

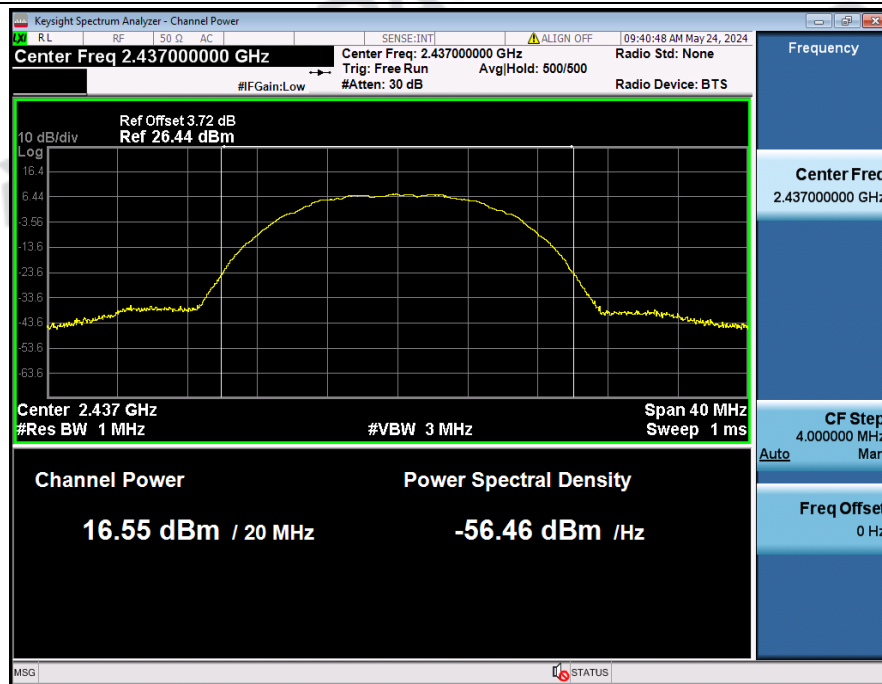
4. MAX. Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	Peak	17.70	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	16.55	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	17.74	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	17.02	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	16.81	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	17.31	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	16.20	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	16.41	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	17.04	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	16.35	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	16.16	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	16.19	30	Pass

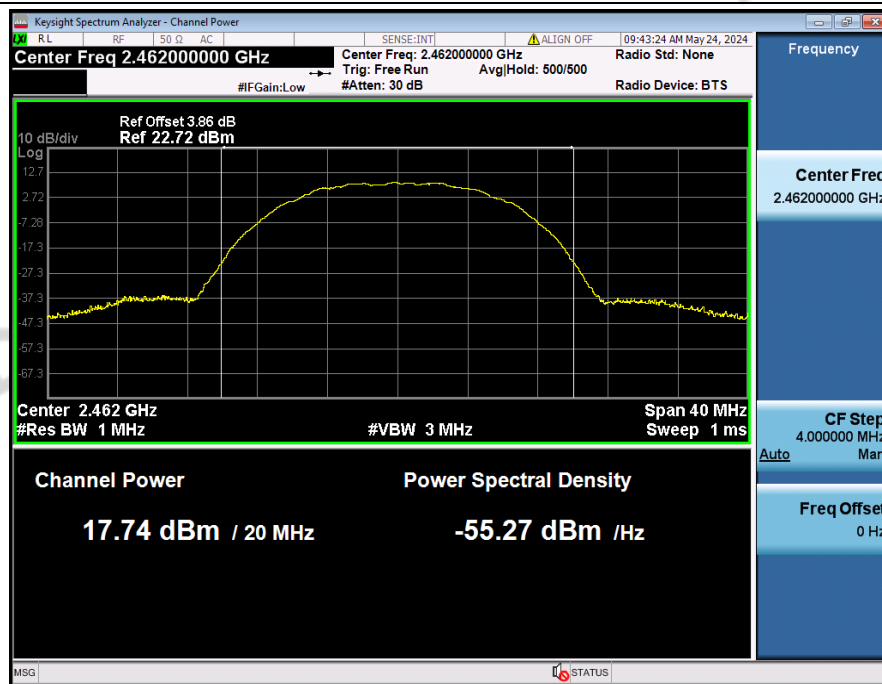
MAX__Output_Power_NVNT_ANT1_802_11b_2412



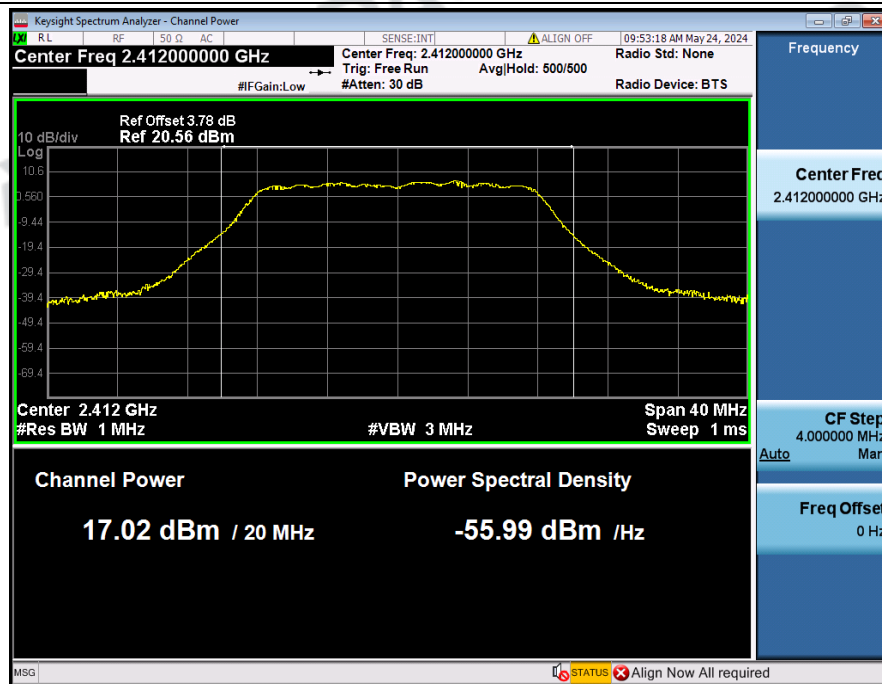
MAX _Output_Power_NVNT_ANT1_802_11b_2437



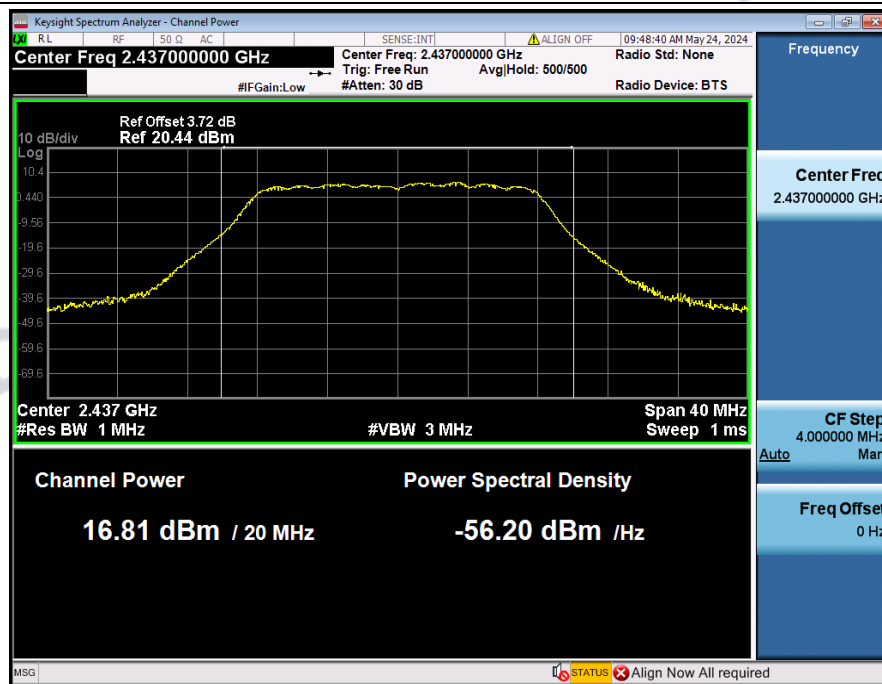
MAX _Output_Power_NVNT_ANT1_802_11b_2462



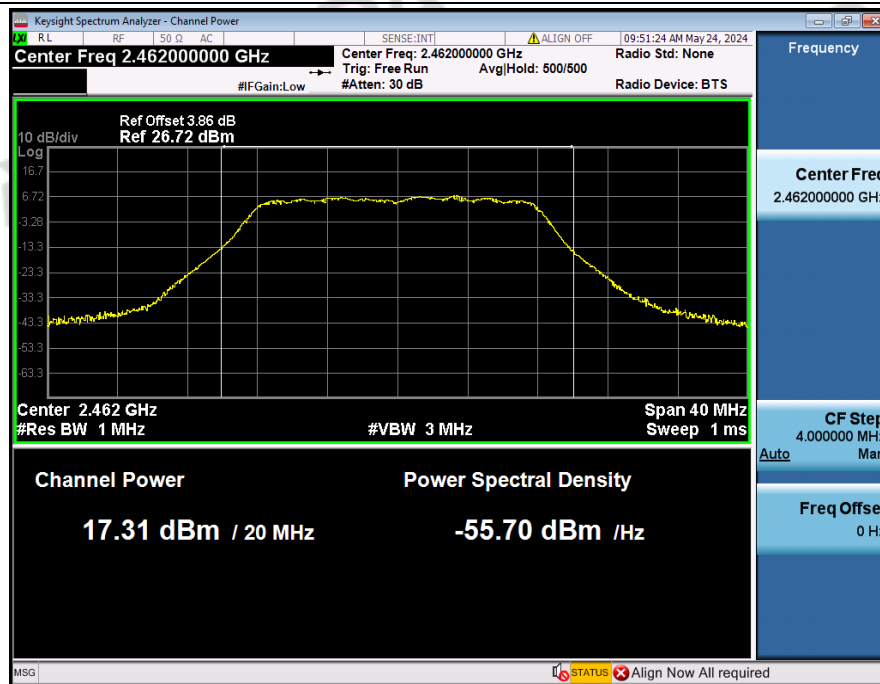
MAX _Output_Power_NVNT_ANT1_802_11g_2412



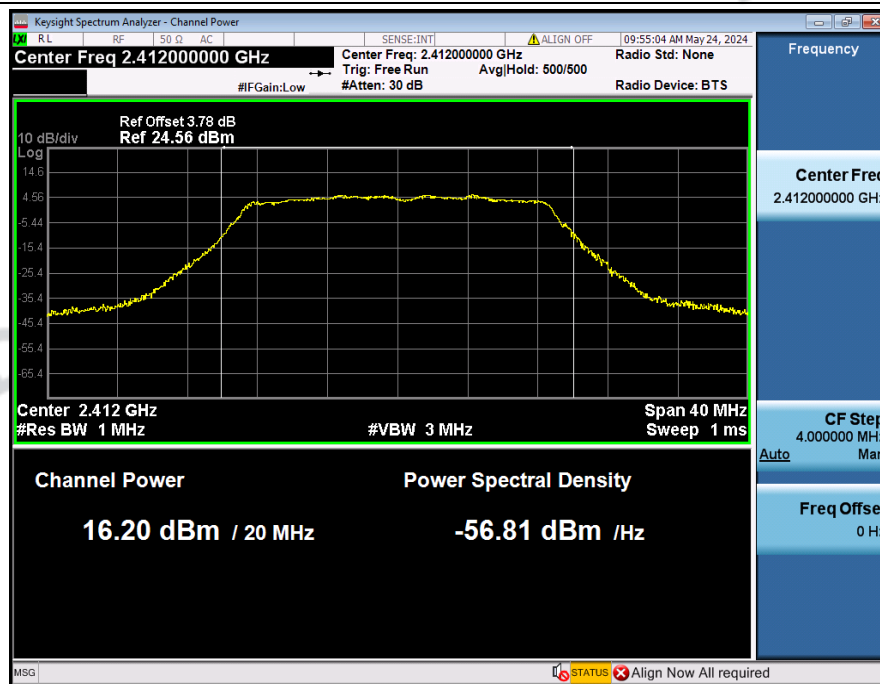
MAX _Output_Power_NVNT_ANT1_802_11g_2437



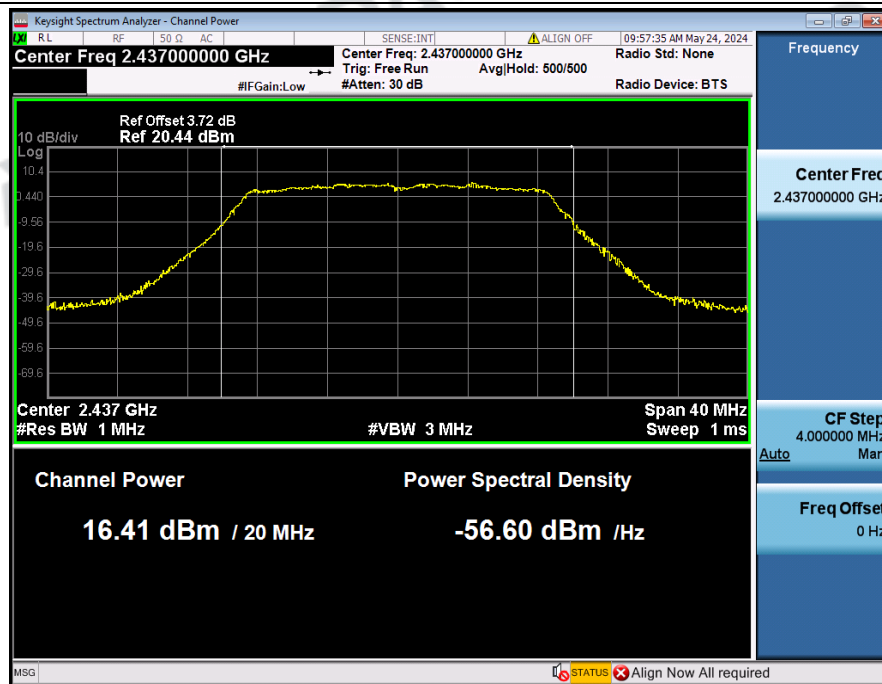
MAX_Output_Power_NVNT_ANT1_802_11g_2462



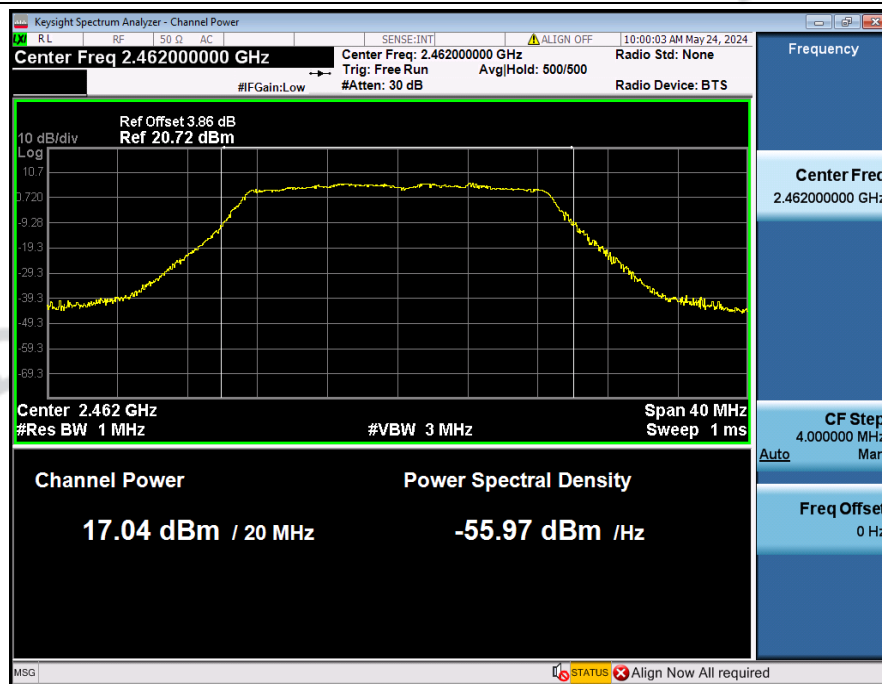
MAX_Output_Power_NVNT_ANT1_802_11n(HT20)_2412



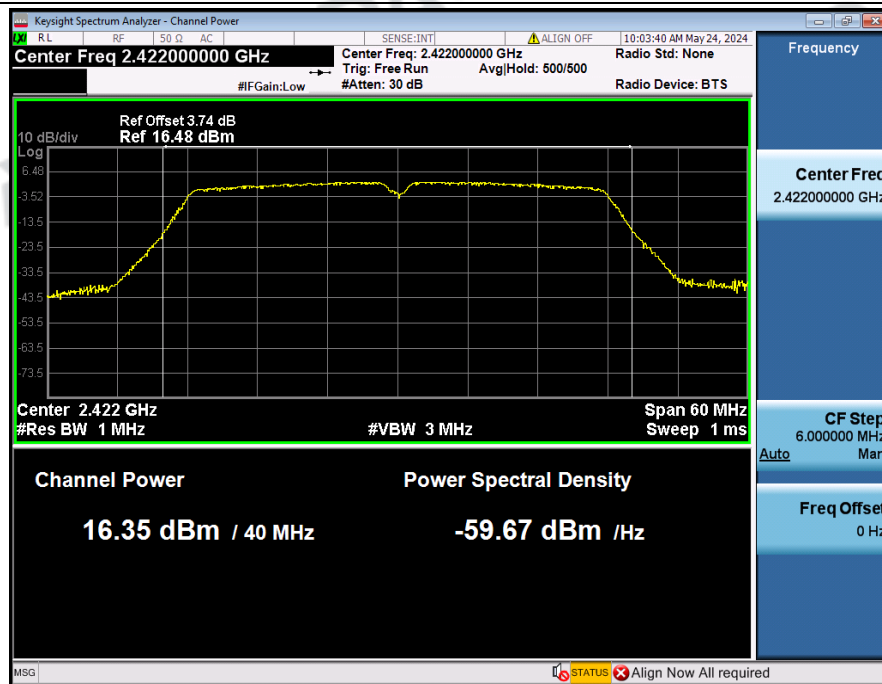
MAX_Output_Power_NVNT_ANT1_802_11n(HT20)_2437



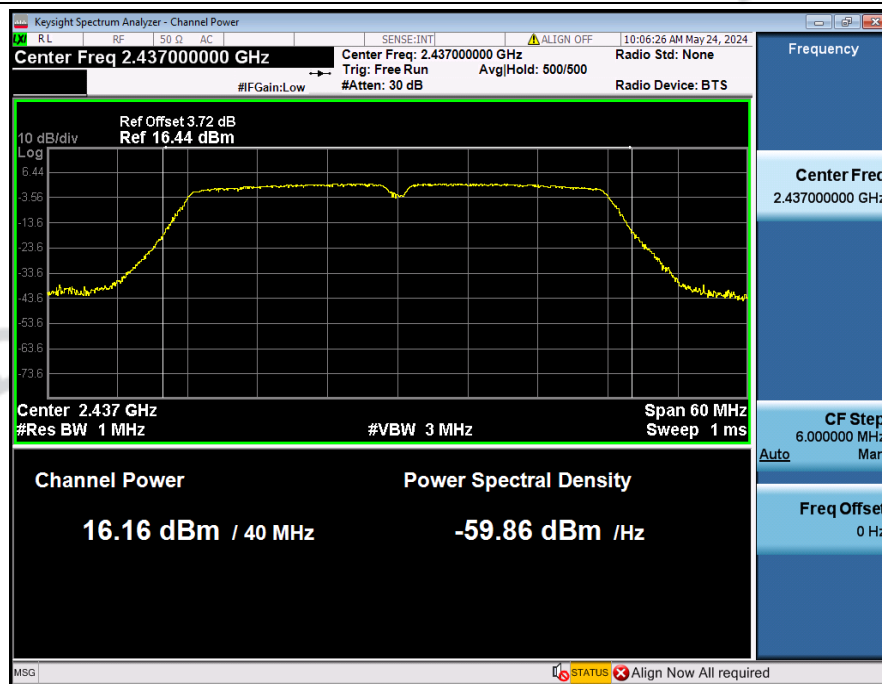
MAX_Output_Power_NVNT_ANT1_802_11n(HT20)_2462



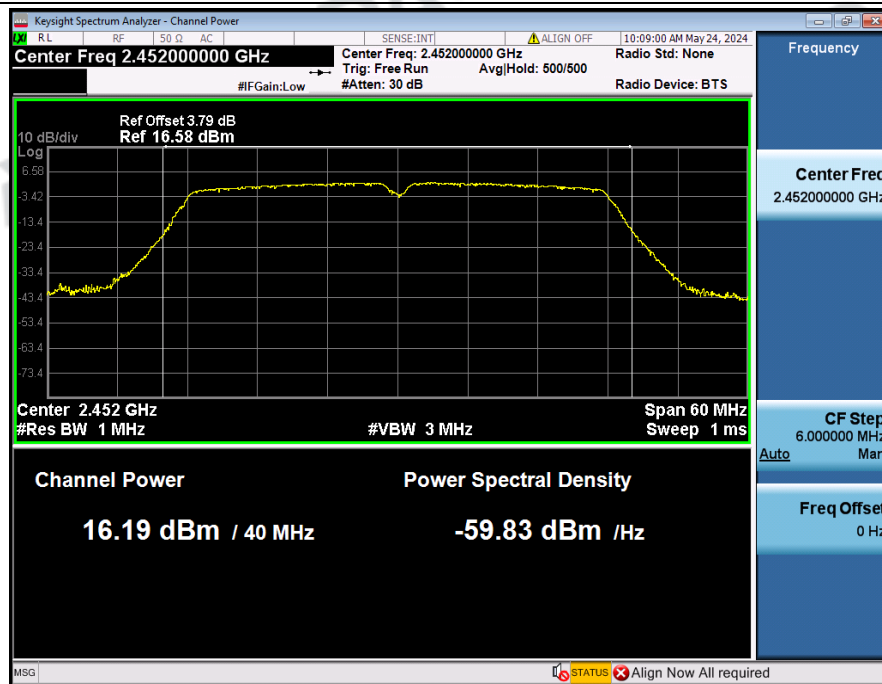
MAX_Output_Power_NVNT_ANT1_802_11n(HT40)_2422



MAX_Output_Power_NVNT_ANT1_802_11n(HT40)_2437



MAX_Output_Power_NVNT_ANT1_802_11n(HT40)_2452

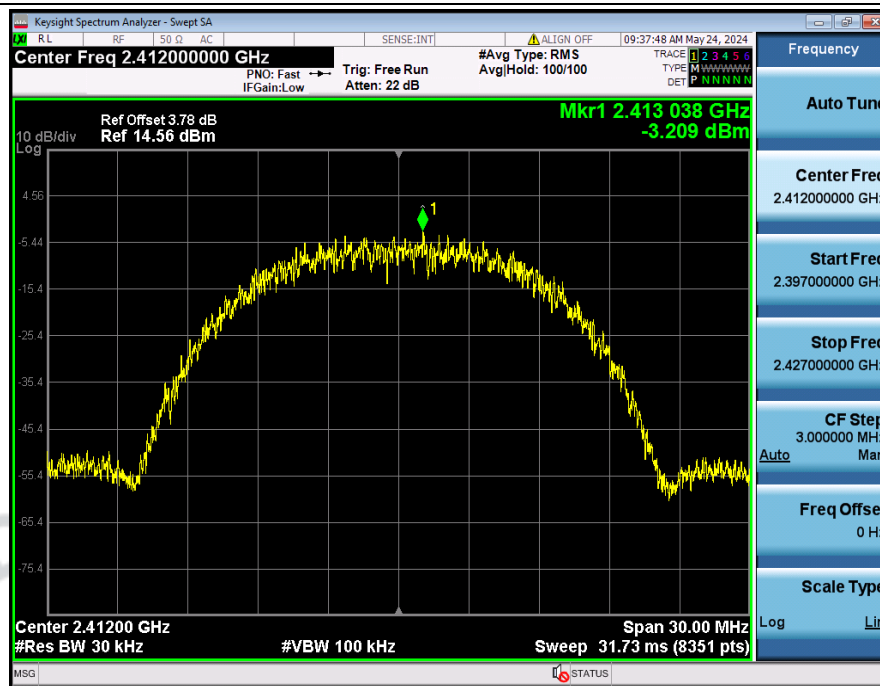


5. Power Spectral Density

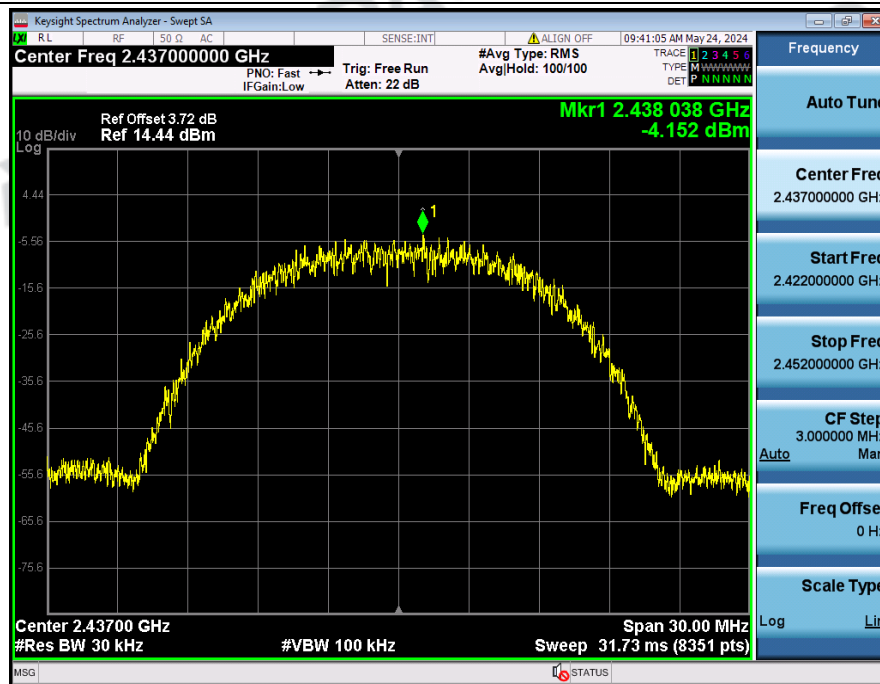
Condition	Antenna	Modulation	Frequency (MHz)	PSD (dBm/30kHz)	RB factor(dB)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	-3.21	-10.00	-13.21	8	Pass
NVNT	ANT1	802.11b	2437.00	-4.15	-10.00	-14.15	8	Pass
NVNT	ANT1	802.11b	2462.00	-2.99	-10.00	-12.99	8	Pass
NVNT	ANT1	802.11g	2412.00	-6.80	-10.00	-16.80	8	Pass
NVNT	ANT1	802.11g	2437.00	-7.80	-10.00	-17.80	8	Pass
NVNT	ANT1	802.11g	2462.00	-7.17	-10.00	-17.17	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-8.13	-10.00	-18.13	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-7.90	-10.00	-17.90	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-7.17	-10.00	-17.17	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-11.29	-10.00	-21.29	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-10.90	-10.00	-20.90	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-10.68	-10.00	-20.68	8	Pass

$\text{PSD(dBm/30kHz)} + \text{RB factor(dB)} = \text{PSD(dBm/3kHz)}$; $\text{RB factor(dB)} = 10 \cdot \log(3/30) = -10\text{dB}$

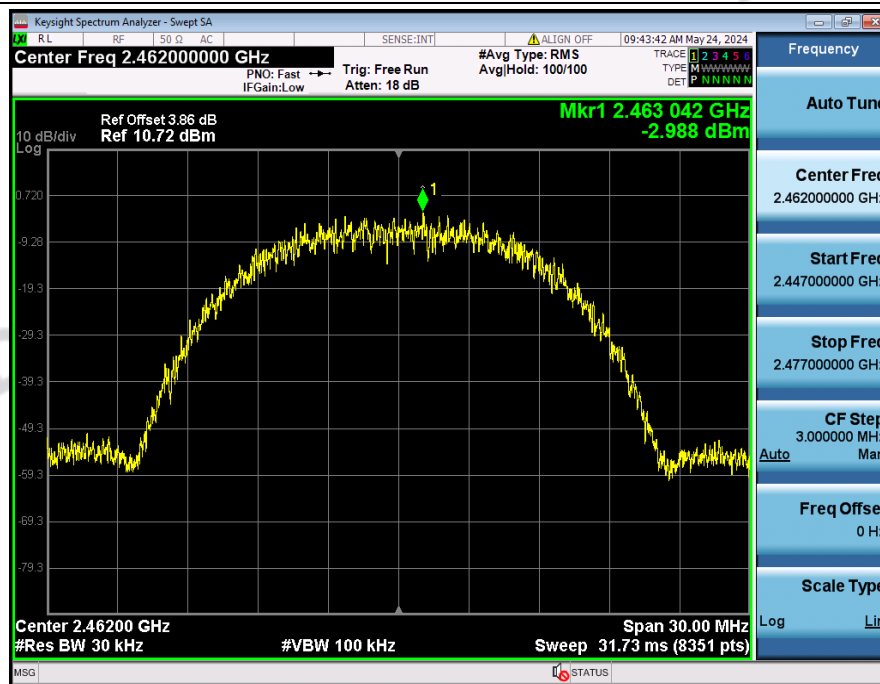
Power_Spectral_Density_NVNT_ANT1_802_11b_2412



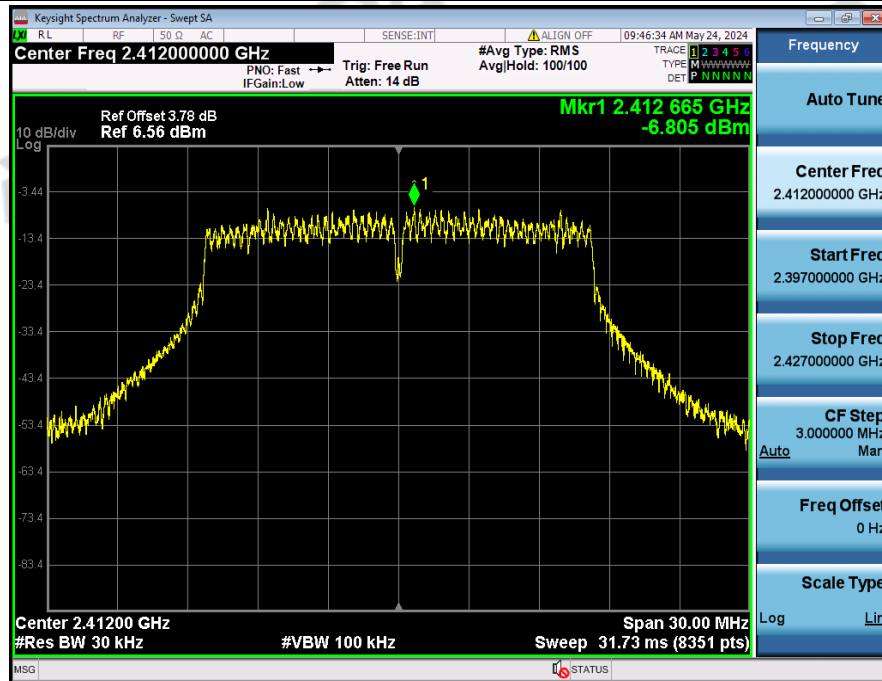
Power Spectral Density_NVNT_ANT1_802_11b_2437



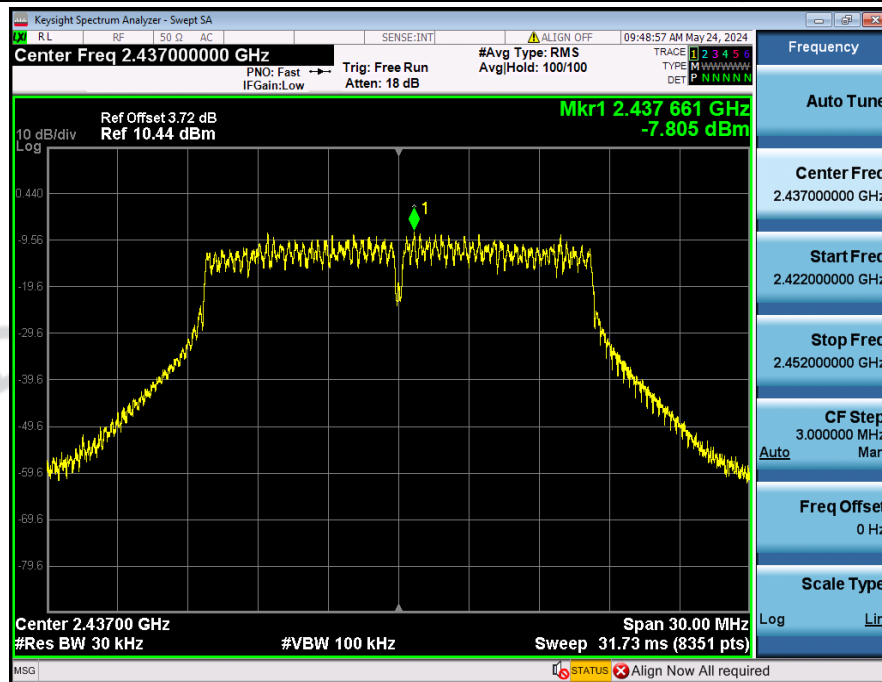
Power Spectral Density_NVNT_ANT1_802_11b_2462



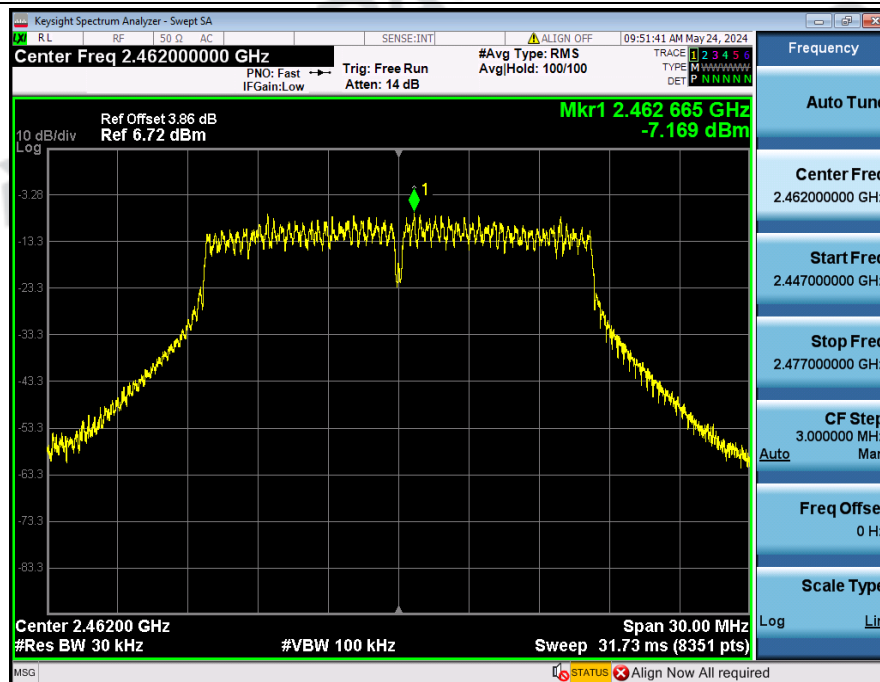
Power_Spectral_Density_NVNT_ANT1_802_11g_2412



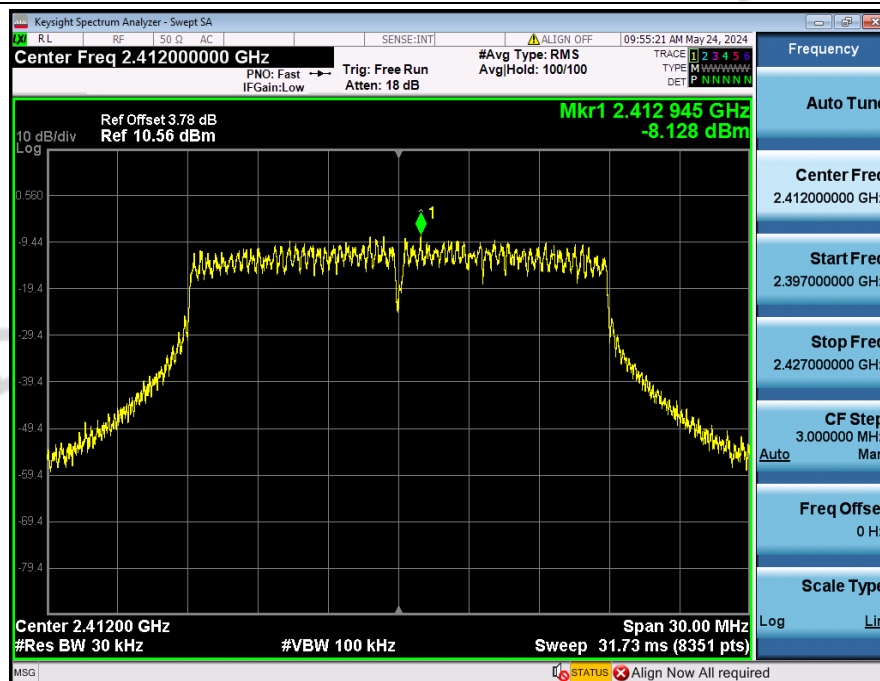
Power_Spectral_Density_NVNT_ANT1_802_11g_2437



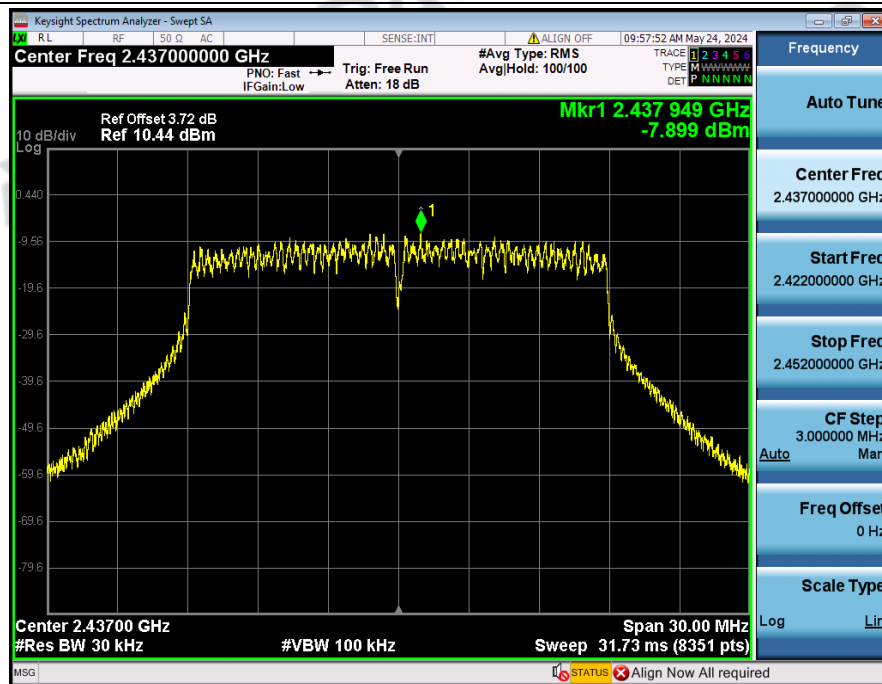
Power_Spectral_Density_NVNT_ANT1_802_11g_2462



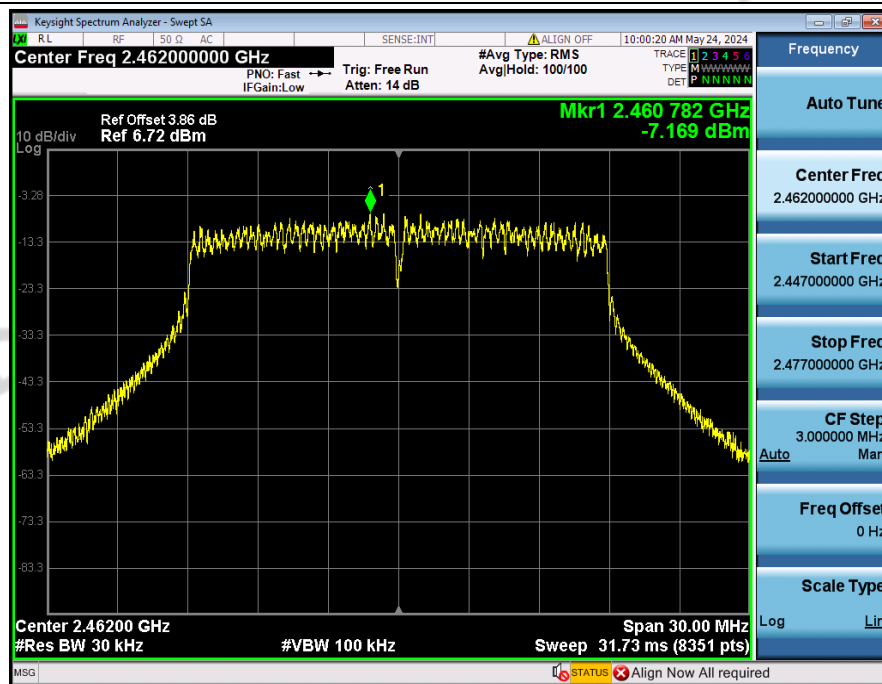
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



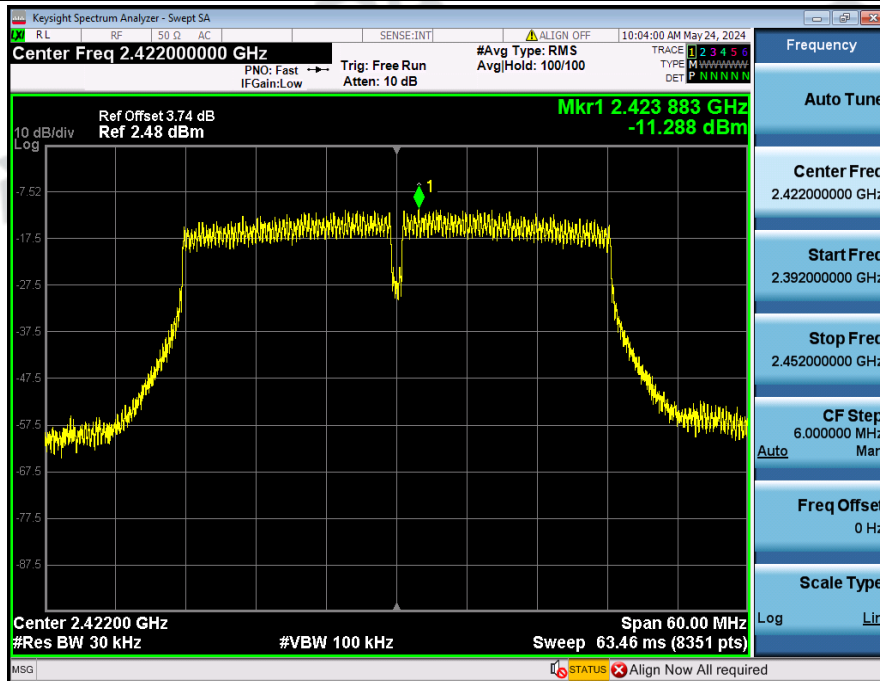
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2437



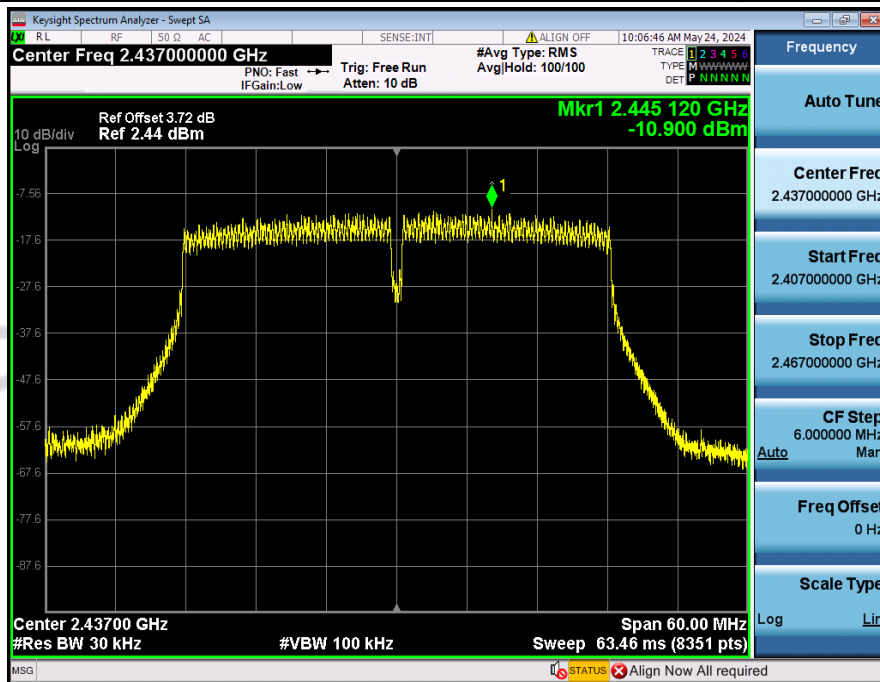
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2462



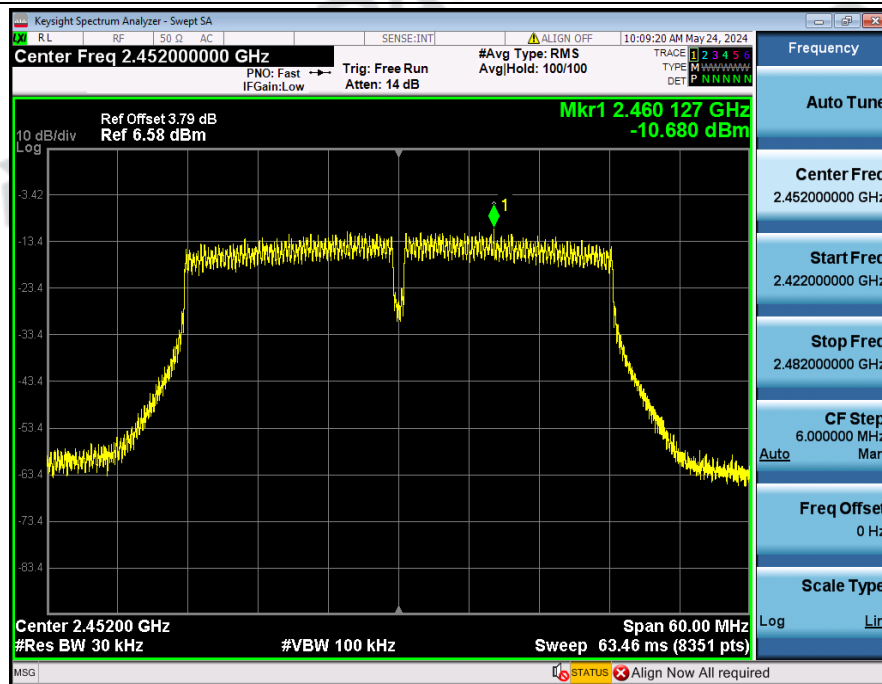
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2422



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2437



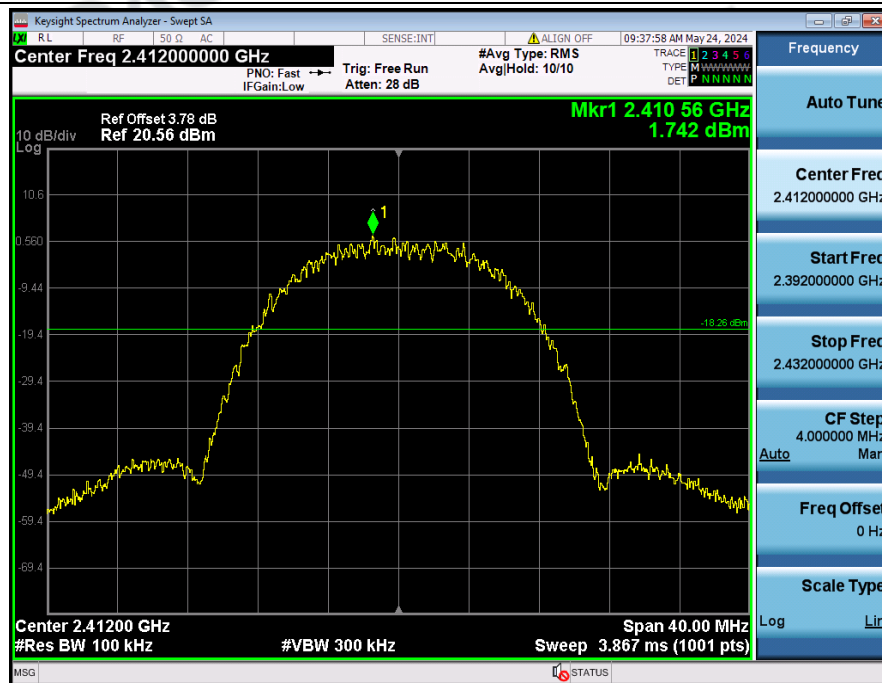
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2452



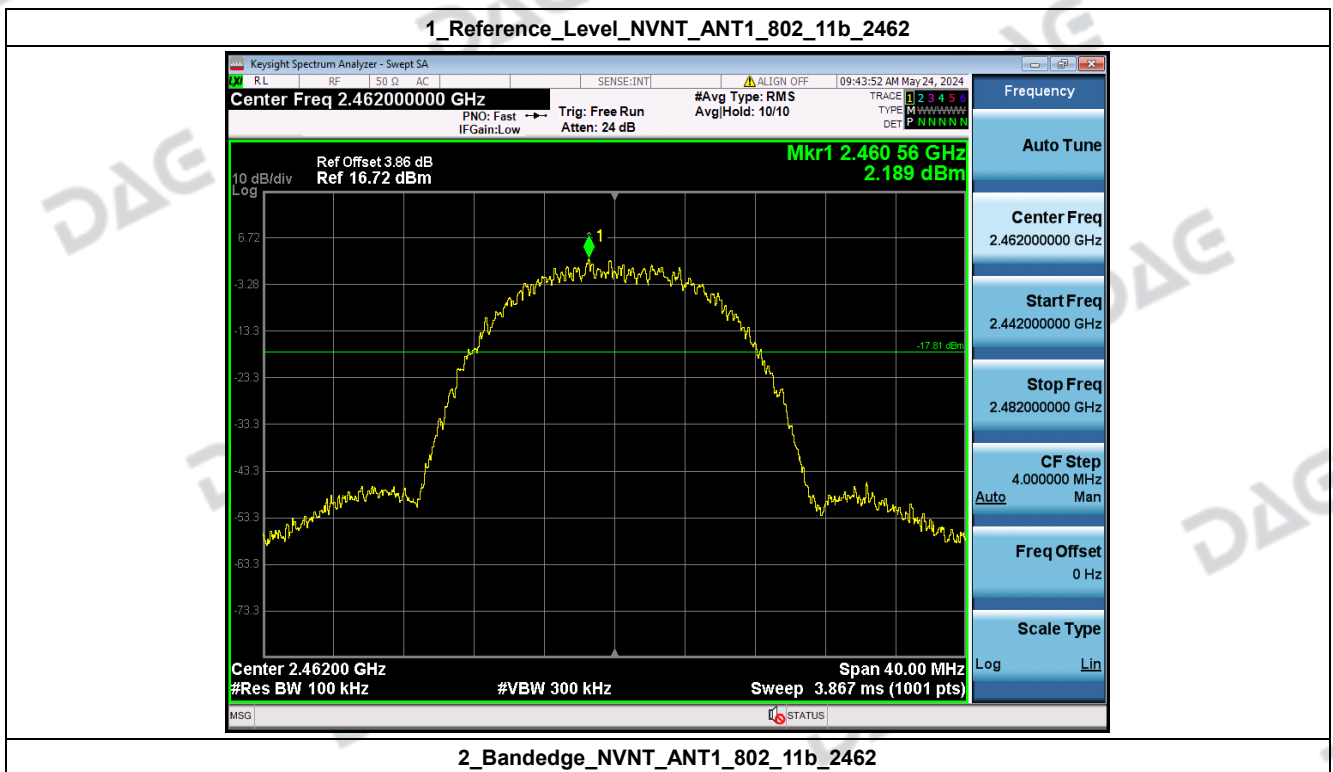
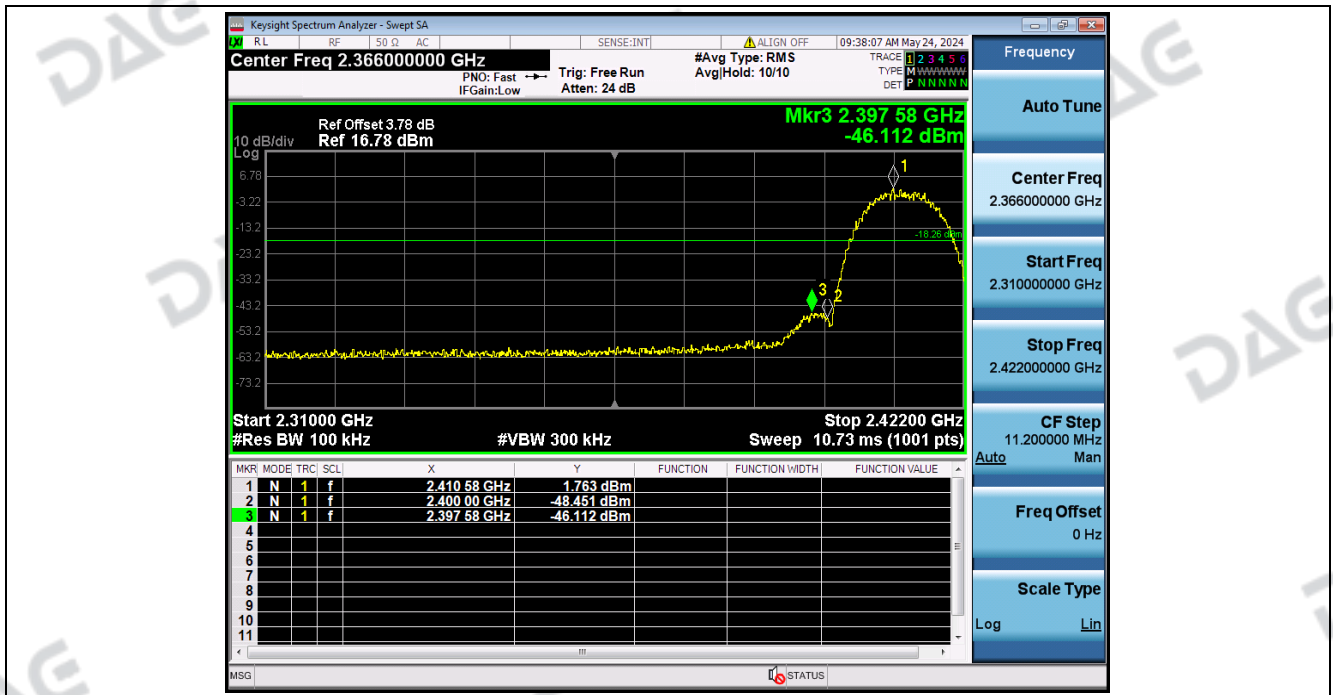
6. Bandedge

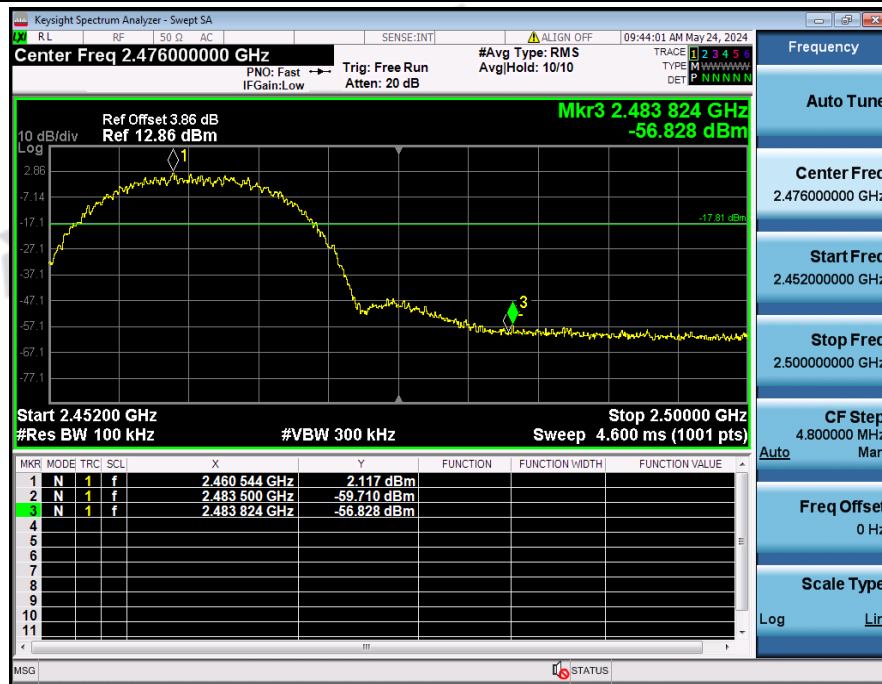
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2397.584	-46.112	-18.258	Pass
NVNT	ANT1	802.11b	2462.00	2483.824	-56.828	-17.811	Pass
NVNT	ANT1	802.11g	2412.00	2399.824	-40.822	-22.899	Pass
NVNT	ANT1	802.11g	2462.00	2484.016	-57.134	-23.160	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.936	-40.877	-24.468	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2483.824	-57.353	-23.629	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2399.892	-46.966	-28.401	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2484.224	-56.501	-28.672	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412

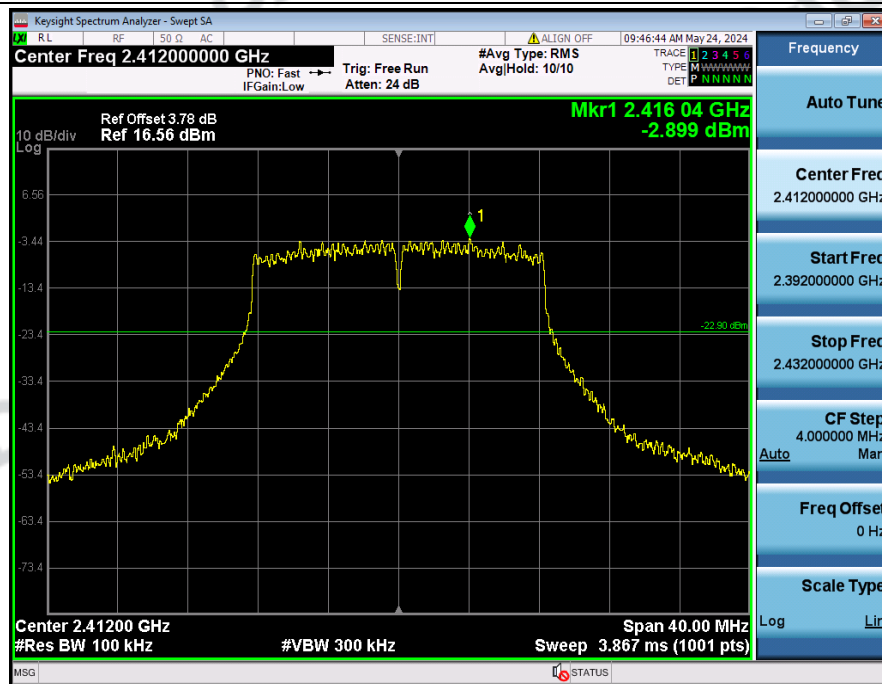


2_Bandedge_NVNT_ANT1_802_11b_2412

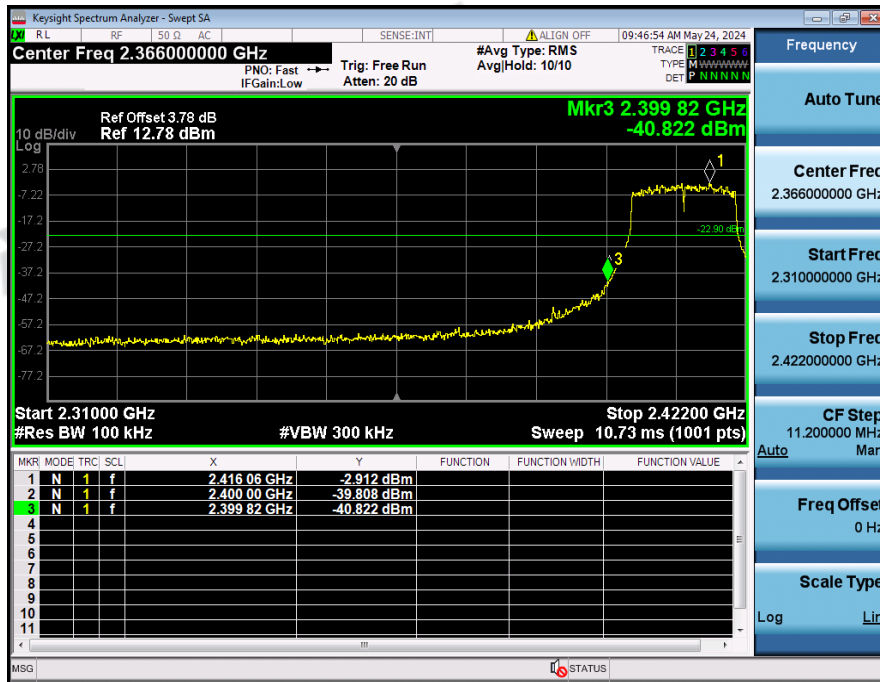




1_Reference_Level_NVNT_ANT1_802_11g_2412



2_Bandedge_NVNT_ANT1_802_11g_2412



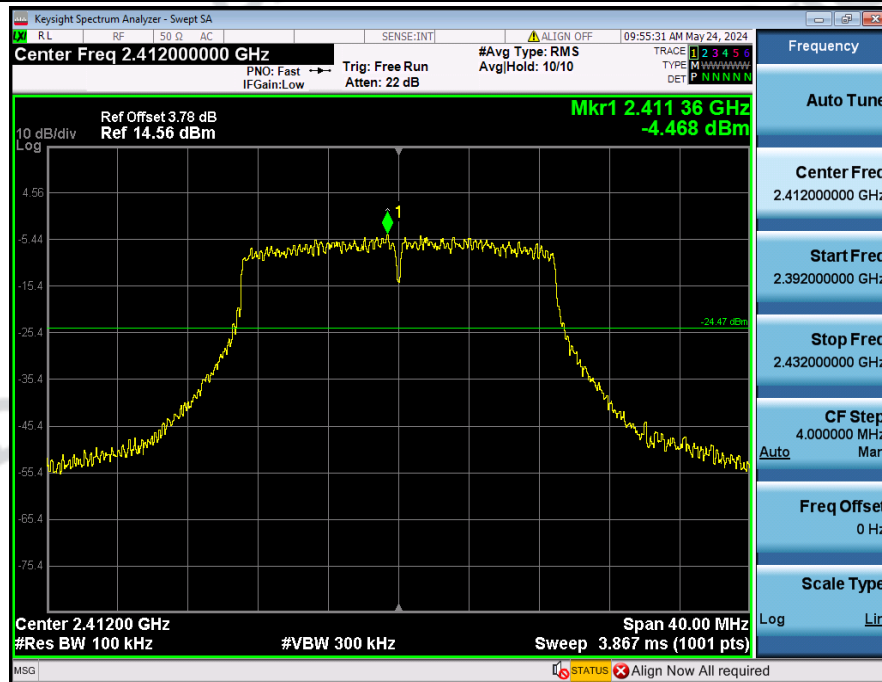
1_Reference_Level_NVNT_ANT1_802_11g_2462



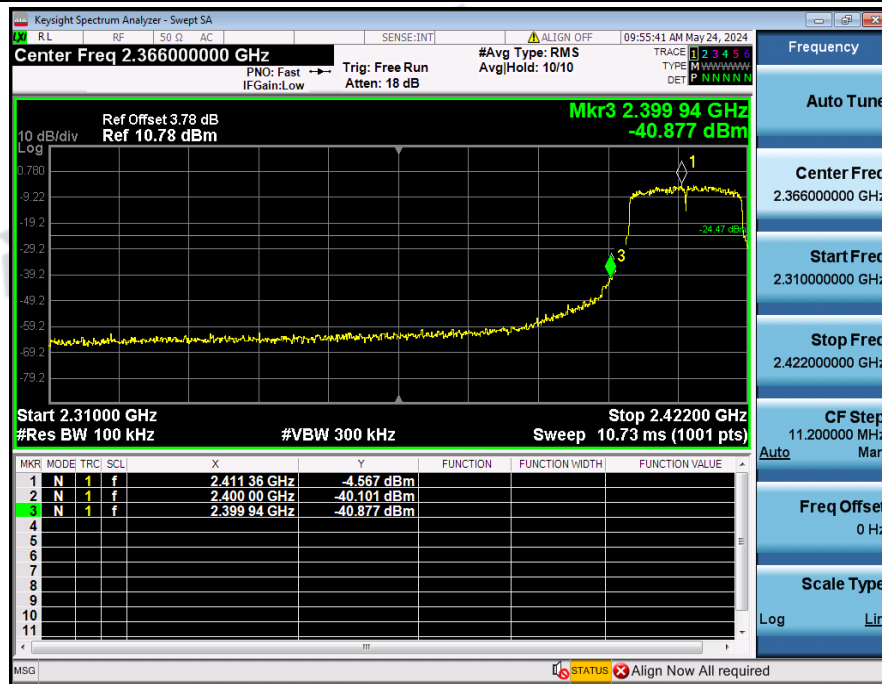
2_Bandedge_NVNT_ANT1_802_11g_2462



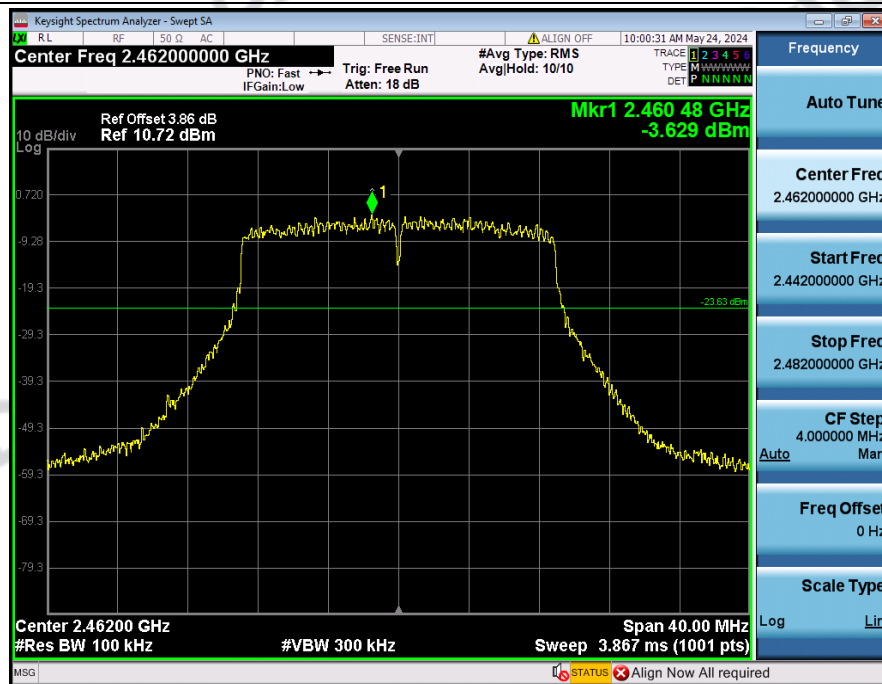
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



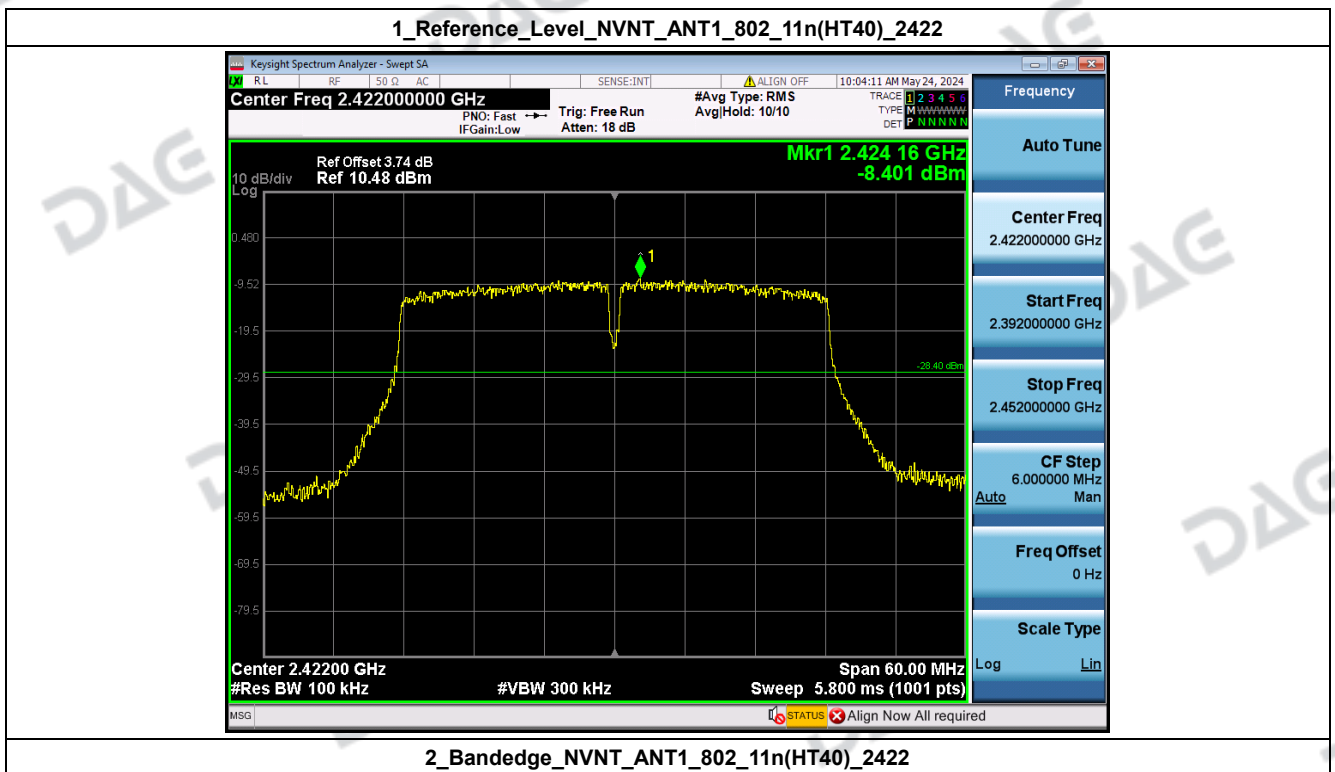
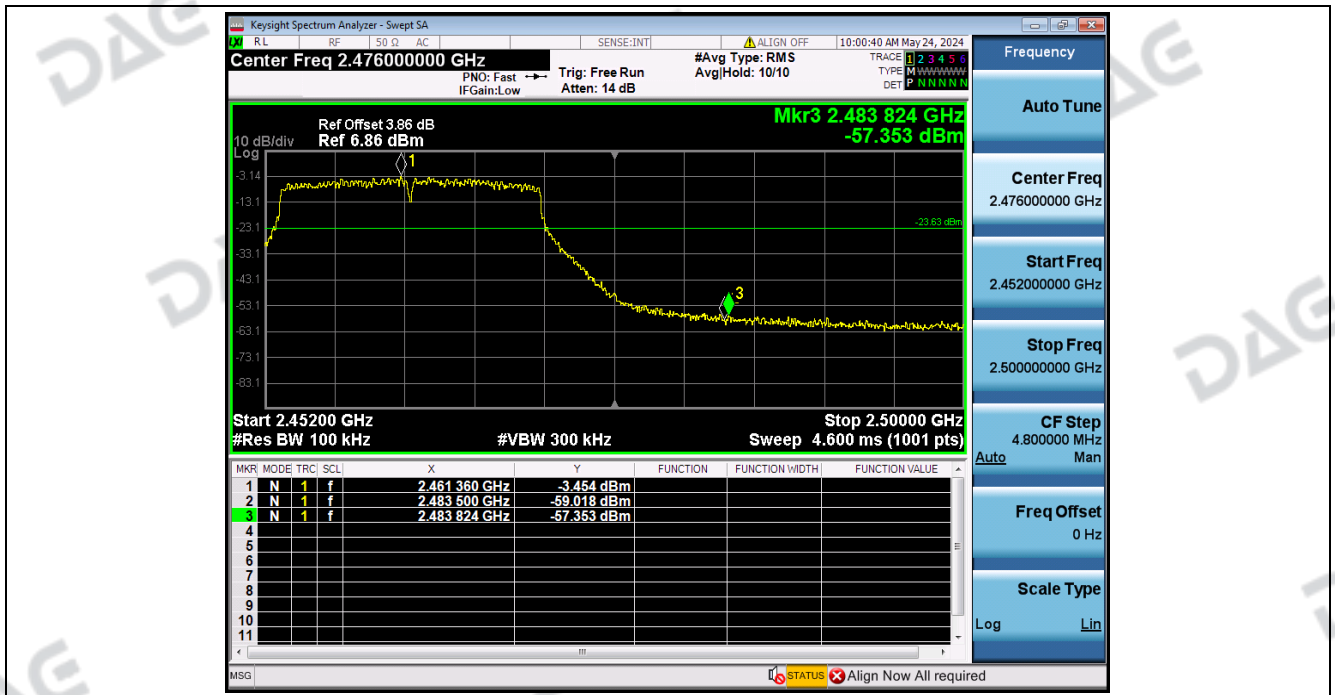
2_Bandedge_NVNT_ANT1_802_11n(HT20)_2412

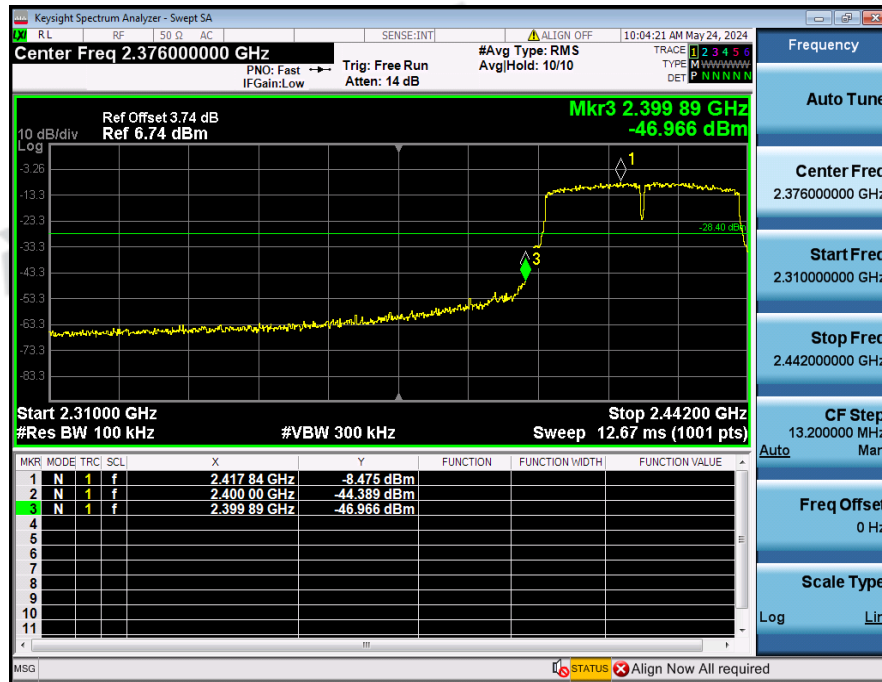


1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462

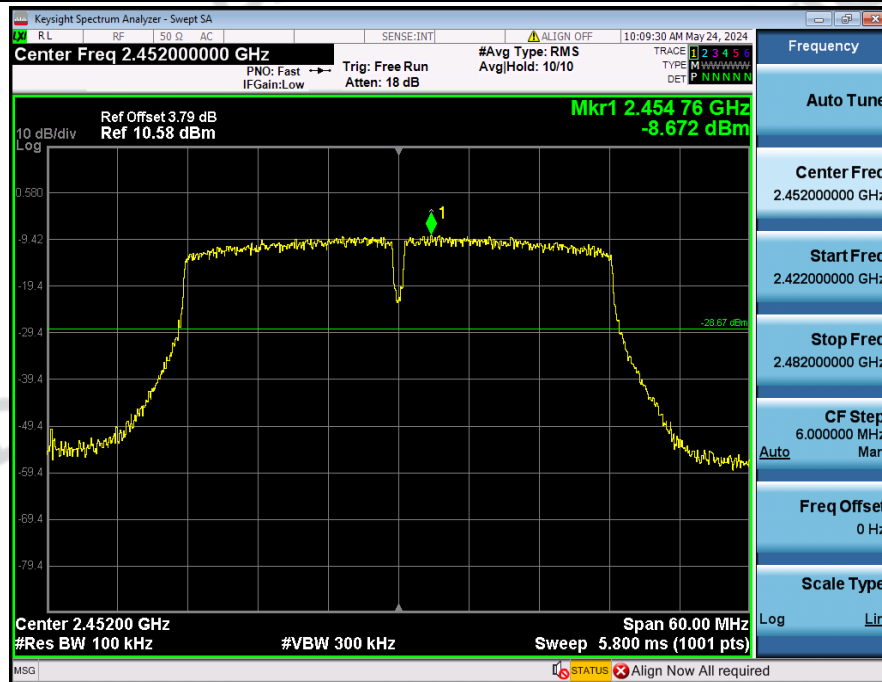


2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462





1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



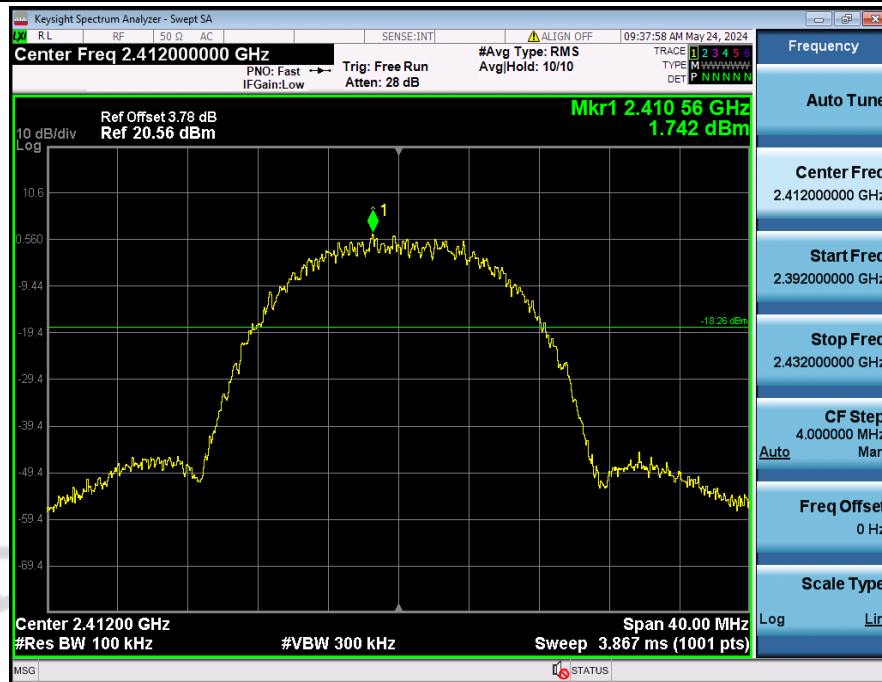
2_Bandedge_NVNT_ANT1_802_11n(HT40)_2452



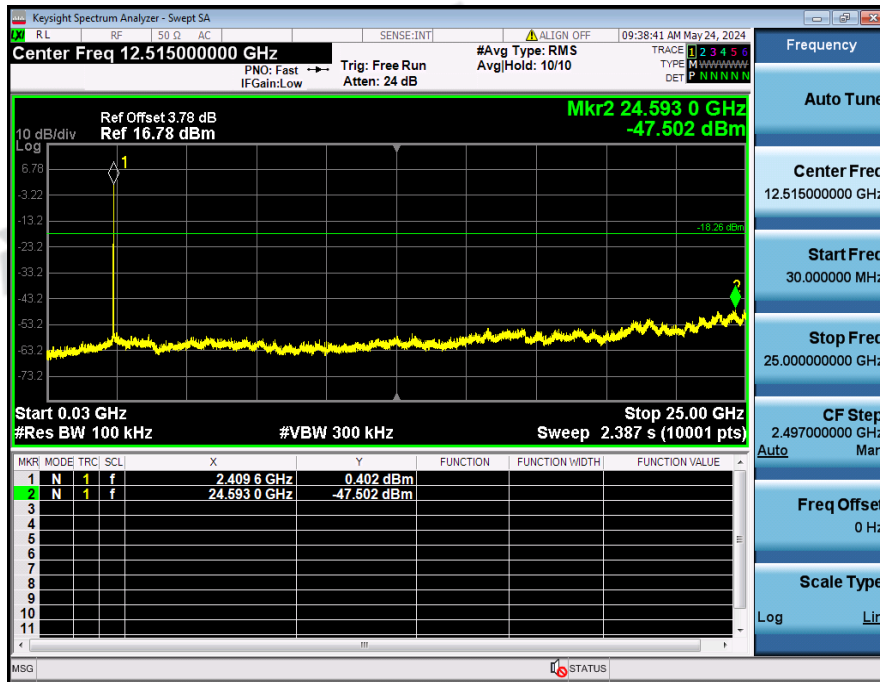
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24592.989	-47.502	-18.258	Pass
NVNT	ANT1	802.11b	2437.00	24533.061	-47.815	-19.674	Pass
NVNT	ANT1	802.11b	2462.00	24905.114	-51.938	-17.811	Pass
NVNT	ANT1	802.11g	2412.00	24553.037	-48.868	-22.899	Pass
NVNT	ANT1	802.11g	2437.00	24518.079	-57.416	-24.133	Pass
NVNT	ANT1	802.11g	2462.00	24910.108	-57.112	-23.160	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24513.085	-53.488	-24.468	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24887.635	-54.148	-24.394	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24910.108	-57.419	-23.629	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	24530.564	-58.118	-28.401	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	24520.576	-58.103	-28.930	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	24885.138	-58.011	-28.672	Pass

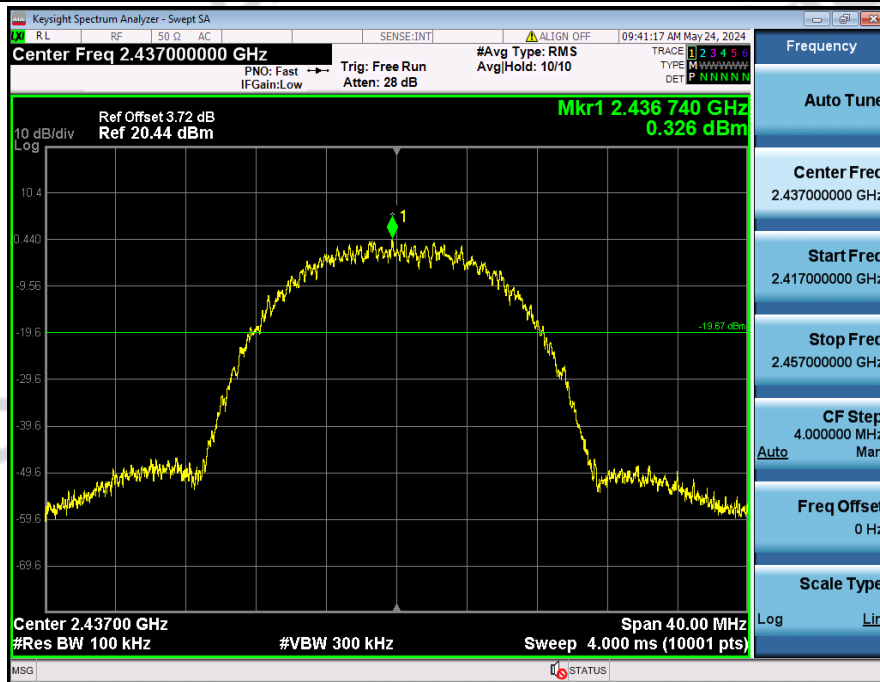
1_Reference_Level_NVNT_ANT1_802_11b_2412



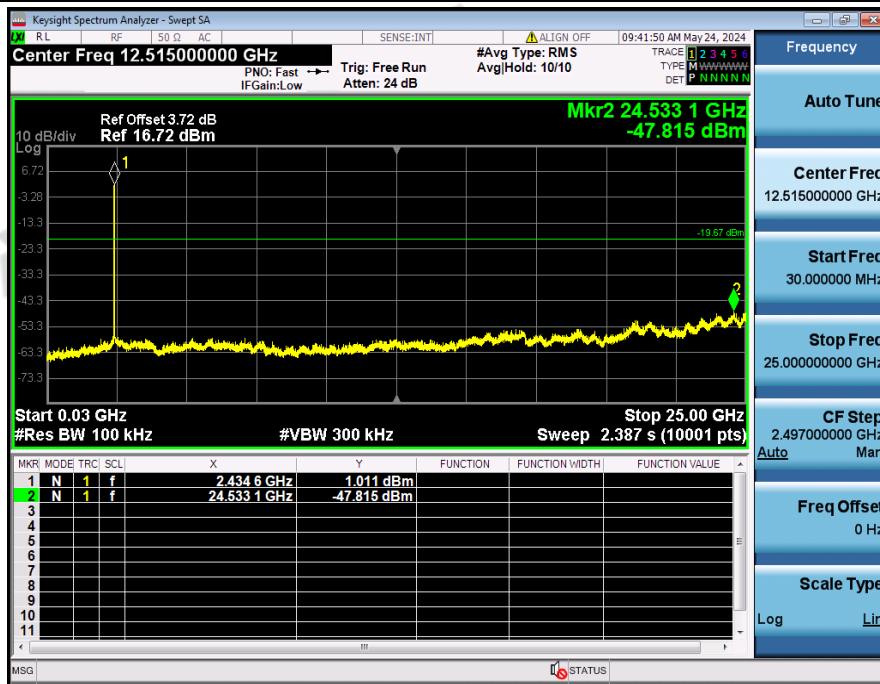
2_Spurious_Emission_NVNT_ANT1_802_11b_2412



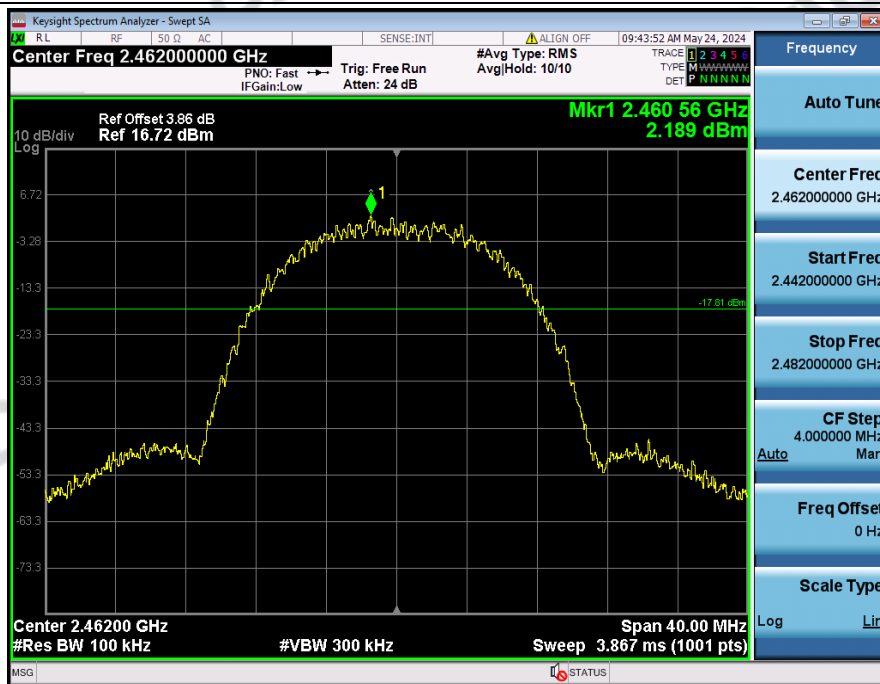
1_Reference_Level_NVNT_ANT1_802_11b_2437



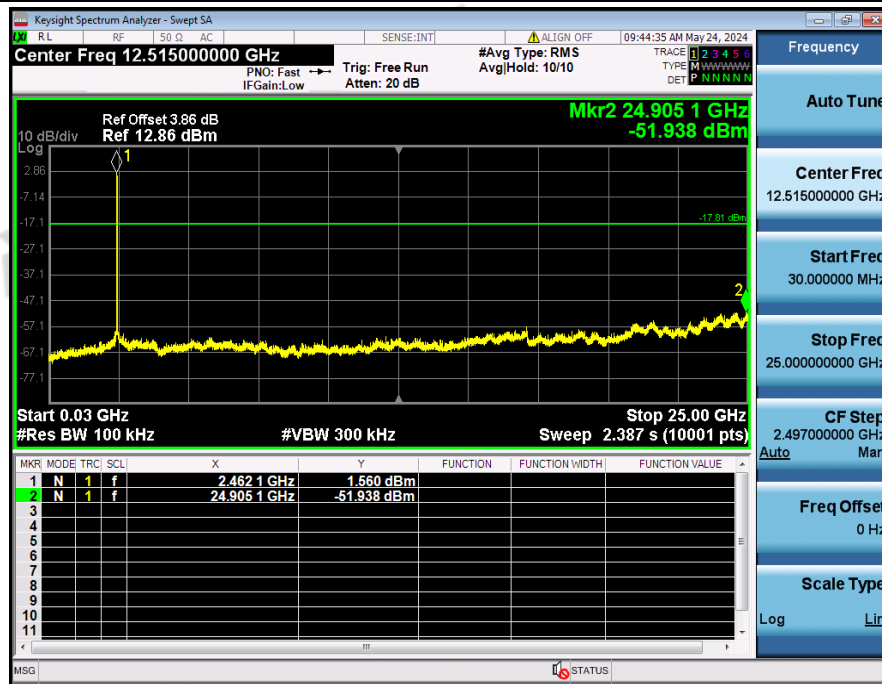
2_Spurious_Emission_NVNT_ANT1_802_11b_2437



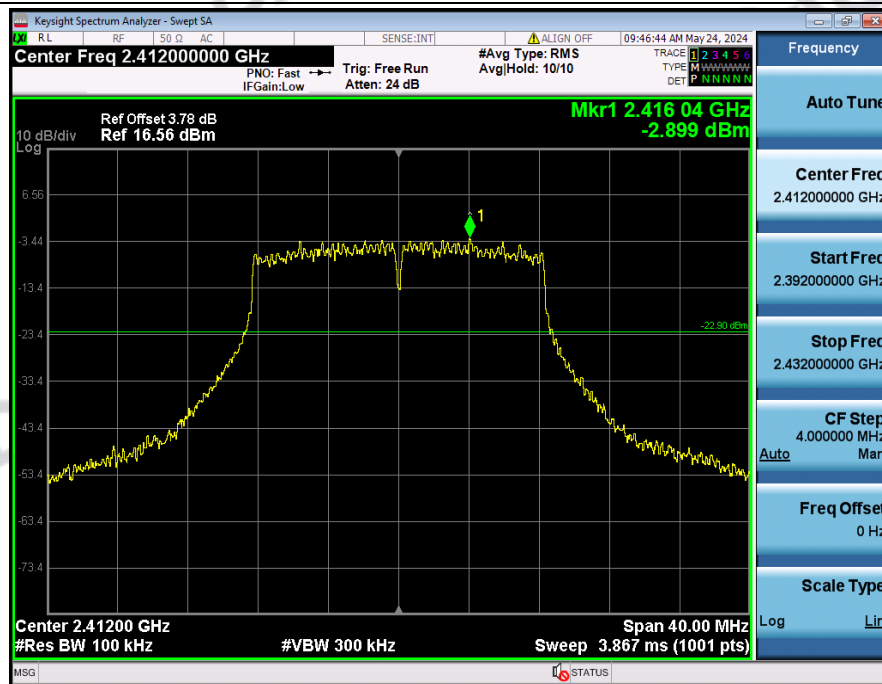
1_Reference_Level_NVNT_ANT1_802_11b_2462



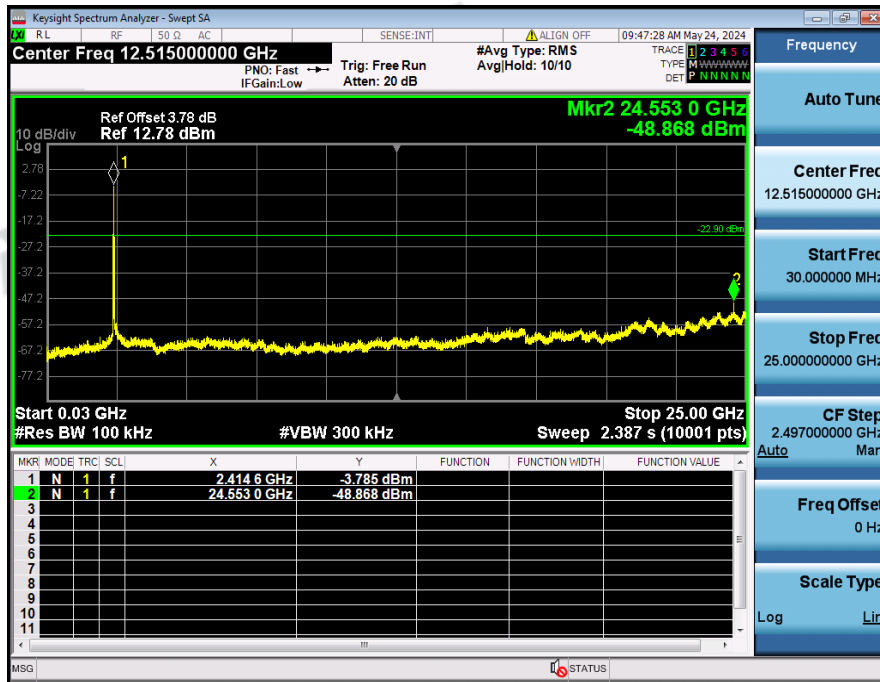
2_Spurious_Emission_NVNT_ANT1_802_11b_2462



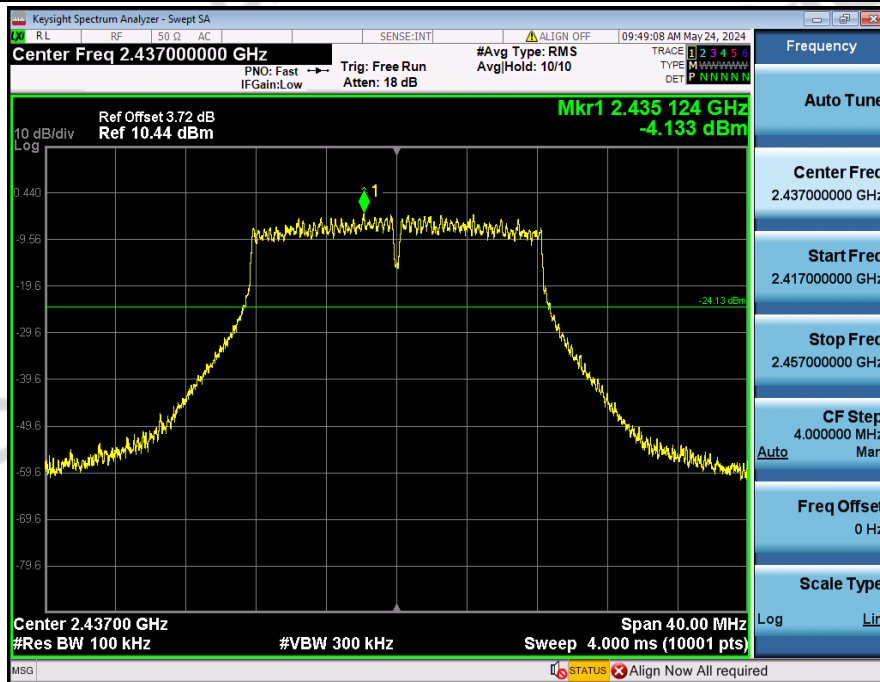
1_Reference_Level_NVNT_ANT1_802_11g_2412



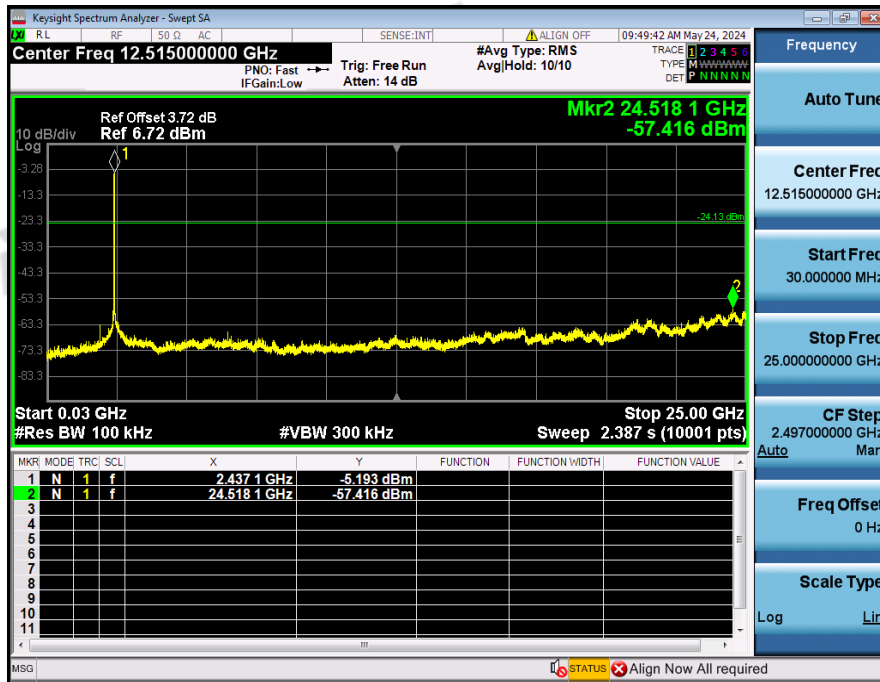
2_Spurious_Emission_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2437



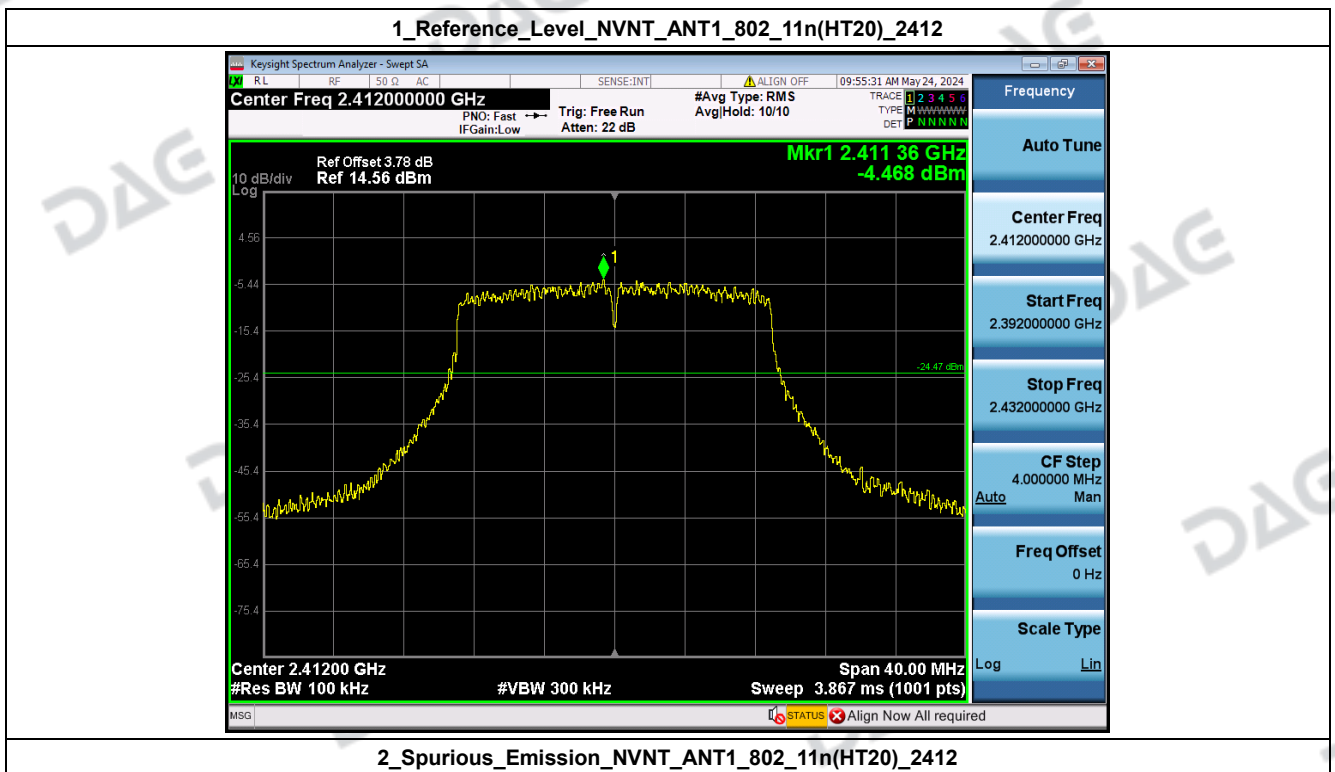
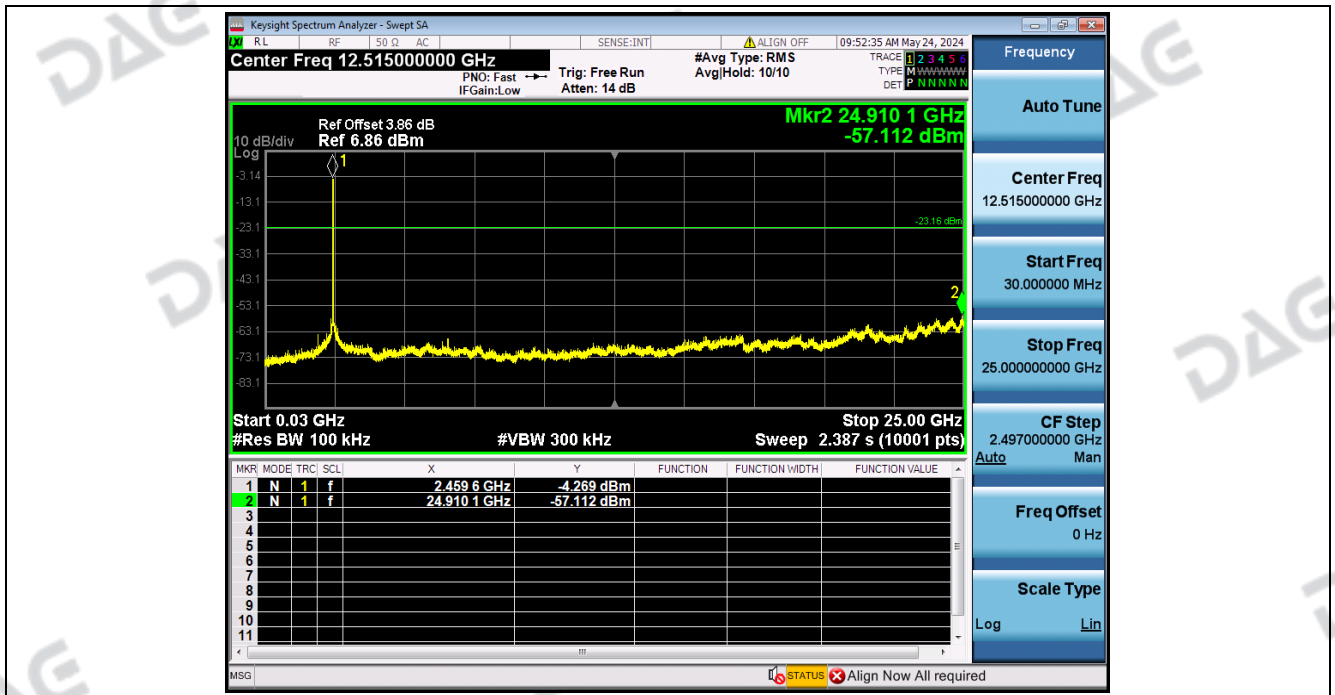
2_Spurious_Emission_NVNT_ANT1_802_11g_2437

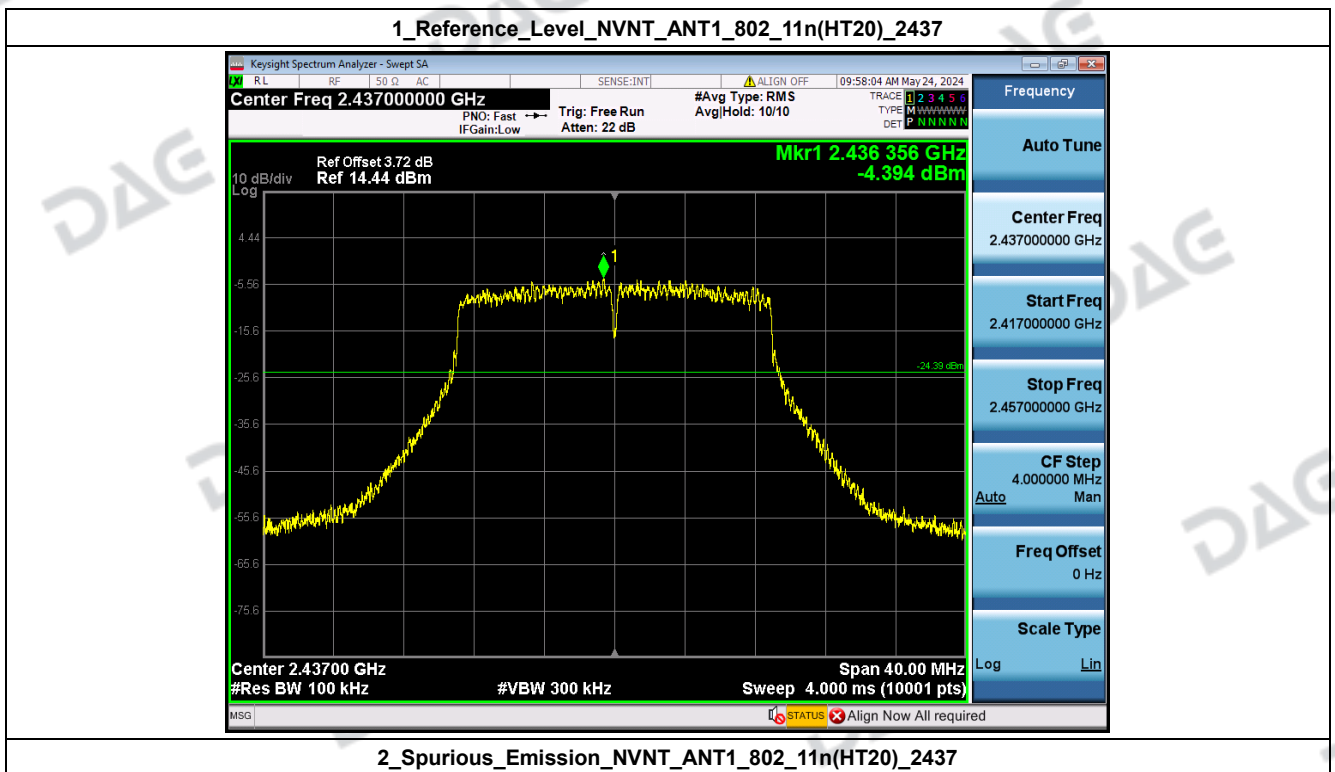
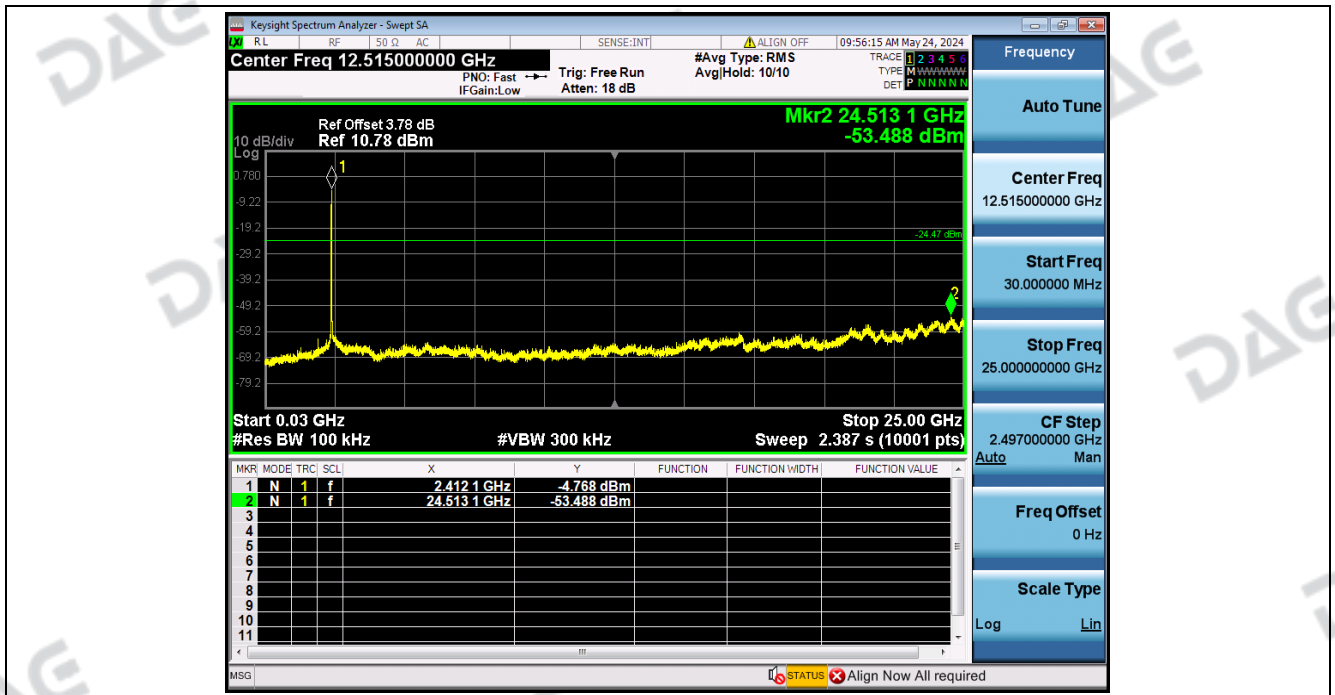


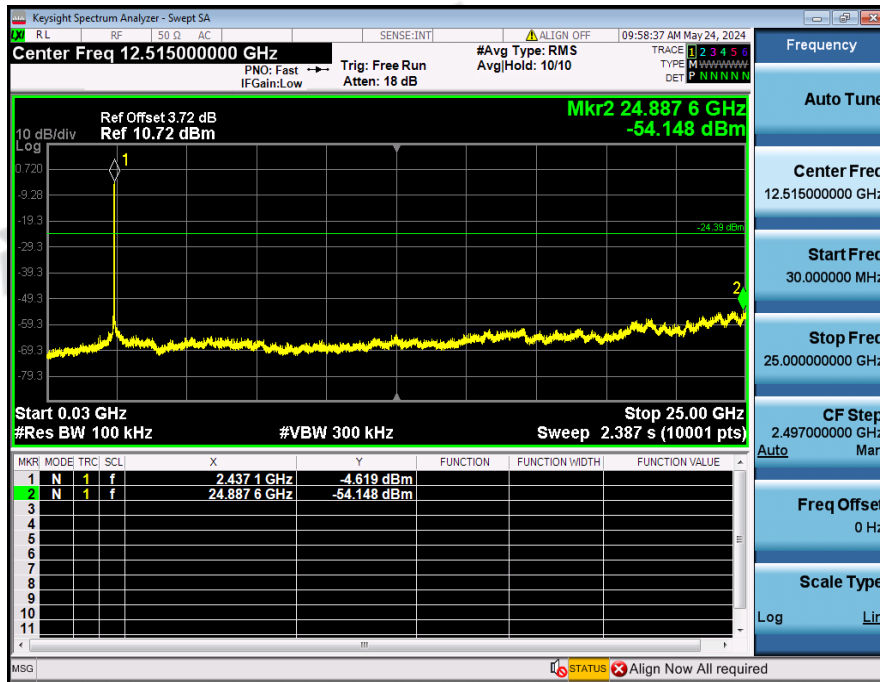
1_Reference_Level_NVNT_ANT1_802_11g_2462



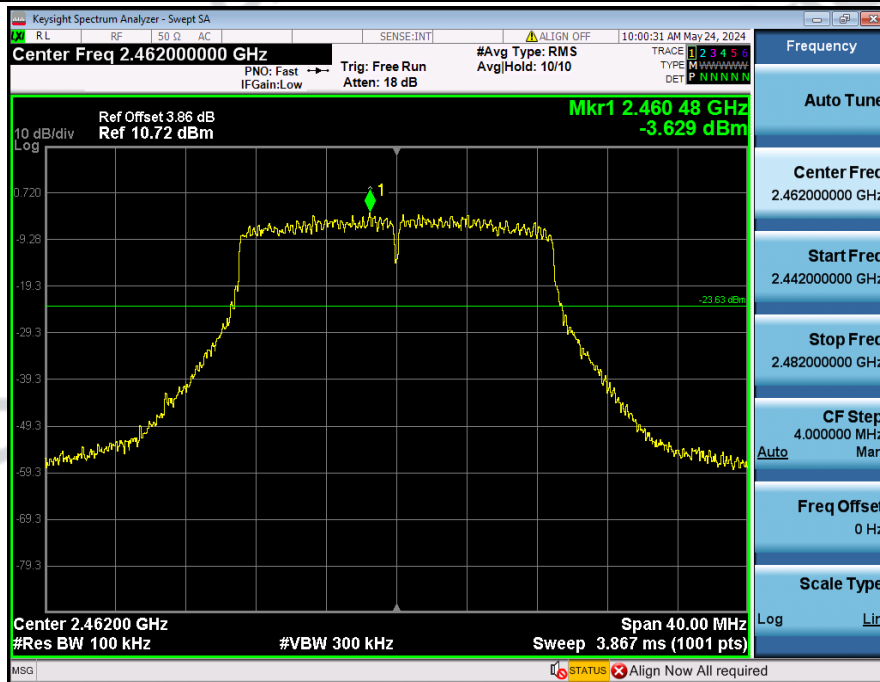
2_Spurious_Emission_NVNT_ANT1_802_11g_2462



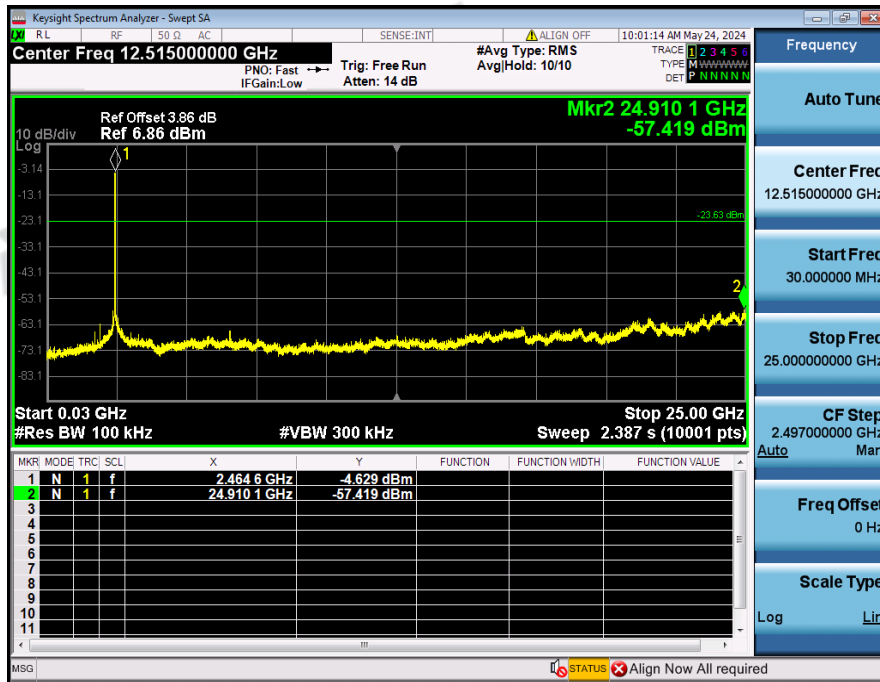




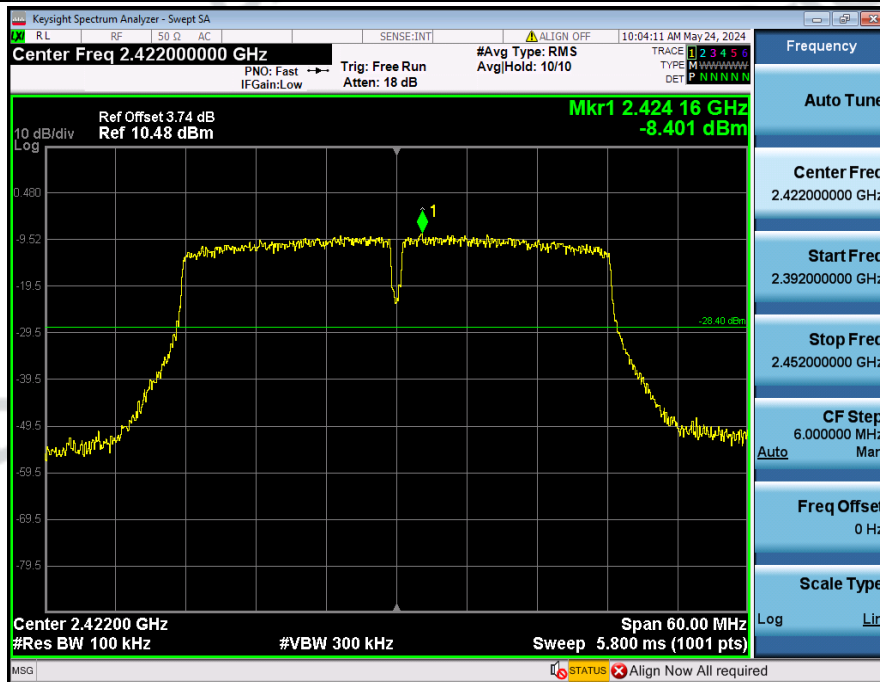
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



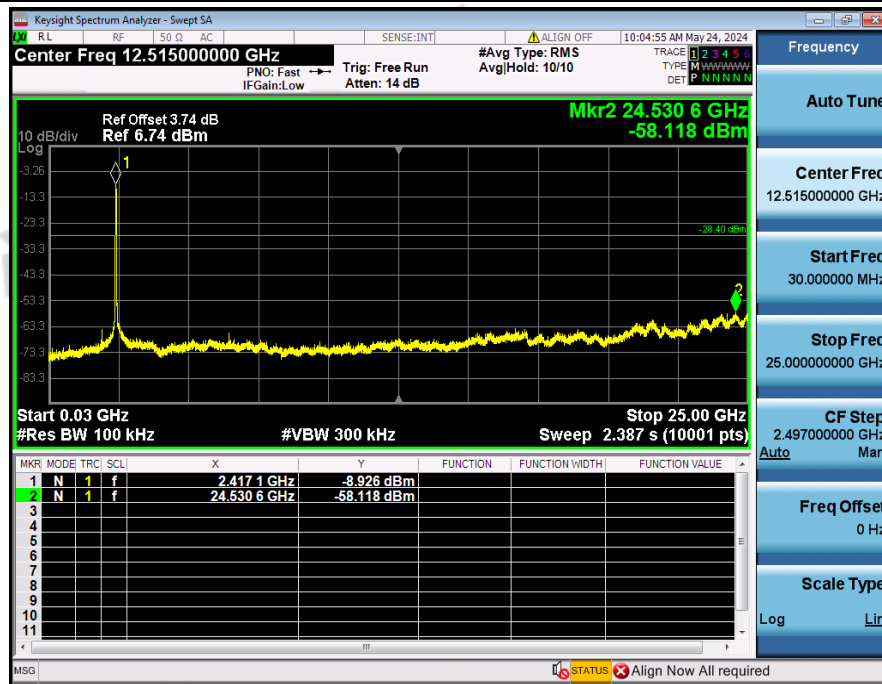
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2462



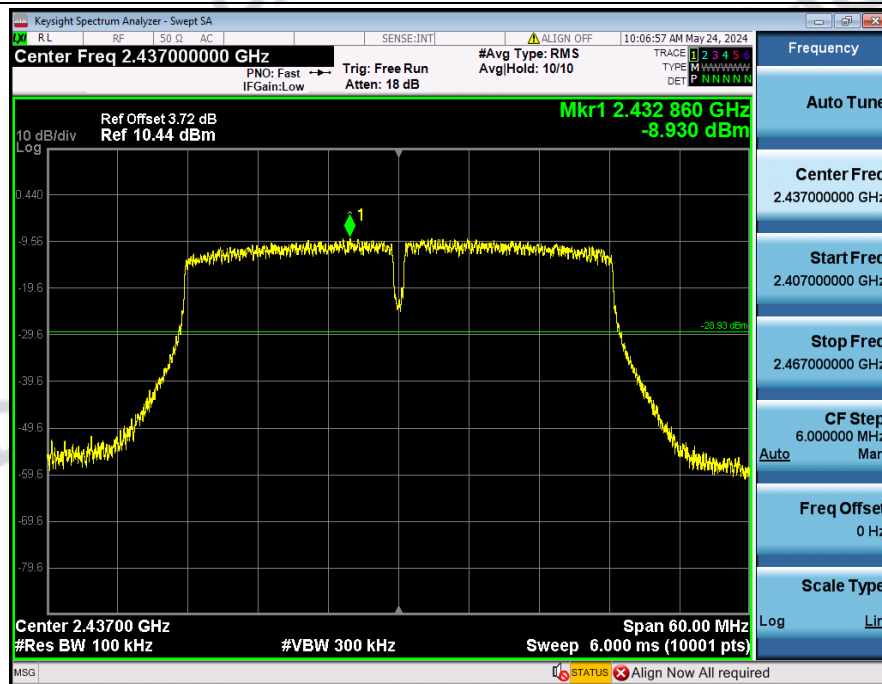
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



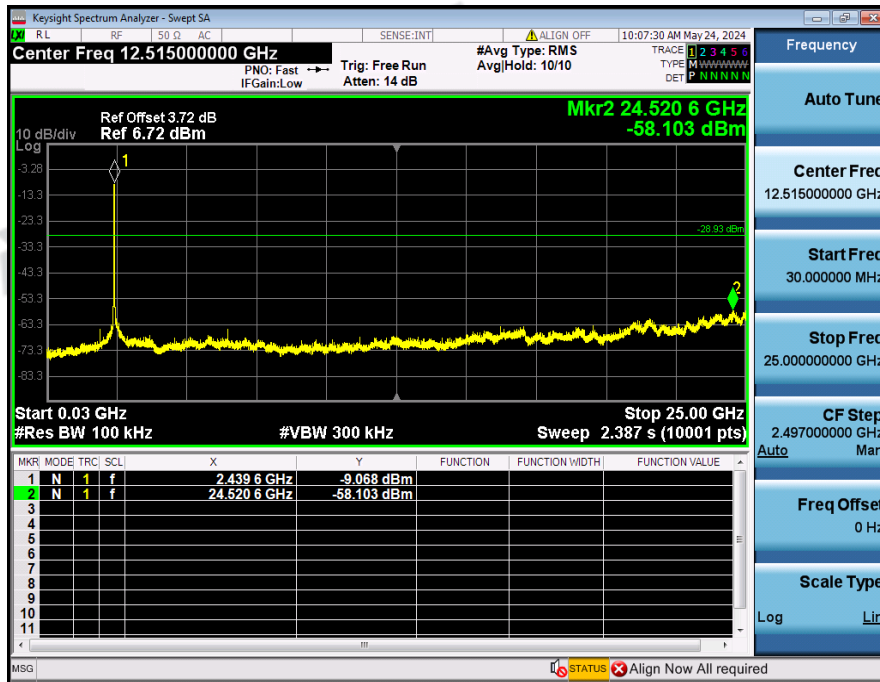
2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2422



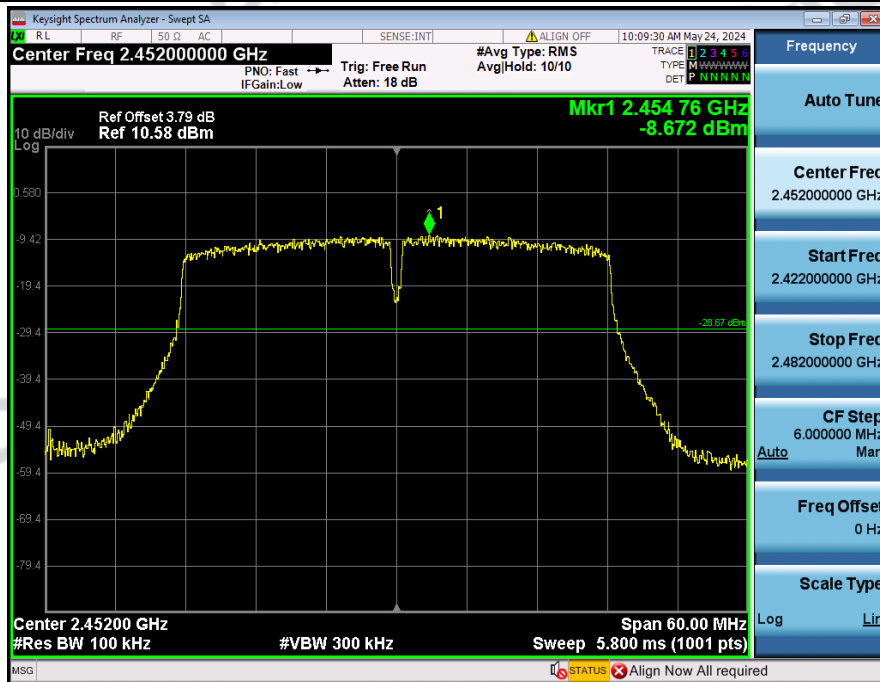
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2437



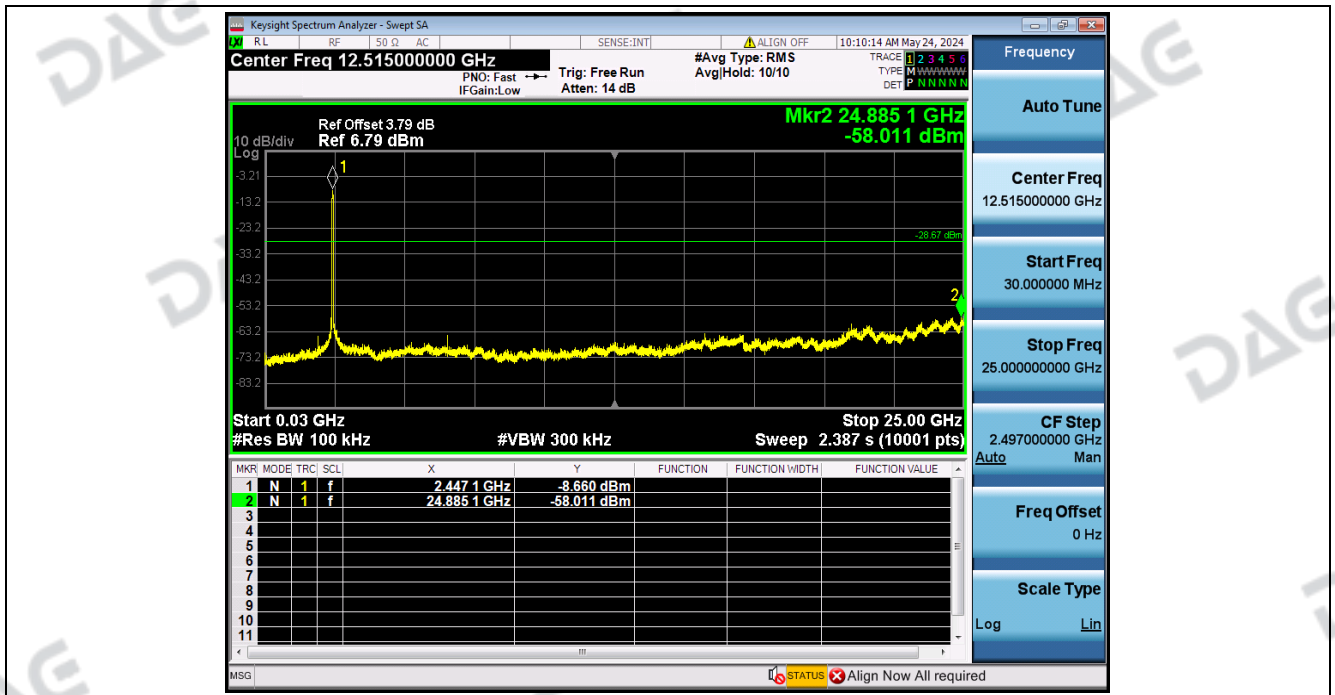
2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2437



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2452



***** End of Report *****