

Appendix Test Data

Report No.:	1821C40004712501	Test Sample No.:	1-2-2
Start Test Date:	2024.8.20	Finish Test Date:	2024.8.20
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	0.953	No
NVNT	ANT1	1-DH5	2441.00	0.953	No
NVNT	ANT1	1-DH5	2480.00	0.955	No
NVNT	ANT1	2-DH5	2402.00	1.321	Yes
NVNT	ANT1	2-DH5	2441.00	1.322	Yes
NVNT	ANT1	2-DH5	2480.00	1.320	Yes
NVNT	ANT1	3-DH5	2402.00	1.308	Yes
NVNT	ANT1	3-DH5	2441.00	1.307	Yes
NVNT	ANT1	3-DH5	2480.00	1.311	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**

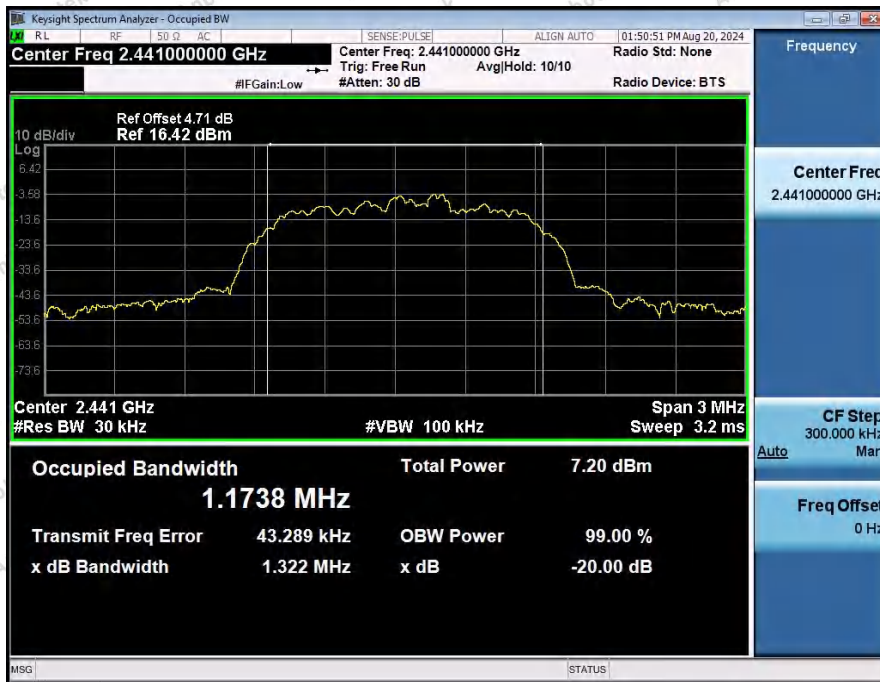


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00



-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00





-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402_00



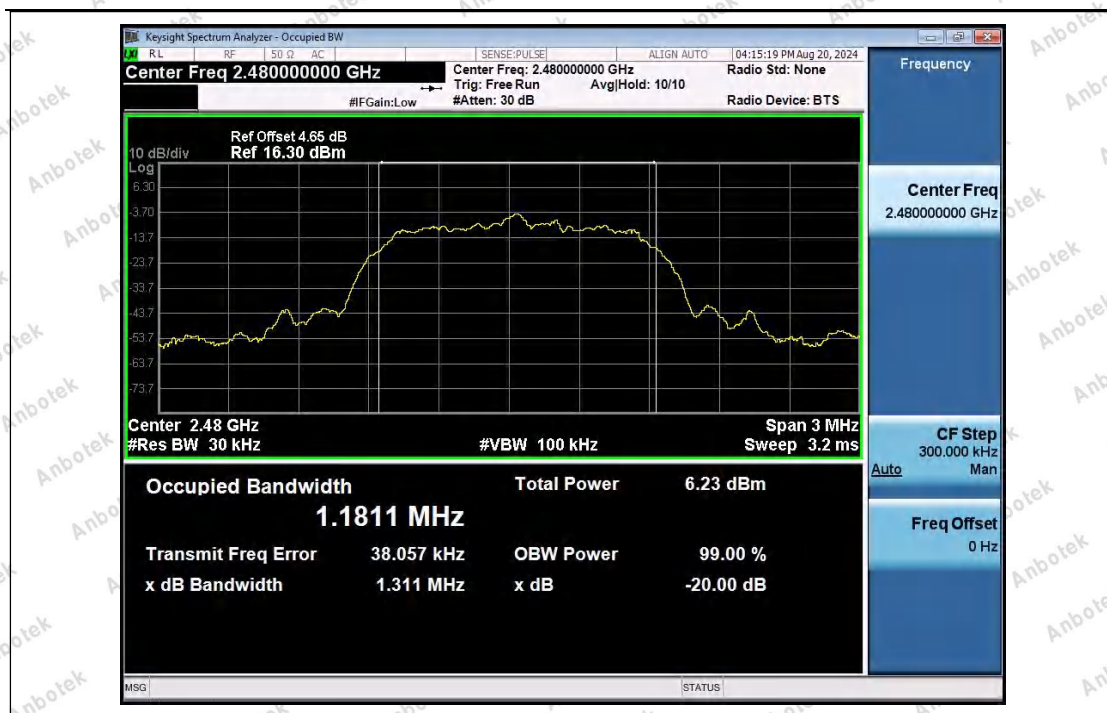


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480_00





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Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.829
NVNT	ANT1	1-DH5	2441.00	0.831
NVNT	ANT1	1-DH5	2480.00	0.828
NVNT	ANT1	2-DH5	2402.00	1.167
NVNT	ANT1	2-DH5	2441.00	1.168
NVNT	ANT1	2-DH5	2480.00	1.171
NVNT	ANT1	3-DH5	2402.00	1.182
NVNT	ANT1	3-DH5	2441.00	1.183
NVNT	ANT1	3-DH5	2480.00	1.182



99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402_00



99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00

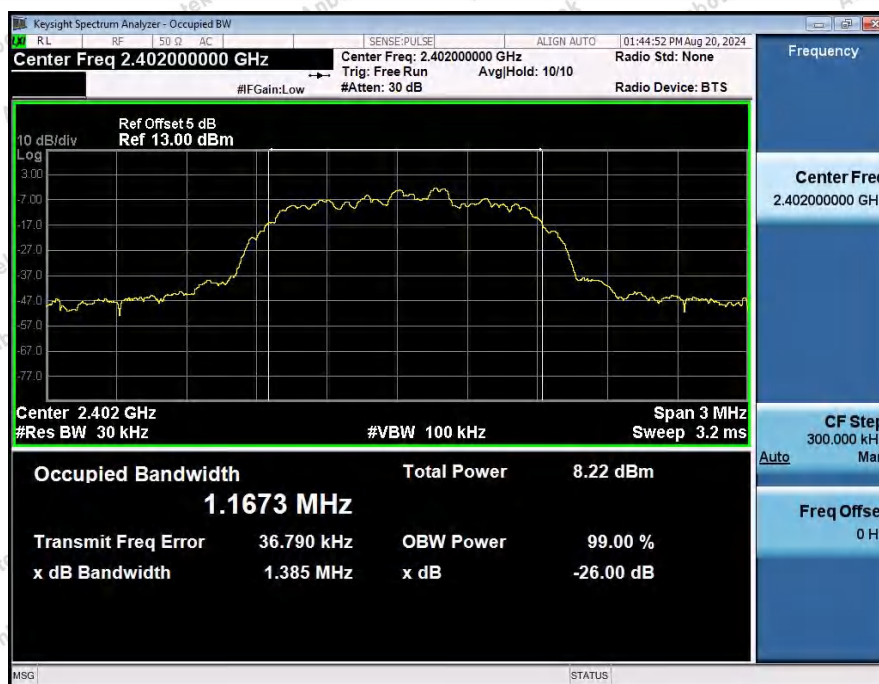


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00





99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00



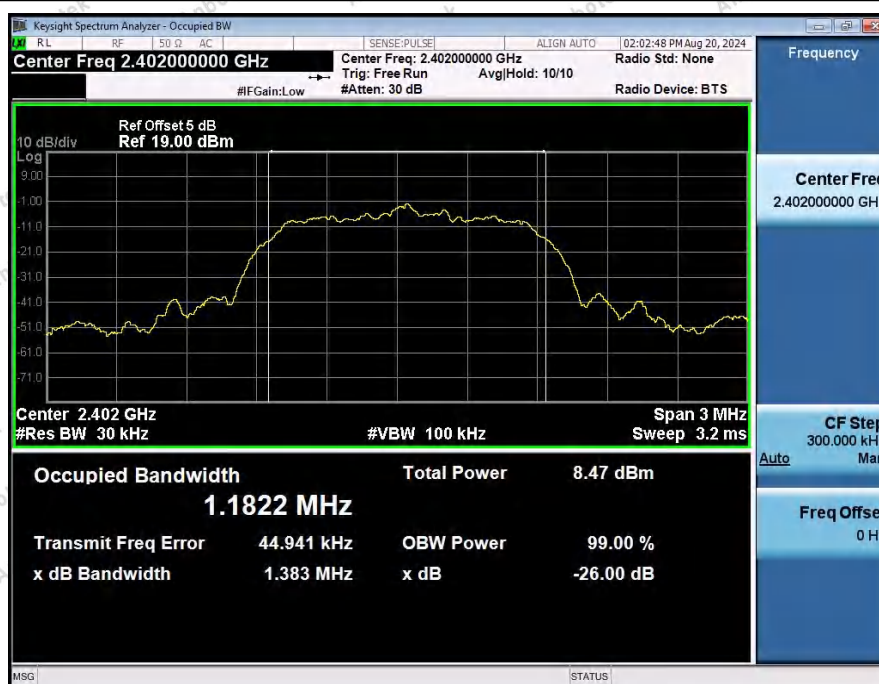


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00



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	-3.32	0.47	1000	Pass
NVNT	ANT1	1-DH5	2441.00	-4.79	0.33	1000	Pass
NVNT	ANT1	1-DH5	2480.00	-1.67	0.68	1000	Pass
NVNT	ANT1	2-DH5	2402.00	2.75	1.88	125	Pass
NVNT	ANT1	2-DH5	2441.00	1.72	1.49	125	Pass
NVNT	ANT1	2-DH5	2480.00	0.66	1.16	125	Pass
NVNT	ANT1	3-DH5	2402.00	3.47	2.22	125	Pass
NVNT	ANT1	3-DH5	2441.00	2.27	1.69	125	Pass
NVNT	ANT1	3-DH5	2480.00	1.25	1.33	125	Pass



Peak_Output_Power_NVNT_ANT1_1-DH5_2402_00



Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00

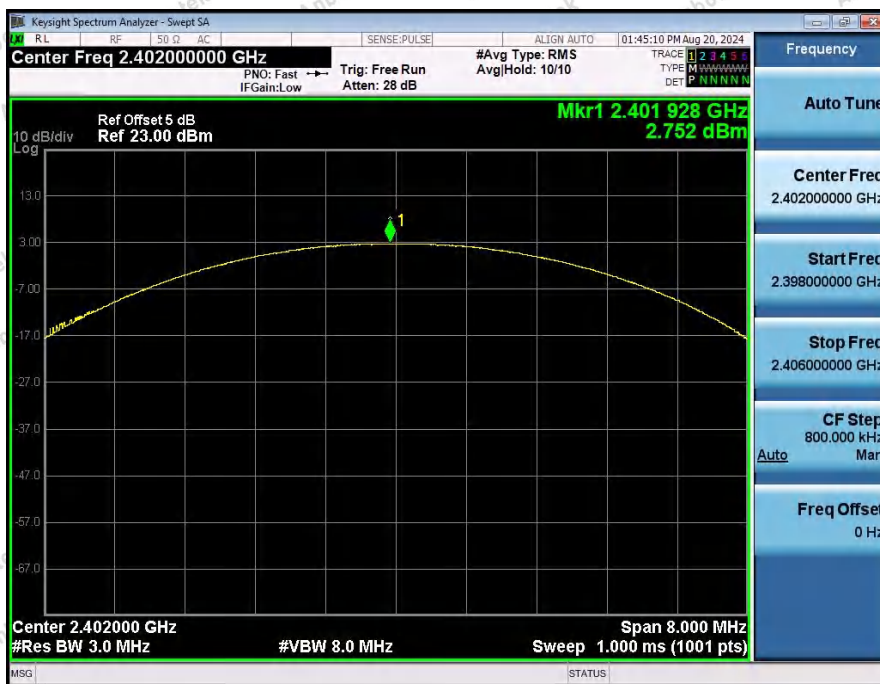


Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00





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



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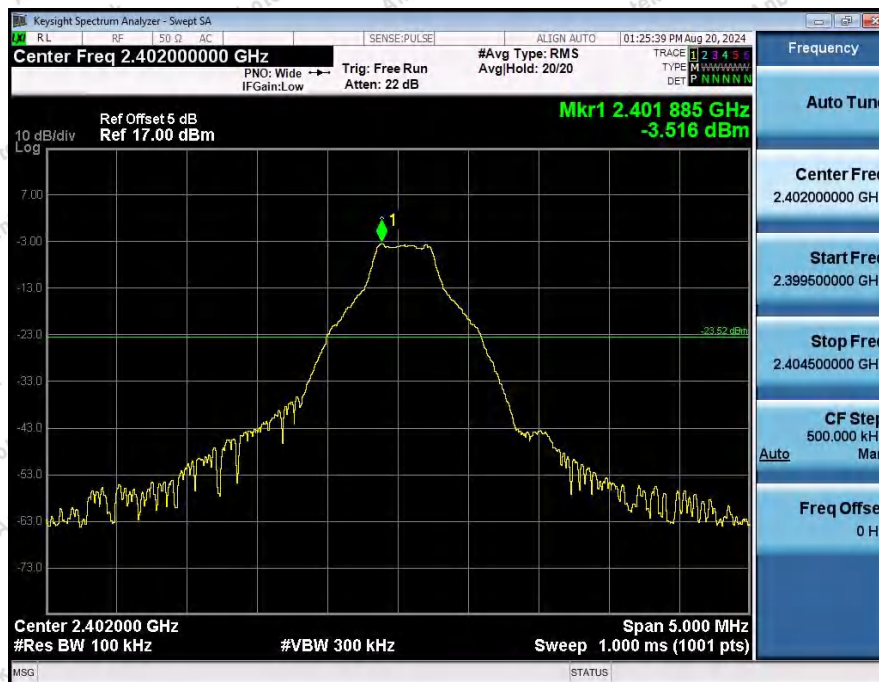


Appendix D: Spurious Emissions

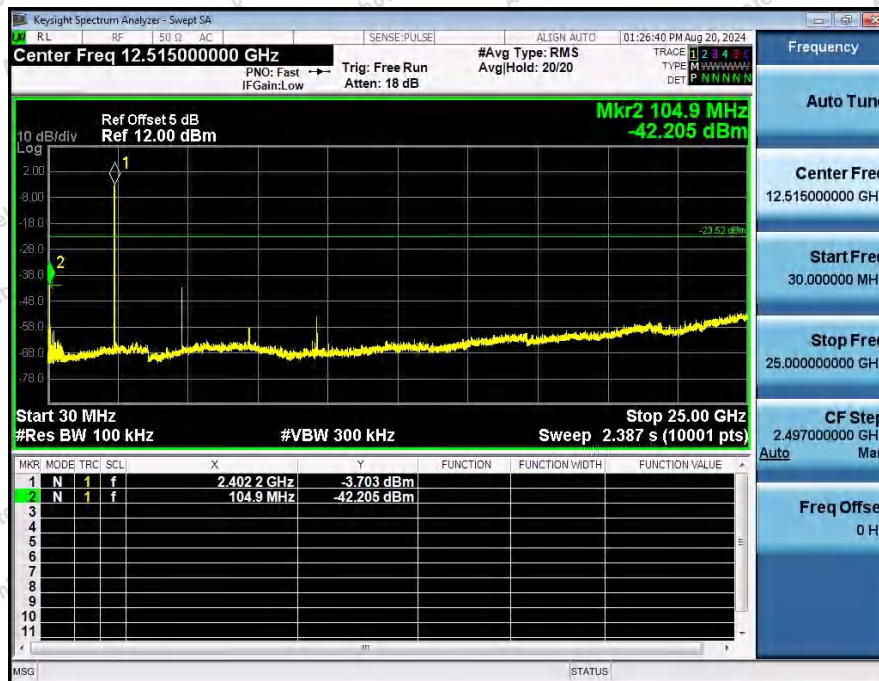
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-42.205	-23.516	Pass
NVNT	ANT1	1-DH5	2441.00	-43.599	-25.042	Pass
NVNT	ANT1	1-DH5	2480.00	-43.487	-21.859	Pass
NVNT	ANT1	2-DH5	2402.00	-44.058	-19.852	Pass
NVNT	ANT1	2-DH5	2441.00	-43.676	-20.837	Pass
NVNT	ANT1	2-DH5	2480.00	-45.738	-21.974	Pass
NVNT	ANT1	3-DH5	2402.00	-43.672	-19.694	Pass
NVNT	ANT1	3-DH5	2441.00	-43.838	-20.805	Pass
NVNT	ANT1	3-DH5	2480.00	-43.862	-21.881	Pass



1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

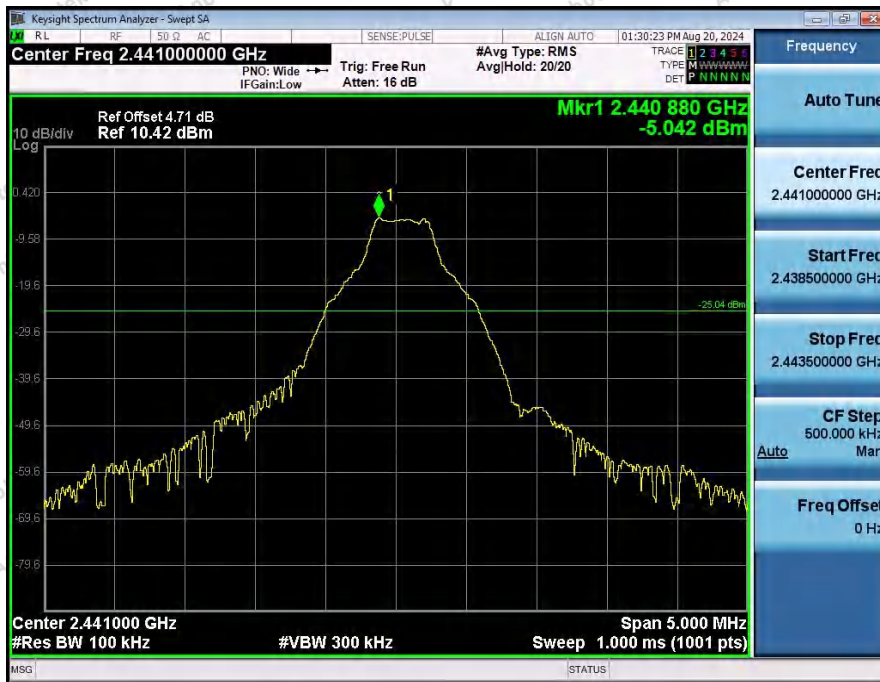


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00

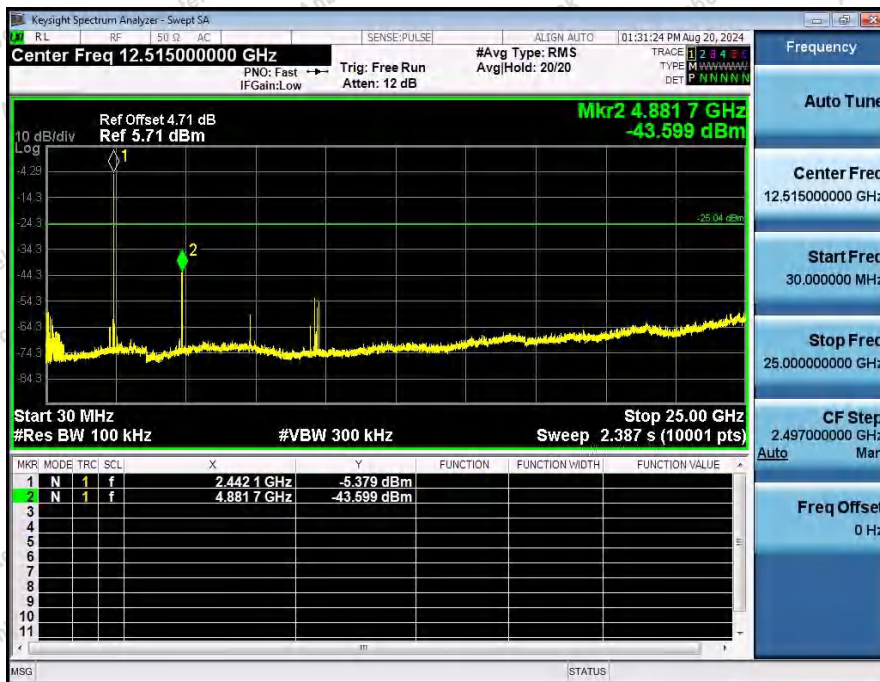


1_Reference_Level_NVNT_ANT1_1-DH5_2441_00





2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

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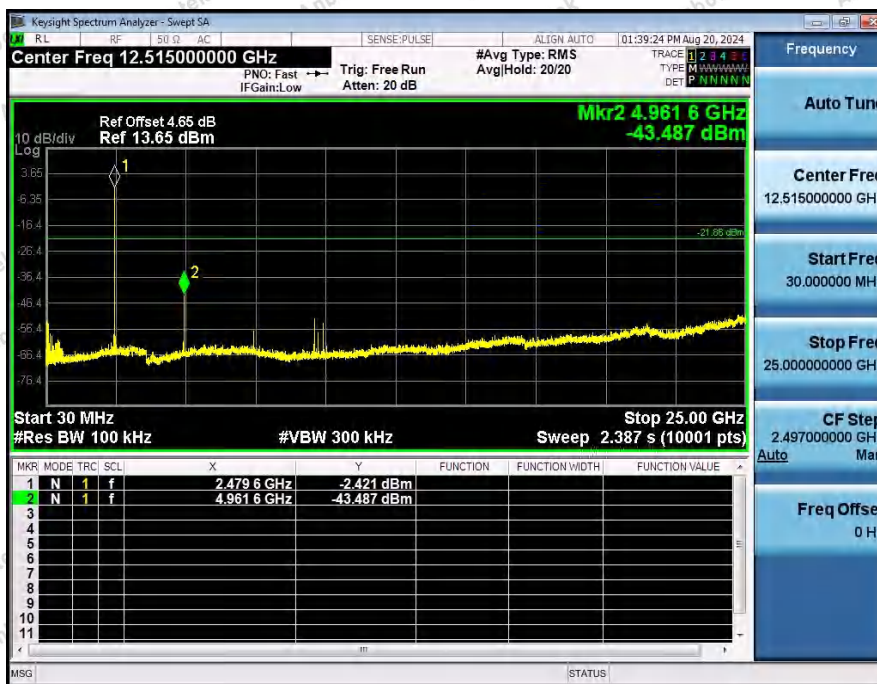


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2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00



1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

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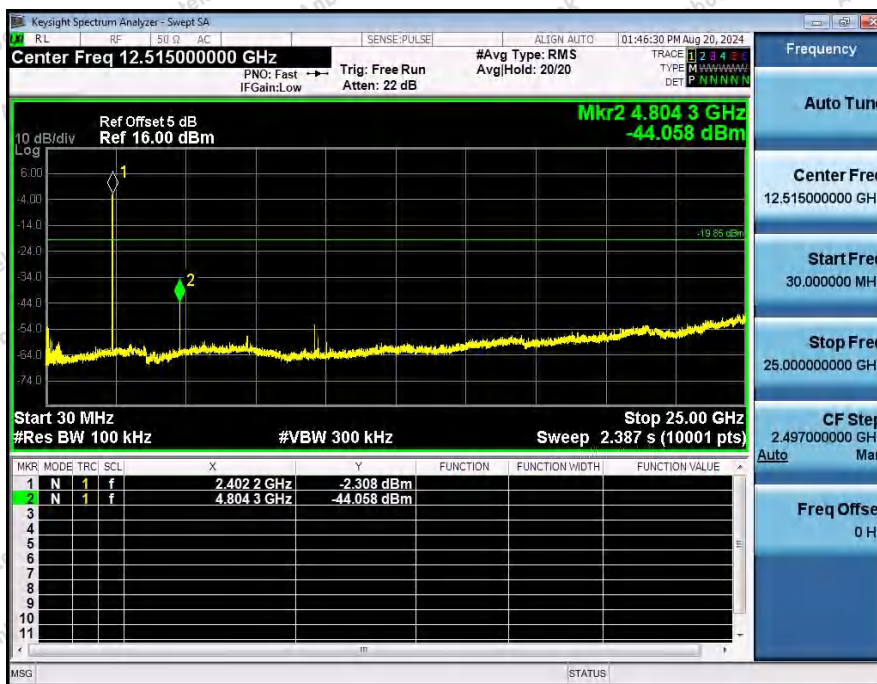


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2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



1_Reference_Level_NVNT_ANT1_2-DH5_2441_00

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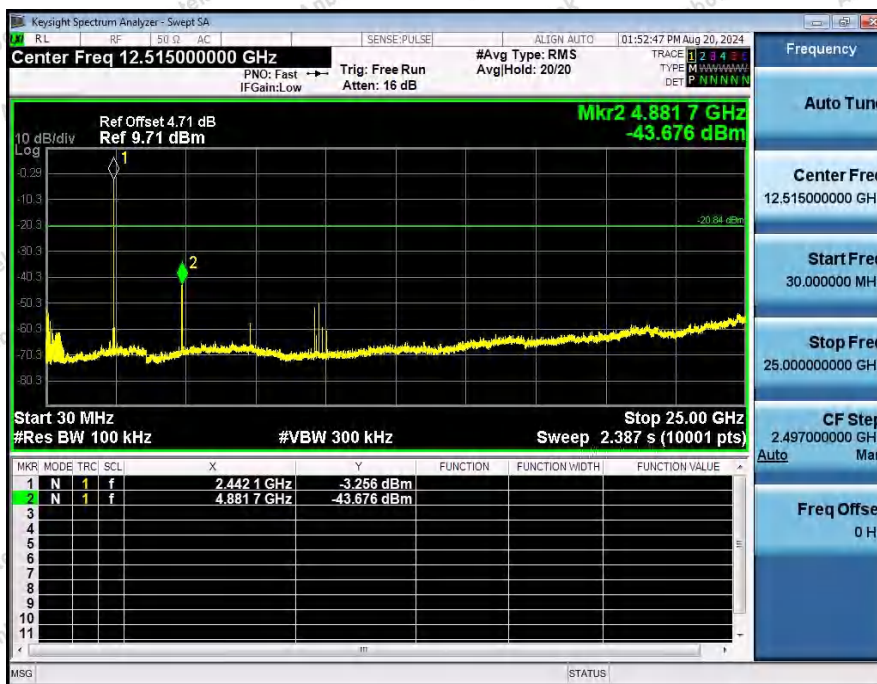


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2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00

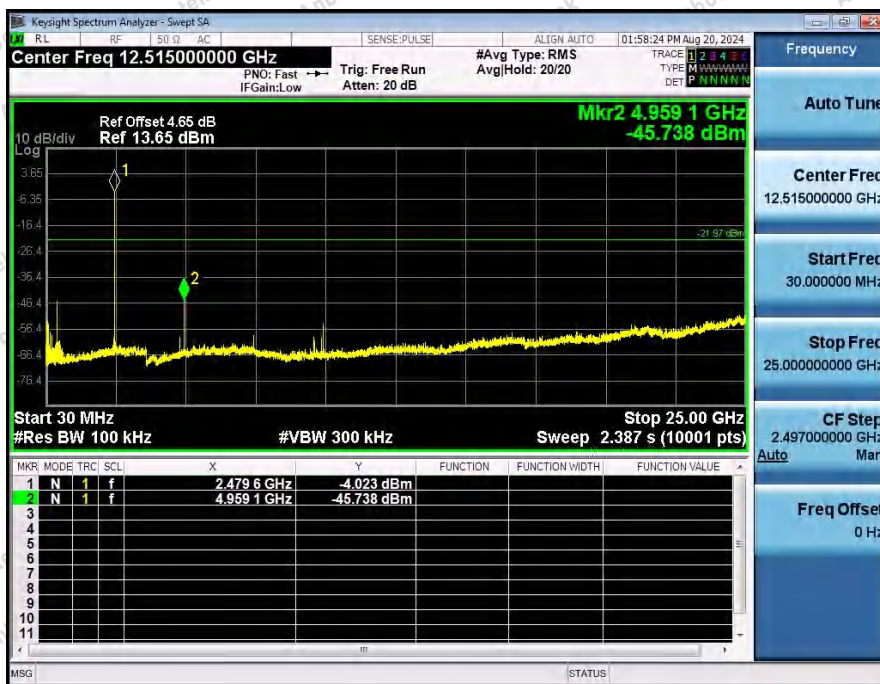


1_Reference_Level_NVNT_ANT1_2-DH5_2480_00





2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00

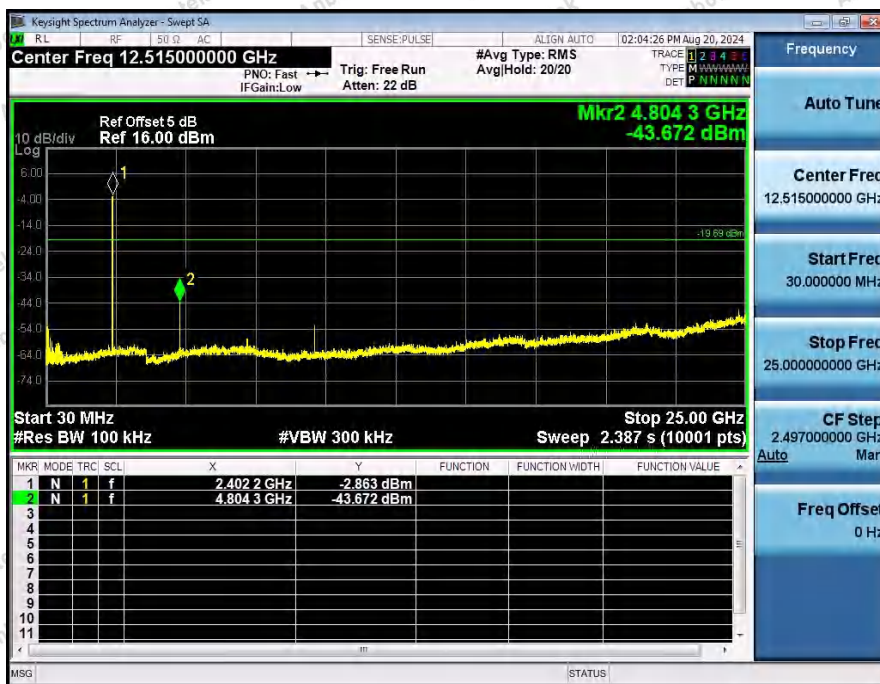


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00





2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402_00



1_Reference_Level_NVNT_ANT1_3-DH5_2441_00

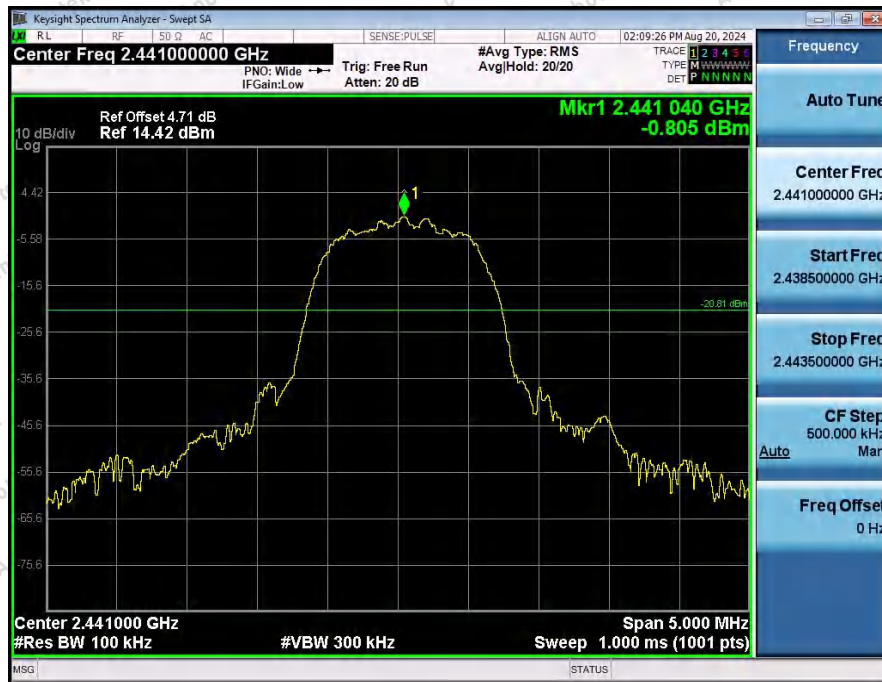
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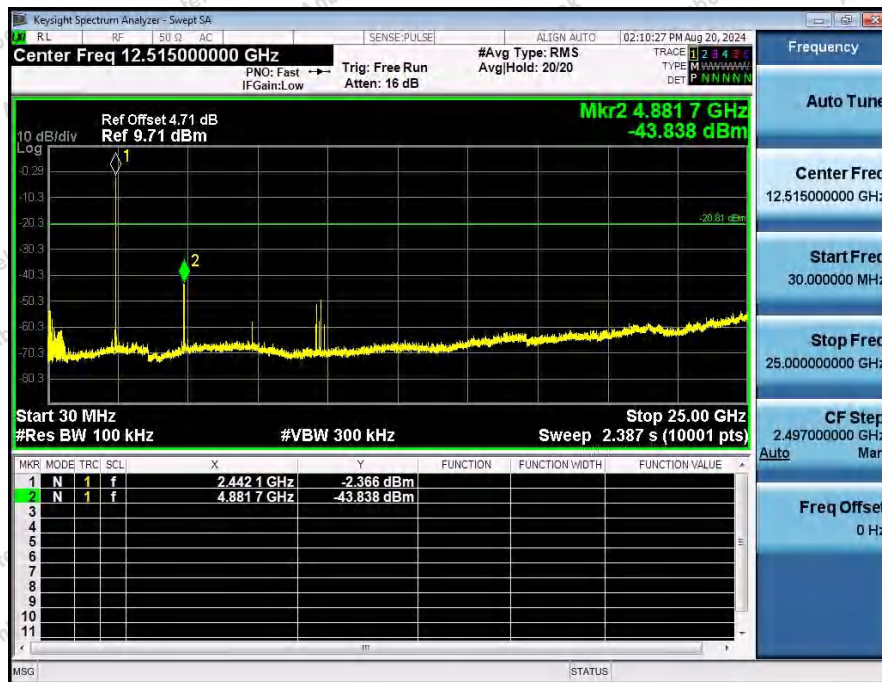


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2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00



1_Reference_Level_NVNT_ANT1_3-DH5_2480_00

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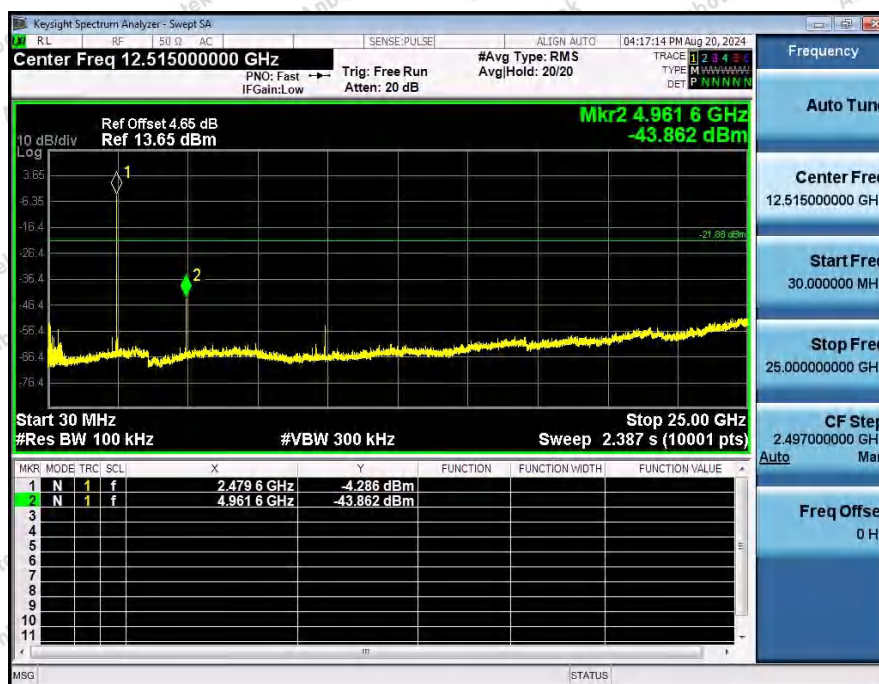


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2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480_00

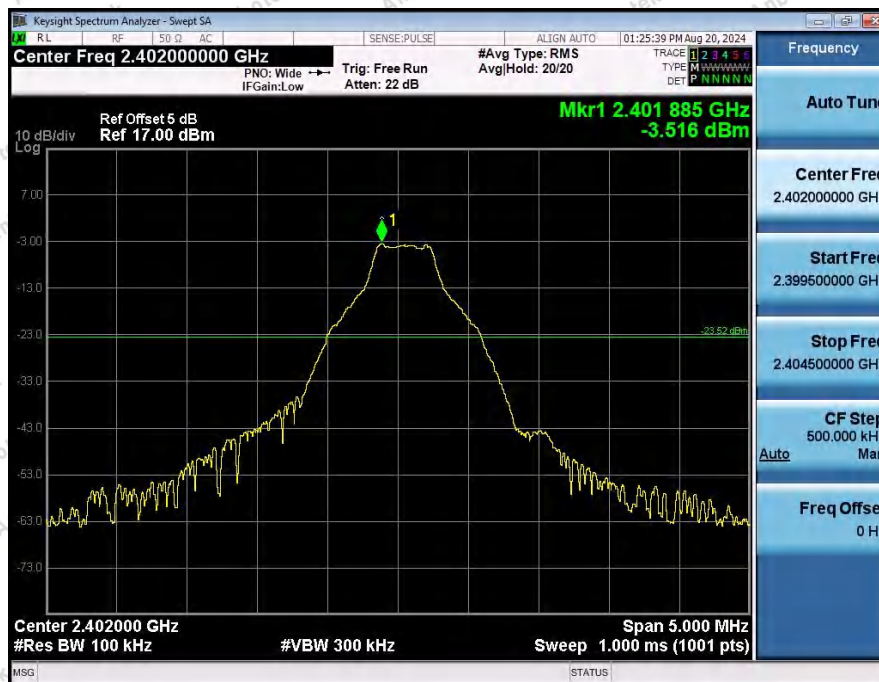


Appendix E: Bandedge

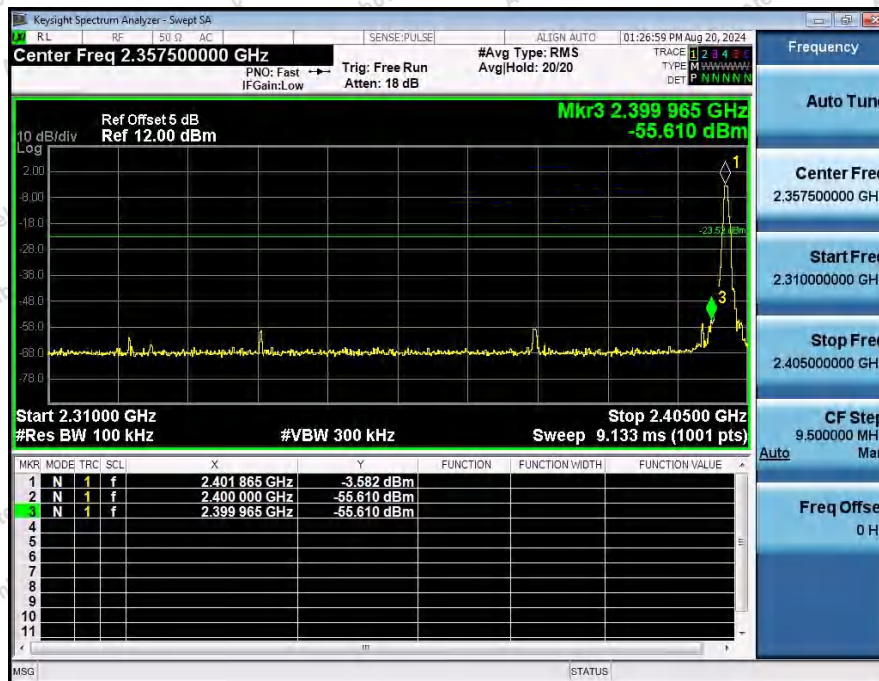
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-55.610	-23.516	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-60.097	-23.586	Pass
NVNT	ANT1	1-DH5	2480.00	-62.089	-21.859	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-57.073	-20.138	Pass
NVNT	ANT1	2-DH5	2402.00	-45.046	-19.852	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-54.097	-19.874	Pass
NVNT	ANT1	2-DH5	2480.00	-53.116	-21.974	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-59.255	-20.148	Pass
NVNT	ANT1	3-DH5	2402.00	-51.170	-19.694	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-51.181	-19.996	Pass
NVNT	ANT1	3-DH5	2480.00	-62.599	-21.881	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-60.137	-20.271	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

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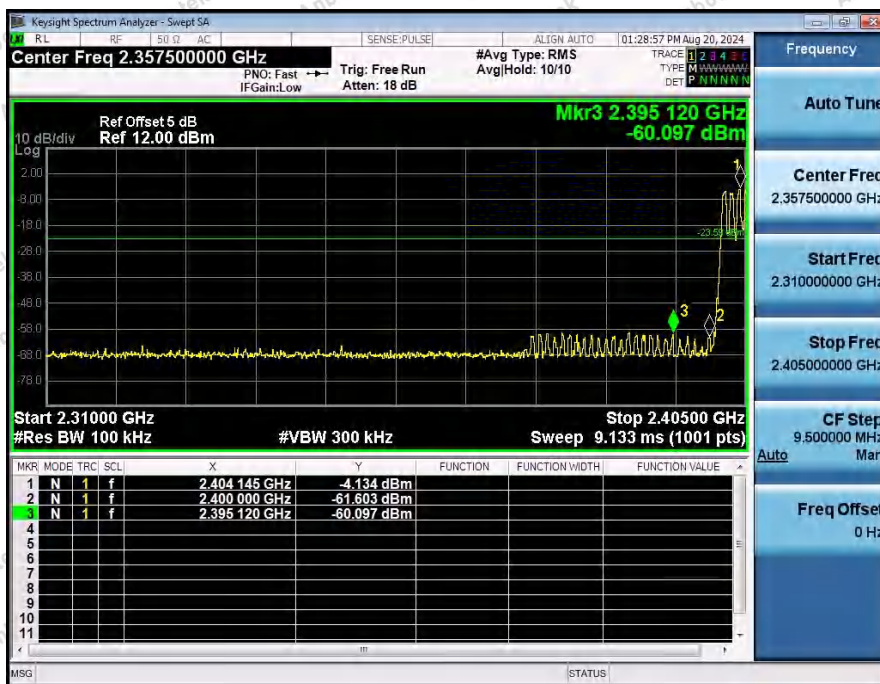


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2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



1_Reference_Level_NVNT_ANT1_1-DH5_2480_00



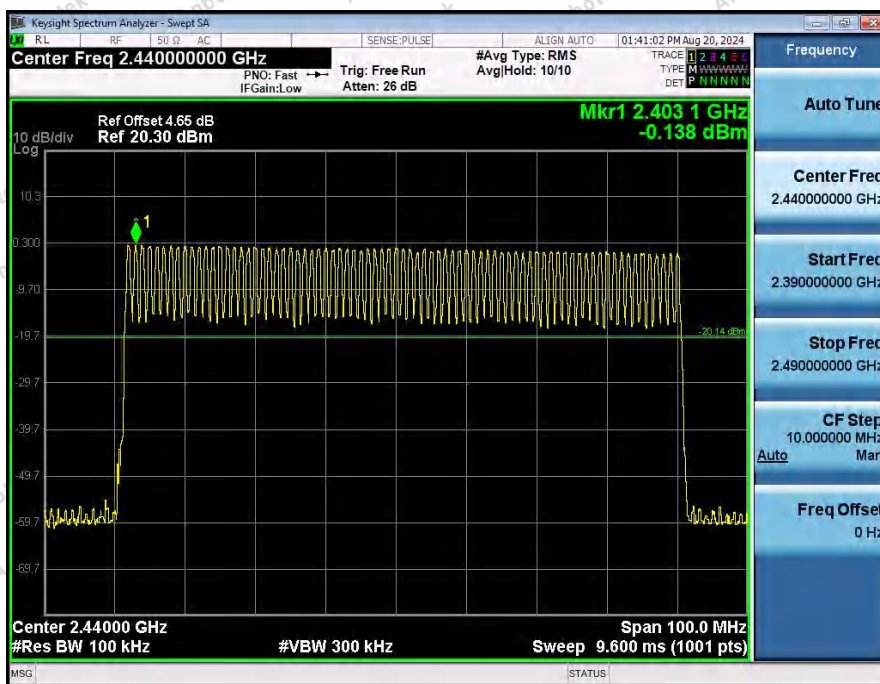


2_Bandedge_NVNT_ANT1_1-DH5_2480_00

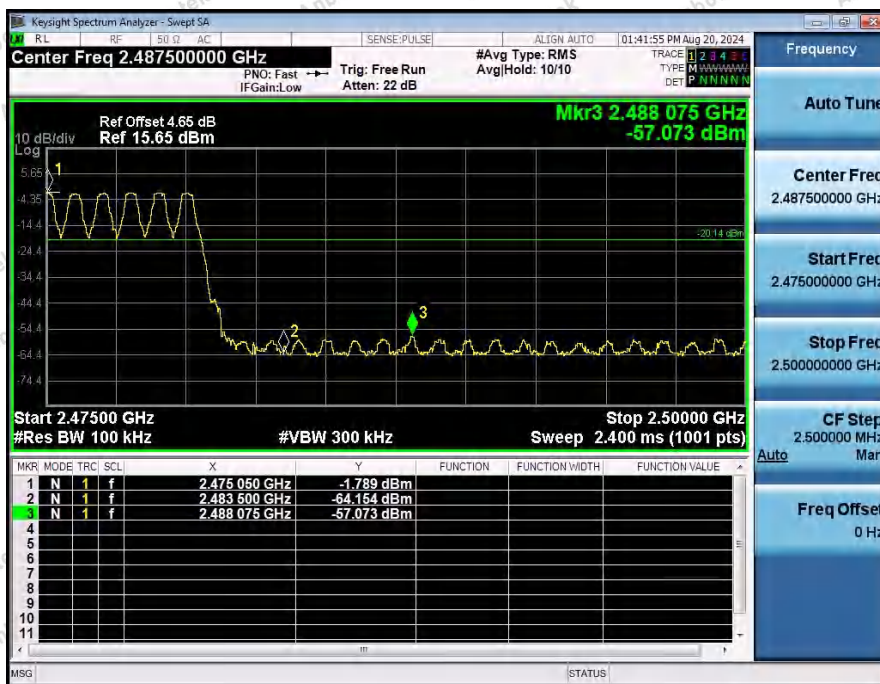


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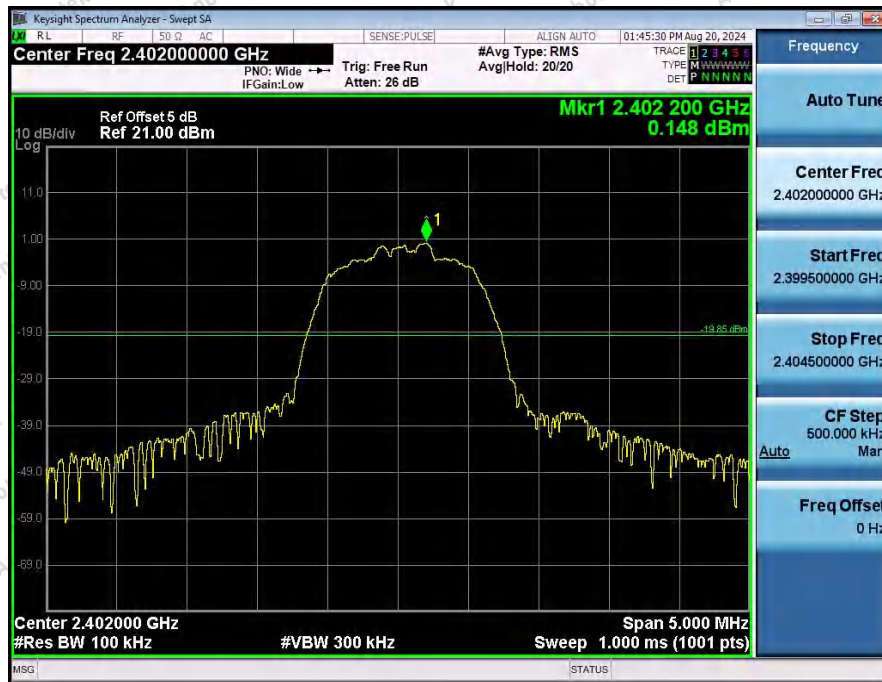


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

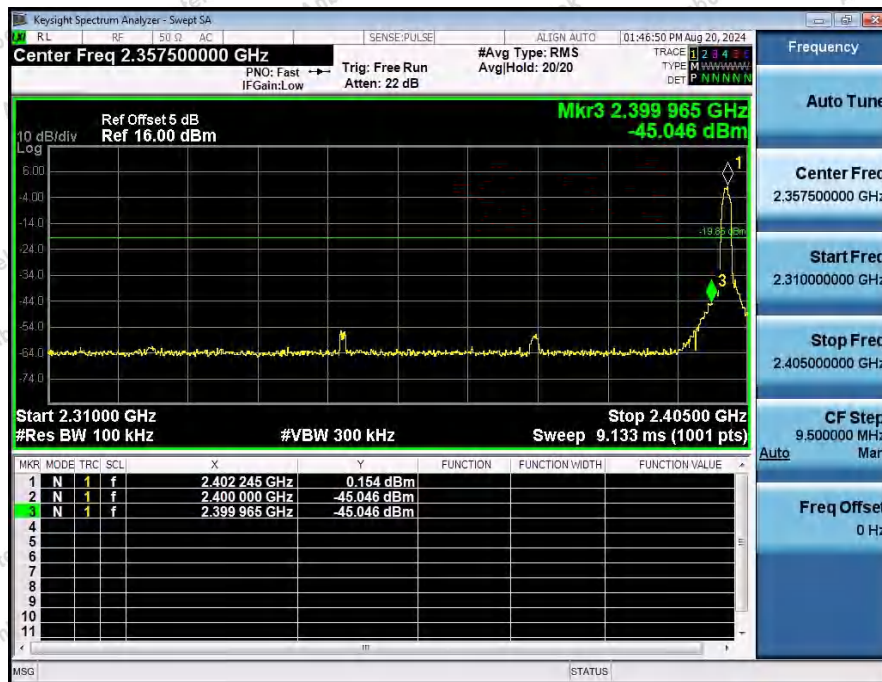


1_Reference_Level_NVNT_ANT1_2-DH5_2402_00



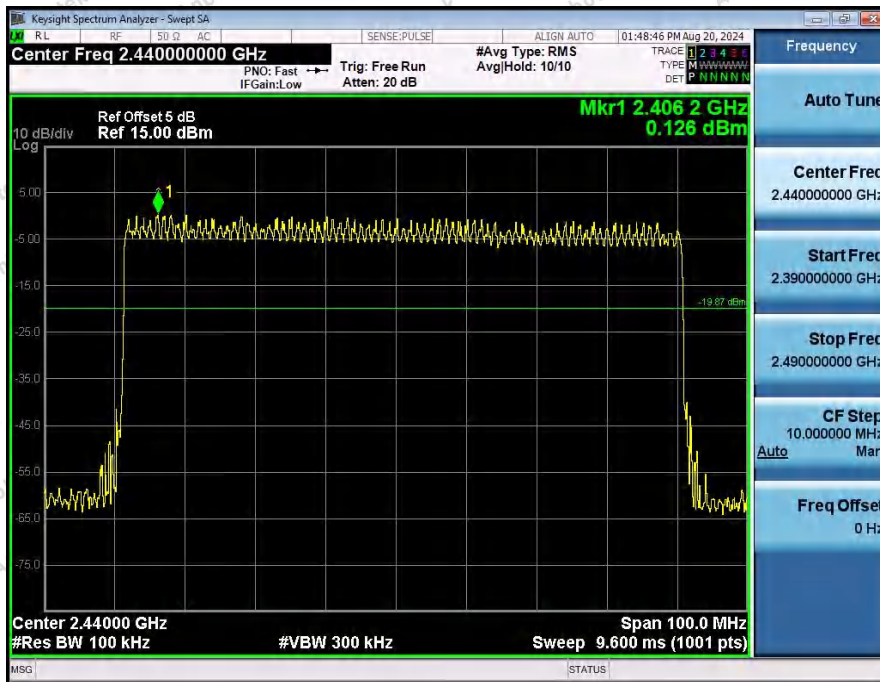


2_Bandedge_NVNT_ANT1_2-DH5_2402_00

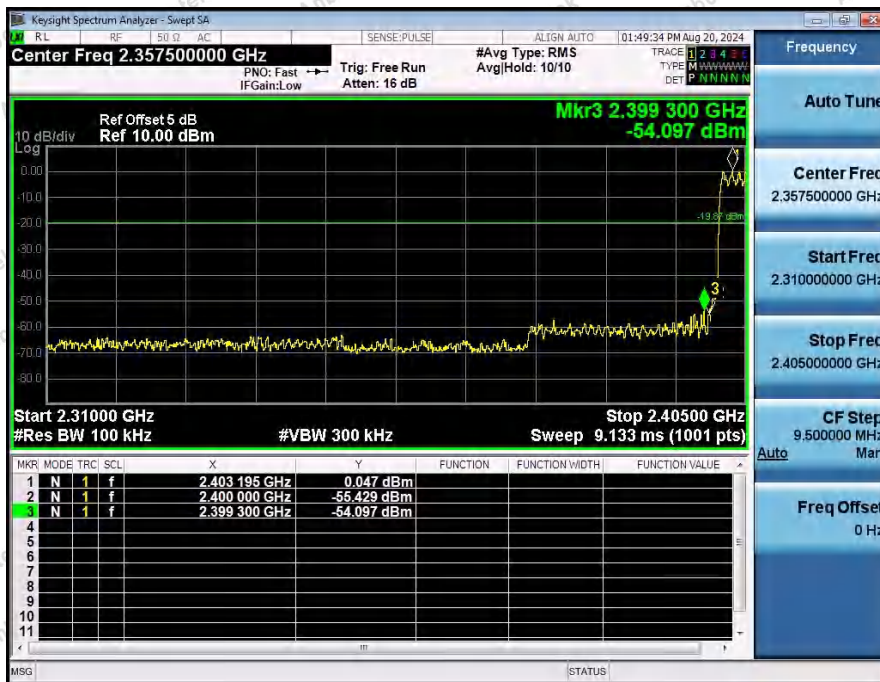


1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping





2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



1_Reference_Level_NVNT_ANT1_2-DH5_2480_00



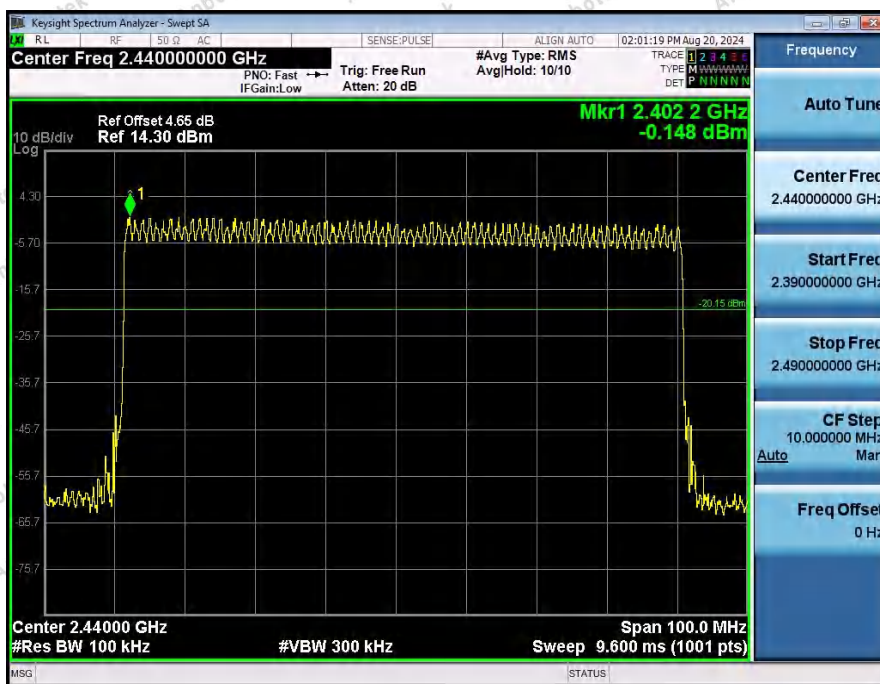


2_Bandedge_NVNT_ANT1_2-DH5_2480_00

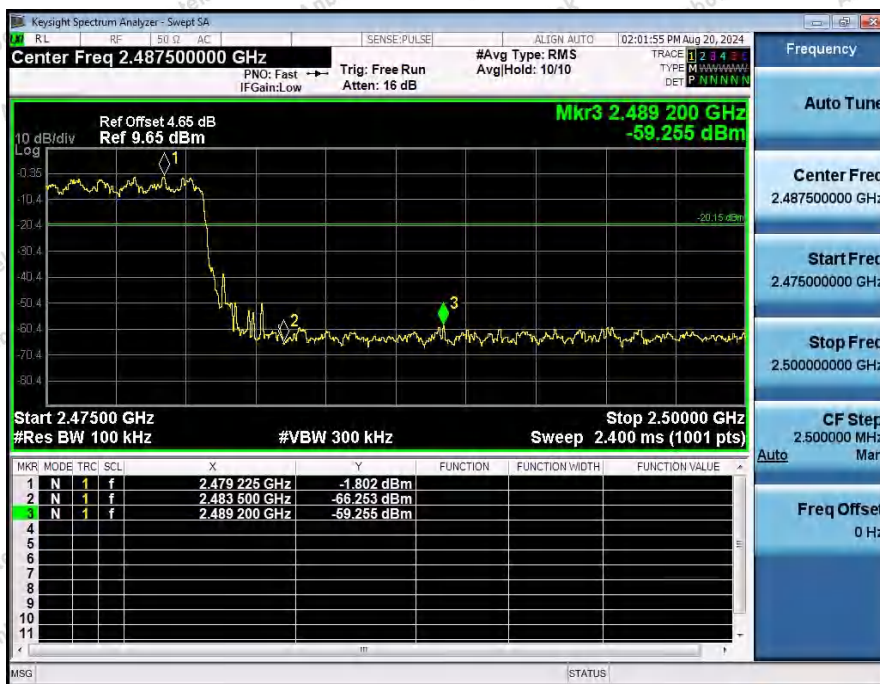


1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping





2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping

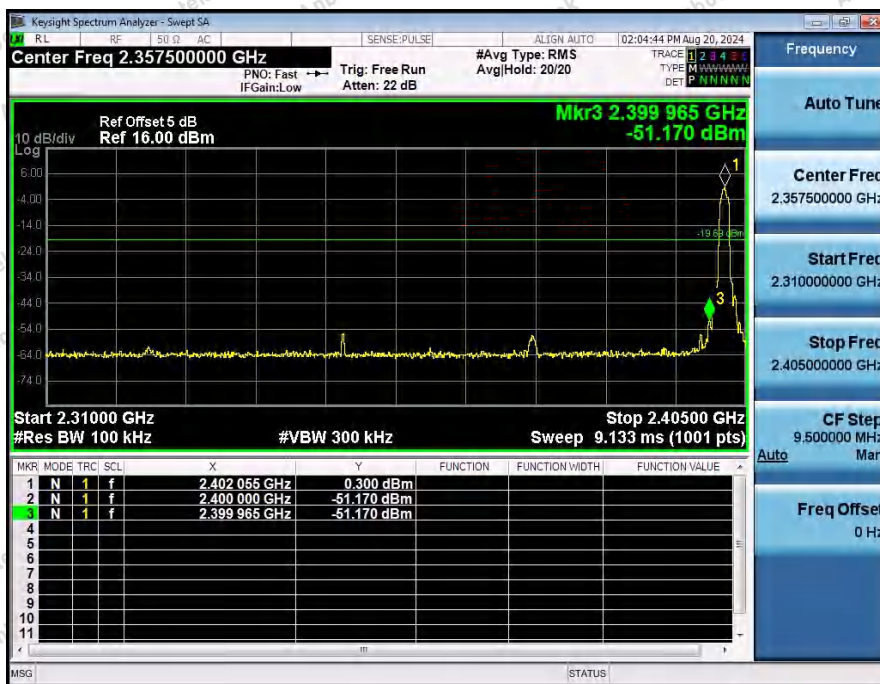


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00





2_Bandedge_NVNT_ANT1_3-DH5_2402_00



1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping

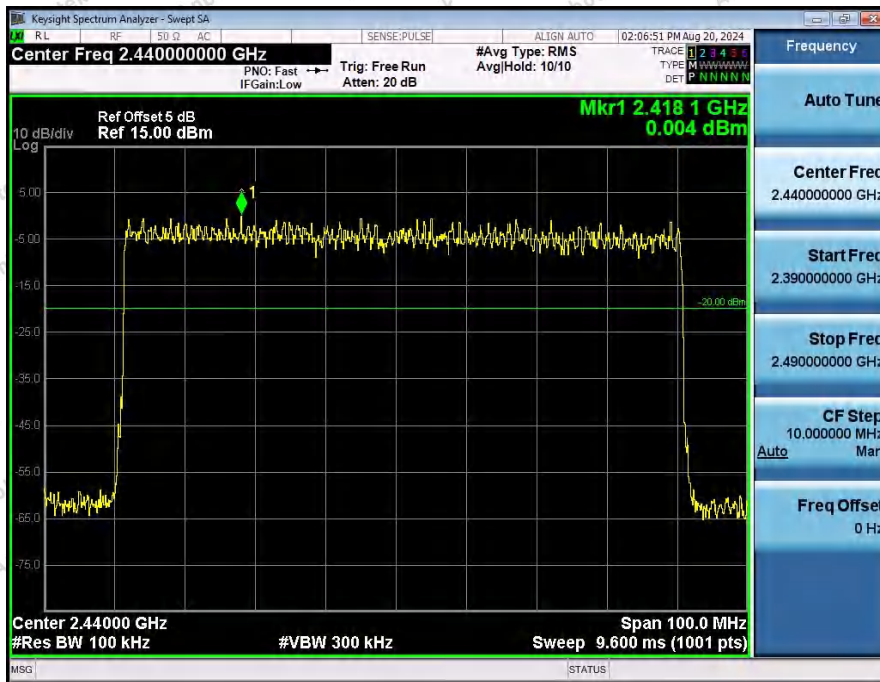
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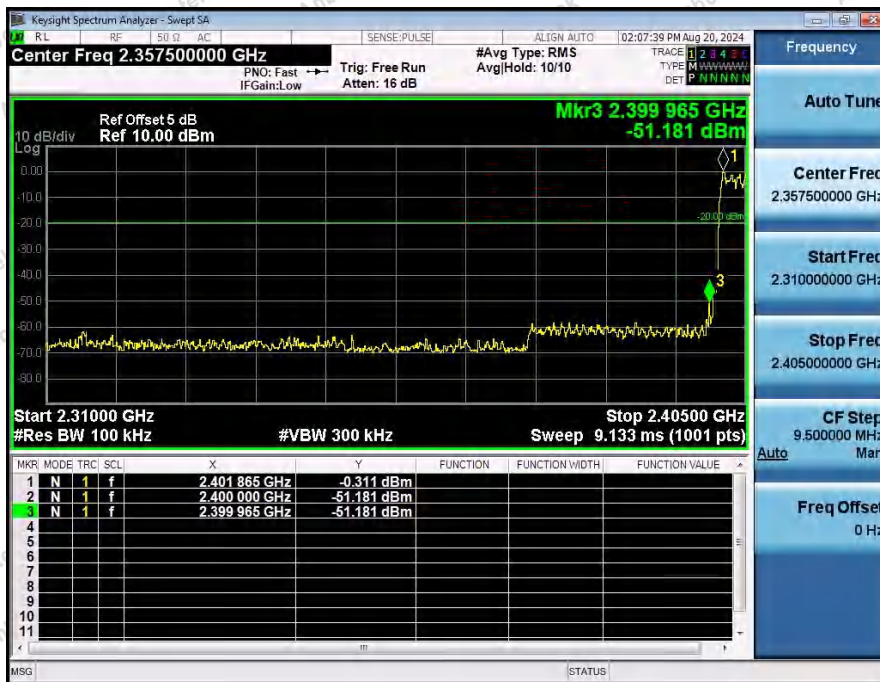


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2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping

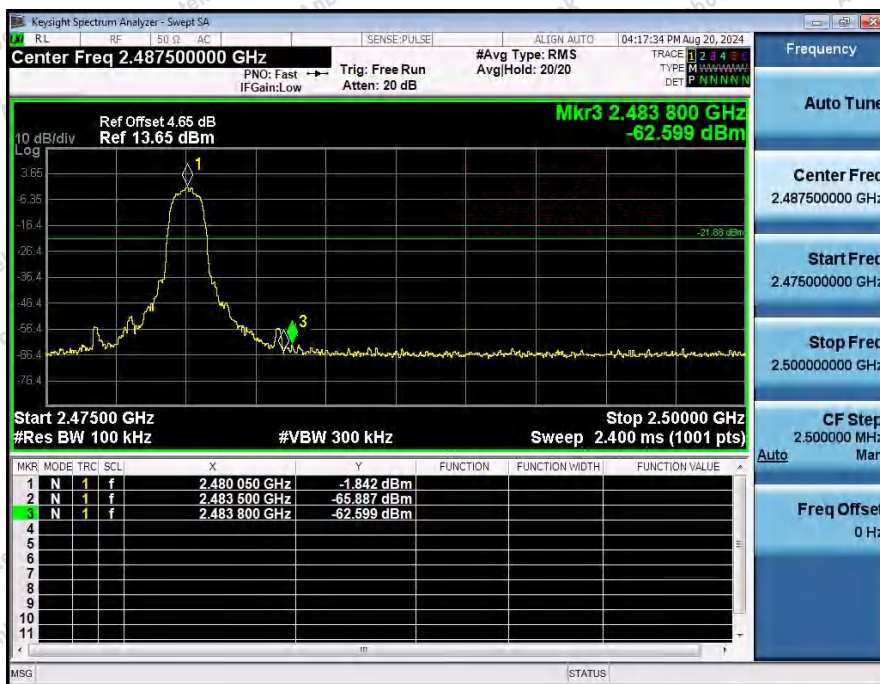


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00





2_Bandedge_NVNT_ANT1_3-DH5_2480_00



1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping

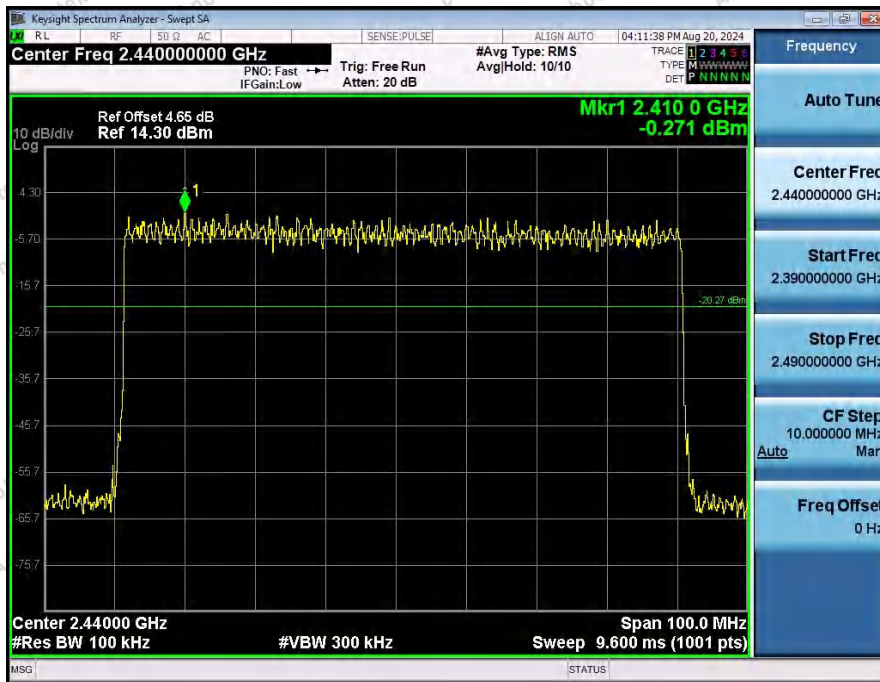
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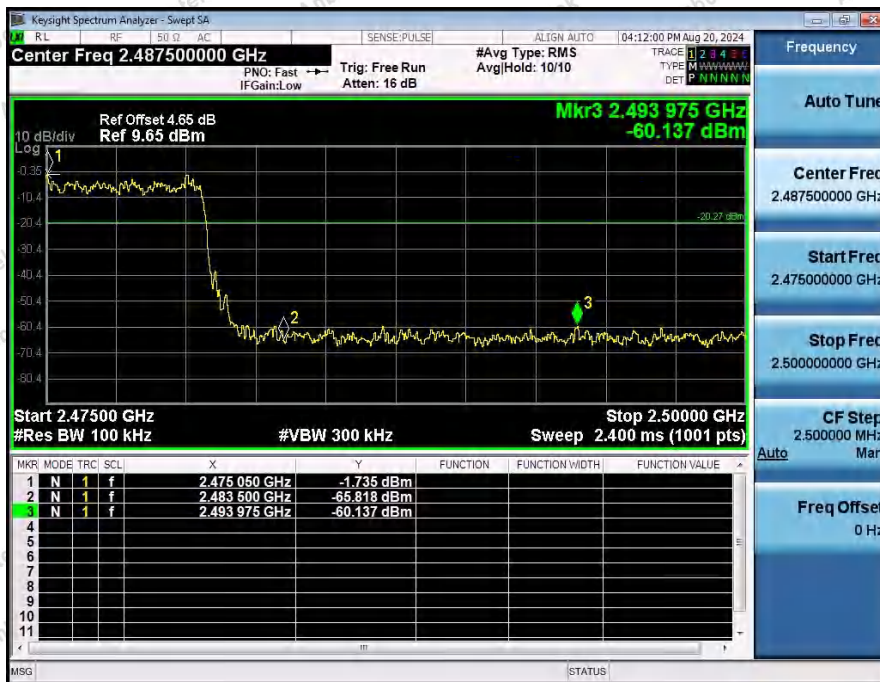


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2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



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	2441.029	2442.076	1.05	0.953	Pass
NVNT	ANT1	2-DH5	2441.00	2441.191	2442.208	1.02	0.881	Pass
NVNT	ANT1	3-DH5	2441.00	2440.975	2441.992	1.02	0.871	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



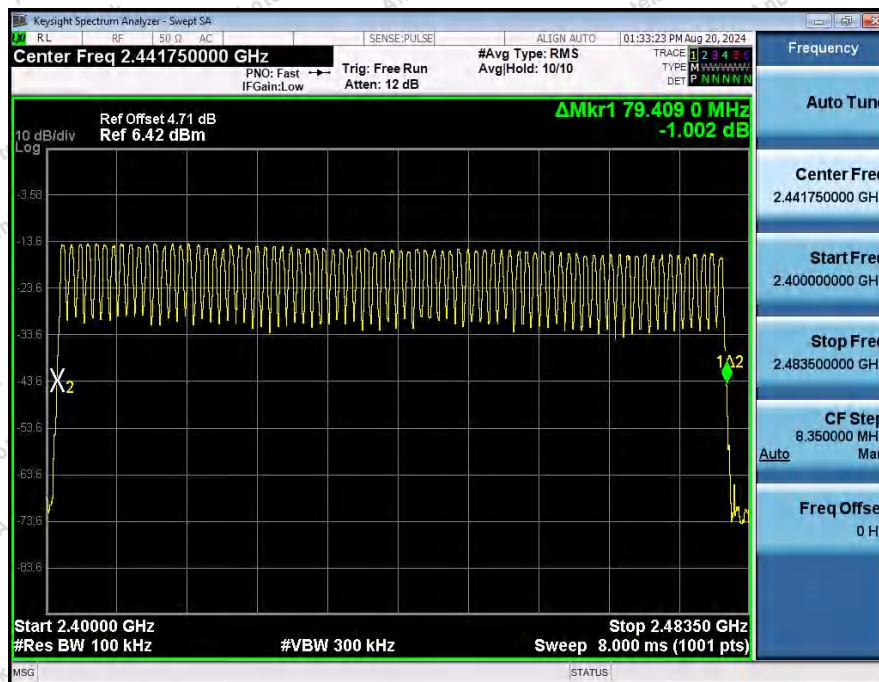


Appendix G: Number of Hopping Channel (Hopping)

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



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH5_Hopping

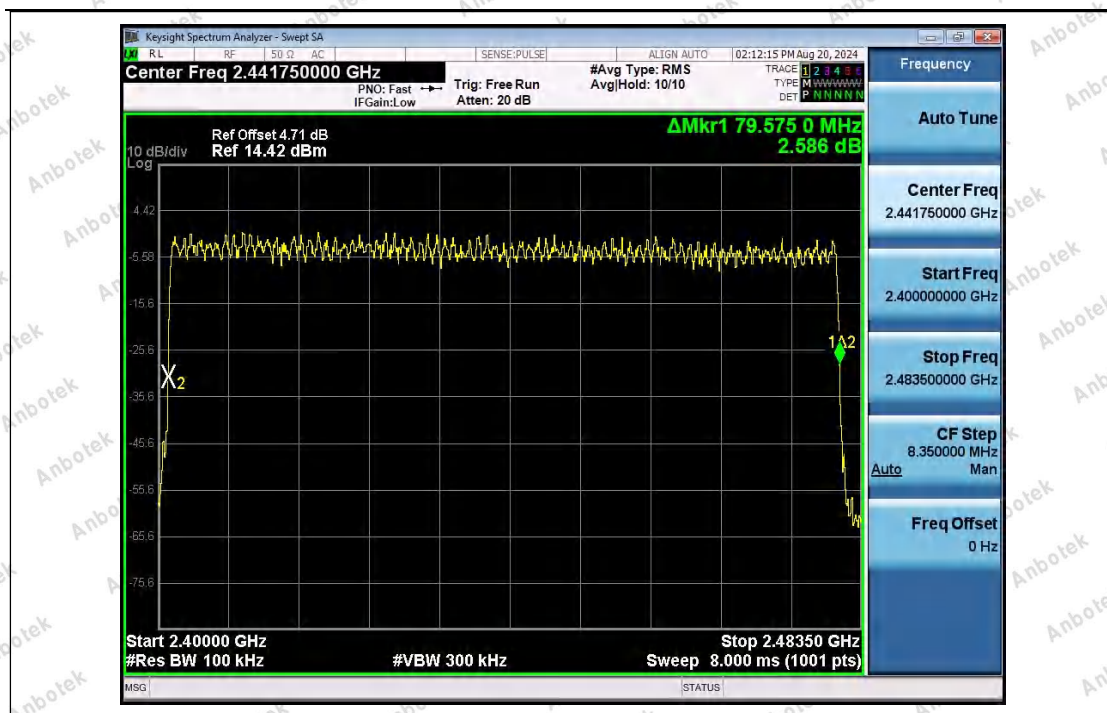
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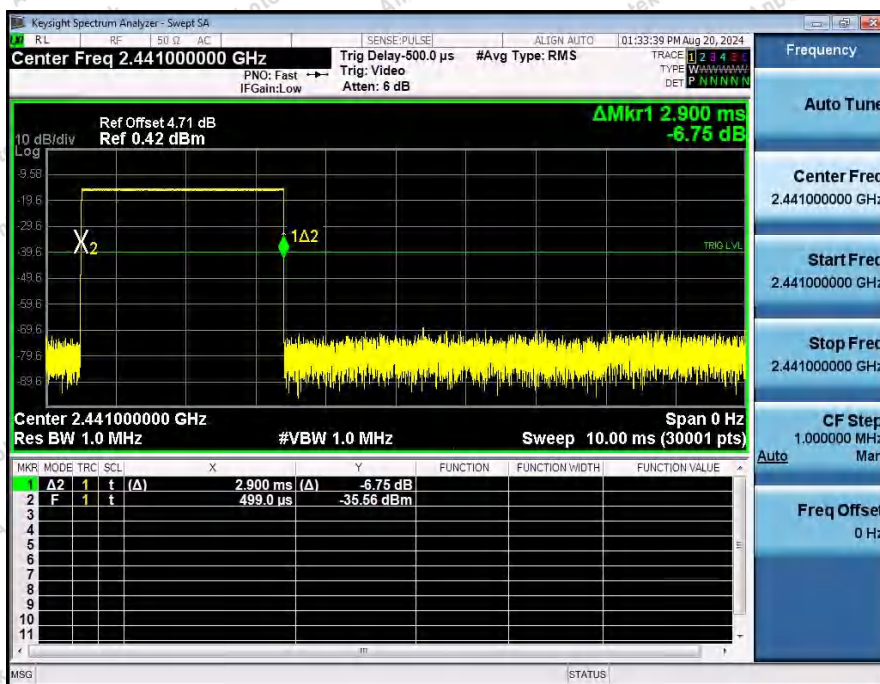


Appendix H: Dwell Time (Hopping)

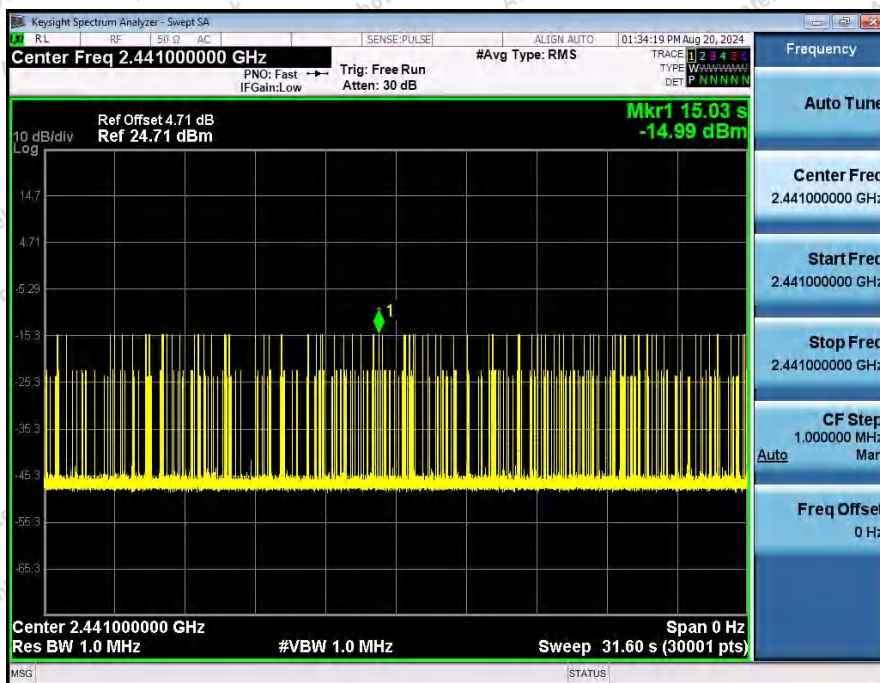
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.900	97.00	281.300	0.40	Pass
NVNT	ANT1	2-DH5	2.900	110.00	319.000	0.40	Pass
NVNT	ANT1	3-DH5	2.907	111.00	322.677	0.40	Pass
NVNT	ANT1	1-DH1	0.392	320.00	125.440	0.40	Pass
NVNT	ANT1	1-DH3	1.652	162.00	267.624	0.40	Pass
NVNT	ANT1	2-DH1	0.405	320.00	129.600	0.40	Pass
NVNT	ANT1	2-DH3	1.656	166.00	274.896	0.40	Pass
NVNT	ANT1	3-DH1	0.402	316.00	127.032	0.40	Pass
NVNT	ANT1	3-DH3	1.656	163.00	269.928	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

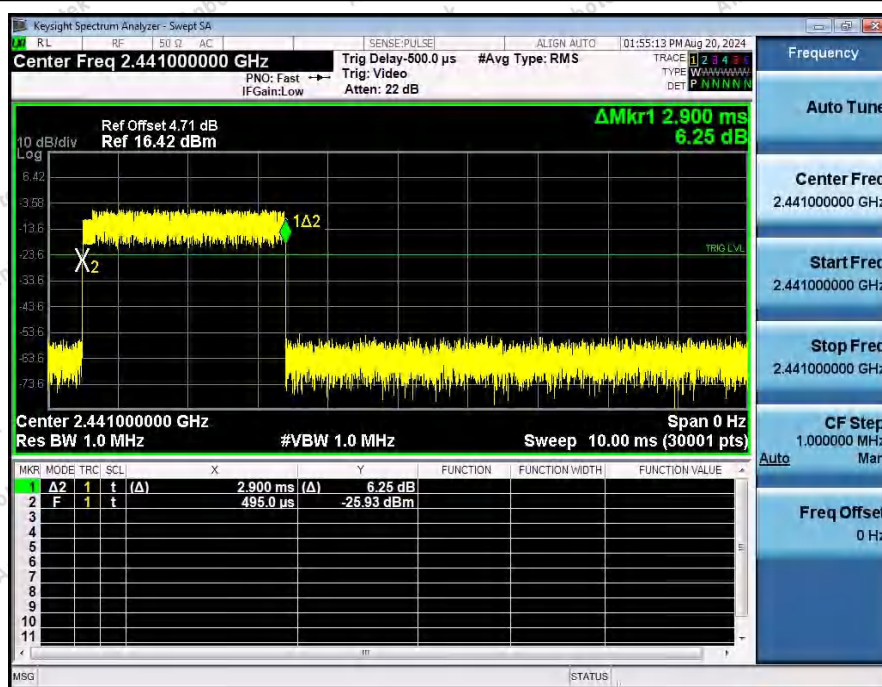
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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotech.com

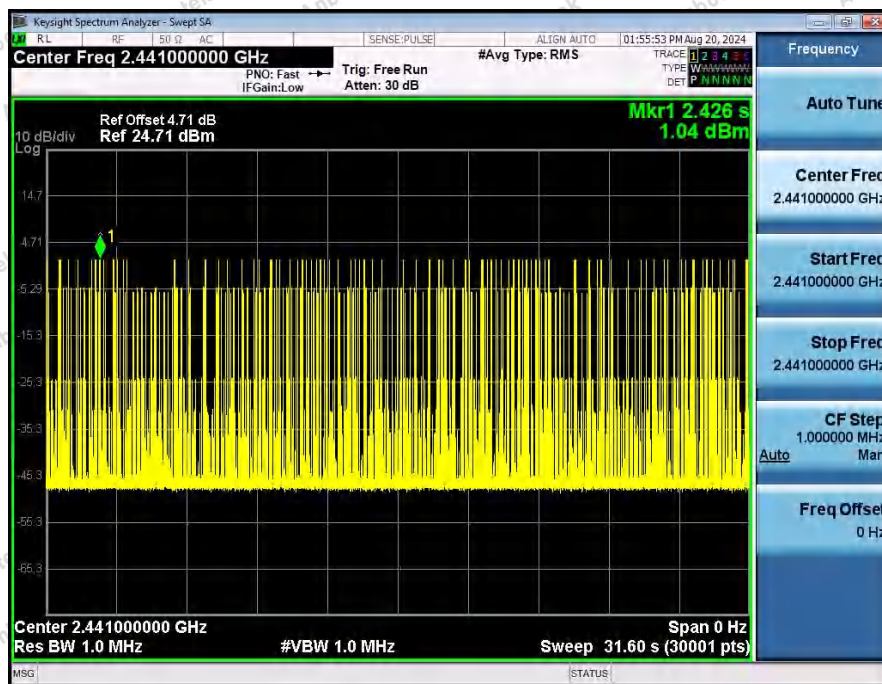


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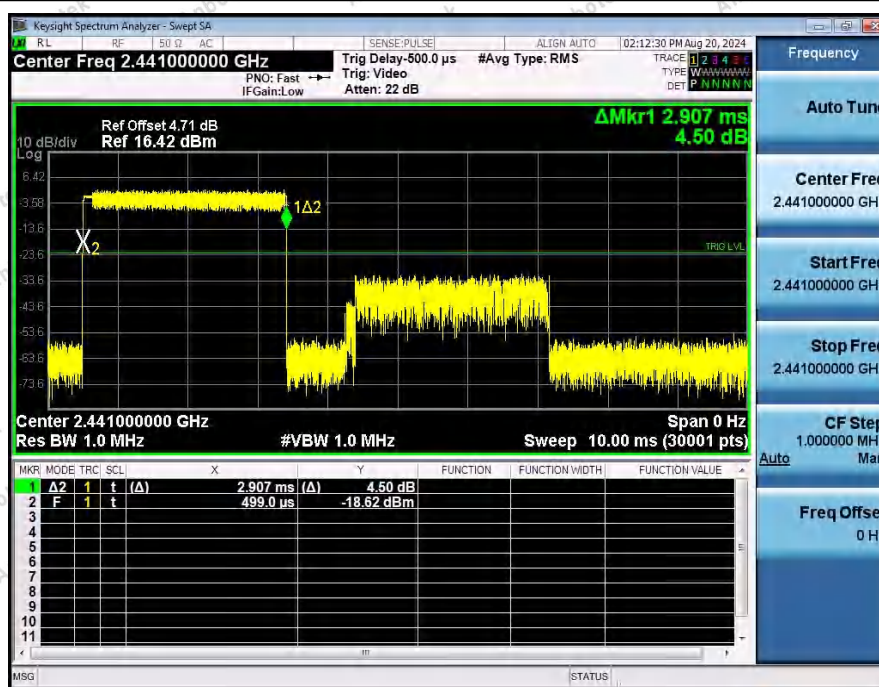


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated

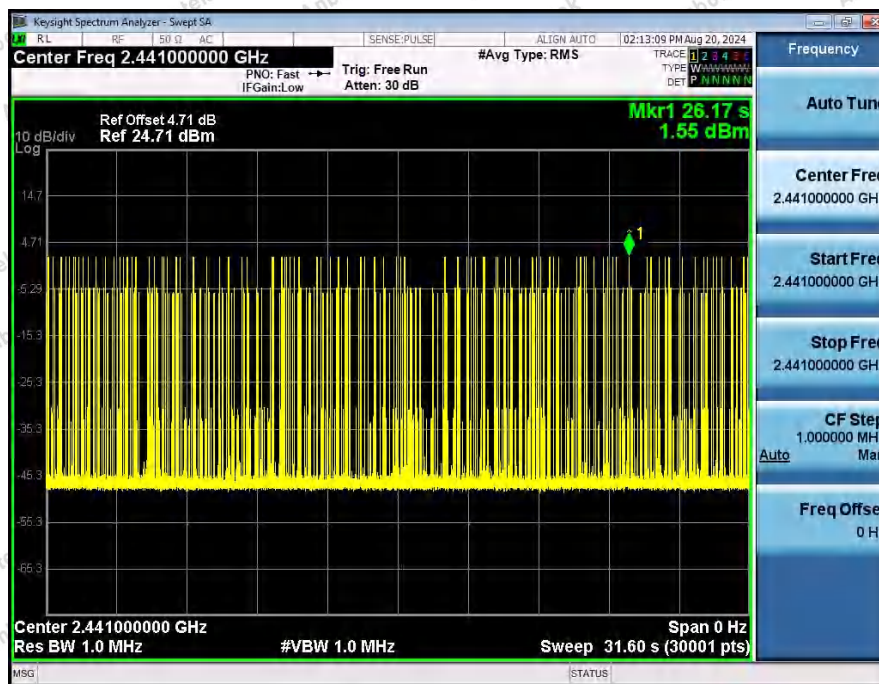


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_One_Burst_Time



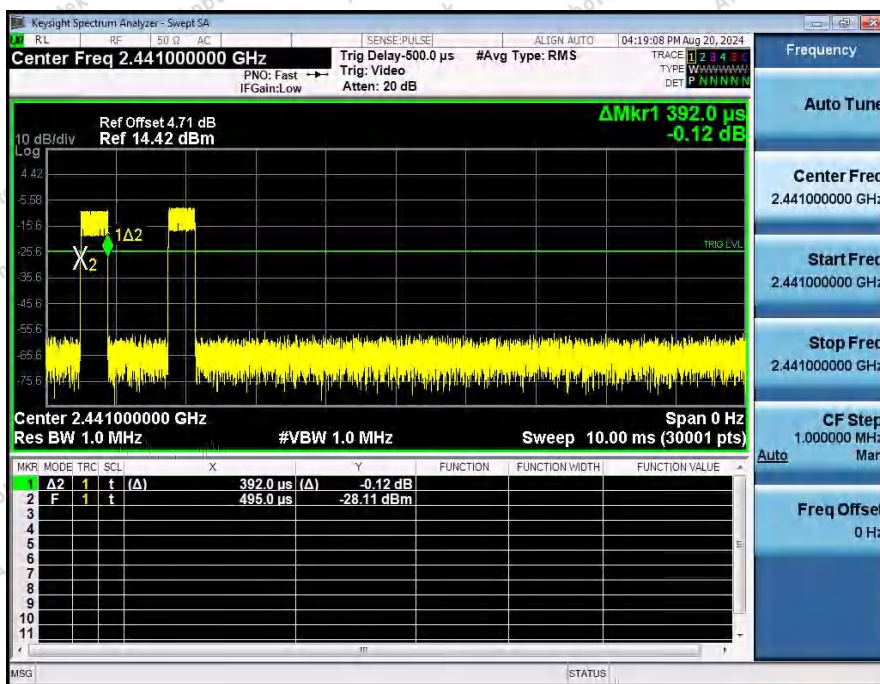


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_Accumulated

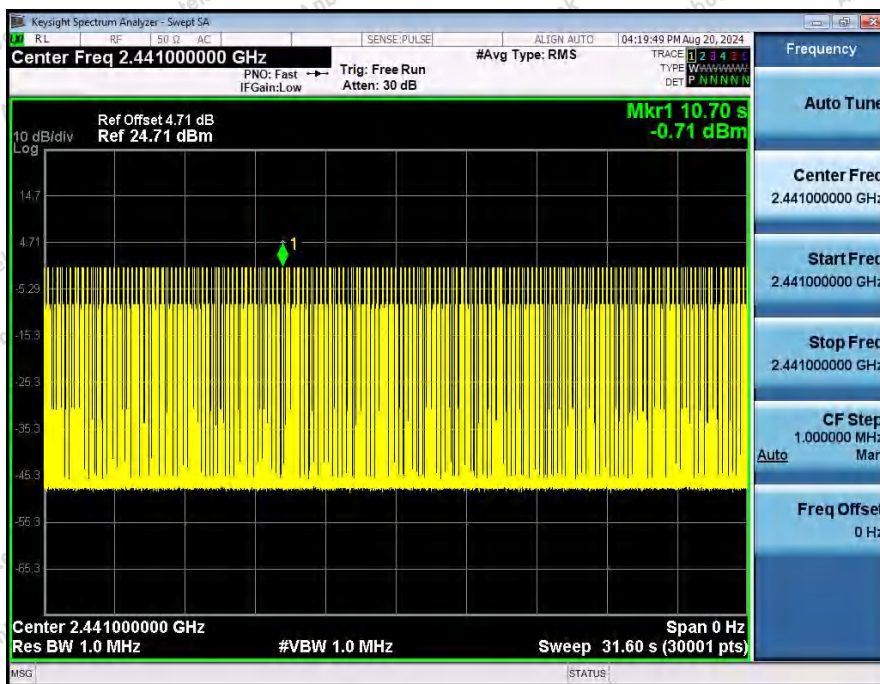


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_One_Burst_Time





Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time

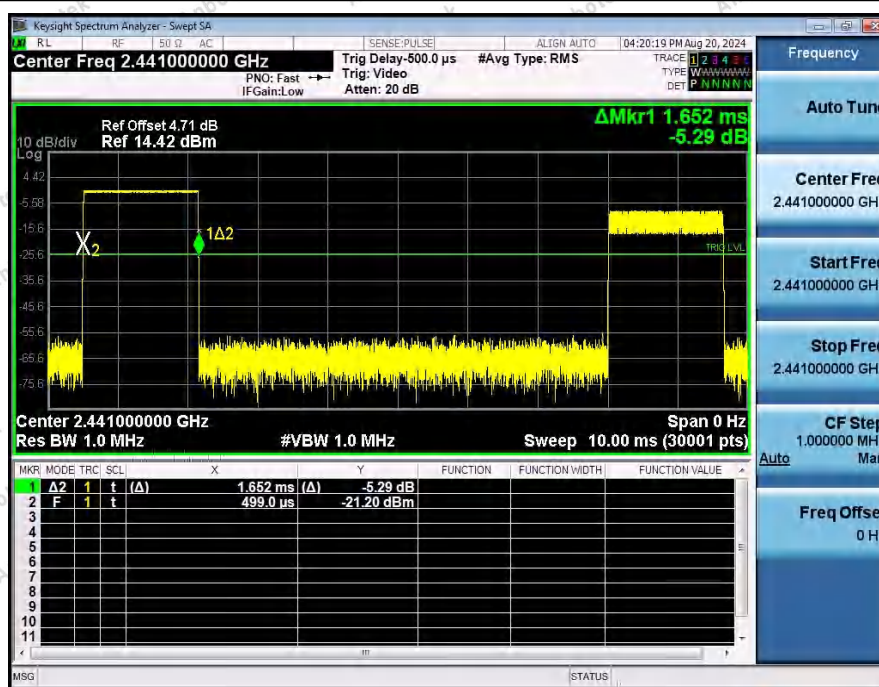
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Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotek.com

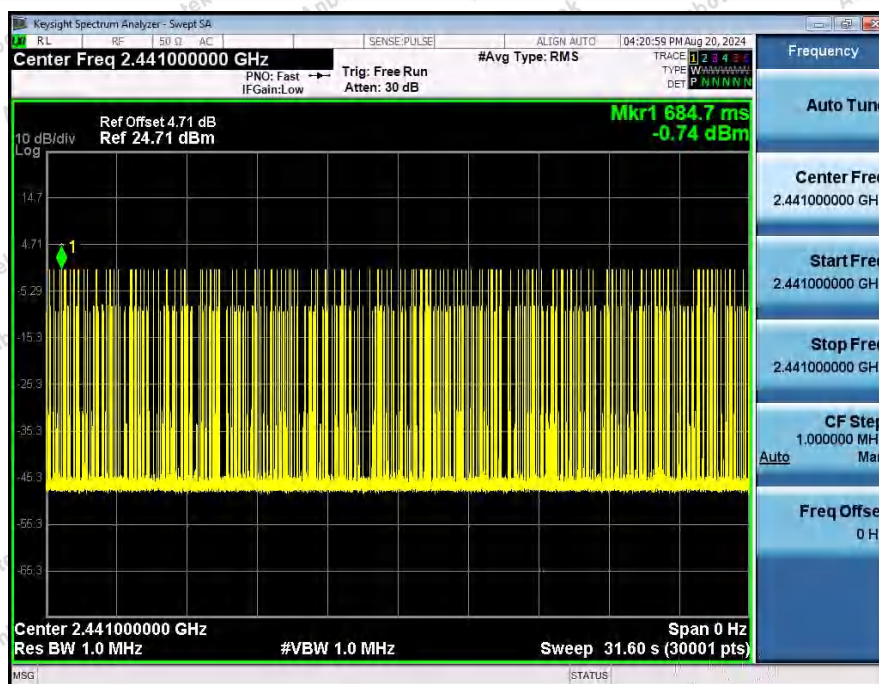


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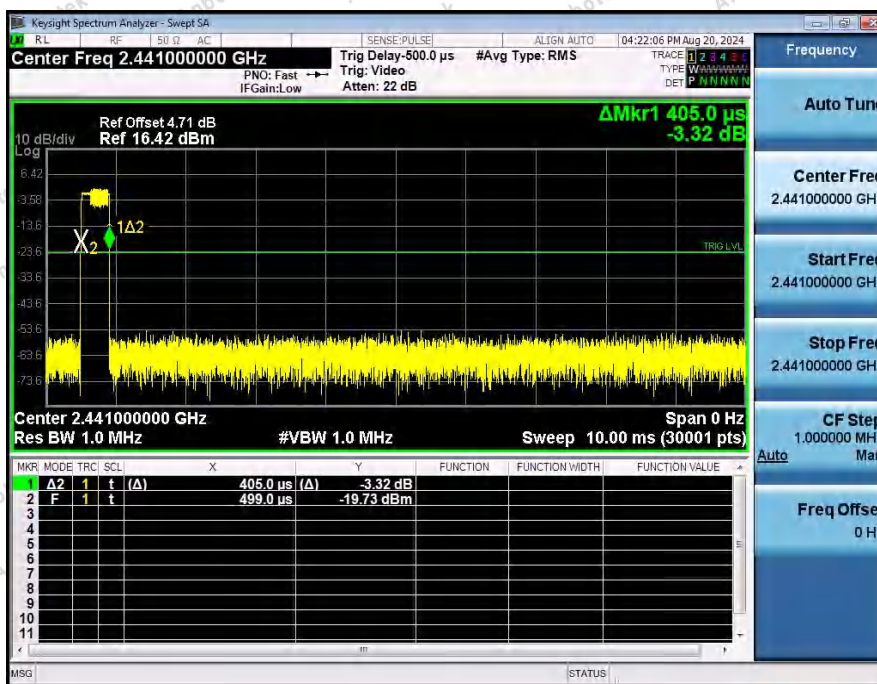


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_Accumulated

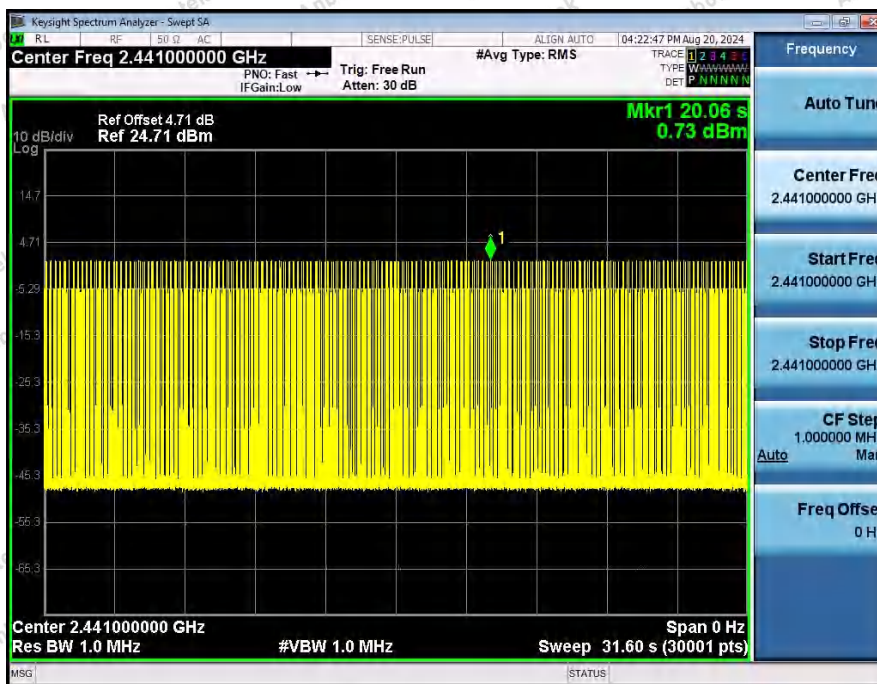


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_One_Burst_Time





Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_One_Burst_Time

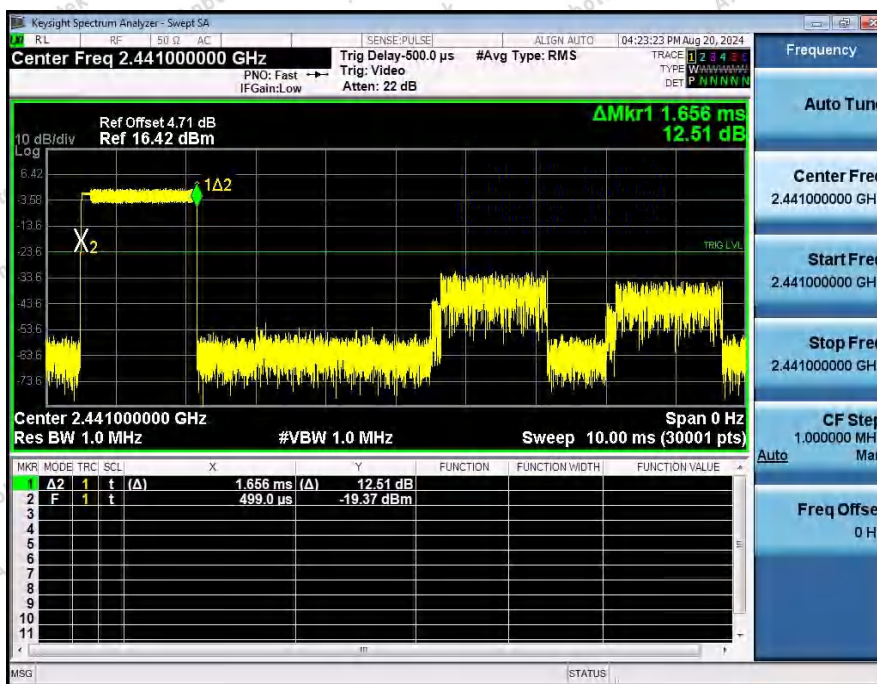
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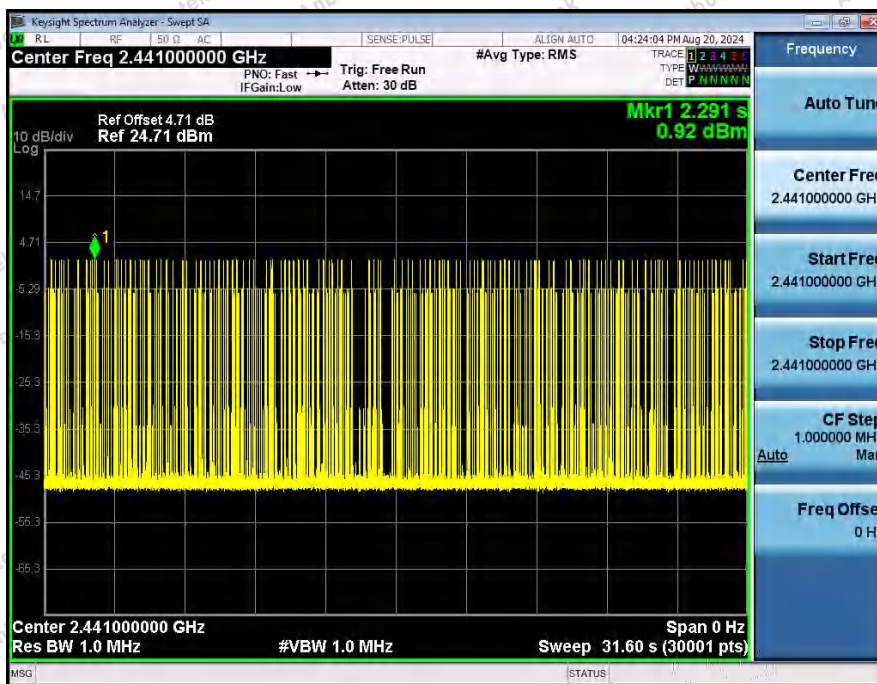


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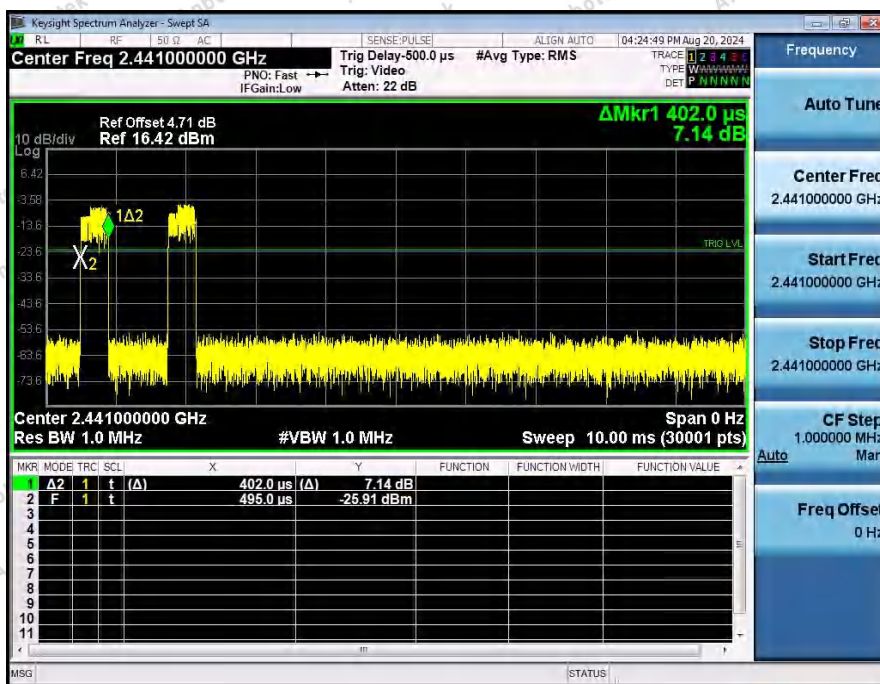


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_Accumulated

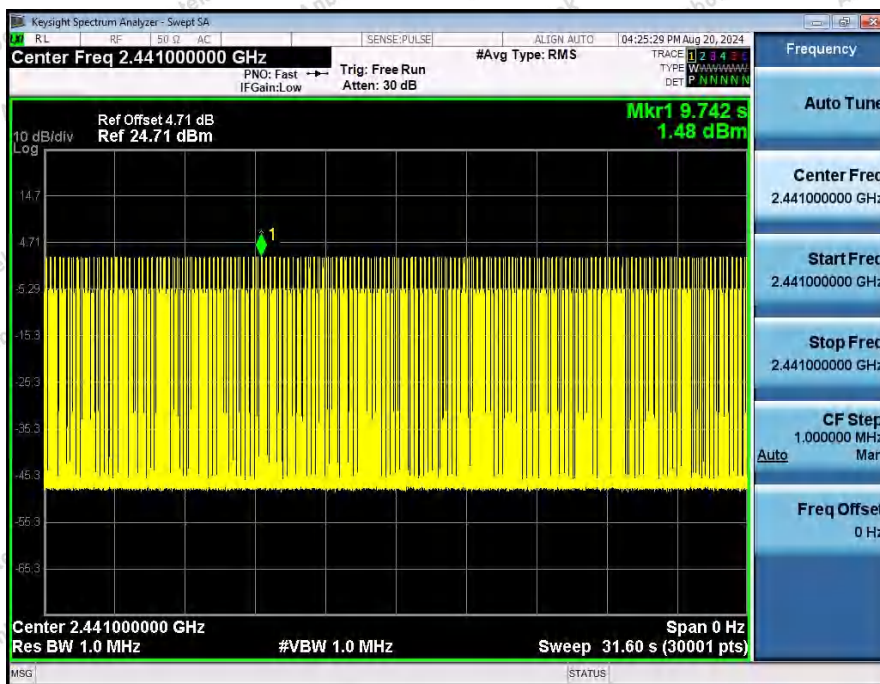


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_One_Burst_Time





Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_One_Burst_Time

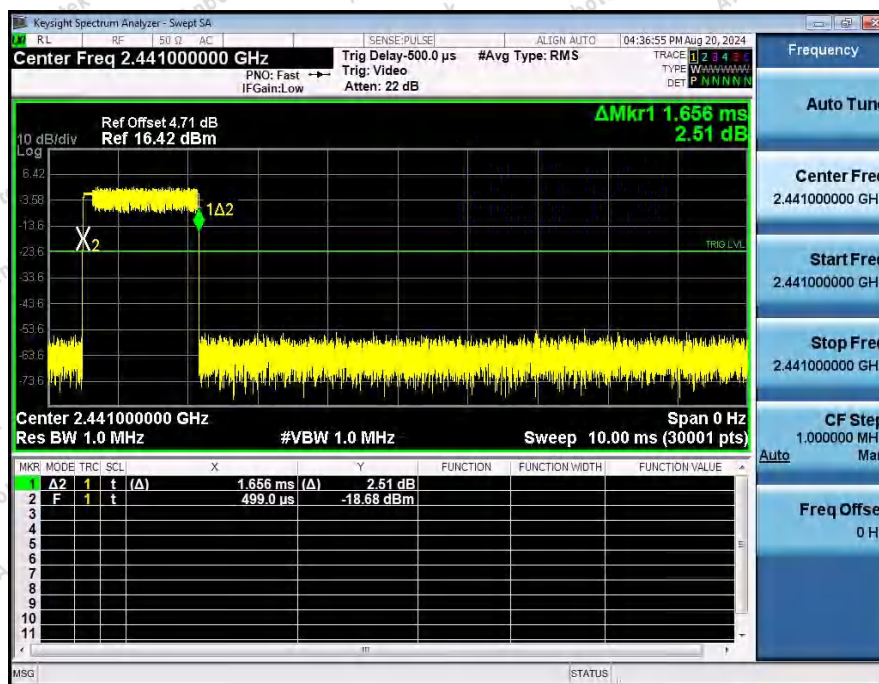
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Tel: (86) 0755-26066440 Email: service@anbotek.com

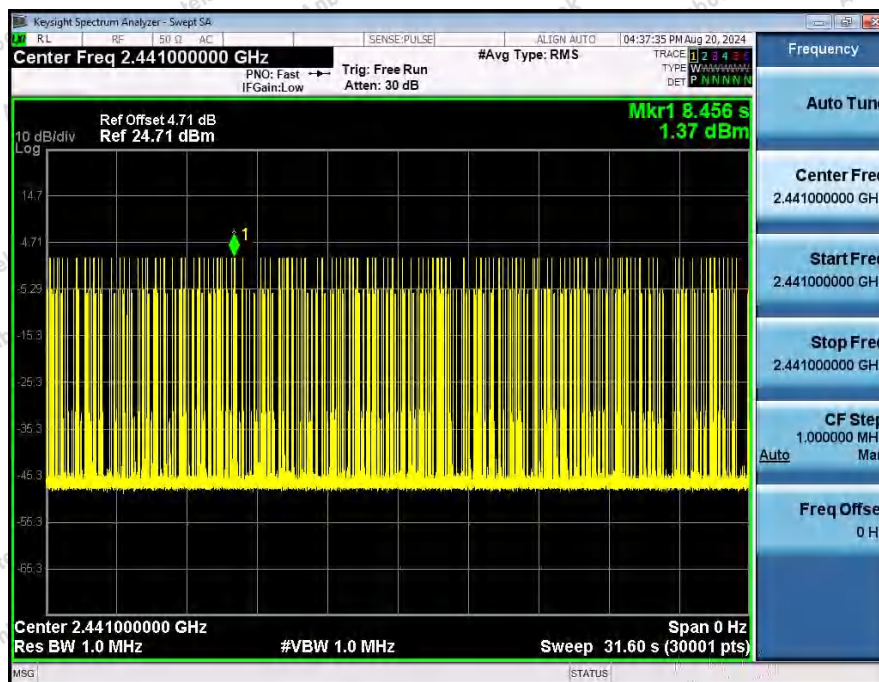


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Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_Accumulated



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