

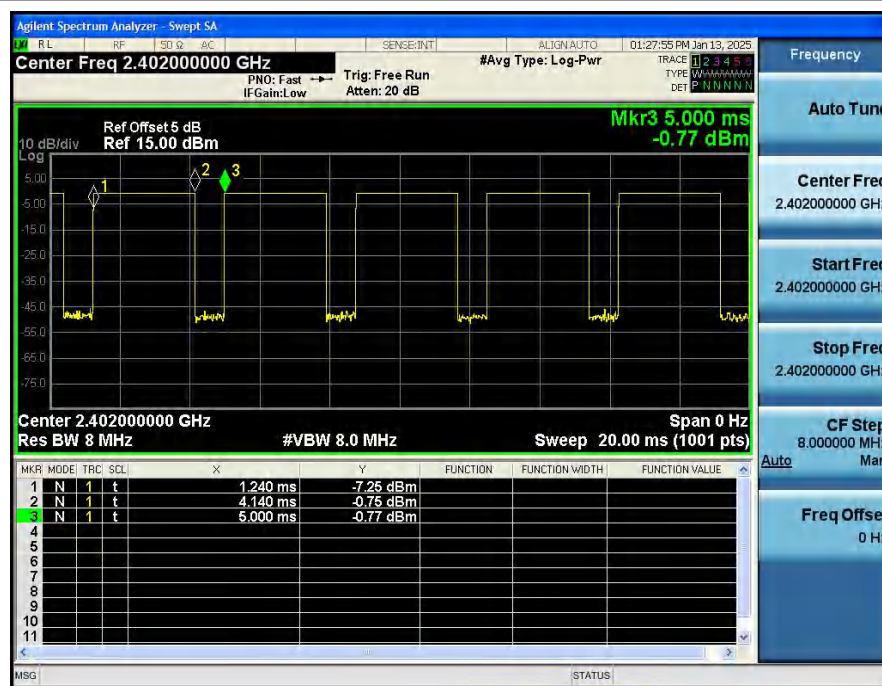
Appendix Test Data

Report No.:	1813C50010412501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.7	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		

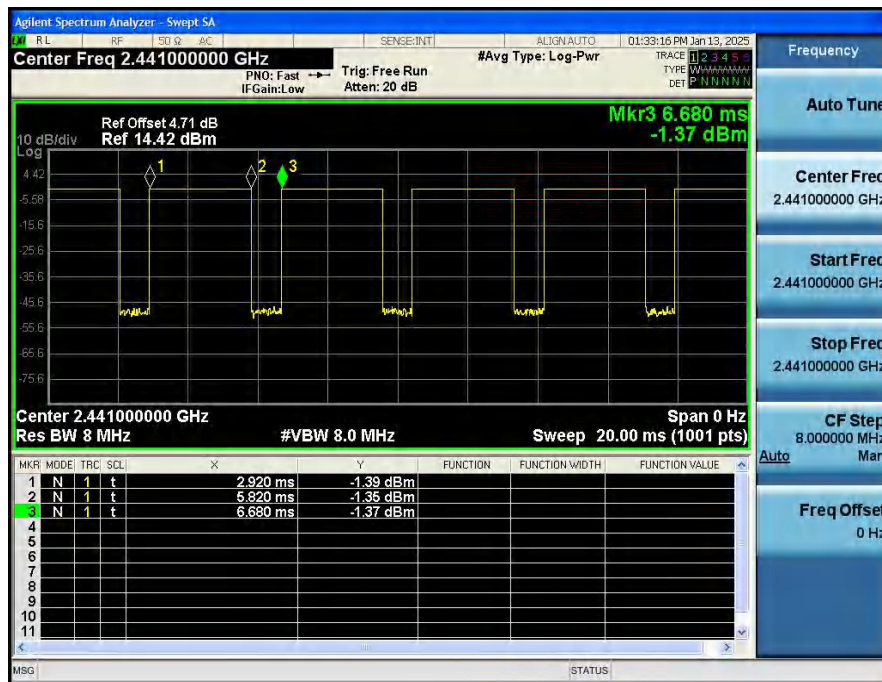
Appendix A: Duty Cycle

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

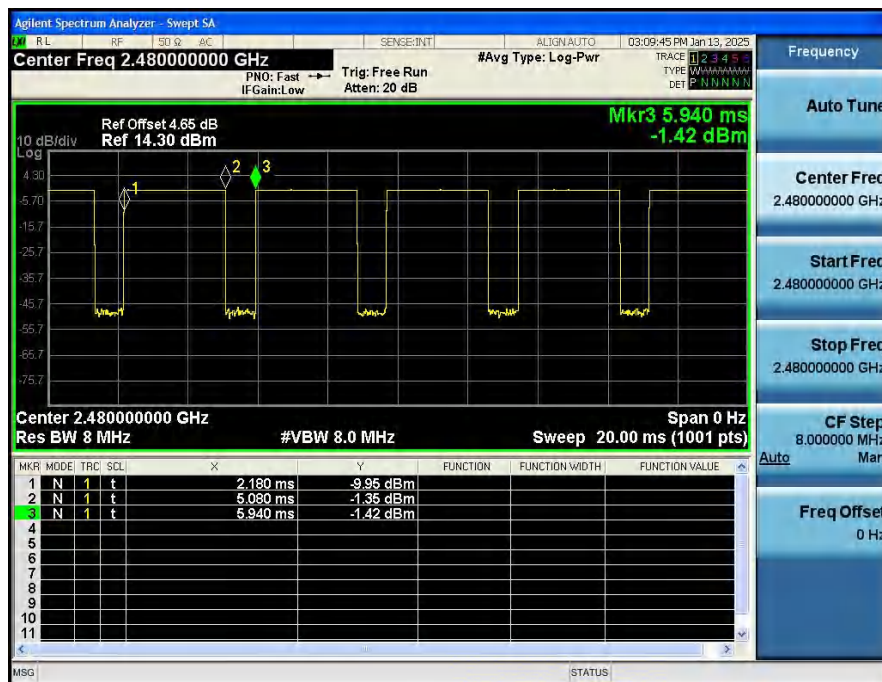
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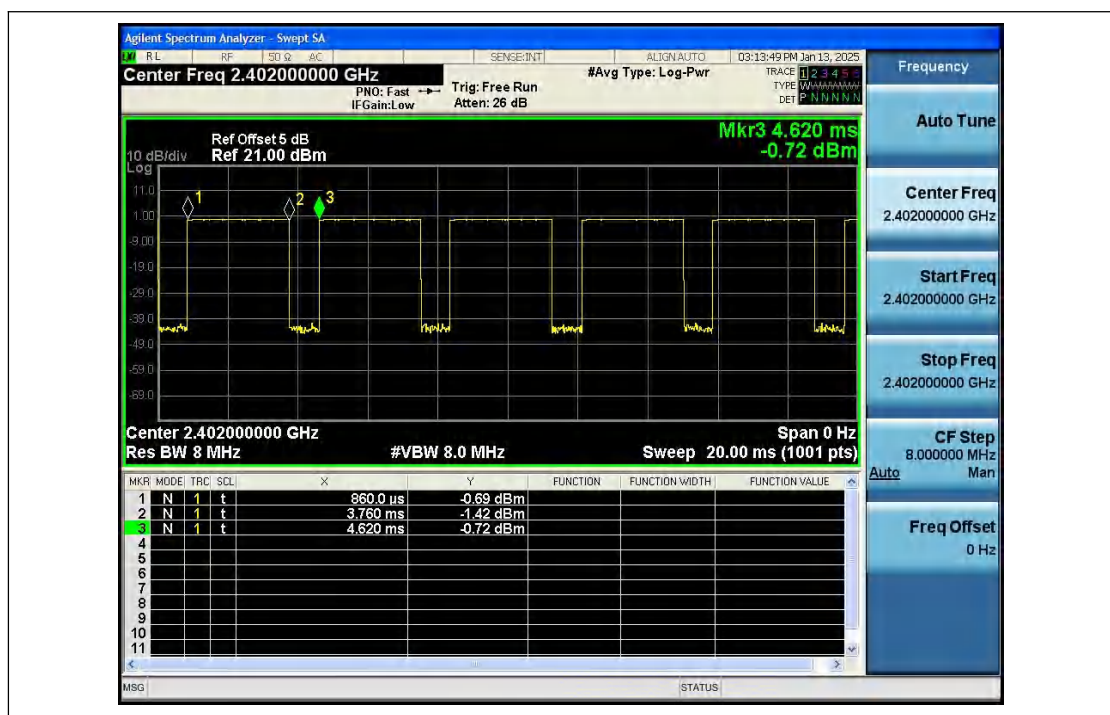
Duty_Cycle_NVNT_ANT1_1-DH5_2441



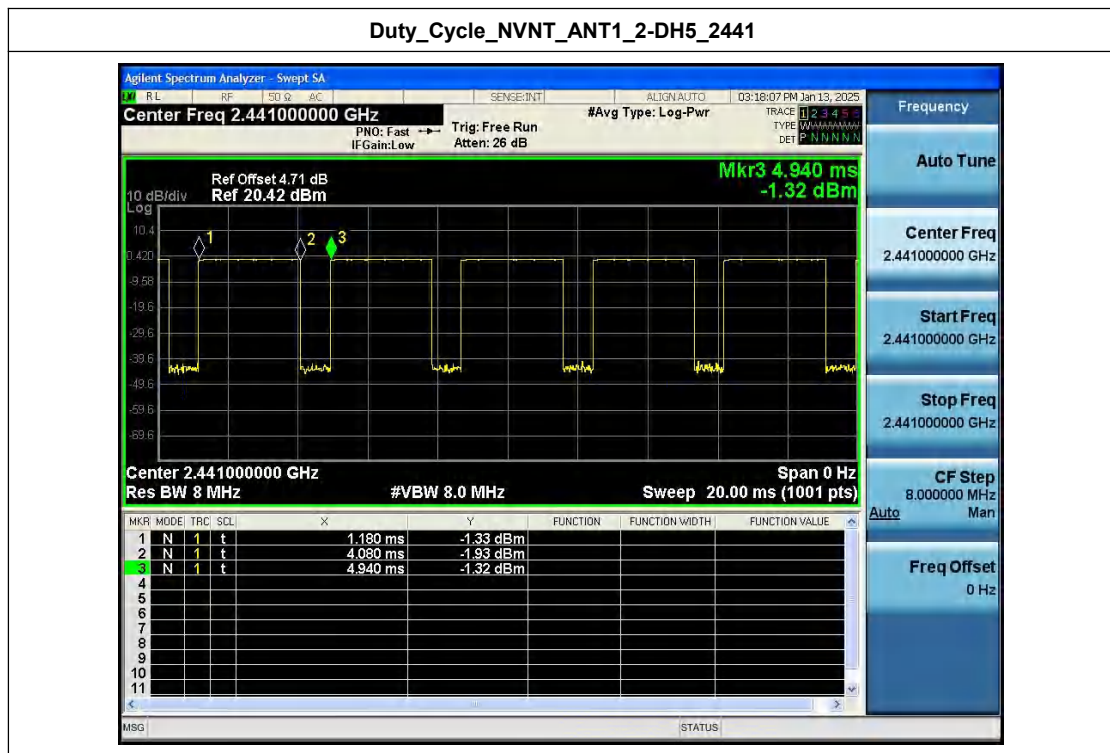
Duty_Cycle_NVNT_ANT1_1-DH5_2480



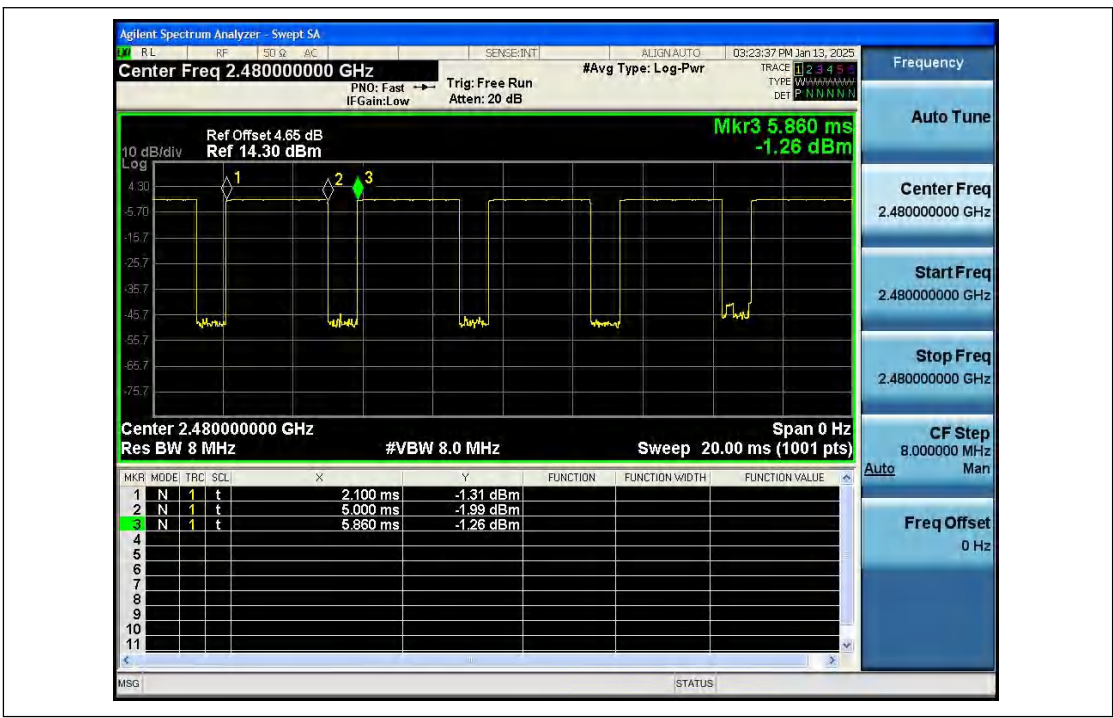
Duty_Cycle_NVNT_ANT1_2-DH5_2402



Duty_Cycle_NVNT_ANT1_2-DH5_2441



Duty_Cycle_NVNT_ANT1_2-DH5_2480



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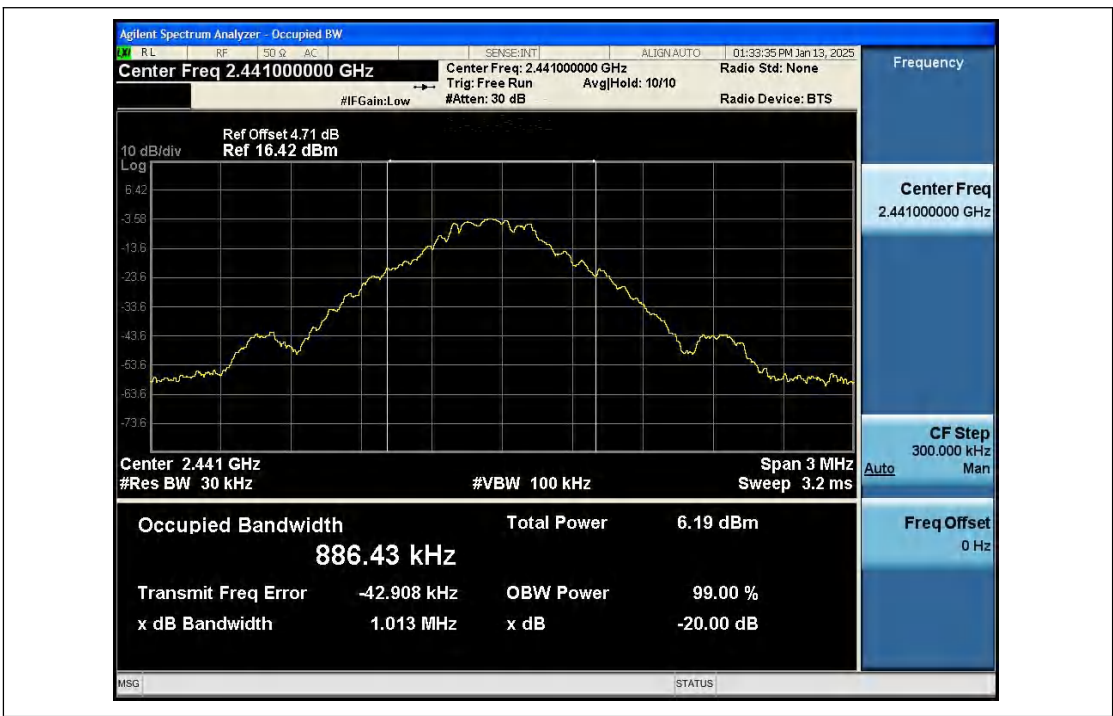
Appendix B: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.018	Yes
NVNT	ANT1	1-DH5	2441.00	1.013	Yes
NVNT	ANT1	1-DH5	2480.00	1.020	Yes
NVNT	ANT1	2-DH5	2402.00	1.339	Yes
NVNT	ANT1	2-DH5	2441.00	1.319	Yes
NVNT	ANT1	2-DH5	2480.00	1.315	Yes

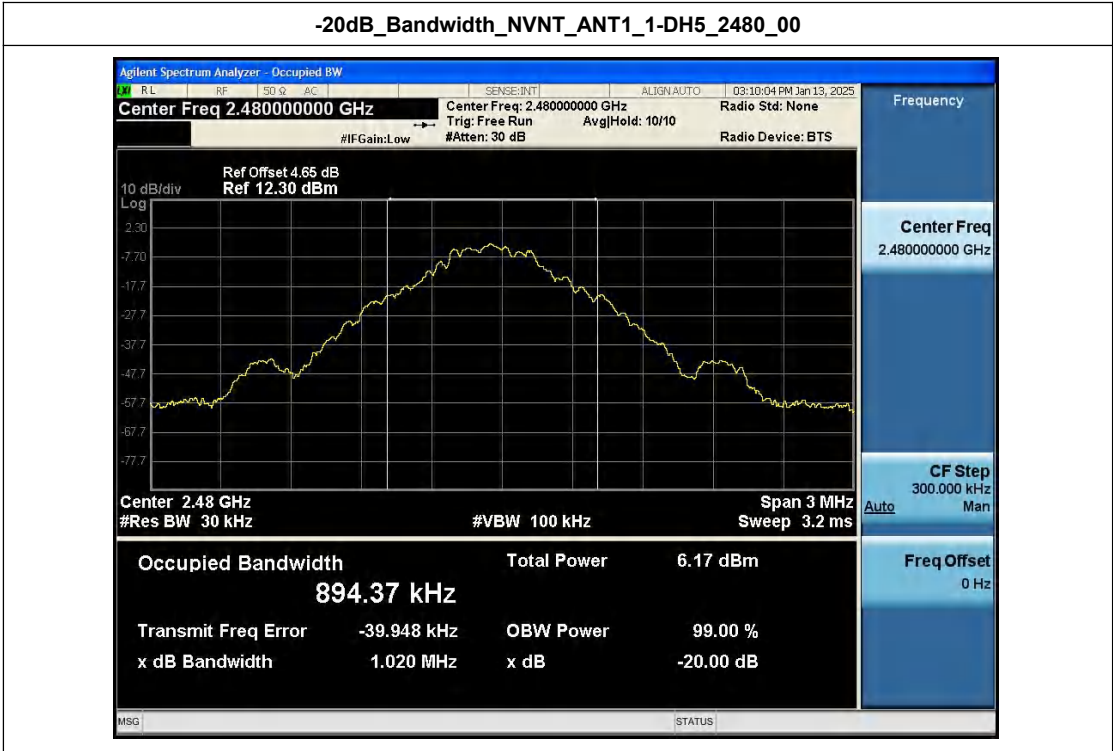
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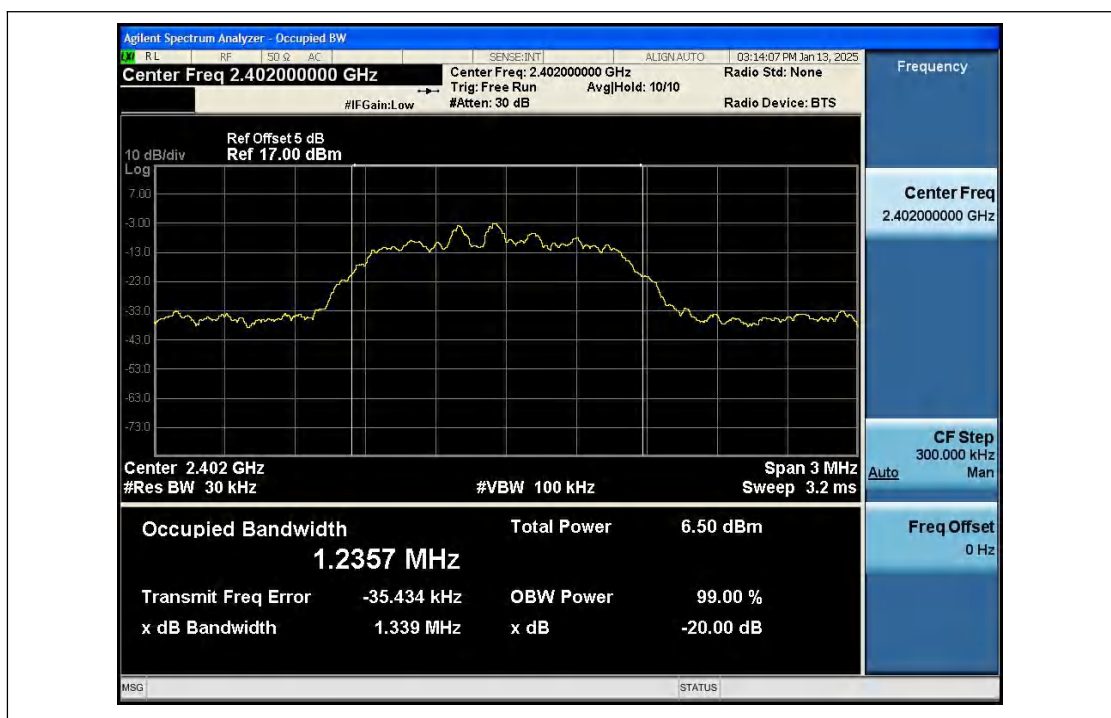
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441_00



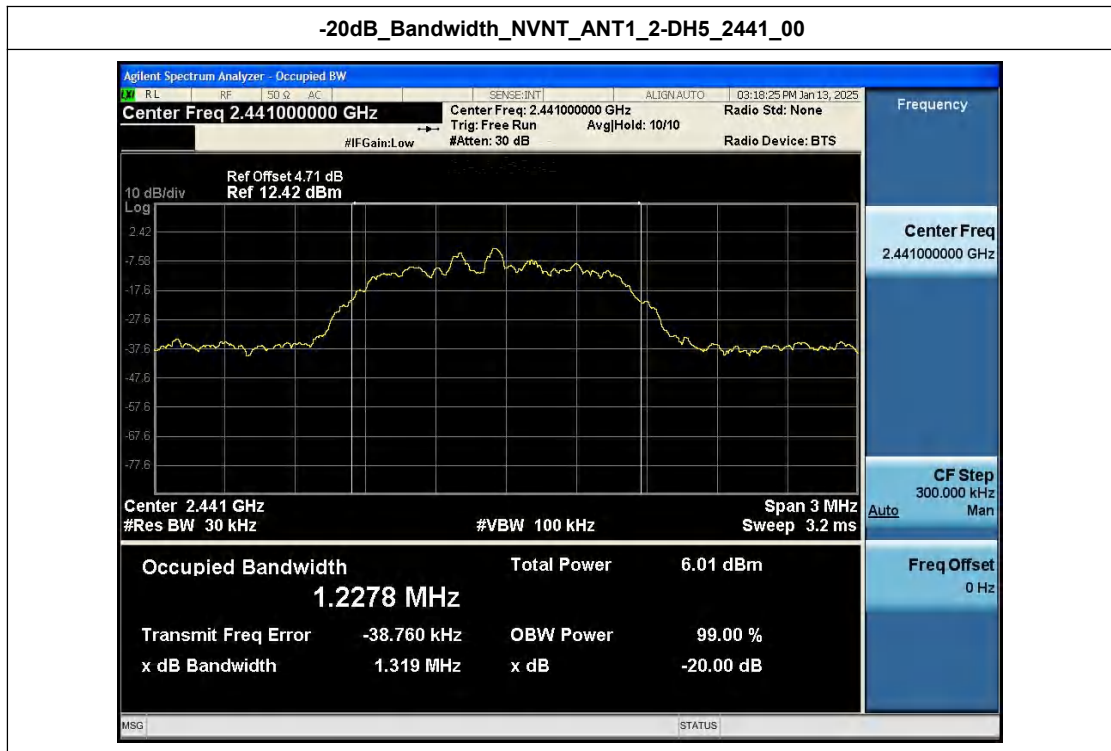
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480_00



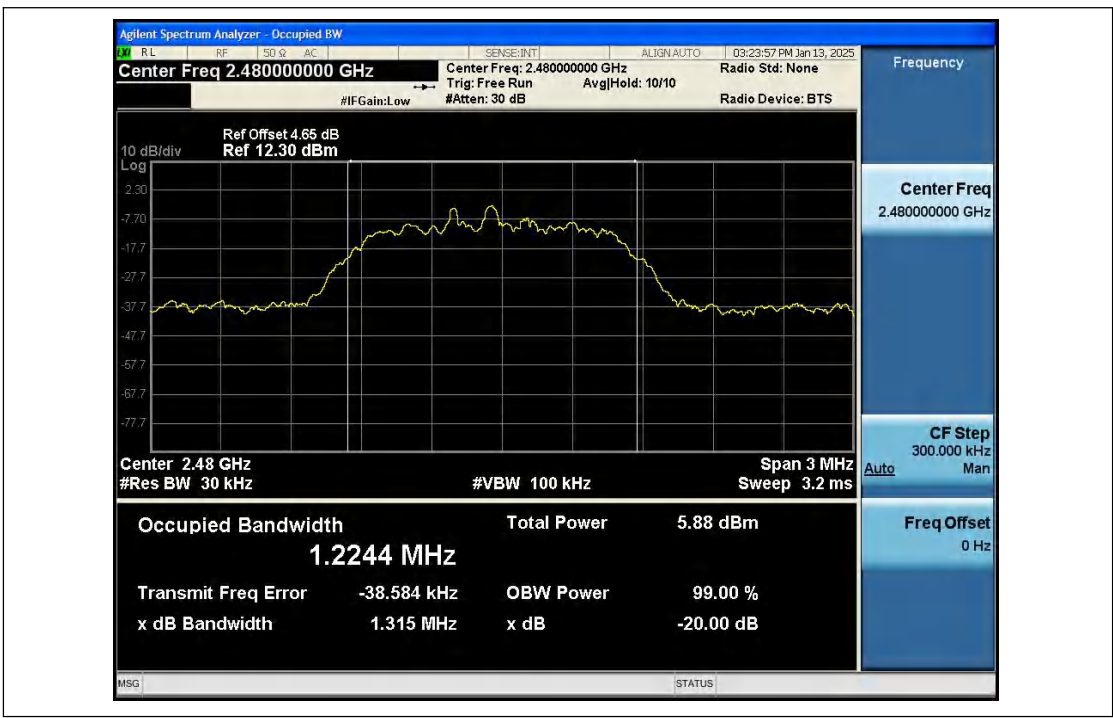
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00



-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00



-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00



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Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.887
NVNT	ANT1	1-DH5	2441.00	0.886
NVNT	ANT1	1-DH5	2480.00	0.903
NVNT	ANT1	2-DH5	2402.00	1.236
NVNT	ANT1	2-DH5	2441.00	1.225
NVNT	ANT1	2-DH5	2480.00	1.225

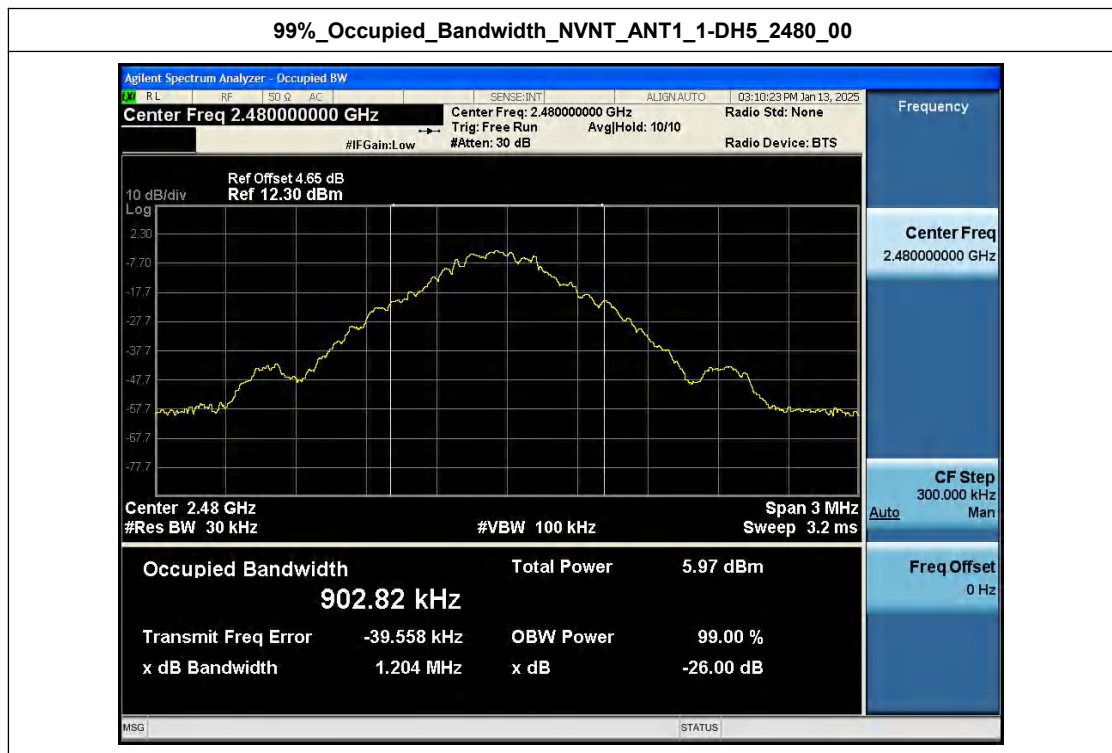
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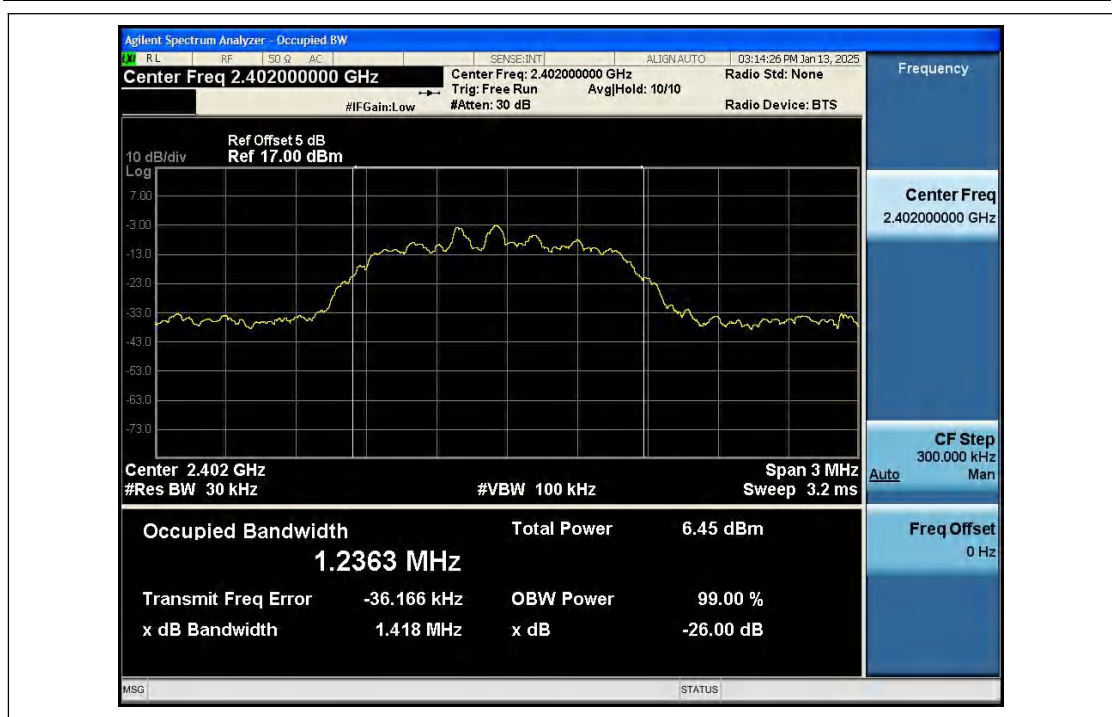
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00



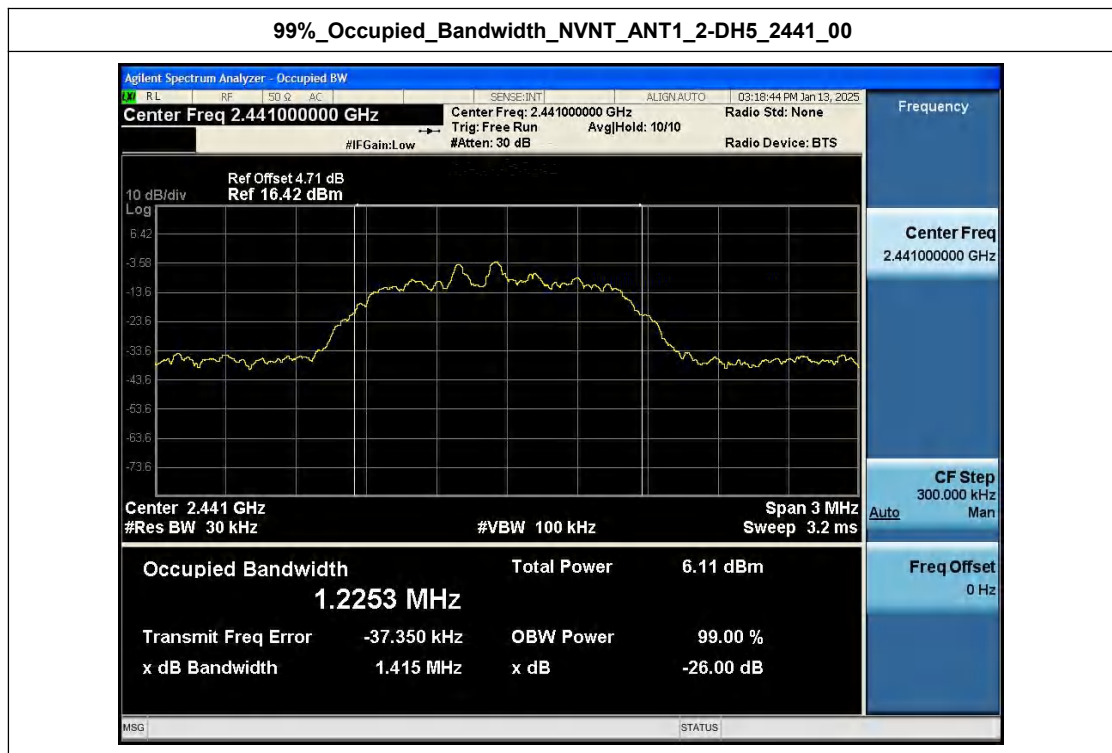
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00



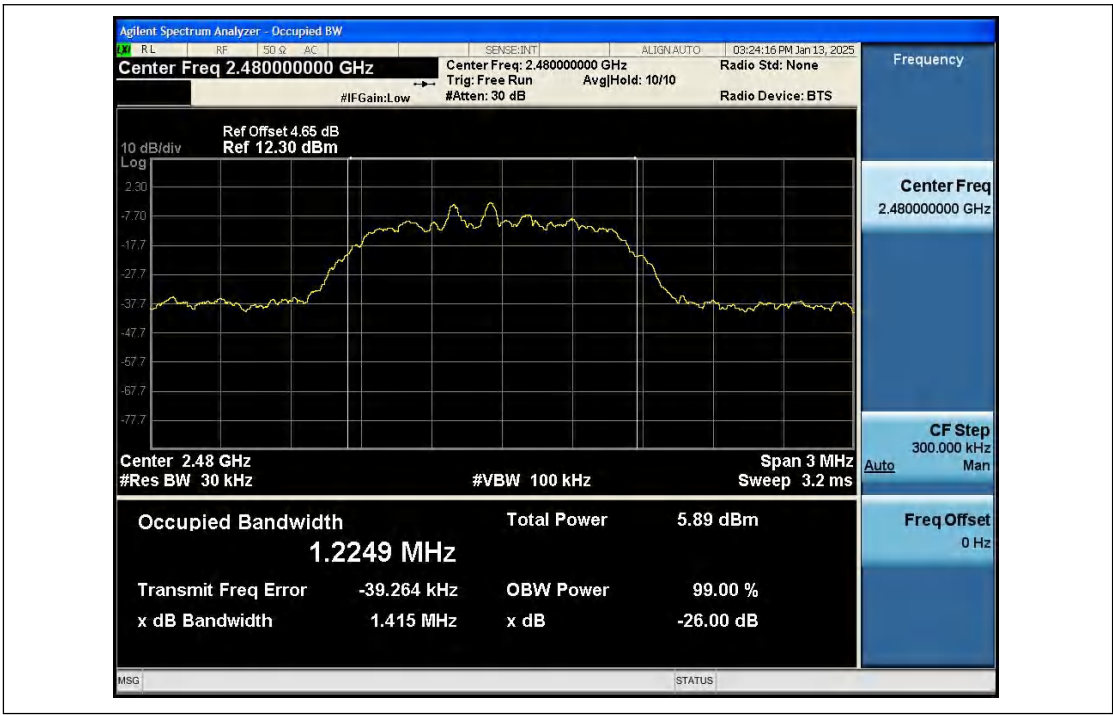
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00



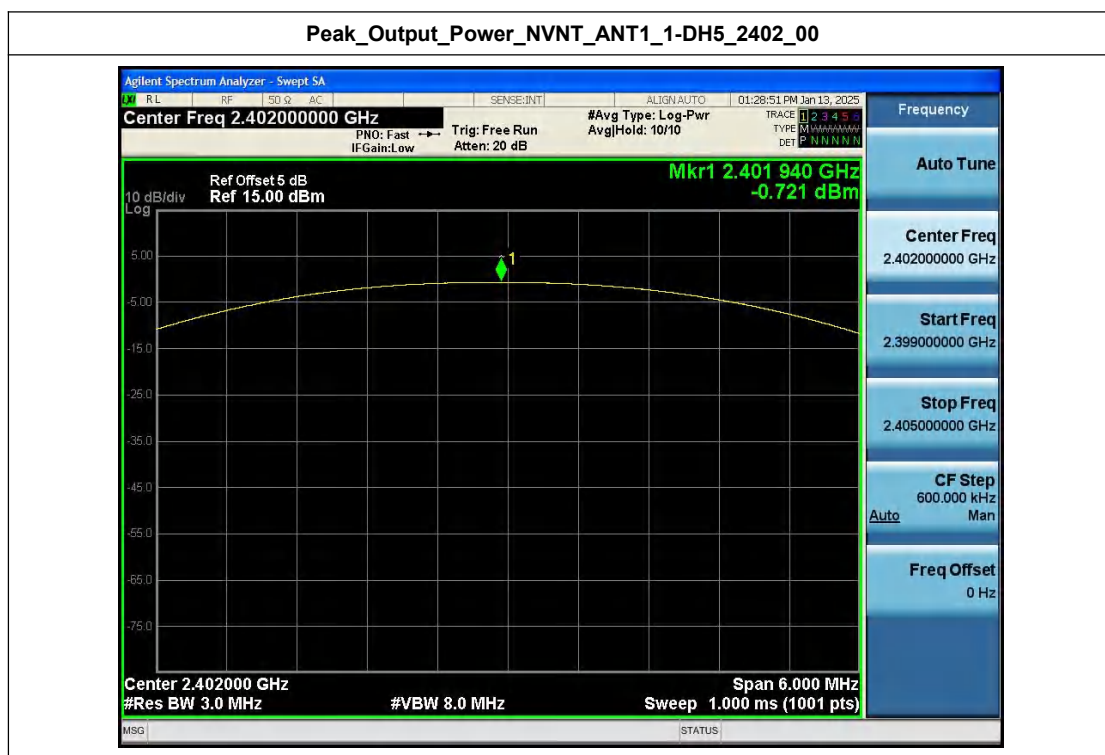
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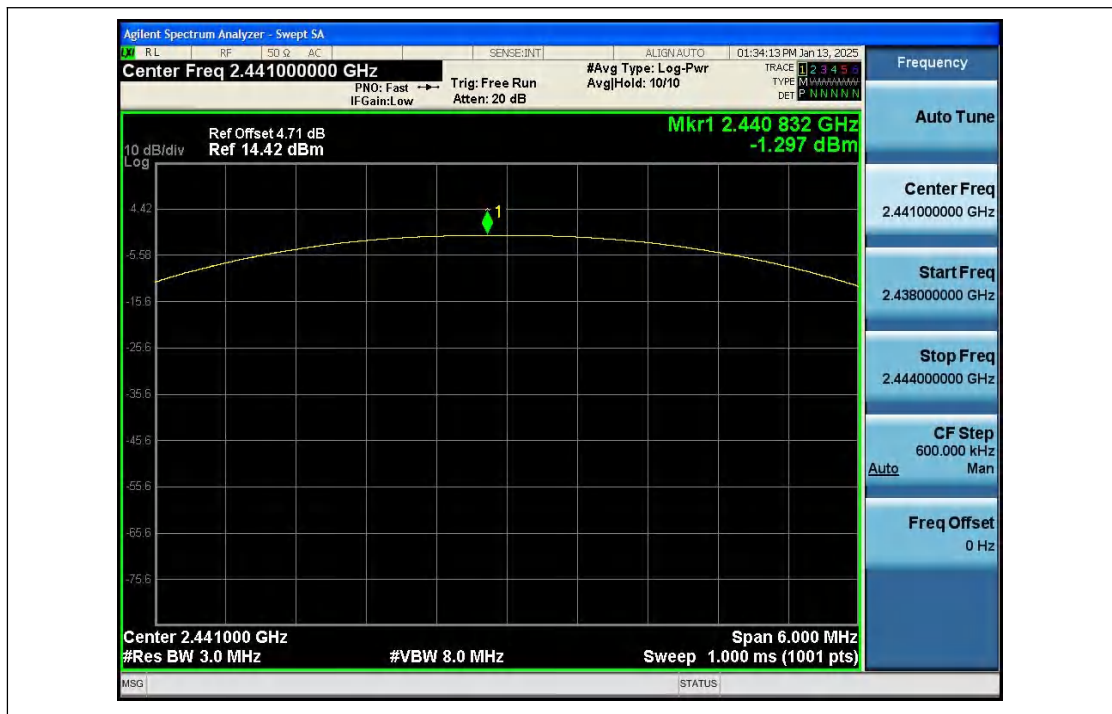
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Appendix D: Peak Output Power

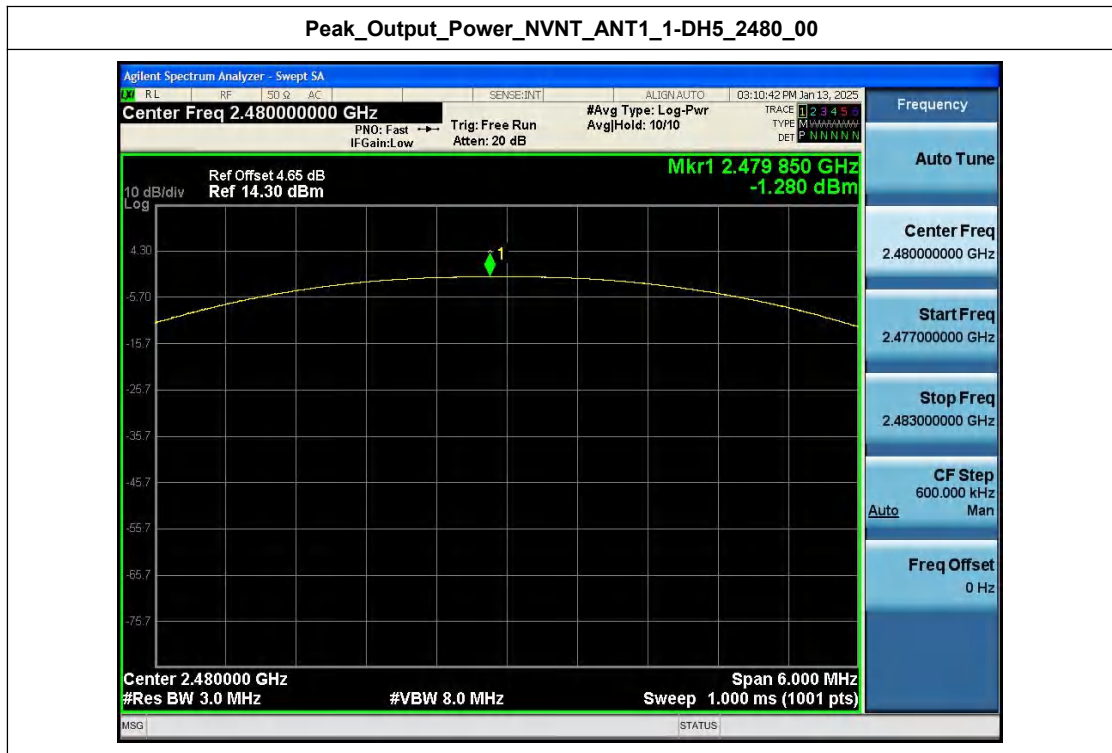
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	-0.72	0.85	125	Pass
NVNT	ANT1	1-DH5	2441.00	-1.30	0.74	125	Pass
NVNT	ANT1	1-DH5	2480.00	-1.28	0.74	125	Pass
NVNT	ANT1	2-DH5	2402.00	-0.18	0.96	125	Pass
NVNT	ANT1	2-DH5	2441.00	-0.74	0.84	125	Pass
NVNT	ANT1	2-DH5	2480.00	-0.72	0.85	125	Pass



Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00



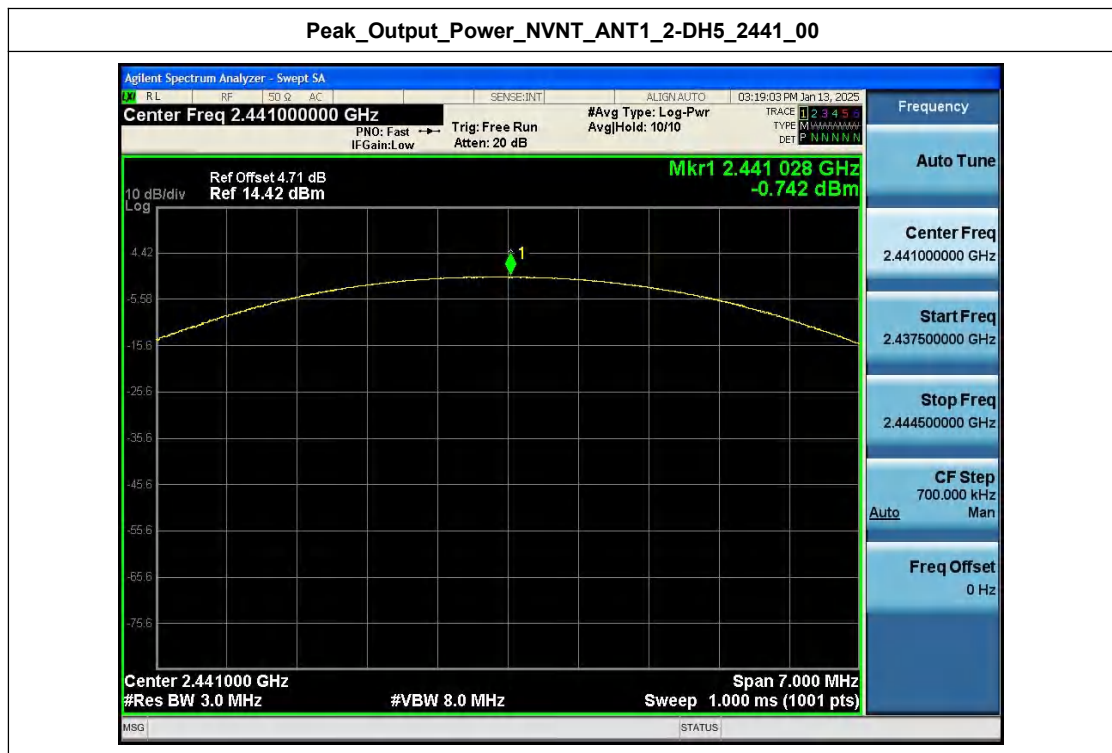
Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00



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	-1.017	-47.490	-21.017	Pass
NVNT	ANT1	1-DH5	2441.00	-1.500	-45.883	-21.500	Pass
NVNT	ANT1	1-DH5	2480.00	-1.521	-47.464	-21.521	Pass
NVNT	ANT1	2-DH5	2402.00	-0.884	-50.591	-20.884	Pass
NVNT	ANT1	2-DH5	2441.00	-1.369	-49.495	-21.369	Pass
NVNT	ANT1	2-DH5	2480.00	-1.369	-48.421	-21.369	Pass

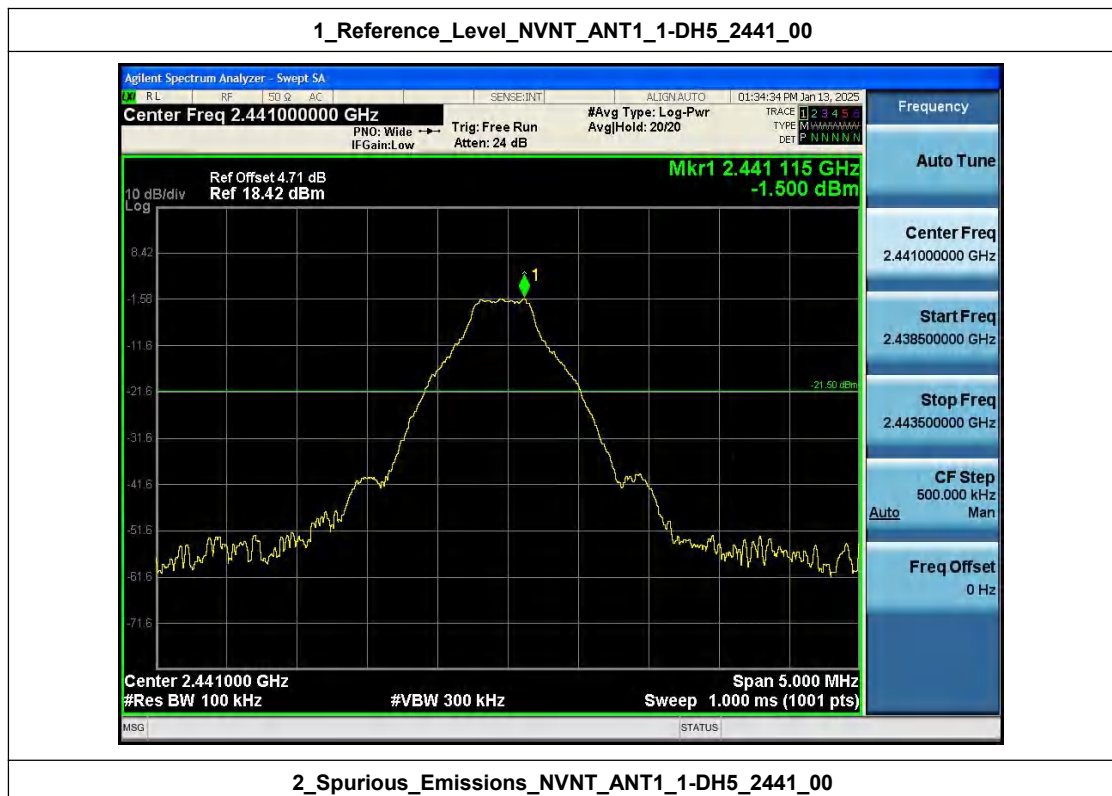
1_Reference_Level_NVNT_ANT1_1-DH5_2402_00



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



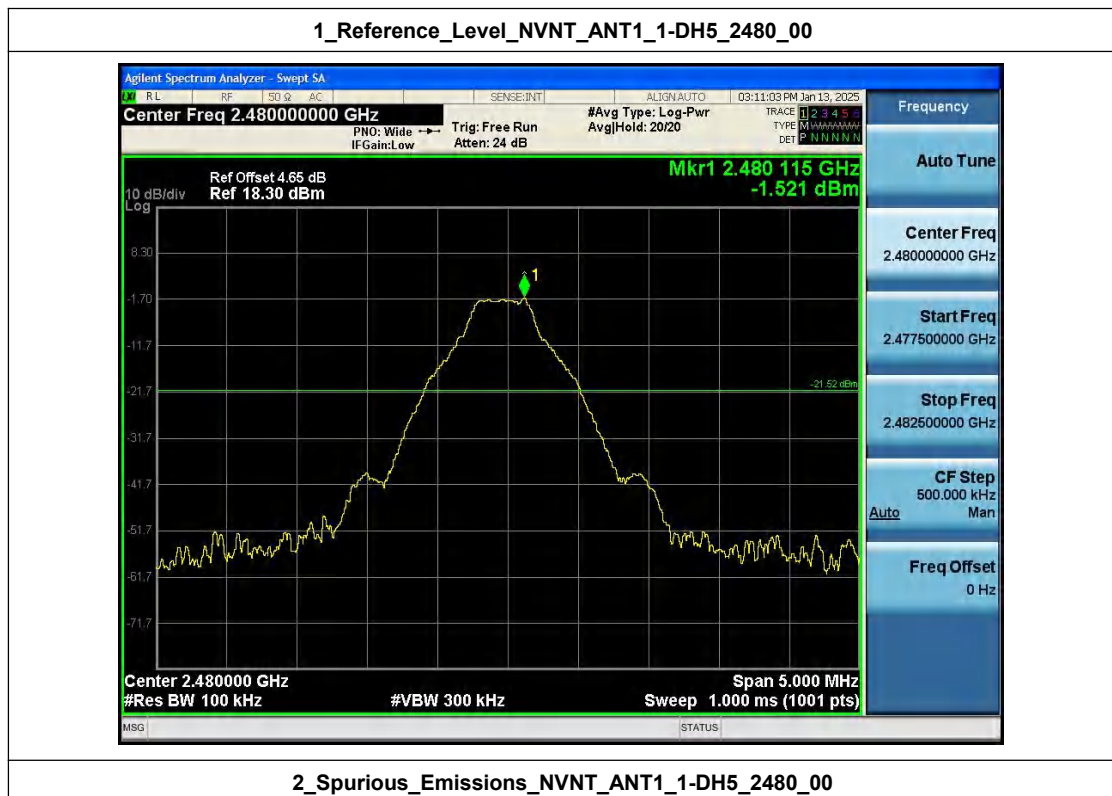
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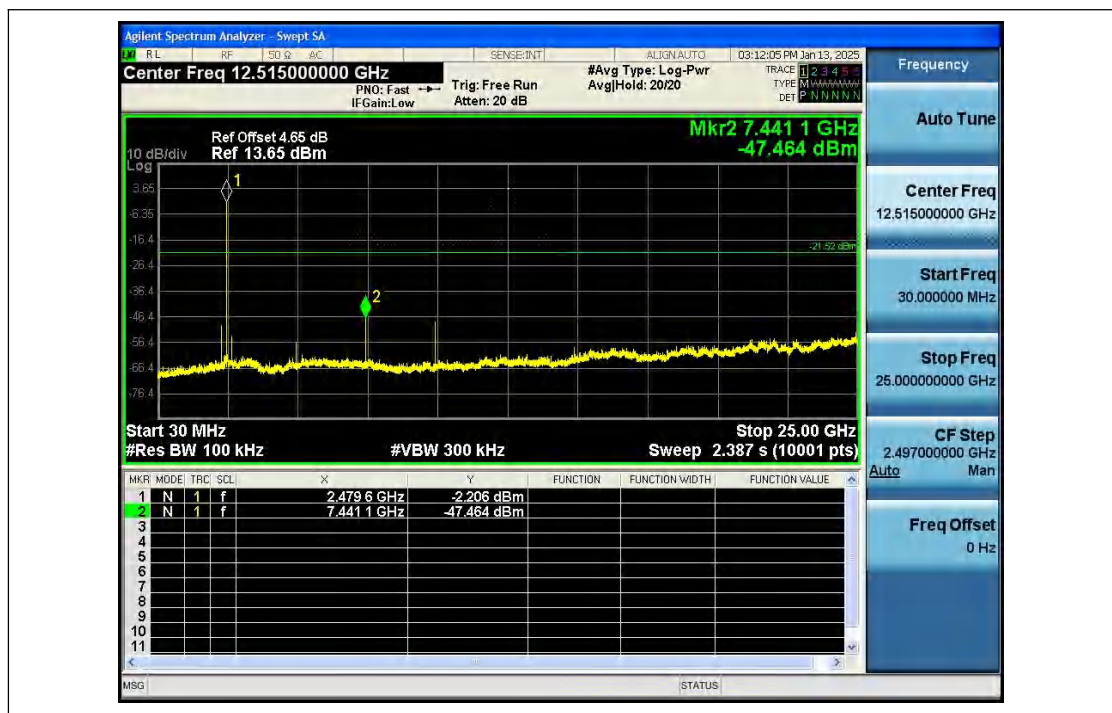
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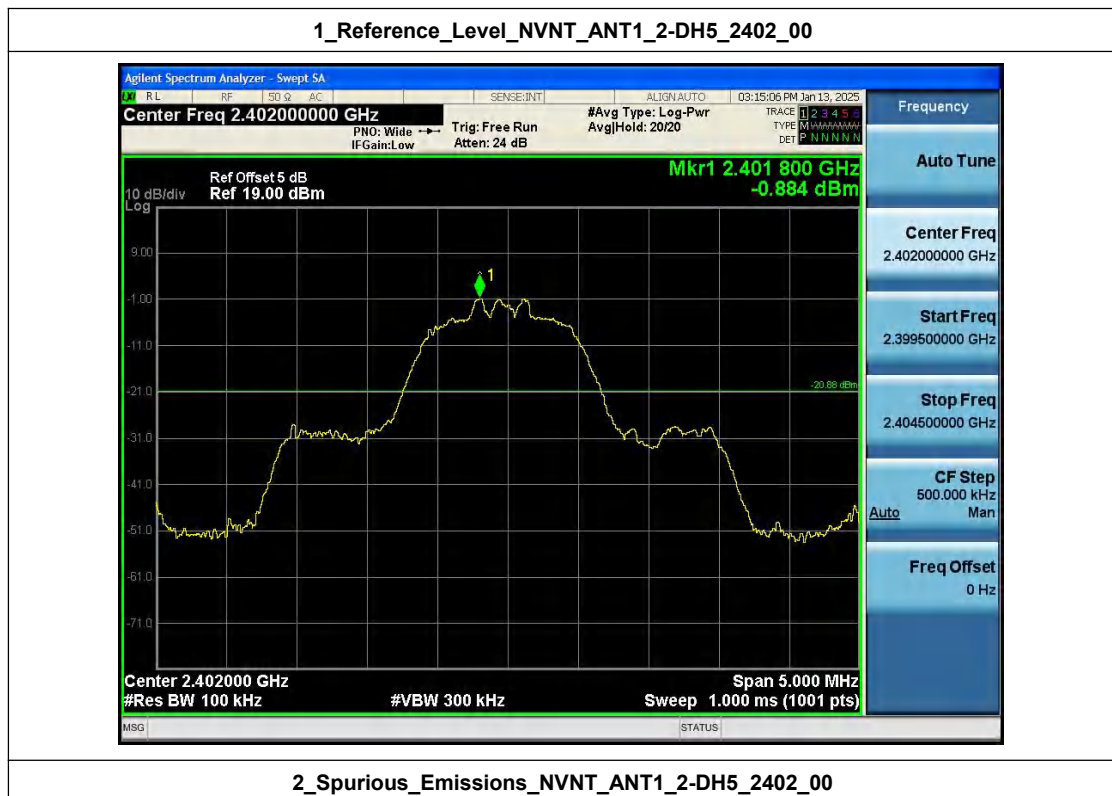
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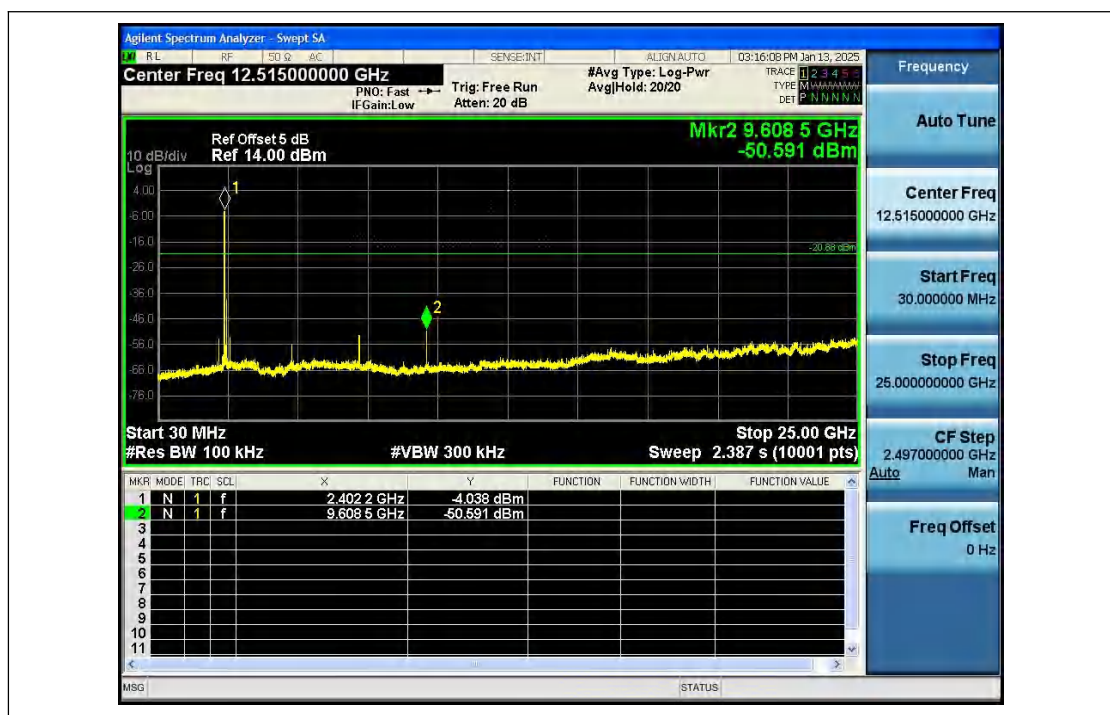
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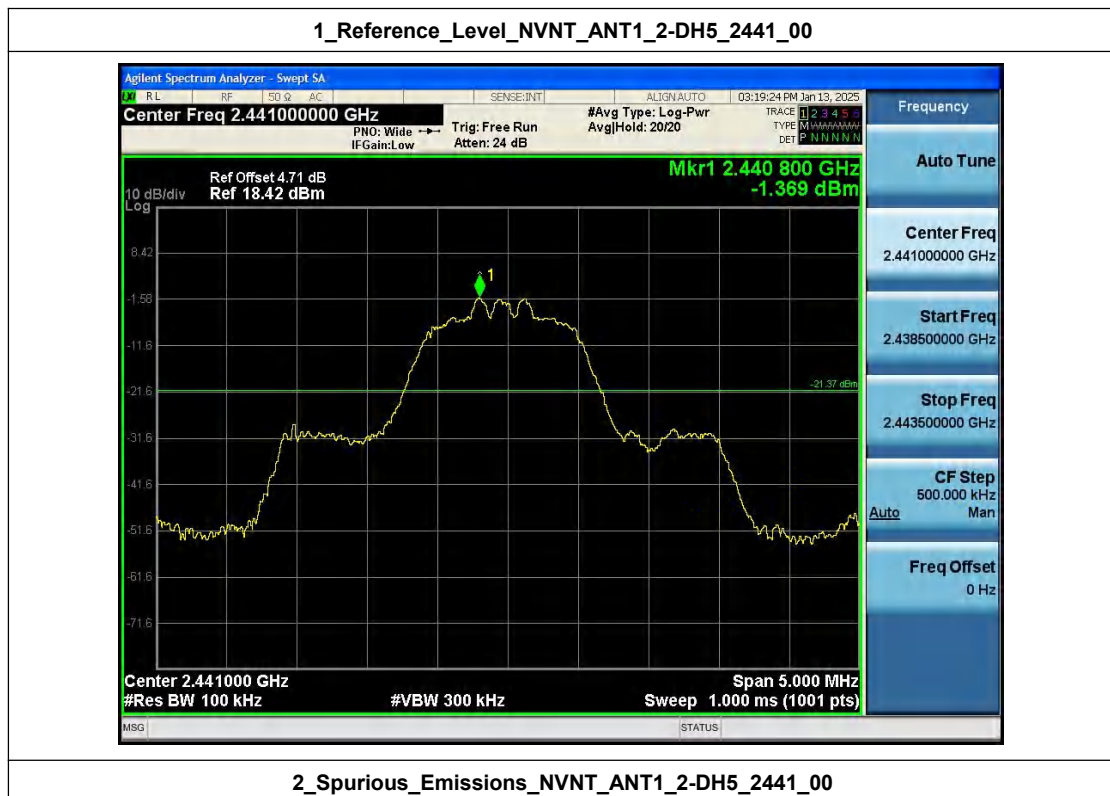
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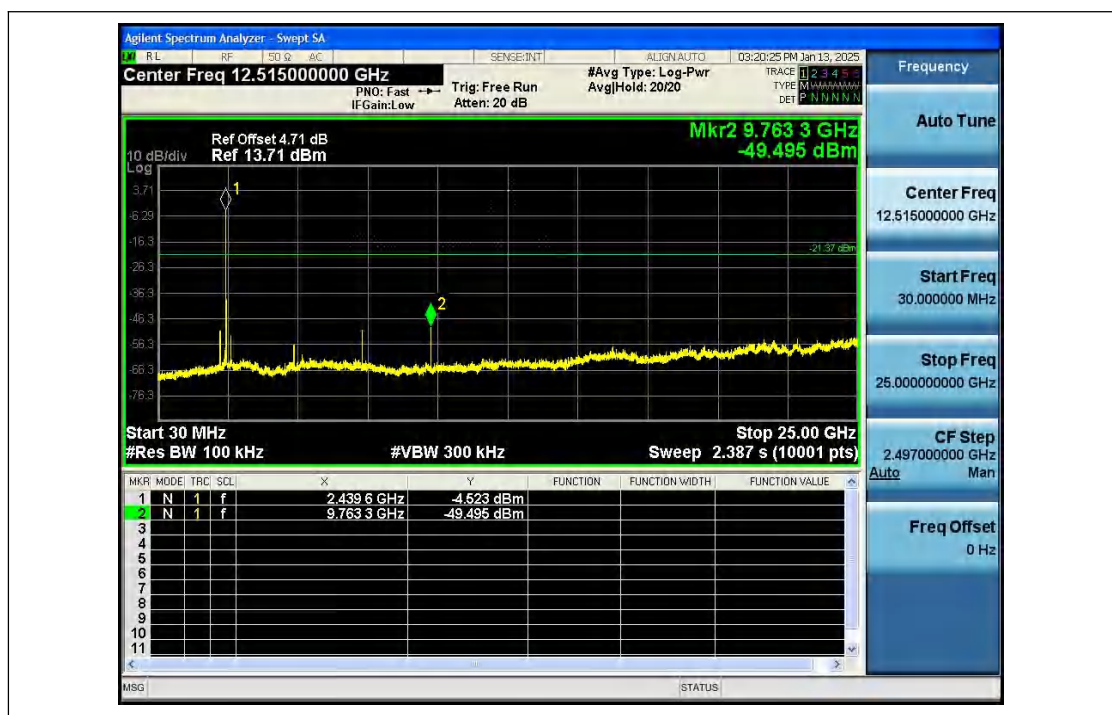
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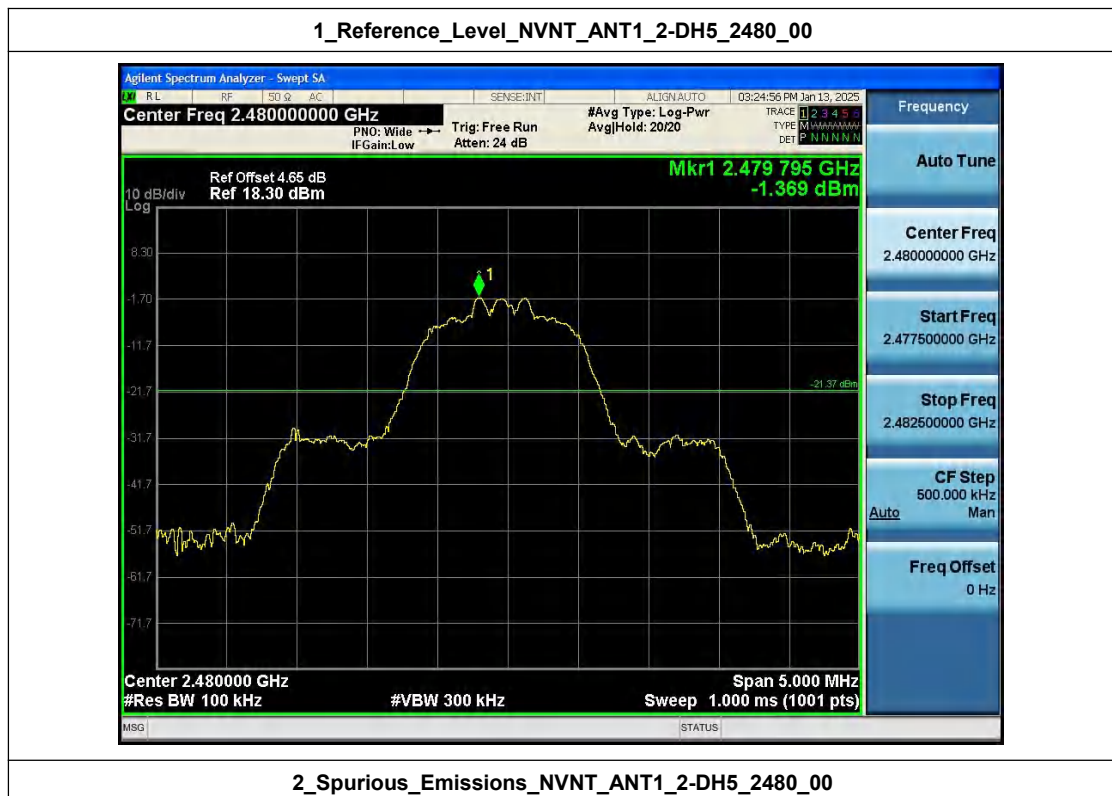
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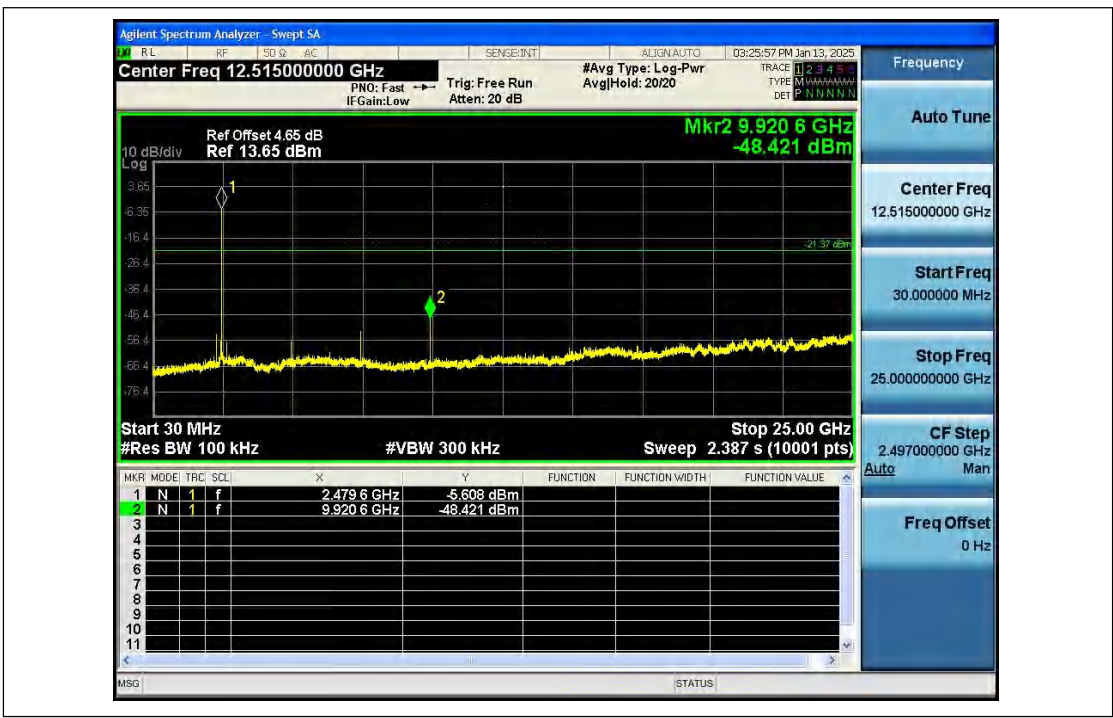
2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



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	-1.017	-50.669	-21.017	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-0.853	-57.462	-20.853	Pass
NVNT	ANT1	1-DH5	2480.00	-1.521	-52.495	-21.521	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-1.427	-61.092	-21.427	Pass
NVNT	ANT1	2-DH5	2402.00	-0.884	-45.117	-20.884	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-0.957	-48.988	-20.957	Pass
NVNT	ANT1	2-DH5	2480.00	-1.369	-59.064	-21.369	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-1.580	-61.130	-21.580	Pass

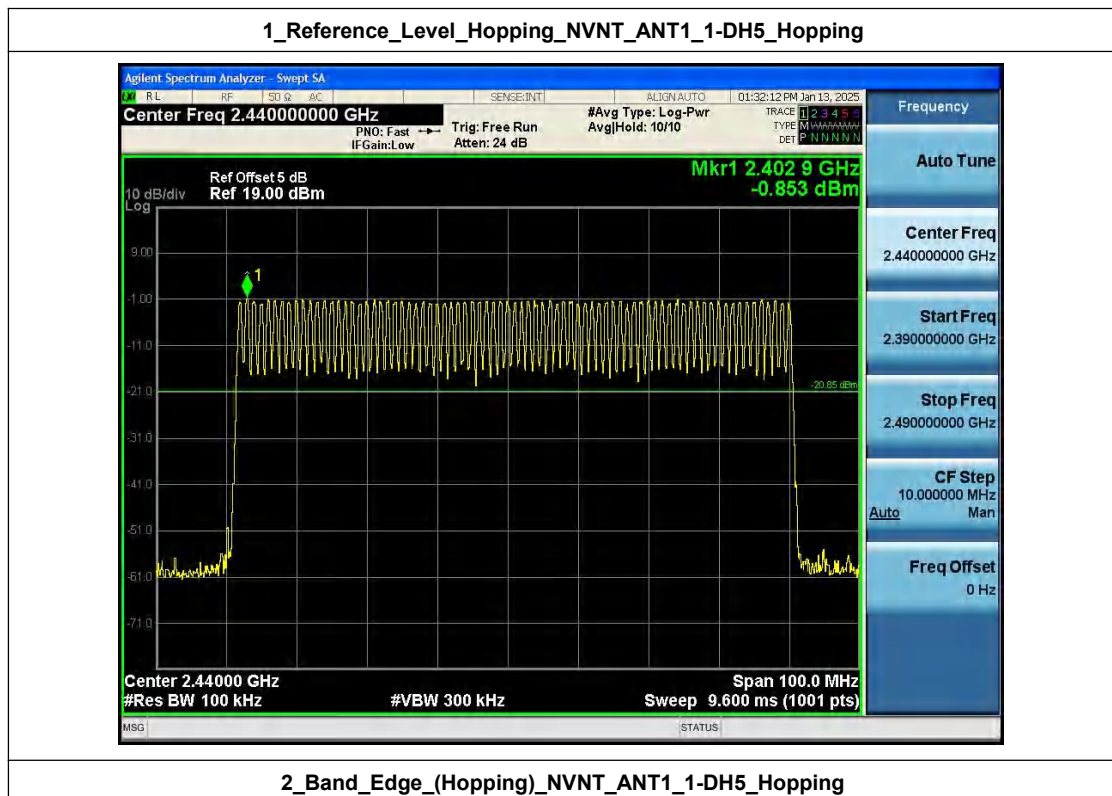
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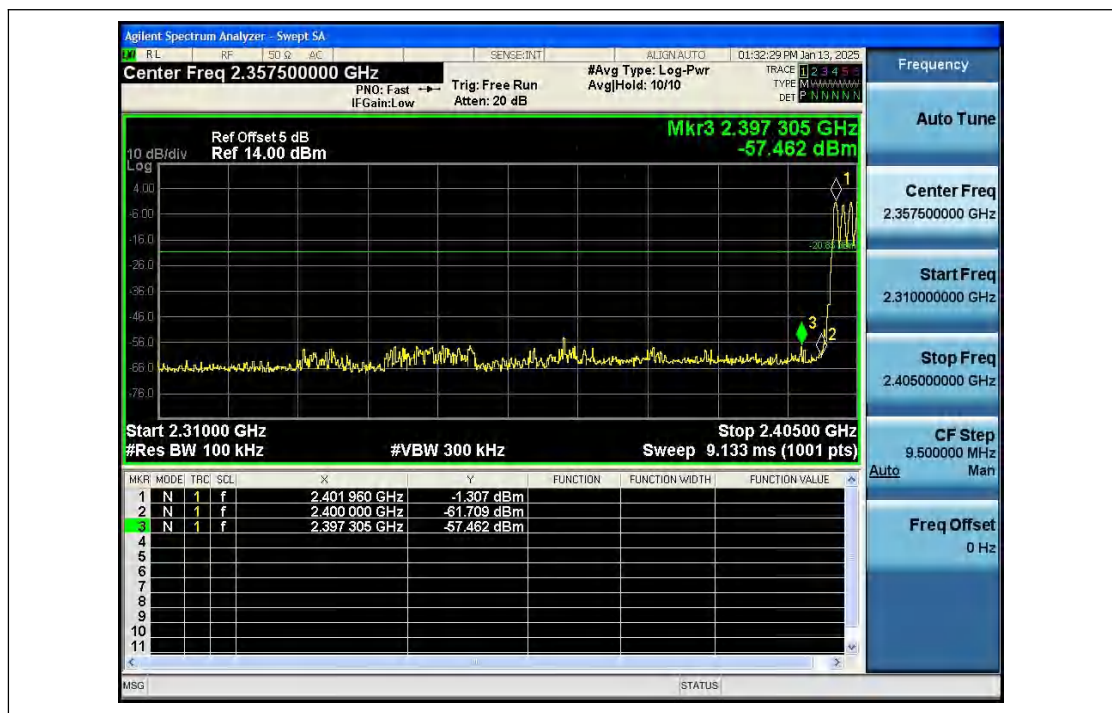
2_Bandedge_NVNT_ANT1_1-DH5_2402_00



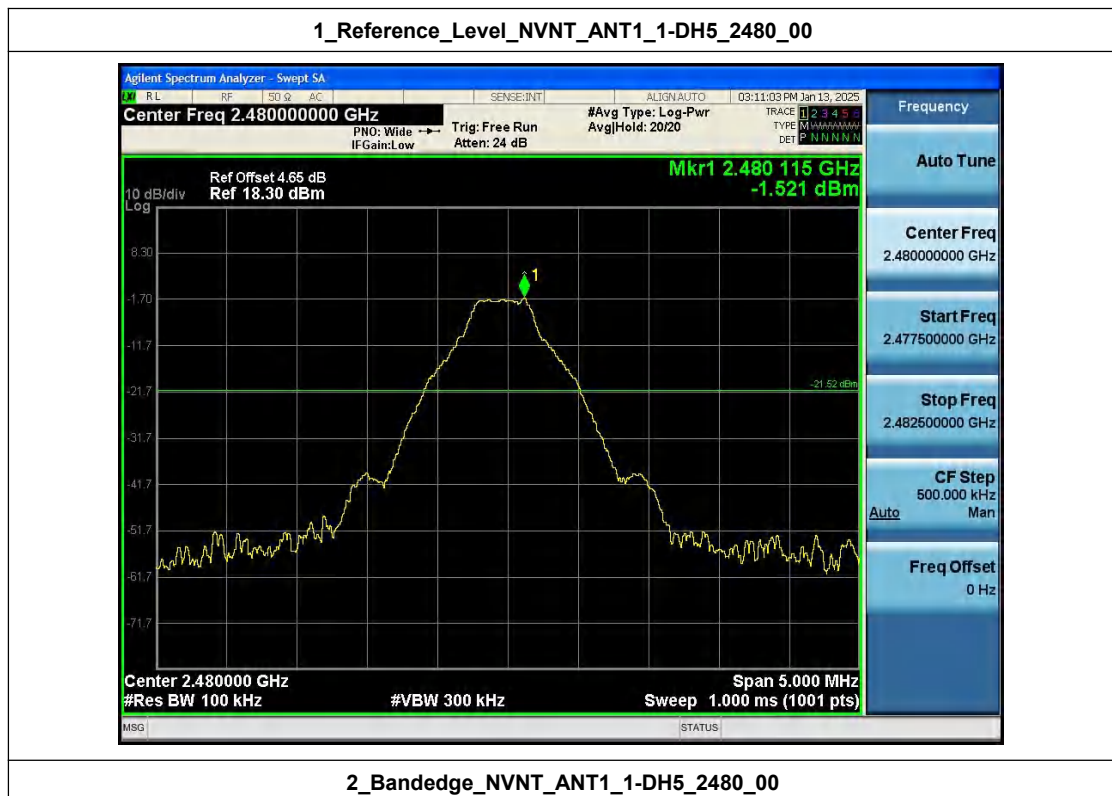
1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



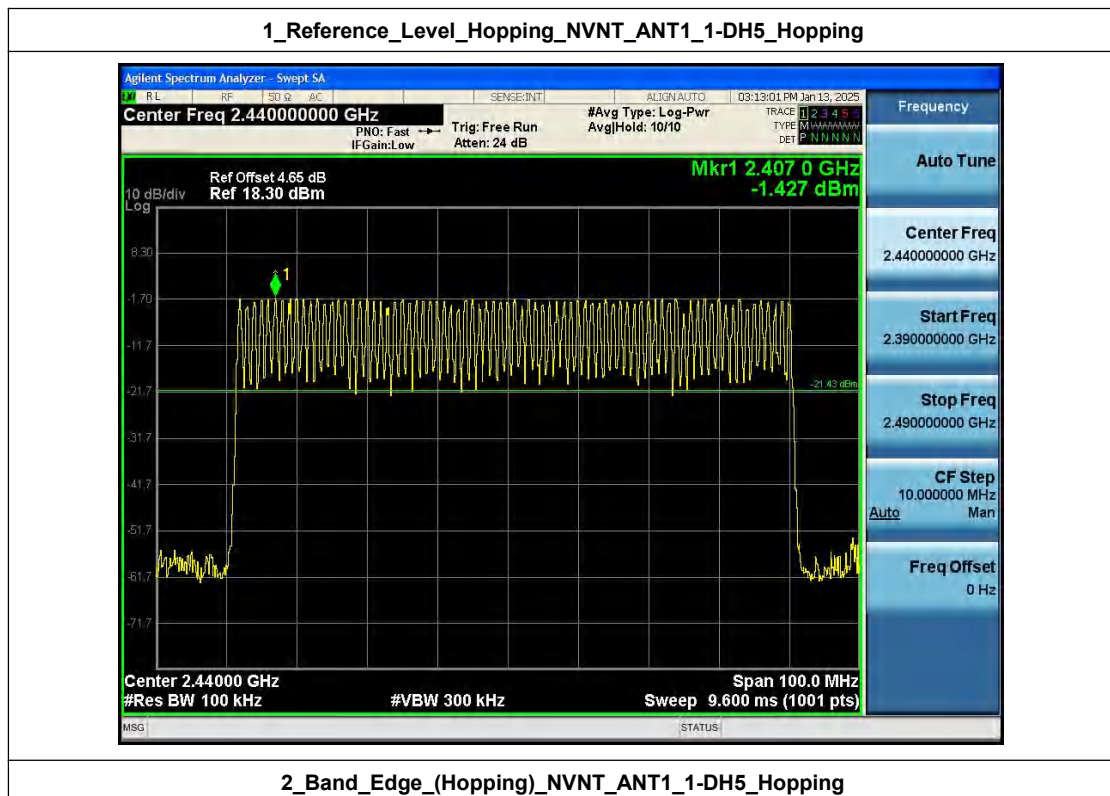
1_Reference_Level_NVNT_ANT1_1-DH5_2480_00



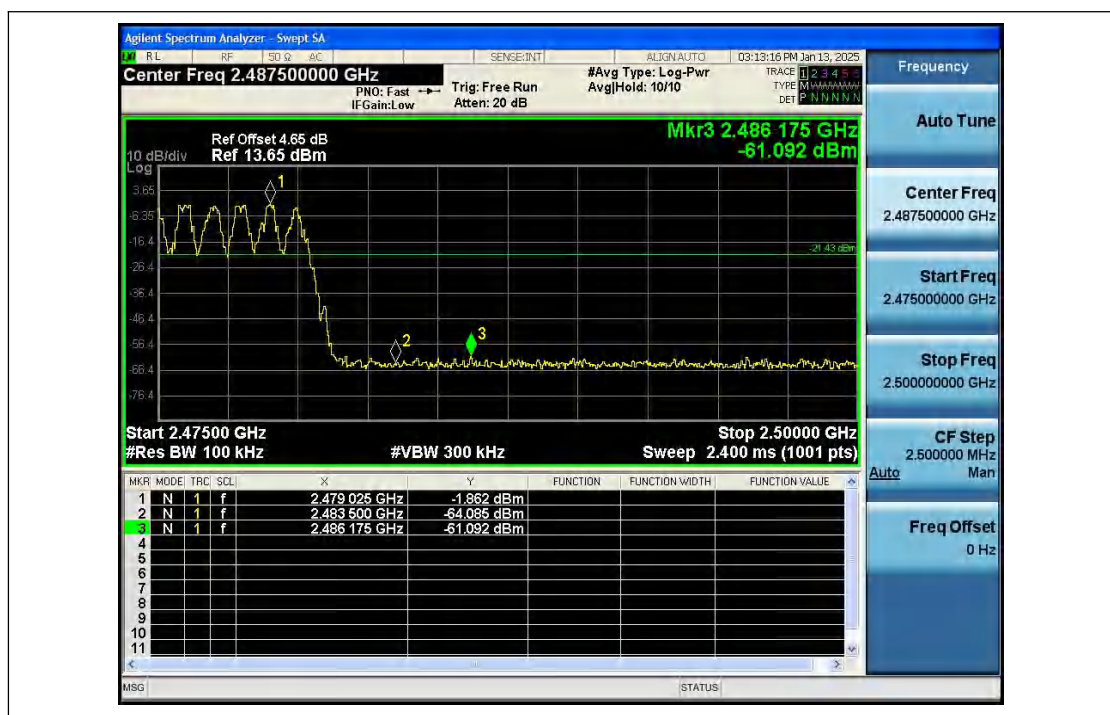
2_Bandedge_NVNT_ANT1_1-DH5_2480_00



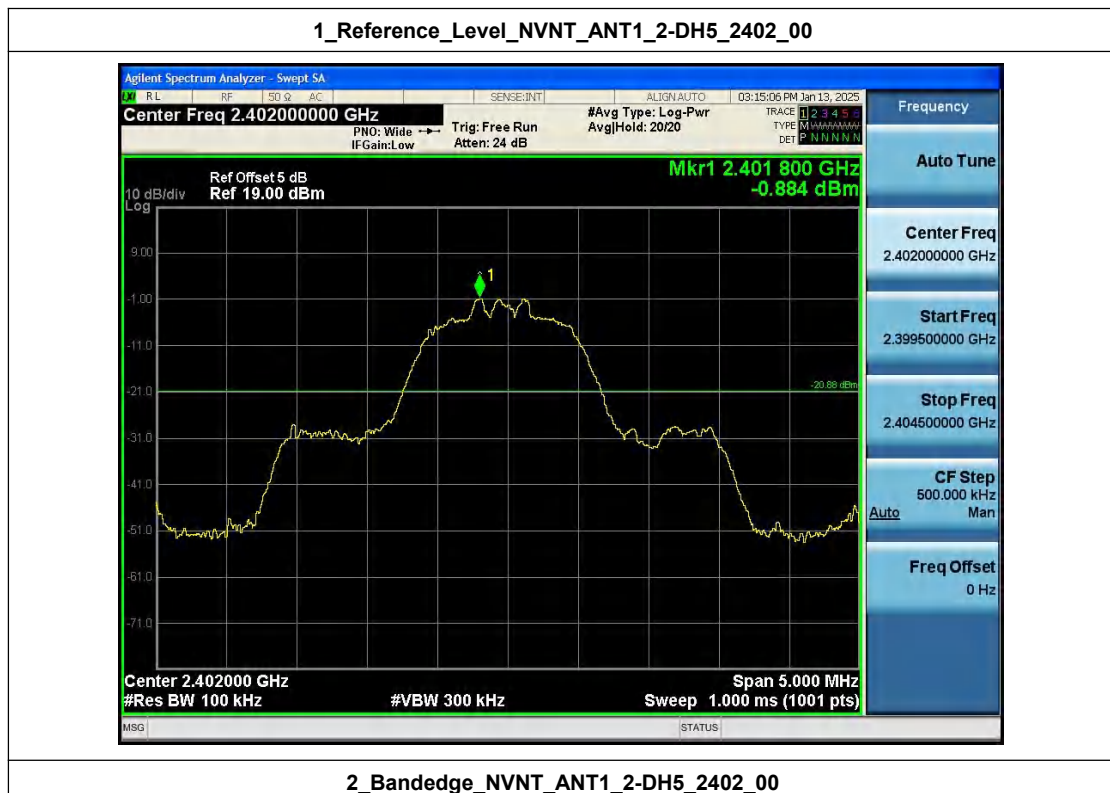
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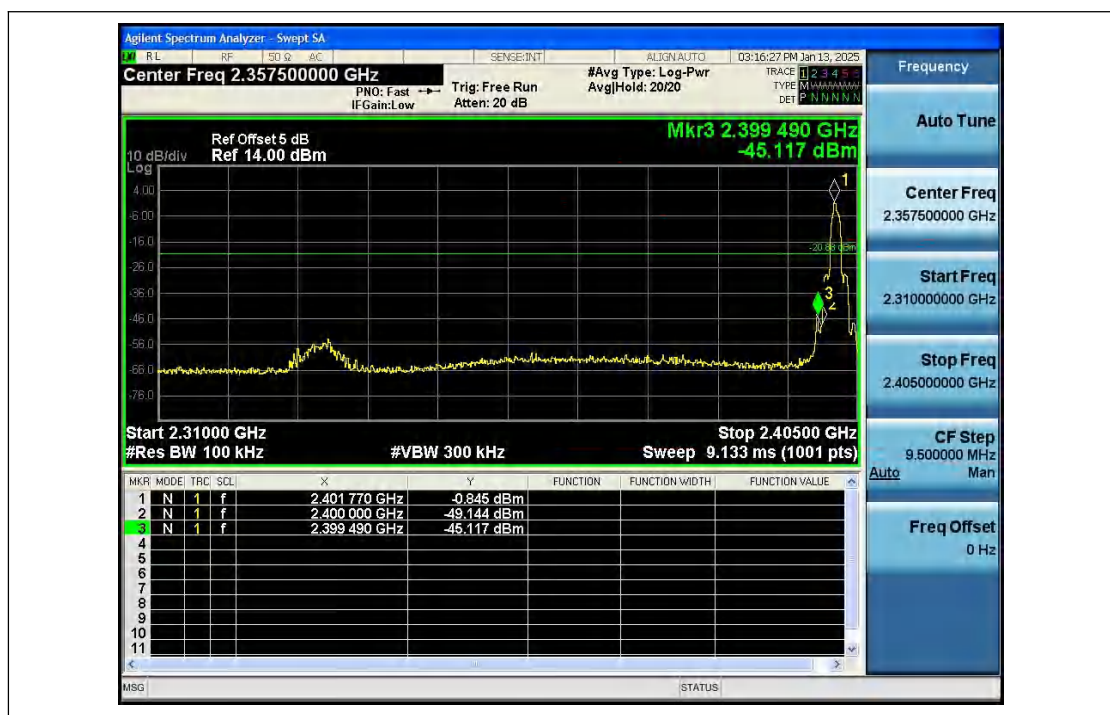
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



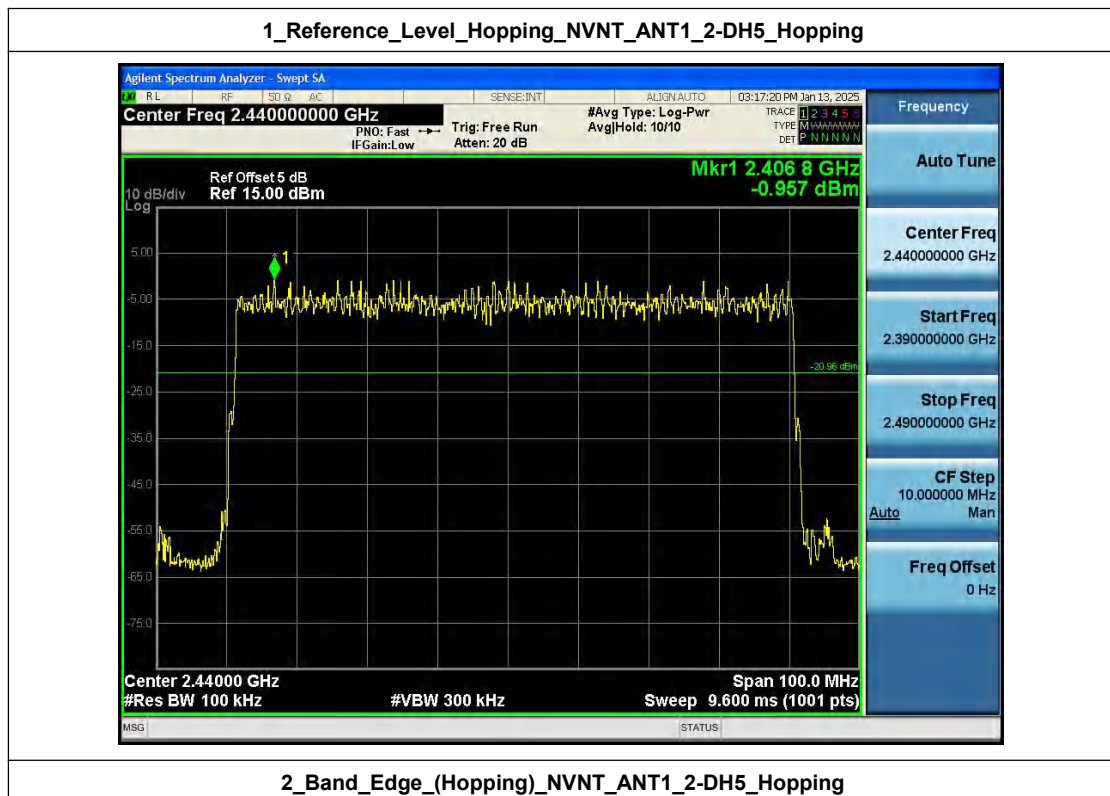
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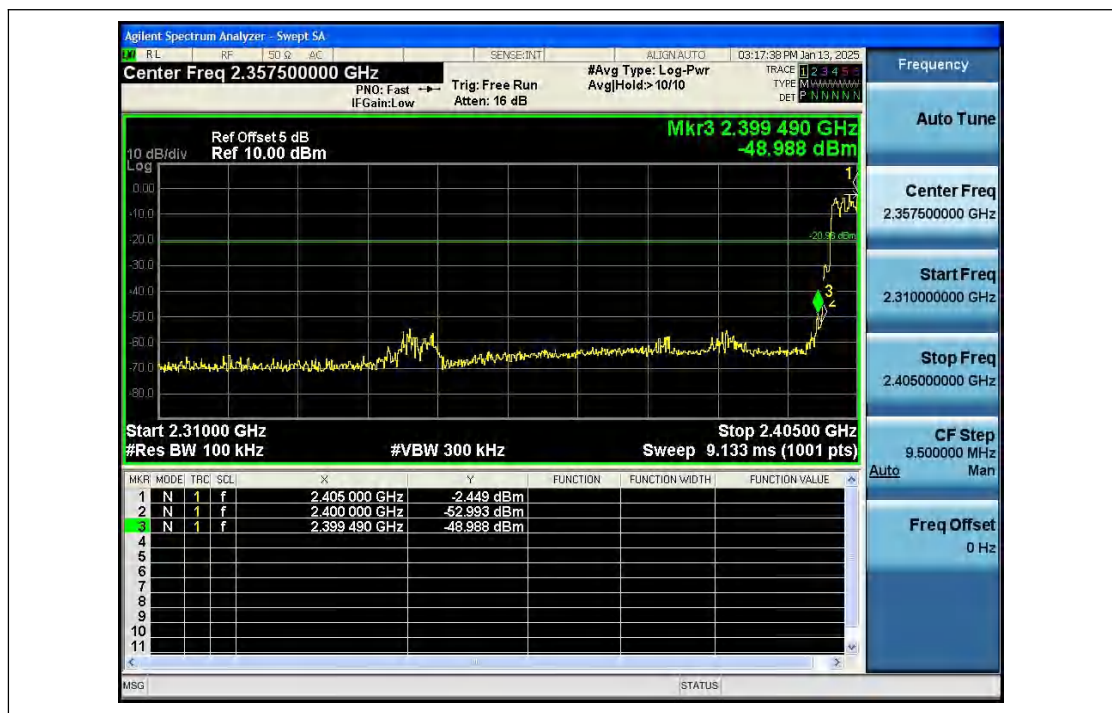
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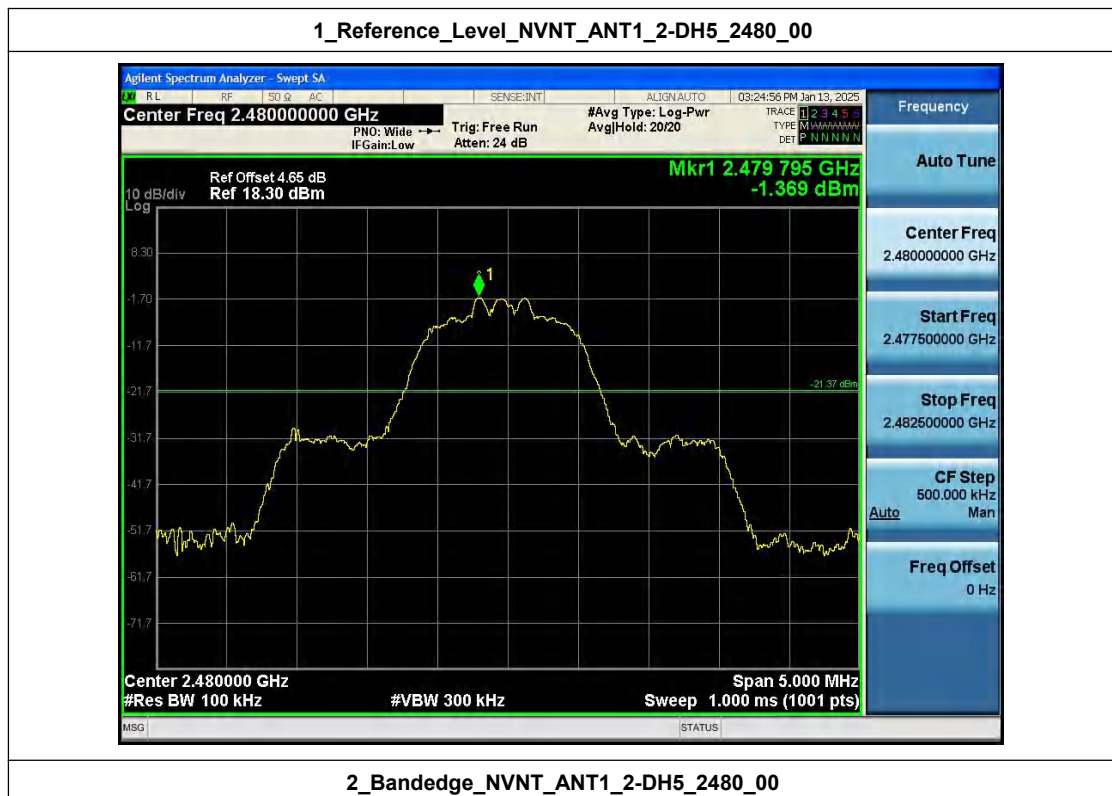
1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



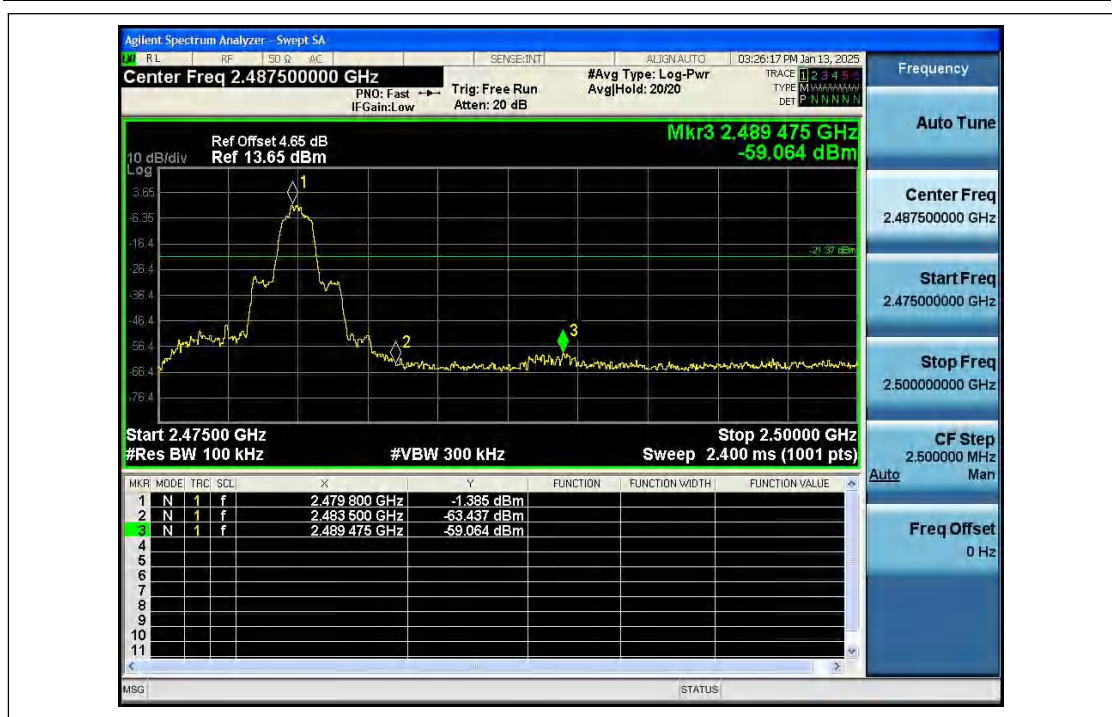
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



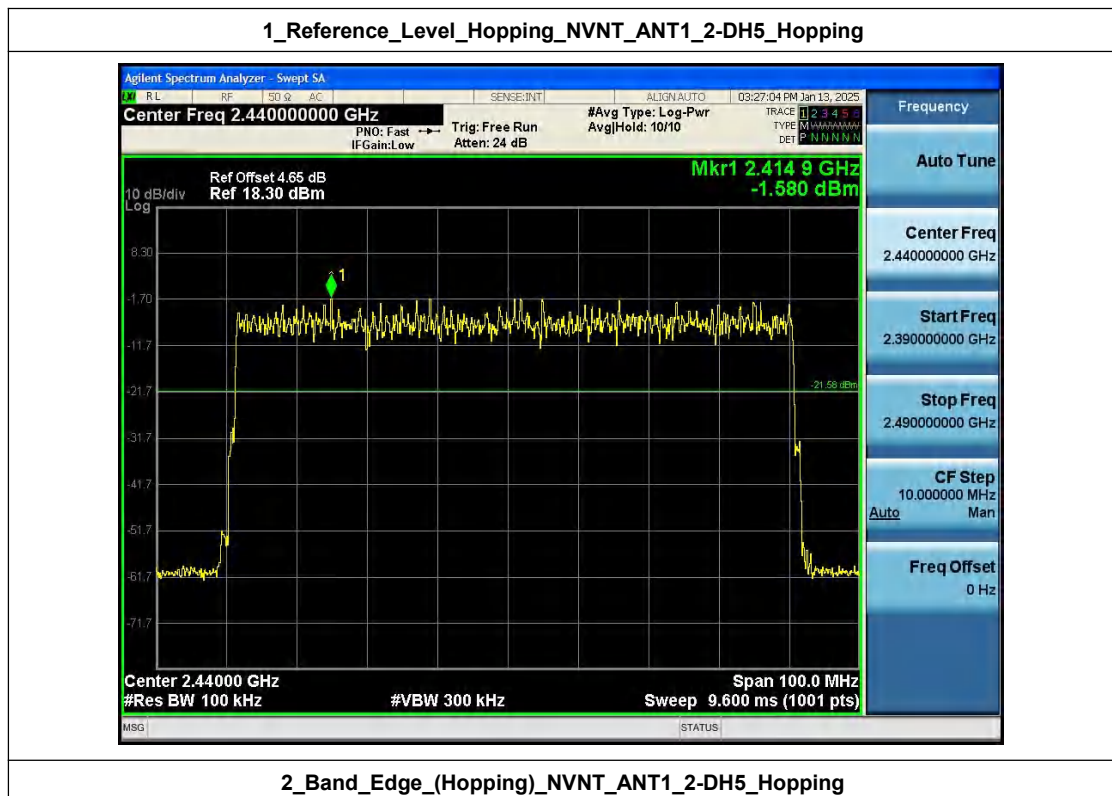
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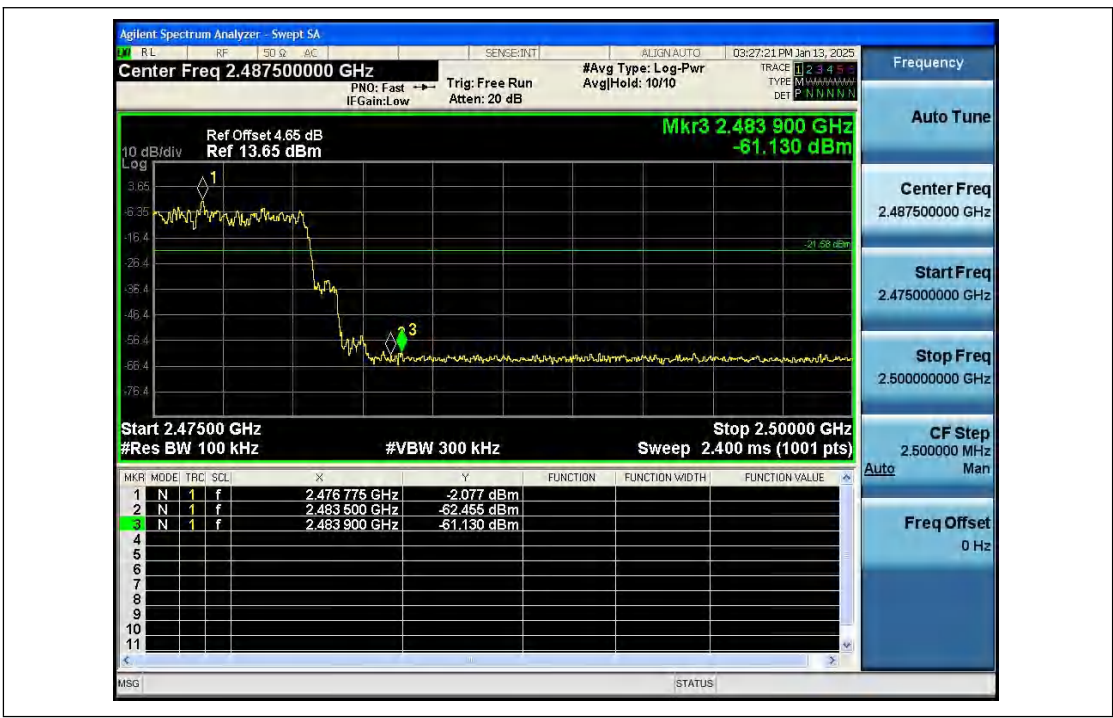
2_Bandedge_NVNT_ANT1_2-DH5_2480_00



1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



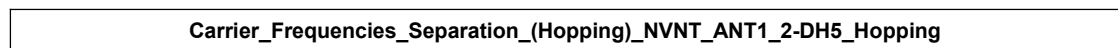
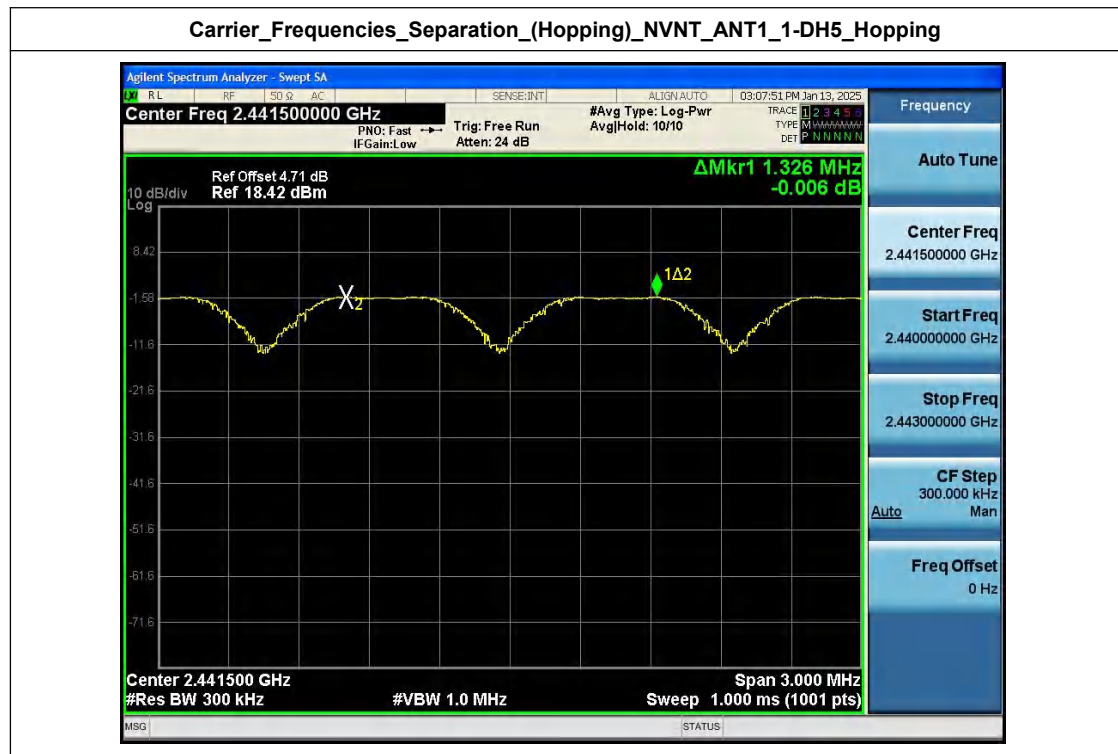
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Appendix G: Carrier Frequencies Separation (Hopping)

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	2440.801	2442.127	1.33	0.680	Pass
NVNT	ANT1	2-DH5	2441.00	2440.780	2441.794	1.01	0.892	Pass





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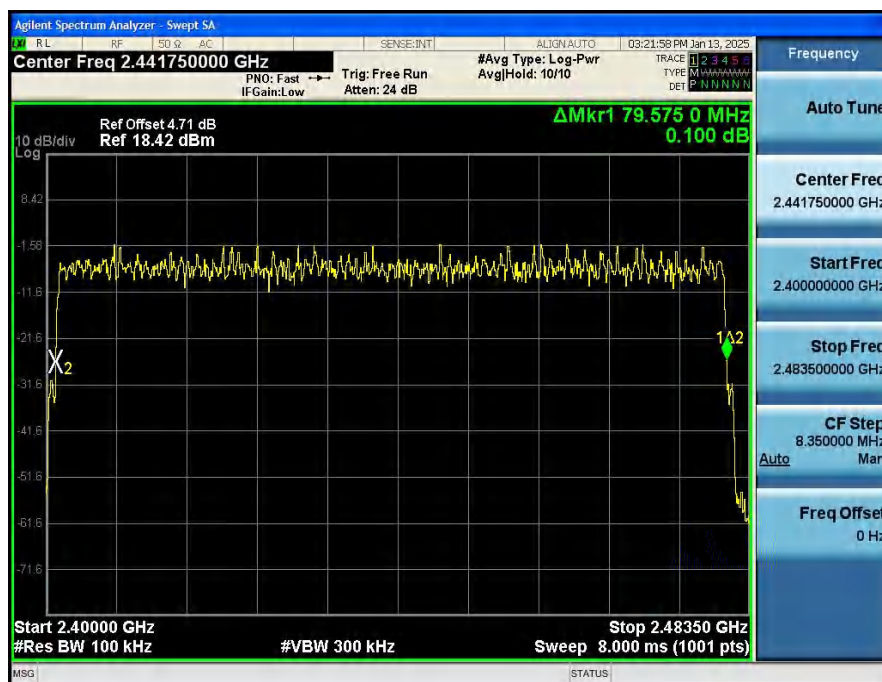
Appendix H: Number of Hopping Channel (Hopping)

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

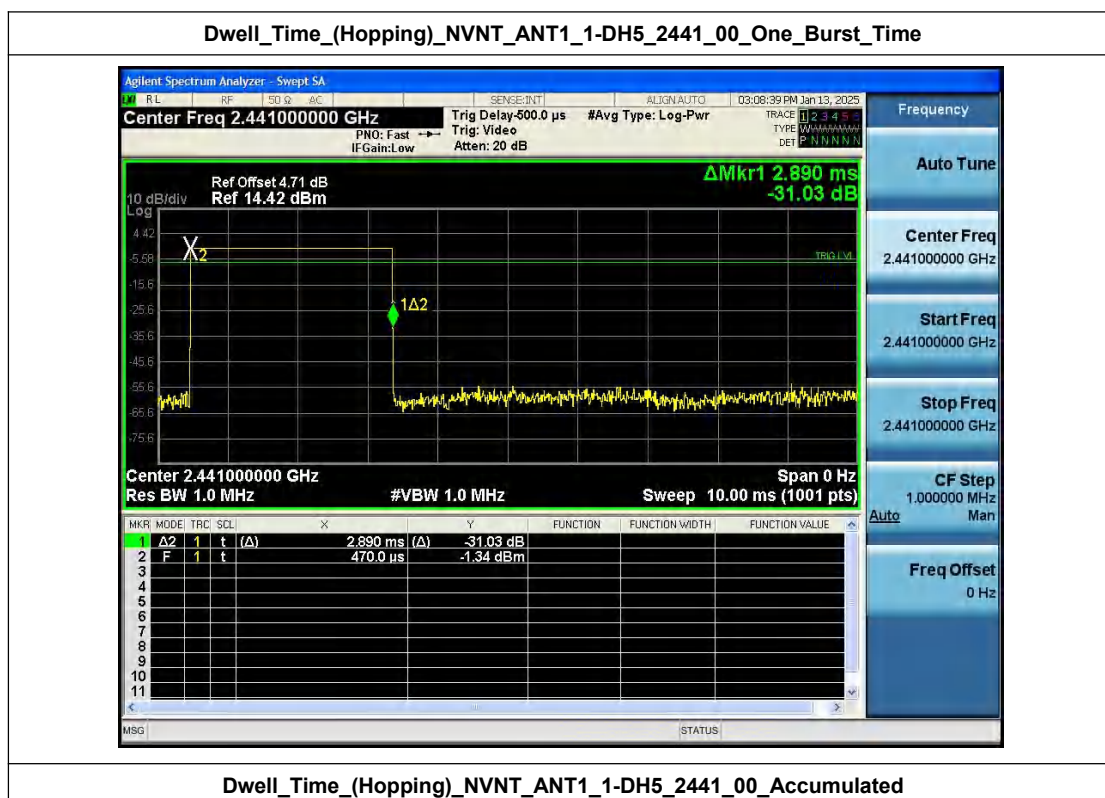


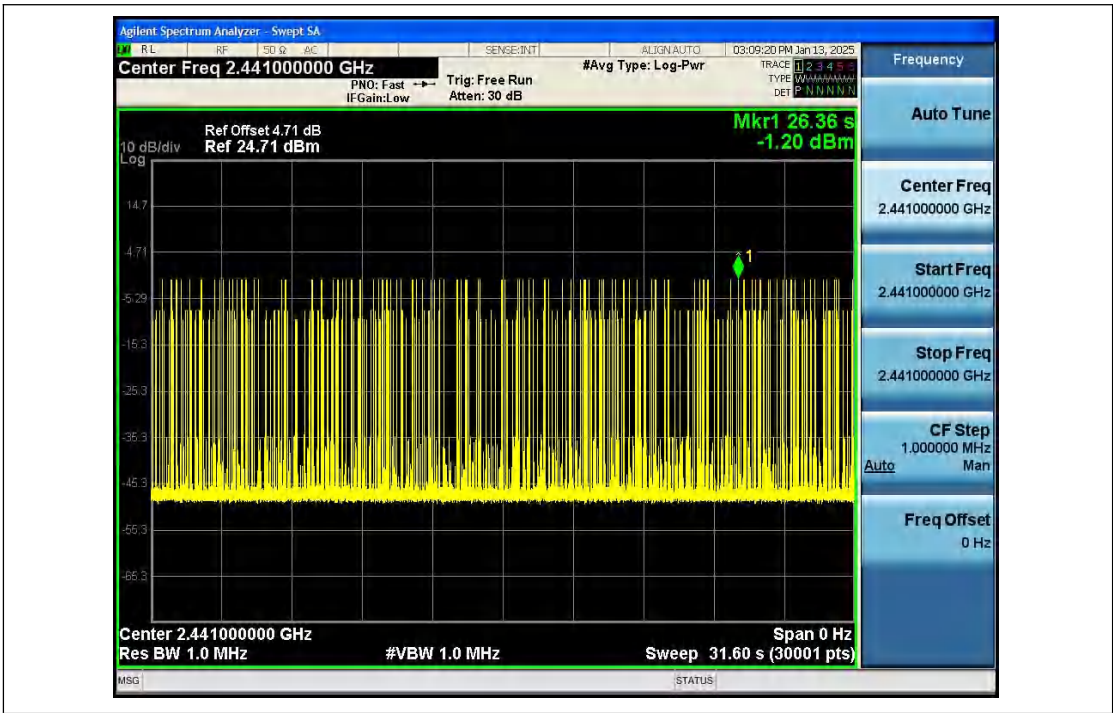
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-DH5_Hopping



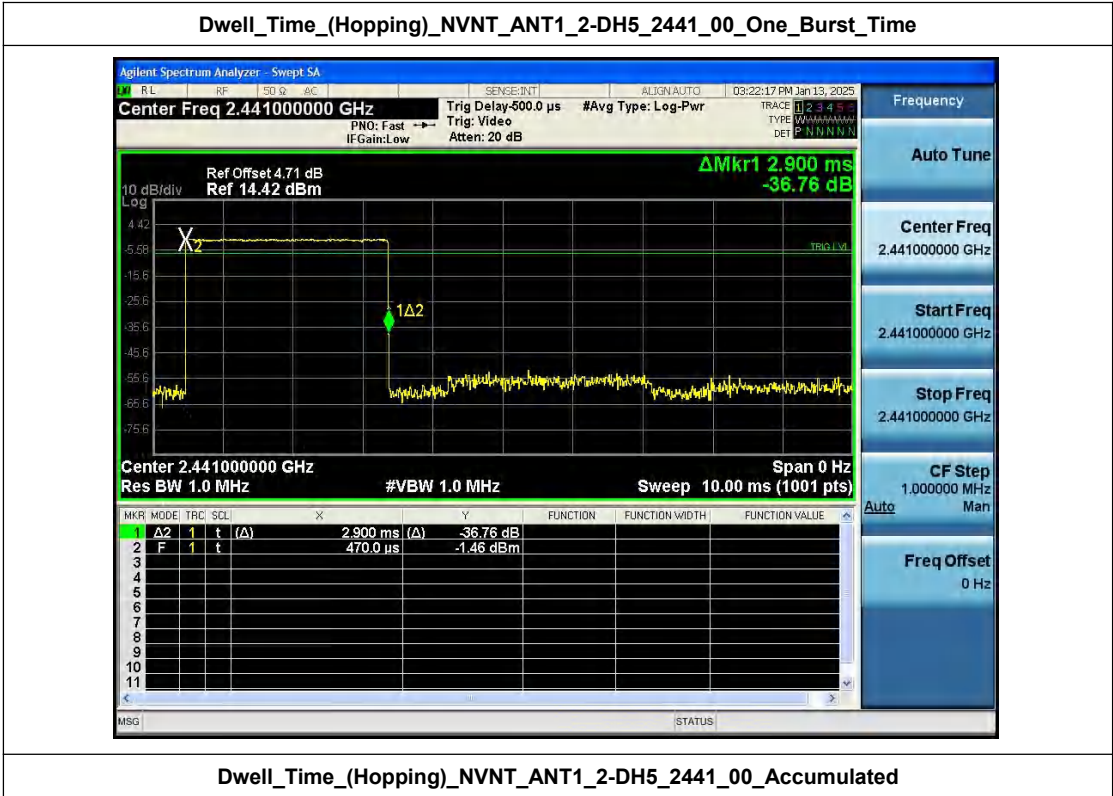
Appendix I: Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.890	119.00	343.910	0.40	Pass
NVNT	ANT1	2-DH5	2.900	116.00	336.400	0.40	Pass
NVNT	ANT1	1-DH1	0.390	320.00	124.800	0.40	Pass
NVNT	ANT1	1-DH3	1.650	162.00	267.300	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	2-DH3	1.650	155.00	255.750	0.40	Pass

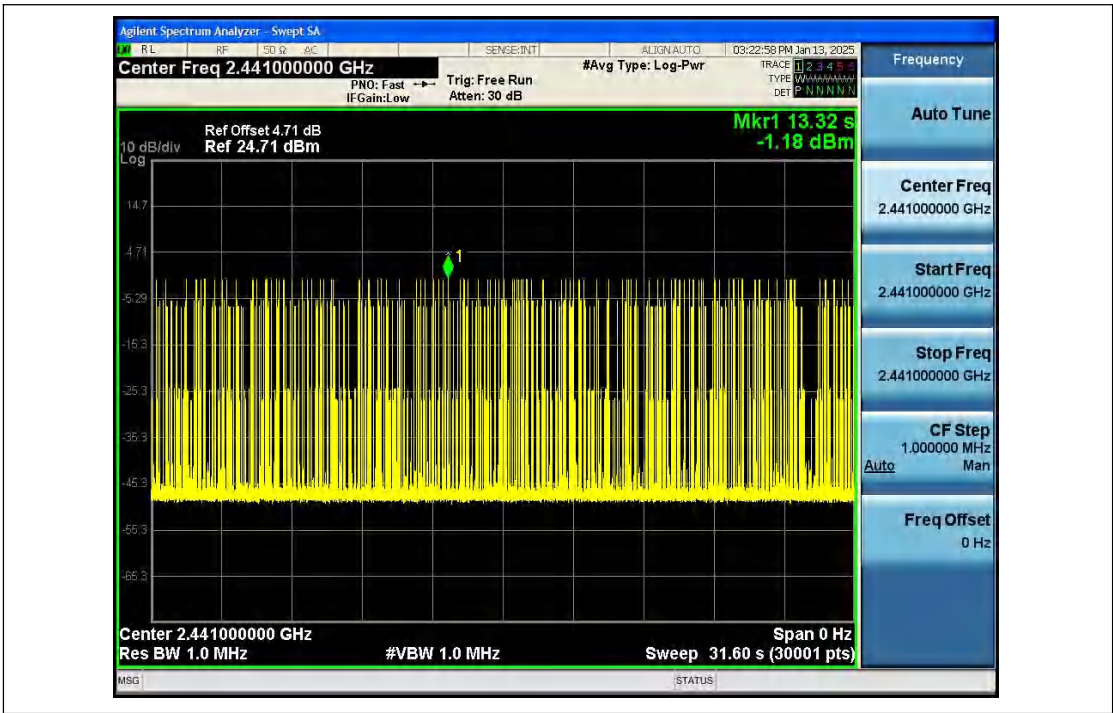




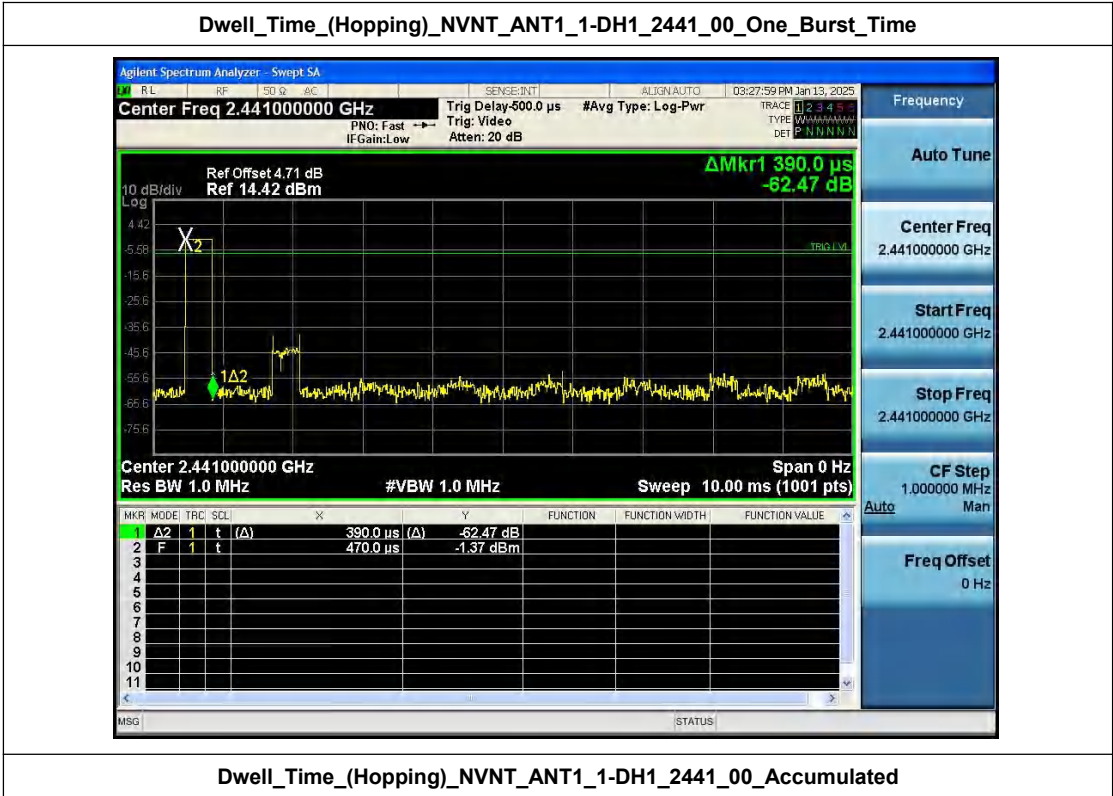
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time



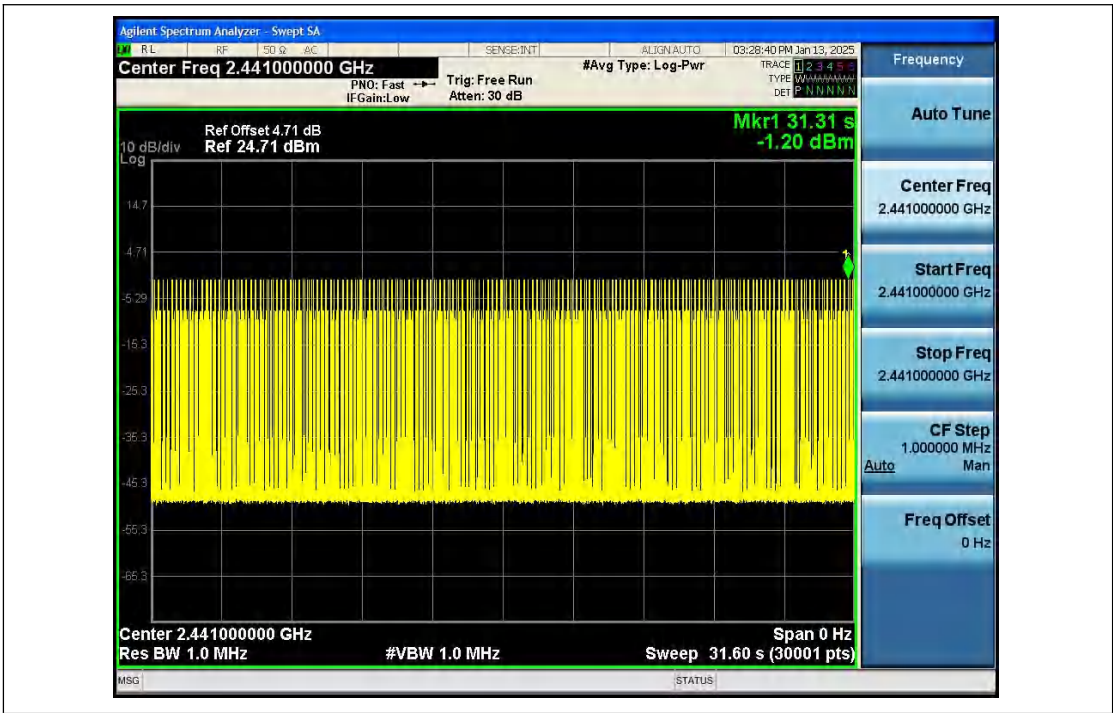
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



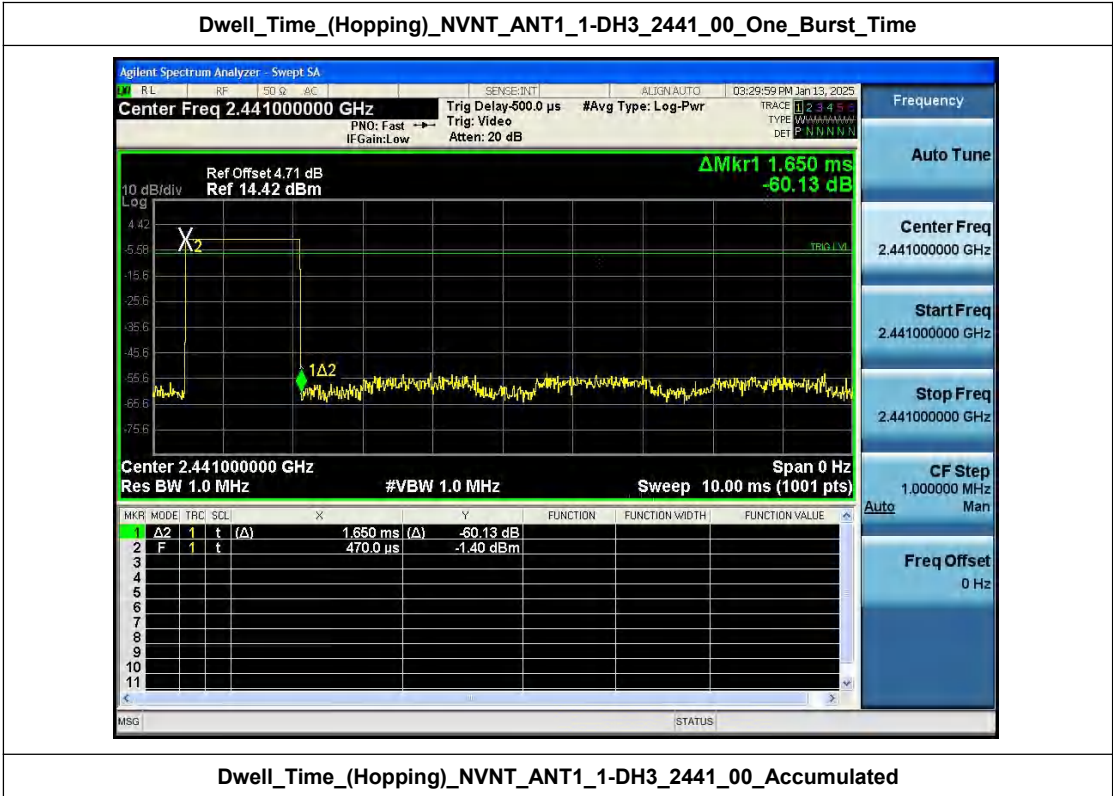
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_One_Burst_Time



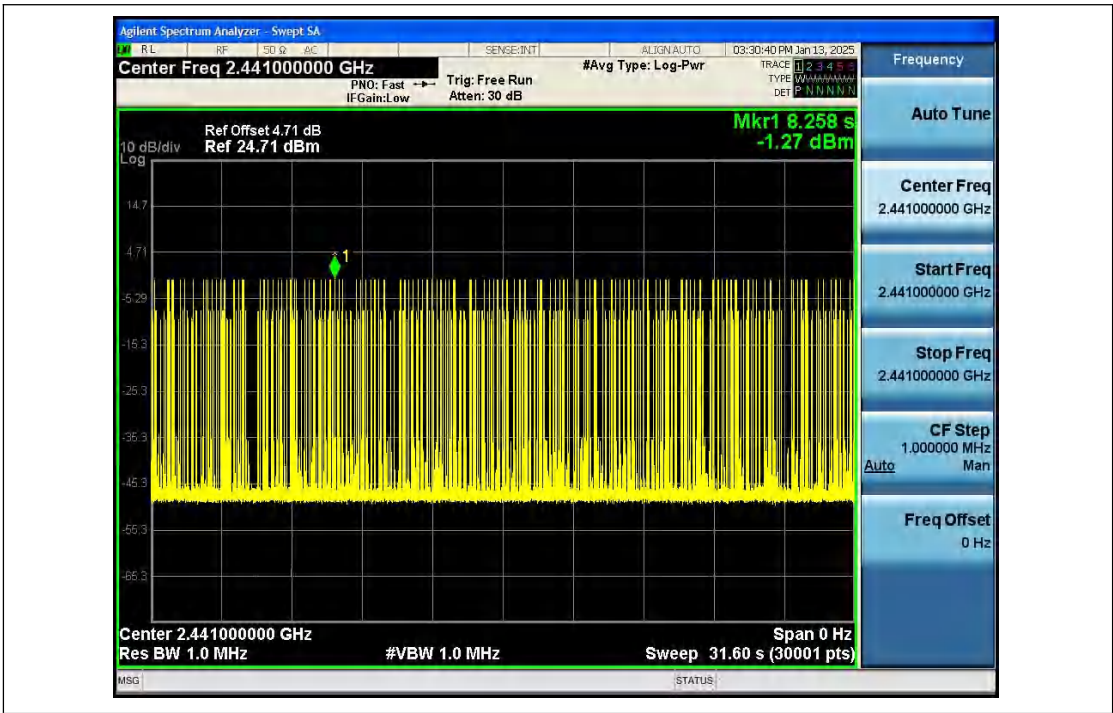
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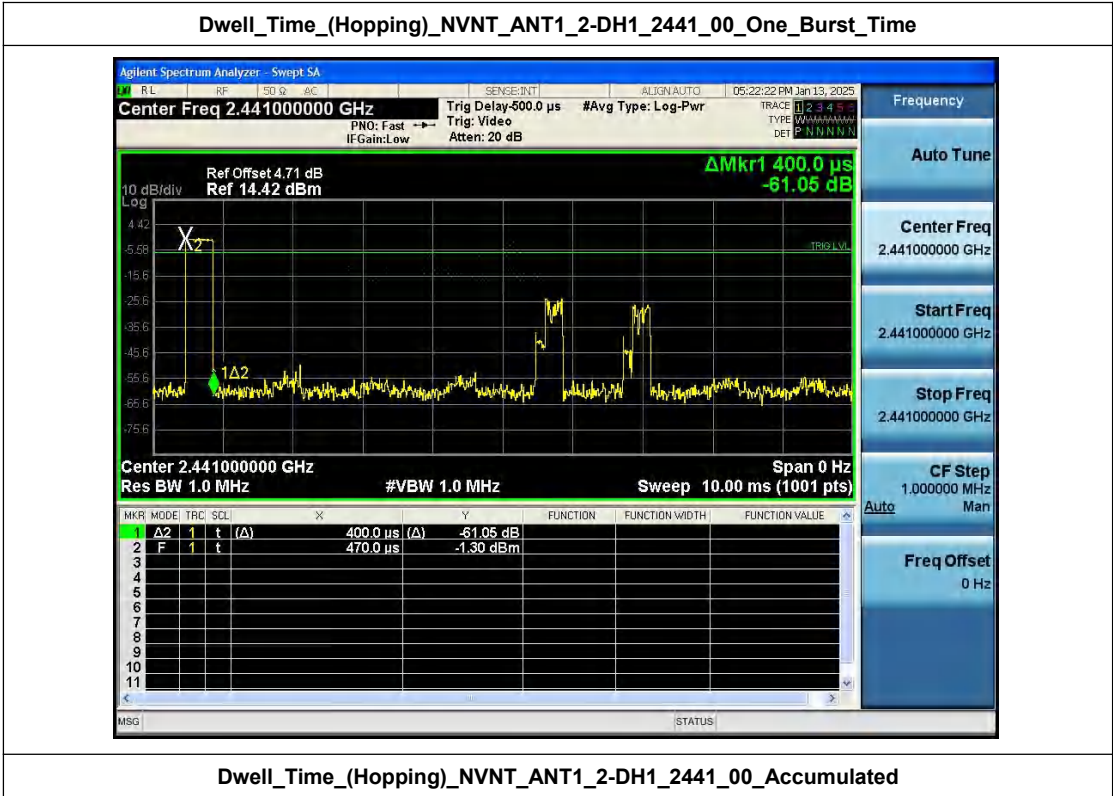
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time



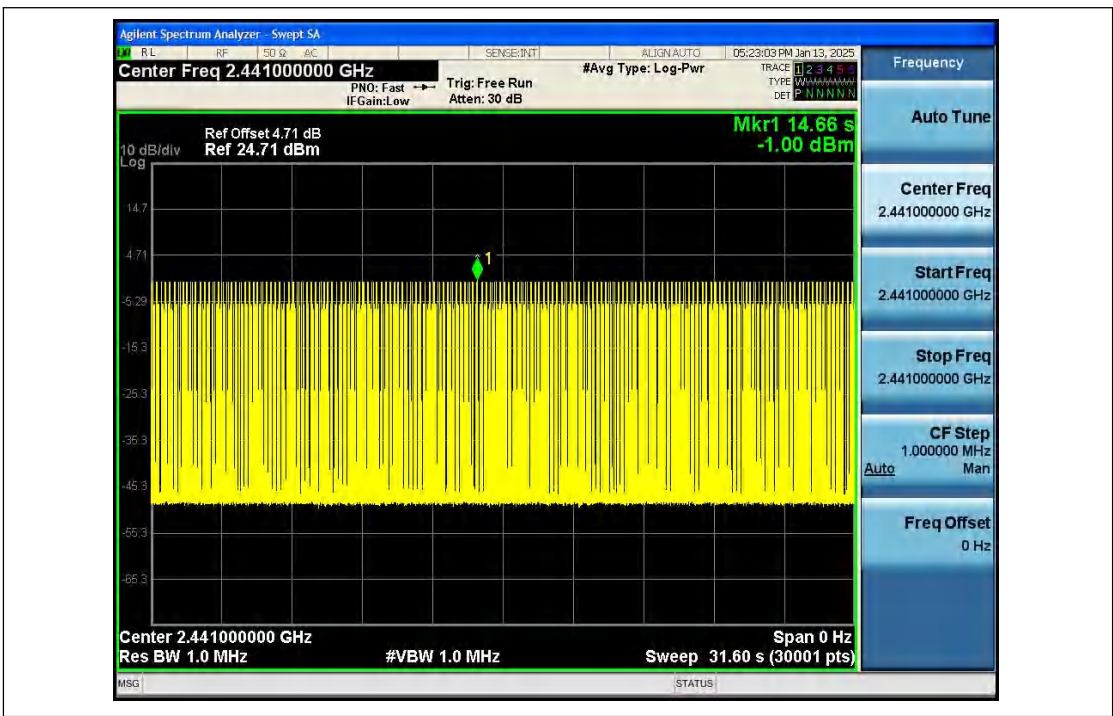
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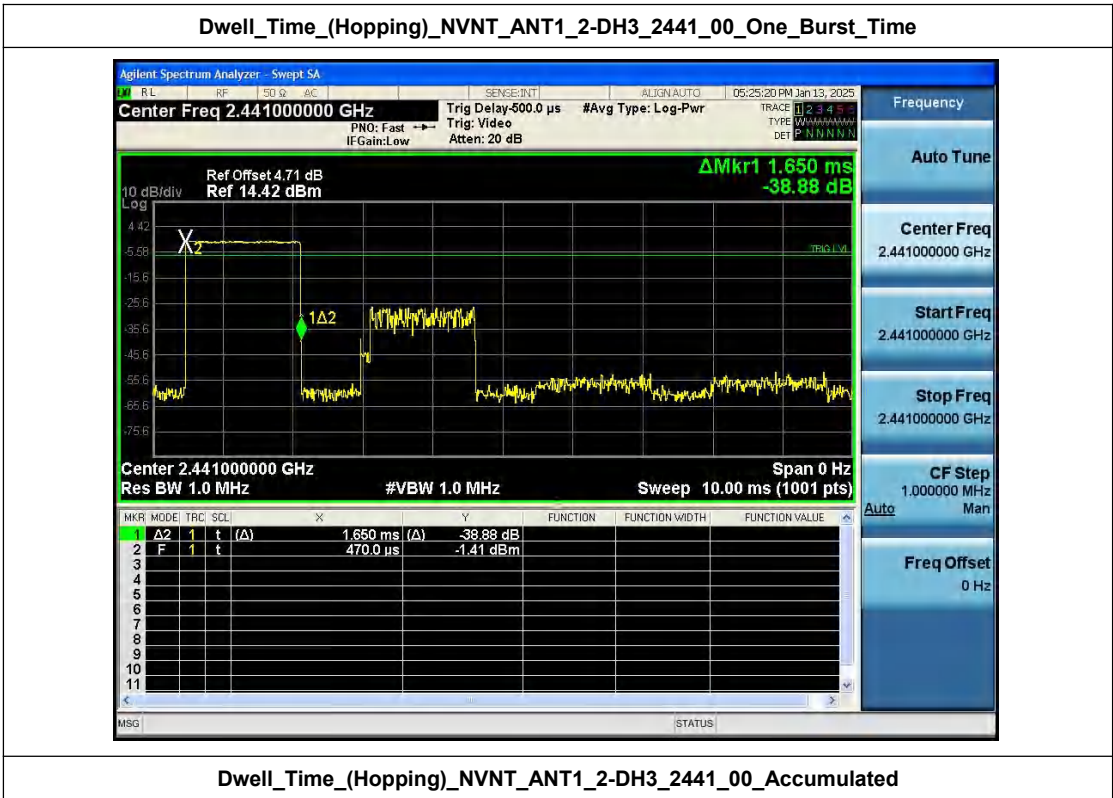
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_Accumulated

