

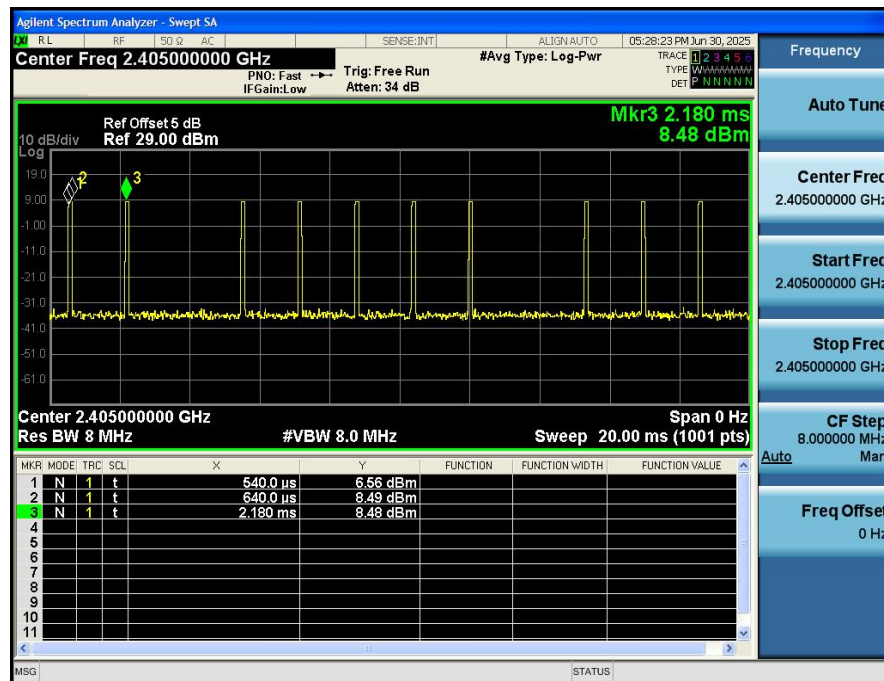
Appendix Test Data

Report No.:	1812C50292612503	Test Sample No.:	1-2-2
Start Test Date:	2025.6.17	Finish Test Date:	2025.6.30
Test Engineer:	<i>Liangfei Yang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.2°C	Relative Humidity:	53%
Pressure:	101kPa		

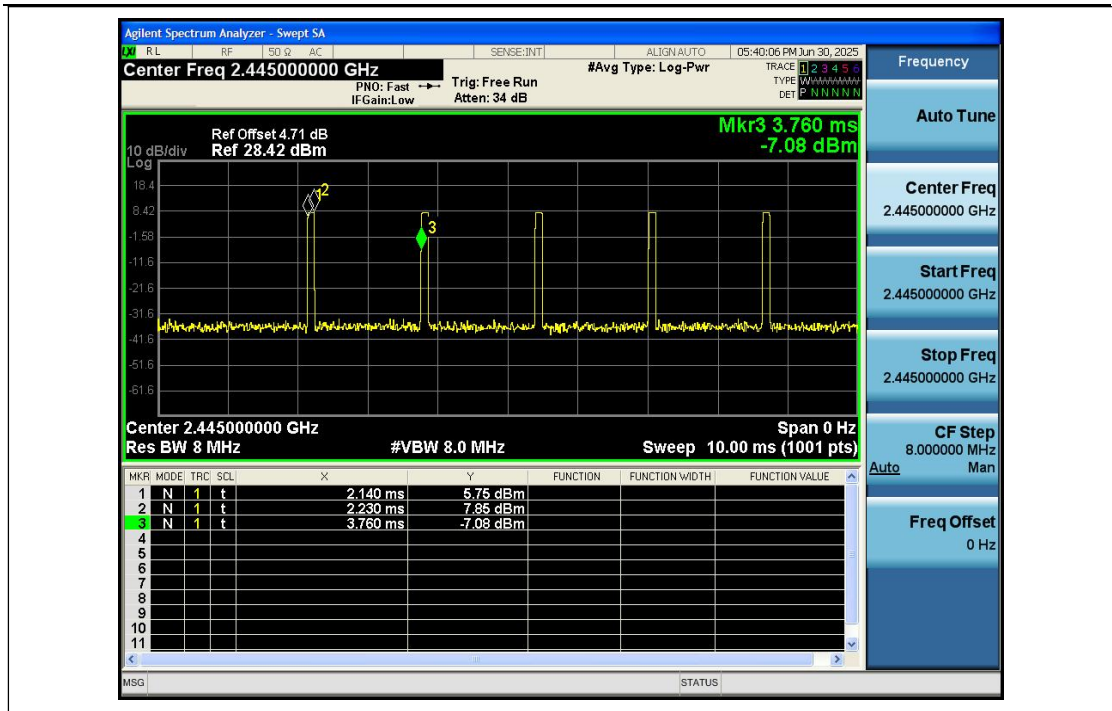
Appendix A: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	2.4G	2405.00	6.10	12.15
NVNT	ANT1	2.4G	2445.00	5.56	12.55
NVNT	ANT1	2.4G	2475.00	5.56	12.55

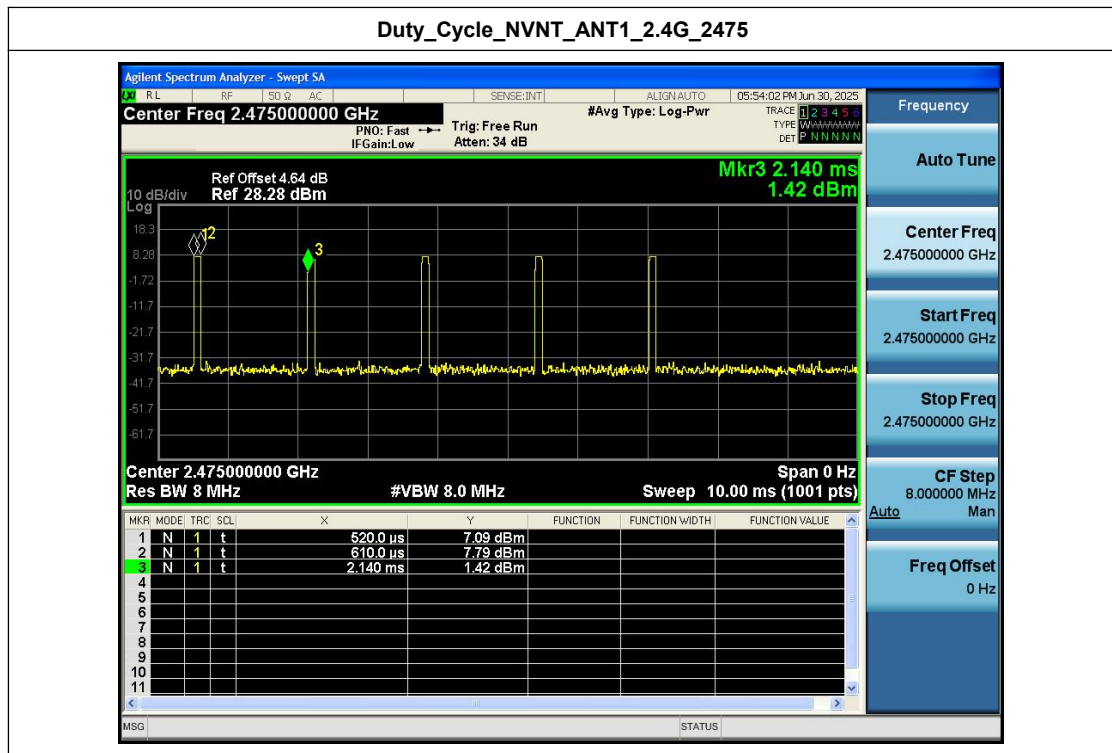
Duty_Cycle_NVNT_ANT1_2.4G_2405



Duty_Cycle_NVNT_ANT1_2.4G_2445



Duty_Cycle_NVNT_ANT1_2.4G_2475



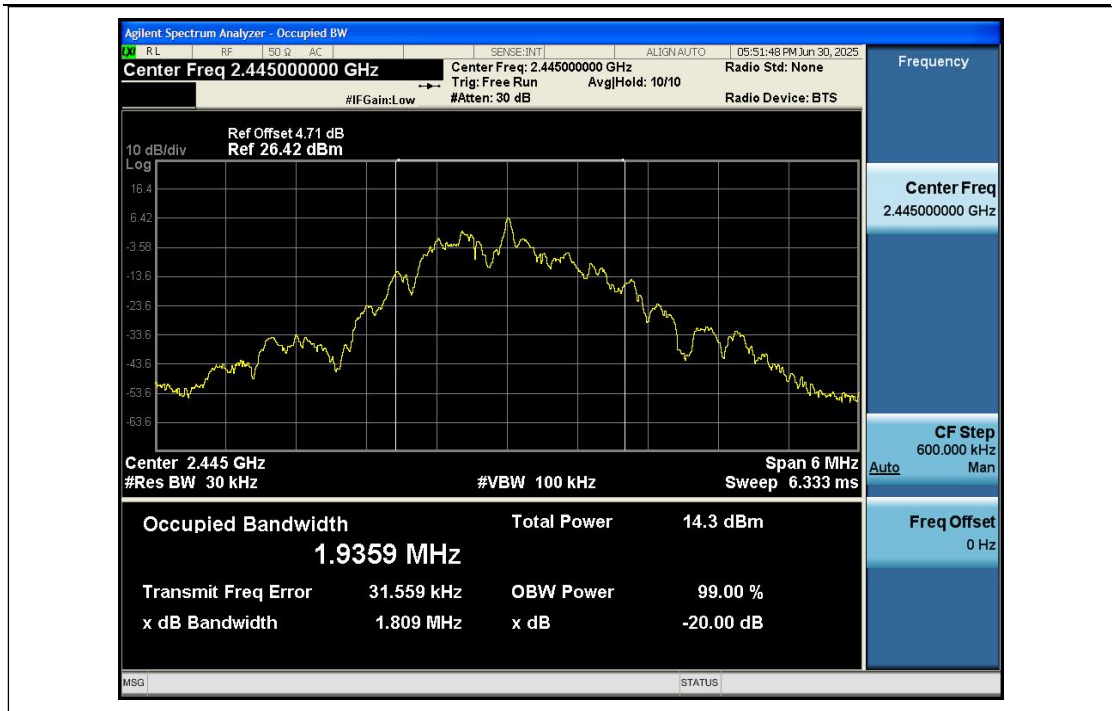
Appendix B: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	2.4G	2405.00	1.789	Yes
NVNT	ANT1	2.4G	2445.00	1.809	Yes
NVNT	ANT1	2.4G	2475.00	1.804	Yes

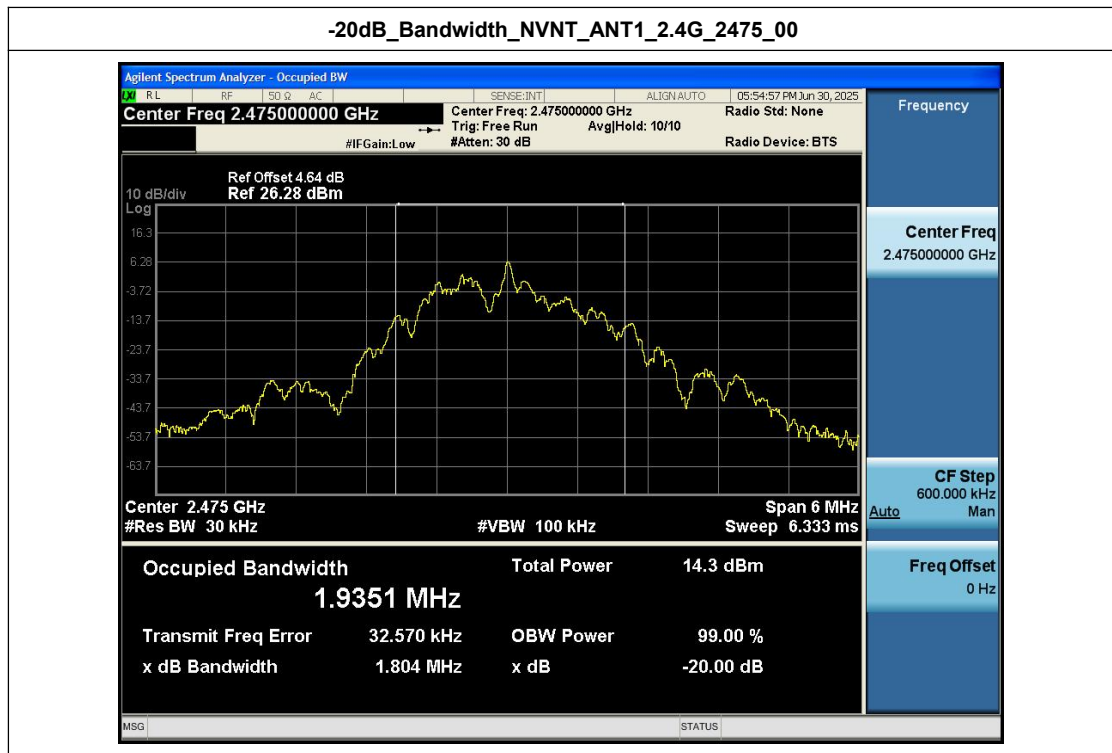
-20dB_Bandwidth_NVNT_ANT1_2.4G_2405_00



-20dB_Bandwidth_NVNT_ANT1_2.4G_2445_00



-20dB_Bandwidth_NVNT_ANT1_2.4G_2475_00



Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	2.4G	2405.00	1.884
NVNT	ANT1	2.4G	2445.00	1.938
NVNT	ANT1	2.4G	2475.00	1.905

99%_Occupied_Bandwidth_NVNT_ANT1_2.4G_2405_00



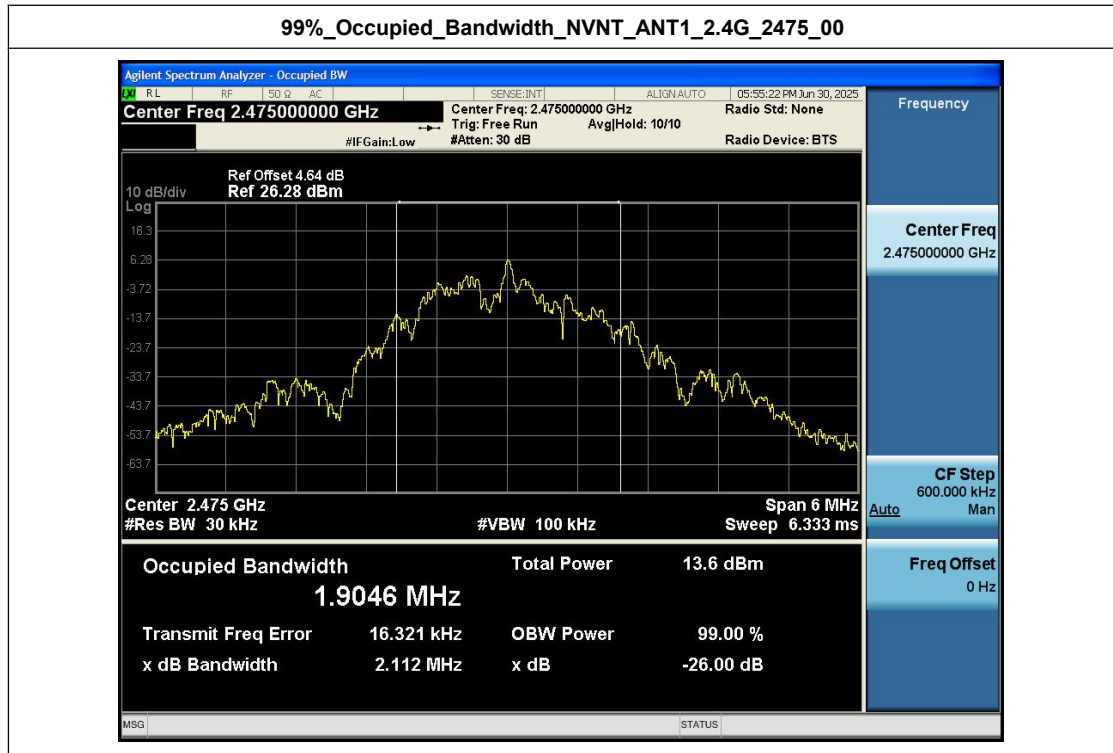
99%_Occupied_Bandwidth_NVNT_ANT1_2.4G_2445_00



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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	2.4G	2405.00	8.51	7.09	125	Pass
NVNT	ANT1	2.4G	2445.00	7.81	6.04	125	Pass
NVNT	ANT1	2.4G	2475.00	7.79	6.02	125	Pass

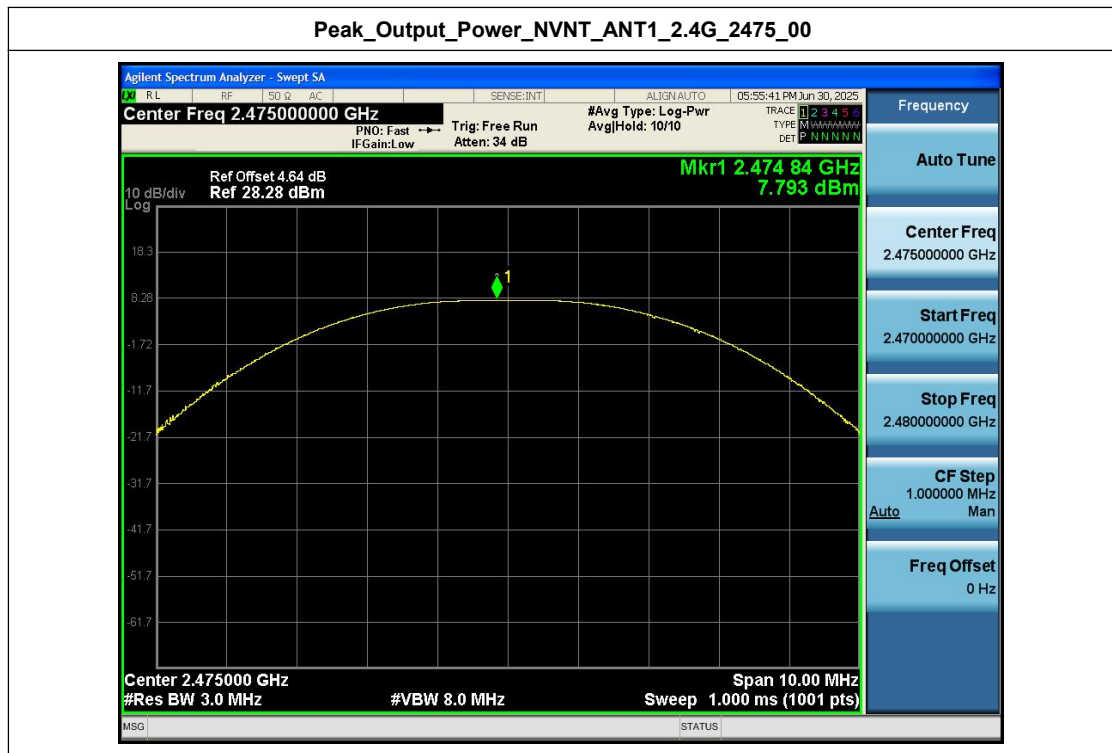
Peak_Output_Power_NVNT_ANT1_2.4G_2405_00



Peak_Output_Power_NVNT_ANT1_2.4G_2445_00



Peak_Output_Power_NVNT_ANT1_2.4G_2475_00



Appendix E: Spurious Emissions

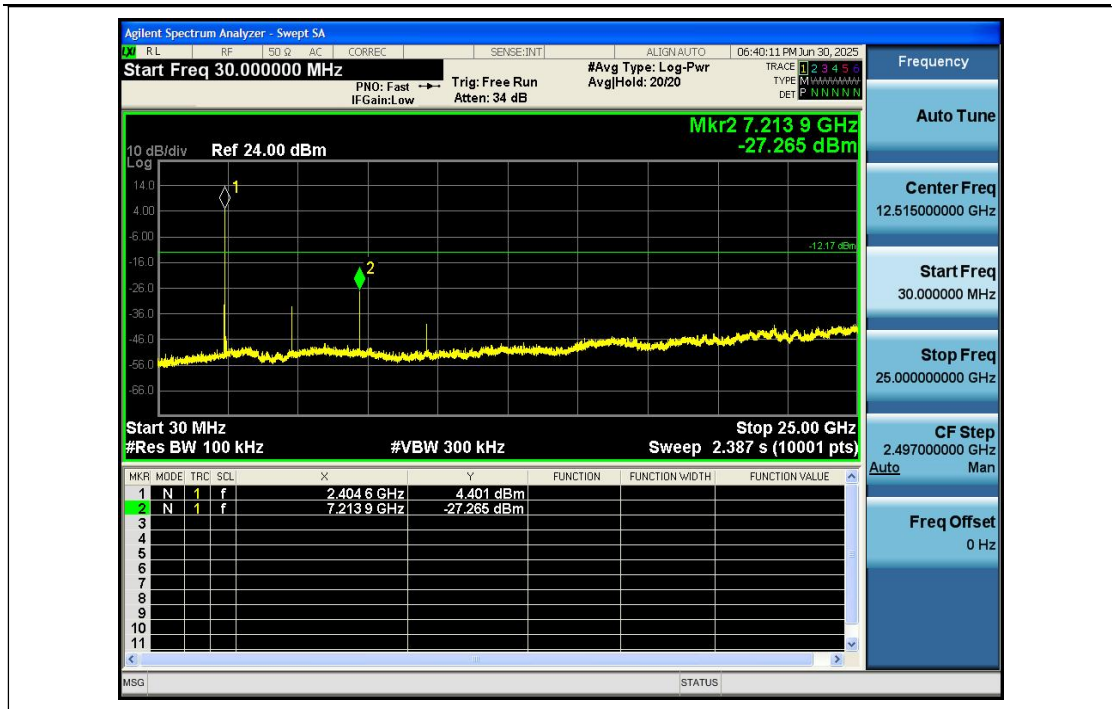
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	2.4G	2405.00	7.834	-27.265	-12.166	Pass
NVNT	ANT1	2.4G	2445.00	7.299	-25.622	-12.701	Pass
NVNT	ANT1	2.4G	2475.00	7.140	-26.220	-12.860	Pass

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_2.4G_2405_00



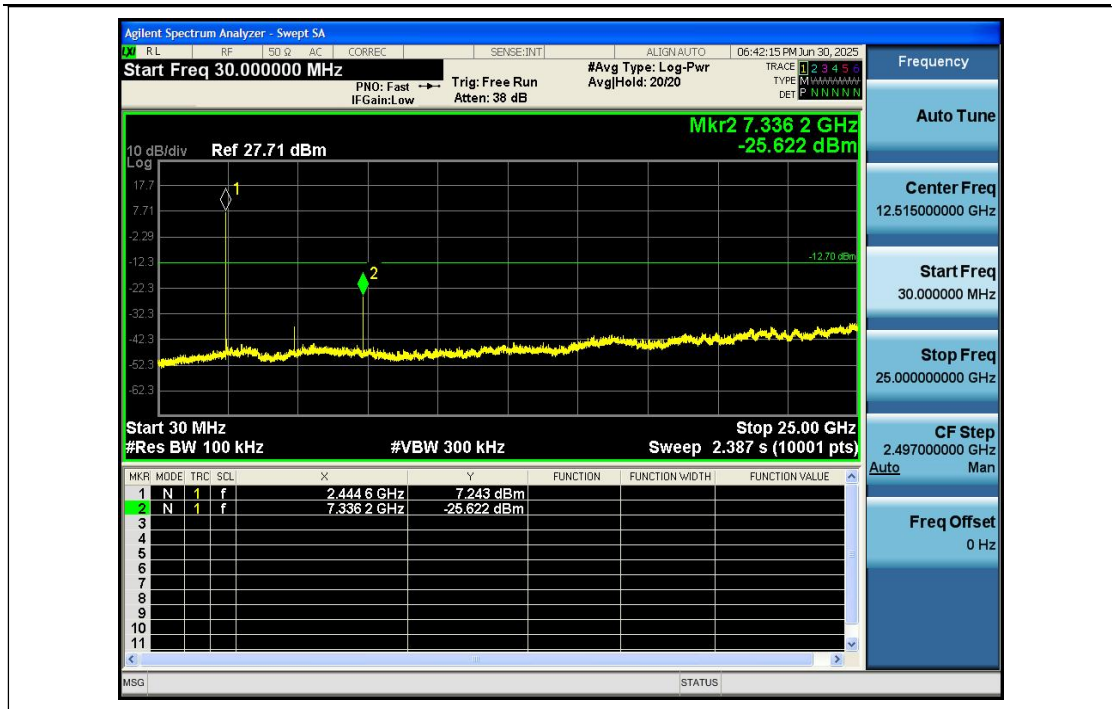
2_Spurious_Emissions_NVNT_ANT1_2.4G_2405_00



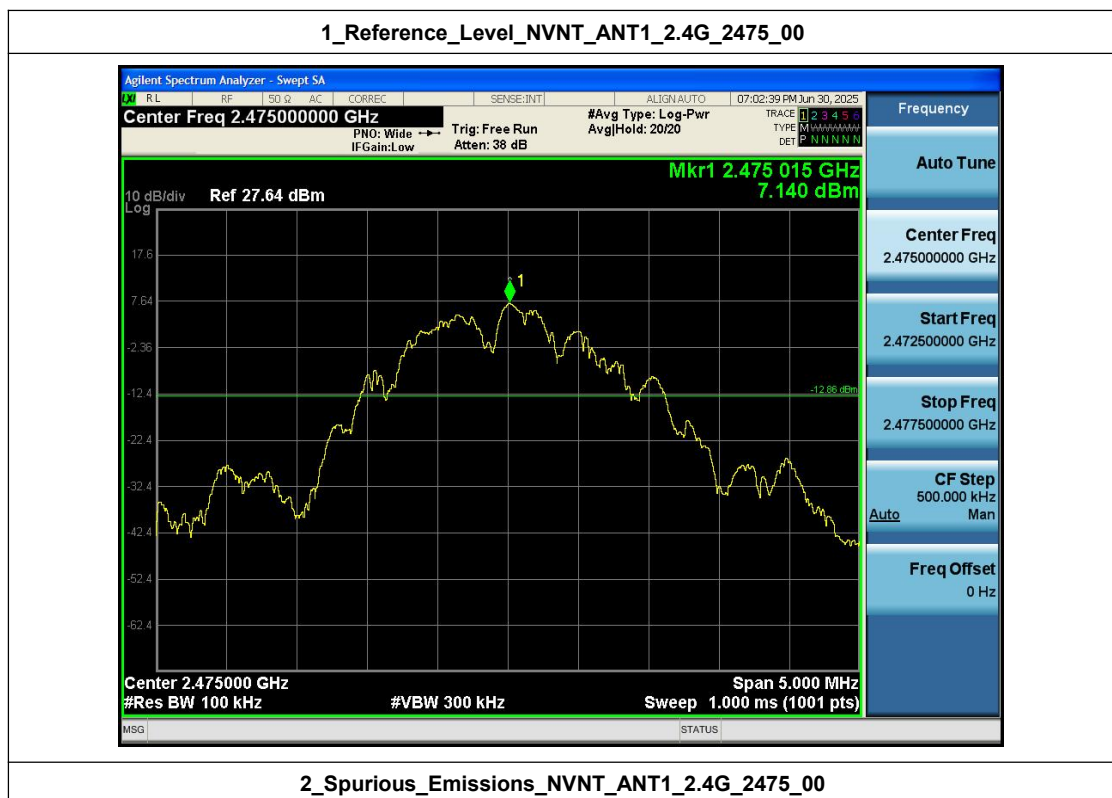
1_Reference_Level_NVNT_ANT1_2.4G_2445_00



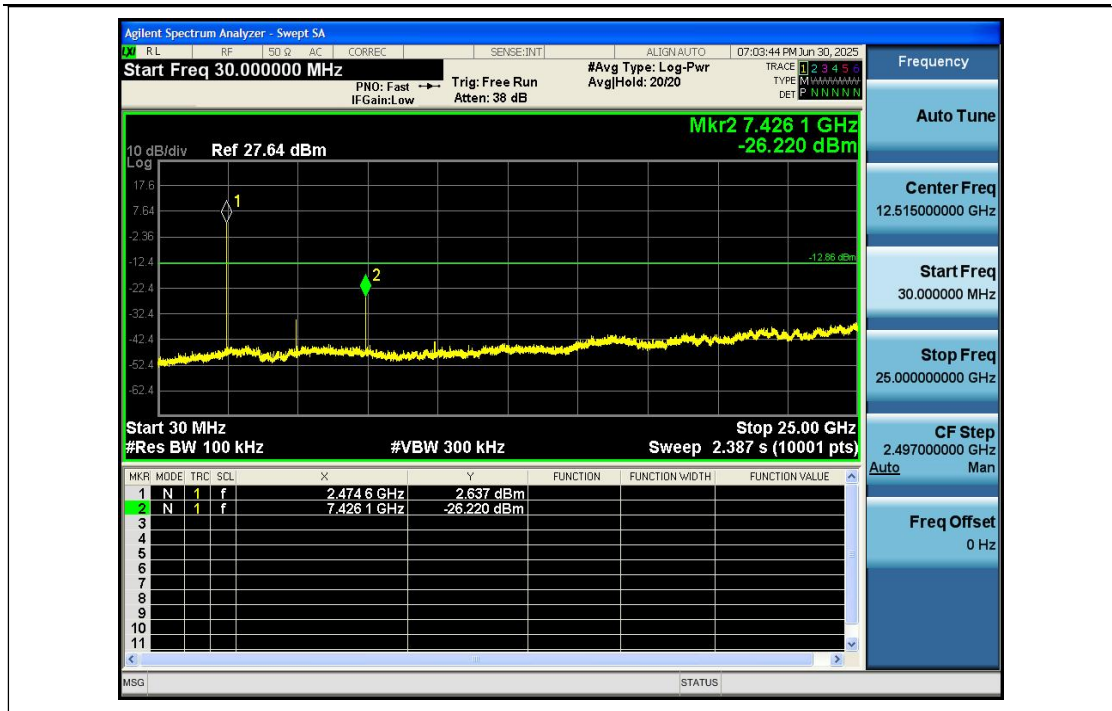
2_Spurious_Emissions_NVNT_ANT1_2.4G_2445_00



1_Reference_Level_NVNT_ANT1_2.4G_2475_00



2_Spurious_Emissions_NVNT_ANT1_2.4G_2475_00



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Appendix F: Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	2.4G	2405.00	8.463	-52.585	-11.537	Pass
NVNT	ANT1	2.4G	Hopping_LCH	8.473	-53.343	-11.527	Pass
NVNT	ANT1	2.4G	2475.00	7.785	-50.814	-12.215	Pass
NVNT	ANT1	2.4G	Hopping_HCH	7.664	-53.584	-12.336	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.

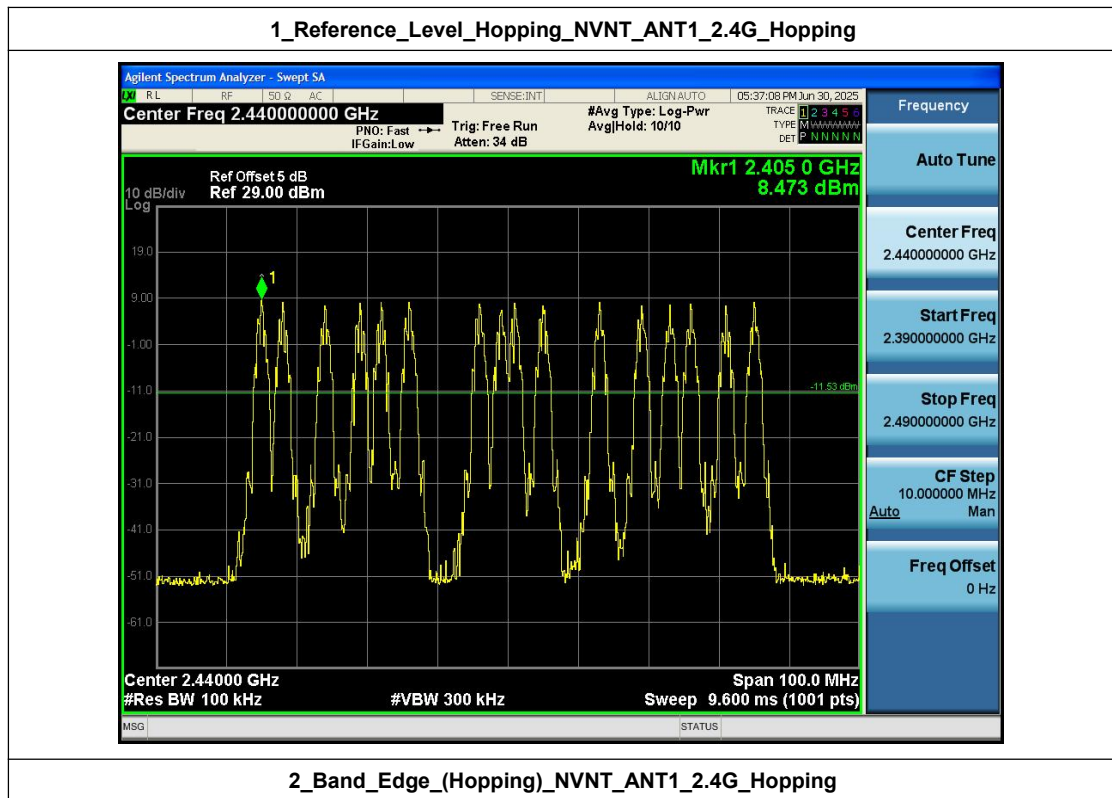
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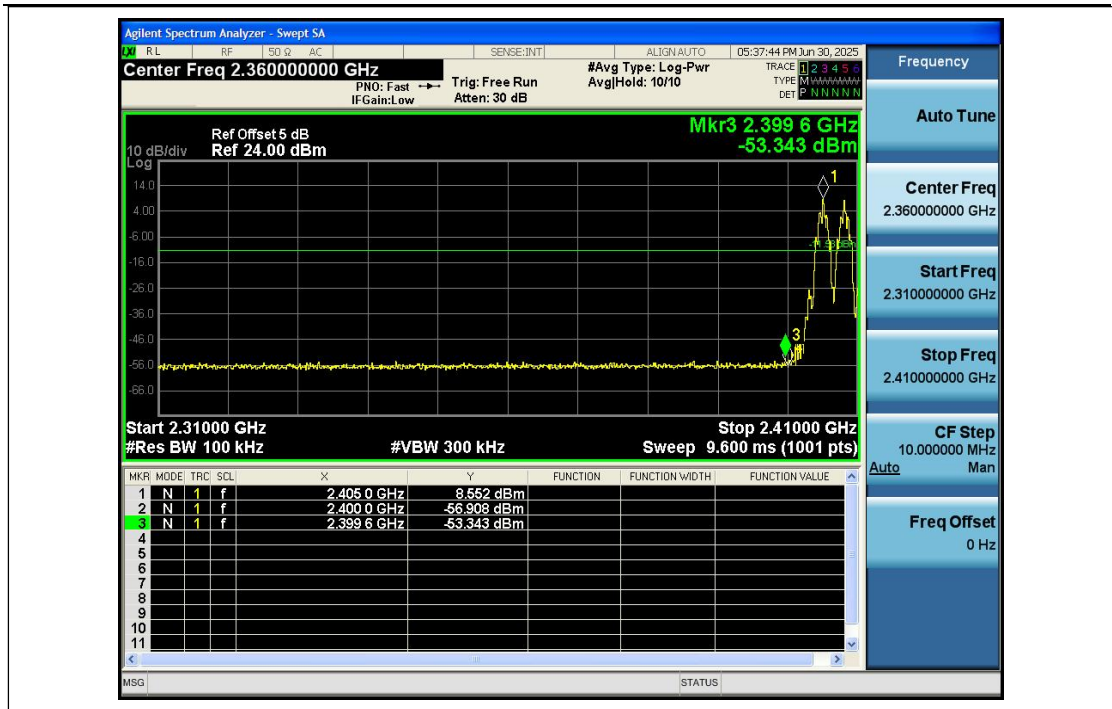
2_Bandedge_NVNT_ANT1_2.4G_2405_00



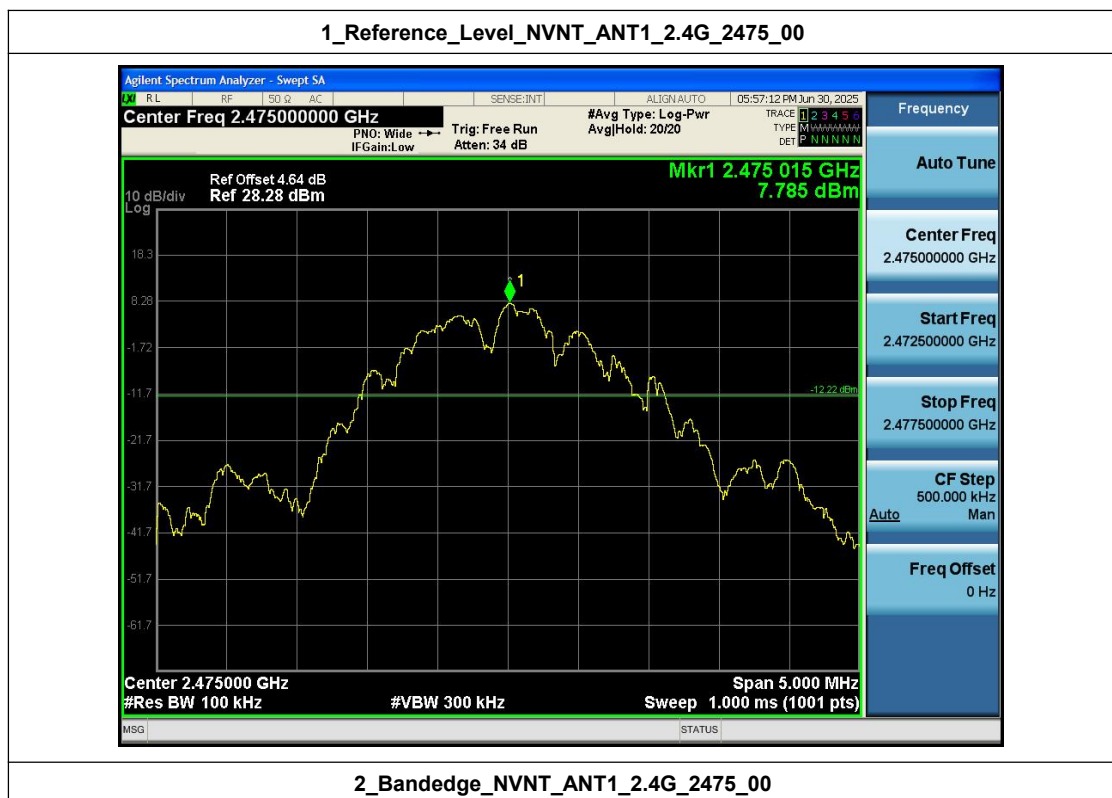
1_Reference_Level_Hopping_NVNT_ANT1_2.4G_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2.4G_Hopping



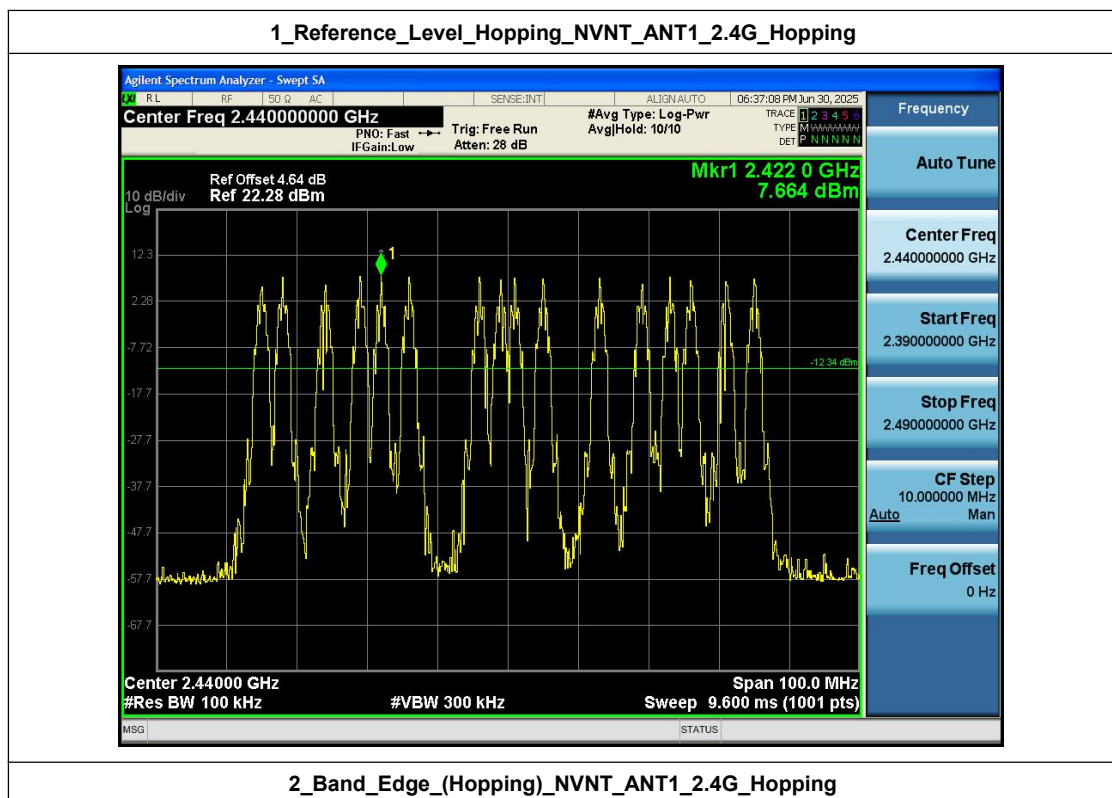
1_Reference_Level_NVNT_ANT1_2.4G_2475_00



2_Bandedge_NVNT_ANT1_2.4G_2475_00



1_Reference_Level_Hopping_NVNT_ANT1_2.4G_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2.4G_Hopping



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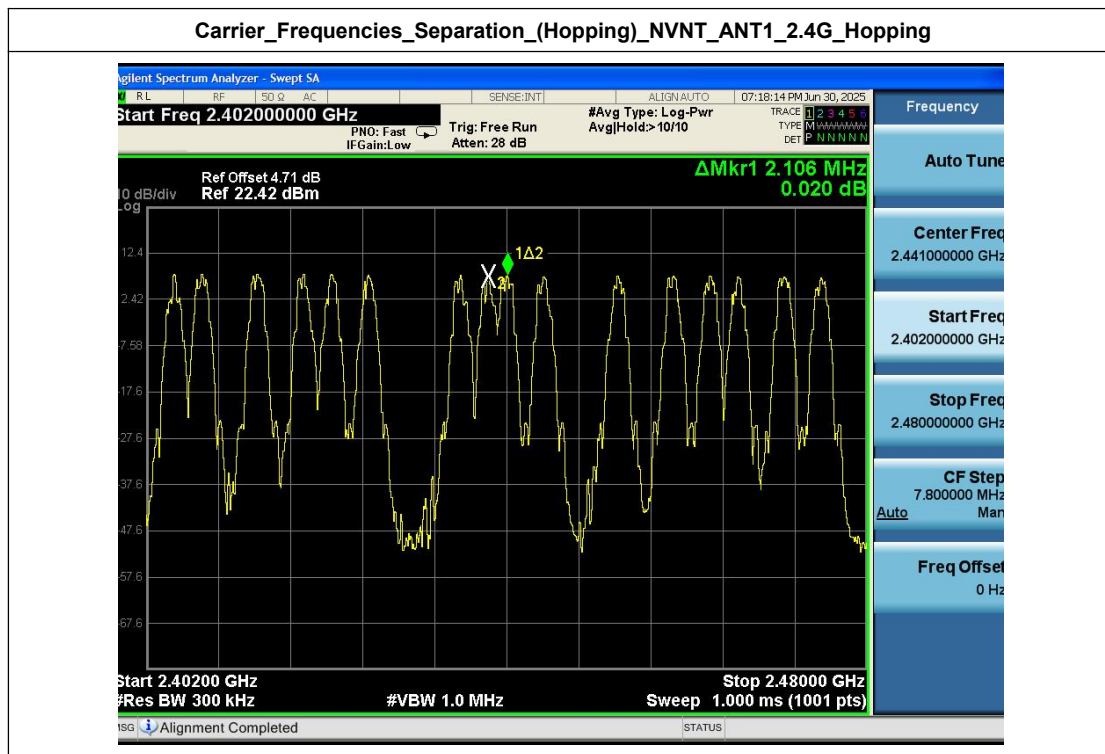
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Appendix G: Carrier Frequencies Separation (Hopping)

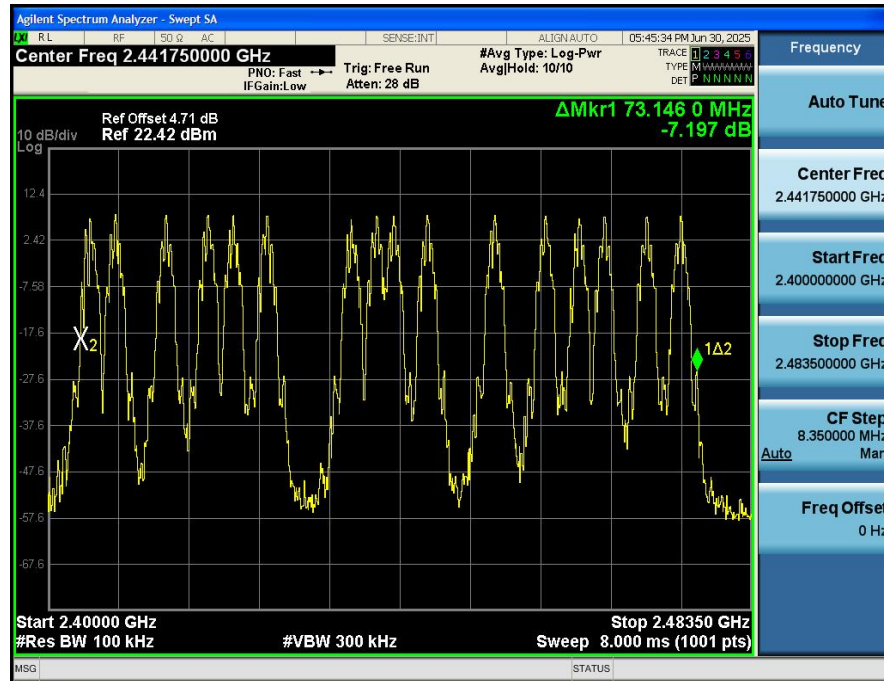
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	2.4G	2445.00	2438.989	2441.095	2.106	1.206	Pass



Appendix H: Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	2.4G	16	15	Pass

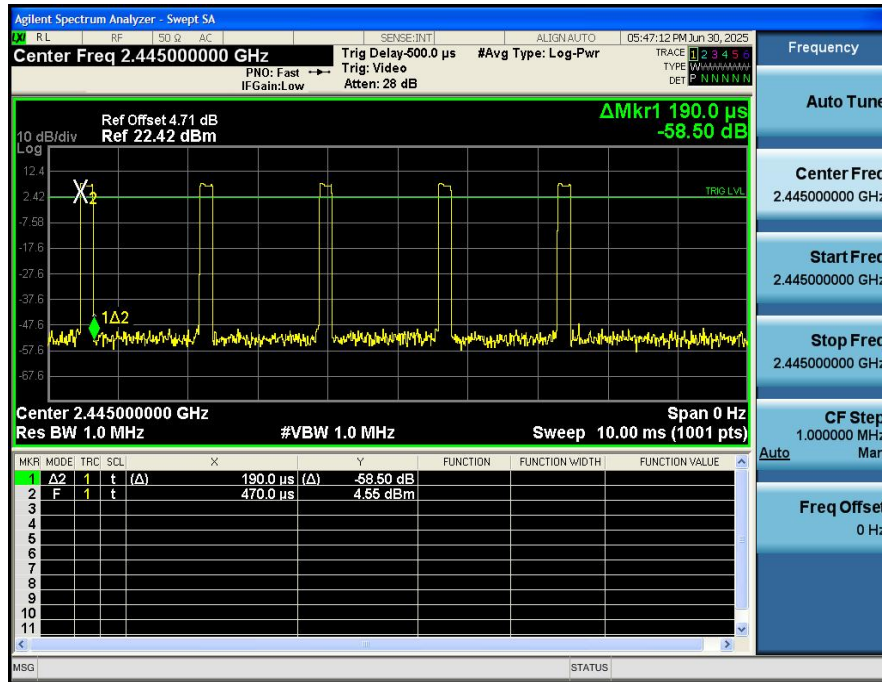
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2.4G_Hopping



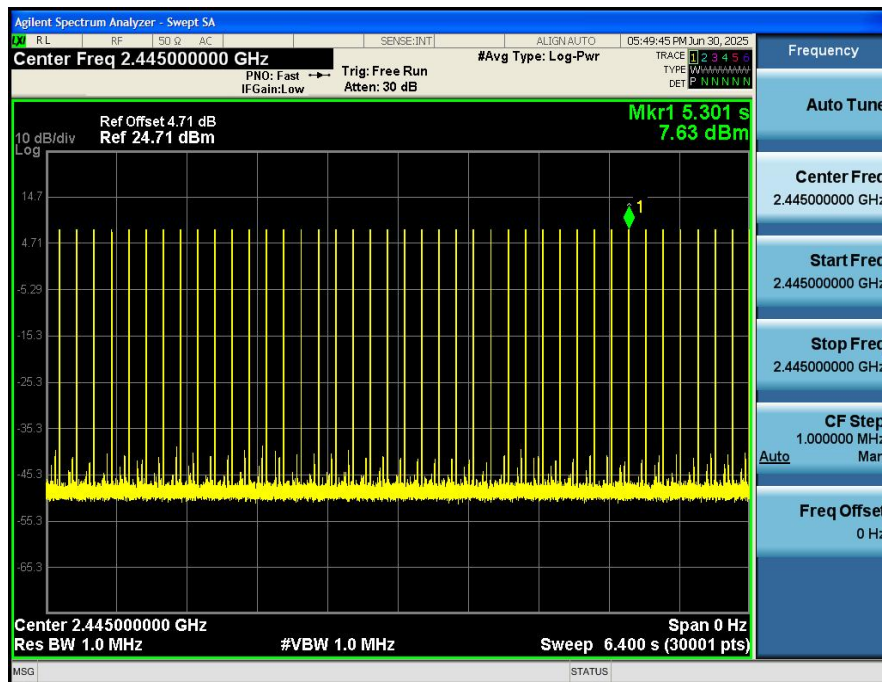
Appendix I: Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	2.4G	0.190	205.00	38.950	0.40	Pass

Dwell_Time_(Hopping)_NVNT_ANT1_2.4G_2445_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_2.4G_2445_00_Accumulated



---END---