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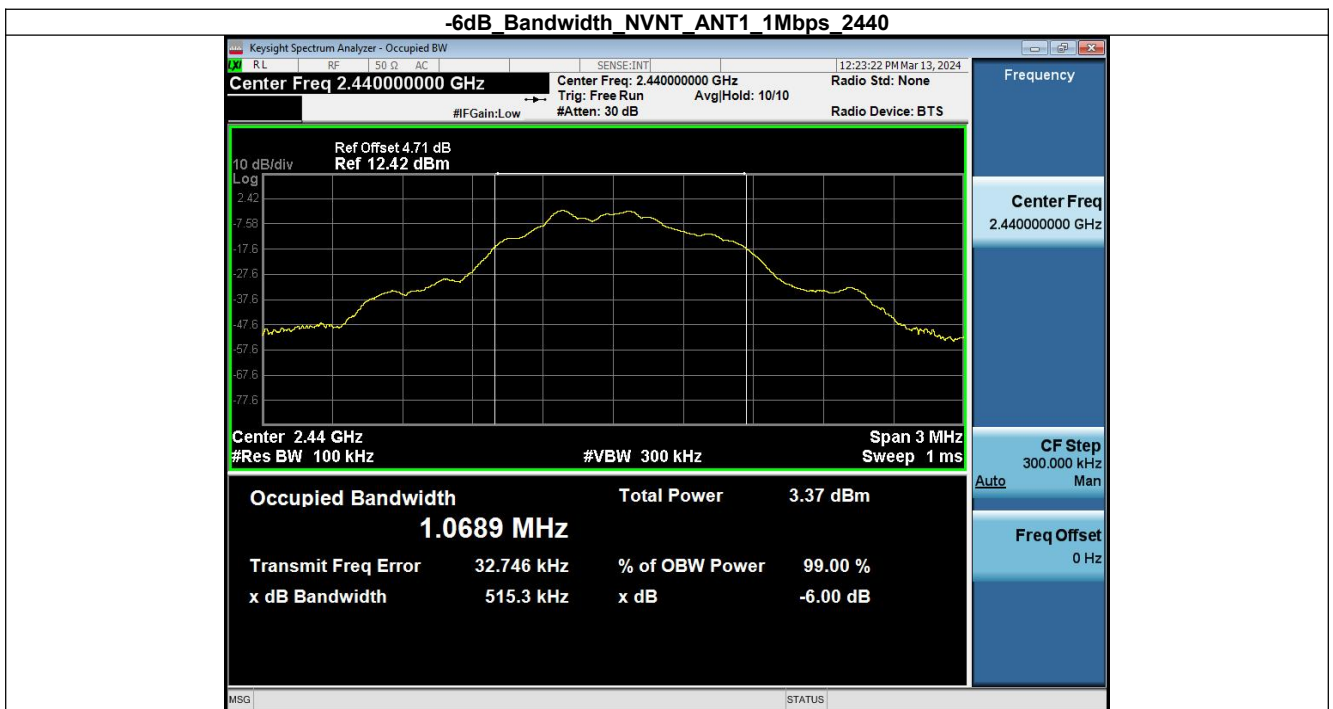
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FCC ID BLE

FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	538.56	500	Pass
NVNT	ANT1	1Mbps	2440.00	515.33	500	Pass
NVNT	ANT1	1Mbps	2480	517.36	500	Pass



-6dB Bandwidth NVNT ANT1 1Mbps 2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.031
NVNT	ANT1	1Mbps	2440.00	1.030
NVNT	ANT1	1Mbps	2480	1.025

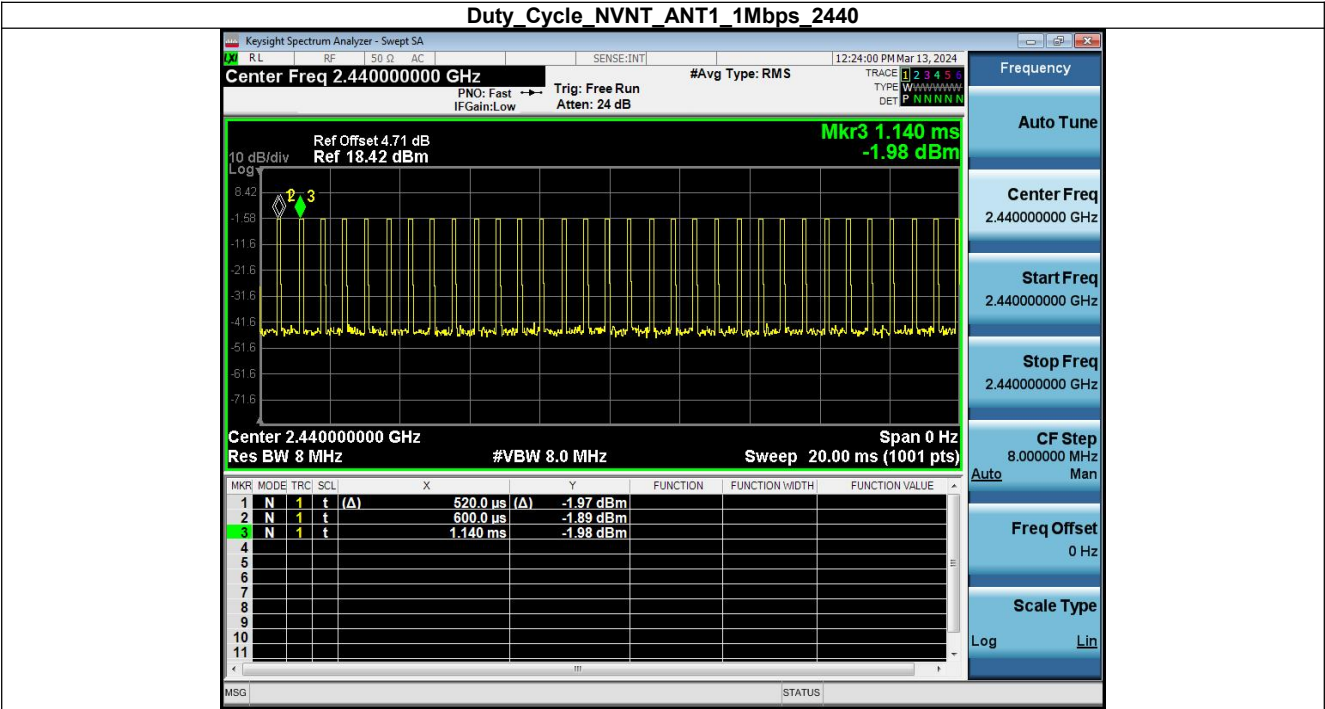
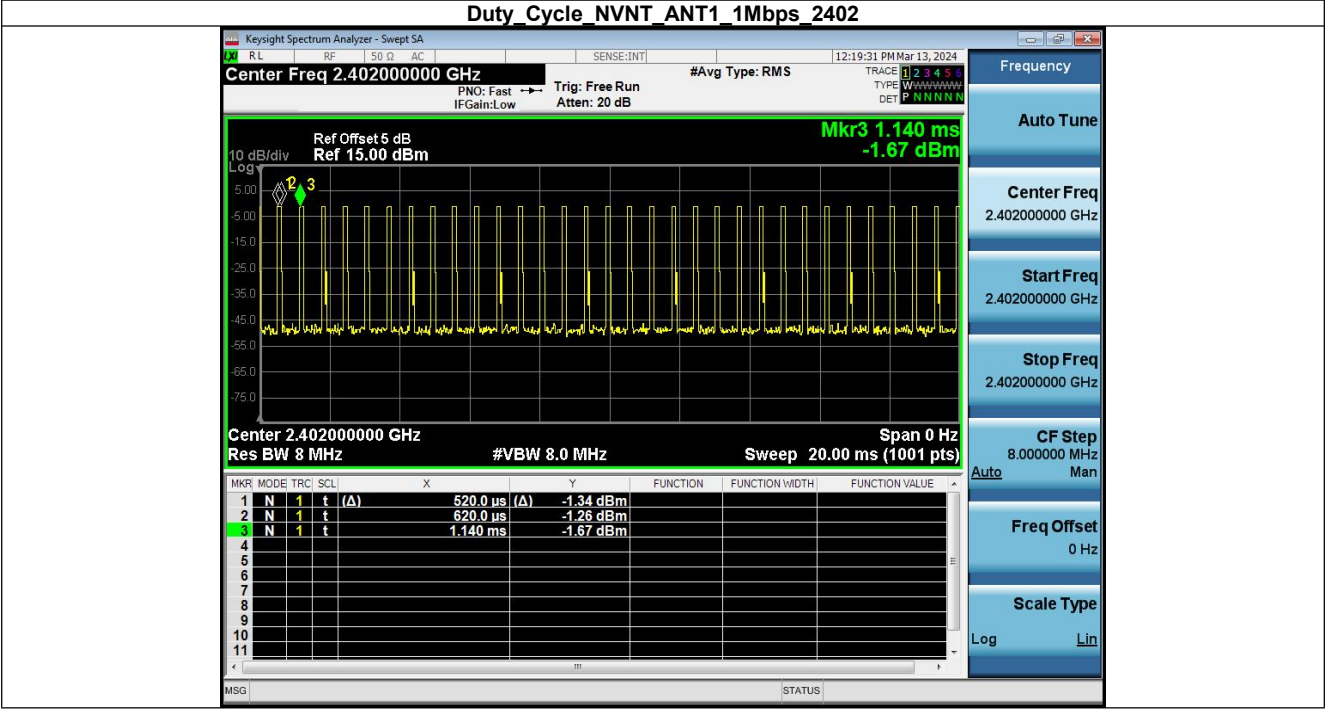


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

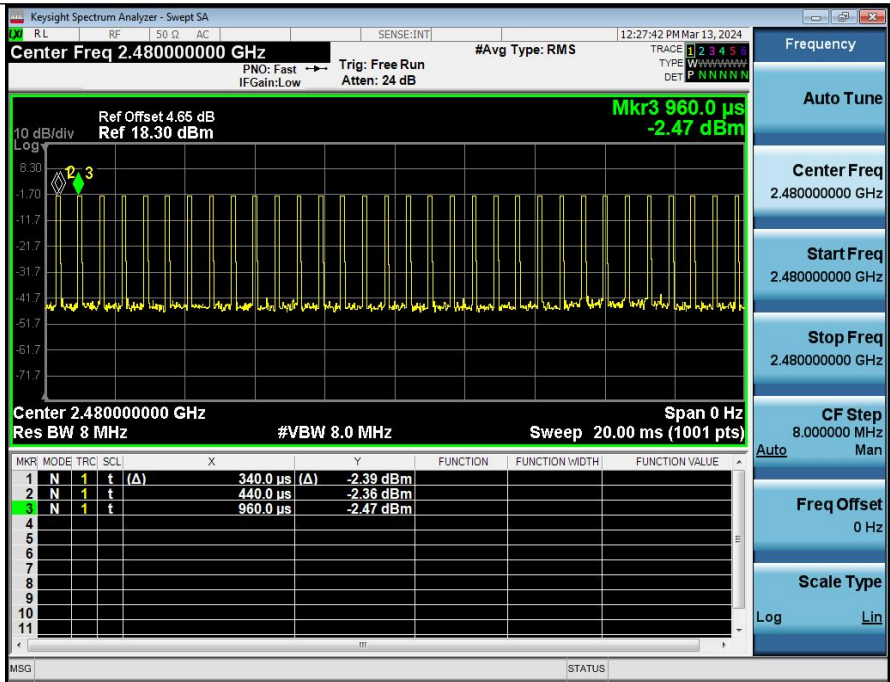


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402	19.35	7.13
NVNT	ANT1	1Mbps	2440.00	12.90	8.89
NVNT	ANT1	1Mbps	2480	16.13	7.92



Duty Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

Frequency (MHz)	Max. Conducted Power(dBm)	Limit(mW)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(mW)	Result
2402	-1.12	30	3.49	2.37	36	Pass
2440.00	-1.91	30	3.49	1.58	36	Pass
2480	-2.37	30	3.49	1.12	36	Pass

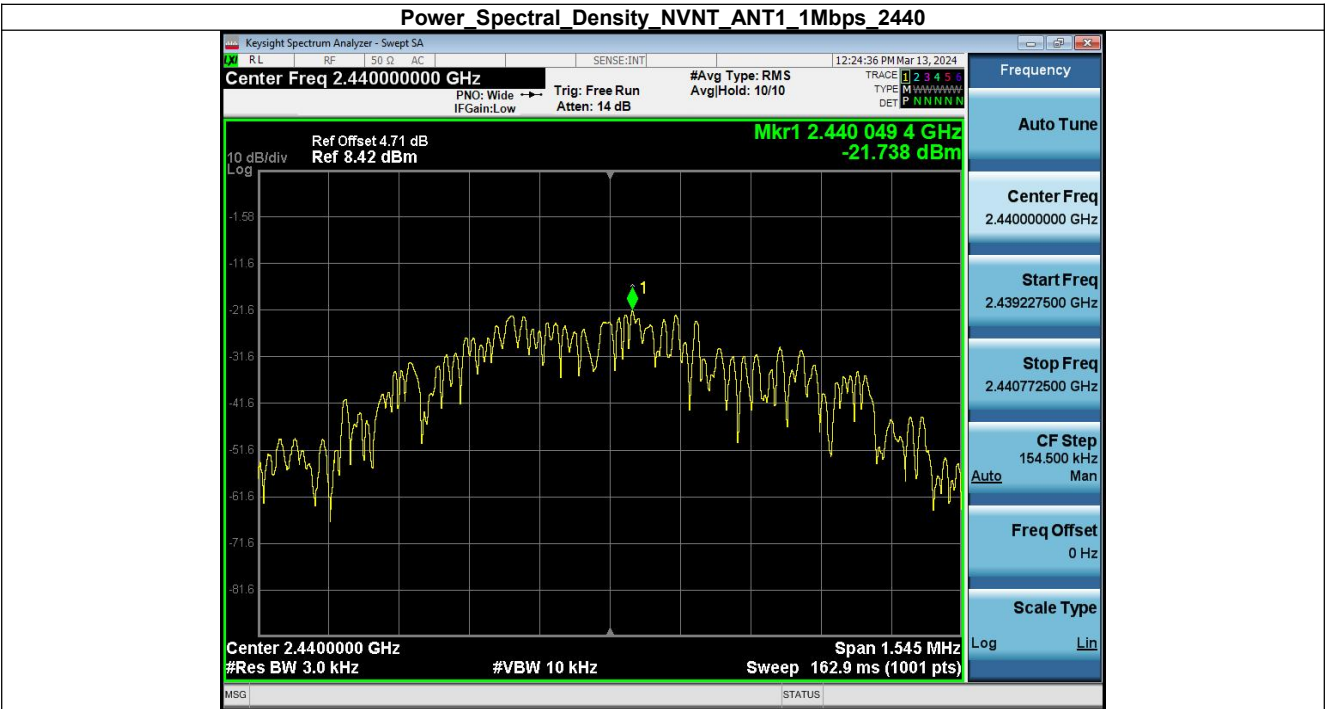


Peak_Output_Power_NVNT_ANT1_1Mbps_2480

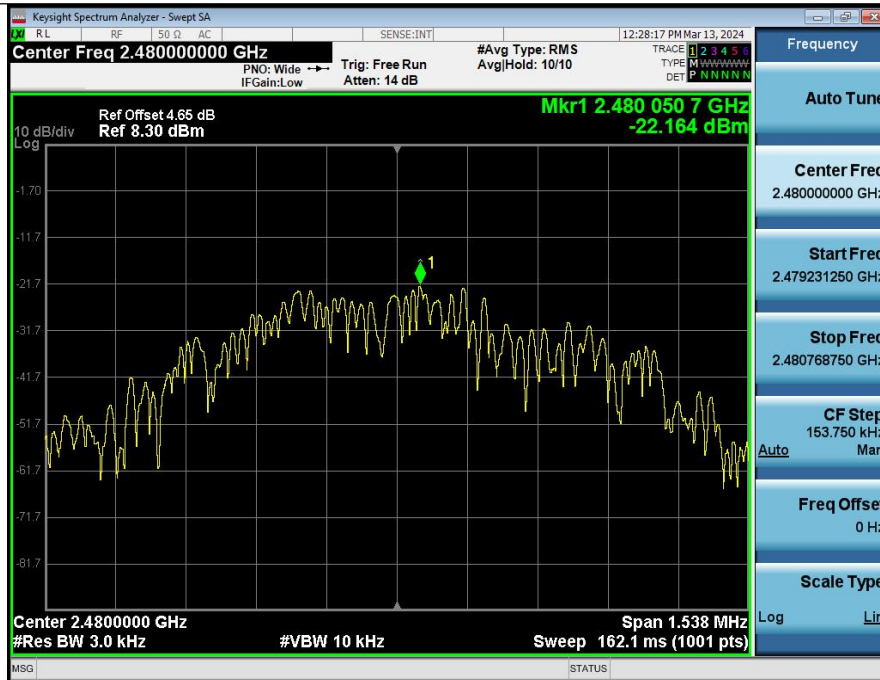


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-20.61	8	Pass
NVNT	ANT1	1Mbps	2440.00	-21.74	8	Pass
NVNT	ANT1	1Mbps	2480	-22.16	8	Pass

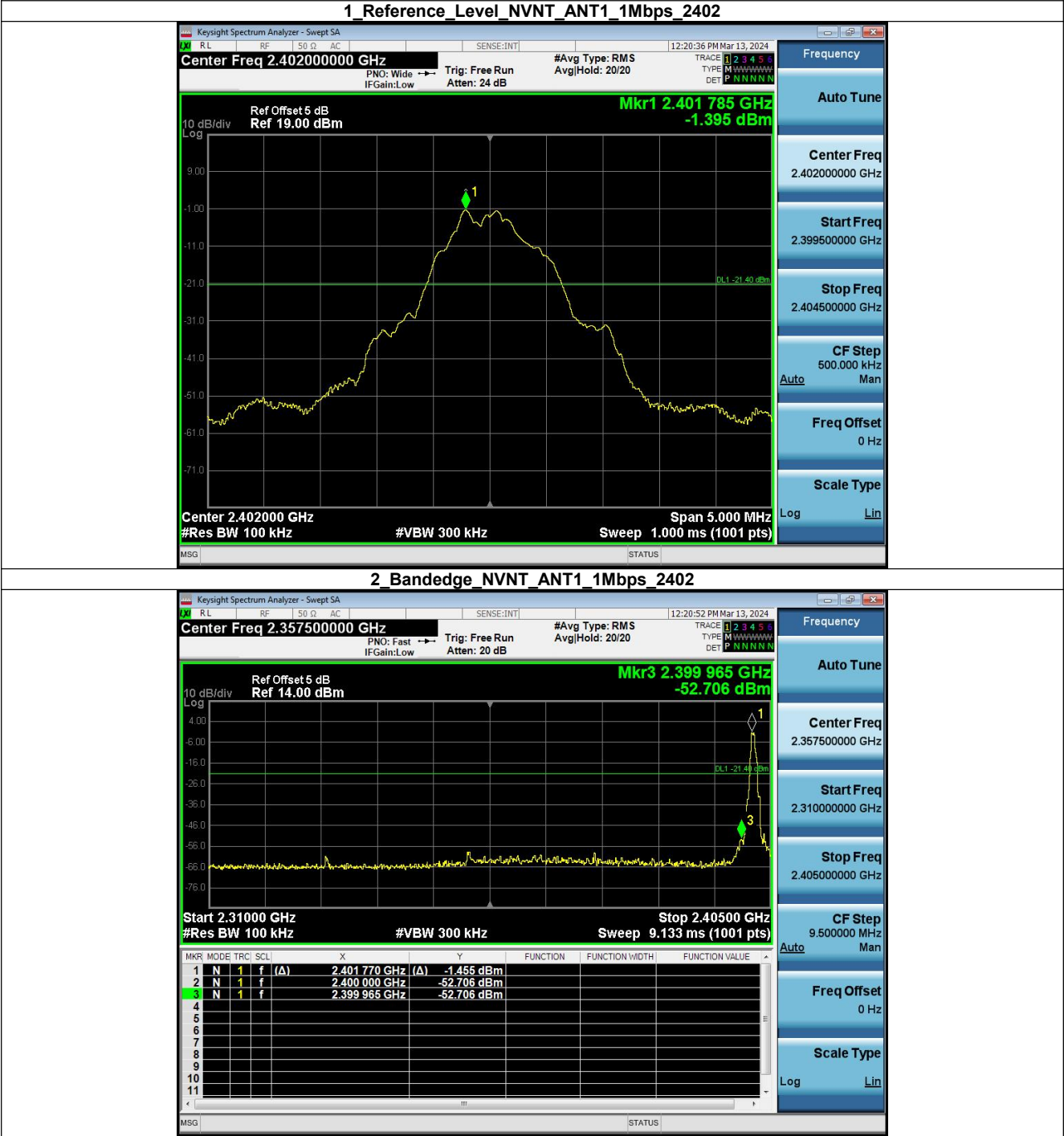


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

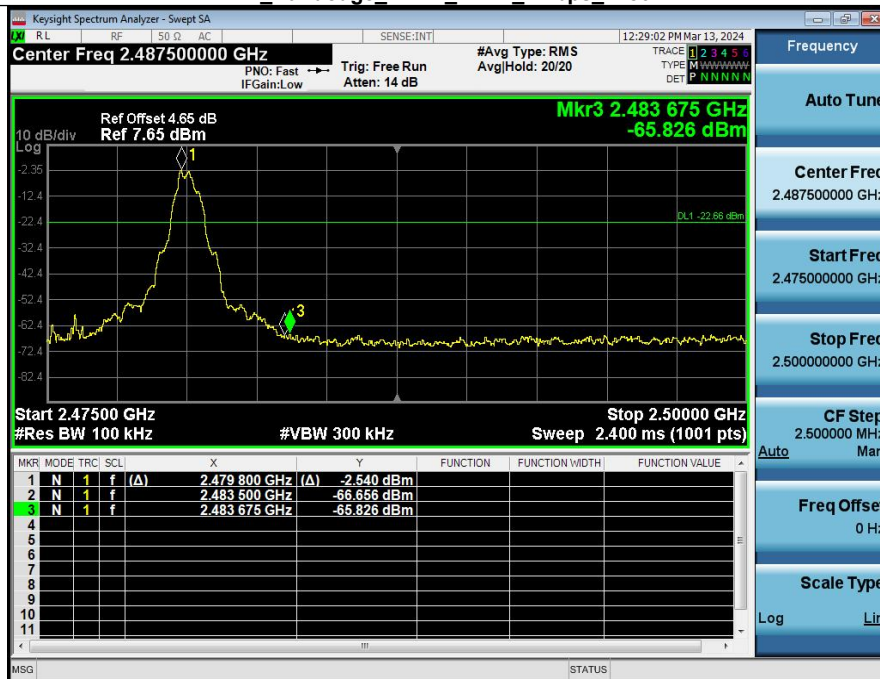
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.965	-52.706	-21.395	Pass
NVNT	ANT1	1Mbps	2480	2483.675	-65.826	-22.656	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

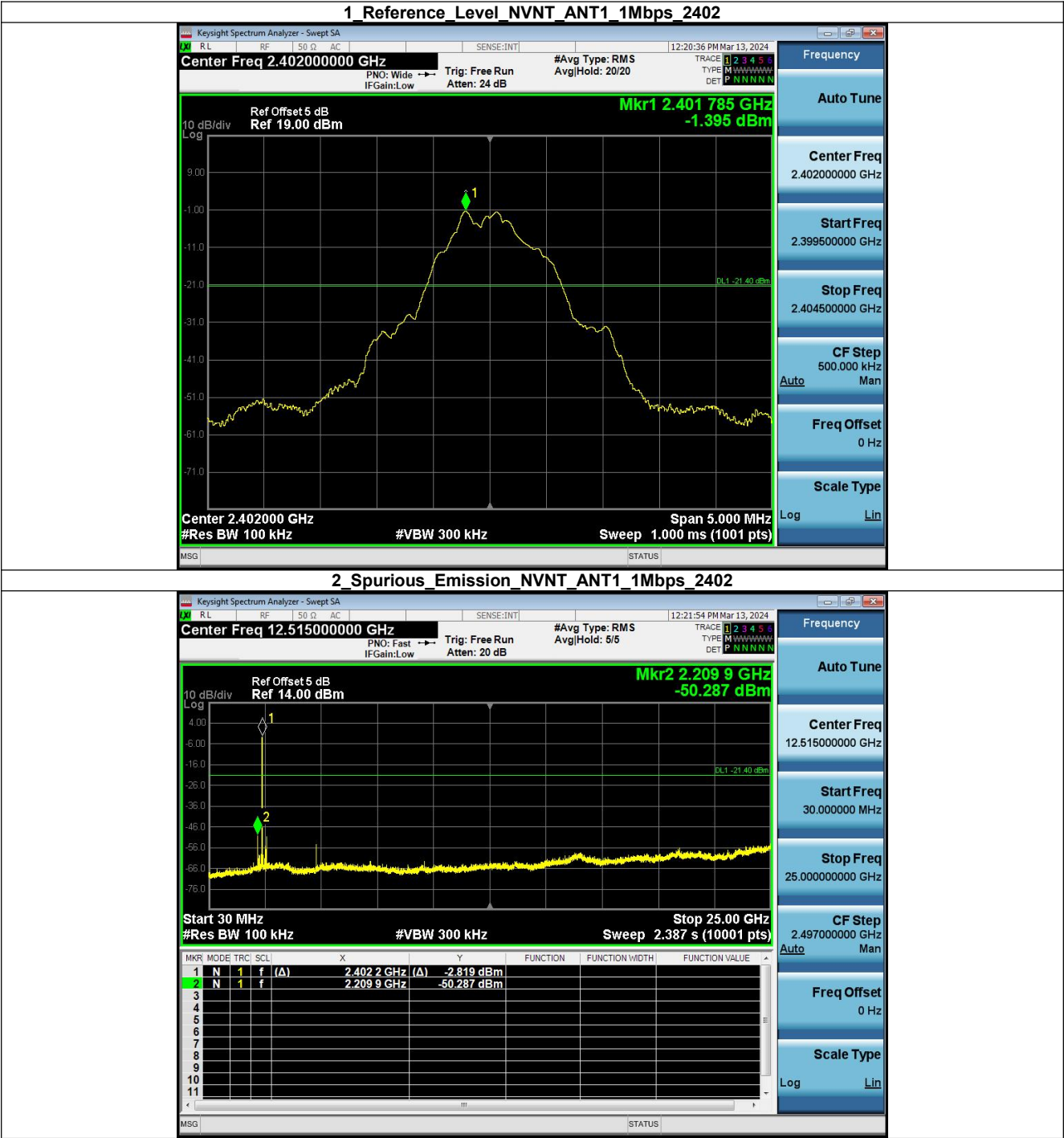


2_Bandedge_NVNT_ANT1_1Mbps_2480



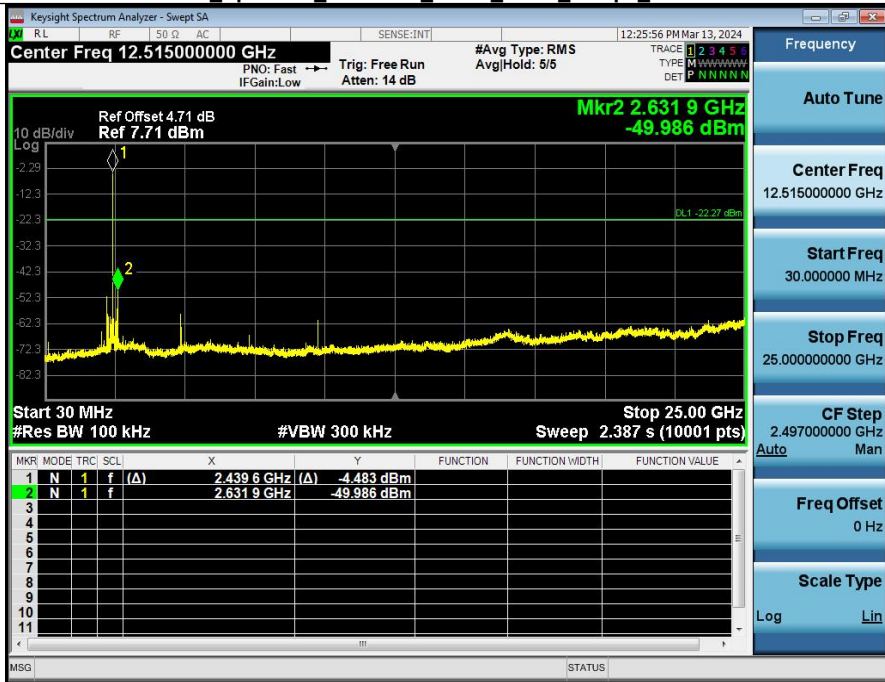
7. Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-50.287	-21.395	Pass
NVNT	ANT1	1Mbps	2440.00	-49.986	-22.272	Pass
NVNT	ANT1	1Mbps	2480	-48.483	-22.656	Pass





2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

