

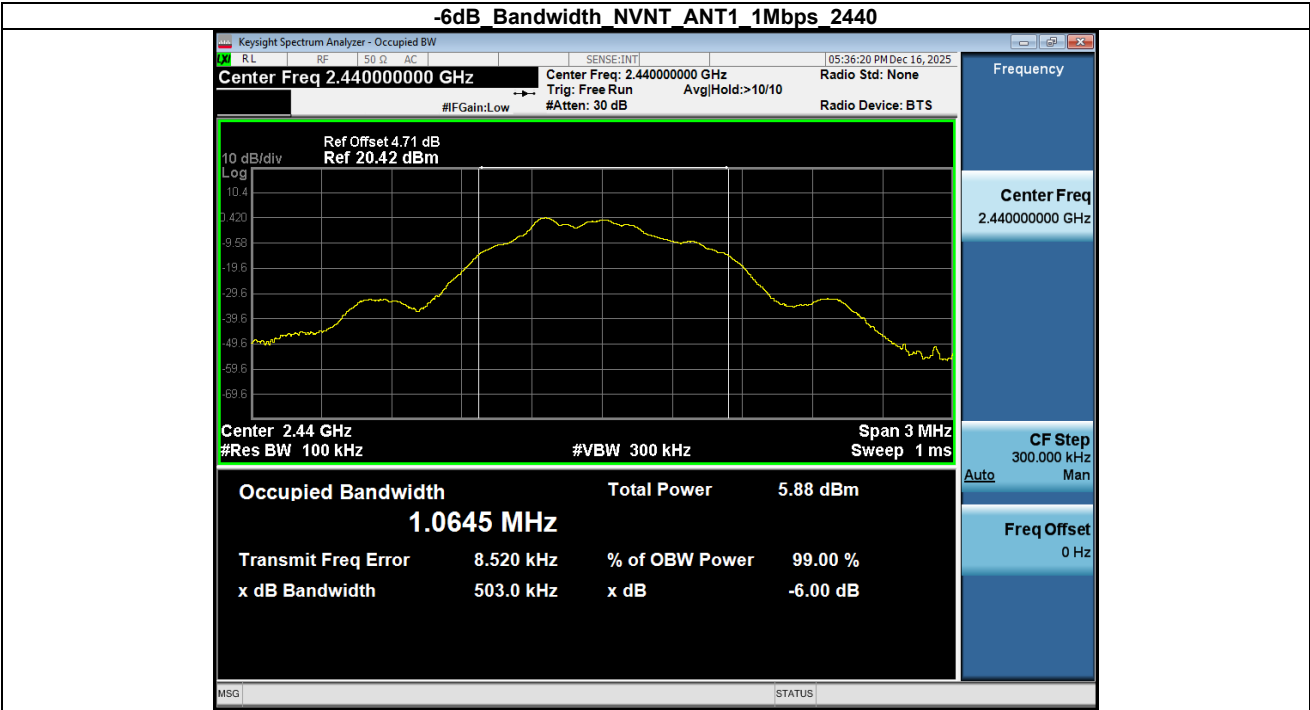
FCC ID_BLE (Part15.247) Test Data
Report No.: BKC25125640ME-1
FCC ID: 2BTTJ-169-ATB1113

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1. -6dB Bandwidth

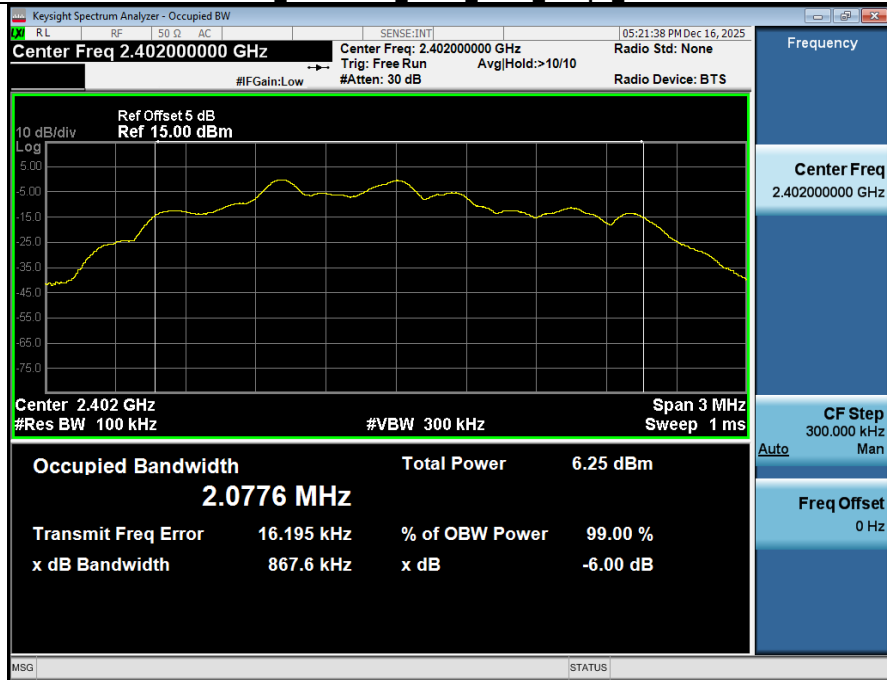
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	508.05	500	Pass
NVNT	ANT1	1Mbps	2440.00	502.99	500	Pass
NVNT	ANT1	1Mbps	2480.00	504.73	500	Pass
NVNT	ANT1	2Mbps	2402.00	867.63	500	Pass
NVNT	ANT1	2Mbps	2440.00	864.50	500	Pass
NVNT	ANT1	2Mbps	2480.00	869.04	500	Pass



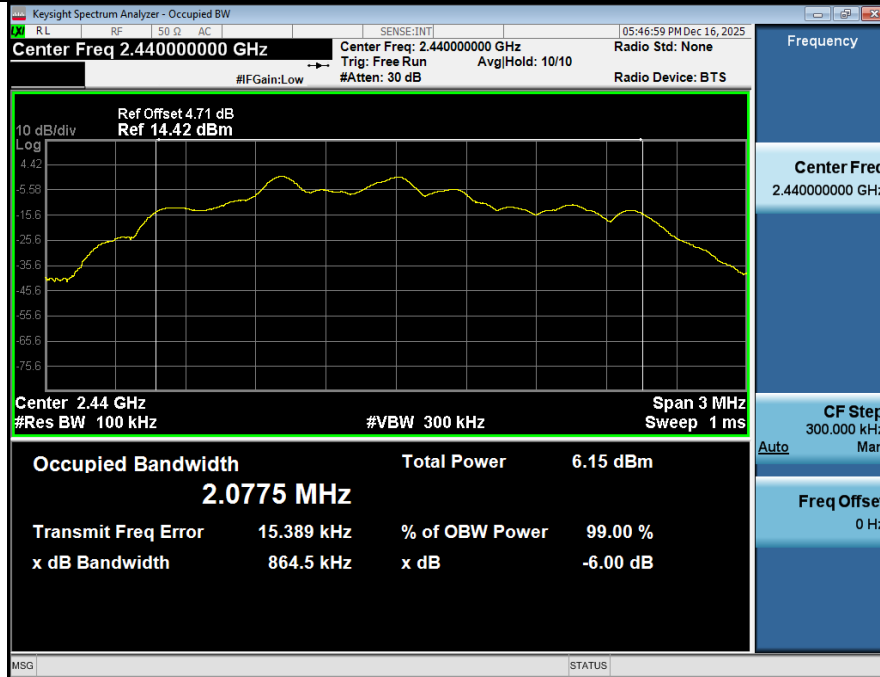
-6dB Bandwidth NVNT ANT1 1Mbps 2480



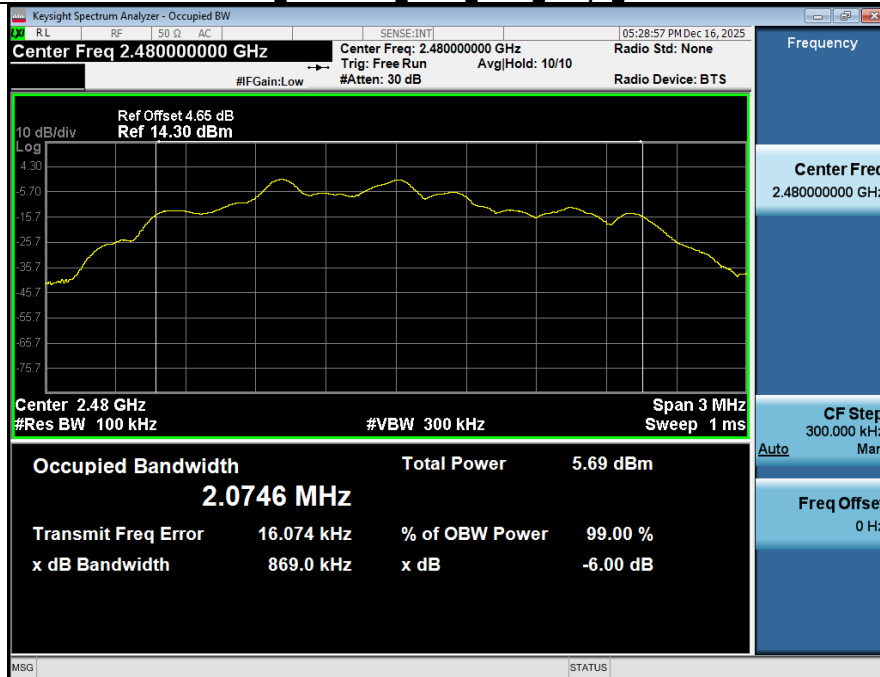
-6dB Bandwidth NVNT ANT1 2Mbps 2402



-6dB Bandwidth NVNT ANT1 2Mbps 2440



-6dB Bandwidth NVNT ANT1 2Mbps 2480



2. 99% Occupied Bandwidth

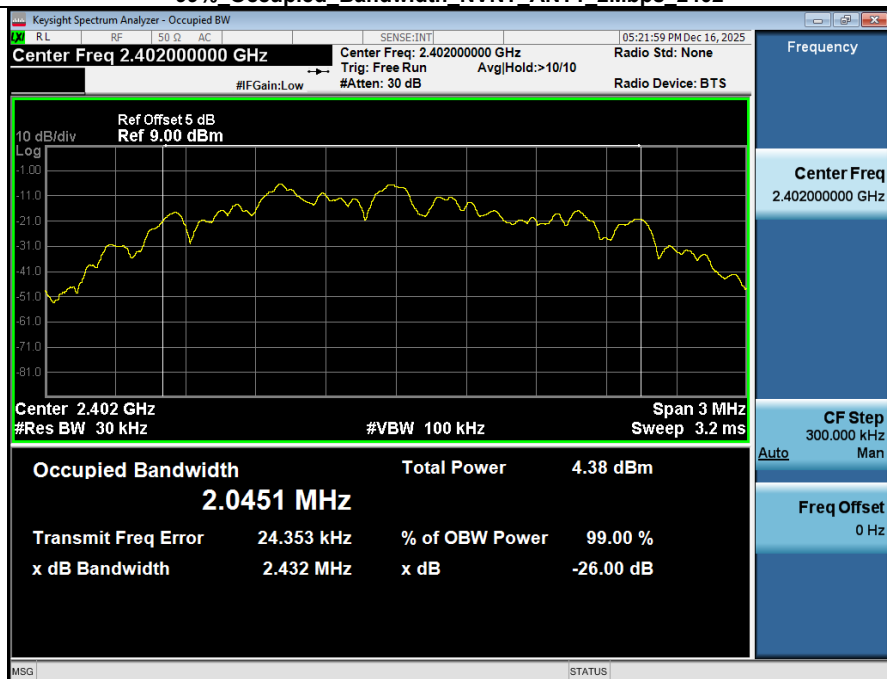
Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.024
NVNT	ANT1	1Mbps	2440.00	1.025
NVNT	ANT1	1Mbps	2480.00	1.025
NVNT	ANT1	2Mbps	2402.00	2.045
NVNT	ANT1	2Mbps	2440.00	2.045
NVNT	ANT1	2Mbps	2480.00	2.043



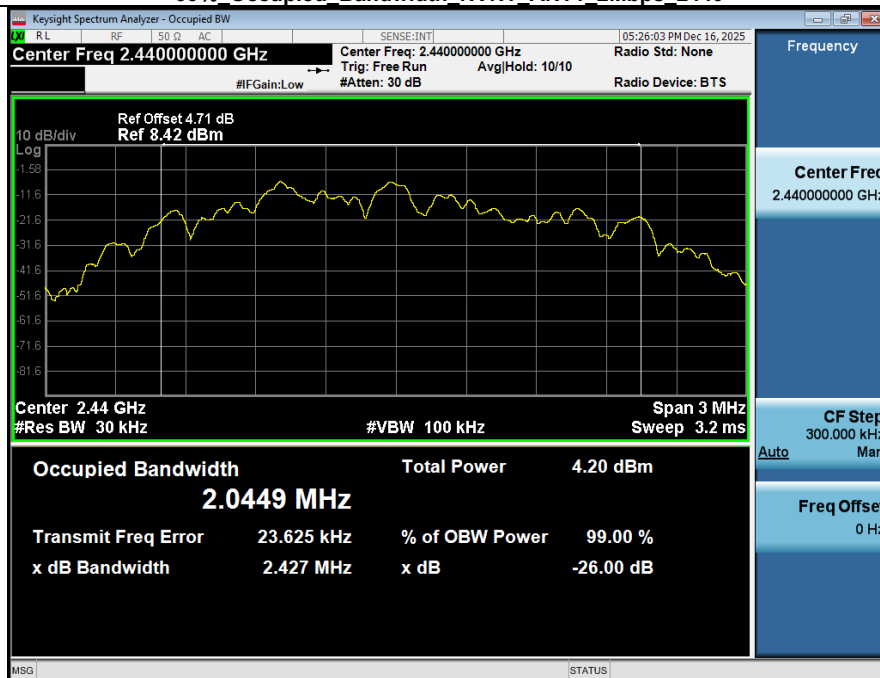
99% Occupied Bandwidth NVNT ANT1 1Mbps 2480



99% Occupied Bandwidth NVNT ANT1 2Mbps 2402



99% Occupied Bandwidth NVNT ANT1 2Mbps 2440

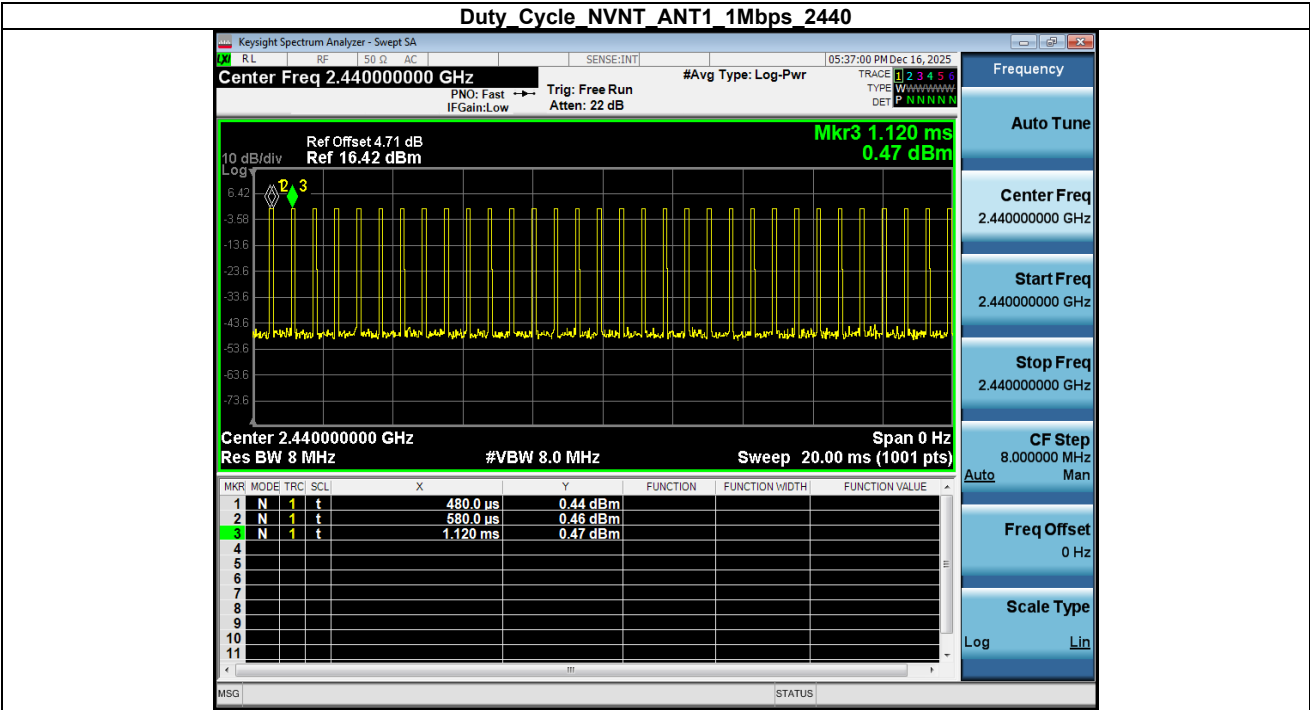
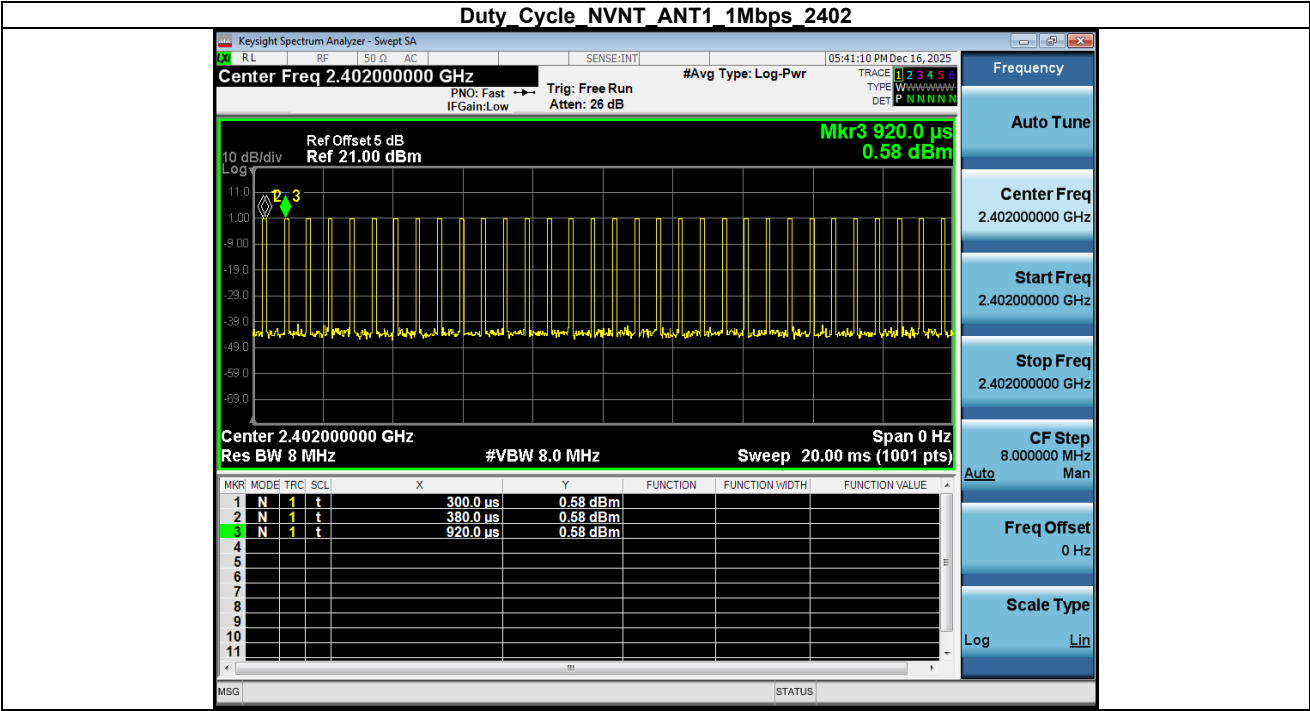


99% Occupied Bandwidth NVNT ANT1 2Mbps 2480

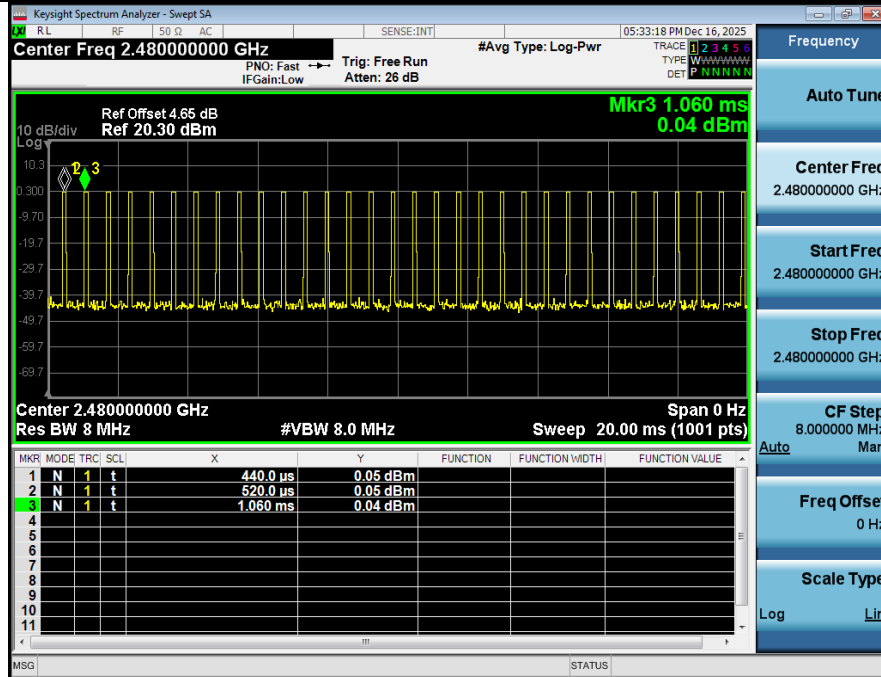


3. Duty Cycle

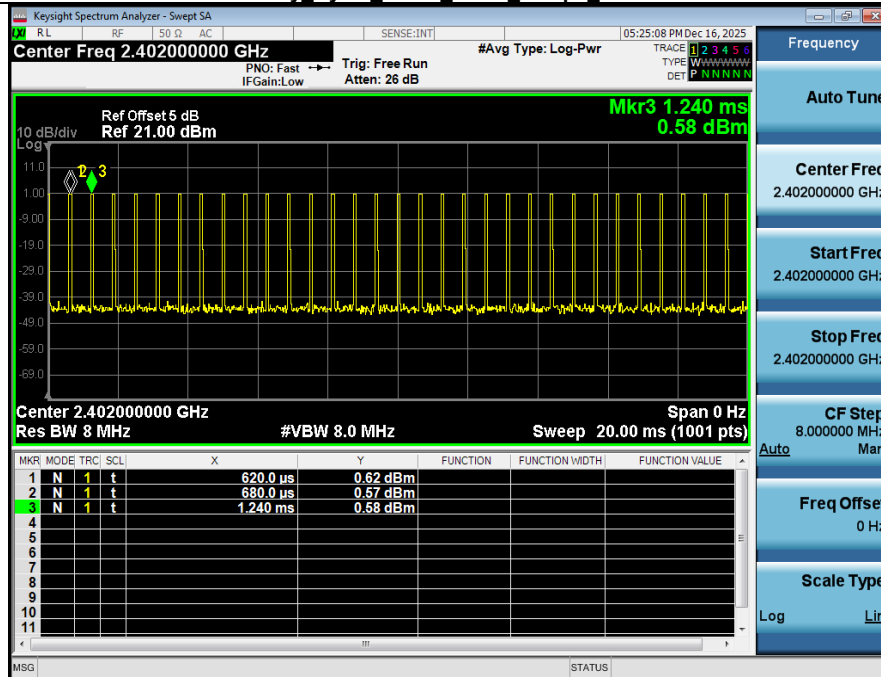
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	12.90	8.89
NVNT	ANT1	1Mbps	2440.00	15.63	8.06
NVNT	ANT1	1Mbps	2480.00	12.90	8.89
NVNT	ANT1	2Mbps	2402.00	12.90	8.89
NVNT	ANT1	2Mbps	2440.00	12.90	8.89
NVNT	ANT1	2Mbps	2480.00	9.68	10.14



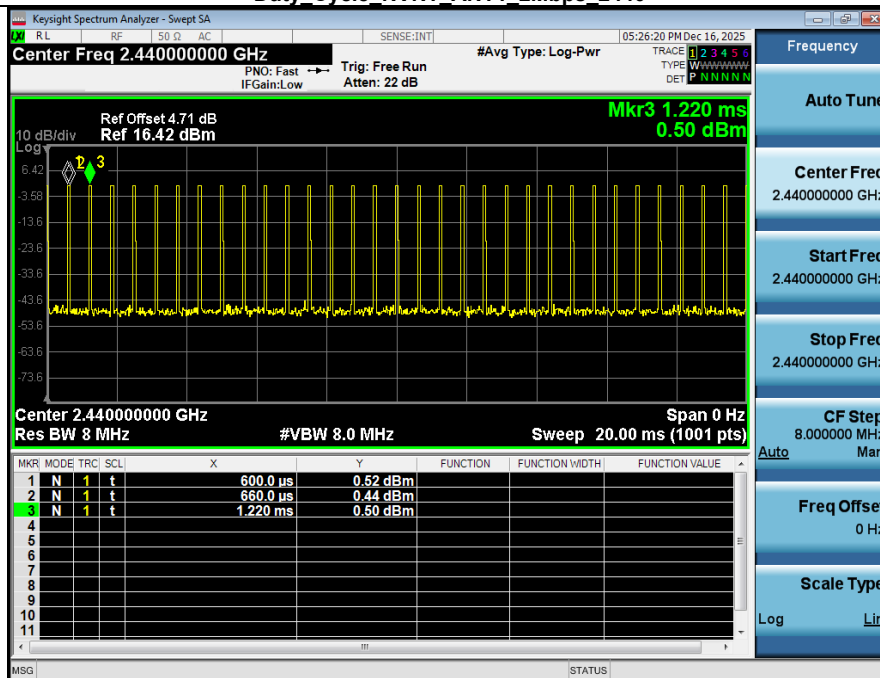
Duty Cycle NVNT_ANT1 1Mbps 2480



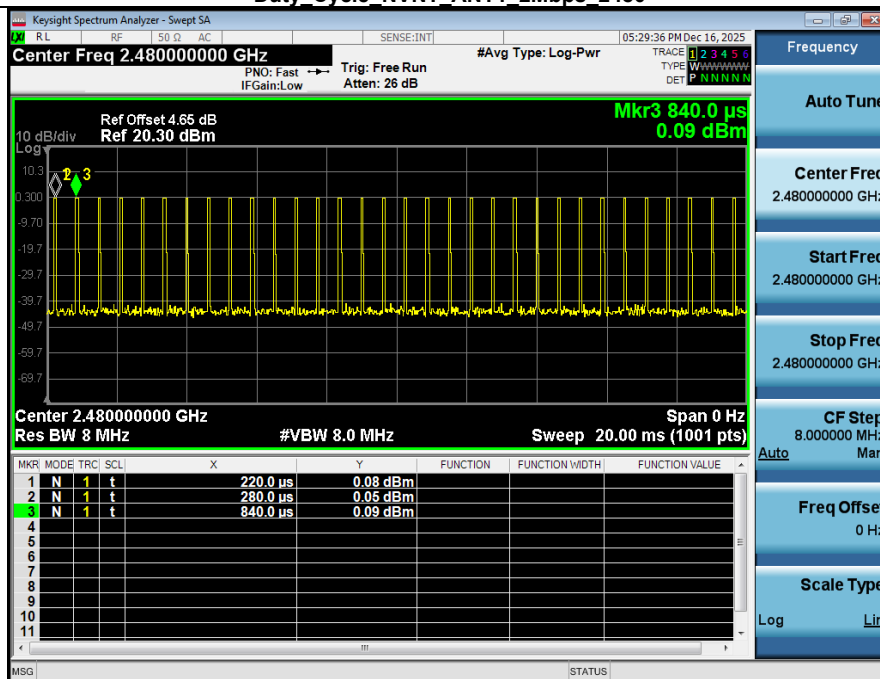
Duty Cycle NVNT_ANT1 2Mbps 2402



Duty Cycle NVNT_ANT1 2Mbps 2440



Duty Cycle NVNT_ANT1 2Mbps 2480

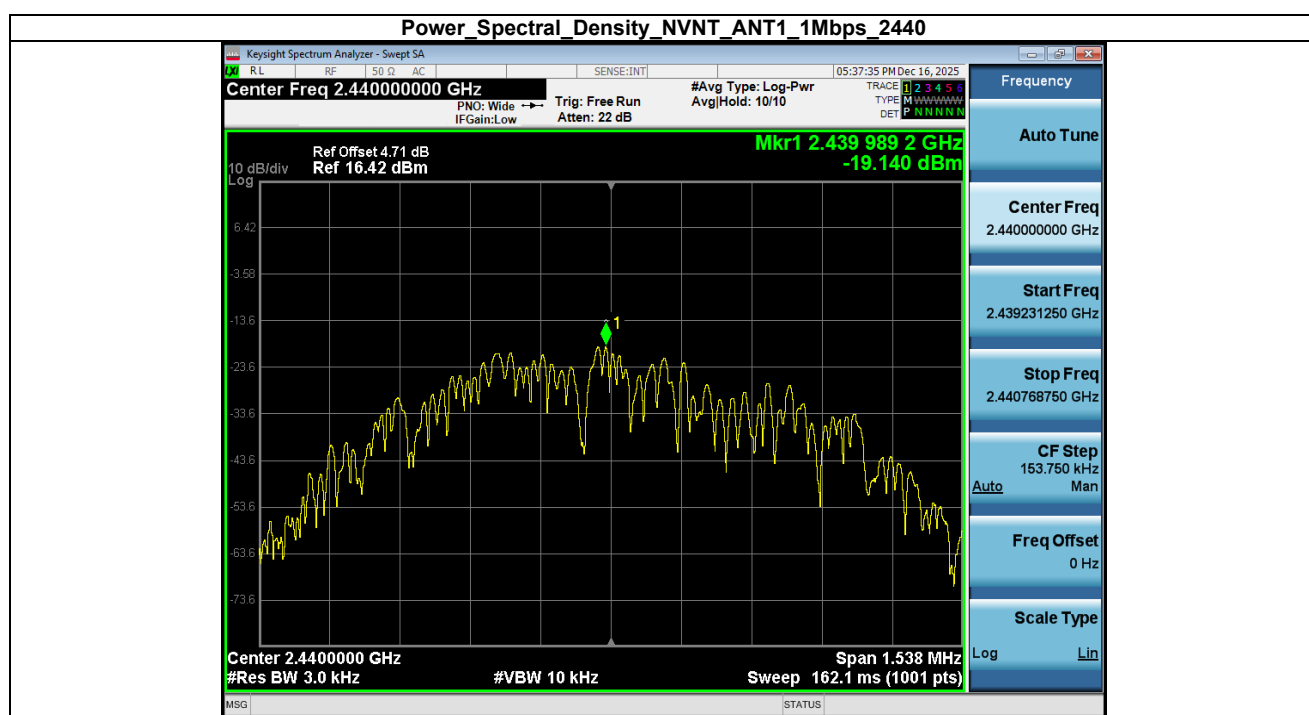
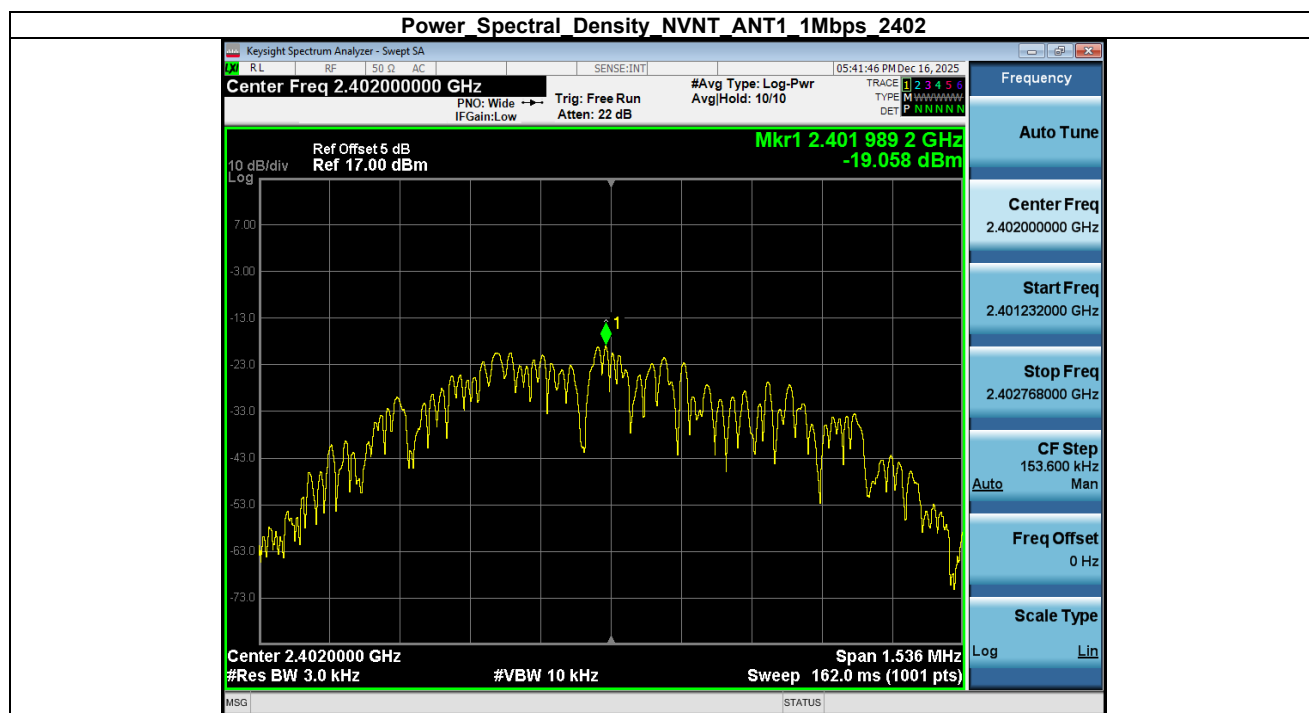


4. Peak Output Power

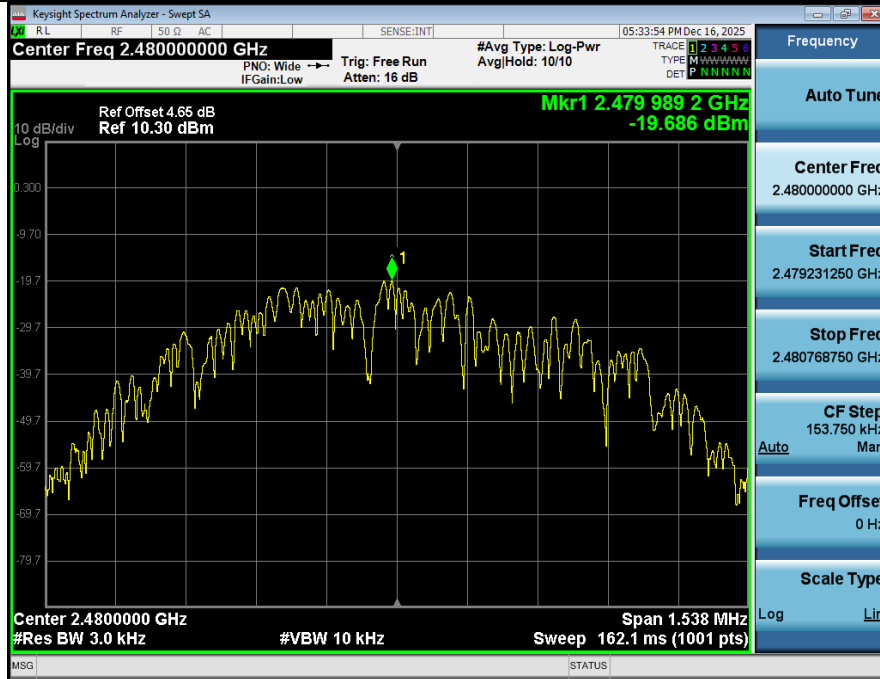
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	0.63	1.16	1000	Pass
NVNT	ANT1	1Mbps	2440.00	0.49	1.12	1000	Pass
NVNT	ANT1	1Mbps	2480.00	0.07	1.02	1000	Pass
NVNT	ANT1	2Mbps	2402.00	0.65	1.16	1000	Pass
NVNT	ANT1	2Mbps	2440.00	0.54	1.13	1000	Pass
NVNT	ANT1	2Mbps	2480.00	0.13	1.03	1000	Pass

5. Power Spectral Density

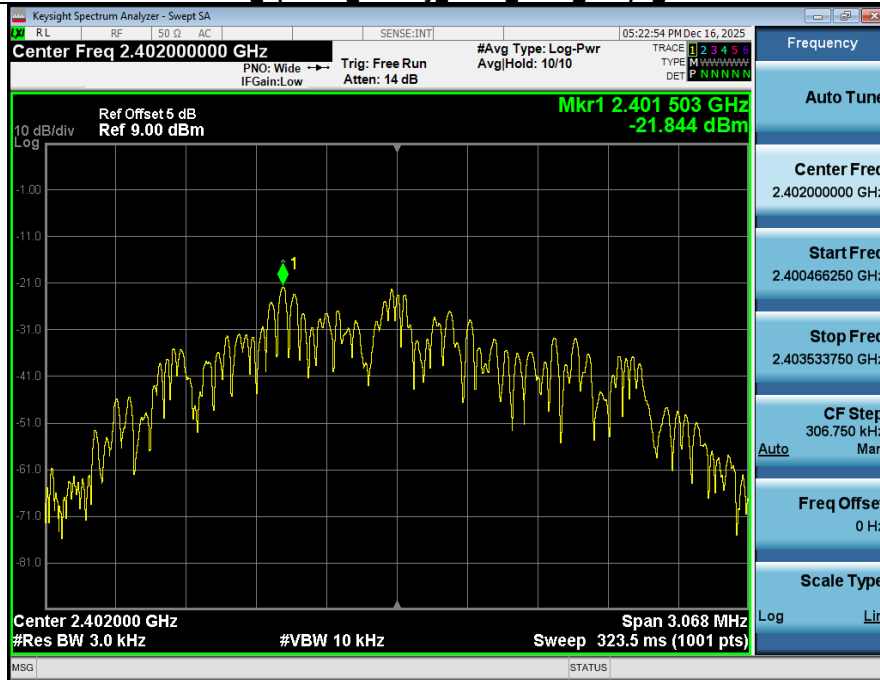
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-19.06	8	Pass
NVNT	ANT1	1Mbps	2440.00	-19.14	8	Pass
NVNT	ANT1	1Mbps	2480.00	-19.69	8	Pass
NVNT	ANT1	2Mbps	2402.00	-21.84	8	Pass
NVNT	ANT1	2Mbps	2440.00	-21.91	8	Pass
NVNT	ANT1	2Mbps	2480.00	-22.40	8	Pass



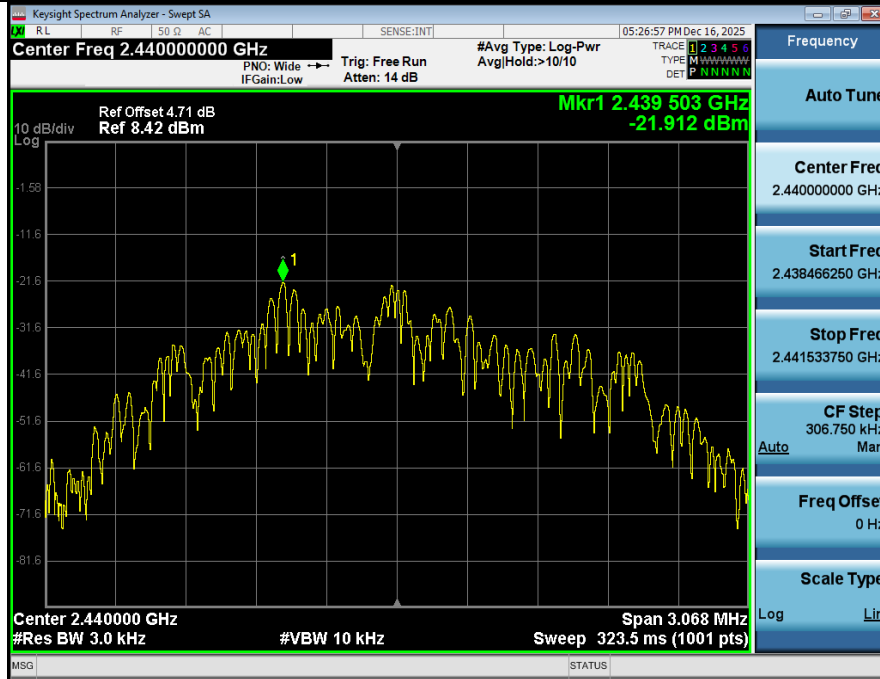
Power Spectral Density NVNT ANT1 1Mbps 2480



Power Spectral Density NVNT ANT1 2Mbps 2402



Power Spectral Density NVNT ANT1 2Mbps 2440

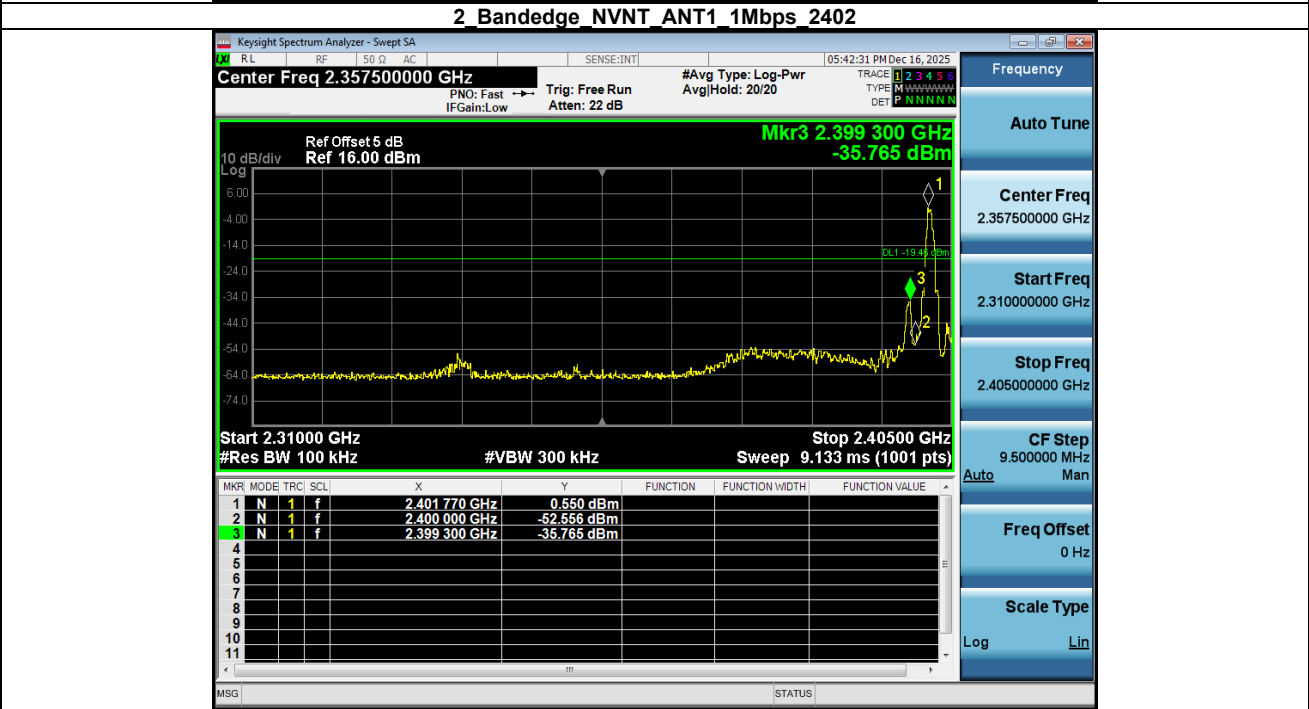


Power Spectral Density NVNT ANT1 2Mbps 2480



6. Bandedge

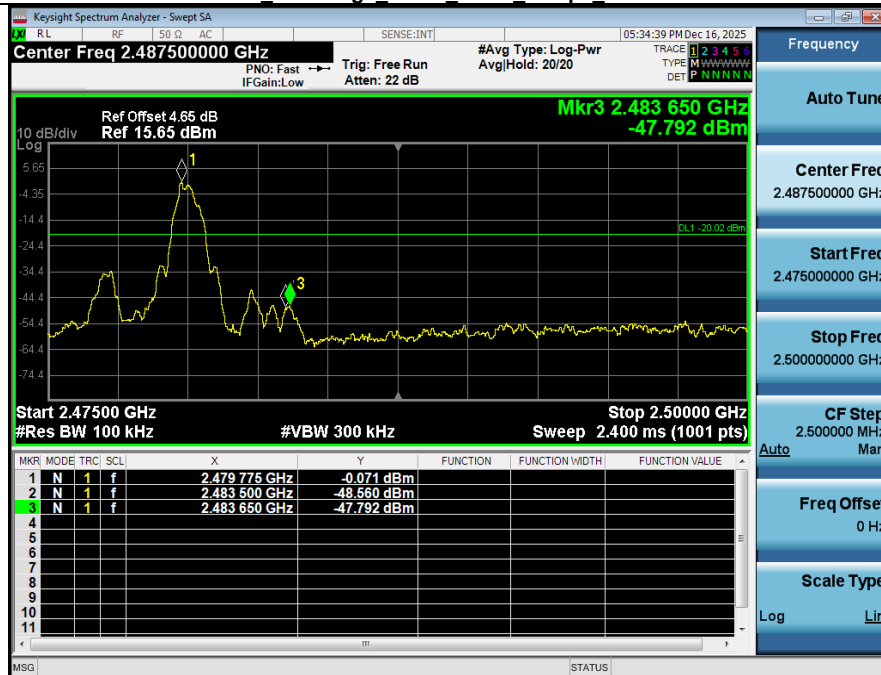
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.300	0.536	-35.765	-19.464	Pass
NVNT	ANT1	1Mbps	2480.00	2483.650	-0.019	-47.792	-20.019	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	-0.151	-31.018	-20.151	Pass
NVNT	ANT1	2Mbps	2480.00	2484.050	-0.714	-49.609	-20.714	Pass



1 Reference Level NVNT ANT1 1Mbps 2480



2 Bandedge NVNT ANT1 1Mbps 2480



1 Reference Level NVNT ANT1 2Mbps 2402



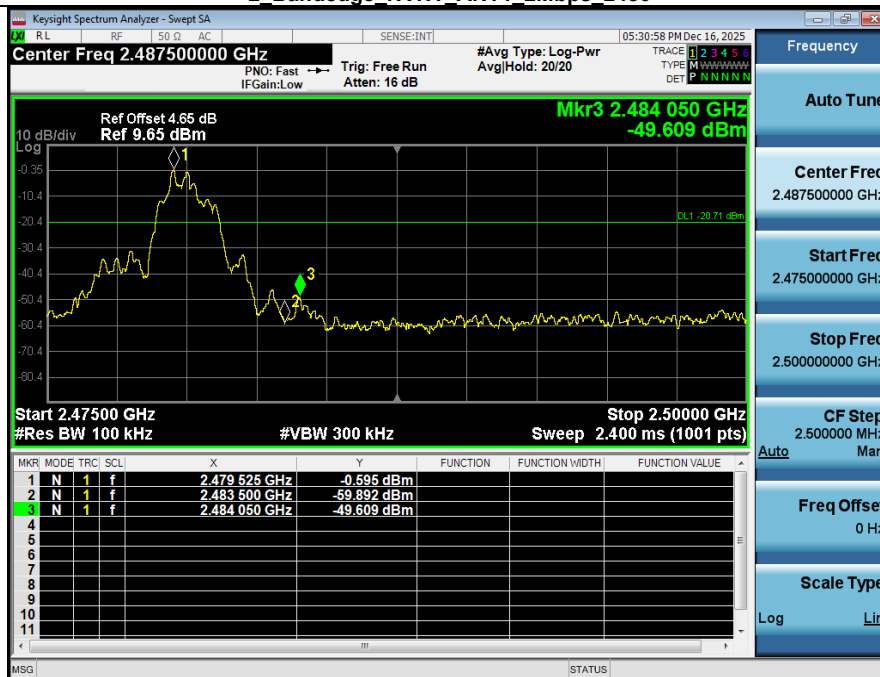
2 Bandedge NVNT ANT1 2Mbps 2402



1 Reference Level NVNT ANT1 2Mbps 2480



2 Bandedge NVNT ANT1 2Mbps 2480



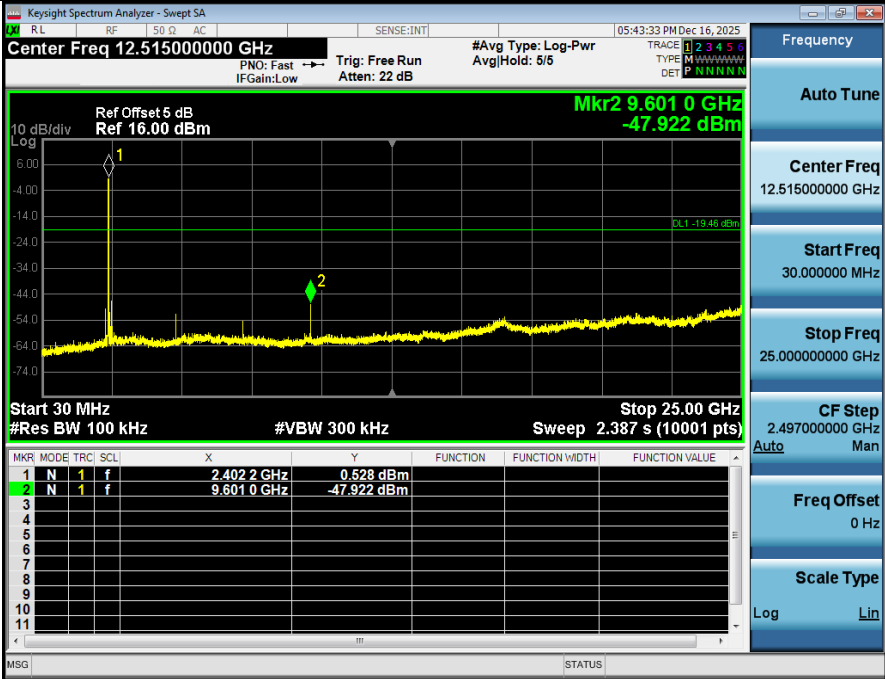
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	0.536	-47.922	-19.464	Pass
NVNT	ANT1	1Mbps	2440.00	0.369	-30.872	-19.631	Pass
NVNT	ANT1	1Mbps	2480.00	-0.019	-41.024	-20.019	Pass
NVNT	ANT1	2Mbps	2402.00	-0.151	-47.942	-20.151	Pass
NVNT	ANT1	2Mbps	2440.00	-0.284	-47.438	-20.284	Pass
NVNT	ANT1	2Mbps	2480.00	-0.714	-35.405	-20.714	Pass

1 Reference Level NVNT ANT1 1Mbps 2402



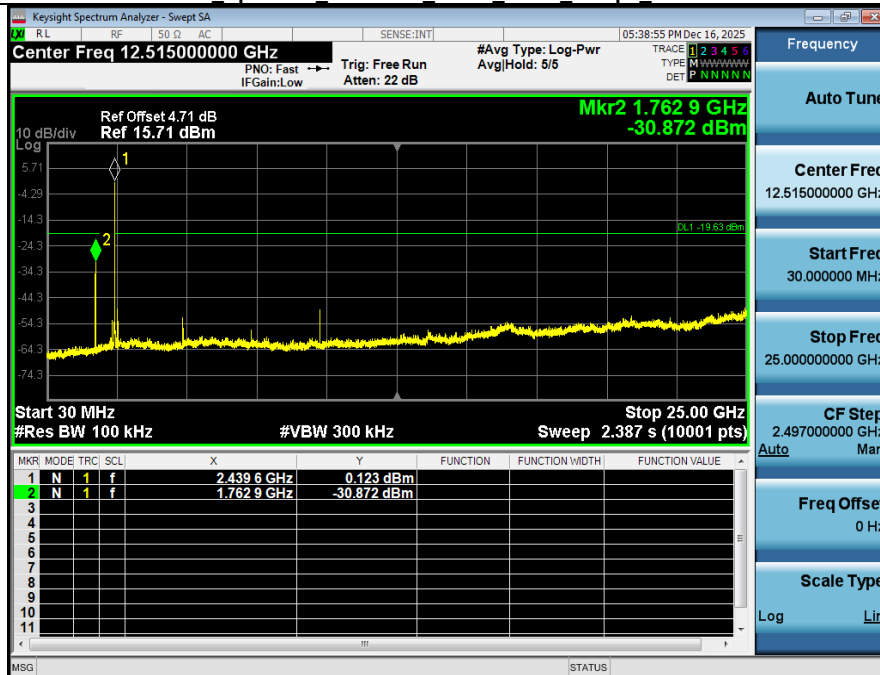
2 Spurious Emission NVNT ANT1 1Mbps 2402



1 Reference Level NVNT ANT1 1Mbps 2440



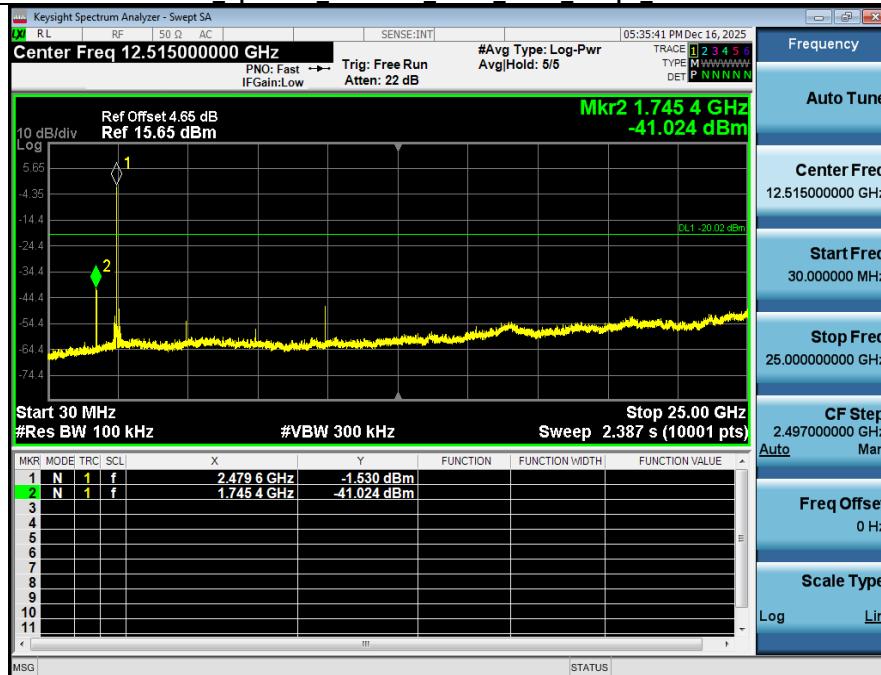
2 Spurious Emission NVNT ANT1 1Mbps 2440



1 Reference Level NVNT ANT1 1Mbps 2480



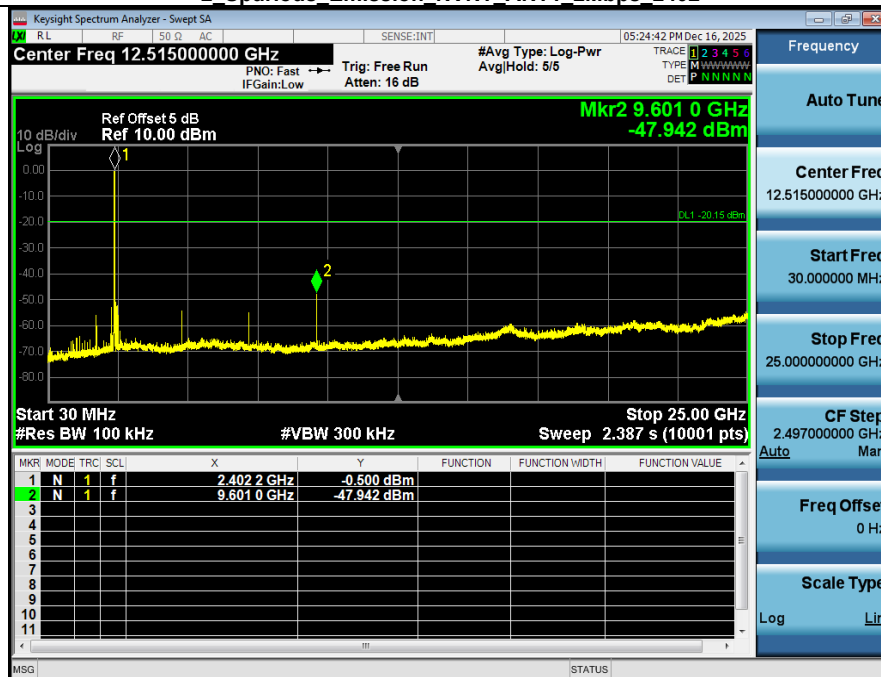
2 Spurious Emission NVNT ANT1 1Mbps 2480



1 Reference Level NVNT ANT1 2Mbps 2402



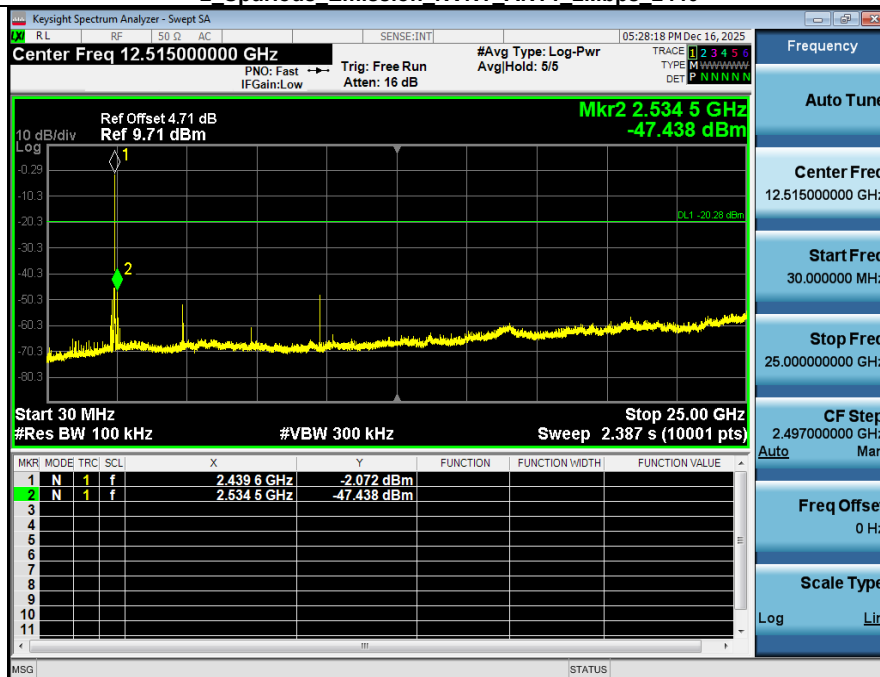
2 Spurious Emission NVNT ANT1 2Mbps 2402



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

