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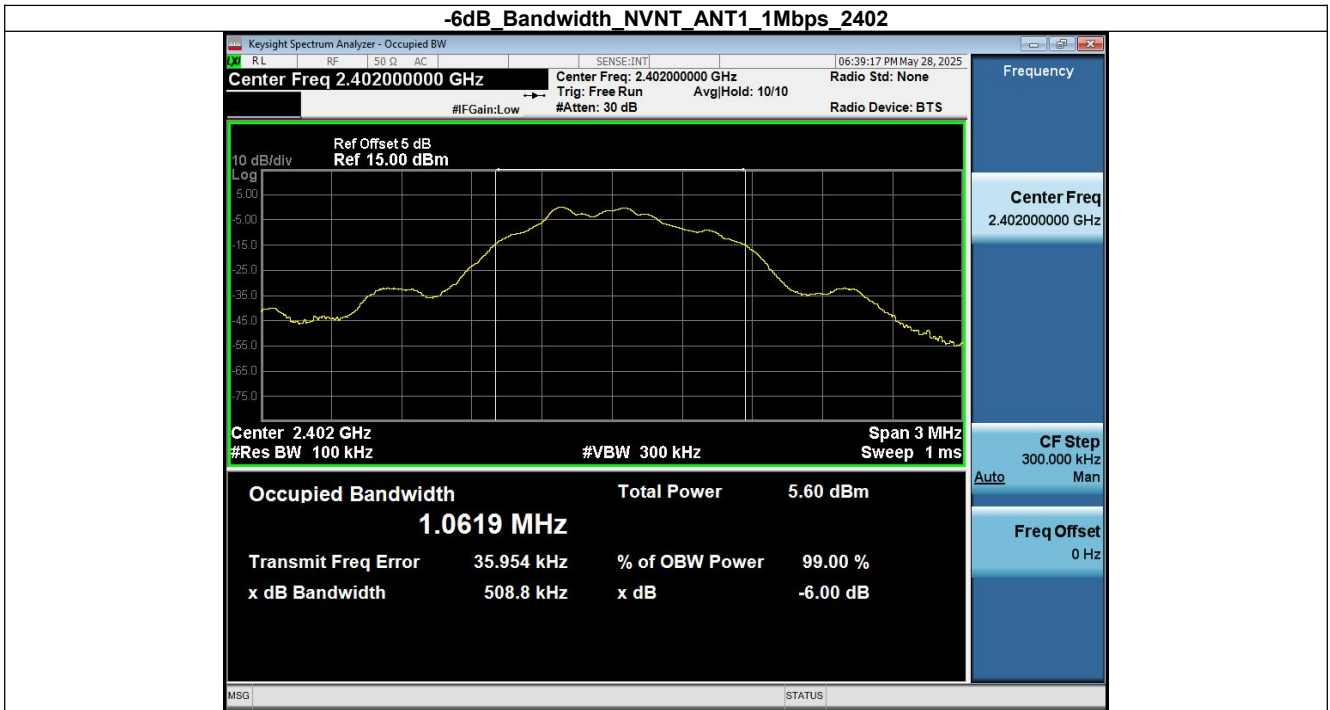
# Report No.: MAX250523110P01-R01

## FCC ID:2BCR5-F1PRO

### FCC\_BLE (Part15.247) Test Data

#### 1. -6dB Bandwidth

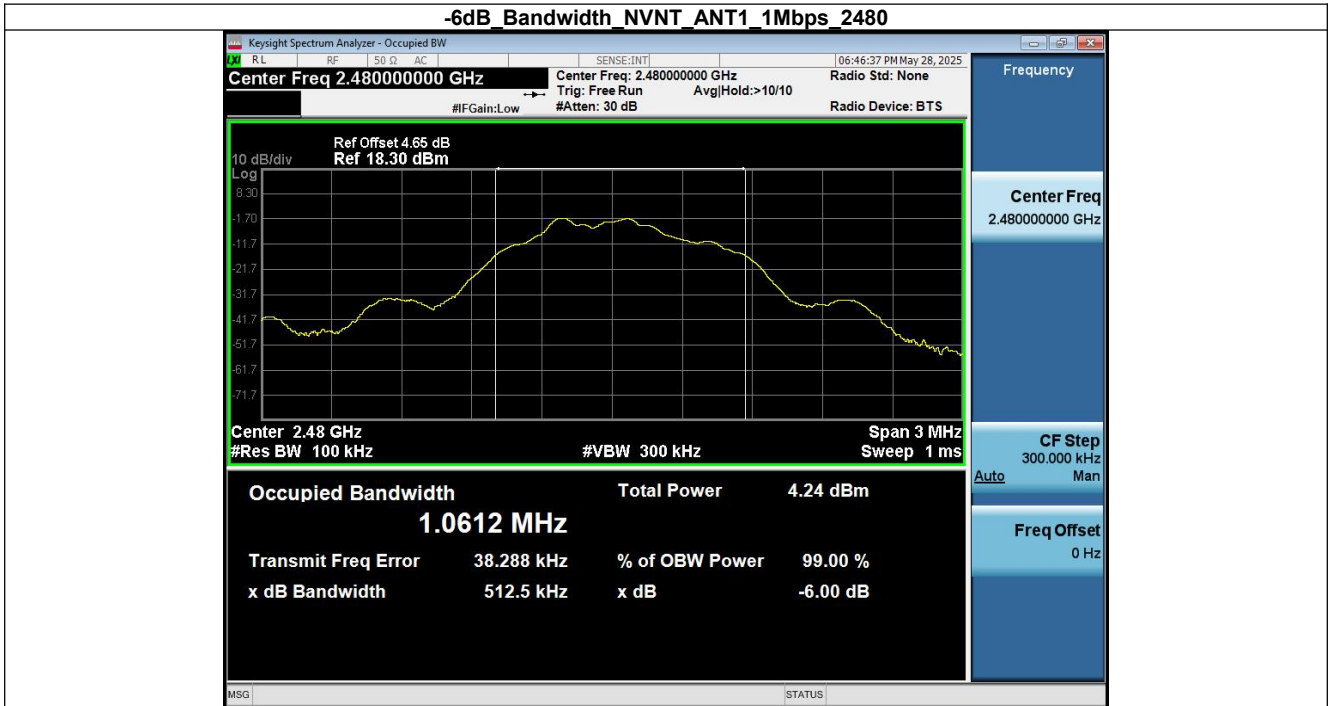
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	508.84	500	Pass
NVNT	ANT1	1Mbps	2440.00	508.19	500	Pass
NVNT	ANT1	1Mbps	2480.00	512.47	500	Pass



**-6dB\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2440**



**-6dB Bandwidth NVNT\_ANT1\_1Mbps\_2480**



## 2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.018
NVNT	ANT1	1Mbps	2440.00	1.020
NVNT	ANT1	1Mbps	2480.00	1.019

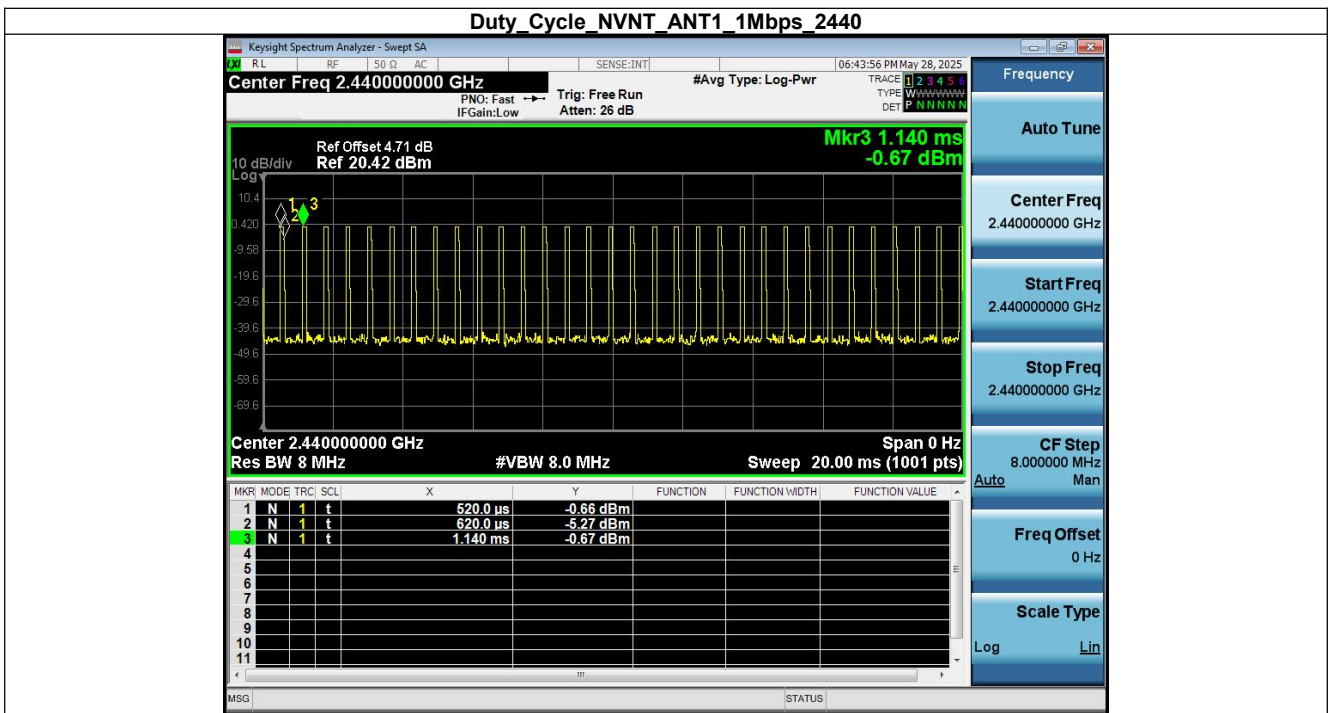
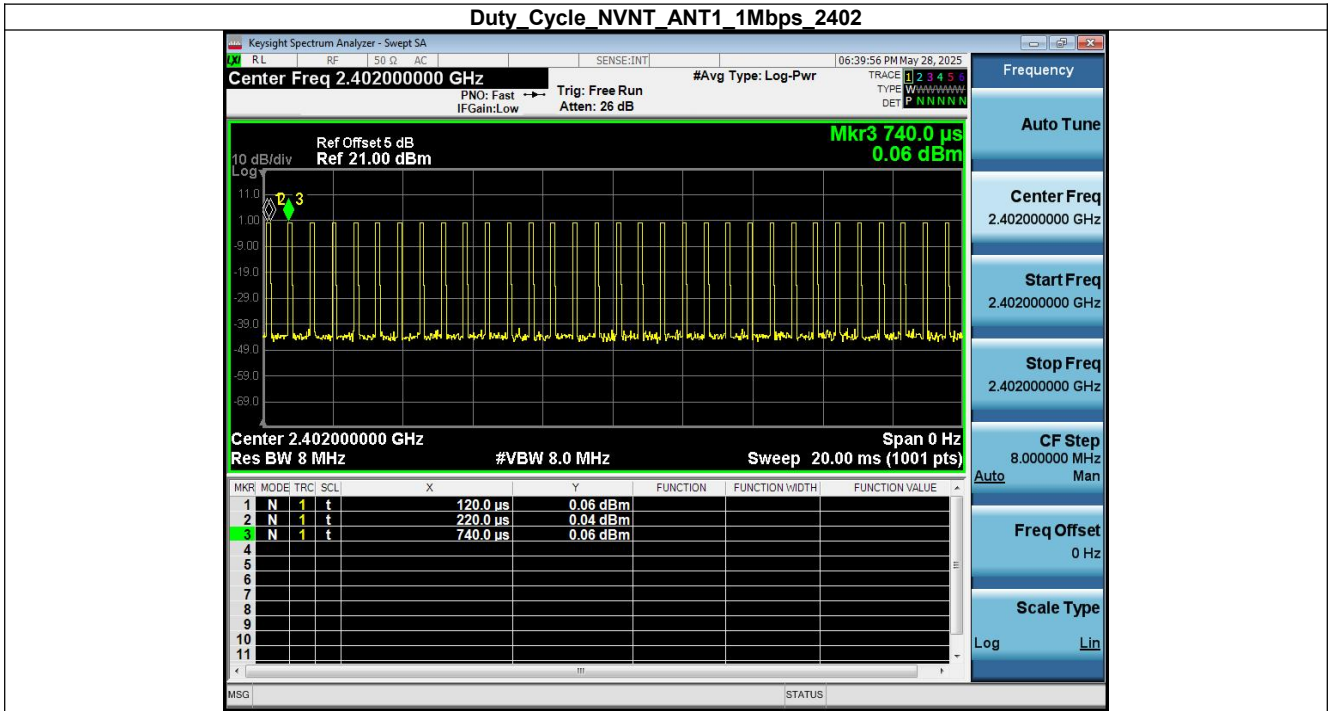


**99% Occupied Bandwidth NVNT ANT1 1Mbps 2480**

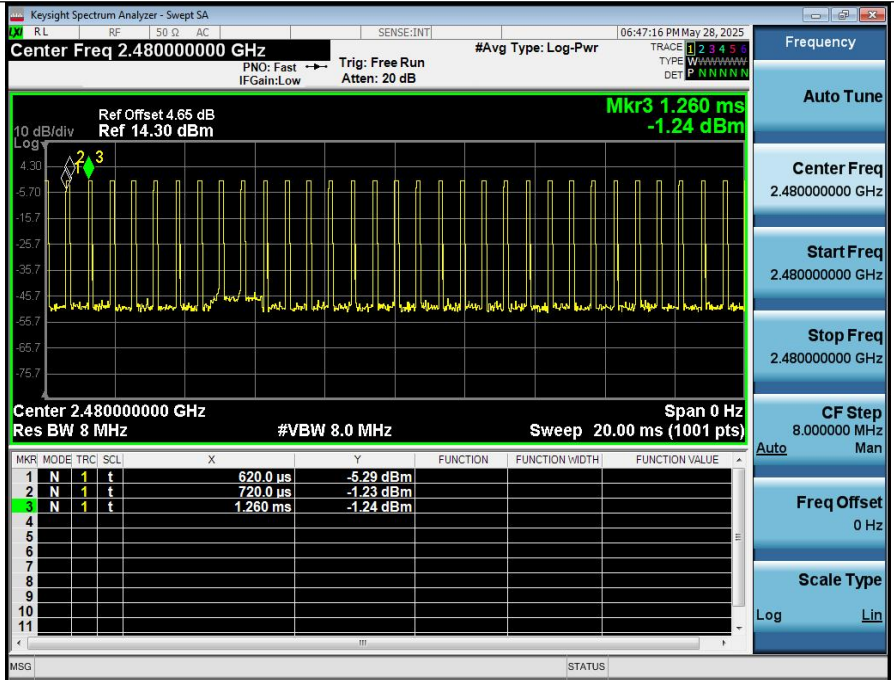


### 3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	16.13	7.92
NVNT	ANT1	1Mbps	2440.00	16.13	7.92
NVNT	ANT1	1Mbps	2480.00	18.75	7.27

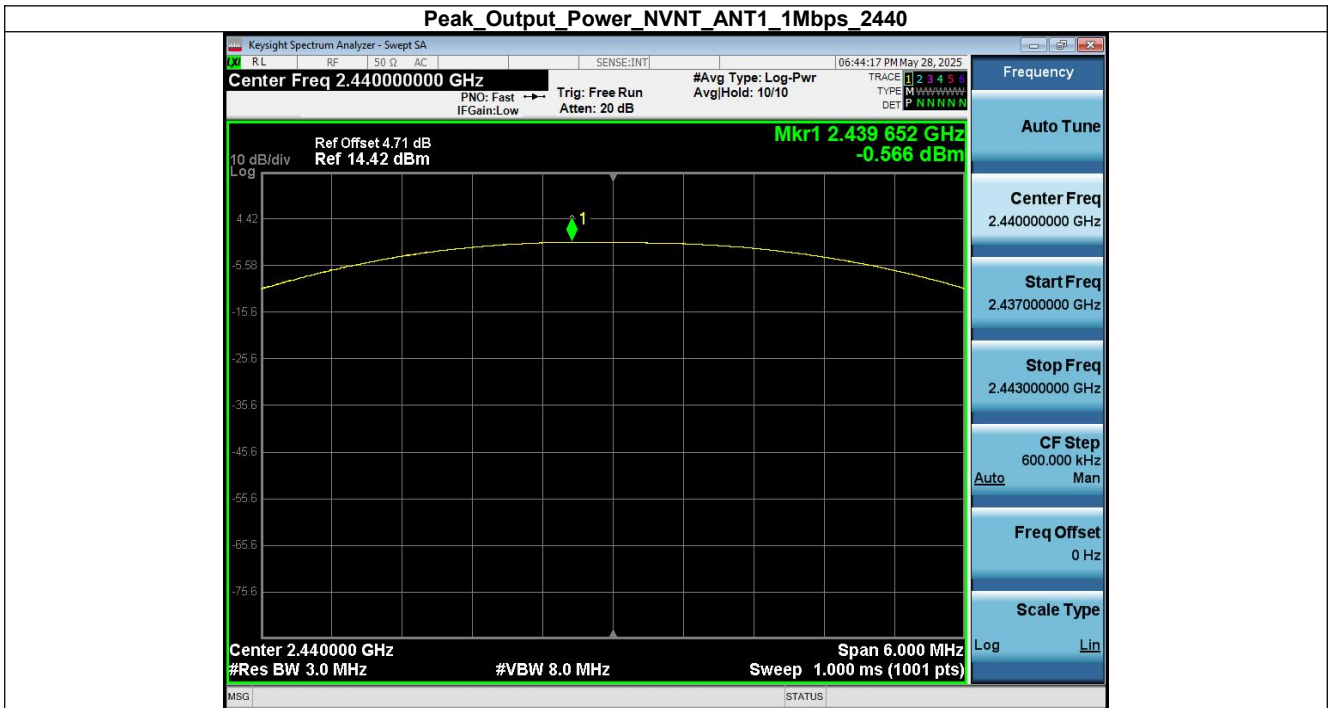
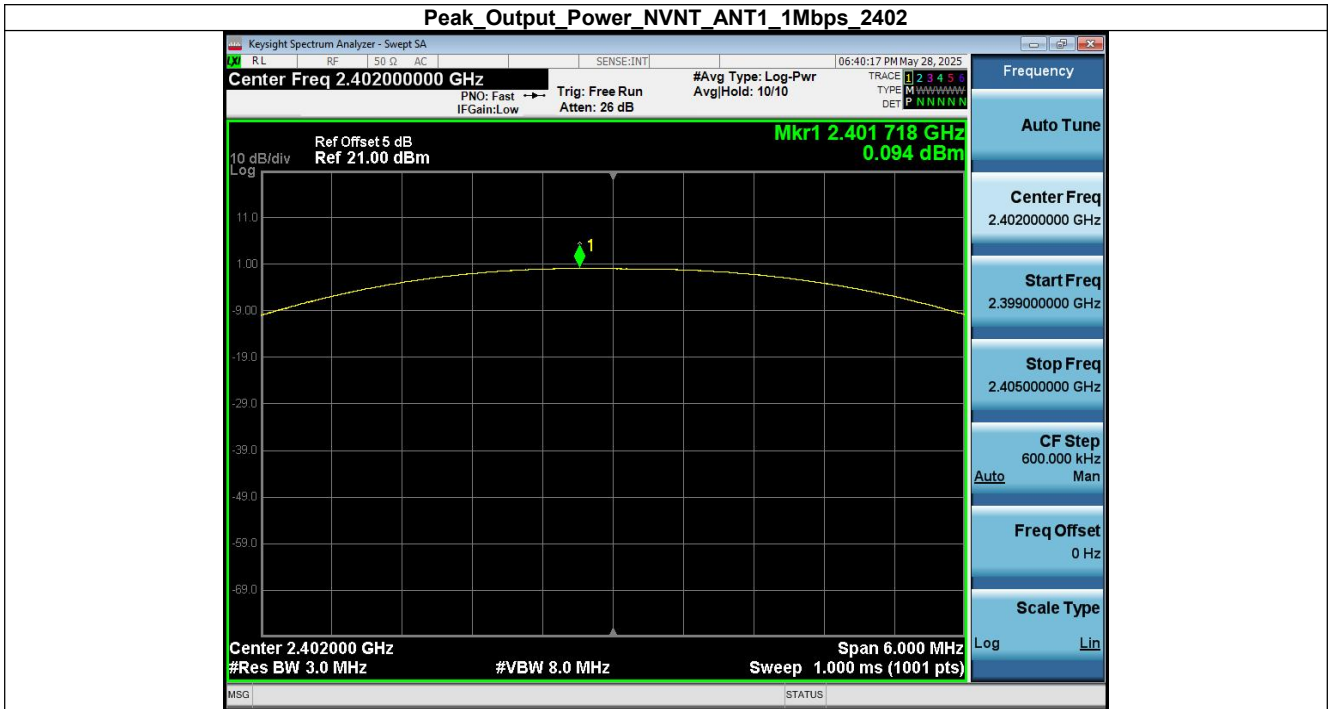


**Duty Cycle NVNT\_ANT1\_1Mbps\_2480**



## 4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	0.09	1.02	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.57	0.88	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.23	0.75	1000	Pass



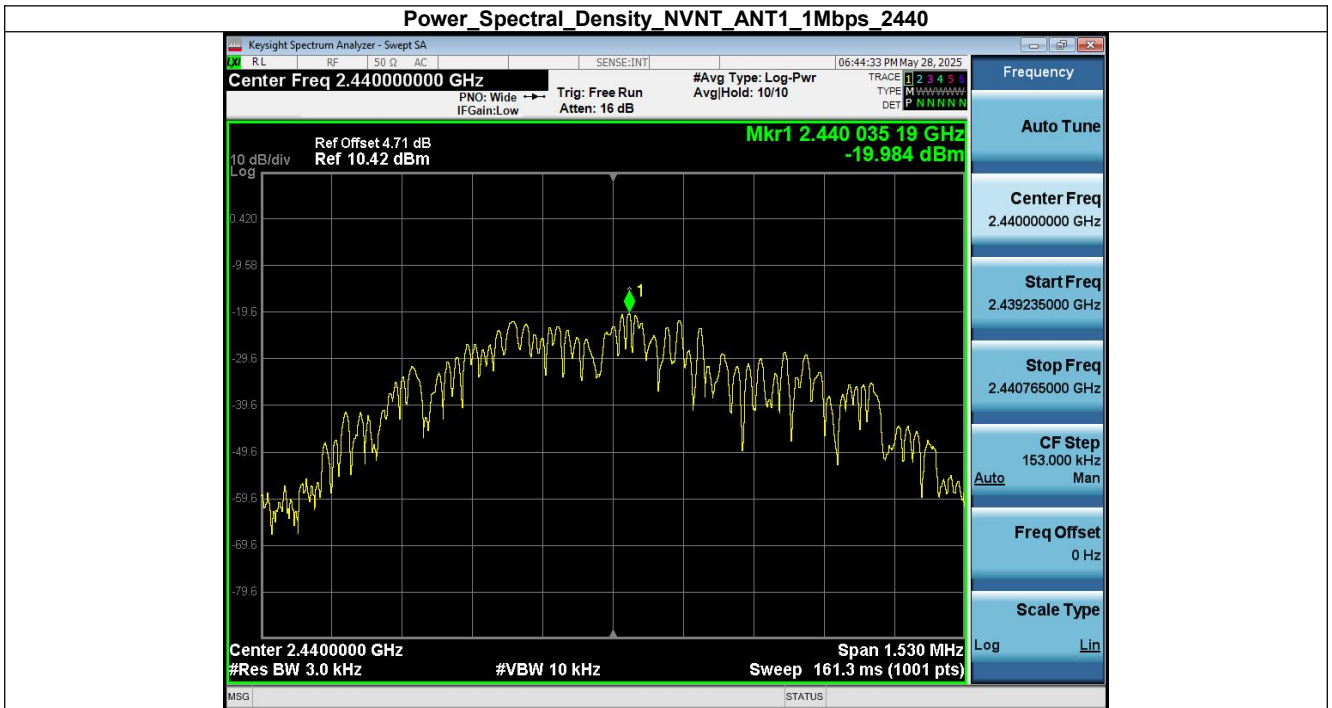
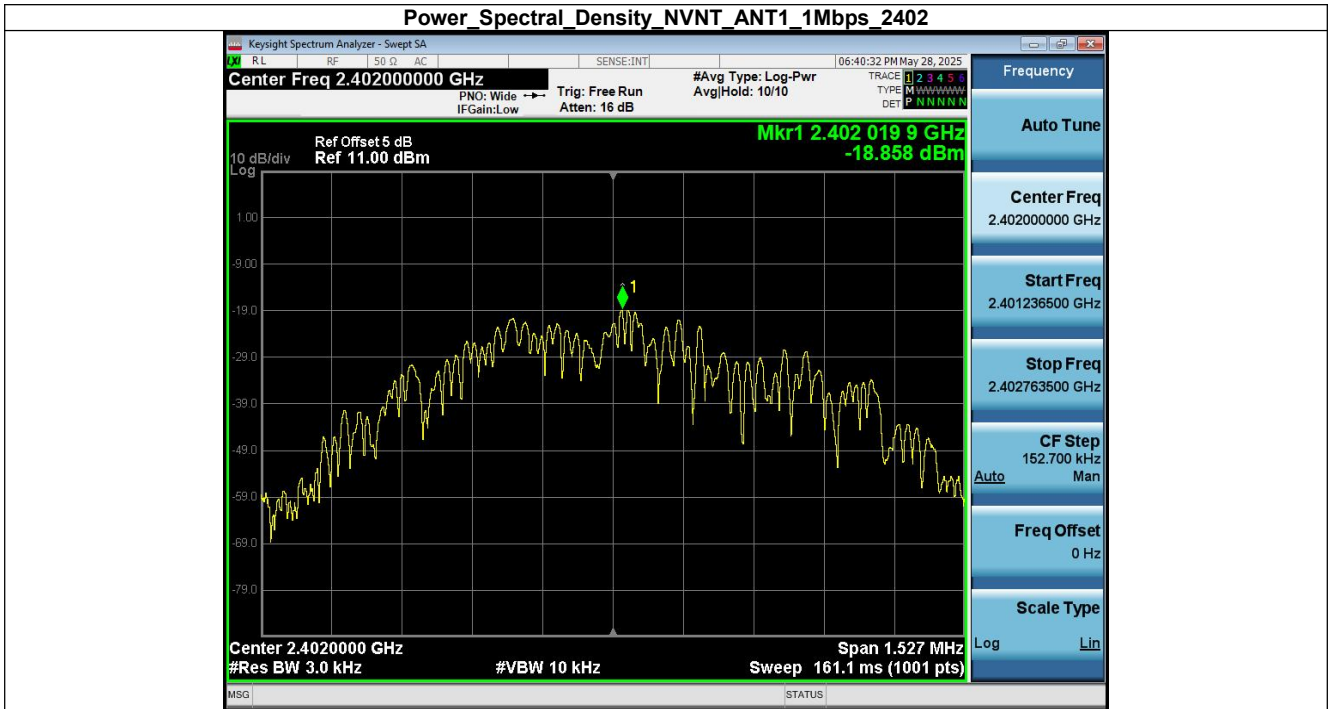
**Peak Output Power\_NVNT\_ANT1\_1Mbps\_2480**



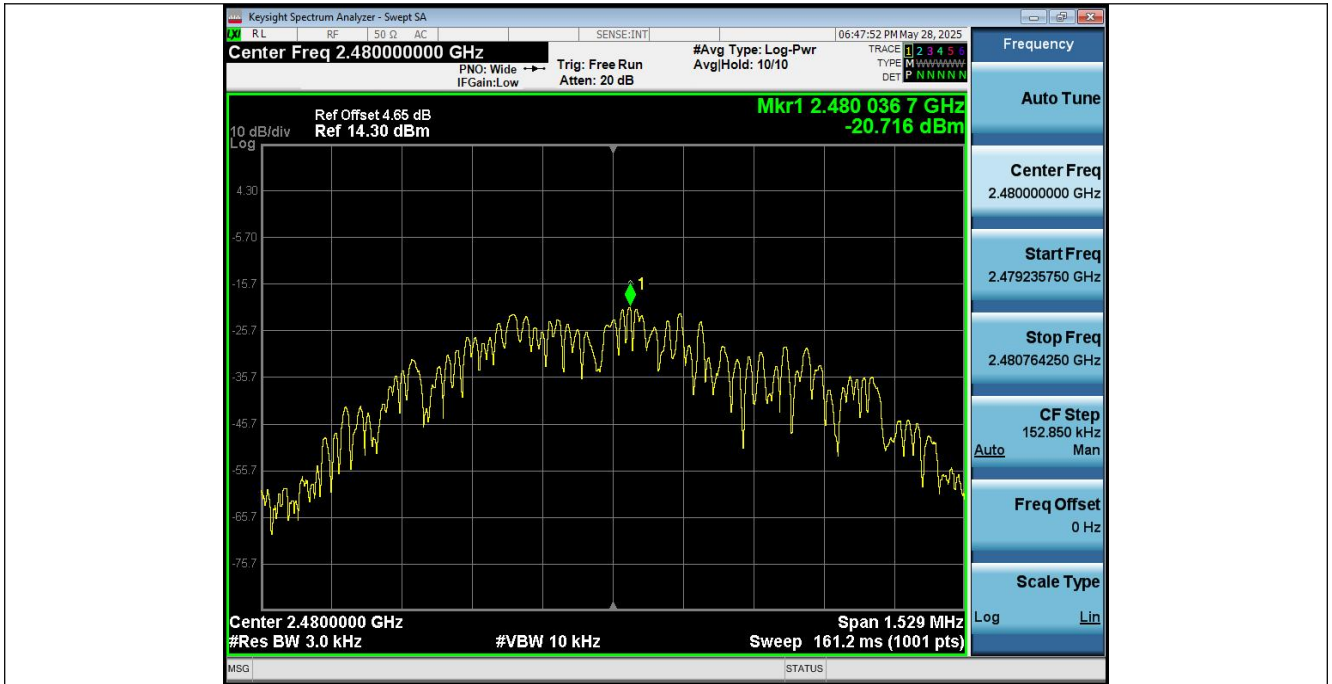


## 5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-18.86	8	Pass
NVNT	ANT1	1Mbps	2440.00	-19.98	8	Pass
NVNT	ANT1	1Mbps	2480.00	-20.72	8	Pass

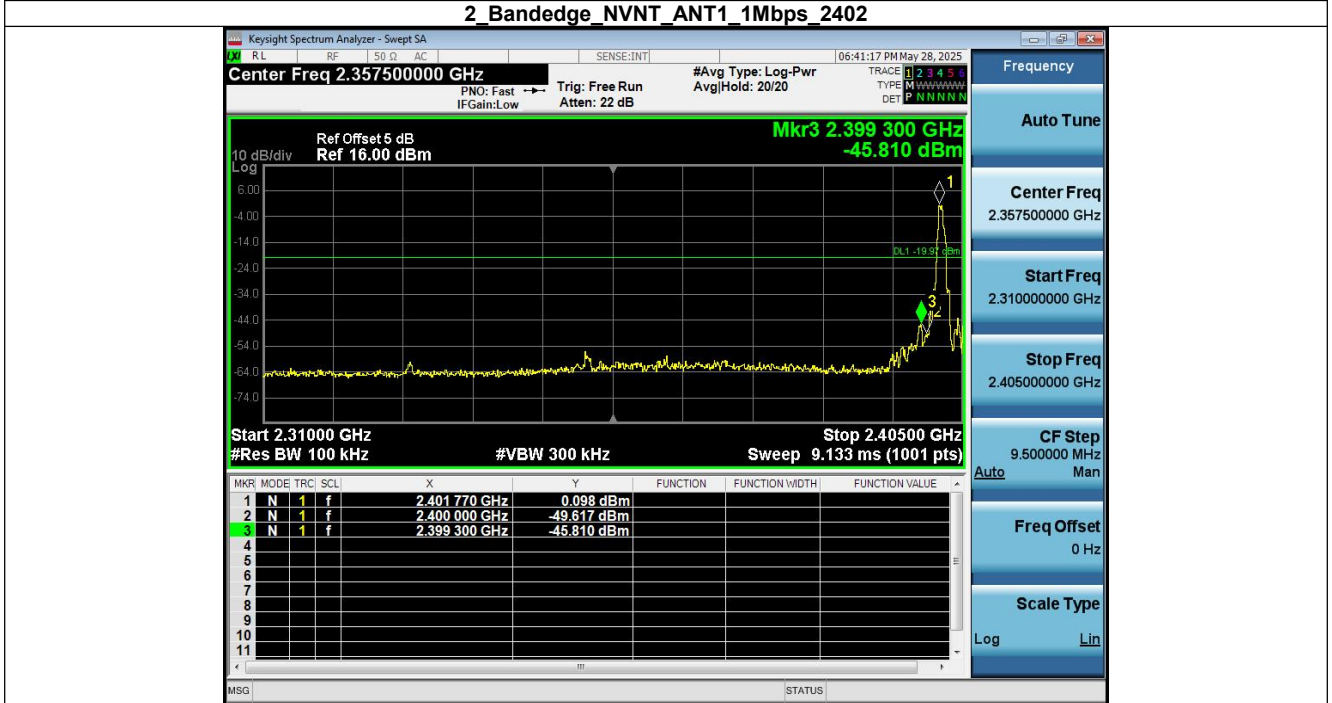


**Power Spectral Density\_NVNT\_ANT1\_1Mbps\_2480**



## 6. Bandedge

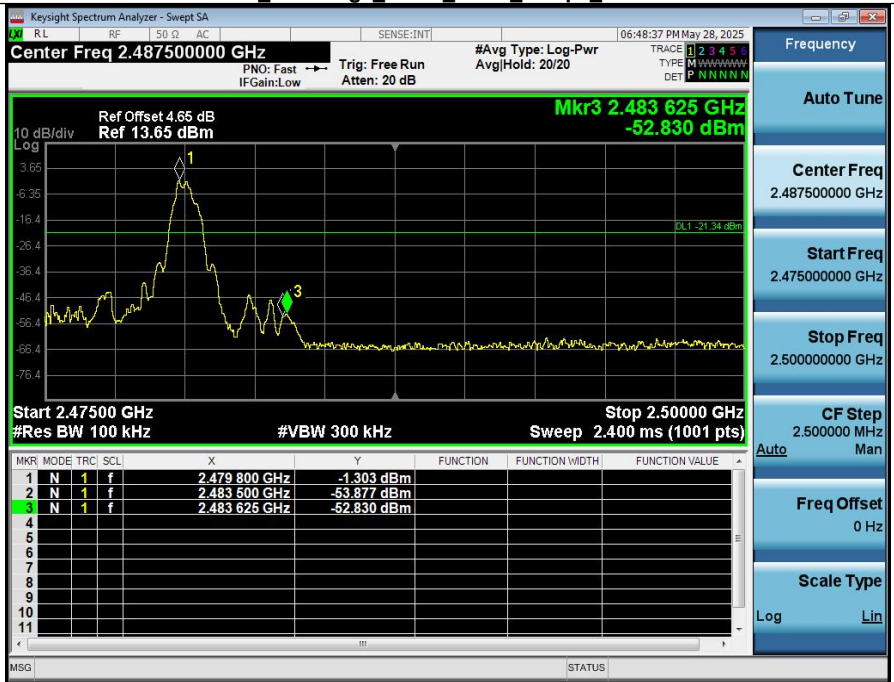
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.300	0.031	-45.810	-19.969	Pass
NVNT	ANT1	1Mbps	2480.00	2483.625	-1.336	-52.830	-21.336	Pass



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



2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



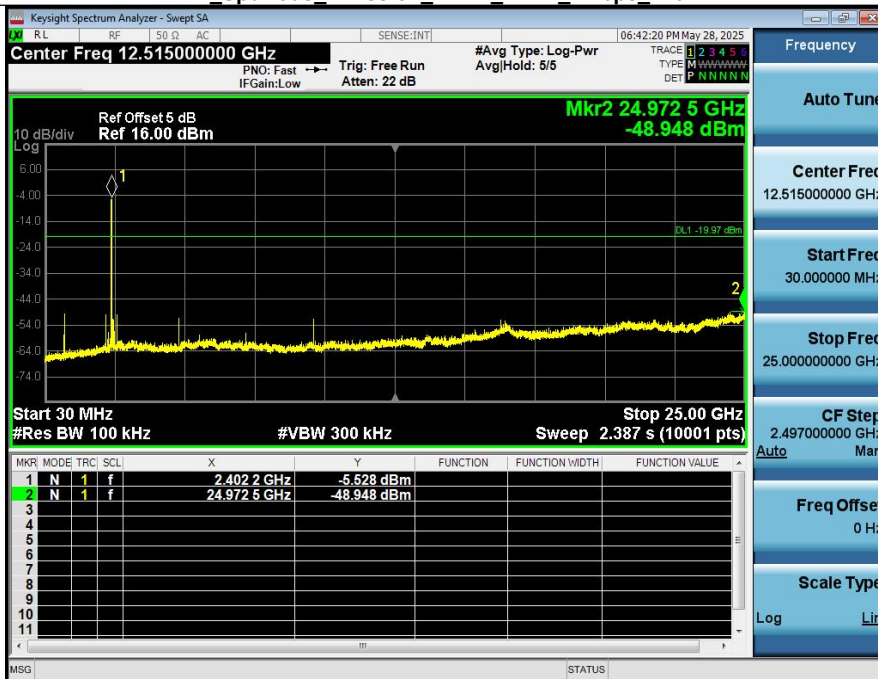
## 7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	0.031	-48.948	-19.969	Pass
NVNT	ANT1	1Mbps	2440.00	-0.684	-48.719	-20.684	Pass
NVNT	ANT1	1Mbps	2480.00	-1.336	-46.618	-21.336	Pass

1 Reference Level NVNT ANT1 1Mbps 2402



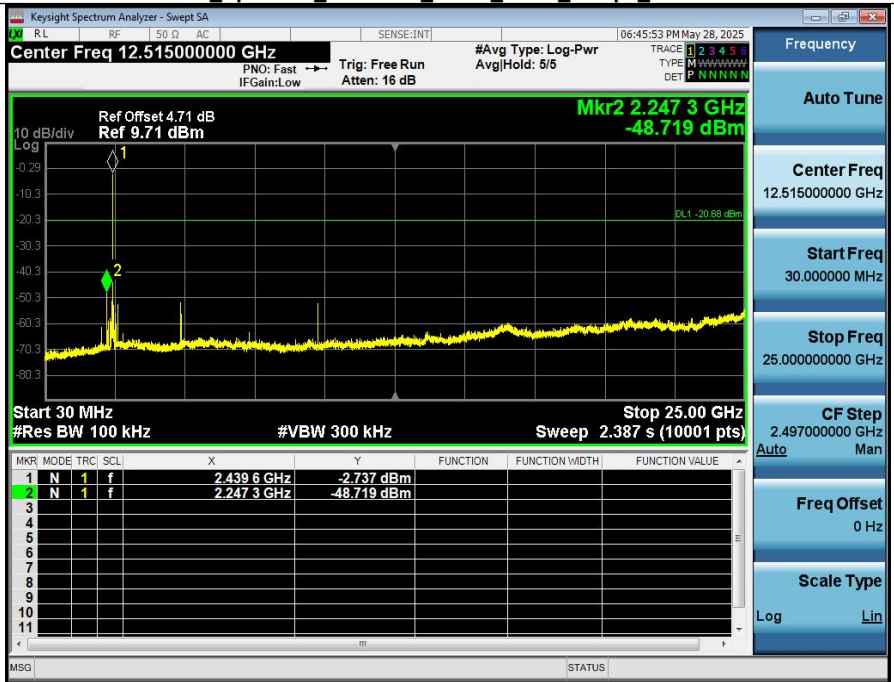
2 Spurious Emission NVNT ANT1 1Mbps 2402



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

