

BLE Test Data

FCC ID:2BXV6-C160

Product : Aithear Window Camera

Model Name : Aithear C160

Brand : N/A

Report No. : NCT260351017XE1-1

Prepared for

Evorise Limited

Room 80, Zone 2, 27/F, EGL Tower, 83 Hung To Road, Kwun Tong, Hong Kong, China

Prepared by

Shenzhen NCT Testing Technology Co., Ltd.

**A101&2F B2, Fuqiao 6th Area, Xintian Community, Fuhai Street, Baoan District,
Shenzhen, People's Republic of China**

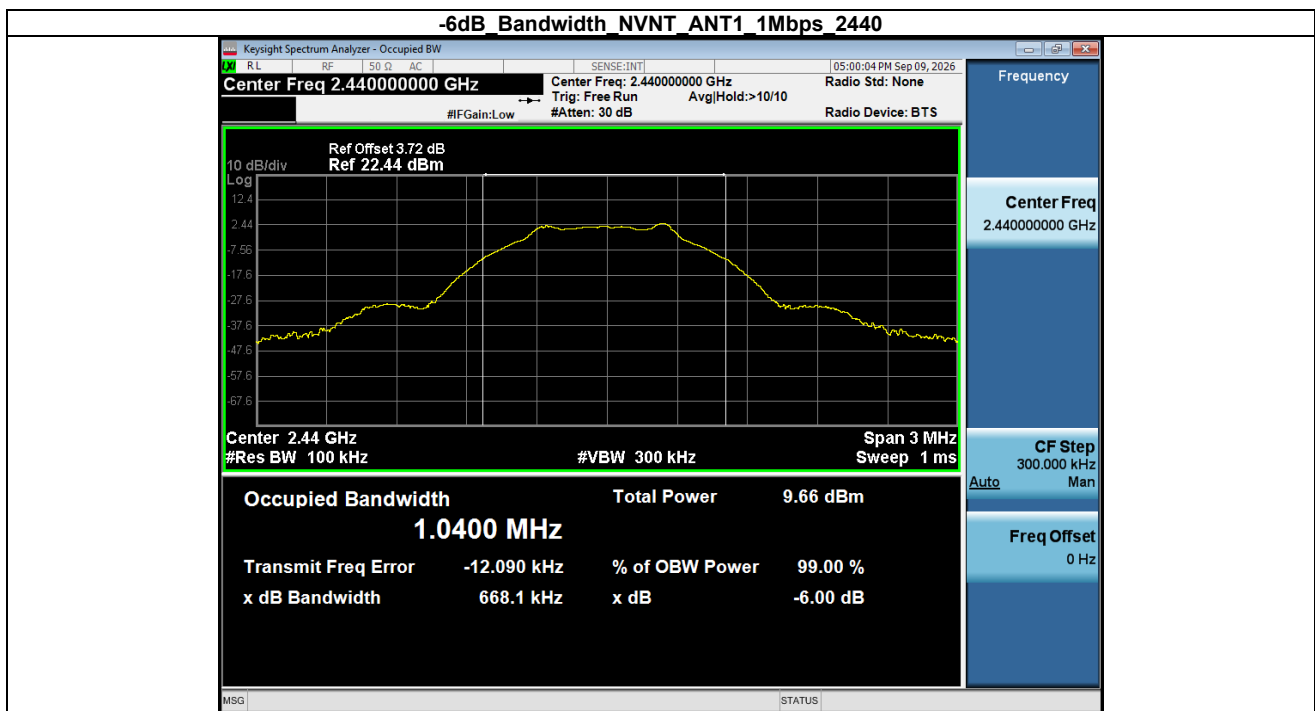
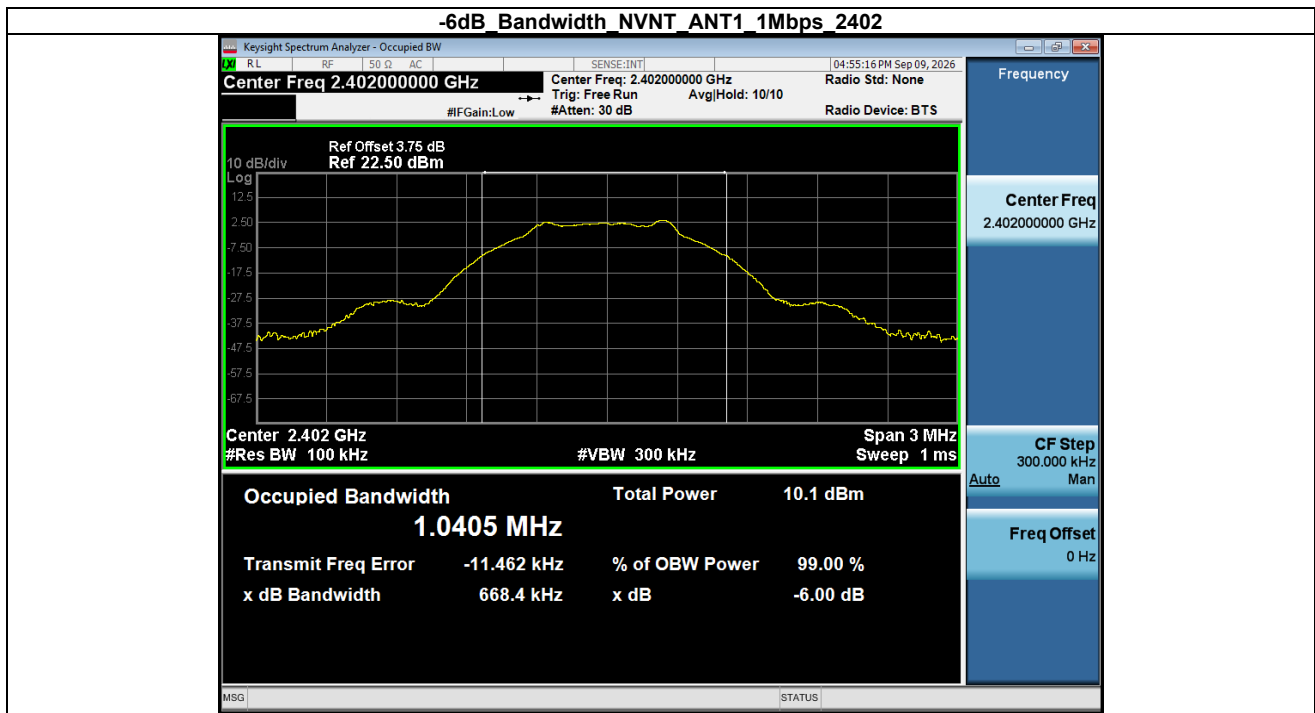
TEL: 400-8868-419

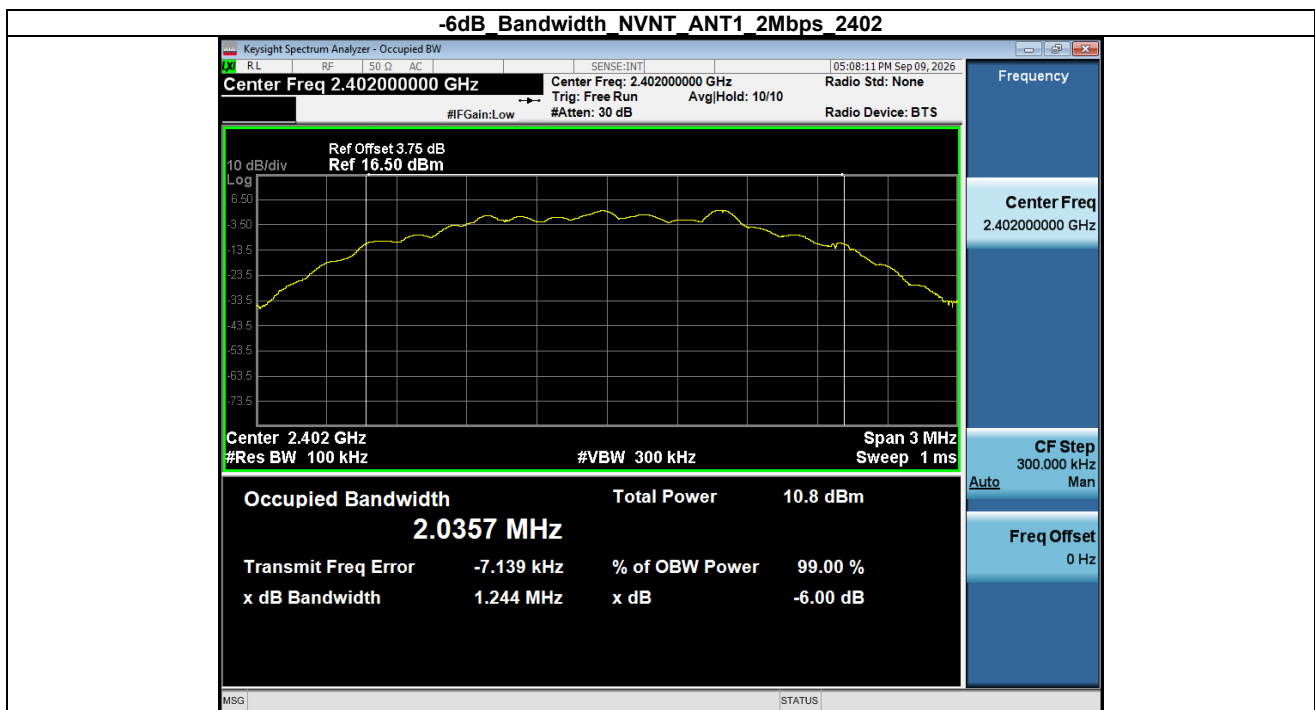
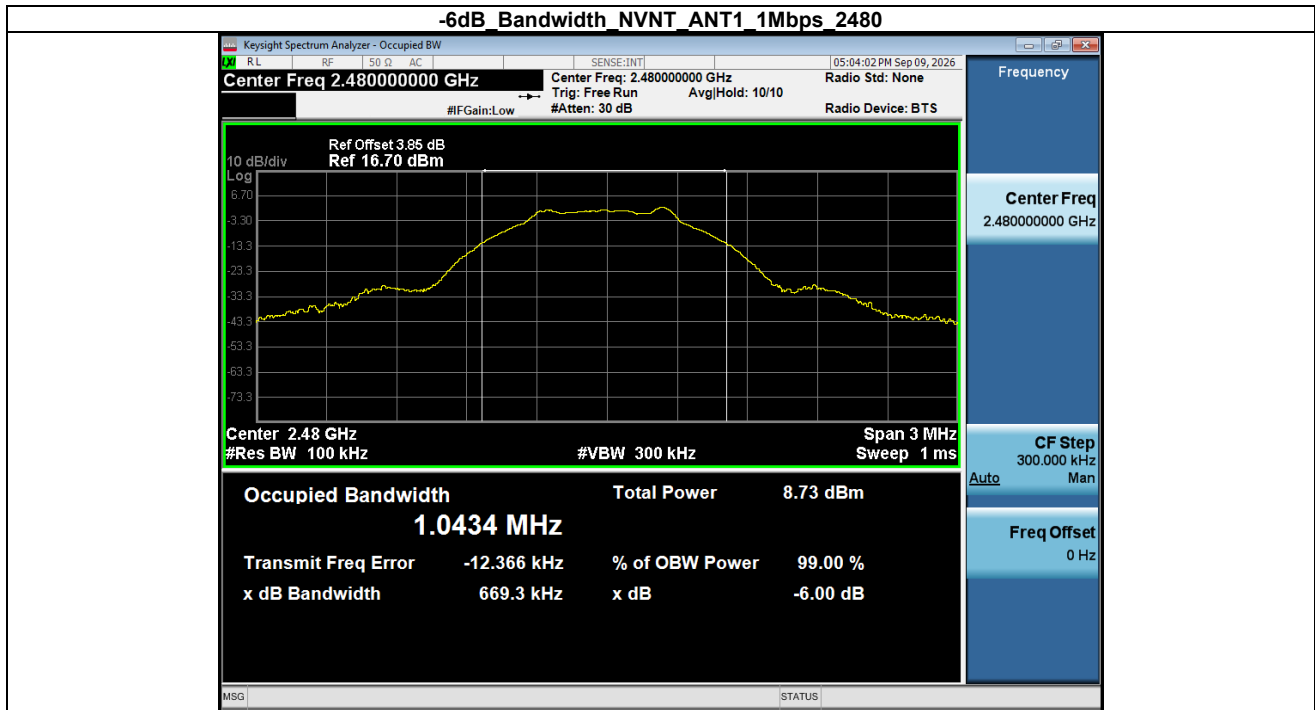
Table of Contents

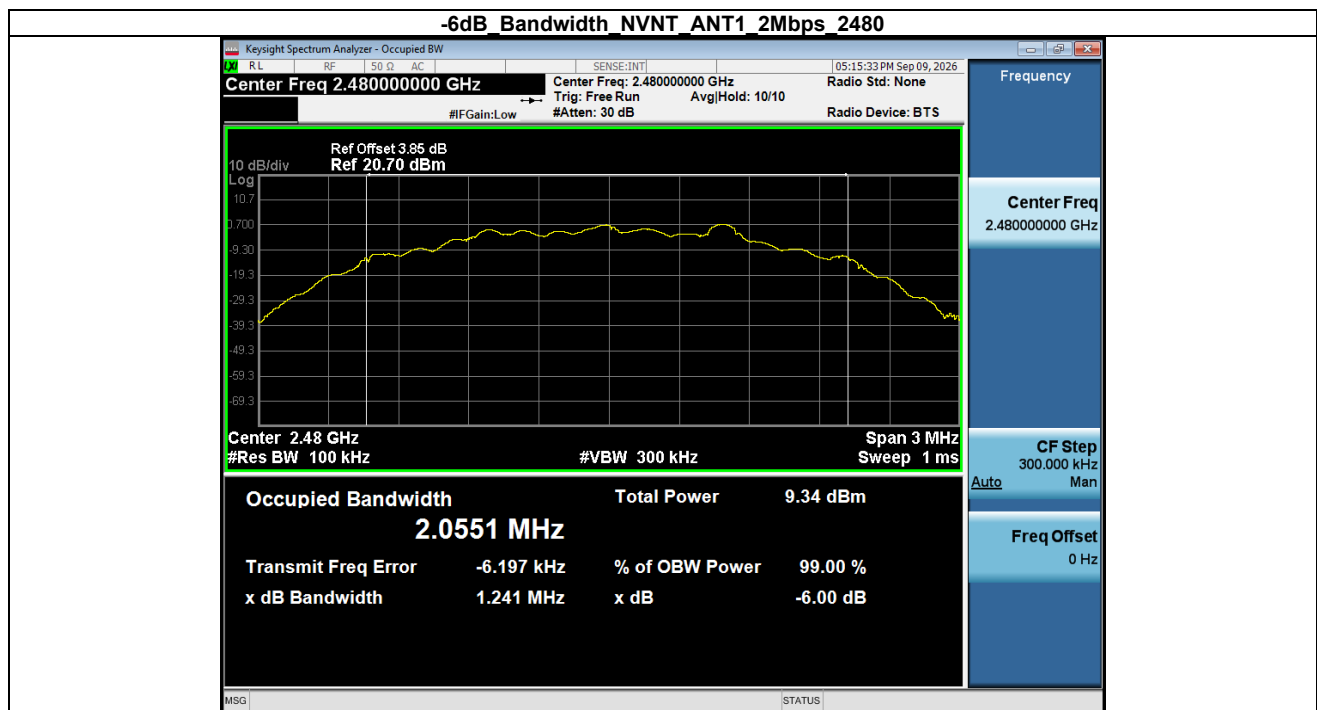
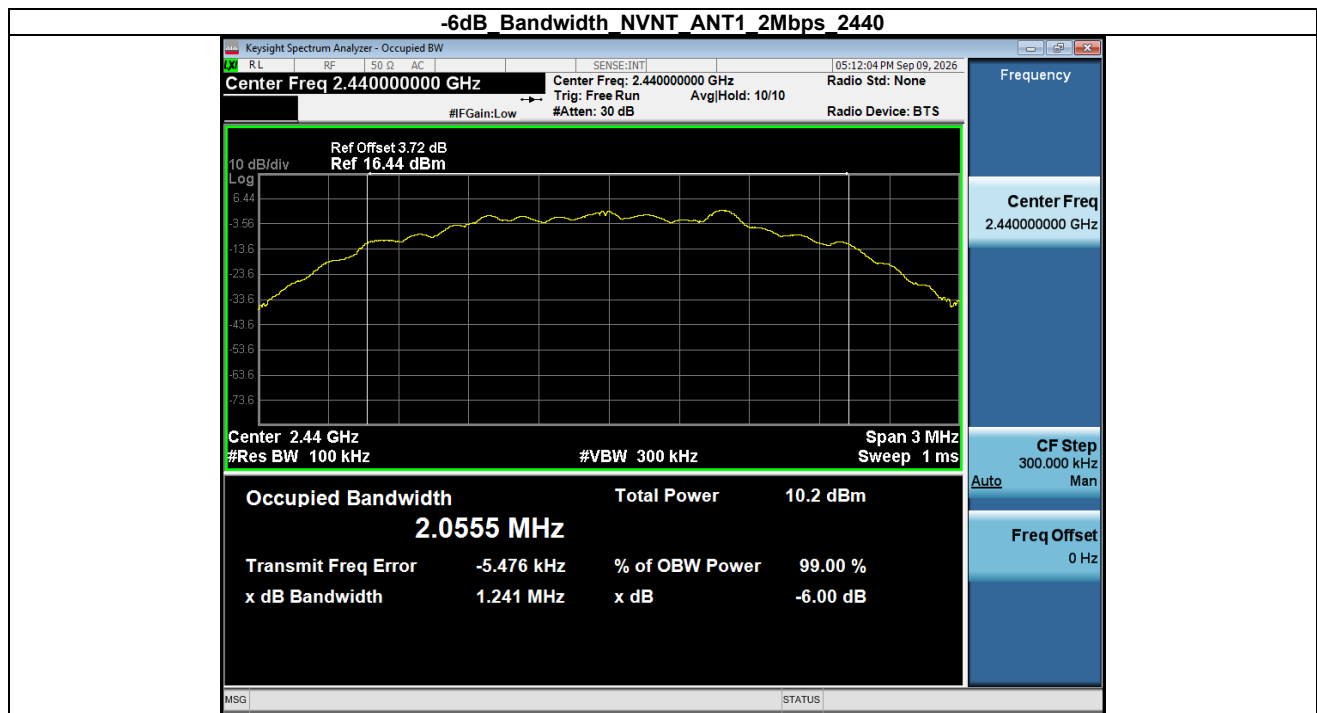
1. -6dB Bandwidth	3
2. 99% Occupied Bandwidth	6
3. Duty Cycle	9
4. Peak Output Power.....	12
5. Power Spectral Density.....	15
6. Bandedge.....	18
7. Spurious Emission.....	22

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	668.45	500	Pass
NVNT	ANT1	1Mbps	2440.00	668.12	500	Pass
NVNT	ANT1	1Mbps	2480.00	669.32	500	Pass
NVNT	ANT1	2Mbps	2402.00	1243.75	500	Pass
NVNT	ANT1	2Mbps	2440.00	1241.12	500	Pass
NVNT	ANT1	2Mbps	2480.00	1240.57	500	Pass

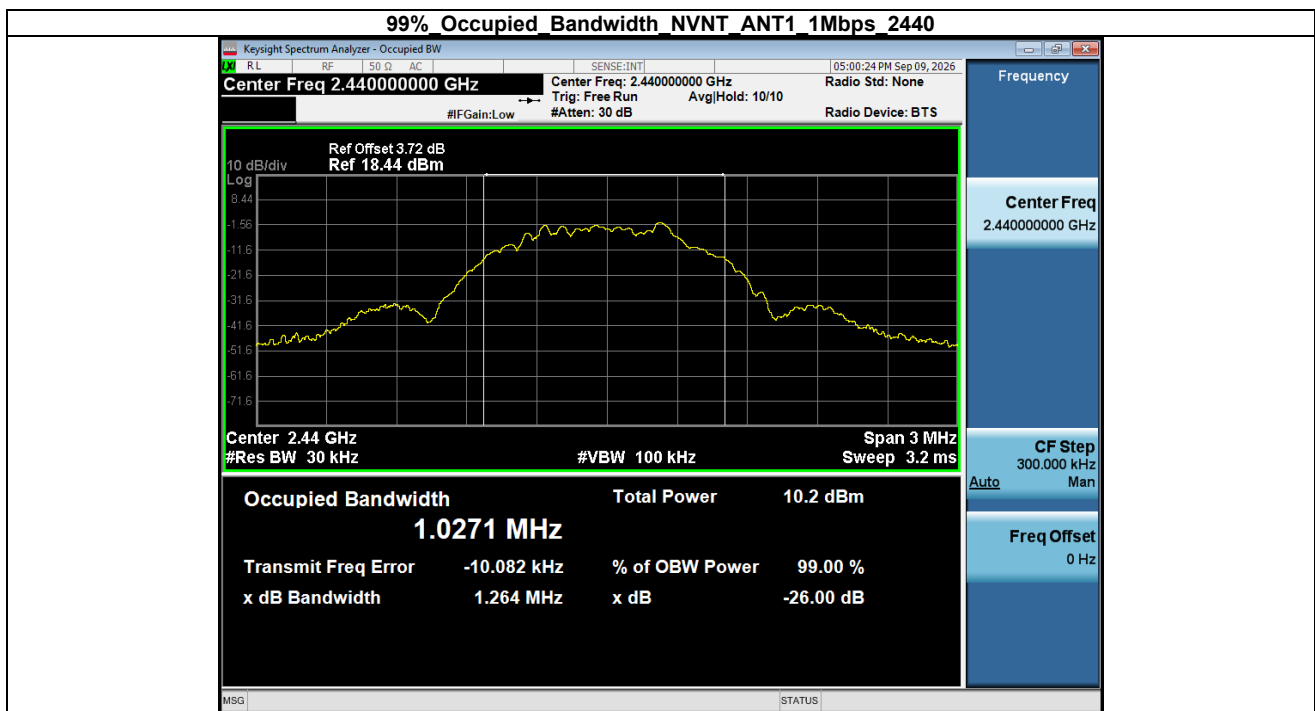
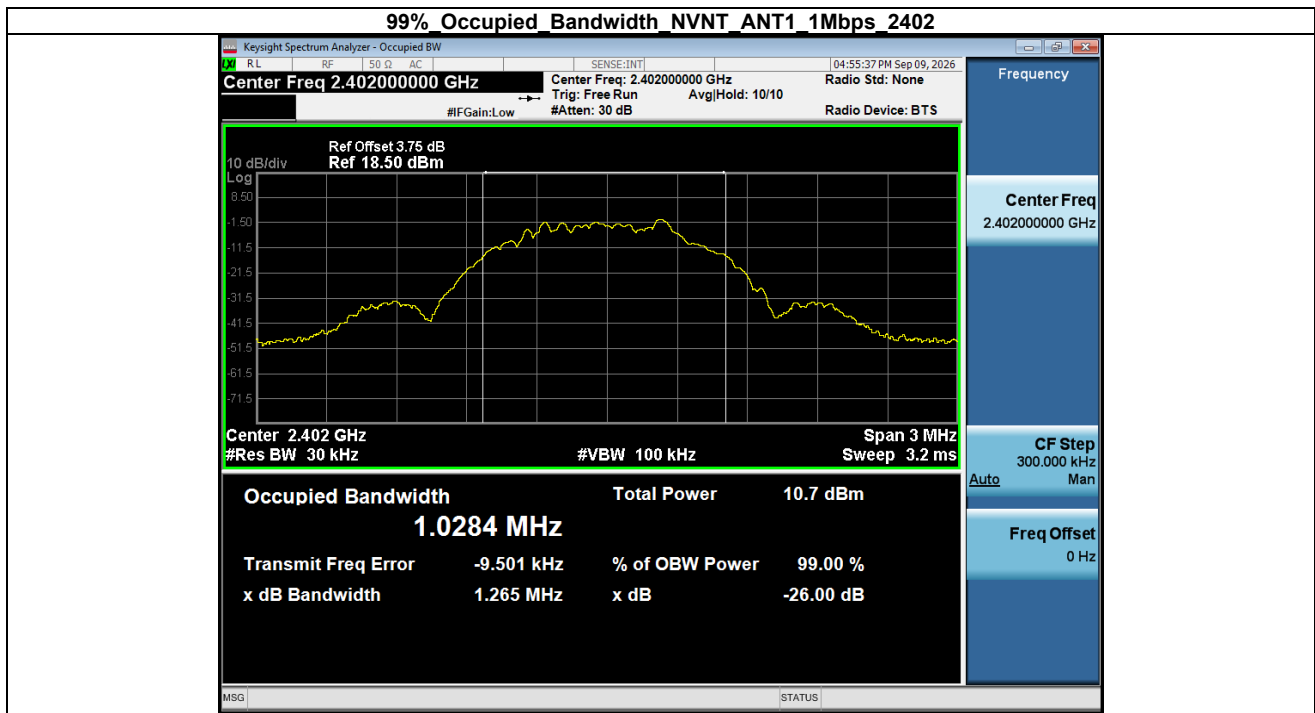


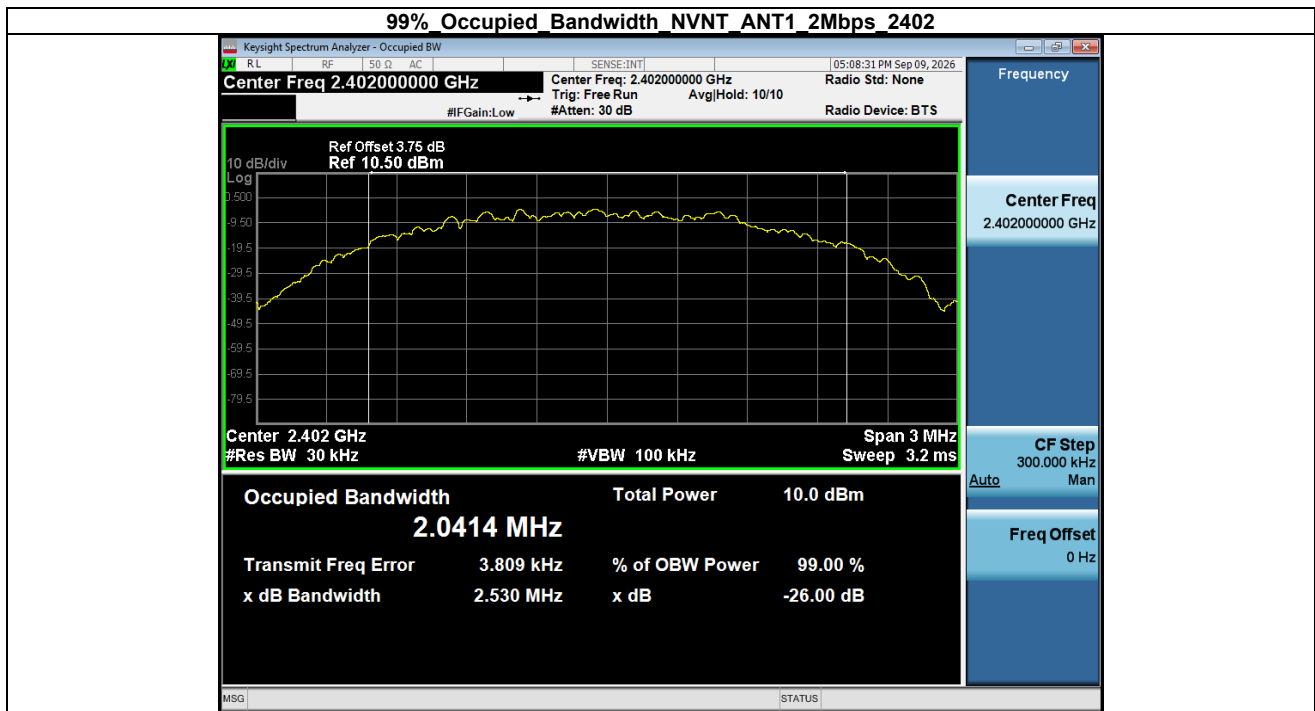


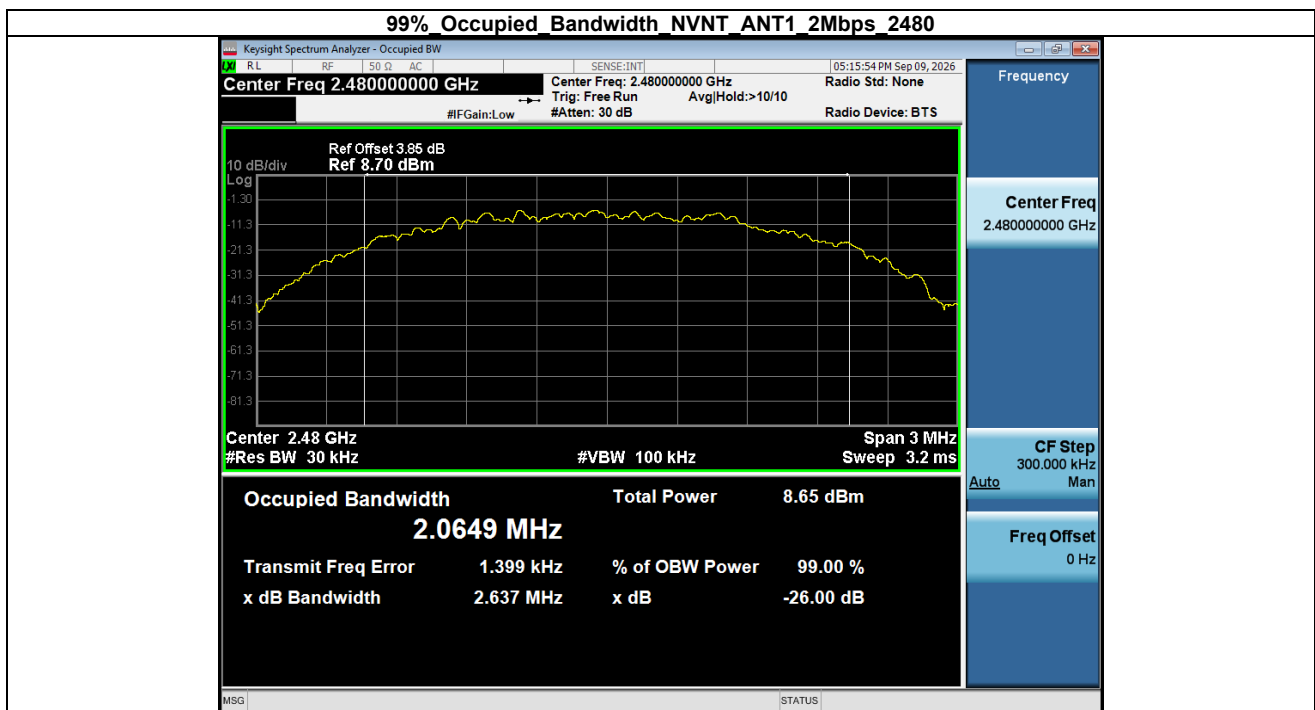
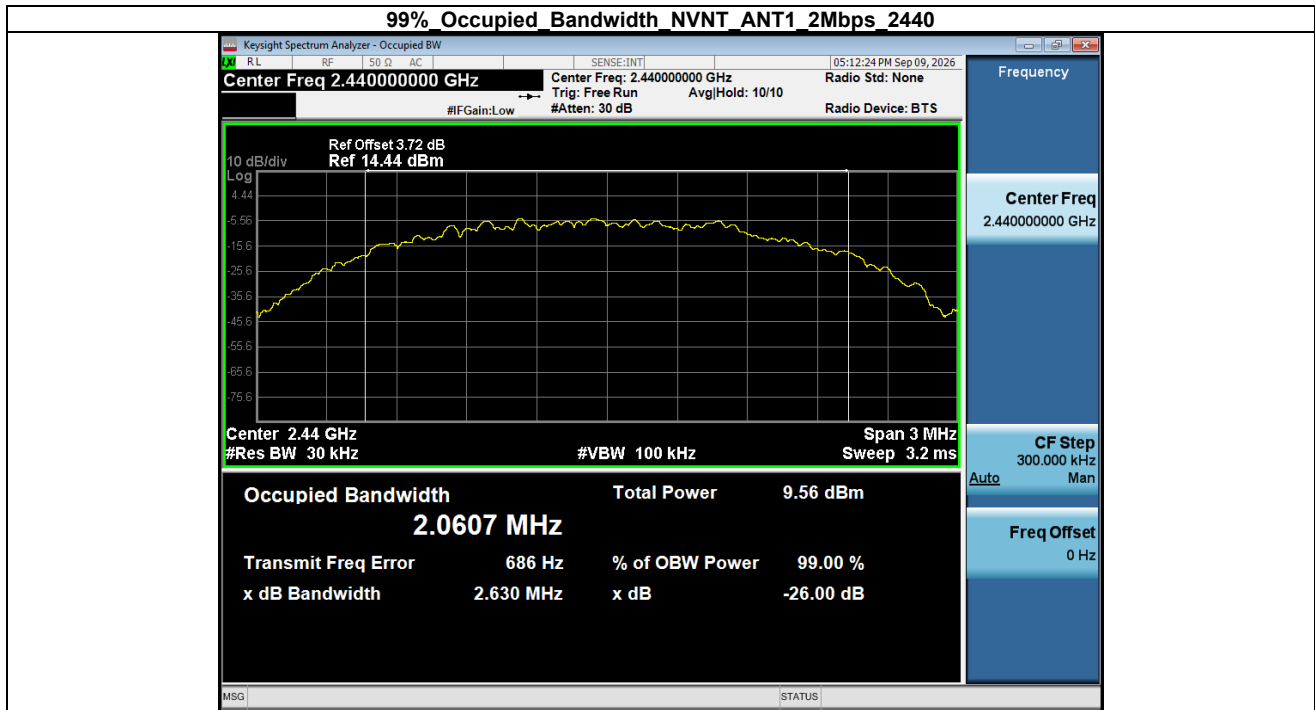


2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.028
NVNT	ANT1	1Mbps	2440.00	1.027
NVNT	ANT1	1Mbps	2480.00	1.029
NVNT	ANT1	2Mbps	2402.00	2.041
NVNT	ANT1	2Mbps	2440.00	2.061
NVNT	ANT1	2Mbps	2480.00	2.065



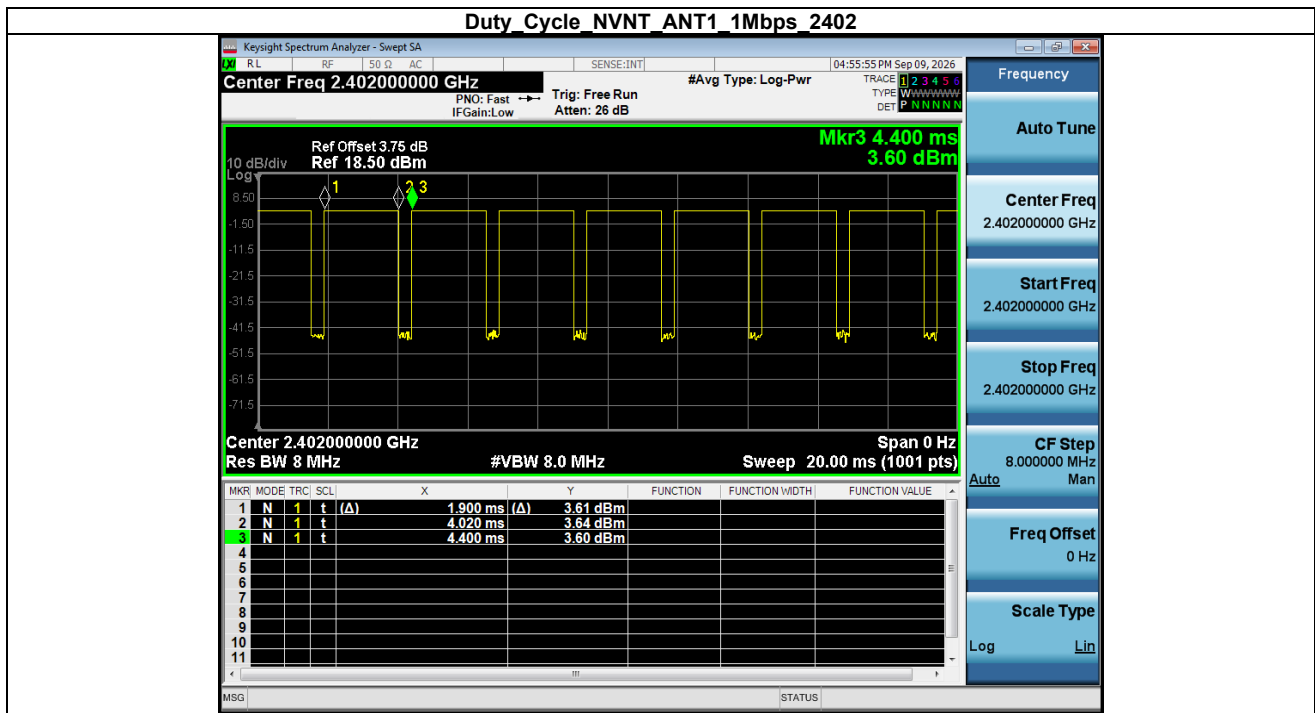




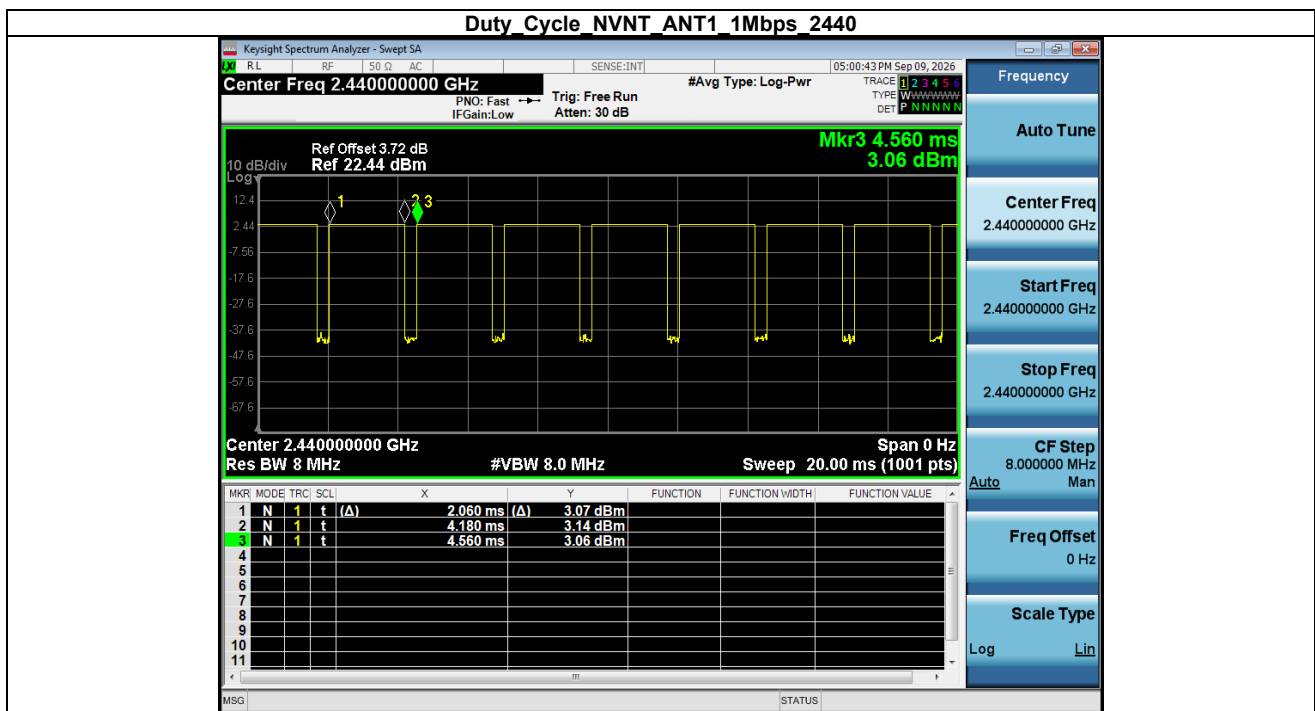
3. Duty Cycle

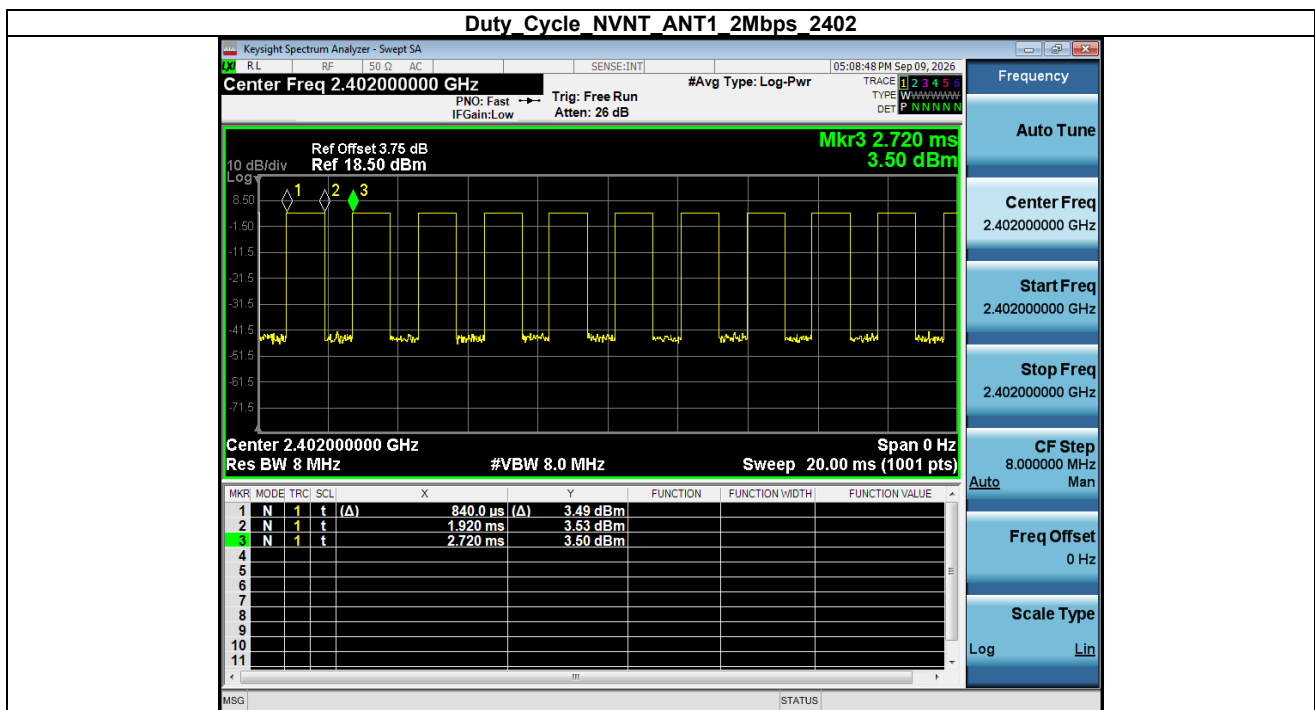
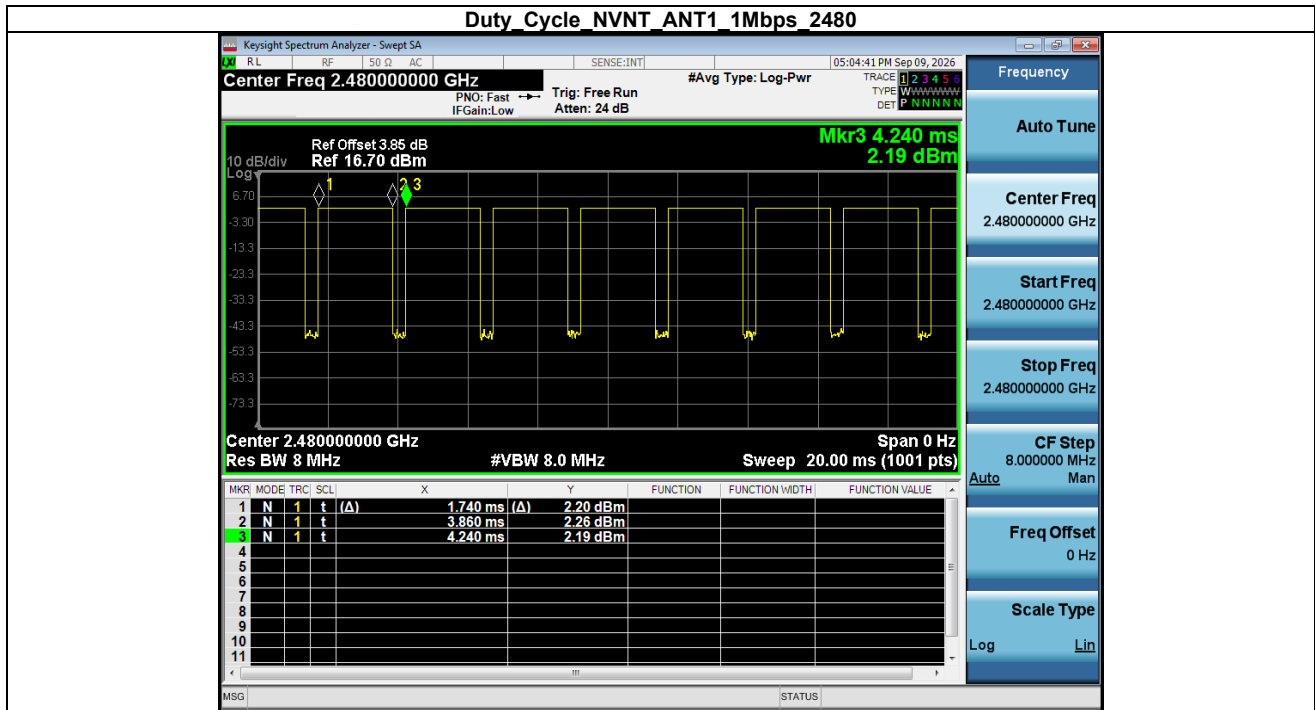
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	85.60	0.68
NVNT	ANT1	1Mbps	2440.00	85.60	0.68
NVNT	ANT1	1Mbps	2480.00	85.60	0.68
NVNT	ANT1	2Mbps	2402.00	58.51	2.33
NVNT	ANT1	2Mbps	2440.00	57.45	2.41
NVNT	ANT1	2Mbps	2480.00	56.38	2.49

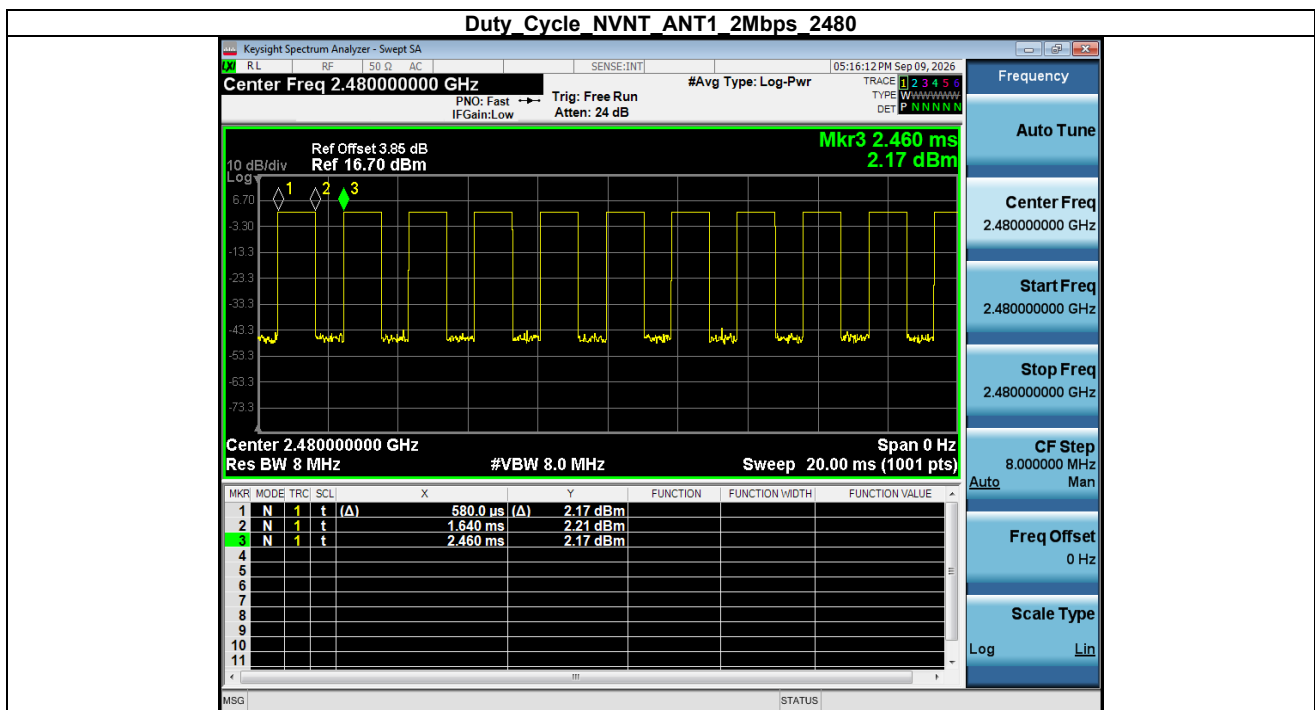
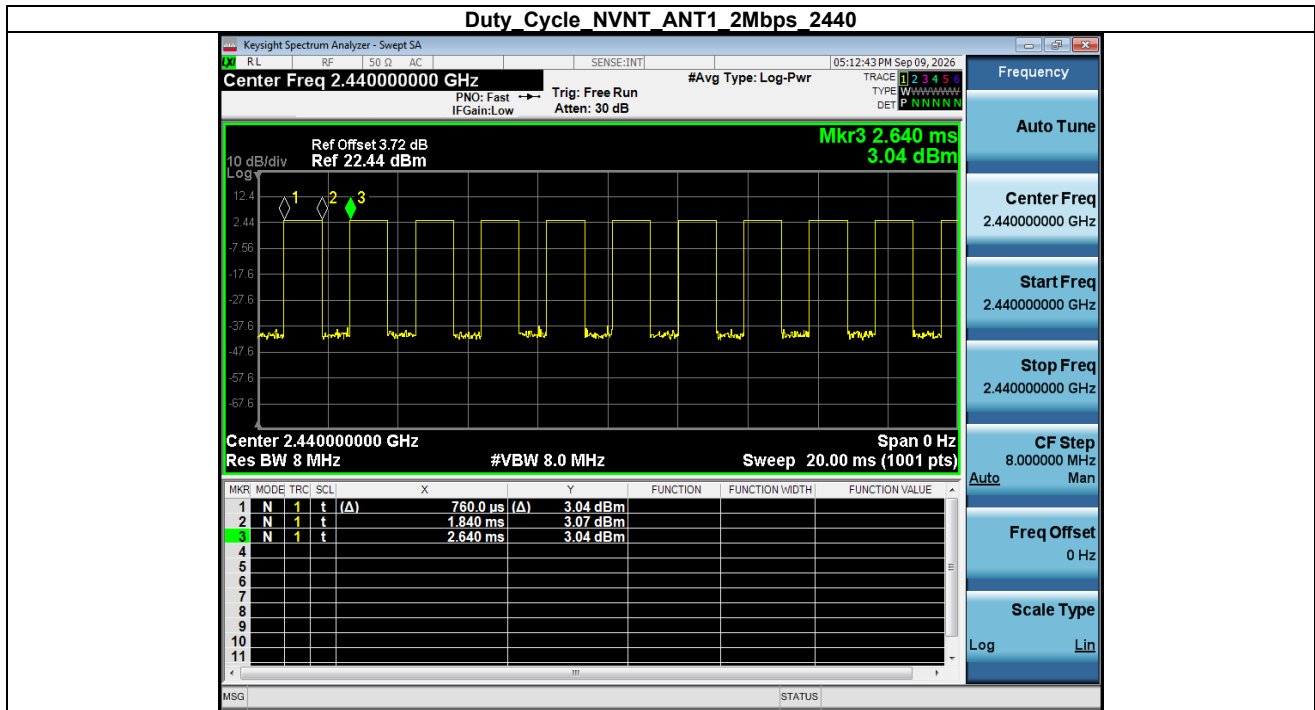
Duty Cycle NVNT ANT1 1Mbps 2402



Duty Cycle NVNT ANT1 1Mbps 2440



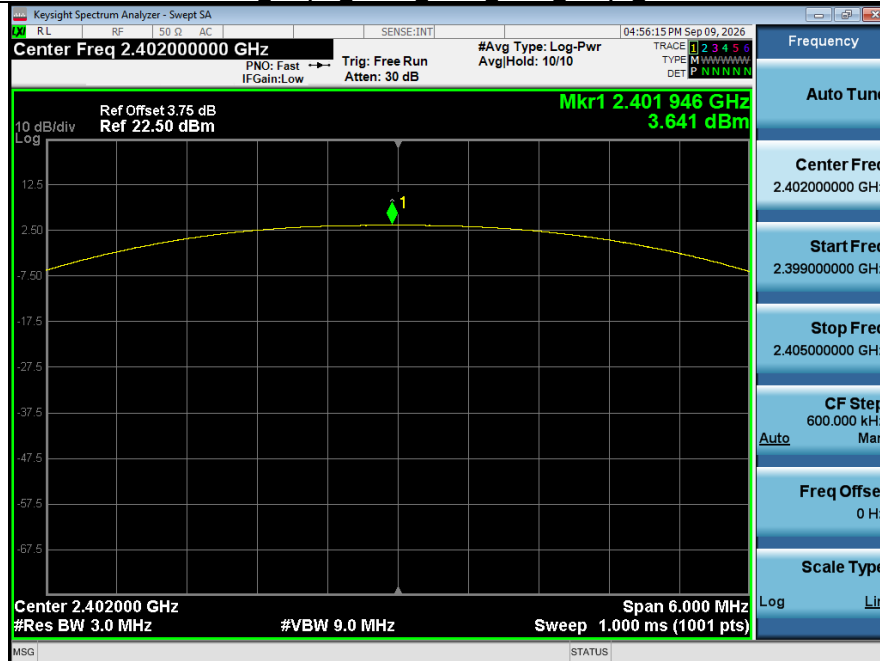




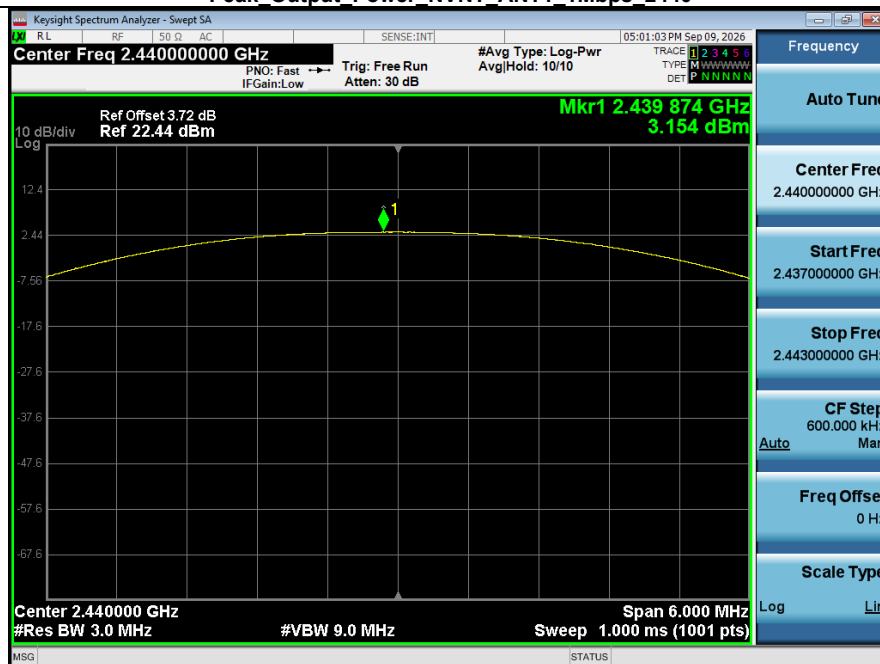
4. Peak Output Power

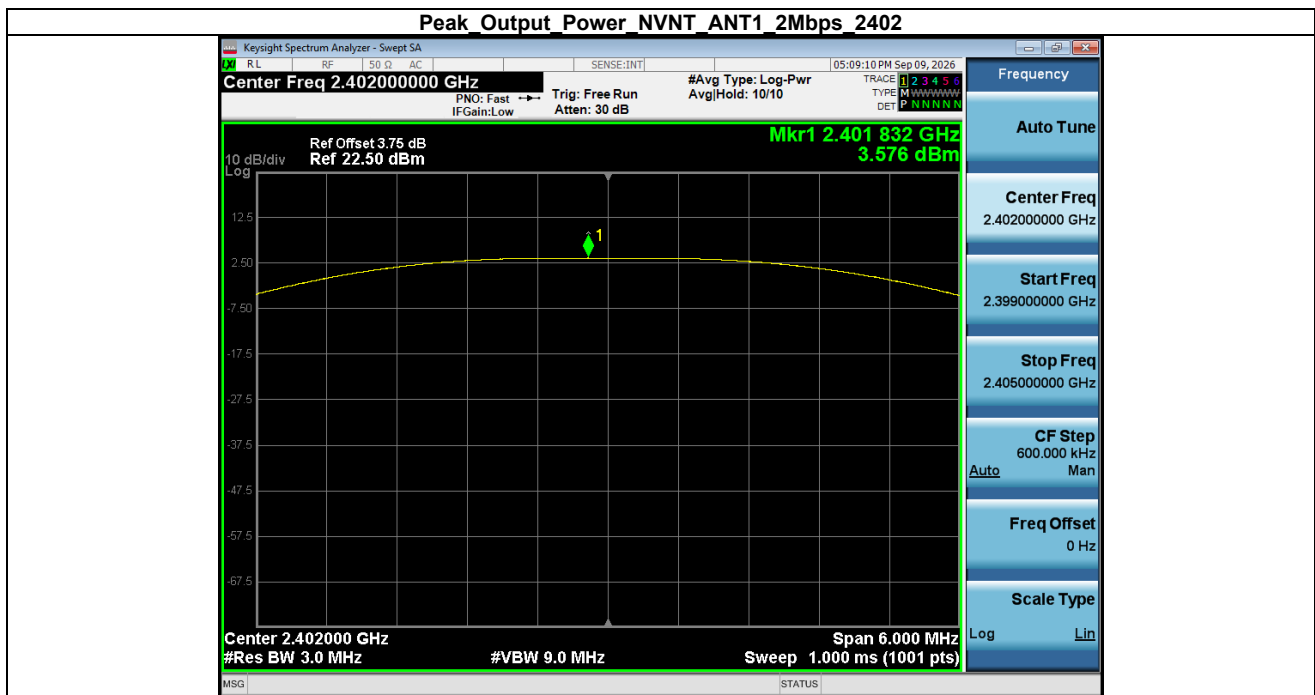
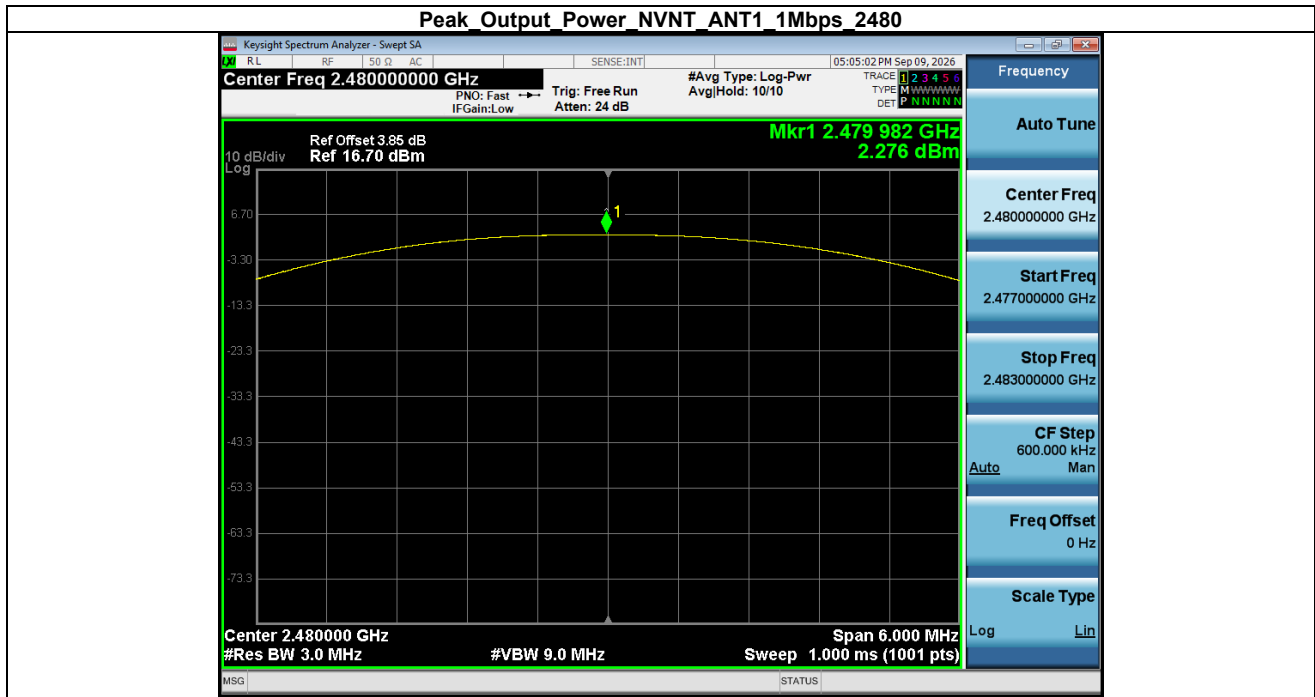
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	3.64	2.31	1000	Pass
NVNT	ANT1	1Mbps	2440.00	3.15	2.07	1000	Pass
NVNT	ANT1	1Mbps	2480.00	2.28	1.69	1000	Pass
NVNT	ANT1	2Mbps	2402.00	3.58	2.28	1000	Pass
NVNT	ANT1	2Mbps	2440.00	3.10	2.04	1000	Pass
NVNT	ANT1	2Mbps	2480.00	2.21	1.66	1000	Pass

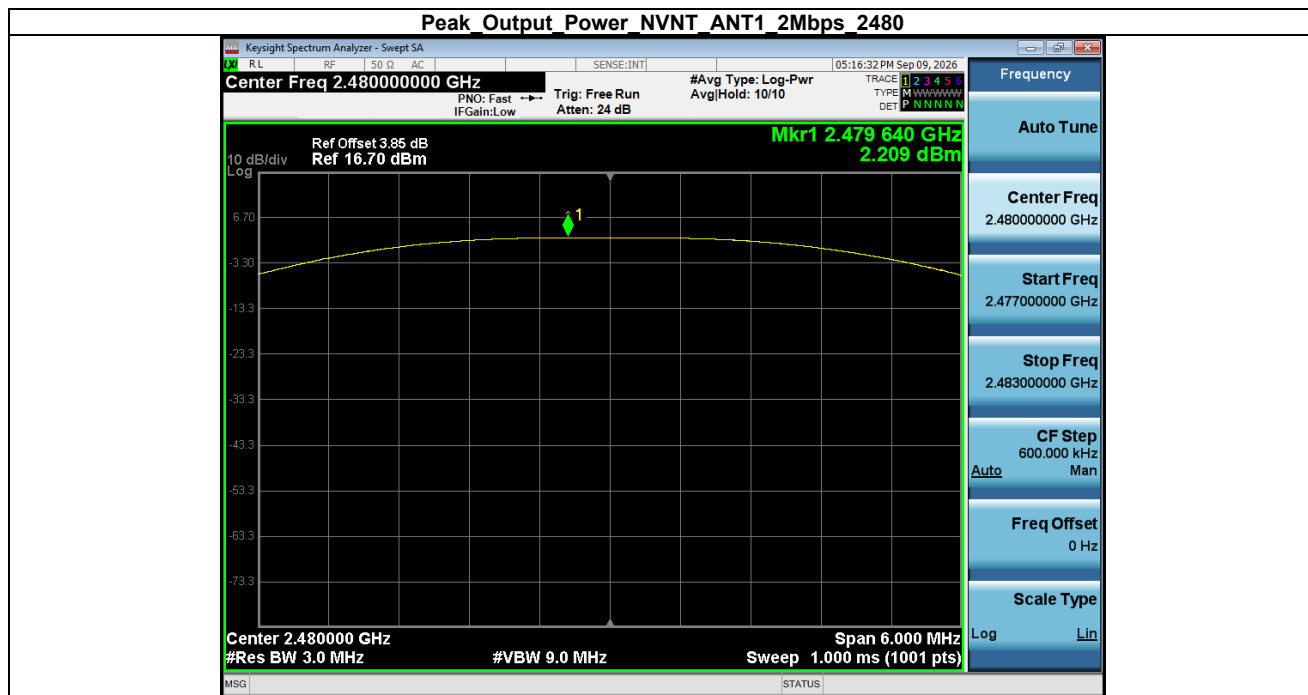
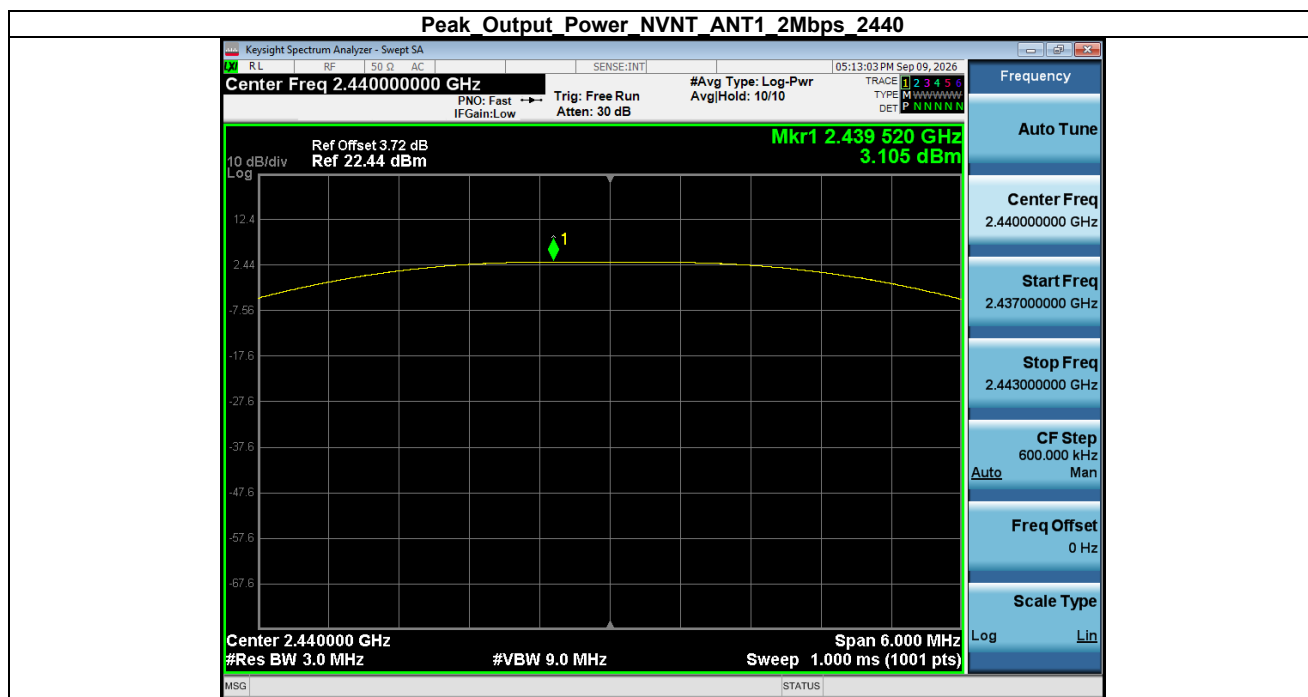
Peak Output Power NVNT ANT1 1Mbps 2402



Peak Output Power NVNT ANT1 1Mbps 2440

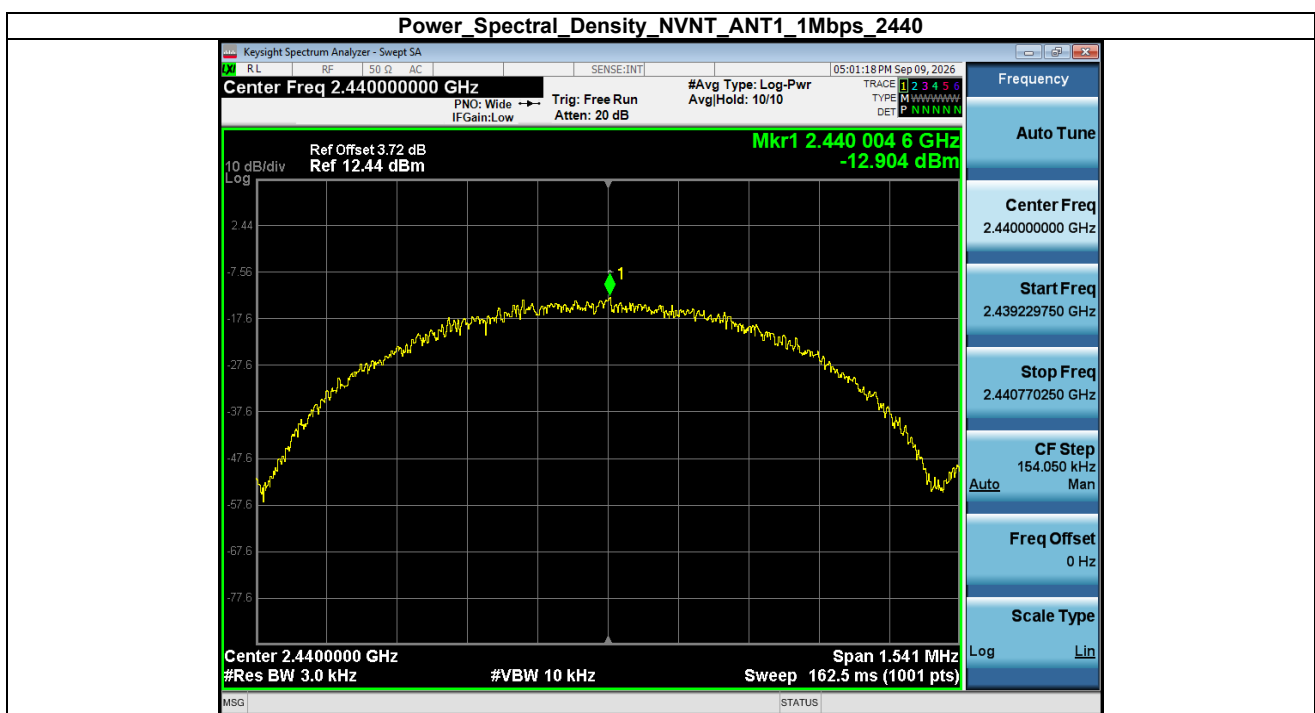
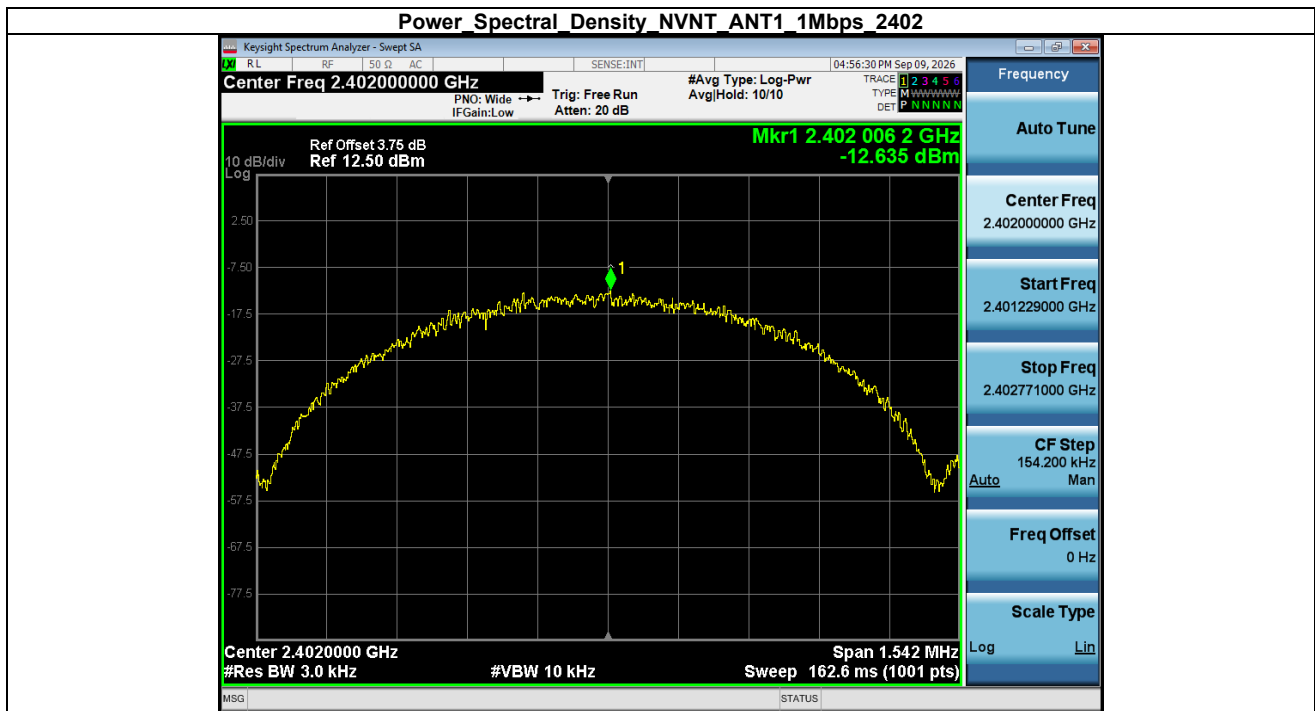


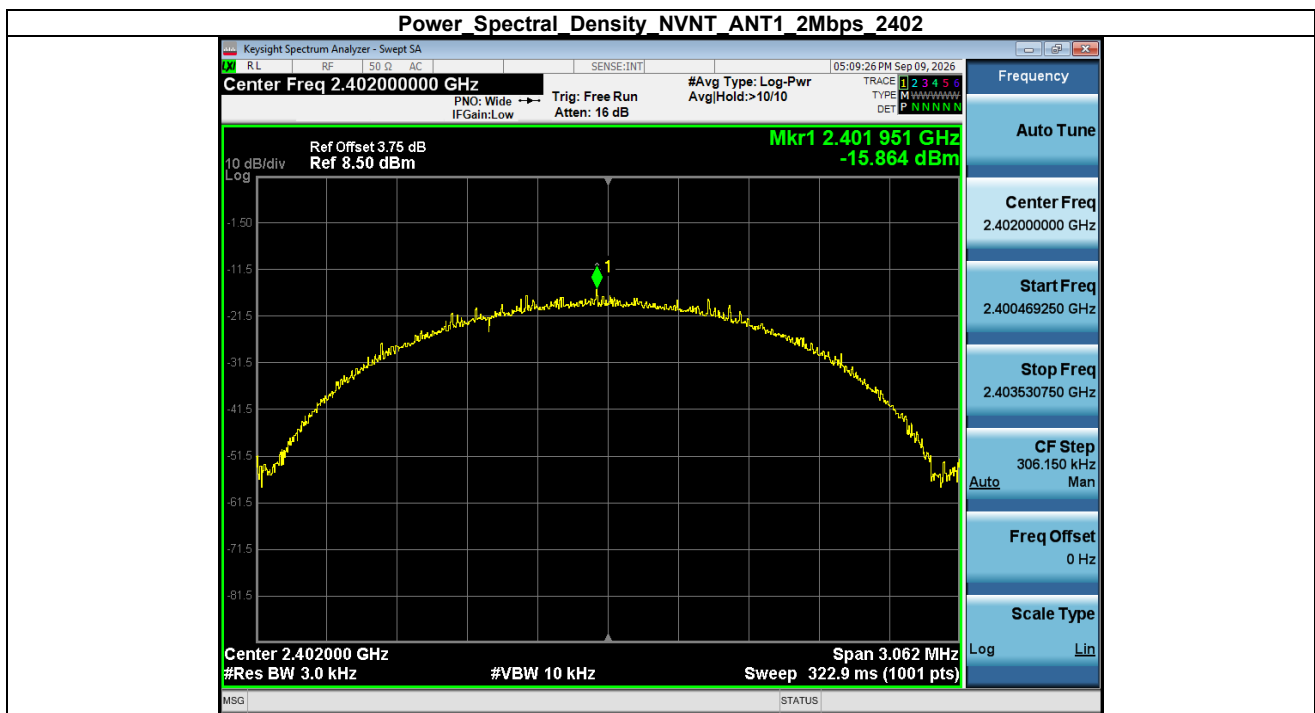
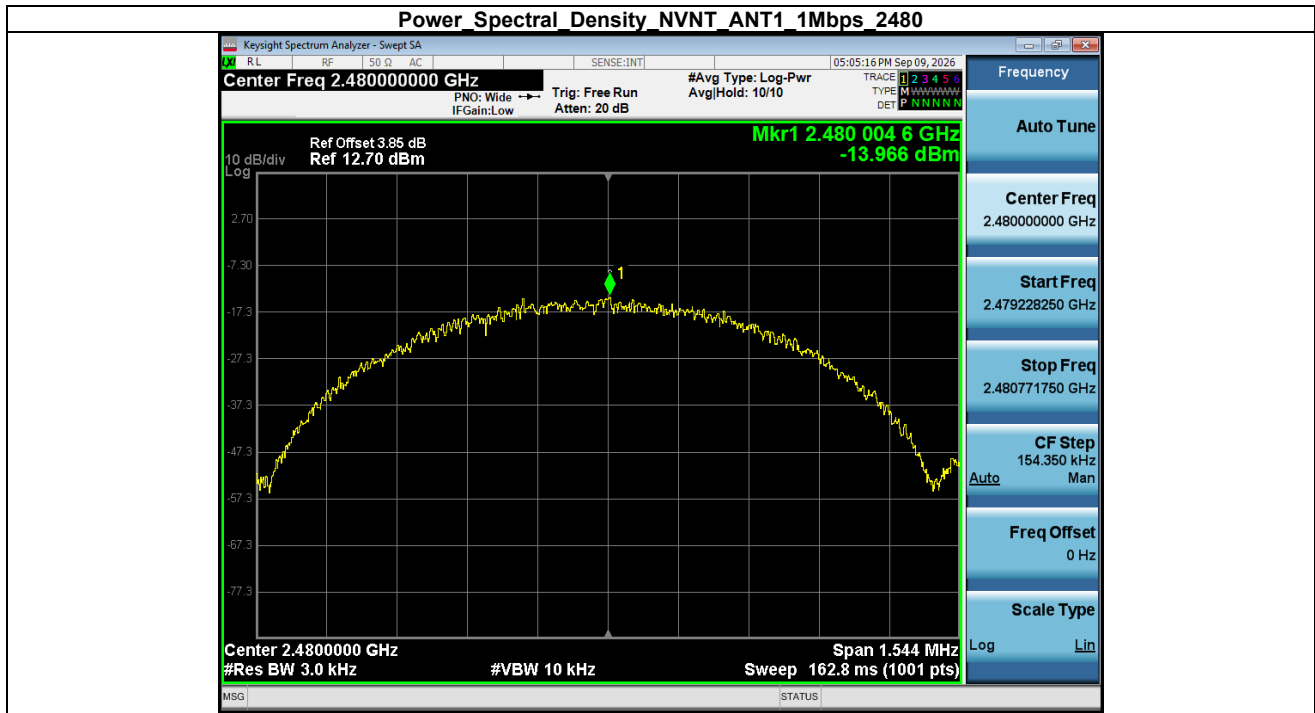


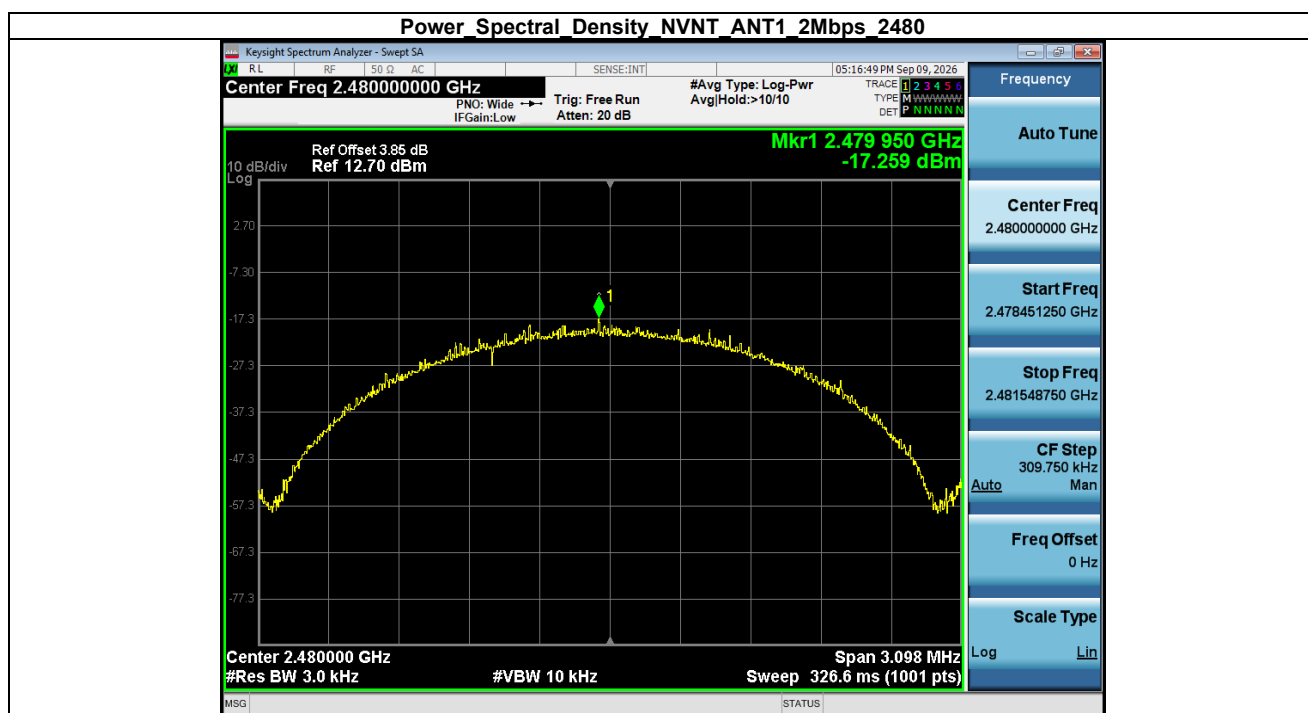
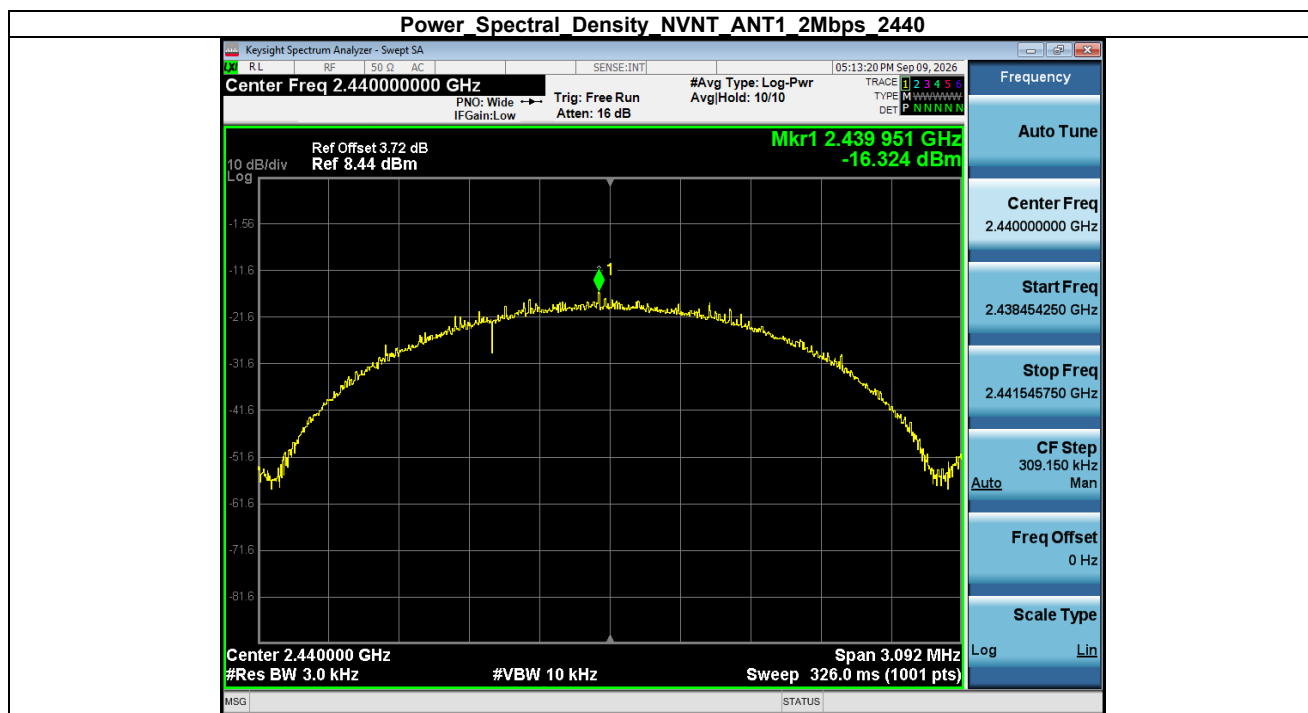


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-12.63	8	Pass
NVNT	ANT1	1Mbps	2440.00	-12.90	8	Pass
NVNT	ANT1	1Mbps	2480.00	-13.97	8	Pass
NVNT	ANT1	2Mbps	2402.00	-15.86	8	Pass
NVNT	ANT1	2Mbps	2440.00	-16.32	8	Pass
NVNT	ANT1	2Mbps	2480.00	-17.26	8	Pass







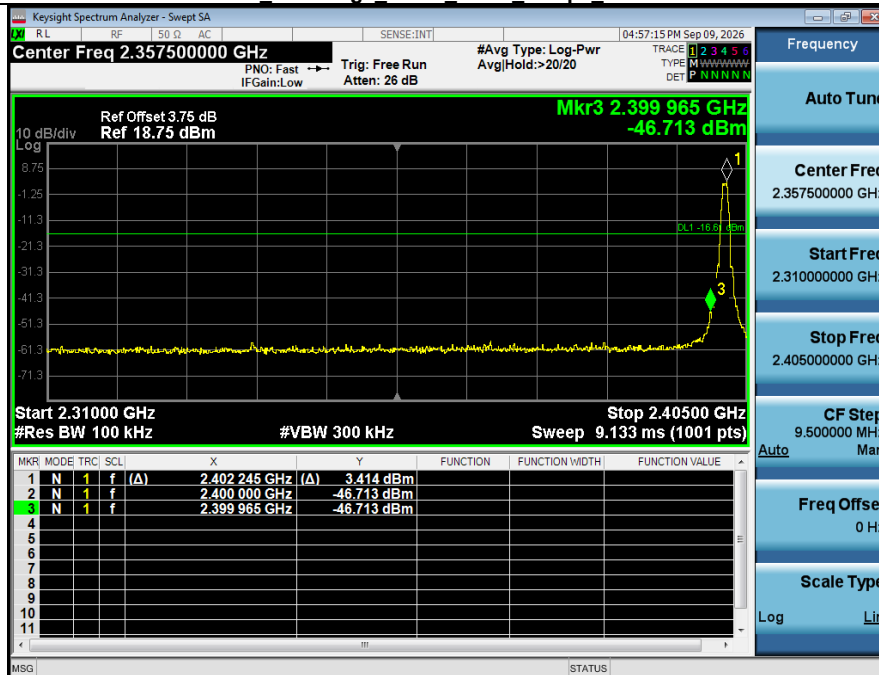
6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	3.394	-46.713	-16.606	Pass
NVNT	ANT1	1Mbps	2480.00	2483.550	2.041	-57.650	-17.959	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	2.424	-30.714	-17.576	Pass
NVNT	ANT1	2Mbps	2480.00	2483.650	1.058	-57.048	-18.942	Pass

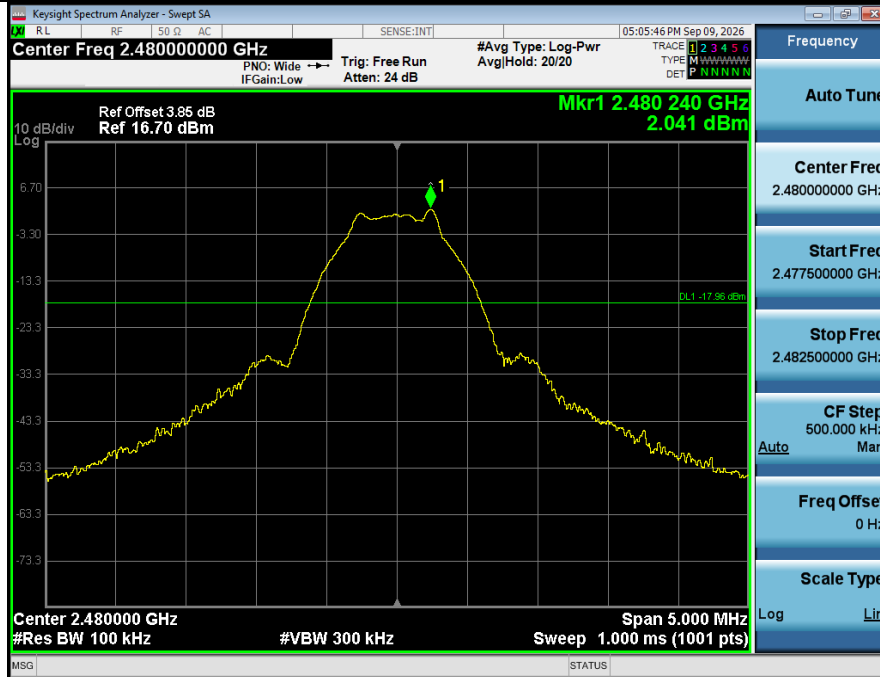
1 Reference_Level_NVNT_ANT1_1Mbps_2402



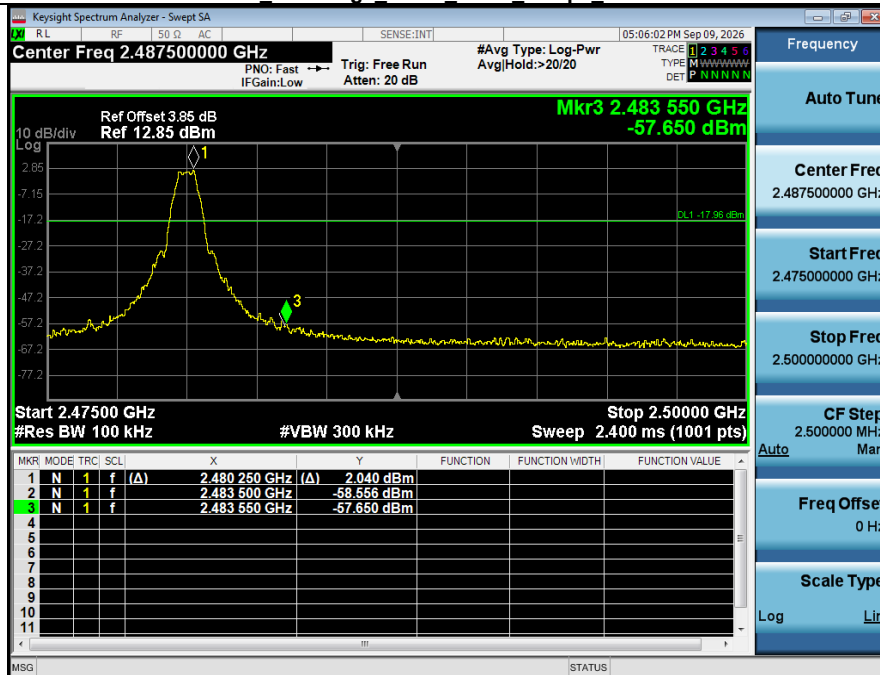
2 Bandedge_NVNT_ANT1_1Mbps_2402

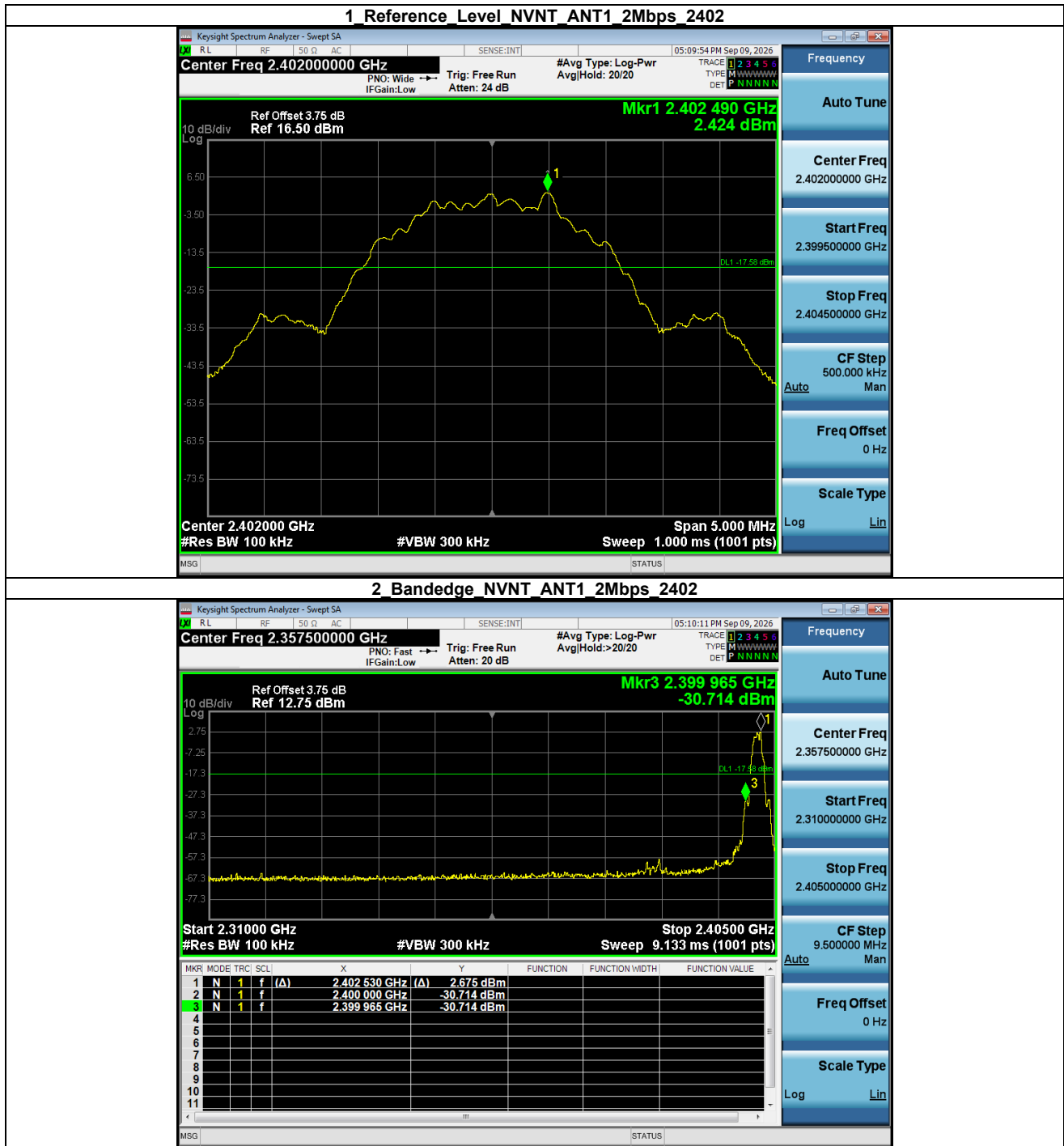


1 Reference Level NVNT ANT1 1Mbps 2480



2 Bandedge NVNT ANT1 1Mbps 2480

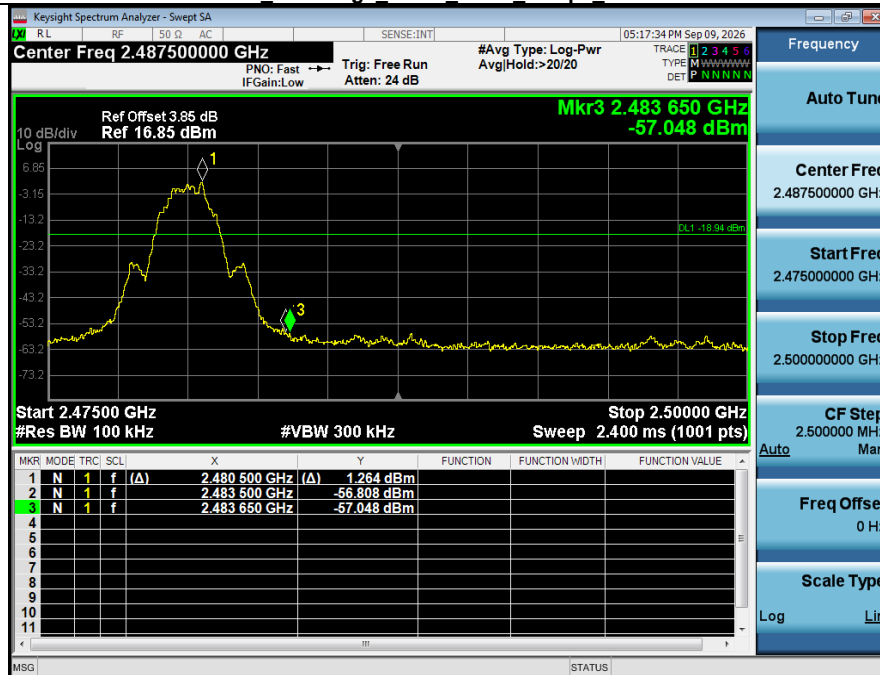




1 Reference Level NVNT ANT1 2Mbps 2480



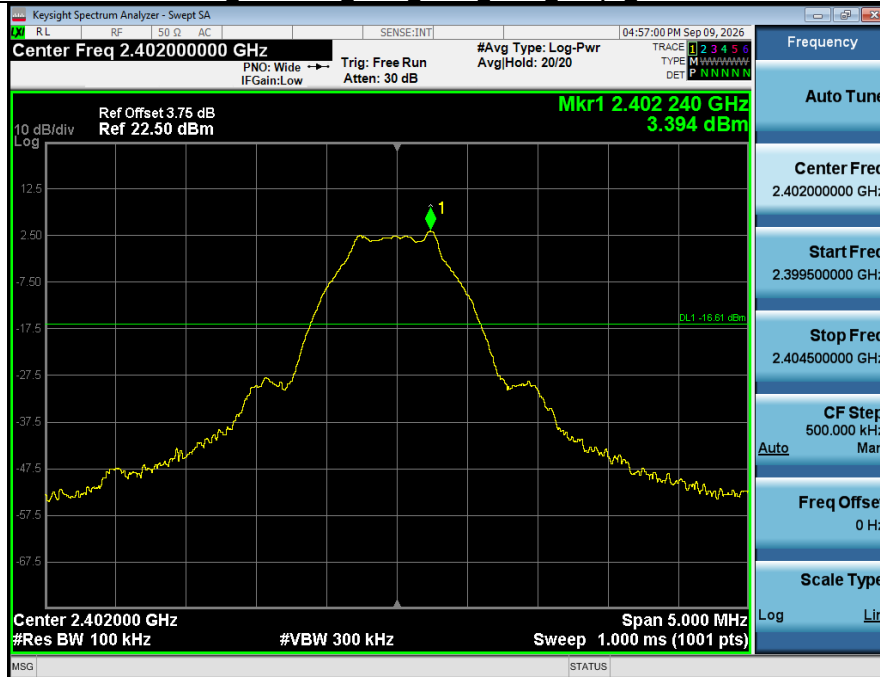
2 Bandedge NVNT ANT1 2Mbps 2480



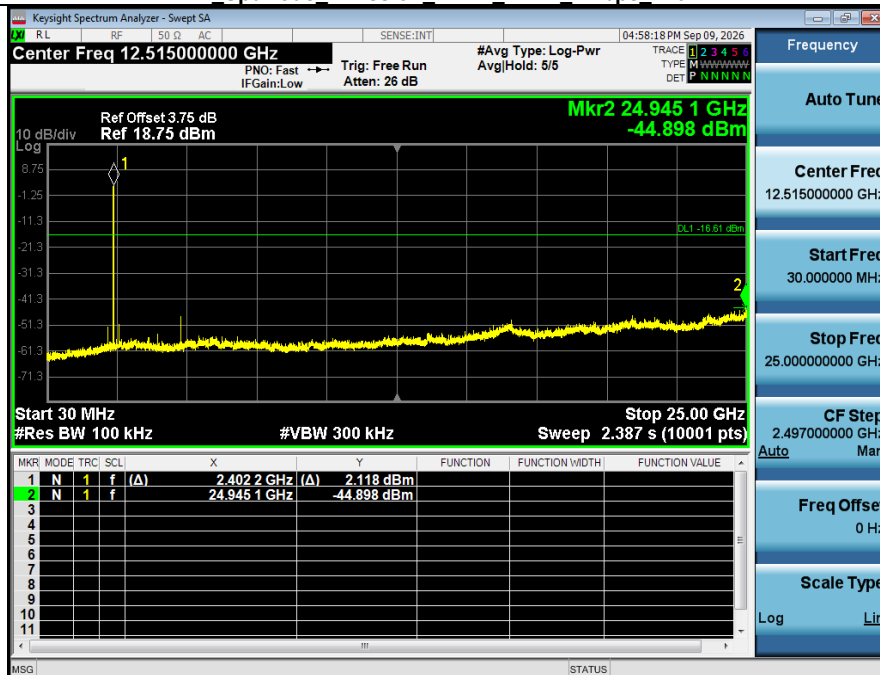
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	3.394	-44.898	-16.606	Pass
NVNT	ANT1	1Mbps	2440.00	2.868	-45.261	-17.132	Pass
NVNT	ANT1	1Mbps	2480.00	2.041	-51.861	-17.959	Pass
NVNT	ANT1	2Mbps	2402.00	2.424	-47.998	-17.576	Pass
NVNT	ANT1	2Mbps	2440.00	1.932	-51.377	-18.068	Pass
NVNT	ANT1	2Mbps	2480.00	1.058	-47.219	-18.942	Pass

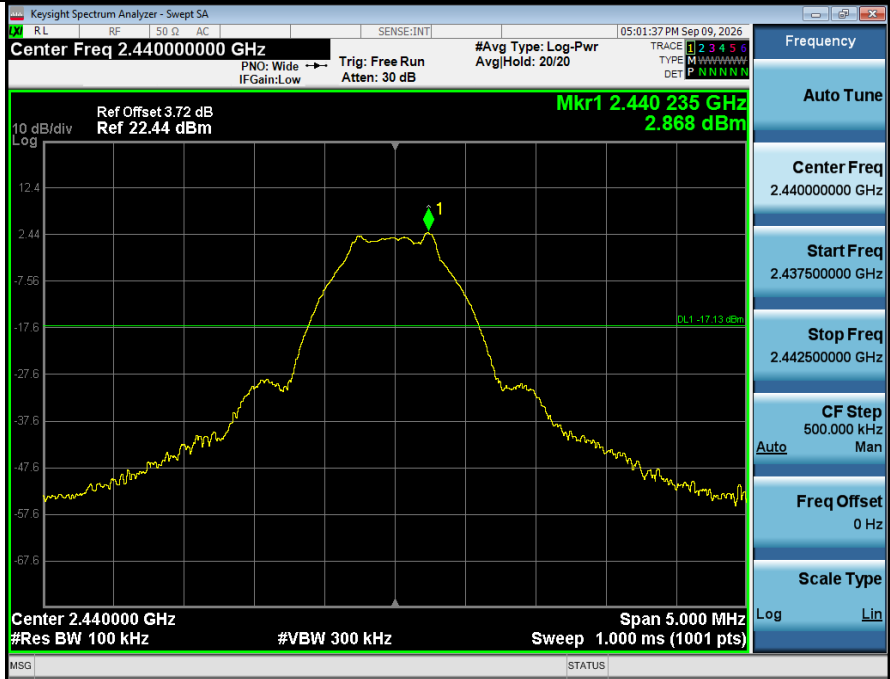
1 Reference Level NVNT ANT1 1Mbps 2402



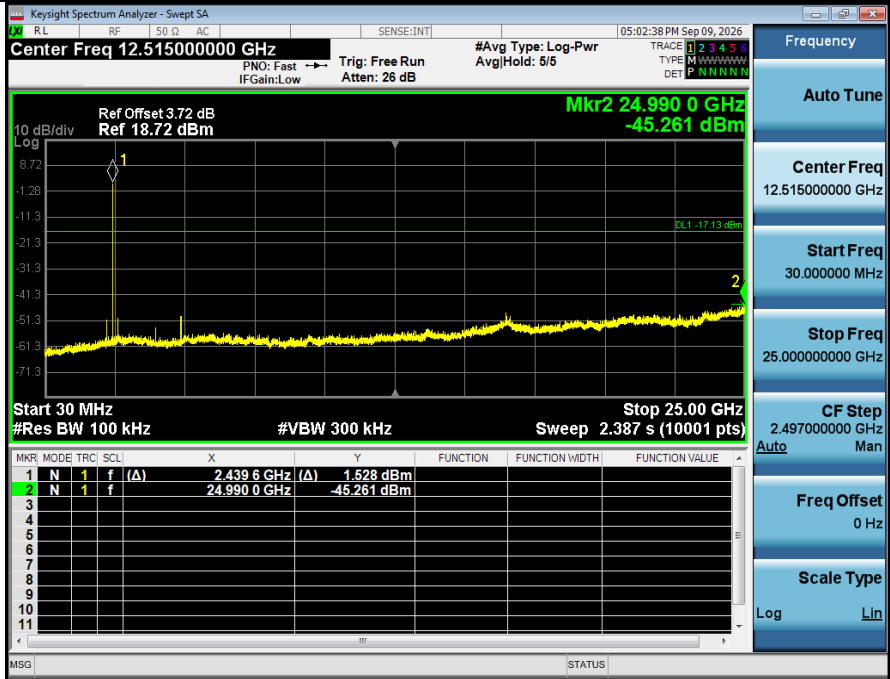
2 Spurious Emission NVNT ANT1 1Mbps 2402



1 Reference Level NVNT ANT1 1Mbps 2440



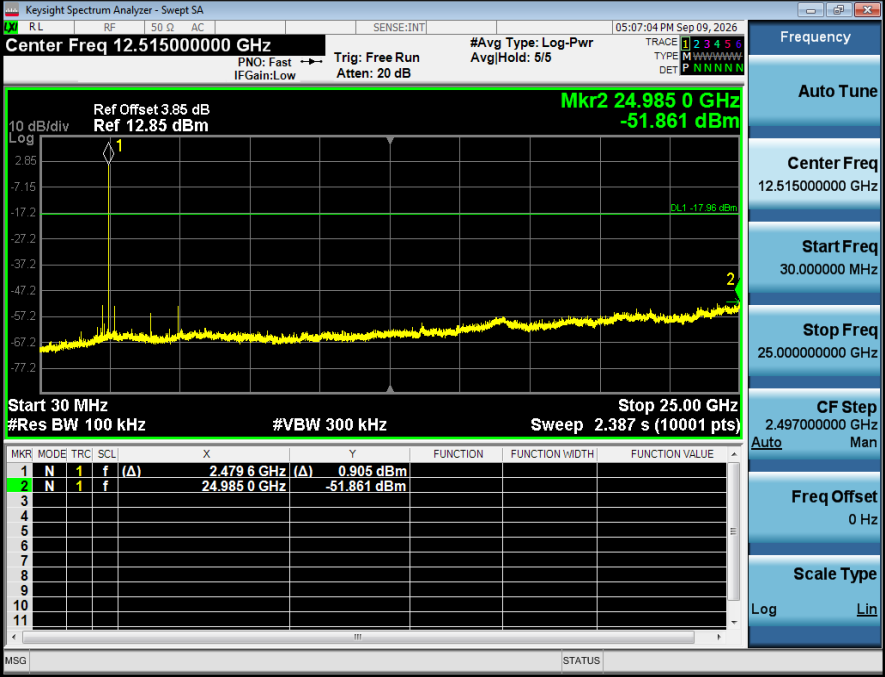
2 Spurious Emission NVNT ANT1 1Mbps 2440

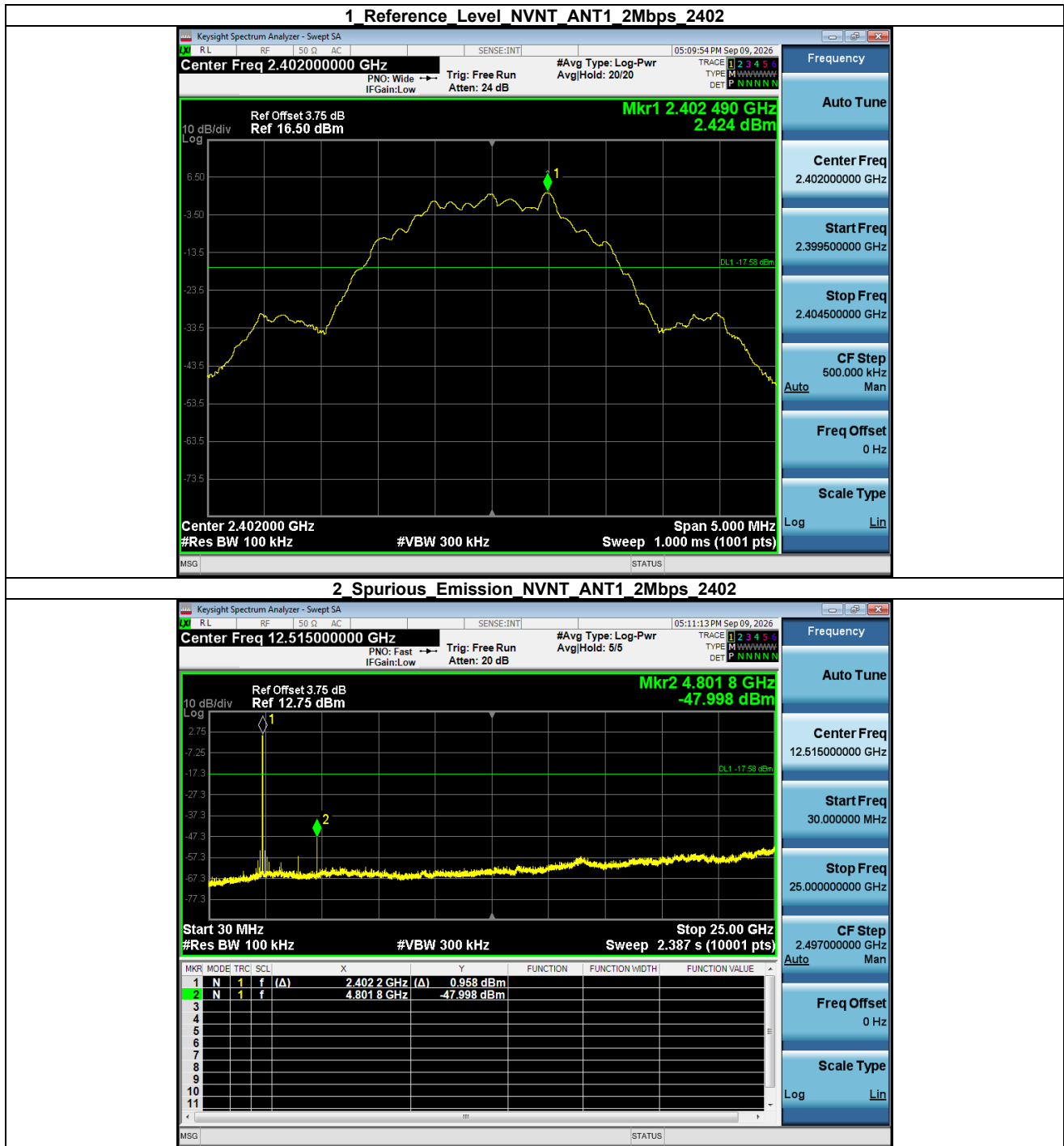


1 Reference Level NVNT ANT1 1Mbps 2480



2 Spurious Emission NVNT ANT1 1Mbps 2480

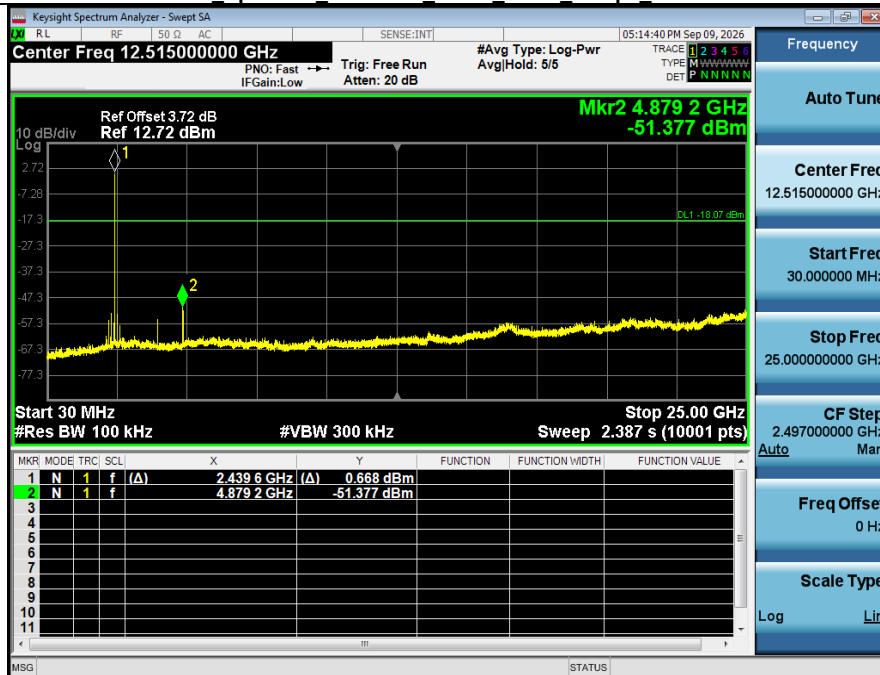




1 Reference Level NVNT ANT1 2Mbps 2440



2 Spurious Emission NVNT ANT1 2Mbps 2440



1 Reference Level NVNT ANT1 2Mbps 2480



2 Spurious Emission NVNT ANT1 2Mbps 2480

