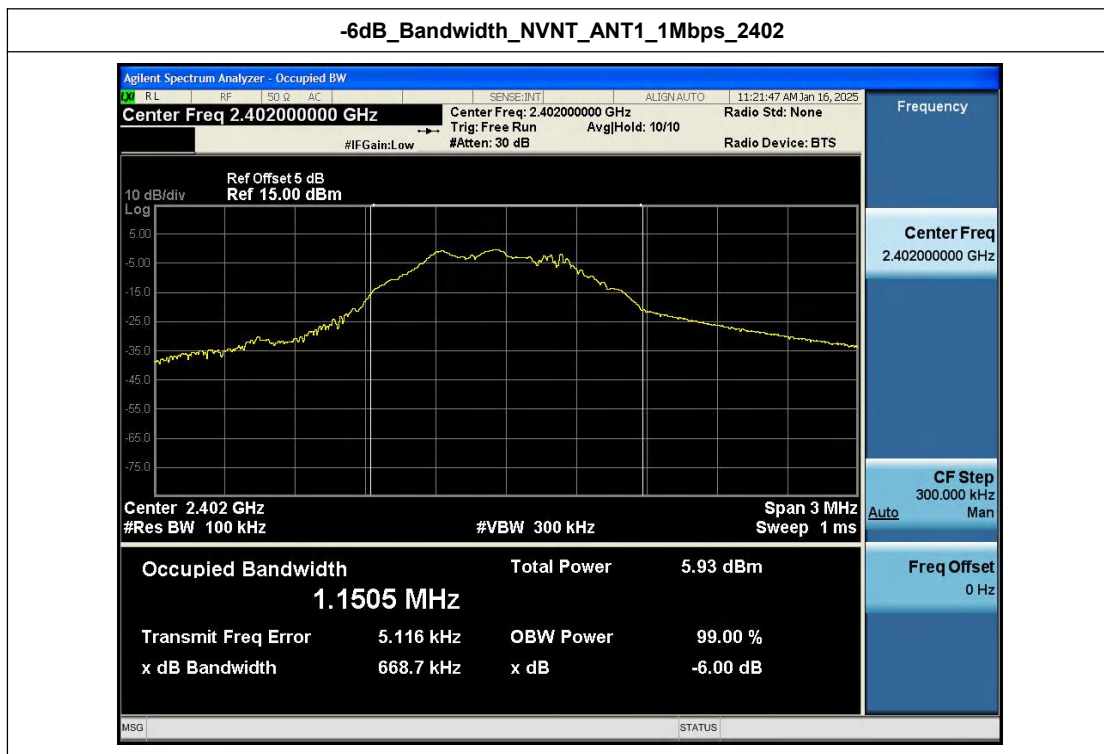


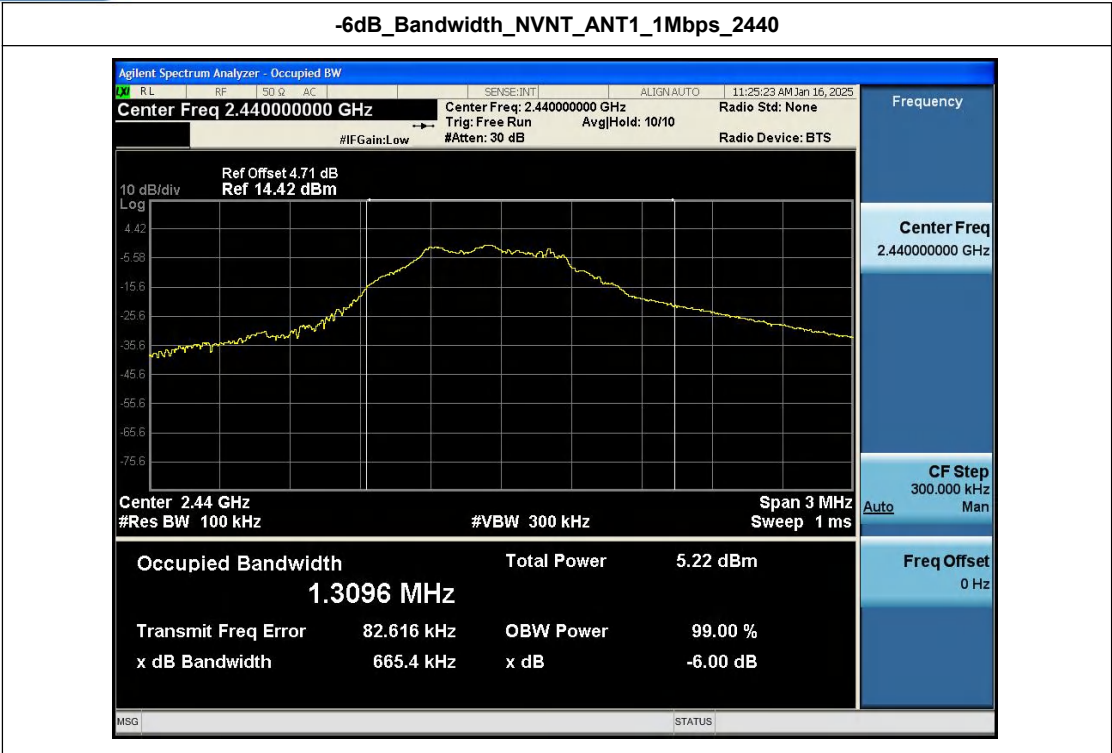
Appendix Test Data

Report No.:	1818C50007212501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.15	Finish Test Date:	2025.1.16
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.5°C	Relative Humidity:	52%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	668.69	500	Pass
NVNT	ANT1	1Mbps	2440.00	665.39	500	Pass
NVNT	ANT1	1Mbps	2480.00	661.11	500	Pass
NVNT	ANT1	2Mbps	2402.00	1174.28	500	Pass
NVNT	ANT1	2Mbps	2440.00	1185.96	500	Pass
NVNT	ANT1	2Mbps	2480.00	1001.92	500	Pass





Frequency

Center Freq

2.440000000 GHz

CF Step

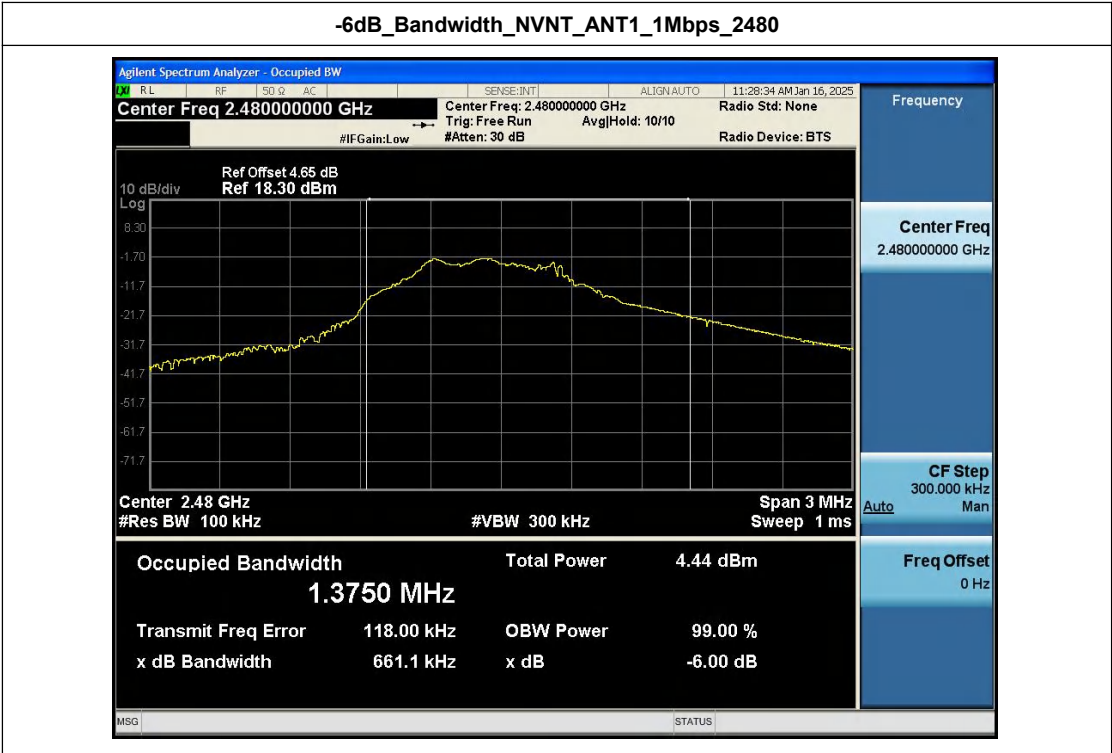
300.000 kHz

Auto

Man

Freq Offset

0 Hz



Frequency

Center Freq

2.480000000 GHz

CF Step

300.000 kHz

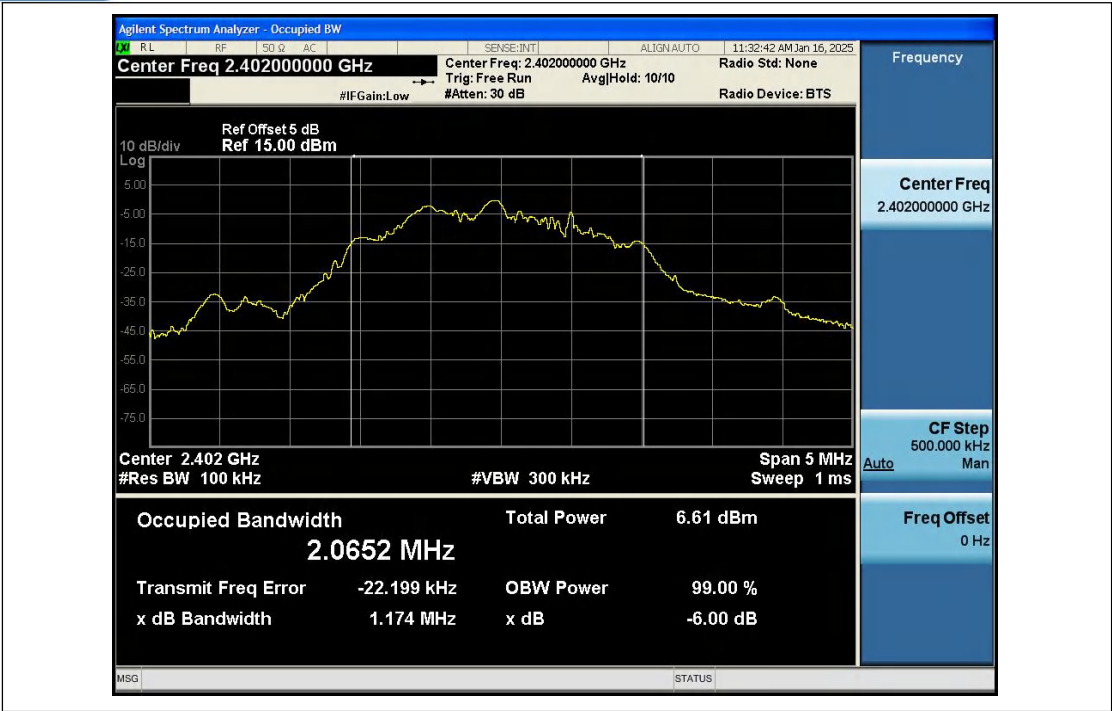
Auto

Man

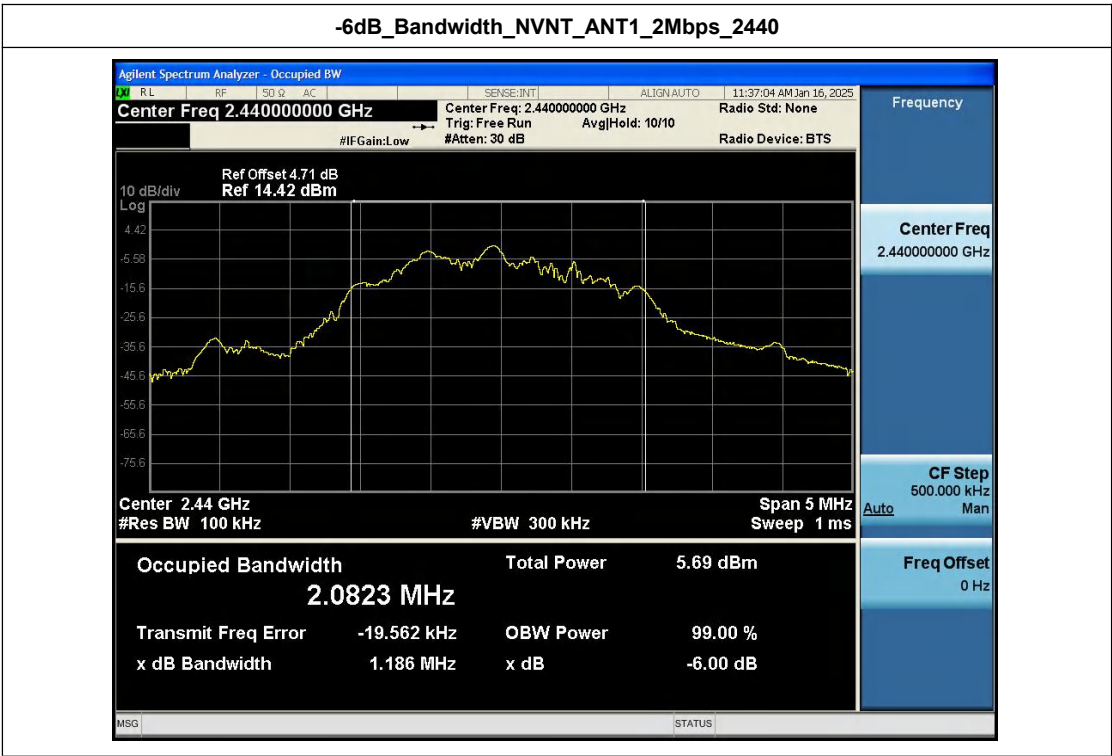
Freq Offset

0 Hz

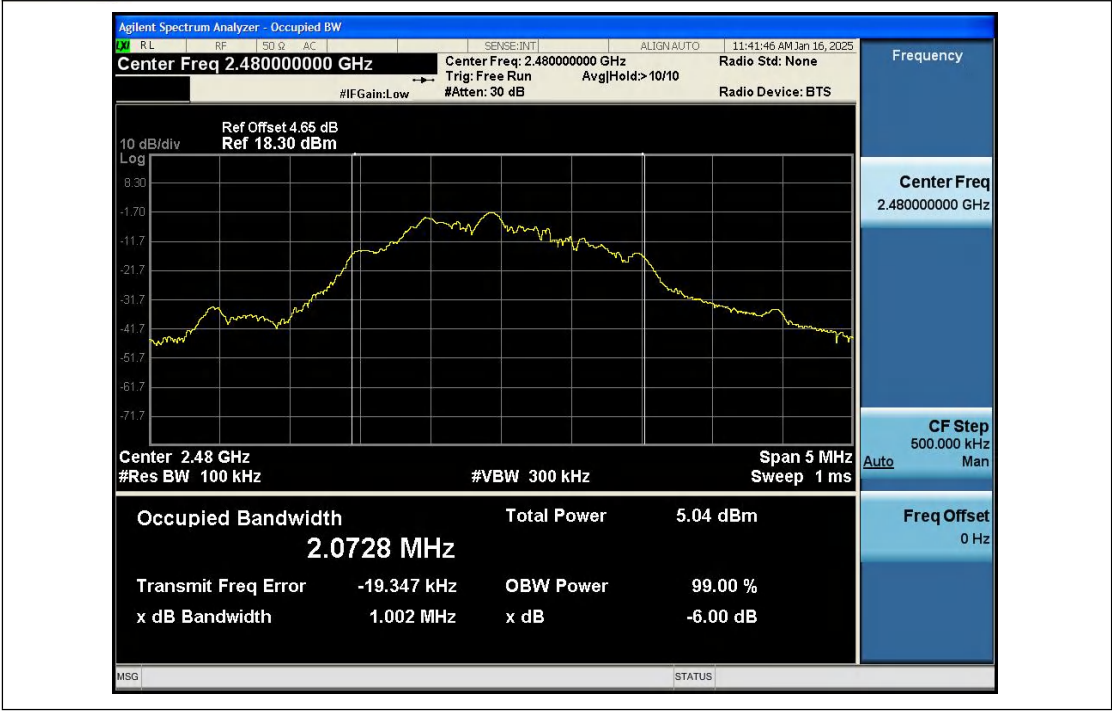
-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480



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

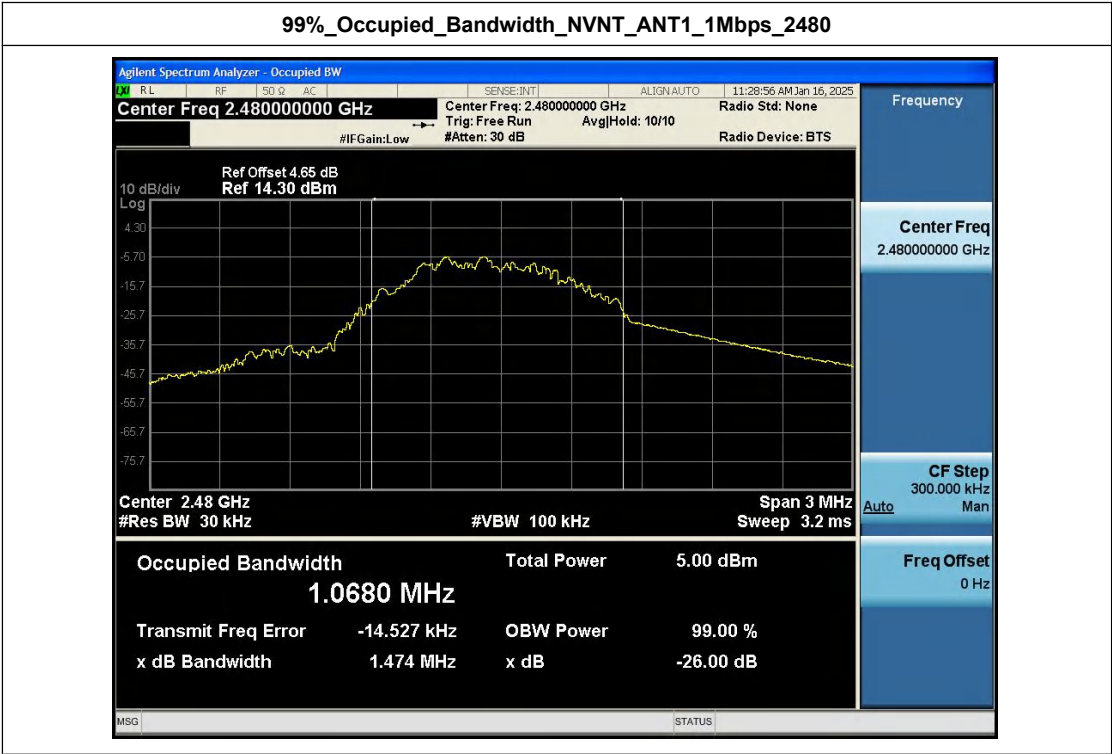
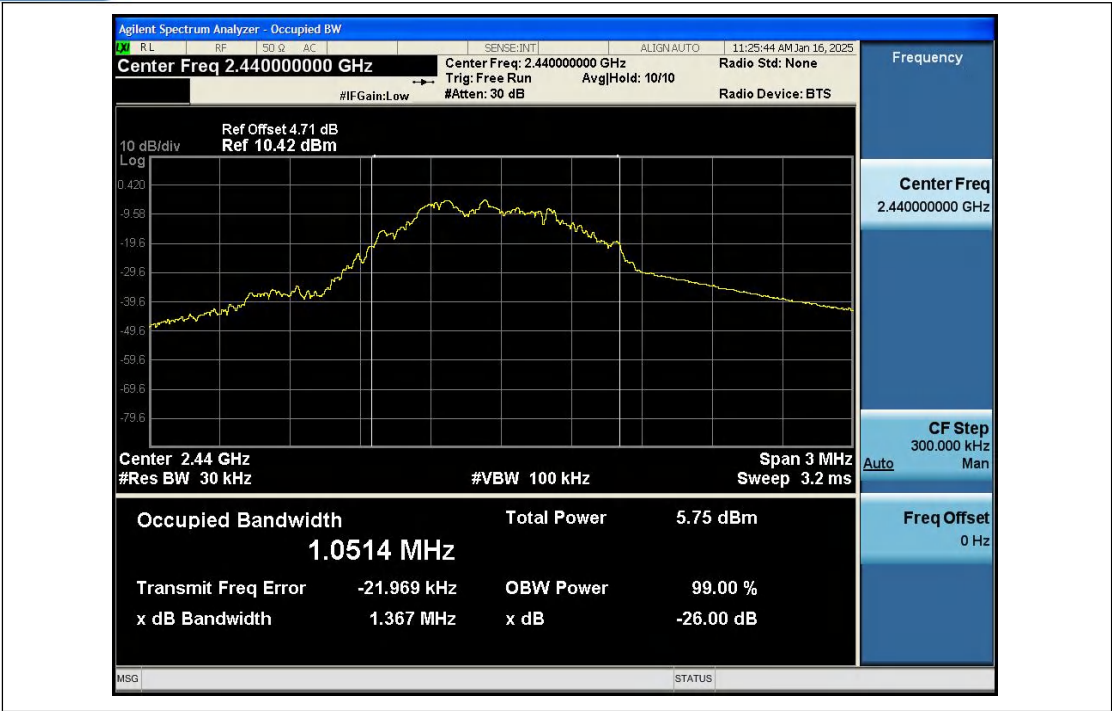
Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.033
NVNT	ANT1	1Mbps	2440.00	1.051
NVNT	ANT1	1Mbps	2480.00	1.068
NVNT	ANT1	2Mbps	2402.00	2.027
NVNT	ANT1	2Mbps	2440.00	2.036
NVNT	ANT1	2Mbps	2480.00	2.027

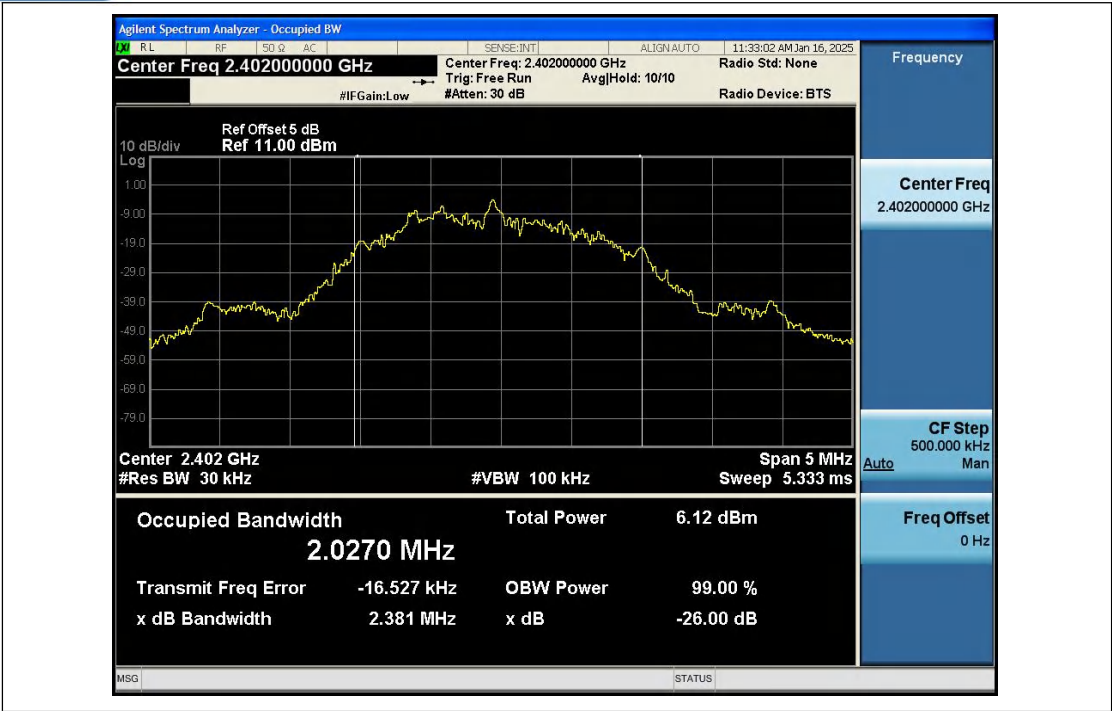
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402



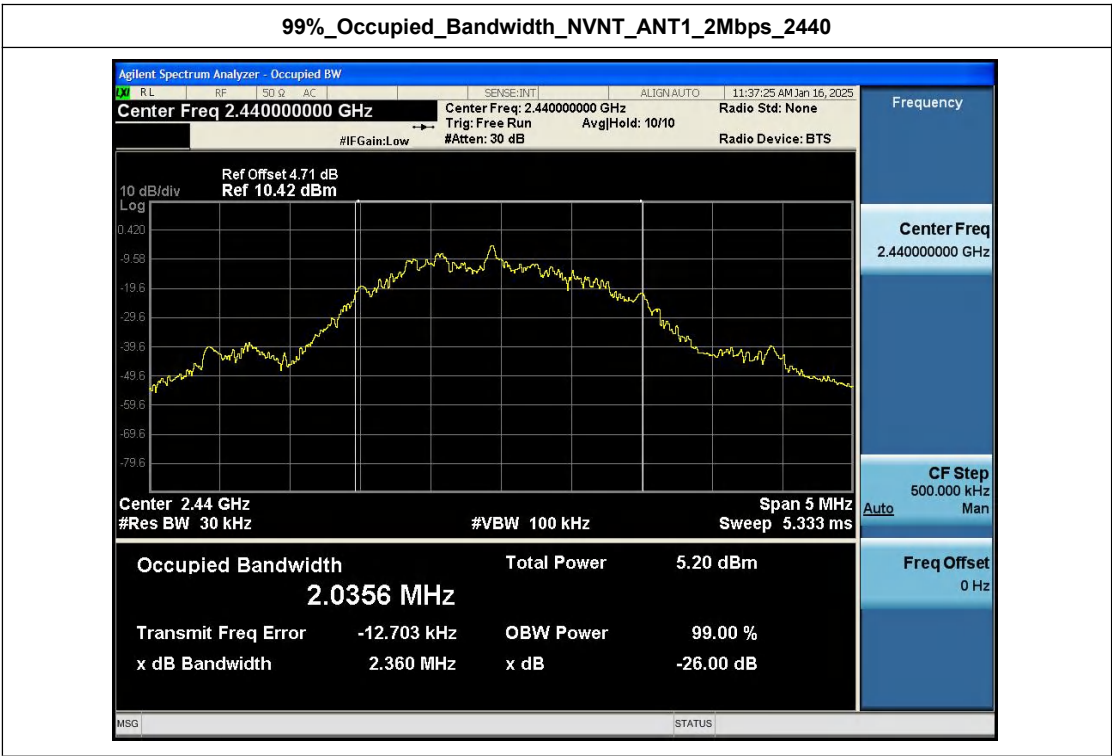
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440



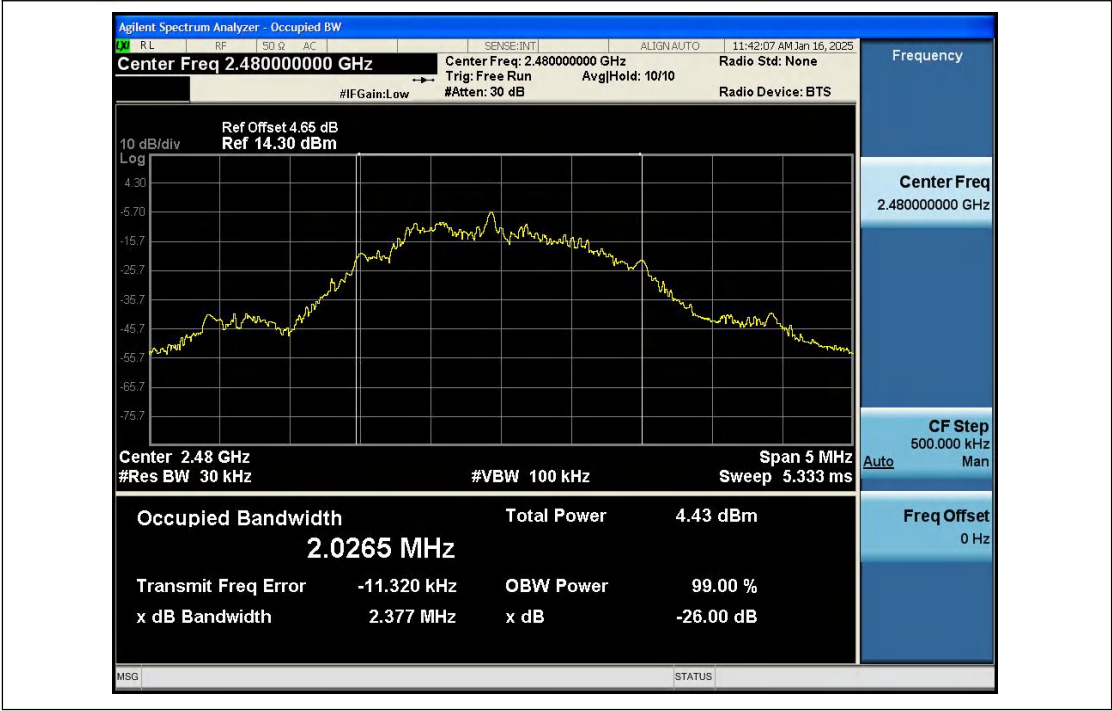
99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2402



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480



Shenzhen Anbotek Compliance Laboratory Limited

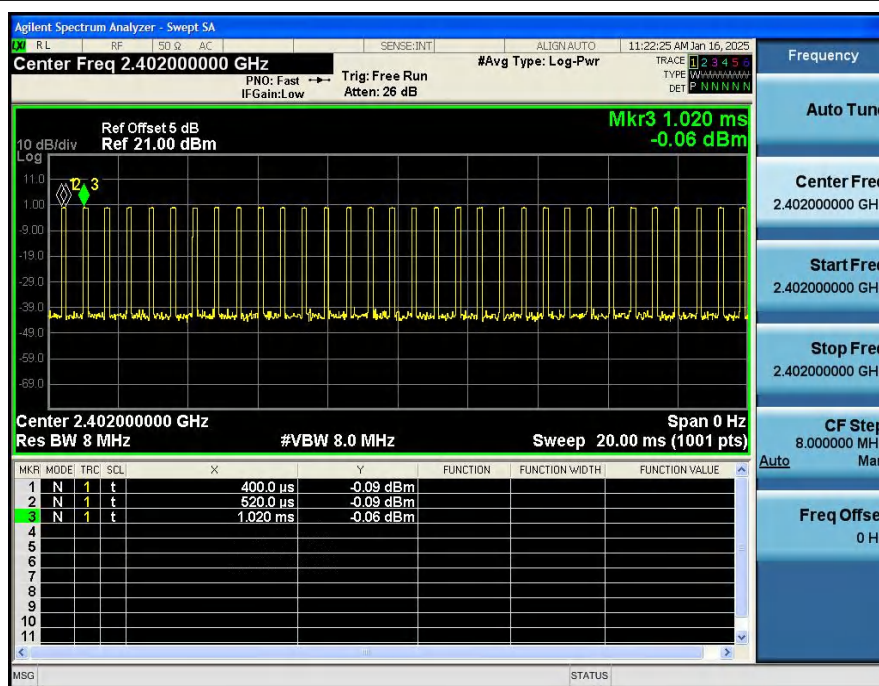
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

Hotline
400-003-0500
www.anbotek.com

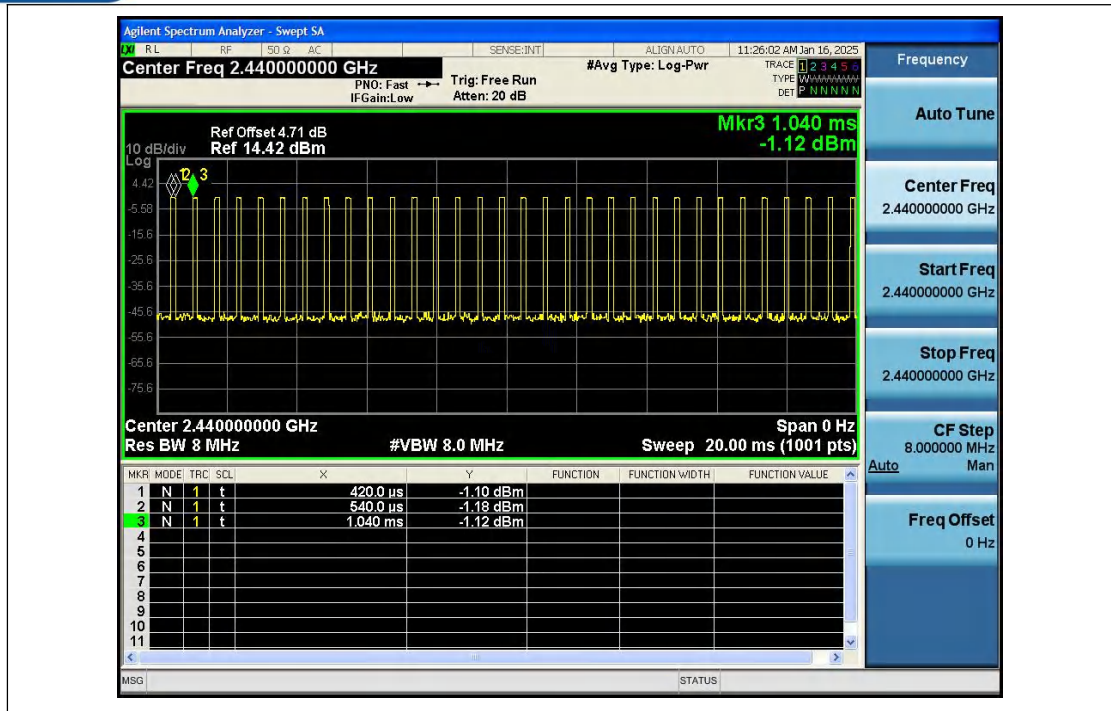
Appendix C: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	19.35	7.13
NVNT	ANT1	1Mbps	2440.00	19.35	7.13
NVNT	ANT1	1Mbps	2480.00	19.35	7.13
NVNT	ANT1	2Mbps	2402.00	12.90	8.89
NVNT	ANT1	2Mbps	2440.00	12.90	8.89
NVNT	ANT1	2Mbps	2480.00	12.90	8.89

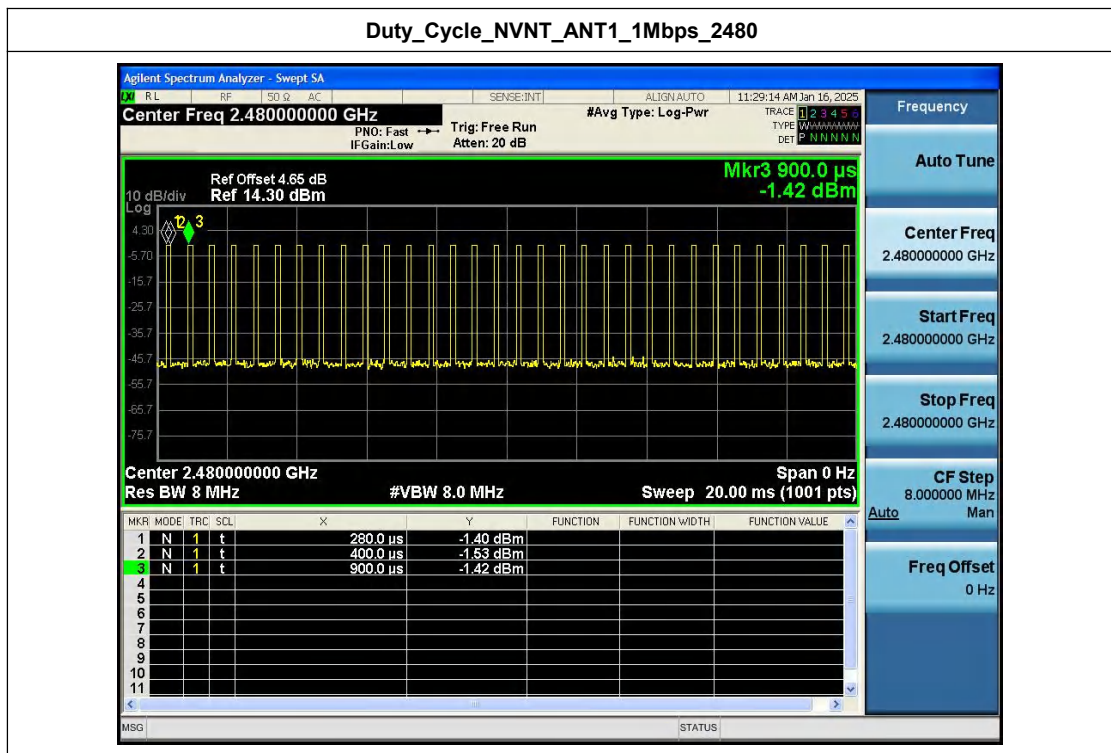
Duty_Cycle_NVNT_ANT1_1Mbps_2402



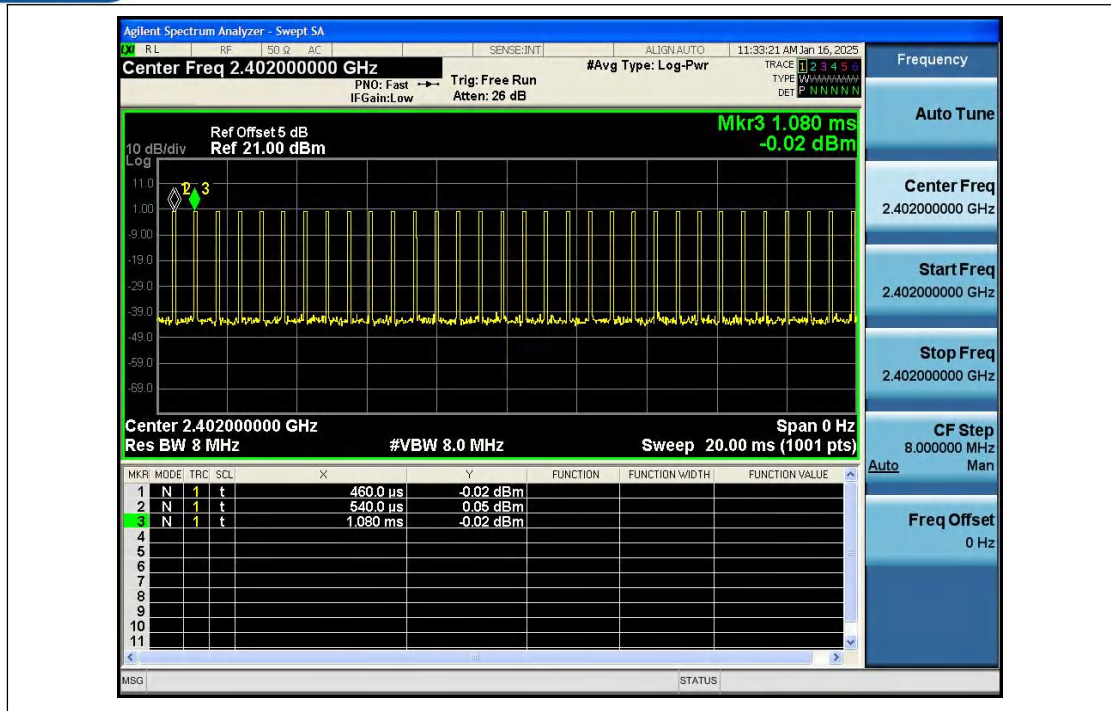
Duty_Cycle_NVNT_ANT1_1Mbps_2440



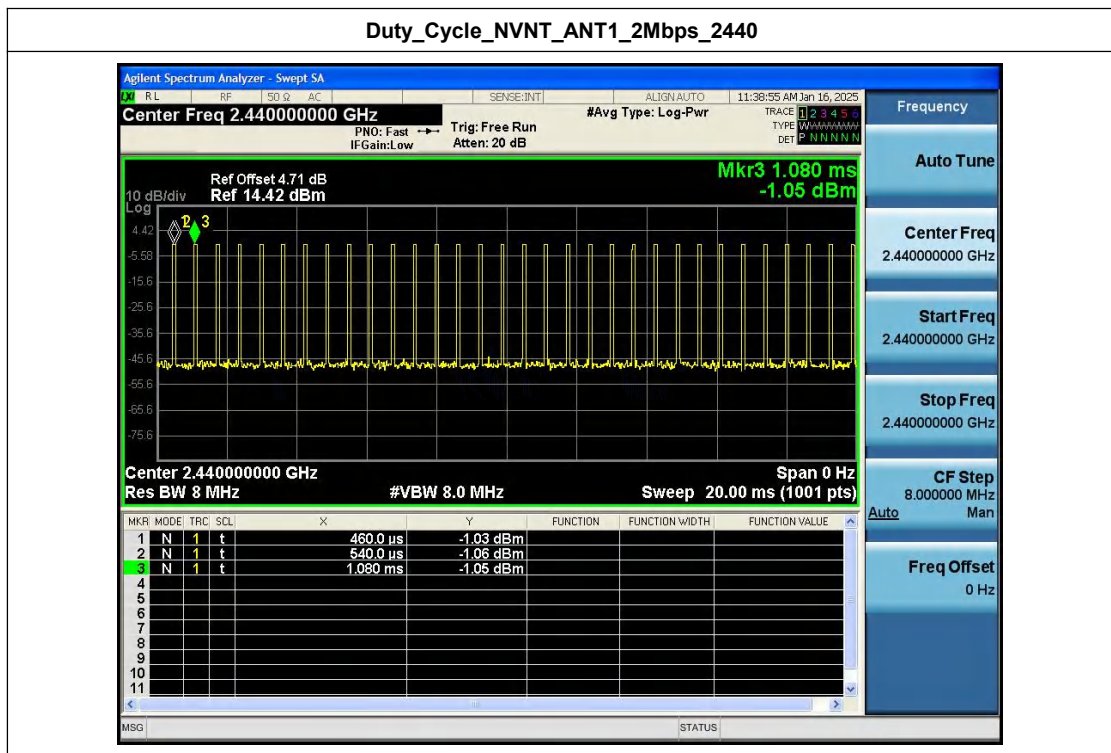
Duty_Cycle_NVNT_ANT1_1Mbps_2480



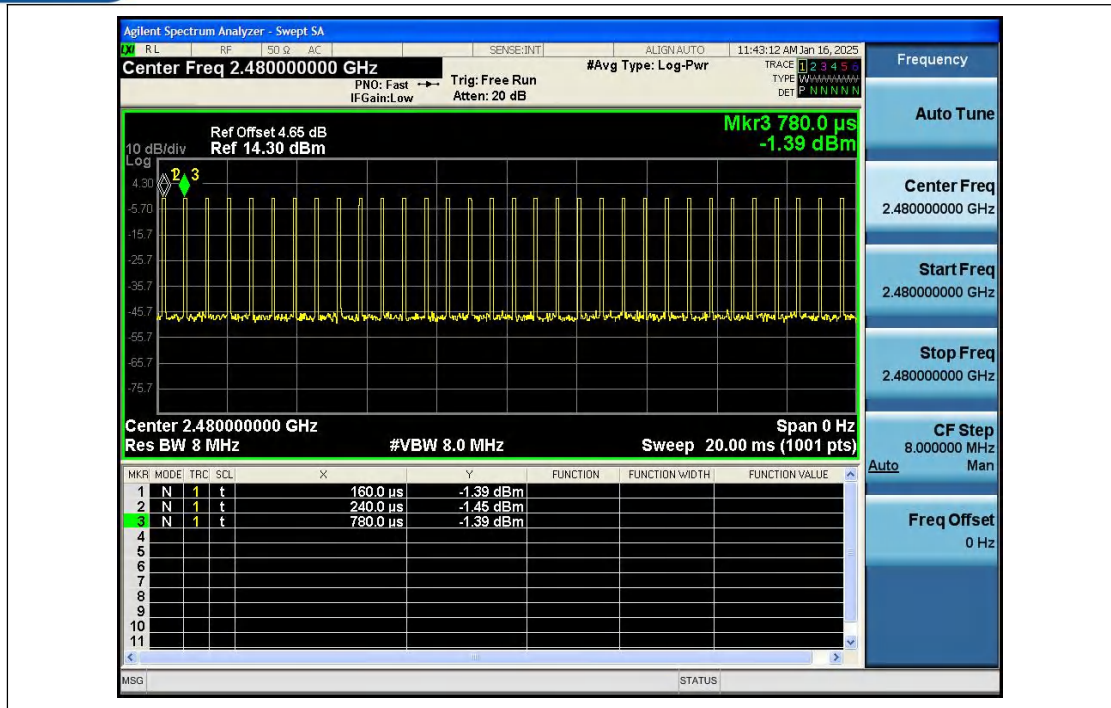
Duty_Cycle_NVNT_ANT1_2Mbps_2402



Duty_Cycle_NVNT_ANT1_2Mbps_2440



Duty_Cycle_NVNT_ANT1_2Mbps_2480



Shenzhen Anbotech 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@anbotech.com



Hotline
400-003-0500
www.anbotech.com

Appendix D: Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.14	0.97	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.14	0.77	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.46	0.71	1000	Pass
NVNT	ANT1	2Mbps	2402.00	-0.07	0.98	1000	Pass
NVNT	ANT1	2Mbps	2440.00	-1.09	0.78	1000	Pass
NVNT	ANT1	2Mbps	2480.00	-1.41	0.72	1000	Pass

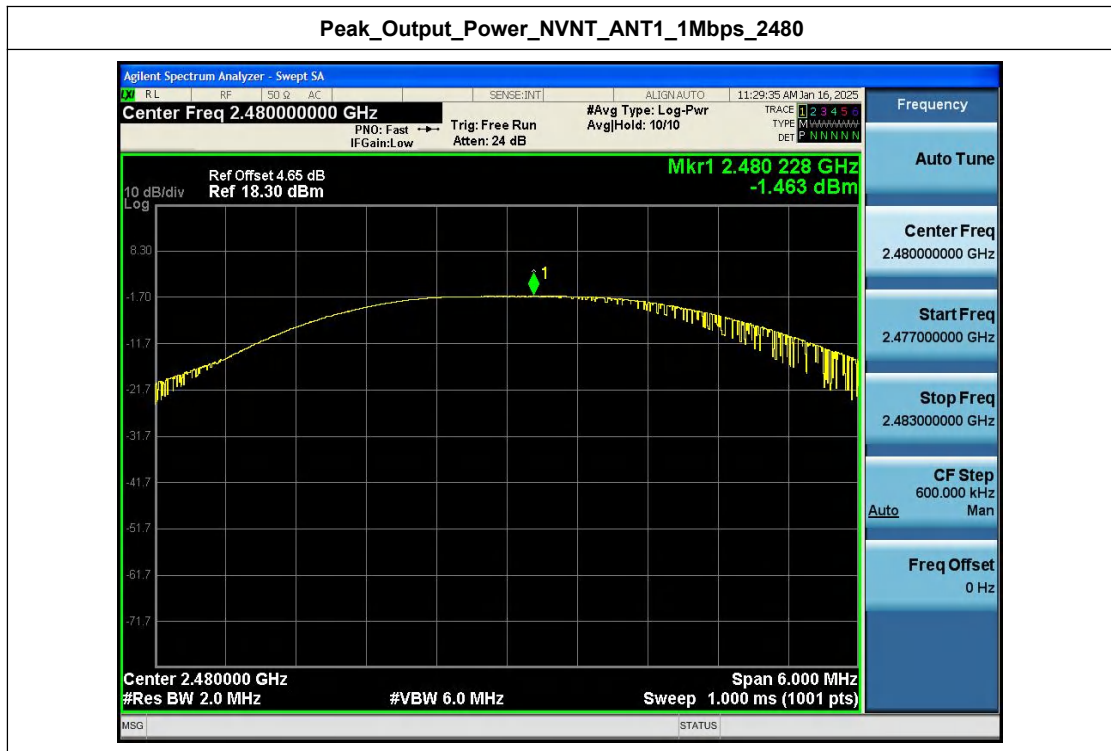
Peak_Output_Power_NVNT_ANT1_1Mbps_2402



Peak_Output_Power_NVNT_ANT1_1Mbps_2440



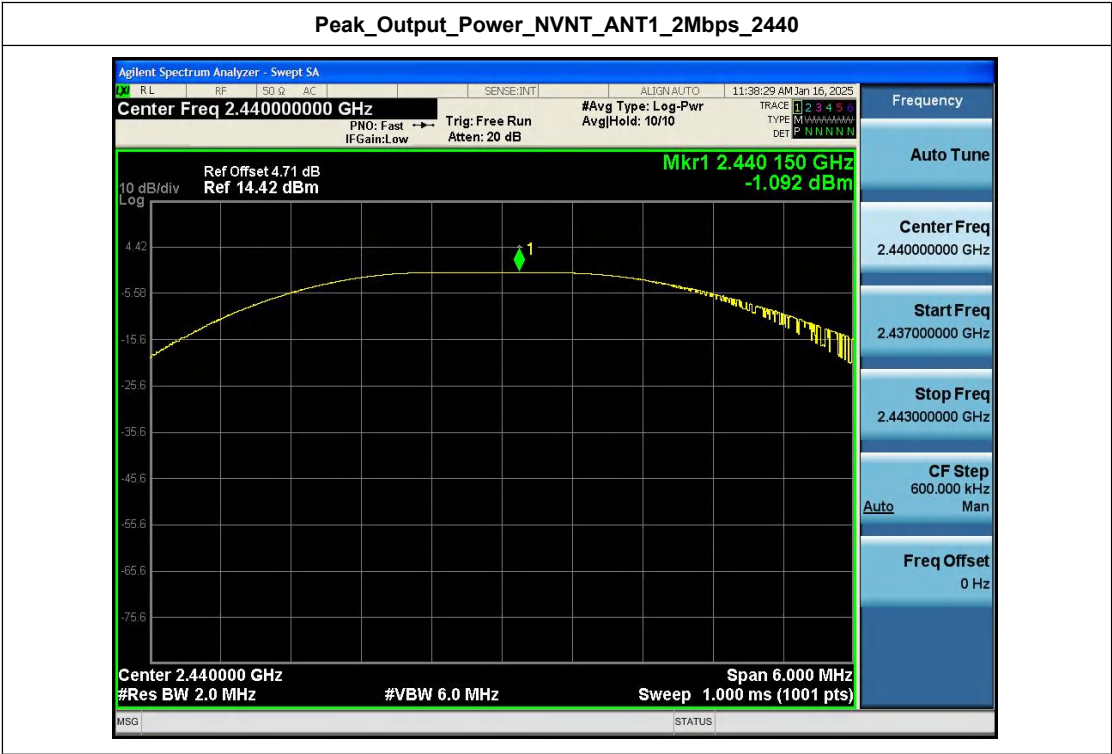
Peak_Output_Power_NVNT_ANT1_1Mbps_2480



Peak_Output_Power_NVNT_ANT1_2Mbps_2402



Peak_Output_Power_NVNT_ANT1_2Mbps_2440



Peak_Output_Power_NVNT_ANT1_2Mbps_2480



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

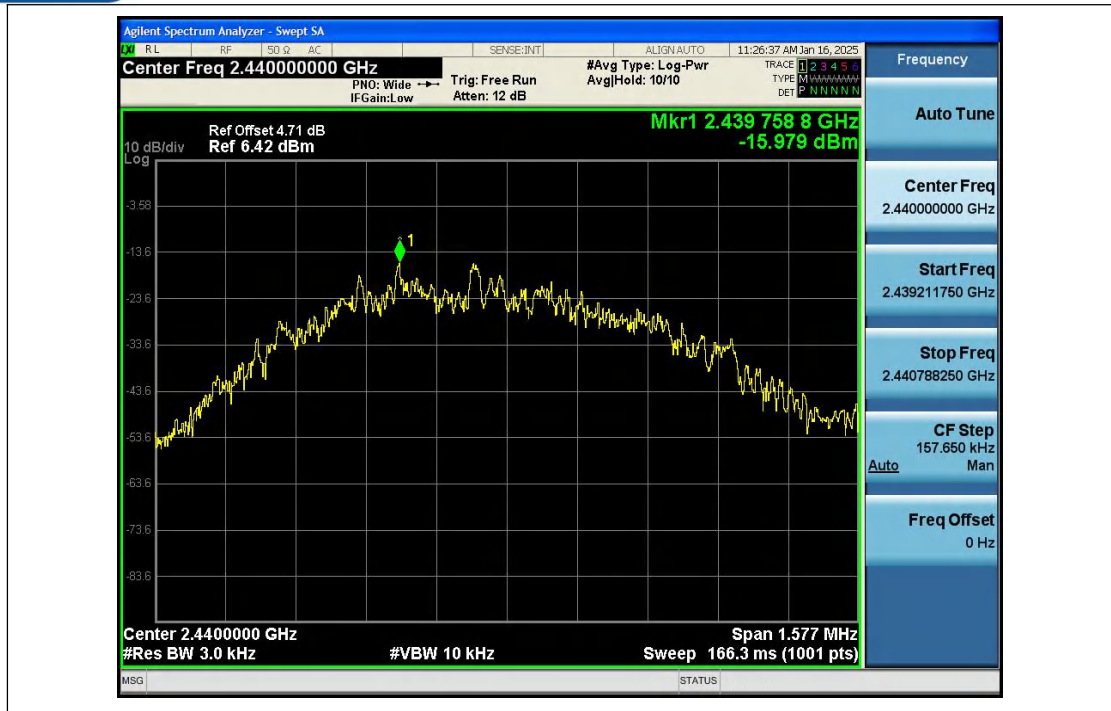
Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-15.04	8	Pass
NVNT	ANT1	1Mbps	2440.00	-15.98	8	Pass
NVNT	ANT1	1Mbps	2480.00	-17.25	8	Pass
NVNT	ANT1	2Mbps	2402.00	-18.41	8	Pass
NVNT	ANT1	2Mbps	2440.00	-18.50	8	Pass
NVNT	ANT1	2Mbps	2480.00	-19.18	8	Pass

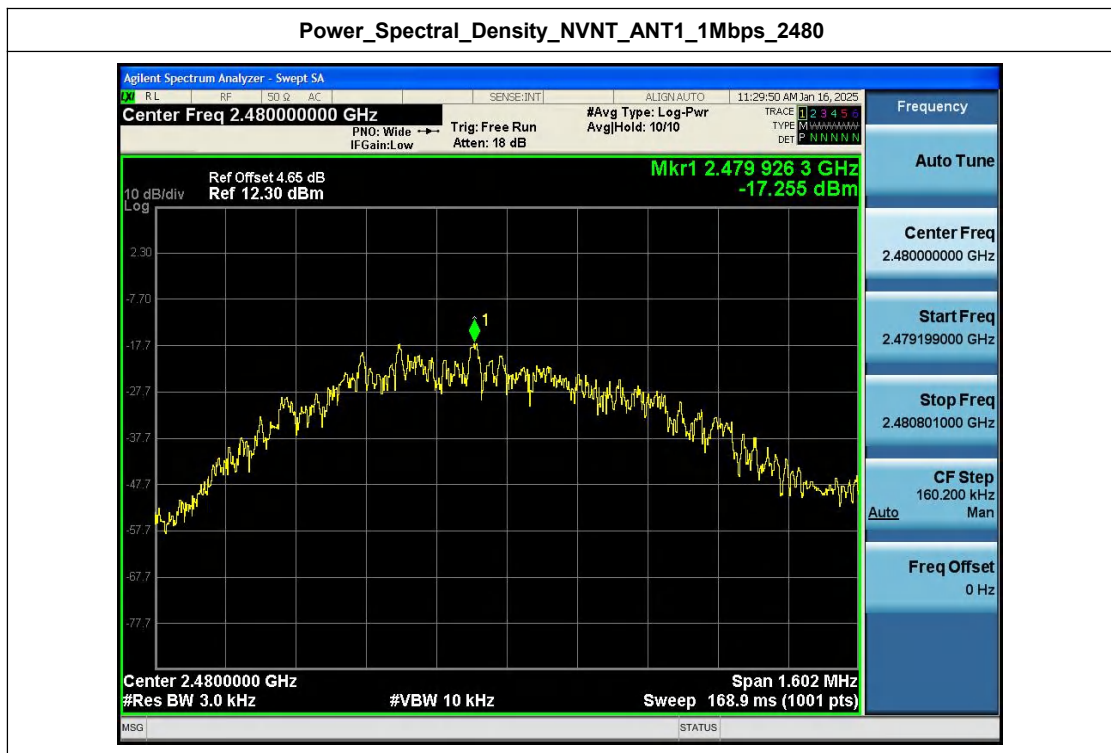
Power_Spectral_Density_NVNT_ANT1_1Mbps_2402



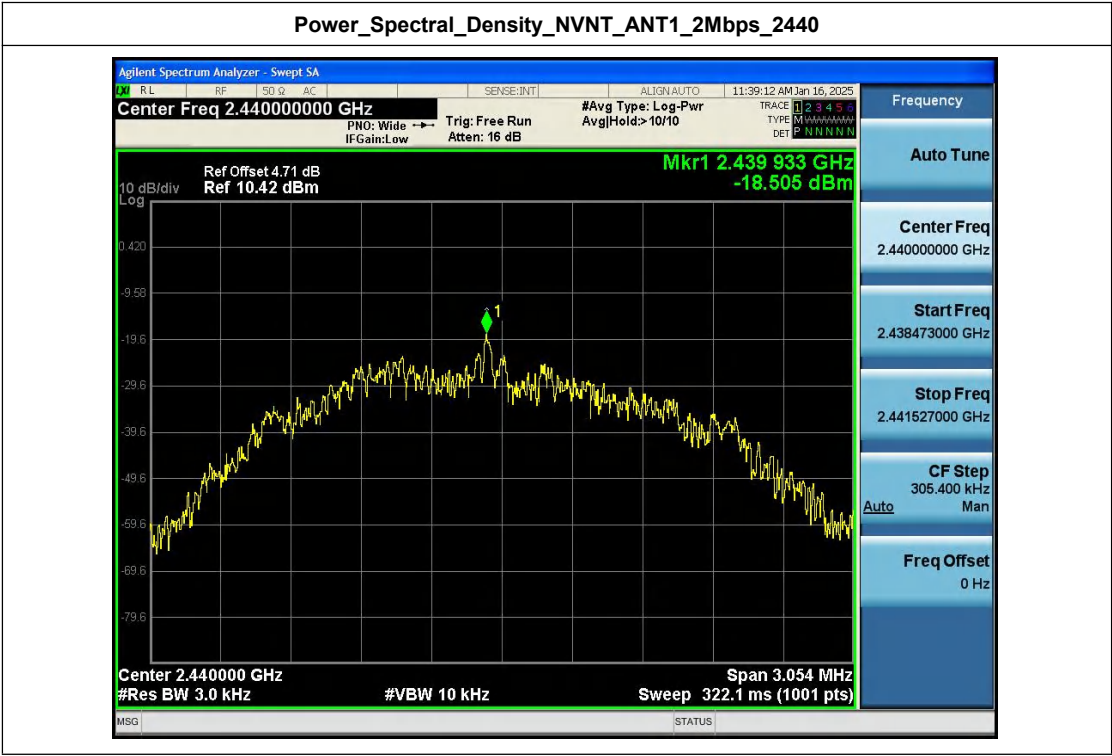
Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



Power_Spectral_Density_NVNT_ANT1_2Mbps_2402



Power_Spectral_Density_NVNT_ANT1_2Mbps_2480



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

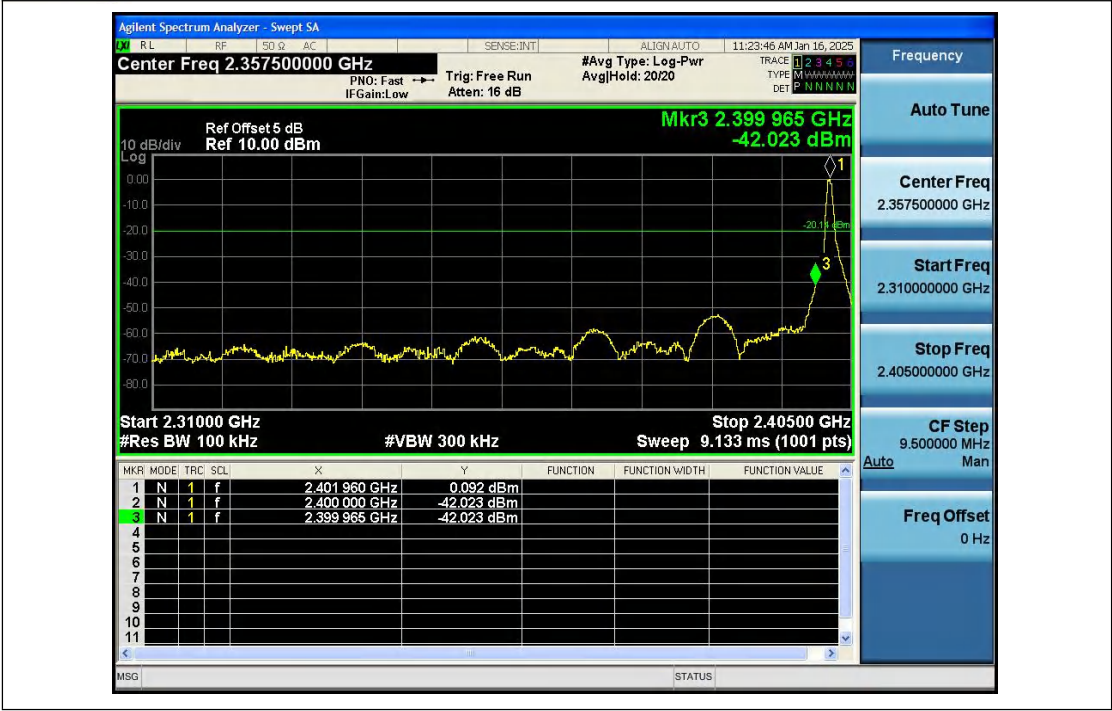
Appendix F: Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-0.141	-42.023	-20.141	Pass
NVNT	ANT1	1Mbps	2480.00	2484.575	-1.645	-54.387	-21.645	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	-0.108	-32.407	-20.108	Pass
NVNT	ANT1	2Mbps	2480.00	2485.475	-1.601	-55.068	-21.601	Pass

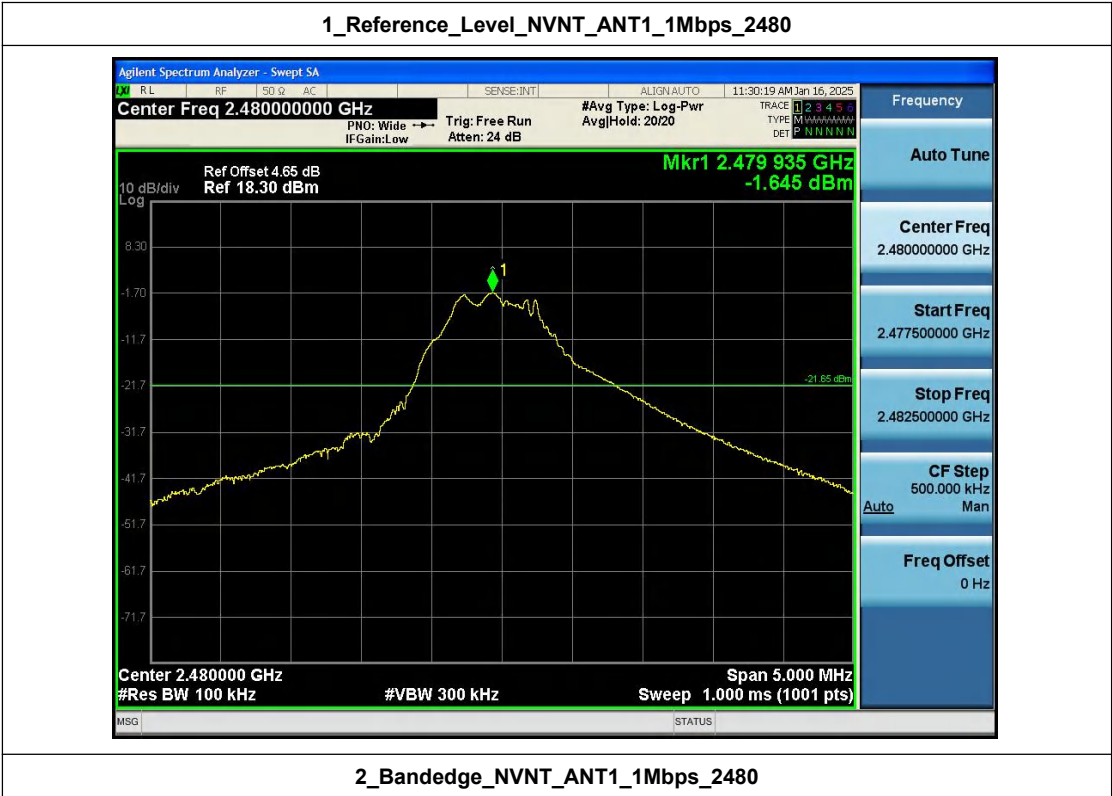
1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Bandedge_NVNT_ANT1_1Mbps_2402



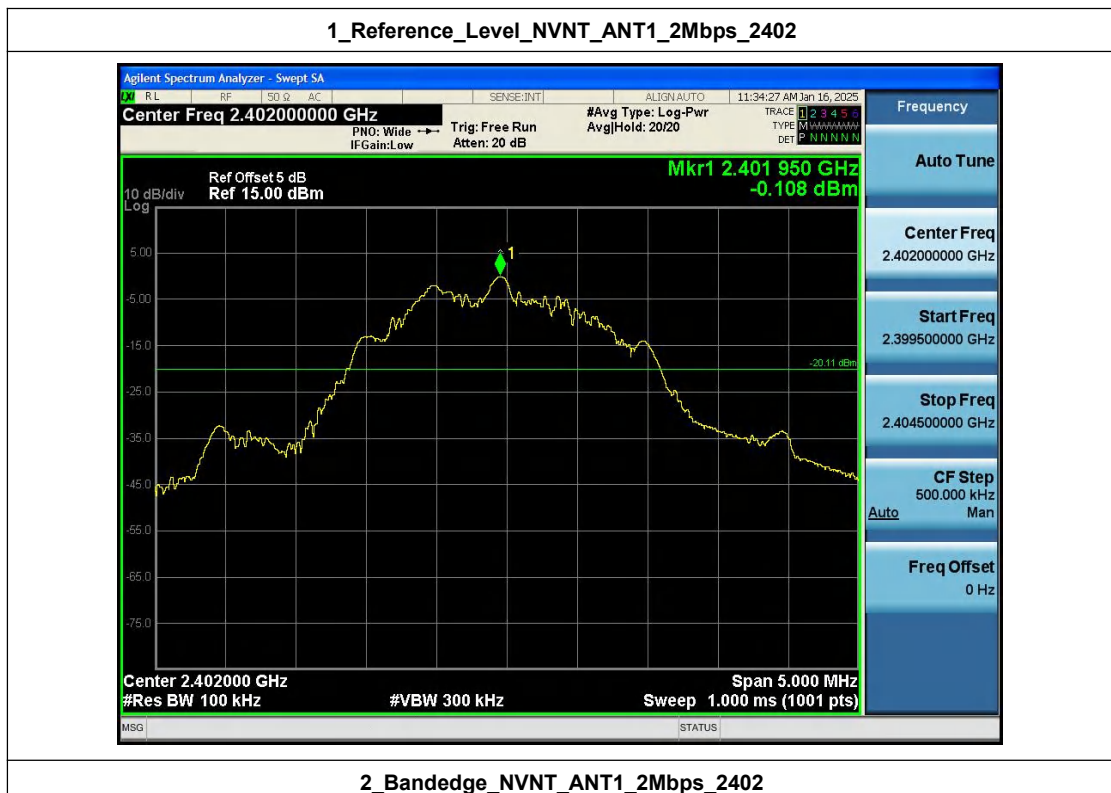
1_Reference_Level_NVNT_ANT1_1Mbps_2480



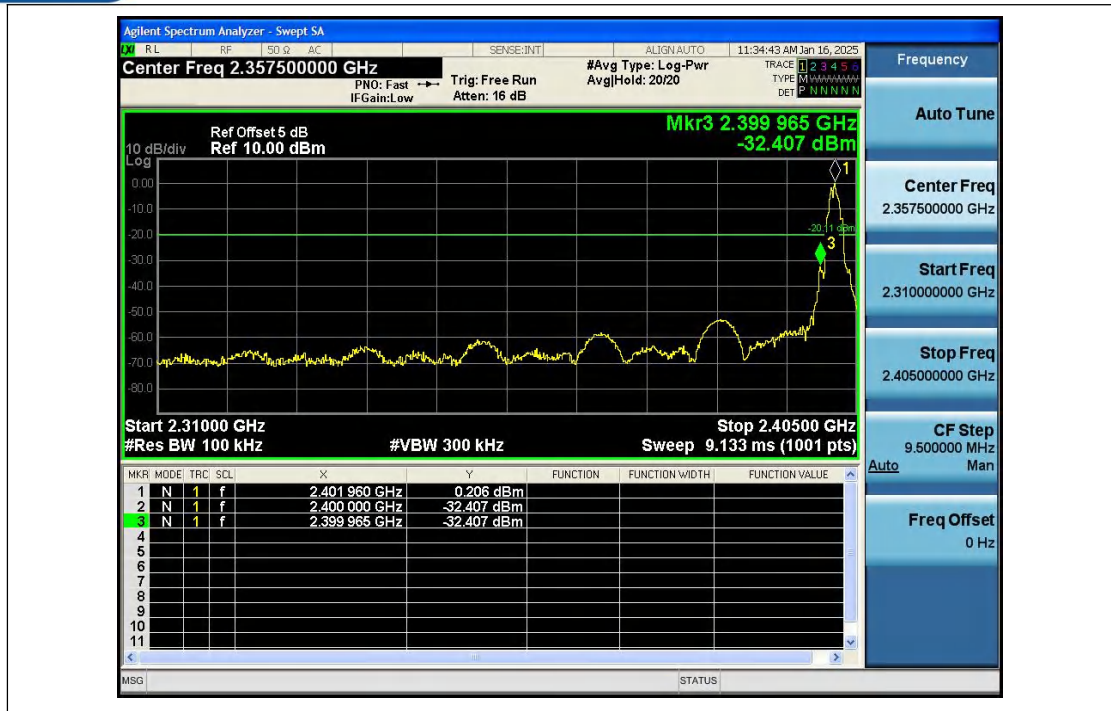
2_Bandedge_NVNT_ANT1_1Mbps_2480



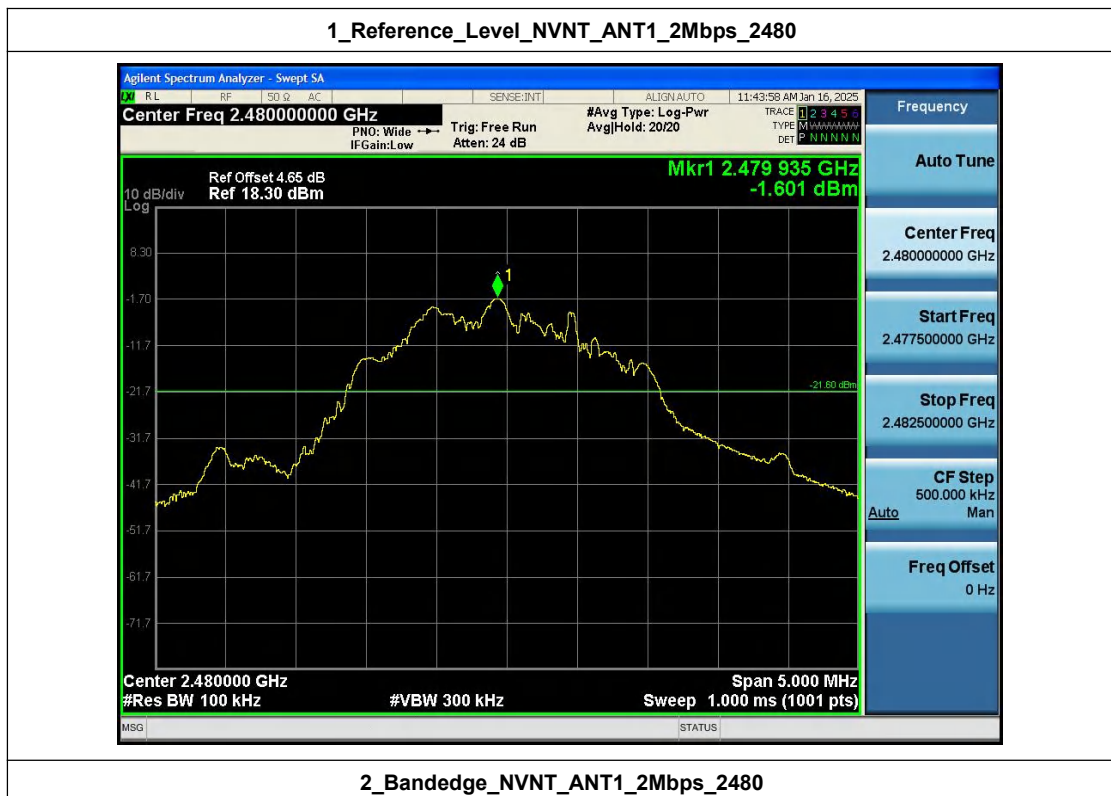
1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Bandedge_NVNT_ANT1_2Mbps_2402



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



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

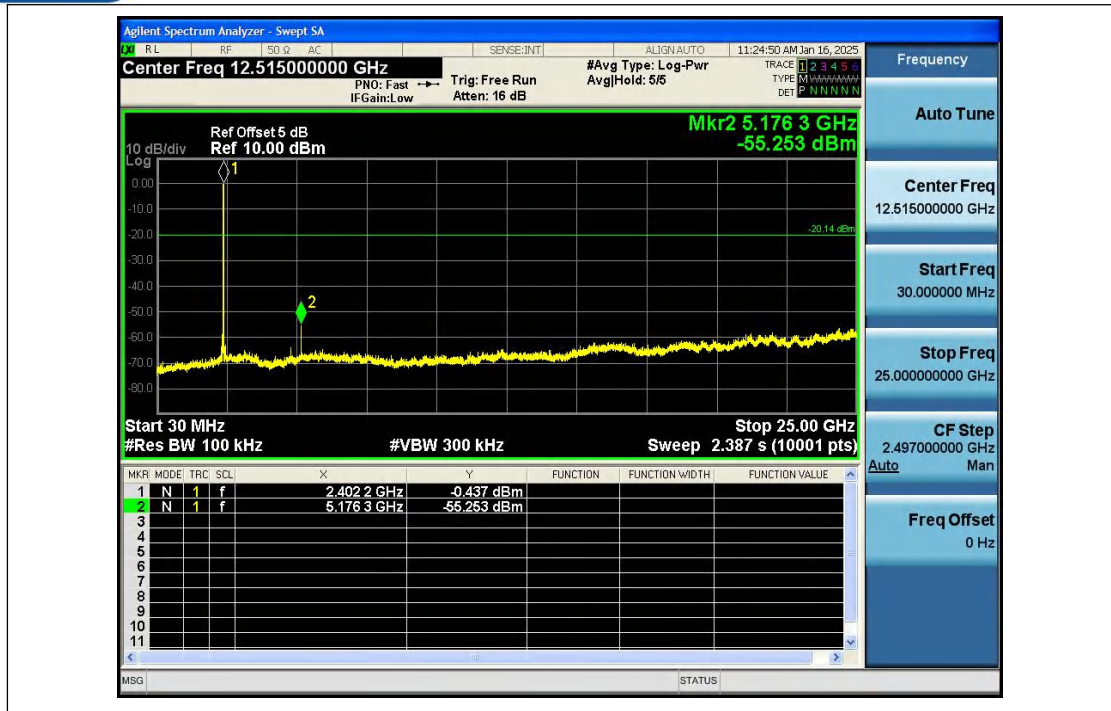
Appendix G: Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.141	-55.253	-20.141	Pass
NVNT	ANT1	1Mbps	2440.00	-1.249	-57.875	-21.249	Pass
NVNT	ANT1	1Mbps	2480.00	-1.645	-53.383	-21.645	Pass
NVNT	ANT1	2Mbps	2402.00	-0.108	-55.665	-20.108	Pass
NVNT	ANT1	2Mbps	2440.00	-1.168	-56.649	-21.168	Pass
NVNT	ANT1	2Mbps	2480.00	-1.601	-52.874	-21.601	Pass

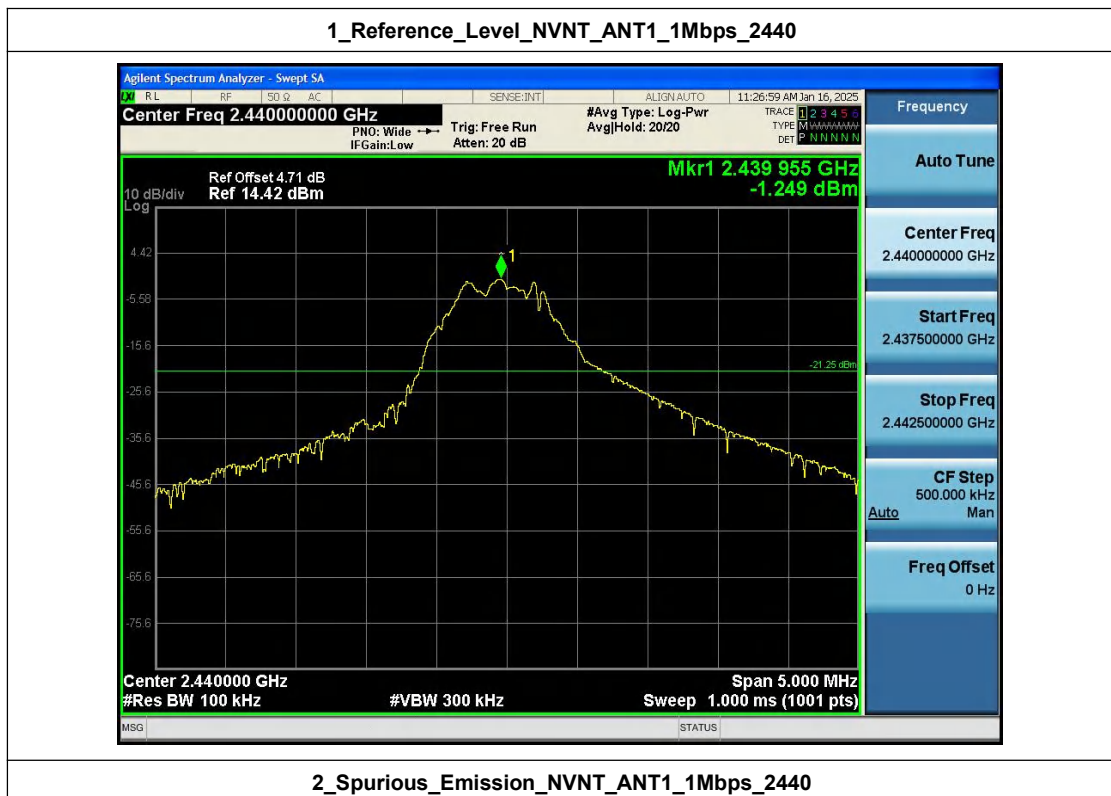
1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2440

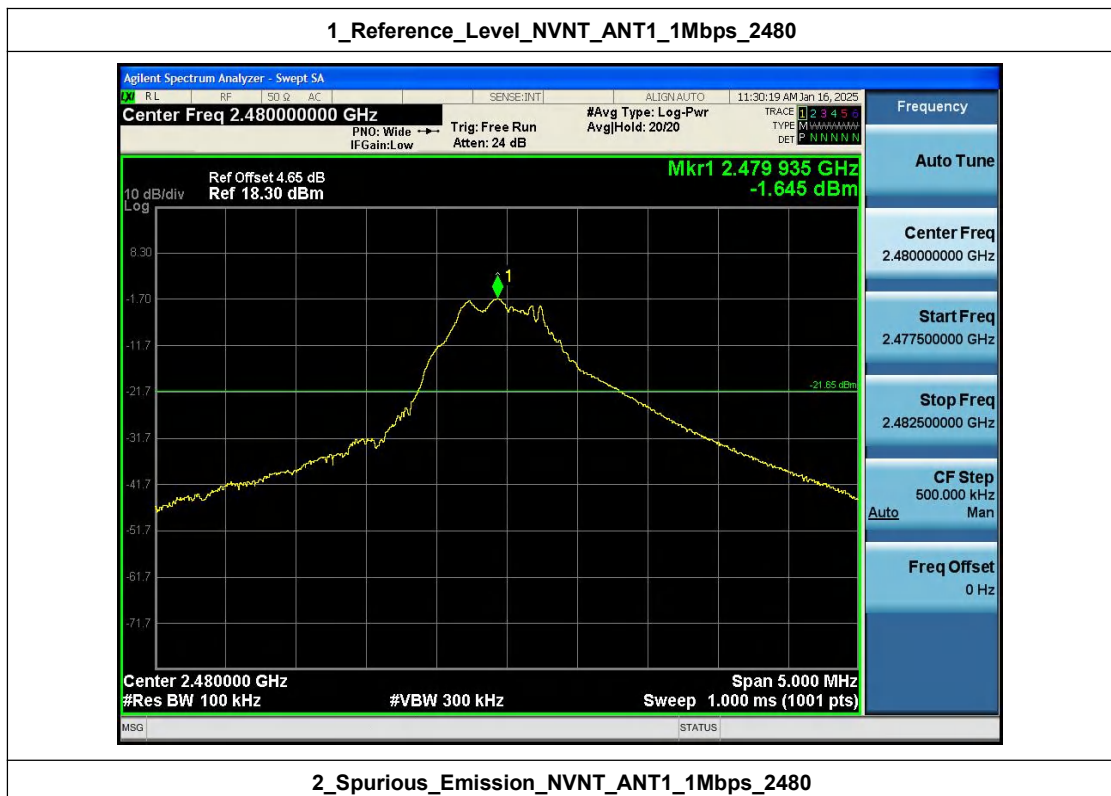


2_Spurious_Emission_NVNT_ANT1_1Mbps_2440





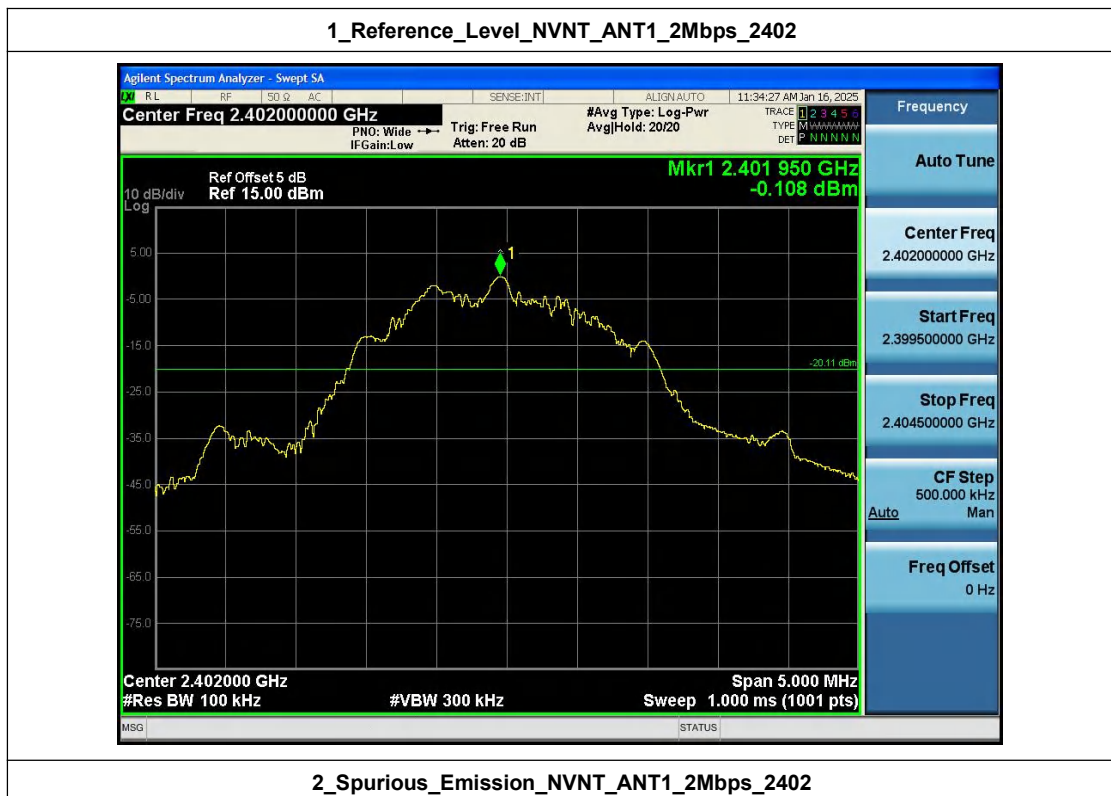
1_Reference_Level_NVNT_ANT1_1Mbps_2480



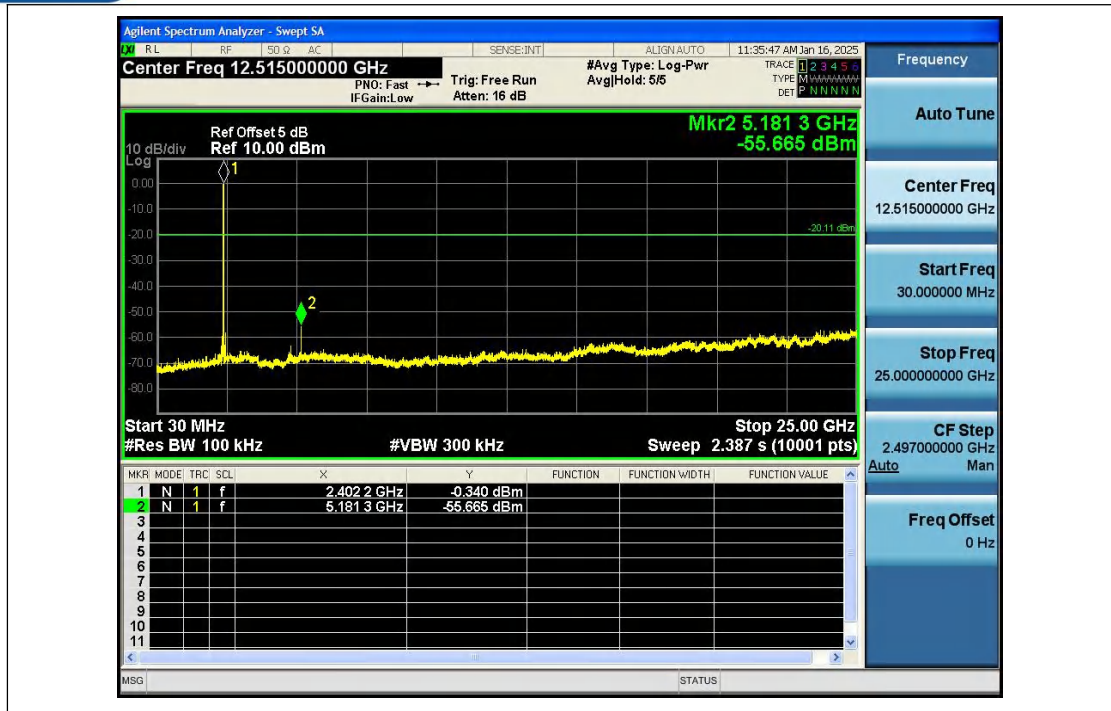
2_Spurious_Emission_NVNT_ANT1_1Mbps_2480



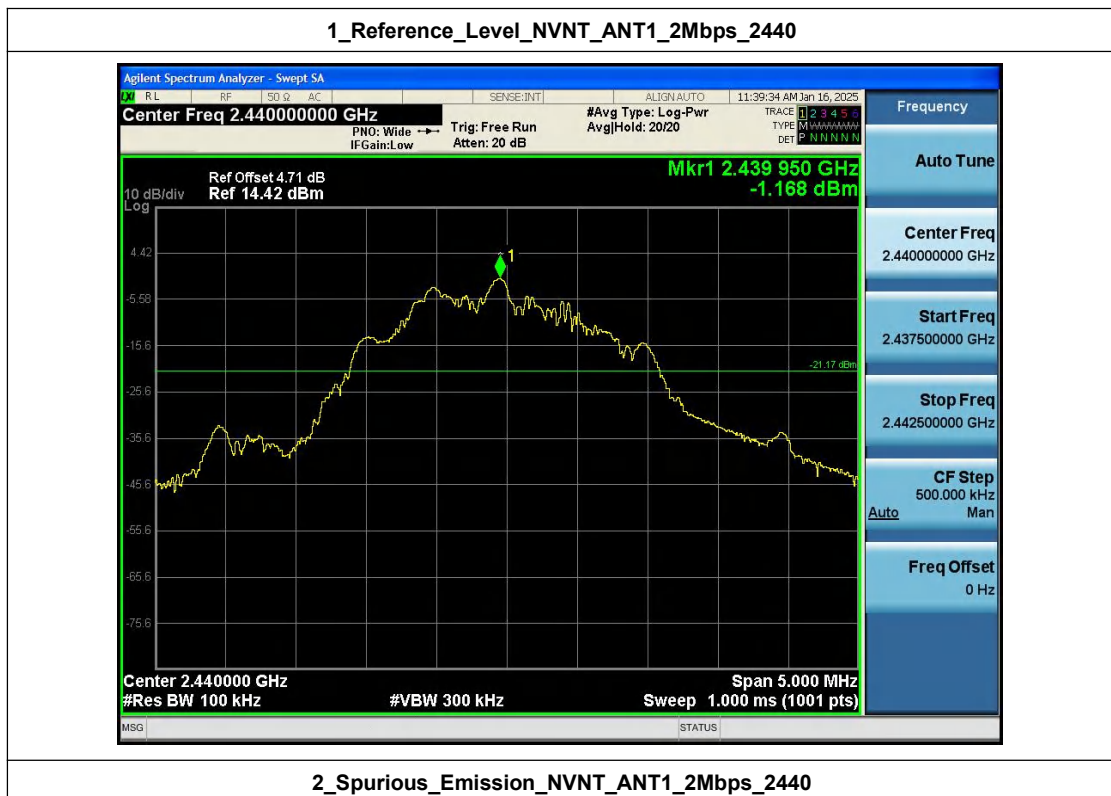
1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Spurious_Emission_NVNT_ANT1_2Mbps_2402



1_Reference_Level_NVNT_ANT1_2Mbps_2440

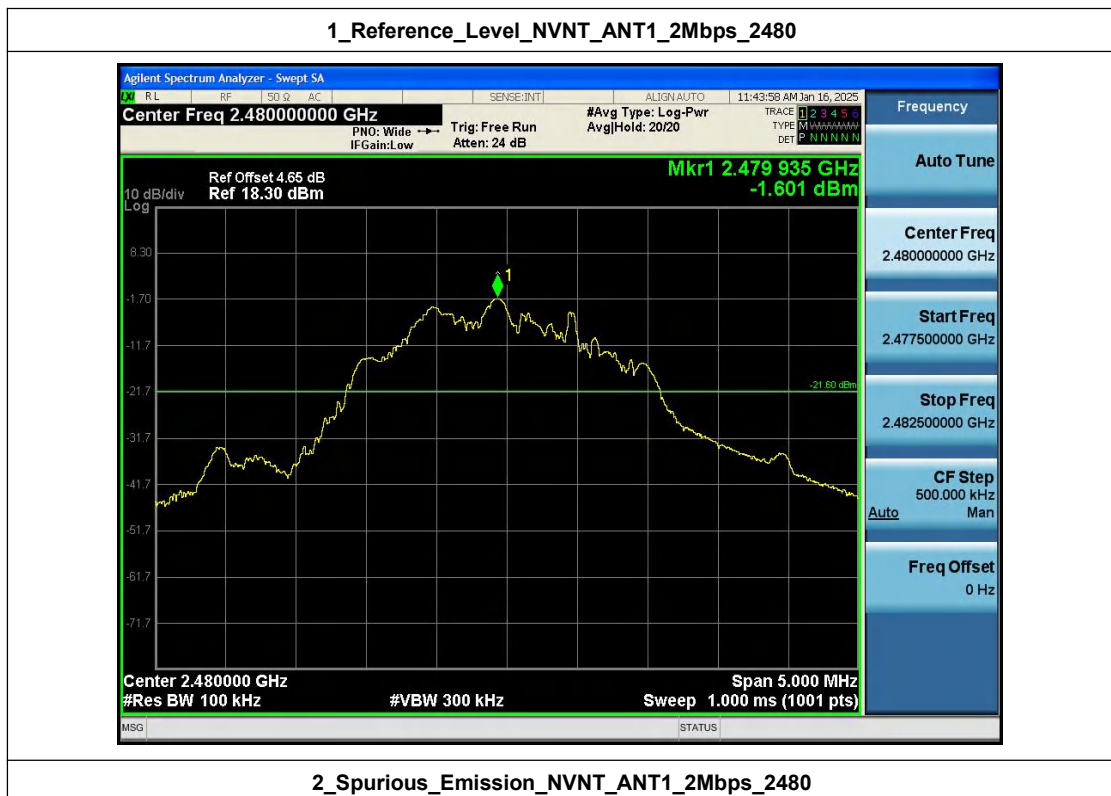


2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



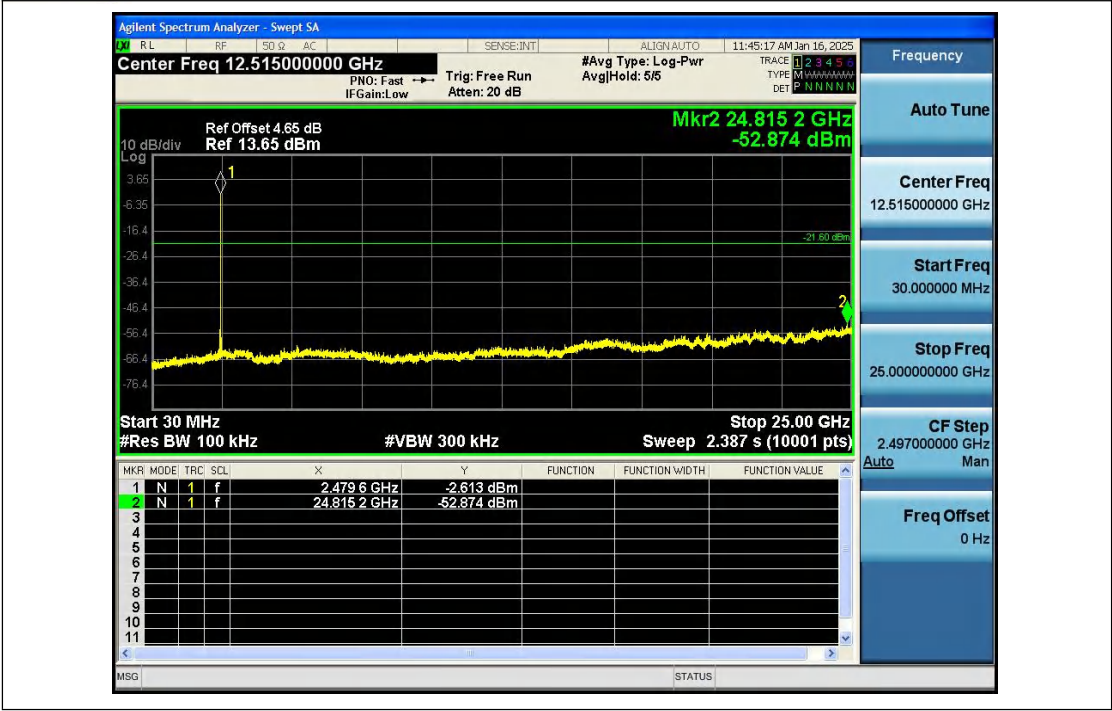


1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480





---END---

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