

Appendix Test Data

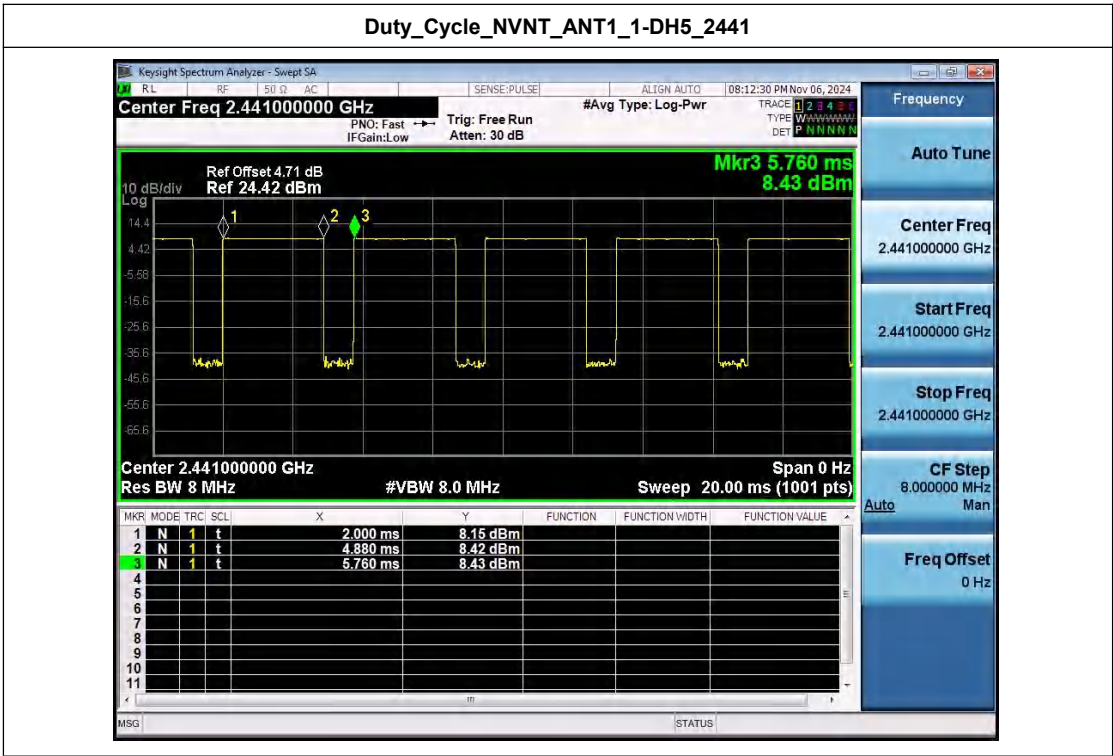
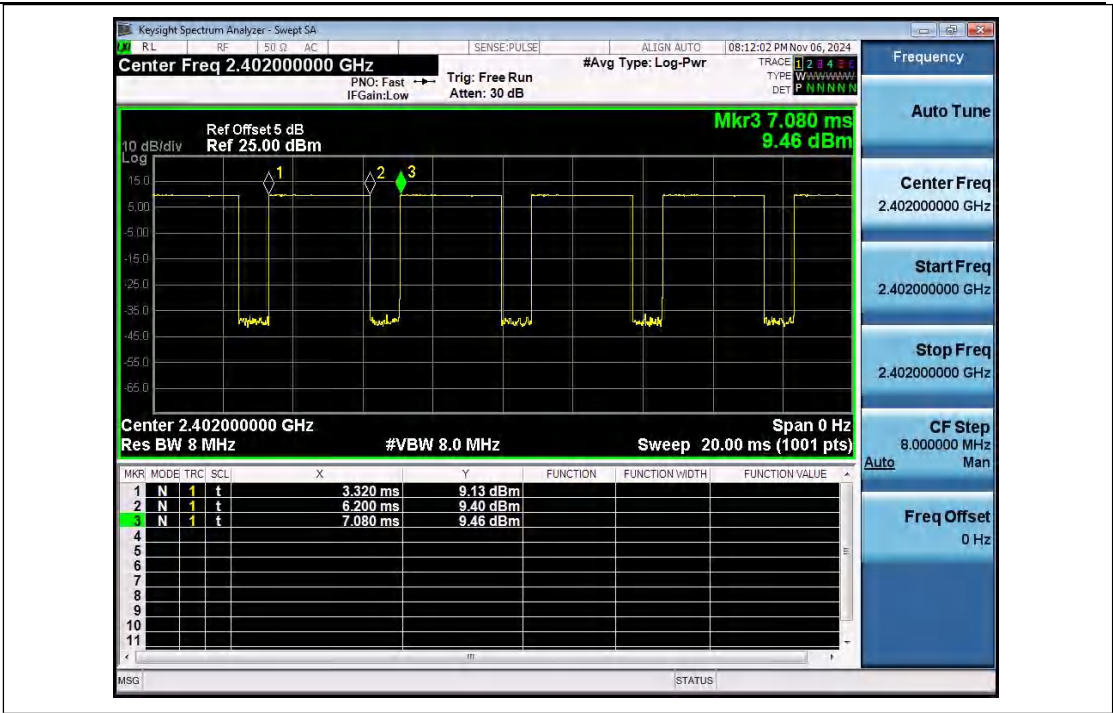
Report No.:	1819C40070812501	Test Sample No.:	1-2-2
Start Test Date:	2024.11.1	Finish Test Date:	2025.1.3
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	24°C	Relative Humidity:	48%
Pressure:	101kPa		

Appendix A: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH5	2402.00	77.13	1.13
NVNT	ANT1	1-DH5	2441.00	77.13	1.13
NVNT	ANT1	1-DH5	2480.00	77.13	1.13
NVNT	ANT1	2-DH5	2402.00	77.54	1.10
NVNT	ANT1	2-DH5	2441.00	77.01	1.13
NVNT	ANT1	2-DH5	2480.00	77.54	1.10
NVNT	ANT1	3-DH5	2402.00	77.13	1.13
NVNT	ANT1	3-DH5	2441.00	77.01	1.13
NVNT	ANT1	3-DH5	2480.00	77.66	1.10

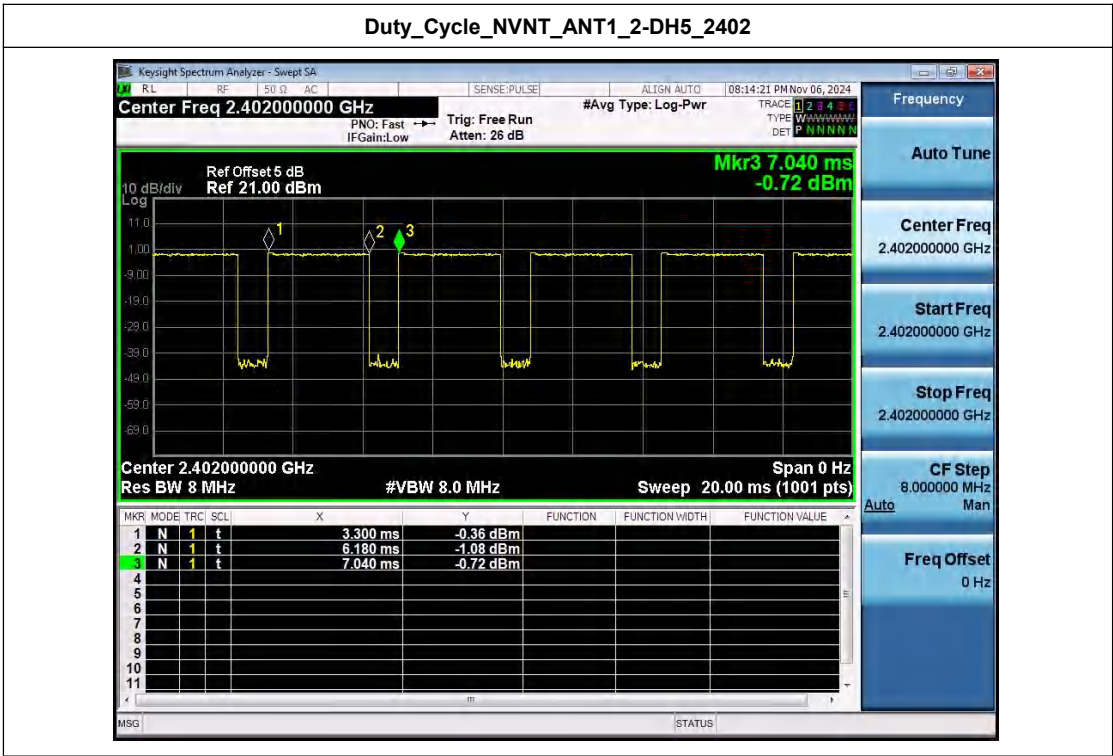
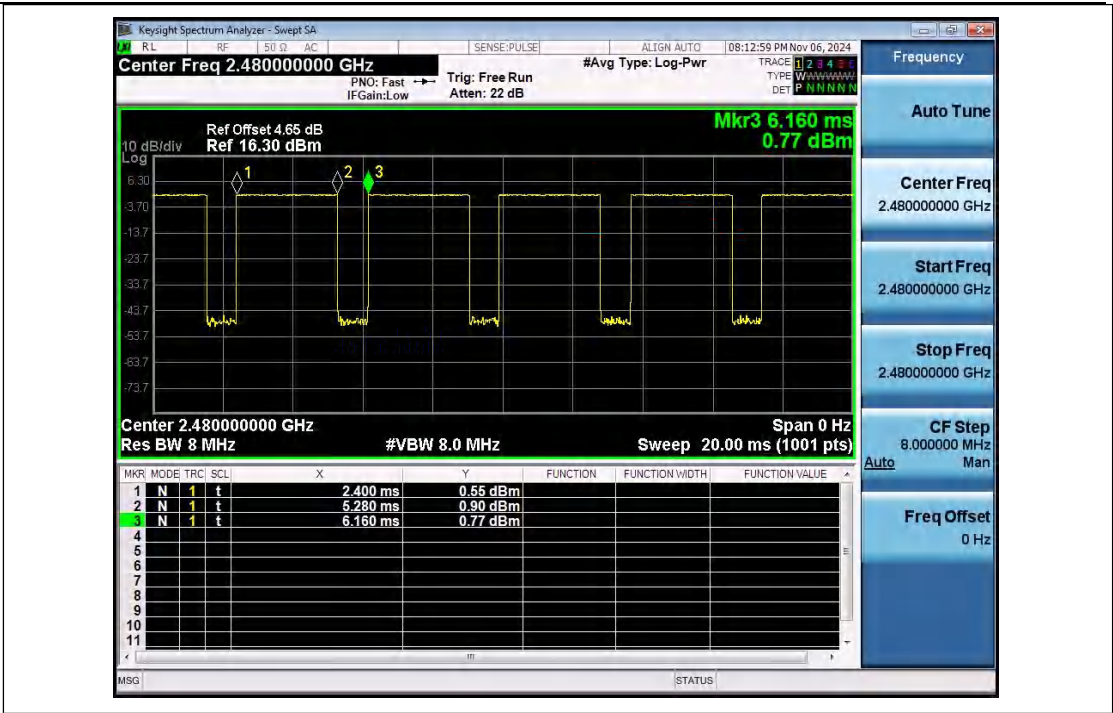
Duty_Cycle_NVNT_ANT1_1-DH5_2402





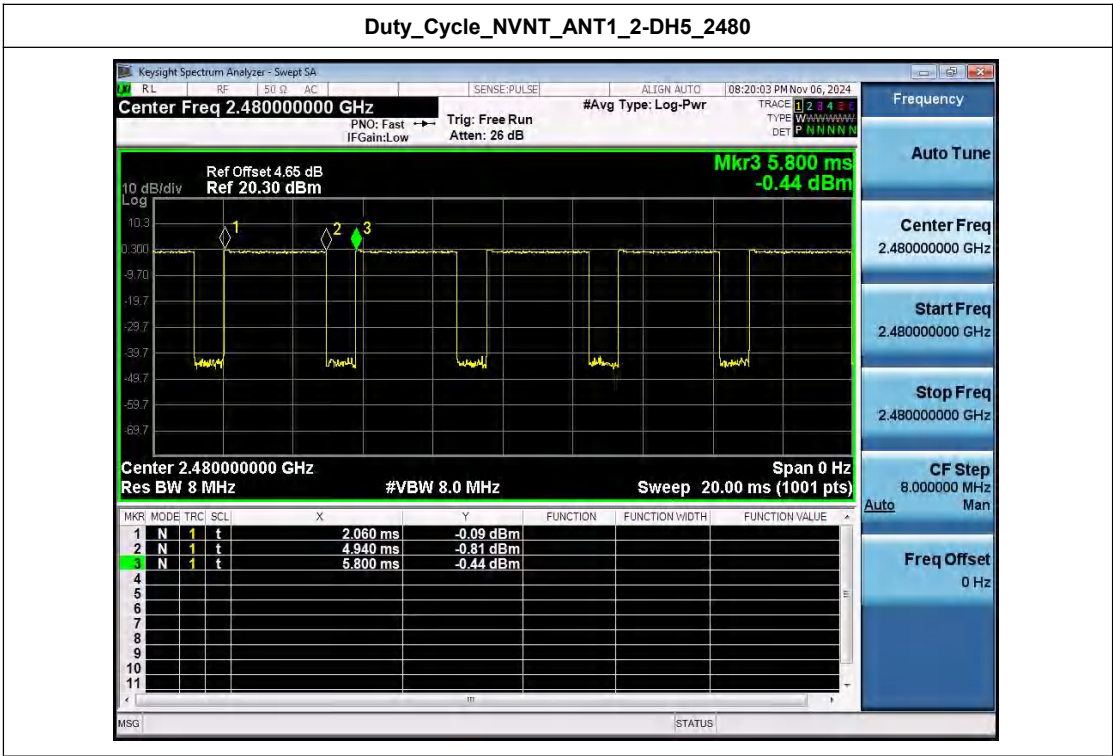
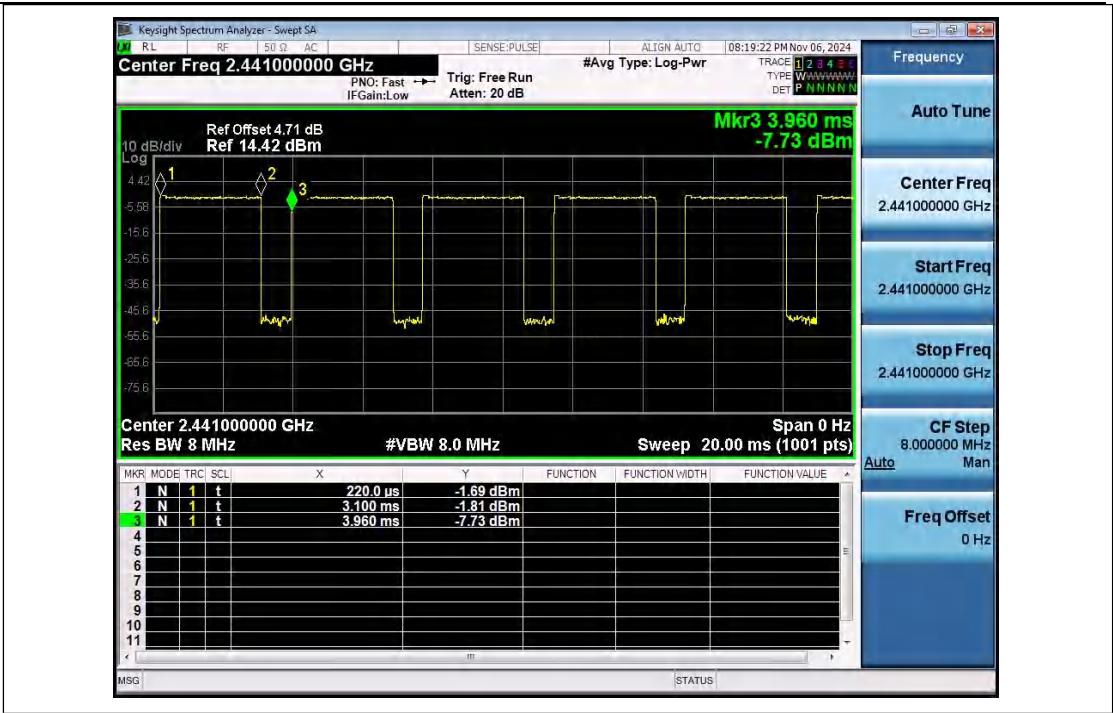
Duty_Cycle_NVNT_ANT1_1-DH5_2480





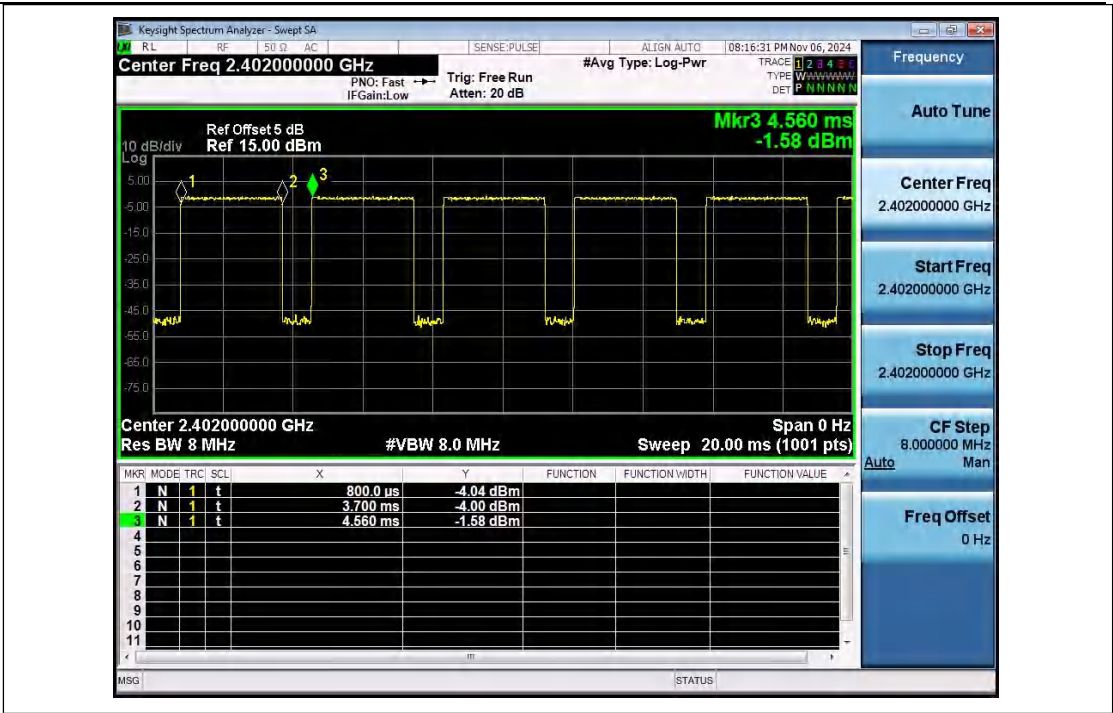
Duty_Cycle_NVNT_ANT1_2-DH5_2441



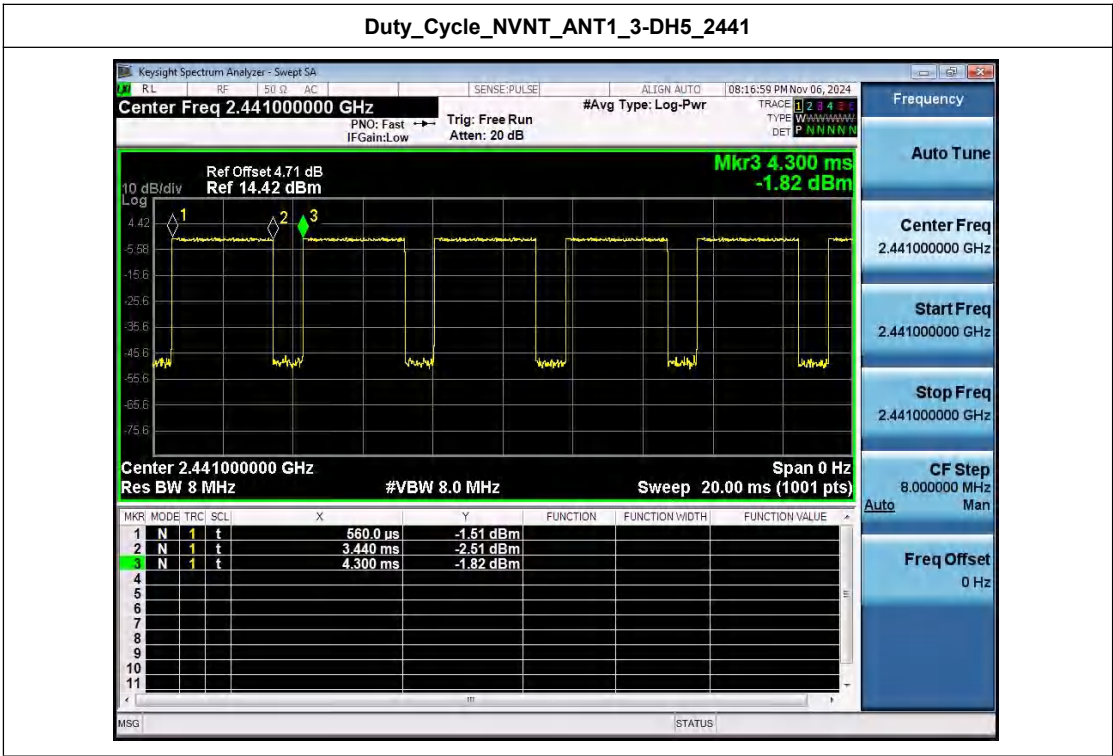


Duty_Cycle_NVNT_ANT1_3-DH5_2402



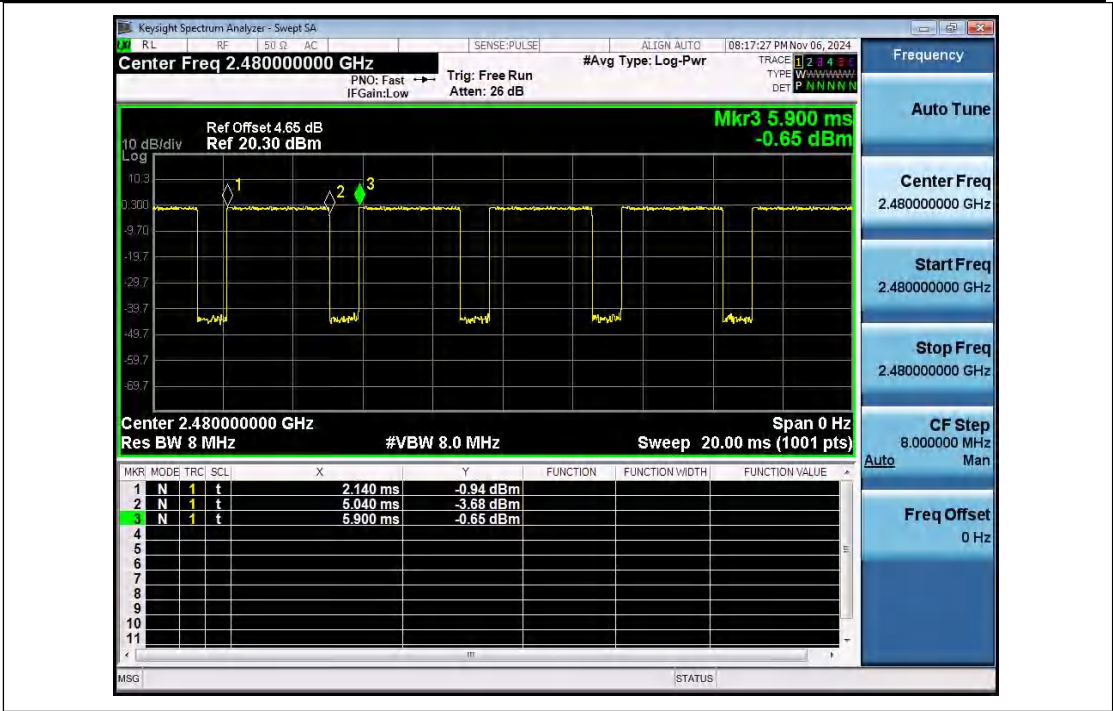


Duty_Cycle_NVNT_ANT1_3-DH5_2441



Duty_Cycle_NVNT_ANT1_3-DH5_2480





Shenzhen Anbotek Compliance Laboratory Limited

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Tel: (86) 0755-26066440 Email: service@anbotek.com

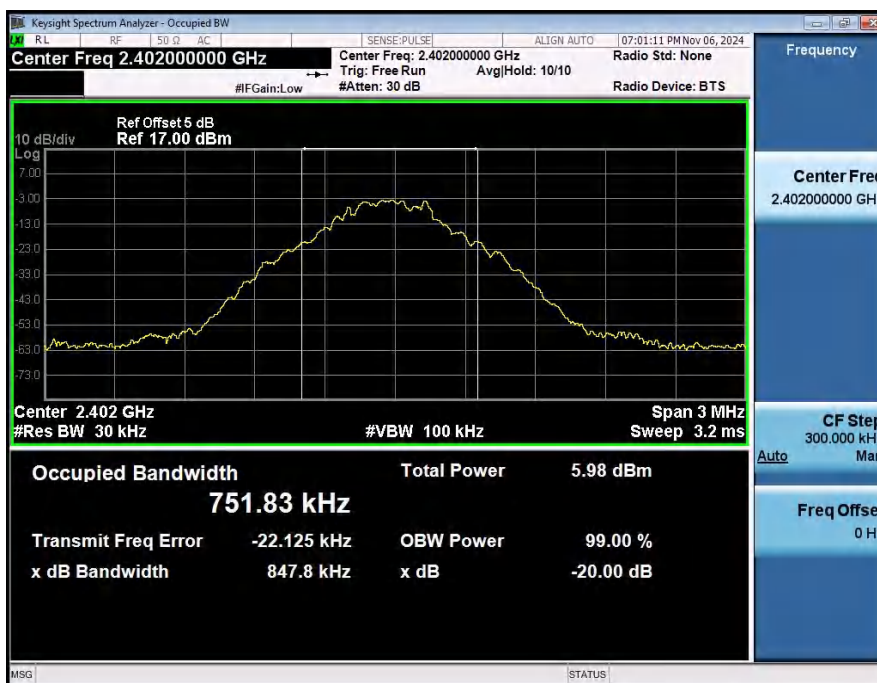
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Appendix B: -20dB Bandwidth

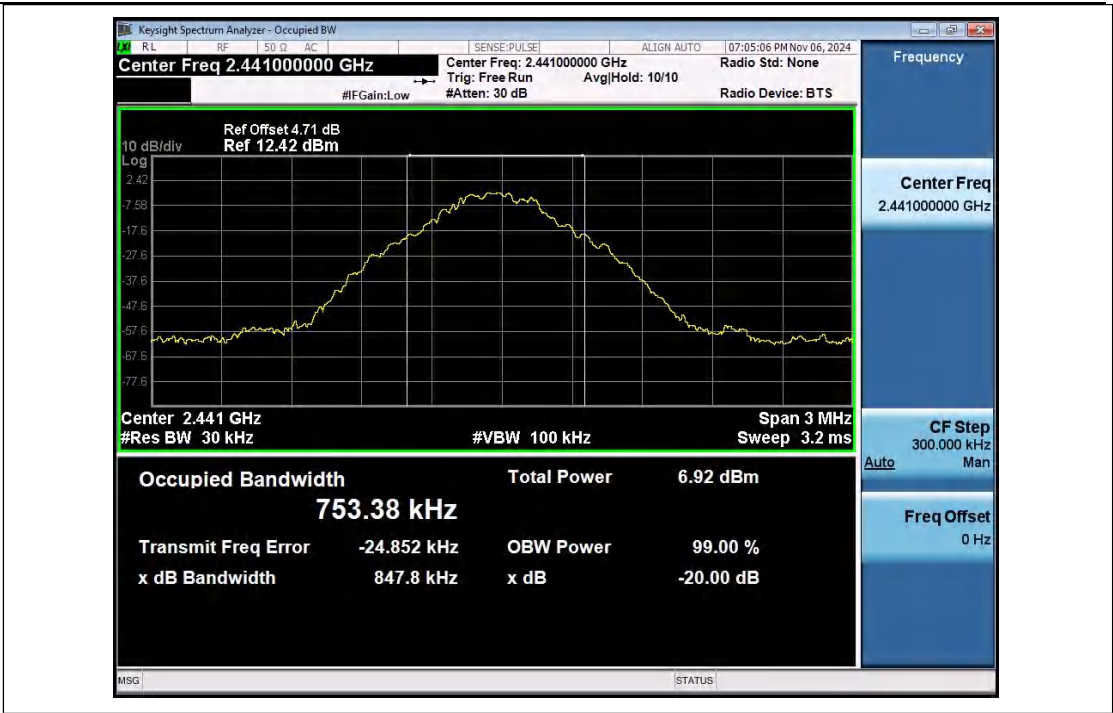
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	0.848	No
NVNT	ANT1	1-DH5	2441.00	0.848	No
NVNT	ANT1	1-DH5	2480.00	0.843	No
NVNT	ANT1	2-DH5	2402.00	1.322	Yes
NVNT	ANT1	2-DH5	2441.00	1.319	Yes
NVNT	ANT1	2-DH5	2480.00	1.317	Yes
NVNT	ANT1	3-DH5	2402.00	1.305	Yes
NVNT	ANT1	3-DH5	2441.00	1.320	Yes
NVNT	ANT1	3-DH5	2480.00	1.382	Yes

-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402_00

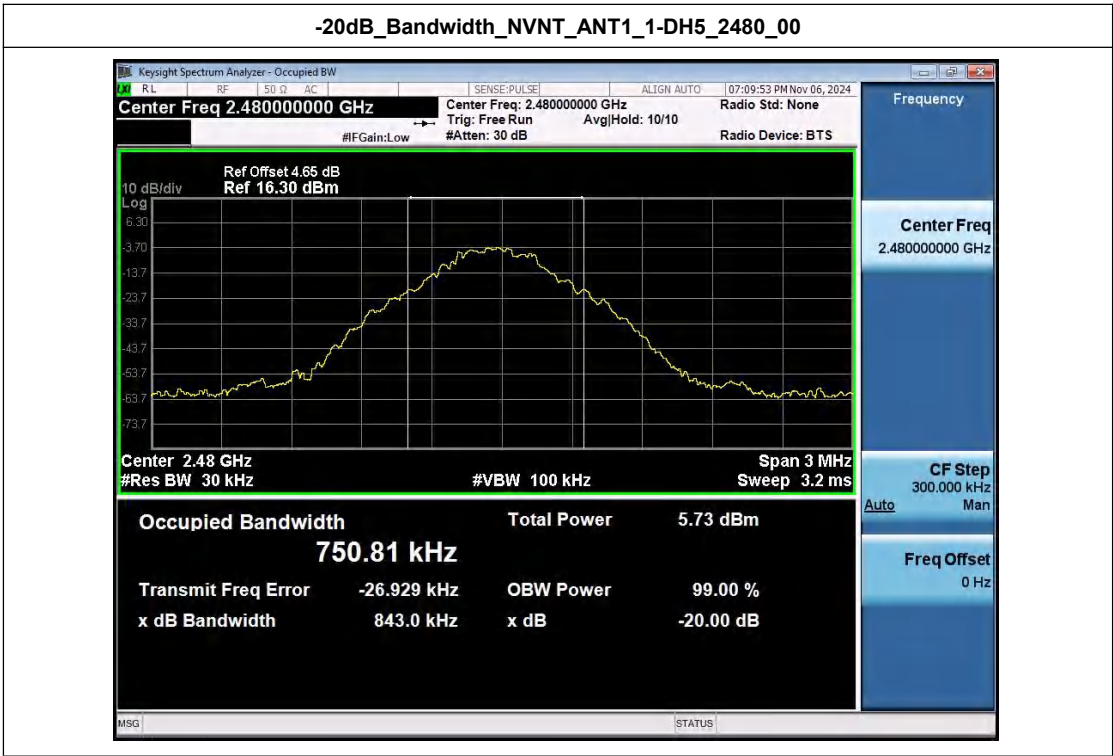


-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441_00





-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480_00

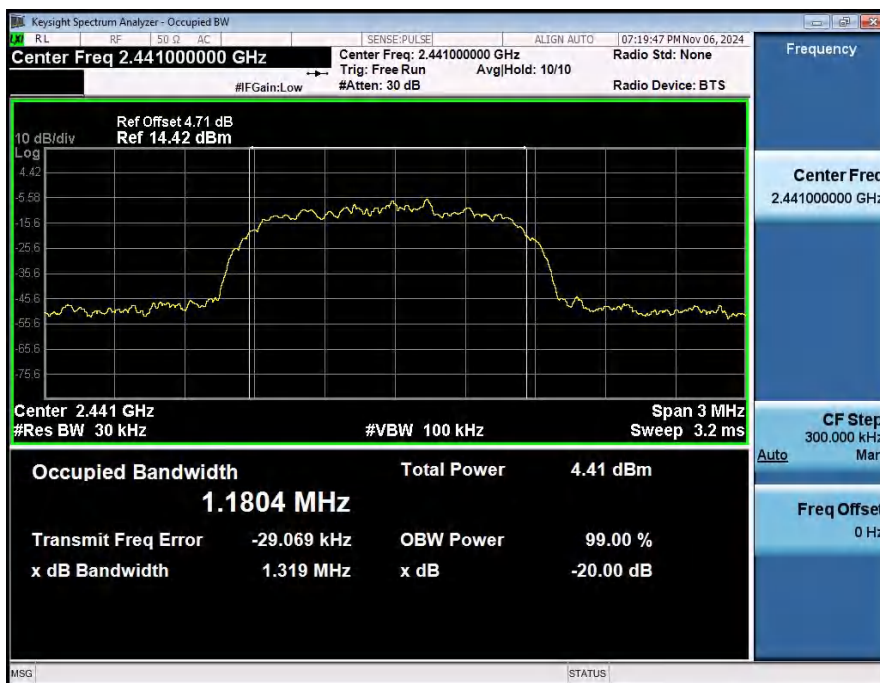


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00





-20dB Bandwidth NVNT ANT1 2-DH5 2441_00

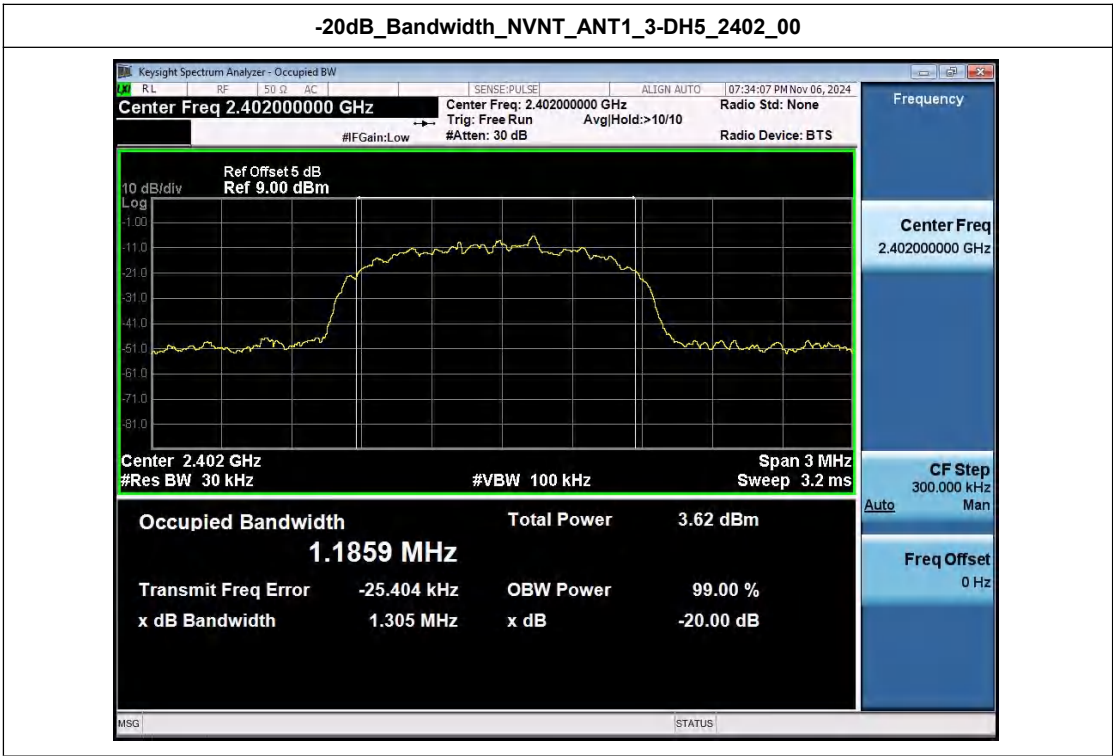


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00



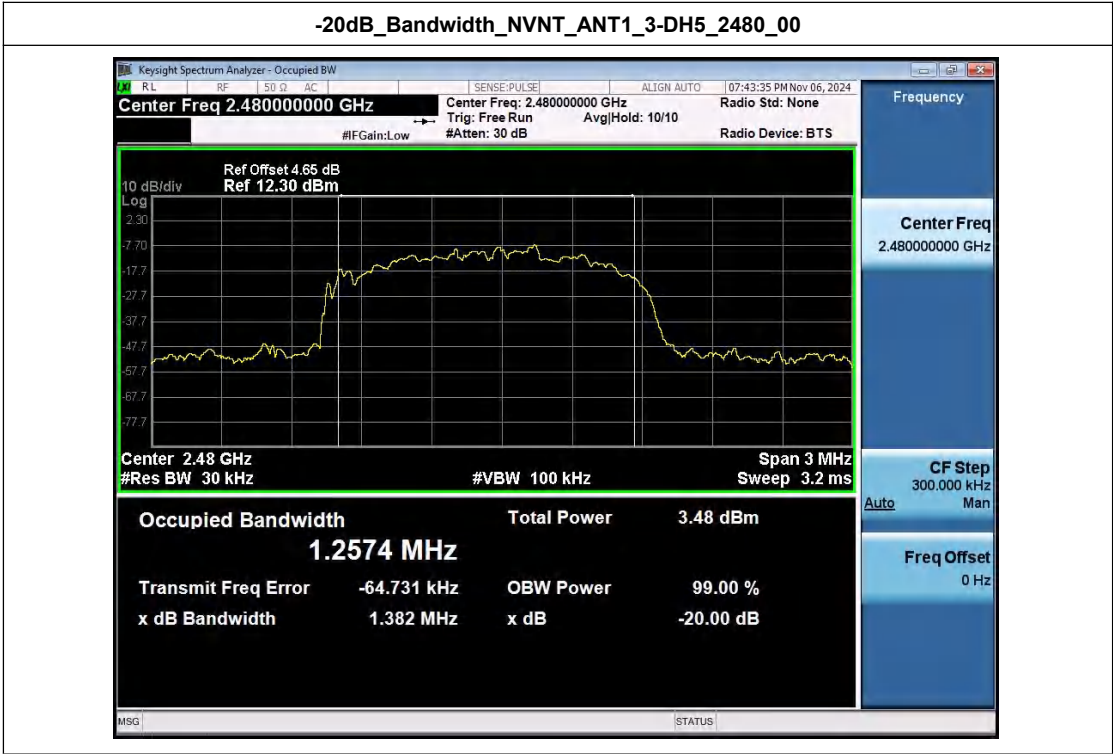
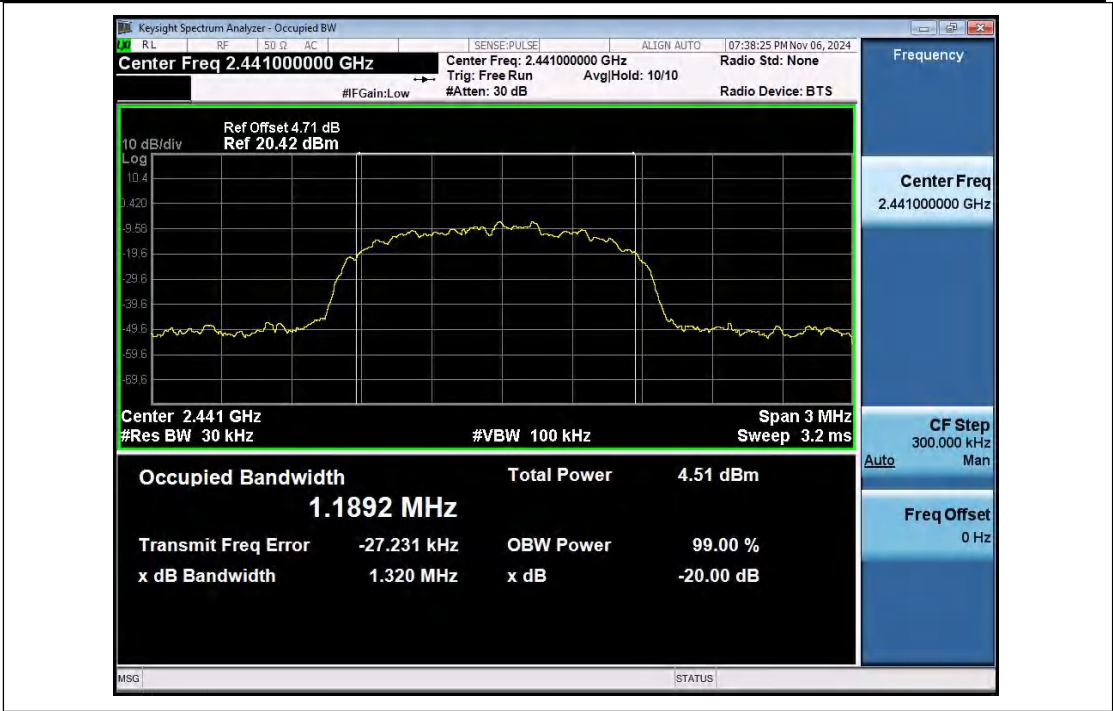


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402_00



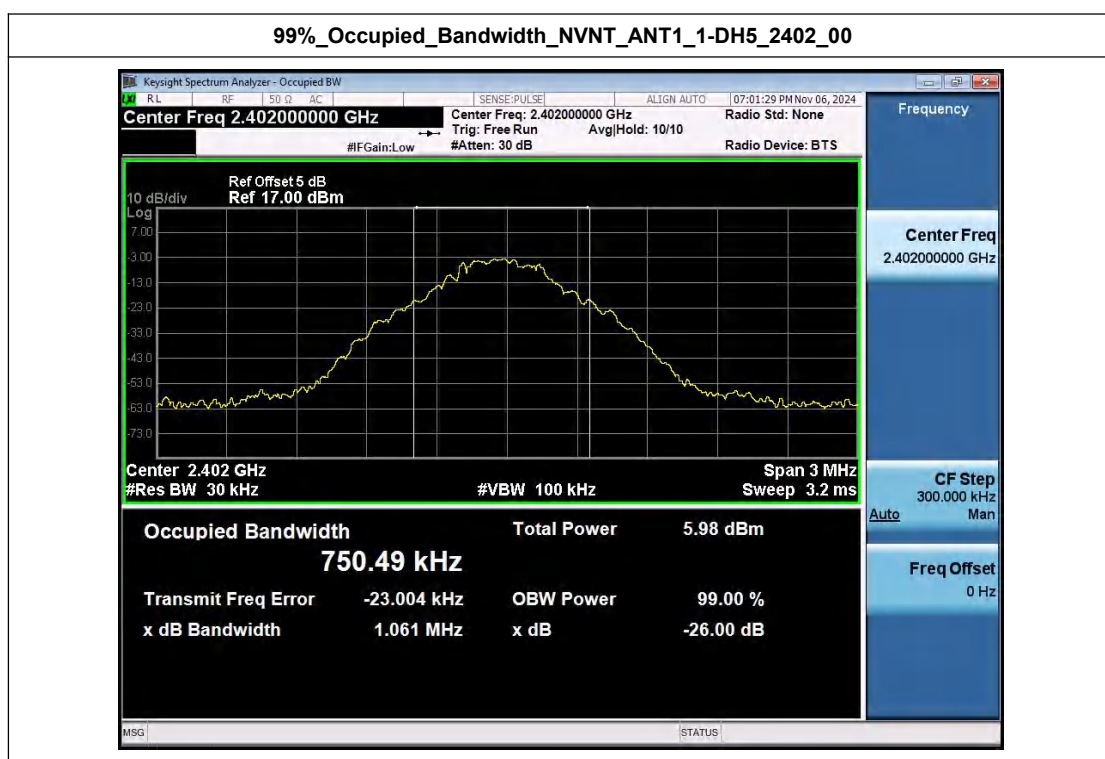
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00





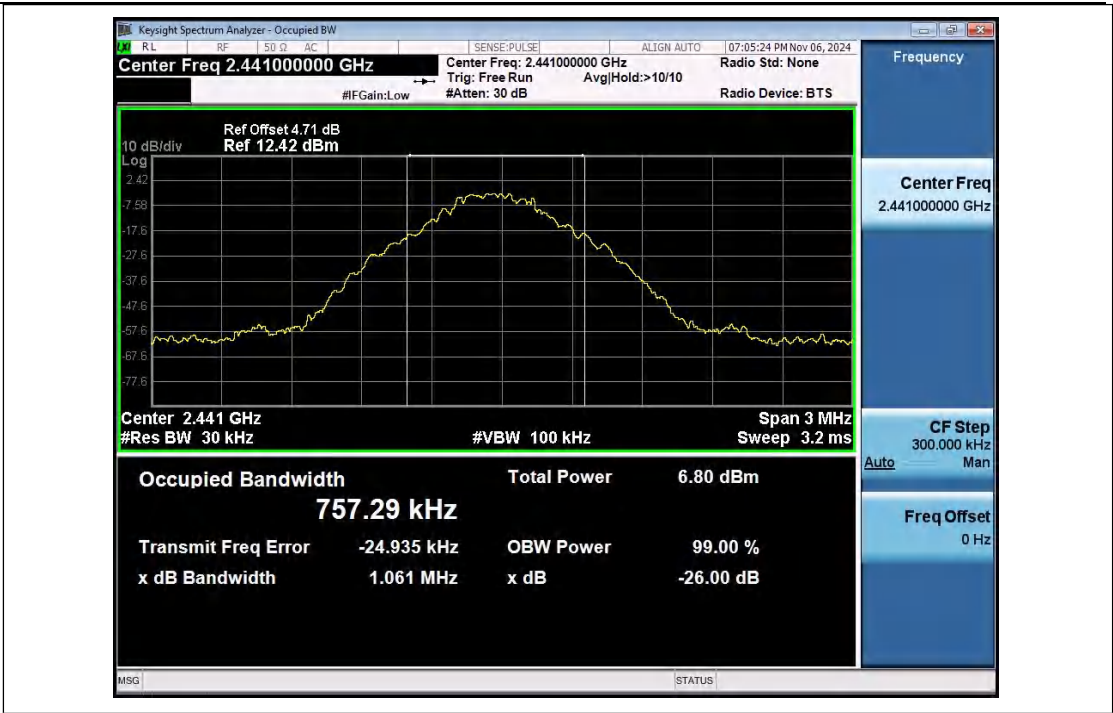
Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.750
NVNT	ANT1	1-DH5	2441.00	0.757
NVNT	ANT1	1-DH5	2480.00	0.745
NVNT	ANT1	2-DH5	2402.00	1.182
NVNT	ANT1	2-DH5	2441.00	1.179
NVNT	ANT1	2-DH5	2480.00	1.178
NVNT	ANT1	3-DH5	2402.00	1.189
NVNT	ANT1	3-DH5	2441.00	1.184
NVNT	ANT1	3-DH5	2480.00	1.188

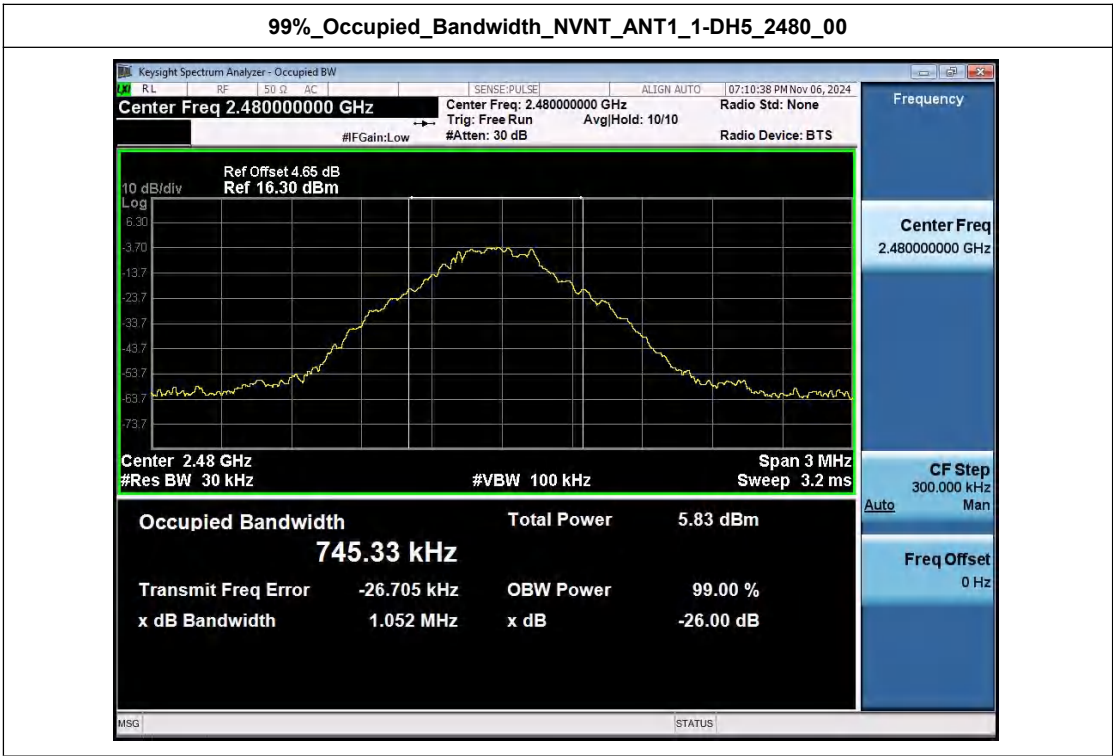


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00



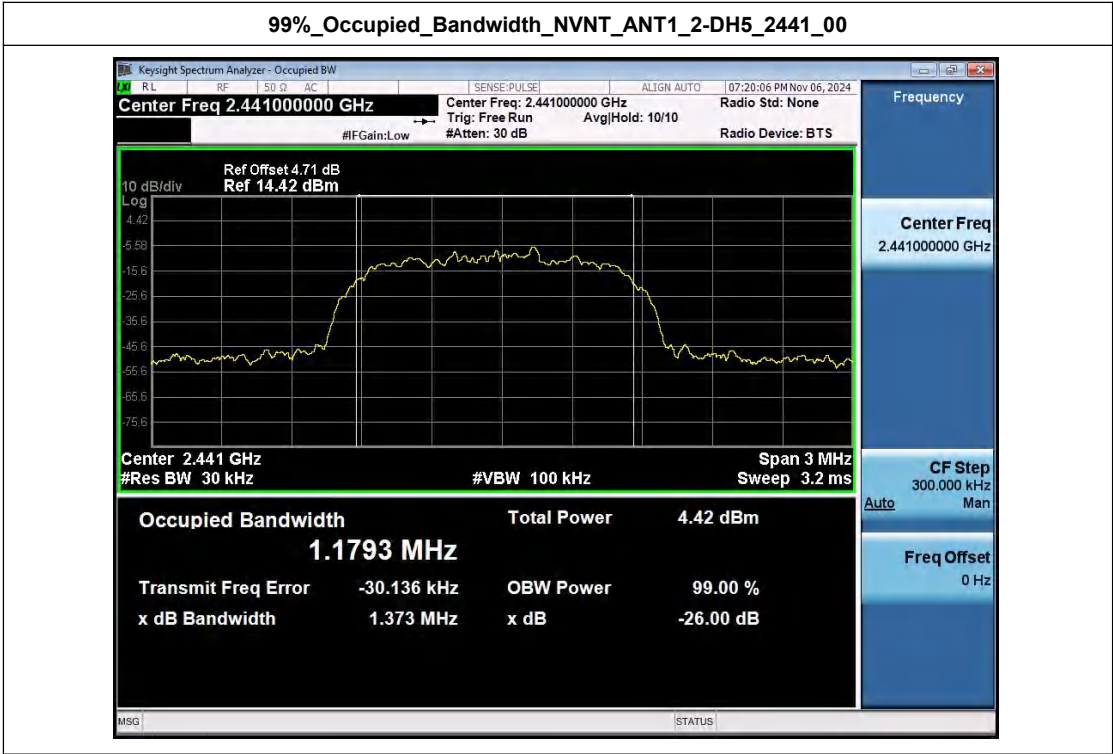


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00



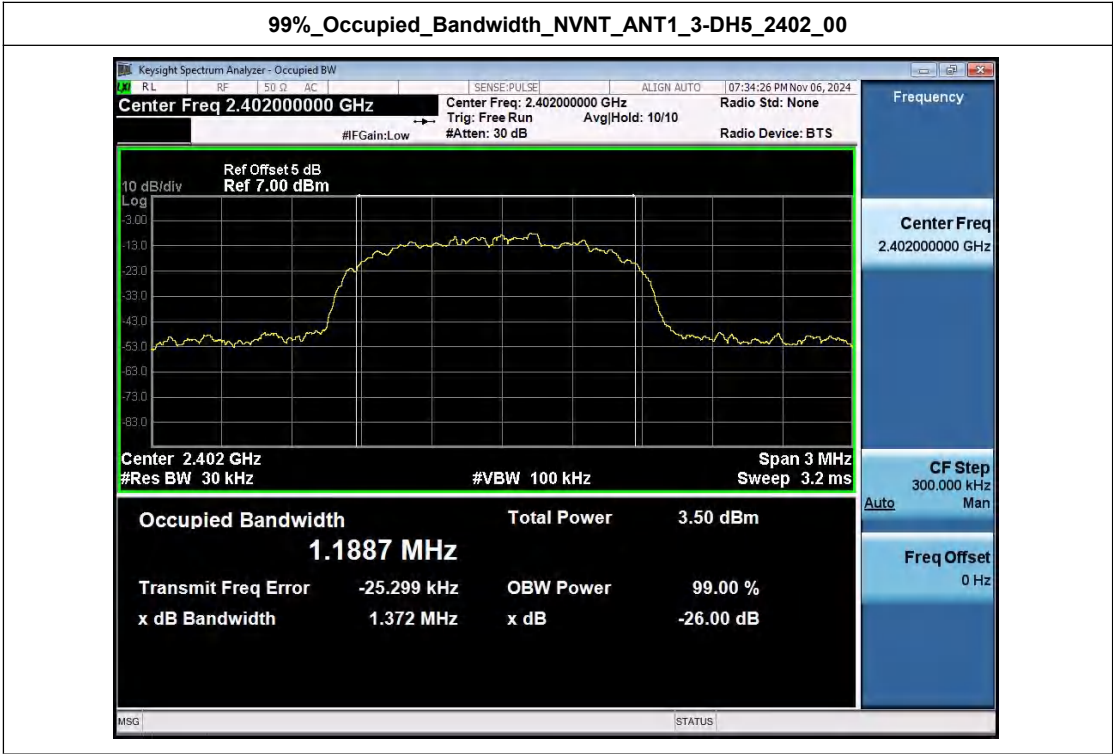
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00





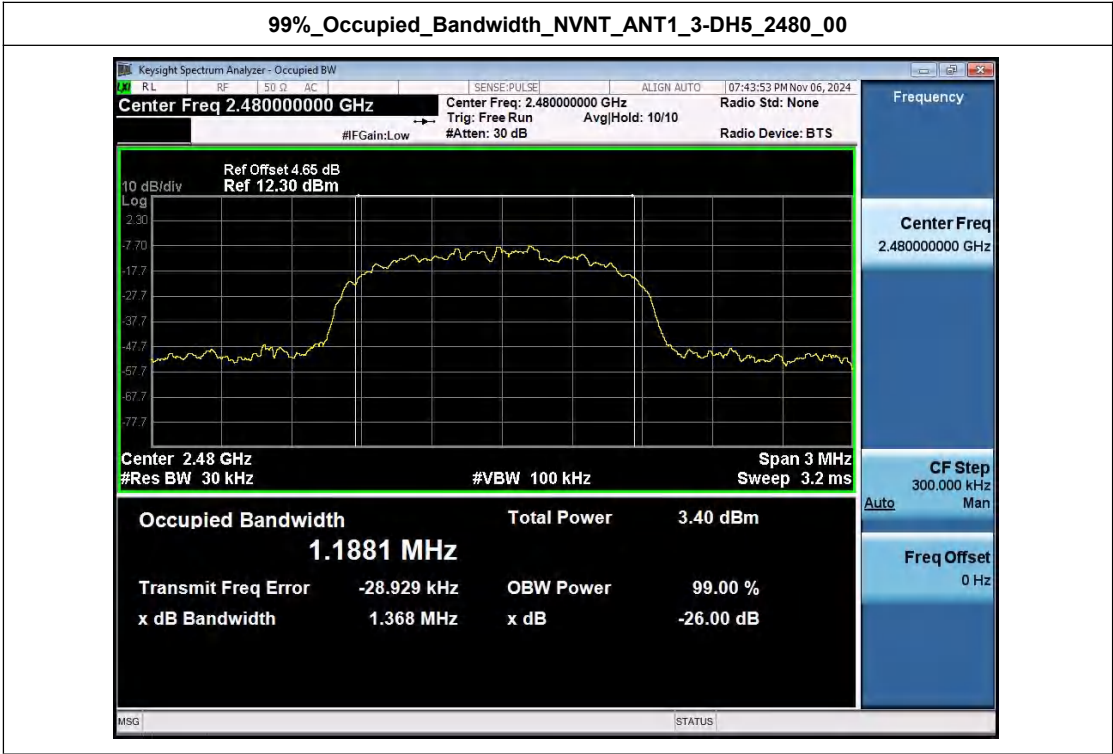
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00





99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441_00





Appendix D: Peak Output Power

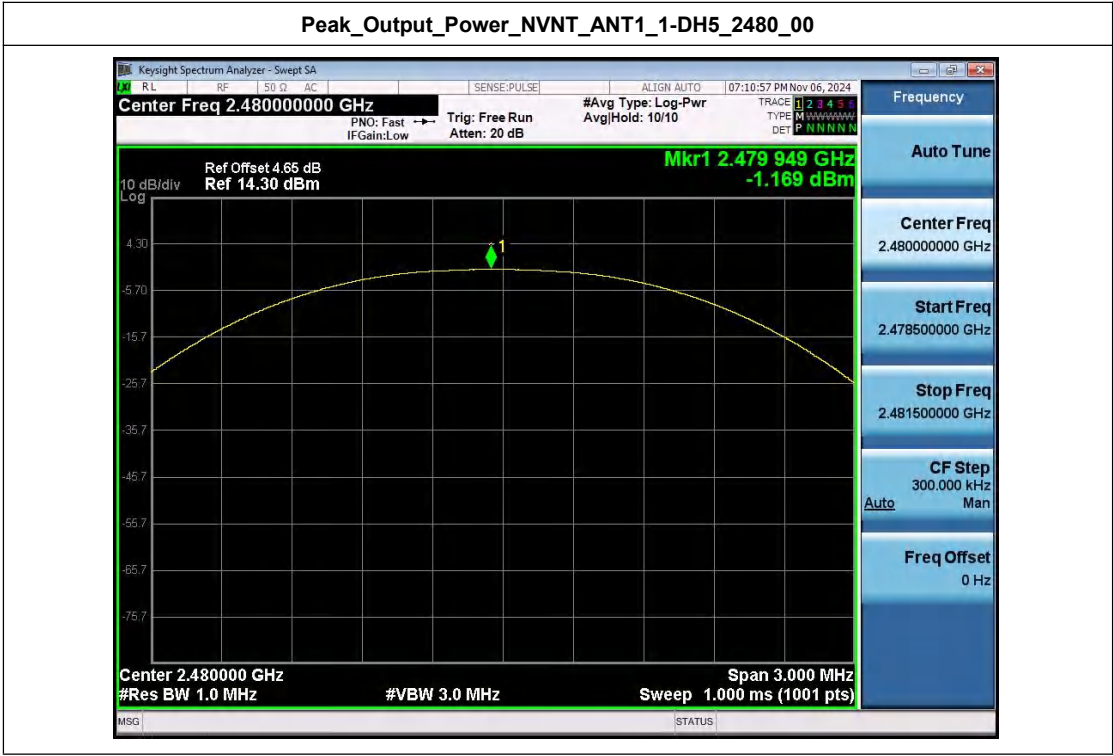
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	-0.82	0.83	1000	Pass
NVNT	ANT1	1-DH5	2441.00	-0.05	0.99	1000	Pass
NVNT	ANT1	1-DH5	2480.00	-1.17	0.76	1000	Pass
NVNT	ANT1	2-DH5	2402.00	-1.18	0.76	125	Pass
NVNT	ANT1	2-DH5	2441.00	-0.33	0.93	125	Pass
NVNT	ANT1	2-DH5	2480.00	-1.39	0.73	125	Pass
NVNT	ANT1	3-DH5	2402.00	-0.76	0.84	125	Pass
NVNT	ANT1	3-DH5	2441.00	0.08	1.02	125	Pass
NVNT	ANT1	3-DH5	2480.00	-0.99	0.80	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH5_2402_00



Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00



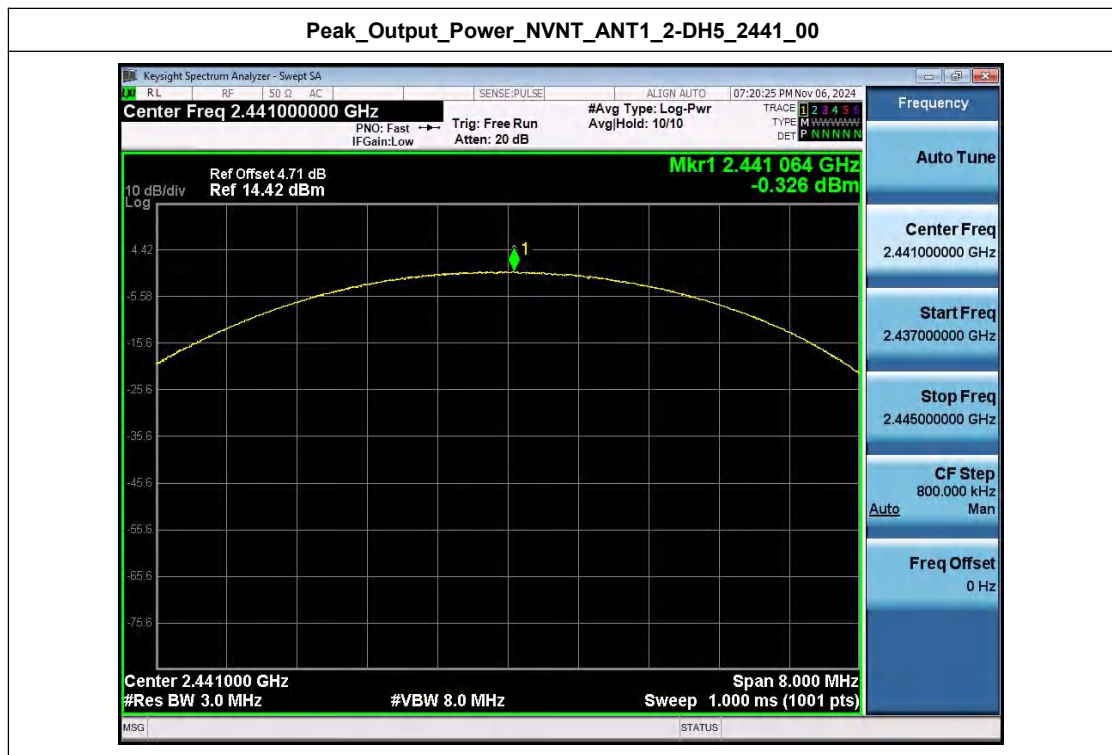


Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00





Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00

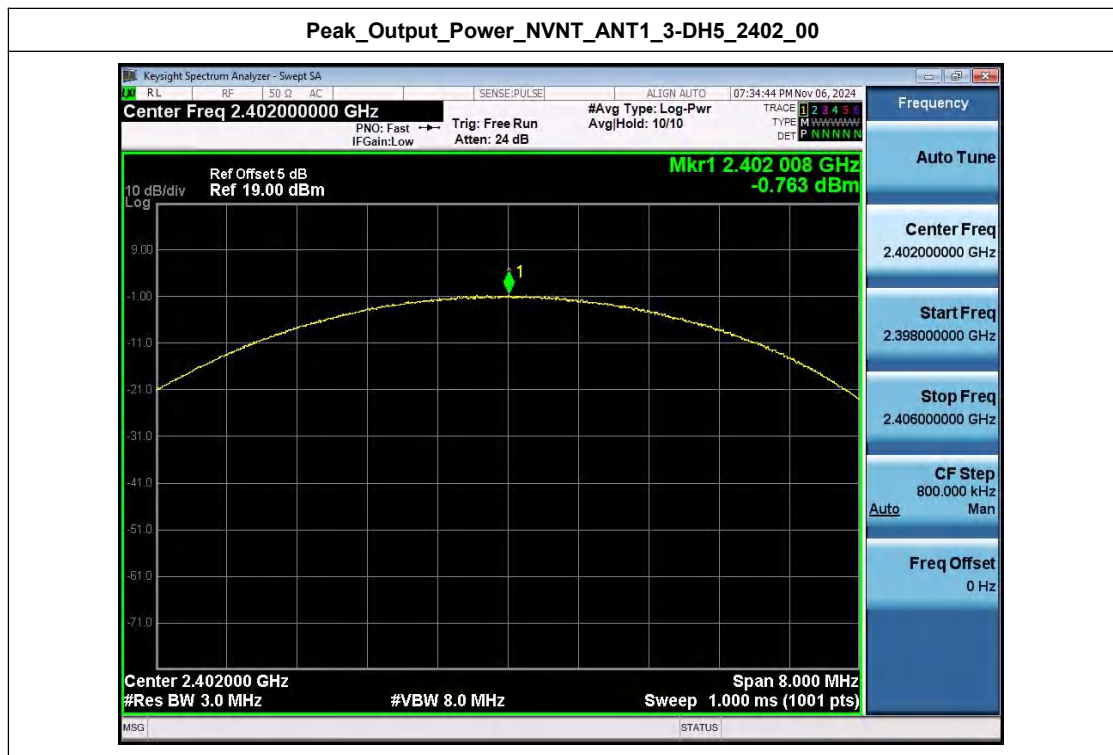


Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00





Peak_Output_Power_NVNT_ANT1_3-DH5_2402_00

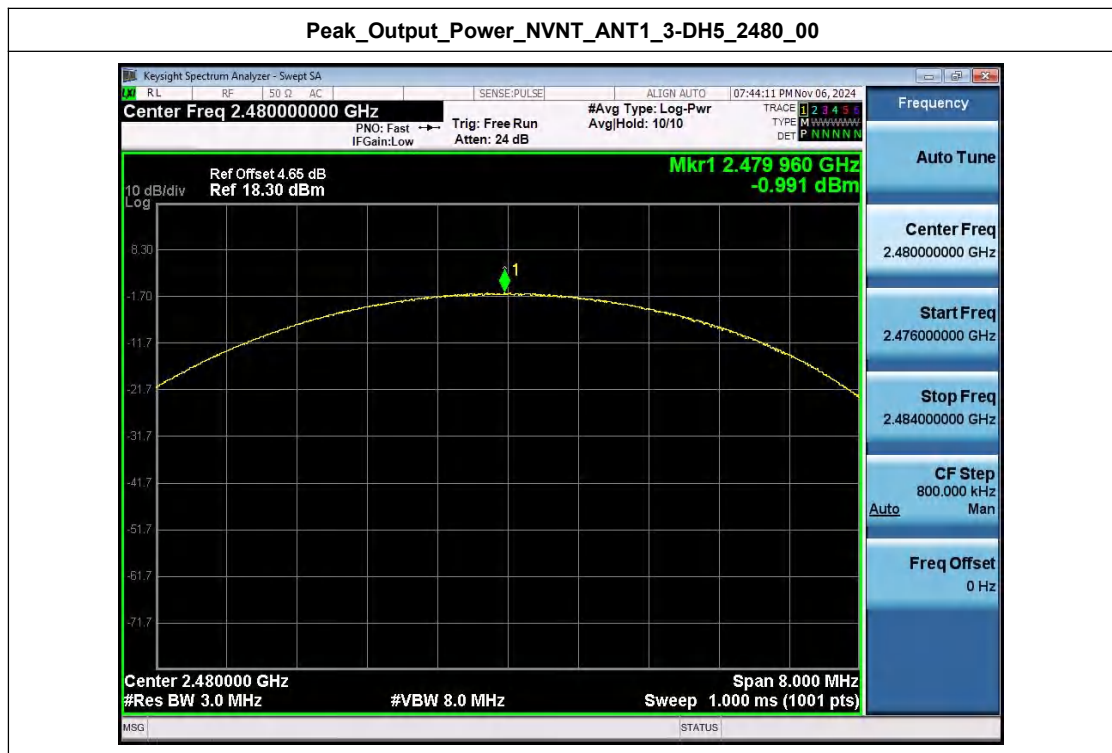


Peak_Output_Power_NVNT_ANT1_3-DH5_2441_00





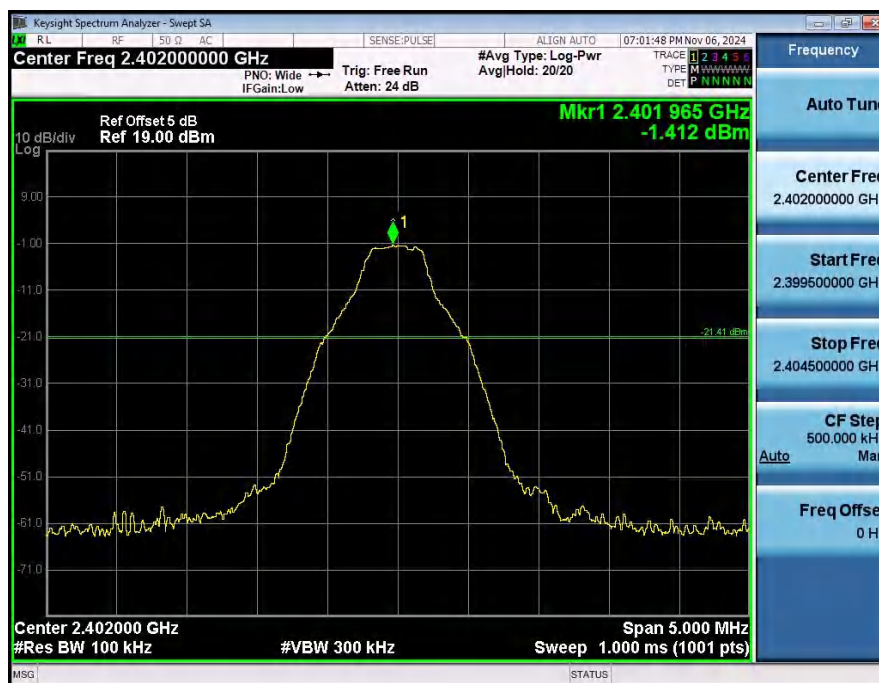
Peak_Output_Power_NVNT_ANT1_3-DH5_2480_00



Appendix E: Spurious Emissions

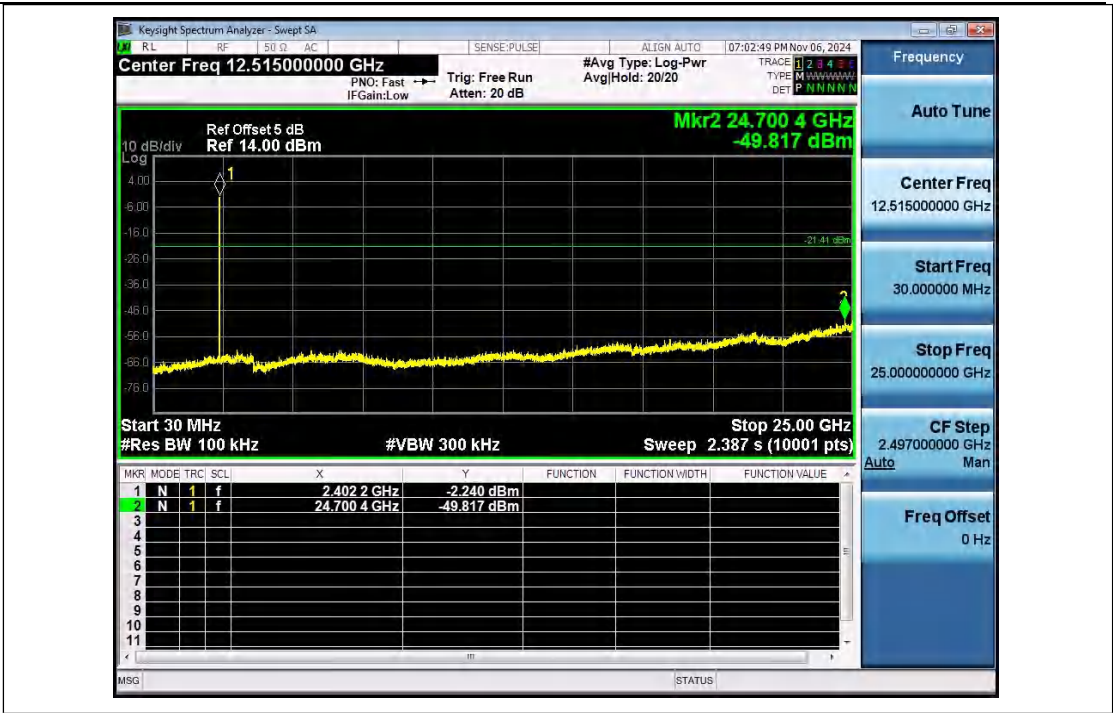
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-49.817	-21.412	Pass
NVNT	ANT1	1-DH5	2441.00	-54.616	-20.517	Pass
NVNT	ANT1	1-DH5	2480.00	-50.542	-21.396	Pass
NVNT	ANT1	2-DH5	2402.00	-58.891	-24.699	Pass
NVNT	ANT1	2-DH5	2441.00	-52.421	-23.789	Pass
NVNT	ANT1	2-DH5	2480.00	-59.335	-24.578	Pass
NVNT	ANT1	3-DH5	2402.00	-53.579	-24.468	Pass
NVNT	ANT1	3-DH5	2441.00	-52.253	-23.378	Pass
NVNT	ANT1	3-DH5	2480.00	-55.129	-24.367	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

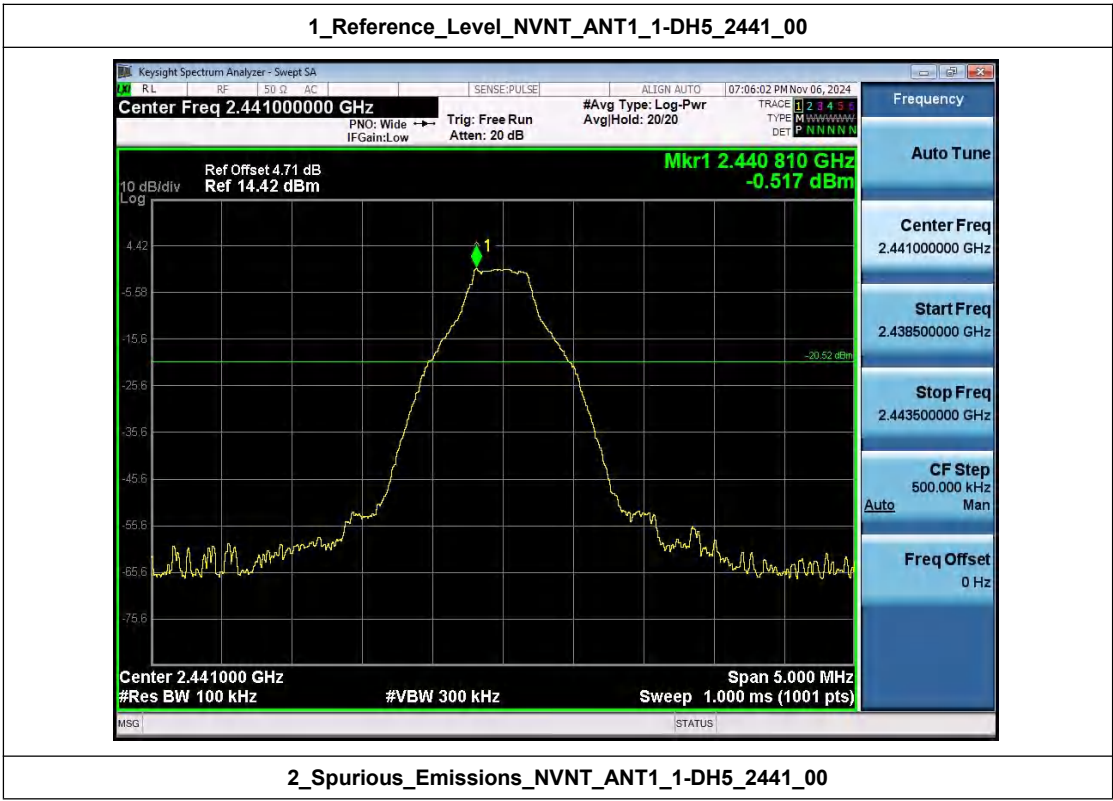


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00





1_Reference_Level_NVNT_ANT1_1-DH5_2441_00

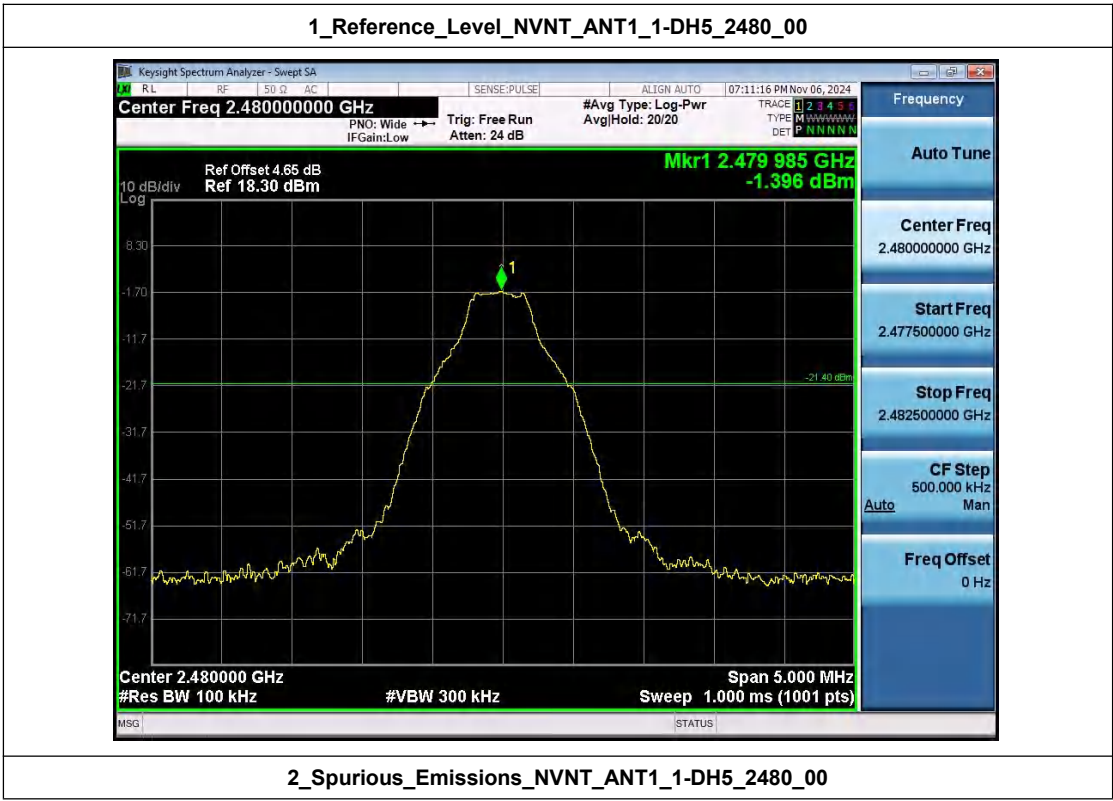


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00





1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

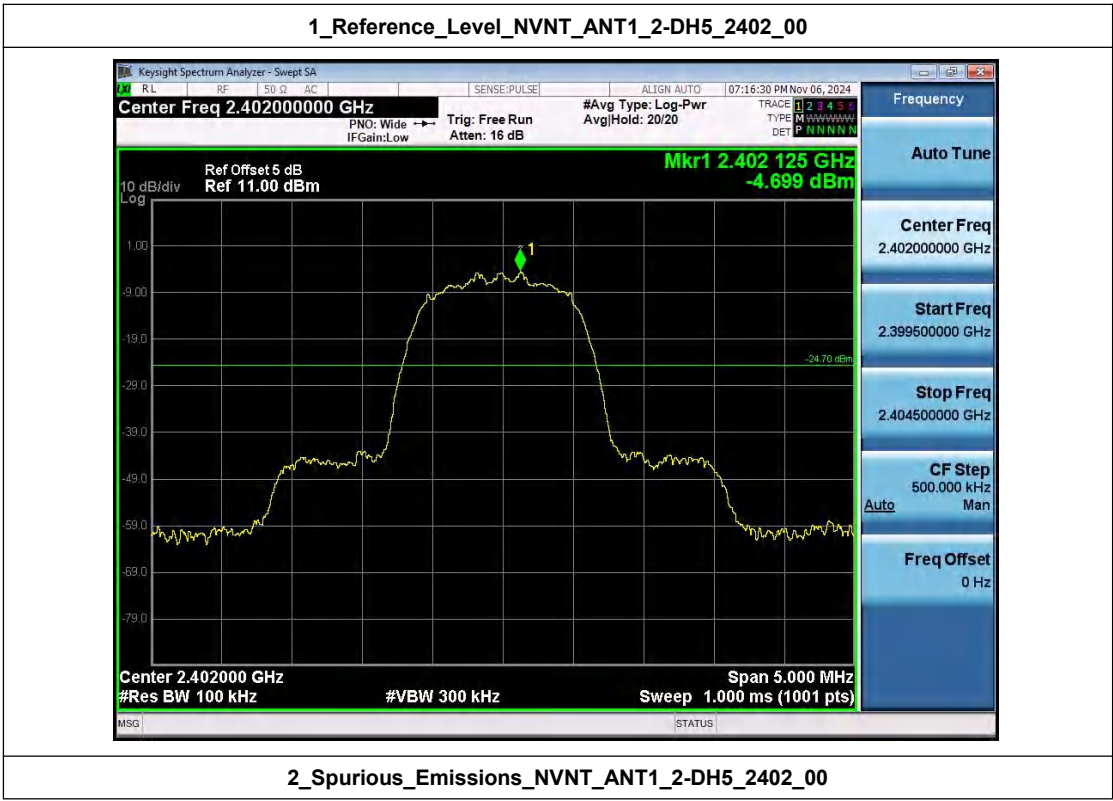


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00





1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

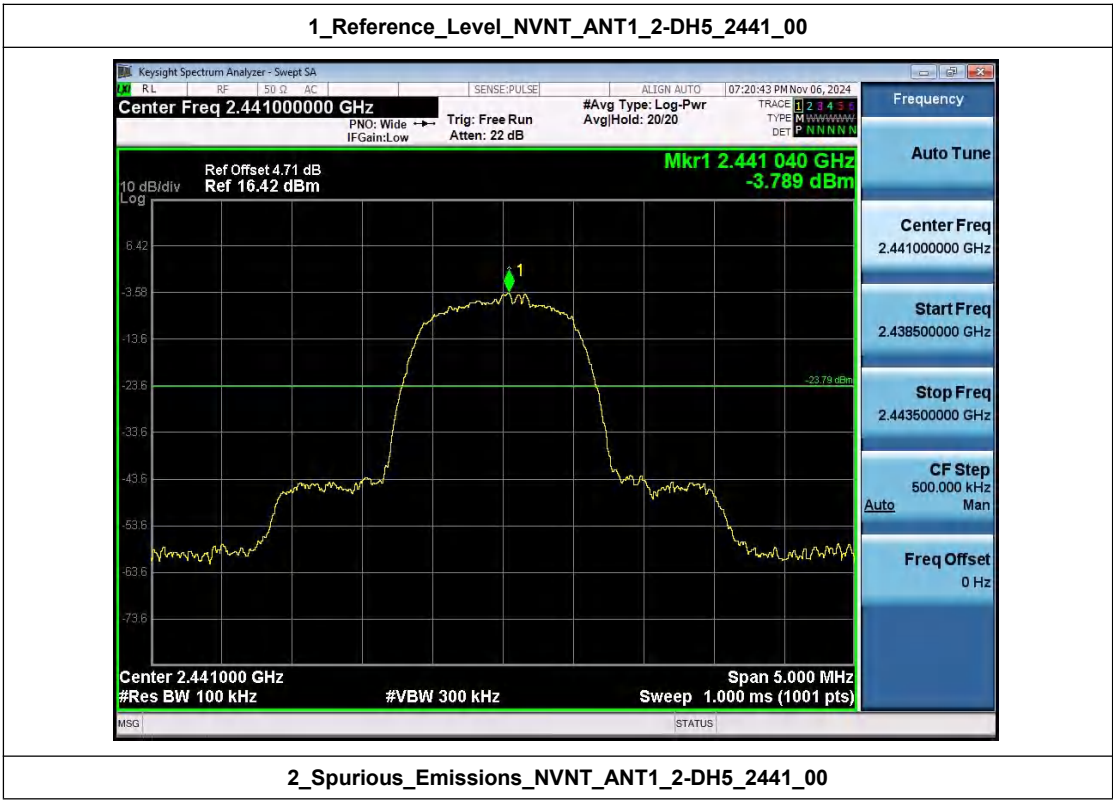


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00





1_Reference_Level_NVNT_ANT1_2-DH5_2441_00

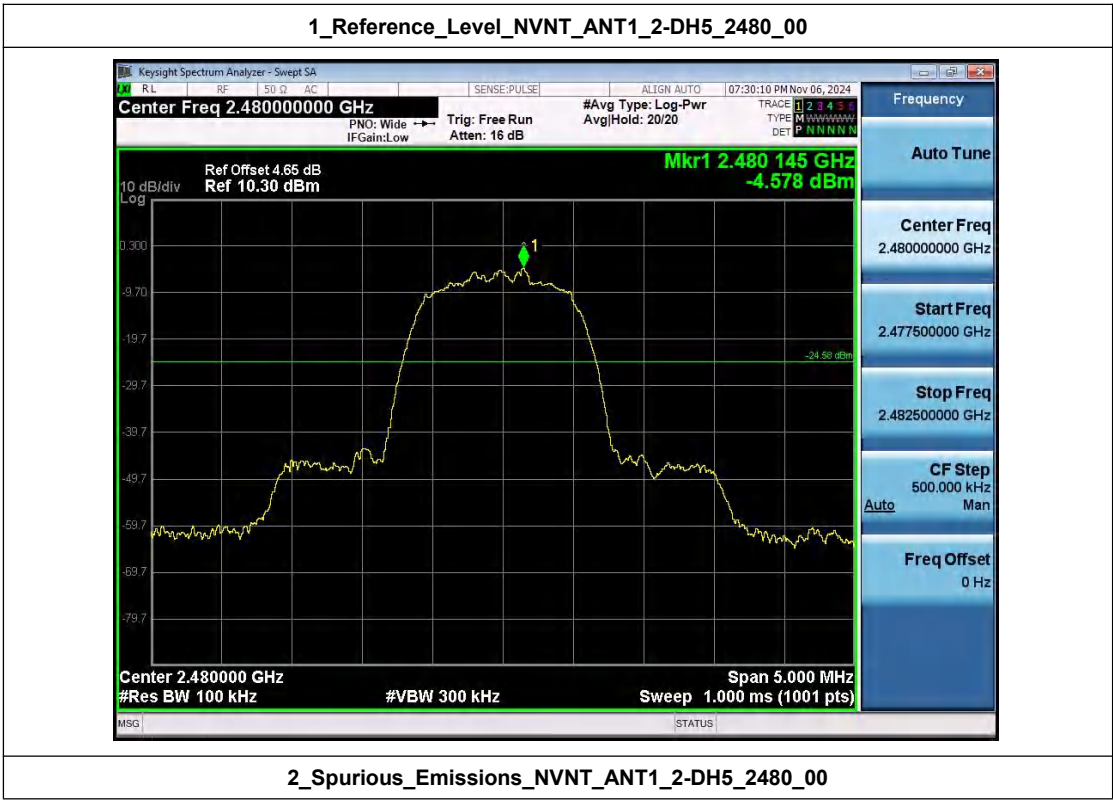


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00





1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

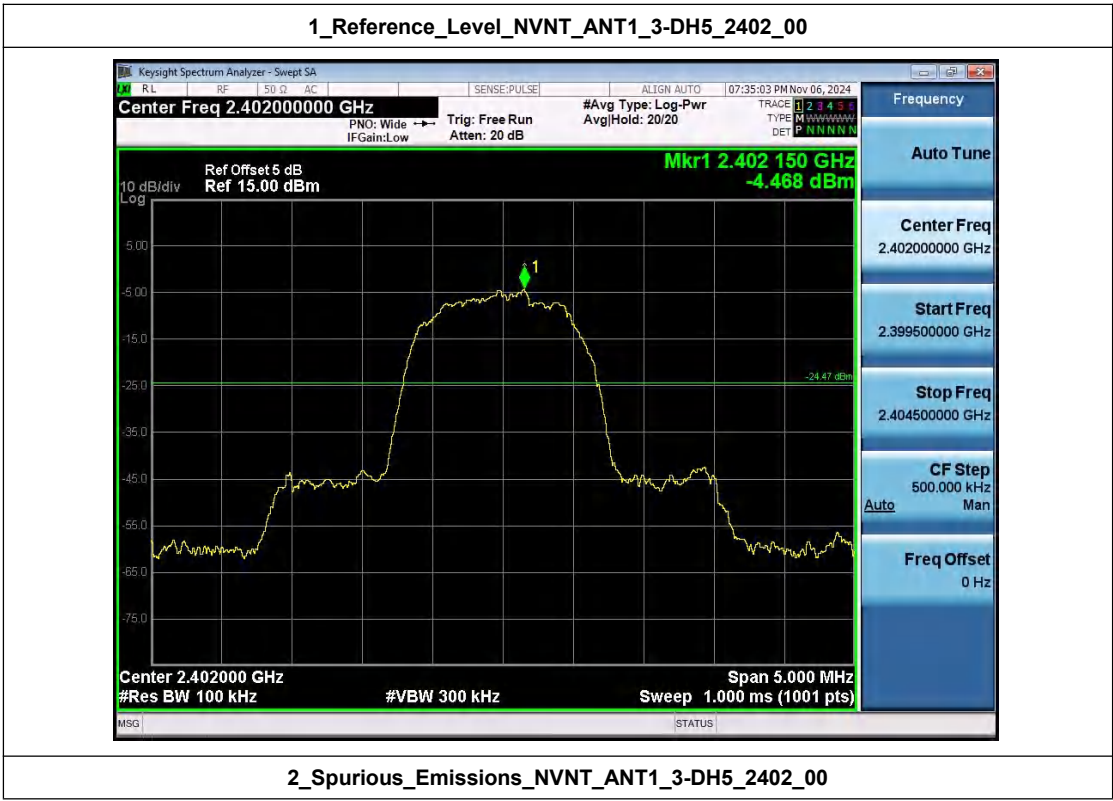


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00



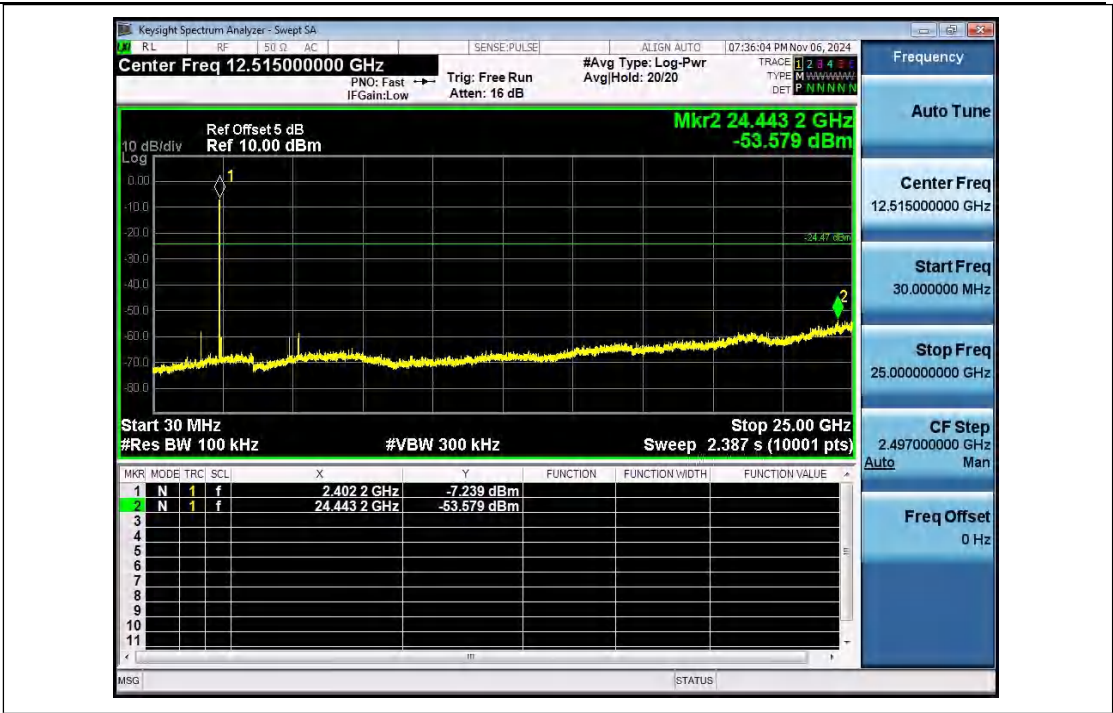


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

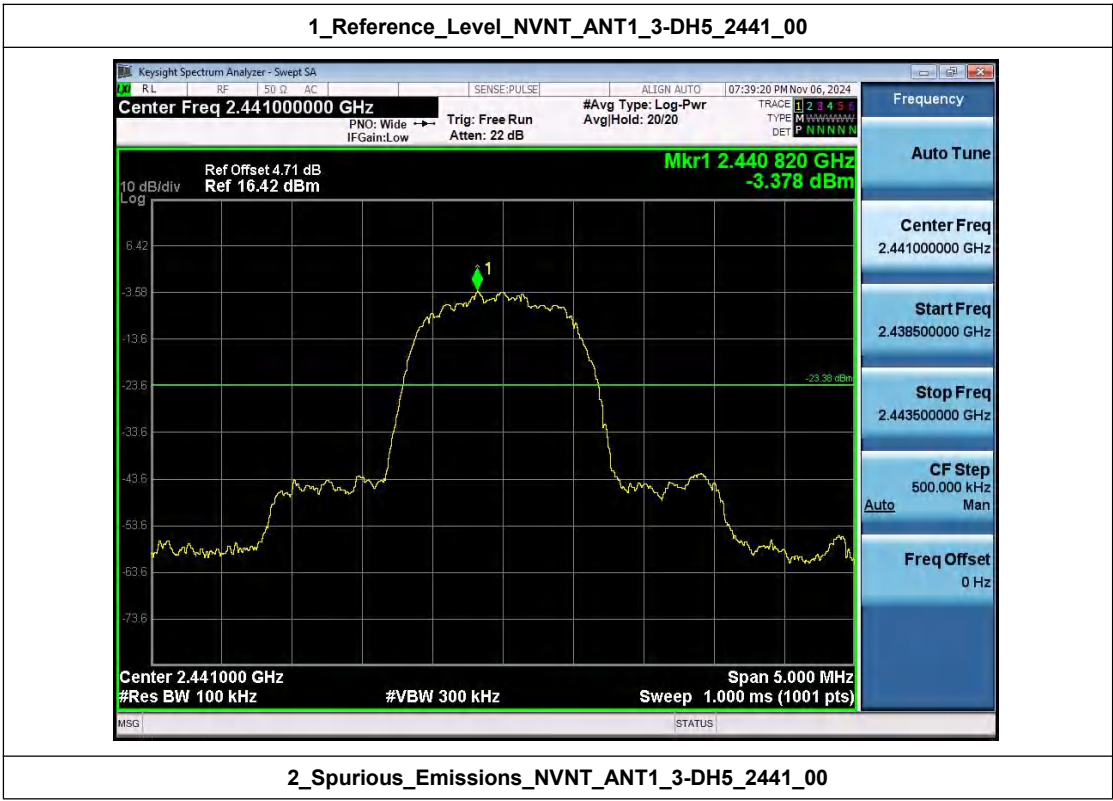


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402_00





1_Reference_Level_NVNT_ANT1_3-DH5_2441_00

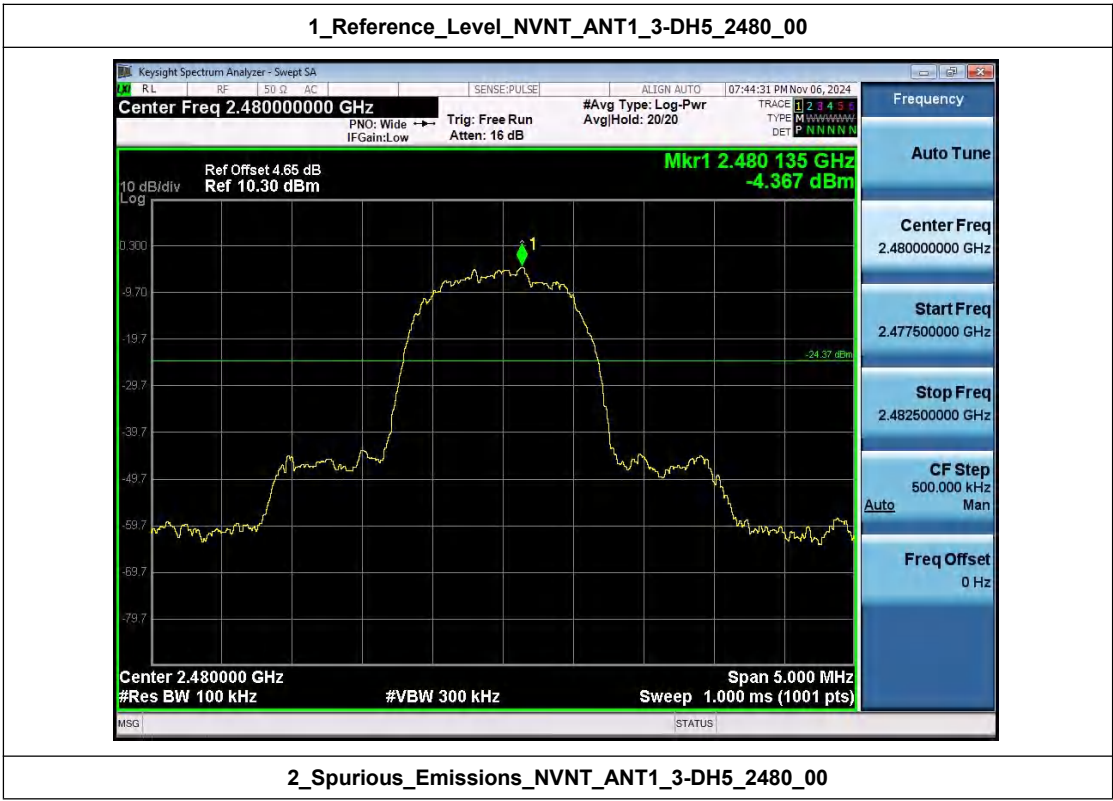


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00





1_Reference_Level_NVNT_ANT1_3-DH5_2480_00



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480_00





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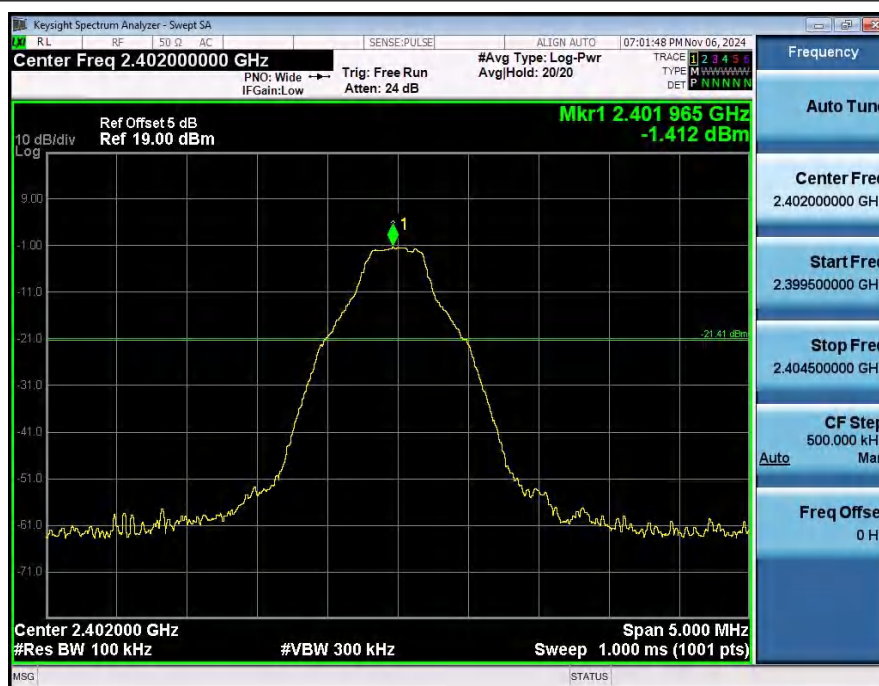
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Appendix F: Bandedge

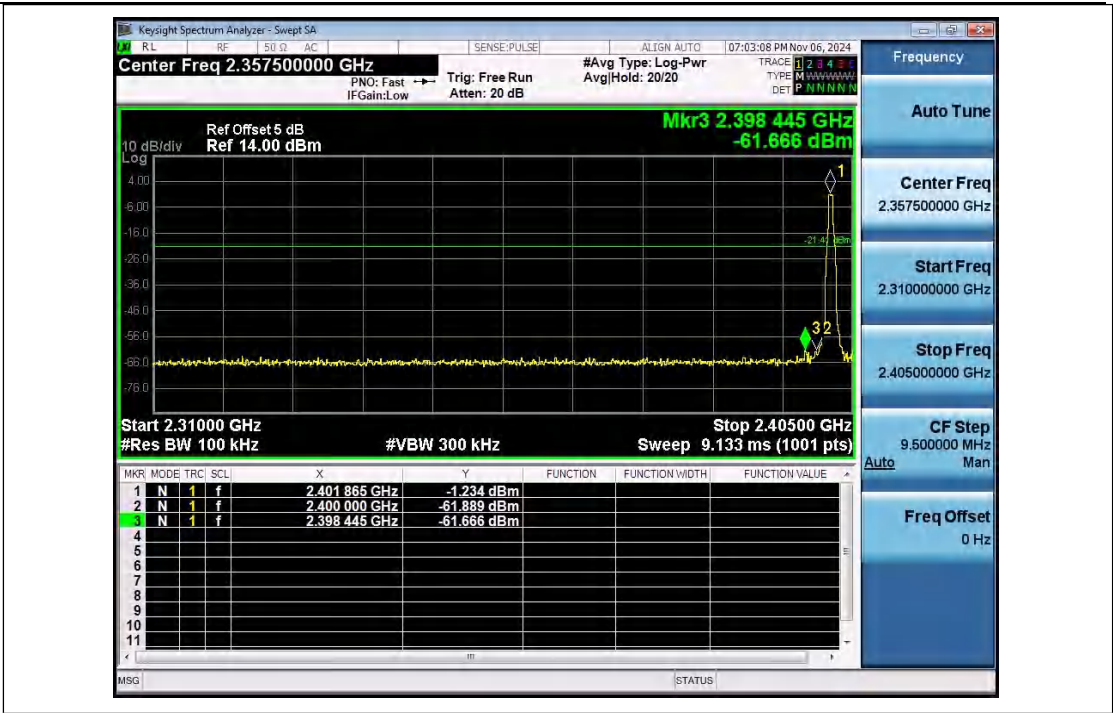
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-61.666	-21.412	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-60.914	-19.382	Pass
NVNT	ANT1	1-DH5	2480.00	-63.009	-21.396	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-62.205	-19.815	Pass
NVNT	ANT1	2-DH5	2402.00	-59.819	-24.699	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-54.216	-22.822	Pass
NVNT	ANT1	2-DH5	2480.00	-66.673	-24.578	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-66.270	-22.654	Pass
NVNT	ANT1	3-DH5	2402.00	-58.481	-24.468	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-64.460	-22.436	Pass
NVNT	ANT1	3-DH5	2480.00	-66.507	-24.367	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-54.011	-22.747	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

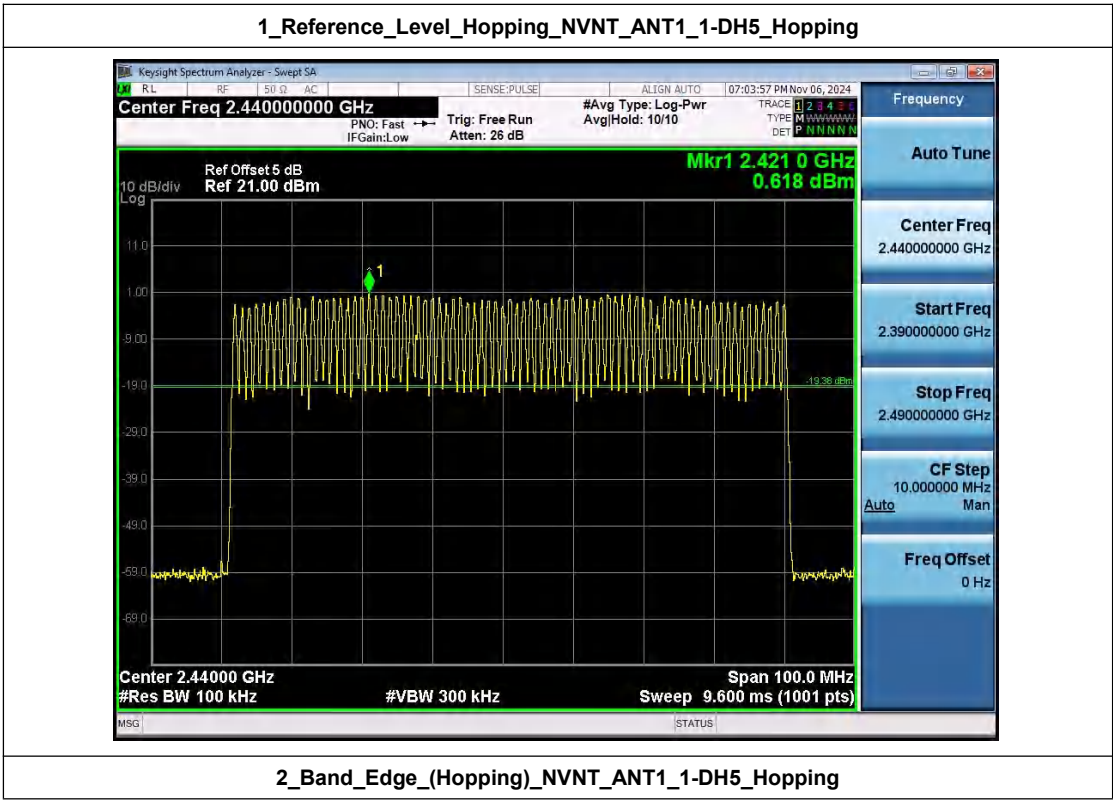


2_Bandedge_NVNT_ANT1_1-DH5_2402_00



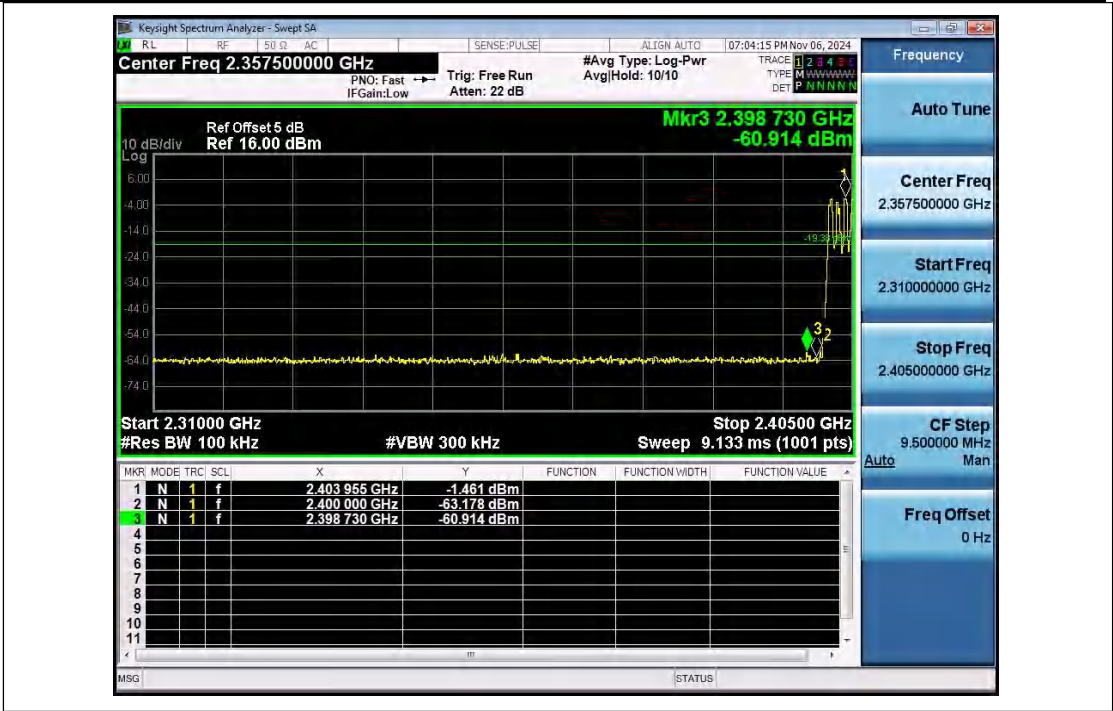


1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping

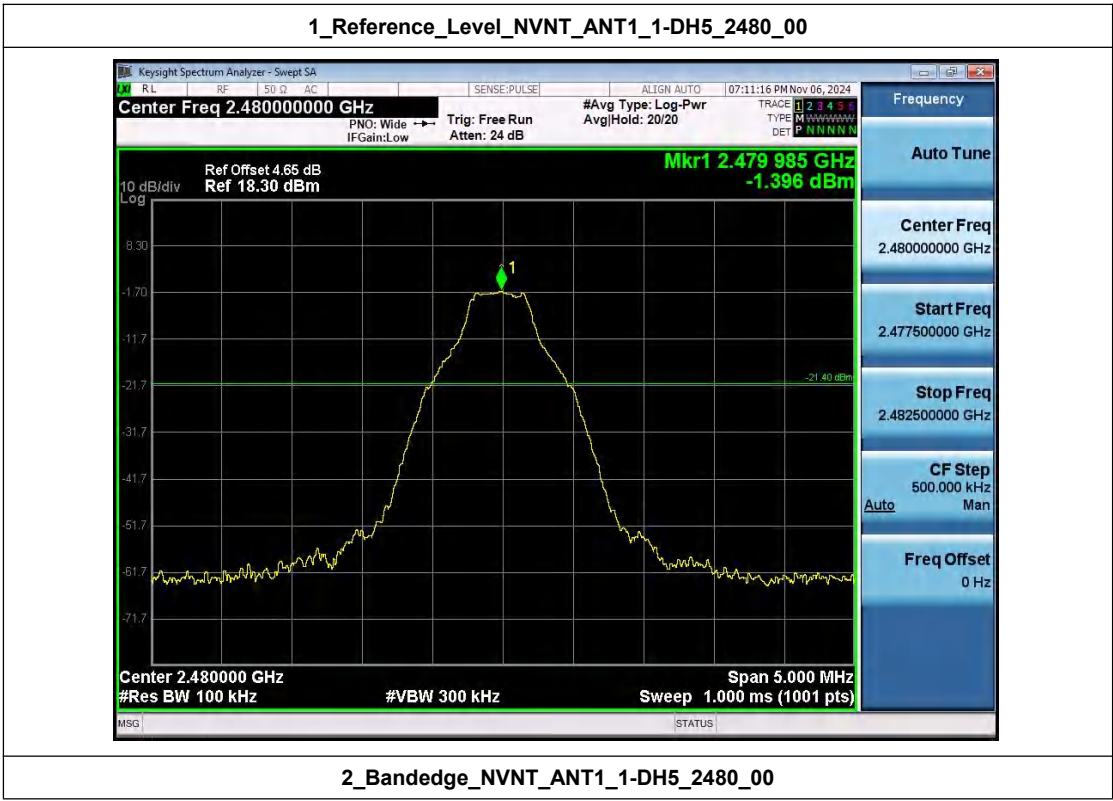


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



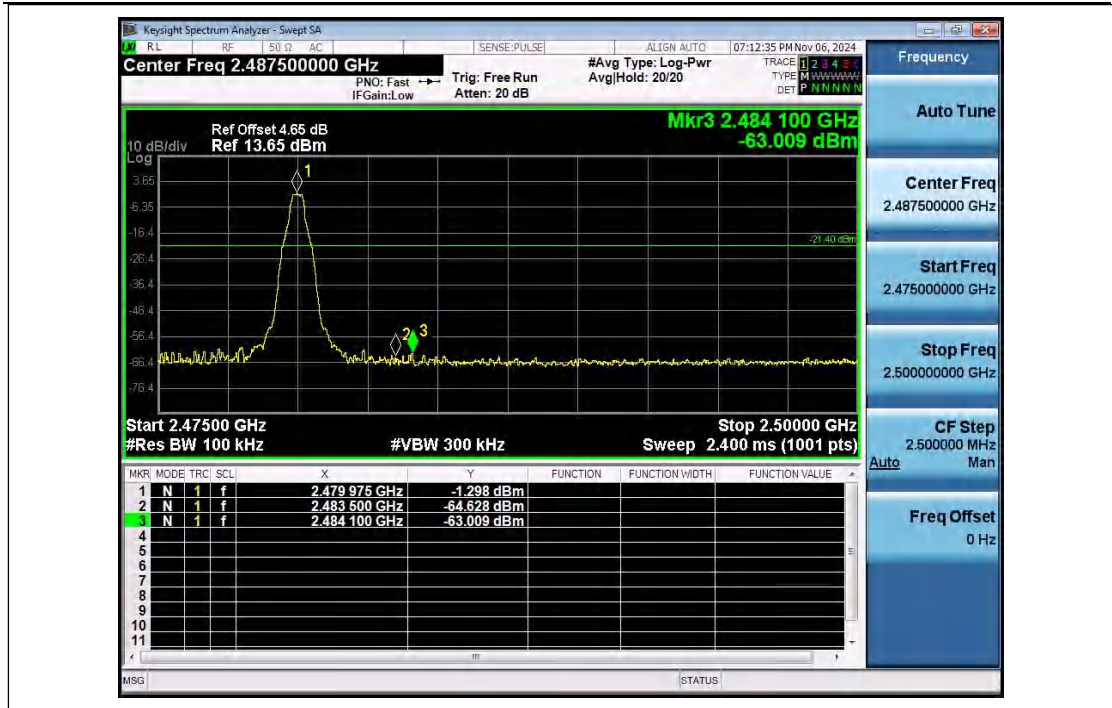


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

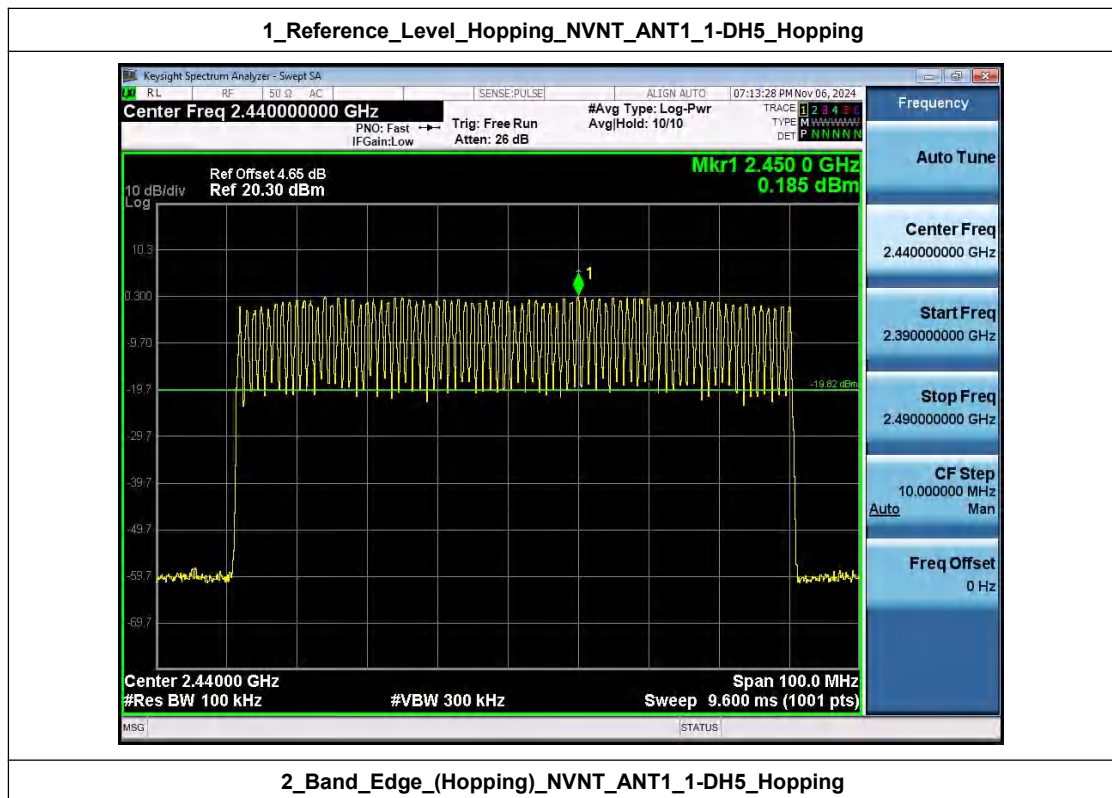


2_Bandedge_NVNT_ANT1_1-DH5_2480_00



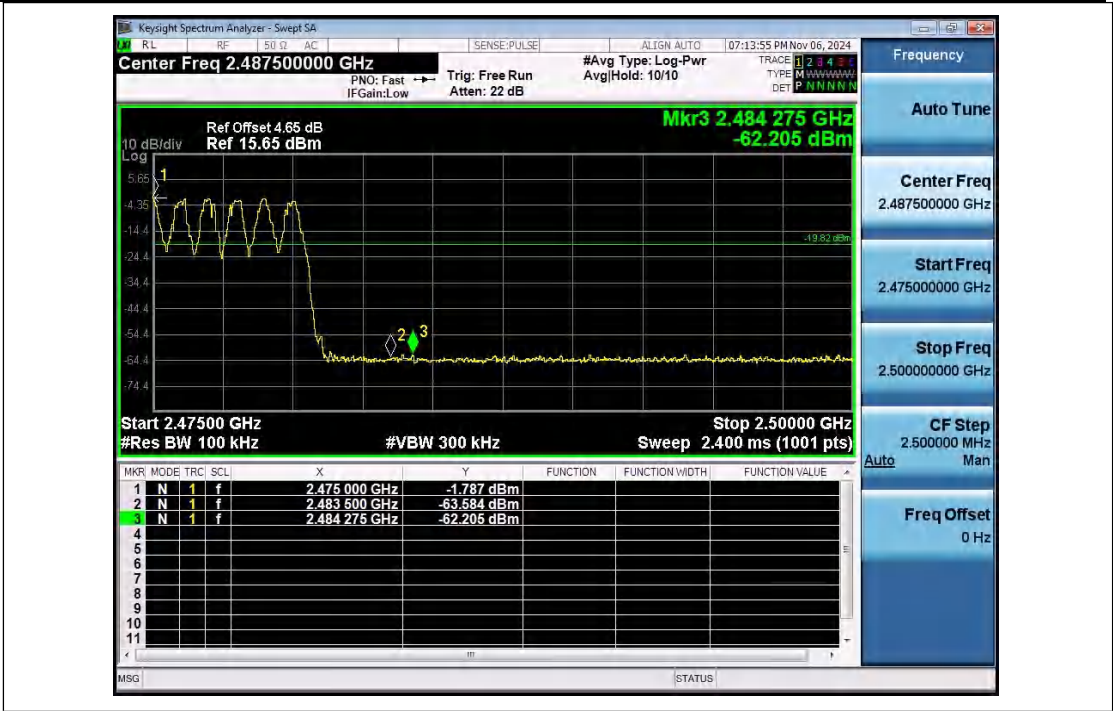


1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping

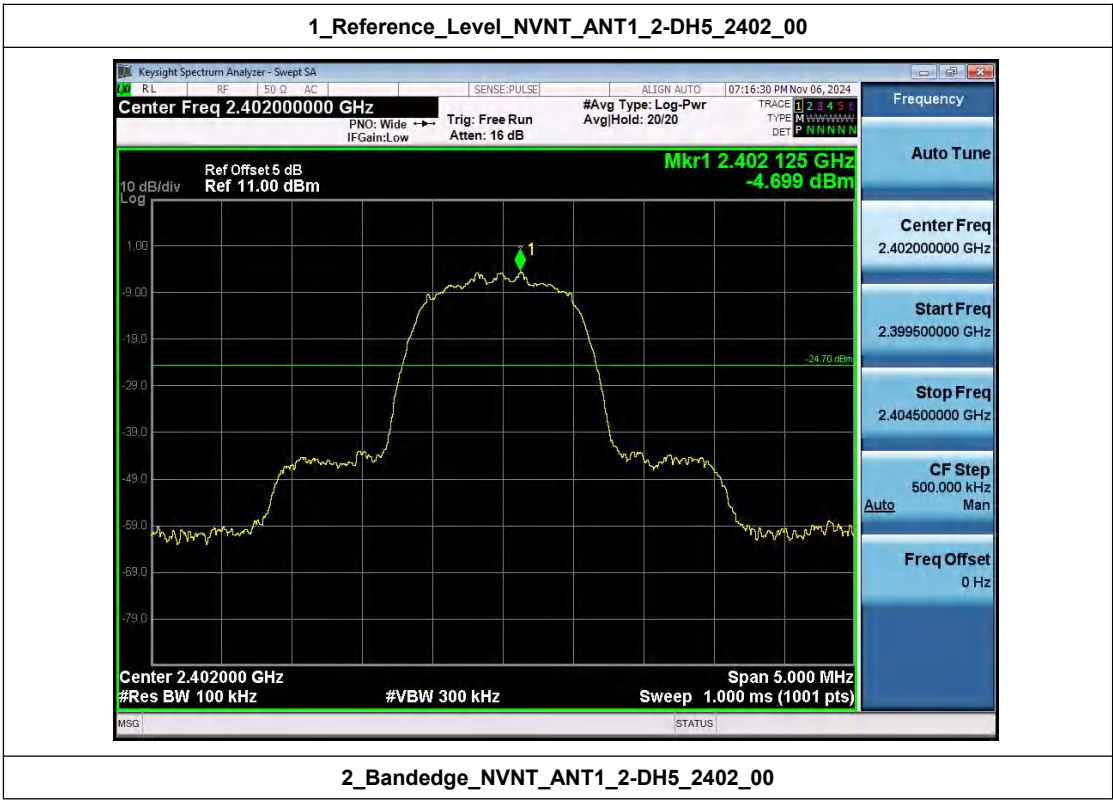


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



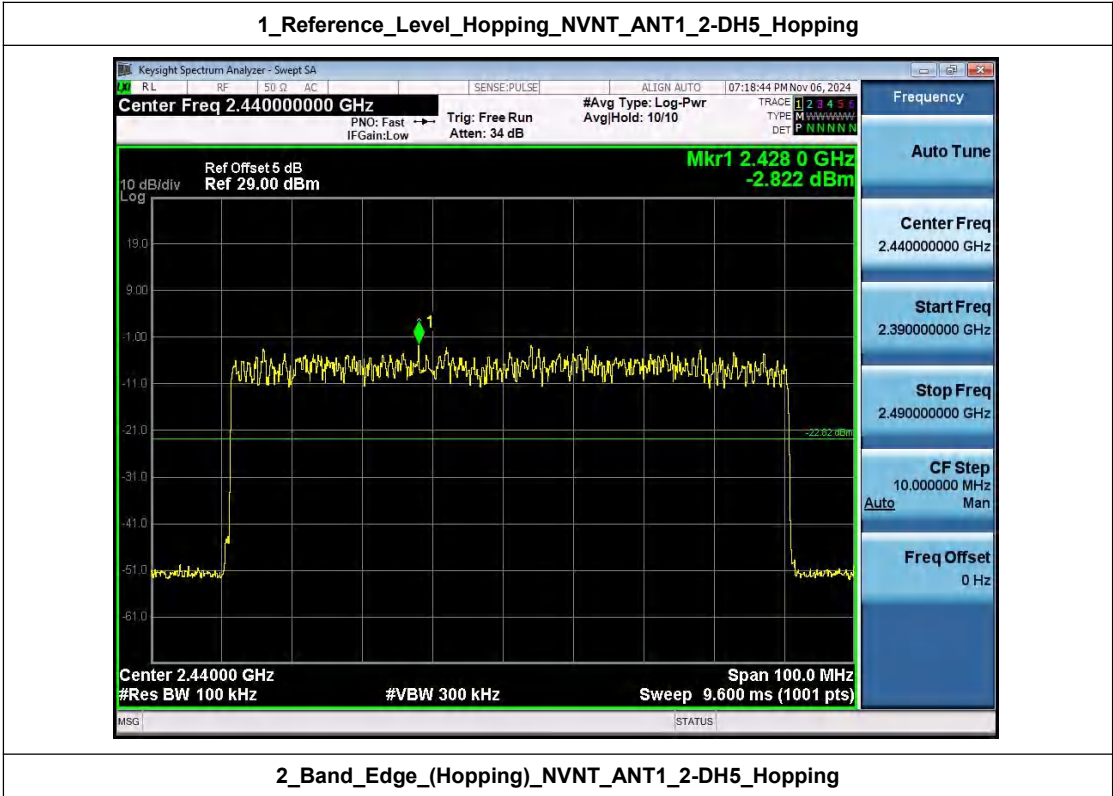
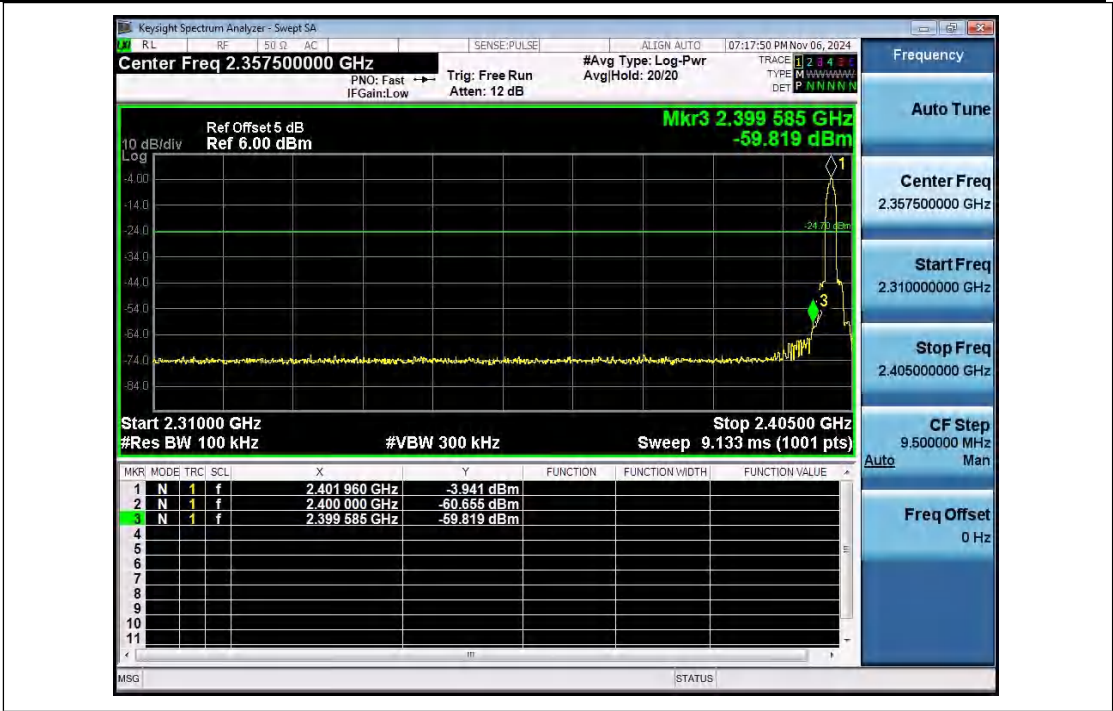


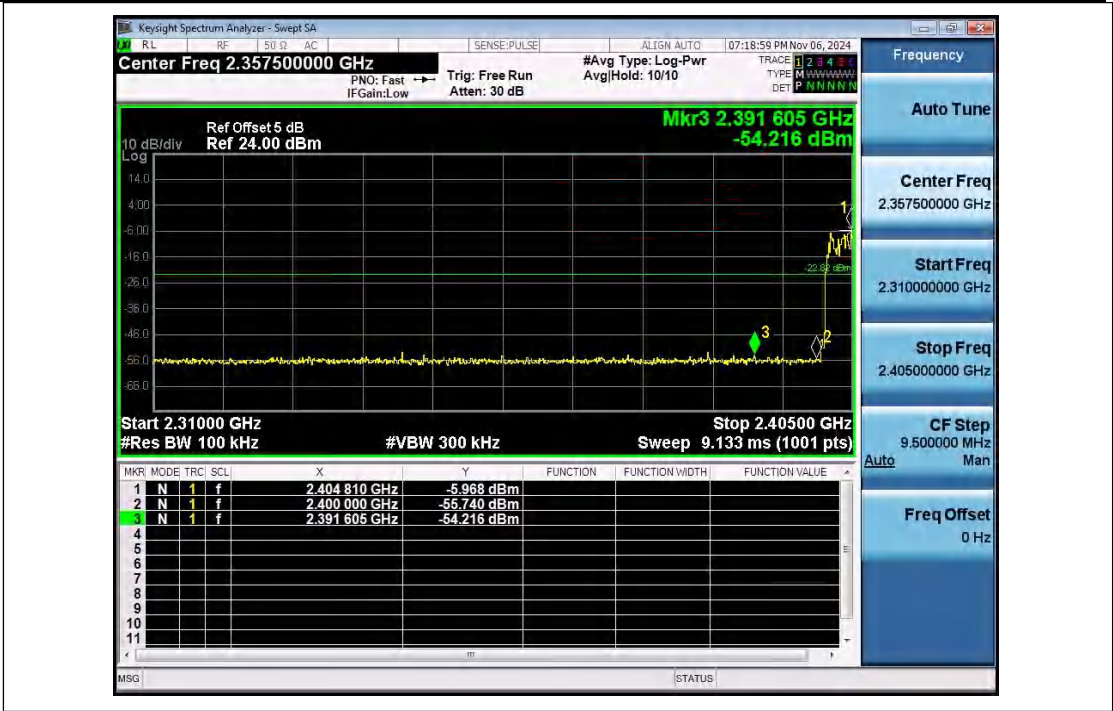
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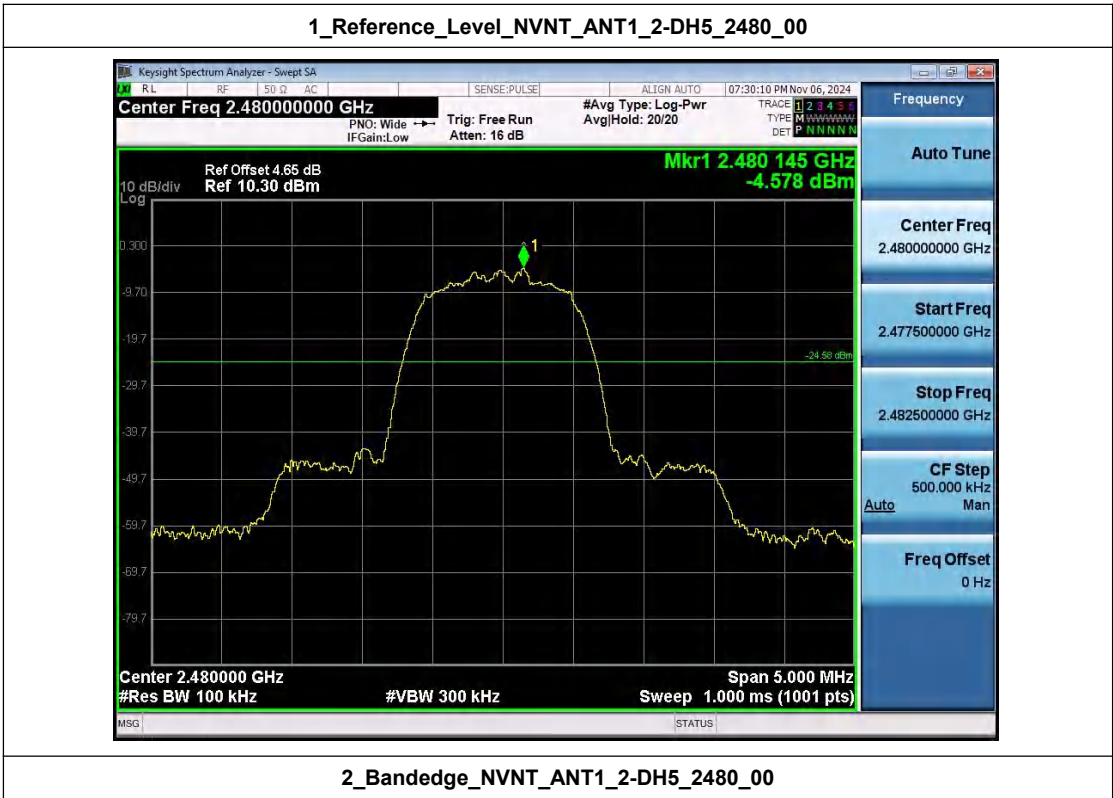
2_Bandedge_NVNT_ANT1_2-DH5_2402_00







1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

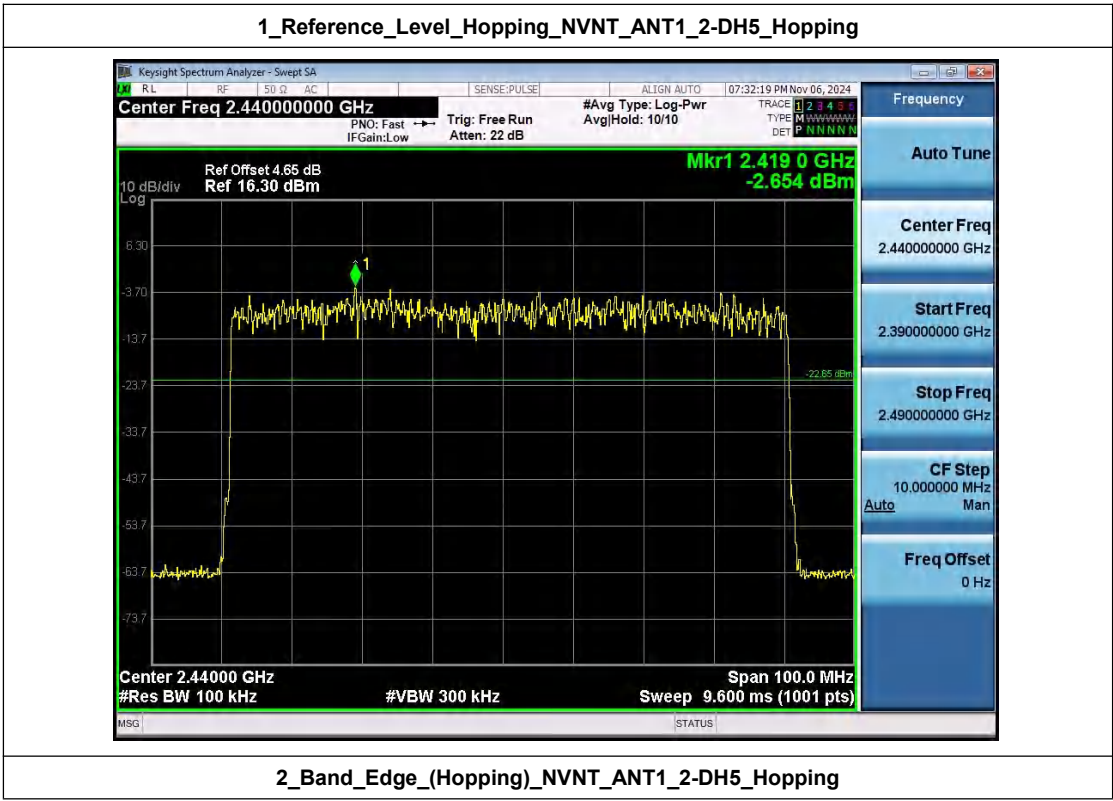


2_Bandedge_NVNT_ANT1_2-DH5_2480_00



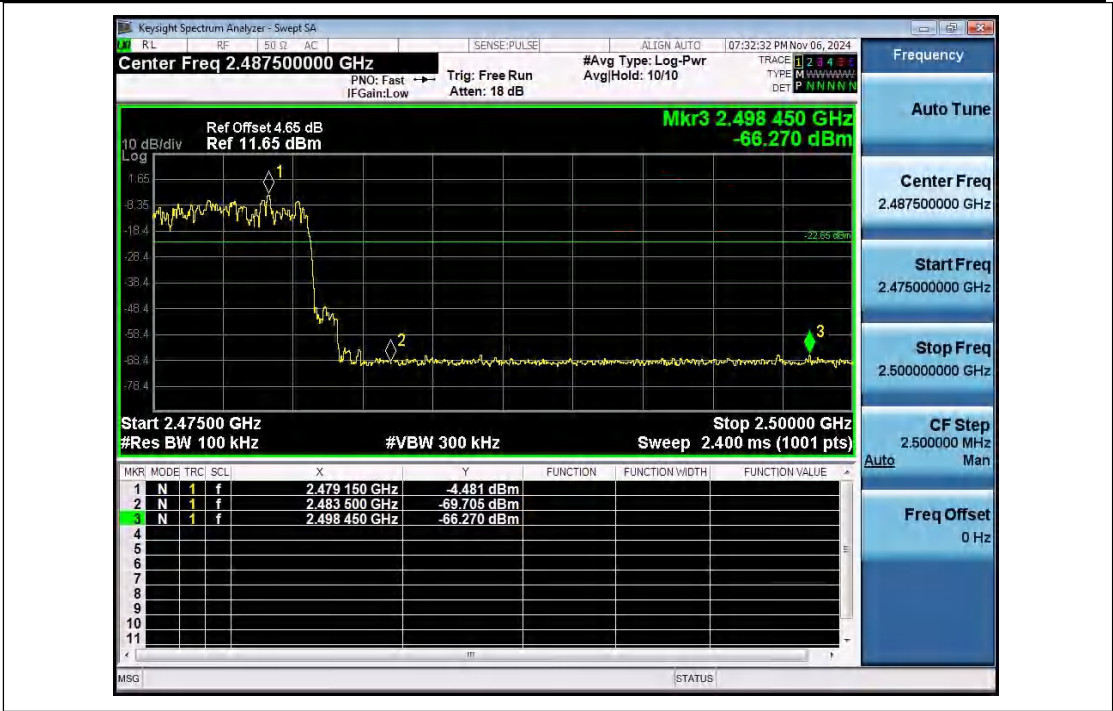


1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping

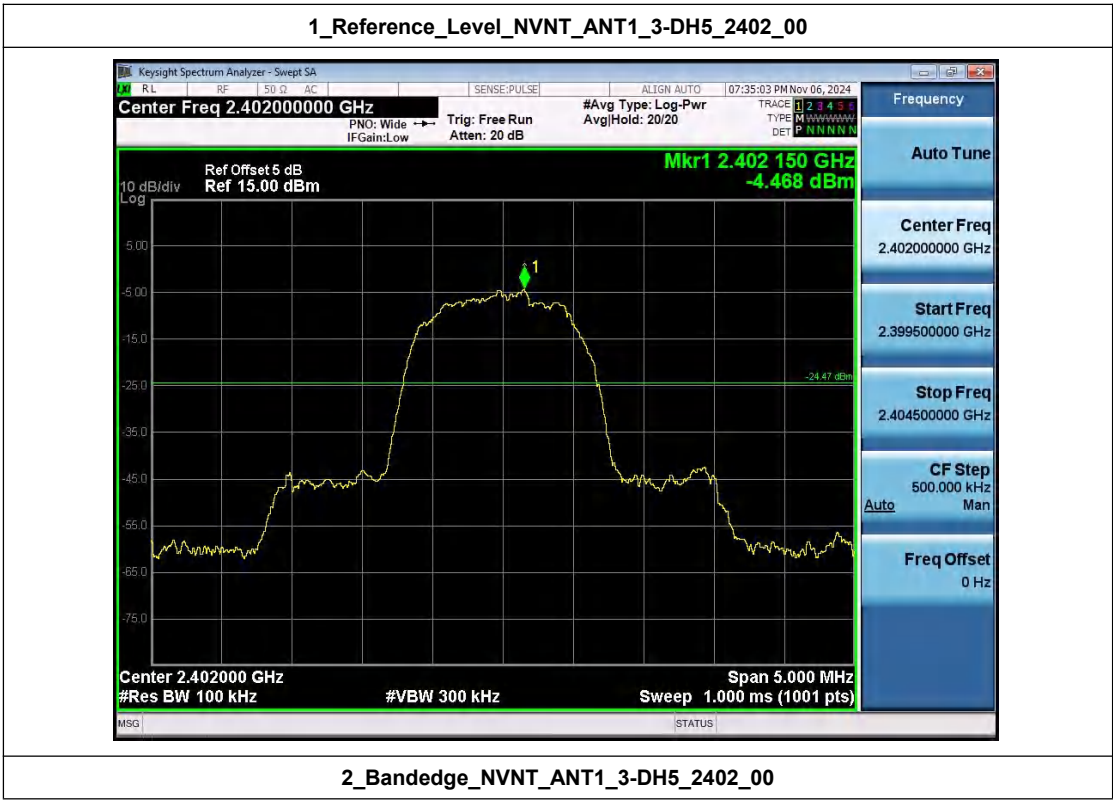


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



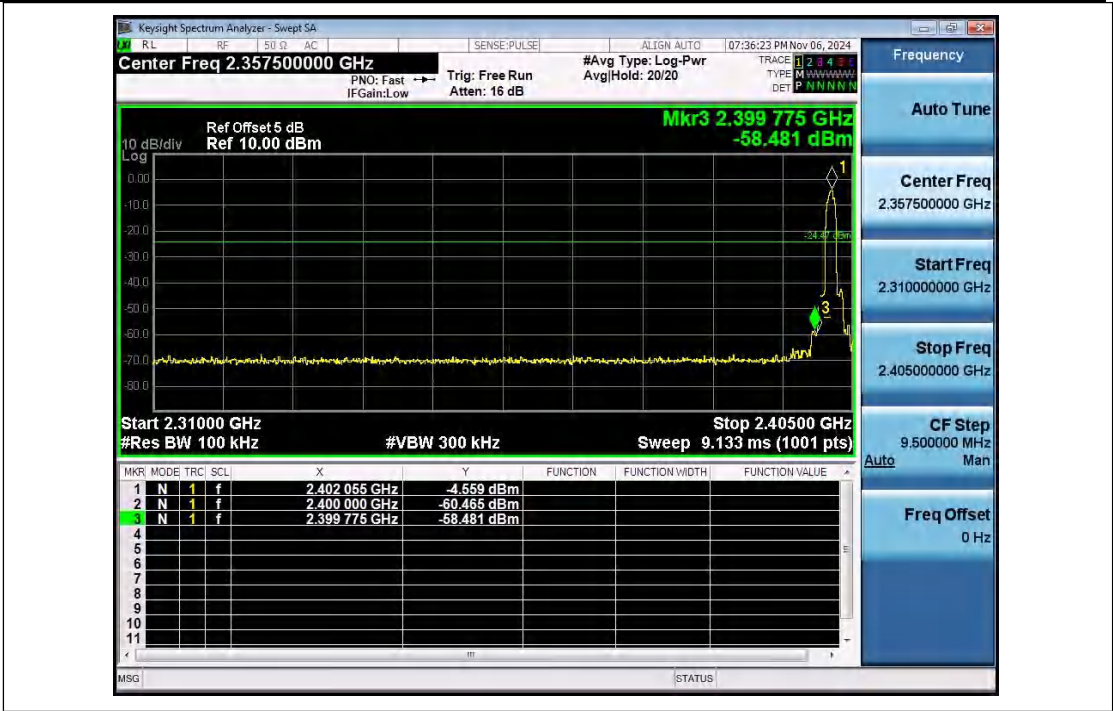


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

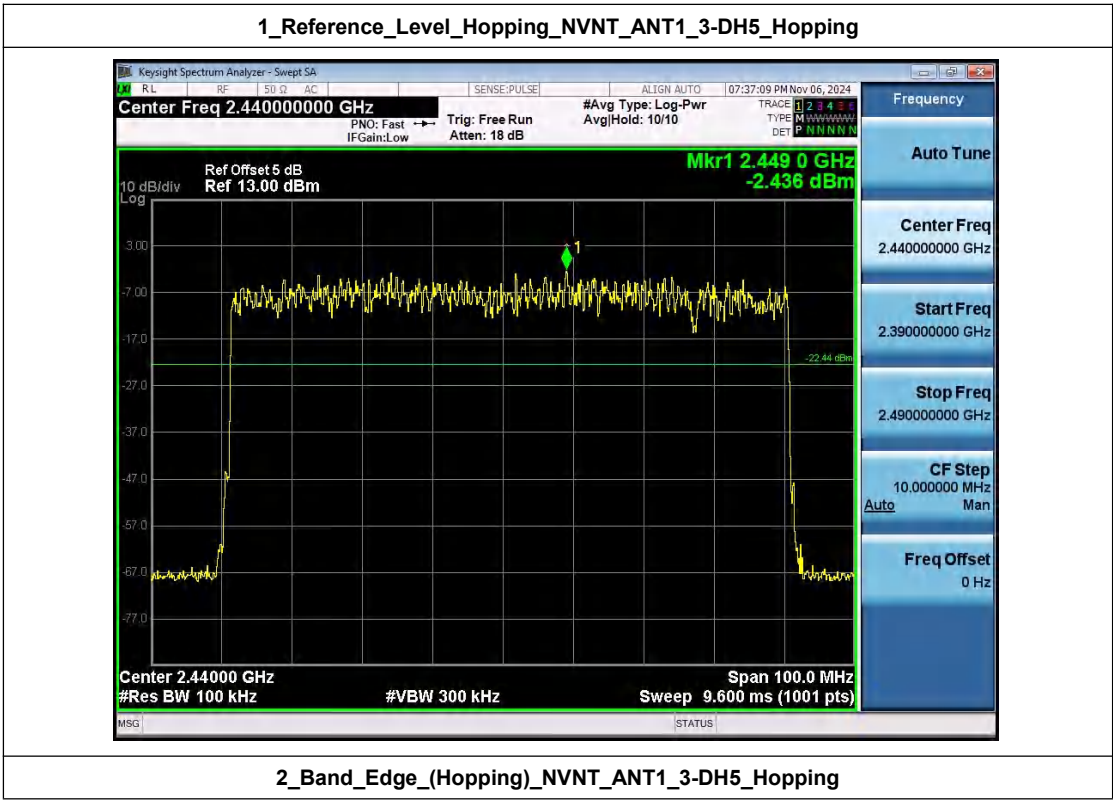


2_Bandedge_NVNT_ANT1_3-DH5_2402_00



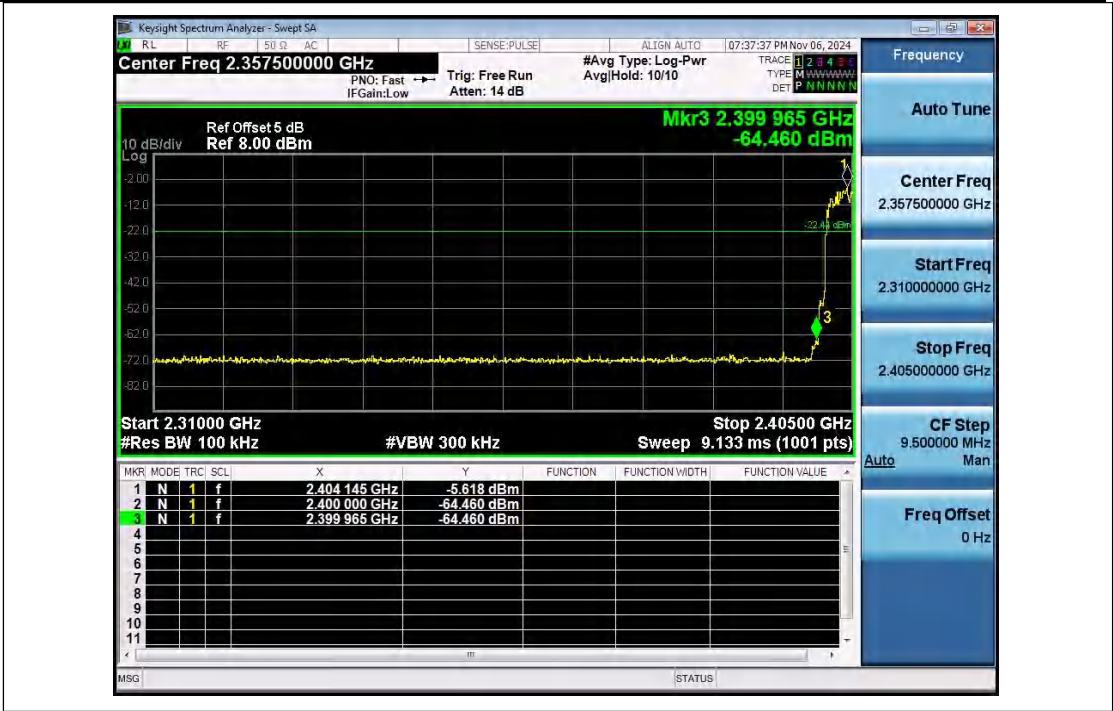


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping

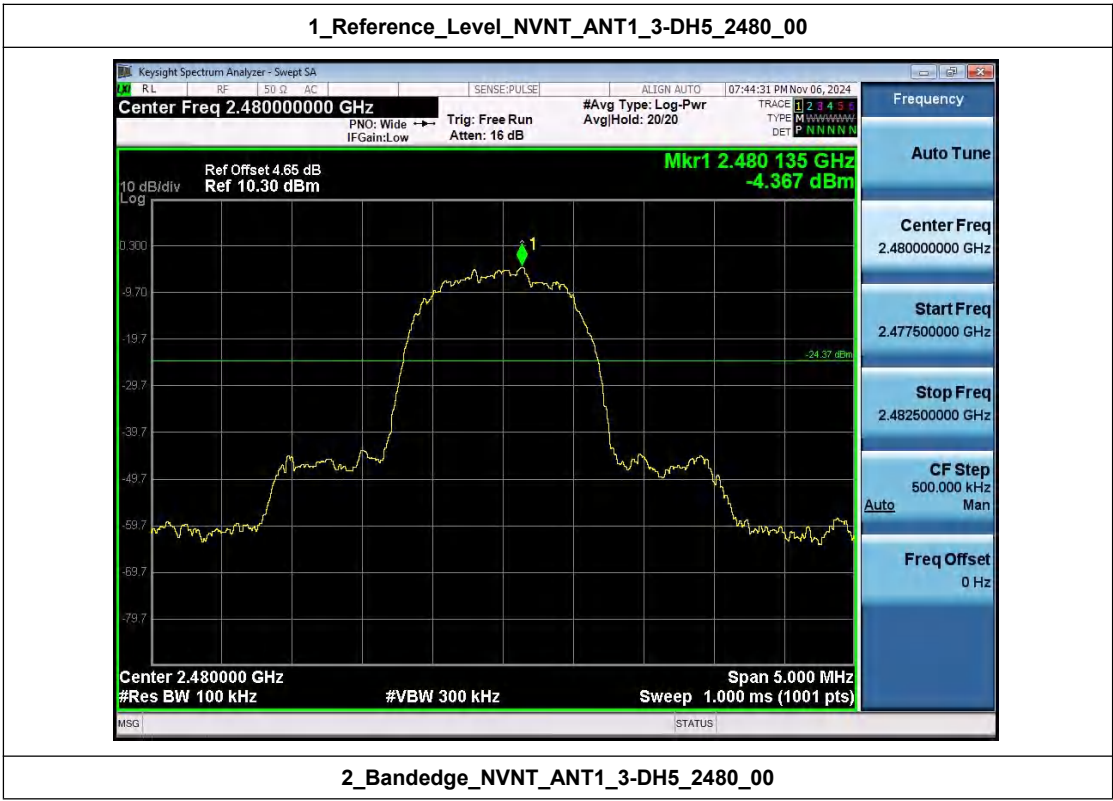


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



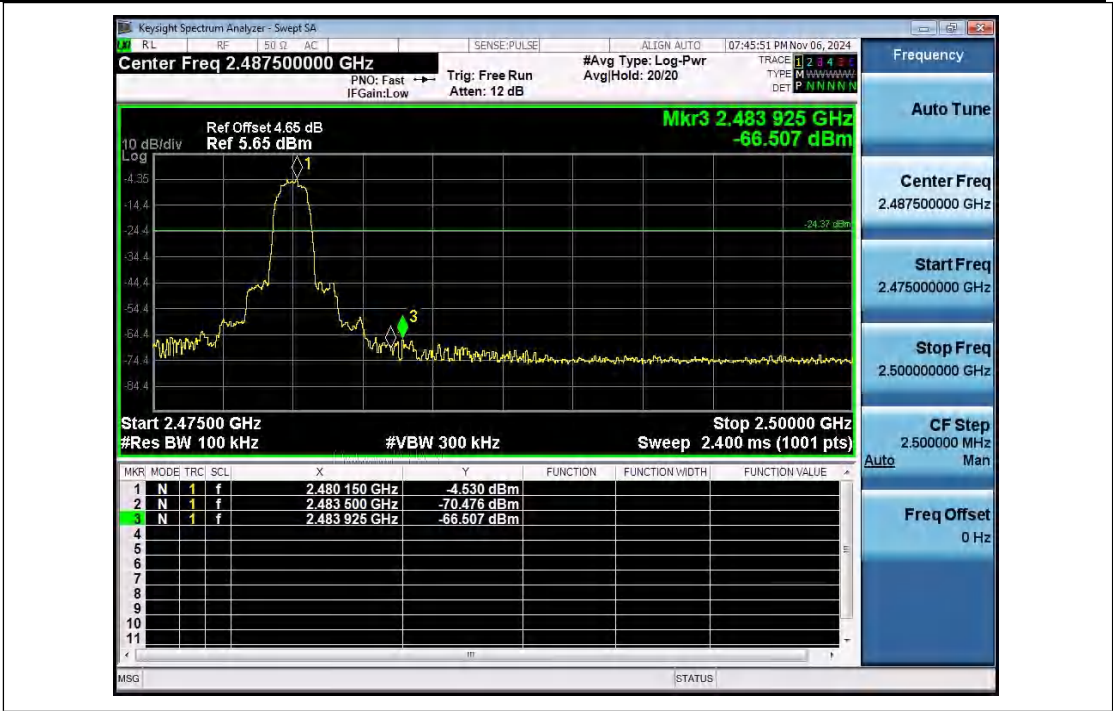


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00

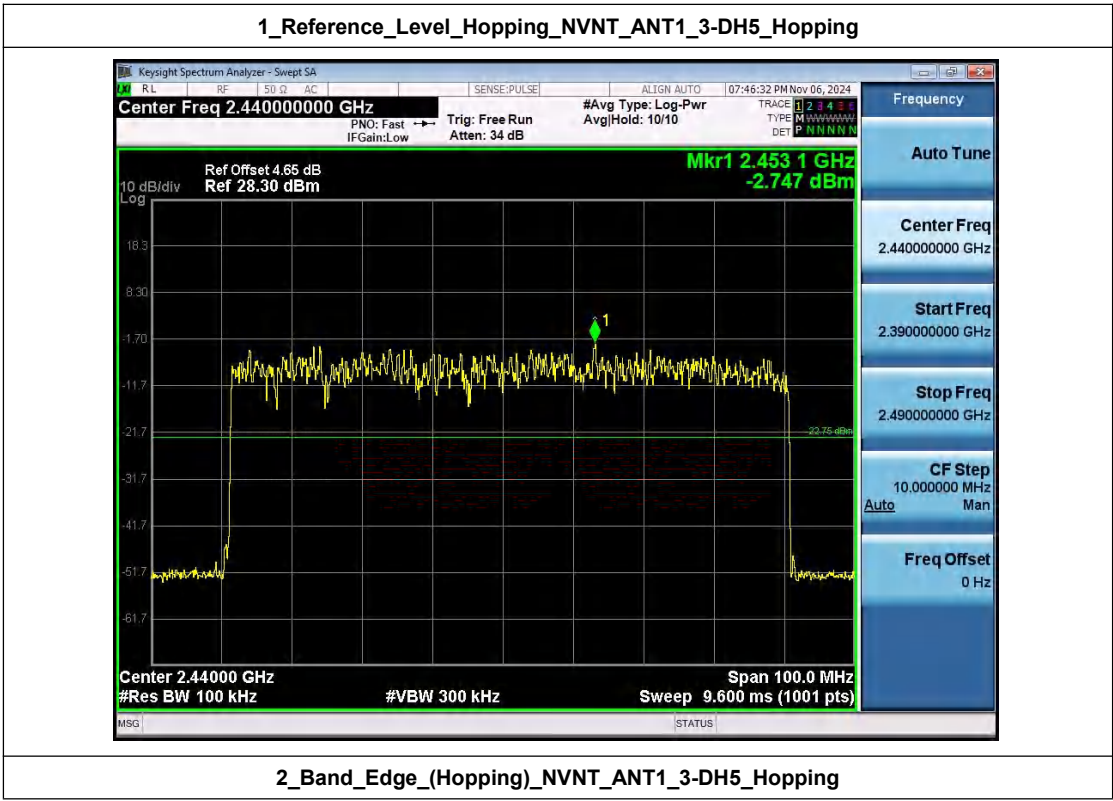


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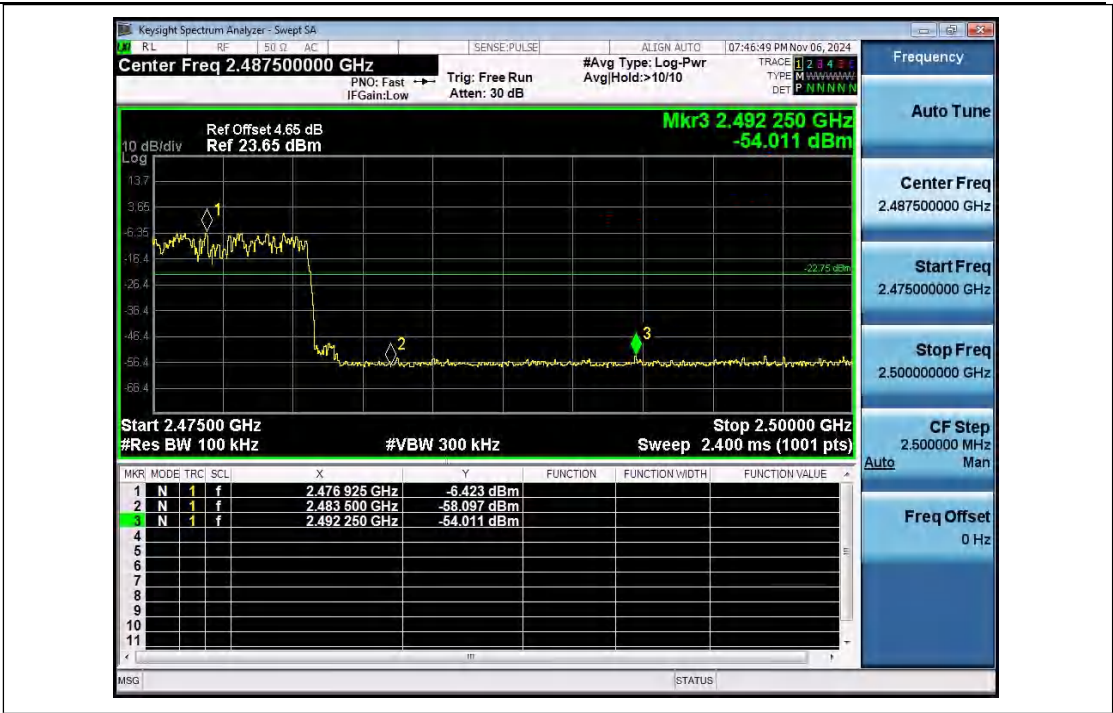


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping





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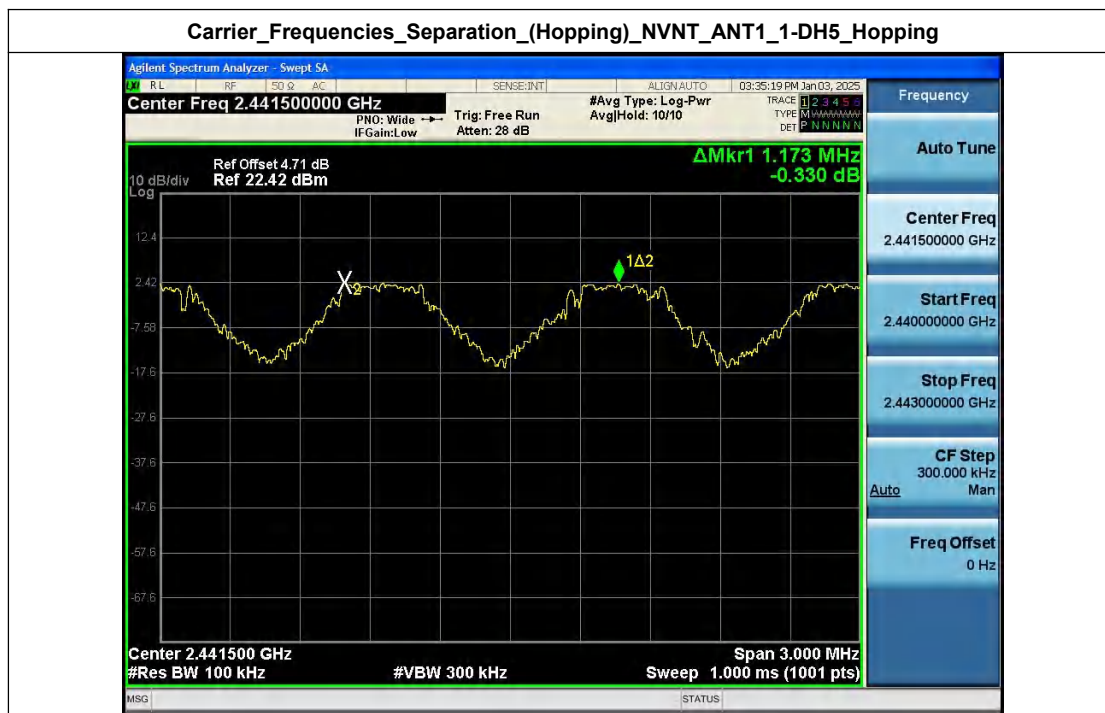
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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Appendix G: Carrier Frequencies Separation (Hopping)

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	2440.933	2441.920	1.17	0.848	Pass
NVNT	ANT1	2-DH5	2441.00	2440.795	2441.941	1.15	0.881	Pass
NVNT	ANT1	3-DH5	2441.00	2441.137	2442.070	0.93	0.921	Pass

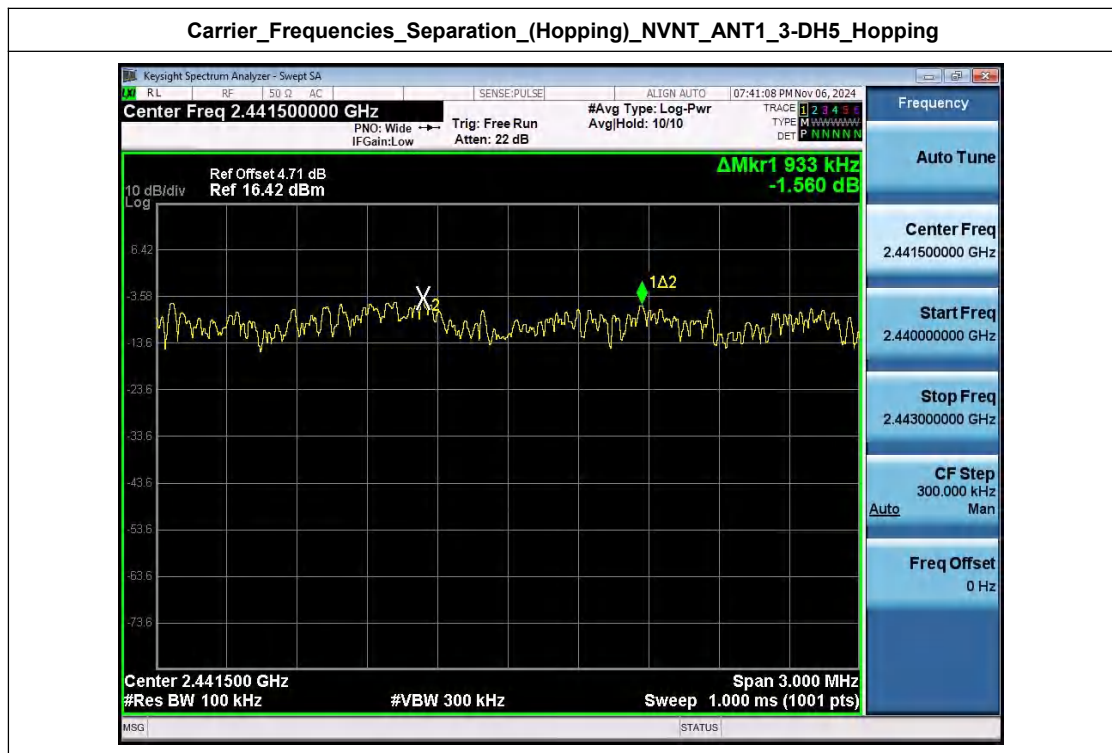


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH5_Hopping





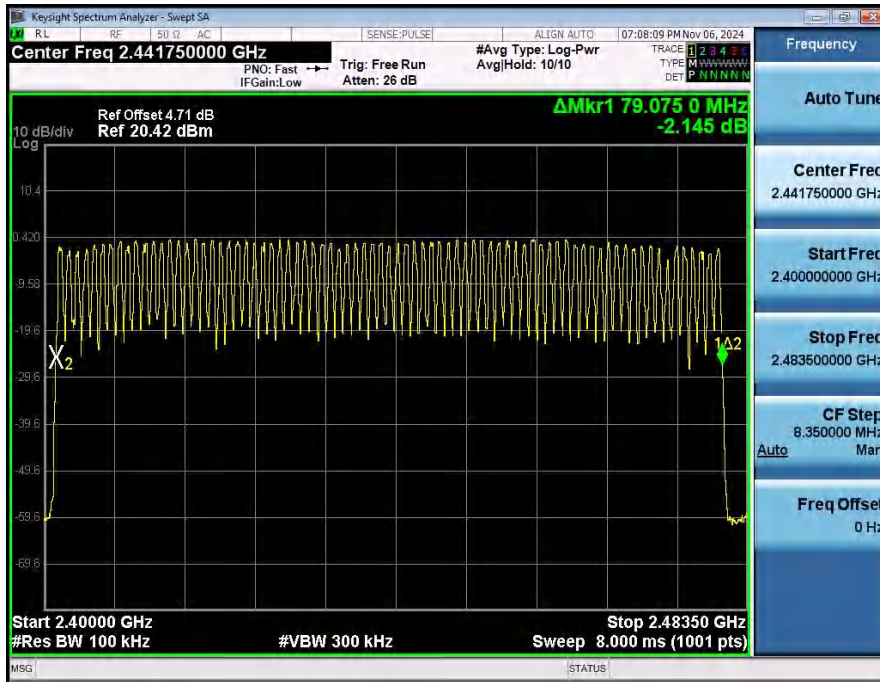
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH5_Hopping



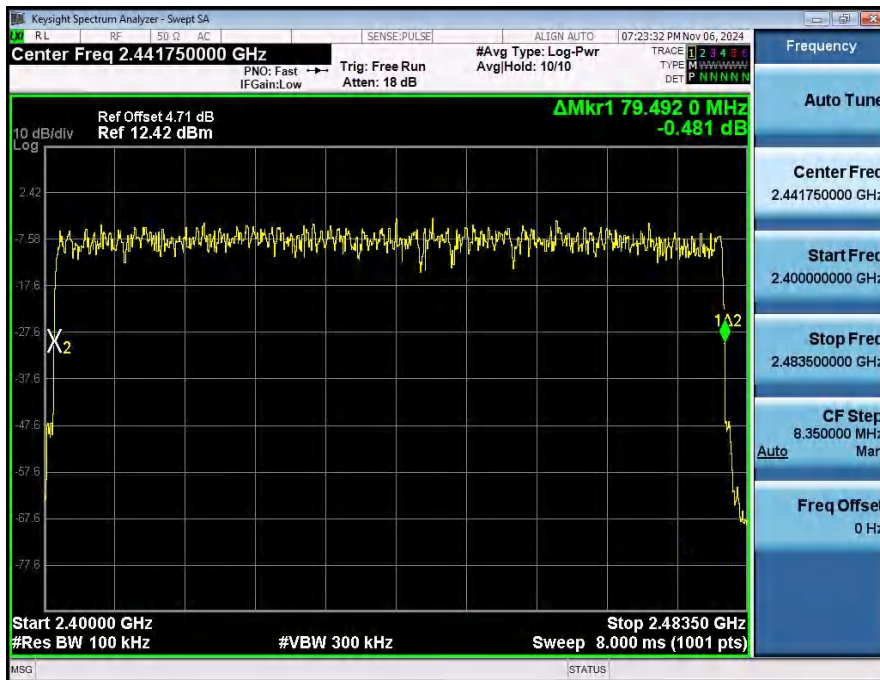
Appendix H: Number of Hopping Channel (Hopping)

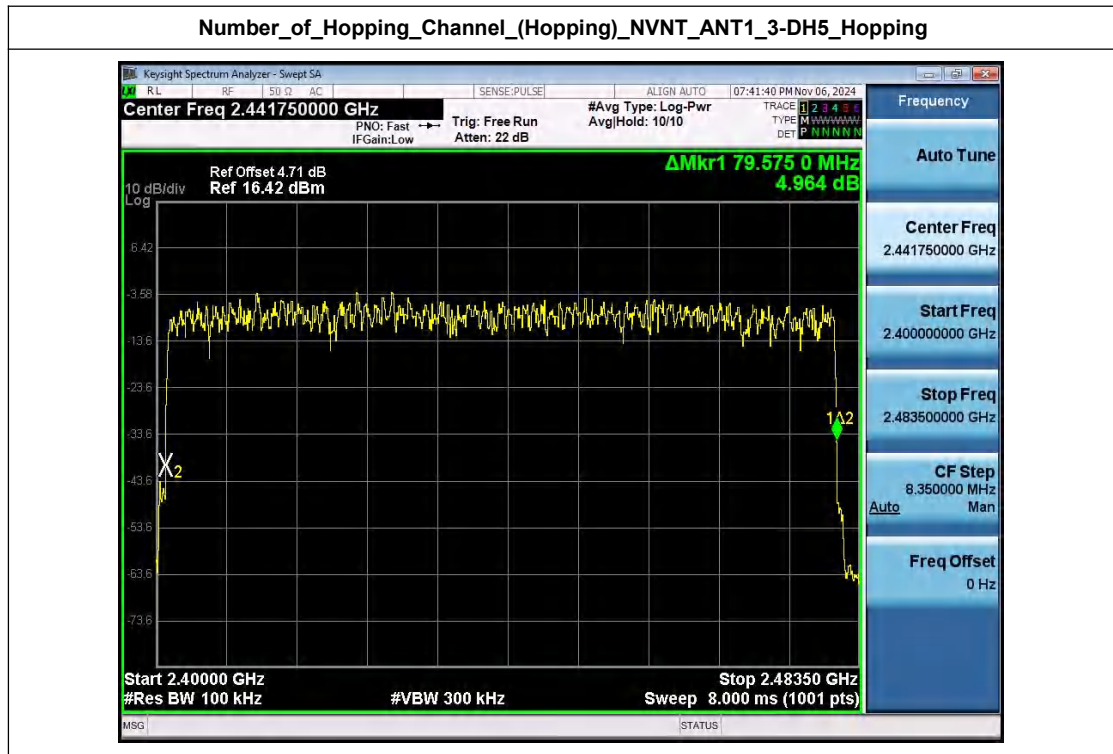
Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	75	Pass
NVNT	ANT1	2-DH5	79	15	Pass
NVNT	ANT1	3-DH5	79	15	Pass

Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_1-DH5_Hopping



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-DH5_Hopping





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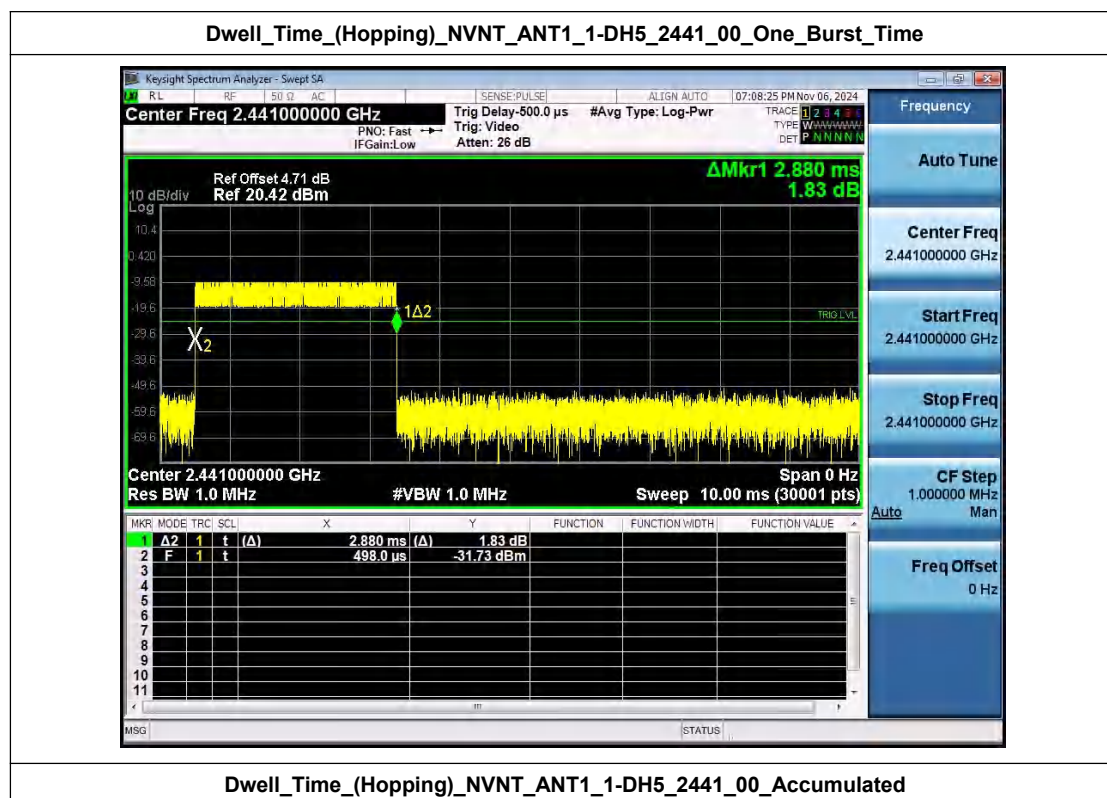


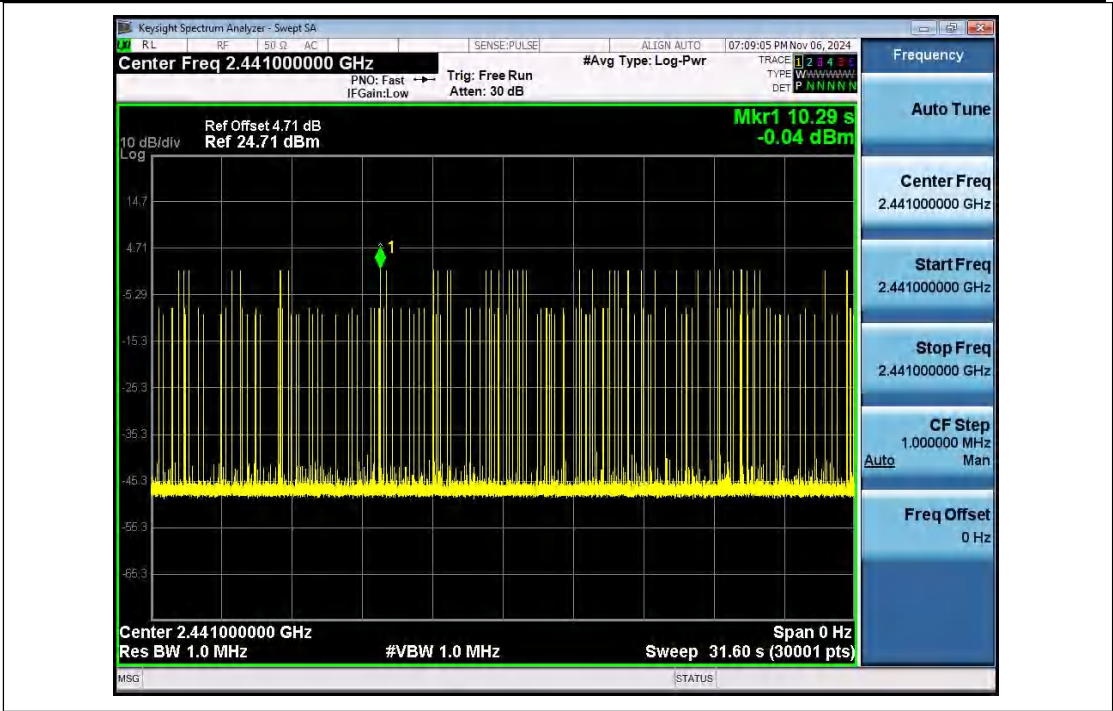
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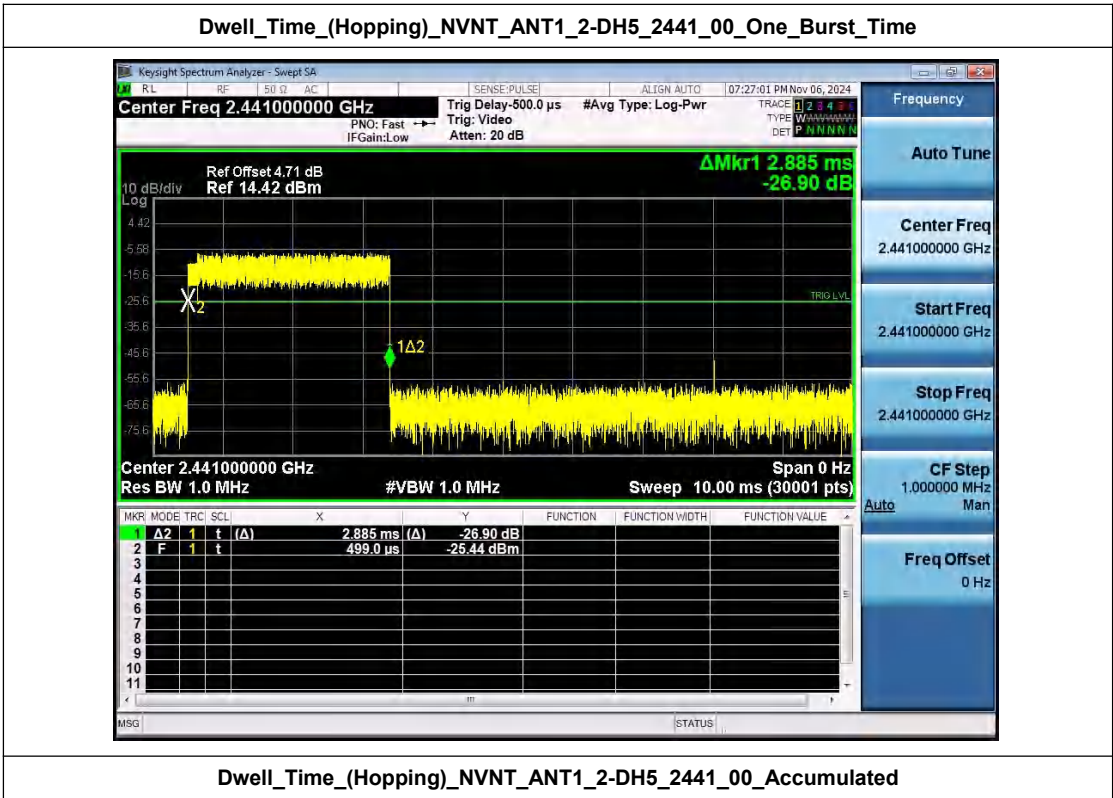
Appendix I: Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.880	40.00	115.200	0.40	Pass
NVNT	ANT1	2-DH5	2.885	42.00	121.170	0.40	Pass
NVNT	ANT1	3-DH5	2.886	47.00	135.642	0.40	Pass
NVNT	ANT1	1-DH1	0.376	119.00	44.744	0.40	Pass
NVNT	ANT1	1-DH3	1.632	2.00	3.264	0.40	Pass
NVNT	ANT1	2-DH1	0.384	2.00	0.768	0.40	Pass
NVNT	ANT1	2-DH3	1.636	53.00	86.708	0.40	Pass
NVNT	ANT1	3-DH1	0.383	119	0.046	0.40	Pass
NVNT	ANT1	3-DH3	1.633	75	0.122	0.40	Pass



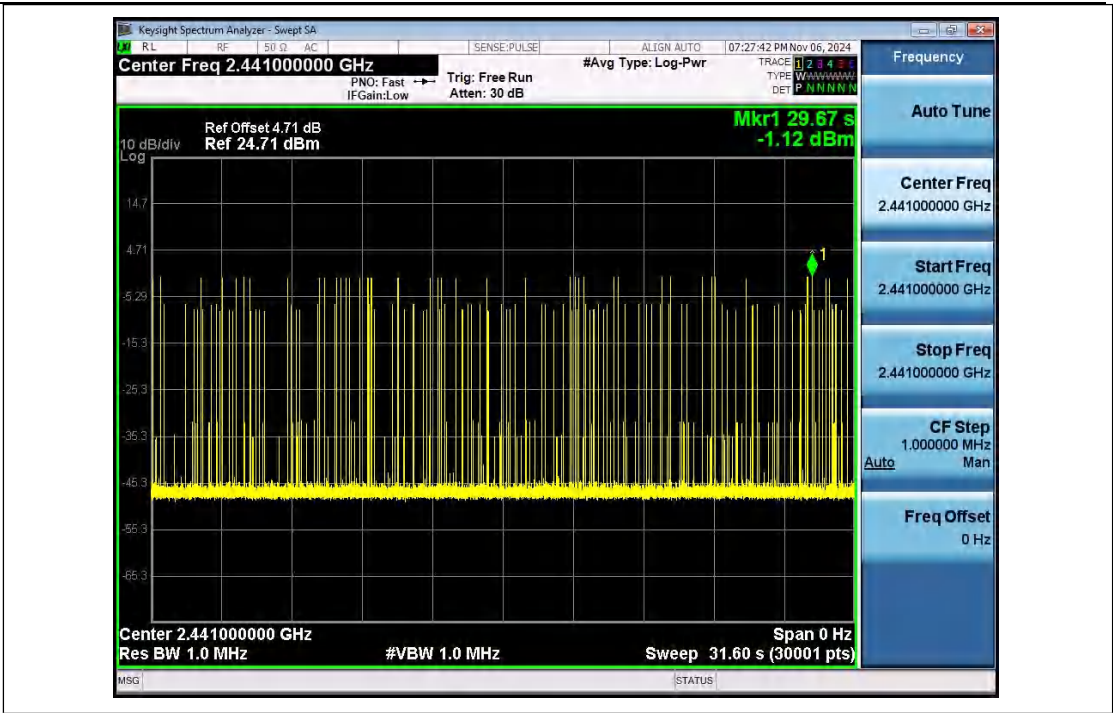


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time

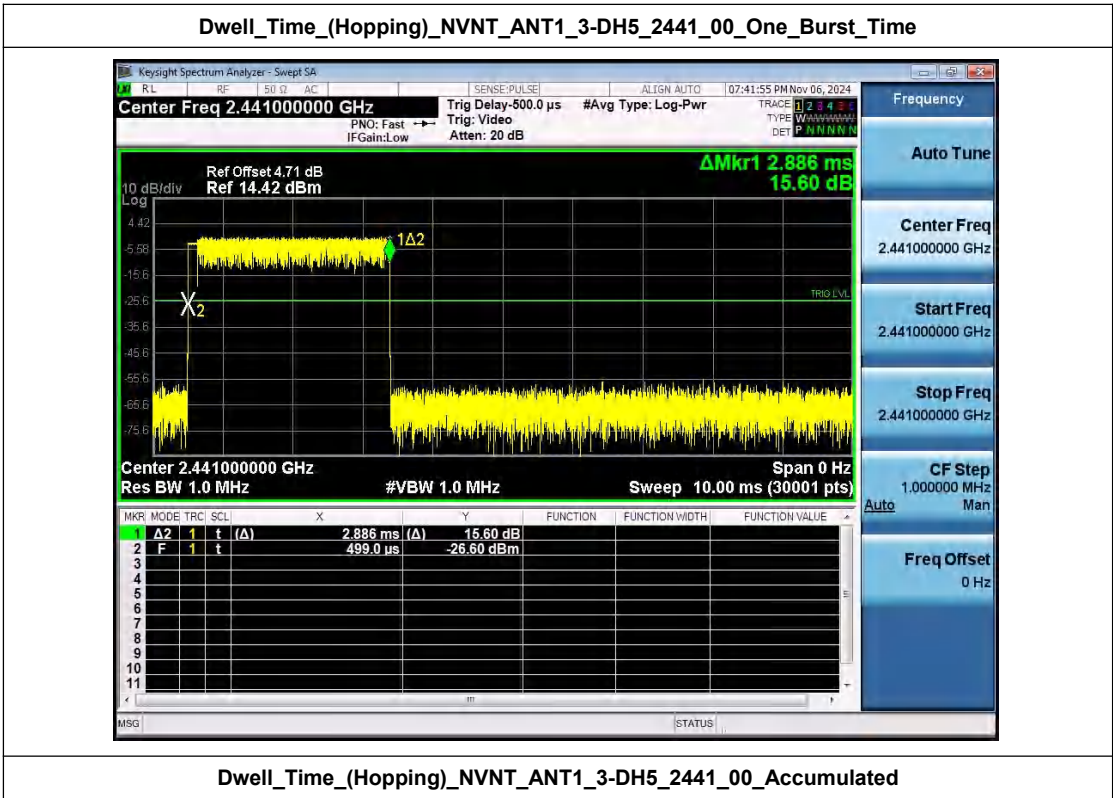


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



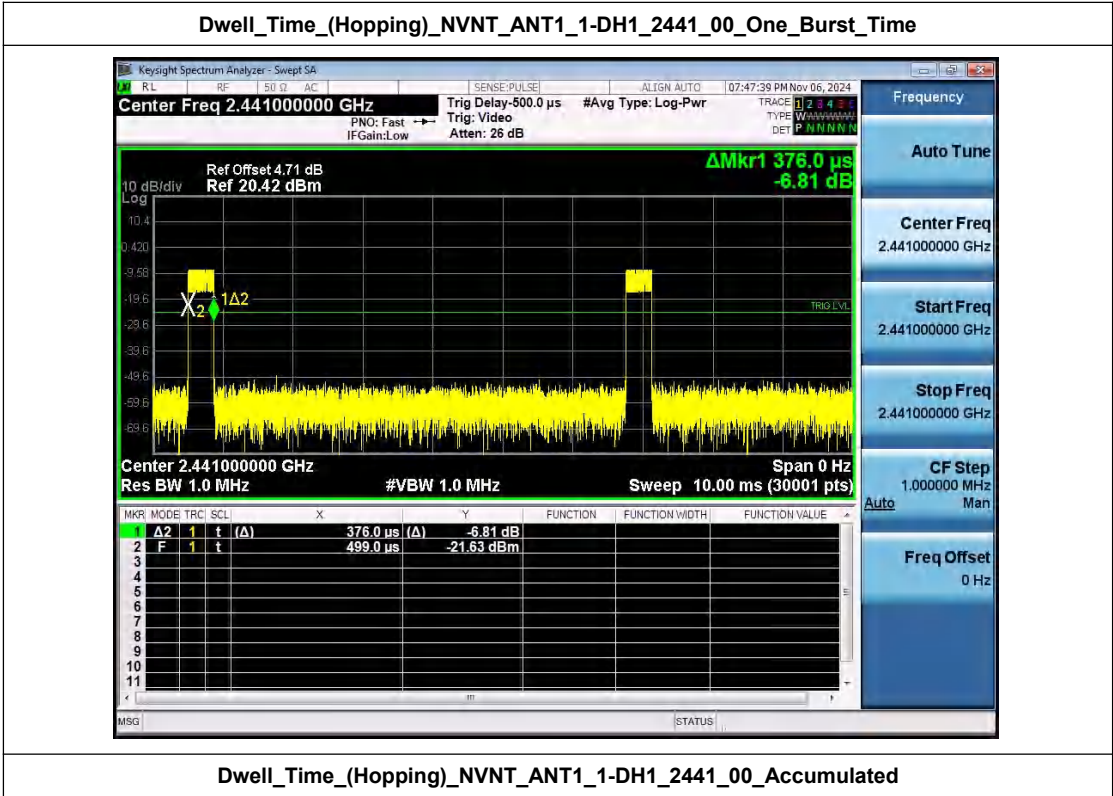
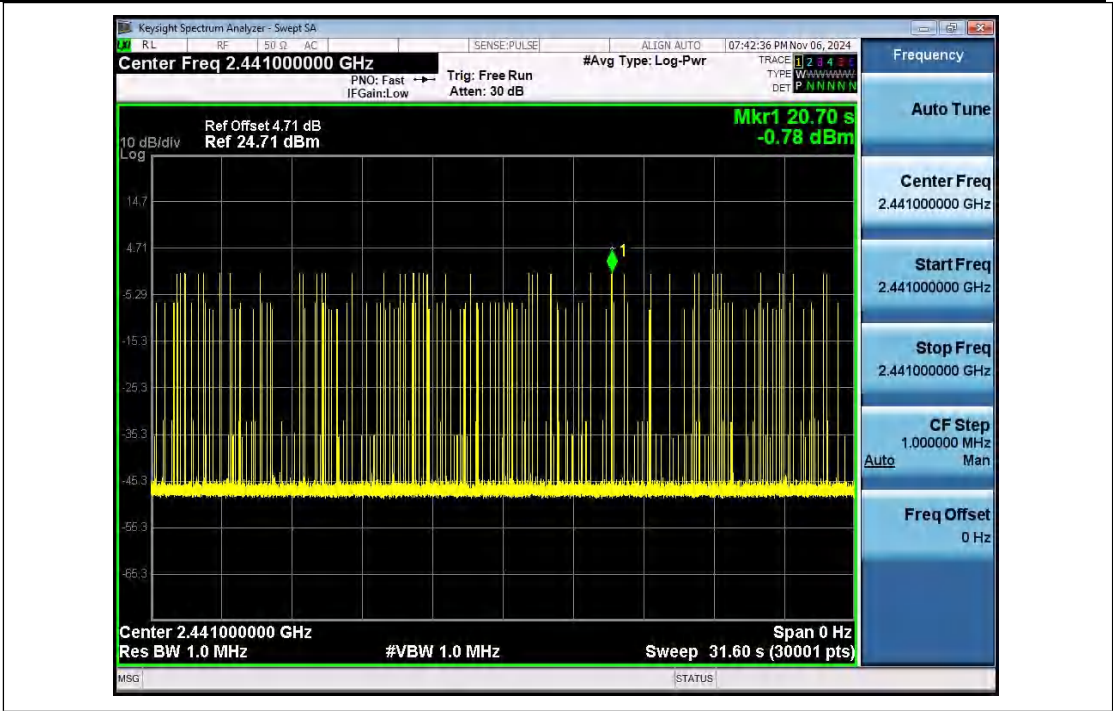


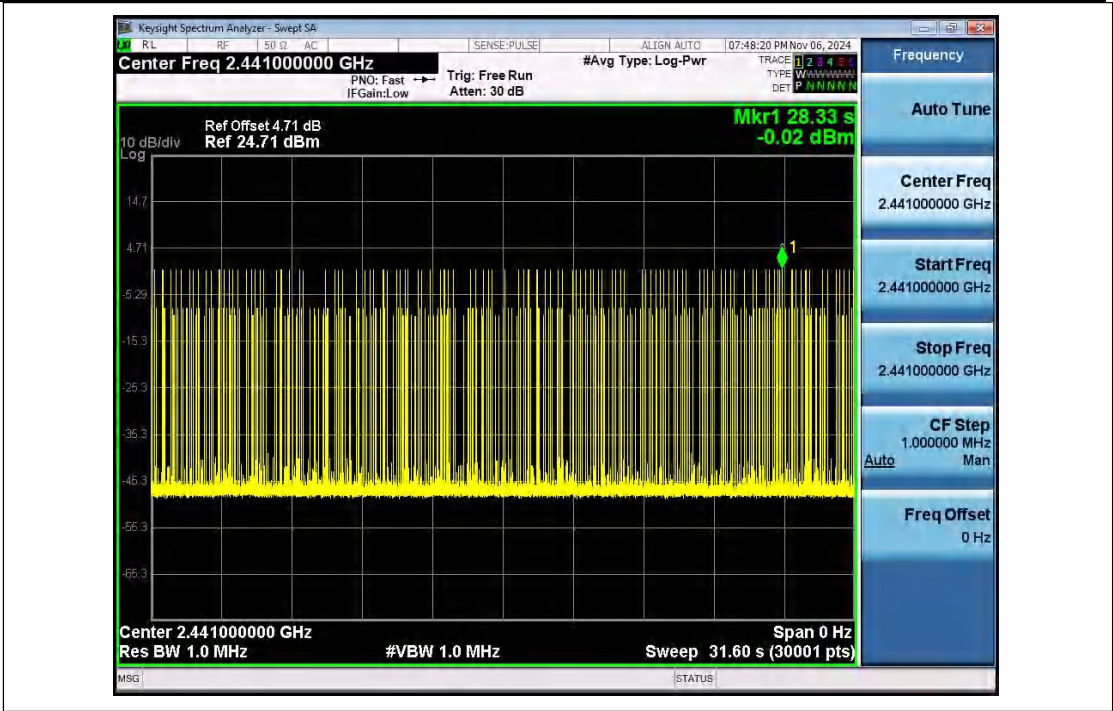
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_One_Burst_Time



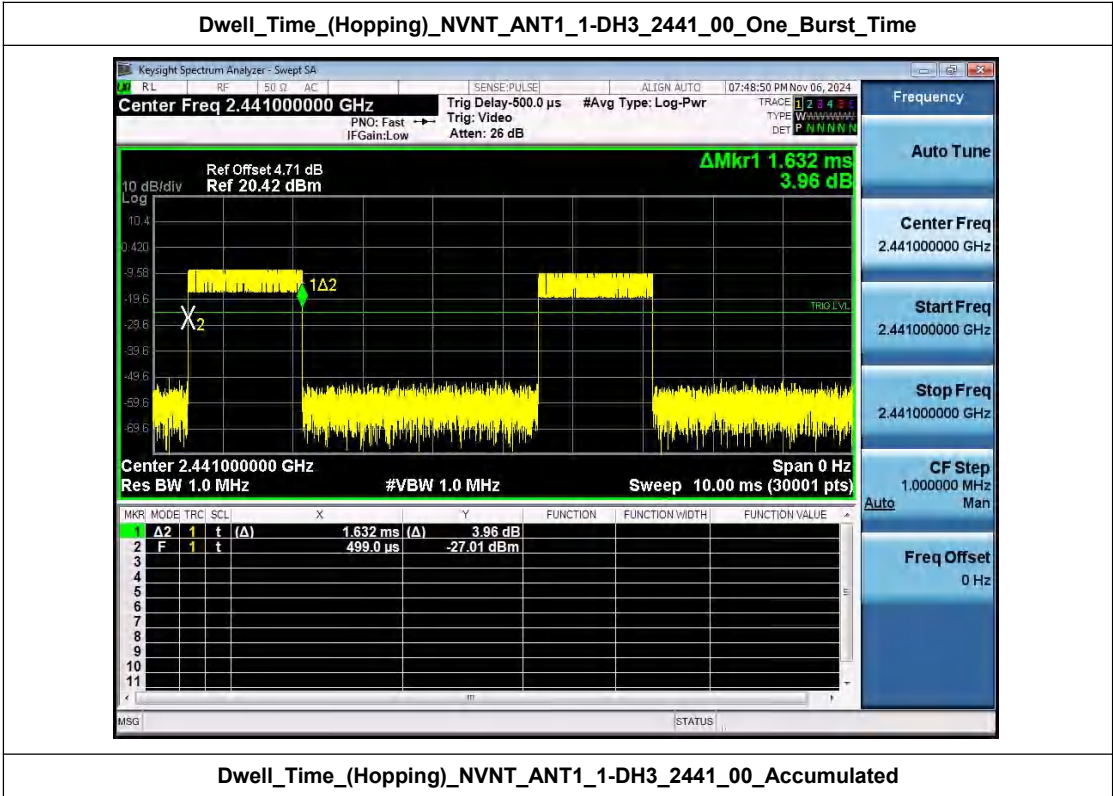
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_Accumulated





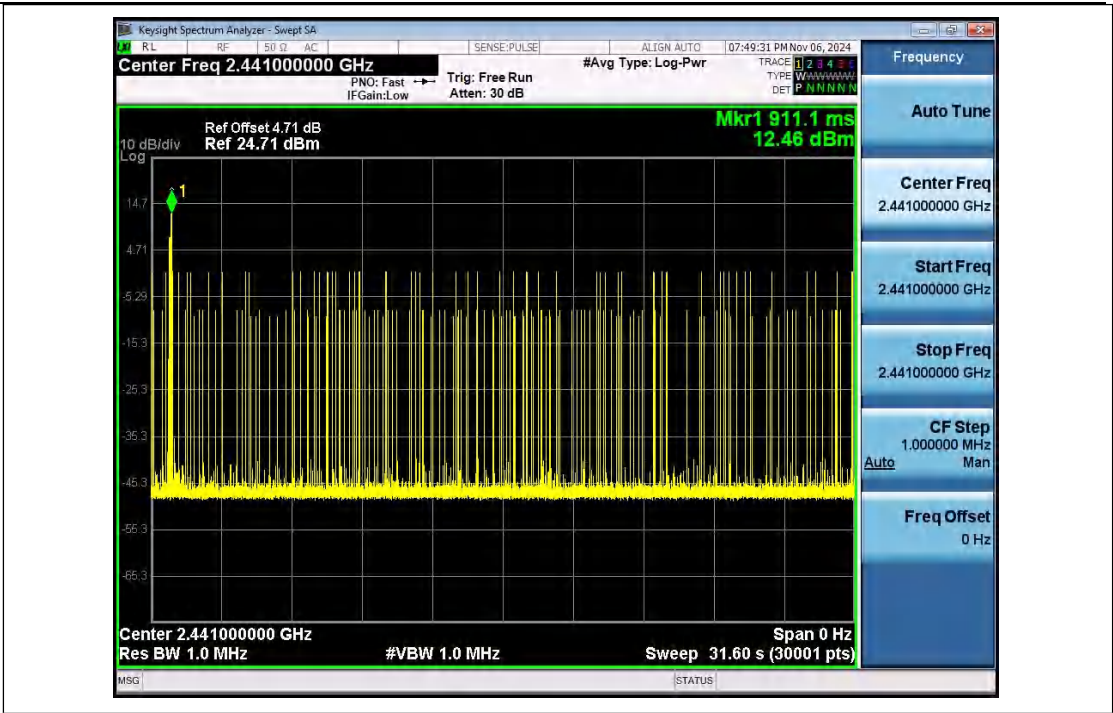


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time

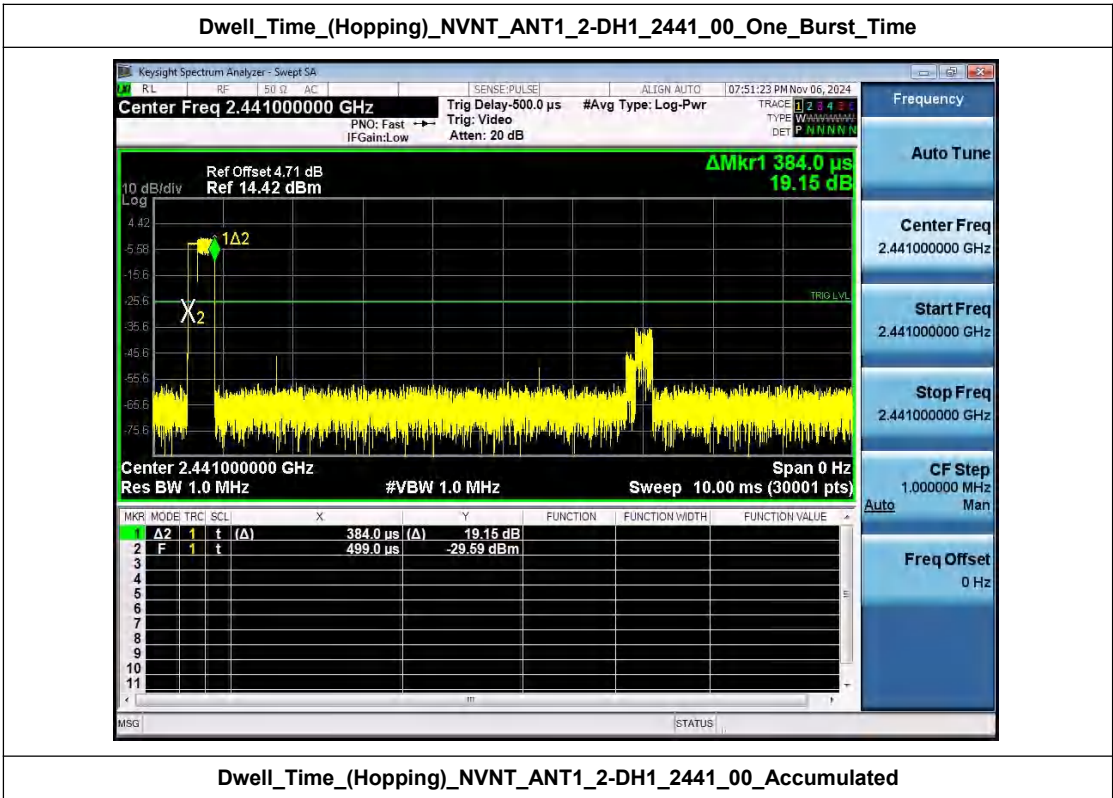


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_Accumulated



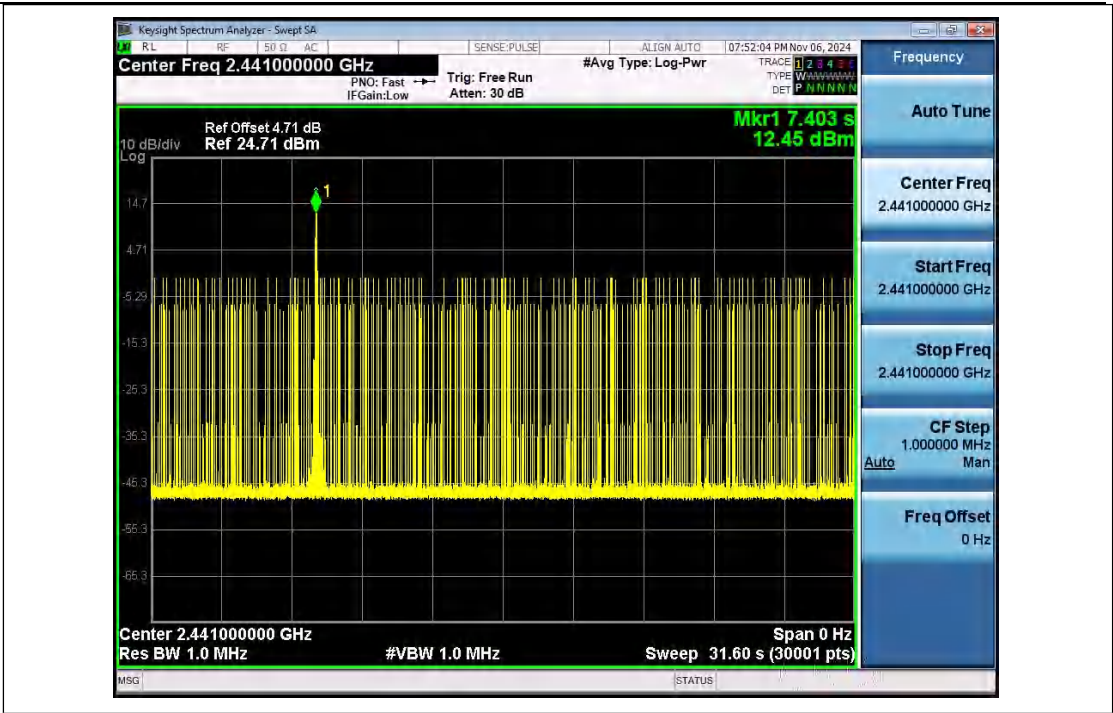


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_One_Burst_Time

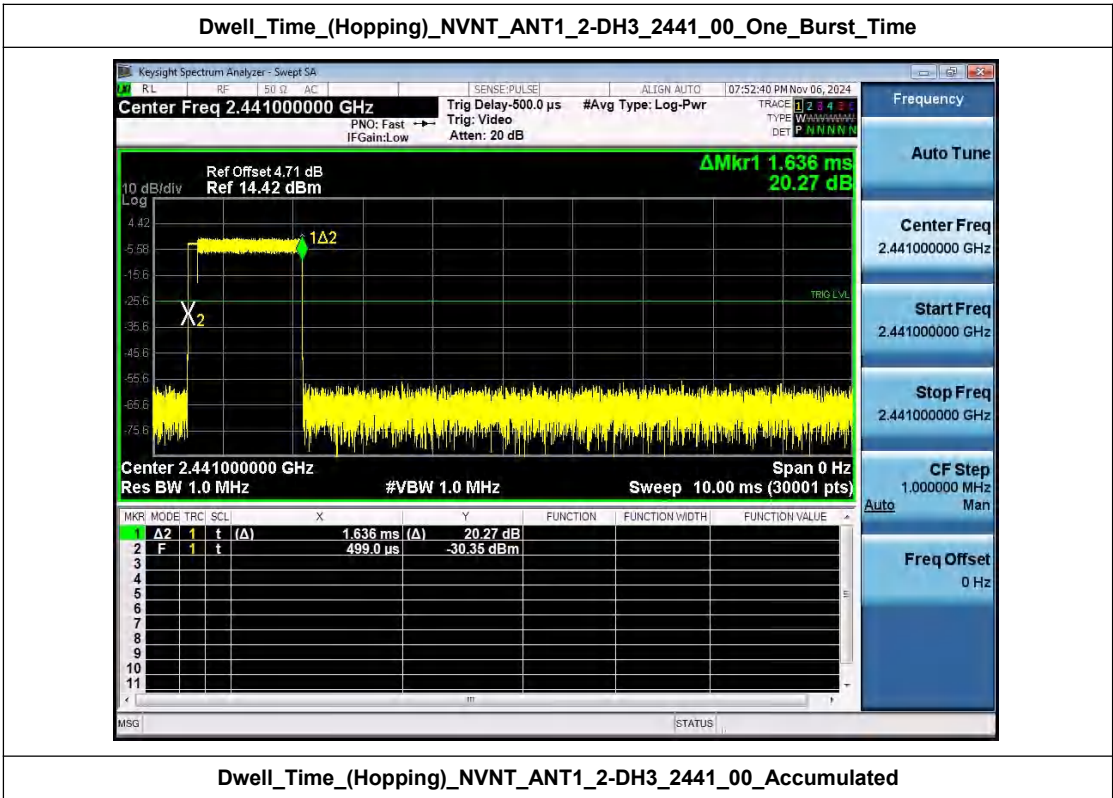


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_Accumulated



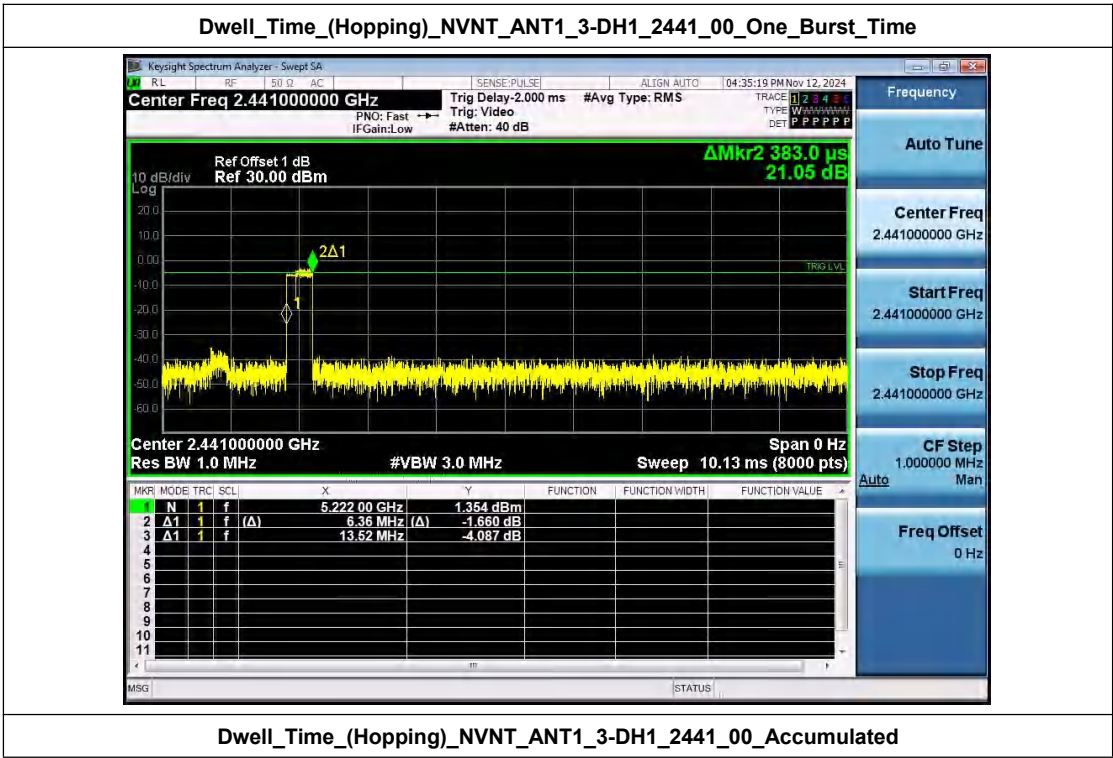
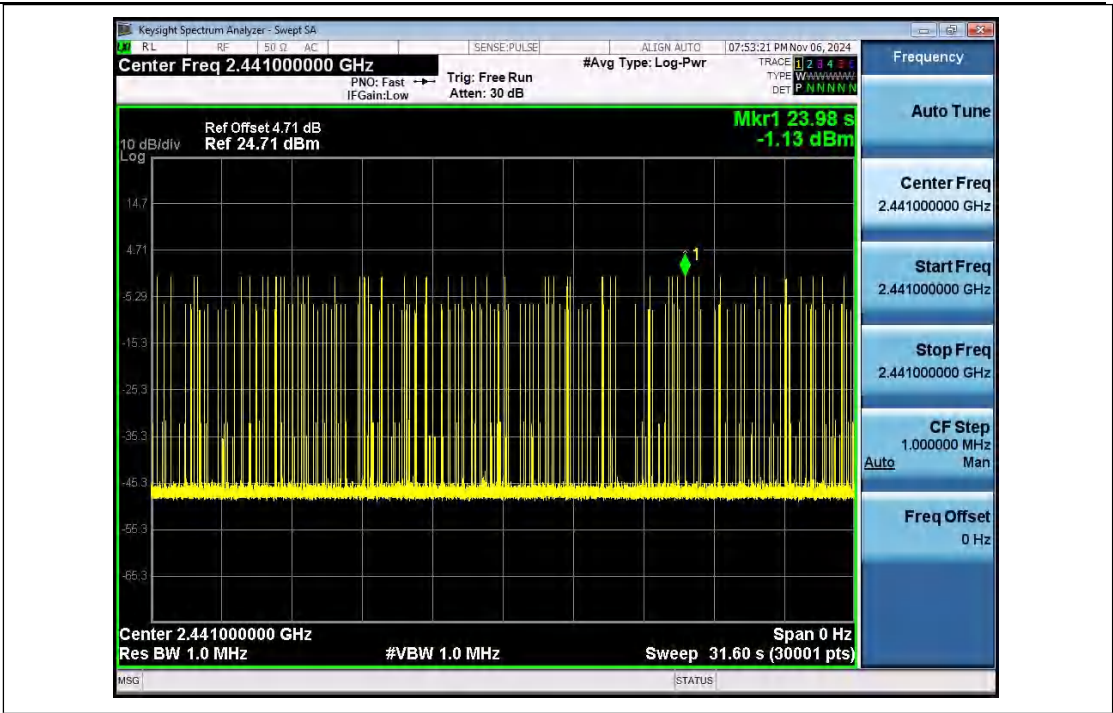


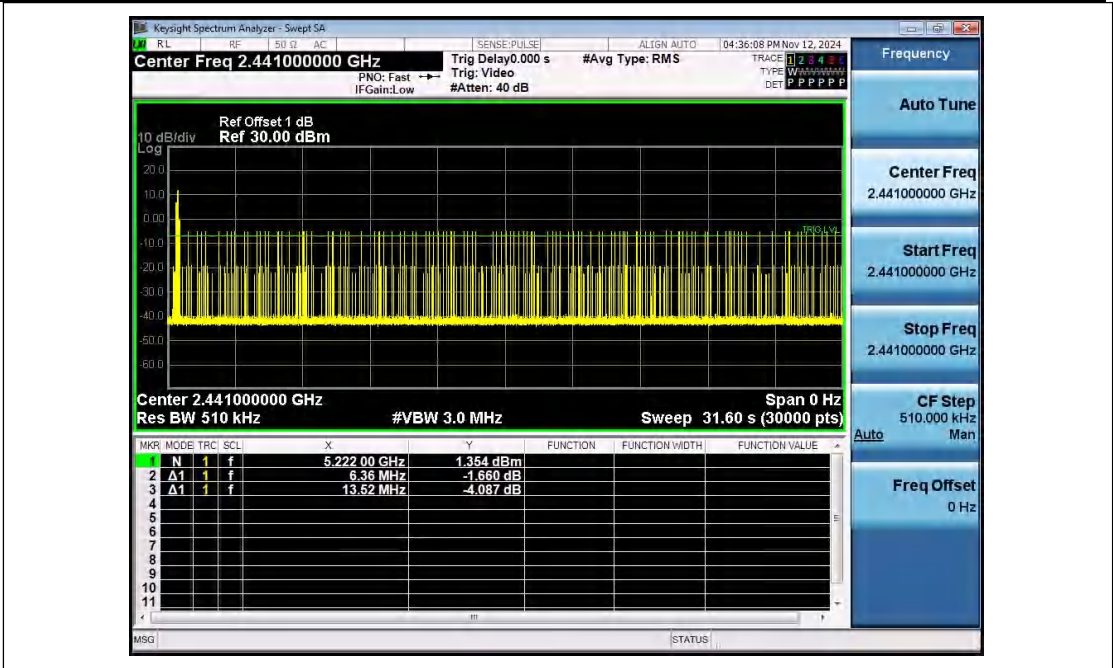
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



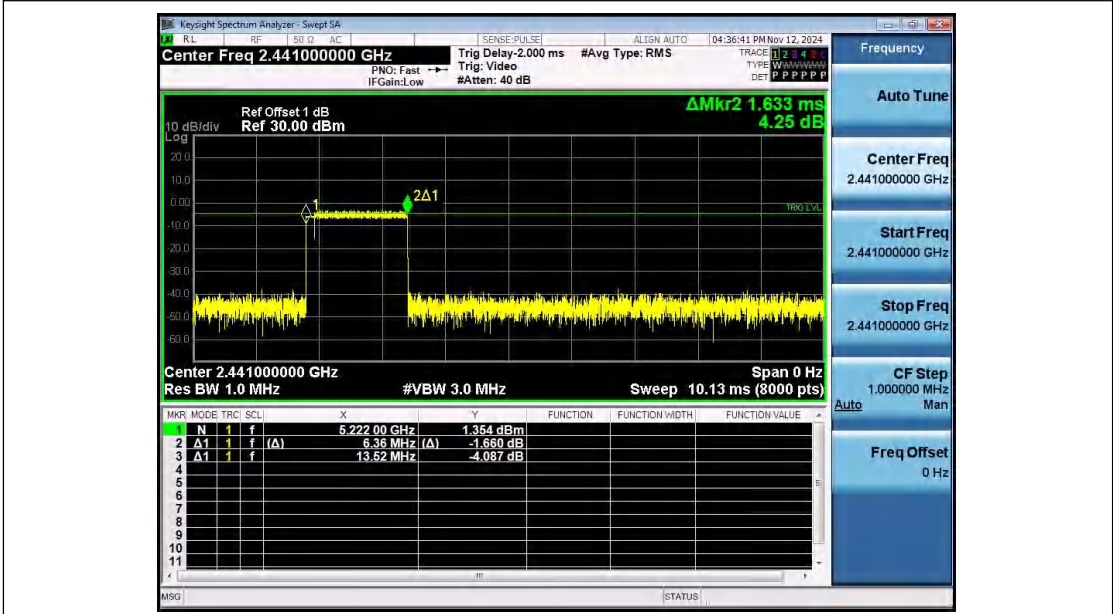
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_Accumulated





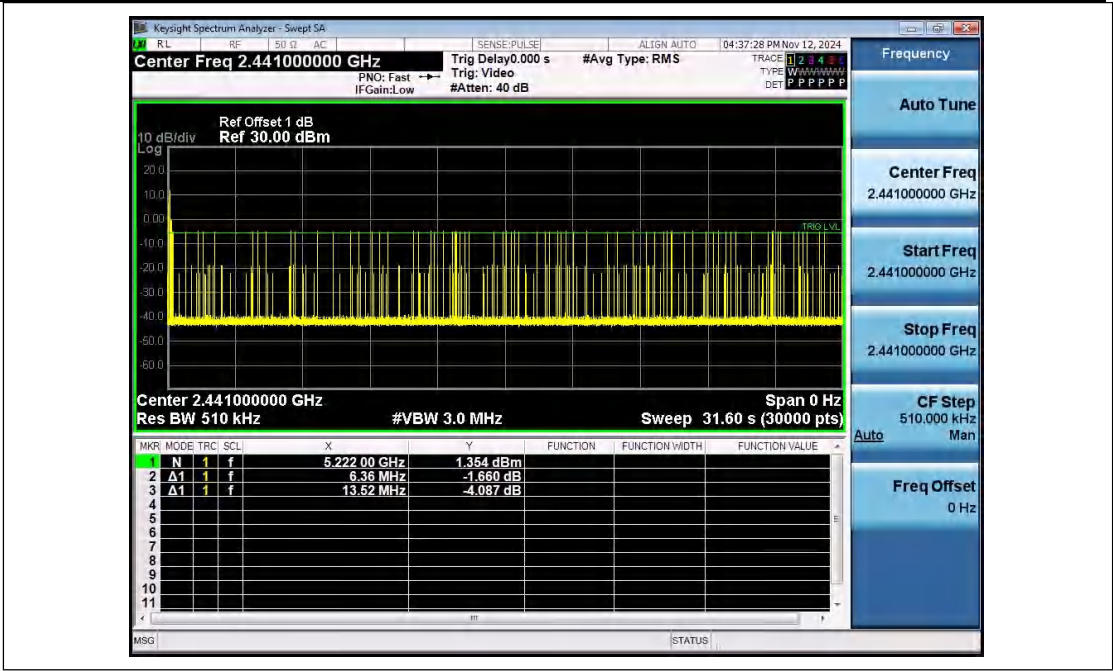


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_Accumulated





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