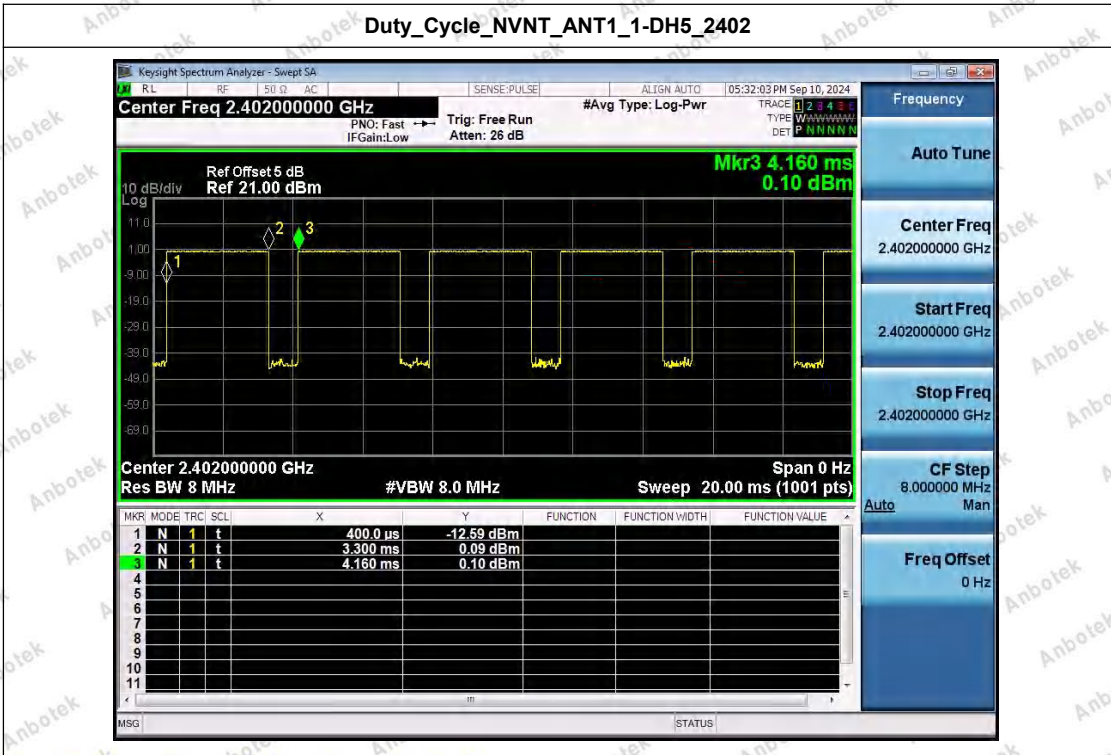


Appendix Test Data

Report No.:	1819C40036212501	Test Sample No.:	1-2-2
Start Test Date:	2024.9.10	Finish Test Date:	2024.9.10
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.4℃	Relative Humidity:	54%
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	78.07	1.07
NVNT	ANT1	1-DH5	2480.00	78.07	1.07
NVNT	ANT1	2-DH5	2402.00	78.07	1.07
NVNT	ANT1	2-DH5	2441.00	78.07	1.07
NVNT	ANT1	2-DH5	2480.00	78.07	1.07
NVNT	ANT1	3-DH5	2402.00	78.07	1.07
NVNT	ANT1	3-DH5	2441.00	77.54	1.10
NVNT	ANT1	3-DH5	2480.00	78.07	1.07



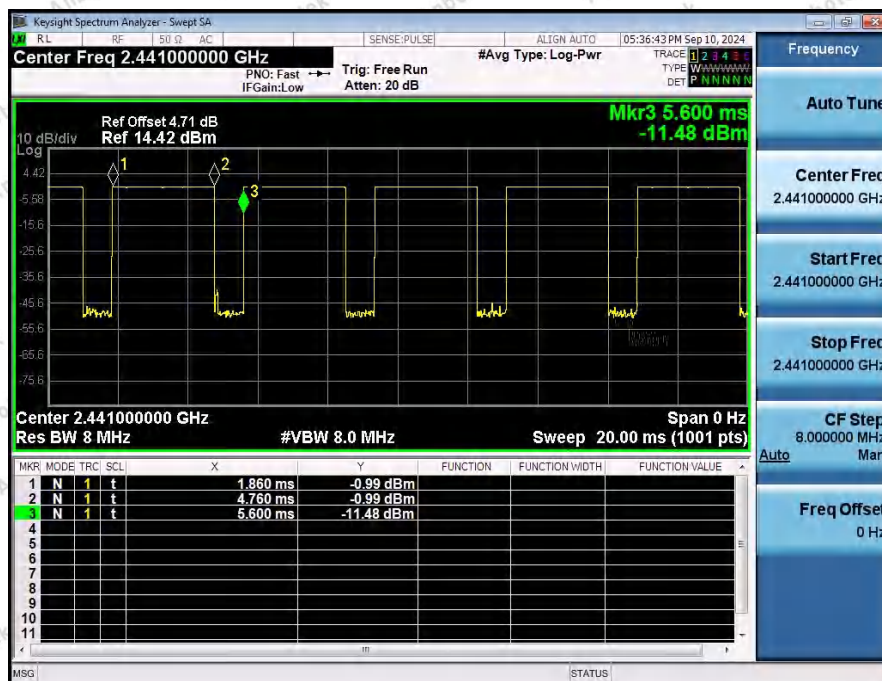
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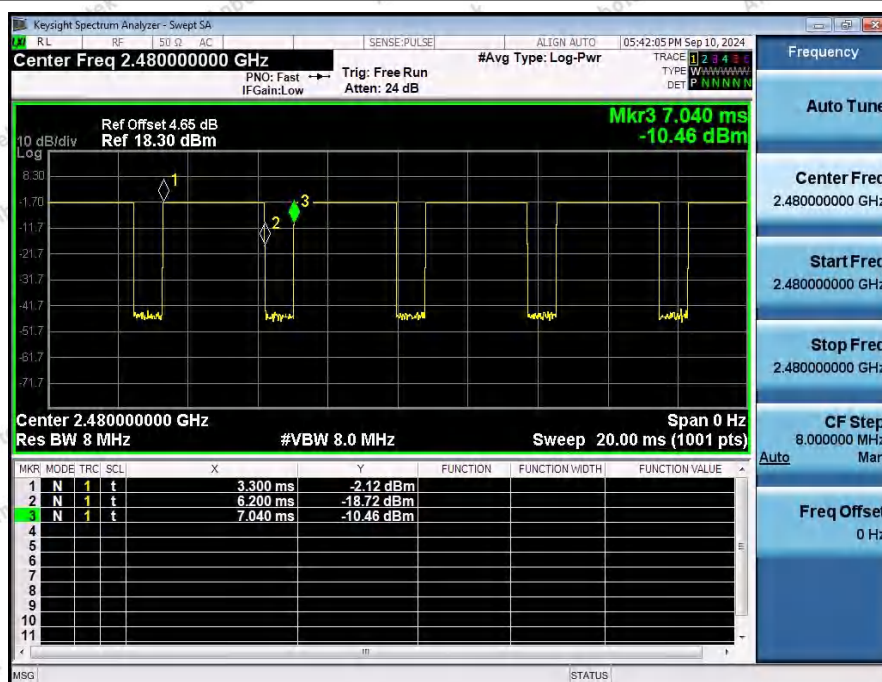
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Duty_Cycle_NVNT_ANT1_1-DH5_2441



Duty_Cycle_NVNT_ANT1_1-DH5_2480



Duty_Cycle_NVNT_ANT1_2-DH5_2402

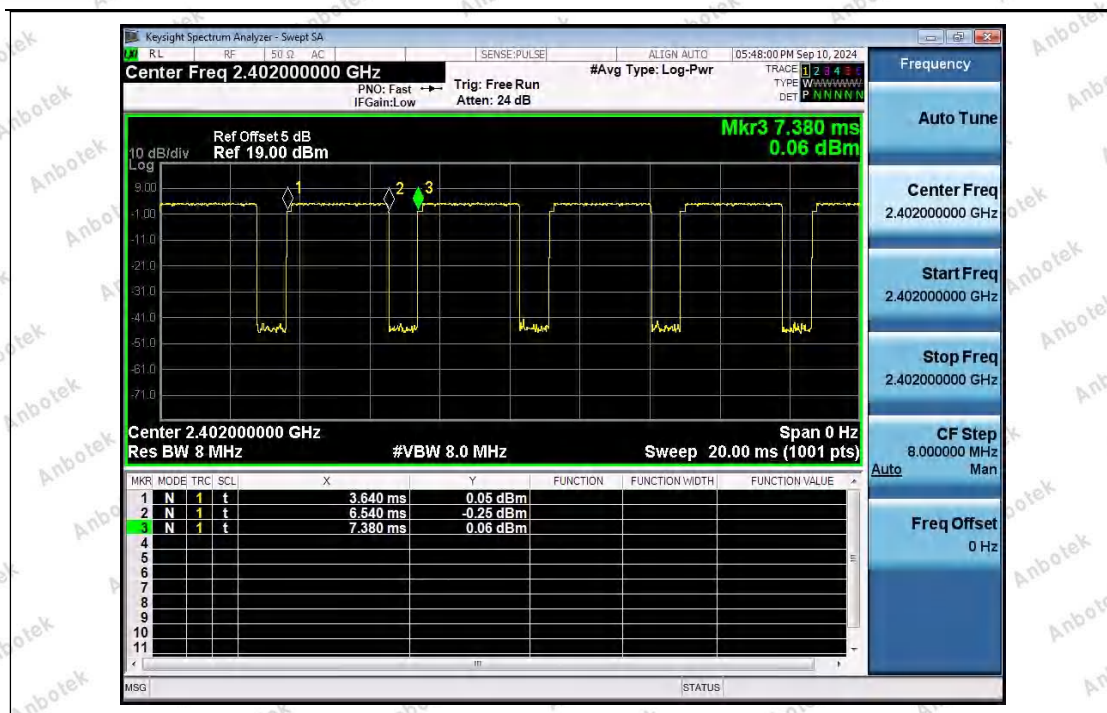
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Tel: (86) 0755-26066440 Email: service@anbotek.com

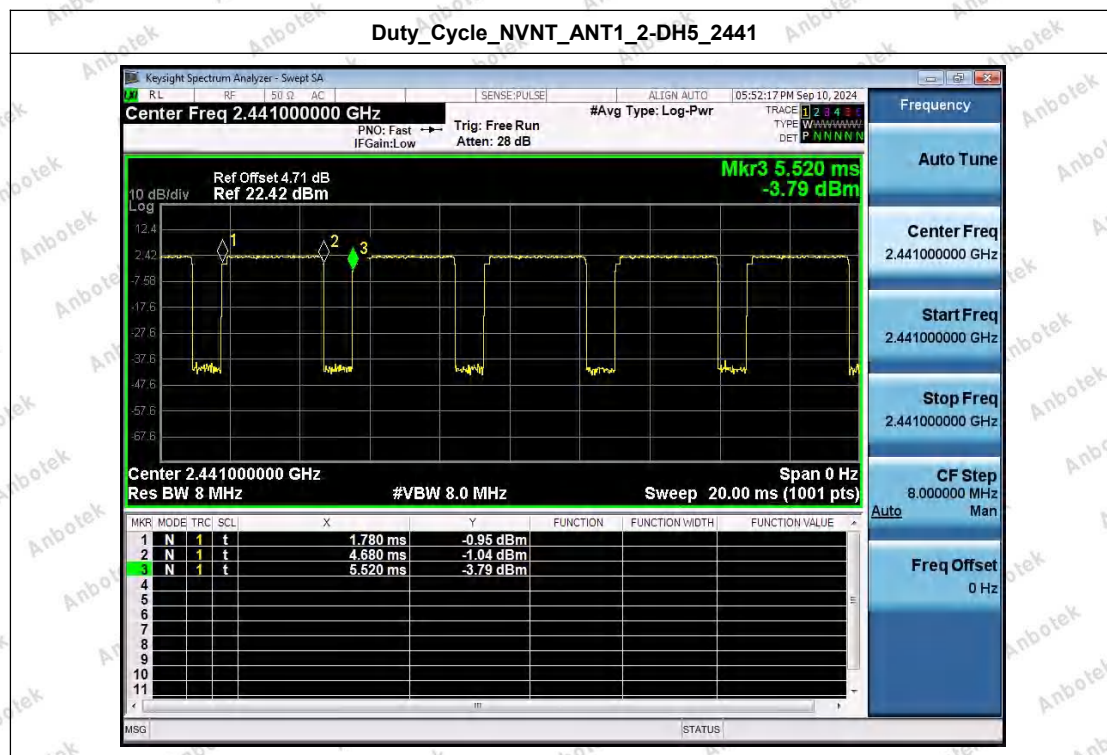


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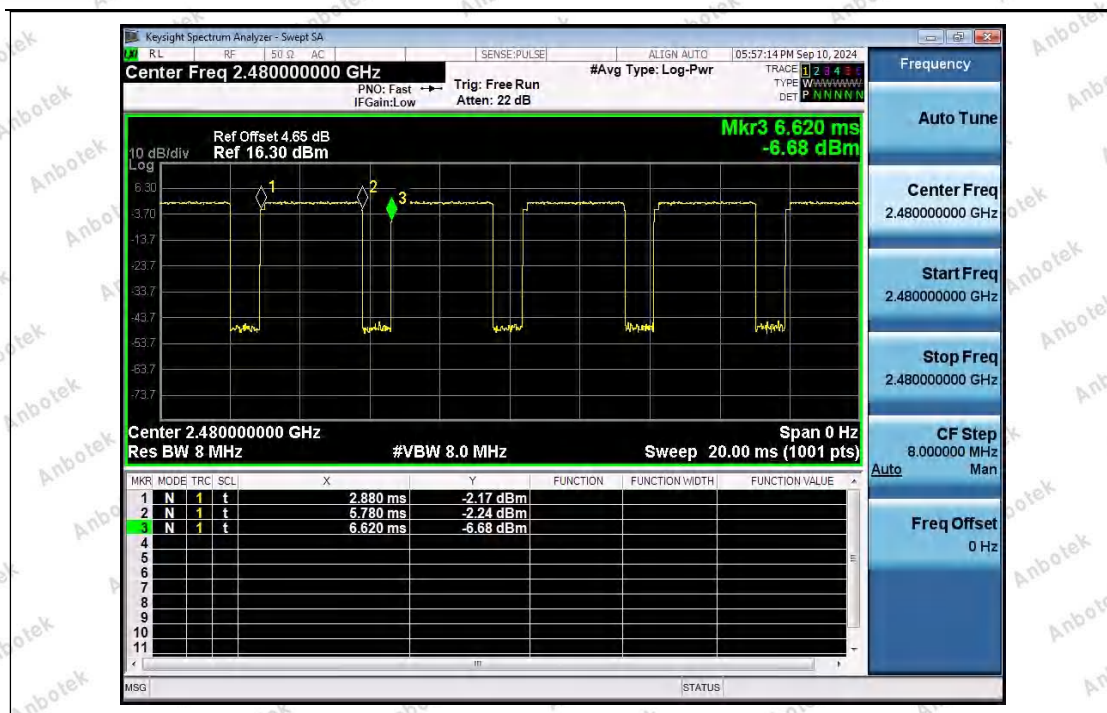


Duty_Cycle_NVNT_ANT1_2-DH5_2441

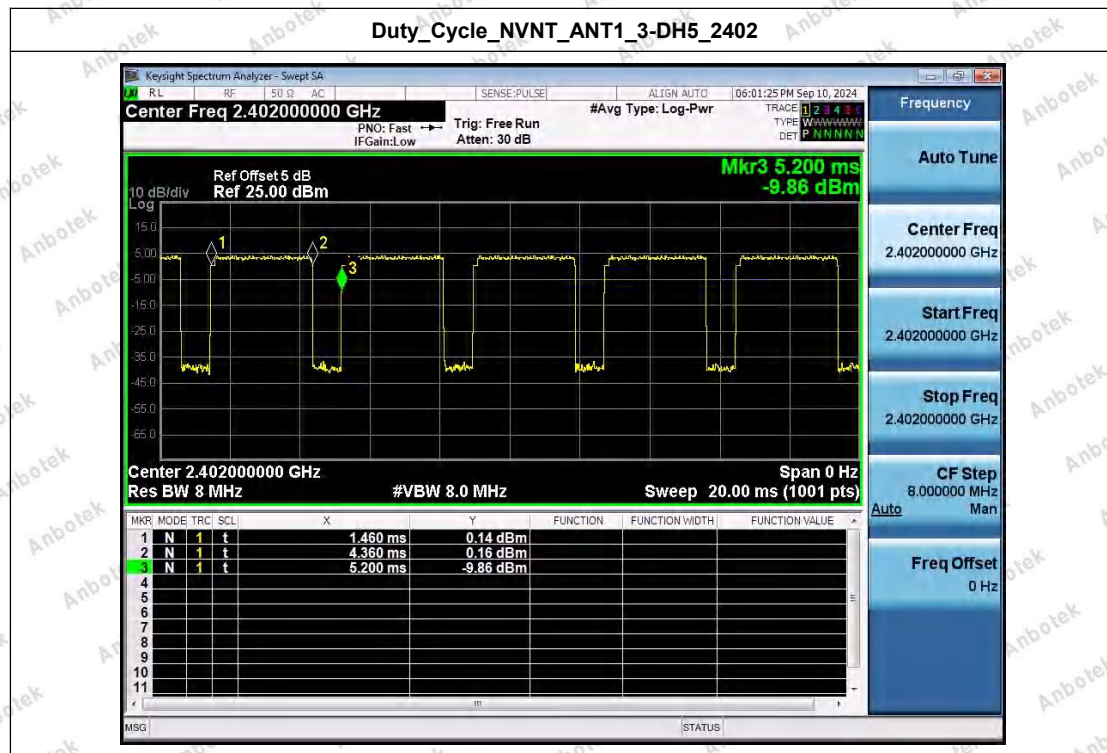


Duty_Cycle_NVNT_ANT1_2-DH5_2480



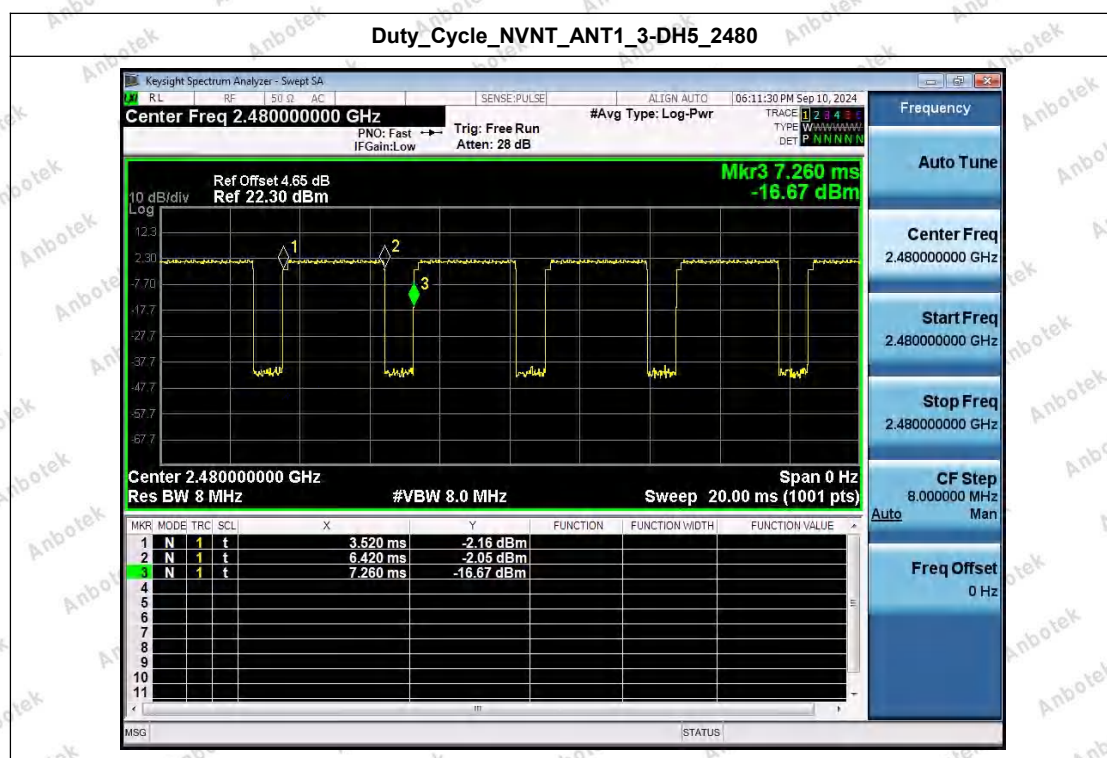
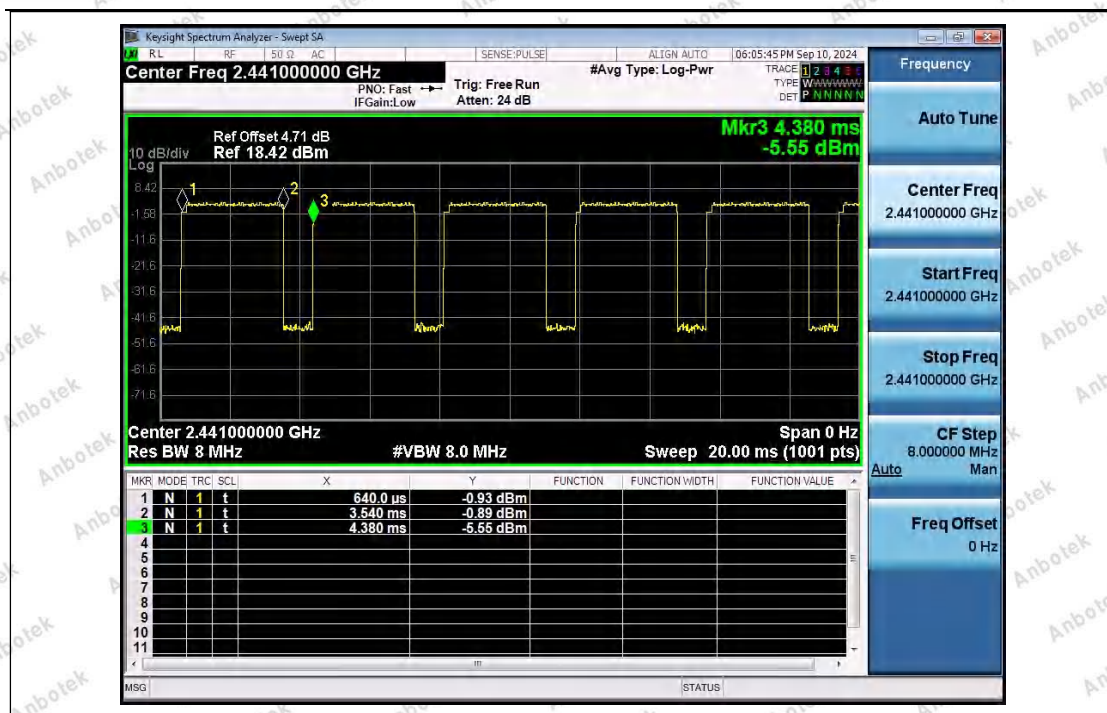


Duty_Cycle_NVNT_ANT1_3-DH5_2402



Duty_Cycle_NVNT_ANT1_3-DH5_2441

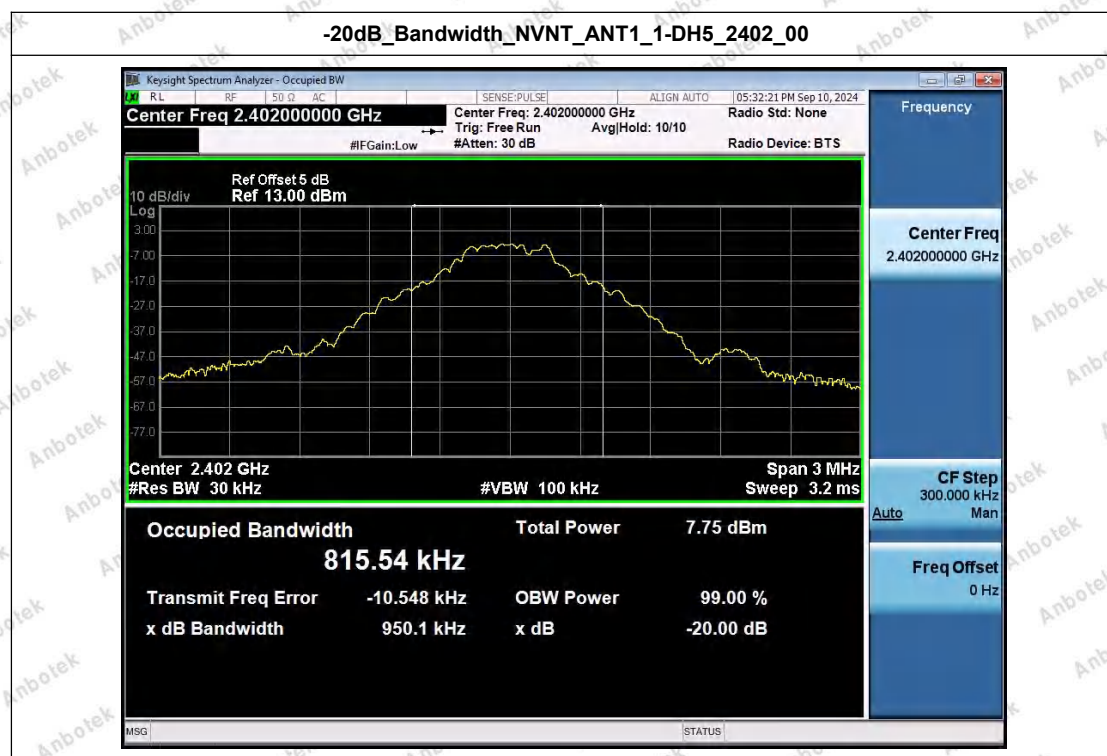




Appendix B: -20dB Bandwidth

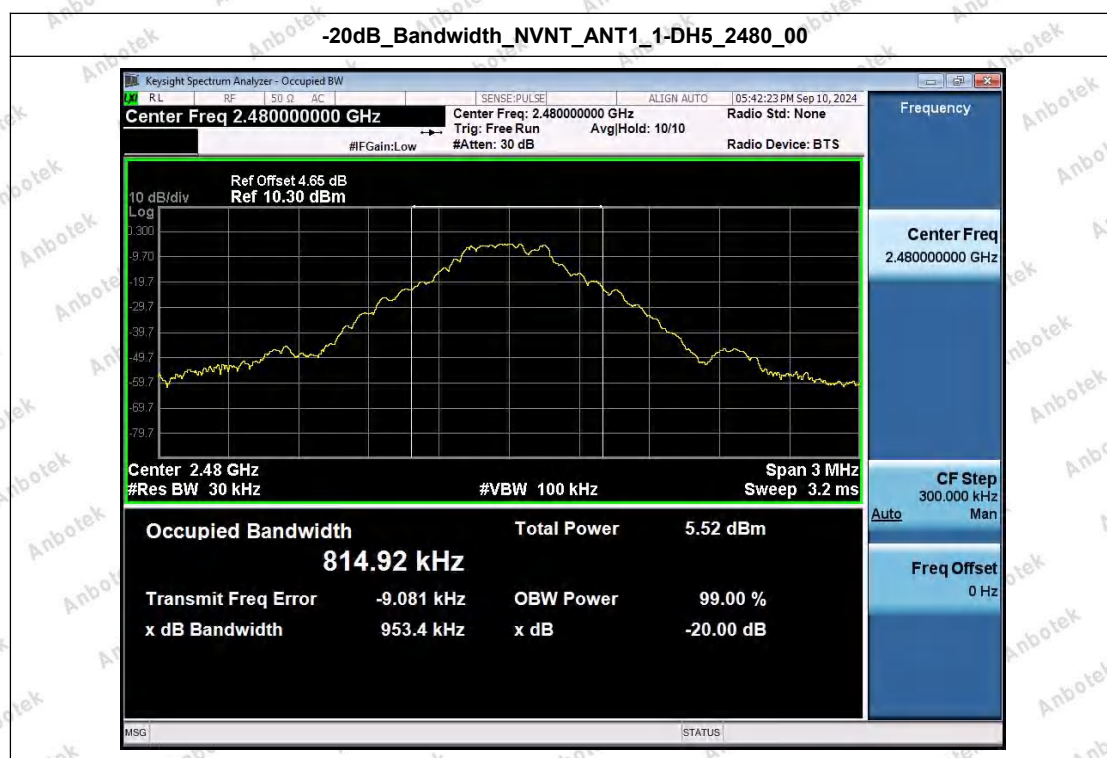
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	0.950	No
NVNT	ANT1	1-DH5	2441.00	0.951	No
NVNT	ANT1	1-DH5	2480.00	0.953	No
NVNT	ANT1	2-DH5	2402.00	1.318	Yes
NVNT	ANT1	2-DH5	2441.00	1.321	Yes
NVNT	ANT1	2-DH5	2480.00	1.319	Yes
NVNT	ANT1	3-DH5	2402.00	1.290	Yes
NVNT	ANT1	3-DH5	2441.00	1.289	Yes
NVNT	ANT1	3-DH5	2480.00	1.294	Yes
NVNT	ANT1	1-DH1	2441.00	0.931	No
NVNT	ANT1	1-DH3	2441.00	0.952	No
NVNT	ANT1	2-DH1	2441.00	1.271	Yes
NVNT	ANT1	2-DH3	2441.00	1.322	Yes
NVNT	ANT1	3-DH1	2441.00	1.219	Yes
NVNT	ANT1	3-DH3	2441.00	1.288	Yes

-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402_00



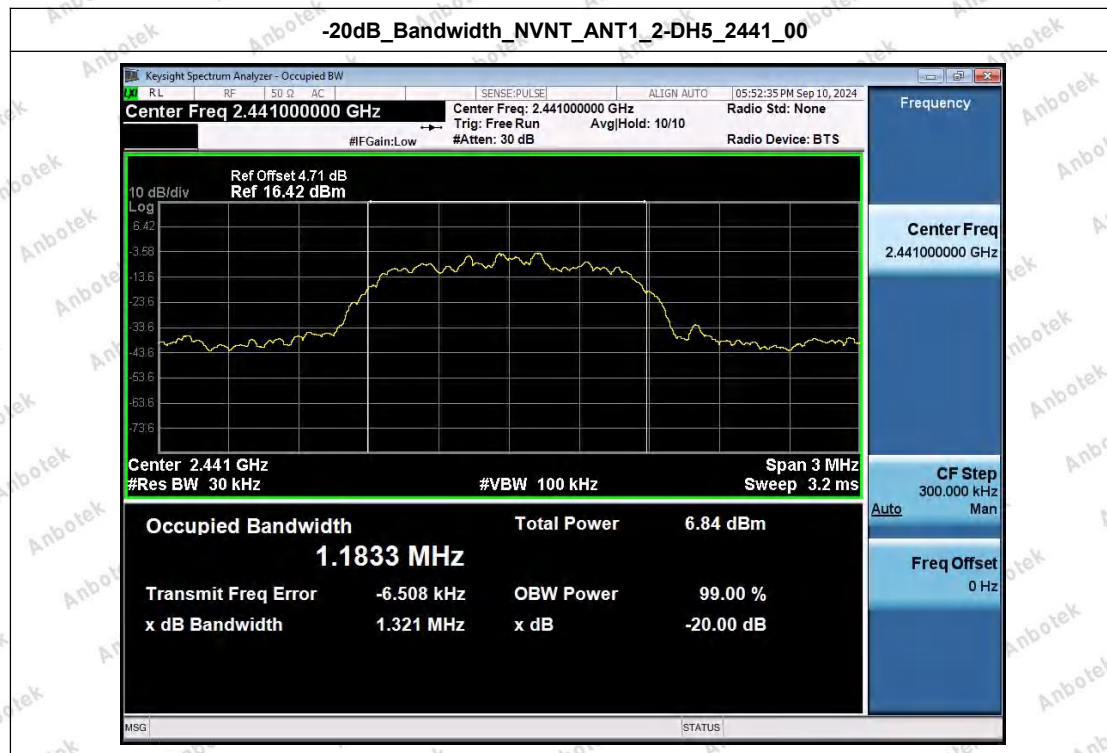
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441_00







-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00



-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00

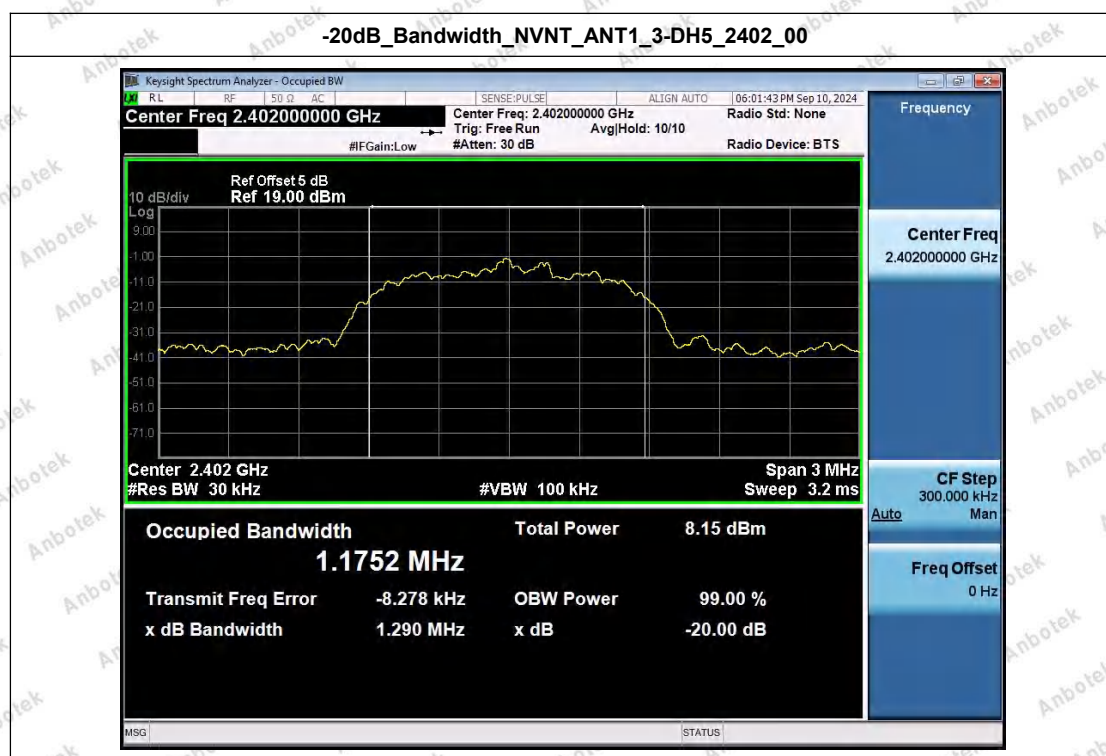
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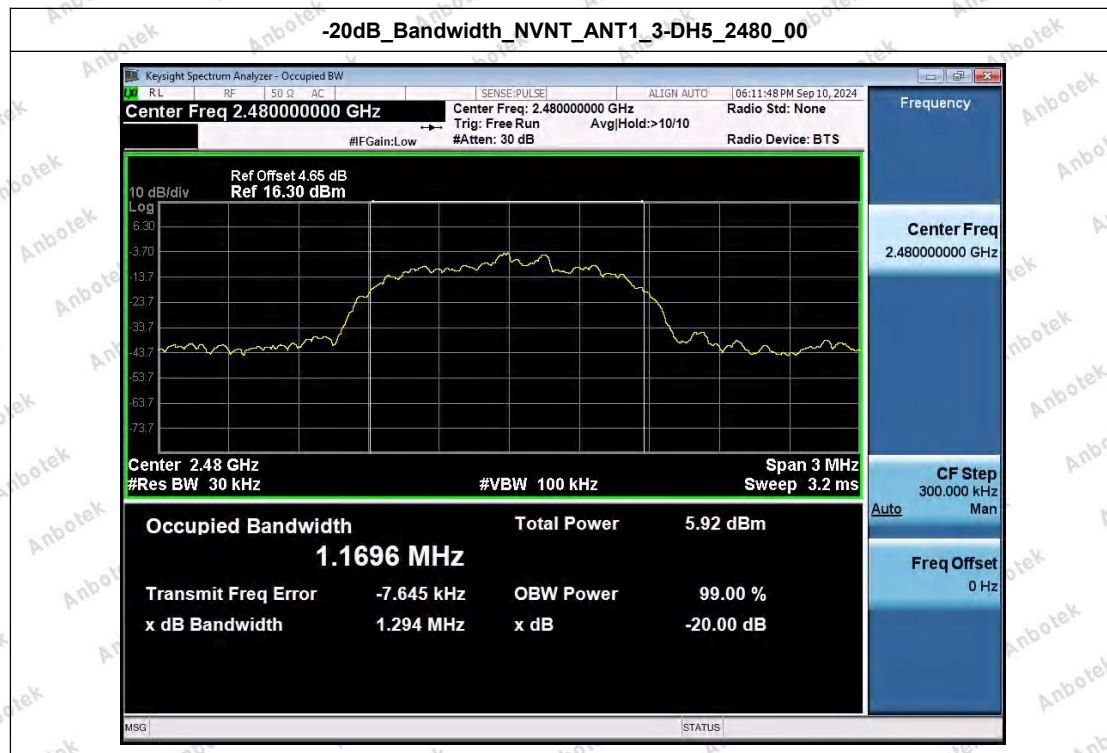
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-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480_00

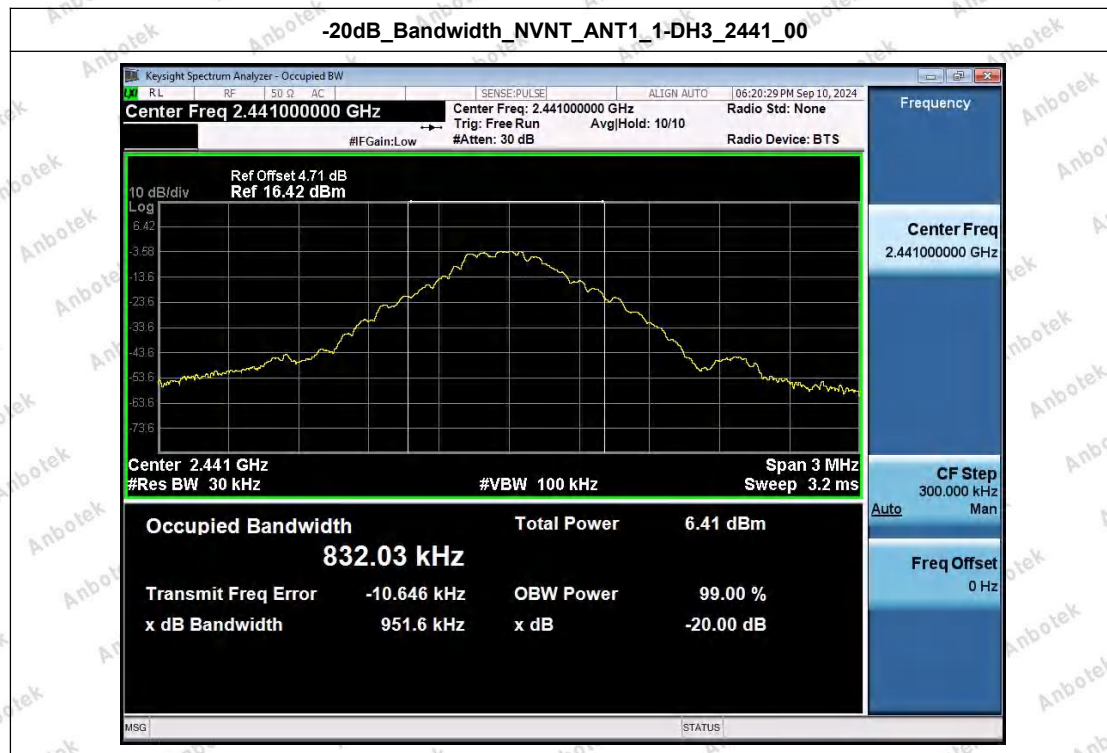


-20dB_Bandwidth_NVNT_ANT1_1-DH1_2441_00





-20dB_Bandwidth_NVNT_ANT1_1-DH3_2441_00



-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00

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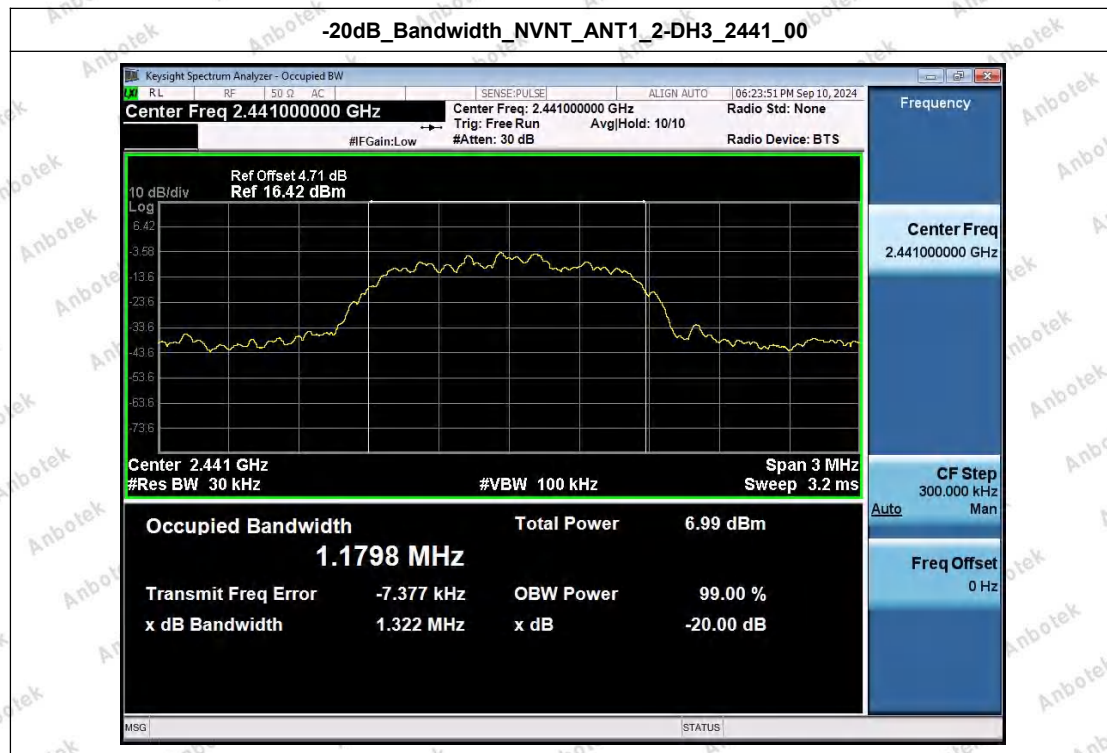


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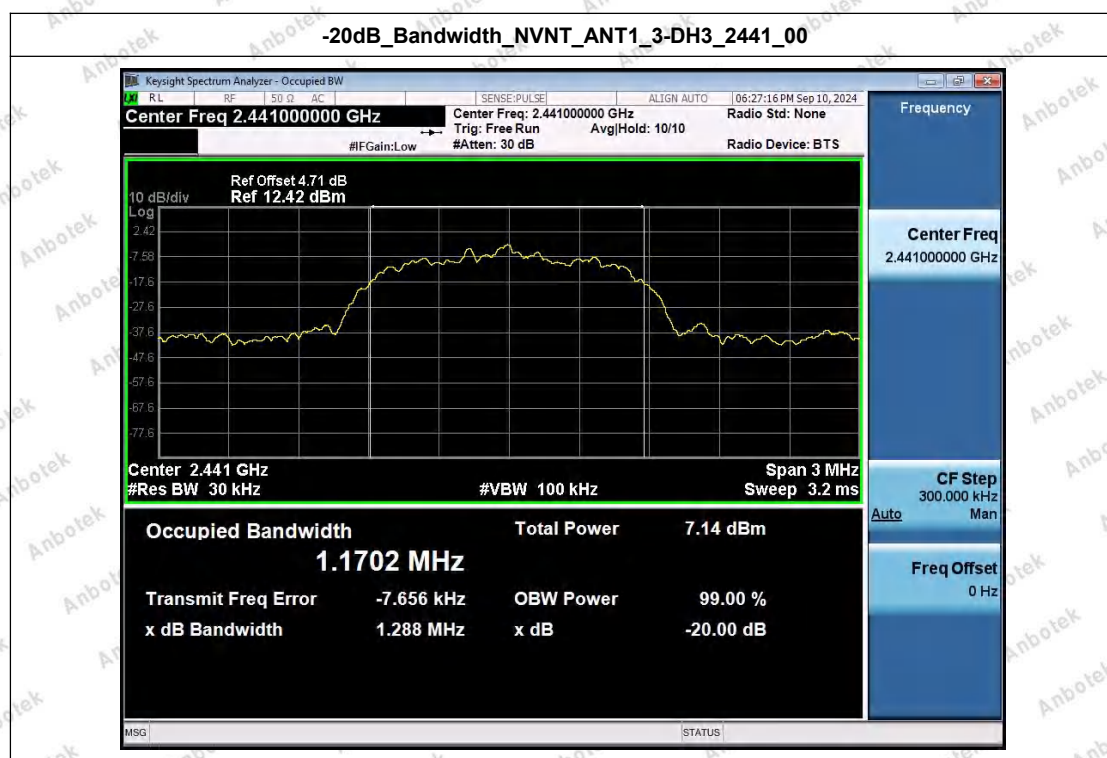


-20dB_Bandwidth_NVNT_ANT1_2-DH3_2441_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00





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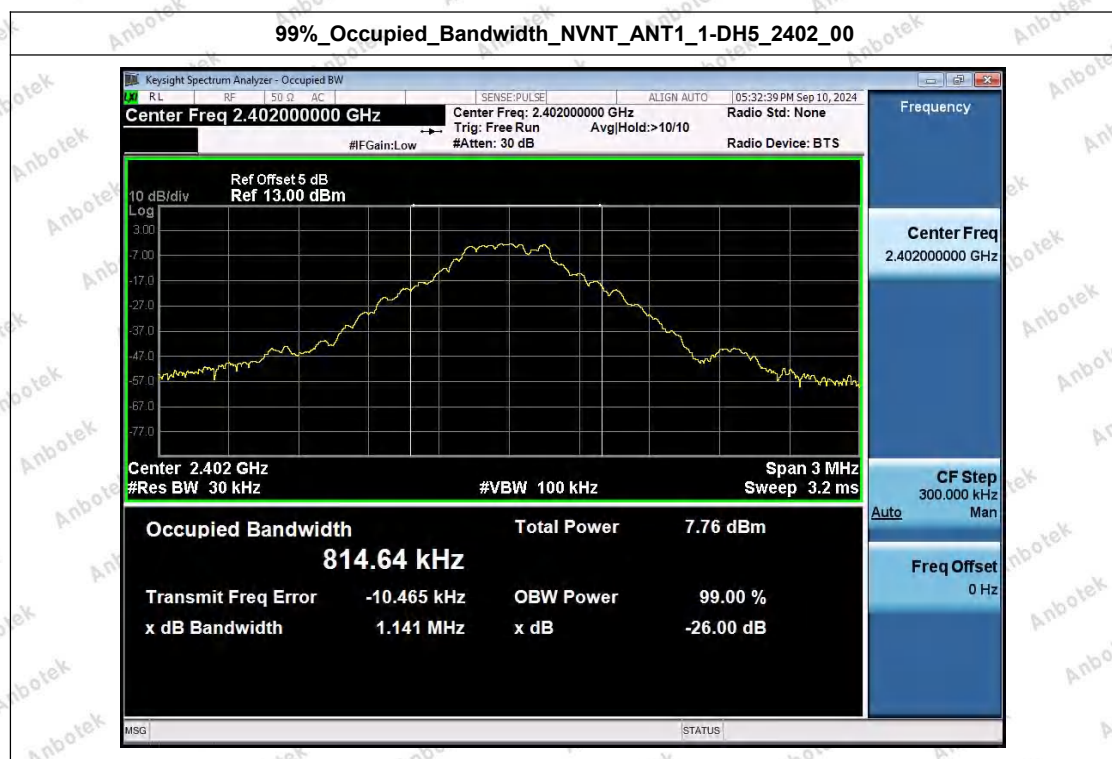
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Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.815
NVNT	ANT1	1-DH5	2441.00	0.817
NVNT	ANT1	1-DH5	2480.00	0.816
NVNT	ANT1	2-DH5	2402.00	1.185
NVNT	ANT1	2-DH5	2441.00	1.178
NVNT	ANT1	2-DH5	2480.00	1.182
NVNT	ANT1	3-DH5	2402.00	1.176
NVNT	ANT1	3-DH5	2441.00	1.172
NVNT	ANT1	3-DH5	2480.00	1.170

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402_00

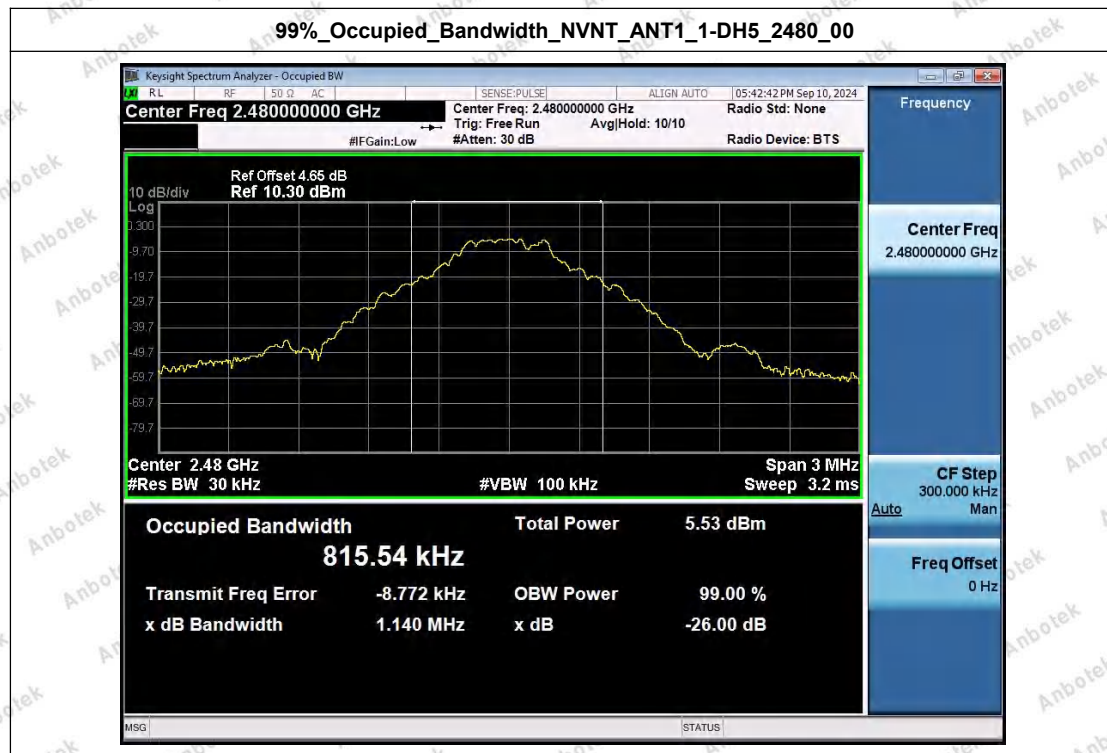


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00





99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00

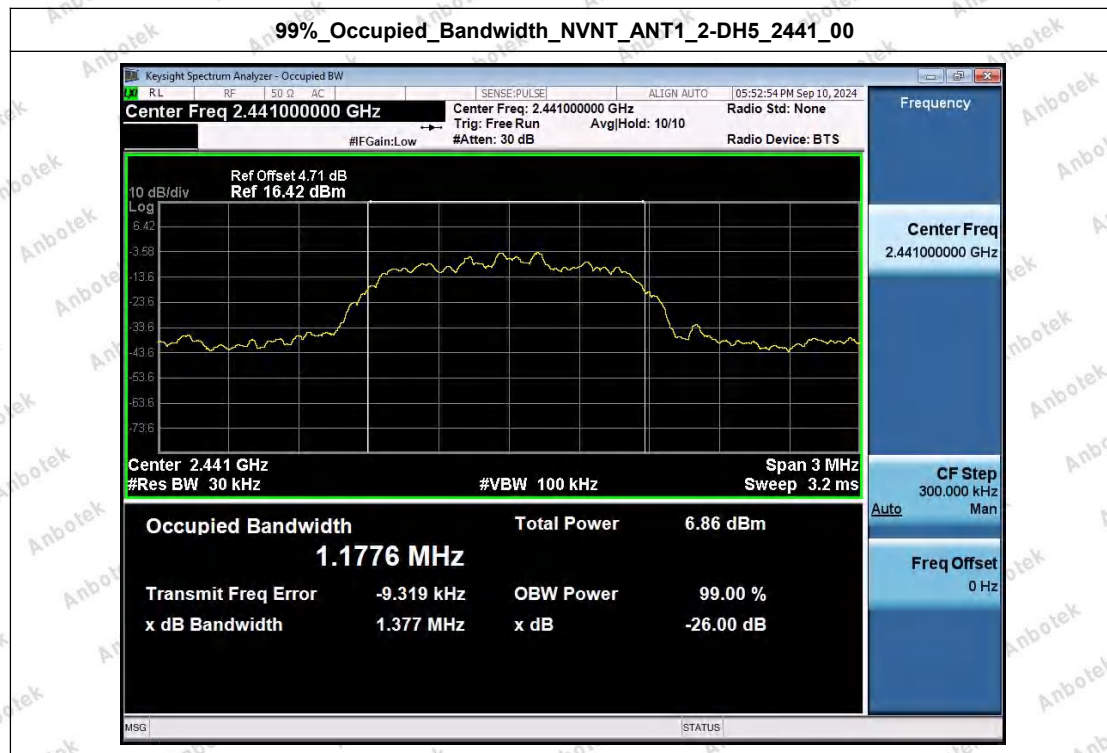


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00





99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00

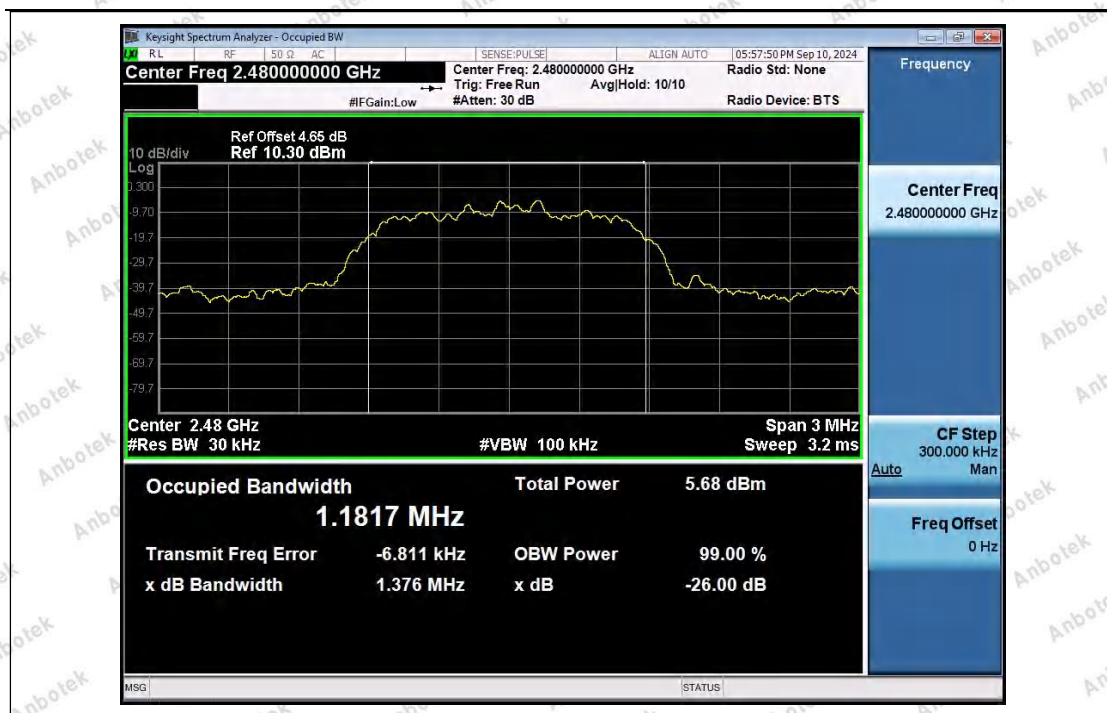
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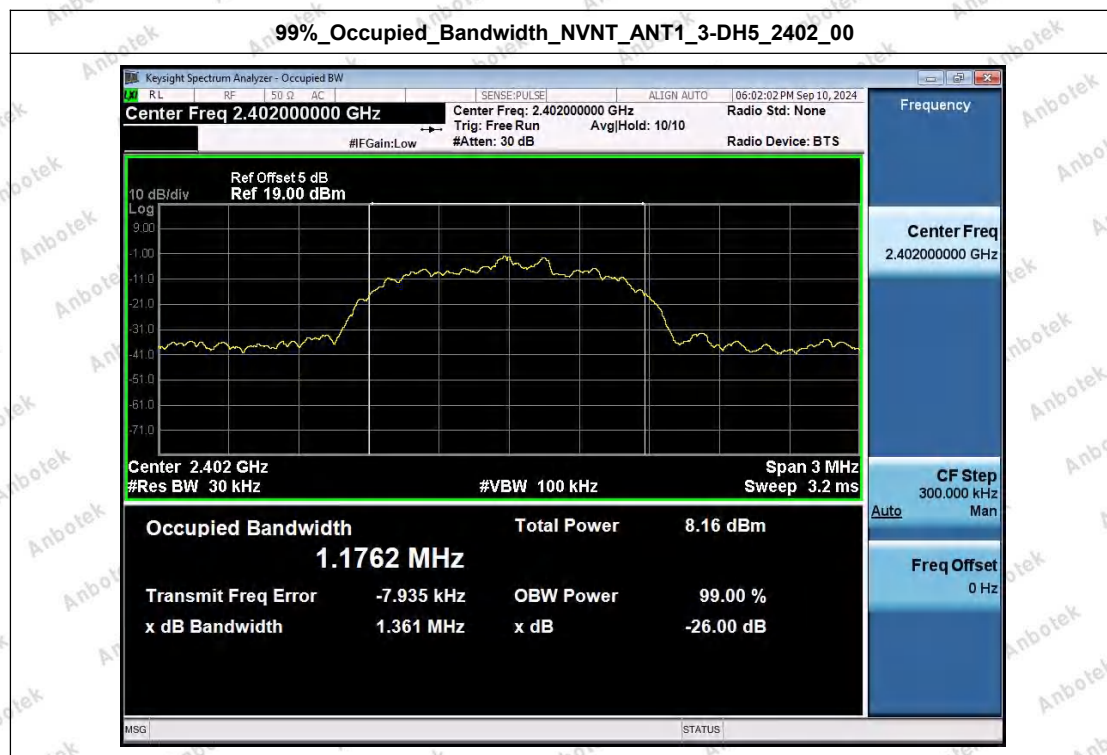


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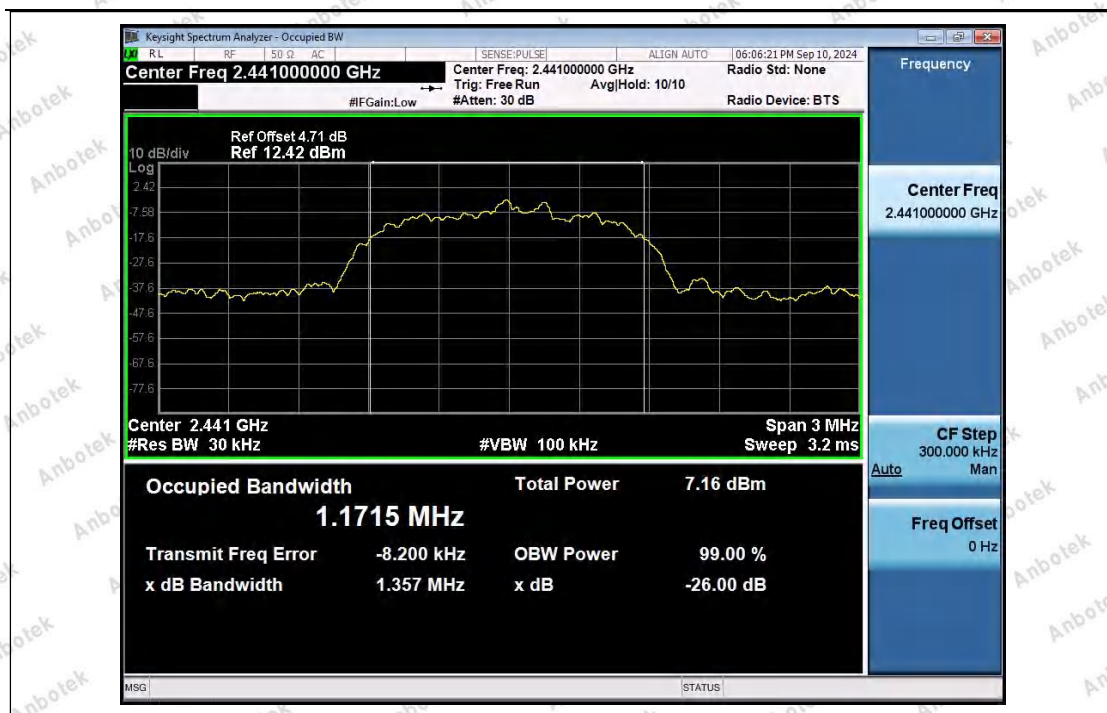


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402_00

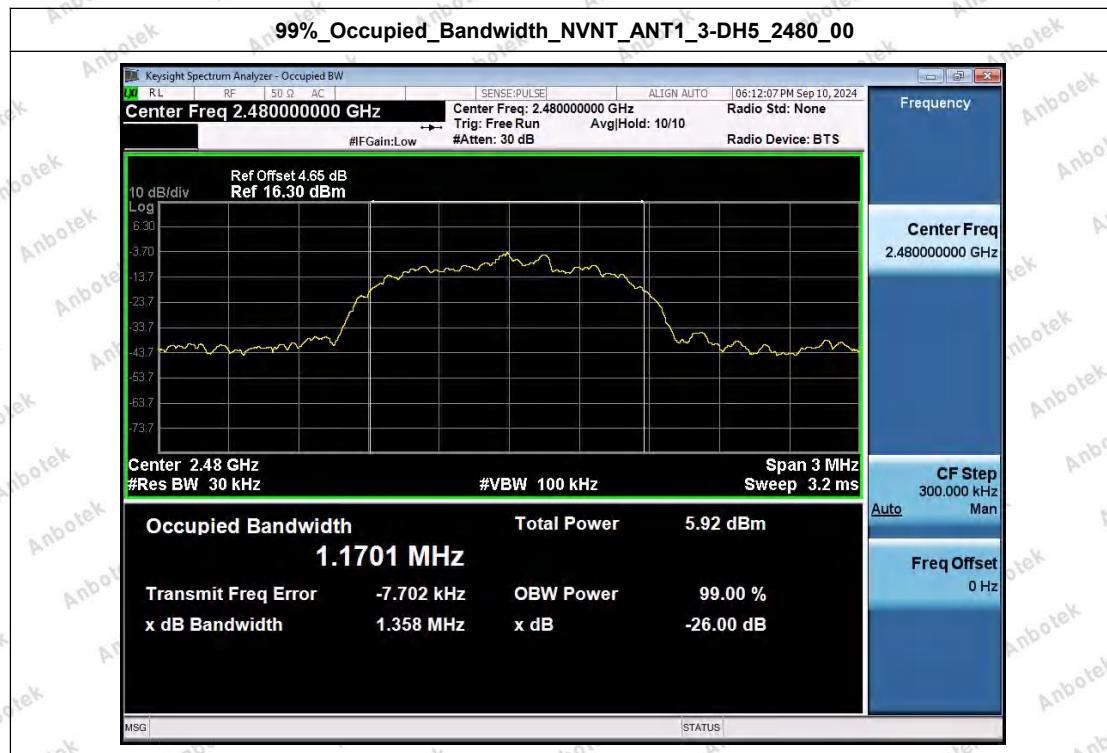


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441_00





99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480_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	0.16	1.04	1000	Pass
NVNT	ANT1	1-DH5	2441.00	-0.98	0.80	1000	Pass
NVNT	ANT1	1-DH5	2480.00	-2.10	0.62	1000	Pass
NVNT	ANT1	2-DH5	2402.00	3.19	2.08	125	Pass
NVNT	ANT1	2-DH5	2441.00	2.16	1.64	125	Pass
NVNT	ANT1	2-DH5	2480.00	0.96	1.25	125	Pass
NVNT	ANT1	3-DH5	2402.00	3.86	2.43	125	Pass
NVNT	ANT1	3-DH5	2441.00	2.81	1.91	125	Pass
NVNT	ANT1	3-DH5	2480.00	1.64	1.46	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH5_2402_00

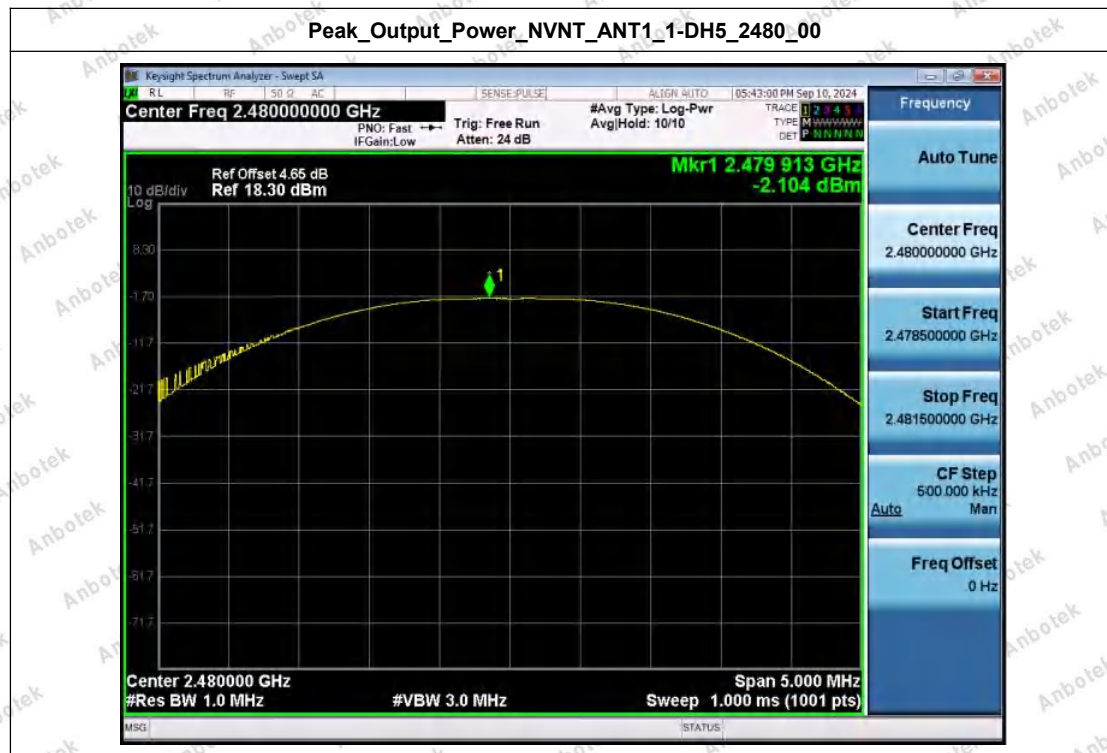


Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00





Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00



Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00





Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00

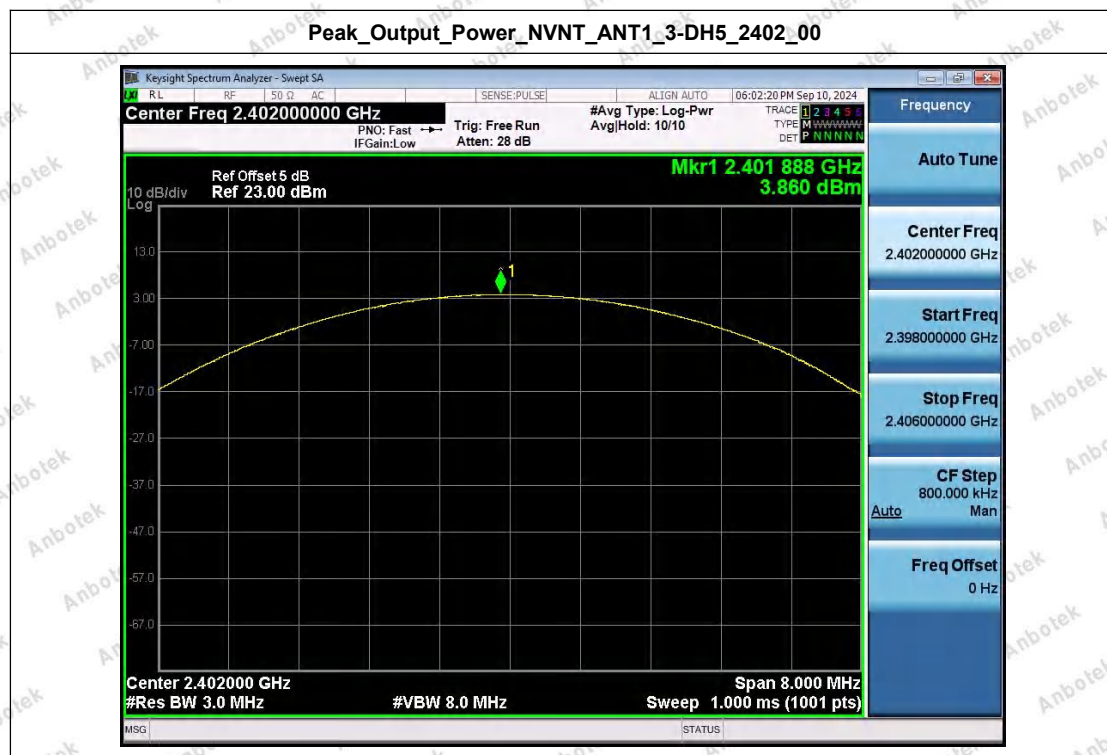


Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00



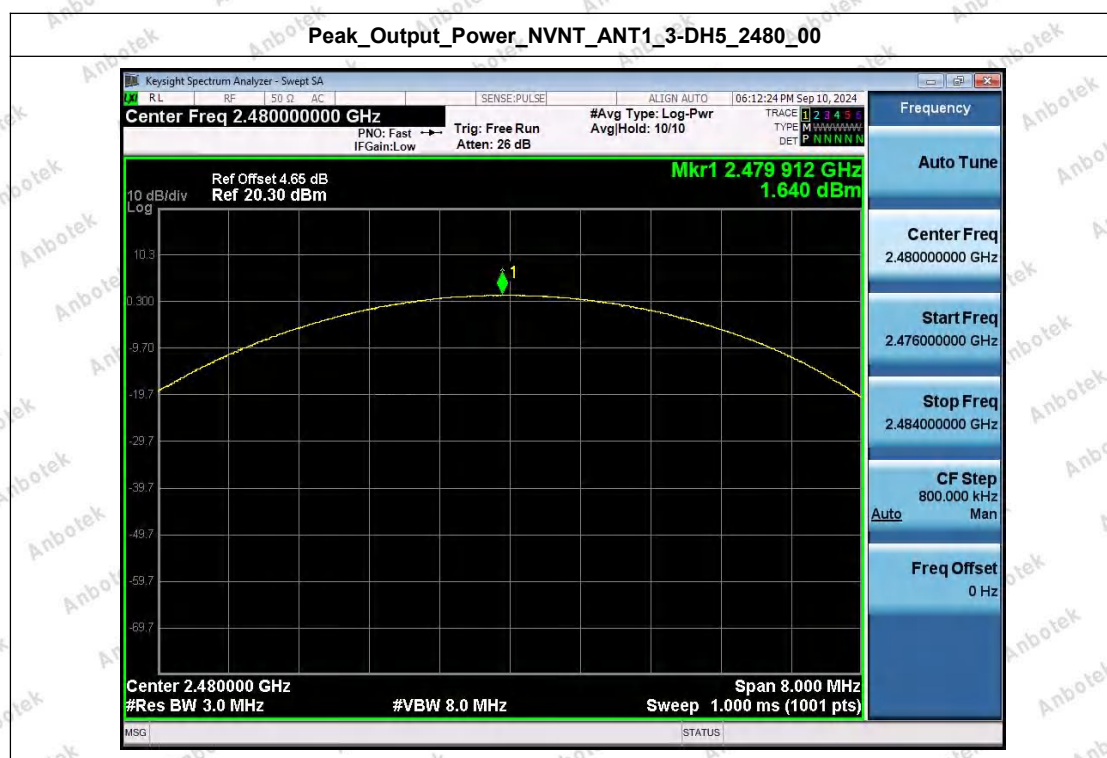


Peak_Output_Power_NVNT_ANT1_3-DH5_2402_00



Peak_Output_Power_NVNT_ANT1_3-DH5_2441_00





Appendix E: Spurious Emissions

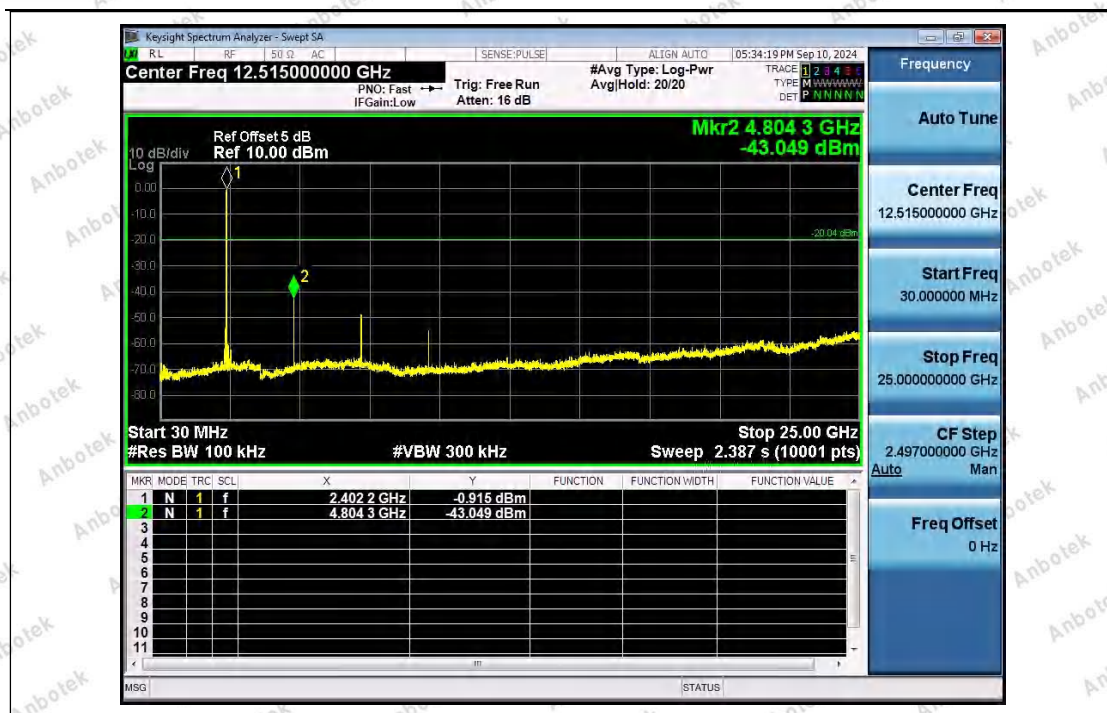
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-43.049	-20.035	Pass
NVNT	ANT1	1-DH5	2441.00	-45.418	-21.103	Pass
NVNT	ANT1	1-DH5	2480.00	-44.231	-22.221	Pass
NVNT	ANT1	2-DH5	2402.00	-41.995	-20.375	Pass
NVNT	ANT1	2-DH5	2441.00	-44.869	-21.336	Pass
NVNT	ANT1	2-DH5	2480.00	-45.898	-22.454	Pass
NVNT	ANT1	3-DH5	2402.00	-41.794	-20.050	Pass
NVNT	ANT1	3-DH5	2441.00	-43.725	-21.055	Pass
NVNT	ANT1	3-DH5	2480.00	-46.496	-22.259	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

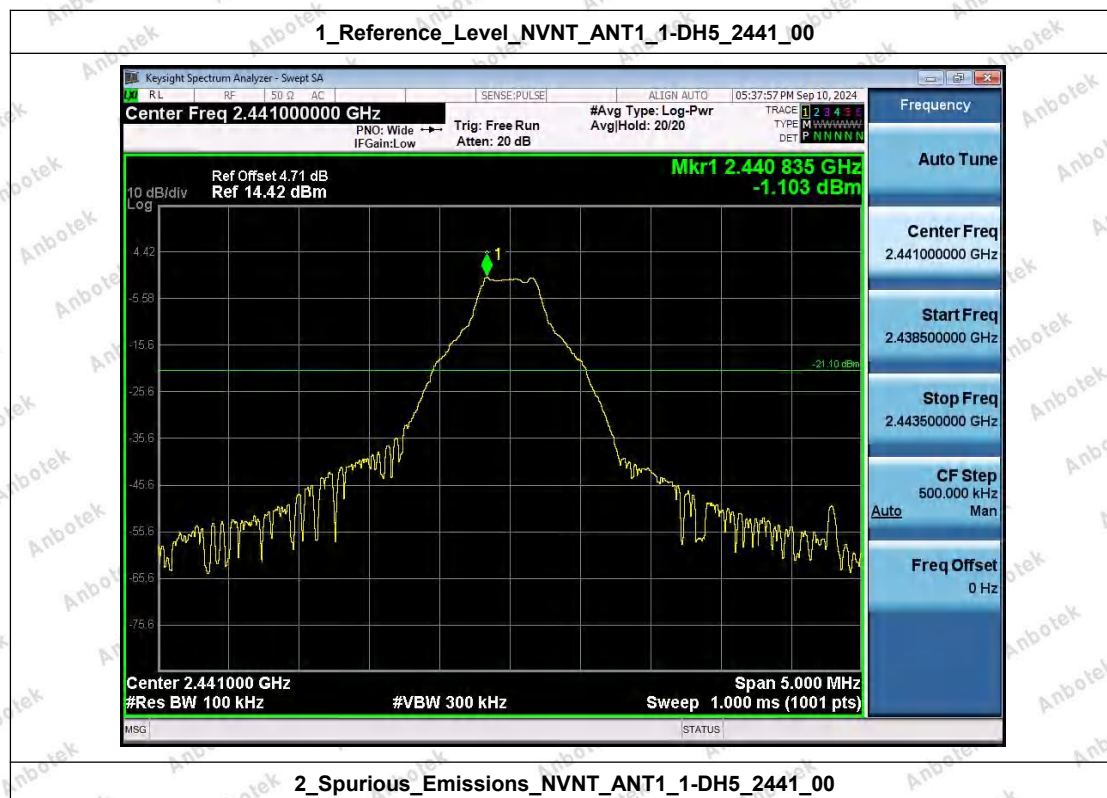


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



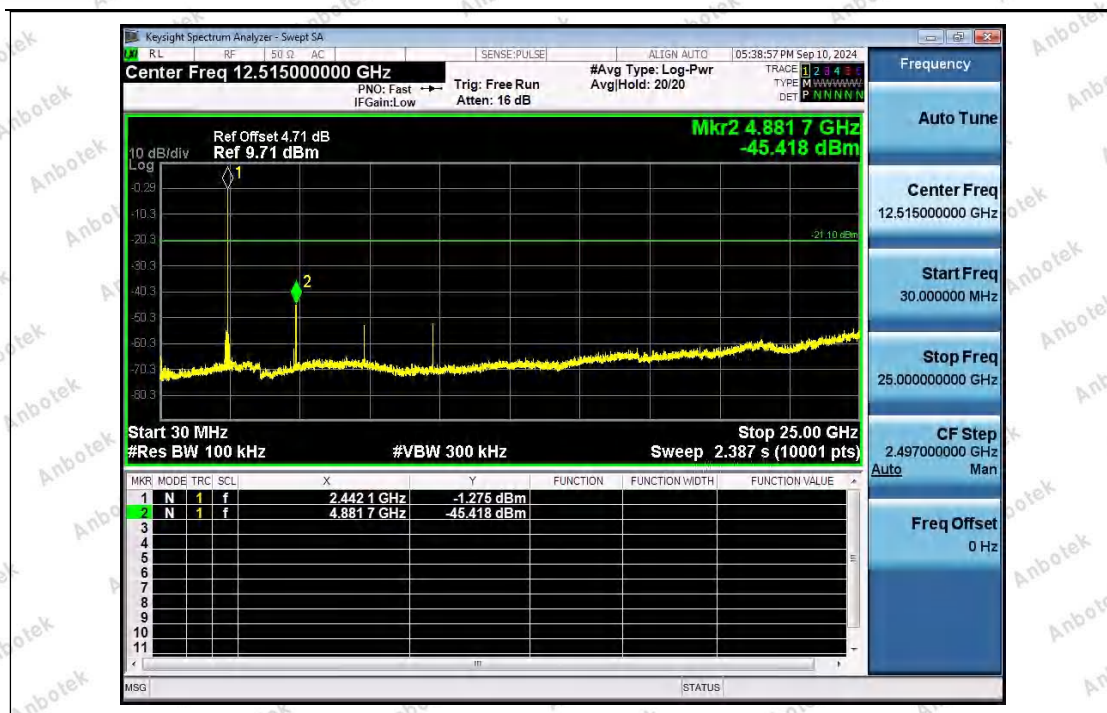


1_Reference_Level_NVNT_ANT1_1-DH5_2441_00

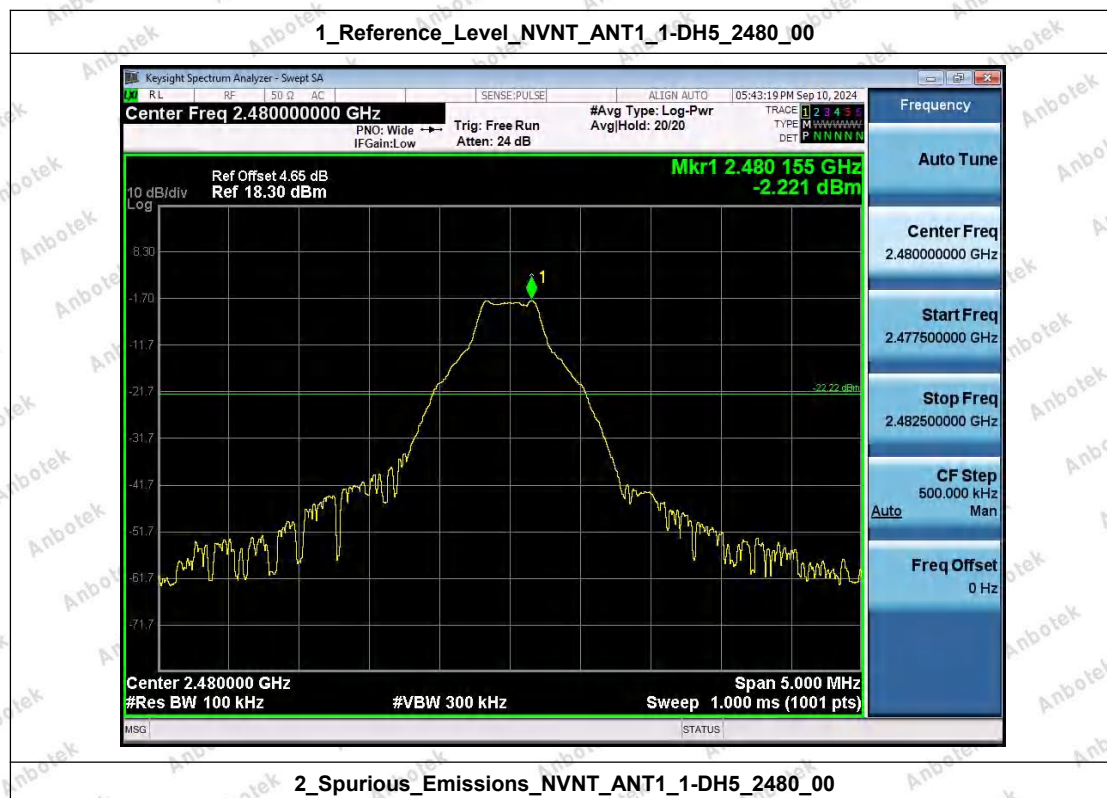


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



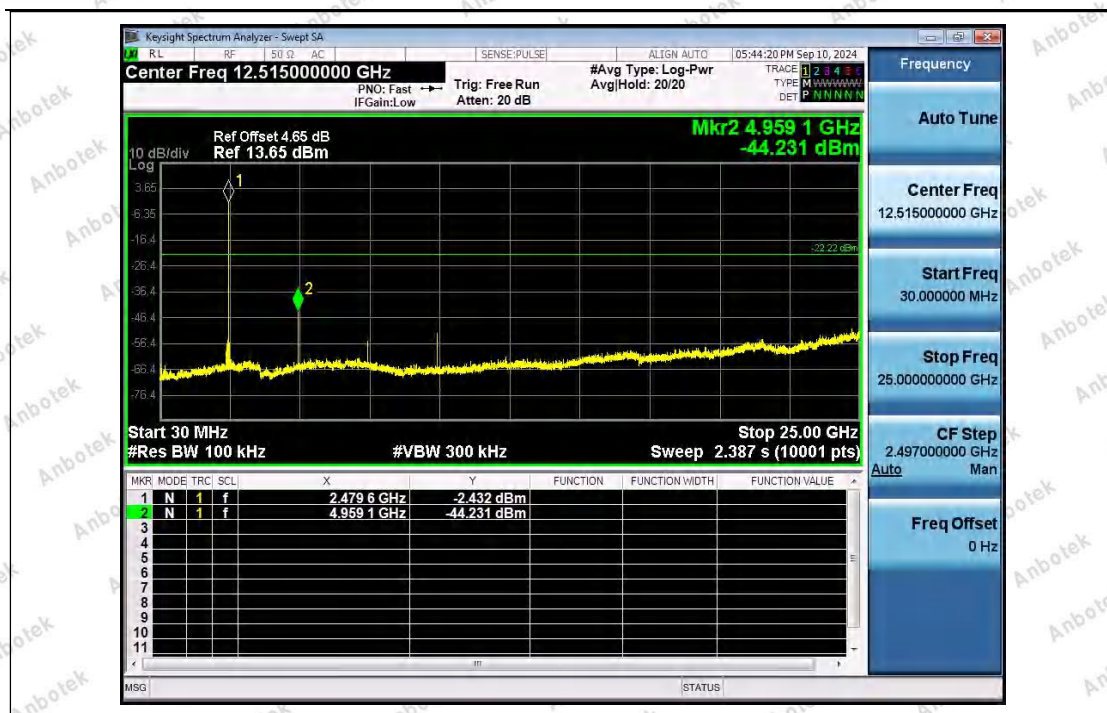


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

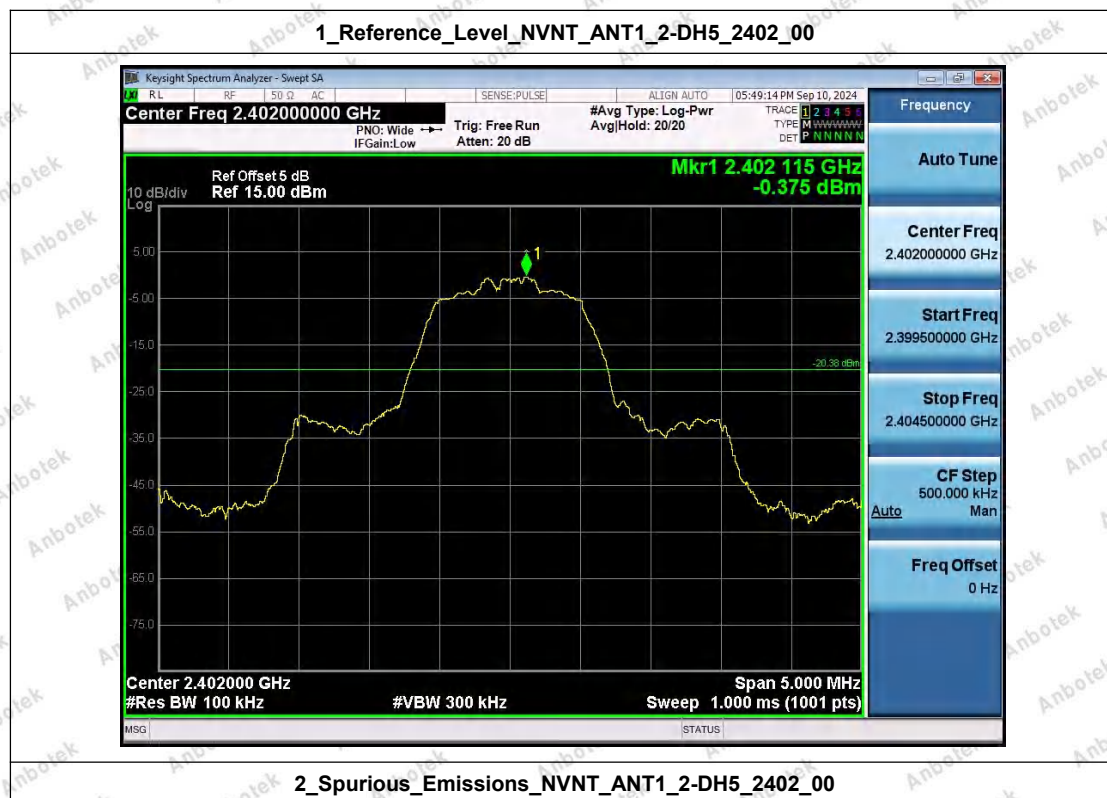


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00



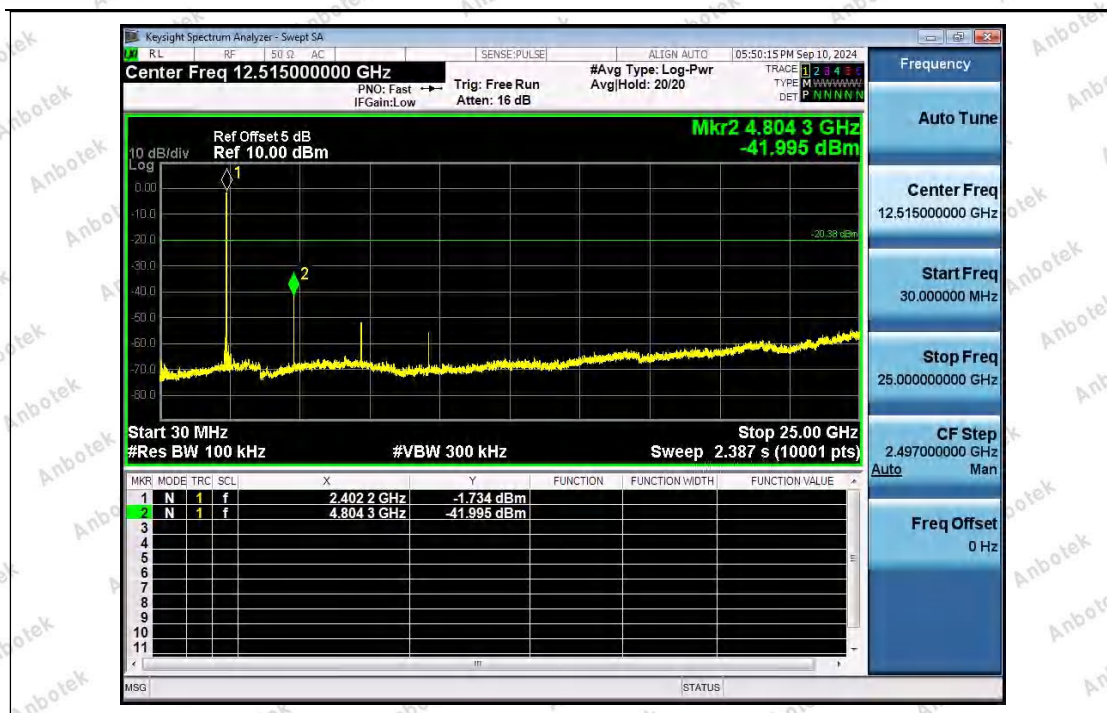


1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

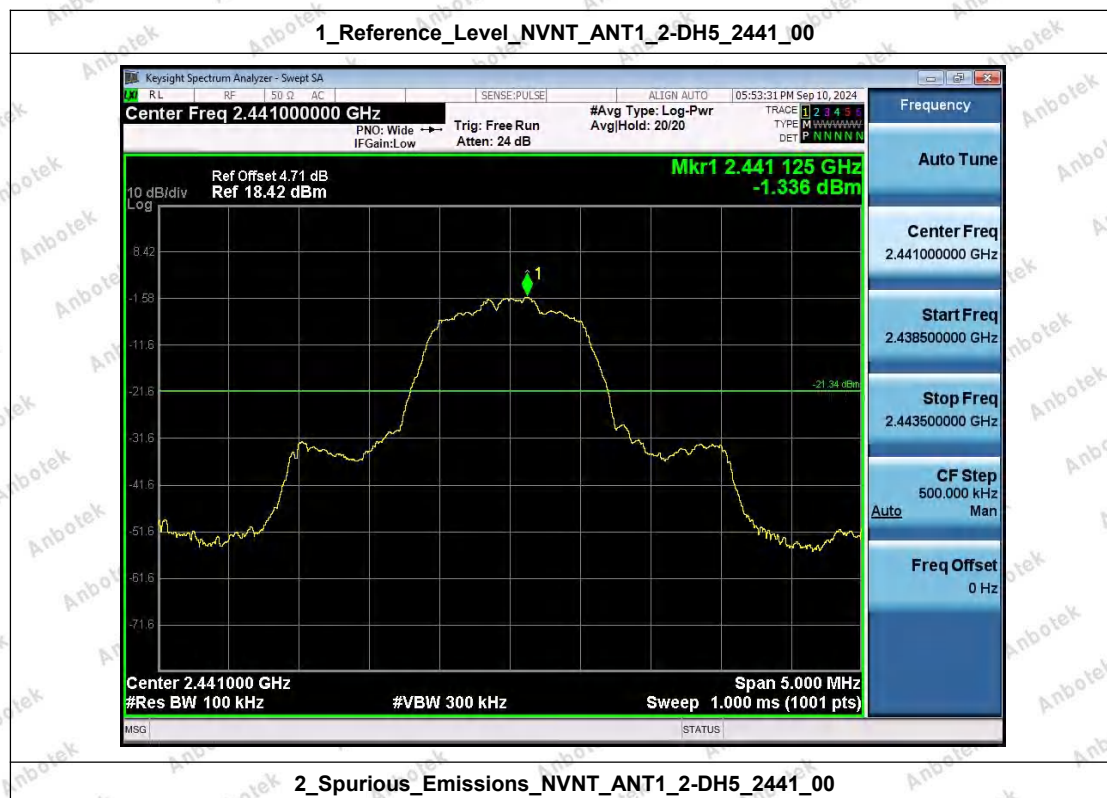


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



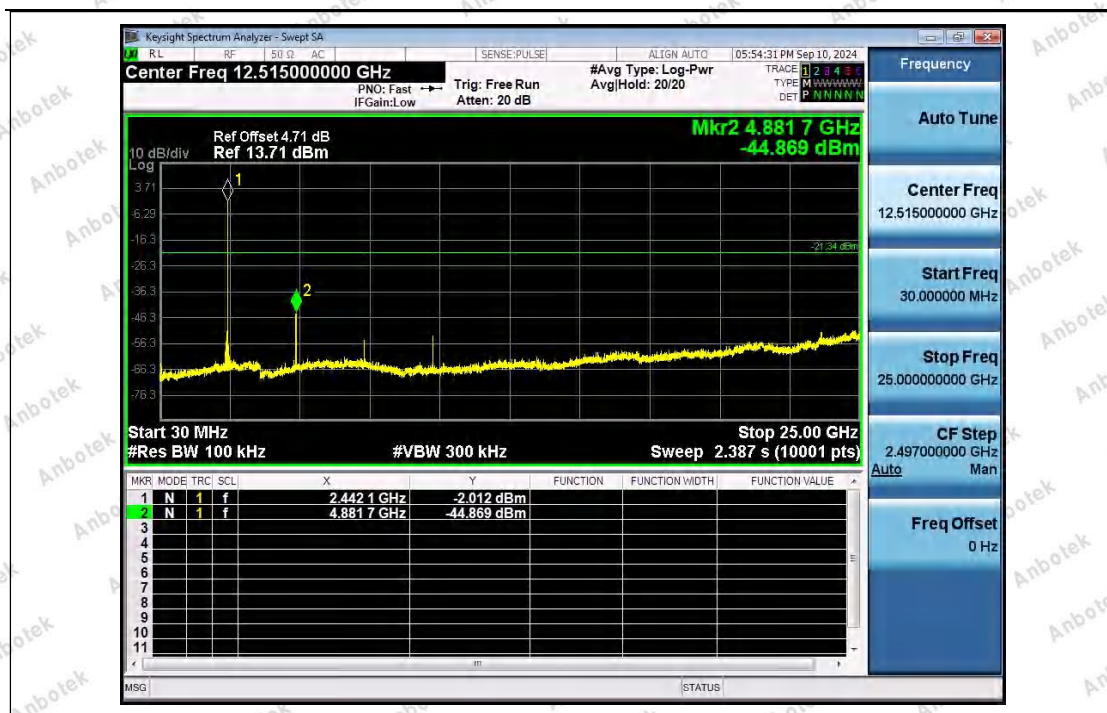


1_Reference_Level_NVNT_ANT1_2-DH5_2441_00

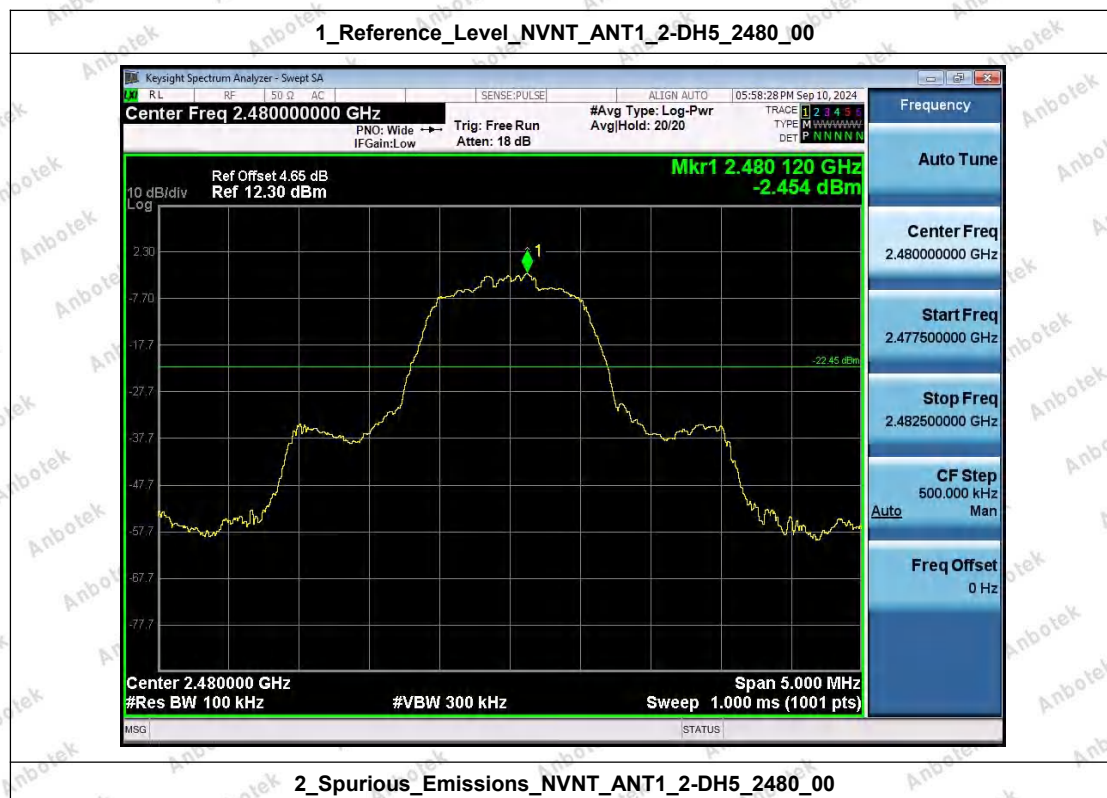


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



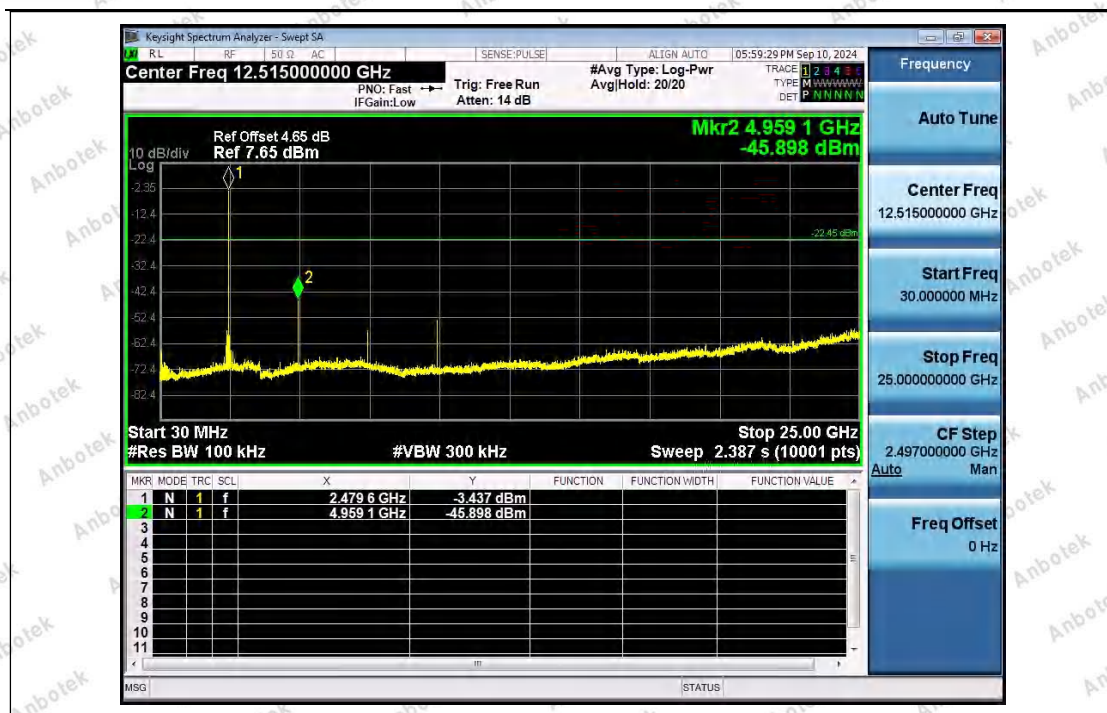


1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

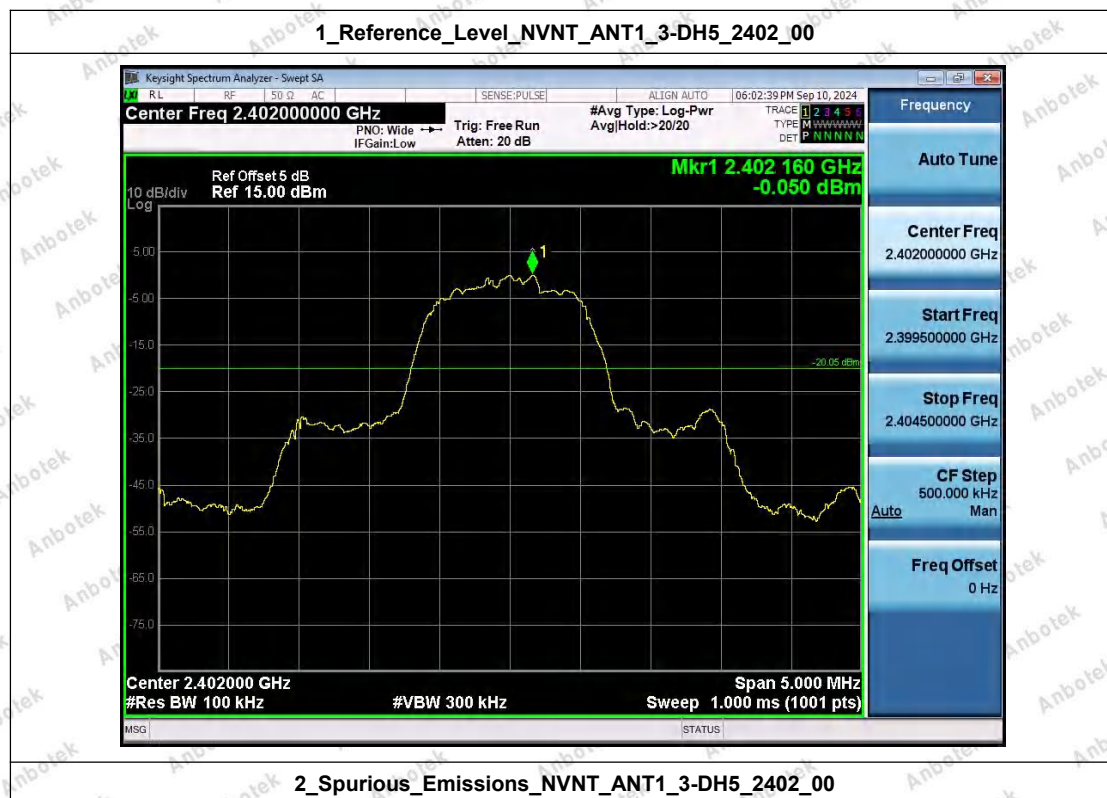


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00



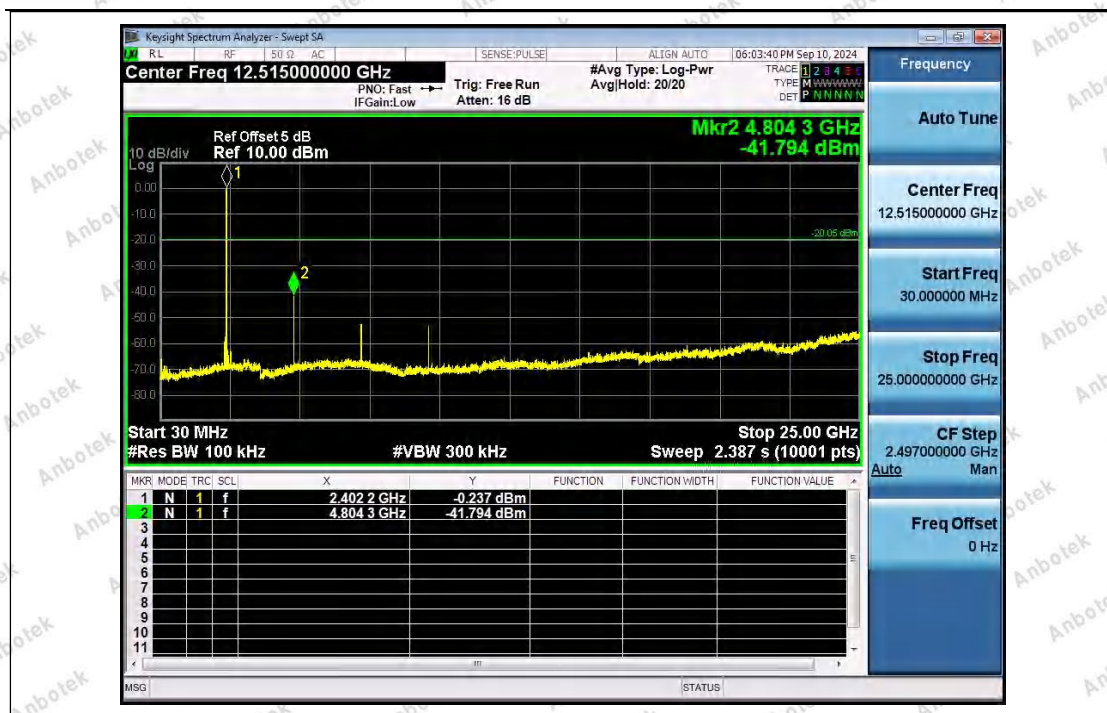


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

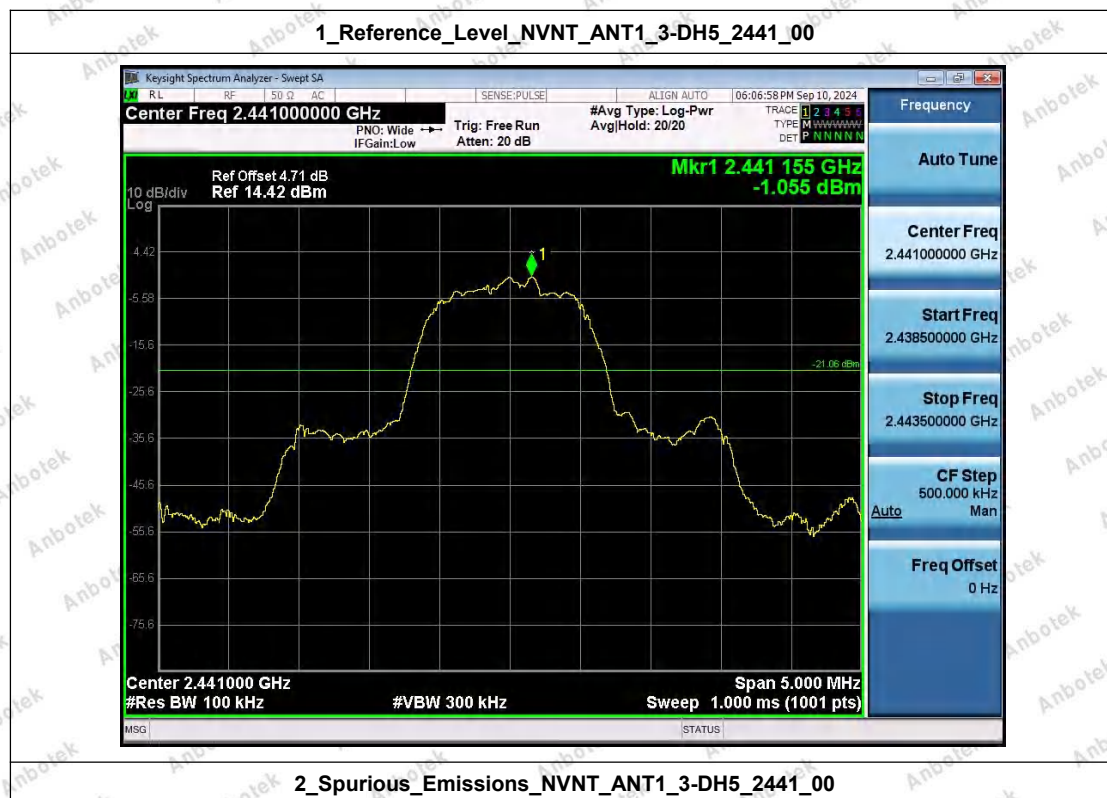


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402_00



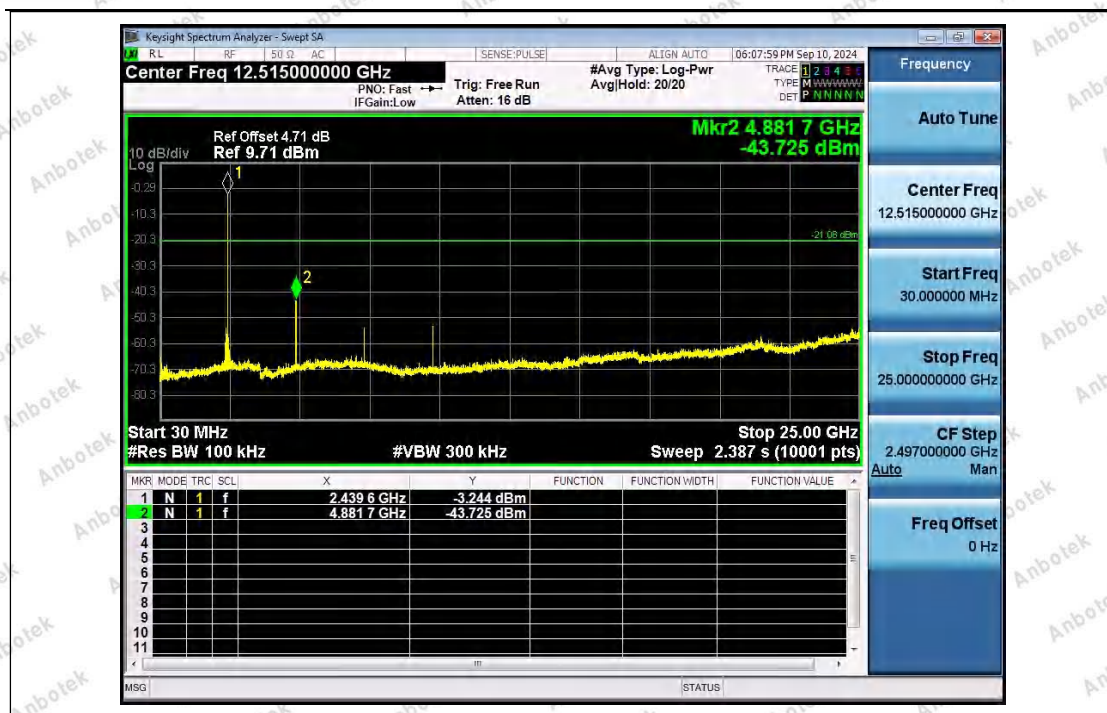


1_Reference_Level_NVNT_ANT1_3-DH5_2441_00

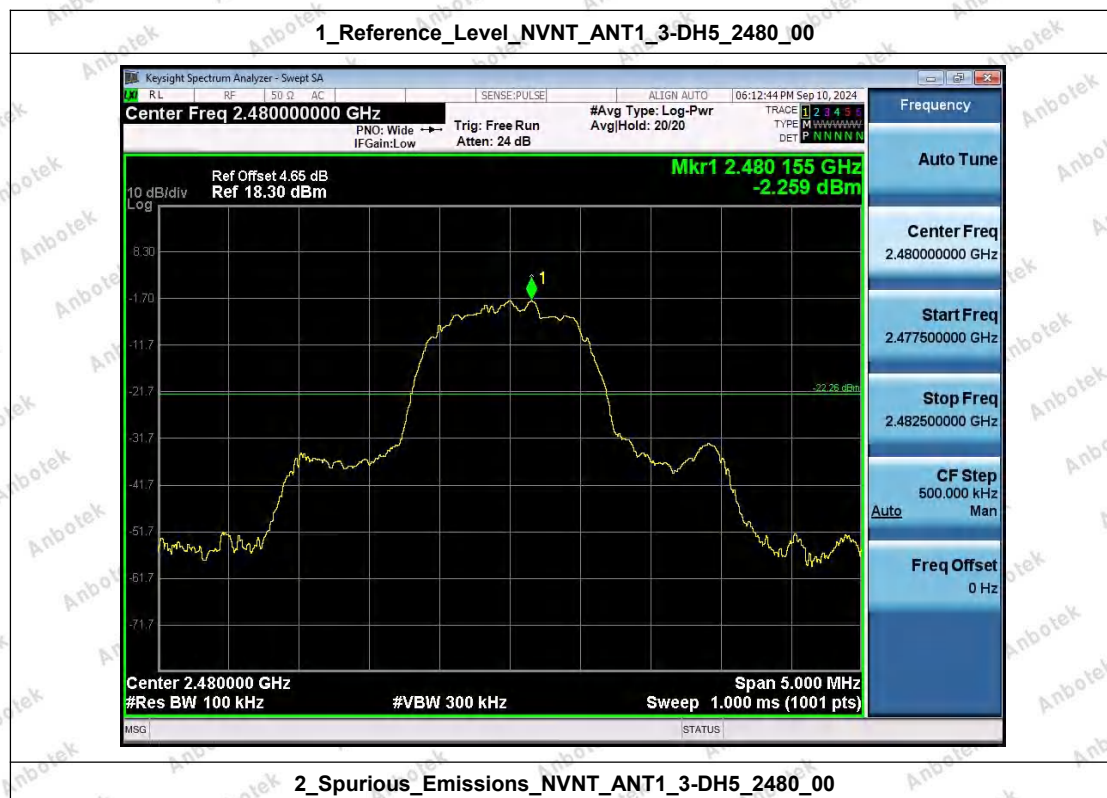


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00



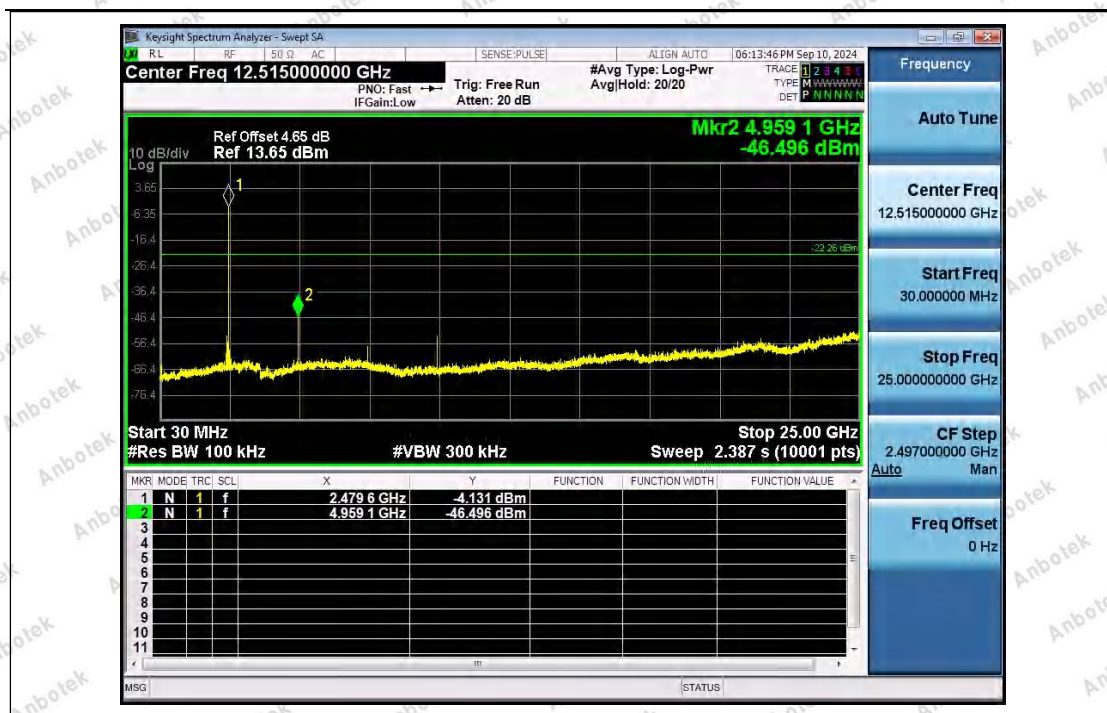


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480_00





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Appendix F:Bandedge

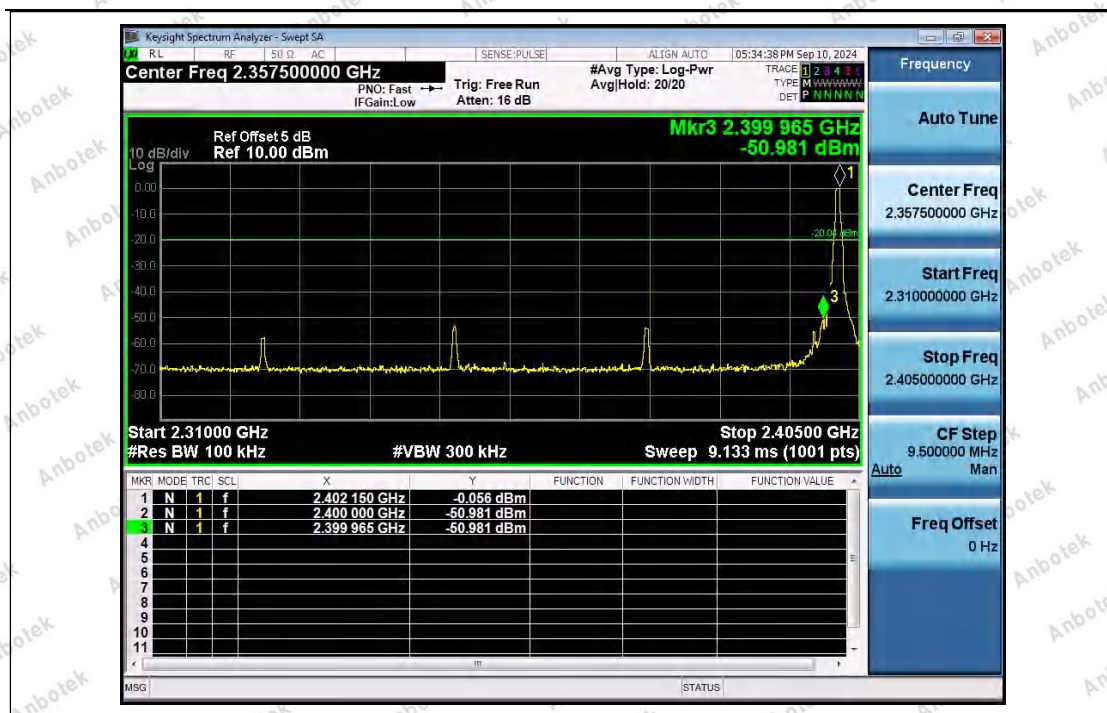
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-50.981	-20.035	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-54.257	-20.315	Pass
NVNT	ANT1	1-DH5	2480.00	-62.647	-22.221	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-55.706	-20.452	Pass
NVNT	ANT1	2-DH5	2402.00	-45.381	-20.375	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-50.492	-20.928	Pass
NVNT	ANT1	2-DH5	2480.00	-65.514	-22.454	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-57.249	-20.447	Pass
NVNT	ANT1	3-DH5	2402.00	-45.309	-20.050	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-49.941	-20.295	Pass
NVNT	ANT1	3-DH5	2480.00	-63.566	-22.259	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-55.647	-20.361	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

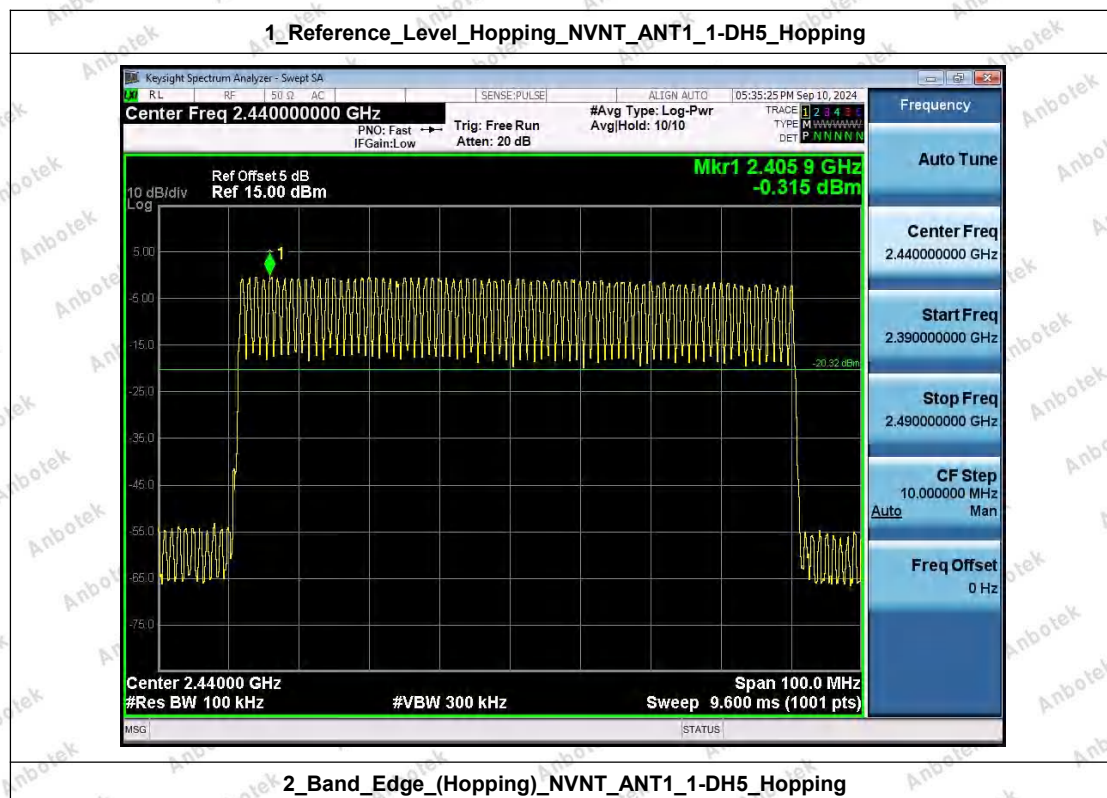


2_Bandedge_NVNT_ANT1_1-DH5_2402_00





1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

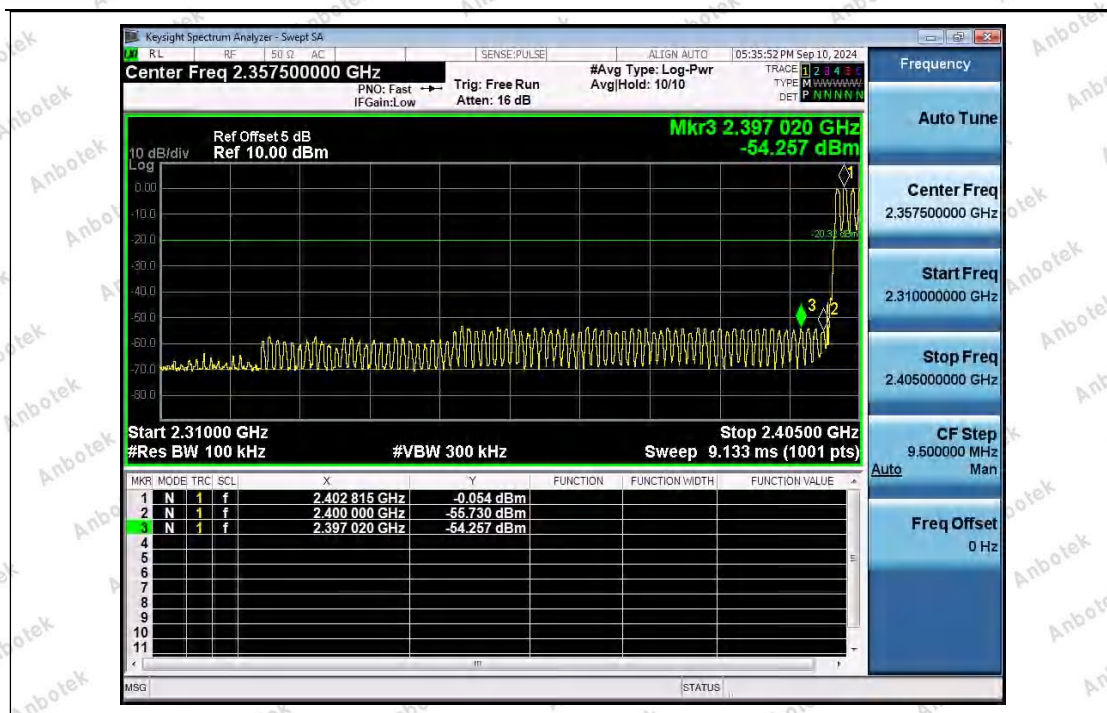
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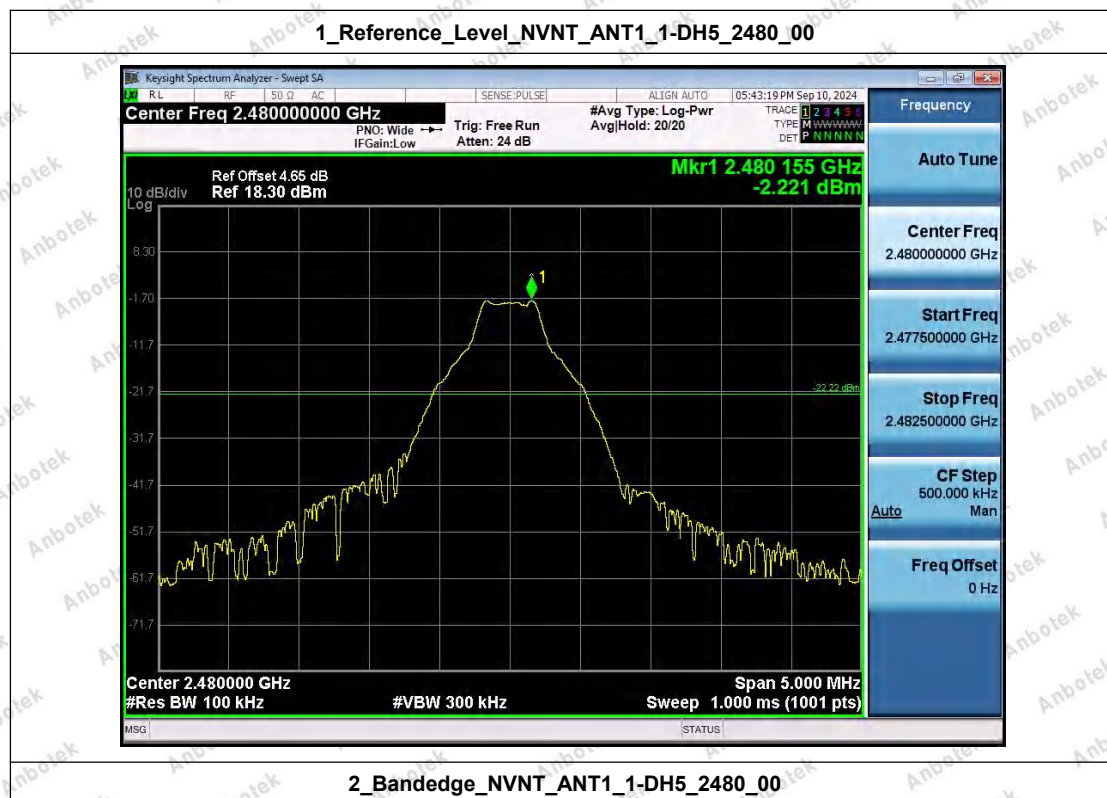


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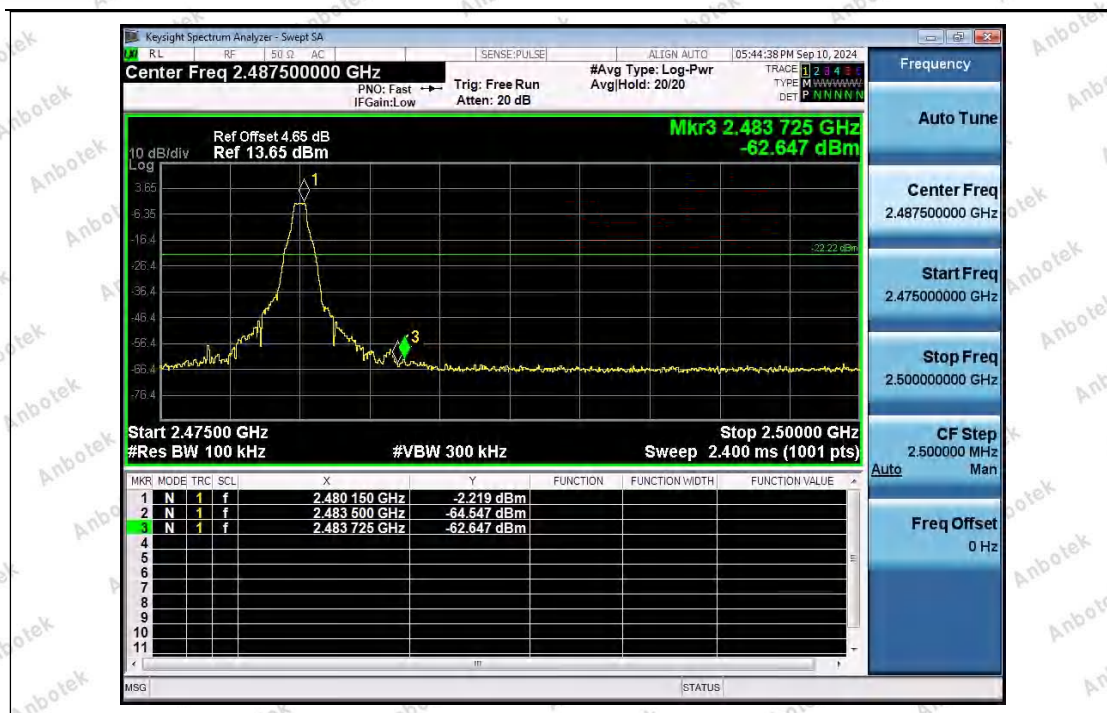


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

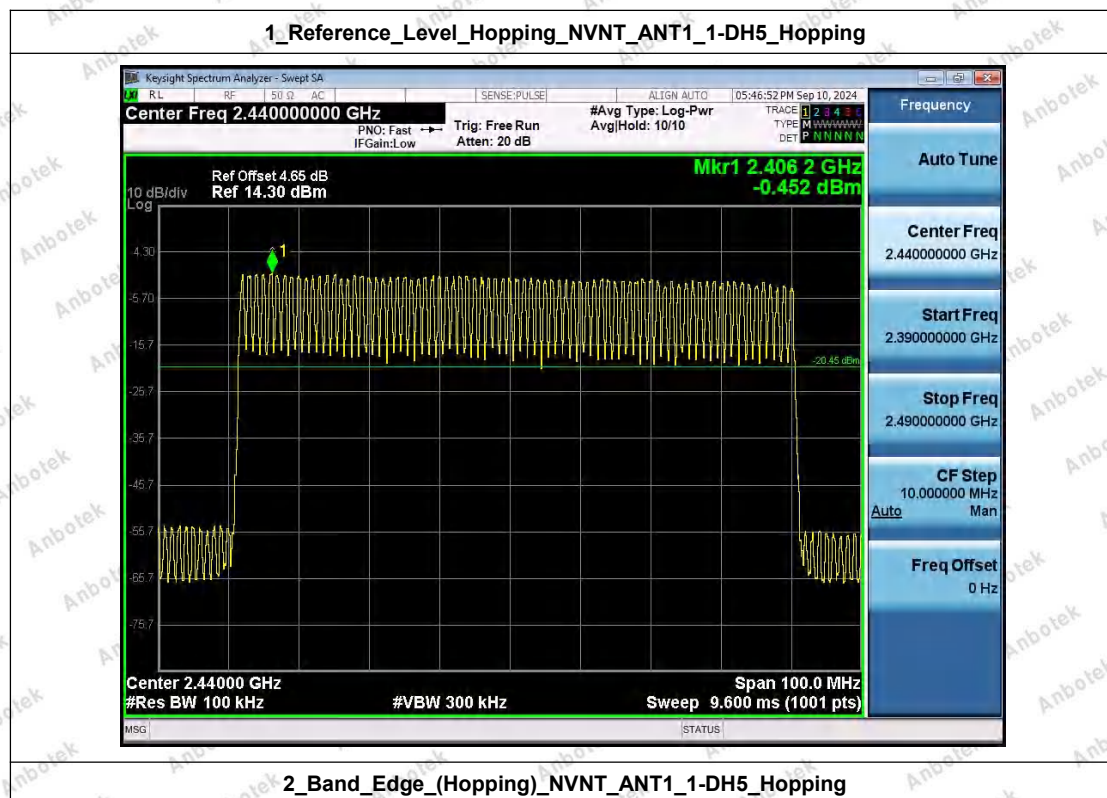


2_Bandedge_NVNT_ANT1_1-DH5_2480_00





1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

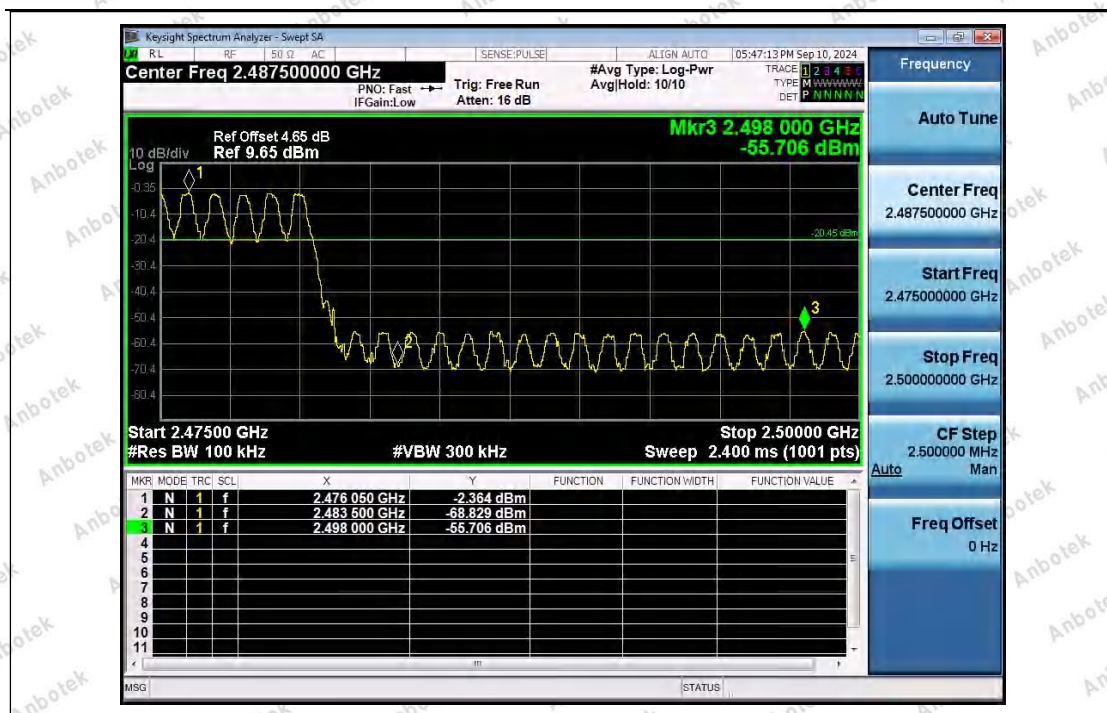
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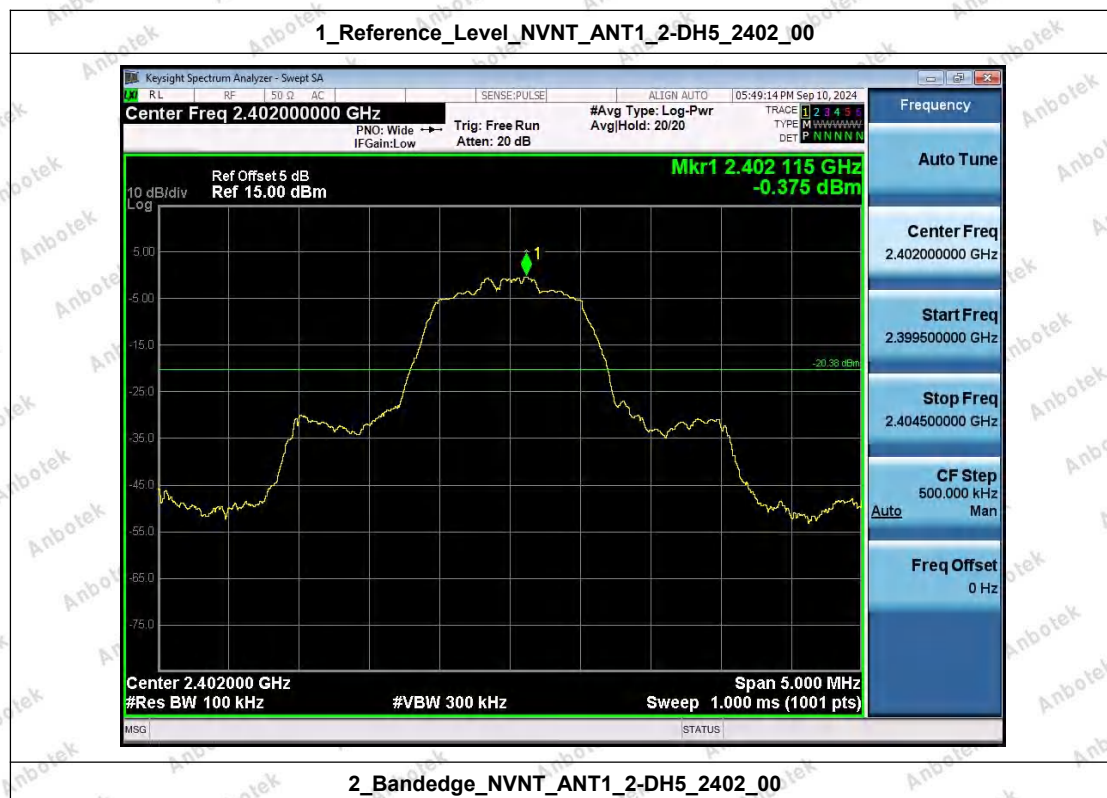


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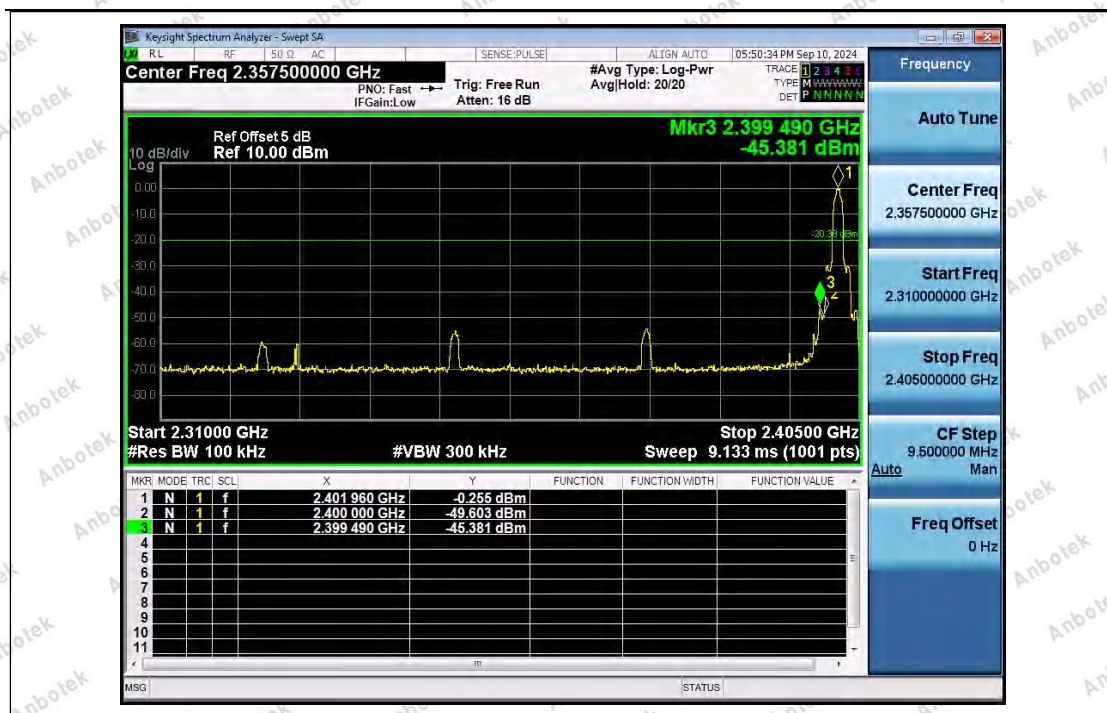


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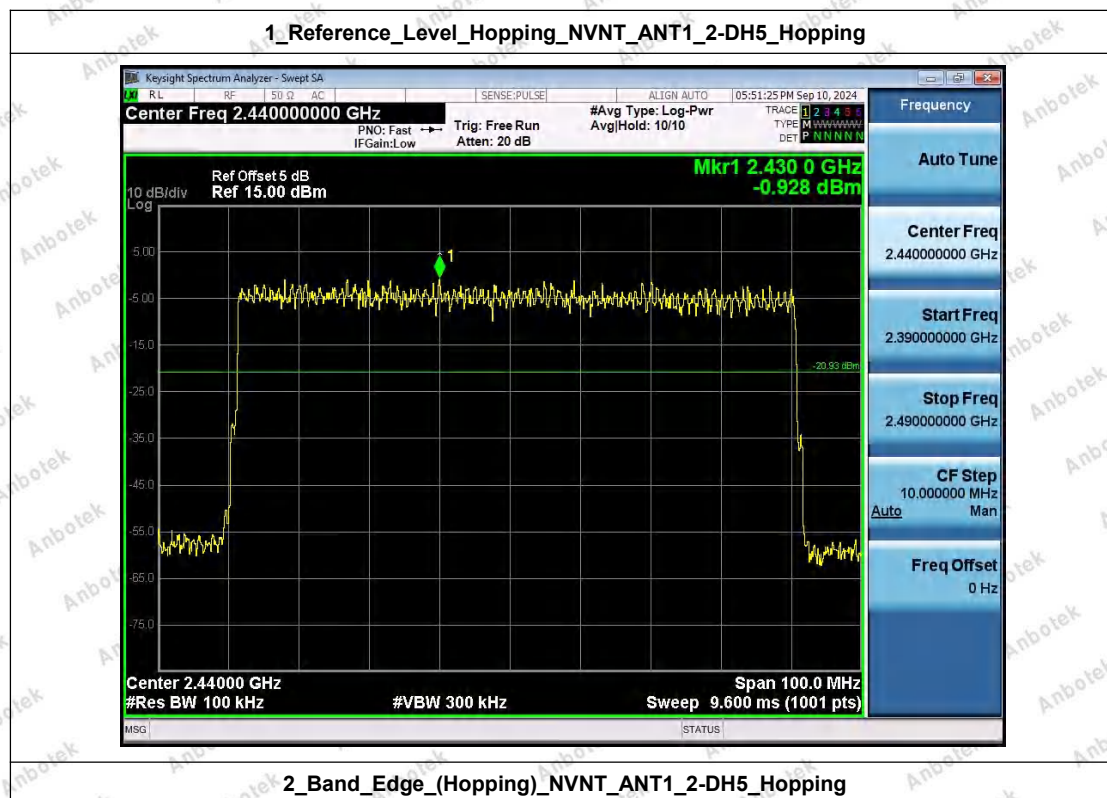


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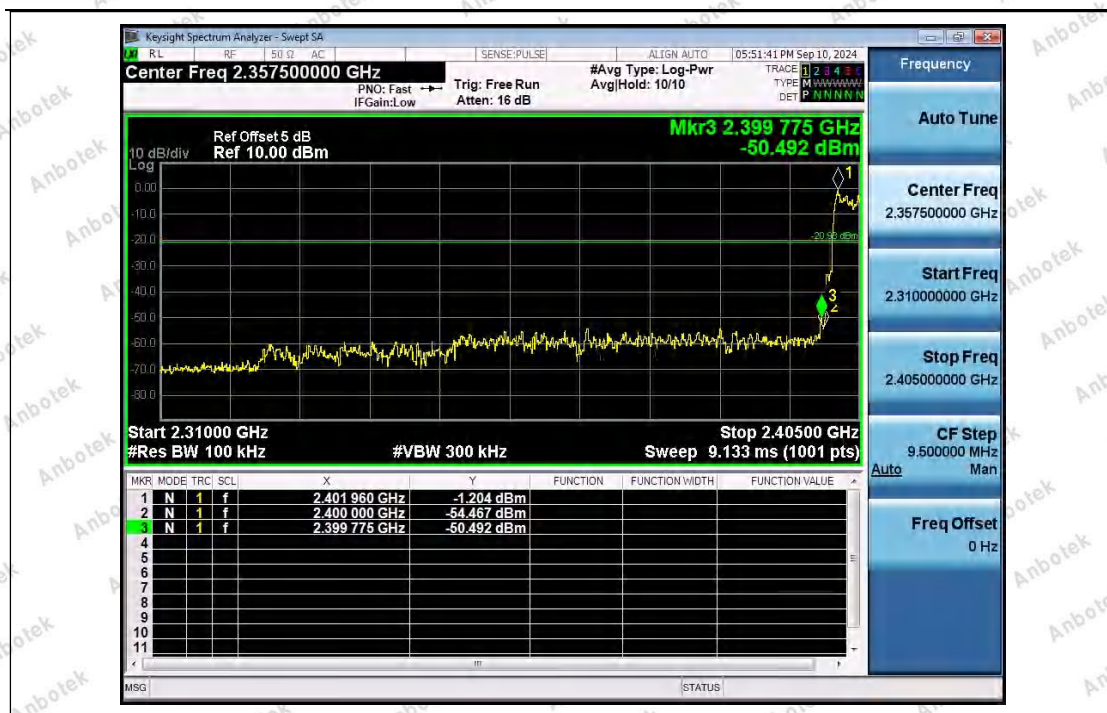


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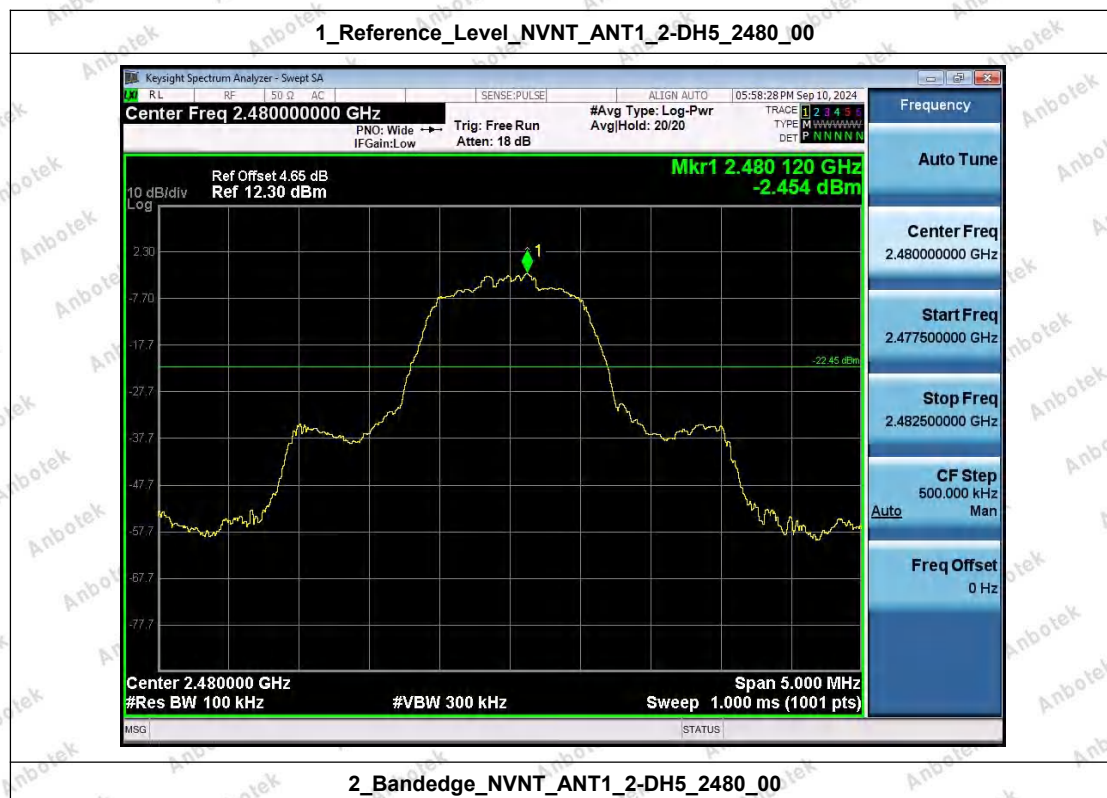


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping





1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

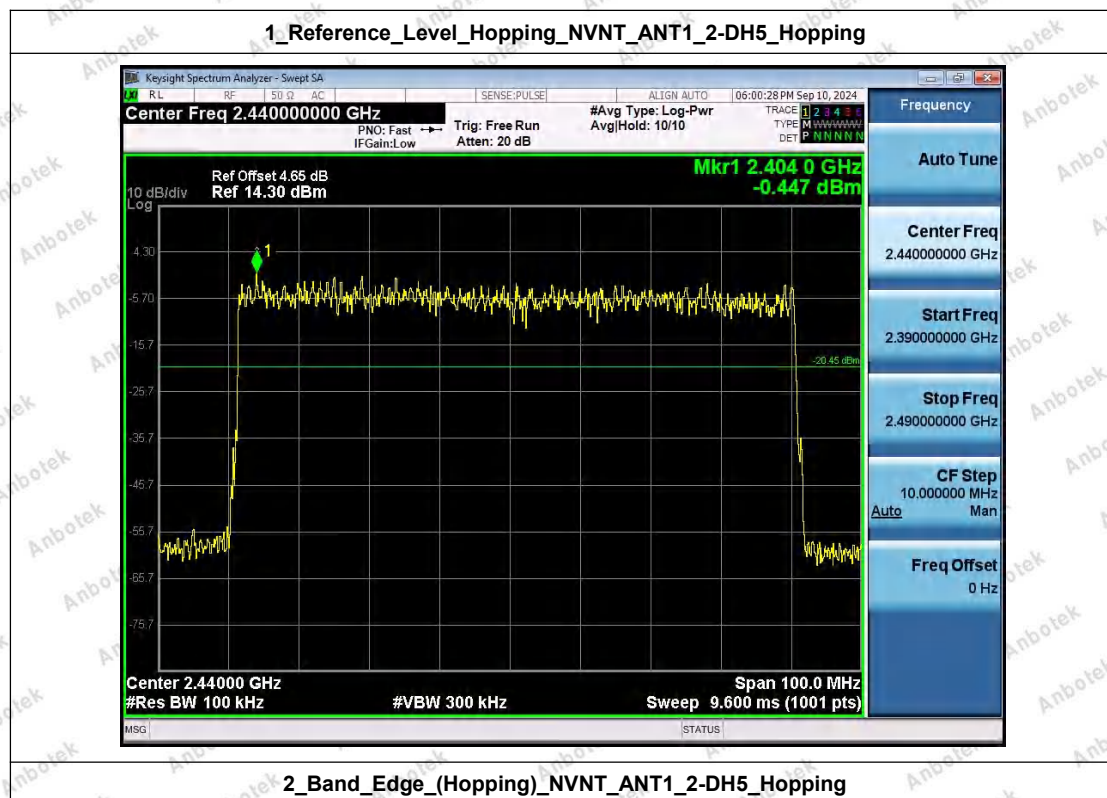


2_Bandedge_NVNT_ANT1_2-DH5_2480_00





1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping

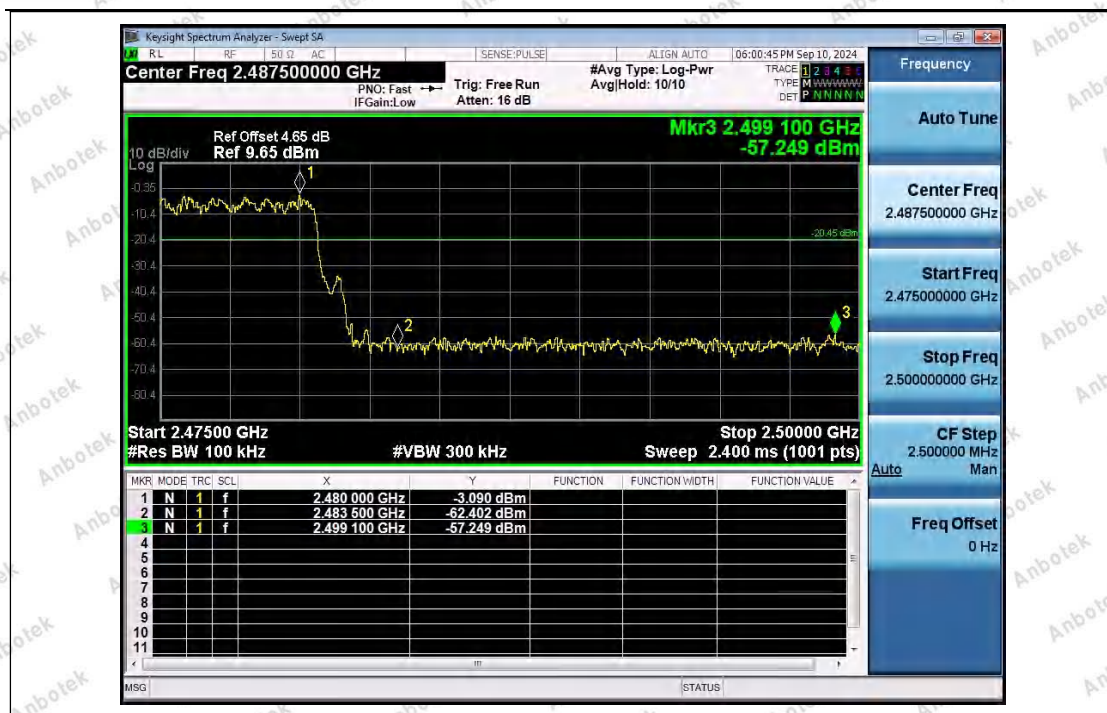
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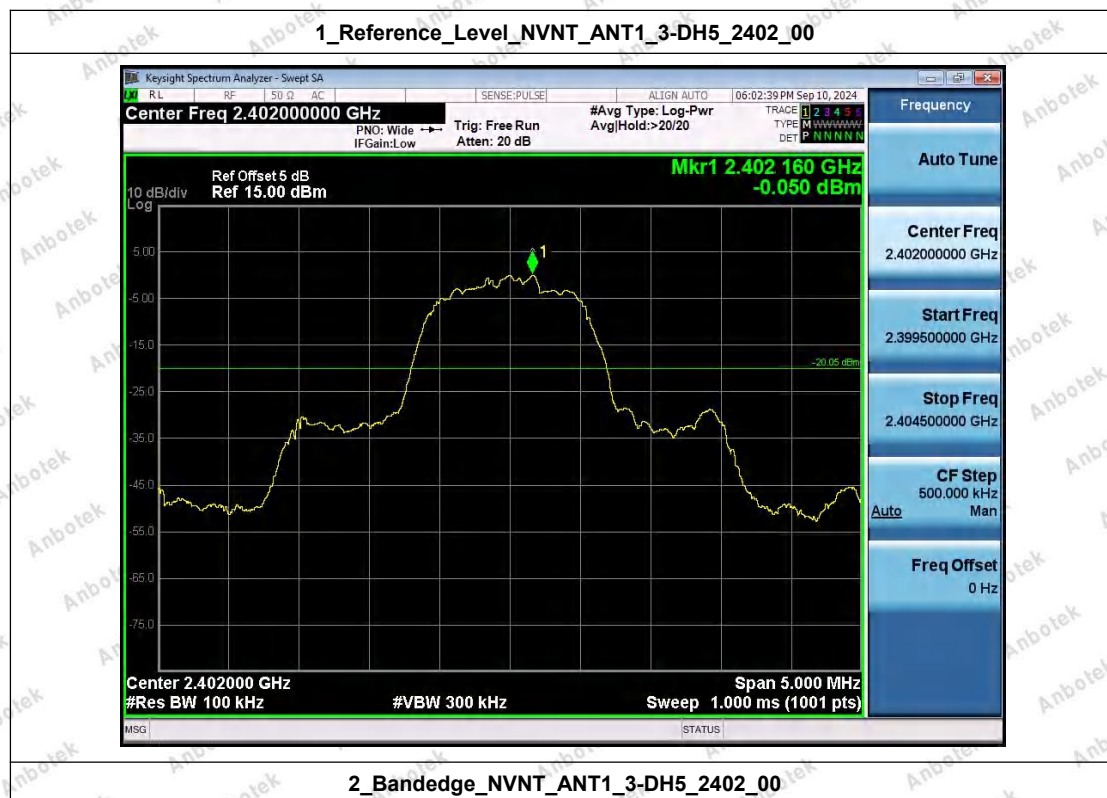


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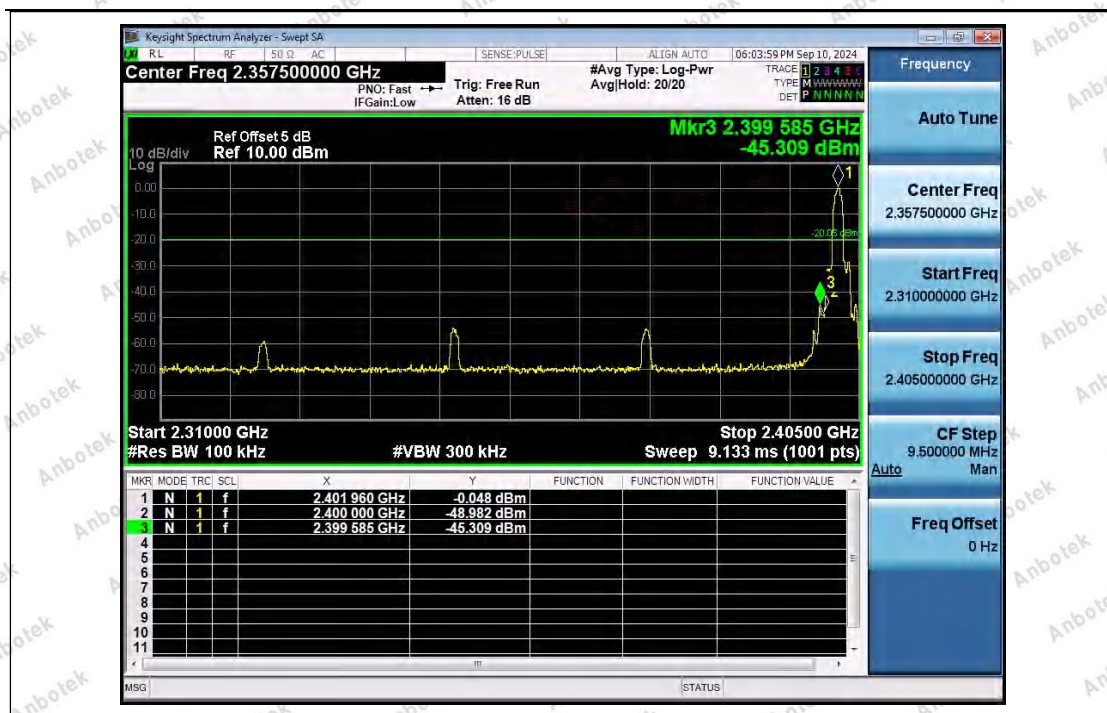


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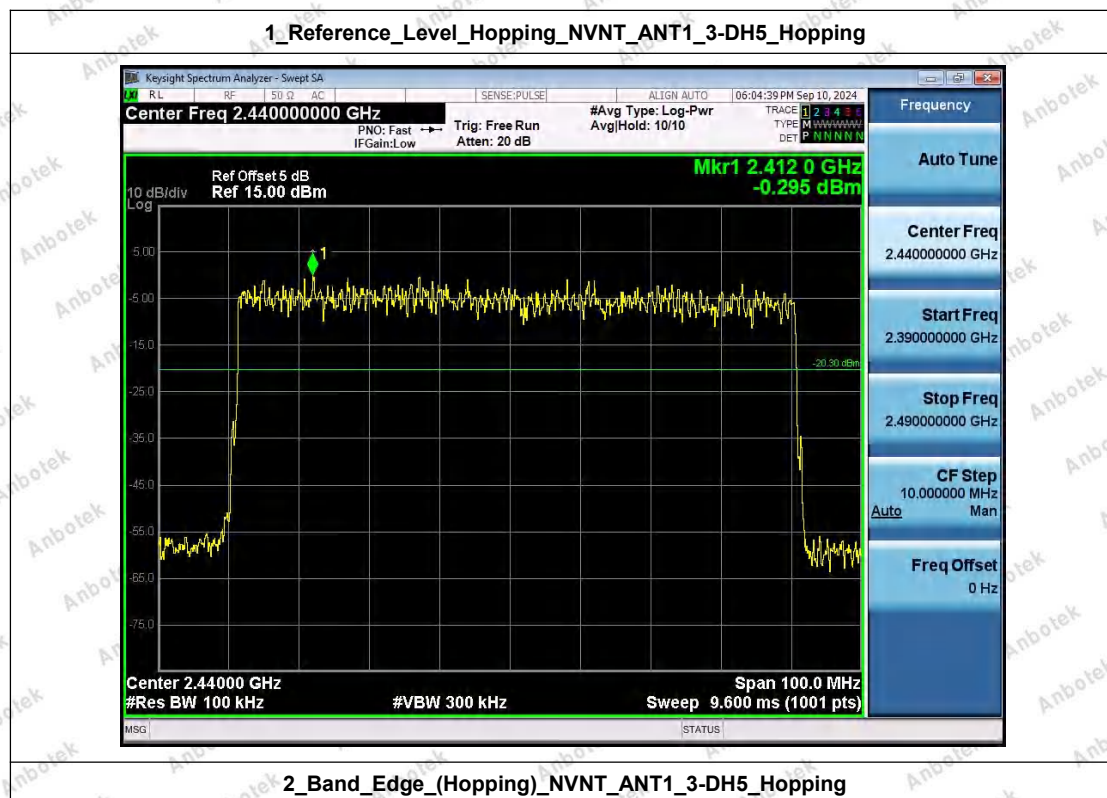


2_Bandedge_NVNT_ANT1_3-DH5_2402_00





1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping

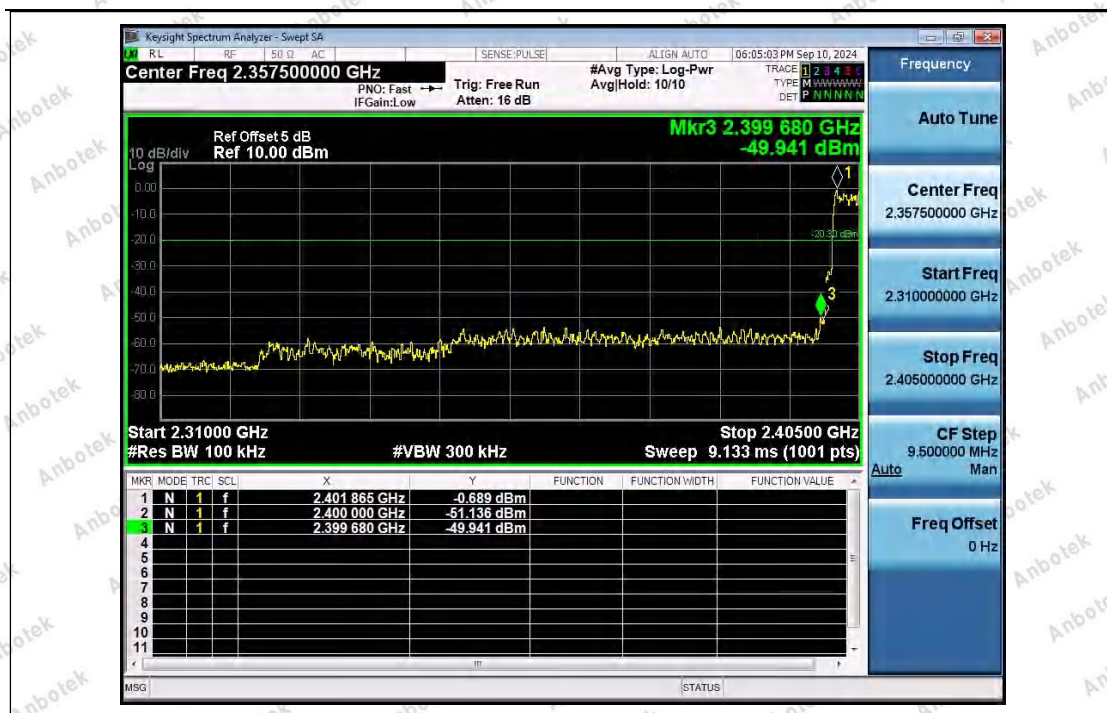
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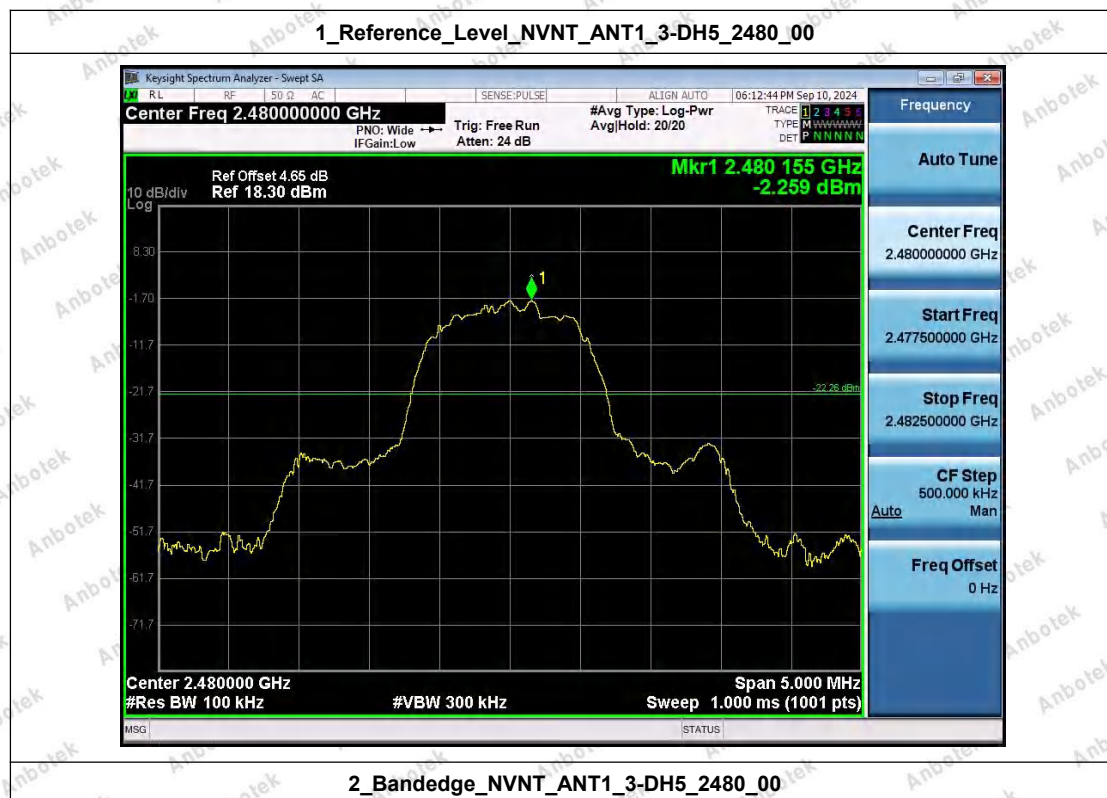


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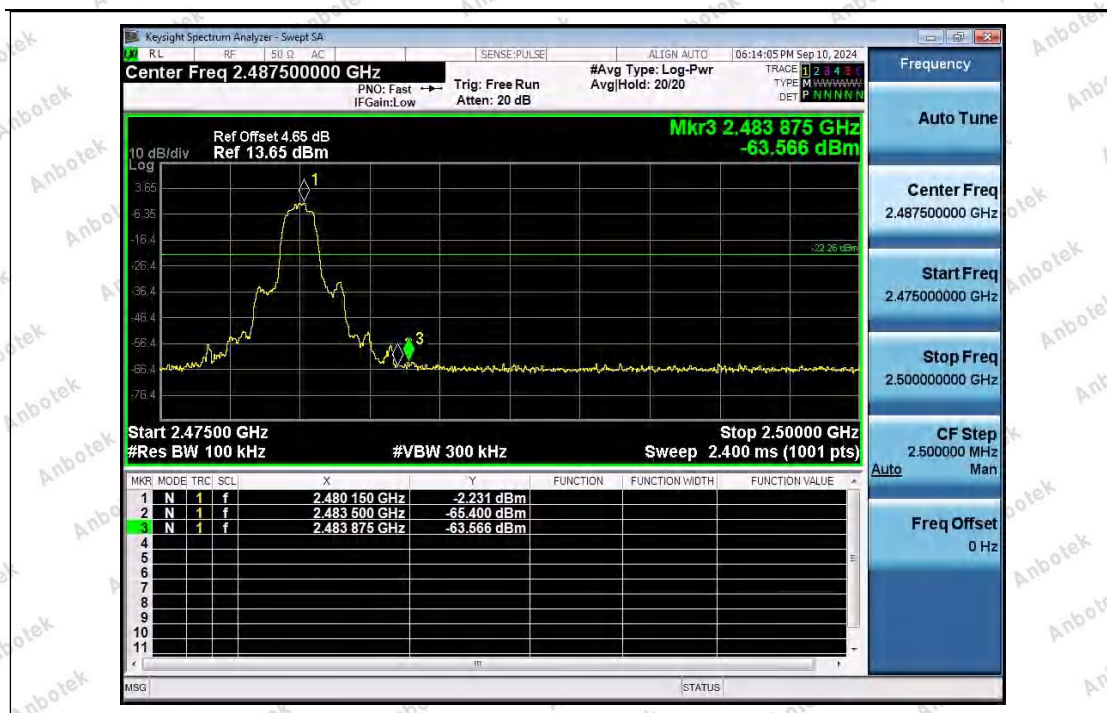


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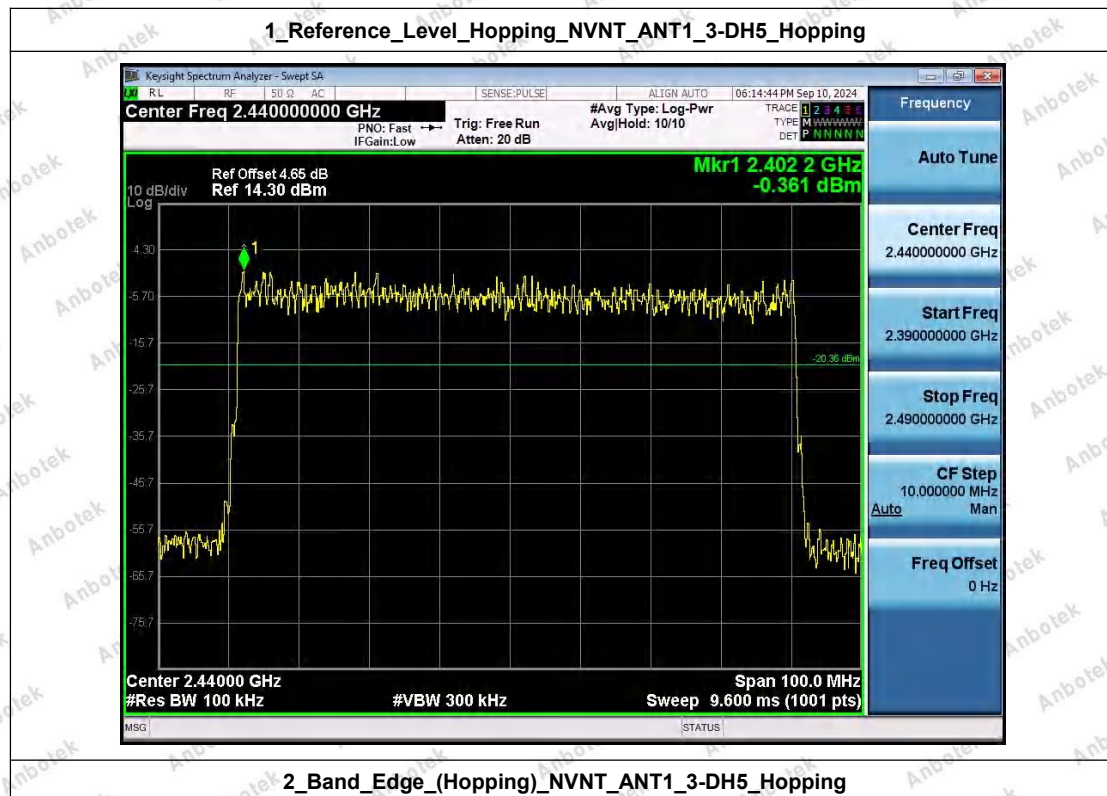


2_Bandedge_NVNT_ANT1_3-DH5_2480_00





1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping

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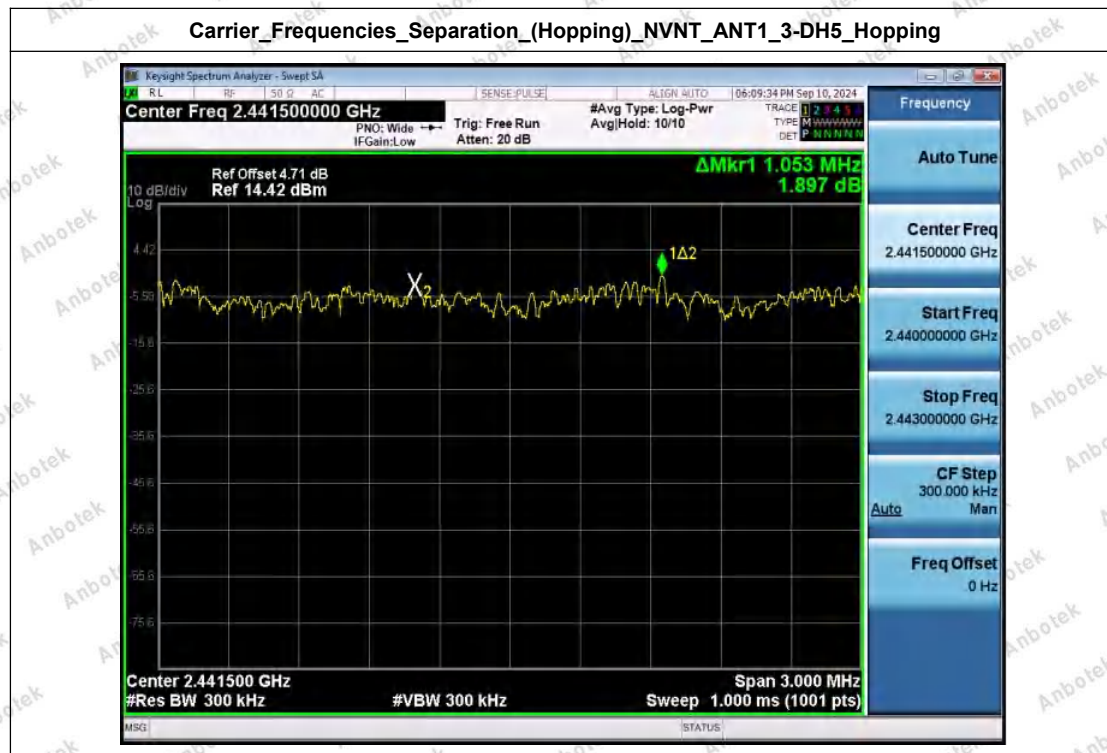
Appendix G:Carrier Frequencies Separation (Hopping)

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	2440.978	2442.163	1.19	0.953	Pass
NVNT	ANT1	2-DH5	2441.00	2441.116	2442.037	0.92	0.881	Pass
NVNT	ANT1	3-DH5	2441.00	2441.095	2442.148	1.05	0.860	Pass

Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH5_Hopping**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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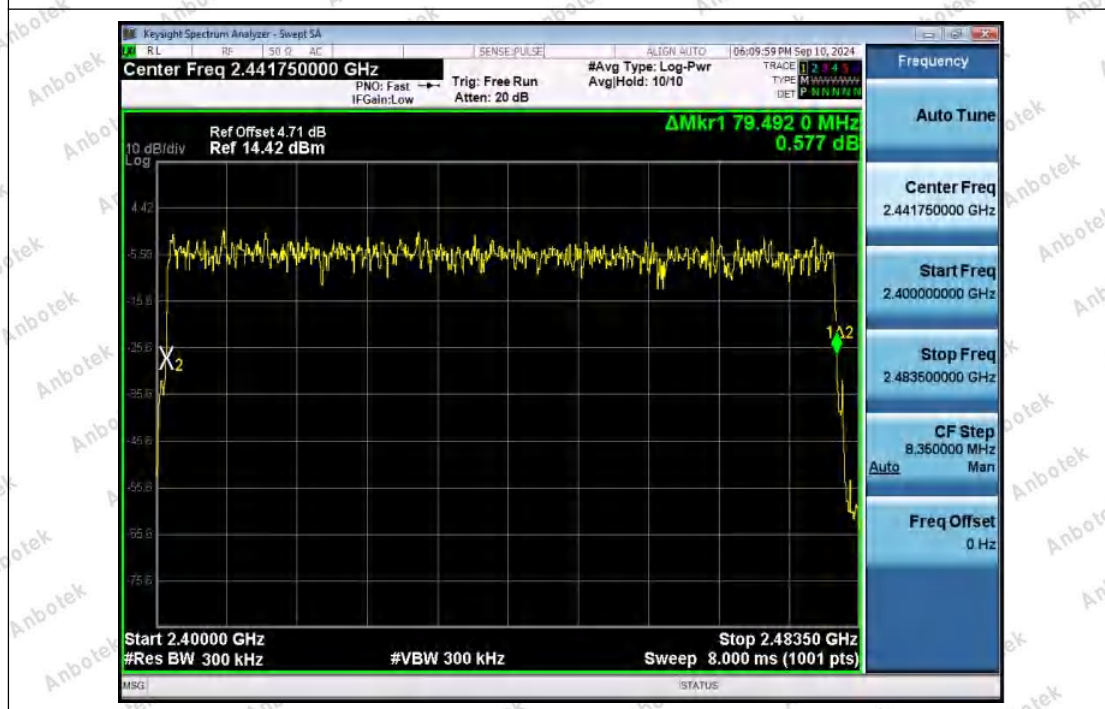


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Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH5_Hopping



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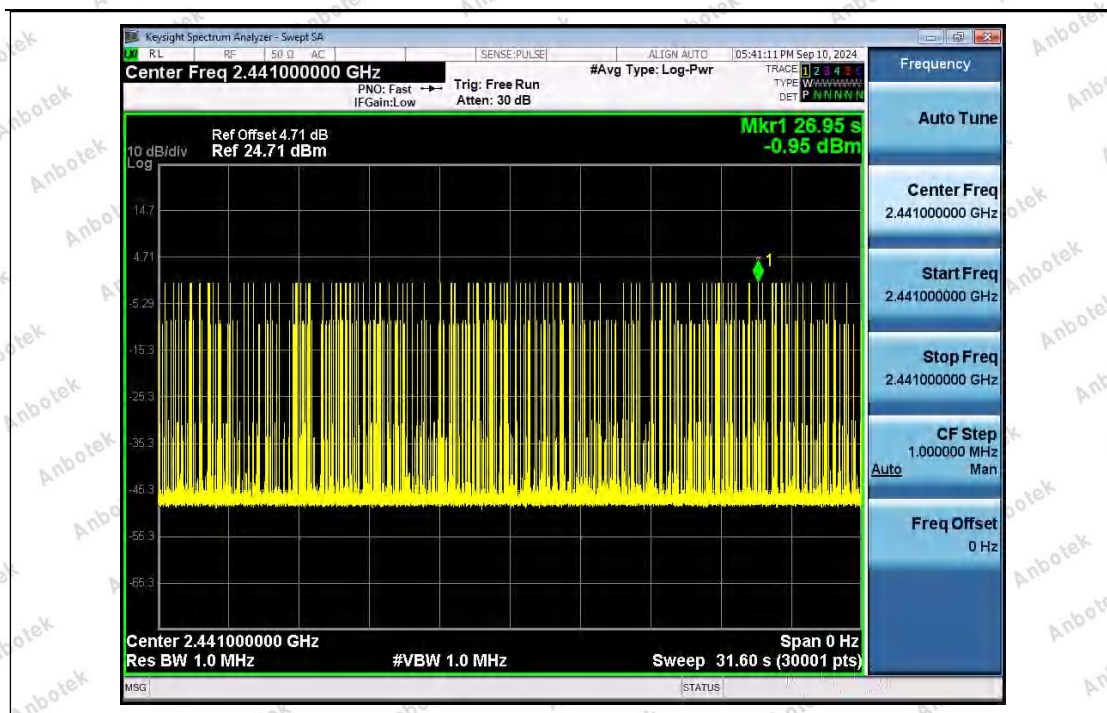
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com



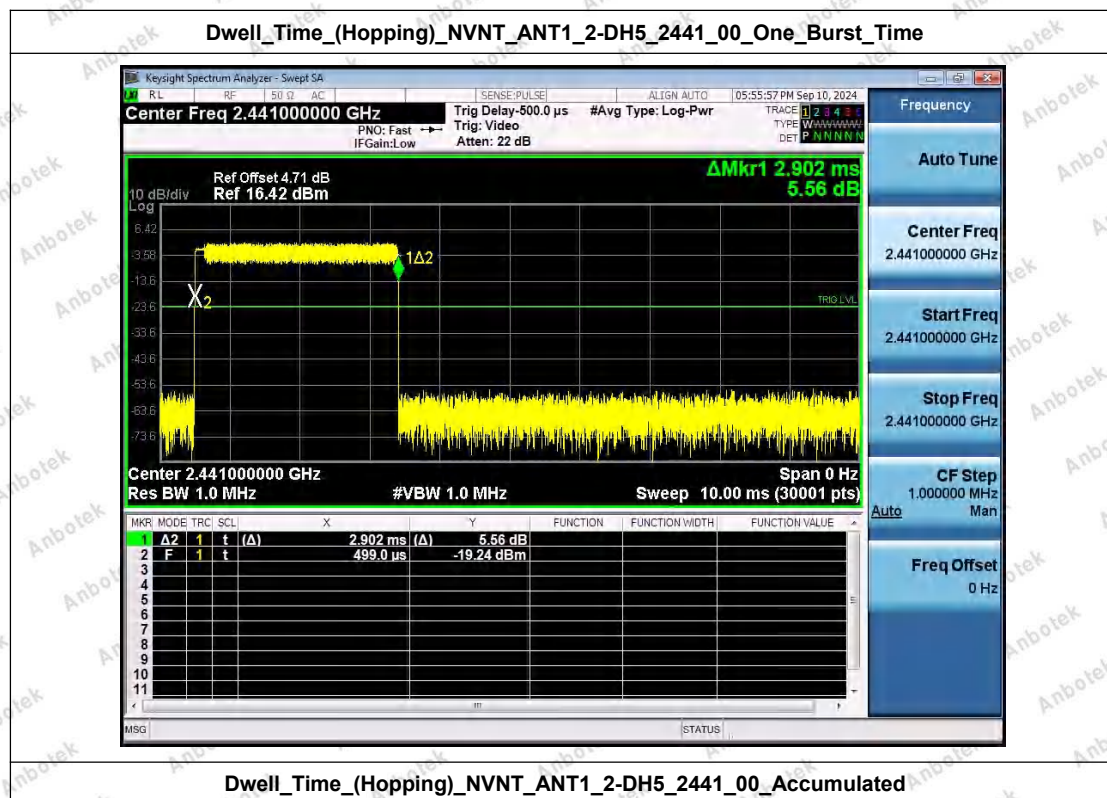
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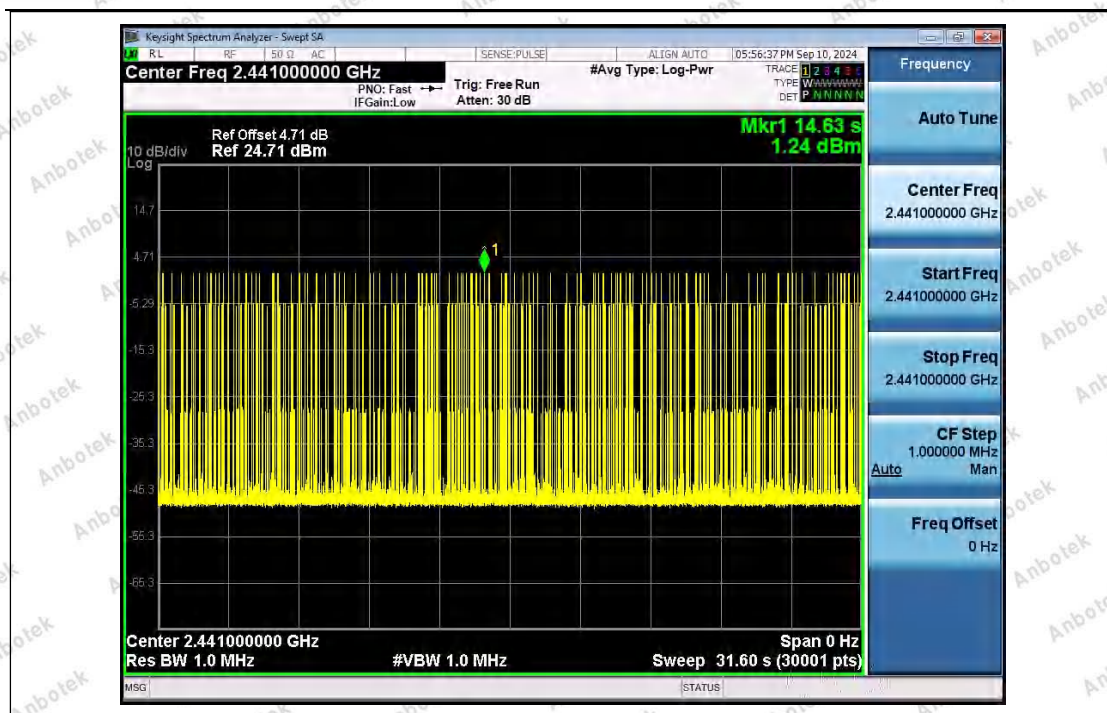


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time

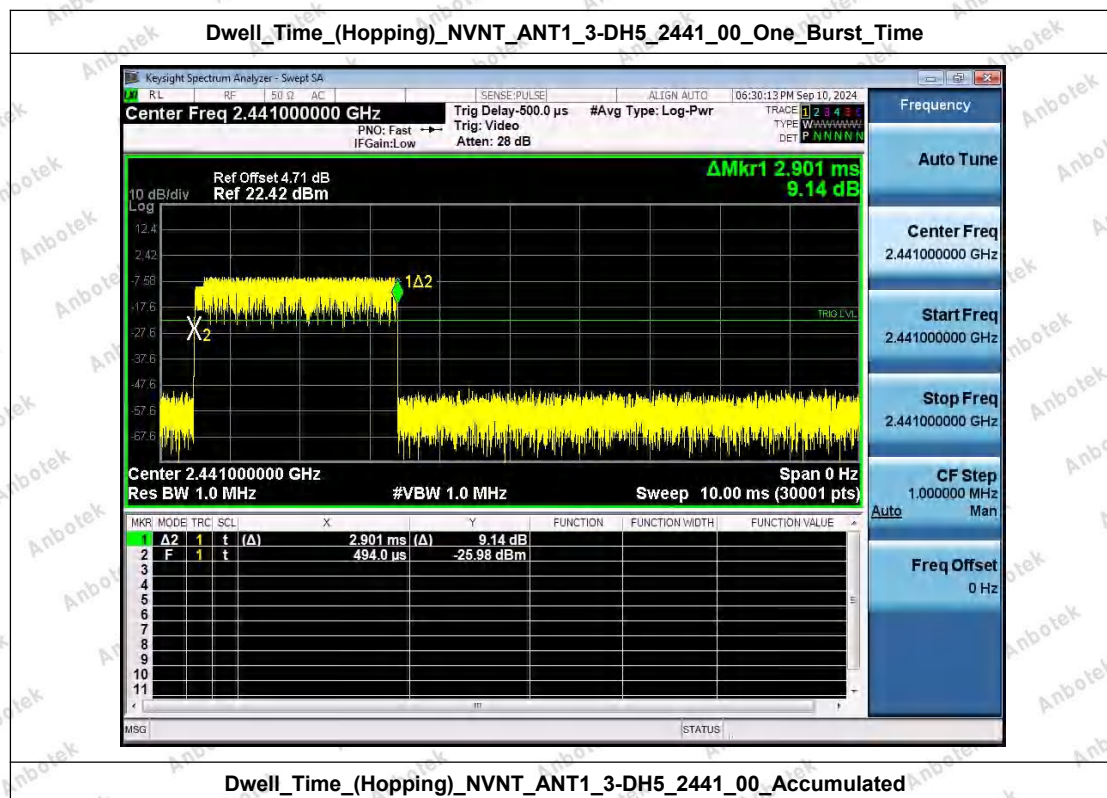


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



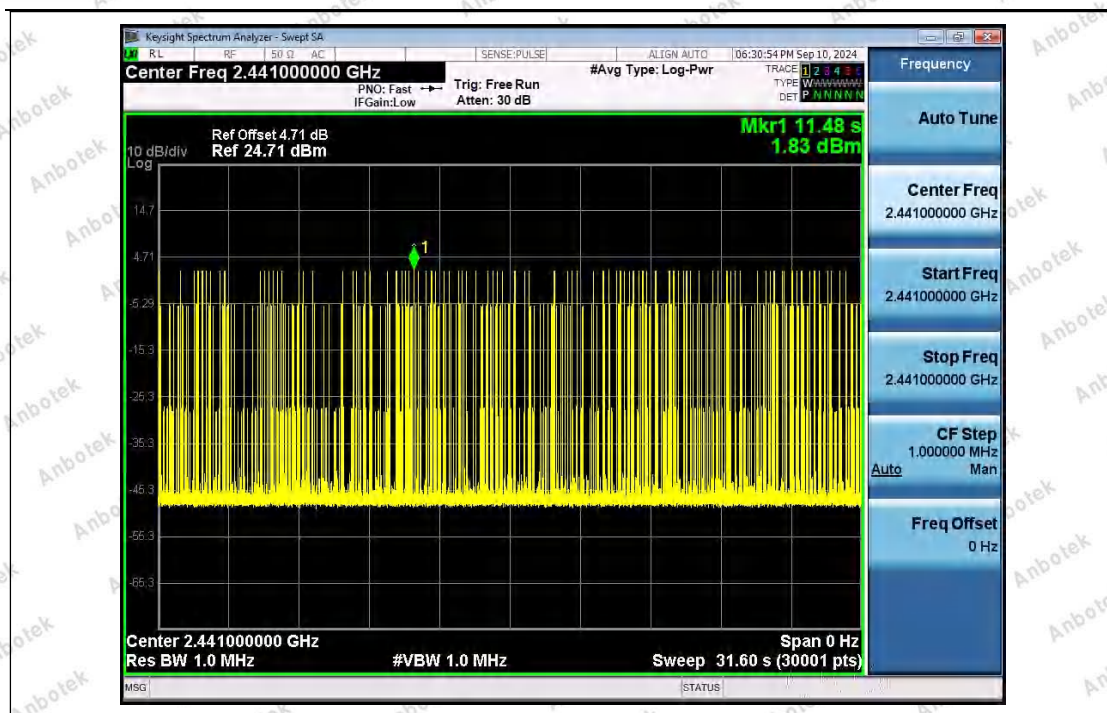


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_One_Burst_Time

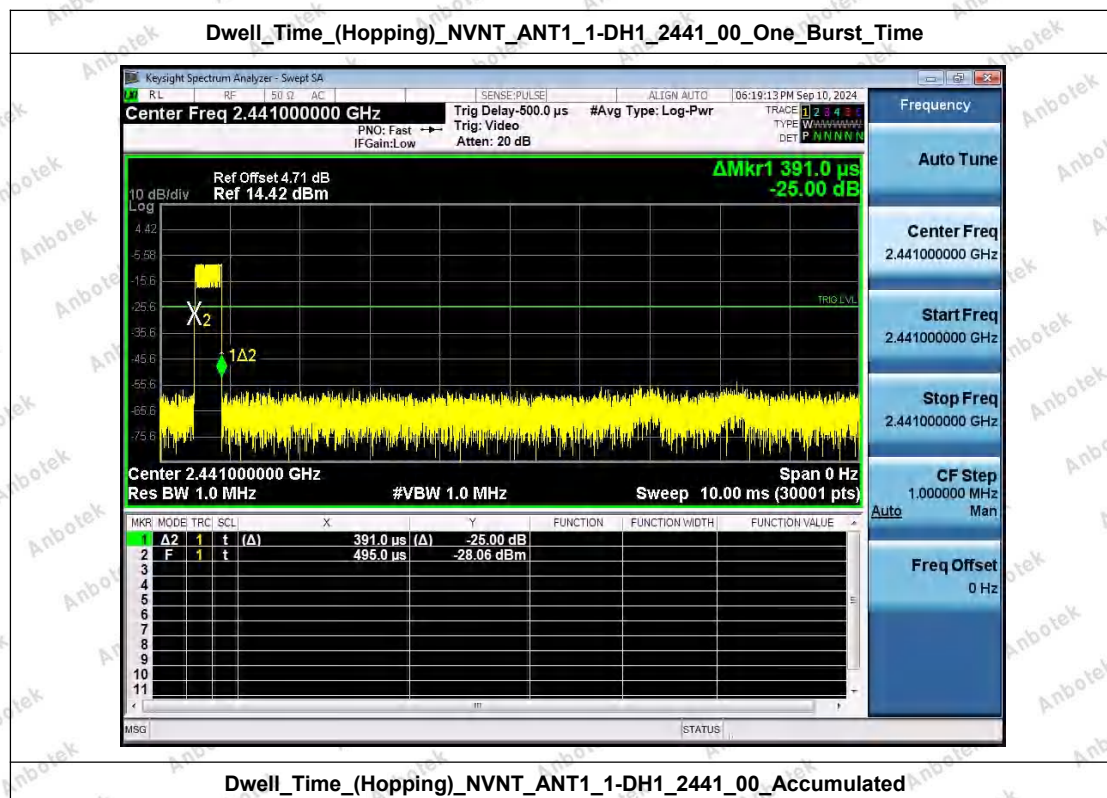


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_Accumulated



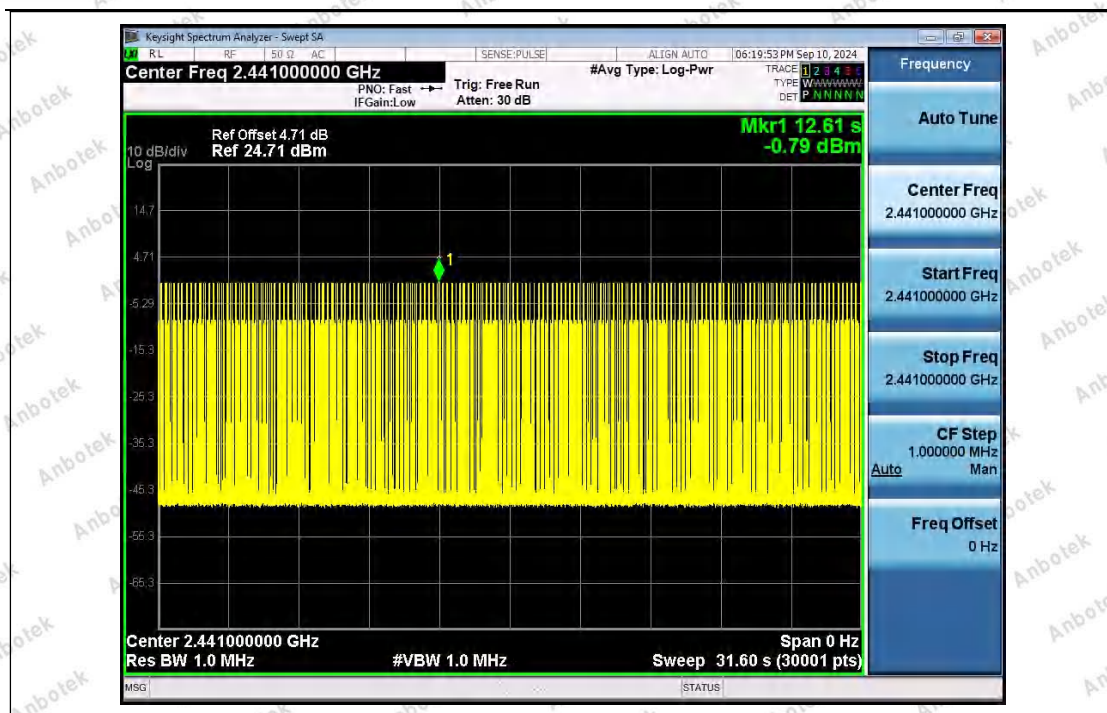


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_One_Burst_Time

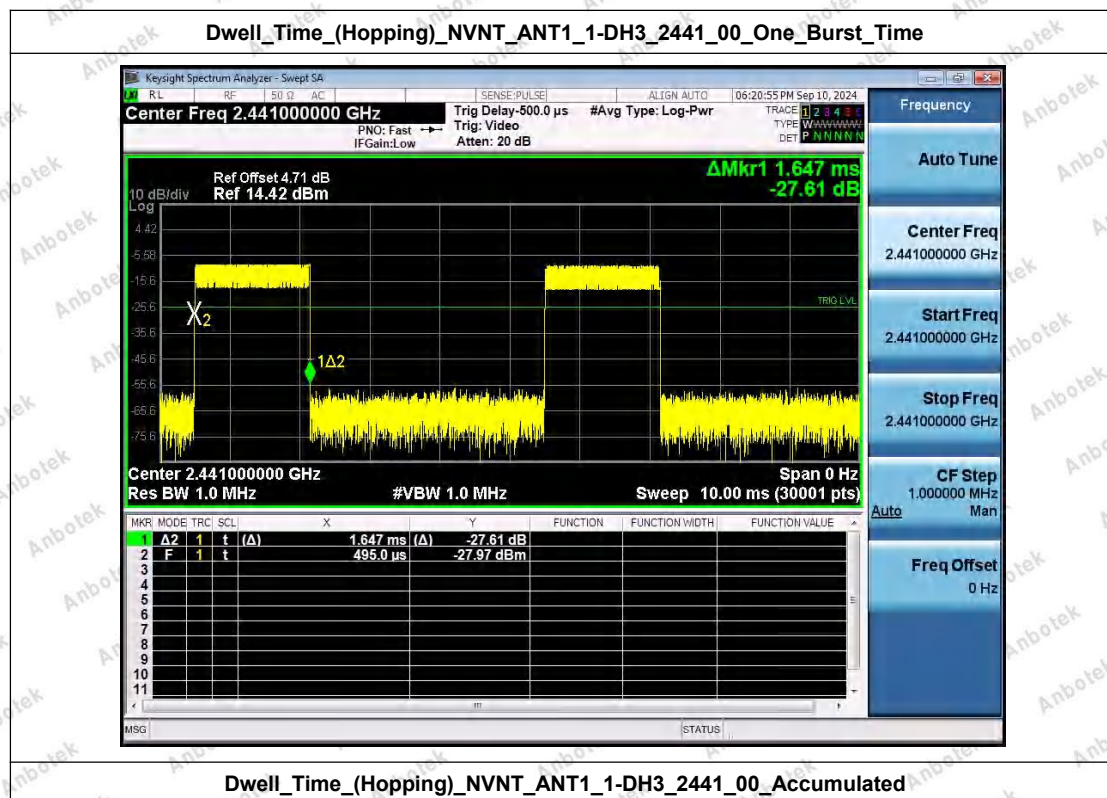


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_Accumulated



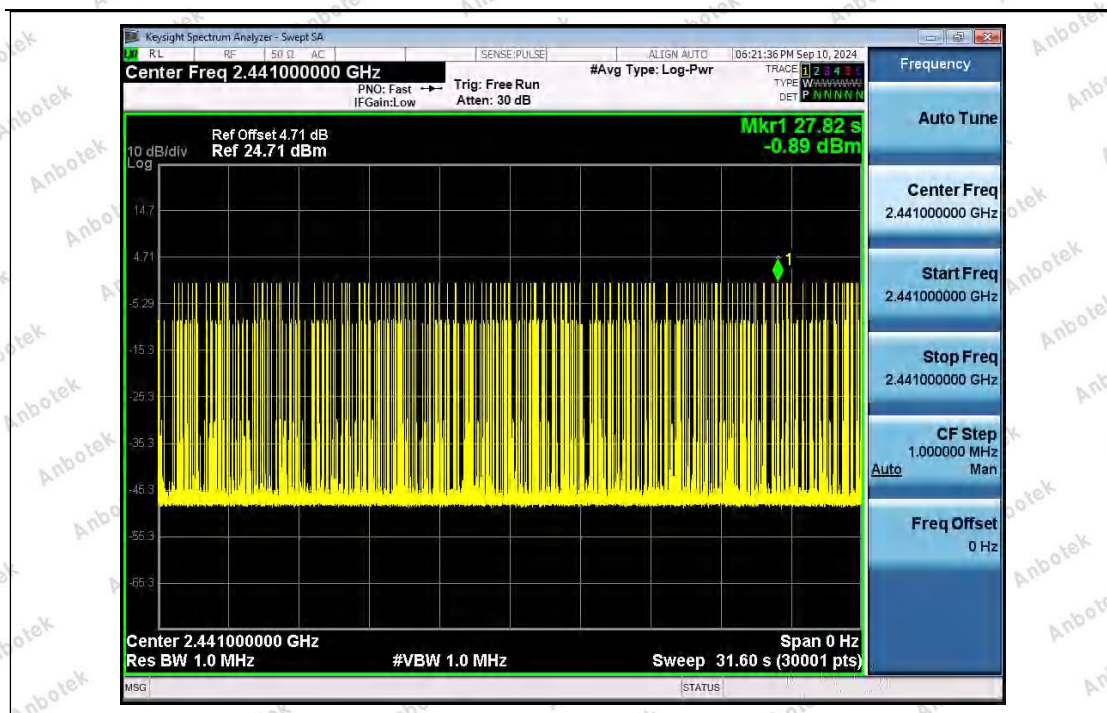


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time

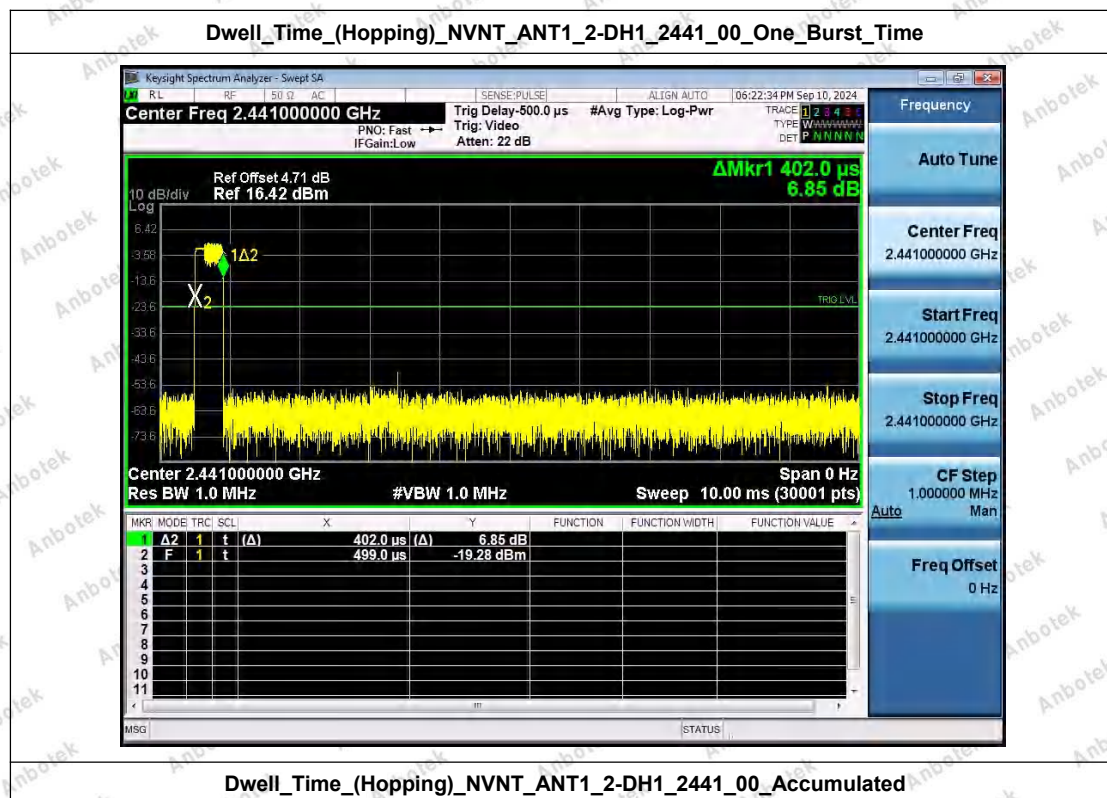


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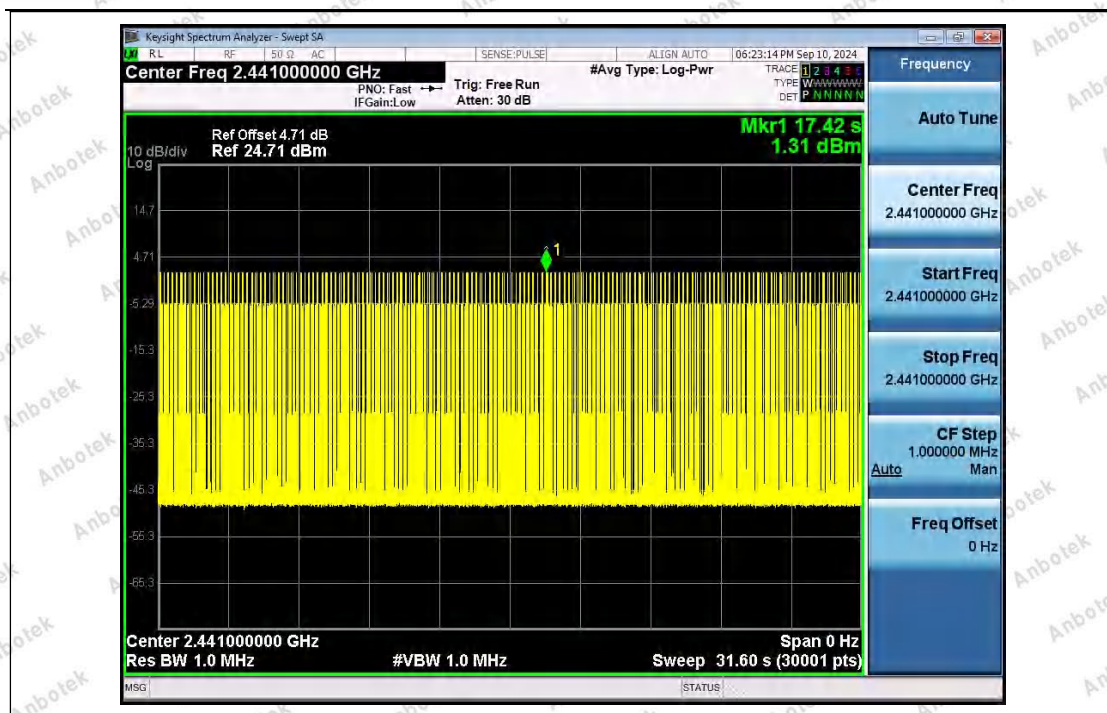


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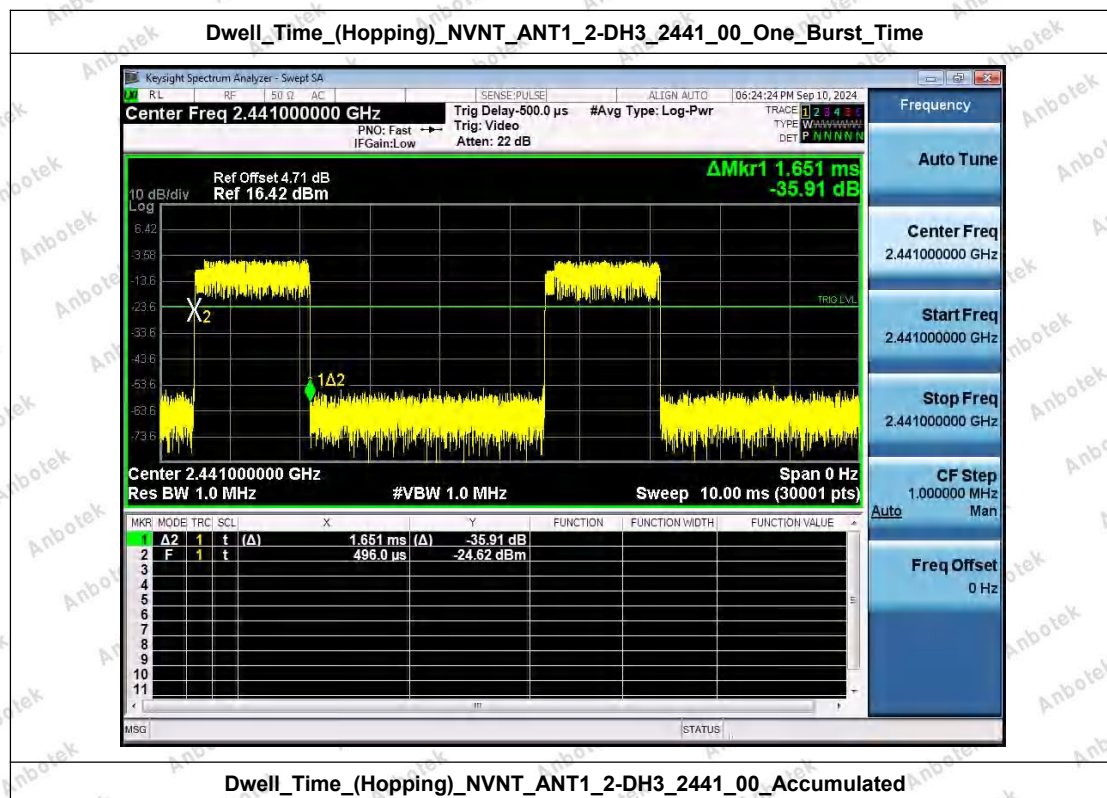


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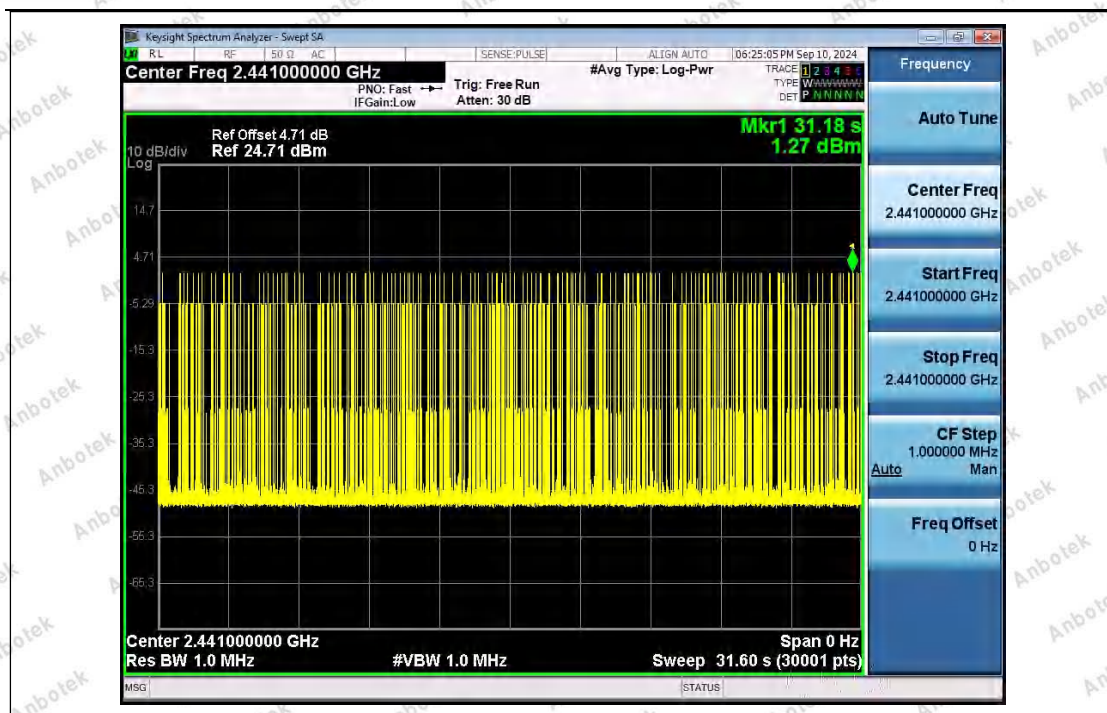


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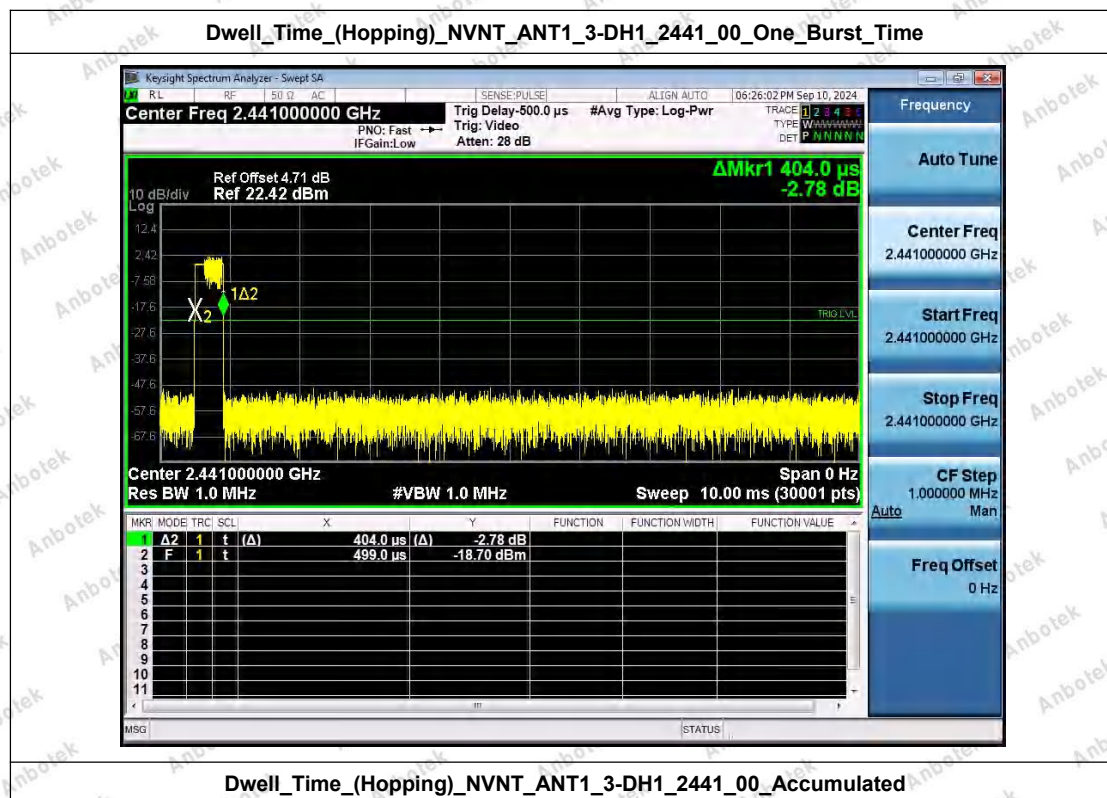


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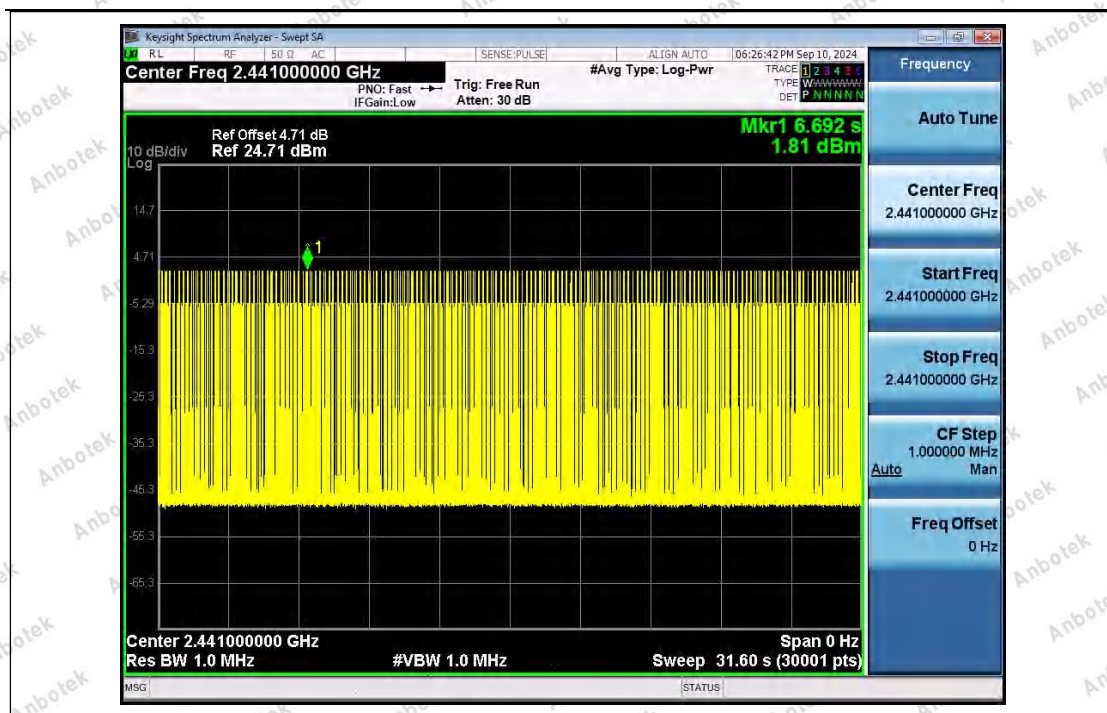


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_One_Burst_Time

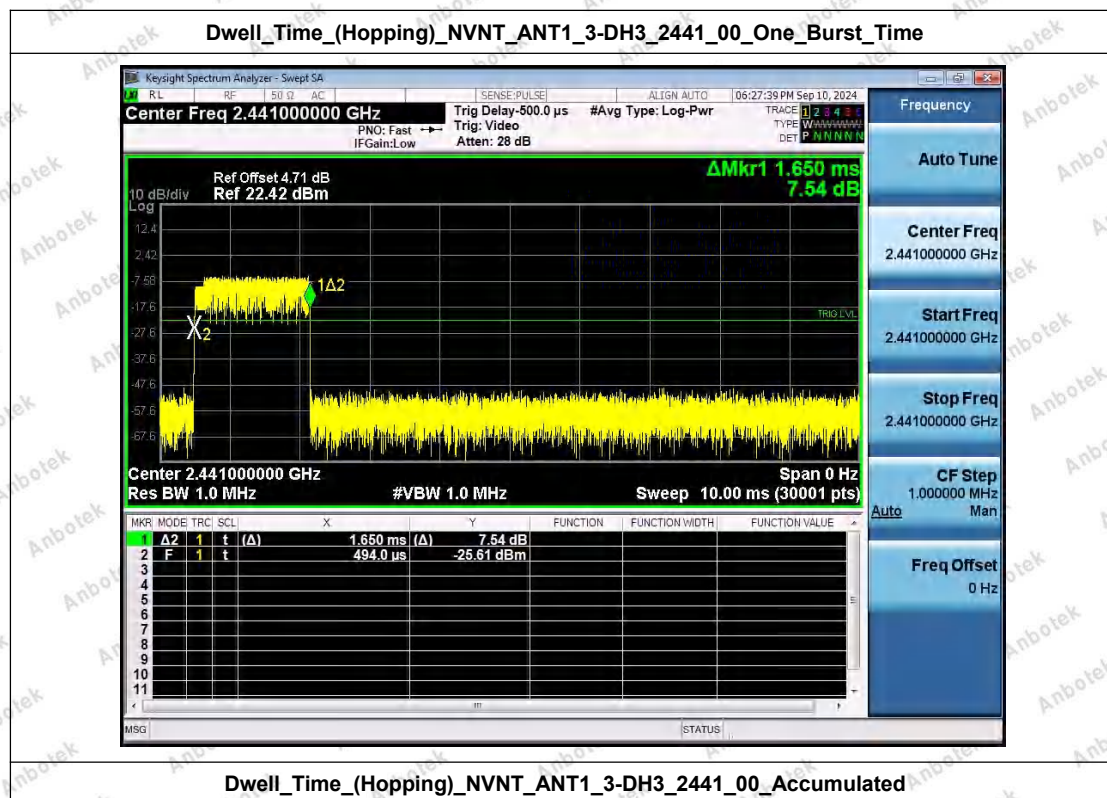


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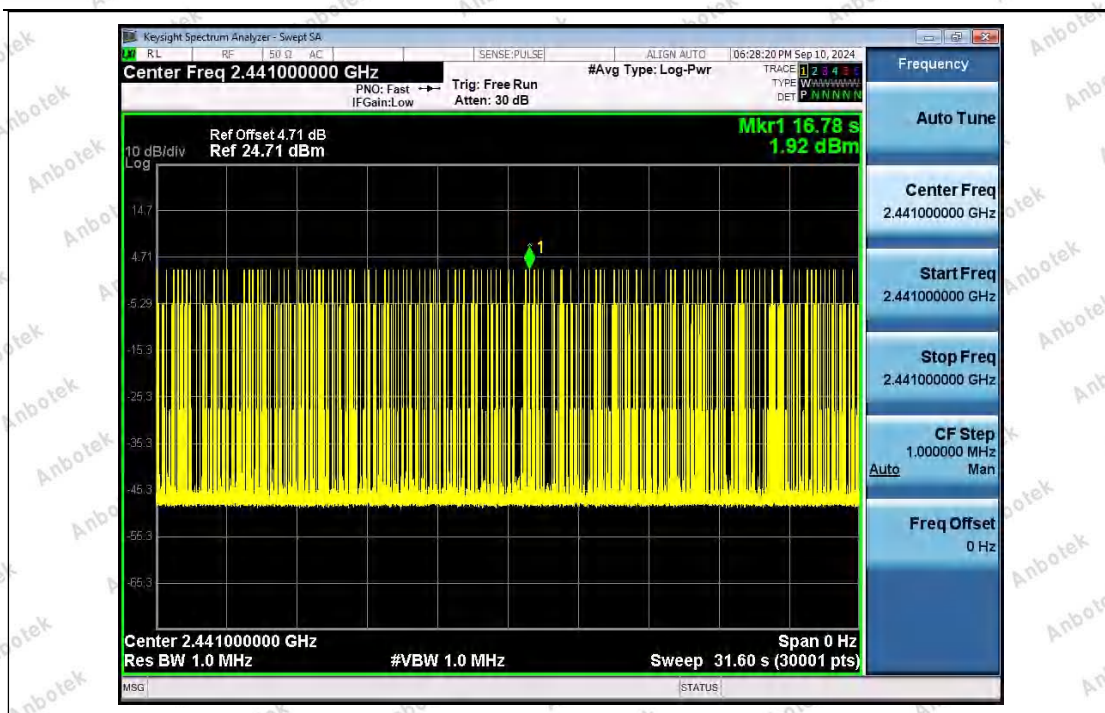


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_Accumulated





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