

Table of Contents

1. -6dB Bandwidth 2

2. 99% Occupied Bandwidth 4

3. Duty Cycle 6

4. Peak Output Power 8

5. Power Spectral Density 9

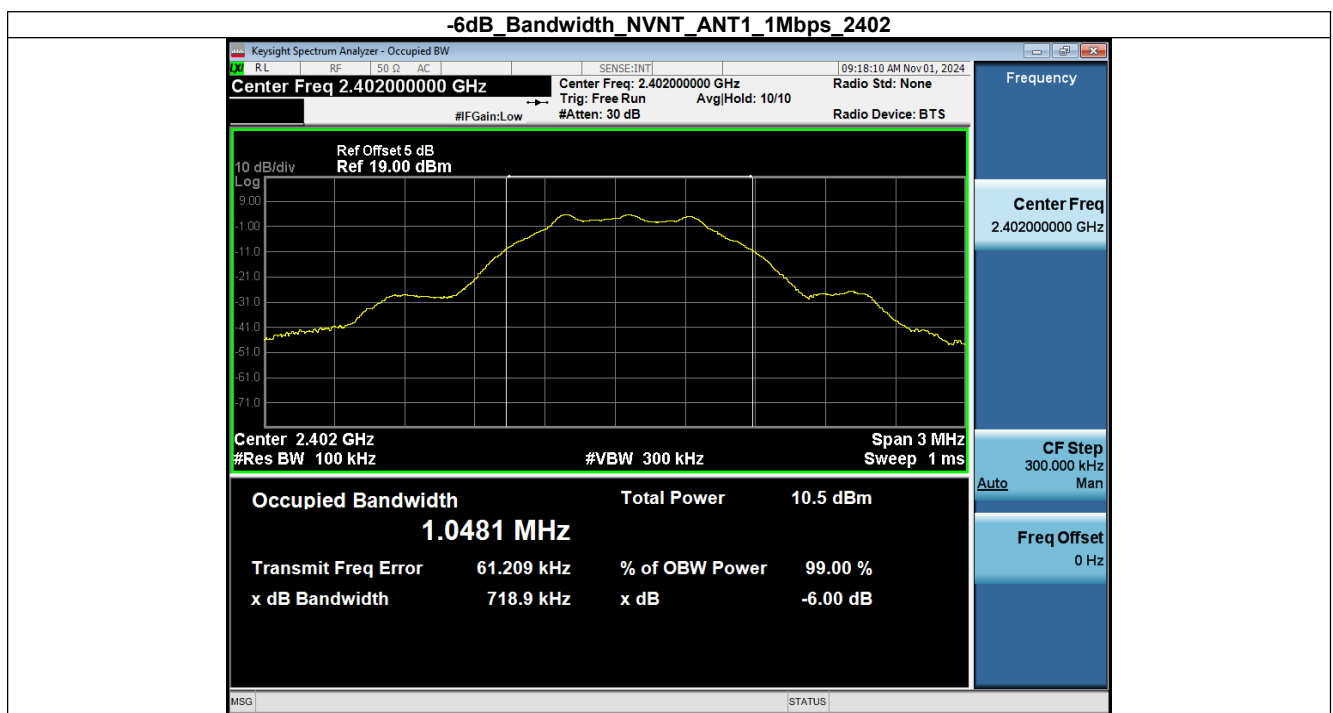
6. Bandedge 11

7. Spurious Emission 13

Applicant's name: Dongguan KWD Electronic Co., Ltd
Model name: C26
FCC ID: 2A3IA-C26
FCC_BLE (Part 15.247) Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	718.93	500	Pass
NVNT	ANT1	1Mbps	2440.00	726.72	500	Pass
NVNT	ANT1	1Mbps	2480.00	727.36	500	Pass



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440

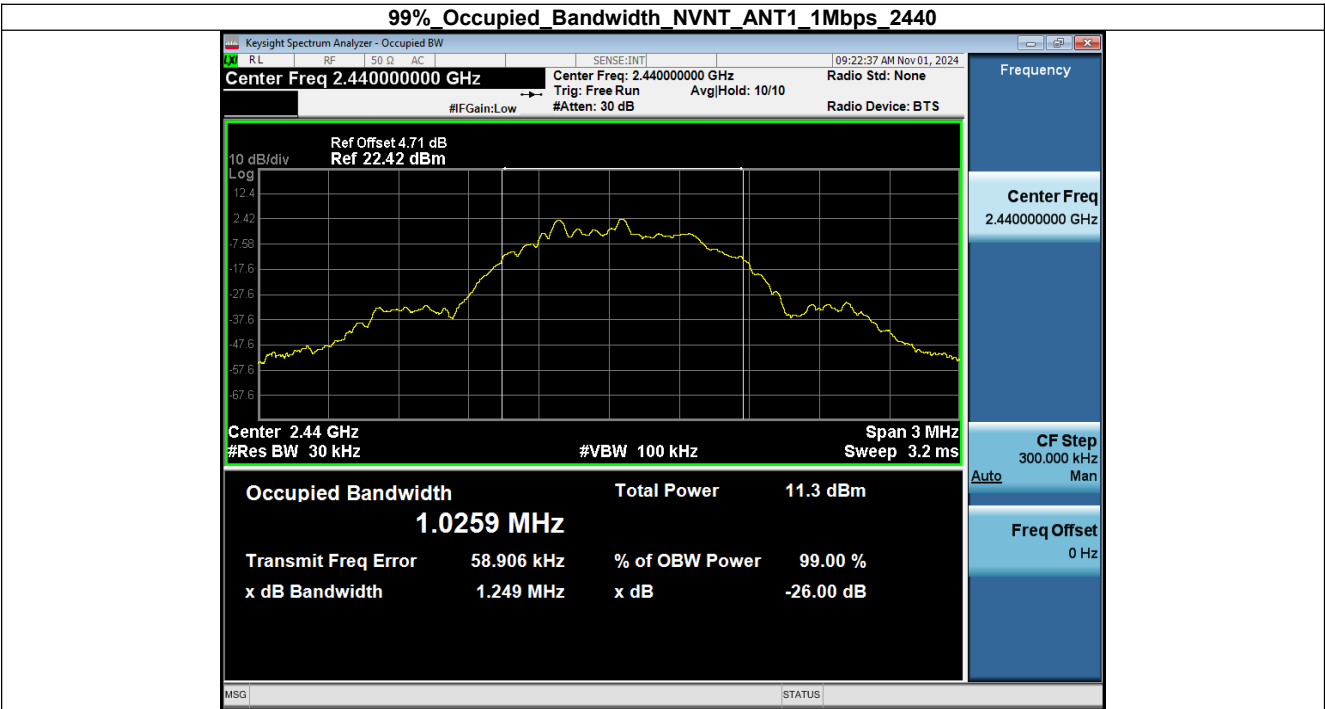
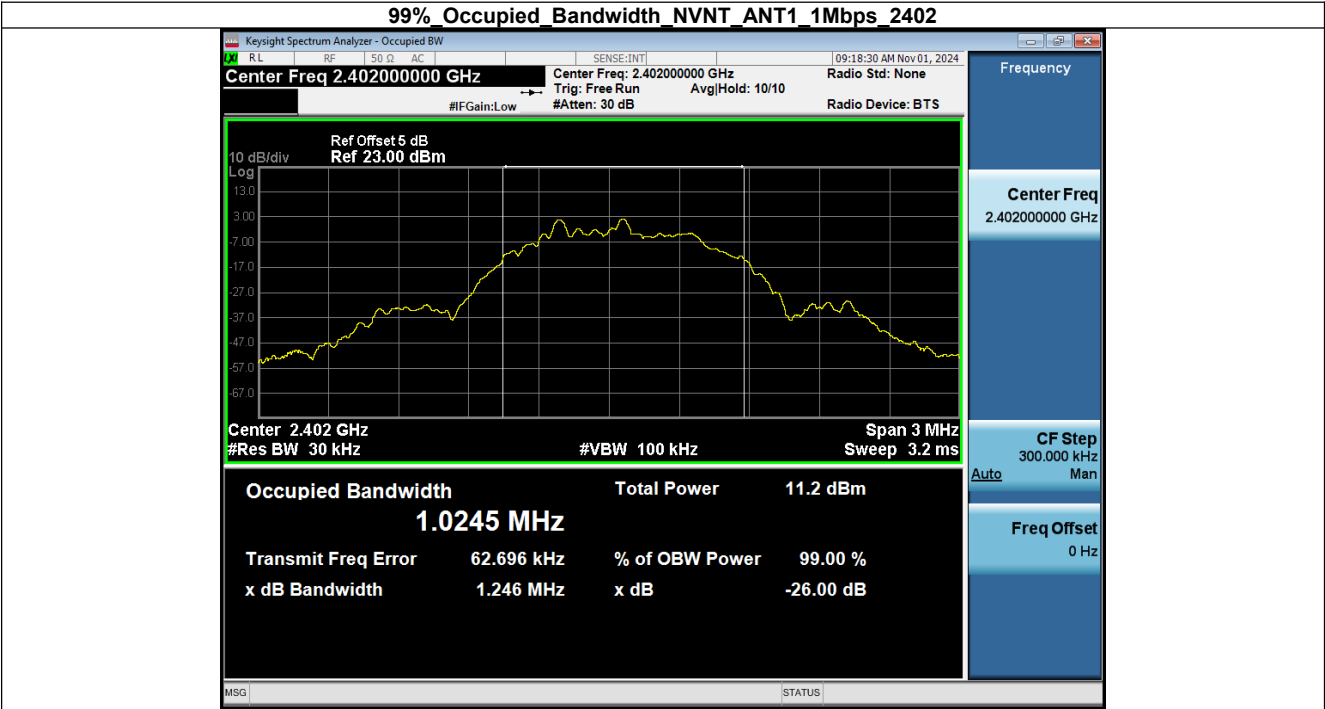


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.025
NVNT	ANT1	1Mbps	2440.00	1.026
NVNT	ANT1	1Mbps	2480.00	1.026

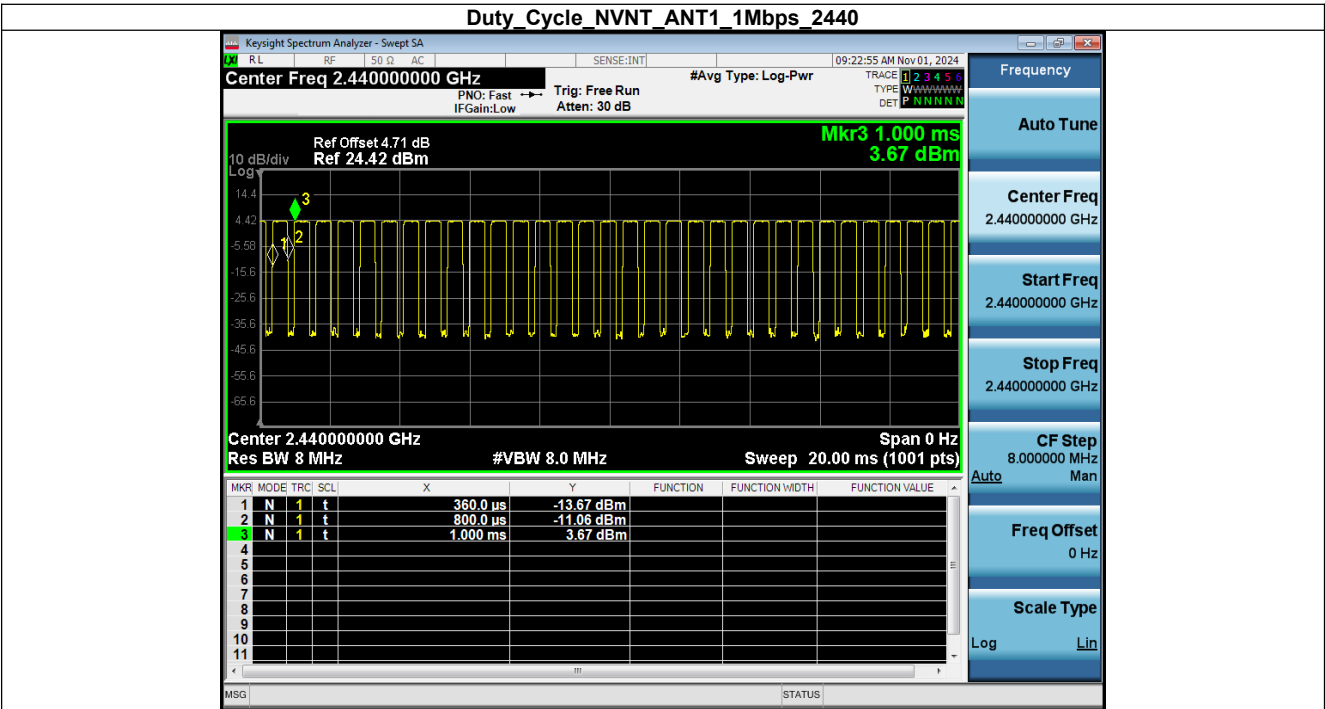
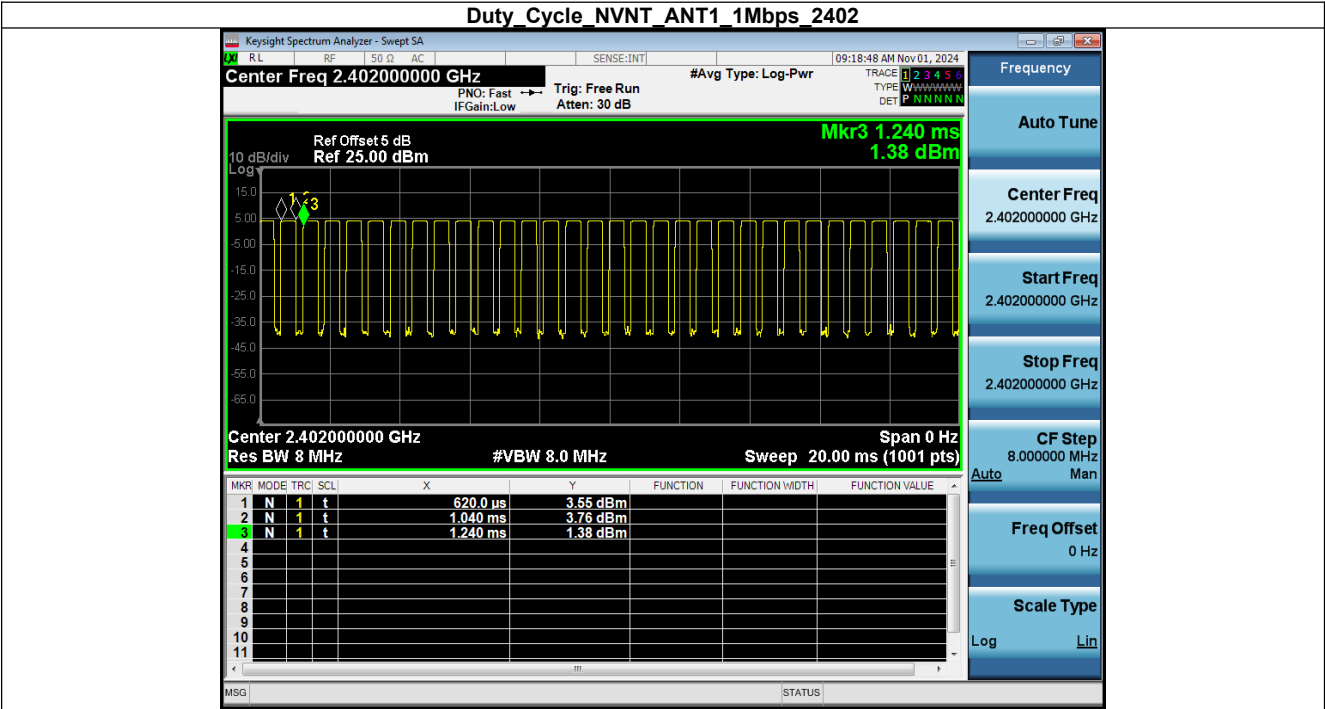


99% Occupied Bandwidth NVNT_ANT1_1Mbps_2480

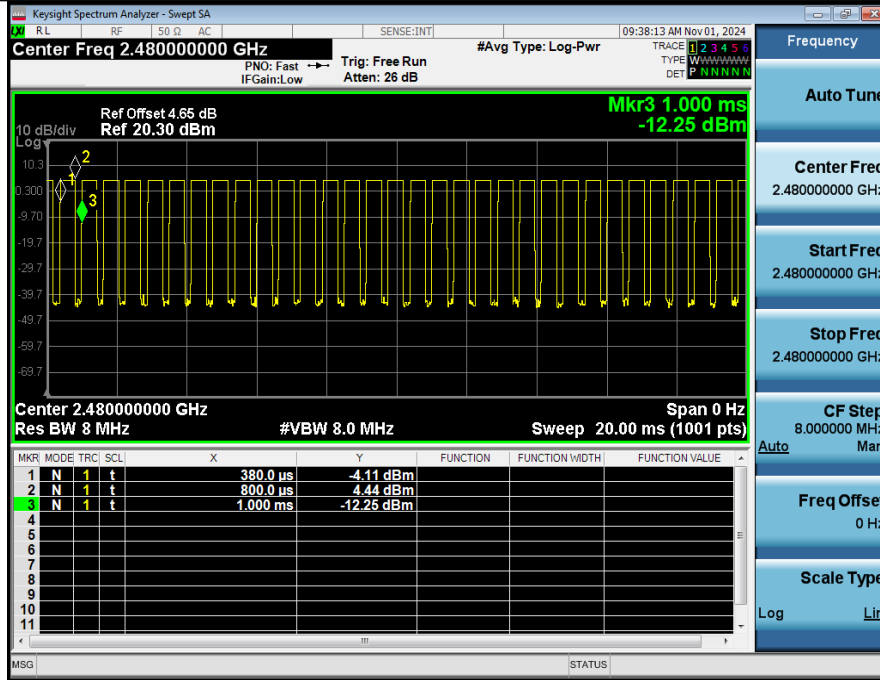


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	70.97	1.49
NVNT	ANT1	1Mbps	2440.00	71.87	1.43
NVNT	ANT1	1Mbps	2480.00	70.97	1.49



Duty Cycle_NVNT_ANT1_1Mbps_2480

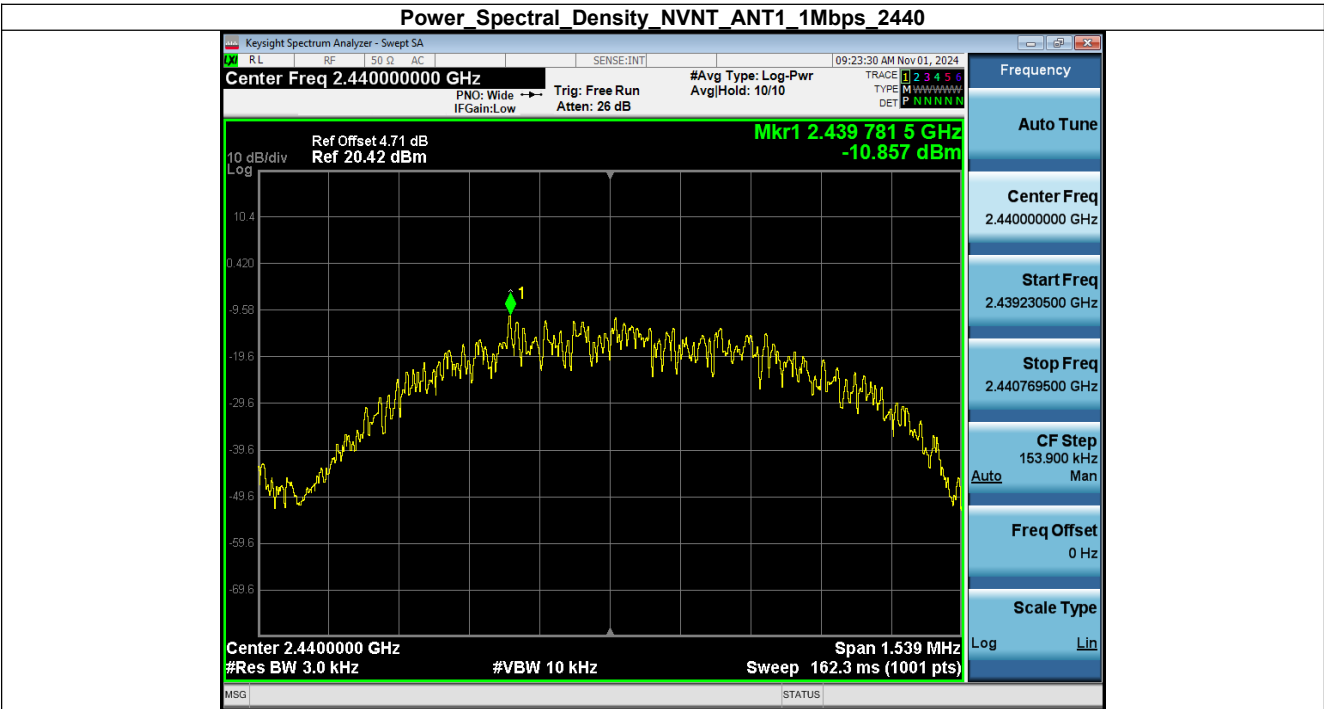
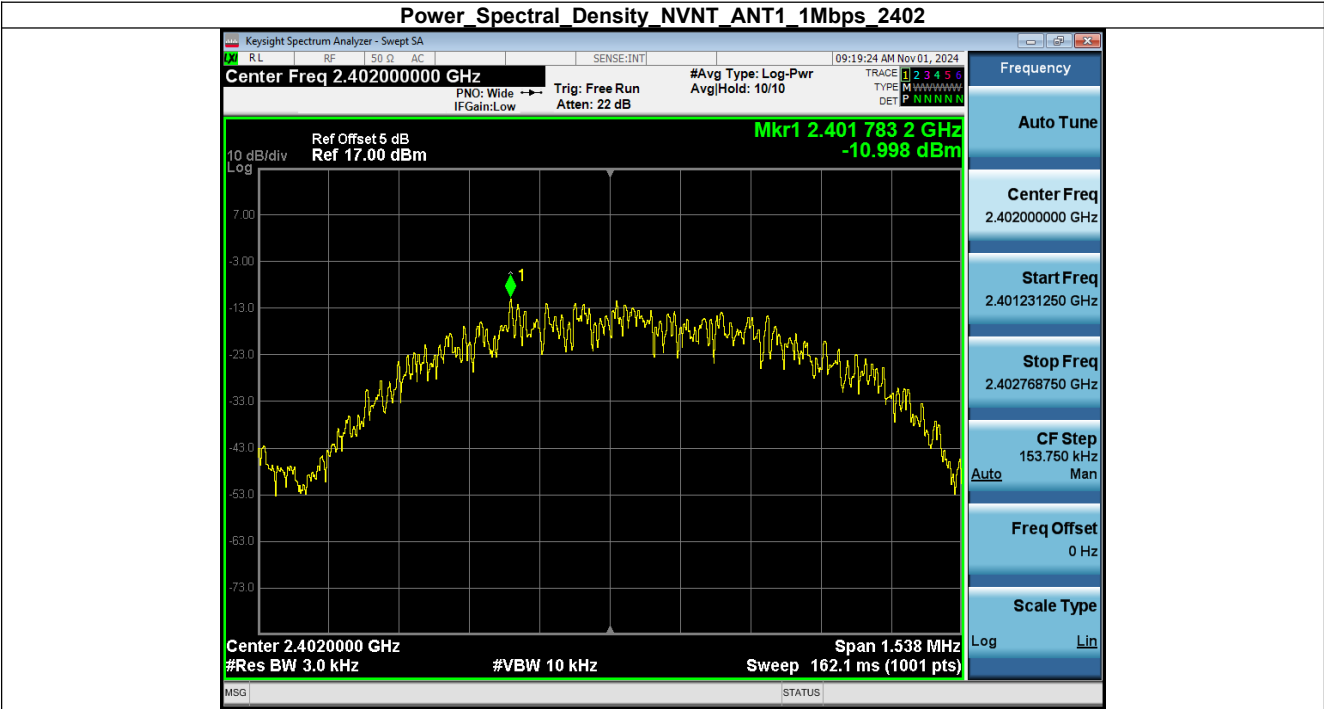


4. Peak Output Power

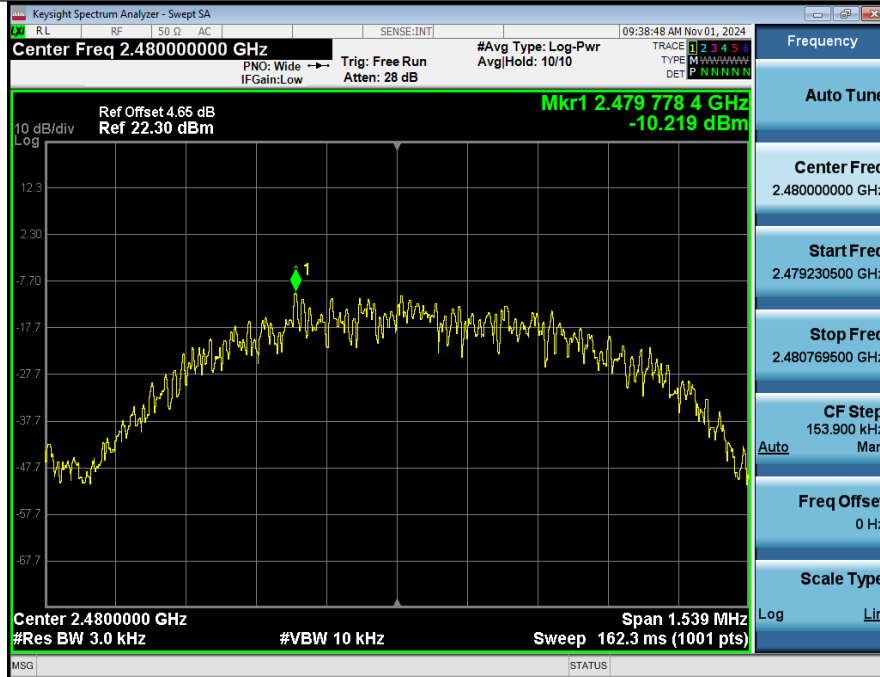
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	4.05	2.54	1000	Pass
NVNT	ANT1	1Mbps	2440.00	3.96	2.49	1000	Pass
NVNT	ANT1	1Mbps	2480.00	4.46	2.79	1000	Pass

5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-11.00	8	Pass
NVNT	ANT1	1Mbps	2440.00	-10.86	8	Pass
NVNT	ANT1	1Mbps	2480.00	-10.22	8	Pass

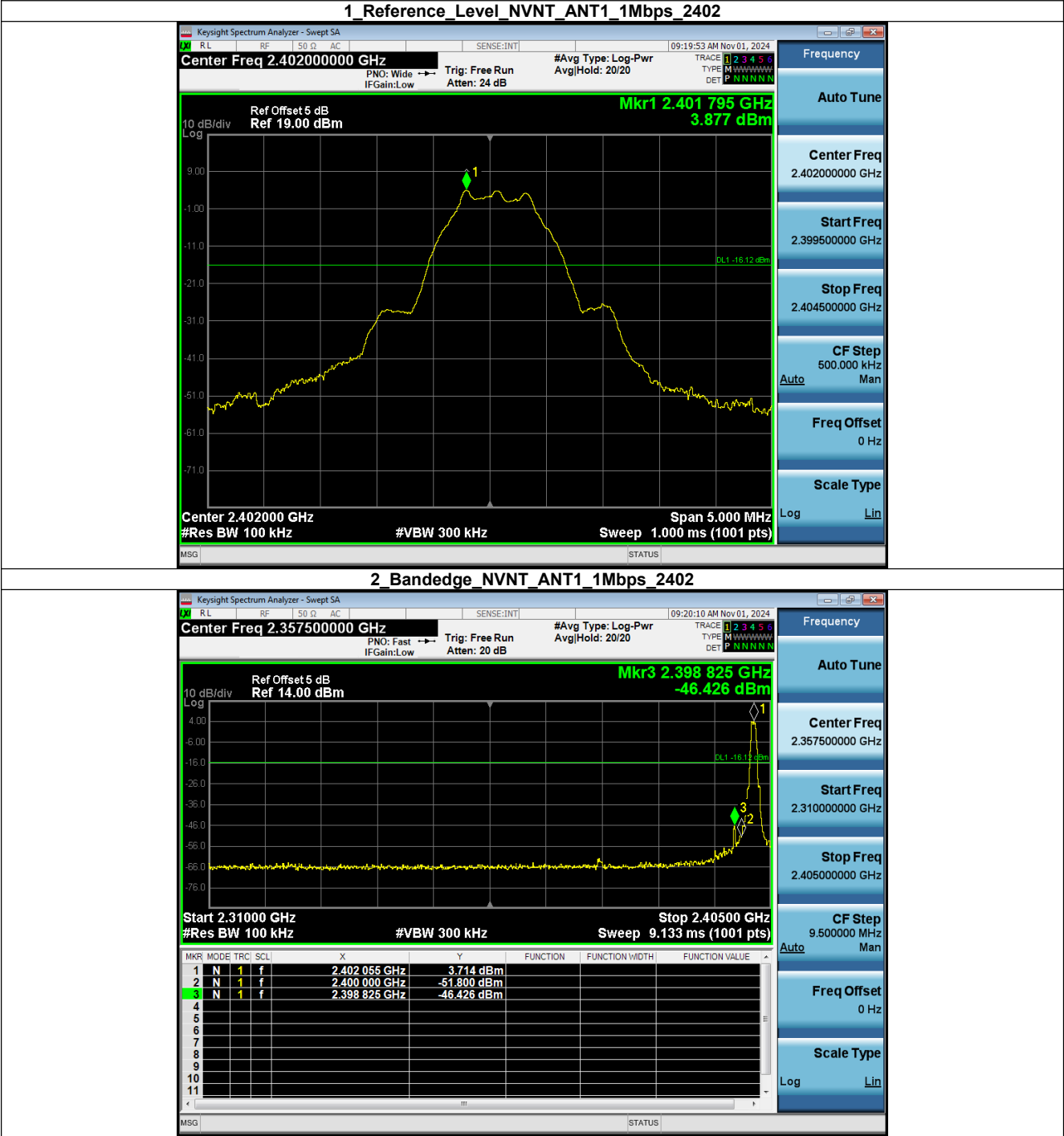


Power Spectral Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

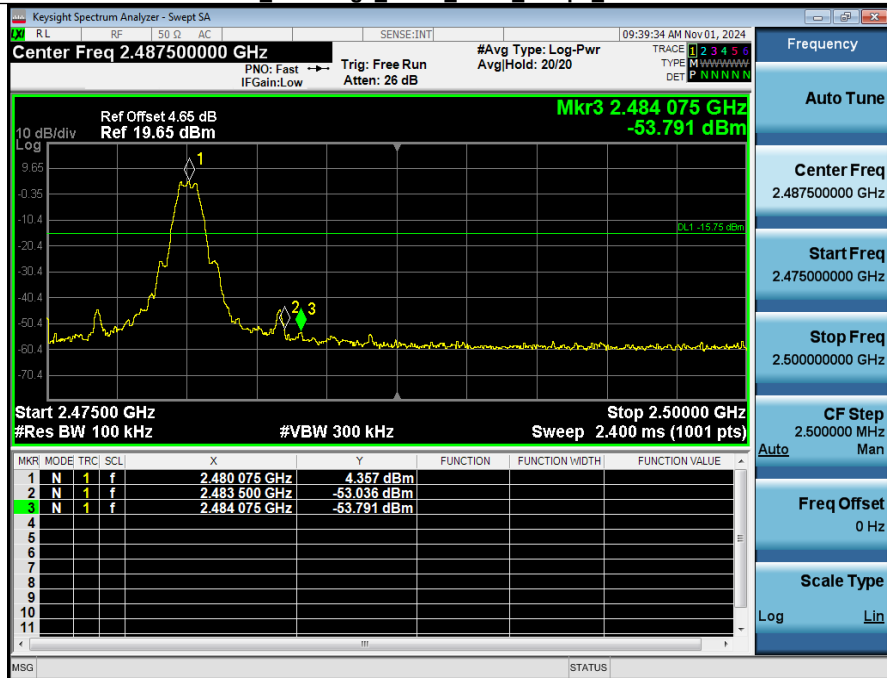
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2398.825	-46.426	-16.123	Pass
NVNT	ANT1	1Mbps	2480.00	2484.075	-53.791	-15.750	Pass



1 Reference_Level_NVNT_ANT1_1Mbps_2480

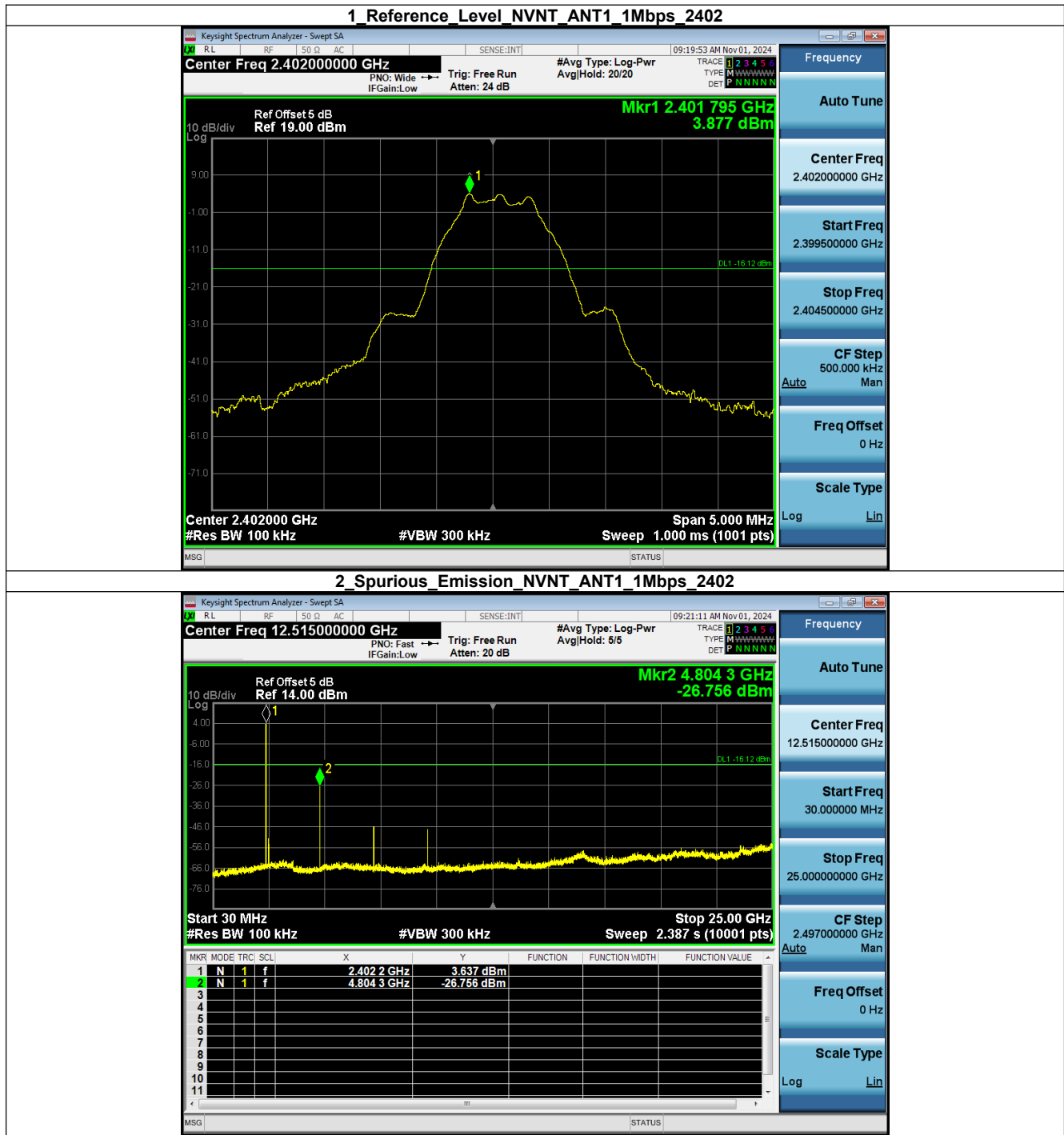


2 Bandedge_NVNT_ANT1_1Mbps_2480



7. Spurious Emission

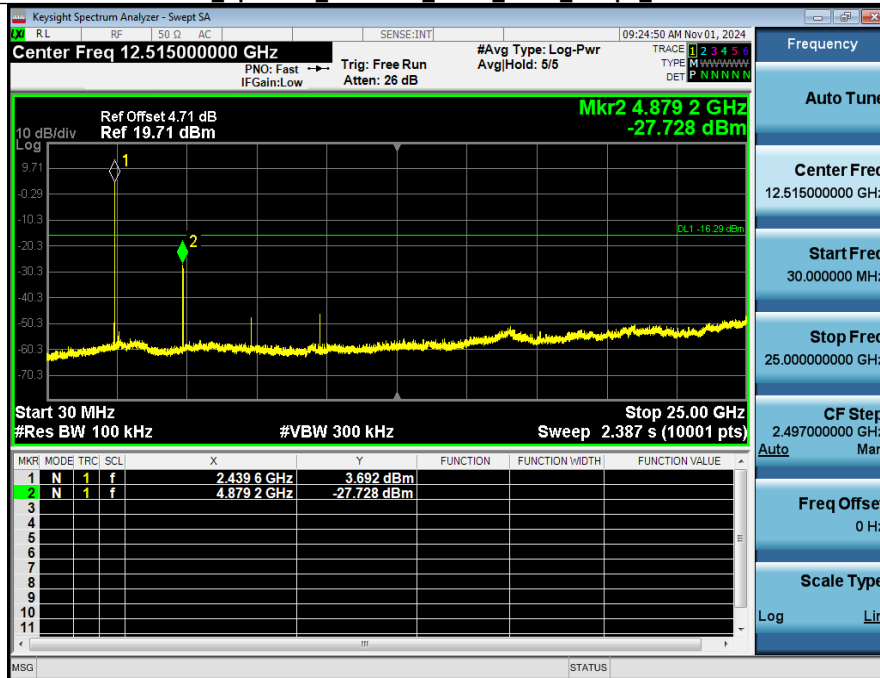
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-26.756	-16.123	Pass
NVNT	ANT1	1Mbps	2440.00	-27.728	-16.285	Pass
NVNT	ANT1	1Mbps	2480.00	-24.776	-15.750	Pass



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

