

Appendix Test Data

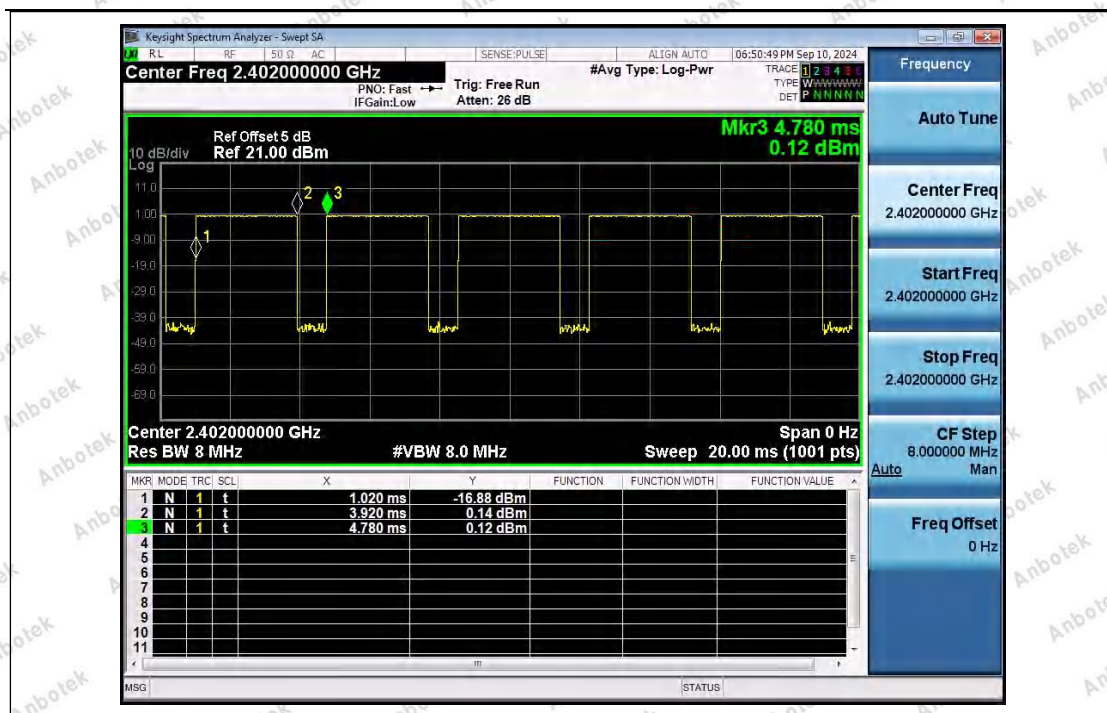
Report No.:	1819C40036112501	Test Sample No.:	1-2-2
Start Test Date:	2024.9.10	Finish Test Date:	2024.9.10
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25℃	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A: Duty Cycle

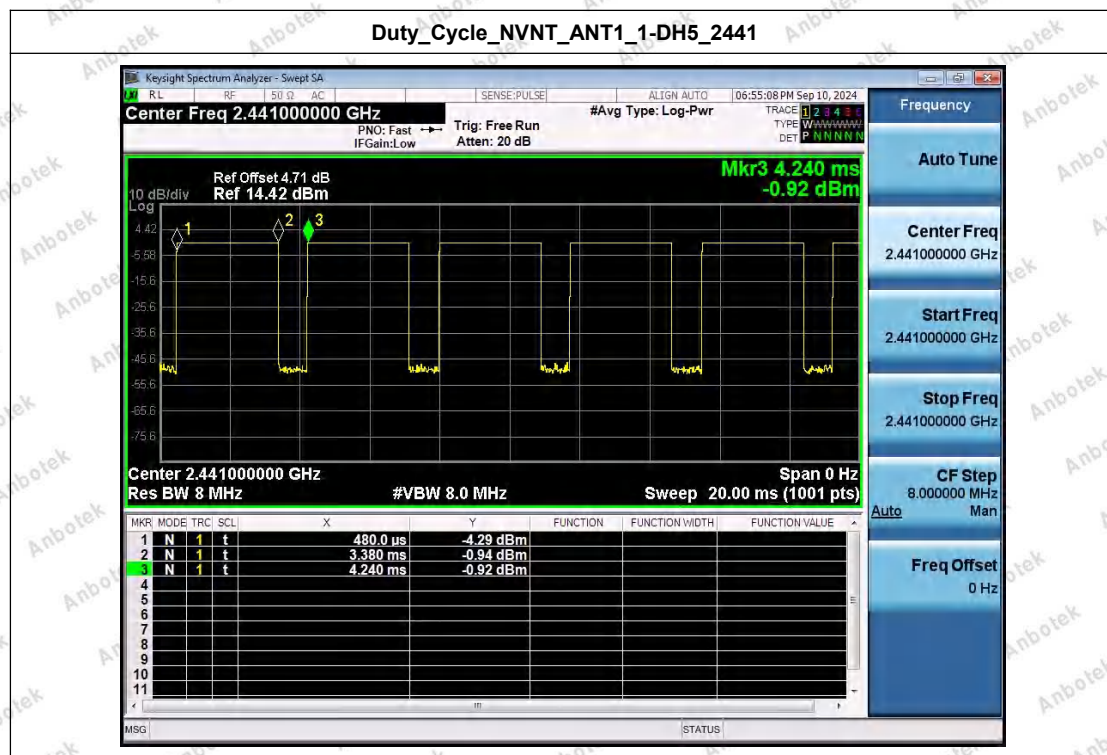
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH5	2402.00	77.66	1.10
NVNT	ANT1	1-DH5	2441.00	77.13	1.13
NVNT	ANT1	1-DH5	2480.00	77.66	1.10
NVNT	ANT1	2-DH5	2402.00	77.66	1.10
NVNT	ANT1	2-DH5	2441.00	78.07	1.07
NVNT	ANT1	2-DH5	2480.00	78.07	1.07
NVNT	ANT1	3-DH5	2402.00	77.66	1.10
NVNT	ANT1	3-DH5	2441.00	78.07	1.07
NVNT	ANT1	3-DH5	2480.00	77.54	1.10

Duty_Cycle_NVNT_ANT1_1-DH5_2402



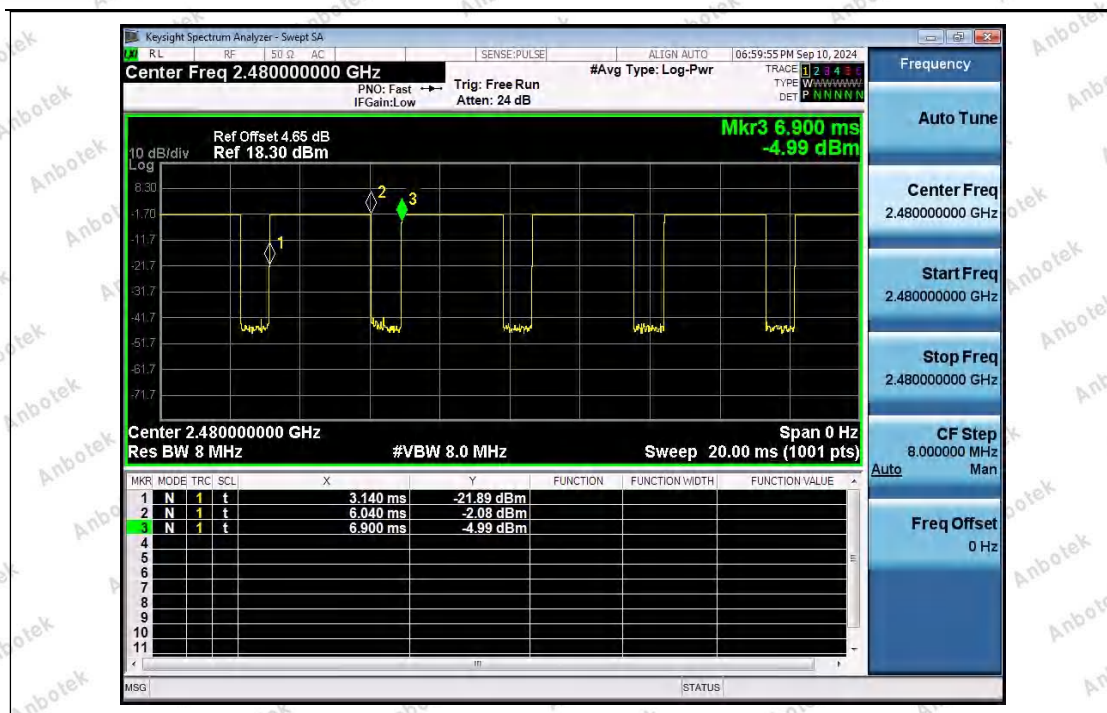


Duty_Cycle_NVNT_ANT1_1-DH5_2441

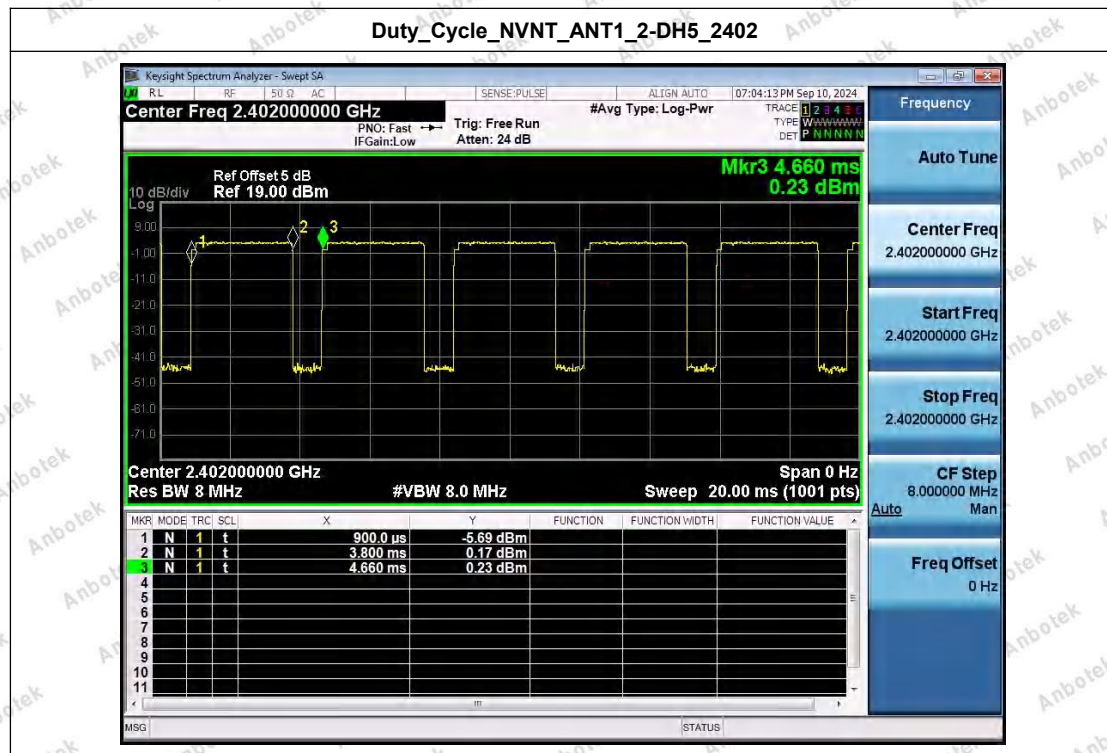


Duty_Cycle_NVNT_ANT1_1-DH5_2480



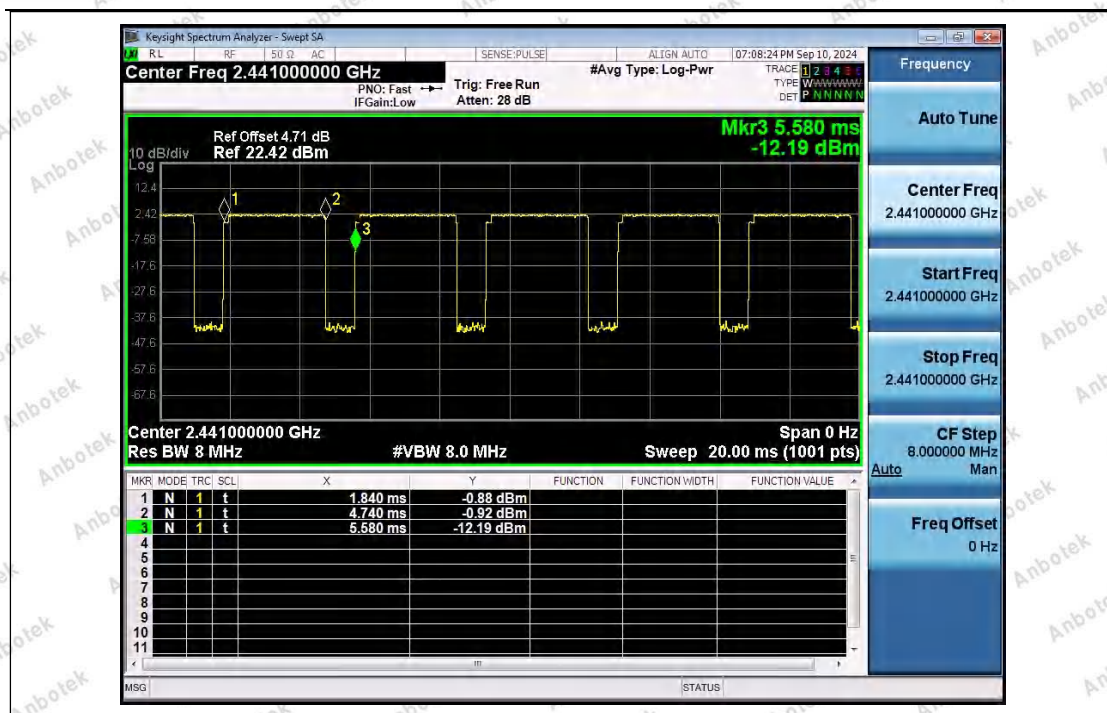


Duty_Cycle_NVNT_ANT1_2-DH5_2402

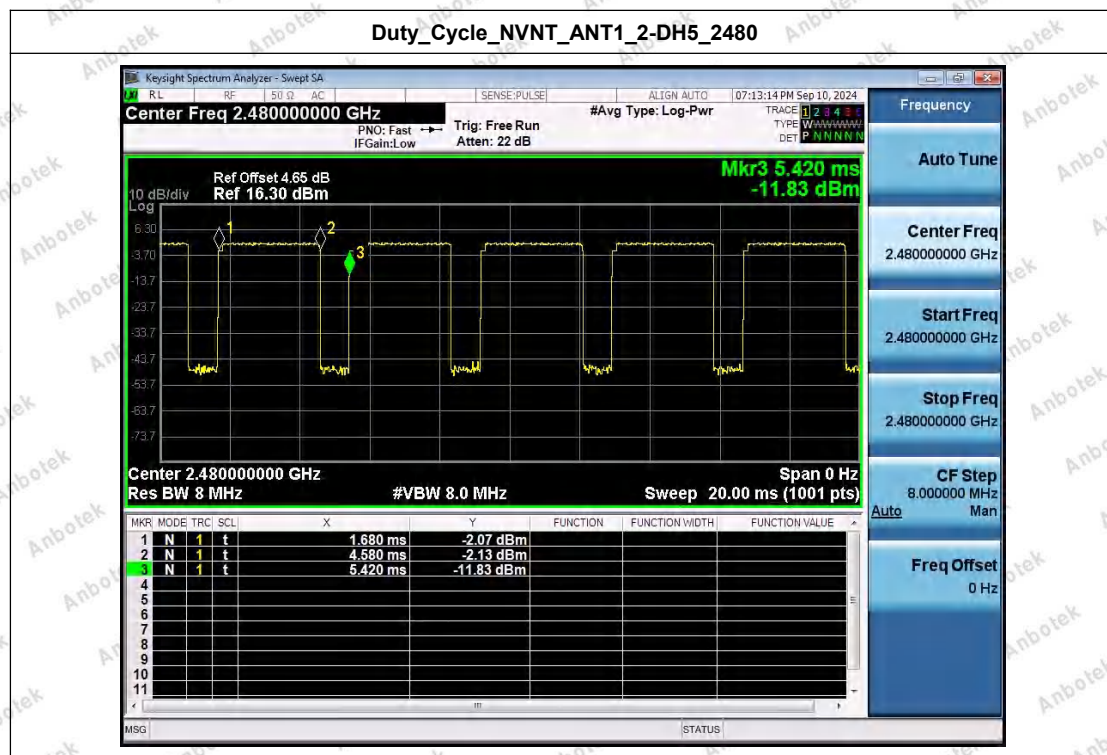


Duty_Cycle_NVNT_ANT1_2-DH5_2441



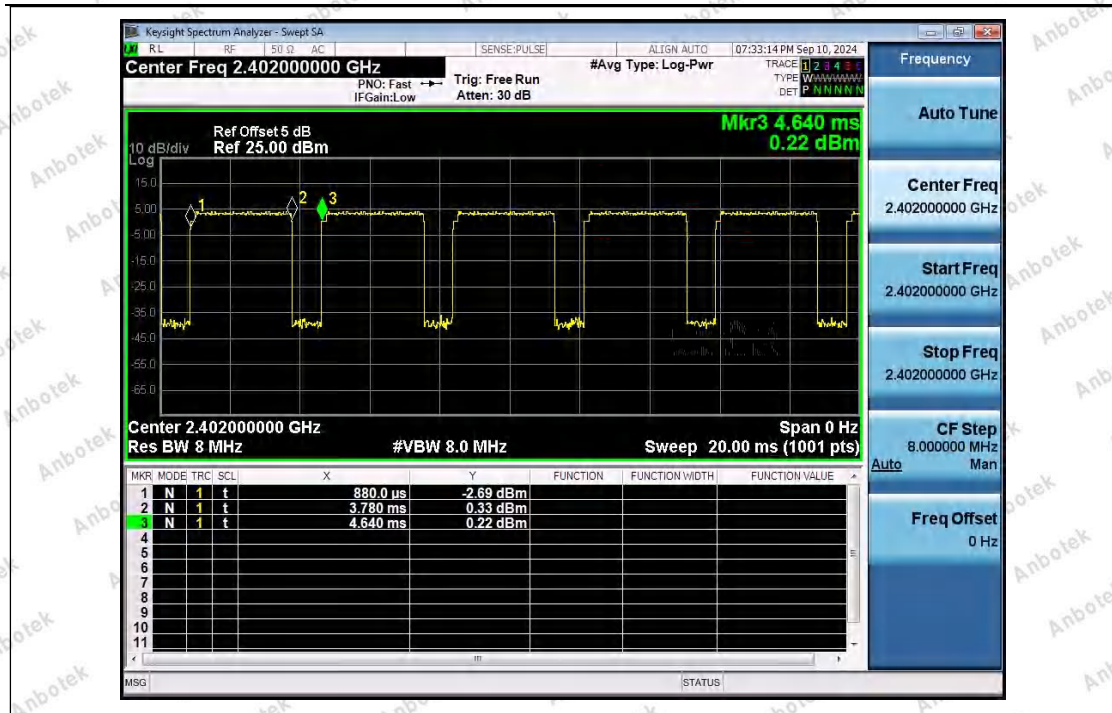


Duty_Cycle_NVNT_ANT1_2-DH5_2480

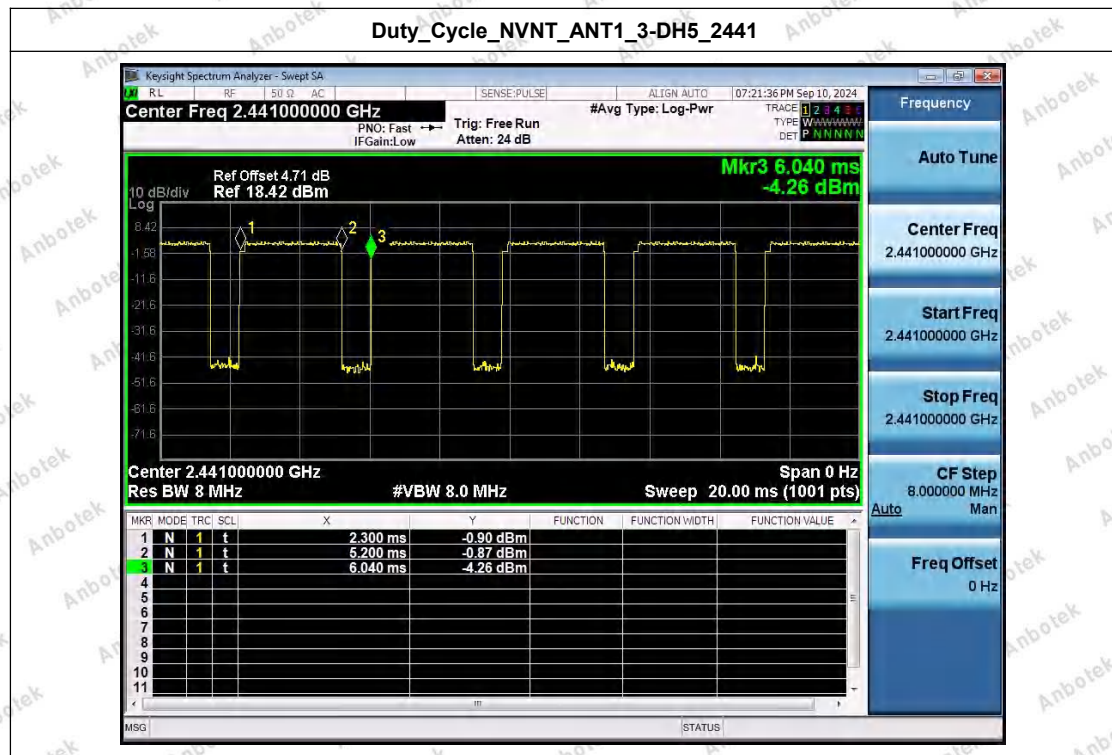


Duty_Cycle_NVNT_ANT1_3-DH5_2402



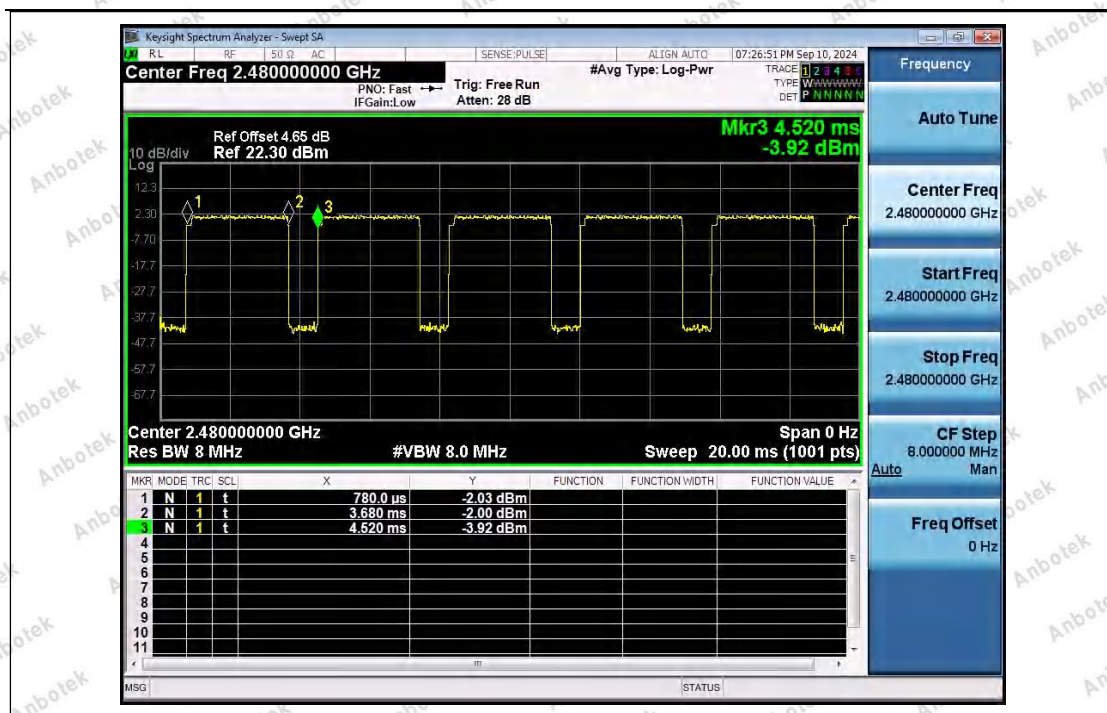


Duty_Cycle_NVNT_ANT1_3-DH5_2441



Duty_Cycle_NVNT_ANT1_3-DH5_2480

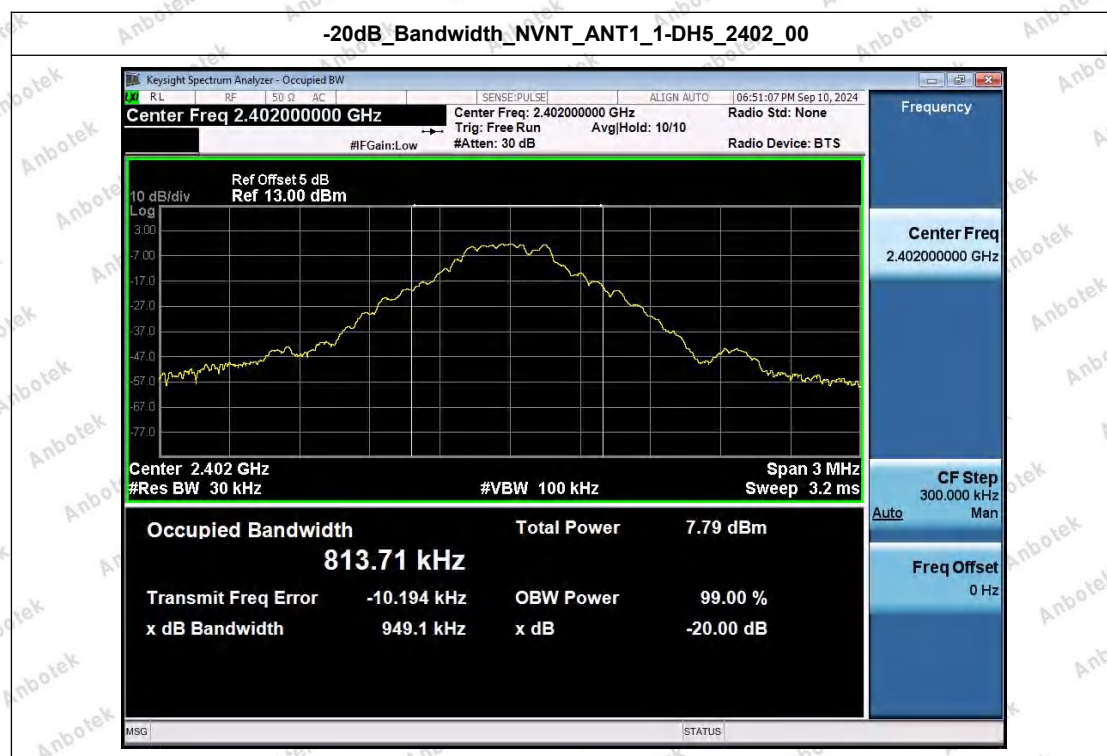




Appendix B: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	0.949	No
NVNT	ANT1	1-DH5	2441.00	0.952	No
NVNT	ANT1	1-DH5	2480.00	0.950	No
NVNT	ANT1	2-DH5	2402.00	1.323	Yes
NVNT	ANT1	2-DH5	2441.00	1.323	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	1.290	Yes
NVNT	ANT1	3-DH5	2480.00	1.292	Yes
NVNT	ANT1	1-DH1	2441.00	0.930	No
NVNT	ANT1	1-DH3	2441.00	0.951	No
NVNT	ANT1	2-DH1	2441.00	1.271	Yes
NVNT	ANT1	2-DH3	2441.00	1.320	Yes
NVNT	ANT1	3-DH1	2441.00	1.218	Yes
NVNT	ANT1	3-DH3	2441.00	1.289	Yes

-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402_00

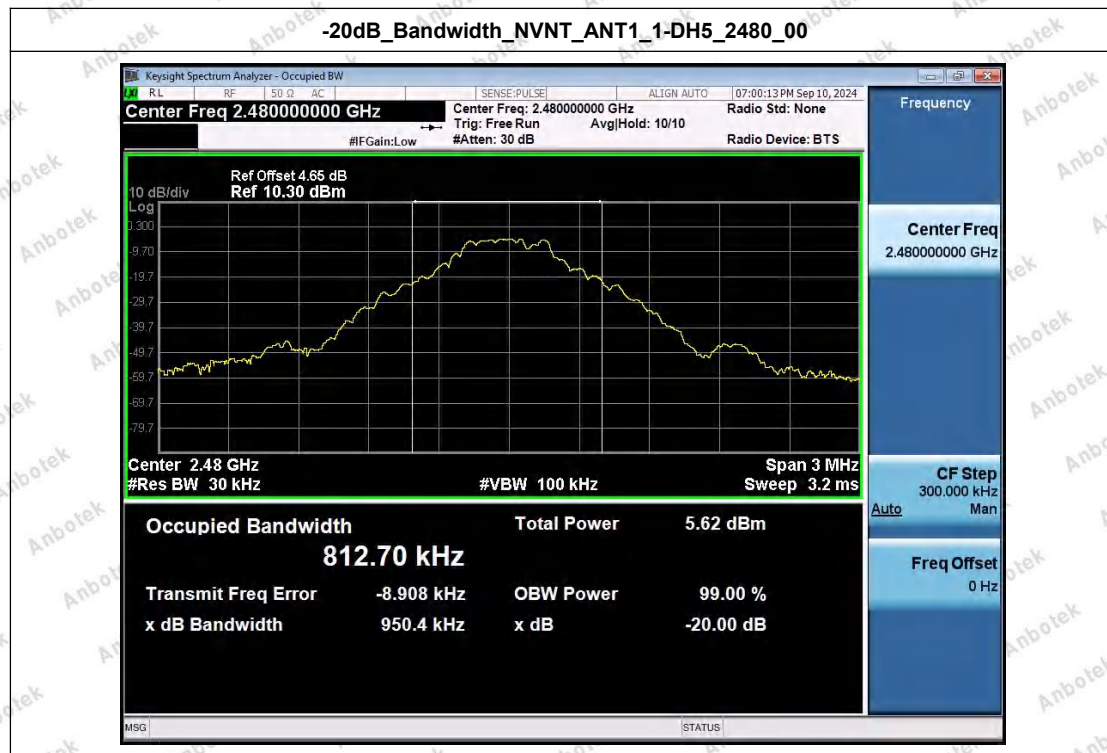


-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441_00





-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480_00

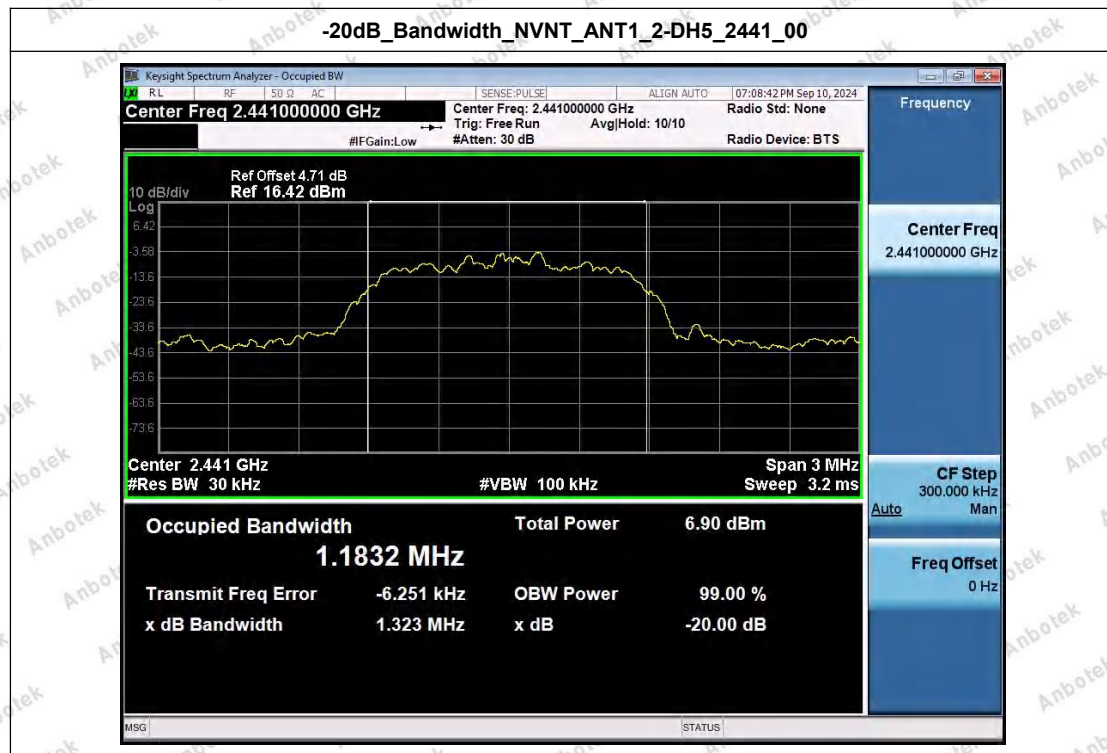


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00



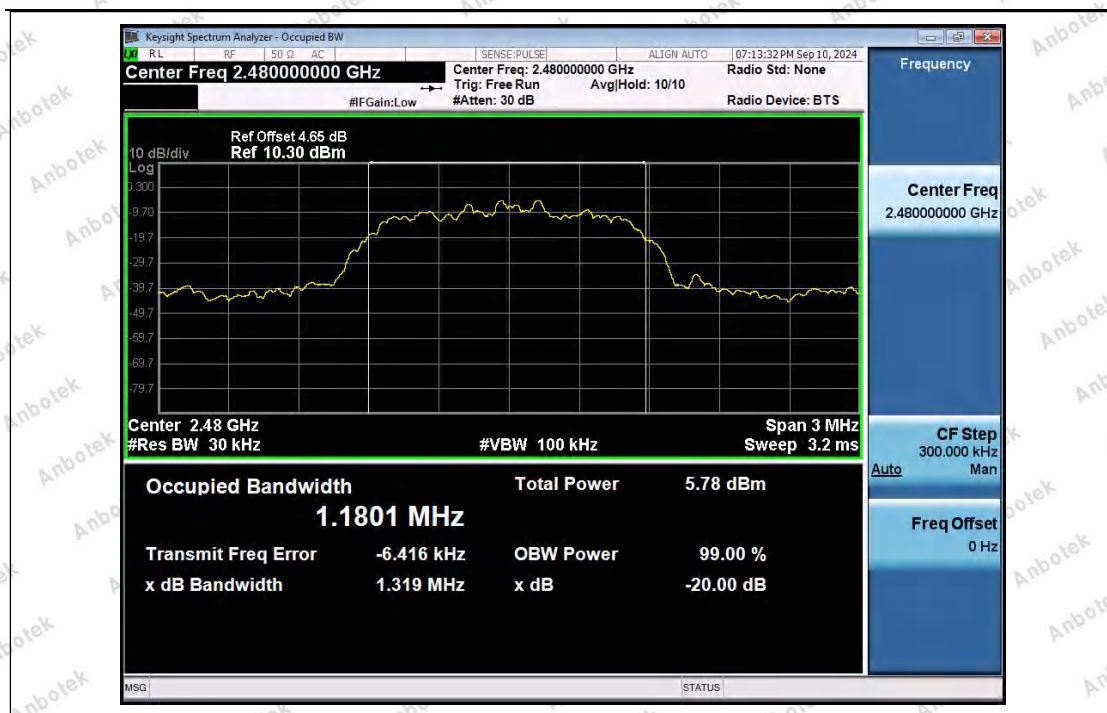


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00

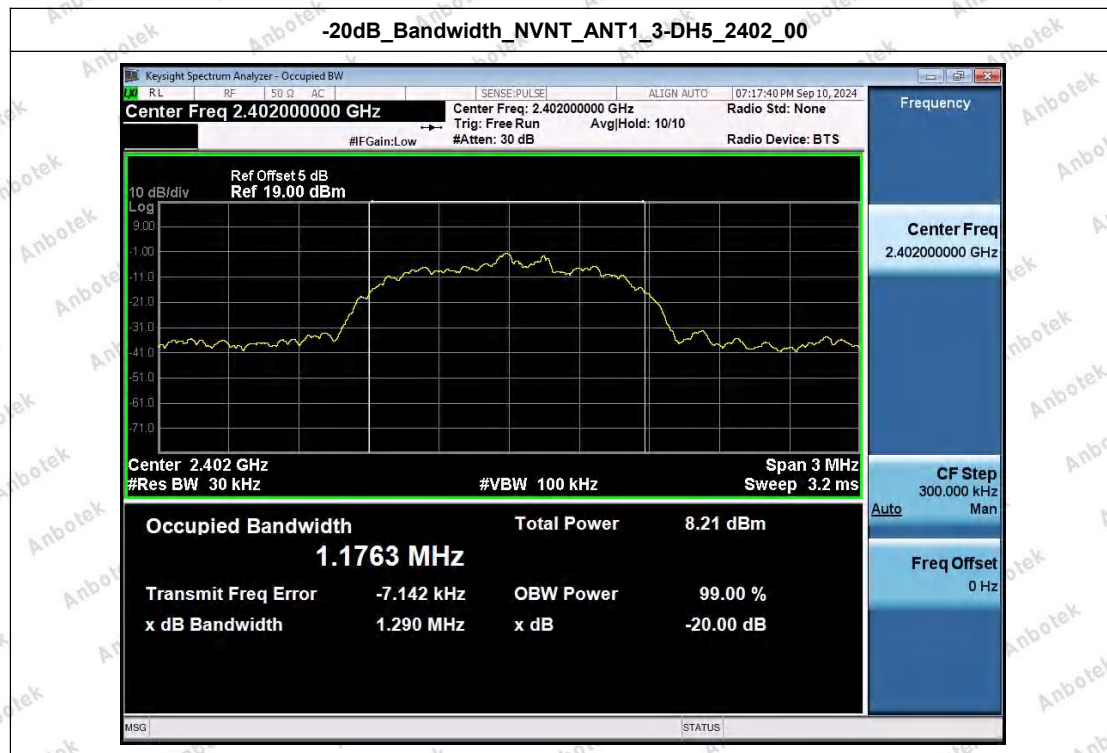


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00





-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00

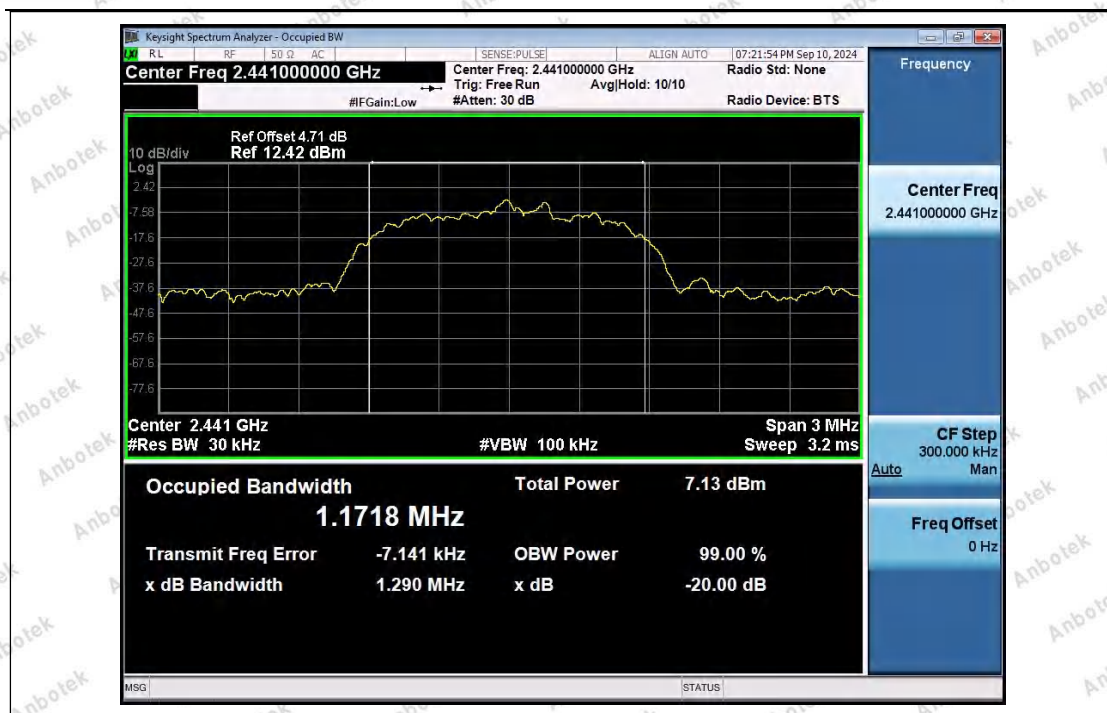
Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com

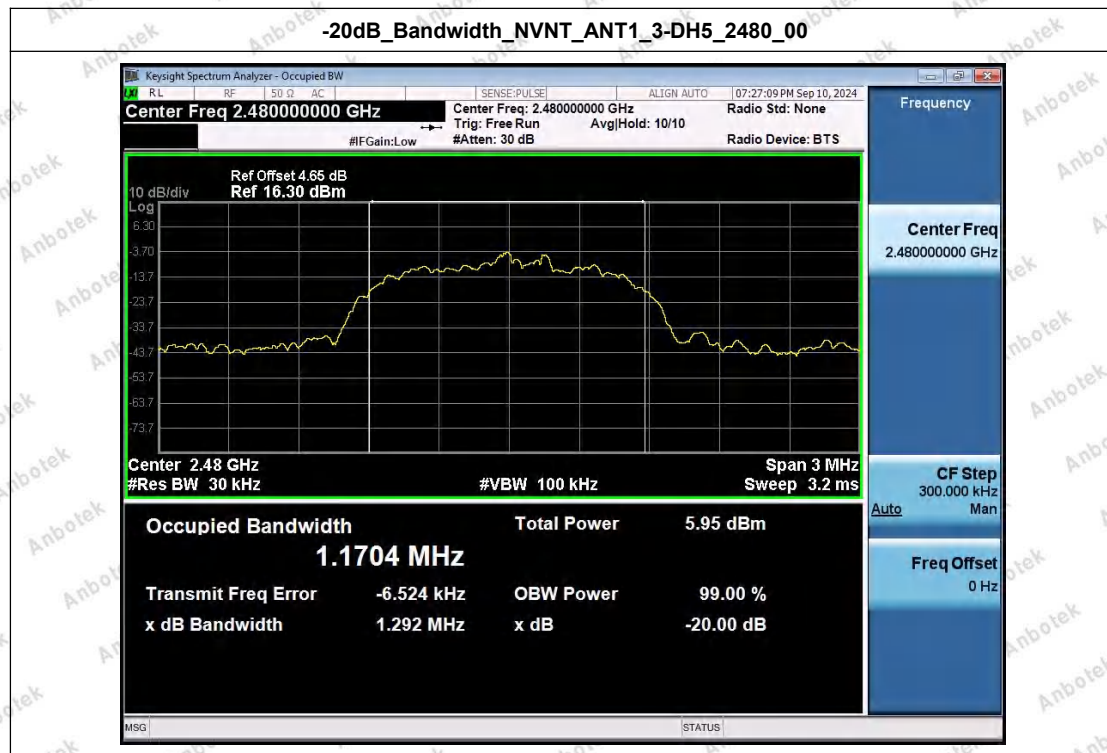


Hotline
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-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480_00



-20dB_Bandwidth_NVNT_ANT1_1-DH1_2441_00

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

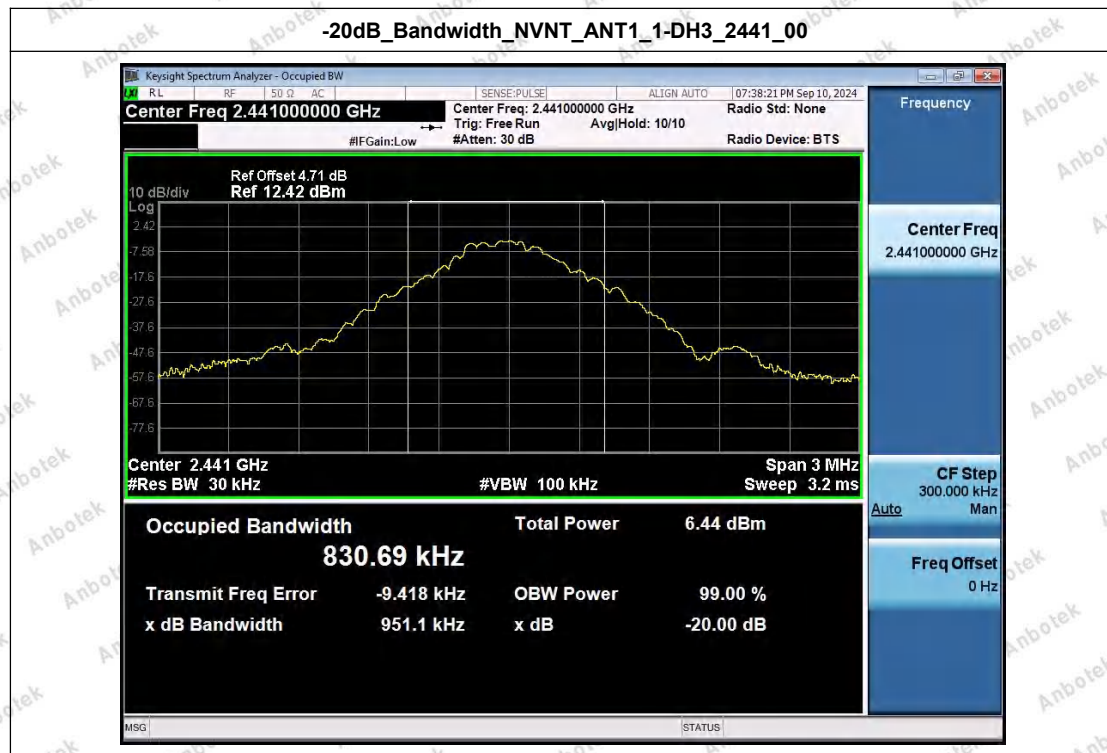


Hotline
400-003-0500
www.anbotek.com





-20dB_Bandwidth_NVNT_ANT1_1-DH3_2441_00

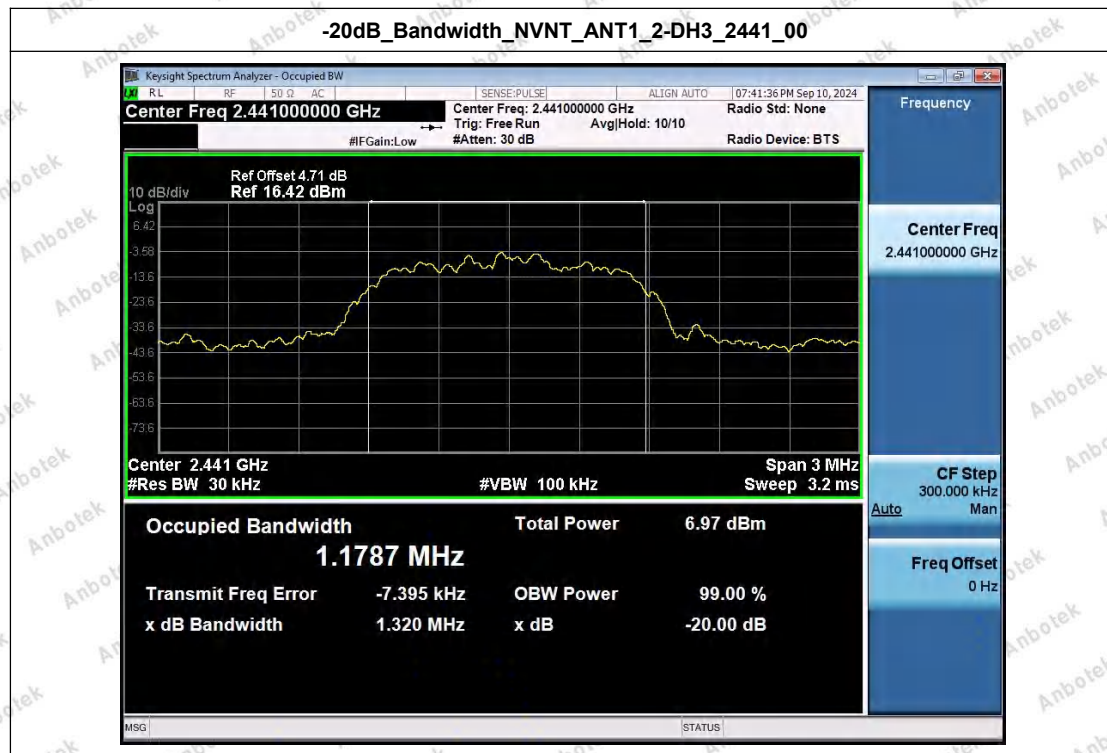


-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00



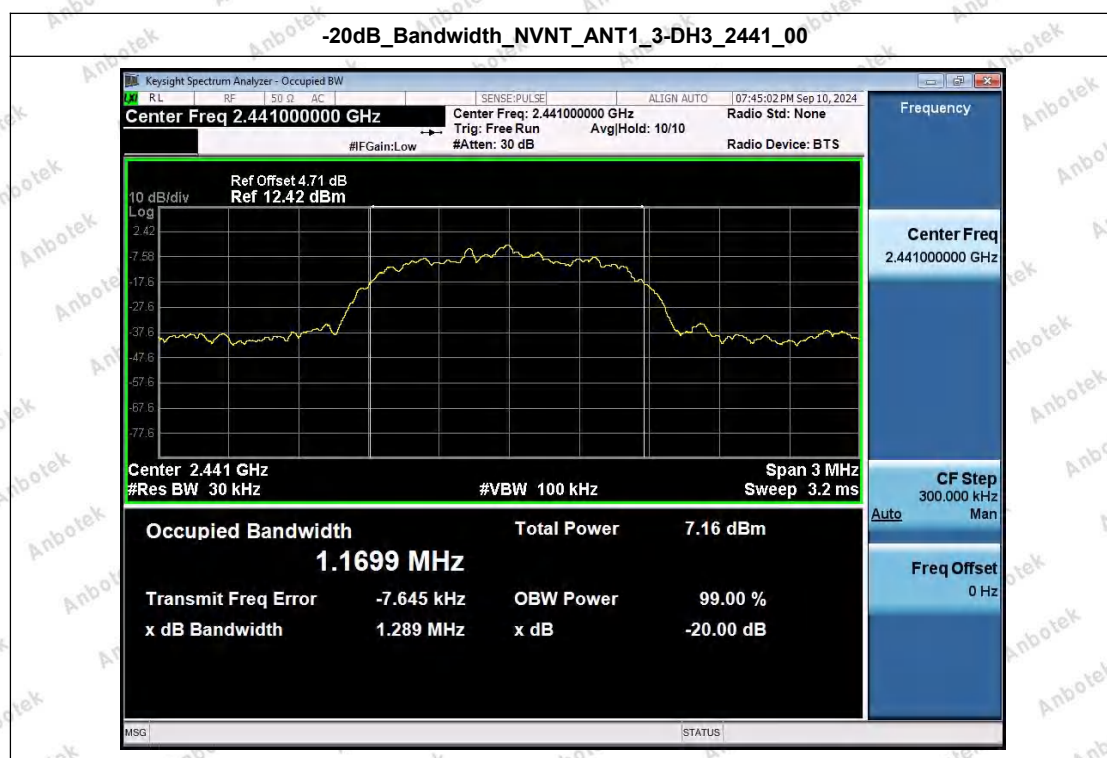


-20dB_Bandwidth_NVNT_ANT1_2-DH3_2441_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

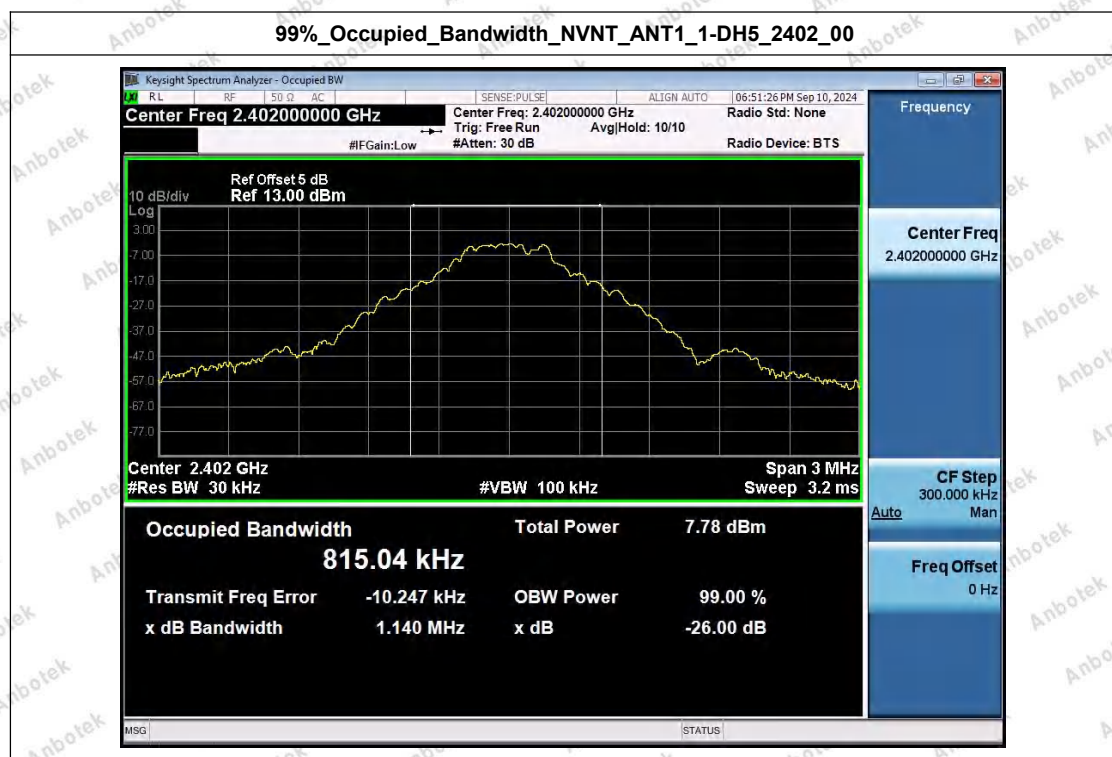




Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.815
NVNT	ANT1	1-DH5	2441.00	0.813
NVNT	ANT1	1-DH5	2480.00	0.815
NVNT	ANT1	2-DH5	2402.00	1.185
NVNT	ANT1	2-DH5	2441.00	1.185
NVNT	ANT1	2-DH5	2480.00	1.180
NVNT	ANT1	3-DH5	2402.00	1.176
NVNT	ANT1	3-DH5	2441.00	1.172
NVNT	ANT1	3-DH5	2480.00	1.169

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402_00

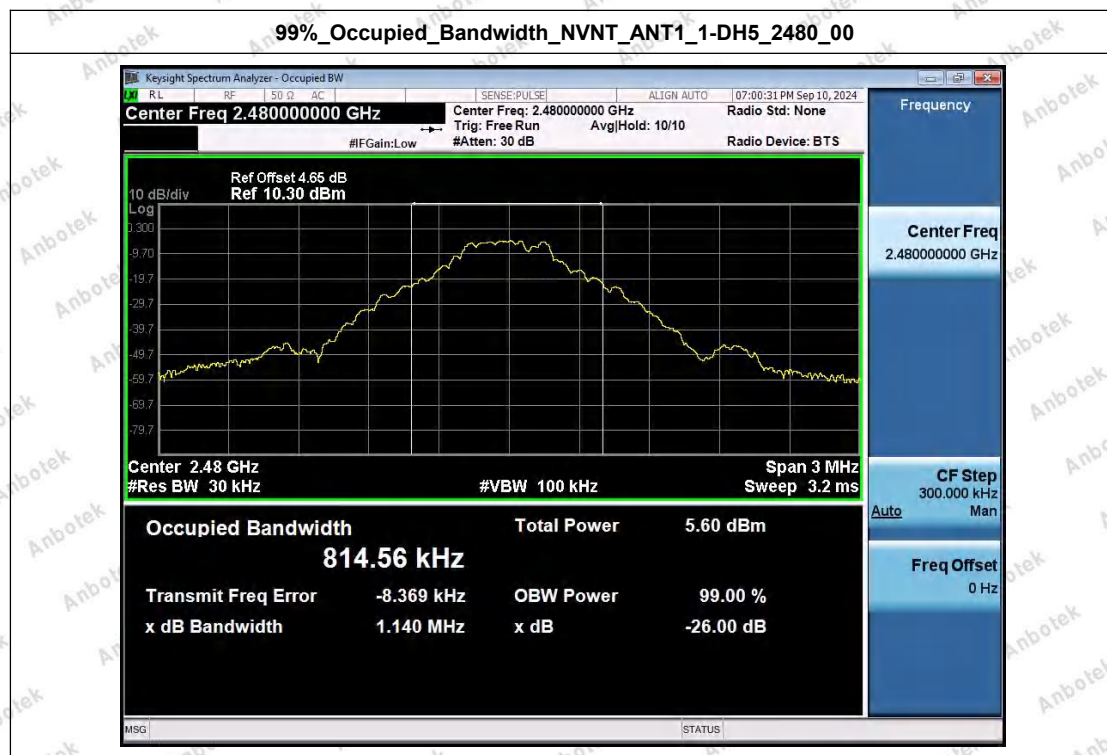


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00





99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00

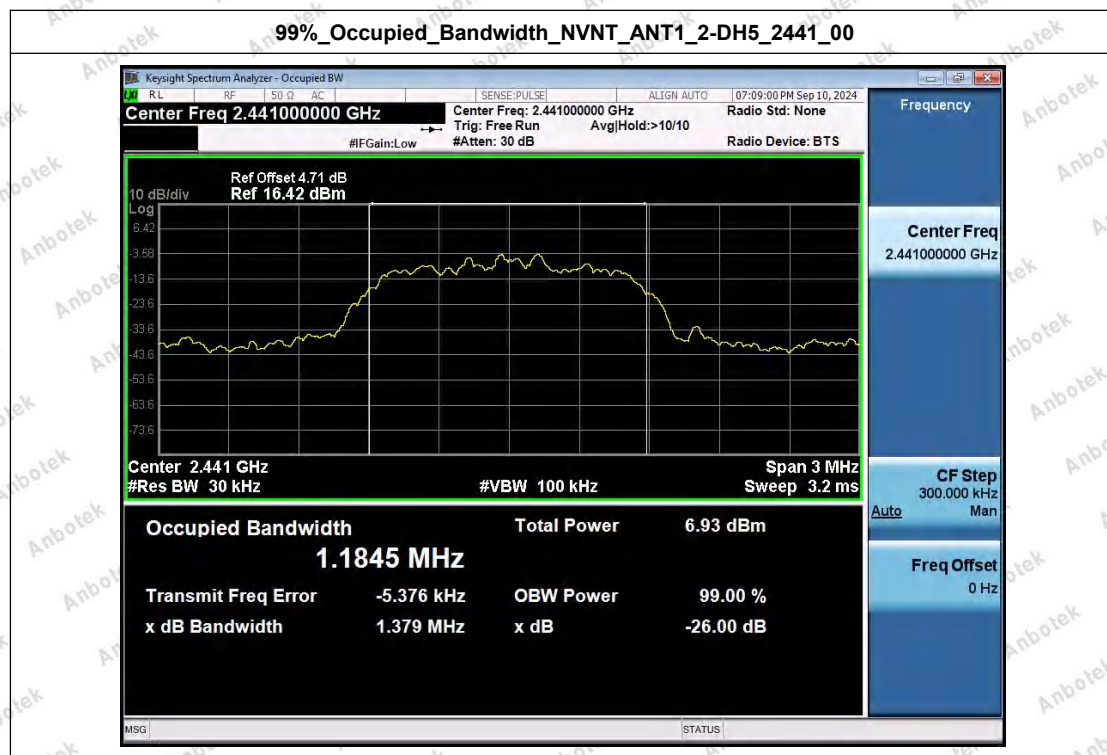


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00





99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00

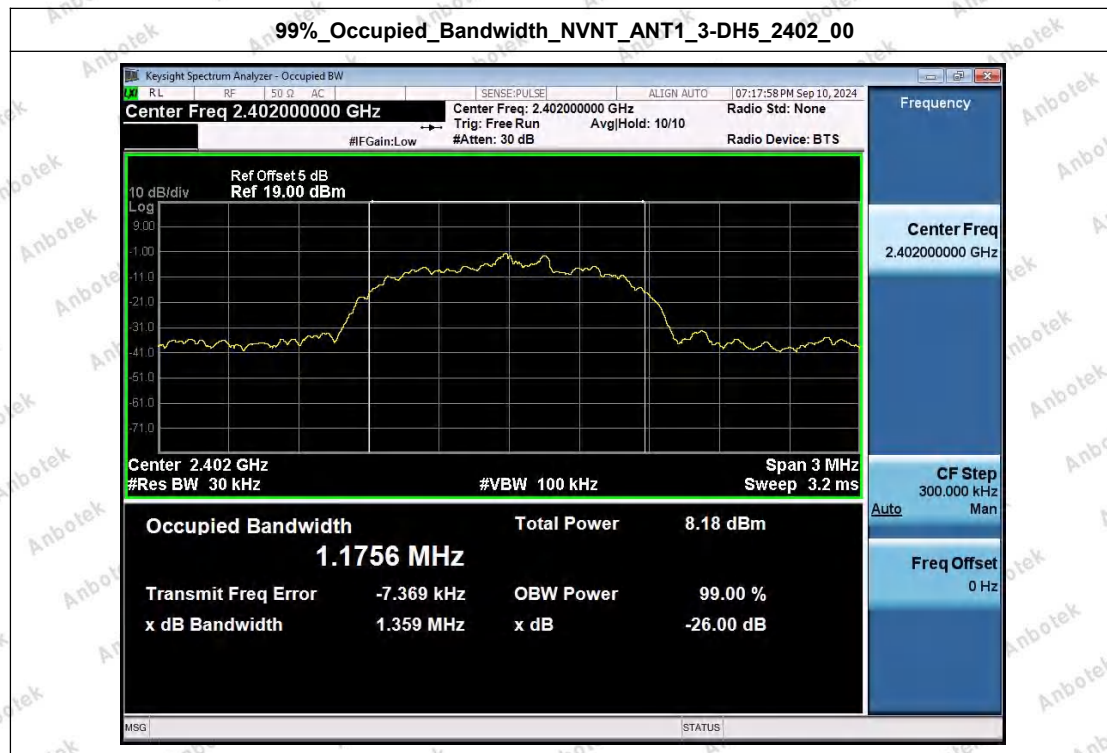


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00





99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402_00

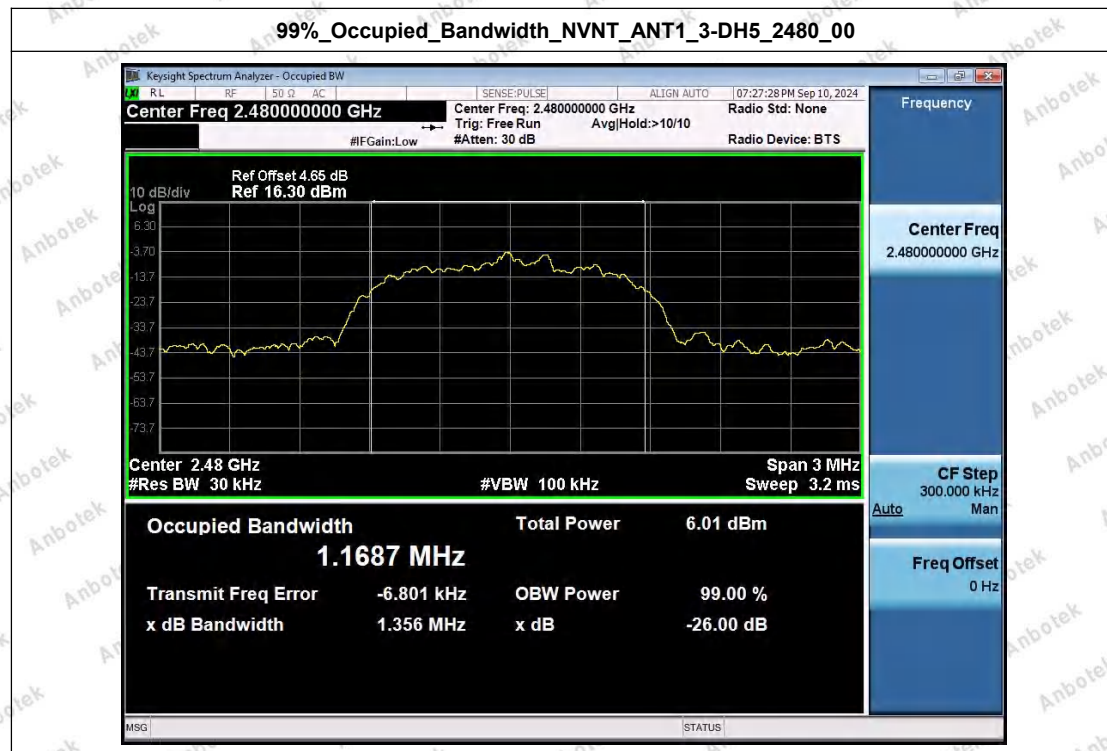


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441_00





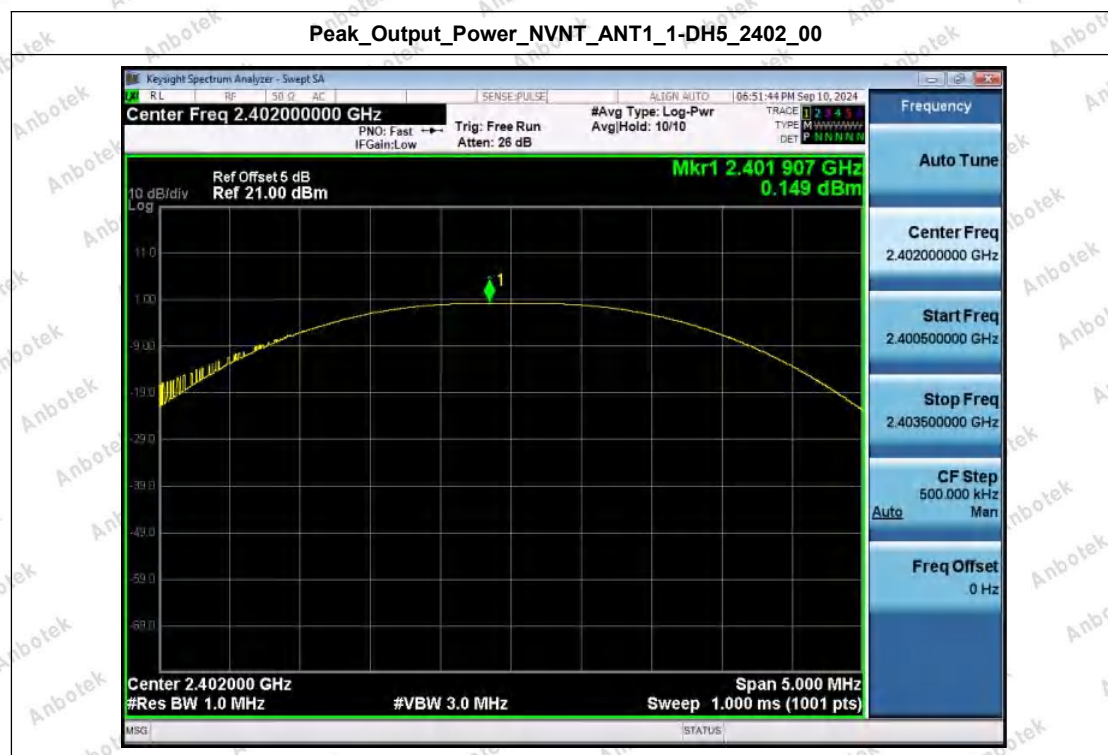
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480_00



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	0.15	1.03	1000	Pass
NVNT	ANT1	1-DH5	2441.00	-0.91	0.81	1000	Pass
NVNT	ANT1	1-DH5	2480.00	-2.05	0.62	1000	Pass
NVNT	ANT1	2-DH5	2402.00	3.32	2.15	125	Pass
NVNT	ANT1	2-DH5	2441.00	2.20	1.66	125	Pass
NVNT	ANT1	2-DH5	2480.00	1.06	1.28	125	Pass
NVNT	ANT1	3-DH5	2402.00	3.91	2.46	125	Pass
NVNT	ANT1	3-DH5	2441.00	2.83	1.92	125	Pass
NVNT	ANT1	3-DH5	2480.00	1.67	1.47	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH5_2402_00

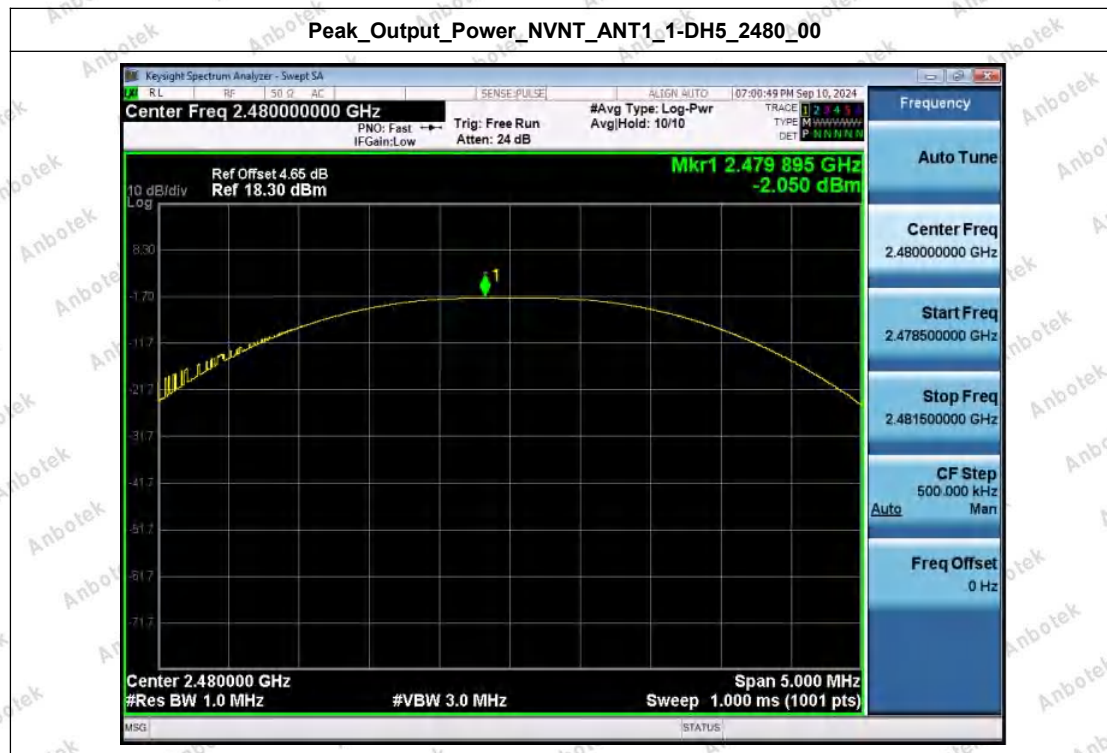


Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00





Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00

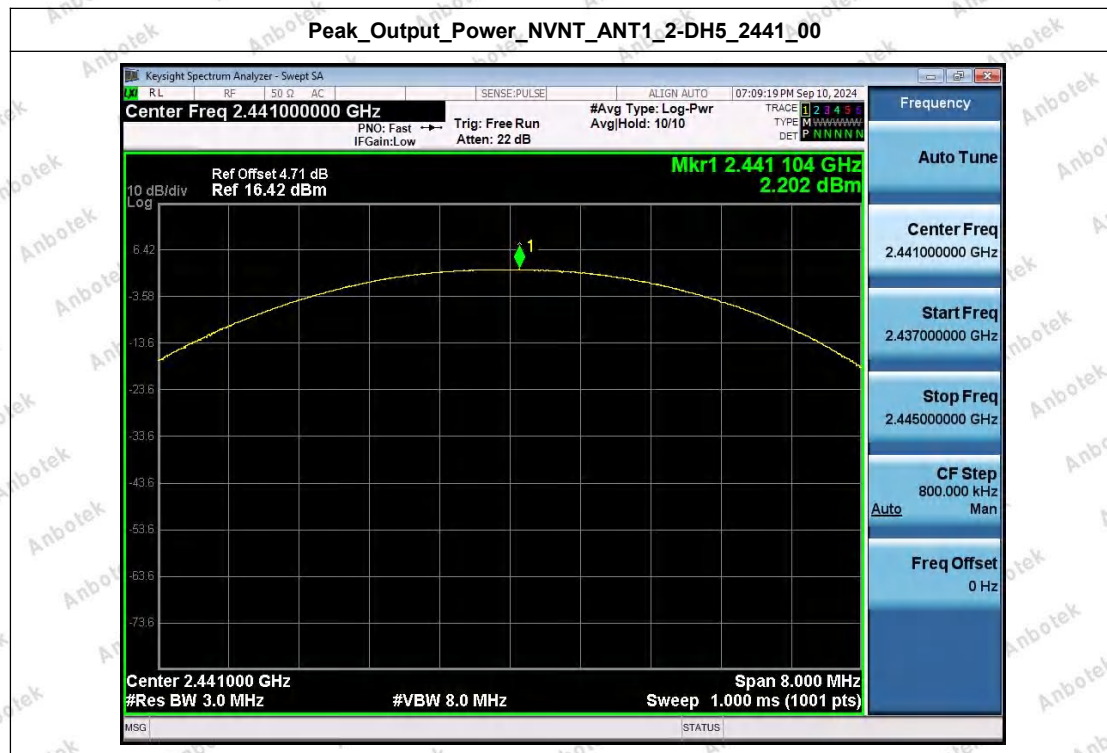


Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00





Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00

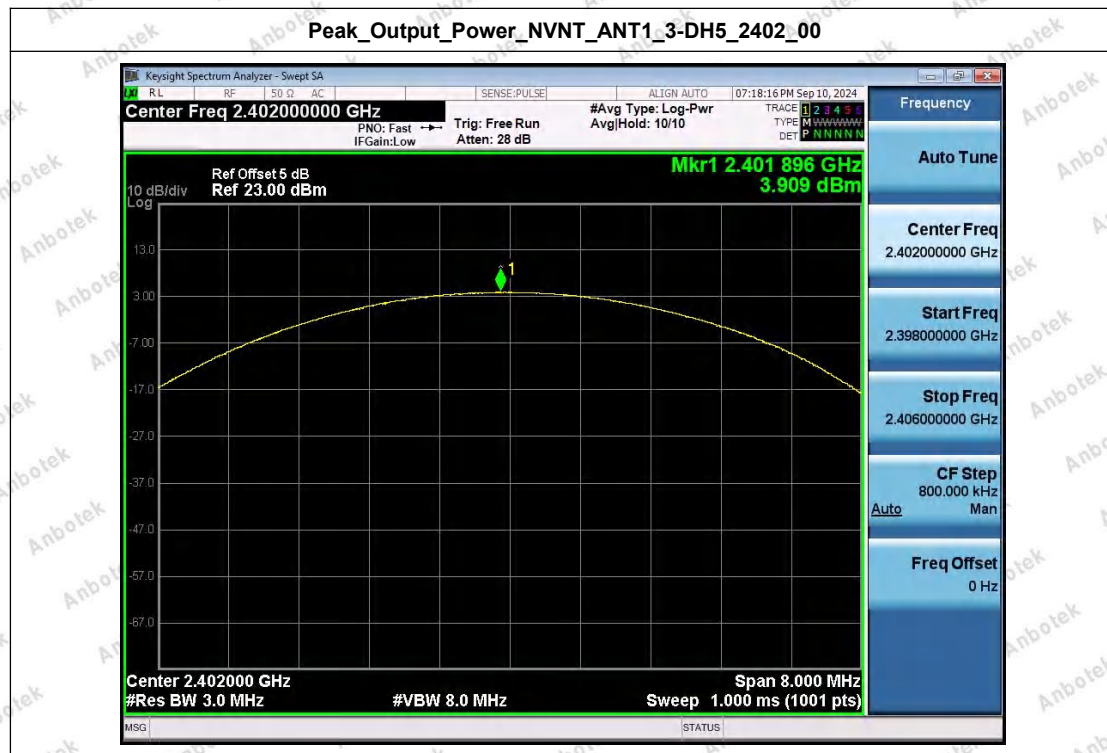


Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00



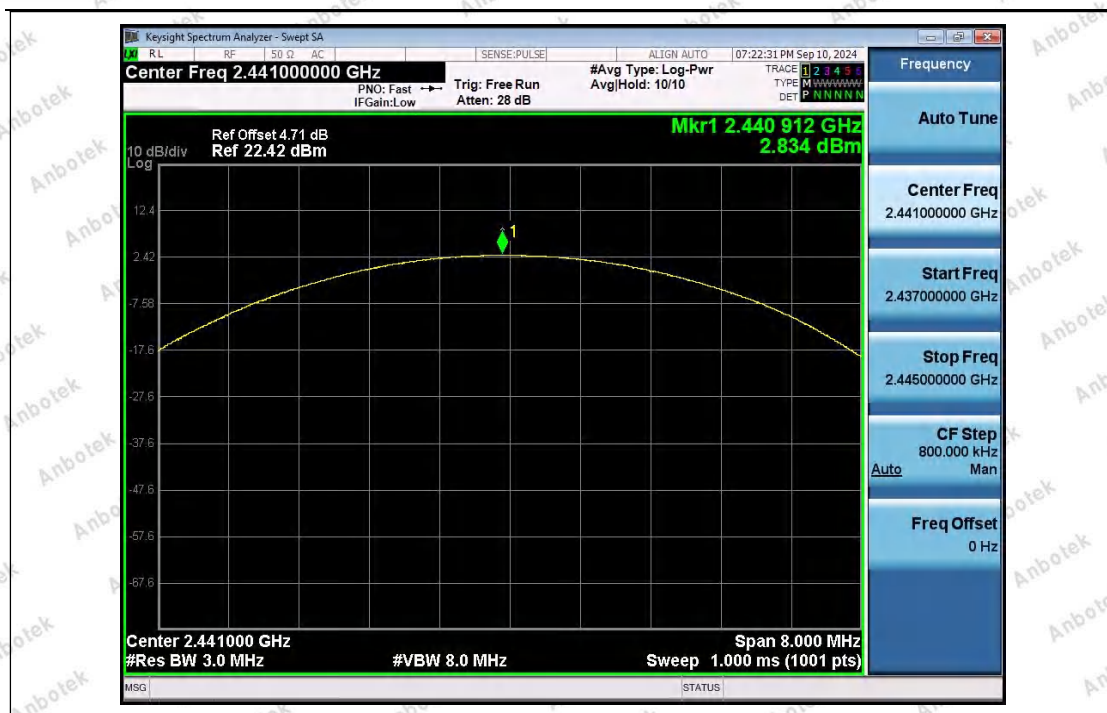


Peak_Output_Power_NVNT_ANT1_3-DH5_2402_00

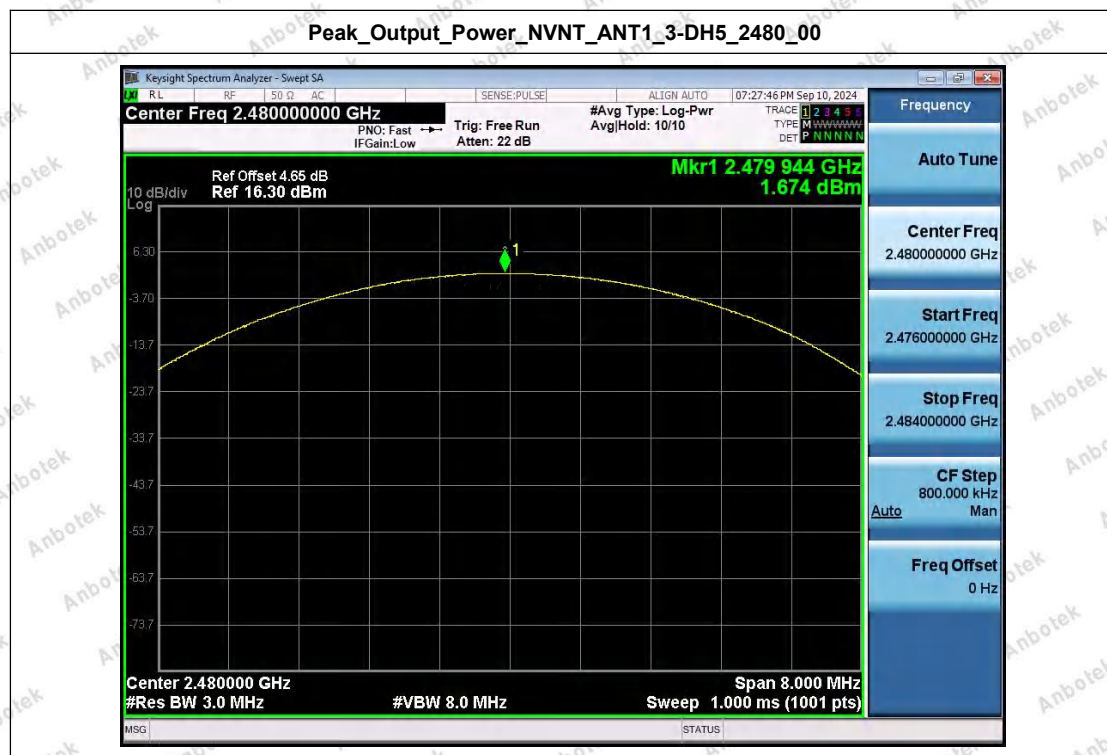


Peak_Output_Power_NVNT_ANT1_3-DH5_2441_00





Peak_Output_Power_NVNT_ANT1_3-DH5_2480_00



Appendix E: Spurious Emissions

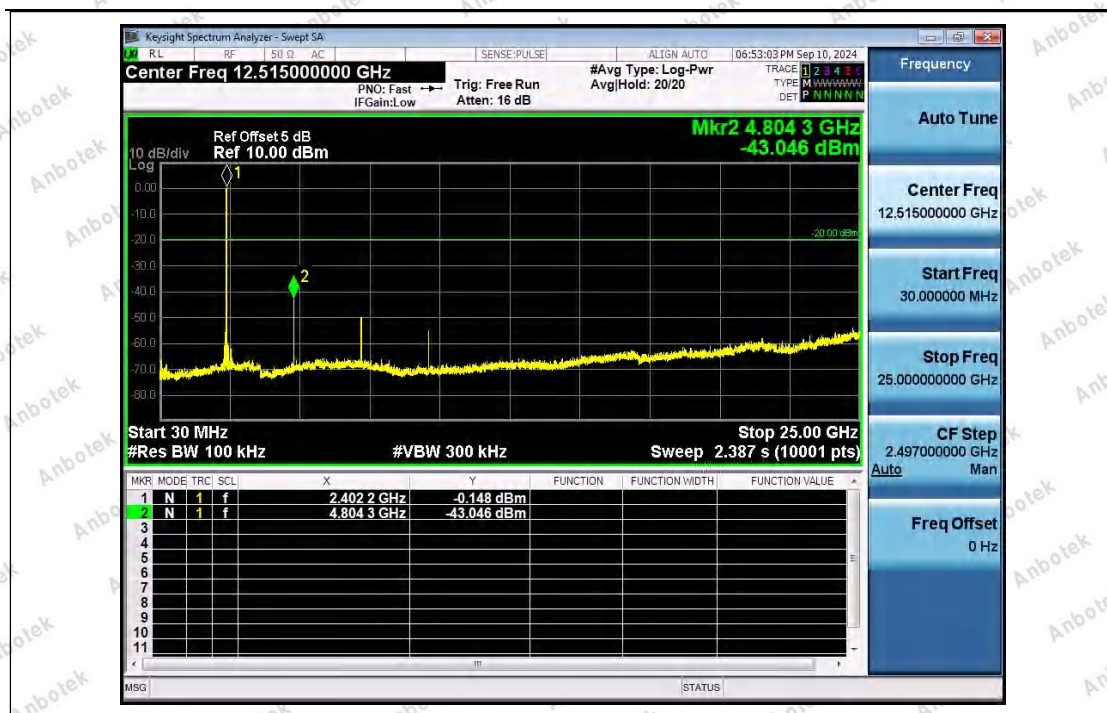
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-43.046	-20.002	Pass
NVNT	ANT1	1-DH5	2441.00	-45.508	-21.047	Pass
NVNT	ANT1	1-DH5	2480.00	-45.075	-22.156	Pass
NVNT	ANT1	2-DH5	2402.00	-43.231	-20.184	Pass
NVNT	ANT1	2-DH5	2441.00	-44.799	-21.239	Pass
NVNT	ANT1	2-DH5	2480.00	-46.052	-22.348	Pass
NVNT	ANT1	3-DH5	2402.00	-41.782	-19.967	Pass
NVNT	ANT1	3-DH5	2441.00	-46.501	-21.095	Pass
NVNT	ANT1	3-DH5	2480.00	-46.201	-22.167	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

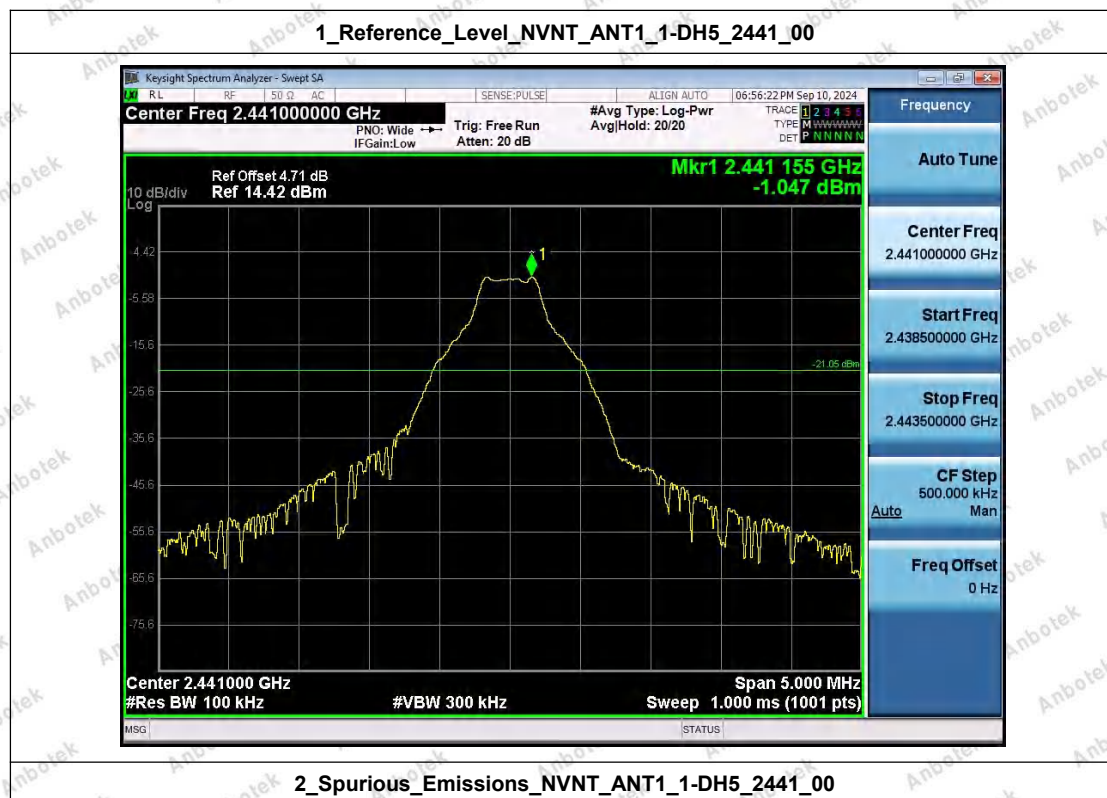


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



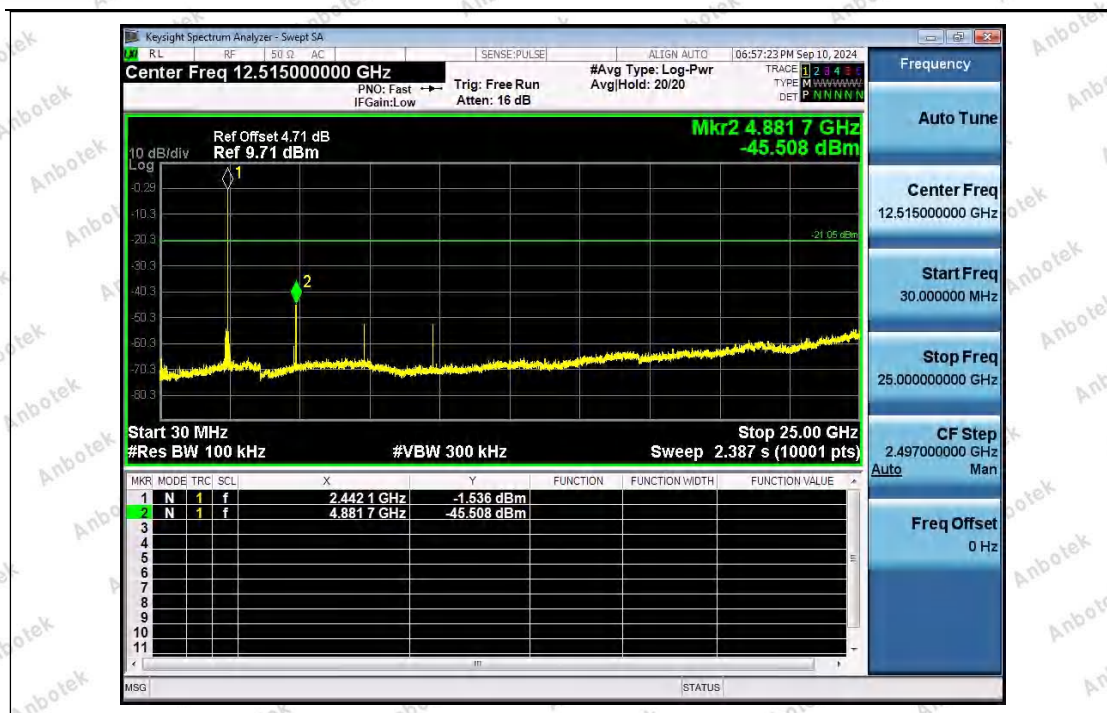


1_Reference_Level_NVNT_ANT1_1-DH5_2441_00

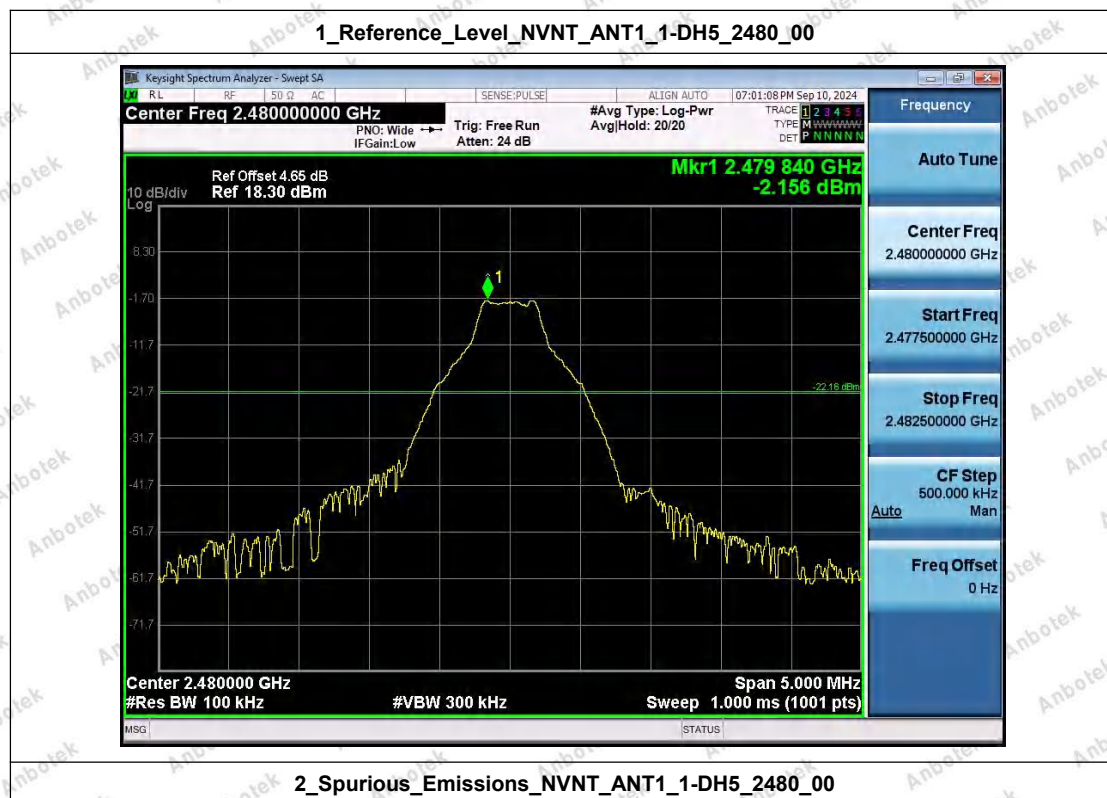


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



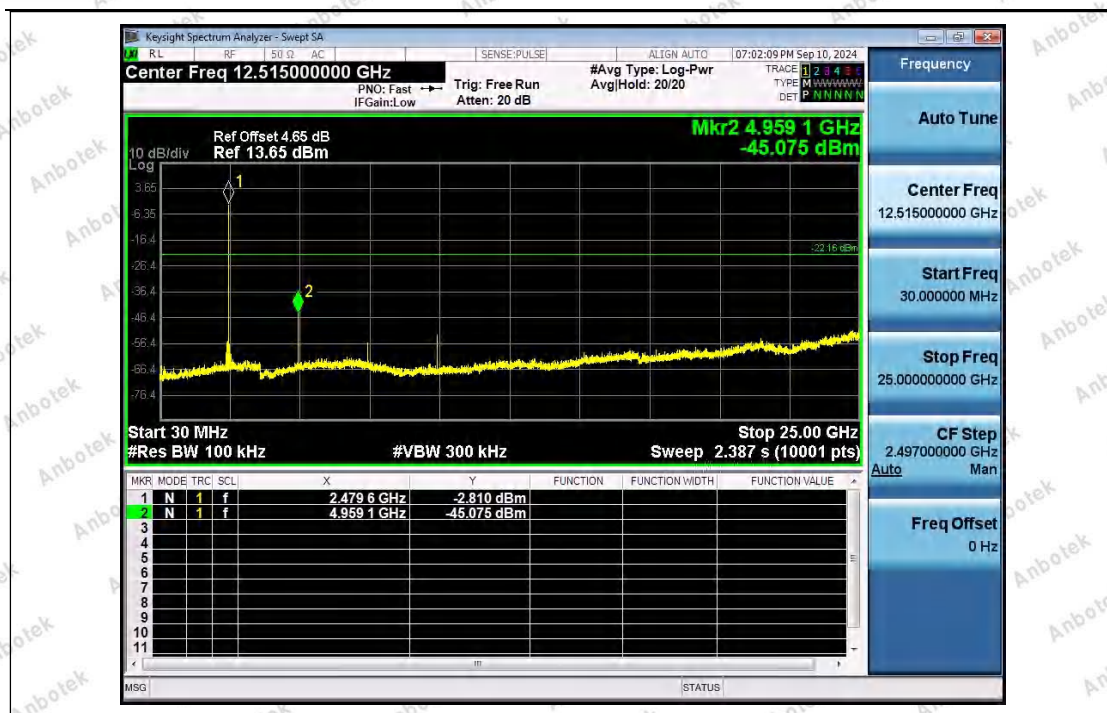


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

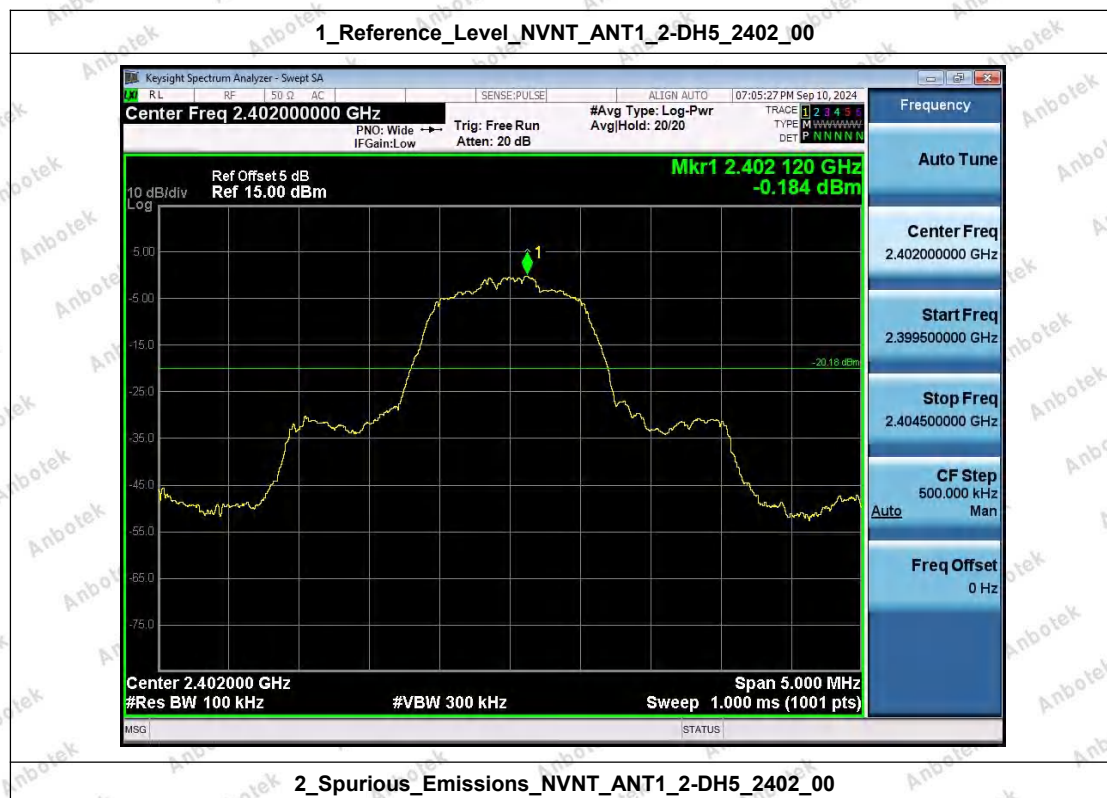


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00



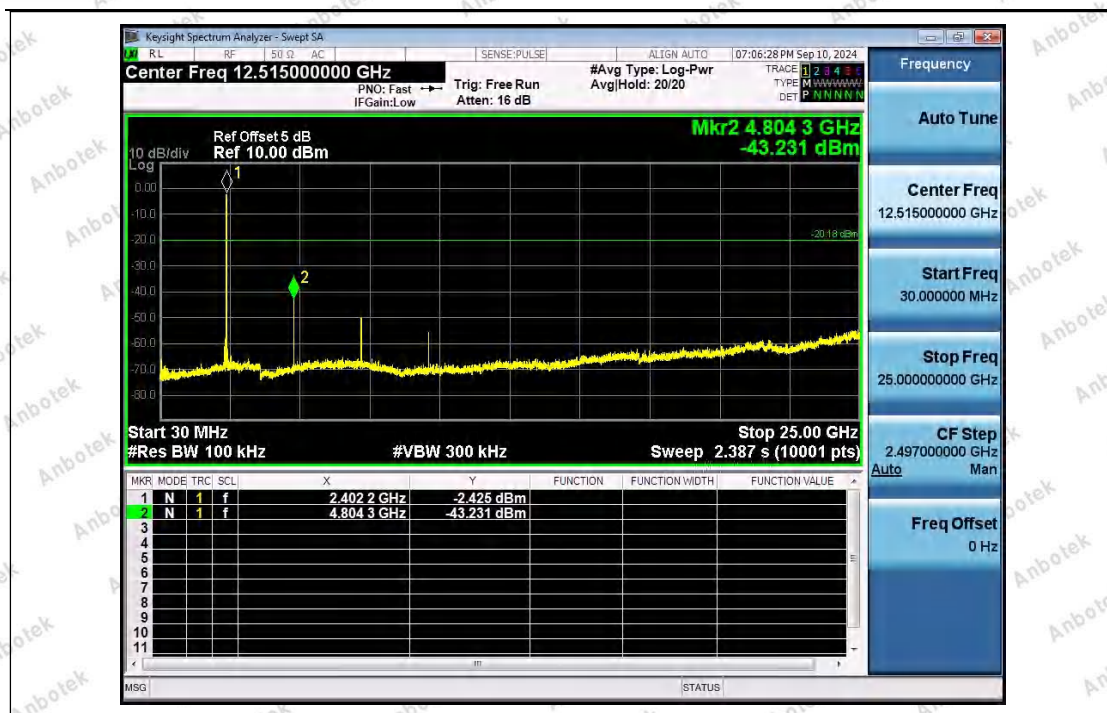


1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

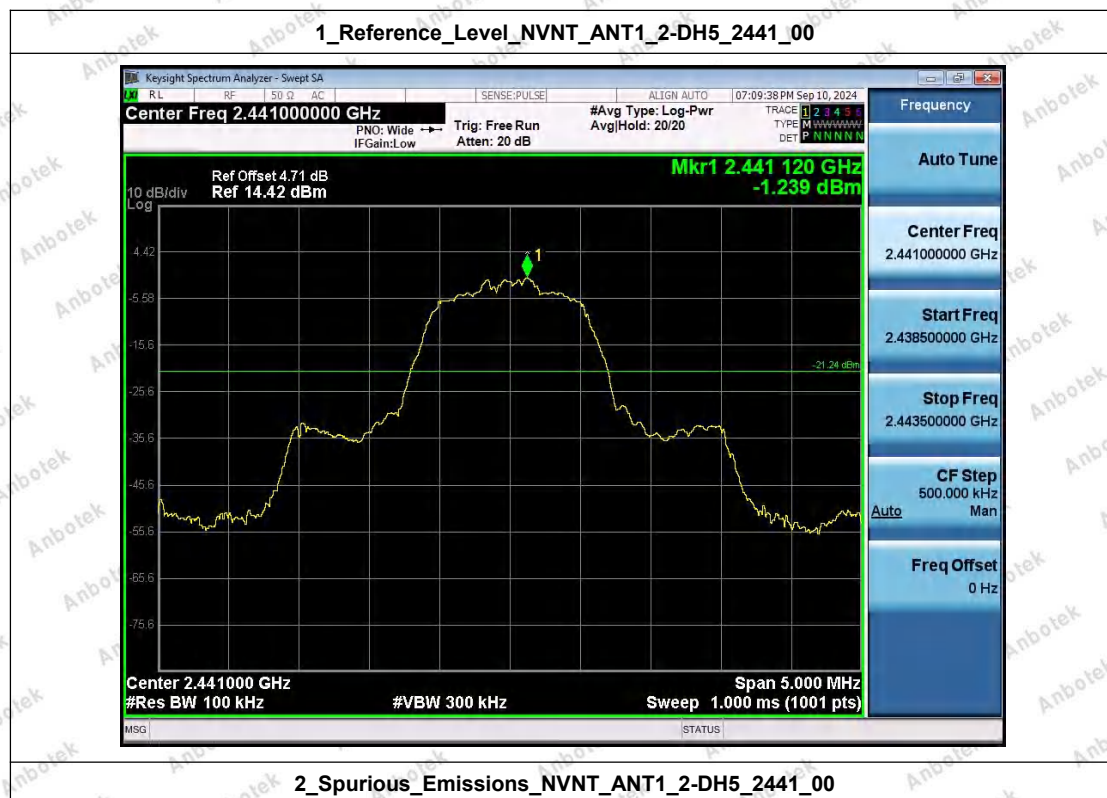


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



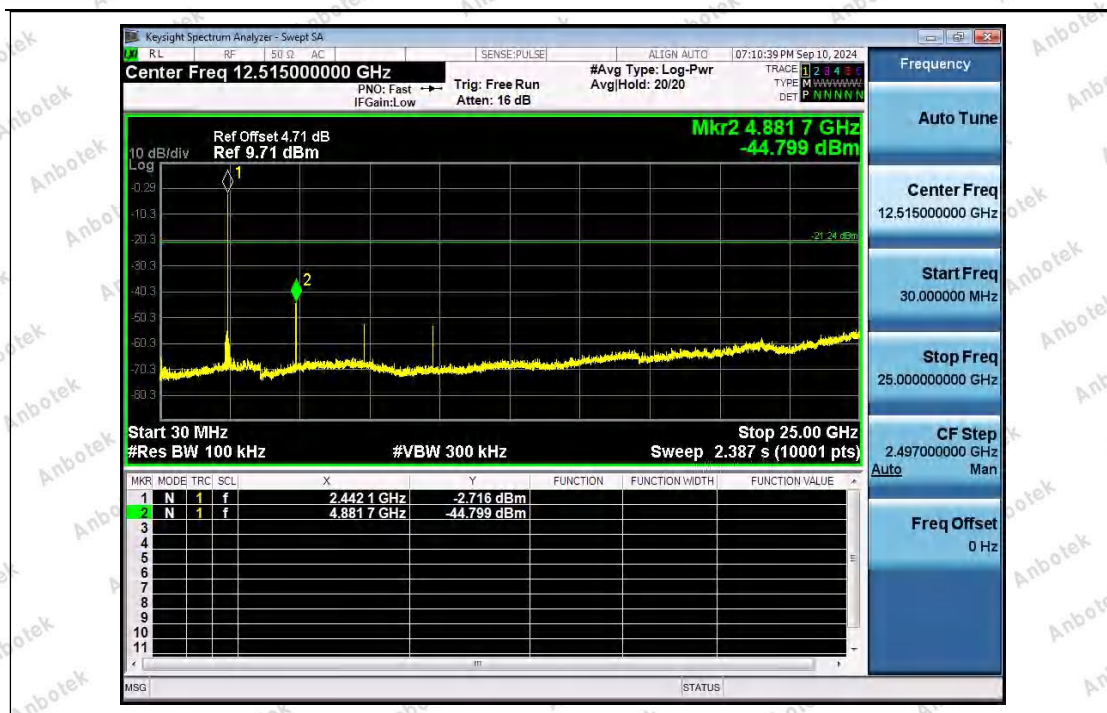


1_Reference_Level_NVNT_ANT1_2-DH5_2441_00

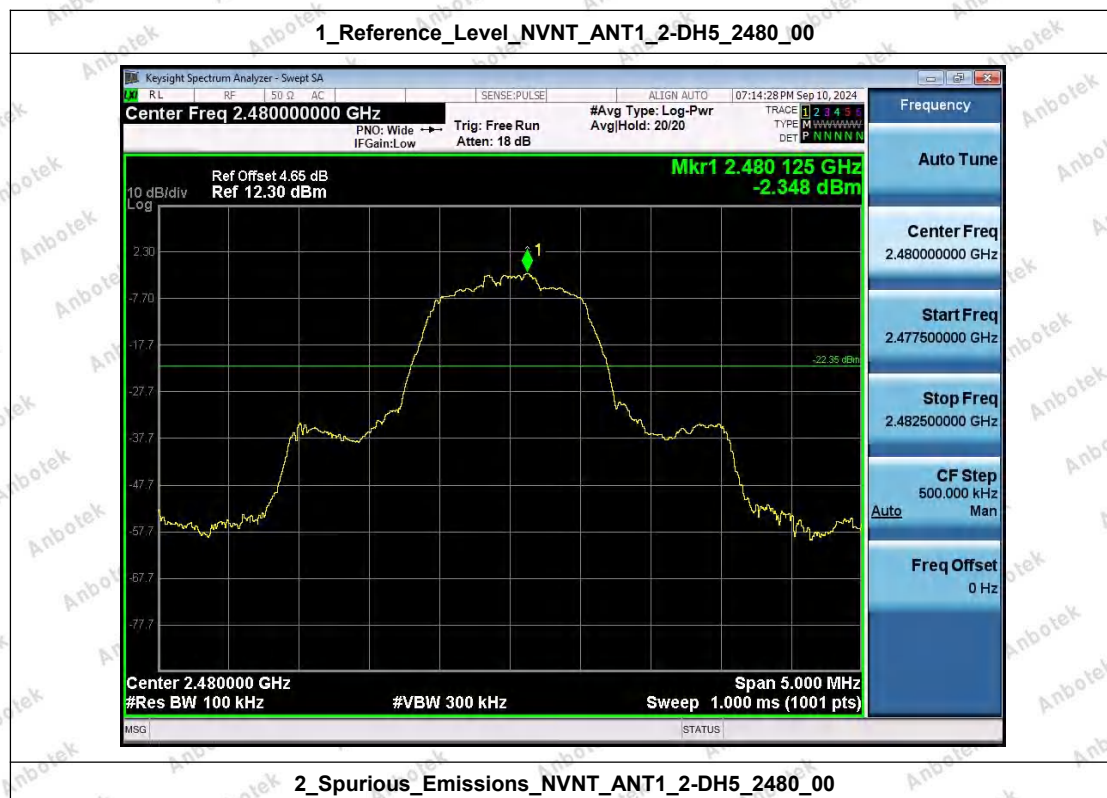


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



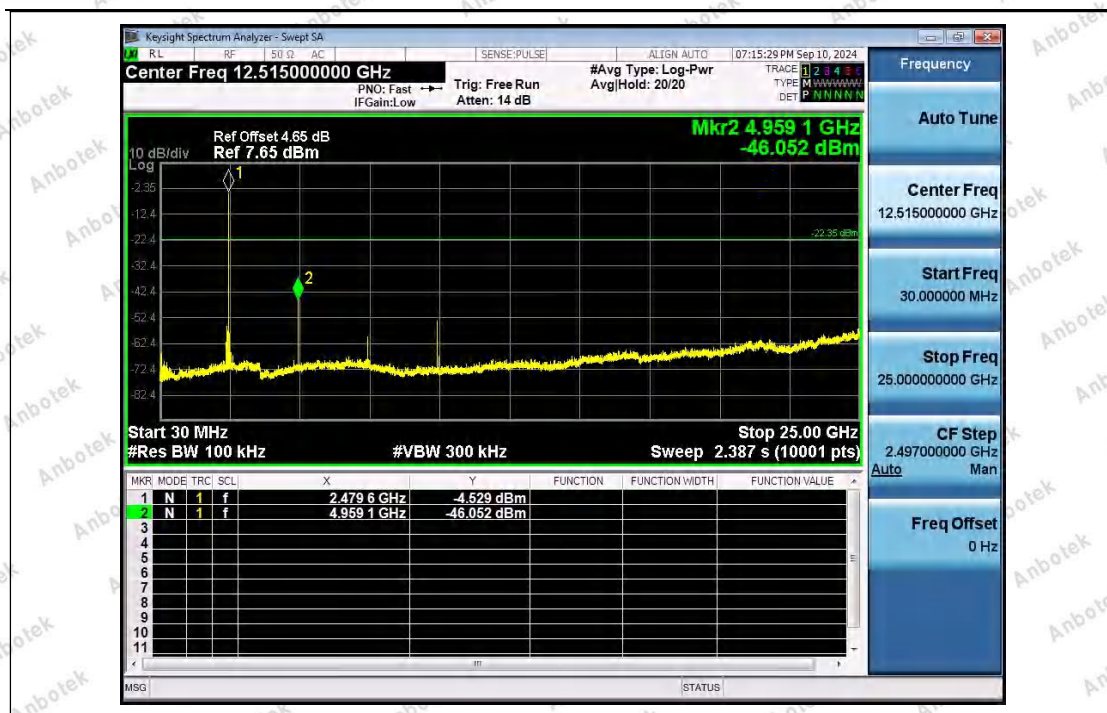


1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

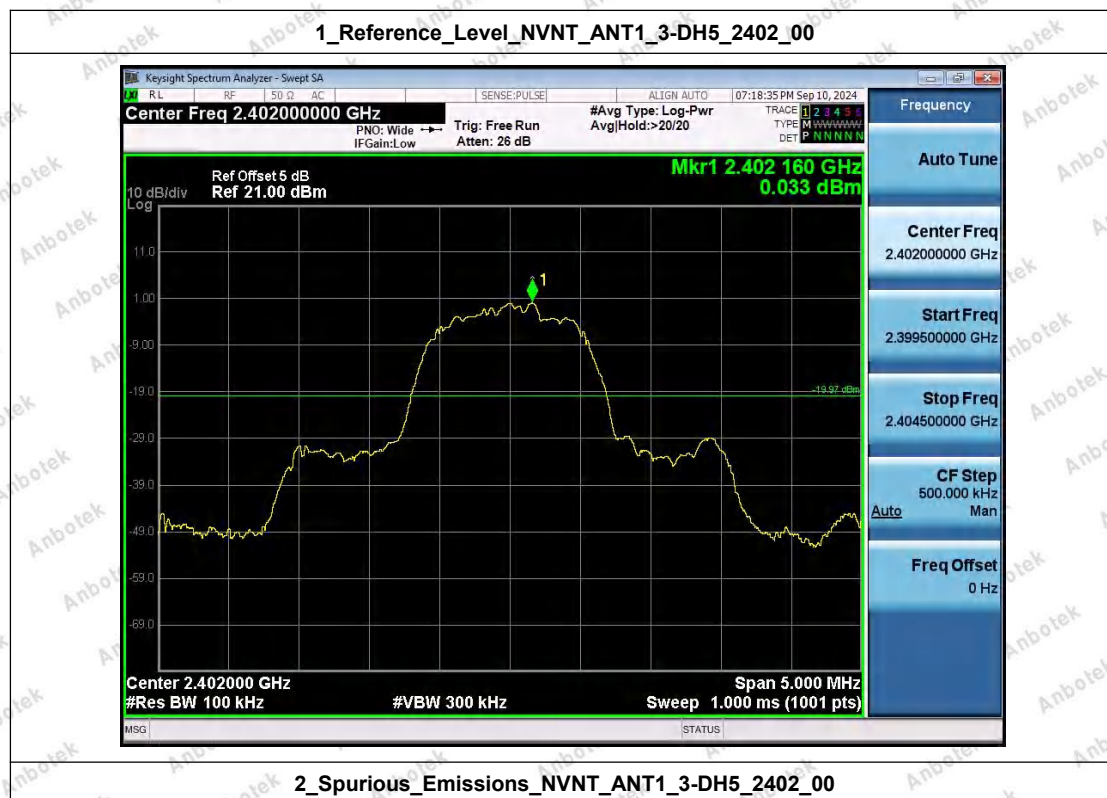


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00



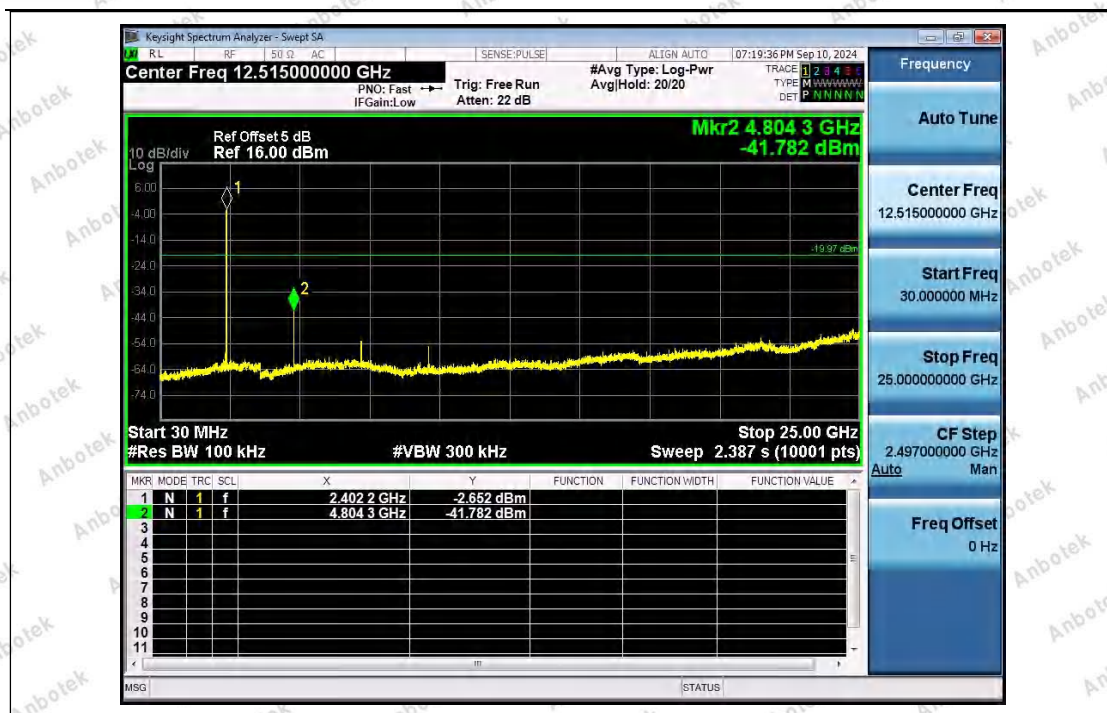


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

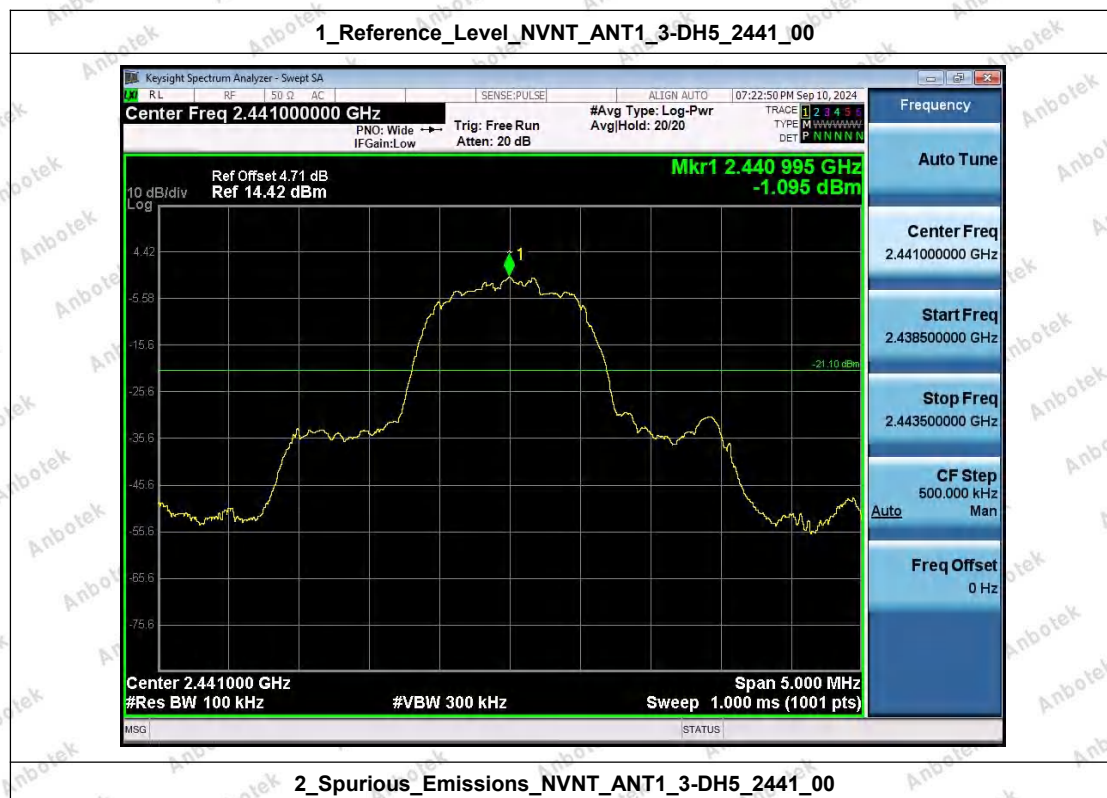


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402_00



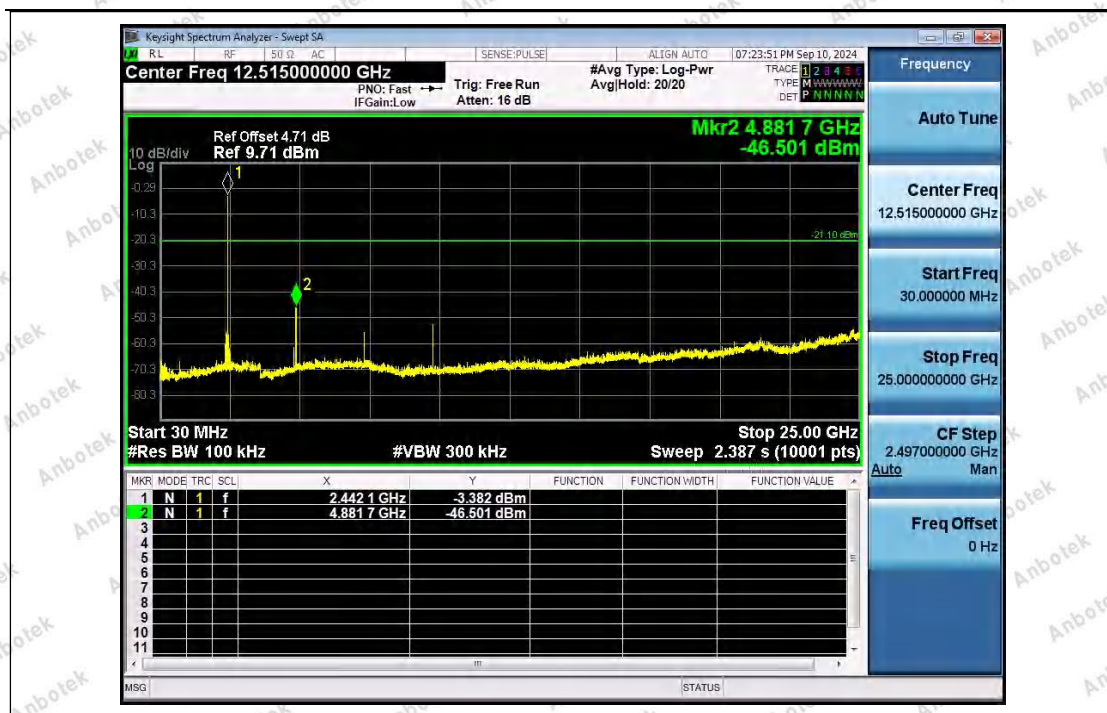


1_Reference_Level_NVNT_ANT1_3-DH5_2441_00

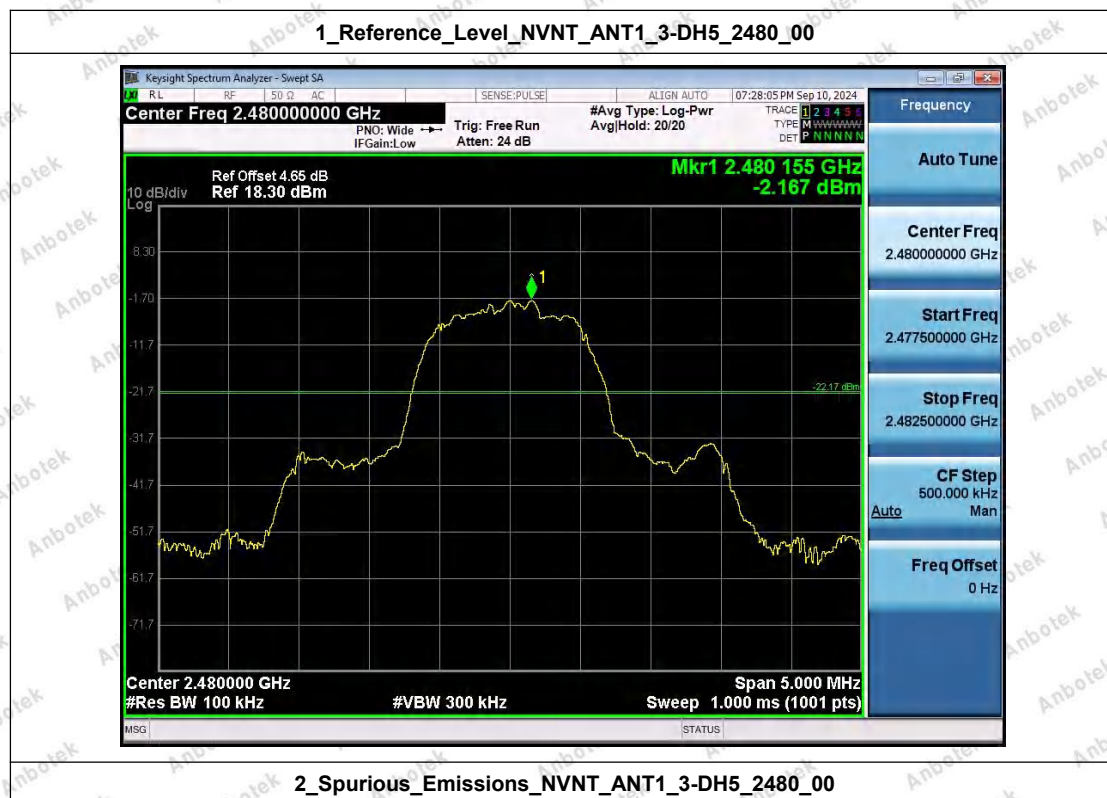


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00



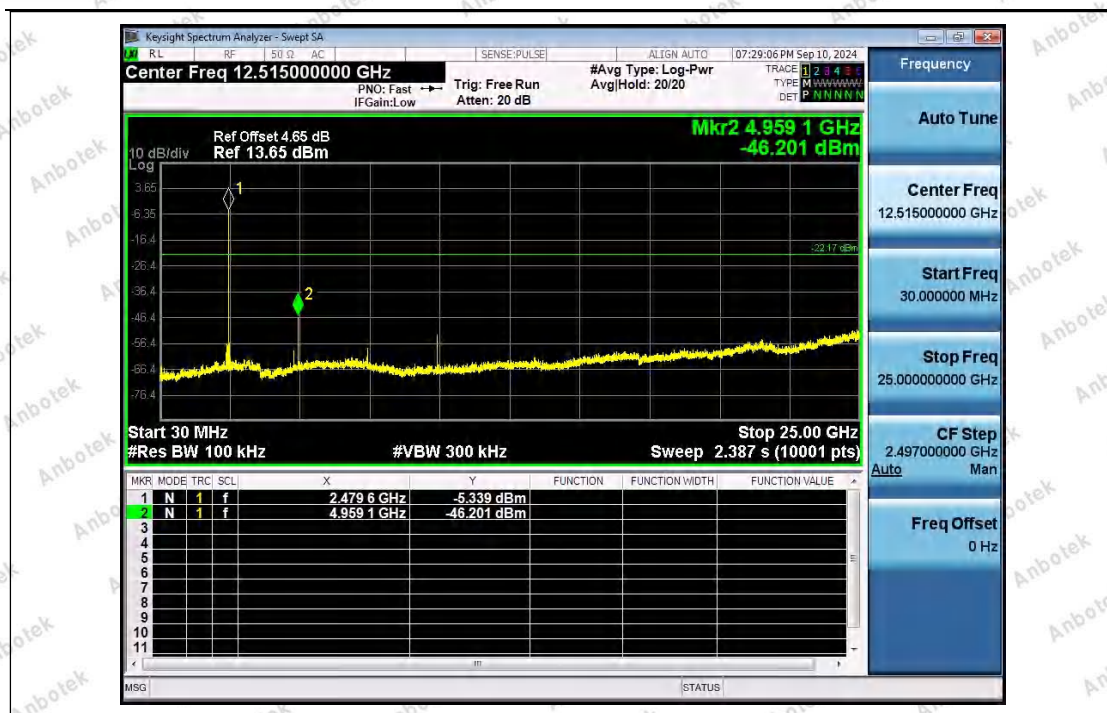


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480_00





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Appendix F: Bandedge

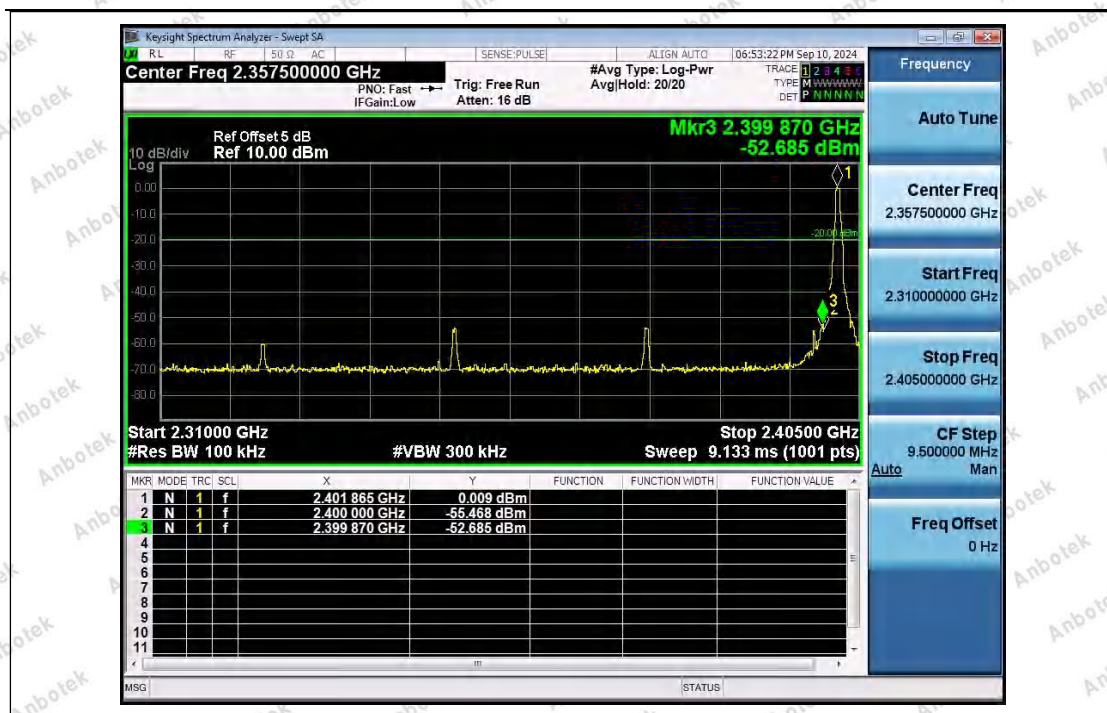
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-52.685	-20.002	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-54.307	-20.032	Pass
NVNT	ANT1	1-DH5	2480.00	-63.072	-22.156	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-55.711	-20.529	Pass
NVNT	ANT1	2-DH5	2402.00	-45.759	-20.184	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-49.125	-20.263	Pass
NVNT	ANT1	2-DH5	2480.00	-65.831	-22.348	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-56.852	-20.777	Pass
NVNT	ANT1	3-DH5	2402.00	-45.320	-19.967	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-48.373	-20.194	Pass
NVNT	ANT1	3-DH5	2480.00	-62.423	-22.167	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-55.749	-20.343	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

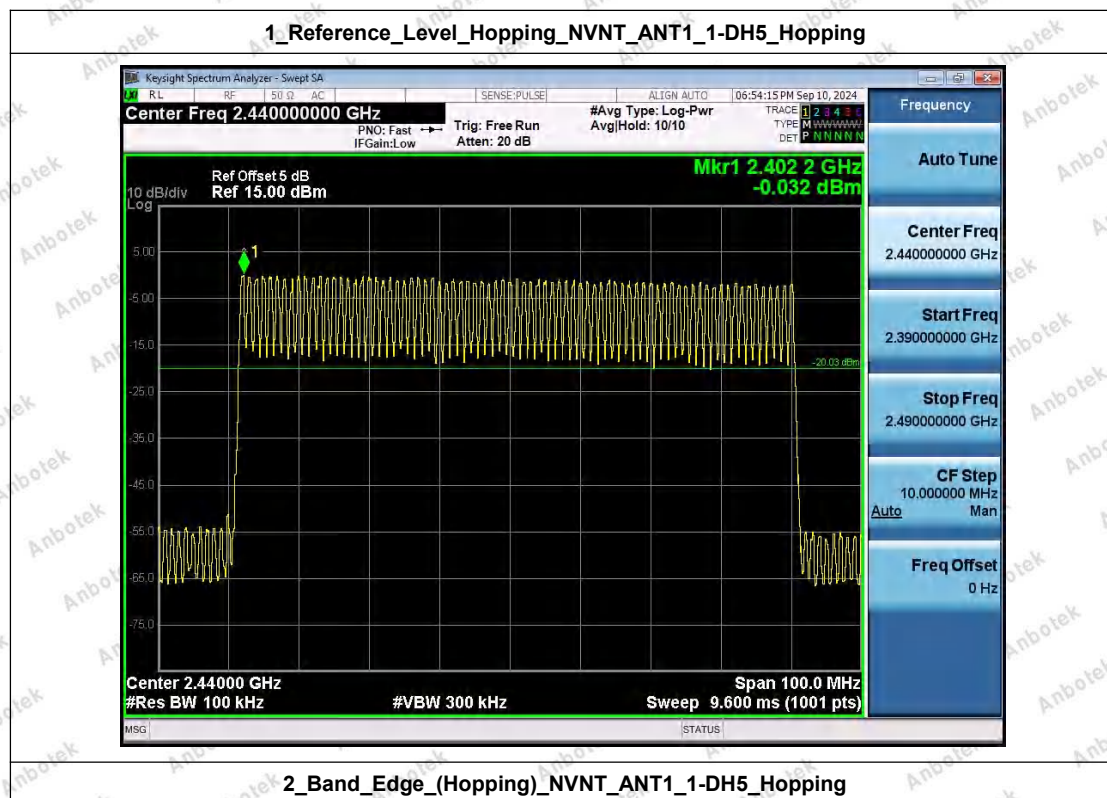


2_Bandedge_NVNT_ANT1_1-DH5_2402_00





1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

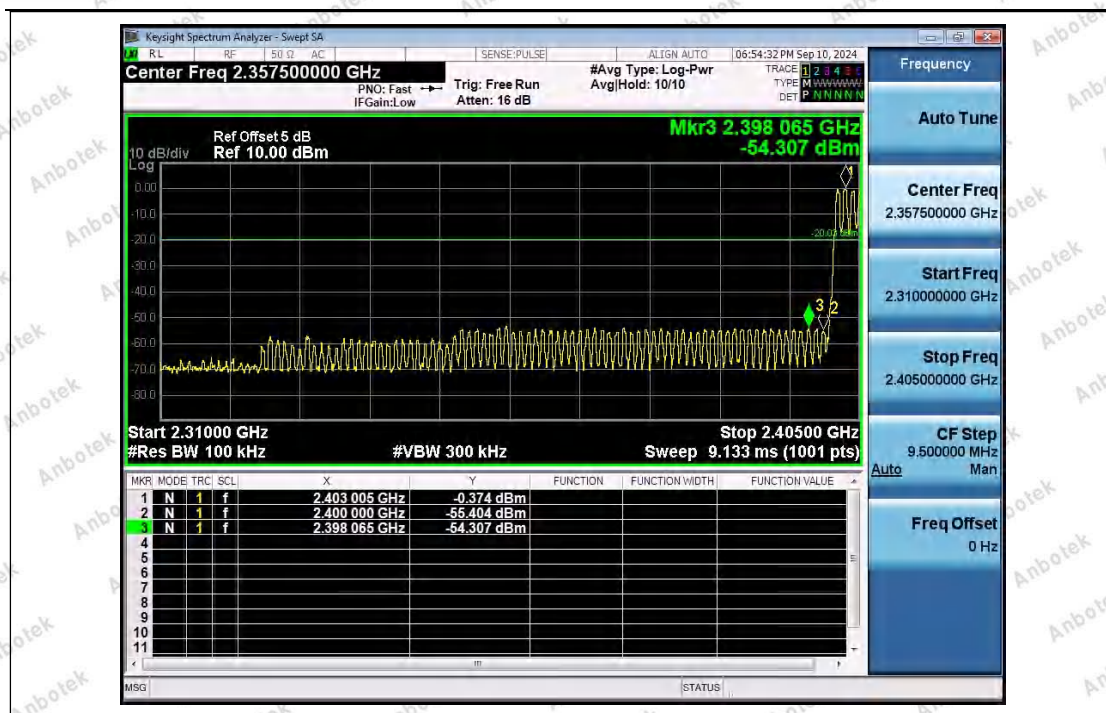
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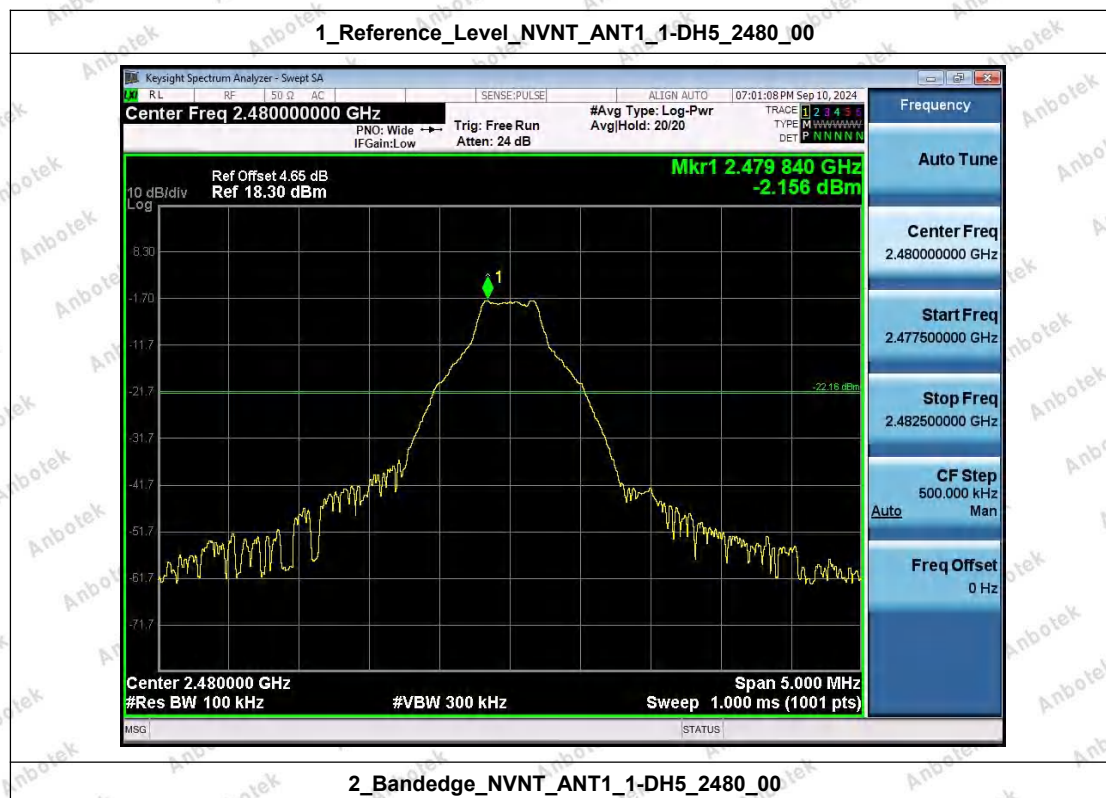


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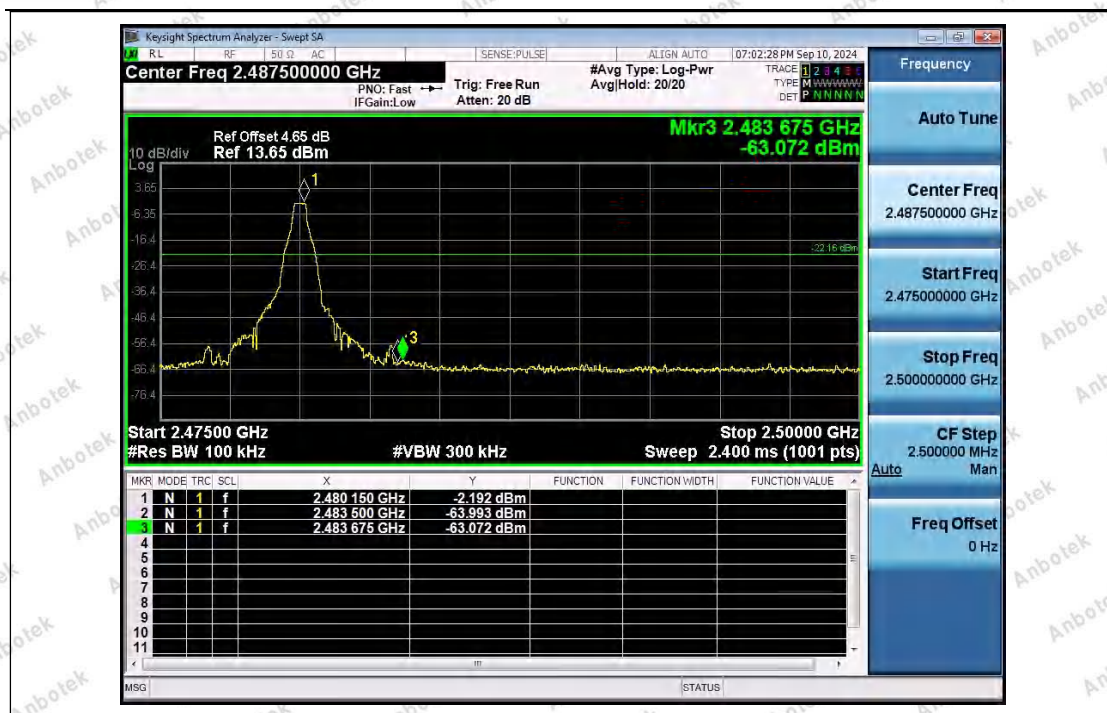


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

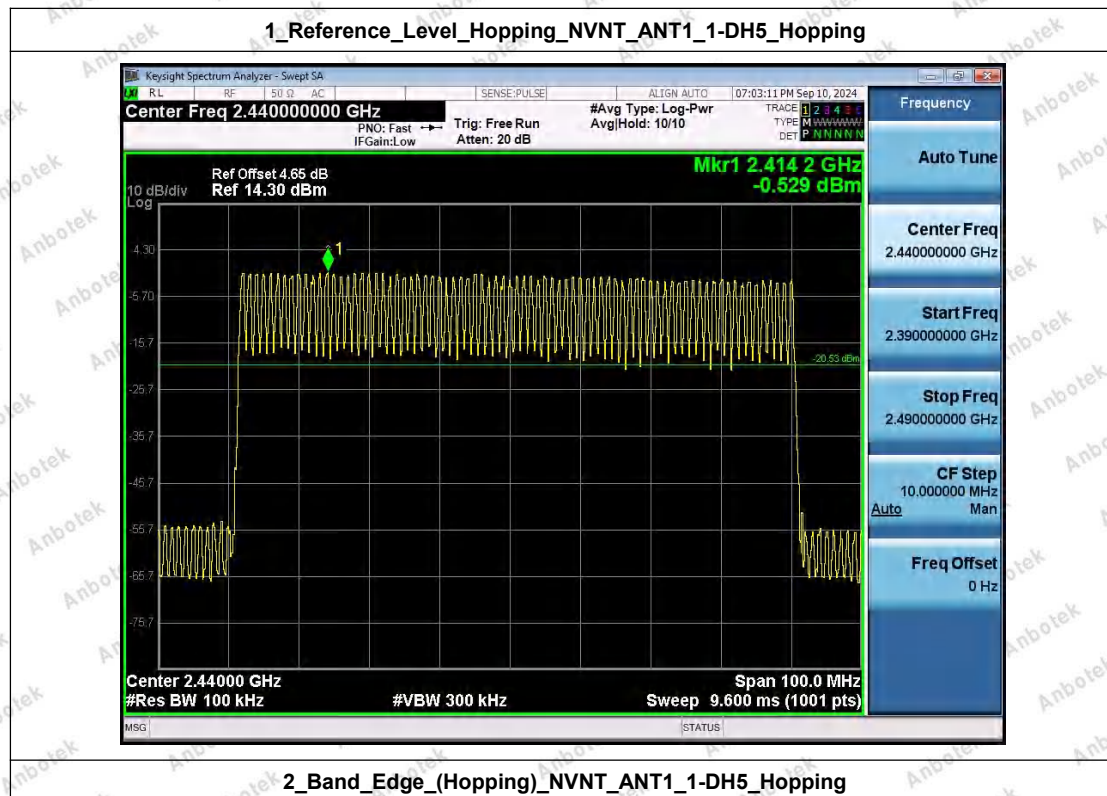


2_Bandedge_NVNT_ANT1_1-DH5_2480_00





1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

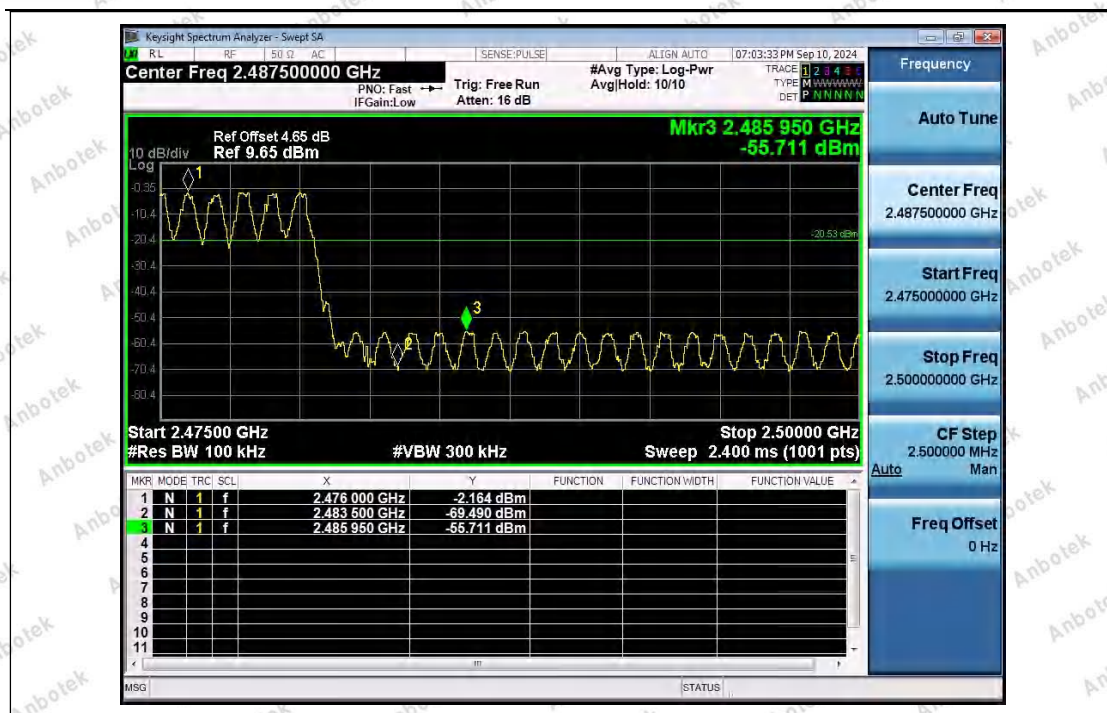
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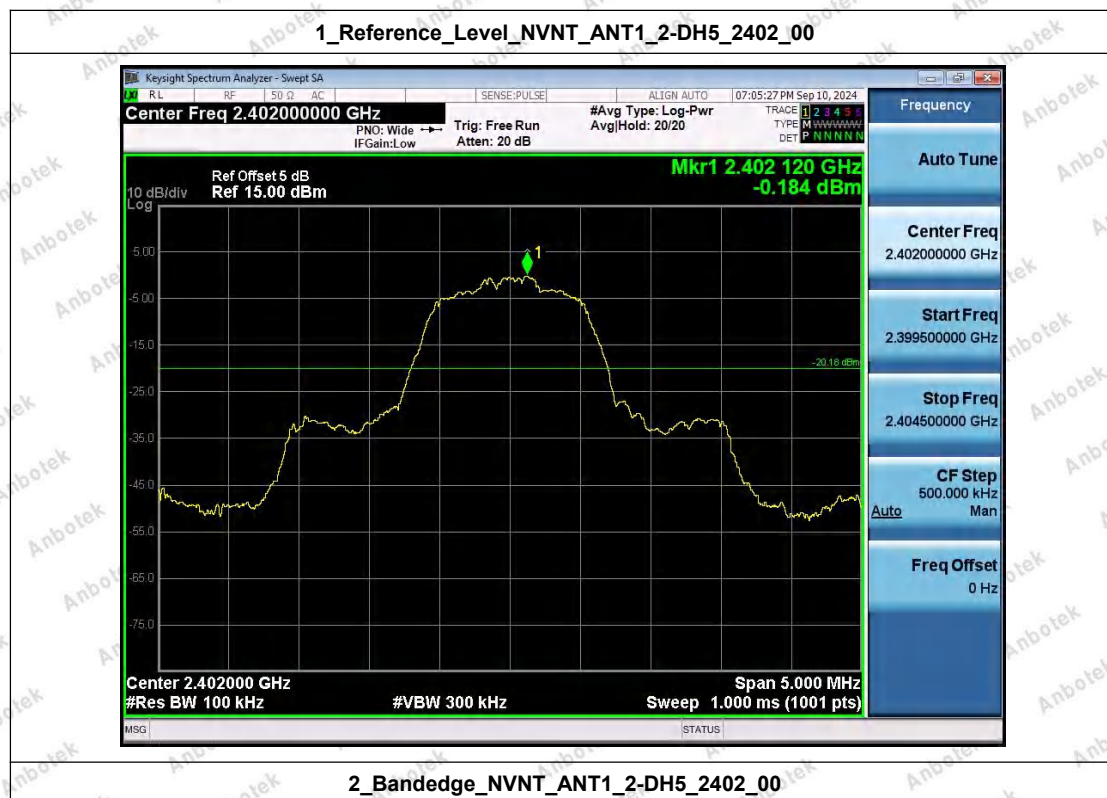


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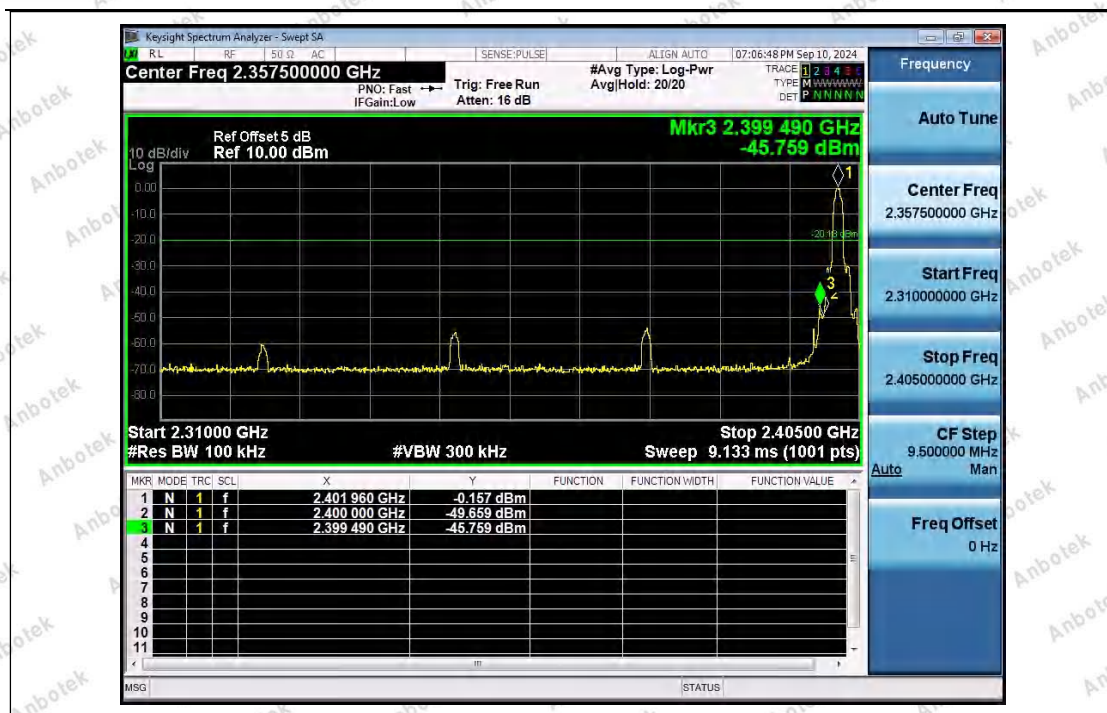


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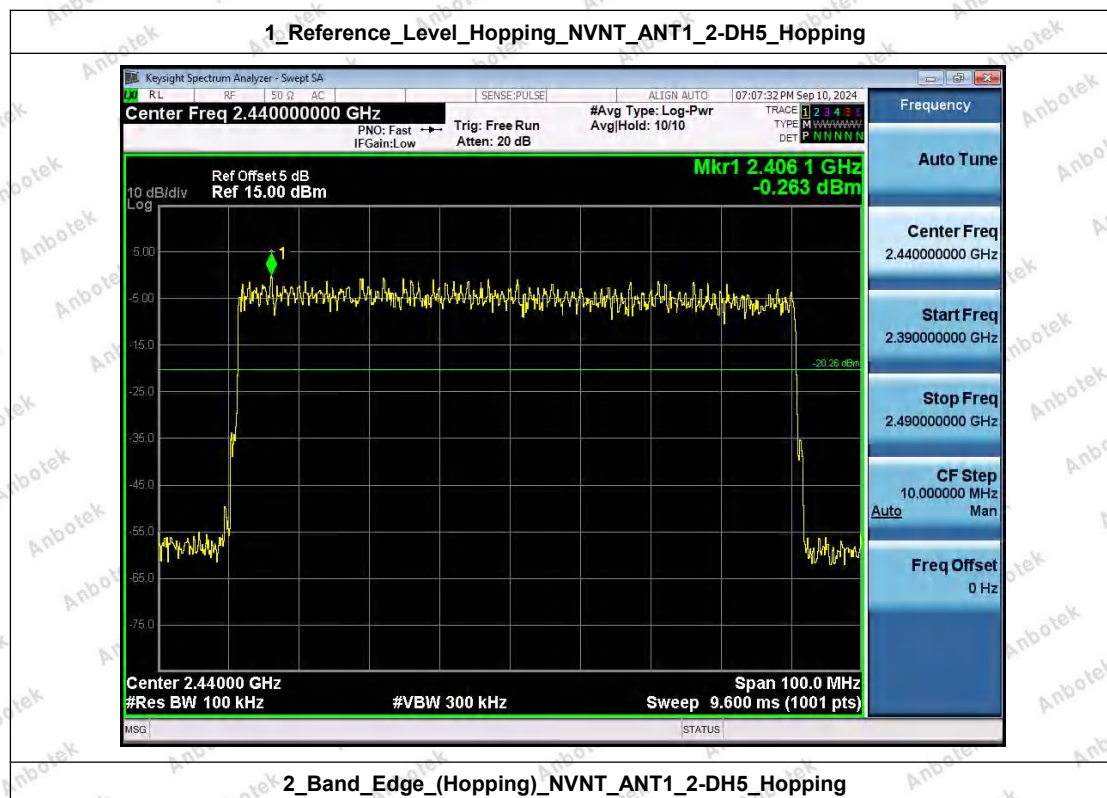


2_Bandedge_NVNT_ANT1_2-DH5_2402_00





1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping

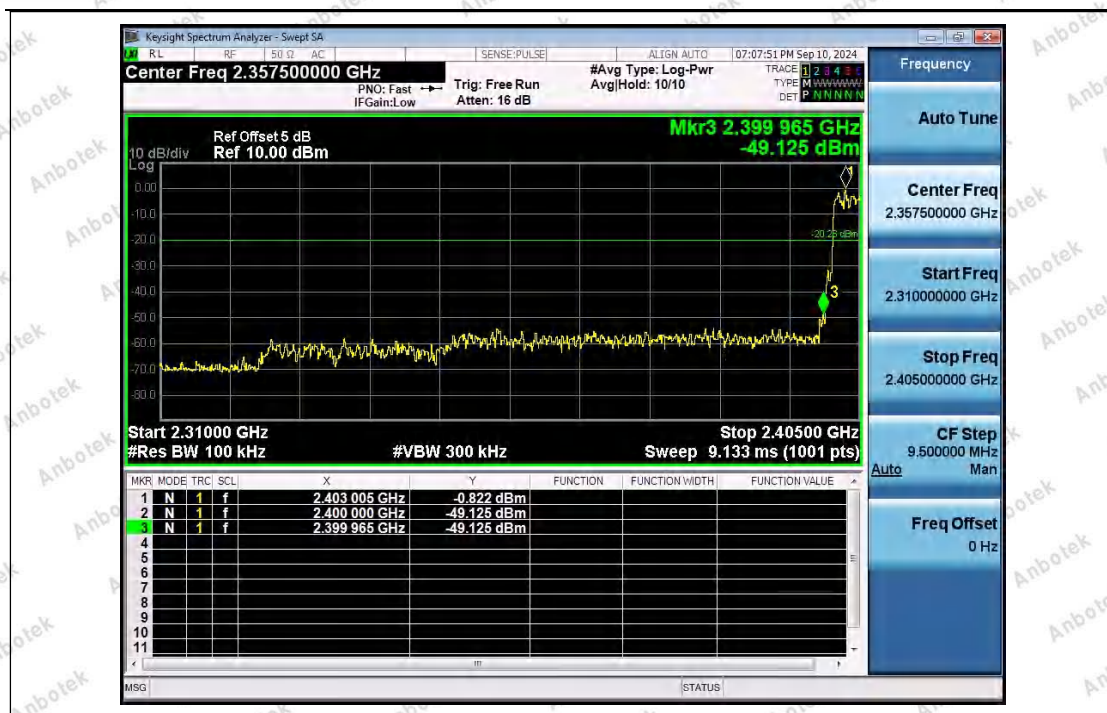
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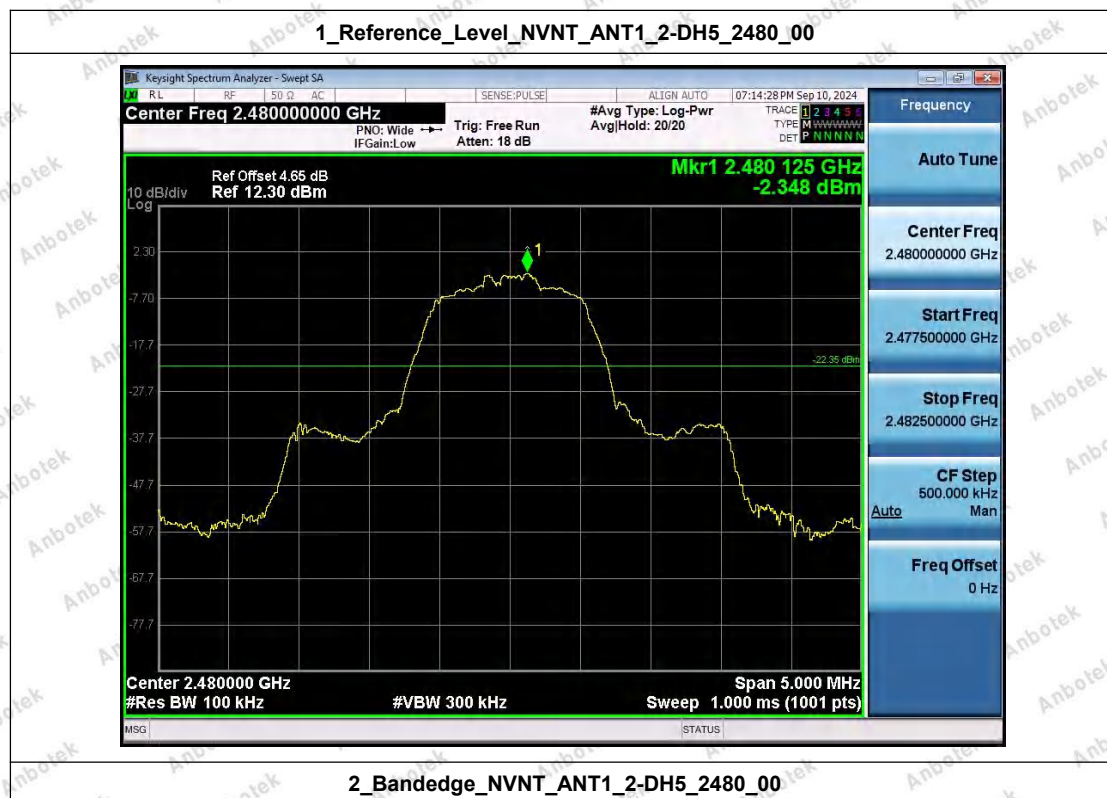


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1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

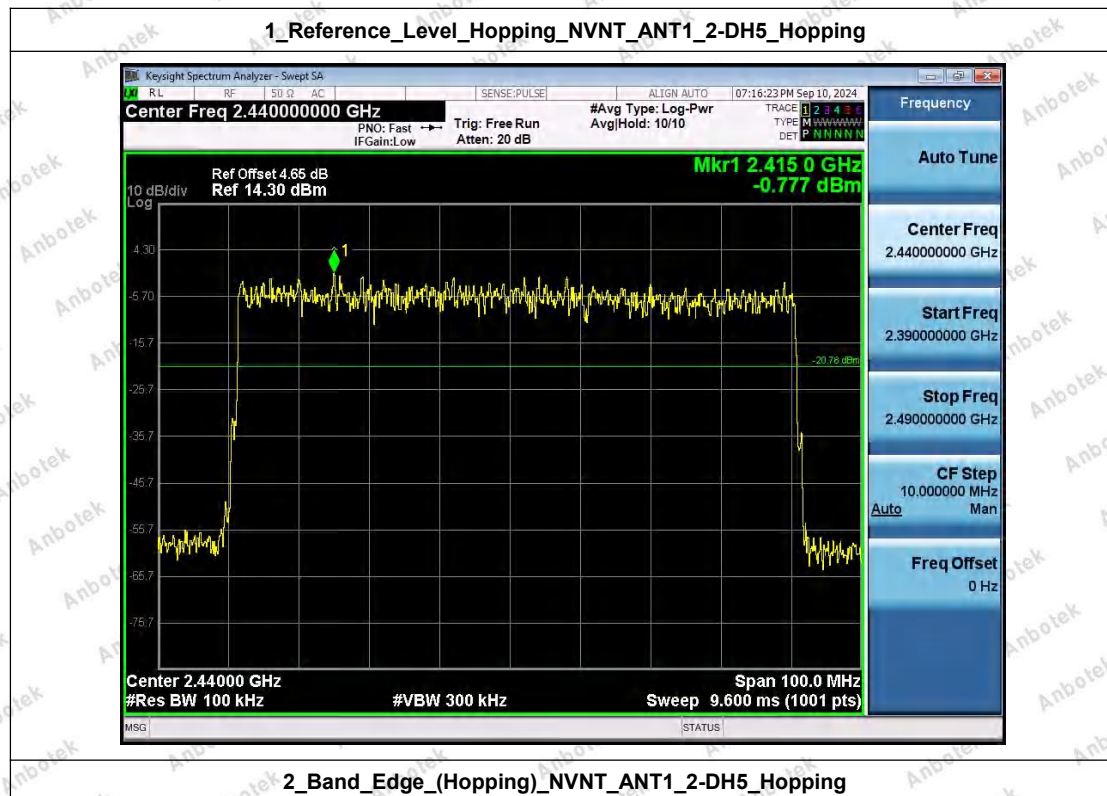


2_Bandedge_NVNT_ANT1_2-DH5_2480_00





1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping

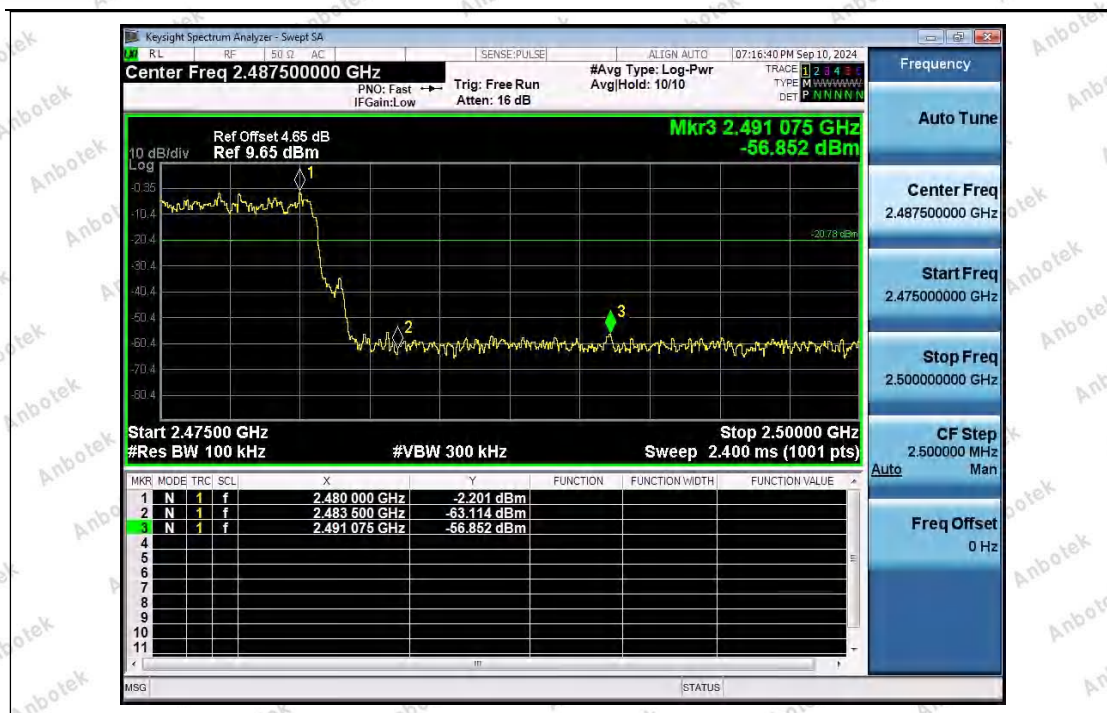
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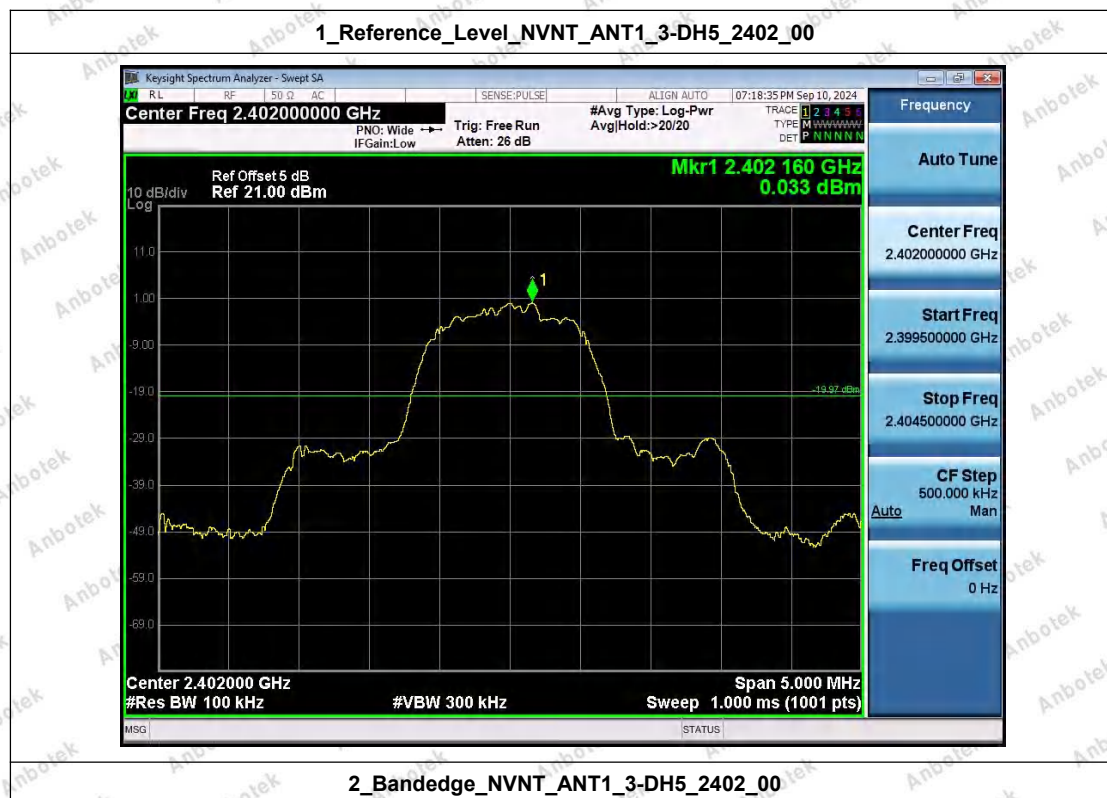


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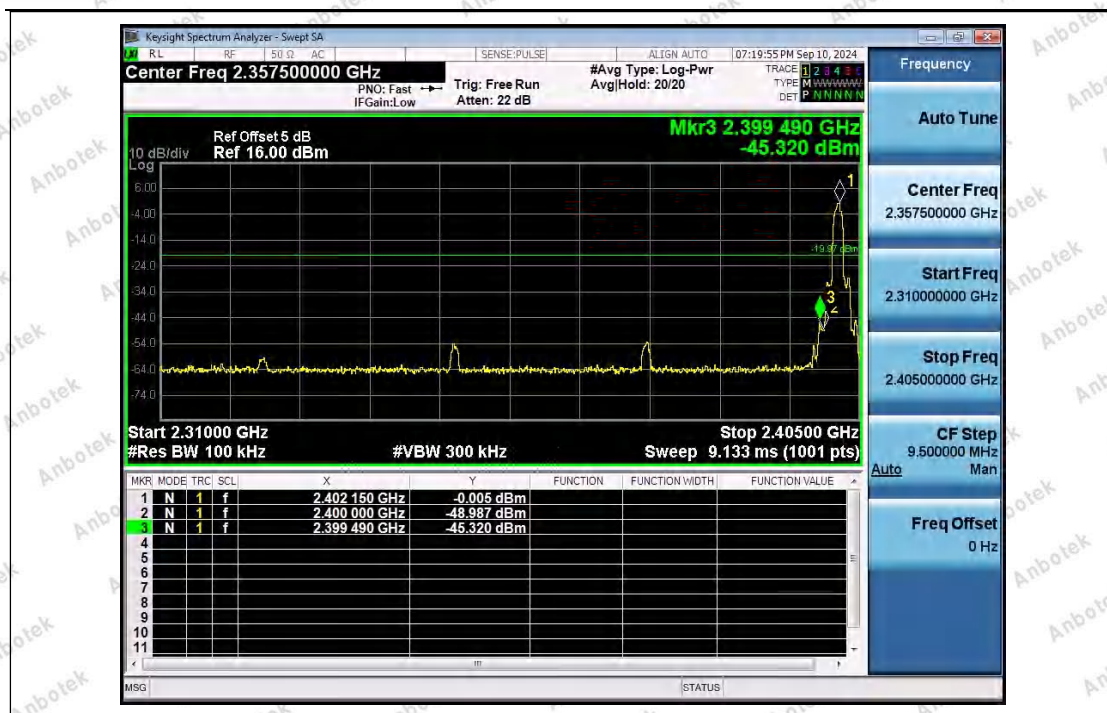


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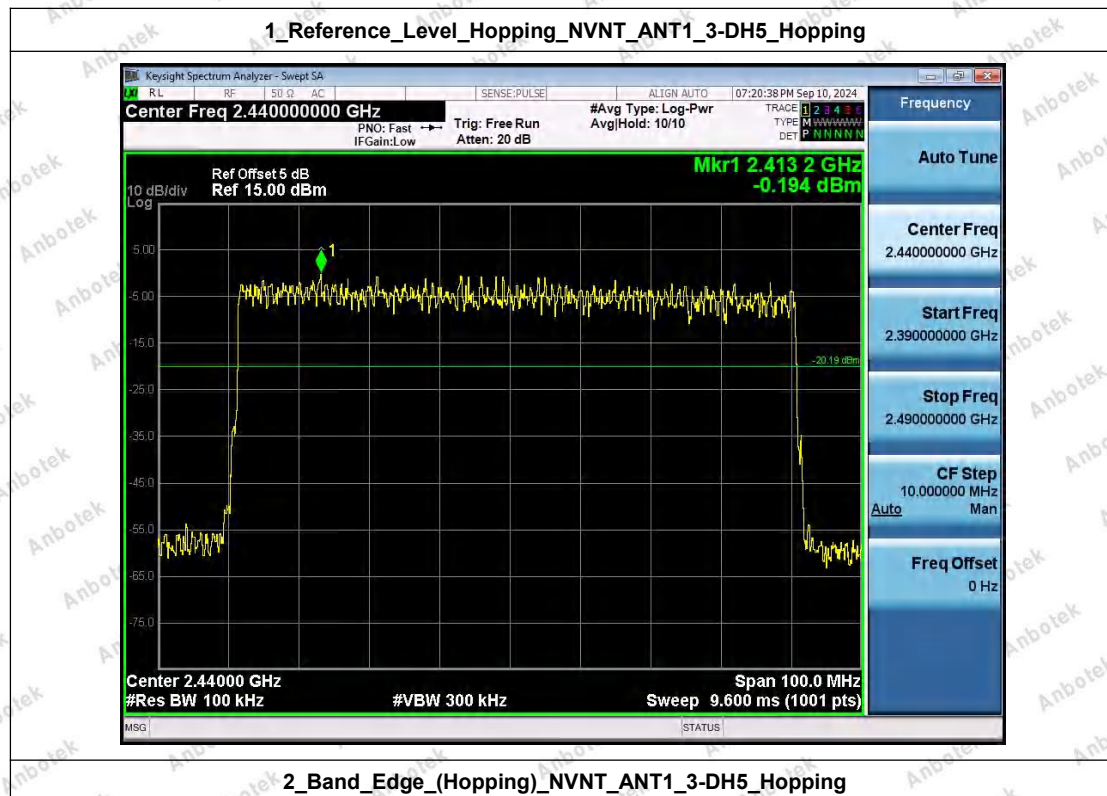


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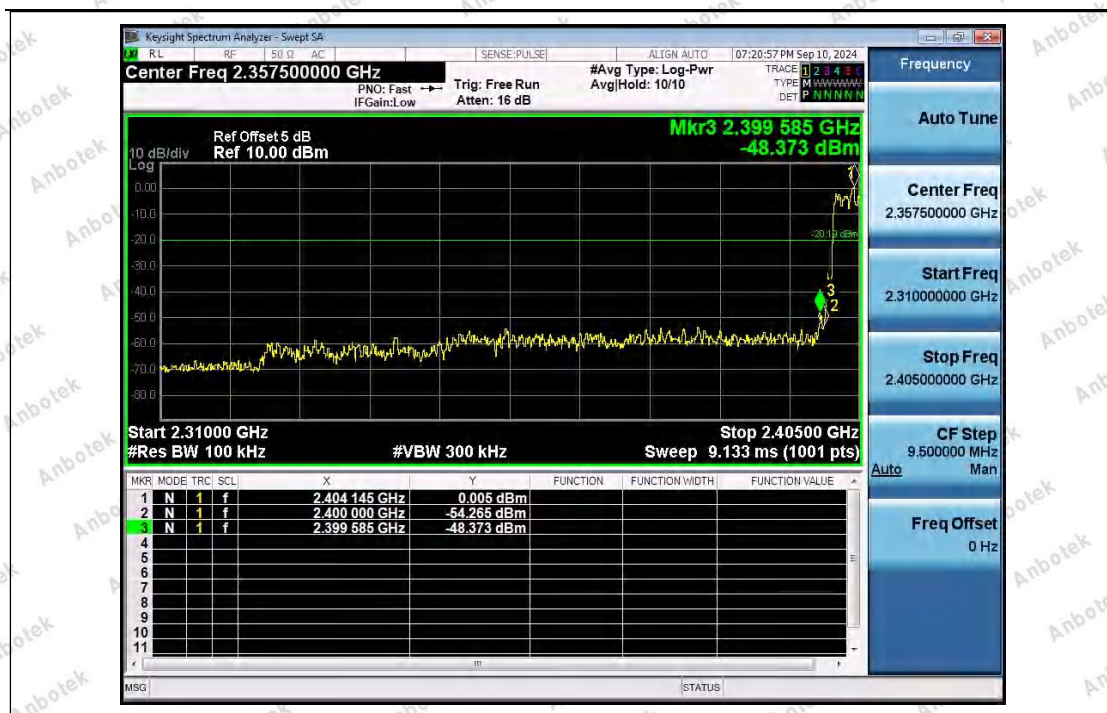


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping

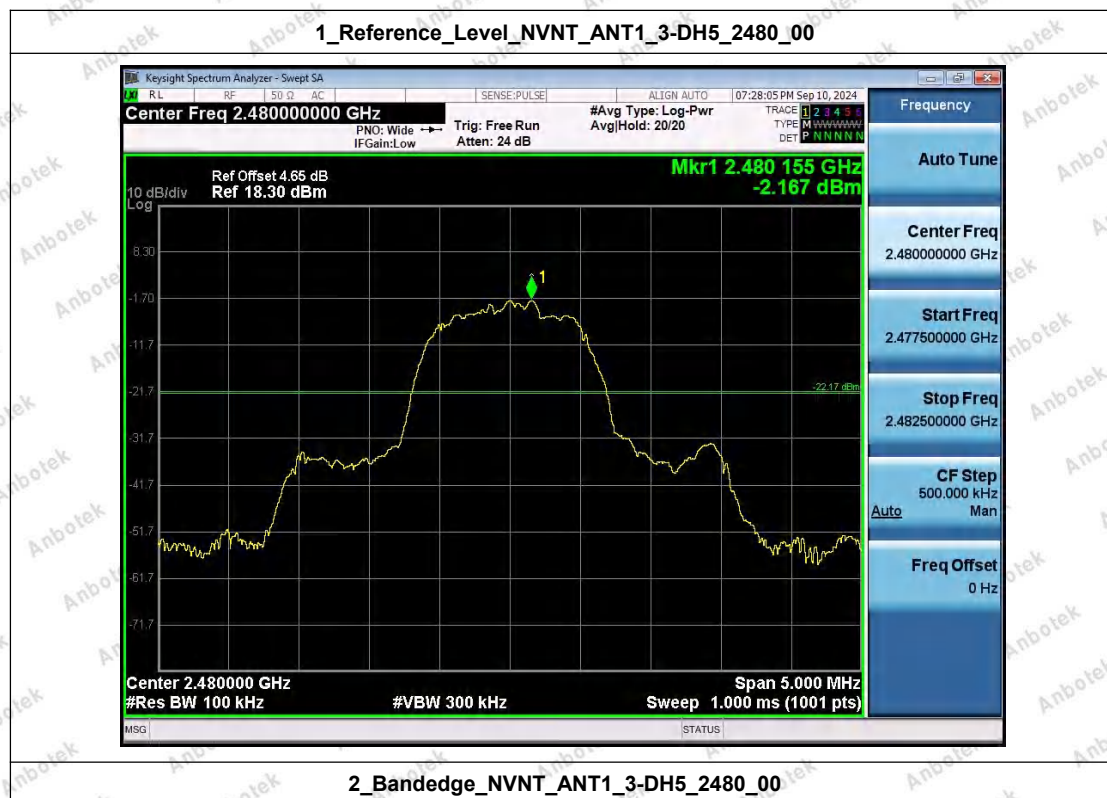


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



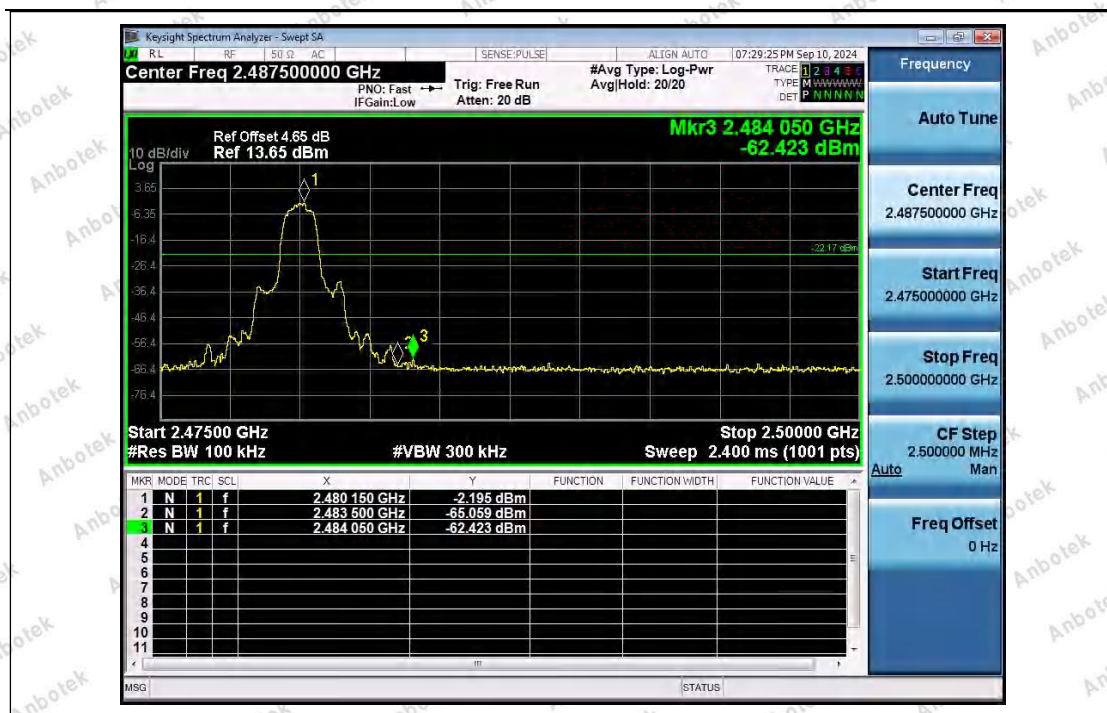


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00

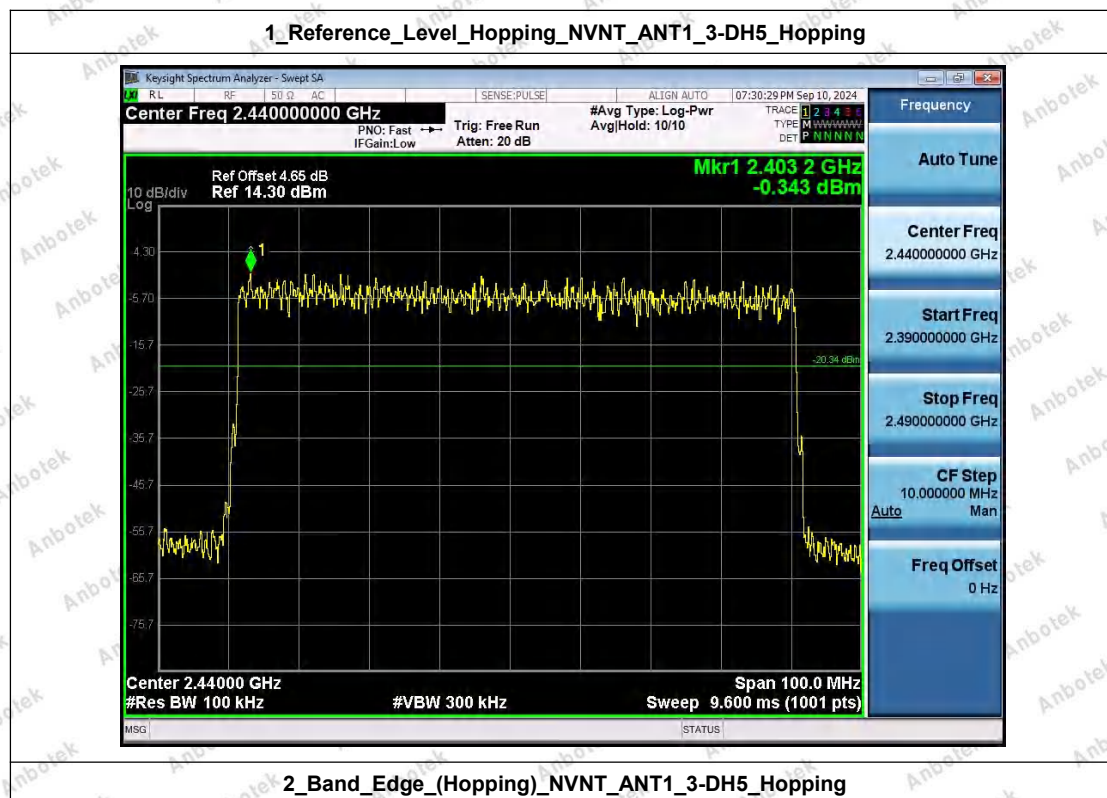


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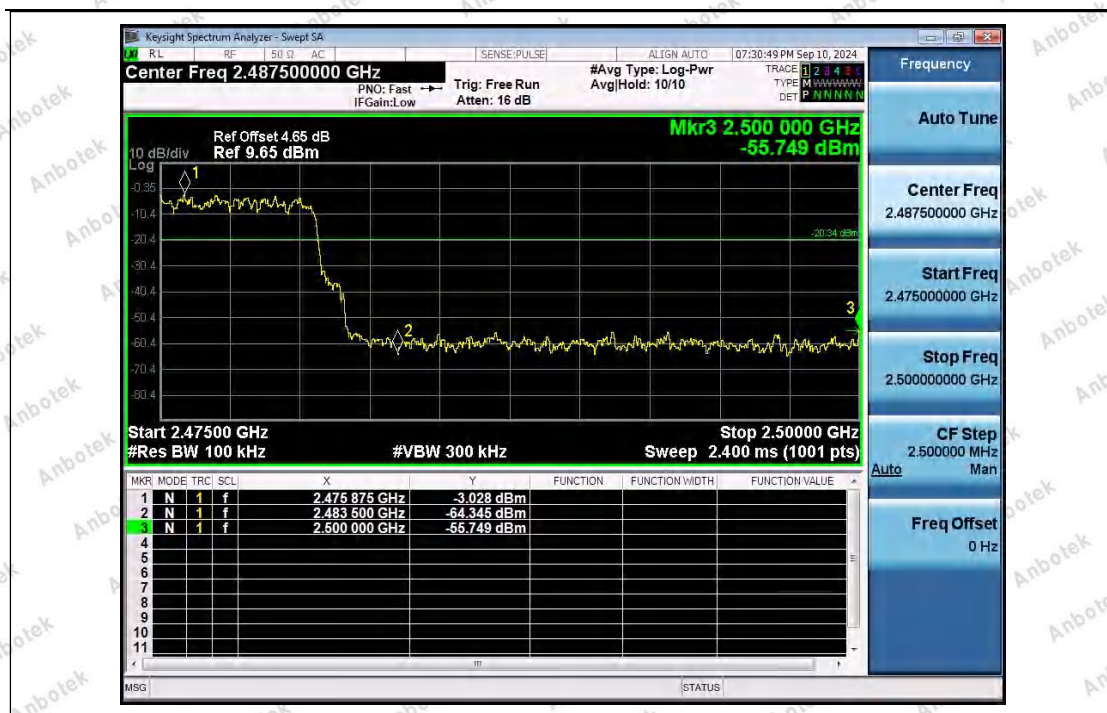


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping





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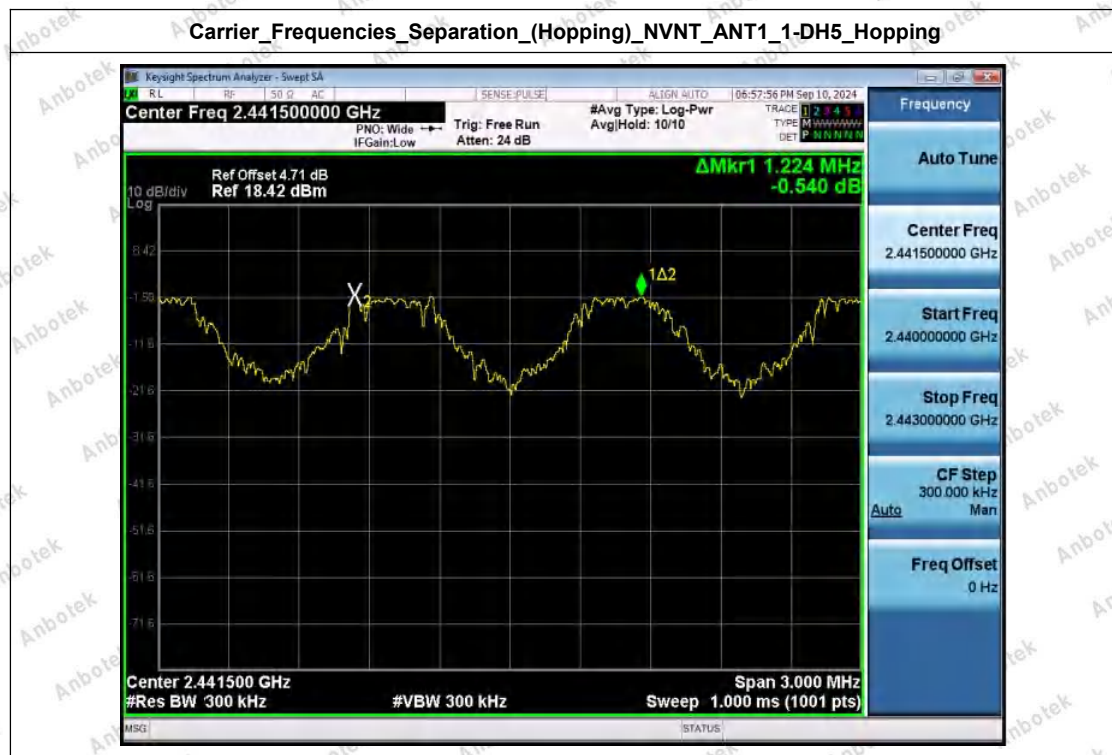
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Appendix G:Carrier Frequencies Separation (Hopping)

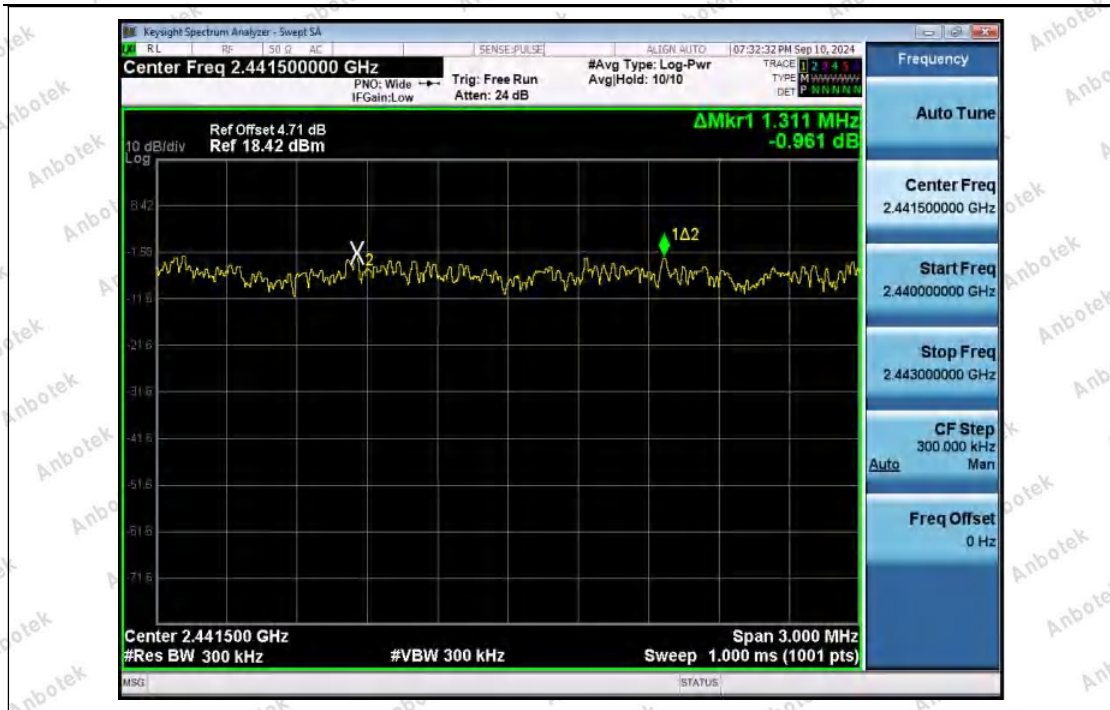
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH5	2441.00	2440.837	2442.061	1.22	0.952	Pass
NVNT	ANT1	2-DH5	2441.00	2440.855	2442.166	1.31	0.882	Pass
NVNT	ANT1	3-DH5	2441.00	2440.984	2442.136	1.15	0.861	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



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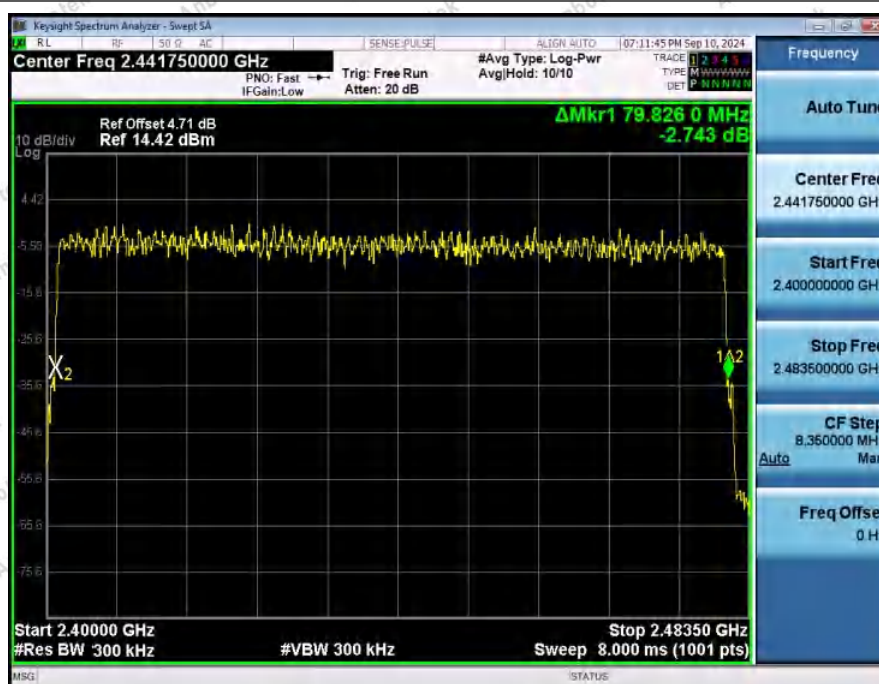
Appendix H: Number of Hopping Channel (Hopping)

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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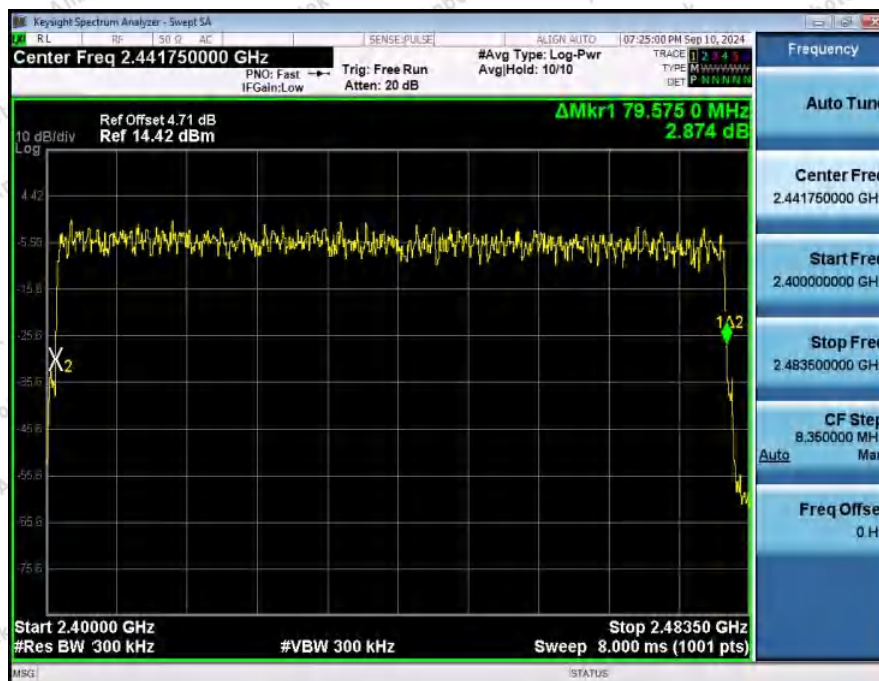


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Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH5_Hopping



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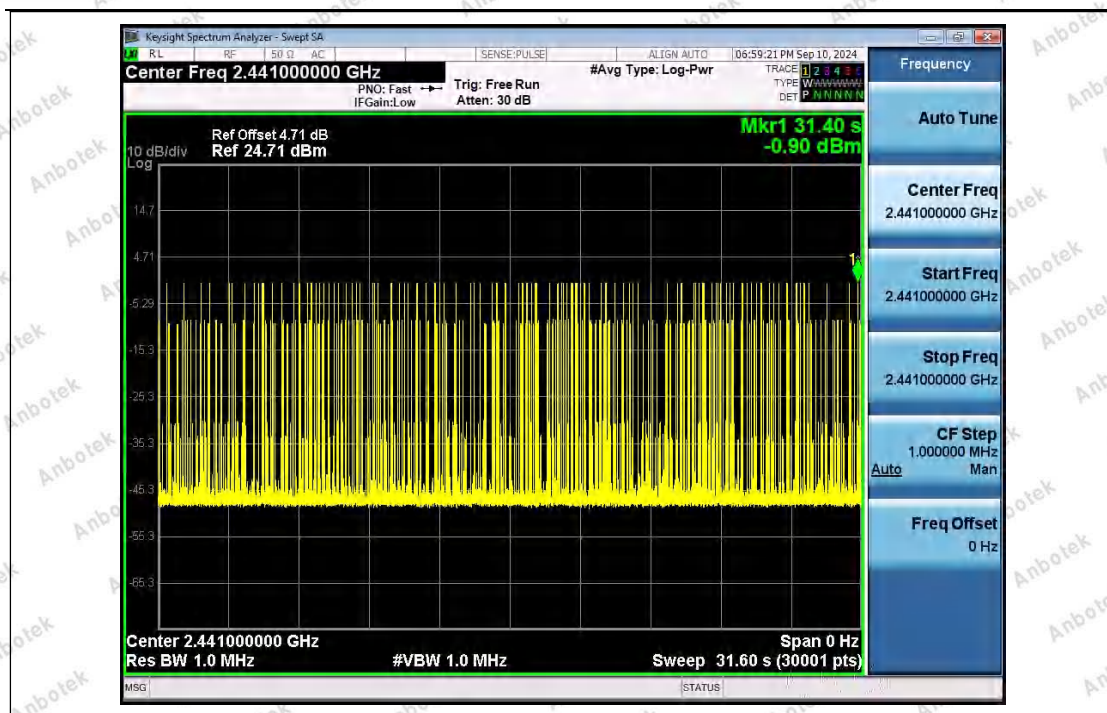
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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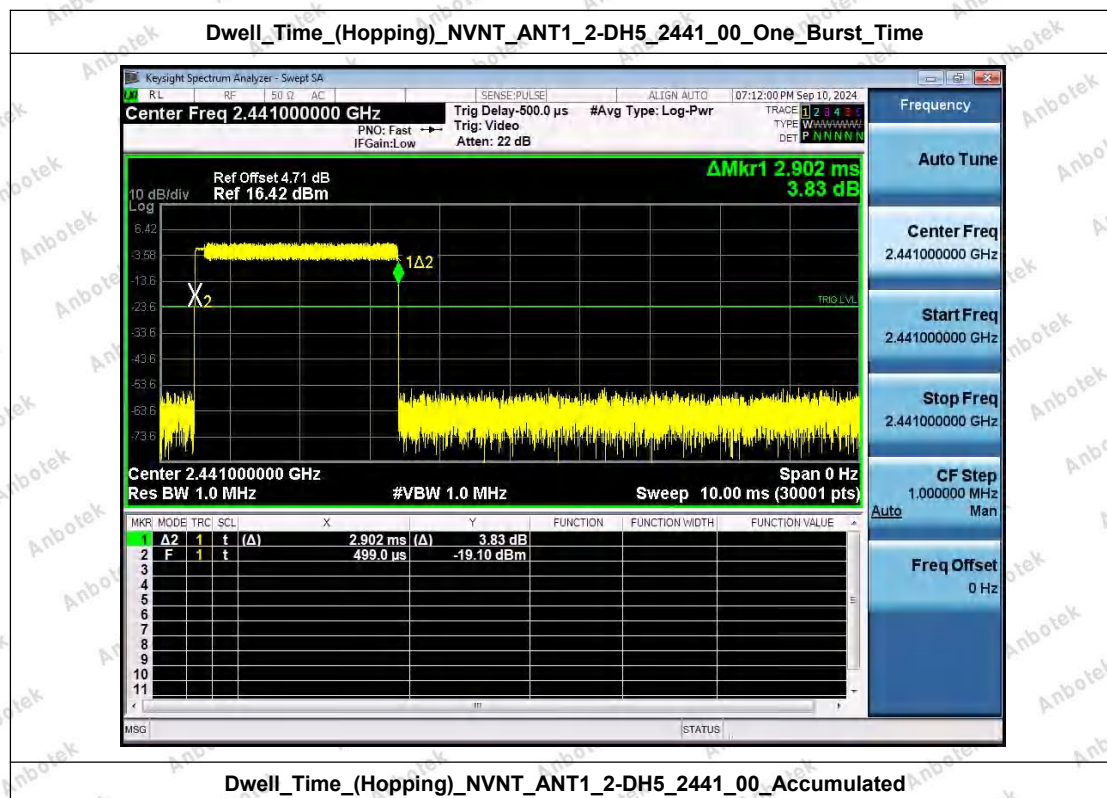
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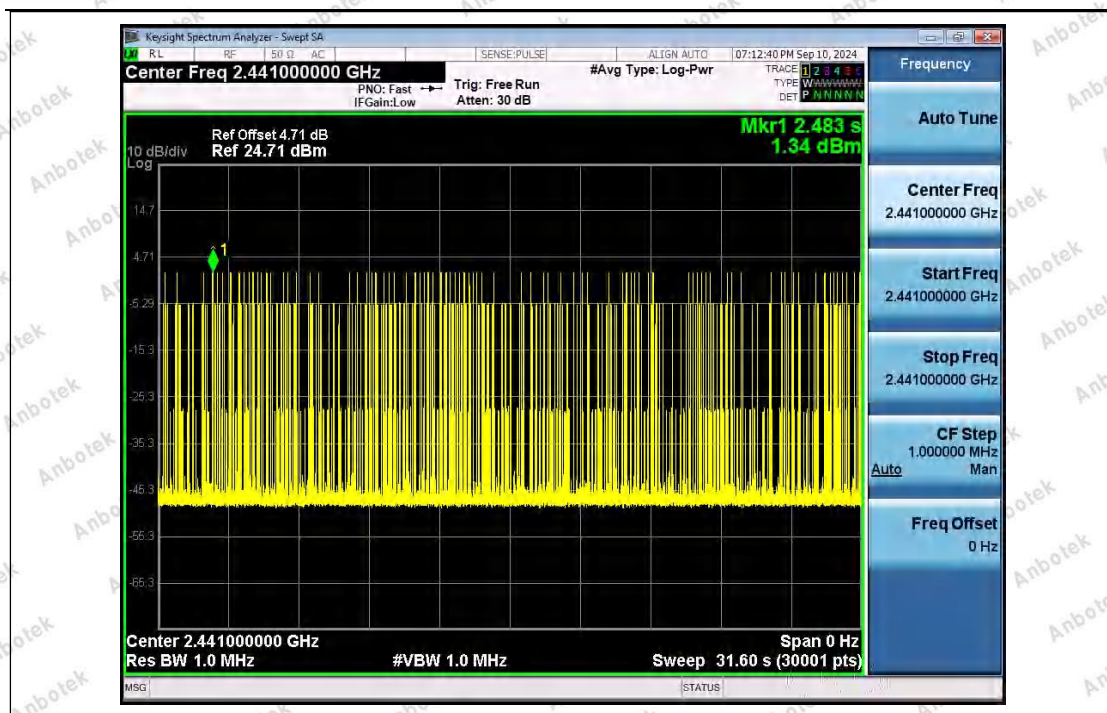


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time

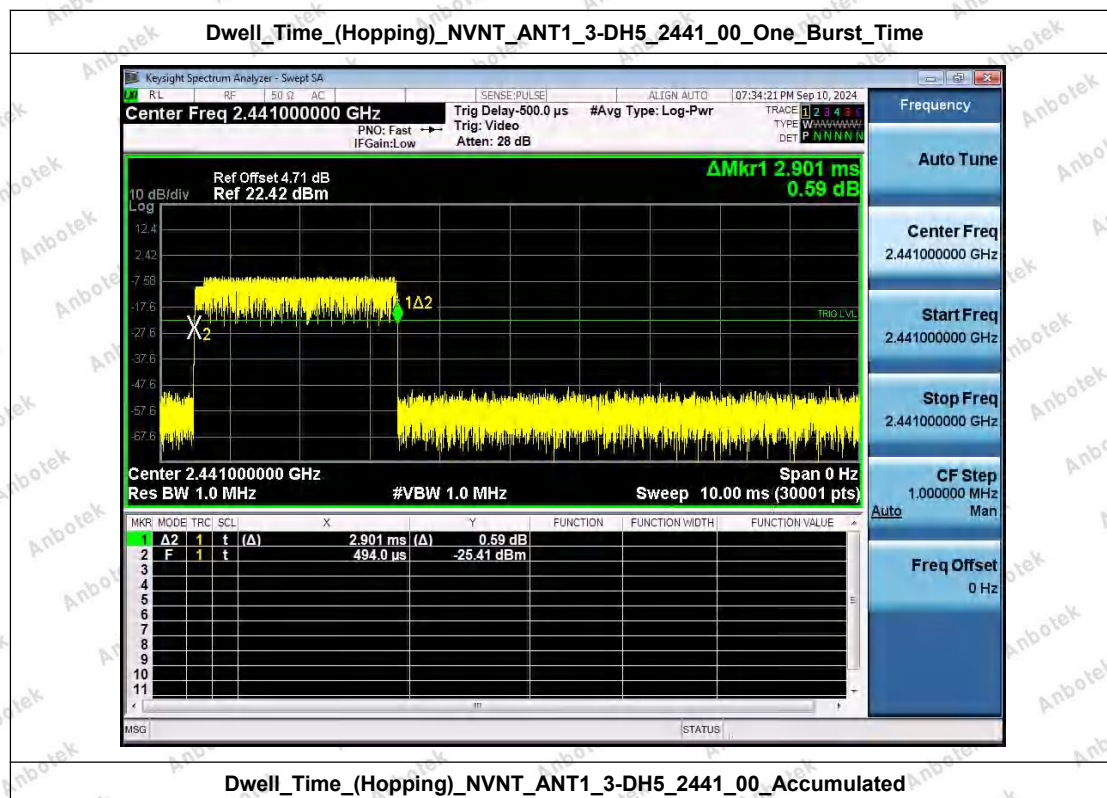


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



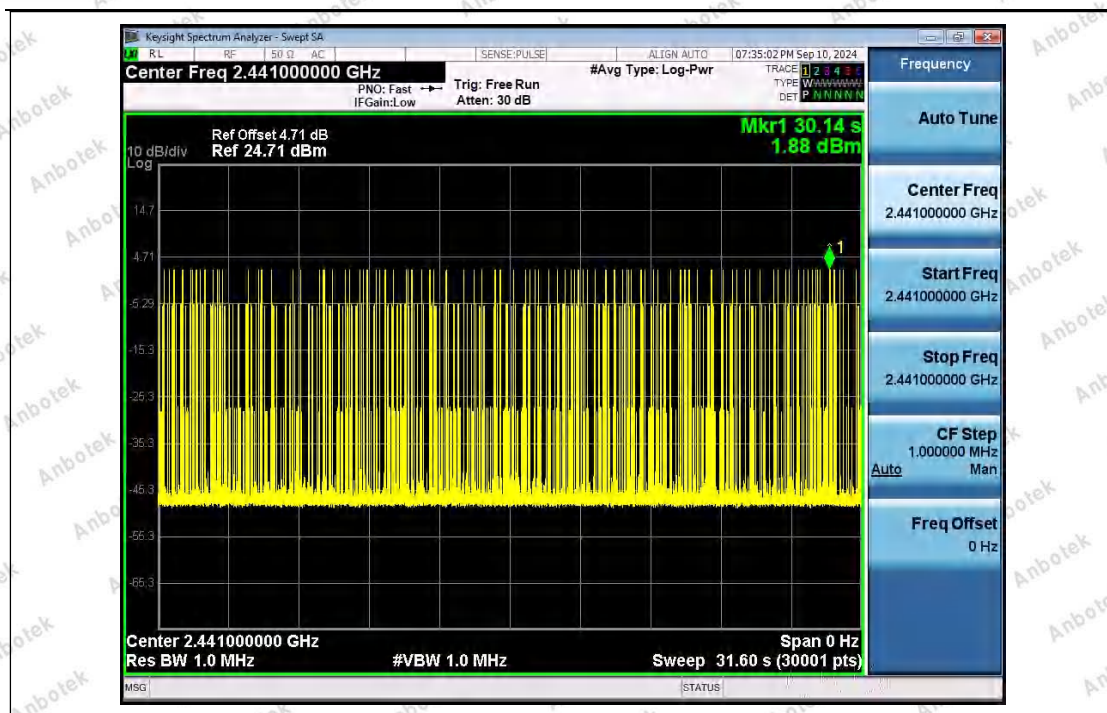


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_One_Burst_Time

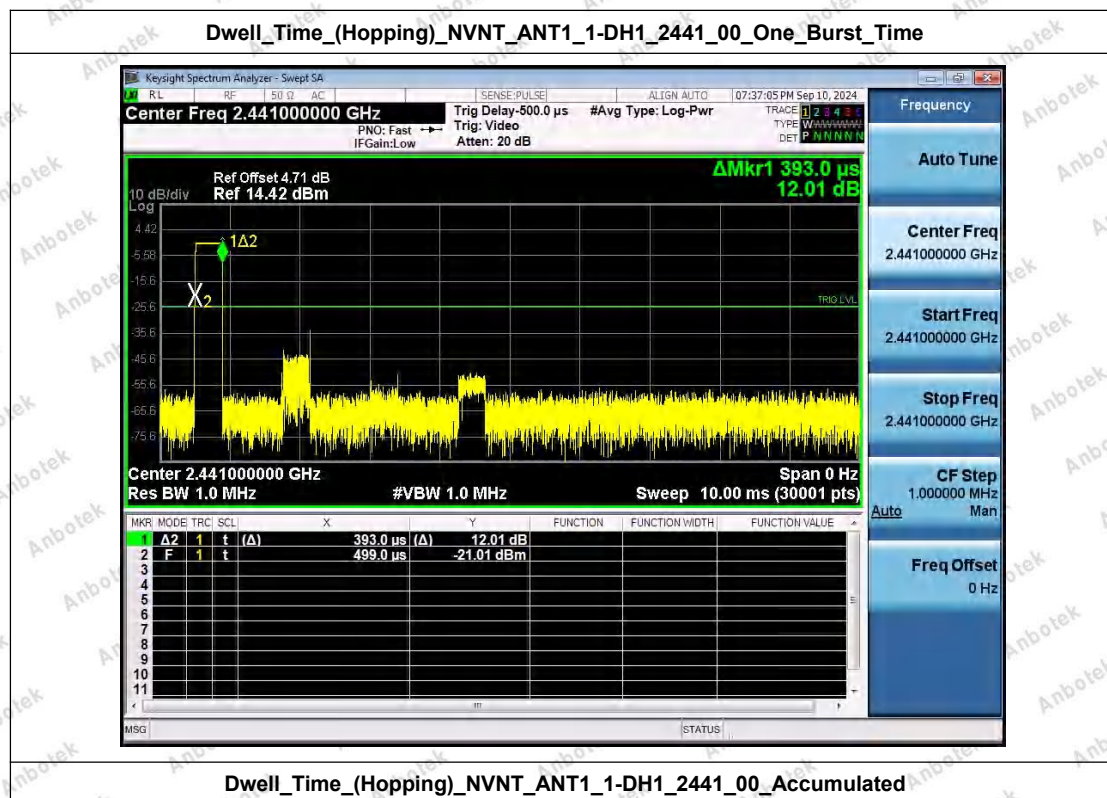


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_Accumulated



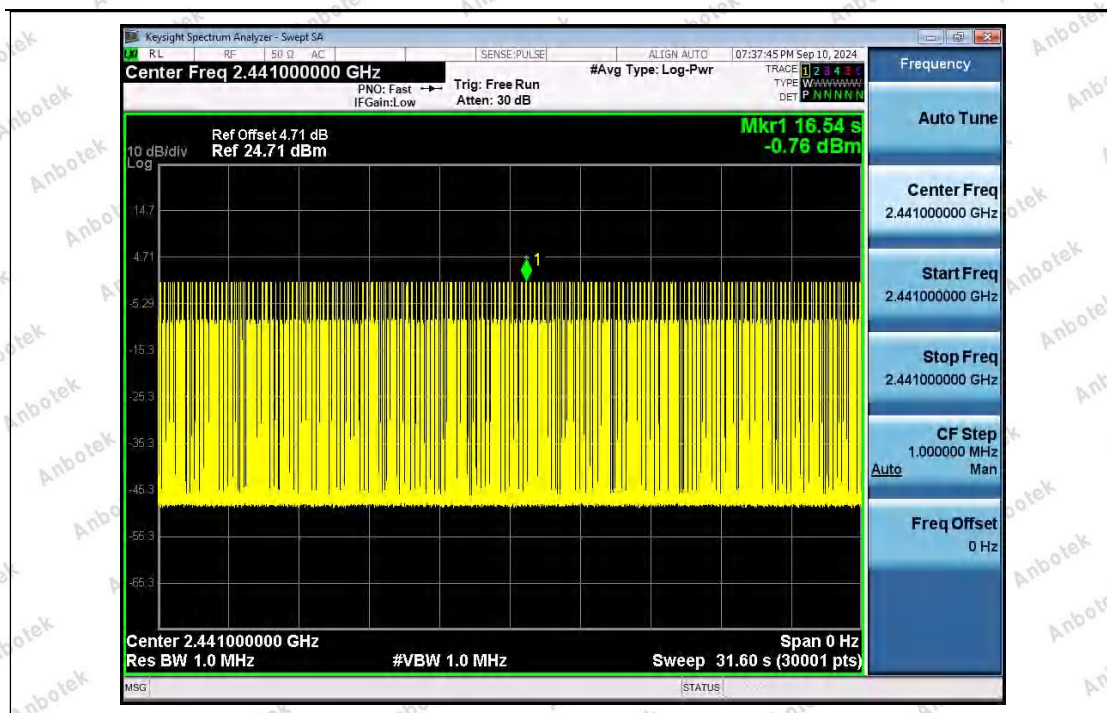


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_One_Burst_Time

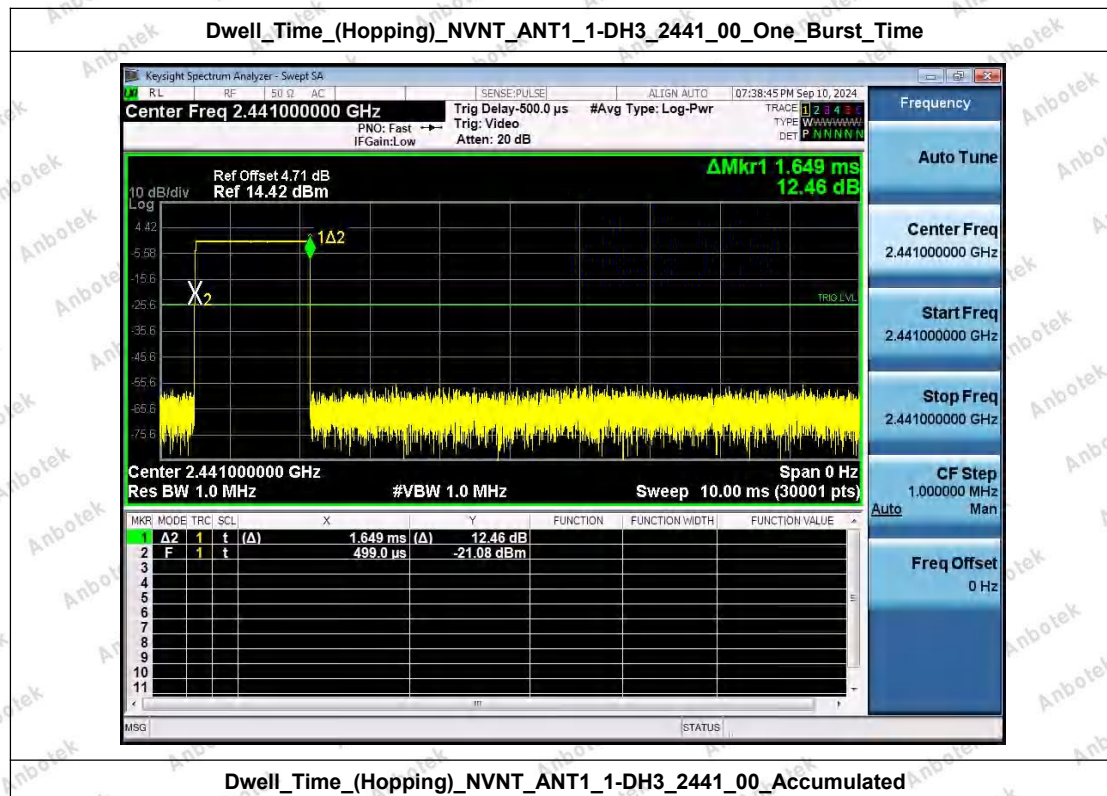


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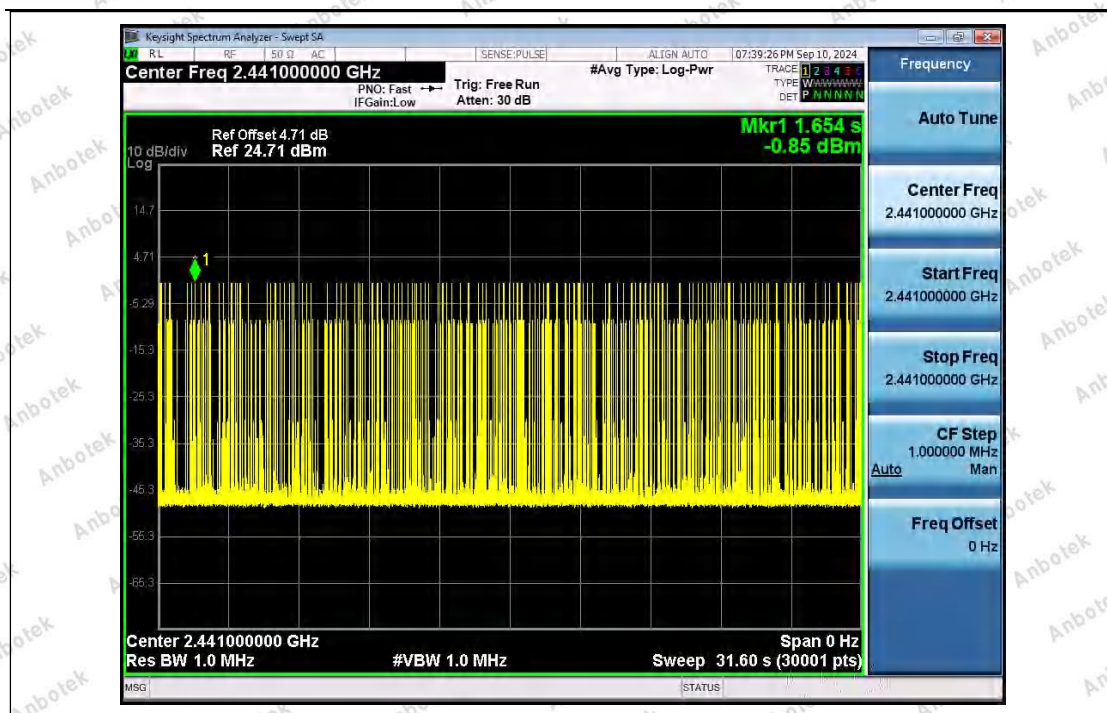


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time

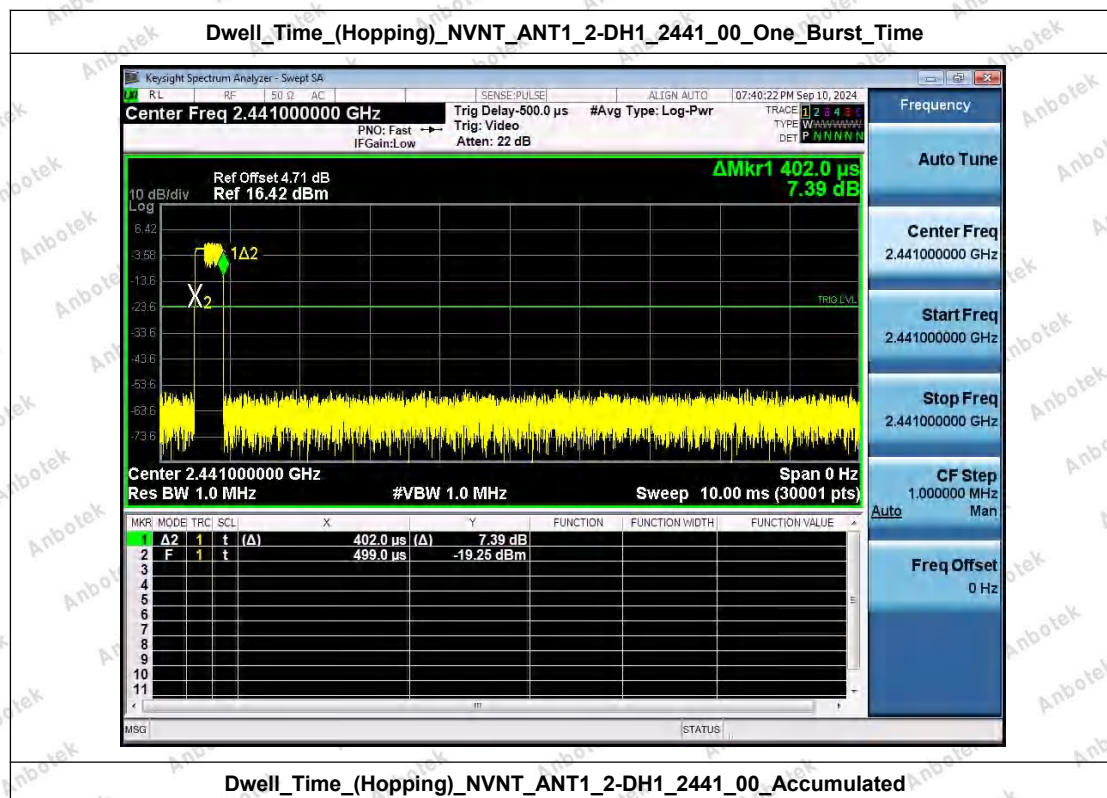


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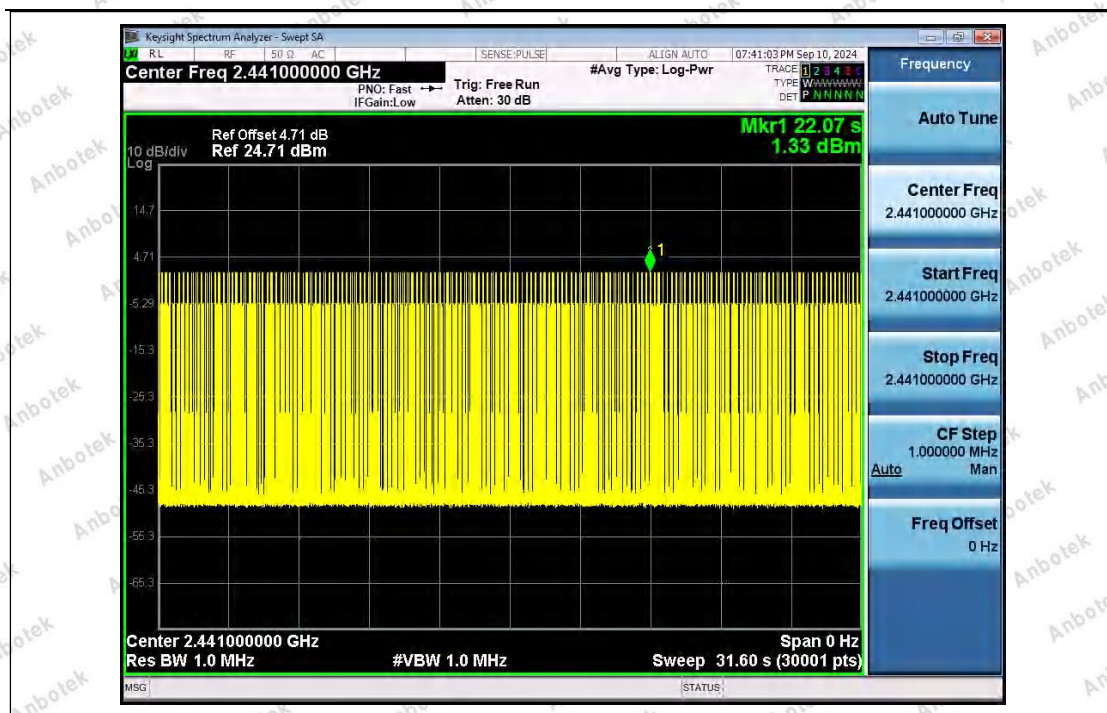


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_One_Burst_Time

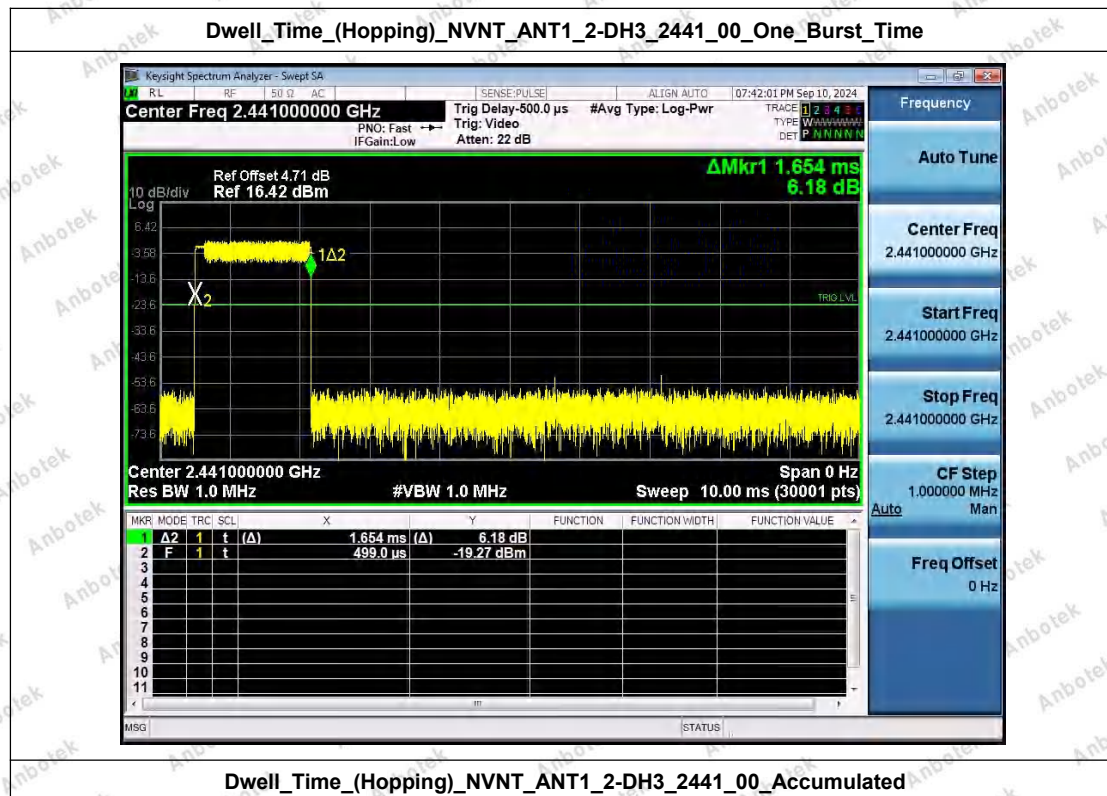


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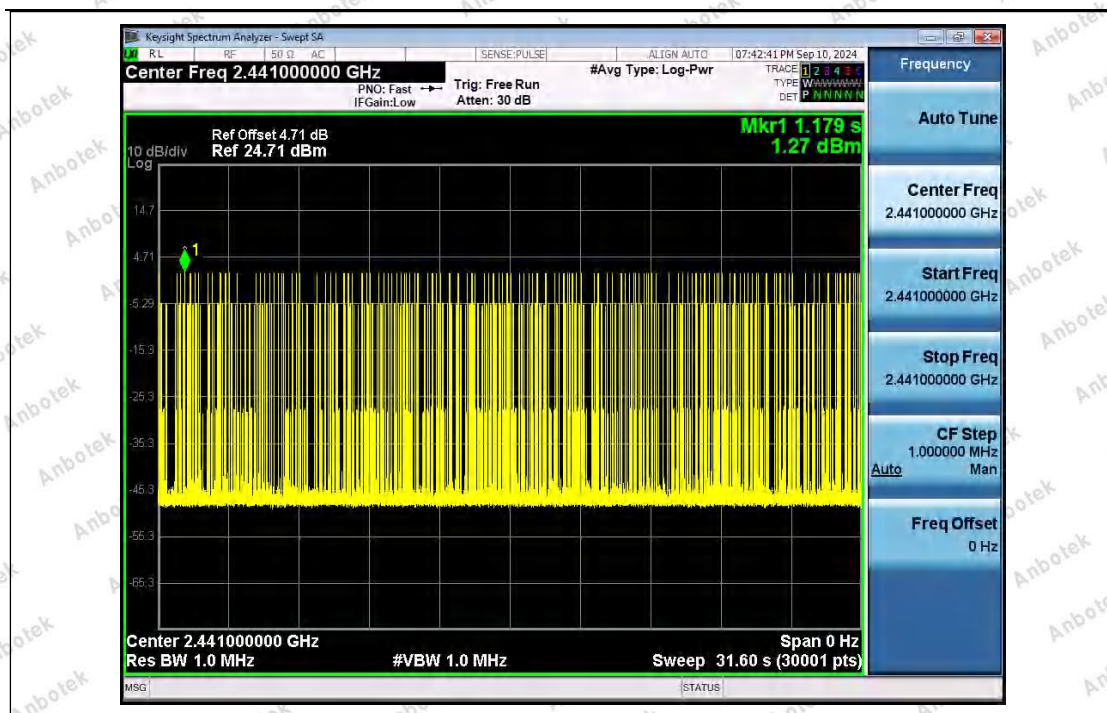


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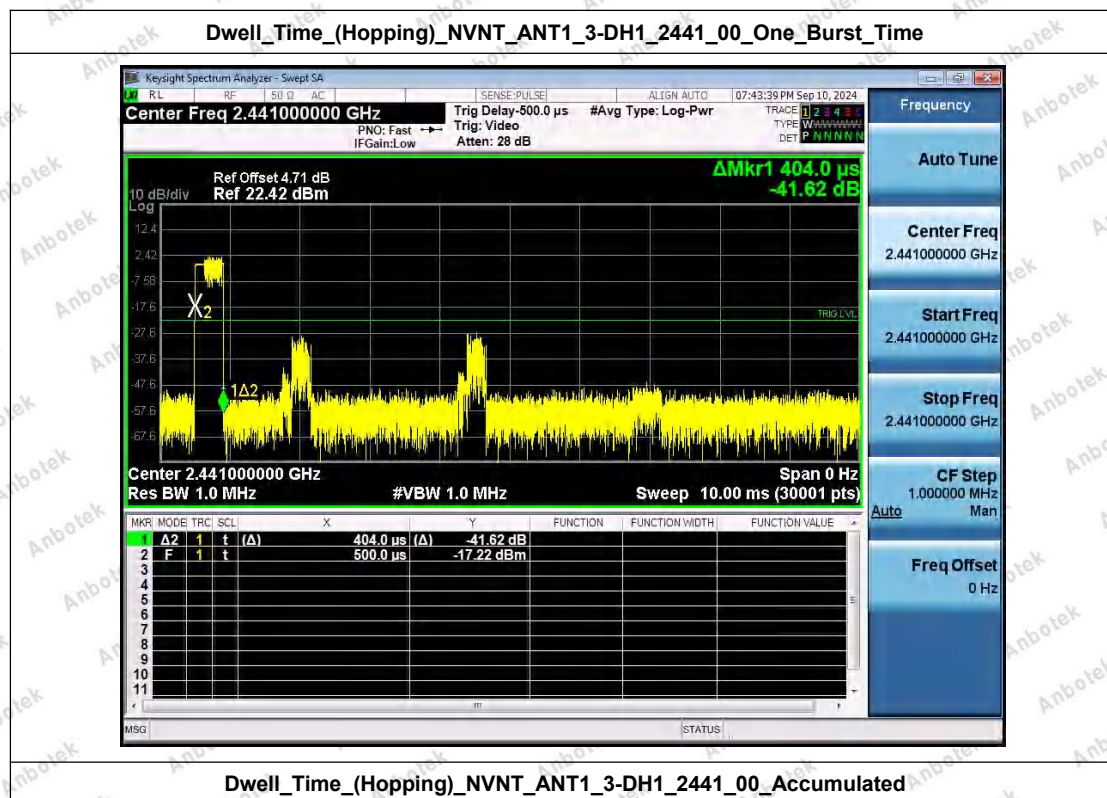


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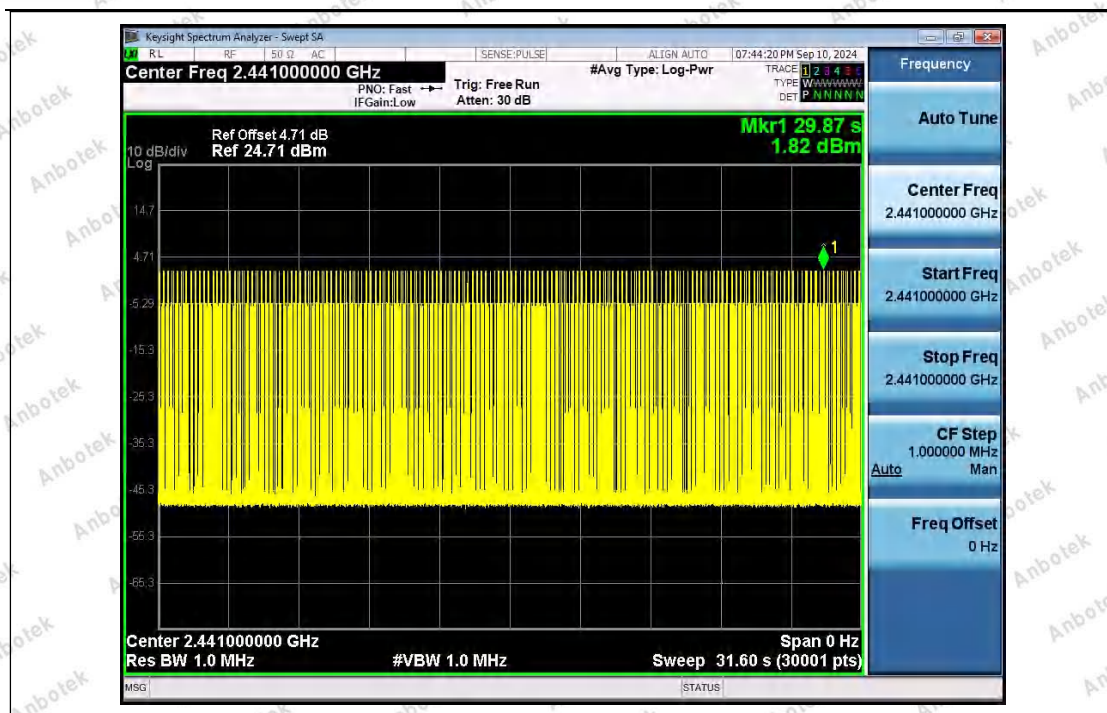


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_One_Burst_Time

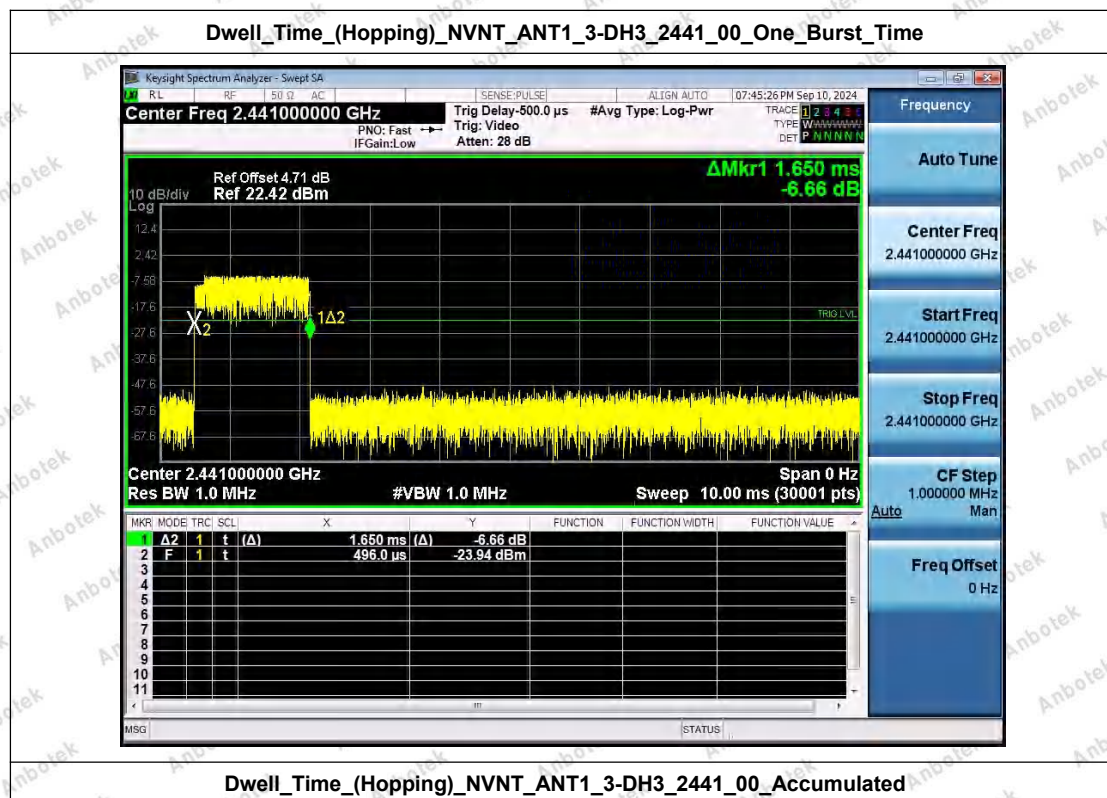


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_Accumulated



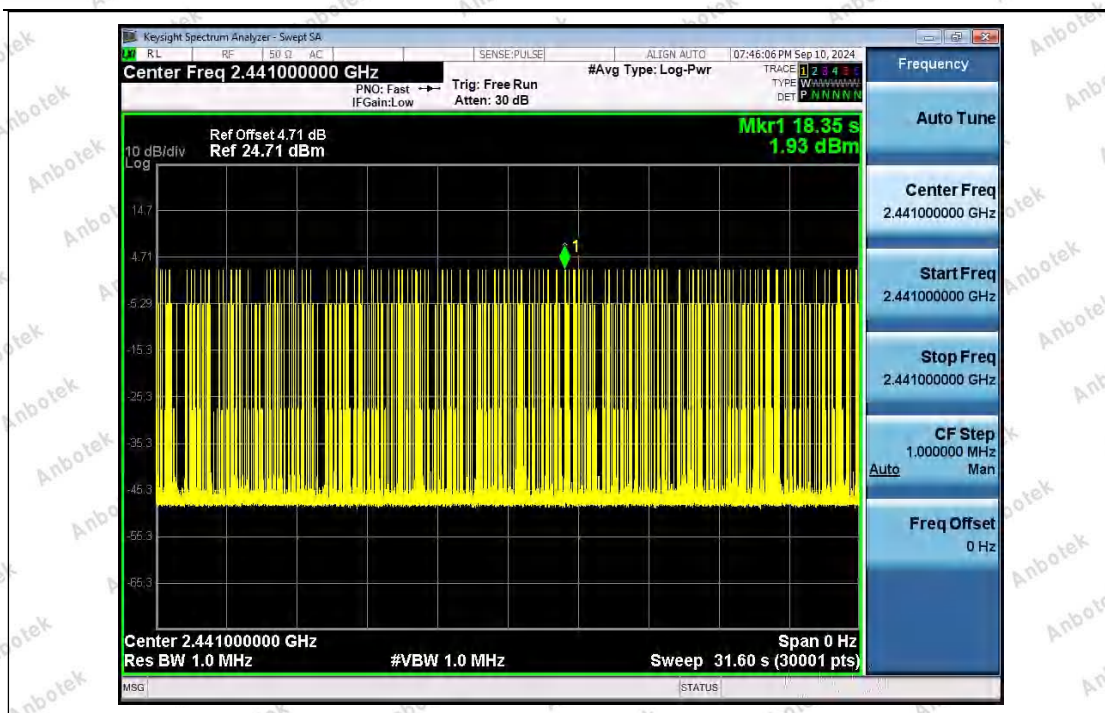


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_Accumulated





---END---

