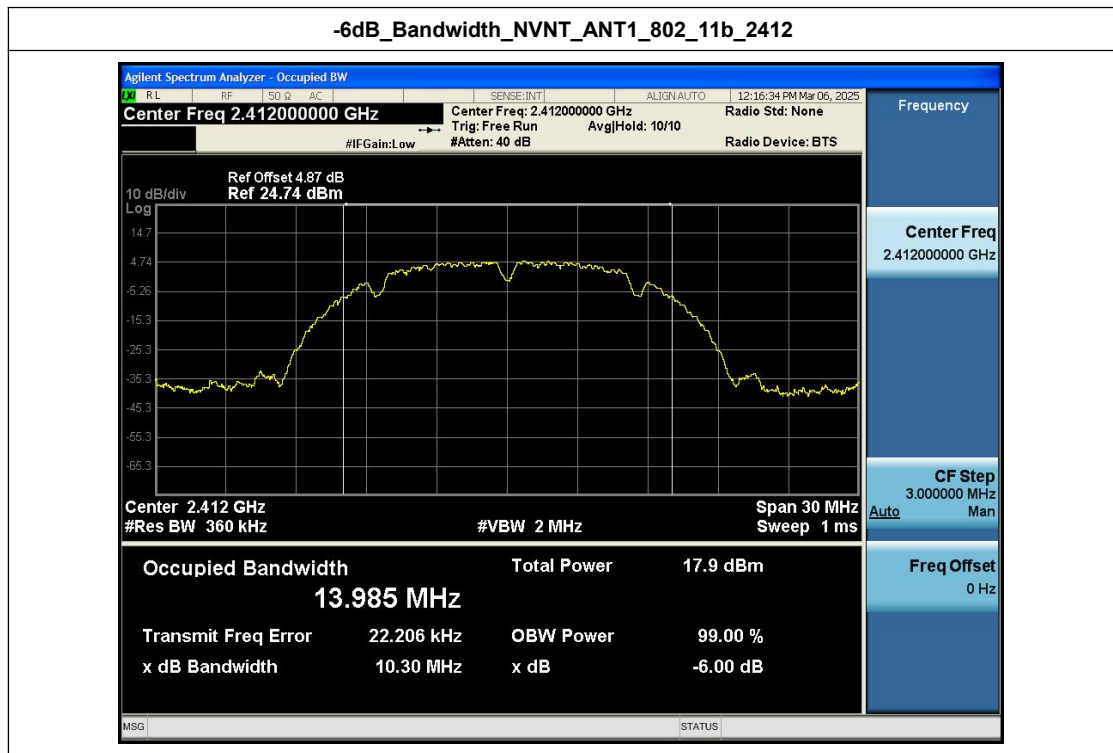


Appendix Test Data

Report No.:	1812C50071312501	Test Sample No.:	1-2-2
Start Test Date:	2025.3.4	Finish Test Date:	2025.3.6
Test Engineer:	<i>Liangfei Yang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.2°C	Relative Humidity:	45%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	10.30	500	Pass
NVNT	ANT1	802.11b	2437.00	10.30	500	Pass
NVNT	ANT1	802.11b	2462.00	10.30	500	Pass



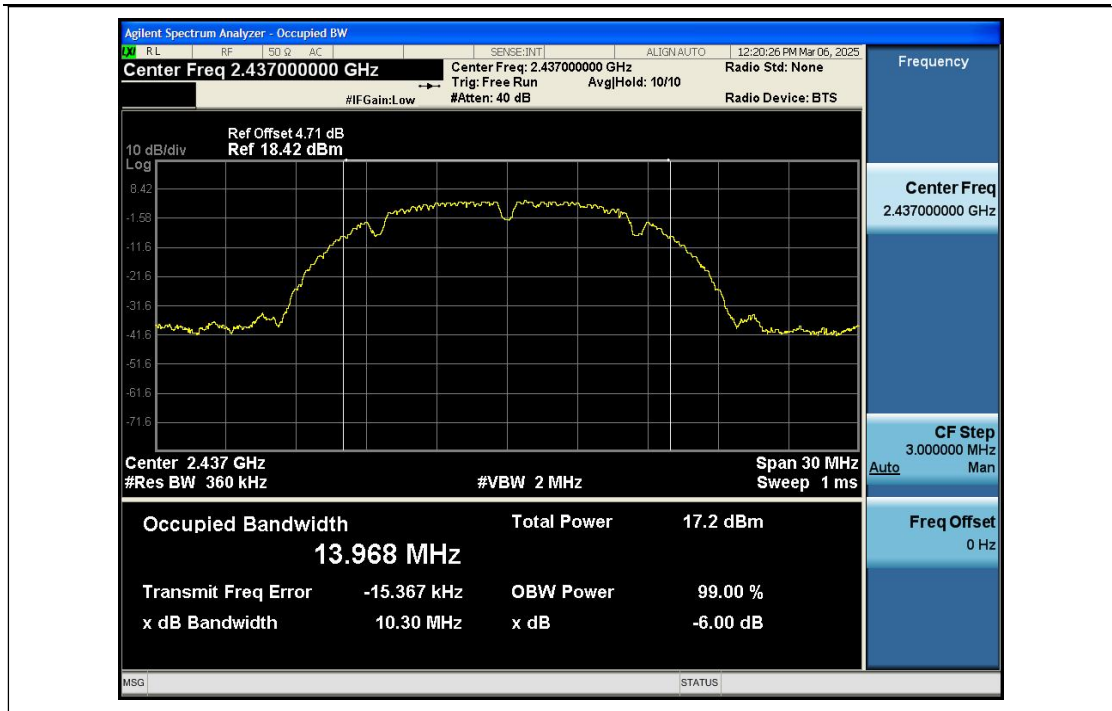
-6dB_Bandwidth_NVNT_ANT1_802_11b_2437

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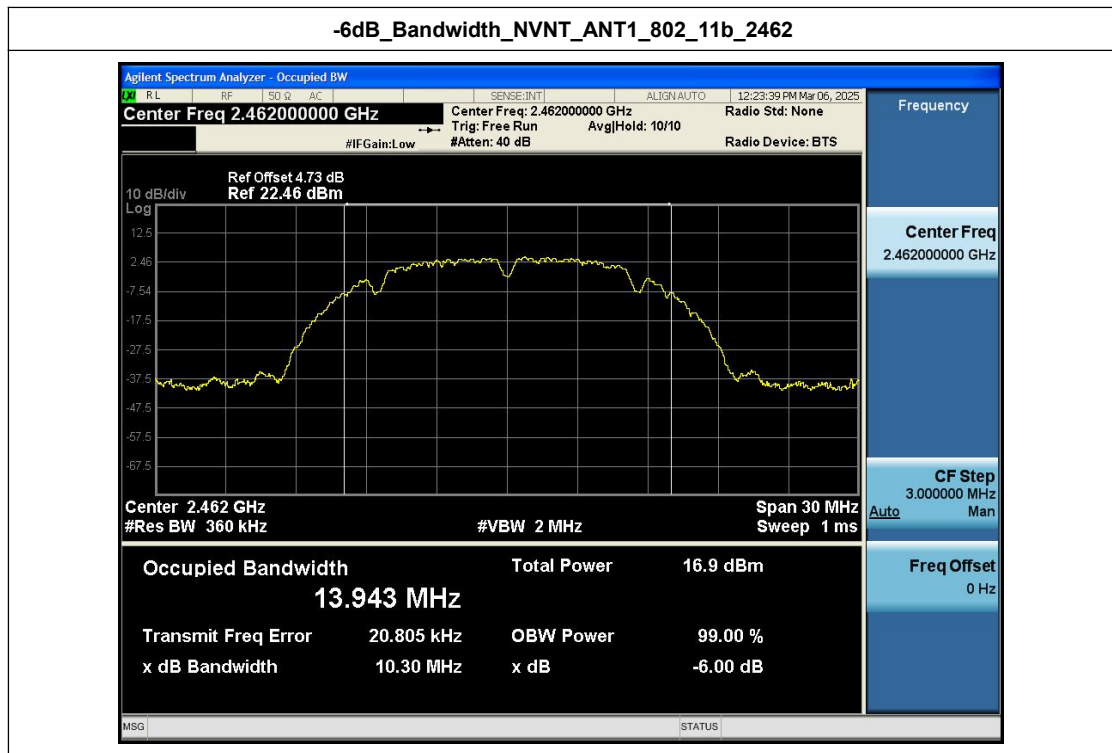
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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-6dB_Bandwidth_NVNT_ANT1_802_11b_2462



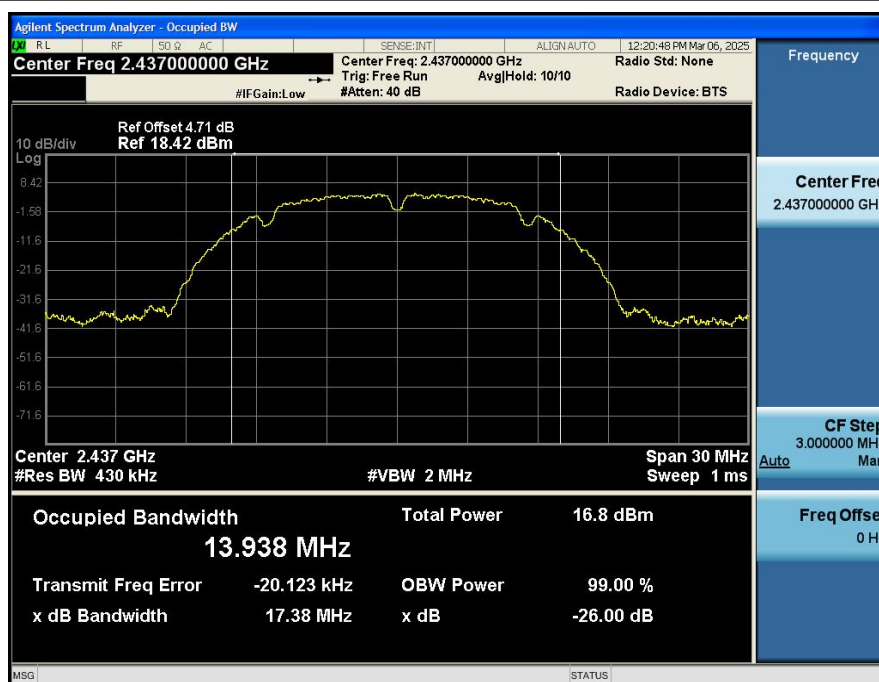
Appendix B: 99% Occupied Bandwidth

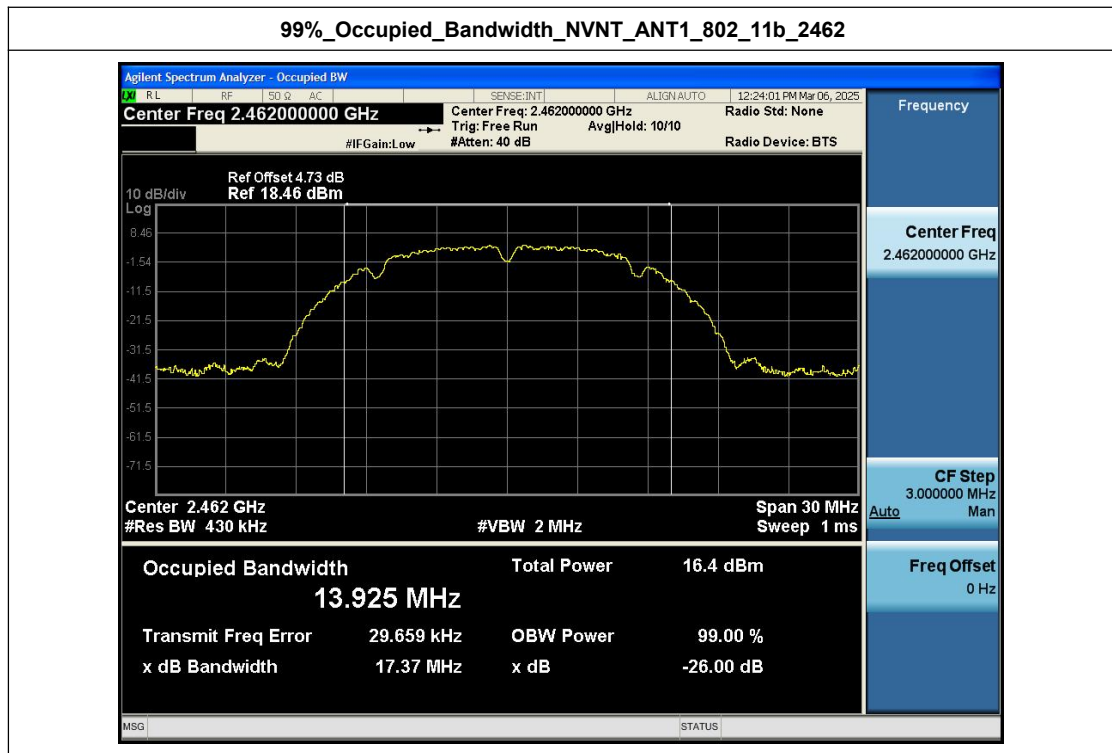
Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	802.11b	2412.00	13.990
NVNT	ANT1	802.11b	2437.00	13.938
NVNT	ANT1	802.11b	2462.00	13.925

99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2412



99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2437





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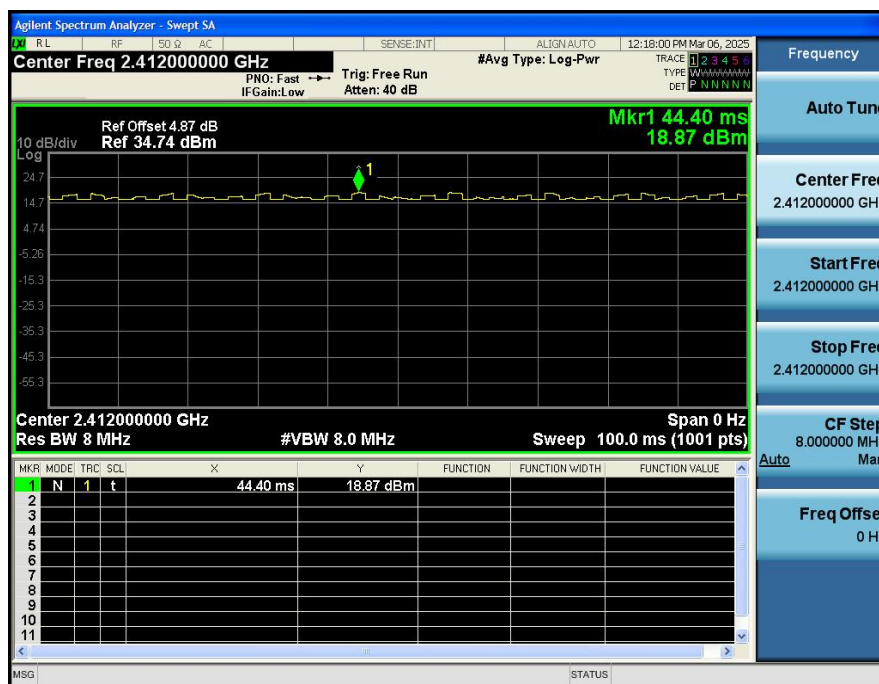
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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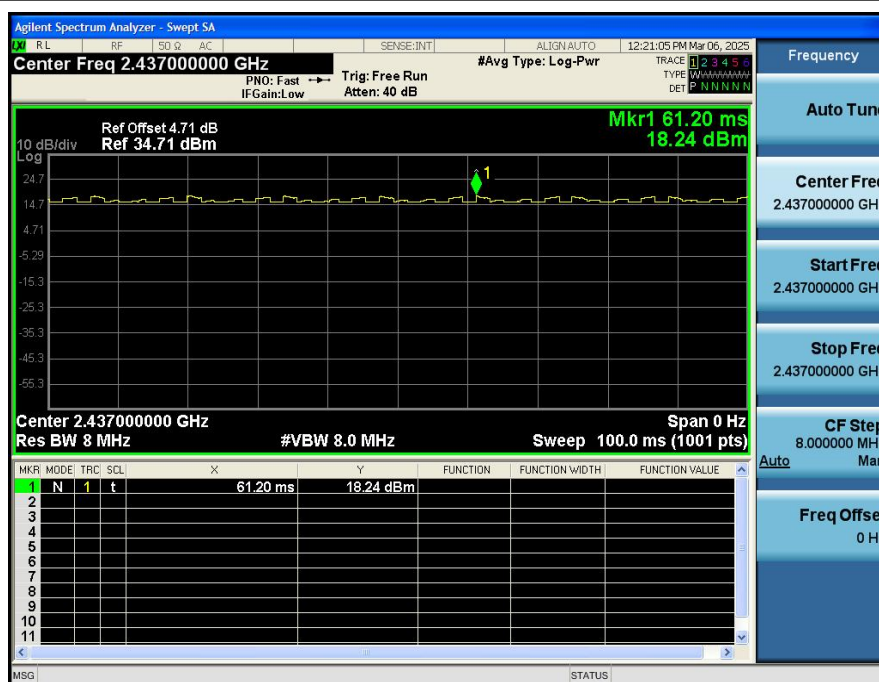
Appendix C: Duty Cycle

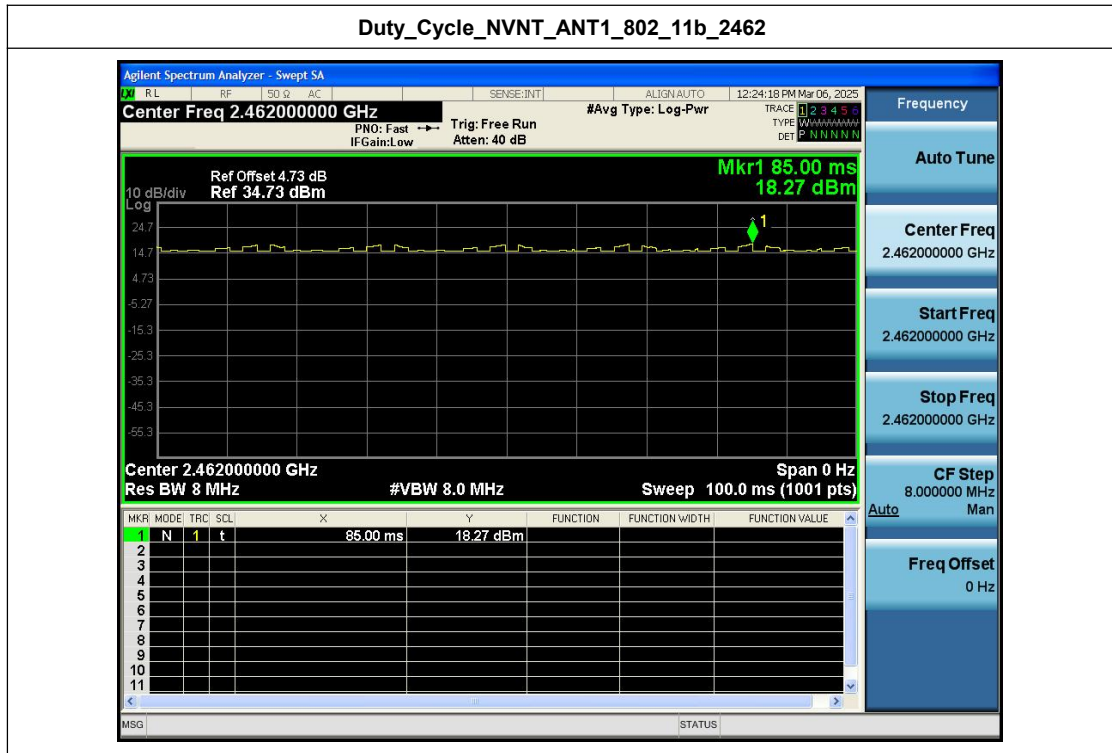
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor(dB)
NVNT	ANT1	802.11b	2412.00	100	0.00
NVNT	ANT1	802.11b	2437.00	100	0.00
NVNT	ANT1	802.11b	2462.00	100	0.00

Duty_Cycle_NVNT_ANT1_802_11b_2412



Duty_Cycle_NVNT_ANT1_802_11b_2437





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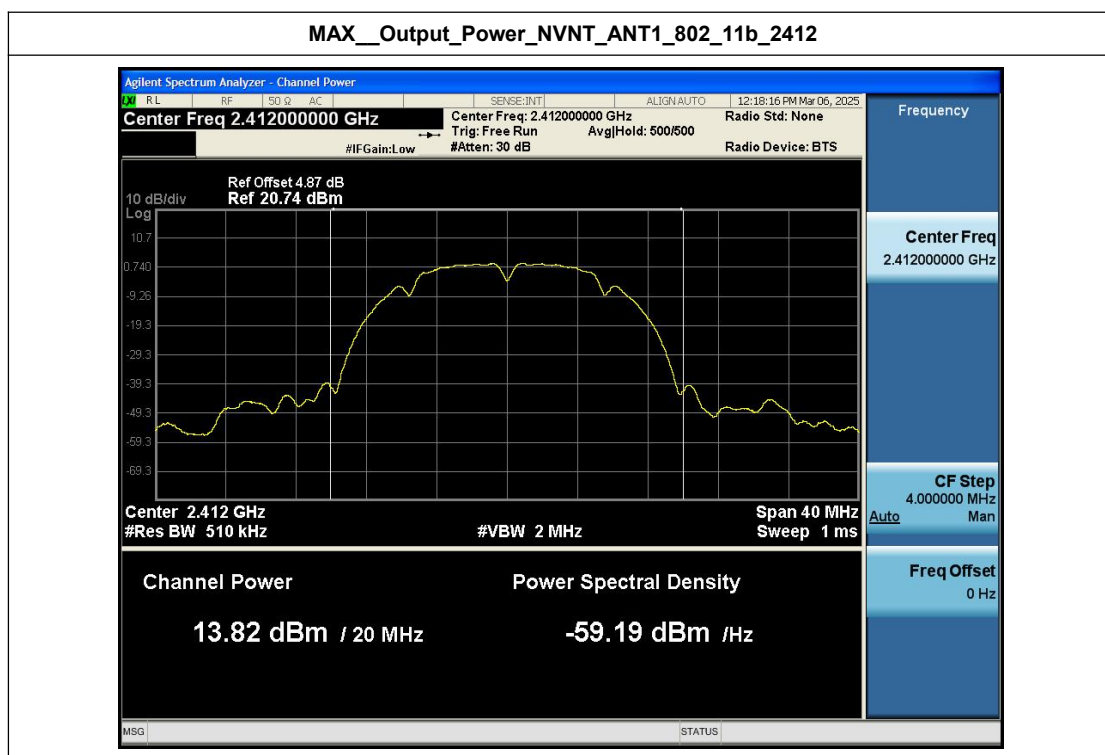


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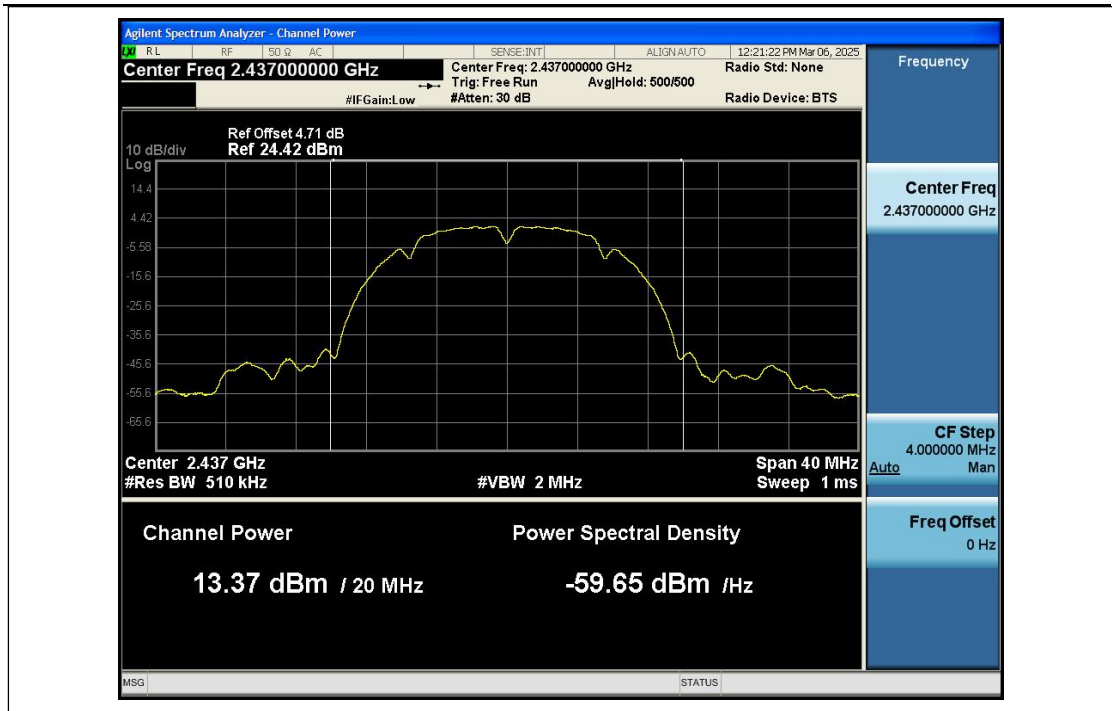
Appendix D: MAX. Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power (dBm)	Duty factor (dB)	Total Power (dBm)	Limit (dBm)	Result
NVNT	ANT1	802.11b	2412.00	RMS	13.82	0.00	13.82	30	Pass
NVNT	ANT1	802.11b	2437.00	RMS	13.37	0.00	13.37	30	Pass
NVNT	ANT1	802.11b	2462.00	RMS	13.02	0.00	13.02	30	Pass

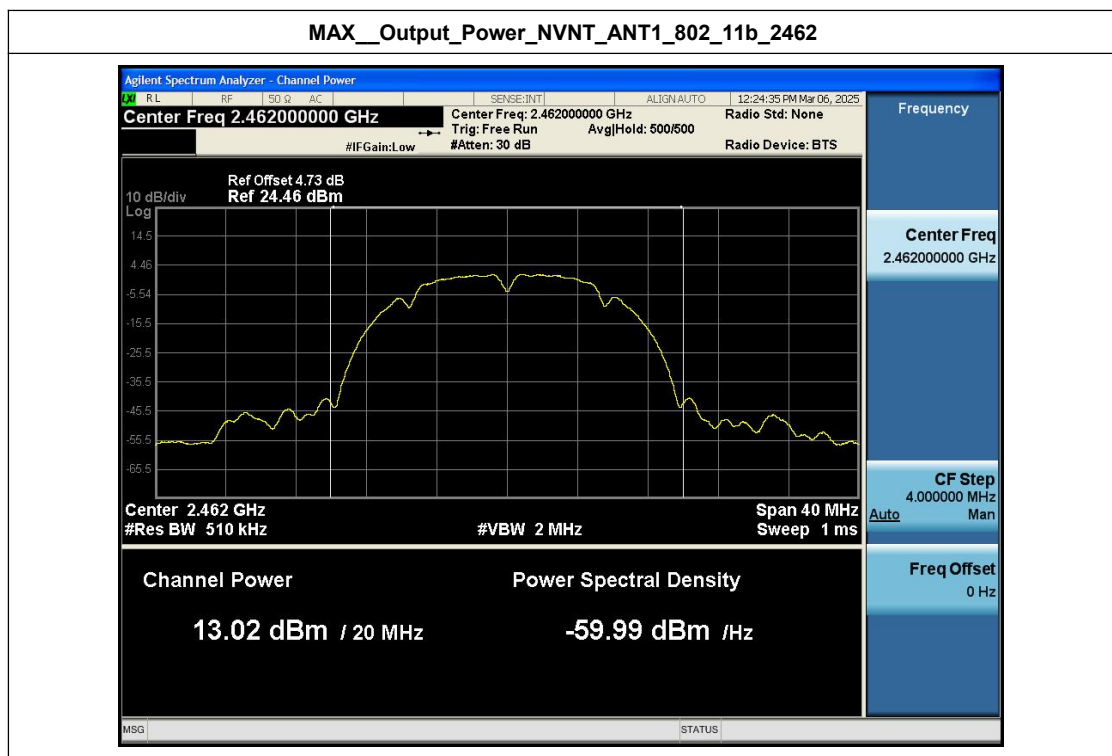
Note: 1.The cable loss are compensated in the graph.



MAX__Output_Power_NVNT_ANT1_802_11b_2437



MAX__Output_Power_NVNT_ANT1_802_11b_2462

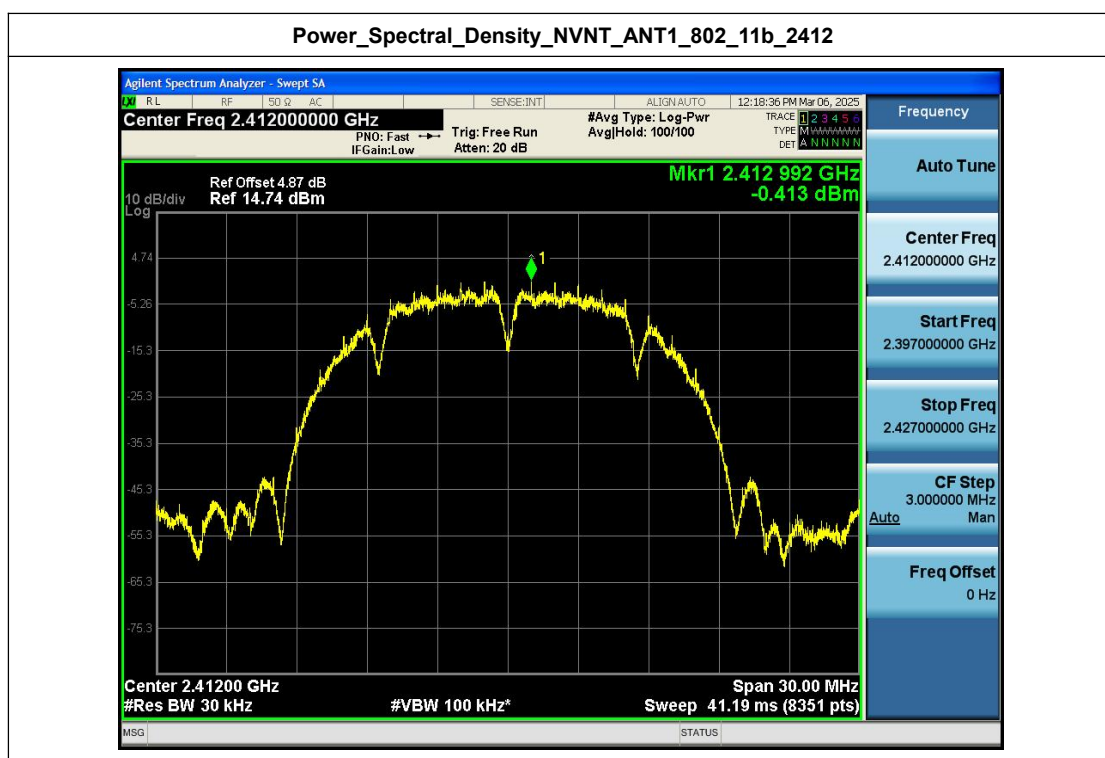


Appendix E: Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	SA_PSD (dBm/30kHz)	Duty factor(dB)	RB factor (dB)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	-0.41	0.00	-10.00	-10.41	8	Pass
NVNT	ANT1	802.11b	2437.00	-0.86	0.00	-10.00	-10.86	8	Pass
NVNT	ANT1	802.11b	2462.00	-1.27	0.00	-10.00	-11.27	8	Pass

Note: 1.The cable loss are compensated in the graph.

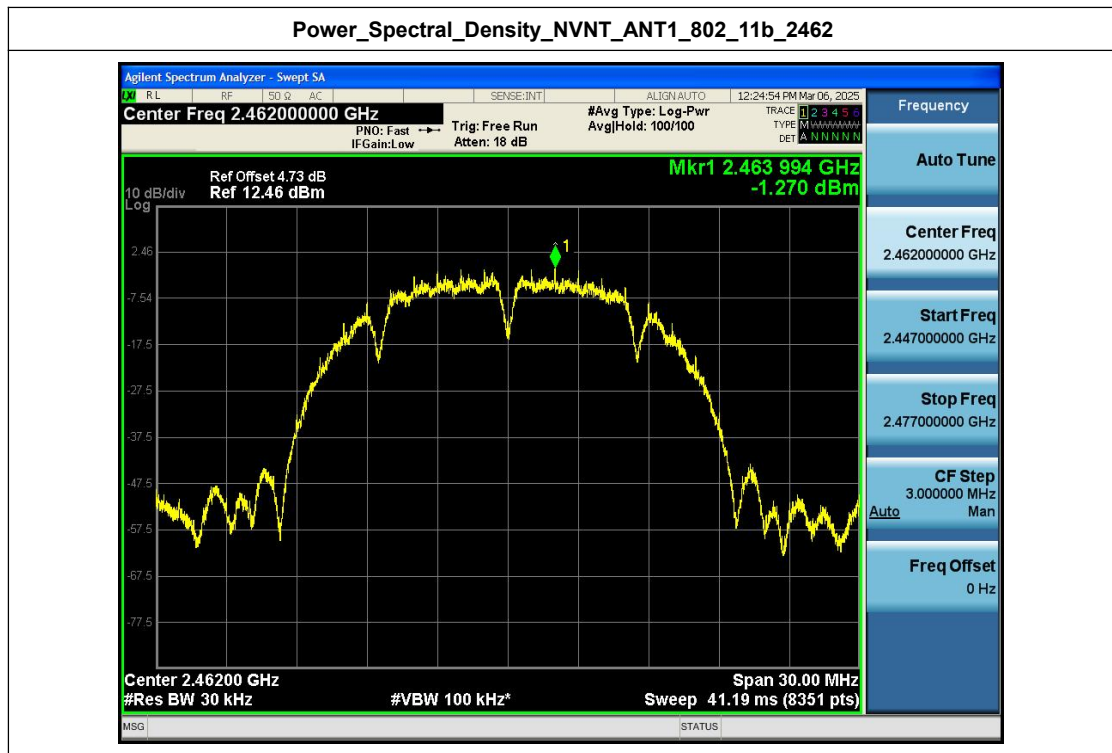
2. $PSD(dBm/3kHz) = PSD(dBm/30kHz) - (10 \cdot \log(30/3))$.



Power_Spectral_Density_NVNT_ANT1_802_11b_2437



Power_Spectral_Density_NVNT_ANT1_802_11b_2462



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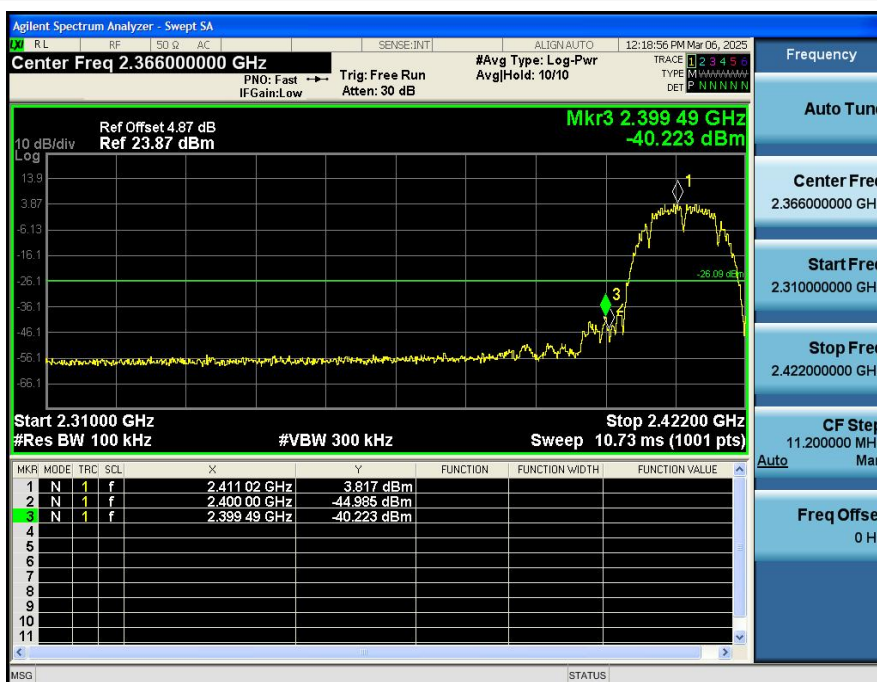
Appendix F: Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq (MHz)	Ref_level (dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2399.488	3.911	-40.223	-26.089	Pass
NVNT	ANT1	802.11b	2462.00	2486.656	3.182	-52.852	-26.818	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412



2_Bandedge_NVNT_ANT1_802_11b_2412



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1_Reference_Level_NVNT_ANT1_802_11b_2462



2_Bandedge_NVNT_ANT1_802_11b_2462



Appendix G: Spurious Emission

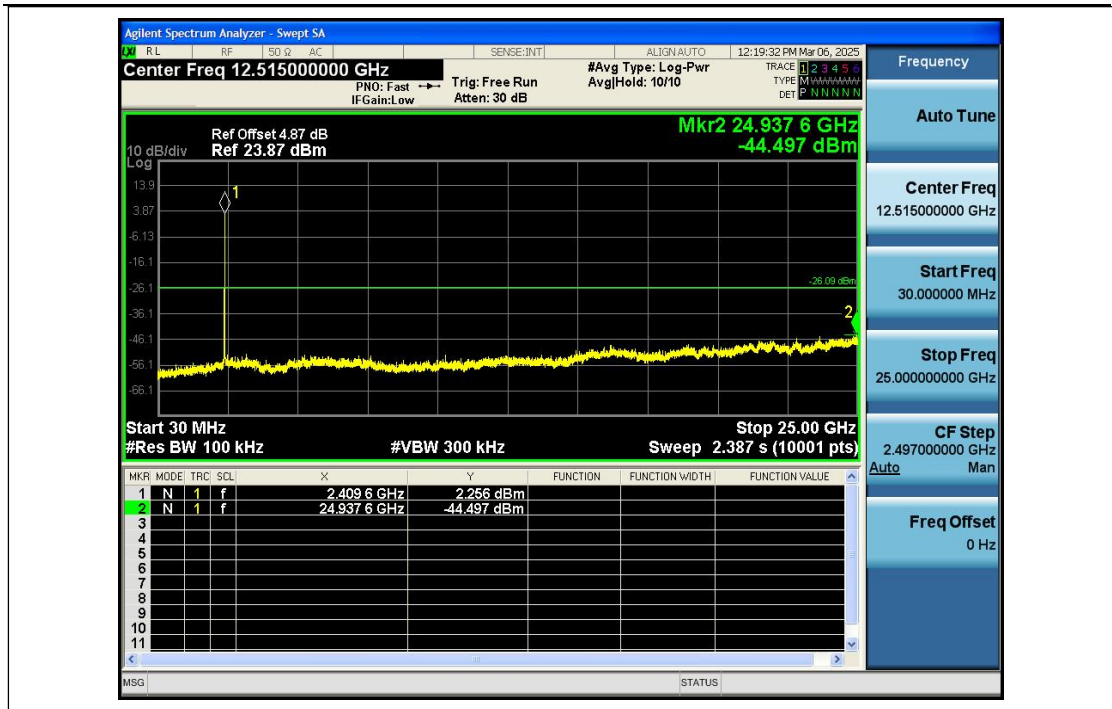
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq (MHz)	Ref_level (dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24937.575	3.911	-44.497	-26.089	Pass
NVNT	ANT1	802.11b	2437.00	24807.731	3.244	-44.874	-26.756	Pass
NVNT	ANT1	802.11b	2462.00	23536.758	3.182	-44.943	-26.818	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412

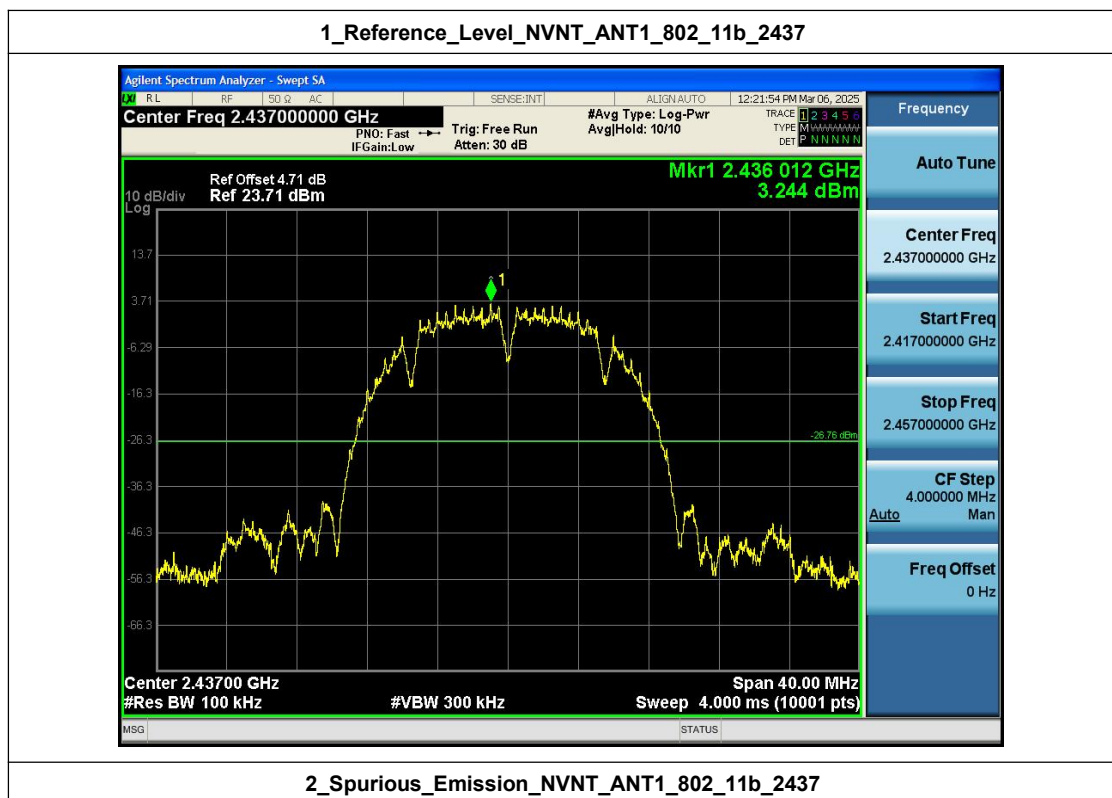


2_Spurious_Emission_NVNT_ANT1_802_11b_2412





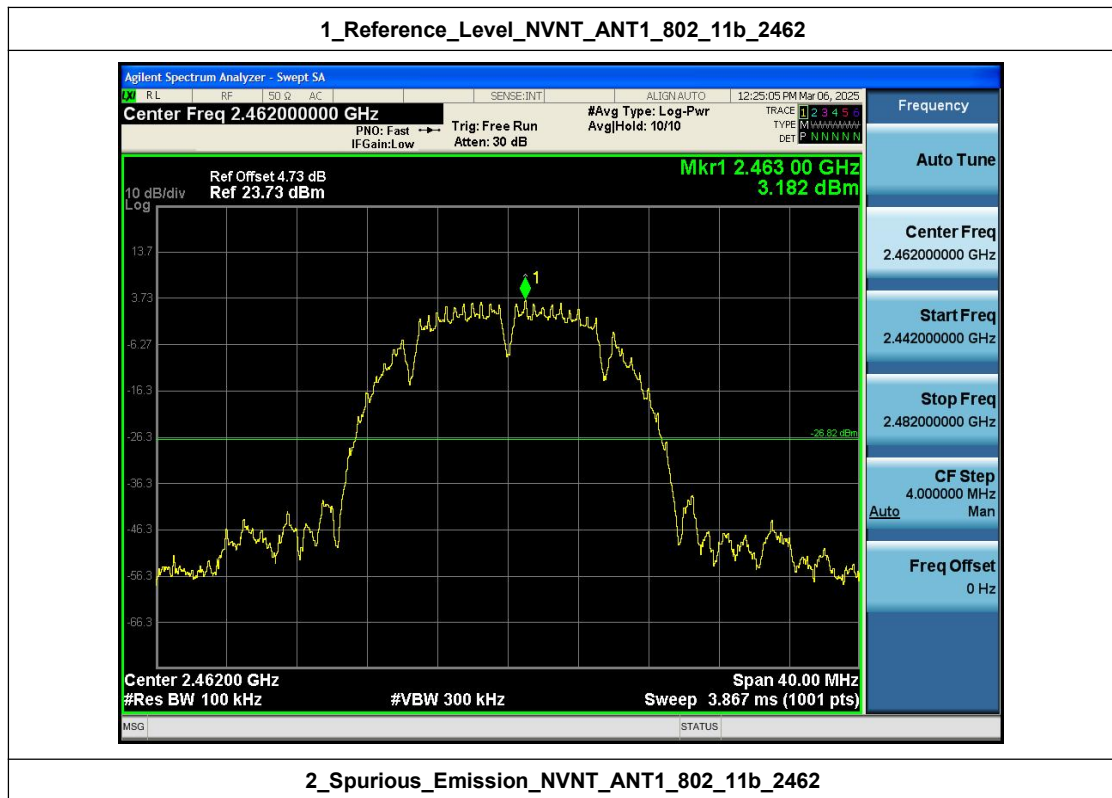
1_Reference_Level_NVNT_ANT1_802_11b_2437



2_Spurious_Emission_NVNT_ANT1_802_11b_2437



1_Reference_Level_NVNT_ANT1_802_11b_2462



2_Spurious_Emission_NVNT_ANT1_802_11b_2462





---END---