

## 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

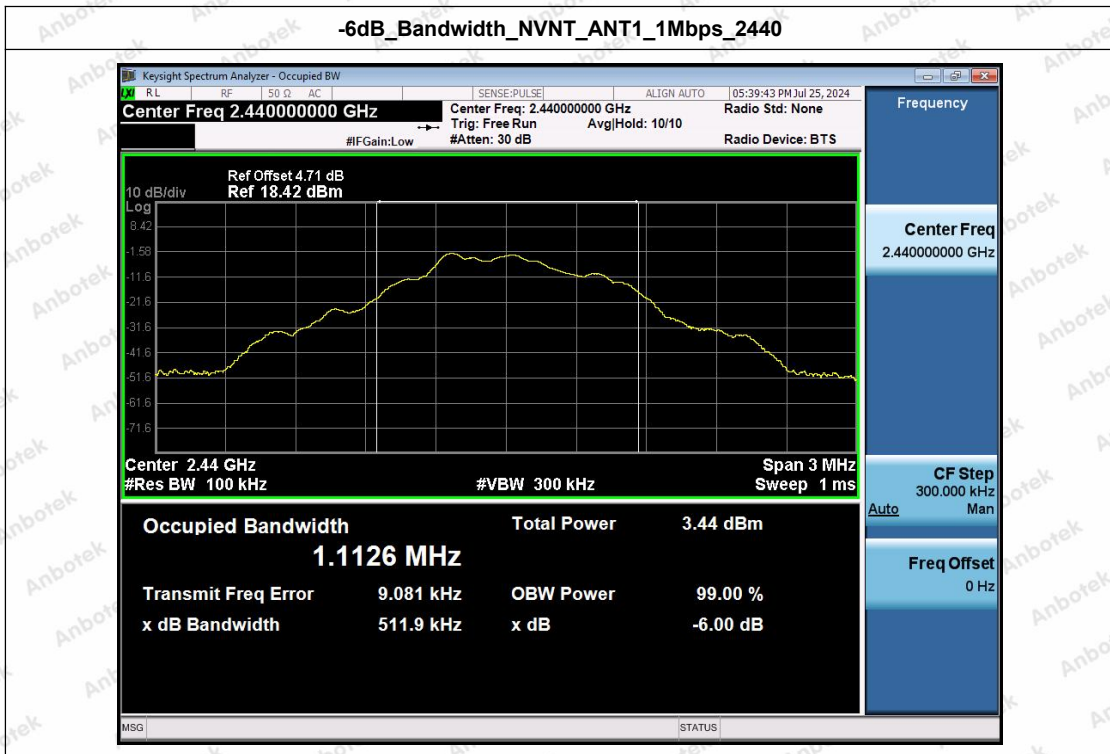
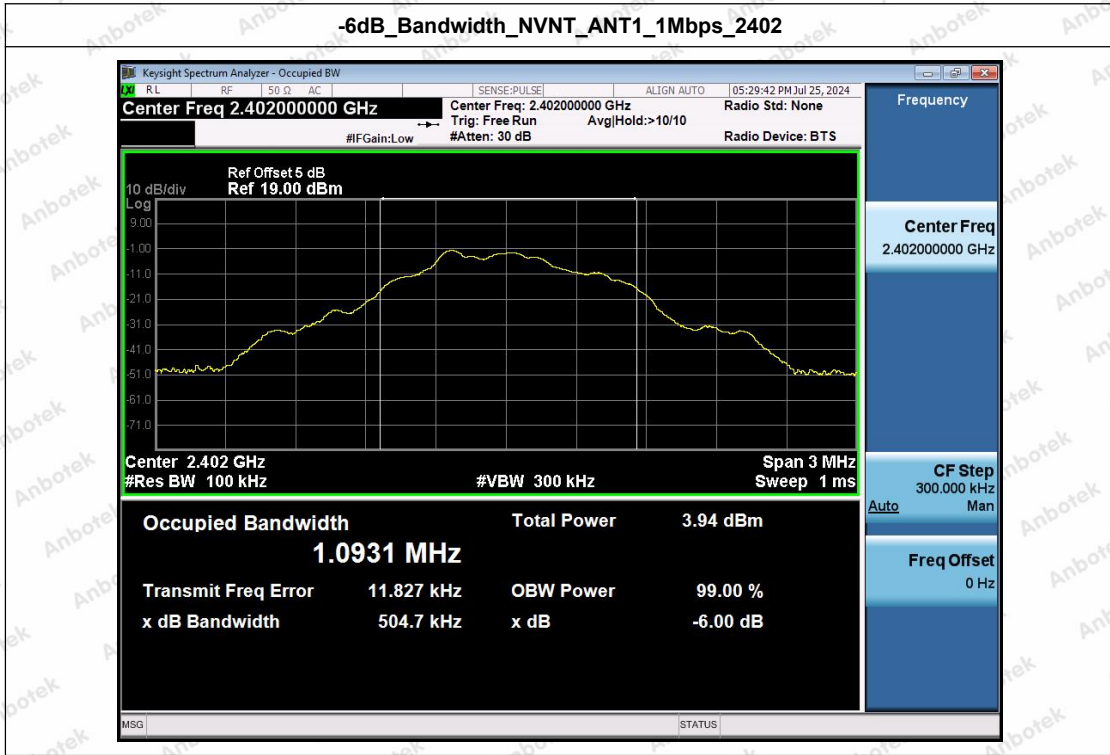
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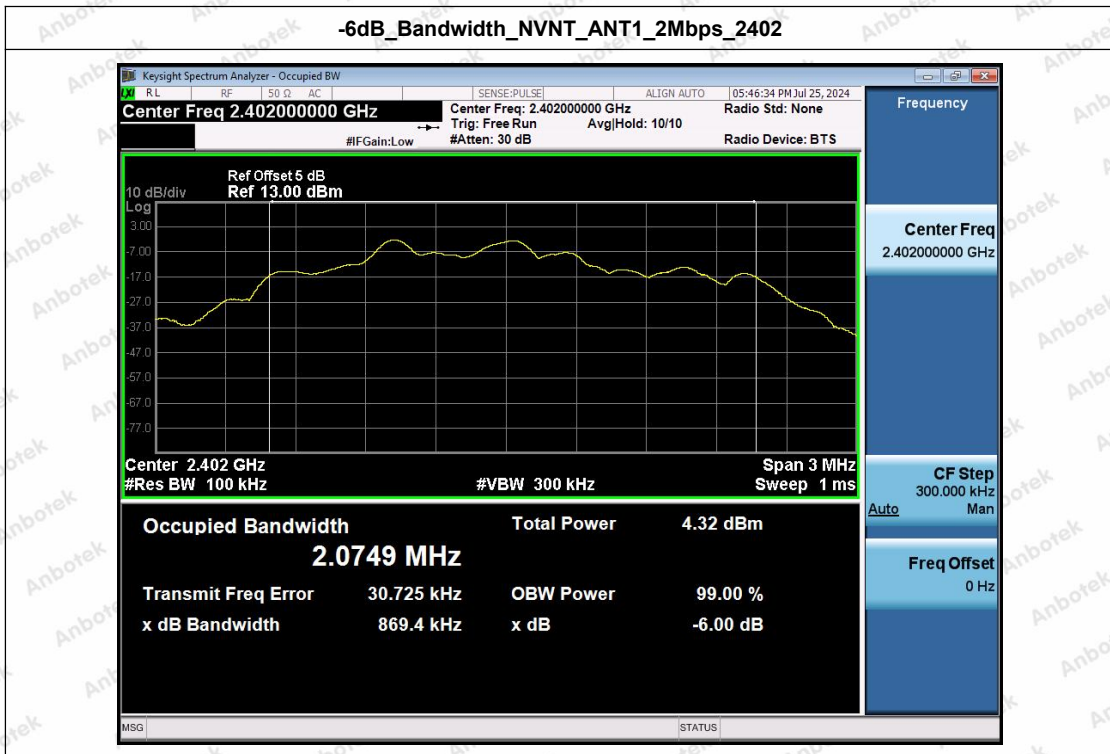
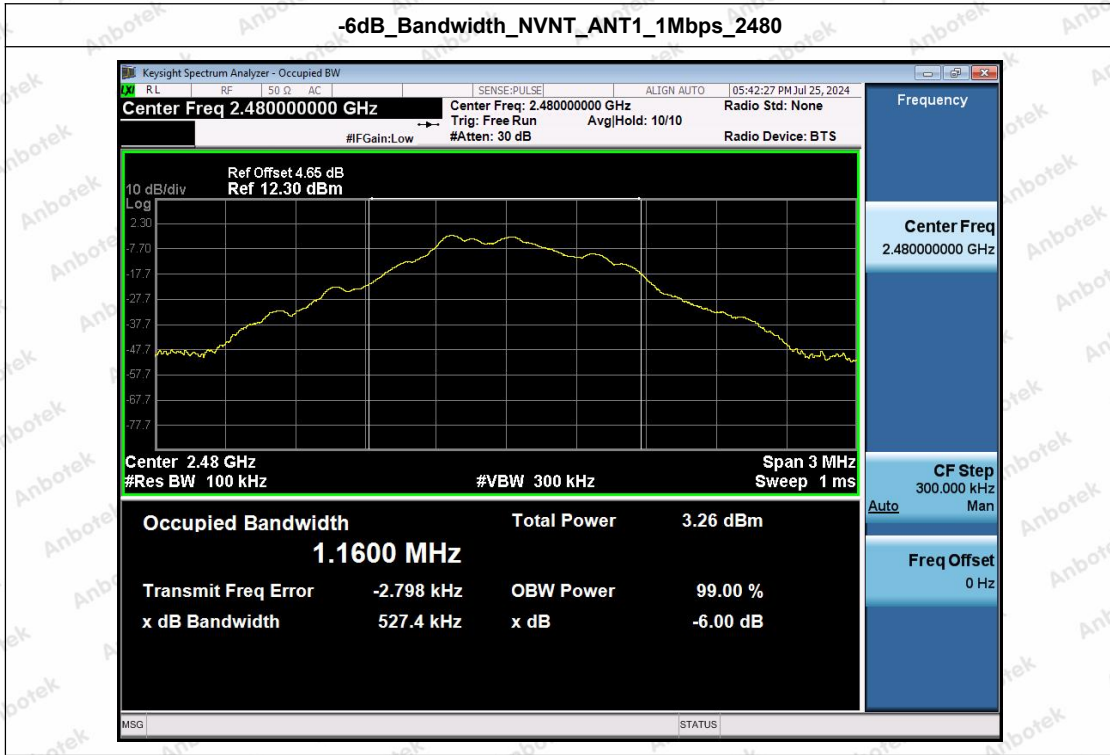
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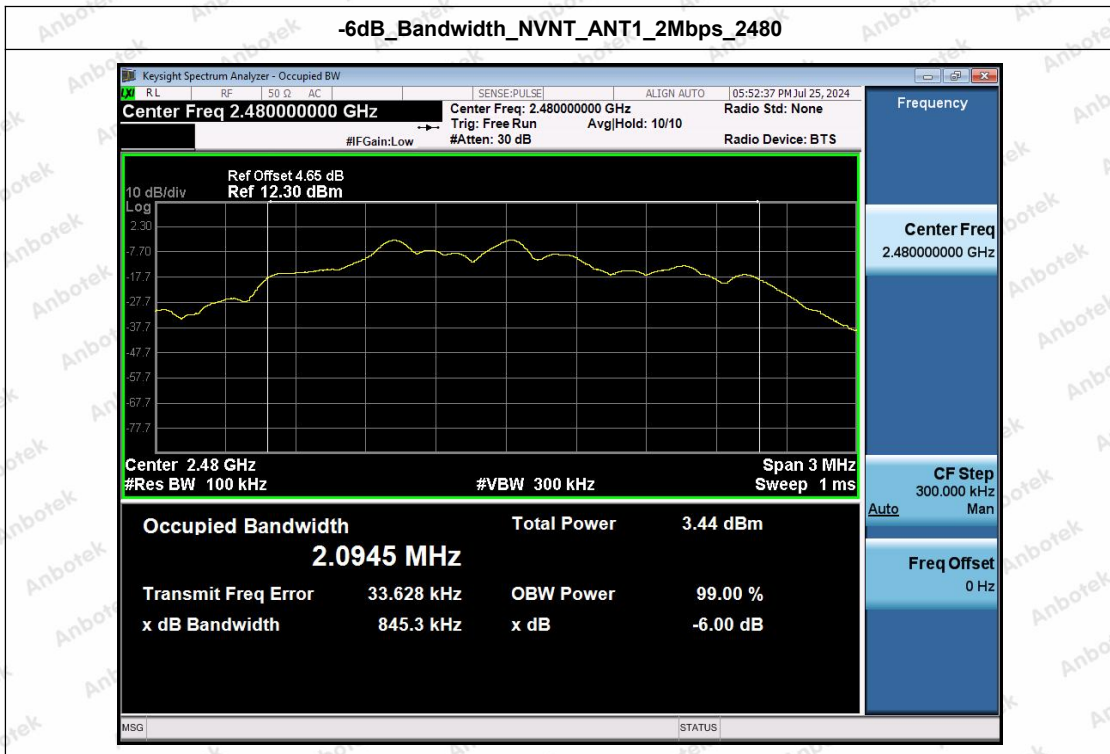
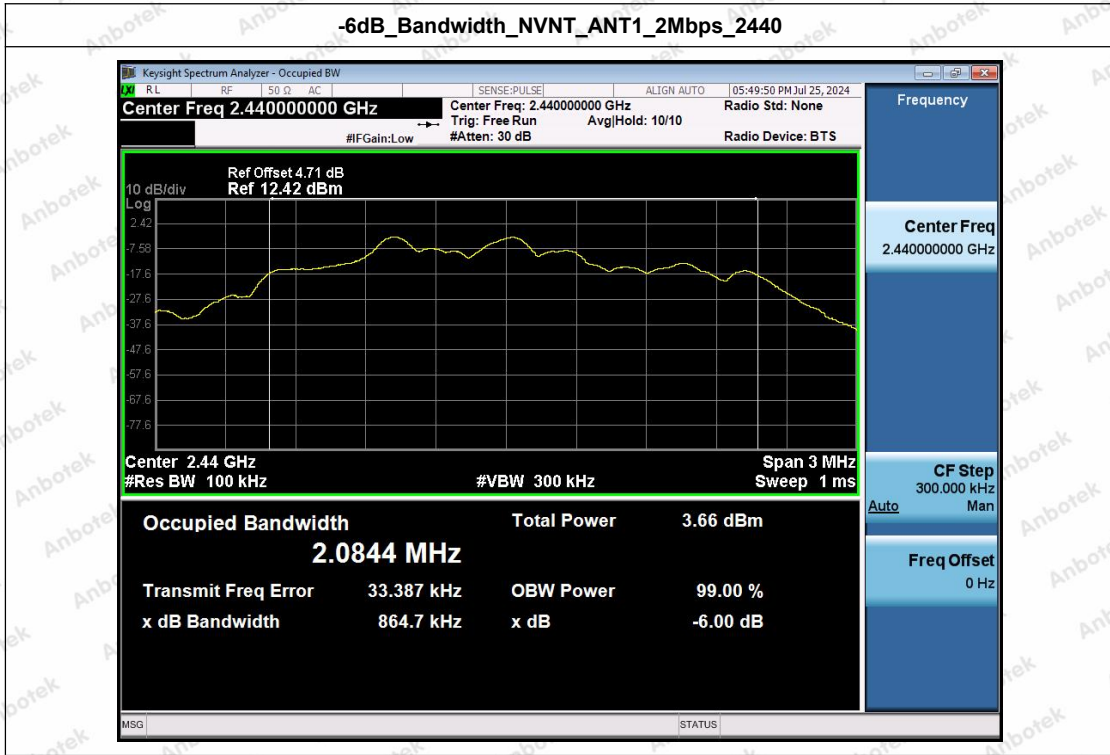
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## Appendix B: 99% Occupied Bandwidth

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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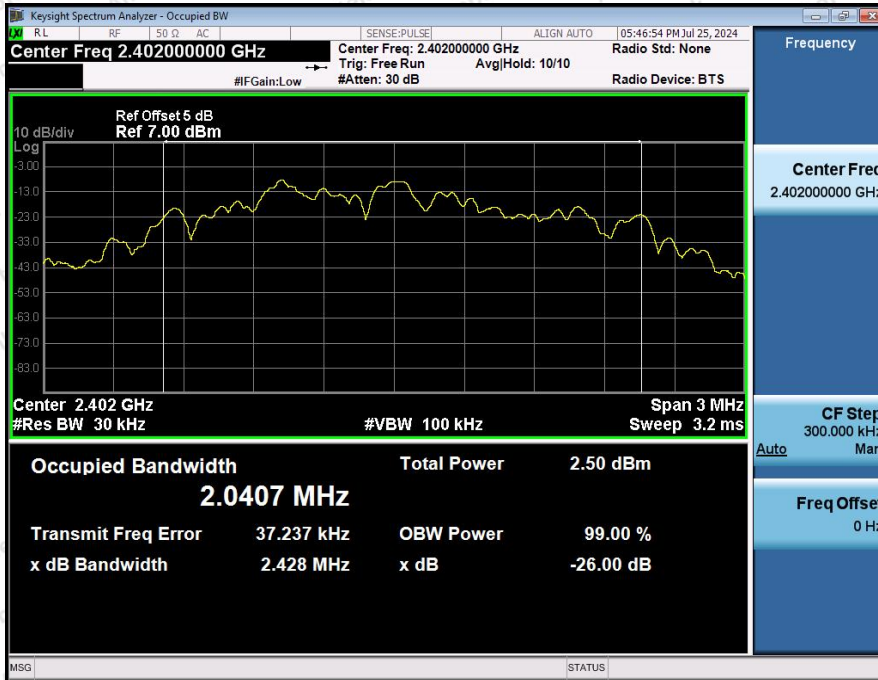




### 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2480



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



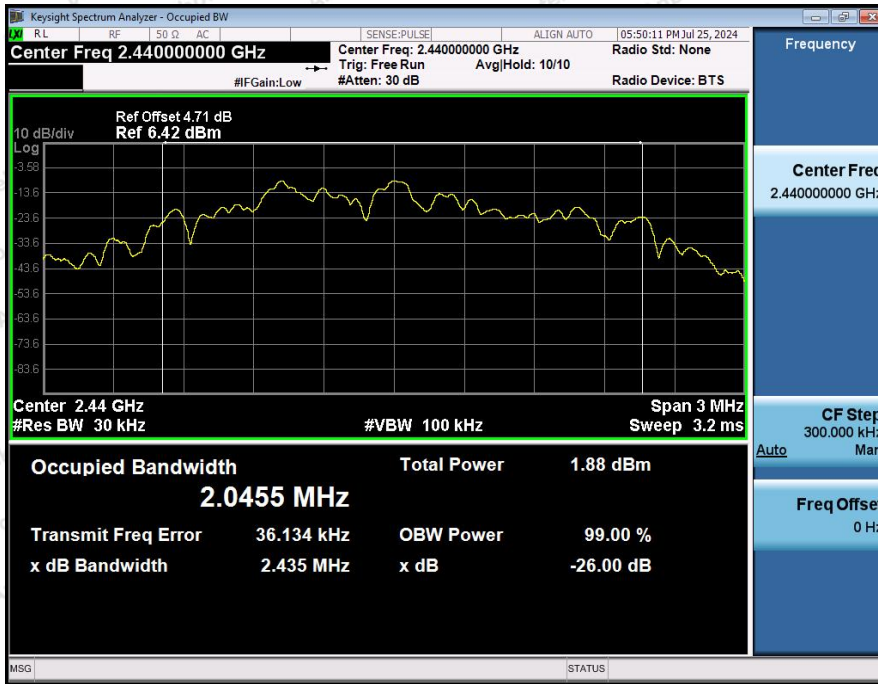
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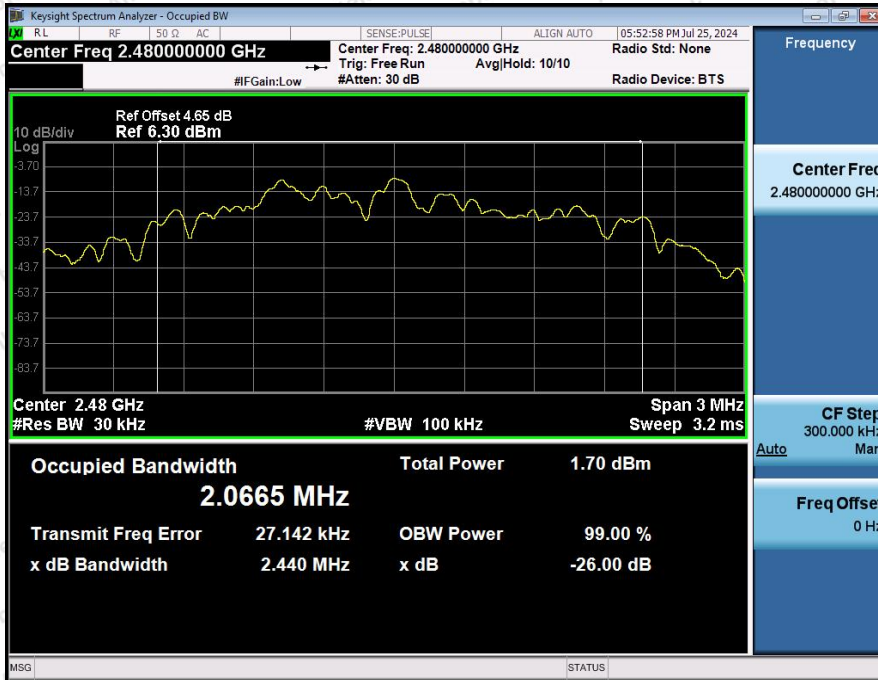
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### 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2440



### 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

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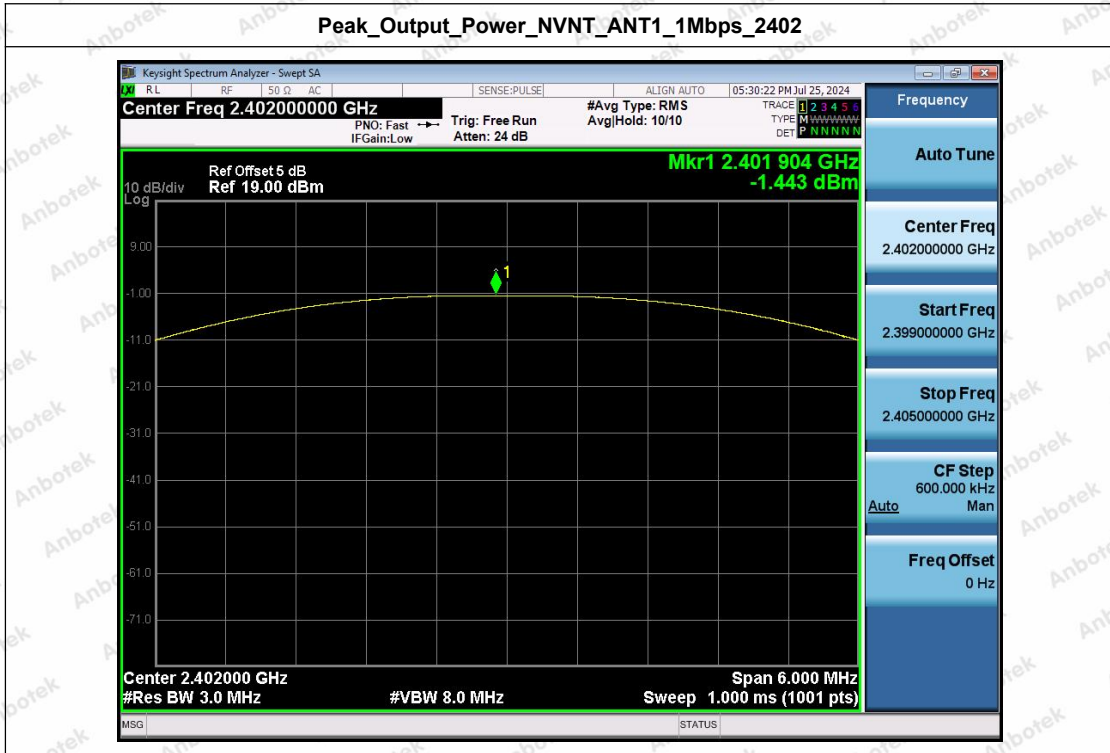
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



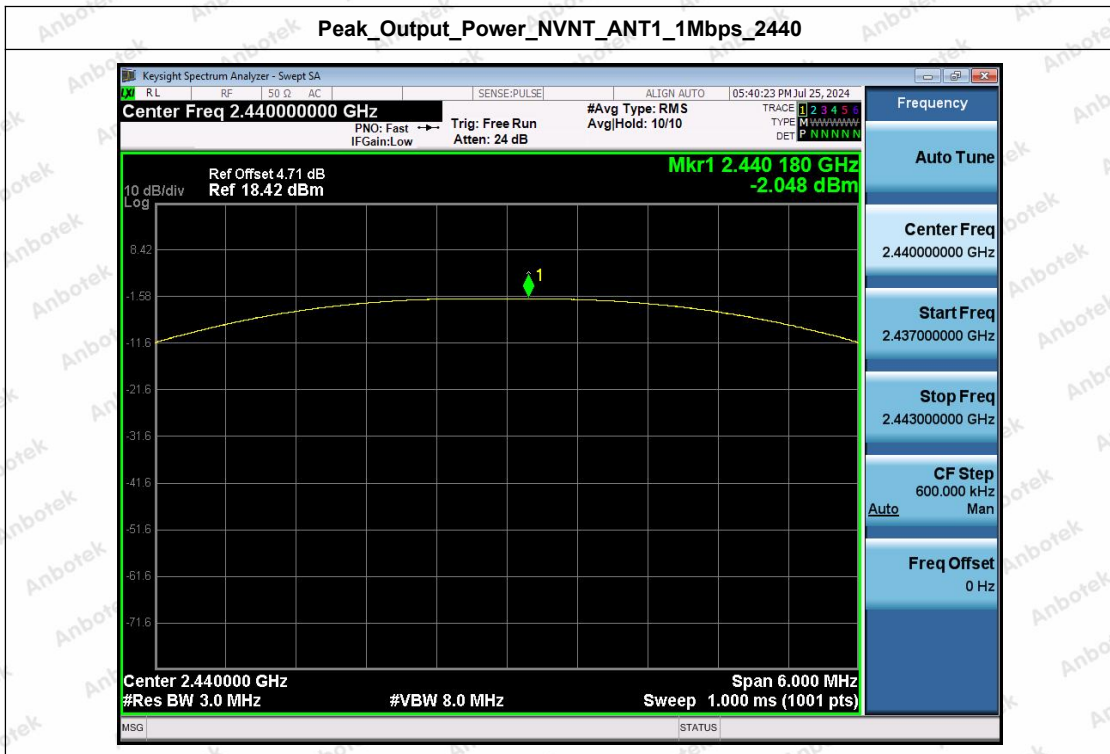
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Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2402



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



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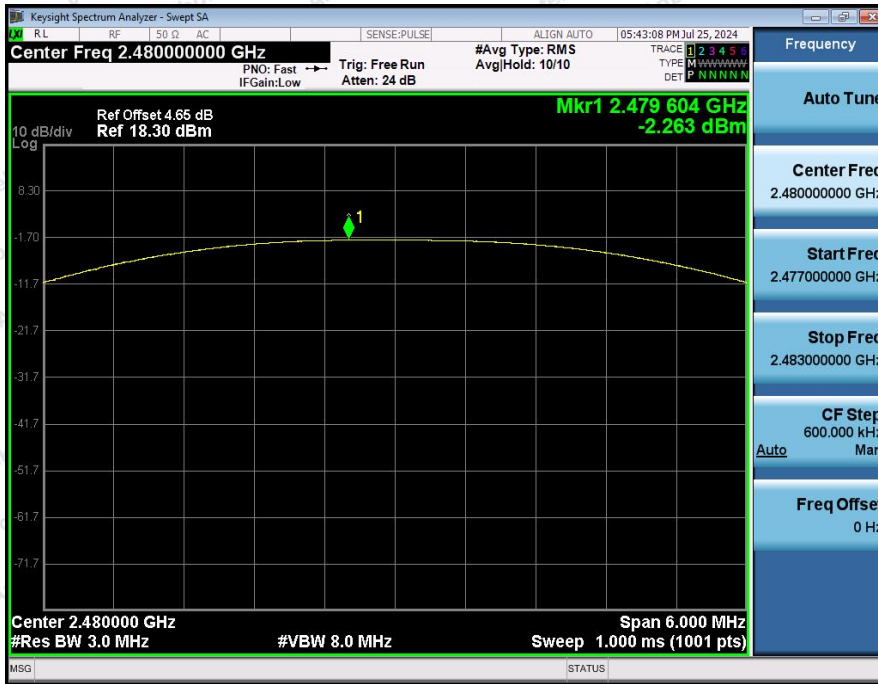
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



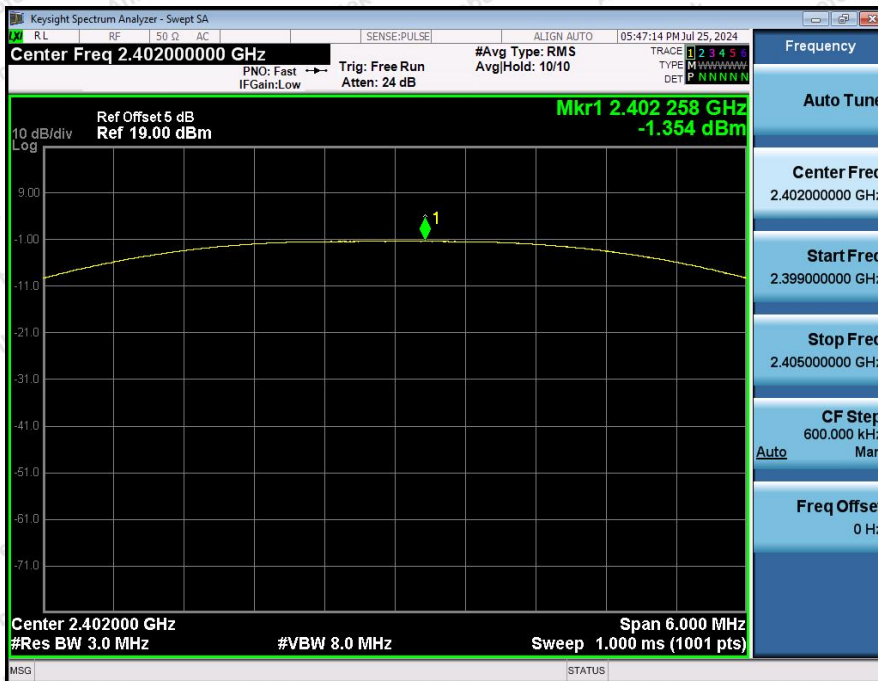
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### Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2480



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



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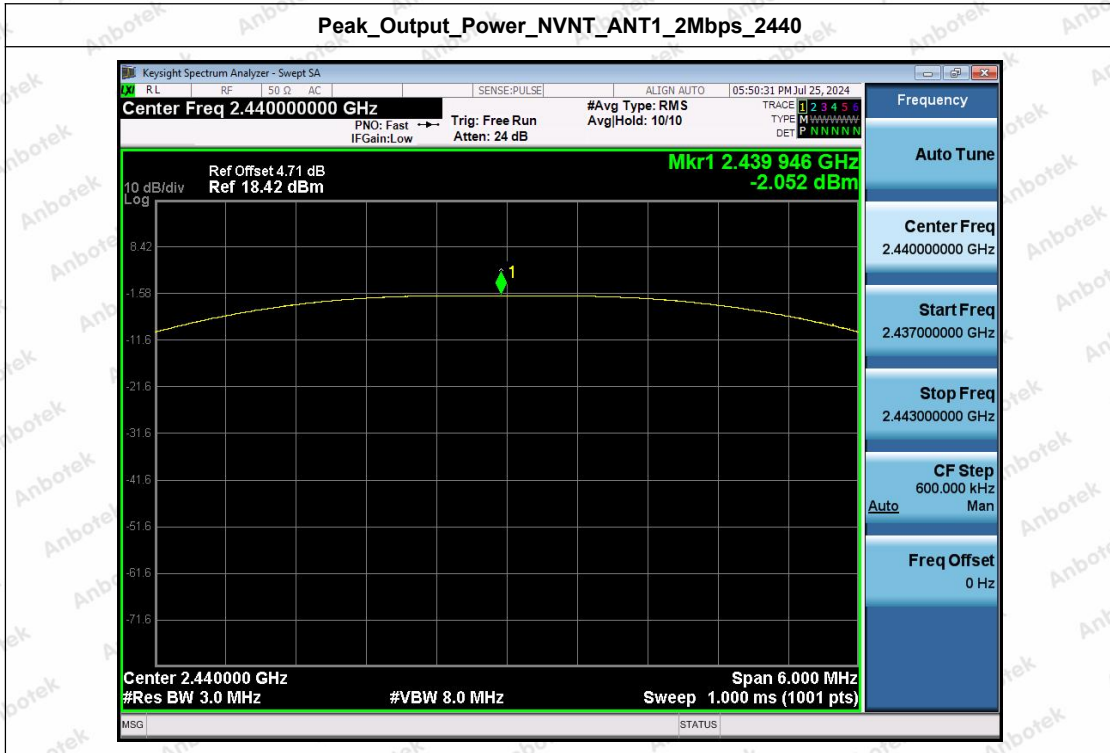


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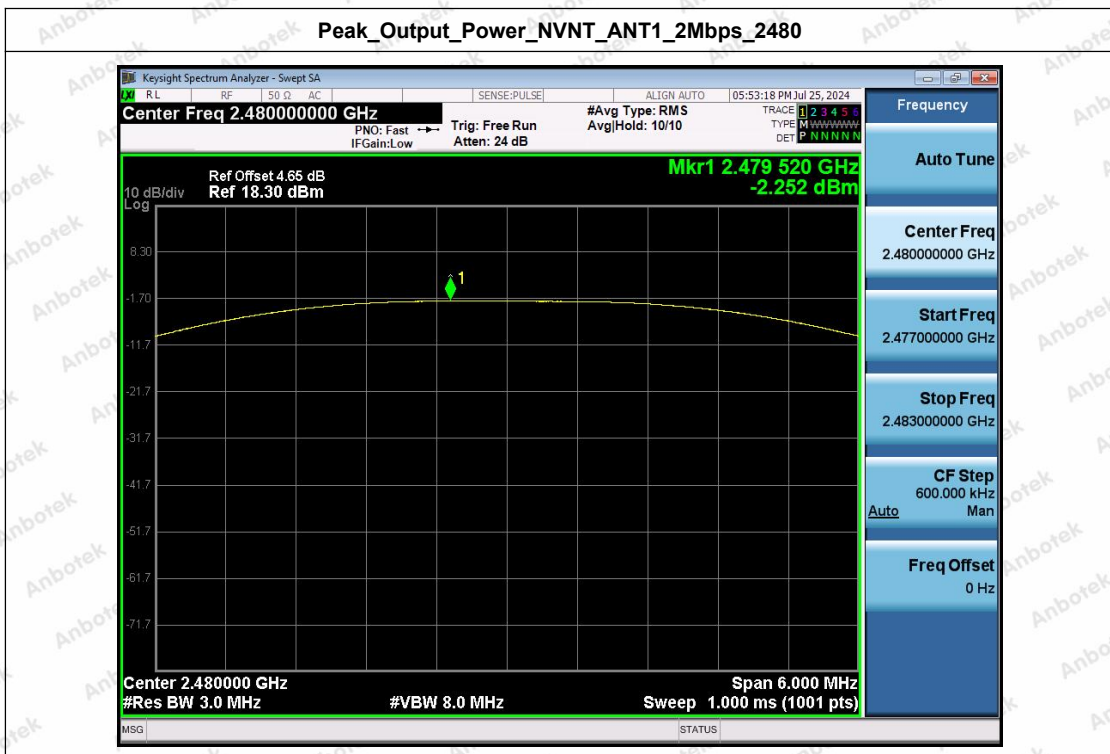




### Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2440



### 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

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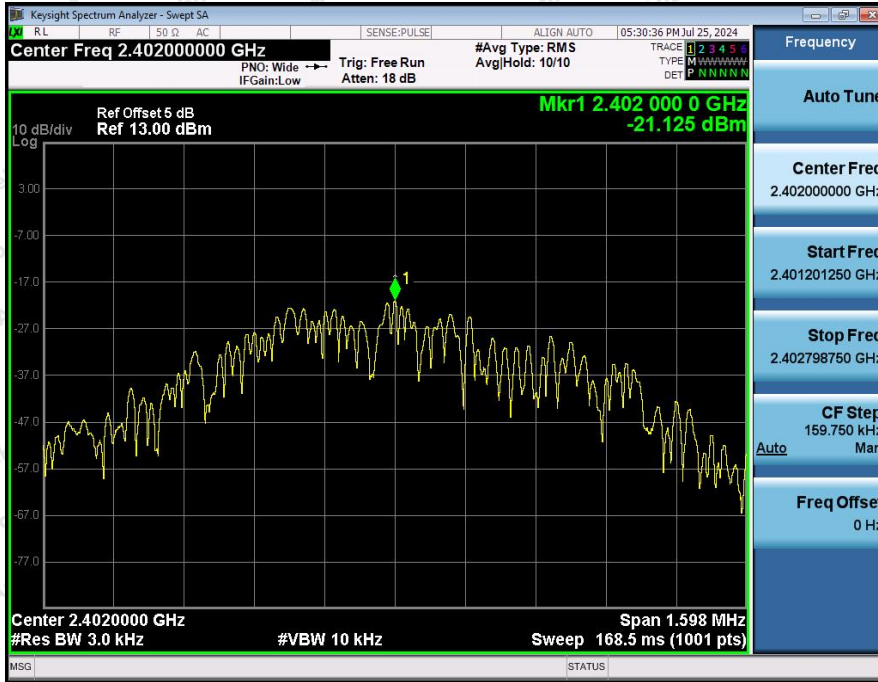
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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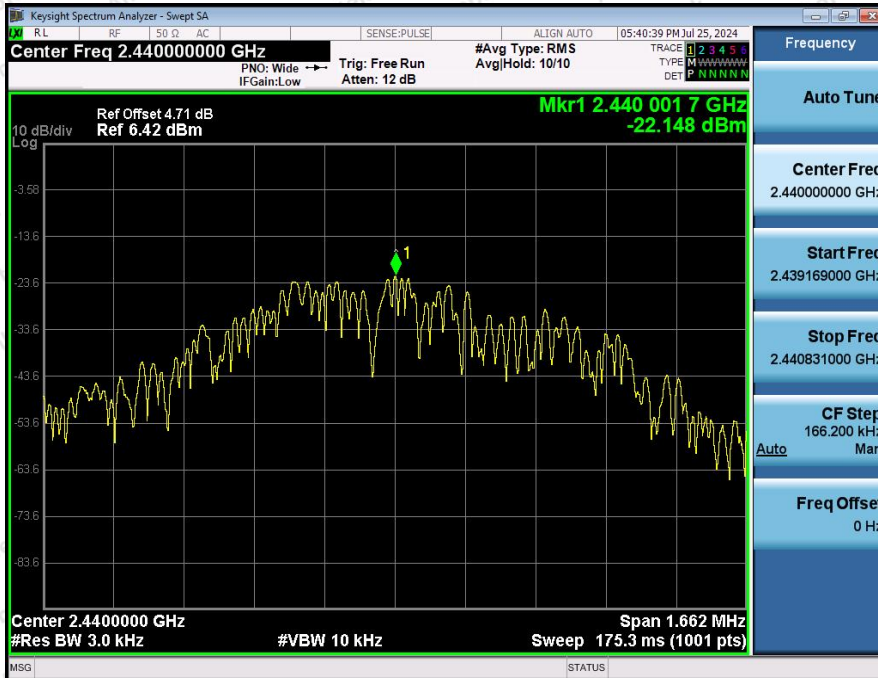
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### Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2402



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



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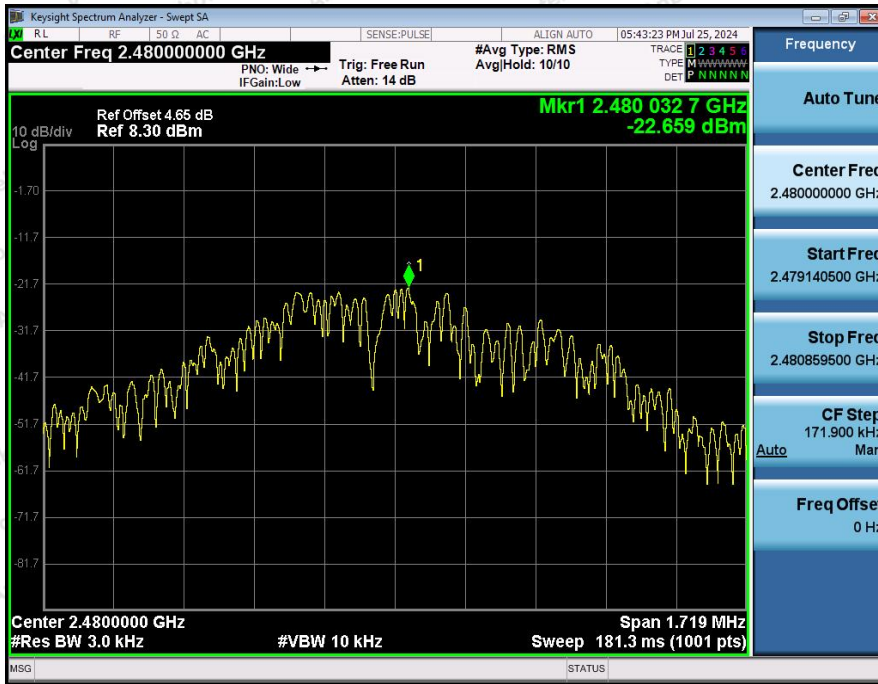


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### Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2480



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



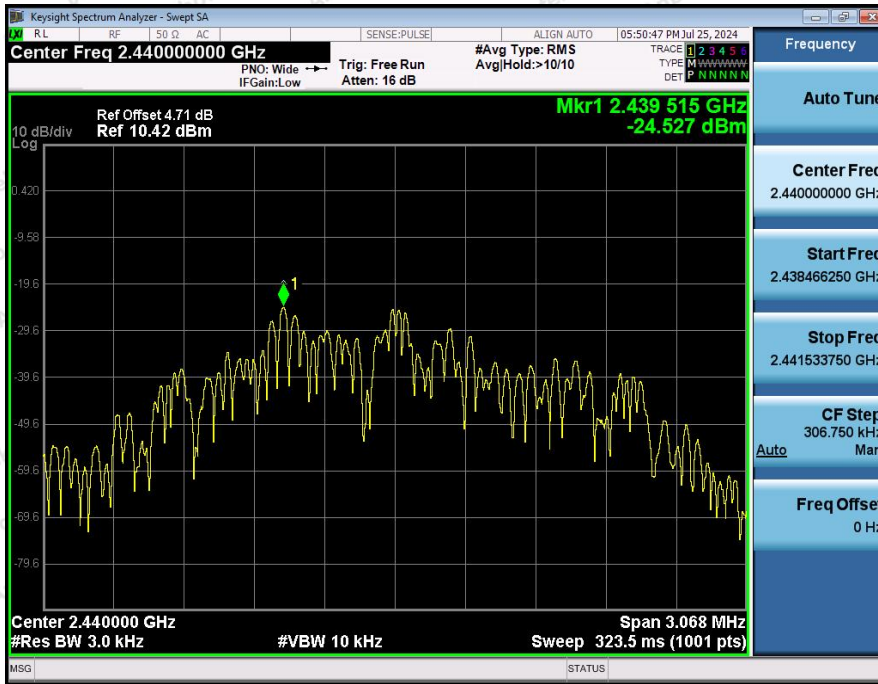
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### Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2440



### 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

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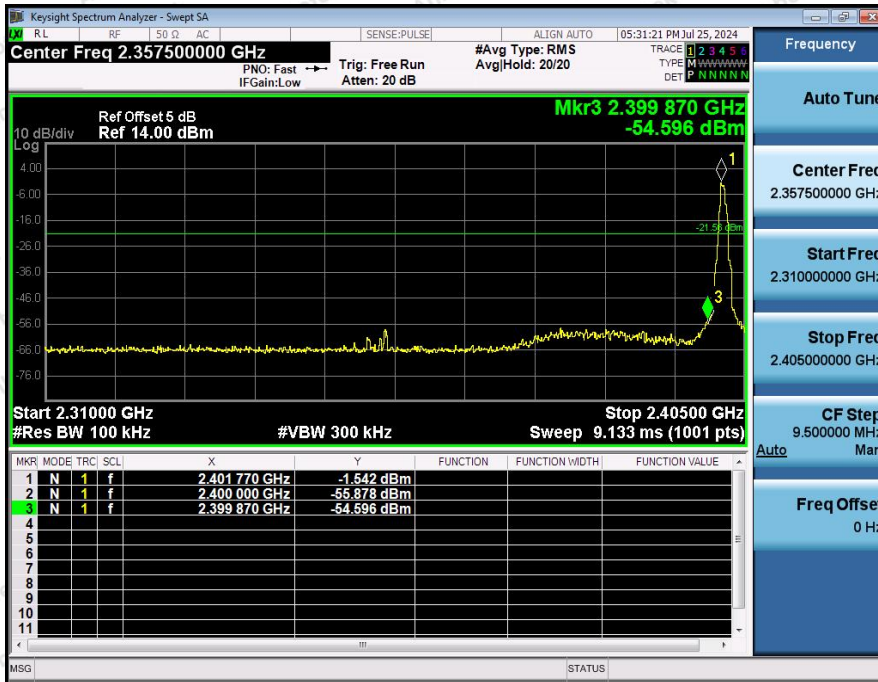




### 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2402



### 2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2402



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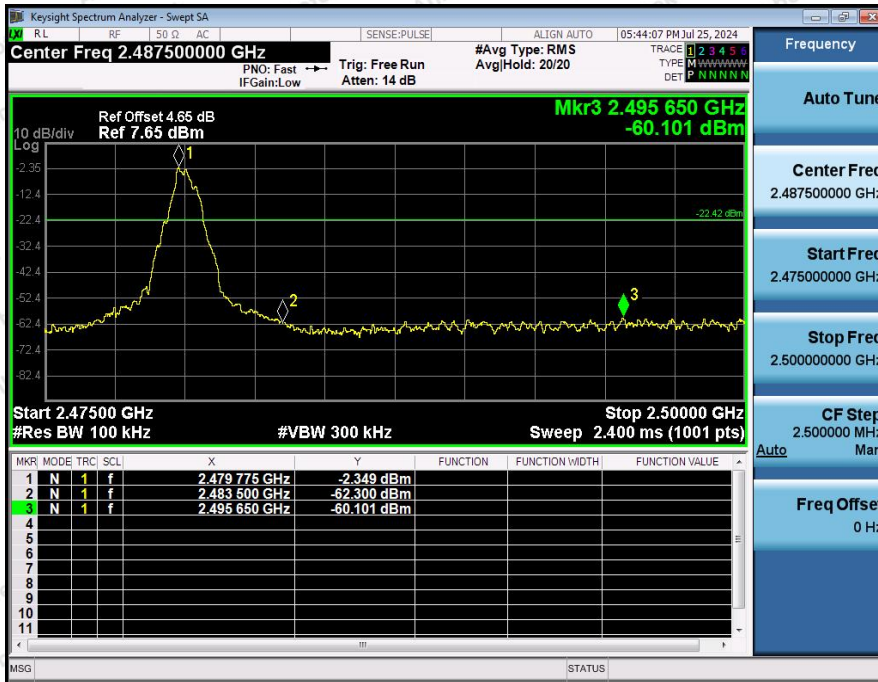
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### 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480



### 2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



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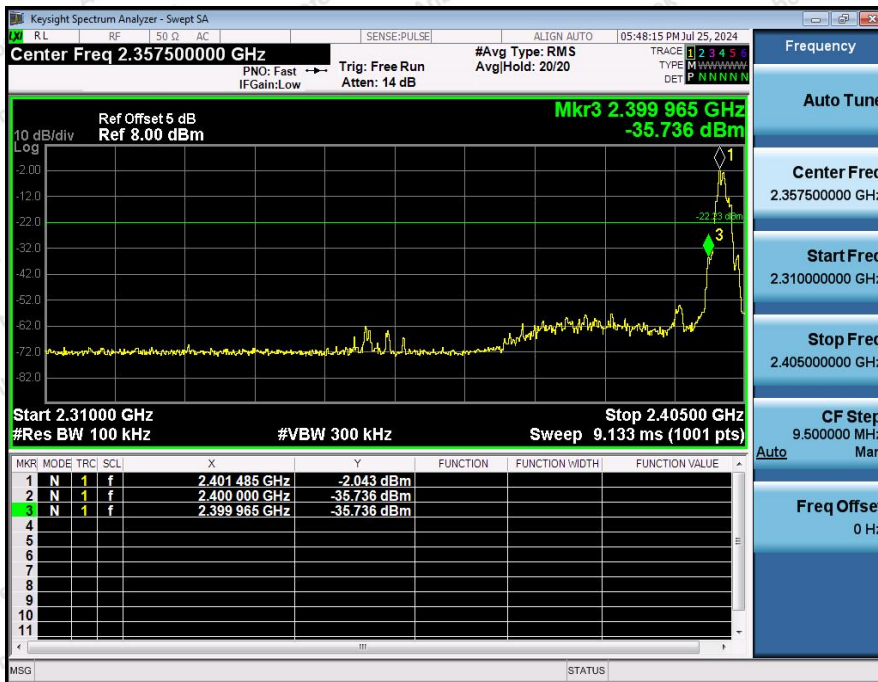




### 1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2402



### 2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2402



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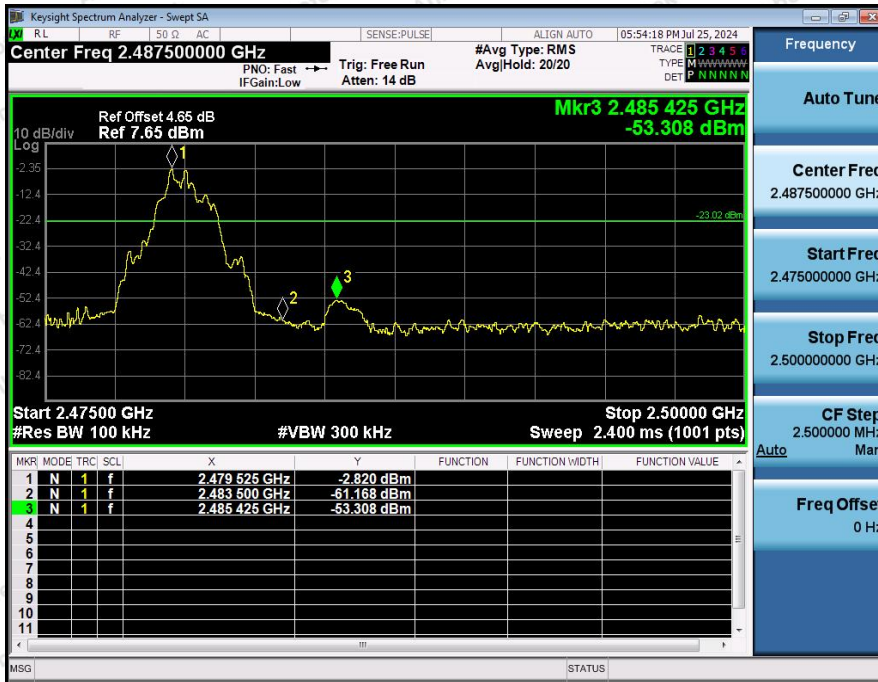




### 1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2480



### 2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2480



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## 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

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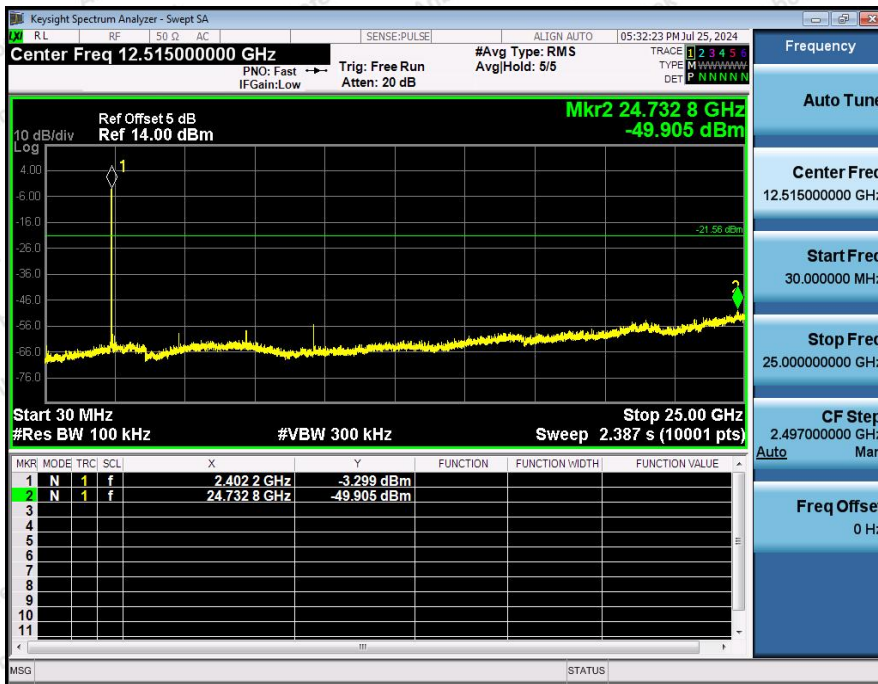
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### 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2402



### 2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2402



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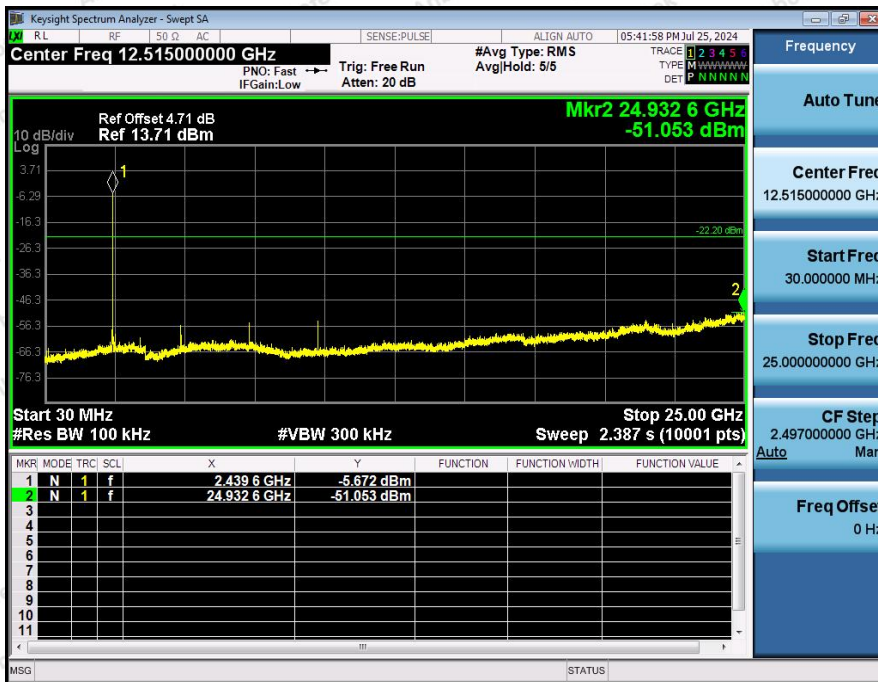




### 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440



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



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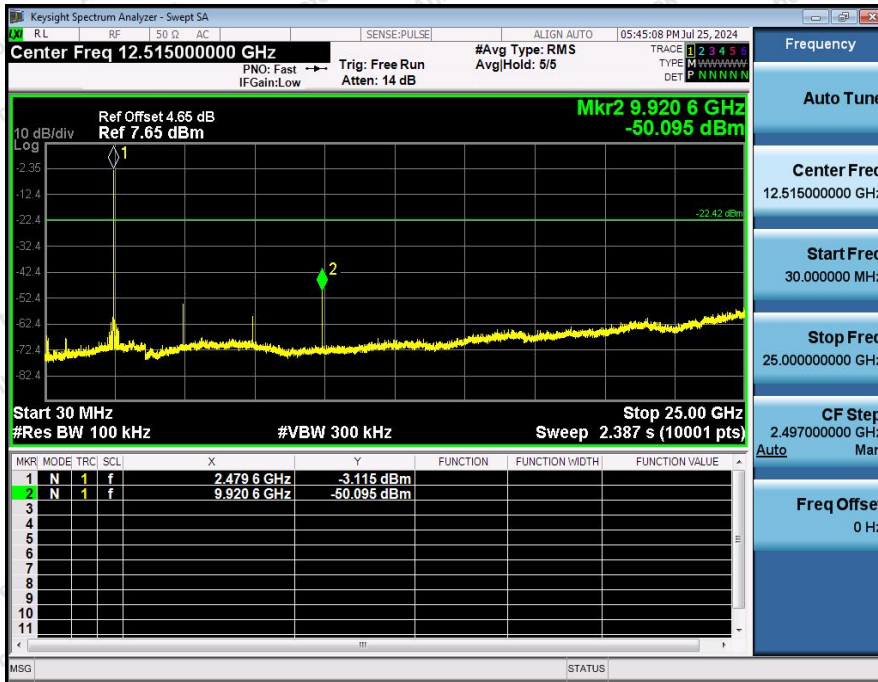
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### 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480



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



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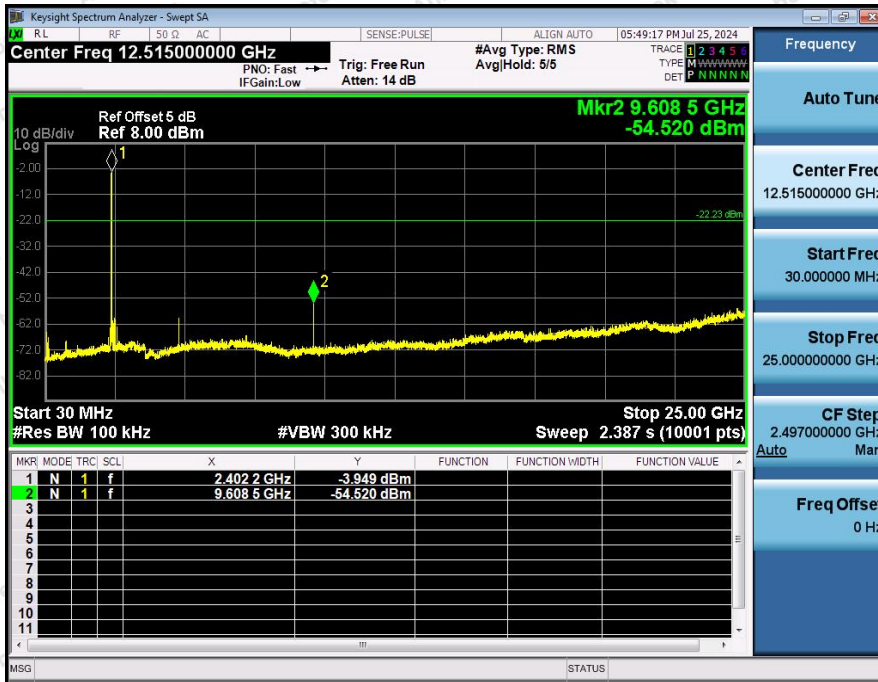




### 1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2402



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



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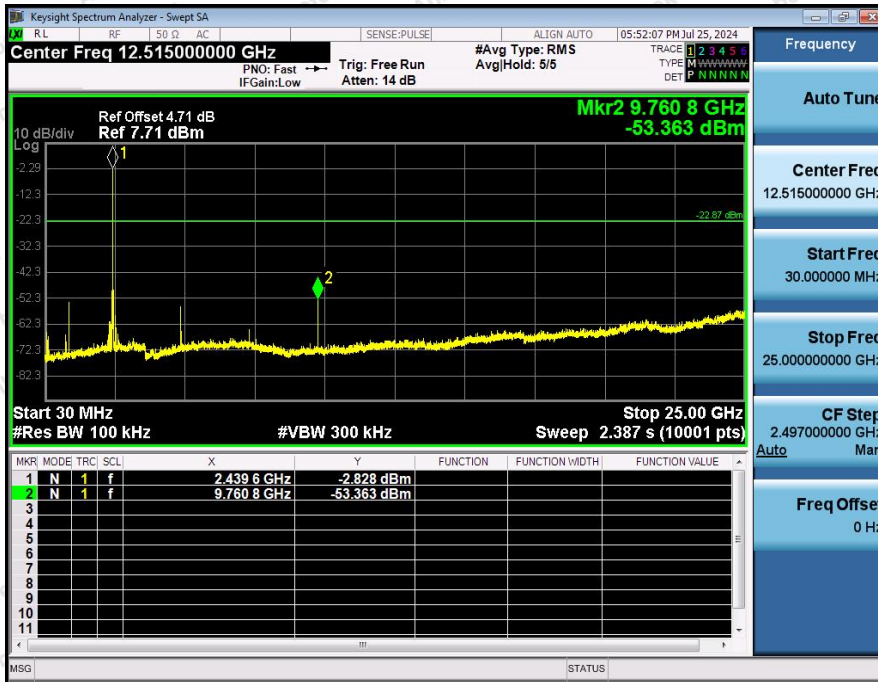




### 1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2440



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



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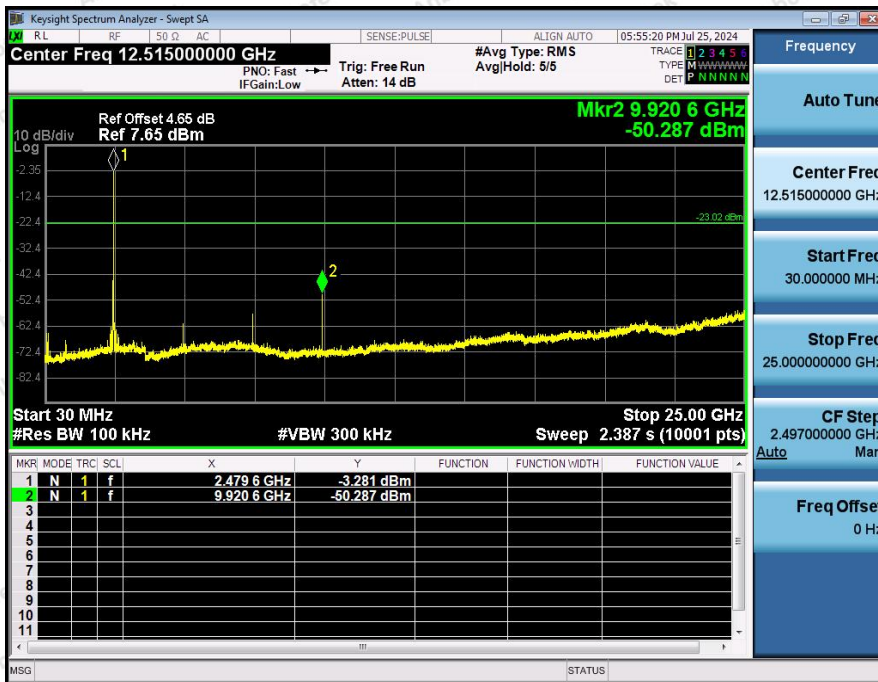
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### 1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2480



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



---END---

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