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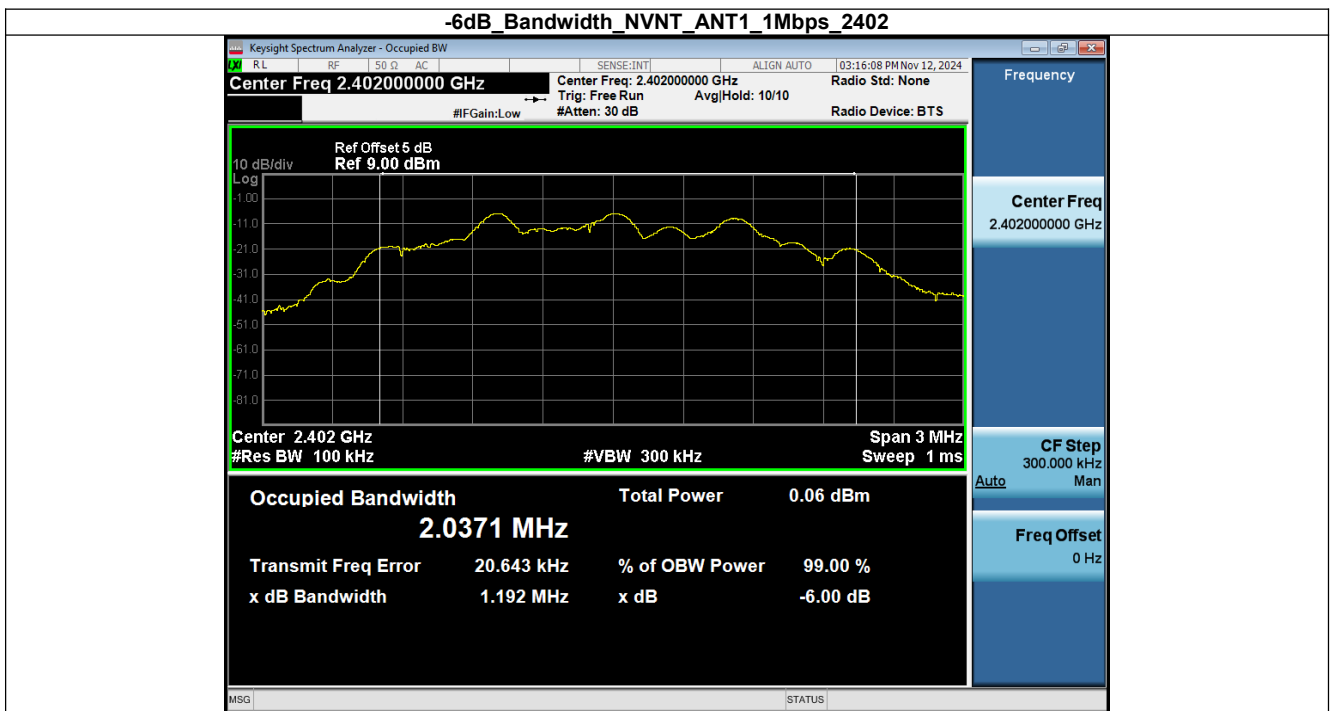
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IC:28929-FM2106PROBE

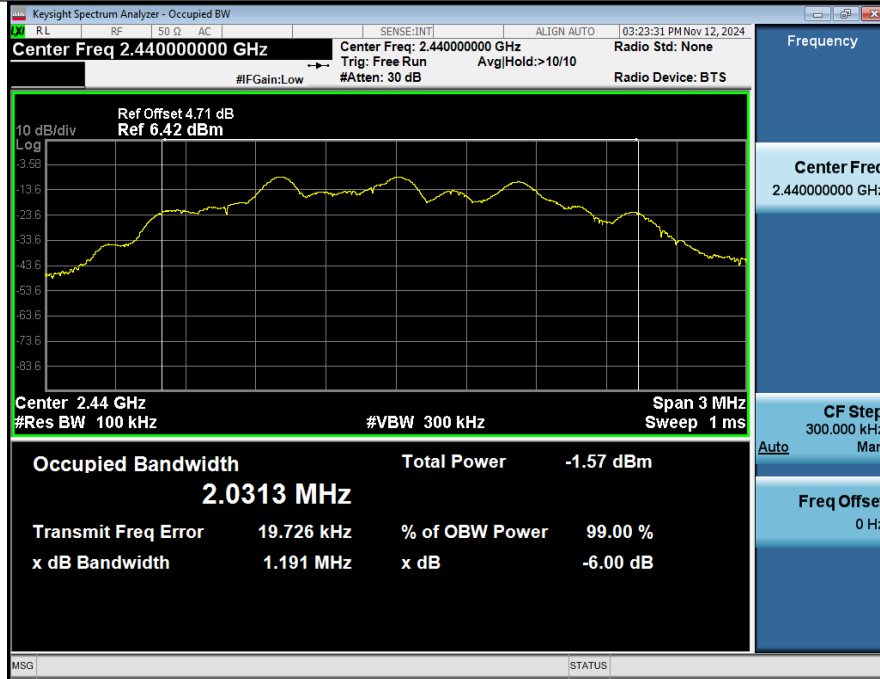
FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

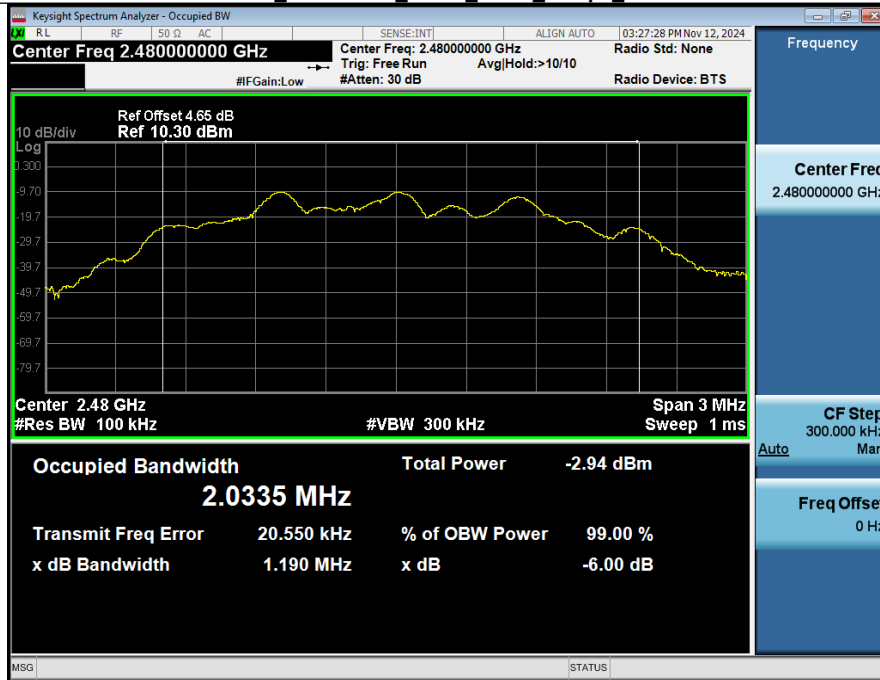
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	1192	500	Pass
NVNT	ANT1	1Mbps	2440.00	1191	500	Pass
NVNT	ANT1	1Mbps	2480.00	1190	500	Pass



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440

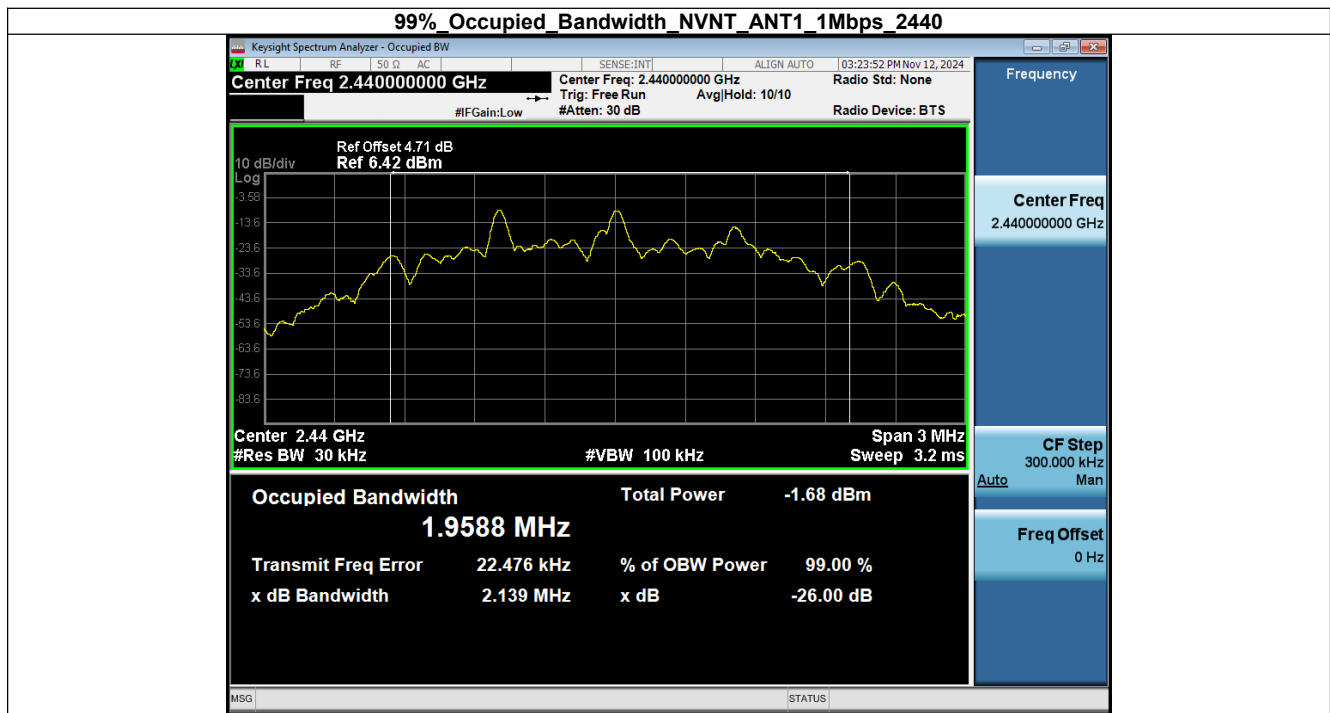
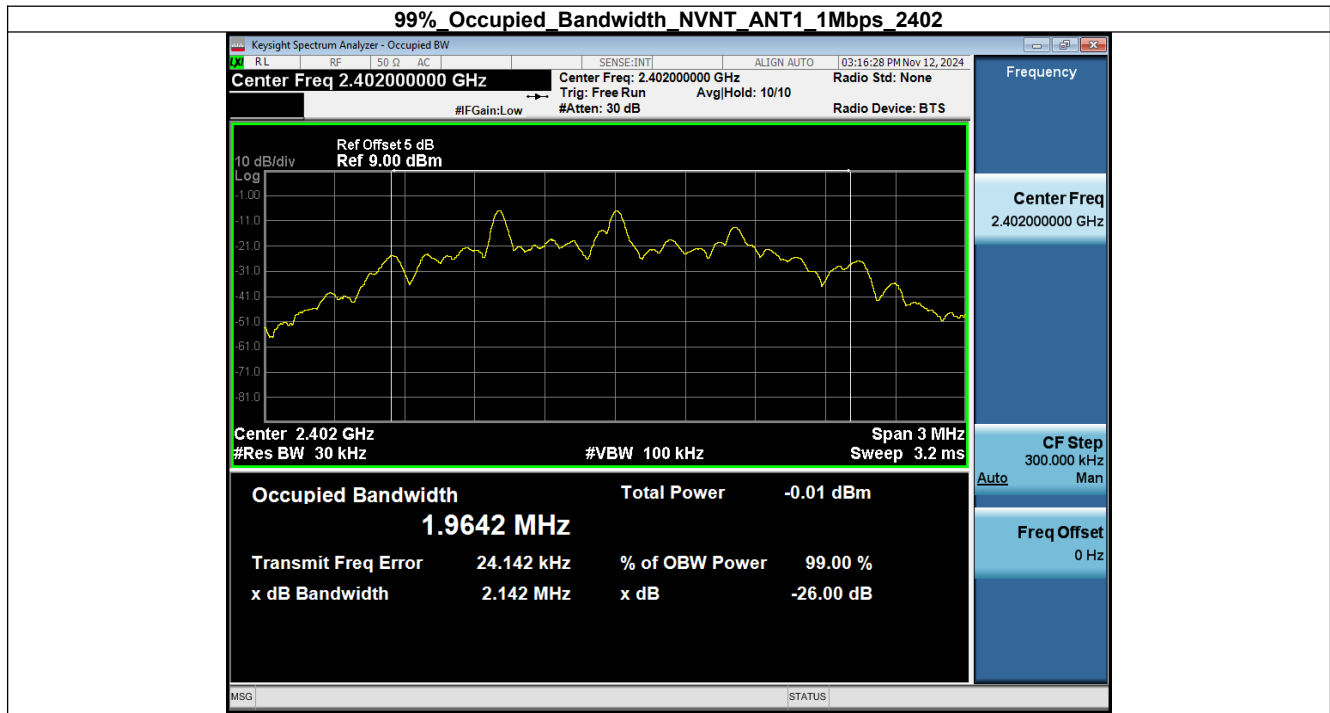


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480

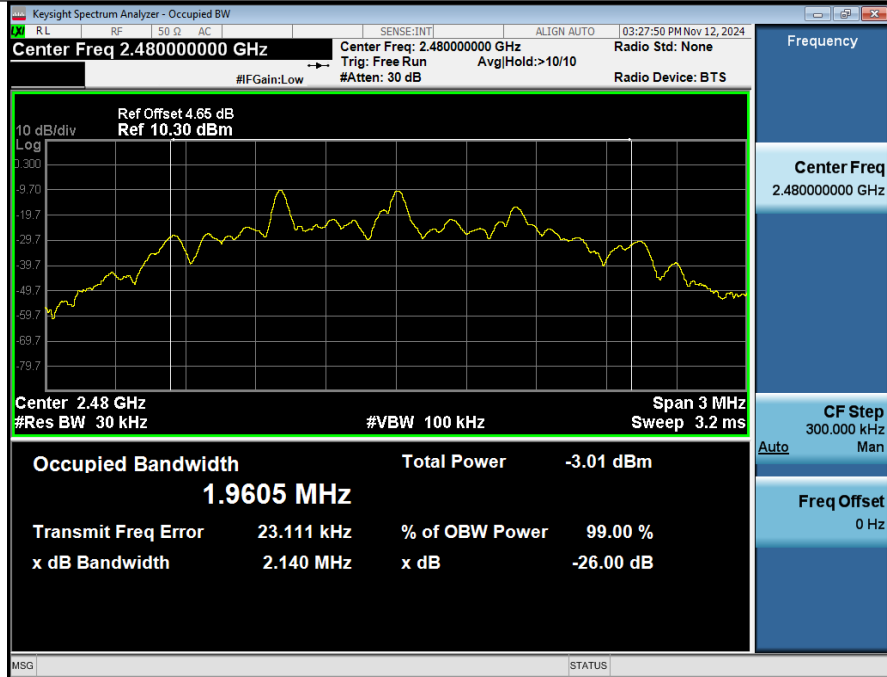


2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.964
NVNT	ANT1	1Mbps	2440.00	1.959
NVNT	ANT1	1Mbps	2480.00	1.960

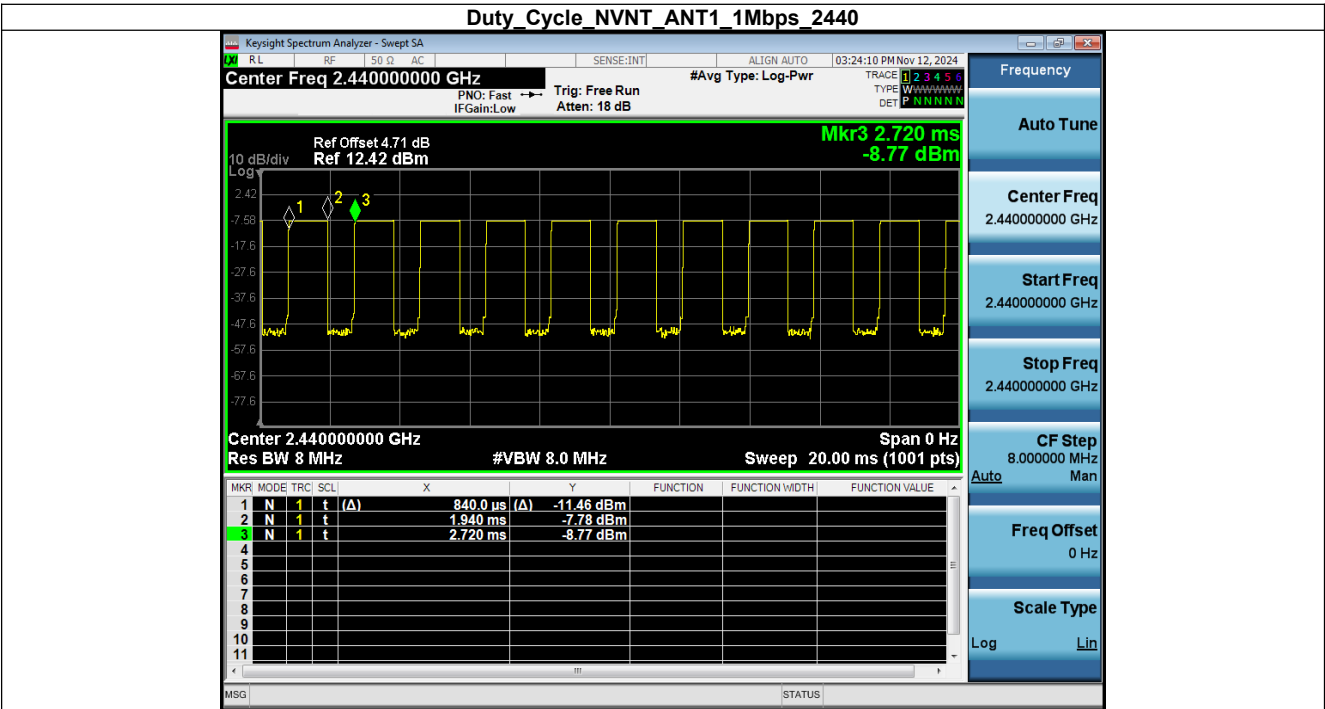
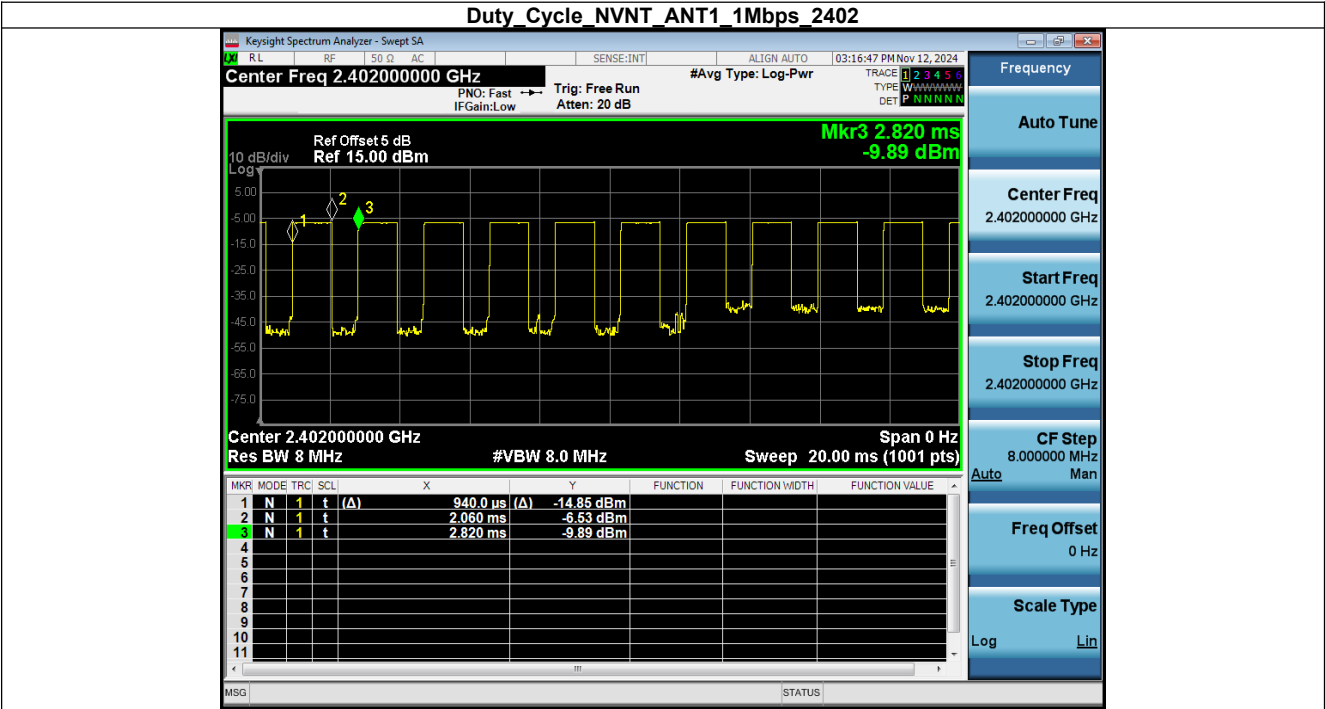


99% Occupied Bandwidth NVNT_ANT1_1Mbps_2480

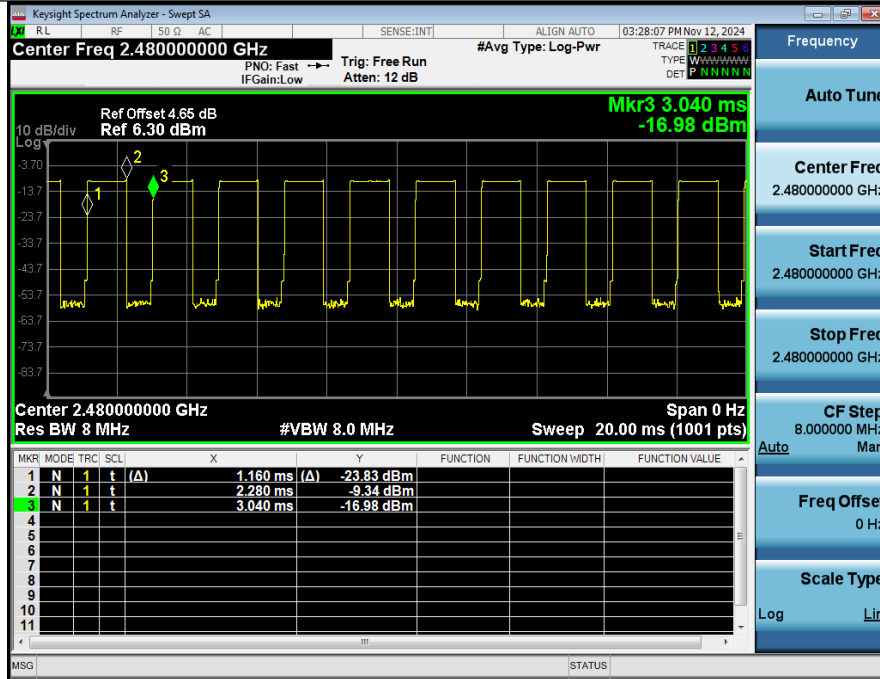


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	60.64	2.17
NVNT	ANT1	1Mbps	2440.00	59.57	2.25
NVNT	ANT1	1Mbps	2480.00	60.64	2.17



Duty Cycle_NVNT_ANT1_1Mbps_2480

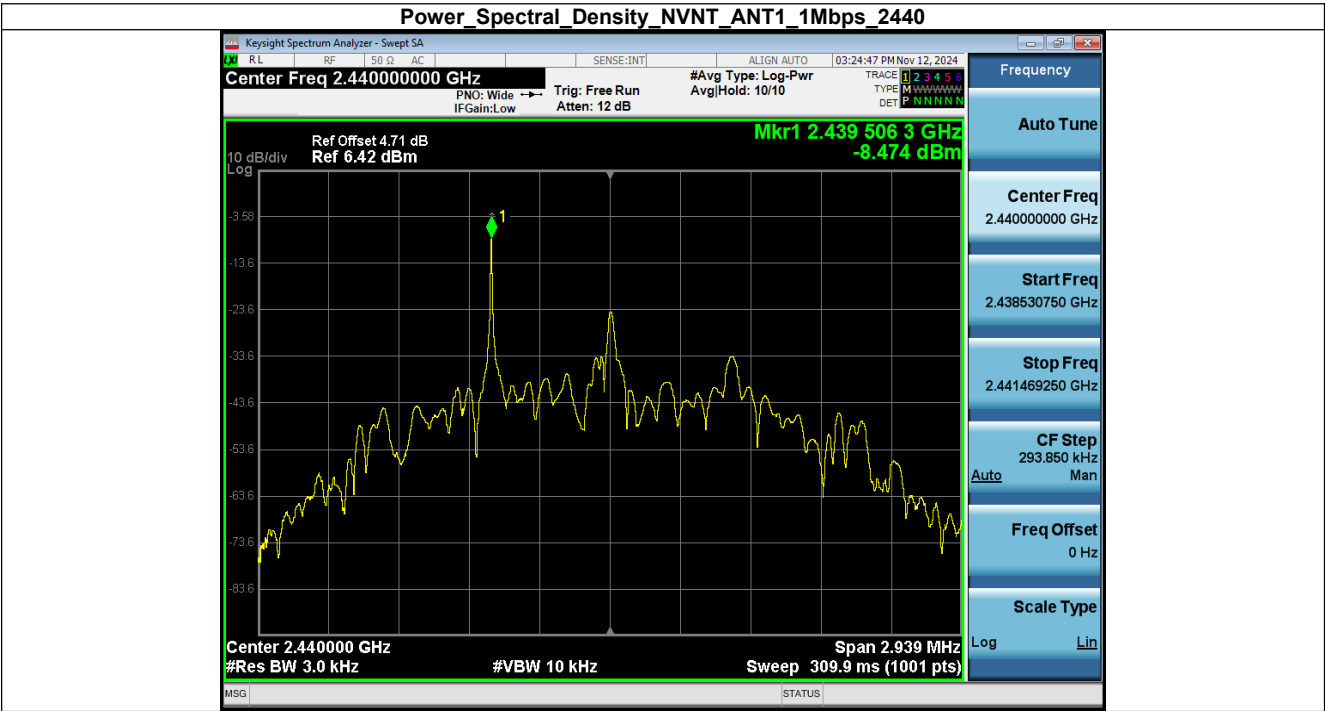
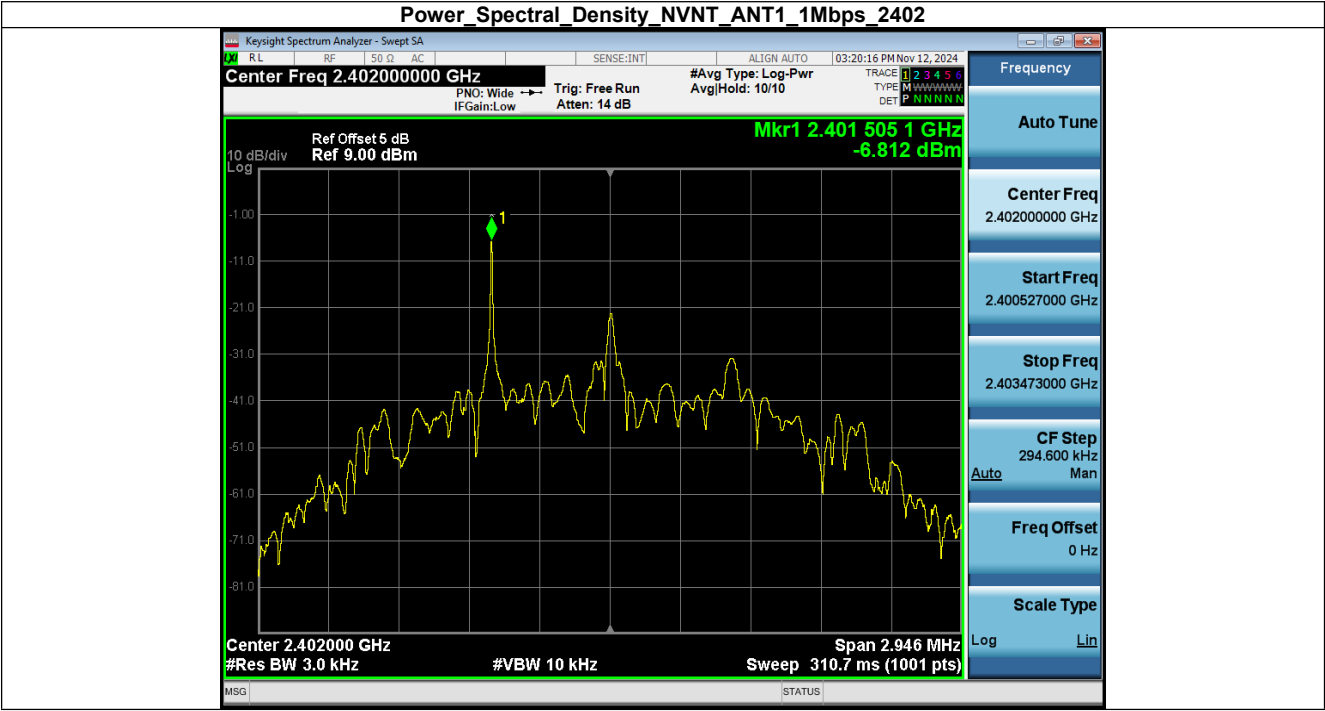


4. Peak Output Power

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	-4.65	0.343	1000	-3.14	-7.79	36.02	Pass
ANT1	1Mbps	2440.00	-5.37	0.290	1000	-3.14	-8.51	36.02	Pass
ANT1	1Mbps	2480.00	-5.79	0.264	1000	-3.14	-8.93	36.02	Pass

5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-6.81	8	Pass
NVNT	ANT1	1Mbps	2440.00	-8.47	8	Pass
NVNT	ANT1	1Mbps	2480.00	-9.89	8	Pass

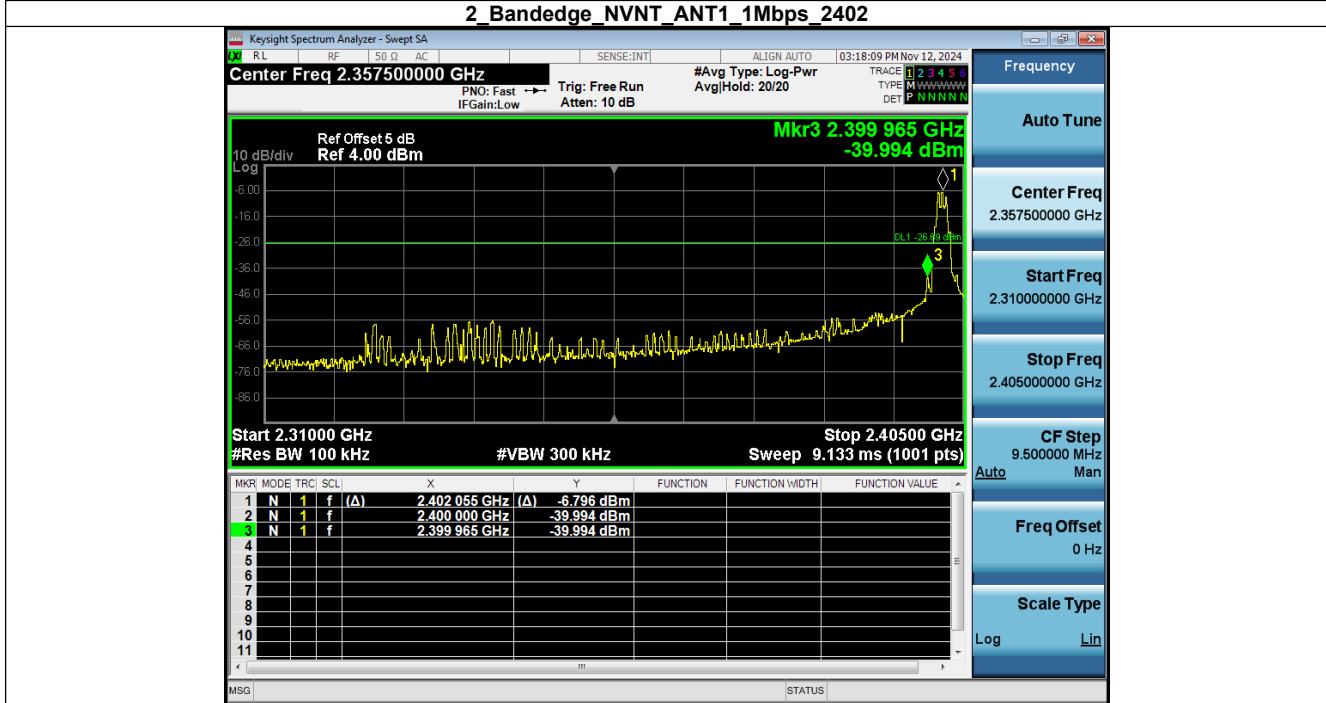


Power Spectral Density NVNT_ANT1_1Mbps_2480



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	-39.994	-26.688	Pass
NVNT	ANT1	1Mbps	2480.00	2483.525	-51.527	-29.837	Pass



1	Reference	Level	NVNT	ANT1	1Mbps	2480
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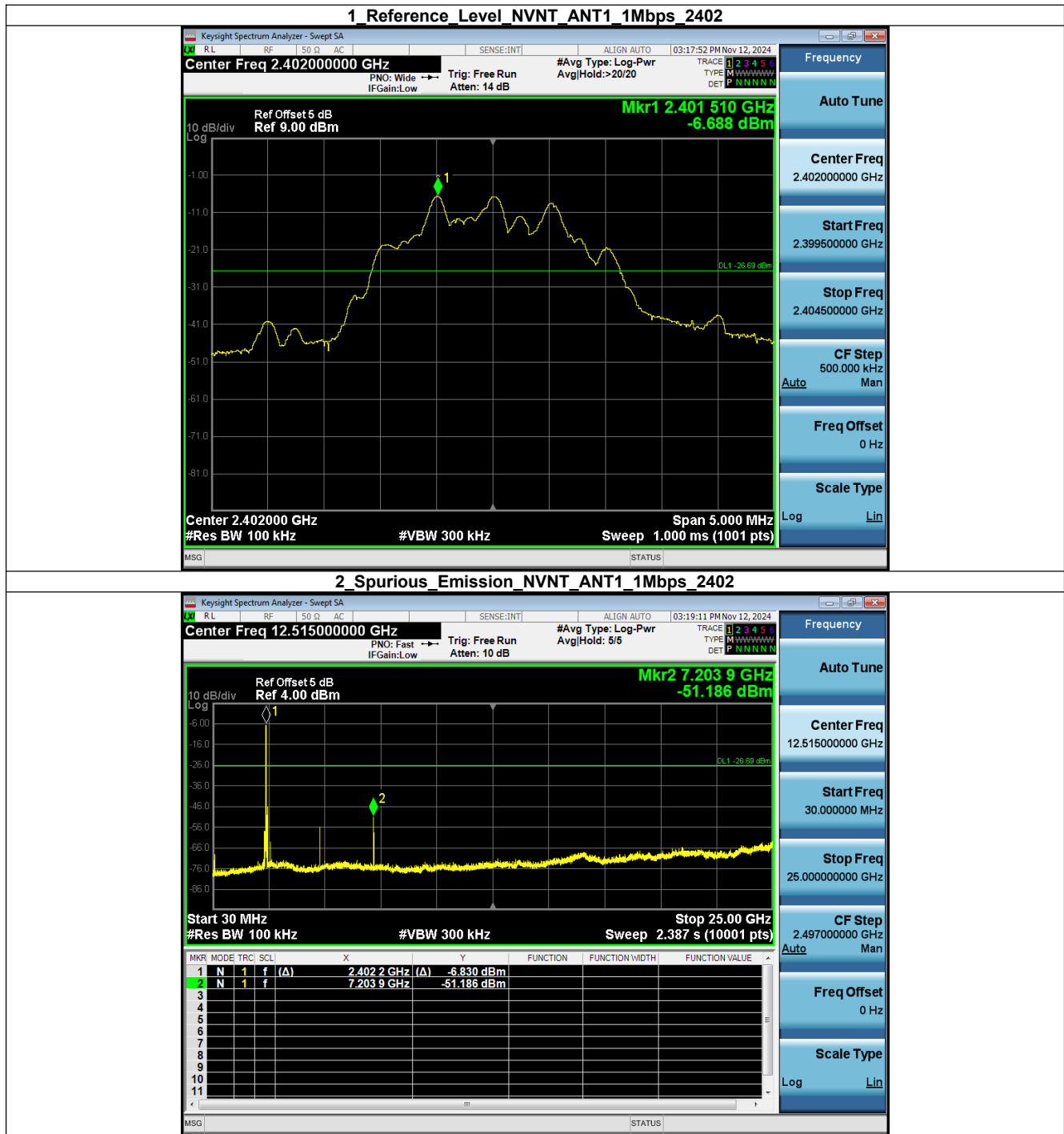


2_Bandedge_NVNT_ANT1_1Mbps_2480



7. Spurious Emission

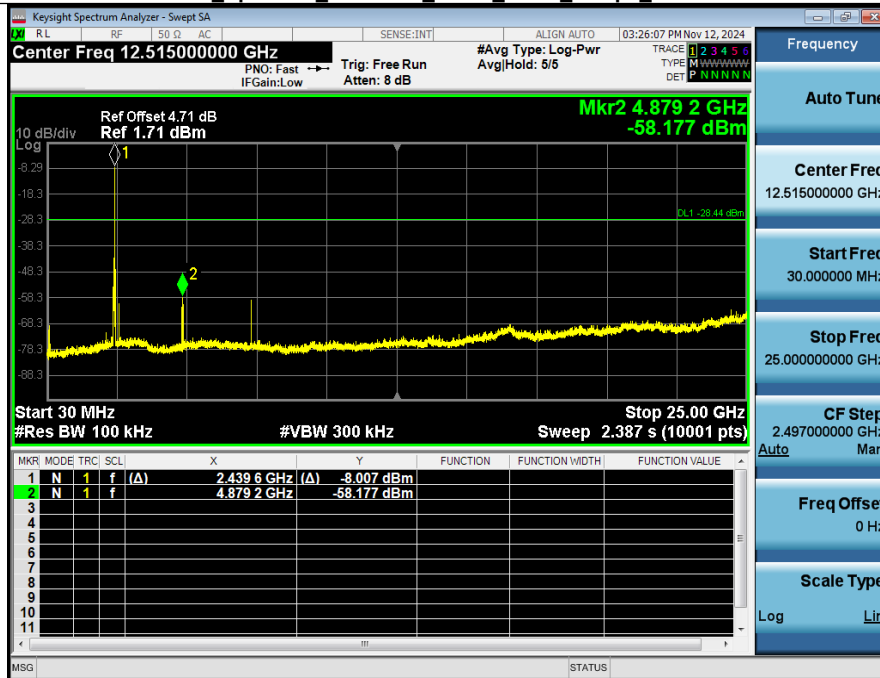
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-51.186	-26.688	Pass
NVNT	ANT1	1Mbps	2440.00	-58.177	-28.440	Pass
NVNT	ANT1	1Mbps	2480.00	-58.711	-29.837	Pass



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

