

FCC ID: 2BE6N-W750

FCC_BLE (Part15.247) Test Data

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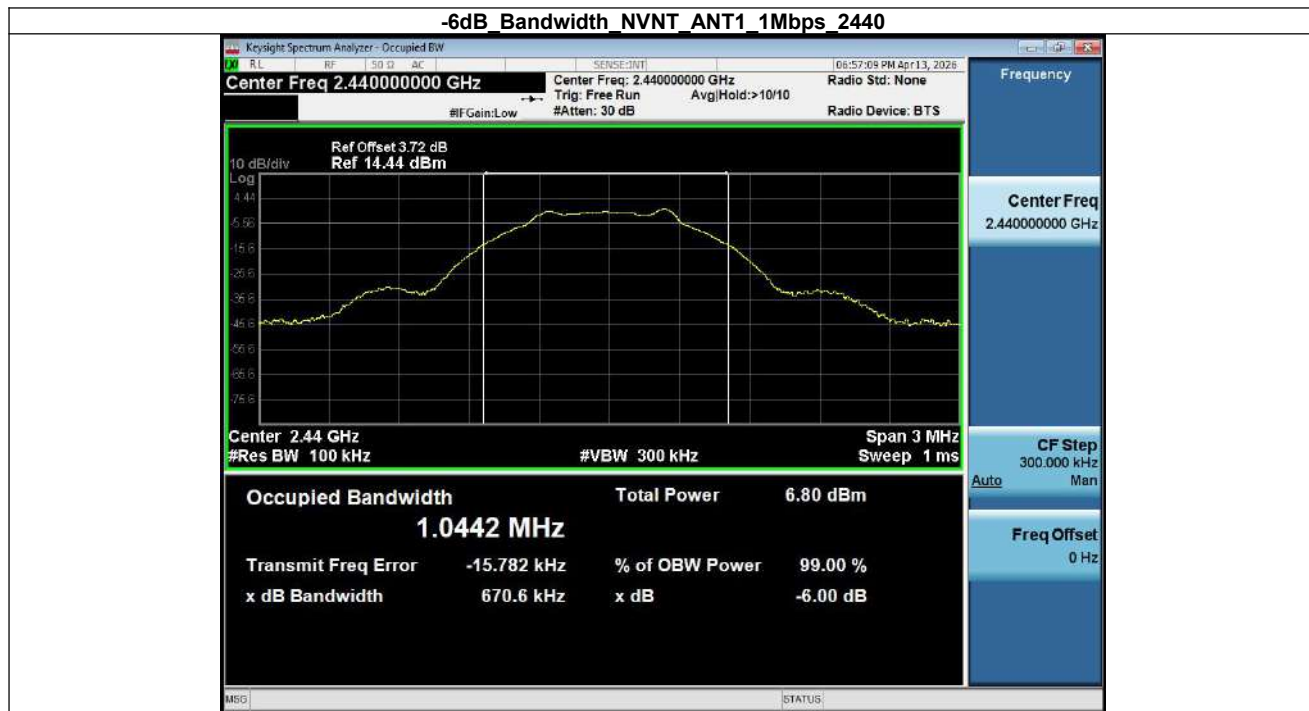
1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	668.79	500	Pass
NVNT	ANT1	1Mbps	2440.00	670.58	500	Pass
NVNT	ANT1	1Mbps	2480.00	668.36	500	Pass
NVNT	ANT1	2Mbps	2402.00	1244.10	500	Pass
NVNT	ANT1	2Mbps	2440.00	1235.50	500	Pass
NVNT	ANT1	2Mbps	2480.00	1245.95	500	Pass

-6dB_Bandwidth_NVNT_ANT1_1Mbps_2402



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440



-6dB Bandwidth NVNT_ANT1_1Mbps_2480



-6dB Bandwidth NVNT_ANT1_2Mbps_2402



-6dB Bandwidth NVNT_ANT1_2Mbps_2440



-6dB Bandwidth NVNT_ANT1_2Mbps_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.027
NVNT	ANT1	1Mbps	2440.00	1.030
NVNT	ANT1	1Mbps	2480.00	1.029
NVNT	ANT1	2Mbps	2402.00	2.047
NVNT	ANT1	2Mbps	2440.00	2.052
NVNT	ANT1	2Mbps	2480.00	2.063



99% Occupied Bandwidth NVNT_ANT1_1Mbps_2480



99% Occupied Bandwidth NVNT_ANT1_2Mbps_2402



99% Occupied Bandwidth NVNT_ANT1_2Mbps_2440

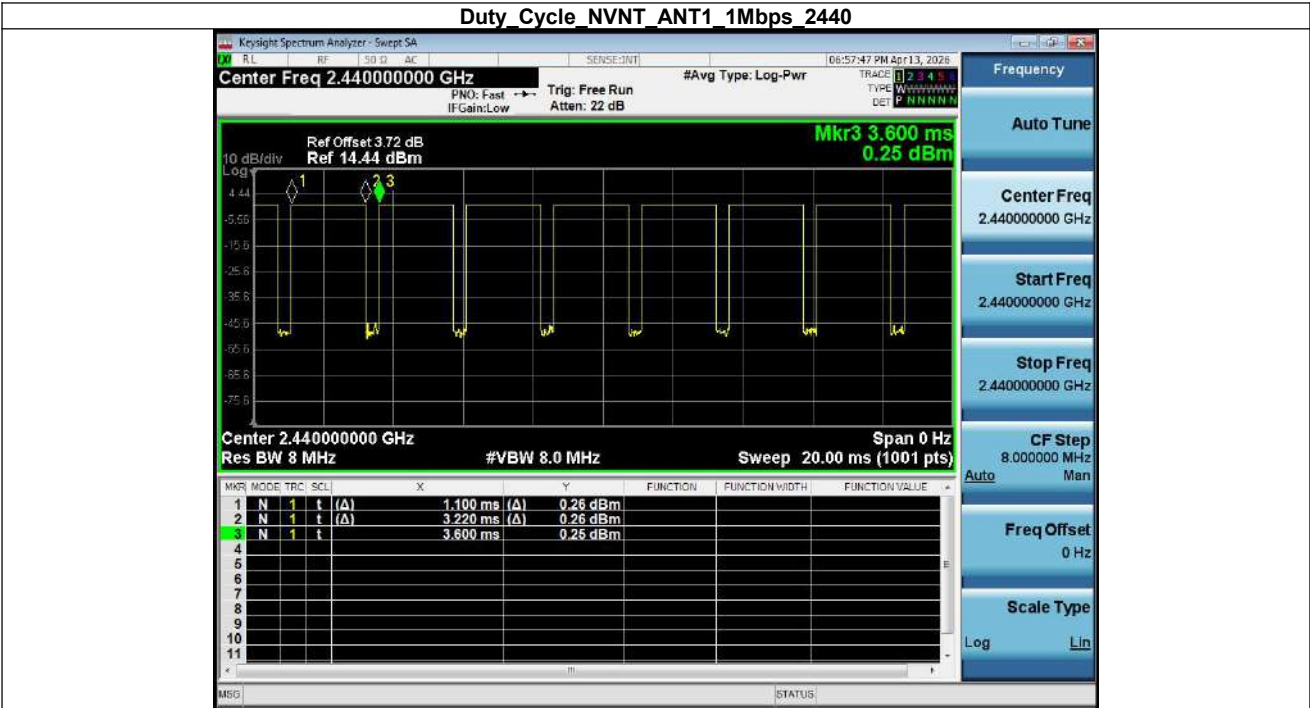
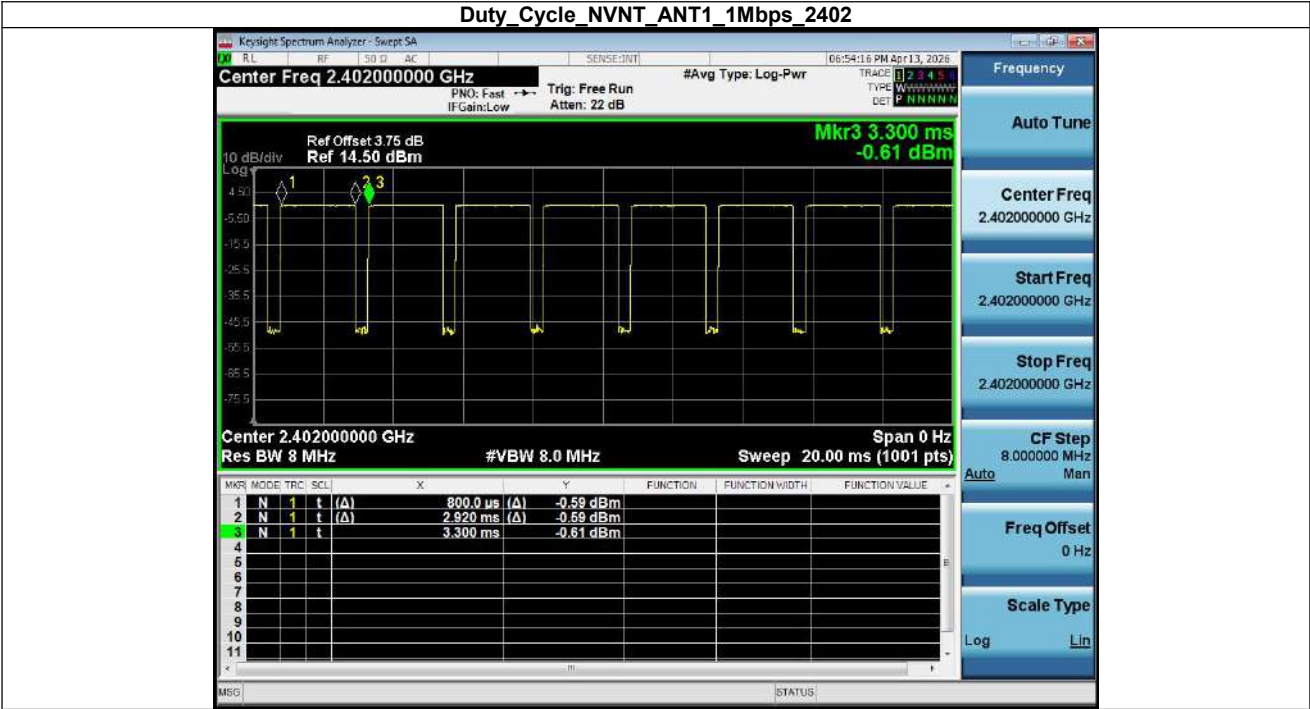


99% Occupied Bandwidth NVNT_ANT1_2Mbps_2480

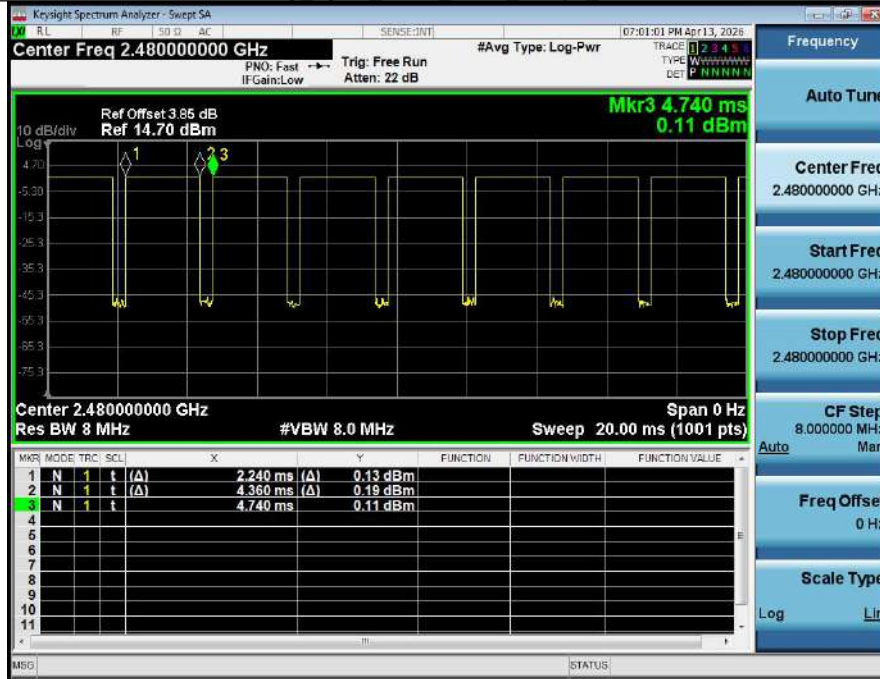


3. Duty Cycle

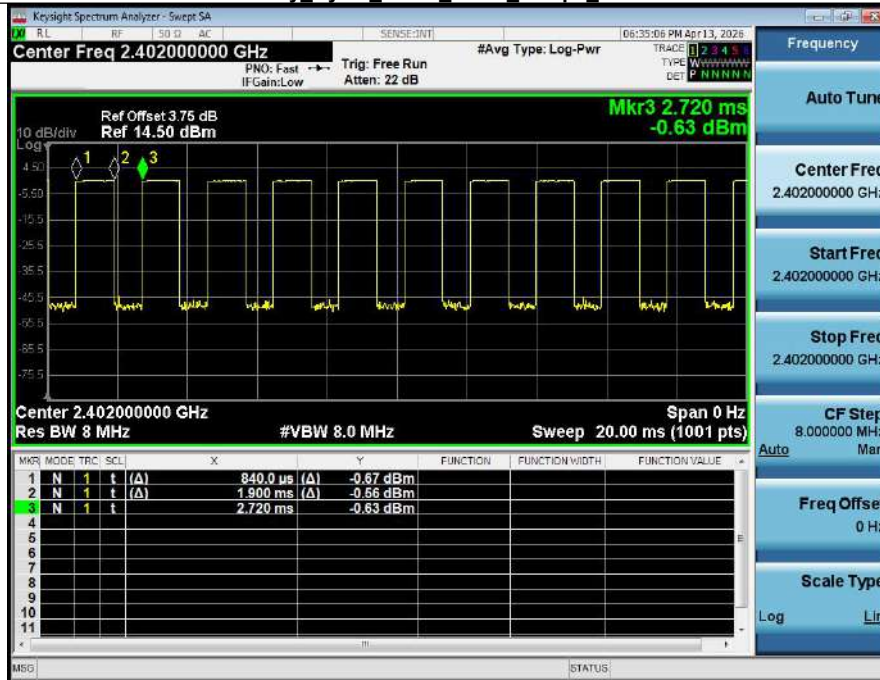
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	85.60	0.68
NVNT	ANT1	1Mbps	2440.00	85.60	0.68
NVNT	ANT1	1Mbps	2480.00	85.60	0.68
NVNT	ANT1	2Mbps	2402.00	57.45	2.41
NVNT	ANT1	2Mbps	2440.00	57.45	2.41
NVNT	ANT1	2Mbps	2480.00	57.45	2.41



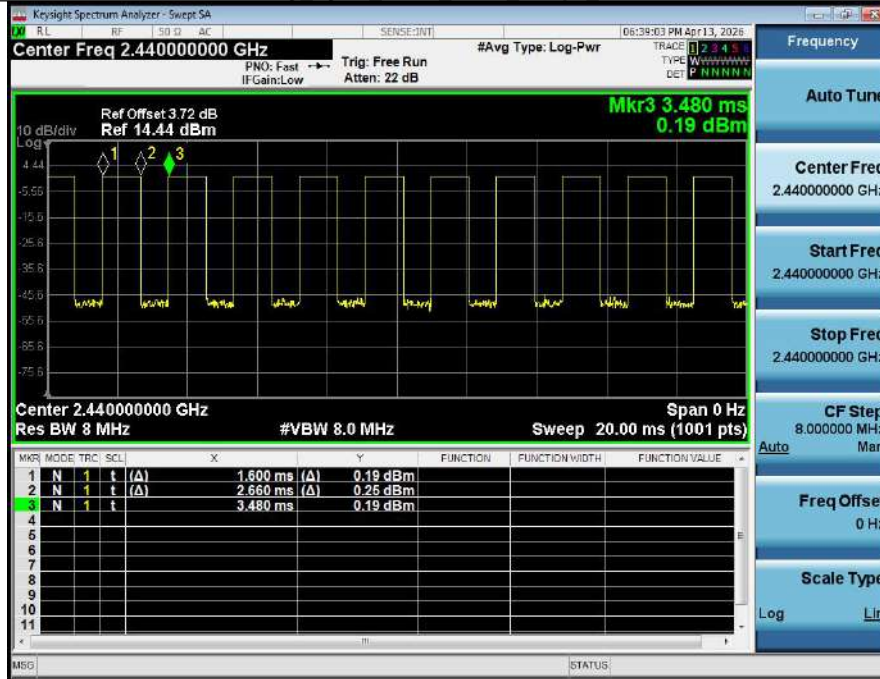
Duty Cycle NVNT_ANT1 1Mbps 2480



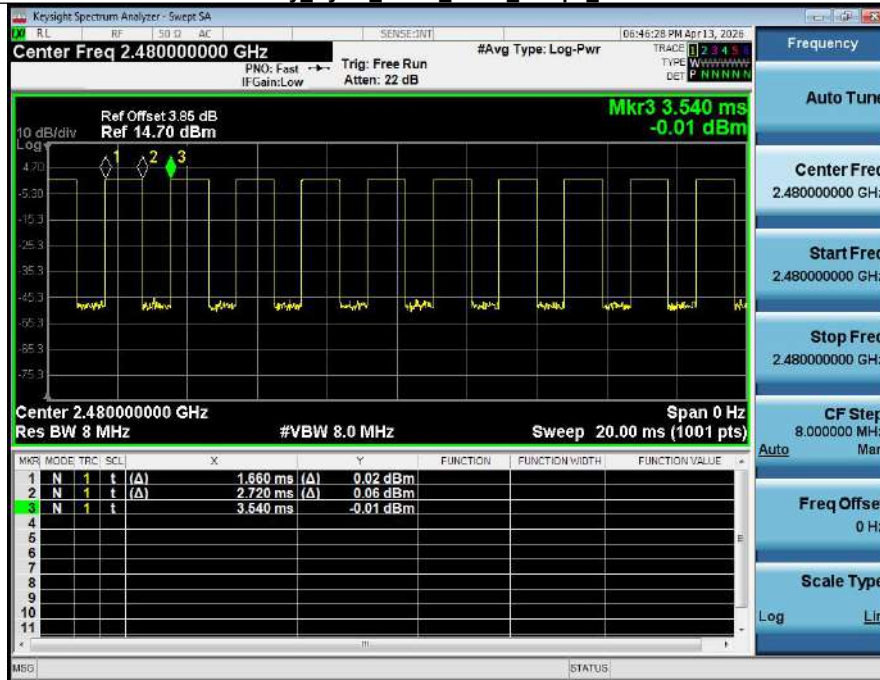
Duty Cycle NVNT_ANT1 2Mbps 2402



Duty Cycle NVNT_ANT1_2Mbps_2440

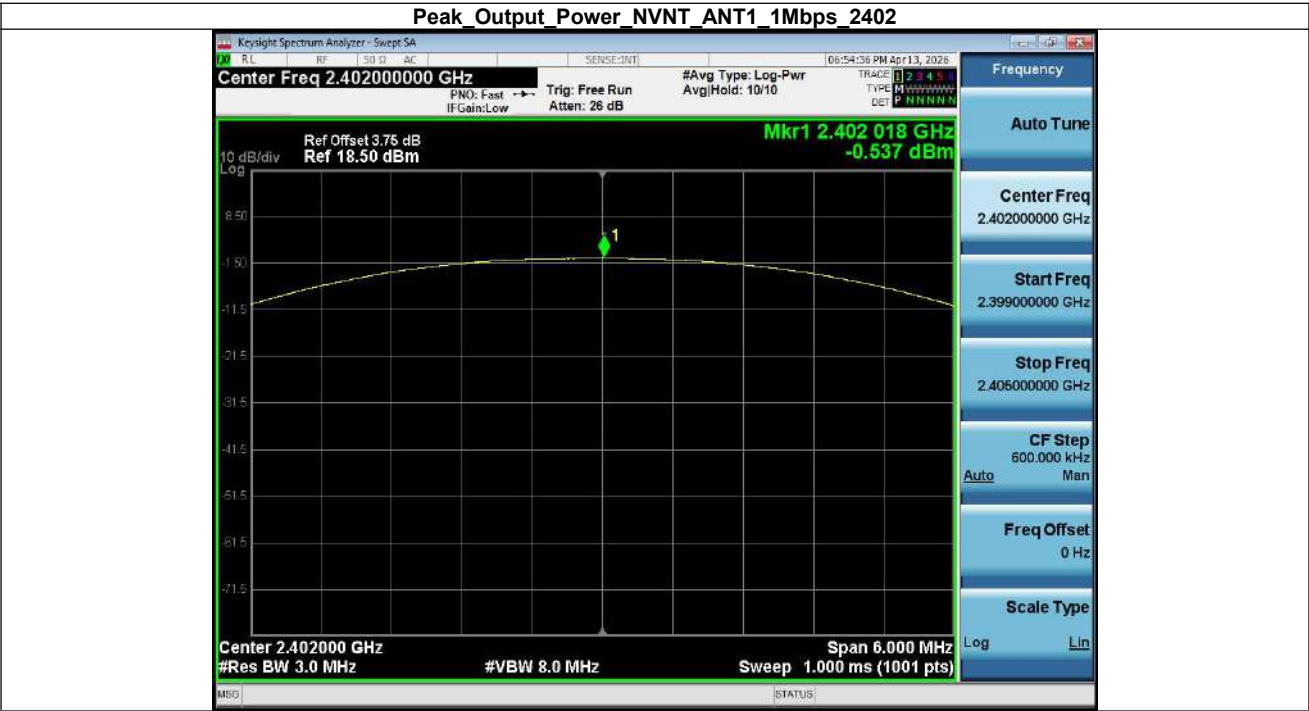


Duty Cycle NVNT_ANT1_2Mbps_2480



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.54	0.88	1000	Pass
NVNT	ANT1	1Mbps	2440.00	0.34	1.08	1000	Pass
NVNT	ANT1	1Mbps	2480.00	0.22	1.05	1000	Pass
NVNT	ANT1	2Mbps	2402.00	-0.64	0.86	1000	Pass
NVNT	ANT1	2Mbps	2440.00	0.24	1.06	1000	Pass
NVNT	ANT1	2Mbps	2480.00	0.09	1.02	1000	Pass



Peak Output Power NVNT ANT1 1Mbps 2480



Peak Output Power NVNT ANT1 2Mbps 2402



Peak Output Power NVNT_ANT1_2Mbps_2440



Peak Output Power NVNT_ANT1_2Mbps_2480



5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-16.74	8	Pass
NVNT	ANT1	1Mbps	2440.00	-15.80	8	Pass
NVNT	ANT1	1Mbps	2480.00	-15.88	8	Pass
NVNT	ANT1	2Mbps	2402.00	-20.28	8	Pass
NVNT	ANT1	2Mbps	2440.00	-19.16	8	Pass
NVNT	ANT1	2Mbps	2480.00	-19.28	8	Pass



Power Spectral Density NVNT ANT1 1Mbps 2480



Power Spectral Density NVNT ANT1 2Mbps 2402



Power Spectral Density NVNT ANT1 2Mbps 2440



Power Spectral Density NVNT ANT1 2Mbps 2480



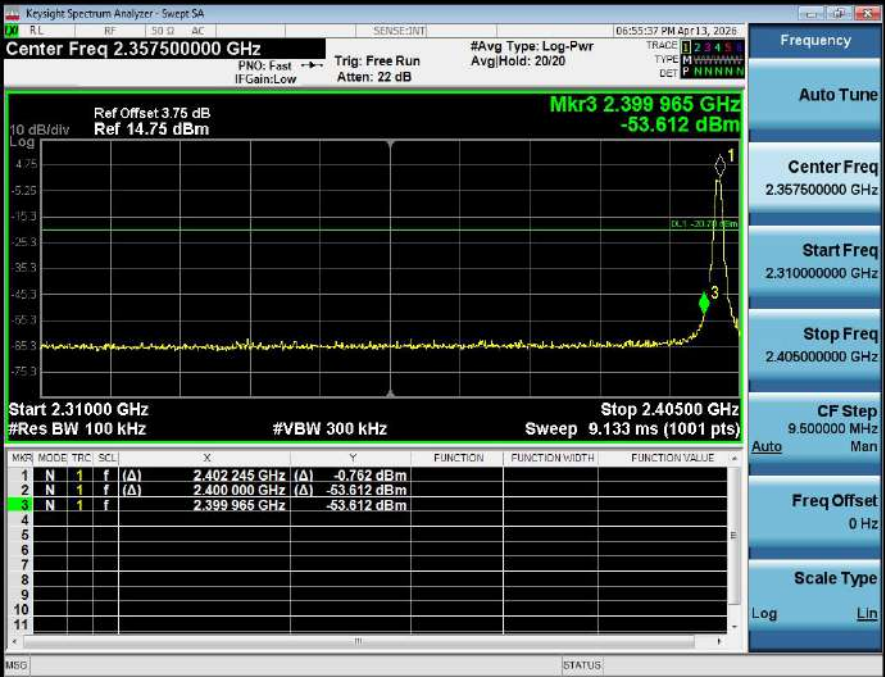
6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-0.778	-53.612	-20.778	Pass
NVNT	ANT1	1Mbps	2480.00	2483.525	0.002	-59.833	-19.998	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	-1.824	-33.567	-21.824	Pass
NVNT	ANT1	2Mbps	2480.00	2483.525	-1.103	-57.972	-21.103	Pass

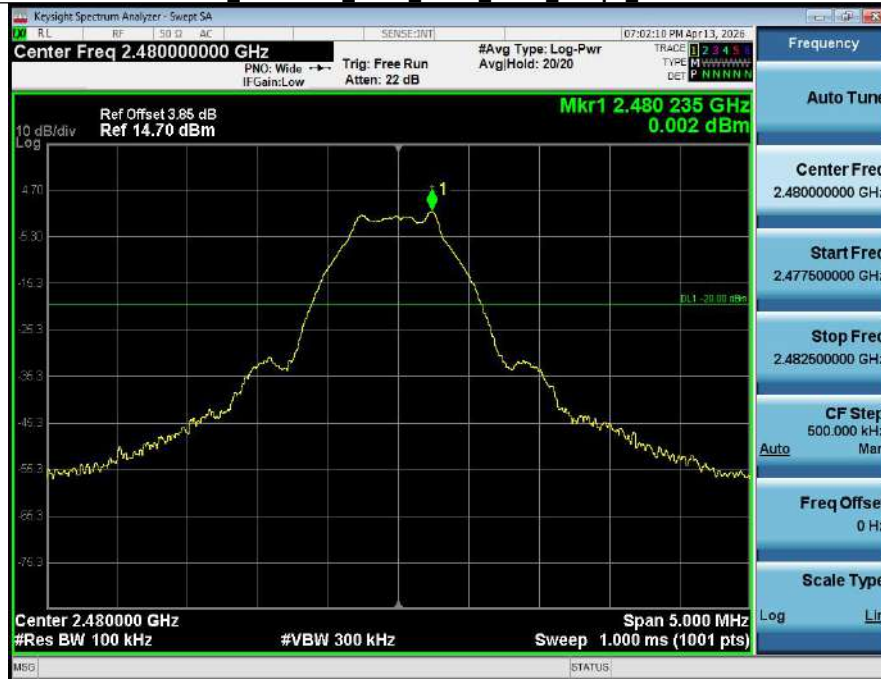
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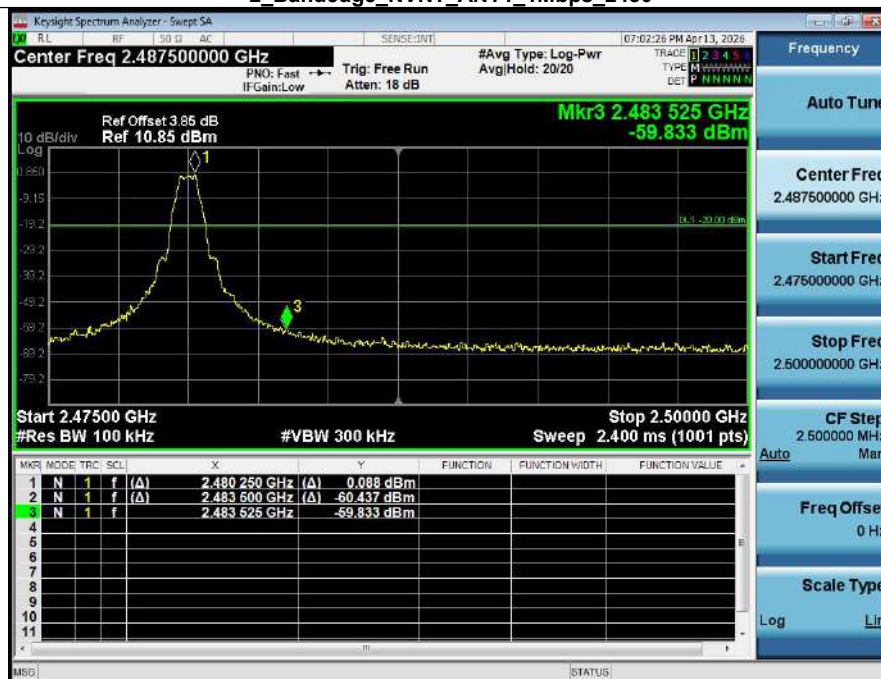
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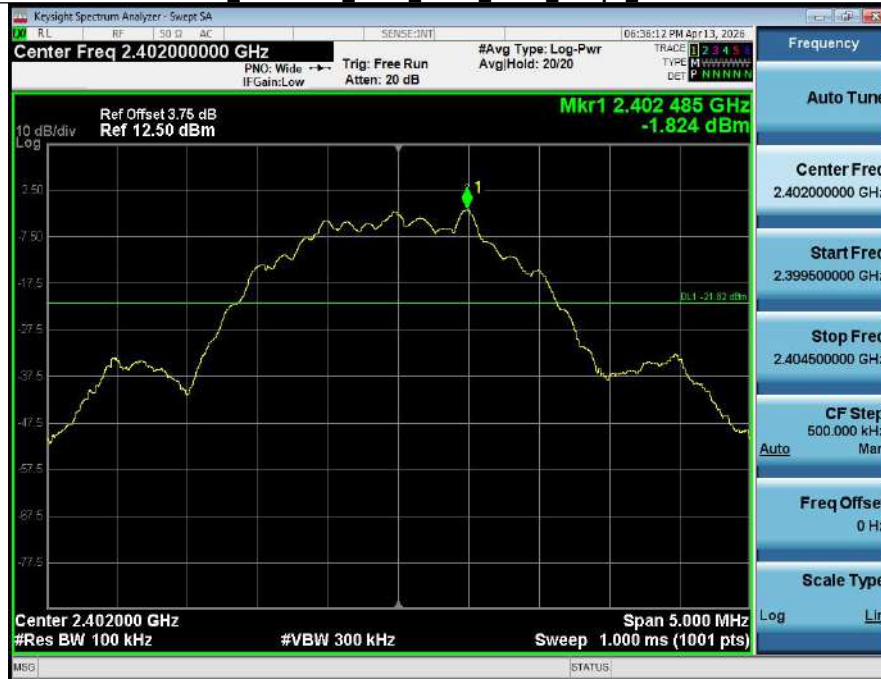
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2 Bandedge_NVNT_ANT1_1Mbps_2480



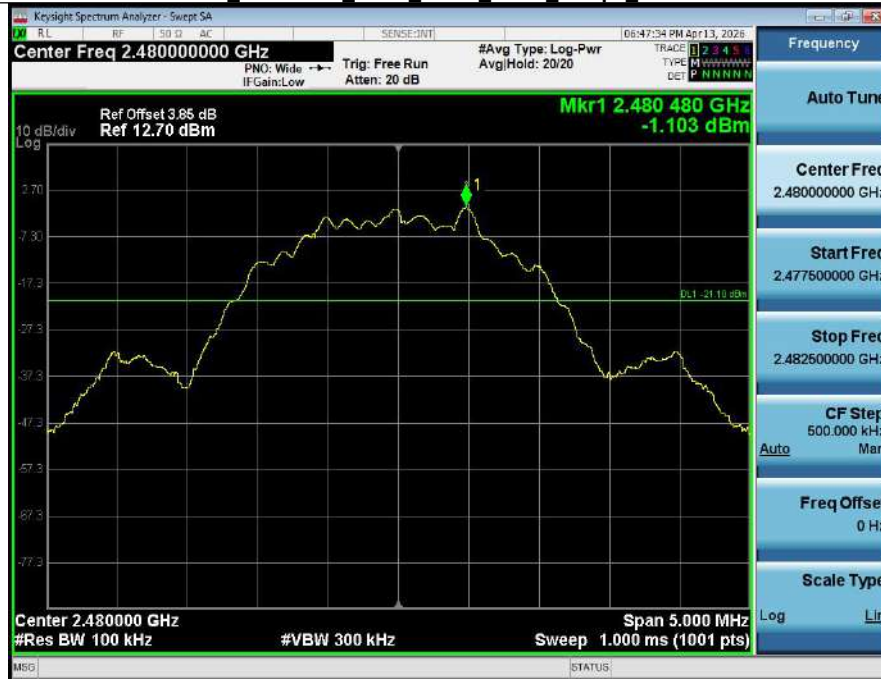
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2 Bandedge_NVNT_ANT1_2Mbps_2402



1 Reference_Level_NVNT_ANT1_2Mbps_2480



2 Bandedge_NVNT_ANT1_2Mbps_2480



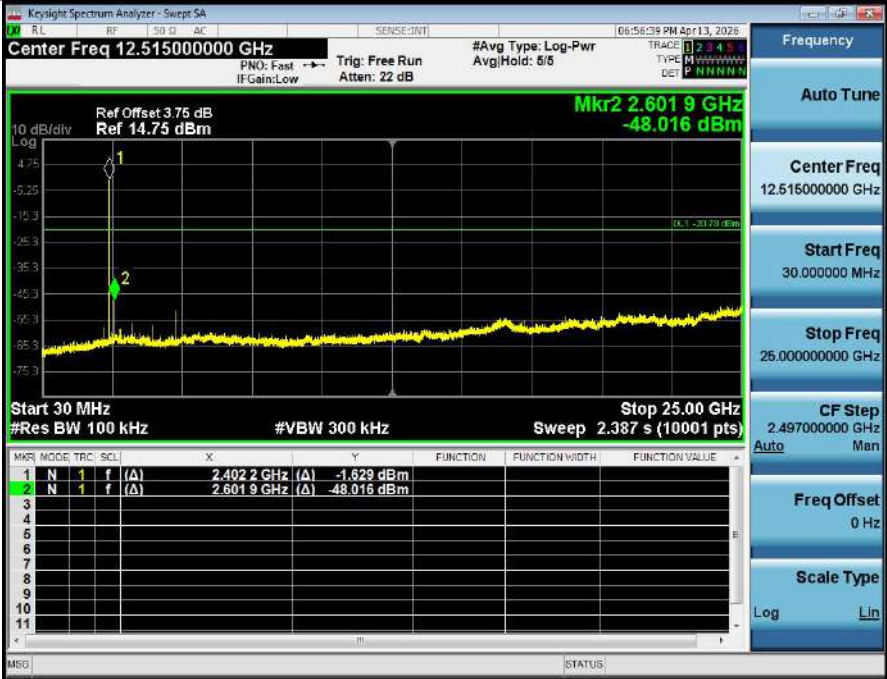
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.778	-48.016	-20.778	Pass
NVNT	ANT1	1Mbps	2440.00	0.084	-51.302	-19.916	Pass
NVNT	ANT1	1Mbps	2480.00	0.002	-48.605	-19.998	Pass
NVNT	ANT1	2Mbps	2402.00	-1.824	-54.235	-21.824	Pass
NVNT	ANT1	2Mbps	2440.00	-0.983	-49.122	-20.983	Pass
NVNT	ANT1	2Mbps	2480.00	-1.059	-49.847	-21.059	Pass

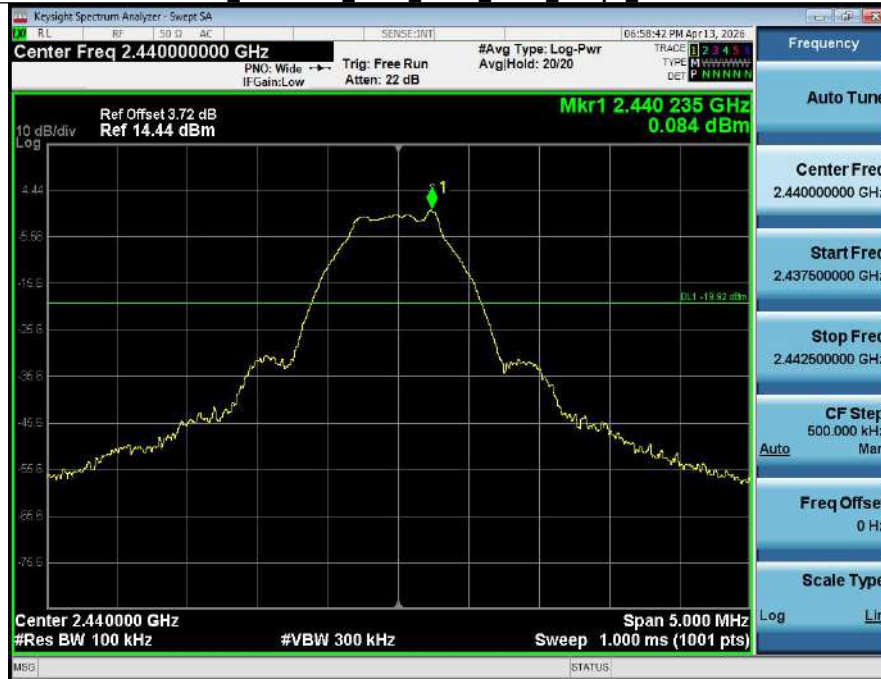
1 Reference_Level_NVNT_ANT1_1Mbps_2402



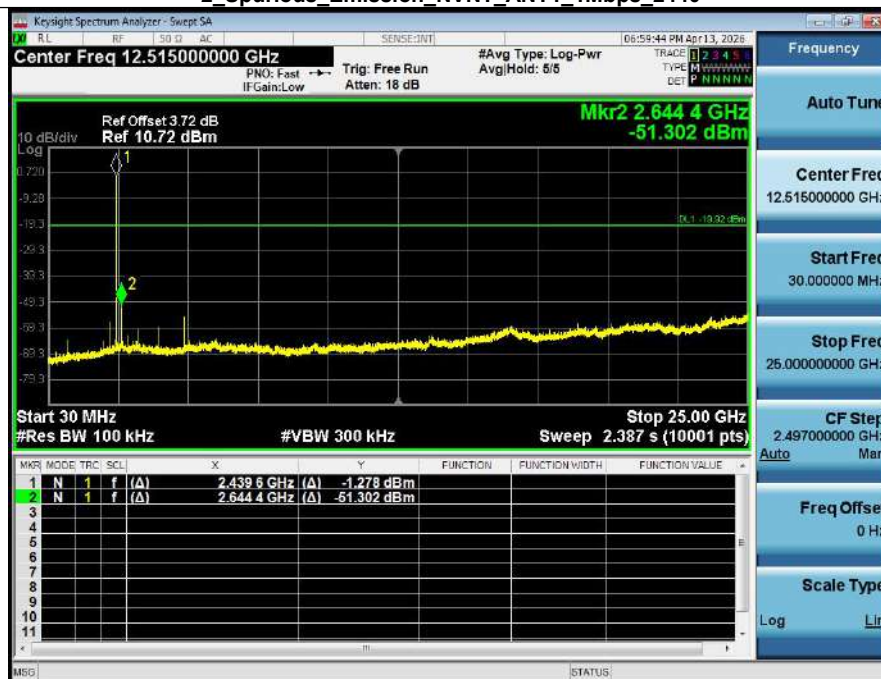
2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



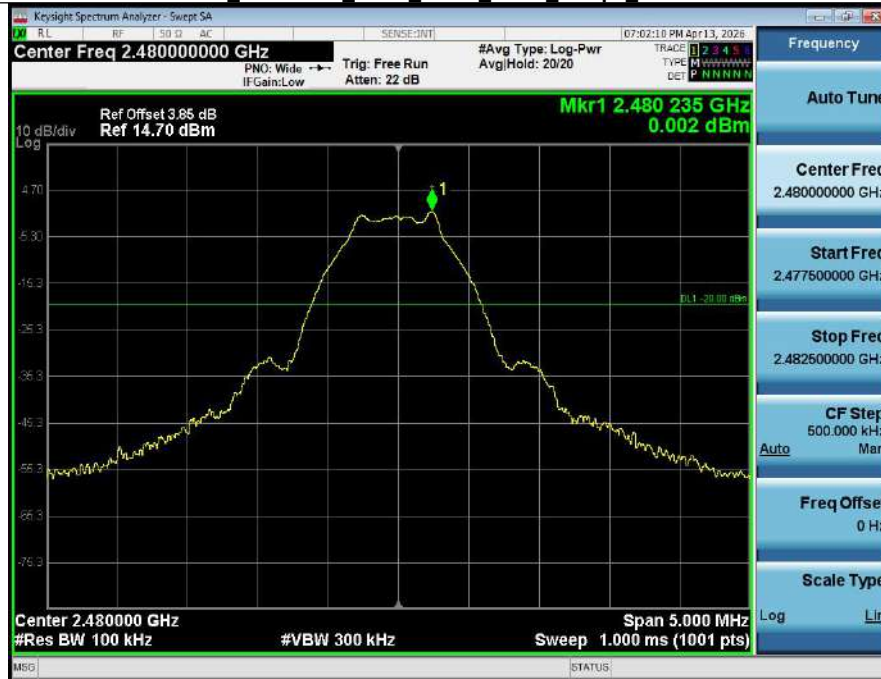
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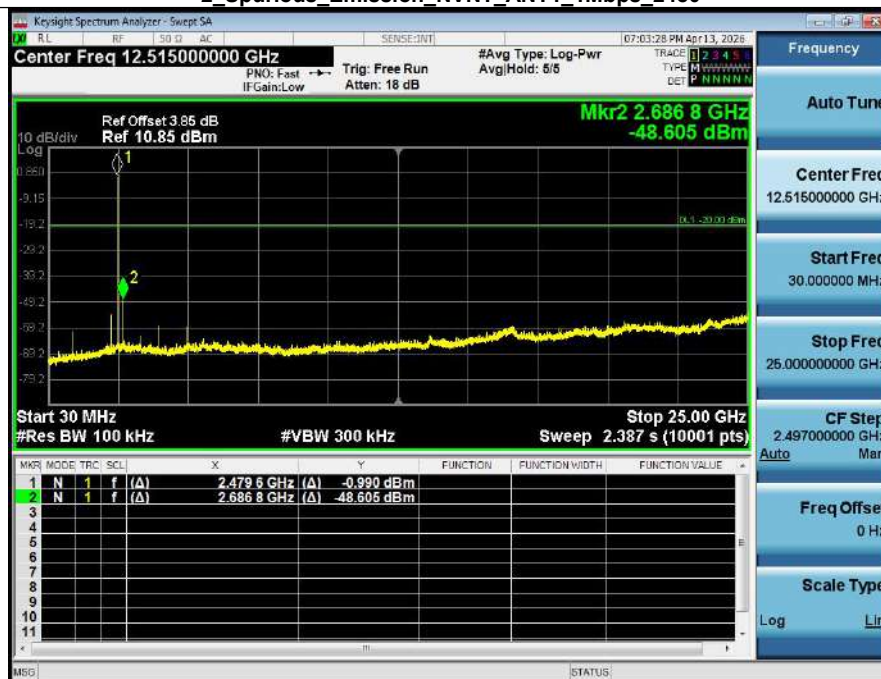
2 Spurious Emission NVNT ANT1_1Mbps_2440



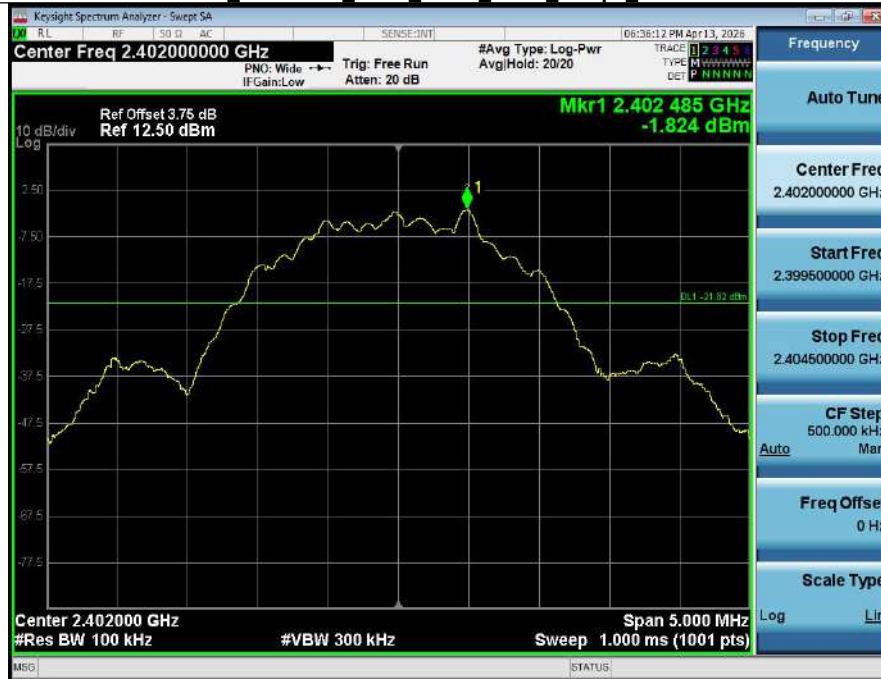
1 Reference Level NVNT ANT1 1Mbps 2480



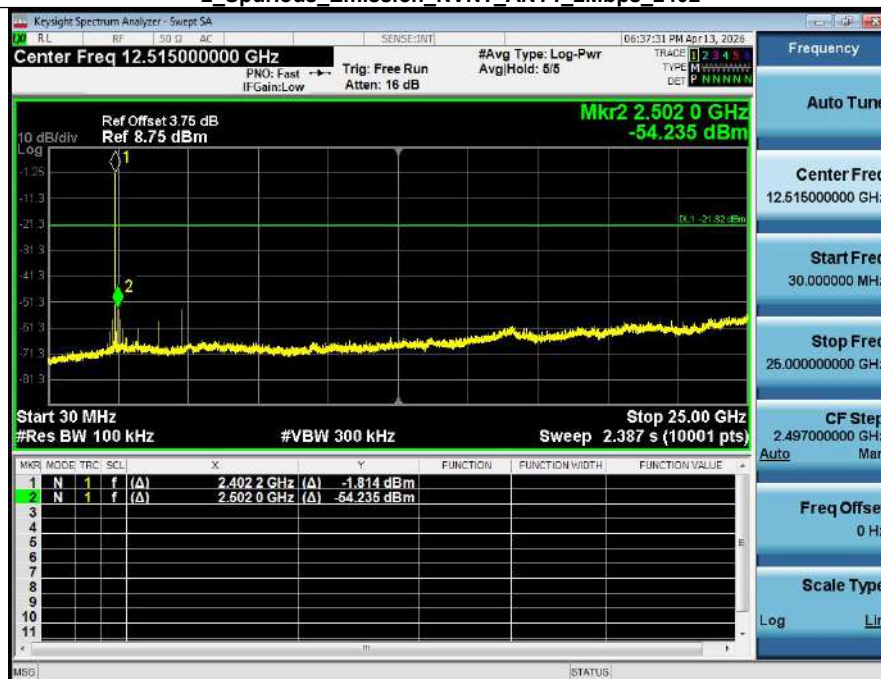
2 Spurious Emission NVNT ANT1 1Mbps 2480



1 Reference Level NVNT ANT1_2Mbps_2402



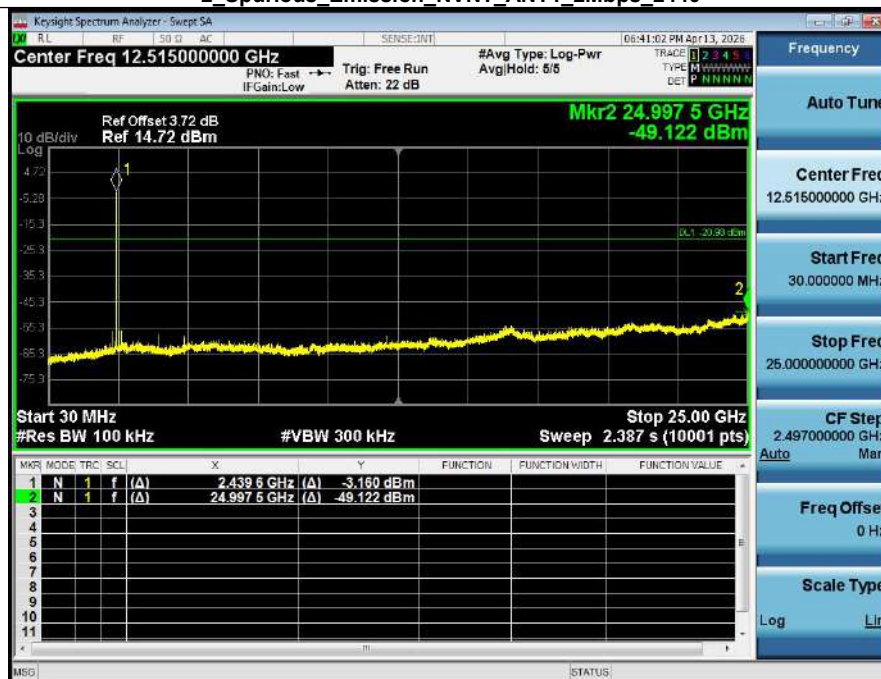
2 Spurious Emission NVNT ANT1_2Mbps_2402



1 Reference Level NVNT ANT1_2Mbps_2440



2 Spurious Emission NVNT ANT1_2Mbps_2440



1 Reference Level NVNT ANT1_2Mbps_2480



2 Spurious Emission NVNT ANT1_2Mbps_2480

