

Appendix Test Data

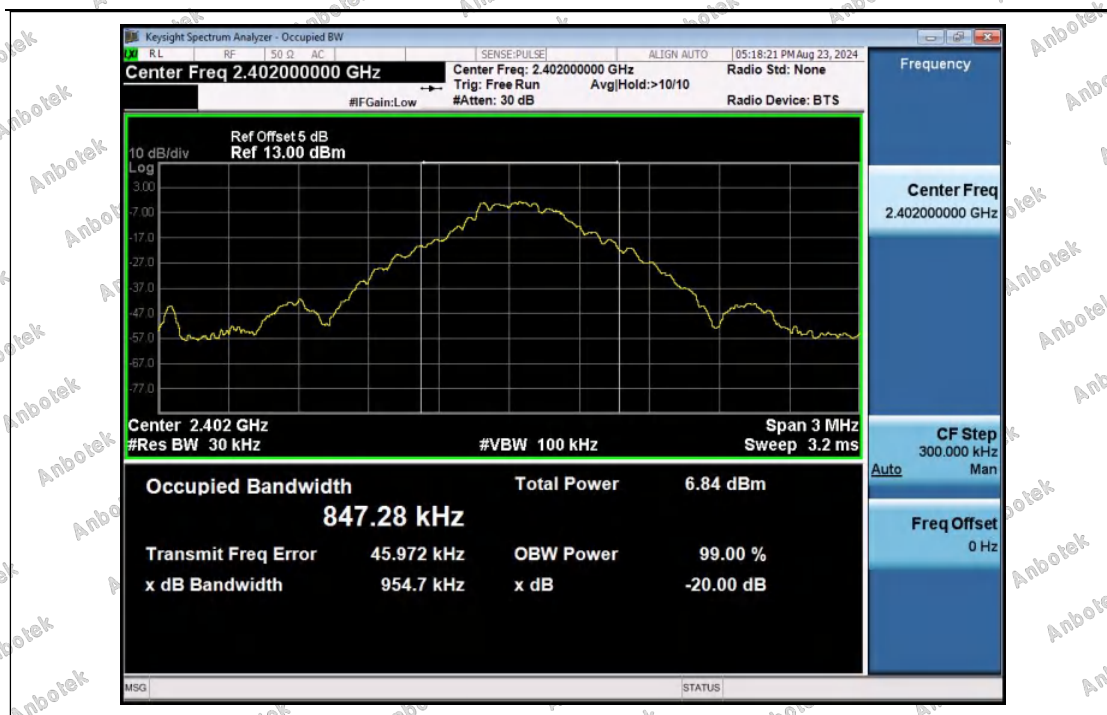
Report No.:	1812C40026212501	Test Sample No.:	1-2-2
Start Test Date:	2024.8.23	Finish Test Date:	2024.8.23
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101kPa		

Appendix A: -20dB Bandwidth

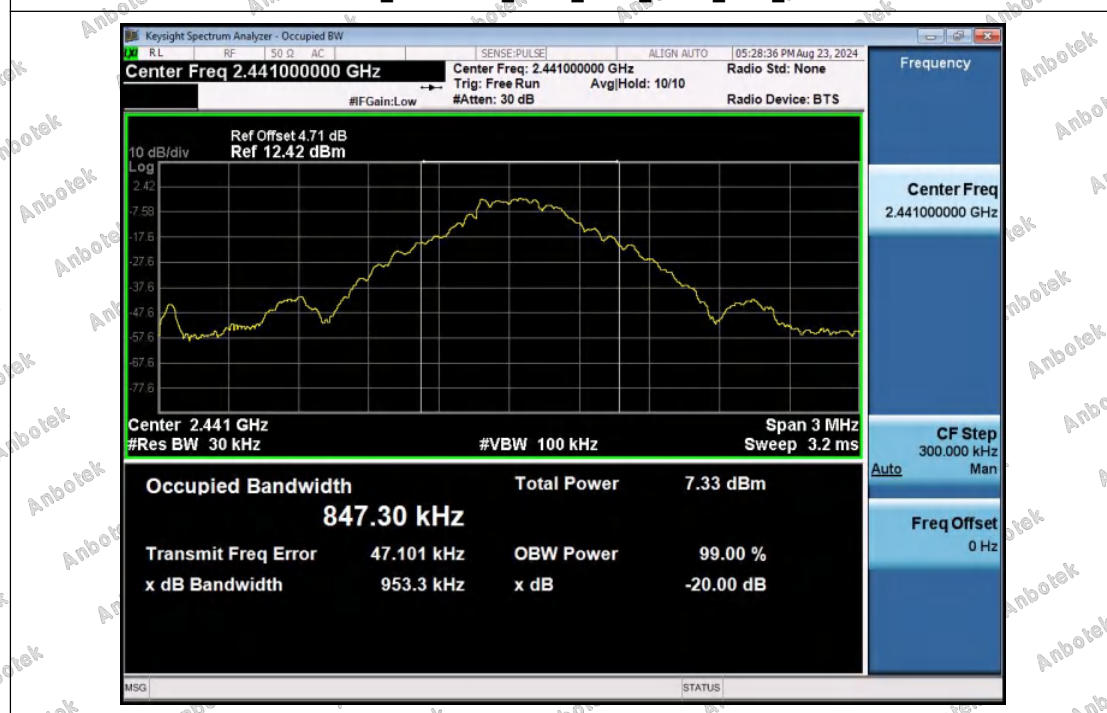
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	0.955	No
NVNT	ANT1	1-DH5	2441.00	0.953	No
NVNT	ANT1	1-DH5	2480.00	0.954	No
NVNT	ANT1	2-DH5	2402.00	1.306	Yes
NVNT	ANT1	2-DH5	2441.00	1.307	Yes
NVNT	ANT1	2-DH5	2480.00	1.305	Yes
NVNT	ANT1	3-DH5	2402.00	1.296	Yes
NVNT	ANT1	3-DH5	2441.00	1.298	Yes
NVNT	ANT1	3-DH5	2480.00	1.301	Yes

-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402_00



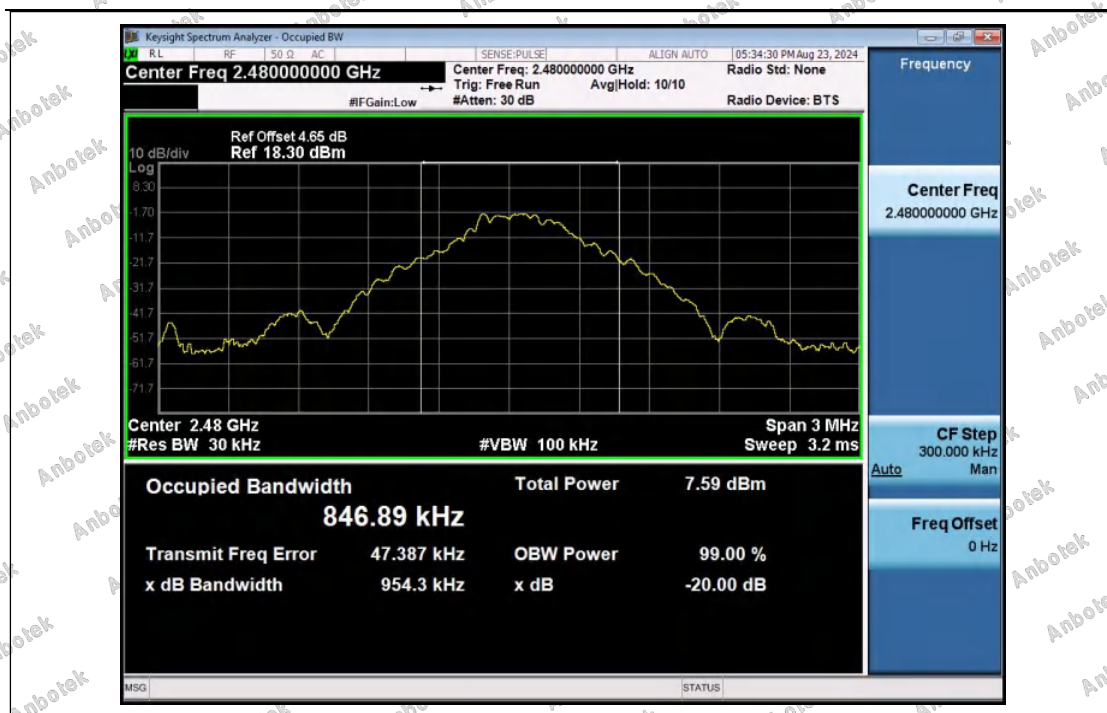


-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441_00

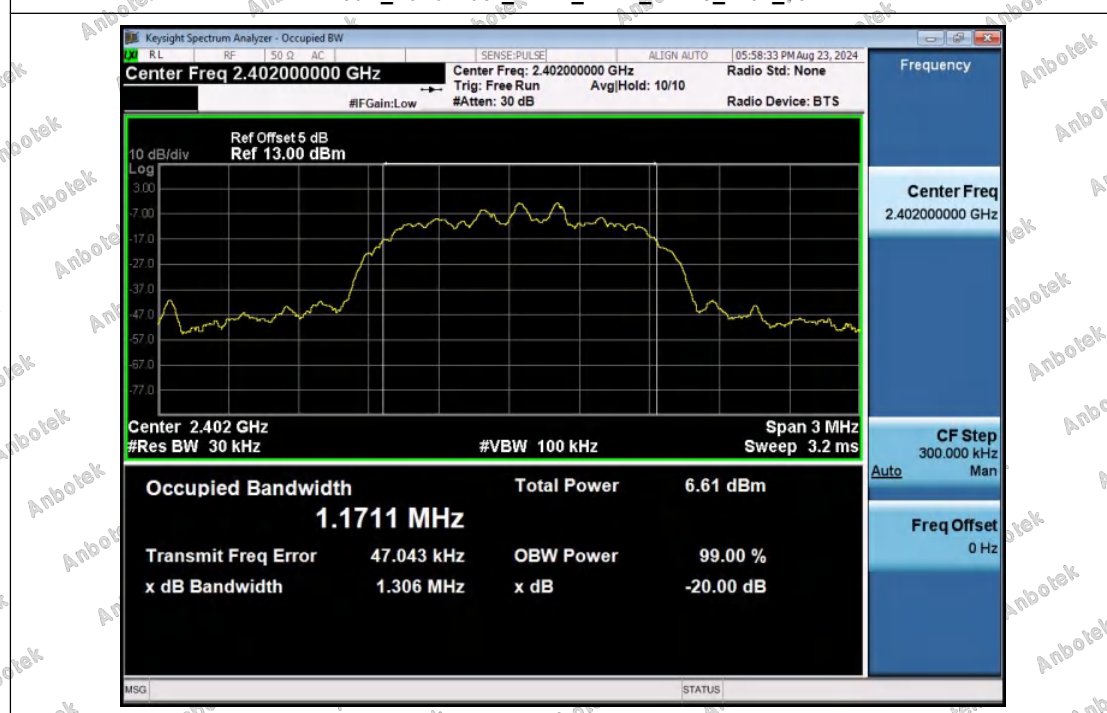


-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480_00



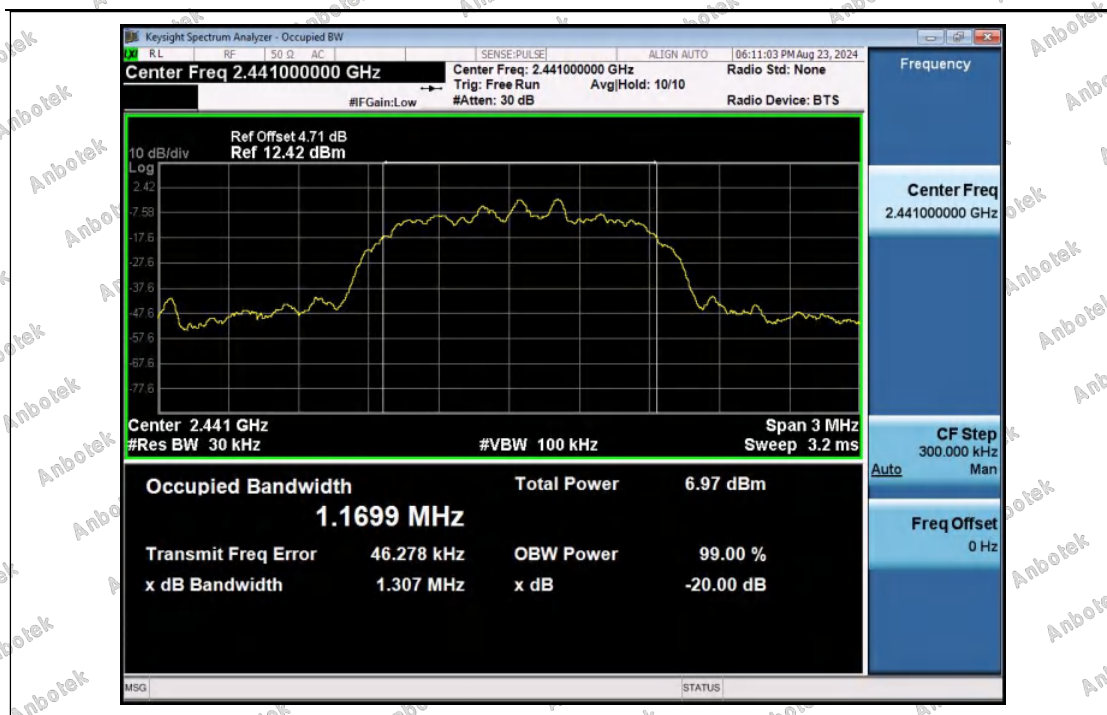


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00

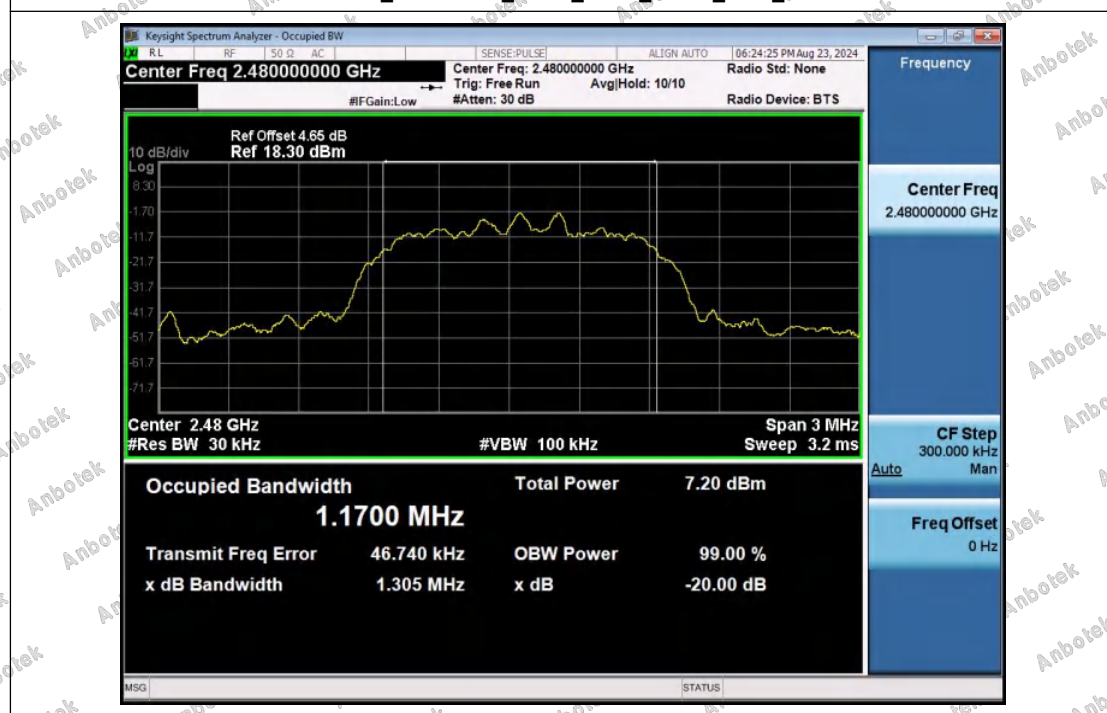


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00



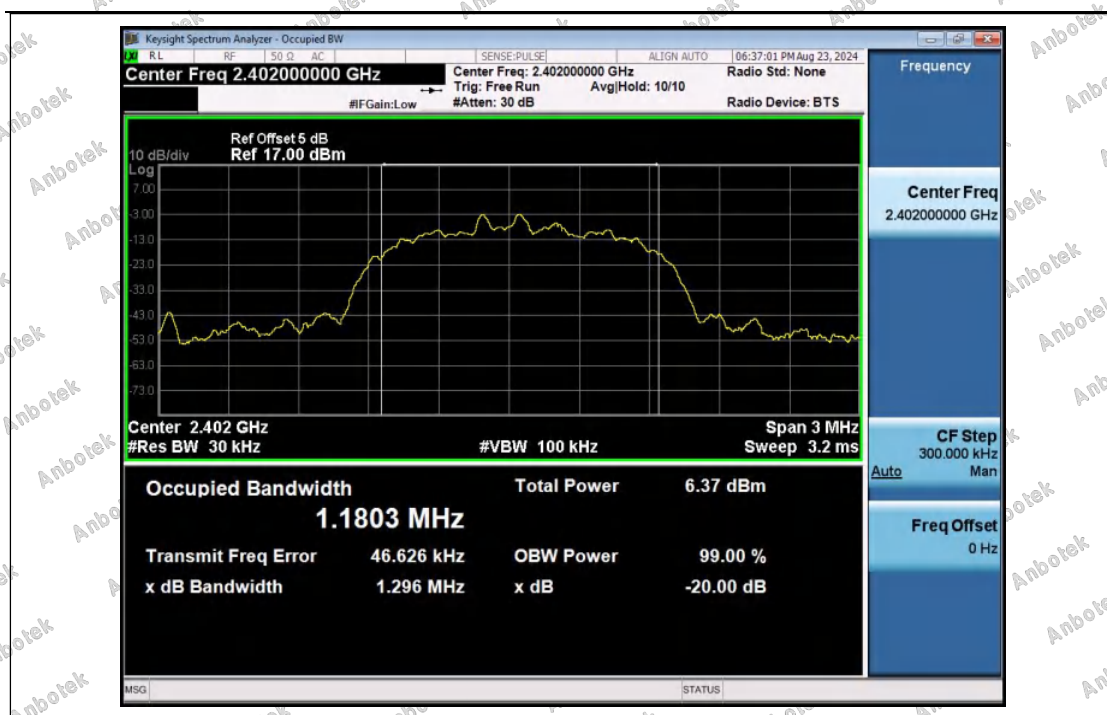


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00

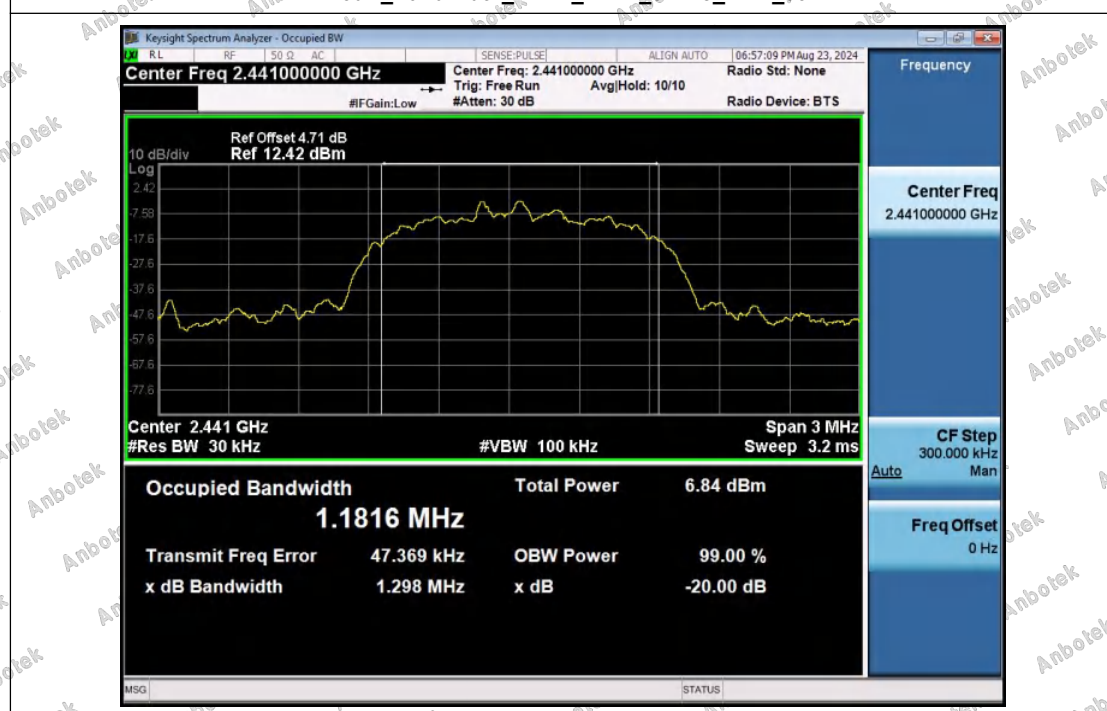


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402_00



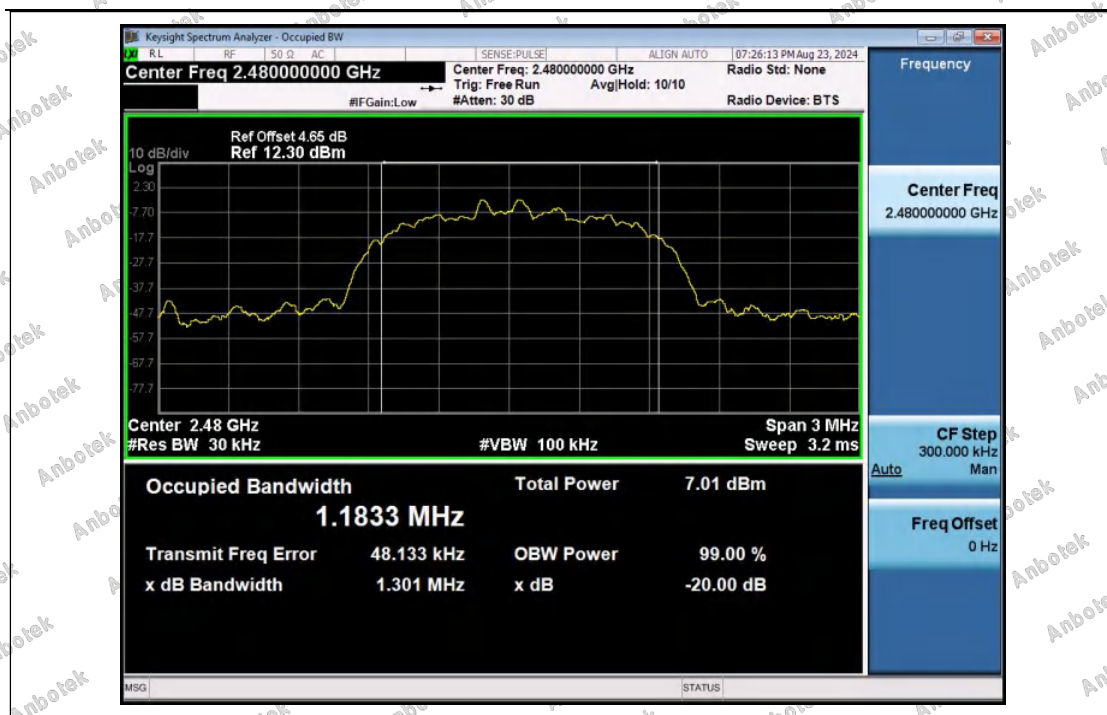


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480_00





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400-003-0500

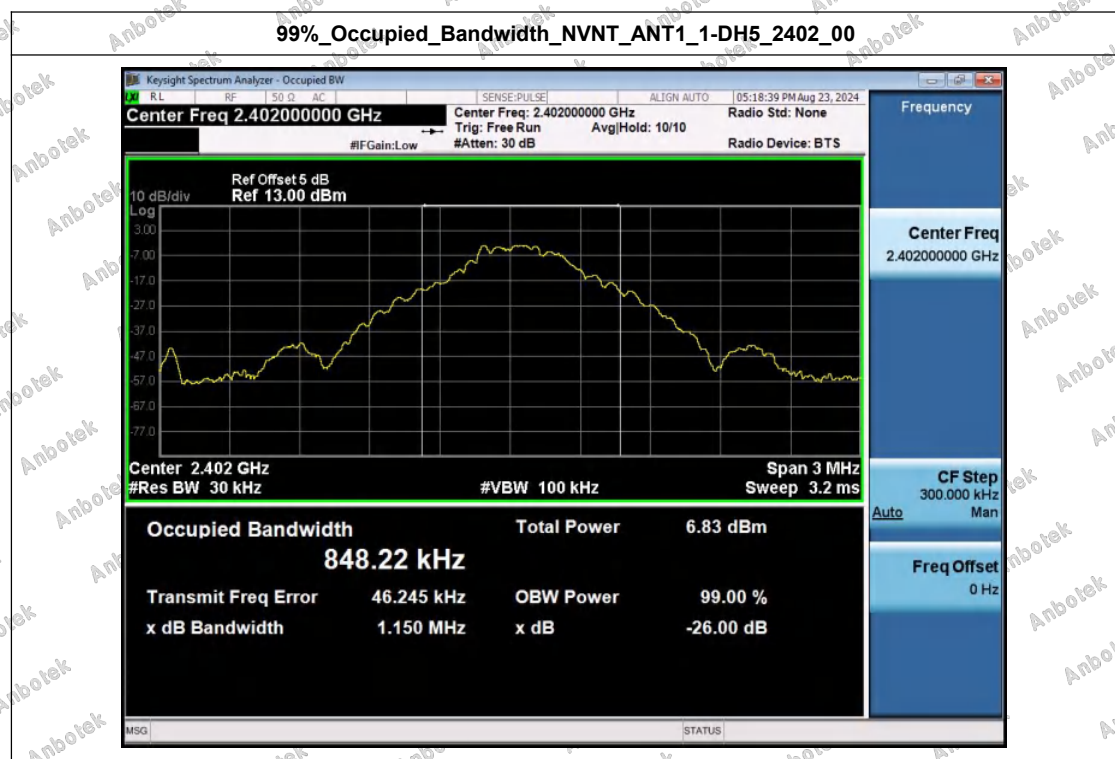
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Appendix B: 99% Occupied Bandwidth

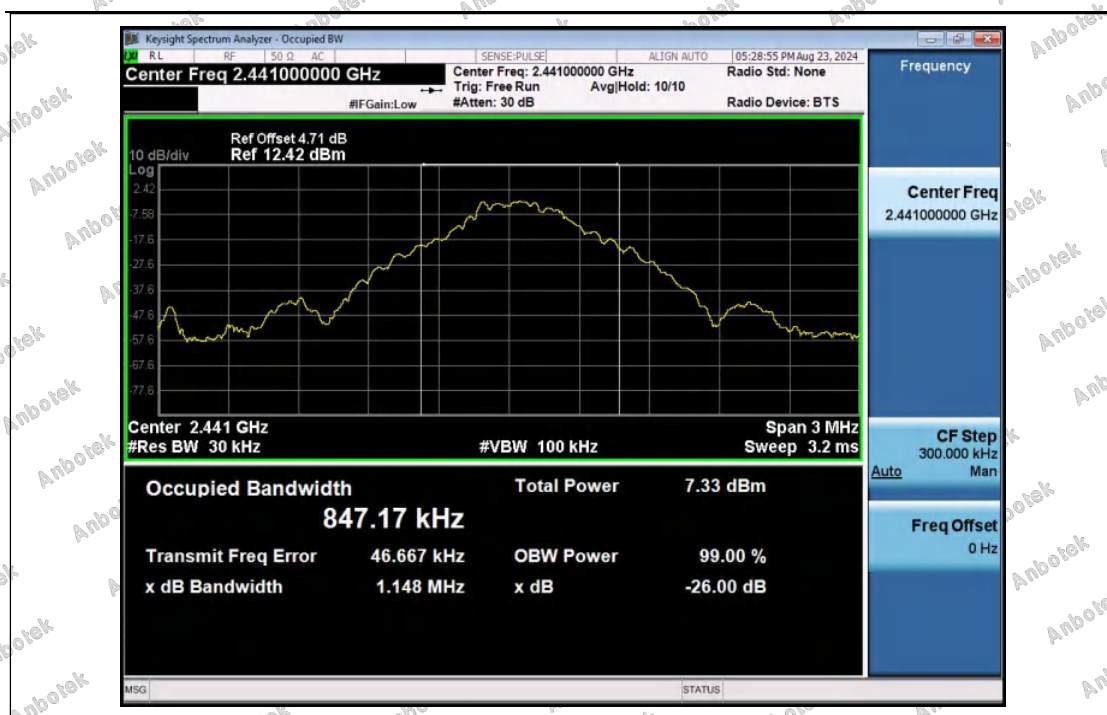
Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH5	2402.00	0.848
NVNT	ANT1	1-DH5	2441.00	0.847
NVNT	ANT1	1-DH5	2480.00	0.848
NVNT	ANT1	2-DH5	2402.00	1.170
NVNT	ANT1	2-DH5	2441.00	1.169
NVNT	ANT1	2-DH5	2480.00	1.170
NVNT	ANT1	3-DH5	2402.00	1.181
NVNT	ANT1	3-DH5	2441.00	1.184
NVNT	ANT1	3-DH5	2480.00	1.183

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402_00

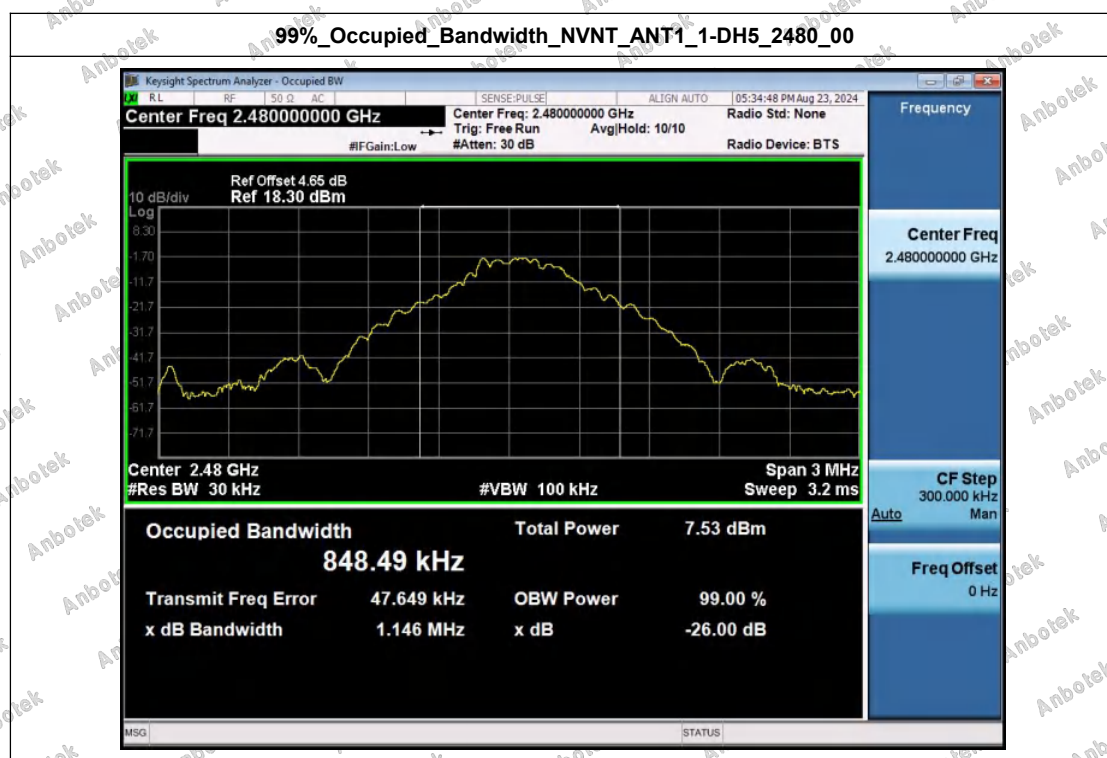


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00



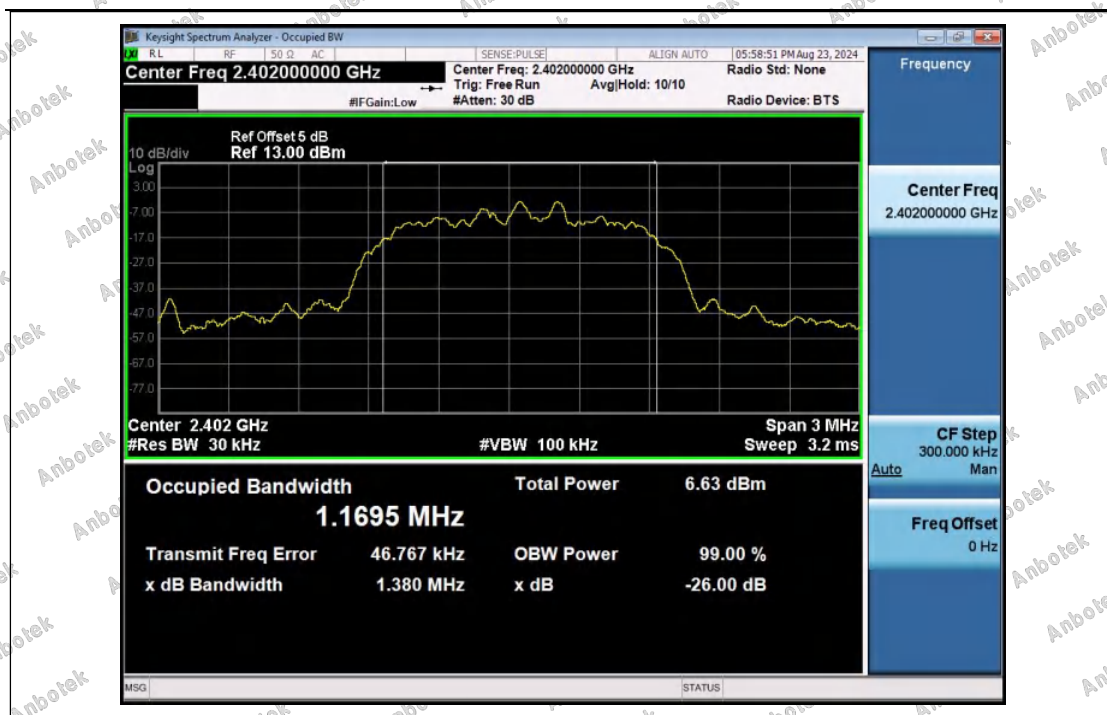


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00

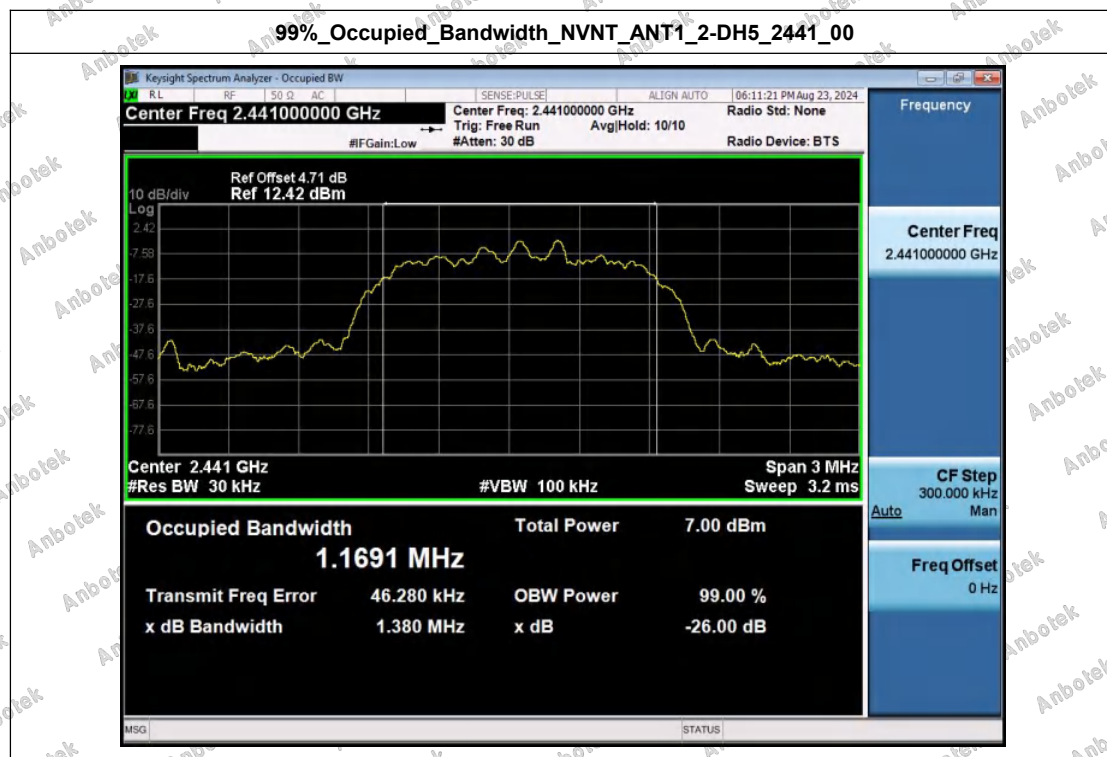


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



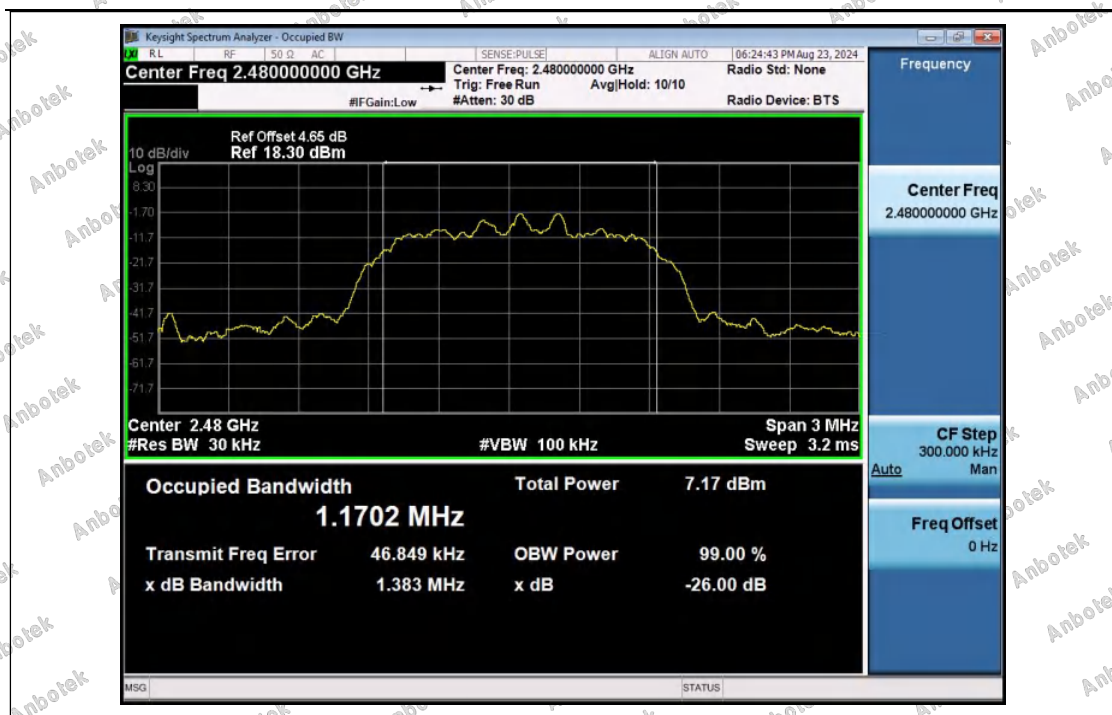


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00

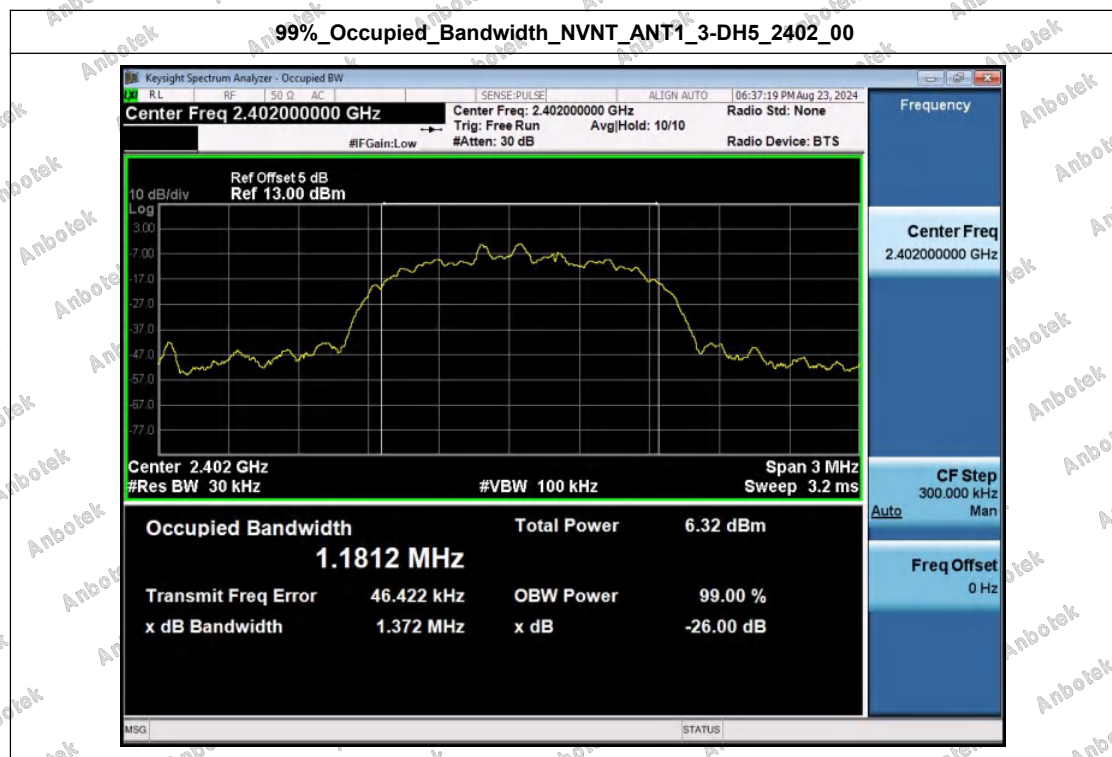


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00



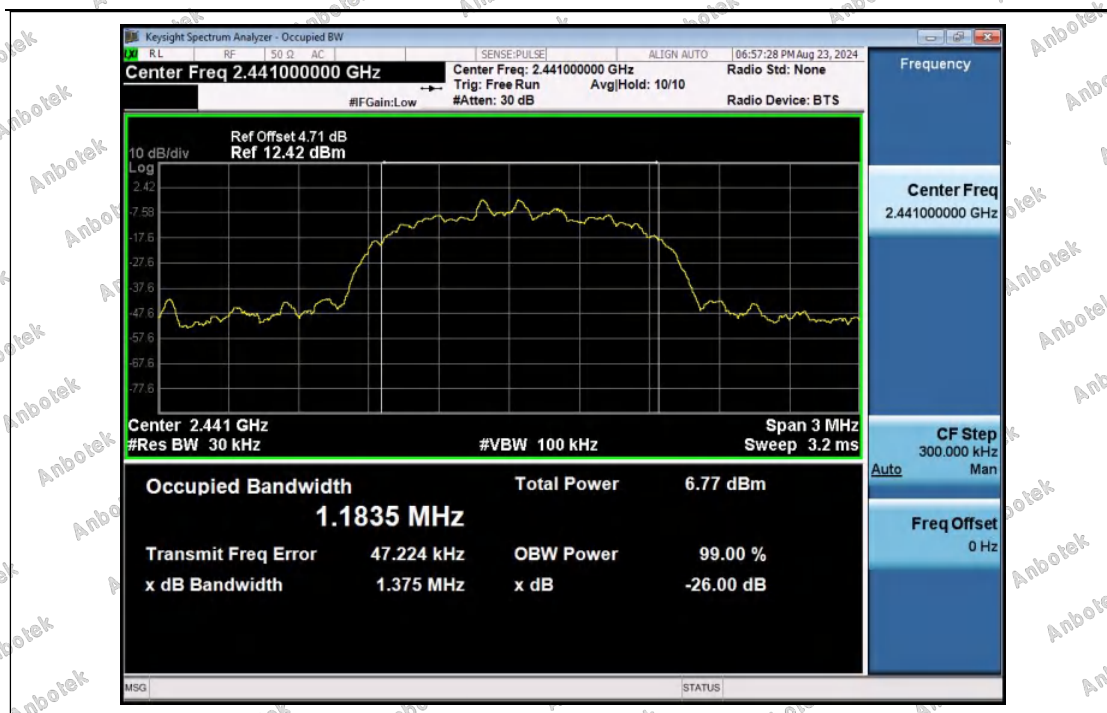


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402_00

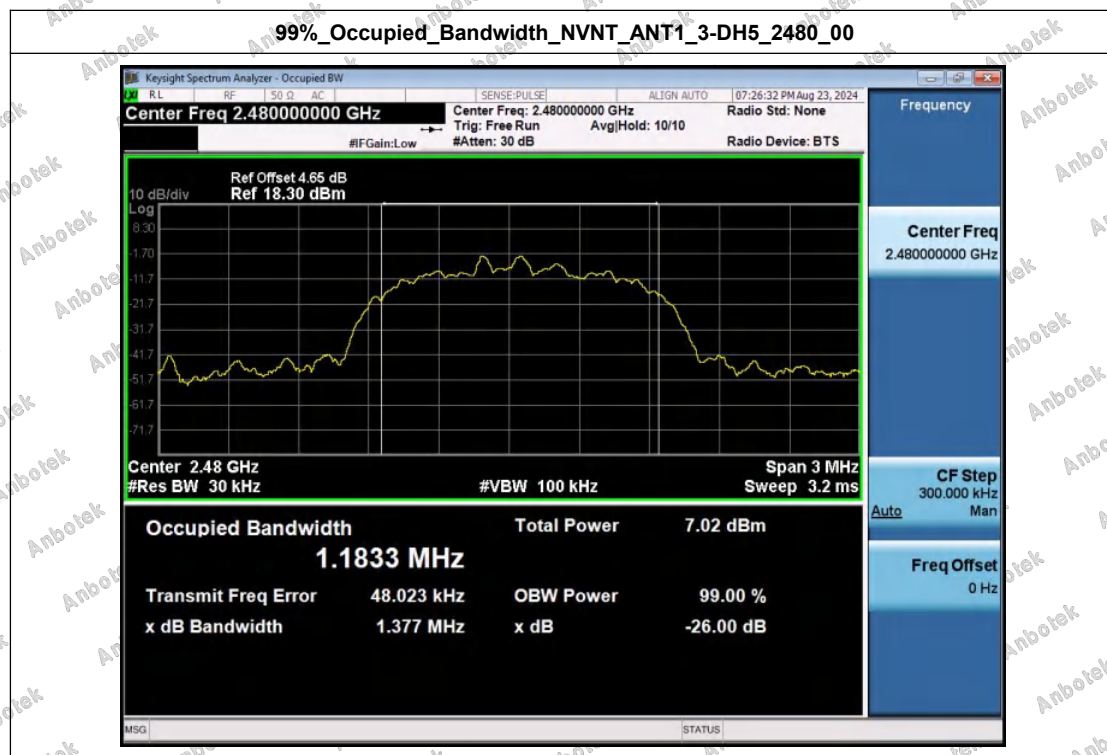


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441_00





99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480_00



Appendix C: 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	-0.60	0.87	1000	Pass
NVNT	ANT1	1-DH5	2441.00	-0.08	0.98	1000	Pass
NVNT	ANT1	1-DH5	2480.00	0.16	1.04	1000	Pass
NVNT	ANT1	2-DH5	2402.00	0.31	1.07	125	Pass
NVNT	ANT1	2-DH5	2441.00	0.66	1.16	125	Pass
NVNT	ANT1	2-DH5	2480.00	0.85	1.22	125	Pass
NVNT	ANT1	3-DH5	2402.00	0.52	1.13	125	Pass
NVNT	ANT1	3-DH5	2441.00	0.93	1.24	125	Pass
NVNT	ANT1	3-DH5	2480.00	1.12	1.30	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

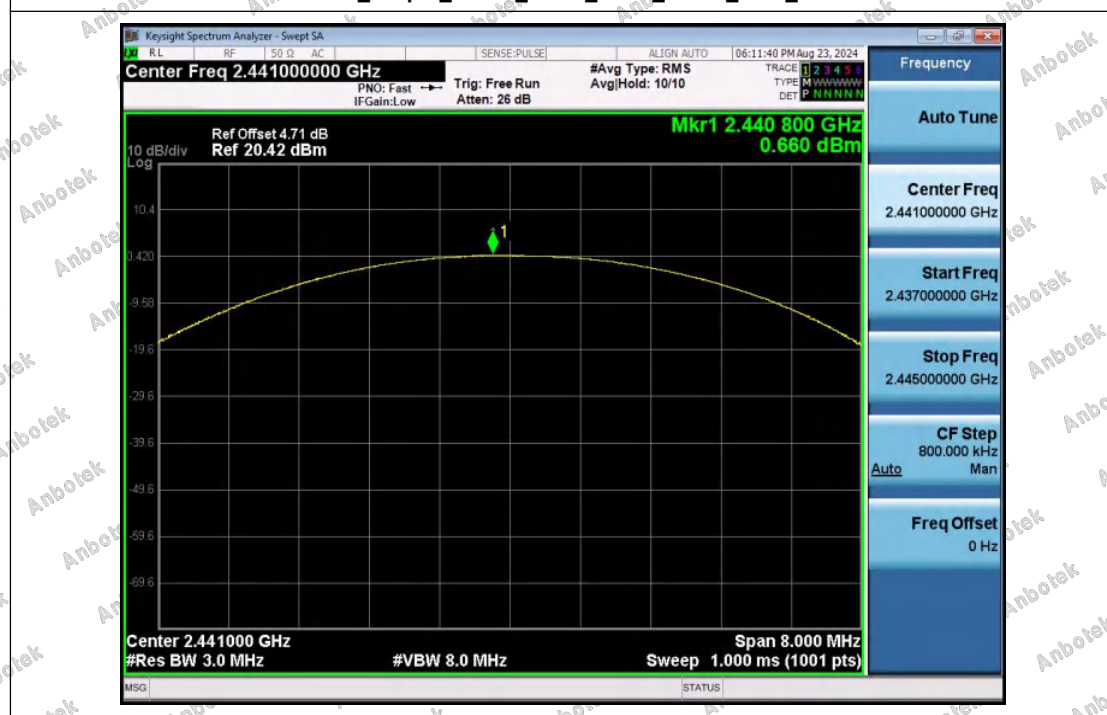


Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00





Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00

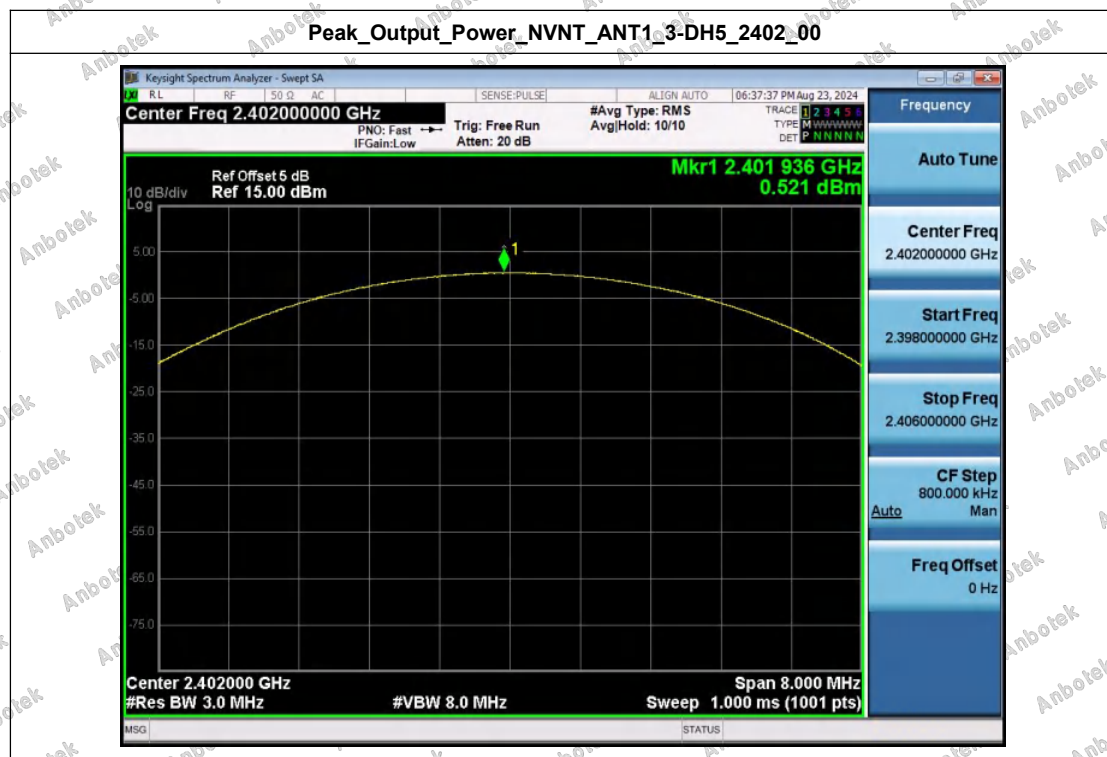


Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00





Peak_Output_Power_NVNT_ANT1_3-DH5_2402_00

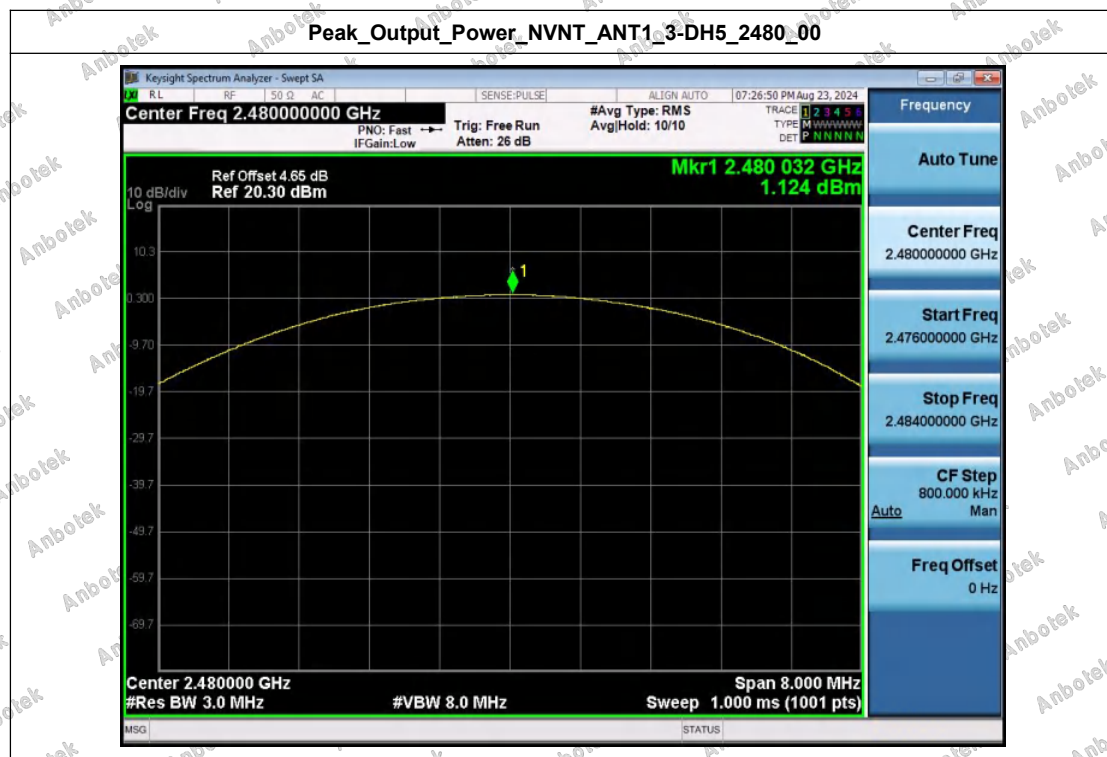


Peak_Output_Power_NVNT_ANT1_3-DH5_2441_00





Peak_Output_Power_NVNT_ANT1_3-DH5_2480_00



Appendix D: Spurious Emissions

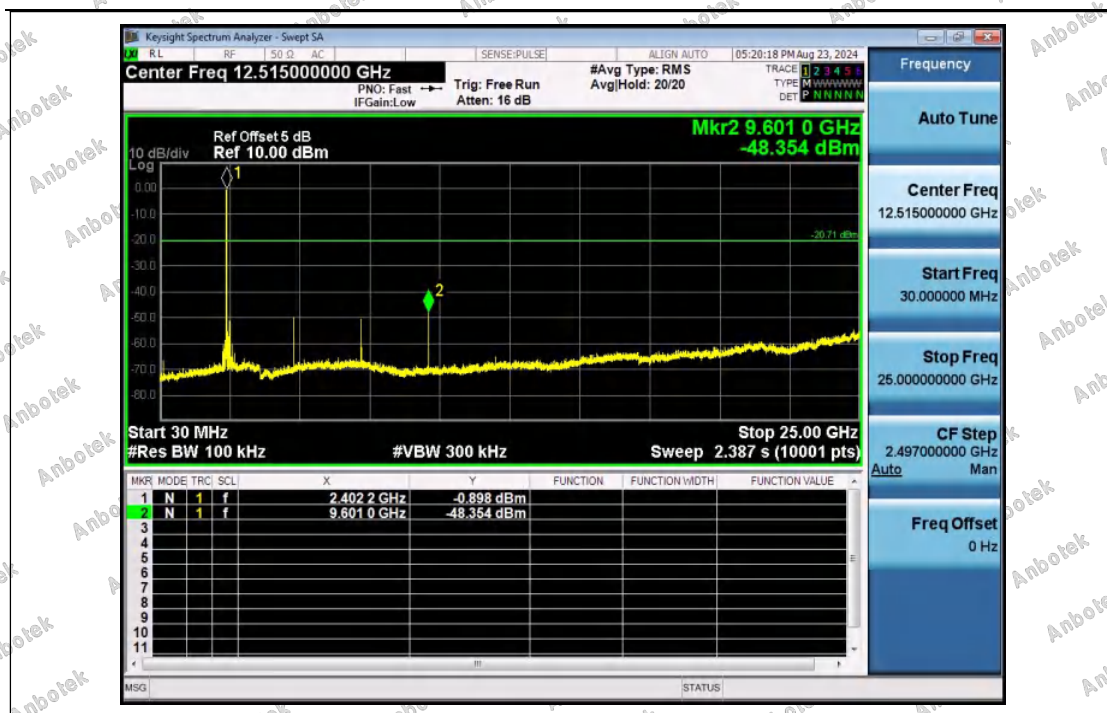
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-48.354	-20.708	Pass
NVNT	ANT1	1-DH5	2441.00	-47.585	-20.155	Pass
NVNT	ANT1	1-DH5	2480.00	-46.779	-19.893	Pass
NVNT	ANT1	2-DH5	2402.00	-48.032	-20.713	Pass
NVNT	ANT1	2-DH5	2441.00	-46.944	-20.430	Pass
NVNT	ANT1	2-DH5	2480.00	-47.100	-20.140	Pass
NVNT	ANT1	3-DH5	2402.00	-48.247	-20.787	Pass
NVNT	ANT1	3-DH5	2441.00	-47.222	-20.445	Pass
NVNT	ANT1	3-DH5	2480.00	-47.186	-20.430	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

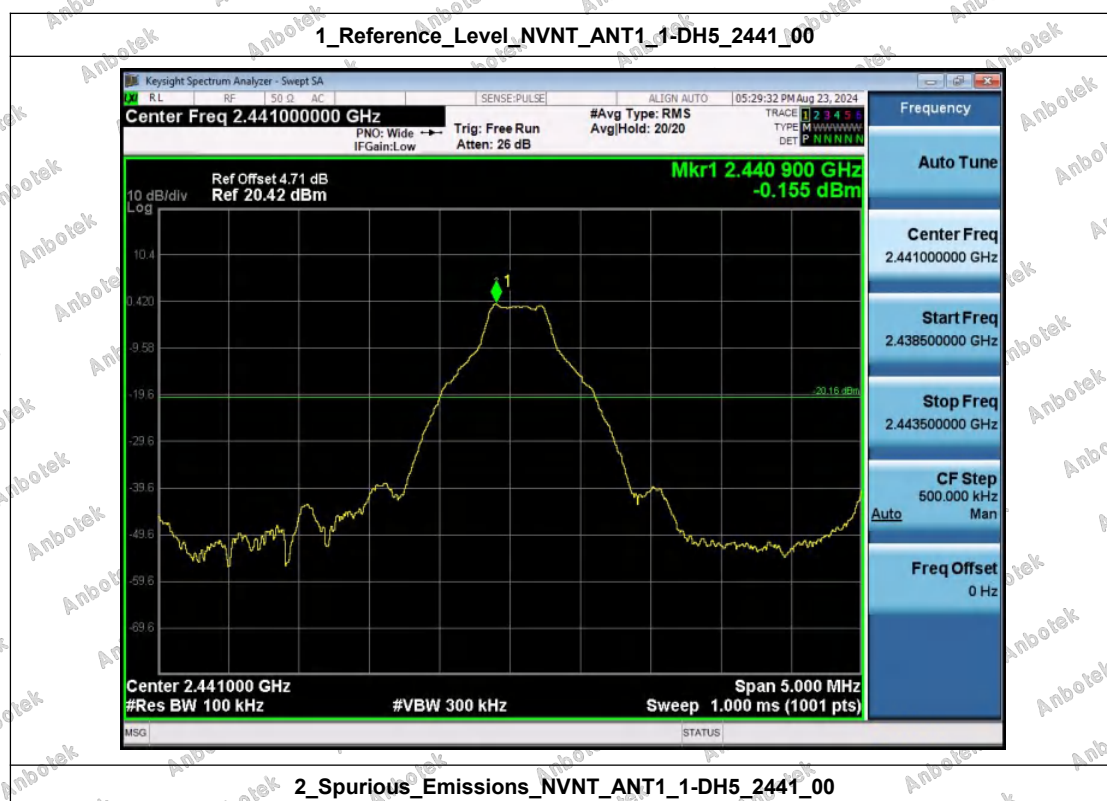


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



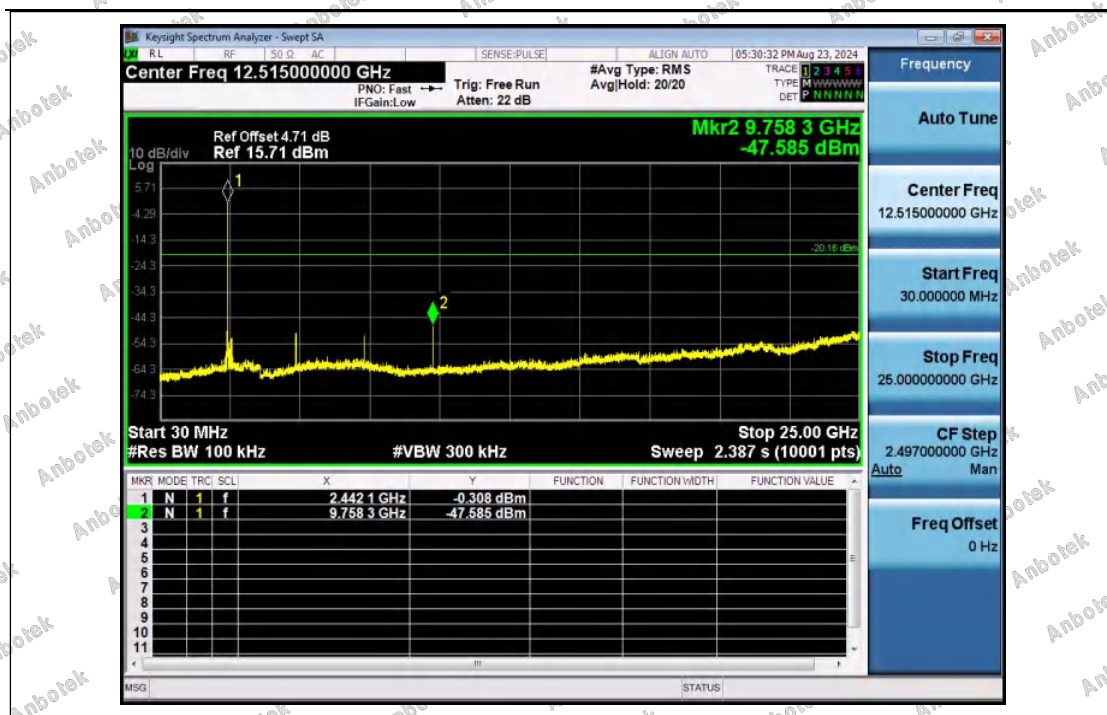


1_Reference_Level_NVNT_ANT1_1-DH5_2441_00

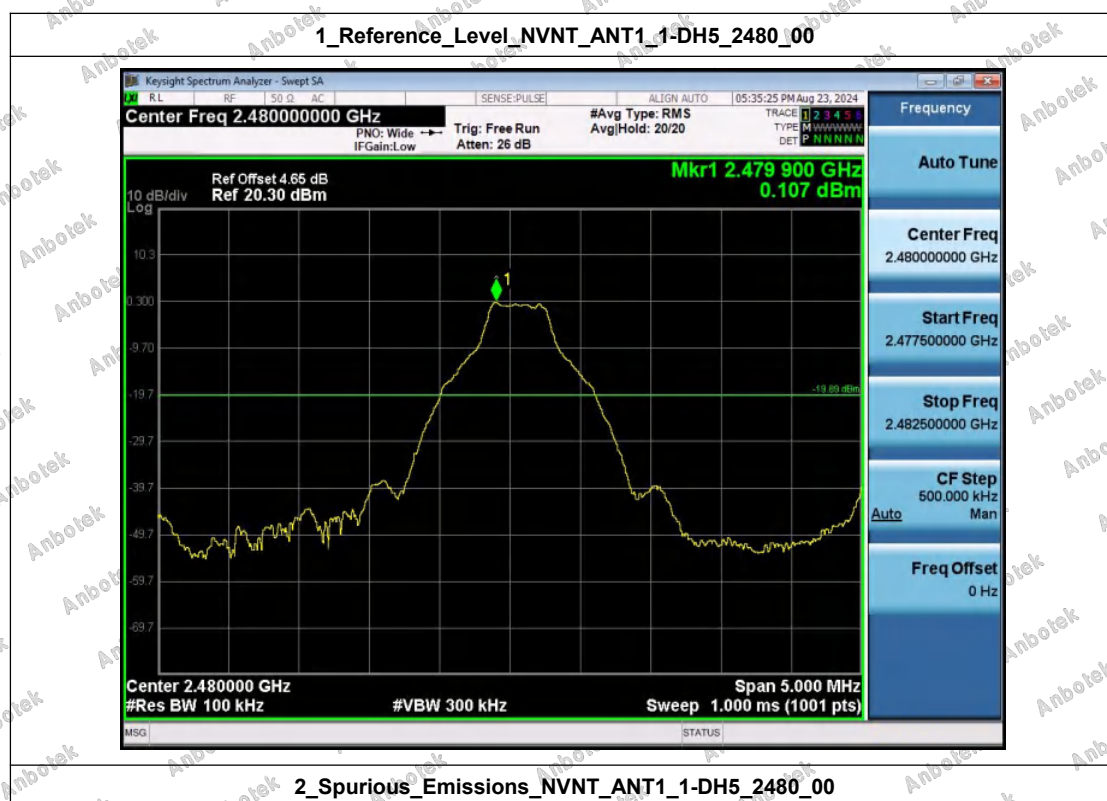


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



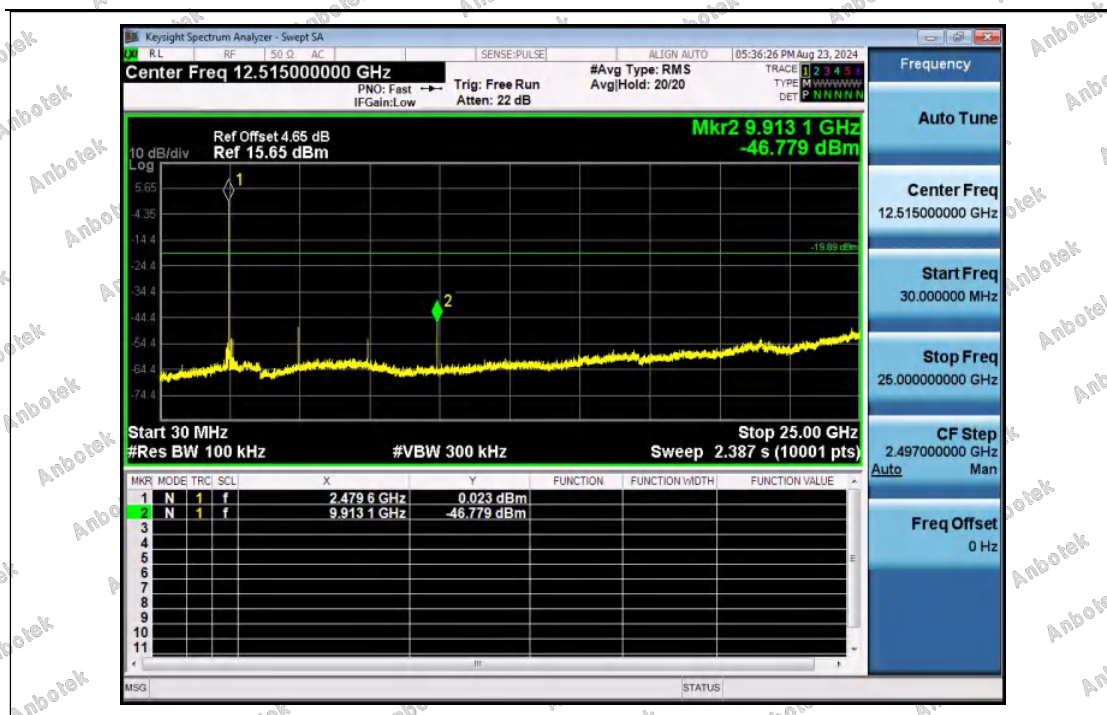


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

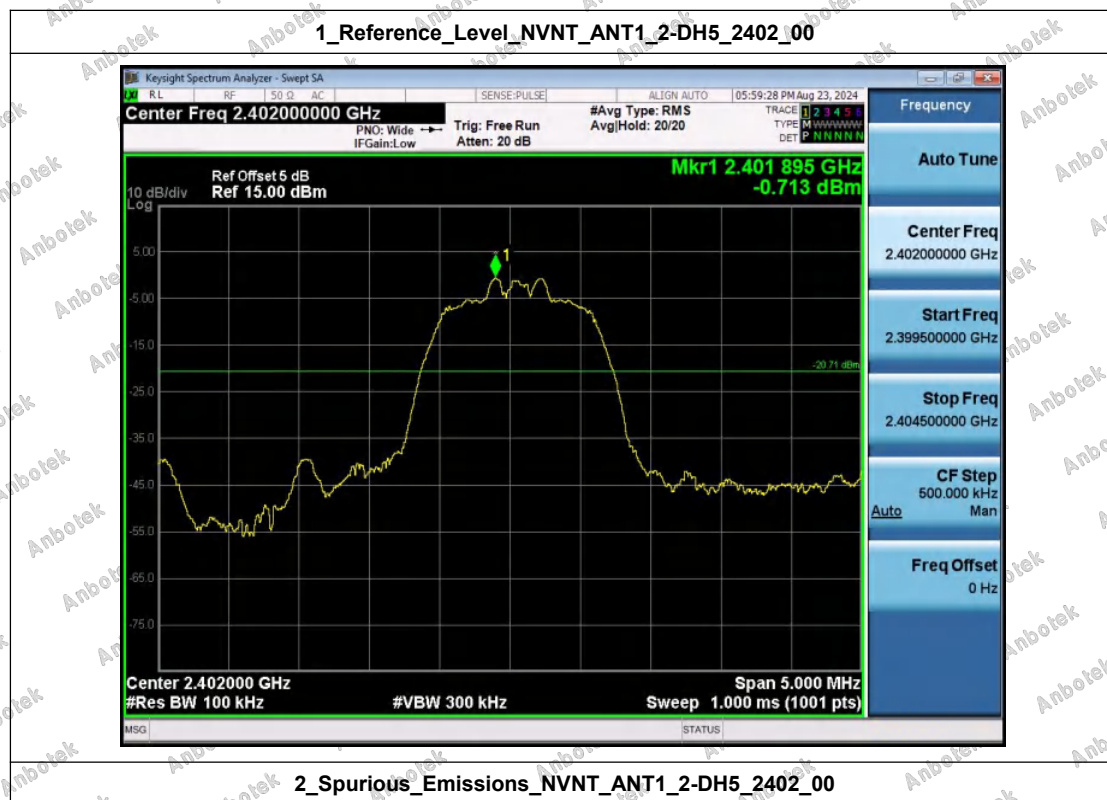


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00



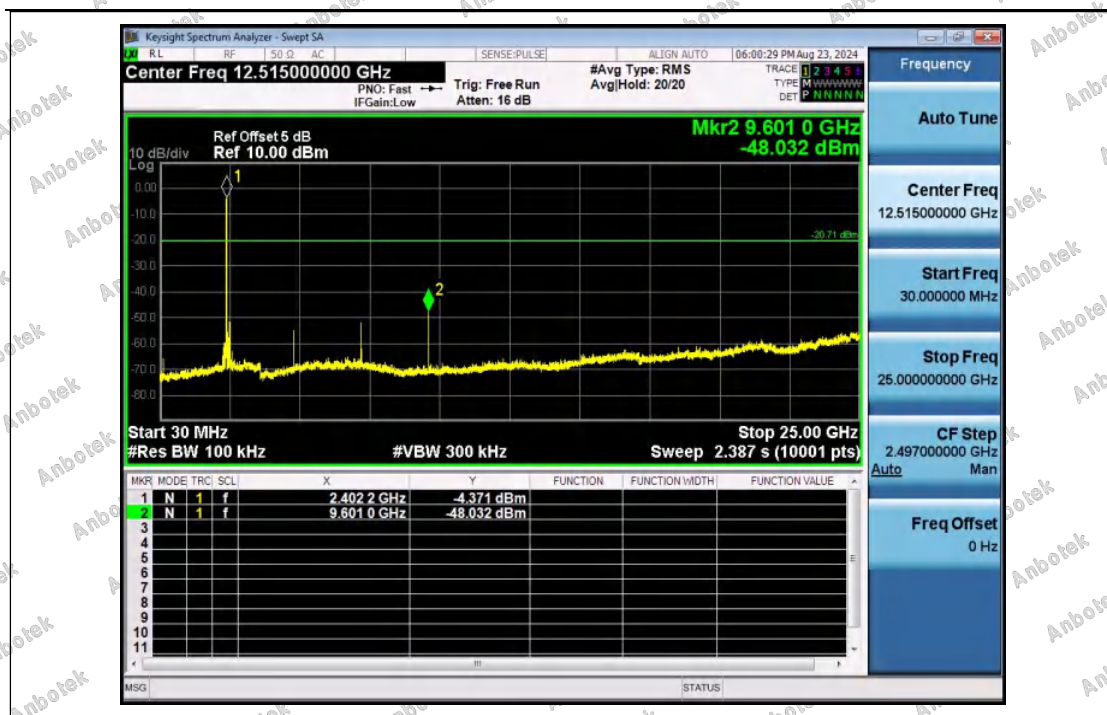


1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

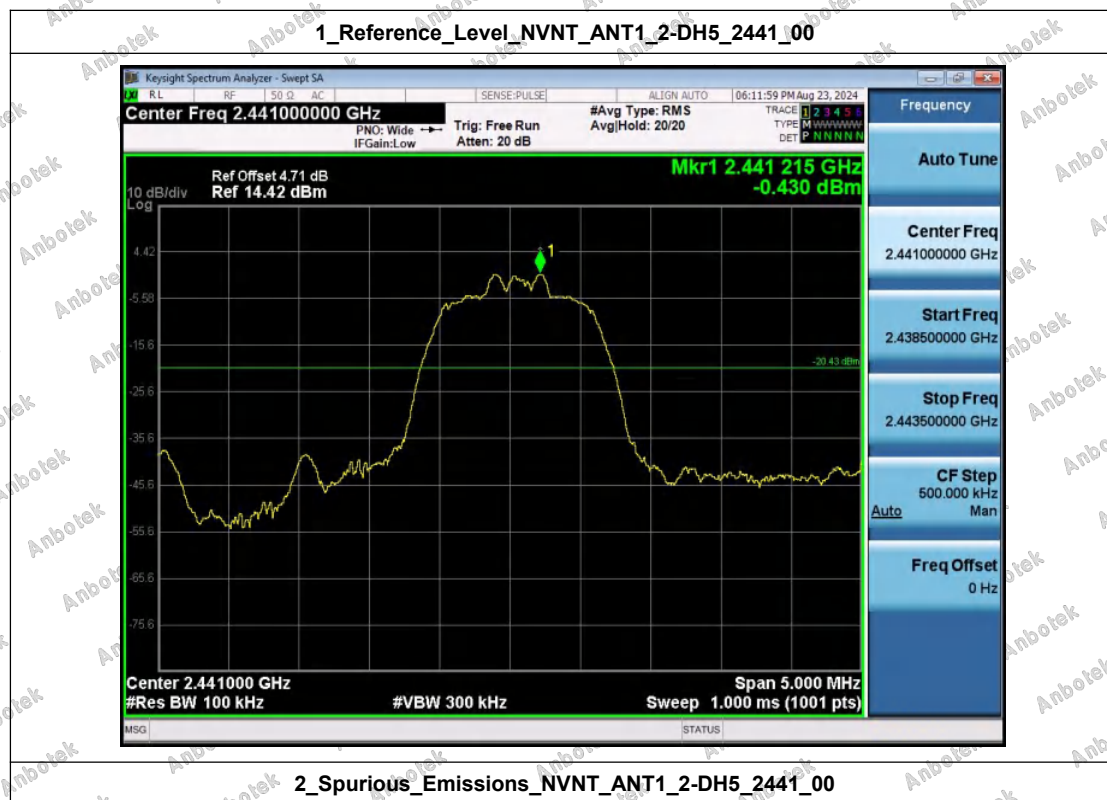


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



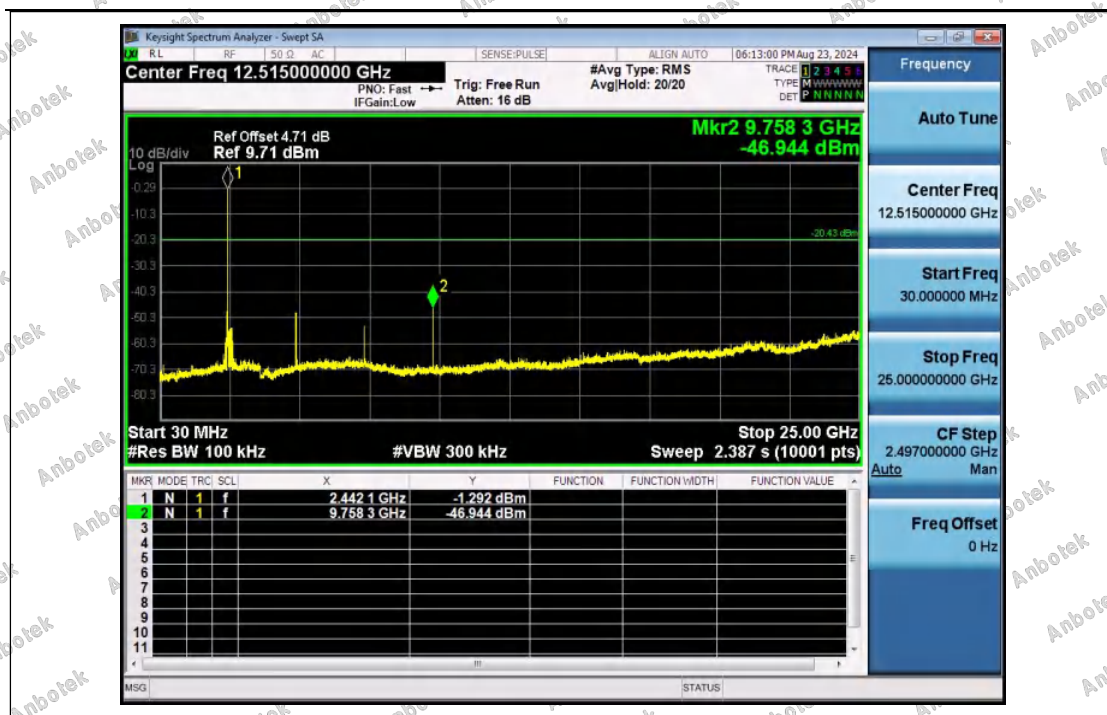


1_Reference_Level_NVNT_ANT1_2-DH5_2441_00

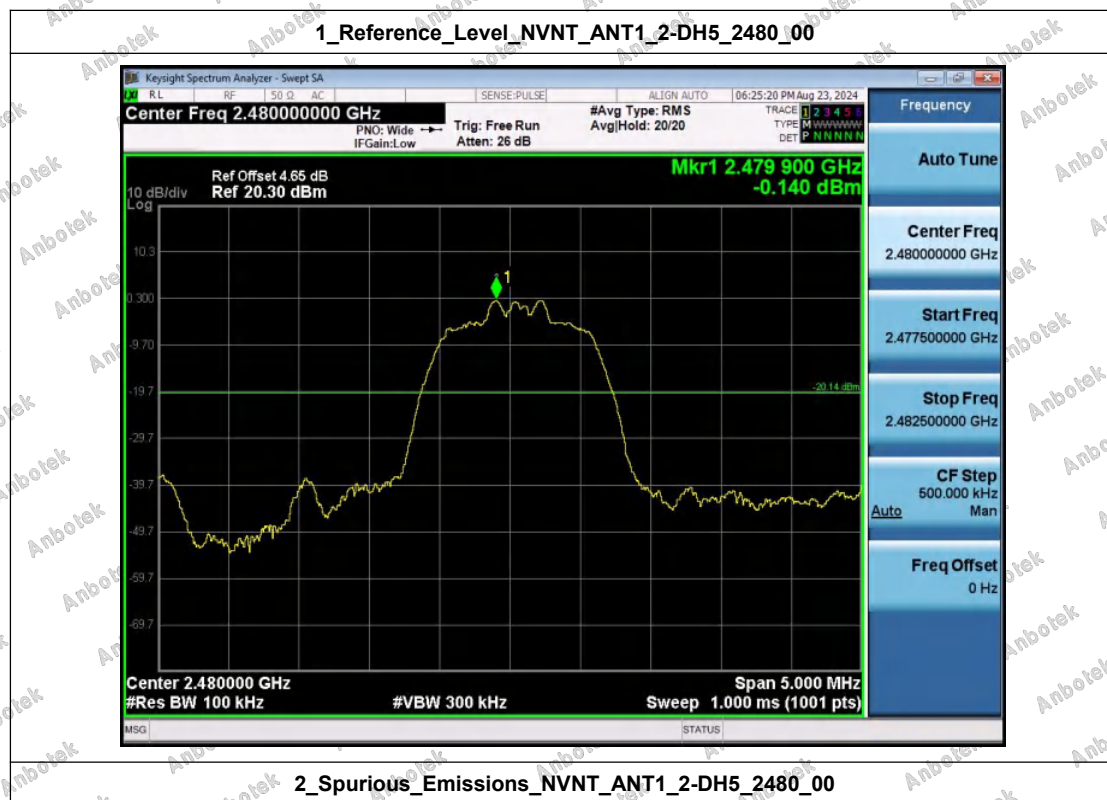


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



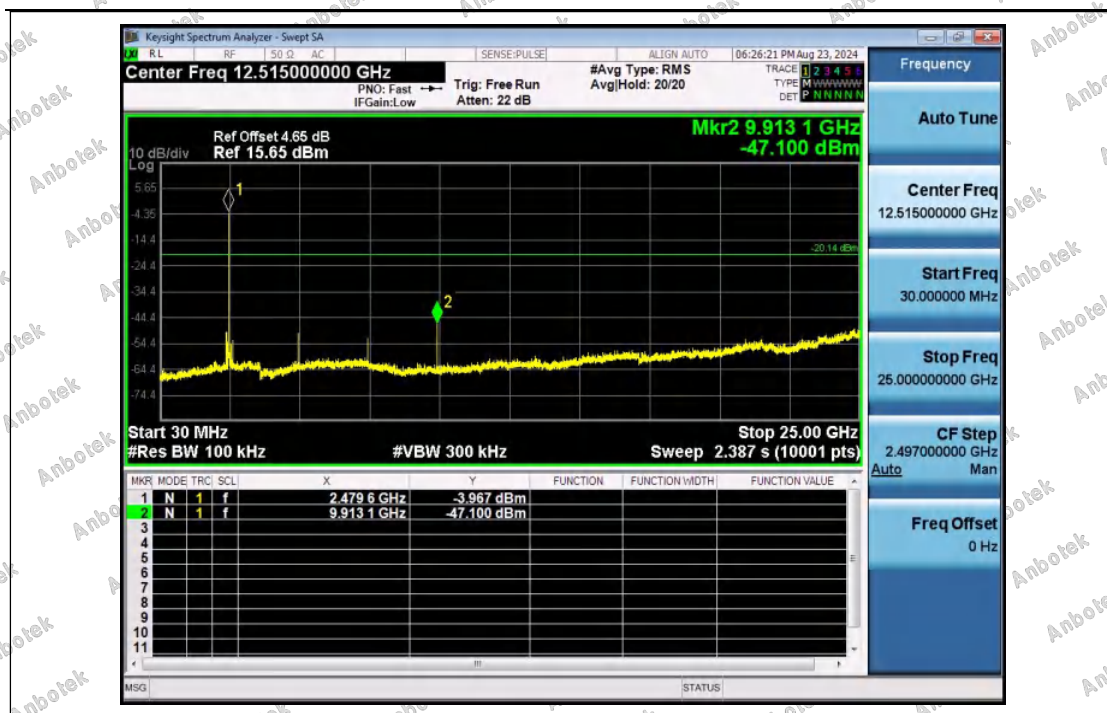


1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

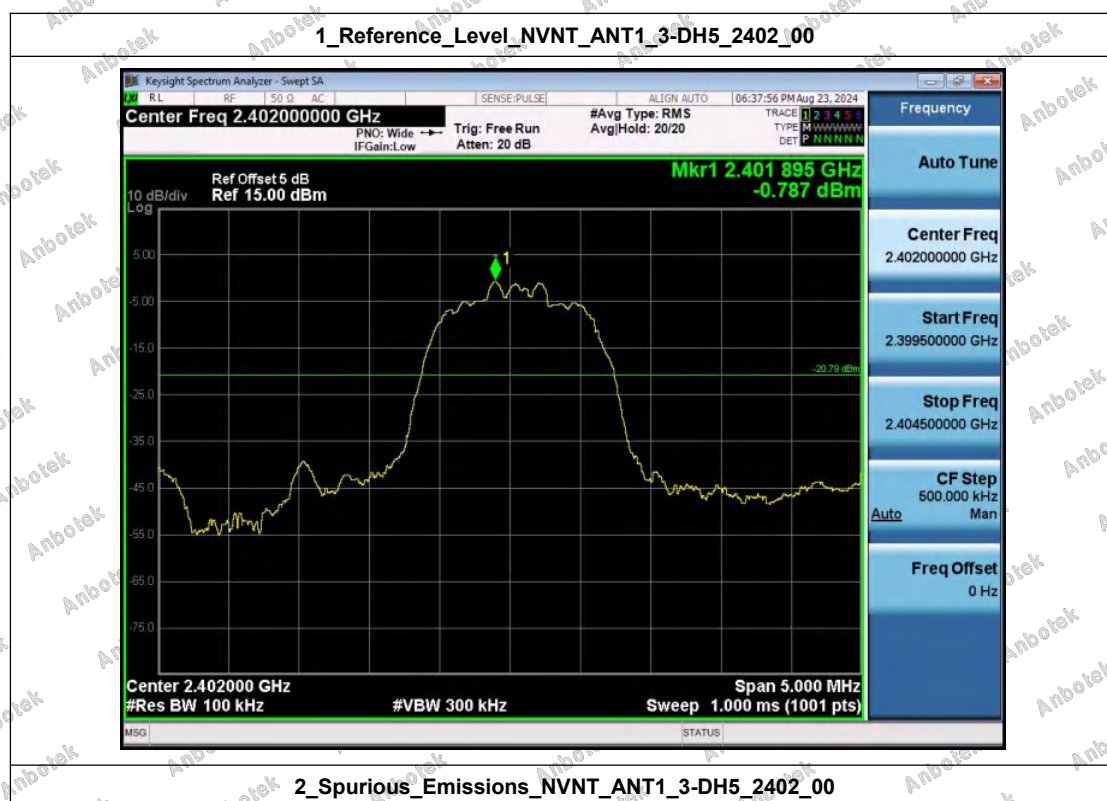


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00



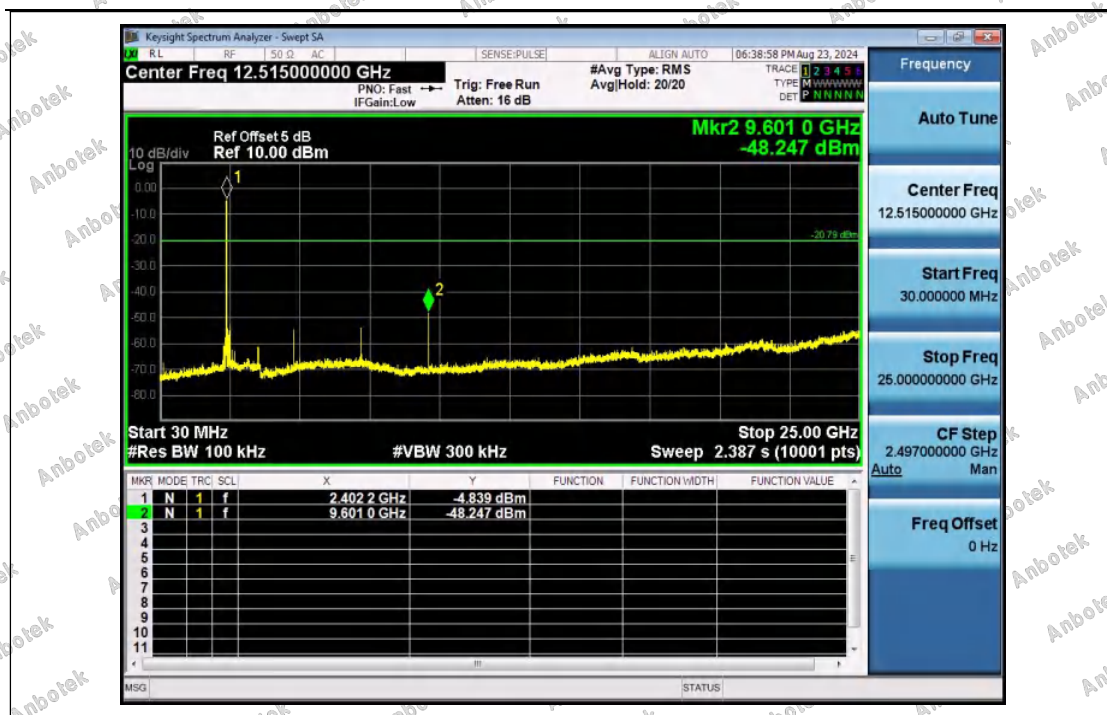


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

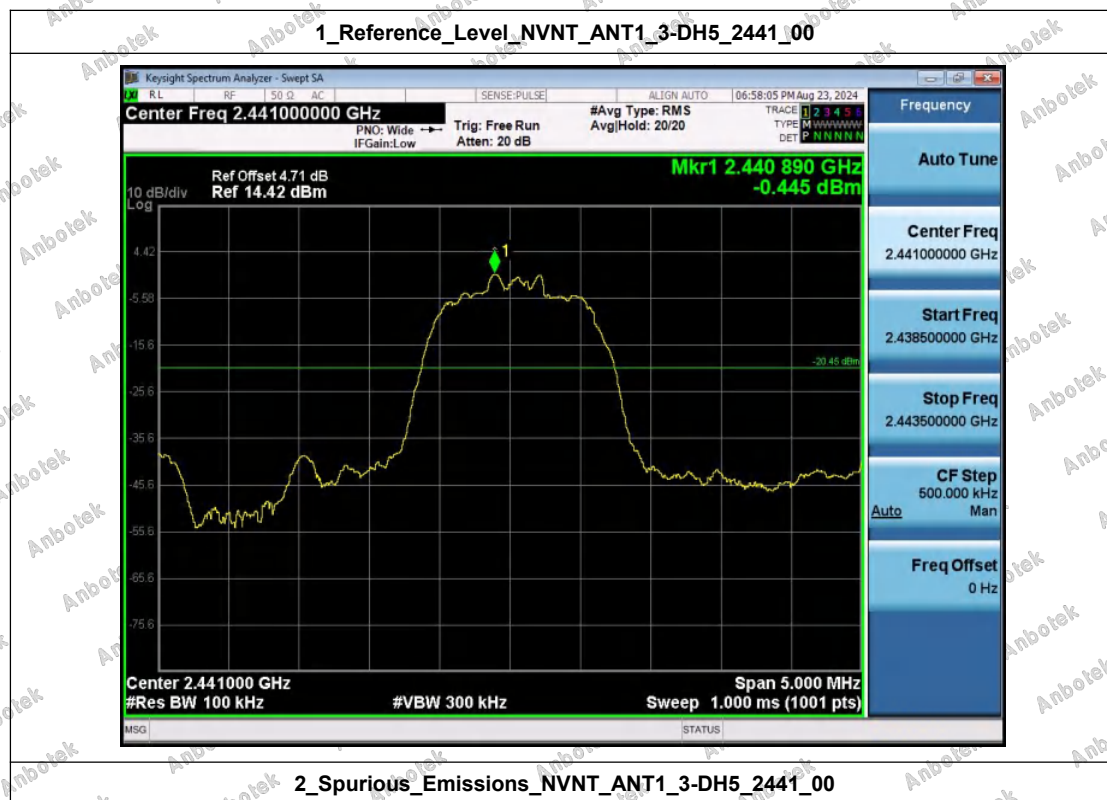


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402_00



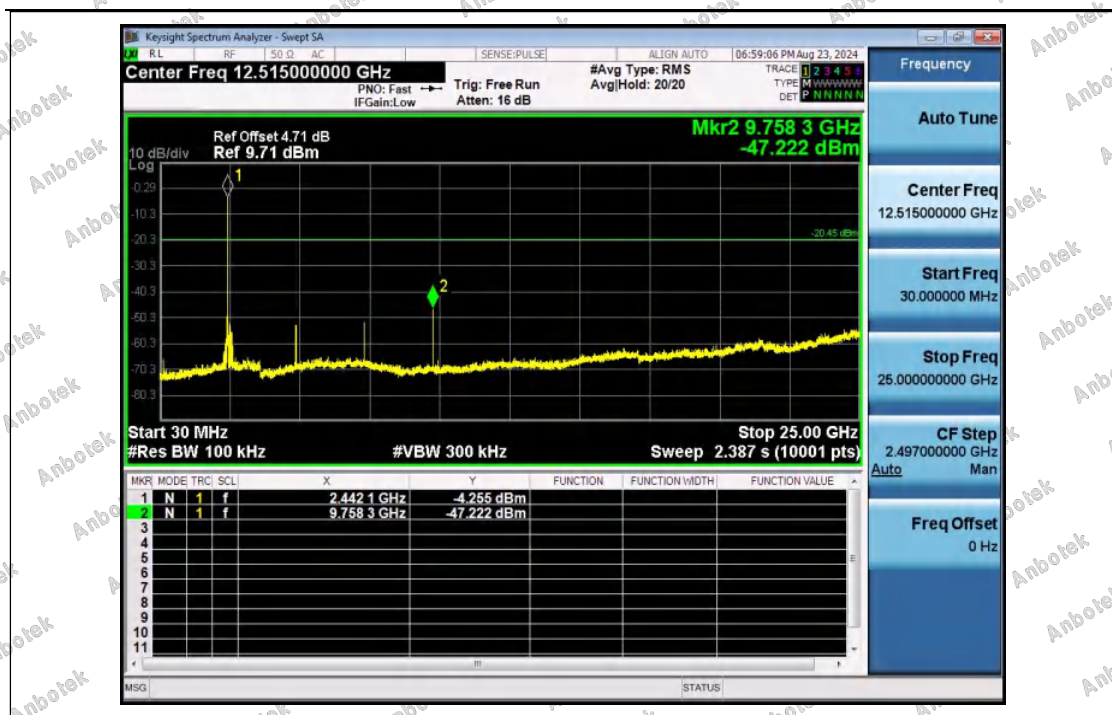


1_Reference_Level_NVNT_ANT1_3-DH5_2441_00

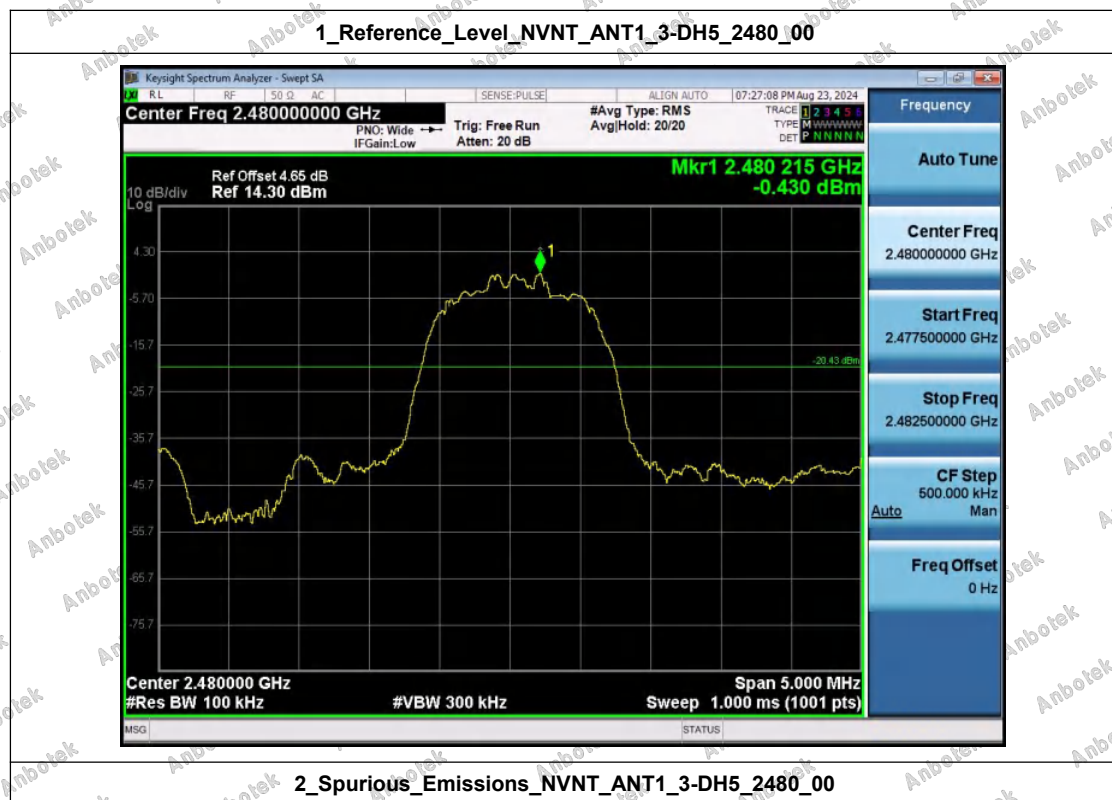


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00



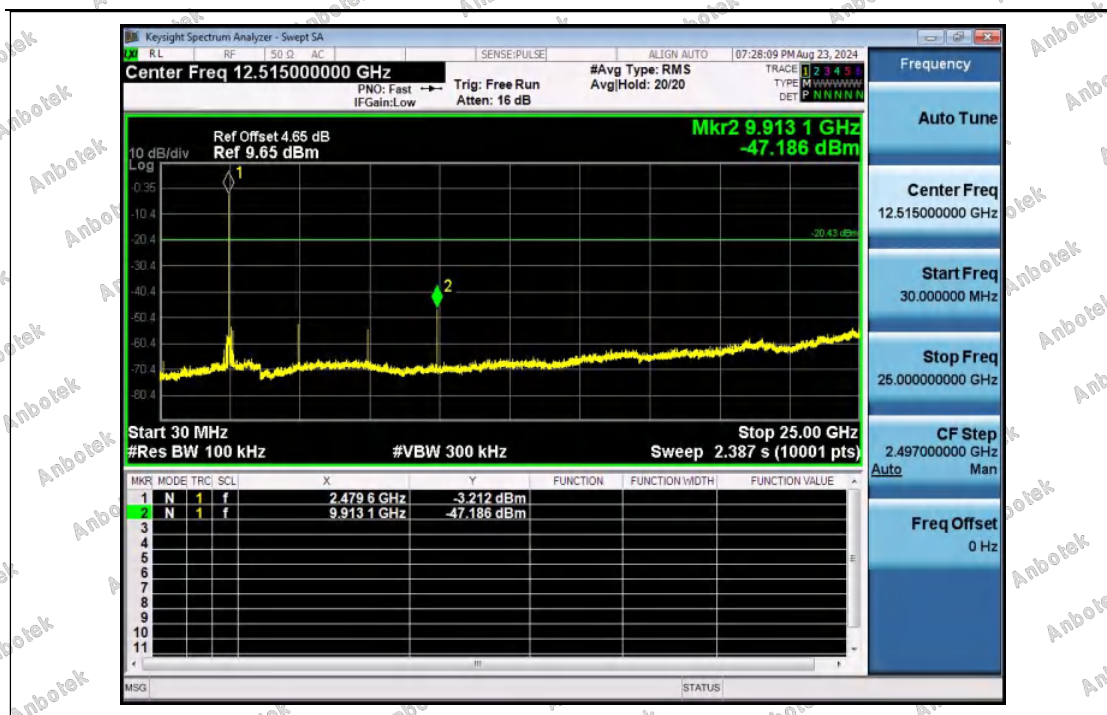


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480_00





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Appendix E: Bandedge

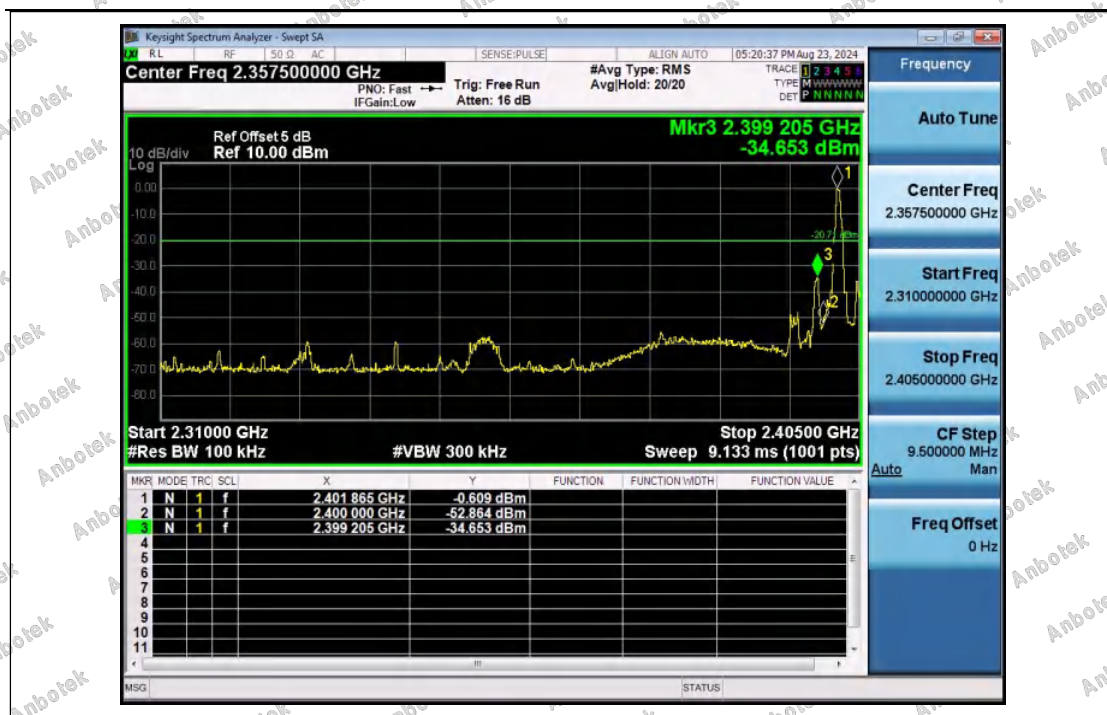
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-34.653	-20.708	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-36.174	-19.672	Pass
NVNT	ANT1	1-DH5	2480.00	-36.330	-19.893	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-36.722	-20.100	Pass
NVNT	ANT1	2-DH5	2402.00	-35.336	-20.713	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-36.379	-19.893	Pass
NVNT	ANT1	2-DH5	2480.00	-36.155	-20.140	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-36.396	-20.192	Pass
NVNT	ANT1	3-DH5	2402.00	-34.897	-20.787	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-35.061	-19.843	Pass
NVNT	ANT1	3-DH5	2480.00	-36.811	-20.430	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-44.949	-20.313	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

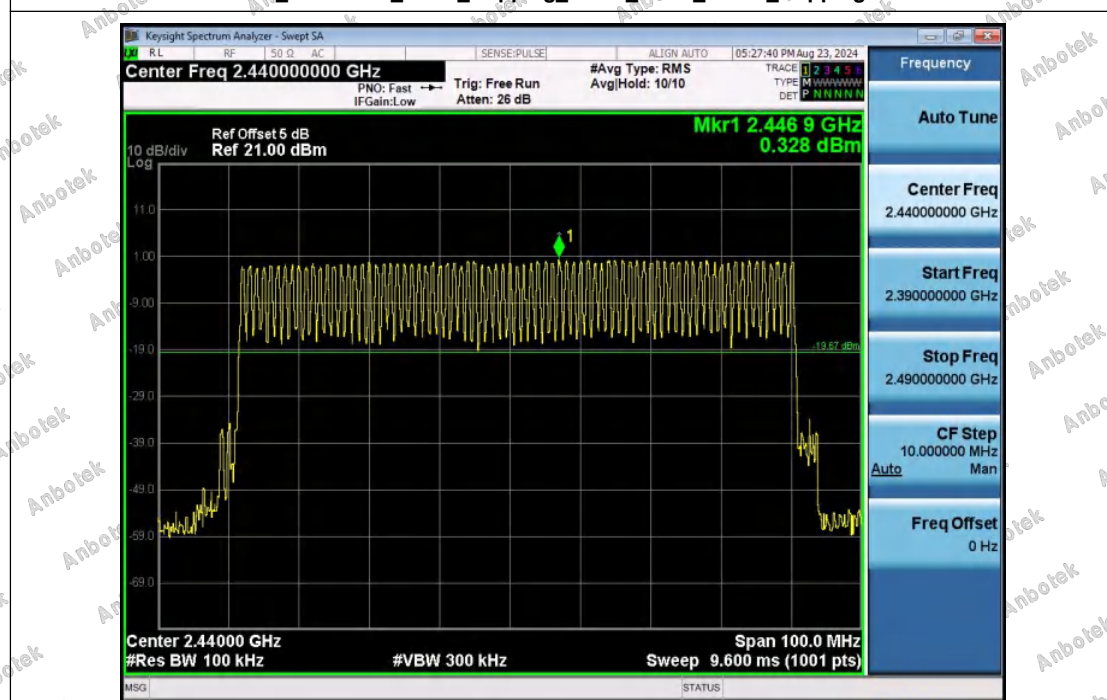


2_Bandedge_NVNT_ANT1_1-DH5_2402_00



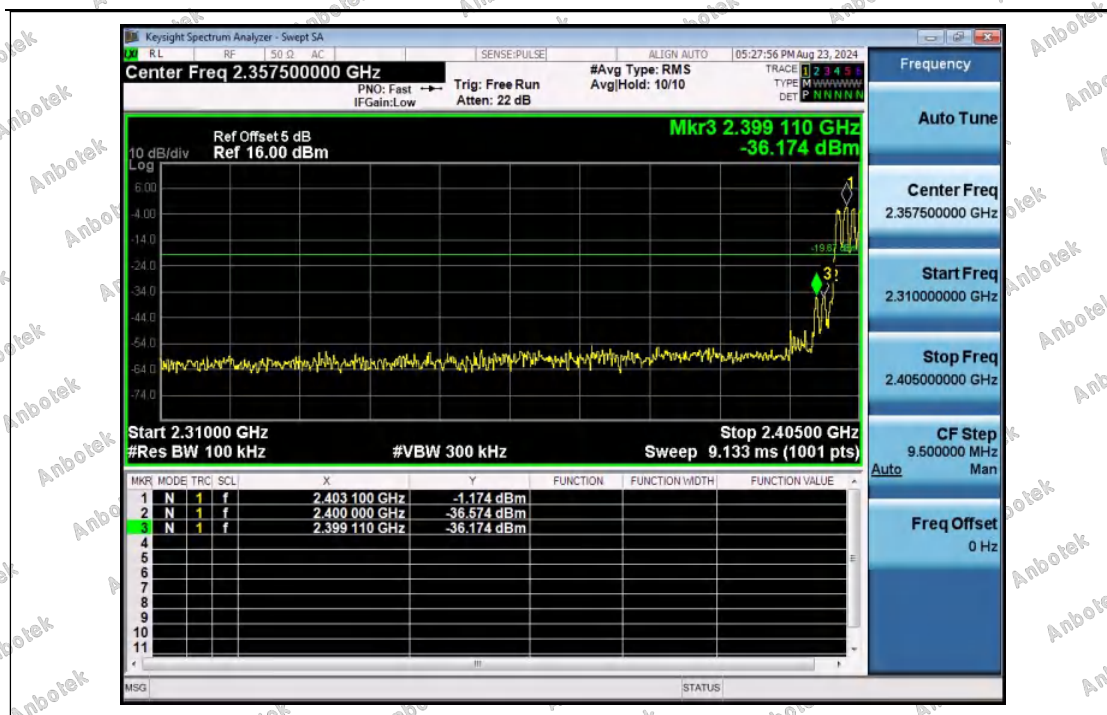


1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping

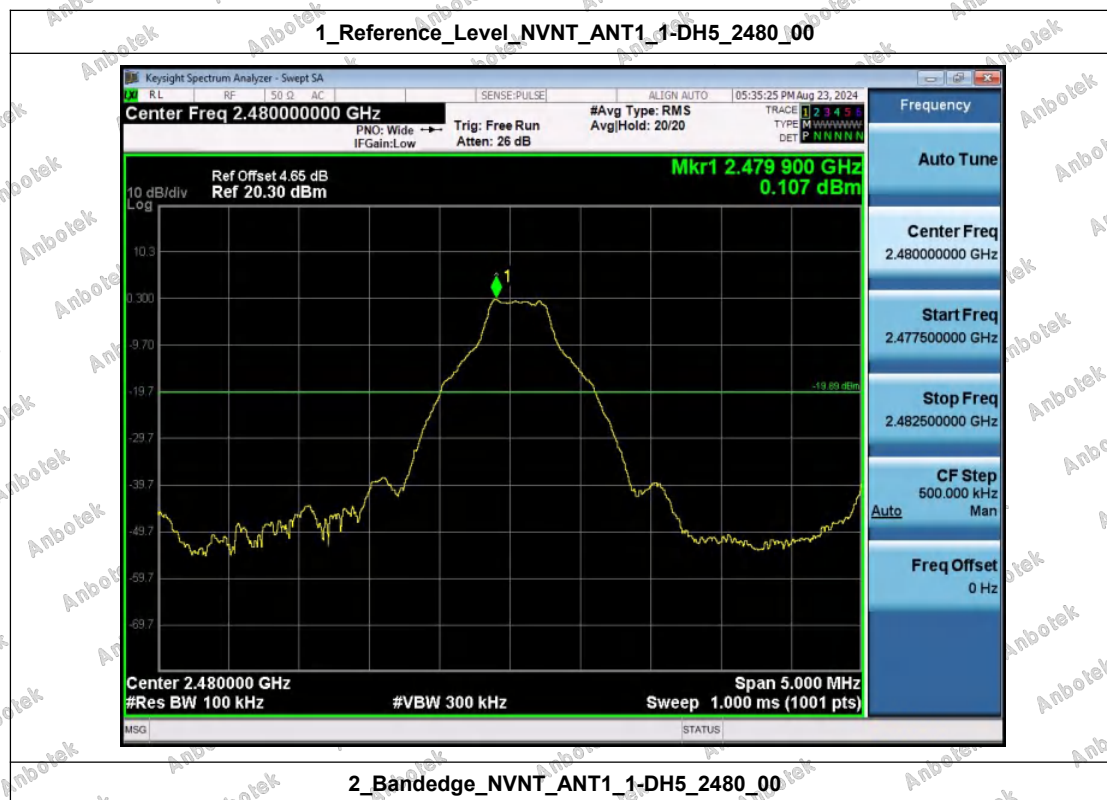


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



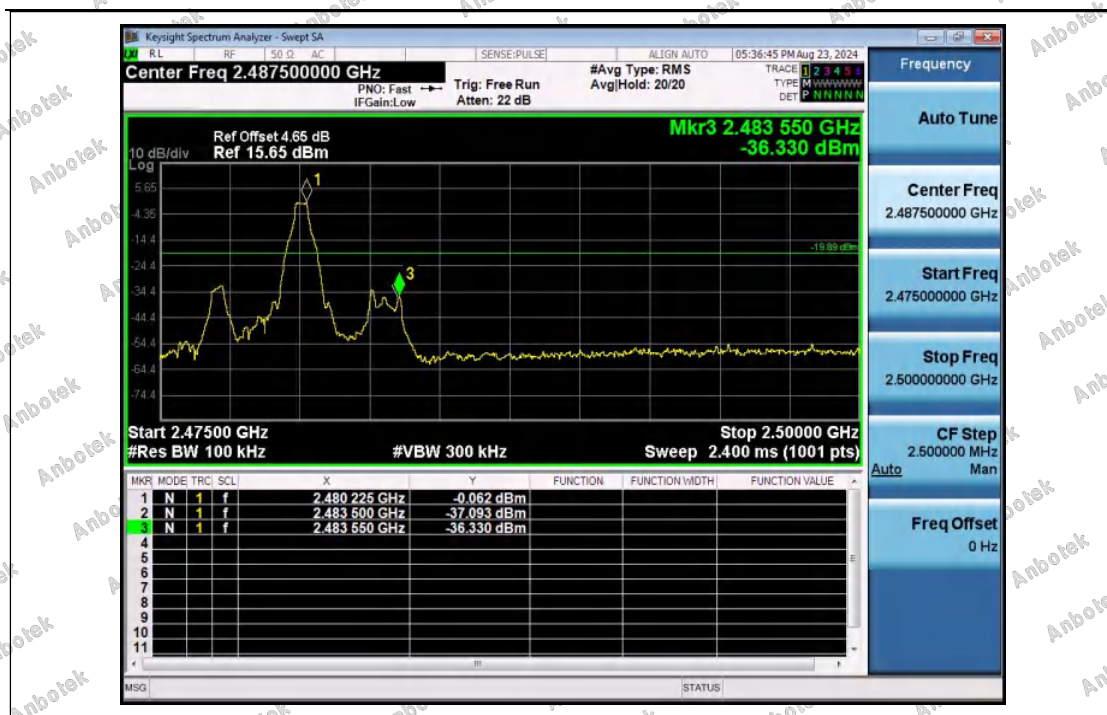


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

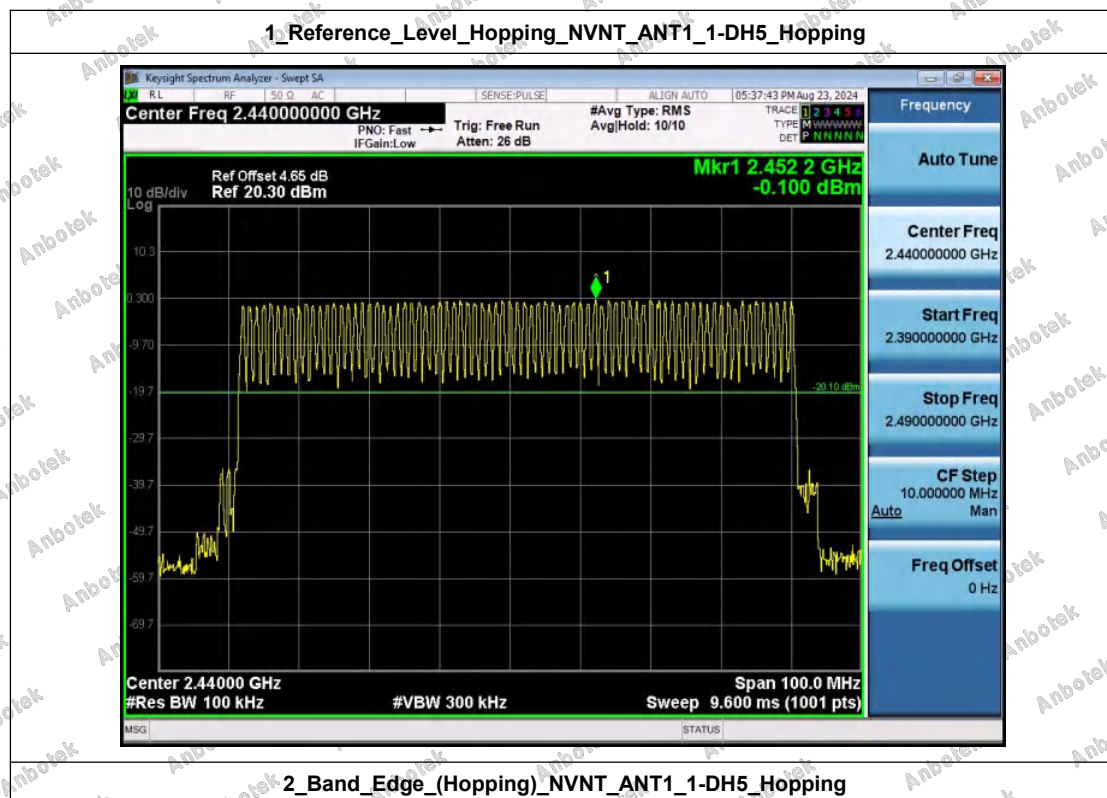


2_Bandedge_NVNT_ANT1_1-DH5_2480_00



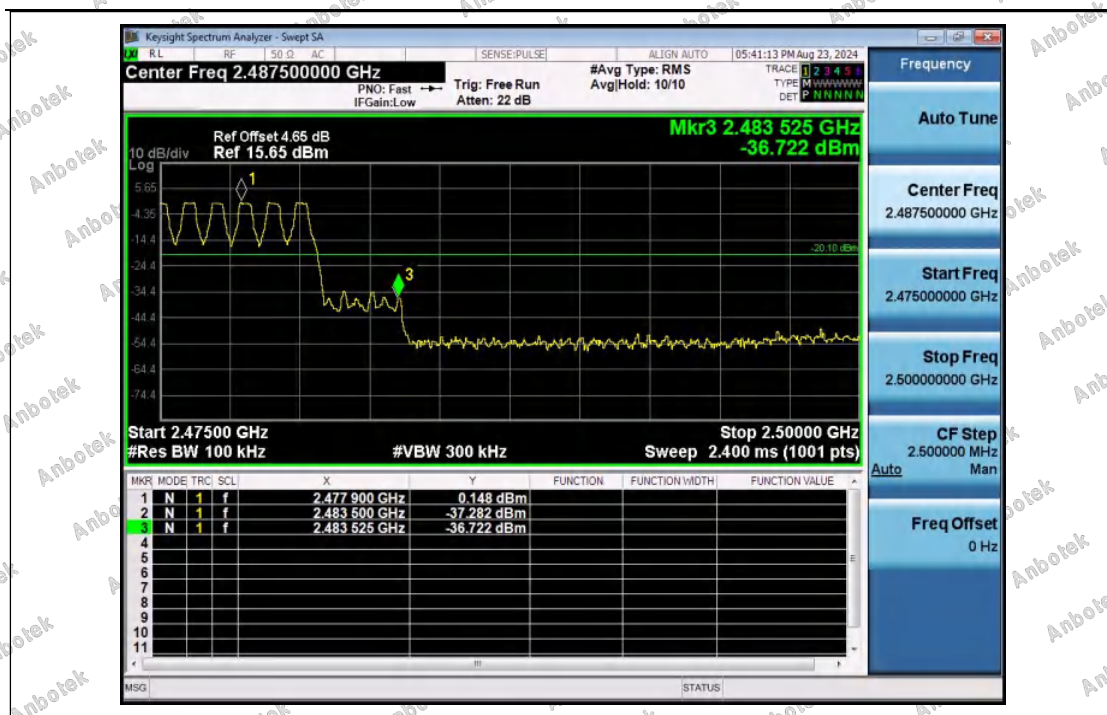


1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping

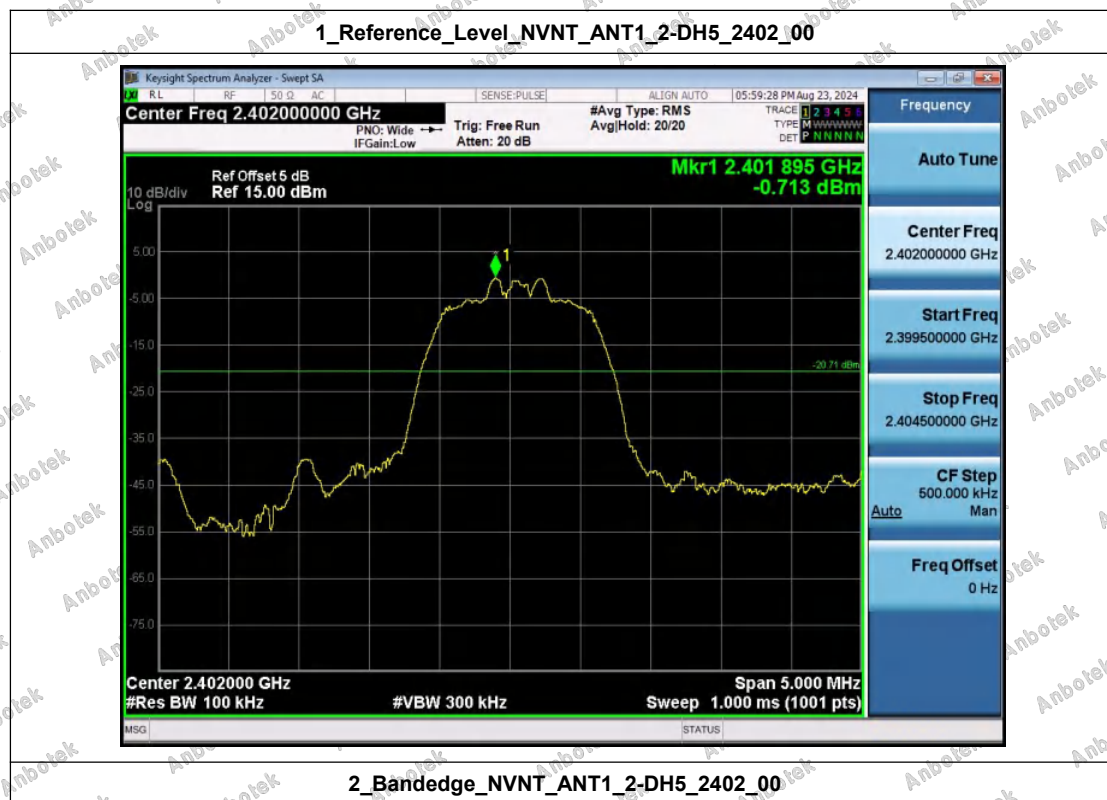


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



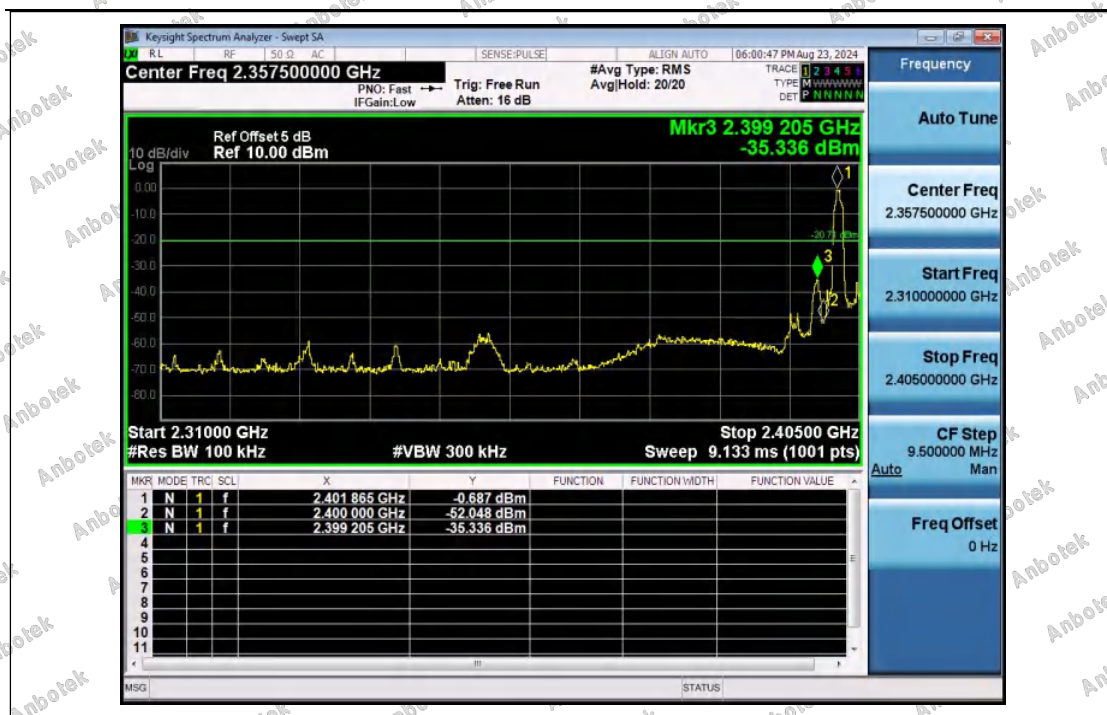


1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

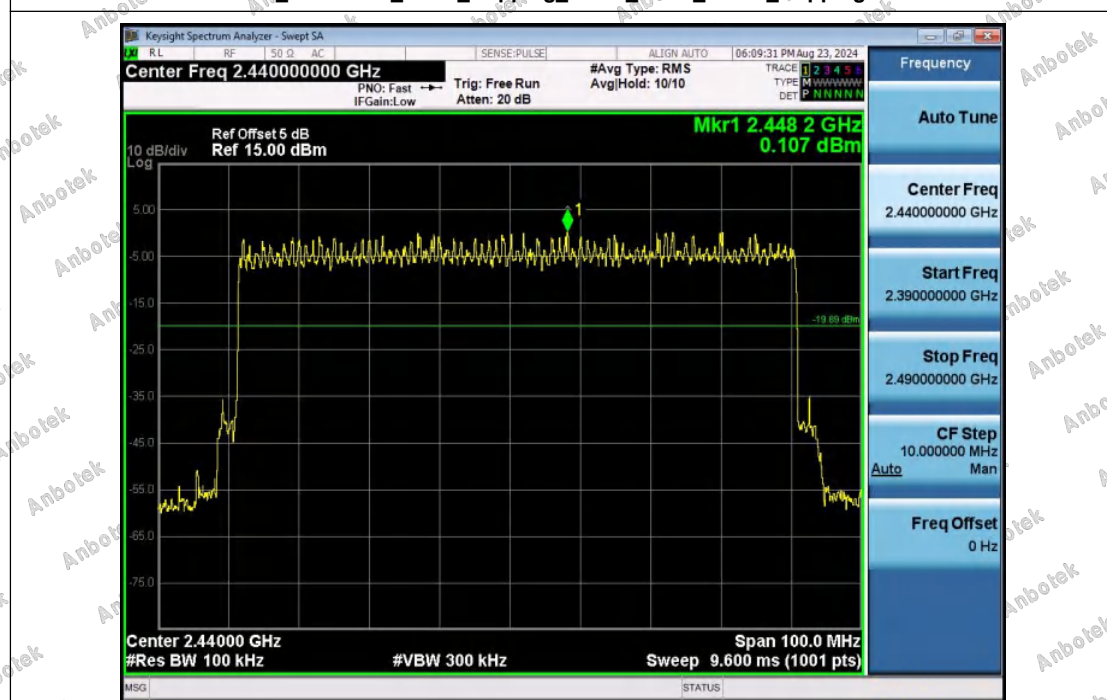


2_Bandedge_NVNT_ANT1_2-DH5_2402_00



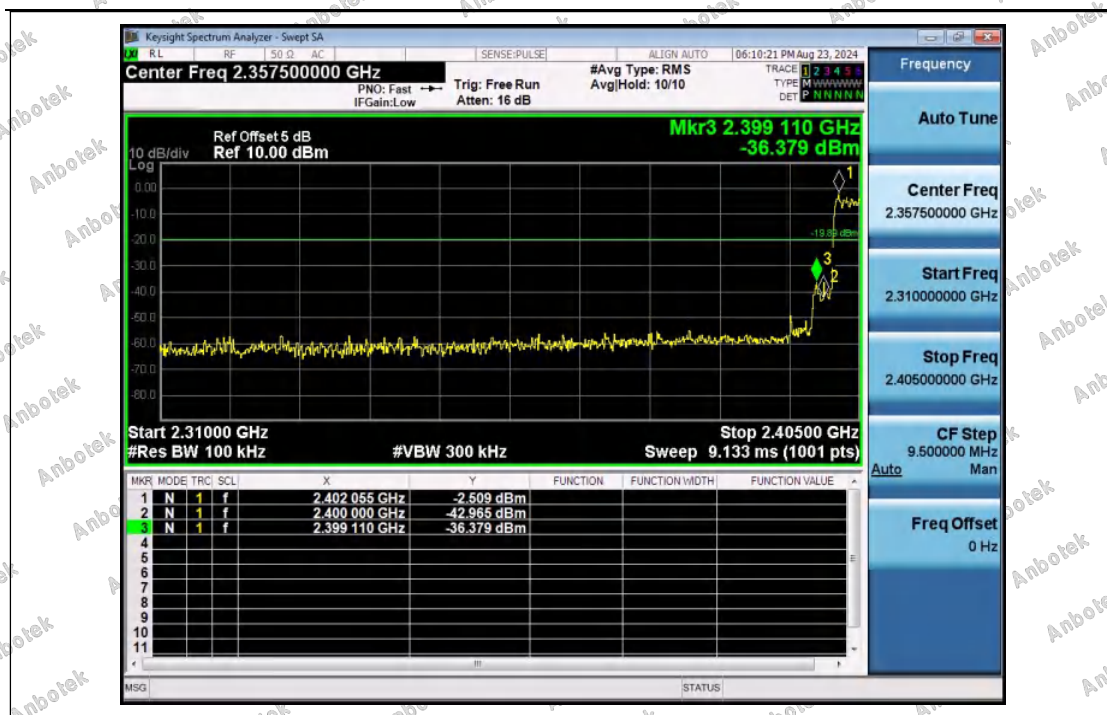


1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping

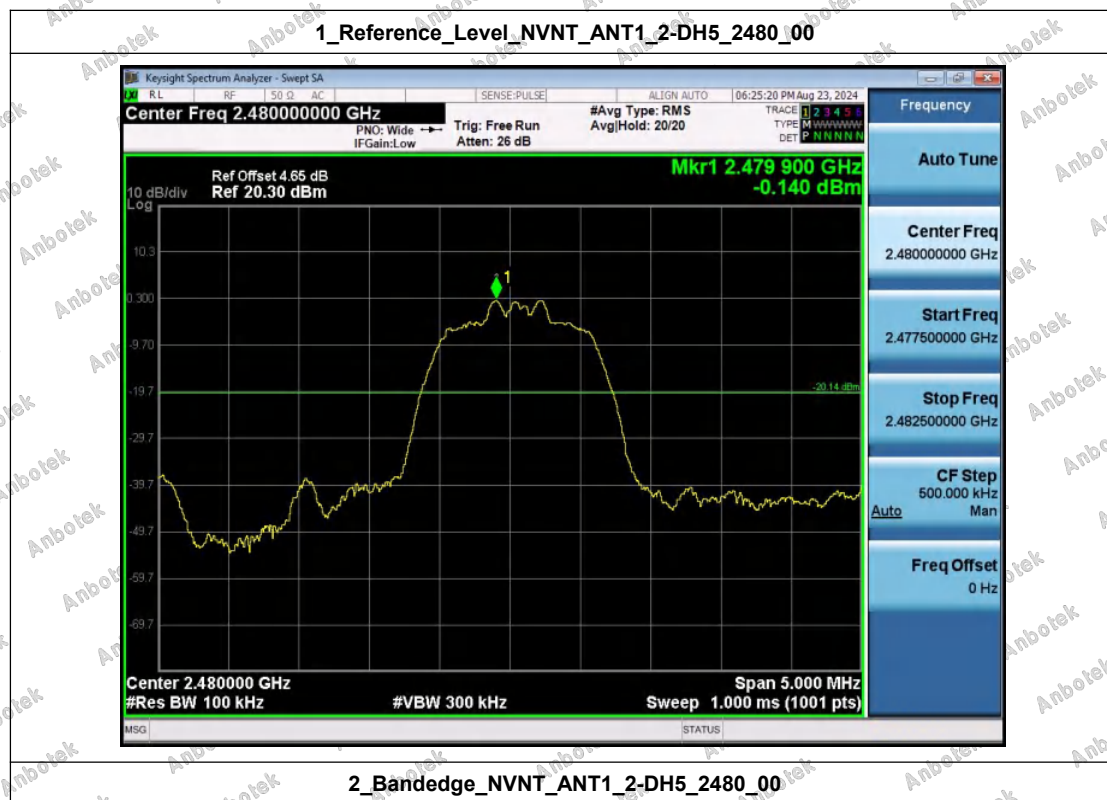


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



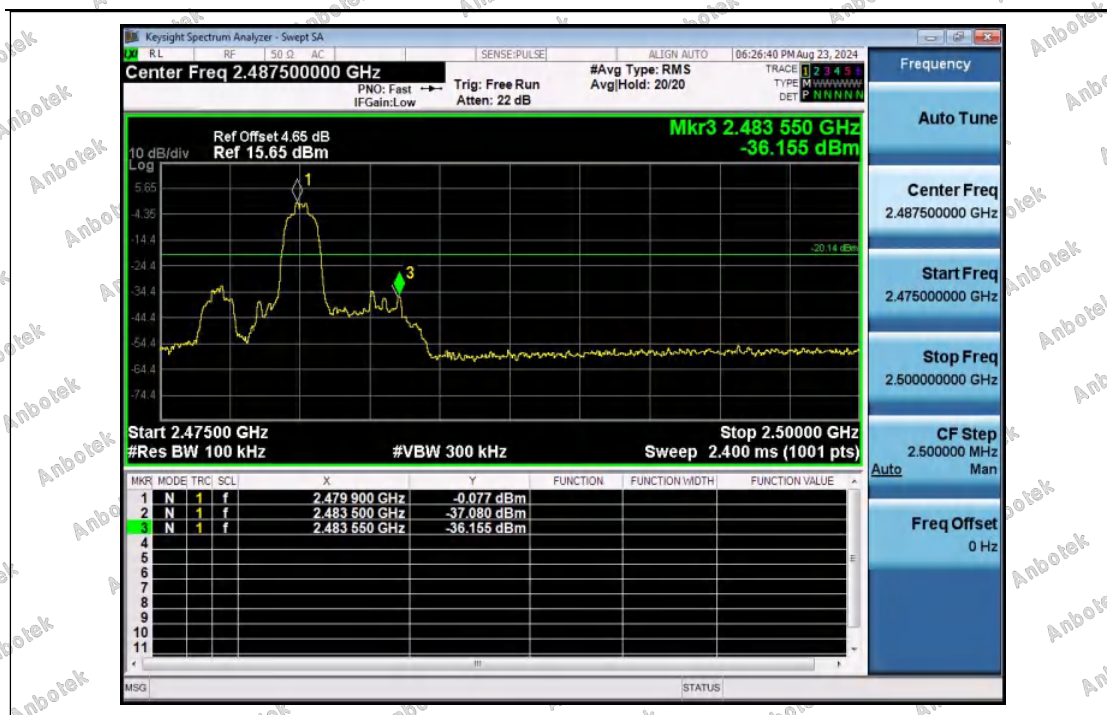


1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

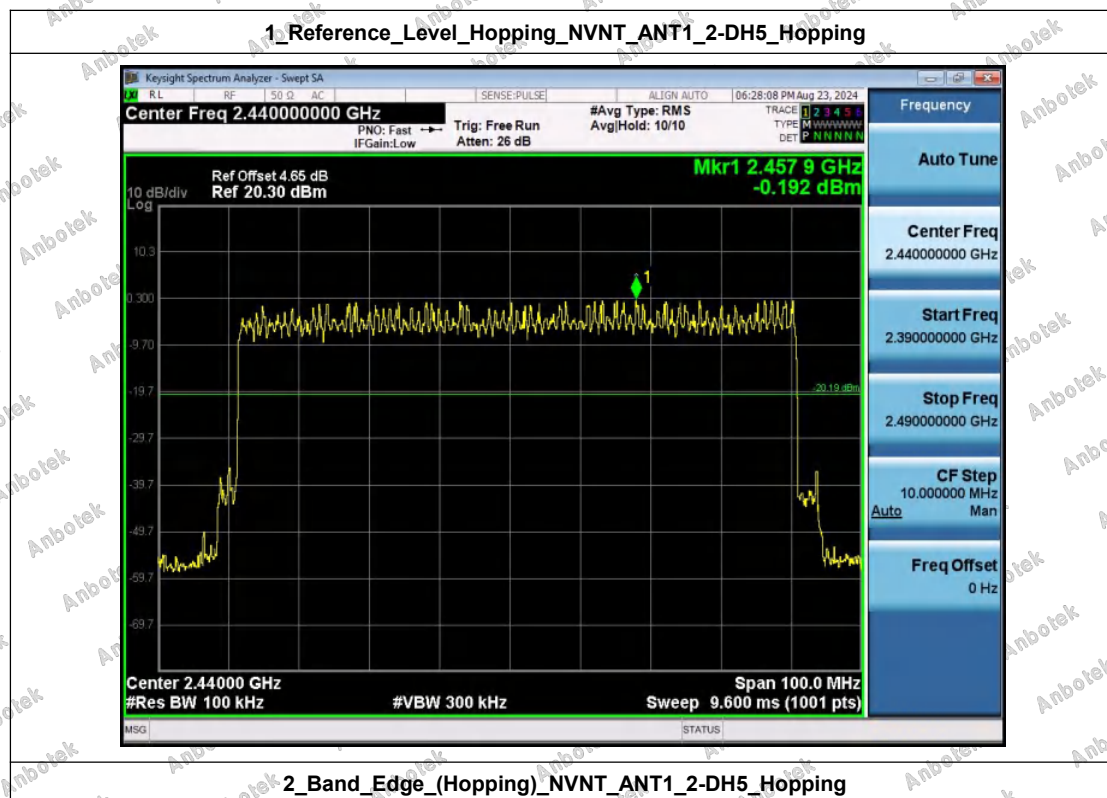


2_Bandedge_NVNT_ANT1_2-DH5_2480_00



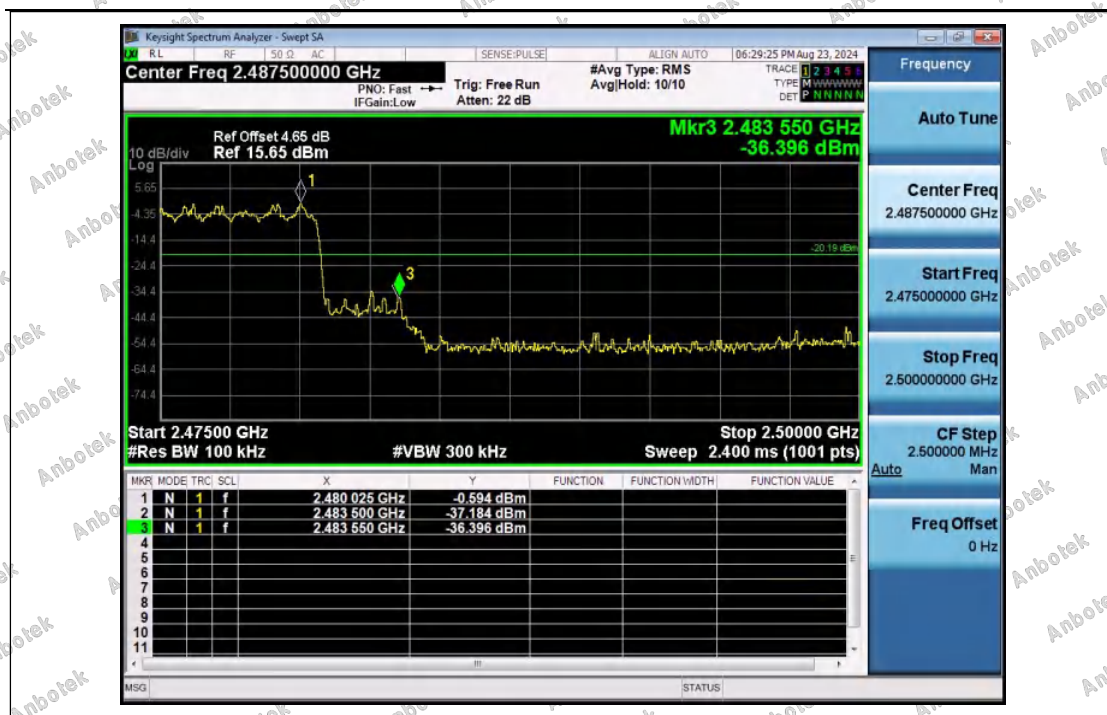


1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping

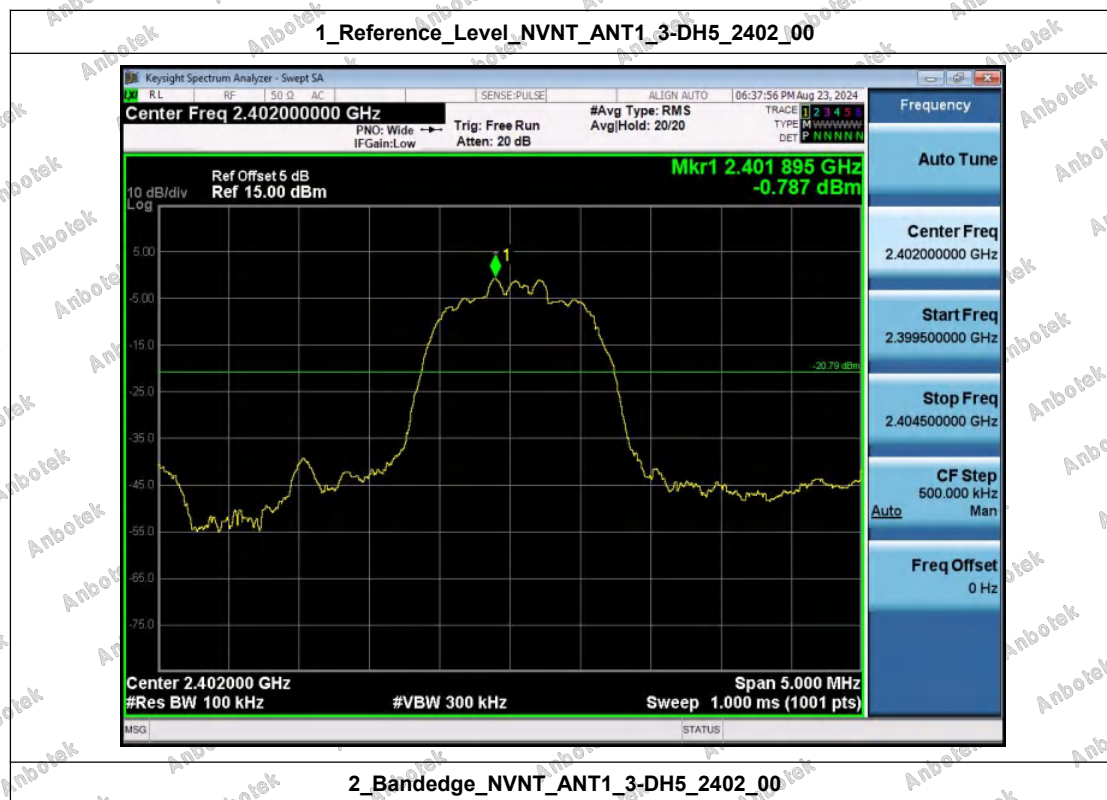


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



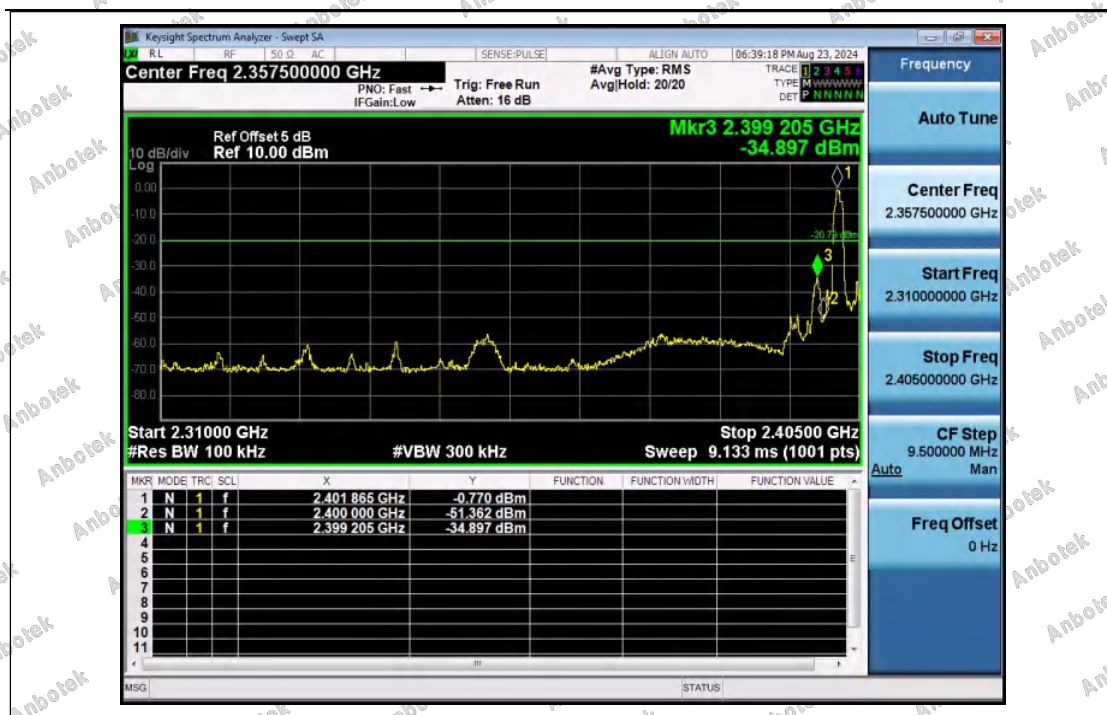


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

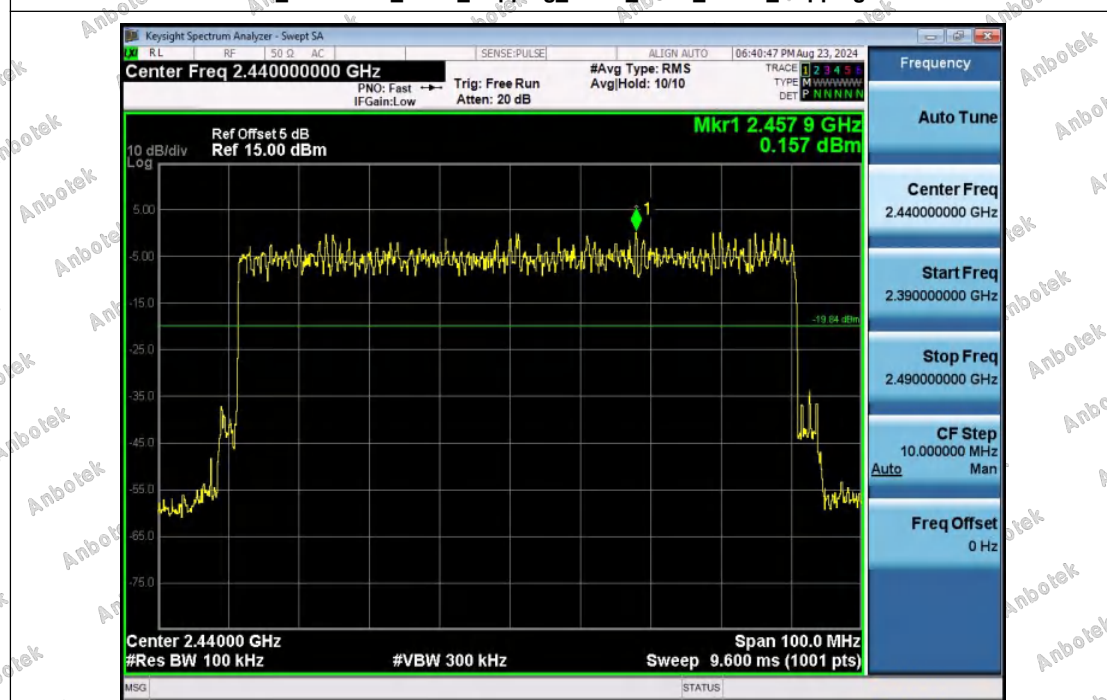


2_Bandedge_NVNT_ANT1_3-DH5_2402_00



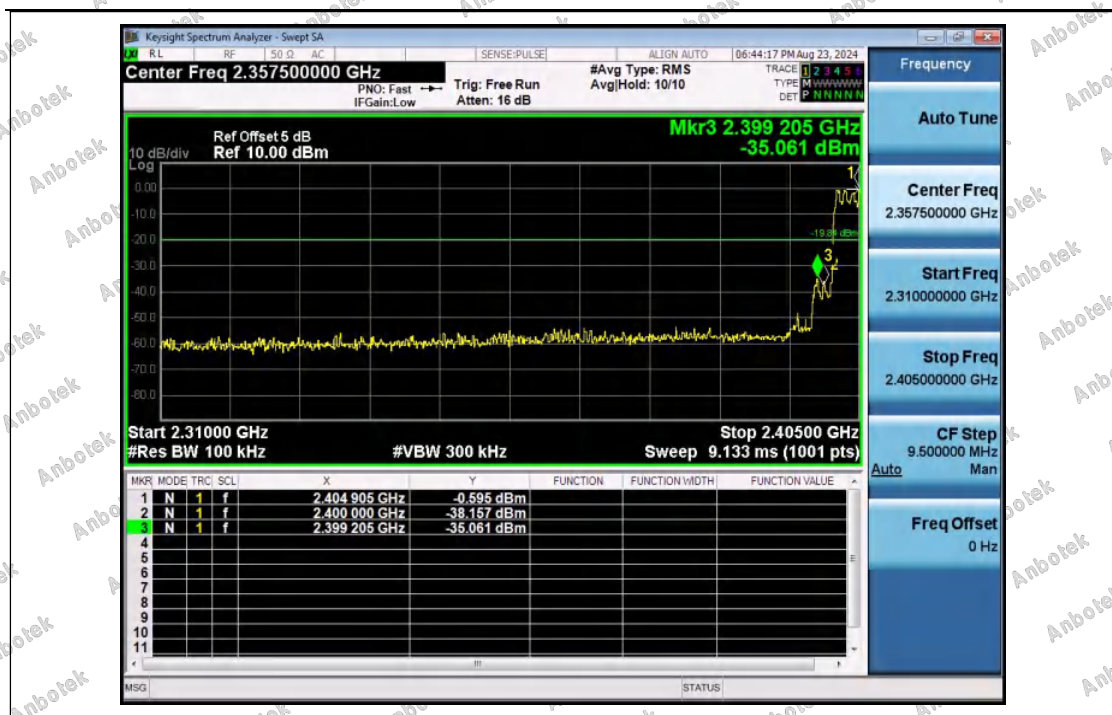


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping

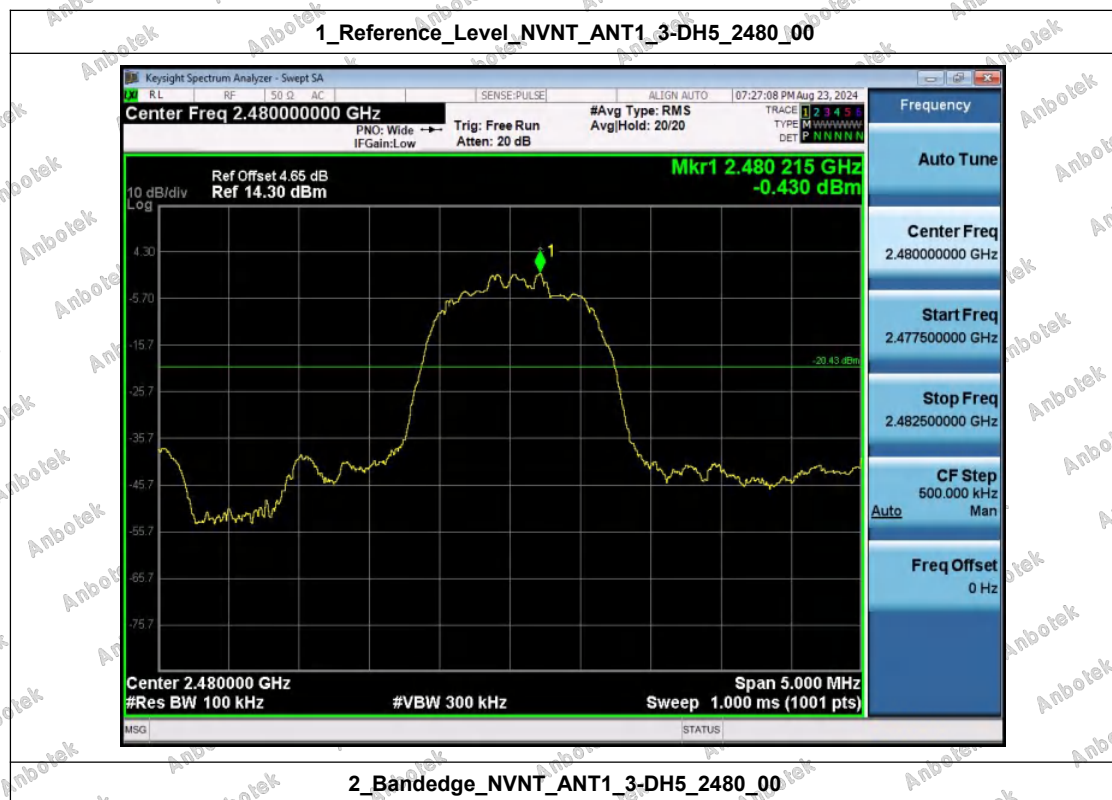


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



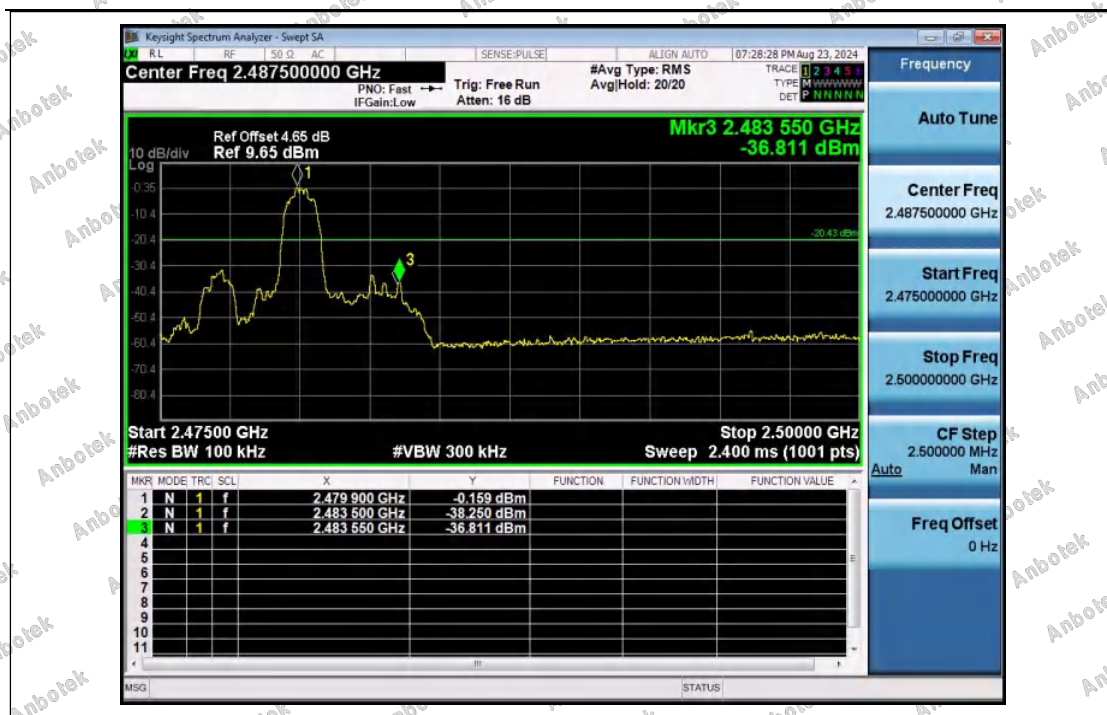


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00

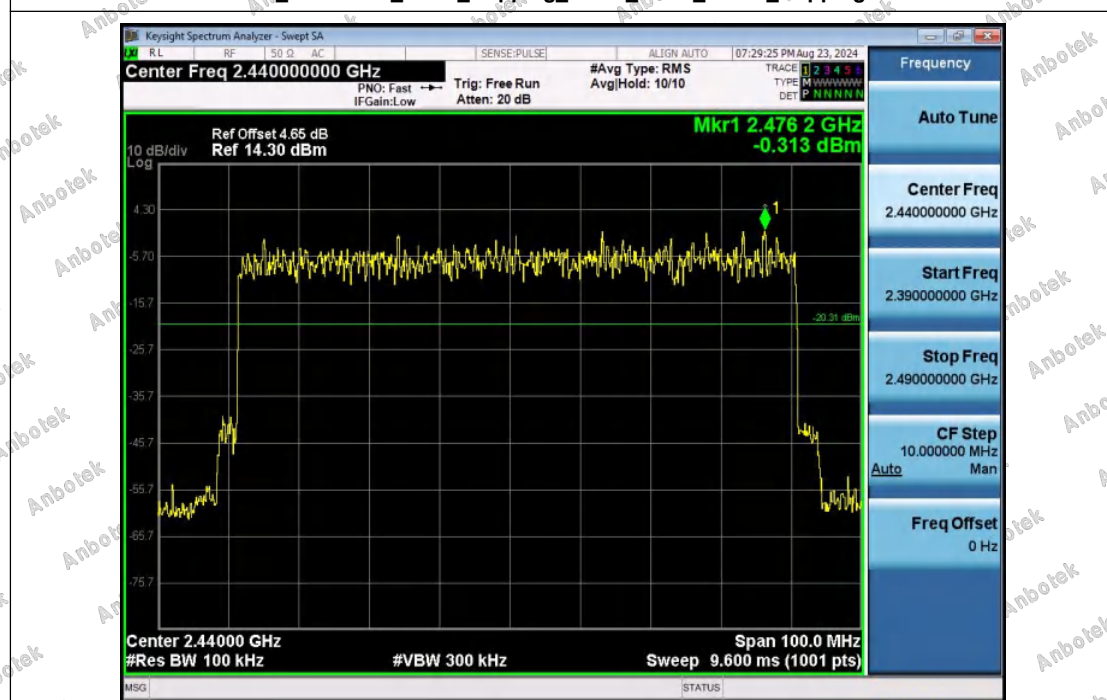


2_Bandedge_NVNT_ANT1_3-DH5_2480_00



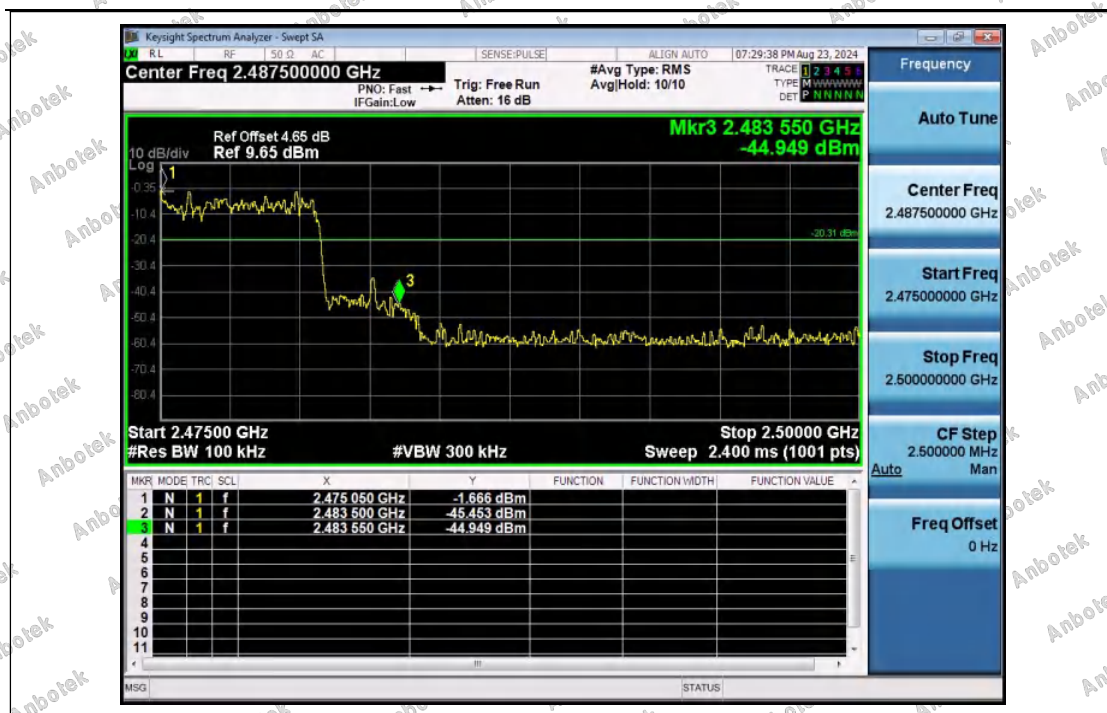


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping

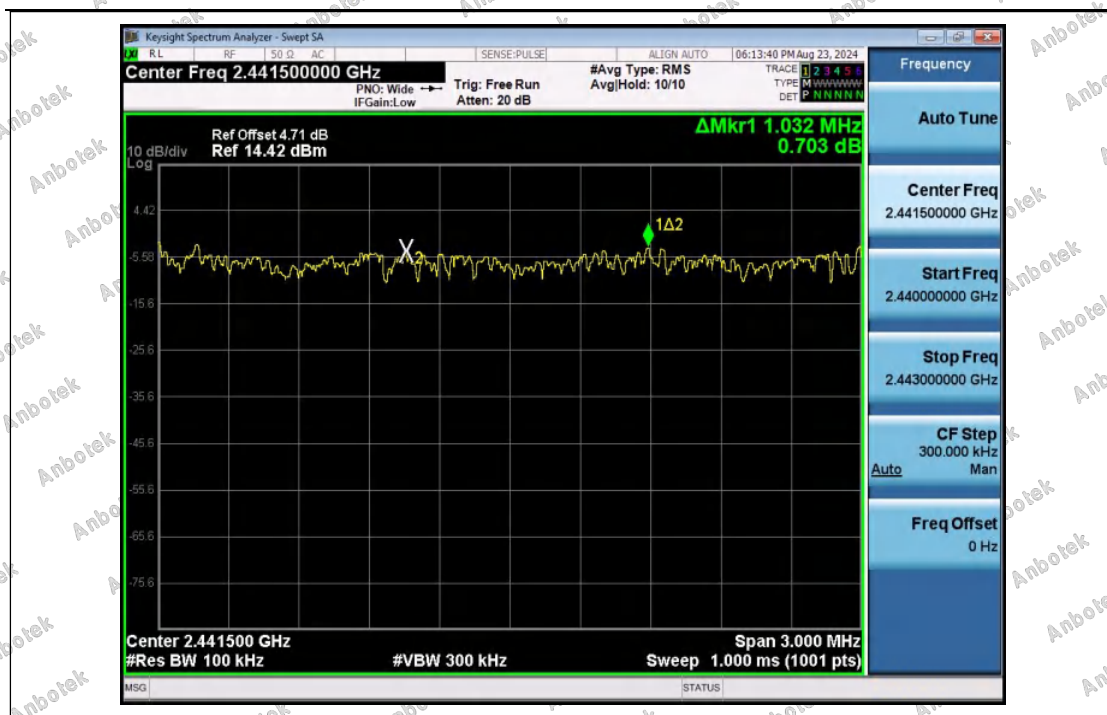




Appendix F: Carrier Frequencies Separation (Hopping)

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	2441.041	2442.001	0.96	0.955	Pass
NVNT	ANT1	2-DH5	2441.00	2441.056	2442.088	1.03	0.871	Pass
NVNT	ANT1	3-DH5	2441.00	2440.897	2441.887	0.99	0.865	Pass

Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH5_Hopping**Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH5_Hopping**



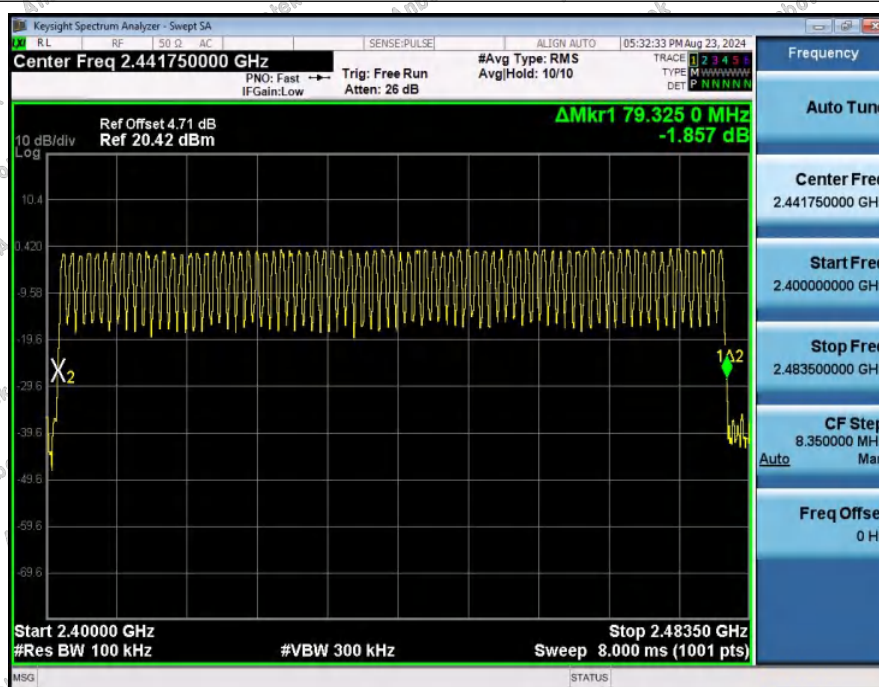
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH5_Hopping



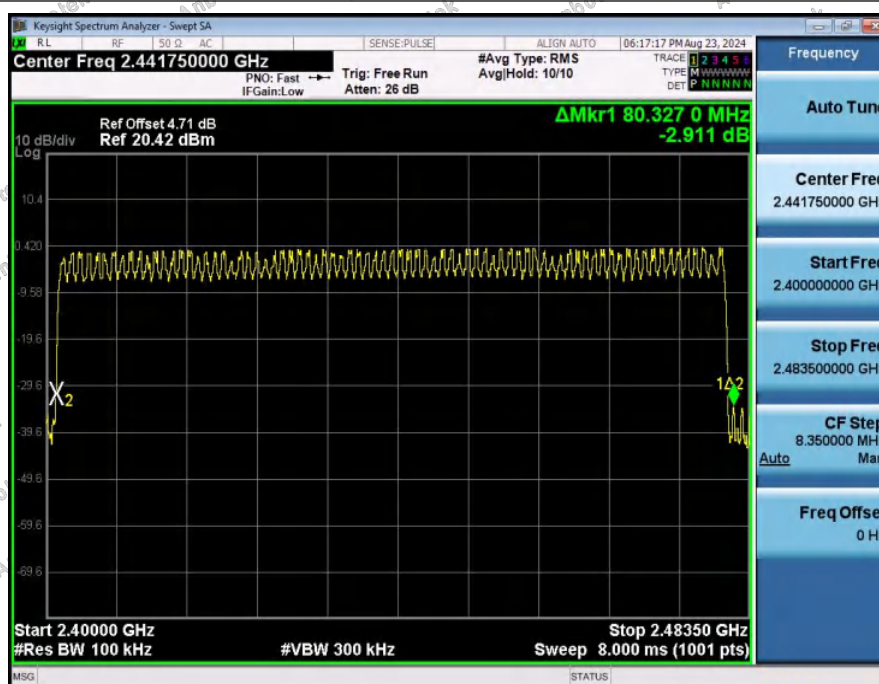
Appendix G: Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass
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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Tel: (86) 0755-26066440 Email: service@anbotek.com

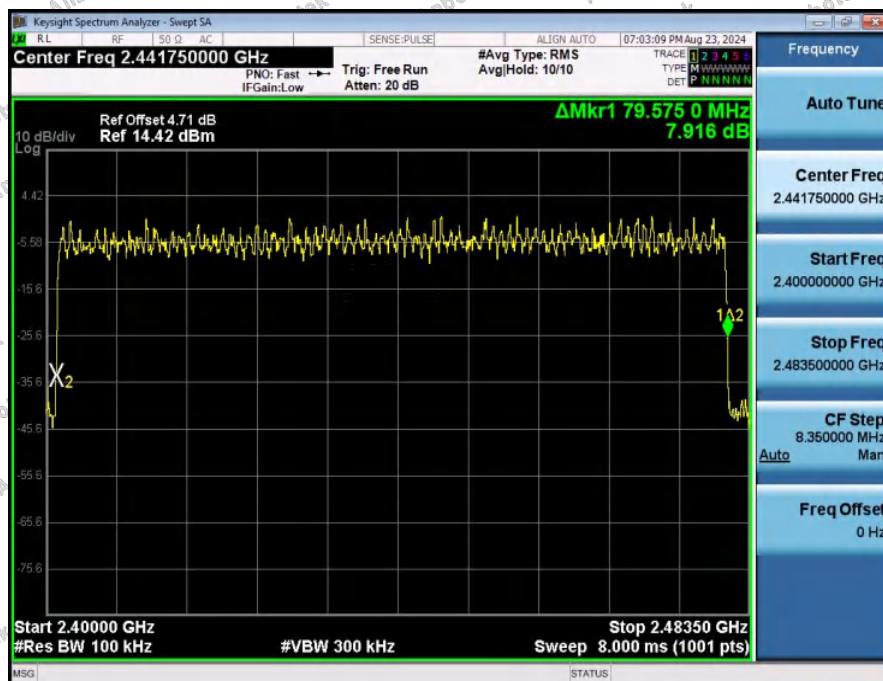


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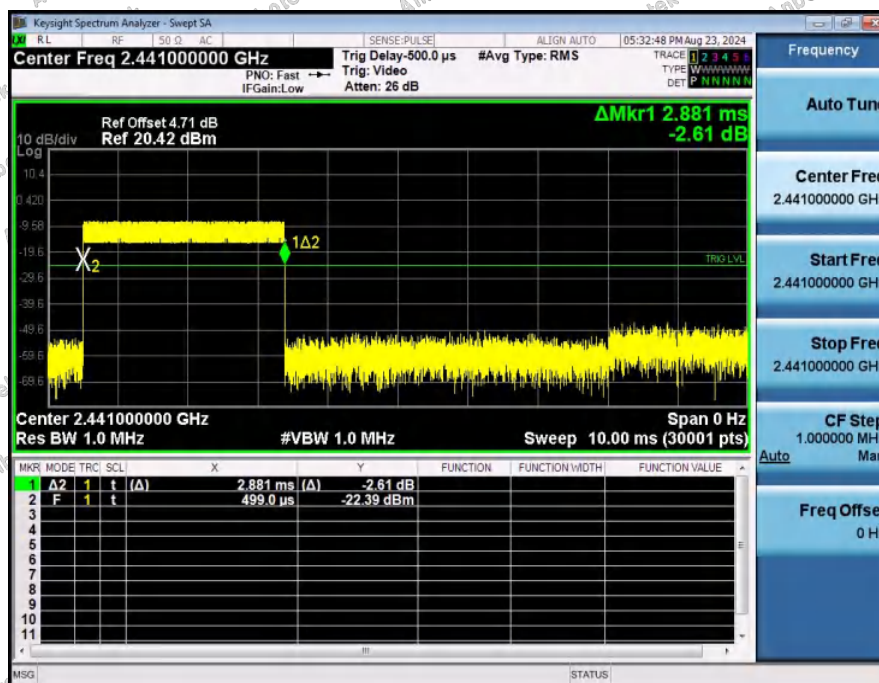


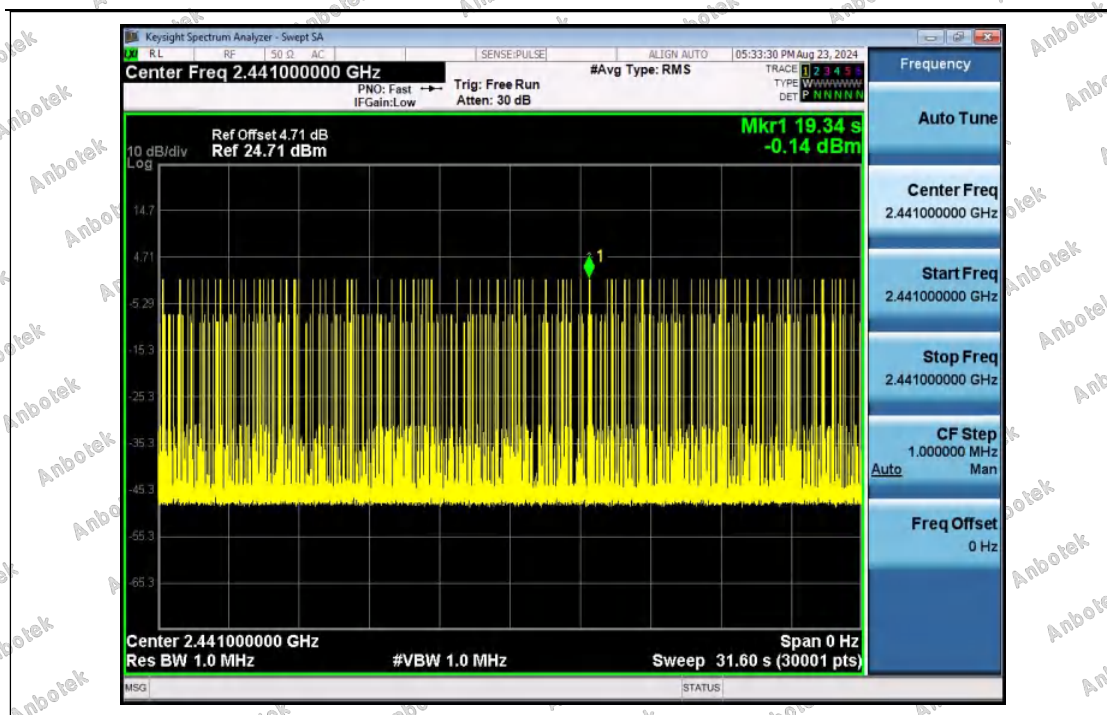
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH5_Hopping



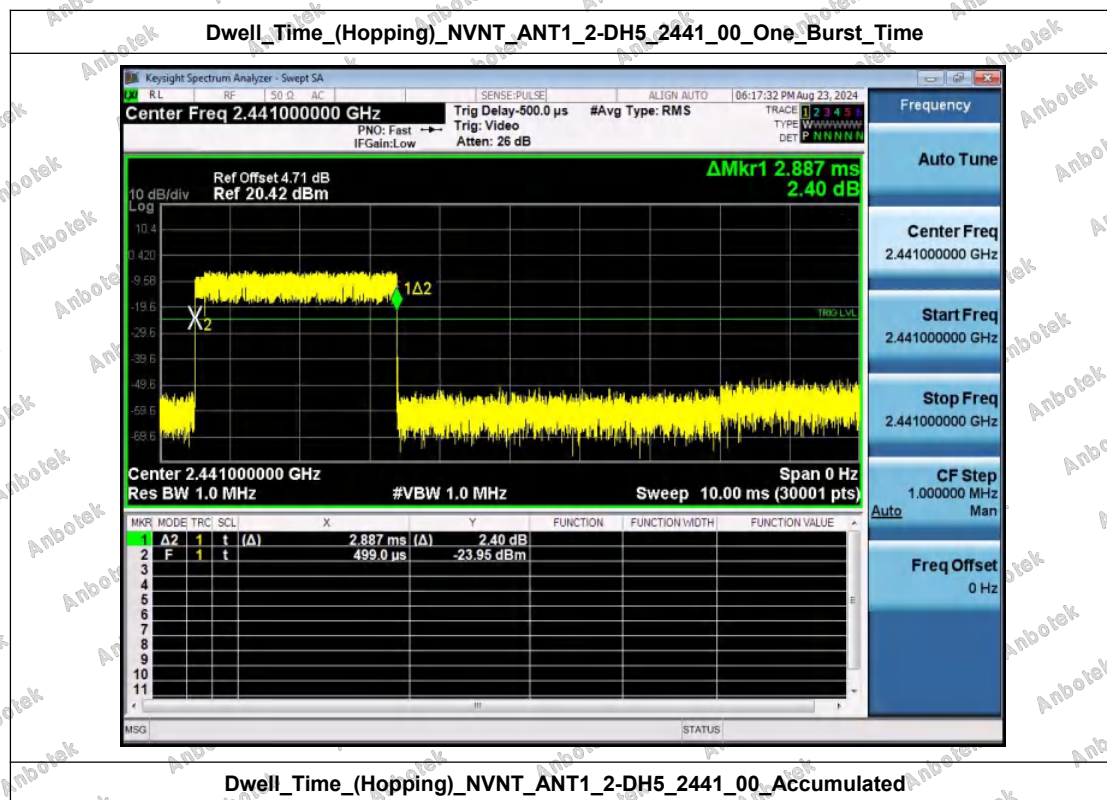
Appendix H: Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.881	115.00	331.315	0.40	Pass
NVNT	ANT1	2-DH5	2.887	109.00	314.683	0.40	Pass
NVNT	ANT1	3-DH5	2.889	105.00	303.345	0.40	Pass
NVNT	ANT1	1-DH1	0.377	320.00	120.640	0.40	Pass
NVNT	ANT1	1-DH3	1.634	155.00	253.270	0.40	Pass
NVNT	ANT1	2-DH1	0.387	319.00	123.453	0.40	Pass
NVNT	ANT1	2-DH3	1.639	152.00	249.128	0.40	Pass
NVNT	ANT1	3-DH1	0.388	320.00	124.160	0.40	Pass
NVNT	ANT1	3-DH3	1.638	156.00	255.528	0.40	Pass

Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_One_Burst_Time**Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_Accumulated**

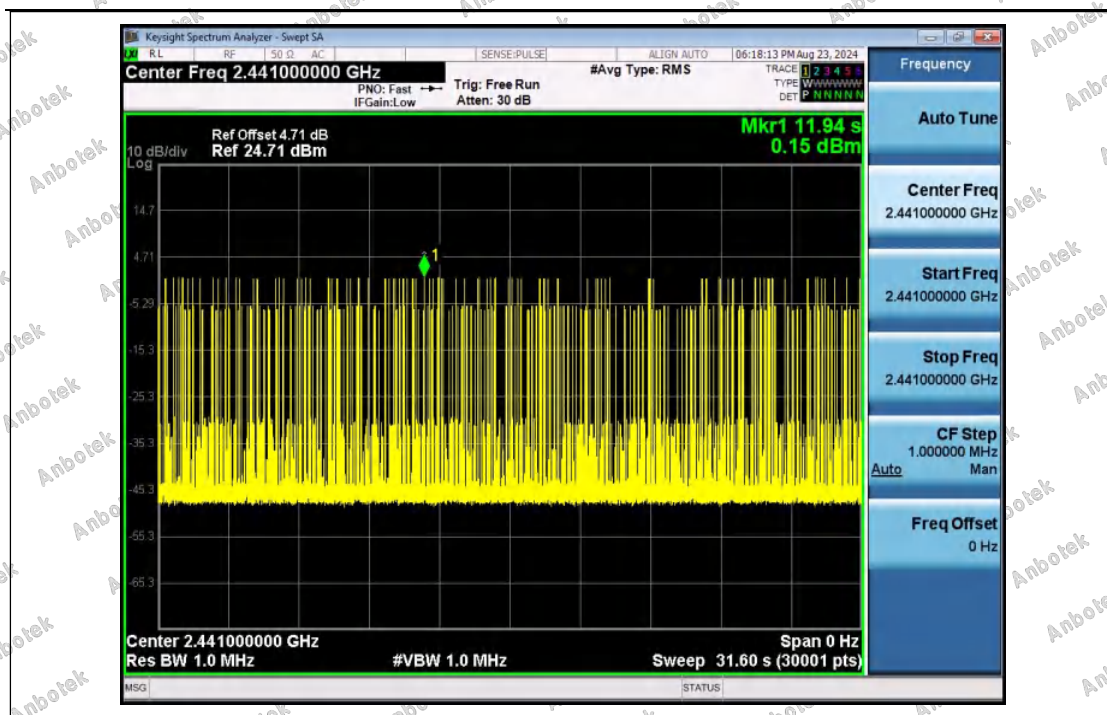


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time

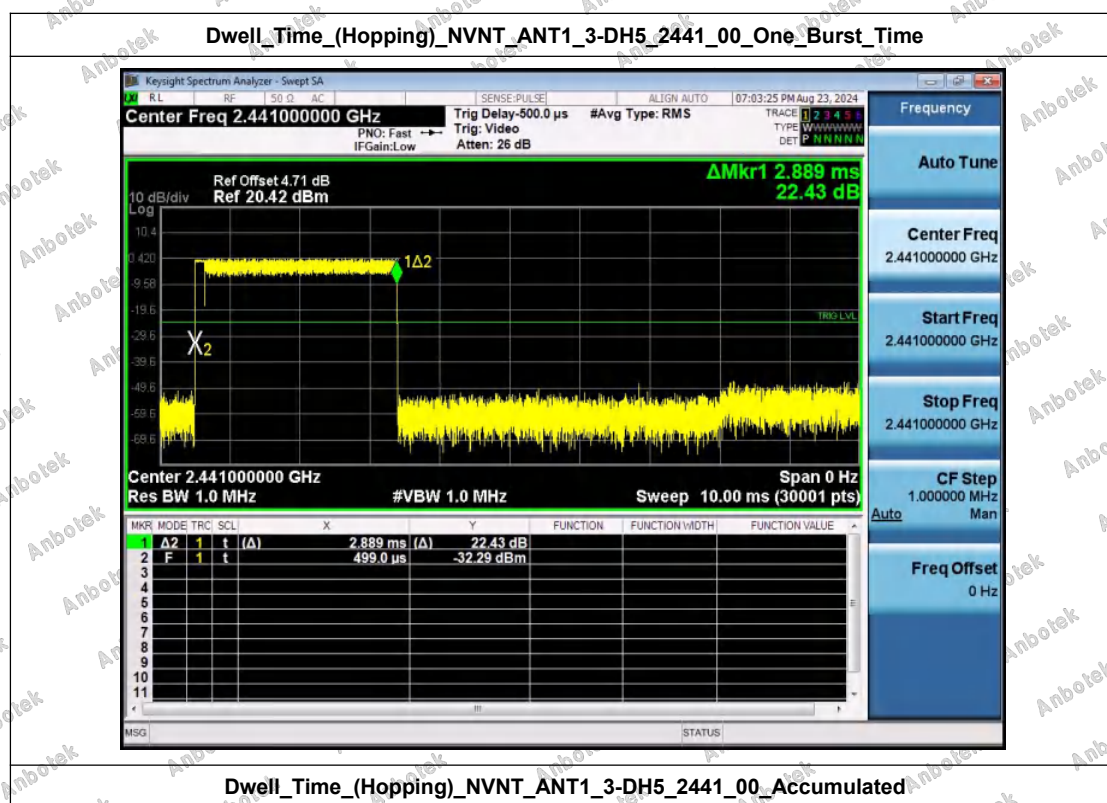


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



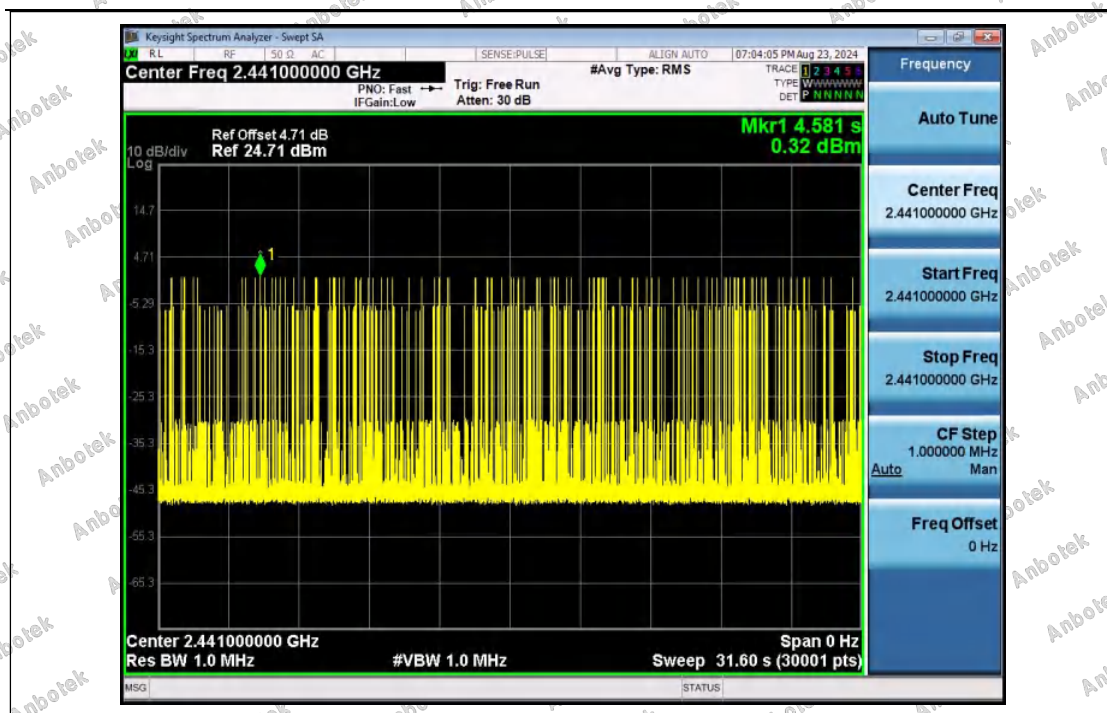


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_One_Burst_Time

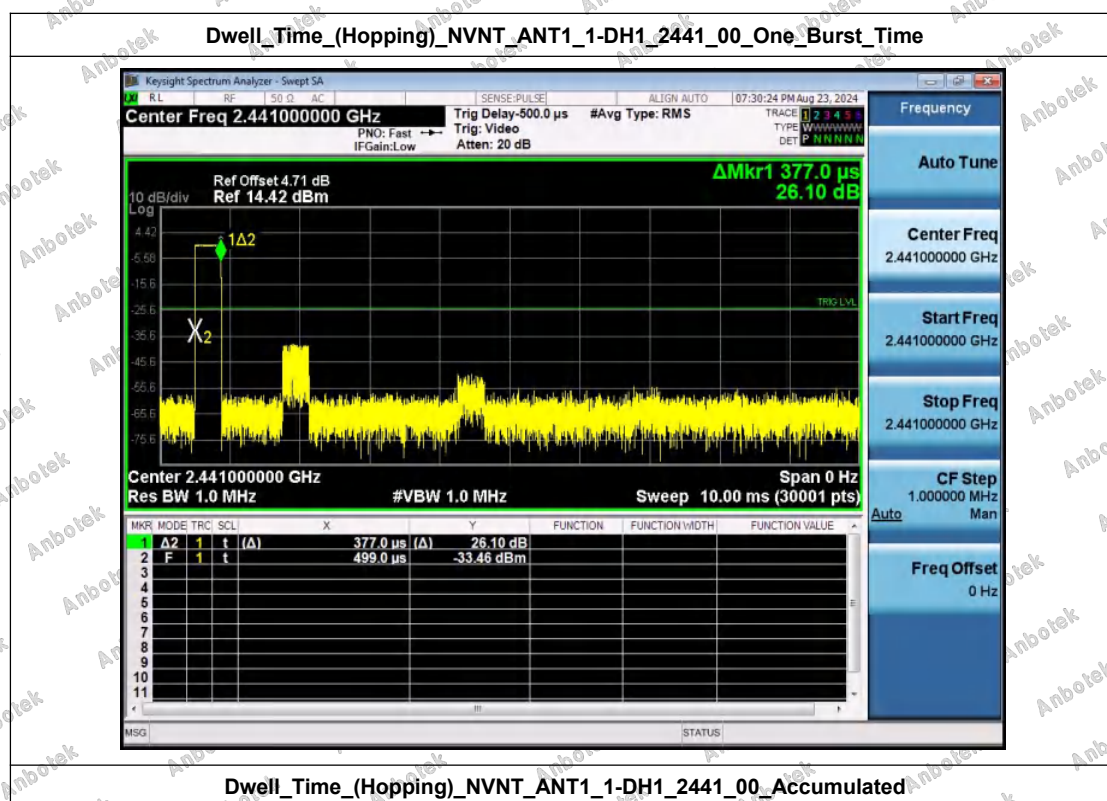


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_Accumulated



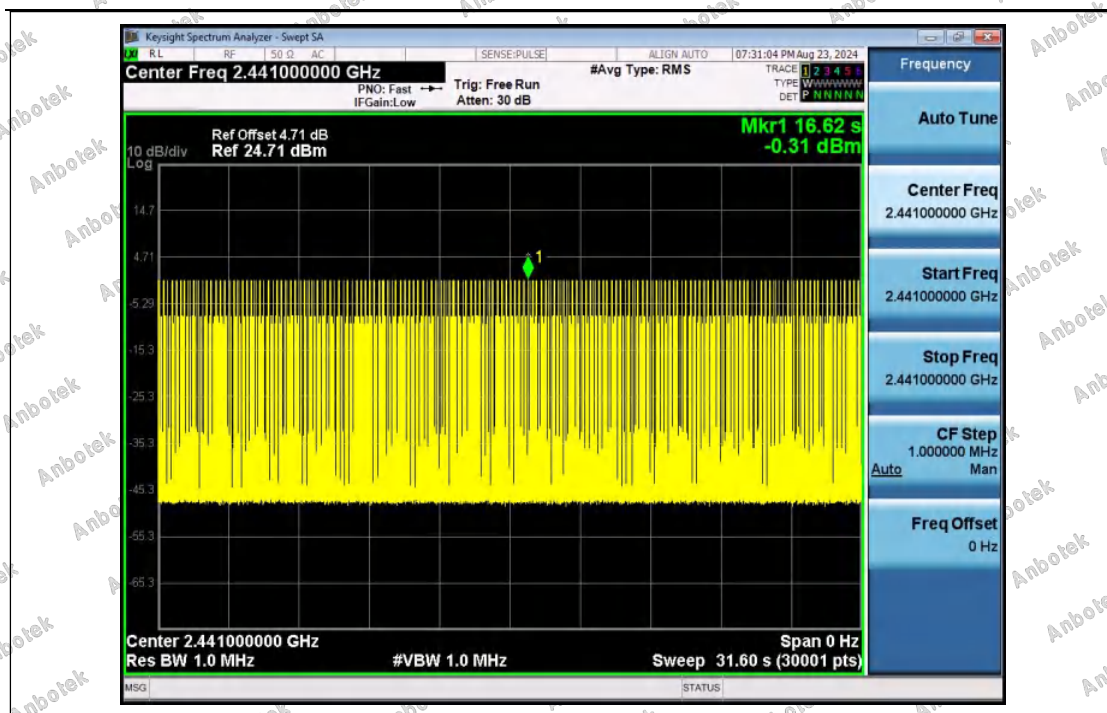


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_One_Burst_Time

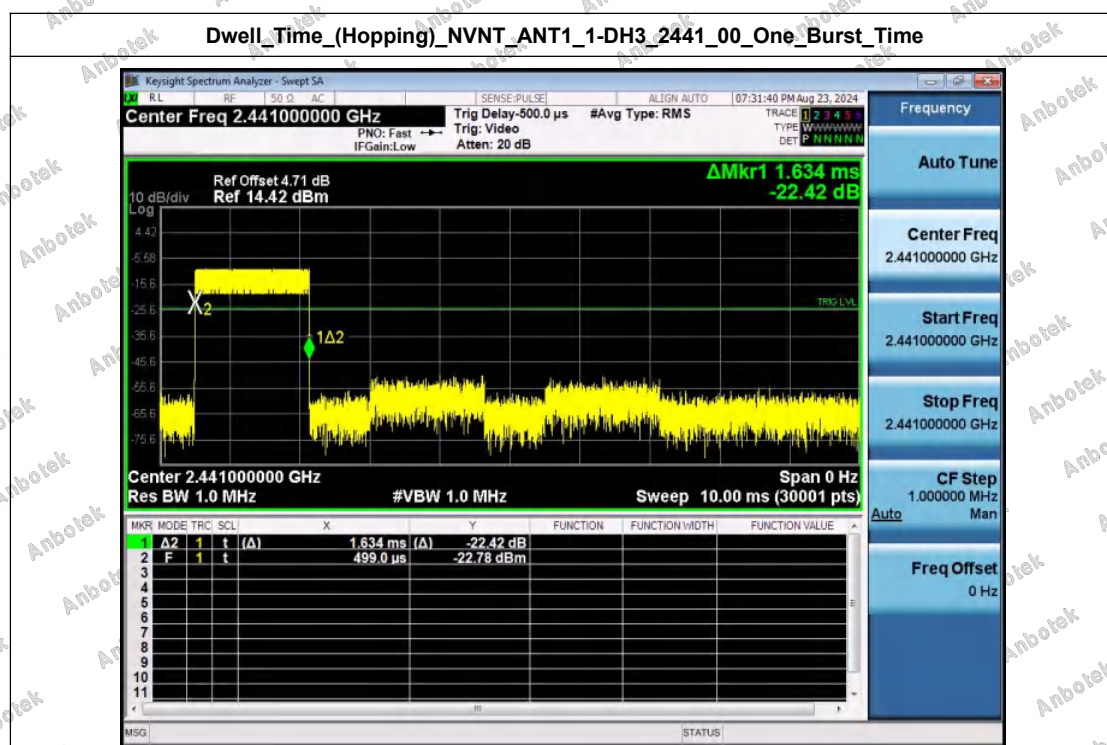


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_Accumulated



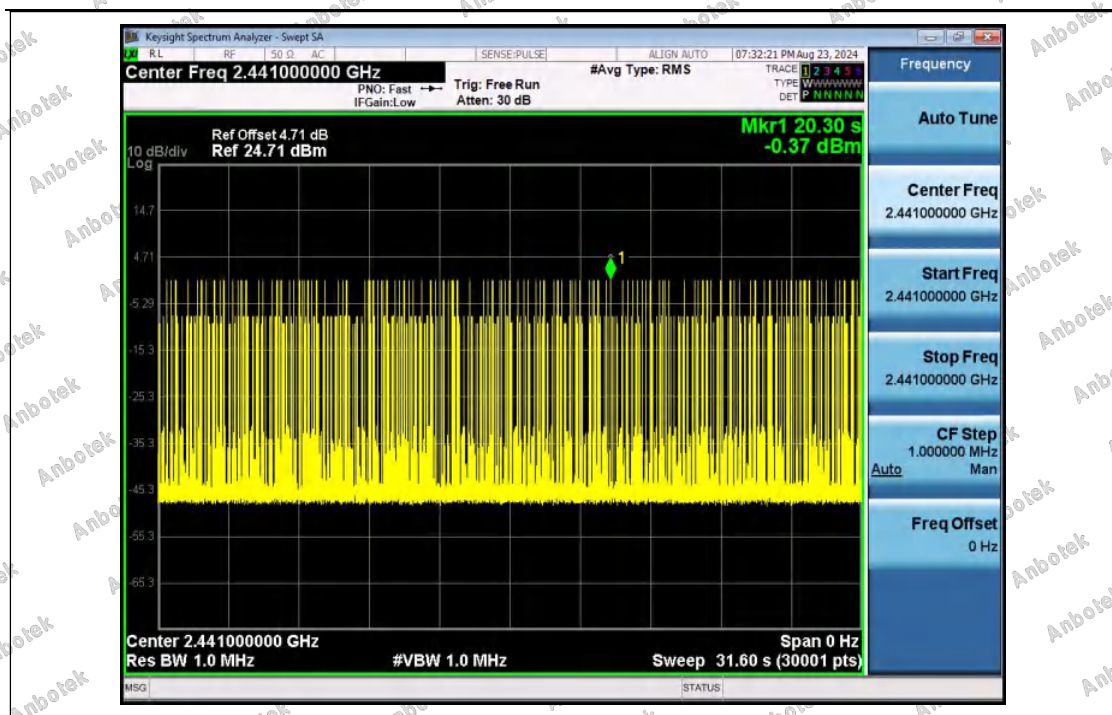


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time

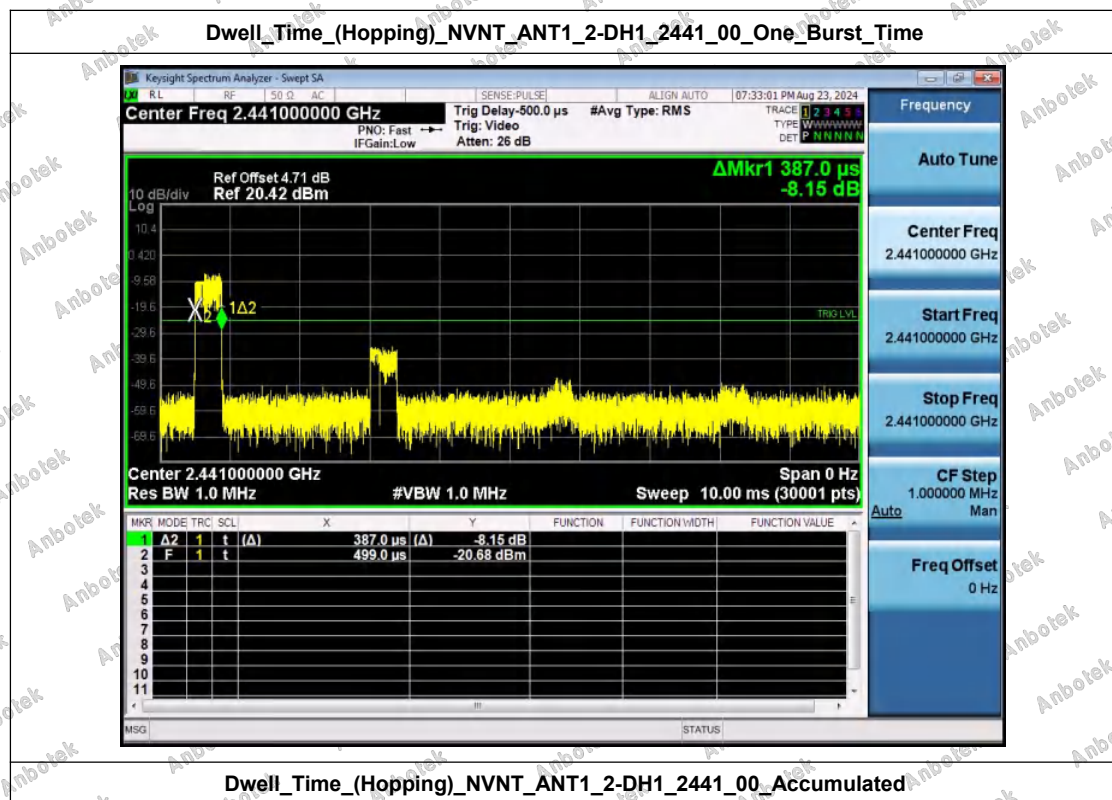


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_Accumulated



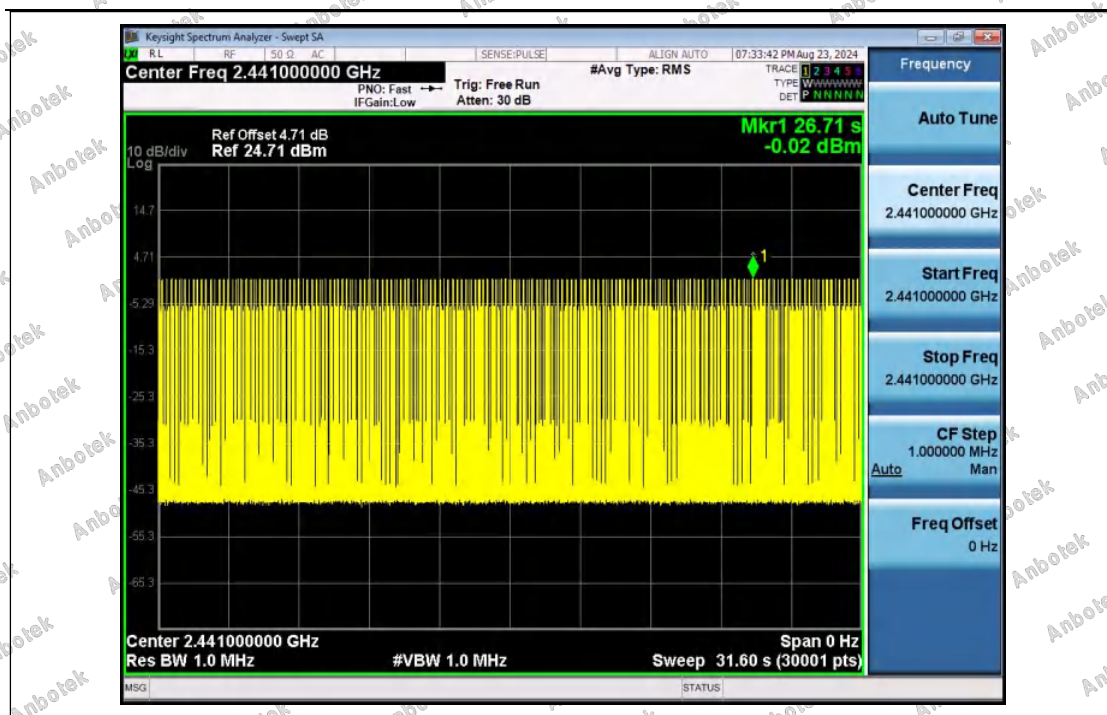


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_One_Burst_Time

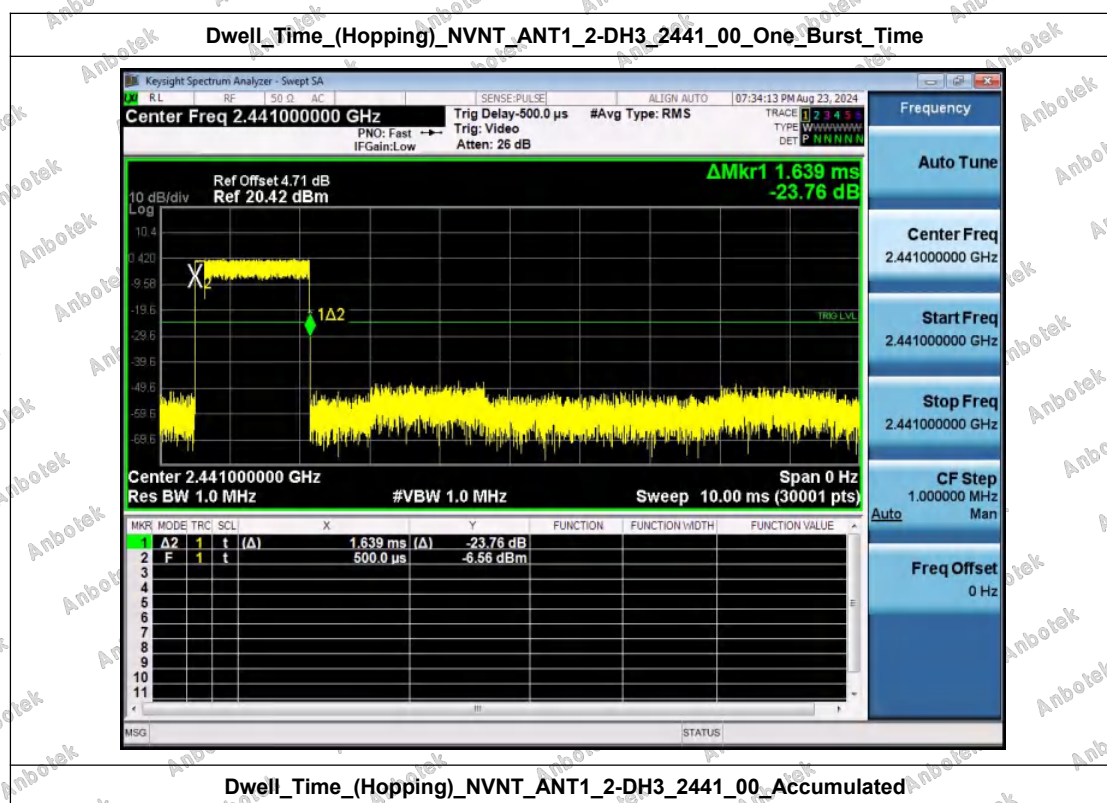


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_Accumulated



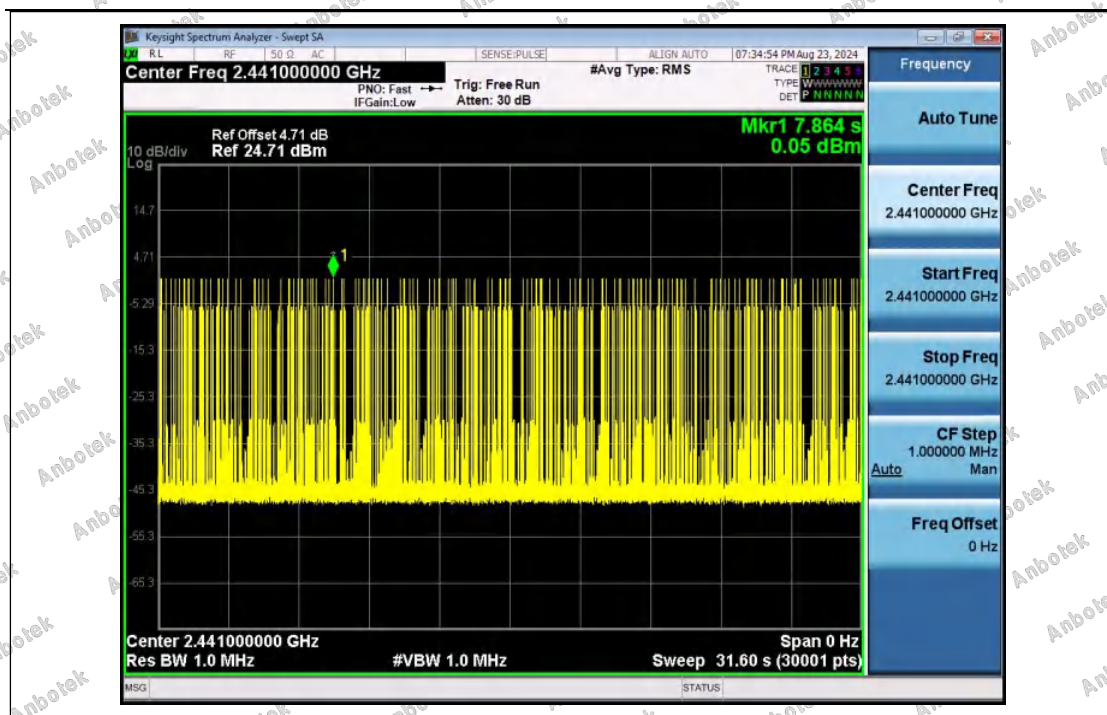


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_One_Burst_Time

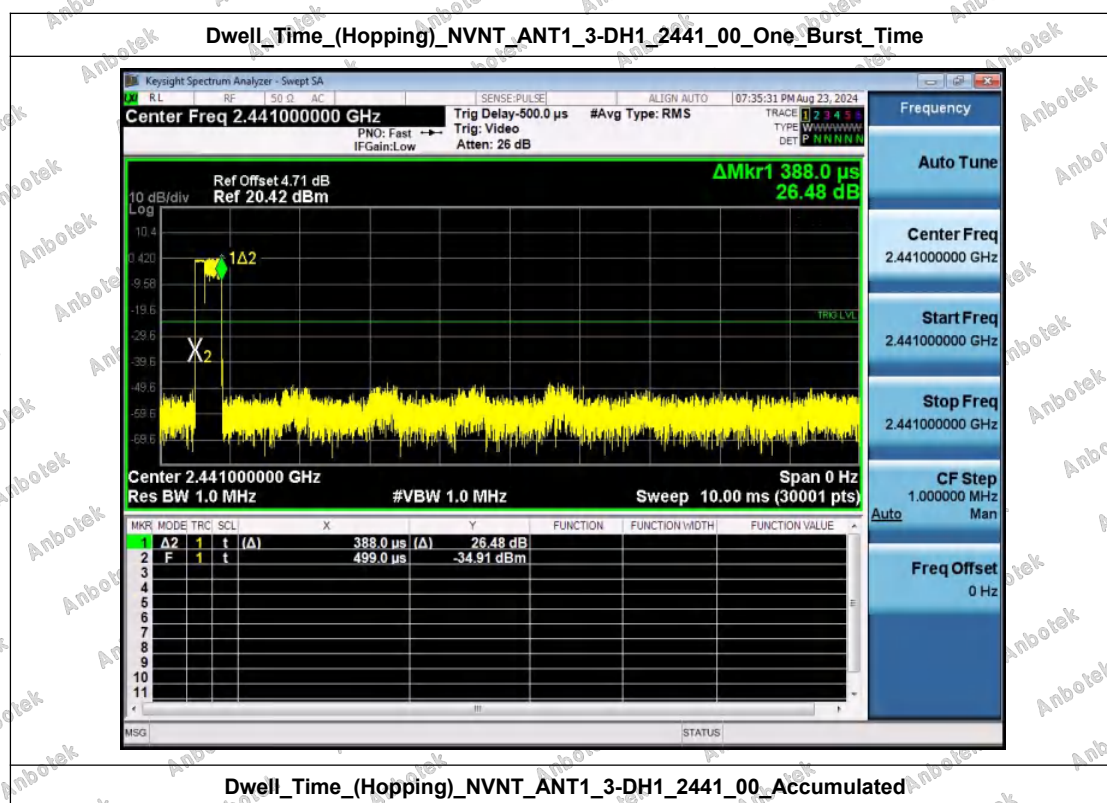


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_Accumulated



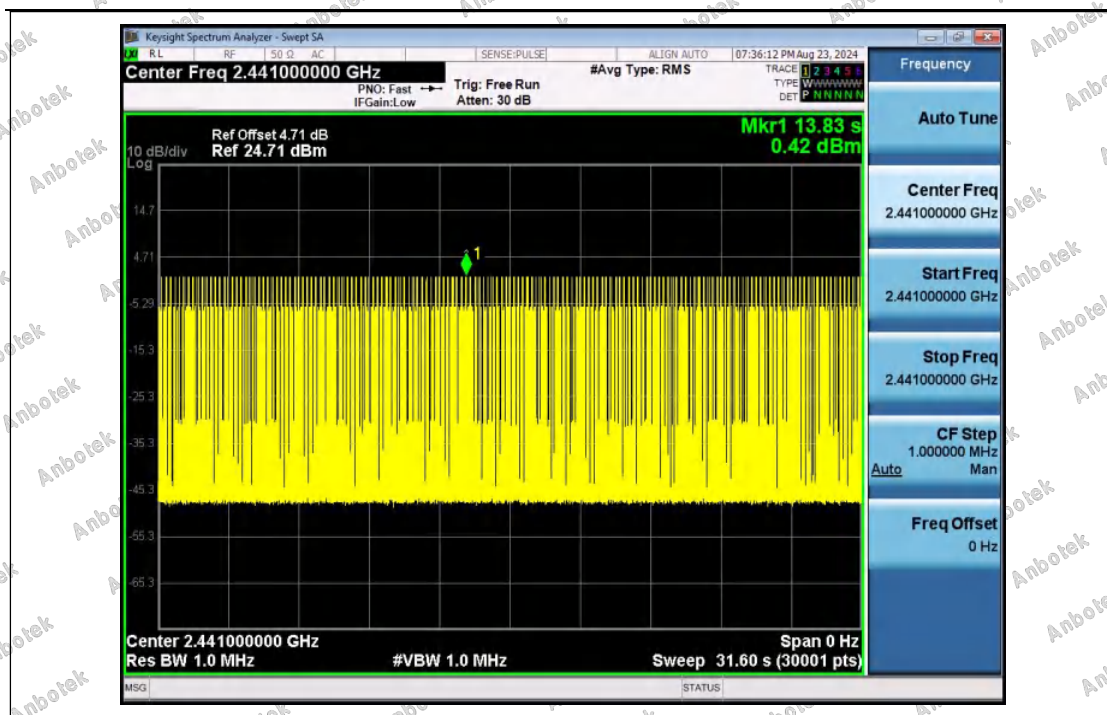


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_One_Burst_Time

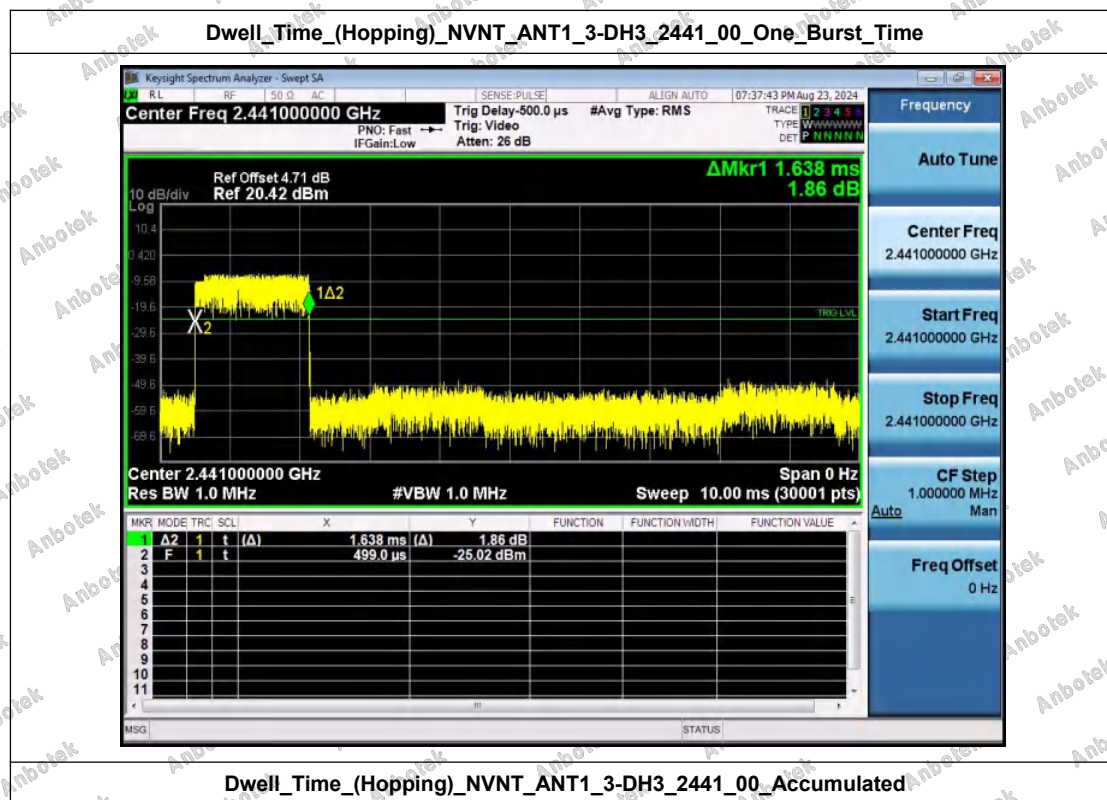


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_Accumulated



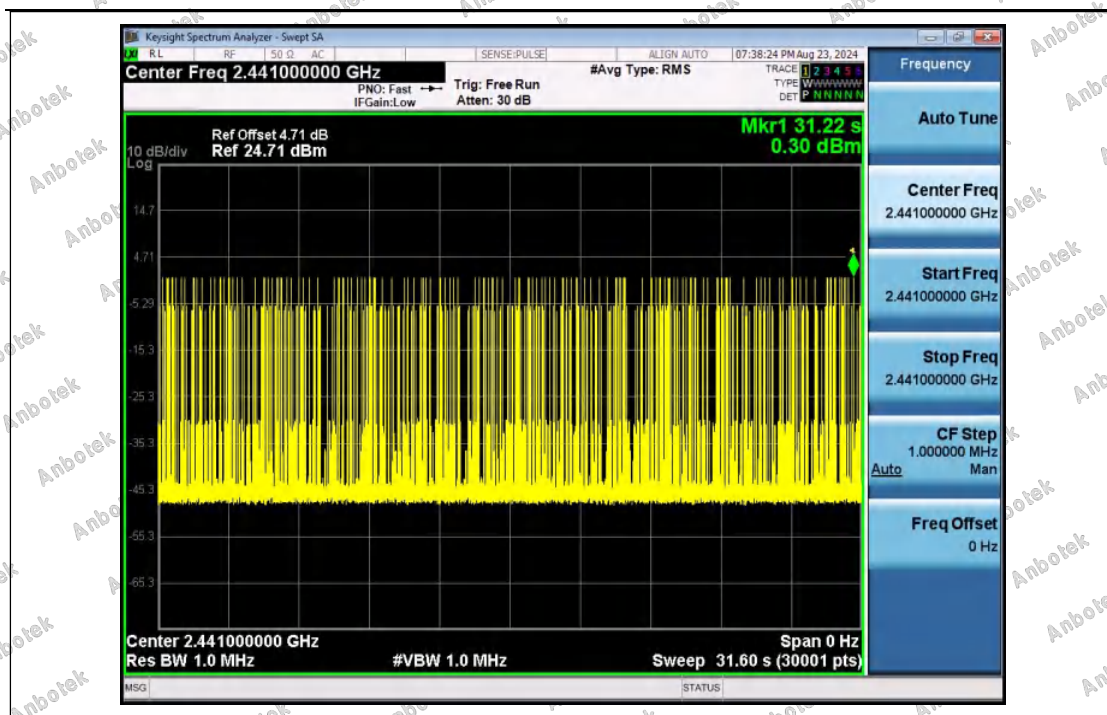


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_Accumulated





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