

Report No.:DLE-260122016R
Appendix data
FCC ID:2BULR-KSS819

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FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	2Mbps	2402.00	855.44	500	Pass
NVNT	ANT1	2Mbps	2440.00	856.10	500	Pass
NVNT	ANT1	2Mbps	2480.00	854.53	500	Pass

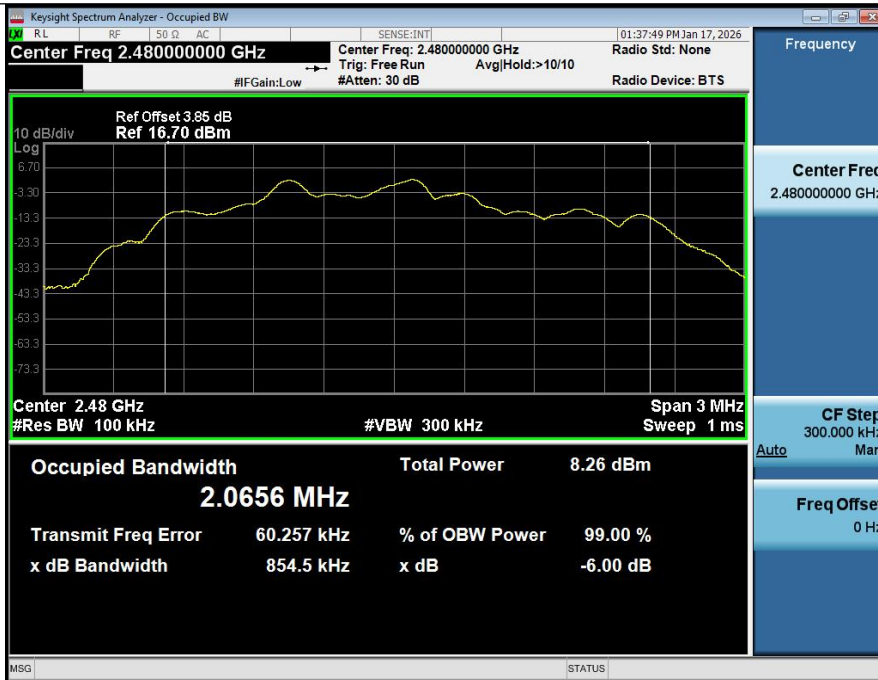
-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440

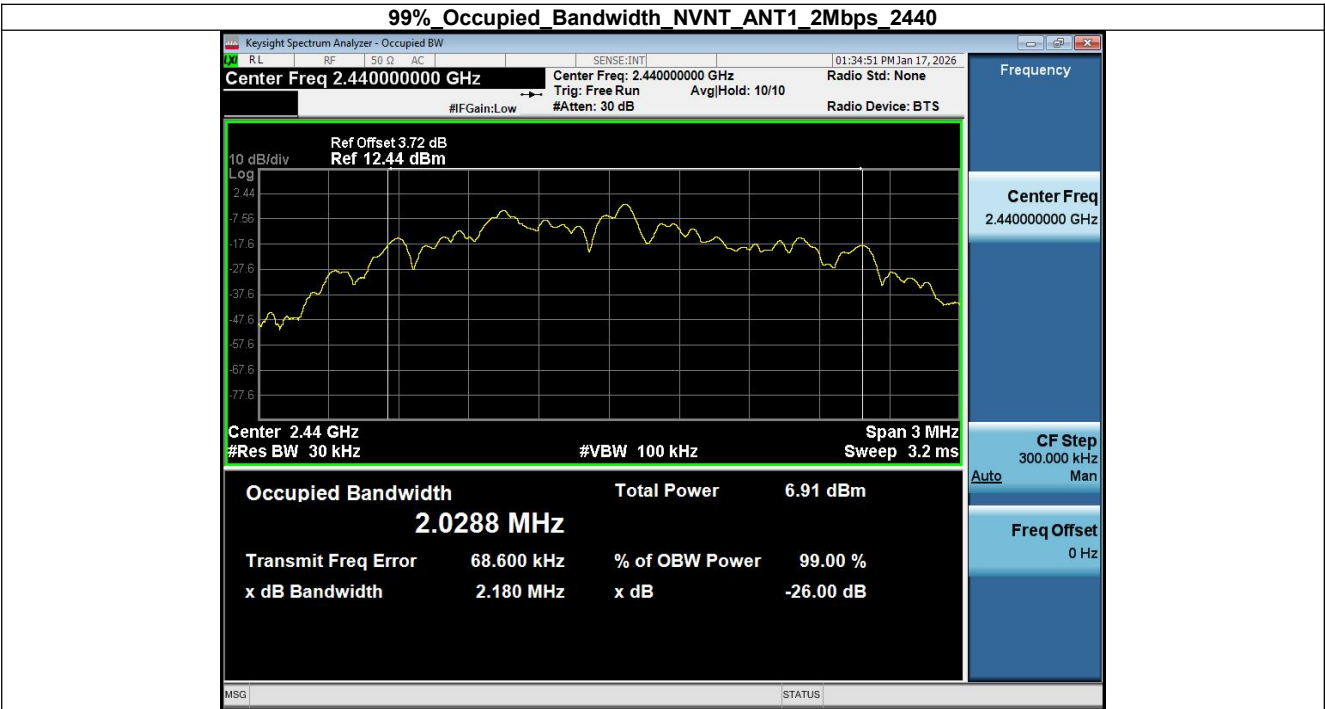
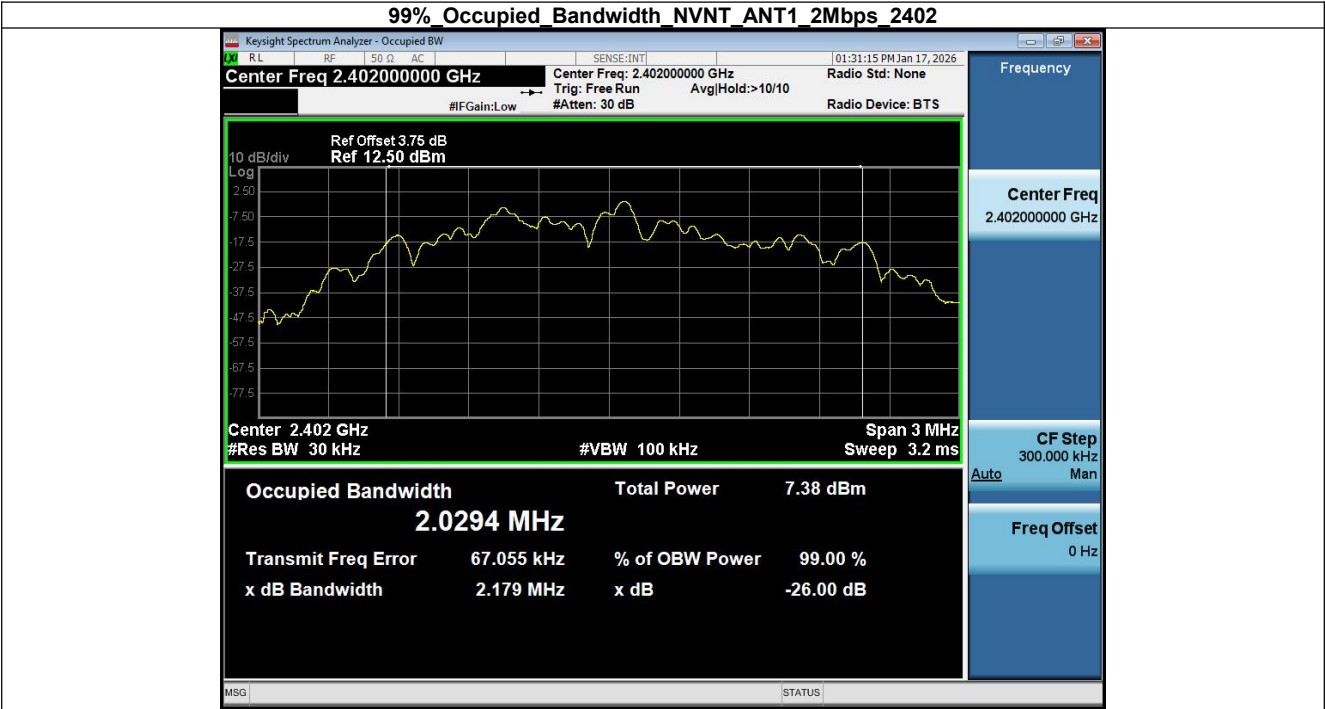


-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480

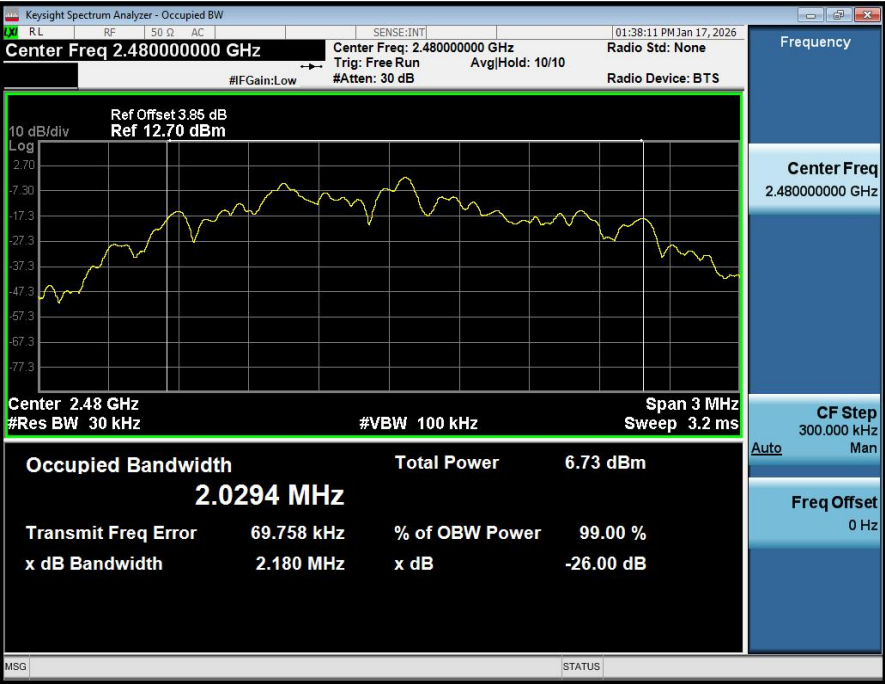


2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	2Mbps	2402.00	2.029
NVNT	ANT1	2Mbps	2440.00	2.029
NVNT	ANT1	2Mbps	2480.00	2.029

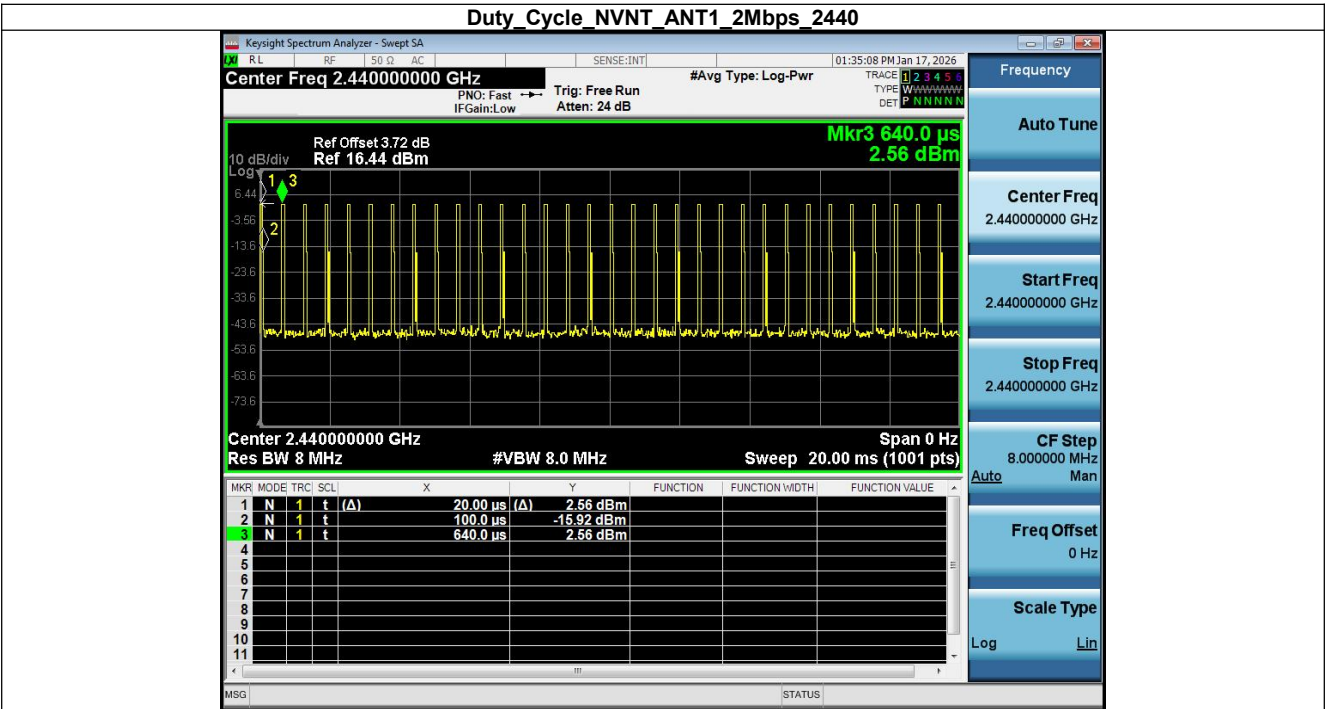
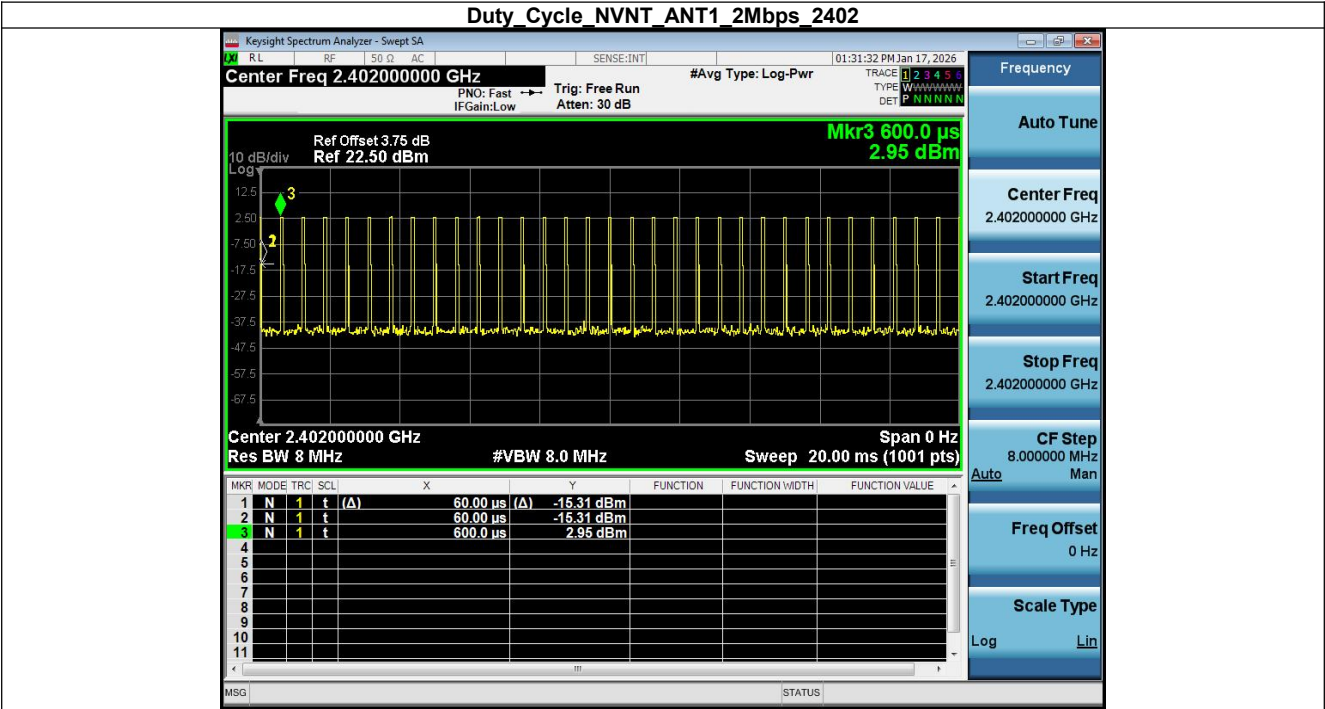


99% Occupied Bandwidth NVNT ANT1 2Mbps 2480

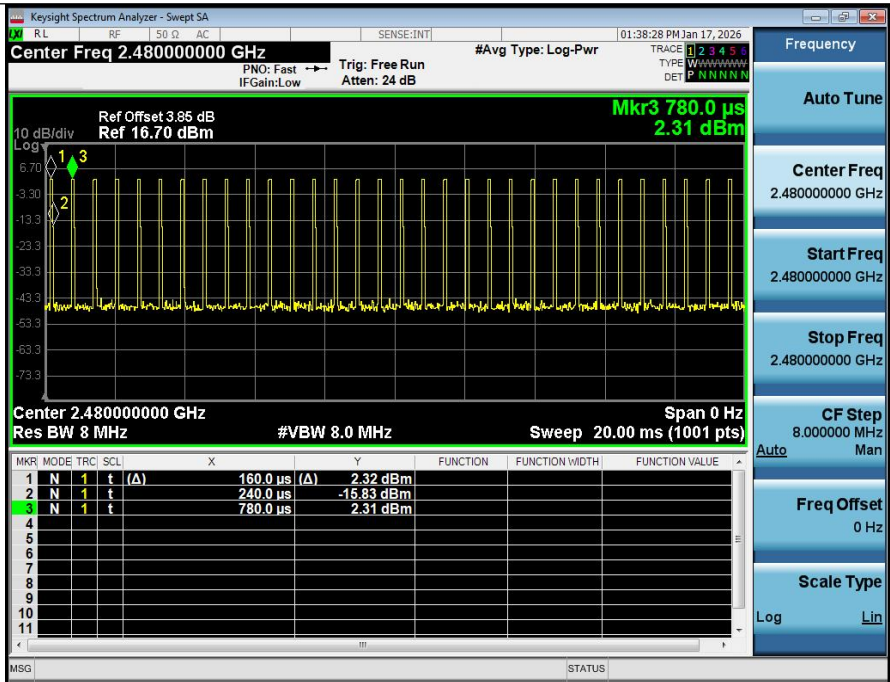


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	2Mbps	2402.00	3.70	14.31
NVNT	ANT1	2Mbps	2440.00	12.90	8.89
NVNT	ANT1	2Mbps	2480.00	12.90	8.89

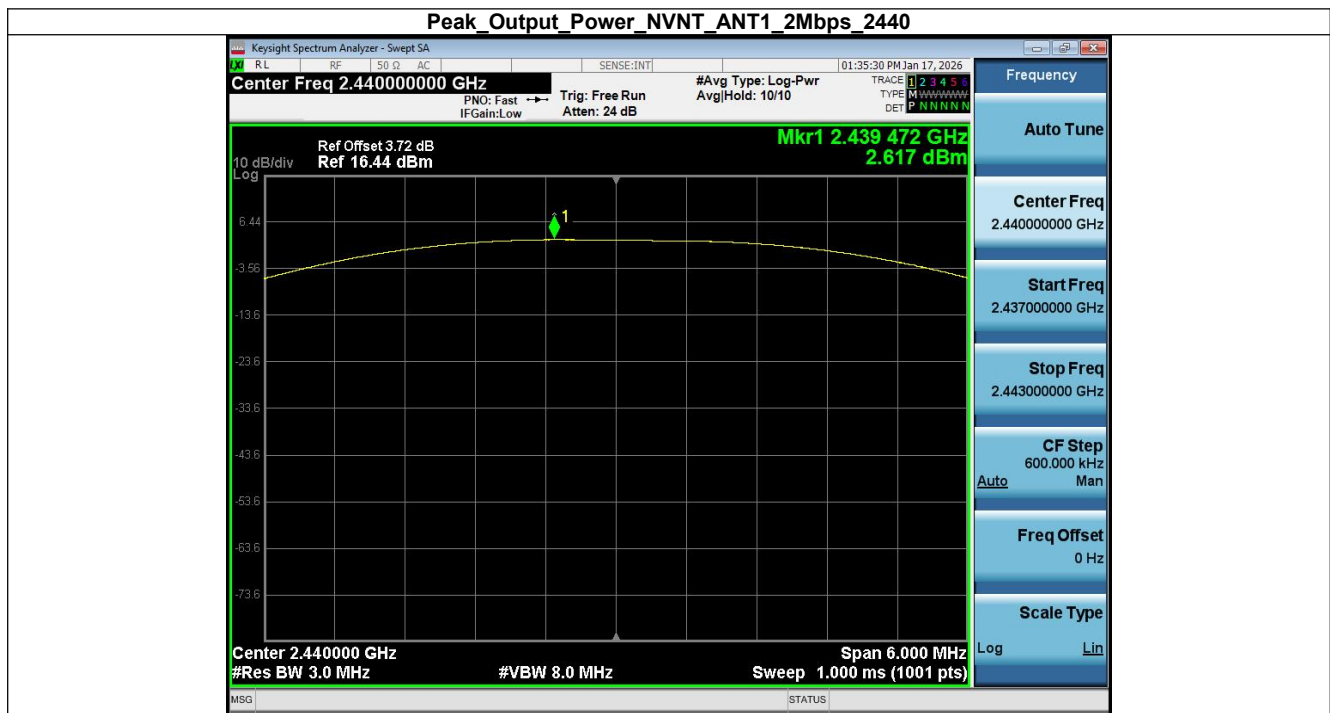


Duty Cycle_NVNT_ANT1_2Mbps_2480



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	2Mbps	2402.00	3.03	2.01	1000	Pass
NVNT	ANT1	2Mbps	2440.00	2.62	1.83	1000	Pass
NVNT	ANT1	2Mbps	2480.00	2.39	1.74	1000	Pass

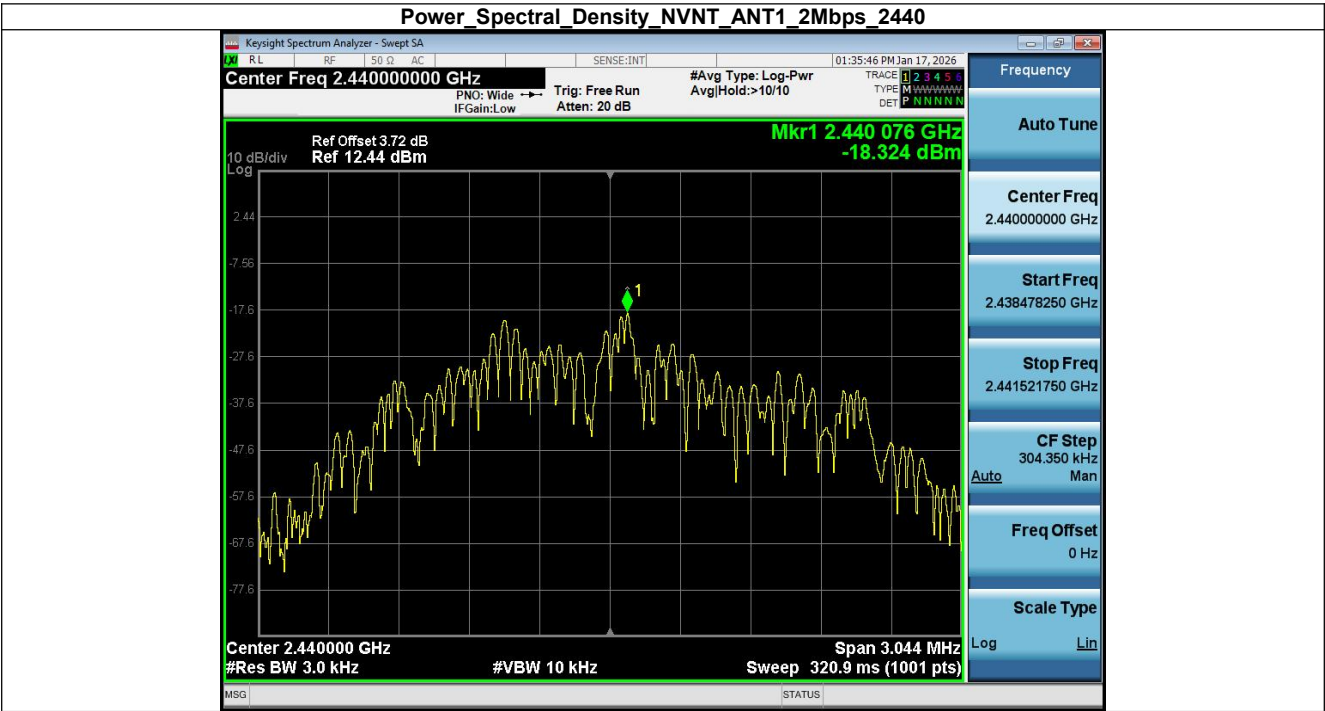


Peak_Output_Power_NVNT_ANT1_2Mbps_2480

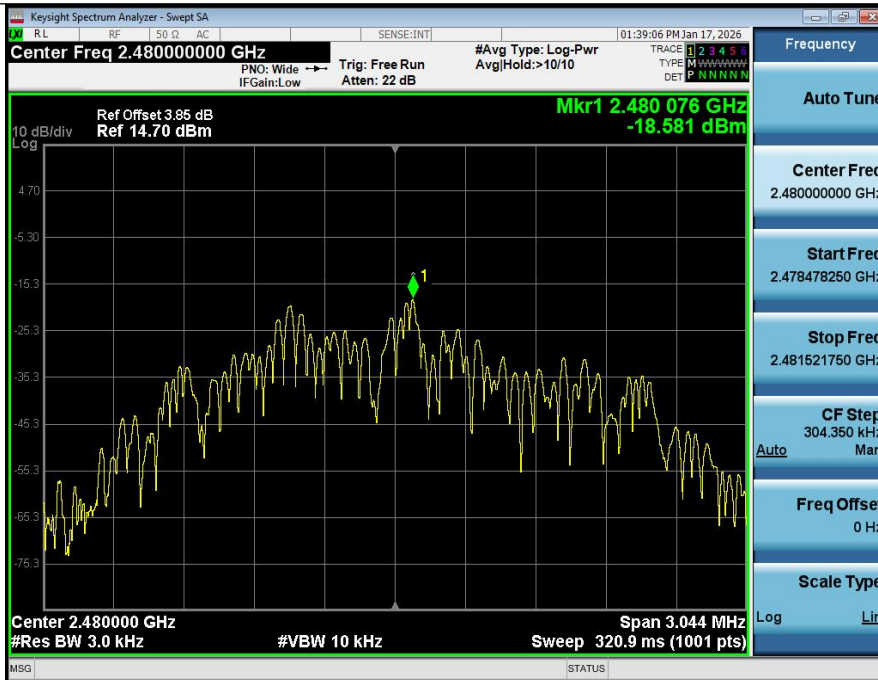


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	2Mbps	2402.00	-17.93	8	Pass
NVNT	ANT1	2Mbps	2440.00	-18.32	8	Pass
NVNT	ANT1	2Mbps	2480.00	-18.58	8	Pass

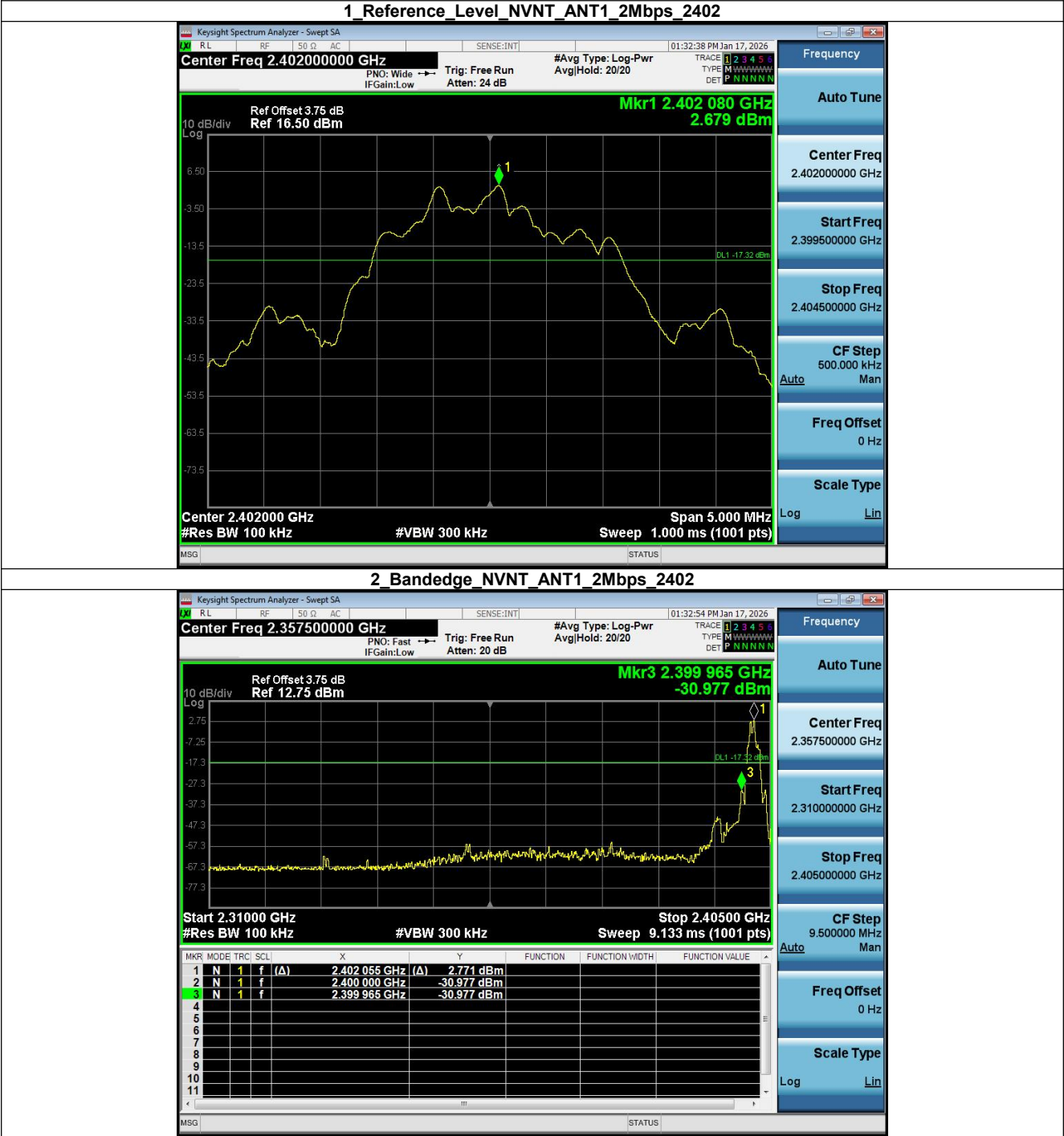


Power_Spectral_Density_NVNT_ANT1_2Mbps_2480



6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2Mbps	2402.00	2399.965	2.679	-30.977	-17.321	Pass
NVNT	ANT1	2Mbps	2480.00	2484.025	1.966	-53.513	-18.034	Pass



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



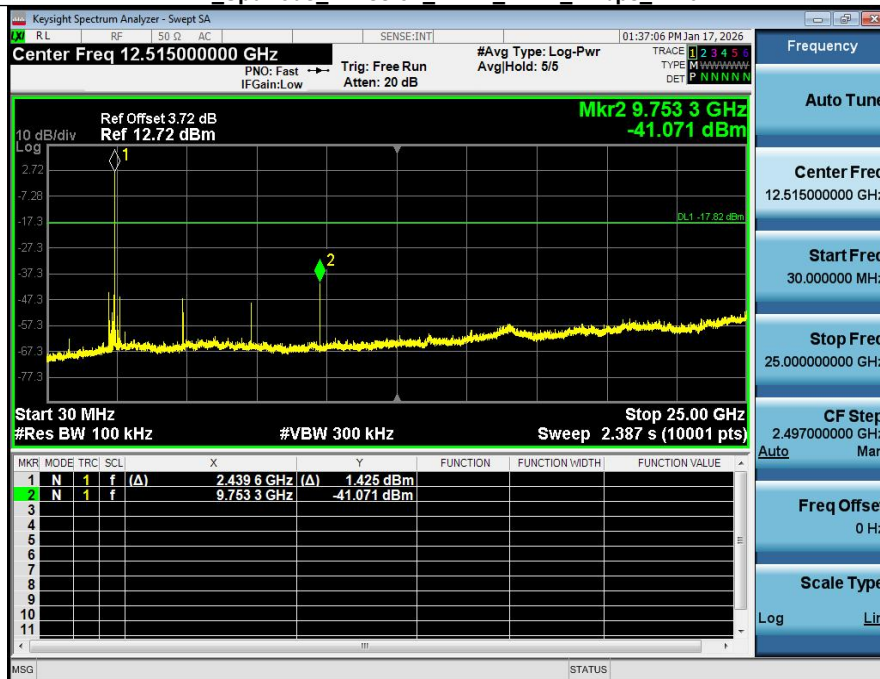
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2Mbps	2402.00	2.679	-41.716	-17.321	Pass
NVNT	ANT1	2Mbps	2440.00	2.176	-41.071	-17.824	Pass
NVNT	ANT1	2Mbps	2480.00	1.966	-40.908	-18.034	Pass





2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480

