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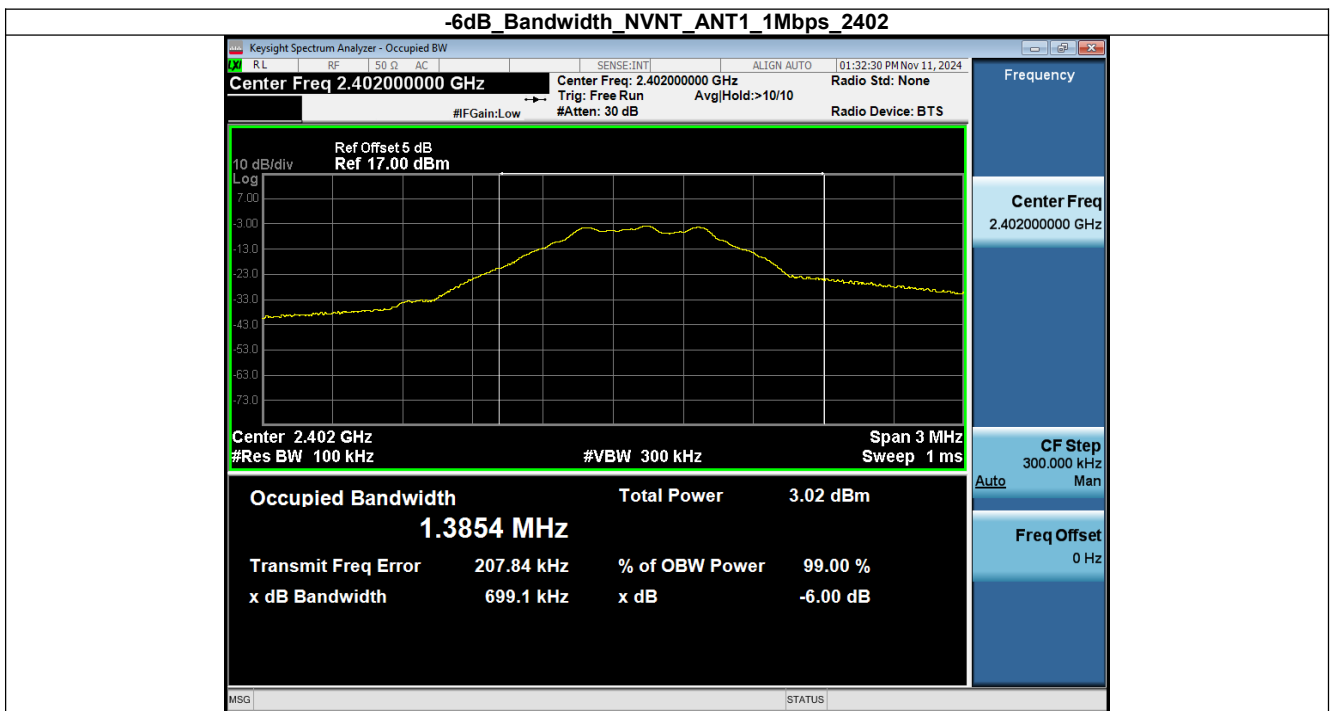
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FCC ID: 2A5EV-FM2106DOCK IC:28929-FM2106DOCK FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

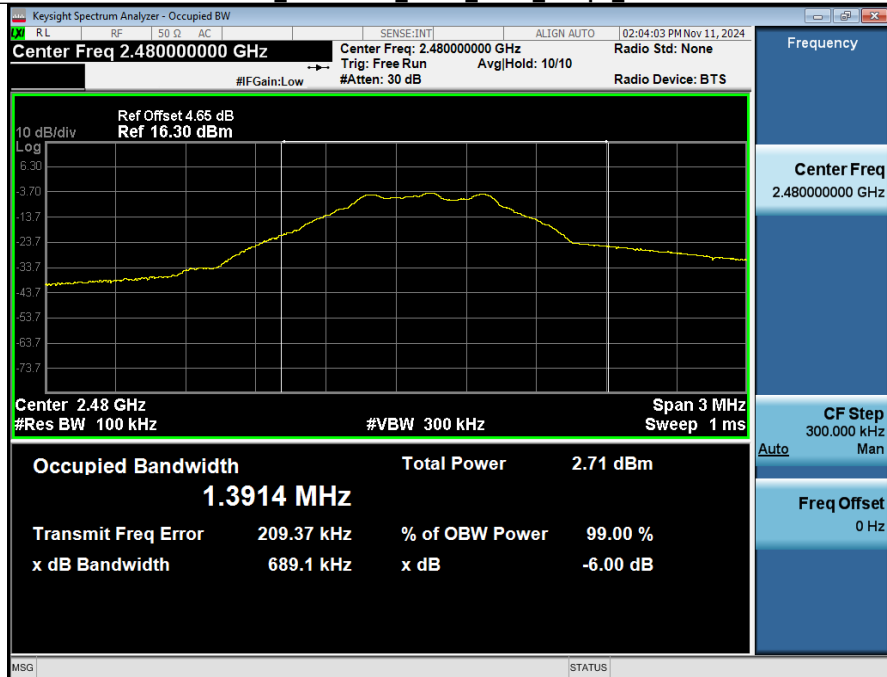
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	699.12	500	Pass
NVNT	ANT1	1Mbps	2440.00	697.26	500	Pass
NVNT	ANT1	1Mbps	2480.00	689.12	500	Pass



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440

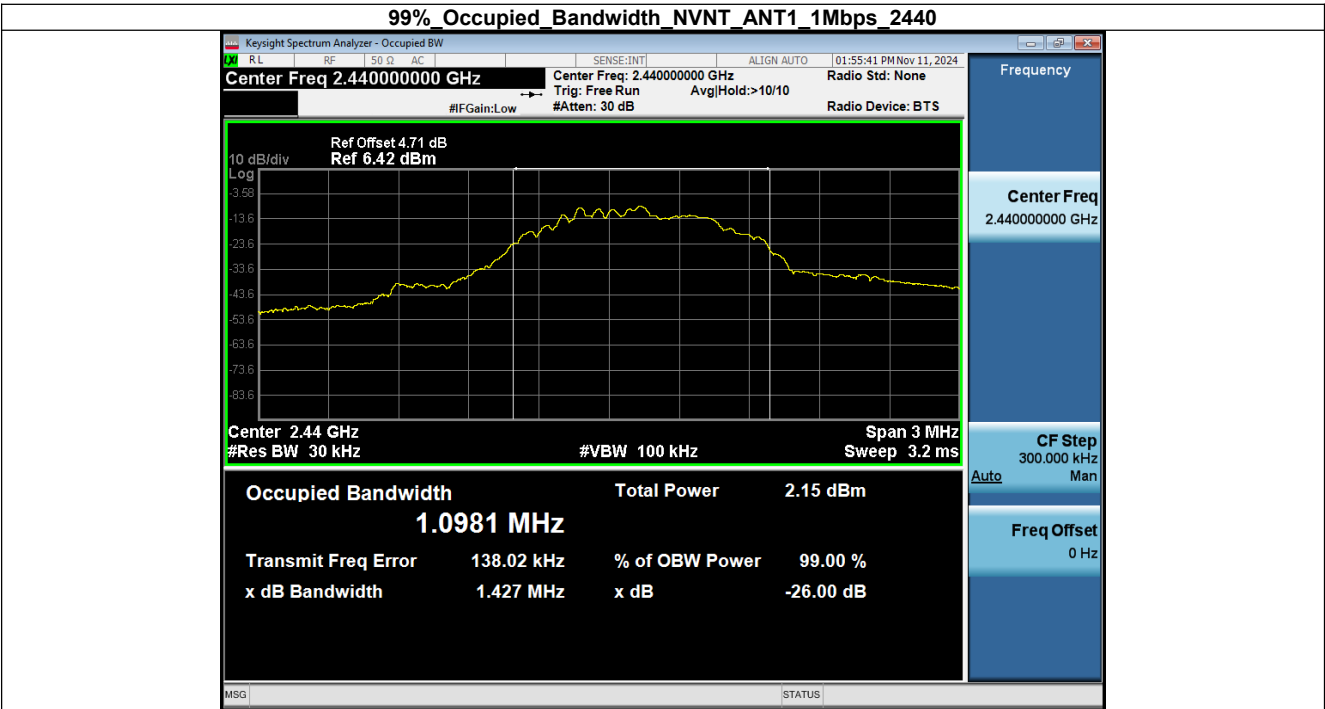
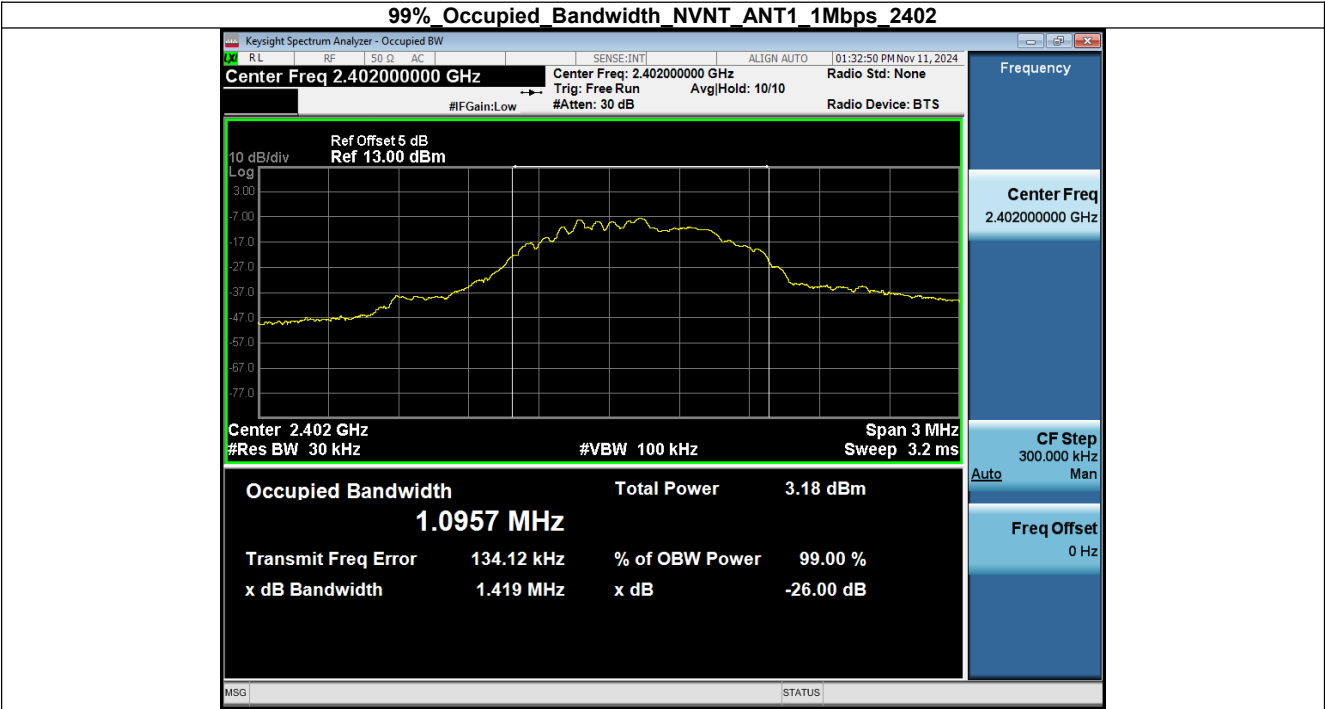


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.096
NVNT	ANT1	1Mbps	2440.00	1.098
NVNT	ANT1	1Mbps	2480.00	1.093

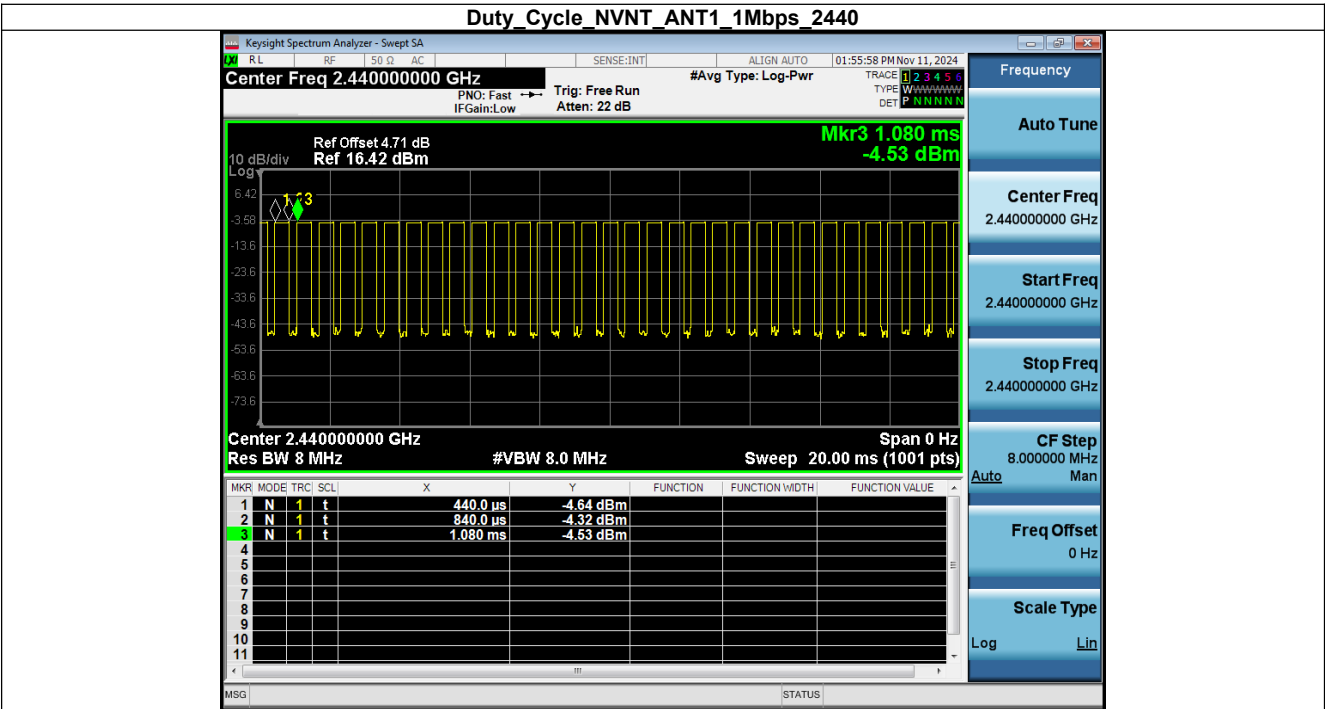
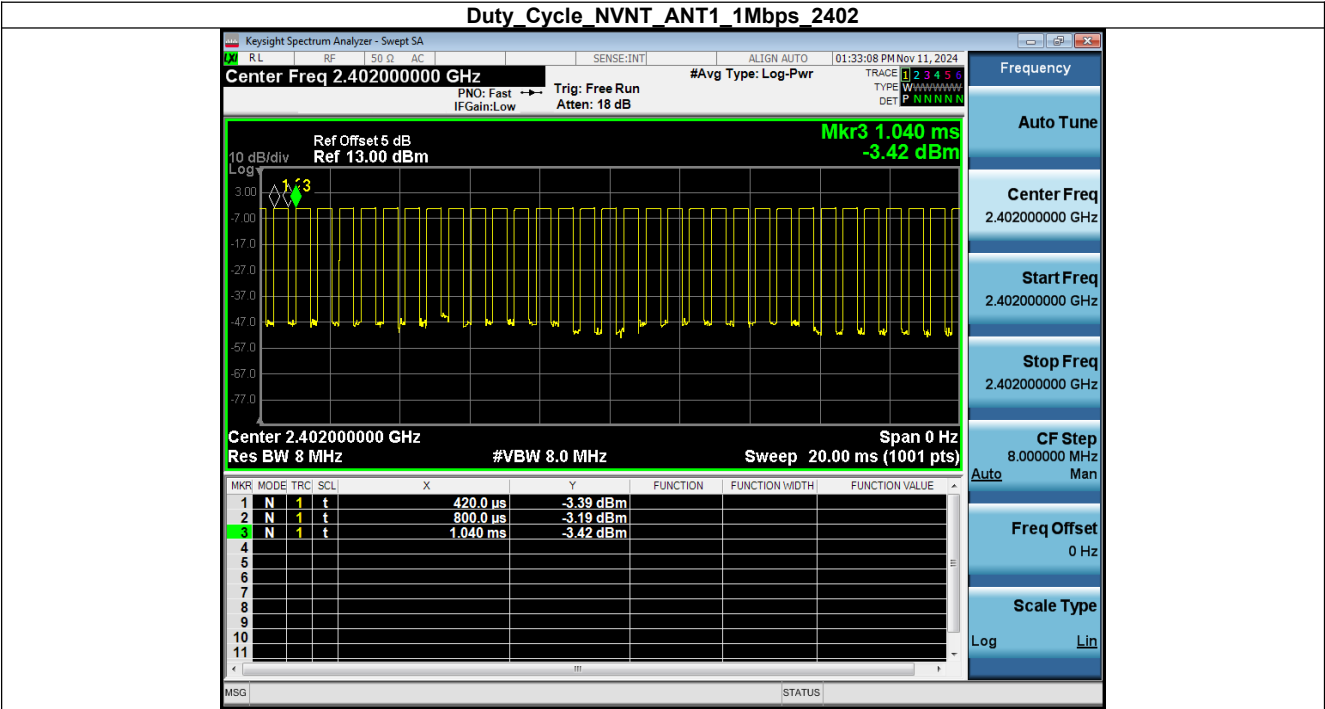


99% Occupied Bandwidth NVNT_ANT1_1Mbps_2480

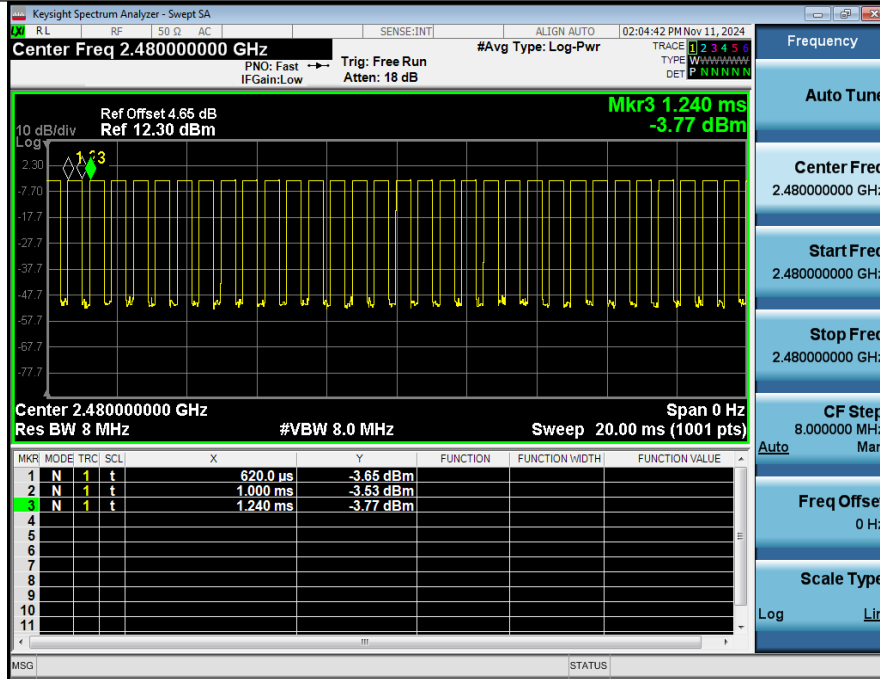


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	64.52	1.90
NVNT	ANT1	1Mbps	2440.00	65.62	1.83
NVNT	ANT1	1Mbps	2480.00	64.52	1.90



Duty Cycle_NVNT_ANT1_1Mbps_2480

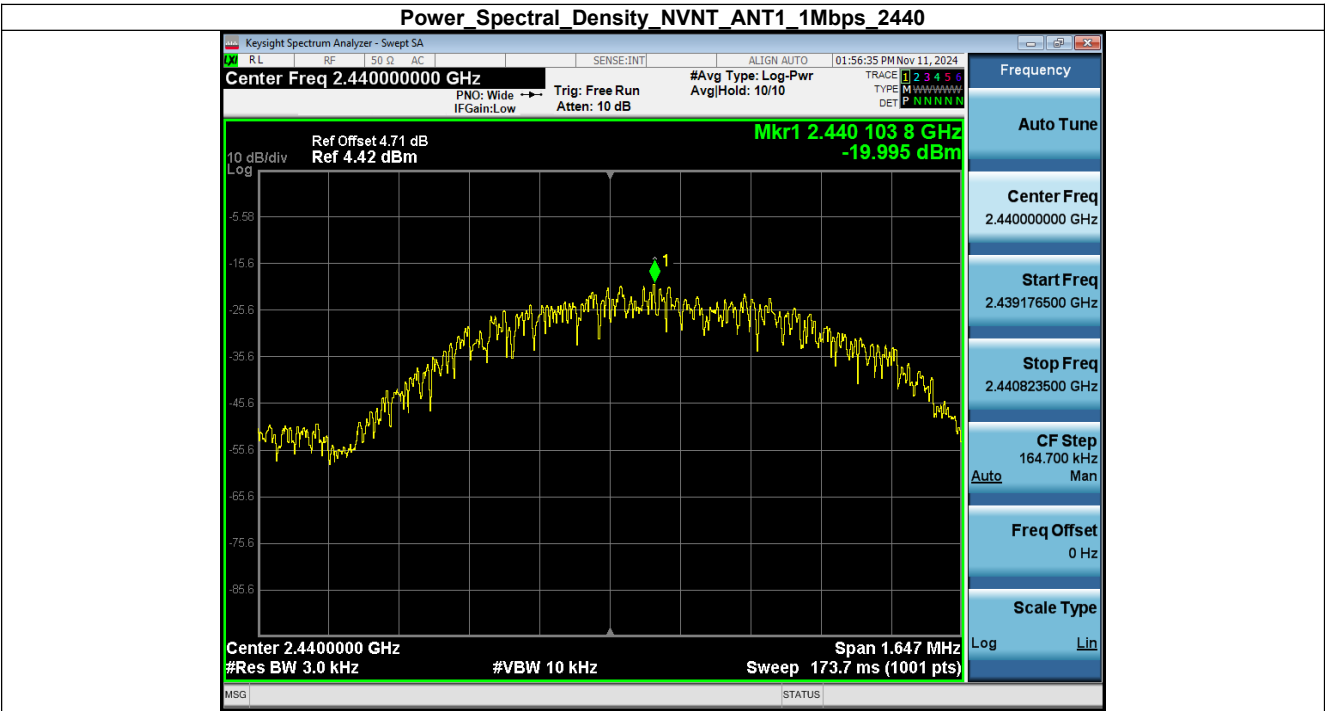
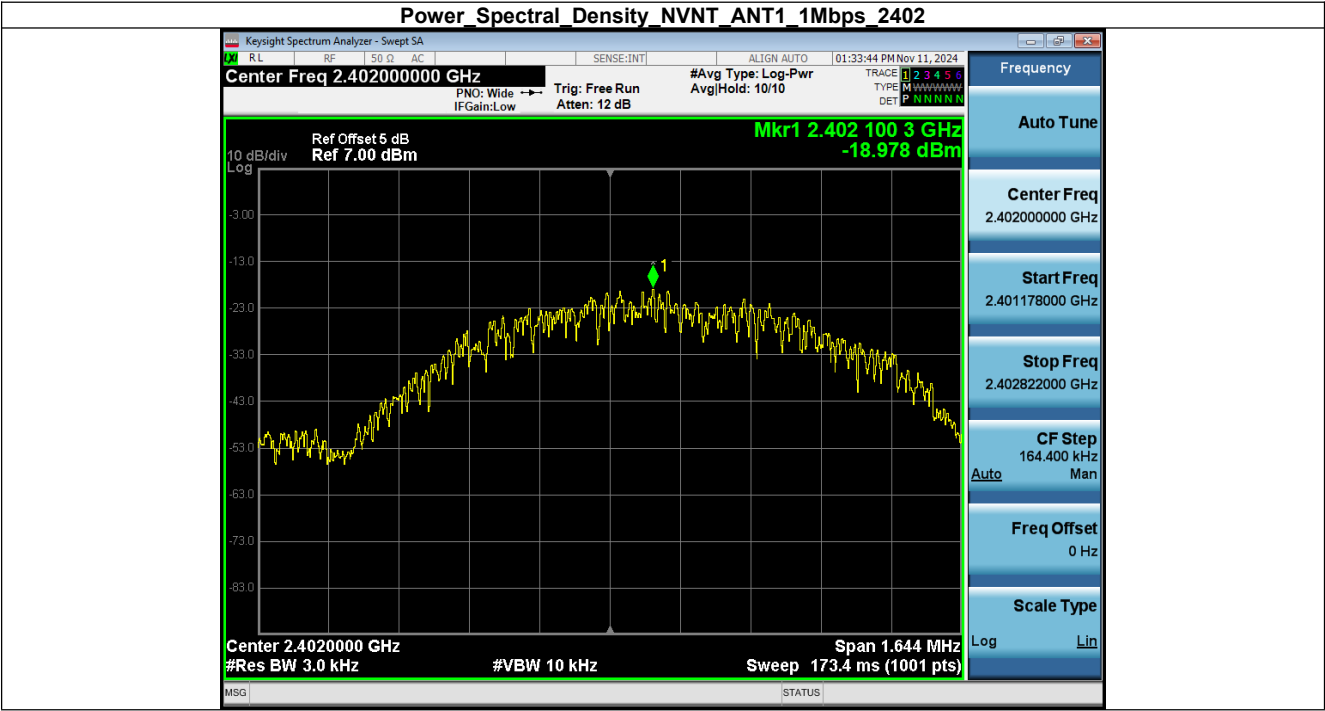


4. Peak Output Power

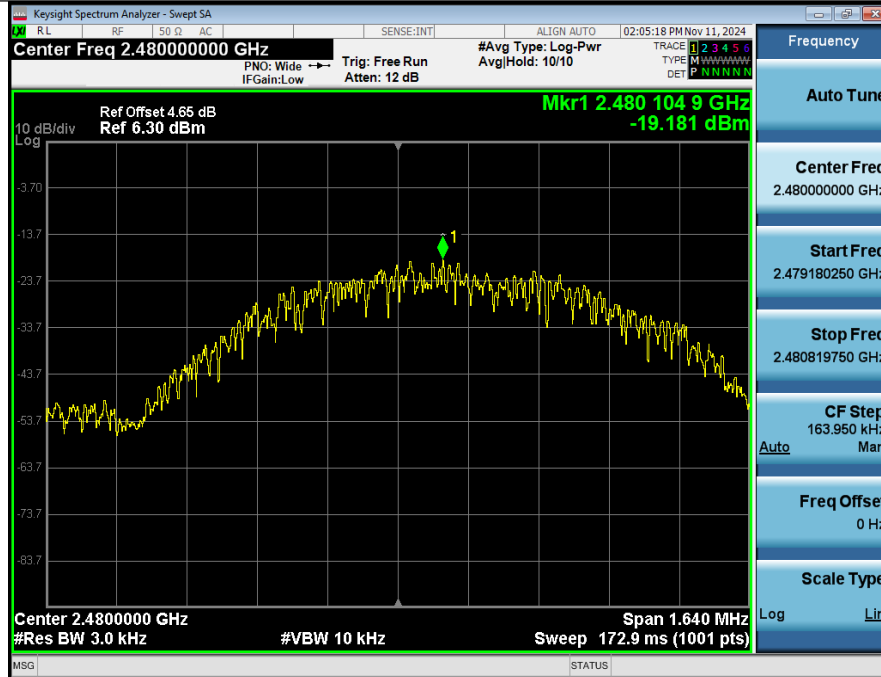
Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit(dBm)	Result
ANT1	1Mbps	2402.00	-3.37	0.46	1000	1.06	-2.31	36.02	Pass
ANT1	1Mbps	2440.00	-4.57	0.35	1000	1.06	-3.51	36.02	Pass
ANT1	1Mbps	2480.00	-3.81	0.42	1000	1.06	-2.75	36.02	Pass

5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-18.98	8	Pass
NVNT	ANT1	1Mbps	2440.00	-20.00	8	Pass
NVNT	ANT1	1Mbps	2480.00	-19.18	8	Pass

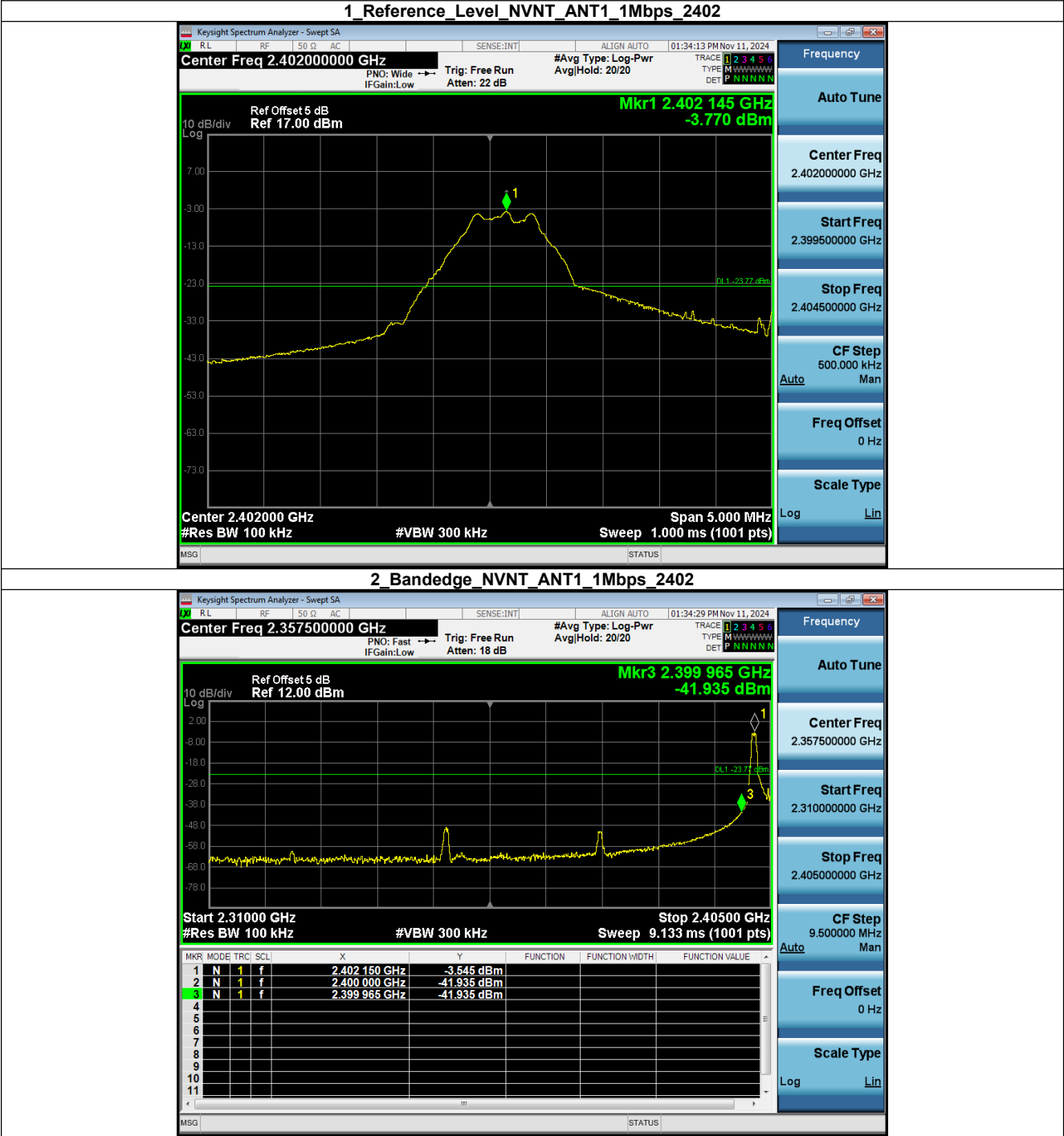


Power Spectral Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

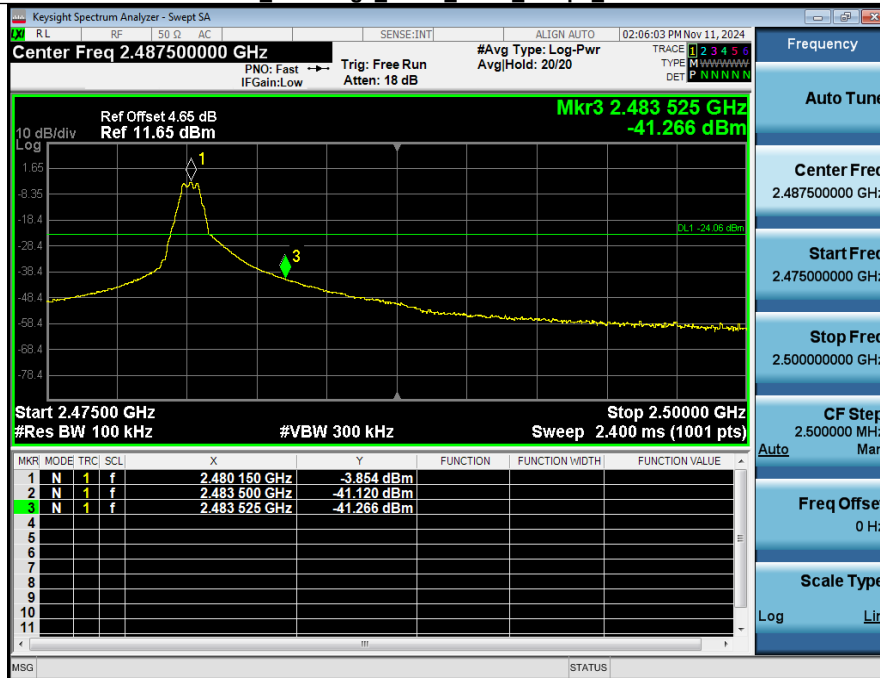
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-41.935	-23.770	Pass
NVNT	ANT1	1Mbps	2480.00	2483.525	-41.266	-24.062	Pass



1 Reference_Level_NVNT_ANT1_1Mbps_2480

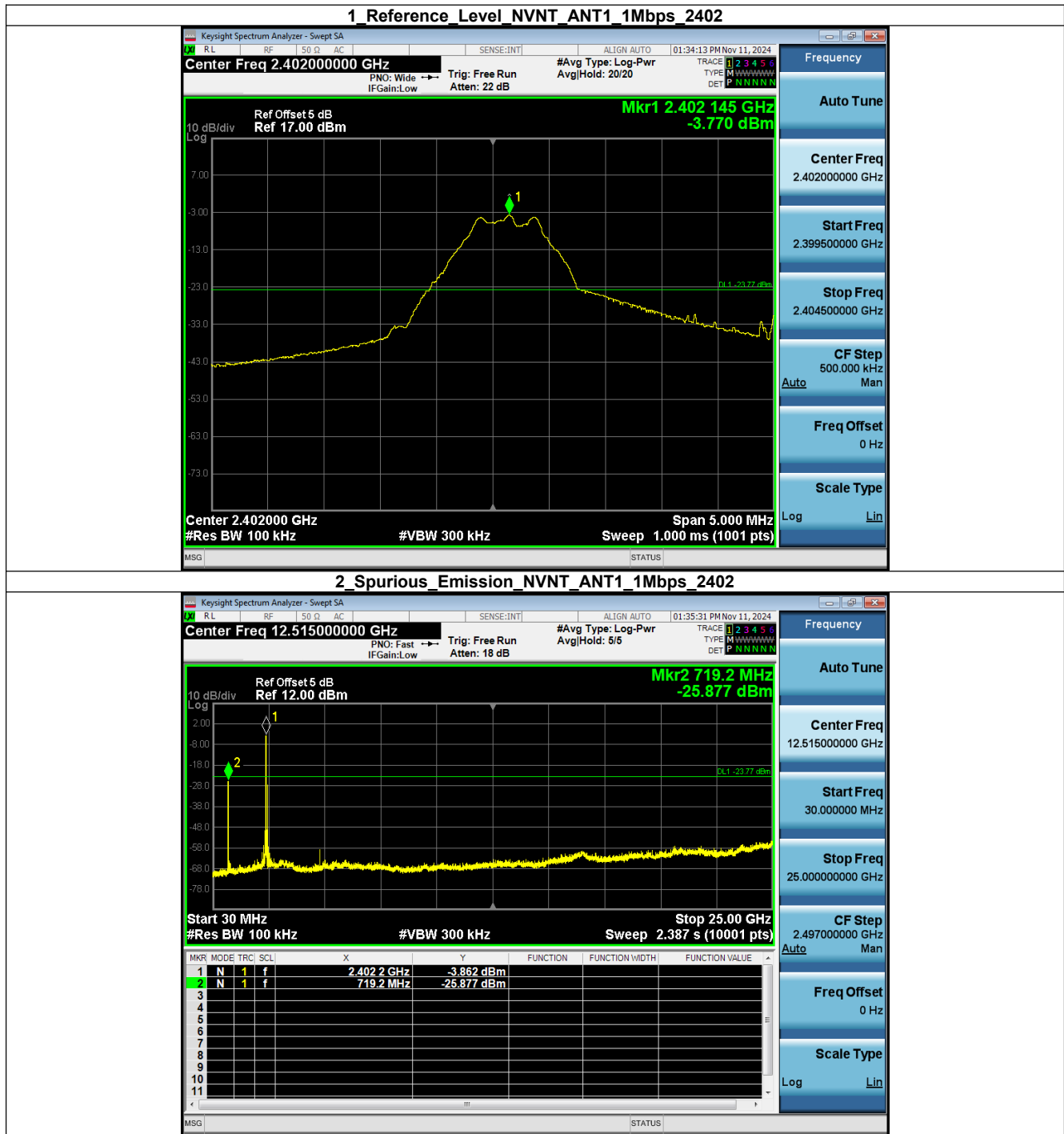


2 Bandedge_NVNT_ANT1_1Mbps_2480



7. Spurious Emission

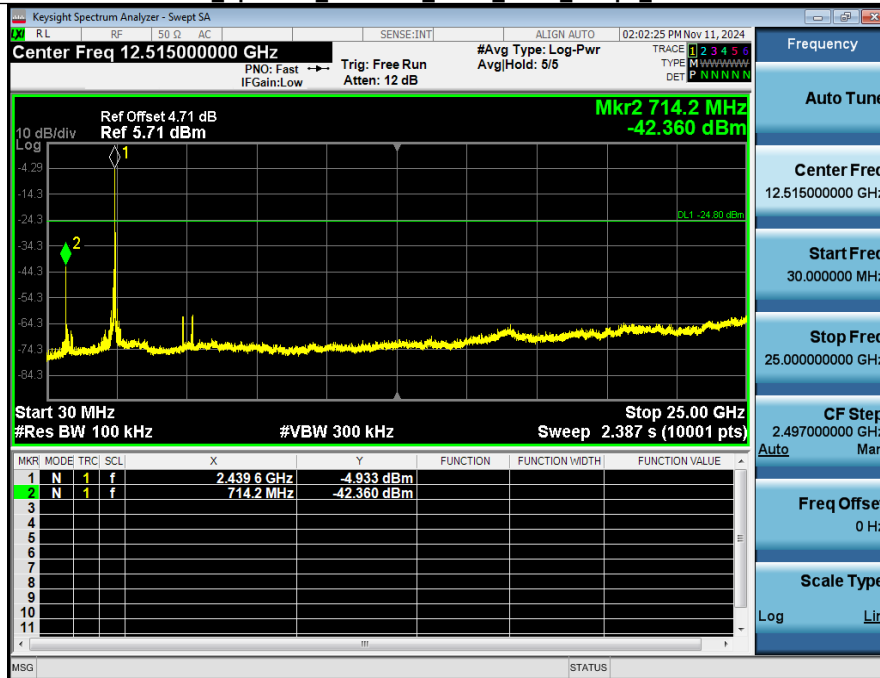
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-25.877	-23.770	Pass
NVNT	ANT1	1Mbps	2440.00	-42.360	-24.796	Pass
NVNT	ANT1	1Mbps	2480.00	-51.090	-24.062	Pass



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

