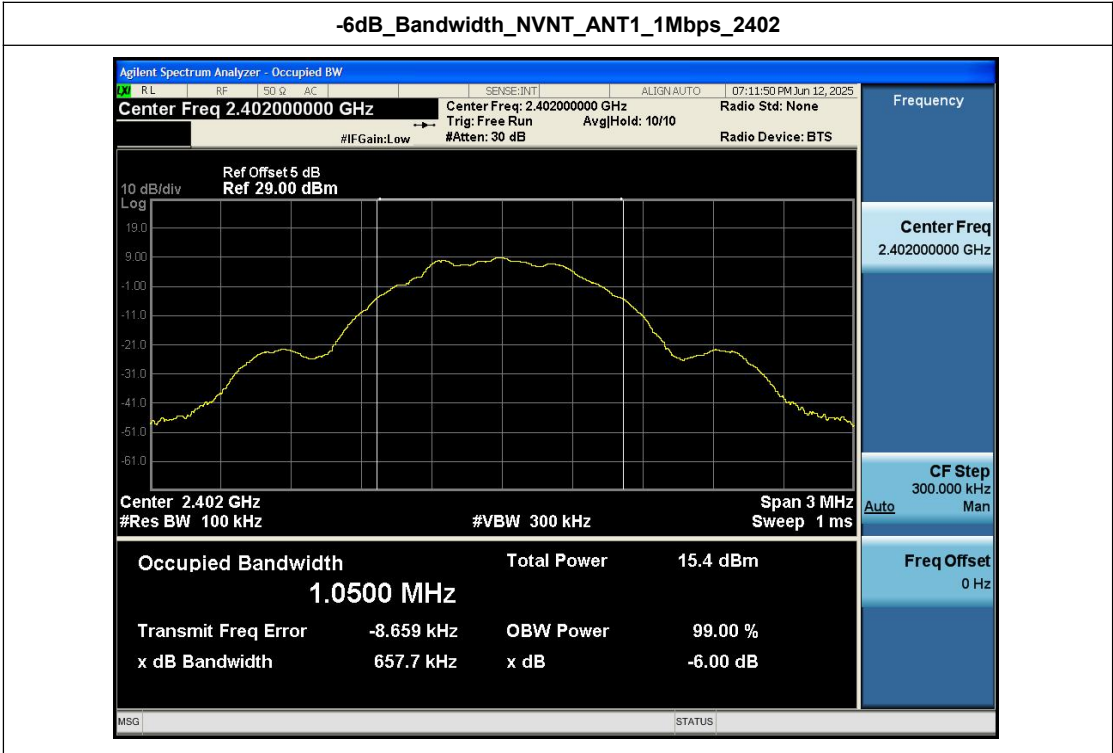


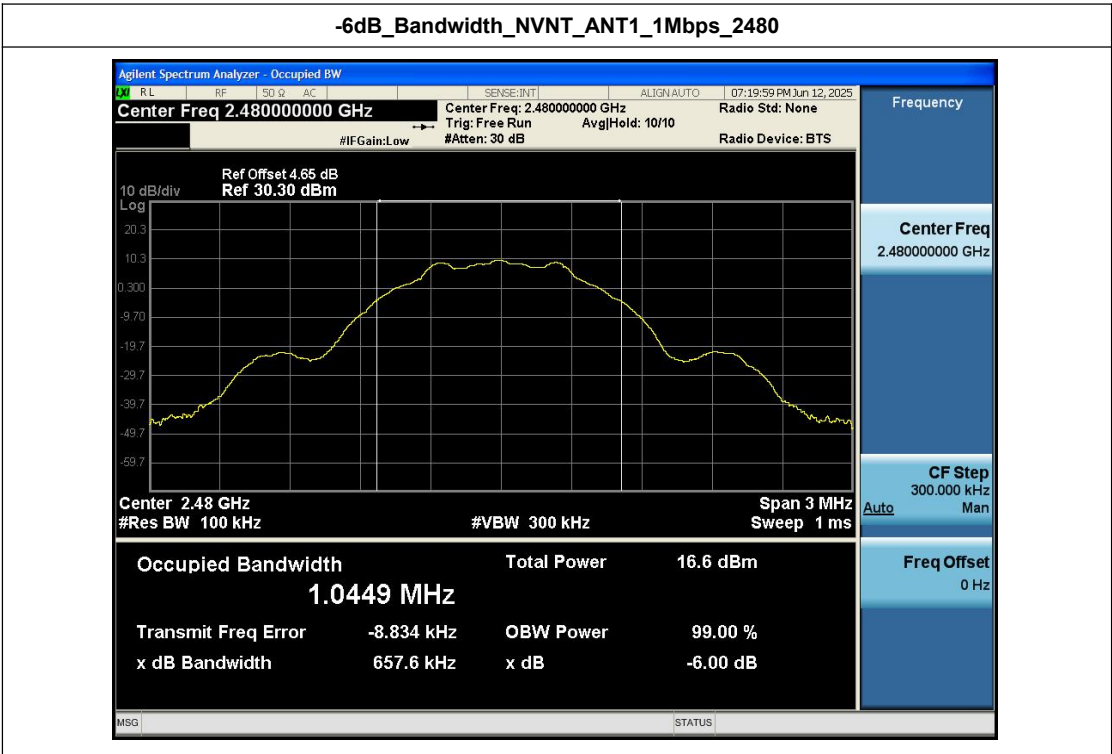
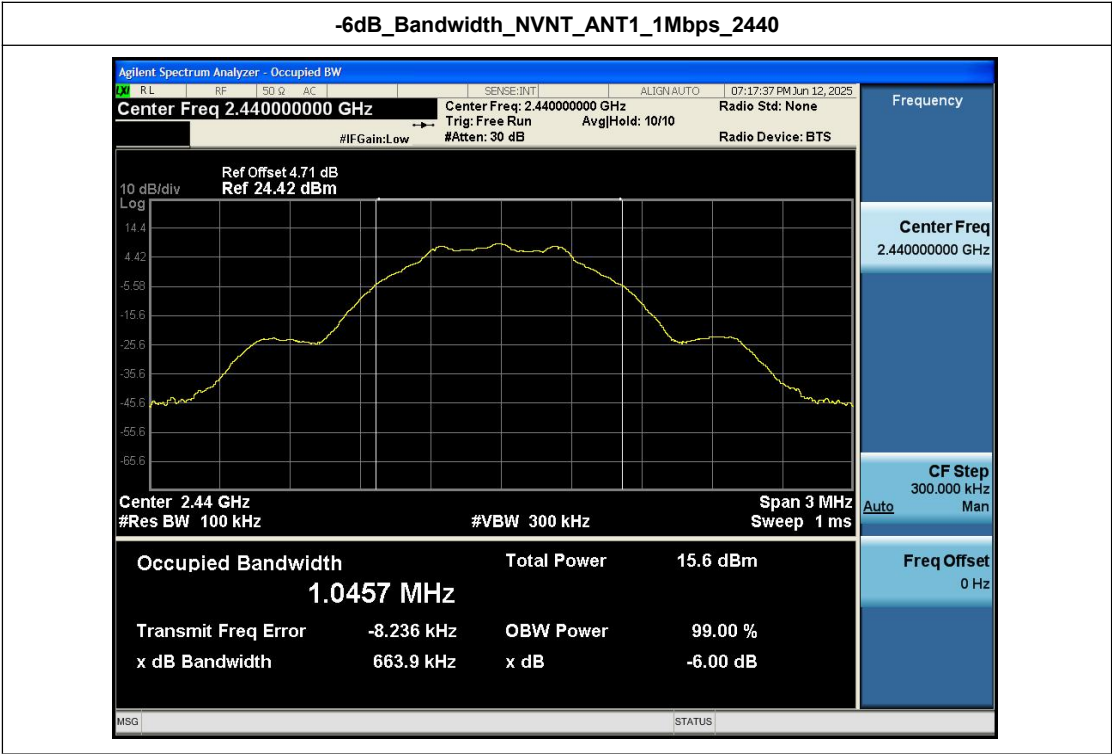
Appendix Test Data

Report No.:	1812C50278212501	Test Sample No.:	1-2-2
Start Test Date:	2025-06-09	Finish Test Date:	2025-06-13
Test Engineer:	<i>Liangfei Yang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.5℃	Relative Humidity:	63%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

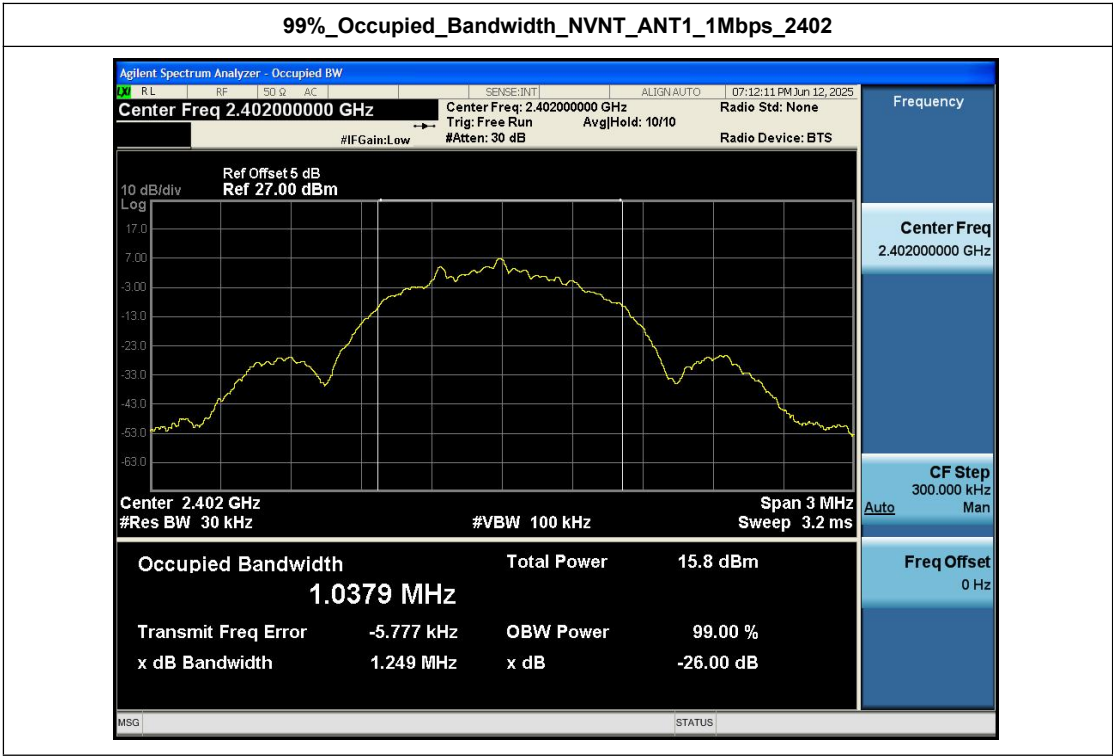
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	657.72	500	Pass
NVNT	ANT1	1Mbps	2440.00	663.86	500	Pass
NVNT	ANT1	1Mbps	2480.00	657.62	500	Pass

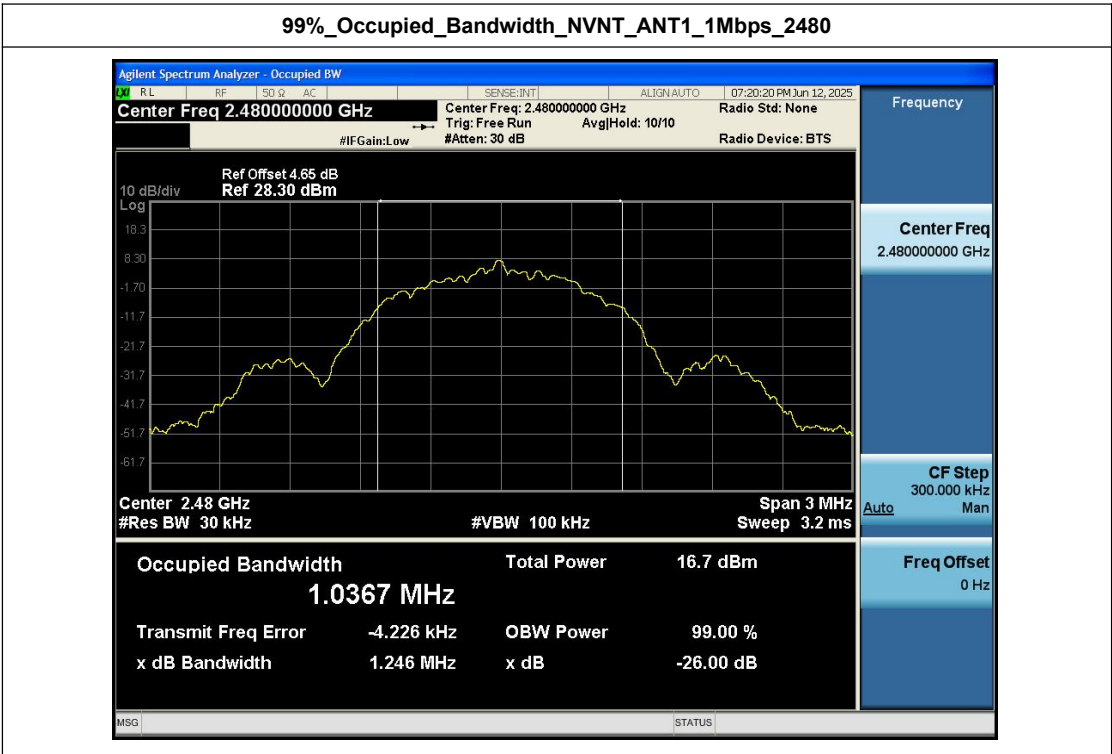
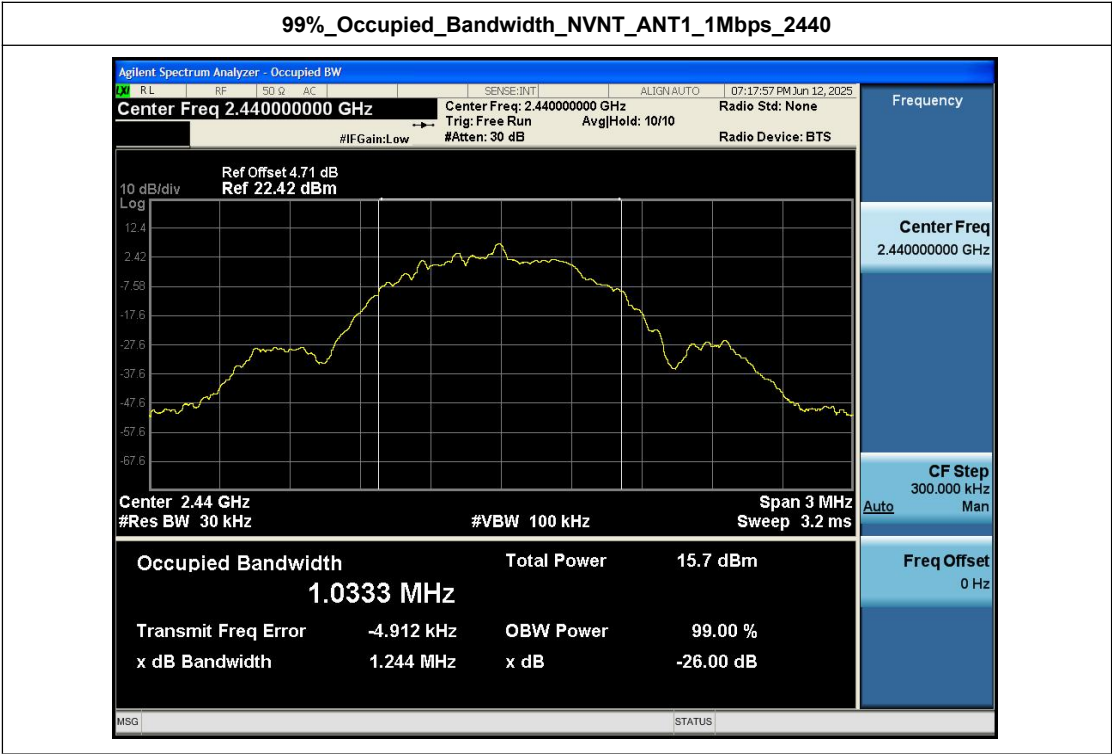




Appendix B: 99% Occupied Bandwidth

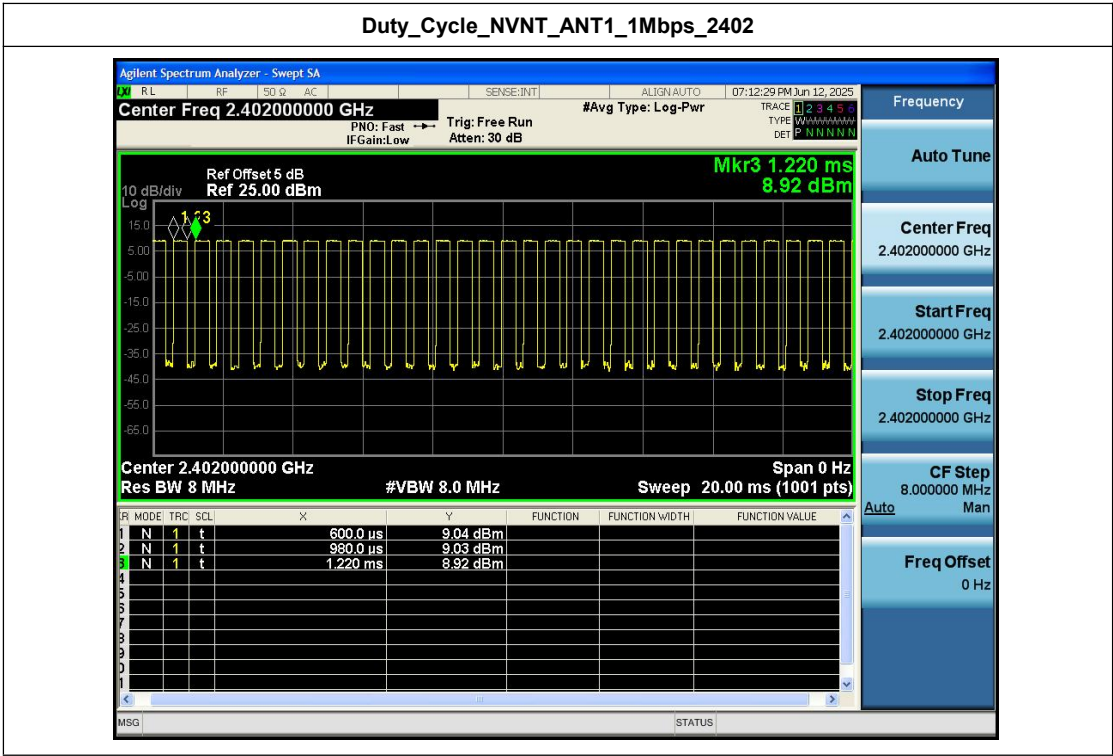
Condition	Antenna	Rate	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.038
NVNT	ANT1	1Mbps	2440.00	1.033
NVNT	ANT1	1Mbps	2480.00	1.037

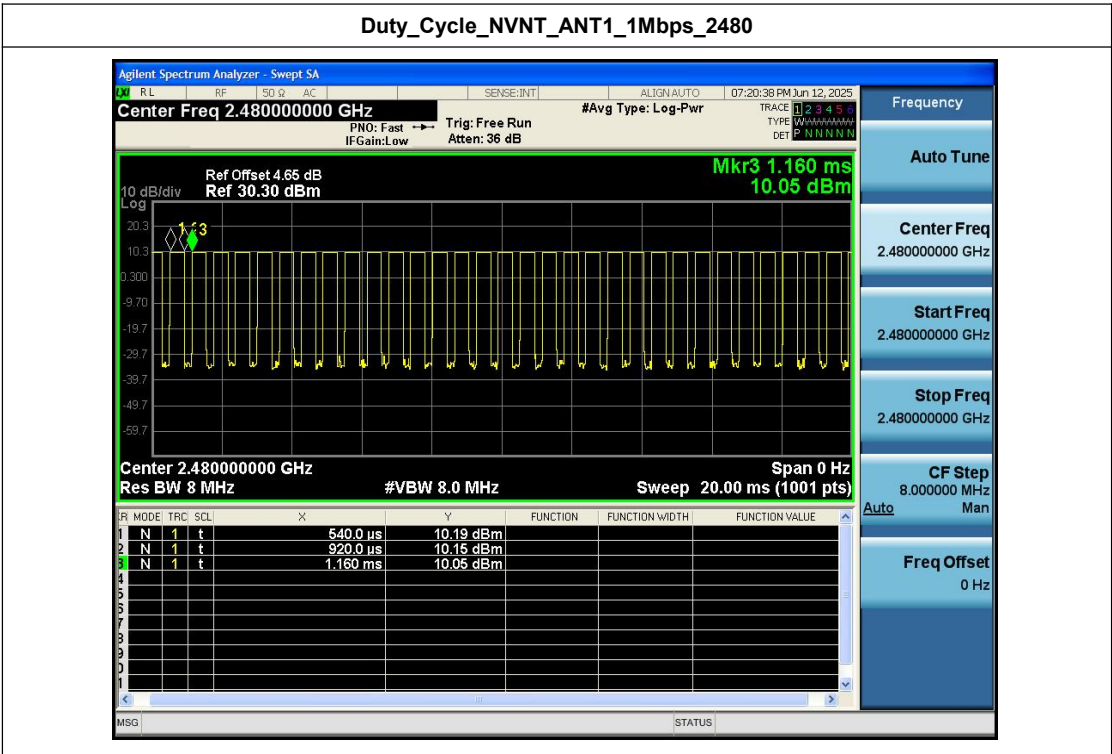
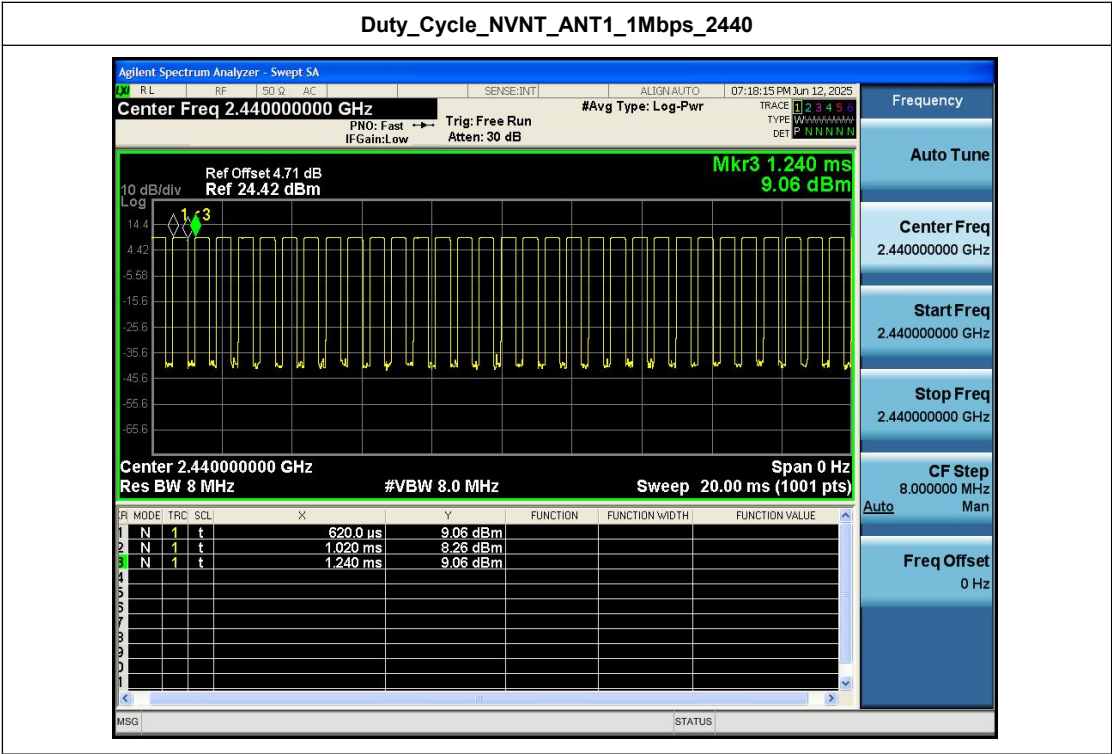




Appendix C: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	64.52	1.90
NVNT	ANT1	1Mbps	2440.00	67.74	1.69
NVNT	ANT1	1Mbps	2480.00	64.52	1.90





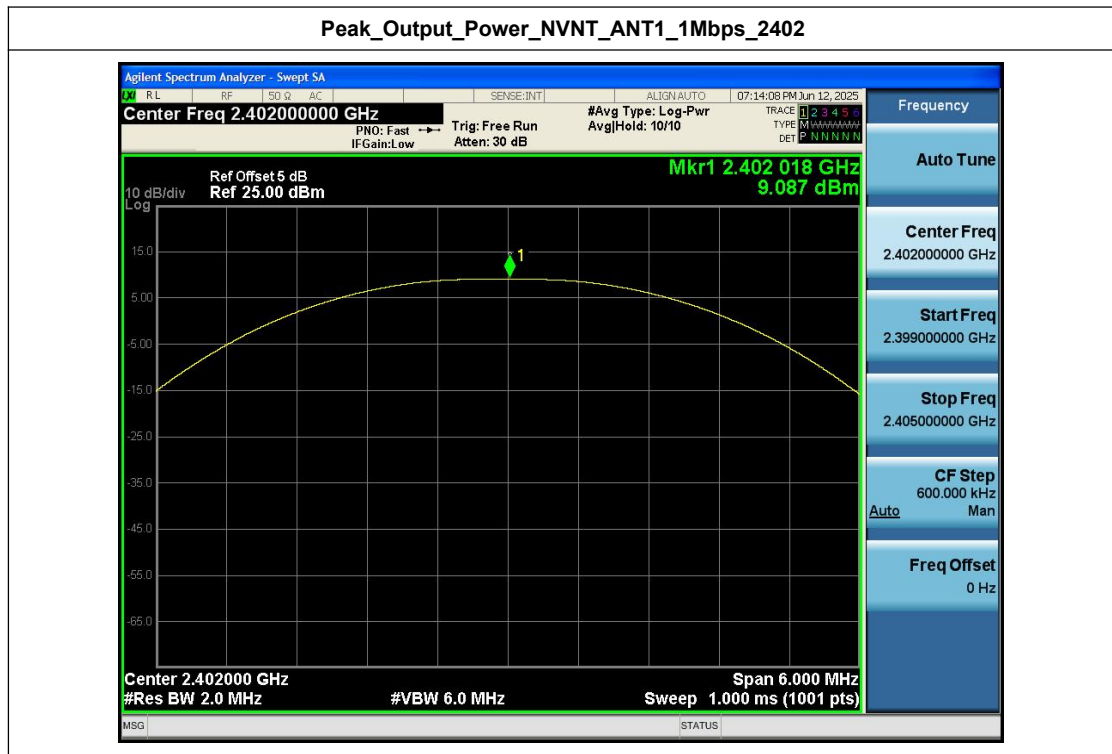
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Appendix D: Peak Output Power

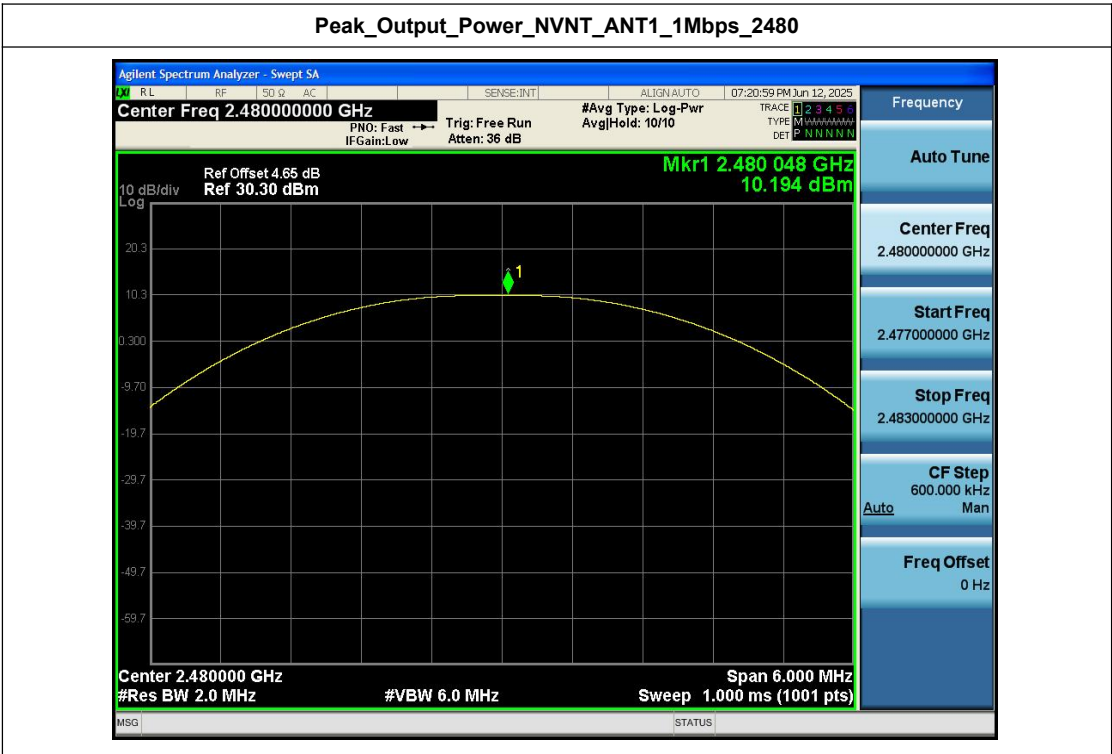
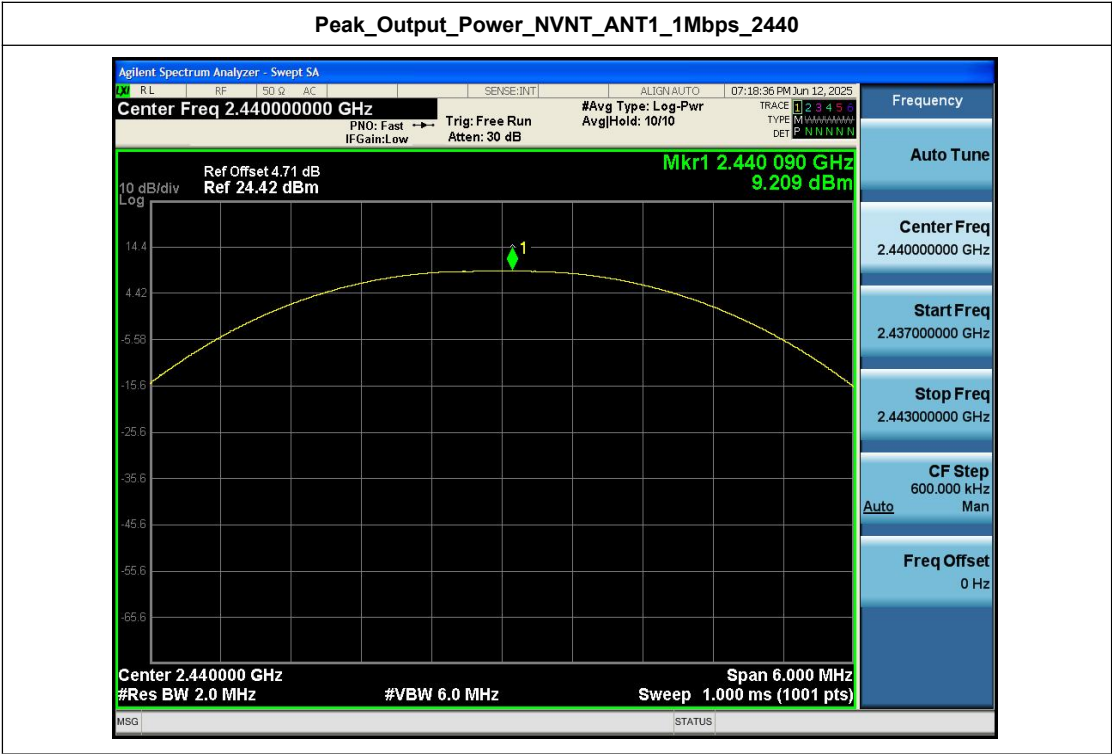
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	9.09	8.10	1000	Pass
NVNT	ANT1	1Mbps	2440.00	9.21	8.33	1000	Pass
NVNT	ANT1	1Mbps	2480.00	10.19	10.46	1000	Pass



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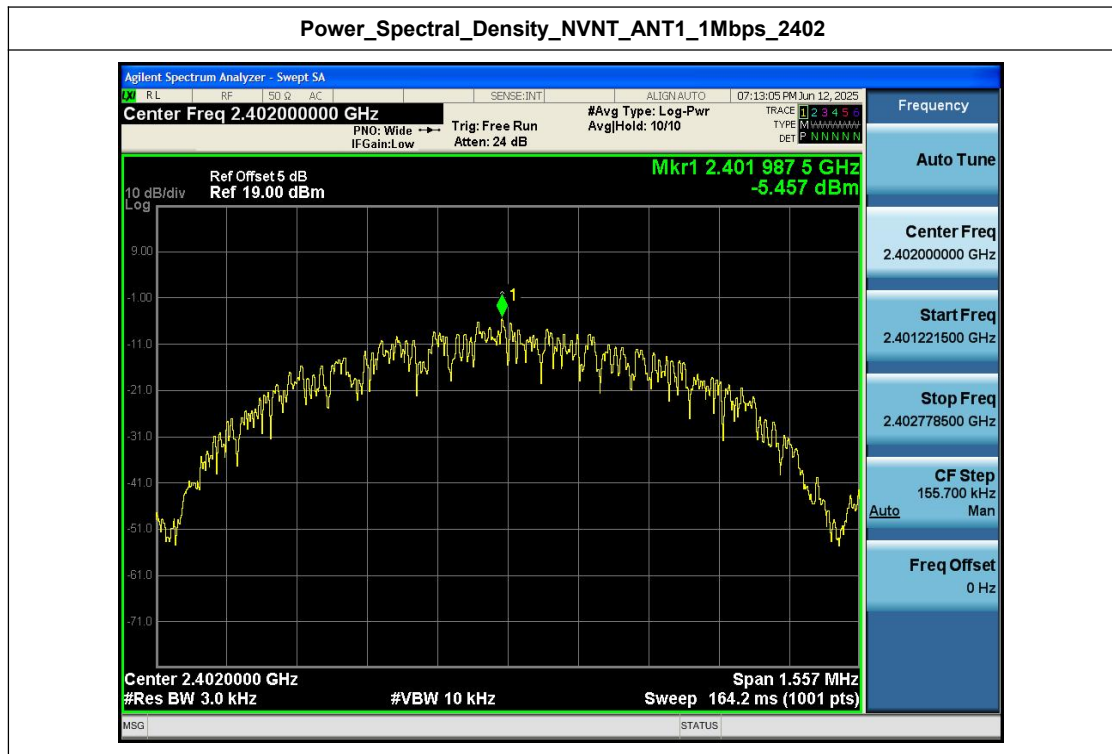
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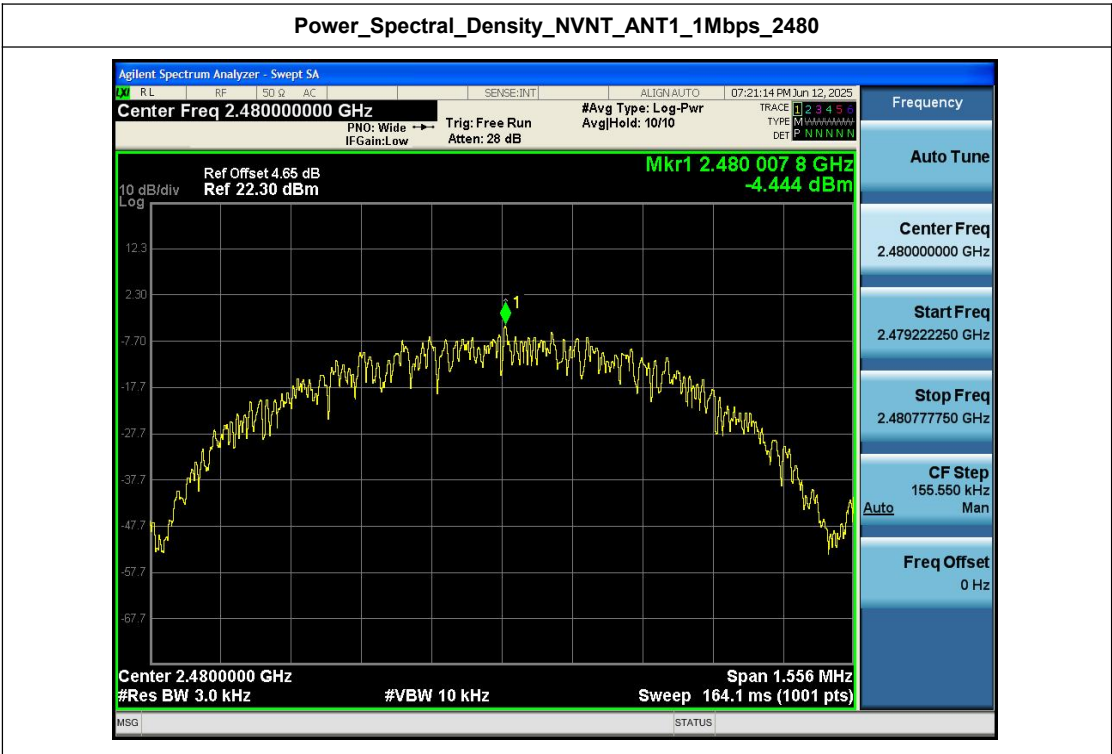
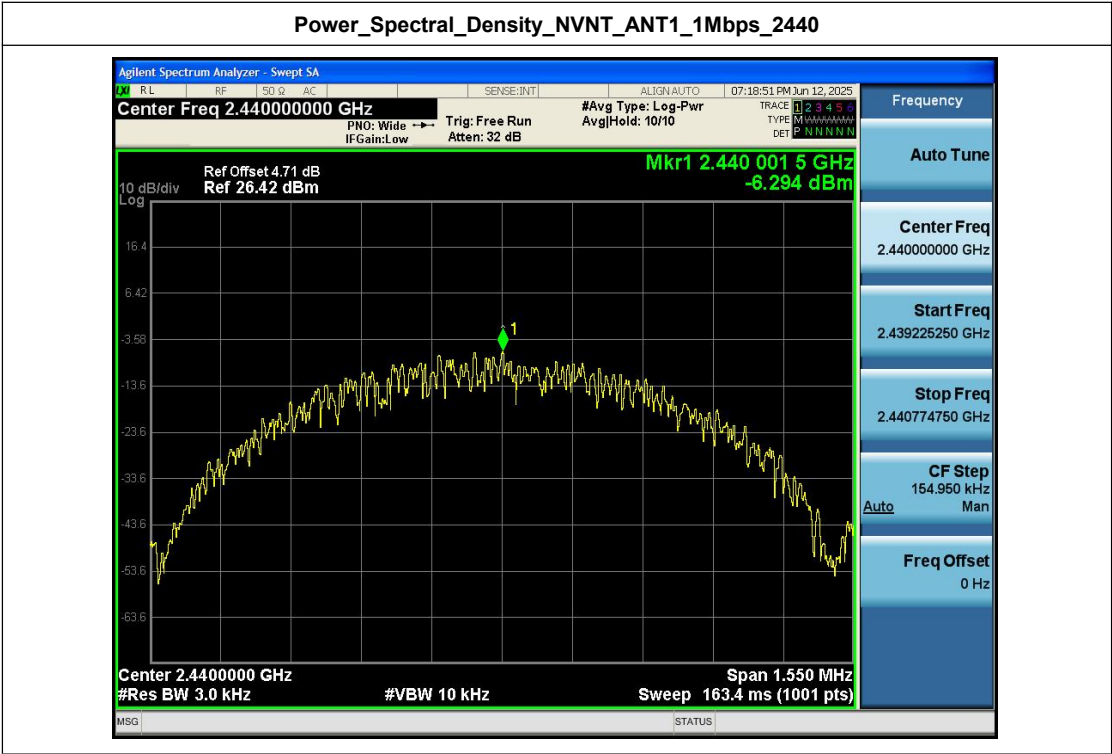
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Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-5.46	8	Pass
NVNT	ANT1	1Mbps	2440.00	-6.29	8	Pass
NVNT	ANT1	1Mbps	2480.00	-4.44	8	Pass





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Appendix F: Bandedge

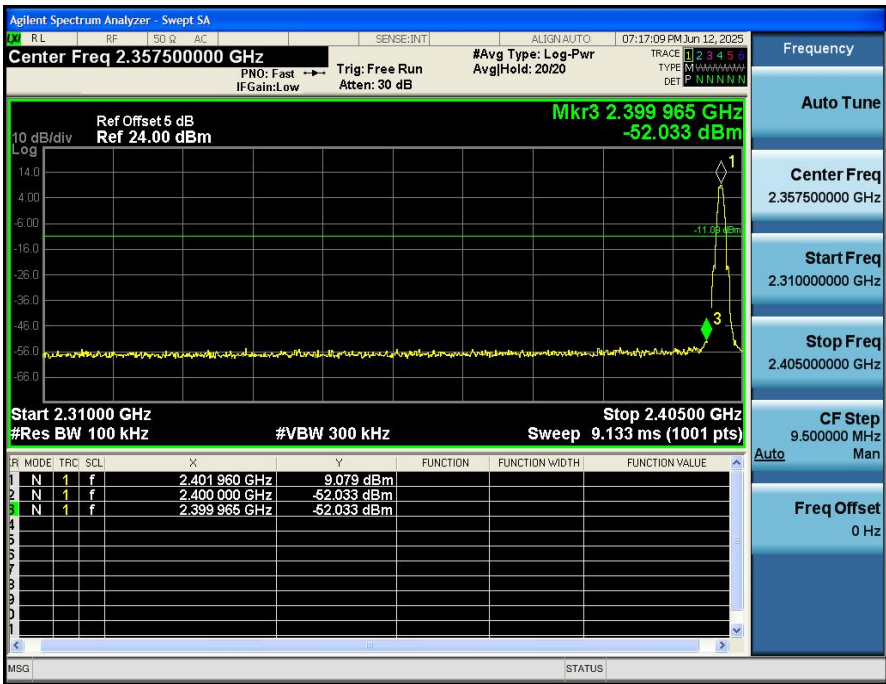
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	8.906	-52.033	-11.094	Pass
NVNT	ANT1	1Mbps	2480.00	2498.850	10.034	-52.248	-9.966	Pass

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Bandedge_NVNT_ANT1_1Mbps_2402



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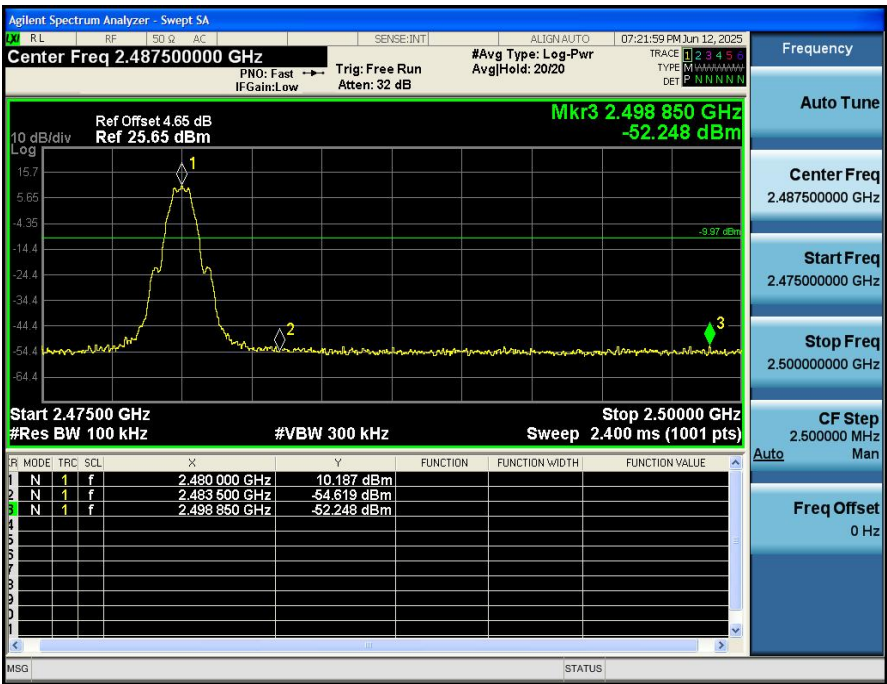
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1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480



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Appendix G: Spurious Emission

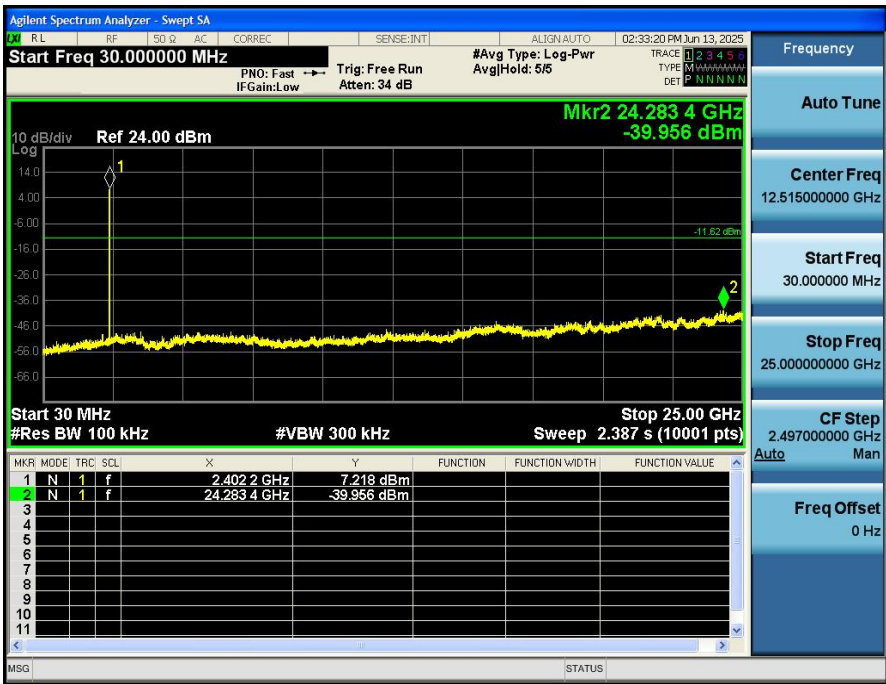
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	8.383	-39.956	-11.617	Pass
NVNT	ANT1	1Mbps	2440.00	9.182	-35.395	-10.818	Pass
NVNT	ANT1	1Mbps	2480.00	10.104	-38.047	-9.896	Pass

Note: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



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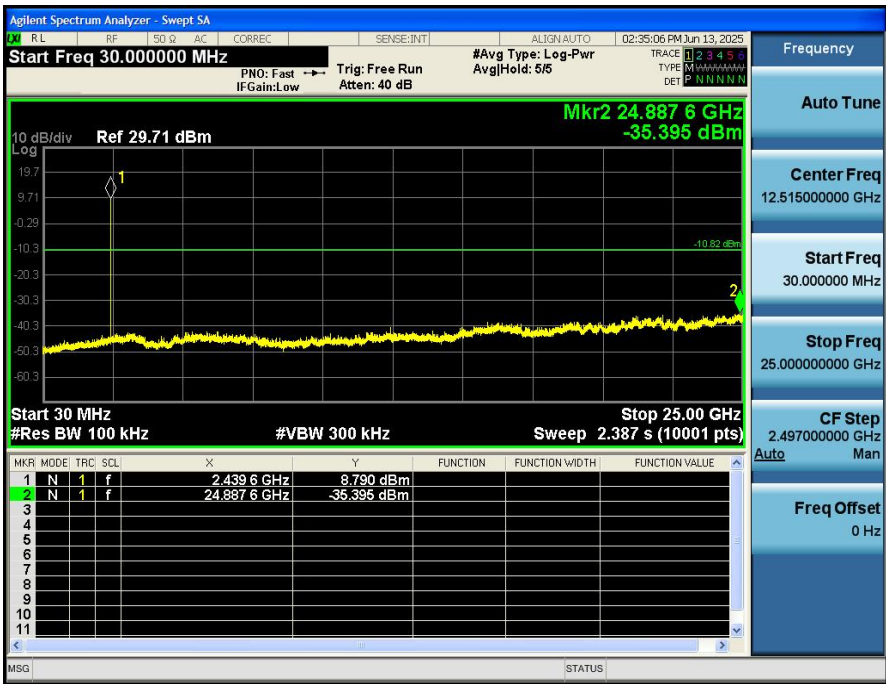
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1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



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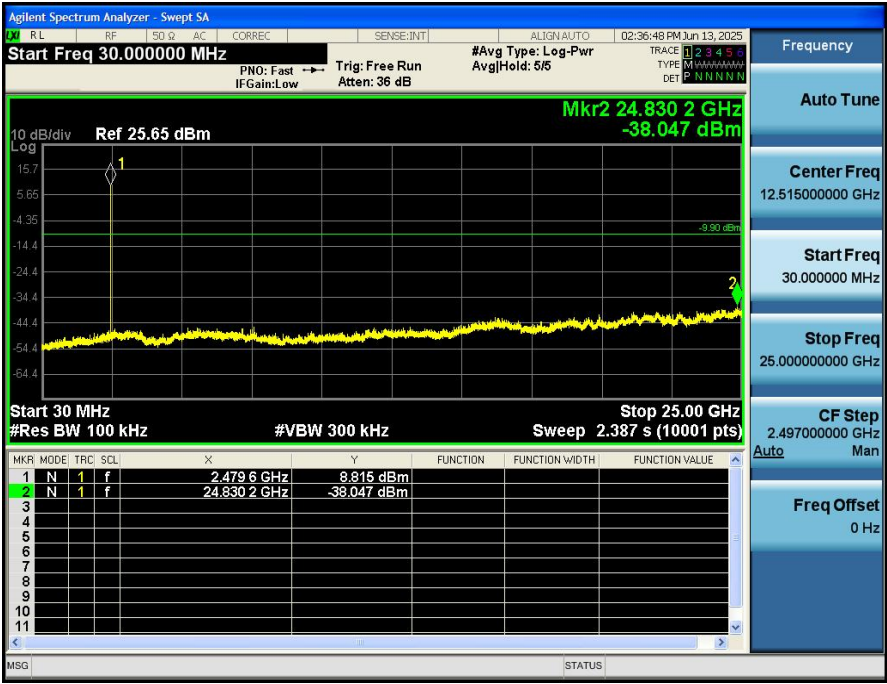
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1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480



---END---

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