

Appendix Test Data

Report No.:	182512C400563101	Test Sample No.:	1-2-2
Start Test Date:	2024.7.25	Finish Test Date:	2024.7.25
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5°C	Relative Humidity:	48%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	504.73	500	Pass
NVNT	ANT1	1Mbps	2440.00	511.85	500	Pass
NVNT	ANT1	1Mbps	2480.00	527.38	500	Pass
NVNT	ANT1	2Mbps	2402.00	869.36	500	Pass
NVNT	ANT1	2Mbps	2440.00	864.68	500	Pass
NVNT	ANT1	2Mbps	2480.00	845.30	500	Pass



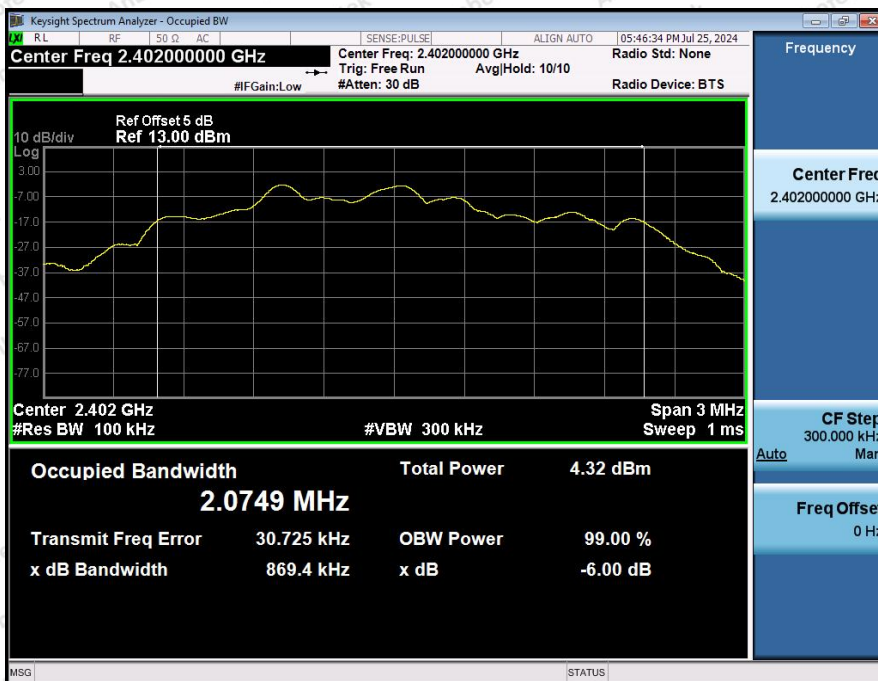
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2402**-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440****Shenzhen Anbotek Compliance Laboratory Limited**

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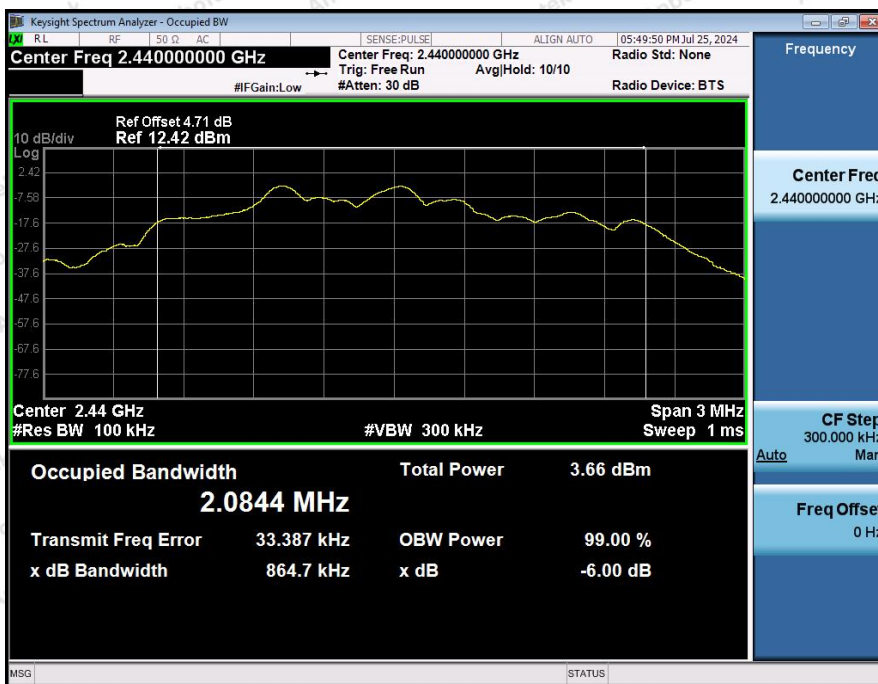
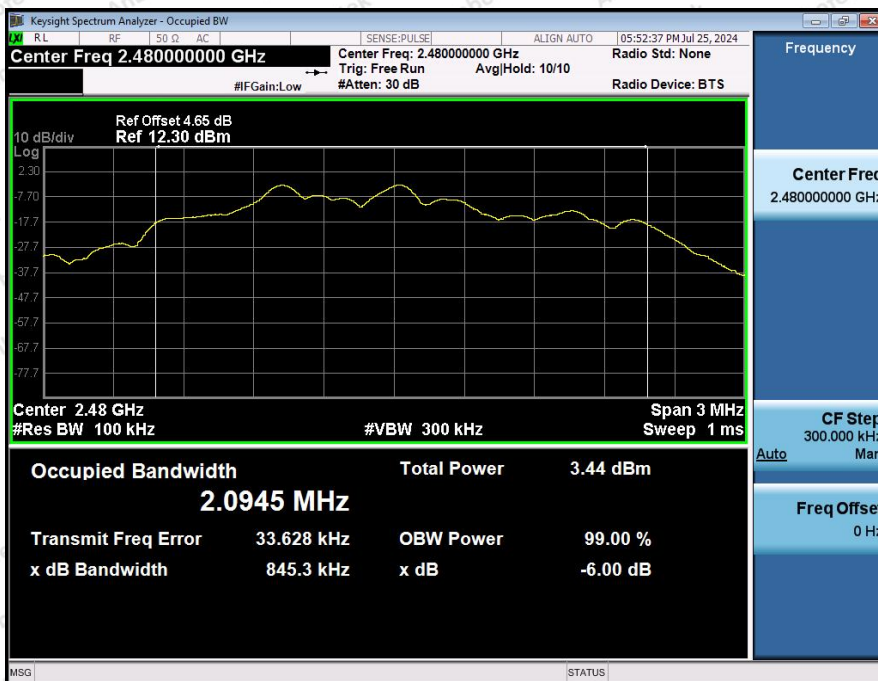
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480**-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402****Shenzhen Anbotek Compliance Laboratory Limited**

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-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440**-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480****Shenzhen Anbotek Compliance Laboratory Limited**

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Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.065
NVNT	ANT1	1Mbps	2440.00	1.108
NVNT	ANT1	1Mbps	2480.00	1.146
NVNT	ANT1	2Mbps	2402.00	2.041
NVNT	ANT1	2Mbps	2440.00	2.045
NVNT	ANT1	2Mbps	2480.00	2.066

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99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402



99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440



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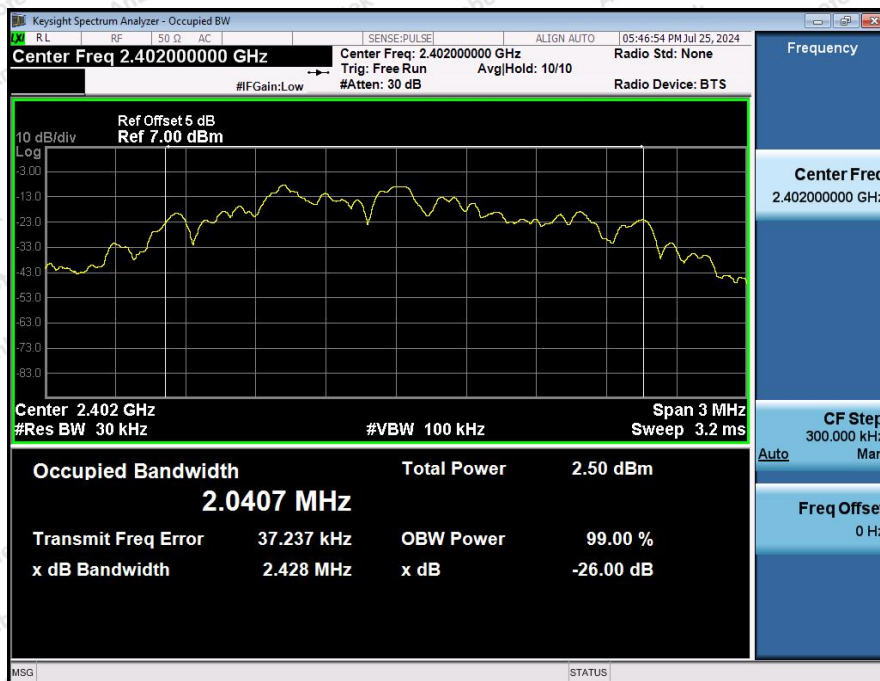
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99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2480



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2402



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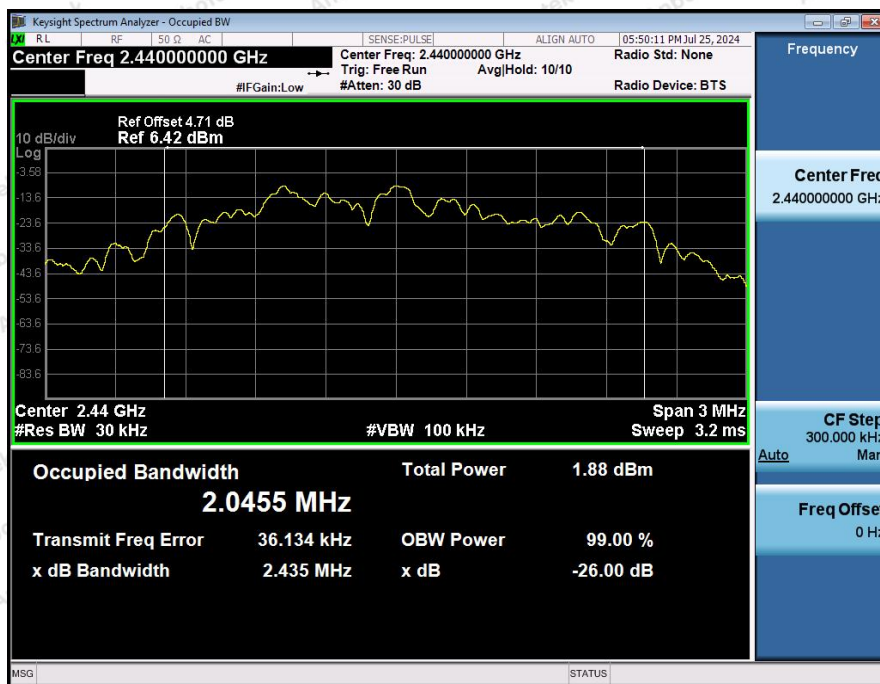
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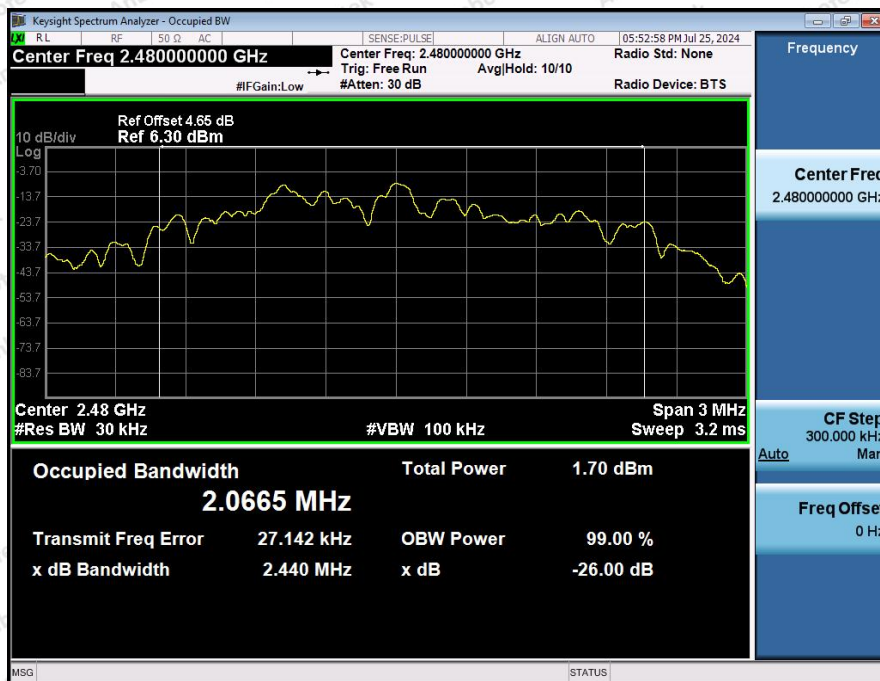
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99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480



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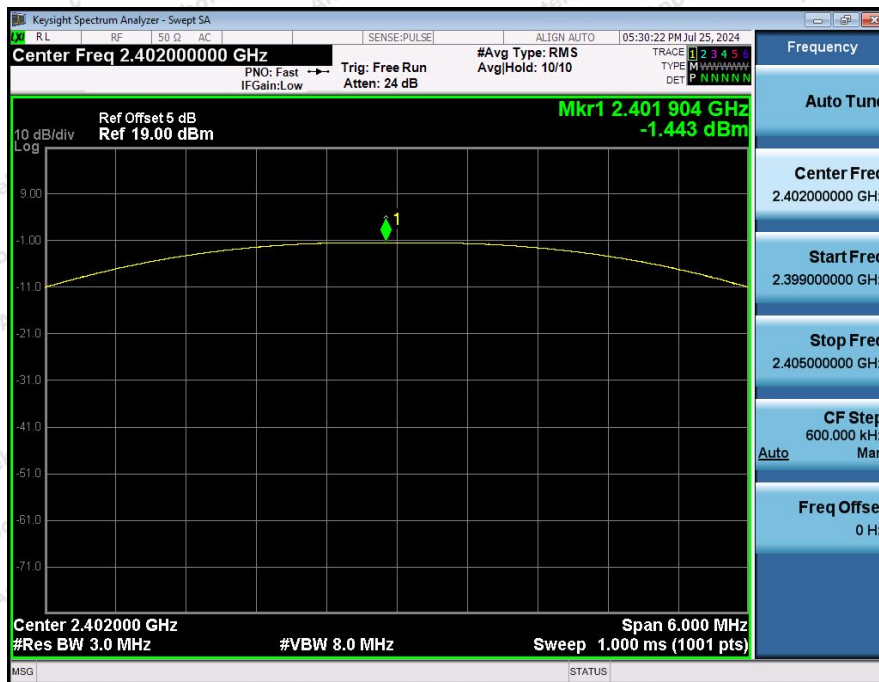


Appendix C: Peak Output Power

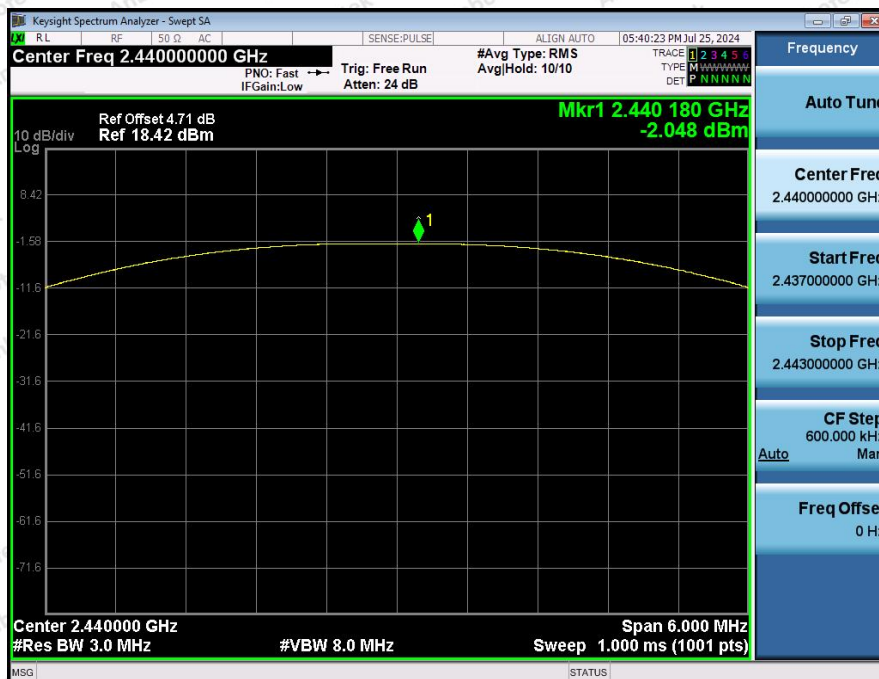
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-1.44	0.72	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-2.05	0.62	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-2.26	0.59	1000	Pass
NVNT	ANT1	2Mbps	2402.00	-1.35	0.73	1000	Pass
NVNT	ANT1	2Mbps	2440.00	-2.05	0.62	1000	Pass
NVNT	ANT1	2Mbps	2480.00	-2.25	0.60	1000	Pass



Peak_Output_Power_NVNT_ANT1_1Mbps_2402



Peak_Output_Power_NVNT_ANT1_1Mbps_2440



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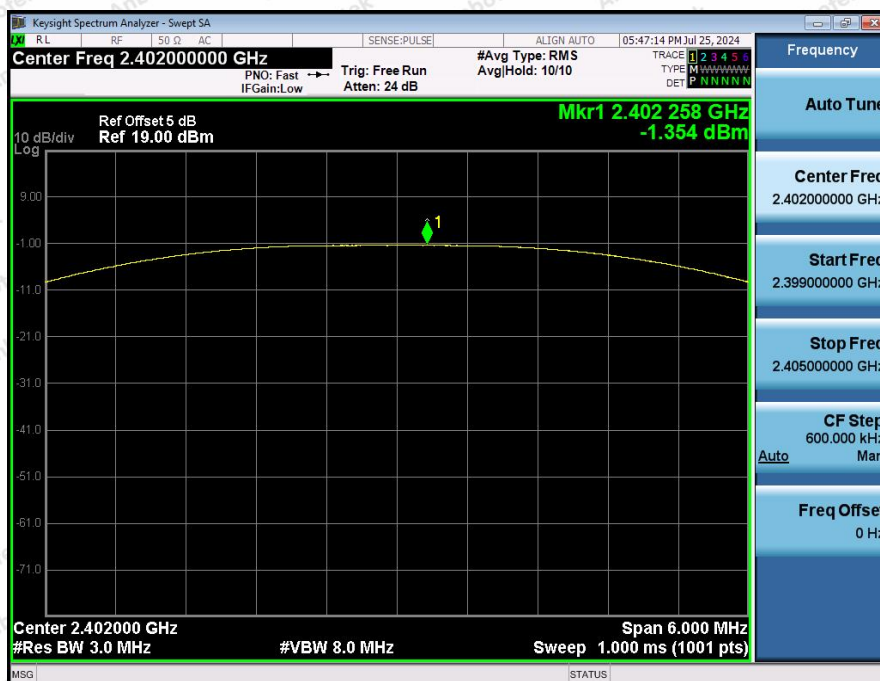
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Peak_Output_Power_NVNT_ANT1_1Mbps_2480



Peak_Output_Power_NVNT_ANT1_2Mbps_2402



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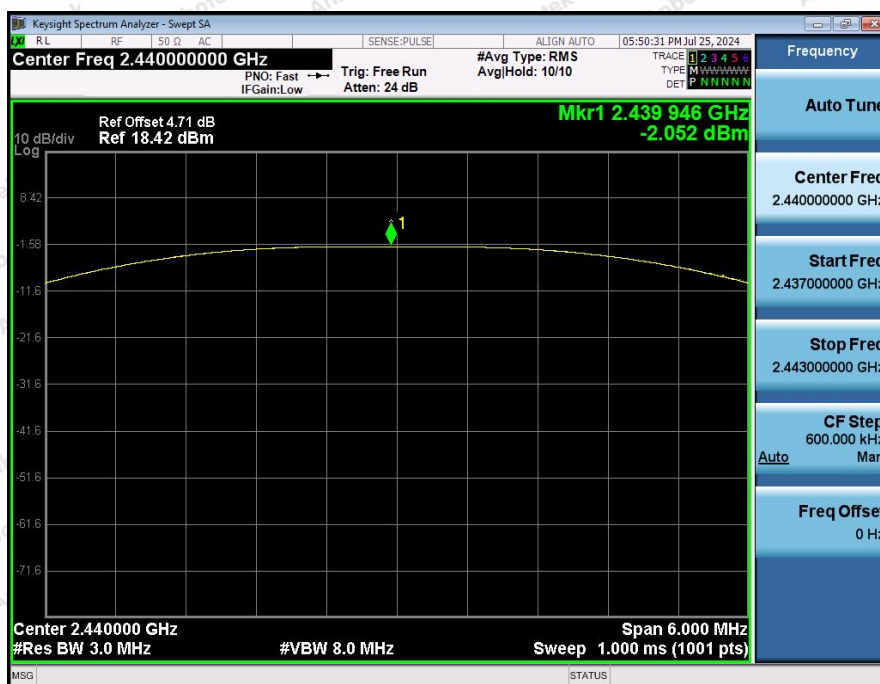
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Peak_Output_Power_NVNT_ANT1_2Mbps_2440



Peak_Output_Power_NVNT_ANT1_2Mbps_2480



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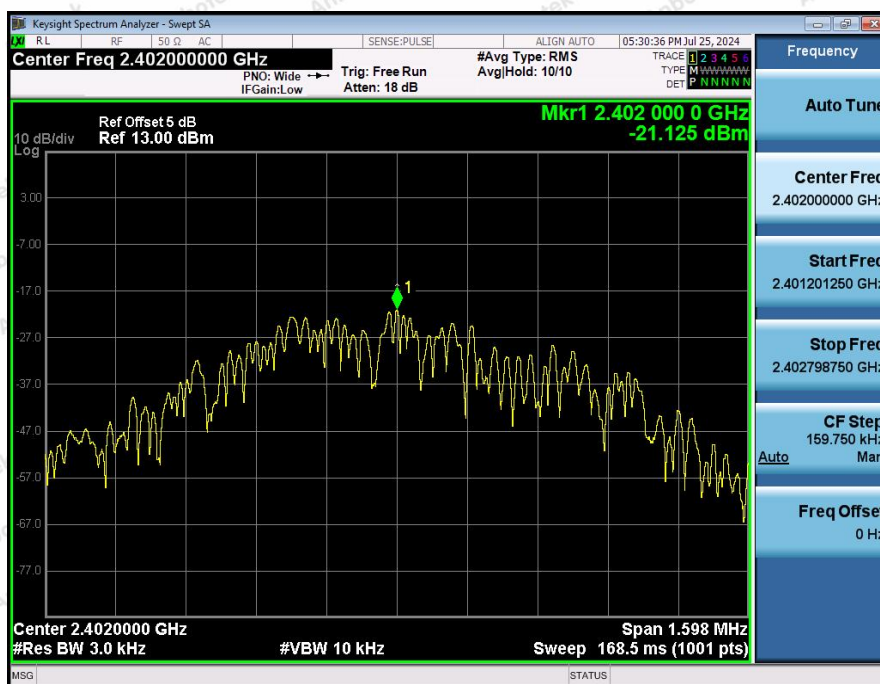


Appendix D: Power Spectral Density

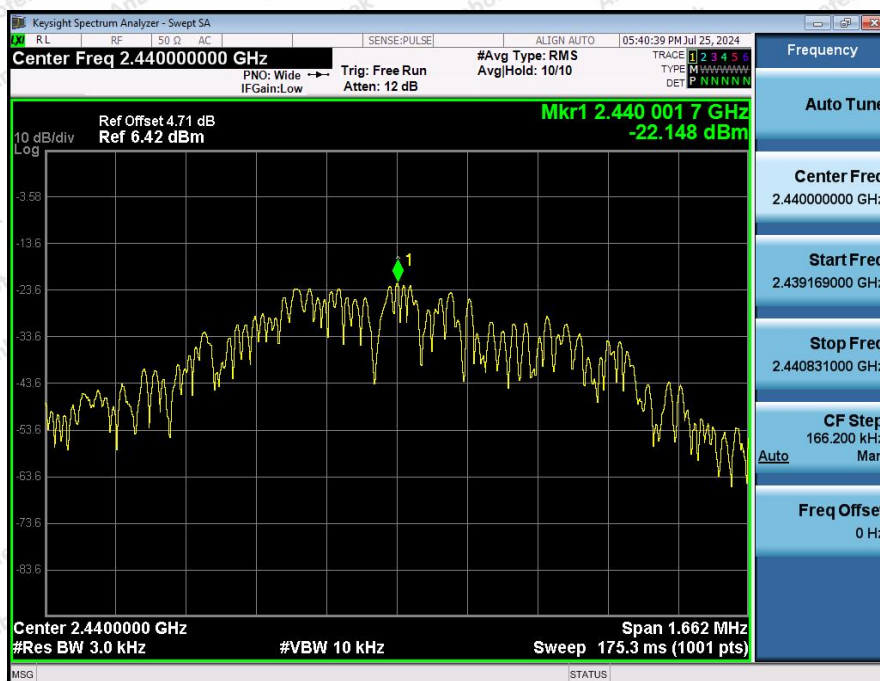
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-21.13	8	Pass
NVNT	ANT1	1Mbps	2440.00	-22.15	8	Pass
NVNT	ANT1	1Mbps	2480.00	-22.66	8	Pass
NVNT	ANT1	2Mbps	2402.00	-23.89	8	Pass
NVNT	ANT1	2Mbps	2440.00	-24.53	8	Pass
NVNT	ANT1	2Mbps	2480.00	-24.65	8	Pass



Power_Spectral_Density_NVNT_ANT1_1Mbps_2402



Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



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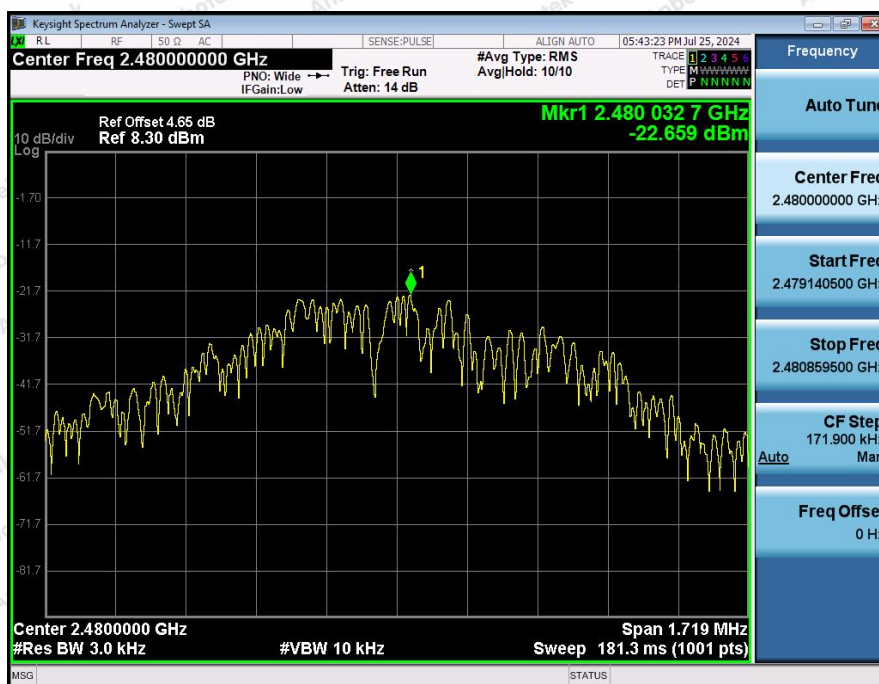
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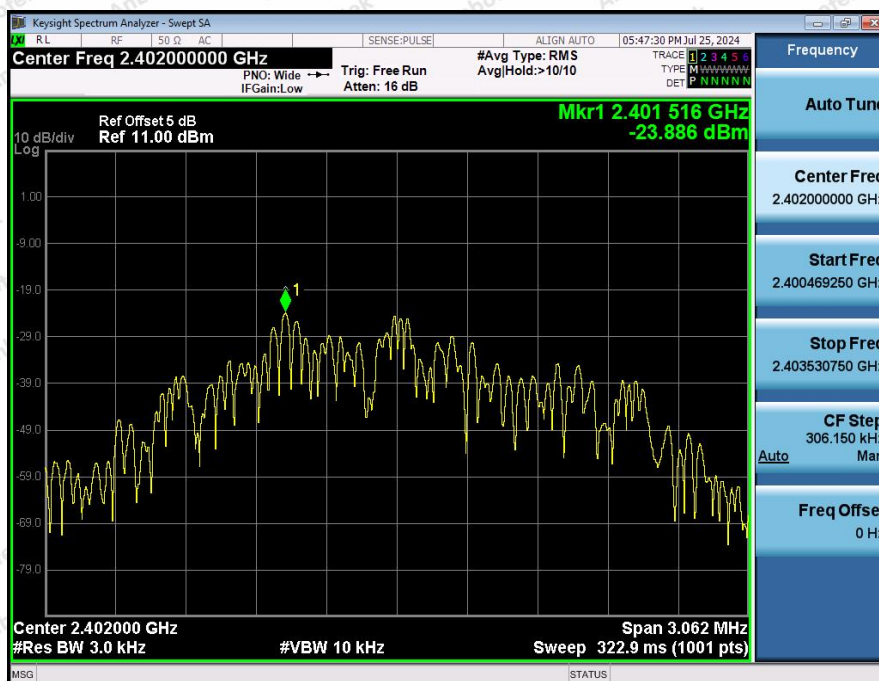
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Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



Power_Spectral_Density_NVNT_ANT1_2Mbps_2402



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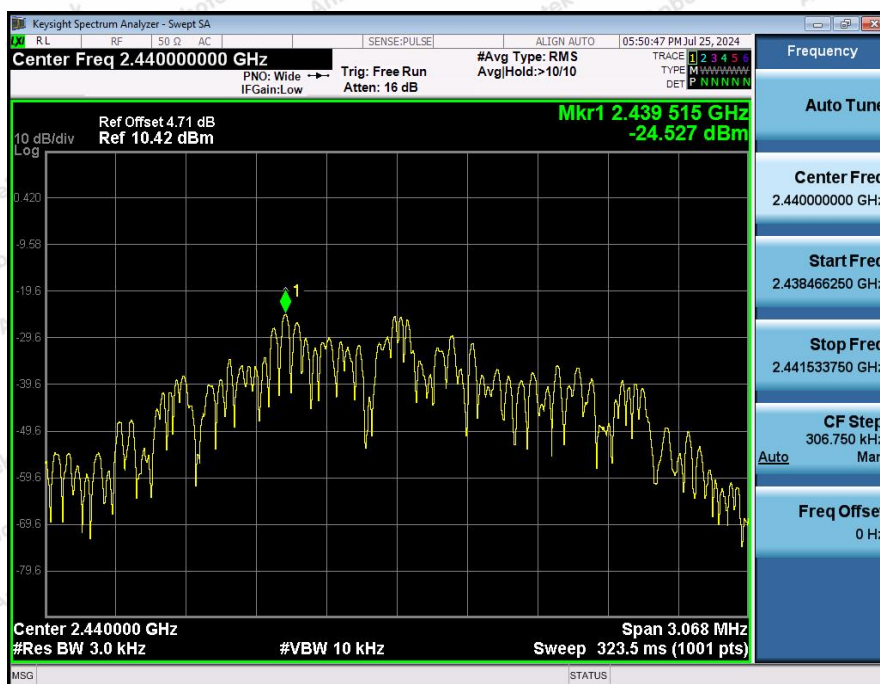
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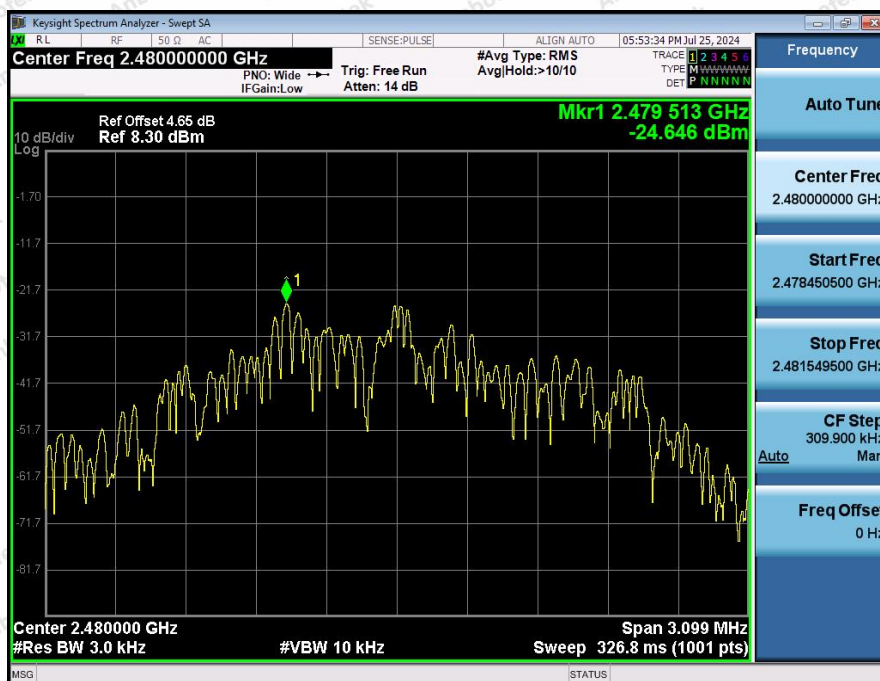
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Power_Spectral_Density_NVNT_ANT1_2Mbps_2440



Power_Spectral_Density_NVNT_ANT1_2Mbps_2480



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Appendix E: Bandedge

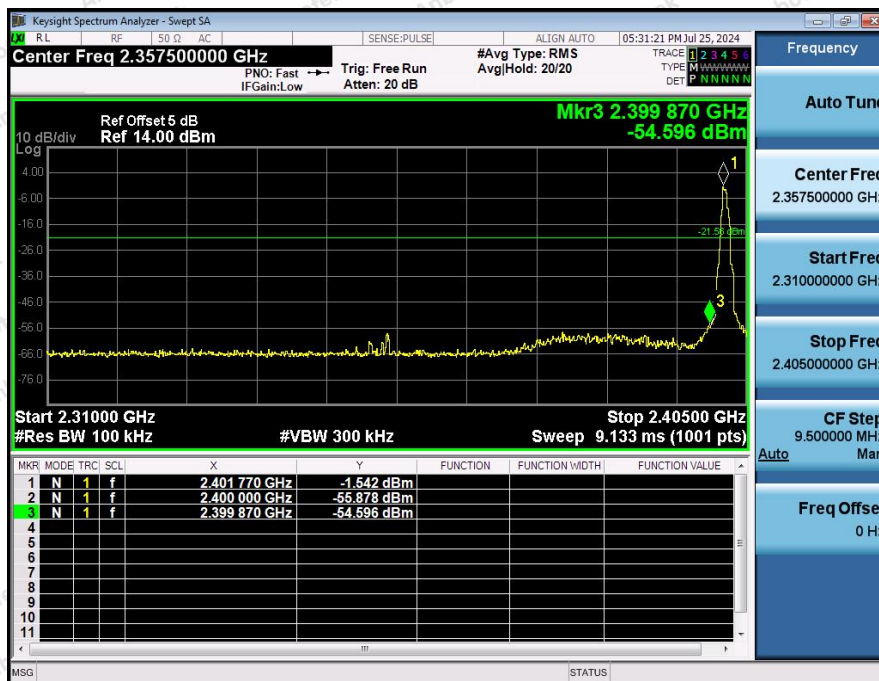
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.870	-54.596	-21.562	Pass
NVNT	ANT1	1Mbps	2480.00	2495.650	-60.101	-22.418	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	-35.736	-22.232	Pass
NVNT	ANT1	2Mbps	2480.00	2485.425	-53.308	-23.021	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Bandedge_NVNT_ANT1_1Mbps_2402



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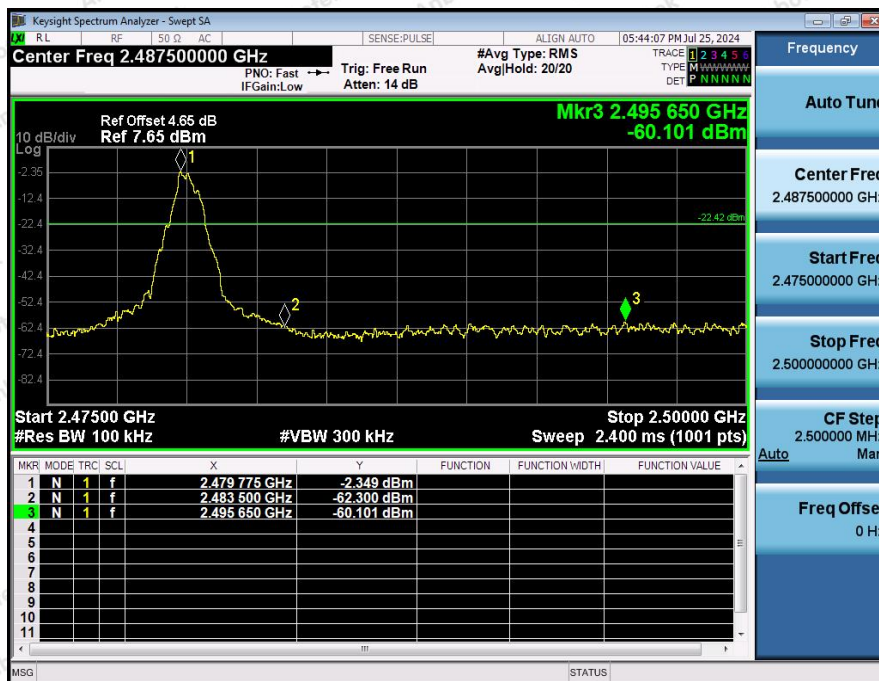
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1_Reference_Level_NVNT_ANT1_1Mbps_2480



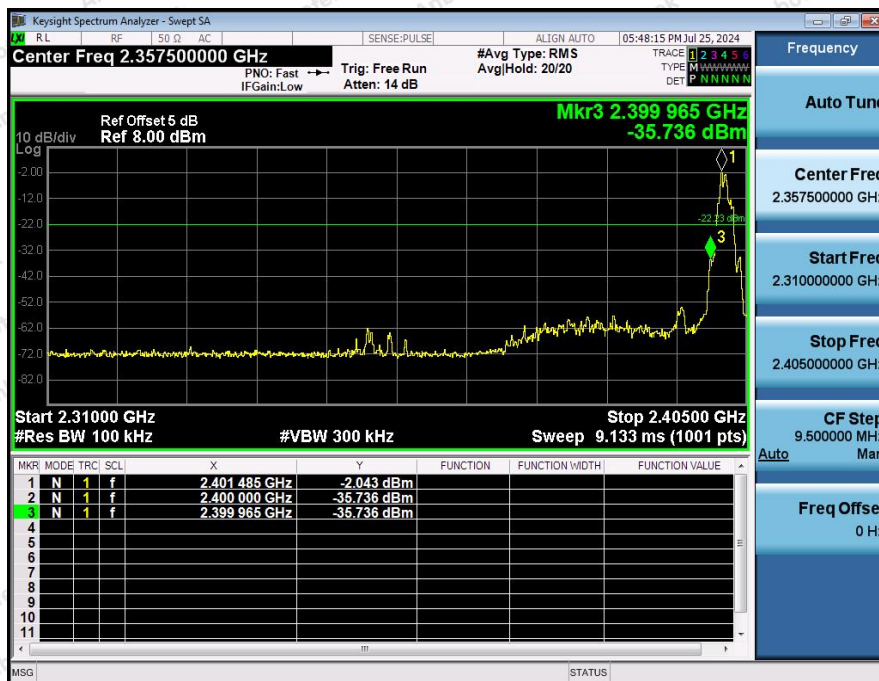
2_Bandedge_NVNT_ANT1_1Mbps_2480



1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Bandedge_NVNT_ANT1_2Mbps_2402



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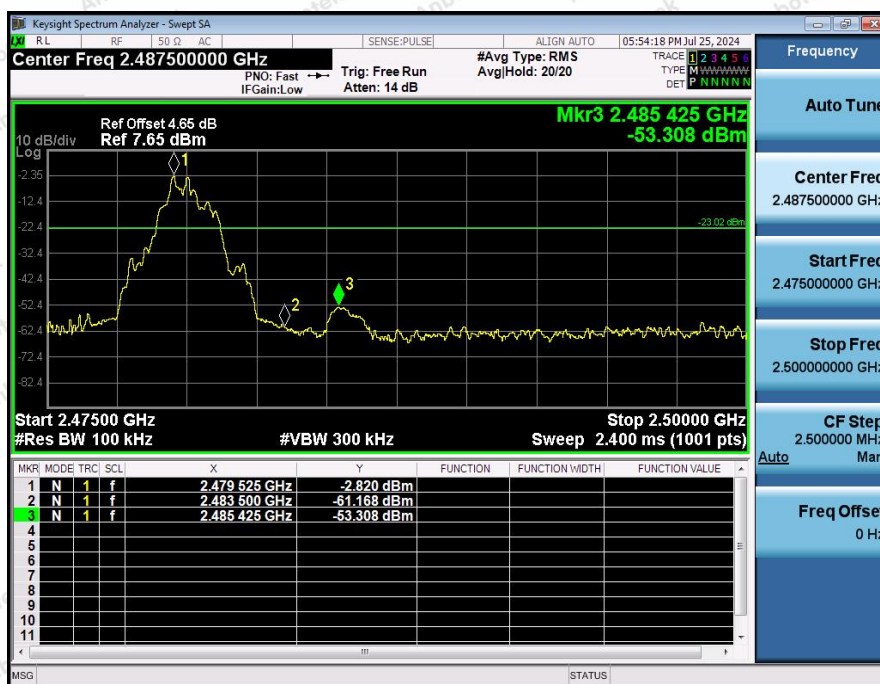
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1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



Appendix F: Spurious Emission

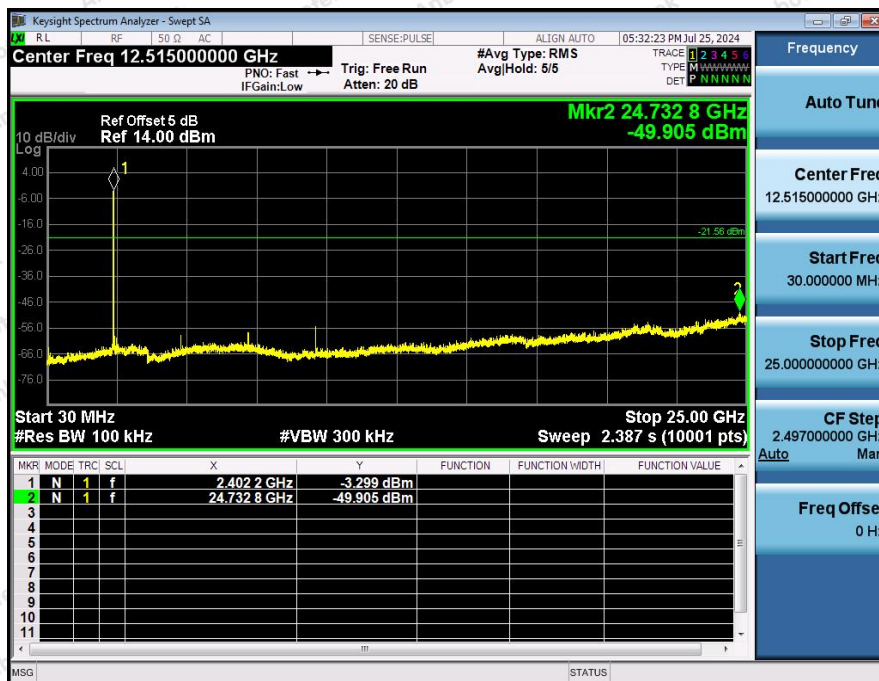
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-49.905	-21.562	Pass
NVNT	ANT1	1Mbps	2440.00	-51.053	-22.200	Pass
NVNT	ANT1	1Mbps	2480.00	-50.095	-22.418	Pass
NVNT	ANT1	2Mbps	2402.00	-54.520	-22.232	Pass
NVNT	ANT1	2Mbps	2440.00	-53.363	-22.874	Pass
NVNT	ANT1	2Mbps	2480.00	-50.287	-23.021	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



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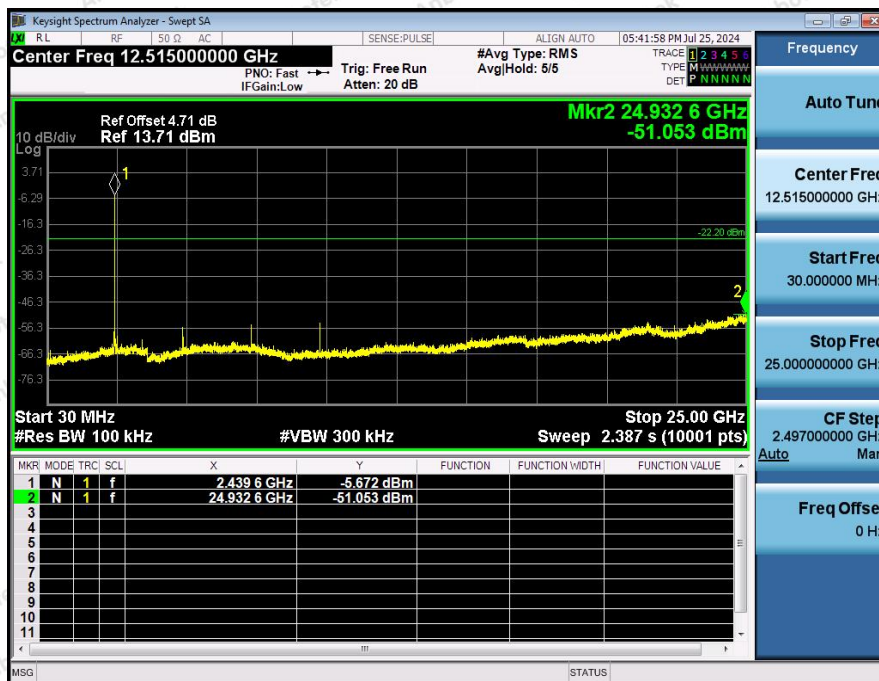
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1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



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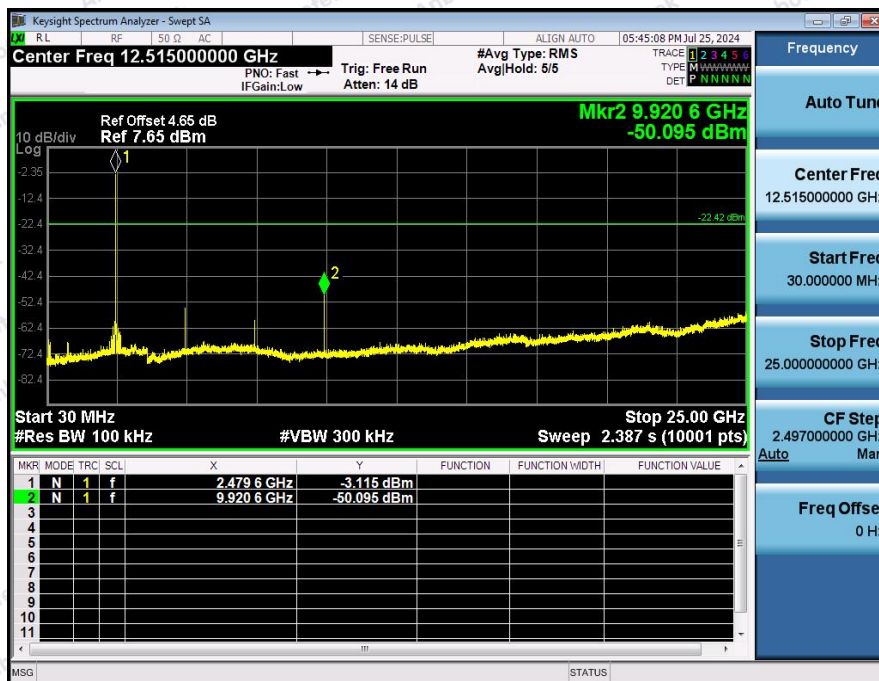
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1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480



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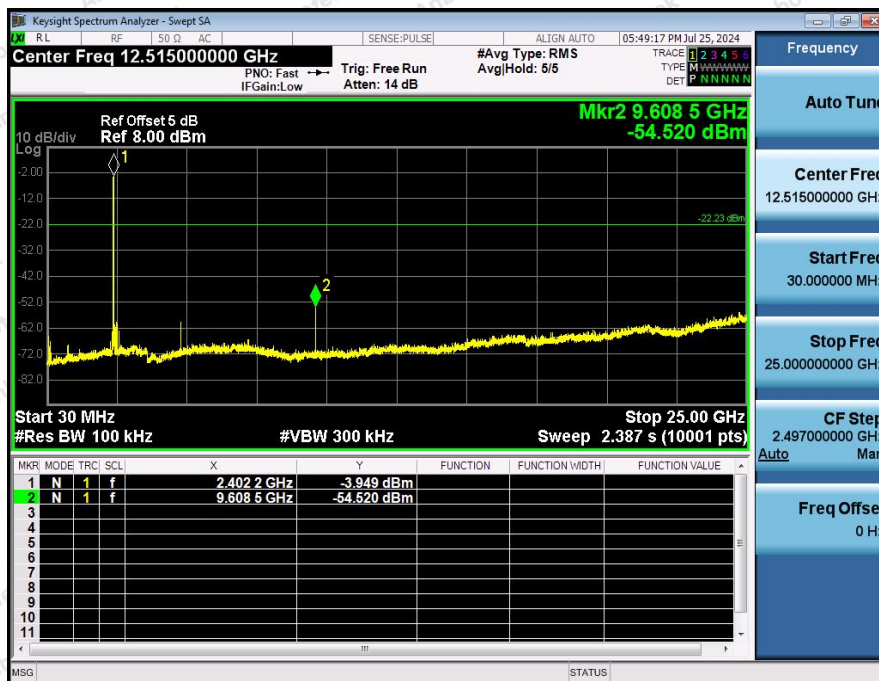
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1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Spurious_Emission_NVNT_ANT1_2Mbps_2402



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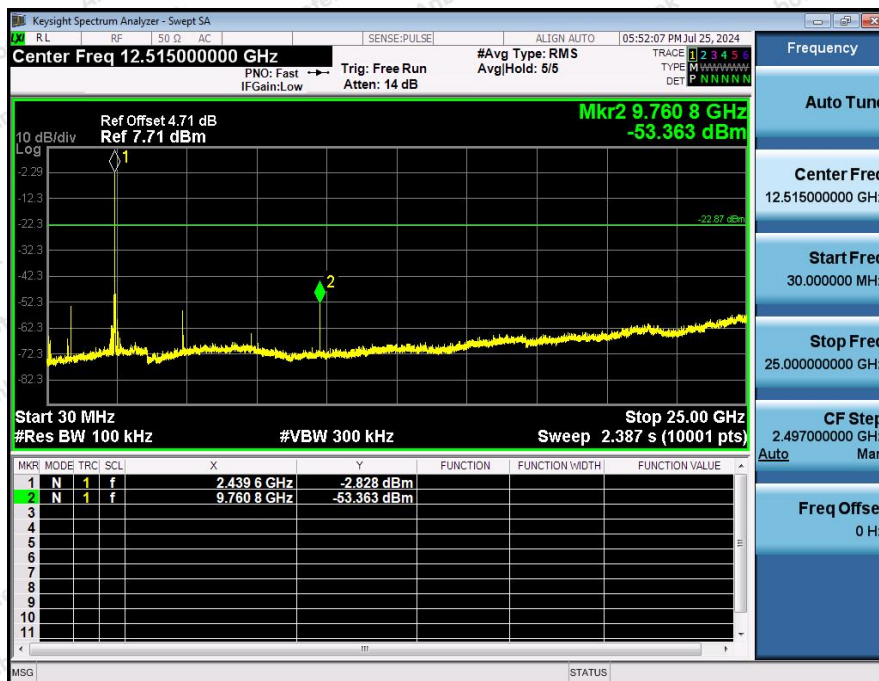
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1_Reference_Level_NVNT_ANT1_2Mbps_2440



2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



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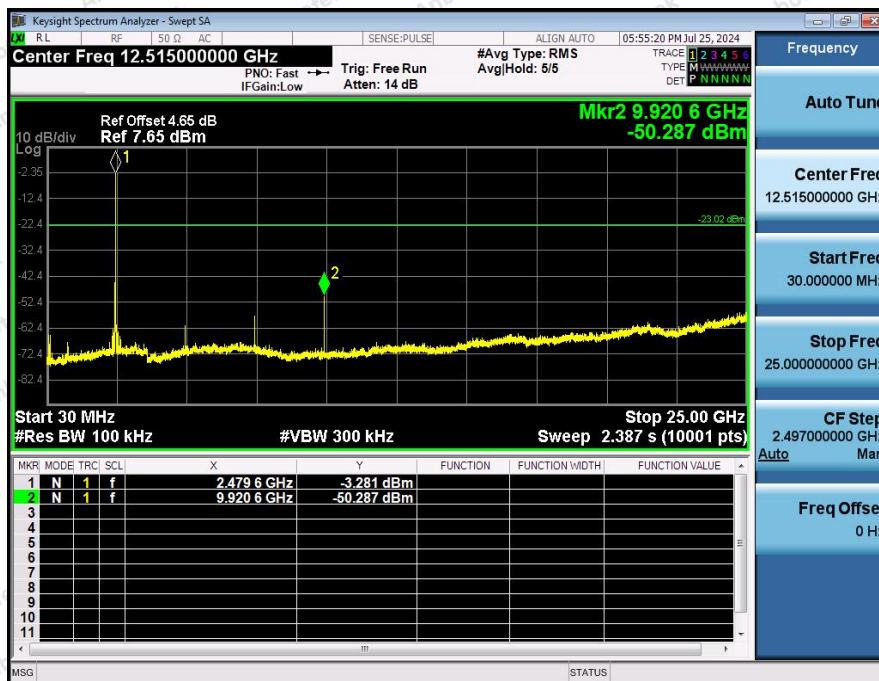
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1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480



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