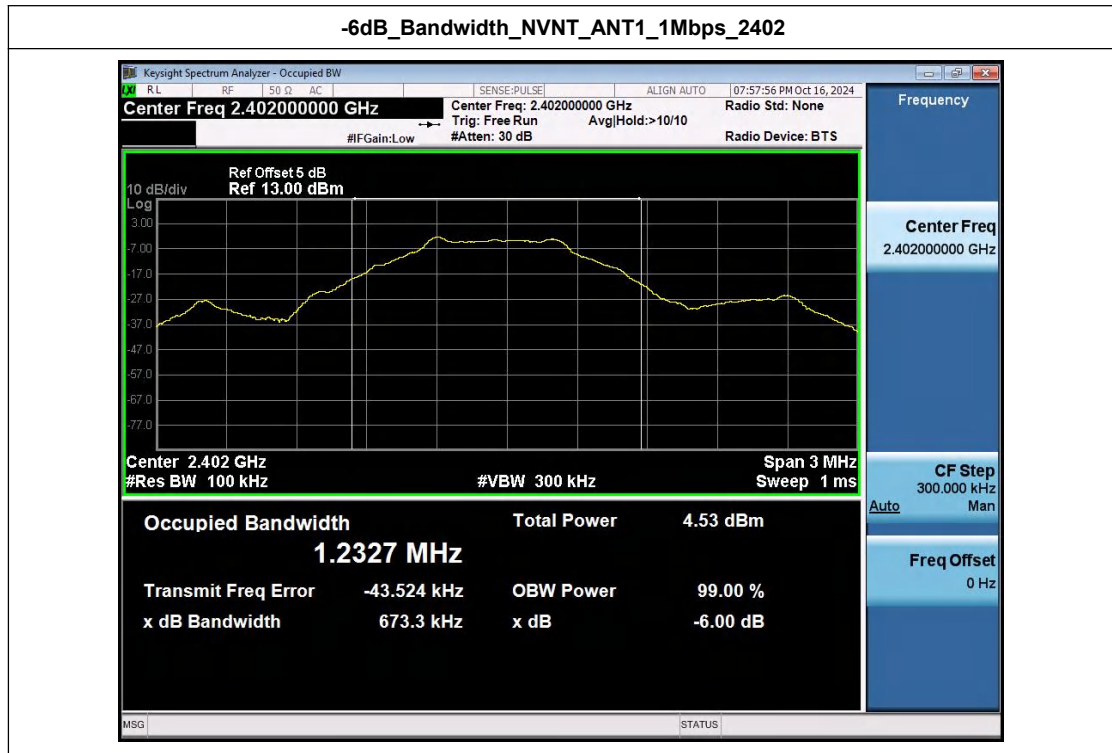


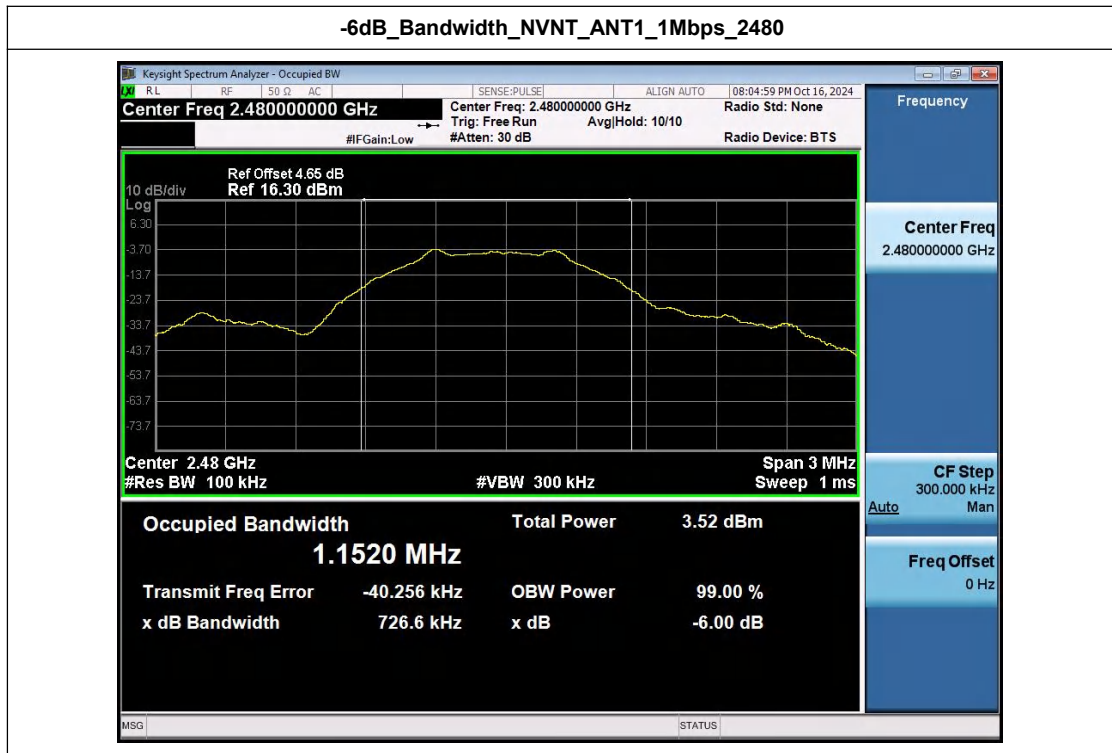
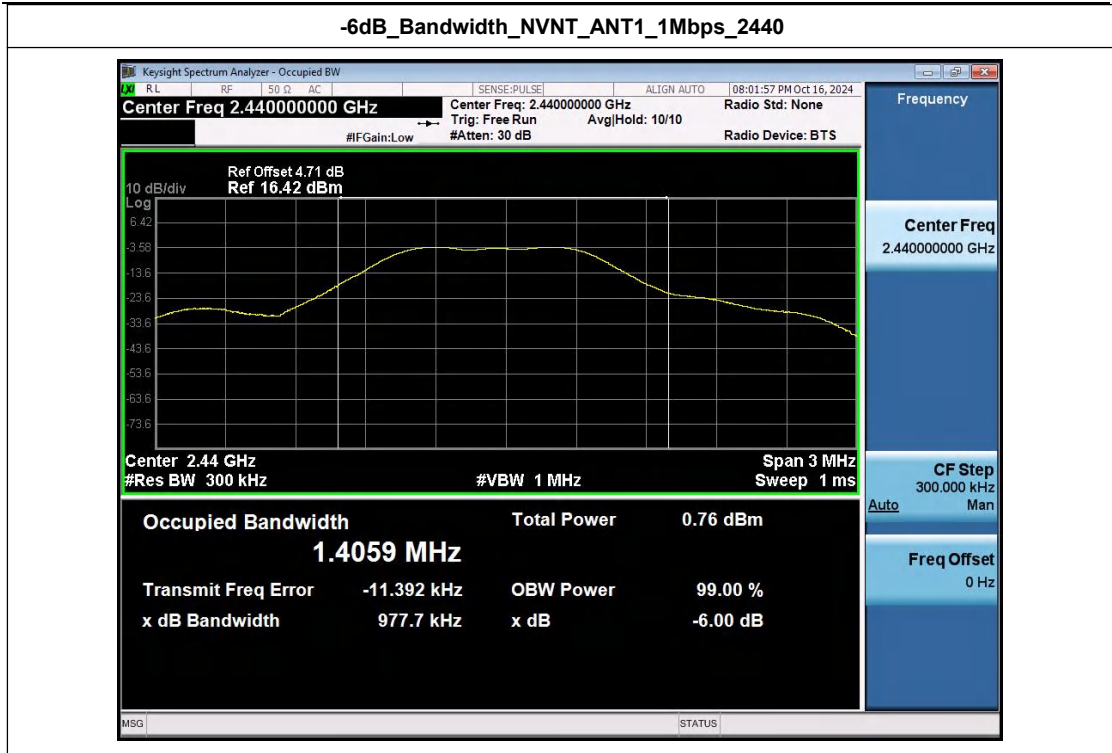
## Appendix Test Data

Report No.:	1812C40101312502	Test Sample No.:	1-2-2
Start Test Date:	2024.10.16	Finish Test Date:	2024.10.16
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.7°C	Relative Humidity:	55.4%
Pressure:	101kPa		

### Appendix A: -6dB Bandwidth

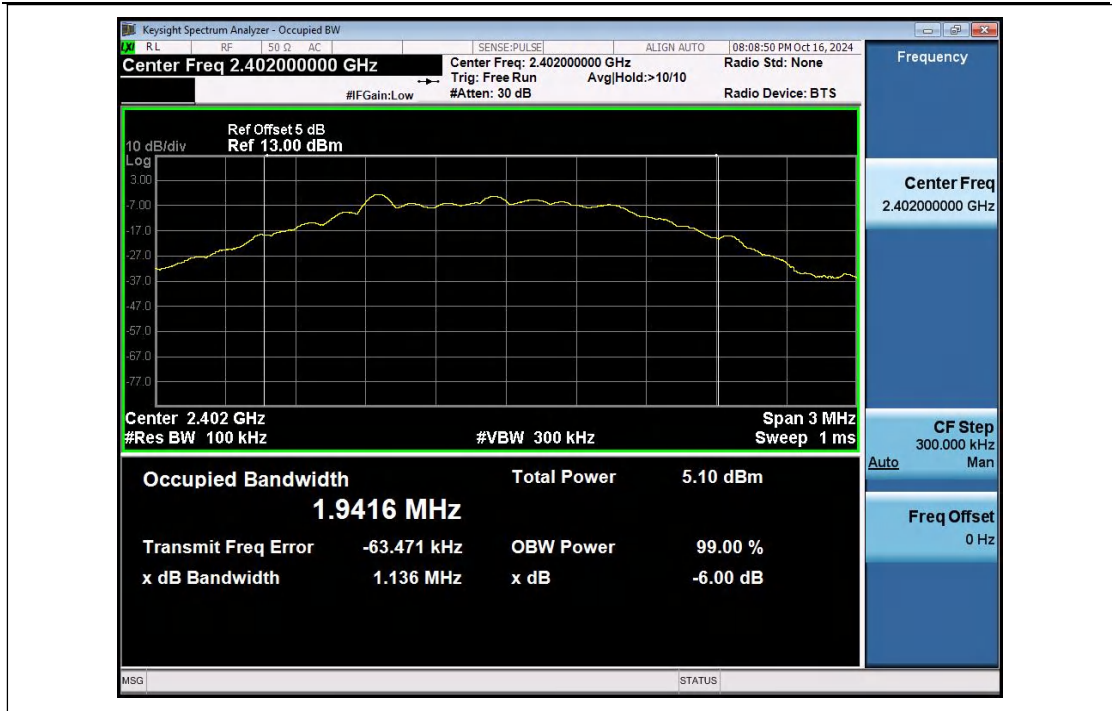
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	673.31	500	Pass
NVNT	ANT1	1Mbps	2440.00	977.75	500	Pass
NVNT	ANT1	1Mbps	2480.00	726.65	500	Pass
NVNT	ANT1	2Mbps	2402.00	1135.98	500	Pass
NVNT	ANT1	2Mbps	2440.00	1135.52	500	Pass
NVNT	ANT1	2Mbps	2480.00	1147.70	500	Pass



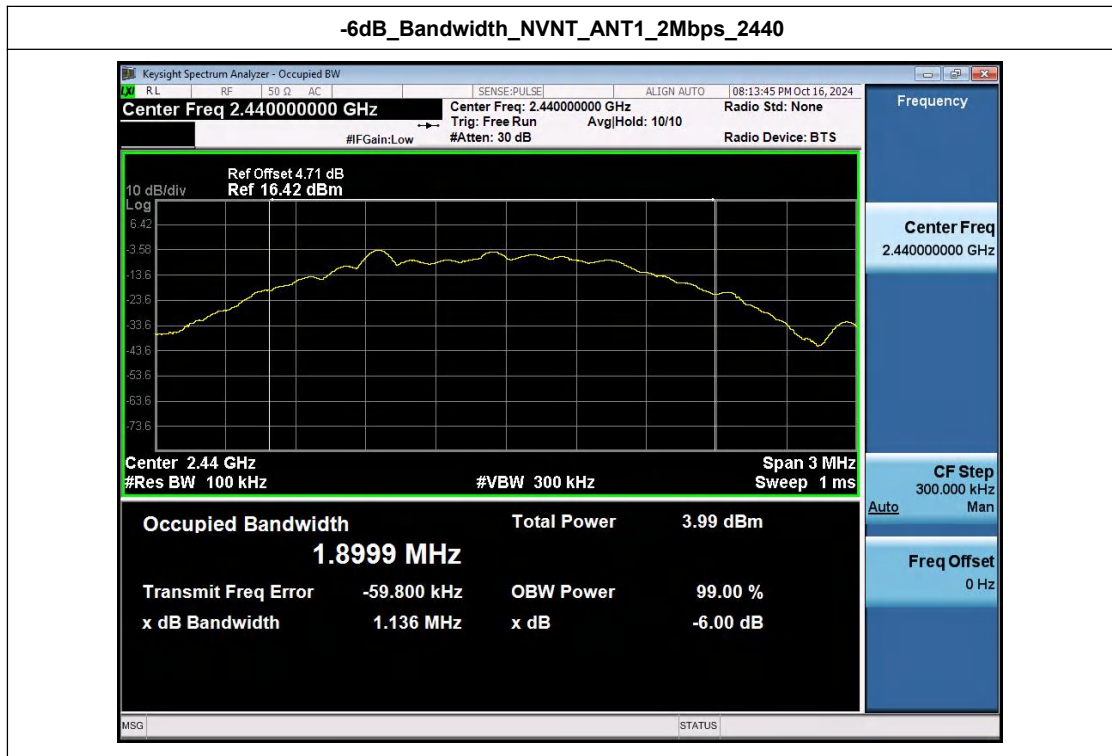


**-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2402**



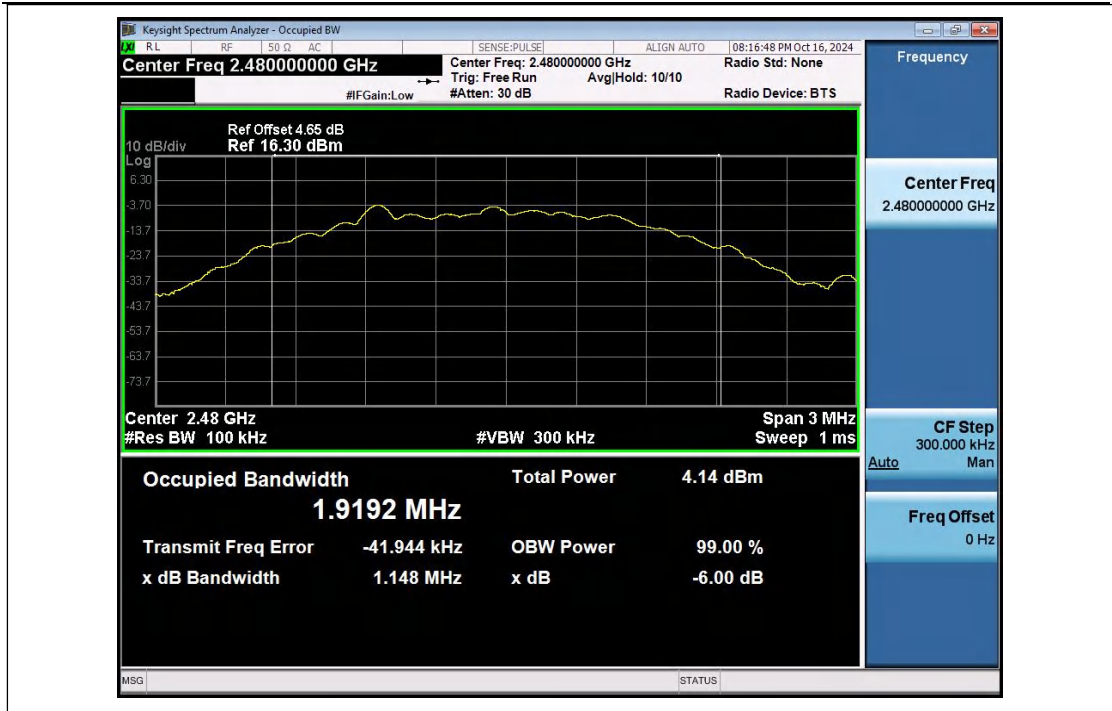


-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2440



-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2480





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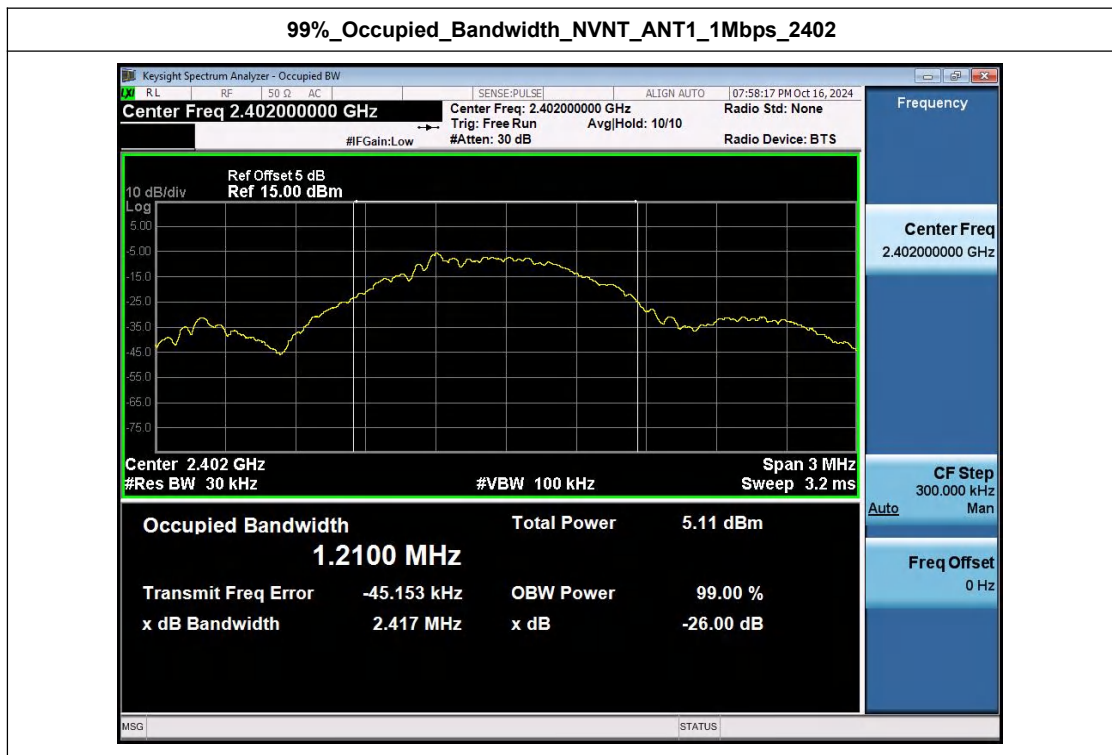
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
 Tel: (86) 0755-26066440    Email: service@anbotek.com

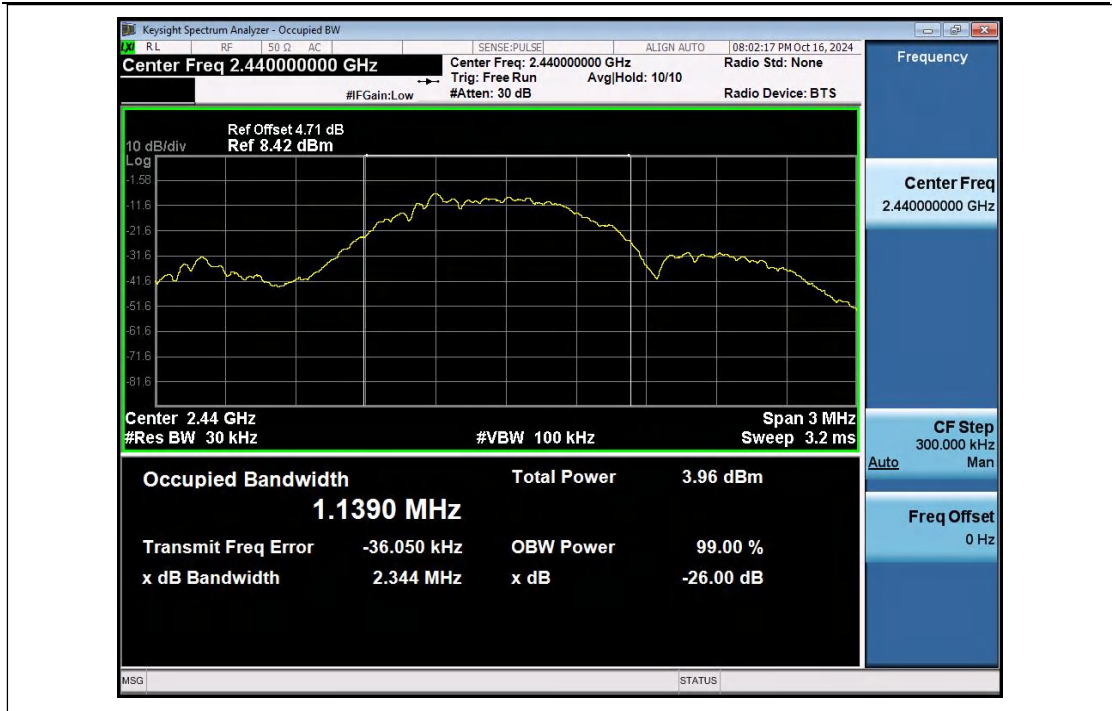
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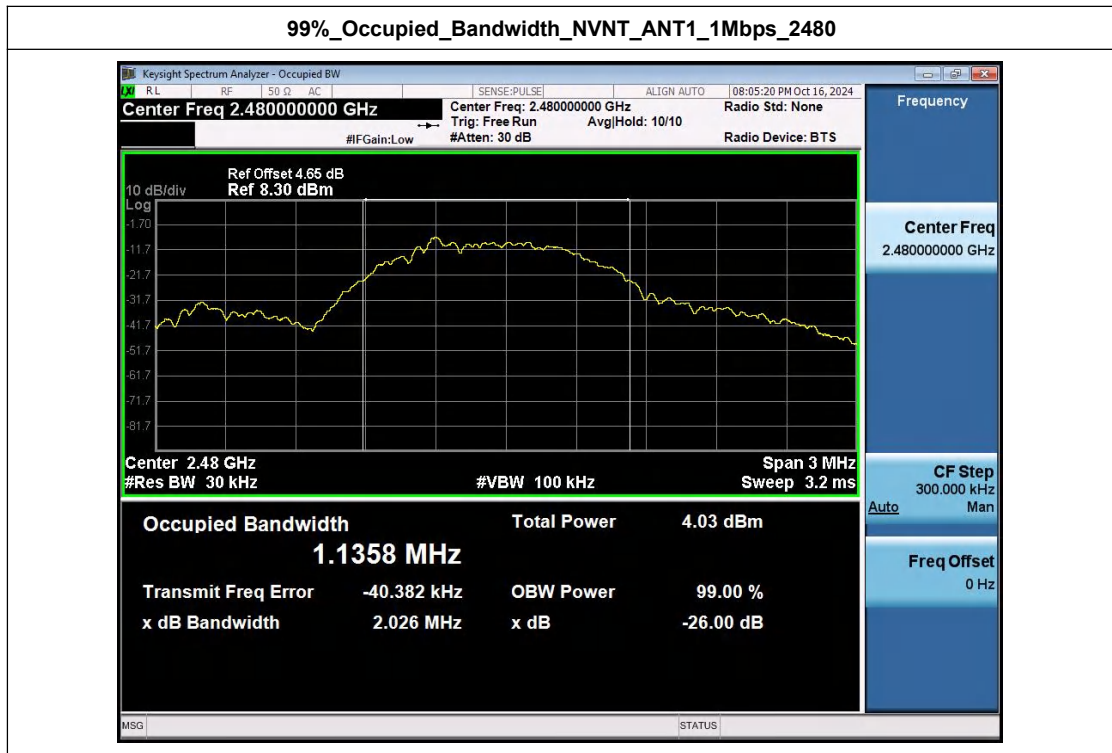
**Appendix B: 99% Occupied Bandwidth**

Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.210
NVNT	ANT1	1Mbps	2440.00	1.139
NVNT	ANT1	1Mbps	2480.00	1.136
NVNT	ANT1	2Mbps	2402.00	1.946
NVNT	ANT1	2Mbps	2440.00	1.913
NVNT	ANT1	2Mbps	2480.00	1.936



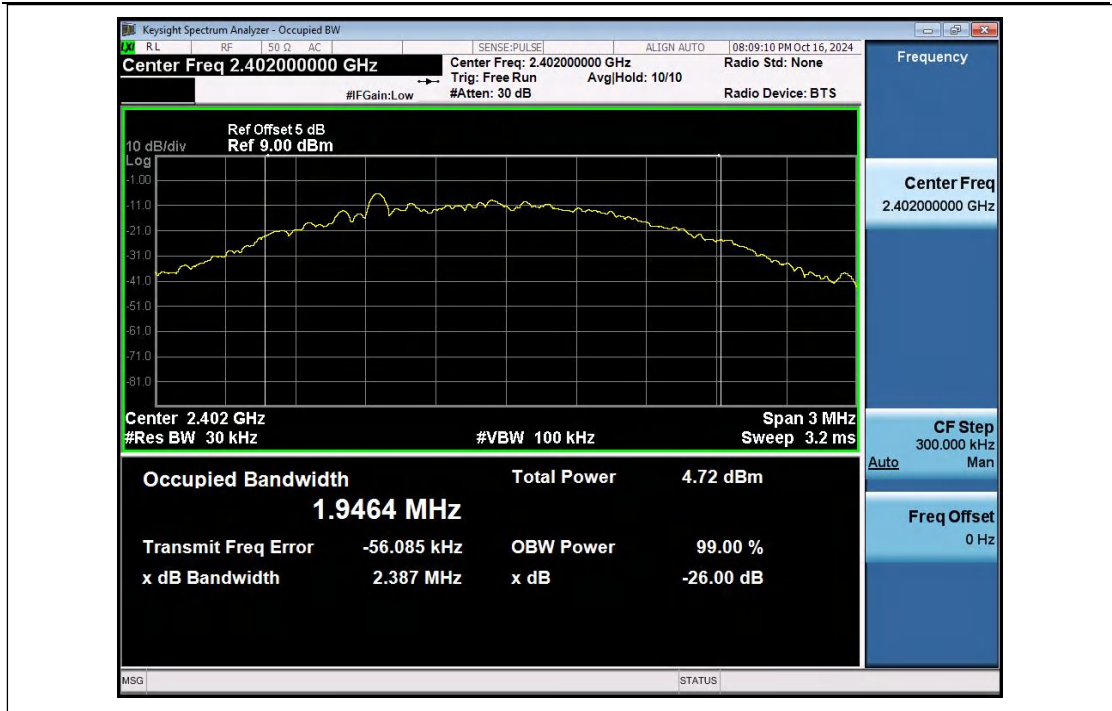


99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2480

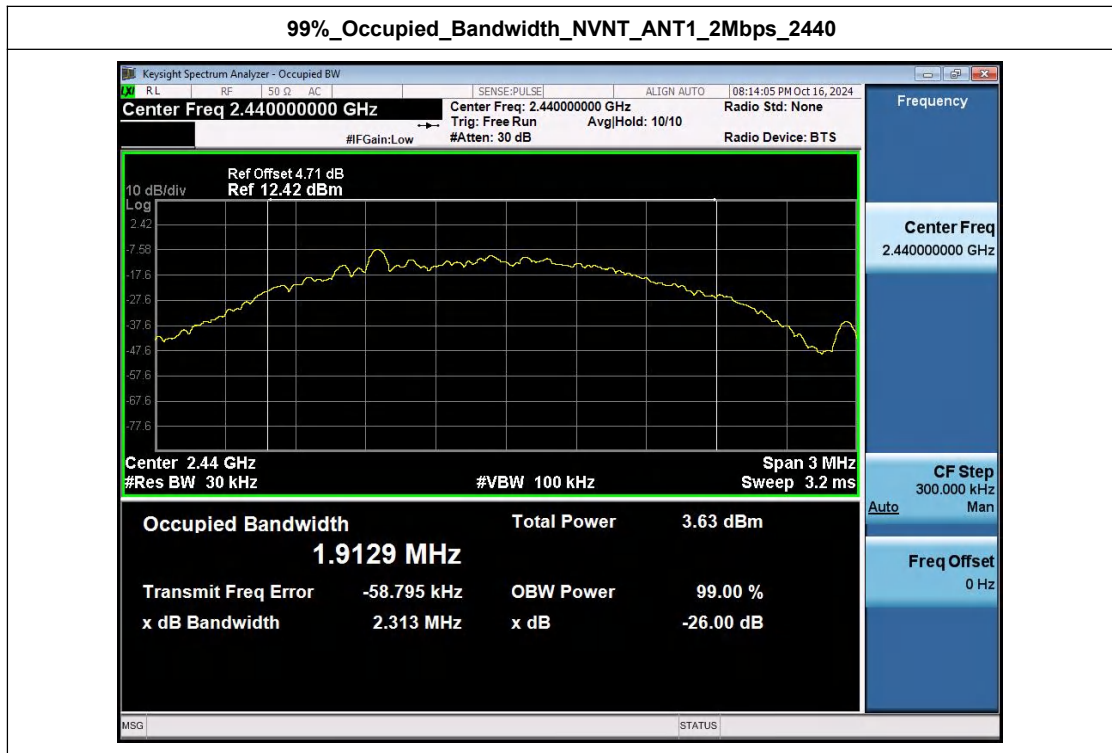


99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2402



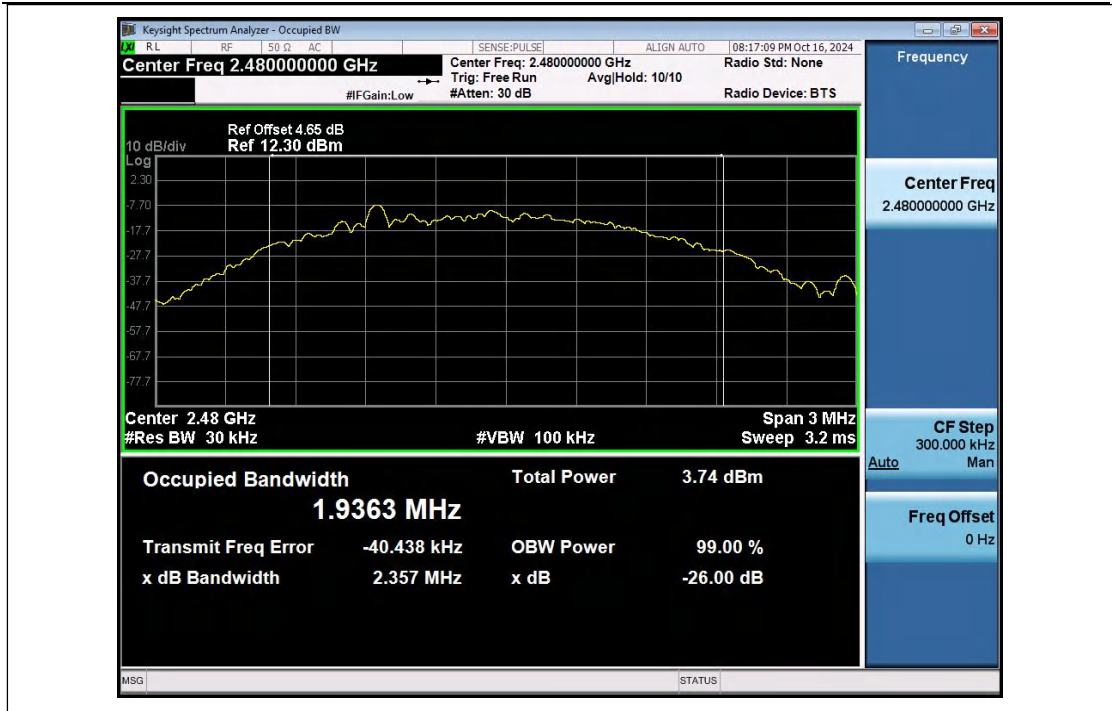


99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2440



99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2480





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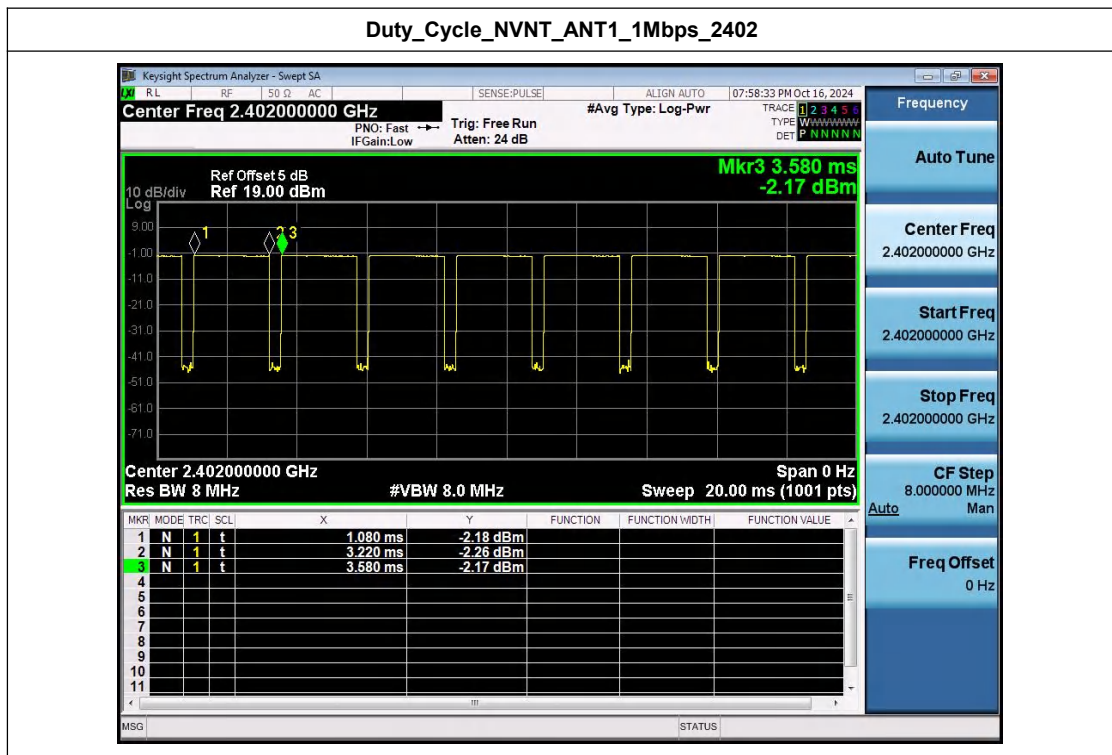
Hotline 400-003-0500  
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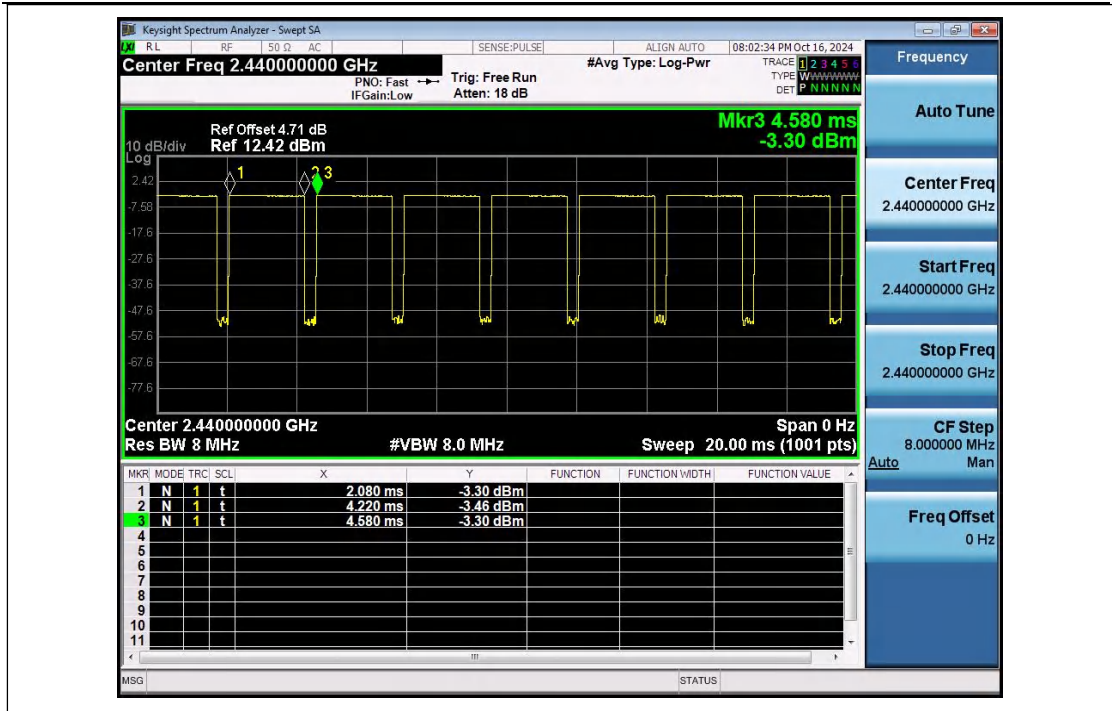
### Appendix C: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	86.40	0.63
NVNT	ANT1	1Mbps	2440.00	86.40	0.63
NVNT	ANT1	1Mbps	2480.00	86.40	0.63
NVNT	ANT1	2Mbps	2402.00	88.71	0.52
NVNT	ANT1	2Mbps	2440.00	87.30	0.59
NVNT	ANT1	2Mbps	2480.00	88.71	0.52

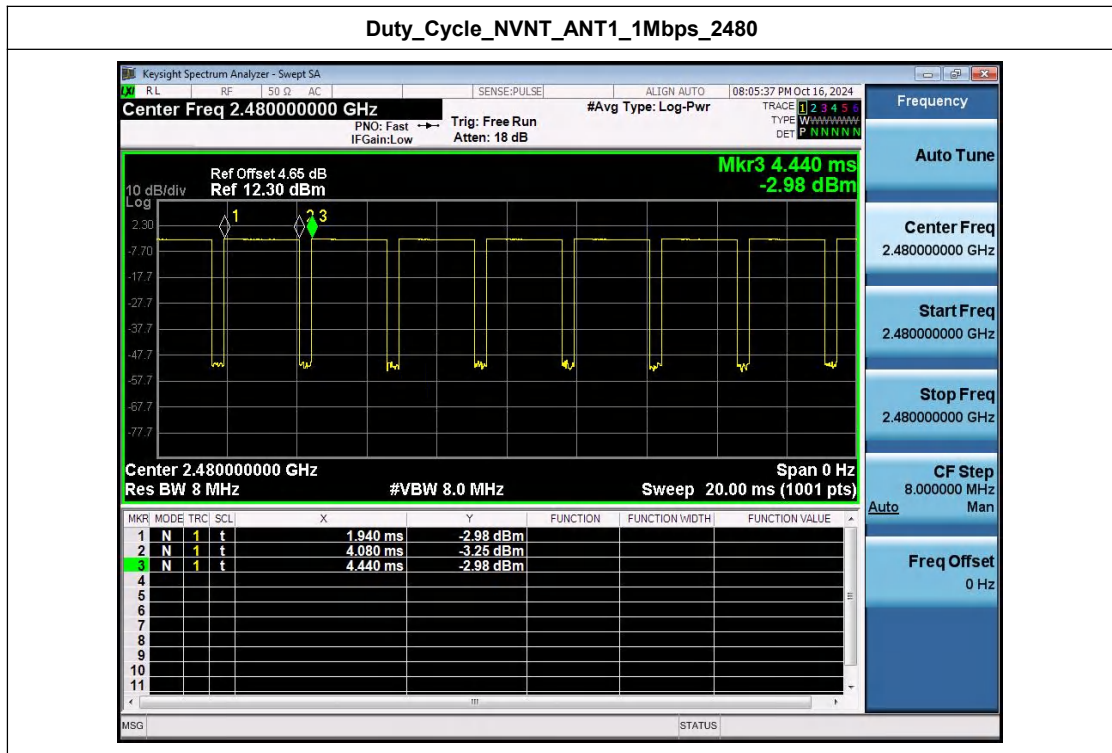


**Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2440**



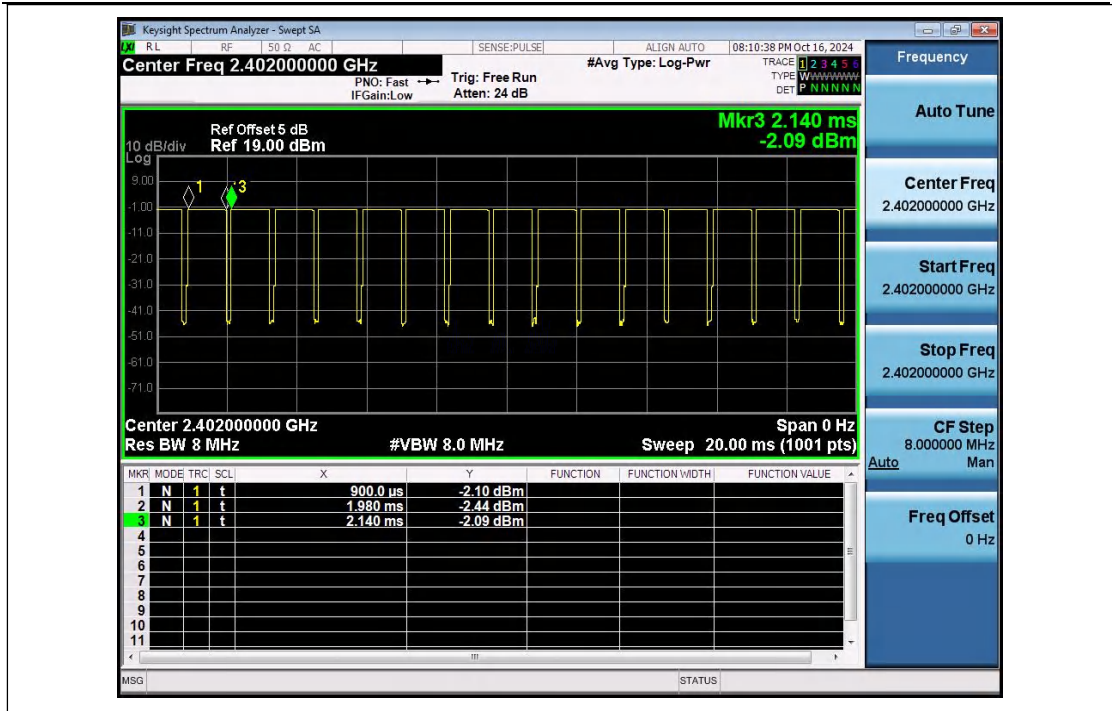


Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2480

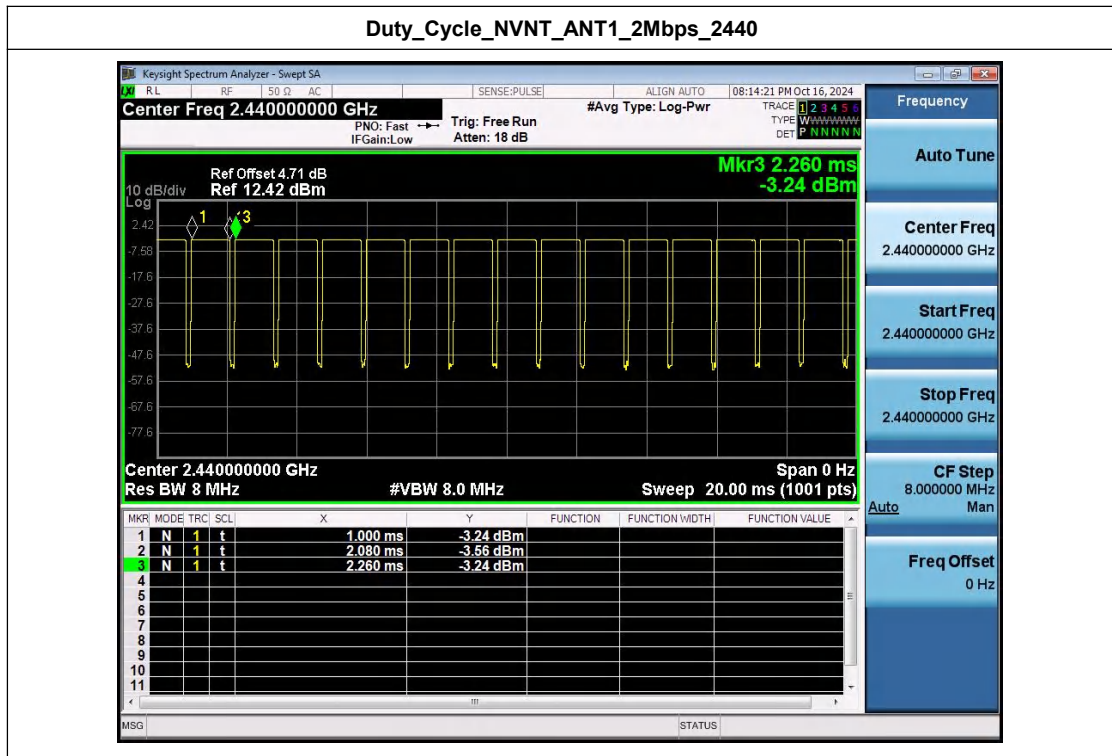


Duty\_Cycle\_NVNT\_ANT1\_2Mbps\_2402



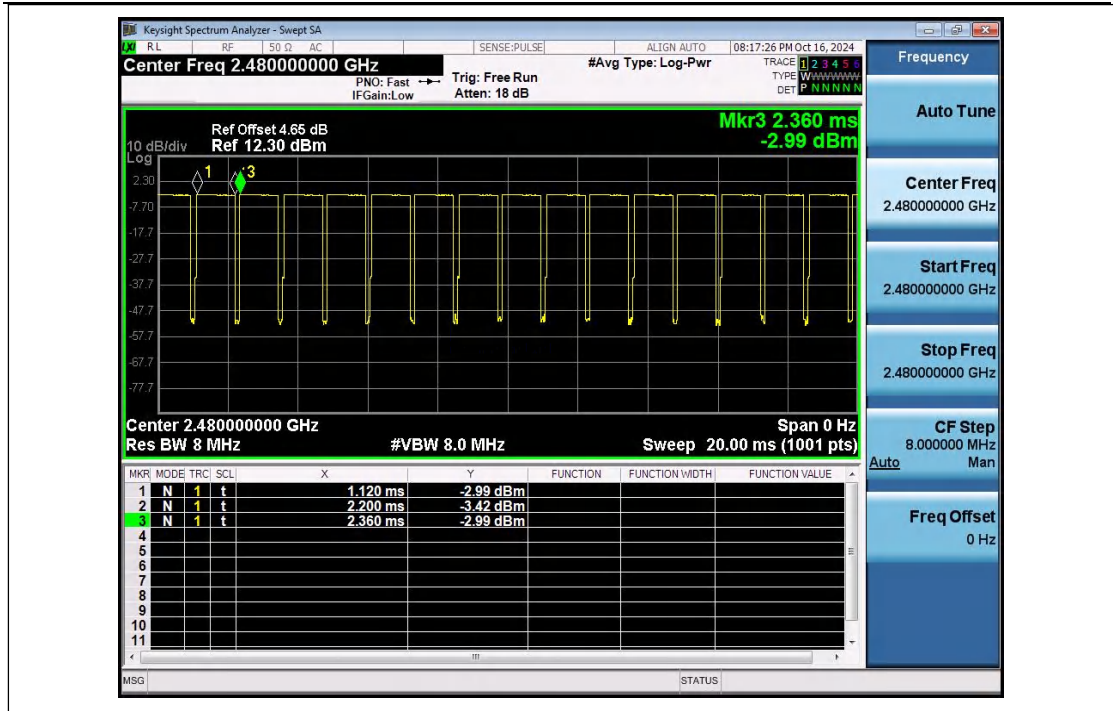


Duty\_Cycle\_NVNT\_ANT1\_2Mbps\_2440



Duty\_Cycle\_NVNT\_ANT1\_2Mbps\_2480





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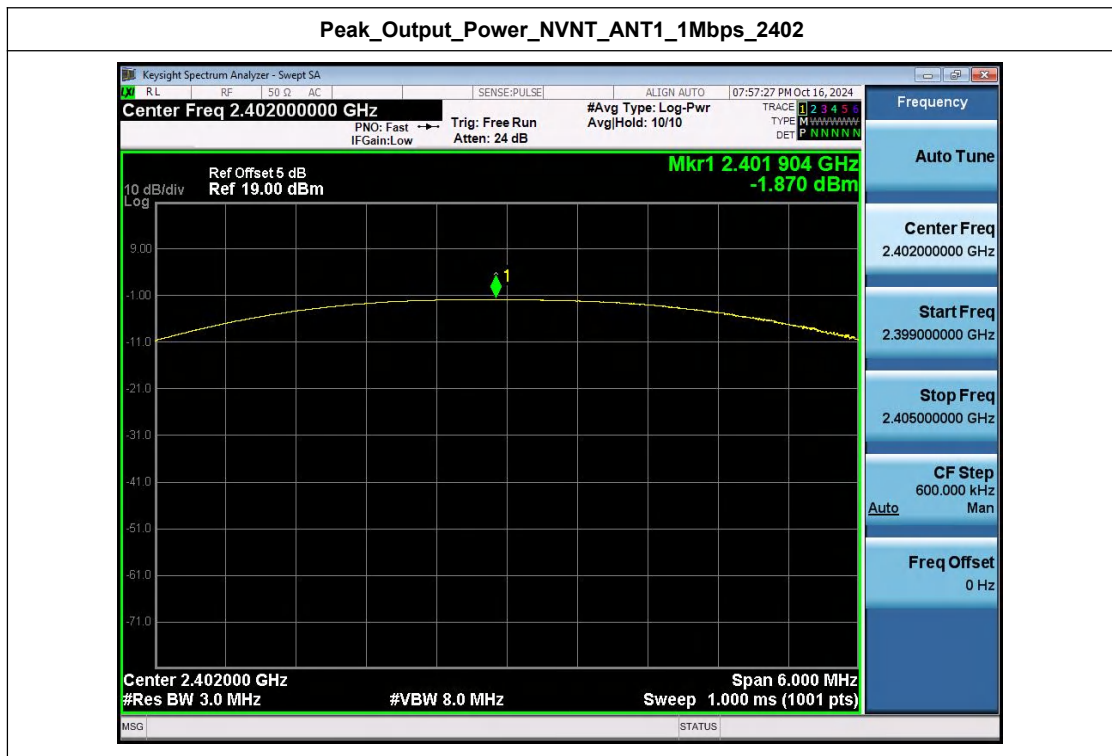
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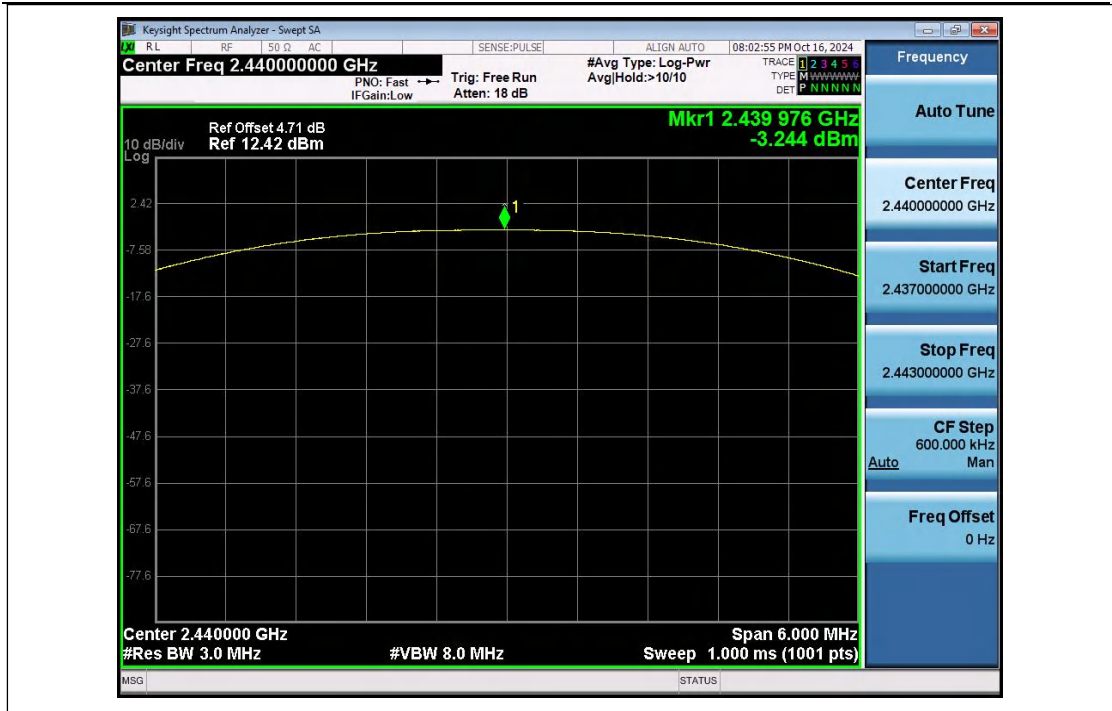
**Appendix D: Peak Output Power**

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-1.87	<b>0.65</b>	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-3.24	0.47	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-2.96	0.51	1000	Pass
NVNT	ANT1	2Mbps	2402.00	-2.09	0.62	1000	Pass
NVNT	ANT1	2Mbps	2440.00	-2.59	0.55	1000	Pass
NVNT	ANT1	2Mbps	2480.00	-3.00	0.50	1000	Pass

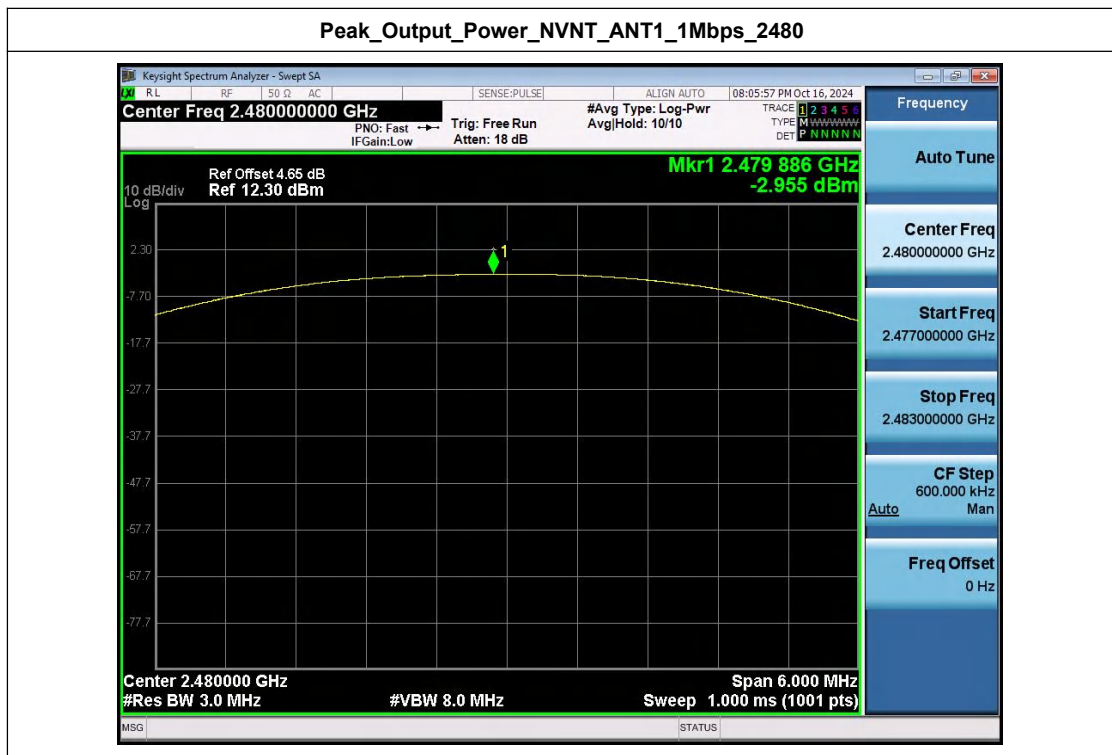


**Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2440**





Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2480

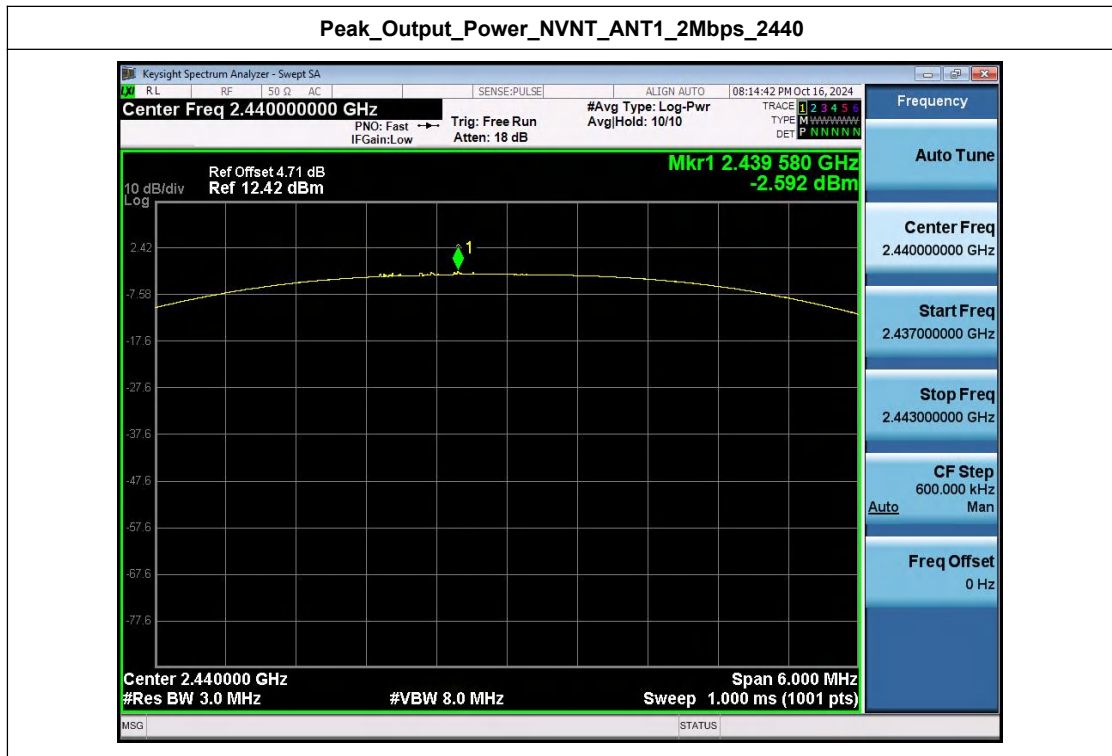


Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2402



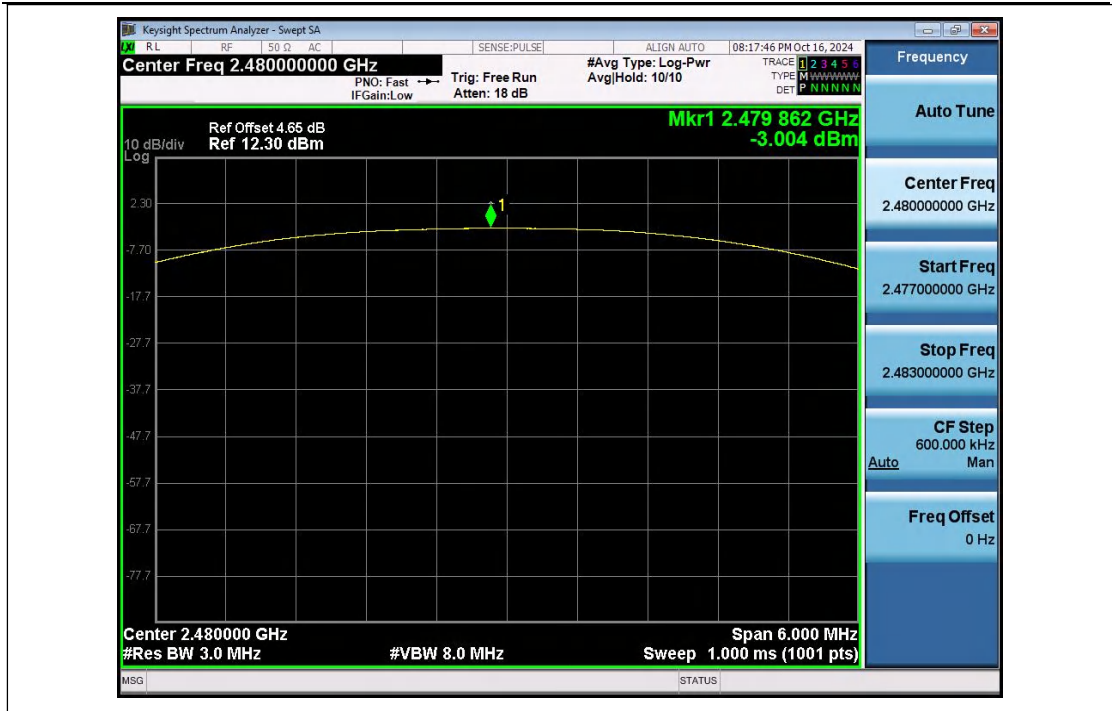


Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2440



Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2480





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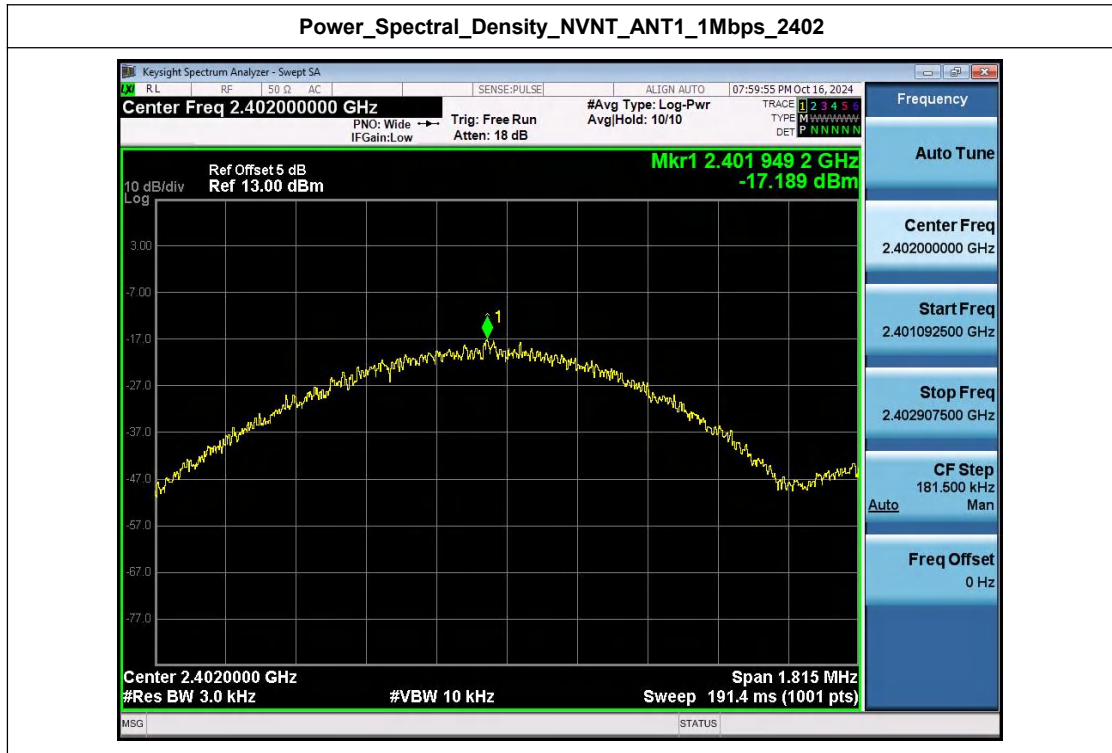




**Appendix E: Power Spectral Density**

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-17.19	8	Pass
NVNT	ANT1	1Mbps	2440.00	-17.93	8	Pass
NVNT	ANT1	1Mbps	2480.00	-18.68	8	Pass
NVNT	ANT1	2Mbps	2402.00	-20.38	8	Pass
NVNT	ANT1	2Mbps	2440.00	-21.60	8	Pass
NVNT	ANT1	2Mbps	2480.00	-21.62	8	Pass

**Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2402**

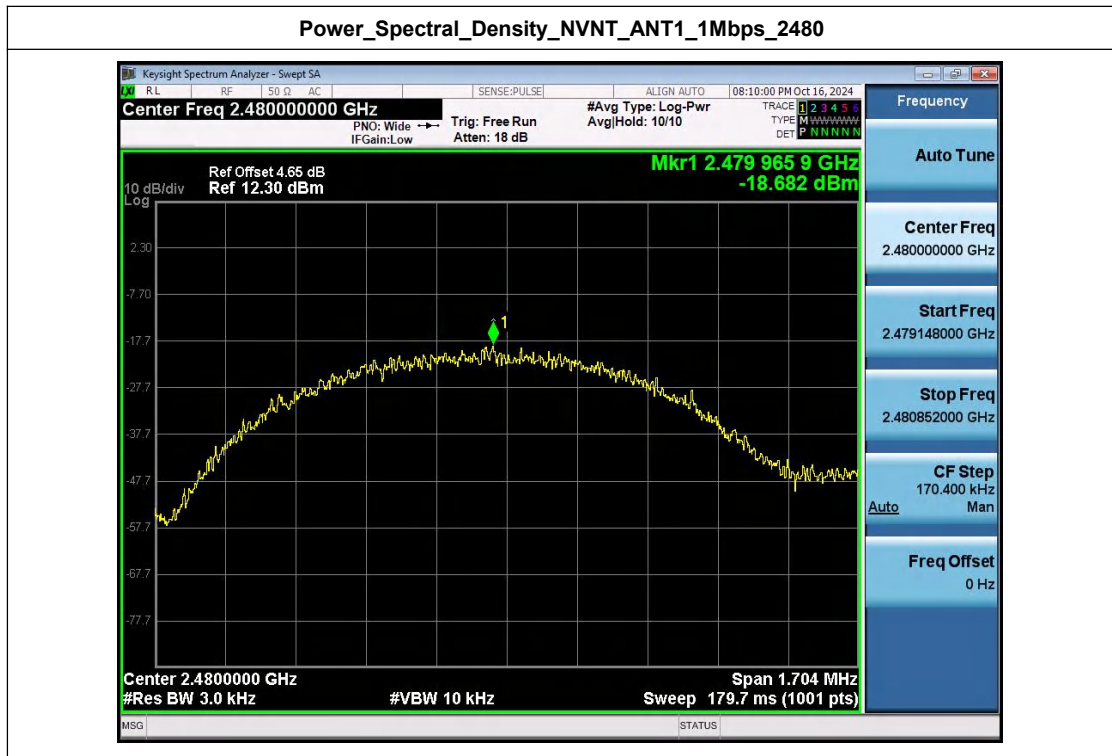


**Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2440**





Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2480

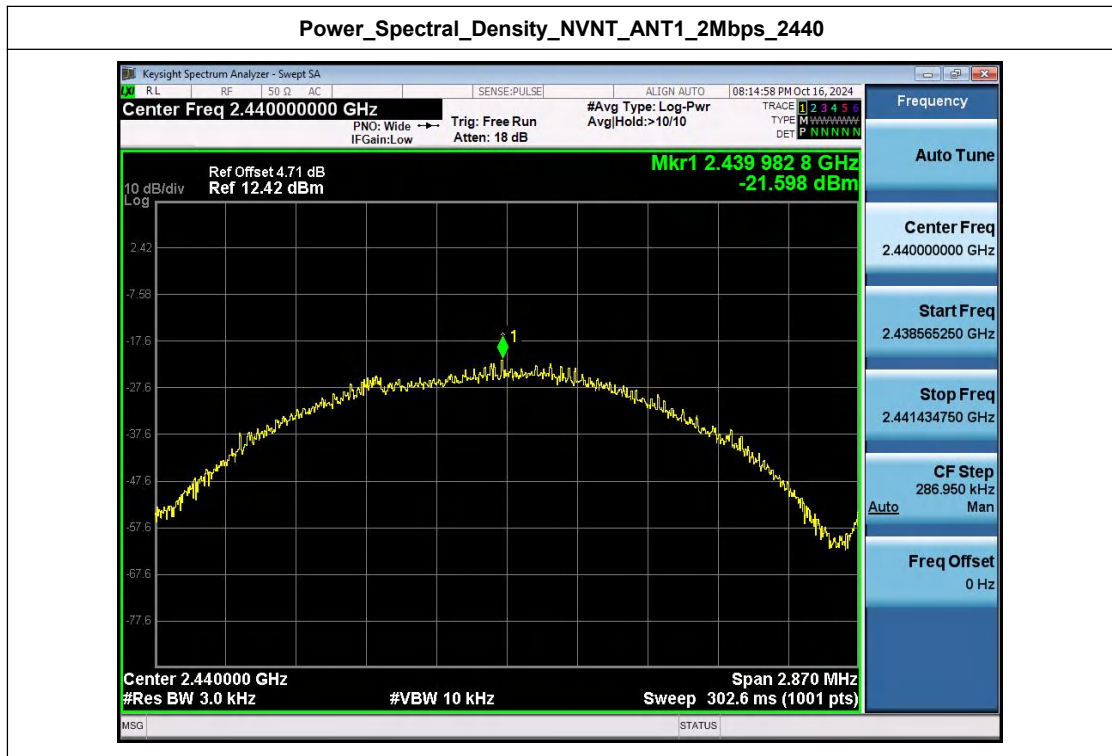


Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2402





Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2440



Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2480





**Shenzhen Anbotek Compliance Laboratory Limited**

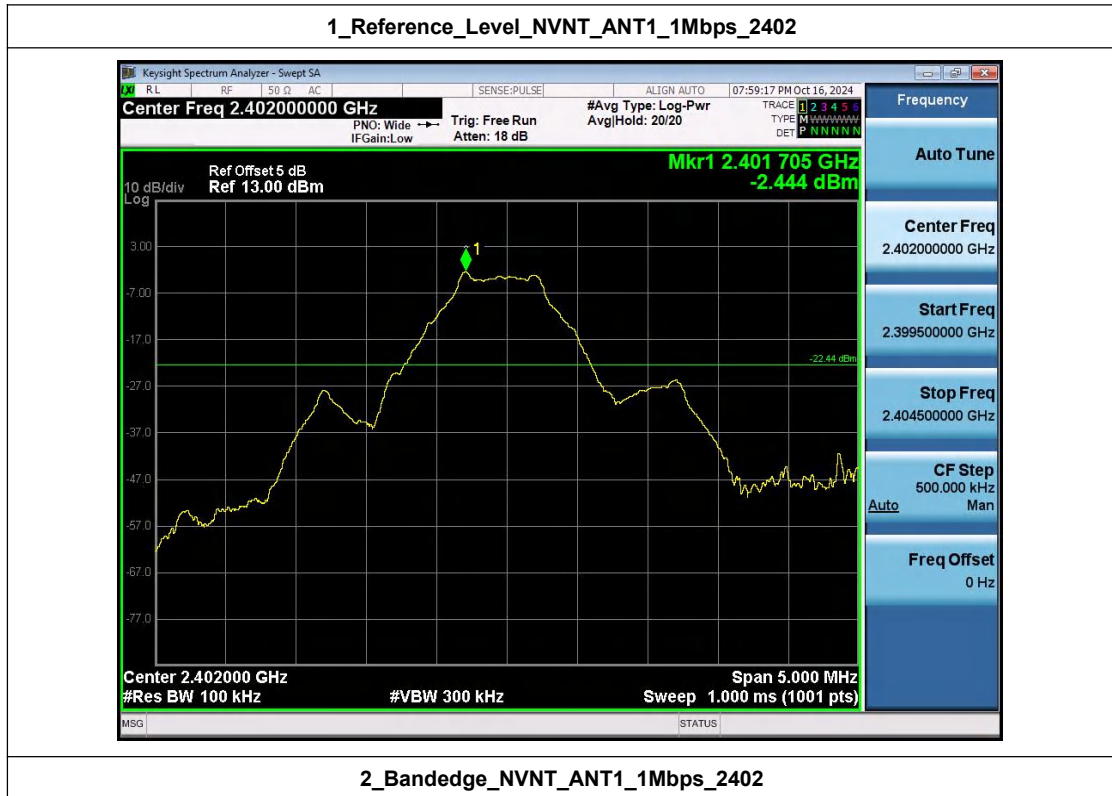
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86)0755-26066440 Email: service@anbotek.com

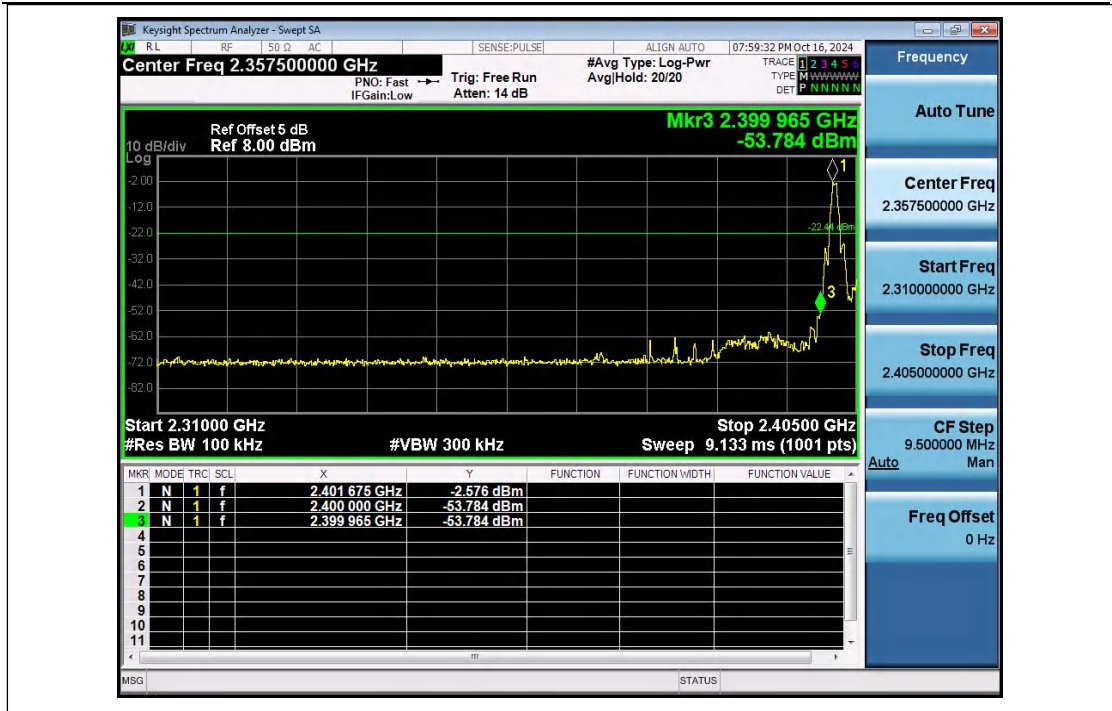
Hotline 400-003-0500  
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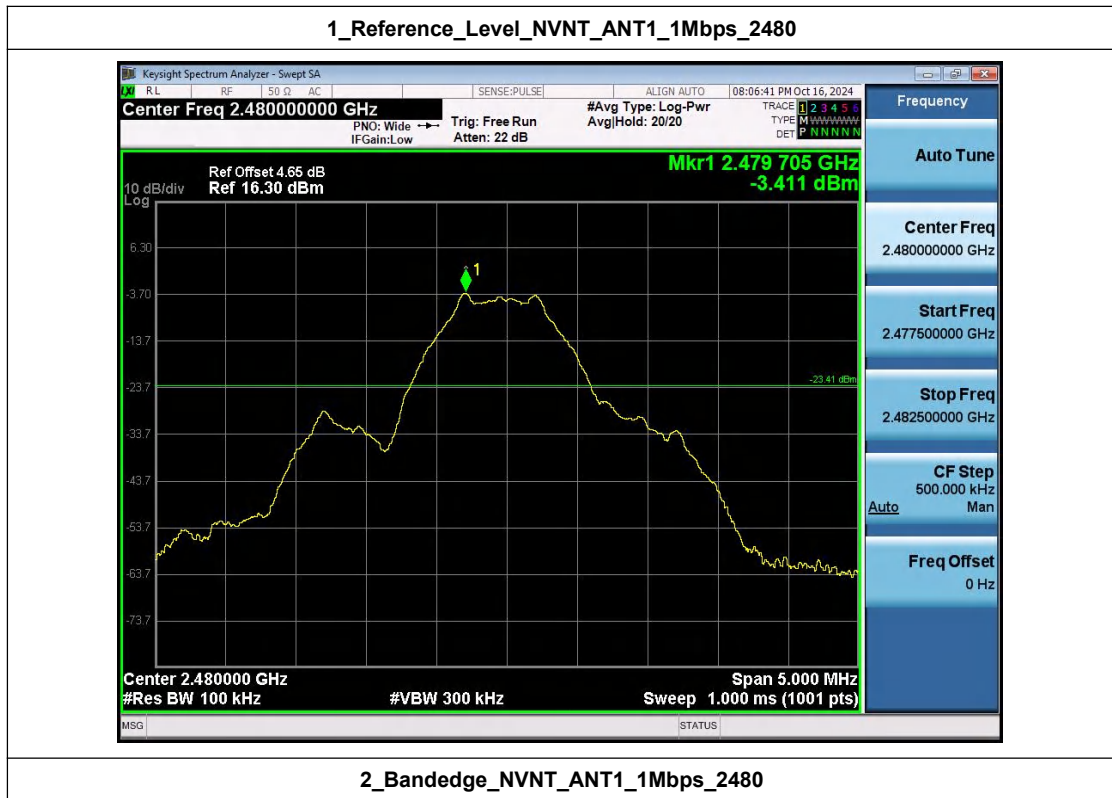
**Appendix F: Bandedge**

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-53.784	-22.444	Pass
NVNT	ANT1	1Mbps	2480.00	2487.800	-63.161	-23.411	Pass
NVNT	ANT1	2Mbps	2402.00	2399.490	-34.393	-22.597	Pass
NVNT	ANT1	2Mbps	2480.00	2487.950	-64.311	-23.653	Pass



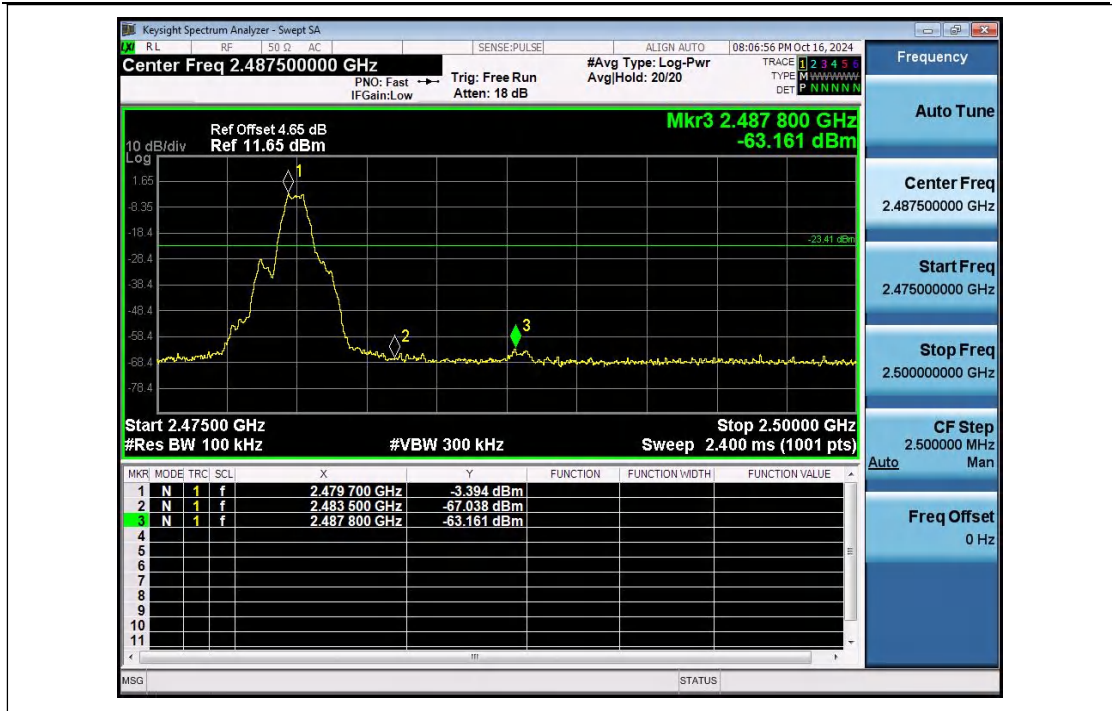


1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480

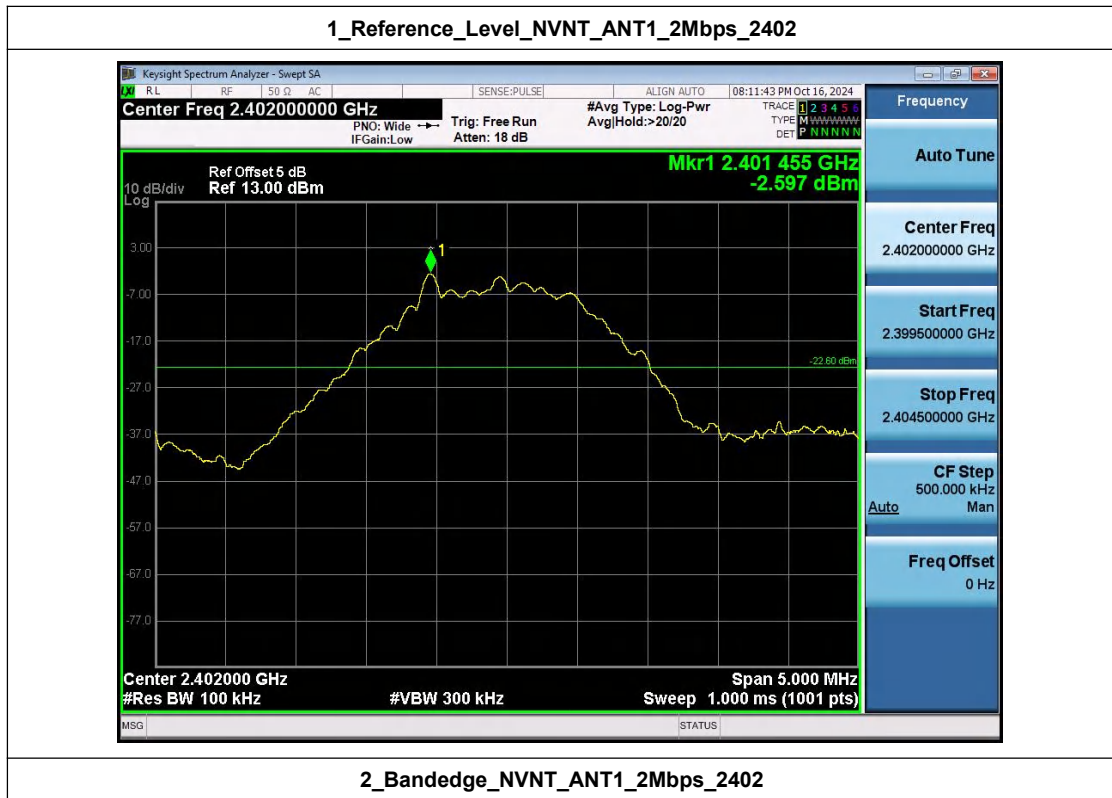


2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



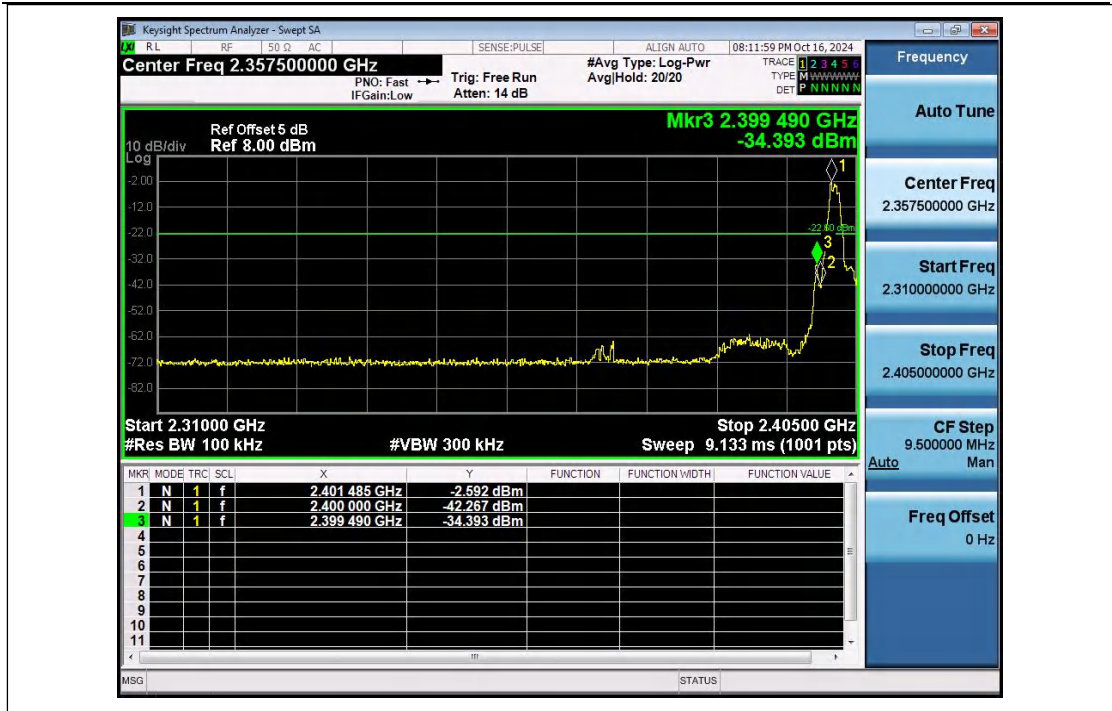


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2402

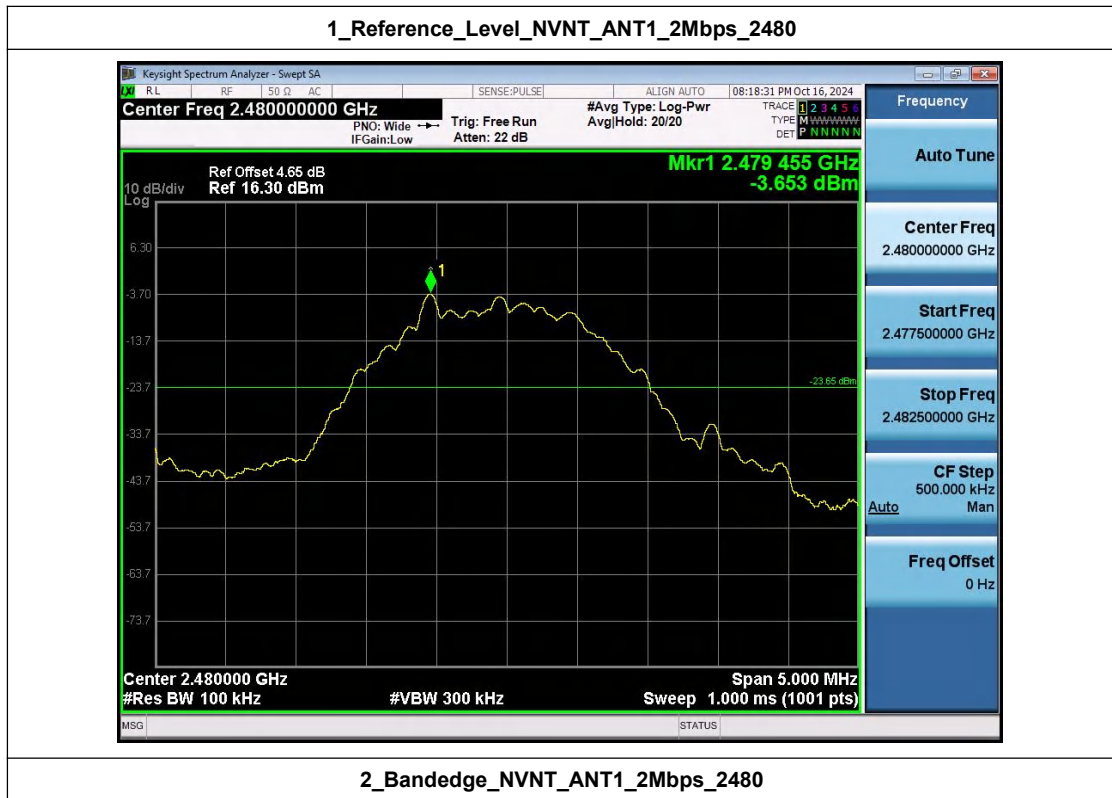


2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2402





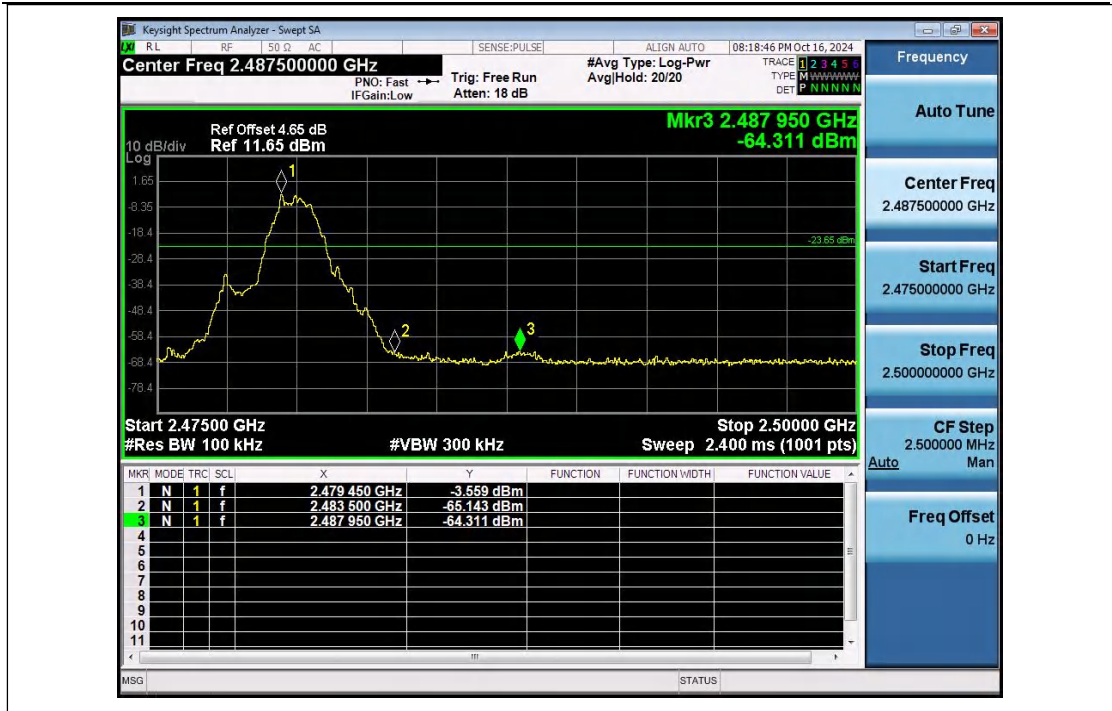
1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2480



2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2480







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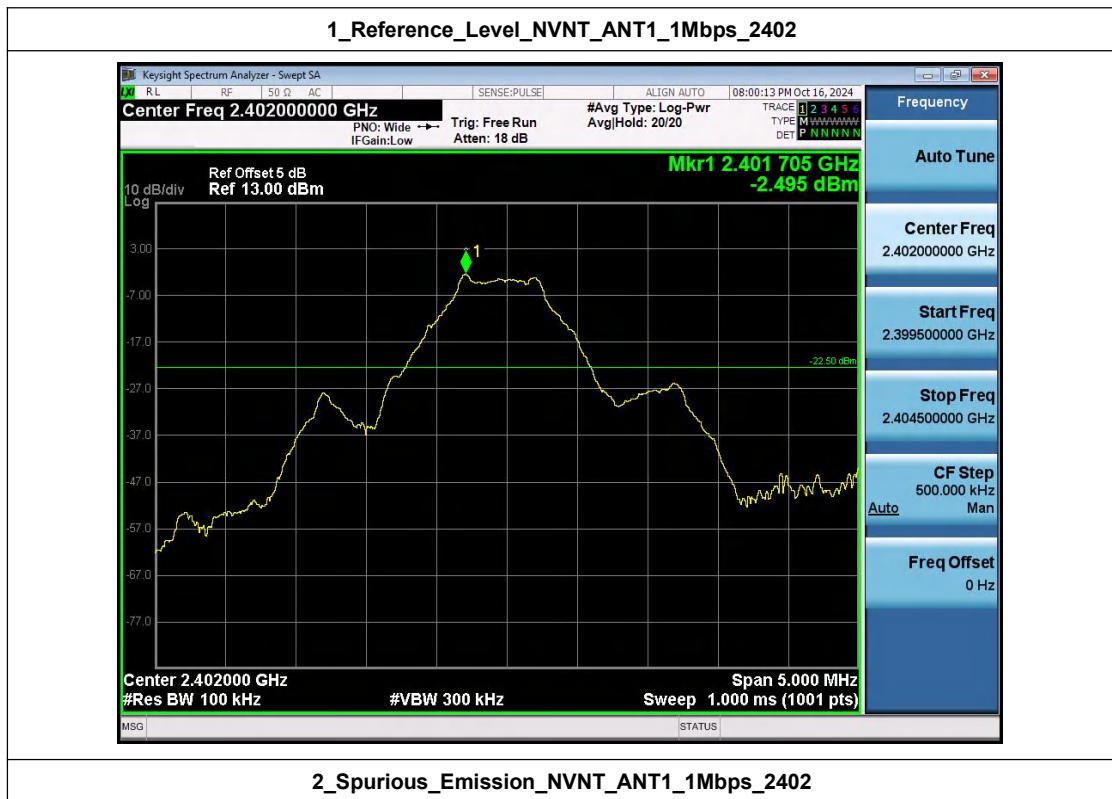
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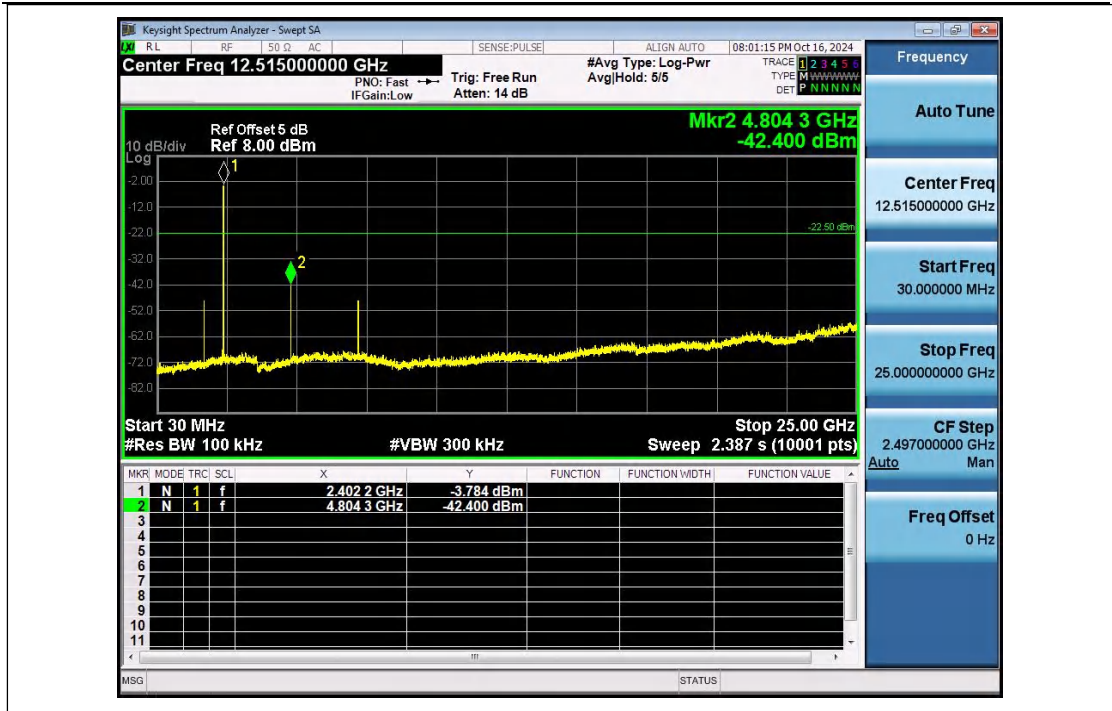
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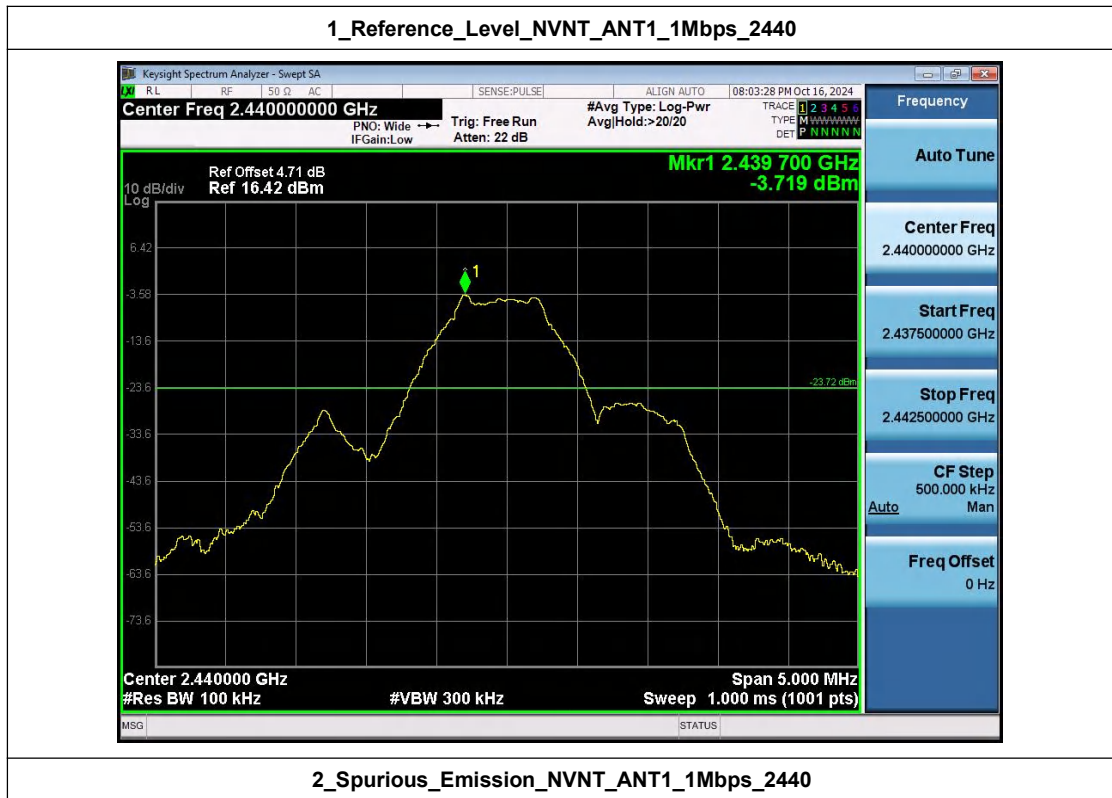
### Appendix G: Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-42.400	-22.495	Pass
NVNT	ANT1	1Mbps	2440.00	-42.887	-23.719	Pass
NVNT	ANT1	1Mbps	2480.00	-43.020	-23.411	Pass
NVNT	ANT1	2Mbps	2402.00	-35.795	-22.597	Pass
NVNT	ANT1	2Mbps	2440.00	-43.516	-23.755	Pass
NVNT	ANT1	2Mbps	2480.00	-46.003	-23.653	Pass





1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440



2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2440

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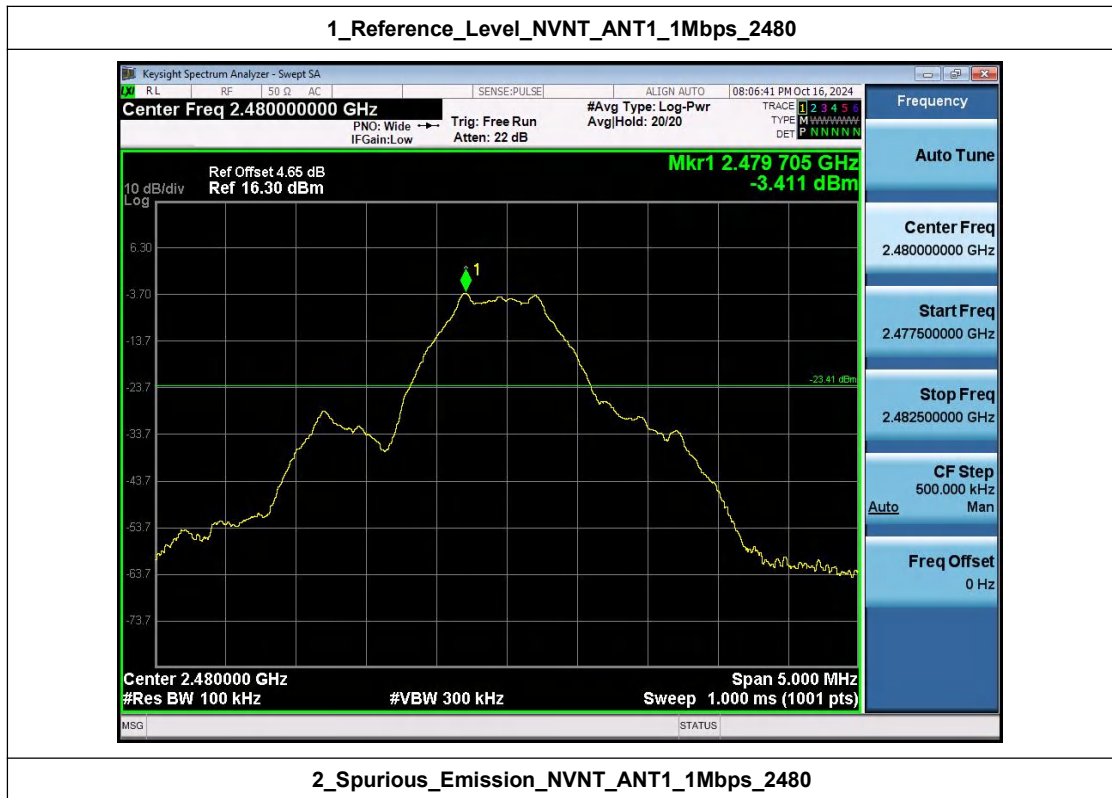
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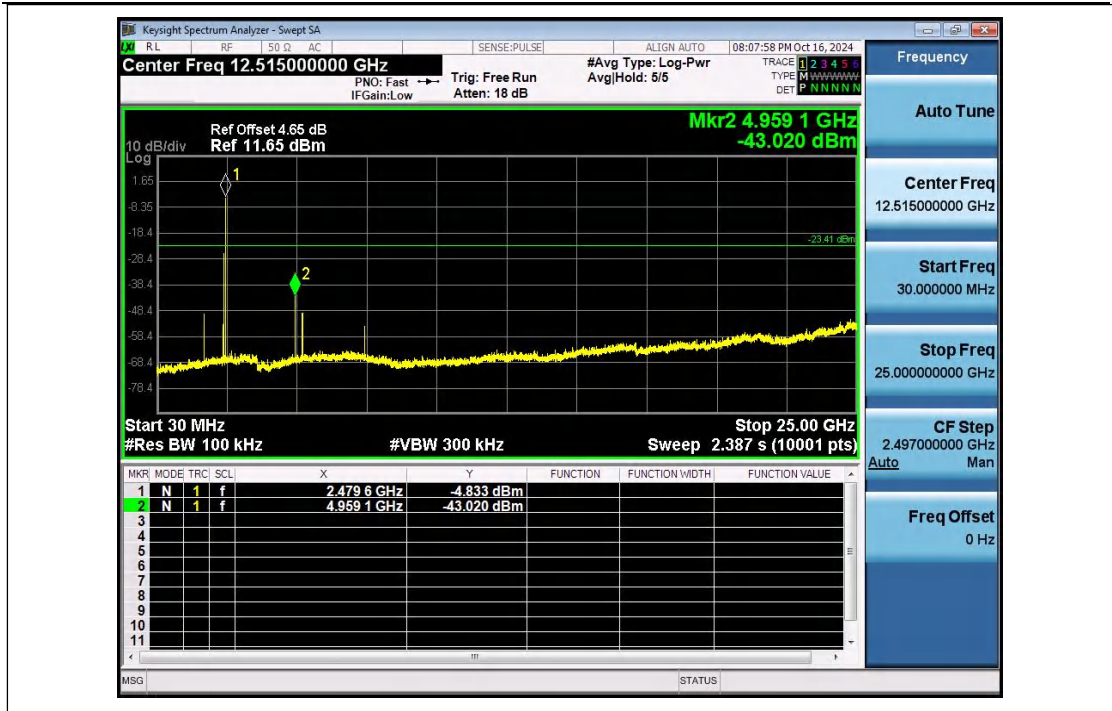


1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480

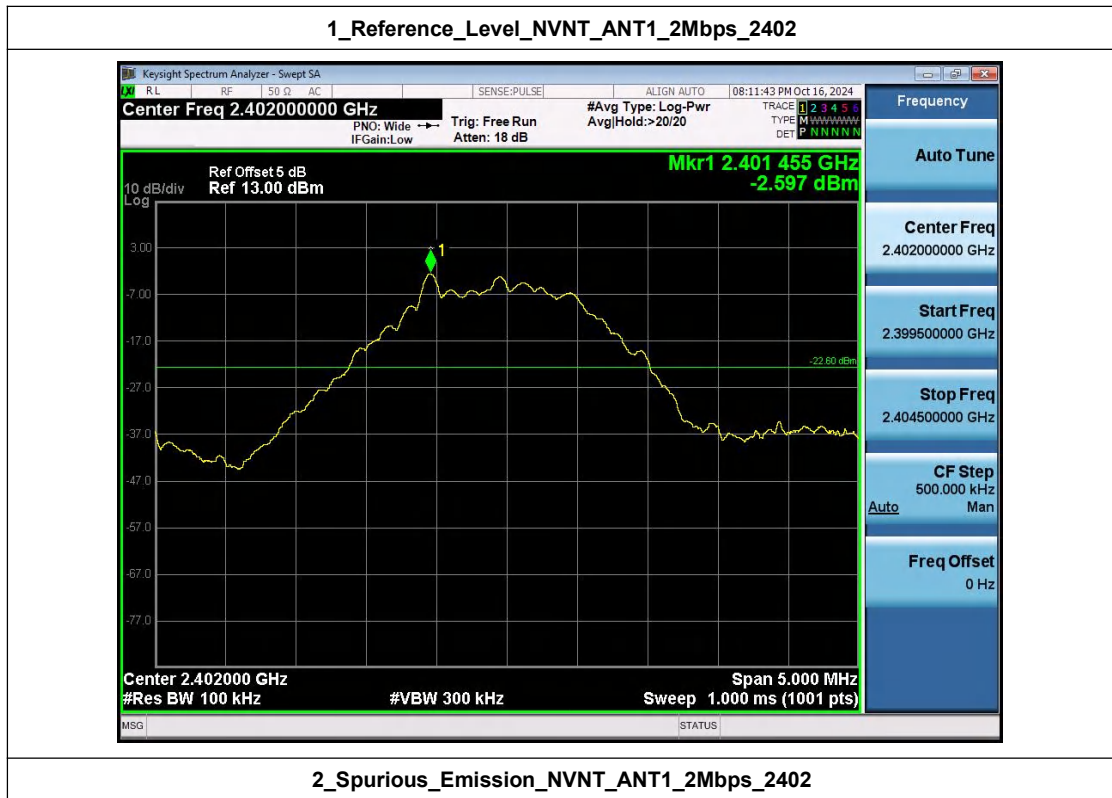


2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2480



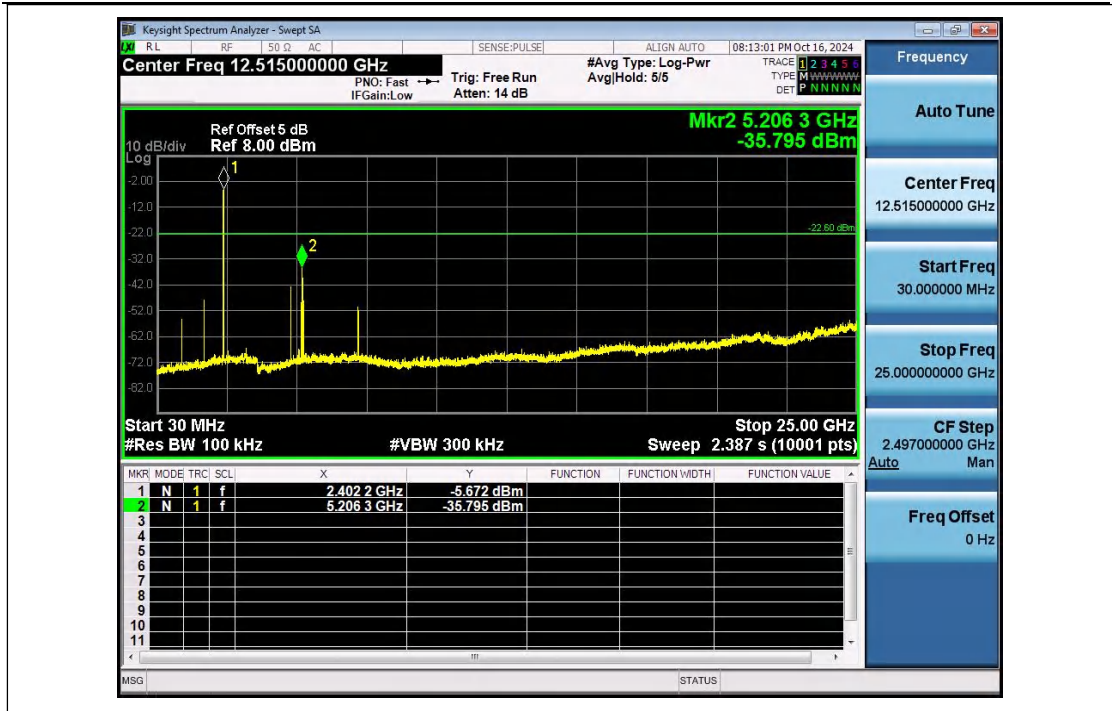


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2402

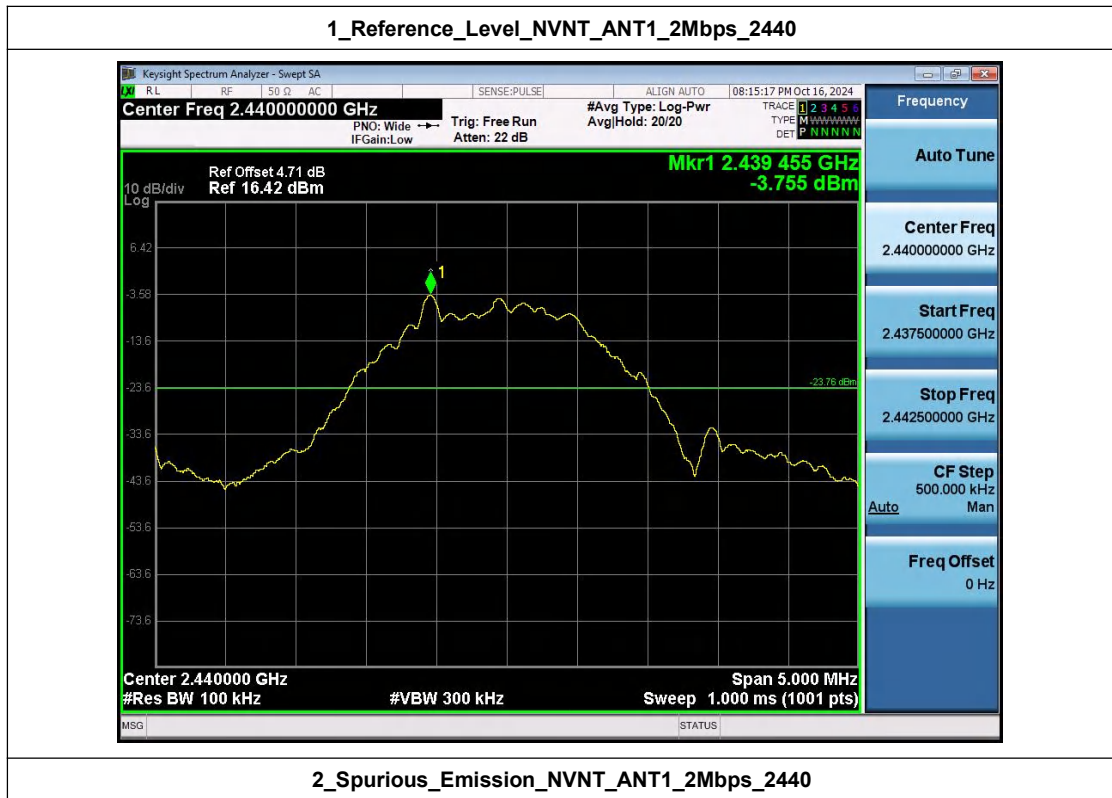


2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2402



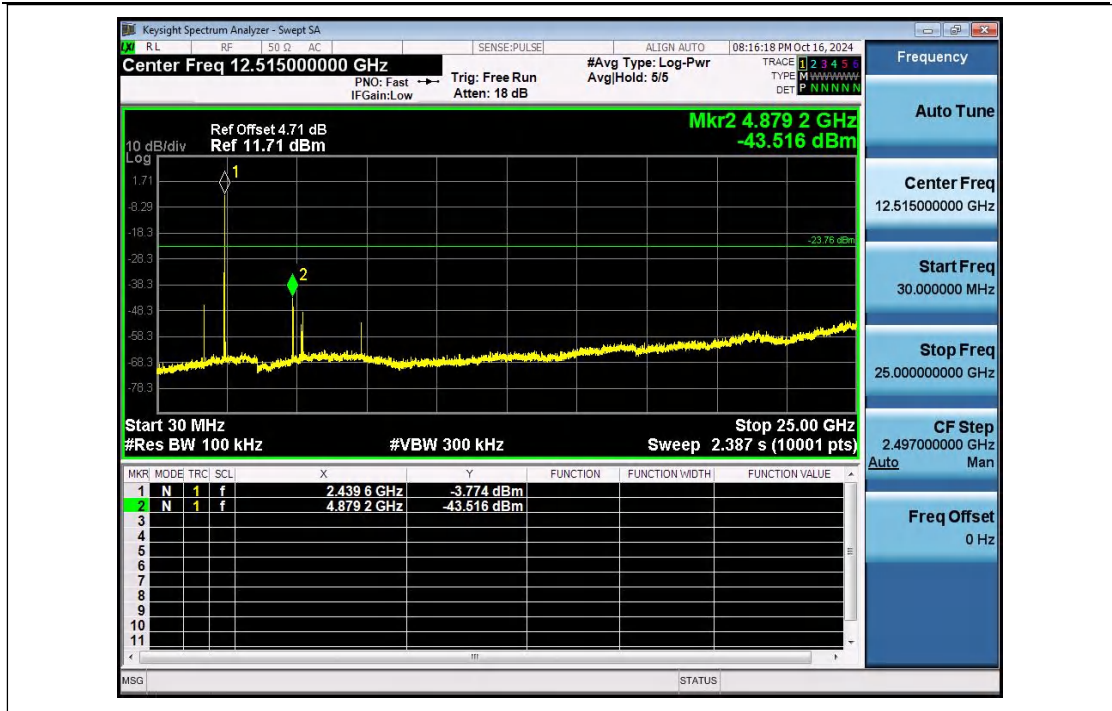


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2440

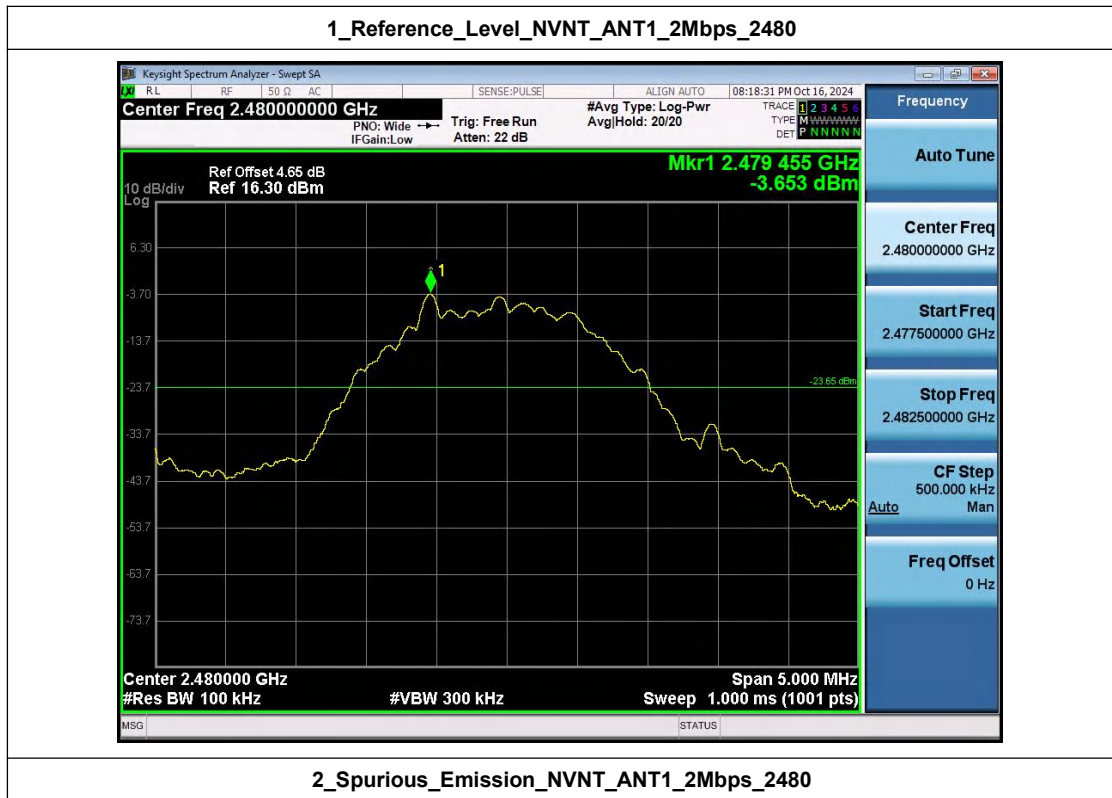


2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2440



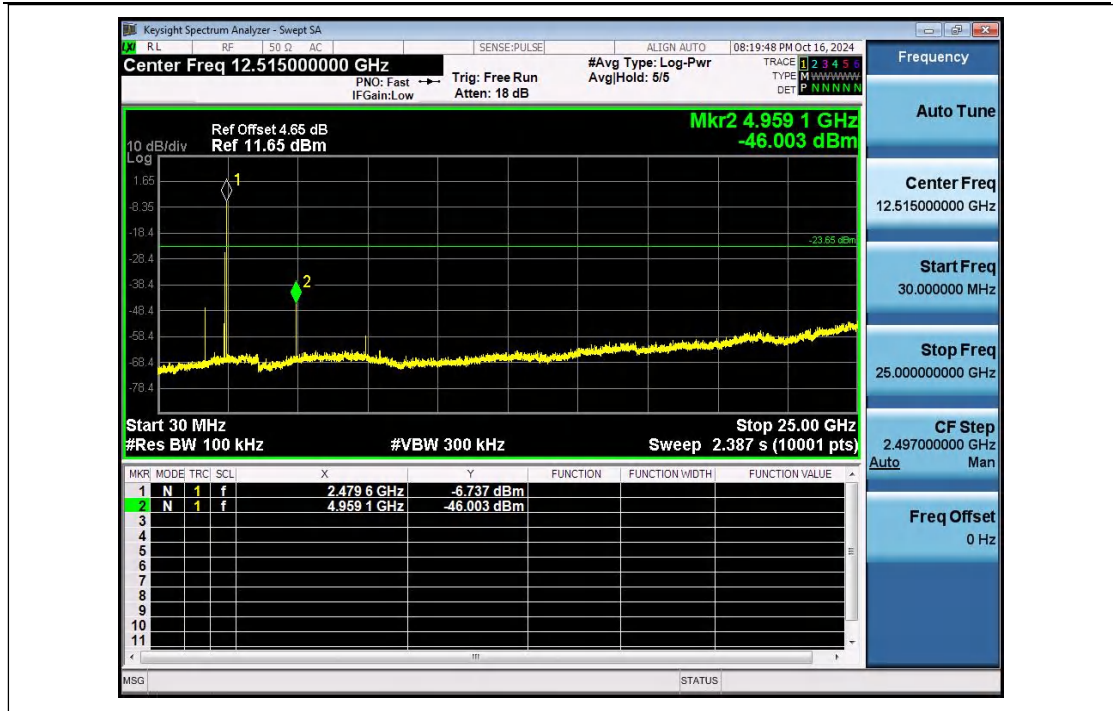


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2480



2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2480





---END---

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