

Appendix Test Data

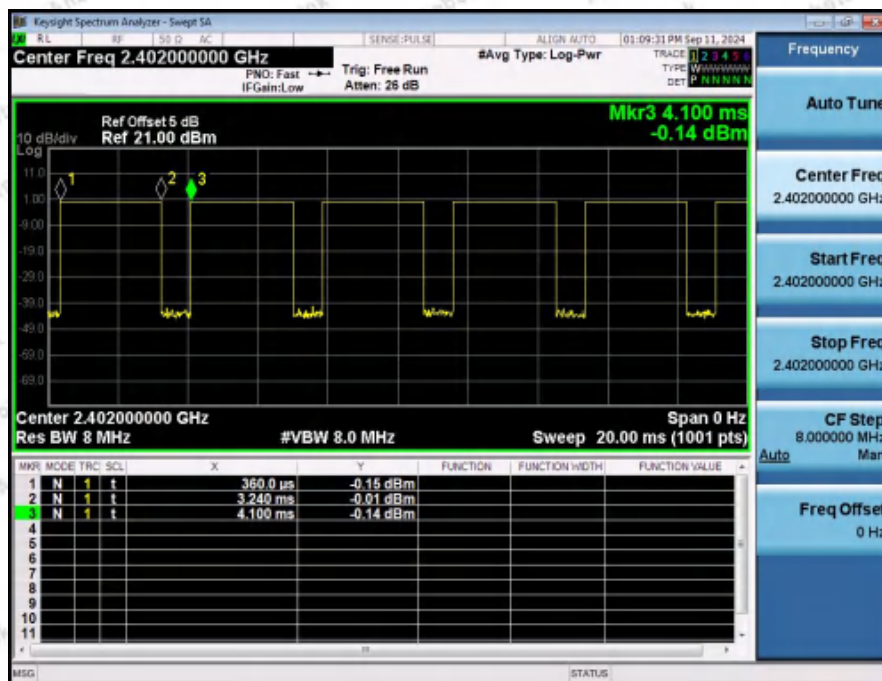
Report No.:	1813C40073512501	Test Sample No.:	1-2-2
Start Test Date:	2024.9.11	Finish Test Date:	2024.9.11
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	22.4℃	Relative Humidity:	51%
Pressure:	101kPa		

Appendix A:Duty Cycle

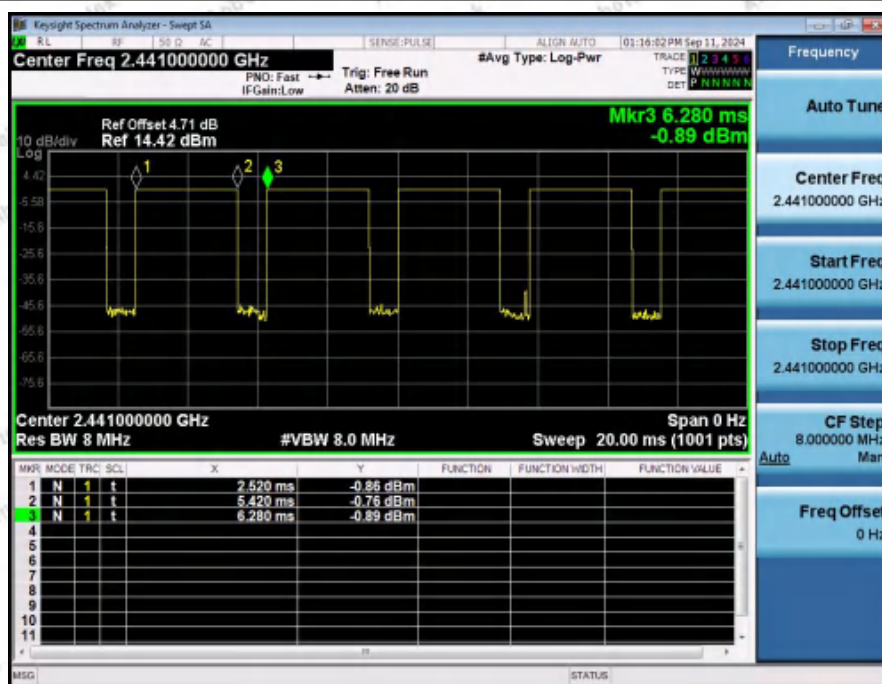
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH5	2402.00	77.01	1.13
NVNT	ANT1	1-DH5	2441.00	77.66	1.10
NVNT	ANT1	1-DH5	2480.00	77.54	1.10
NVNT	ANT1	2-DH5	2402.00	77.66	1.10
NVNT	ANT1	2-DH5	2441.00	77.13	1.13
NVNT	ANT1	2-DH5	2480.00	77.54	1.10
NVNT	ANT1	3-DH5	2402.00	77.66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



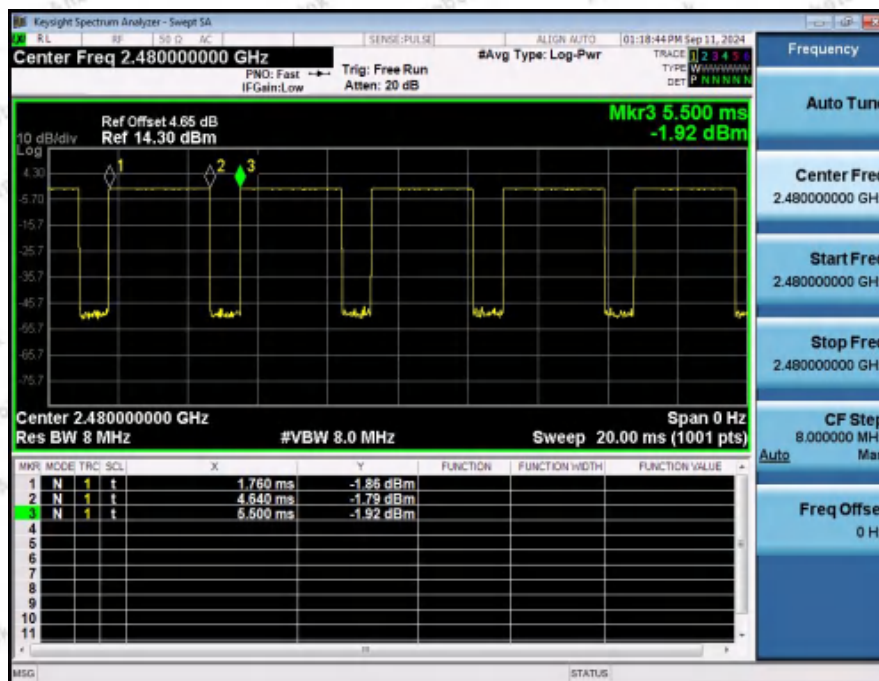
Duty_Cycle_NVNT_ANT1_1-DH5_2402



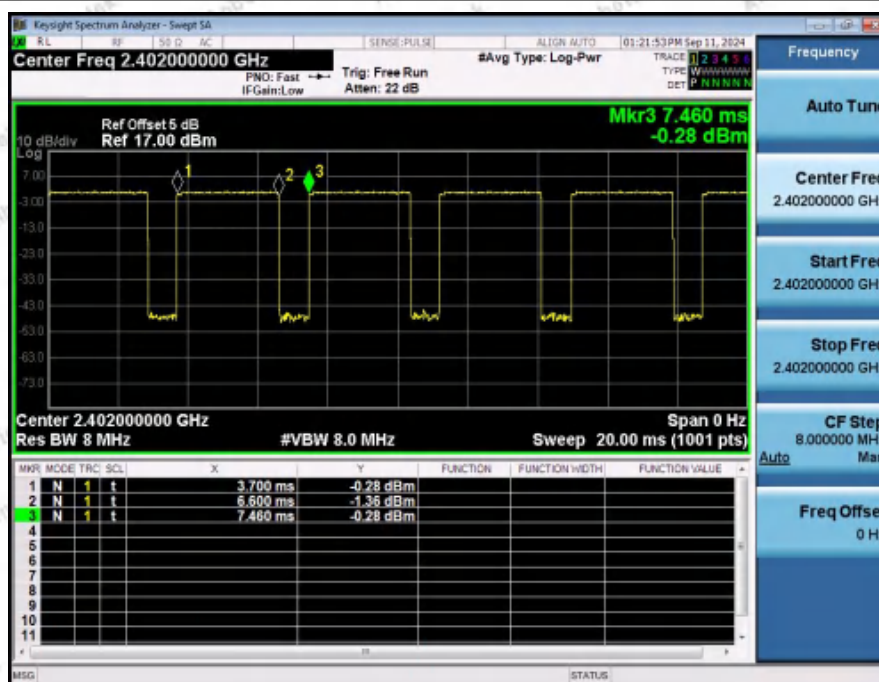
Duty_Cycle_NVNT_ANT1_1-DH5_2441



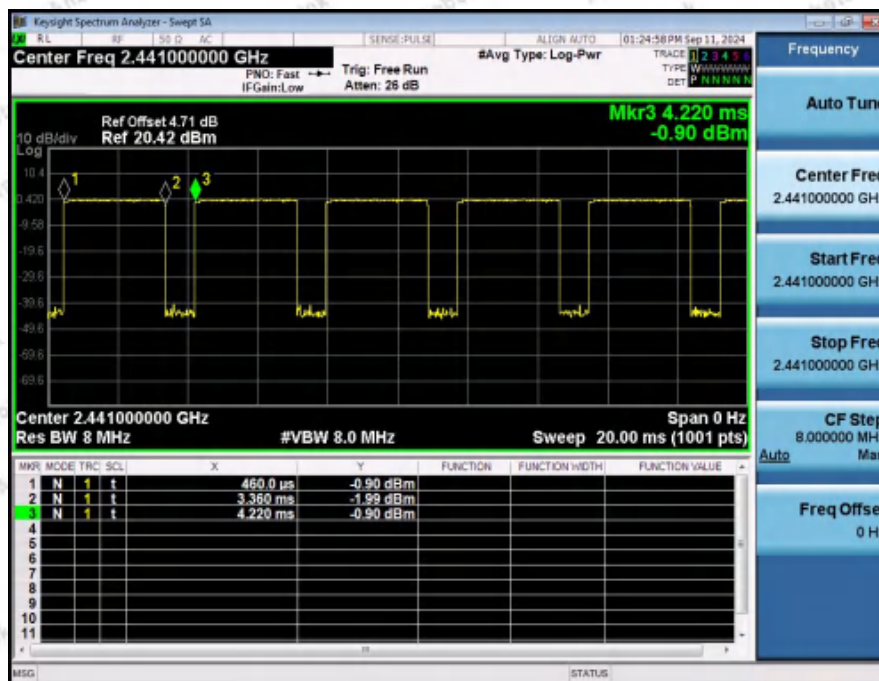
Duty_Cycle_NVNT_ANT1_1-DH5_2480



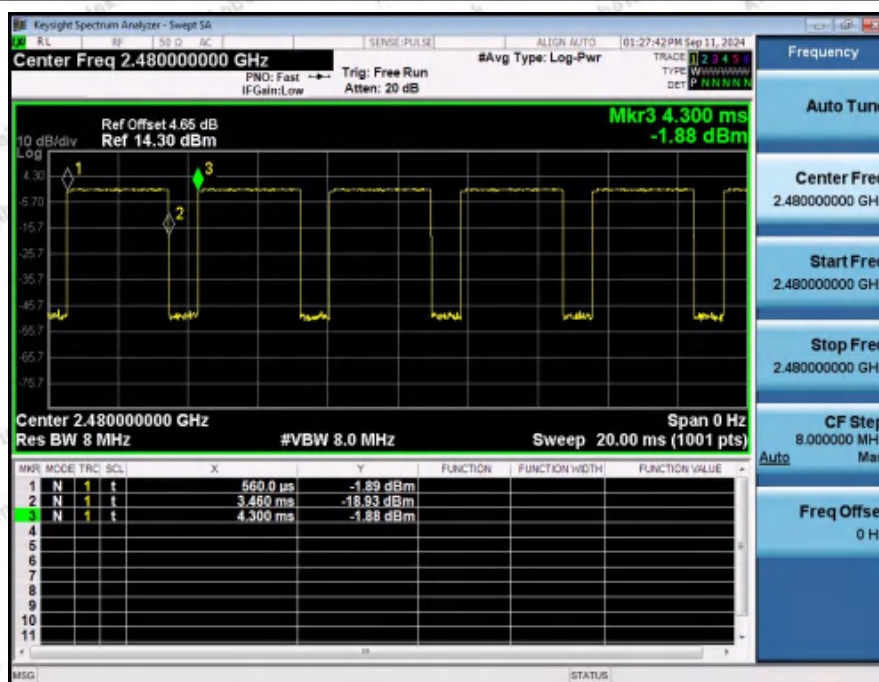
Duty_Cycle_NVNT_ANT1_2-DH5_2402



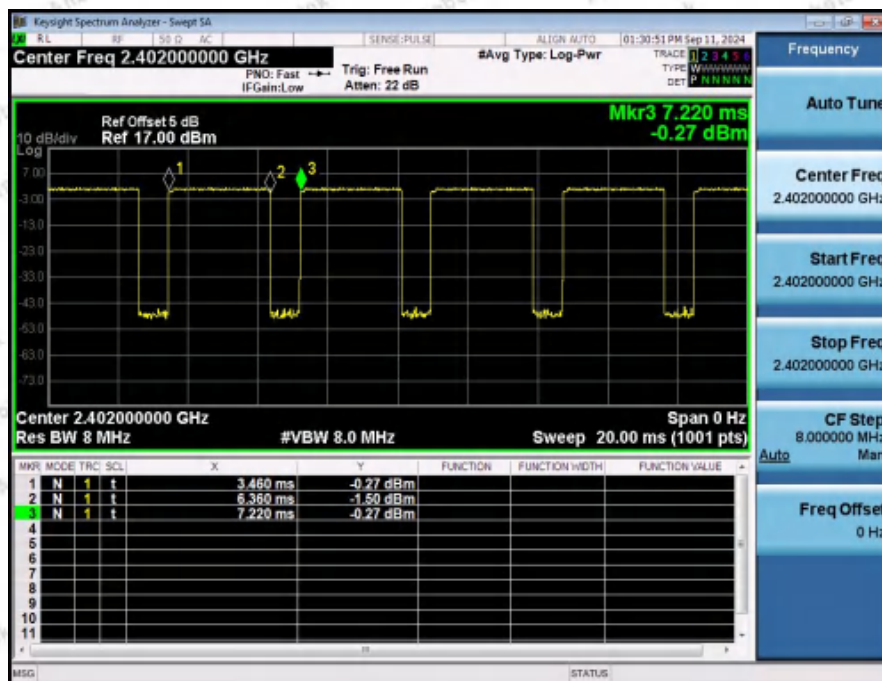
Duty_Cycle_NVNT_ANT1_2-DH5_2441



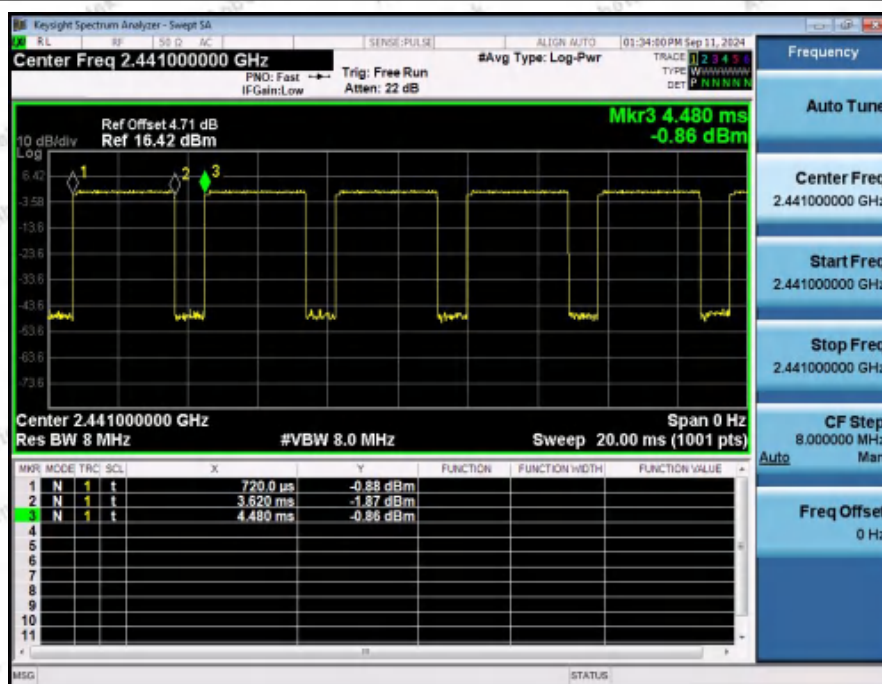
Duty_Cycle_NVNT_ANT1_2-DH5_2480



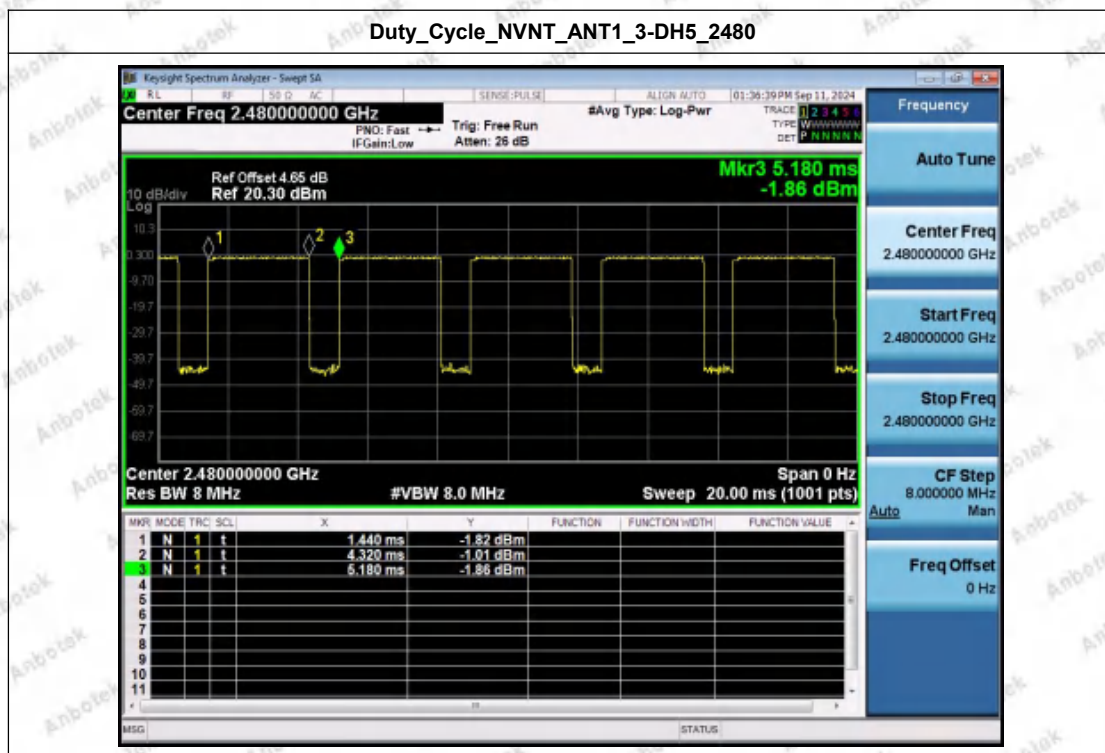
Duty_Cycle_NVNT_ANT1_3-DH5_2402



Duty_Cycle_NVNT_ANT1_3-DH5_2441



Duty_Cycle_NVNT_ANT1_3-DH5_2480



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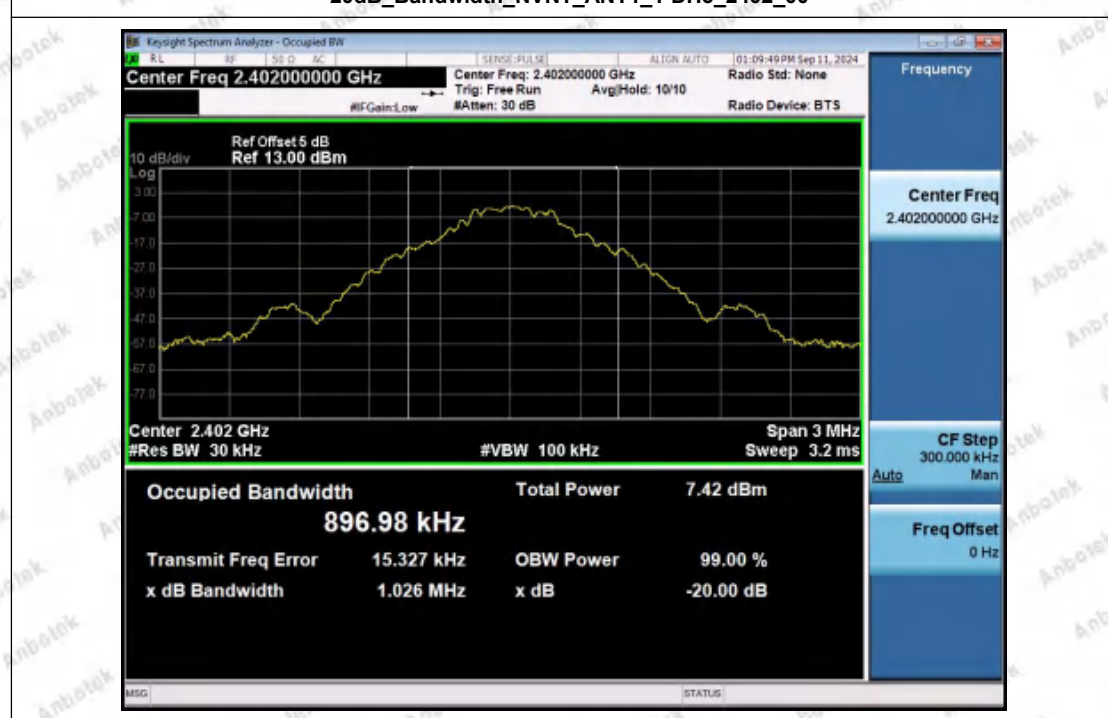
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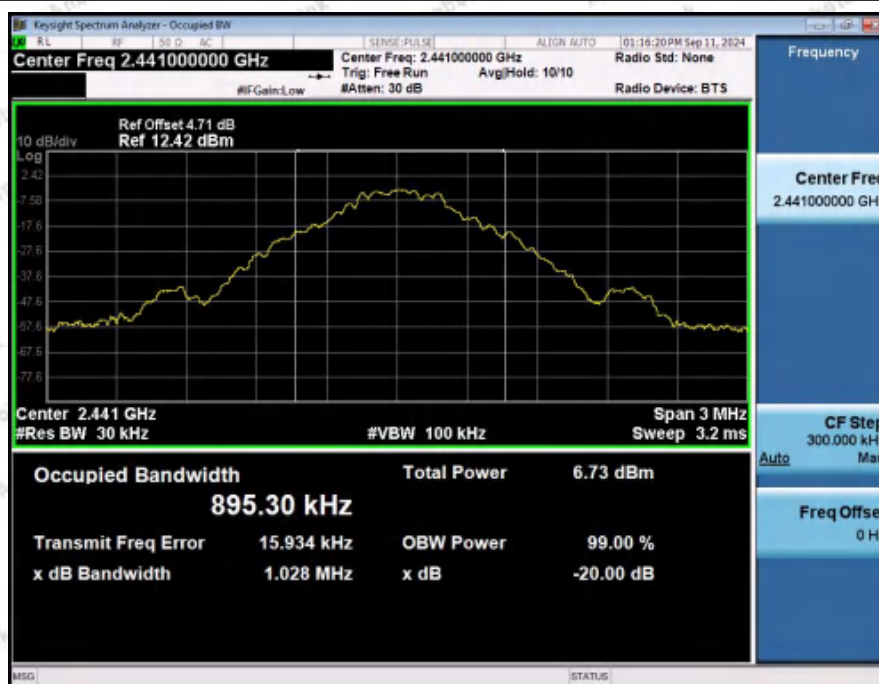
Appendix B:-20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.026	Yes
NVNT	ANT1	1-DH5	2441.00	1.028	Yes
NVNT	ANT1	1-DH5	2480.00	1.020	Yes
NVNT	ANT1	2-DH5	2402.00	1.316	Yes
NVNT	ANT1	2-DH5	2441.00	1.311	Yes
NVNT	ANT1	2-DH5	2480.00	1.310	Yes
NVNT	ANT1	3-DH5	2402.00	1.304	Yes
NVNT	ANT1	3-DH5	2441.00	1.304	Yes
NVNT	ANT1	3-DH5	2480.00	1.304	Yes
NVNT	ANT1	1-DH1	2441.00	0.927	No
NVNT	ANT1	1-DH3	2441.00	1.004	Yes
NVNT	ANT1	2-DH1	2441.00	1.273	Yes
NVNT	ANT1	2-DH3	2441.00	1.294	Yes
NVNT	ANT1	3-DH1	2441.00	1.252	Yes
NVNT	ANT1	3-DH3	2441.00	1.293	Yes

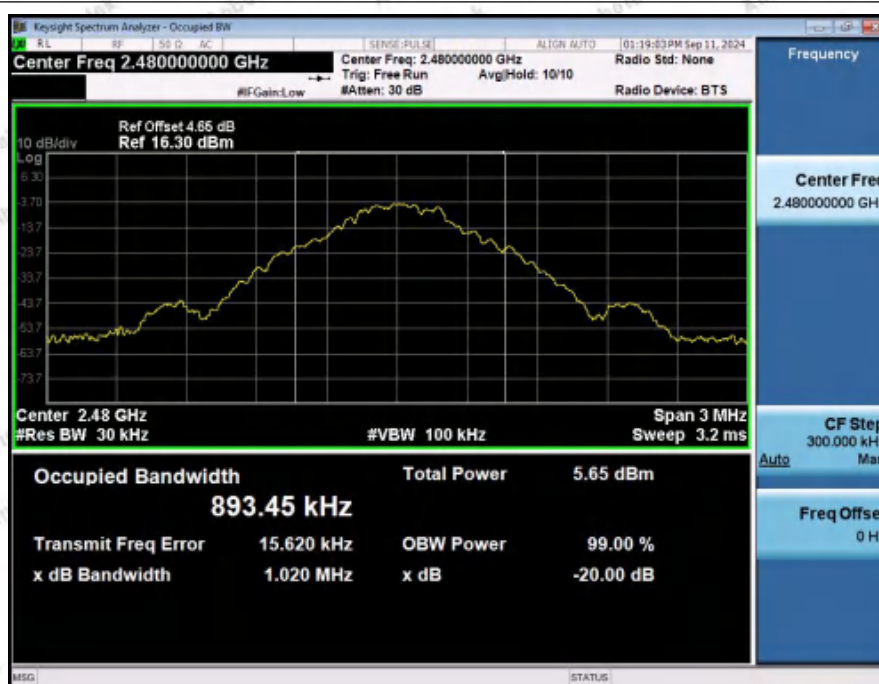
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402_00



-20dB Bandwidth NVNT ANT1 1-DH5 2441 00



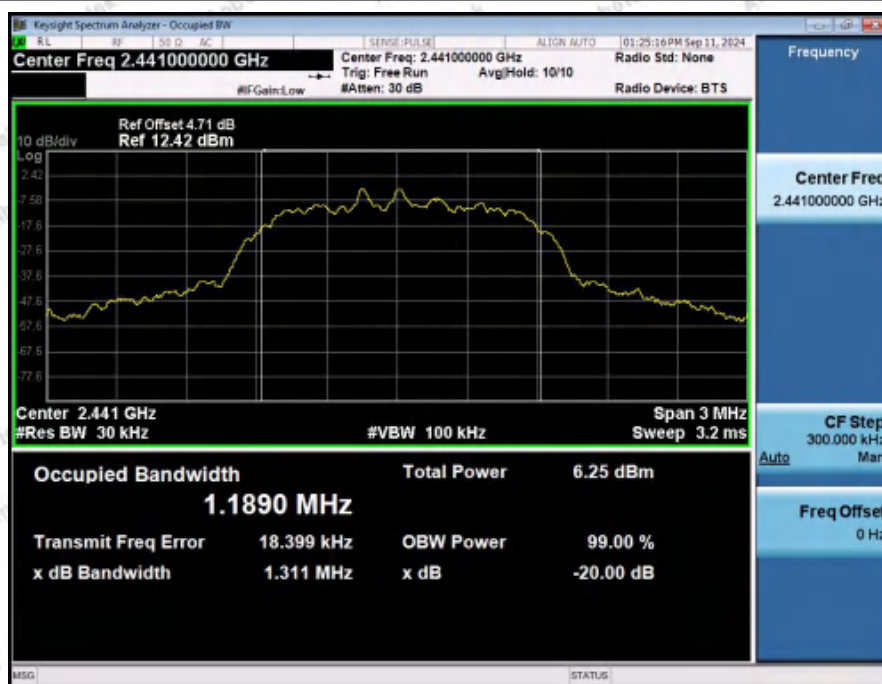
-20dB Bandwidth NVNT ANT1 1-DH5 2480 00



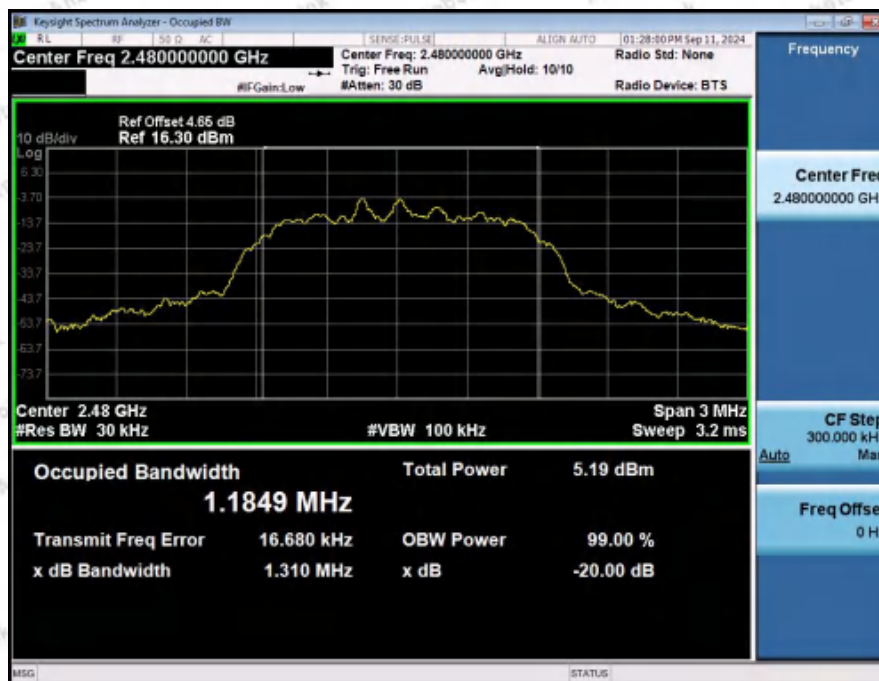
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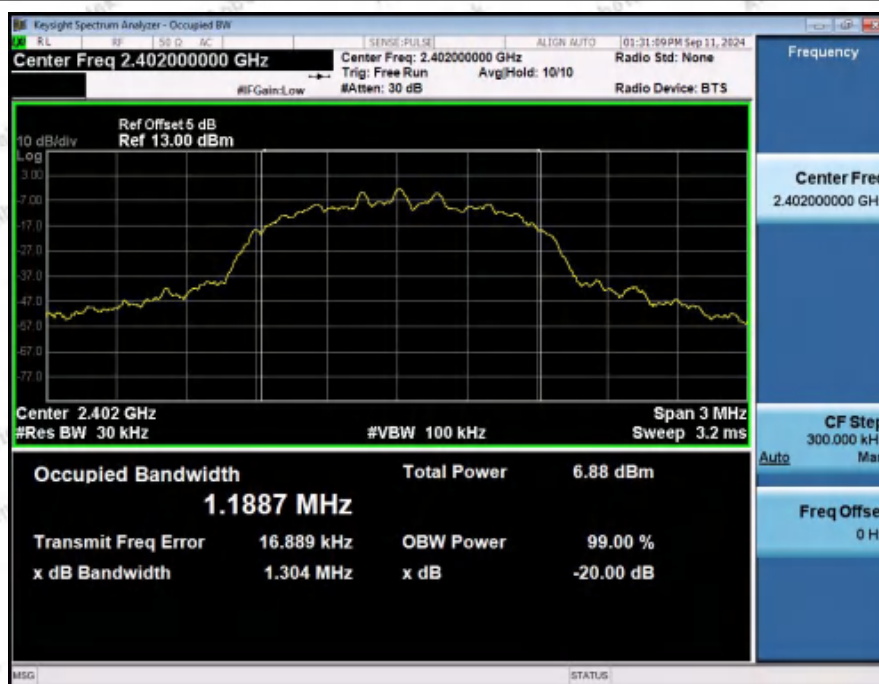
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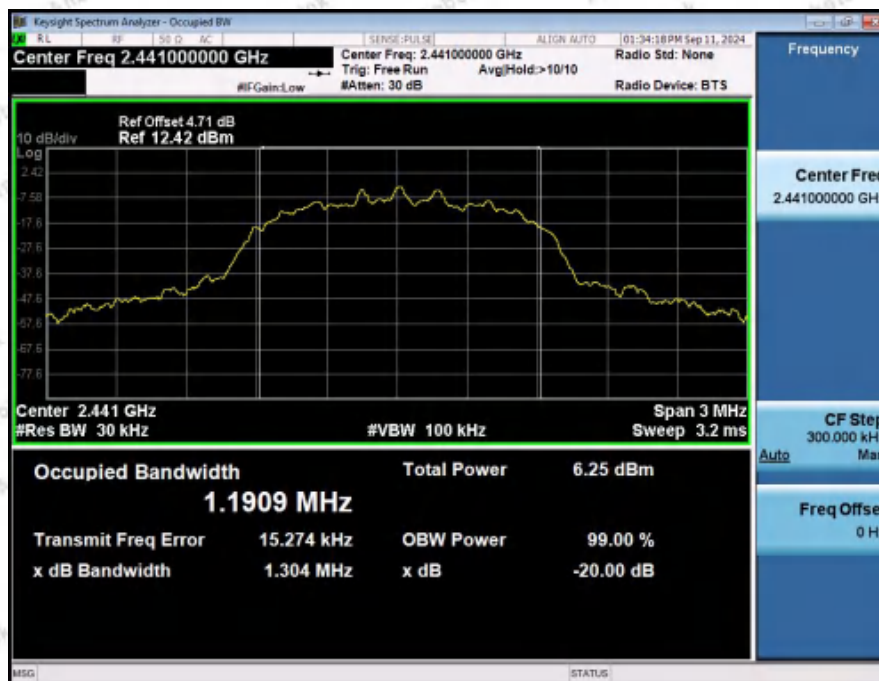
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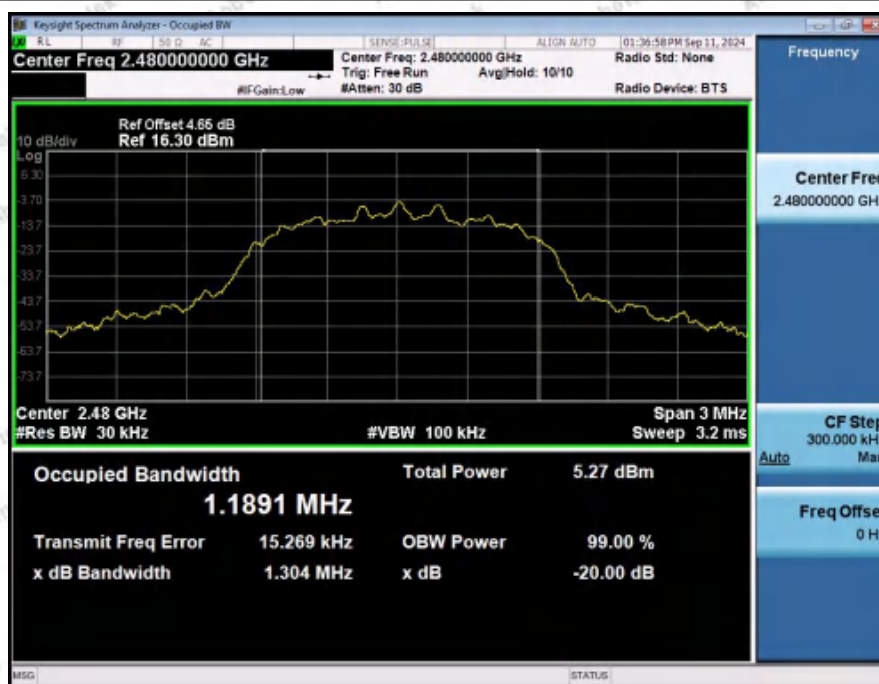
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-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00



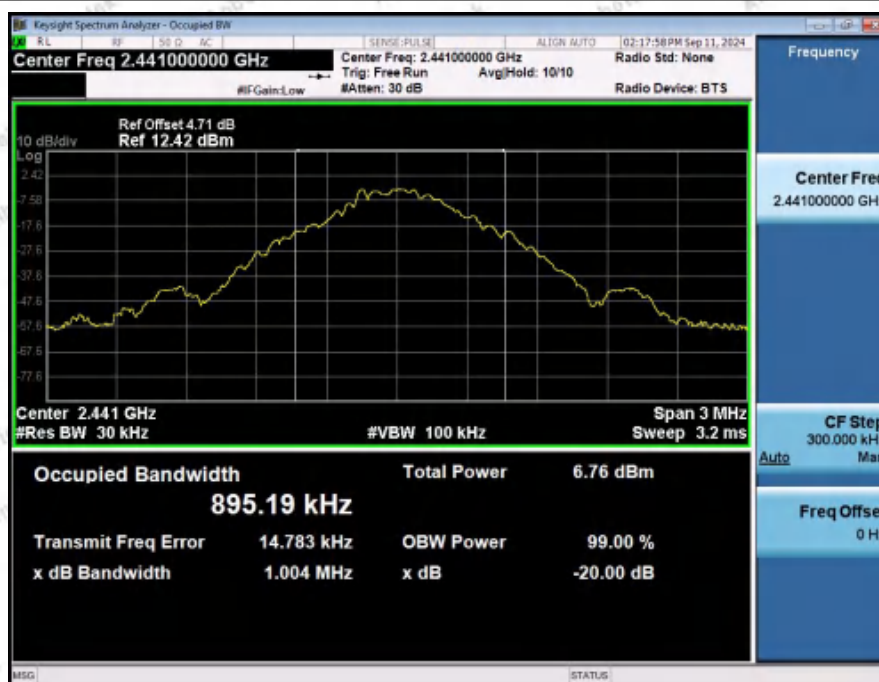
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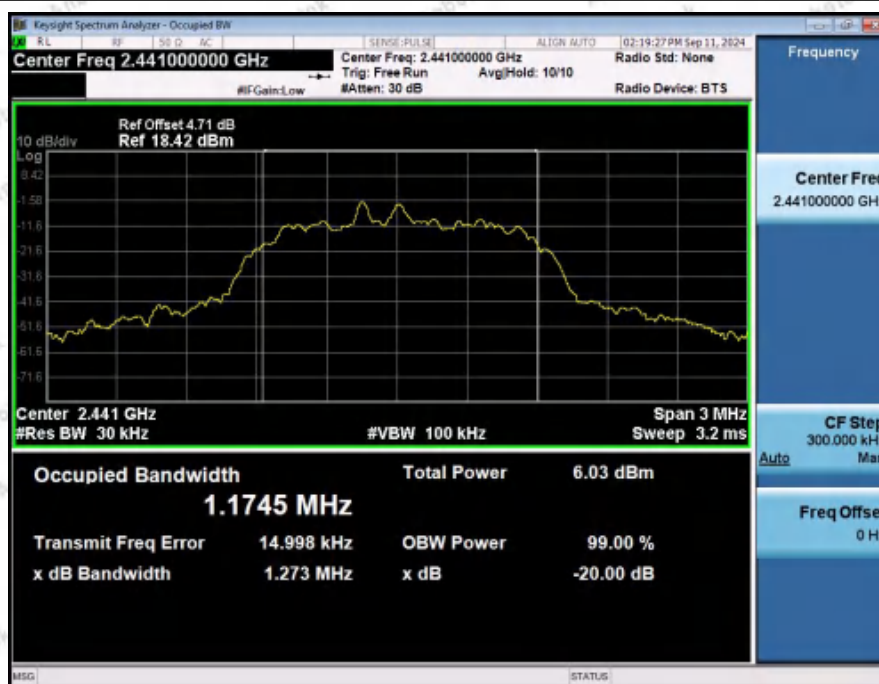
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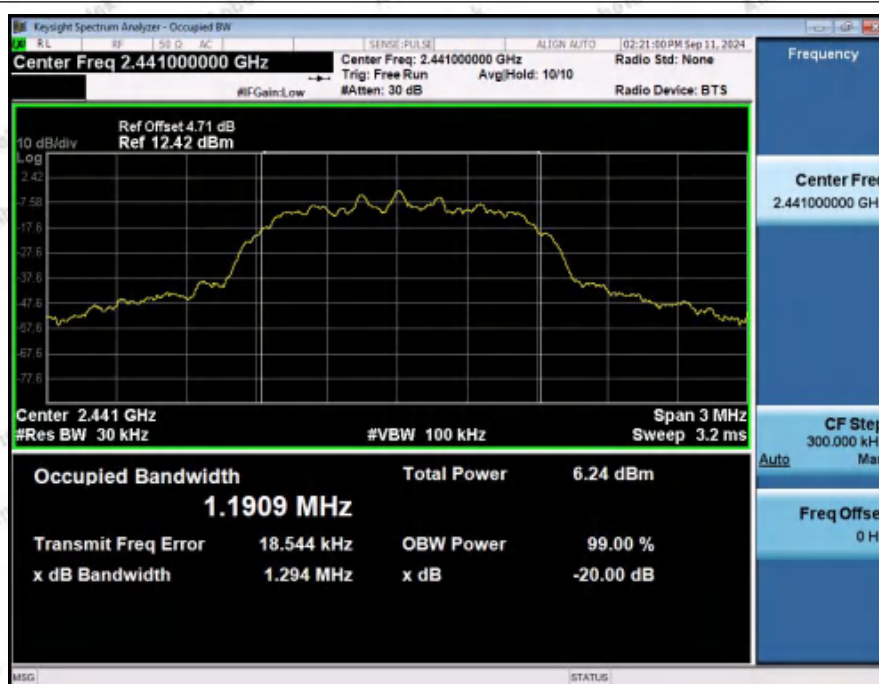
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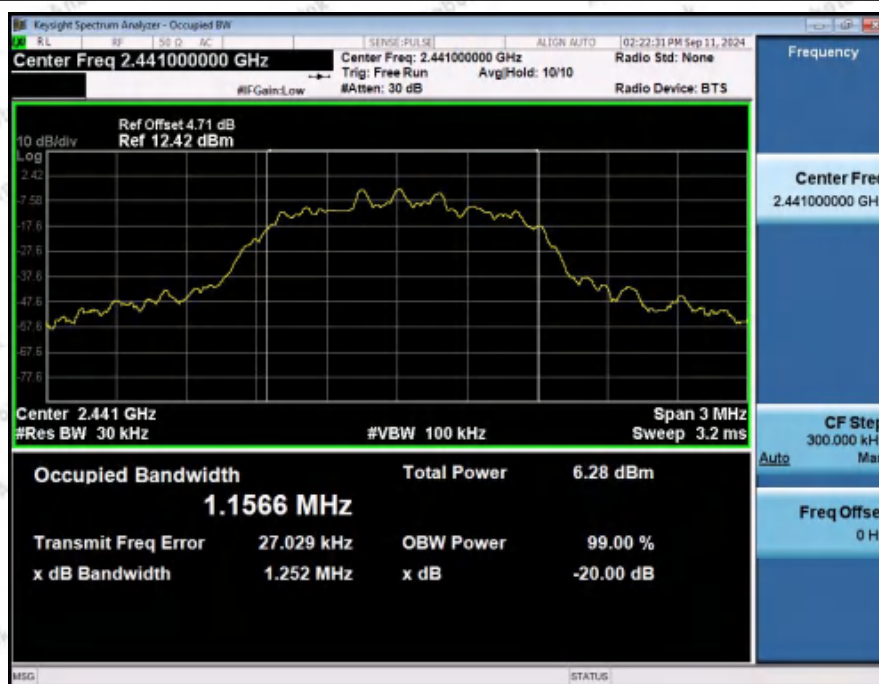
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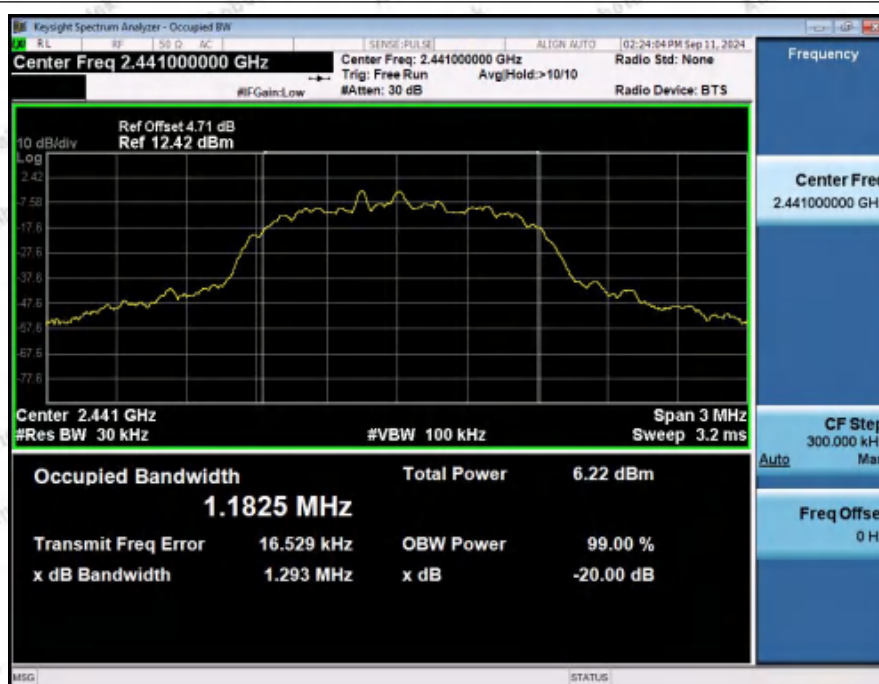
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-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00



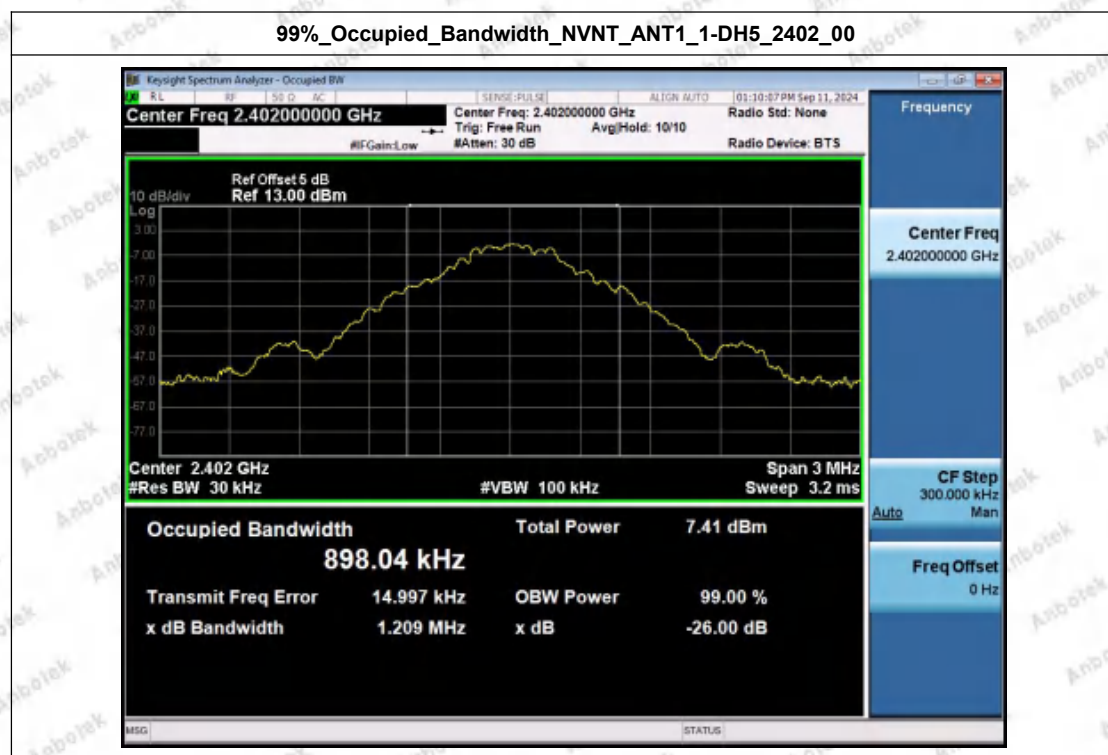
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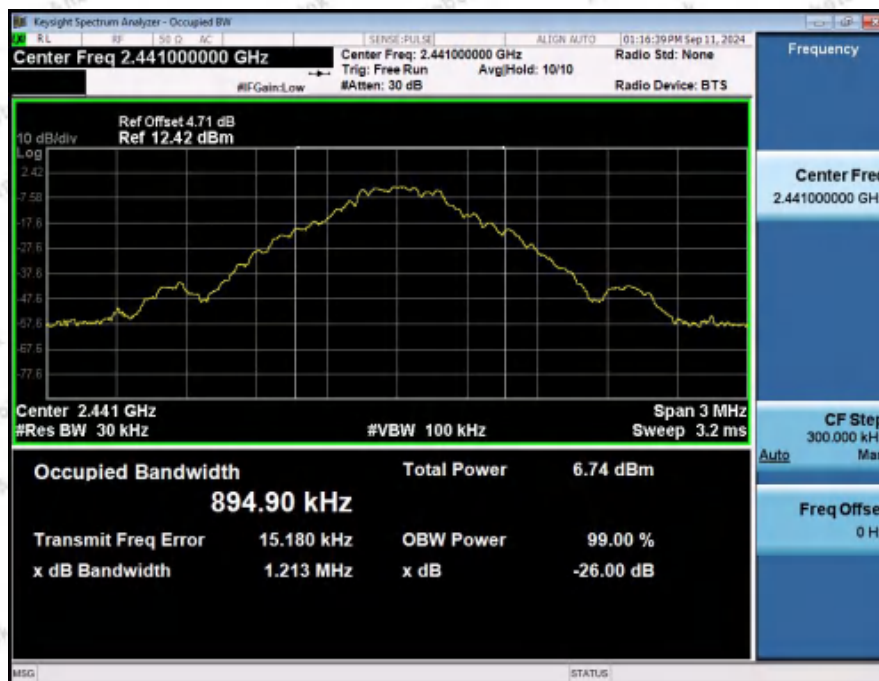
Appendix C:99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.898
NVNT	ANT1	1-DH5	2441.00	0.895
NVNT	ANT1	1-DH5	2480.00	0.890
NVNT	ANT1	2-DH5	2402.00	1.188
NVNT	ANT1	2-DH5	2441.00	1.188
NVNT	ANT1	2-DH5	2480.00	1.183
NVNT	ANT1	3-DH5	2402.00	1.189
NVNT	ANT1	3-DH5	2441.00	1.194
NVNT	ANT1	3-DH5	2480.00	1.190

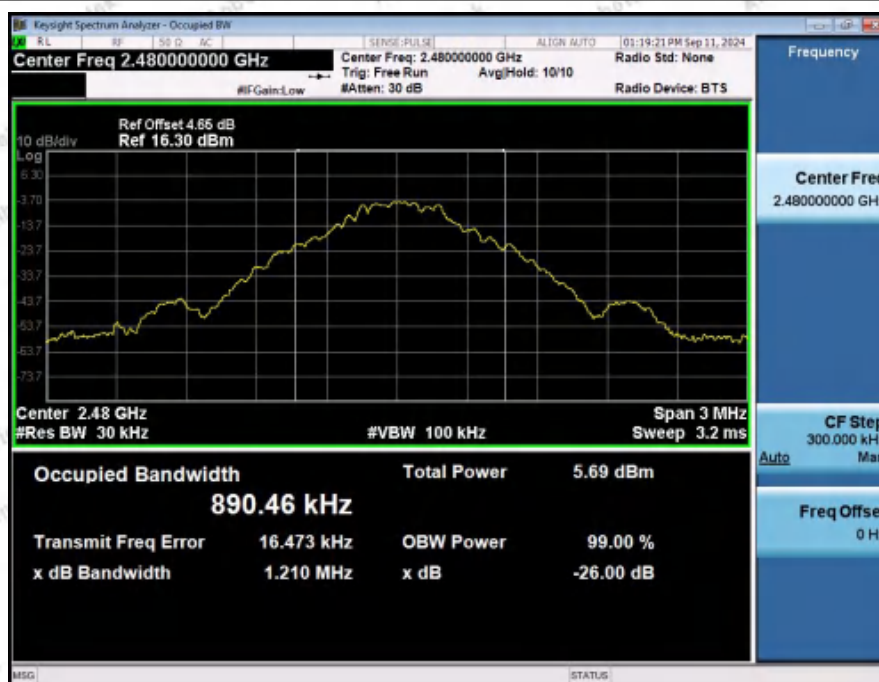
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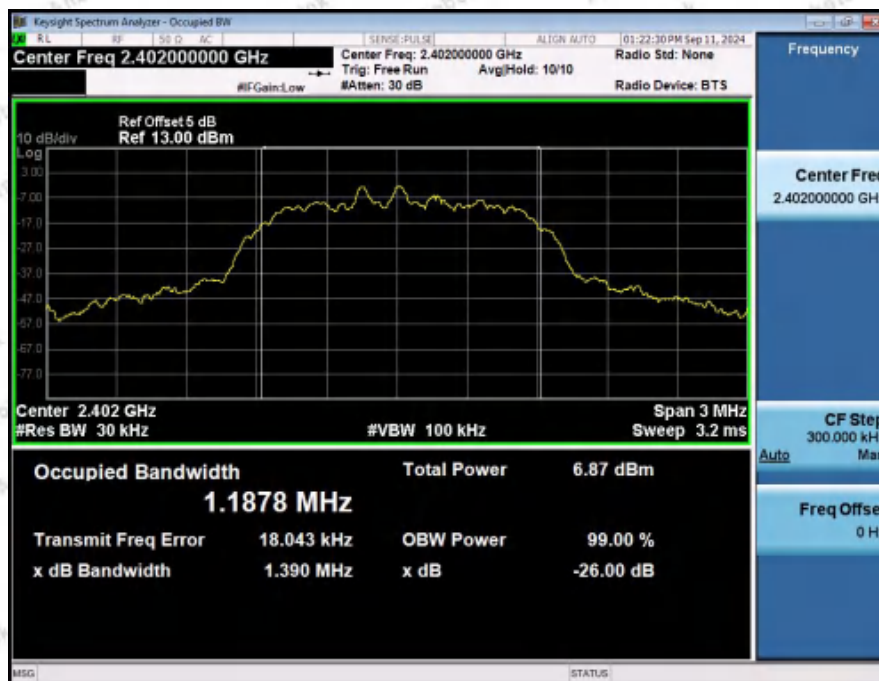
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00



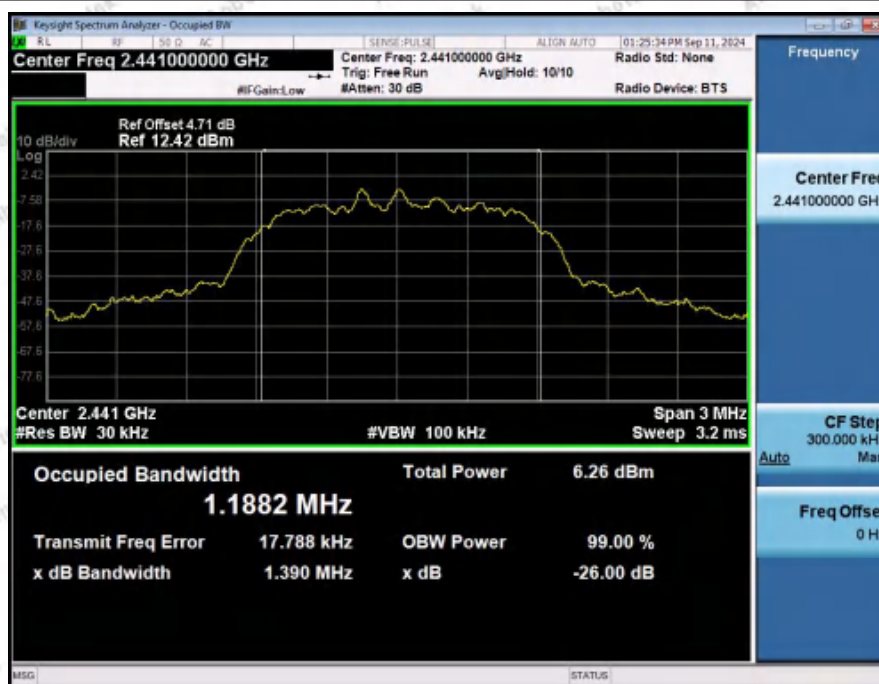
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00



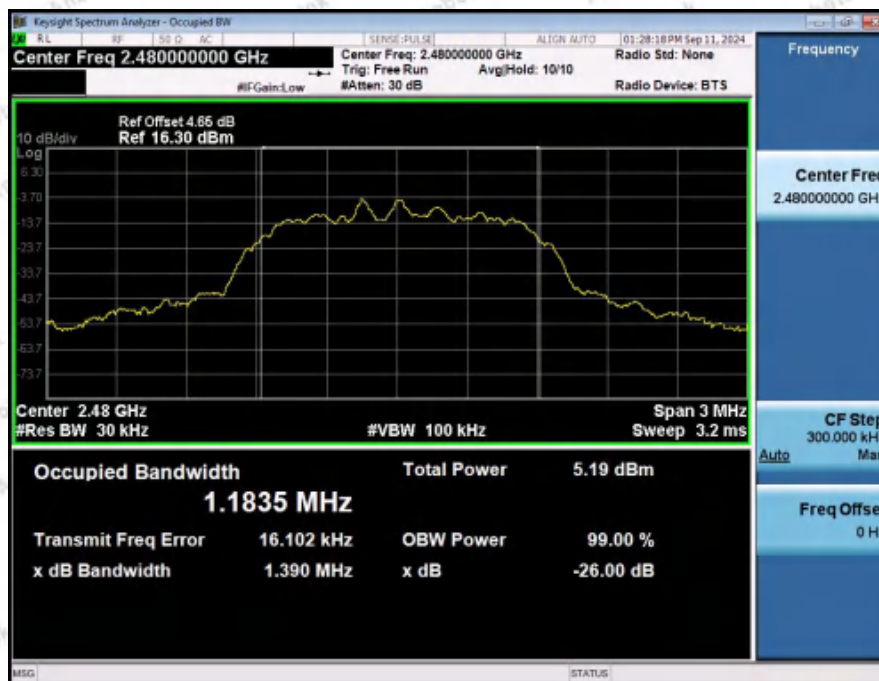
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



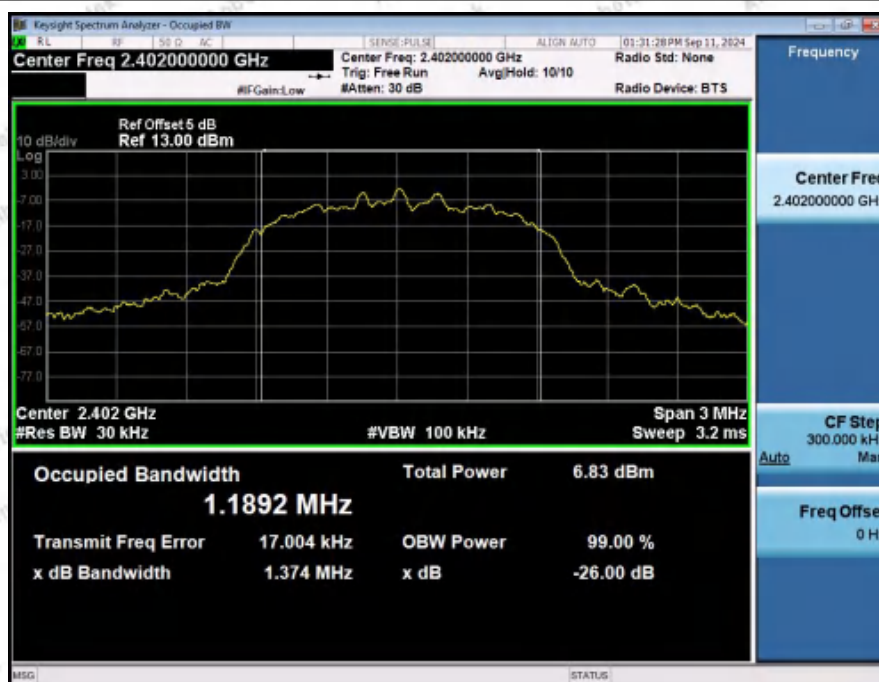
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00



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	-0.05	0.99	125	Pass
NVNT	ANT1	1-DH5	2441.00	-0.66	0.86	125	Pass
NVNT	ANT1	1-DH5	2480.00	-1.69	0.68	125	Pass
NVNT	ANT1	2-DH5	2402.00	0.82	1.21	125	Pass
NVNT	ANT1	2-DH5	2441.00	0.23	1.05	125	Pass
NVNT	ANT1	2-DH5	2480.00	-0.79	0.83	125	Pass
NVNT	ANT1	3-DH5	2402.00	1.26	1.34	125	Pass
NVNT	ANT1	3-DH5	2441.00	0.67	1.17	125	Pass
NVNT	ANT1	3-DH5	2480.00	-0.36	0.92	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH5_2402_00



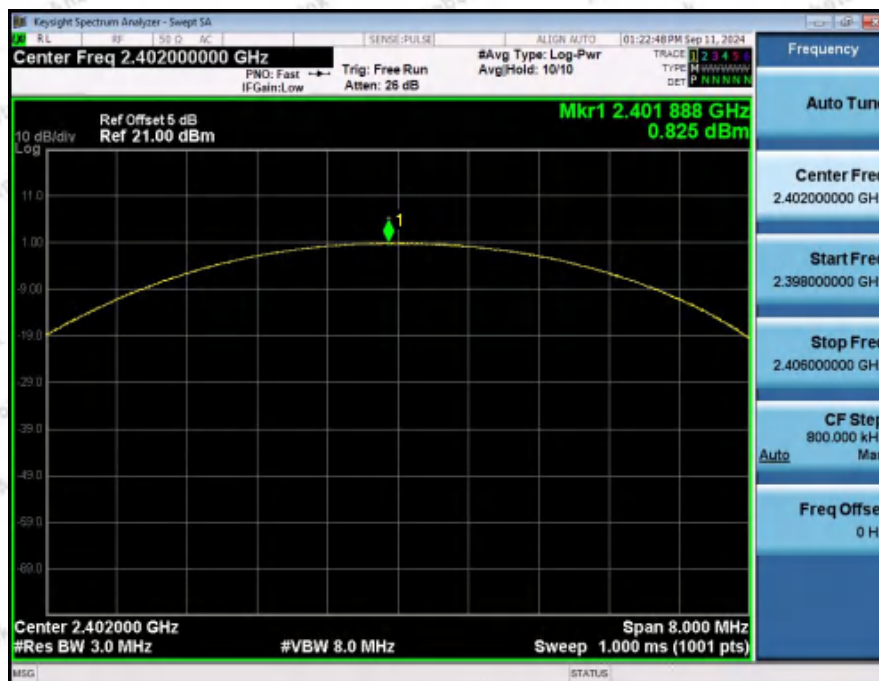
Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00



Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00



Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00



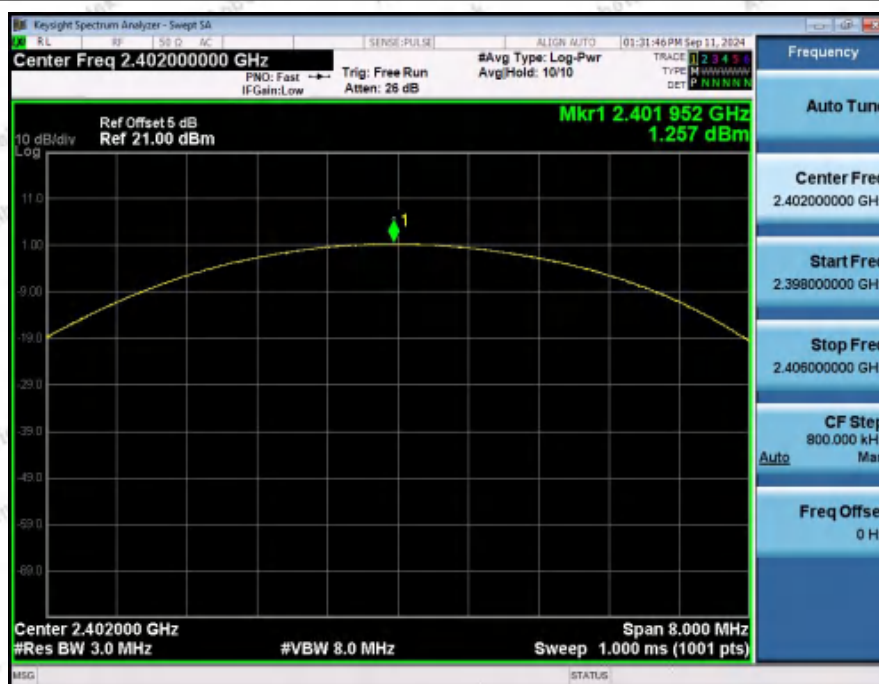
Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00



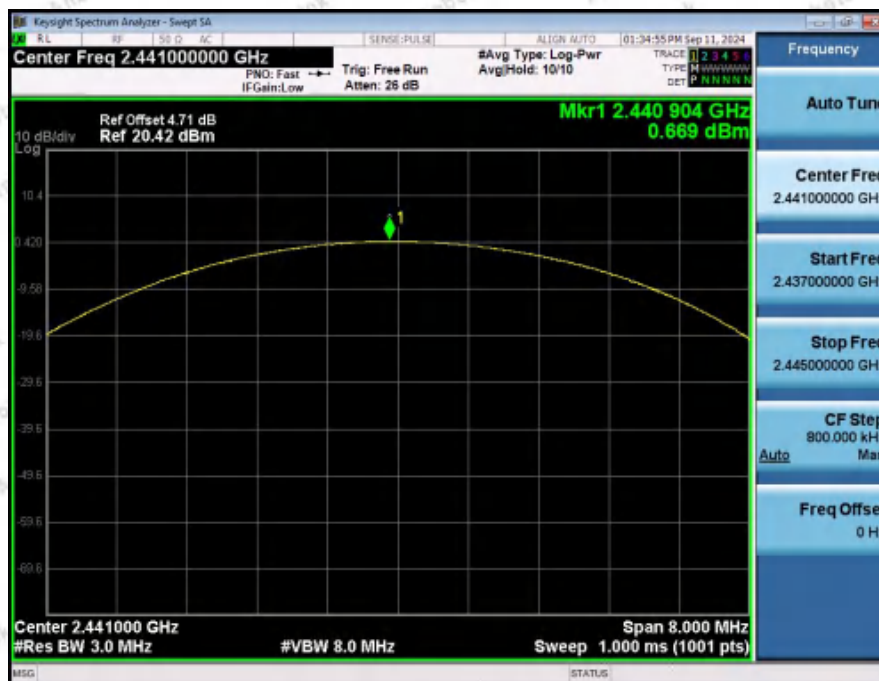
Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00



Peak_Output_Power_NVNT_ANT1_3-DH5_2402_00



Peak_Output_Power_NVNT_ANT1_3-DH5_2441_00



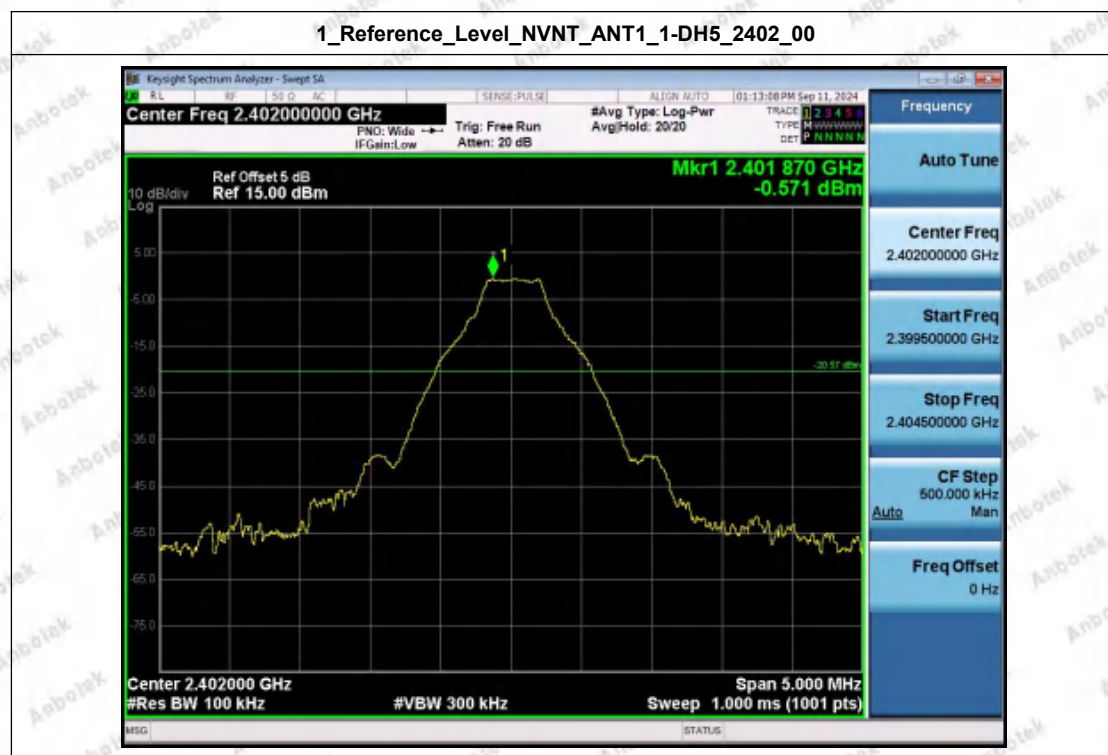
Peak_Output_Power_NVNT_ANT1_3-DH5_2480_00



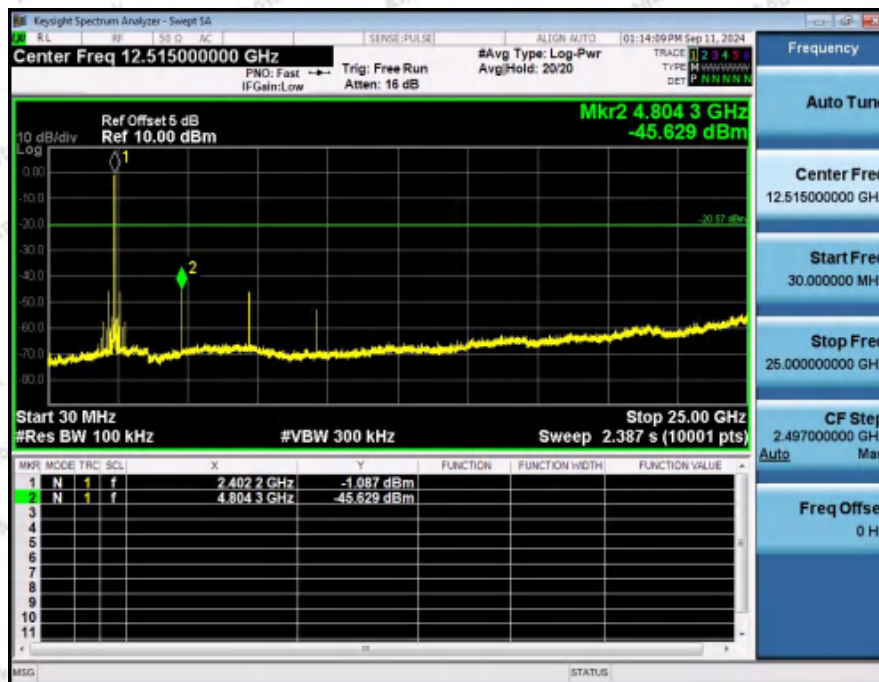
Appendix E: Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-45.629	-20.571	Pass
NVNT	ANT1	1-DH5	2441.00	-45.412	-21.028	Pass
NVNT	ANT1	1-DH5	2480.00	-45.018	-22.044	Pass
NVNT	ANT1	2-DH5	2402.00	-48.554	-20.374	Pass
NVNT	ANT1	2-DH5	2441.00	-46.755	-20.939	Pass
NVNT	ANT1	2-DH5	2480.00	-47.998	-21.937	Pass
NVNT	ANT1	3-DH5	2402.00	-46.911	-20.401	Pass
NVNT	ANT1	3-DH5	2441.00	-49.251	-21.035	Pass
NVNT	ANT1	3-DH5	2480.00	-48.880	-21.929	Pass

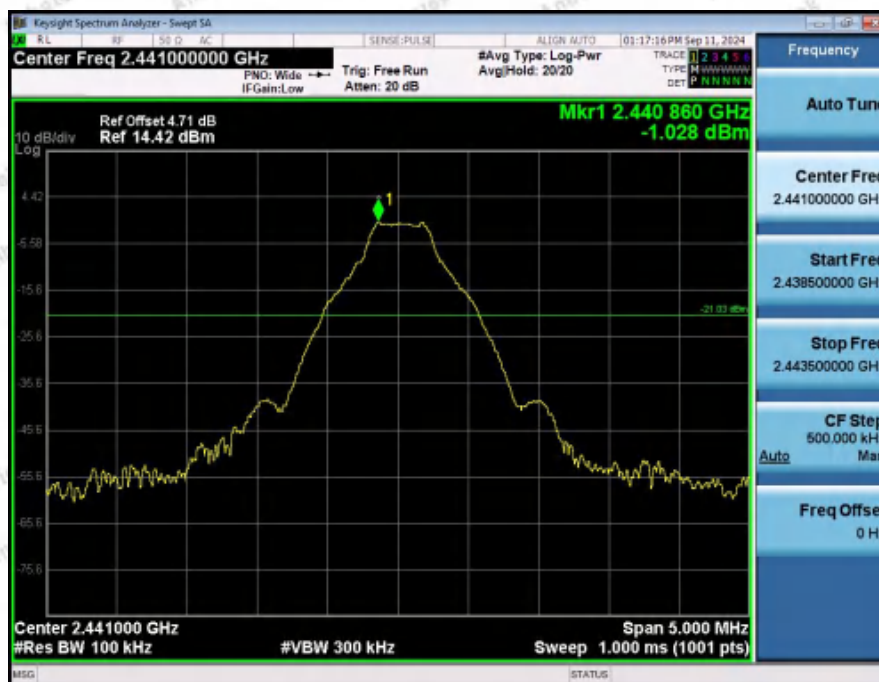
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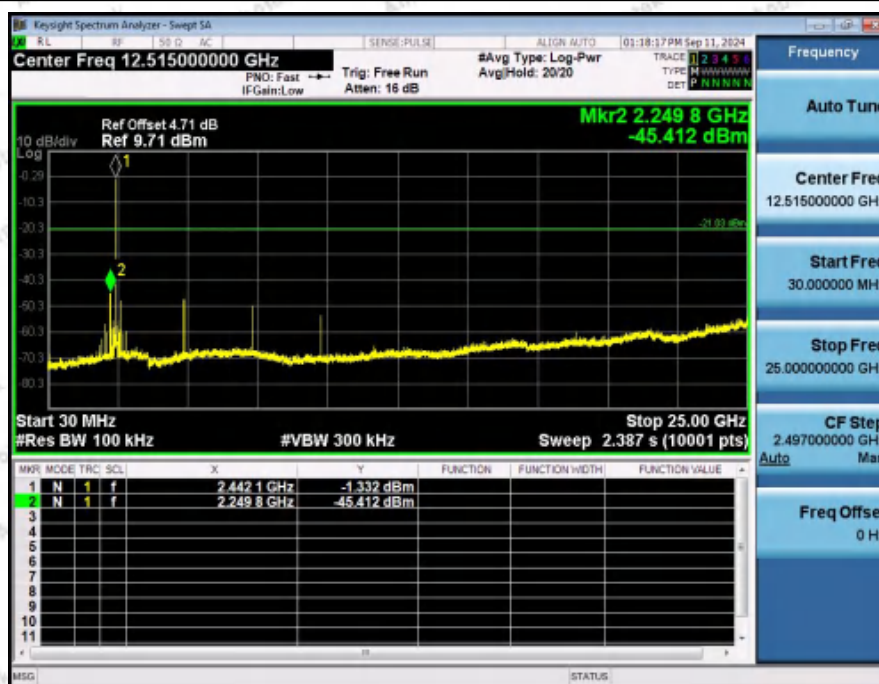
2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



1_Reference_Level_NVNT_ANT1_1-DH5_2441_00



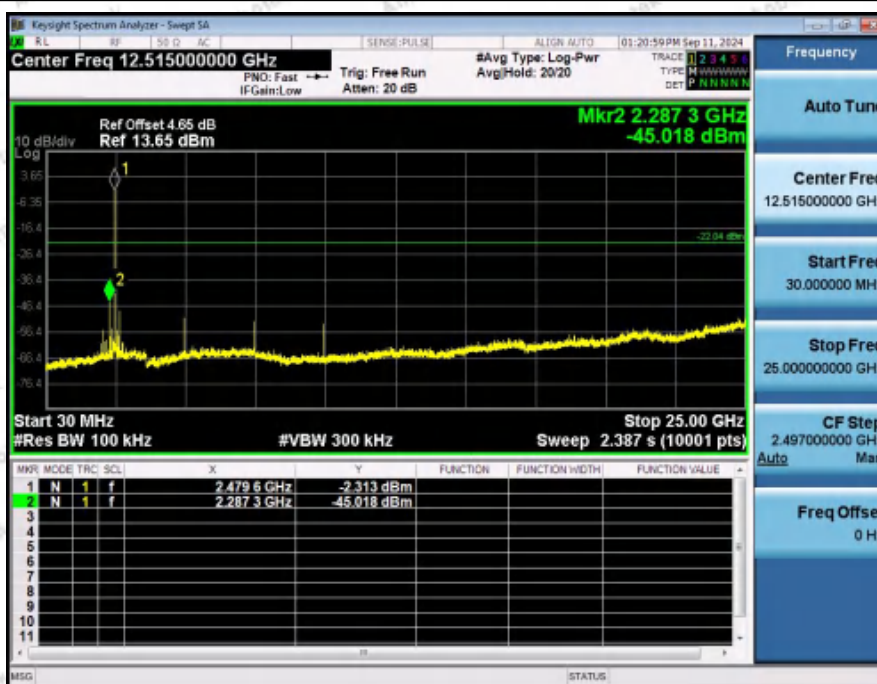
2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



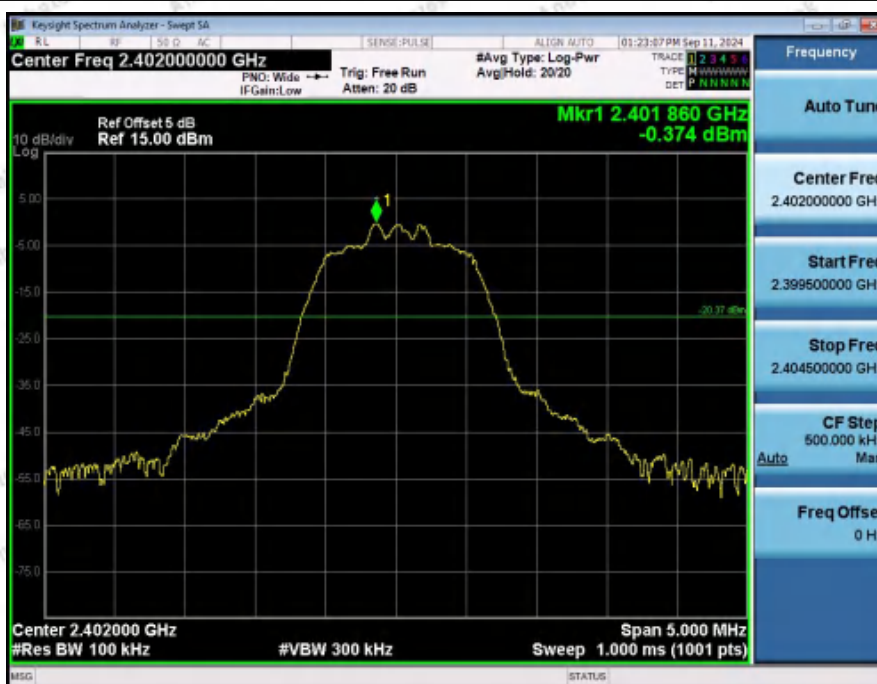
1_Reference_Level_NVNT_ANT1_1-DH5_2480_00



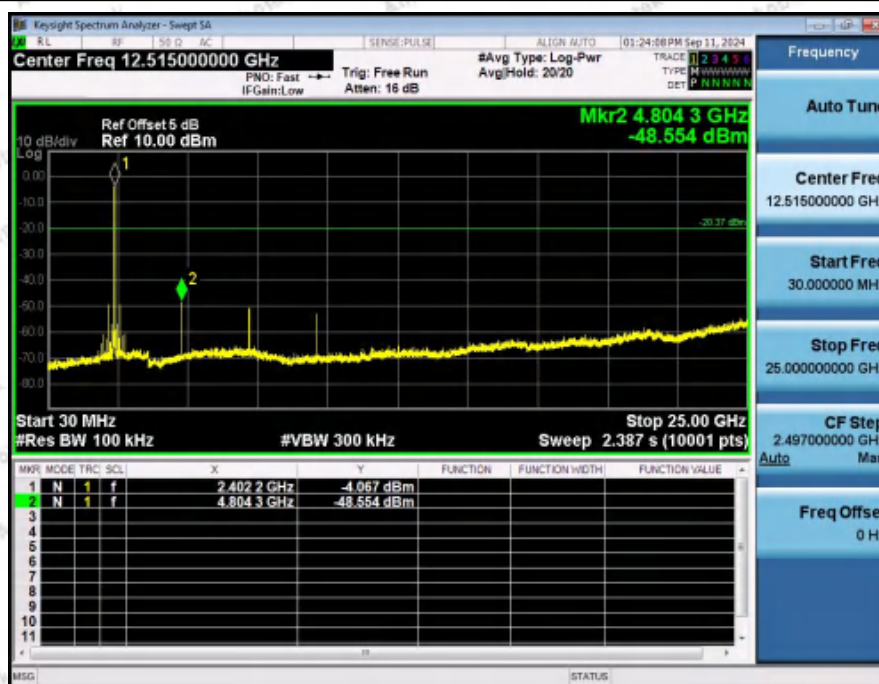
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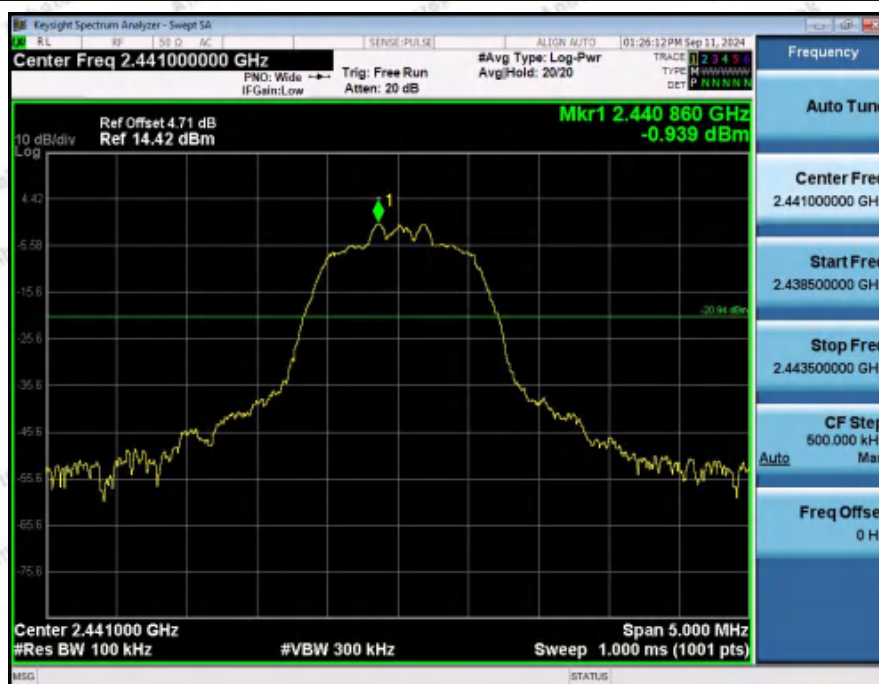
1_Reference_Level_NVNT_ANT1_2-DH5_2402_00



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



1_Reference_Level_NVNT_ANT1_2-DH5_2441_00



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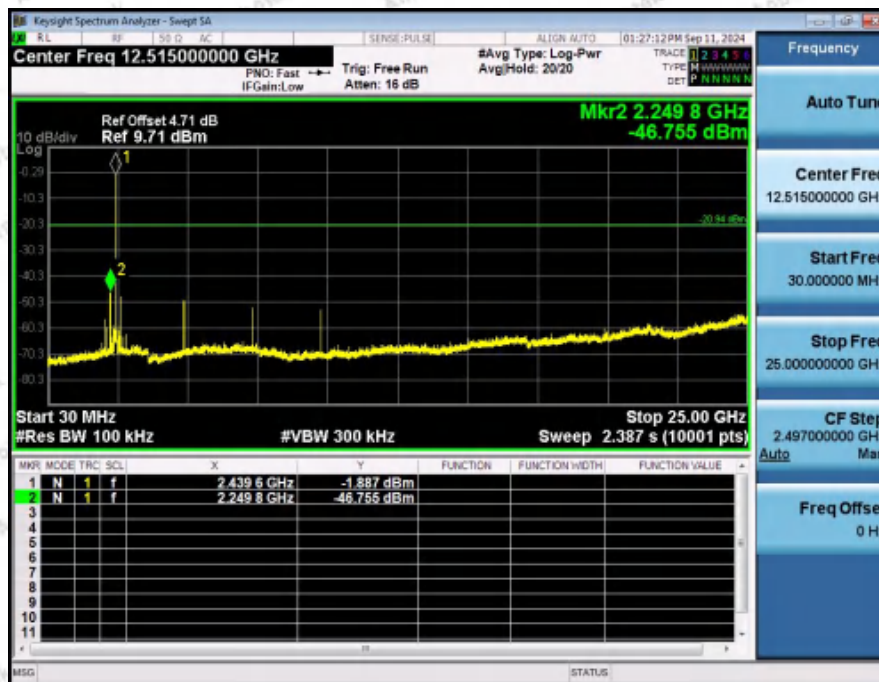
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
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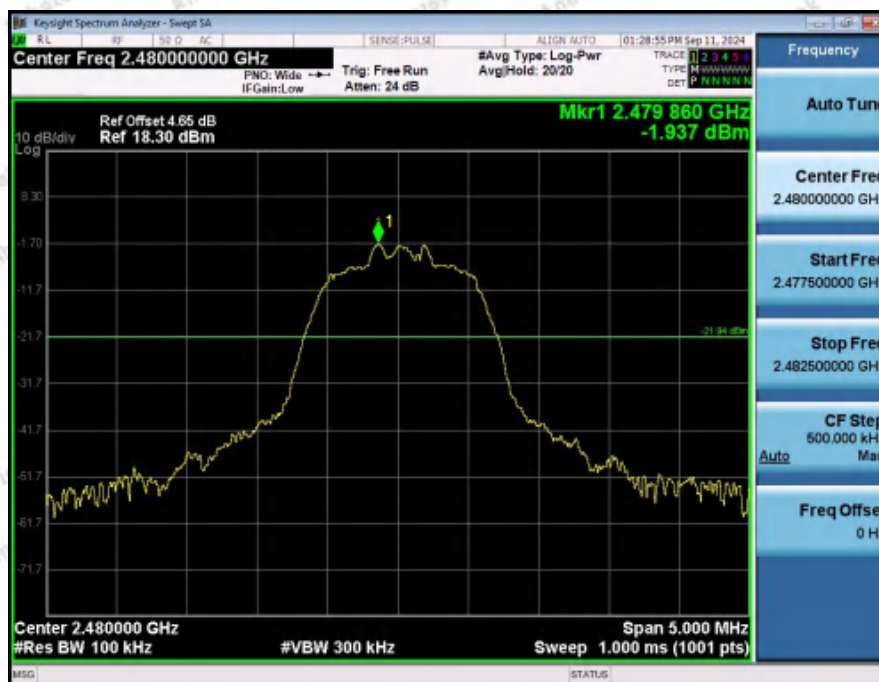
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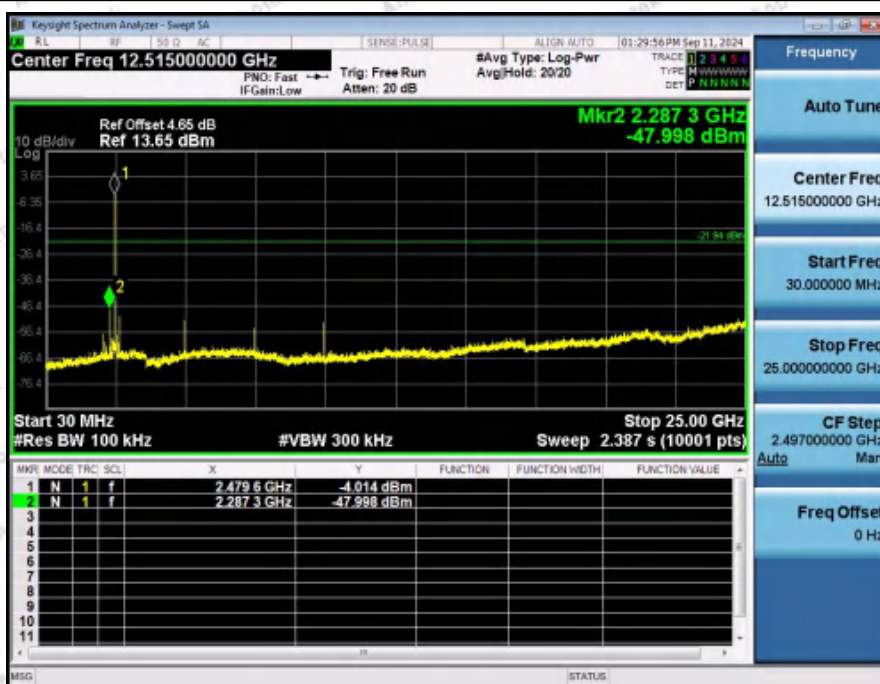
2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



1_Reference_Level_NVNT_ANT1_2-DH5_2480_00



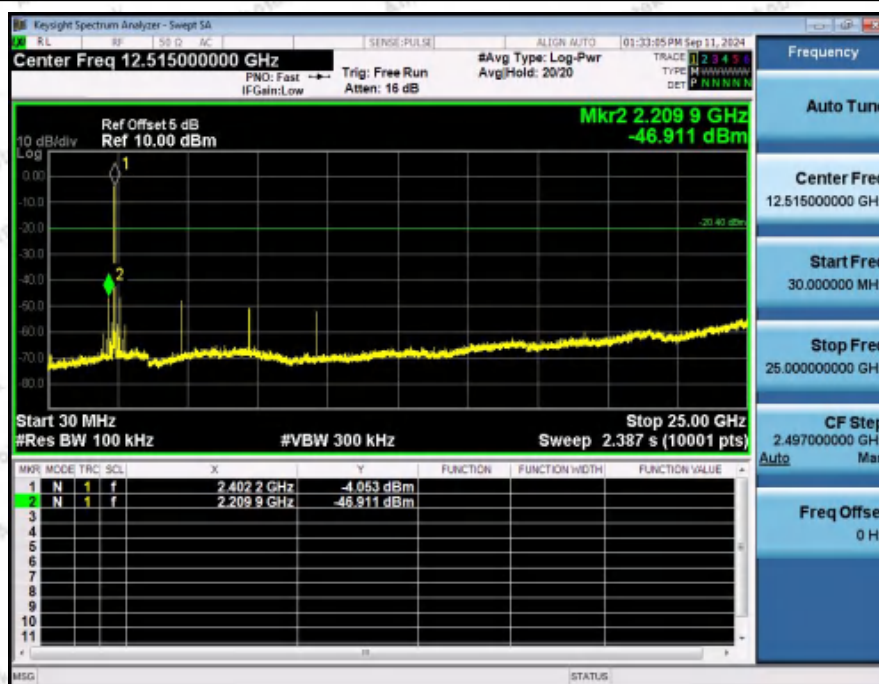
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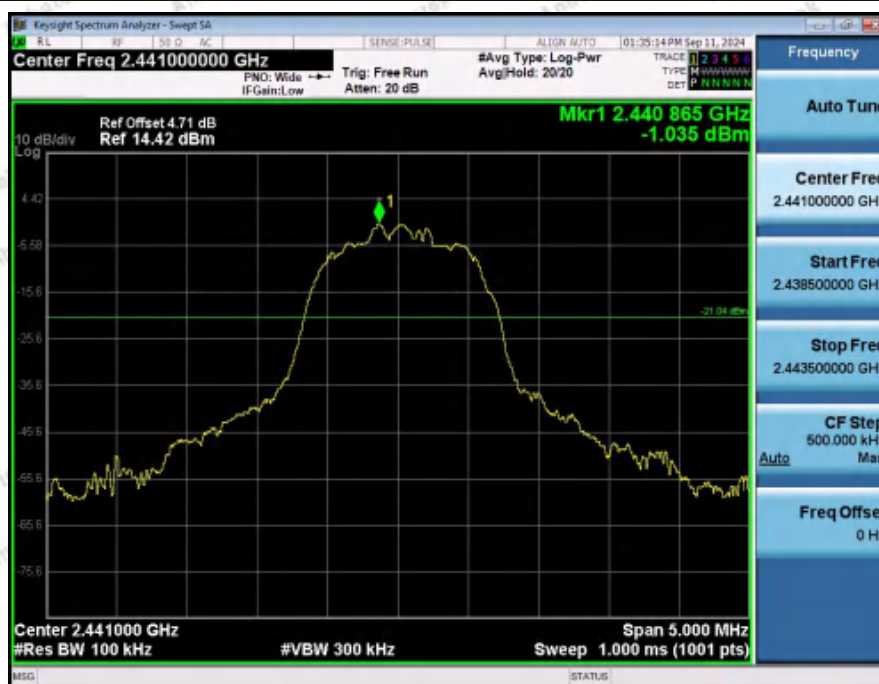
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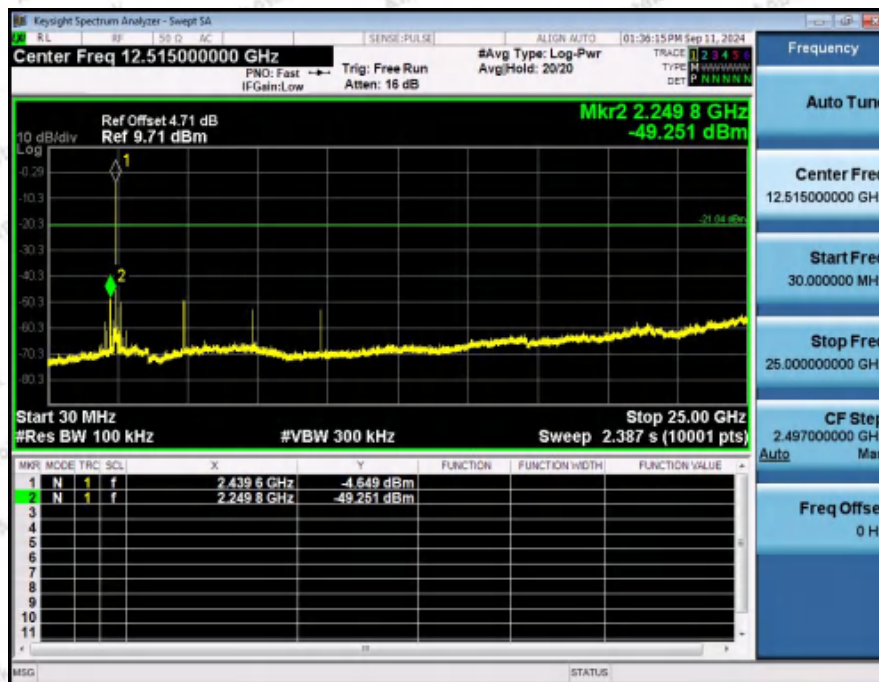
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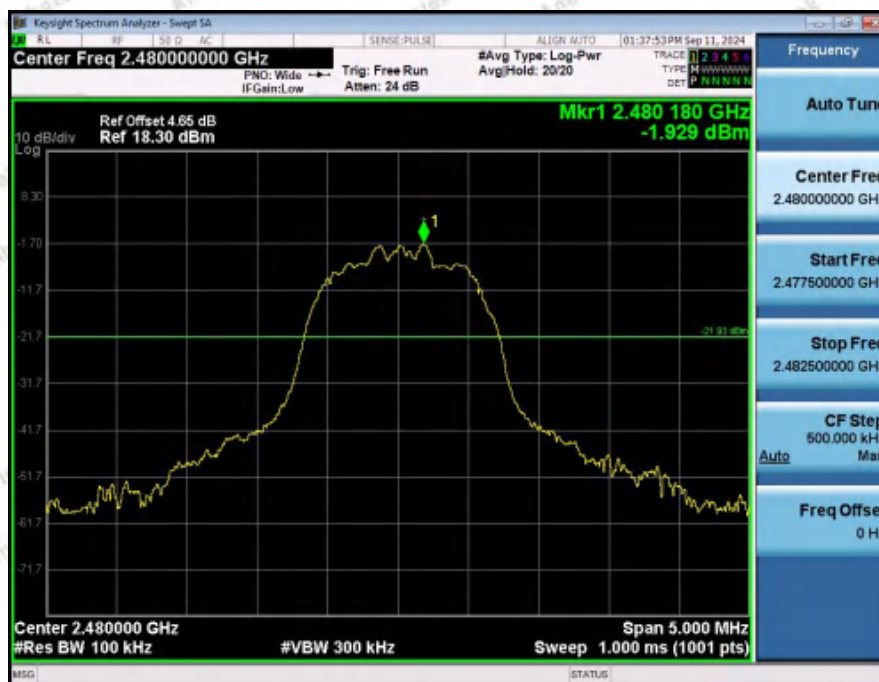
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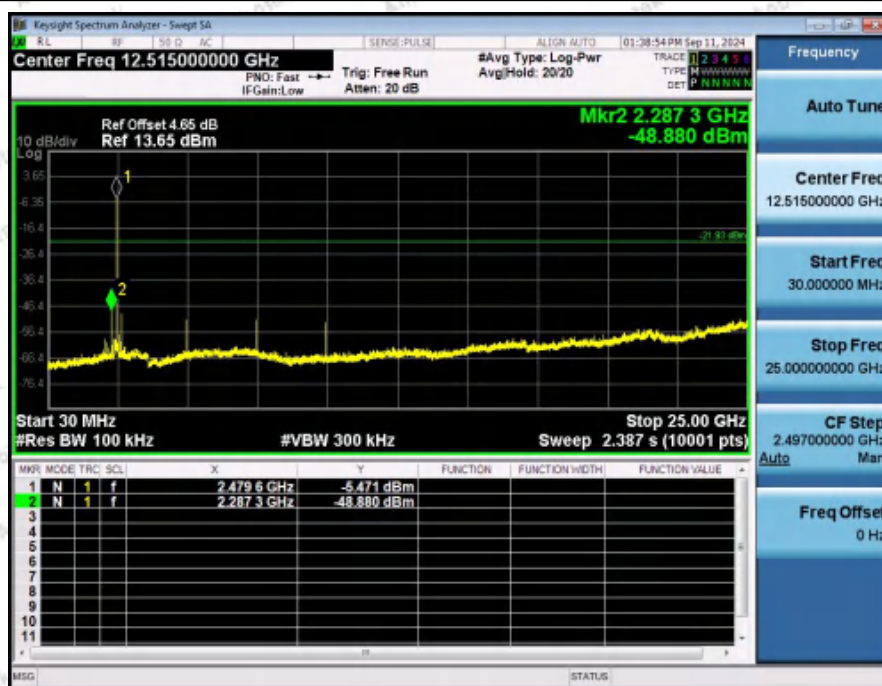
2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00



1_Reference_Level_NVNT_ANT1_3-DH5_2480_00



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480_00



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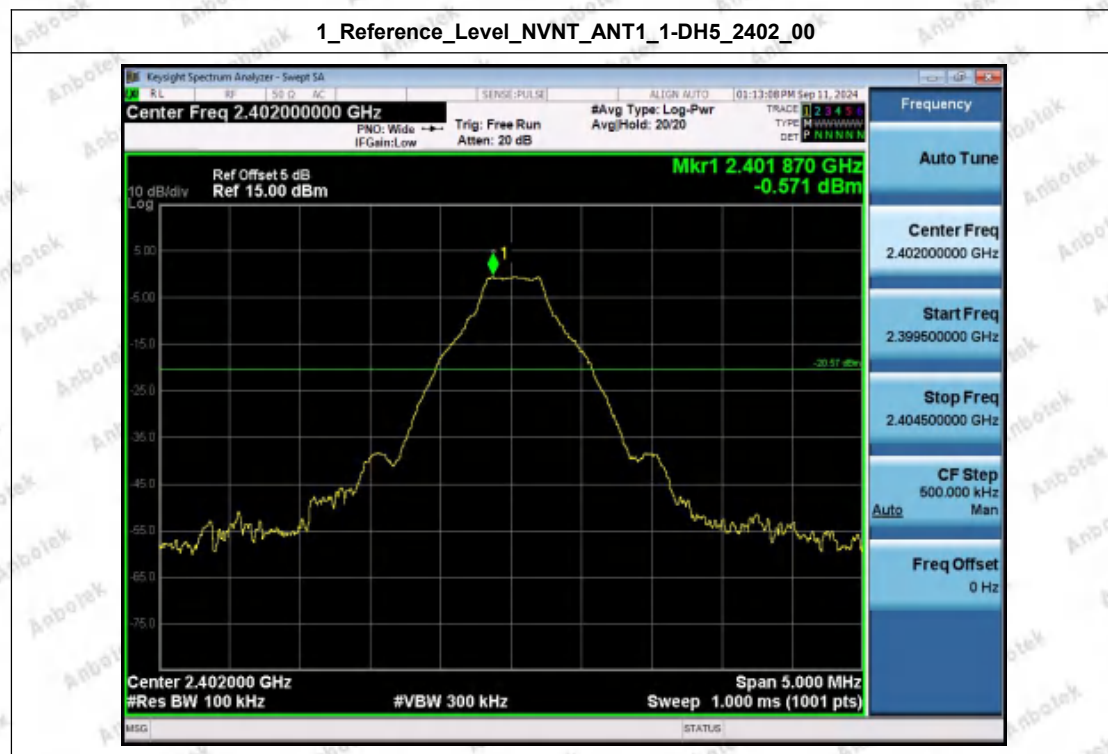
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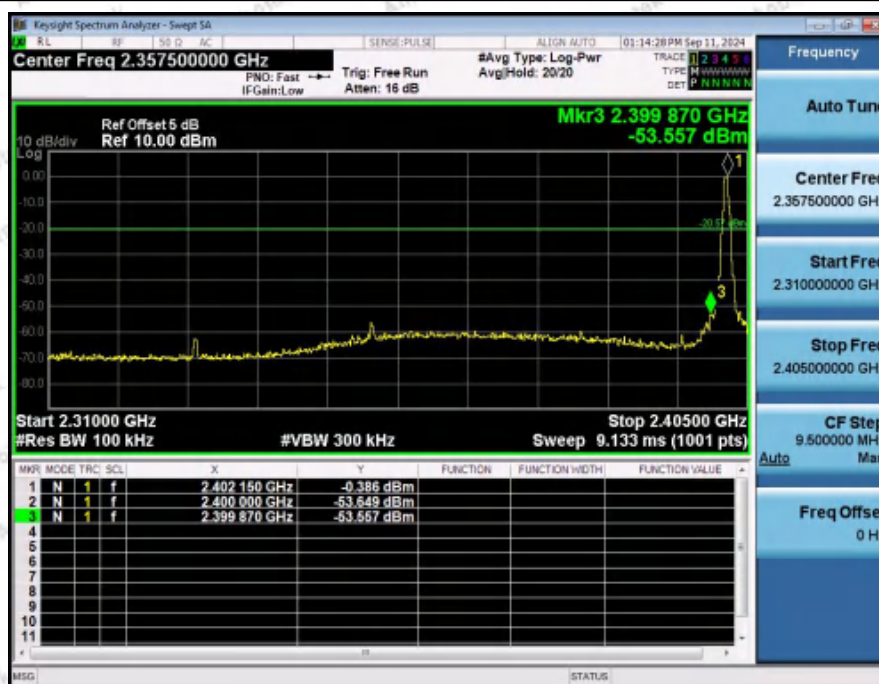
Appendix F: Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-53.557	-20.571	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-57.587	-20.403	Pass
NVNT	ANT1	1-DH5	2480.00	-61.463	-22.044	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-55.400	-20.569	Pass
NVNT	ANT1	2-DH5	2402.00	-50.891	-20.374	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-58.094	-20.372	Pass
NVNT	ANT1	2-DH5	2480.00	-59.724	-21.937	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-57.448	-20.689	Pass
NVNT	ANT1	3-DH5	2402.00	-50.099	-20.401	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-58.748	-20.348	Pass
NVNT	ANT1	3-DH5	2480.00	-61.519	-21.929	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-58.525	-20.932	Pass

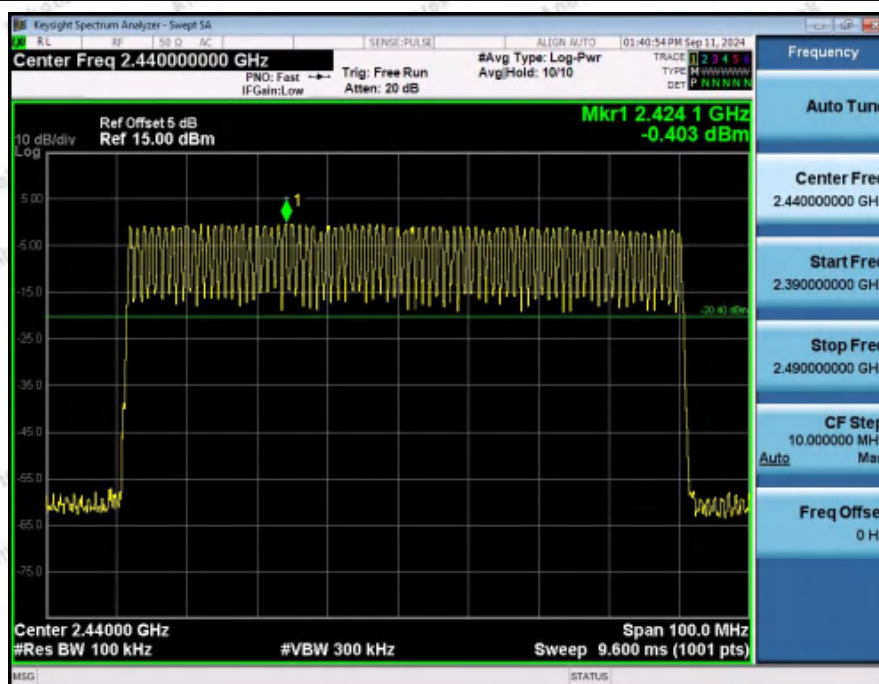
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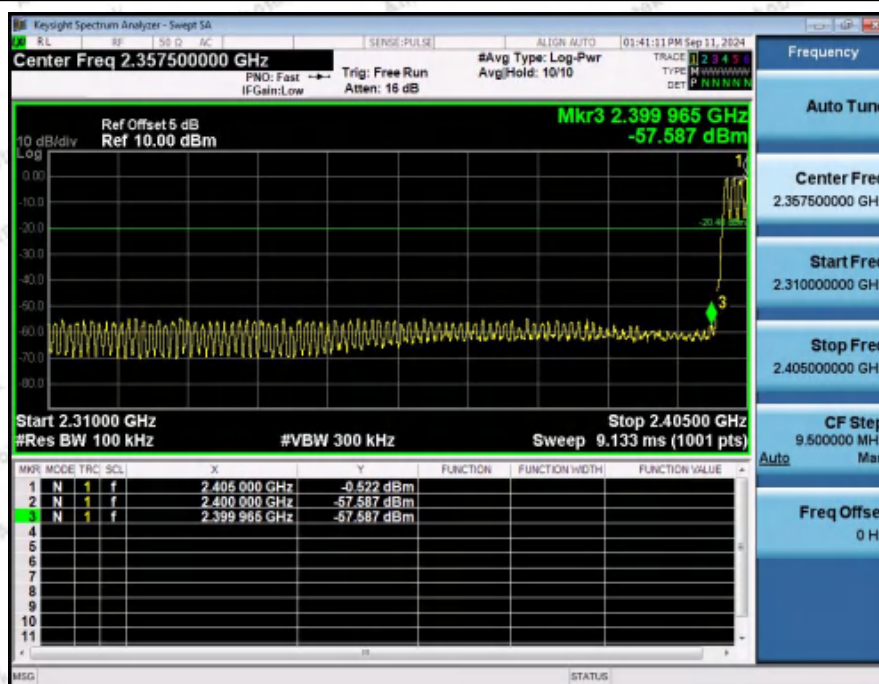
2_Bandedge_NVNT_ANT1_1-DH5_2402_00



1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



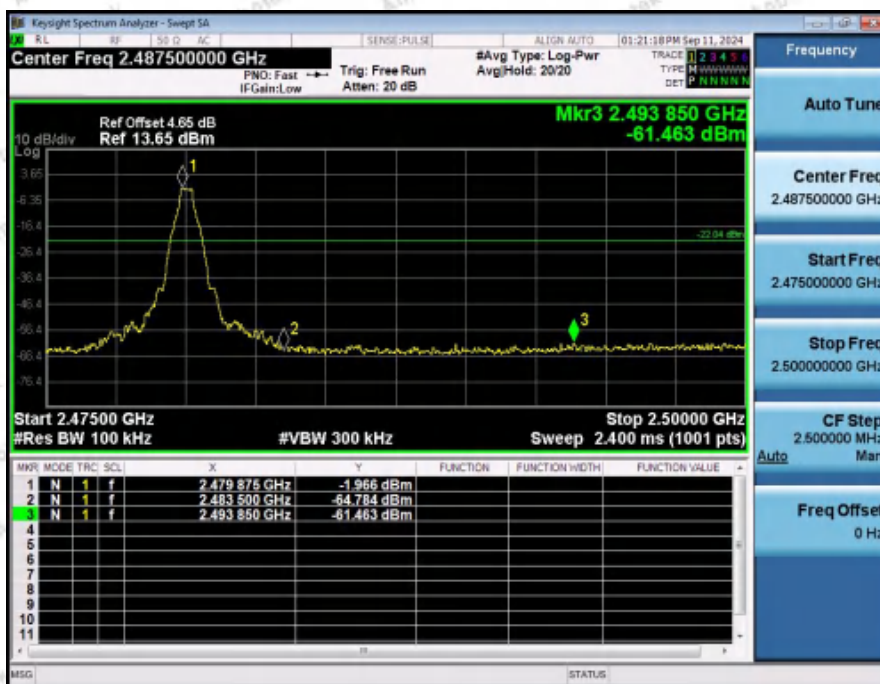
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



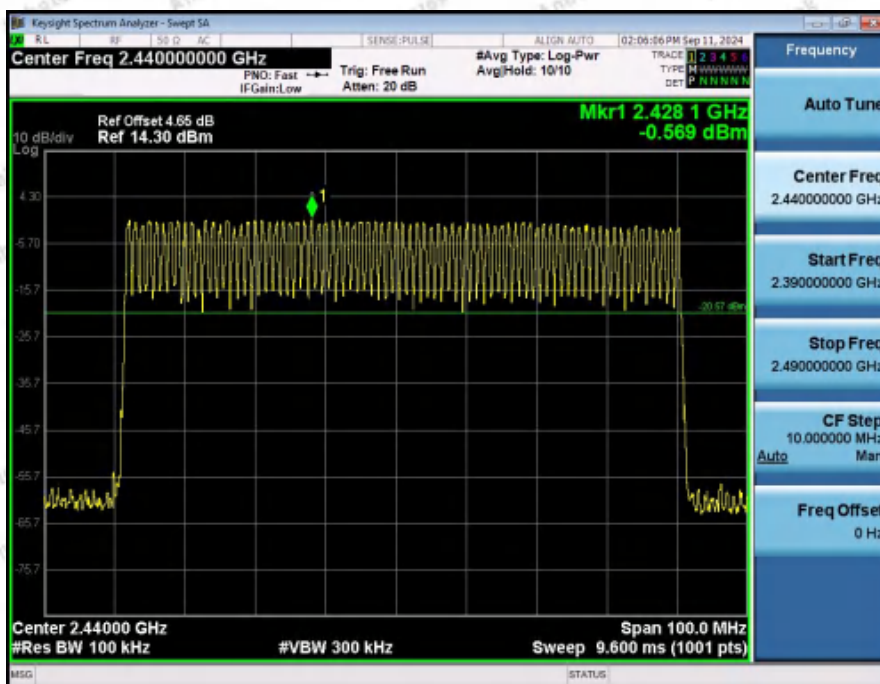
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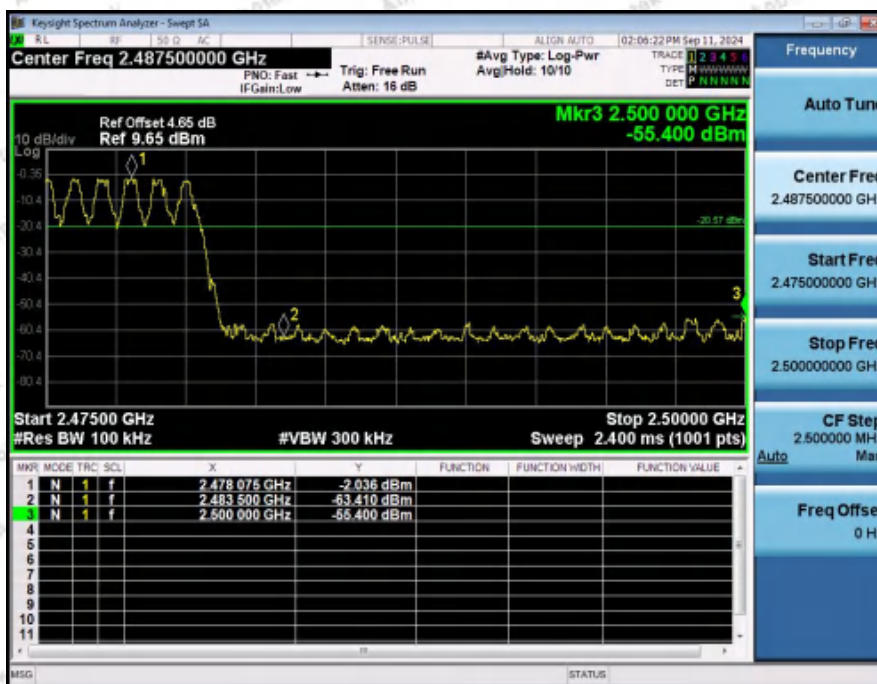
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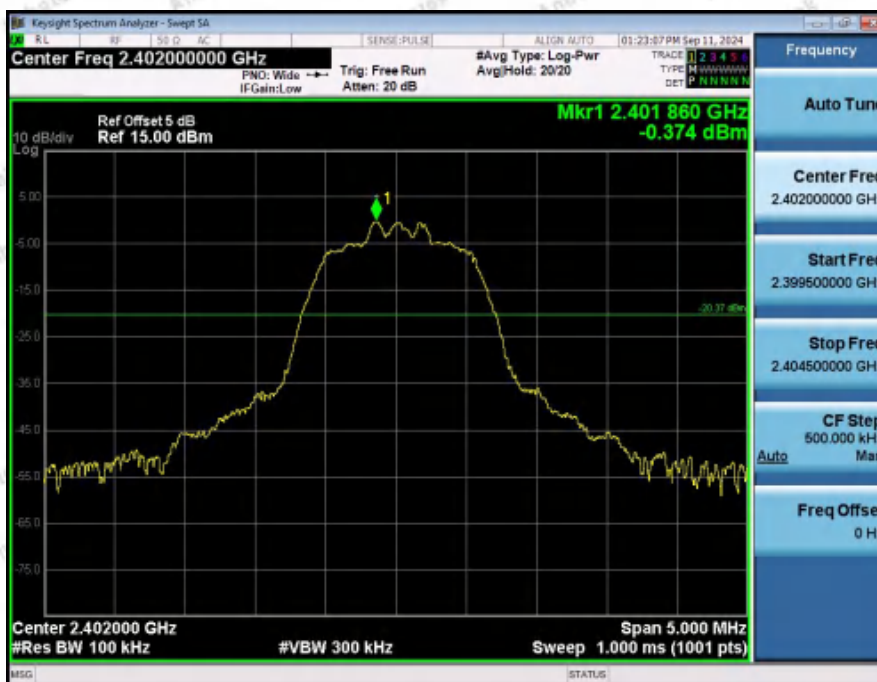
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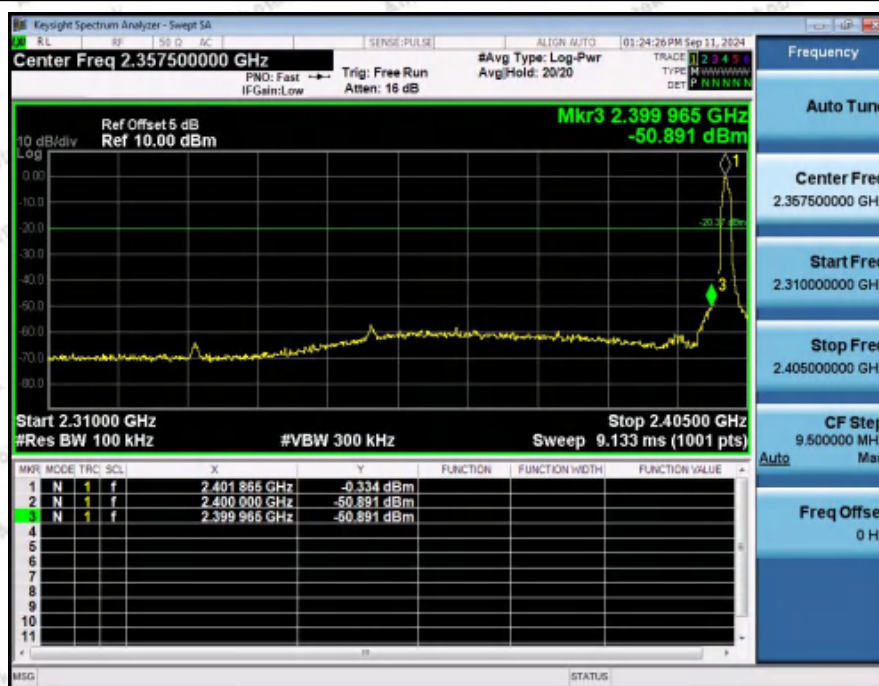
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



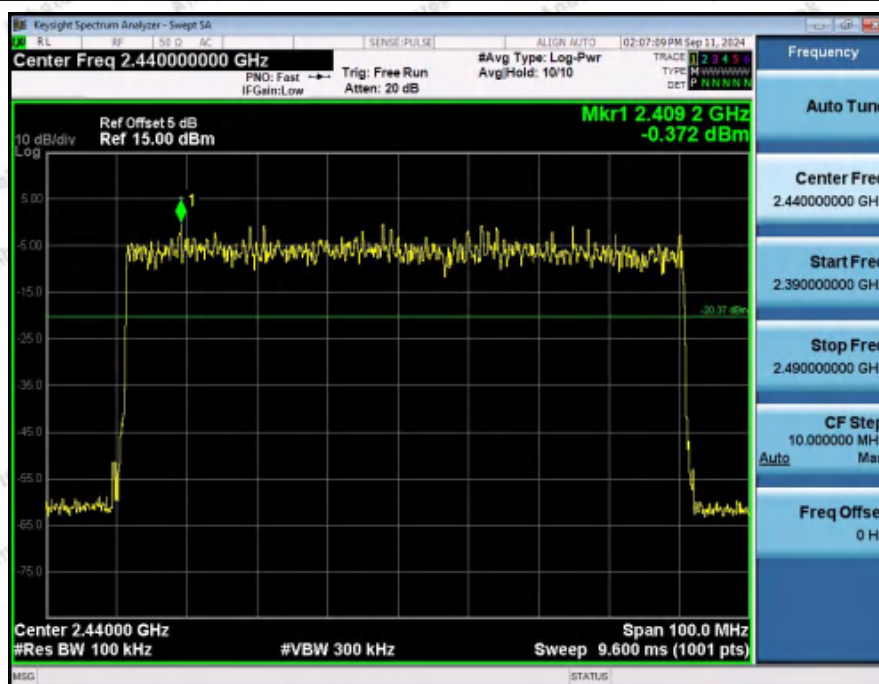
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2_Bandedge_NVNT_ANT1_2-DH5_2402_00



1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



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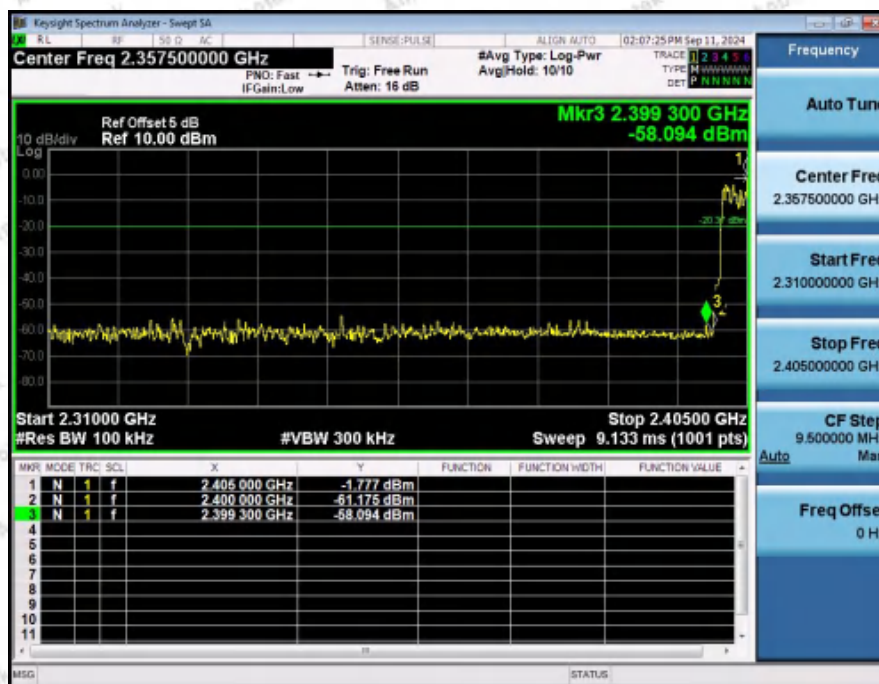
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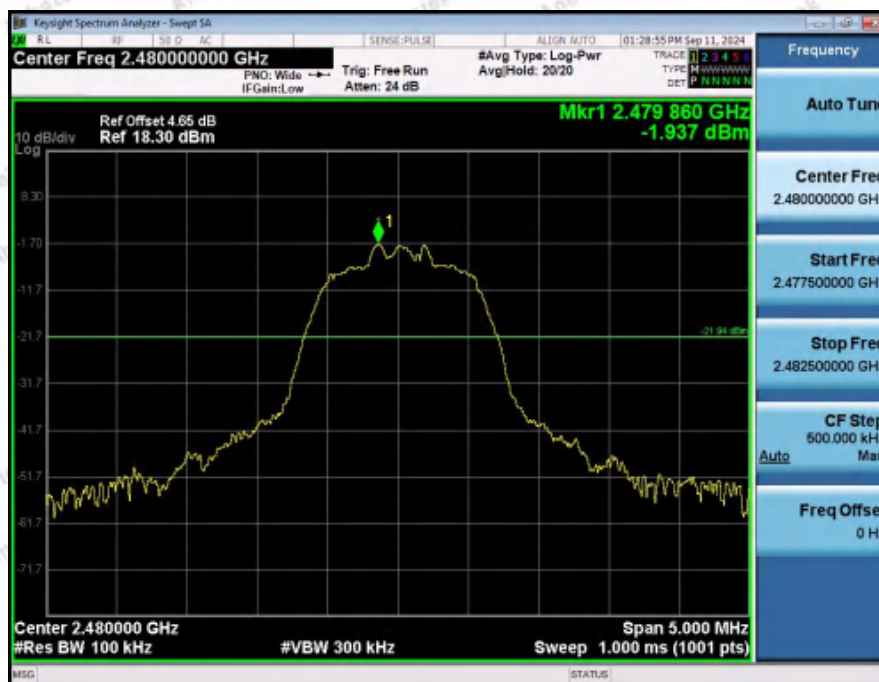
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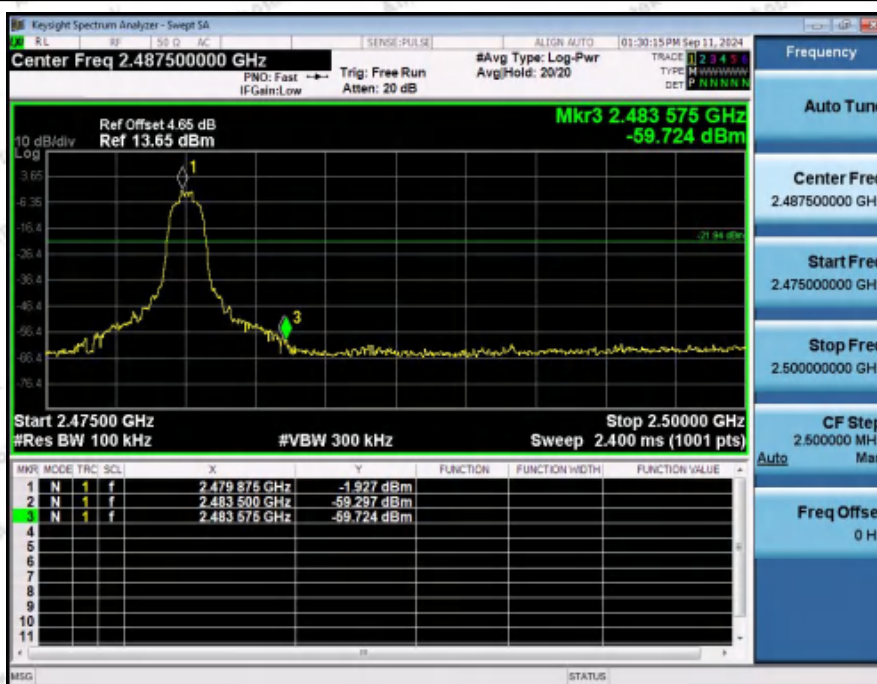
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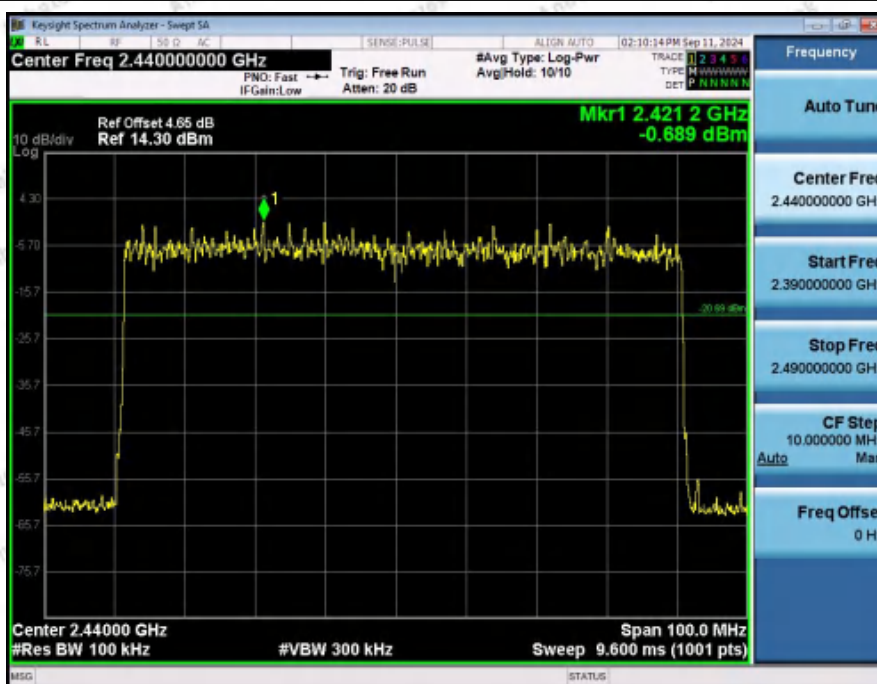
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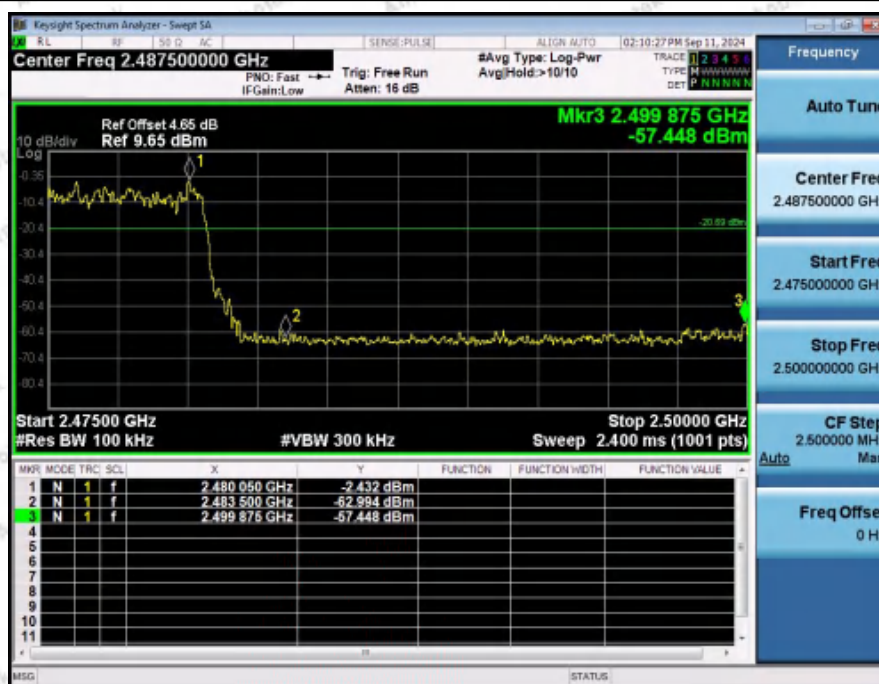
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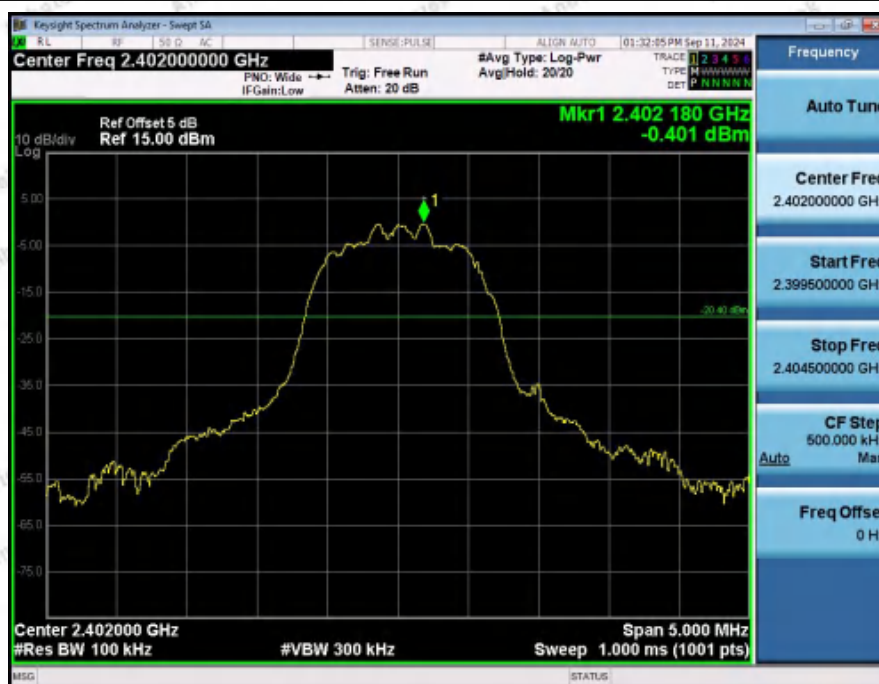
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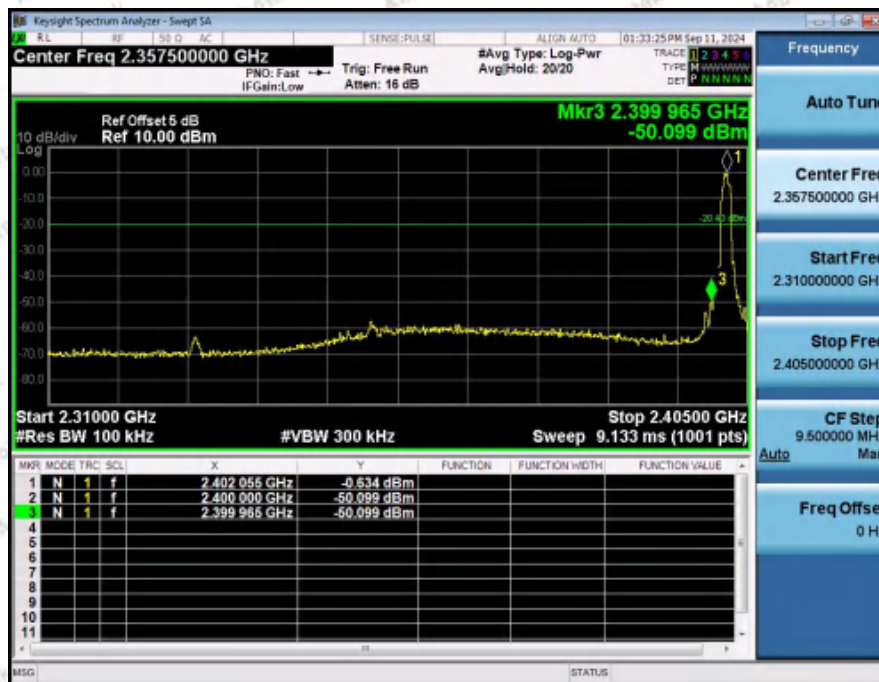
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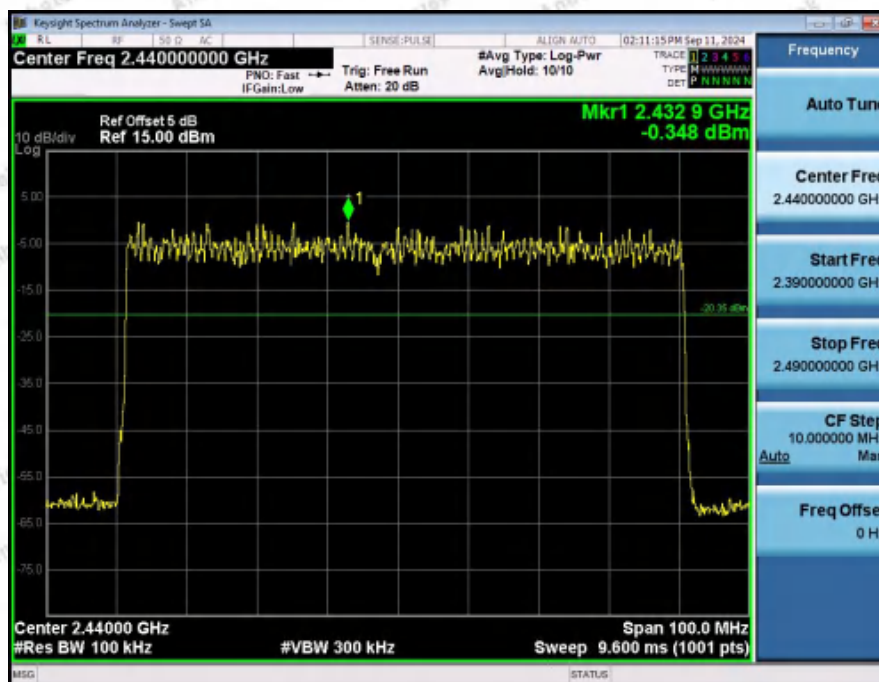
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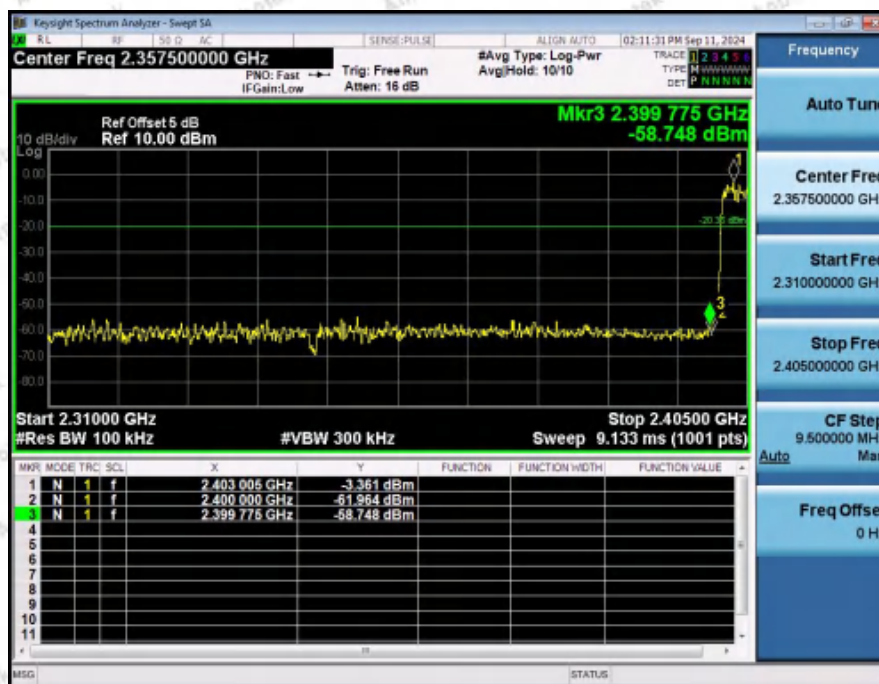
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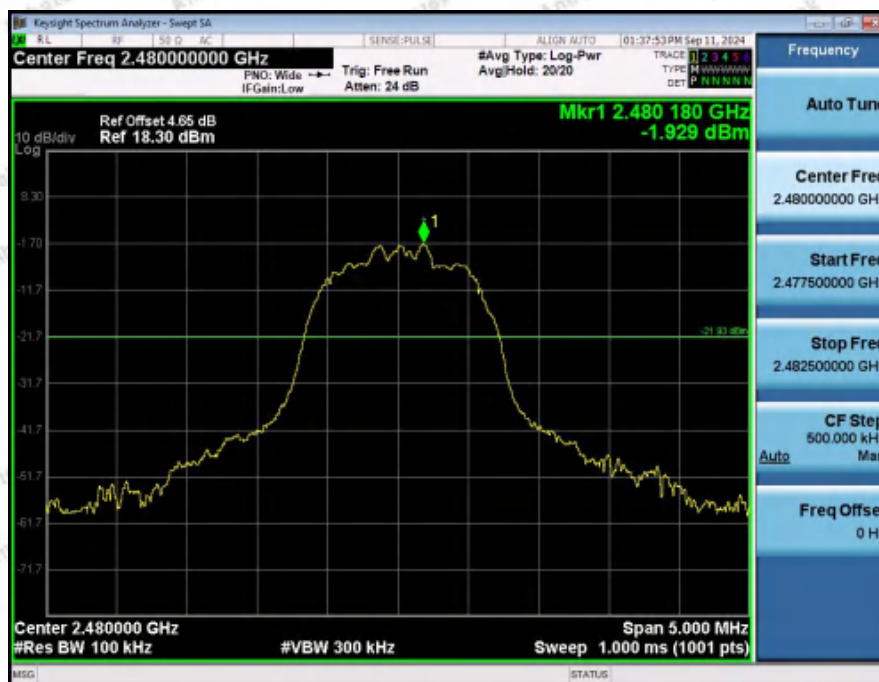
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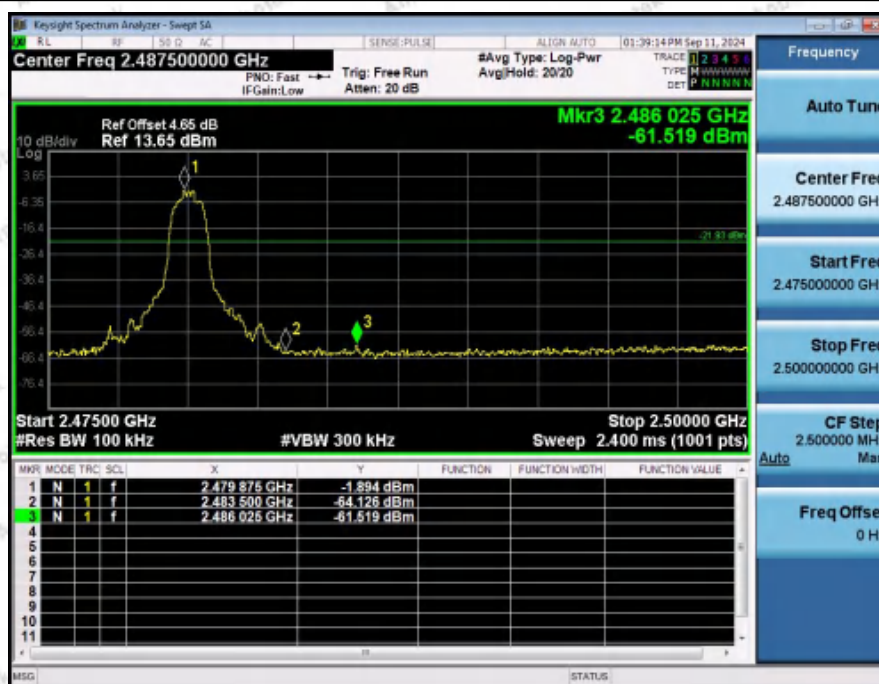
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



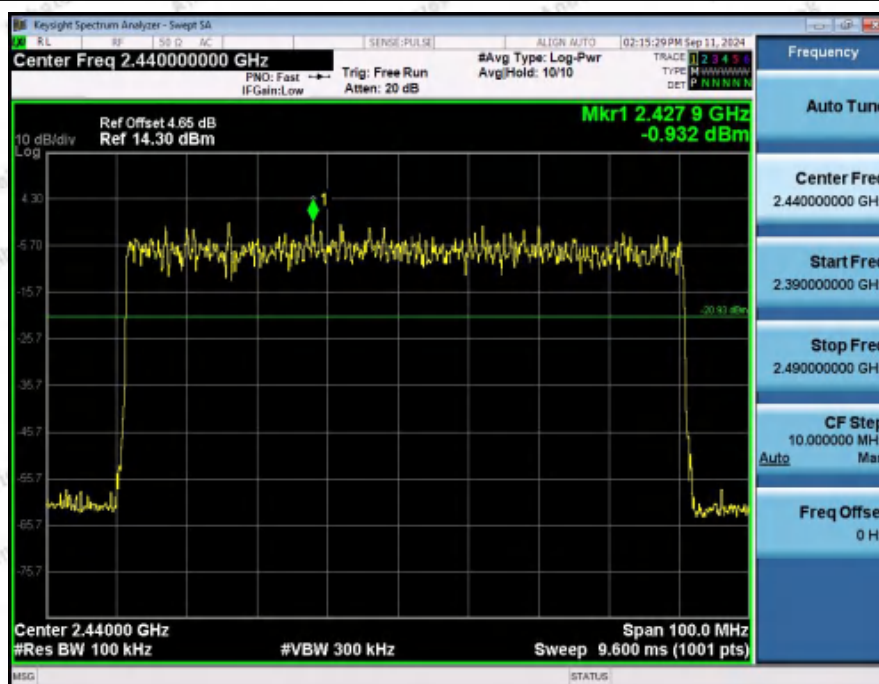
1_Reference_Level_NVNT_ANT1_3-DH5_2480_00



2_Bandedge_NVNT_ANT1_3-DH5_2480_00



1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



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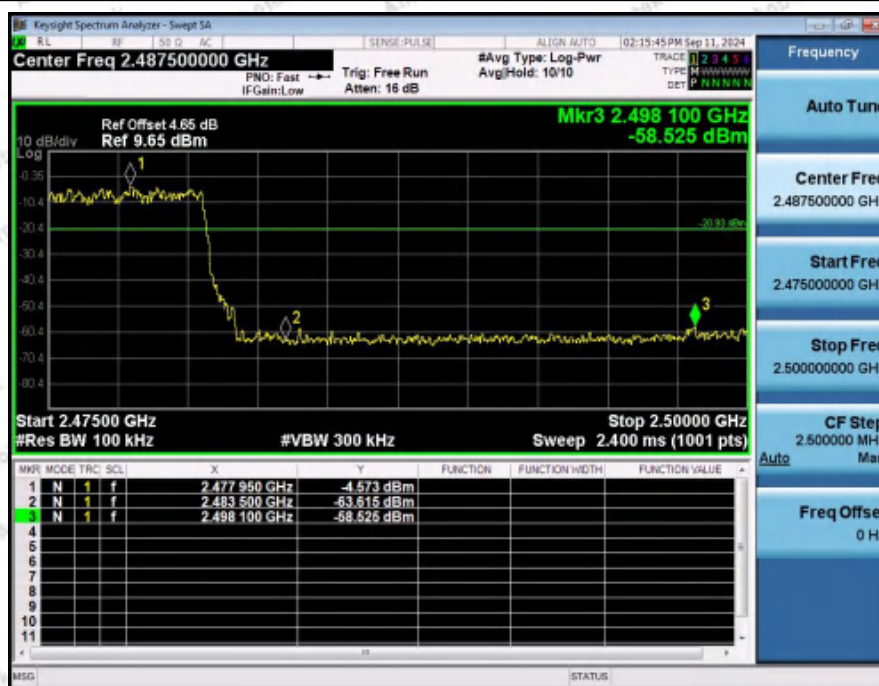
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2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



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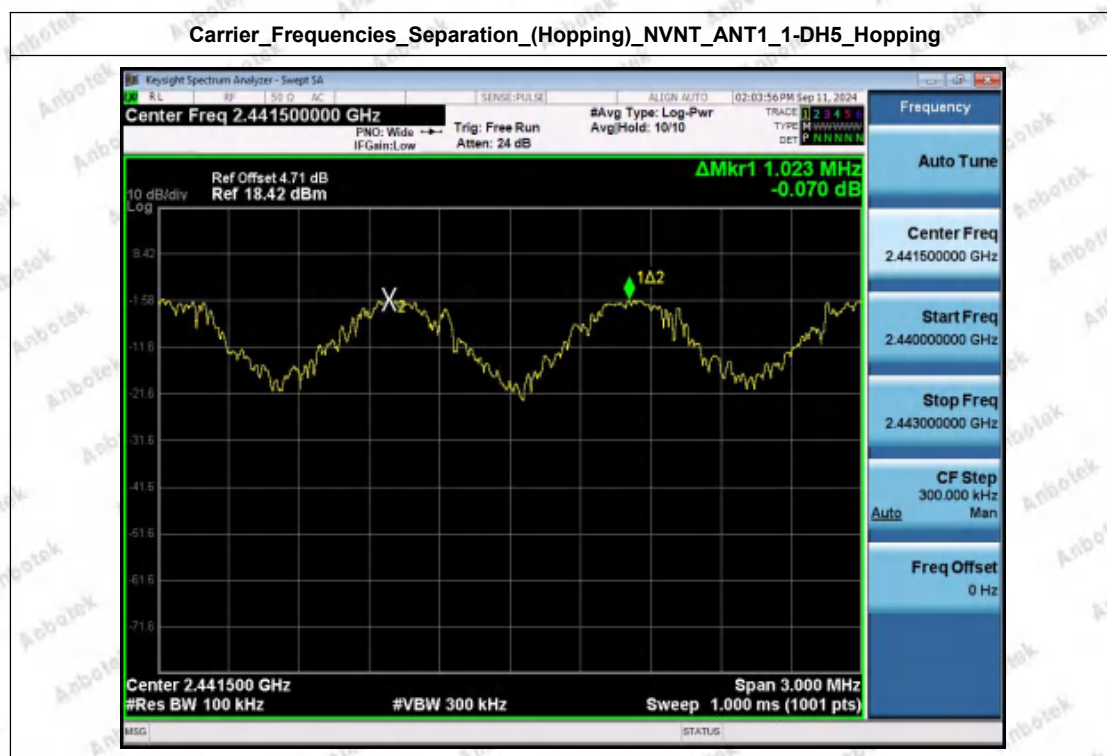


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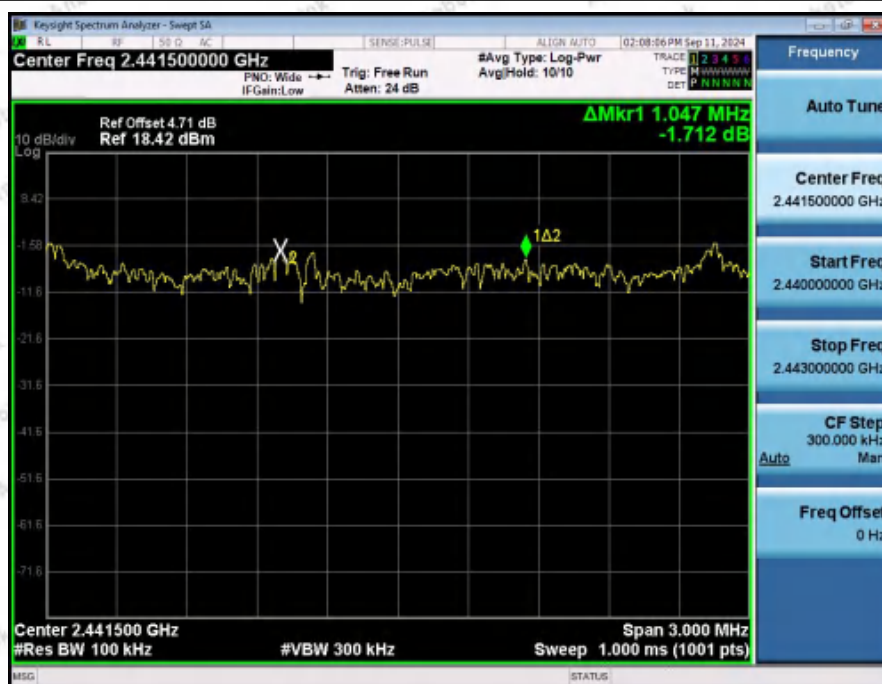


Appendix G: Carrier Frequencies Separation (Hopping)

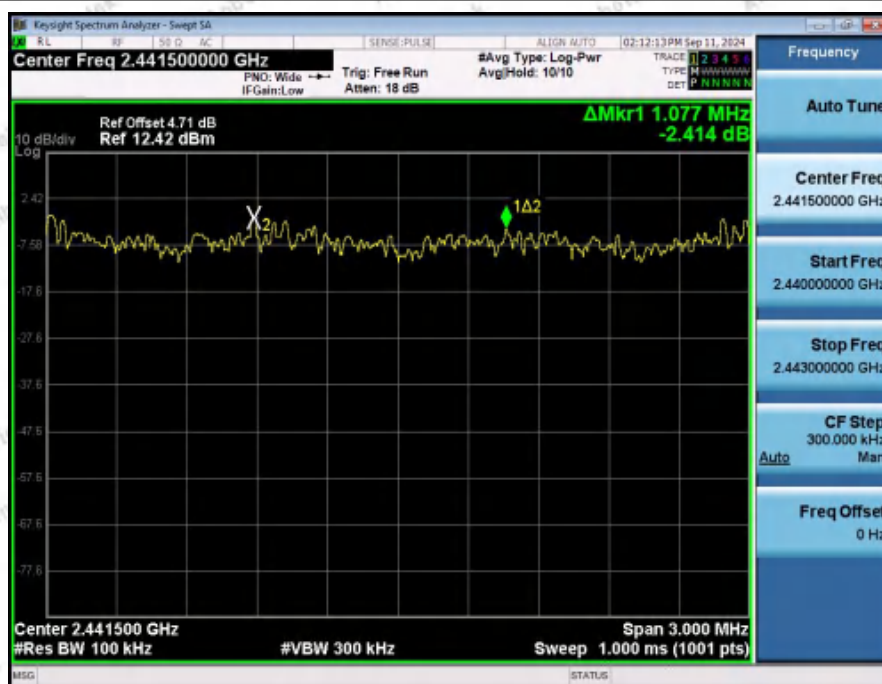
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH5	2441.00	2440.984	2442.007	1.02	0.685	Pass
NVNT	ANT1	2-DH5	2441.00	2440.999	2442.046	1.05	0.877	Pass
NVNT	ANT1	3-DH5	2441.00	2440.885	2441.962	1.08	0.869	Pass



Carrier Frequencies Separation (Hopping) NVNT ANT1 2-DH5 Hopping



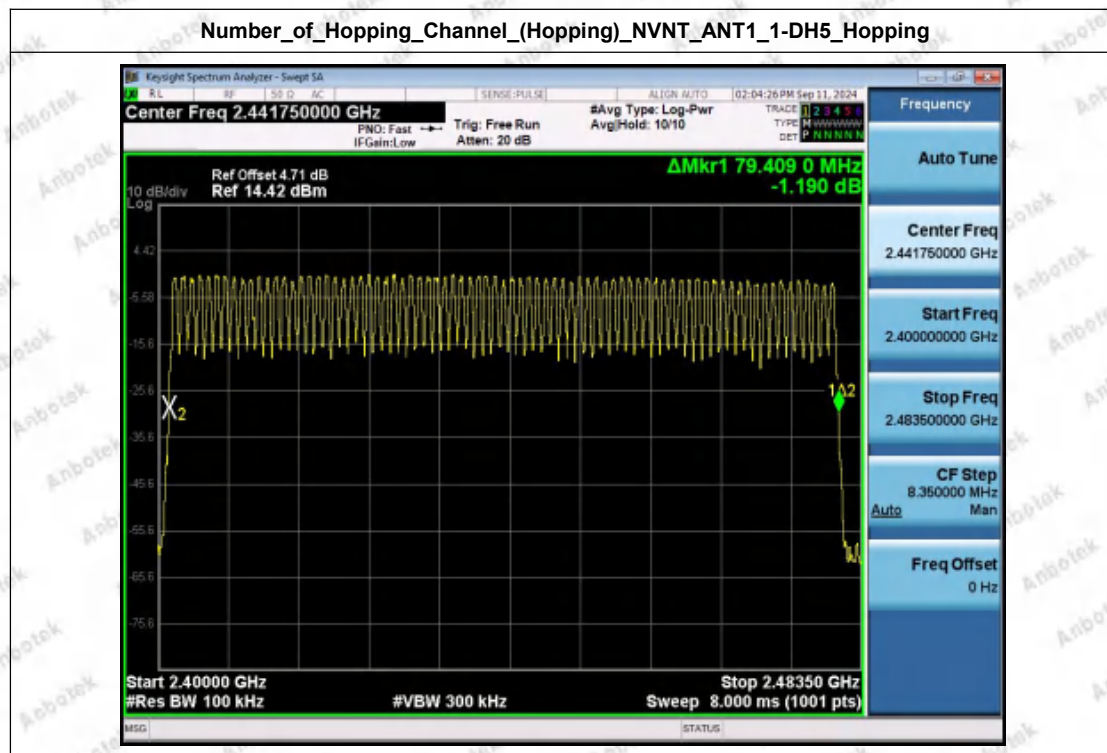
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH5_Hopping



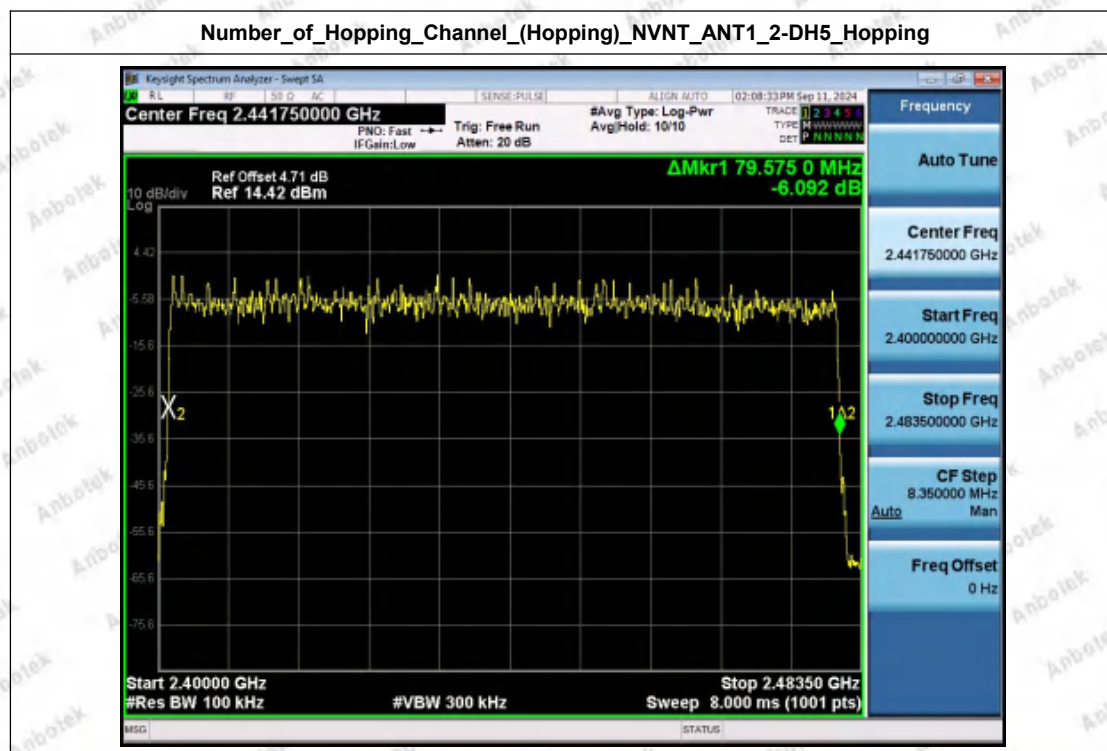
Appendix H: Number of Hopping Channel (Hopping)

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

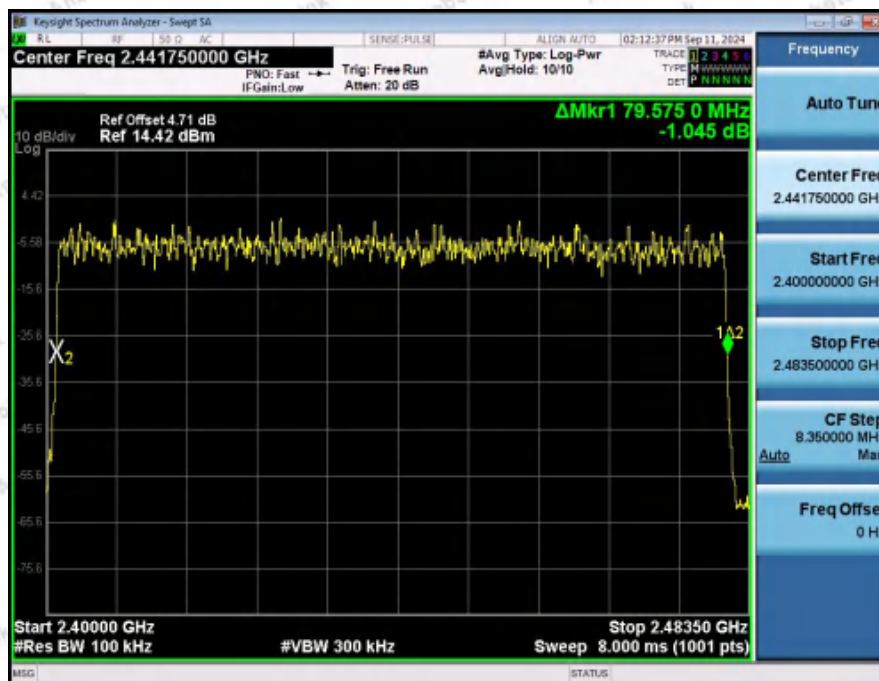
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_1-DH5_Hopping



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-DH5_Hopping



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH5_Hopping



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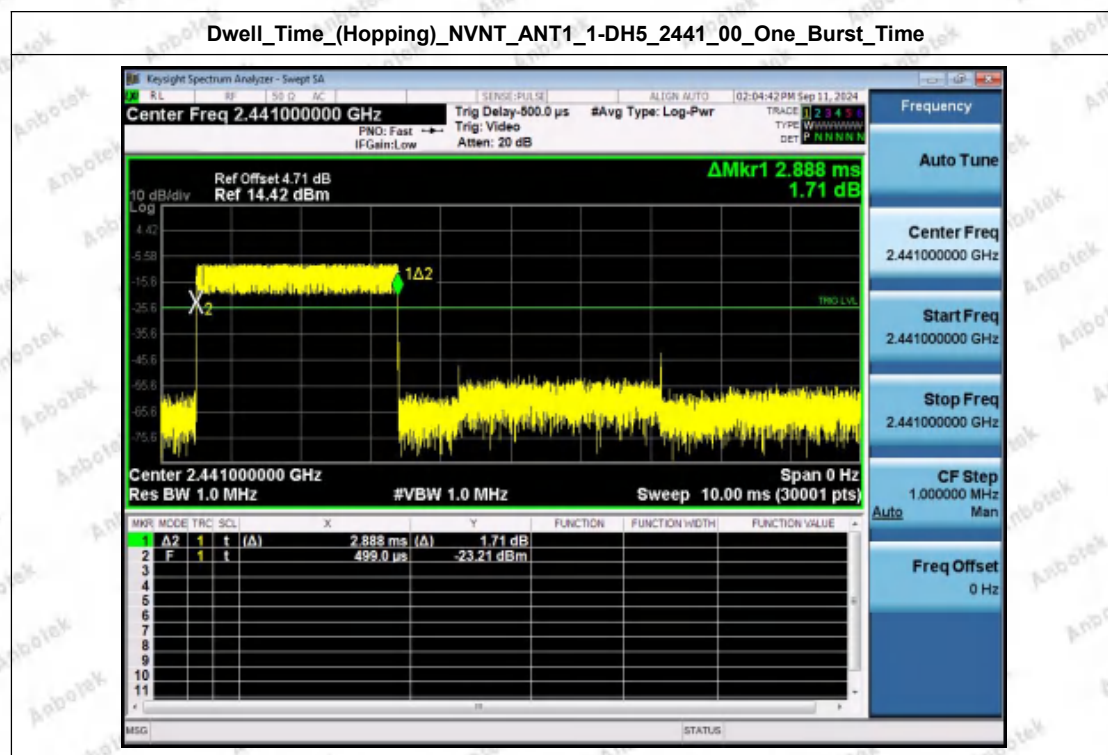
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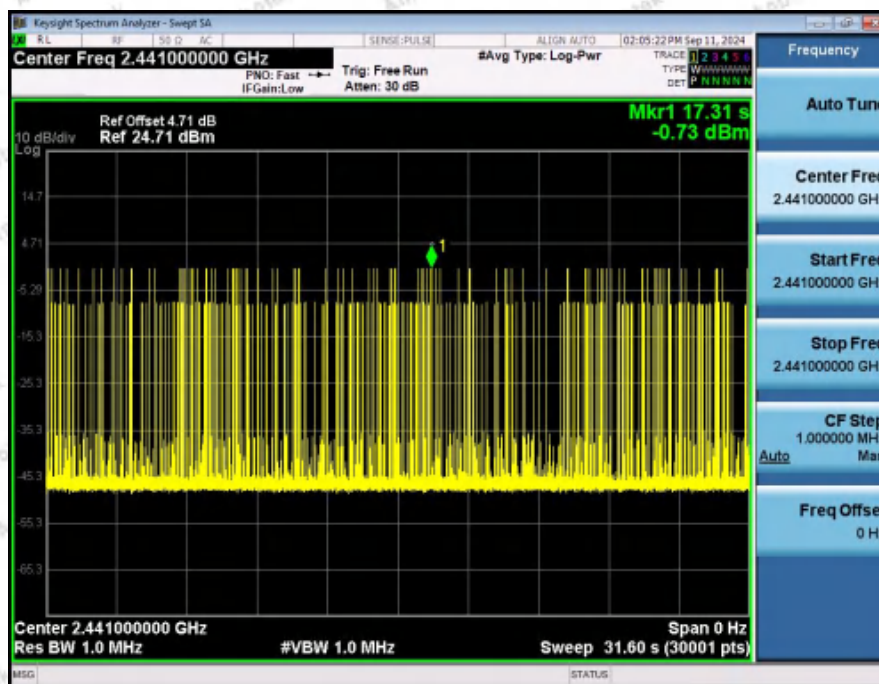
Appendix I:Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.888	96.00	277.248	0.40	Pass
NVNT	ANT1	2-DH5	2.893	100.00	289.300	0.40	Pass
NVNT	ANT1	3-DH5	2.895	97.00	280.815	0.40	Pass
NVNT	ANT1	1-DH1	0.383	321.00	122.943	0.40	Pass
NVNT	ANT1	1-DH3	1.640	155.00	254.200	0.40	Pass
NVNT	ANT1	2-DH1	0.393	319.00	125.367	0.40	Pass
NVNT	ANT1	2-DH3	1.645	158.00	259.910	0.40	Pass
NVNT	ANT1	3-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	3-DH3	1.644	164.00	269.616	0.40	Pass

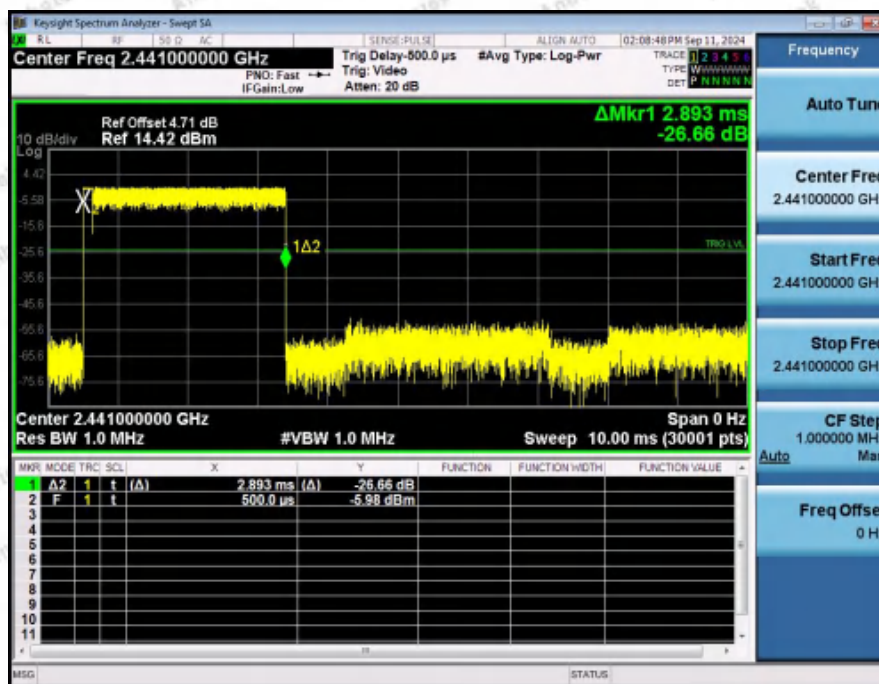
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_One_Burst_Time



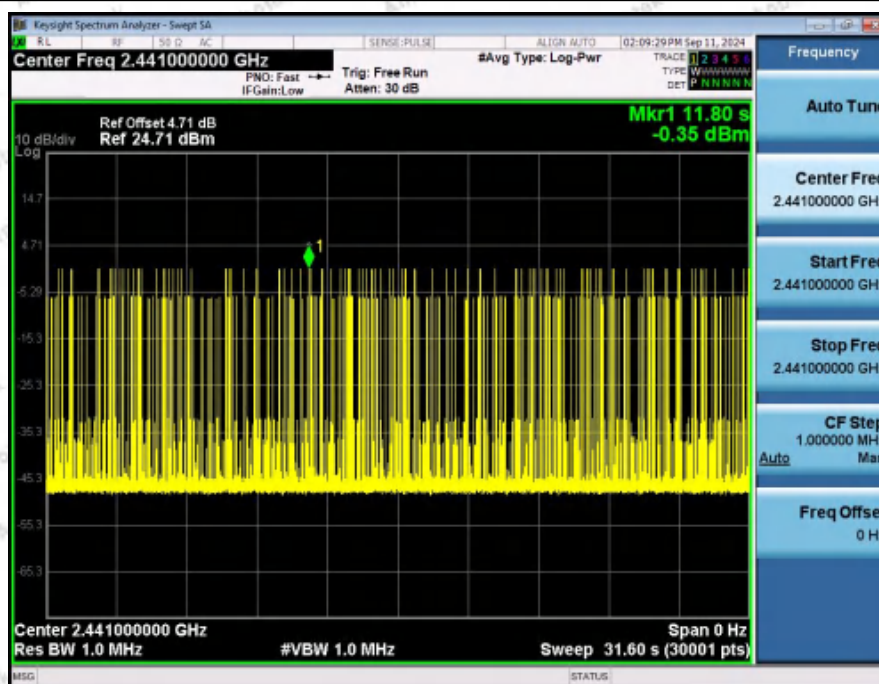
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_Accumulated



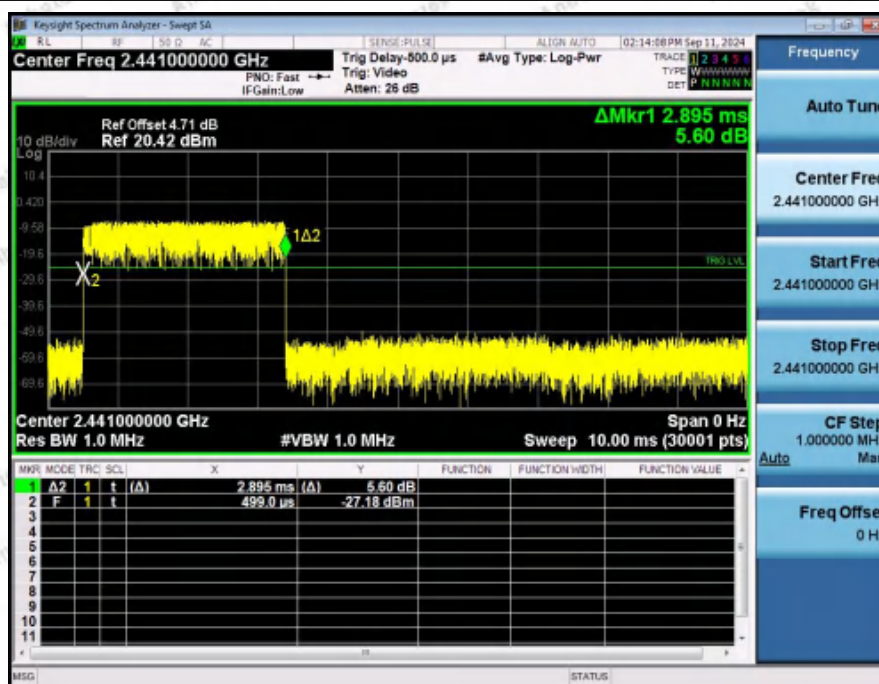
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time



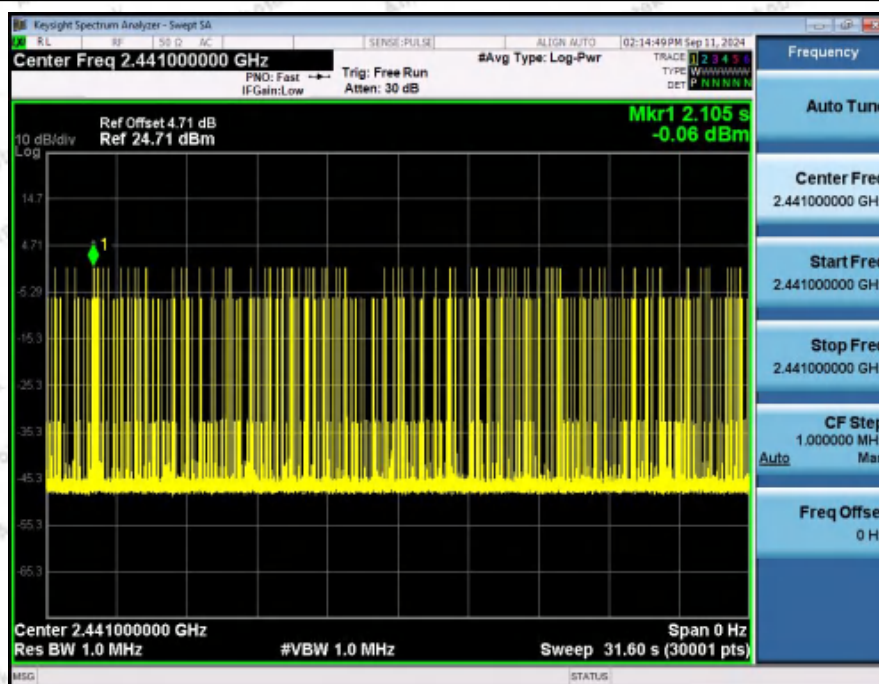
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



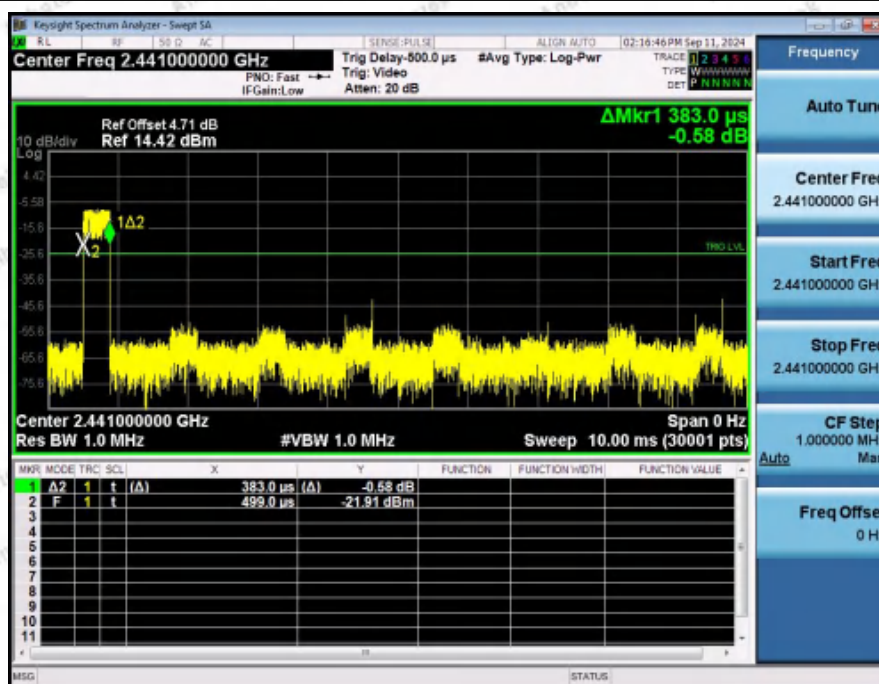
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_One_Burst_Time



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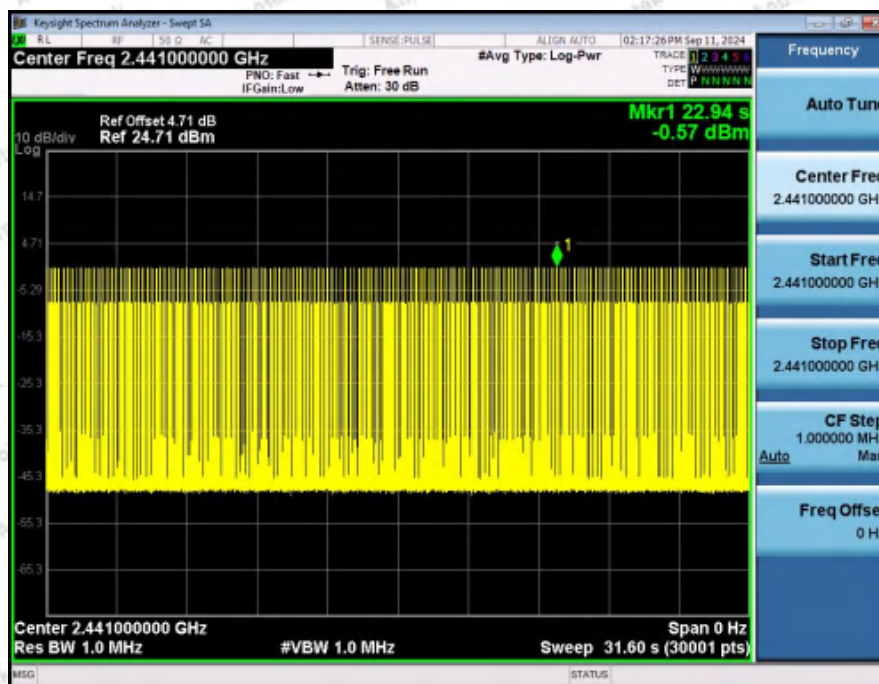
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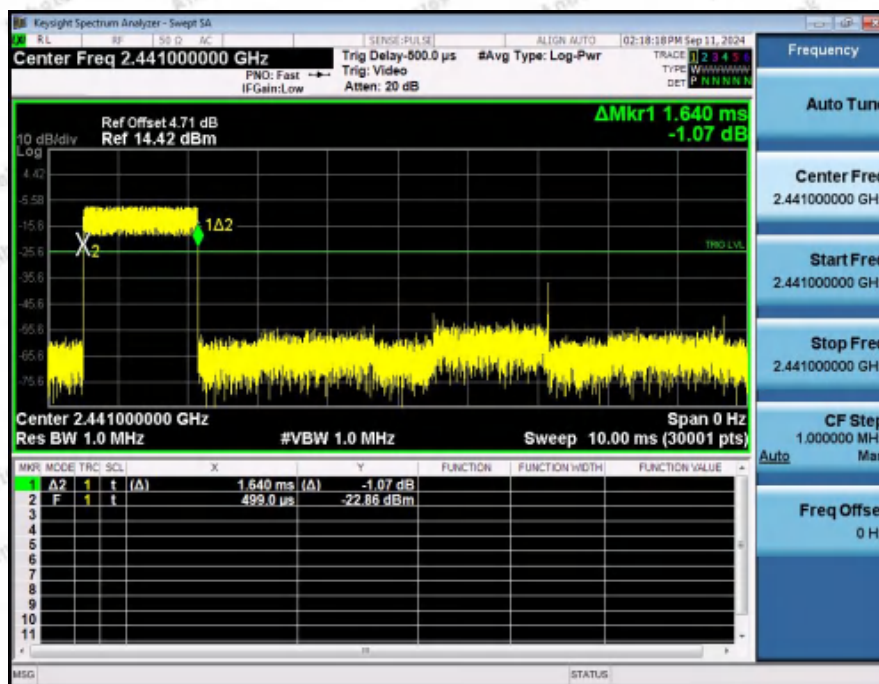
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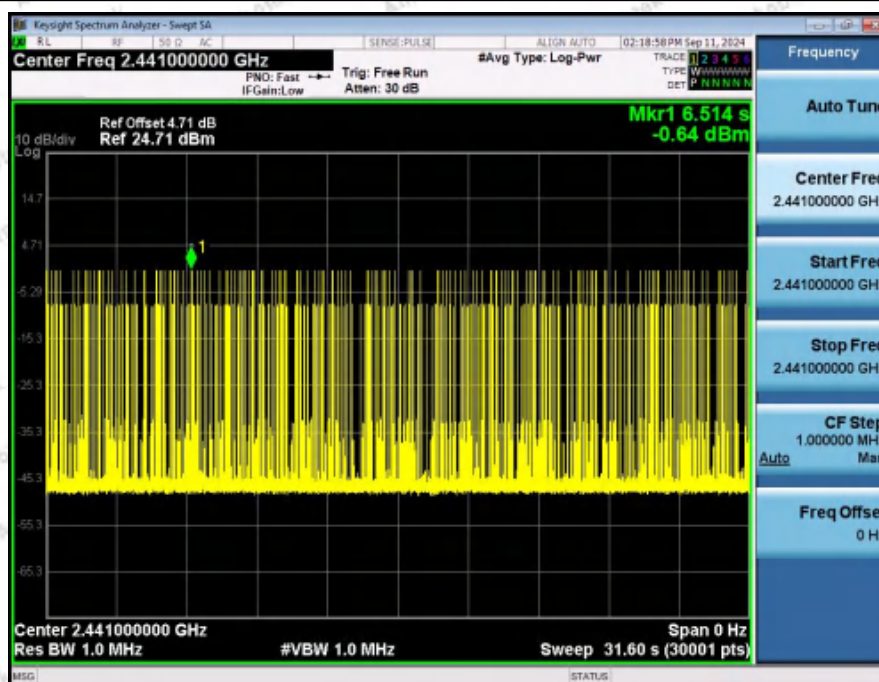
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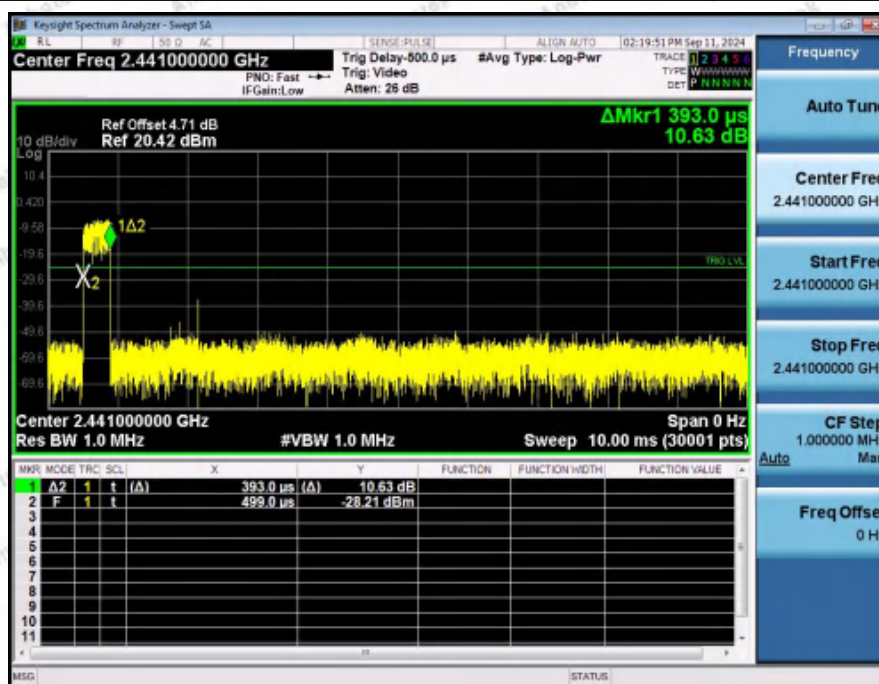
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time



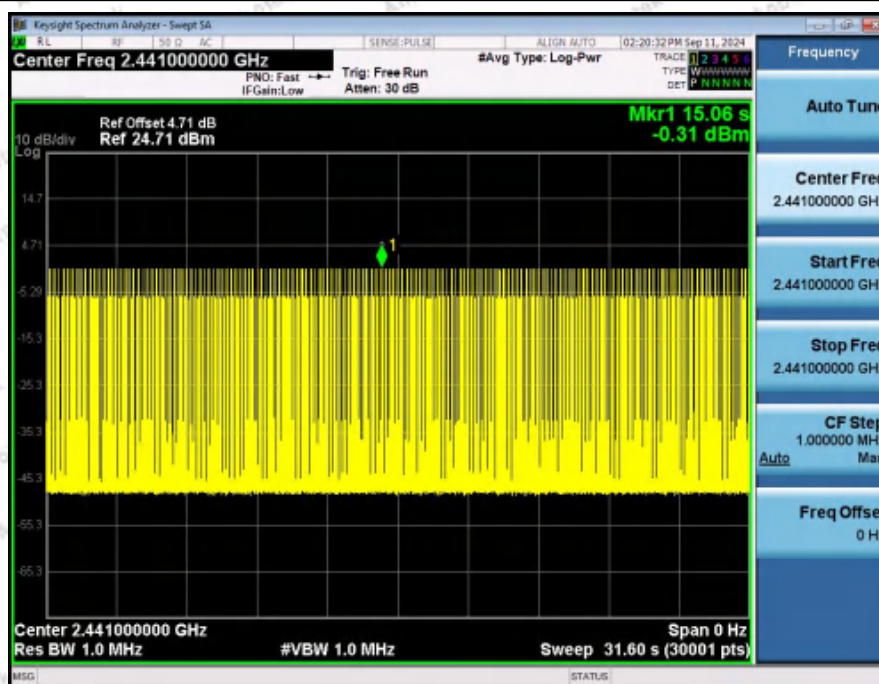
Dwell Time (Hopping) NVNT ANT1 1-DH3 2441 00 Accumulated



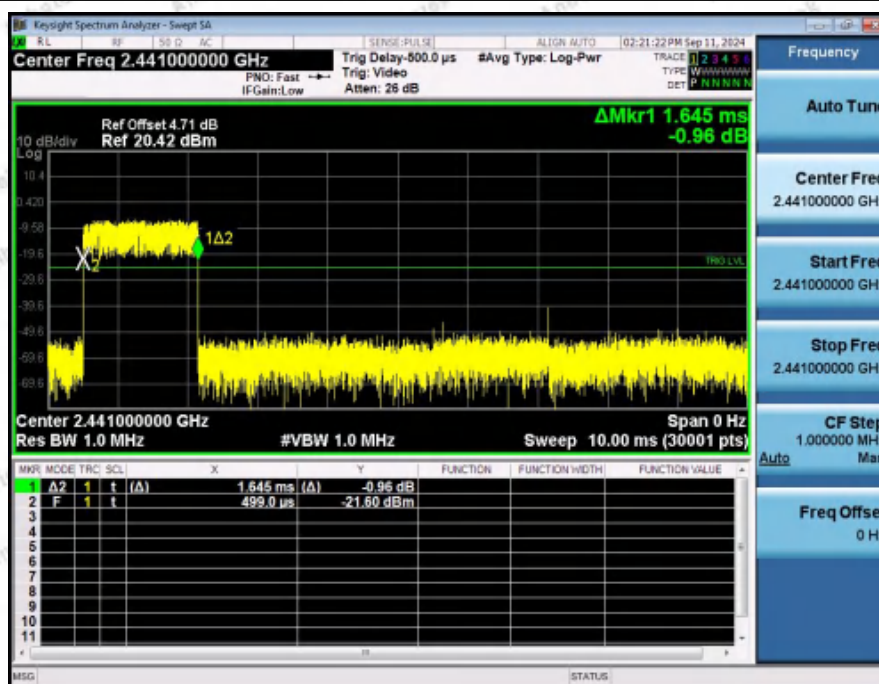
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



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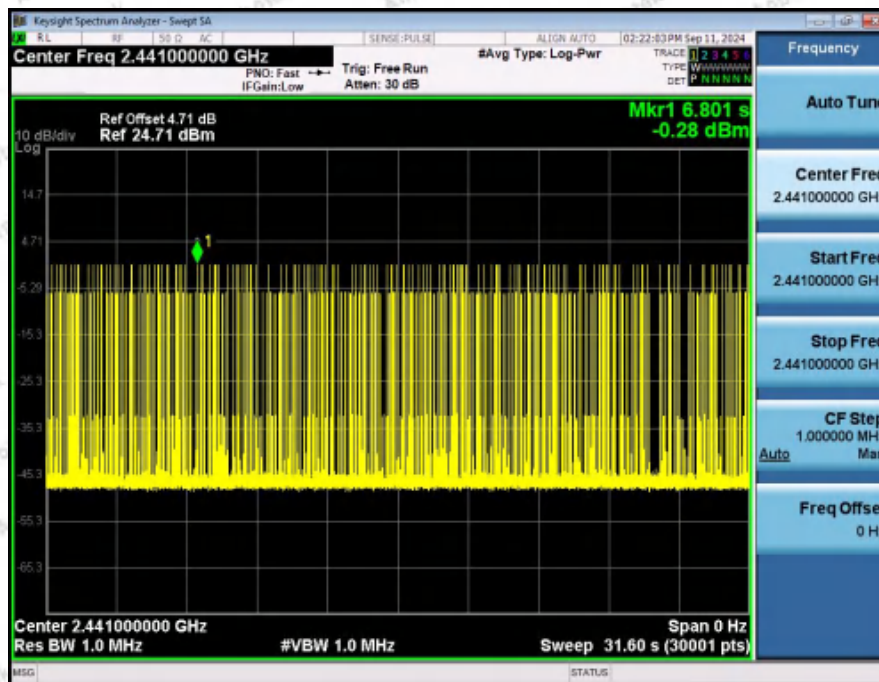
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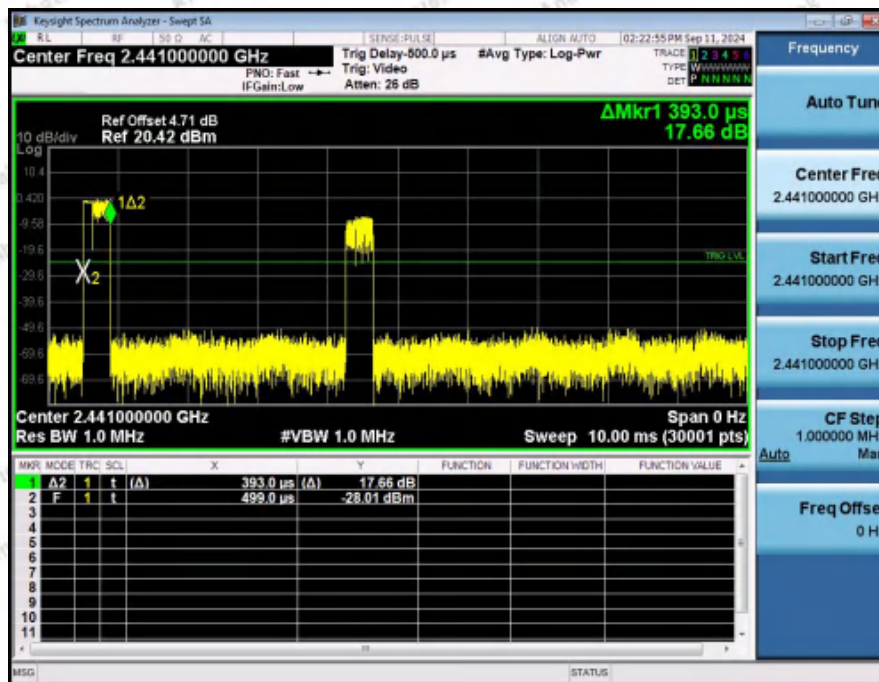
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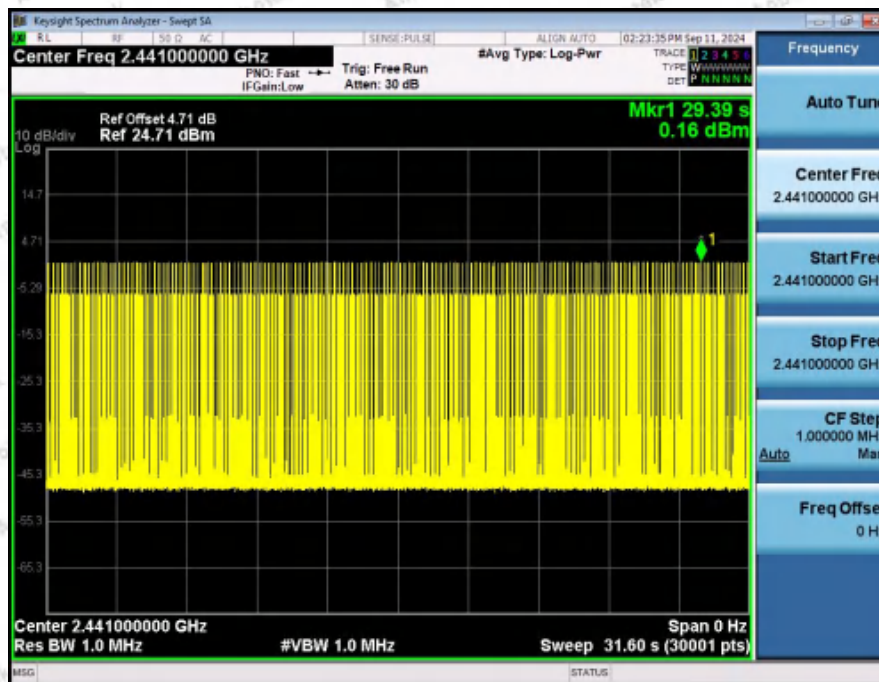
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_Accumulated



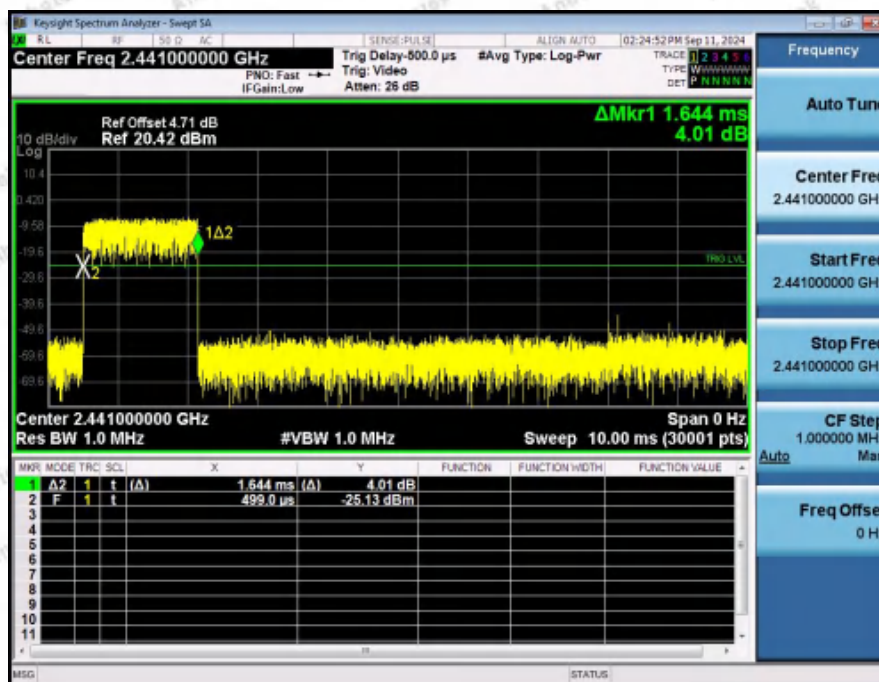
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_One_Burst_Time



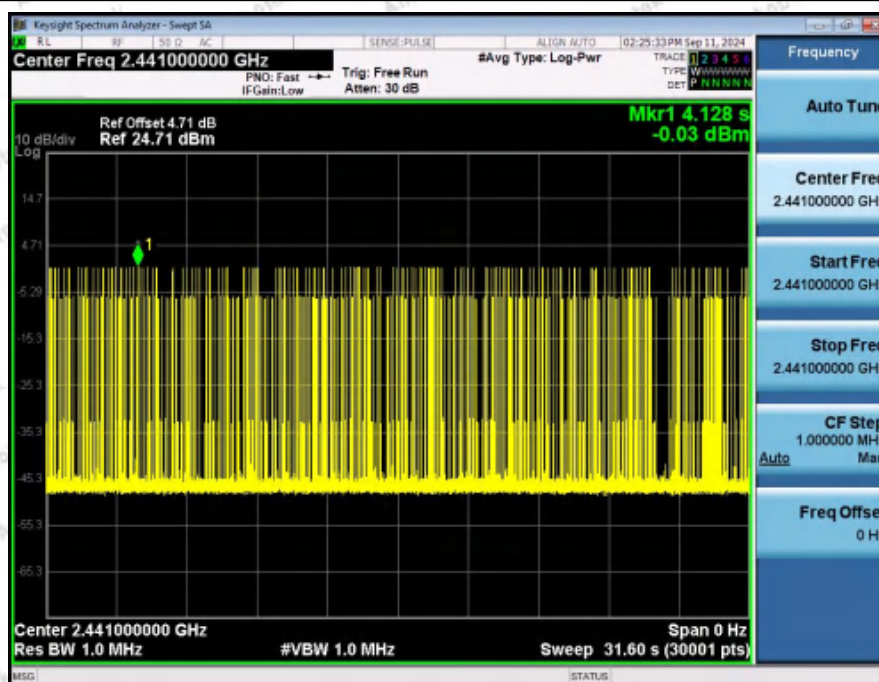
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_Accumulated



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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