

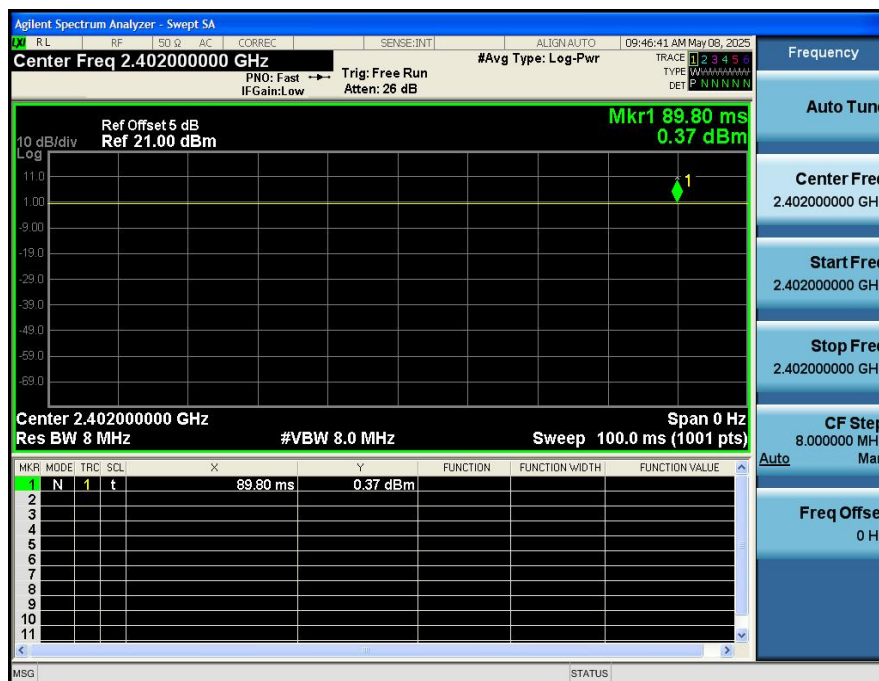
Appendix Test Data

Report No.:	1812C50195112501	Test Sample No.:	1-2-2
Start Test Date:	2025.5.6	Finish Test Date:	2025.5.8
Test Engineer:	<i>Liangfei Yang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.2°C	Relative Humidity:	52%
Pressure:	101kPa		

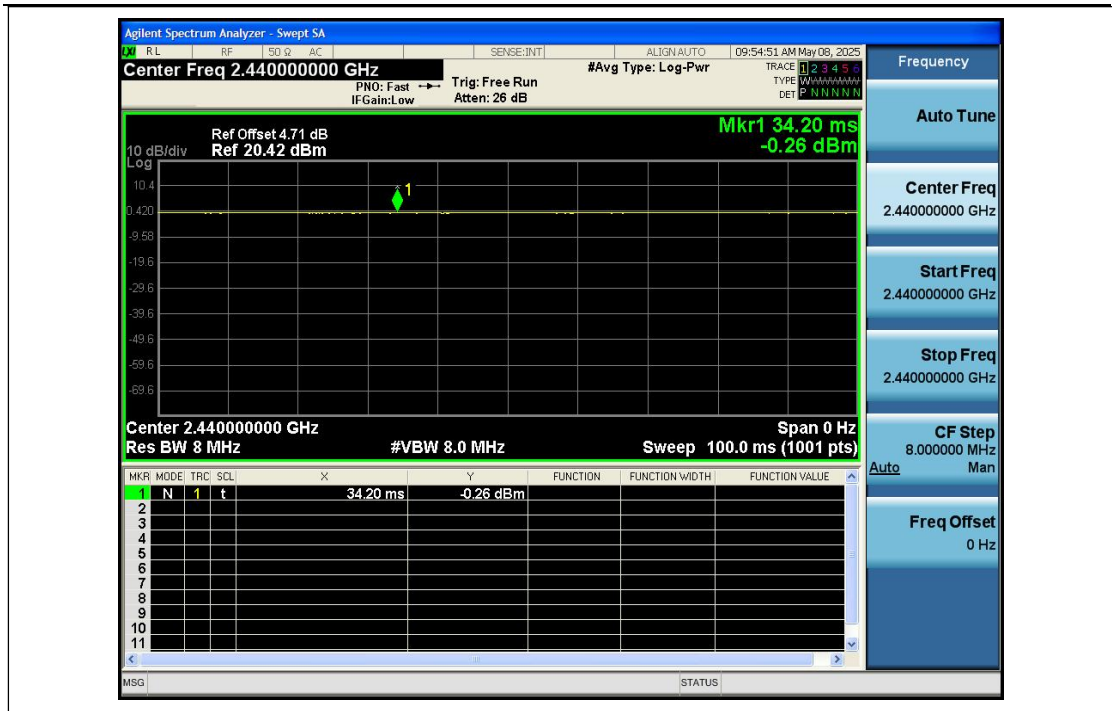
Appendix A: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	2.4G	2402.00	100	0.00
NVNT	ANT1	2.4G	2440.00	100	0.00
NVNT	ANT1	2.4G	2480.00	100	0.00

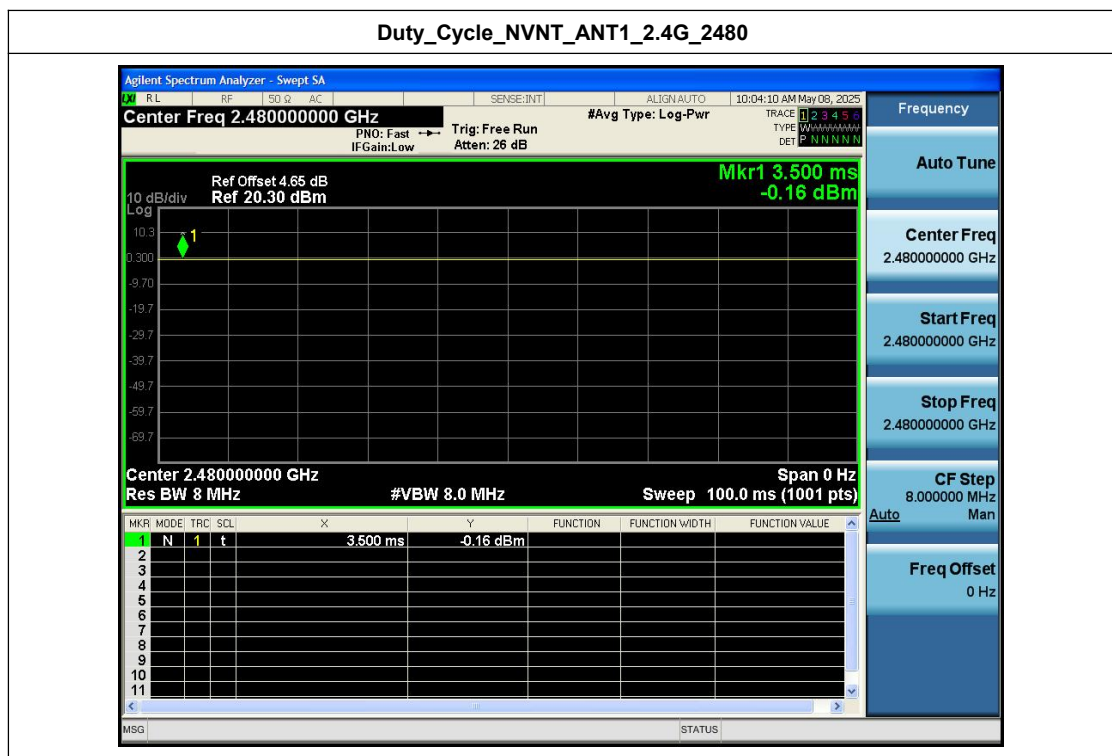
Duty_Cycle_NVNT_ANT1_2.4G_2402



Duty_Cycle_NVNT_ANT1_2.4G_2440



Duty_Cycle_NVNT_ANT1_2.4G_2480



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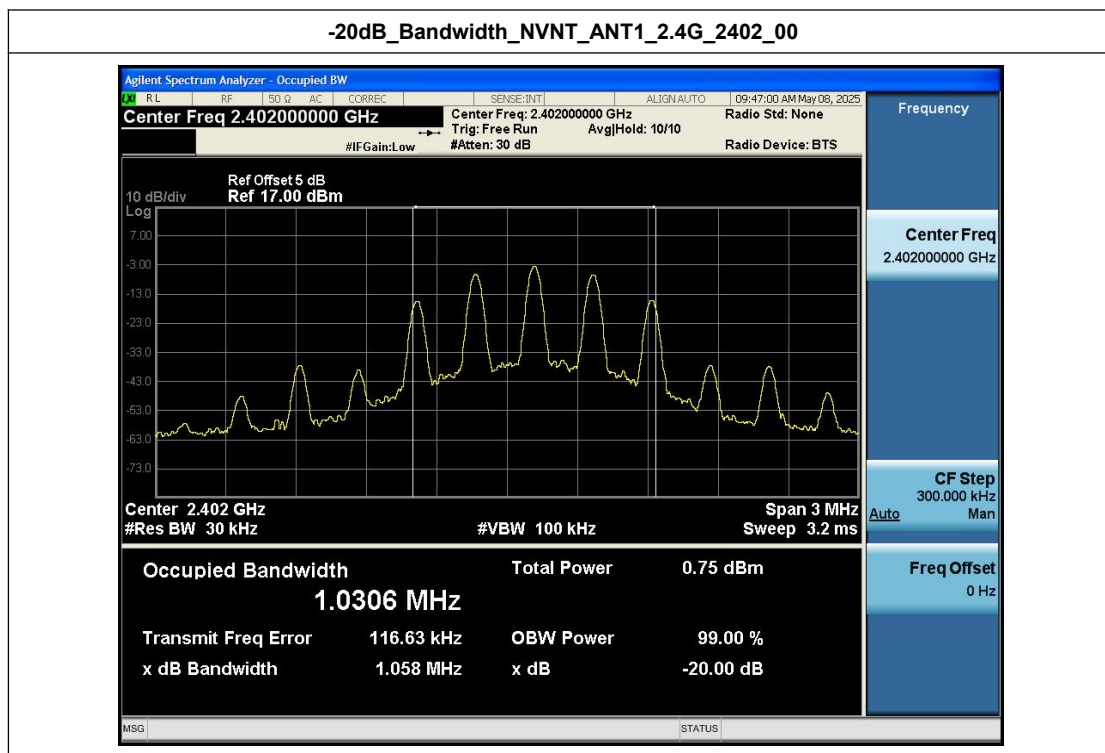
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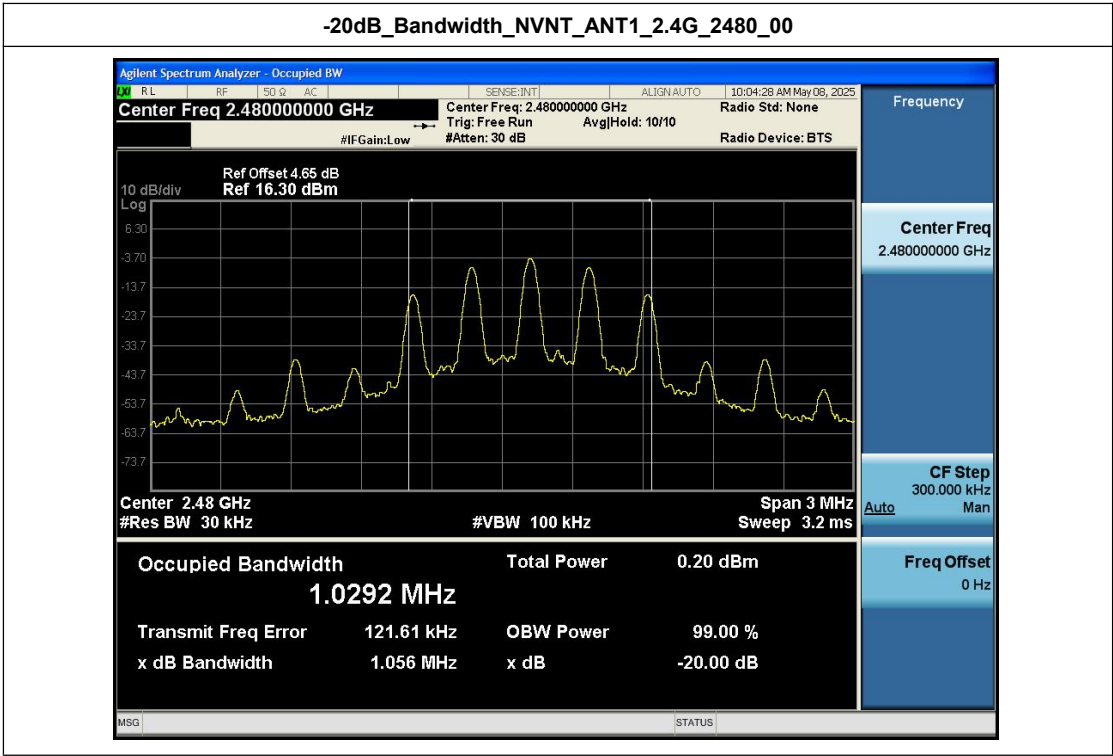
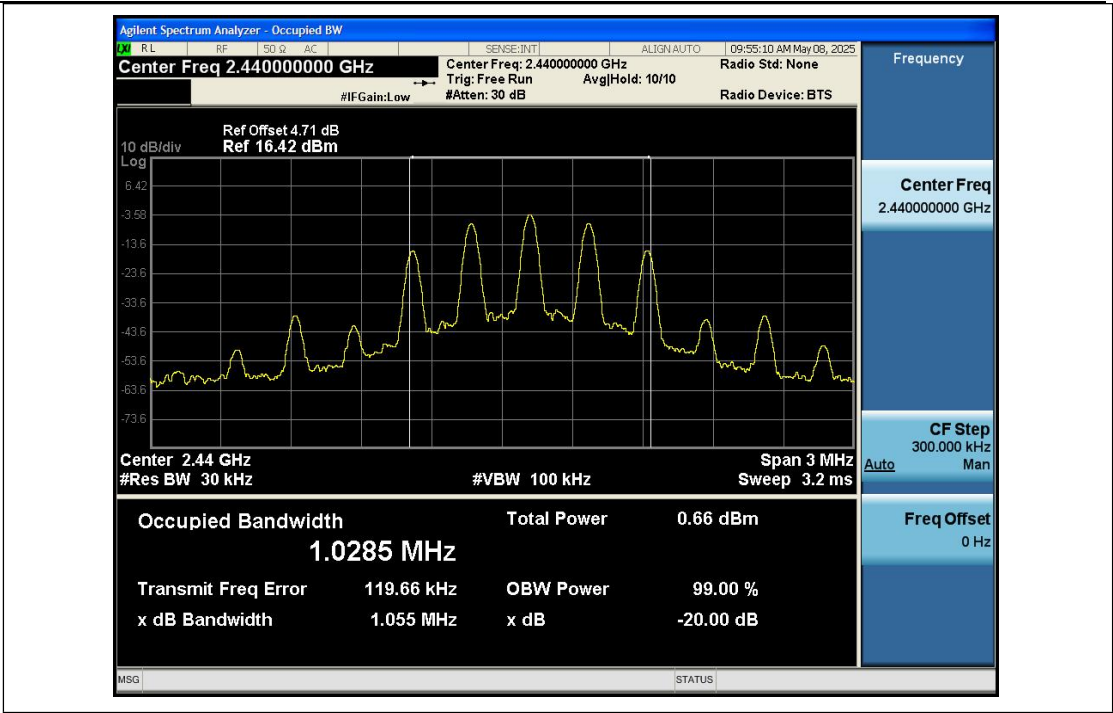
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Appendix B: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	2.4G	2402.00	1.058	Yes
NVNT	ANT1	2.4G	2440.00	1.055	Yes
NVNT	ANT1	2.4G	2480.00	1.056	Yes



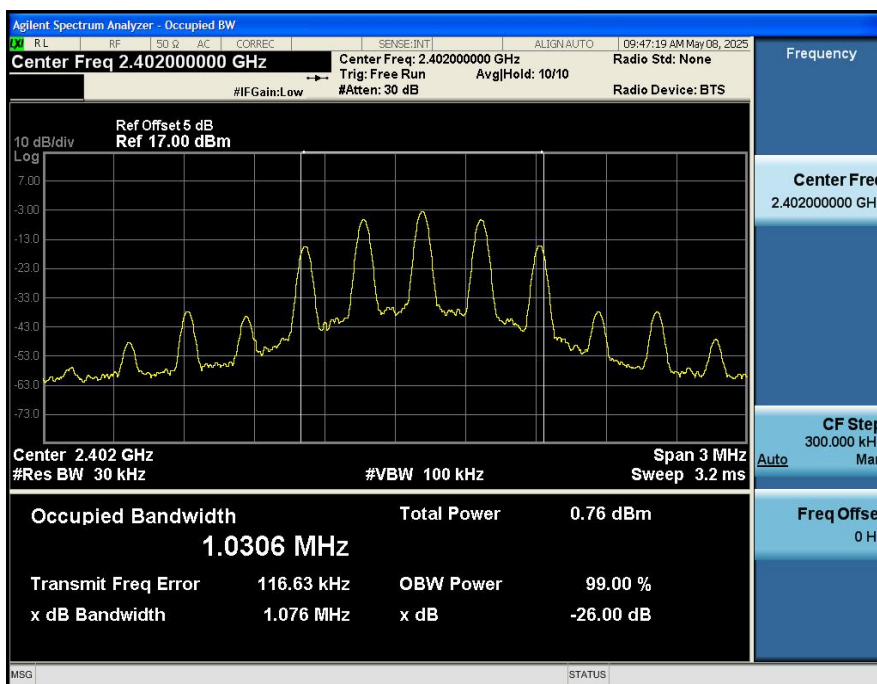
-20dB_Bandwidth_NVNT_ANT1_2.4G_2440_00



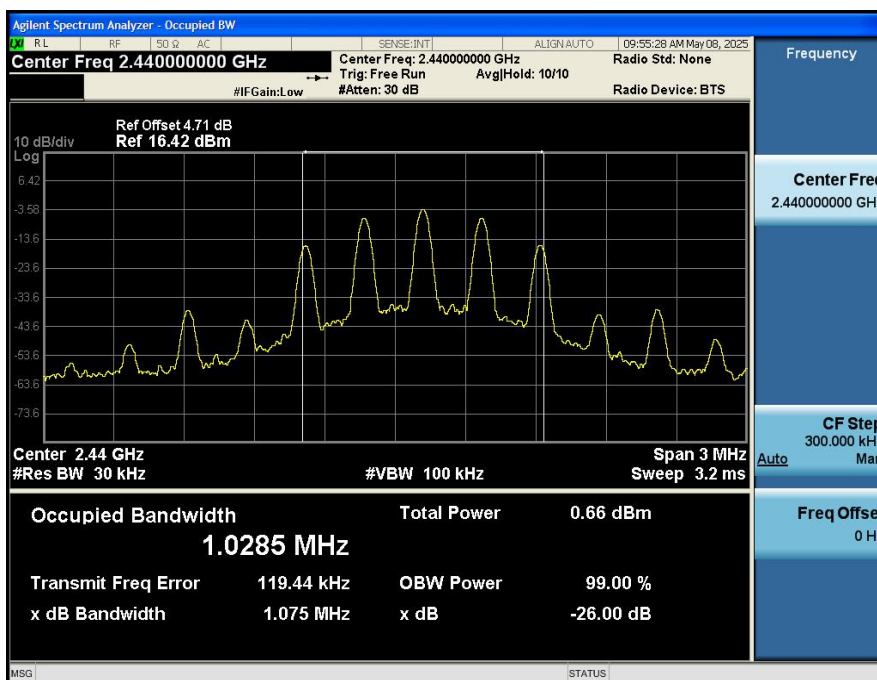
Appendix C: 99% Occupied Bandwidth

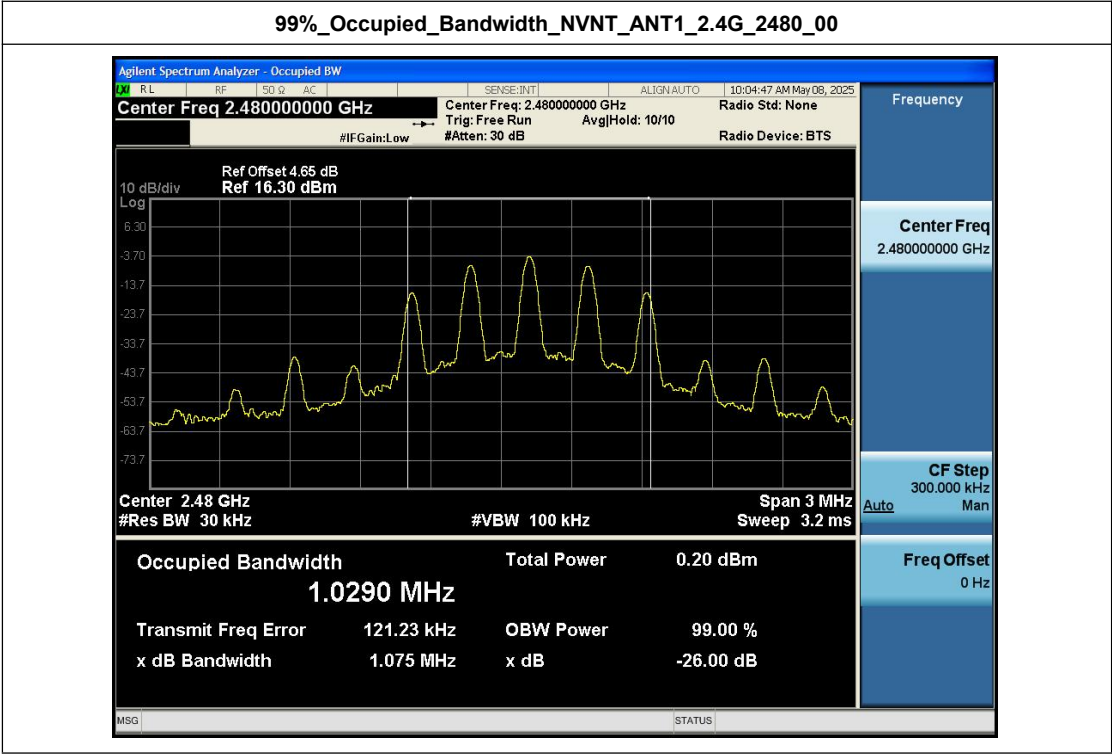
Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	2.4G	2402.00	1.031
NVNT	ANT1	2.4G	2440.00	1.029
NVNT	ANT1	2.4G	2480.00	1.029

99%_Occupied_Bandwidth_NVNT_ANT1_2.4G_2402_00



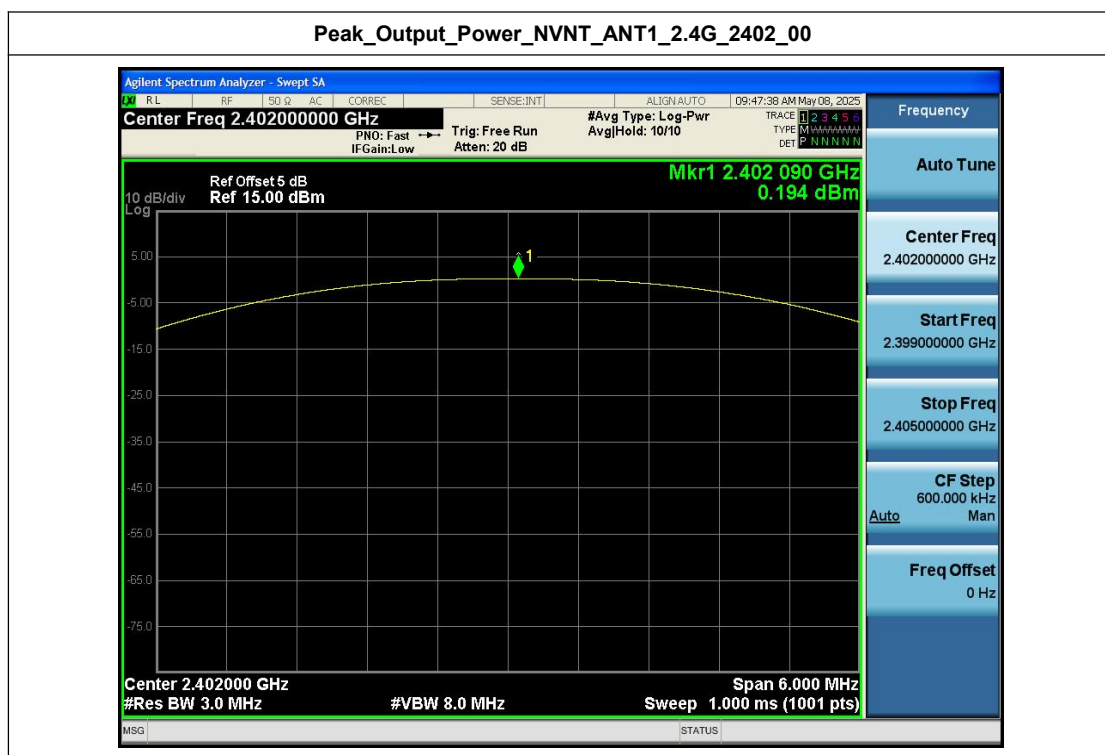
99%_Occupied_Bandwidth_NVNT_ANT1_2.4G_2440_00





Appendix D: Peak Output Power

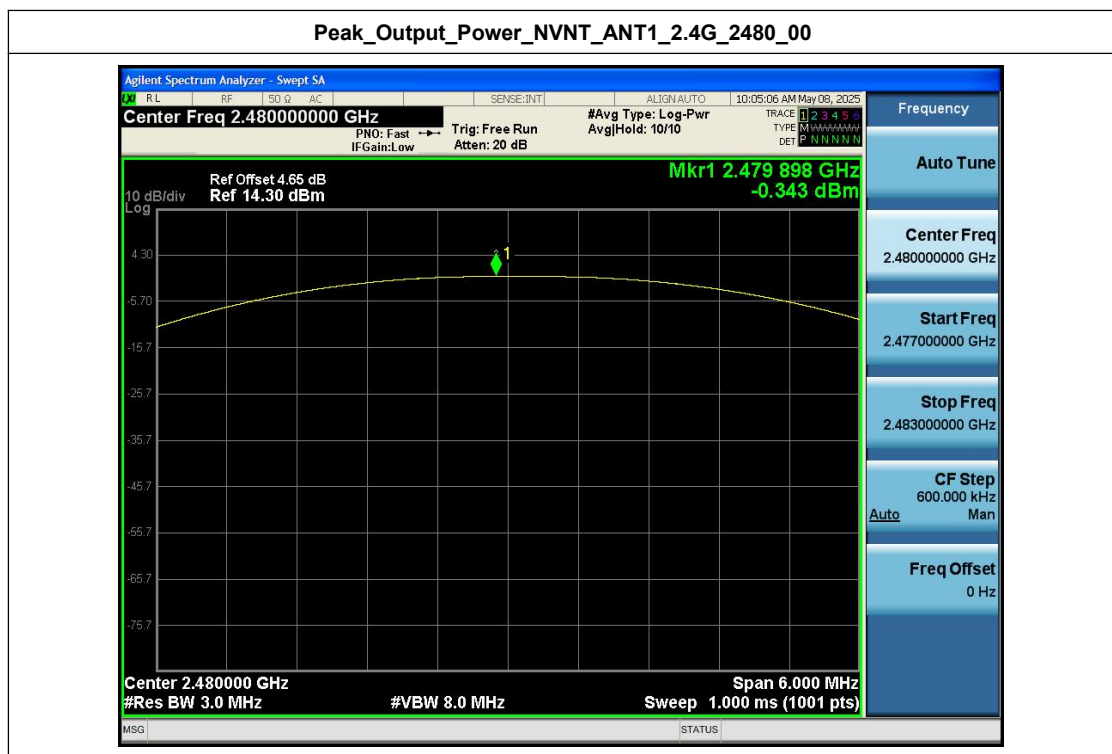
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	2.4G	2402.00	0.19	1.05	125	Pass
NVNT	ANT1	2.4G	2440.00	-0.32	0.93	125	Pass
NVNT	ANT1	2.4G	2480.00	-0.34	0.92	125	Pass



Peak_Output_Power_NVNT_ANT1_2.4G_2440_00



Peak_Output_Power_NVNT_ANT1_2.4G_2480_00



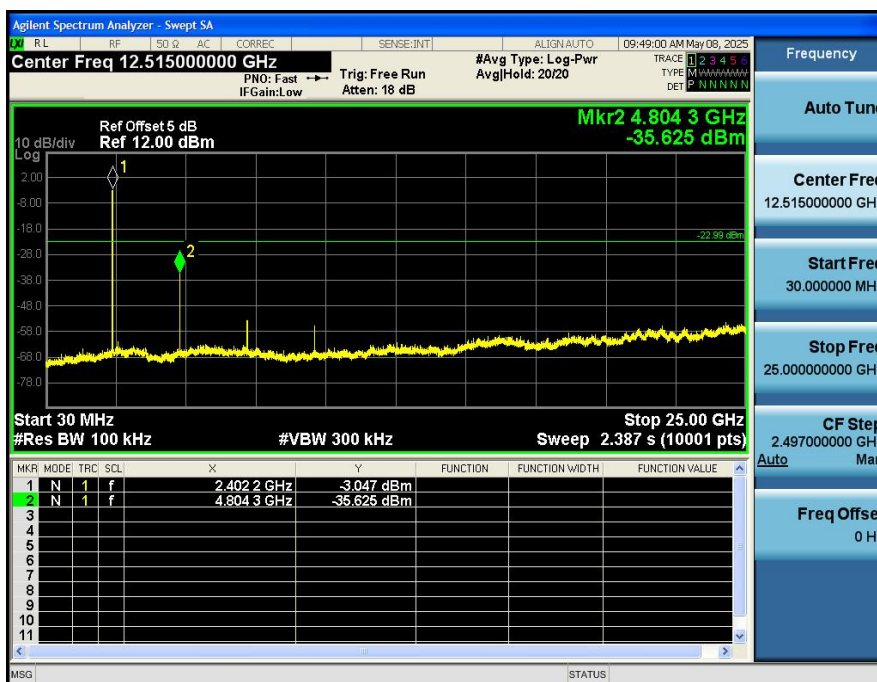
Appendix E: Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	2.4G	2402.00	-2.989	-35.625	-22.989	Pass
NVNT	ANT1	2.4G	2440.00	-3.451	-37.629	-23.451	Pass
NVNT	ANT1	2.4G	2480.00	-3.352	-40.452	-23.352	Pass

1_Reference_Level_NVNT_ANT1_2.4G_2402_00



2_Spurious_Emissions_NVNT_ANT1_2.4G_2402_00



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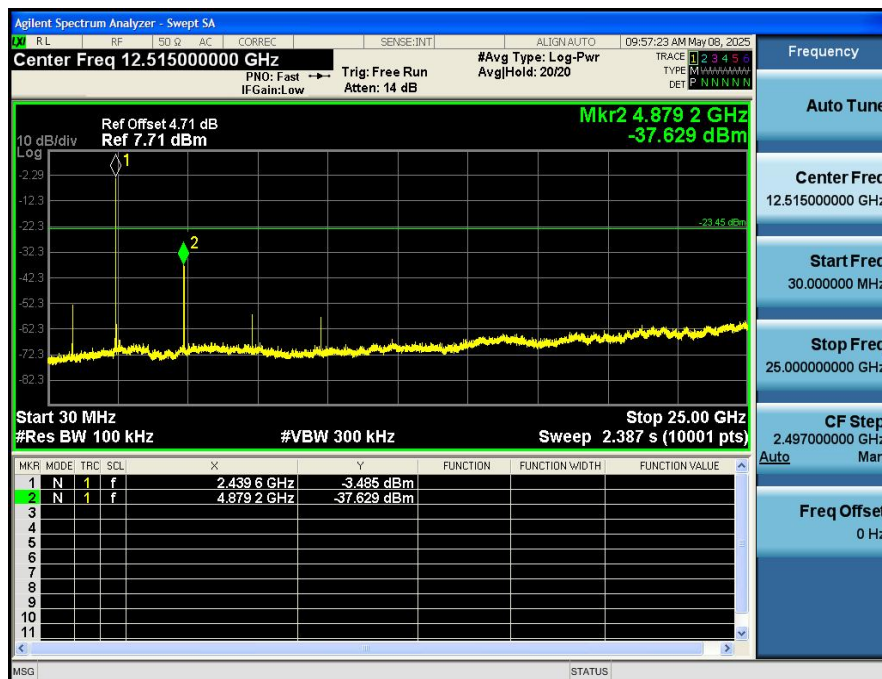
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1_Reference_Level_NVNT_ANT1_2.4G_2440_00



2_Spurious_Emissions_NVNT_ANT1_2.4G_2440_00



1_Reference_Level_NVNT_ANT1_2.4G_2480_00

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Note: Regarding the spurious emissions from 30MHz to 25.0GHz, the cable lose factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

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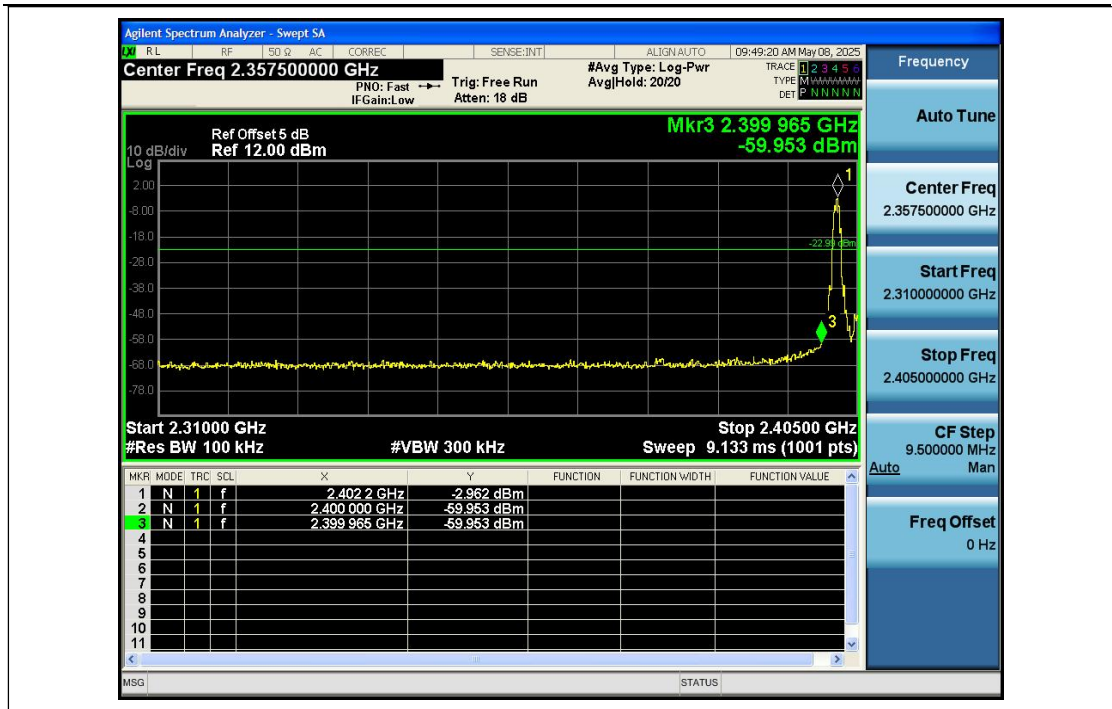
Appendix G: Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	2.4G	2402.00	-2.989	-59.953	-22.989	Pass
NVNT	ANT1	2.4G	Hopping_LCH	-0.927	-36.014	-20.927	Pass
NVNT	ANT1	2.4G	2480.00	-3.352	-61.073	-23.352	Pass
NVNT	ANT1	2.4G	Hopping_HCH	-0.959	-44.117	-20.959	Pass

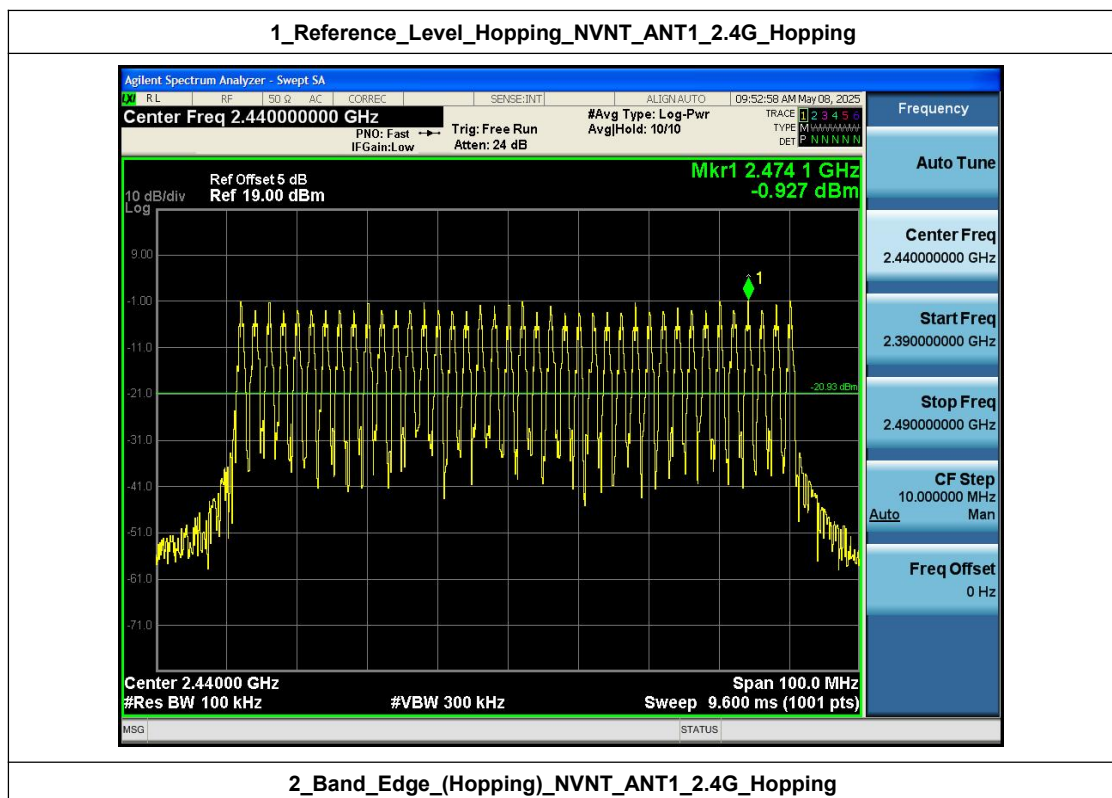
1_Reference_Level_NVNT_ANT1_2.4G_2402_00



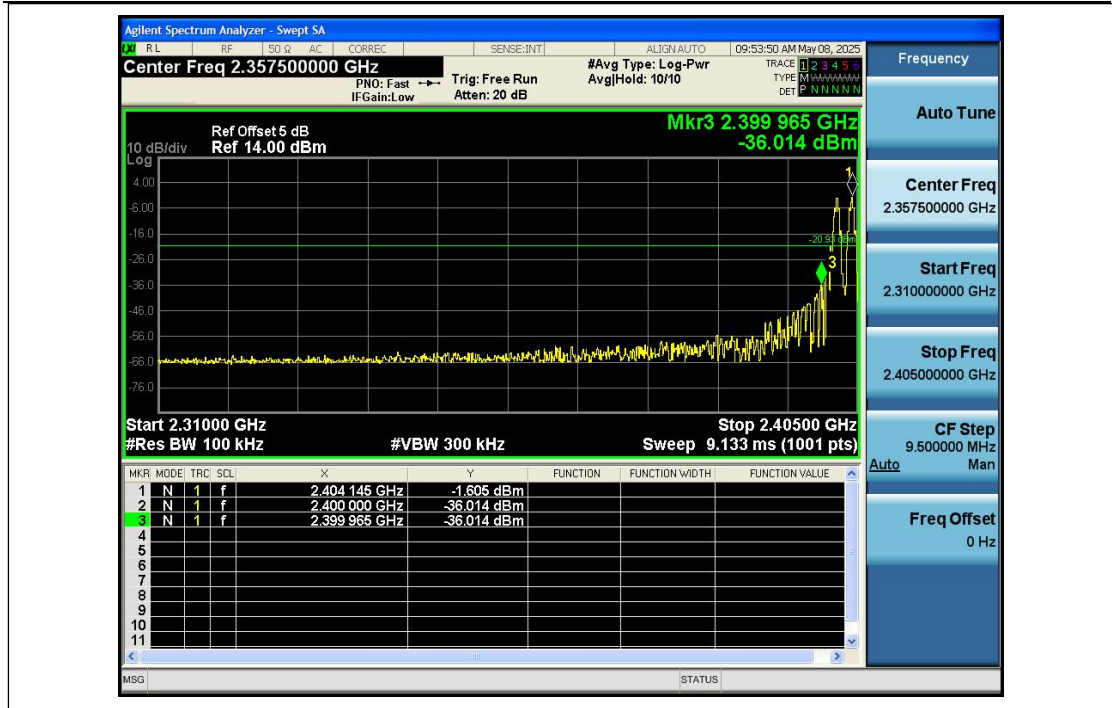
2_Bandedge_NVNT_ANT1_2.4G_2402_00



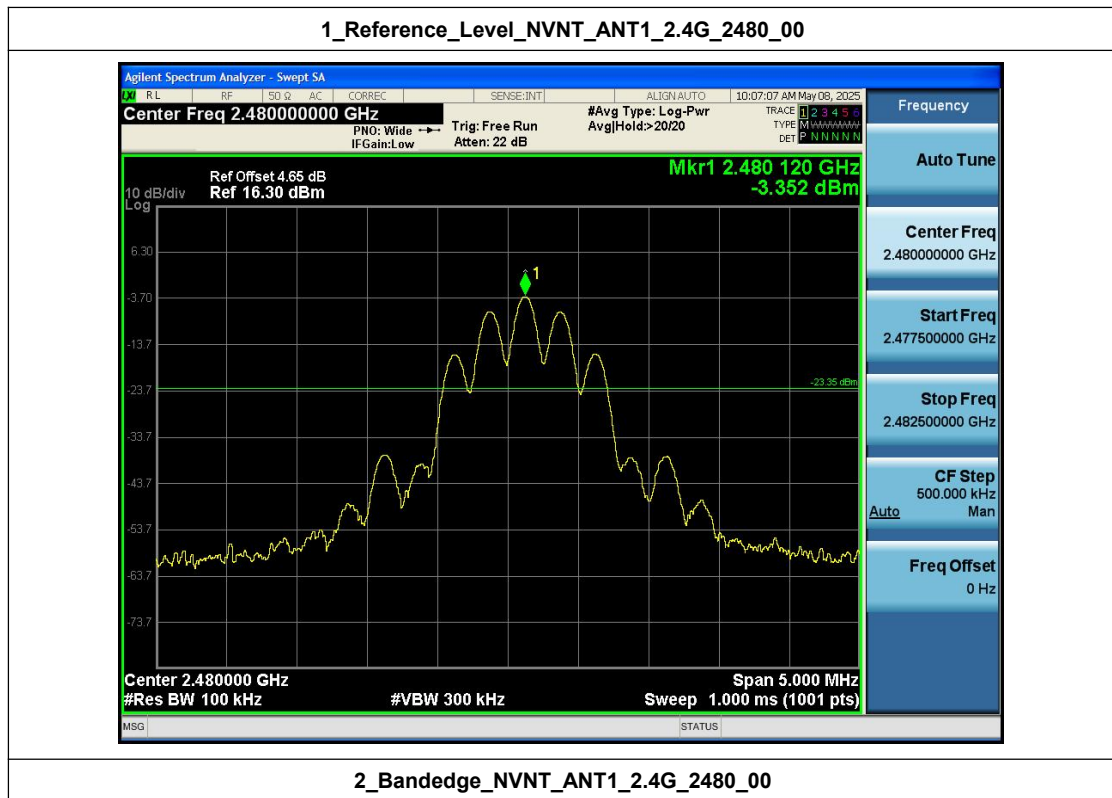
1_Reference_Level_Hopping_NVNT_ANT1_2.4G_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2.4G_Hopping

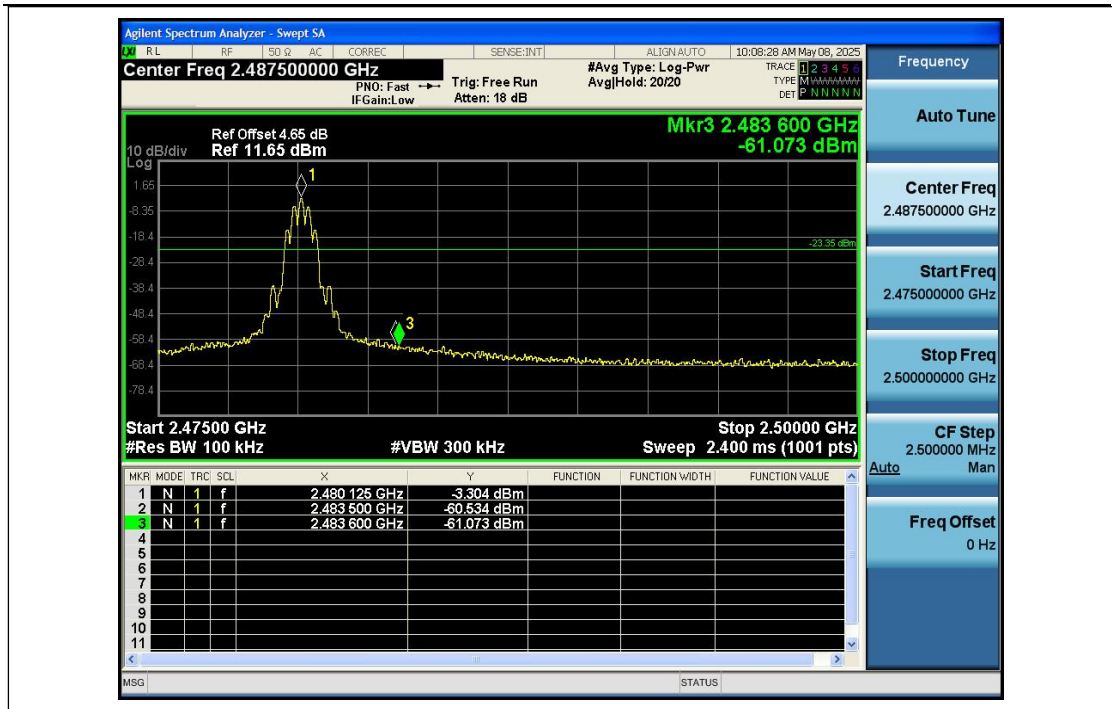


1_Reference_Level_NVNT_ANT1_2.4G_2480_00

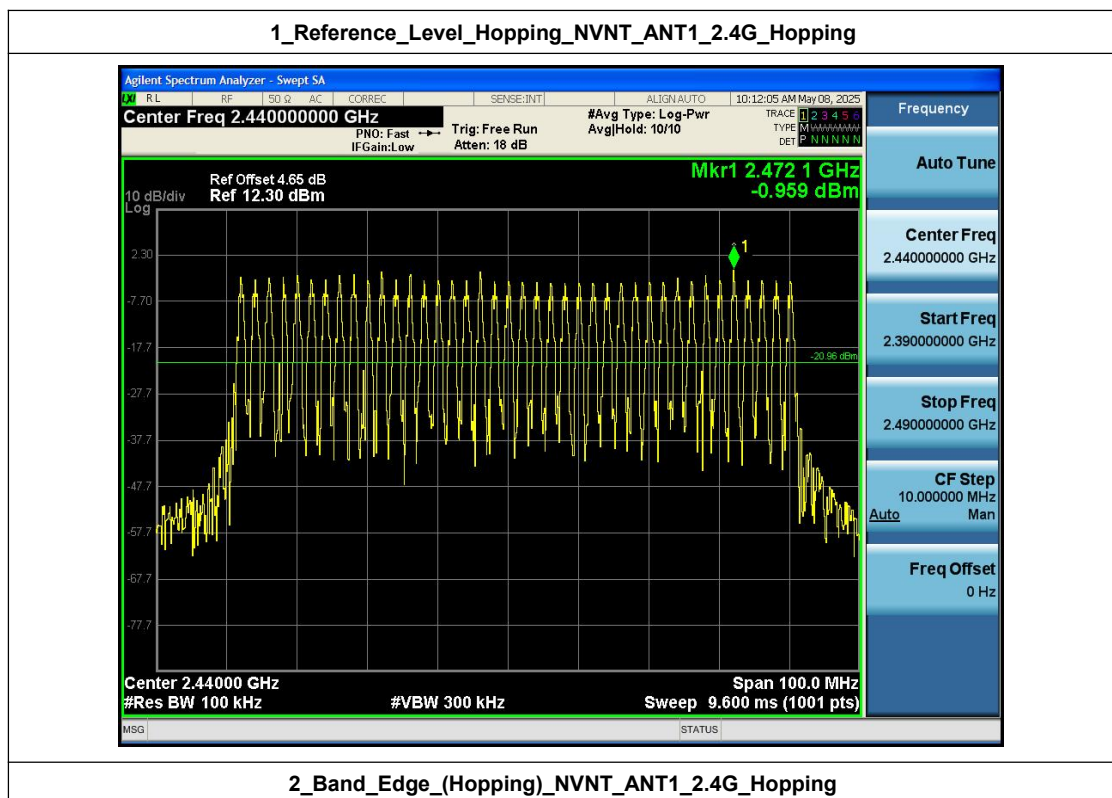


2_Bandedge_NVNT_ANT1_2.4G_2480_00

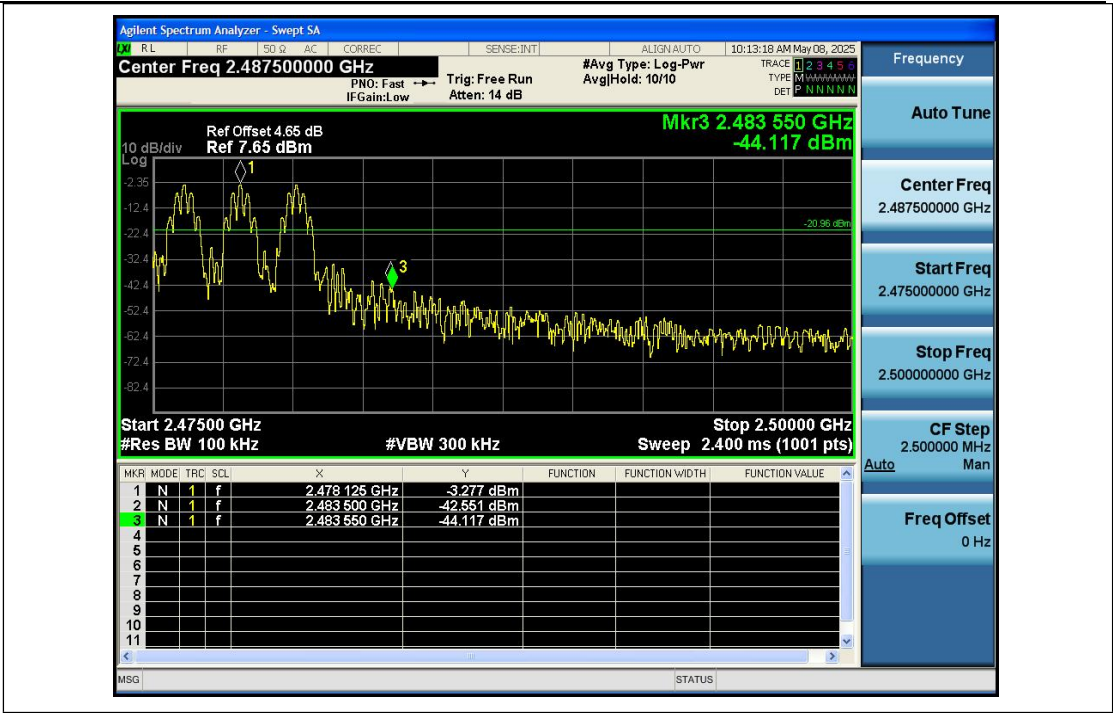




1_Reference_Level_Hopping_NVNT_ANT1_2.4G_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2.4G_Hopping



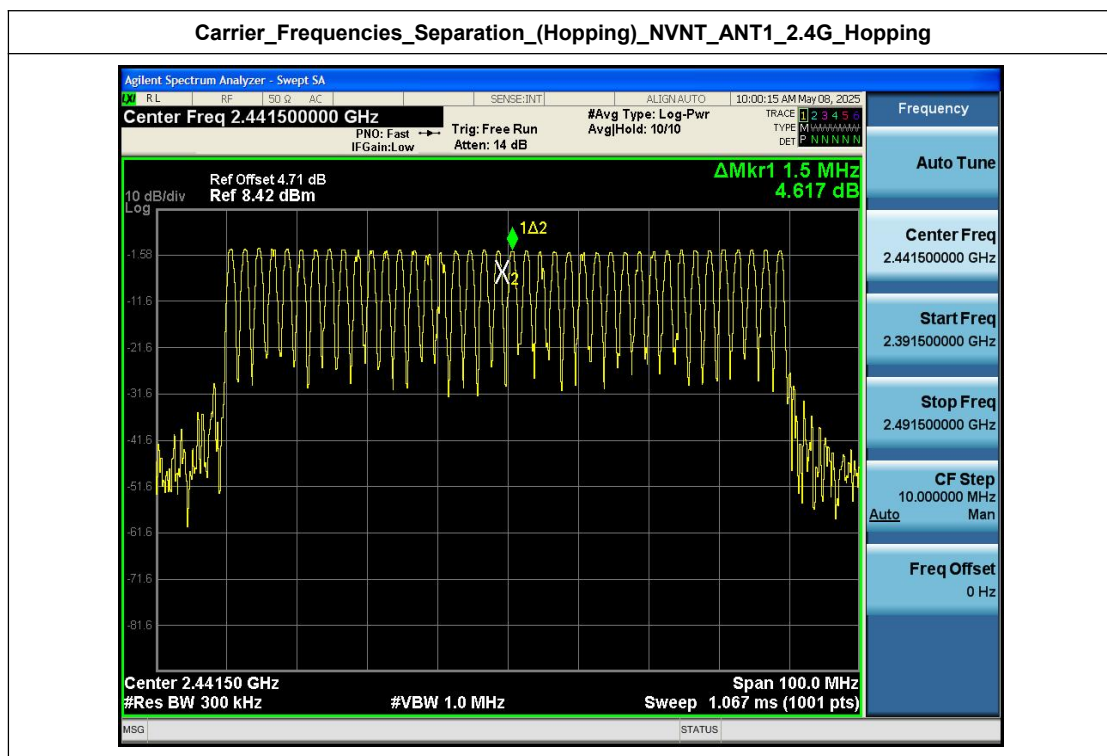
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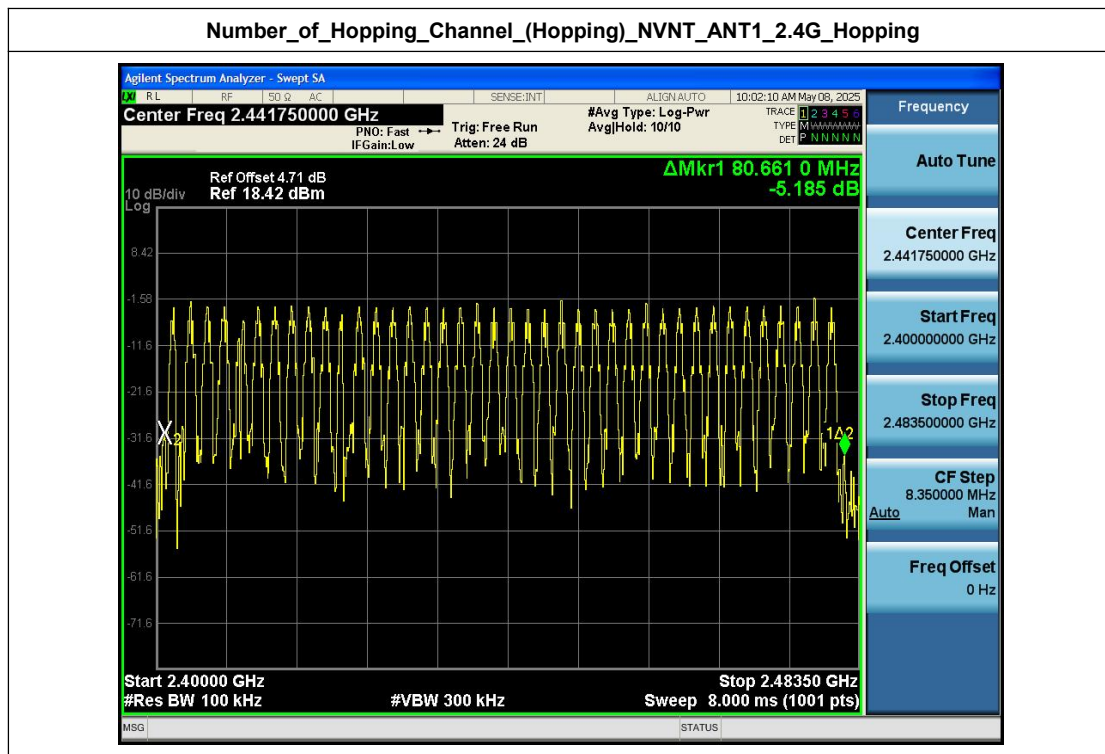
Appendix H: Carrier Frequencies Separation (Hopping)

Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	2.4G	2440.00	2440.600	2442.100	1.50	0.703	Pass



Appendix I: Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	2.4G	40	15	Pass



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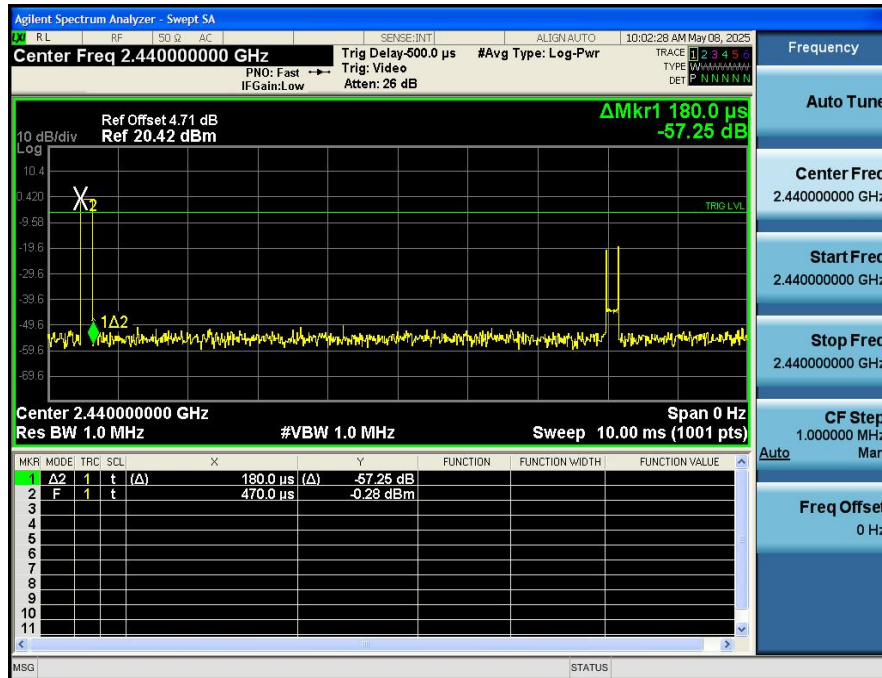
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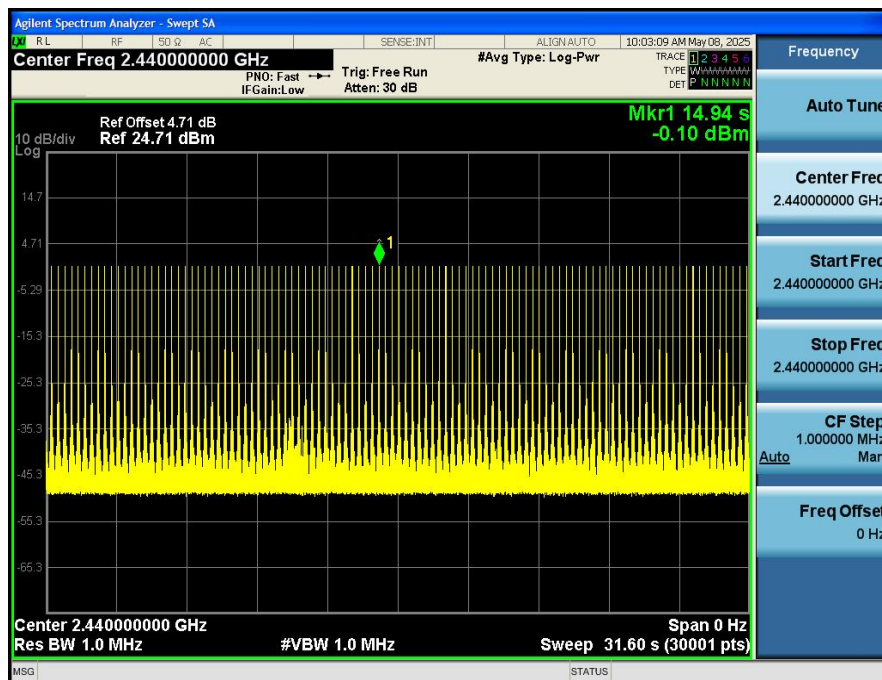
Appendix J: Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	2.4G	0.180	105.00	18.900	0.40	Pass

Dwell_Time_(Hopping)_NVNT_ANT1_2.4G_2440_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_2.4G_2440_00_Accumulated



---END---

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