

4. MAX. Output Power

Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	Conducted Power limit(dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP Limit(dBm)	Result
ANT1	802.11b	2412.00	Peak	19.60	30	2.21	21.81	36	Pass
ANT1	802.11b	2437.00	Peak	19.74	30	2.21	21.95	36	Pass
ANT1	802.11b	2462.00	Peak	19.86	30	2.21	22.07	36	Pass
ANT1	802.11g	2412.00	Peak	20.49	30	2.21	22.7	36	Pass
ANT1	802.11g	2437.00	Peak	20.81	30	2.21	23.02	36	Pass
ANT1	802.11g	2462.00	Peak	21.12	30	2.21	23.33	36	Pass
ANT1	802.11n(HT20)	2412.00	Peak	20.65	30	2.21	22.86	36	Pass
ANT1	802.11n(HT20)	2437.00	Peak	21.11	30	2.21	23.32	36	Pass
ANT1	802.11n(HT20)	2462.00	Peak	21.37	30	2.21	23.58	36	Pass

5. Power Spectral Density

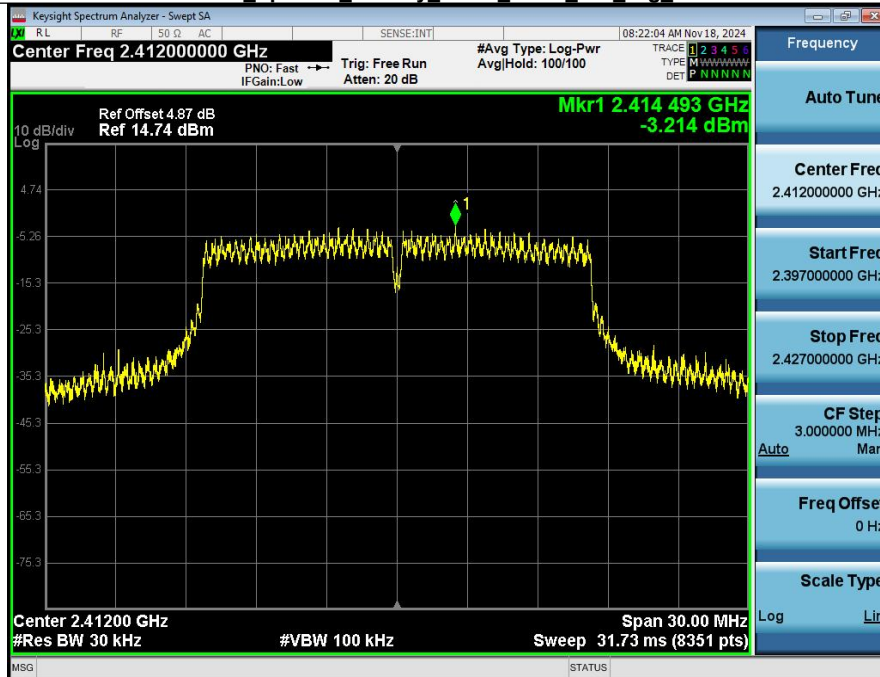
Condition	Antenna	Modulation	Frequency (MHz)	SA_PSD(dBm/30kHz)	RB factor(dB)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	6.07	-10.00	-3.93	8	Pass
NVNT	ANT1	802.11b	2437.00	4.95	-10.00	-5.05	8	Pass
NVNT	ANT1	802.11b	2462.00	3.37	-10.00	-6.63	8	Pass
NVNT	ANT1	802.11g	2412.00	-3.21	-10.00	-13.21	8	Pass
NVNT	ANT1	802.11g	2437.00	-2.30	-10.00	-12.30	8	Pass
NVNT	ANT1	802.11g	2462.00	-2.43	-10.00	-12.43	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-3.04	-10.00	-13.04	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-4.13	-10.00	-14.13	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-3.16	-10.00	-13.16	8	Pass



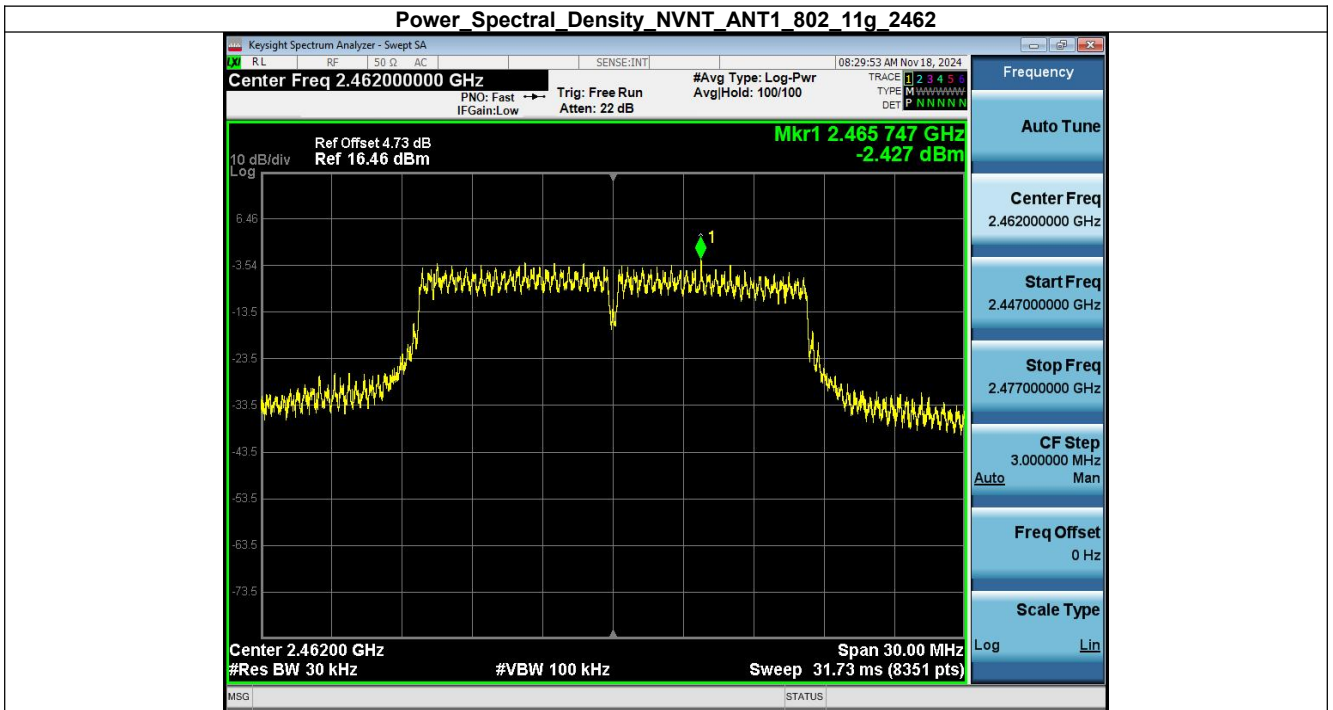
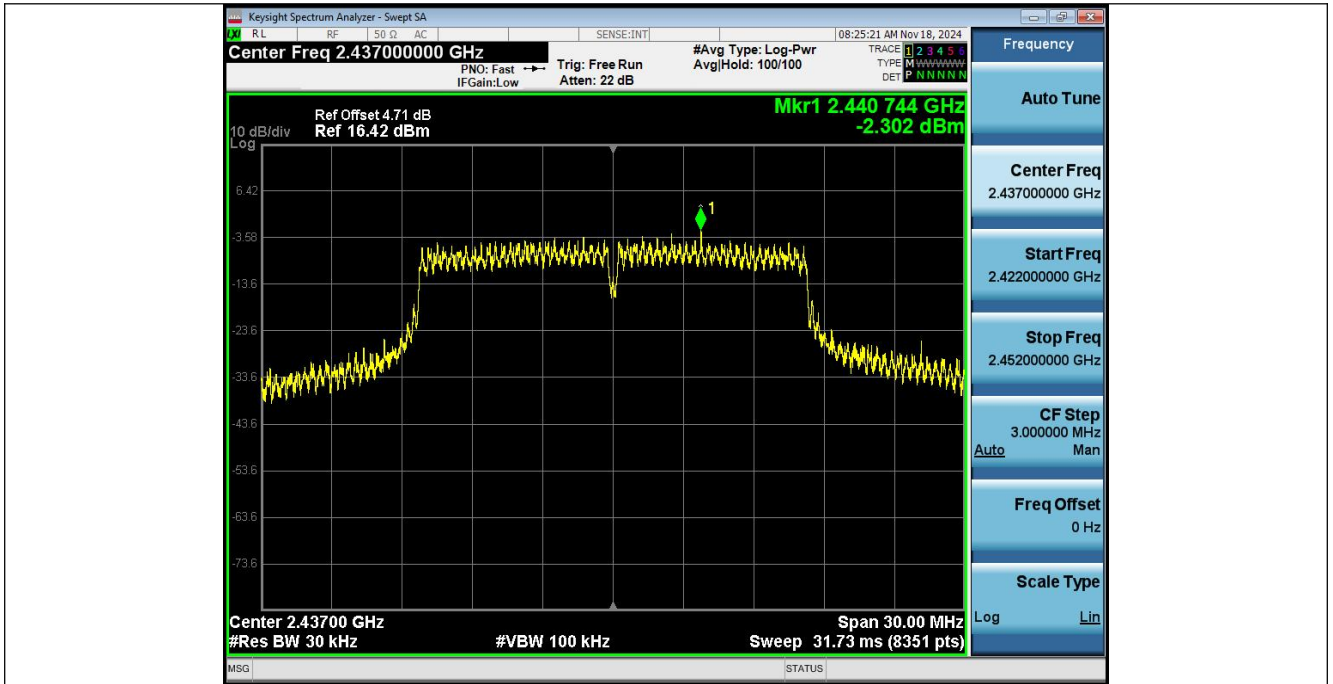
Power Spectral Density NVNT_ANT1_802_11b_2462



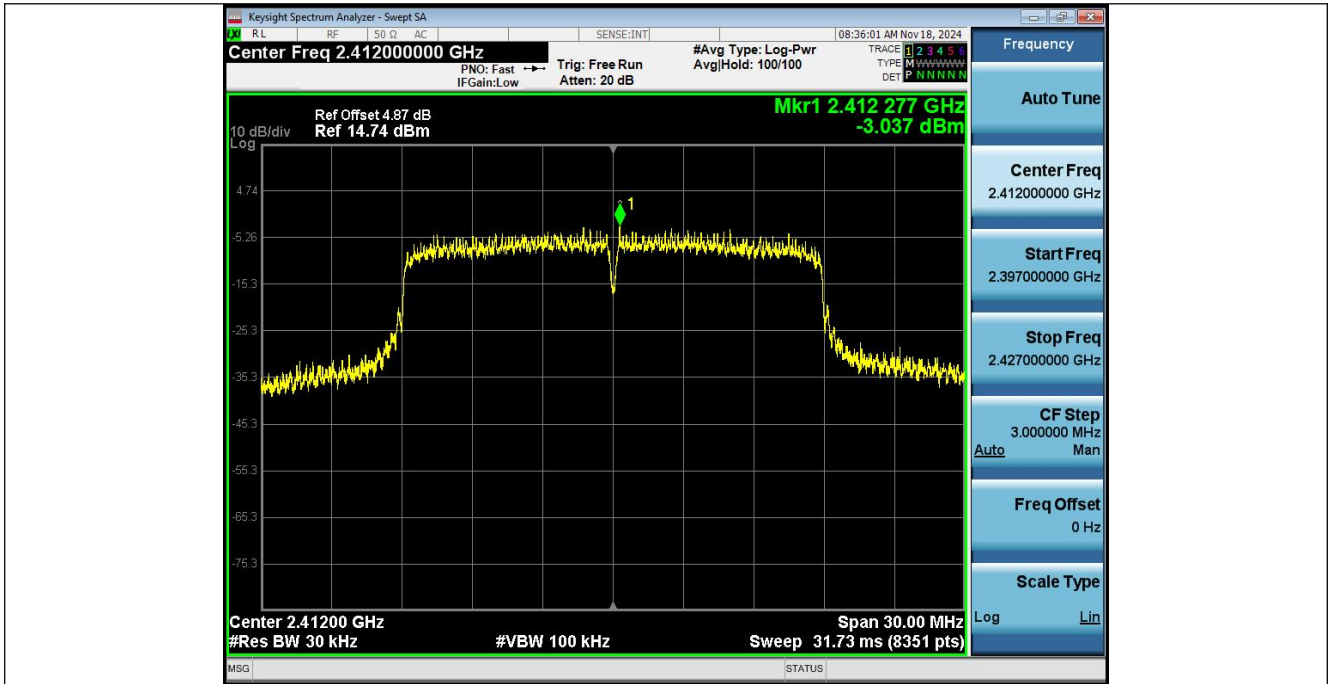
Power Spectral Density NVNT_ANT1_802_11g_2412



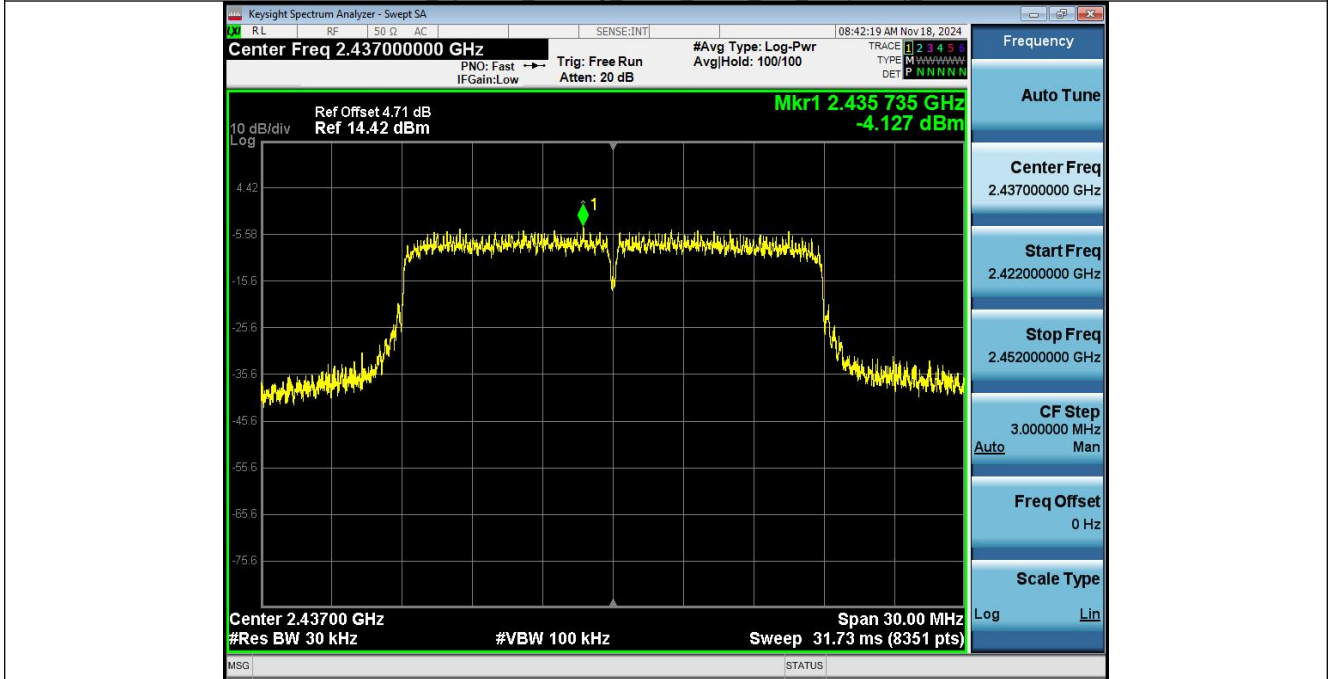
Power Spectral Density NVNT_ANT1_802_11g_2437



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



Power Spectral Density NVNT ANT1 802 11n(HT20) 2437

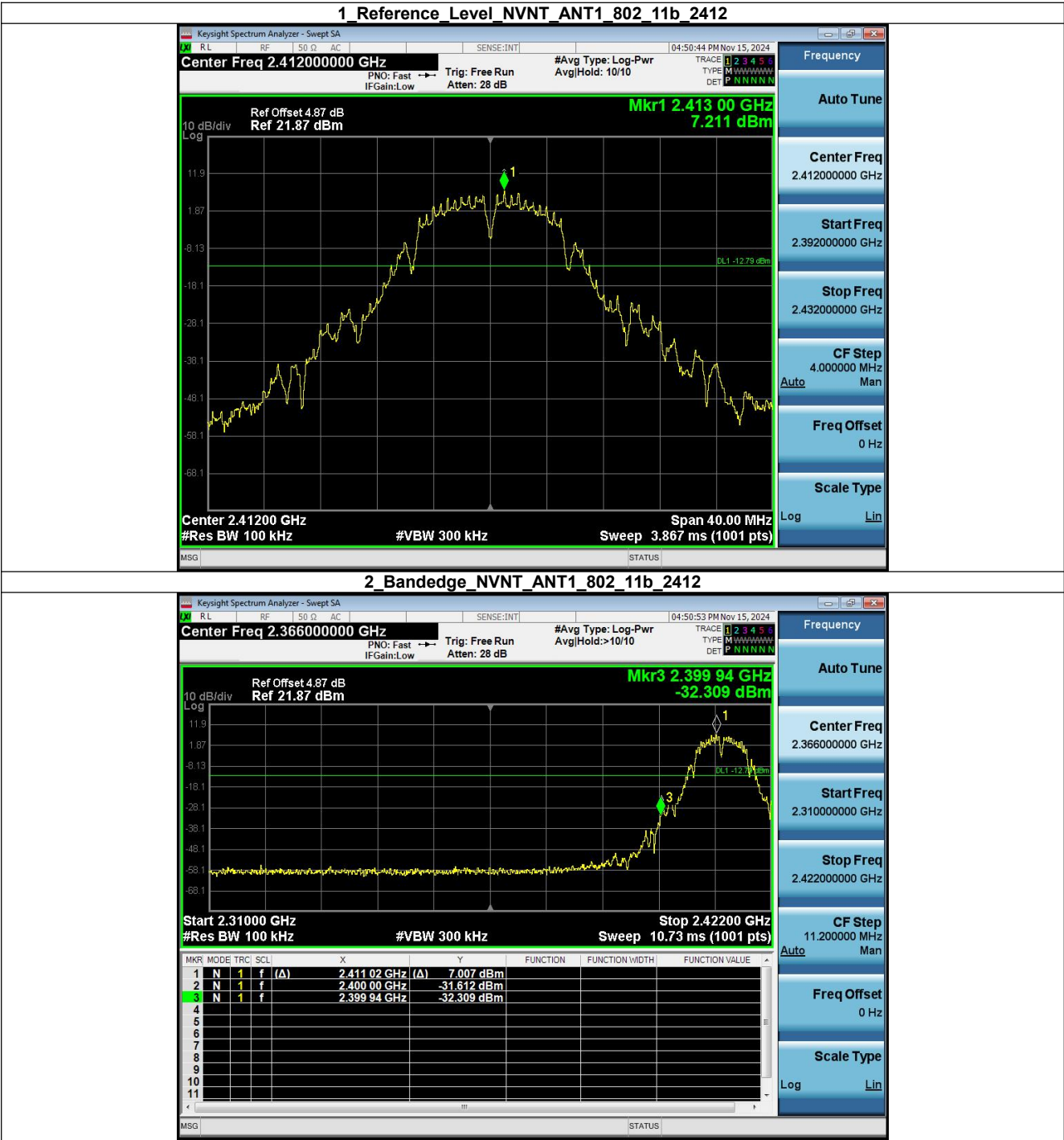


Power Spectral Density NVNT ANT1 802 11n(HT20) 2462



6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2399.936	-32.309	-12.789	Pass
NVNT	ANT1	802.11b	2462.00	2483.536	-44.451	-12.807	Pass
NVNT	ANT1	802.11g	2412.00	2399.152	-26.367	-18.634	Pass
NVNT	ANT1	802.11g	2462.00	2483.872	-39.154	-18.239	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.600	-26.696	-18.404	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2483.680	-36.221	-19.067	Pass

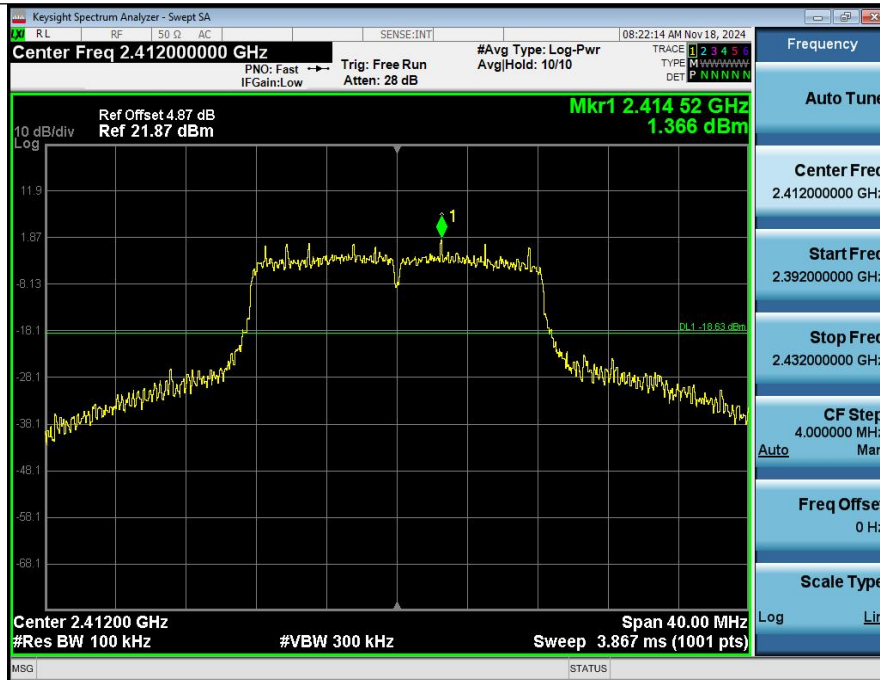




2_Bandedge_NVNT_ANT1_802_11b_2462



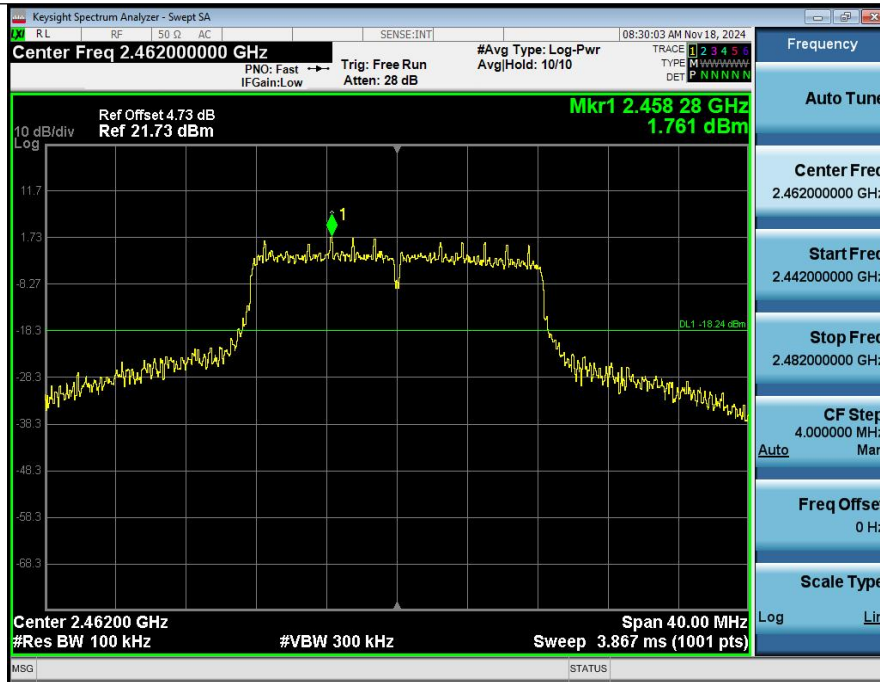
1_Reference_Level_NVNT_ANT1_802_11g_2412



2_Bandedge_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2462



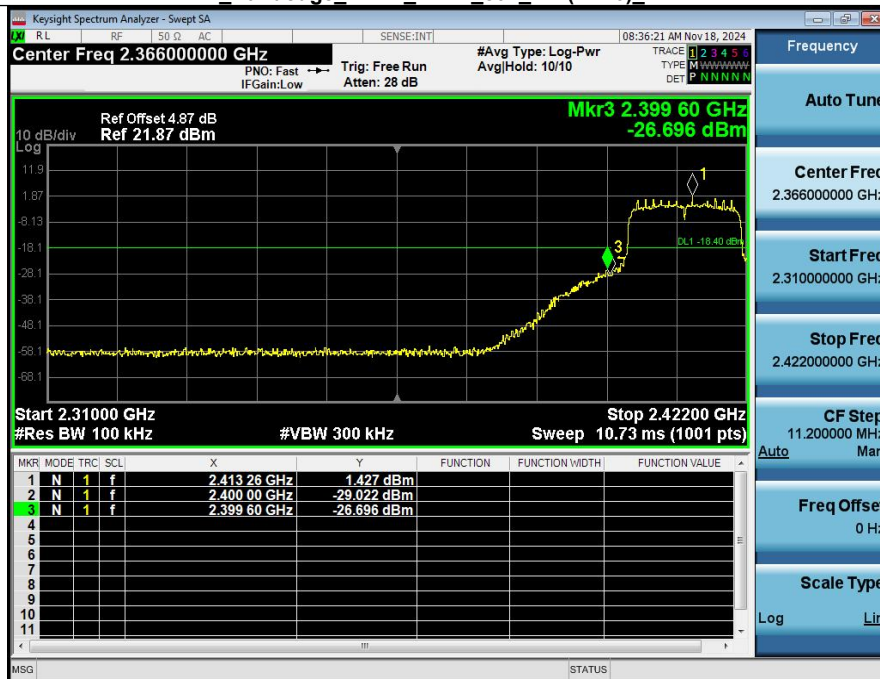
2_Bandedge_NVNT_ANT1_802_11g_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



2_Bandedge_NVNT_ANT1_802_11n(HT20)_2412



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462

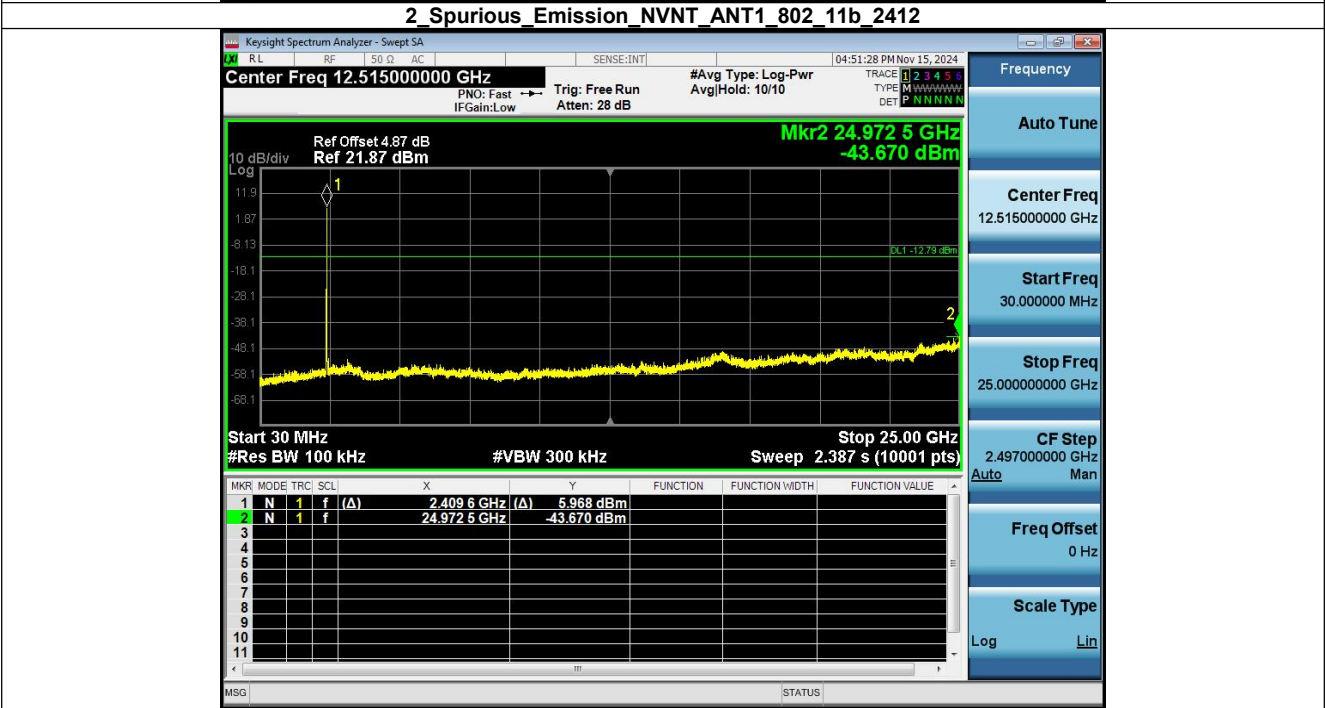


2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462



7. Spurious Emission

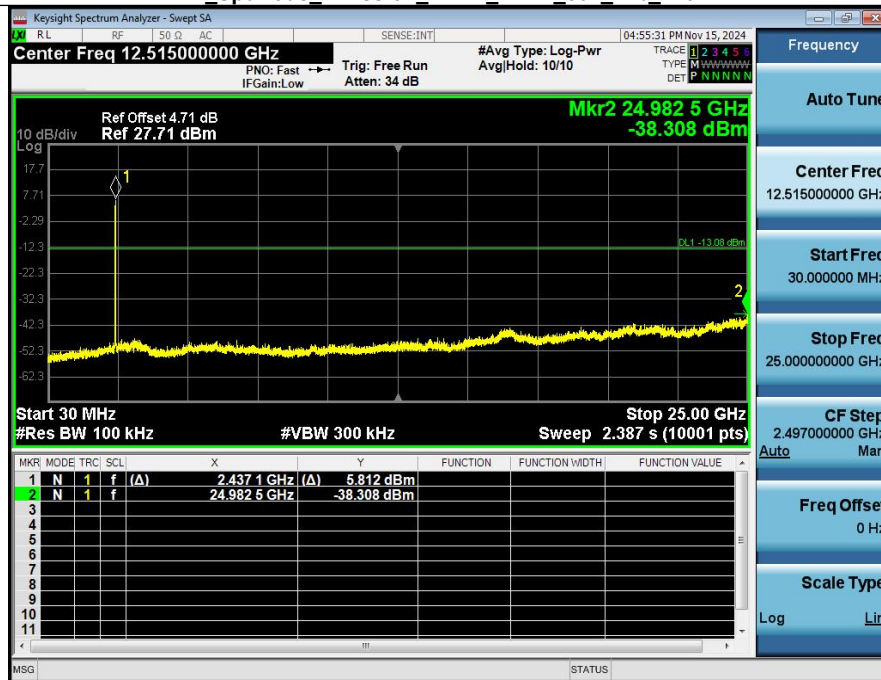
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24972.533	-43.670	-12.789	Pass
NVNT	ANT1	802.11b	2437.00	24982.521	-38.308	-13.082	Pass
NVNT	ANT1	802.11b	2462.00	24997.503	-38.307	-12.807	Pass
NVNT	ANT1	802.11g	2412.00	724.166	-28.486	-18.634	Pass
NVNT	ANT1	802.11g	2437.00	2519.509	-38.038	-18.200	Pass
NVNT	ANT1	802.11g	2462.00	24473.133	-45.301	-18.239	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24982.521	-44.866	-18.404	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24982.521	-51.017	-19.532	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24972.533	-45.025	-19.067	Pass



1 Reference Level NVNT_ANT1_802_11b_2437



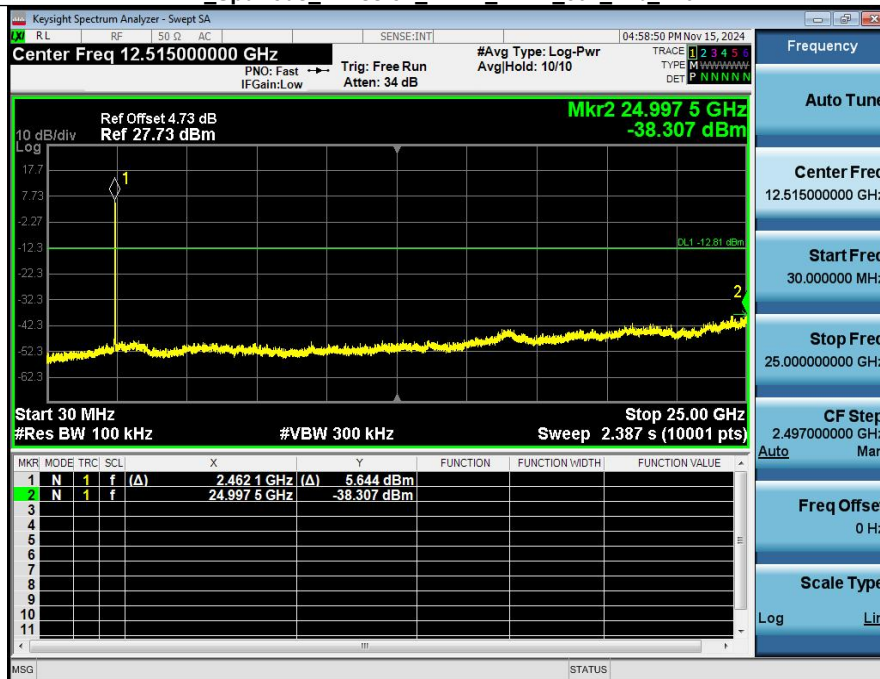
2 Spurious Emission NVNT_ANT1_802_11b_2437



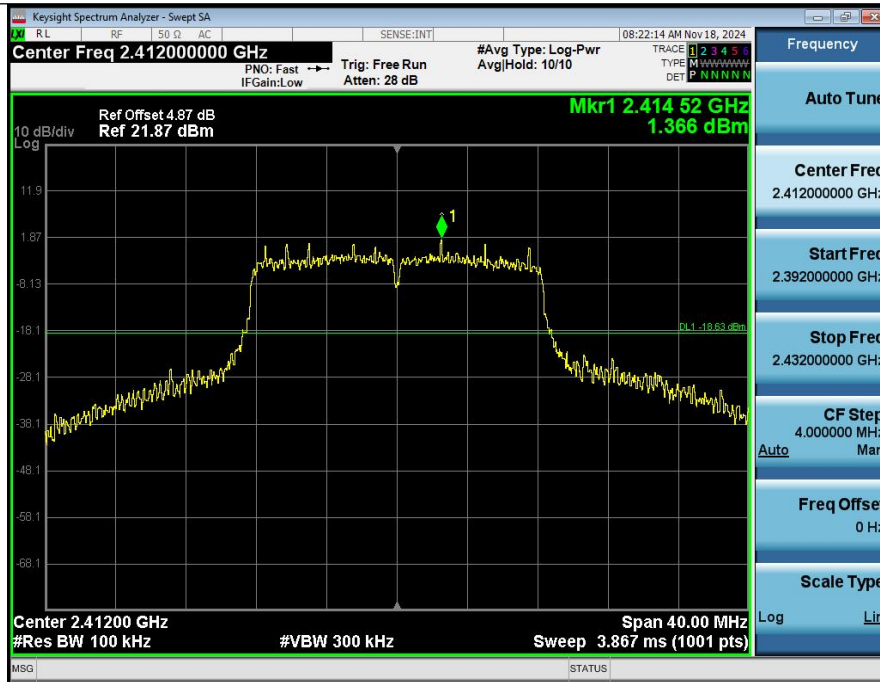
1 Reference Level NVNT_ANT1_802_11b_2462



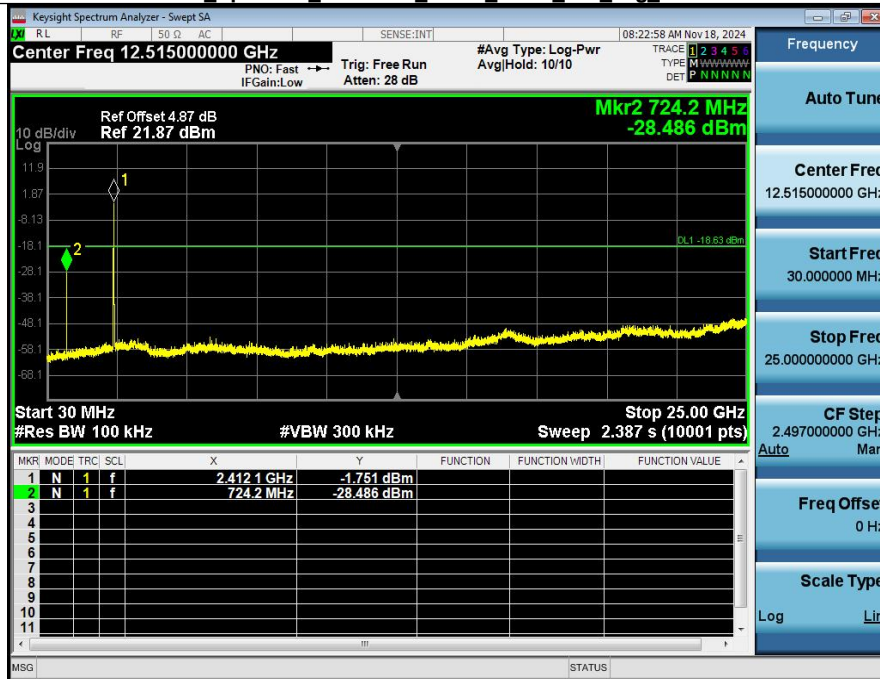
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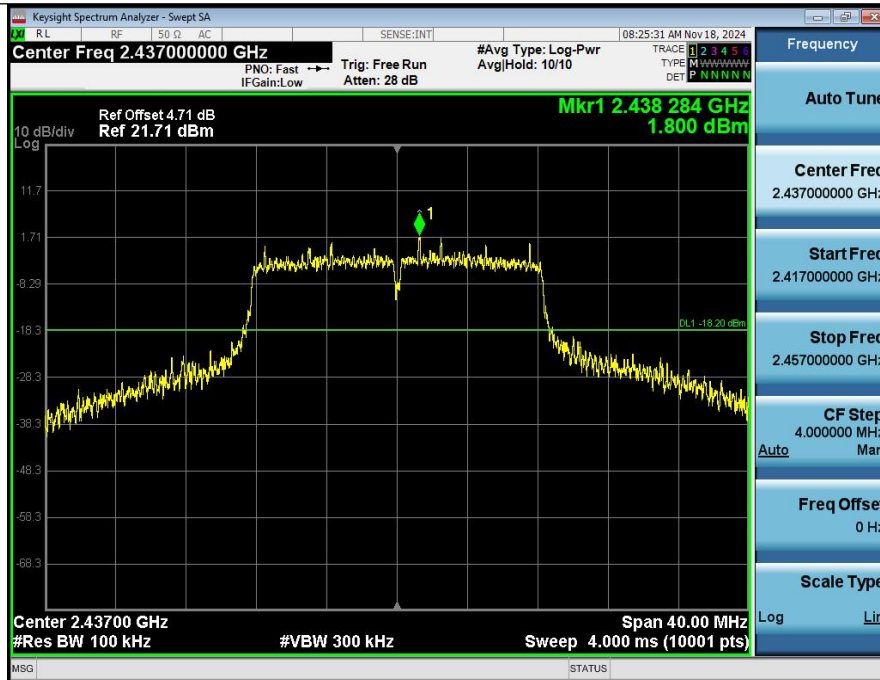
1_Reference_Level_NVNT_ANT1_802_11g_2412



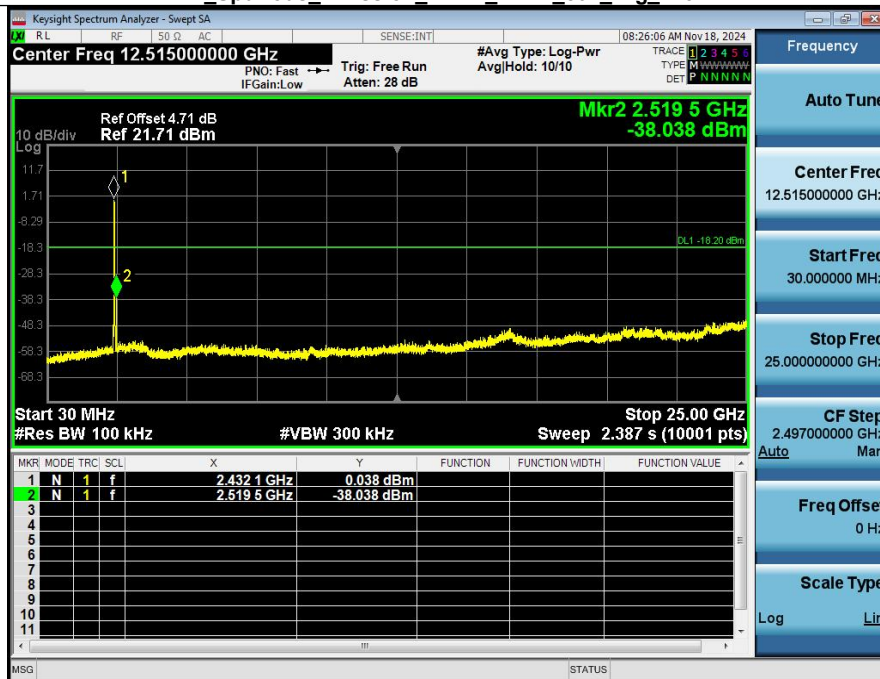
2_Spurious_Emission_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2437



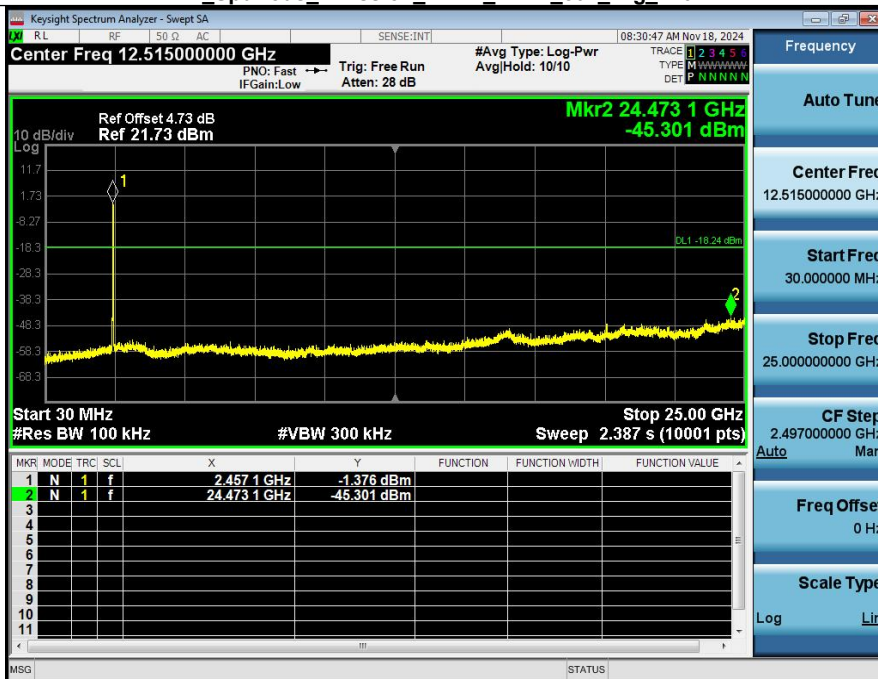
2_Spurious_Emission_NVNT_ANT1_802_11g_2437



1_Reference_Level_NVNT_ANT1_802_11g_2462



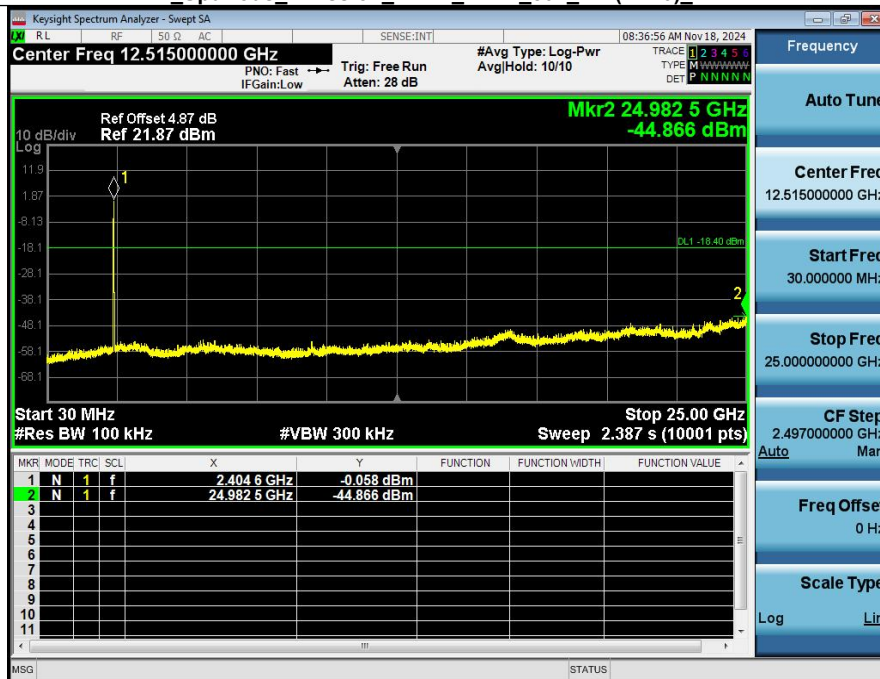
2_Spurious_Emission_NVNT_ANT1_802_11g_2462



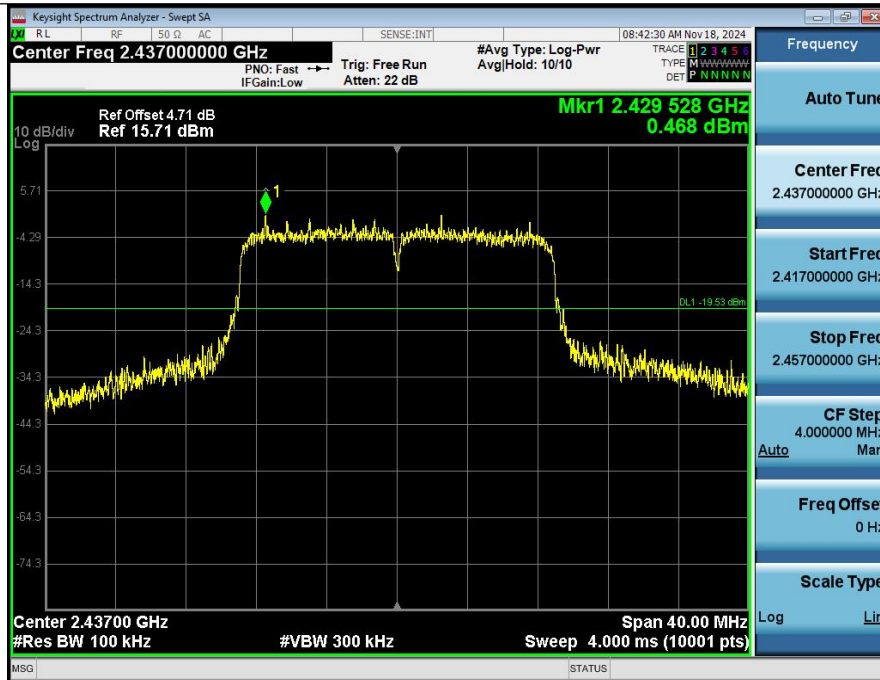
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



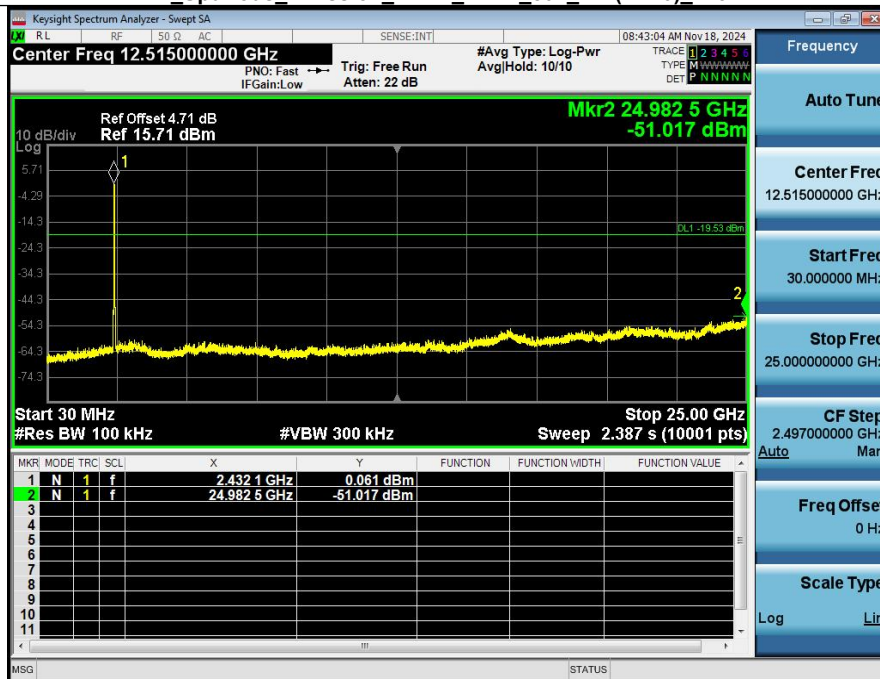
2 Spurious Emission_NVNT_ANT1_802_11n(HT20)_2412



1 Reference_Level_NVNT_ANT1_802_11n(HT20)_2437



2 Spurious Emission_NVNT_ANT1_802_11n(HT20)_2437



1 Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



2 Spurious Emission_NVNT_ANT1_802_11n(HT20)_2462

