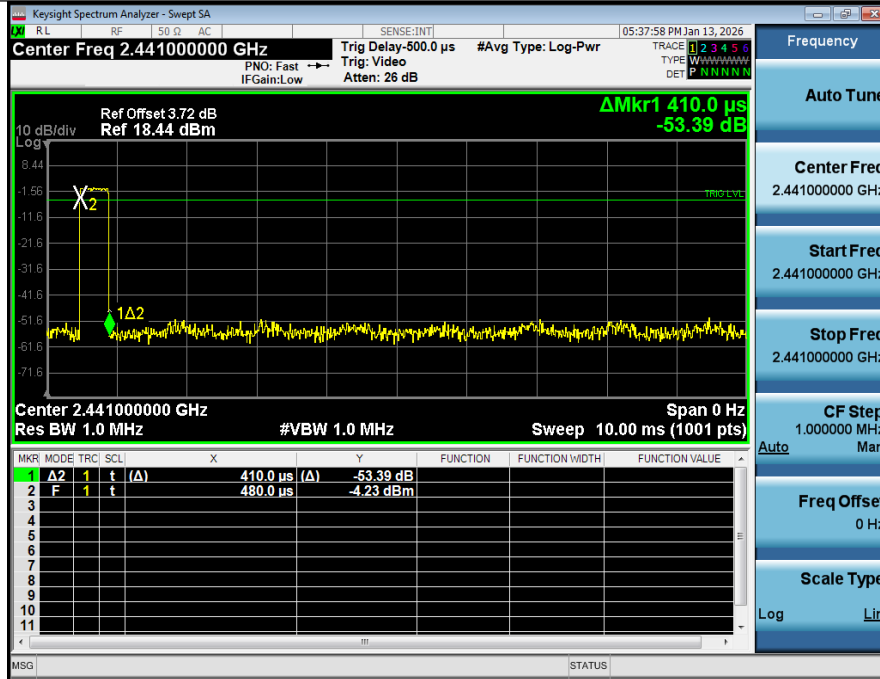


9. Dwell Time (Hopping)

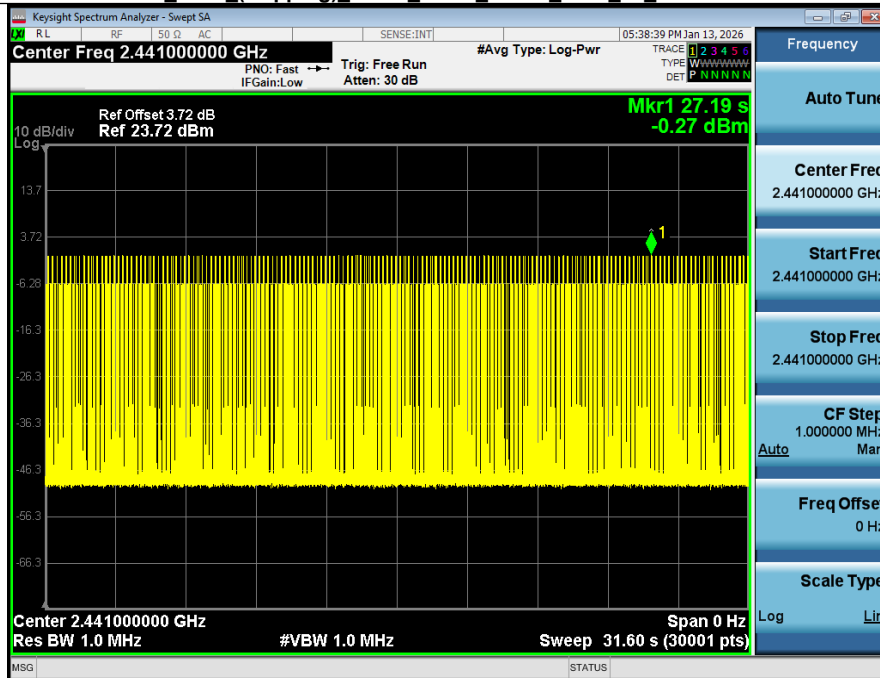
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	2-DH1	0.410	319.00	130.790	0.40	Pass
NVNT	ANT1	1-DH3	1.650	164.00	270.600	0.40	Pass
NVNT	ANT1	1-DH5	2.900	103.00	298.700	0.40	Pass
NVNT	ANT1	2-DH3	1.650	162.00	267.300	0.40	Pass
NVNT	ANT1	2-DH5	2.910	118.00	343.380	0.40	Pass



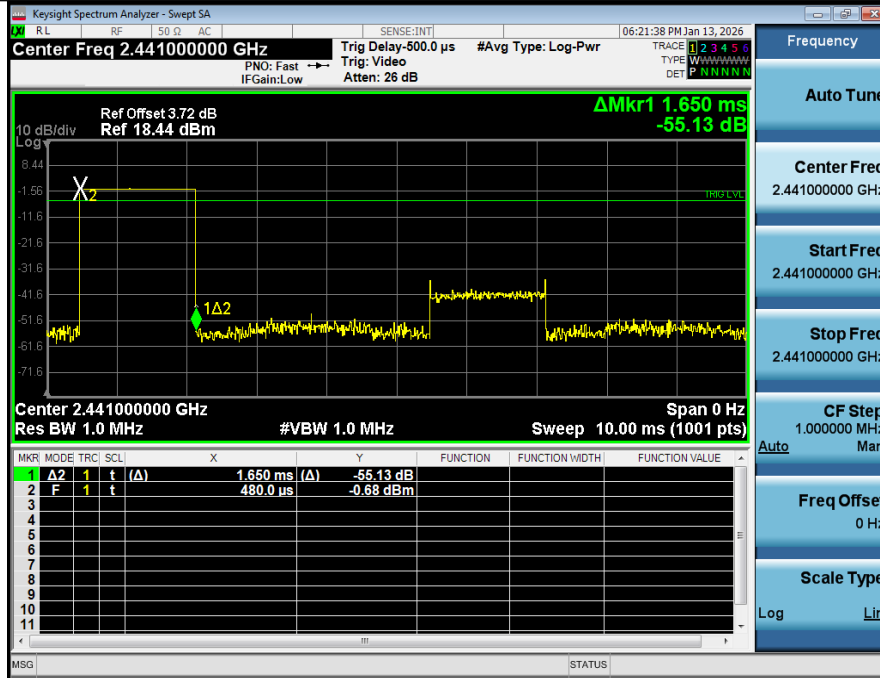
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



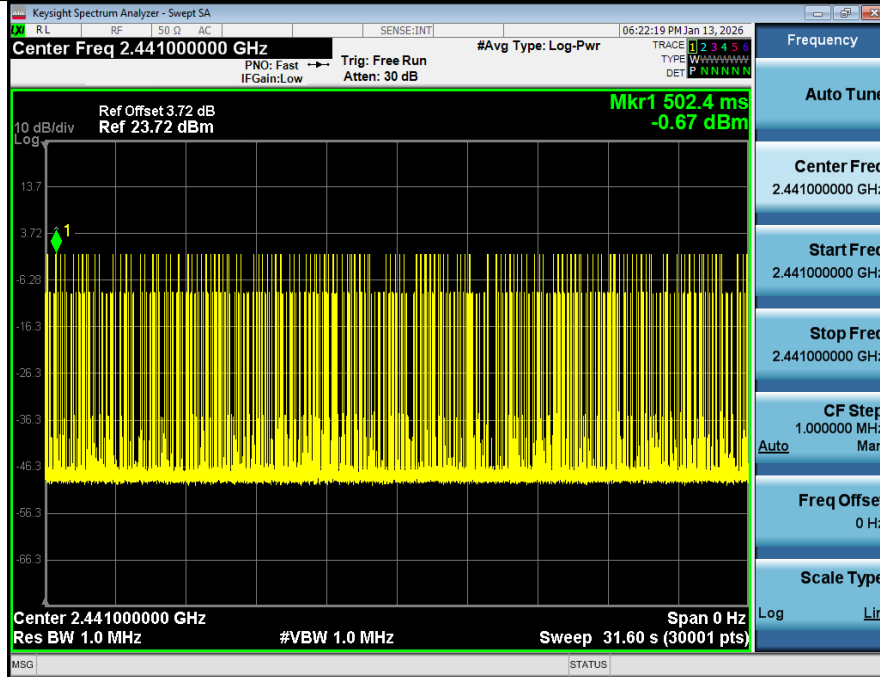
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



The screenshot displays a Keysight Spectrum Analyzer interface. The main plot shows a signal at a center frequency of 2.441000000 GHz. The signal level is measured at -55.82 dBm, with a reference level of 18.44 dBm. The bandwidth is set to 1.0 MHz, and the sweep time is 10.0 ms. The plot includes a yellow trace labeled 'X2' and a green trace labeled '1Δ2'. The right side of the screen shows various settings like 'Trig Delay-500.0 μs', '#Avg Type: Log-Pwr', and 'SENSE-INT'. The bottom section contains a table with measurement parameters.

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	$\Delta 2$	1	t (Δ)	2.900 ms	-55.82 dB			
2	F	1	t	480.0 μ s	-0.73 dBm			

Keysight Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT 06:24:03 PM Jan 13, 2026

Center Freq 2.441000000 GHz #Avg Type: Log-Pwr

PNO: Fast Trg: Free Run
IFGain: Low Atten: 30 dB

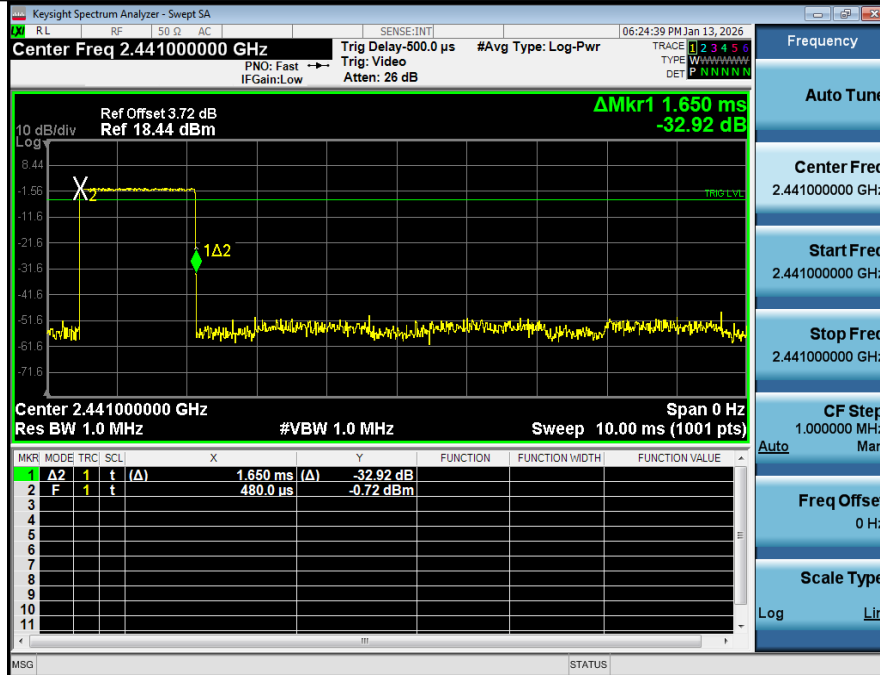
TRACE 1 2 3 4 5 6
TYPE WWWWWWW
DET P NNNNNN

Ref Offset 3.72 dB
Ref 23.72 dBm

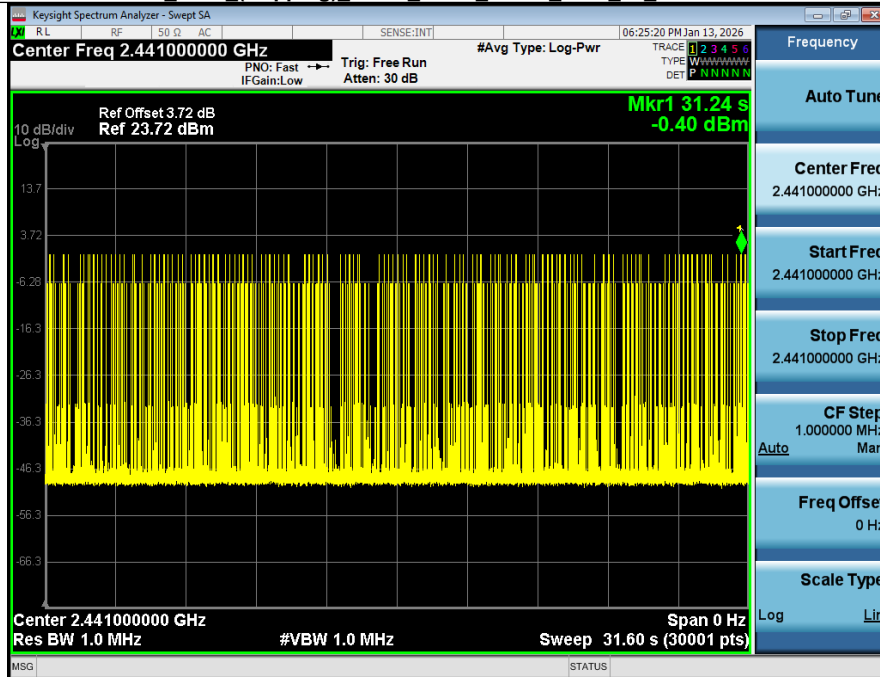
Mkr1 12.21 s
-0.74 dBm

Center 2.441000000 GHz
Res BW 1.0 MHz #VBW 1.0 MHz Sweep 31.60 s (30001 pts) Span 0 Hz

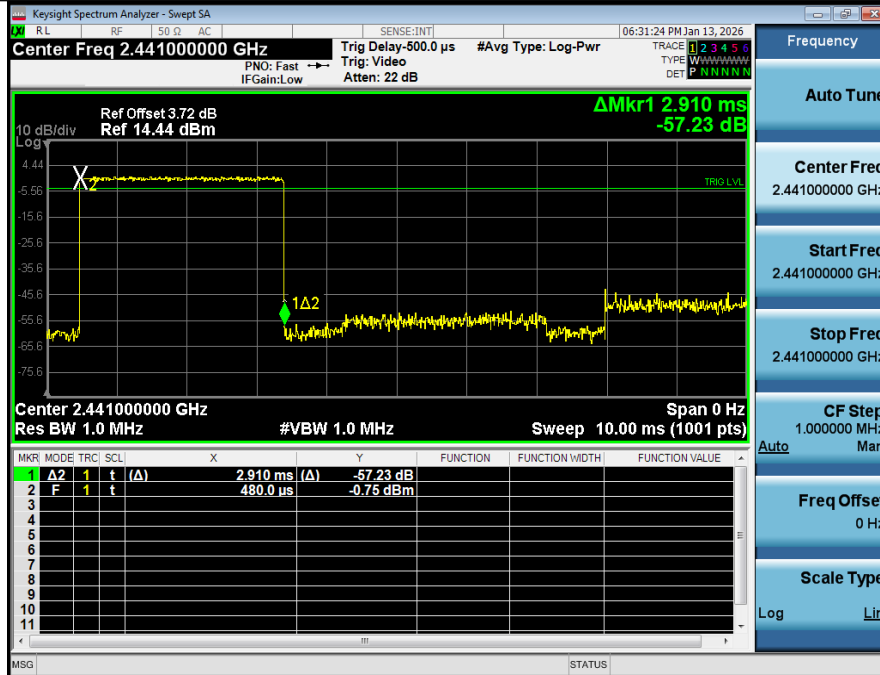
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst Time



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated

