

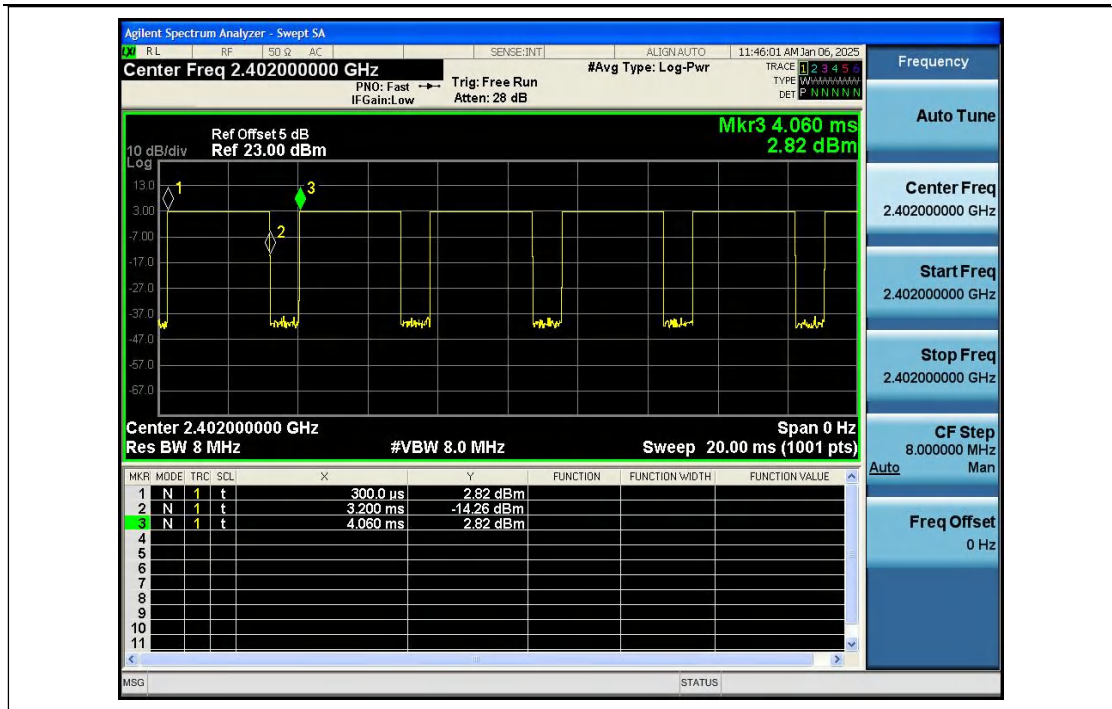
Appendix Test Data

Report No.:	1816C40014112501	Test Sample No.:	1-2-2
Start Test Date:	2025.01.06	Finish Test Date:	2025.2.7
Test Engineer:	<i>Foker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22°C	Relative Humidity:	49%
Pressure:	101kPa		

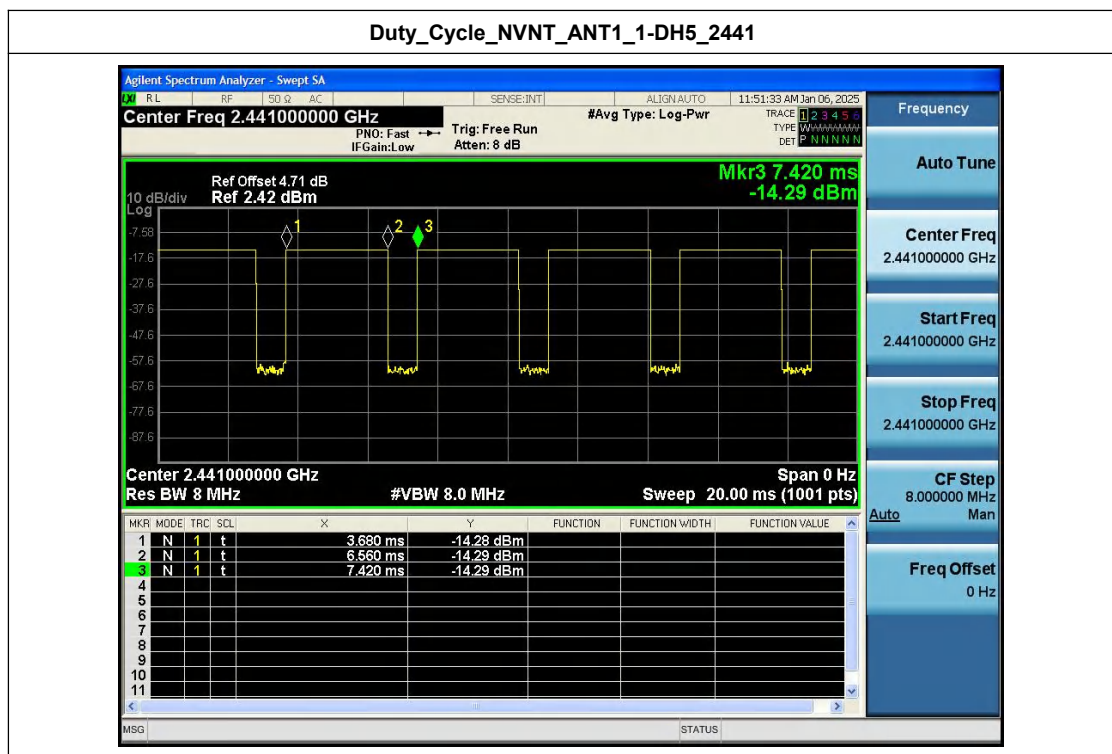
Appendix A: Duty Cycle

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	77.54	1.10
NVNT	ANT1	2-DH5	2441.00	77.54	1.10
NVNT	ANT1	2-DH5	2480.00	77.66	1.10
NVNT	ANT1	3-DH5	2402.00	77.54	1.10
NVNT	ANT1	3-DH5	2441.00	77.13	1.13
NVNT	ANT1	3-DH5	2480.00	77.01	1.13

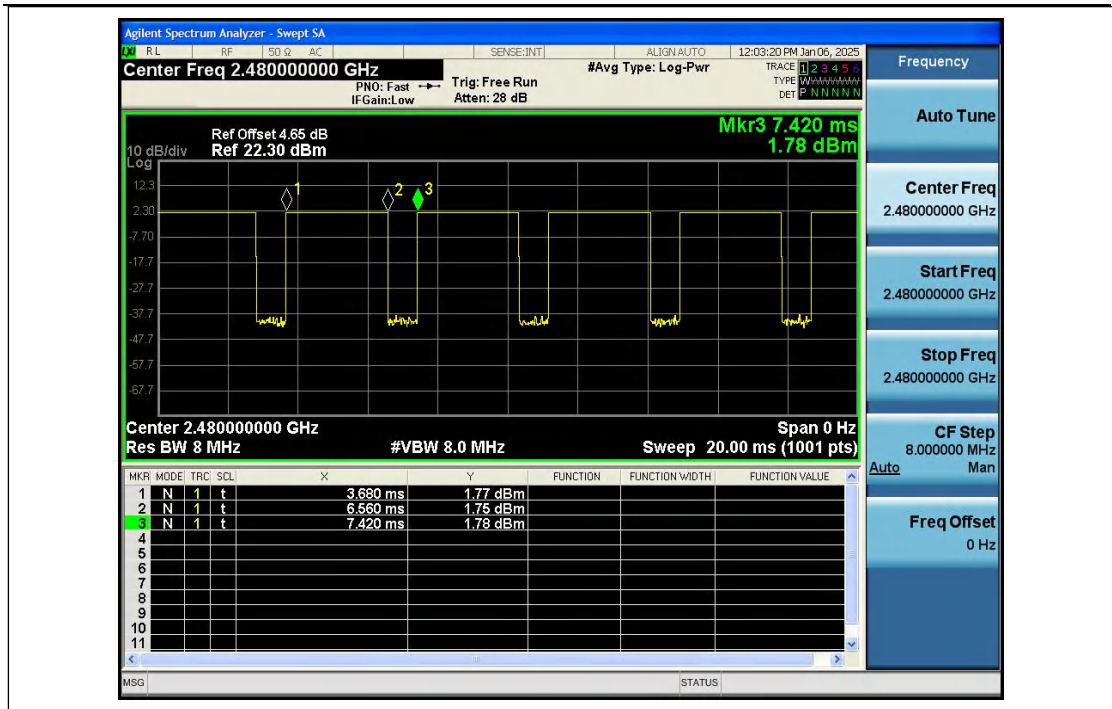
Duty_Cycle_NVNT_ANT1_1-DH5_2402



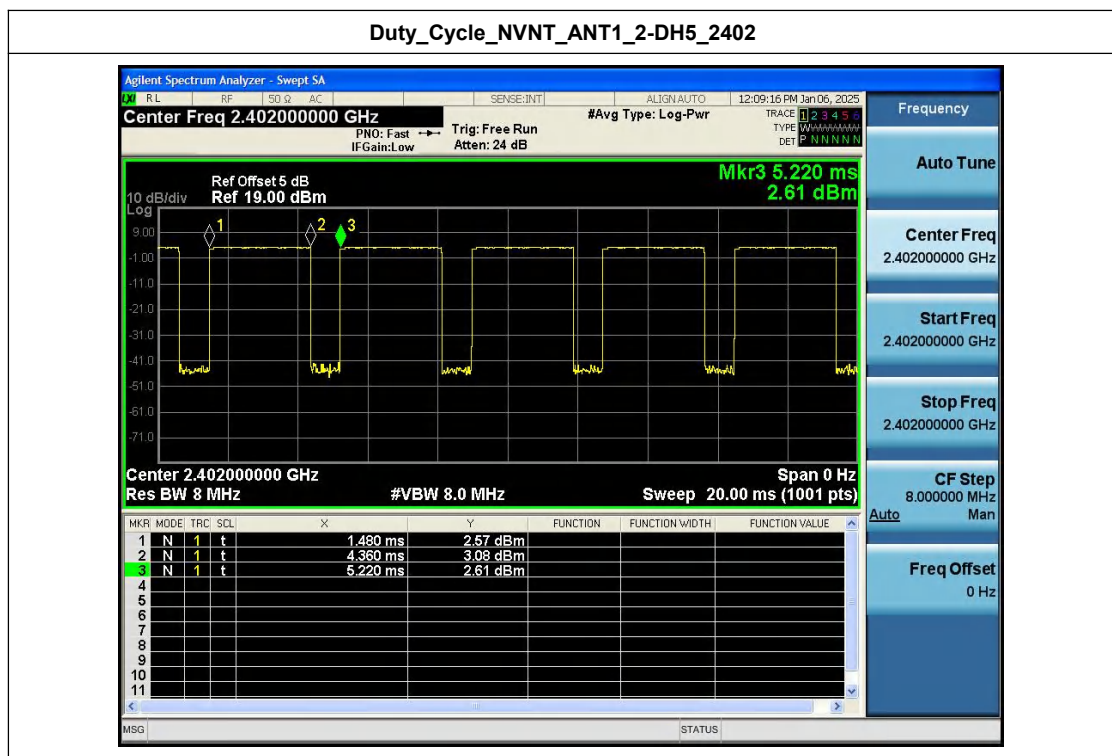
Duty_Cycle_NVNT_ANT1_1-DH5_2441



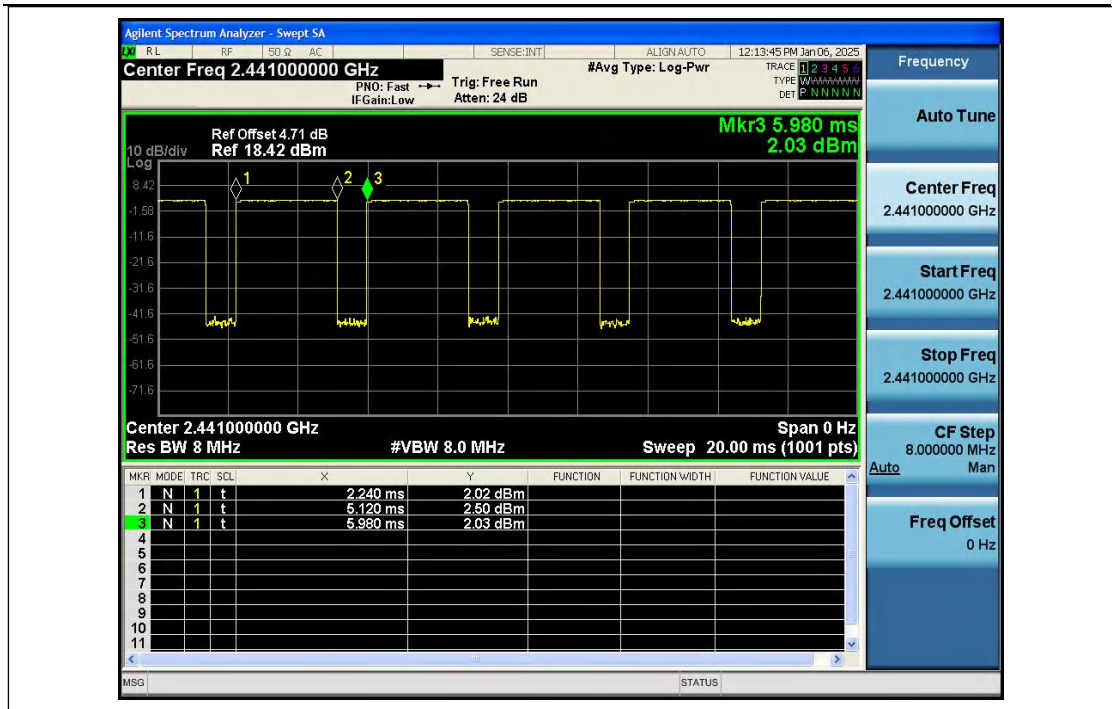
Duty_Cycle_NVNT_ANT1_1-DH5_2480



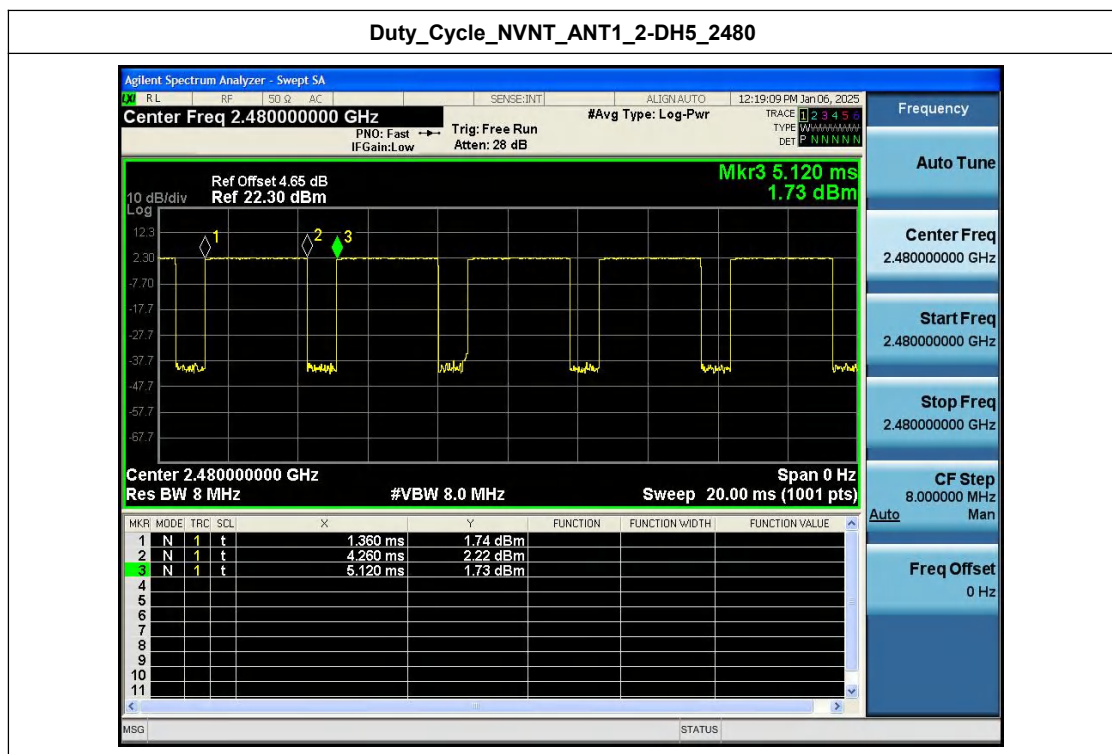
Duty_Cycle_NVNT_ANT1_2-DH5_2402



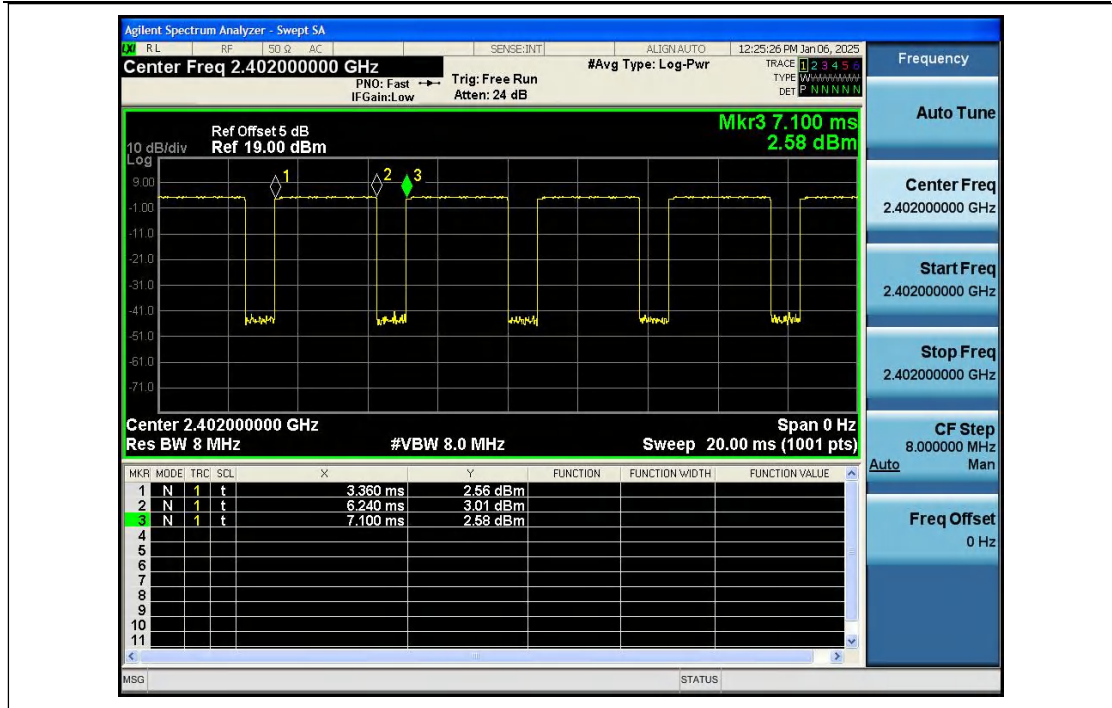
Duty_Cycle_NVNT_ANT1_2-DH5_2441



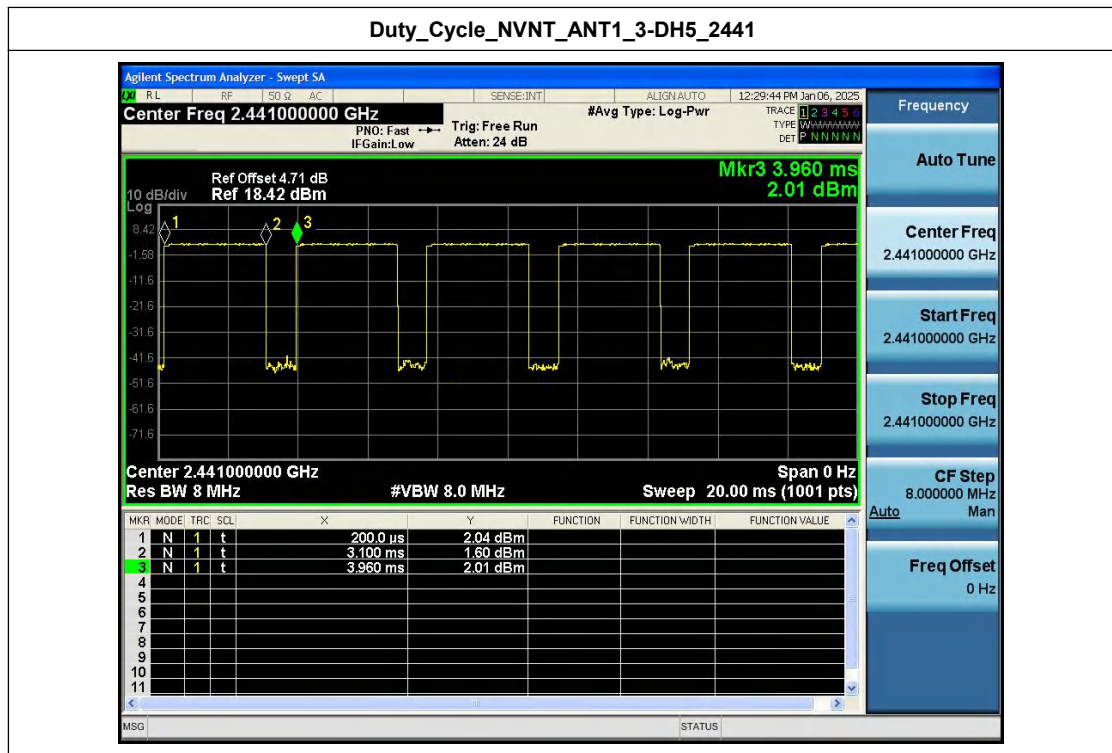
Duty_Cycle_NVNT_ANT1_2-DH5_2480



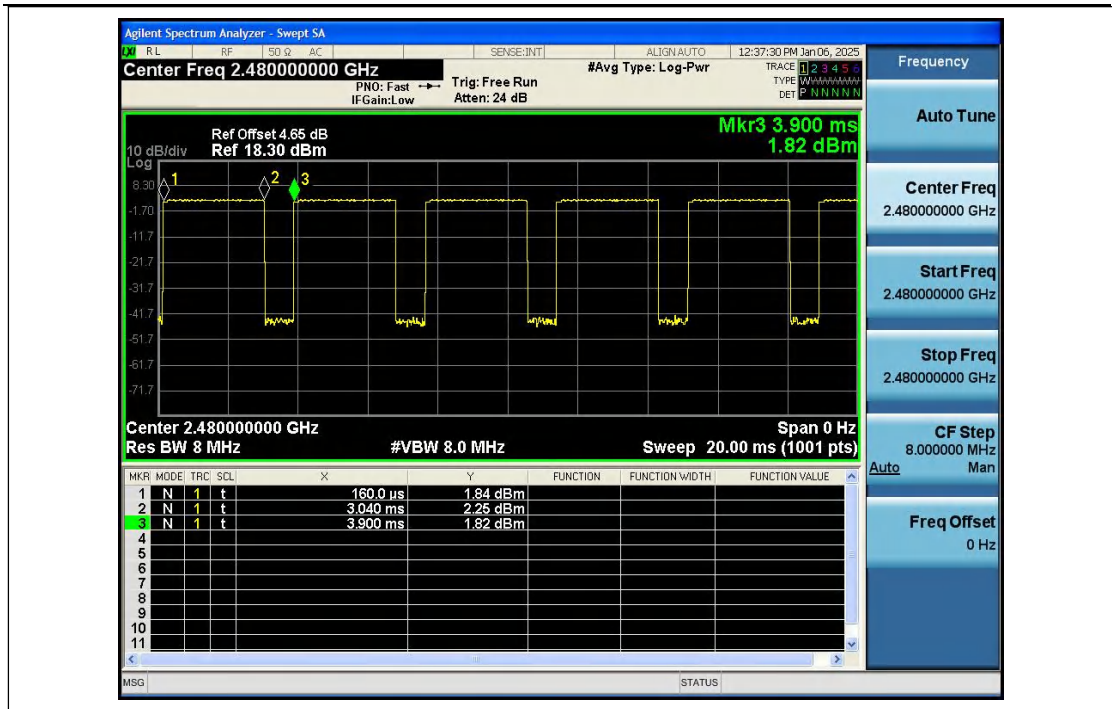
Duty_Cycle_NVNT_ANT1_3-DH5_2402



Duty_Cycle_NVNT_ANT1_3-DH5_2441



Duty_Cycle_NVNT_ANT1_3-DH5_2480



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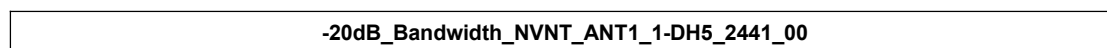
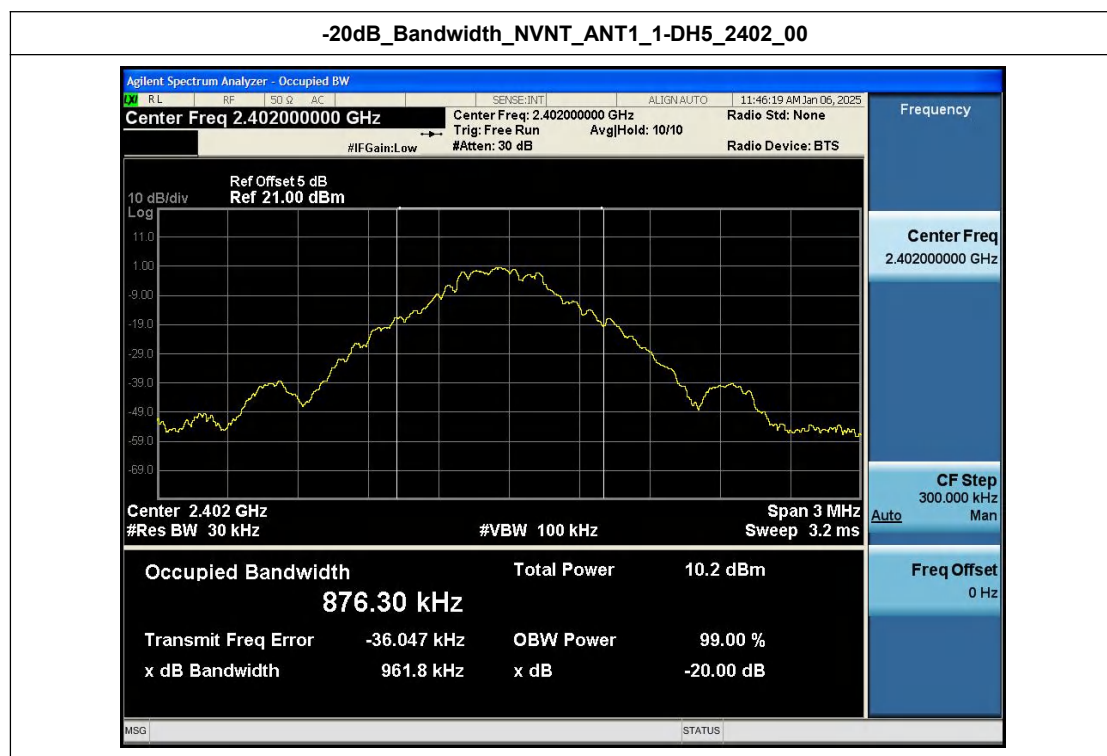
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

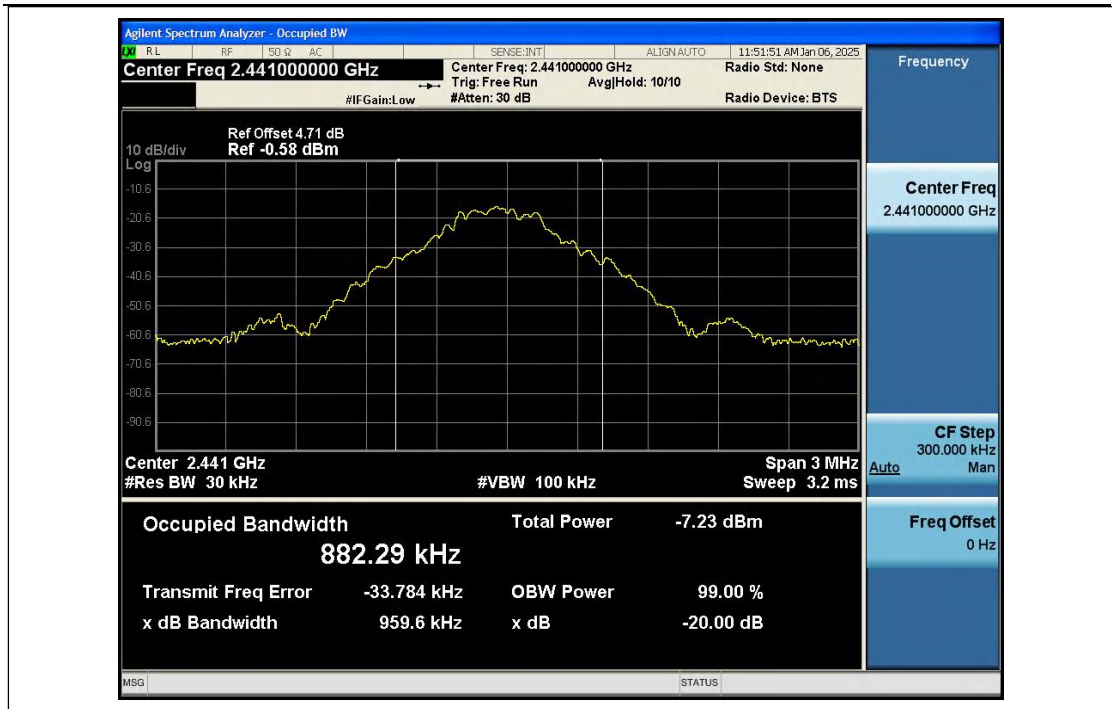


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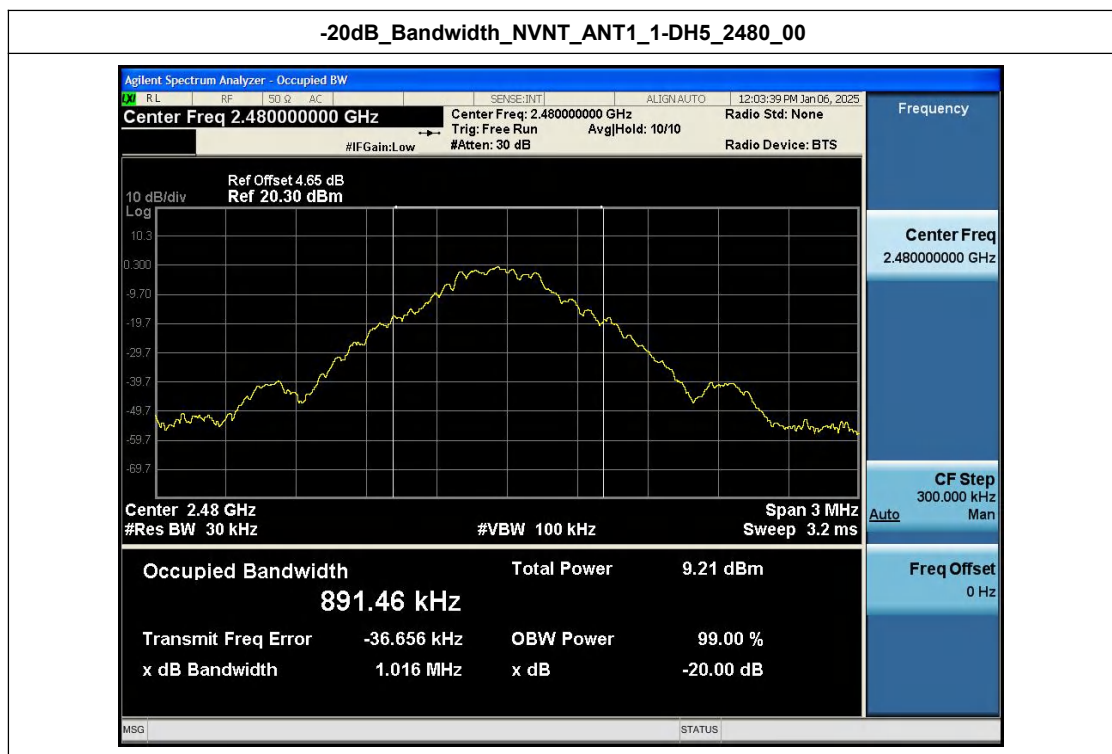
Appendix B: -20dB Bandwidth

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	0.960	No
NVNT	ANT1	1-DH5	2480.00	1.016	Yes
NVNT	ANT1	2-DH5	2402.00	1.288	Yes
NVNT	ANT1	2-DH5	2441.00	1.309	Yes
NVNT	ANT1	2-DH5	2480.00	1.315	Yes
NVNT	ANT1	3-DH5	2402.00	1.293	Yes
NVNT	ANT1	3-DH5	2441.00	1.298	Yes
NVNT	ANT1	3-DH5	2480.00	1.303	Yes

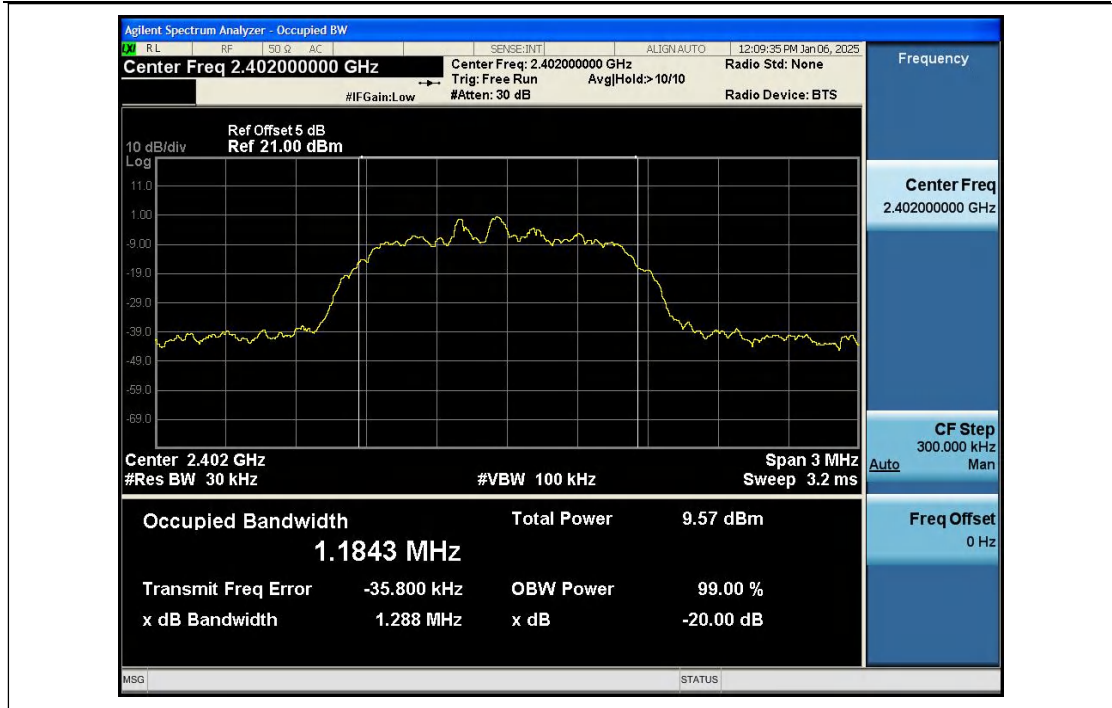




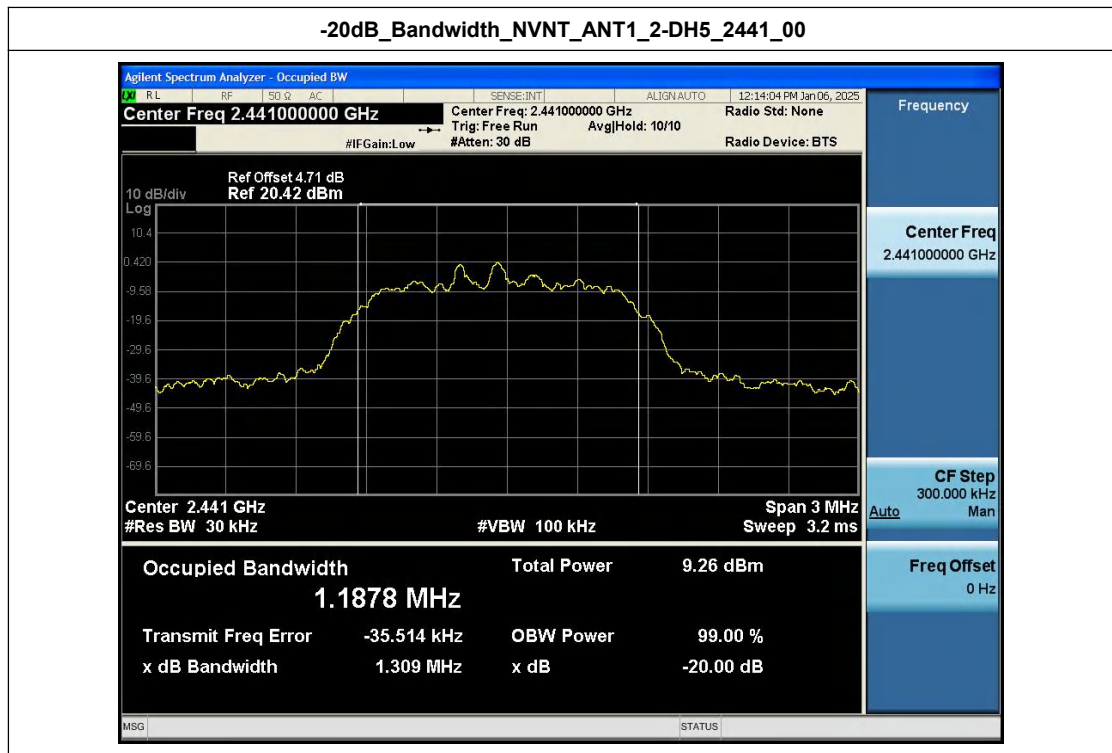
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480_00



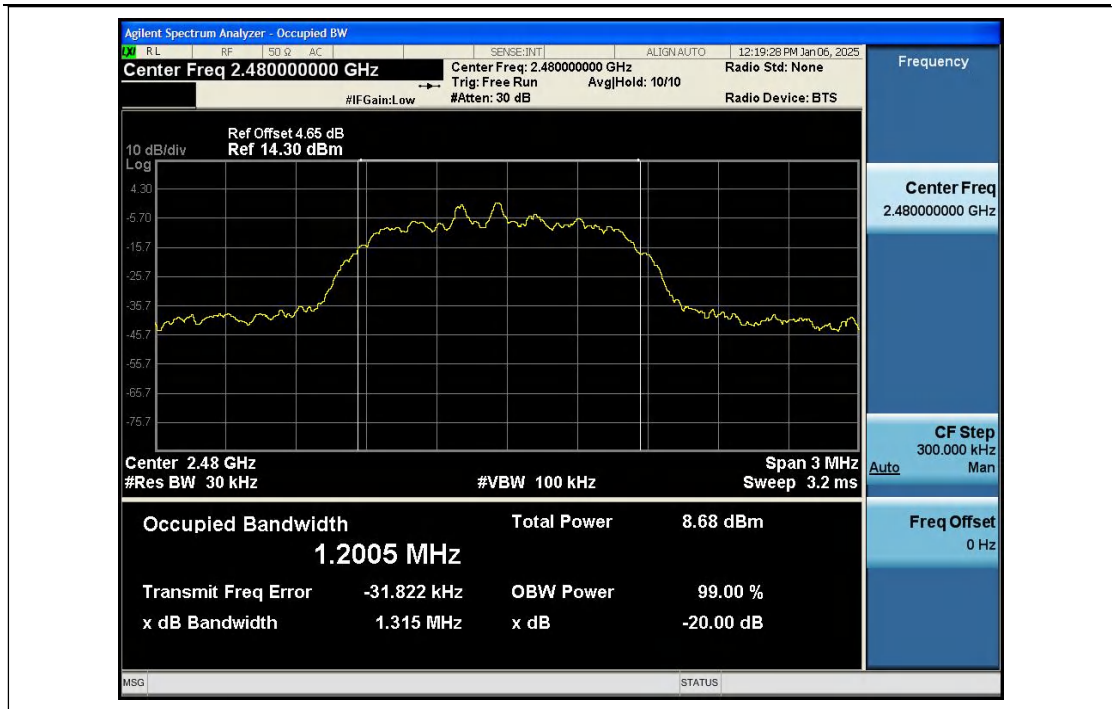
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00



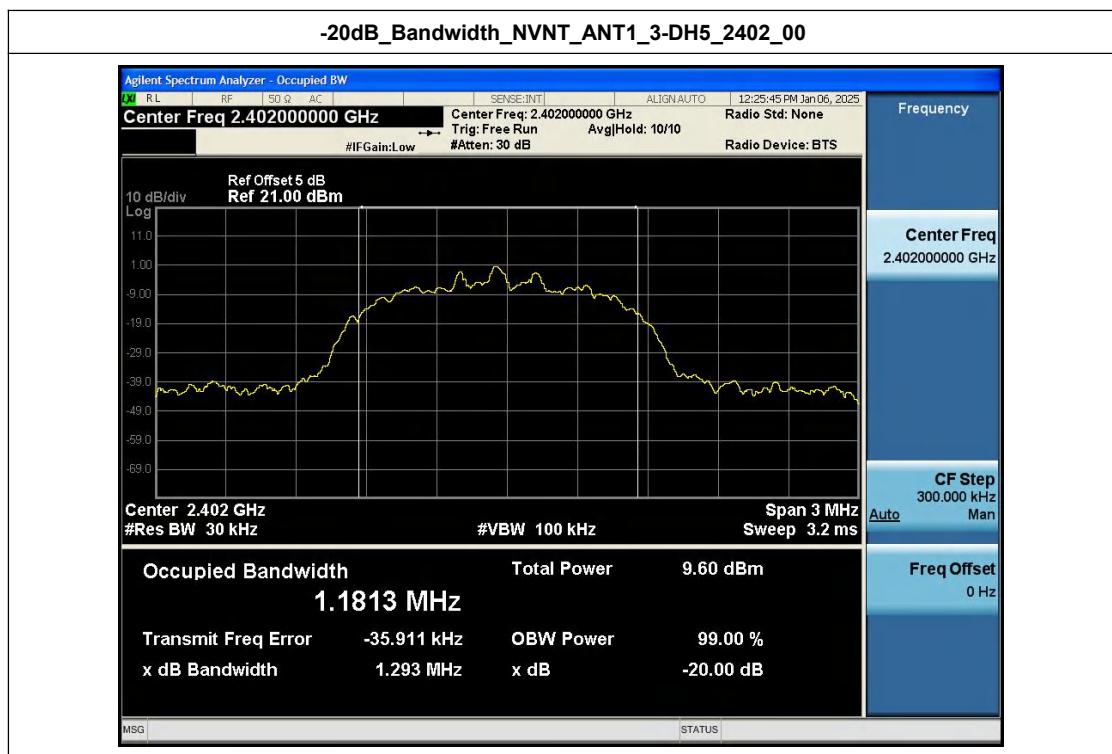
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00



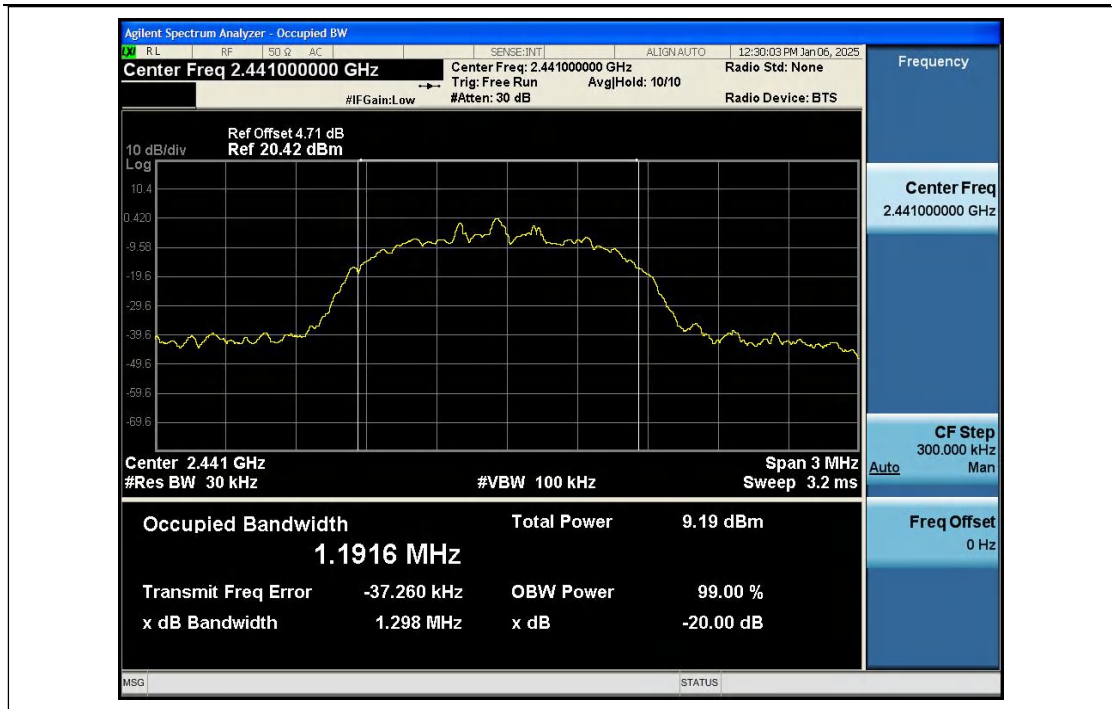
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00



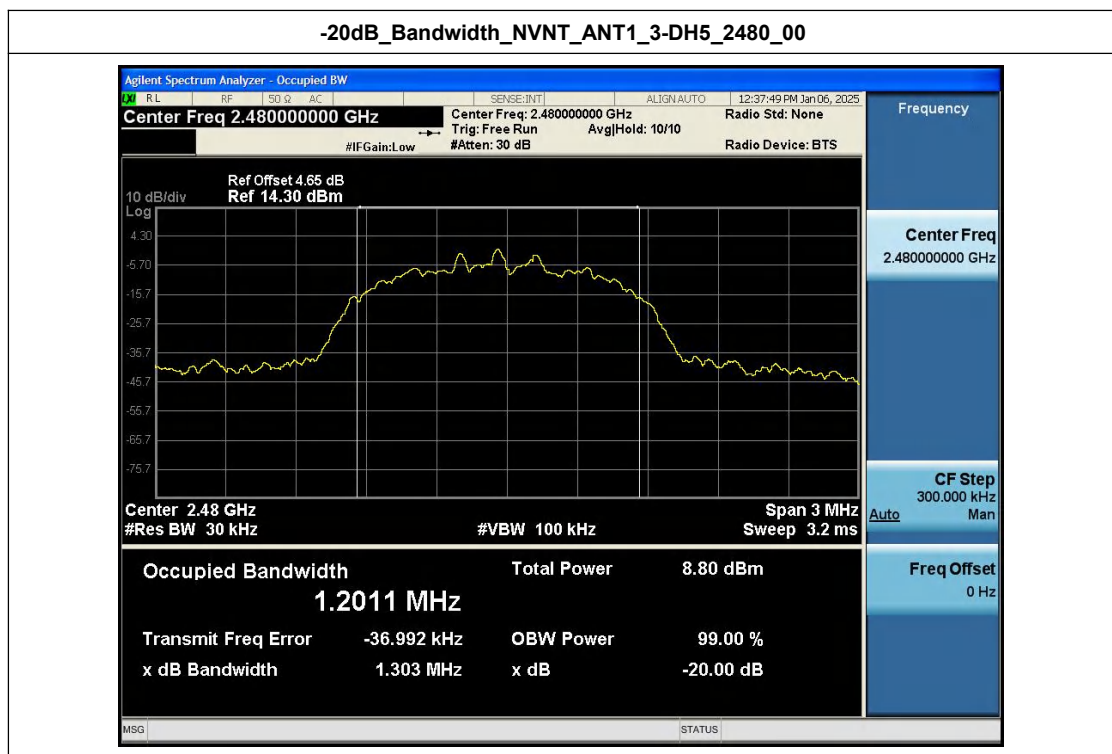
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-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00



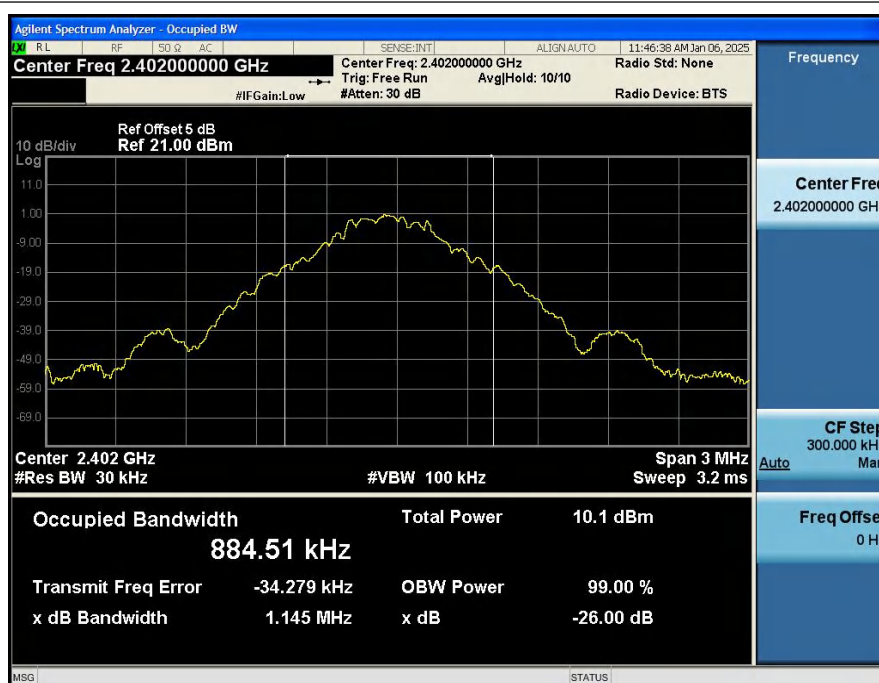
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480_00



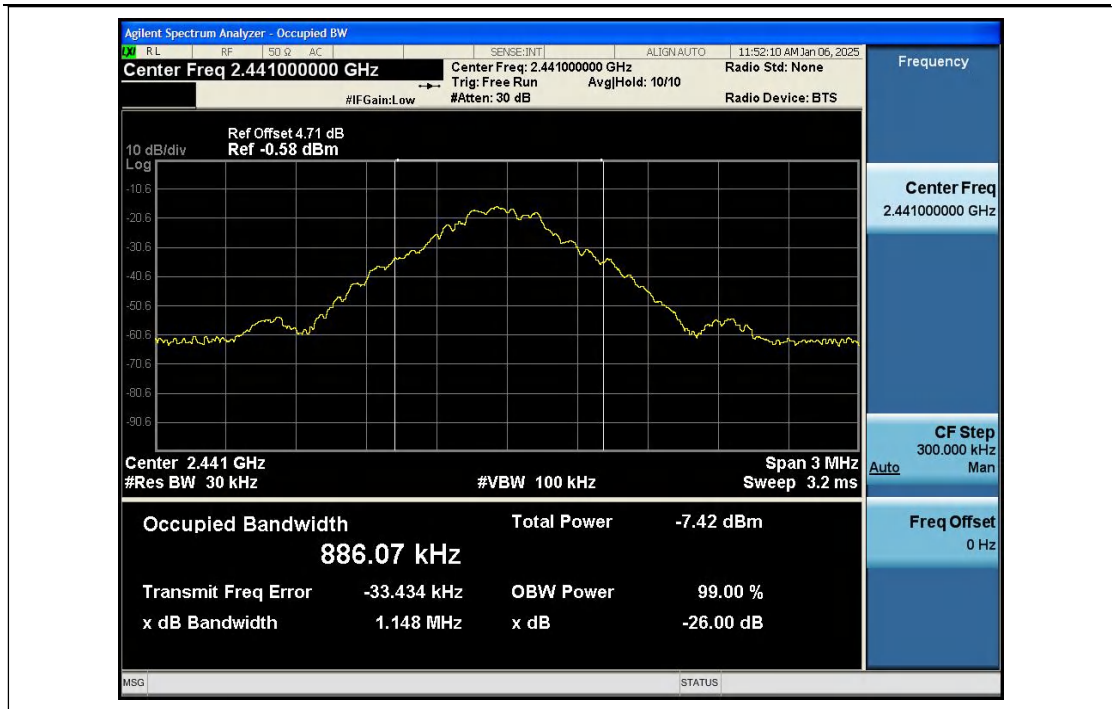
Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.885
NVNT	ANT1	1-DH5	2441.00	0.886
NVNT	ANT1	1-DH5	2480.00	0.896
NVNT	ANT1	2-DH5	2402.00	1.182
NVNT	ANT1	2-DH5	2441.00	1.190
NVNT	ANT1	2-DH5	2480.00	1.200
NVNT	ANT1	3-DH5	2402.00	1.183
NVNT	ANT1	3-DH5	2441.00	1.193
NVNT	ANT1	3-DH5	2480.00	1.201

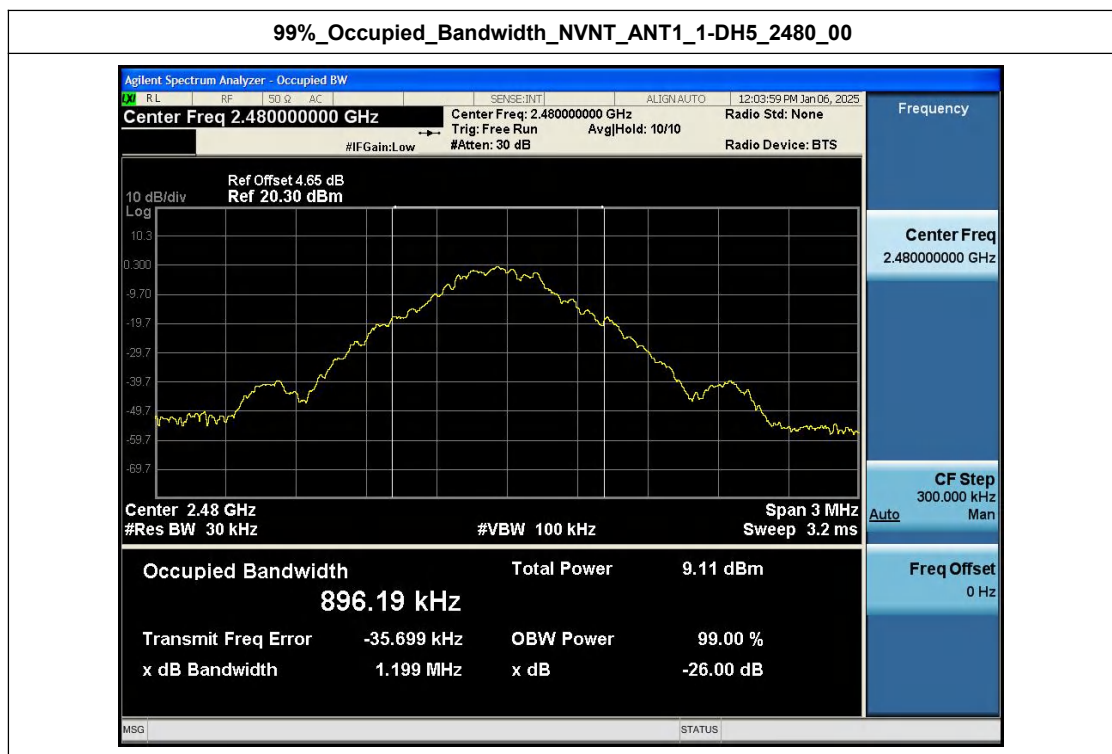
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402_00



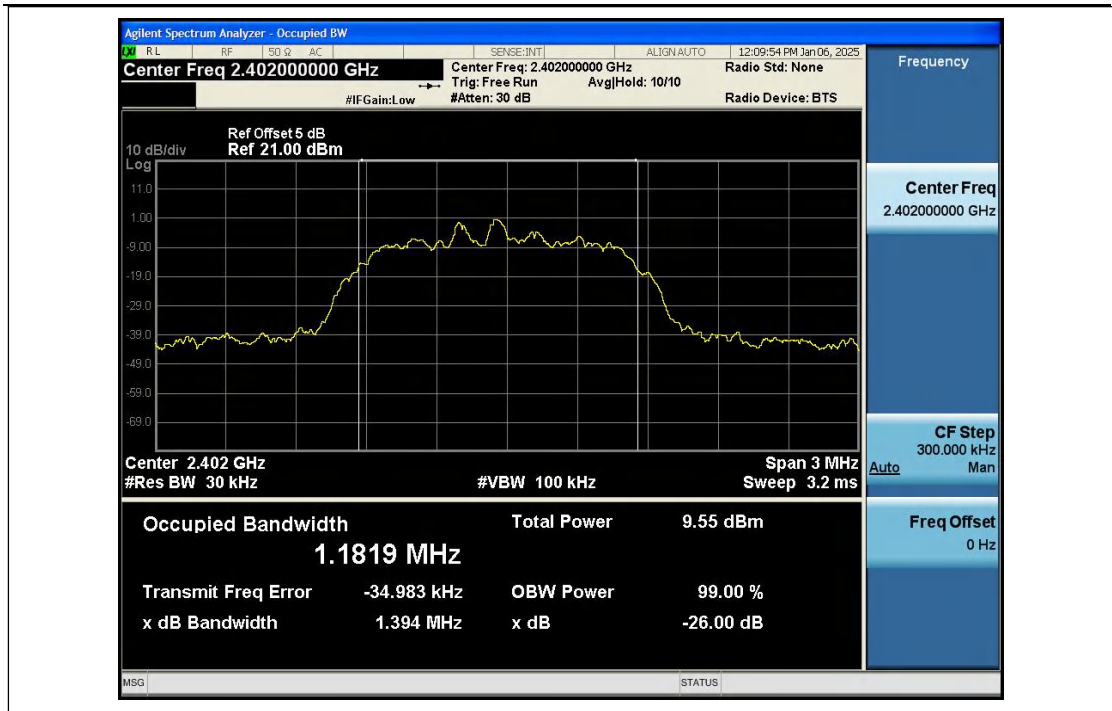
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00



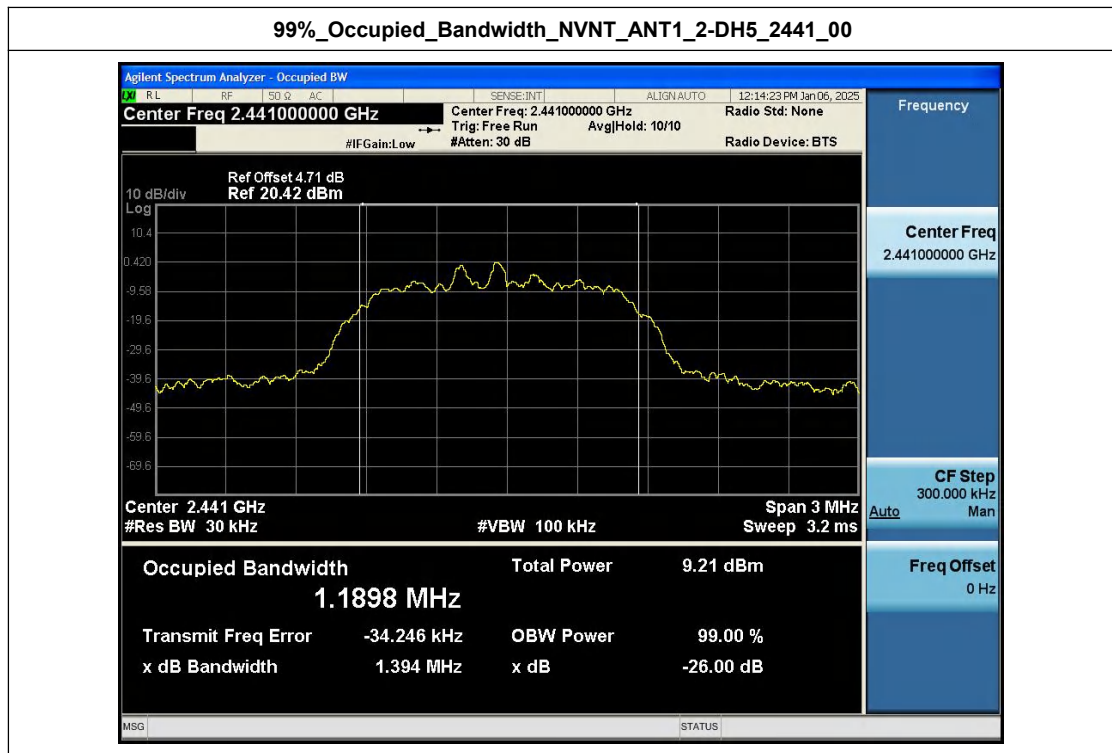
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00



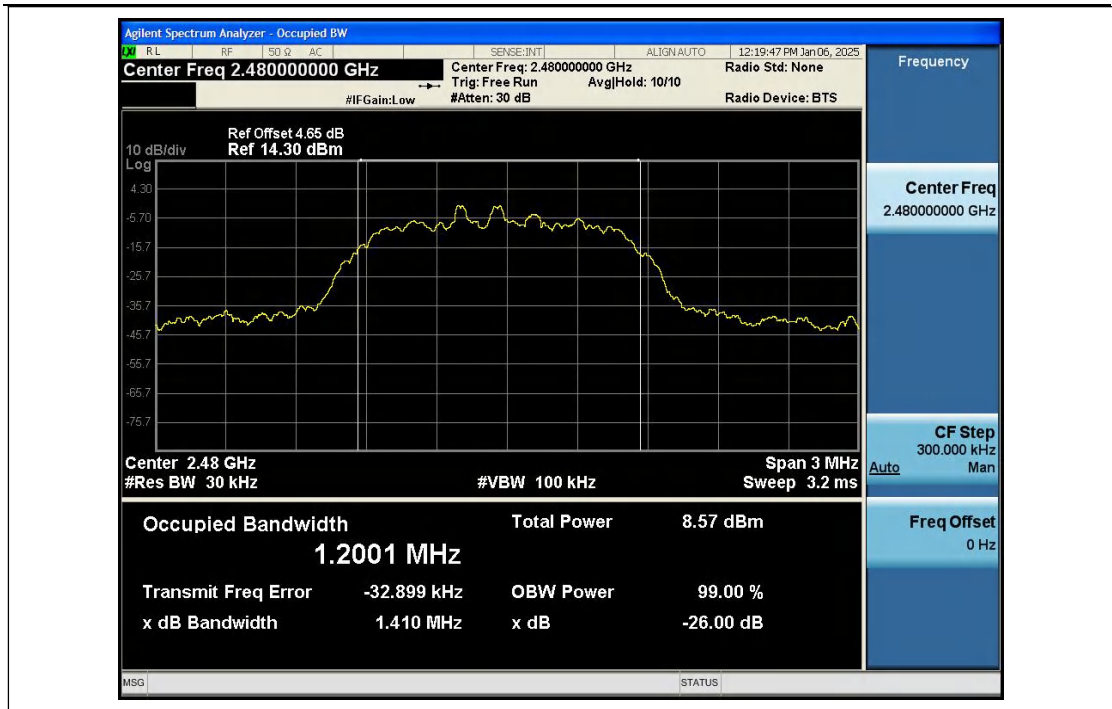
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



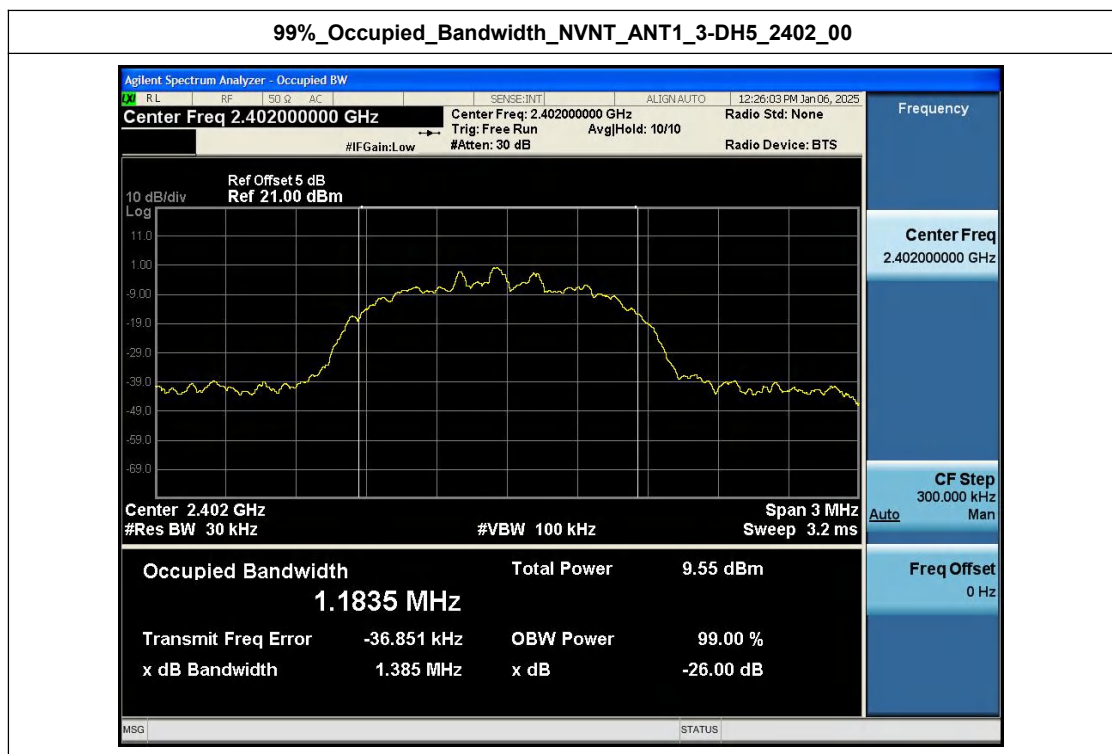
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00



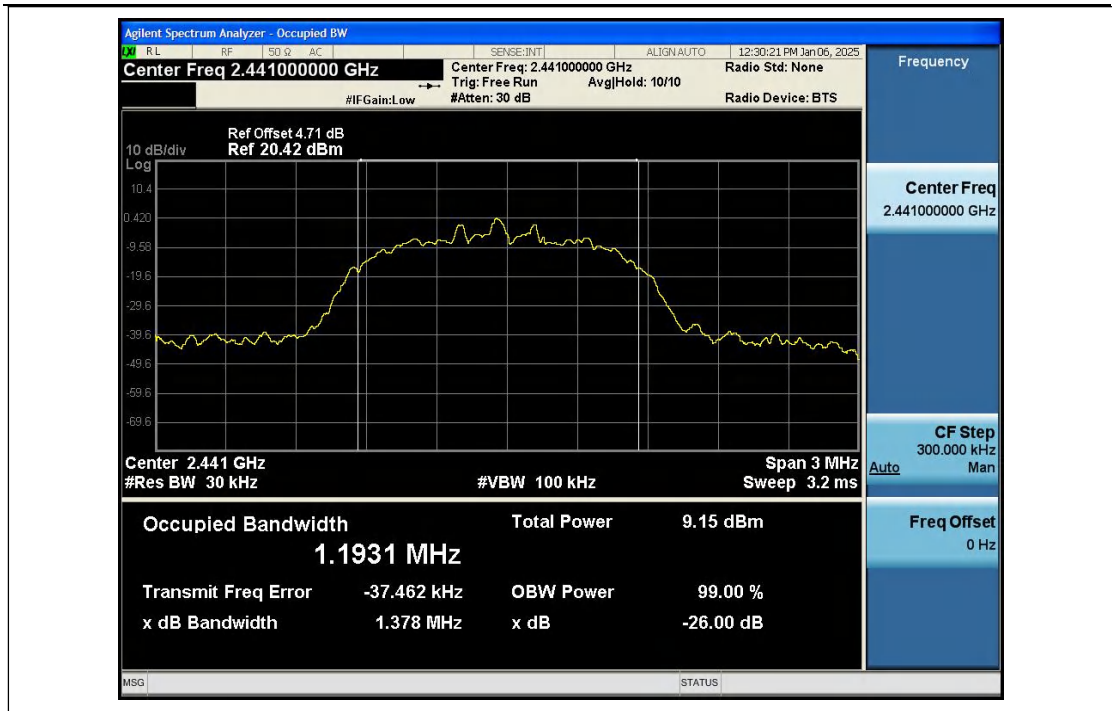
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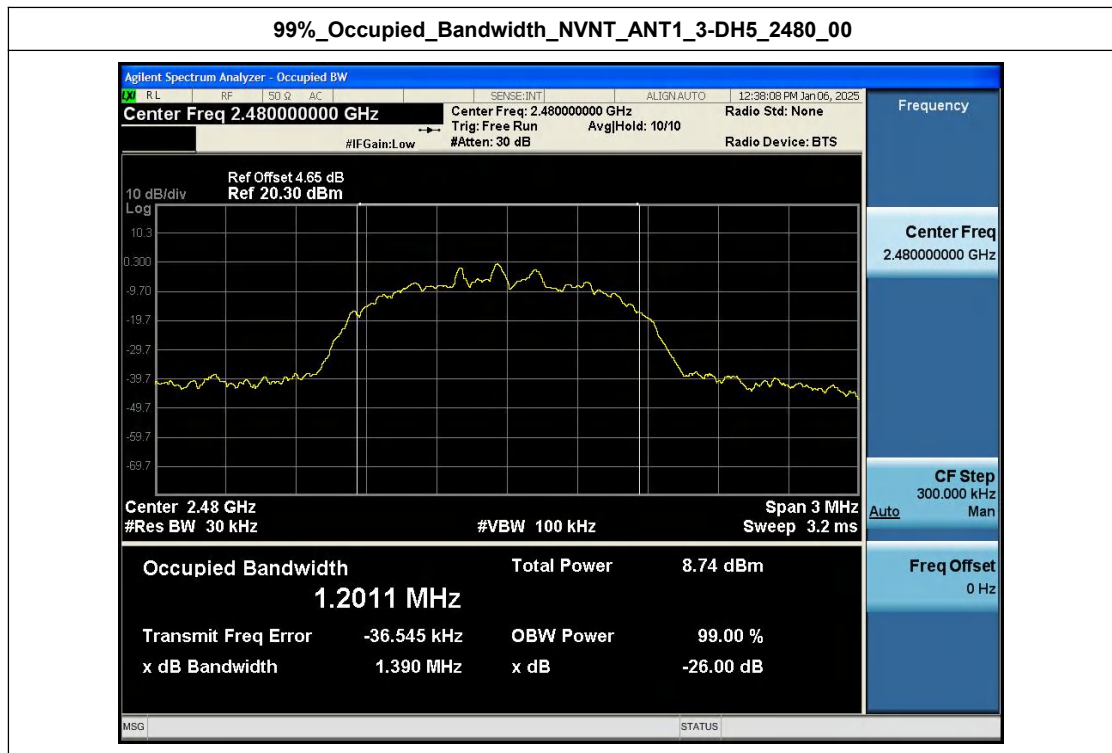
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99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441_00



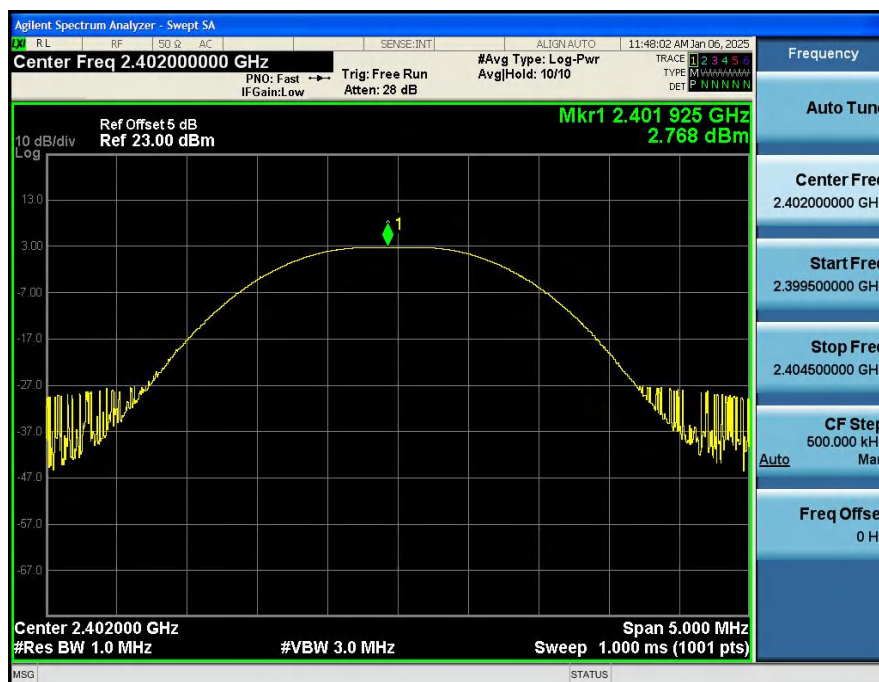
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480_00



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	2.77	1.89	125	Pass
NVNT	ANT1	1-DH5	2441.00	1.93	1.56	125	Pass
NVNT	ANT1	1-DH5	2480.00	1.82	1.52	125	Pass
NVNT	ANT1	2-DH5	2402.00	3.18	2.08	125	Pass
NVNT	ANT1	2-DH5	2441.00	2.60	1.82	125	Pass
NVNT	ANT1	2-DH5	2480.00	2.50	1.78	125	Pass
NVNT	ANT1	3-DH5	2402.00	3.44	2.21	125	Pass
NVNT	ANT1	3-DH5	2441.00	2.88	1.94	125	Pass
NVNT	ANT1	3-DH5	2480.00	2.65	1.84	125	Pass

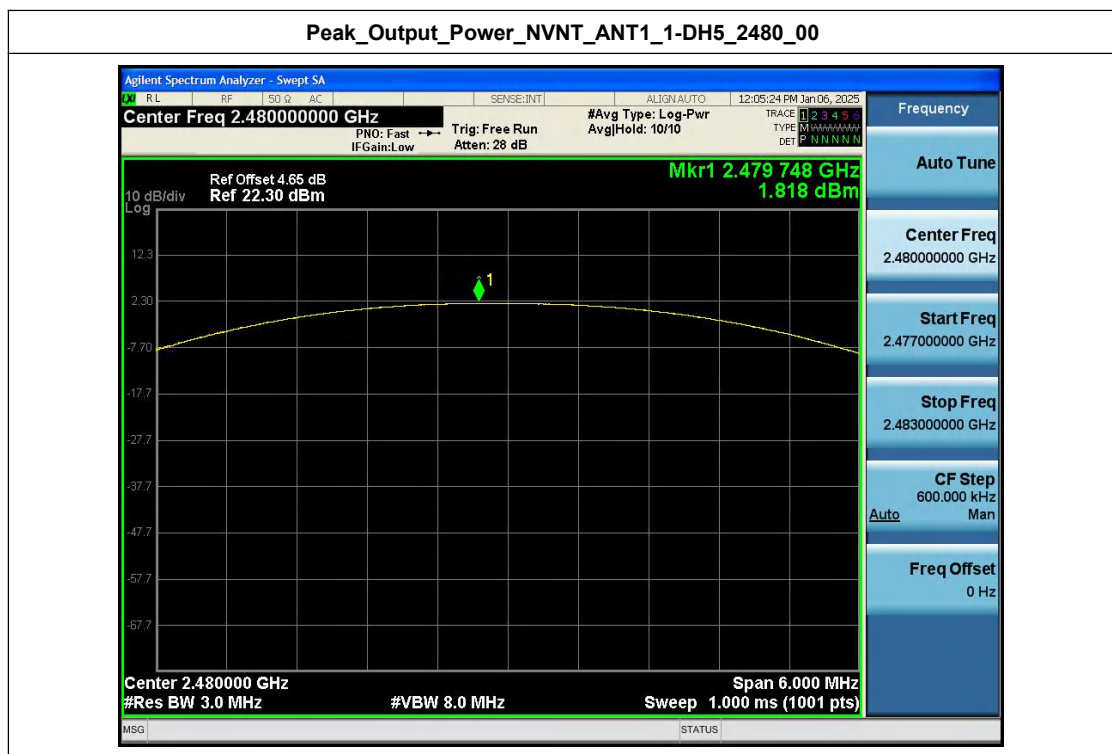
Peak_Output_Power_NVNT_ANT1_1-DH5_2402_00



Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00



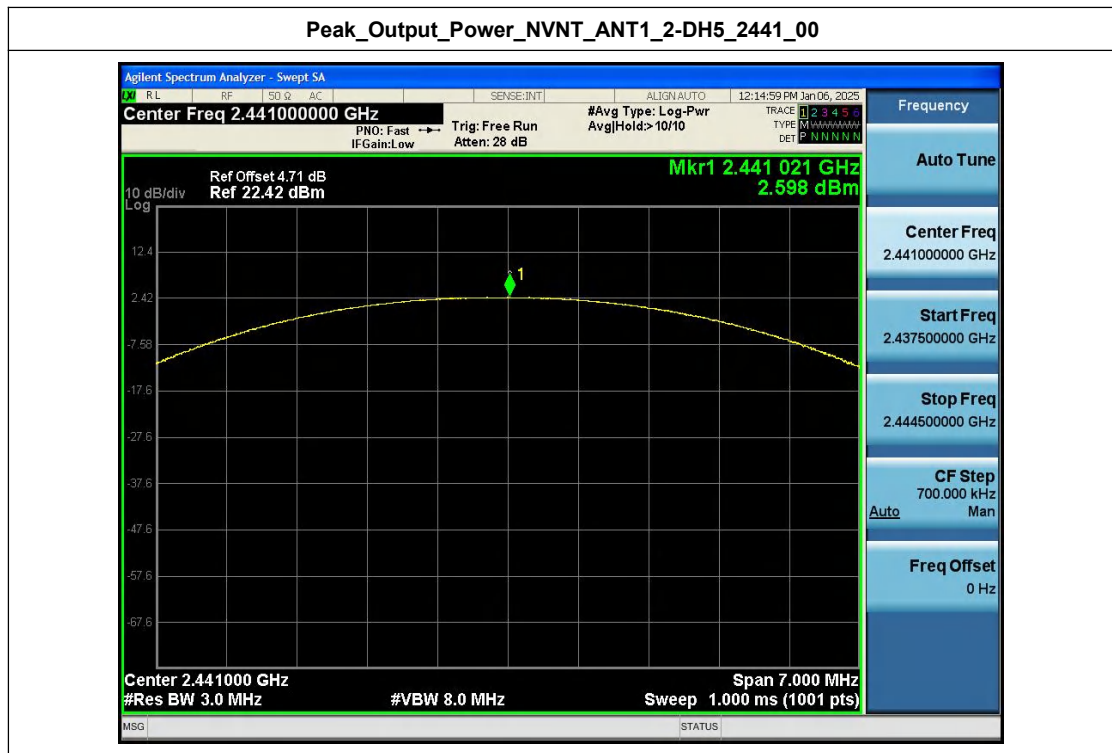
Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00



Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00



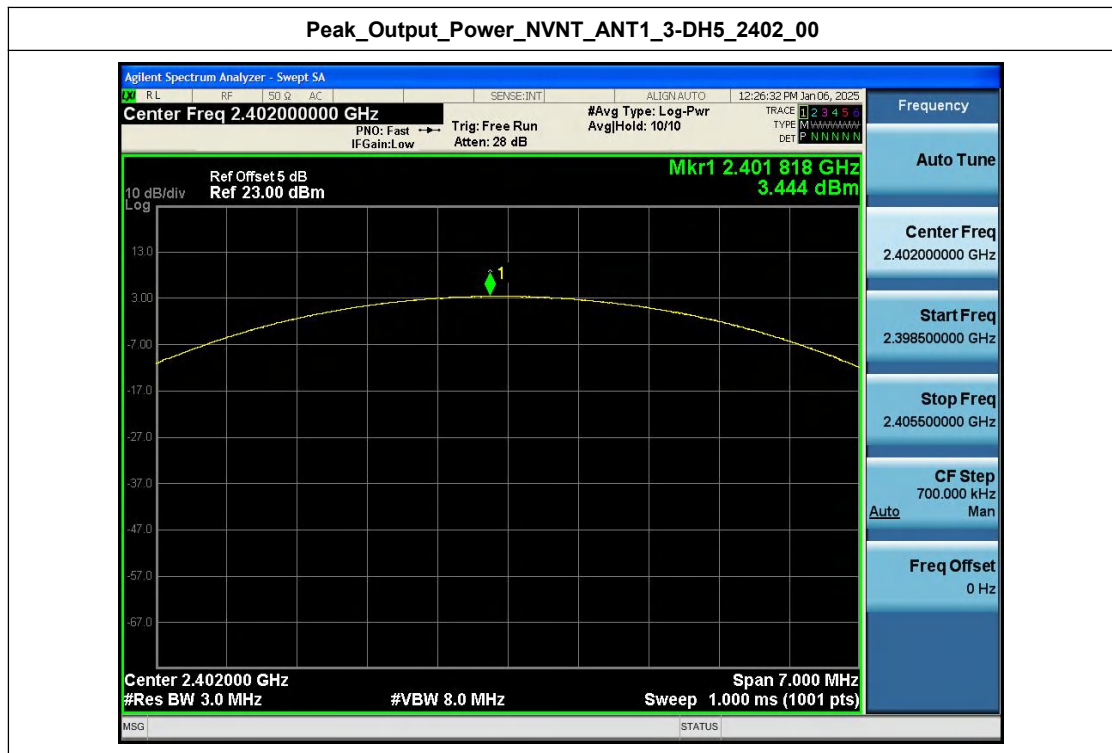
Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00



Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00



Peak_Output_Power_NVNT_ANT1_3-DH5_2402_00

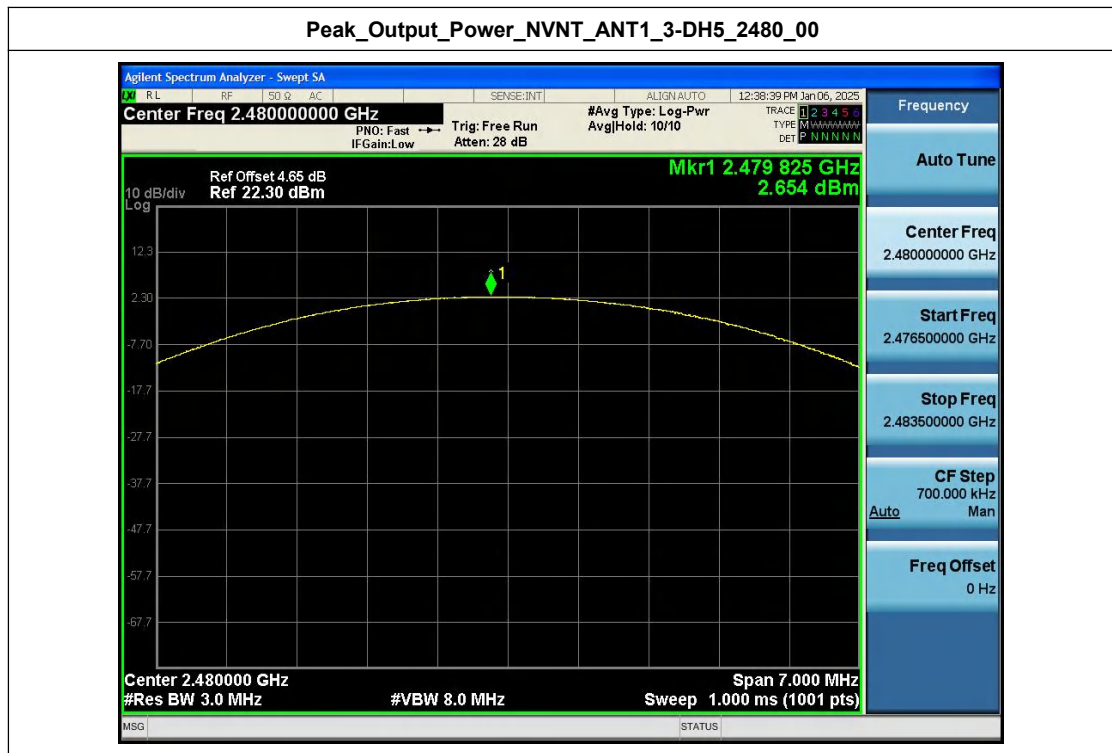


Peak_Output_Power_NVNT_ANT1_3-DH5_2441_00





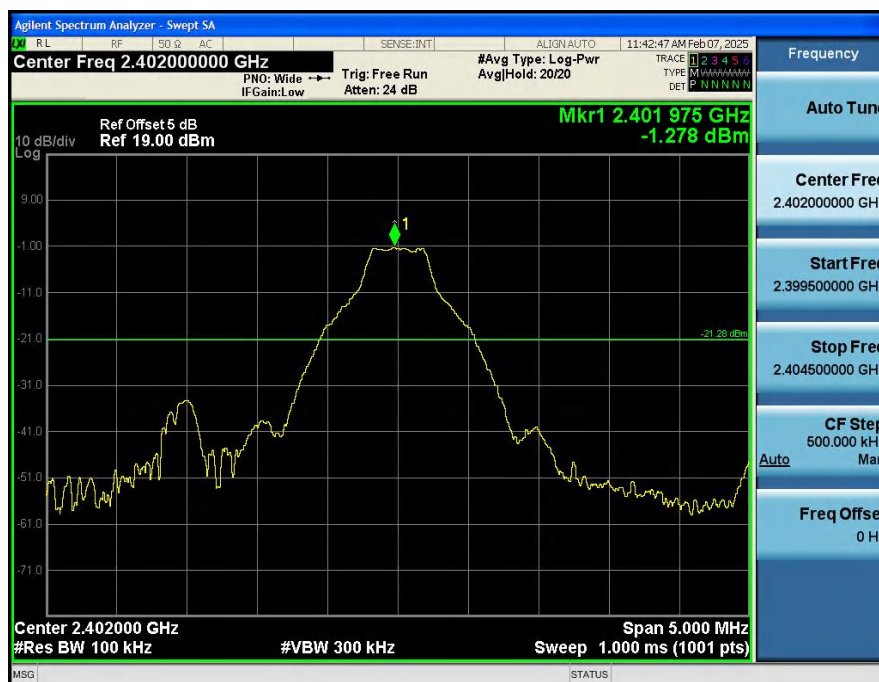
Peak_Output_Power_NVNT_ANT1_3-DH5_2480_00



Appendix E: Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-1.278	-33.013	-21.278	Pass
NVNT	ANT1	1-DH5	2441.00	1.776	-32.341	-18.224	Pass
NVNT	ANT1	1-DH5	2480.00	1.684	-44.127	-18.316	Pass
NVNT	ANT1	2-DH5	2402.00	2.315	-43.436	-17.685	Pass
NVNT	ANT1	2-DH5	2441.00	1.703	-45.049	-18.297	Pass
NVNT	ANT1	2-DH5	2480.00	1.683	-43.853	-18.317	Pass
NVNT	ANT1	3-DH5	2402.00	2.312	-43.765	-17.688	Pass
NVNT	ANT1	3-DH5	2441.00	1.704	-44.947	-18.296	Pass
NVNT	ANT1	3-DH5	2480.00	1.610	-37.597	-18.390	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00



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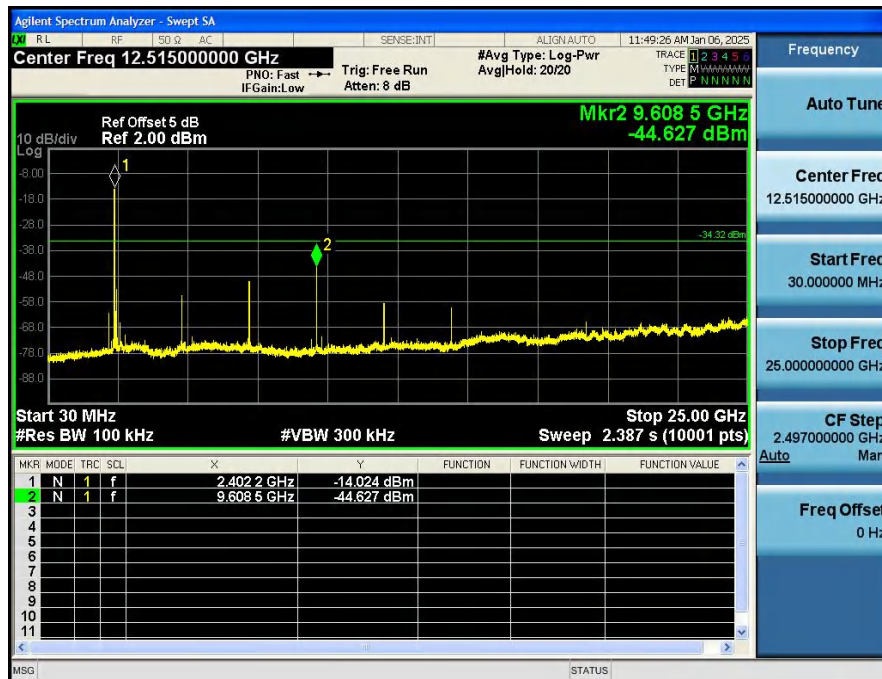
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com



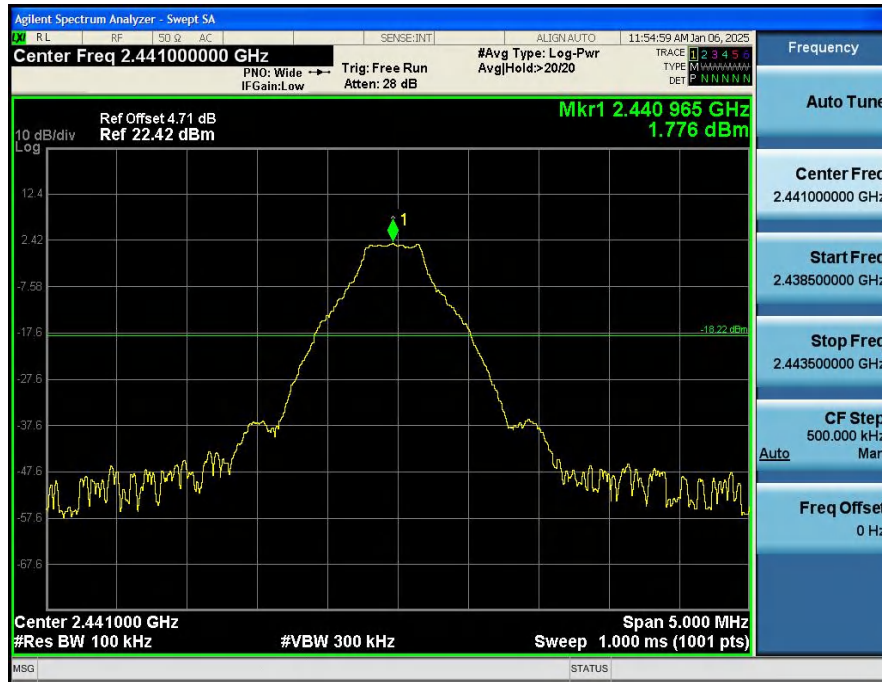
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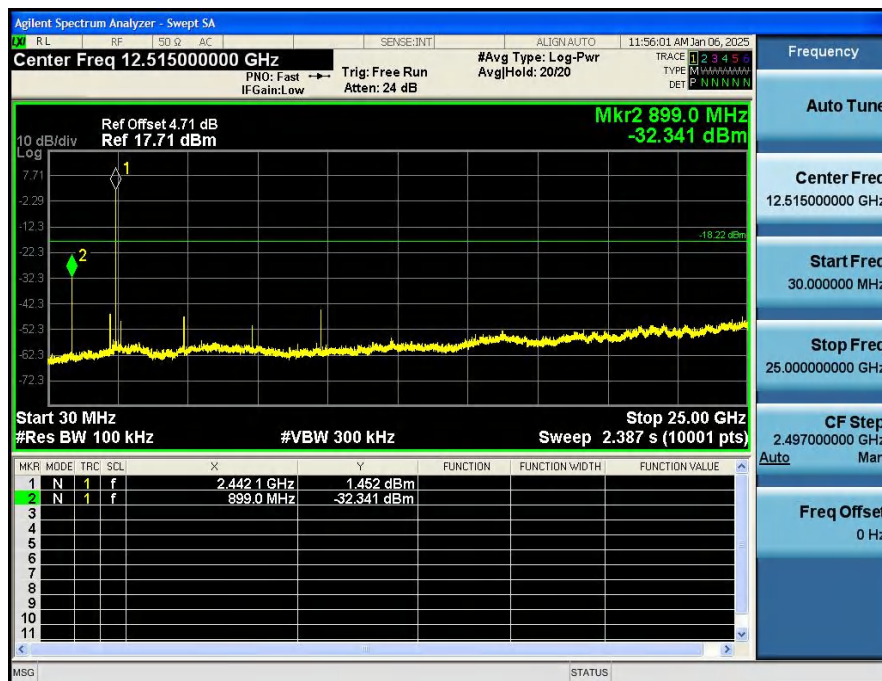
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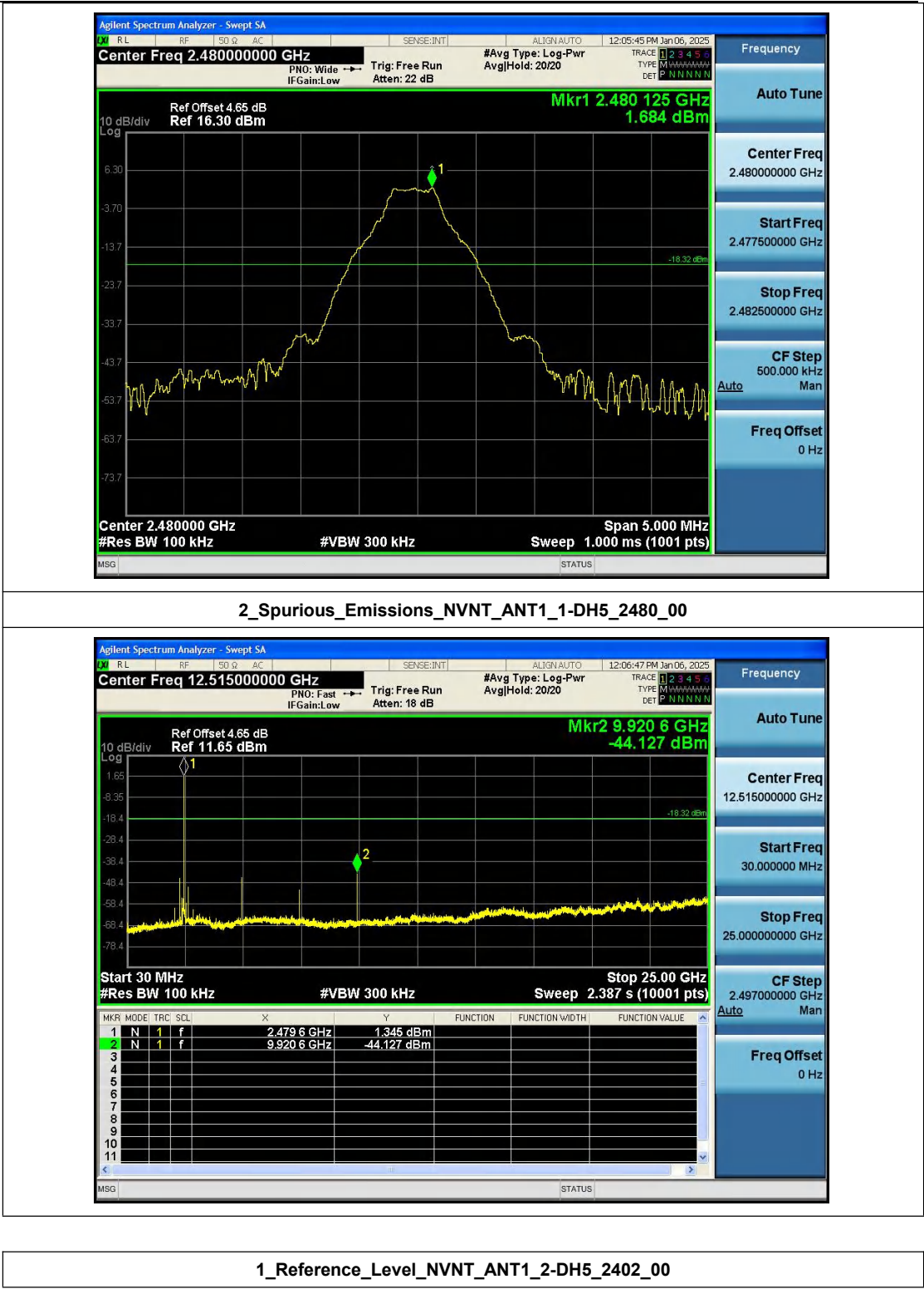
1_Reference_Level_NVNT_ANT1_1-DH5_2441_00



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00

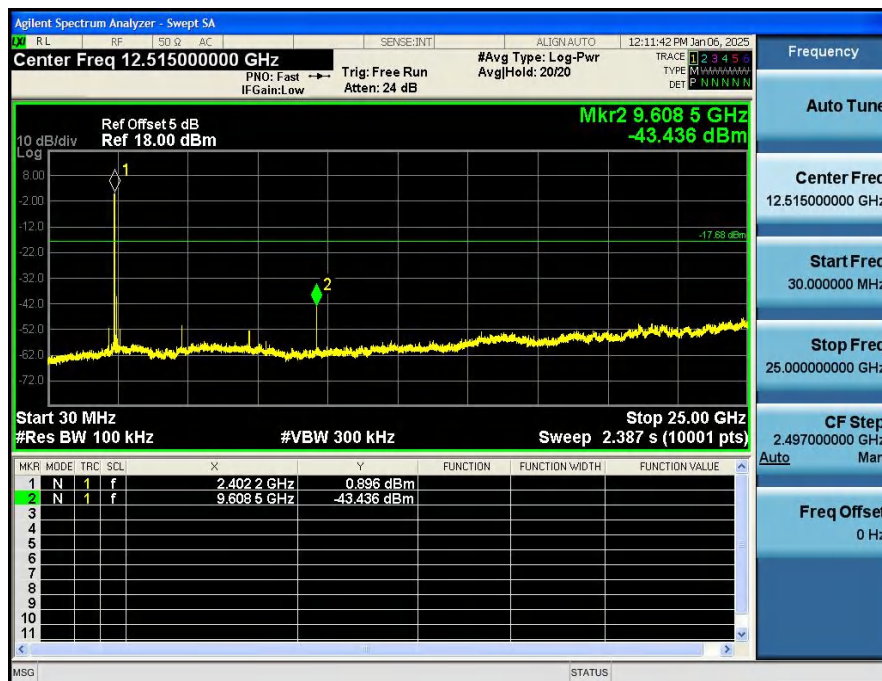


1_Reference_Level_NVNT_ANT1_1-DH5_2480_00





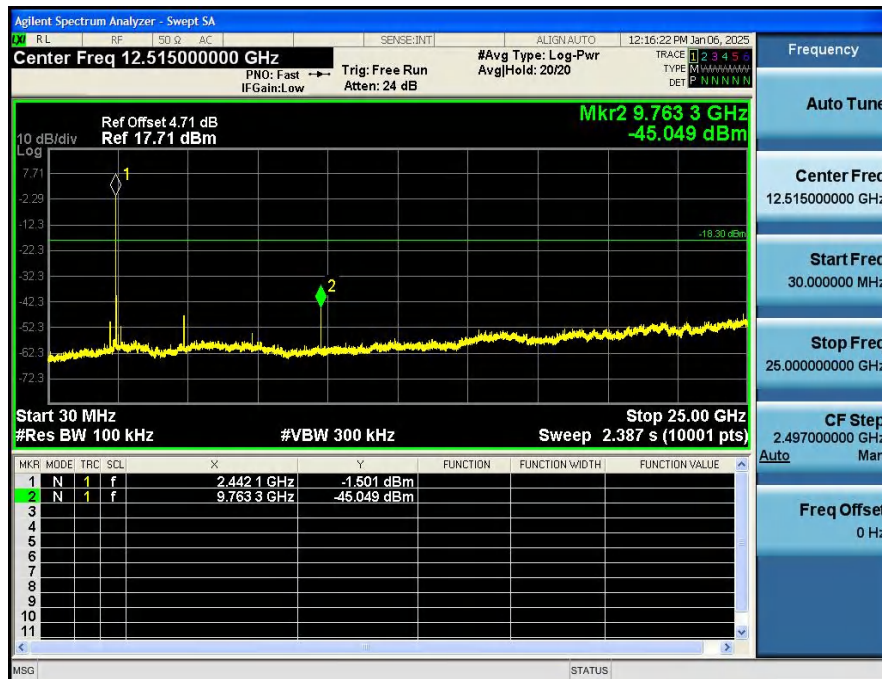
2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



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

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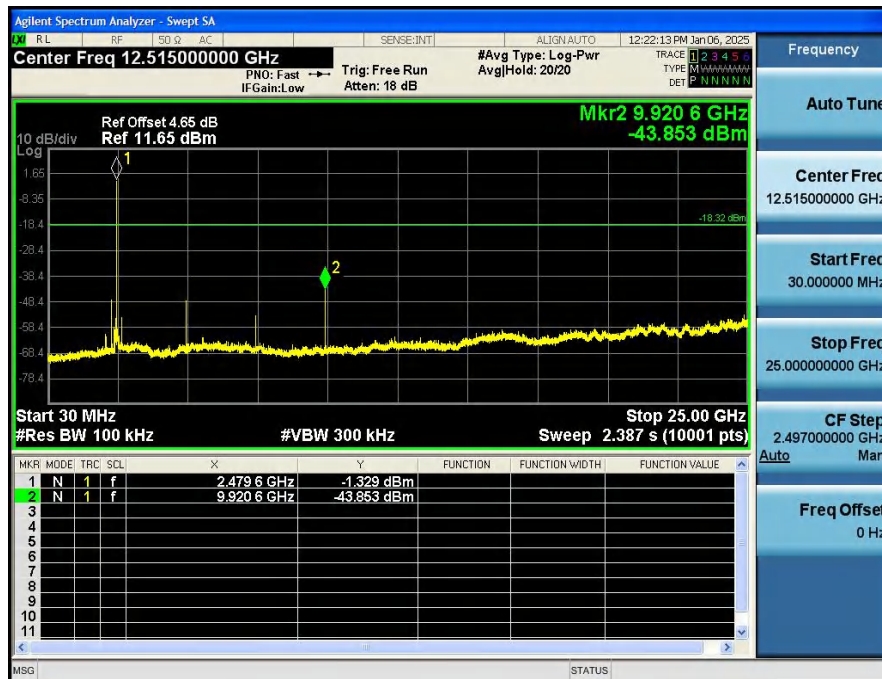
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2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00

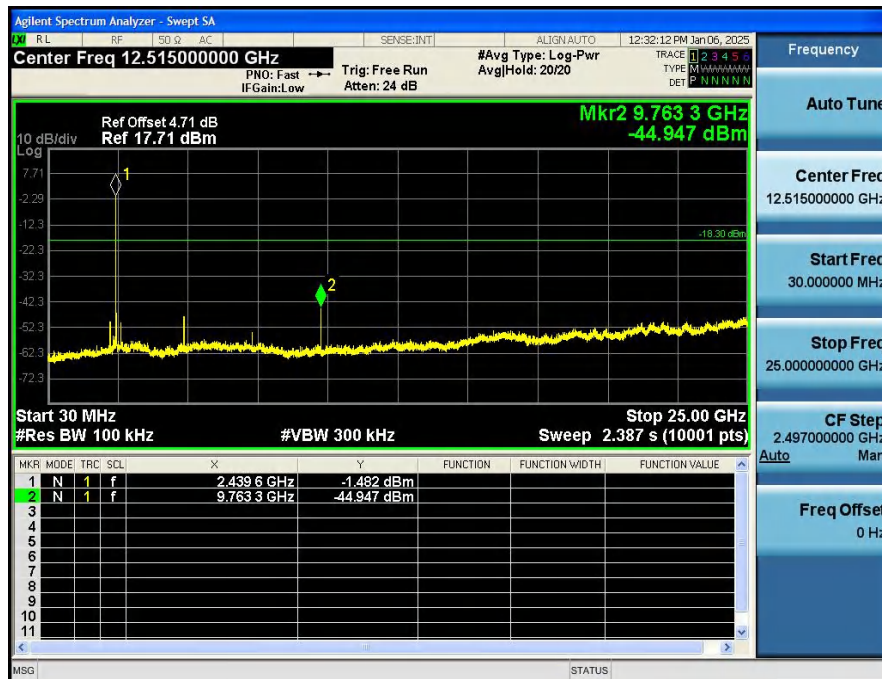


1_Reference_Level_NVNT_ANT1_3-DH5_2402_00





2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00



1_Reference_Level_NVNT_ANT1_3-DH5_2480_00