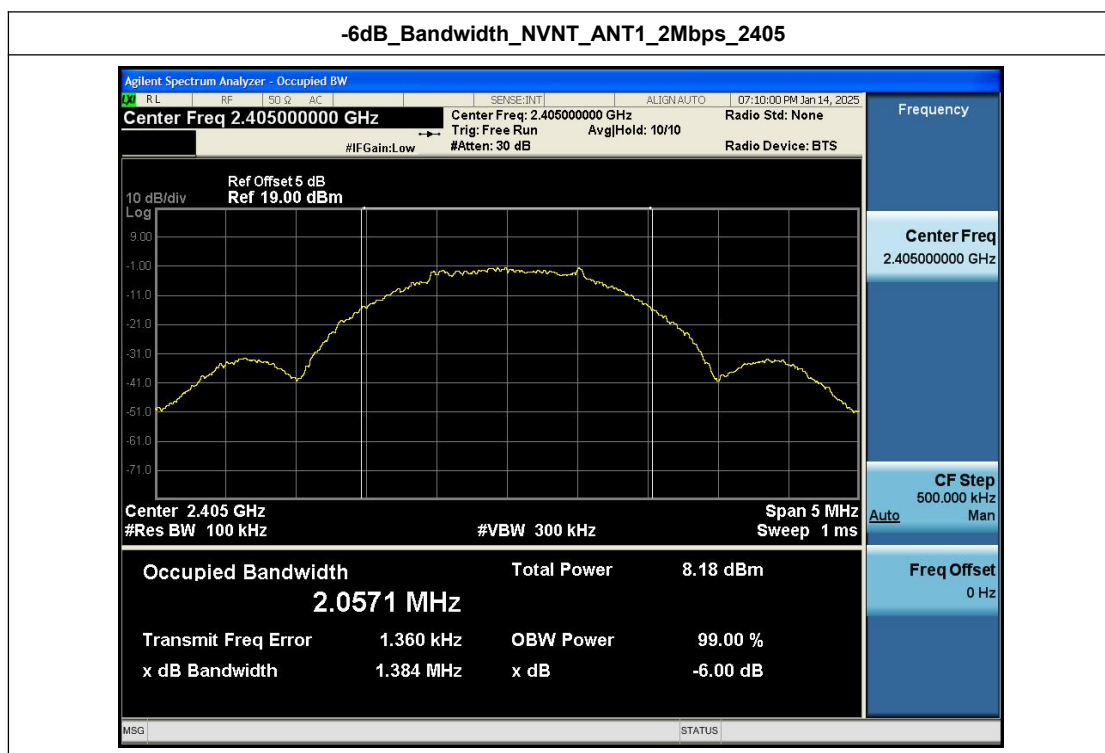


Appendix Test Data

Report No.:	1812C40007312501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.14	Finish Test Date:	2025.2.21
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.6°C	Relative Humidity:	53%
Pressure:	101kPa		

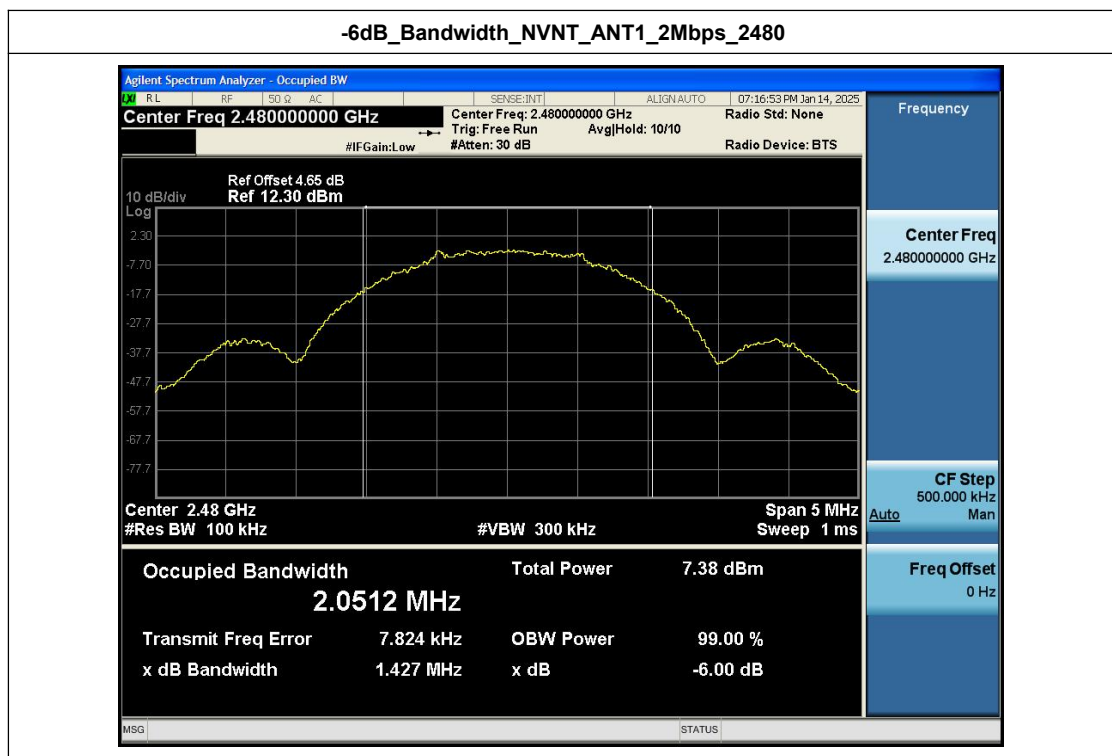
Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	ZigBee	2405.00	1383.88	500	Pass
NVNT	ANT1	ZigBee	2440.00	1361.76	500	Pass
NVNT	ANT1	ZigBee	2480.00	1427.37	500	Pass



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440

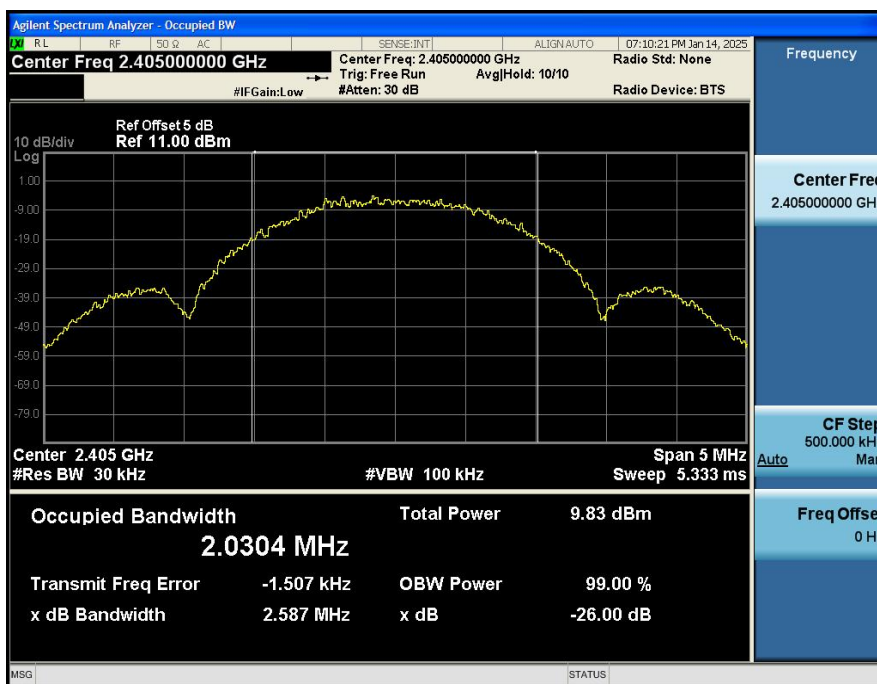




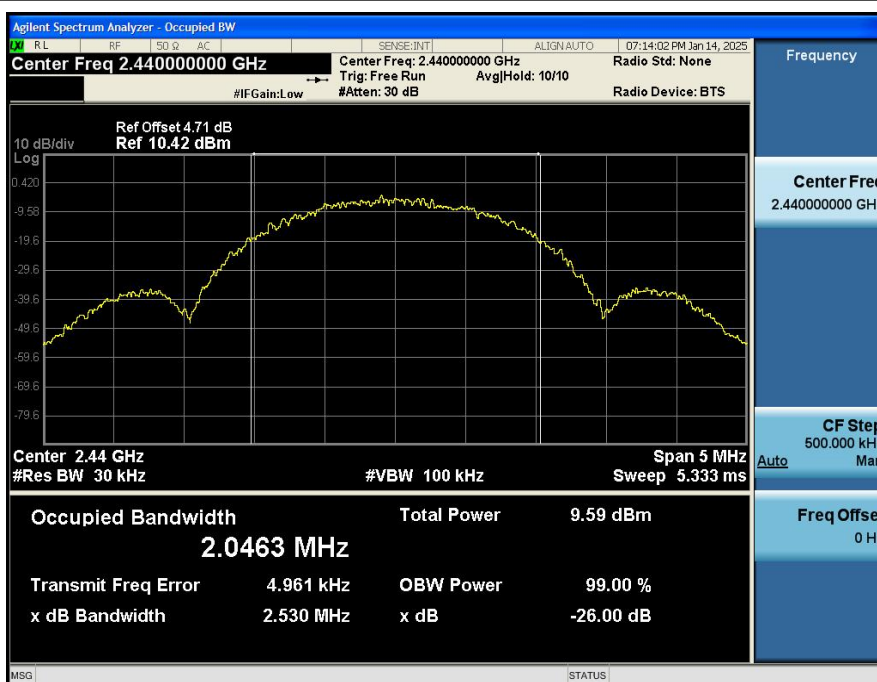
Appendix B: 99% Occupied Bandwidth

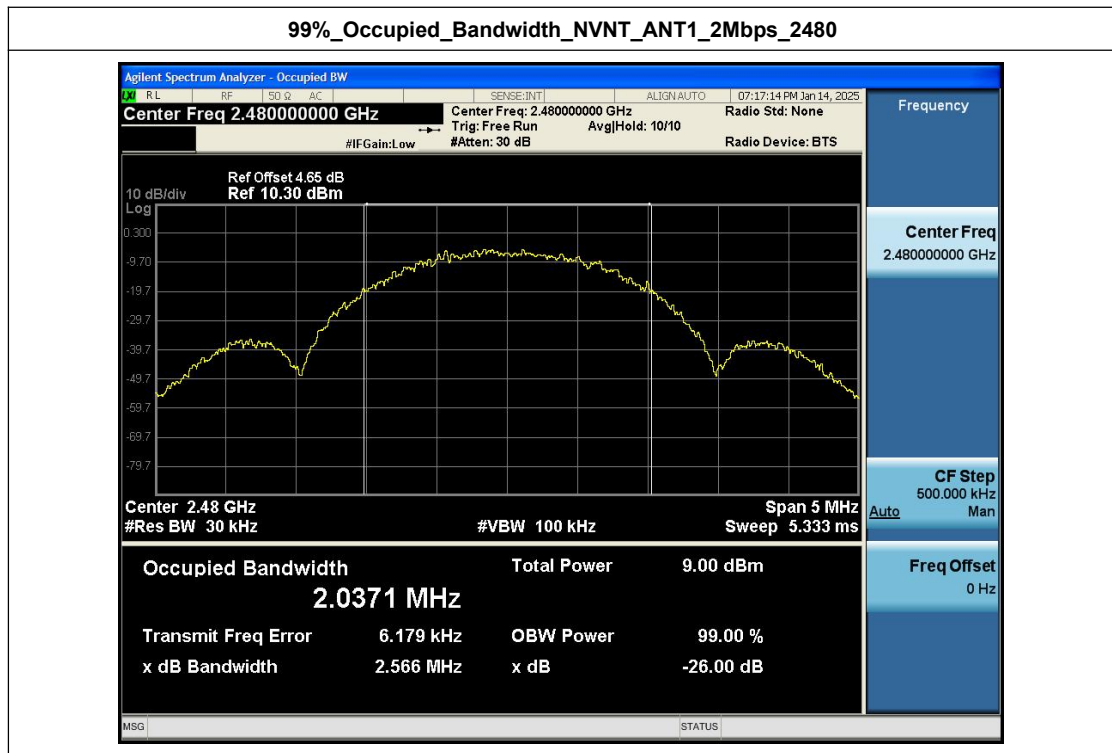
Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	ZigBee	2405.00	2.030
NVNT	ANT1	ZigBee	2440.00	2.046
NVNT	ANT1	ZigBee	2480.00	2.037

99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2405



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440





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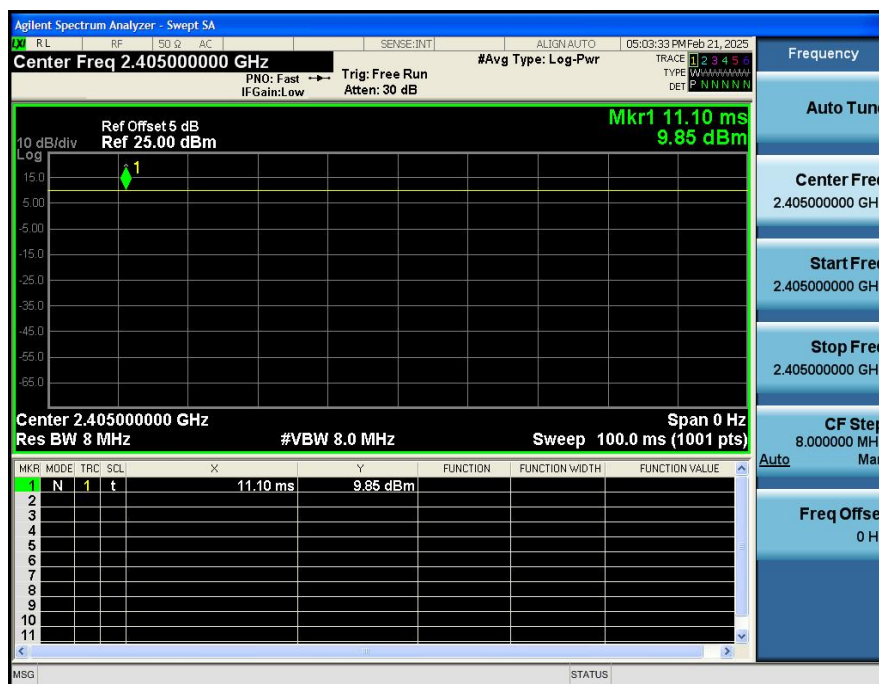
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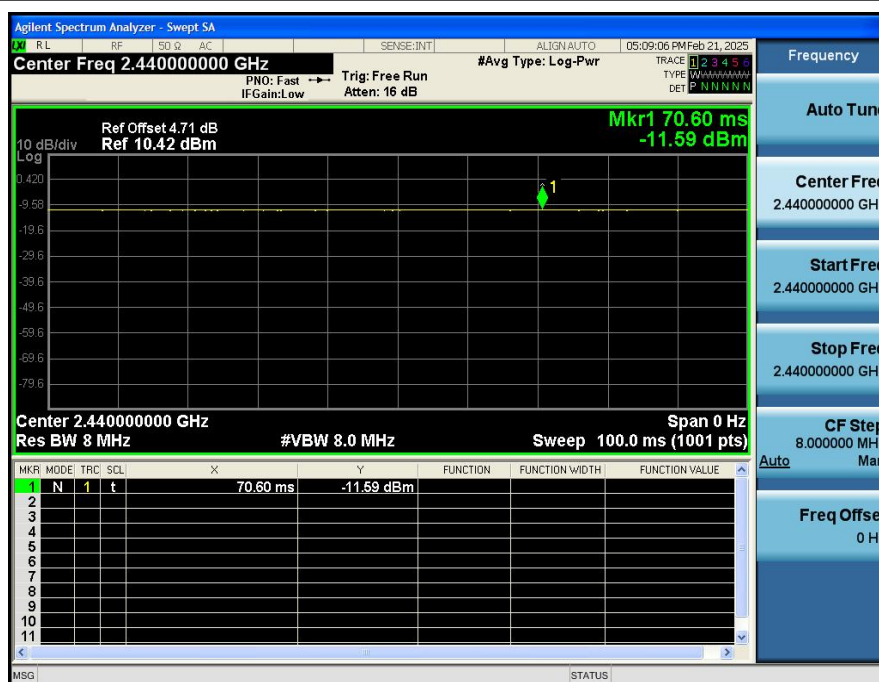
Appendix C: Duty Cycle

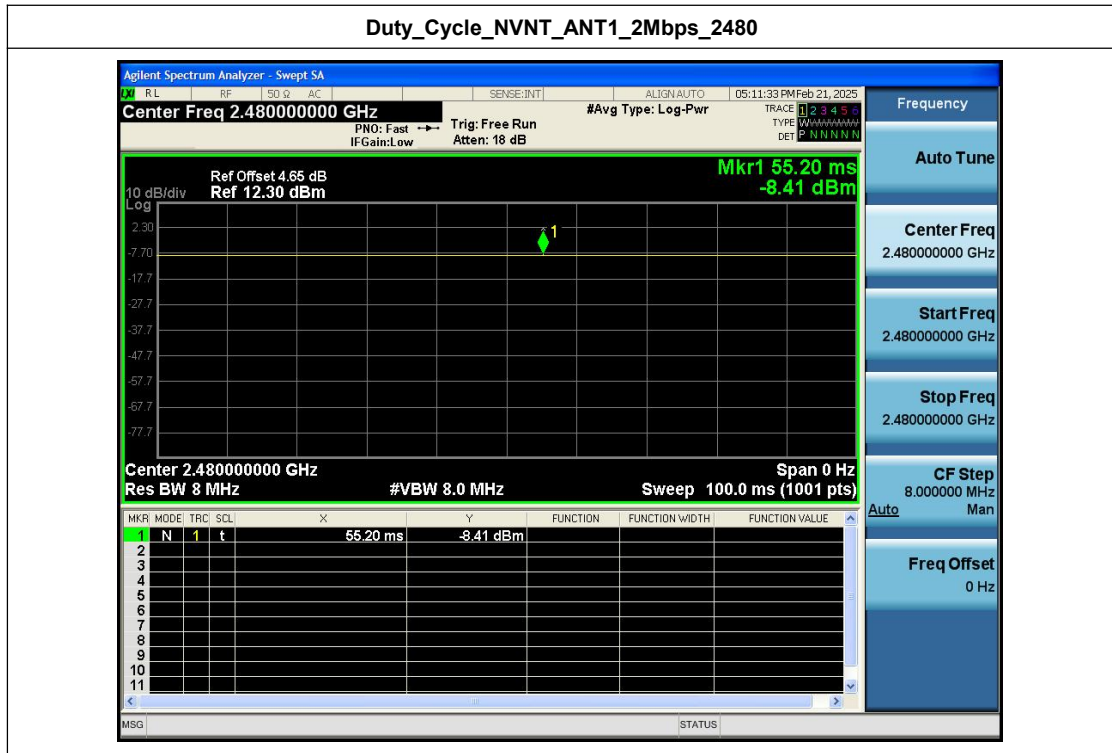
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	ZigBee	2405.00	100	0.00
NVNT	ANT1	ZigBee	2440.00	100	0.00
NVNT	ANT1	ZigBee	2480.00	100	0.00

Duty_Cycle_NVNT_ANT1_2Mbps_2405



Duty_Cycle_NVNT_ANT1_2Mbps_2440





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Appendix D: Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	ZigBee	2405.00	0.57	1.14	1000	Pass
NVNT	ANT1	ZigBee	2440.00	-0.11	0.97	1000	Pass
NVNT	ANT1	ZigBee	2480.00	-0.26	0.94	1000	Pass

Peak_Output_Power_NVNT_ANT1_2Mbps_2405

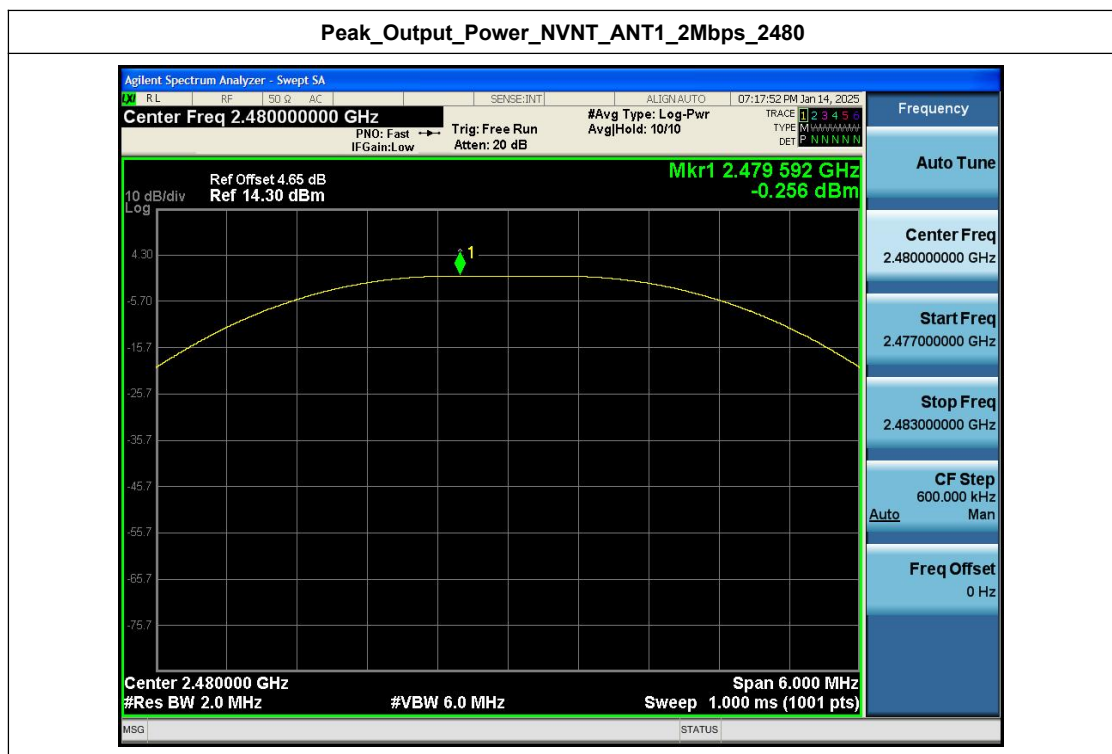


Peak_Output_Power_NVNT_ANT1_2Mbps_2440



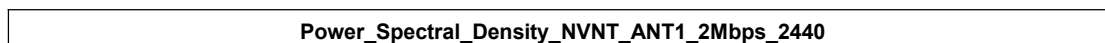
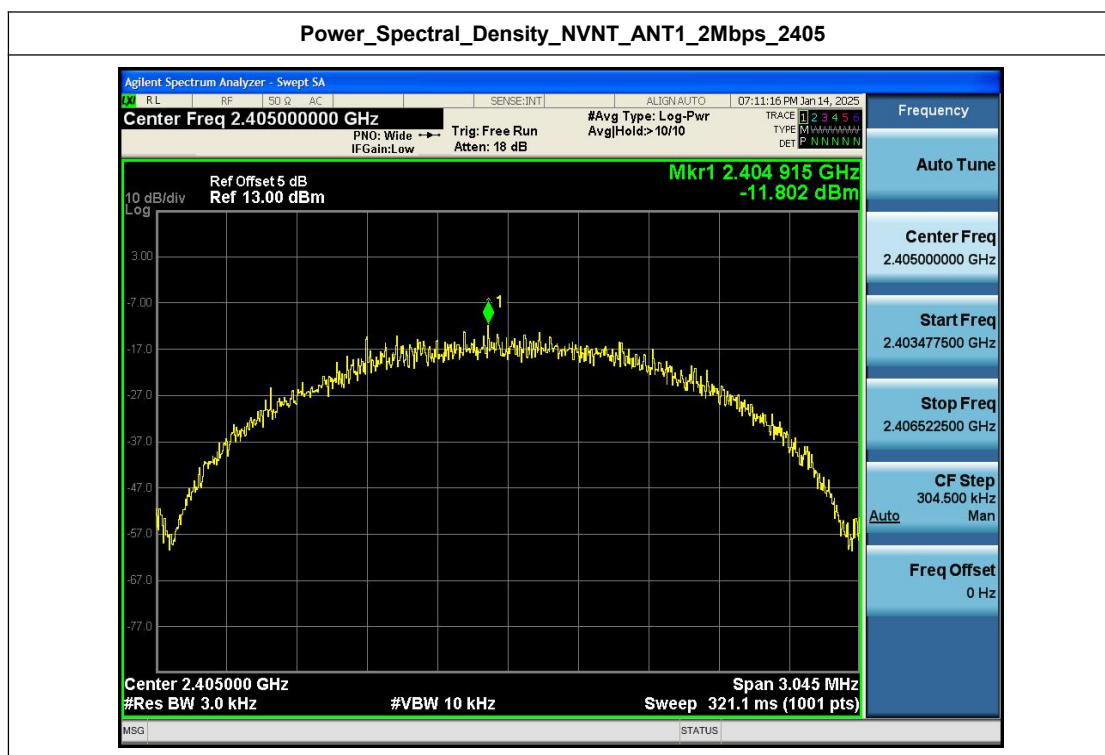


Peak_Output_Power_NVNT_ANT1_2Mbps_2480



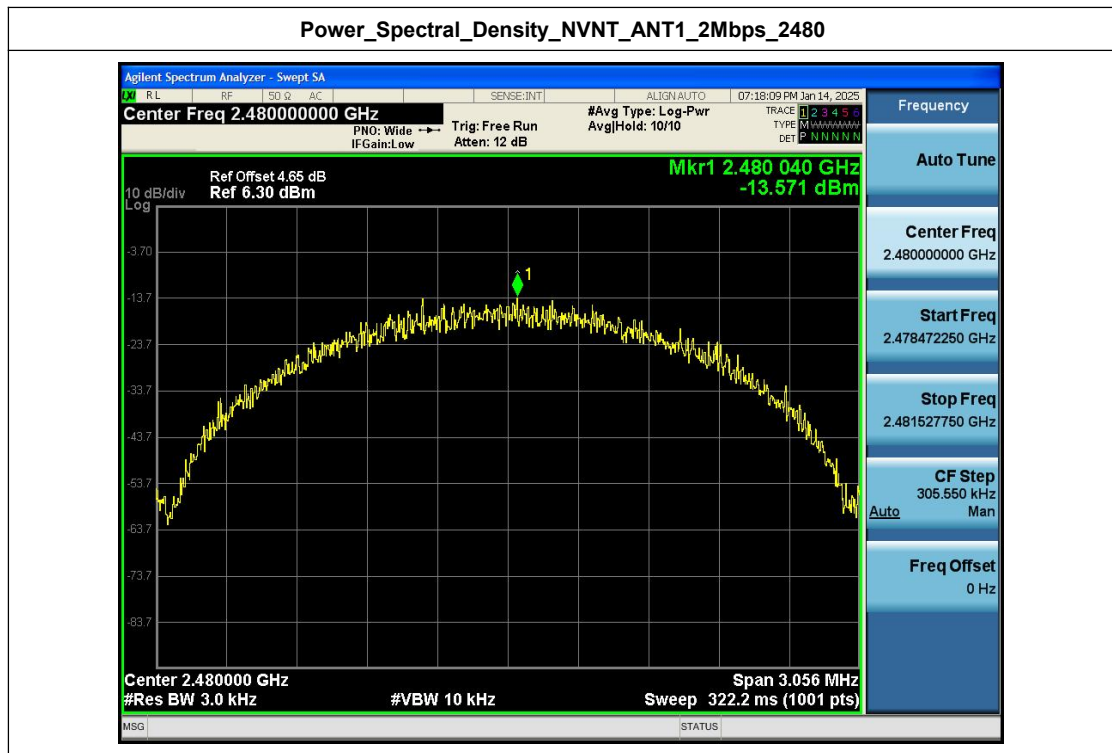
Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	ZigBee	2405.00	-11.80	8	Pass
NVNT	ANT1	ZigBee	2440.00	-13.67	8	Pass
NVNT	ANT1	ZigBee	2480.00	-13.57	8	Pass





Power_Spectral_Density_NVNT_ANT1_2Mbps_2480



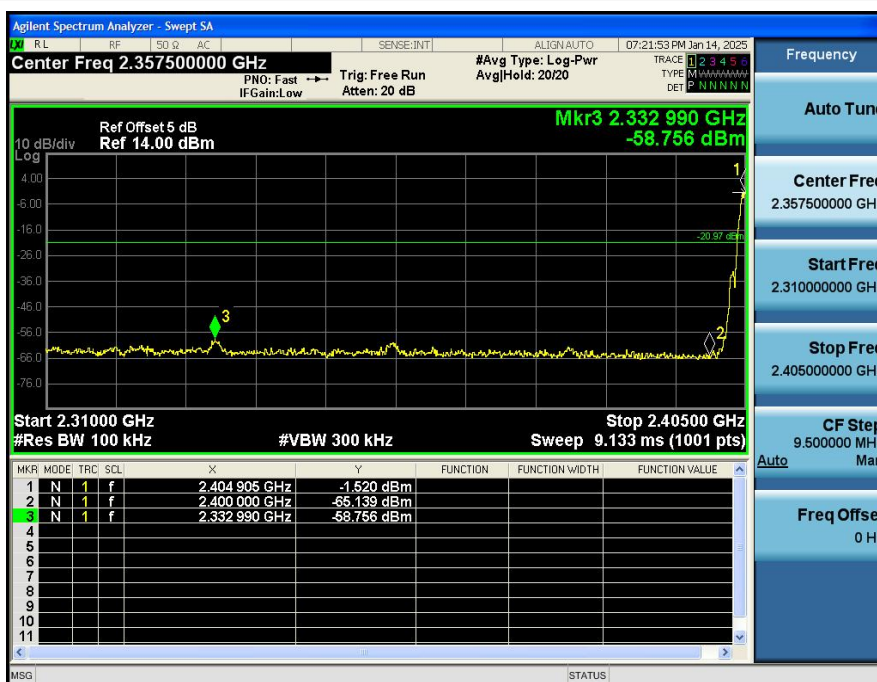
Appendix F: Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq (MHz)	Ref_level (dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	ZigBee	2405.00	2332.990	-0.973	-58.756	-20.973	Pass
NVNT	ANT1	ZigBee	2480.00	2496.225	-2.185	-61.986	-22.185	Pass

1_Reference_Level_NVNT_ANT1_2Mbps_2405



2_Bandedge_NVNT_ANT1_2Mbps_2405



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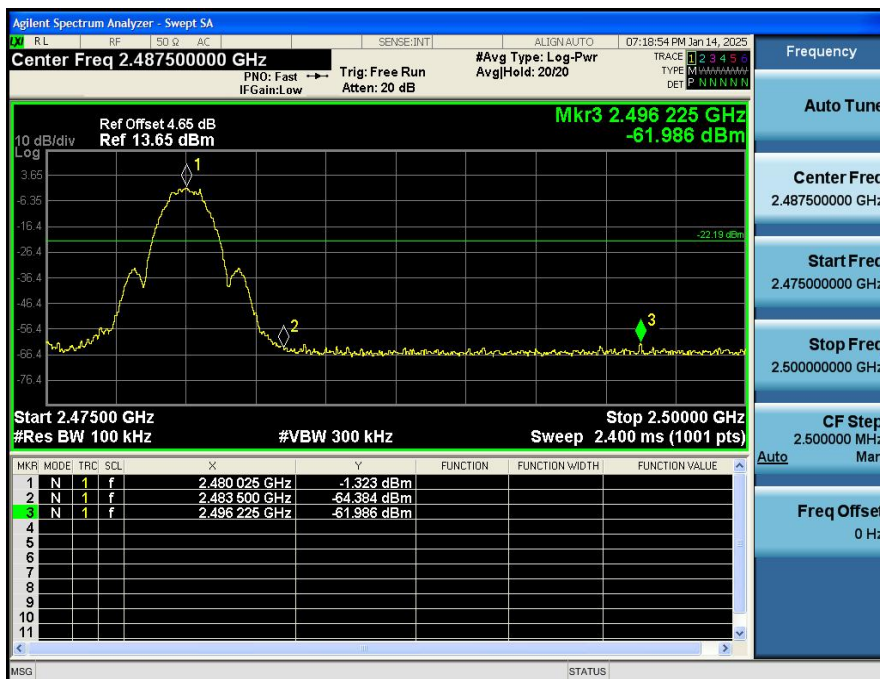
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1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



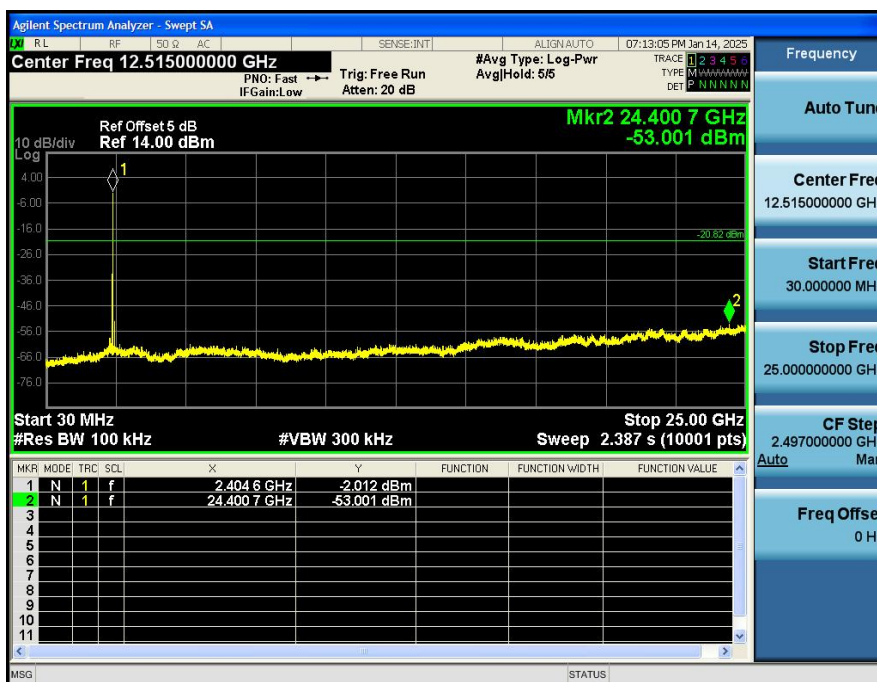
Appendix G: Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level (dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	ZigBee	2405.00	-0.823	-53.001	-20.823	Pass
NVNT	ANT1	ZigBee	2440.00	-1.681	-52.403	-21.681	Pass
NVNT	ANT1	ZigBee	2480.00	-2.185	-52.846	-22.185	Pass

1_Reference_Level_NVNT_ANT1_2Mbps_2405



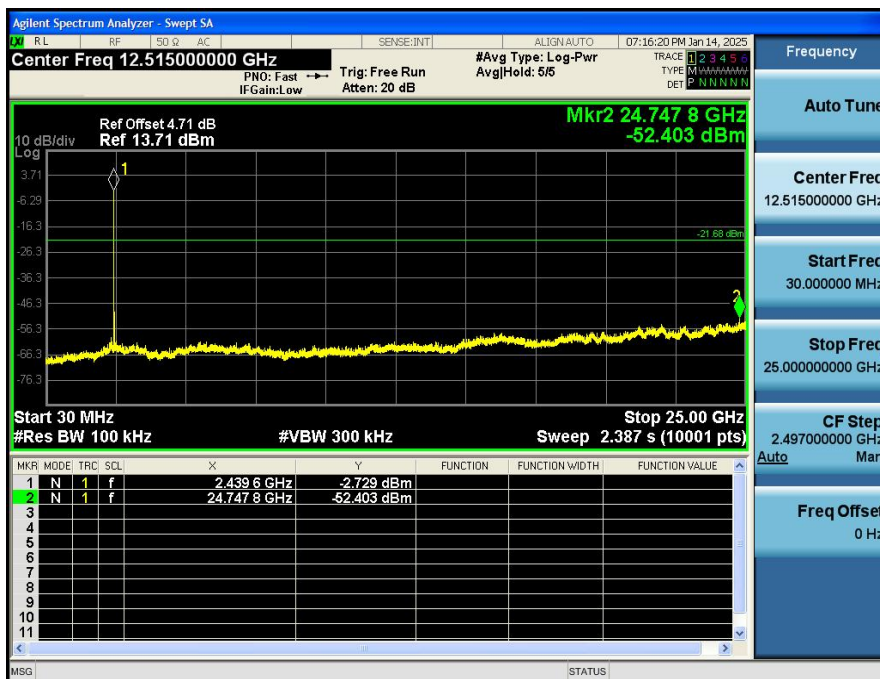
2_Spurious_Emission_NVNT_ANT1_2Mbps_2405



1_Reference_Level_NVNT_ANT1_2Mbps_2440



2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



1_Reference_Level_NVNT_ANT1_2Mbps_2480

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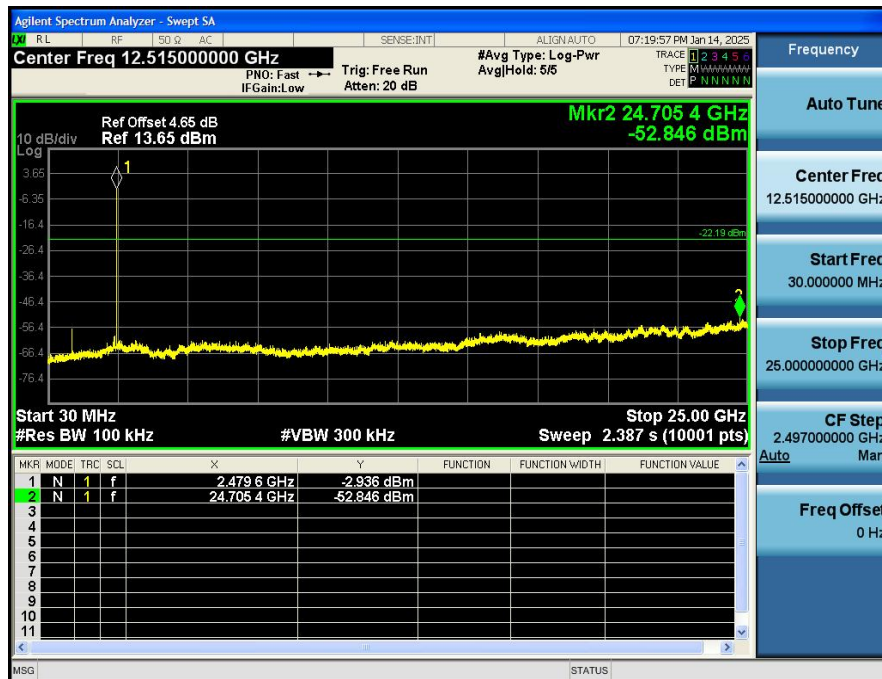


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2_Spurious_Emission_NVNT_ANT1_2Mbps_2480



---END---

