

NCT26020396X FCC ID RF2.4g
FCC_ (Part15.247) Test Data
FCC ID: 2BV77-CMS1003

Table of Contents

1. -6dB Bandwidth	2
2. 99% Occupied Bandwidth	4
3. Duty Cycle	6
4. Peak Output Power	8
5. Power Spectral Density	10
6. Bandedge	12
7. Spurious Emission	14

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	2Mbps	2405.00	1685.65	500	Pass
NVNT	ANT1	2Mbps	2451.00	1665.43	500	Pass
NVNT	ANT1	2Mbps	2475.00	1533.36	500	Pass

-6dB Bandwidth_NVNT_ANT1_2Mbps_2405



-6dB Bandwidth_NVNT_ANT1_2Mbps_2451

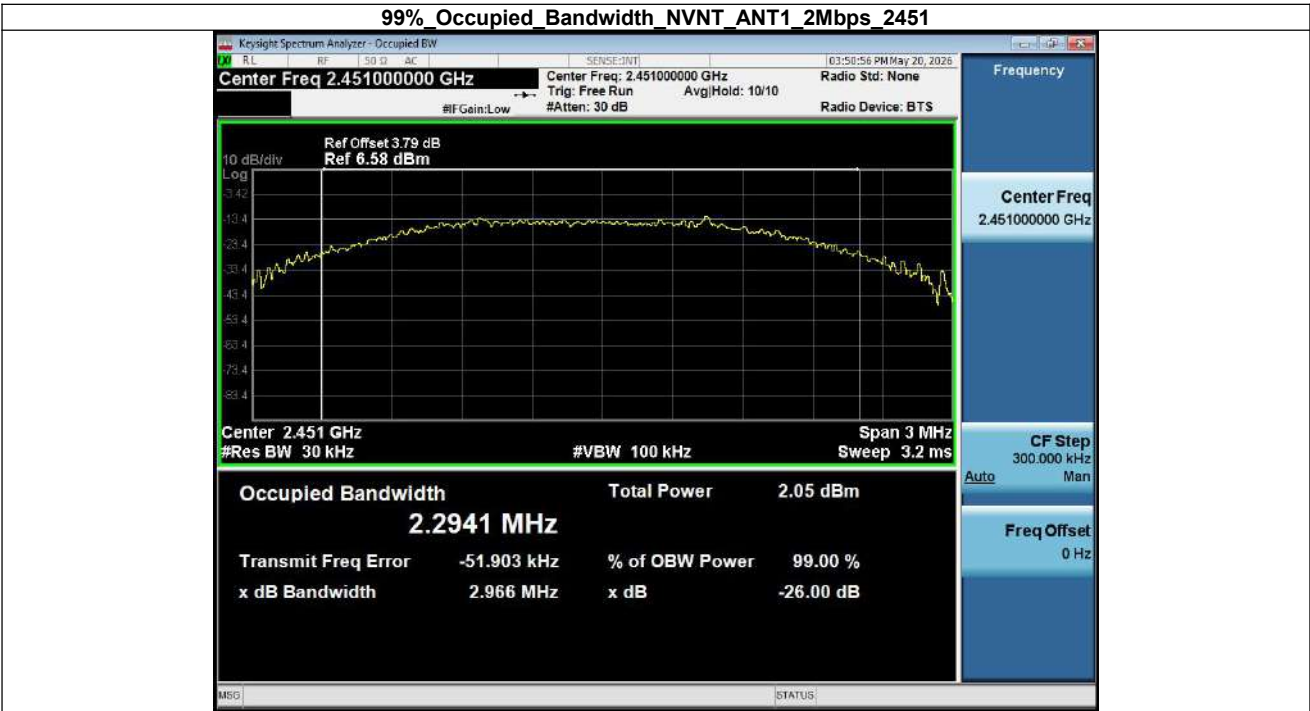


-6dB Bandwidth_NVNT_ANT1_2Mbps_2475



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	2Mbps	2405.00	2.289
NVNT	ANT1	2Mbps	2451.00	2.294
NVNT	ANT1	2Mbps	2475.00	2.338

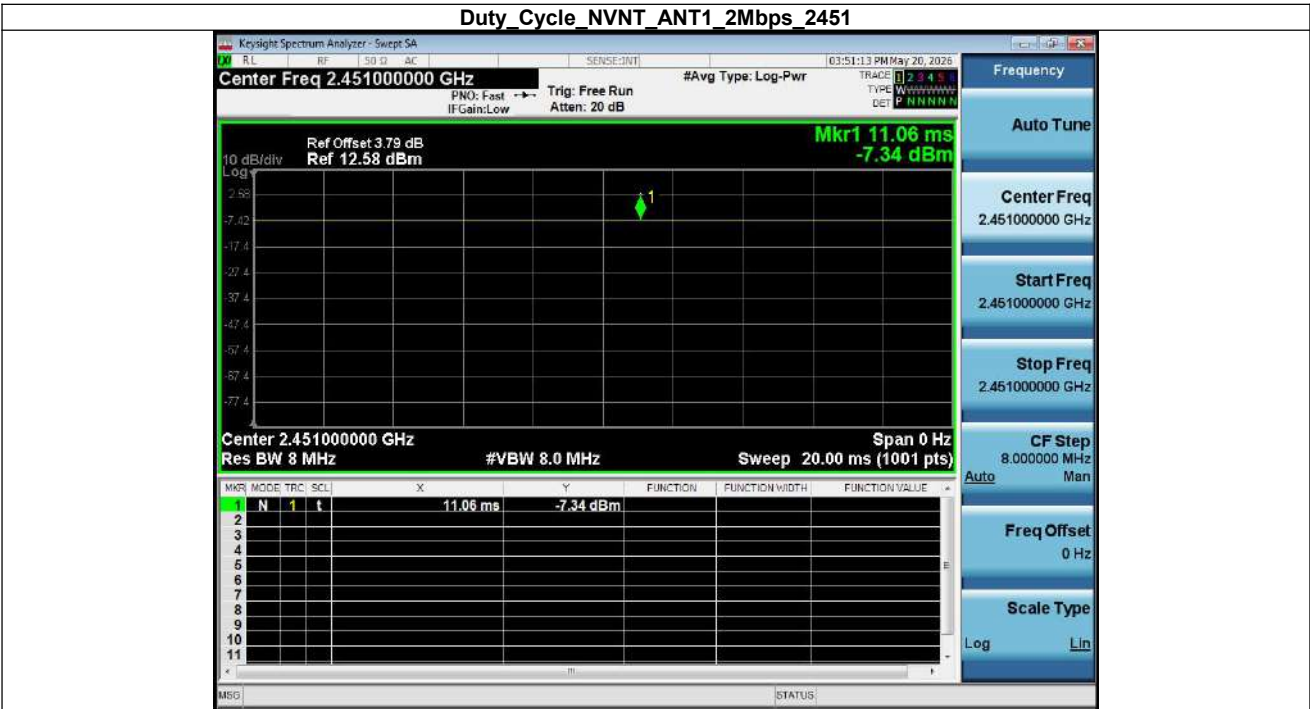


99% Occupied Bandwidth NVNT ANT1 2Mbps 2475



3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	2Mbps	2405.00	100	0.00
NVNT	ANT1	2Mbps	2451.00	100	0.00
NVNT	ANT1	2Mbps	2475.00	100	0.00



Duty_Cycle_NVNT_ANT1_2Mbps_2475



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	2Mbps	2405.00	-6.75	0.21	1000	Pass
NVNT	ANT1	2Mbps	2451.00	-7.49	0.18	1000	Pass
NVNT	ANT1	2Mbps	2475.00	-7.21	0.19	1000	Pass



Peak_Output_Power_NVNT_ANT1_2Mbps_2475



5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	2Mbps	2405.00	-20.22	8	Pass
NVNT	ANT1	2Mbps	2451.00	-20.44	8	Pass
NVNT	ANT1	2Mbps	2475.00	-21.61	8	Pass



Power_Spectral_Density_NVNT_ANT1_2Mbps_2475



6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2Mbps	2405.00	2399.919	-8.753	-50.082	-28.753	Pass
NVNT	ANT1	2Mbps	2475.00	2490.490	-9.039	-57.813	-29.039	Pass

1_Reference_Level_NVNT_ANT1_2Mbps_2405



2_Bandedge_NVNT_ANT1_2Mbps_2405



1_Reference_Level_NVNT_ANT1_2Mbps_2475



2_Bandedge_NVNT_ANT1_2Mbps_2475



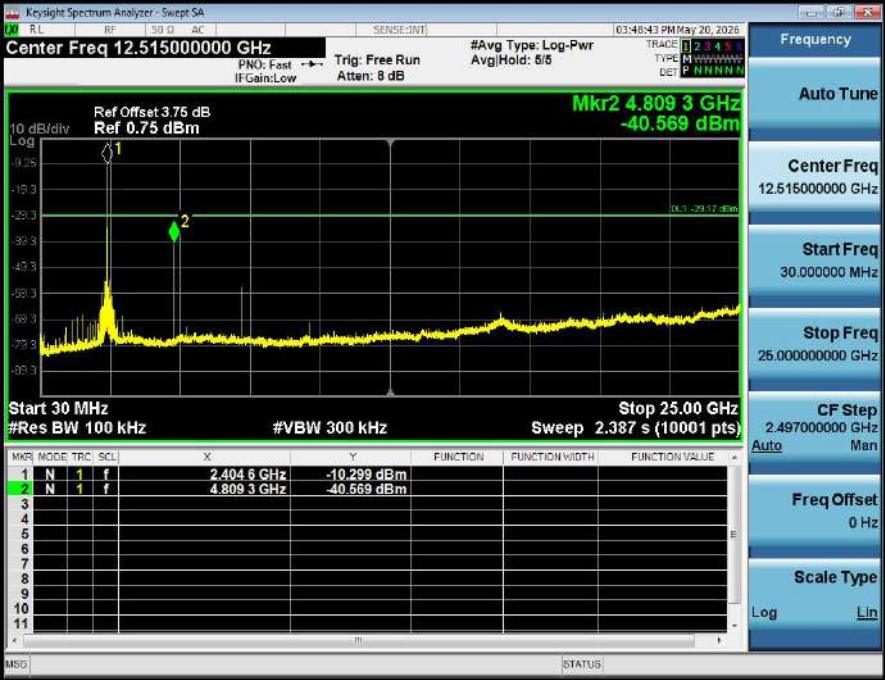
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2Mbps	2405.00	-9.171	-40.569	-29.171	Pass
NVNT	ANT1	2Mbps	2451.00	-8.816	-41.688	-28.816	Pass
NVNT	ANT1	2Mbps	2475.00	-9.617	-37.121	-29.617	Pass

1_Reference_Level_NVNT_ANT1_2Mbps_2405



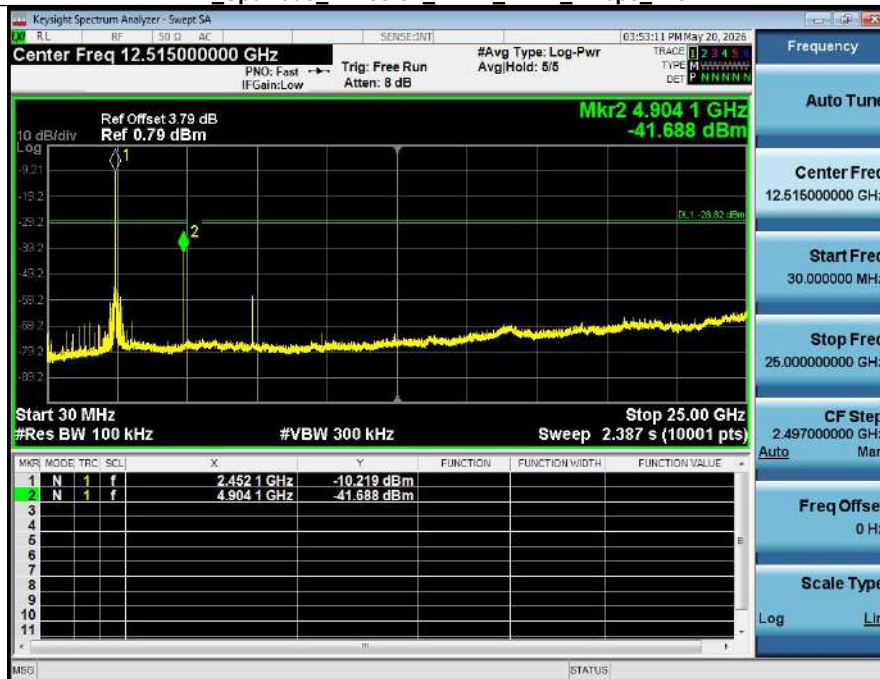
2_Spurious Emission_NVNT_ANT1_2Mbps_2405



1_Reference_Level_NVNT_ANT1_2Mbps_2451



2_Spurious_Emission_NVNT_ANT1_2Mbps_2451



1_Reference_Level_NVNT_ANT1_2Mbps_2475



2_Spurious_Emission_NVNT_ANT1_2Mbps_2475

