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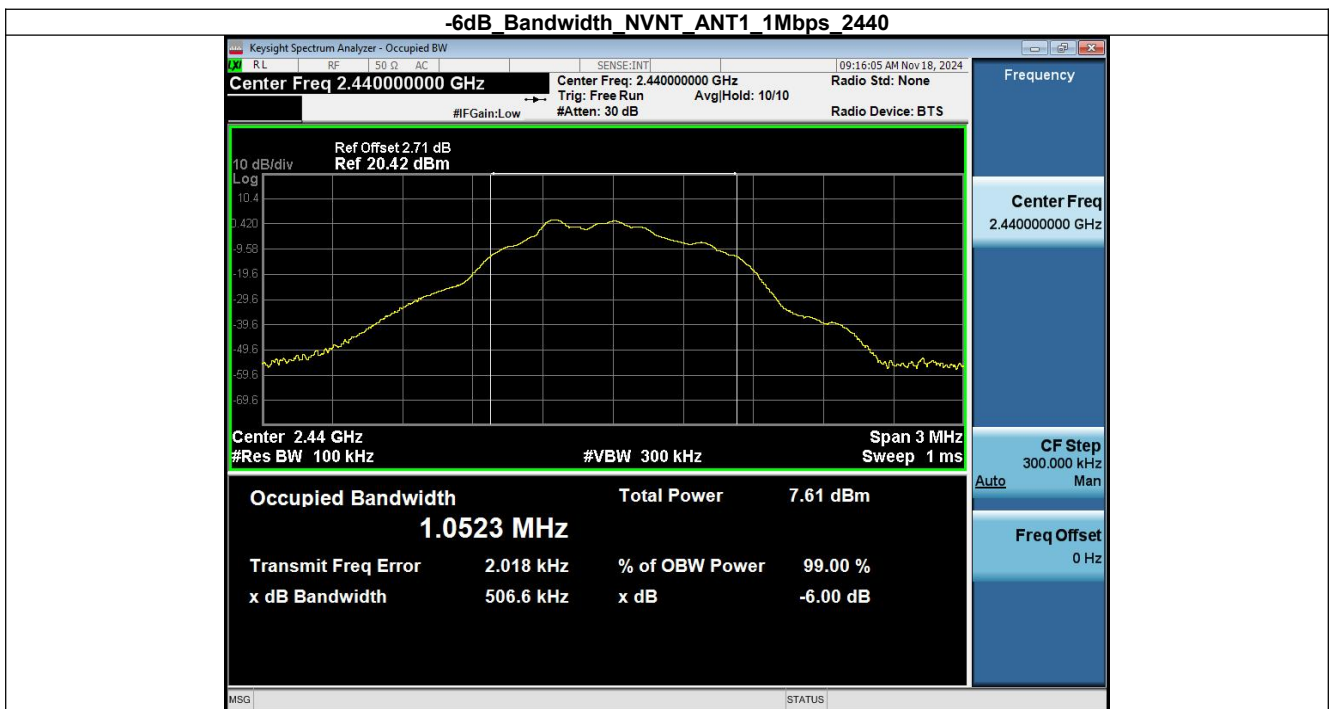
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FCC ID&IC ID BLE

FCC&IC_BLE (Part15.247&RSS-247) Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	507.68	500	Pass
NVNT	ANT1	1Mbps	2440.00	506.64	500	Pass
NVNT	ANT1	1Mbps	2480.00	510.23	500	Pass



-6dB Bandwidth NVNT ANT1 1Mbps 2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.012
NVNT	ANT1	1Mbps	2440.00	1.013
NVNT	ANT1	1Mbps	2480.00	1.014

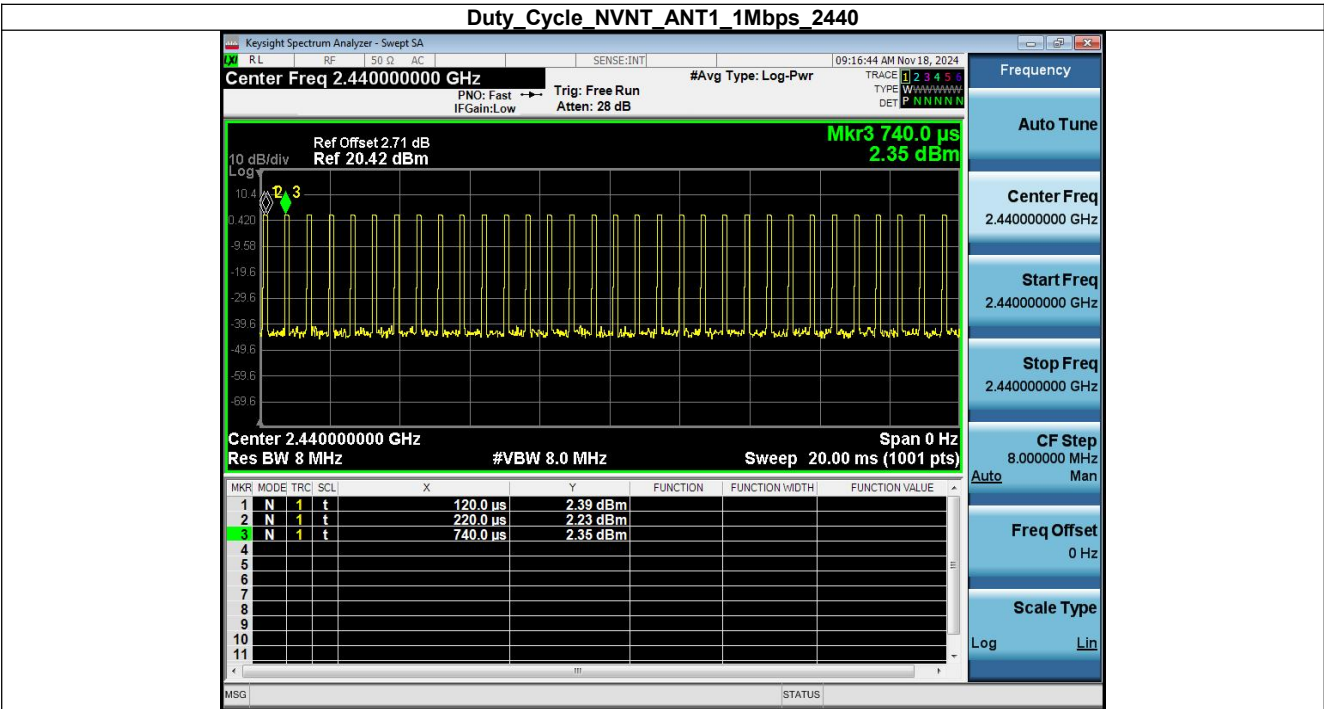
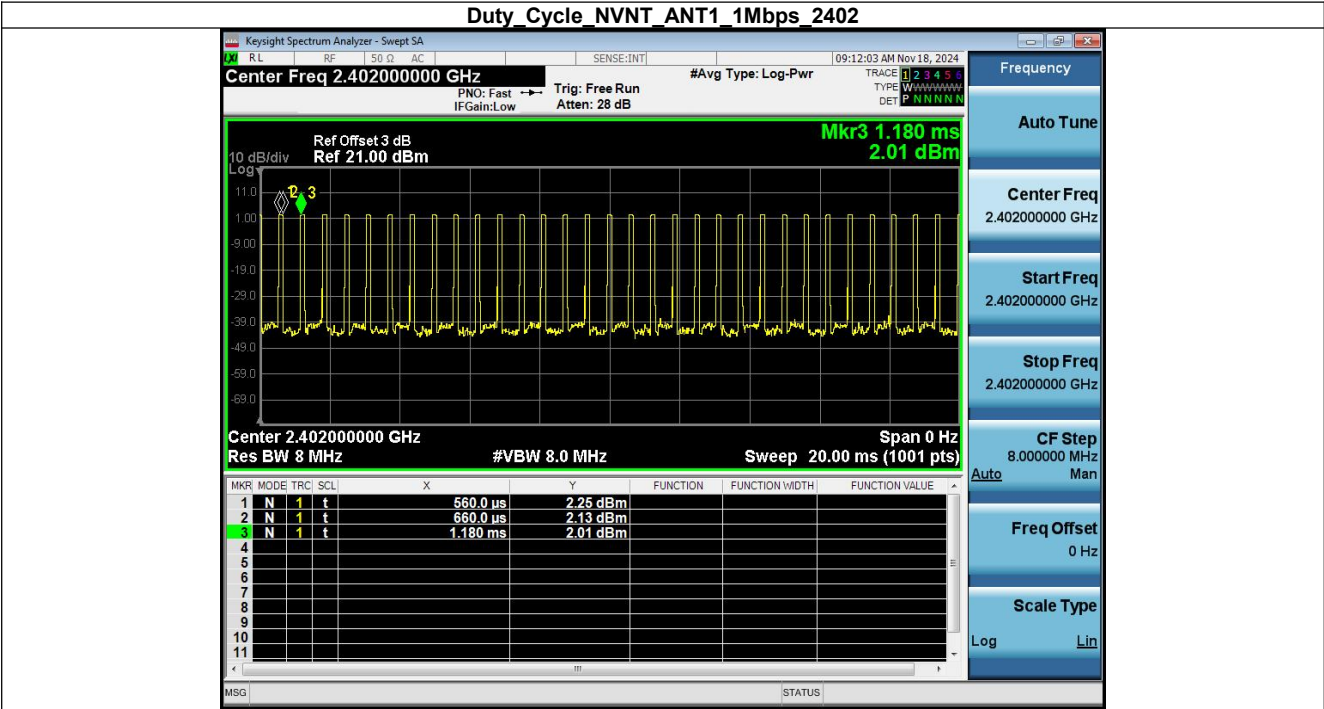


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

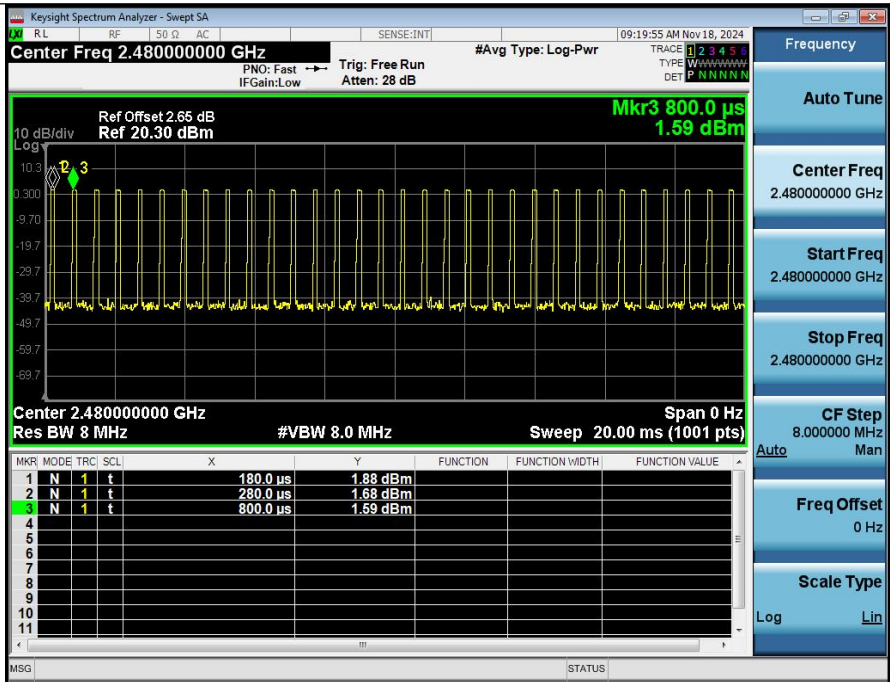


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	19.35	7.13
NVNT	ANT1	1Mbps	2440.00	16.13	7.92
NVNT	ANT1	1Mbps	2480.00	16.13	7.92

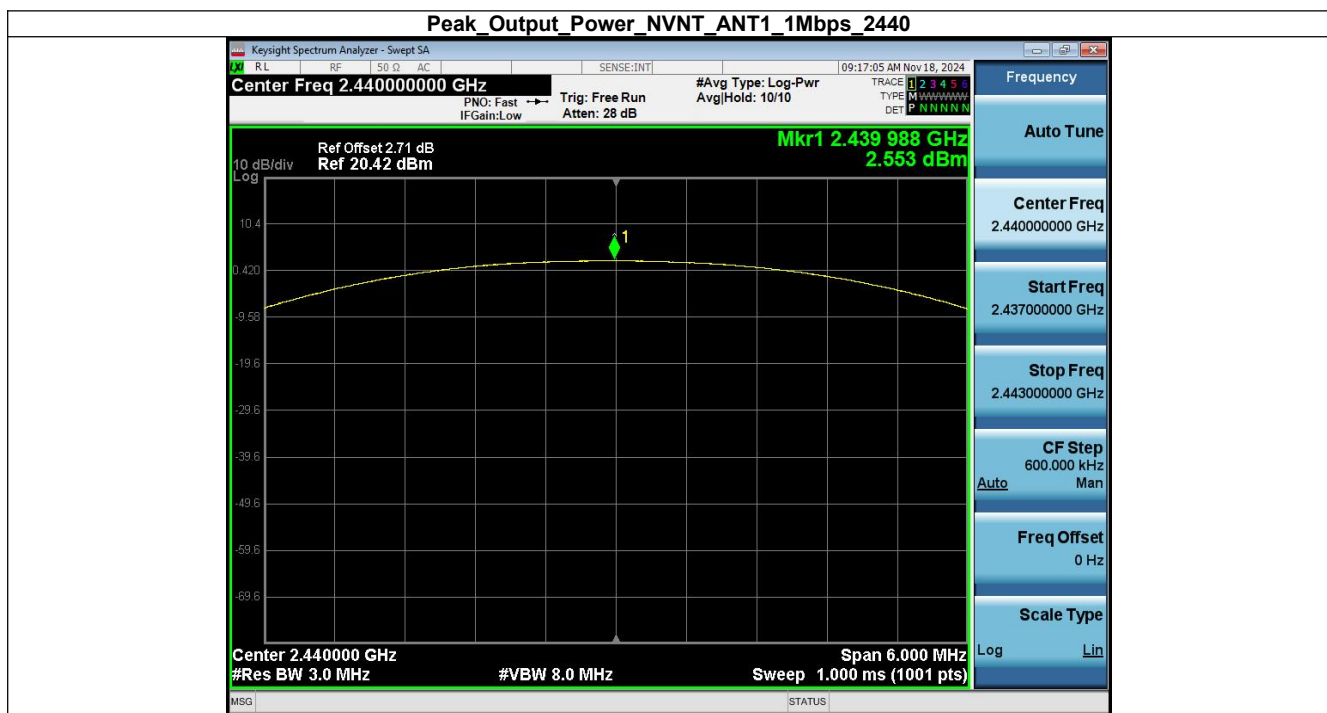
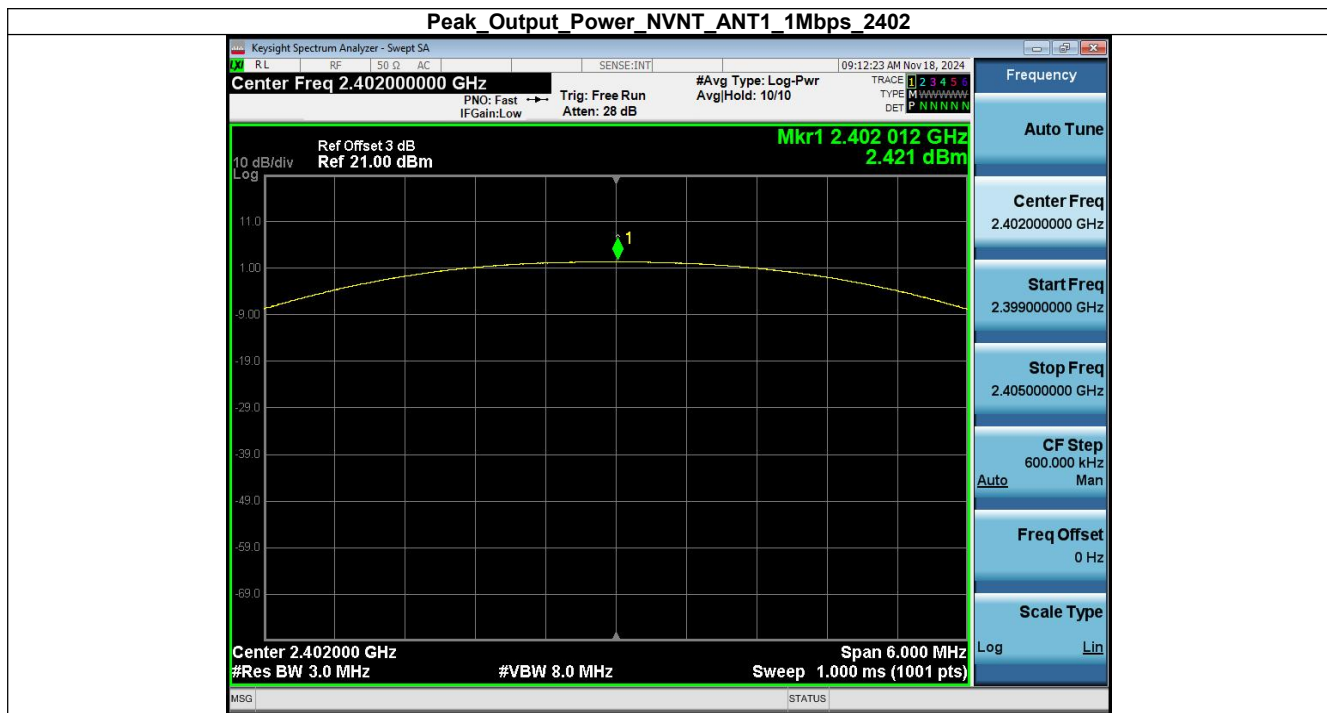


Duty Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power Limit(dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP Limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2.42	30	-2.112	0.308	36	Pass
NVNT	ANT1	1Mbps	2440.00	2.55	30	-2.112	0.438	36	Pass
NVNT	ANT1	1Mbps	2480.00	2.02	30	-2.112	-0.092	36	Pass



Peak_Output_Power_NVNT_ANT1_1Mbps_2480



5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-14.70	8	Pass
NVNT	ANT1	1Mbps	2440.00	-14.57	8	Pass
NVNT	ANT1	1Mbps	2480.00	-15.17	8	Pass

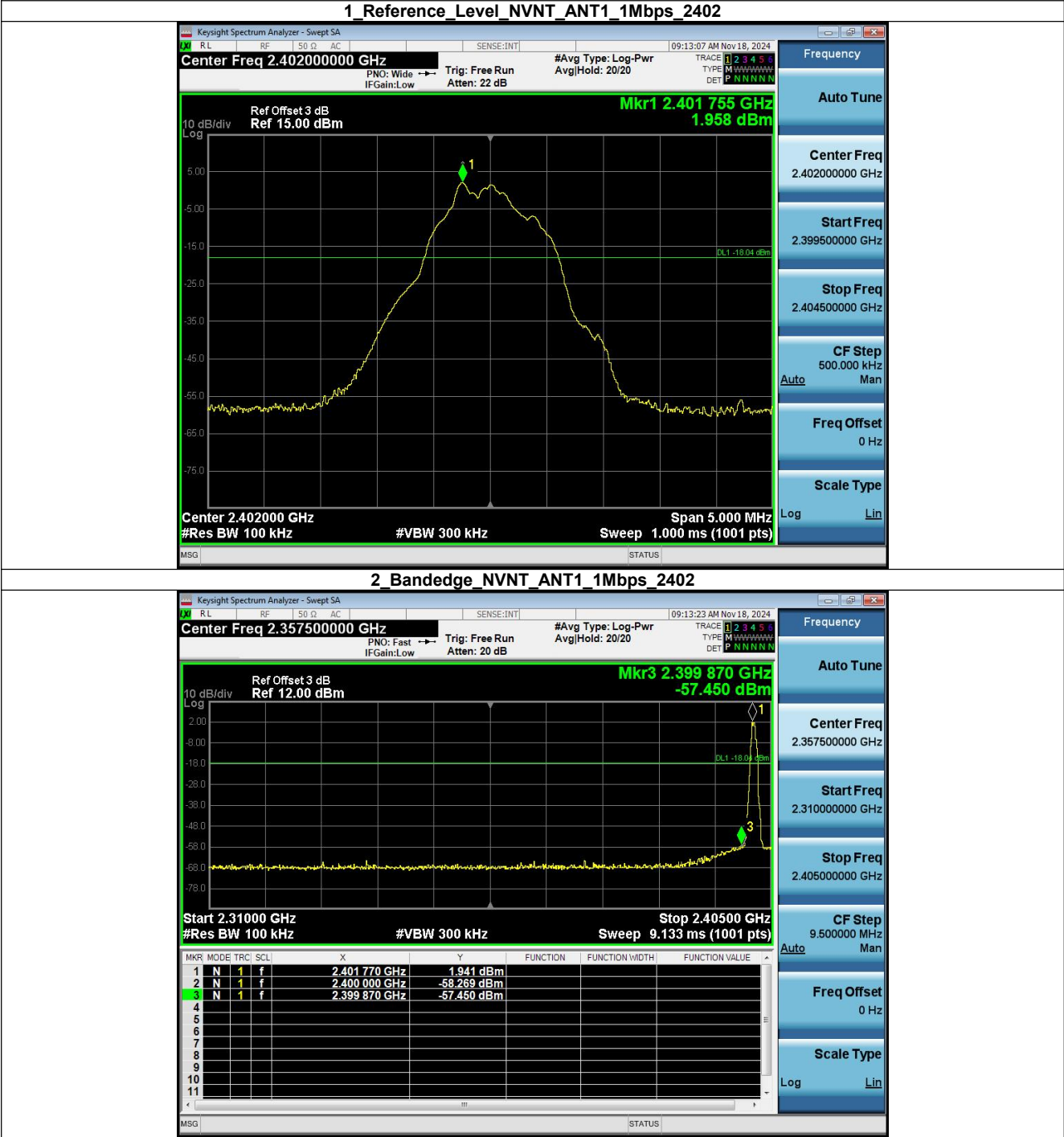


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480

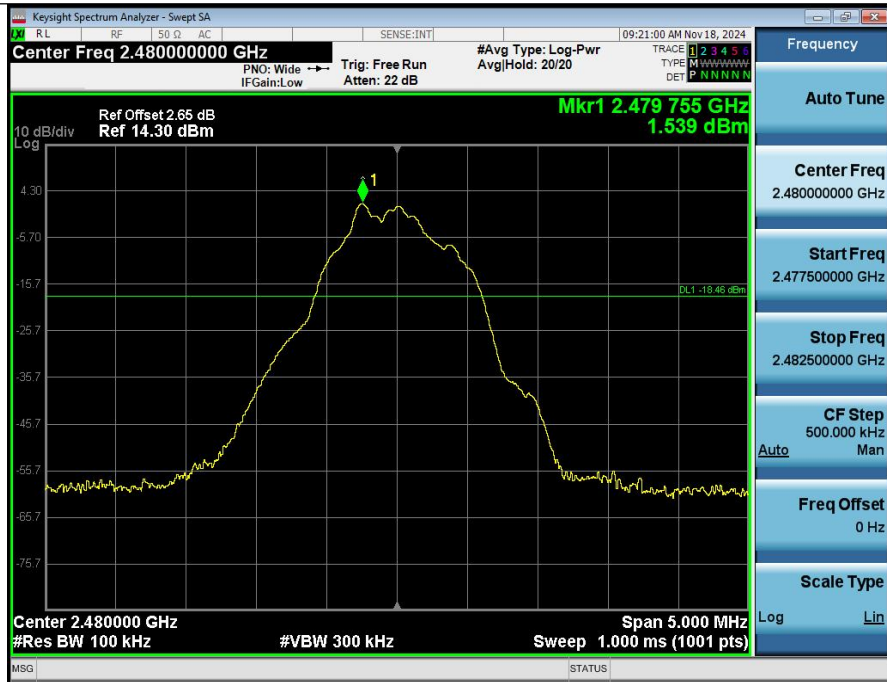


6. Bandedge

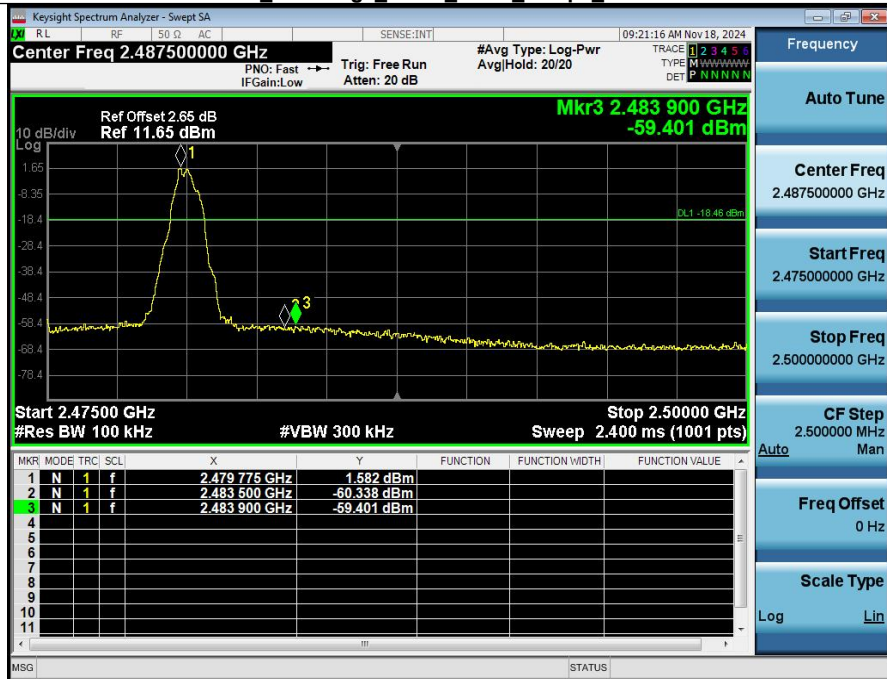
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.870	-57.450	-18.042	Pass
NVNT	ANT1	1Mbps	2480.00	2483.900	-59.401	-18.461	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

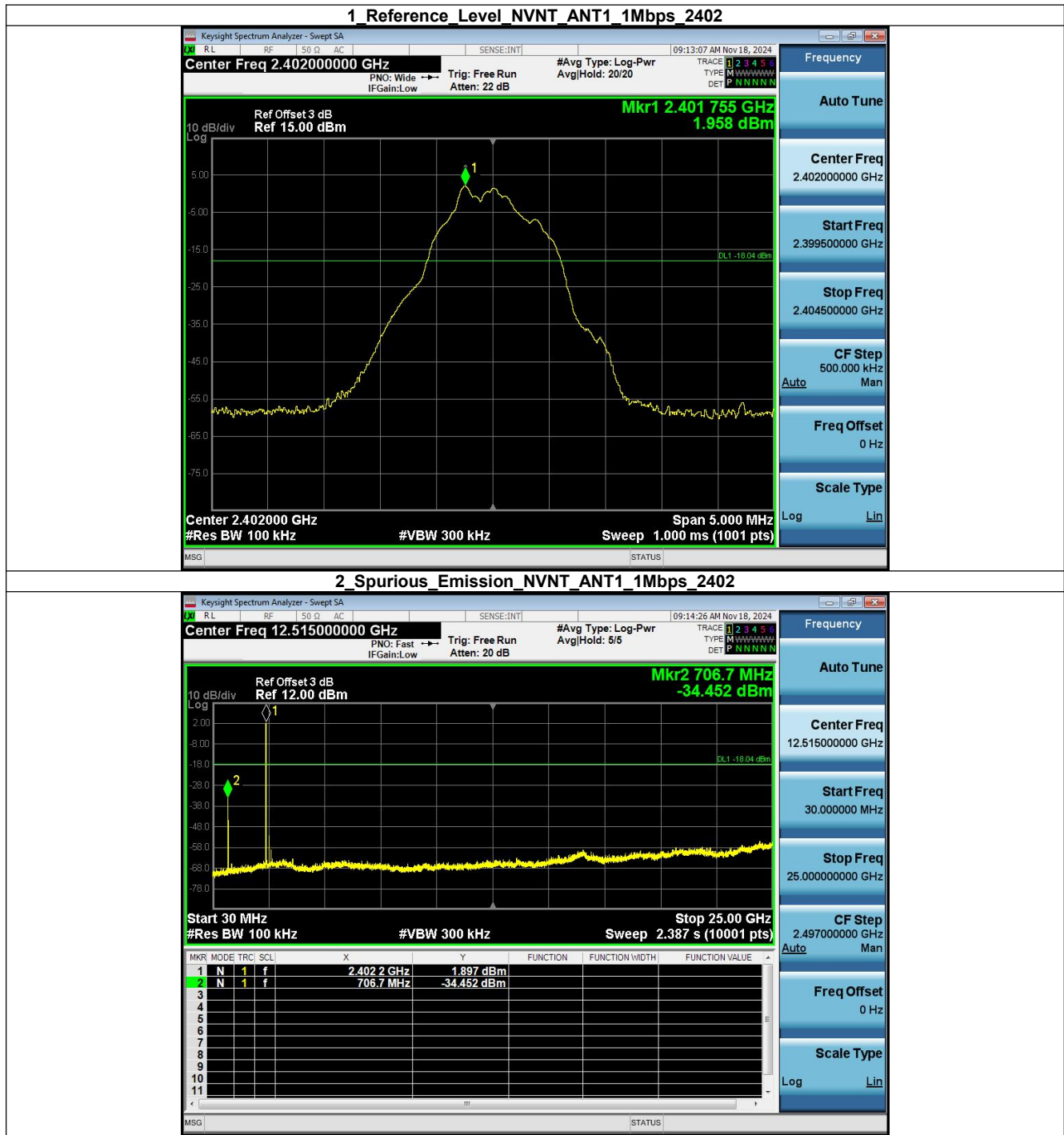


2_Bandedge_NVNT_ANT1_1Mbps_2480

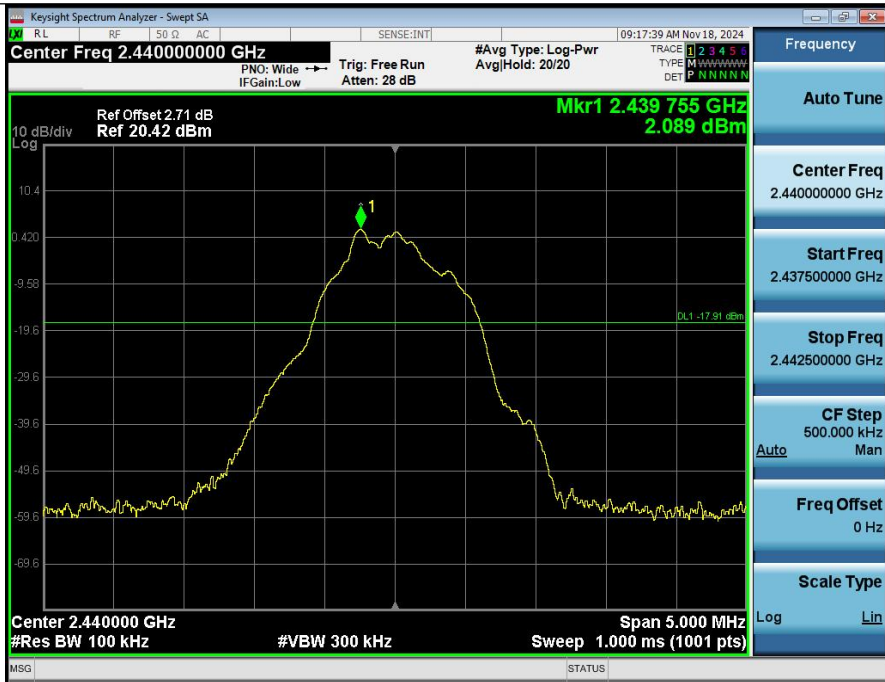


7. Spurious Emission

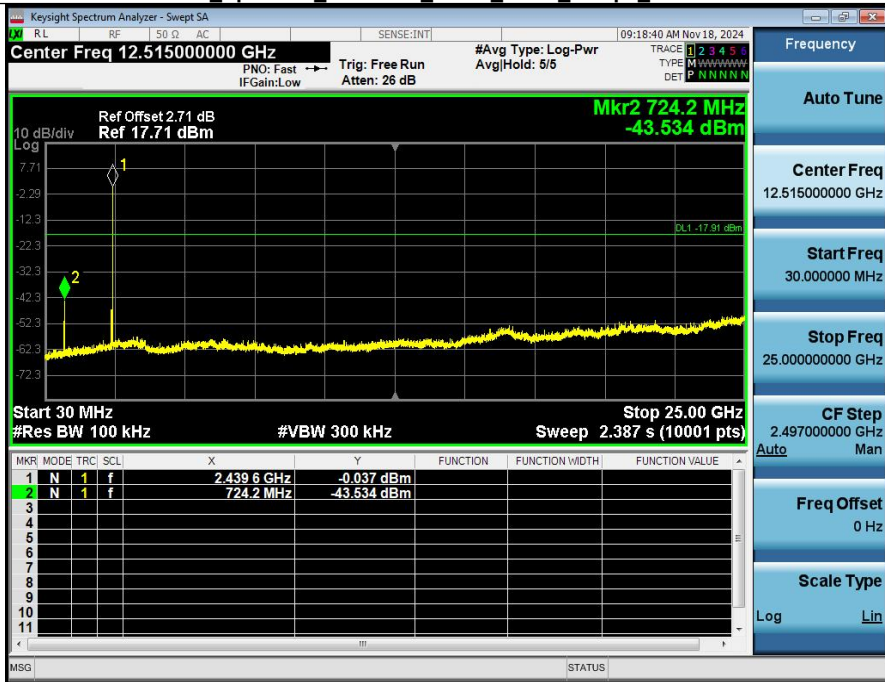
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-34.452	-18.042	Pass
NVNT	ANT1	1Mbps	2440.00	-43.534	-17.911	Pass
NVNT	ANT1	1Mbps	2480.00	-54.199	-18.461	Pass



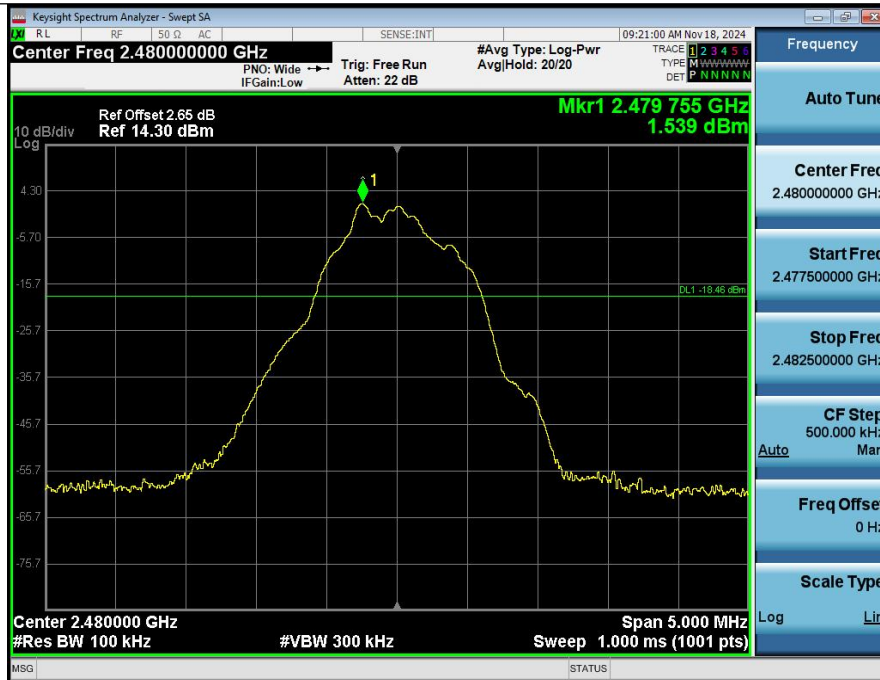
1 Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

