

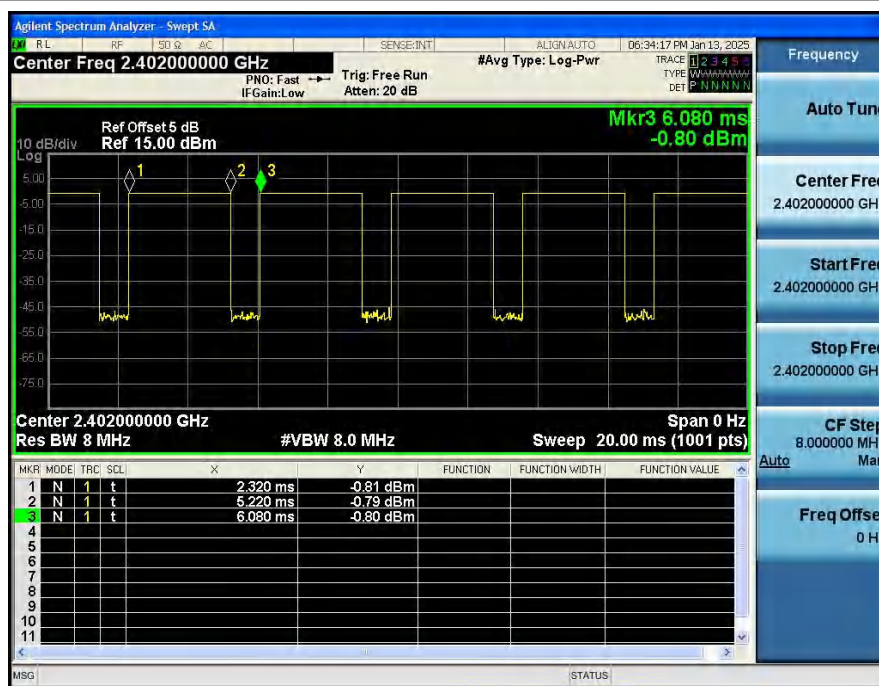
Appendix Test Data

Report No.:	1813C50011212501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.8	Finish Test Date:	2025.1.13
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.5°C	Relative Humidity:	55%
Pressure:	101kPa		

Appendix A: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH5	2402.00	77.66	1.10
NVNT	ANT1	1-DH5	2441.00	77.54	1.10
NVNT	ANT1	1-DH5	2480.00	77.13	1.13
NVNT	ANT1	2-DH5	2402.00	77.66	1.10
NVNT	ANT1	2-DH5	2441.00	77.54	1.10
NVNT	ANT1	2-DH5	2480.00	77.66	1.10

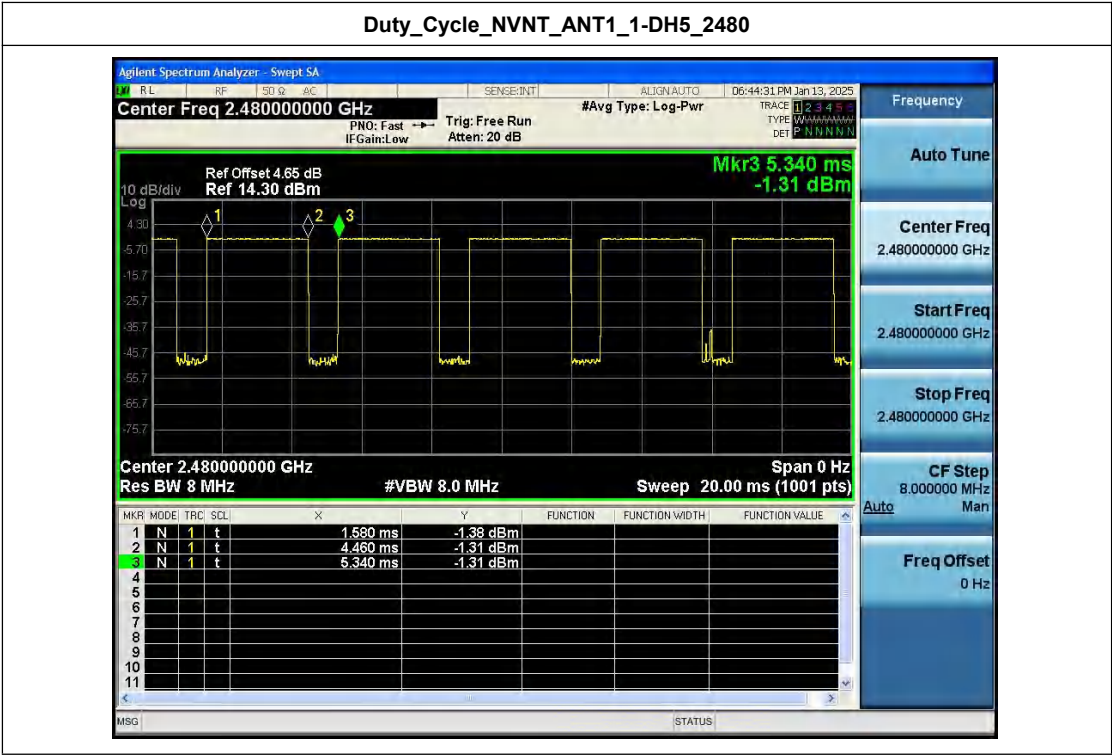
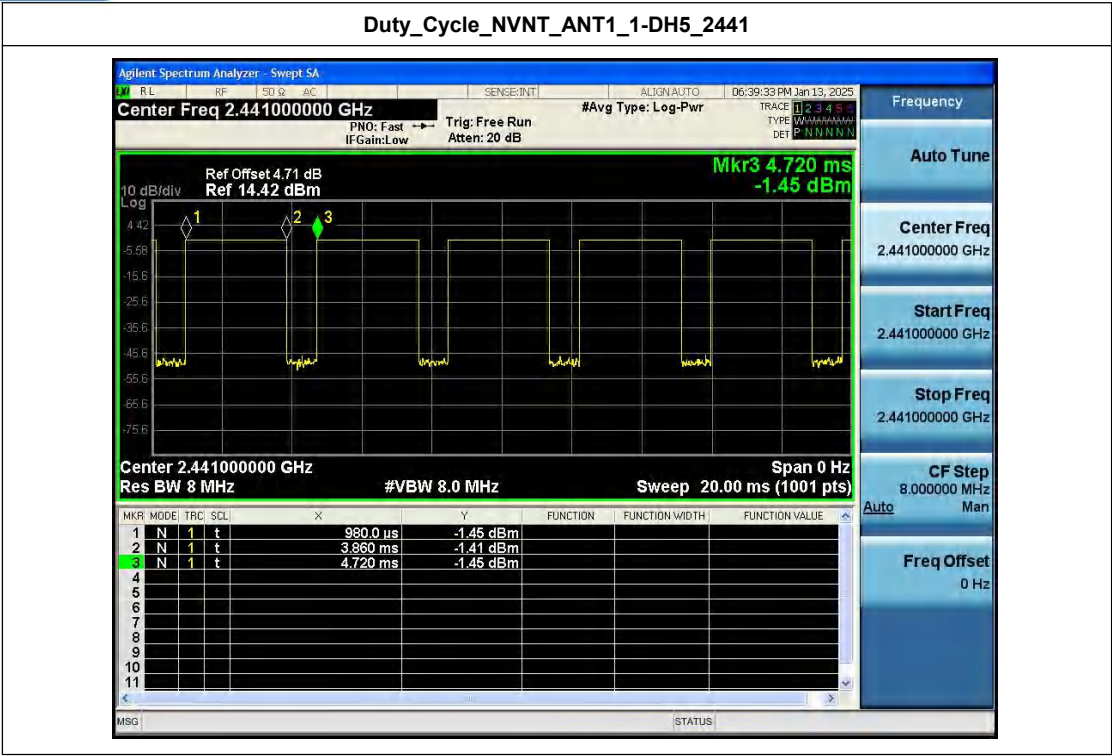
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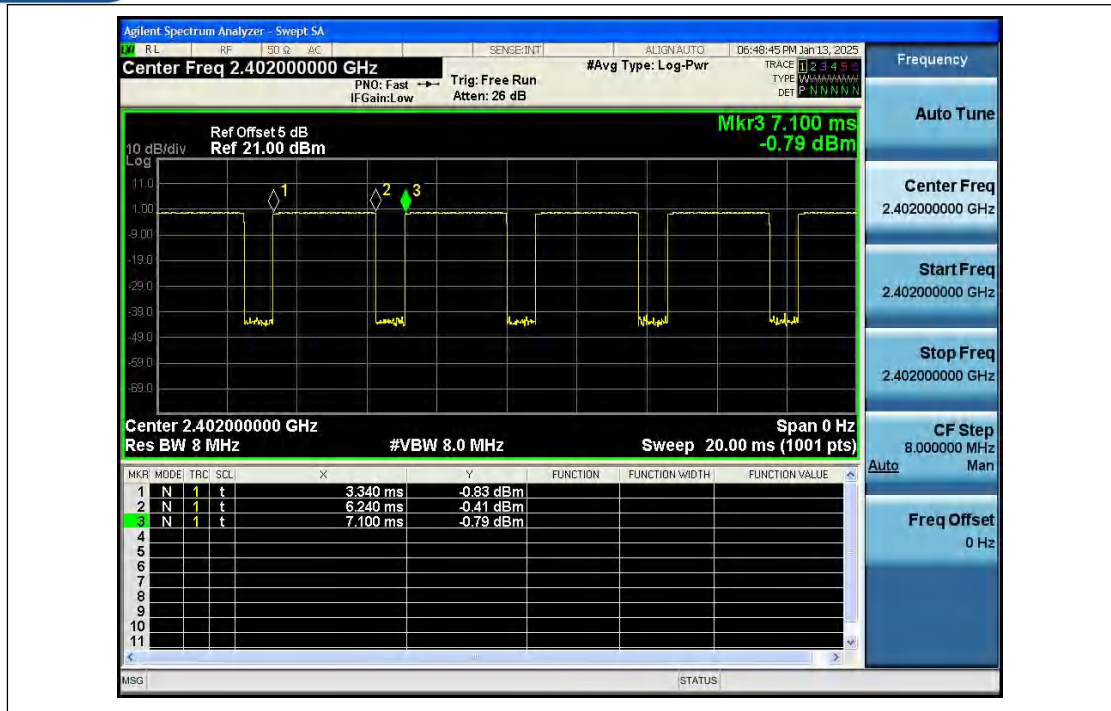
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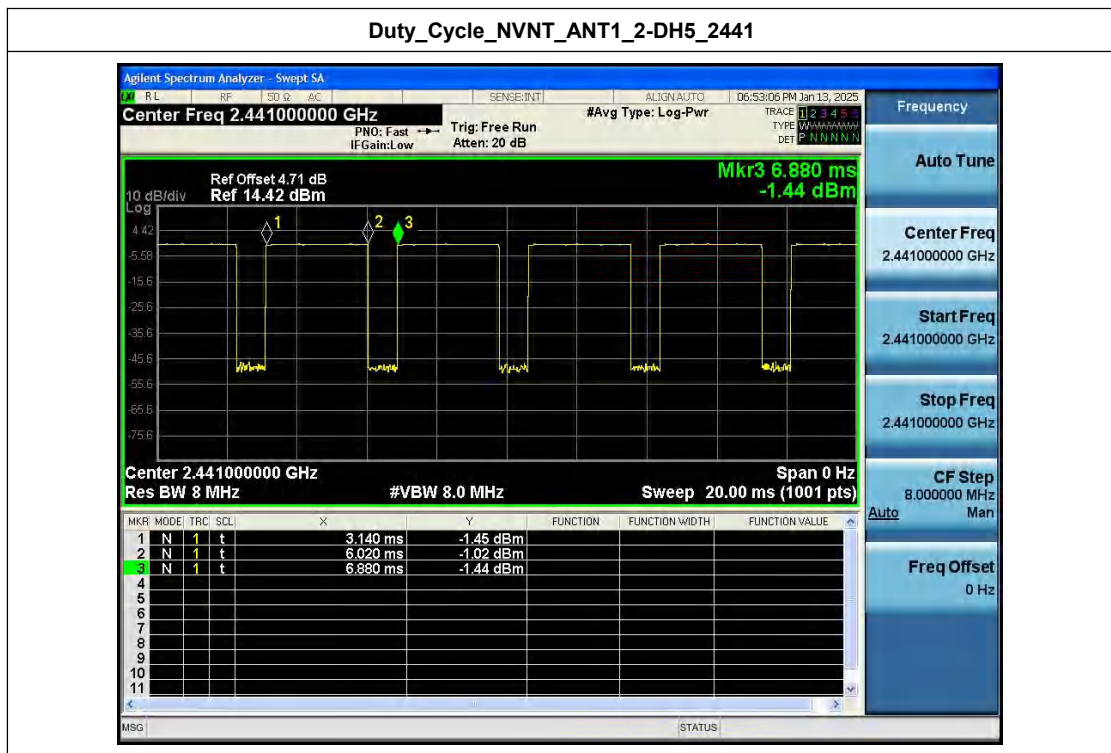
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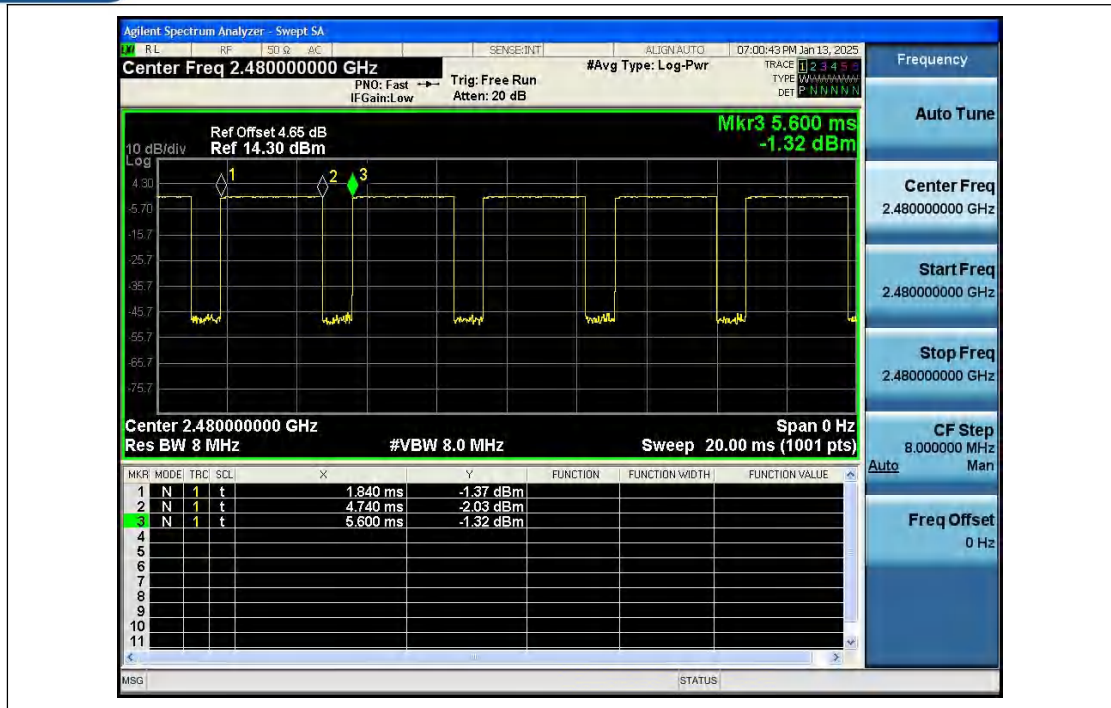
Duty_Cycle_NVNT_ANT1_2-DH5_2402



Duty_Cycle_NVNT_ANT1_2-DH5_2441



Duty_Cycle_NVNT_ANT1_2-DH5_2480



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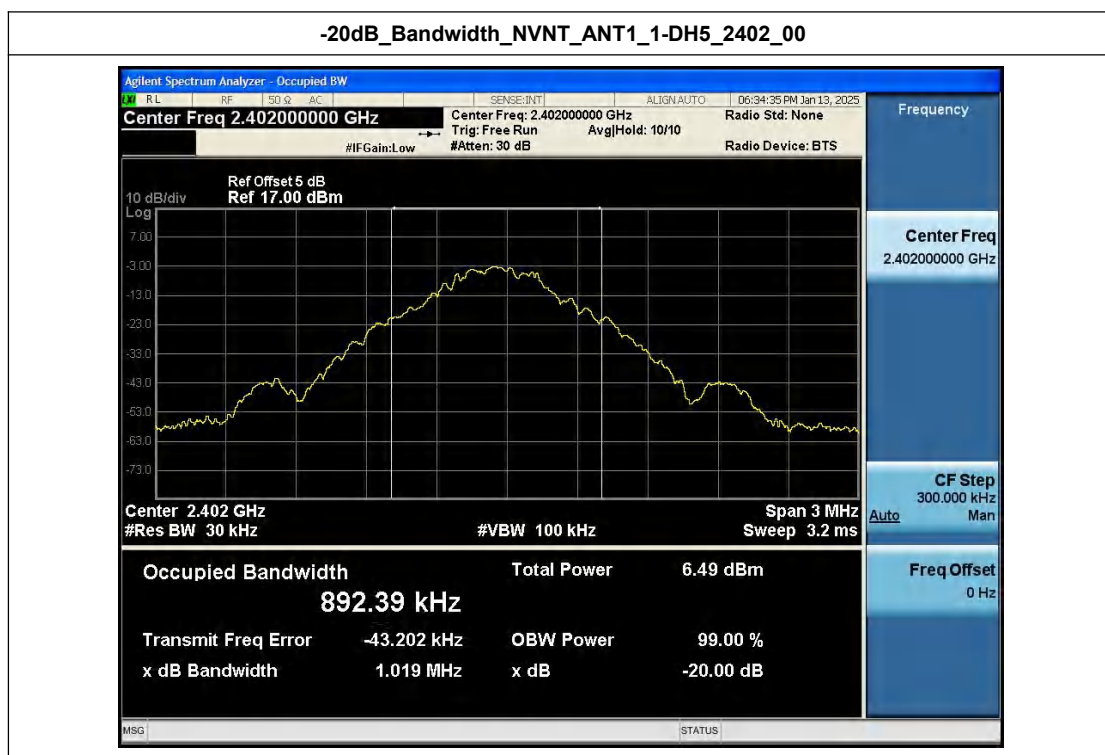
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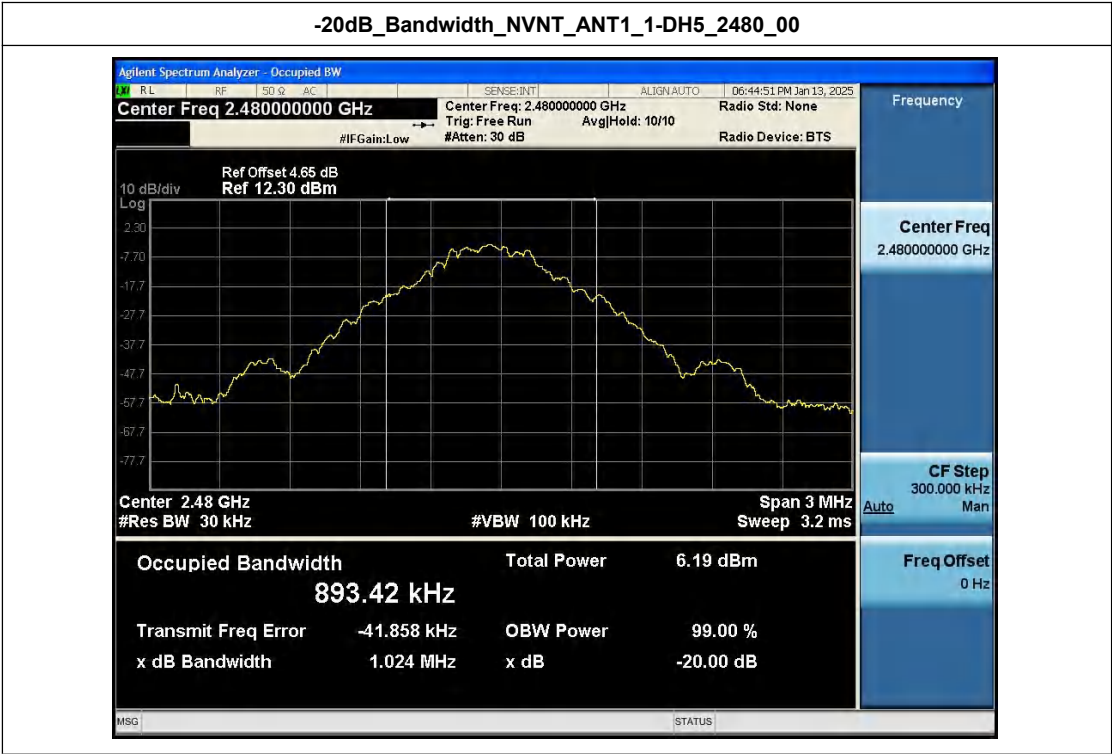
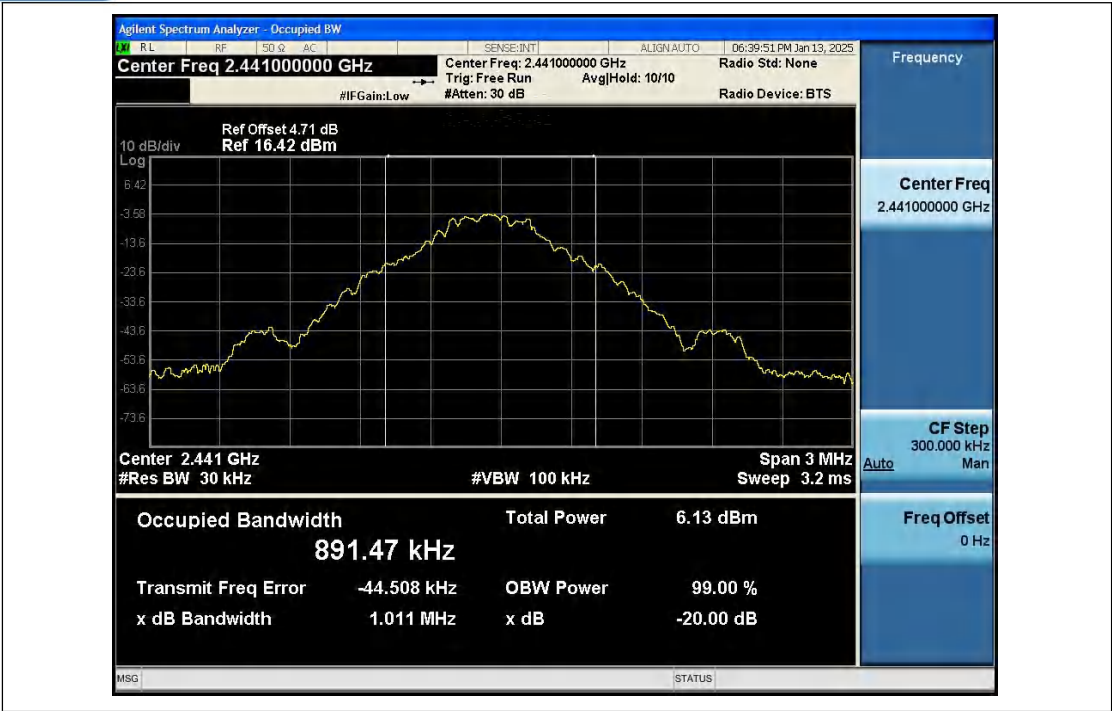
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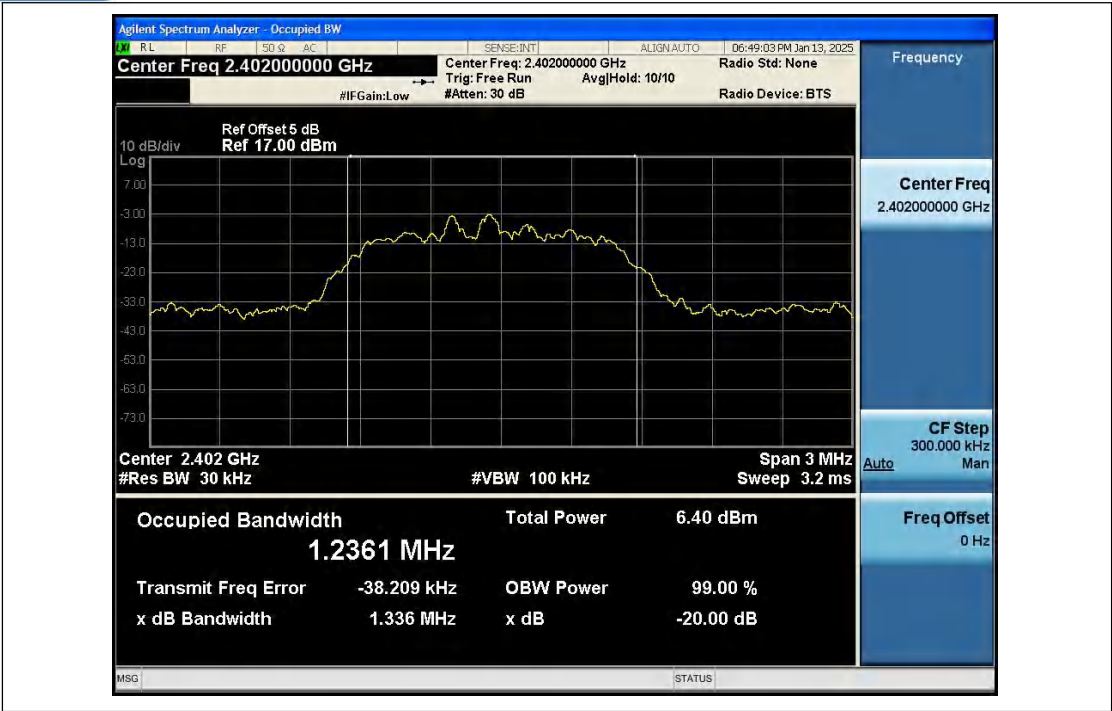
Appendix B: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.019	Yes
NVNT	ANT1	1-DH5	2441.00	1.011	Yes
NVNT	ANT1	1-DH5	2480.00	1.024	Yes
NVNT	ANT1	2-DH5	2402.00	1.336	Yes
NVNT	ANT1	2-DH5	2441.00	1.321	Yes
NVNT	ANT1	2-DH5	2480.00	1.319	Yes

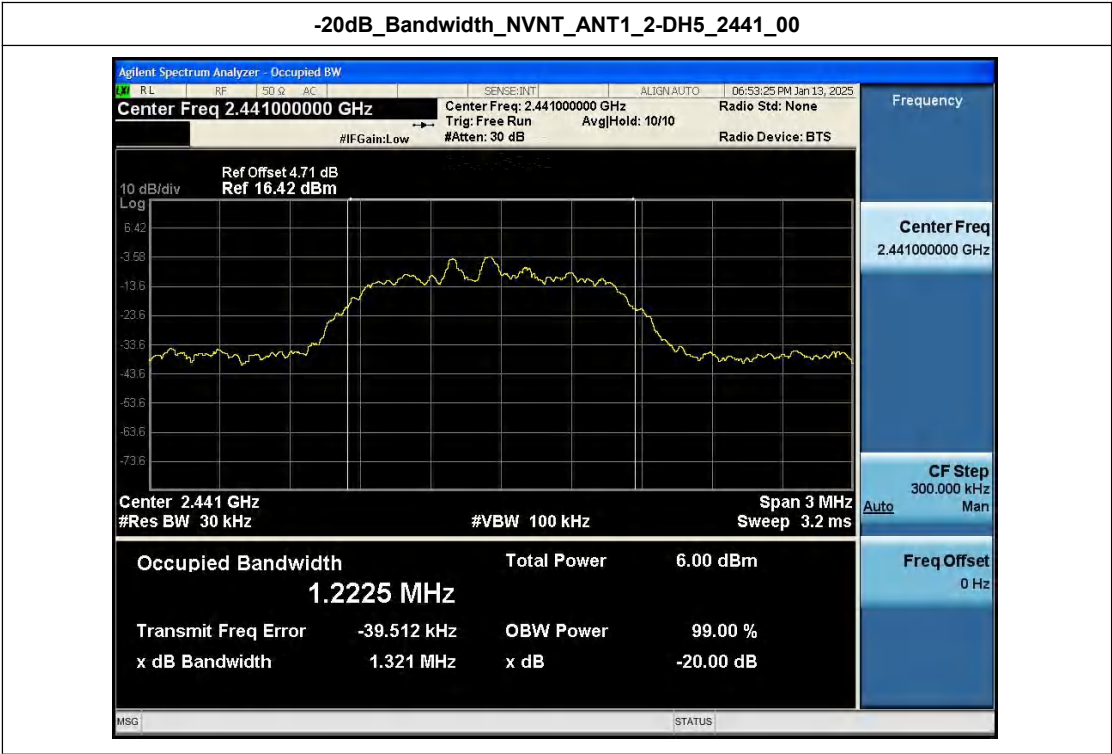


-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441_00

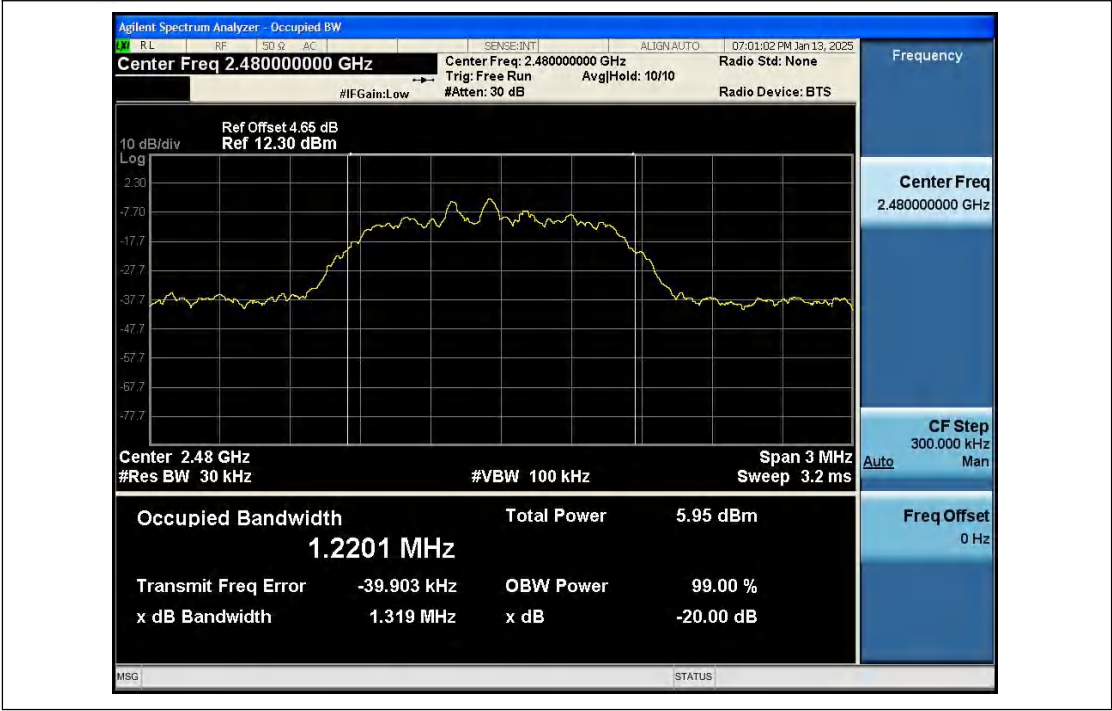




-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00



-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00



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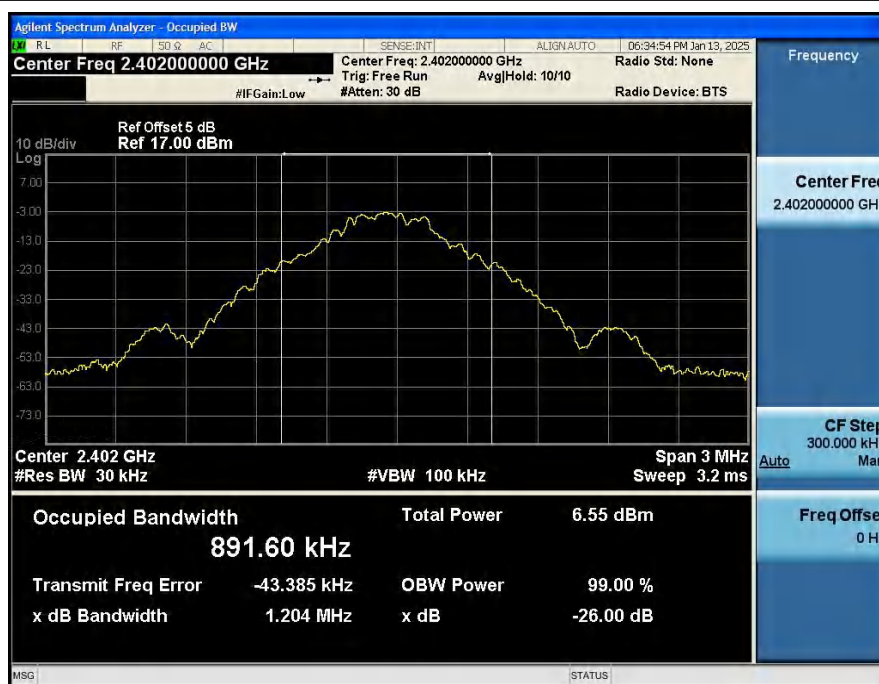
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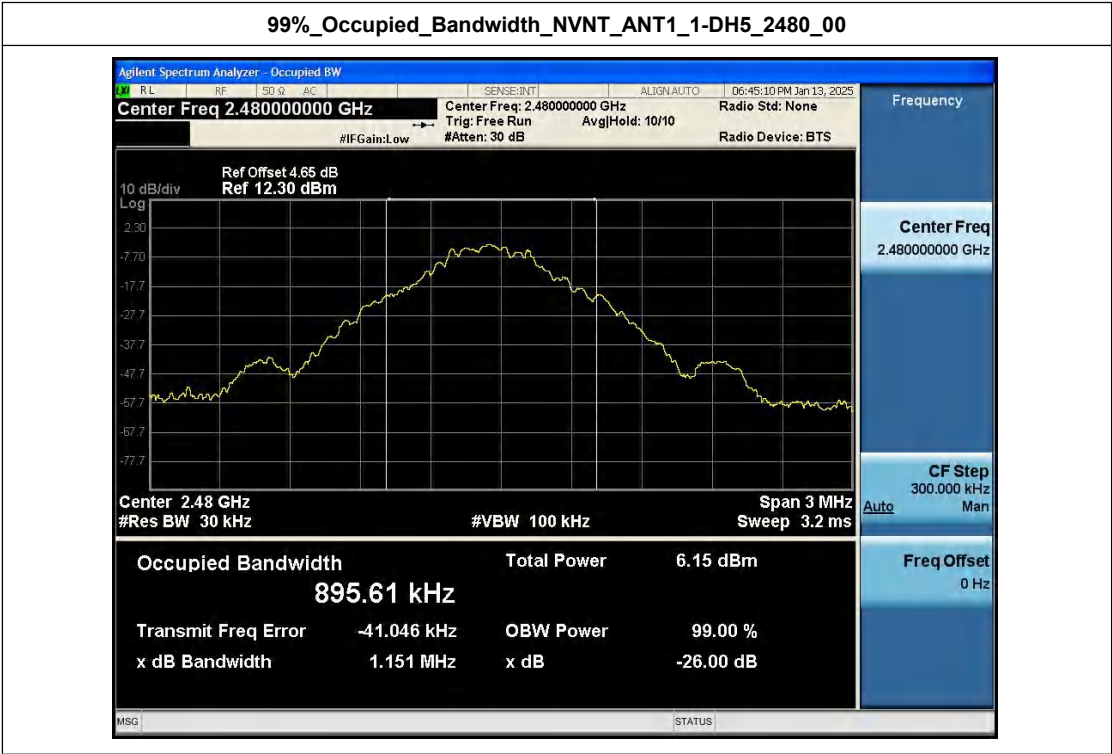
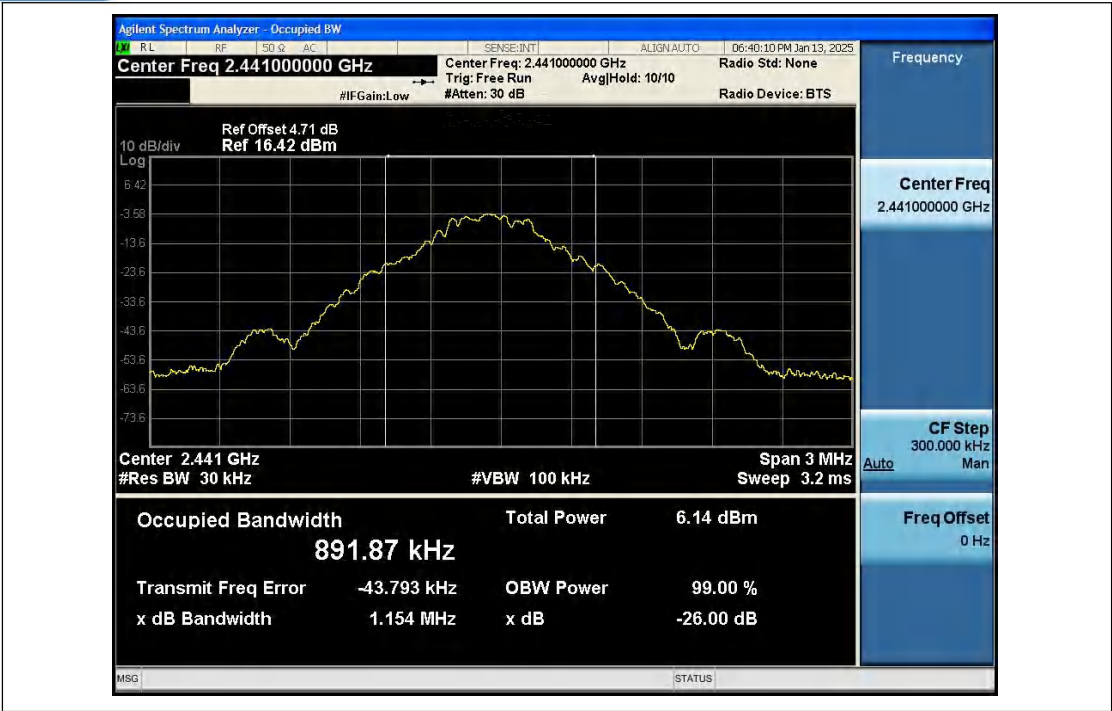
Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH5	2402.00	0.892
NVNT	ANT1	1-DH5	2441.00	0.892
NVNT	ANT1	1-DH5	2480.00	0.896
NVNT	ANT1	2-DH5	2402.00	1.238
NVNT	ANT1	2-DH5	2441.00	1.226
NVNT	ANT1	2-DH5	2480.00	1.224

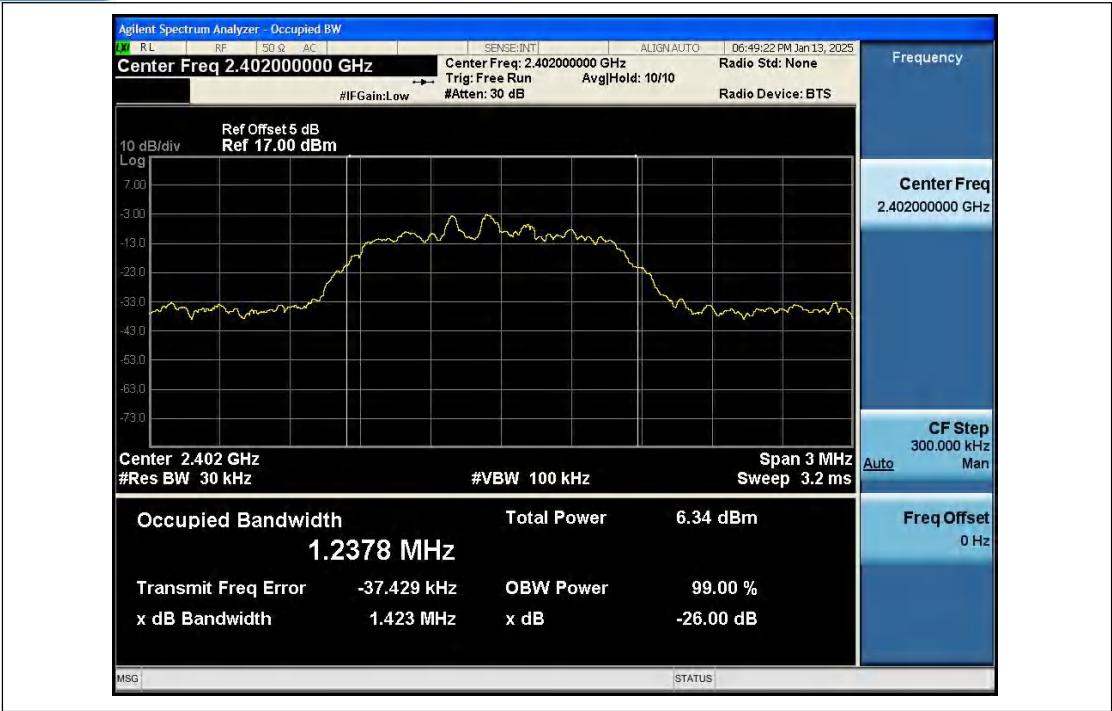
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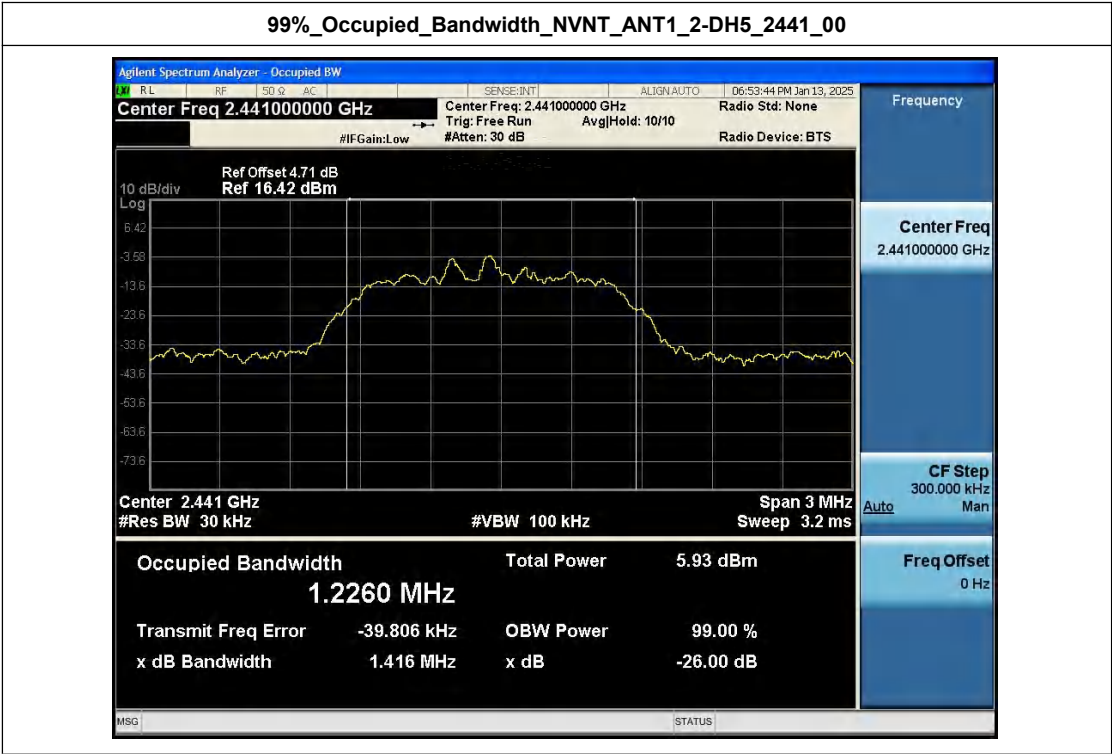
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00



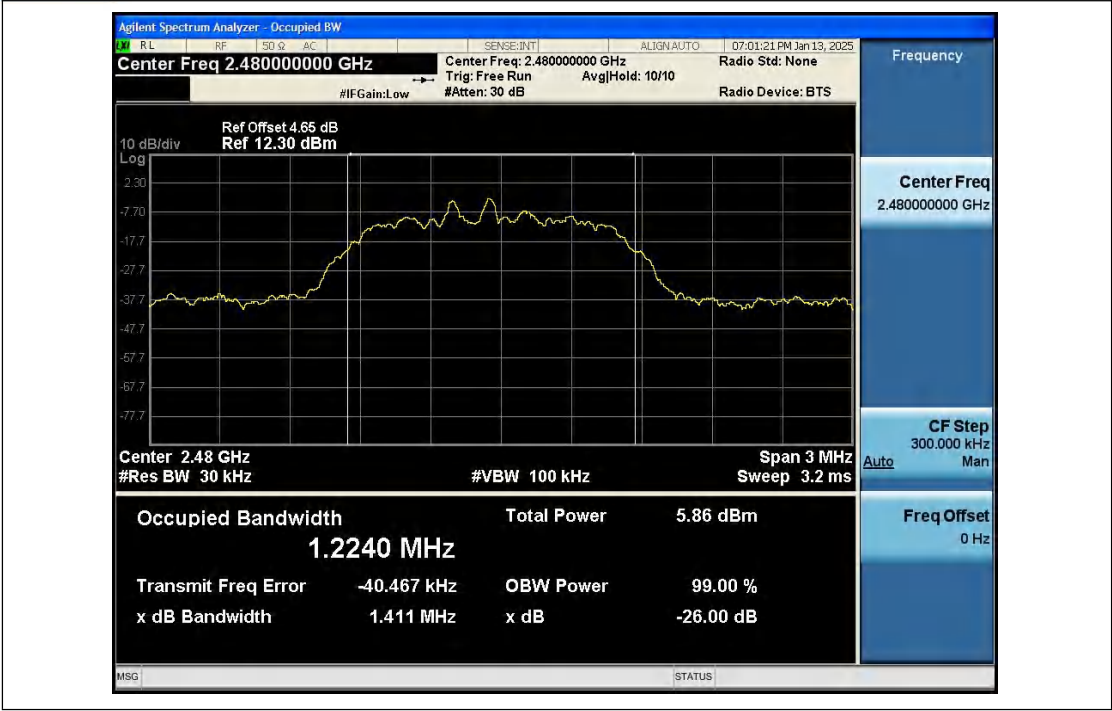
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00



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Appendix D: 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	-0.77	0.84	125	Pass
NVNT	ANT1	1-DH5	2441.00	-1.35	0.73	125	Pass
NVNT	ANT1	1-DH5	2480.00	-1.26	0.75	125	Pass
NVNT	ANT1	2-DH5	2402.00	-0.28	0.94	125	Pass
NVNT	ANT1	2-DH5	2441.00	-0.85	0.82	125	Pass
NVNT	ANT1	2-DH5	2480.00	-0.75	0.84	125	Pass

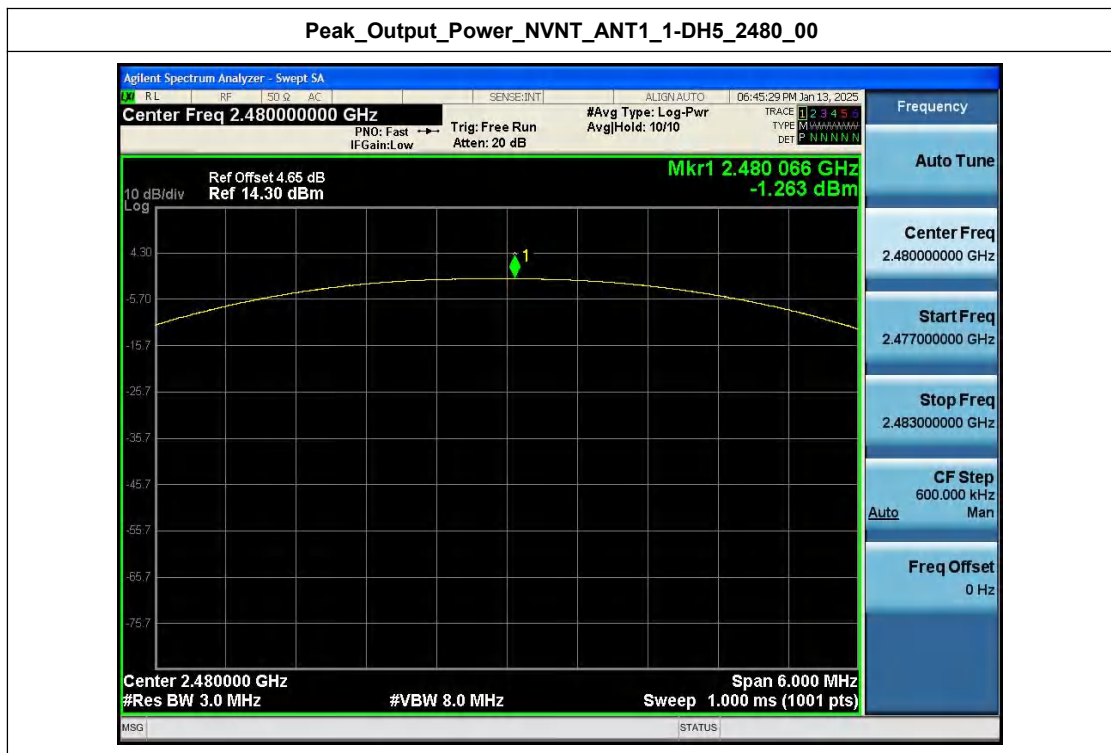
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Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00



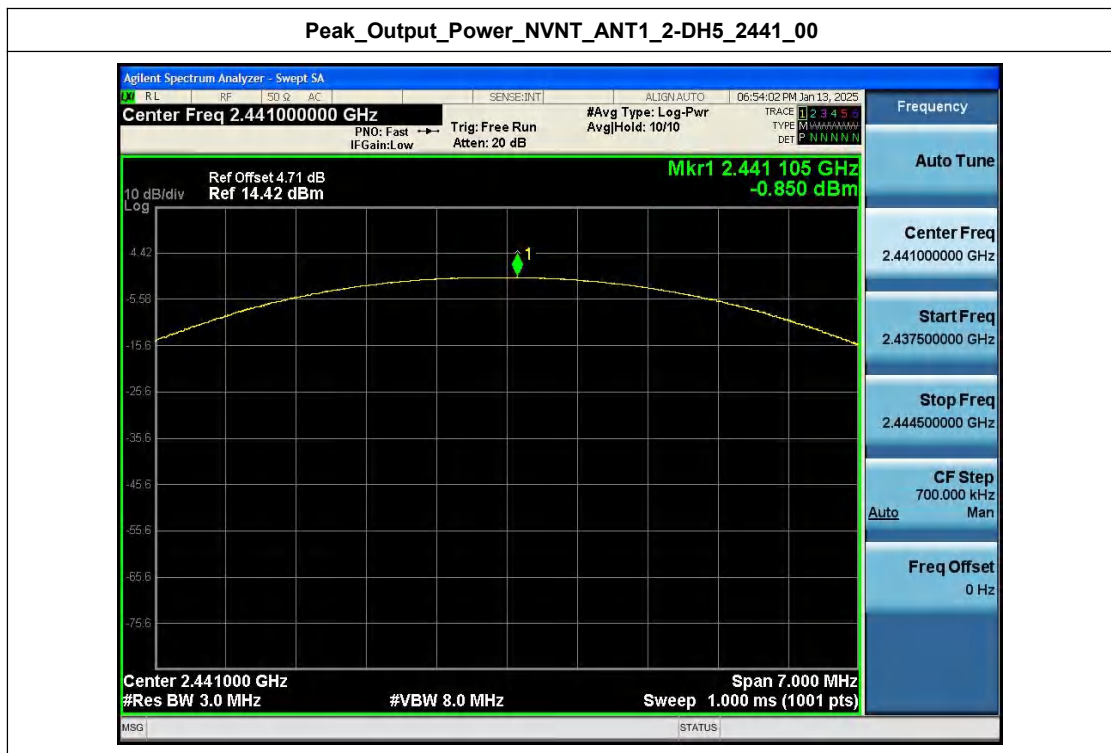
Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00



Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00



Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00



Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00





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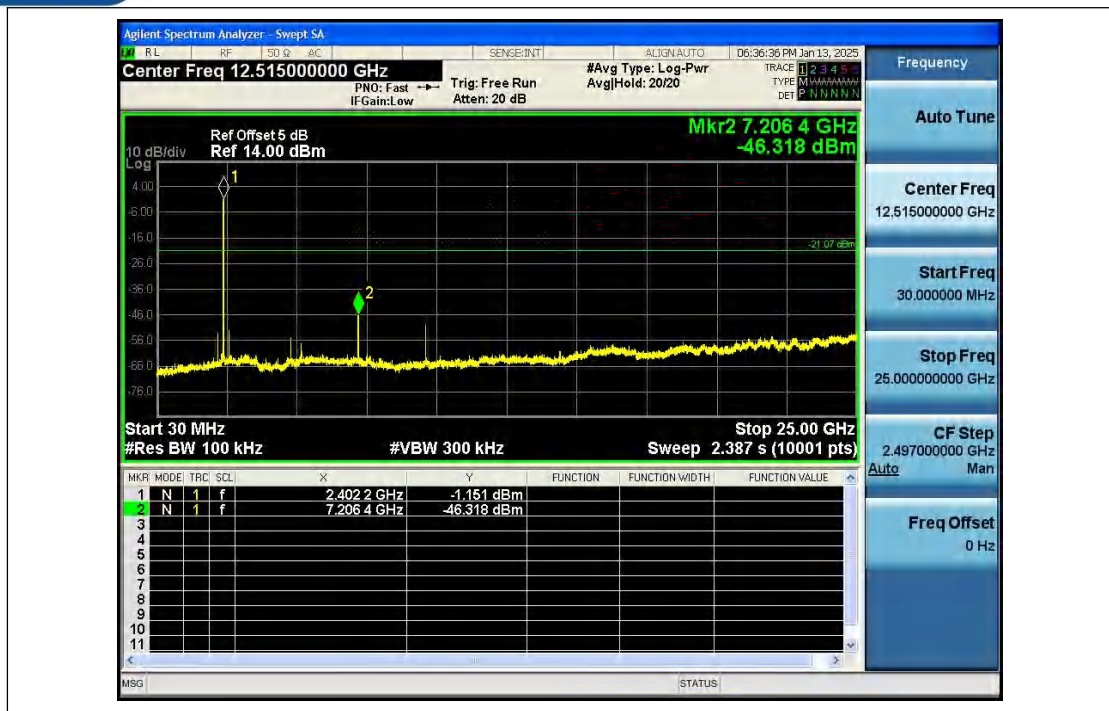
Appendix E: Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-1.066	-46.318	-21.066	Pass
NVNT	ANT1	1-DH5	2441.00	-1.515	-46.117	-21.515	Pass
NVNT	ANT1	1-DH5	2480.00	-1.556	-48.450	-21.556	Pass
NVNT	ANT1	2-DH5	2402.00	-0.943	-45.837	-20.943	Pass
NVNT	ANT1	2-DH5	2441.00	-1.447	-48.899	-21.447	Pass
NVNT	ANT1	2-DH5	2480.00	-1.408	-48.627	-21.408	Pass

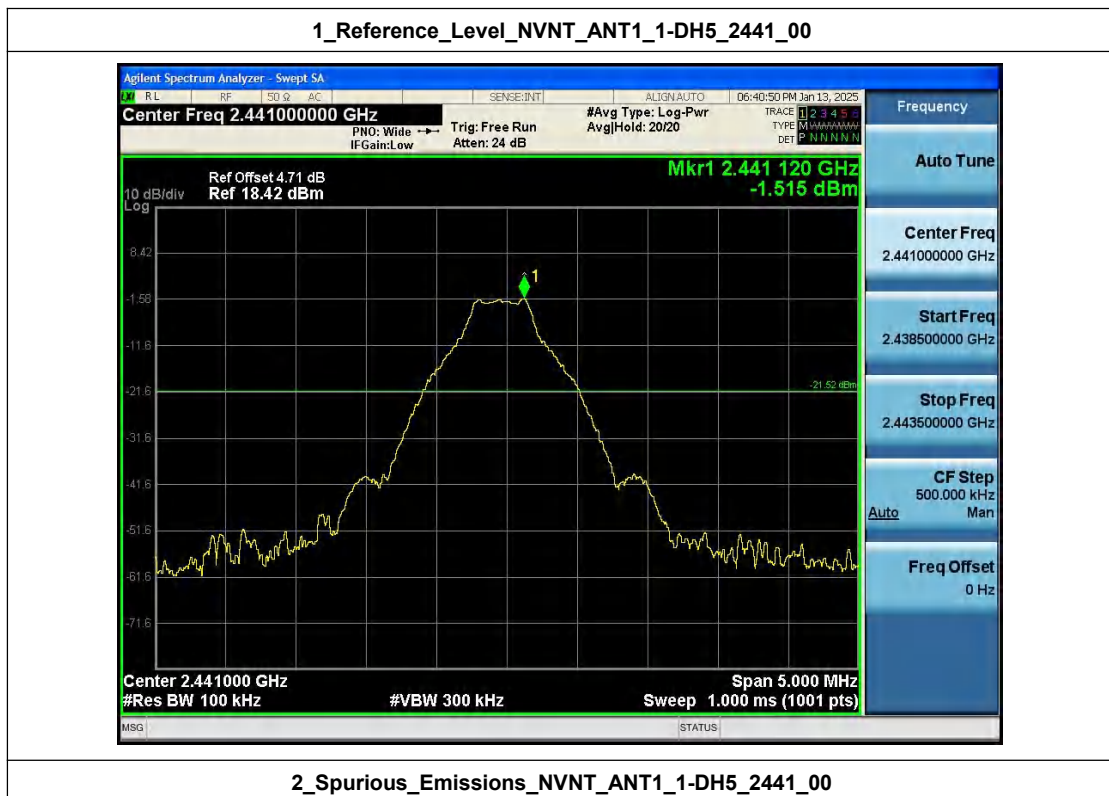
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2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



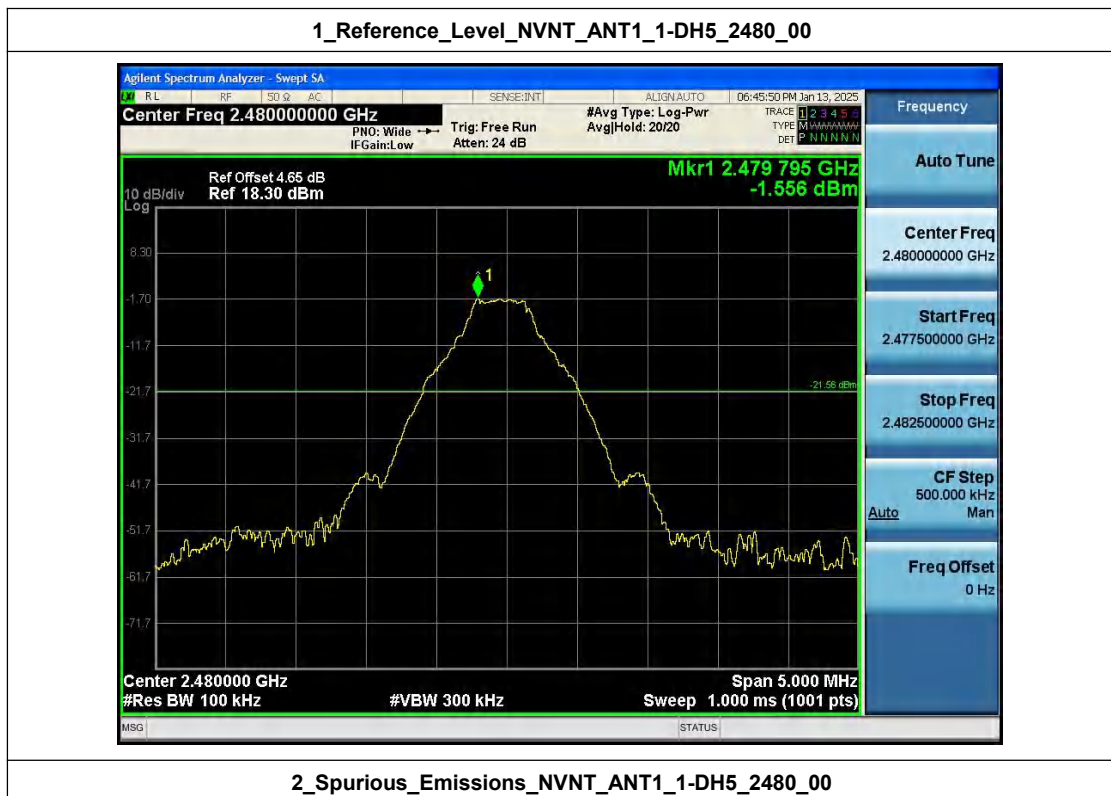
1_Reference_Level_NVNT_ANT1_1-DH5_2441_00



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



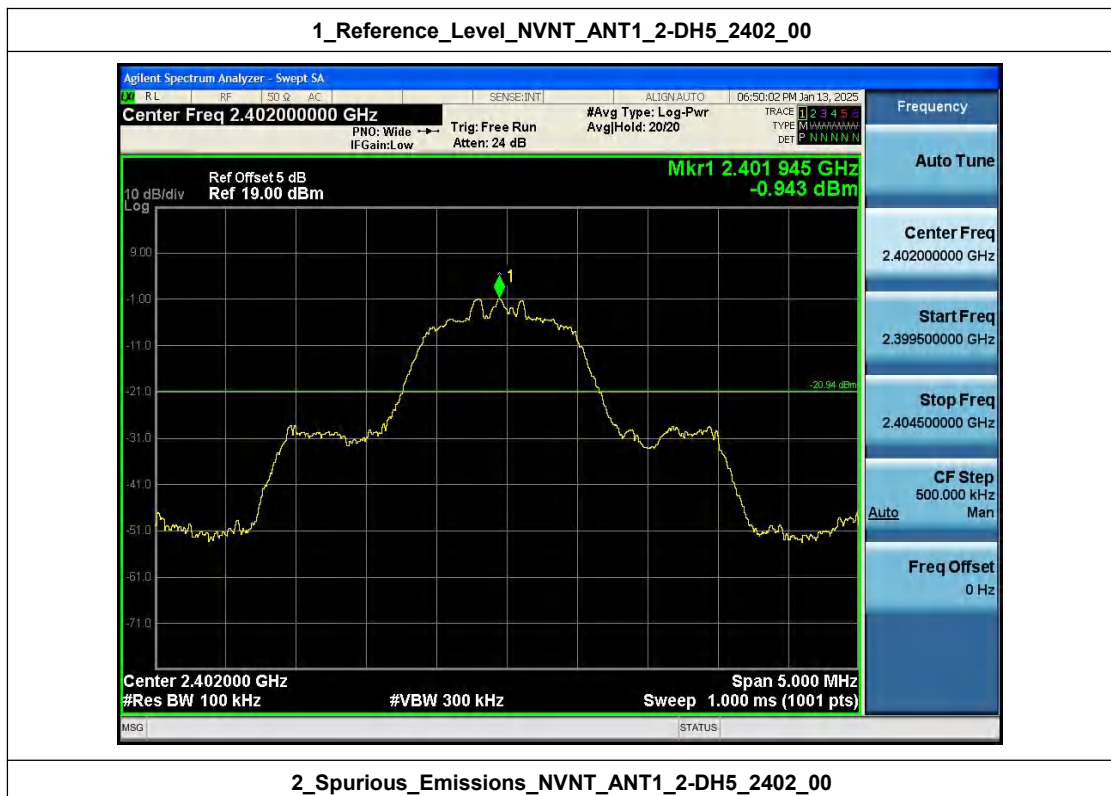
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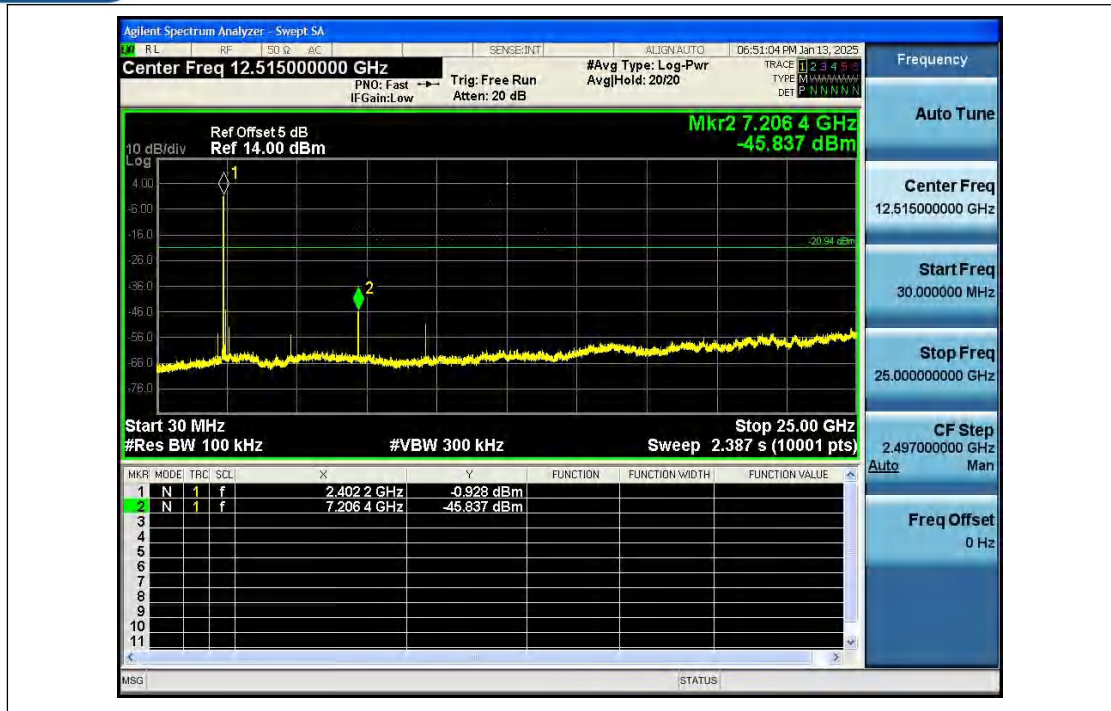
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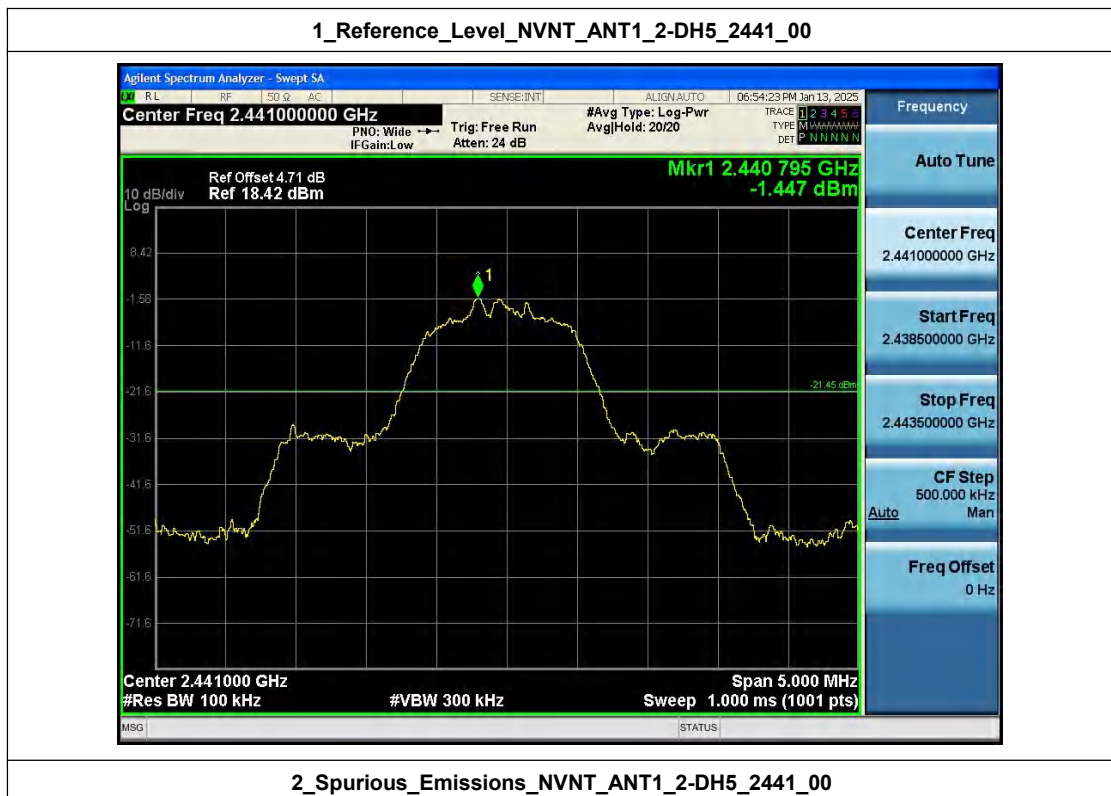
1_Reference_Level_NVNT_ANT1_2-DH5_2402_00



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



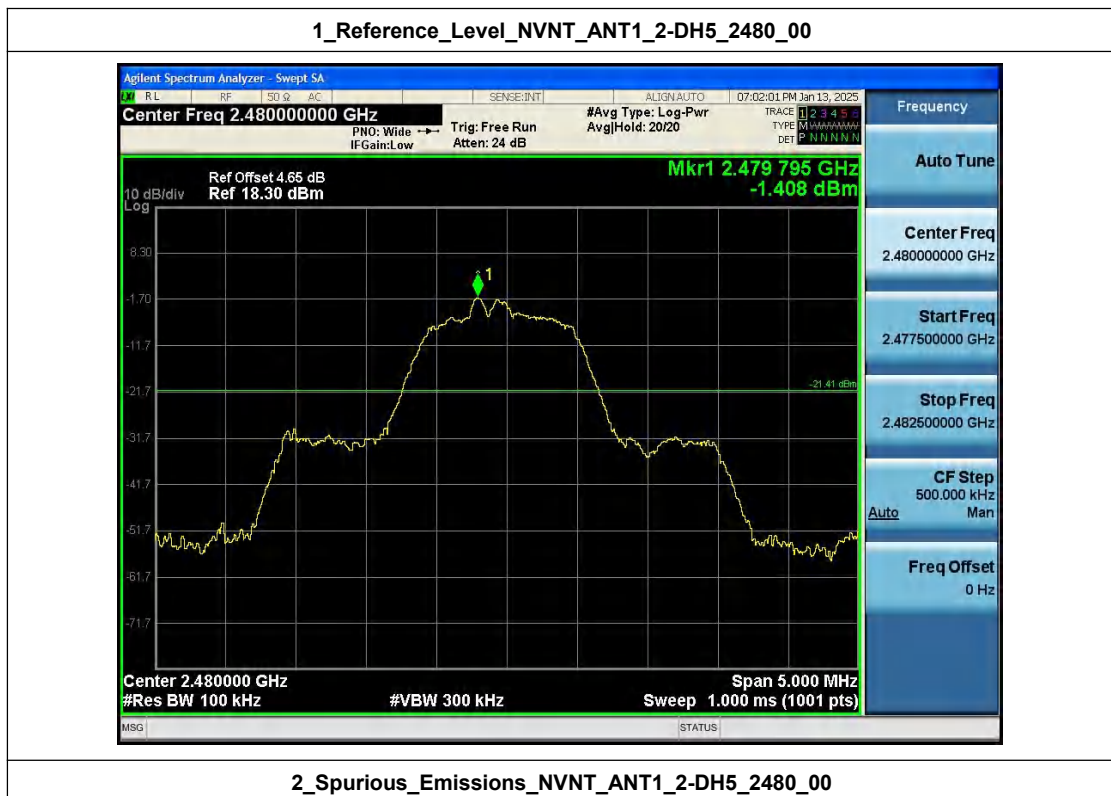
1_Reference_Level_NVNT_ANT1_2-DH5_2441_00



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



1_Reference_Level_NVNT_ANT1_2-DH5_2480_00



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00



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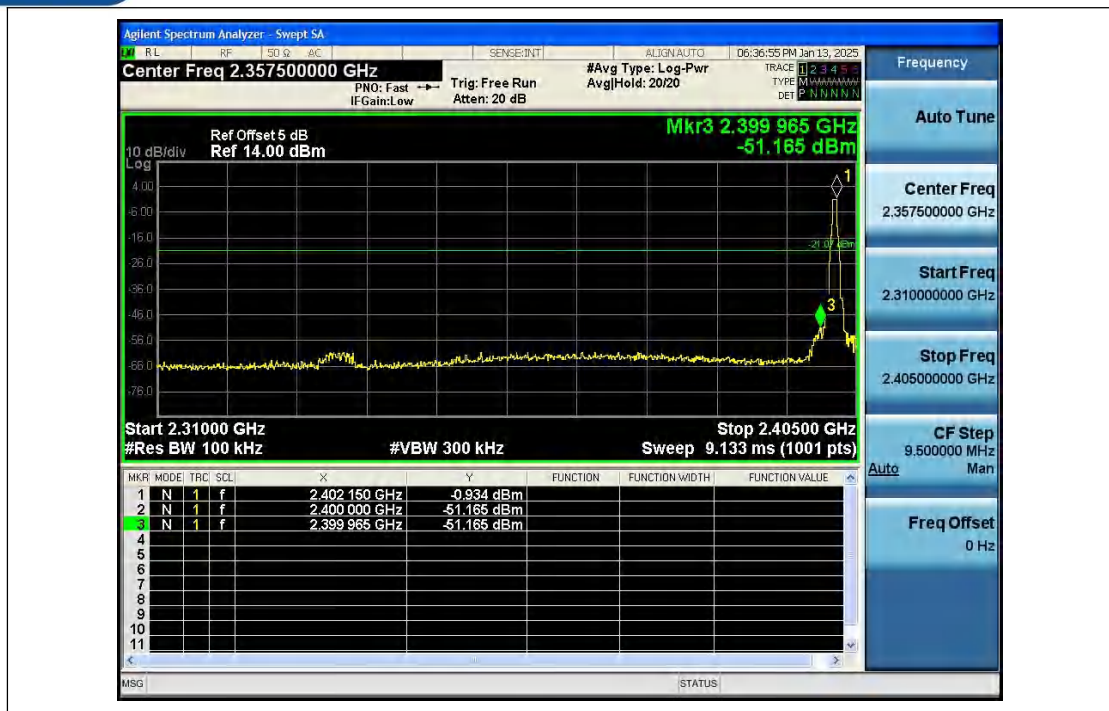
Appendix F: Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-1.066	-51.165	-21.066	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-0.915	-60.352	-20.915	Pass
NVNT	ANT1	1-DH5	2480.00	-1.556	-55.089	-21.556	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-1.352	-58.168	-21.352	Pass
NVNT	ANT1	2-DH5	2402.00	-0.943	-47.590	-20.943	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-1.008	-51.861	-21.008	Pass
NVNT	ANT1	2-DH5	2480.00	-1.408	-61.755	-21.408	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-1.421	-60.630	-21.421	Pass

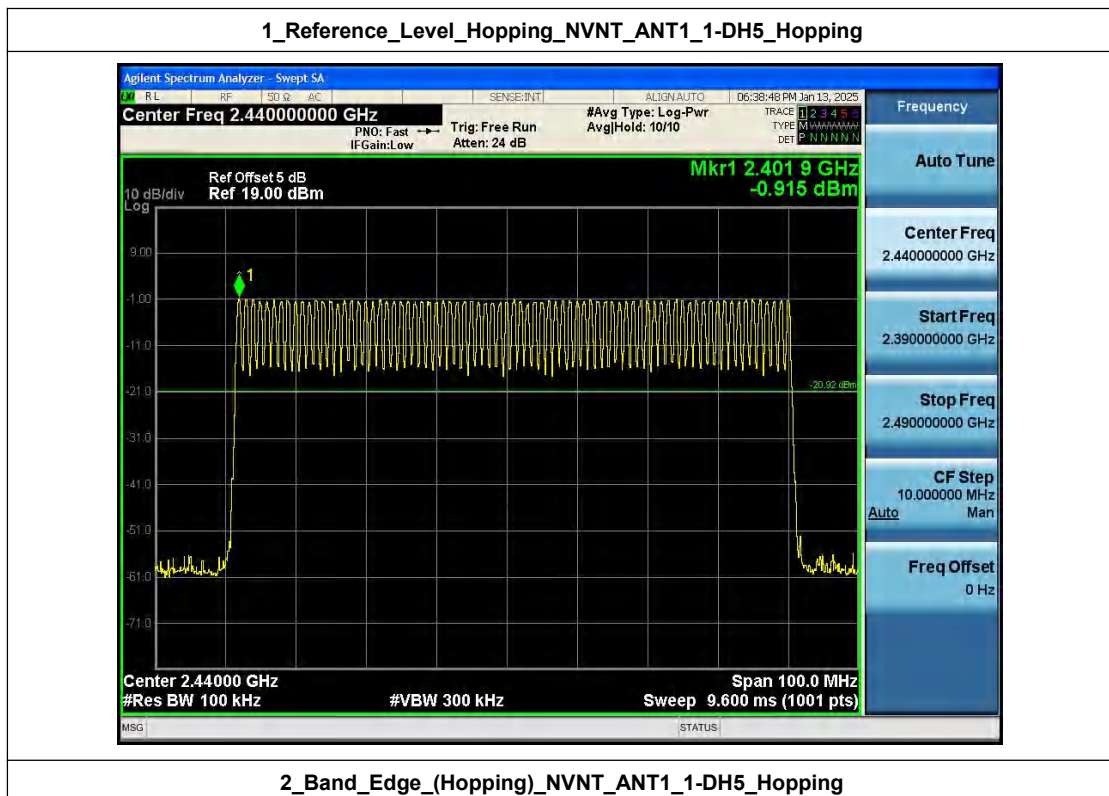
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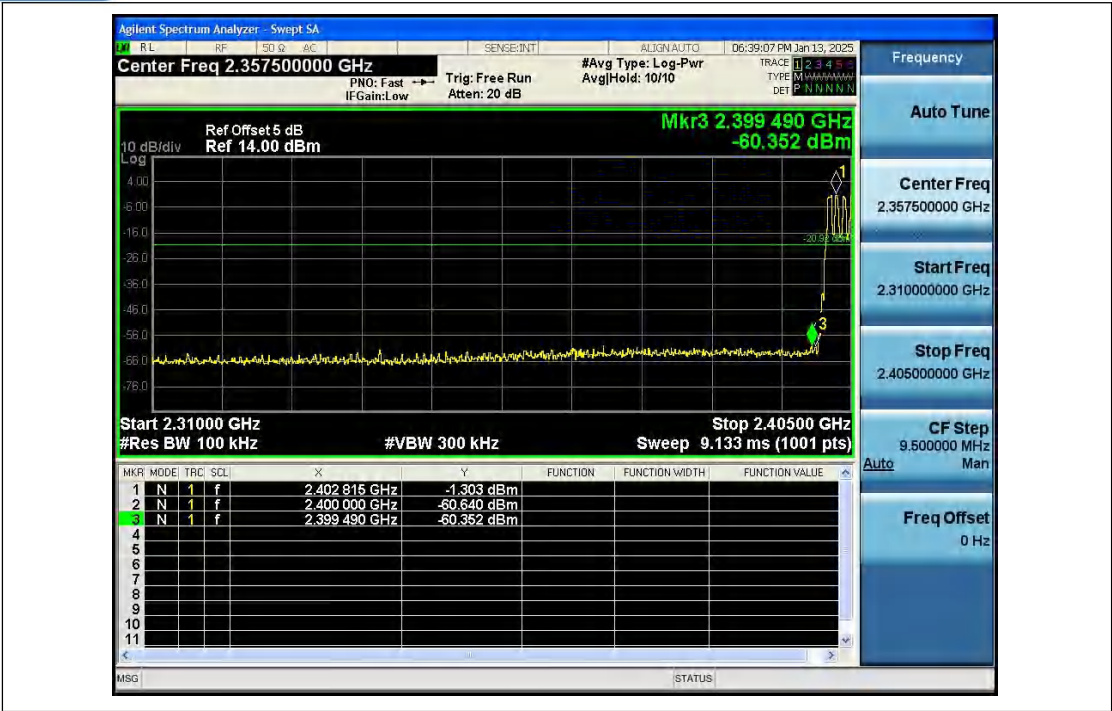
2_Bandedge_NVNT_ANT1_1-DH5_2402_00



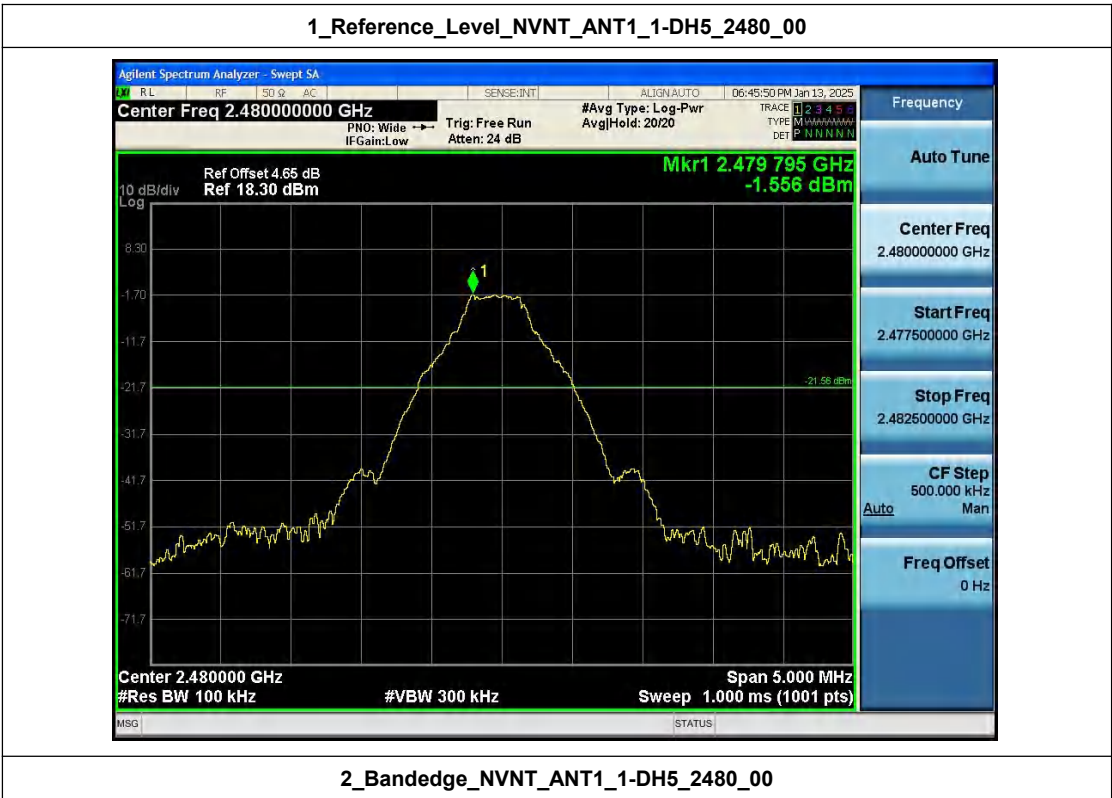
1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



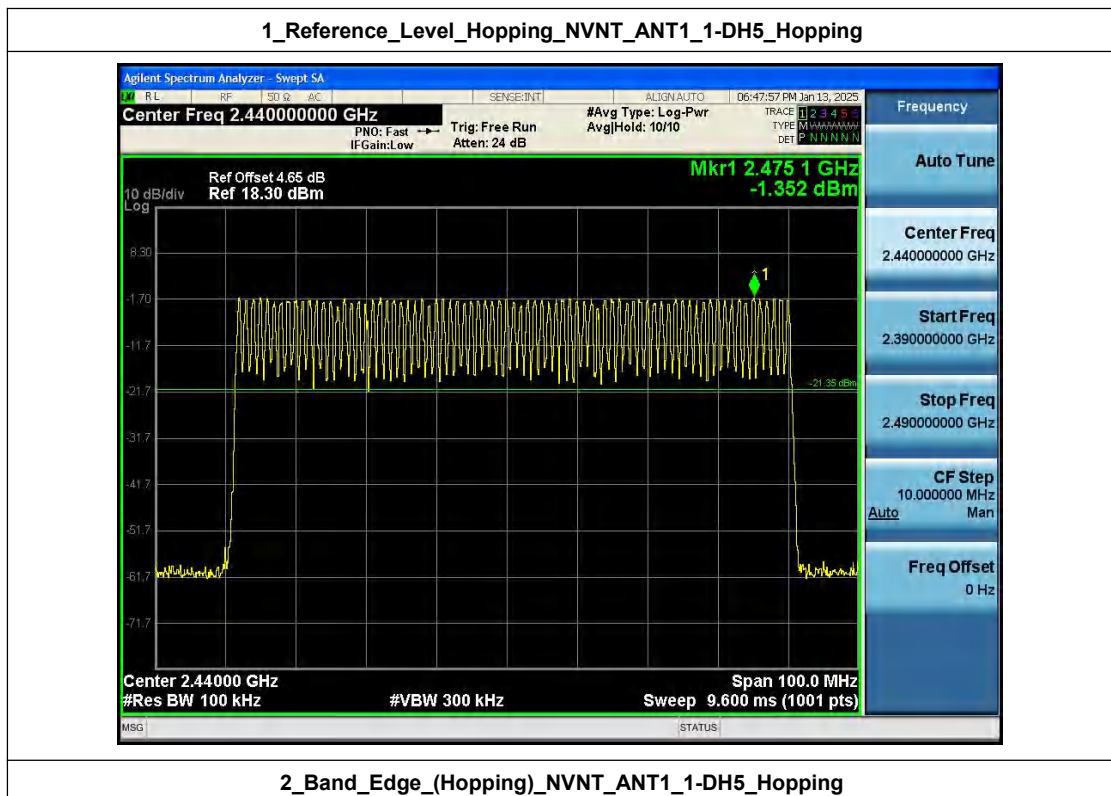
1_Reference_Level_NVNT_ANT1_1-DH5_2480_00



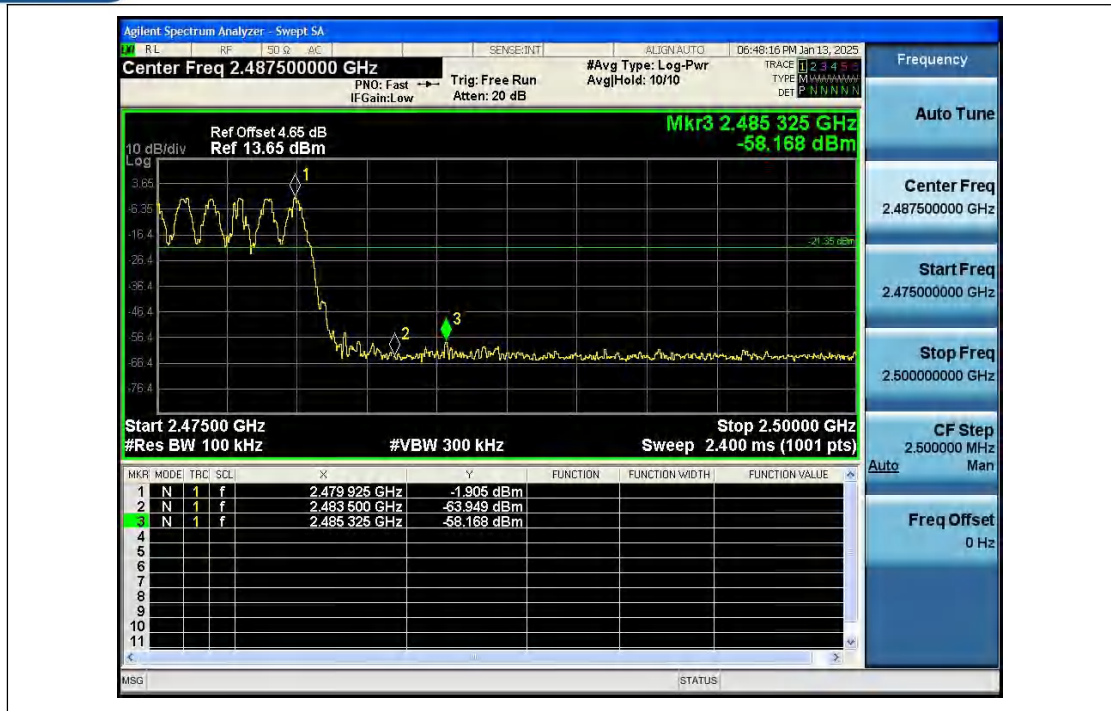
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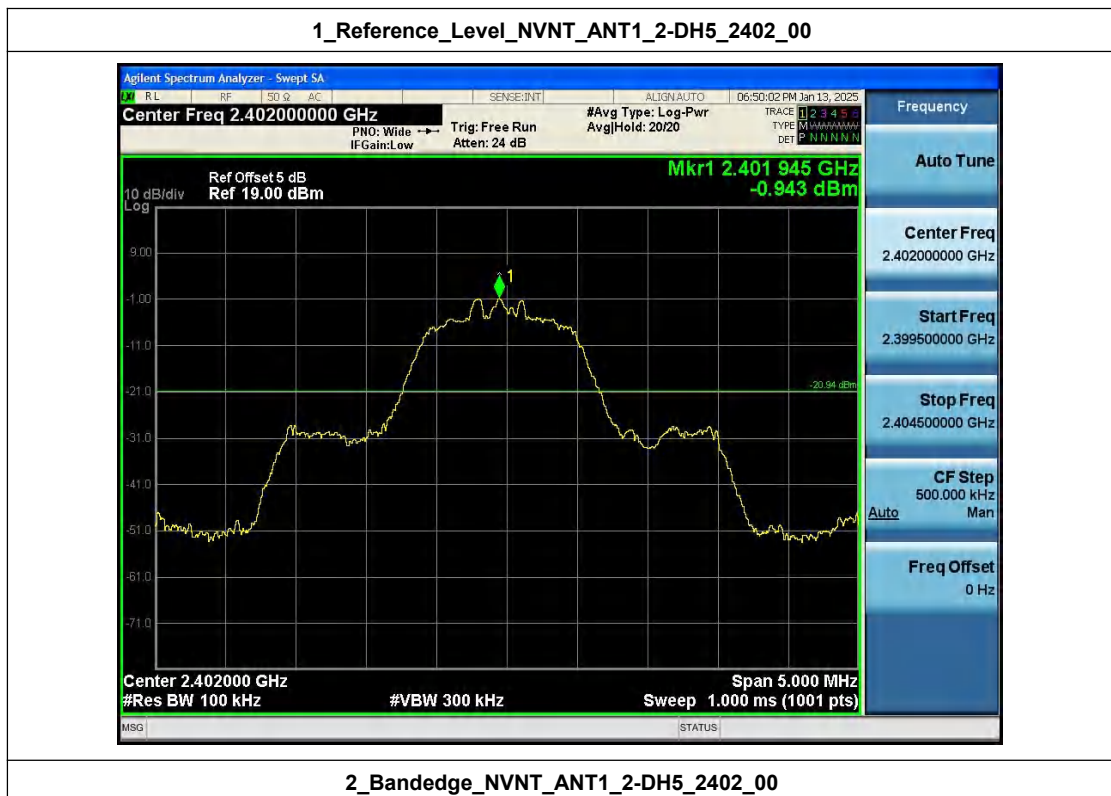
1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



1_Reference_Level_NVNT_ANT1_2-DH5_2402_00



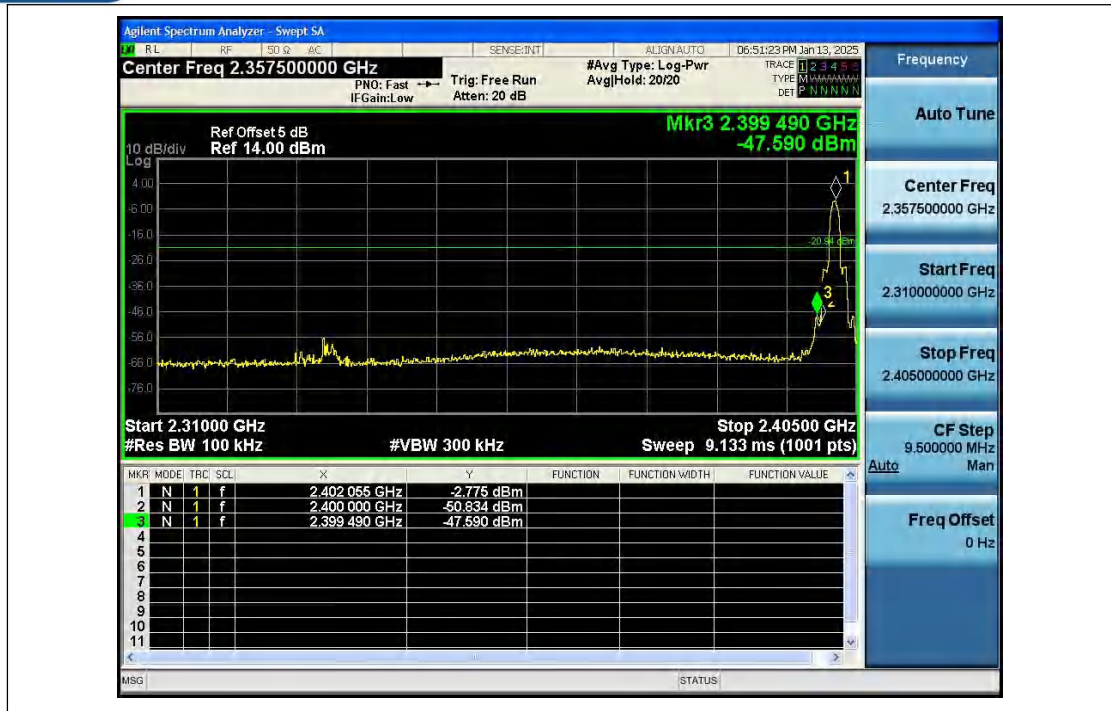
2_Bandedge_NVNT_ANT1_2-DH5_2402_00

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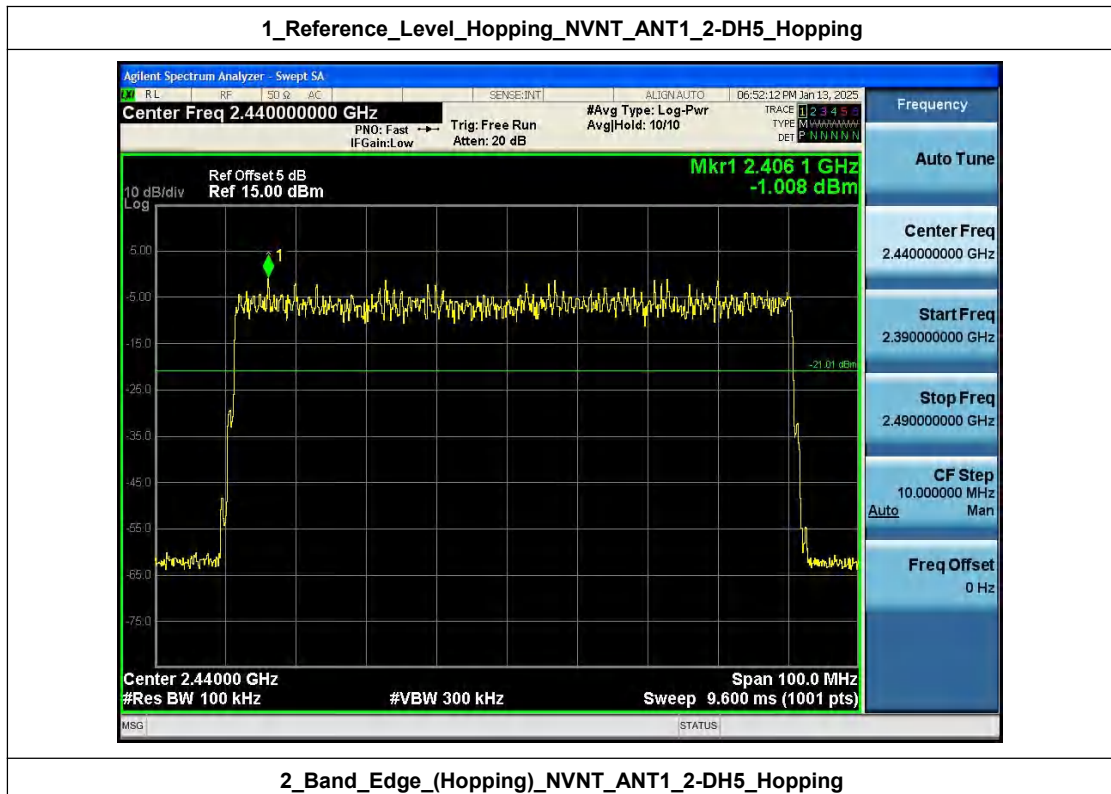
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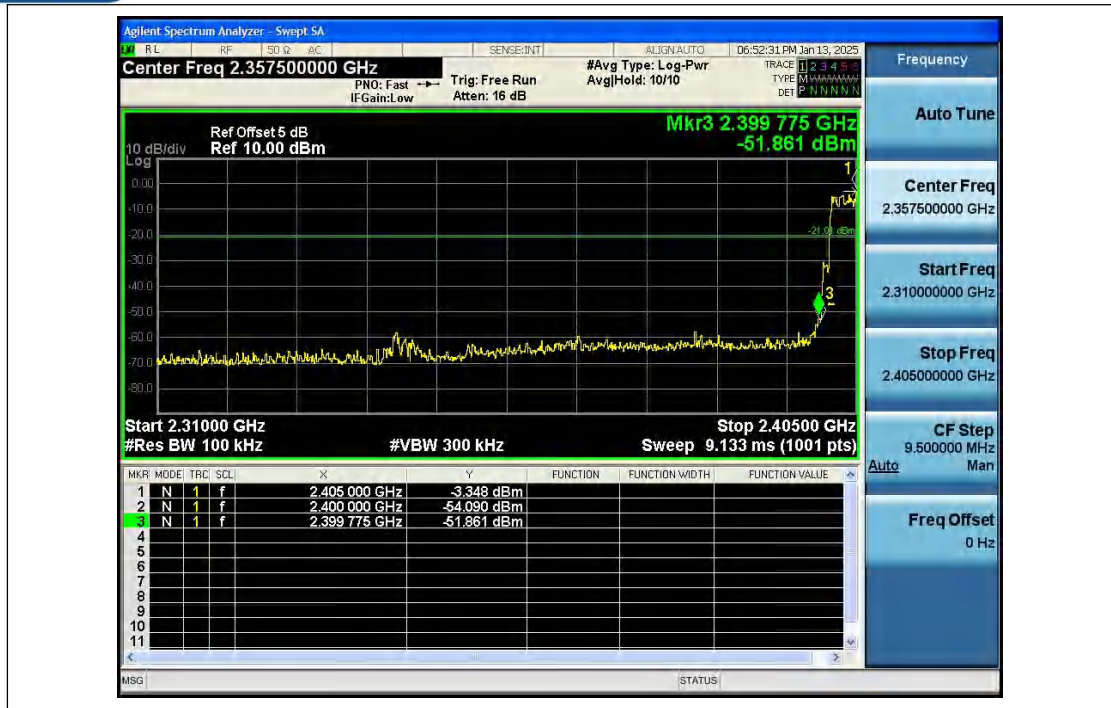
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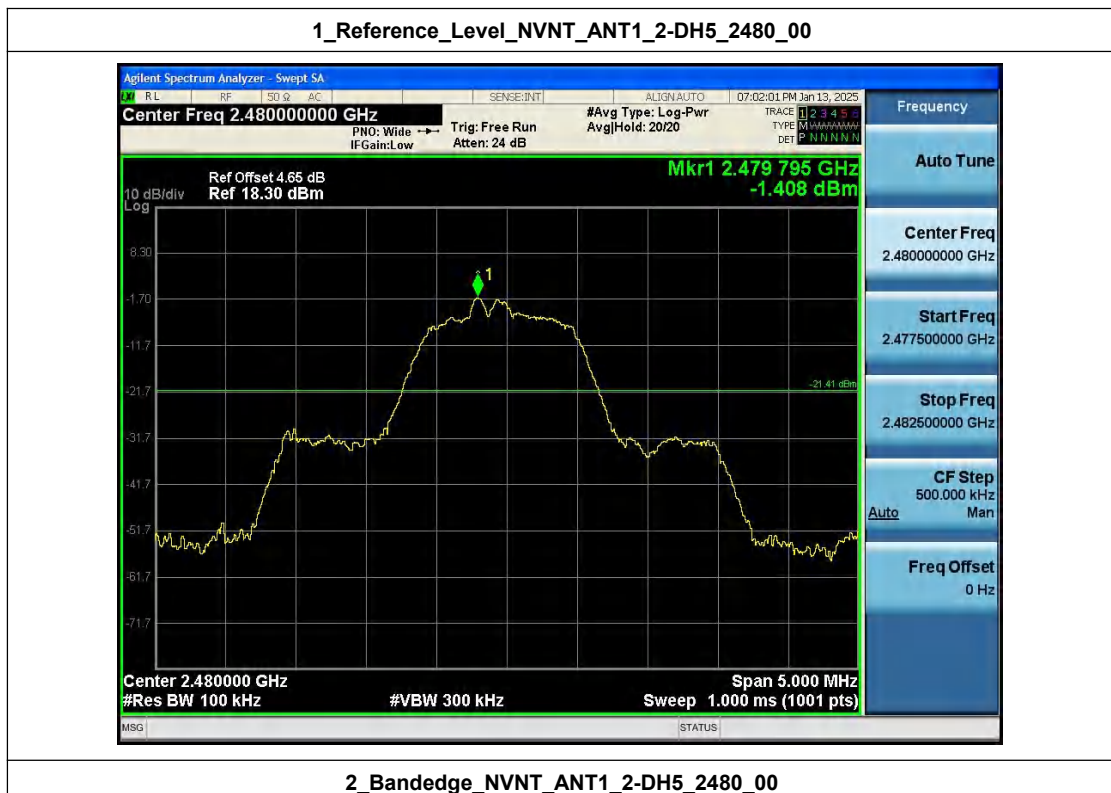
1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



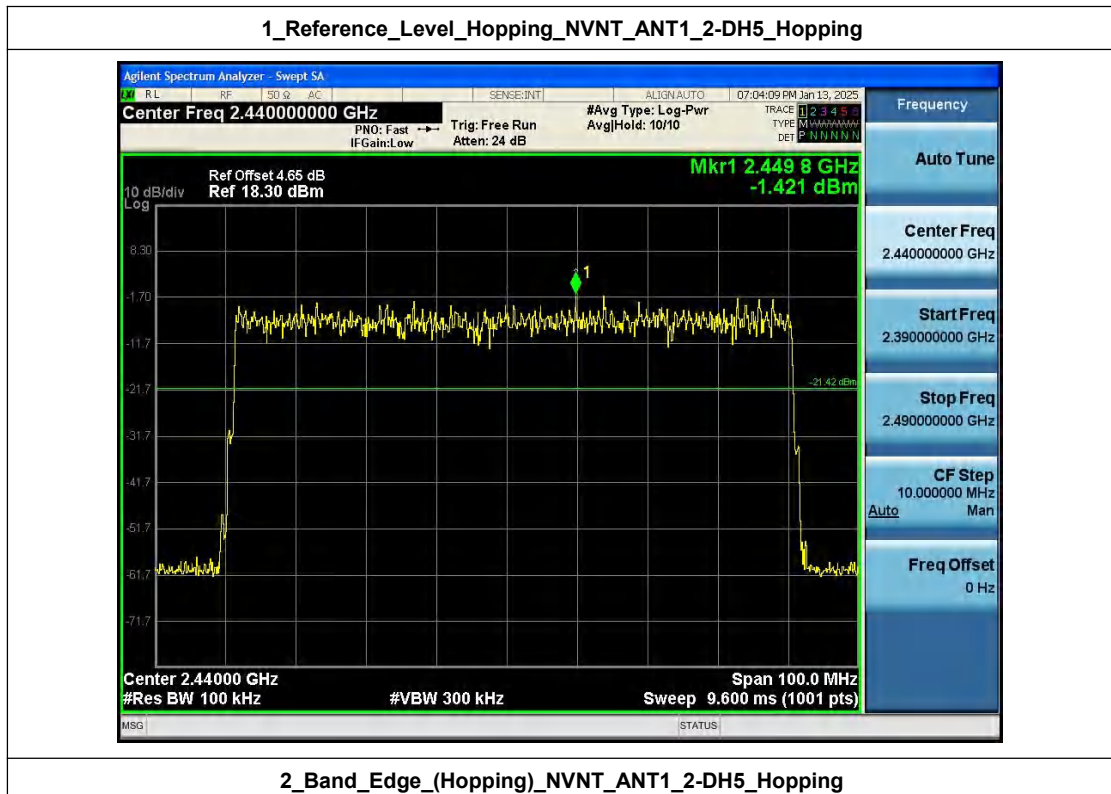
1_Reference_Level_NVNT_ANT1_2-DH5_2480_00



2_Bandedge_NVNT_ANT1_2-DH5_2480_00



1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



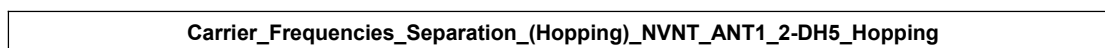
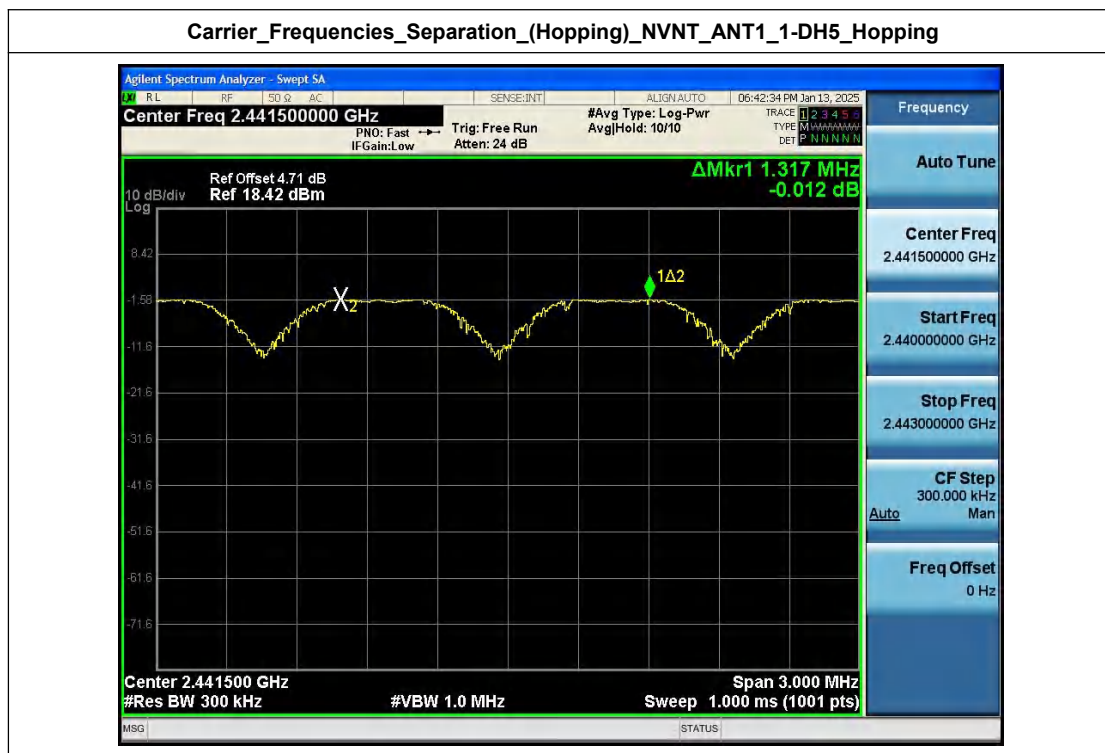
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Appendix G: Carrier Frequencies Separation (Hopping)

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	2440.786	2442.103	1.32	0.683	Pass
NVNT	ANT1	2-DH5	2441.00	2440.939	2442.094	1.16	0.891	Pass





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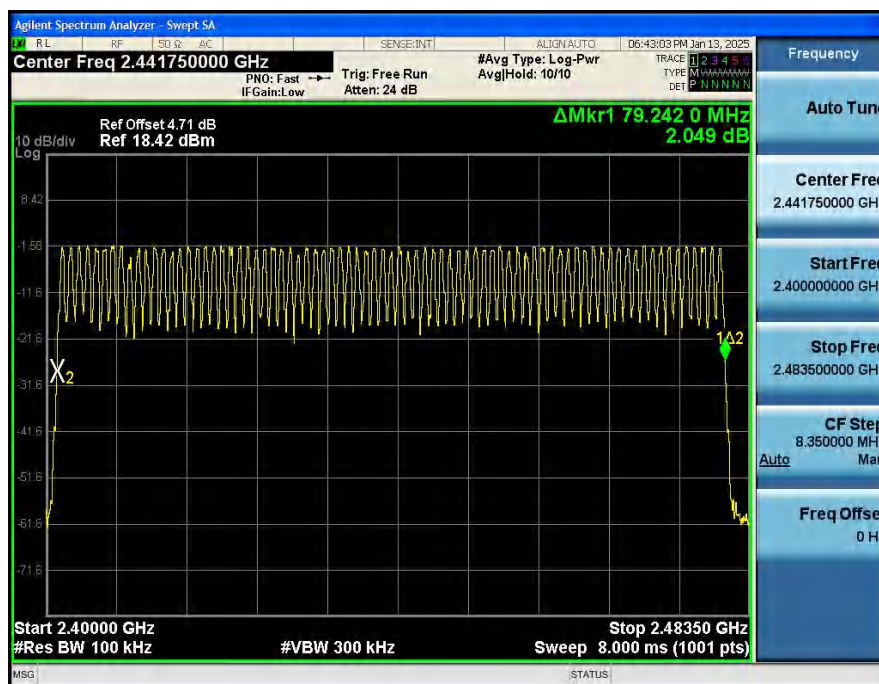


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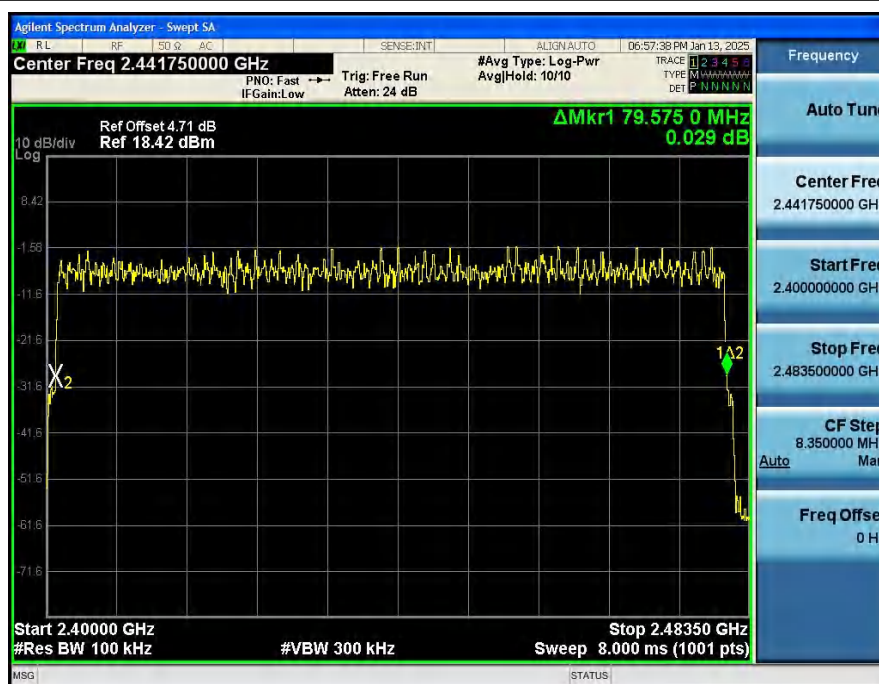
Appendix H: Number of Hopping Channel (Hopping)

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

Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_1-DH5_Hopping



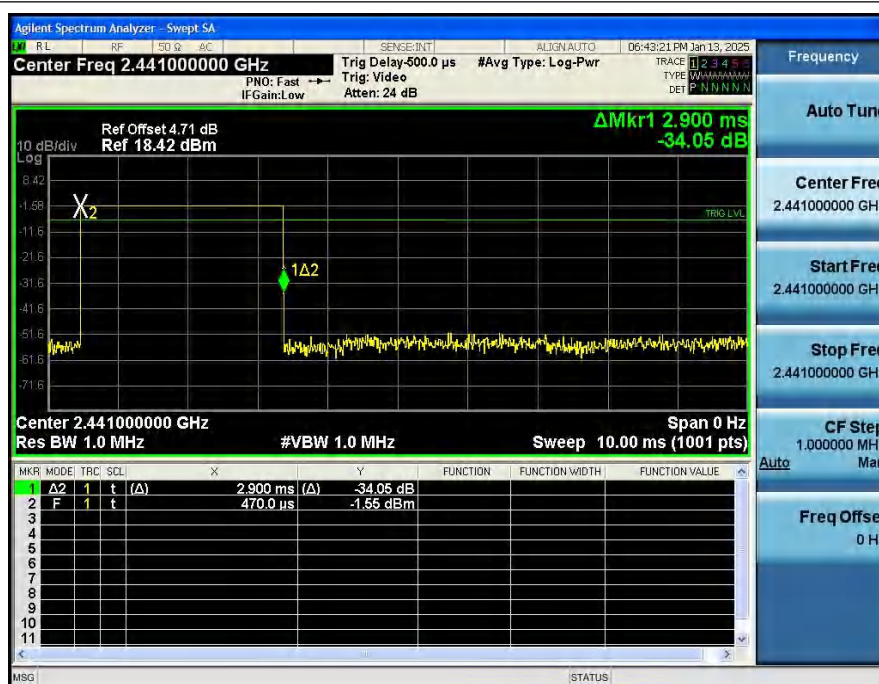
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-DH5_Hopping



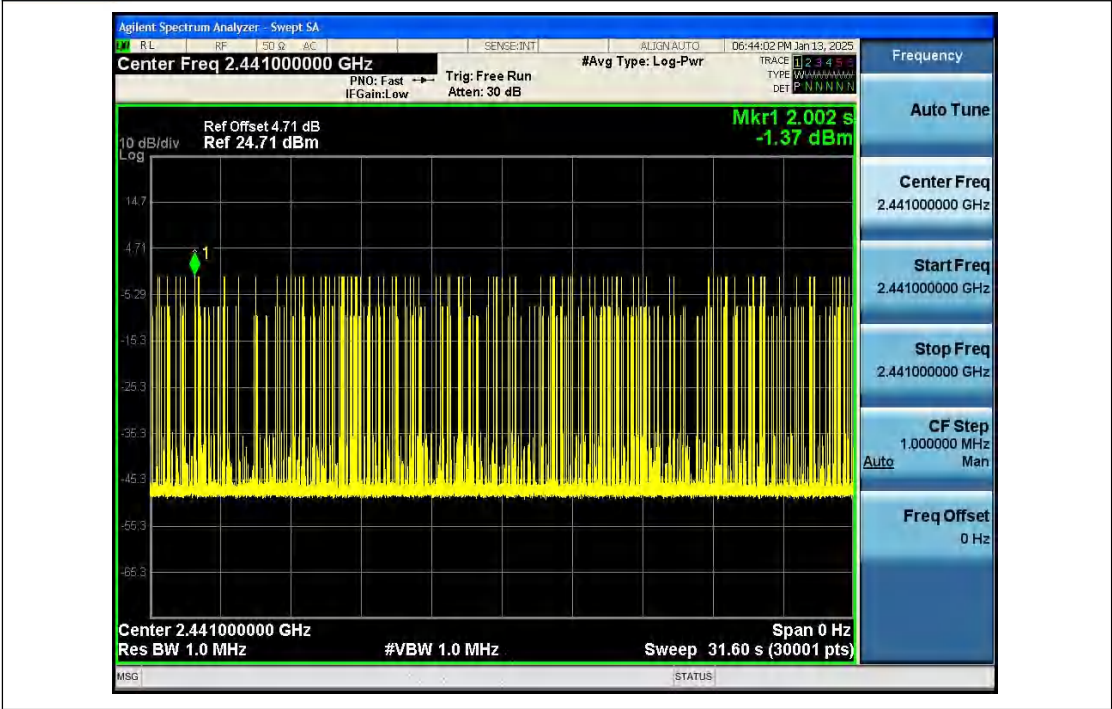
Appendix I: Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.900	108.00	313.200	0.40	Pass
NVNT	ANT1	2-DH5	2.900	107.00	310.300	0.40	Pass
NVNT	ANT1	1-DH1	0.390	320.00	124.800	0.40	Pass
NVNT	ANT1	1-DH3	1.650	159.00	262.350	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	2-DH3	1.650	159.00	262.350	0.40	Pass

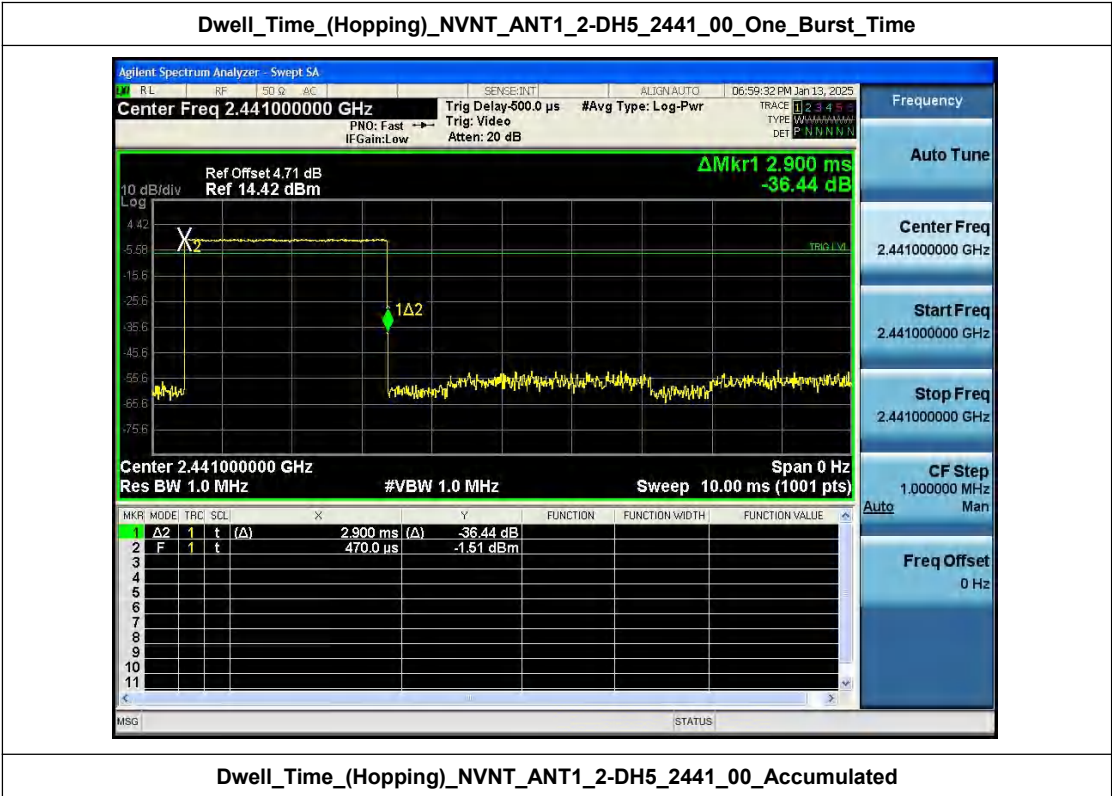
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_One_Burst_Time



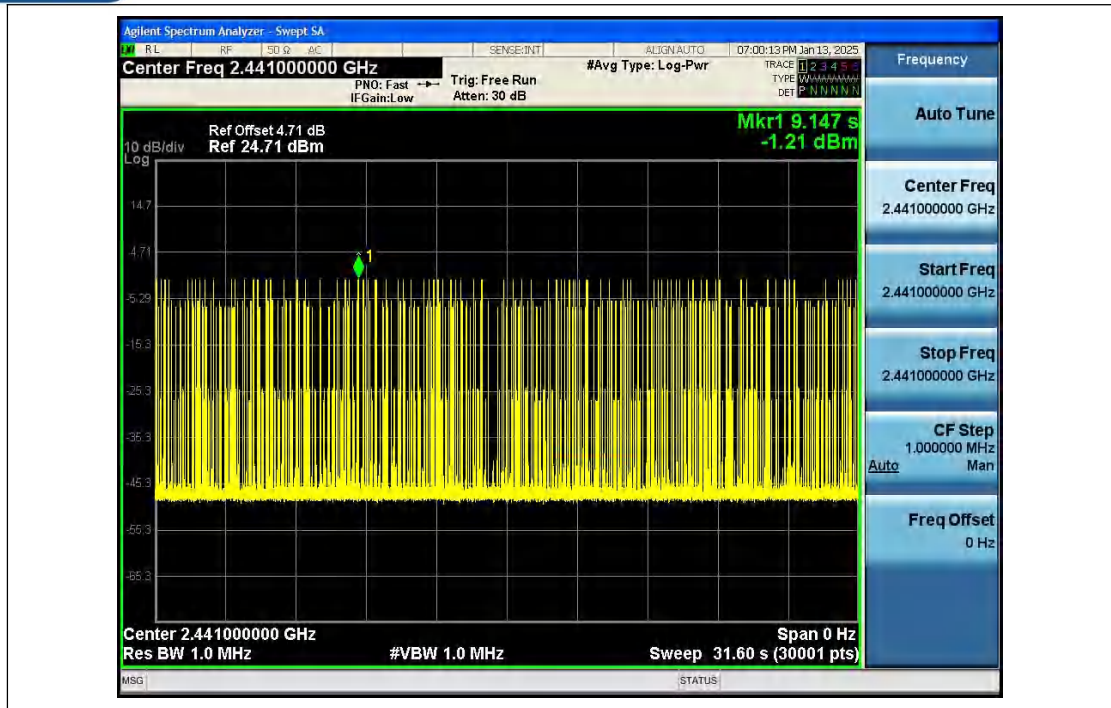
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_Accumulated



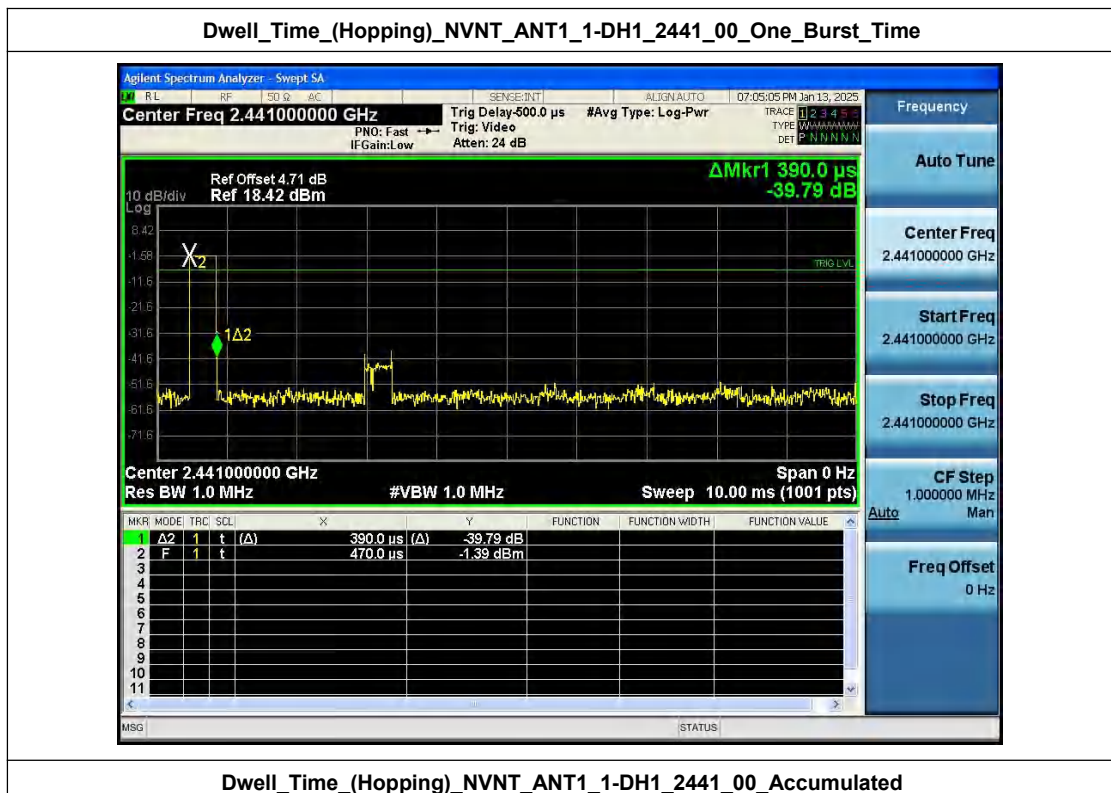
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time



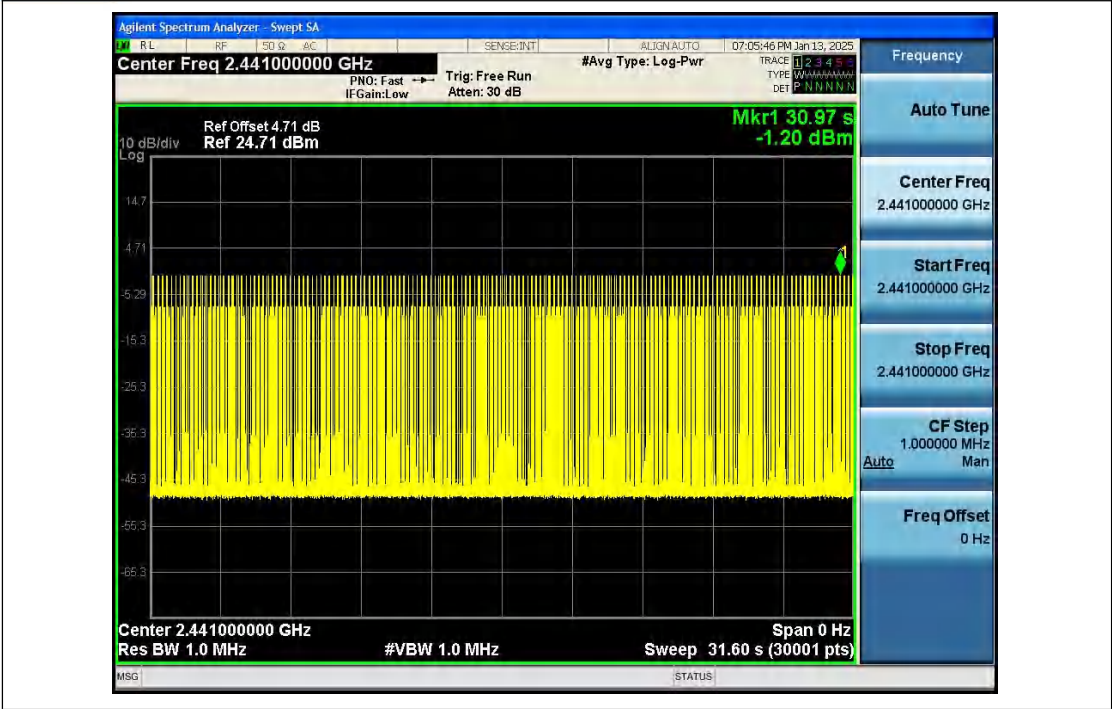
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



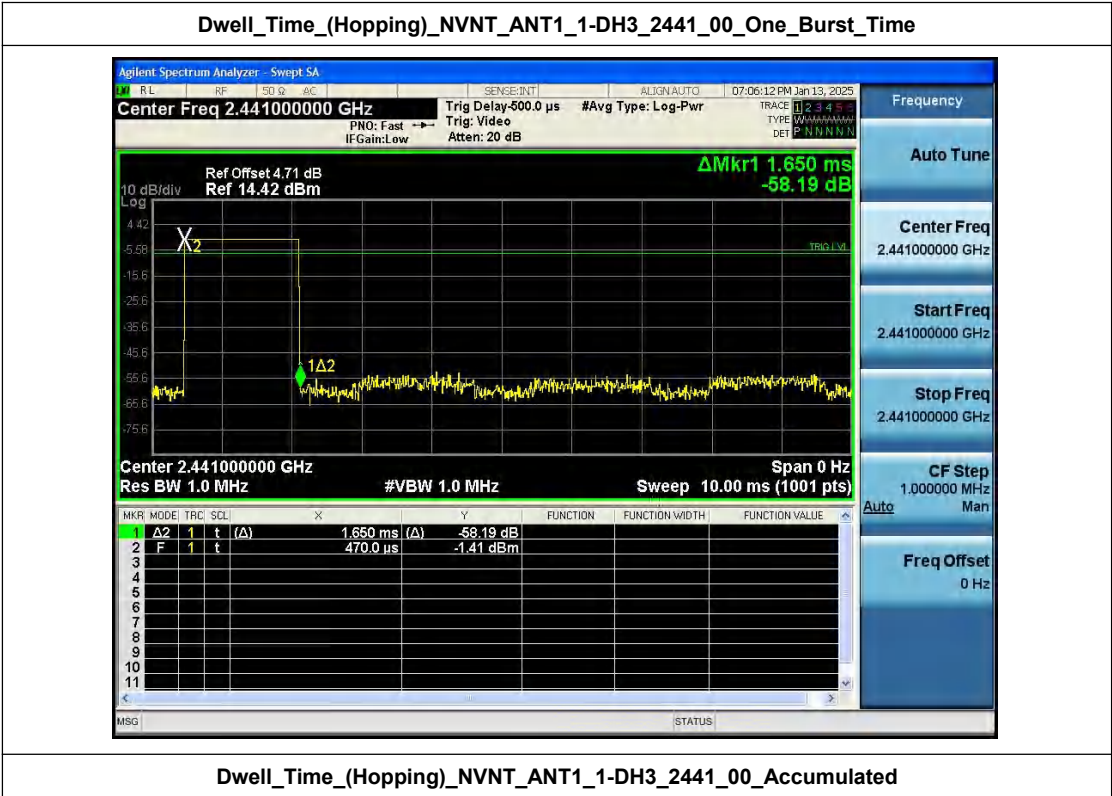
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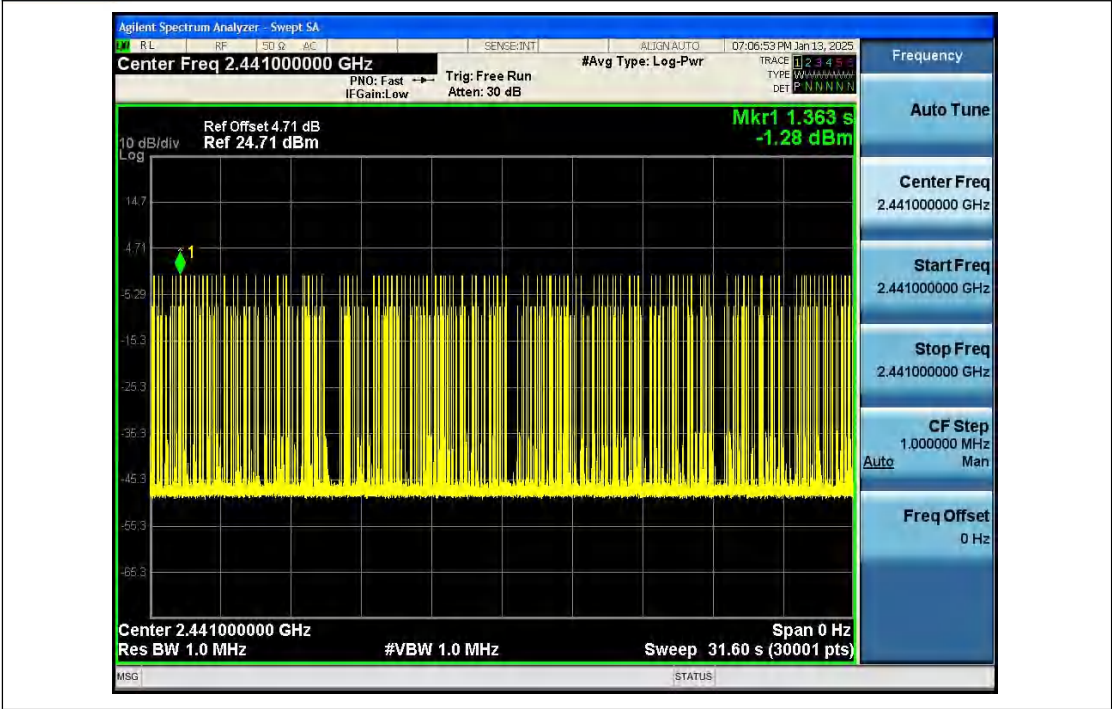
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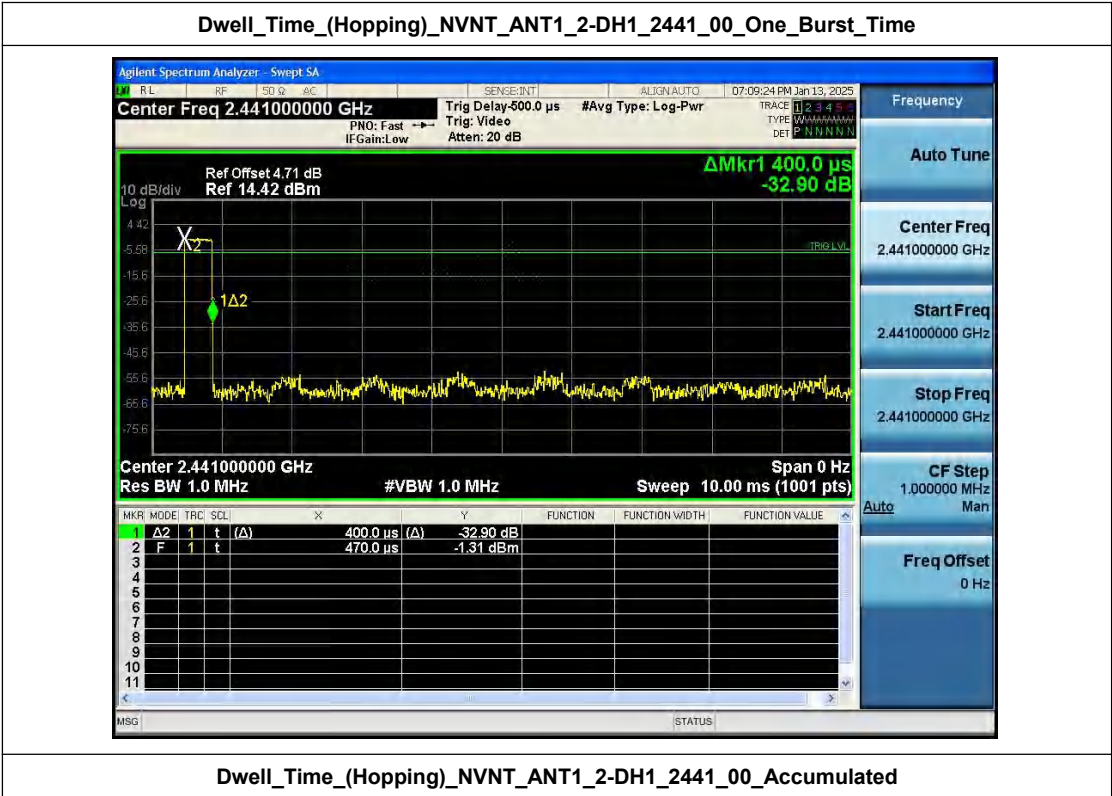
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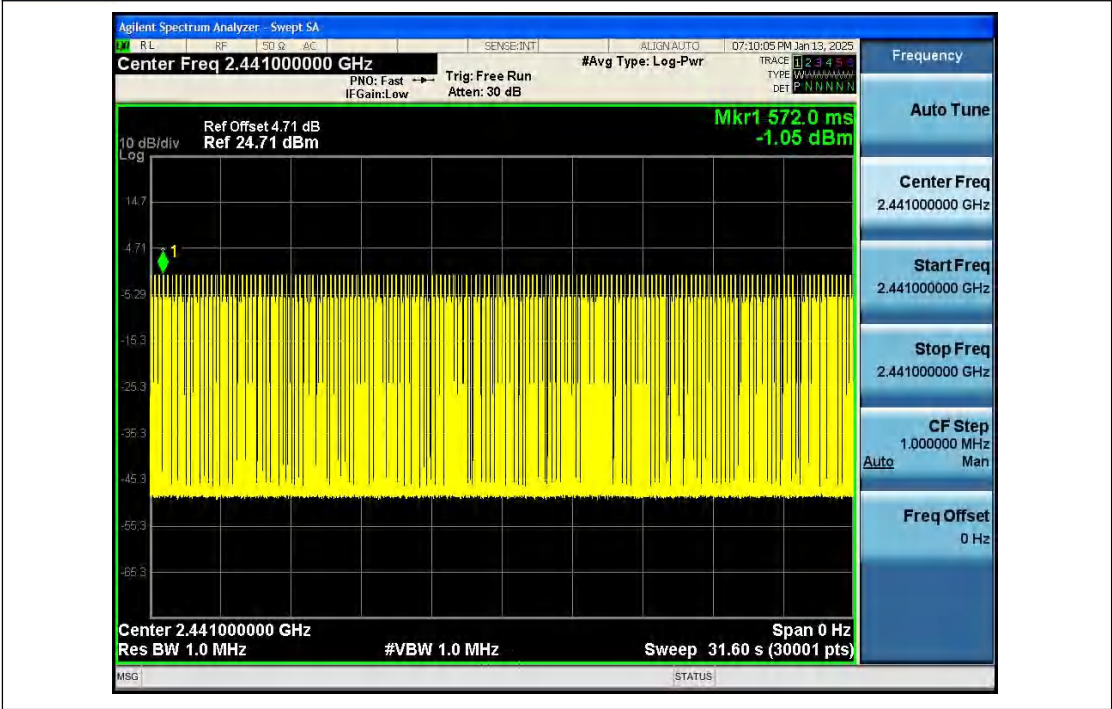
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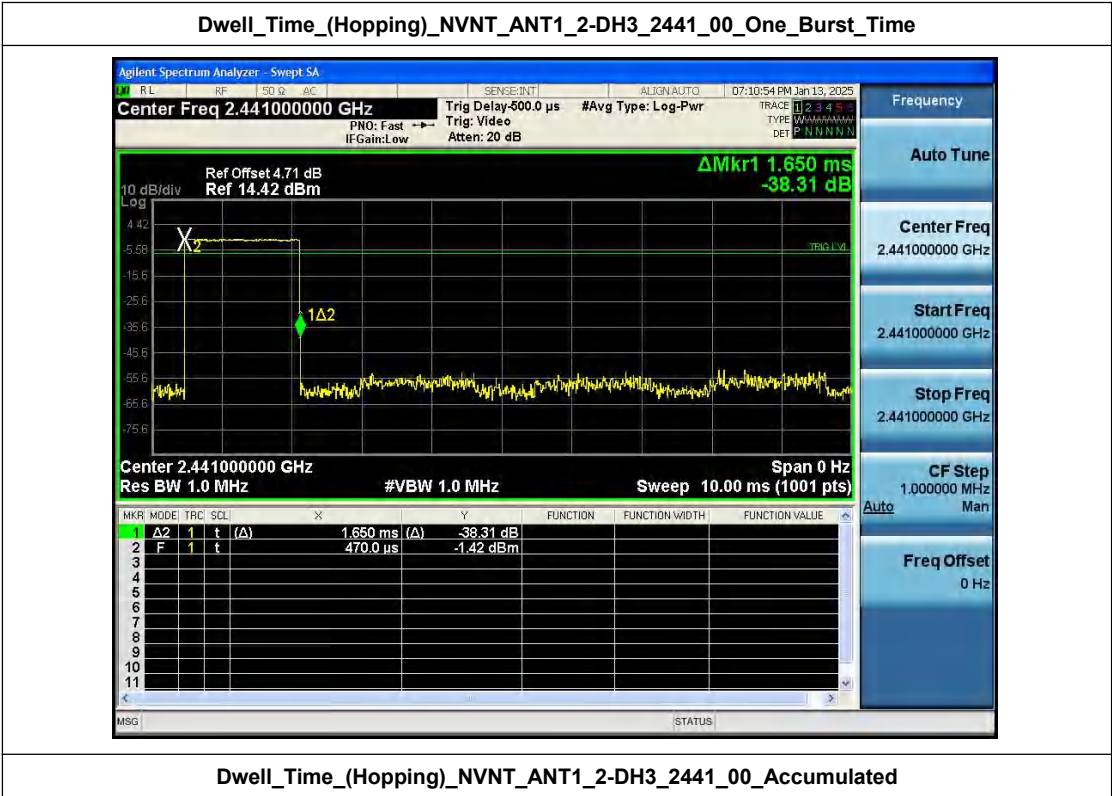
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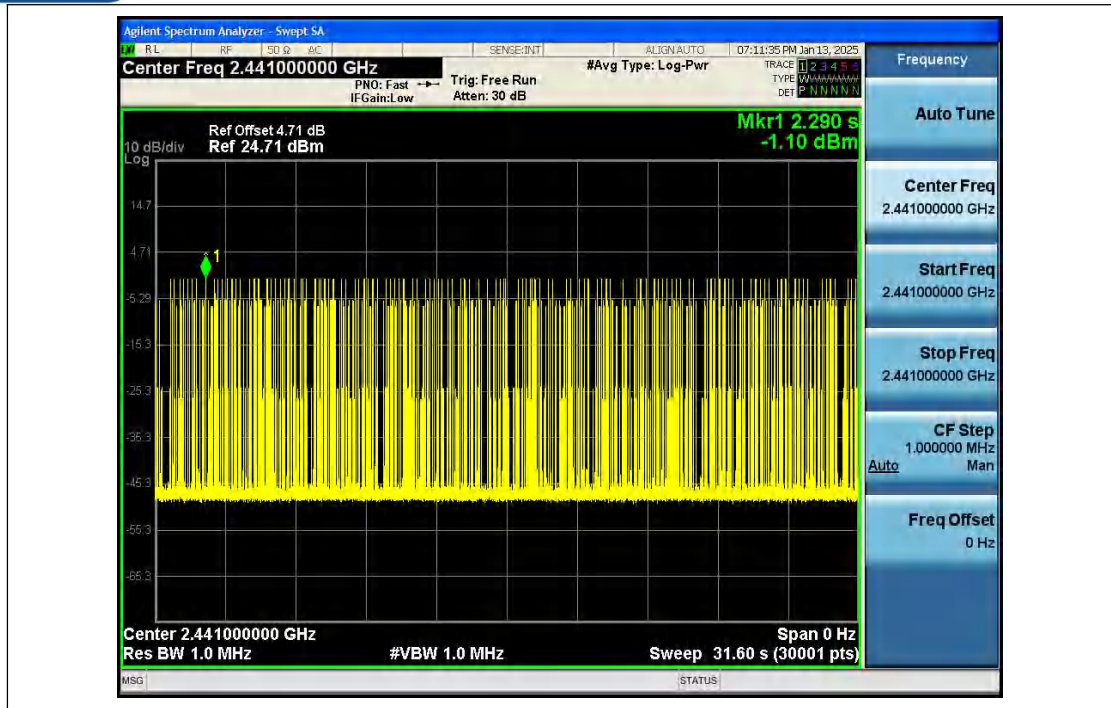
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_Accumulated



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