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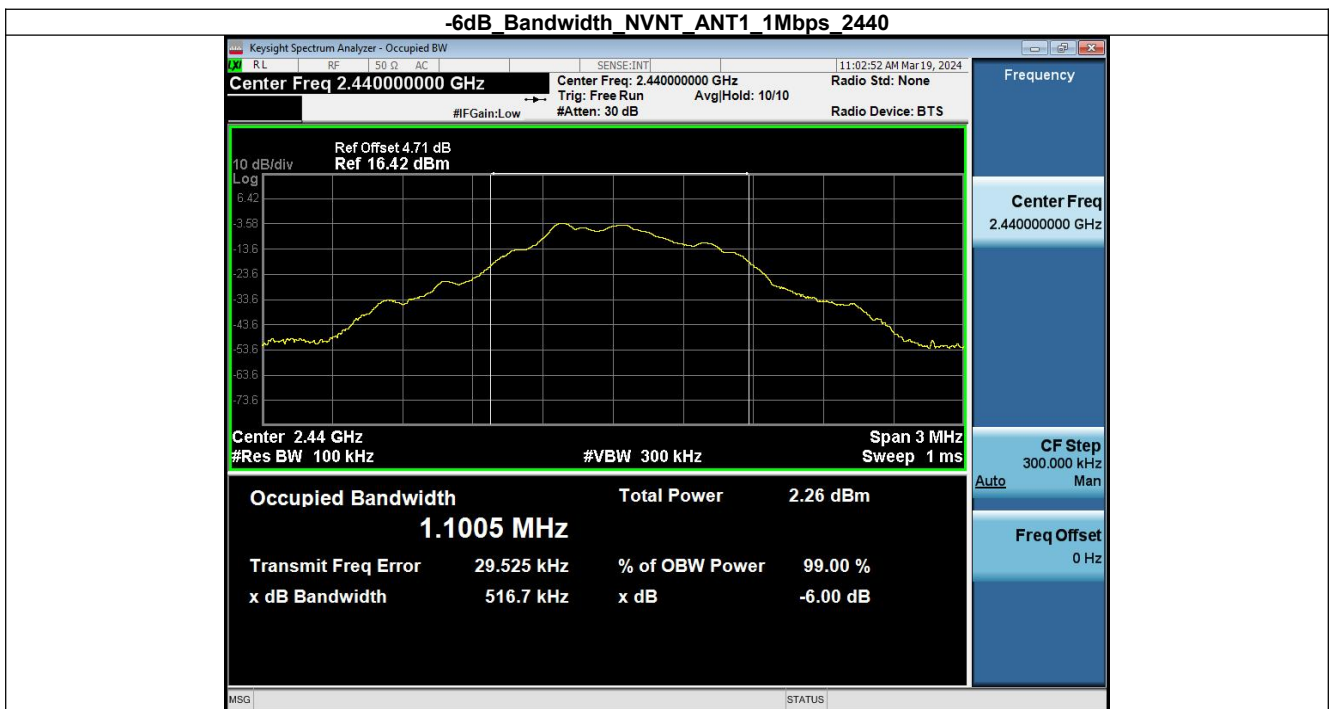
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FCC ID BLE

FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	505.54	500	Pass
NVNT	ANT1	1Mbps	2440.00	516.71	500	Pass
NVNT	ANT1	1Mbps	2480	528.91	500	Pass

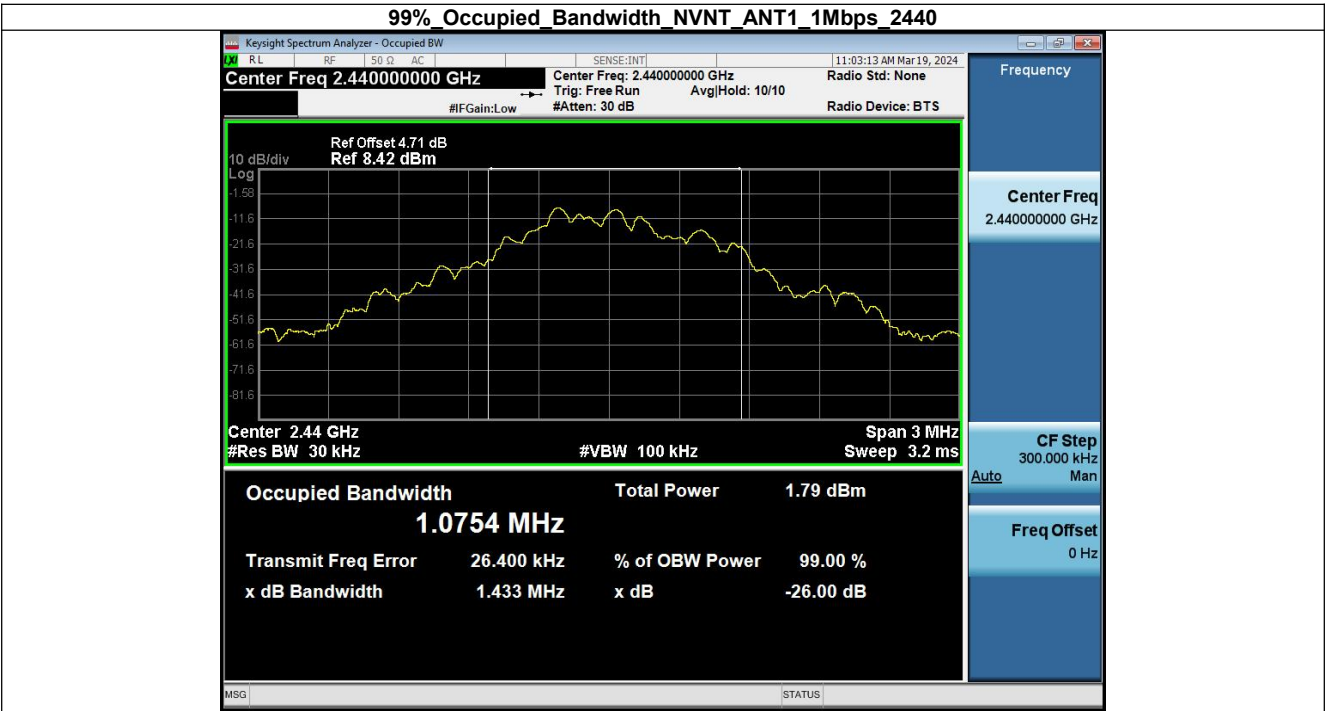


-6dB Bandwidth NVNT ANT1 1Mbps 2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.052
NVNT	ANT1	1Mbps	2440.00	1.075
NVNT	ANT1	1Mbps	2480	1.101

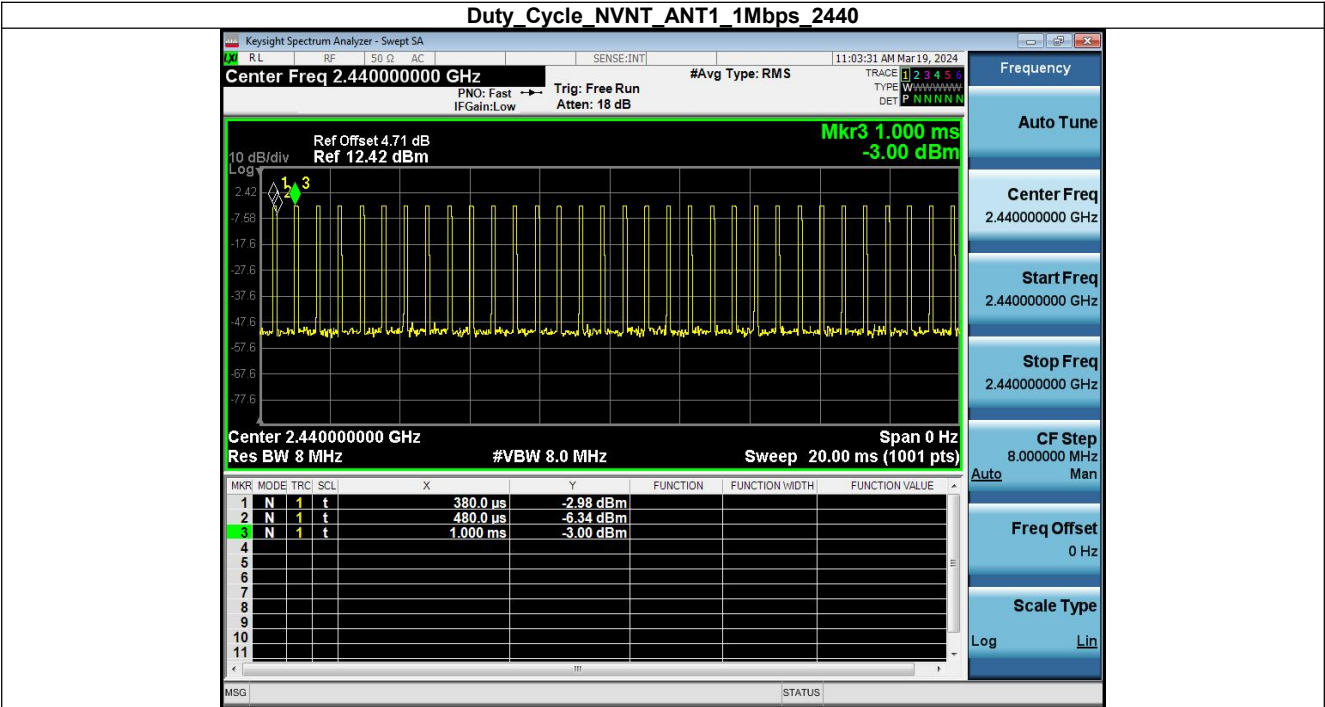
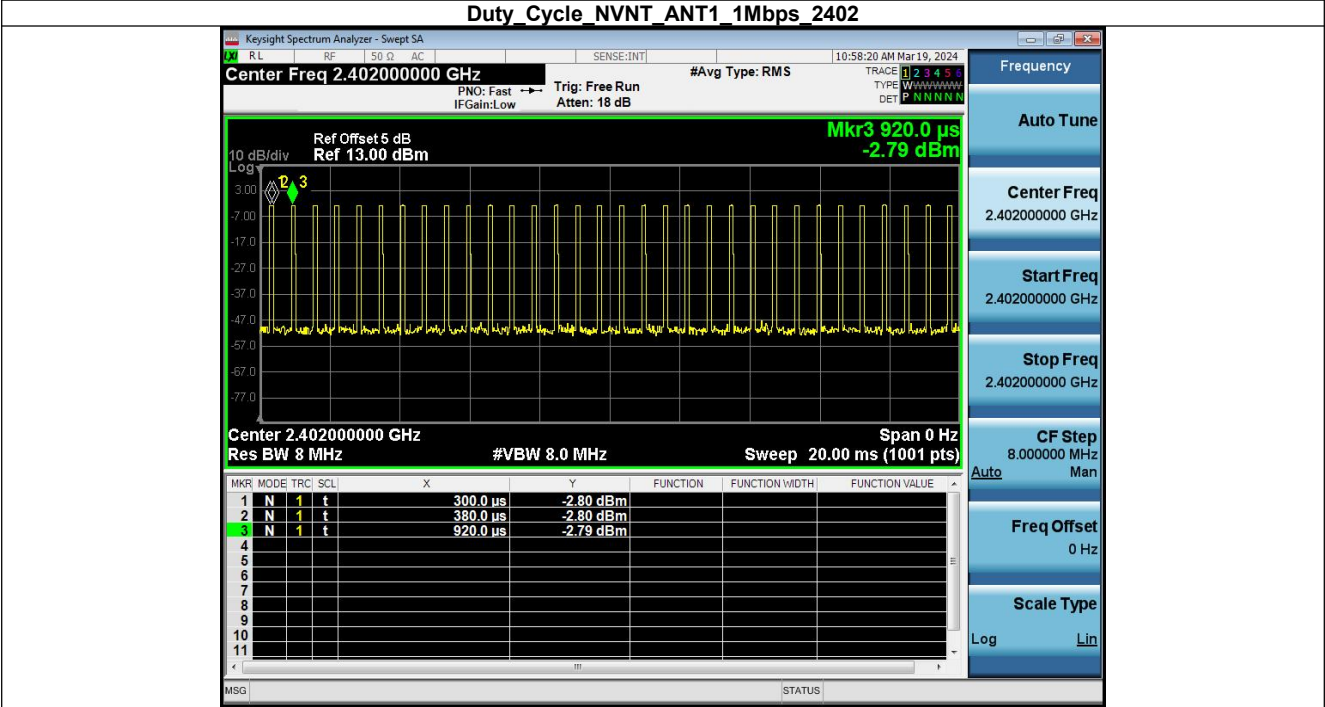


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

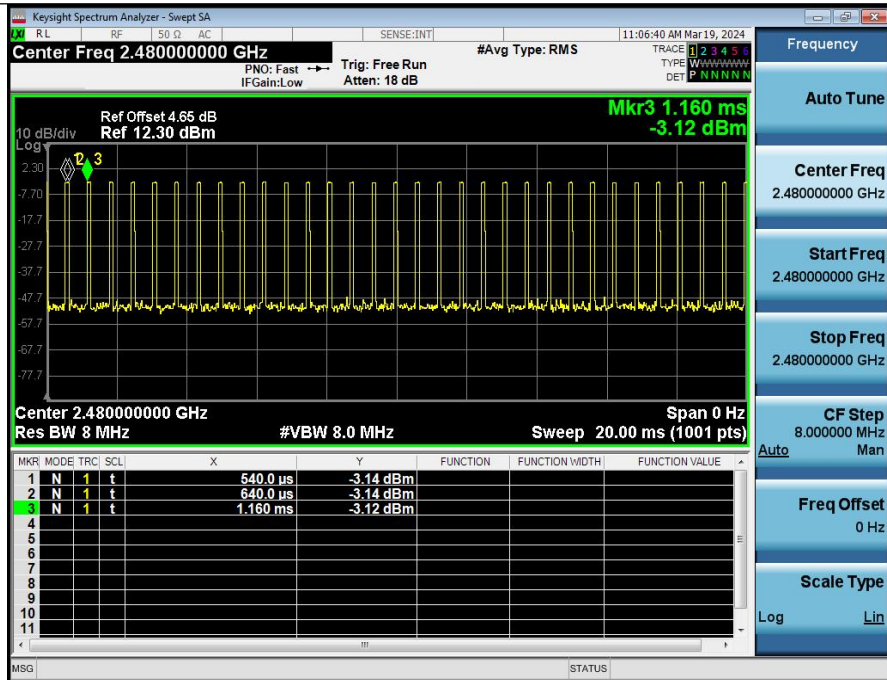


3. Duty Cycle

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

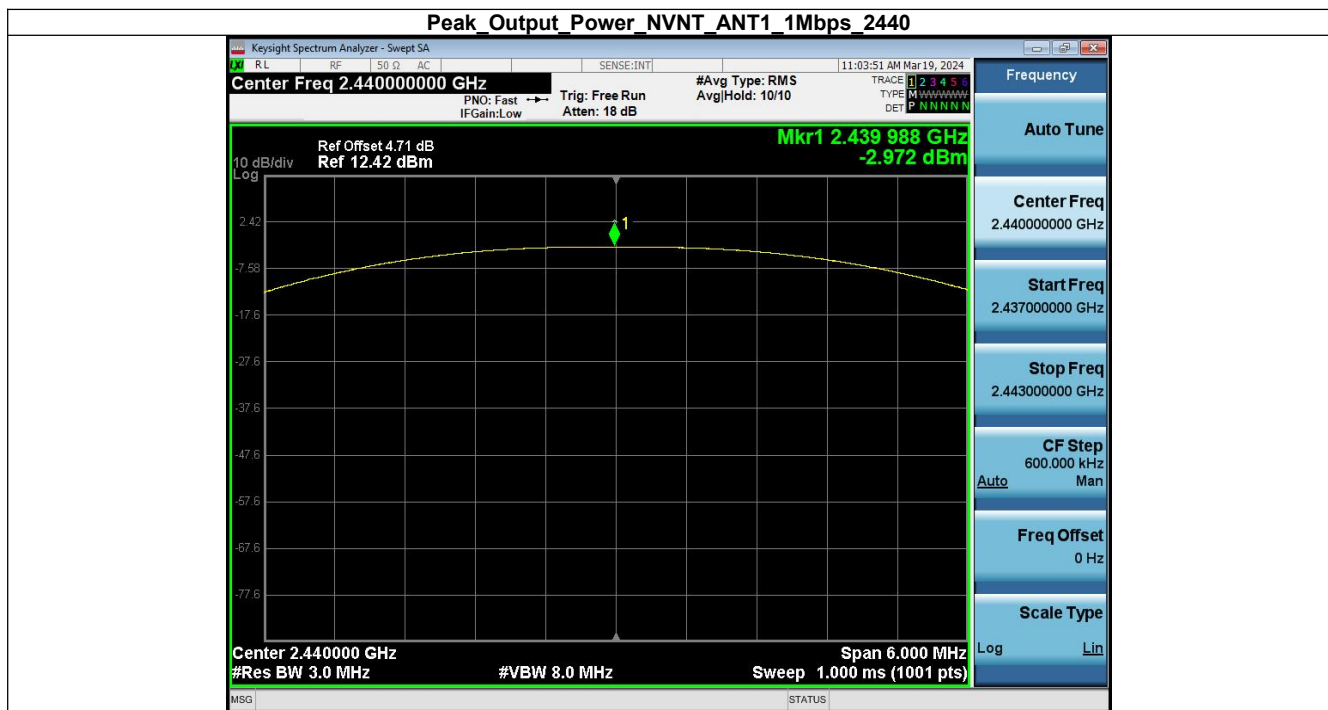
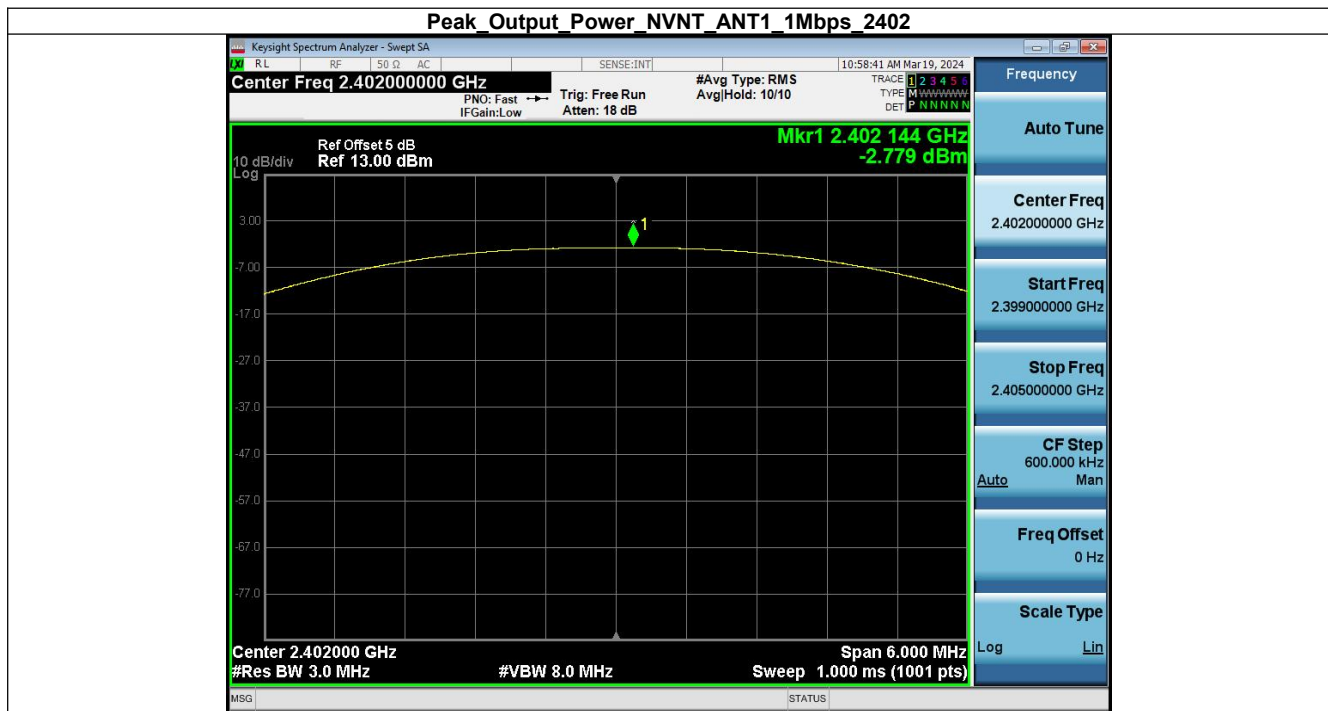


Duty Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power Limit (dBm)	Ant Gain(dBi)	EIRP	EIRPLimit (dBm)	Result
2402	-2.78	30	3.49	0.71	36	Pass
2440.00	-2.97	30	3.49	0.52	36	Pass
2480	-3.11	30	3.49	0.38	36	Pass

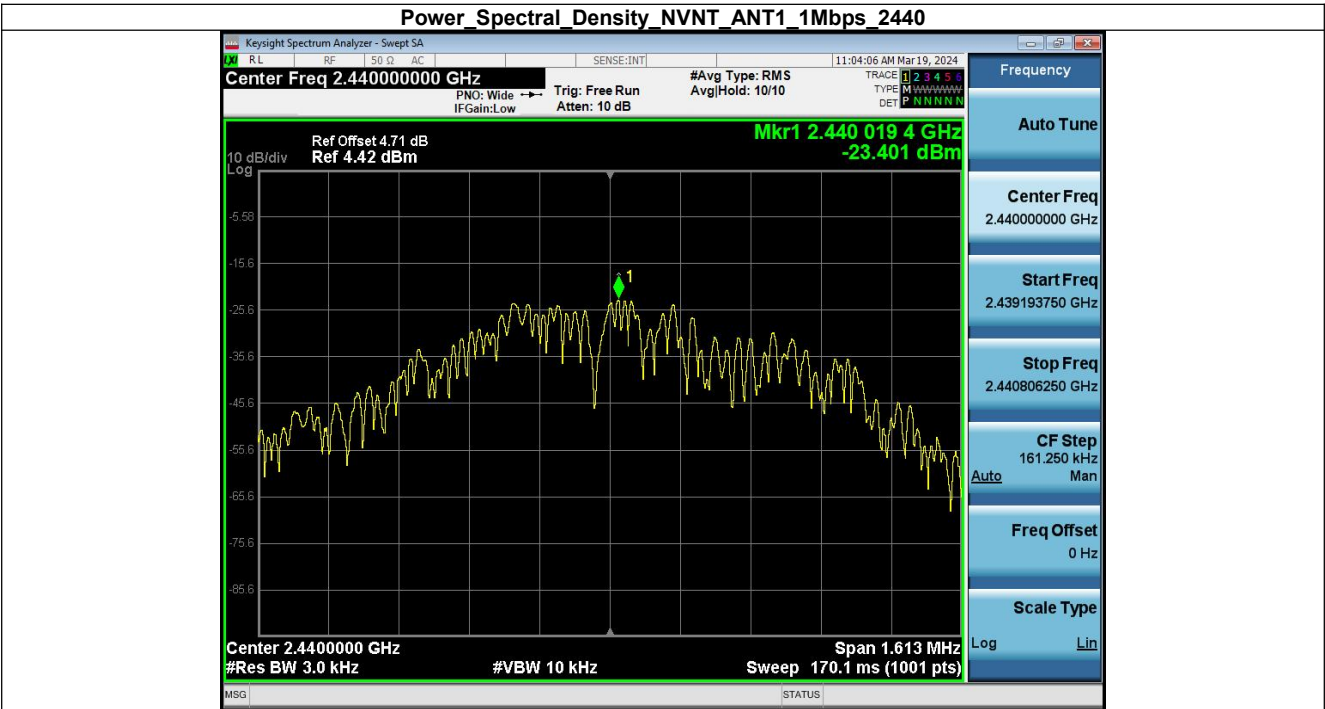
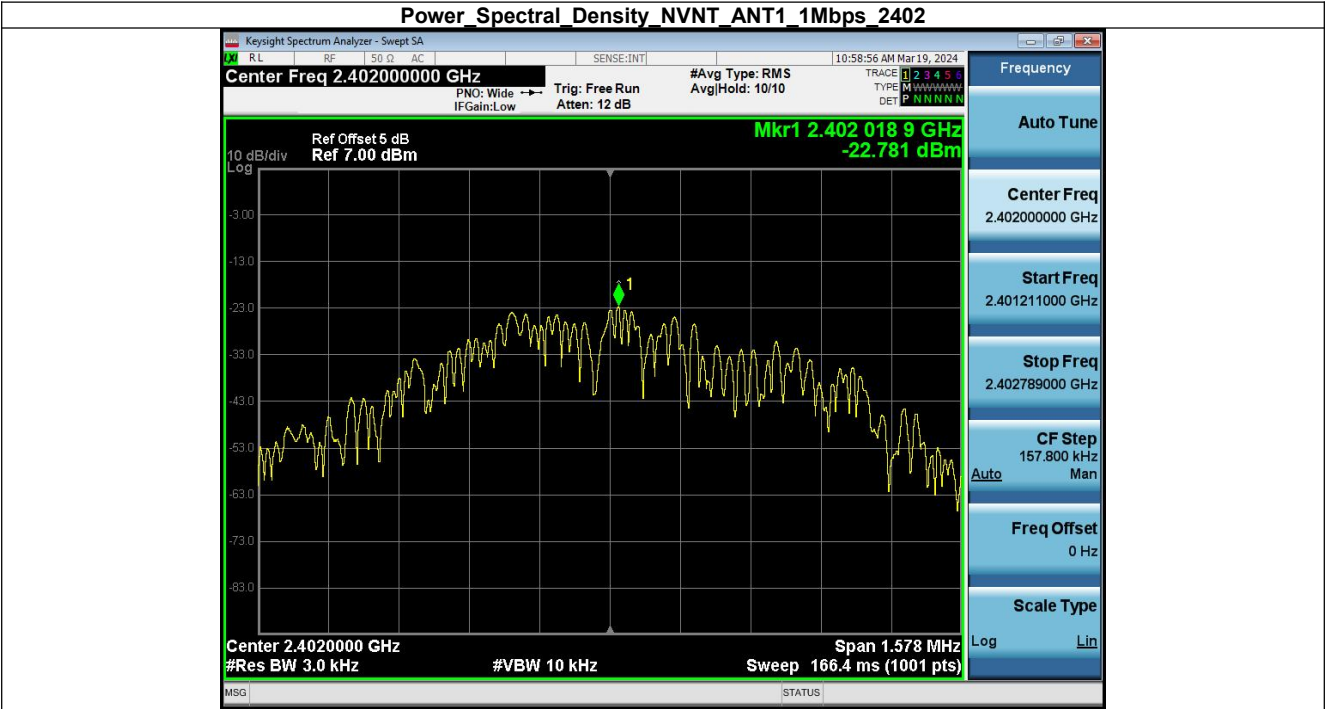


Peak_Output_Power_NVNT_ANT1_1Mbps_2480



5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-22.78	8	Pass
NVNT	ANT1	1Mbps	2440.00	-23.40	8	Pass
NVNT	ANT1	1Mbps	2480	-23.65	8	Pass

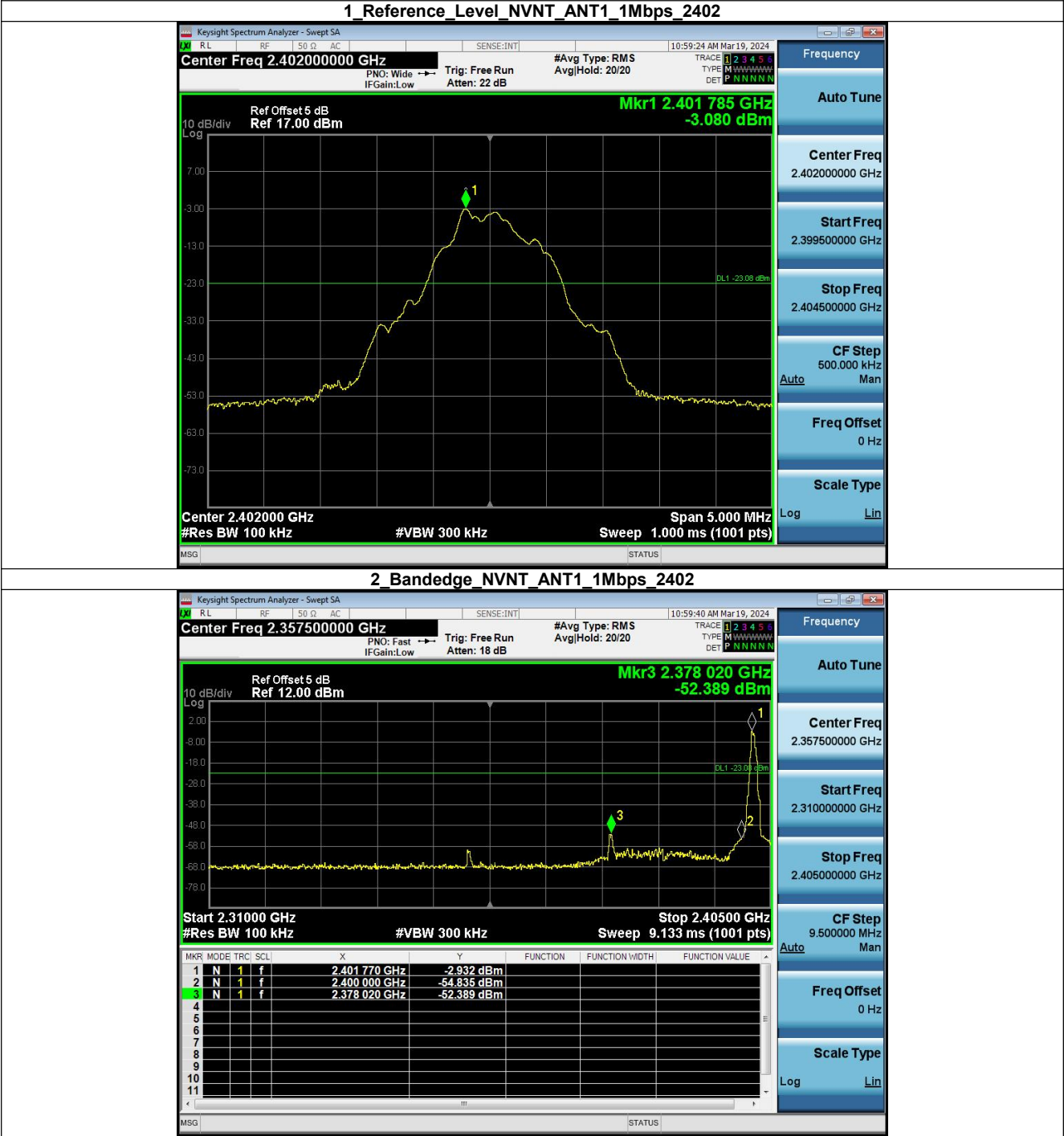


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

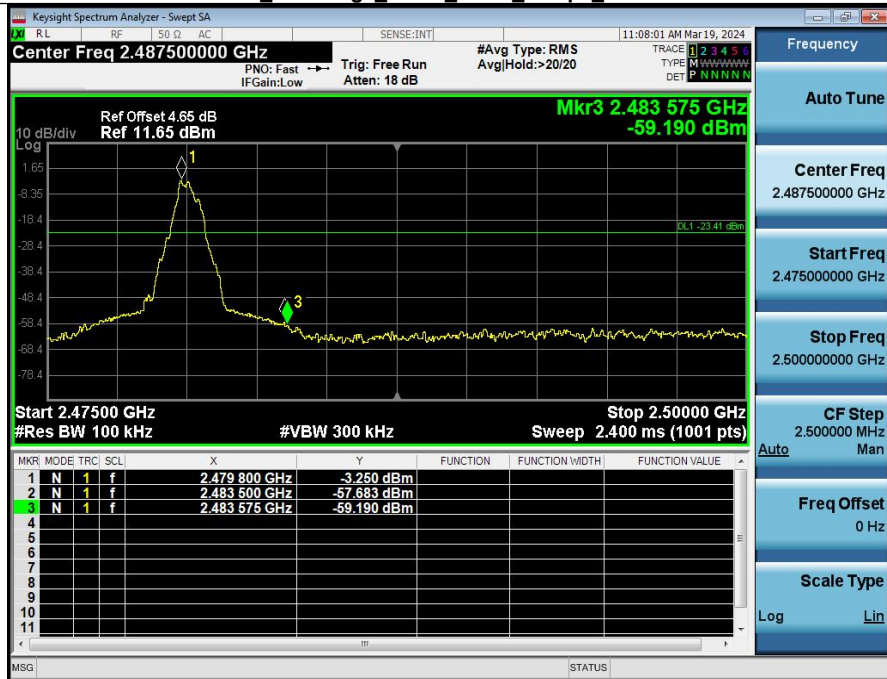
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2378.020	-52.389	-23.080	Pass
NVNT	ANT1	1Mbps	2480	2483.575	-59.190	-23.405	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

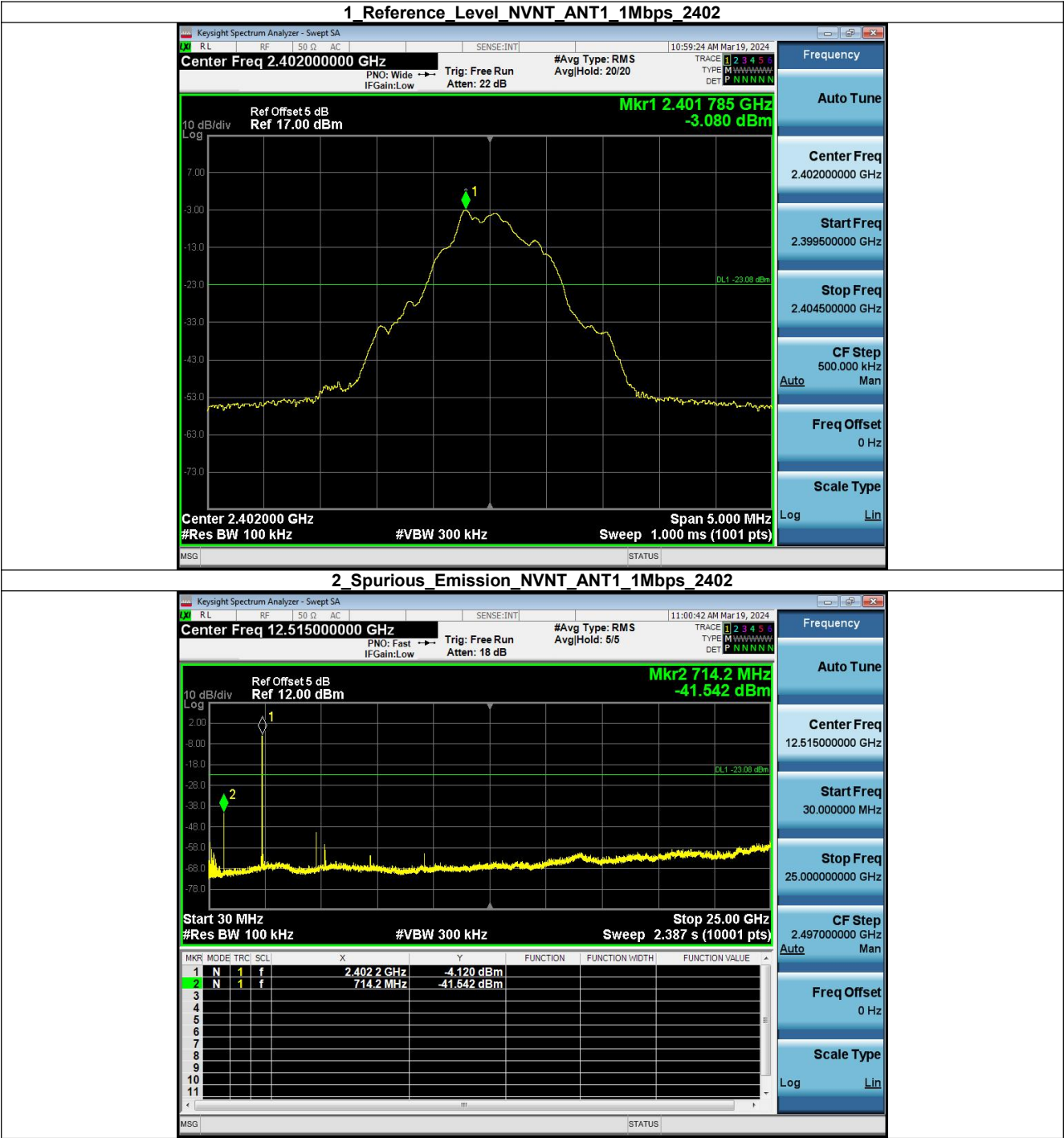


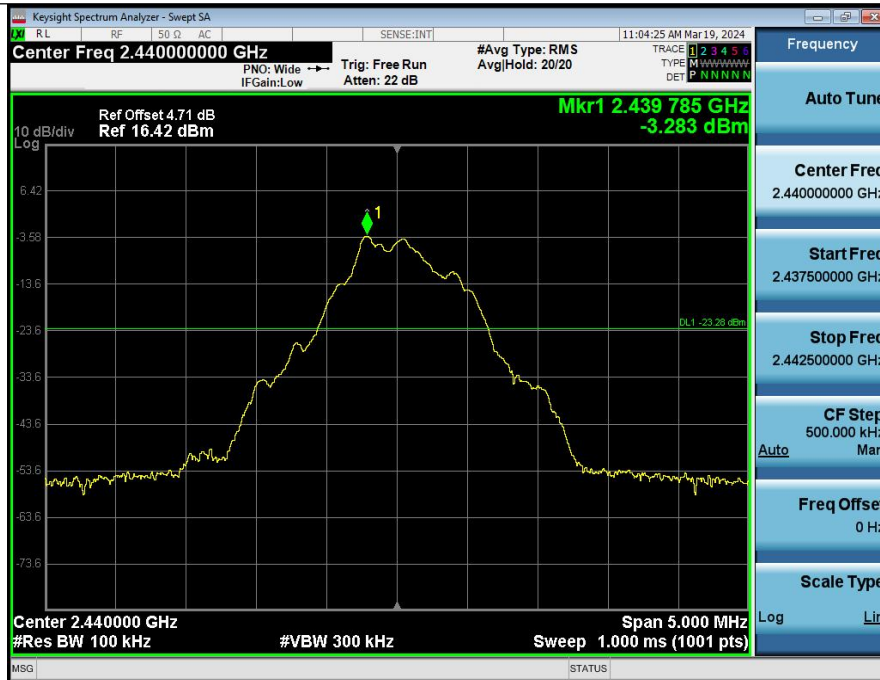
2_Bandedge_NVNT_ANT1_1Mbps_2480



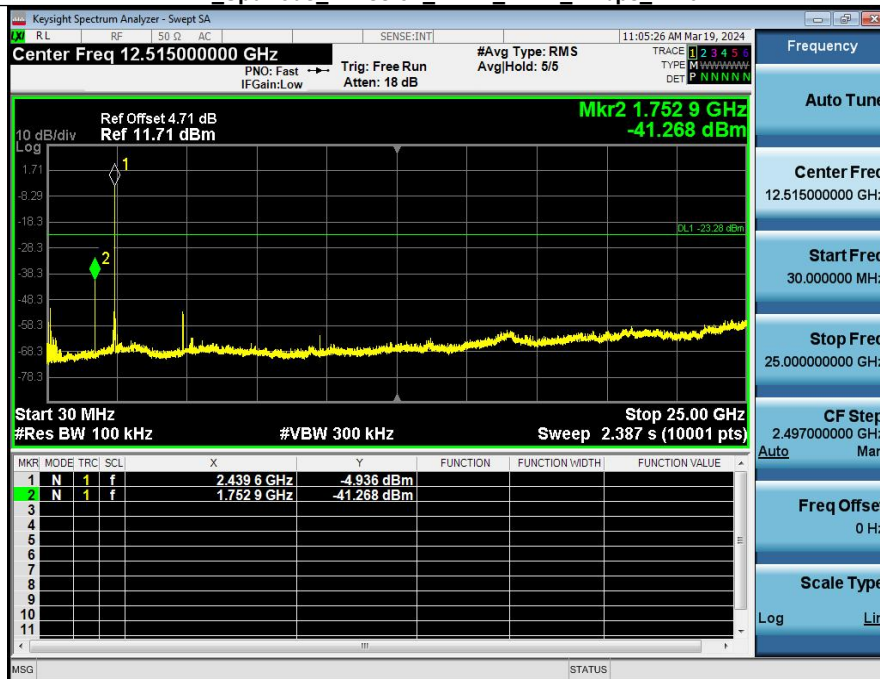
7. Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-41.542	-23.080	Pass
NVNT	ANT1	1Mbps	2440.00	-41.268	-23.283	Pass
NVNT	ANT1	1Mbps	2480	-50.617	-23.405	Pass





2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

