

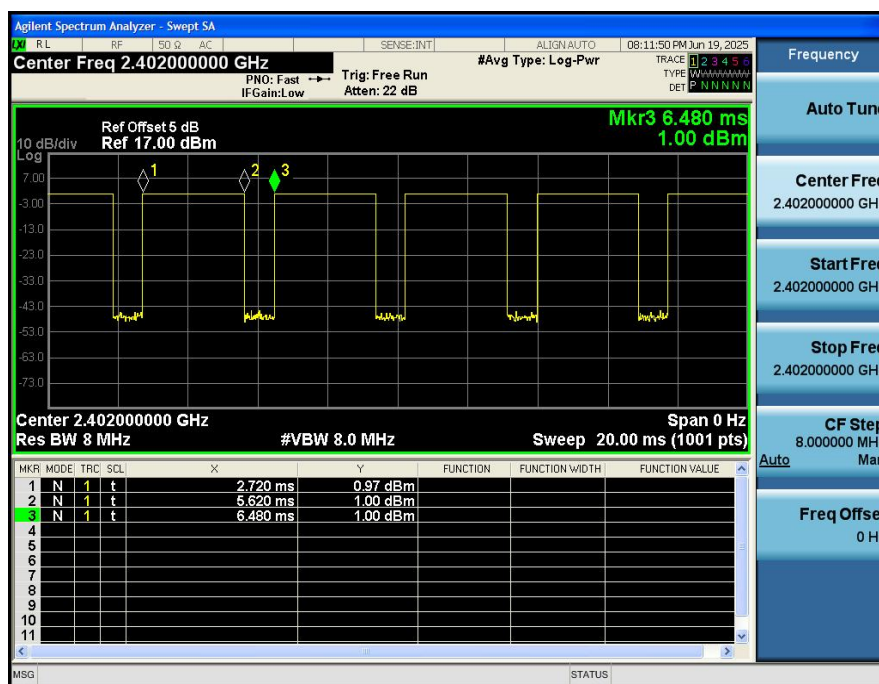
Appendix Test Data

Report No.:	1813C50279712501	Test Sample No.:	1-2-2
Start Test Date:	2025-06-19	Finish Test Date:	2025-08-18
Test Engineer:	<i>Liangfei Yang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.5°C	Relative Humidity:	45%
Pressure:	101kPa		

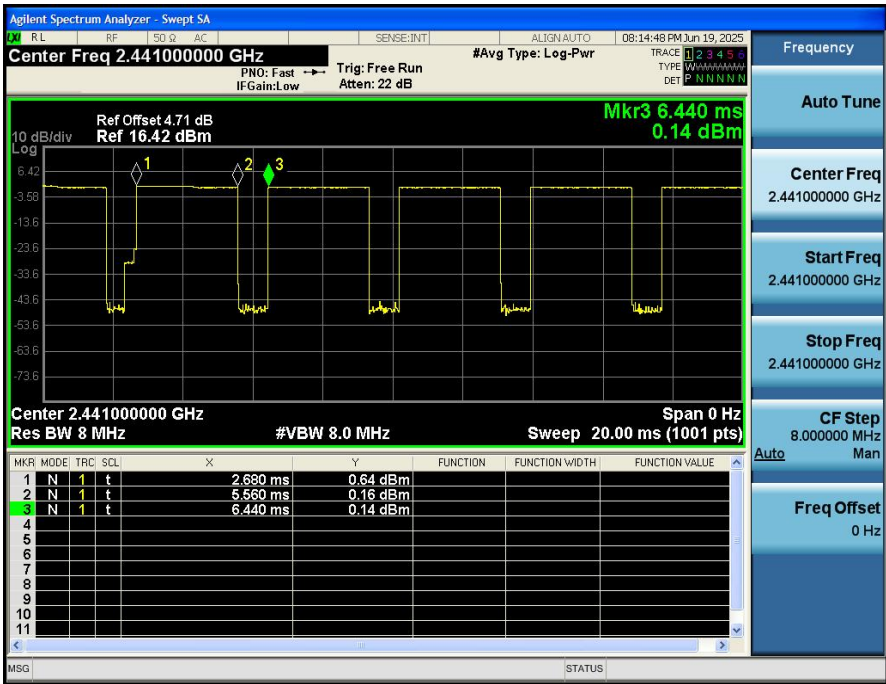
Appendix A: Duty Cycle

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	77.13	1.13

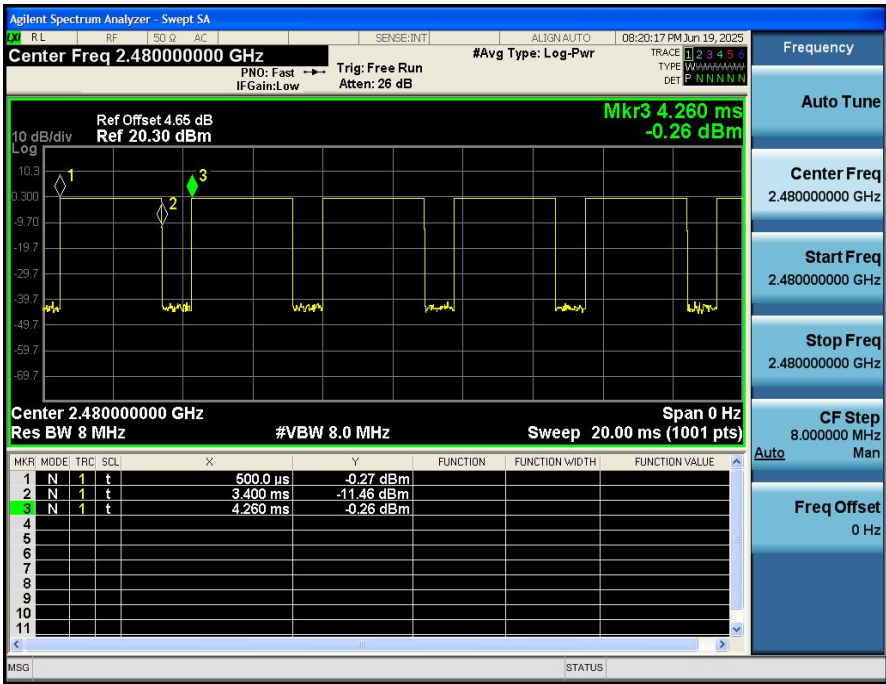
Duty_Cycle_NVNT_ANT1_1-DH5_2402



Duty_Cycle_NVNT_ANT1_1-DH5_2441

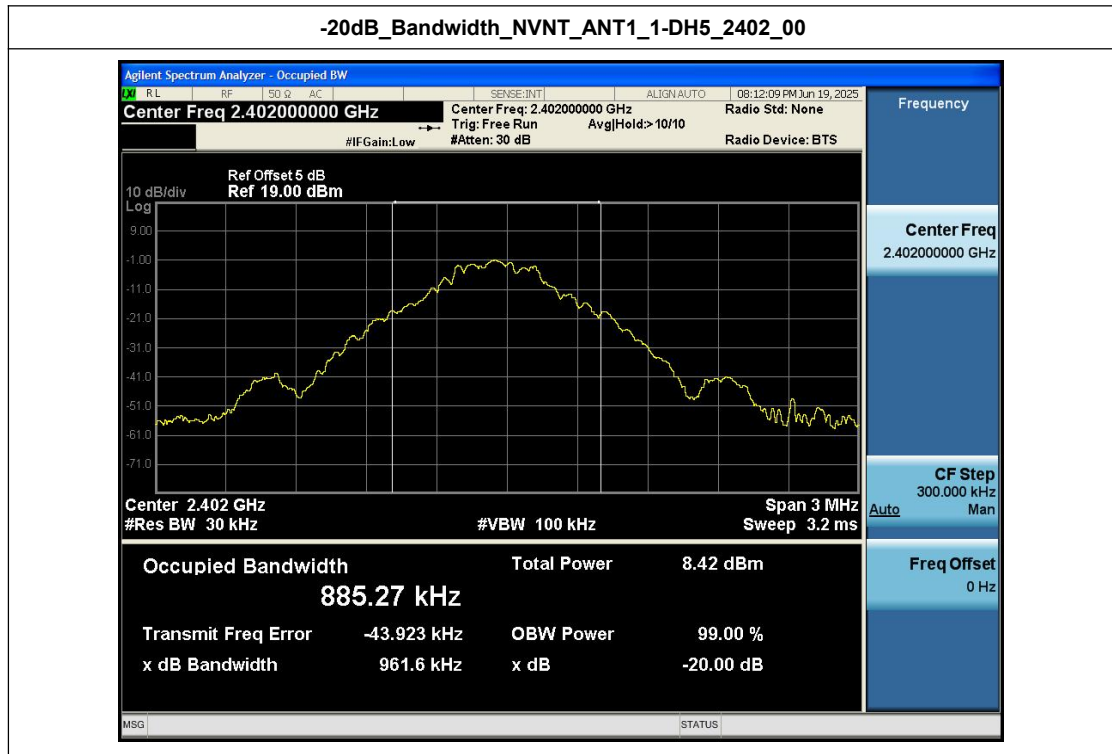


Duty_Cycle_NVNT_ANT1_1-DH5_2480



Appendix B: -20dB Bandwidth

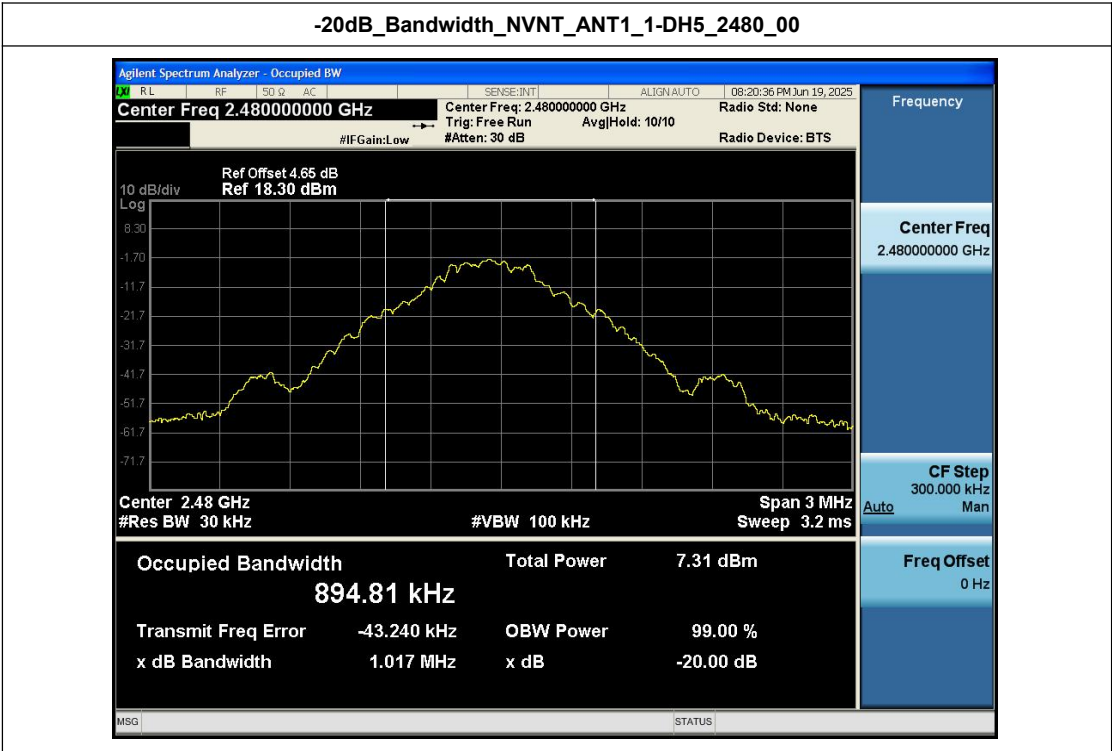
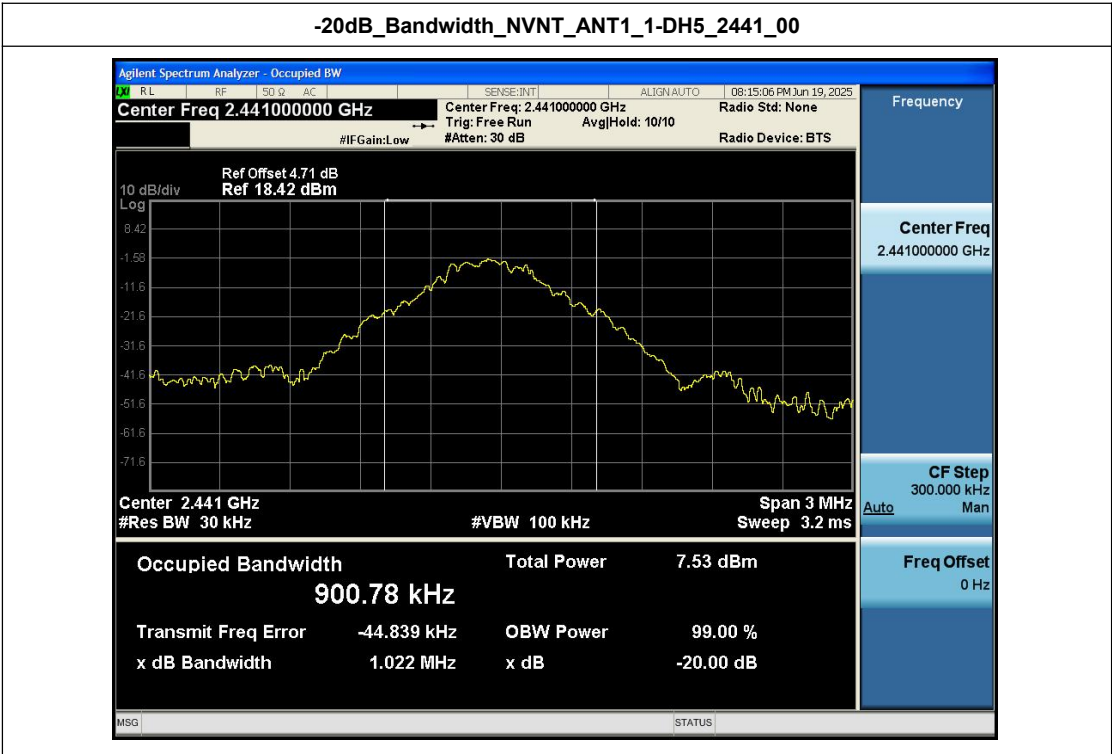
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	0.962	No
NVNT	ANT1	1-DH5	2441.00	1.022	Yes
NVNT	ANT1	1-DH5	2480.00	1.017	Yes



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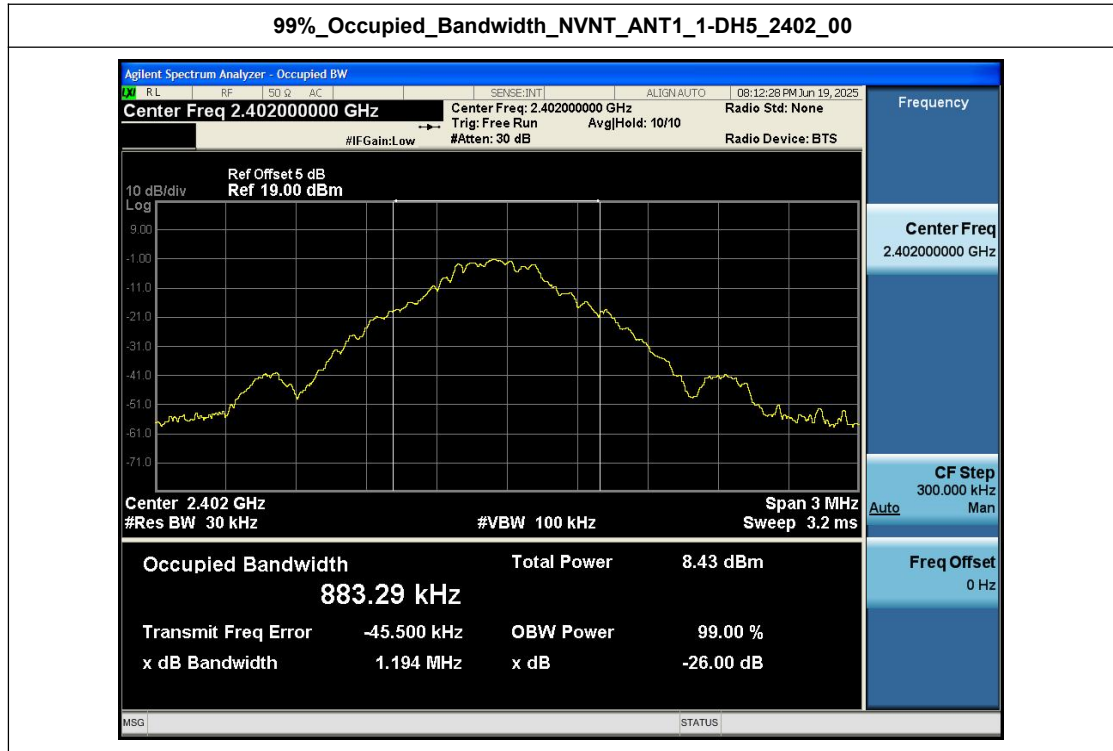
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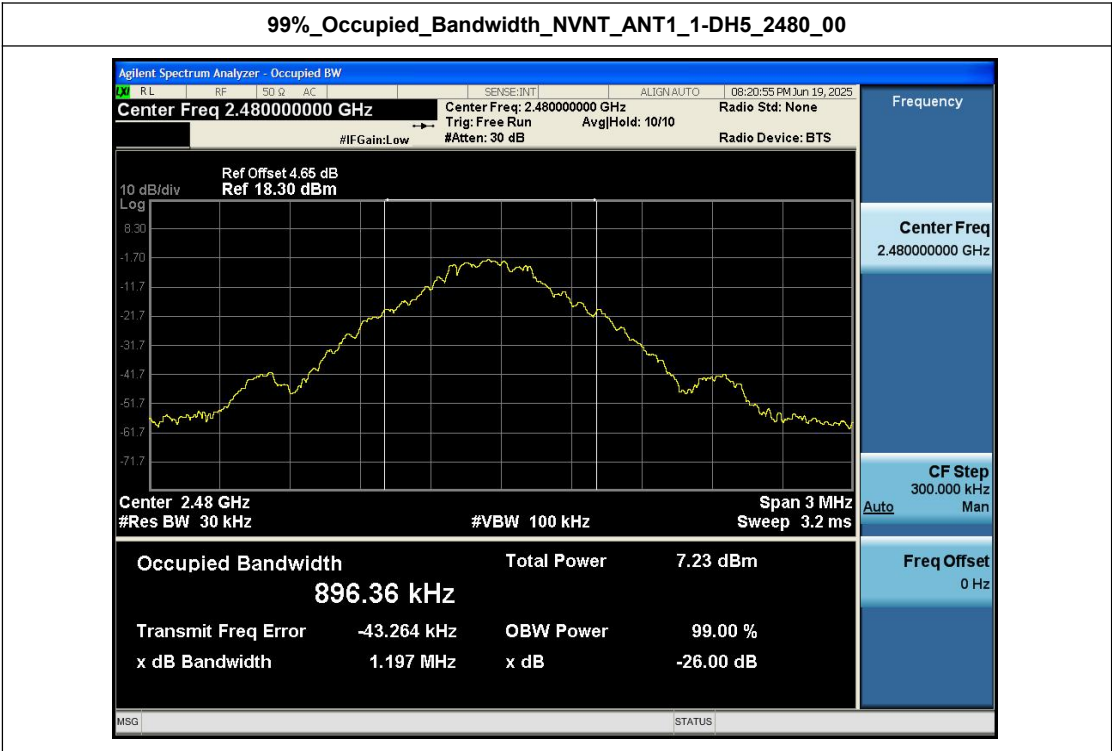
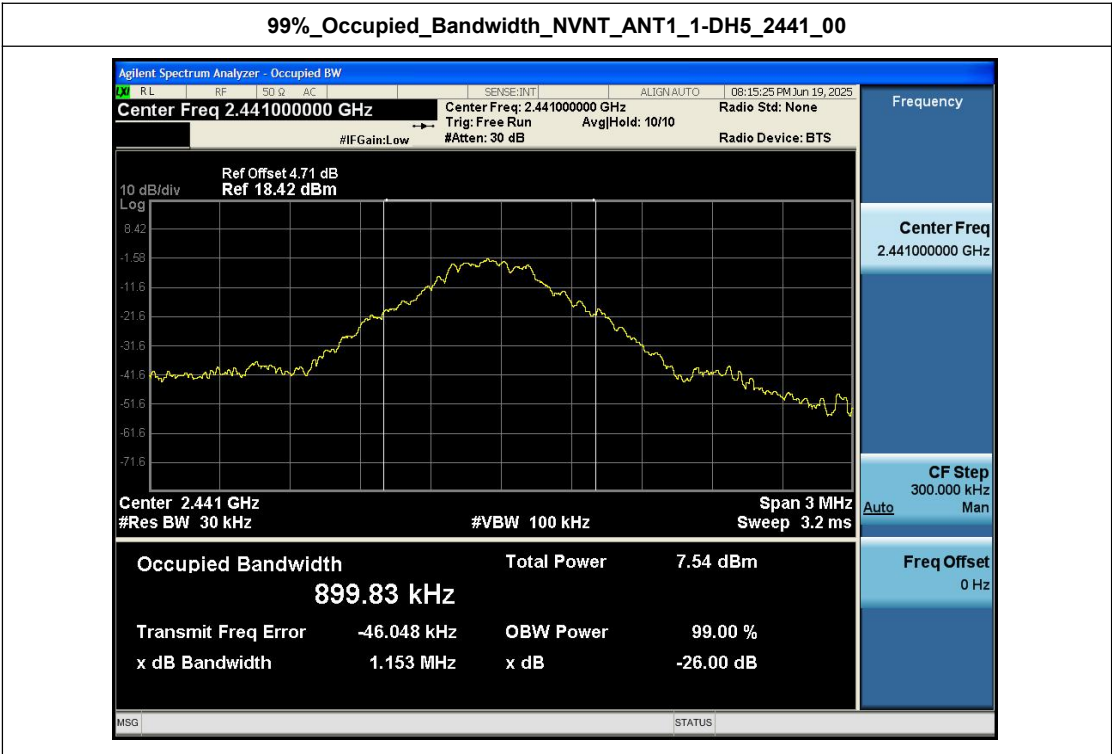
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Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.883
NVNT	ANT1	1-DH5	2441.00	0.900
NVNT	ANT1	1-DH5	2480.00	0.896





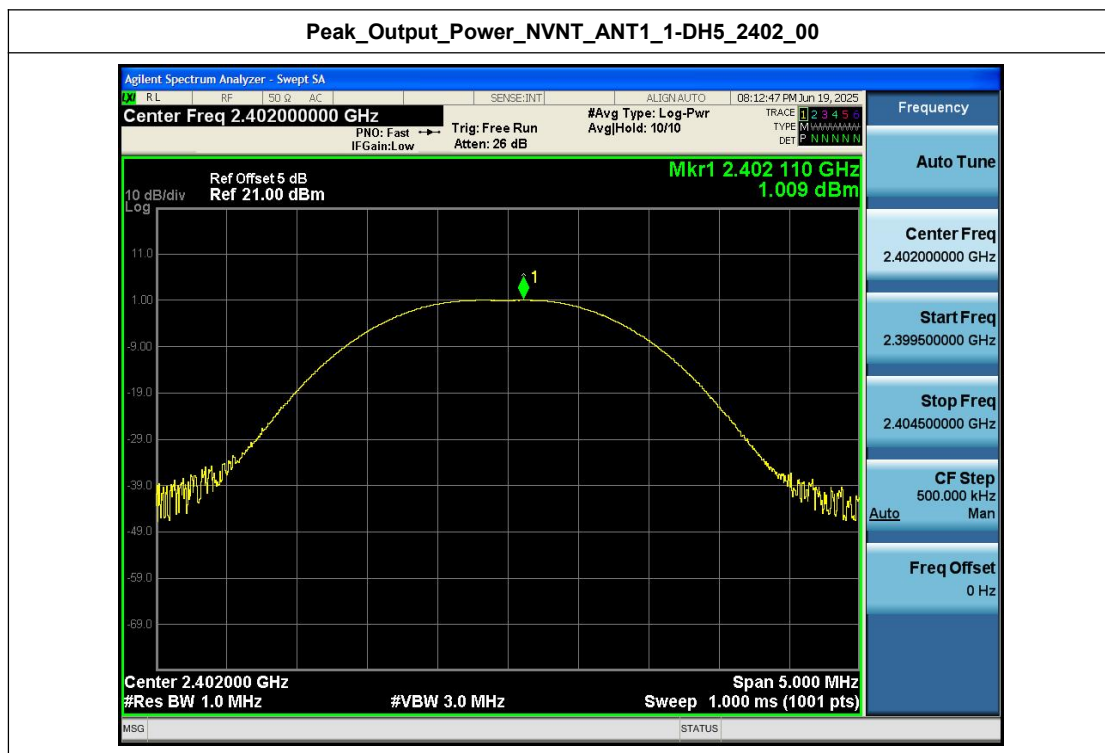
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Appendix D: Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	1.01	1.26	125	Pass
NVNT	ANT1	1-DH5	2441.00	0.63	1.16	125	Pass
NVNT	ANT1	1-DH5	2480.00	-0.17	0.96	125	Pass



Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00



Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00



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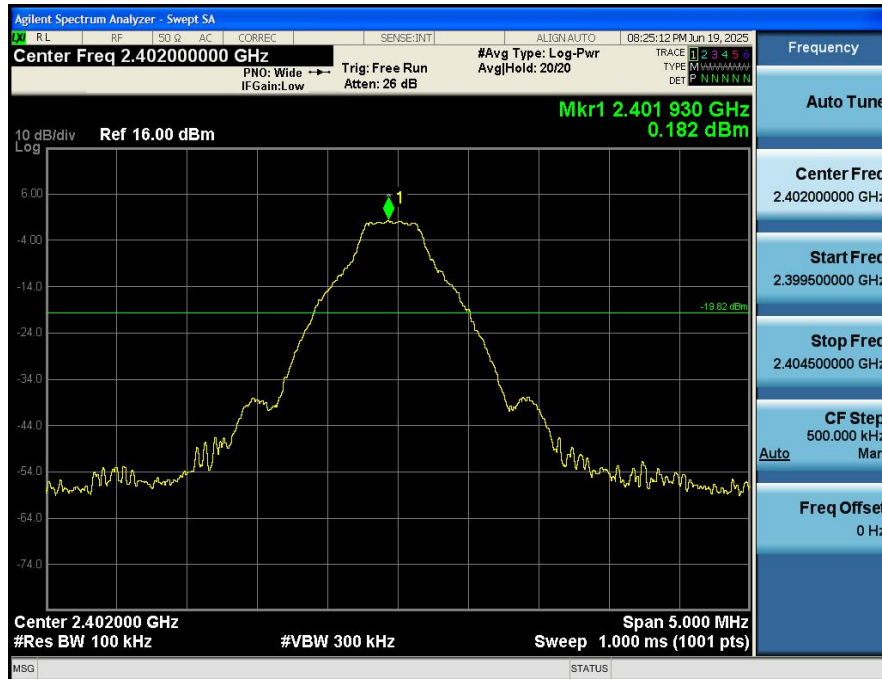
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Appendix E: Spurious Emissions

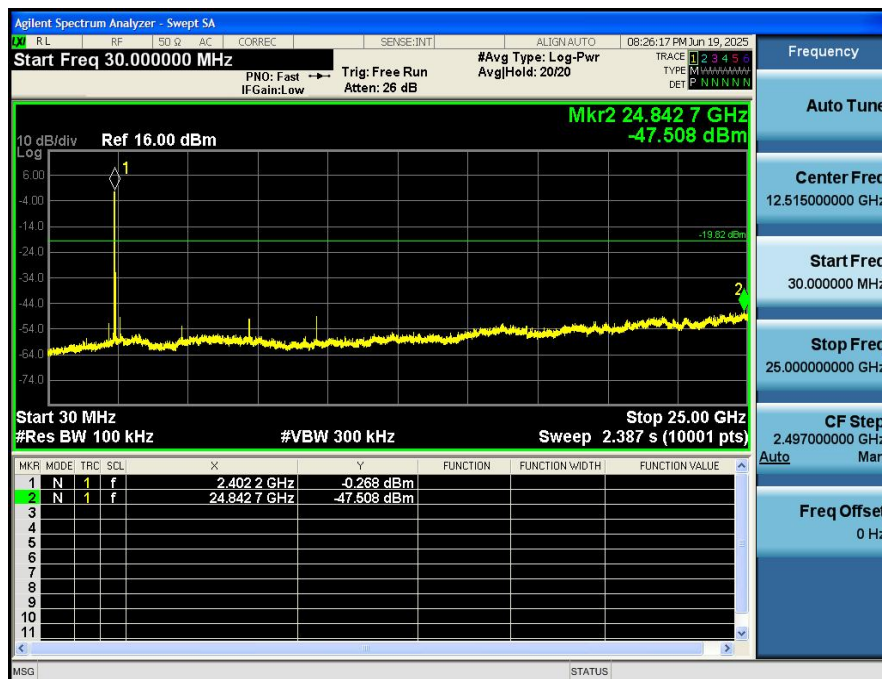
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	0.182	-47.508	-19.818	Pass
NVNT	ANT1	1-DH5	2441.00	-0.227	-44.675	-20.227	Pass
NVNT	ANT1	1-DH5	2480.00	-0.489	-44.620	-20.489	Pass

Note: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



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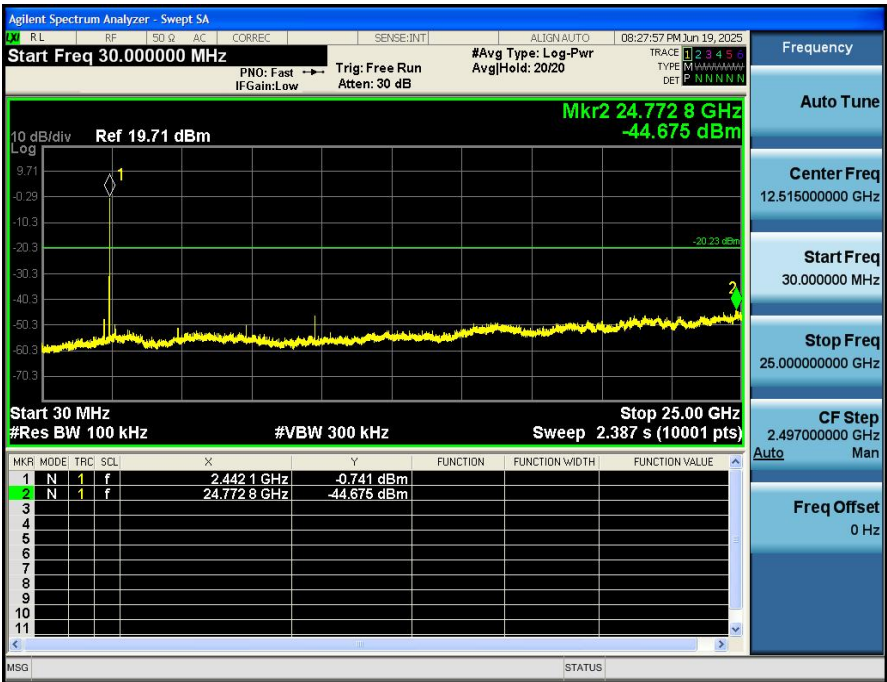
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1_Reference_Level_NVNT_ANT1_1-DH5_2441_00



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



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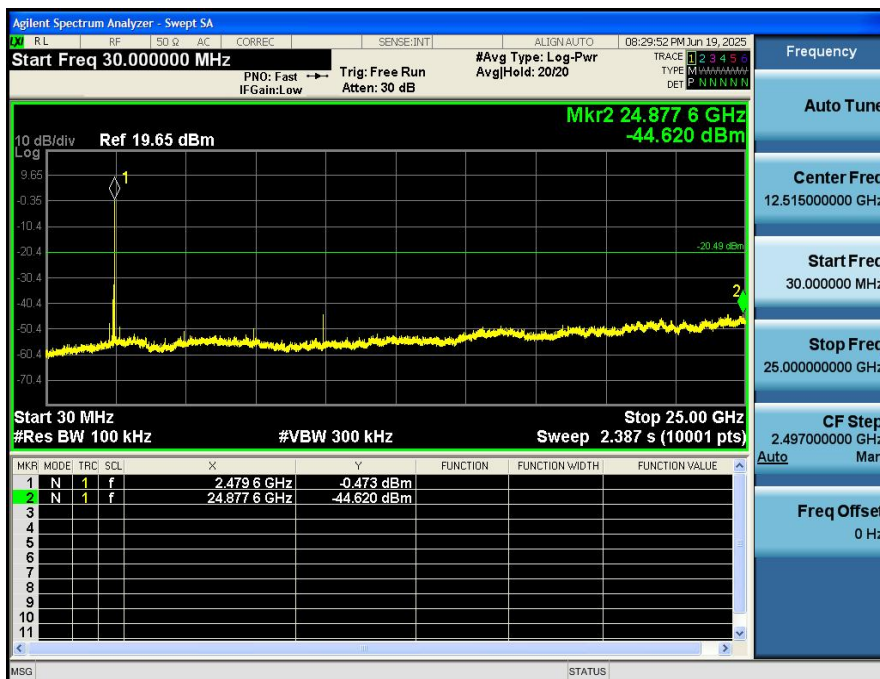
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1_Reference_Level_NVNT_ANT1_1-DH5_2480_00



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00



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Appendix F: Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402	0.874	-46.604	-19.126	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	0.661	-57.008	-19.339	Pass
NVNT	ANT1	1-DH5	2480.00	-0.419	-58.815	-20.419	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-2.712	-60.853	-22.712	Pass

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00



2_Bandedge_NVNT_ANT1_1-DH5_2402_00

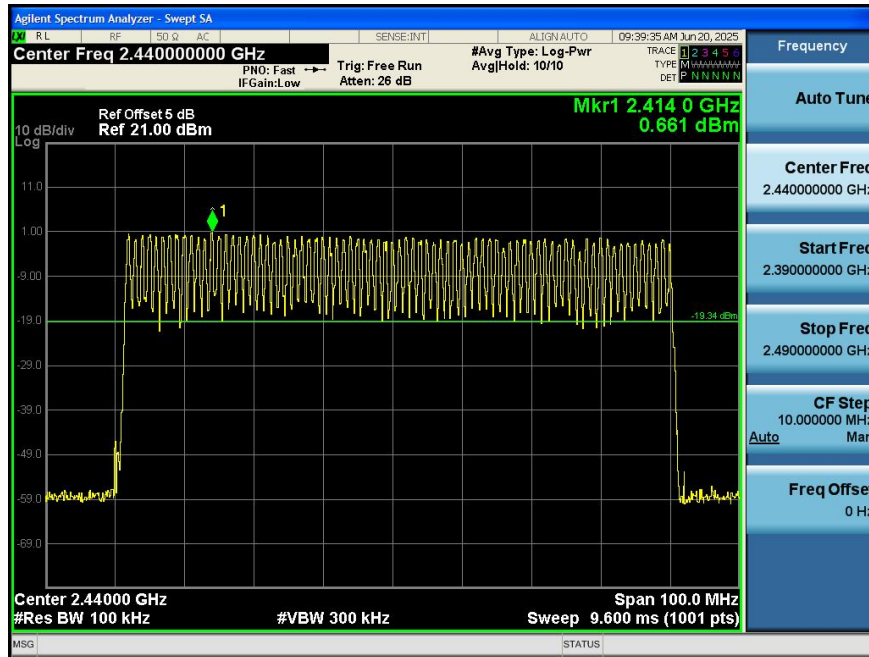


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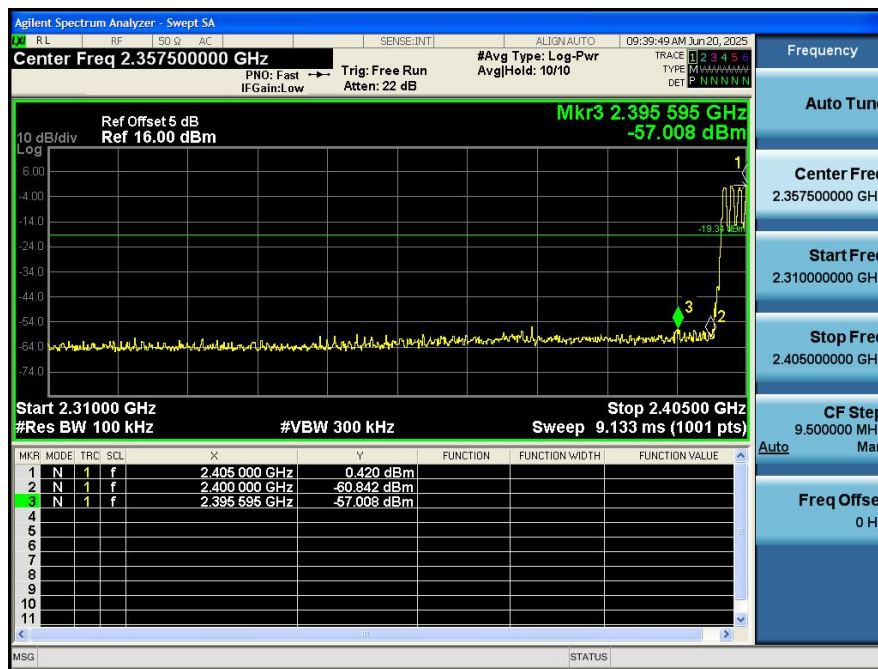
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1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



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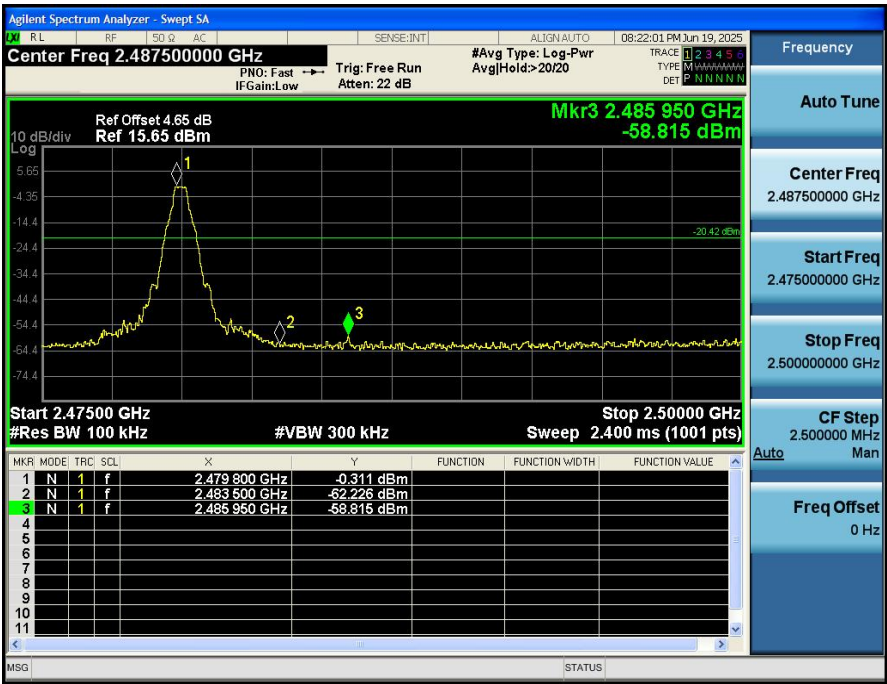
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1_Reference_Level_NVNT_ANT1_1-DH5_2480_00



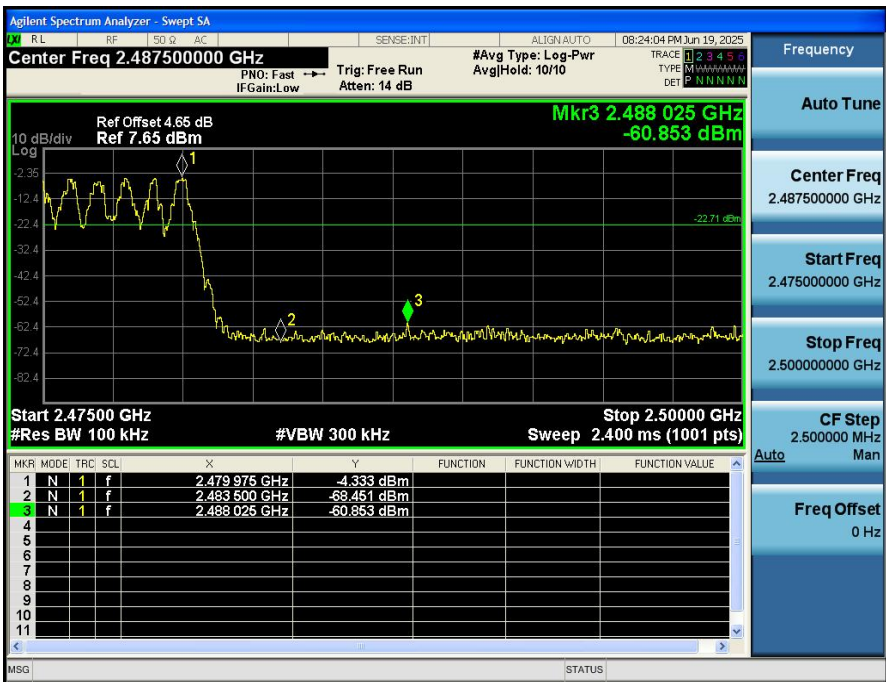
2_Bandedge_NVNT_ANT1_1-DH5_2480_00



1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



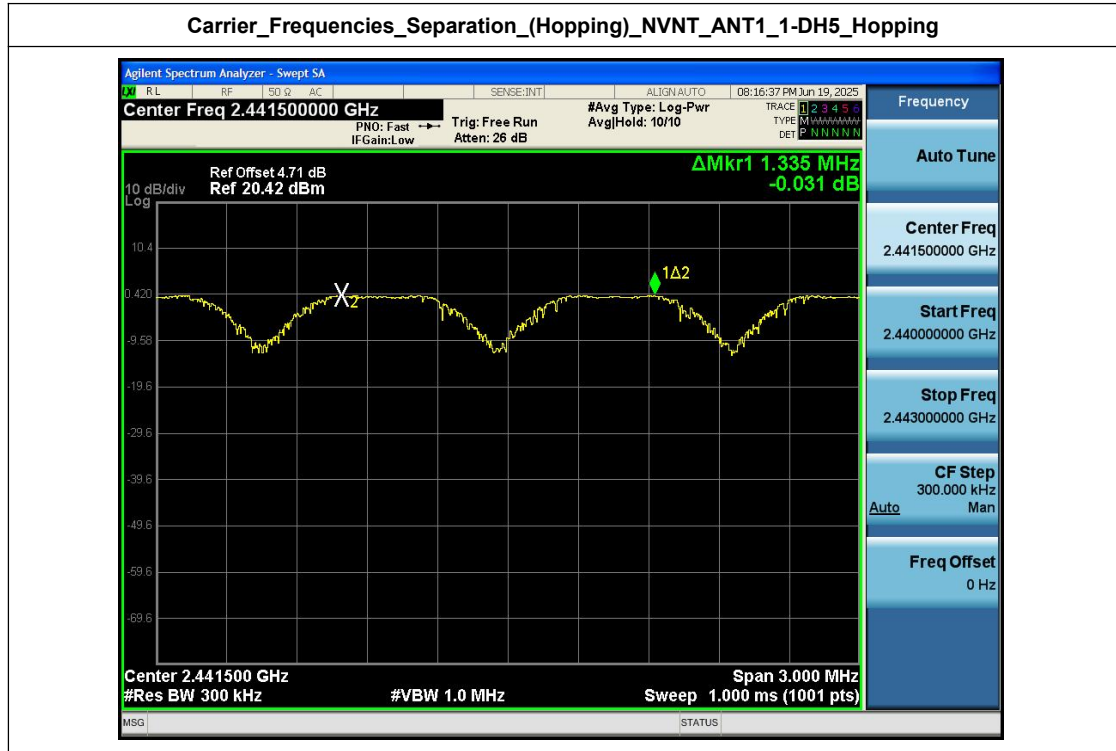
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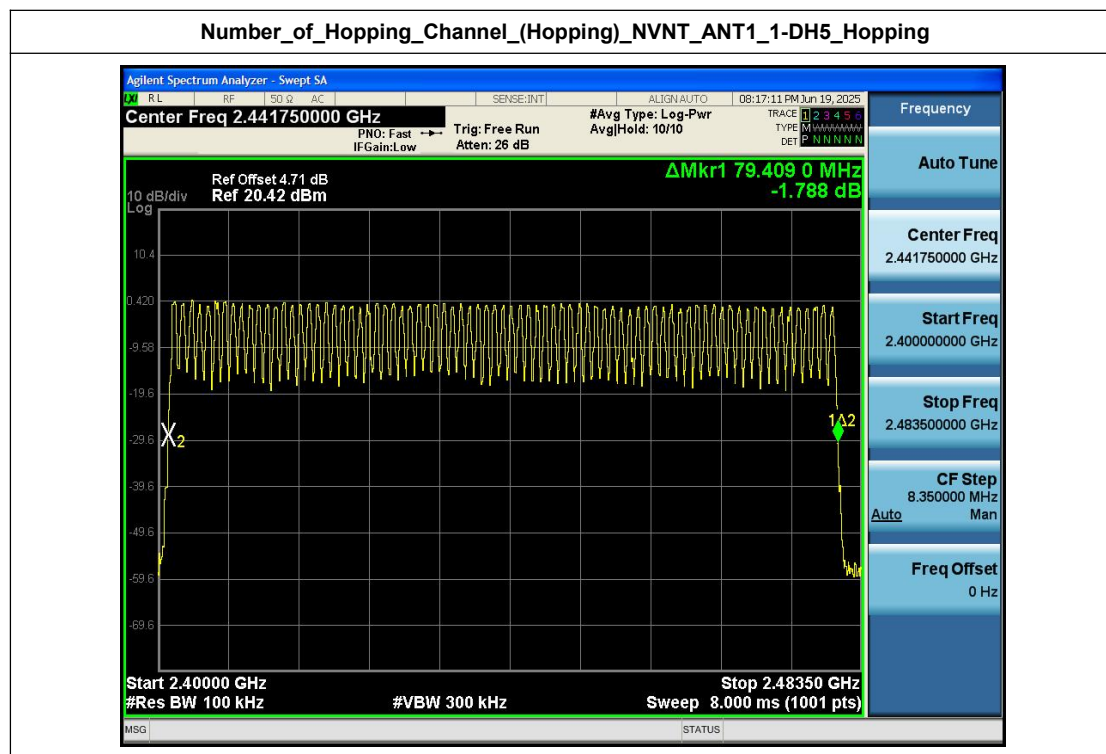
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Appendix G: Carrier Frequencies Separation (Hopping)

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	2440.789	2442.124	1.33	0.681	Pass



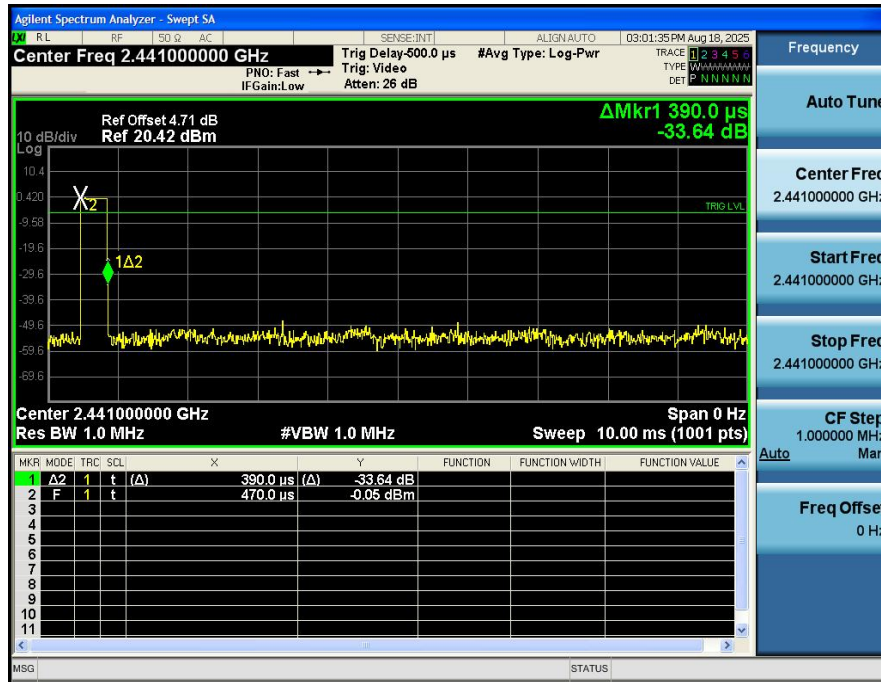
Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	15	Pass



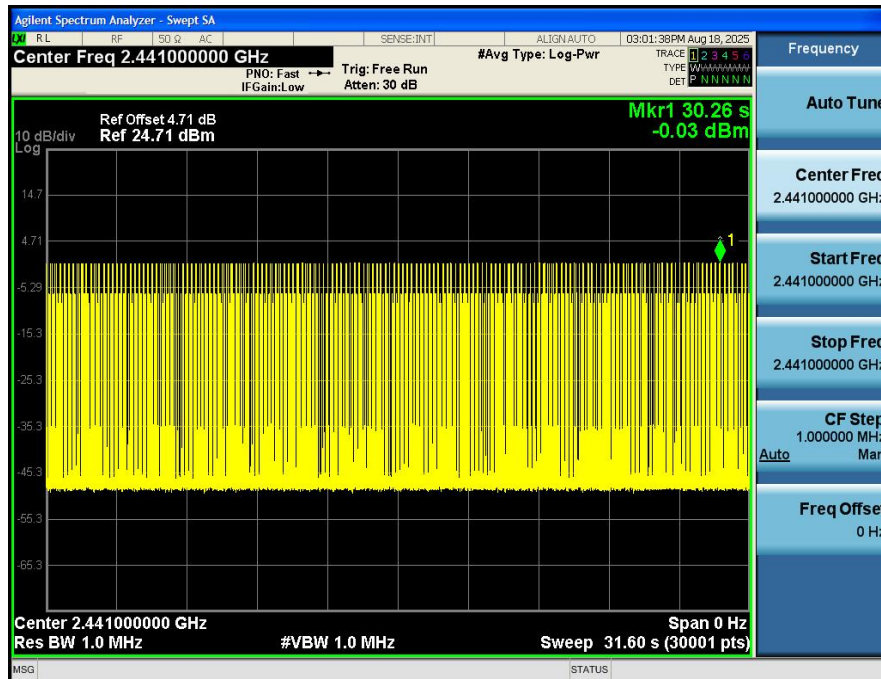
Appendix I: Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	321.00	125.190	0.40	Pass
NVNT	ANT1	1-DH3	1.650	164.00	270.600	0.40	Pass
NVNT	ANT1	1-DH5	2.900	101.00	292.900	0.40	Pass

Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_Accumulated

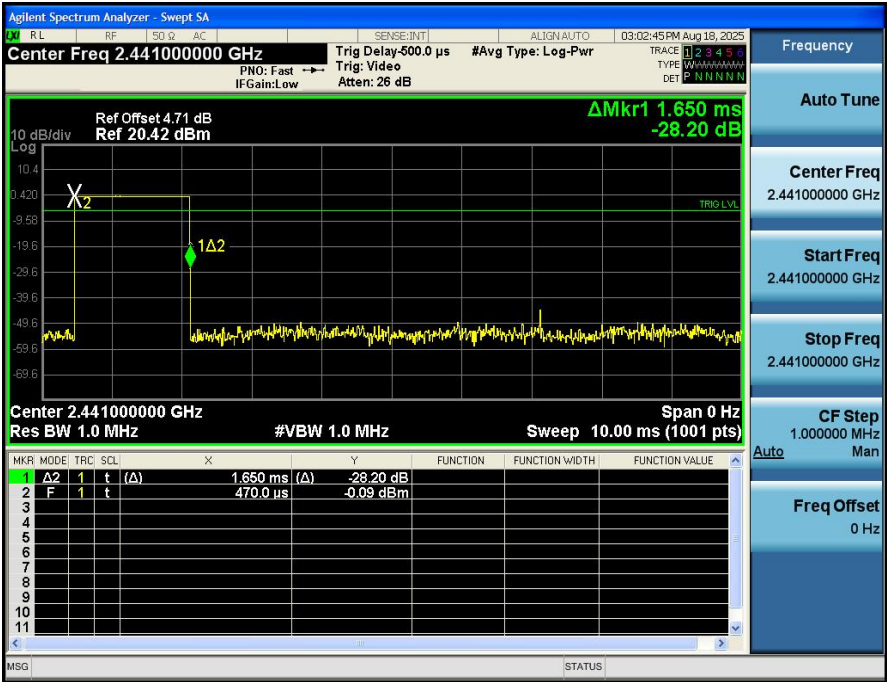


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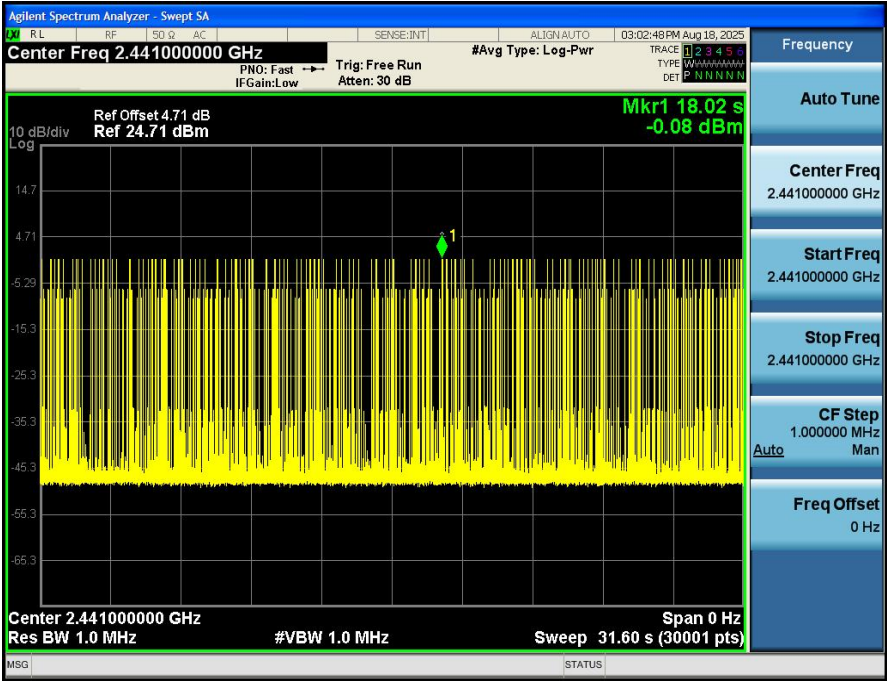
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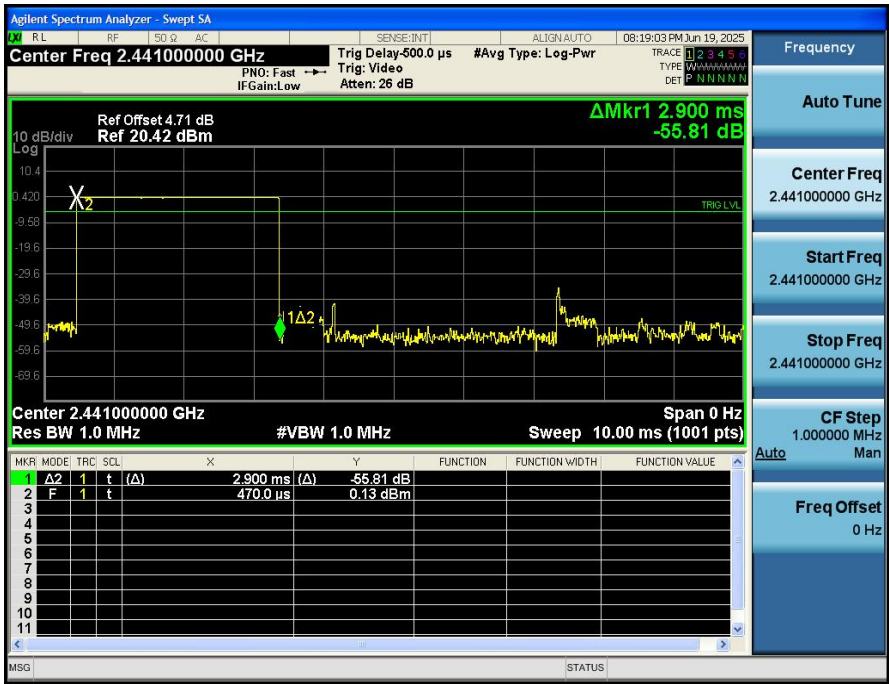
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time



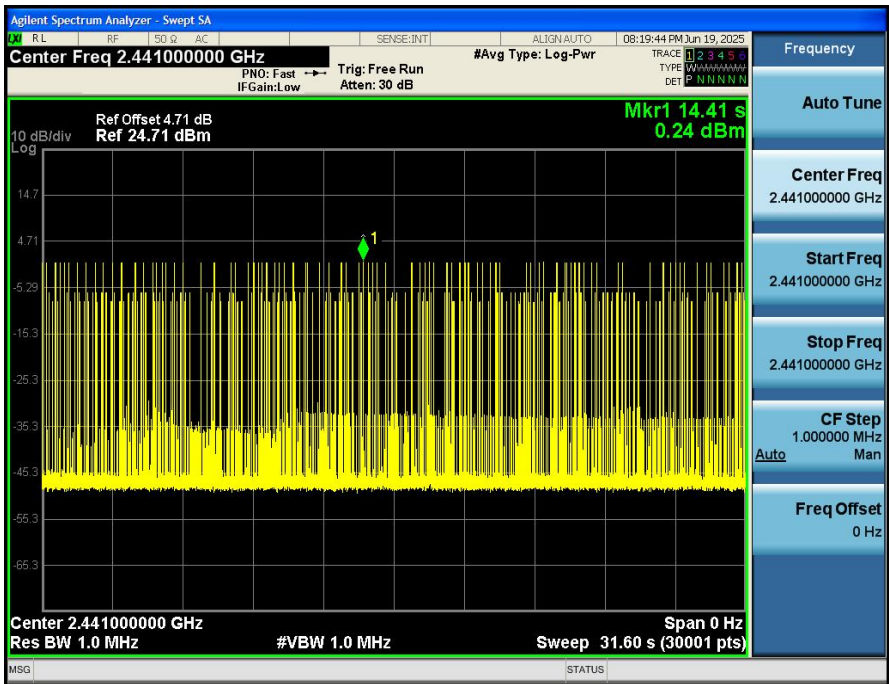
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_Accumulated



---END---