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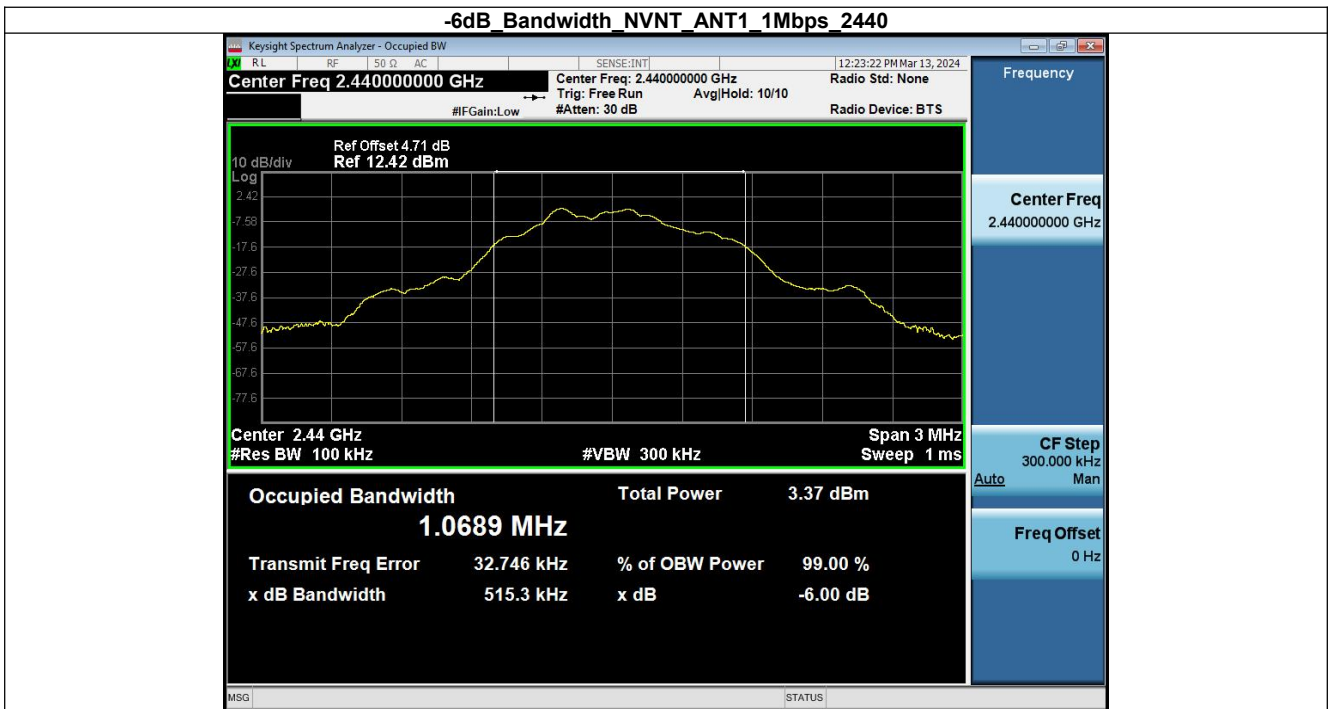
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# FCC ID BLE

## FCC Part 15.247 Test Data

### 1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	538.56	500	Pass
NVNT	ANT1	1Mbps	2440.00	515.33	500	Pass
NVNT	ANT1	1Mbps	2480	517.36	500	Pass



**-6dB Bandwidth NVNT ANT1 1Mbps 2480**



## 2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.031
NVNT	ANT1	1Mbps	2440.00	1.030
NVNT	ANT1	1Mbps	2480	1.025

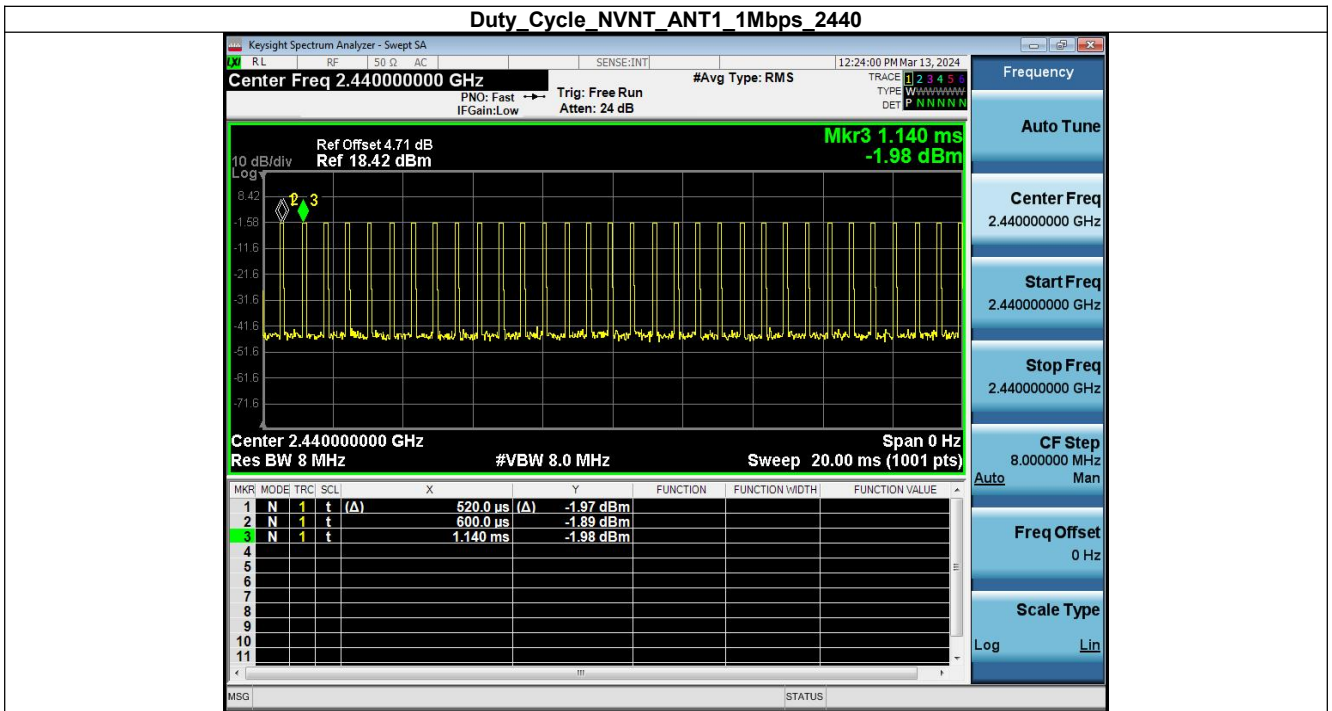
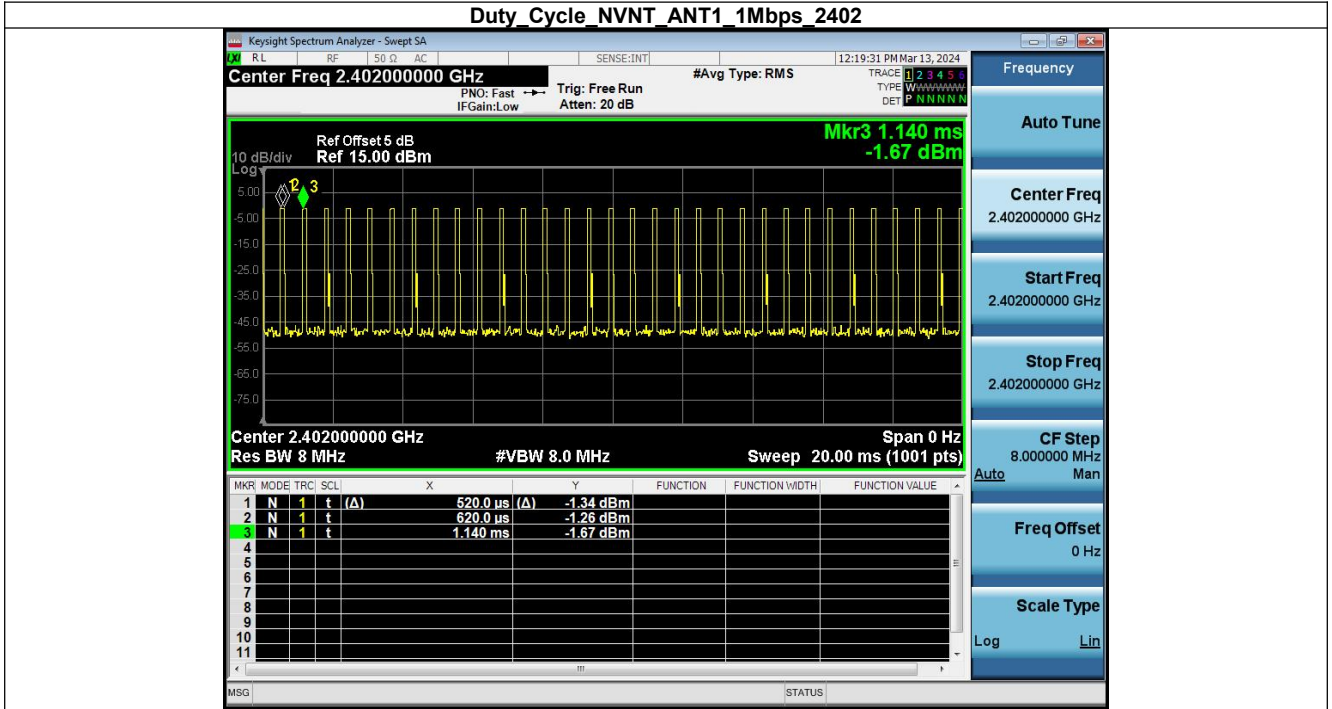


**99% Occupied Bandwidth NVNT ANT1 1Mbps 2480**

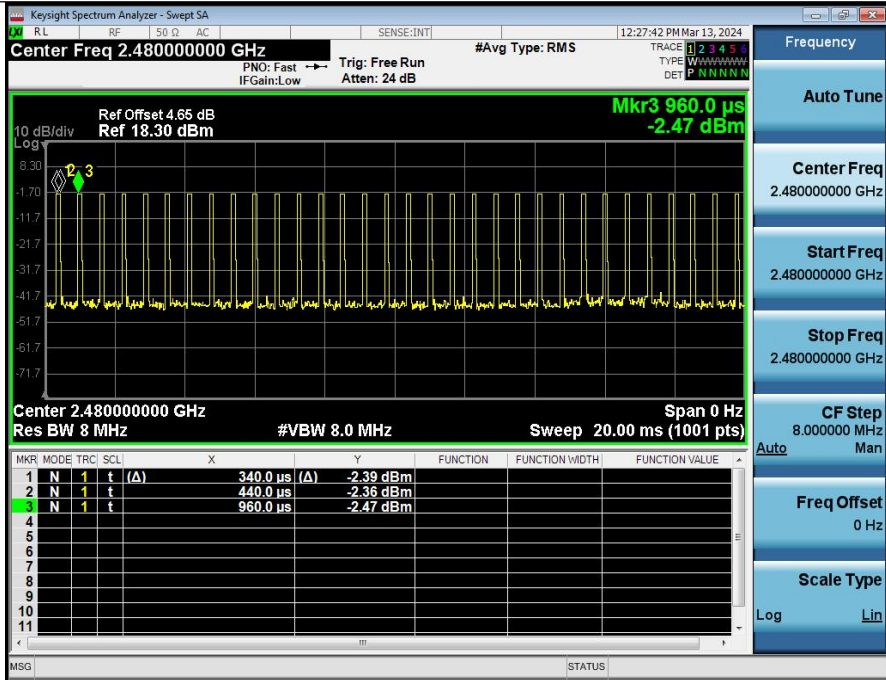


### 3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402	19.35	7.13
NVNT	ANT1	1Mbps	2440.00	12.90	8.89
NVNT	ANT1	1Mbps	2480	16.13	7.92

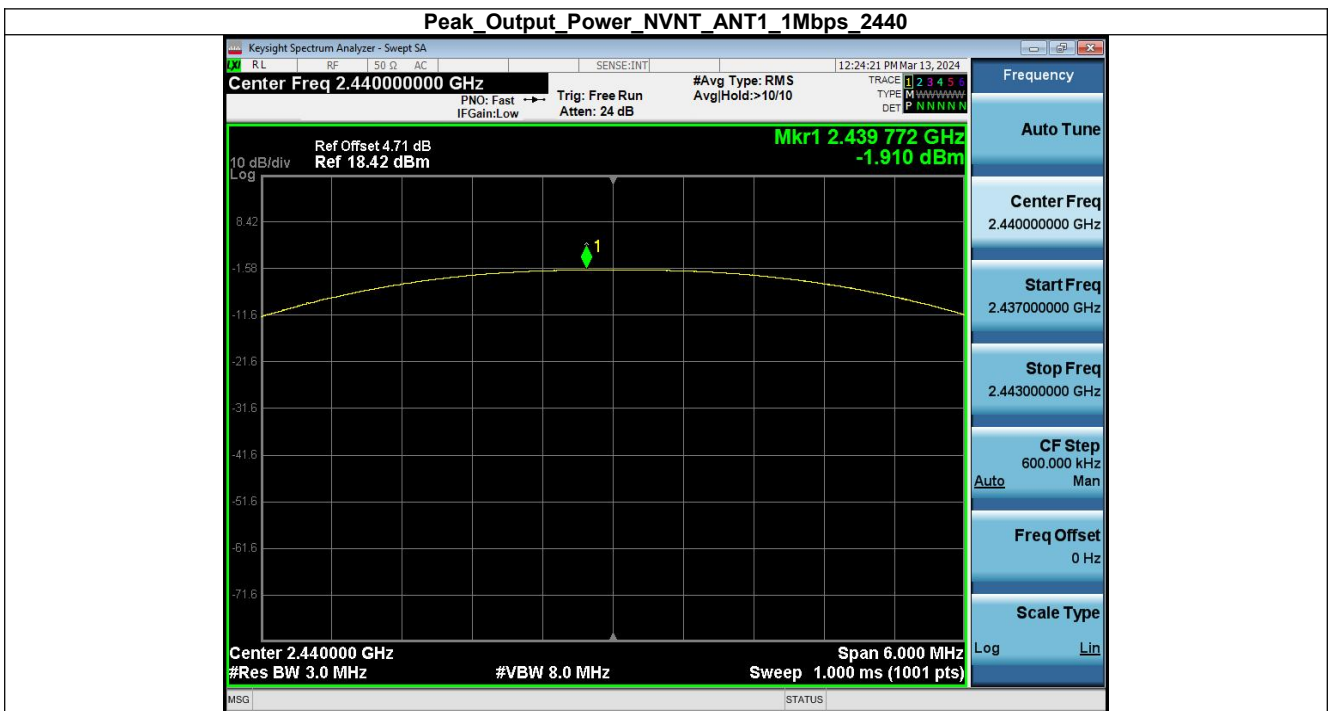
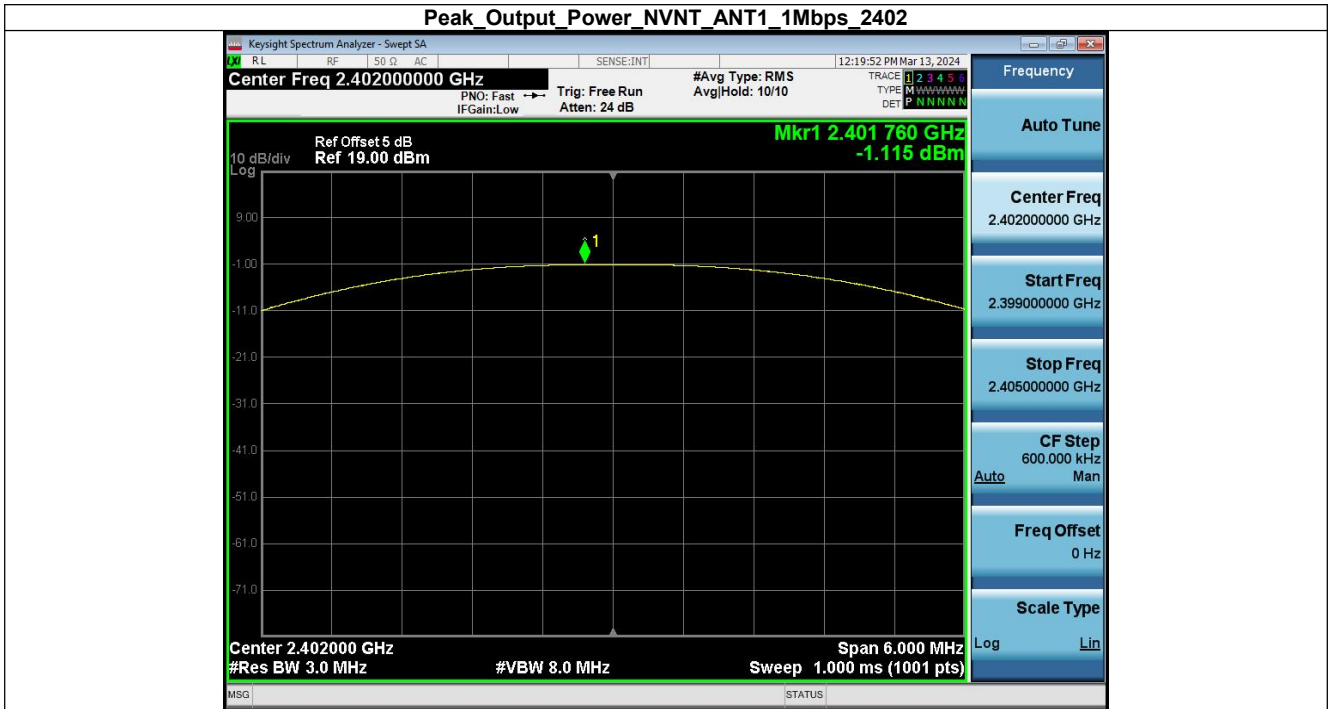


**Duty Cycle\_NVNT\_ANT1\_1Mbps\_2480**



## 4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	-1.11	0.77	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.91	0.64	1000	Pass
NVNT	ANT1	1Mbps	2480	-2.37	0.58	1000	Pass



**Peak Output Power\_NVNT\_ANT1\_1Mbps\_2480**





## 5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-20.61	8	Pass
NVNT	ANT1	1Mbps	2440.00	-21.74	8	Pass
NVNT	ANT1	1Mbps	2480	-22.16	8	Pass

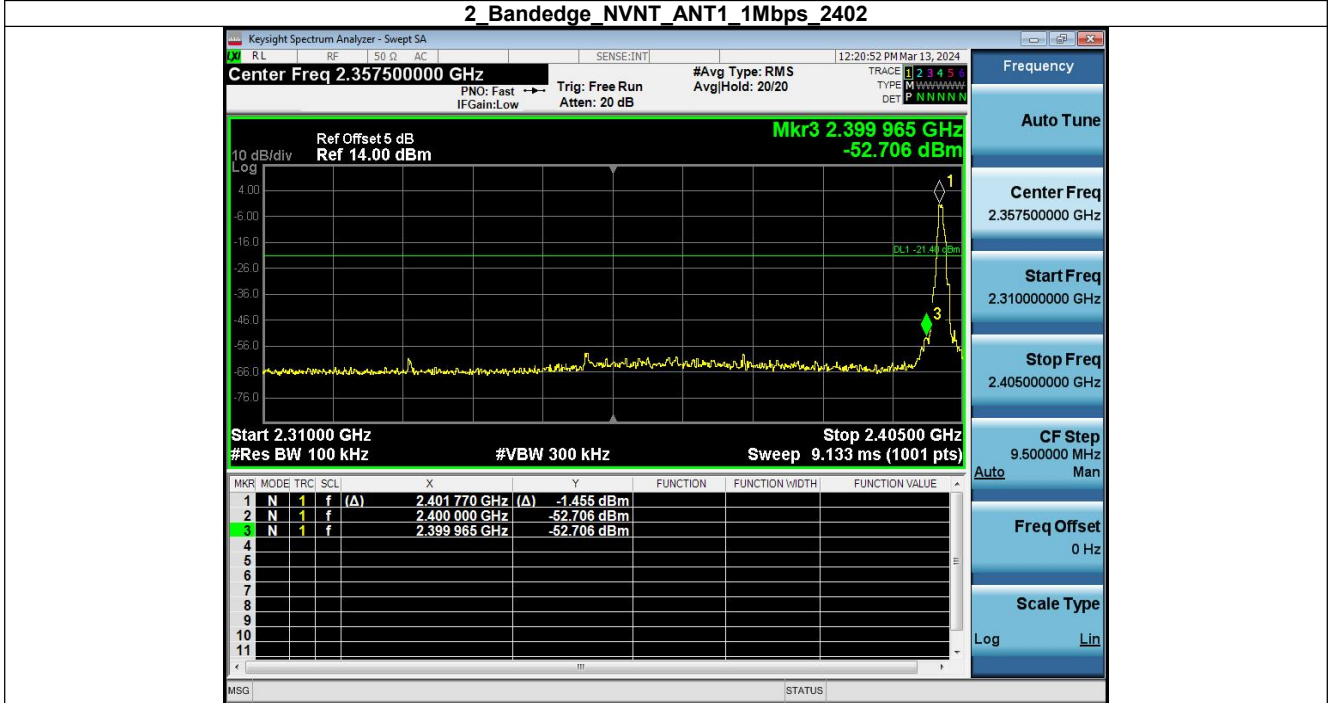


**Power Spectral Density NVNT\_ANT1\_1Mbps\_2480**



## 6. Bandedge

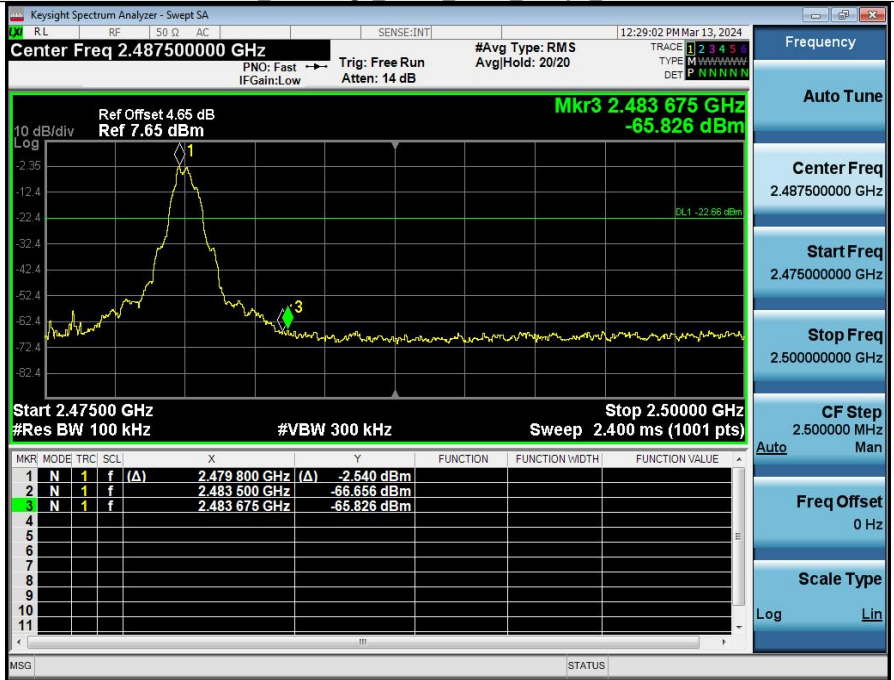
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.965	-52.706	-21.395	Pass
NVNT	ANT1	1Mbps	2480	2483.675	-65.826	-22.656	Pass



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

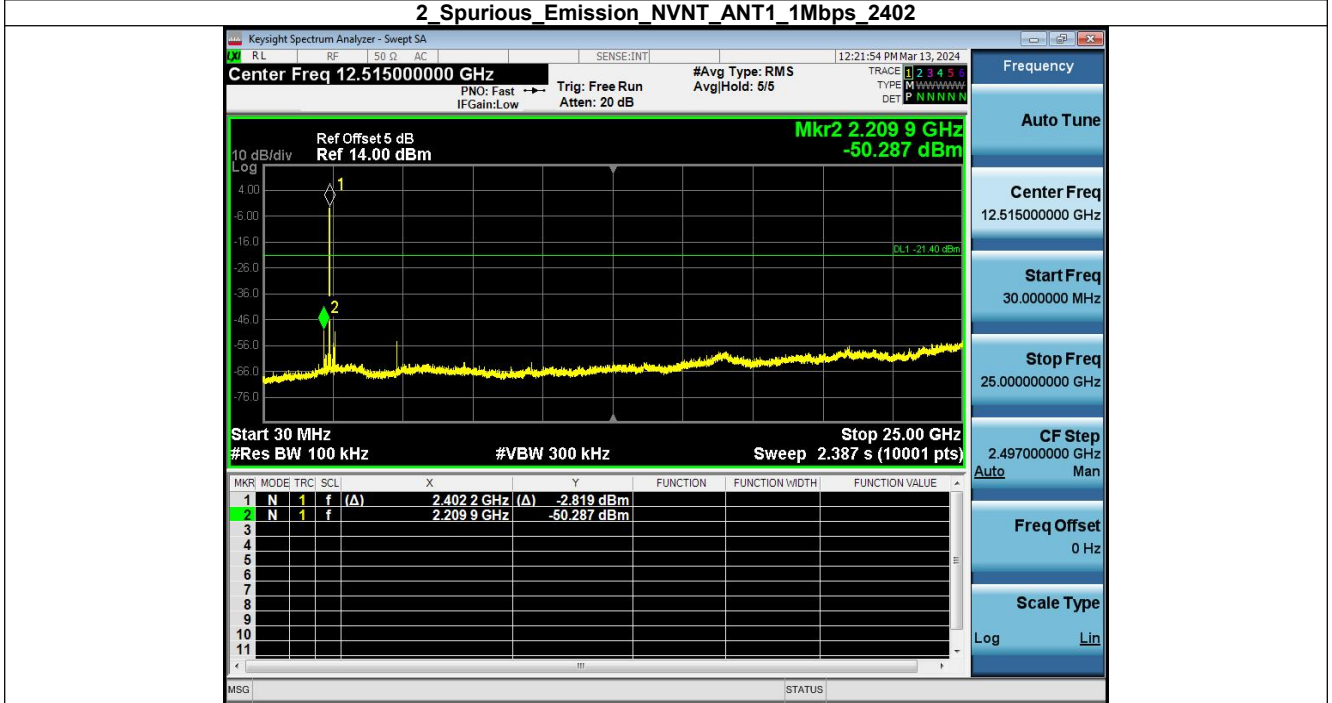


2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



# 7. Spurious Emission

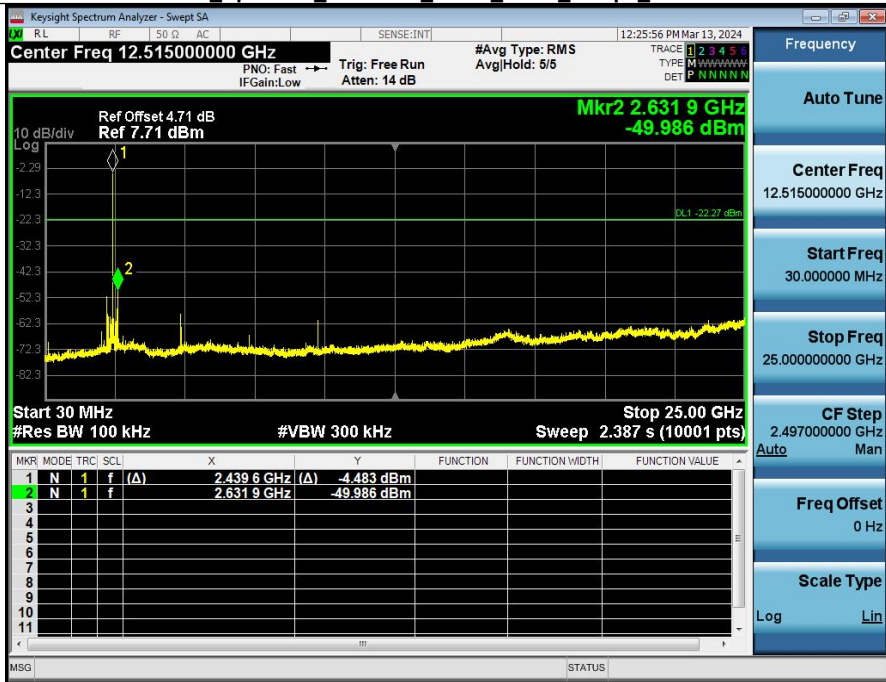
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-50.287	-21.395	Pass
NVNT	ANT1	1Mbps	2440.00	-49.986	-22.272	Pass
NVNT	ANT1	1Mbps	2480	-48.483	-22.656	Pass



**1 Reference Level\_NVNT\_ANT1\_1Mbps\_2440**



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



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



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

