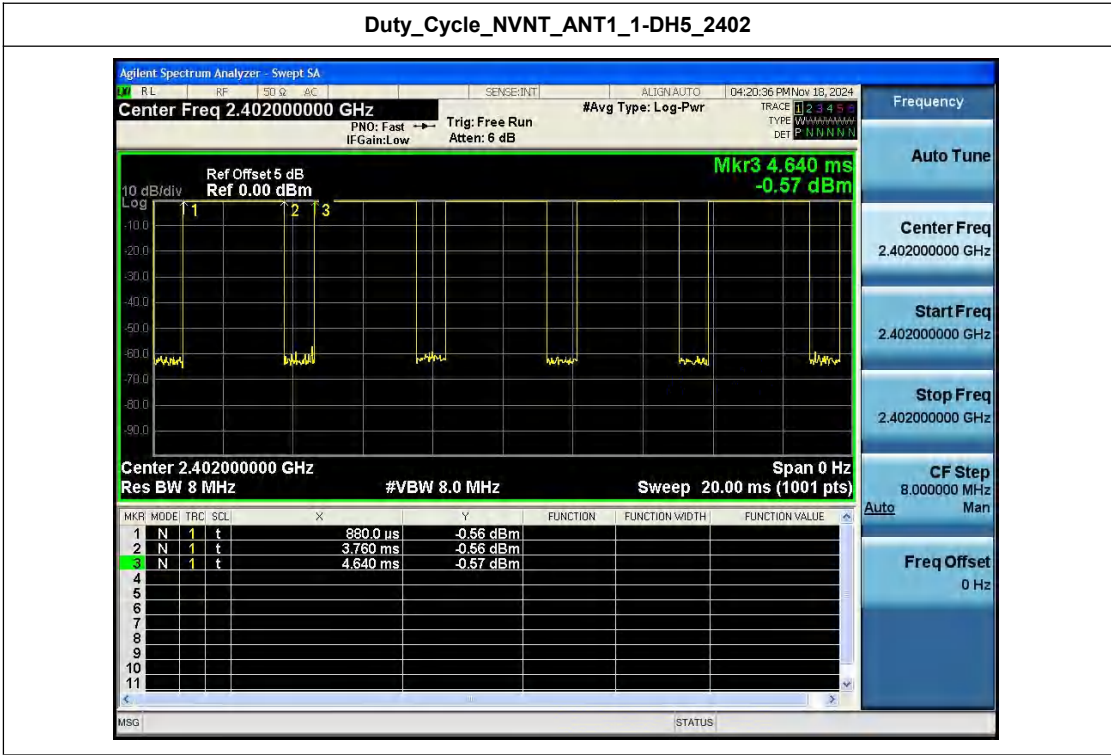


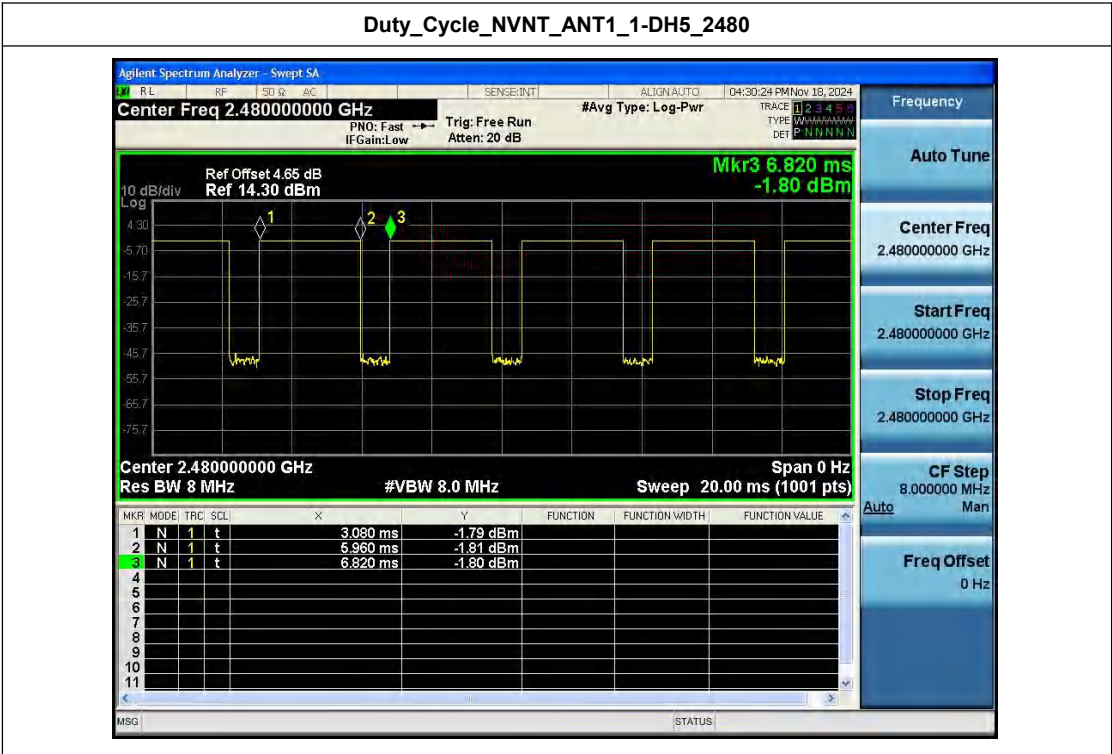
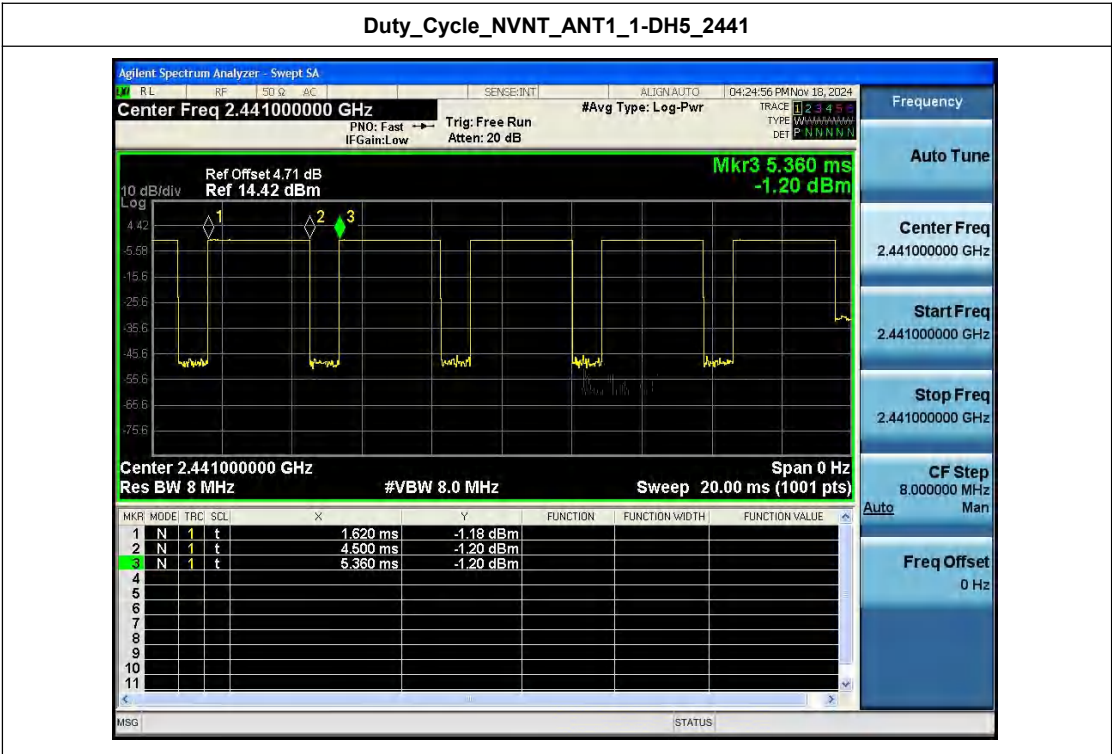
Appendix Test Data

Report No.:	1812C40121412501	Test Sample No.:	1-2-2
Start Test Date:	2024.11.8	Finish Test Date:	2024.11.28
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	22.9℃	Relative Humidity:	51%
Pressure:	101kPa		

Appendix A: Duty Cycle

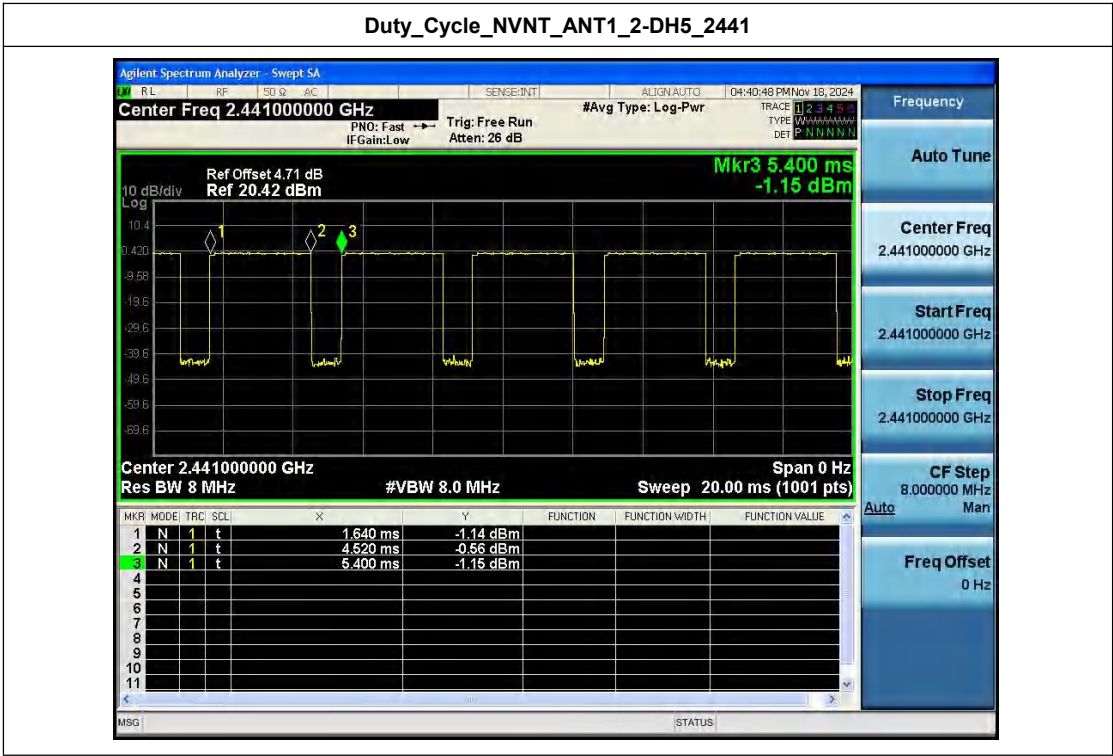
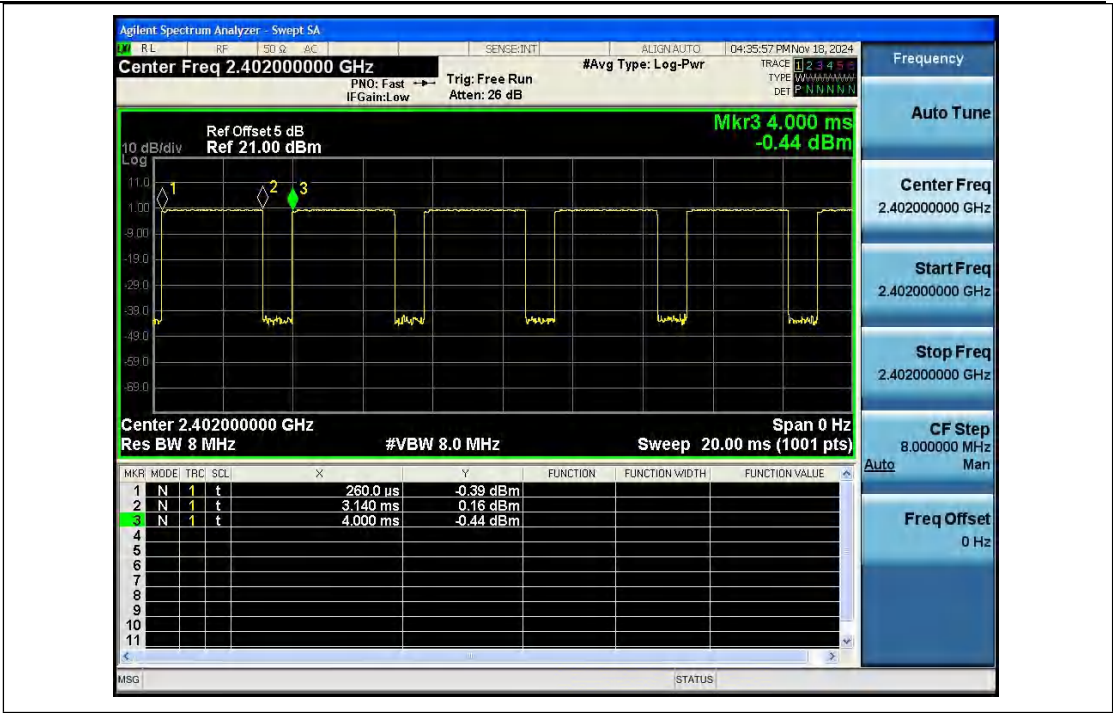
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH5	2402.00	77.13	1.13
NVNT	ANT1	1-DH5	2441.00	77.54	1.10
NVNT	ANT1	1-DH5	2480.00	77.54	1.10
NVNT	ANT1	2-DH5	2402.00	77.01	1.13
NVNT	ANT1	2-DH5	2441.00	77.13	1.13
NVNT	ANT1	2-DH5	2480.00	77.13	1.13
NVNT	ANT1	3-DH5	2402.00	77.66	1.10
NVNT	ANT1	3-DH5	2441.00	76.60	1.16
NVNT	ANT1	3-DH5	2480.00	77.54	1.10

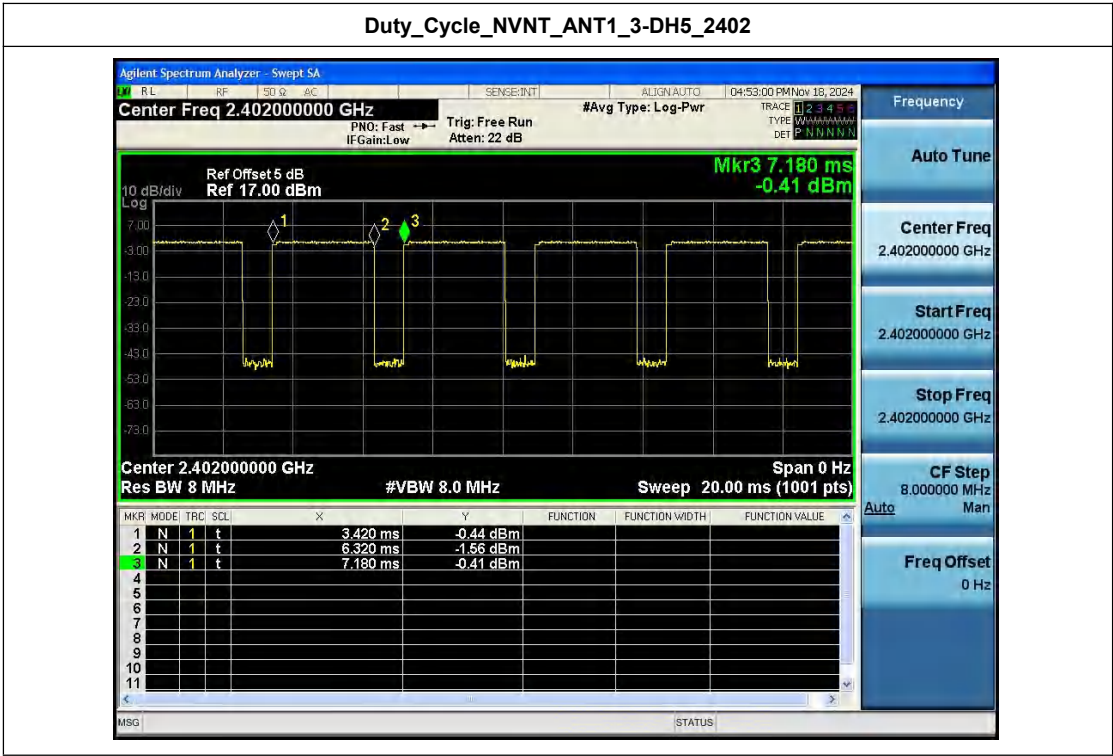
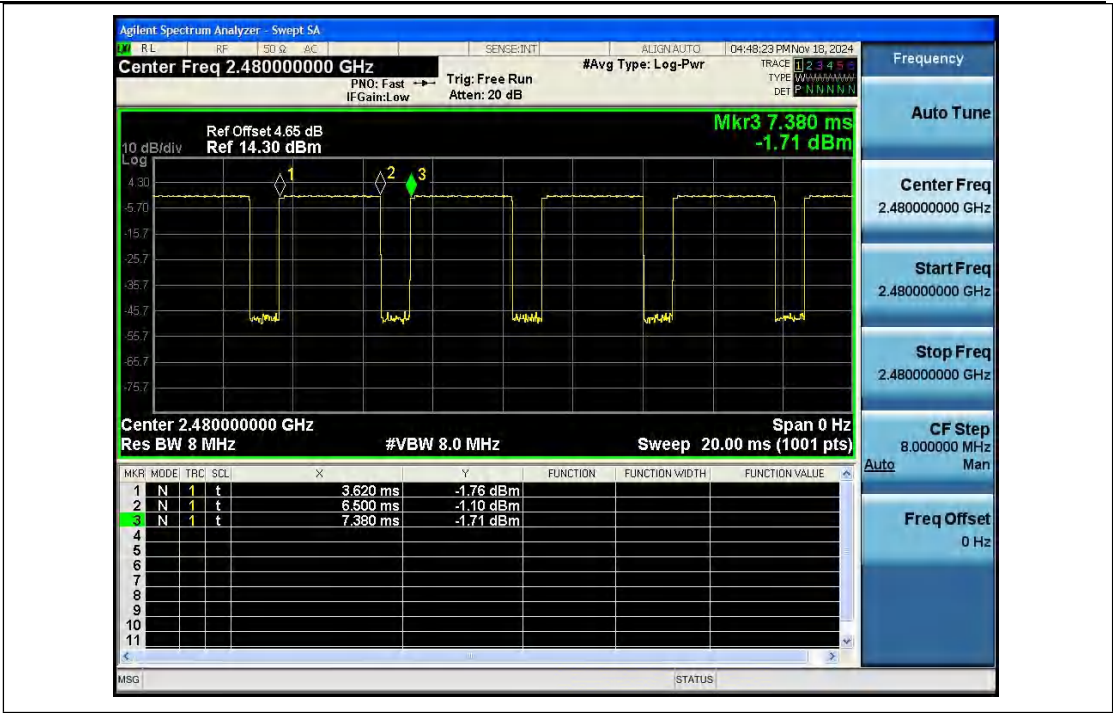




Duty_Cycle_NVNT_ANT1_2-DH5_2402

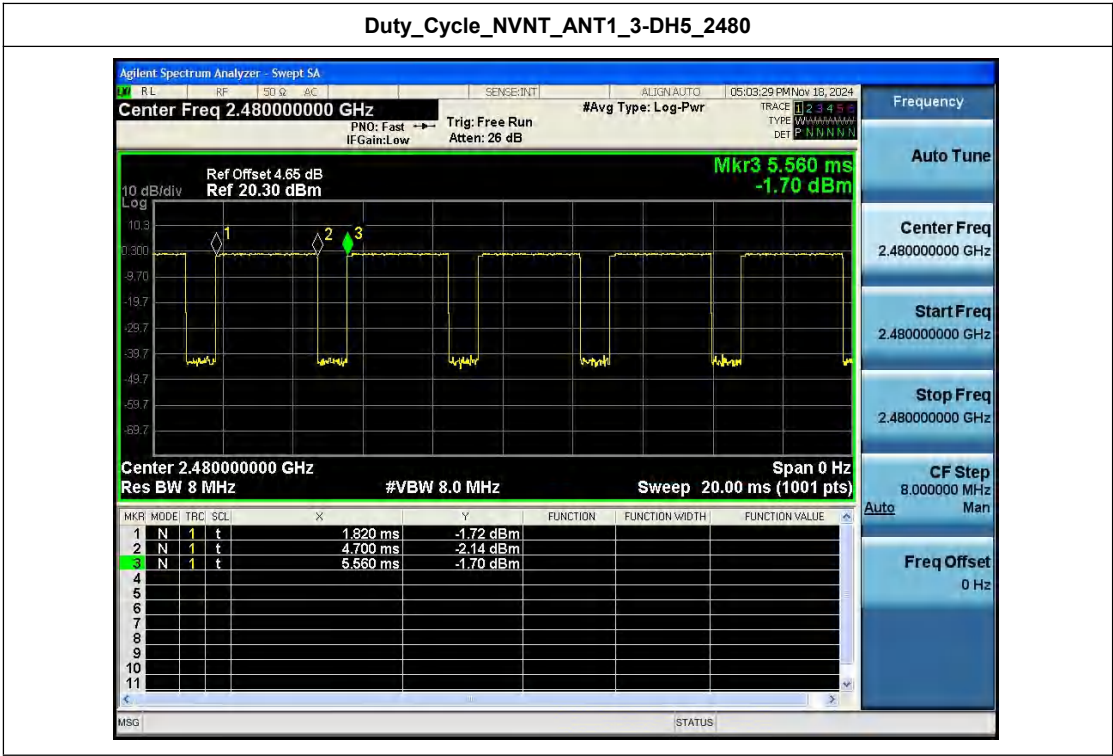
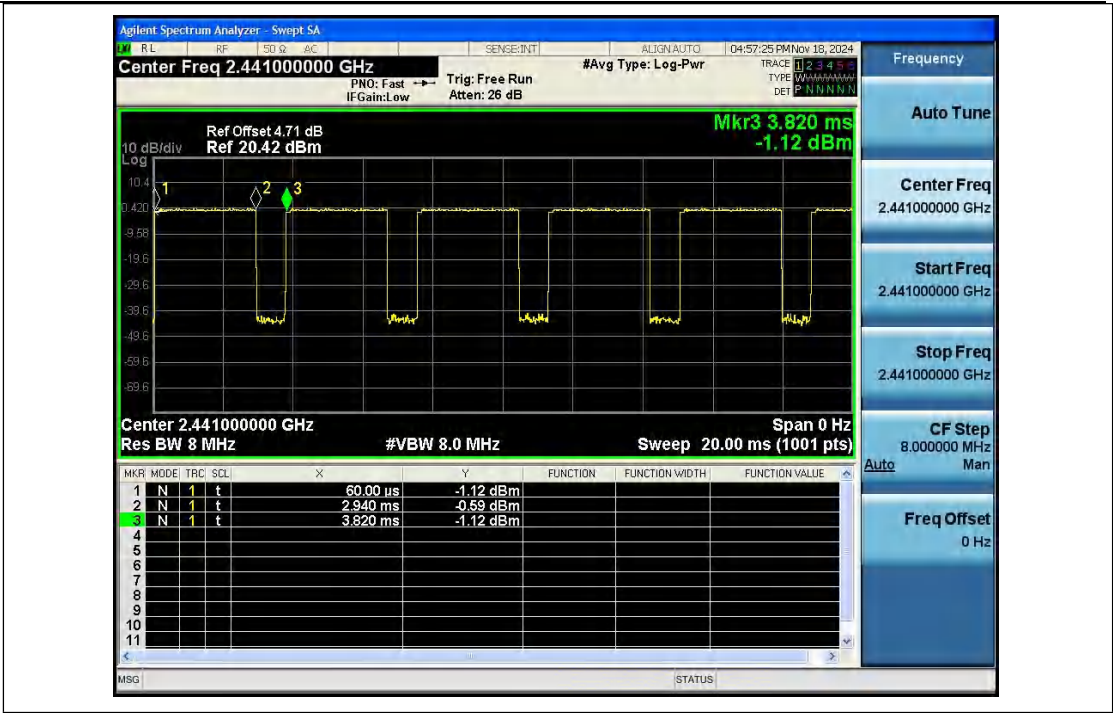






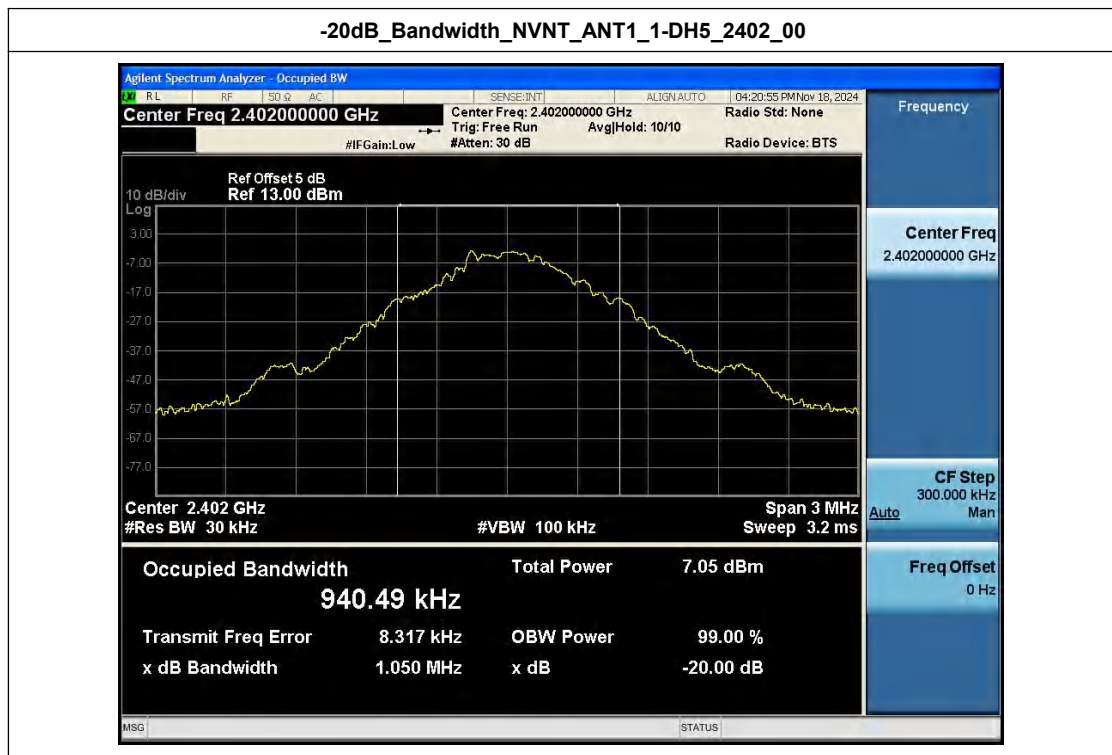
Duty_Cycle_NVNT_ANT1_3-DH5_2441

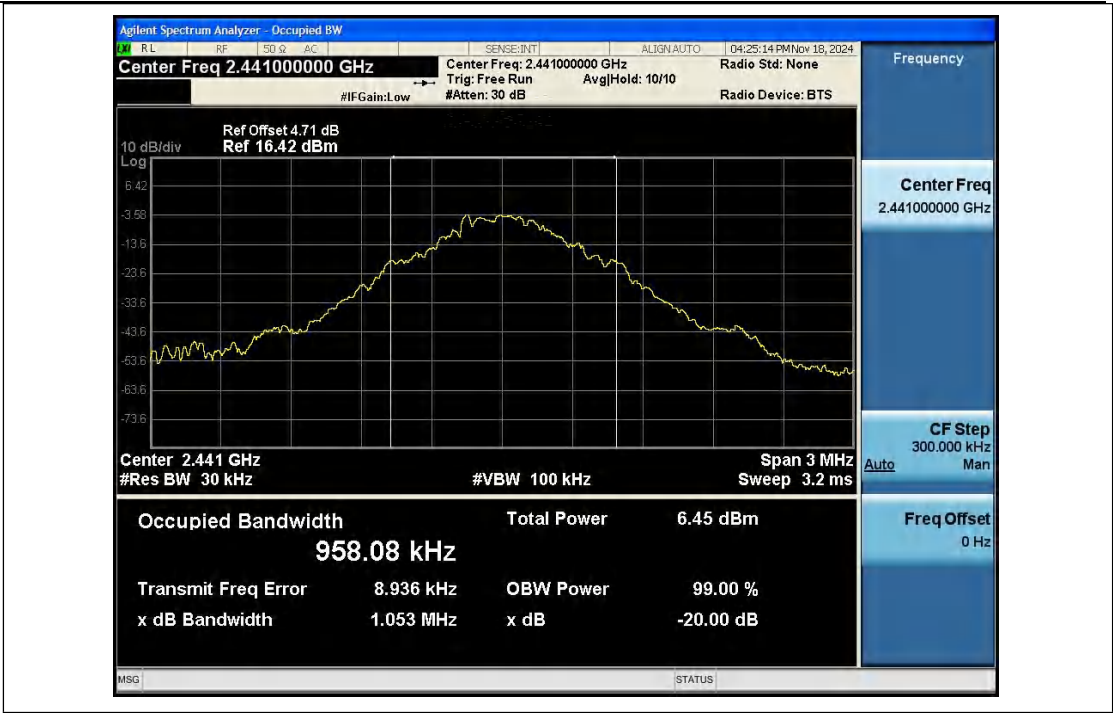




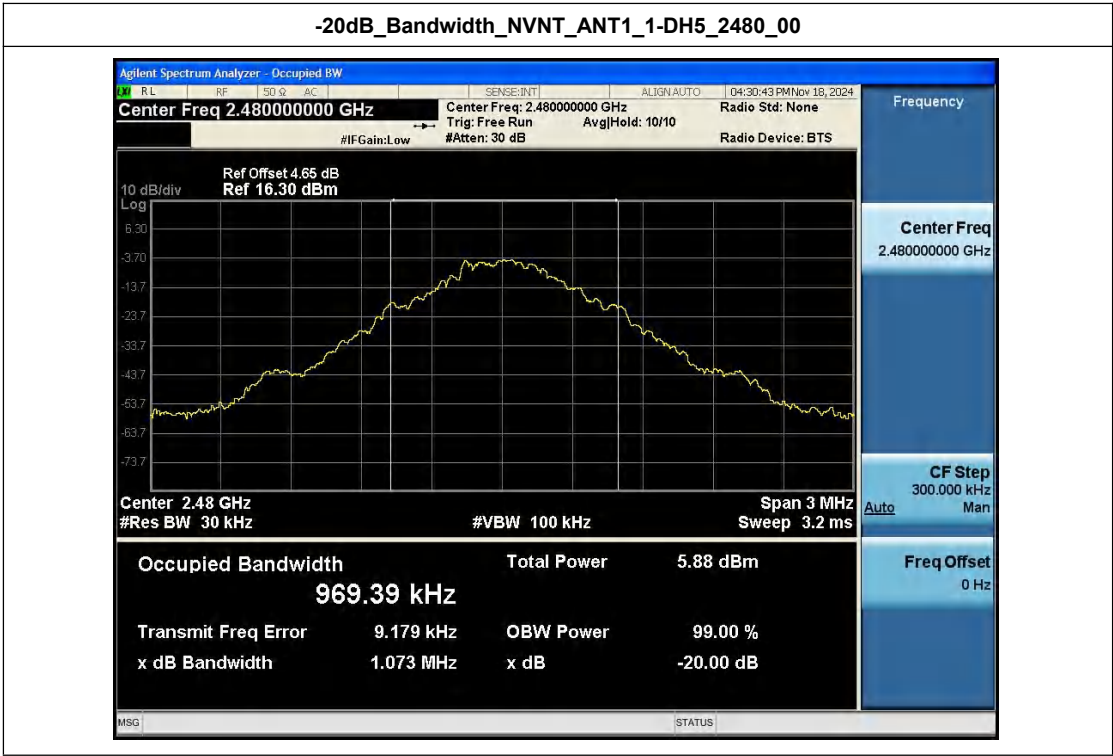
Appendix B: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.050	Yes
NVNT	ANT1	1-DH5	2441.00	1.053	Yes
NVNT	ANT1	1-DH5	2480.00	1.073	Yes
NVNT	ANT1	2-DH5	2402.00	1.339	Yes
NVNT	ANT1	2-DH5	2441.00	1.335	Yes
NVNT	ANT1	2-DH5	2480.00	1.345	Yes
NVNT	ANT1	3-DH5	2402.00	1.305	Yes
NVNT	ANT1	3-DH5	2441.00	1.303	Yes
NVNT	ANT1	3-DH5	2480.00	1.300	Yes



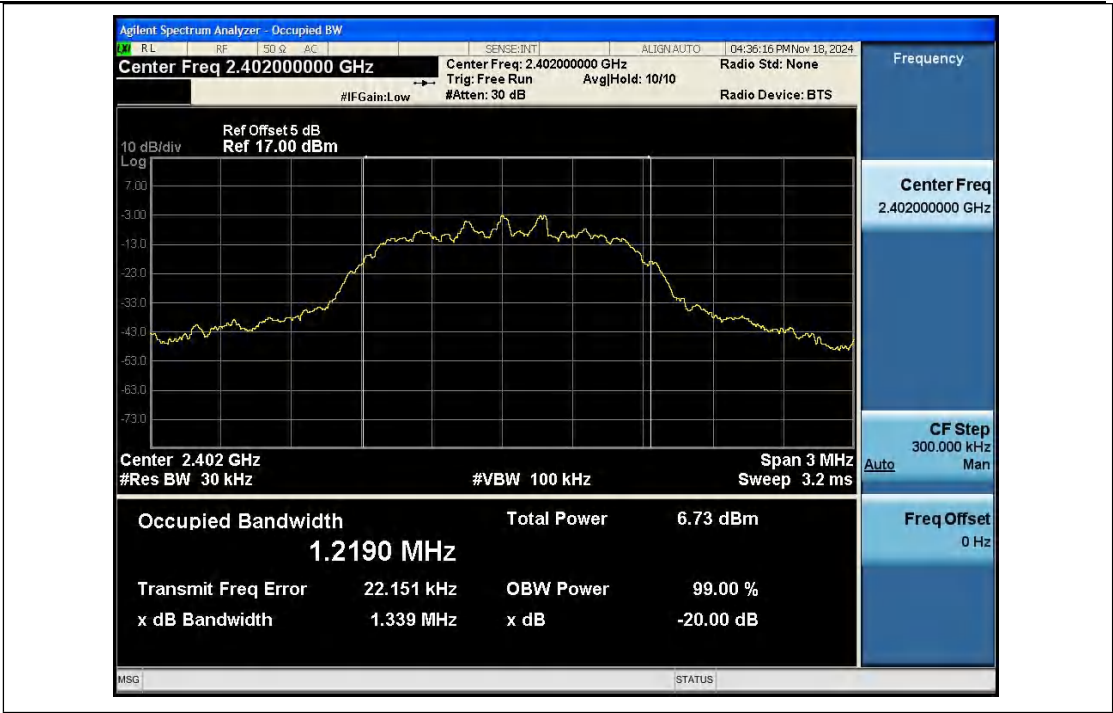


-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480_00

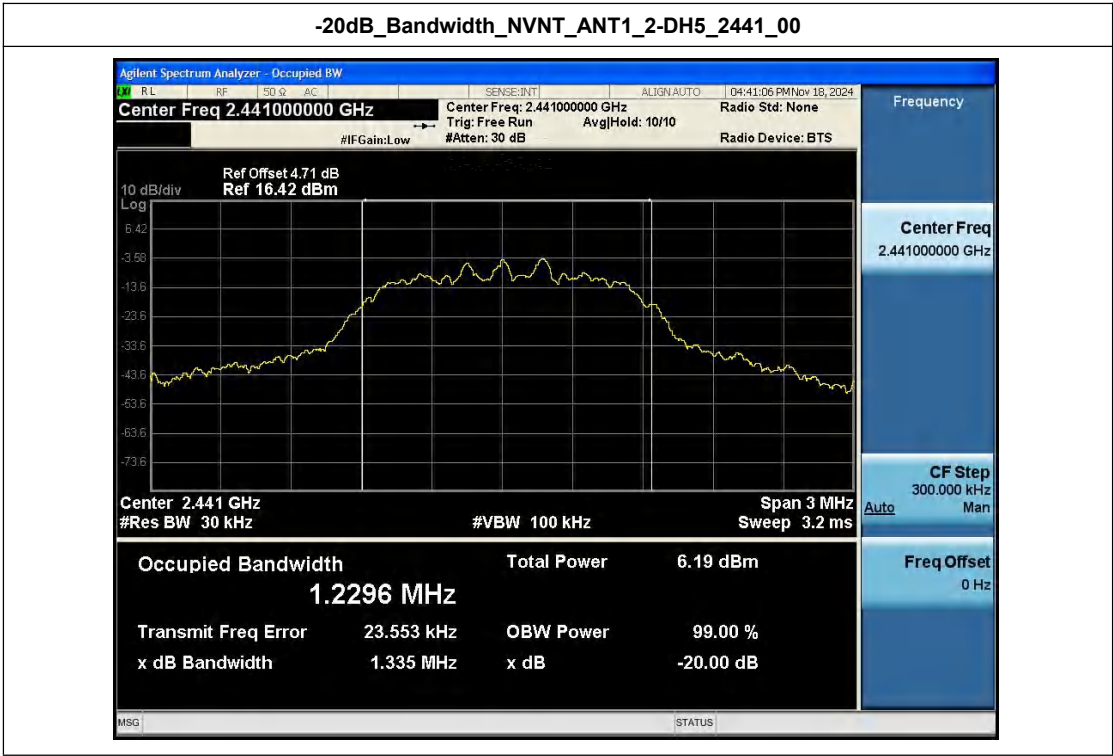


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00



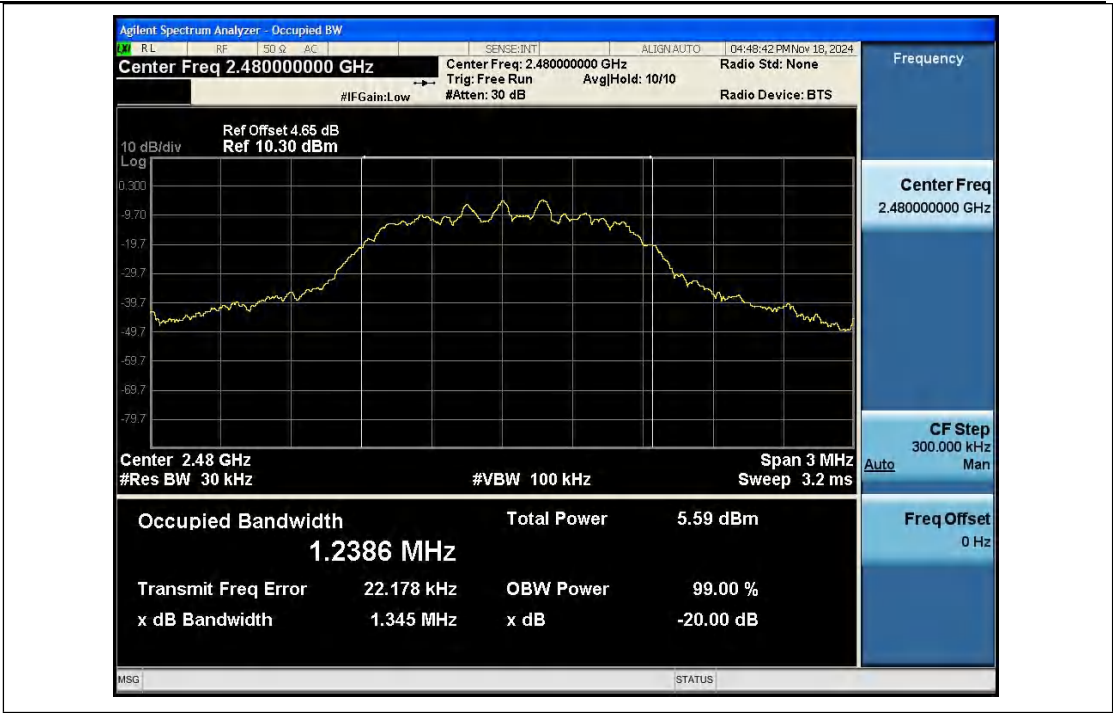


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00

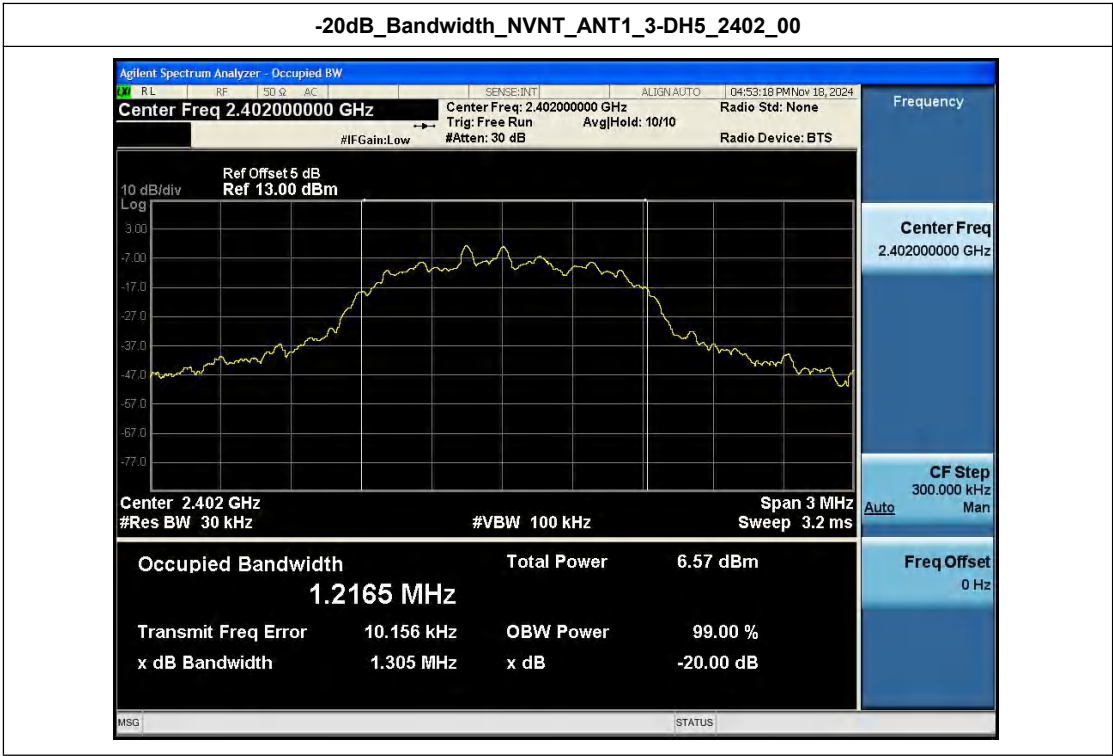


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00



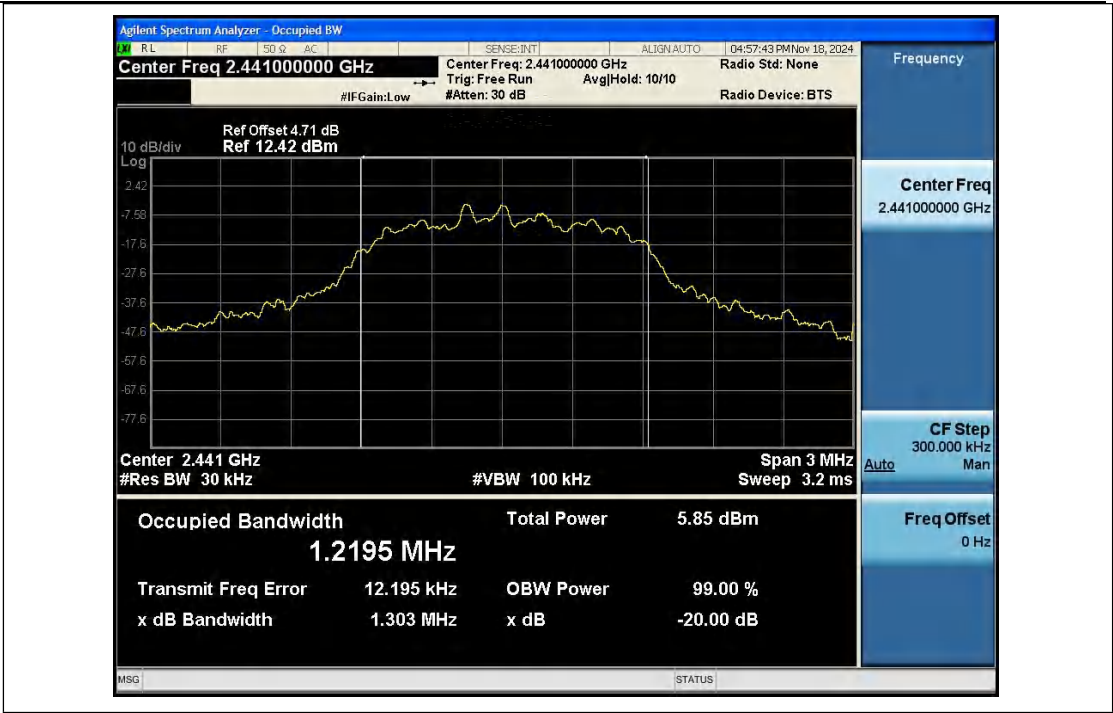


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402_00

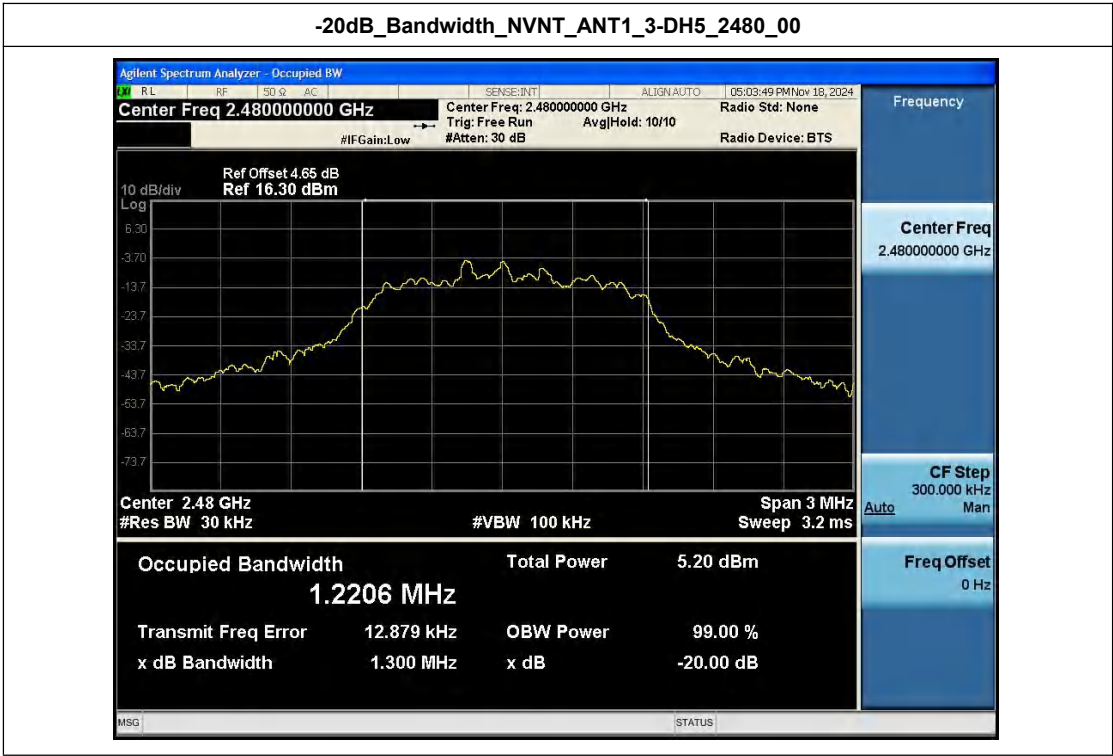


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00





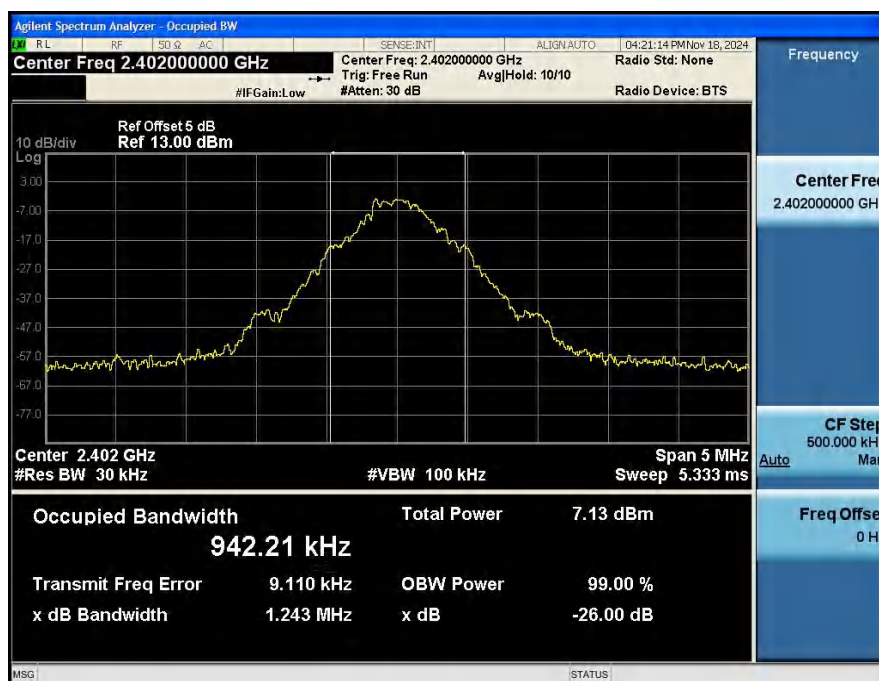
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480_00



Appendix C: 99% Occupied Bandwidth

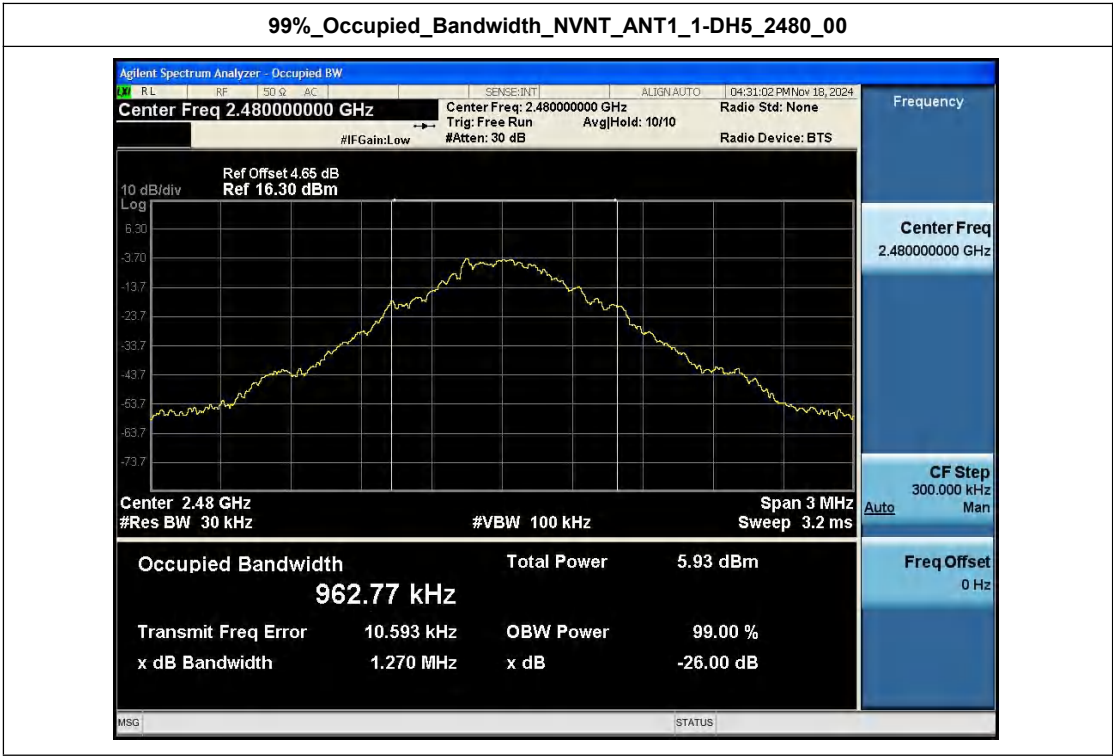
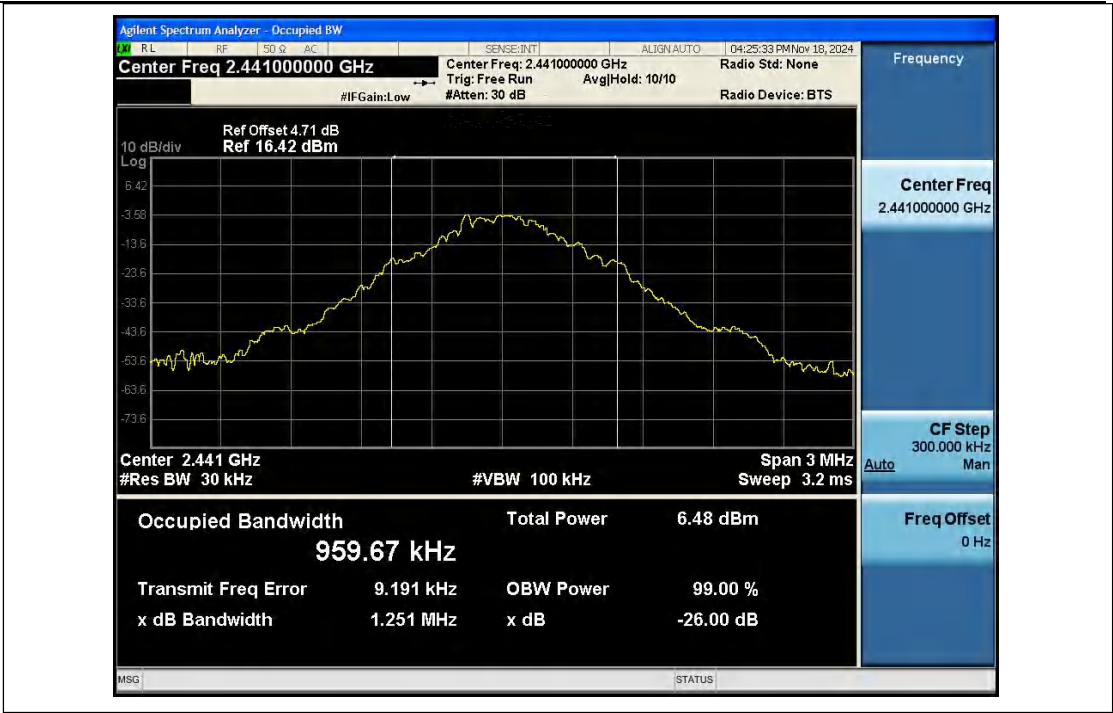
Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.942
NVNT	ANT1	1-DH5	2441.00	0.960
NVNT	ANT1	1-DH5	2480.00	0.963
NVNT	ANT1	2-DH5	2402.00	1.217
NVNT	ANT1	2-DH5	2441.00	1.231
NVNT	ANT1	2-DH5	2480.00	1.237
NVNT	ANT1	3-DH5	2402.00	1.215
NVNT	ANT1	3-DH5	2441.00	1.220
NVNT	ANT1	3-DH5	2480.00	1.219

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402_00



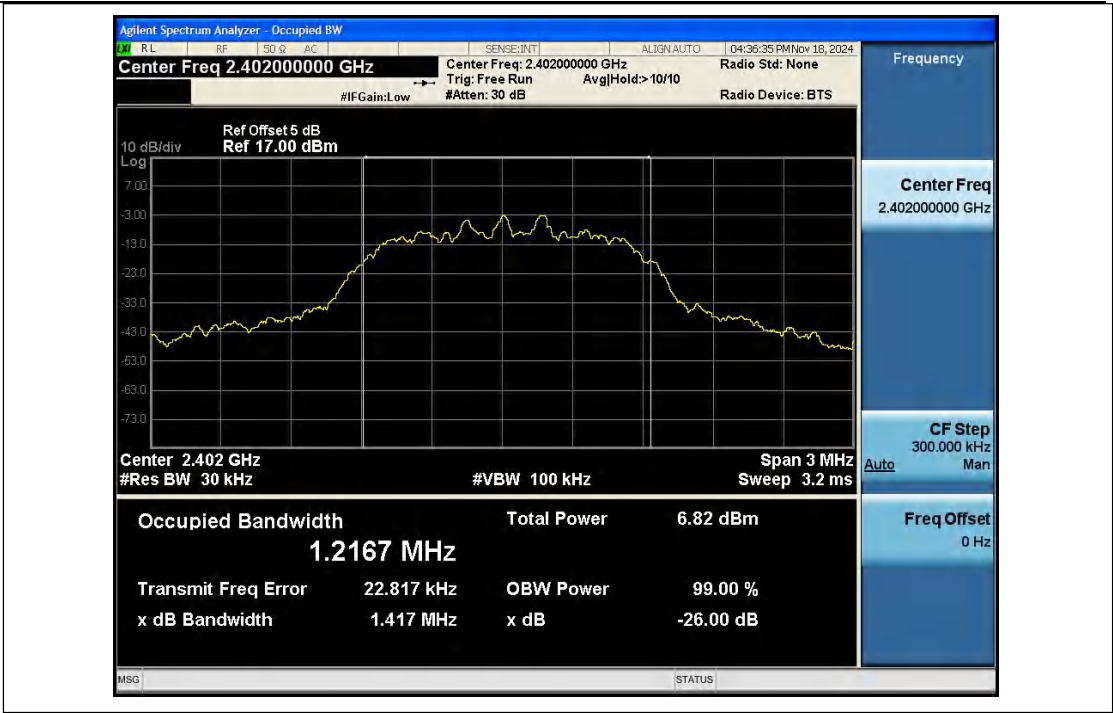
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00



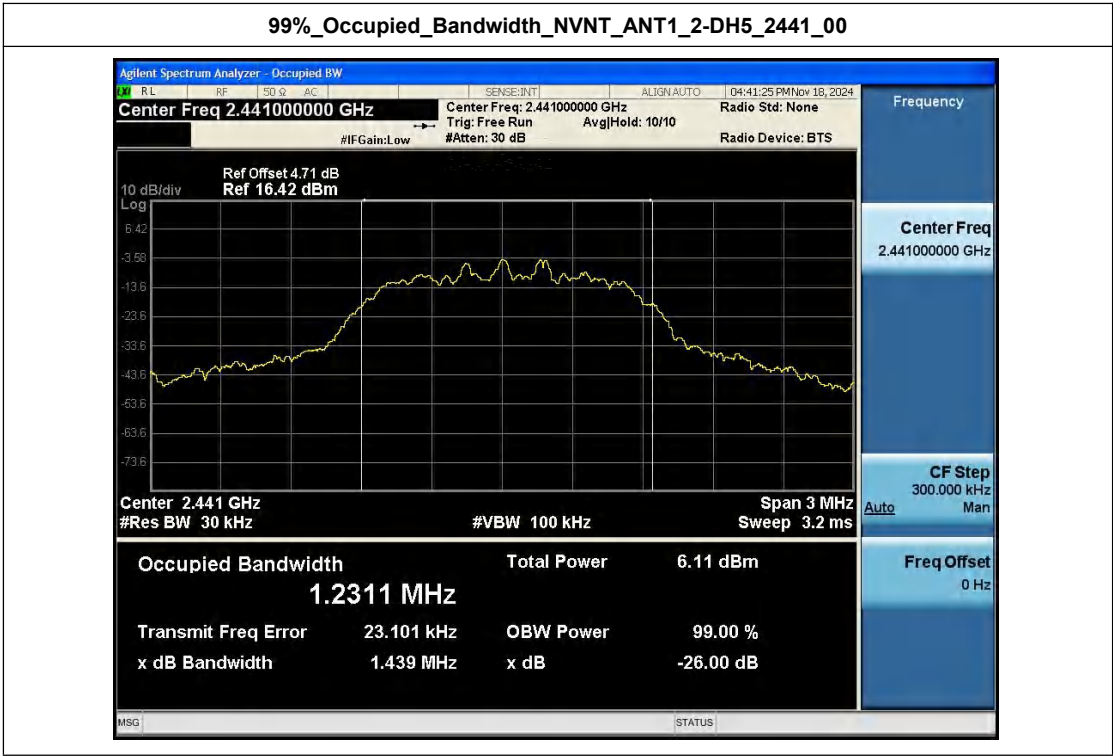


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



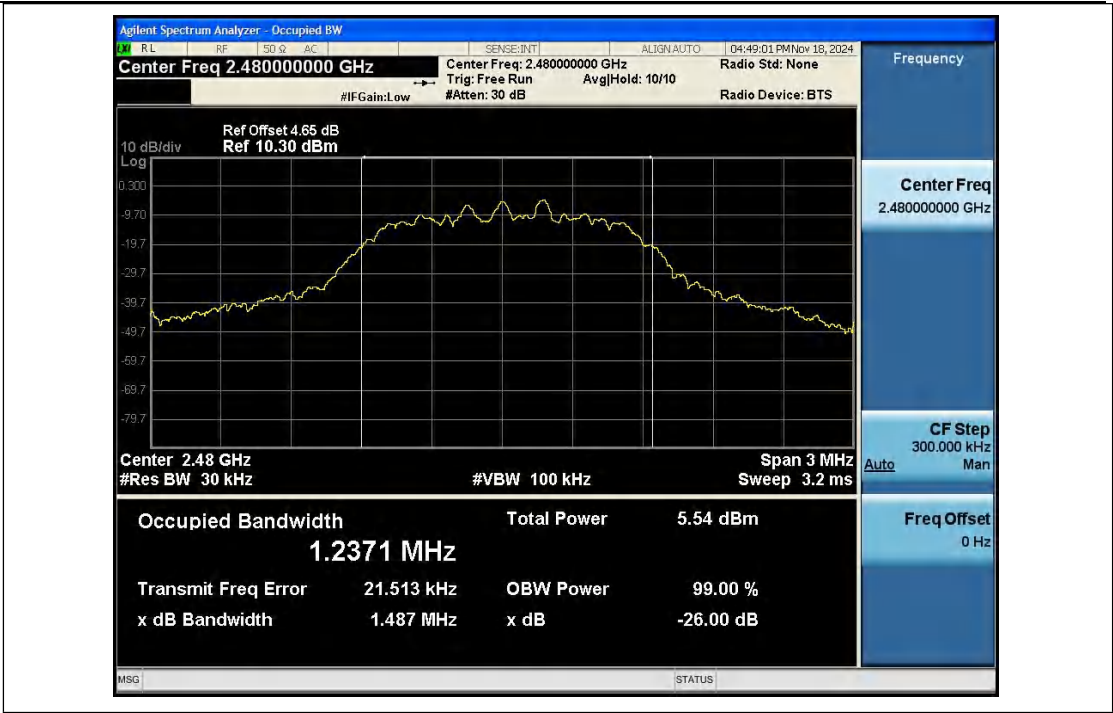


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00

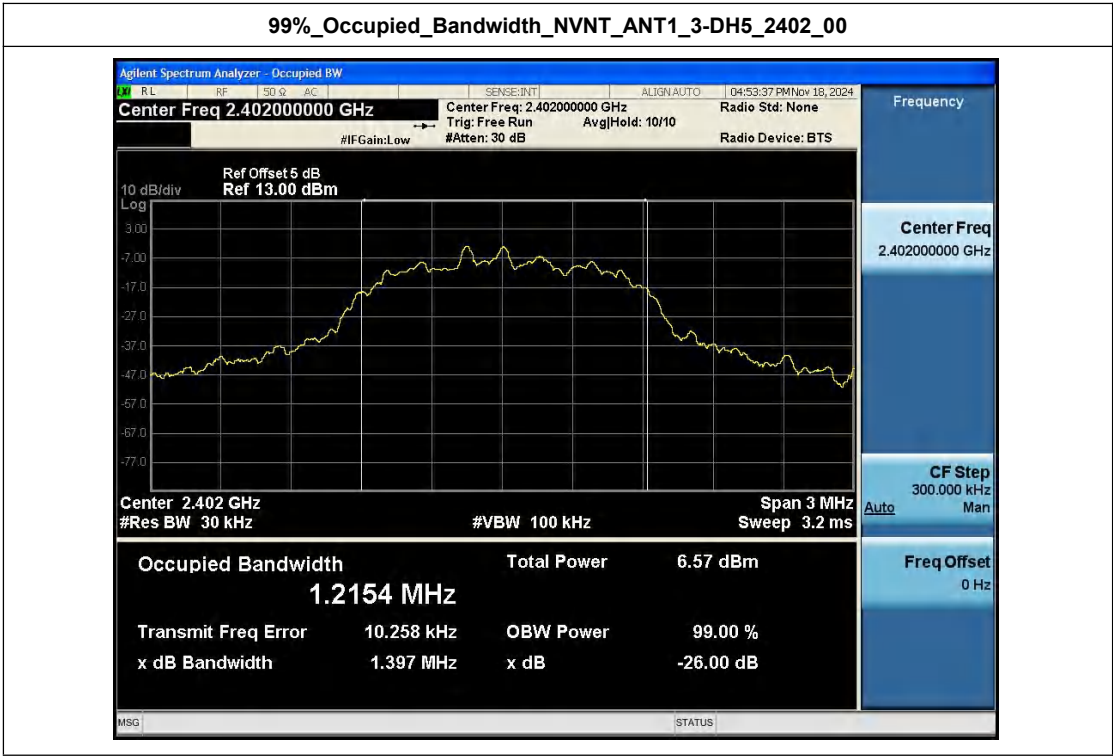


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00



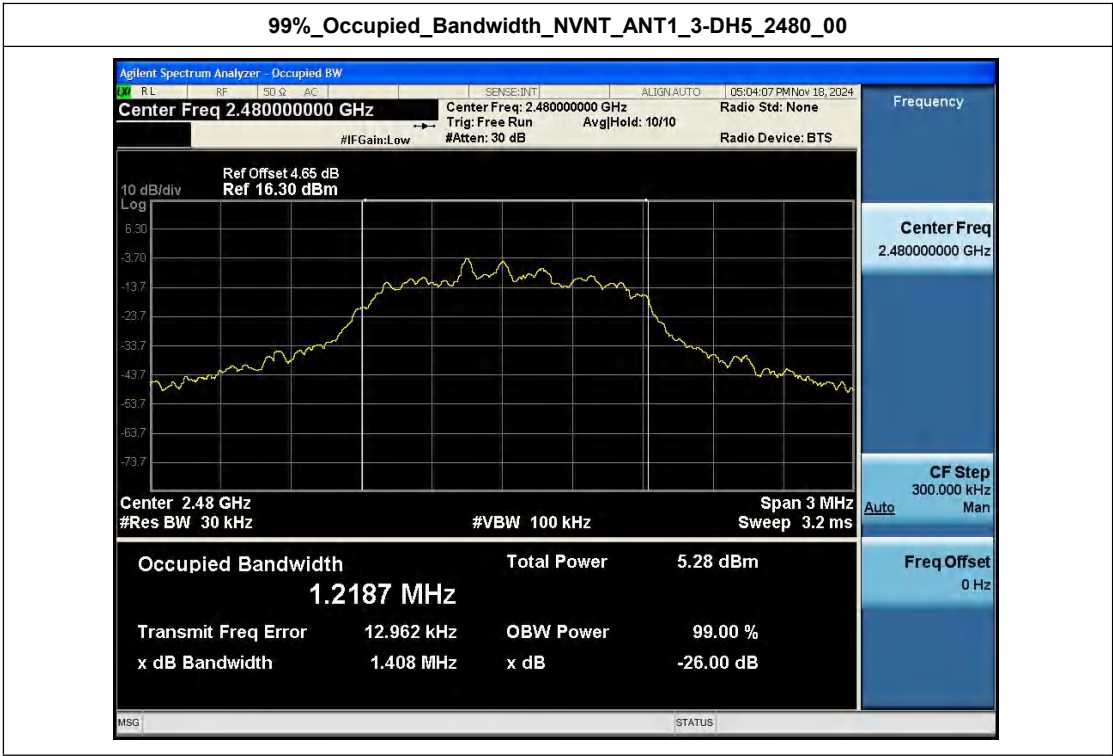
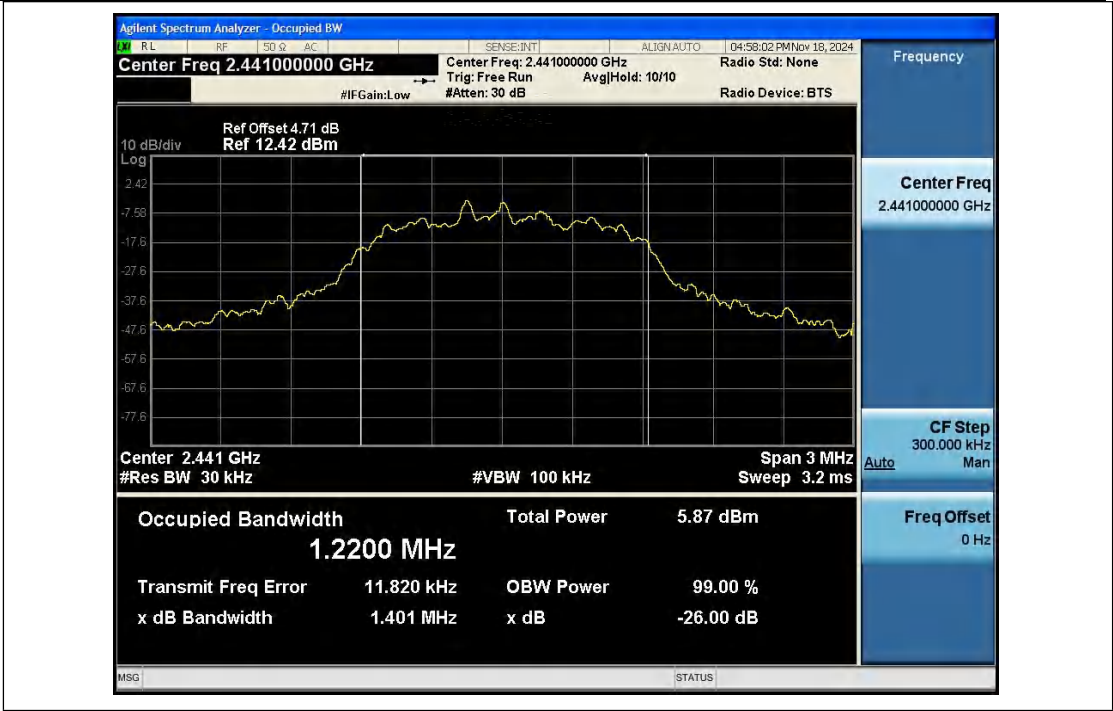


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402_00



99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441_00





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	-0.49	0.89	125	Pass
NVNT	ANT1	1-DH5	2441.00	-1.02	0.79	125	Pass
NVNT	ANT1	1-DH5	2480.00	-1.78	0.66	125	Pass
NVNT	ANT1	2-DH5	2402.00	0.41	1.10	125	Pass
NVNT	ANT1	2-DH5	2441.00	-0.35	0.92	125	Pass
NVNT	ANT1	2-DH5	2480.00	-0.92	0.81	125	Pass
NVNT	ANT1	3-DH5	2402.00	0.84	1.21	125	Pass
NVNT	ANT1	3-DH5	2441.00	0.08	1.02	125	Pass
NVNT	ANT1	3-DH5	2480.00	-0.46	0.90	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH5_2402_00

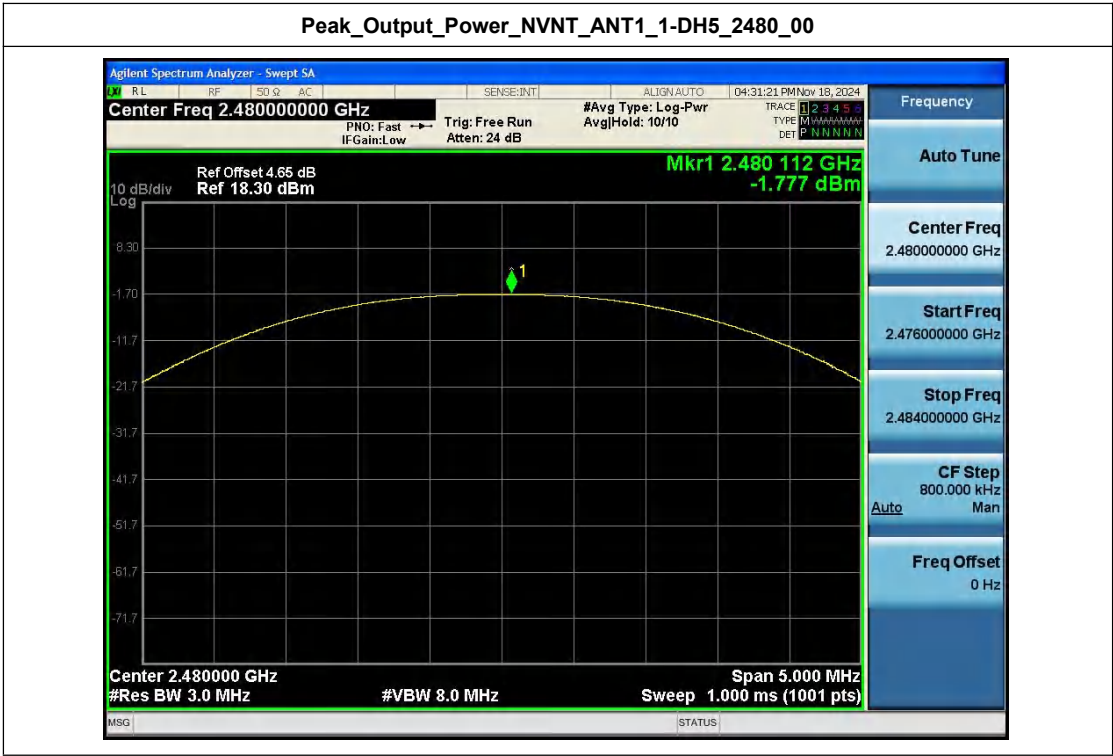


Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00





Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00

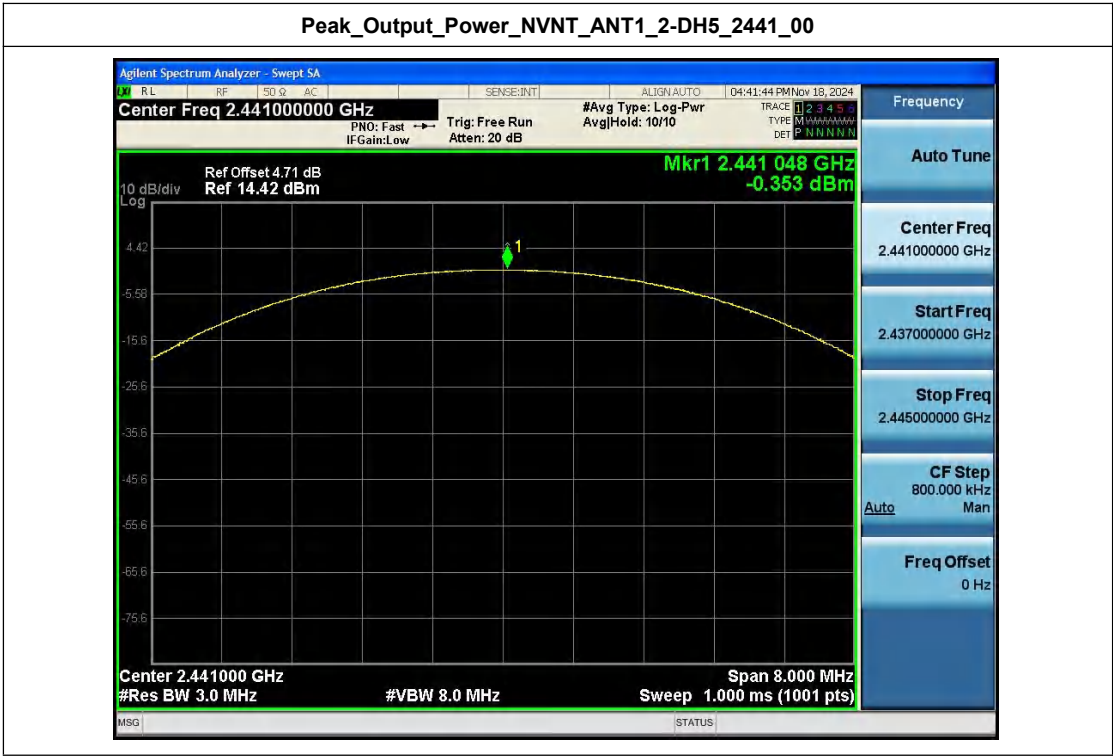


Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00





Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00

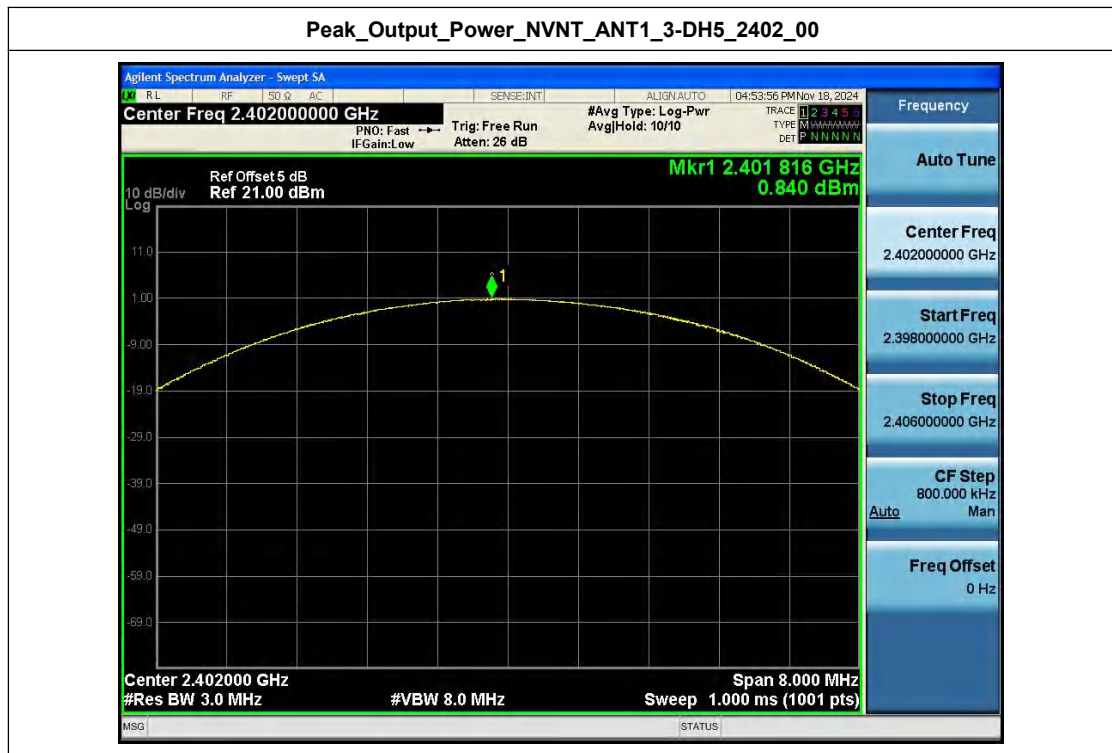


Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00





Peak_Output_Power_NVNT_ANT1_3-DH5_2402_00

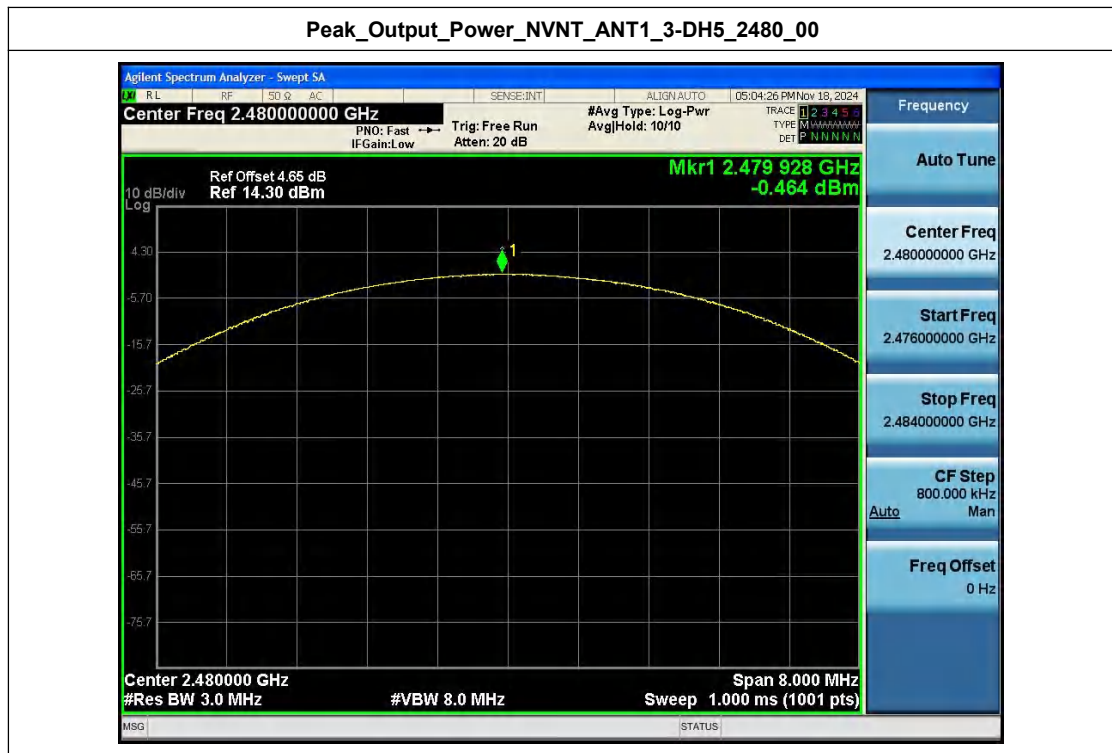


Peak_Output_Power_NVNT_ANT1_3-DH5_2441_00





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	-41.942	-20.758	Pass
NVNT	ANT1	1-DH5	2441.00	-40.845	-21.559	Pass
NVNT	ANT1	1-DH5	2480.00	-43.227	-22.178	Pass
NVNT	ANT1	2-DH5	2402.00	-43.867	-20.840	Pass
NVNT	ANT1	2-DH5	2441.00	-36.173	-21.480	Pass
NVNT	ANT1	2-DH5	2480.00	-45.896	-22.103	Pass
NVNT	ANT1	3-DH5	2402.00	-47.523	-20.853	Pass
NVNT	ANT1	3-DH5	2441.00	-41.839	-21.555	Pass
NVNT	ANT1	3-DH5	2480.00	-47.287	-22.101	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

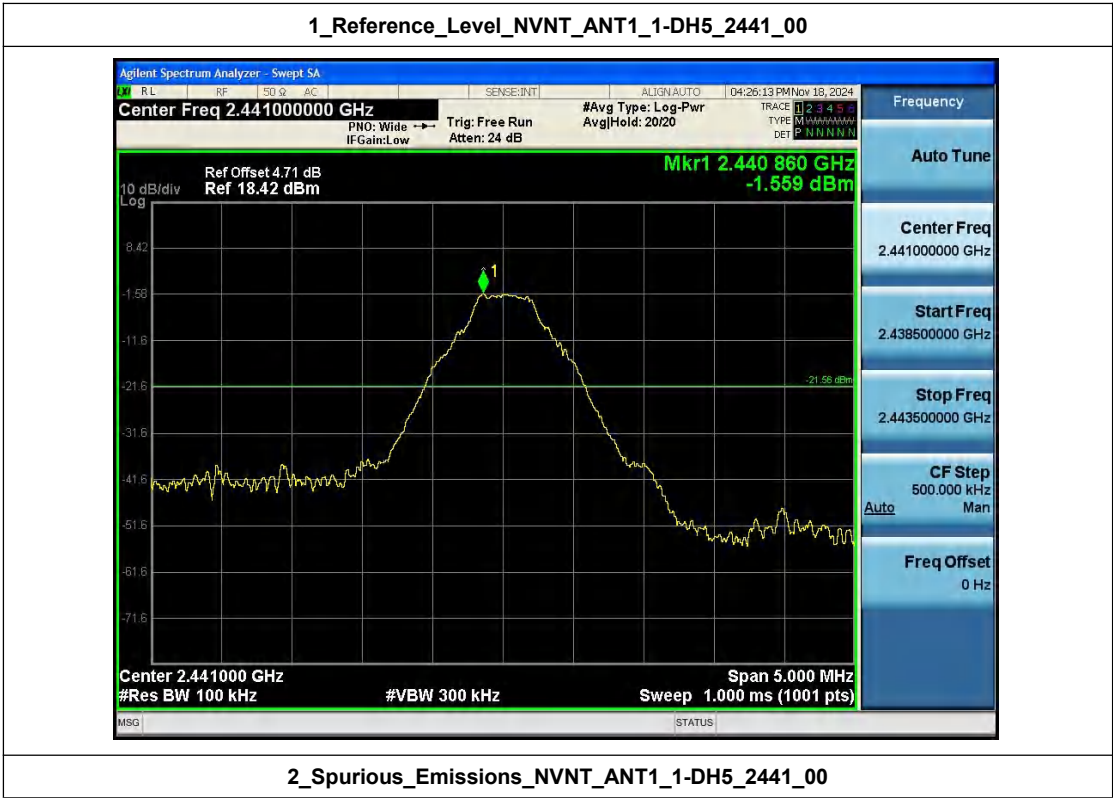


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



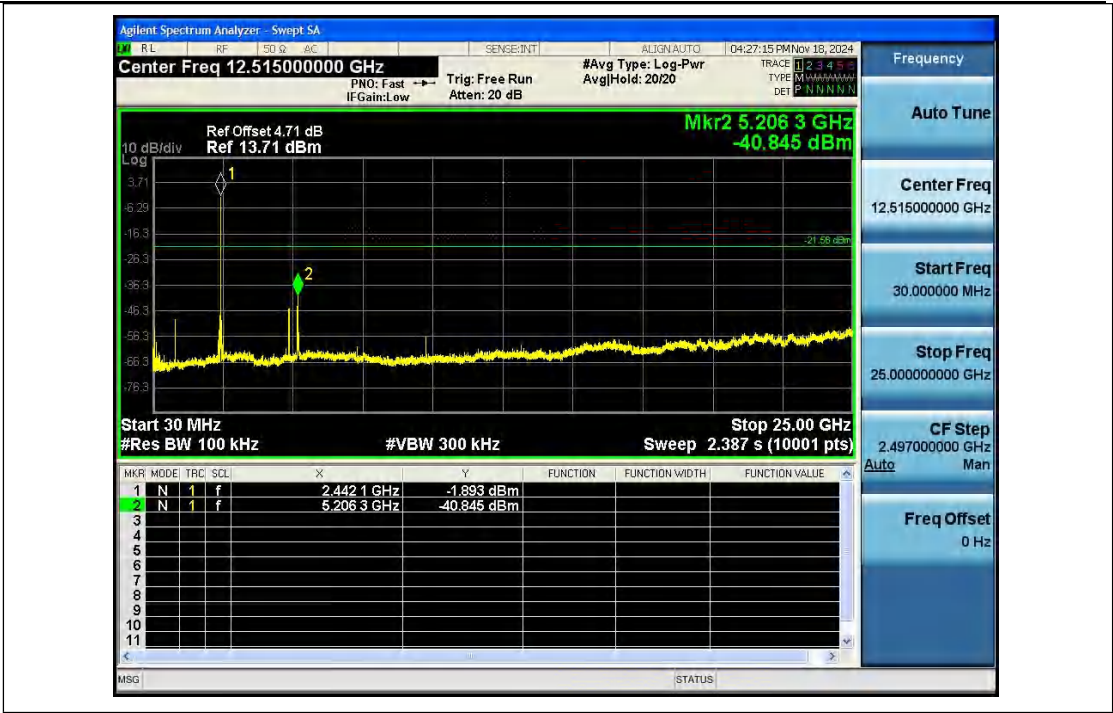


1_Reference_Level_NVNT_ANT1_1-DH5_2441_00

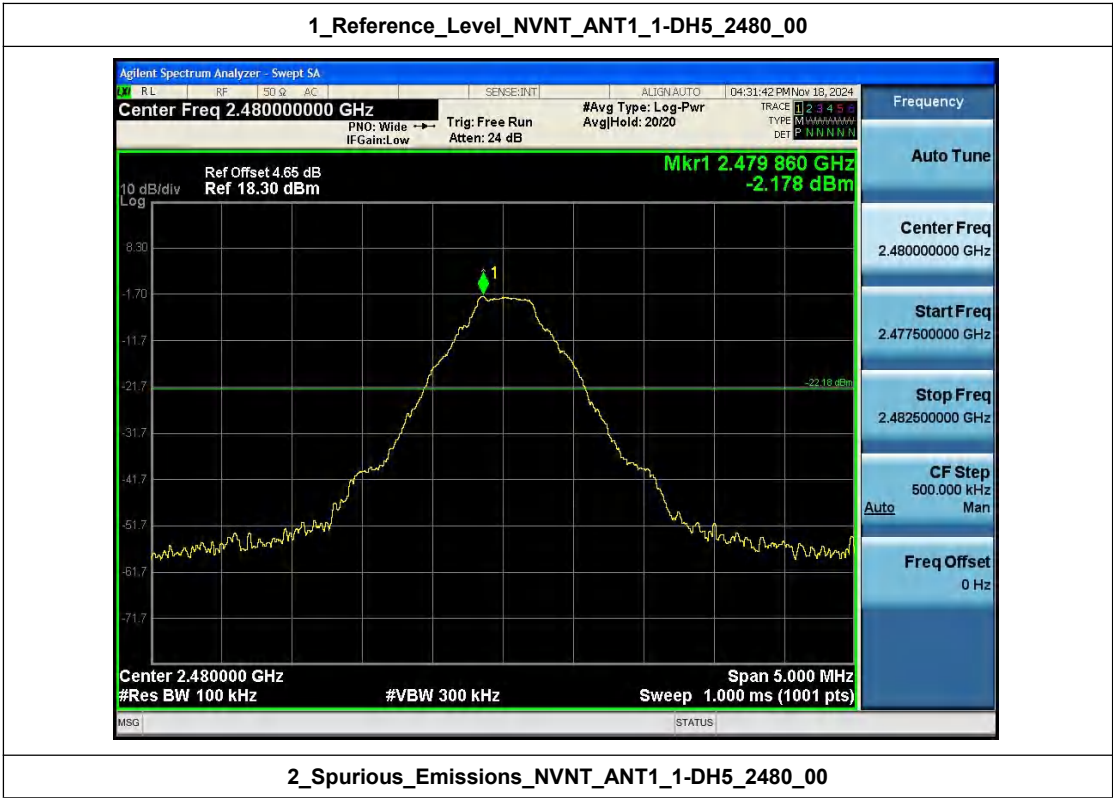


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00





1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

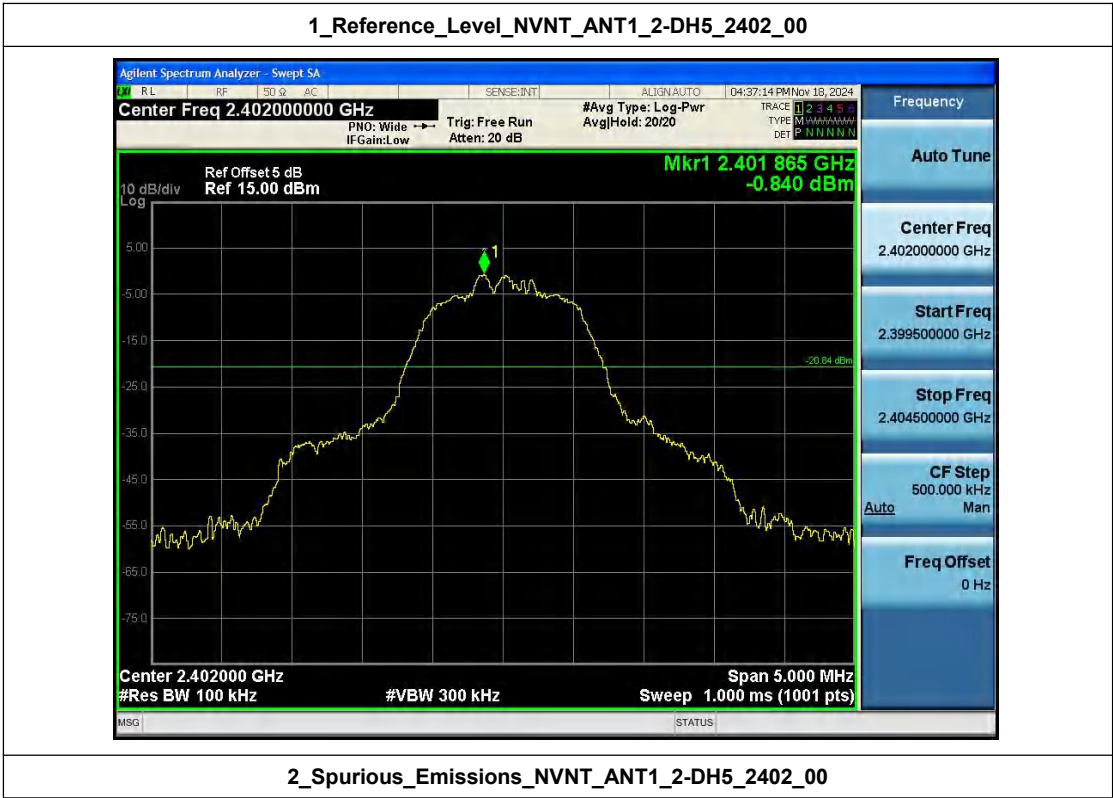


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00



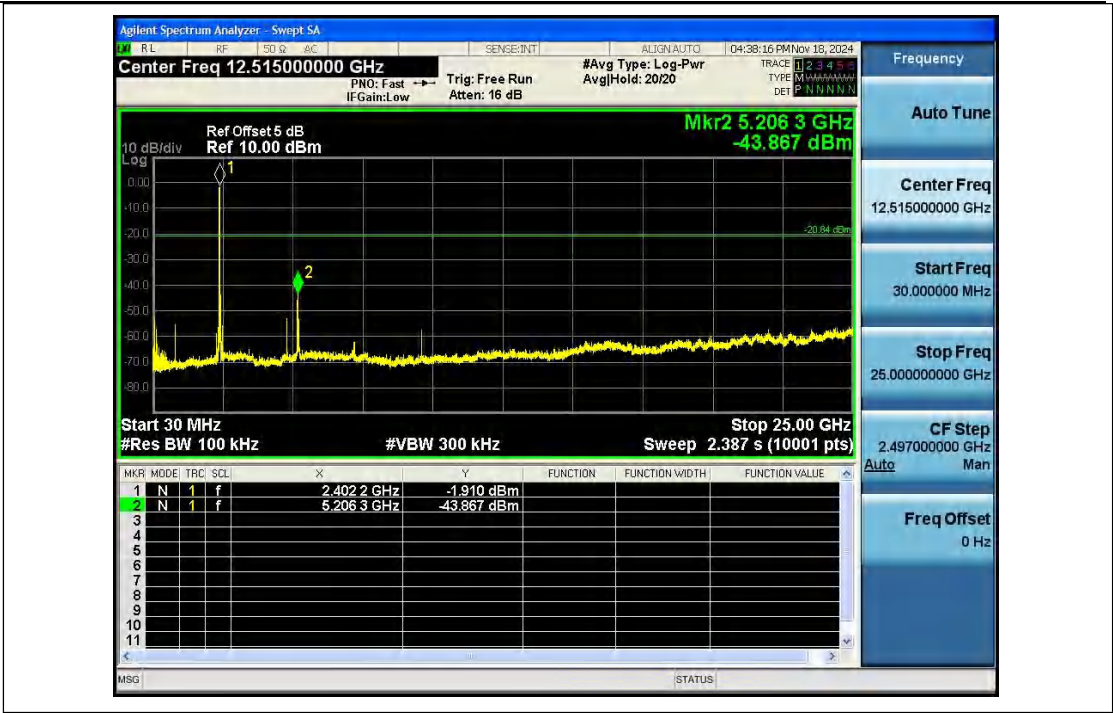


1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

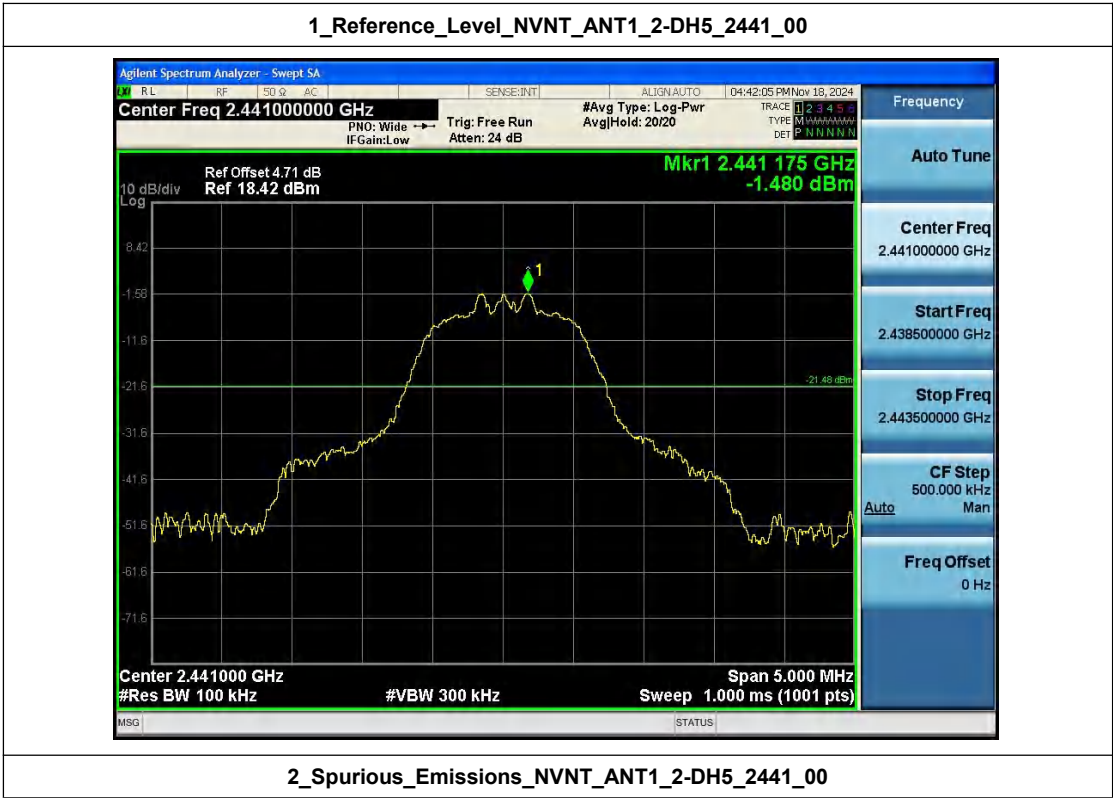


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00





1_Reference_Level_NVNT_ANT1_2-DH5_2441_00

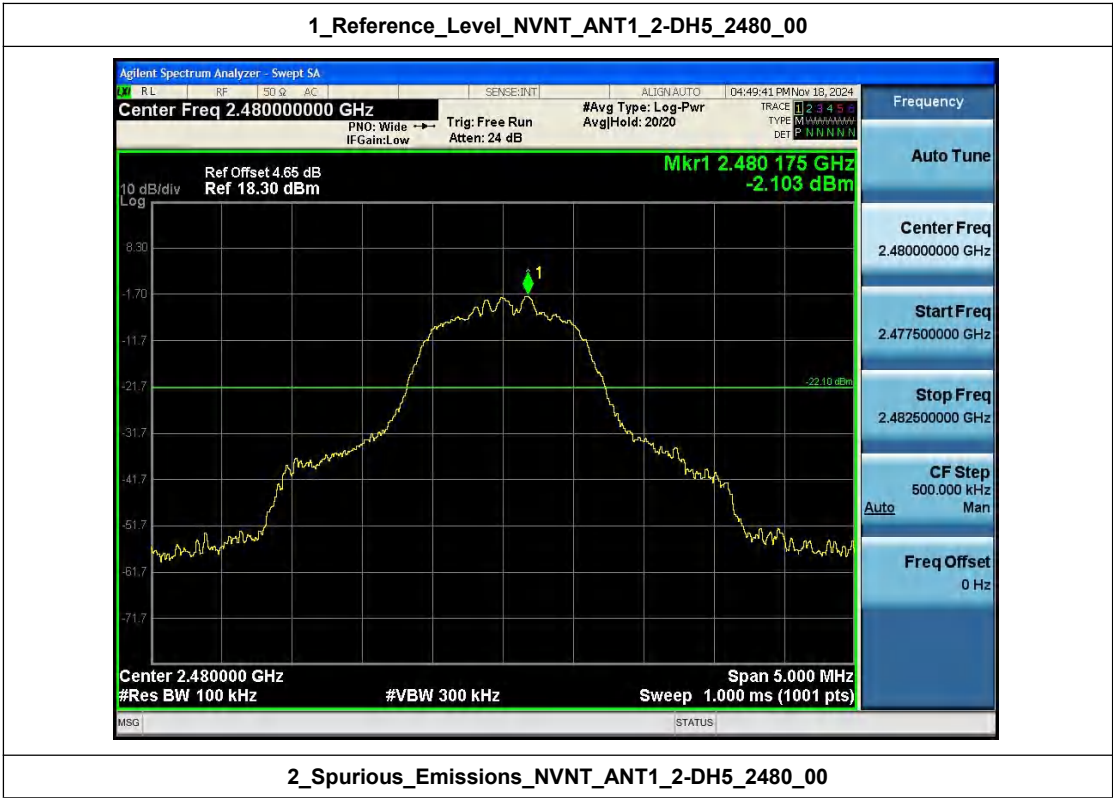


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



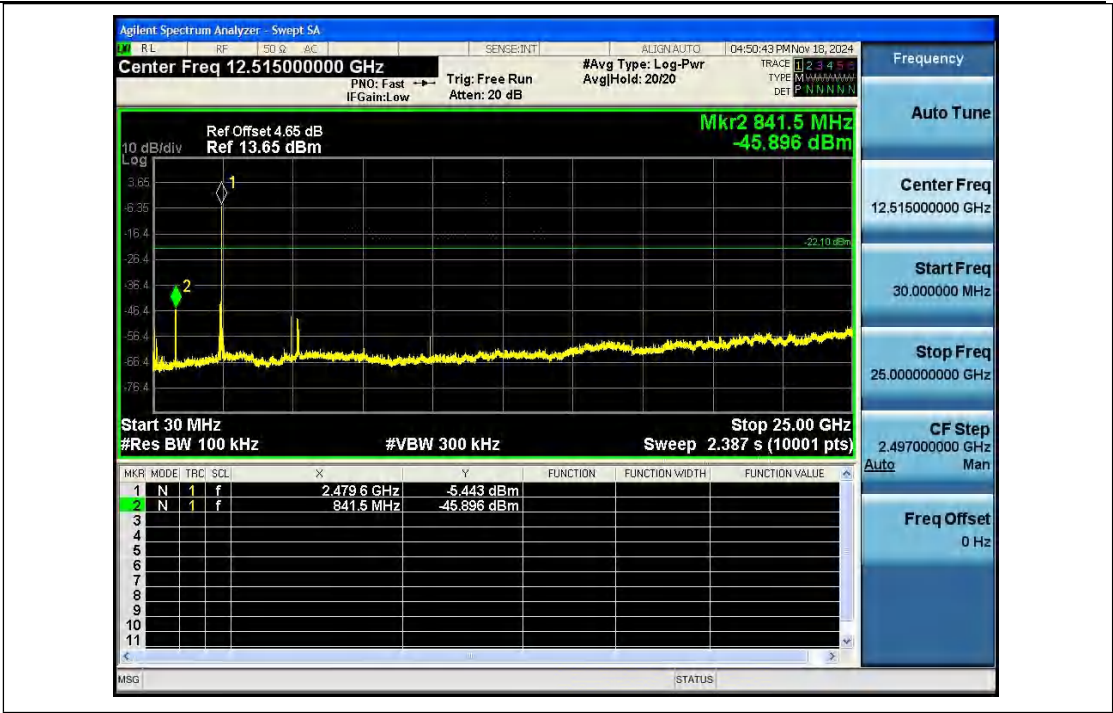


1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

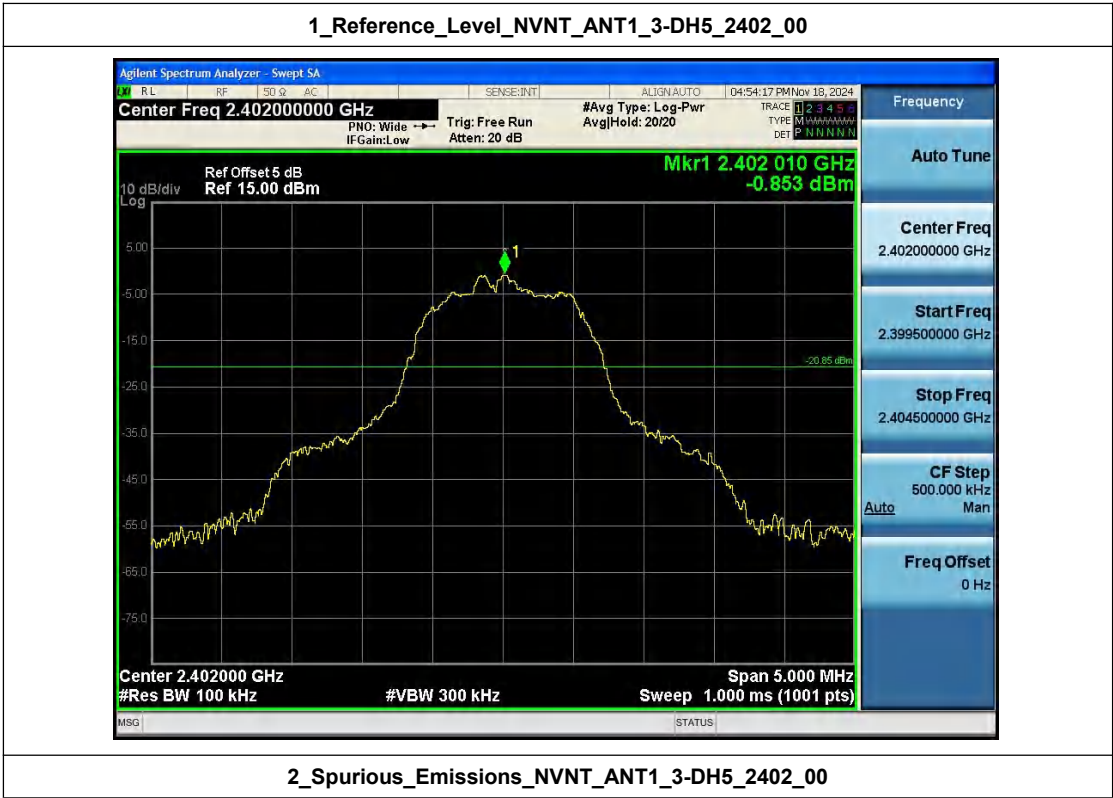


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00



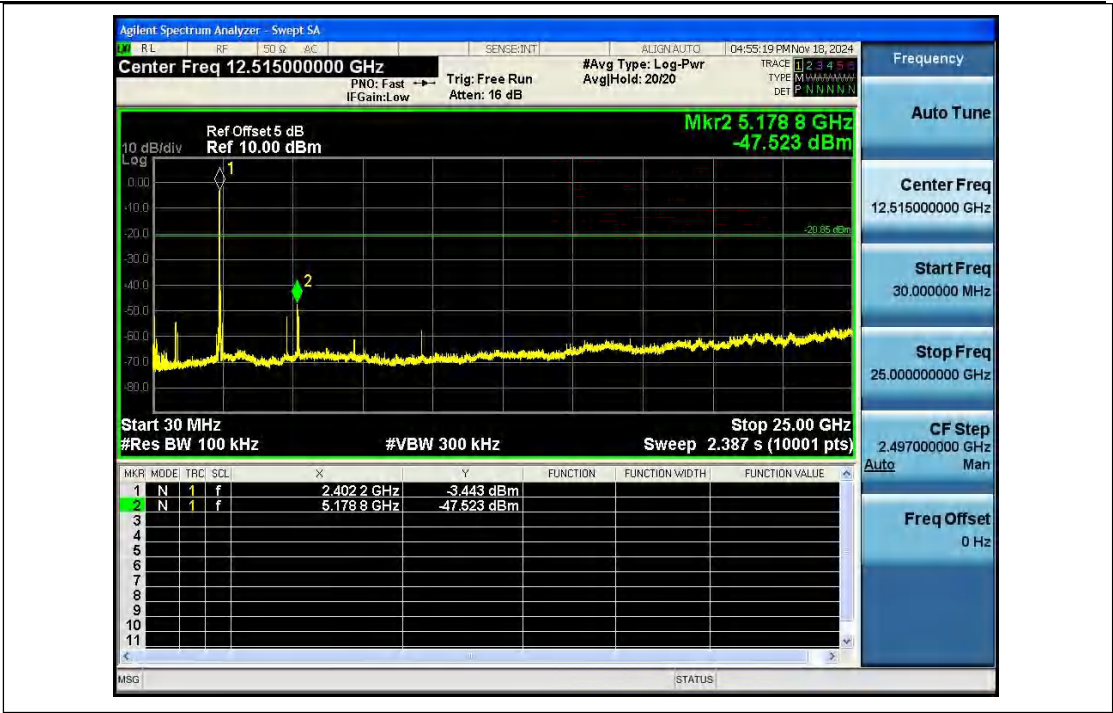


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

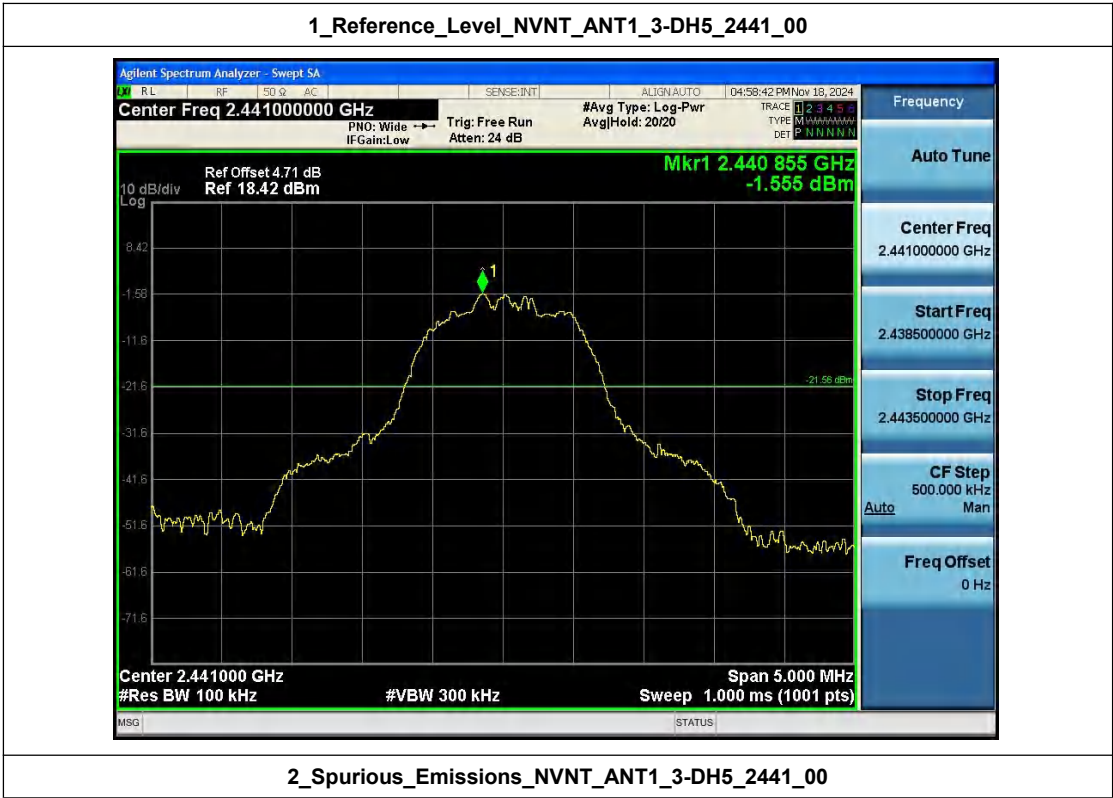


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402_00





1_Reference_Level_NVNT_ANT1_3-DH5_2441_00

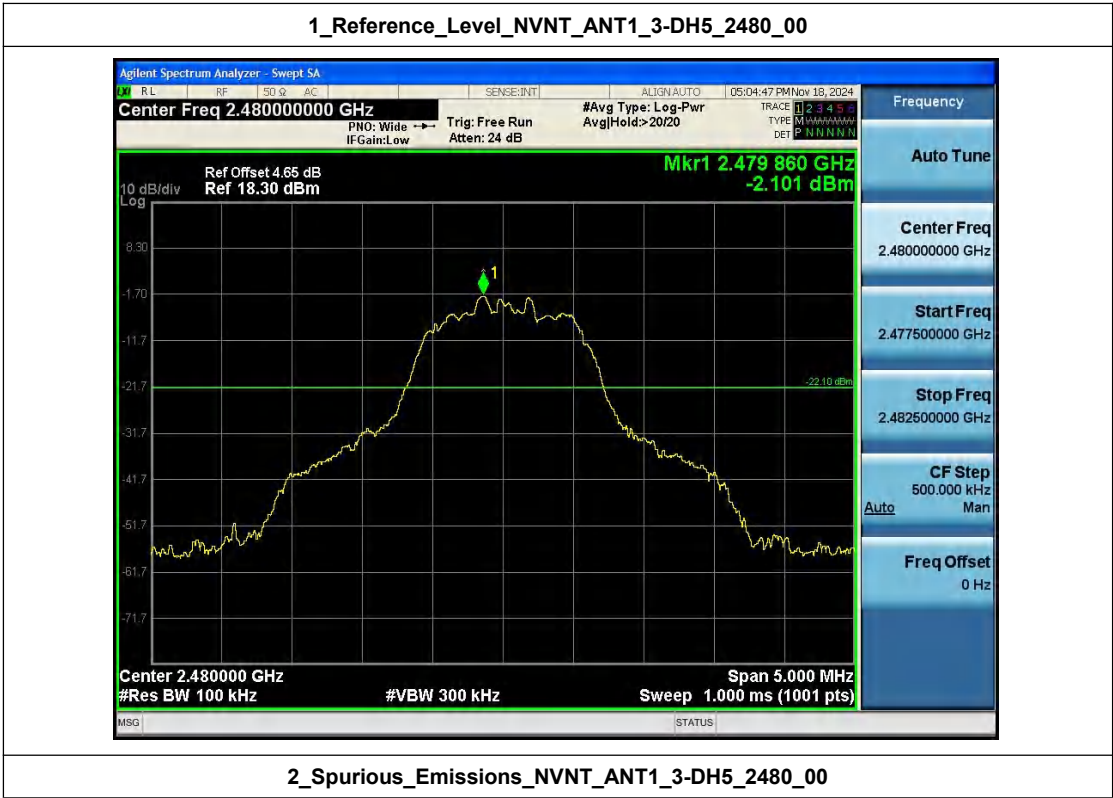


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00



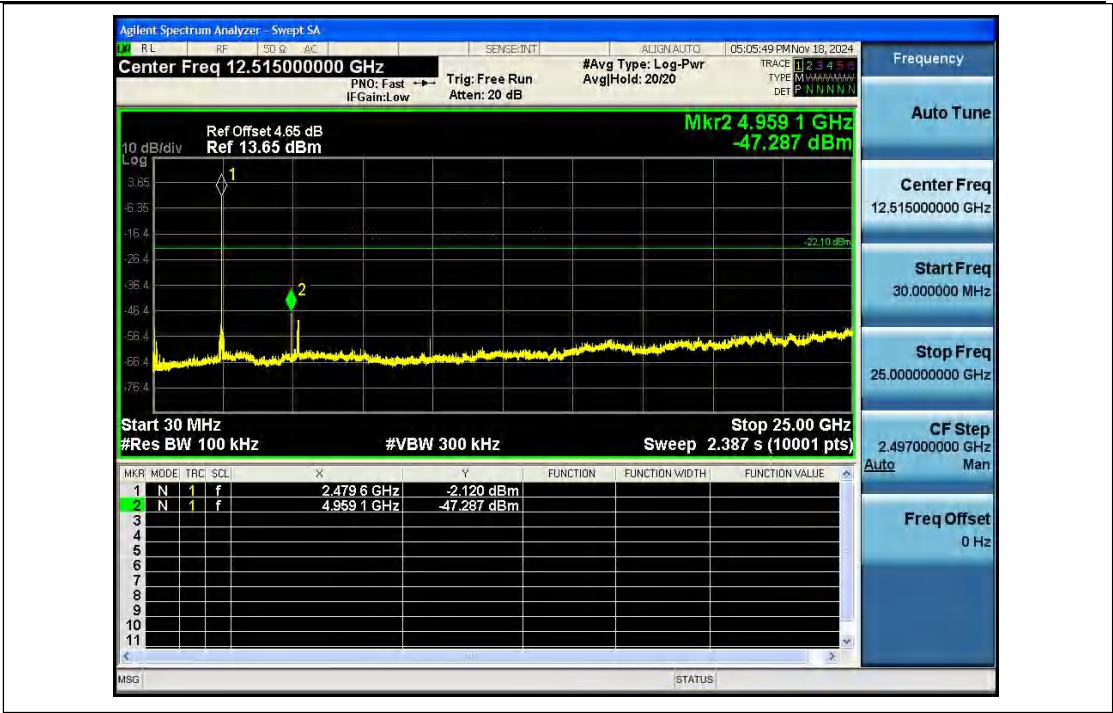


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480_00





Shenzhen Anbotek Compliance Laboratory Limited

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

Hotline 400-003-0500
www.anbotek.com



Appendix F: Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-45.005	-20.402	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-47.471	-20.853	Pass
NVNT	ANT1	1-DH5	2480.00	-57.529	-22.178	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-49.572	-21.306	Pass
NVNT	ANT1	2-DH5	2402.00	-47.746	-20.369	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-50.217	-20.949	Pass
NVNT	ANT1	2-DH5	2480.00	-56.527	-22.103	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-49.965	-21.045	Pass
NVNT	ANT1	3-DH5	2402.00	-47.057	-20.339	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-49.792	-20.941	Pass
NVNT	ANT1	3-DH5	2480.00	-55.420	-22.101	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-49.688	-21.299	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

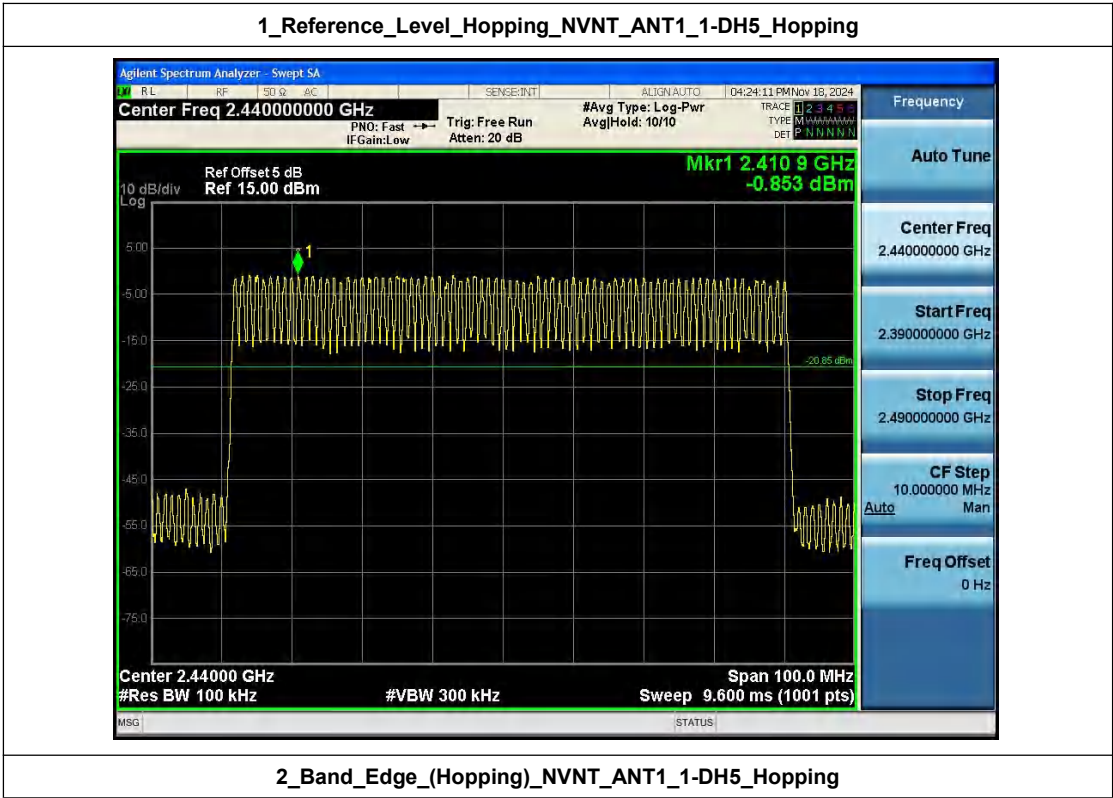


2_Bandedge_NVNT_ANT1_1-DH5_2402_00



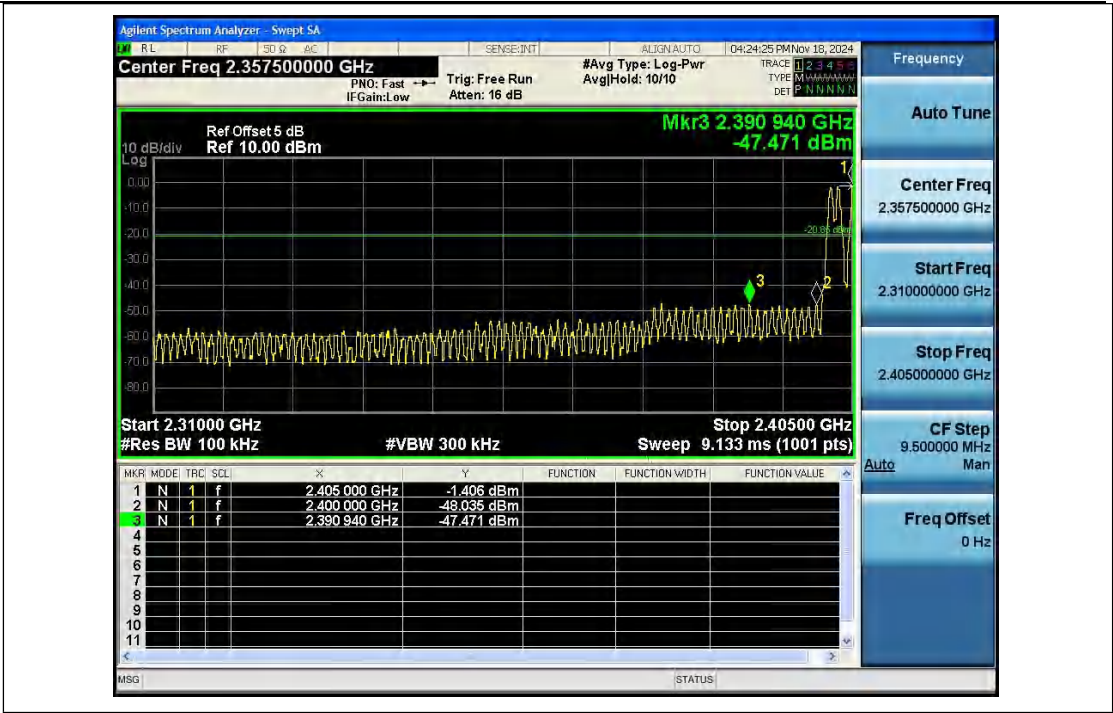


1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping

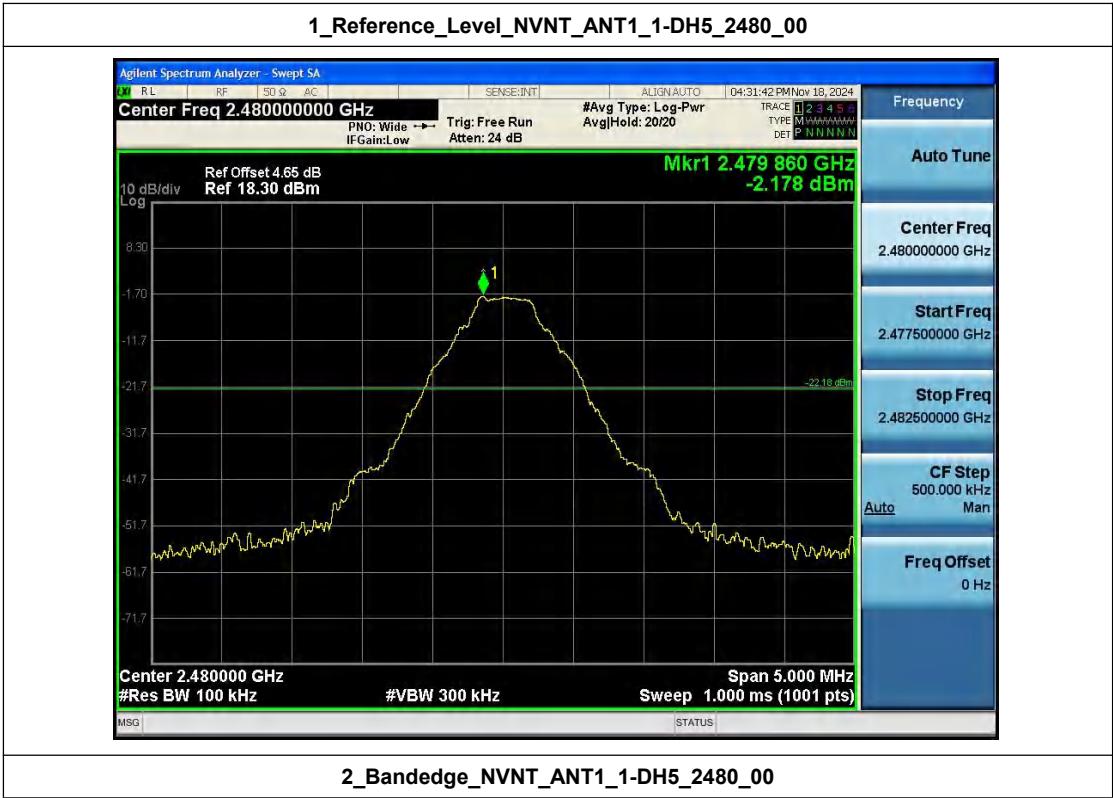


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



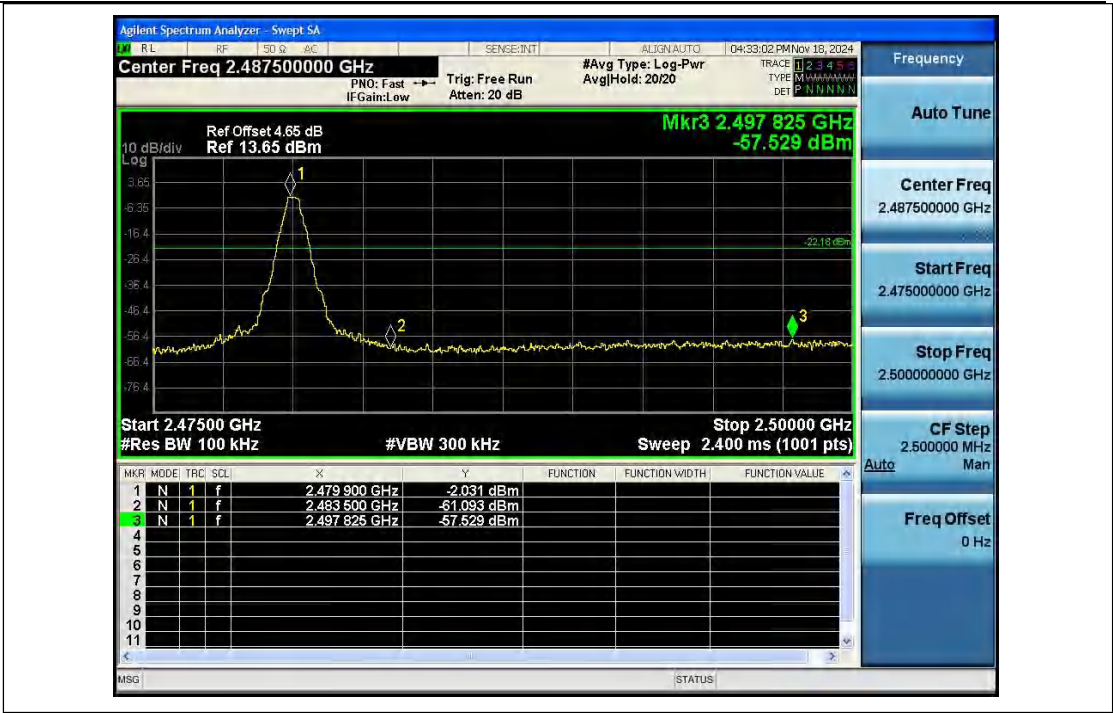


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

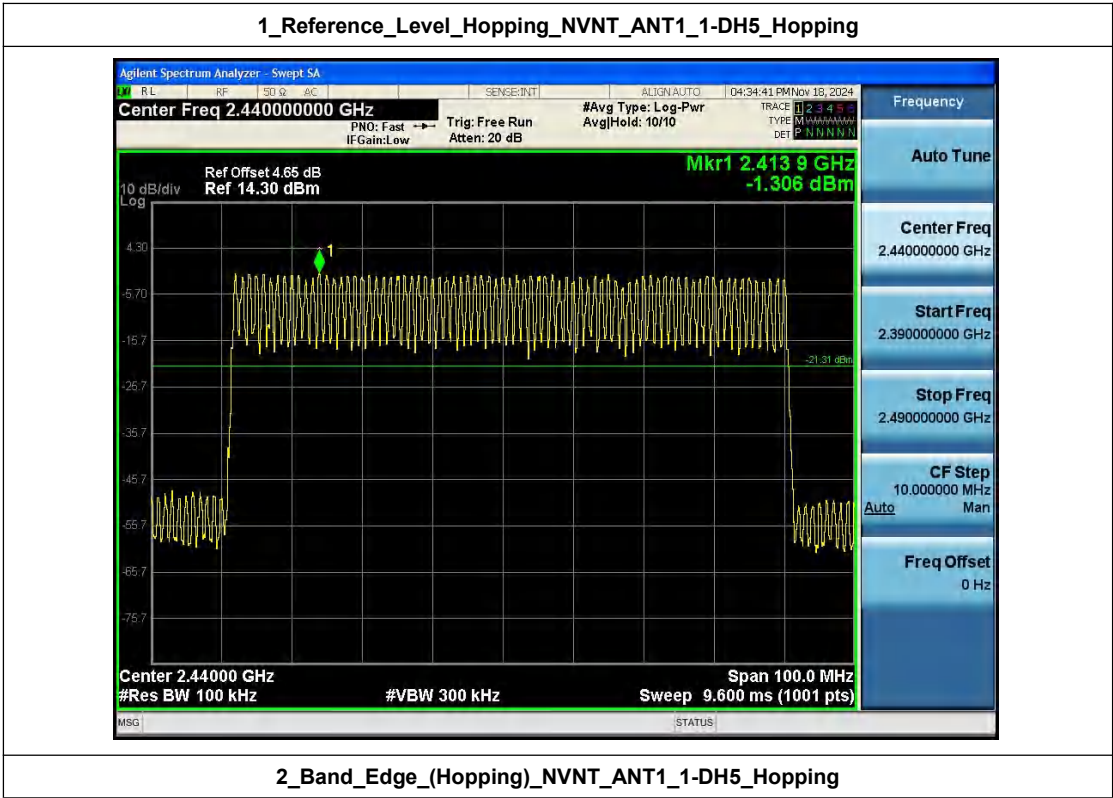


2_Bandedge_NVNT_ANT1_1-DH5_2480_00



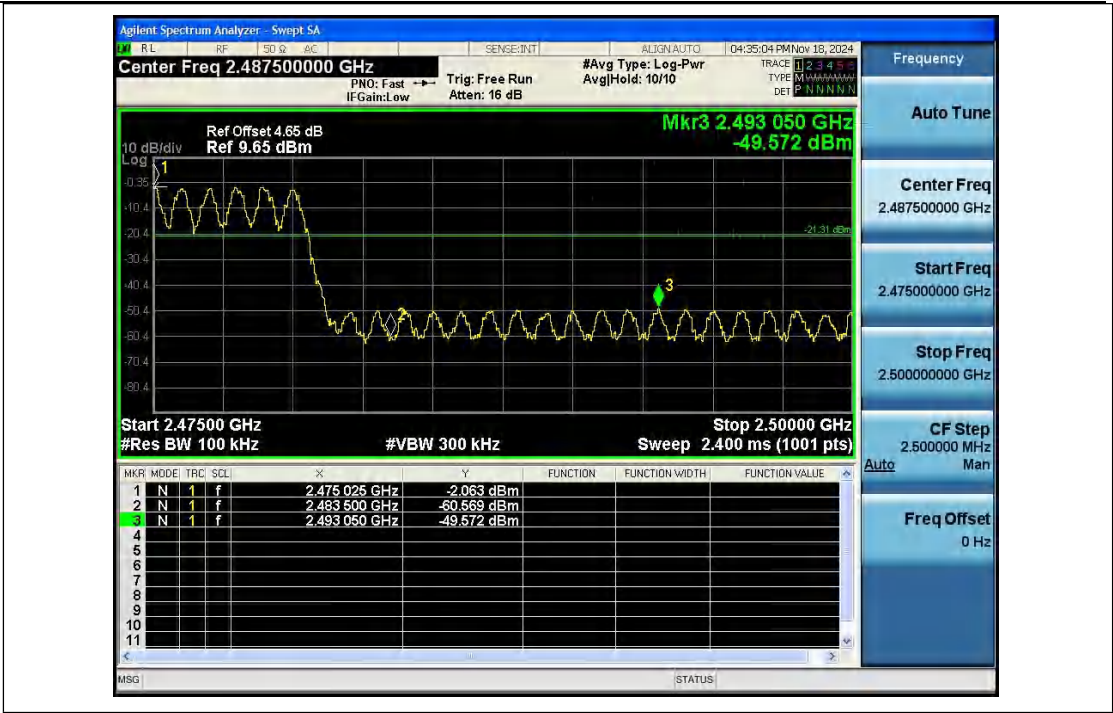


1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping

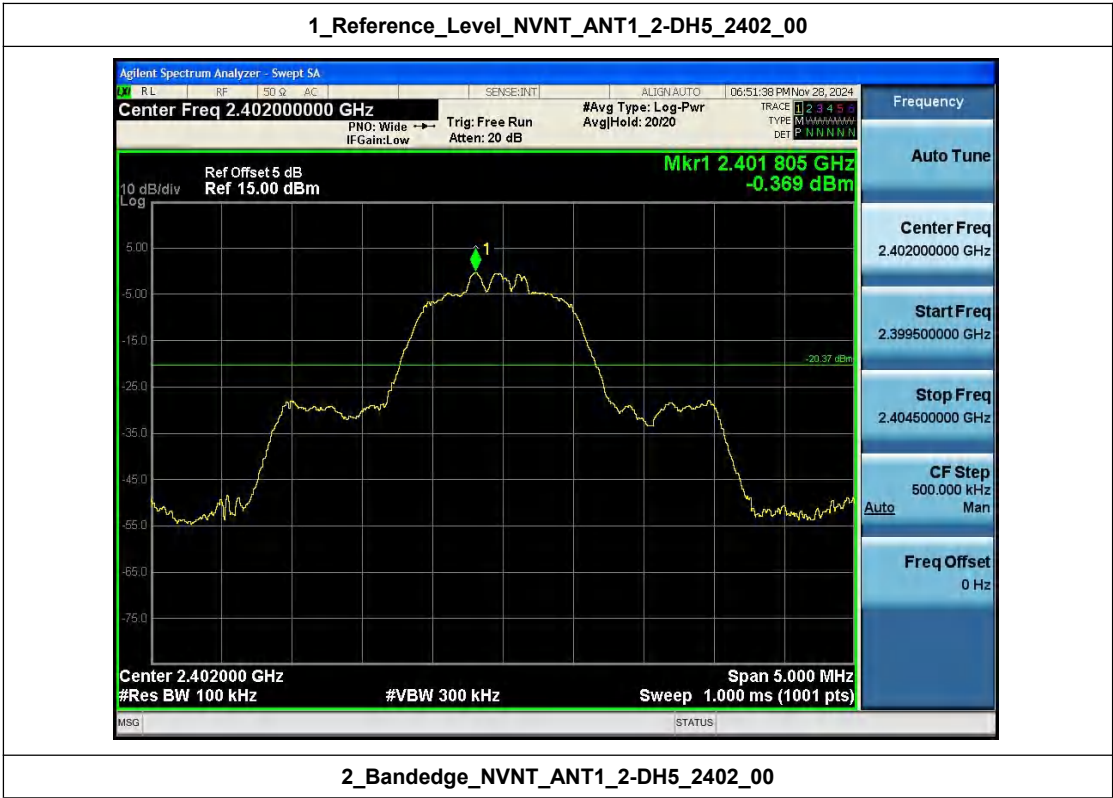


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



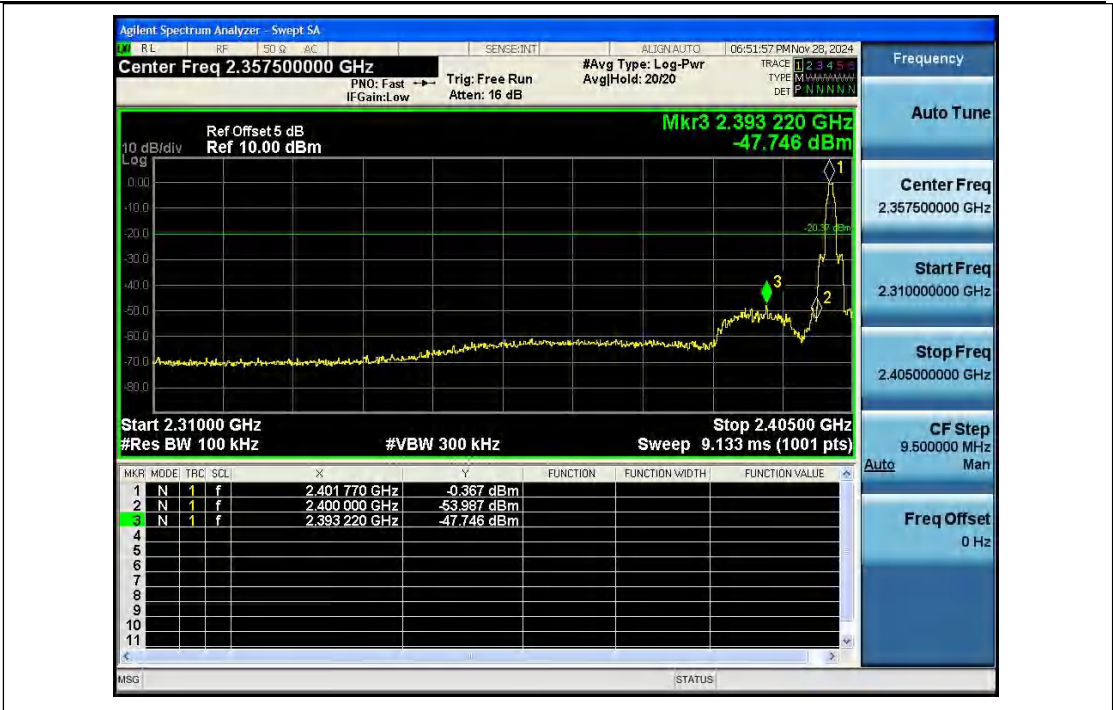


1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

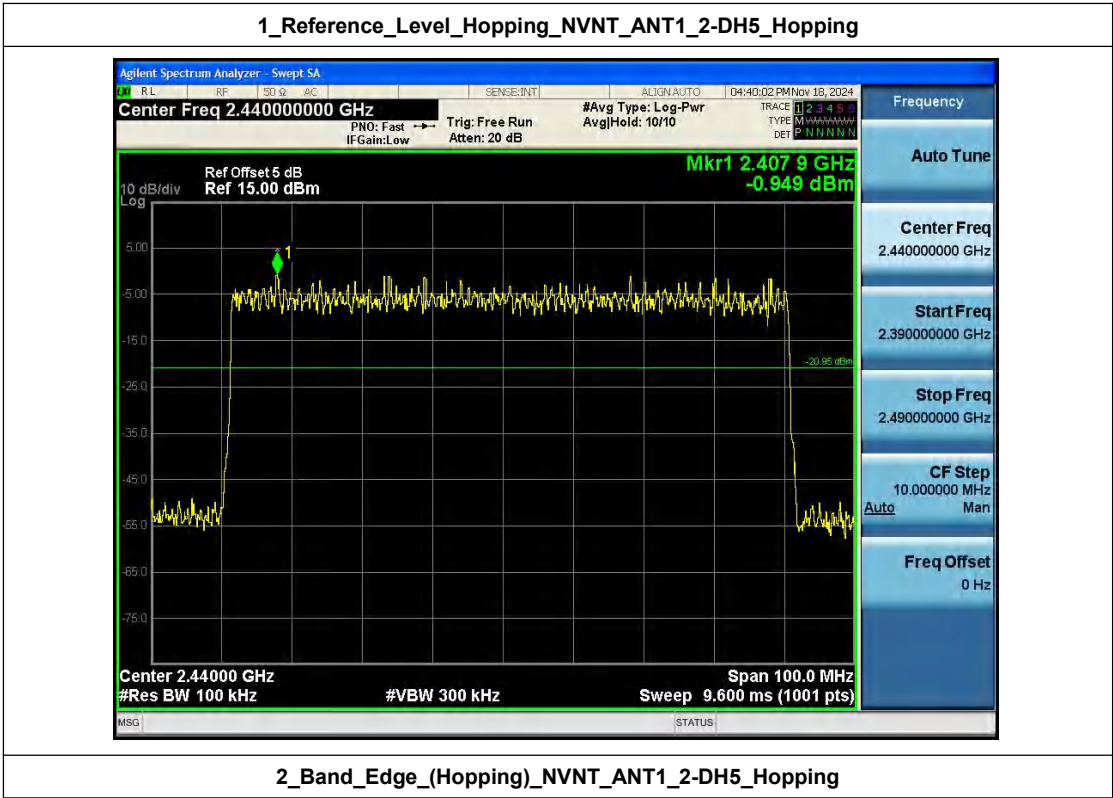


2_Bandedge_NVNT_ANT1_2-DH5_2402_00



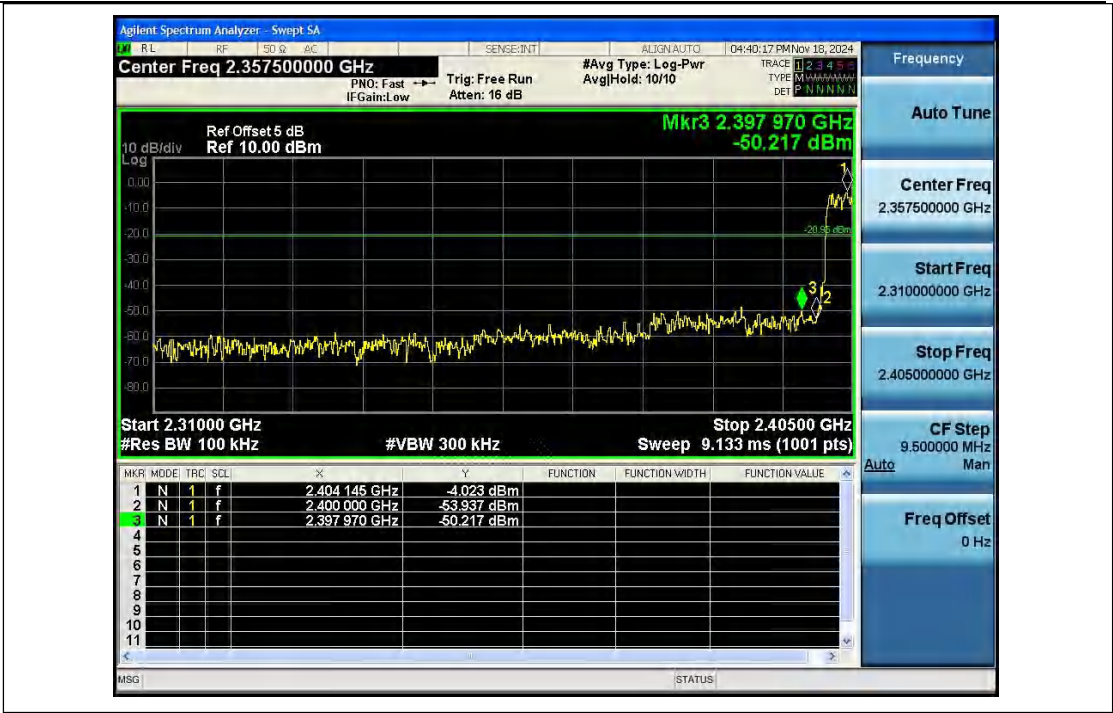


1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping

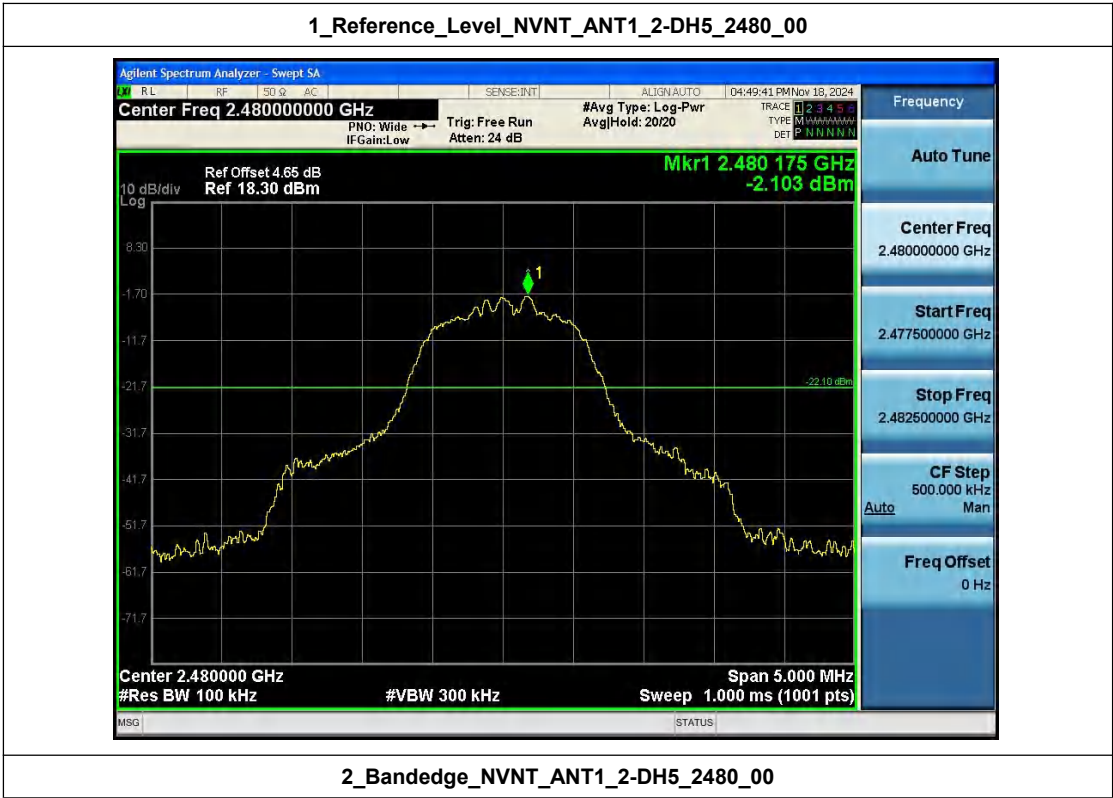


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



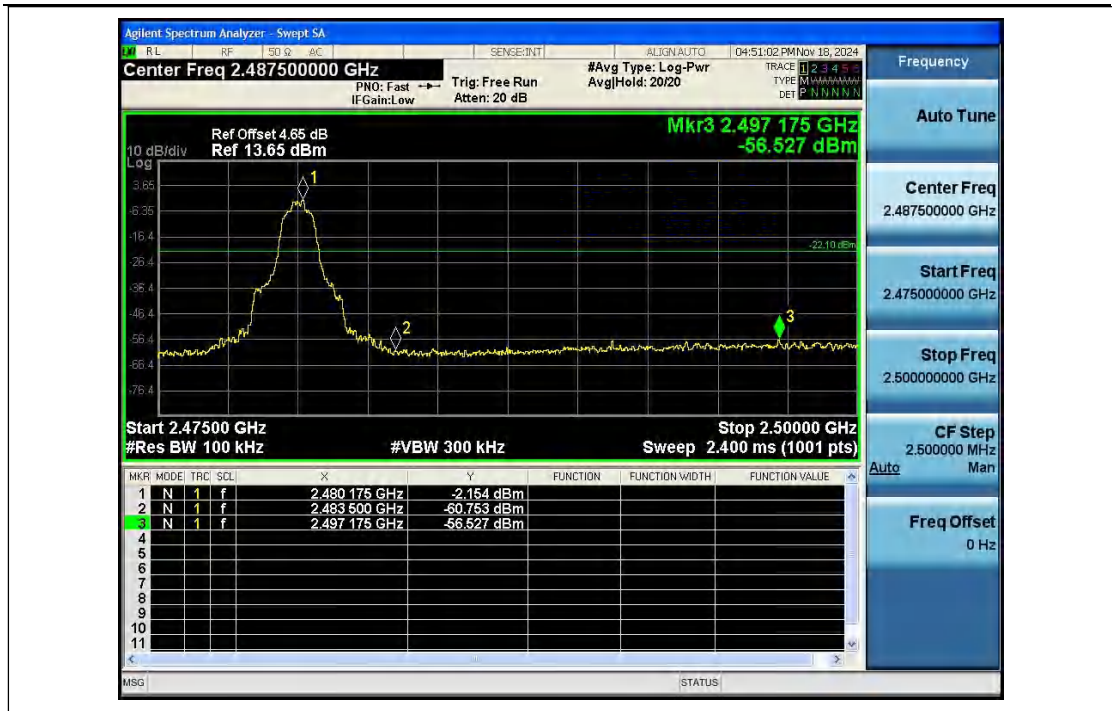


1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

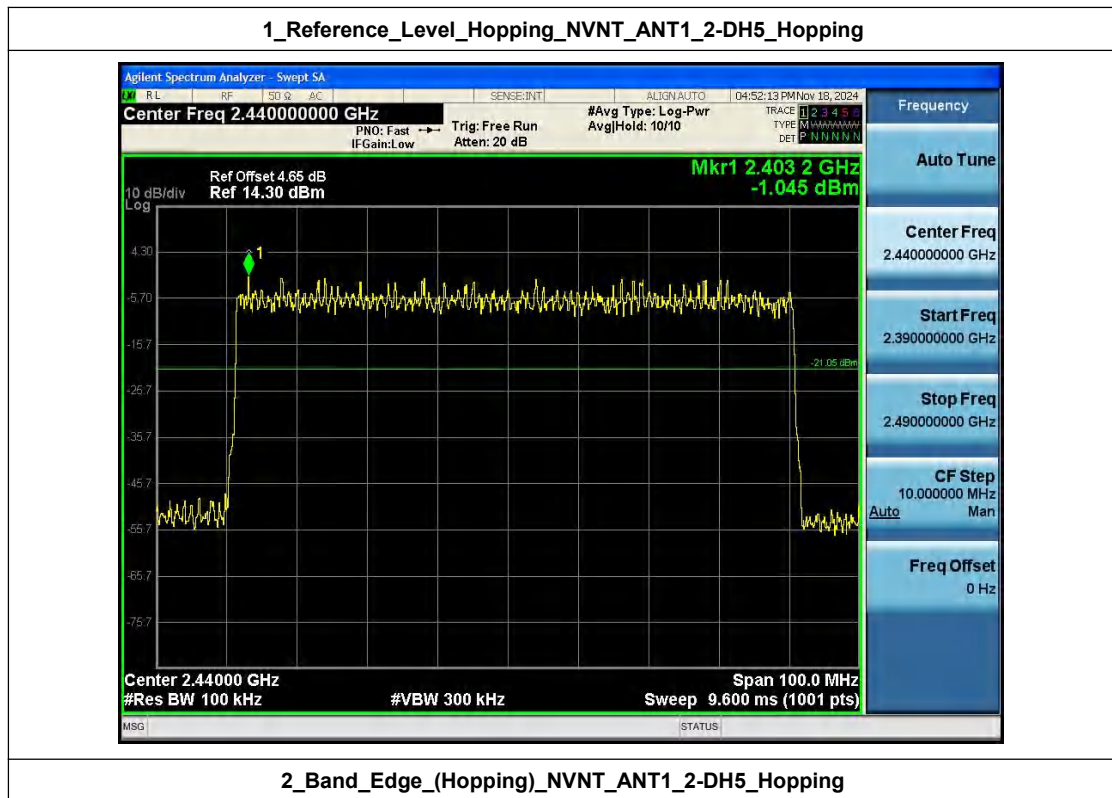


2_Bandedge_NVNT_ANT1_2-DH5_2480_00





1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping

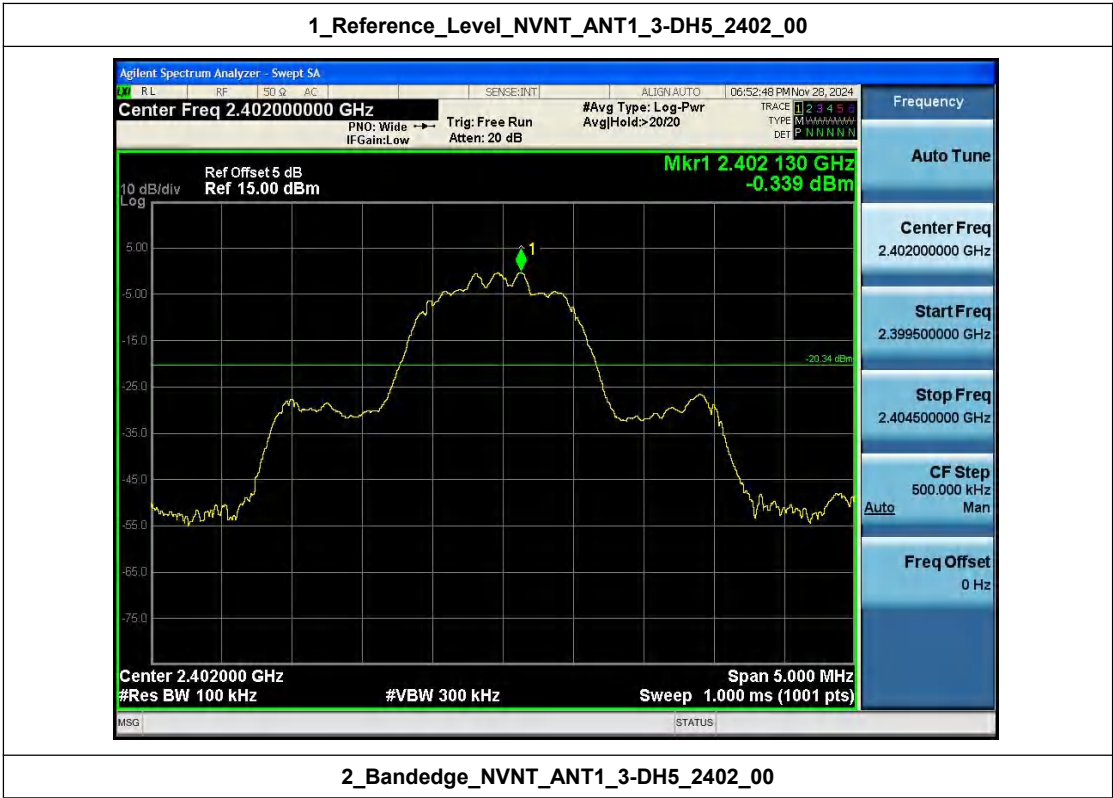


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping





1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

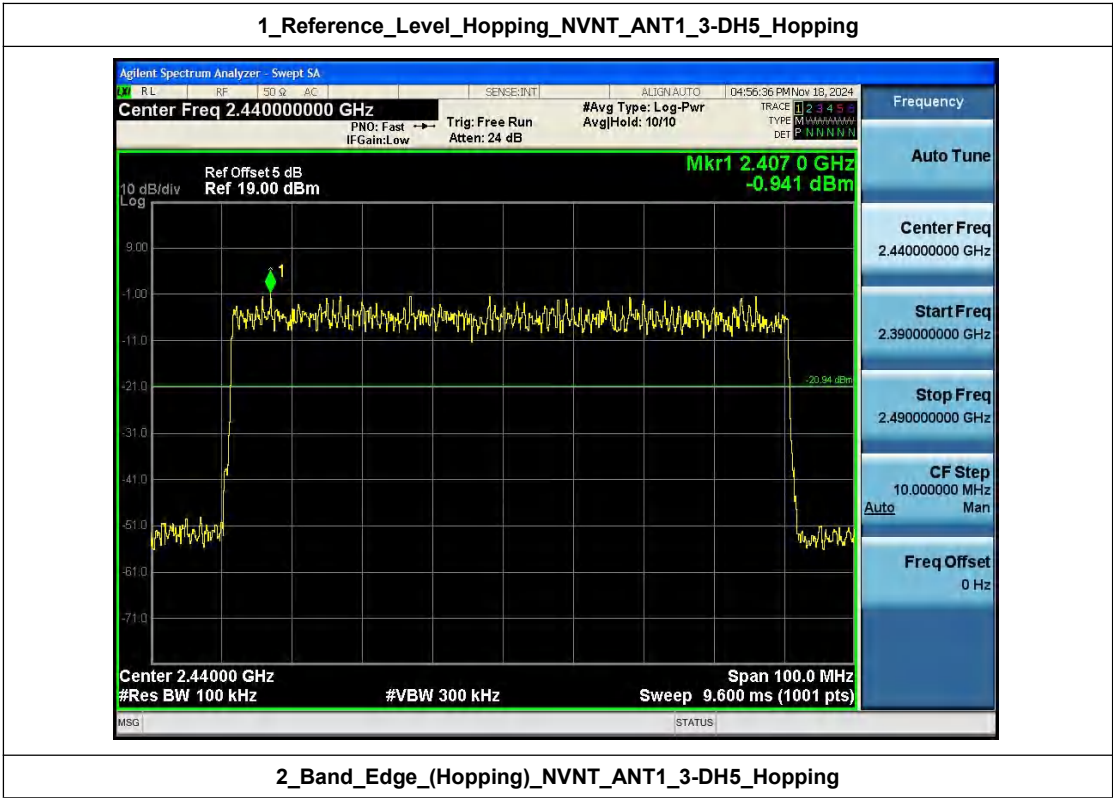


2_Bandedge_NVNT_ANT1_3-DH5_2402_00



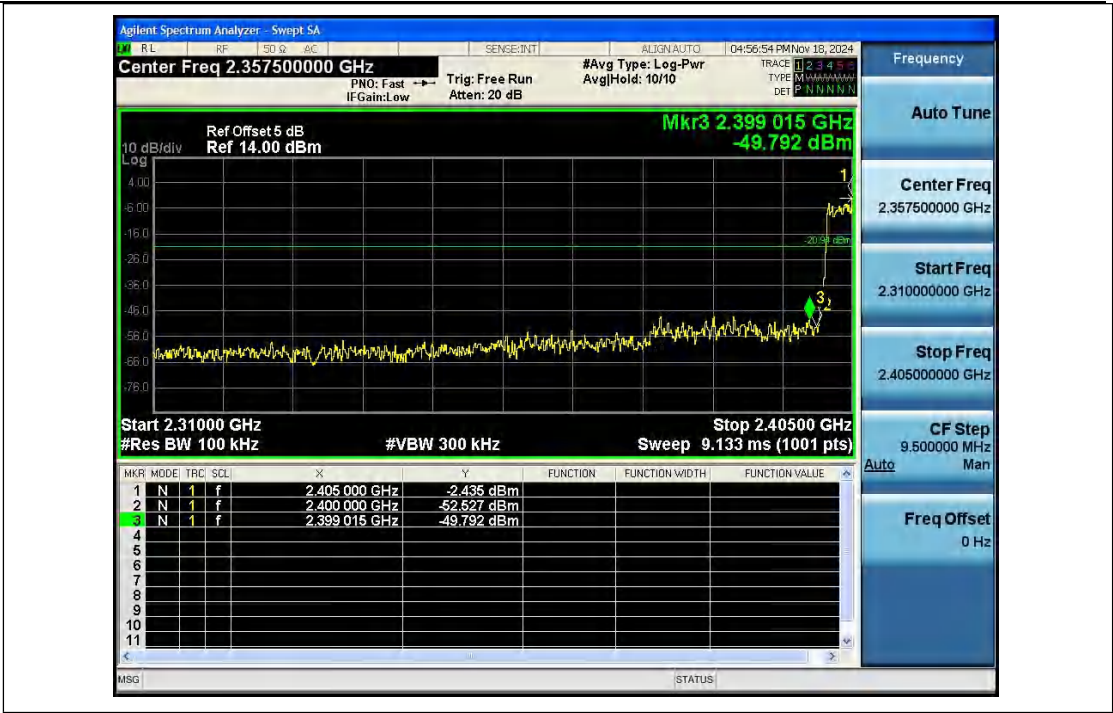


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping

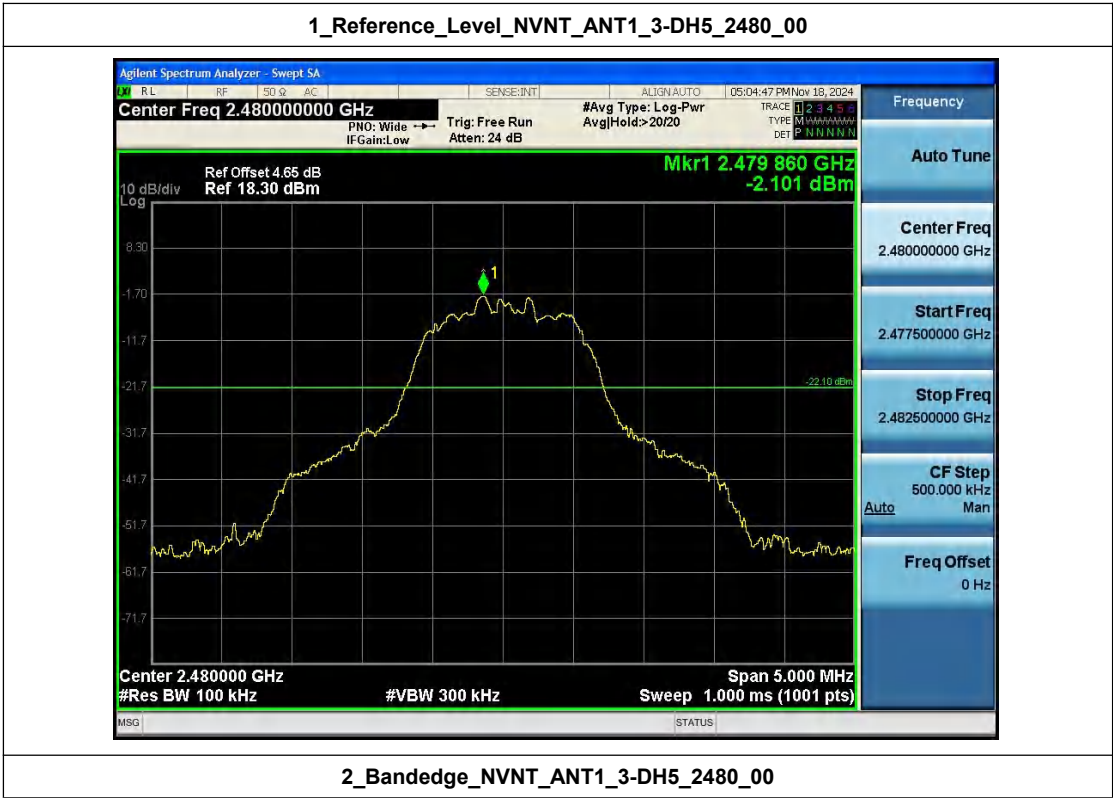


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



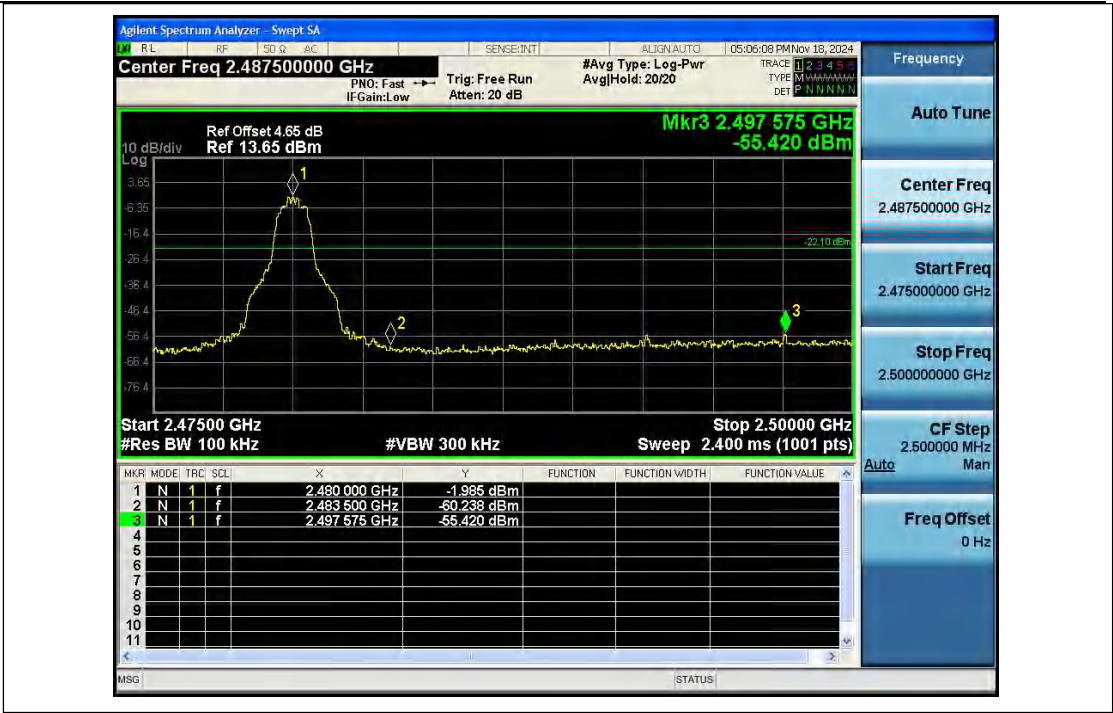


1_Reference_Level_NVNT_ANT1_3-DH5_2480_00

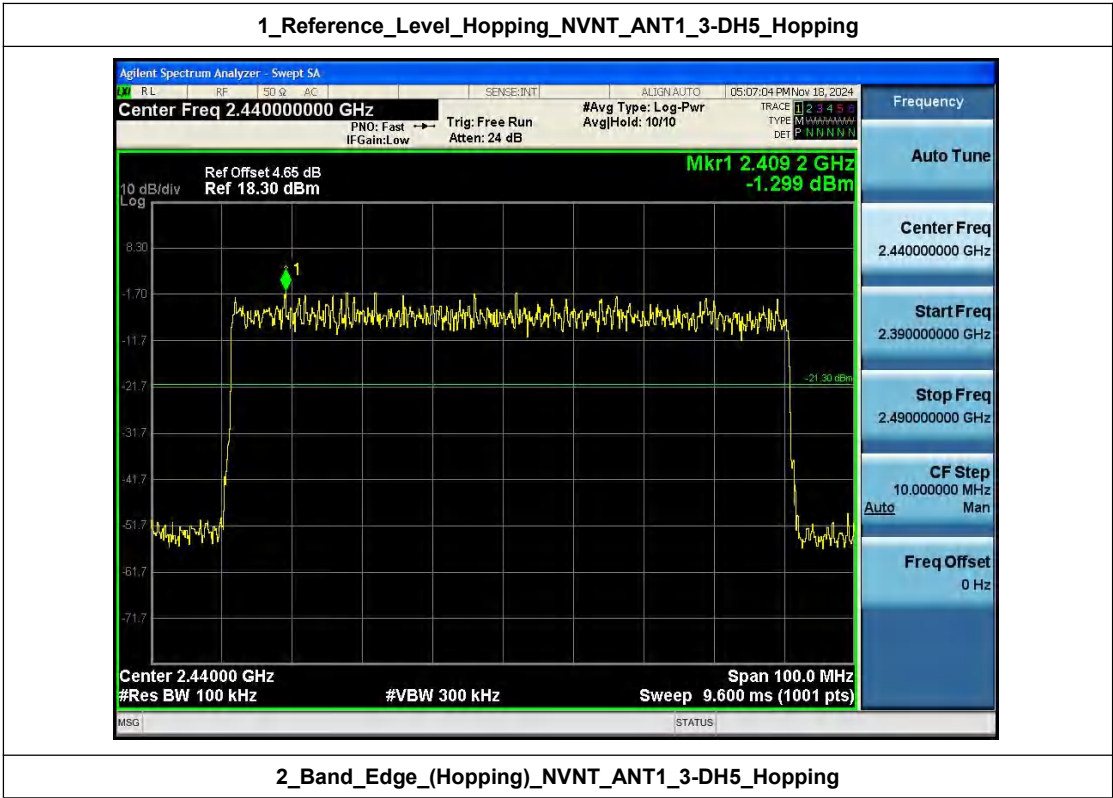


2_Bandedge_NVNT_ANT1_3-DH5_2480_00



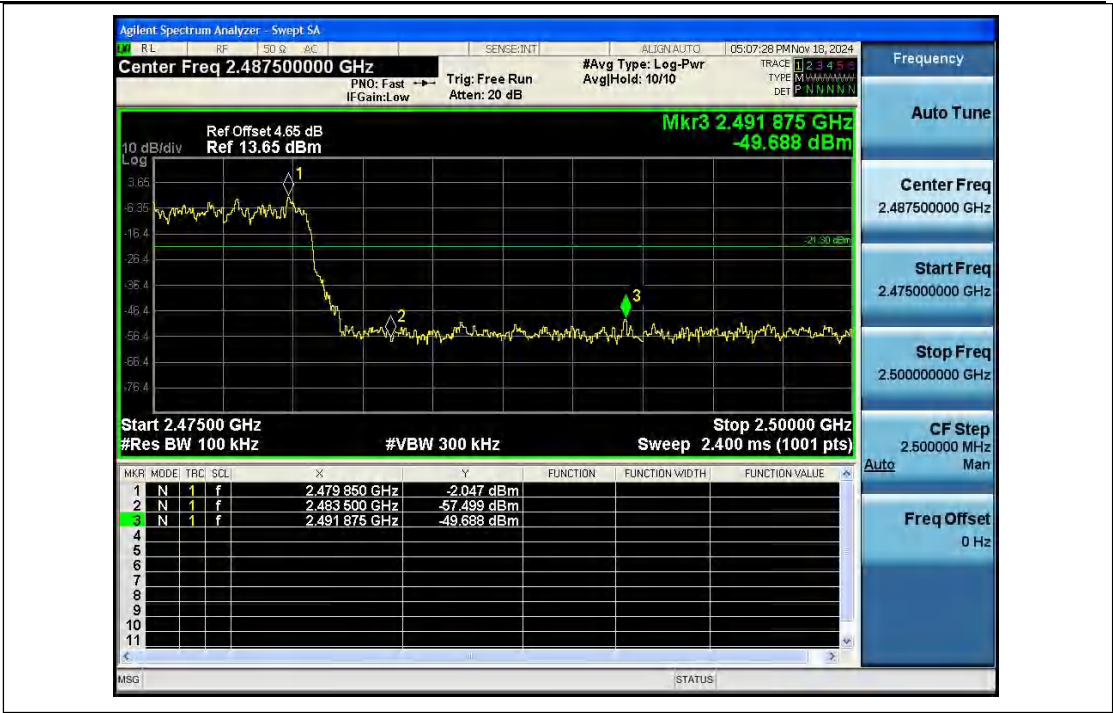


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping





Shenzhen Anbotek Compliance Laboratory Limited

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

Hotline 400-003-0500
www.anbotek.com



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	2440.927	2442.067	1.14	0.715	Pass
NVNT	ANT1	2-DH5	2441.00	2441.125	2442.163	1.04	0.897	Pass
NVNT	ANT1	3-DH5	2441.00	2440.924	2442.178	1.25	0.870	Pass

Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH5_Hopping

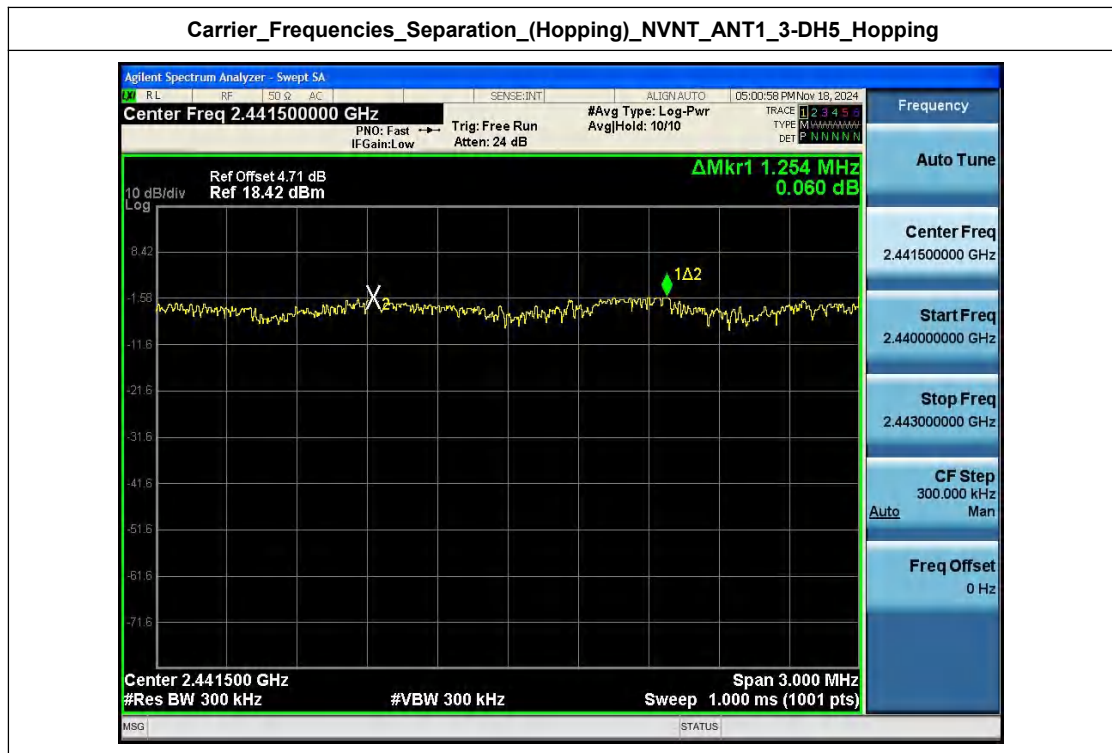


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH5_Hopping





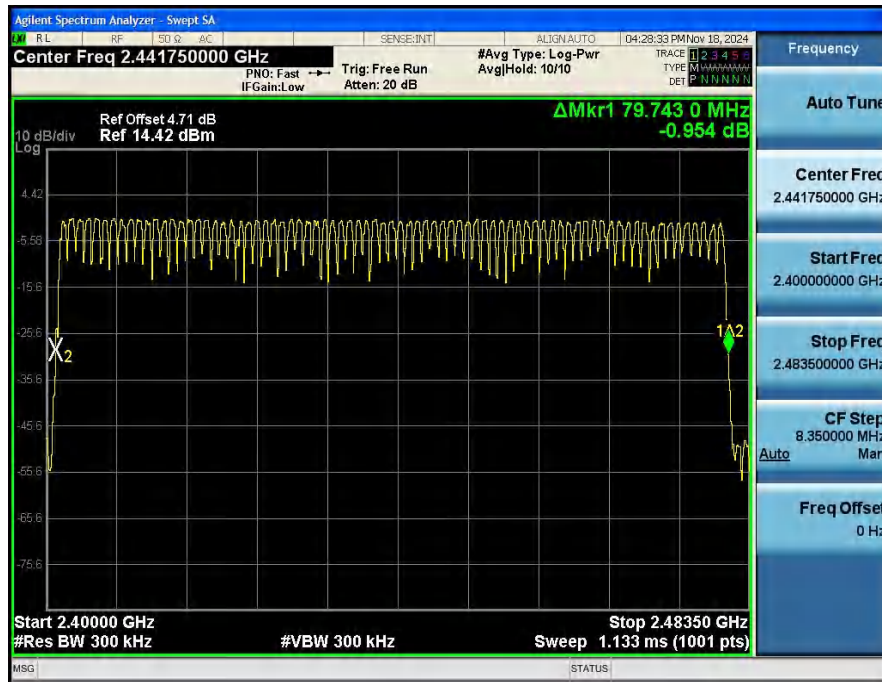
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH5_Hopping



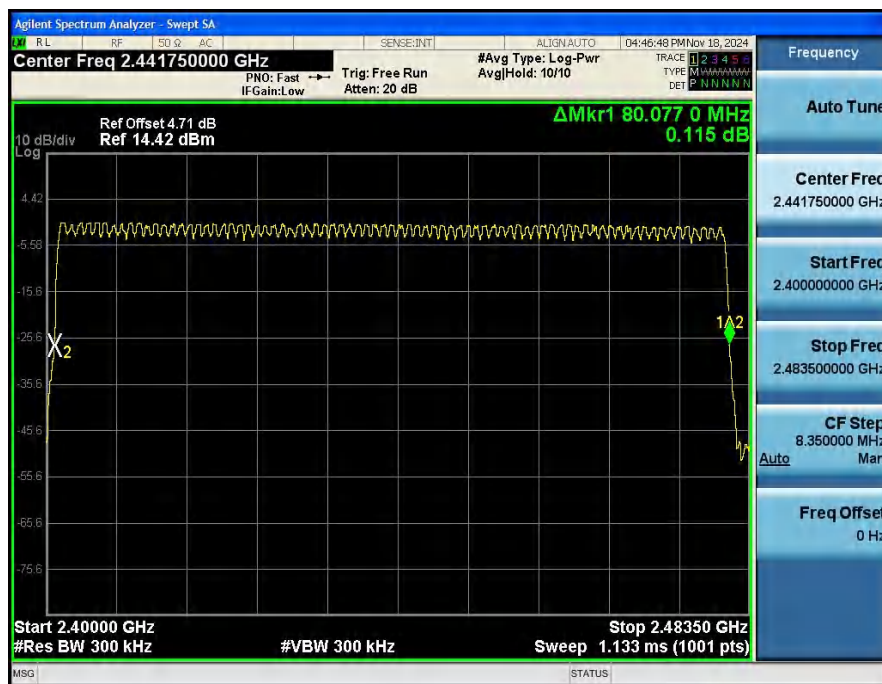
Appendix H: Number of Hopping Channel (Hopping)

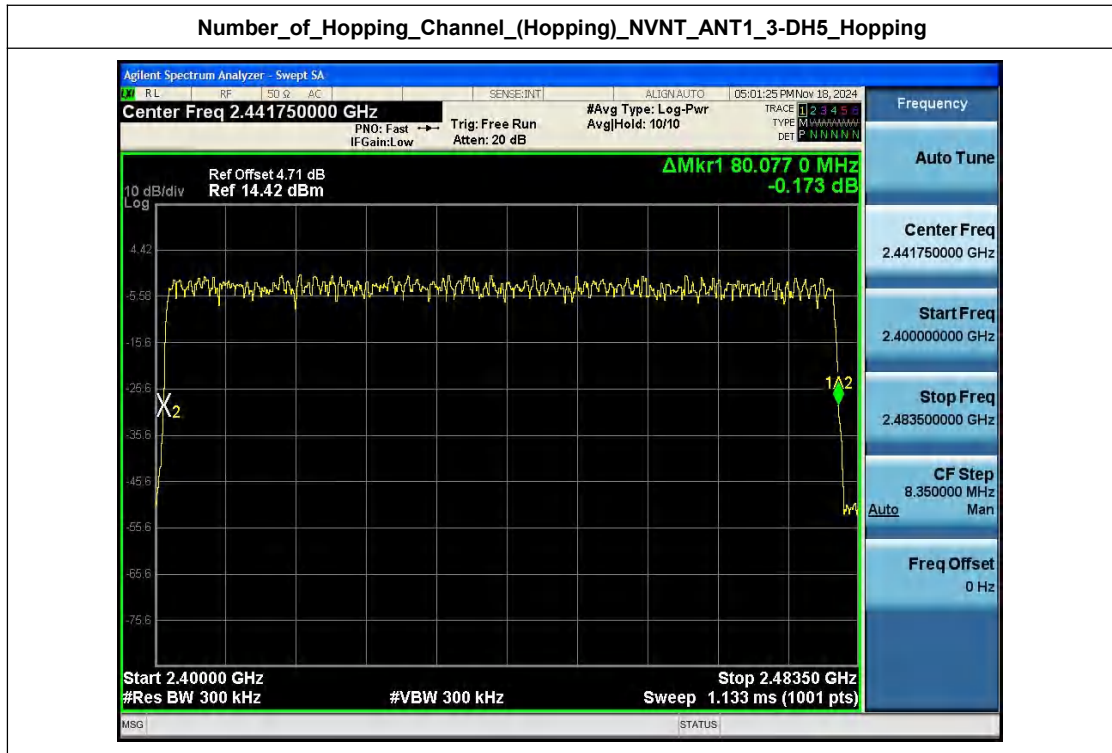
Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	2-DH5	80	15	Pass
NVNT	ANT1	3-DH5	80	15	Pass

Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_1-DH5_Hopping



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-DH5_Hopping





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



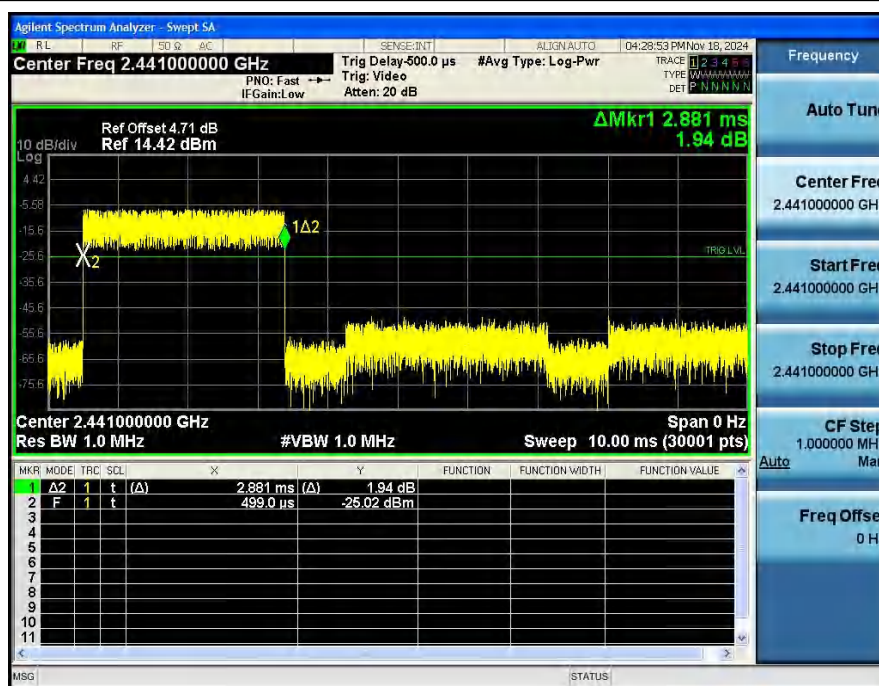
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Appendix I: Dwell Time (Hopping)

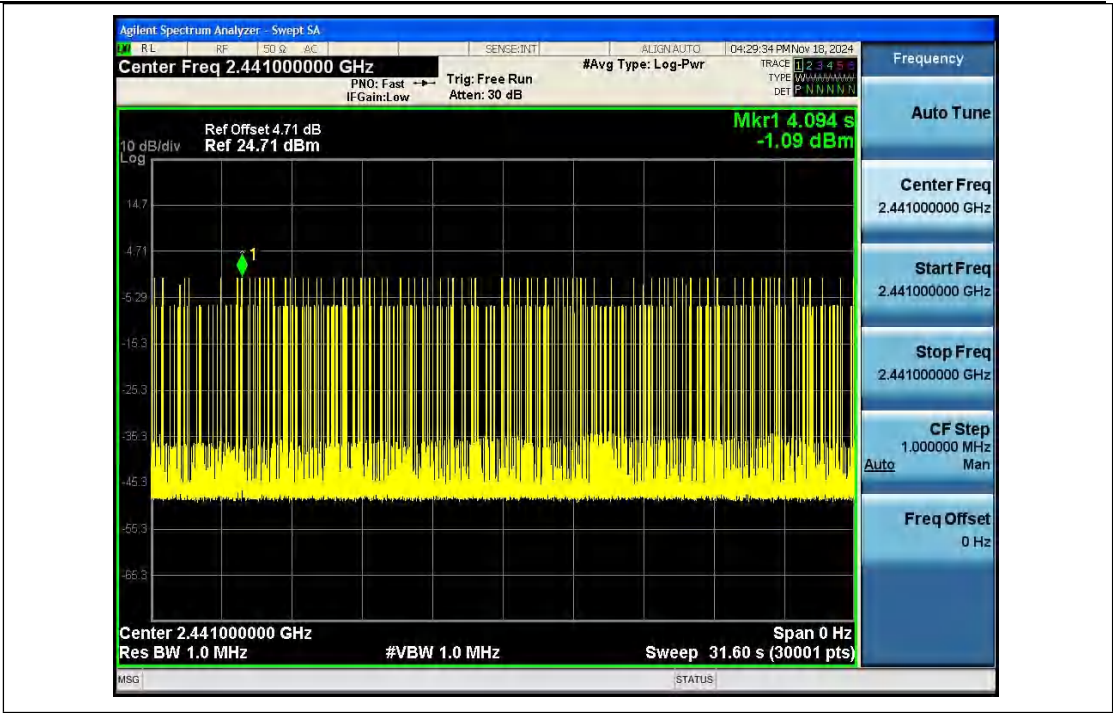
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.881	111.00	319.791	0.40	Pass
NVNT	ANT1	2-DH5	2.887	106.00	306.022	0.40	Pass
NVNT	ANT1	3-DH5	2.889	108.00	312.012	0.40	Pass
NVNT	ANT1	1-DH1	0.377	320.00	120.640	0.40	Pass
NVNT	ANT1	1-DH3	1.633	164.00	267.812	0.40	Pass
NVNT	ANT1	2-DH1	0.387	320.00	123.840	0.40	Pass
NVNT	ANT1	2-DH3	1.639	161.00	263.879	0.40	Pass
NVNT	ANT1	3-DH1	0.388	320.00	124.160	0.40	Pass
NVNT	ANT1	3-DH3	1.638	159.00	260.442	0.40	Pass

Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_One_Burst_Time

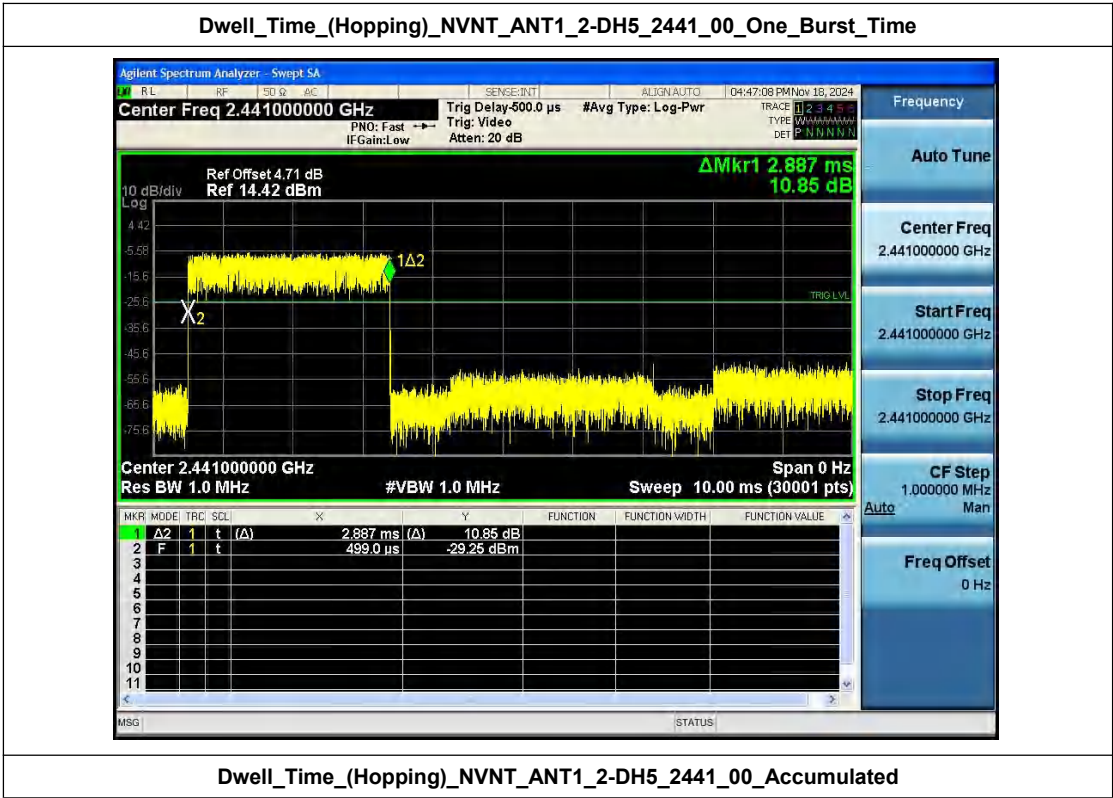


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_00_Accumulated



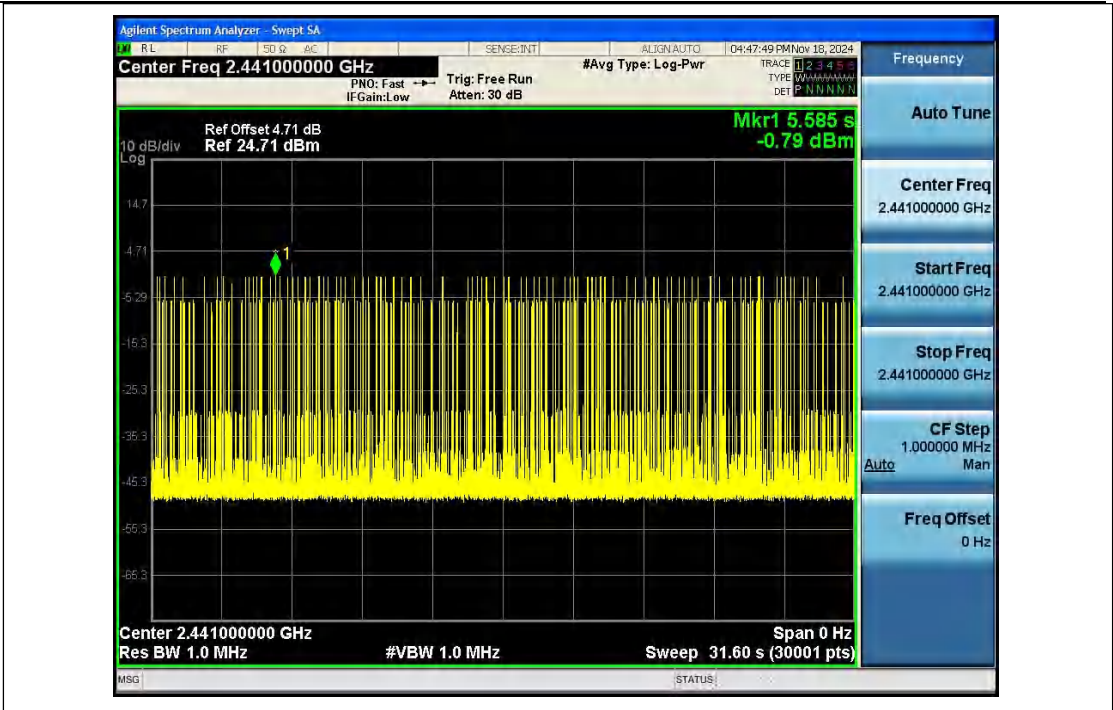


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time

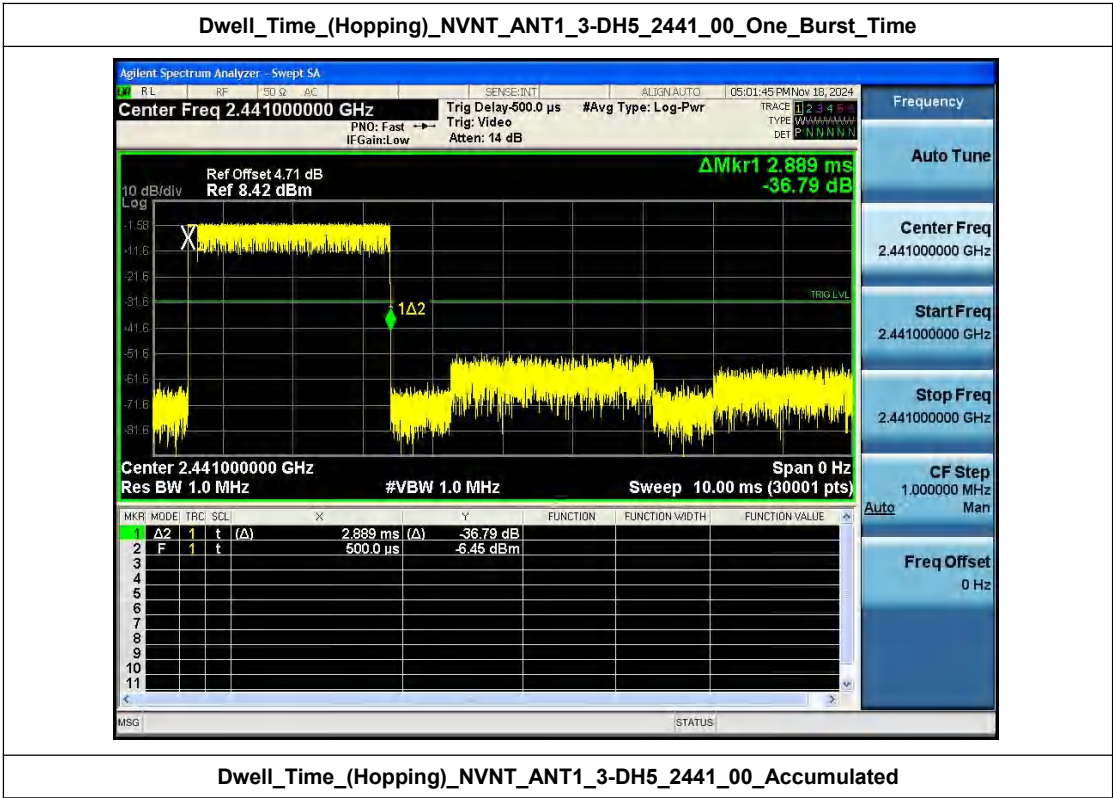


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



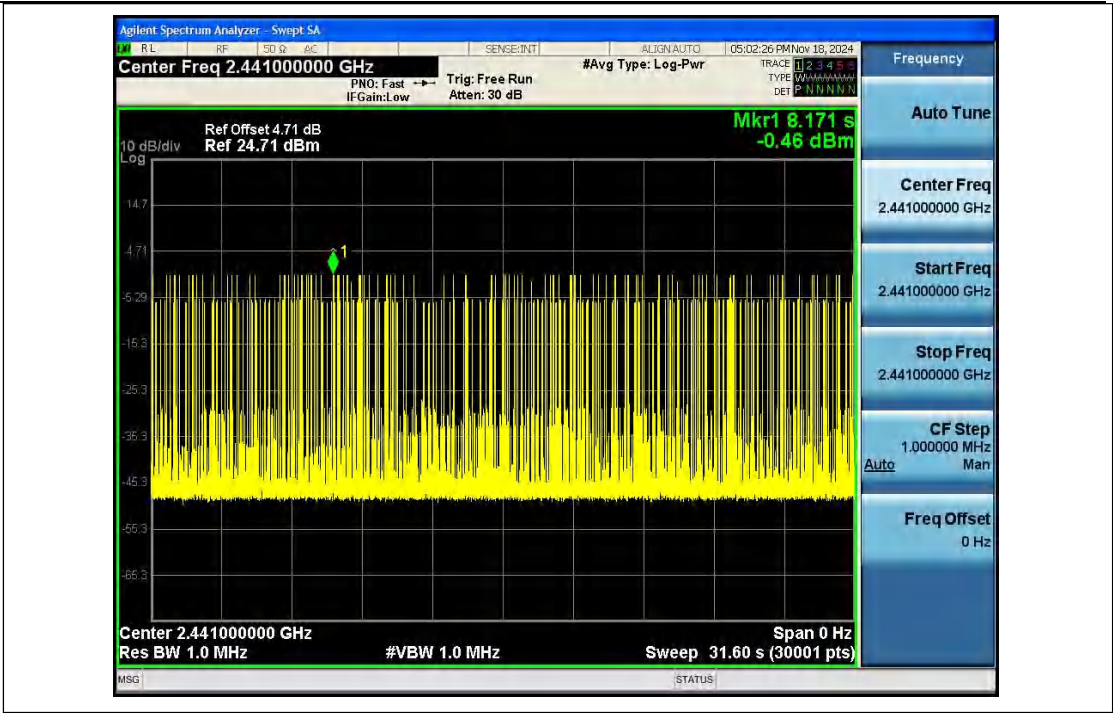


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_One_Burst_Time

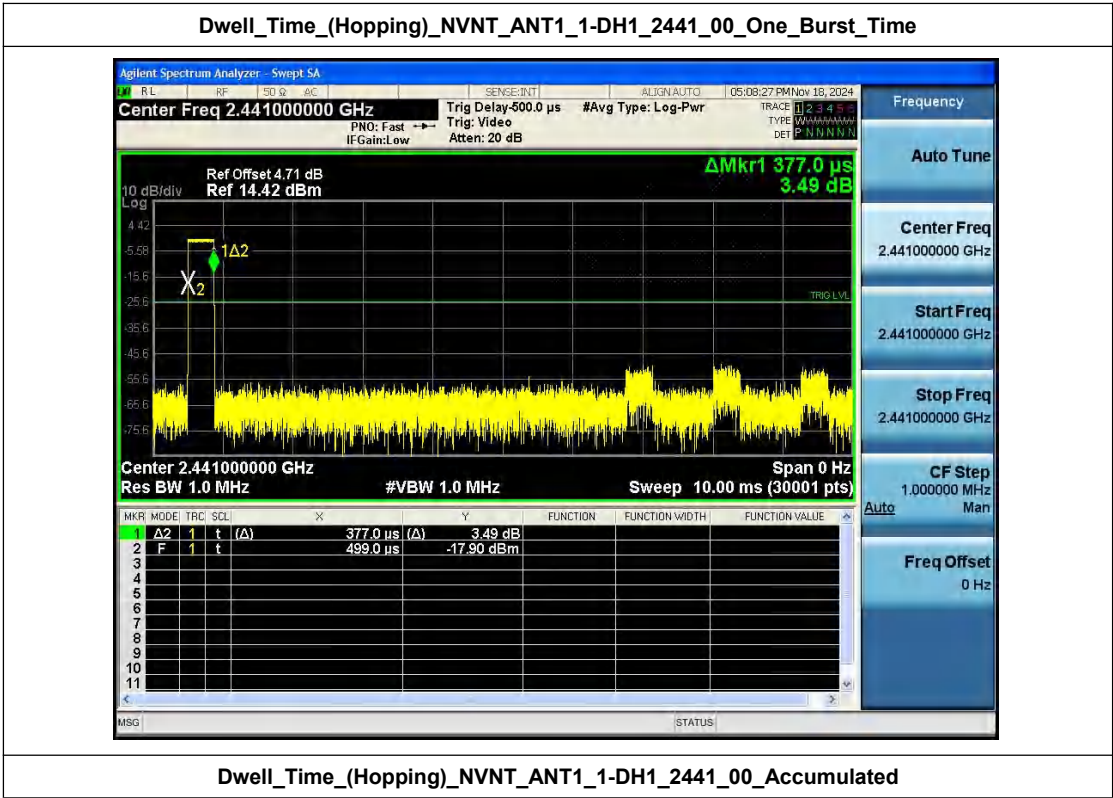


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_00_Accumulated



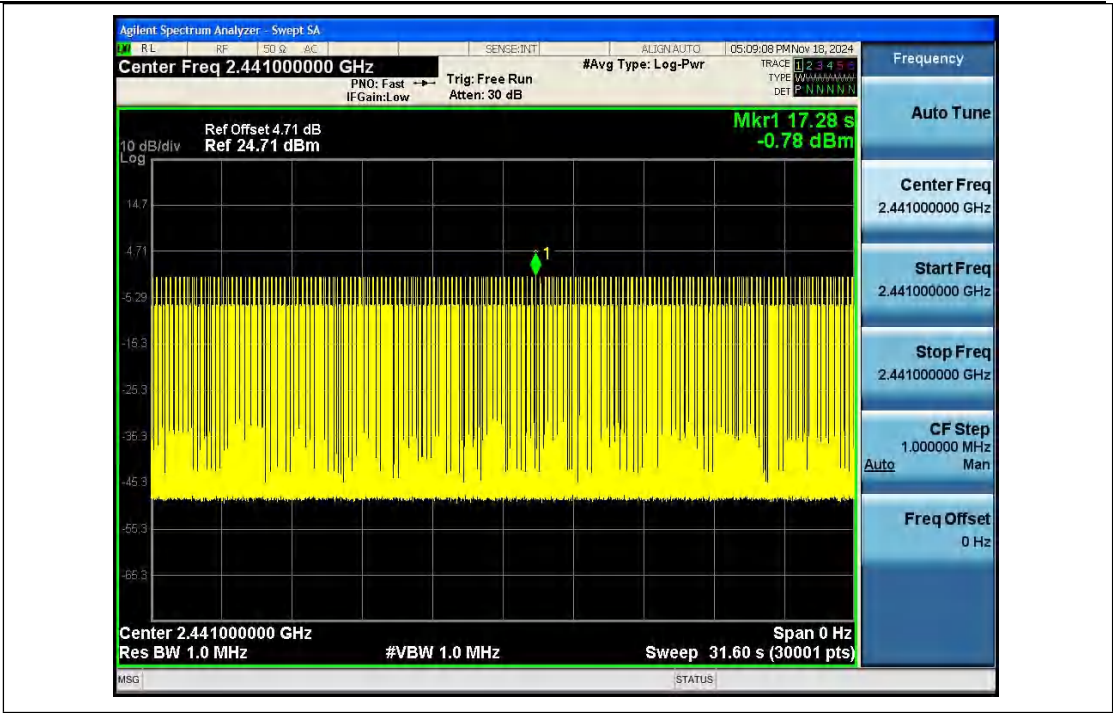


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_One_Burst_Time

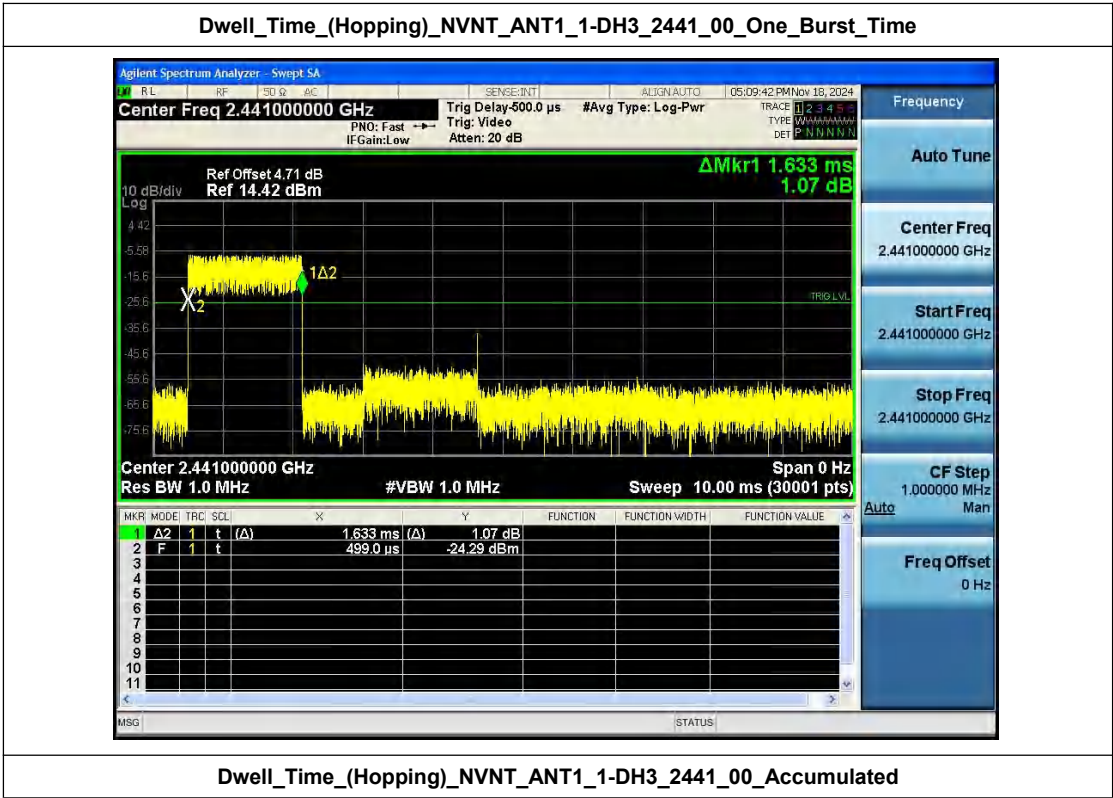


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_Accumulated



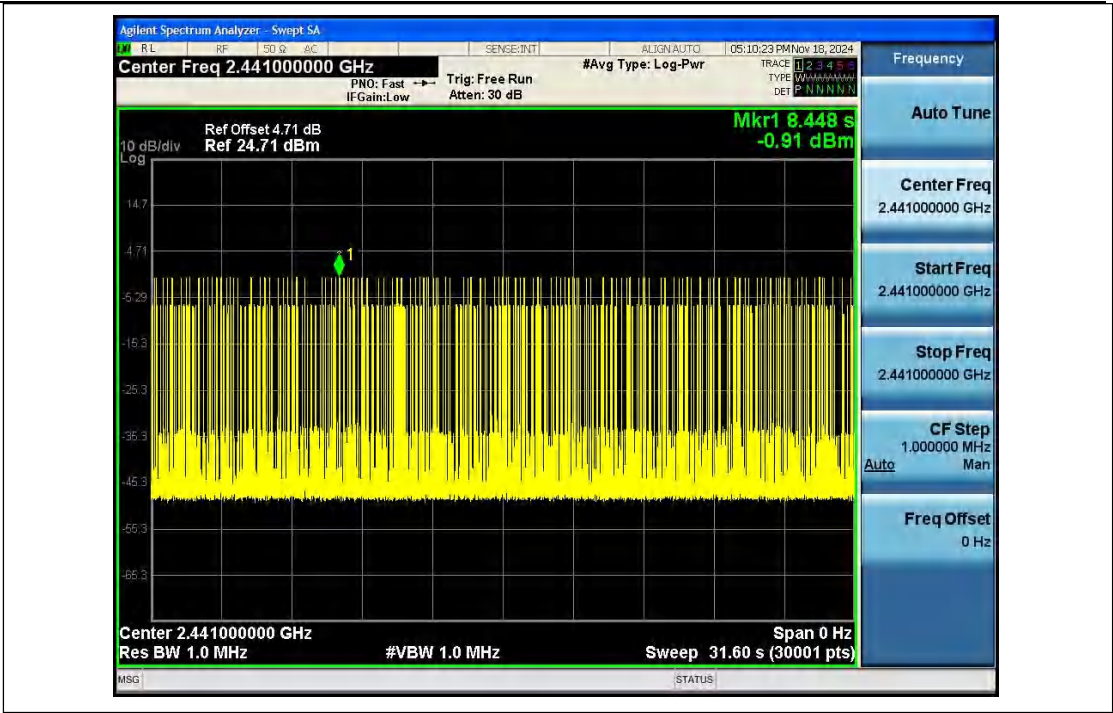


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_One_Burst_Time

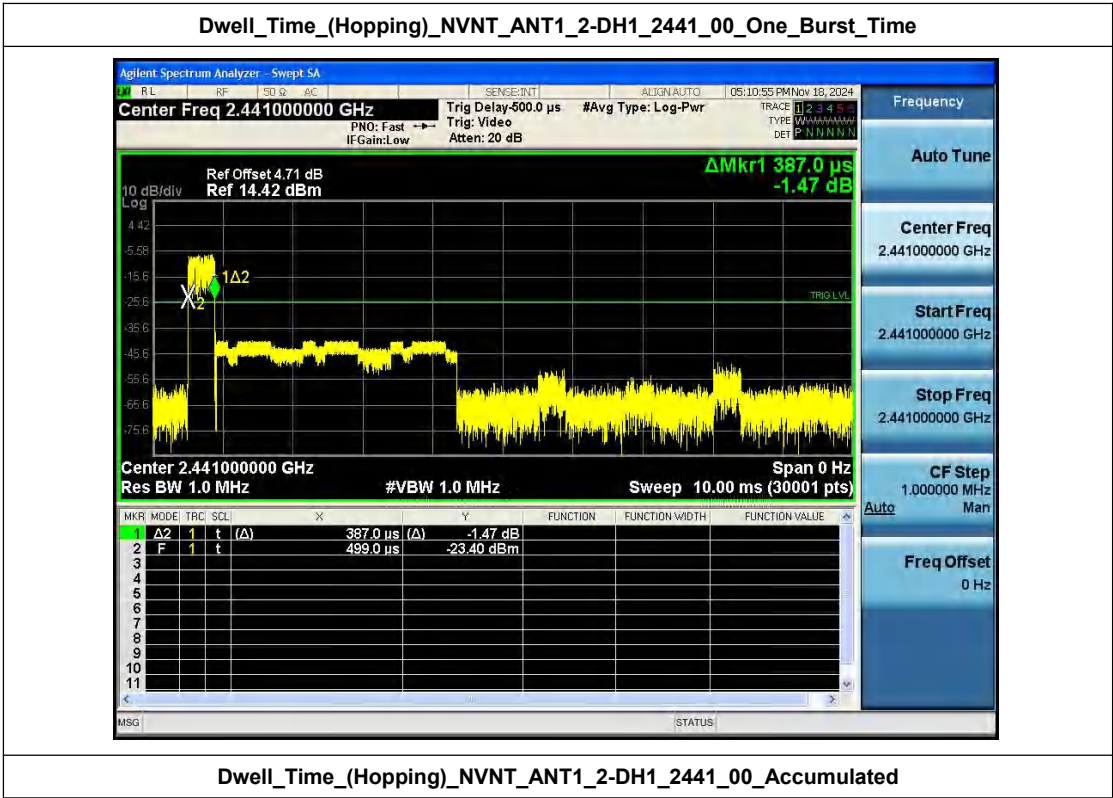


Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_00_Accumulated



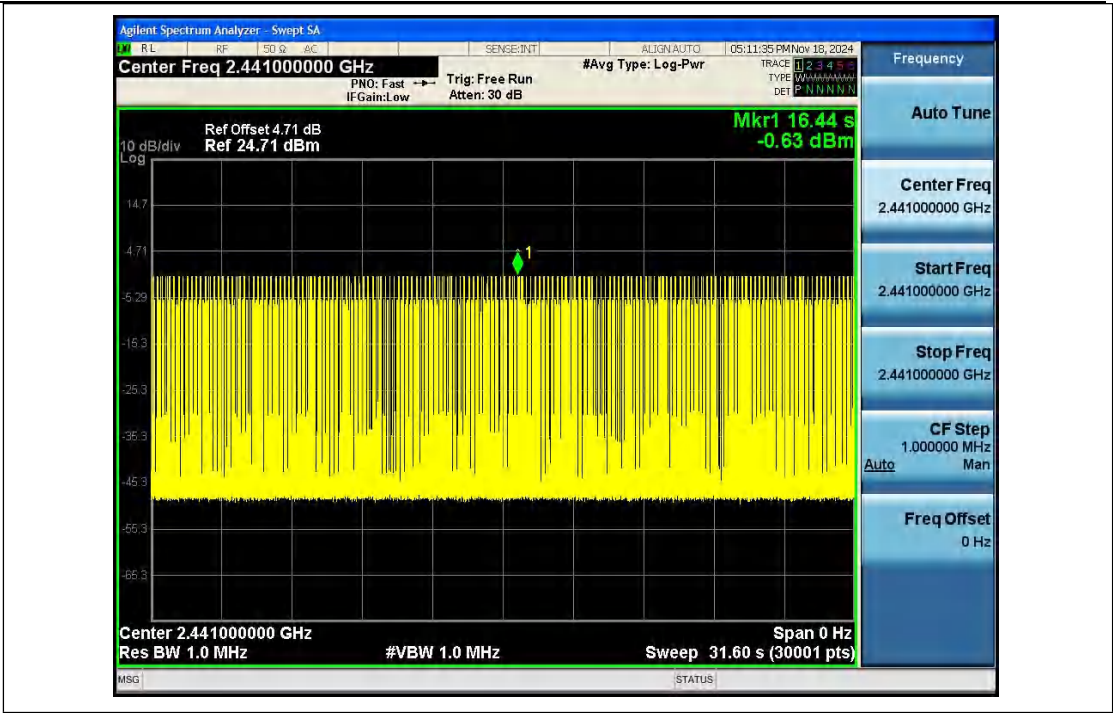


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_One_Burst_Time

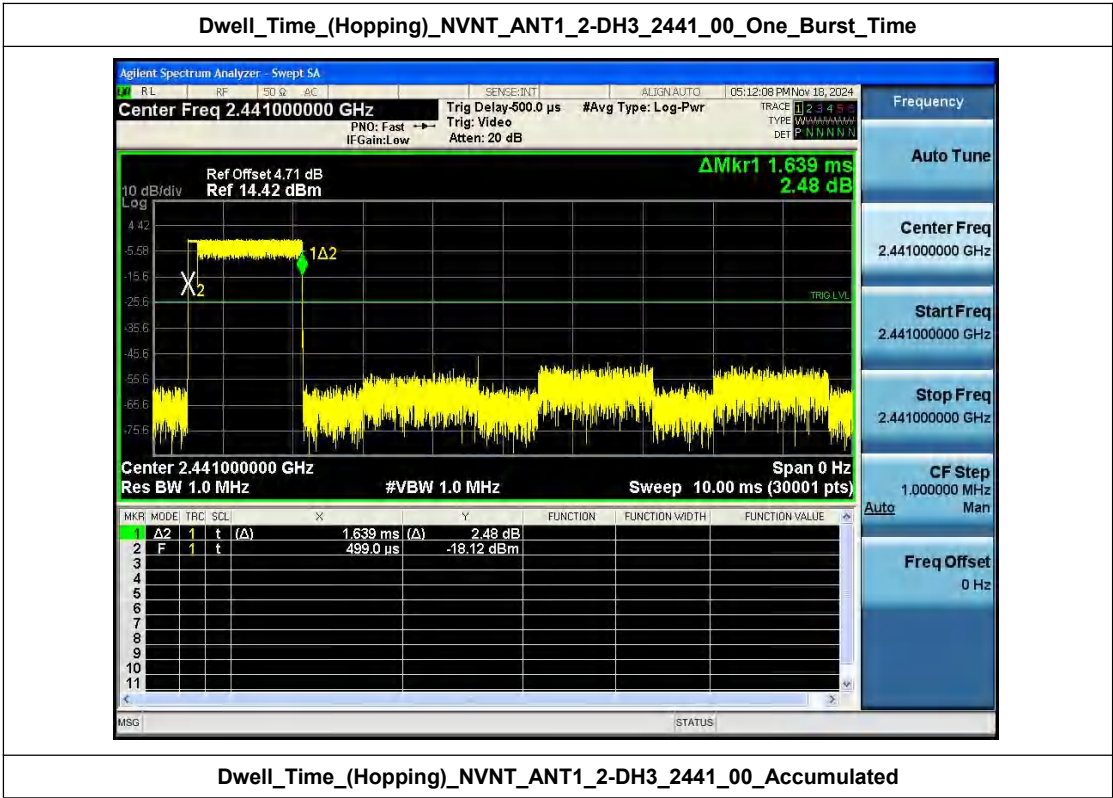


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_Accumulated



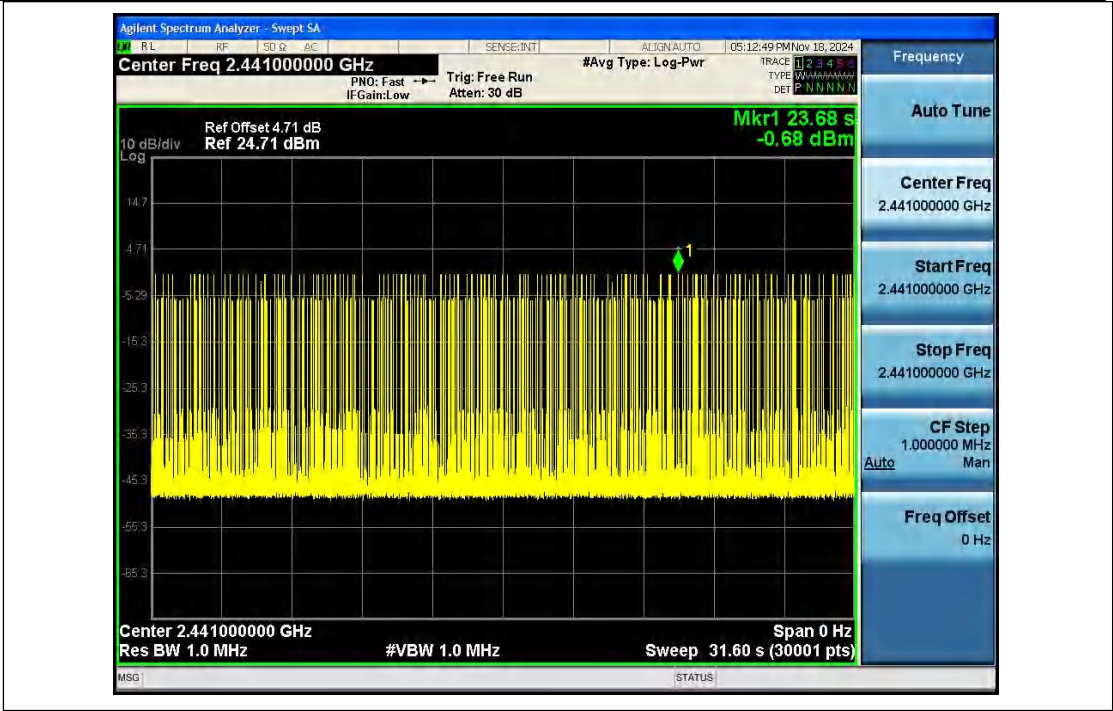


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_One_Burst_Time

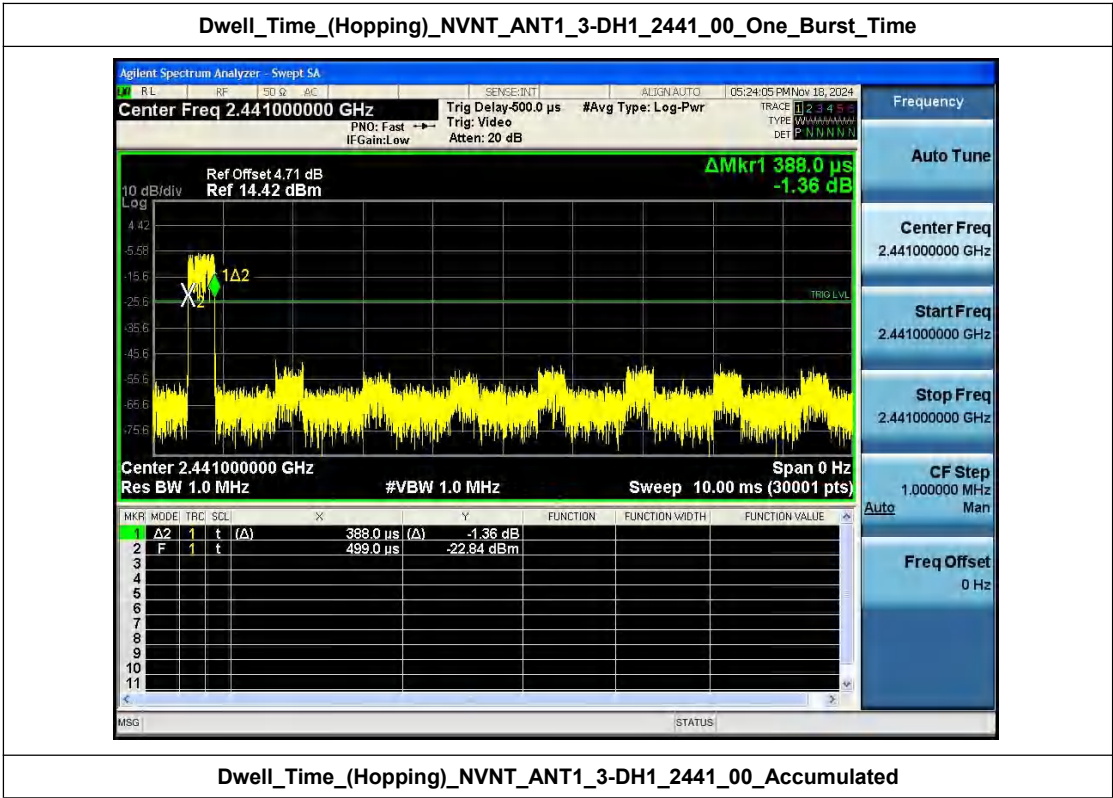


Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_Accumulated



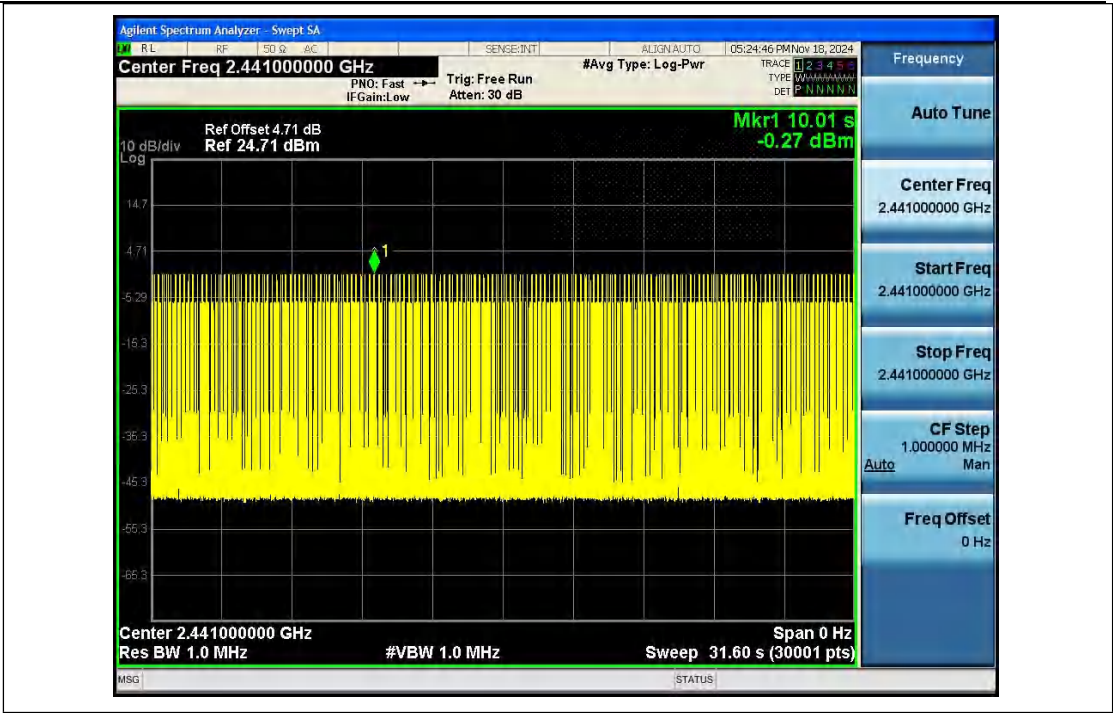


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_One_Burst_Time

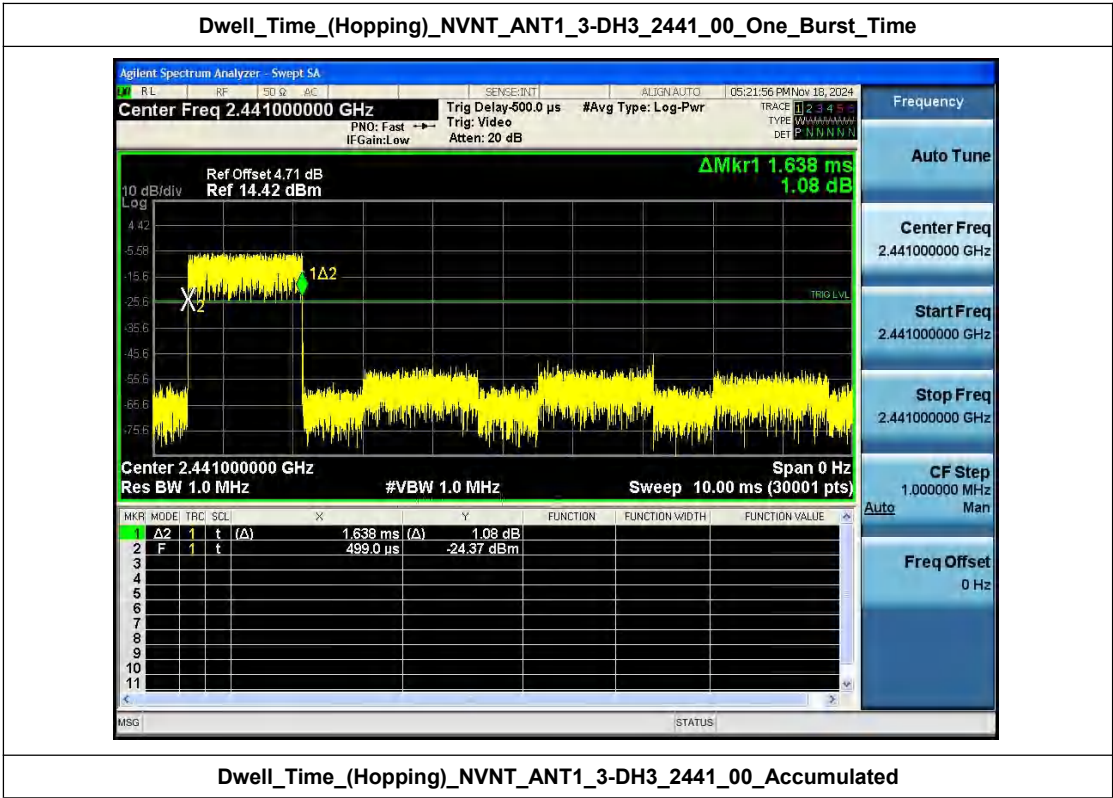


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_00_Accumulated



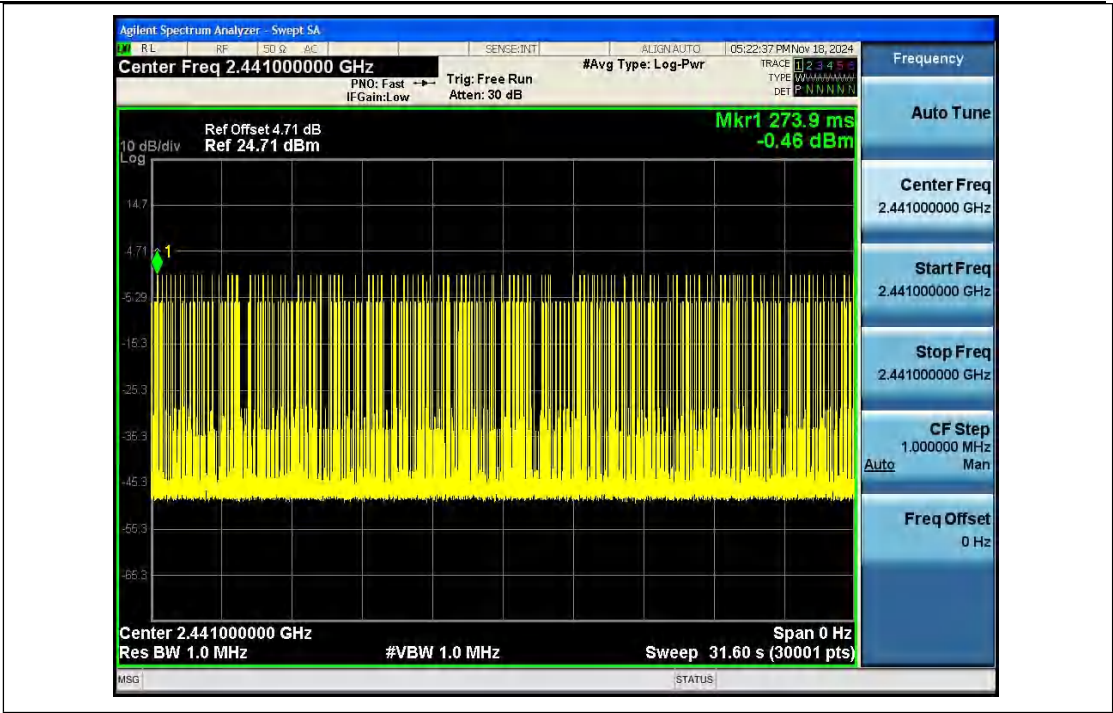


Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_00_Accumulated





---END---

