

NCT26017833X FCC ID BLE FCC_BLE (Part15.247) Test Data FCC ID:2A4LH-PNW54

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1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	505.89	500	Pass
NVNT	ANT1	1Mbps	2440.00	508.59	500	Pass
NVNT	ANT1	1Mbps	2480.00	507.90	500	Pass





2. 99% Occupied Bandwidth

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

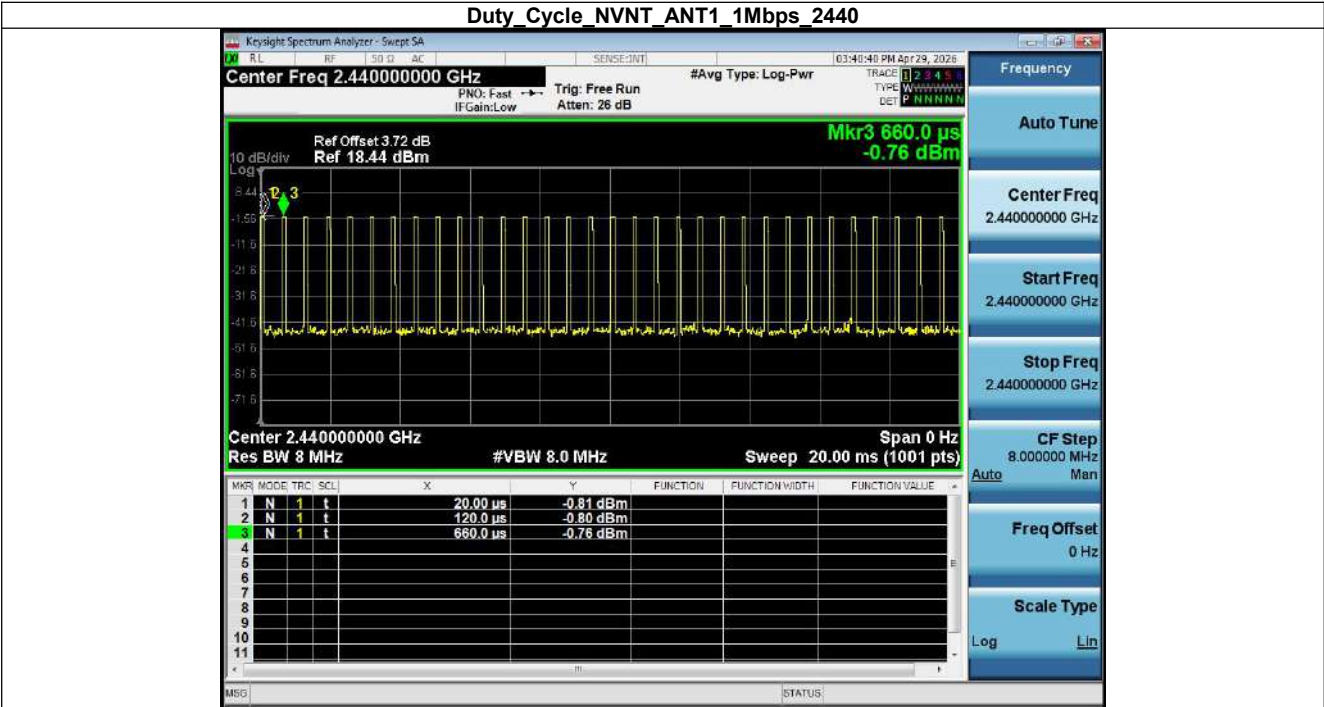
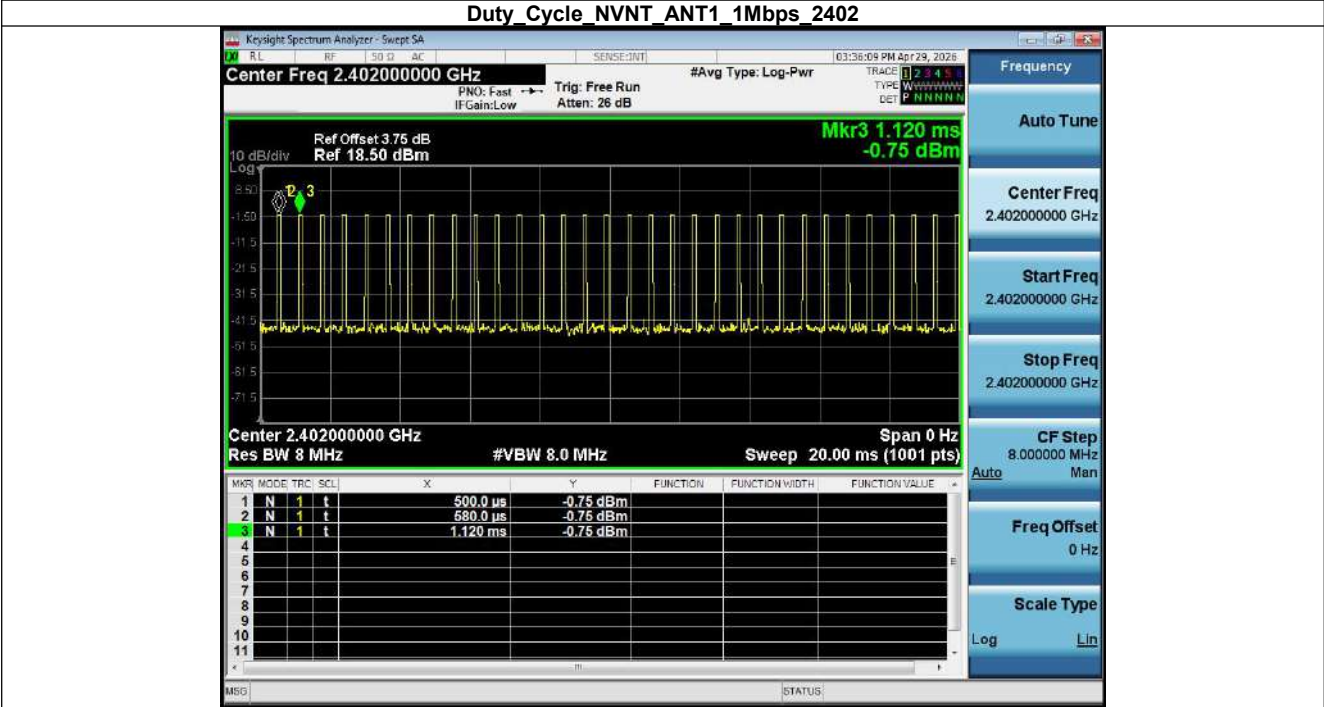


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

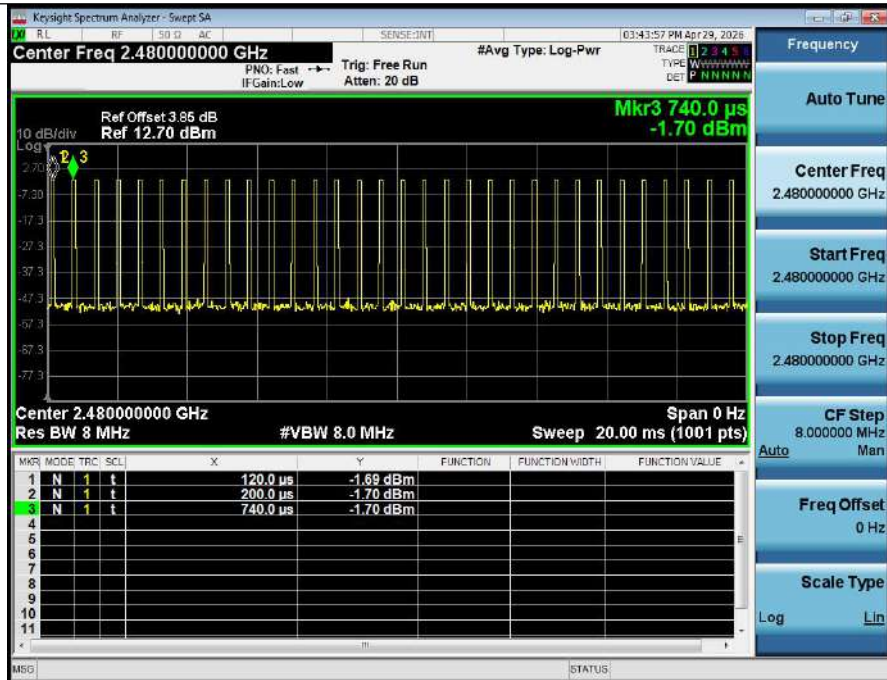


3. Duty Cycle

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



Duty Cycle NVNT_ANT1_1Mbps_2480

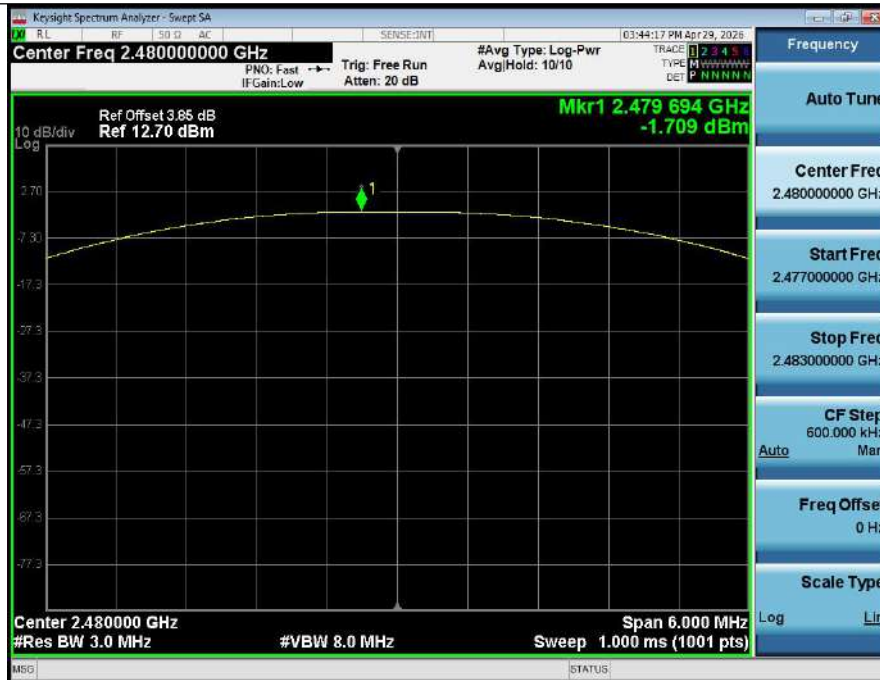


4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.75	0.84	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.76	0.84	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.71	0.67	1000	Pass



Peak_Output_Power_NVNT_ANT1_1Mbps_2480

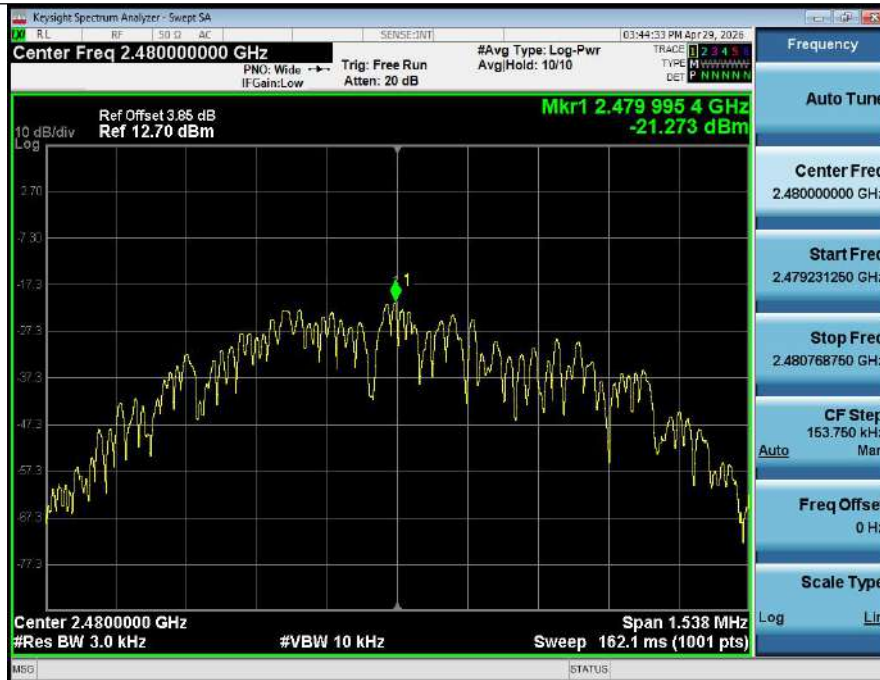


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-20.41	8	Pass
NVNT	ANT1	1Mbps	2440.00	-20.43	8	Pass
NVNT	ANT1	1Mbps	2480.00	-21.27	8	Pass



Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



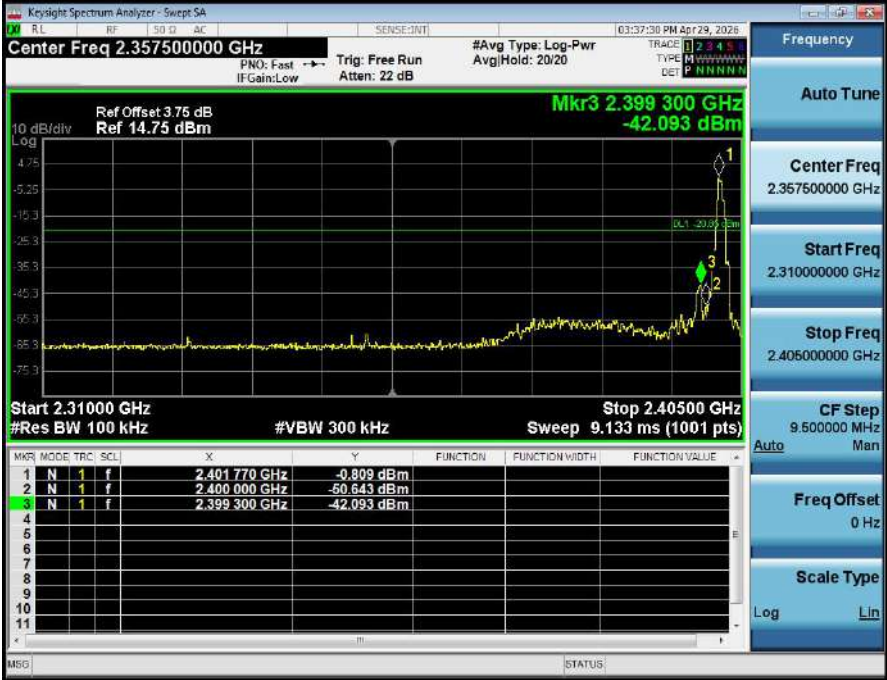
6. Bandedge

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	-0.845	-42.093	-20.845	Pass
NVNT	ANT1	1Mbps	2480.00	2496.225	-1.759	-55.653	-21.759	Pass

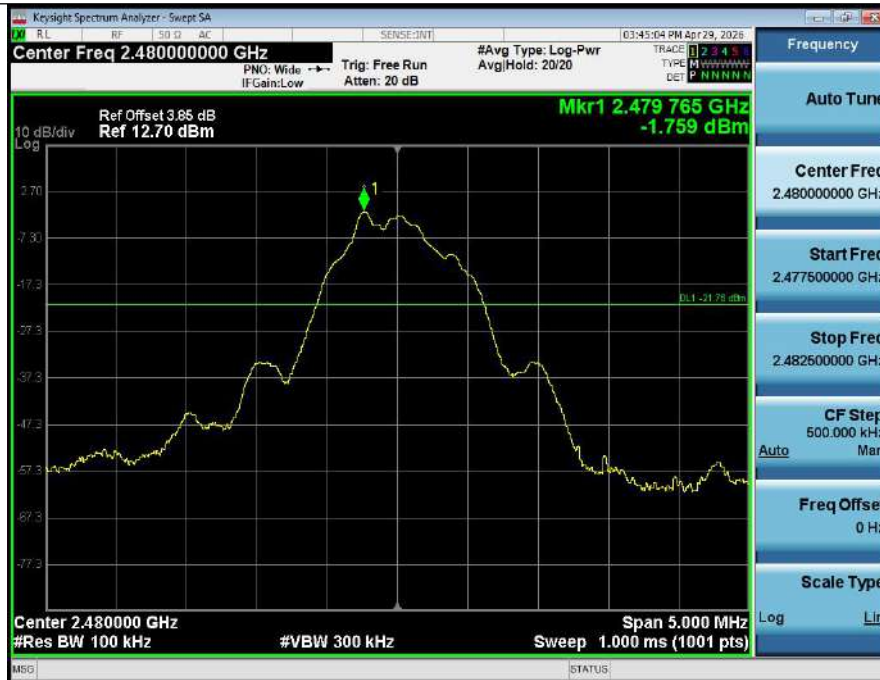
1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Bandedge_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2480

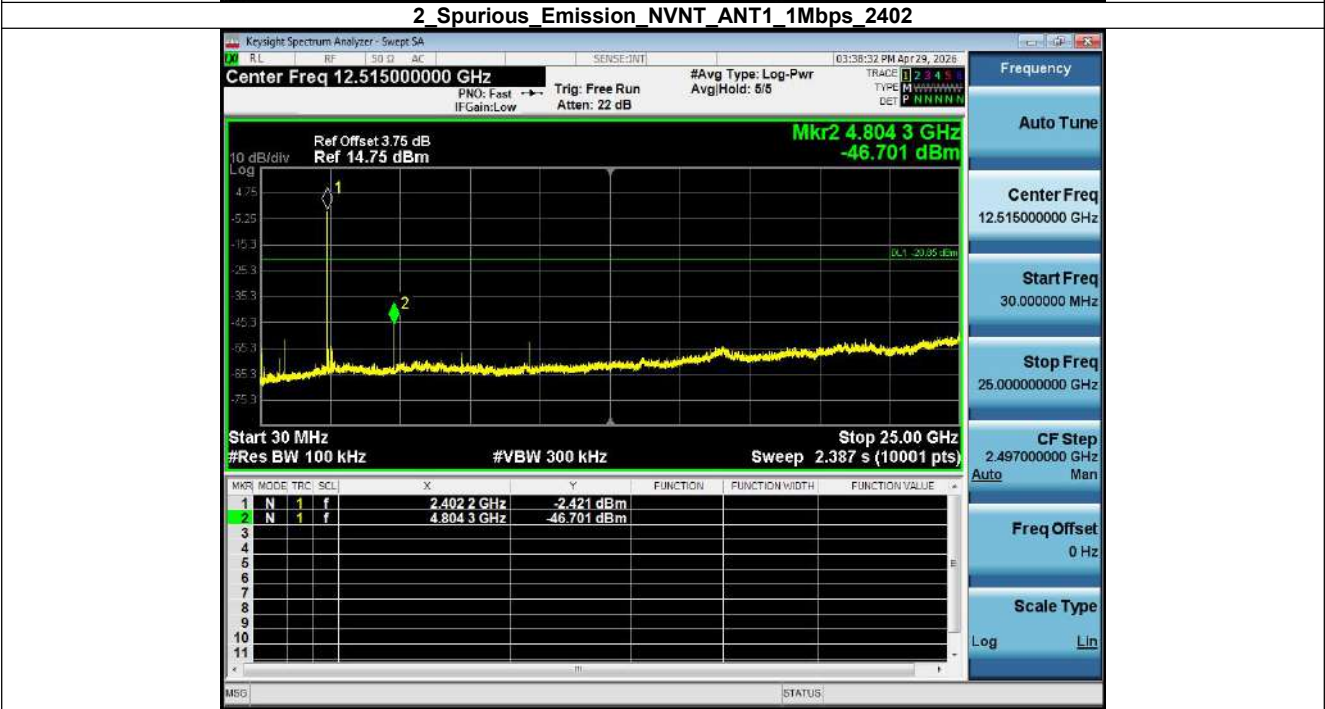


2_Bandedge_NVNT_ANT1_1Mbps_2480

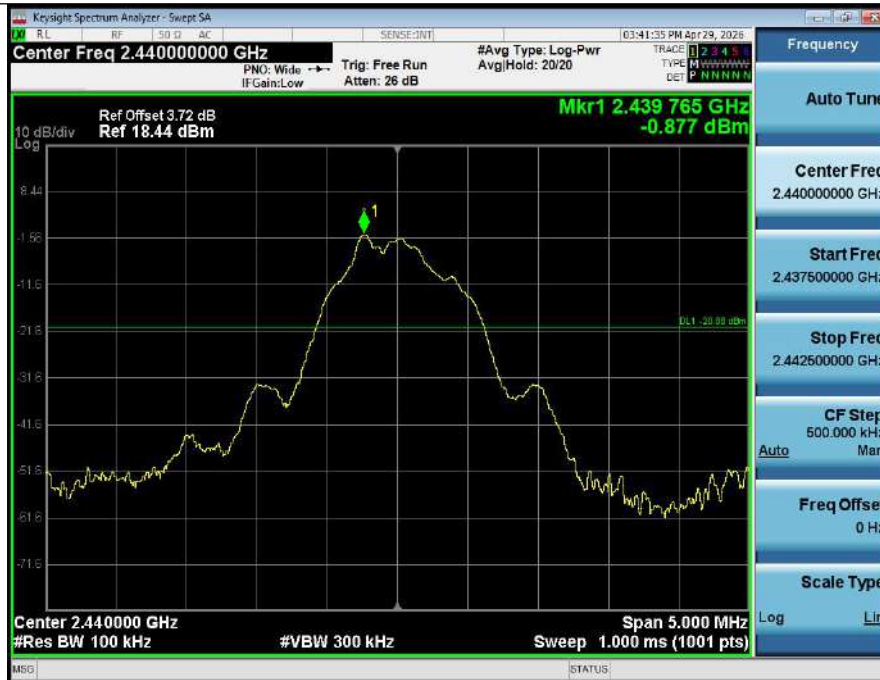


7. Spurious Emission

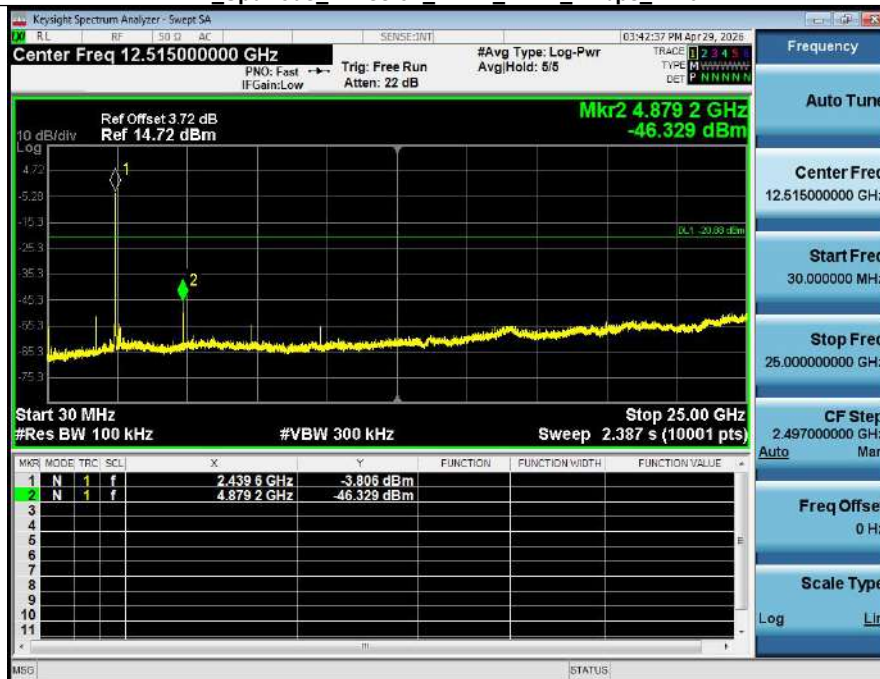
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.845	-46.701	-20.845	Pass
NVNT	ANT1	1Mbps	2440.00	-0.877	-46.329	-20.877	Pass
NVNT	ANT1	1Mbps	2480.00	-1.759	-42.738	-21.759	Pass



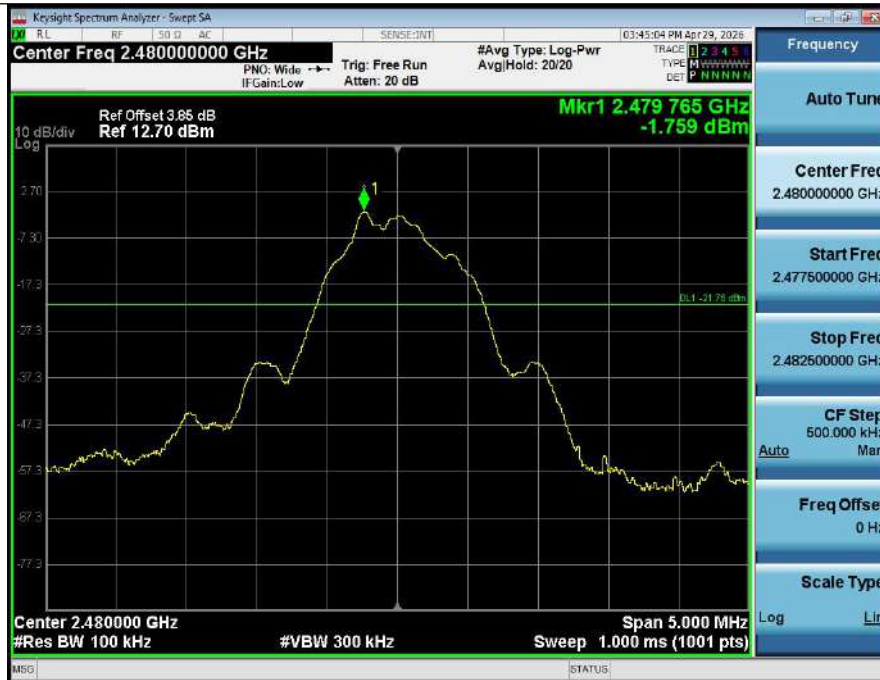
1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

