

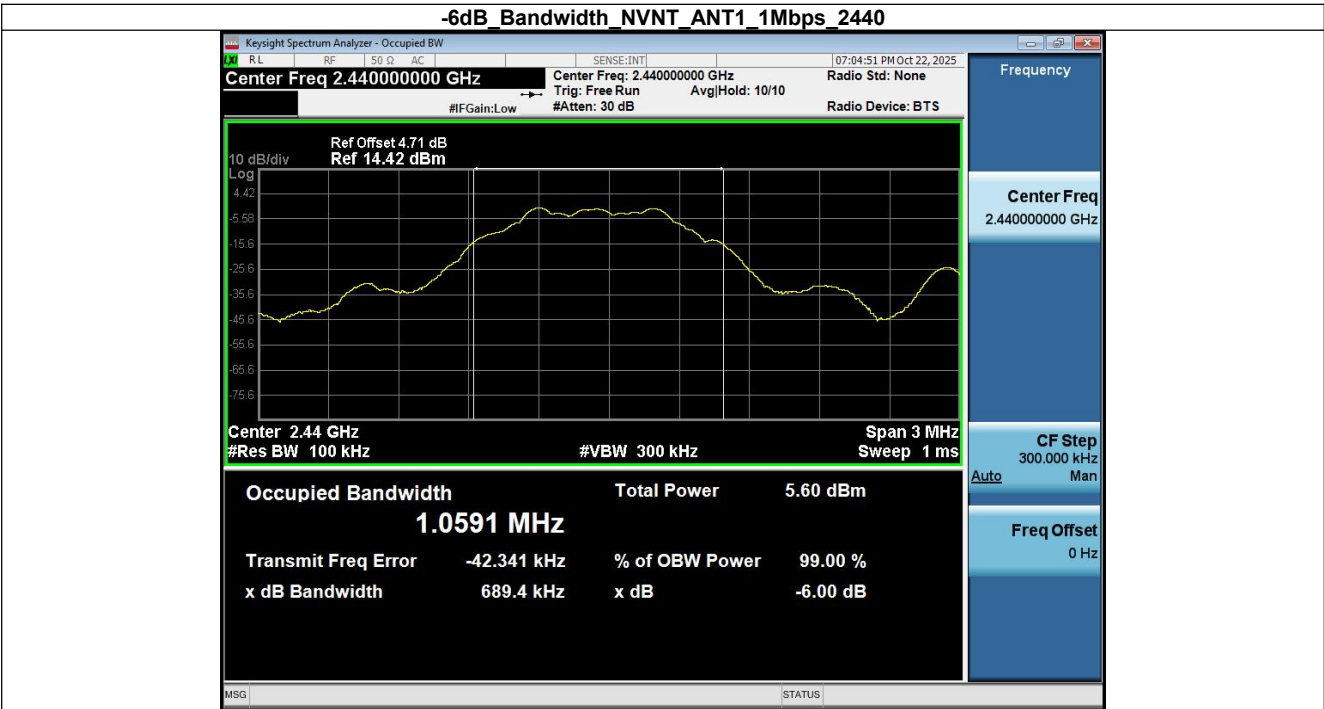
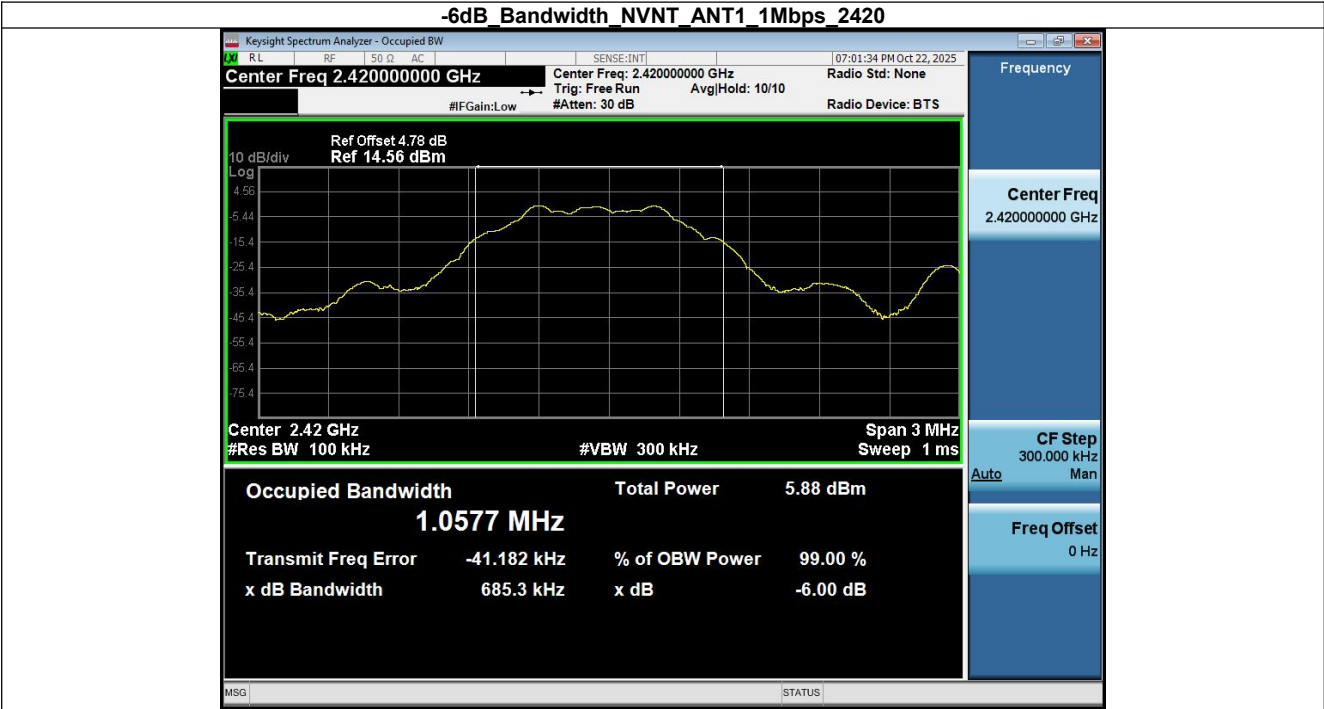
Report No.: NCT25039855E1-1
FCC ID: 2BTH4-X001-TX
FCC_RF 2.4G (Part15.247) Test Data

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1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2420.00	685.28	500	Pass
NVNT	ANT1	1Mbps	2440.00	689.37	500	Pass
NVNT	ANT1	1Mbps	2480.00	693.32	500	Pass

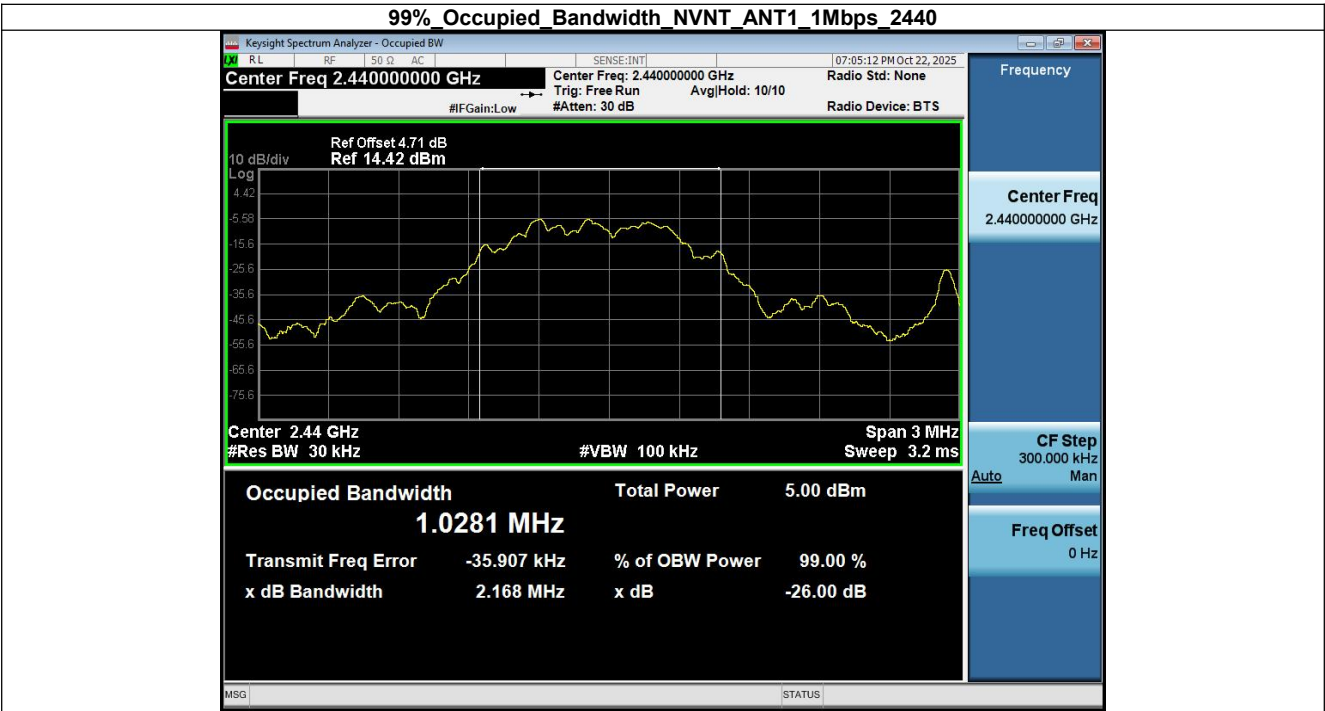


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480

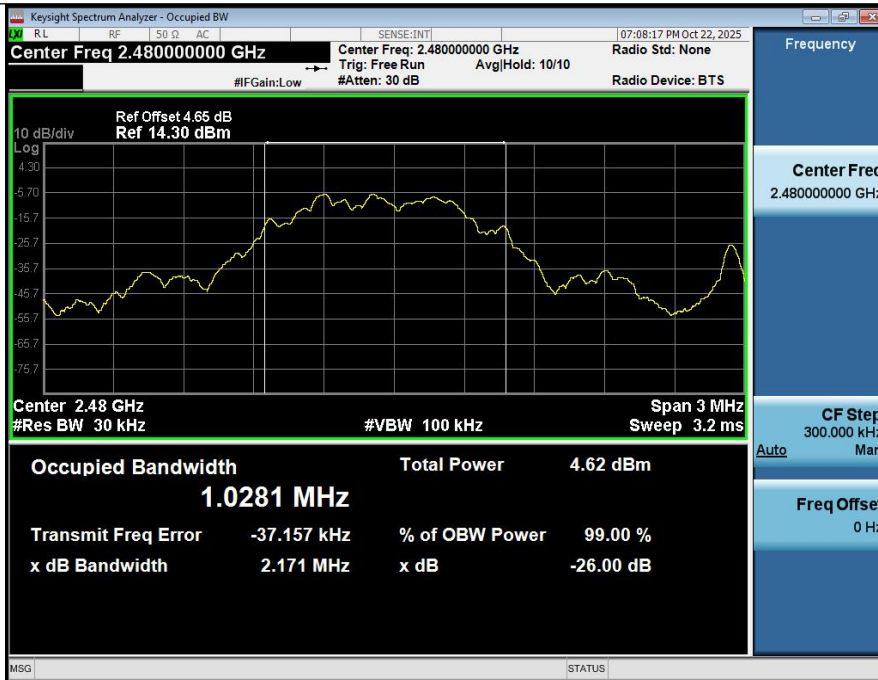


2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2420.00	1.029
NVNT	ANT1	1Mbps	2440.00	1.028
NVNT	ANT1	1Mbps	2480.00	1.028

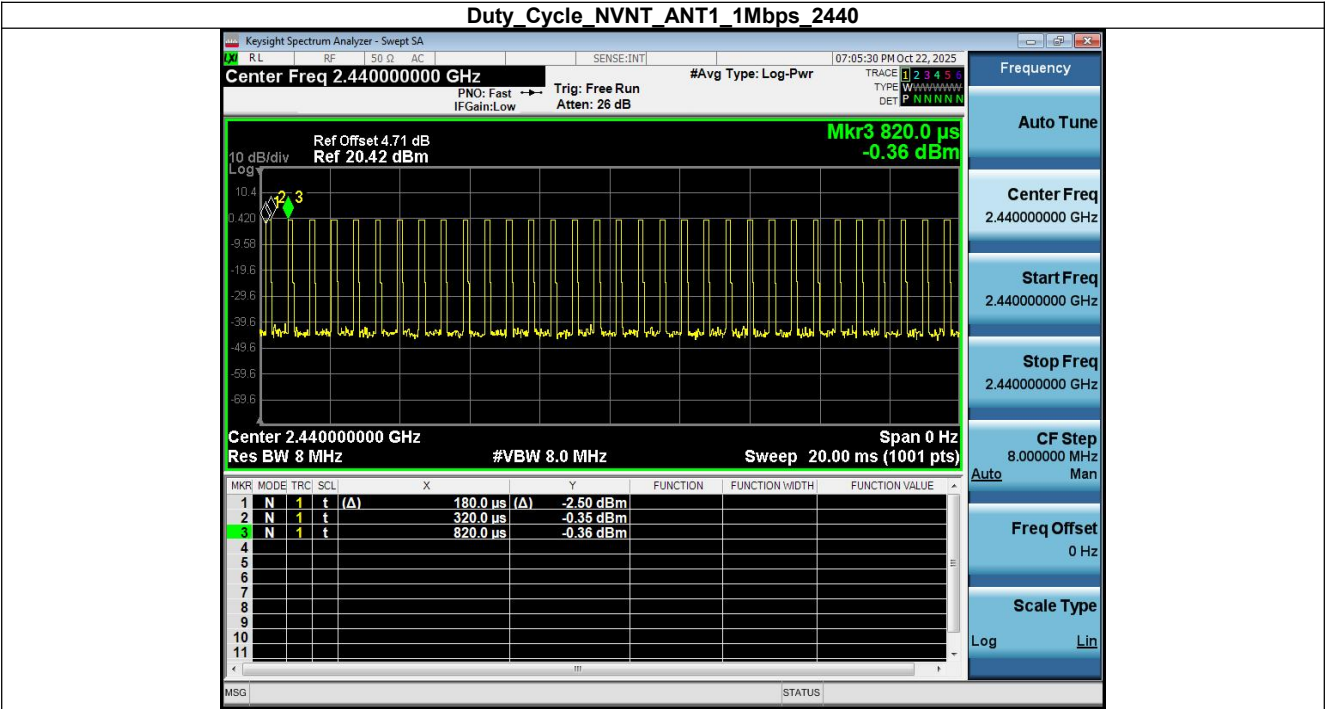
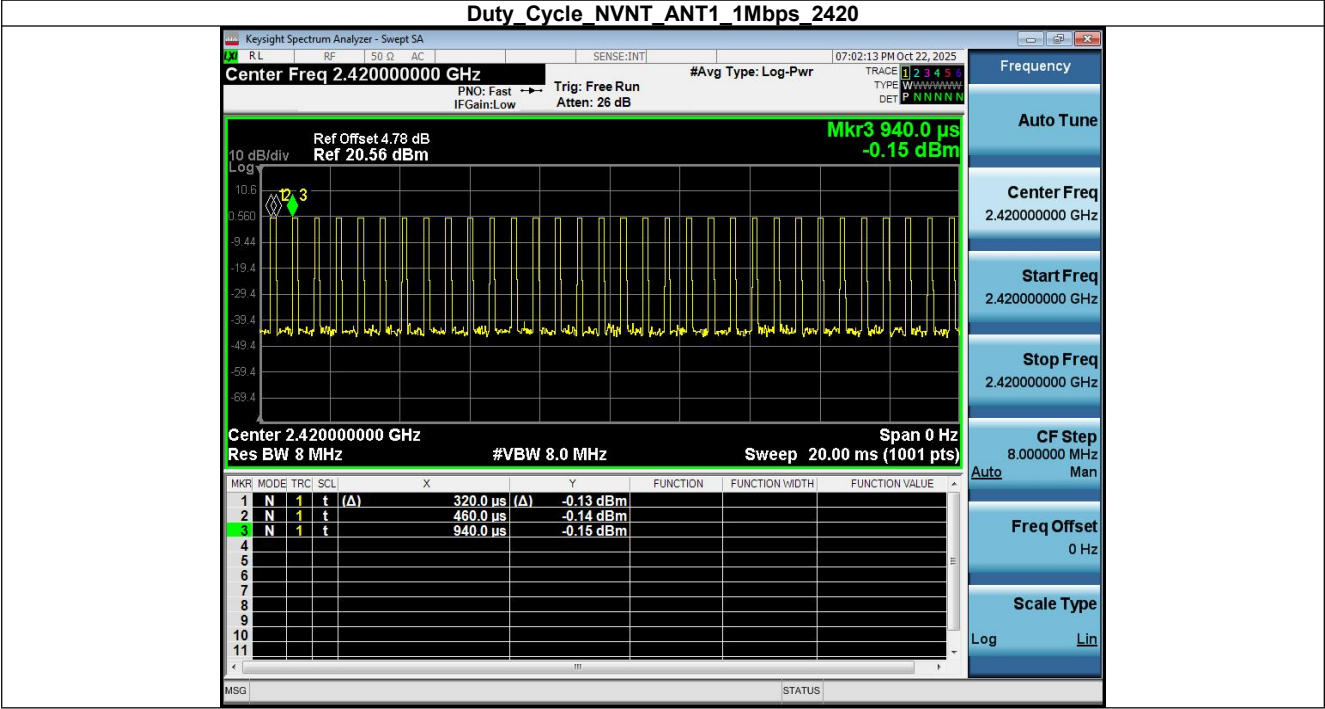


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

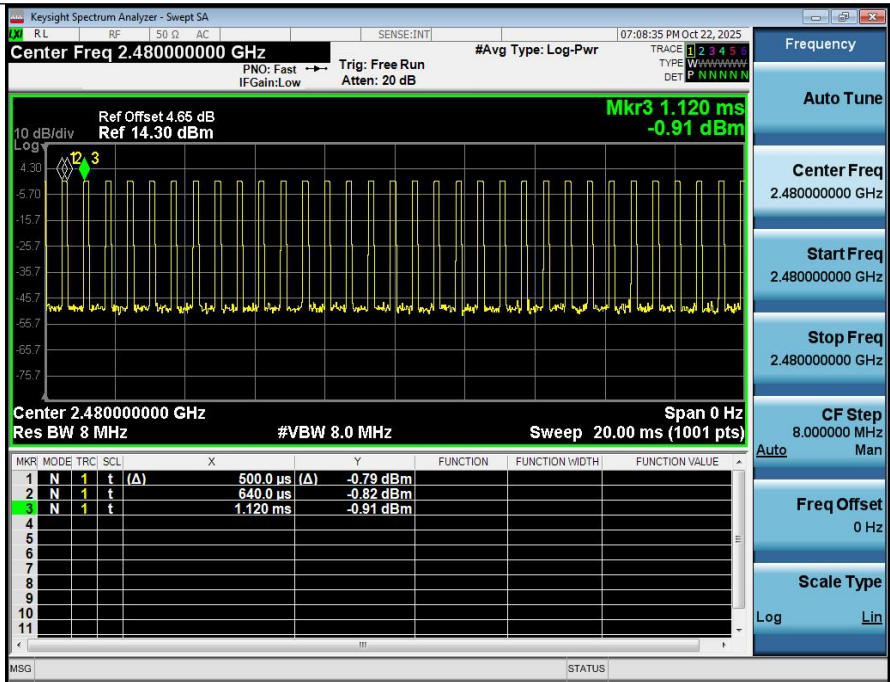


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2420.00	22.58	6.46
NVNT	ANT1	1Mbps	2440.00	21.88	6.60
NVNT	ANT1	1Mbps	2480.00	25.81	5.88

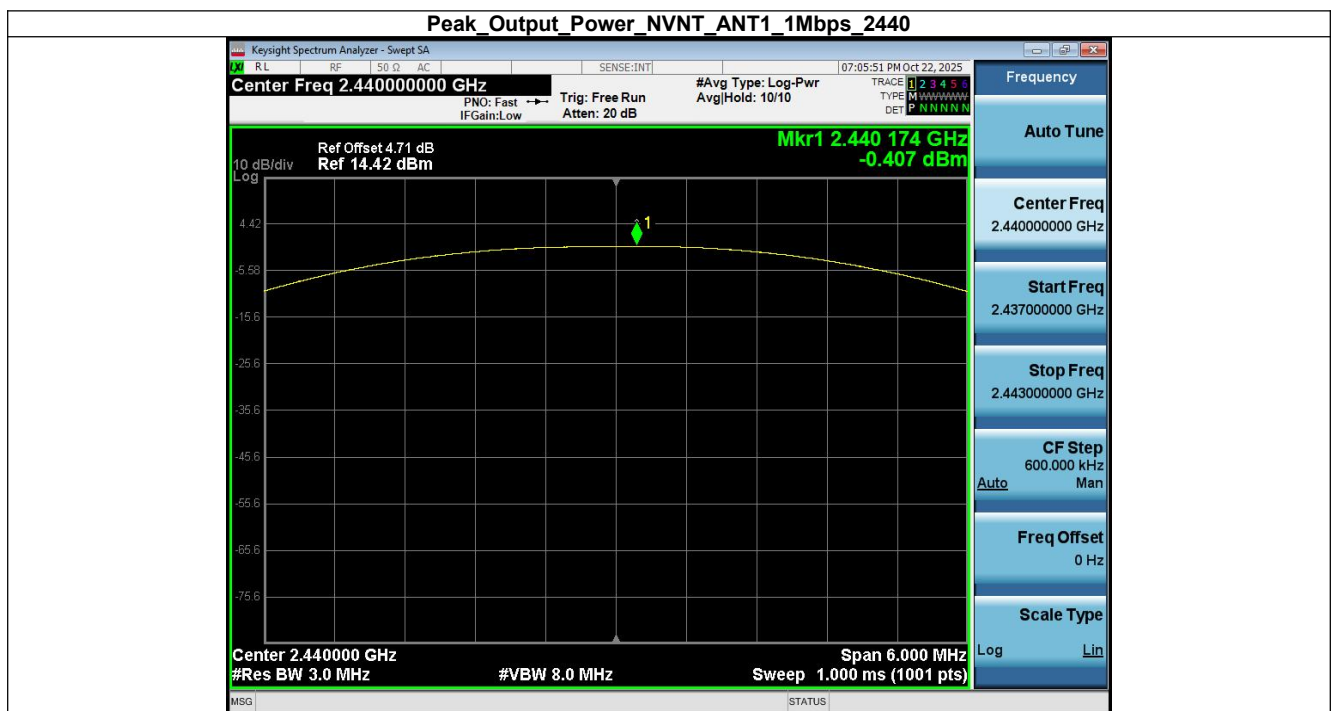
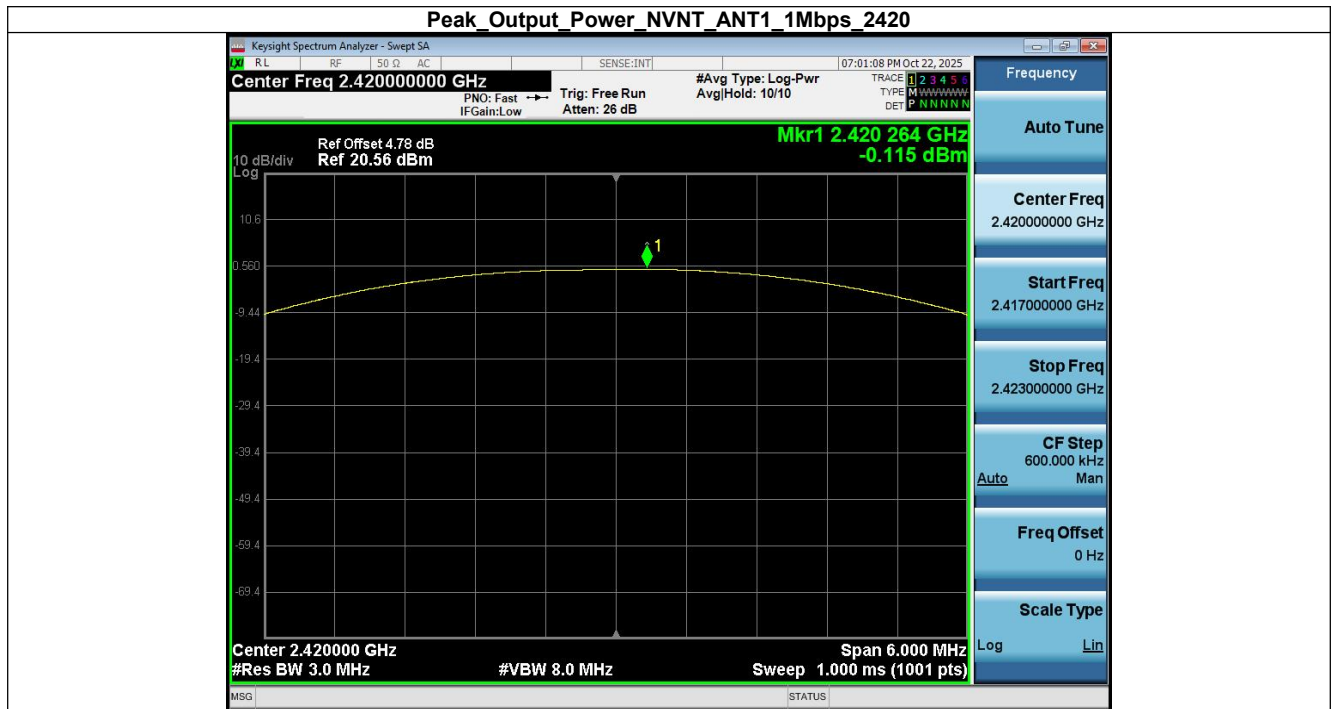


Duty Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2420.00	-0.12	0.97	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.41	0.91	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-0.83	0.83	1000	Pass

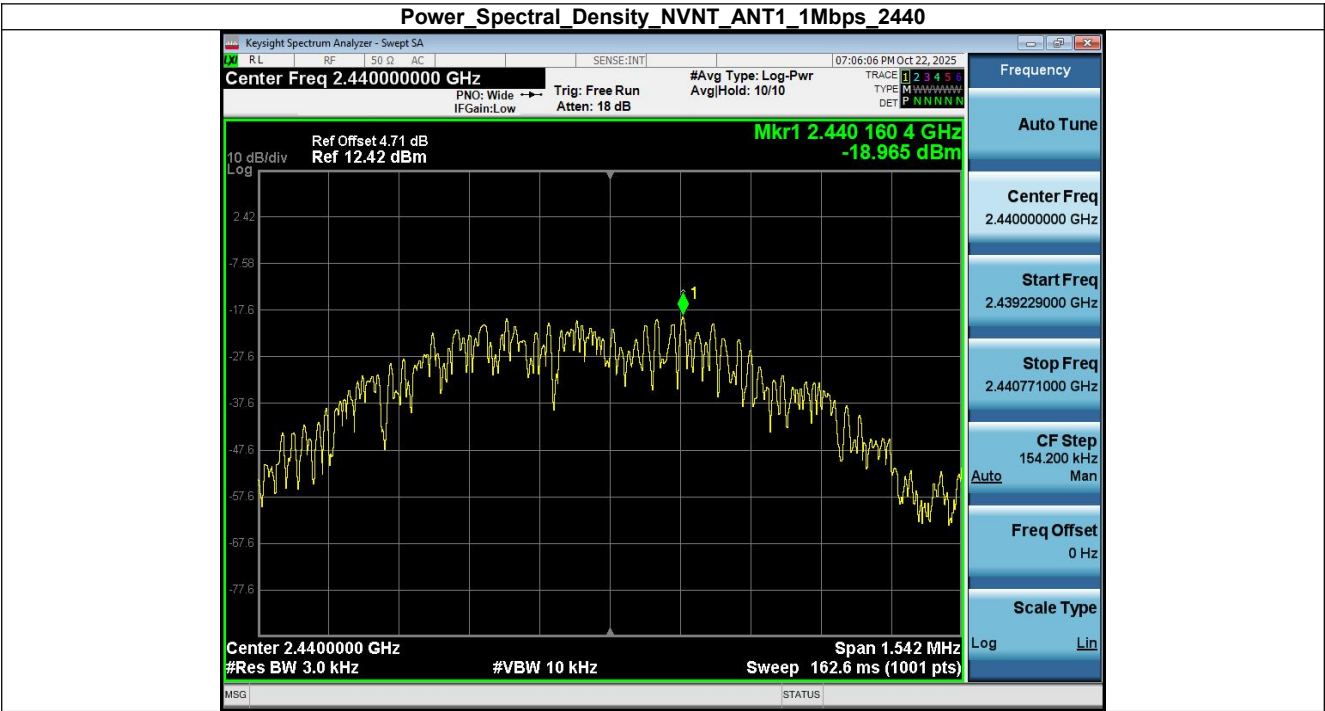
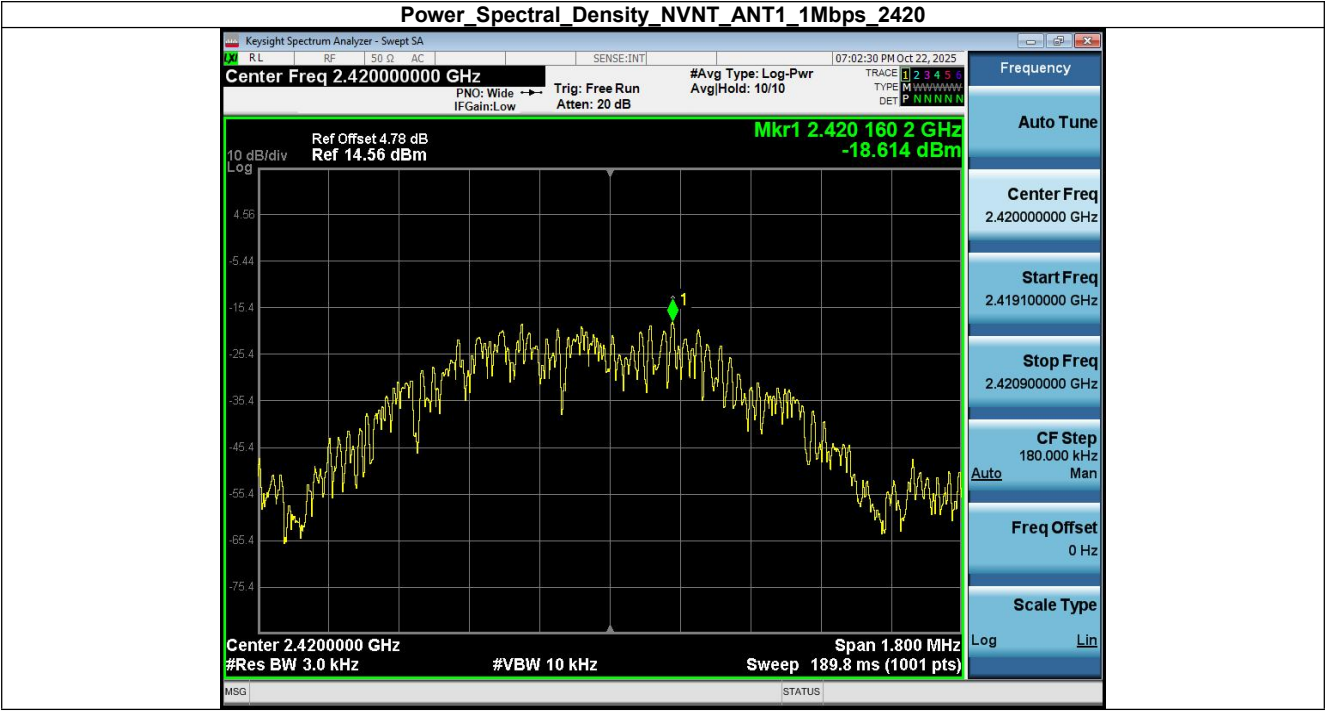


Peak Output Power NVNT ANT1 1Mbps	2480
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5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2420.00	-18.61	8	Pass
NVNT	ANT1	1Mbps	2440.00	-18.96	8	Pass
NVNT	ANT1	1Mbps	2480.00	-19.36	8	Pass



Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

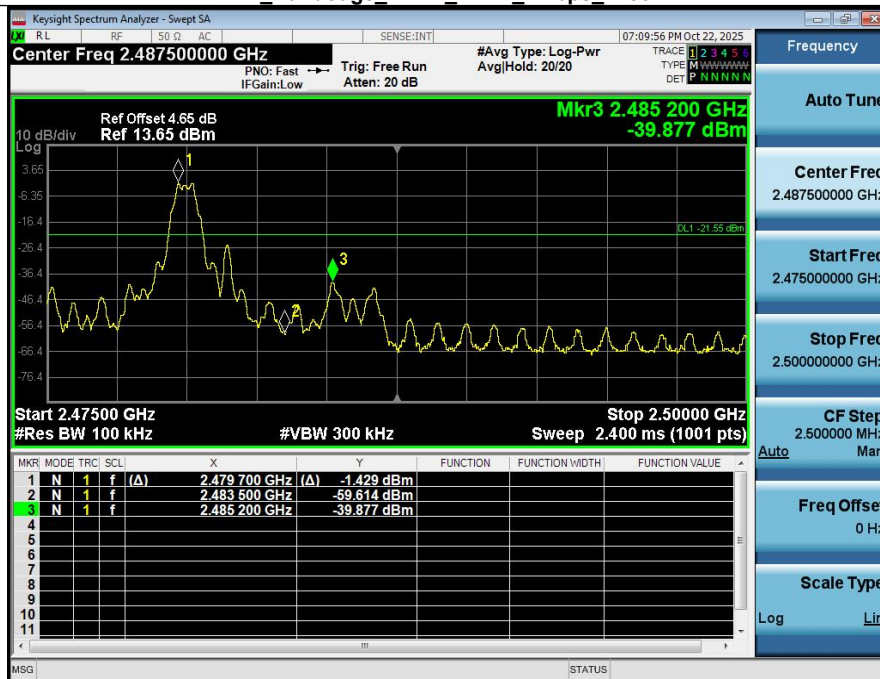
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2420.00	2371.755	-0.945	-48.003	-20.945	Pass
NVNT	ANT1	1Mbps	2480.00	2485.200	-1.554	-39.877	-21.554	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

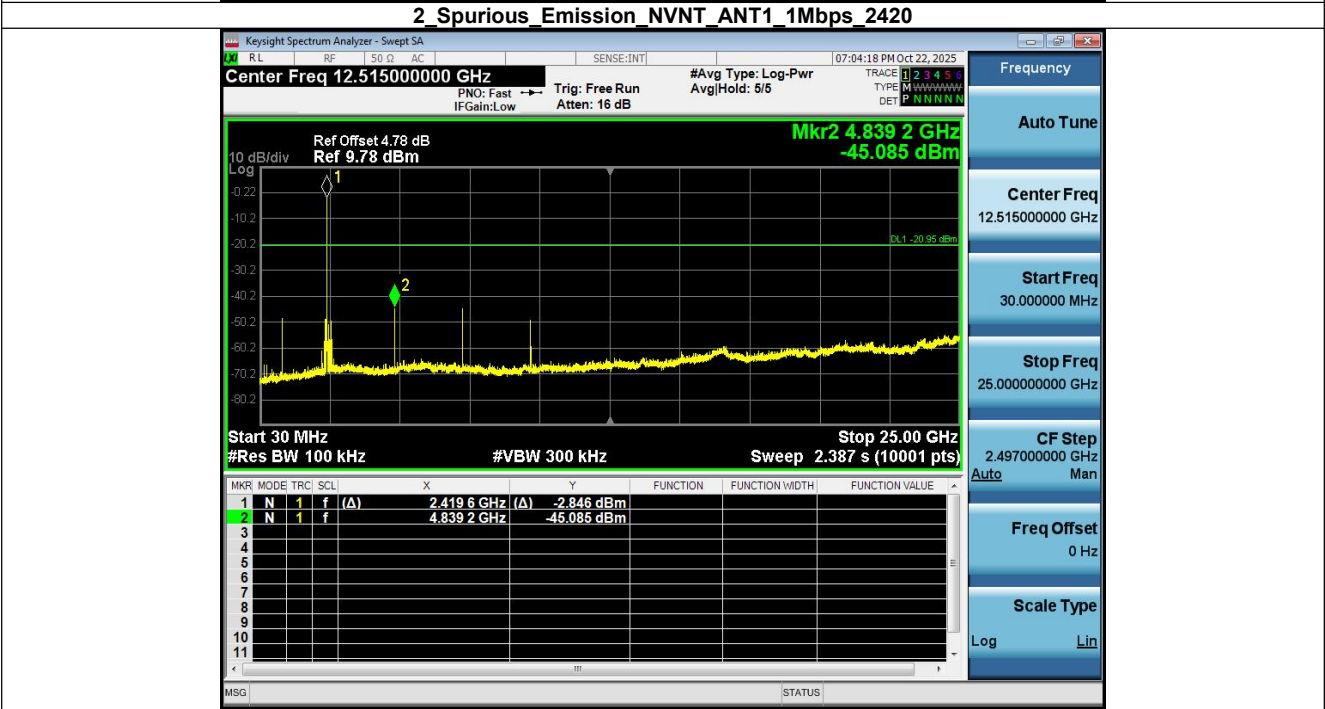


2_Bandedge_NVNT_ANT1_1Mbps_2480



7. Spurious Emission

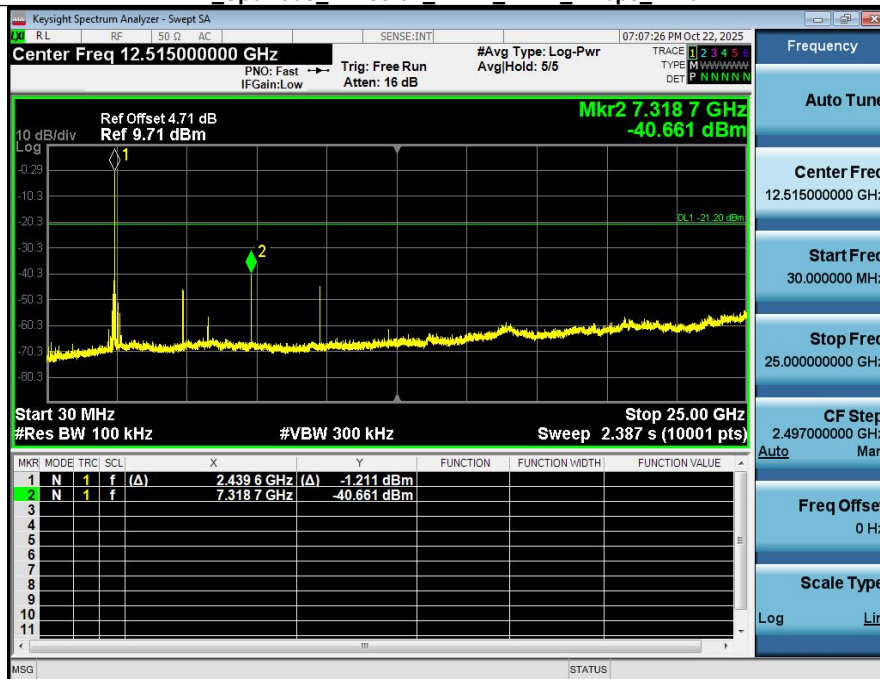
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2420.00	-0.945	-45.085	-20.945	Pass
NVNT	ANT1	1Mbps	2440.00	-1.201	-40.661	-21.201	Pass
NVNT	ANT1	1Mbps	2480.00	-1.554	-44.226	-21.554	Pass



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

