

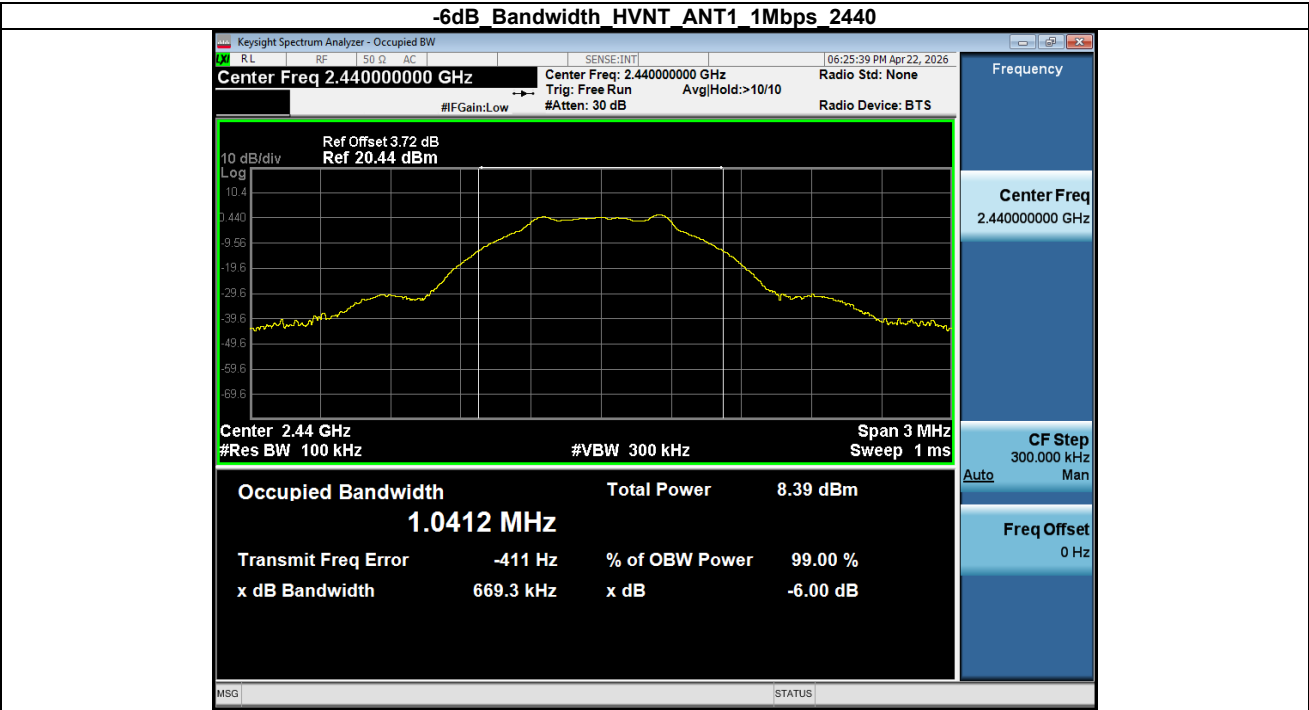
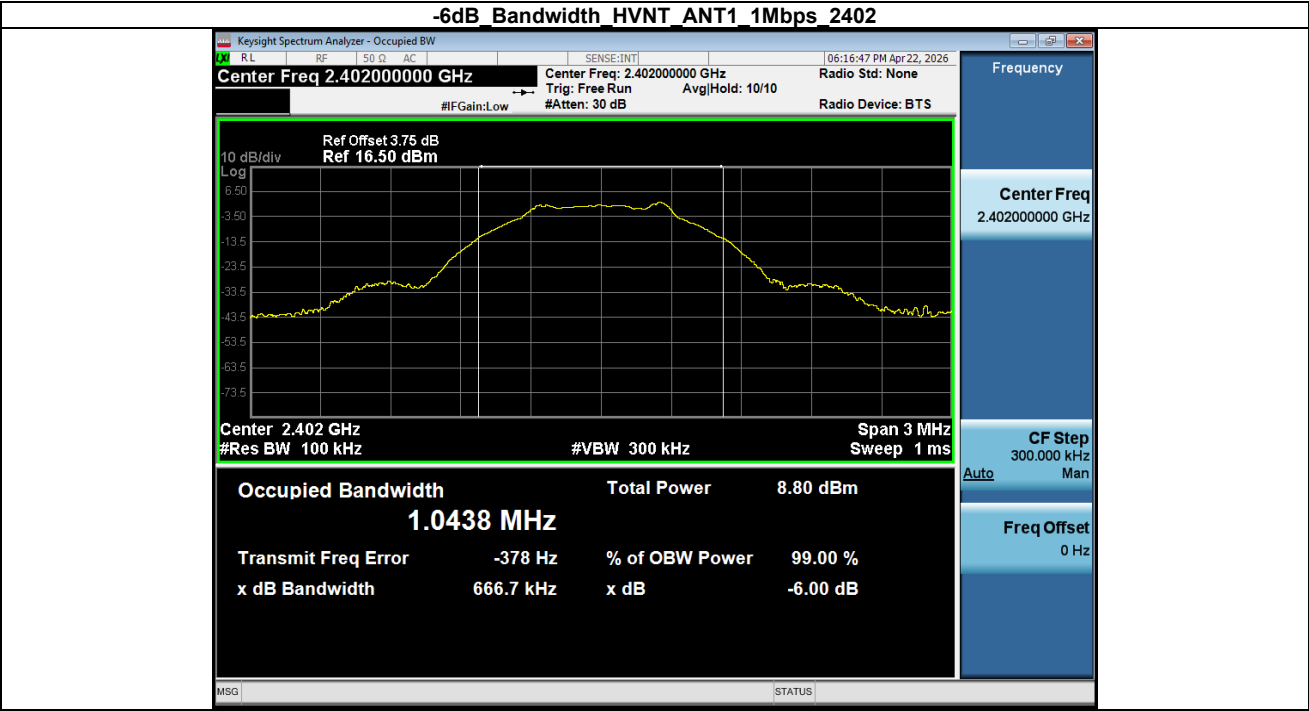
FCC ID BLE
FCC_BLE (Part15.247) Test Data
Report No.:NCT26016614XE1-1
FCC ID:2BMR6-ACW2303CP

Table of Contents

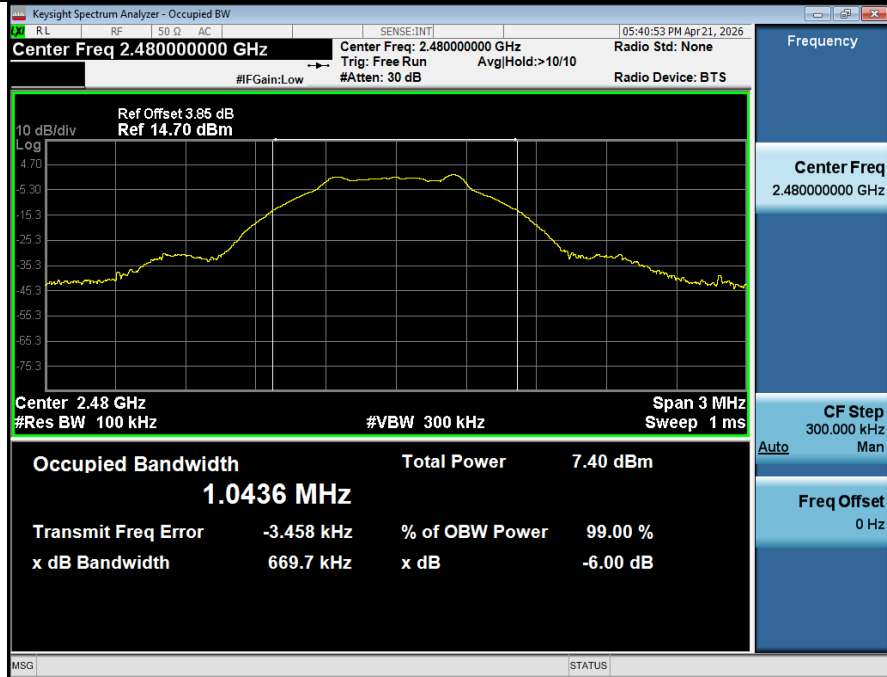
1. -6dB Bandwidth	2
2. 99% Occupied Bandwidth	5
3. Duty Cycle.....	8
4. Peak Output Power.....	11
5. Power Spectral Density.....	14
6. Bandedge.....	17
7. Spurious Emission.....	21

1. -6dB Bandwidth

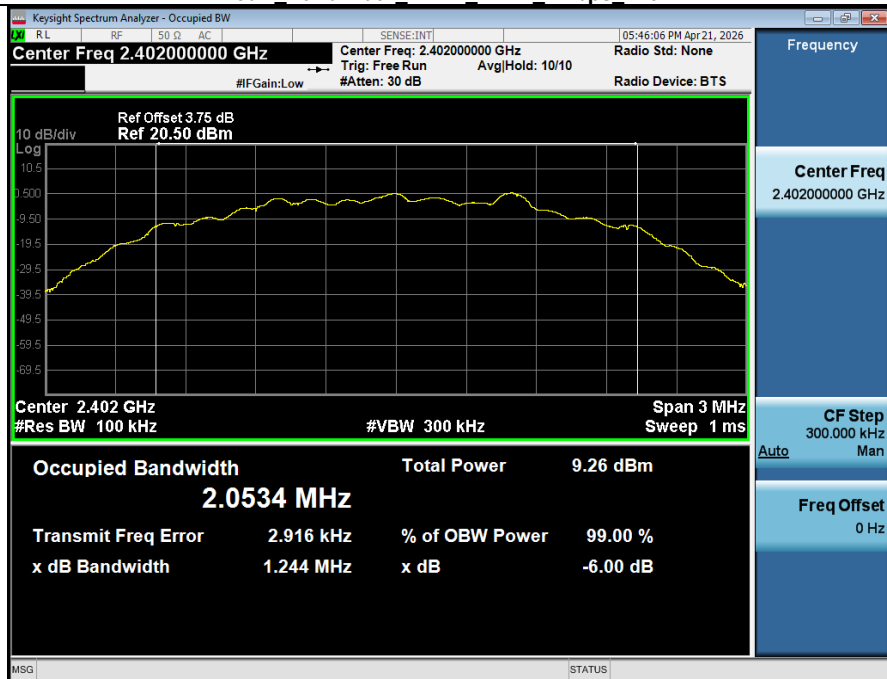
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
HVNT	ANT1	1Mbps	2402.00	666.67	500	Pass
HVNT	ANT1	1Mbps	2440.00	669.26	500	Pass
NVNT	ANT1	1Mbps	2480.00	669.69	500	Pass
NVNT	ANT1	2Mbps	2402.00	1243.96	500	Pass
HVNT	ANT1	2Mbps	2440.00	1241.87	500	Pass
NVNT	ANT1	2Mbps	2480.00	1236.87	500	Pass



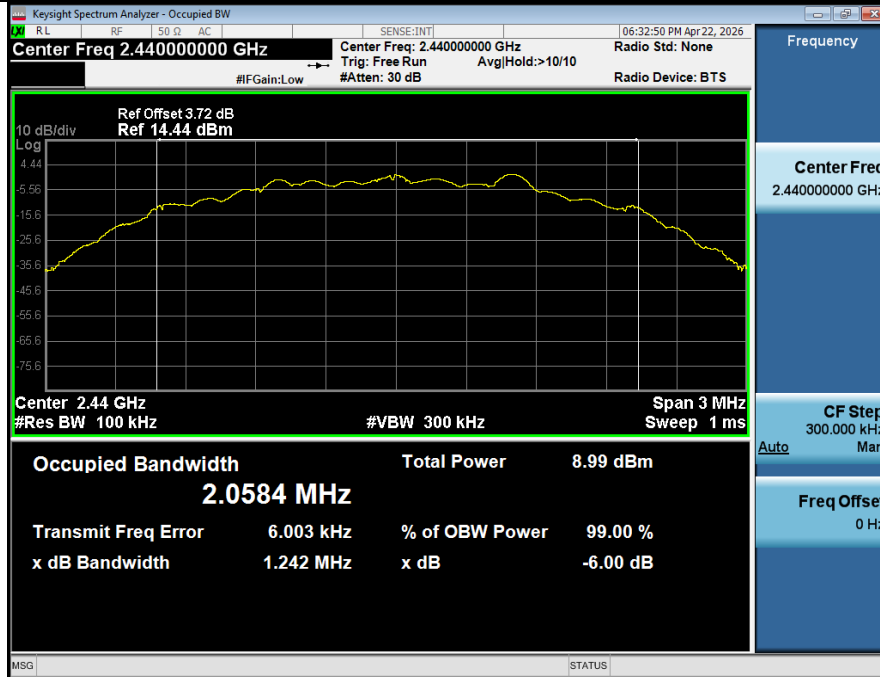
-6dB Bandwidth NVNT ANT1 1Mbps 2480



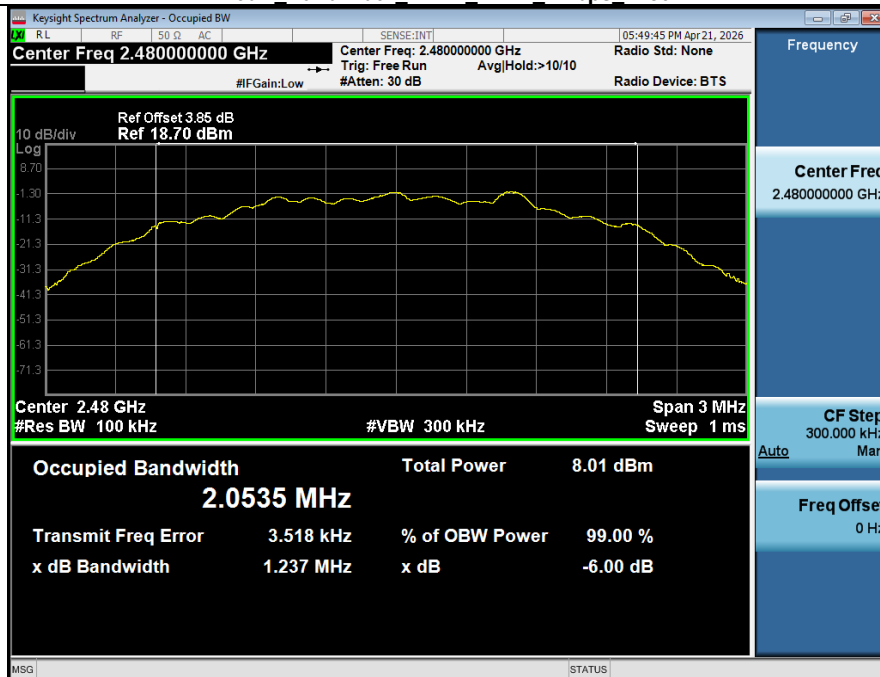
-6dB Bandwidth NVNT ANT1 2Mbps 2402



-6dB Bandwidth HVNT ANT1 2Mbps 2440

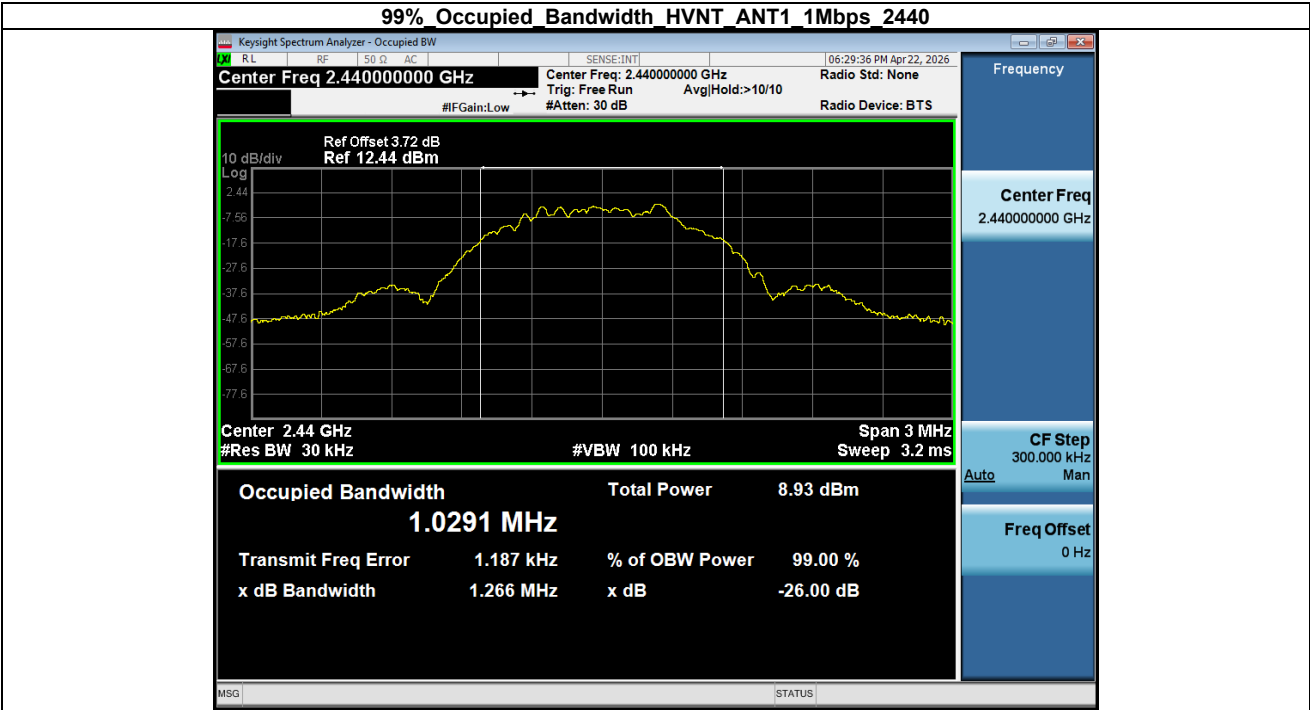


-6dB Bandwidth NVNT ANT1 2Mbps 2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.028
HVNT	ANT1	1Mbps	2440.00	1.029
NVNT	ANT1	1Mbps	2480.00	1.030
NVNT	ANT1	2Mbps	2402.00	2.060
HVNT	ANT1	2Mbps	2440.00	2.068
NVNT	ANT1	2Mbps	2480.00	2.063



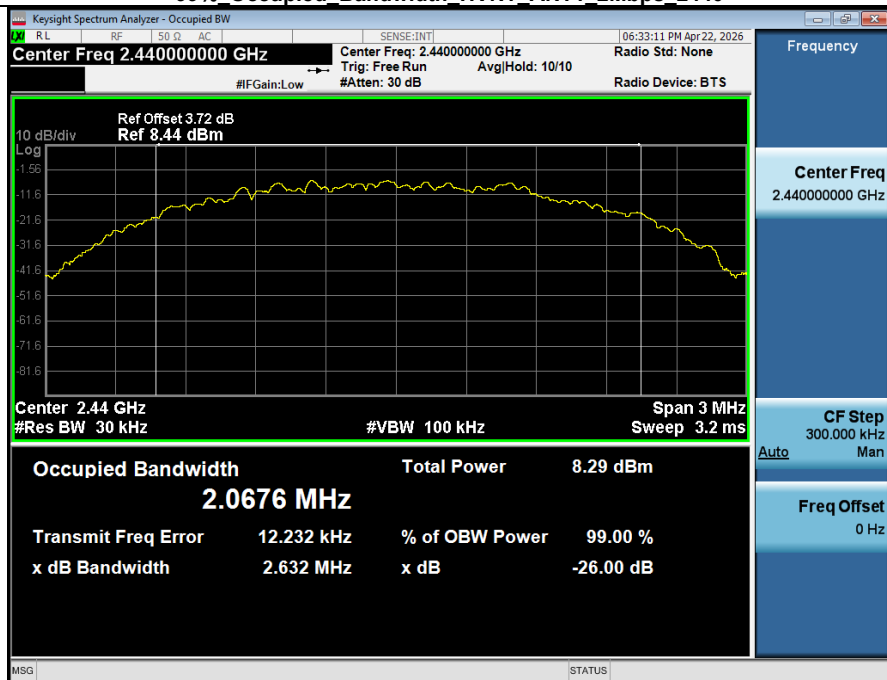
99% Occupied Bandwidth NVNT ANT1 1Mbps 2480



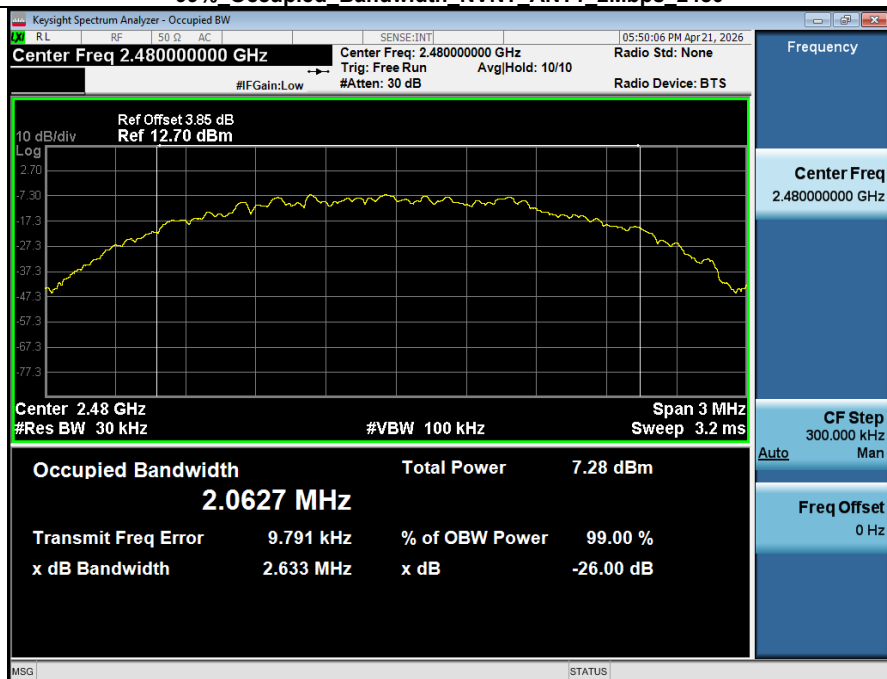
99% Occupied Bandwidth NVNT ANT1 2Mbps 2402



99% Occupied Bandwidth HVNT ANT1 2Mbps 2440

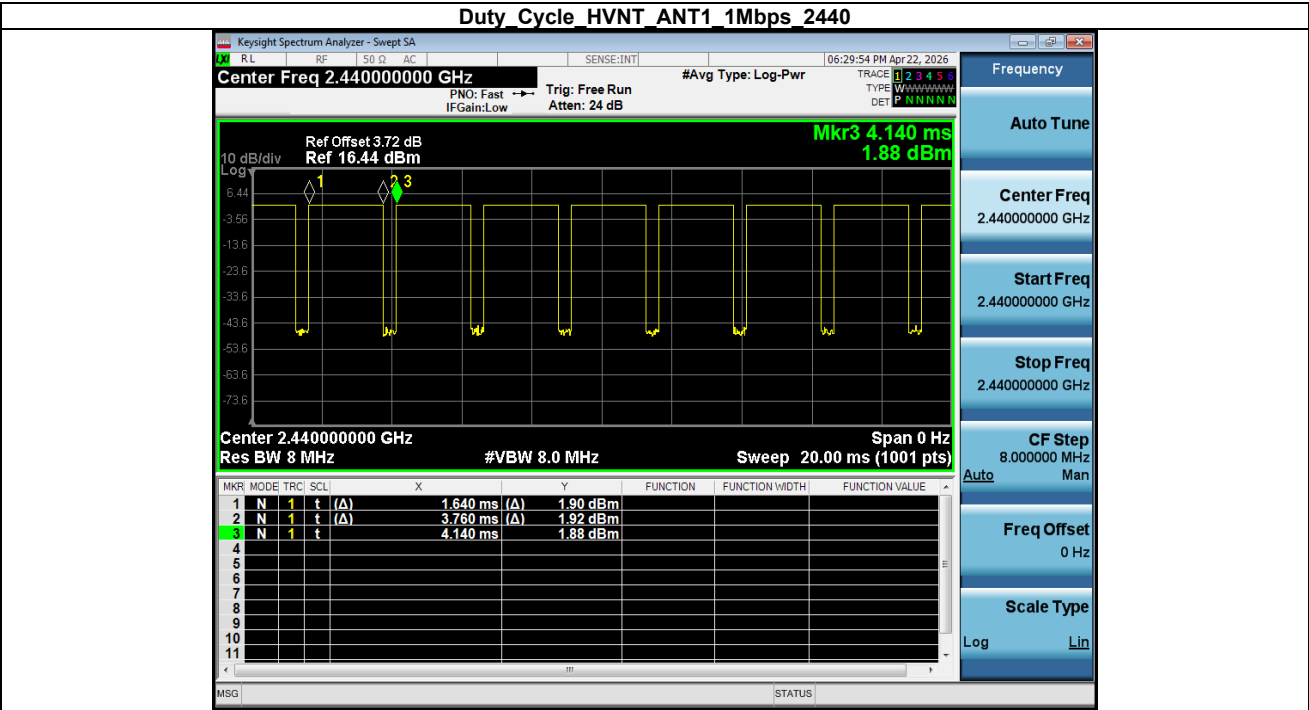
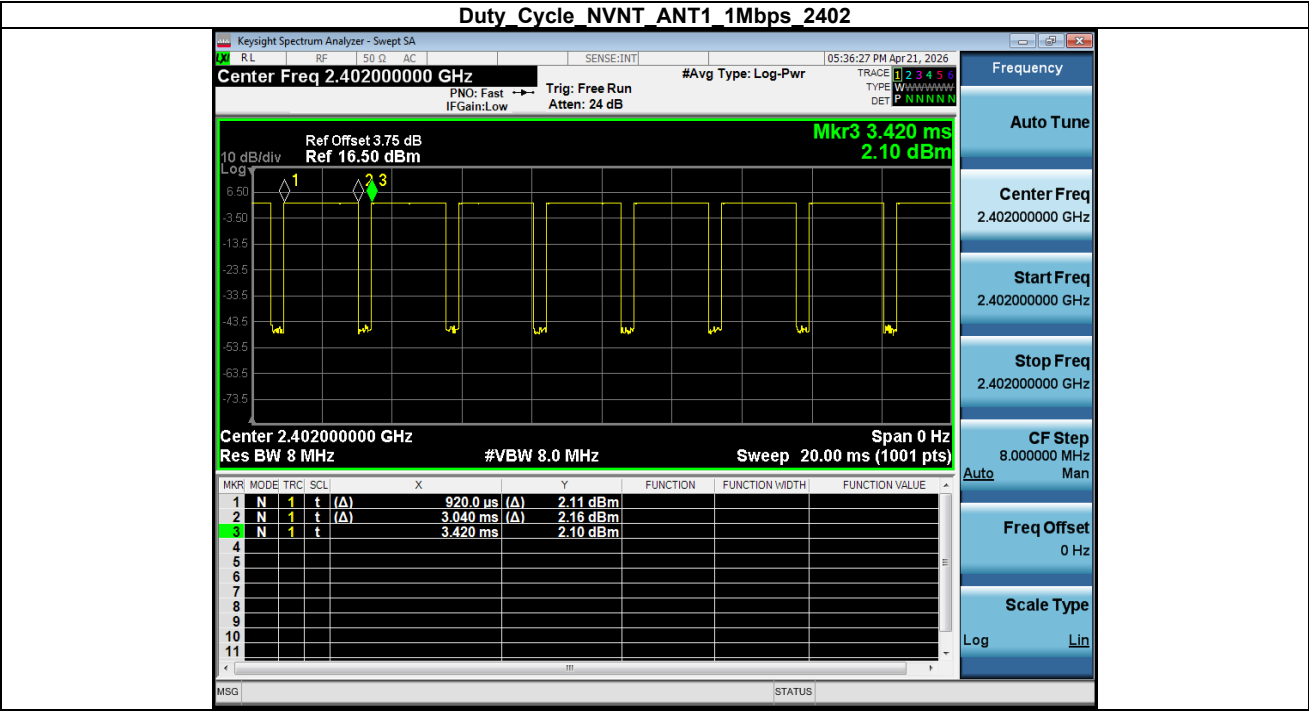


99% Occupied Bandwidth NVNT ANT1 2Mbps 2480

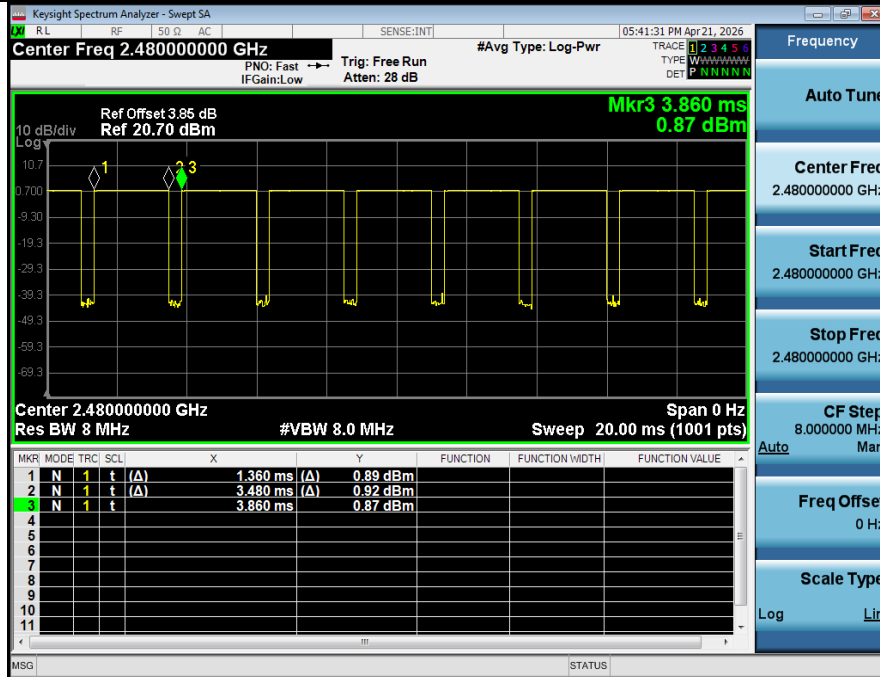


3. Duty Cycle

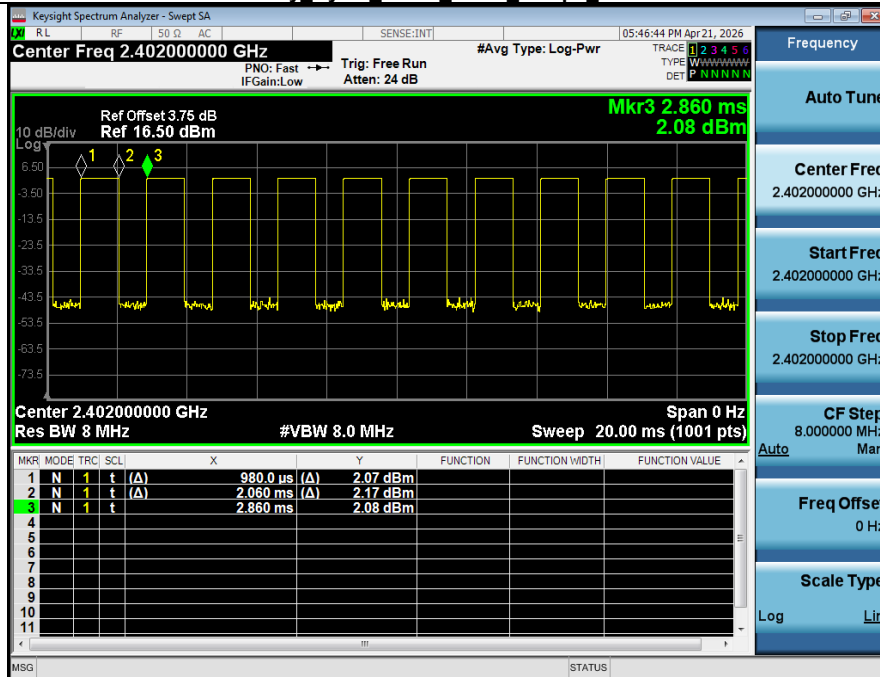
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	85.60	0.68
HVNT	ANT1	1Mbps	2440.00	85.60	0.68
NVNT	ANT1	1Mbps	2480.00	85.60	0.68
NVNT	ANT1	2Mbps	2402.00	58.51	2.33
HVNT	ANT1	2Mbps	2440.00	58.06	2.36
NVNT	ANT1	2Mbps	2480.00	57.45	2.41



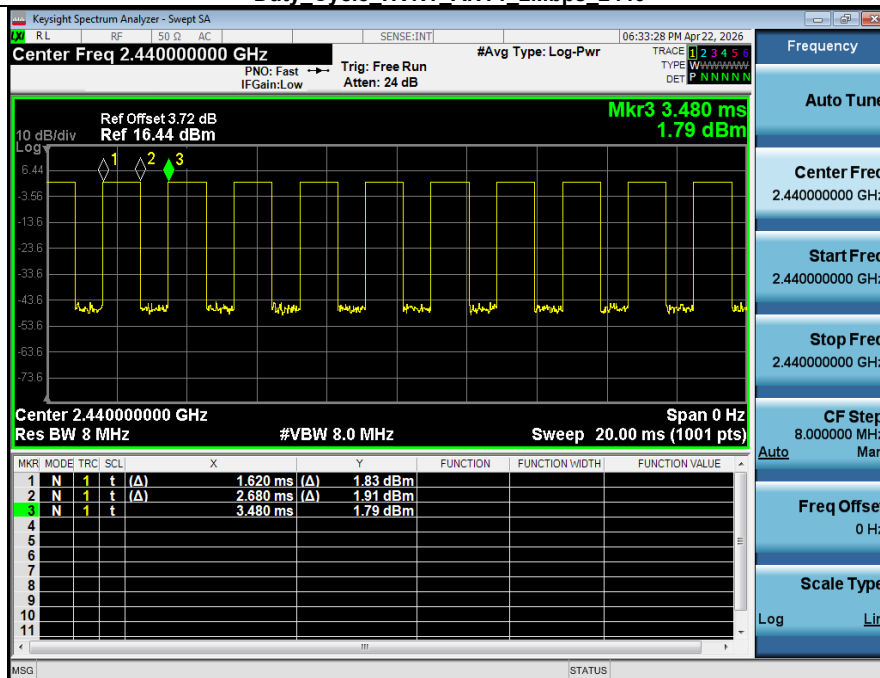
Duty Cycle NVNT_ANT1 1Mbps 2480



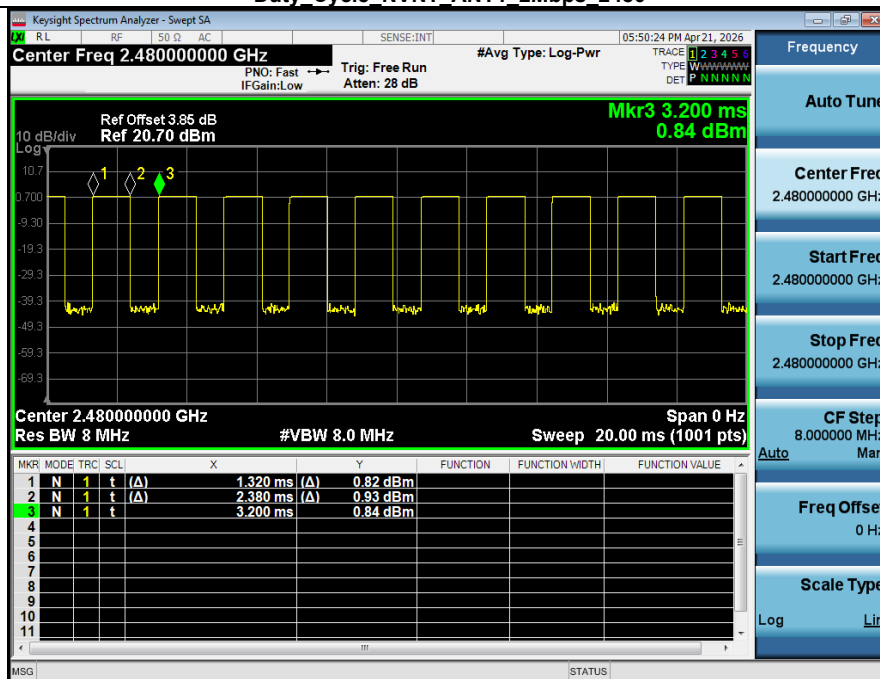
Duty Cycle NVNT_ANT1 2Mbps 2402



Duty Cycle HVNT_ANT1 2Mbps 2440

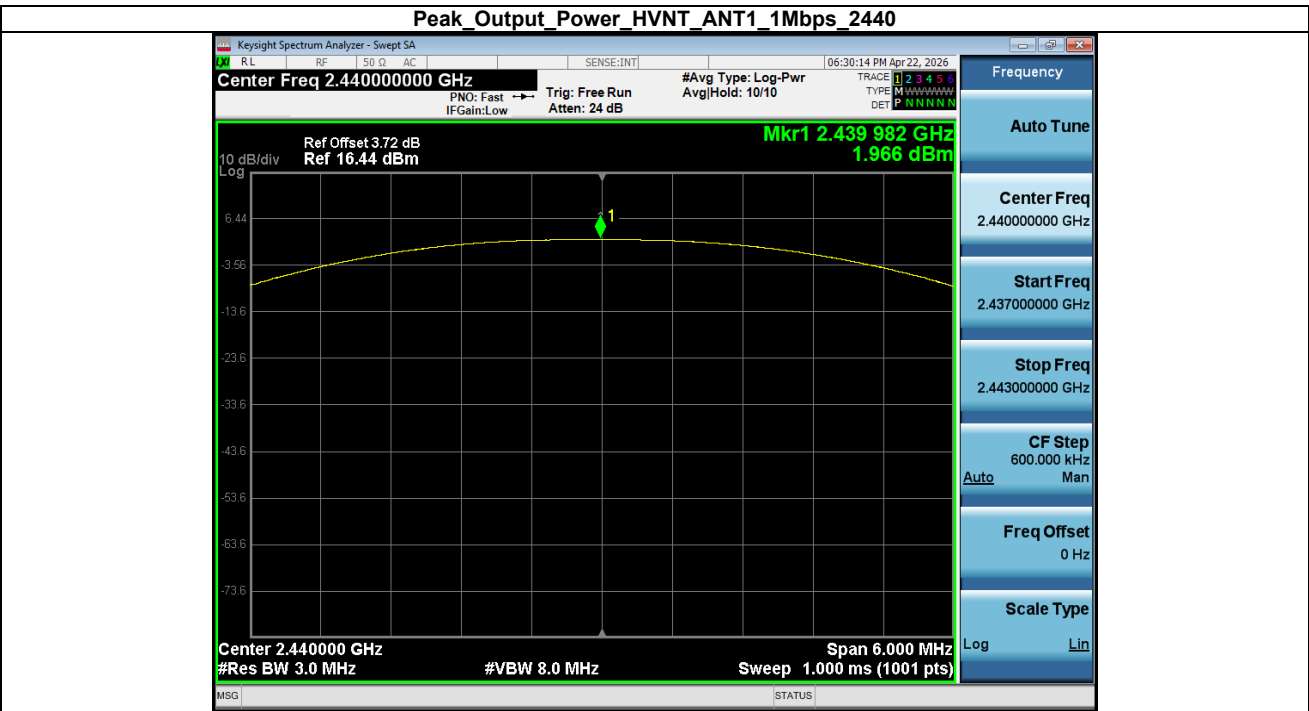
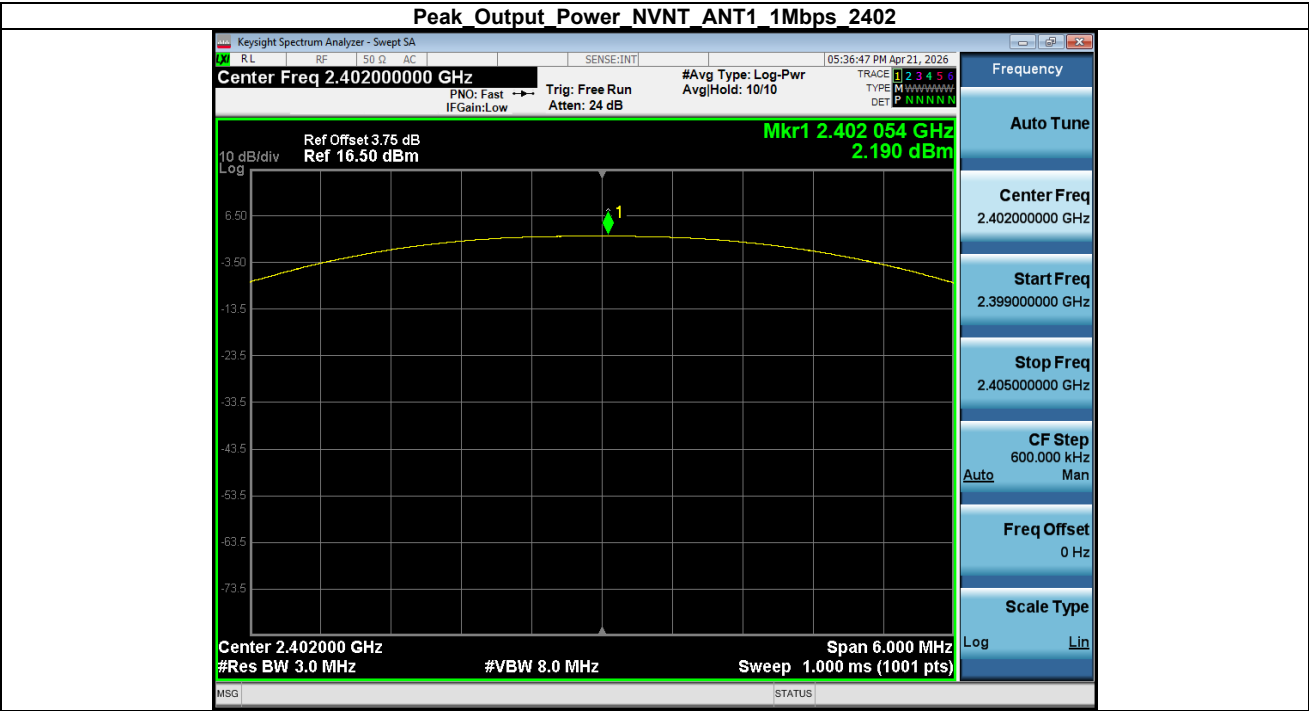


Duty Cycle NVNT_ANT1 2Mbps 2480

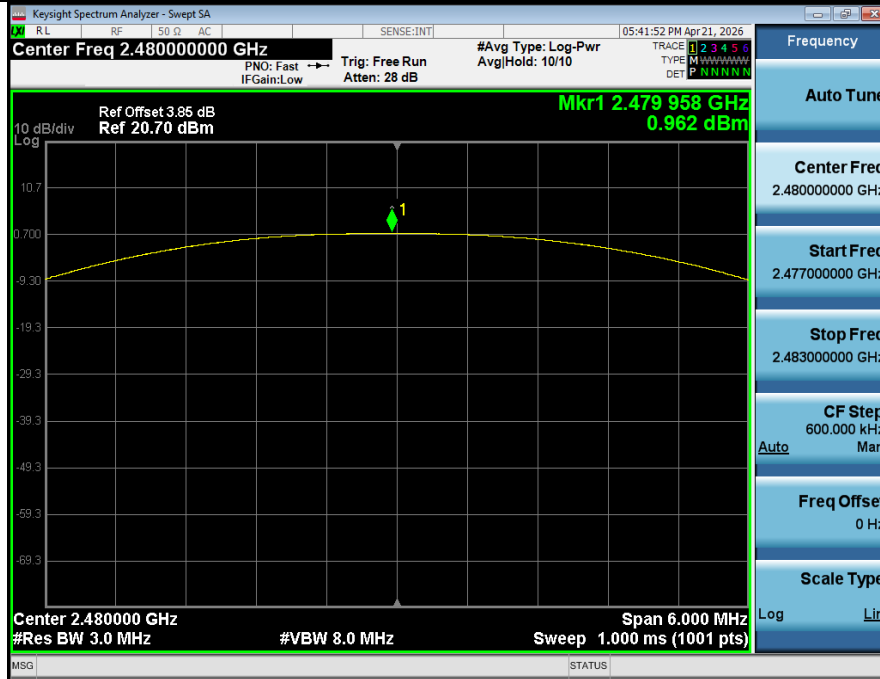


4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	2.19	1.66	1000	Pass
HVNT	ANT1	1Mbps	2440.00	1.97	1.57	1000	Pass
NVNT	ANT1	1Mbps	2480.00	0.96	1.25	1000	Pass
NVNT	ANT1	2Mbps	2402.00	2.17	1.65	1000	Pass
HVNT	ANT1	2Mbps	2440.00	1.94	1.56	1000	Pass
NVNT	ANT1	2Mbps	2480.00	0.93	1.24	1000	Pass



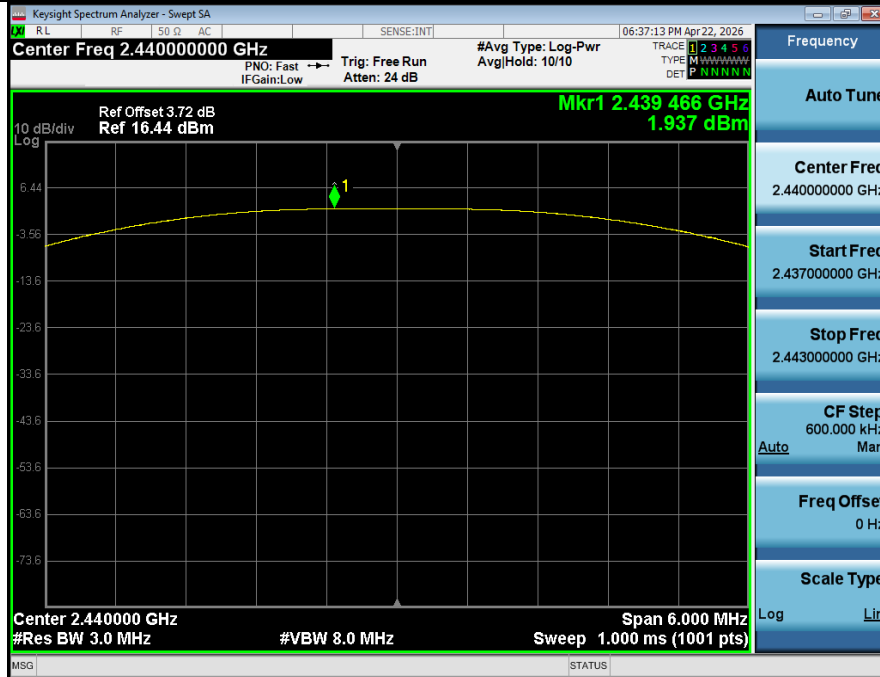
Peak Output Power NVNT ANT1 1Mbps 2480



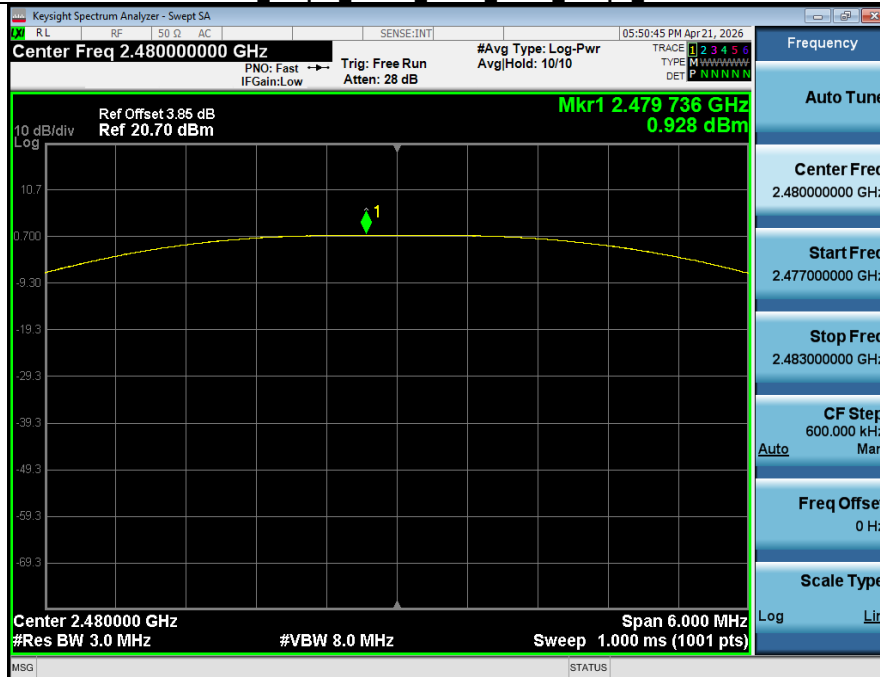
Peak Output Power NVNT ANT1 2Mbps 2402



Peak Output Power HVNT ANT1 2Mbps 2440

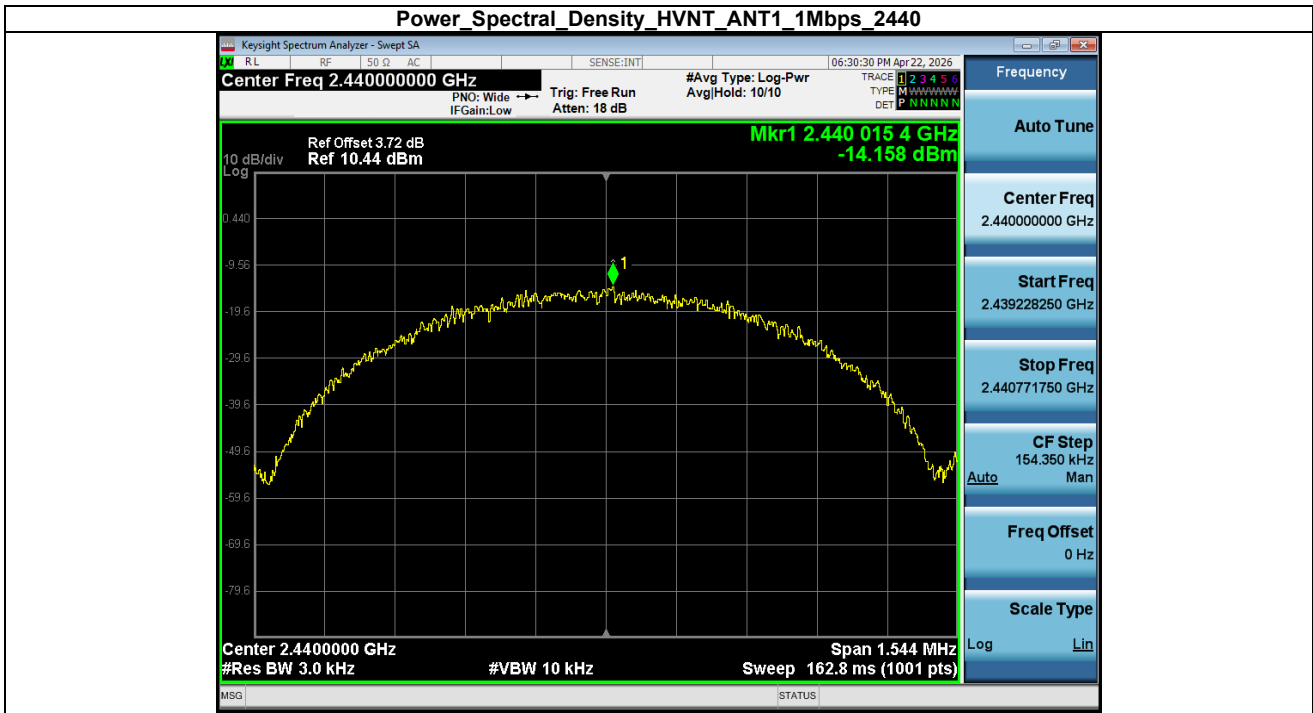
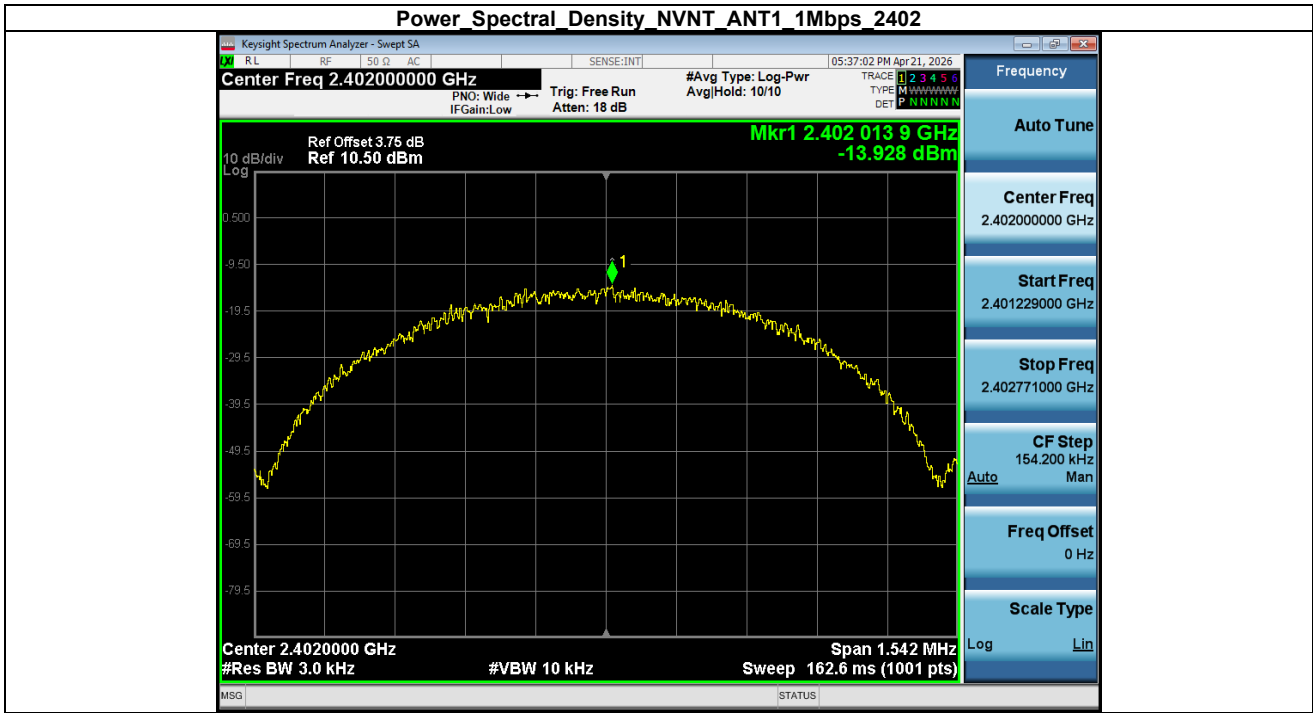


Peak Output Power NVNT ANT1 2Mbps 2480



5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-13.93	8	Pass
HVNT	ANT1	1Mbps	2440.00	-14.16	8	Pass
NVNT	ANT1	1Mbps	2480.00	-15.27	8	Pass
NVNT	ANT1	2Mbps	2402.00	-17.40	8	Pass
HVNT	ANT1	2Mbps	2440.00	-18.07	8	Pass
NVNT	ANT1	2Mbps	2480.00	-18.56	8	Pass



Power Spectral Density NVNT ANT1 1Mbps 2480



Power Spectral Density NVNT ANT1 2Mbps 2402



Power Spectral Density HVNT ANT1 2Mbps 2440

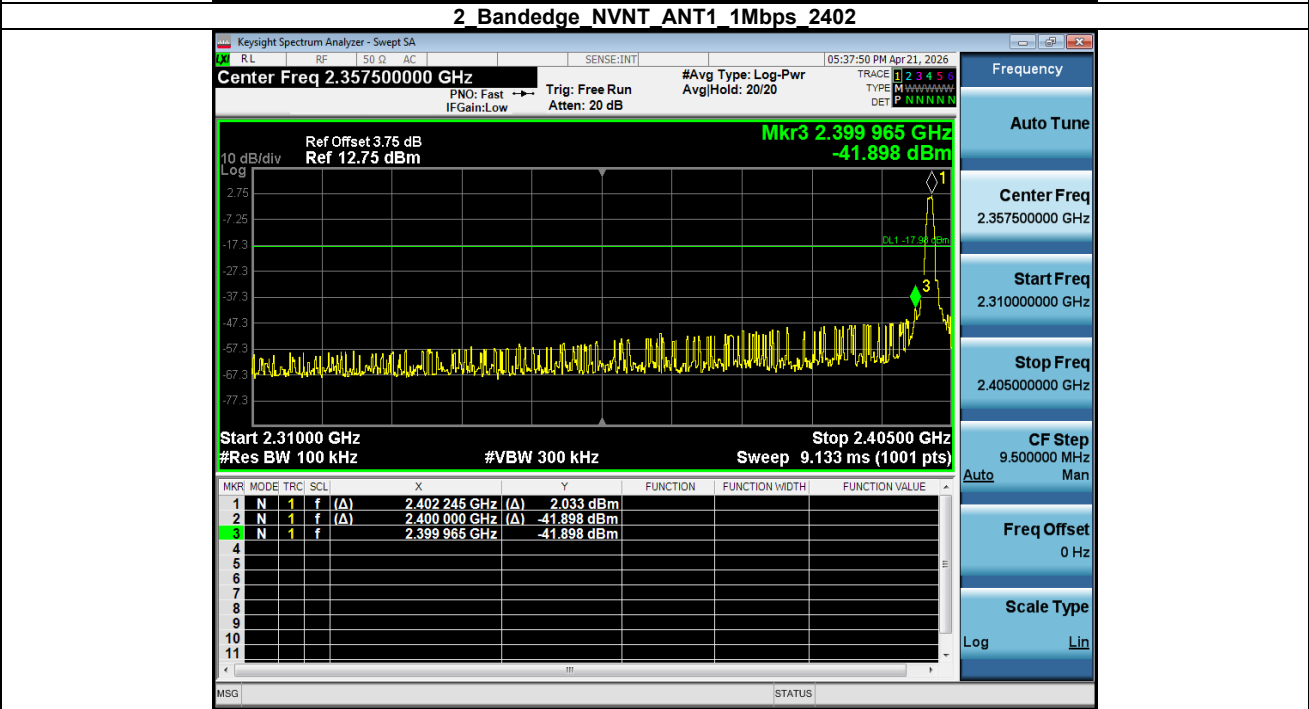


Power Spectral Density NVNT ANT1 2Mbps 2480

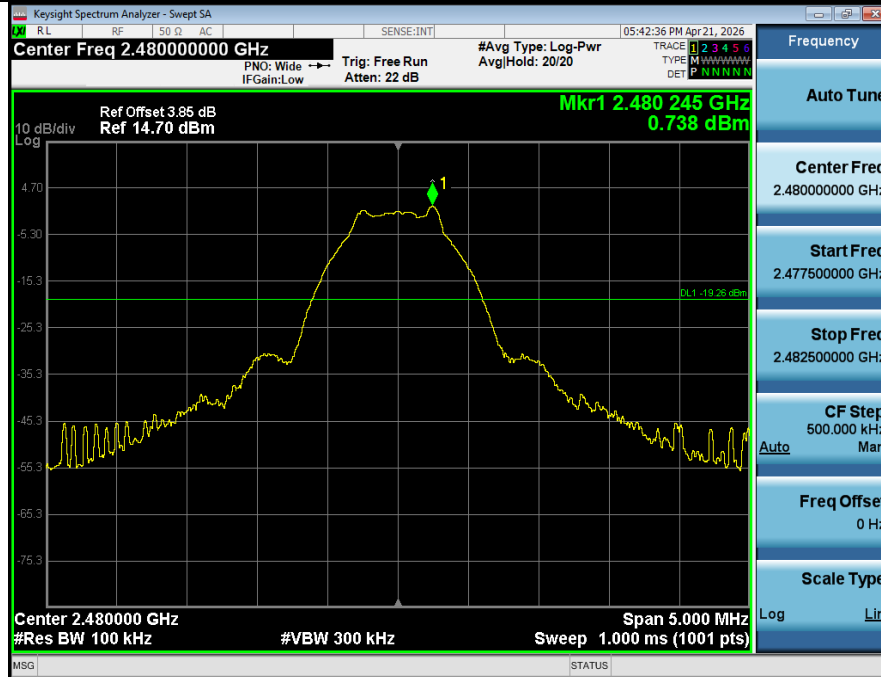


6. Bandedge

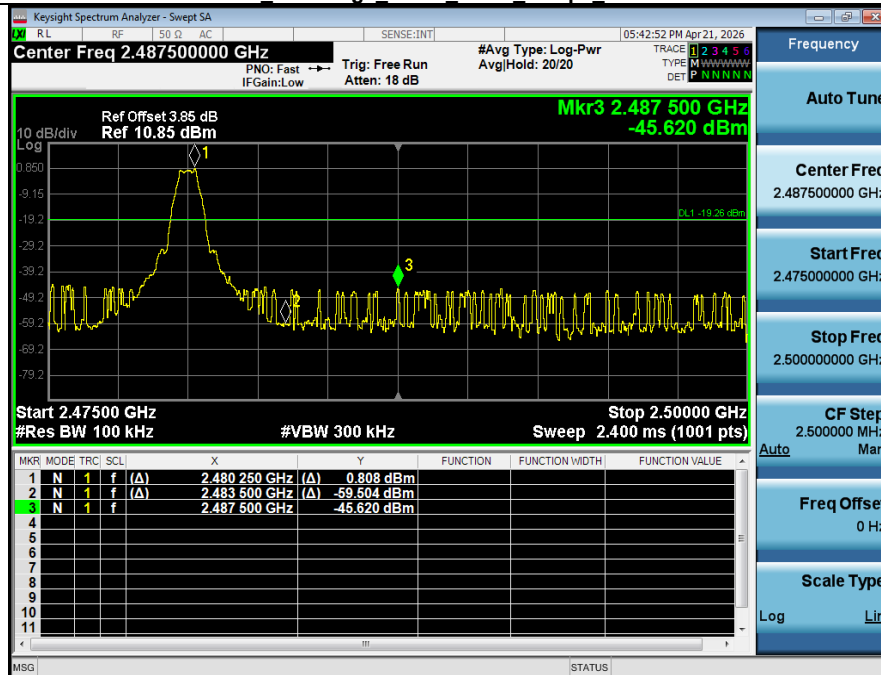
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	2.023	-41.898	-17.977	Pass
NVNT	ANT1	1Mbps	2480.00	2487.500	0.738	-45.620	-19.262	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	0.949	-30.547	-19.051	Pass
NVNT	ANT1	2Mbps	2480.00	2492.125	-0.320	-45.607	-20.320	Pass



1 Reference Level NVNT ANT1 1Mbps 2480



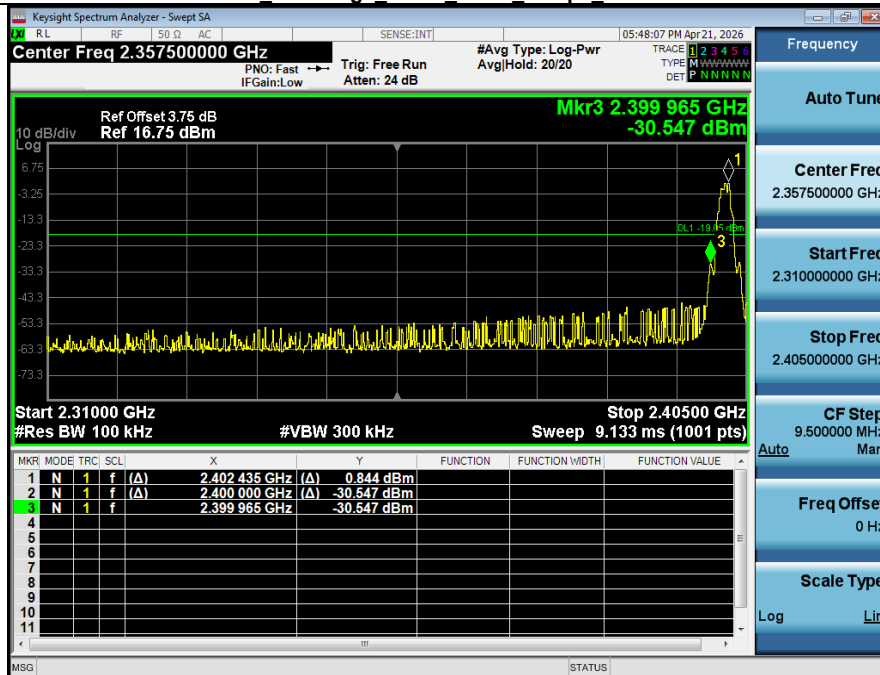
2 Bandedge NVNT ANT1 1Mbps 2480



1 Reference Level NVNT ANT1 2Mbps 2402



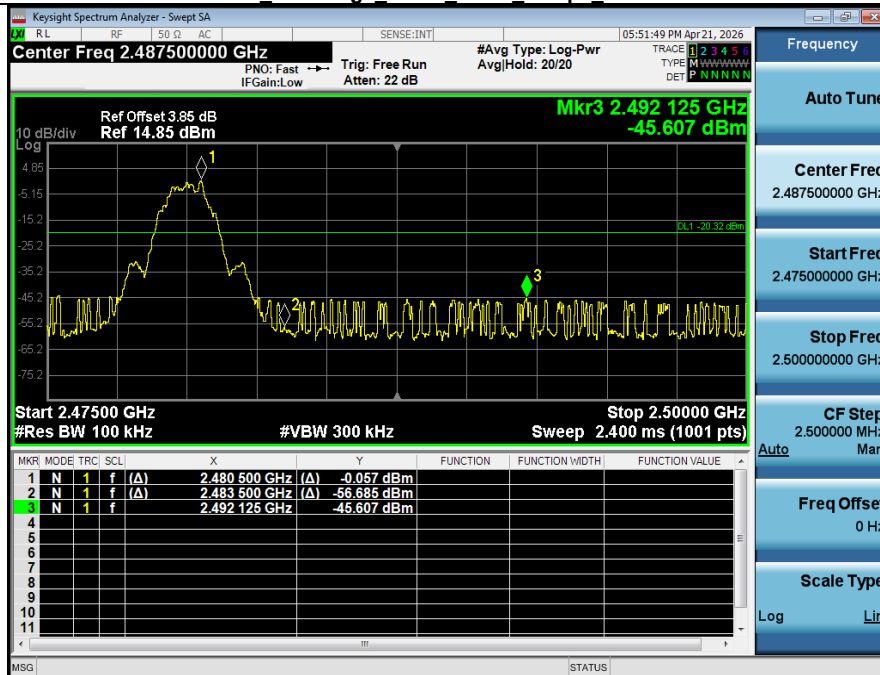
2 Bandedge NVNT ANT1 2Mbps 2402



1 Reference Level NVNT ANT1 2Mbps 2480



2 Bandedge NVNT ANT1 2Mbps 2480



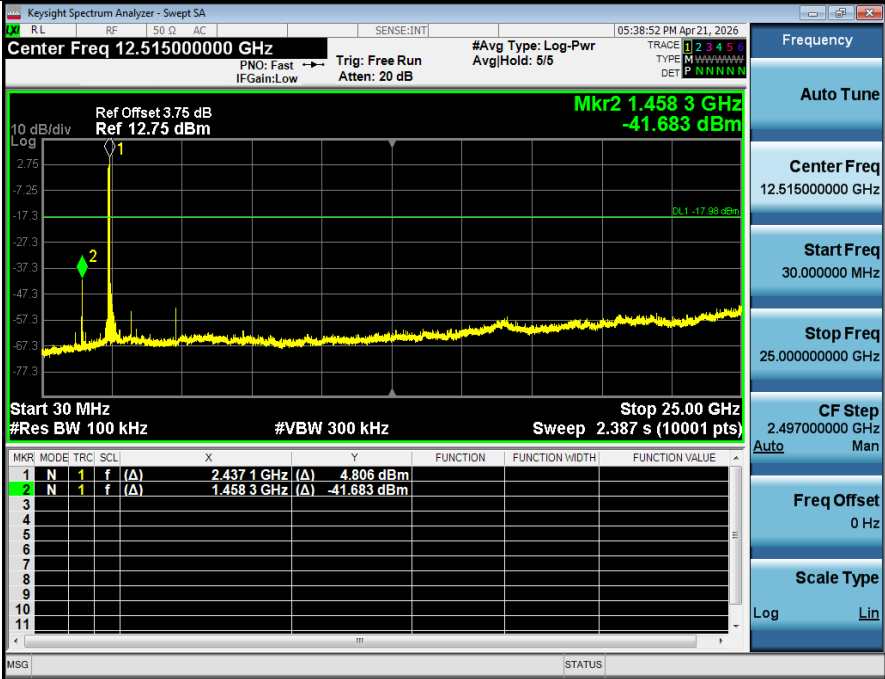
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2.023	-41.683	-17.977	Pass
HVNT	ANT1	1Mbps	2440.00	1.696	-47.312	-18.304	Pass
NVNT	ANT1	1Mbps	2480.00	0.738	-48.304	-19.262	Pass
NVNT	ANT1	2Mbps	2402.00	0.949	-34.023	-19.051	Pass
HVNT	ANT1	2Mbps	2440.00	0.678	-54.025	-19.322	Pass
NVNT	ANT1	2Mbps	2480.00	-0.320	-39.354	-20.320	Pass

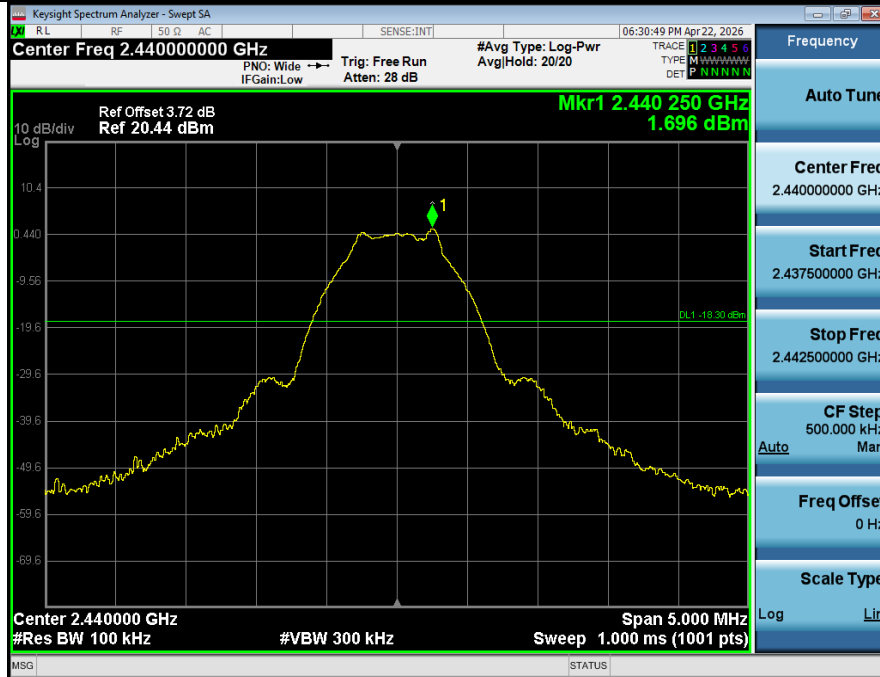
1 Reference Level NVNT ANT1 1Mbps 2402



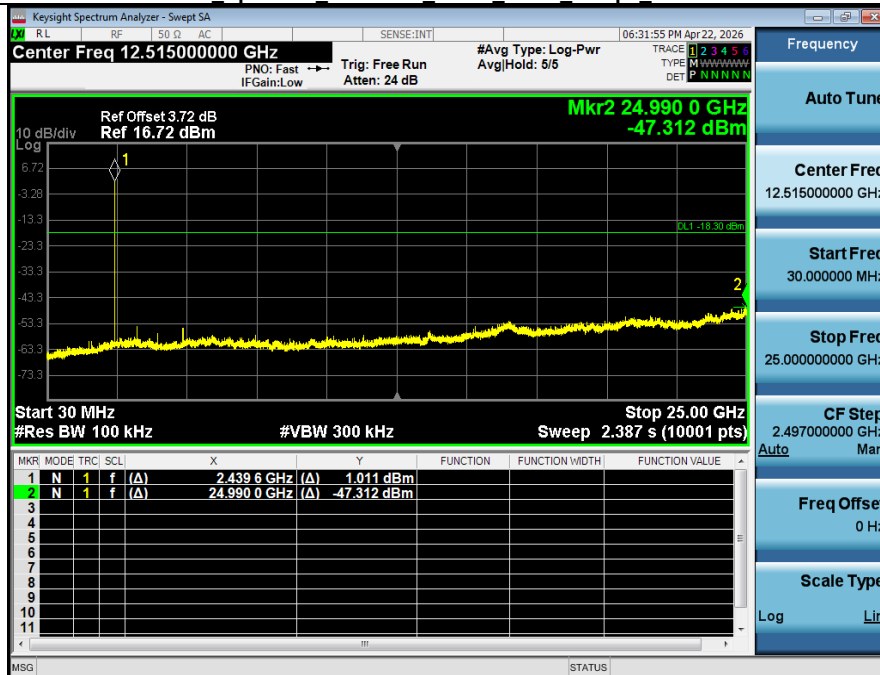
2 Spurious Emission NVNT ANT1 1Mbps 2402



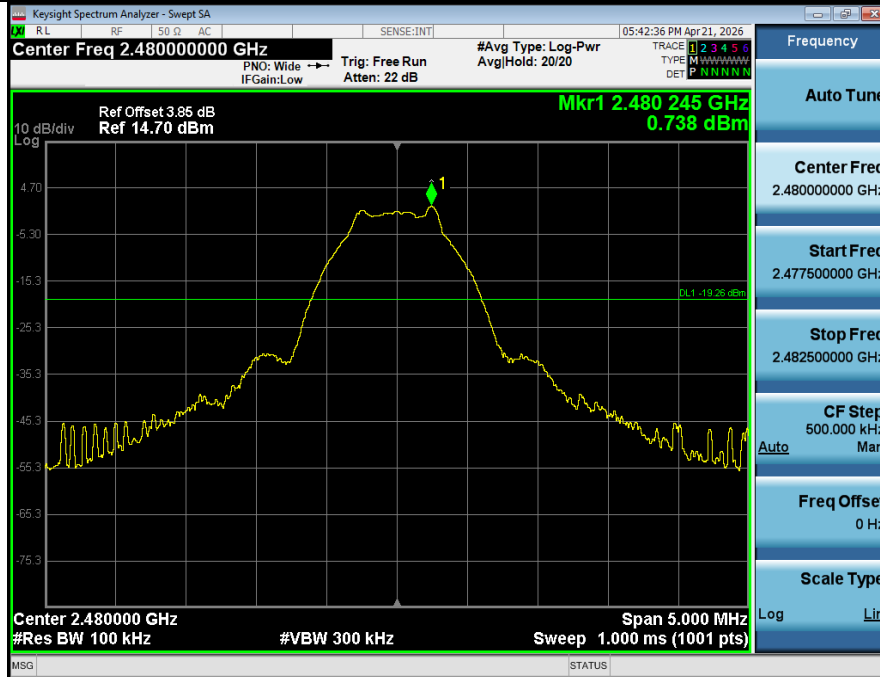
1 Reference Level HVNT ANT1_1Mbps_2440



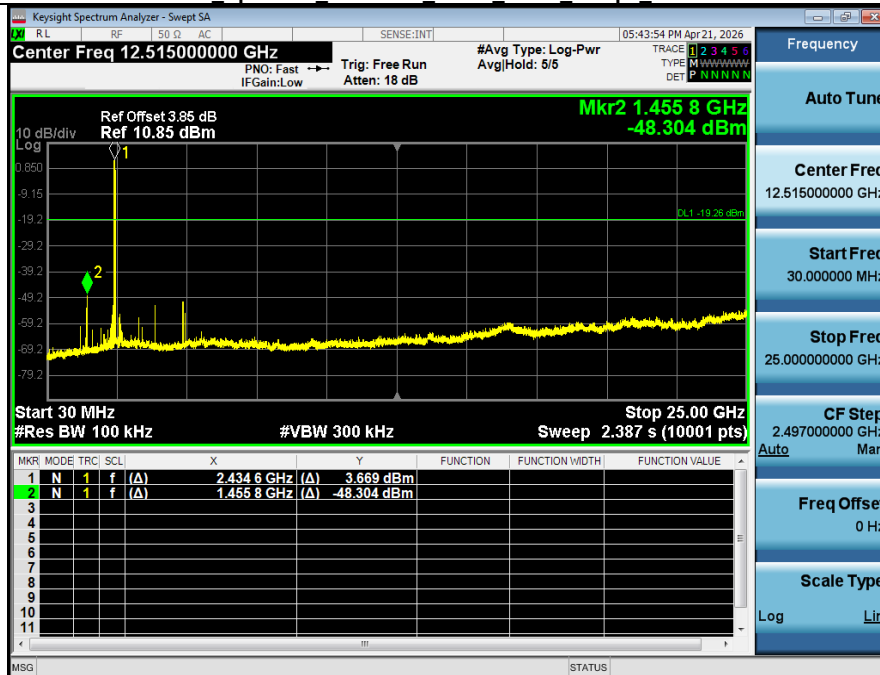
2 Spurious Emission HVNT ANT1_1Mbps_2440



1 Reference Level NVNT ANT1 1Mbps 2480



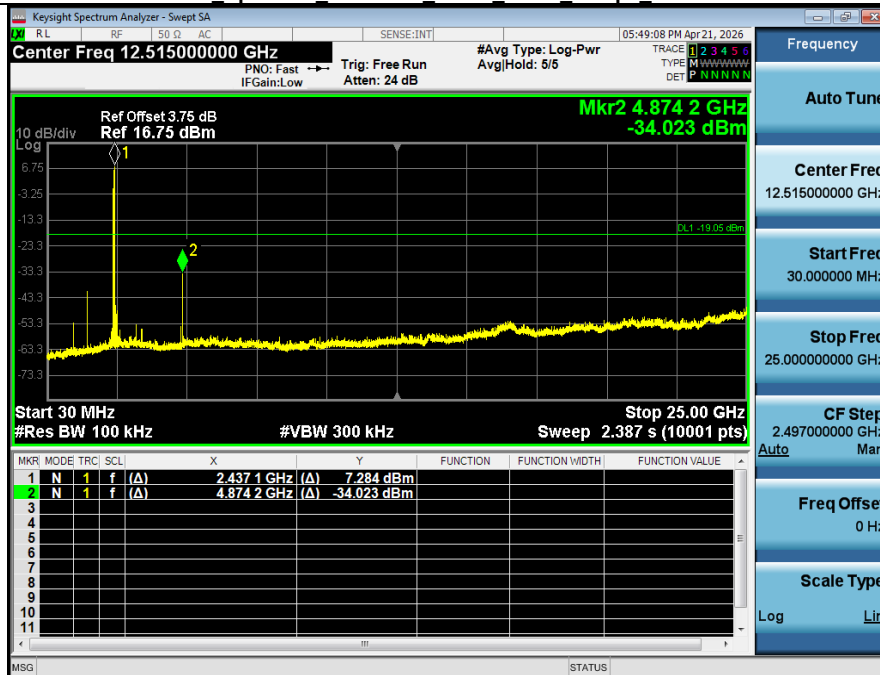
2 Spurious Emission NVNT ANT1 1Mbps 2480



1 Reference Level NVNT ANT1 2Mbps 2402



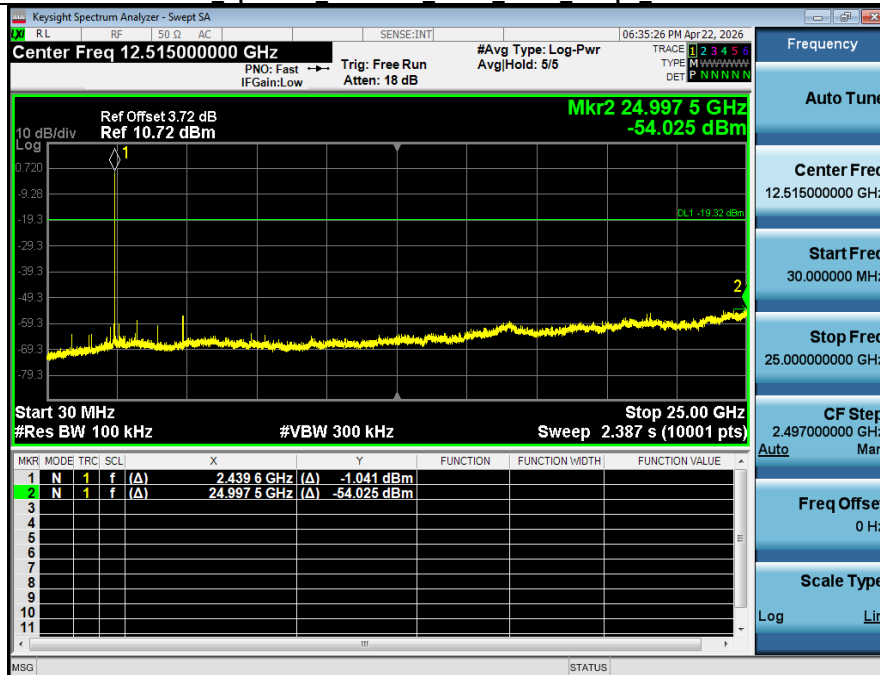
2 Spurious Emission NVNT ANT1 2Mbps 2402



1 Reference Level HVNT ANT1 2Mbps 2440



2 Spurious Emission HVNT ANT1 2Mbps 2440



1 Reference Level NVNT ANT1 2Mbps 2480



2 Spurious Emission NVNT ANT1 2Mbps 2480

