

Appendix Test Data

Report No.:	78340WC30000701	Test Date:	2023.02.13
Test Engineer:	<i>Qing Peng</i>	Auditor:	<i>Andy wang</i>
Temperature:	24.3℃	Relative Humidity:	56.2%
Pressure:	1012 hPa		

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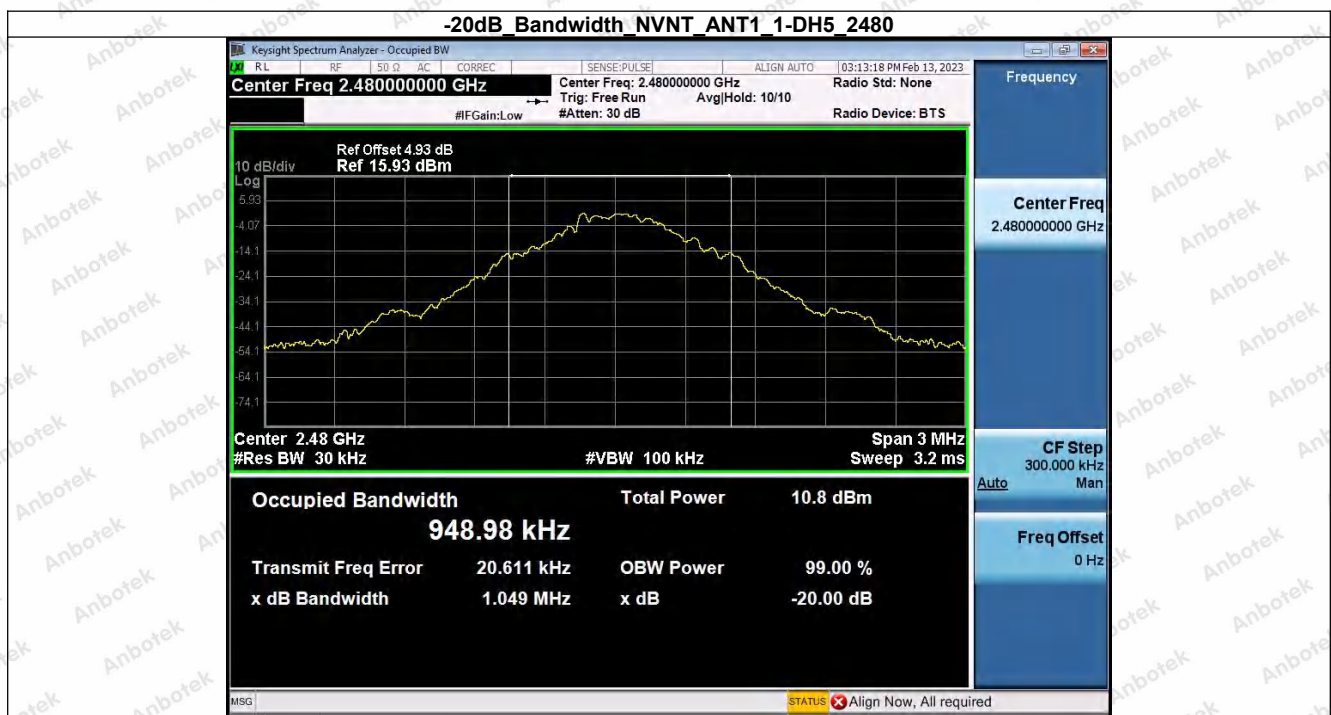
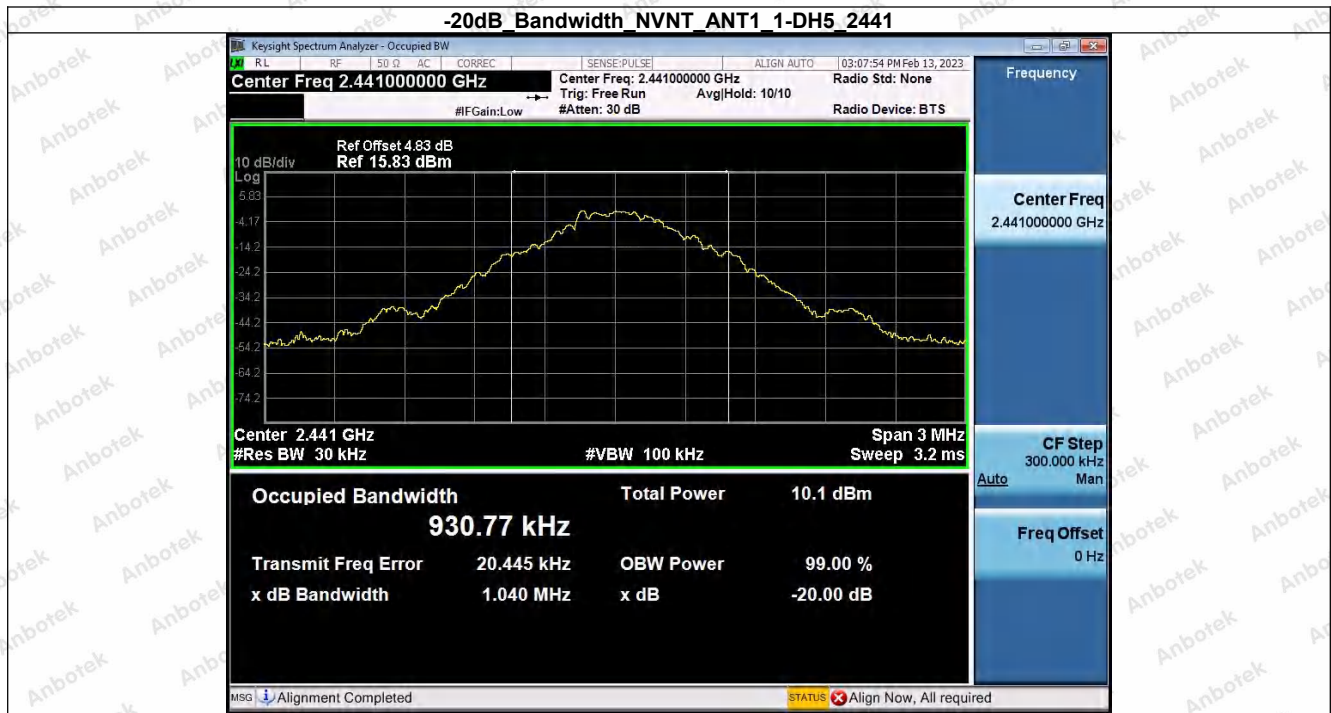
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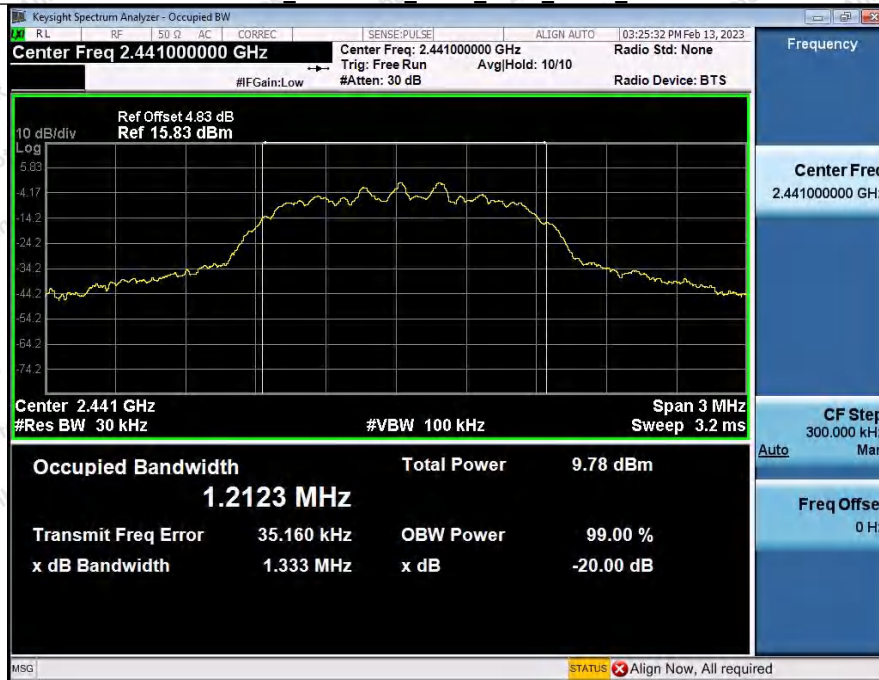


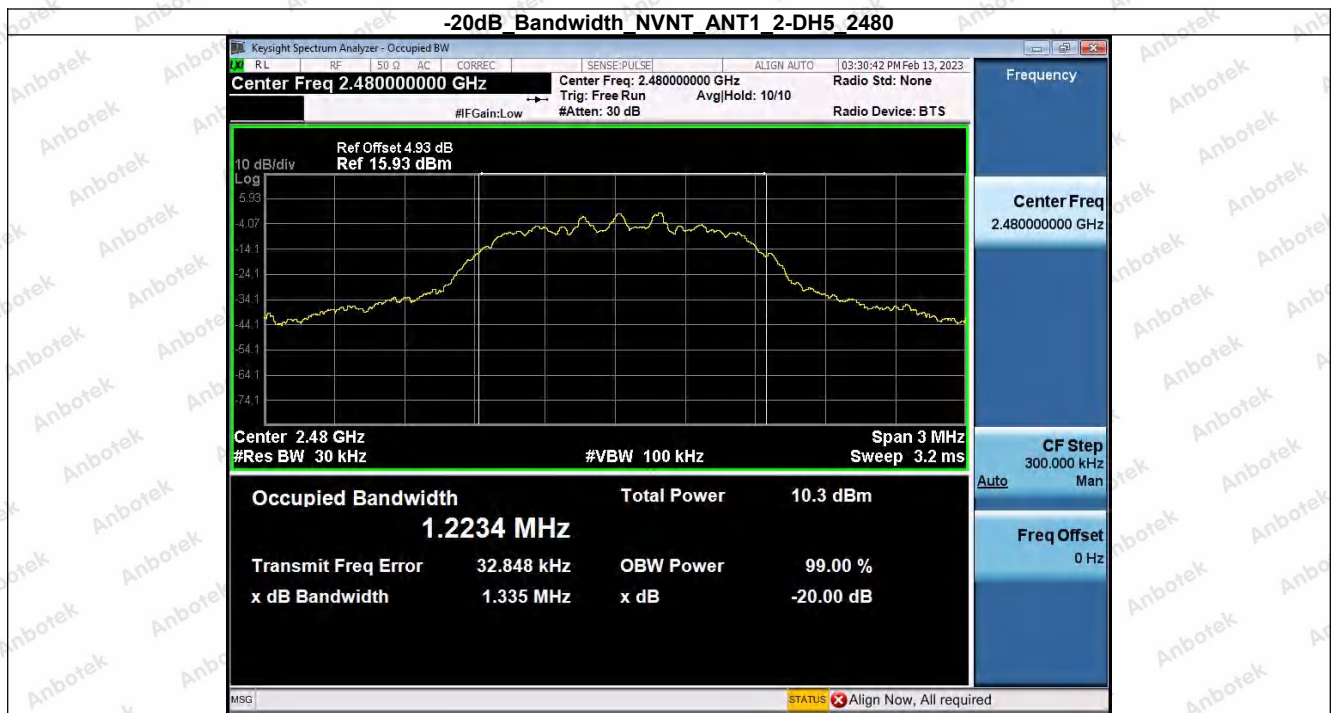
1. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.034	Yes
NVNT	ANT1	1-DH5	2441.00	1.040	Yes
NVNT	ANT1	1-DH5	2480.00	1.049	Yes
NVNT	ANT1	2-DH5	2402.00	1.329	Yes
NVNT	ANT1	2-DH5	2441.00	1.333	Yes
NVNT	ANT1	2-DH5	2480.00	1.335	Yes





-20dB Bandwidth NVNT_ANT1 2-DH5 2402**-20dB Bandwidth NVNT_ANT1 2-DH5 2441**

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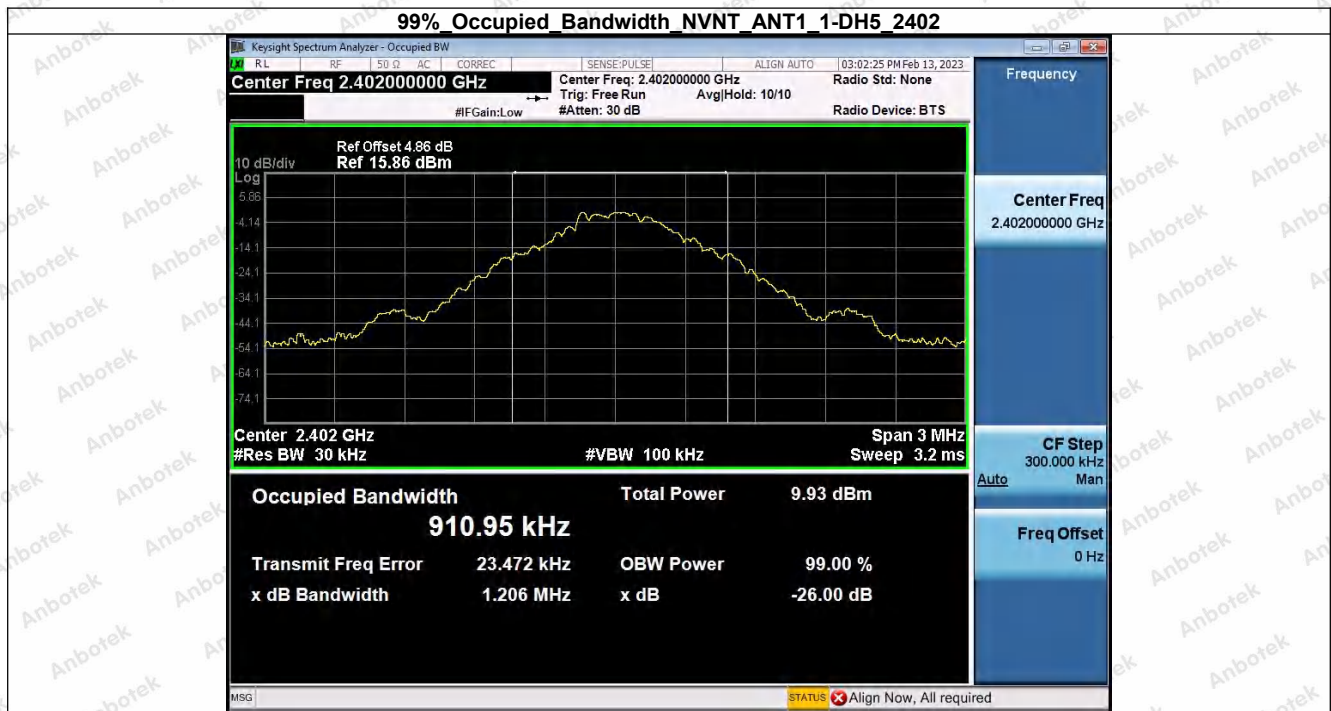


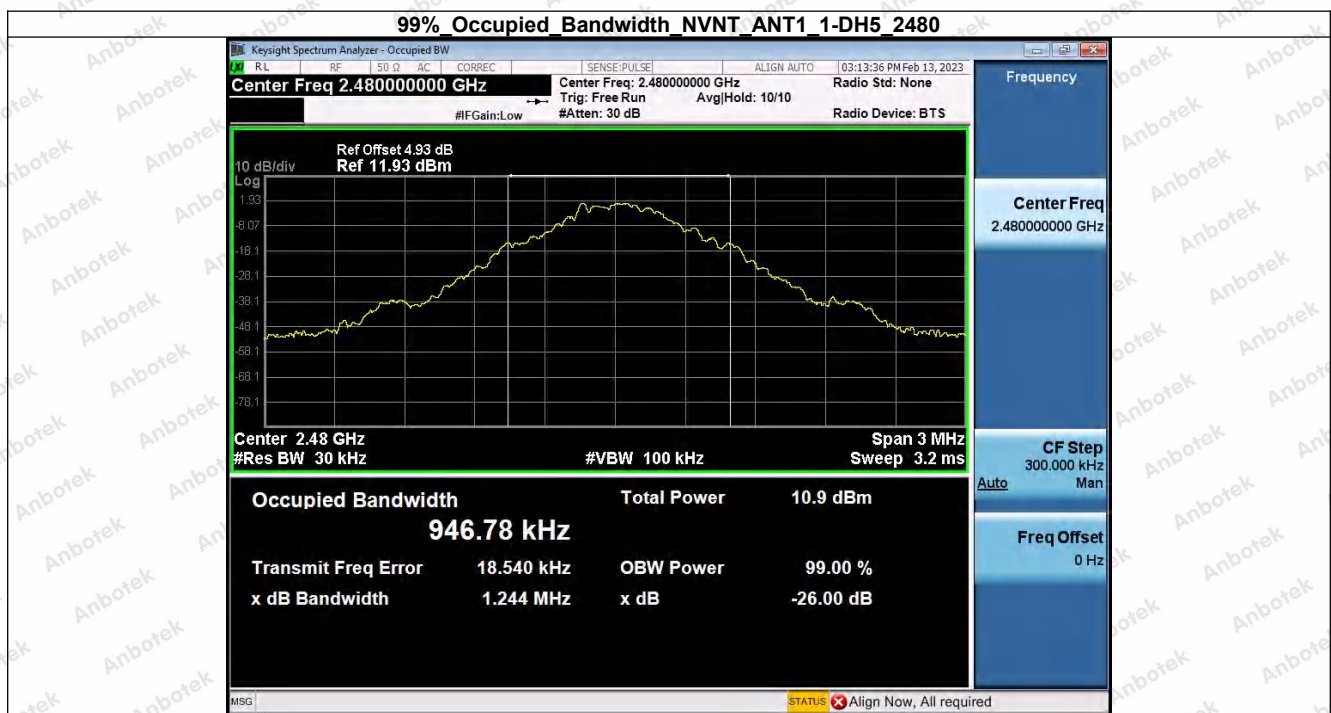
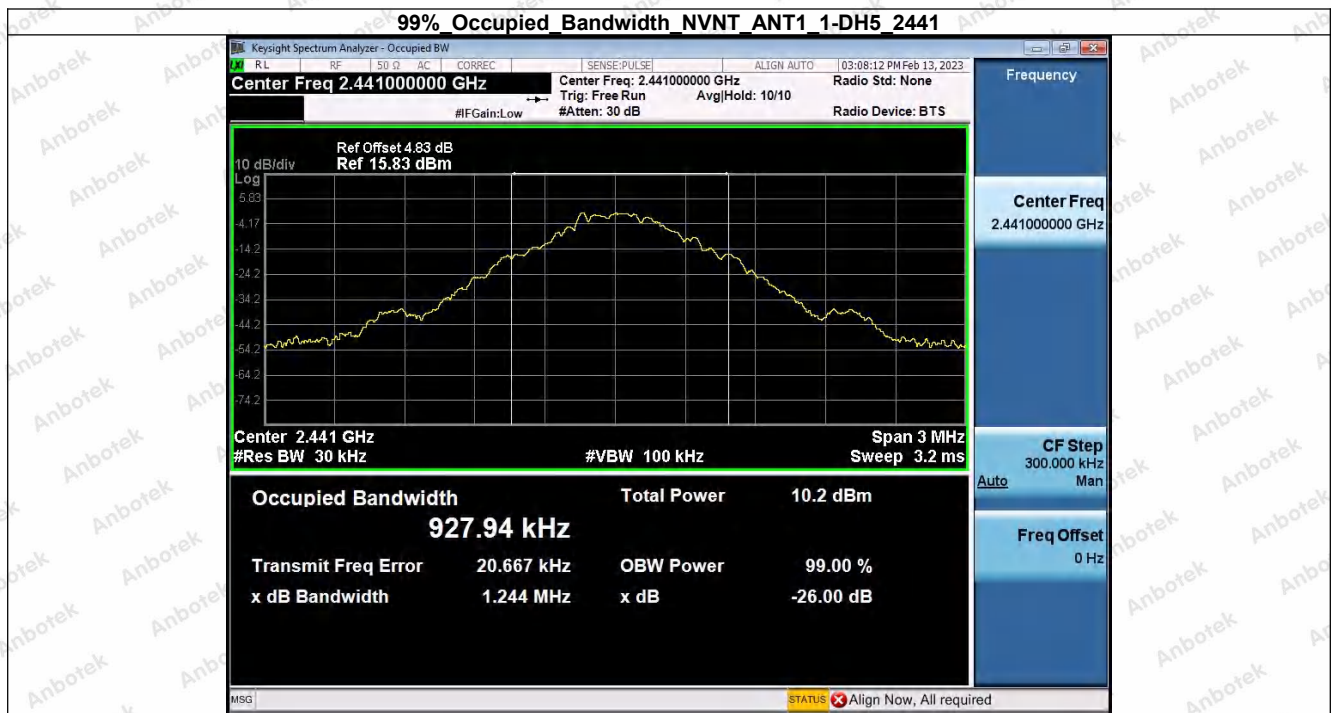
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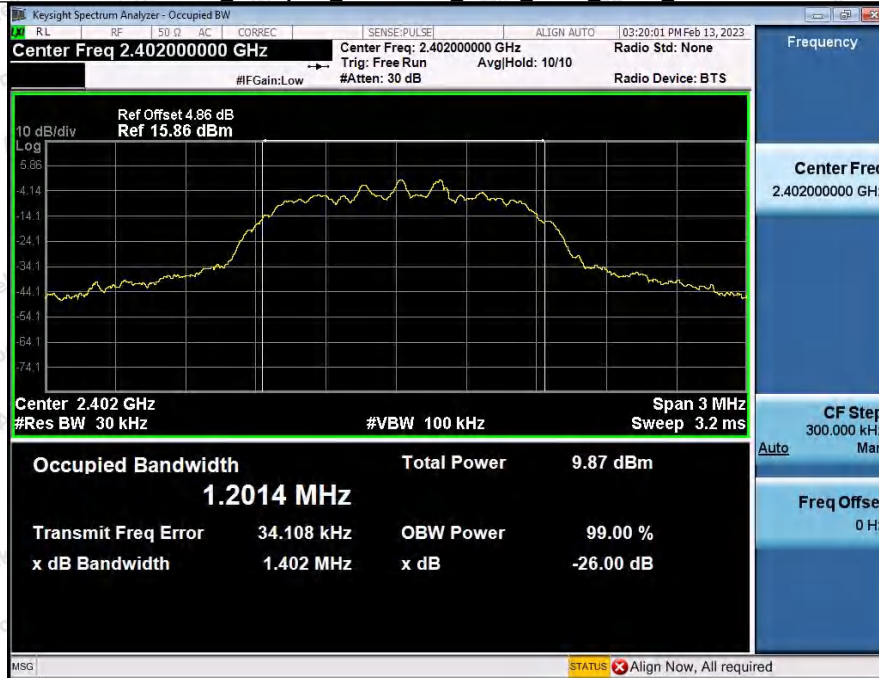
2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.911
NVNT	ANT1	1-DH5	2441.00	0.928
NVNT	ANT1	1-DH5	2480.00	0.947
NVNT	ANT1	2-DH5	2402.00	1.201
NVNT	ANT1	2-DH5	2441.00	1.210
NVNT	ANT1	2-DH5	2480.00	1.225

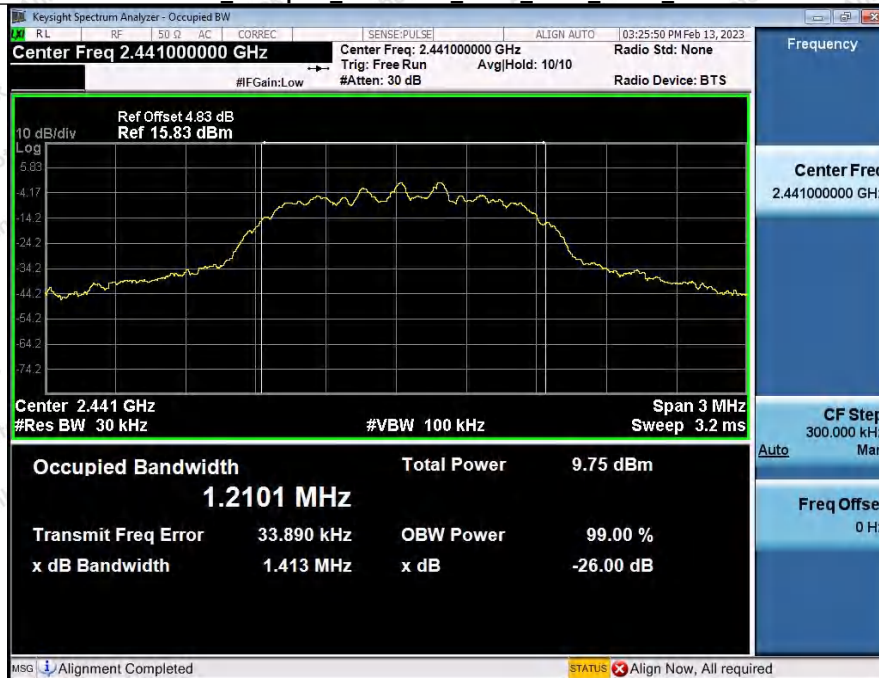


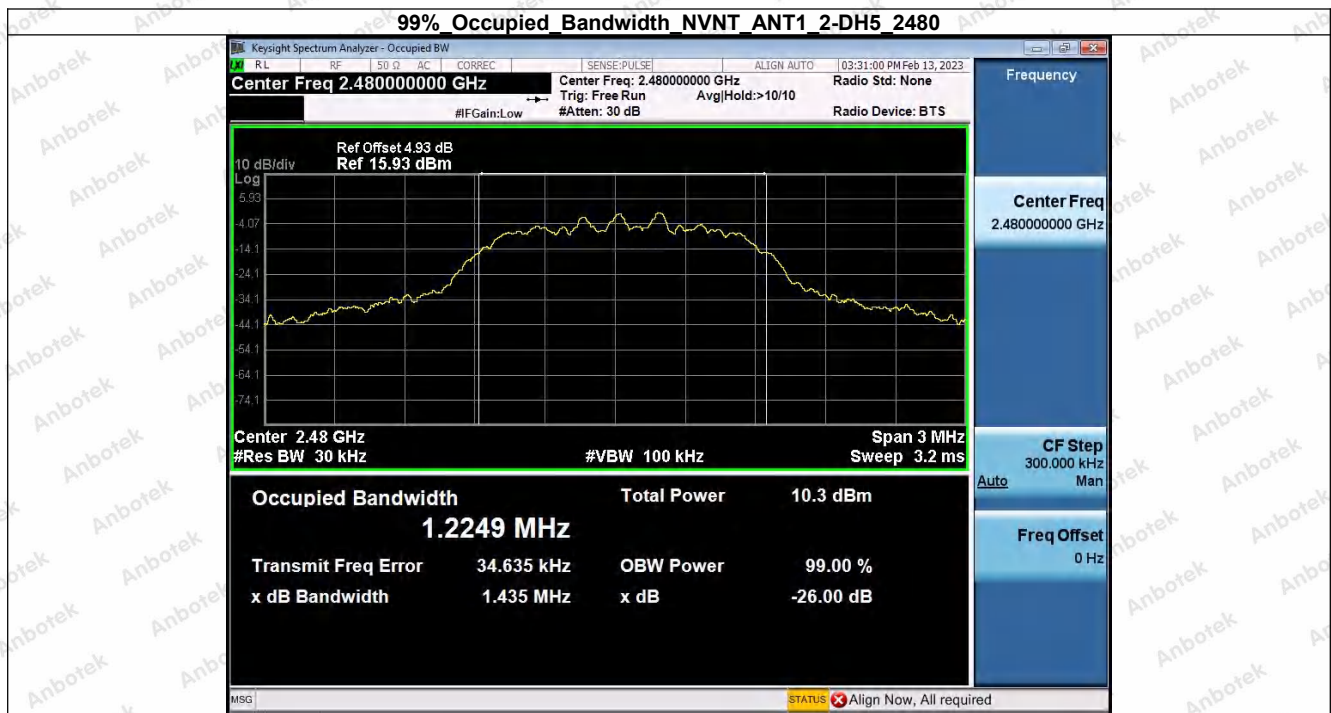


99% Occupied Bandwidth NVNT ANT1 2-DH5 2402



99% Occupied Bandwidth NVNT ANT1 2-DH5 2441



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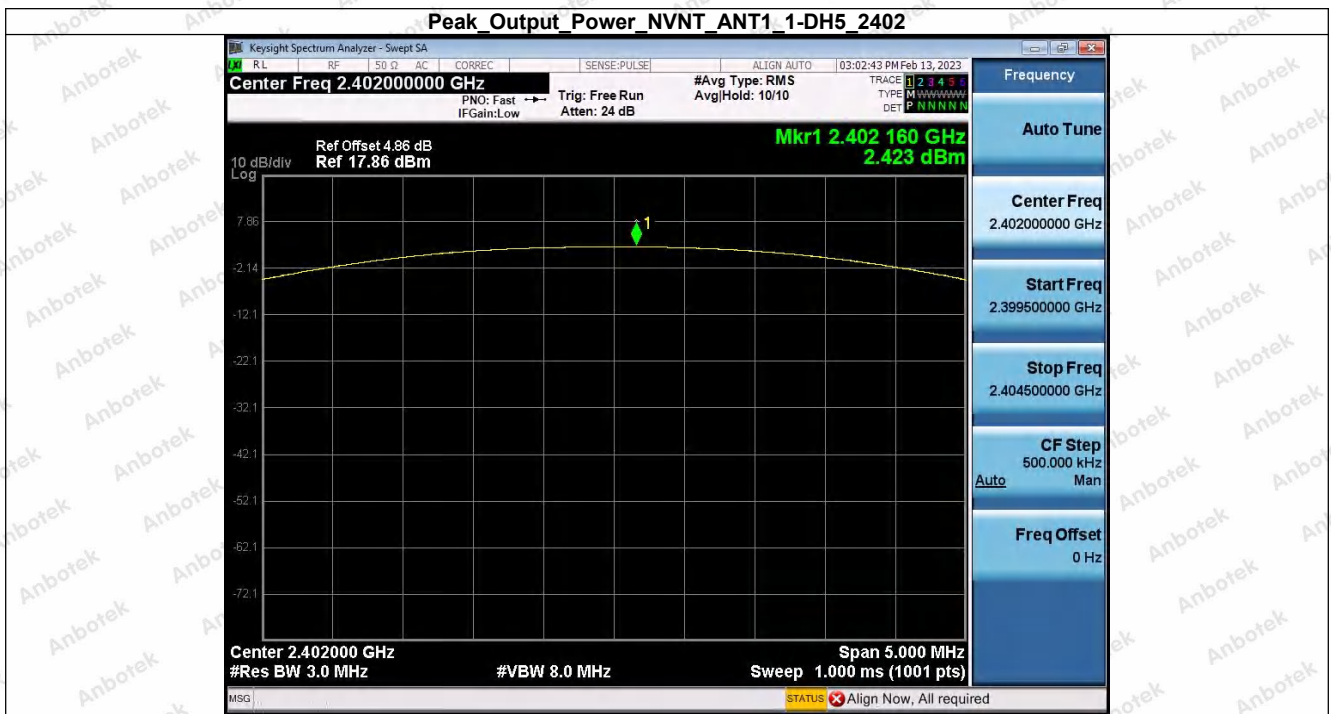


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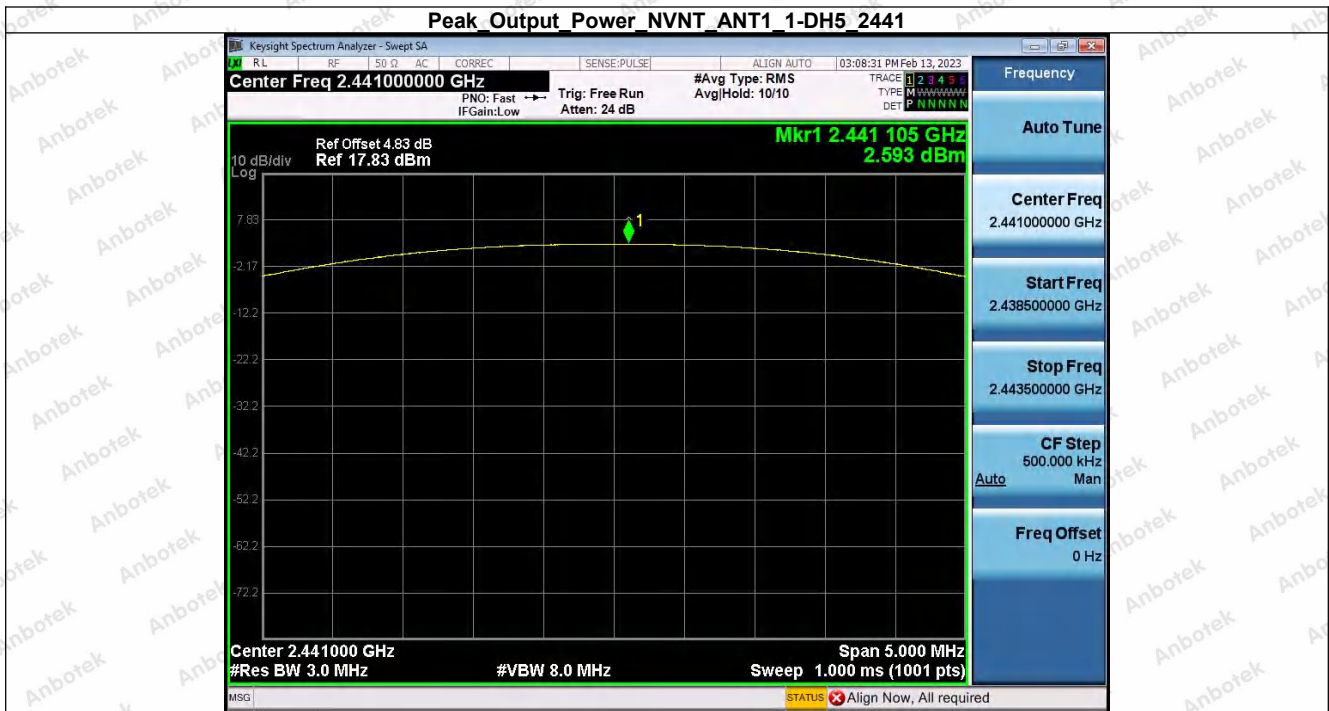


3. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	2.42	1.75	125	Pass
NVNT	ANT1	1-DH5	2441.00	2.59	1.82	125	Pass
NVNT	ANT1	1-DH5	2480.00	3.20	2.09	125	Pass
NVNT	ANT1	2-DH5	2402.00	3.42	2.20	125	Pass
NVNT	ANT1	2-DH5	2441.00	3.32	2.15	125	Pass
NVNT	ANT1	2-DH5	2480.00	3.84	2.42	125	Pass



Peak Output Power NVNT ANT1 1-DH5 2441



Peak Output Power NVNT ANT1 1-DH5 2480

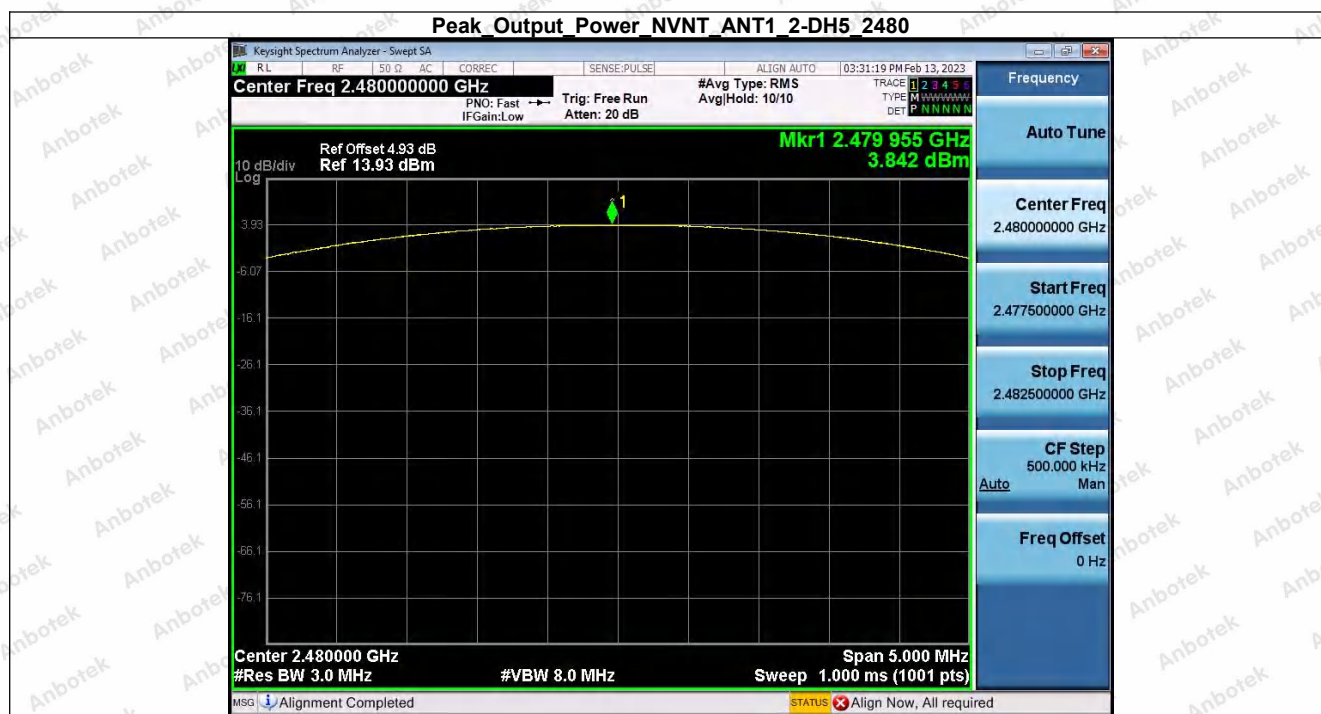


Peak Output Power NVNT ANT1 2-DH5 2402



Peak Output Power NVNT ANT1 2-DH5 2441



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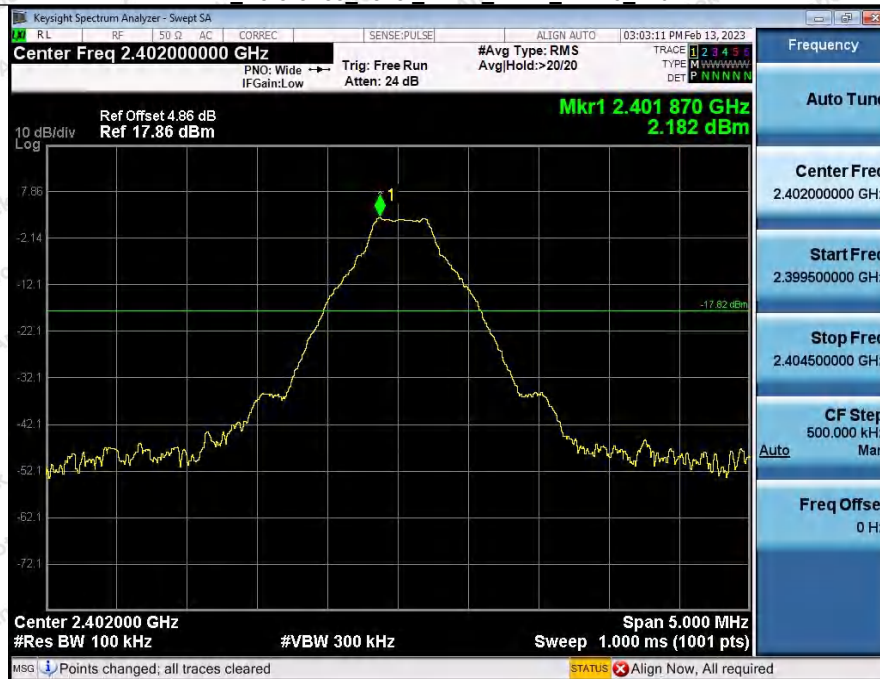
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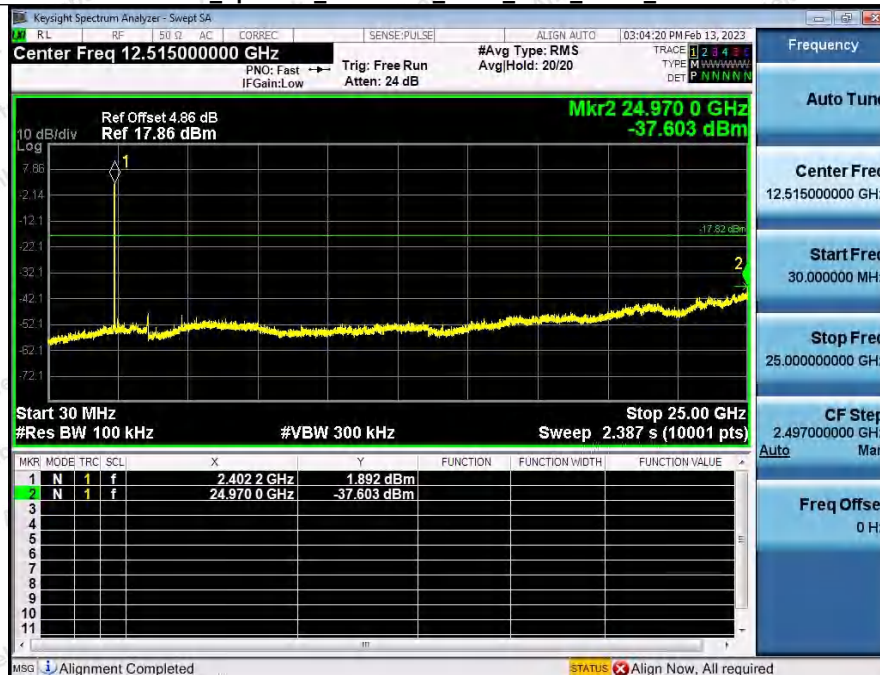
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-37.60	-17.82	Pass
NVNT	ANT1	1-DH5	2441.00	-39.62	-17.63	Pass
NVNT	ANT1	1-DH5	2480.00	-38.90	-17.07	Pass
NVNT	ANT1	2-DH5	2402.00	-38.67	-17.55	Pass
NVNT	ANT1	2-DH5	2441.00	-39.64	-17.66	Pass
NVNT	ANT1	2-DH5	2480.00	-40.13	-17.19	Pass

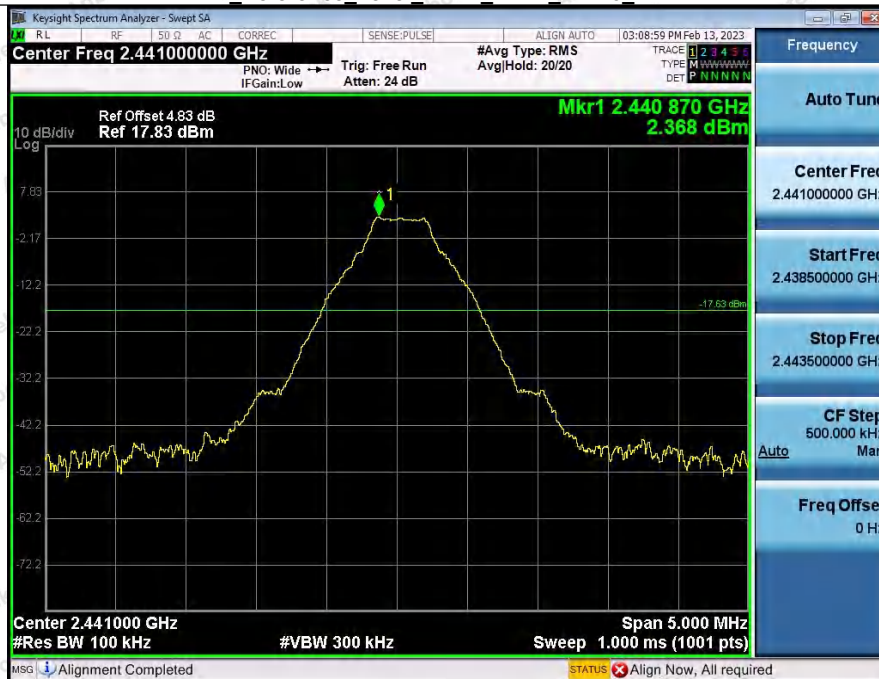
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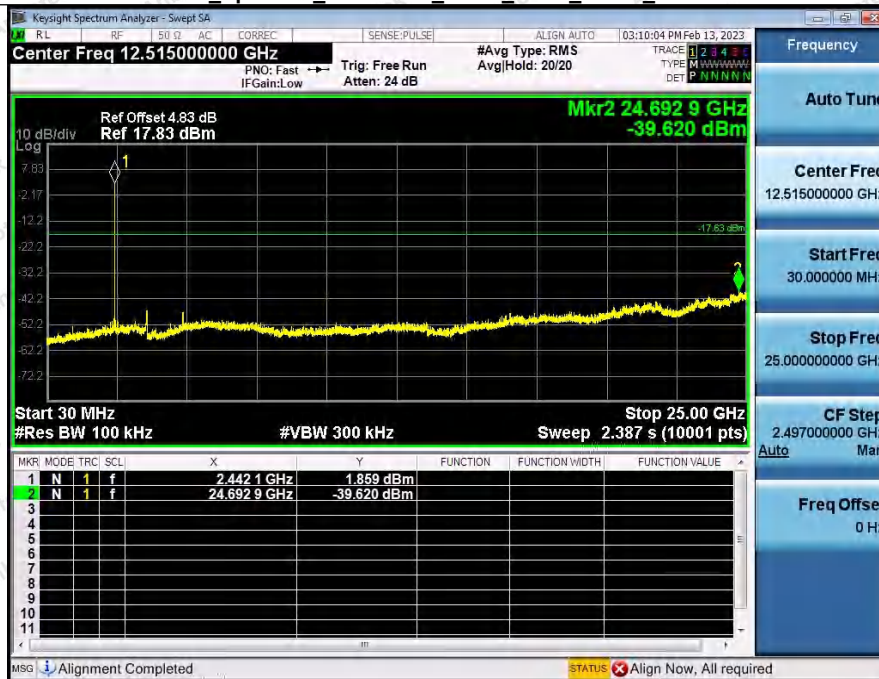
2 Spurious Emissions NVNT ANT1 1-DH5 2402



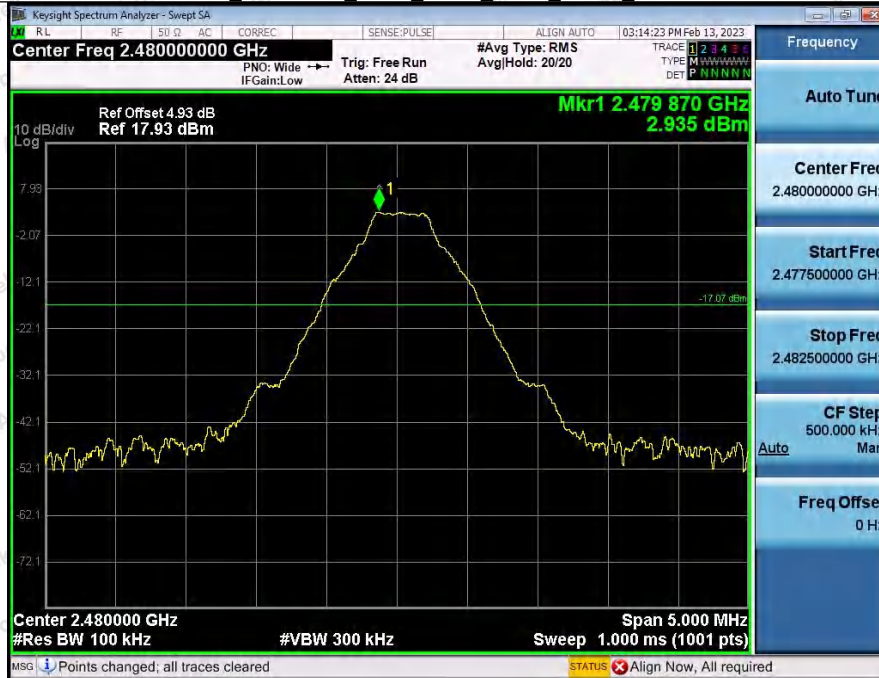
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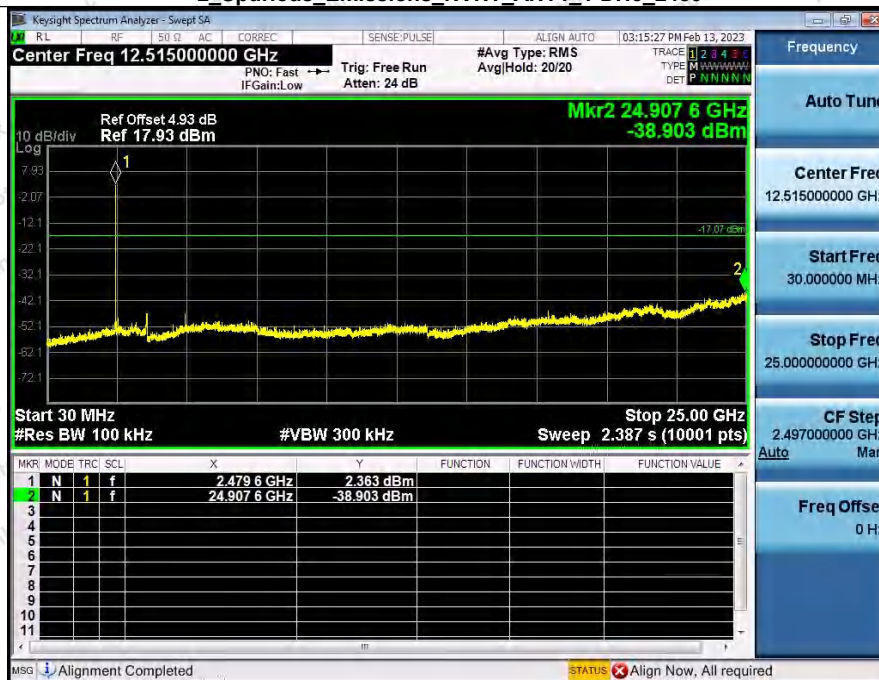
2 Spurious Emissions NVNT_ANT1_1-DH5_2441



1 Reference Level NVNT ANT1 1-DH5 2480



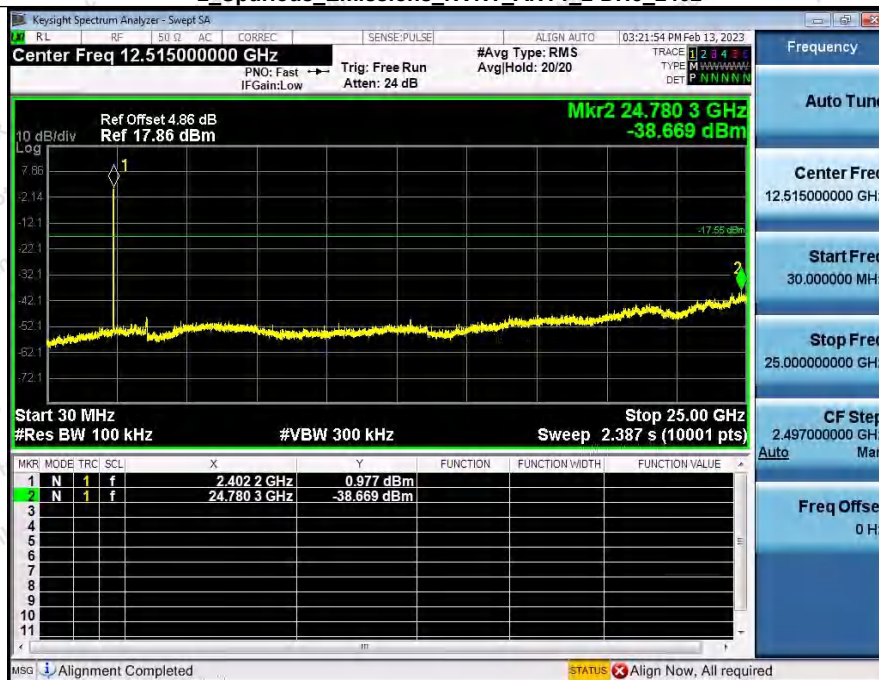
2 Spurious Emissions NVNT ANT1 1-DH5 2480



1 Reference Level NVNT ANT1 2-DH5 2402



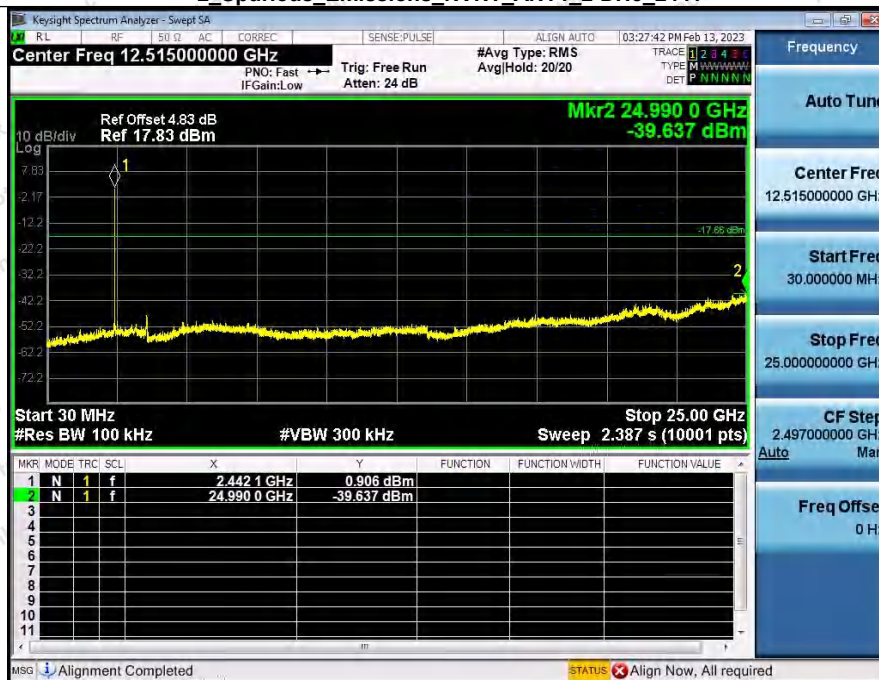
2 Spurious Emissions NVNT ANT1 2-DH5 2402



1 Reference Level NVNT ANT1 2-DH5 2441



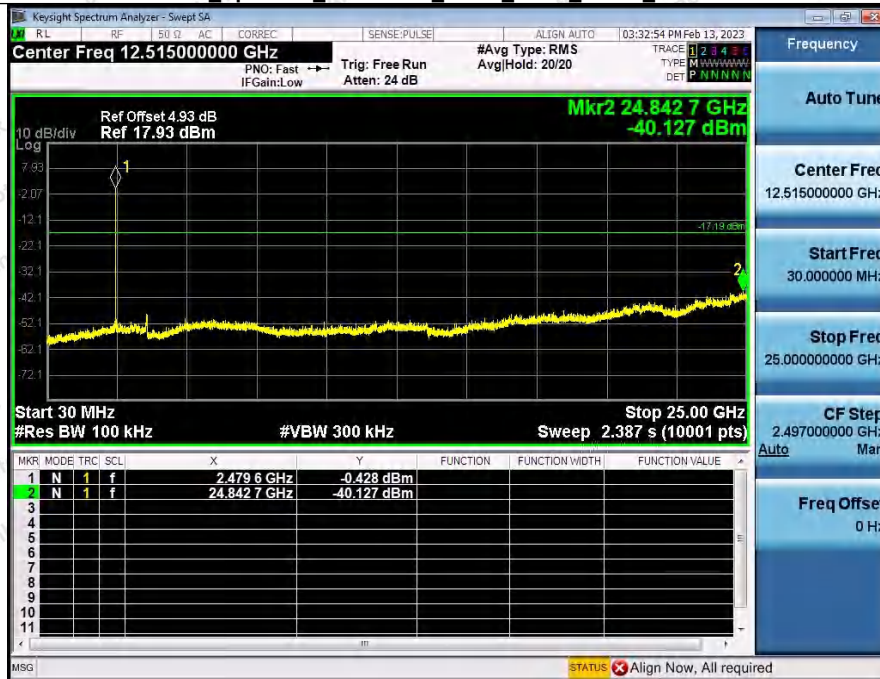
2 Spurious Emissions NVNT ANT1 2-DH5 2441



1 Reference Level NVNT ANT1 2-DH5 2480



2 Spurious Emissions NVNT ANT1 2-DH5 2480



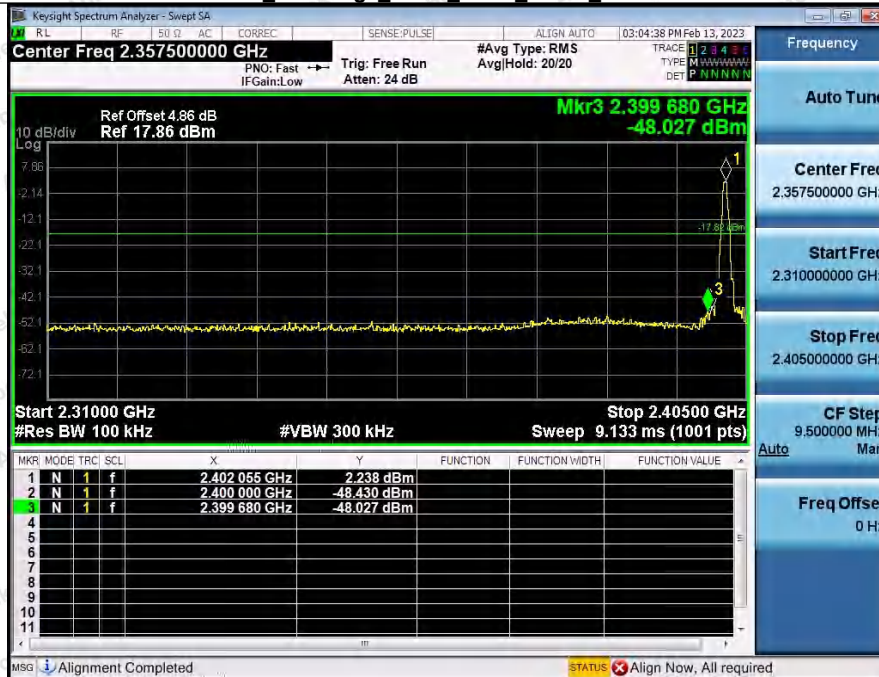
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-48.03	-17.82	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-50.87	-17.48	Pass
NVNT	ANT1	1-DH5	2480.00	-48.60	-17.07	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-47.63	-17.15	Pass
NVNT	ANT1	2-DH5	2402.00	-46.68	-17.55	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-46.64	-20.00	Pass
NVNT	ANT1	2-DH5	2480.00	-48.45	-17.19	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-49.83	-17.59	Pass

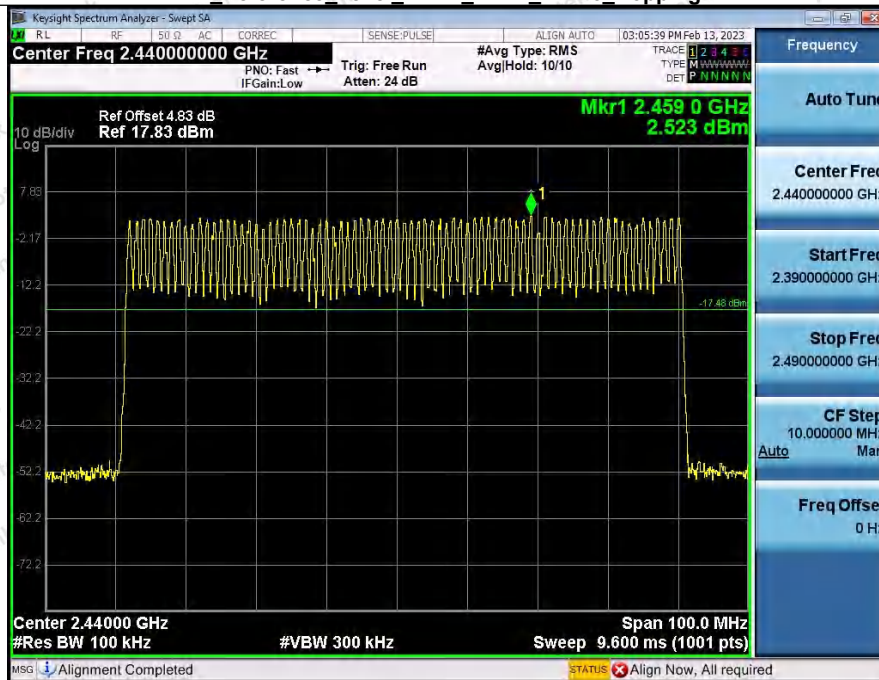
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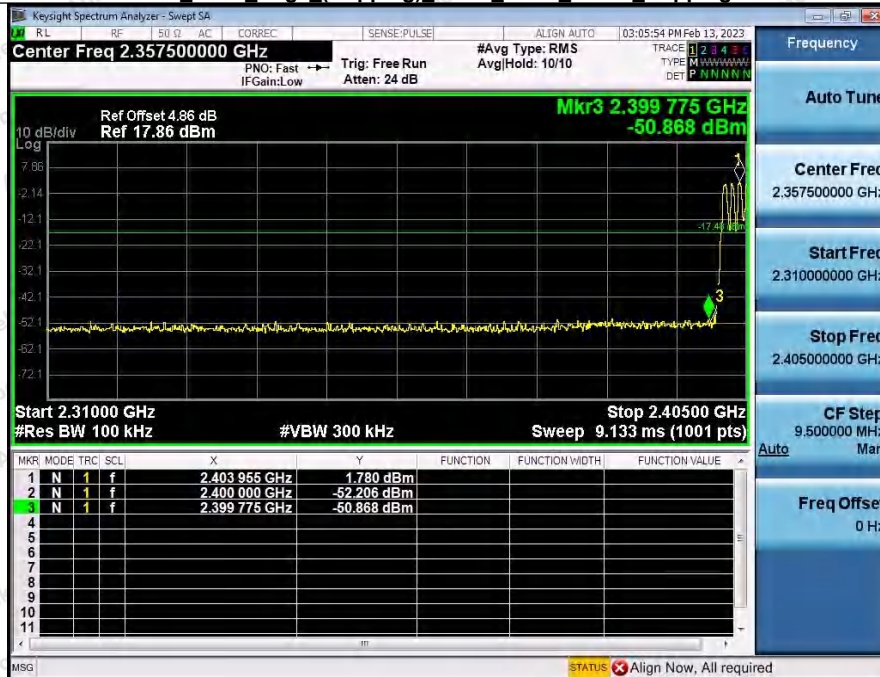
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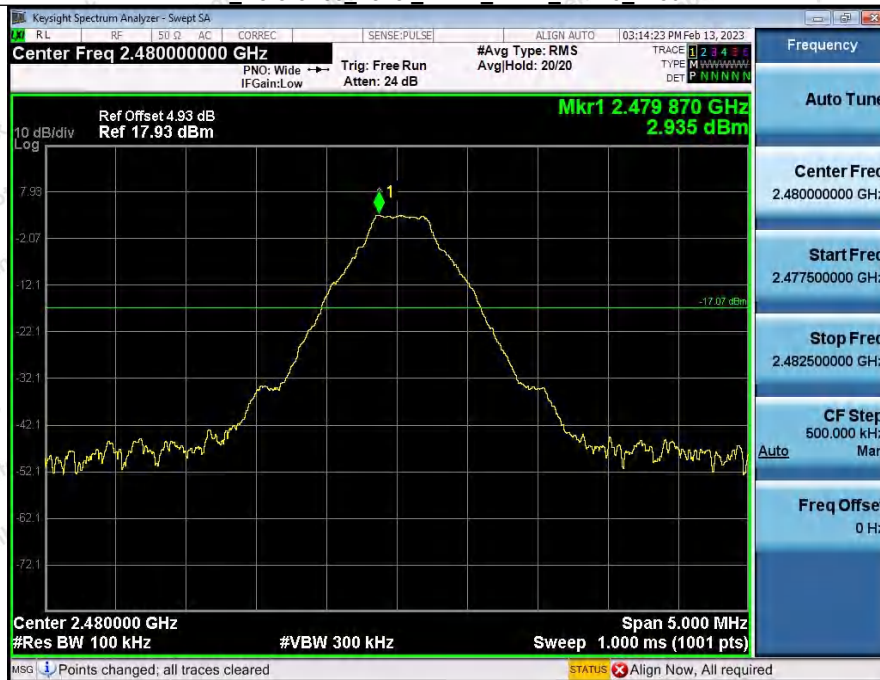
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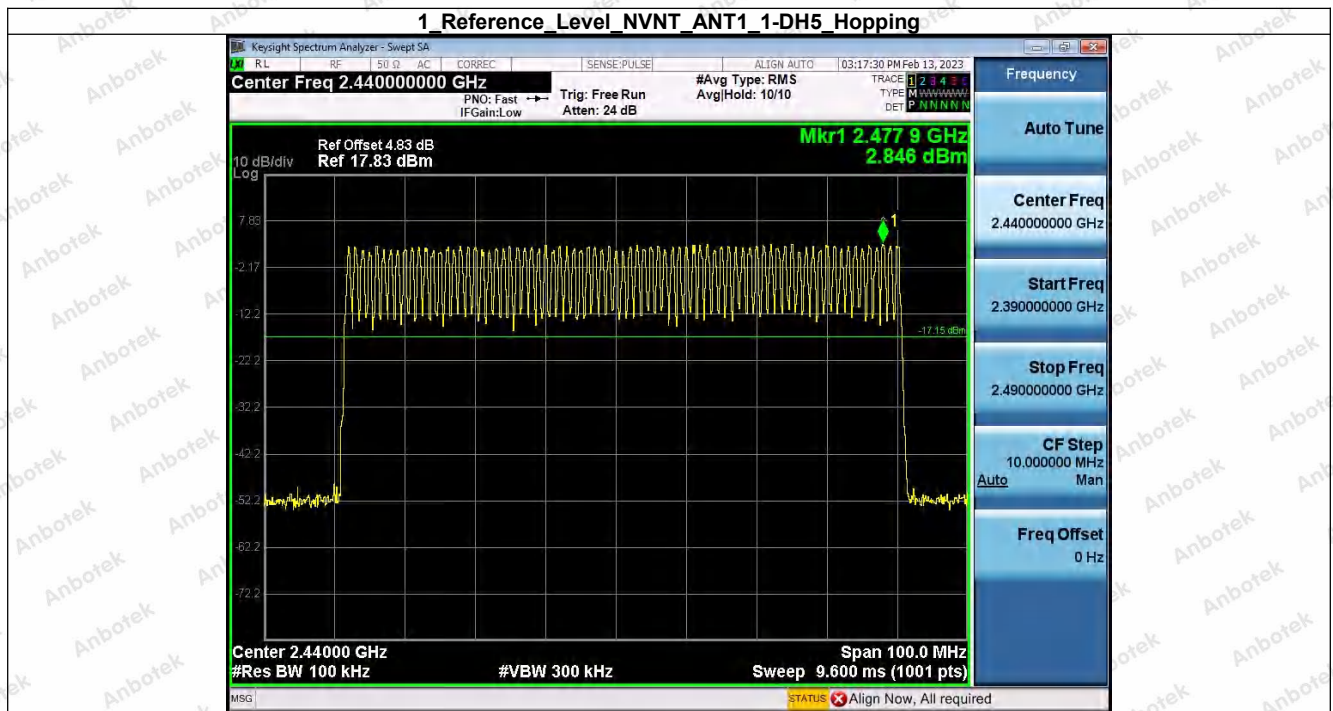
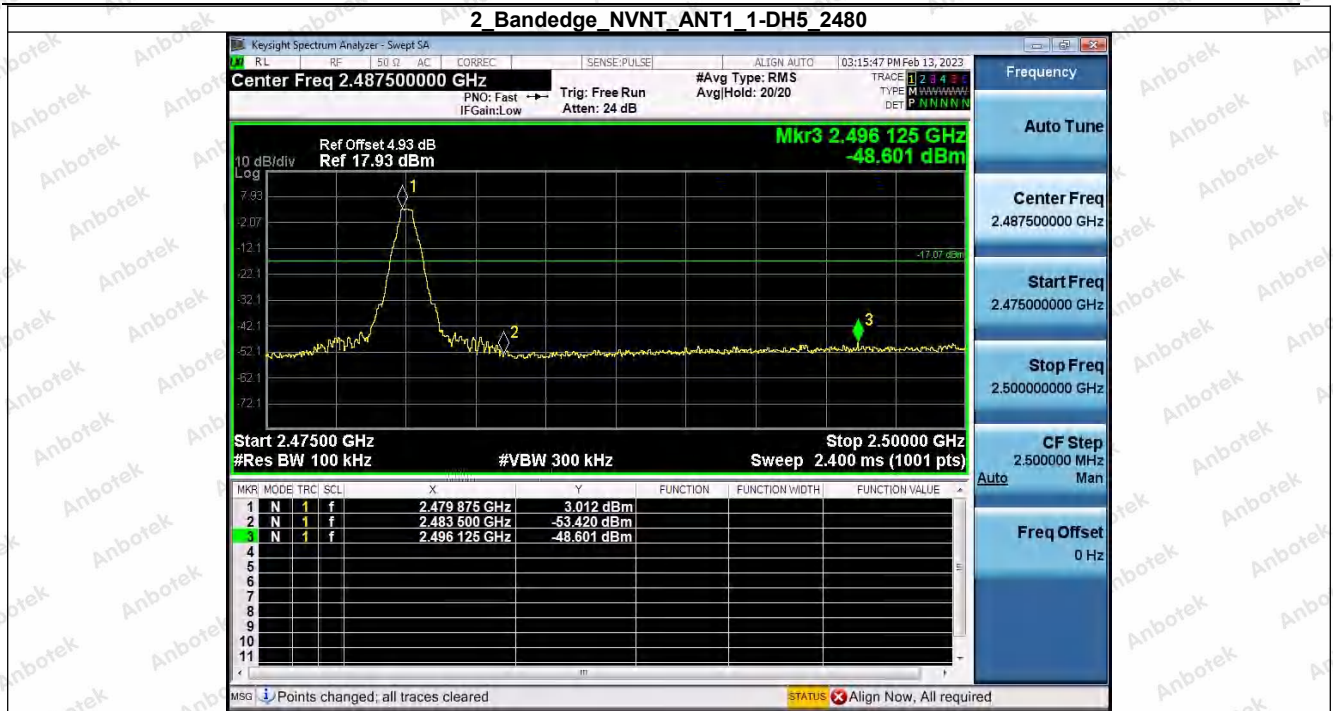


2 Band Edge (Hopping) NVNT ANT1_1-DH5 Hopping

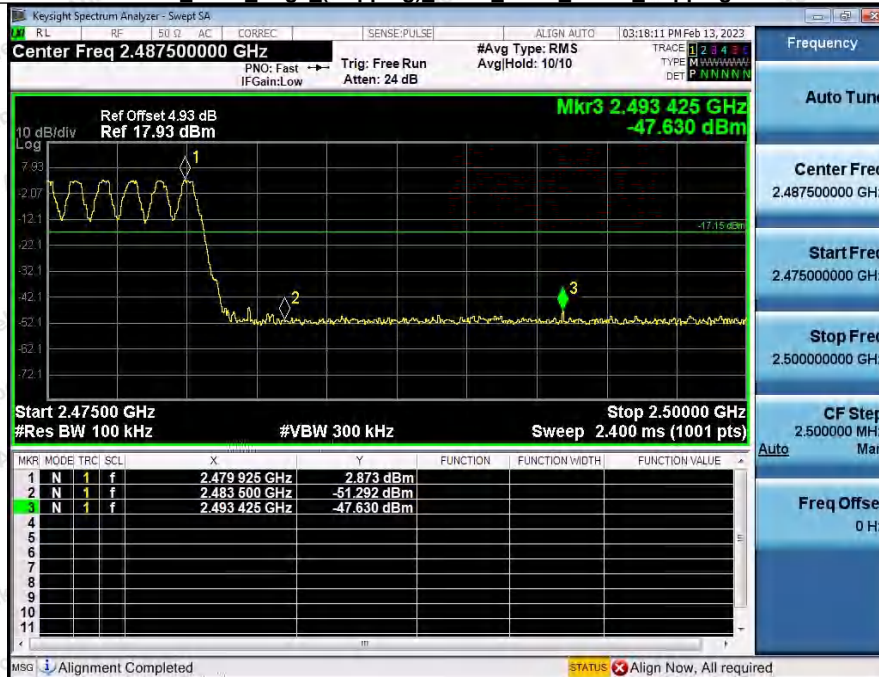


1 Reference Level NVNT ANT1_1-DH5 2480





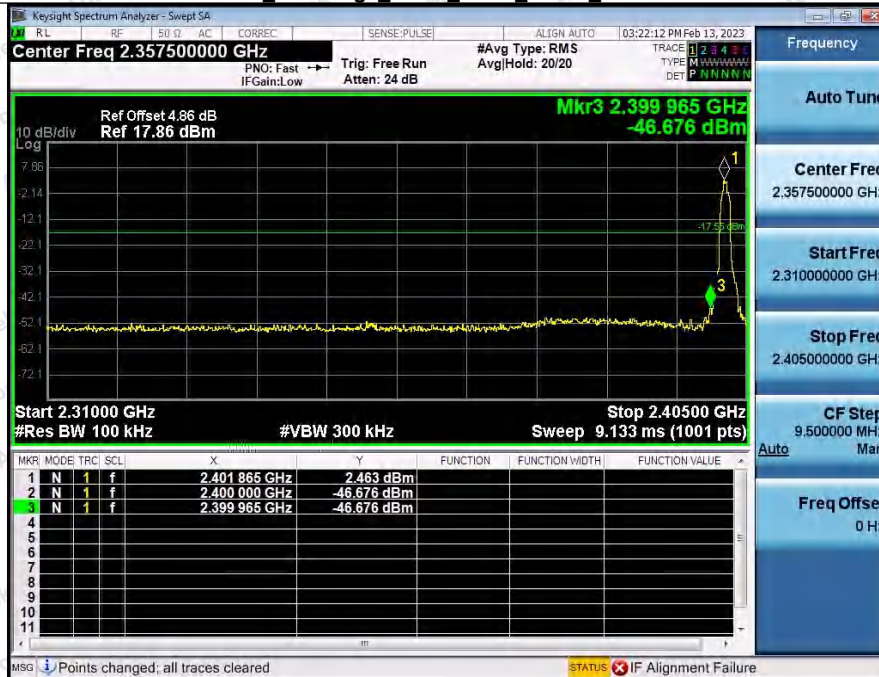
2 Band Edge (Hopping) NVNT ANT1_1-DH5 Hopping



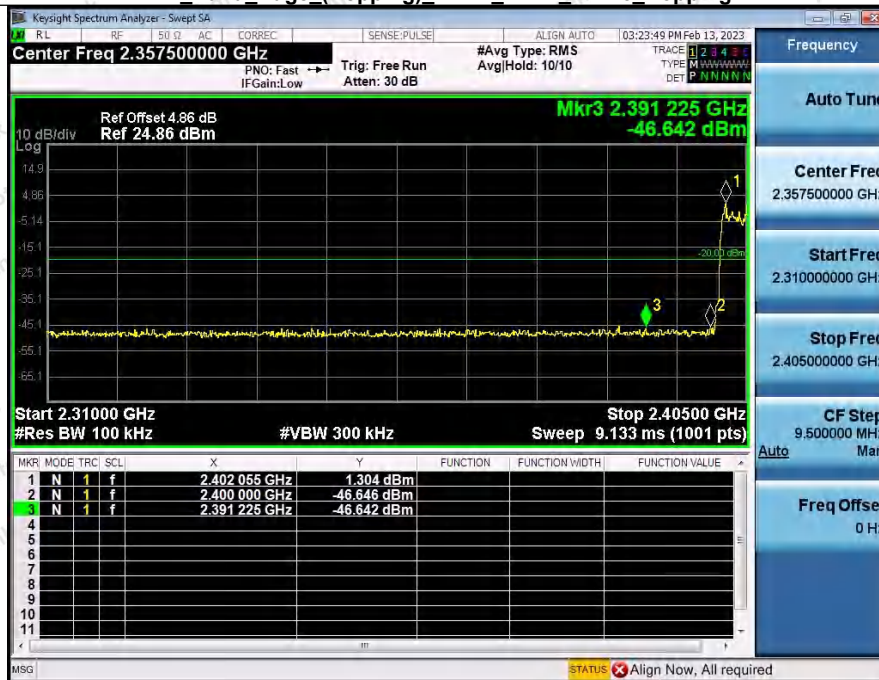
1 Reference Level NVNT ANT1_2-DH5 2402



2_Bandedge_NVNT_ANT1_2-DH5_2402



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



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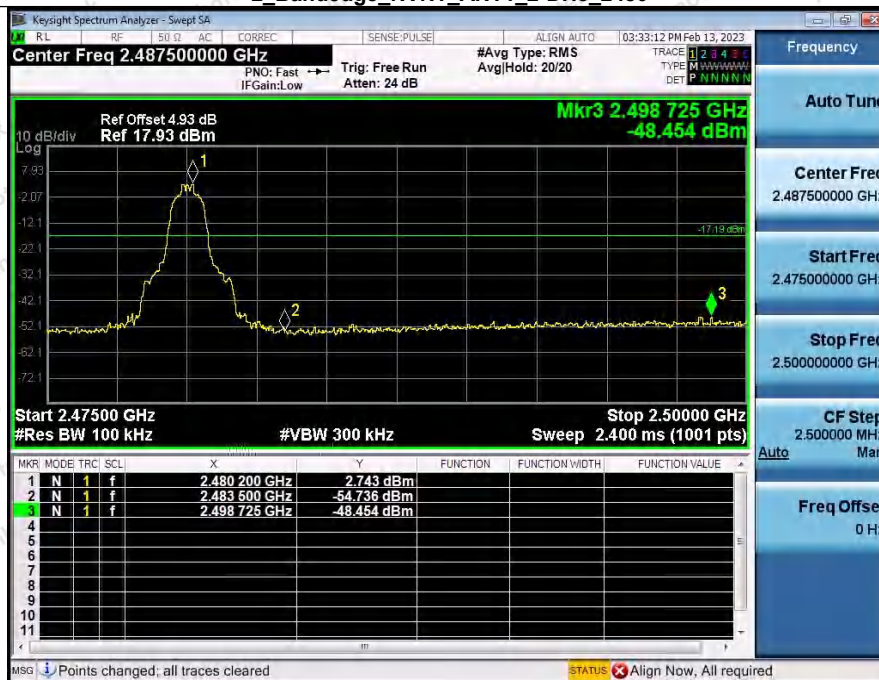
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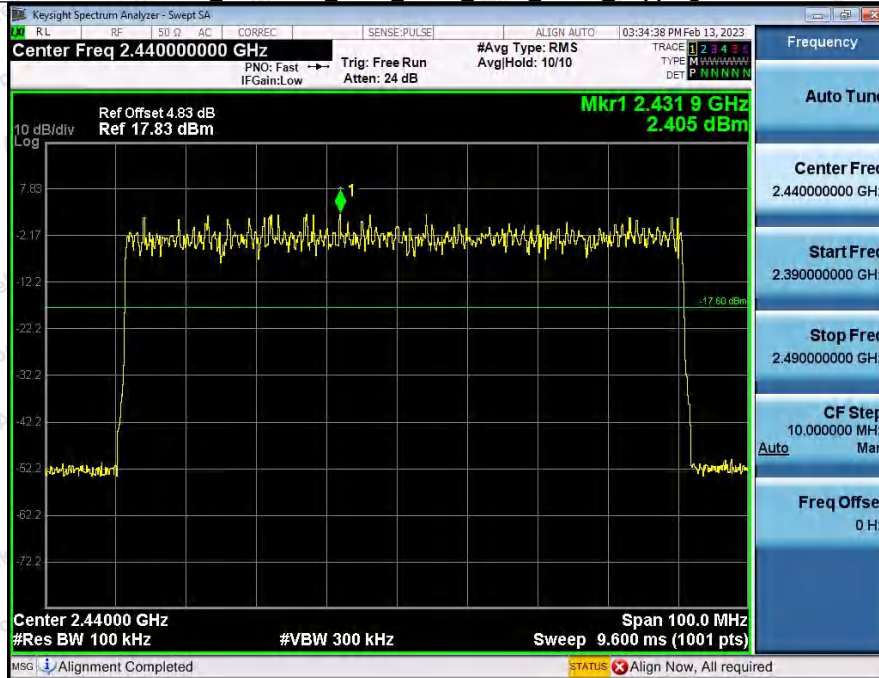
1 Reference Level NVNT ANT1 2-DH5 2480



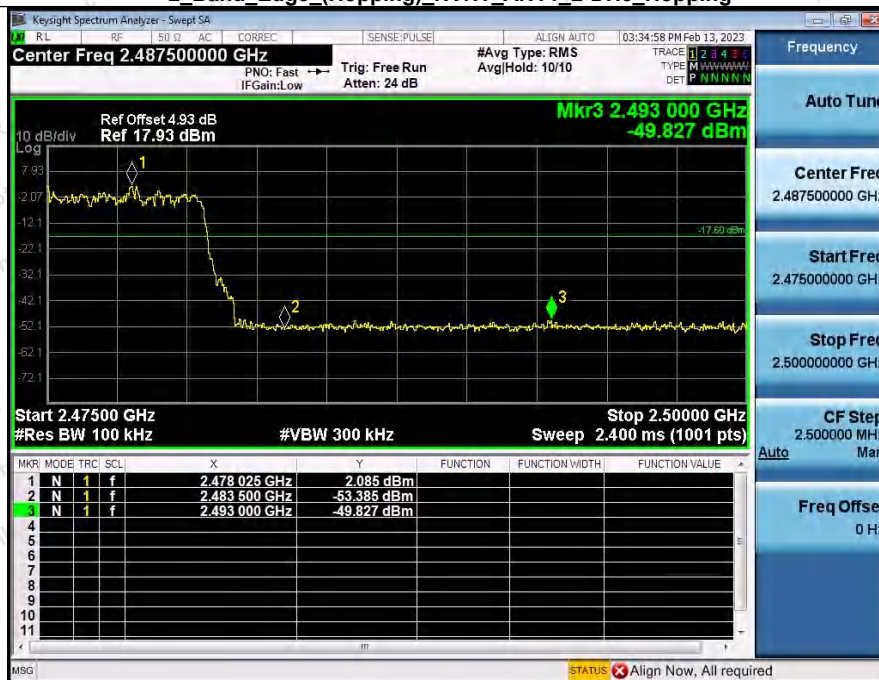
2 Bandedge NVNT ANT1 2-DH5 2480



1 Reference Level NVNT ANT1 2-DH5 Hopping

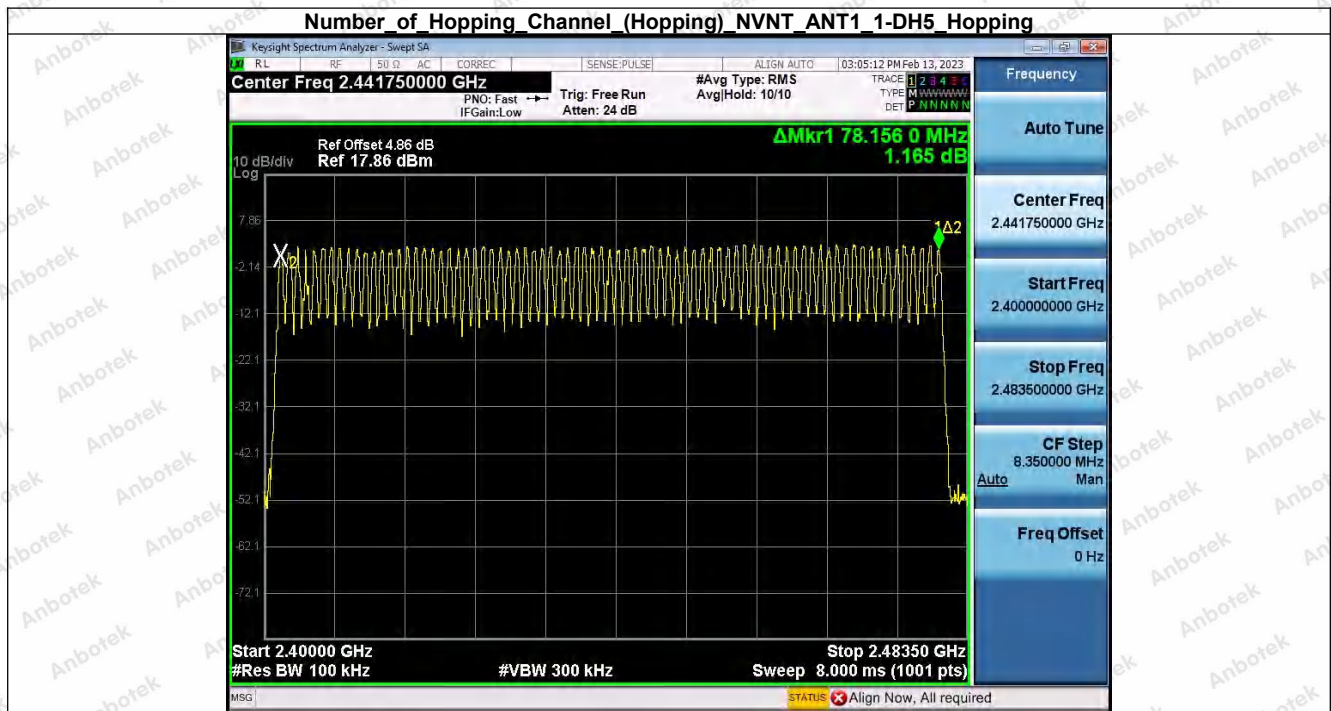


2 Band Edge (Hopping) NVNT ANT1 2-DH5 Hopping

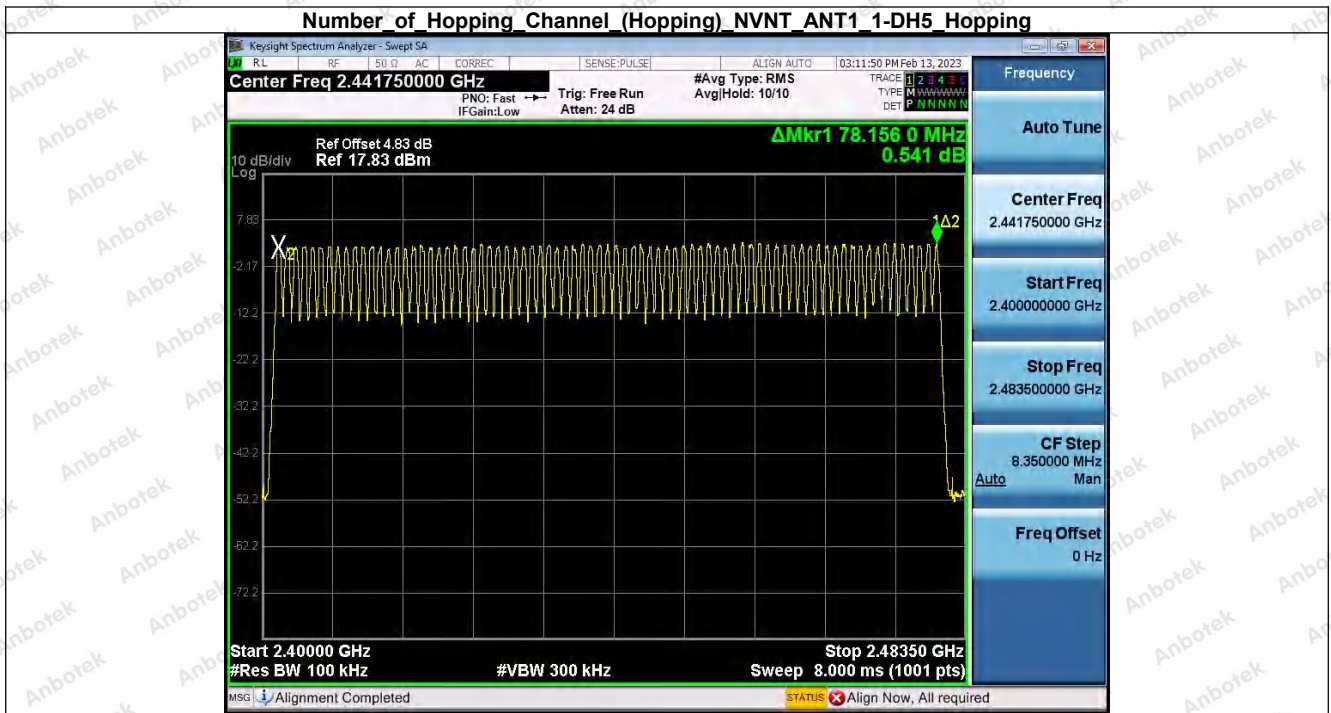


6. Number of Hopping Channel (Hopping)

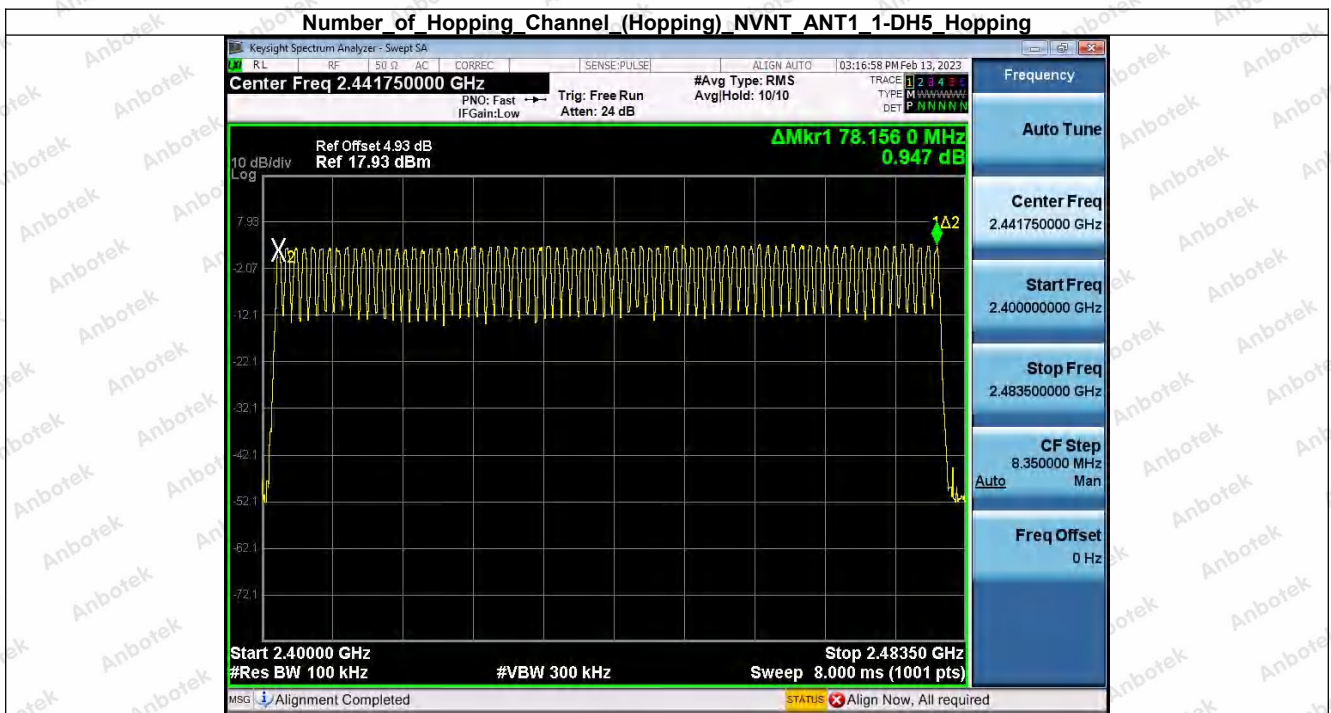
Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass



Number of Hopping Channel (Hopping) NVNT ANT1 1-DH5 Hopping



Number of Hopping Channel (Hopping) NVNT ANT1 1-DH5 Hopping



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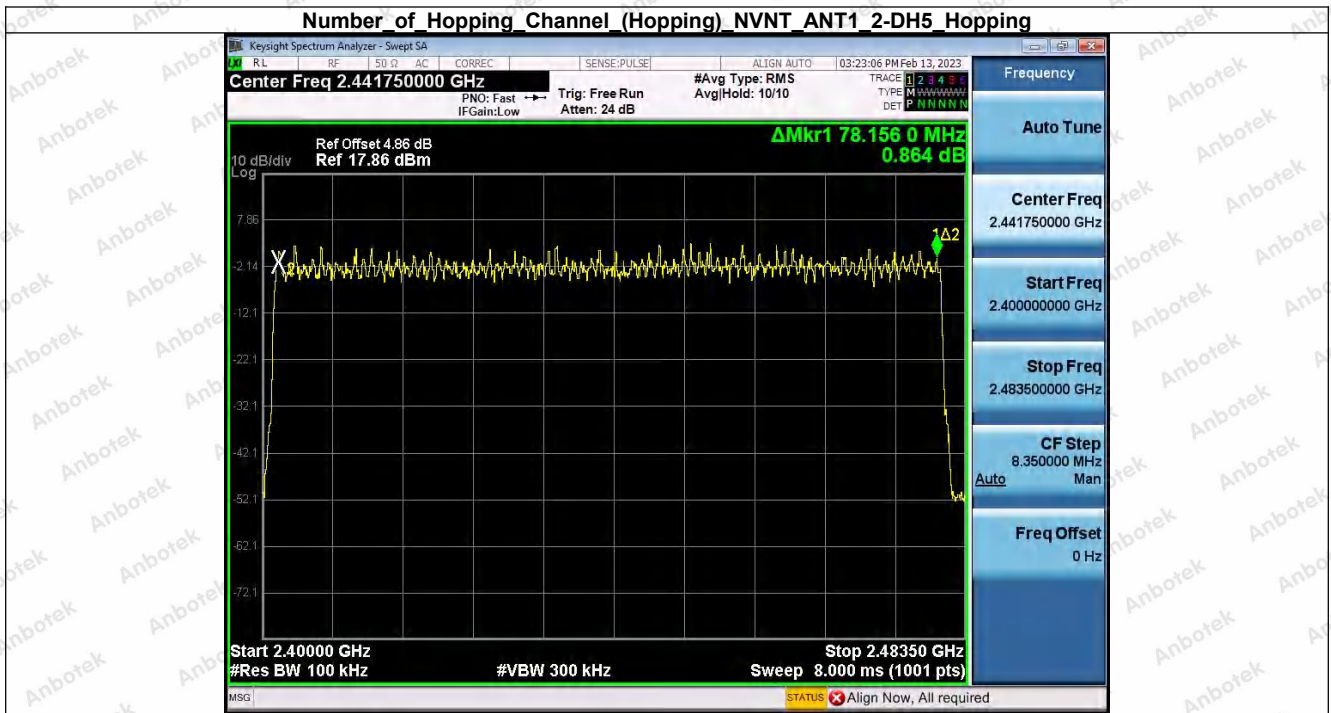
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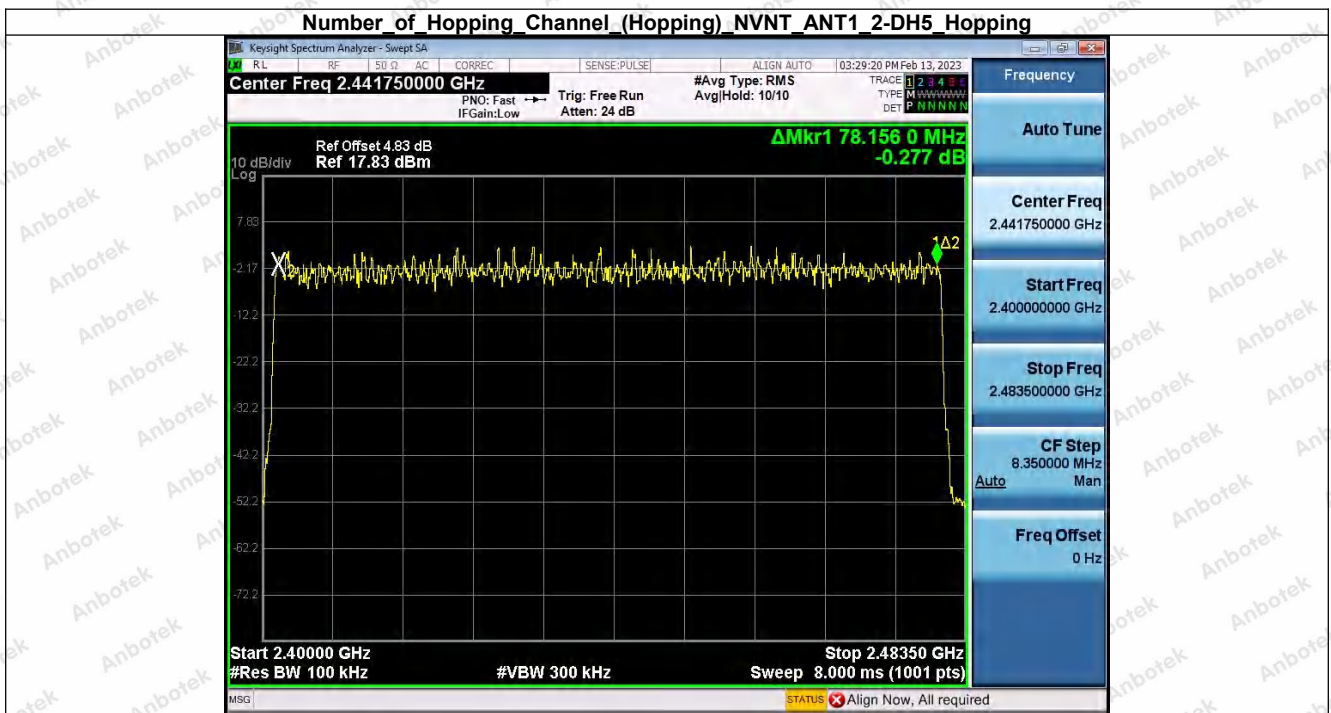
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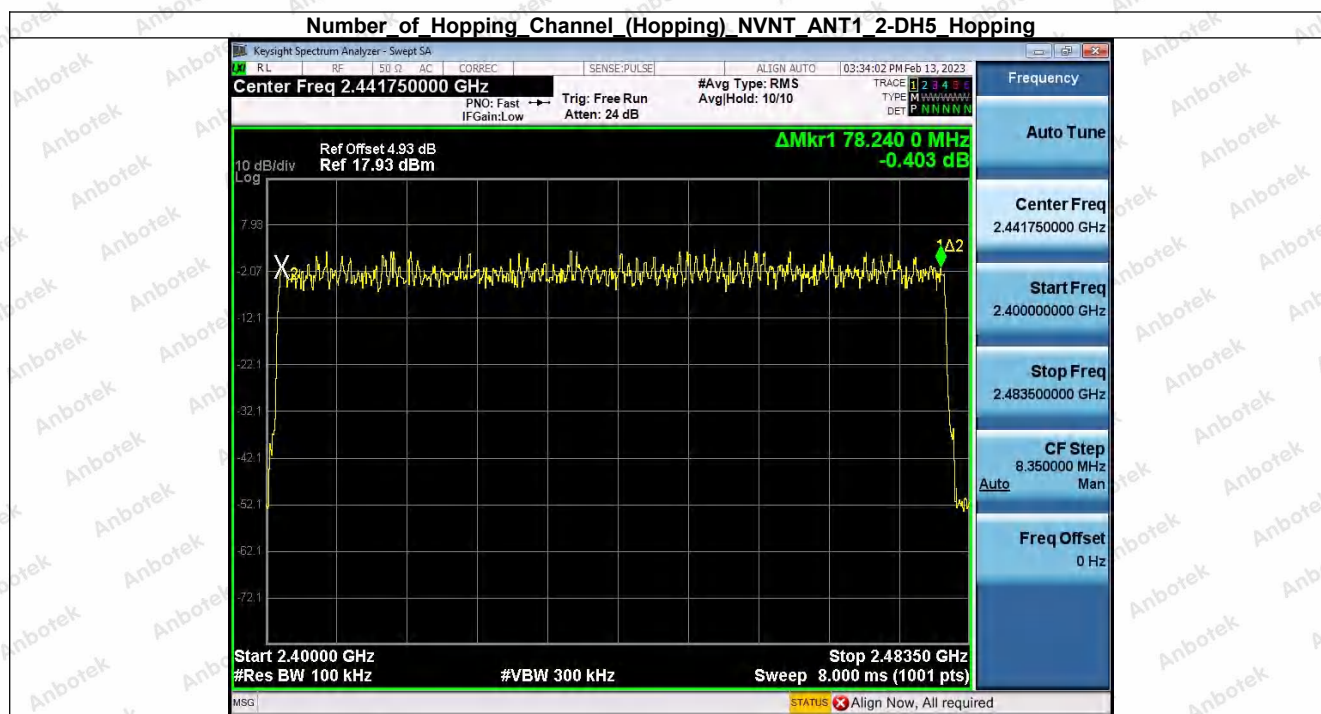


Number of Hopping Channel (Hopping) NVNT ANT1 2-DH5 Hopping



Number of Hopping Channel (Hopping) NVNT ANT1 2-DH5 Hopping

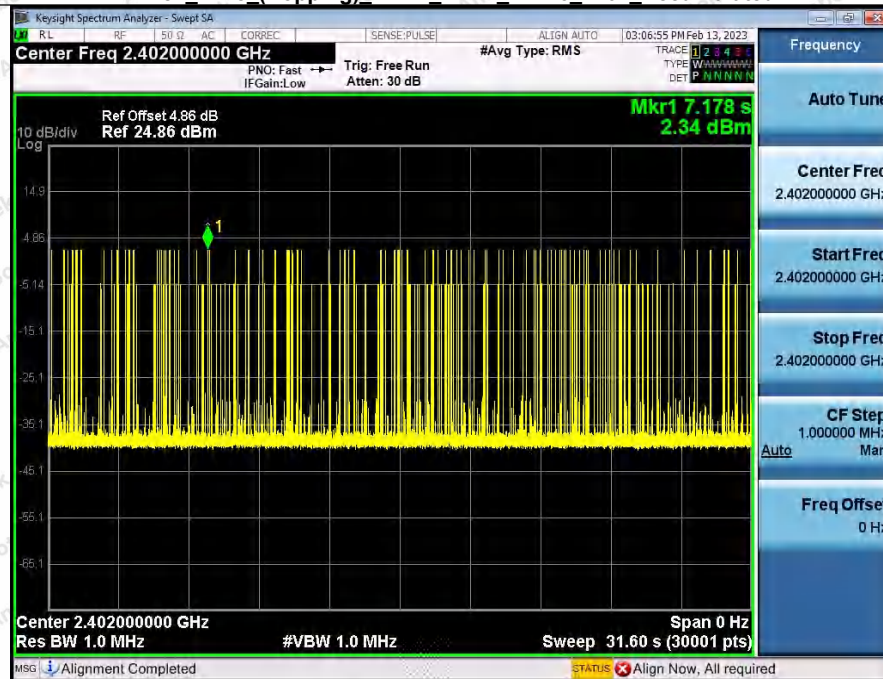




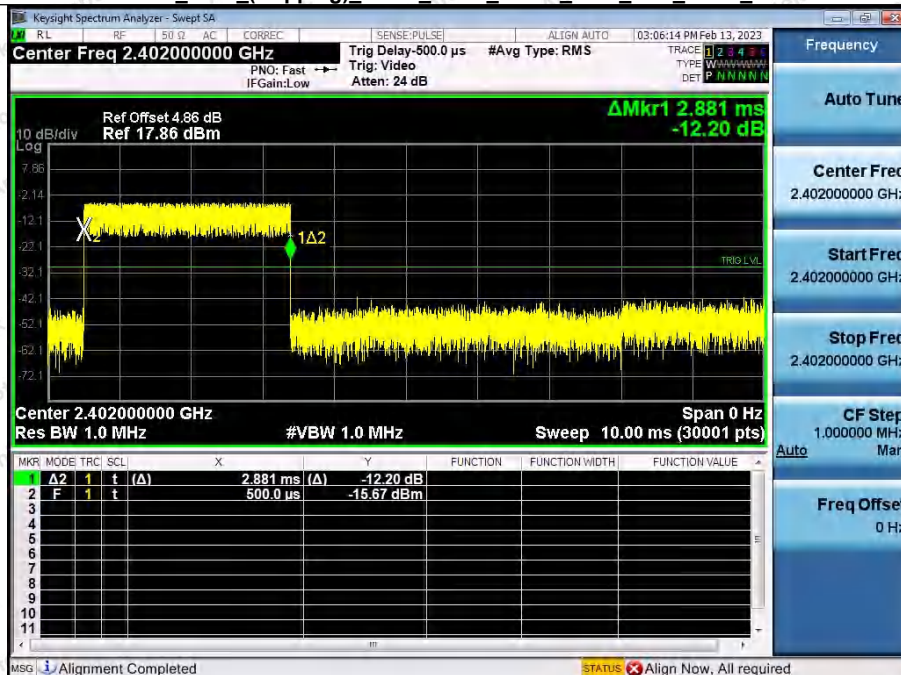
7. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.881	107.00	308.267	0.40	Pass
NVNT	ANT1	1-DH5	2.881	101.00	290.981	0.40	Pass
NVNT	ANT1	1-DH5	2.881	106.00	305.386	0.40	Pass
NVNT	ANT1	2-DH5	2.887	101.00	291.587	0.40	Pass
NVNT	ANT1	2-DH5	2.887	119.00	343.553	0.40	Pass
NVNT	ANT1	2-DH5	2.887	106.00	306.022	0.40	Pass

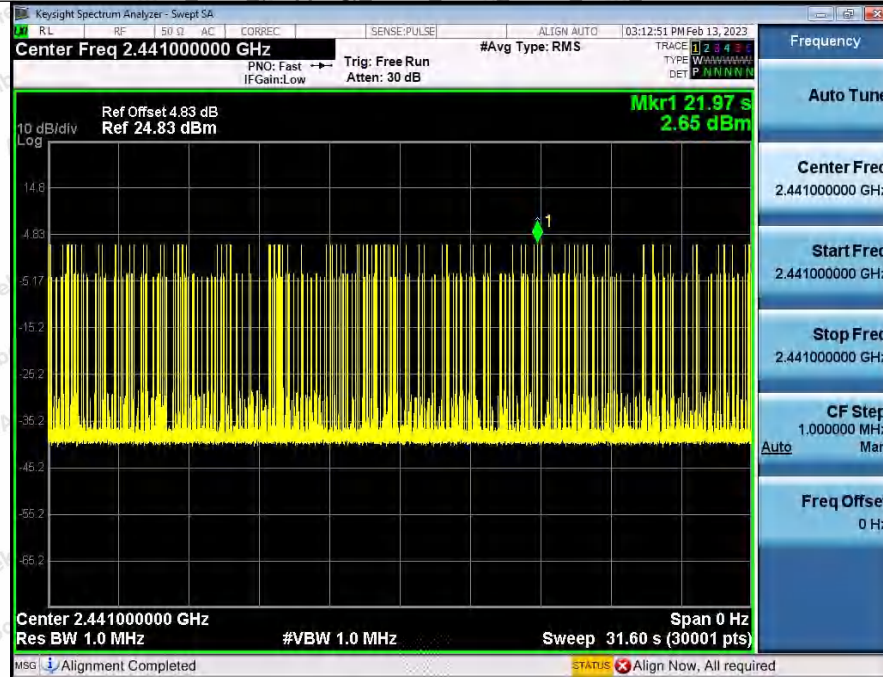
Dwell Time (Hopping) NVNT ANT1 1-DH5 2402 Accumulated



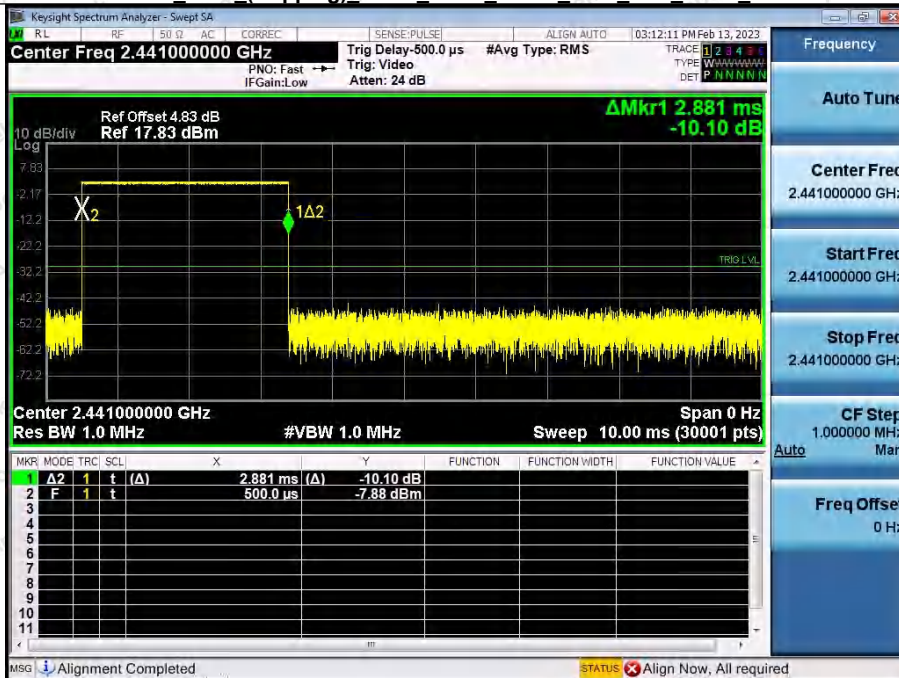
Dwell Time (Hopping) NVNT ANT1 1-DH5 2402 One Burst Time



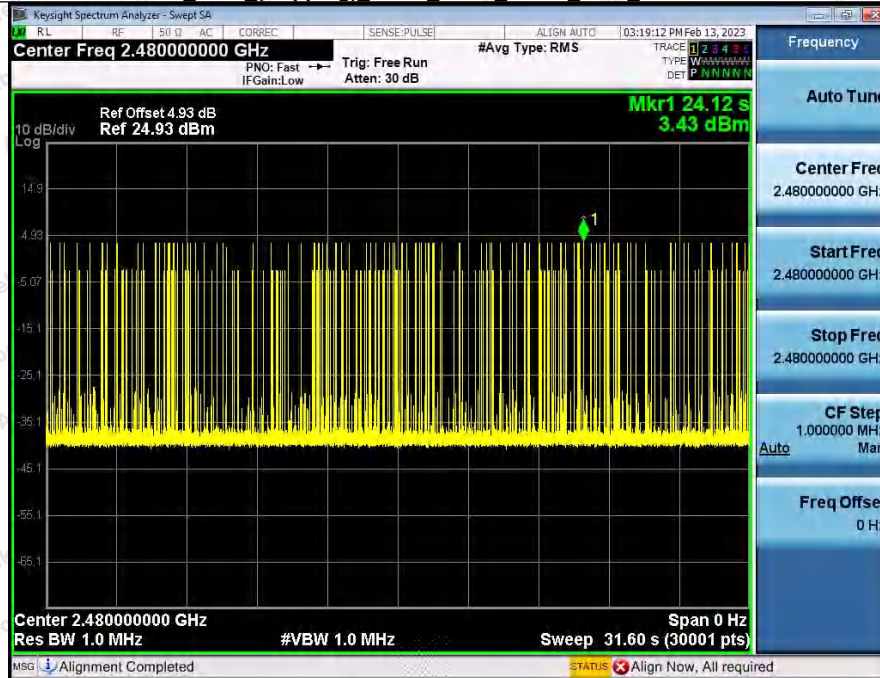
Dwell Time (Hopping) NVNT ANT1 1-DH5 2441 Accumulated



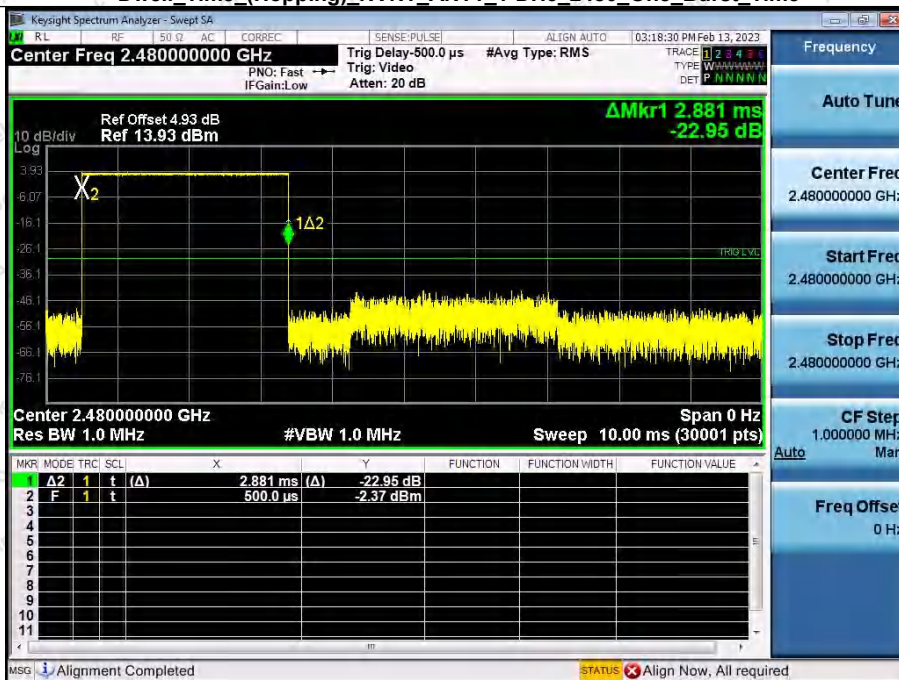
Dwell Time (Hopping) NVNT ANT1 1-DH5 2441 One Burst Time



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2480 Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2480 One Burst Time



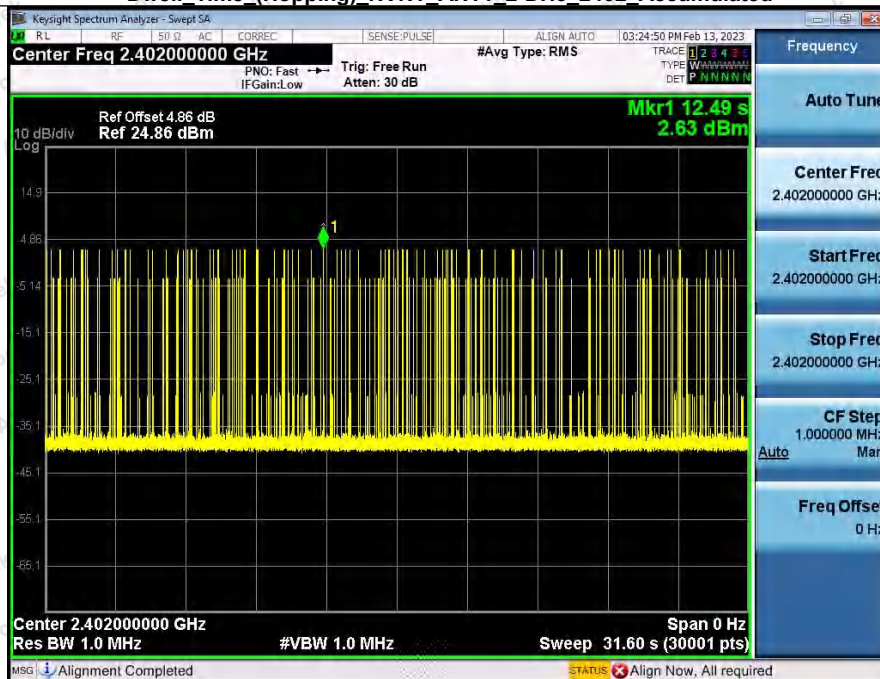
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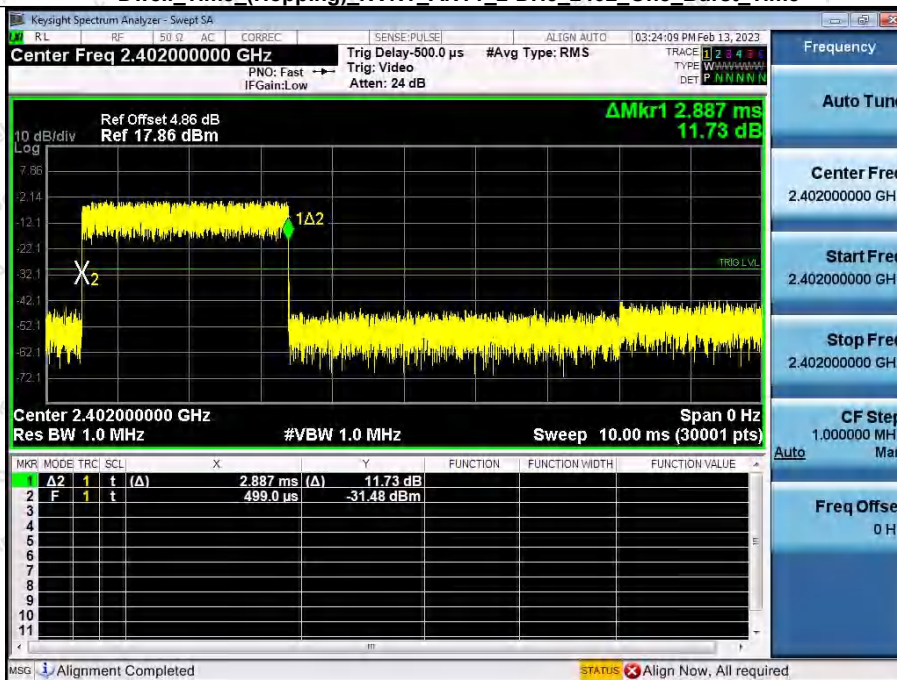


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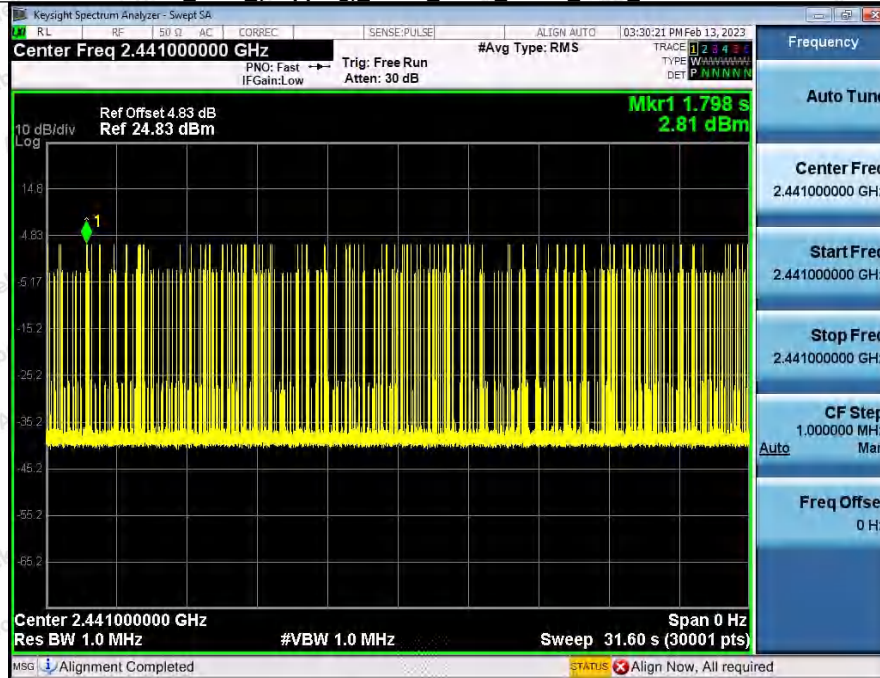




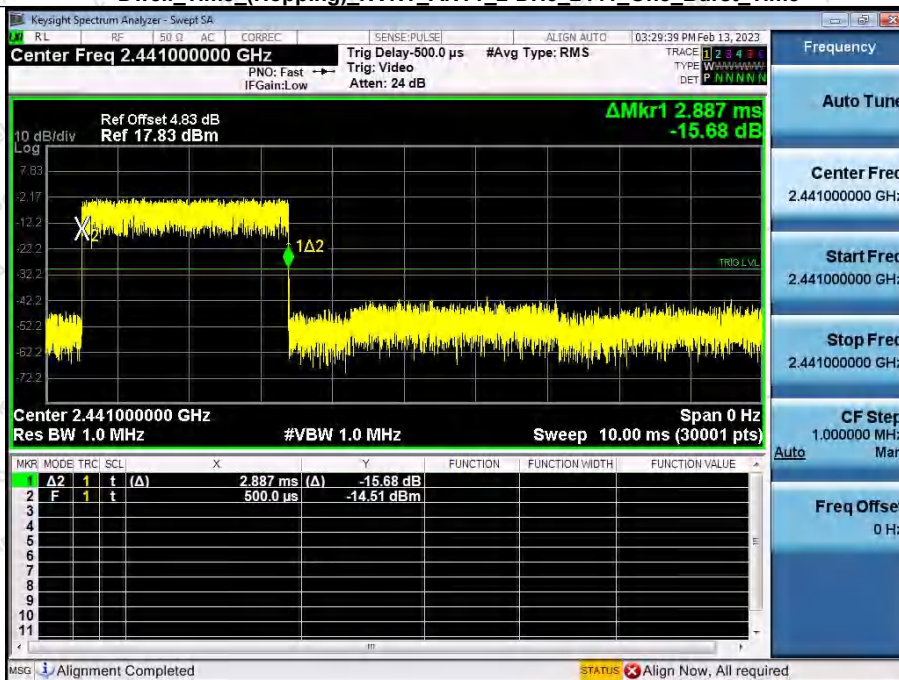
Dwell Time (Hopping) NVNT ANT1 2-DH5 2402 One Burst Time



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_One Burst Time



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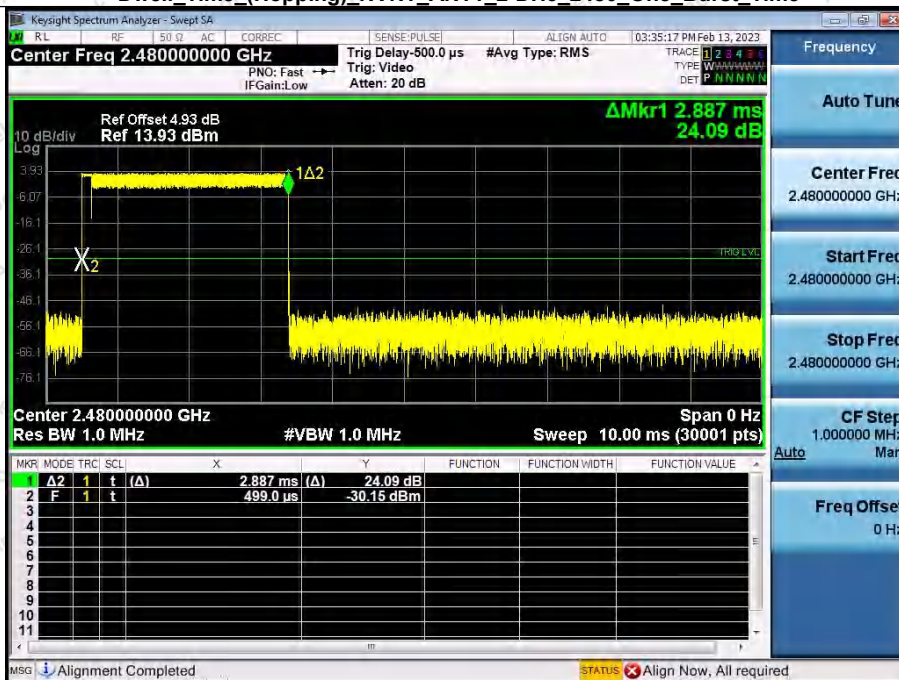
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Dwell Time (Hopping) NVNT_ANT1_2-DH5_2480 Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2480 One Burst Time



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8. 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-DH5	2441.00	2440.864	2442.034	1.17	0.693	Pass
NVNT	ANT1	2-DH5	2441.00	2441.059	2442.172	1.11	0.889	Pass

