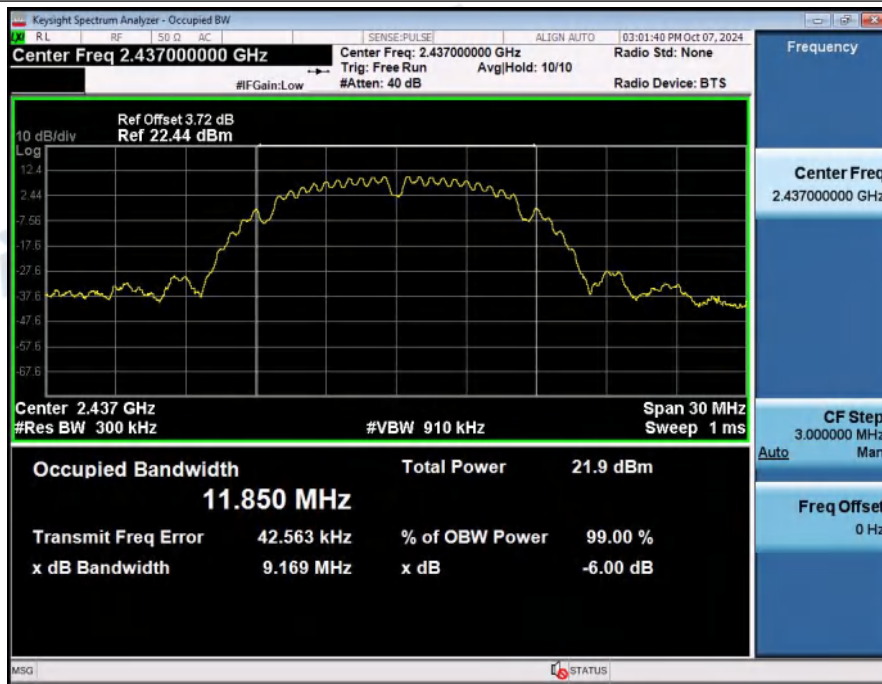
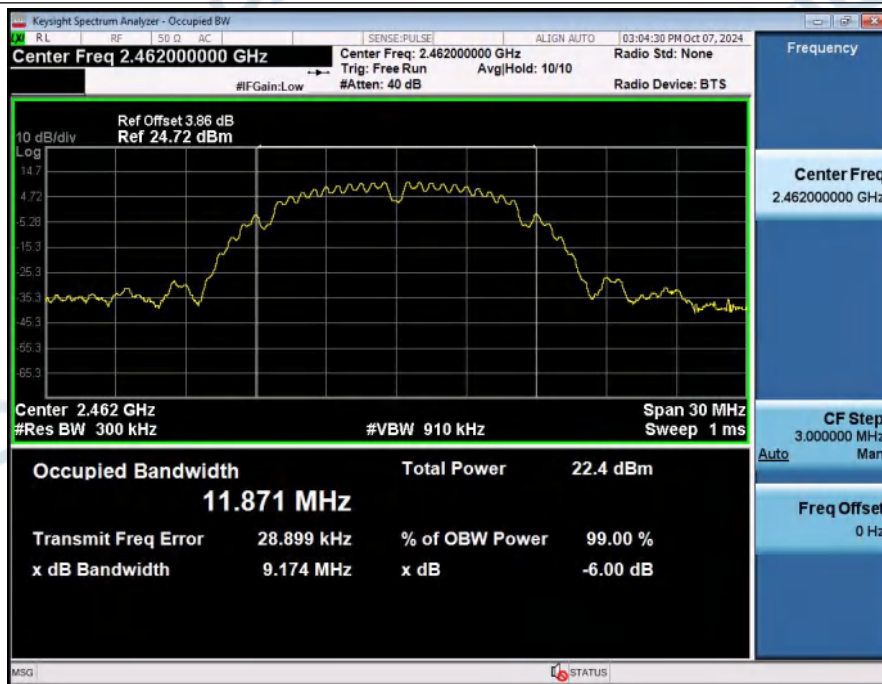
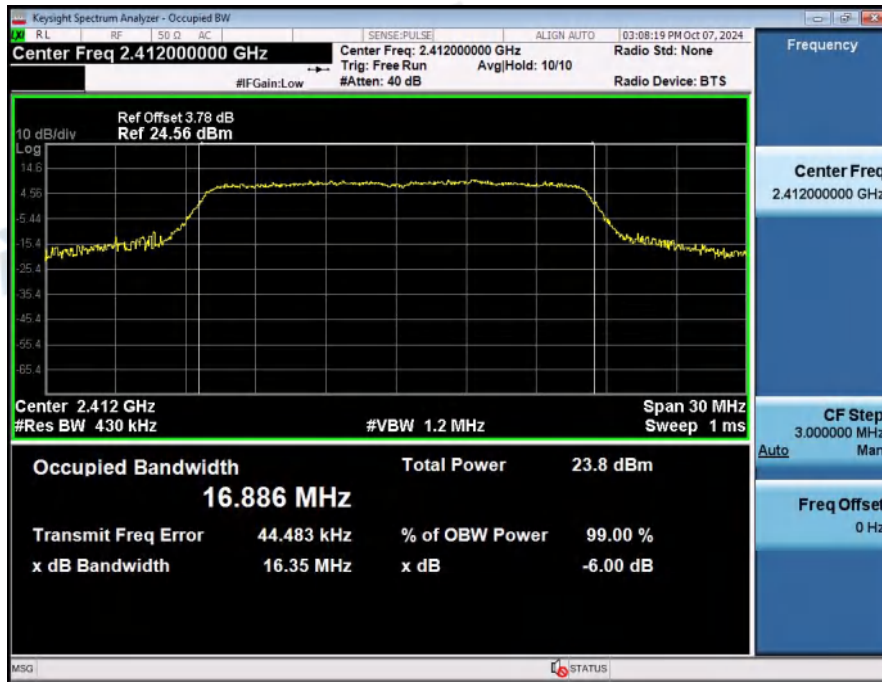




-6dB_Bandwidth_NVNT_ANT1_802_11b_2462



-6dB_Bandwidth_NVNT_ANT1_802_11g_2412



-6dB_Bandwidth_NVNT_ANT1_802_11g_2437



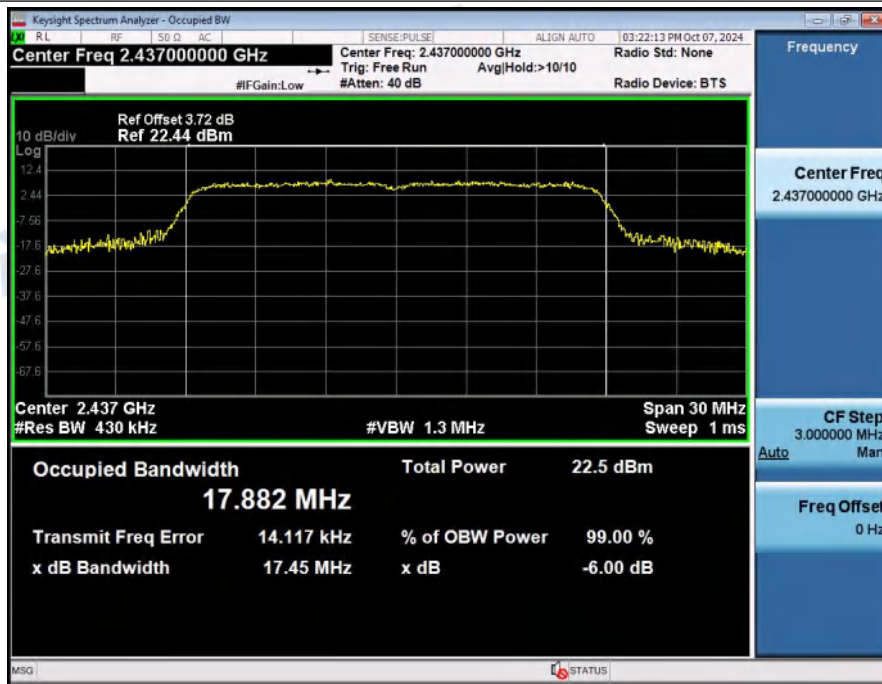
-6dB_Bandwidth_NVNT_ANT1_802_11g_2462



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



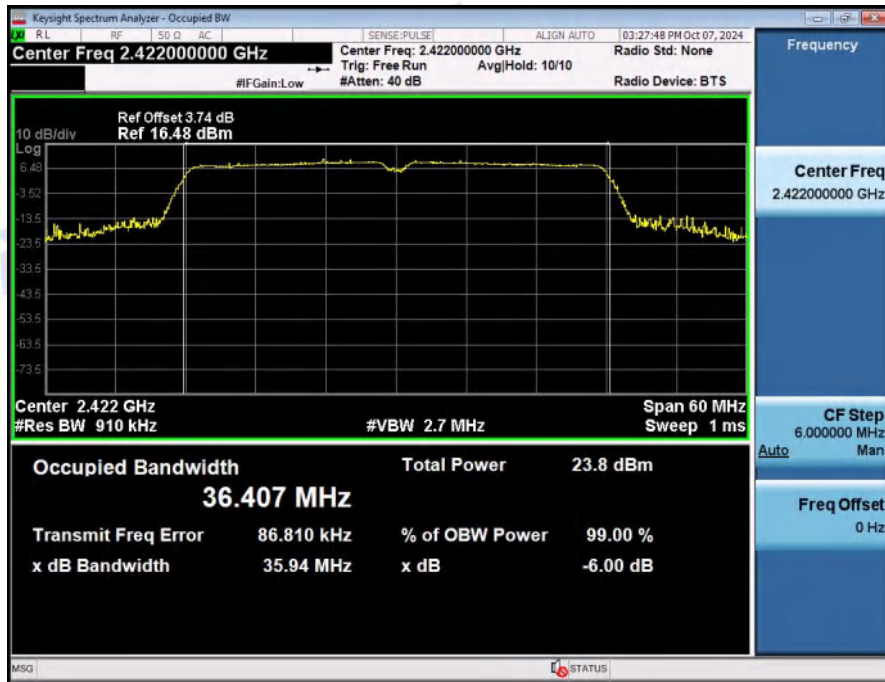
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2437



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



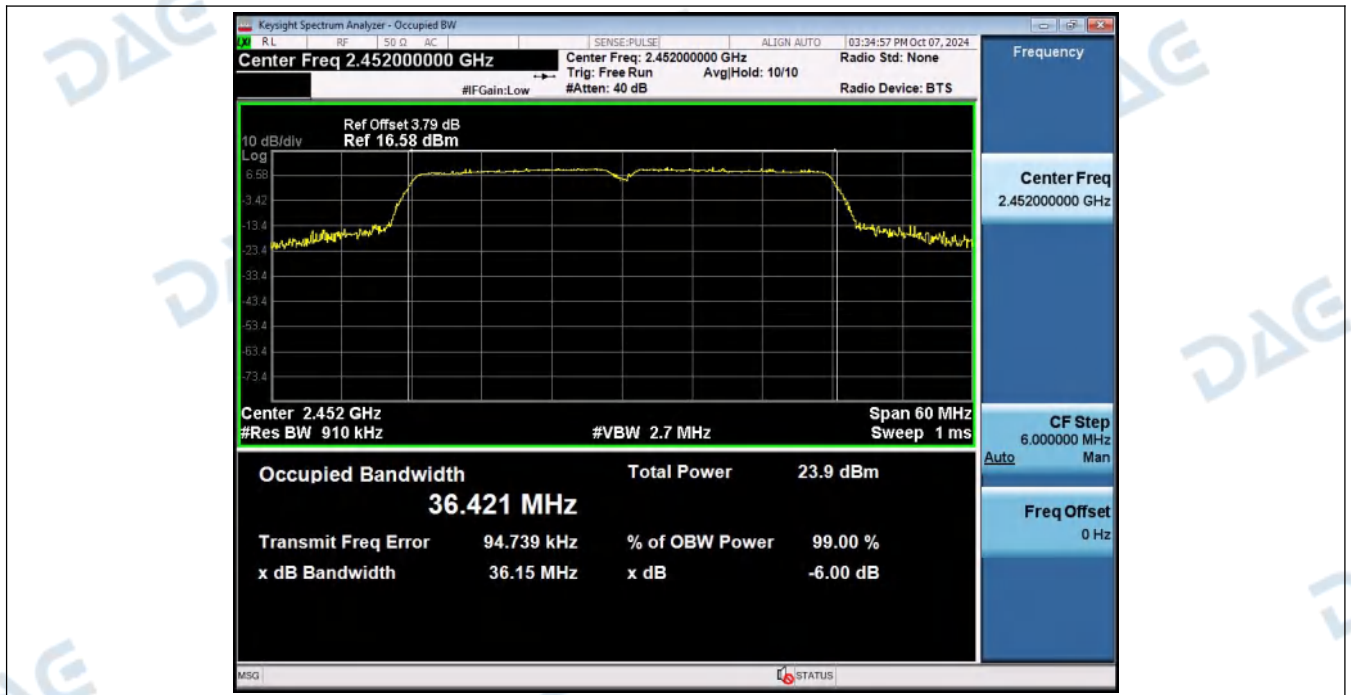
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2422



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2437



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452



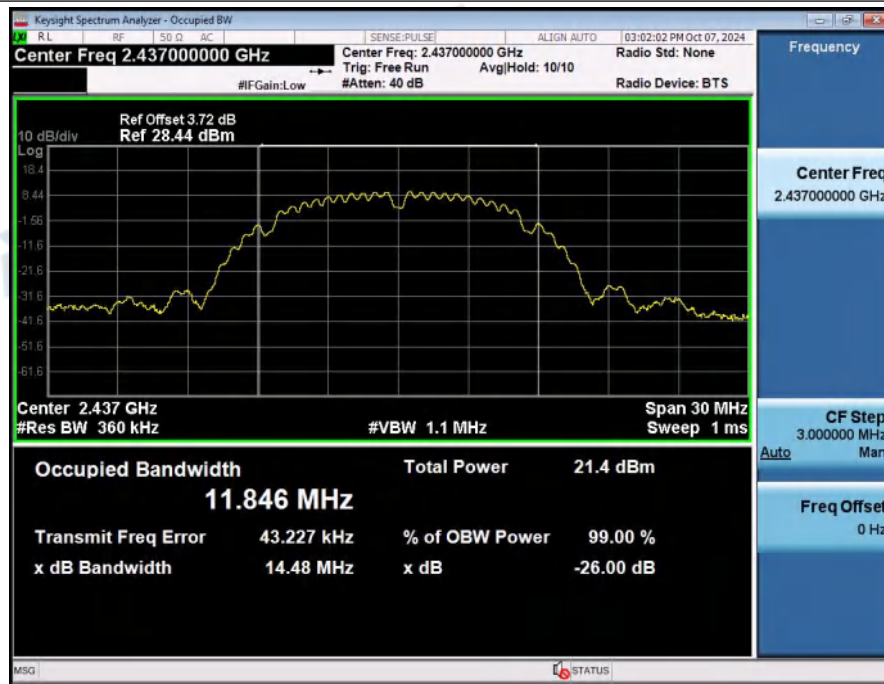
2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	802.11b	2412.00	11.881
NVNT	ANT1	802.11b	2437.00	11.846
NVNT	ANT1	802.11b	2462.00	11.869
NVNT	ANT1	802.11g	2412.00	16.993
NVNT	ANT1	802.11g	2437.00	17.097
NVNT	ANT1	802.11g	2462.00	17.001
NVNT	ANT1	802.11n(HT20)	2412.00	17.951
NVNT	ANT1	802.11n(HT20)	2437.00	18.020
NVNT	ANT1	802.11n(HT20)	2462.00	17.915
NVNT	ANT1	802.11n(HT40)	2422.00	36.385
NVNT	ANT1	802.11n(HT40)	2437.00	36.384
NVNT	ANT1	802.11n(HT40)	2452.00	36.407

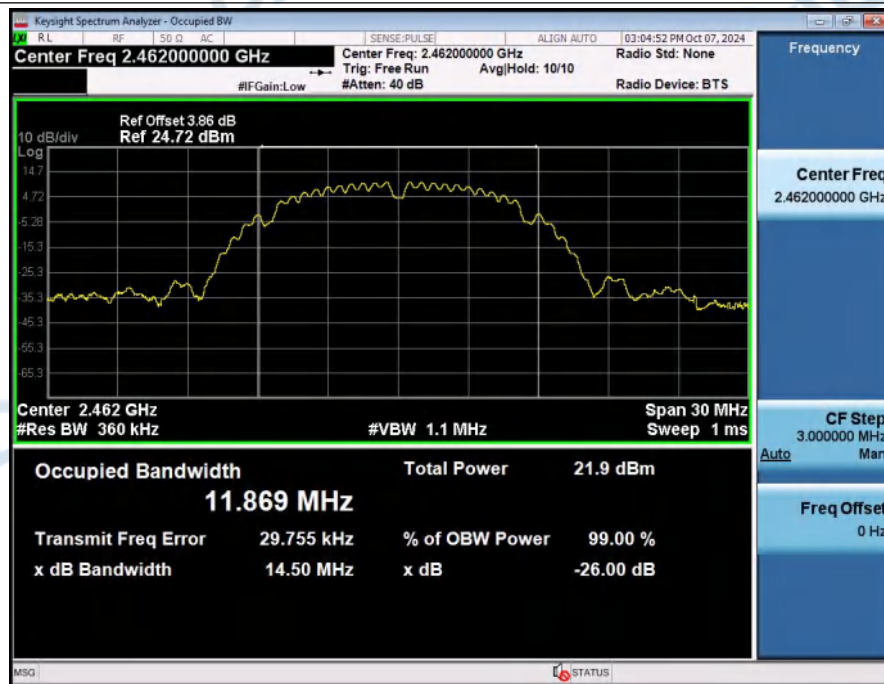
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2412



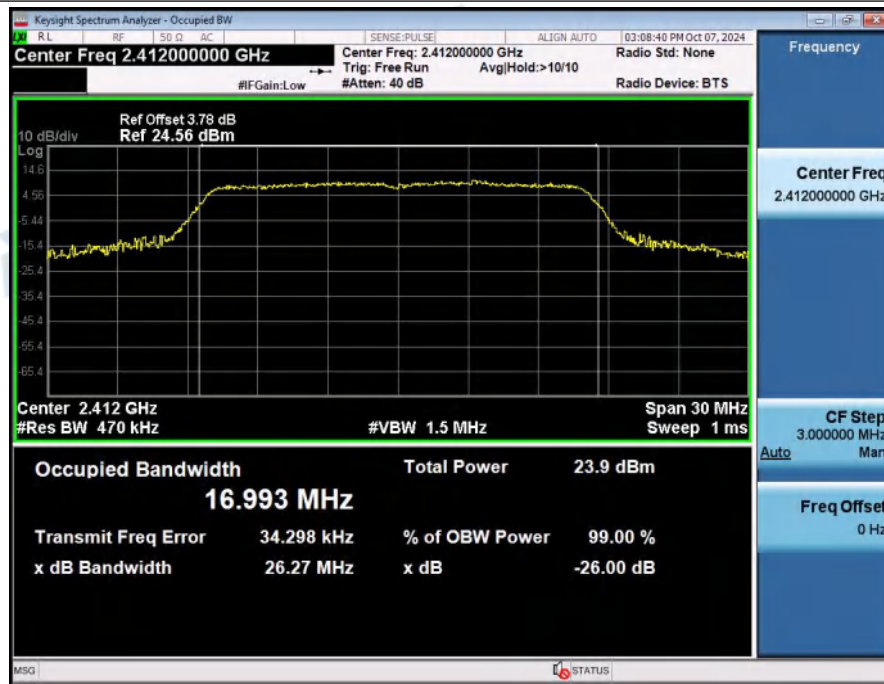
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2437



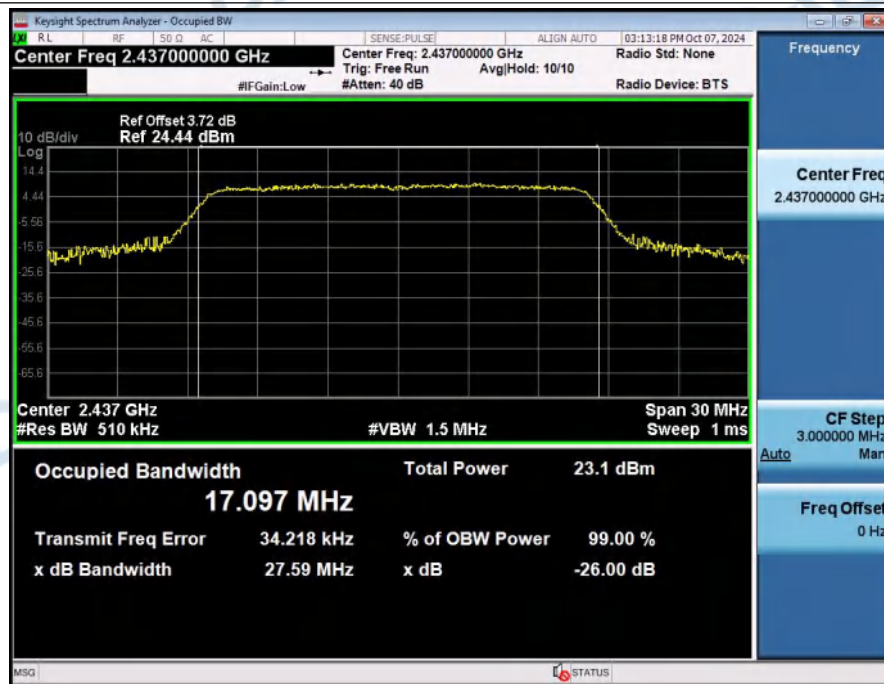
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2462



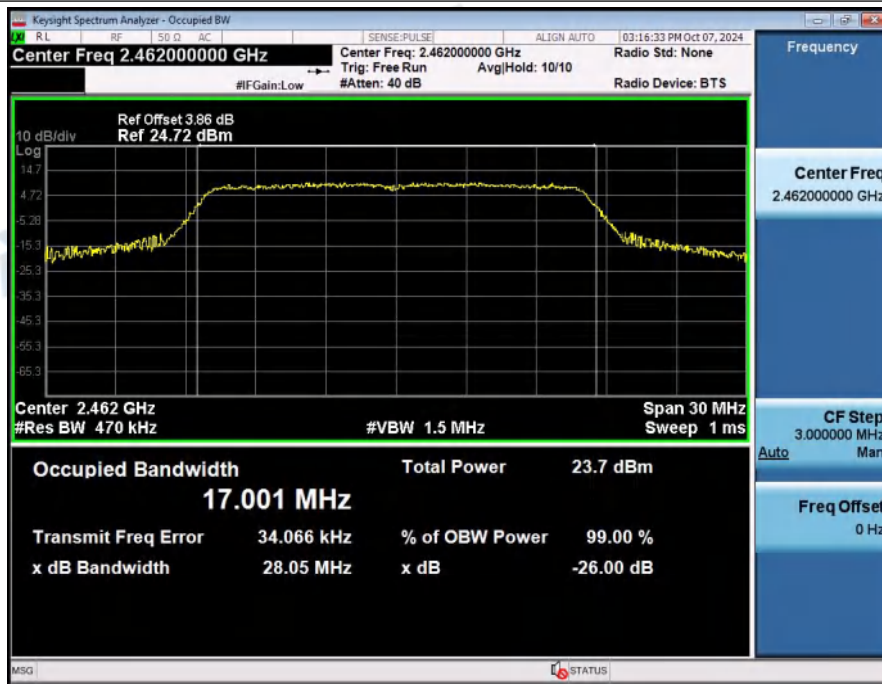
99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2412



99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2437



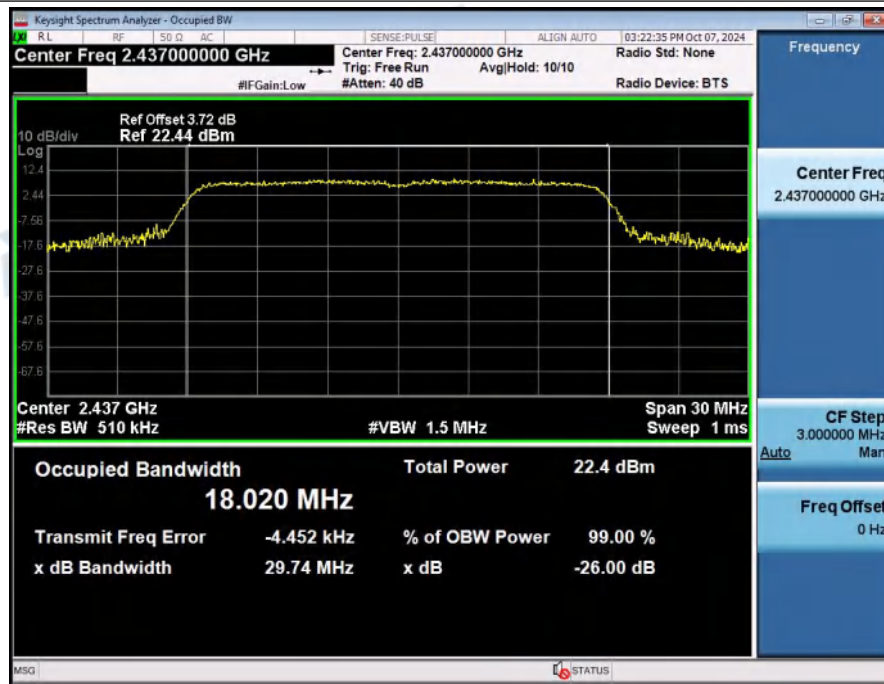
99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2462



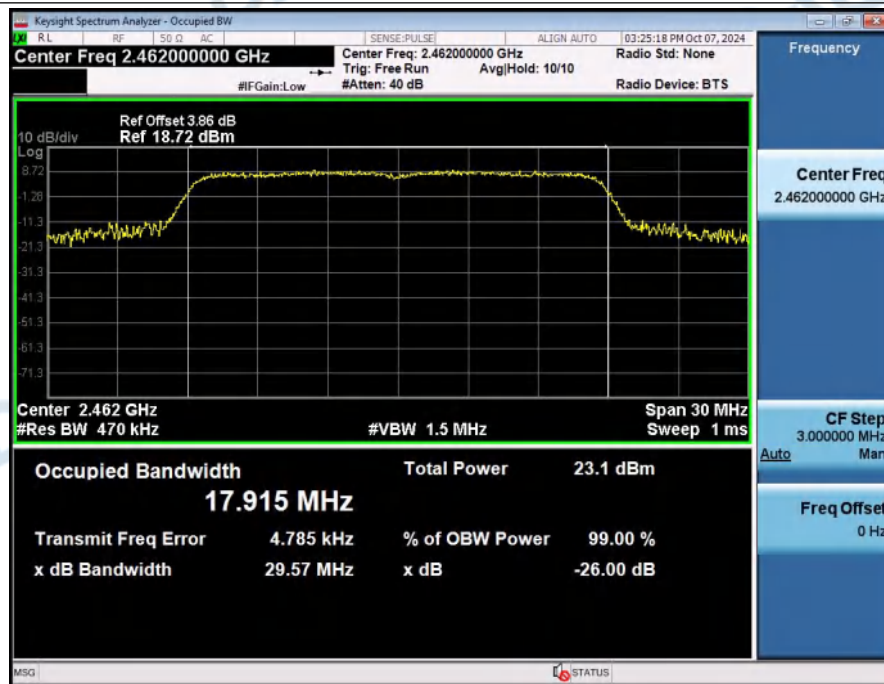
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



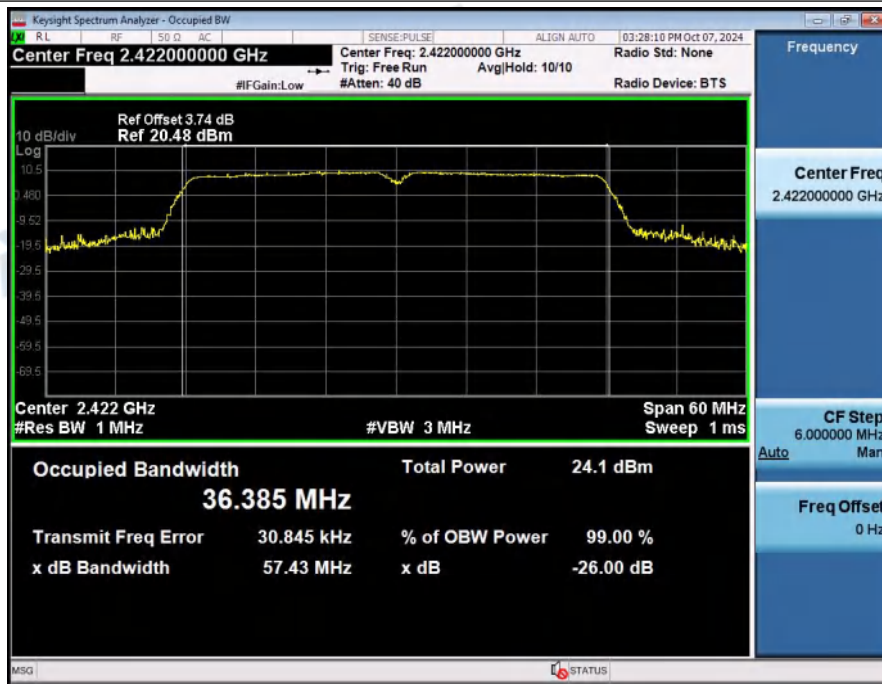
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2437



99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



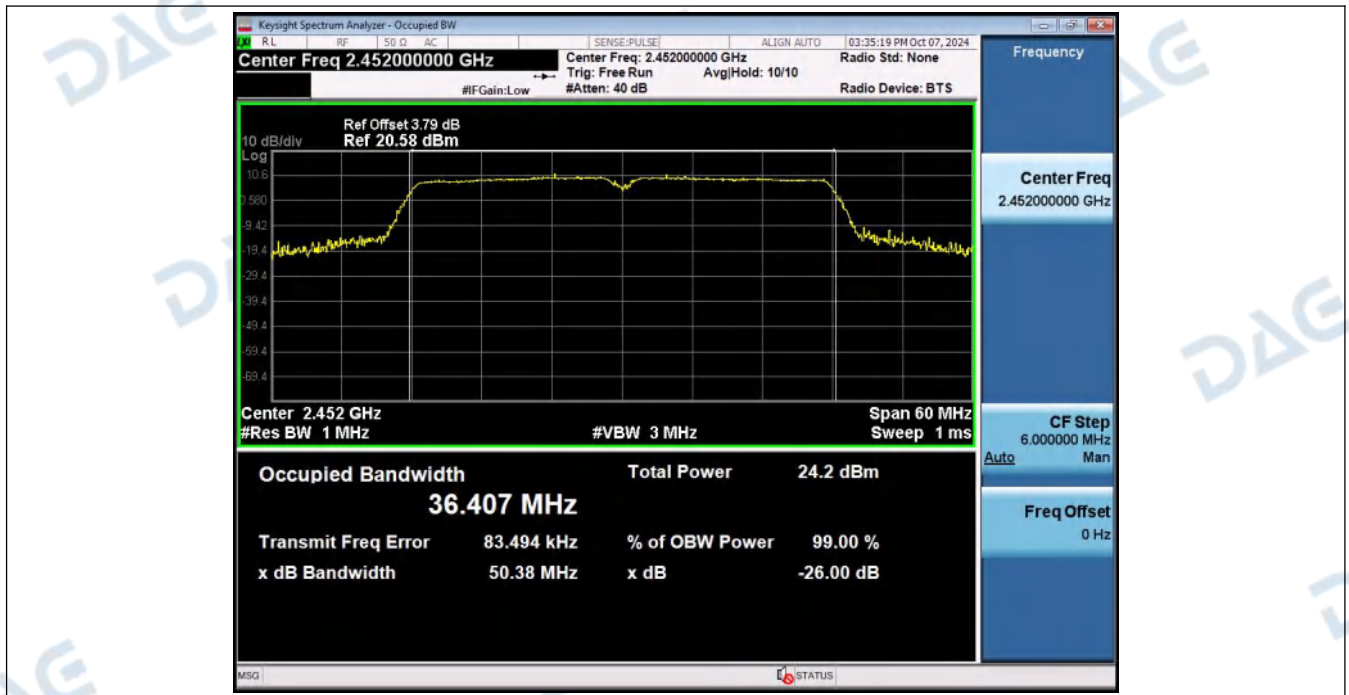
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2422



99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2437



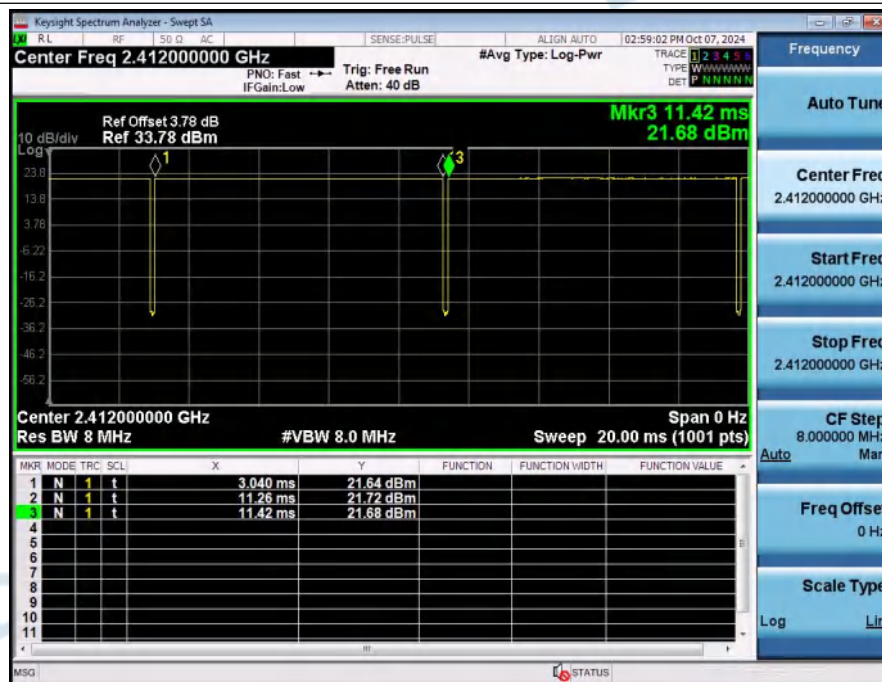
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452



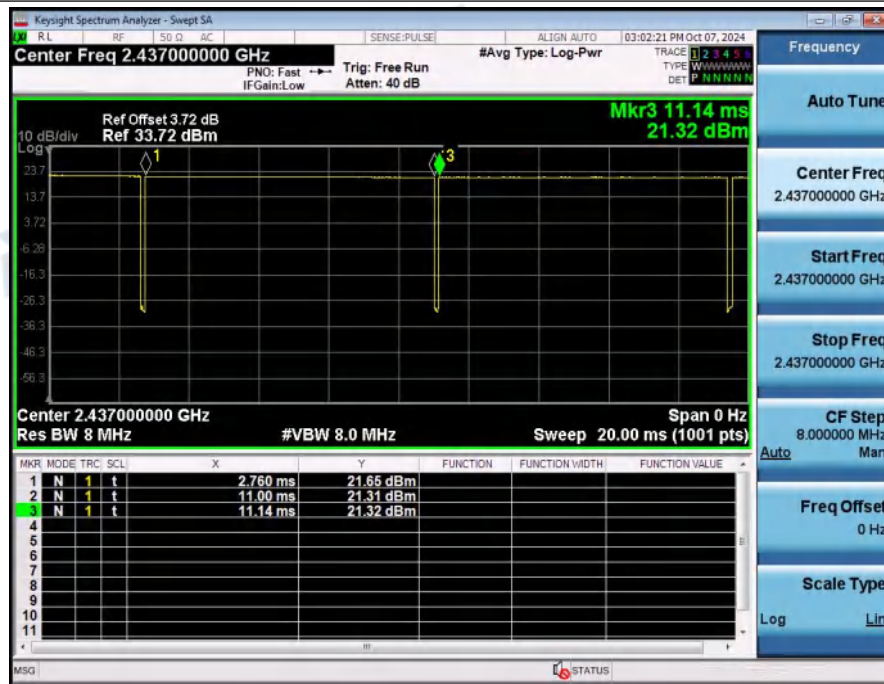
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor(dB)
NVNT	ANT1	802.11b	2412.00	98.33	0.00
NVNT	ANT1	802.11b	2437.00	98.57	0.00
NVNT	ANT1	802.11b	2462.00	98.56	0.00
NVNT	ANT1	802.11g	2412.00	92.00	0.36
NVNT	ANT1	802.11g	2437.00	92.00	0.36
NVNT	ANT1	802.11g	2462.00	92.00	0.36
NVNT	ANT1	802.11n(HT20)	2412.00	91.55	0.38
NVNT	ANT1	802.11n(HT20)	2437.00	90.14	0.45
NVNT	ANT1	802.11n(HT20)	2462.00	91.55	0.38
NVNT	ANT1	802.11n(HT40)	2422.00	84.62	0.73
NVNT	ANT1	802.11n(HT40)	2437.00	84.62	0.73
NVNT	ANT1	802.11n(HT40)	2452.00	84.62	0.73

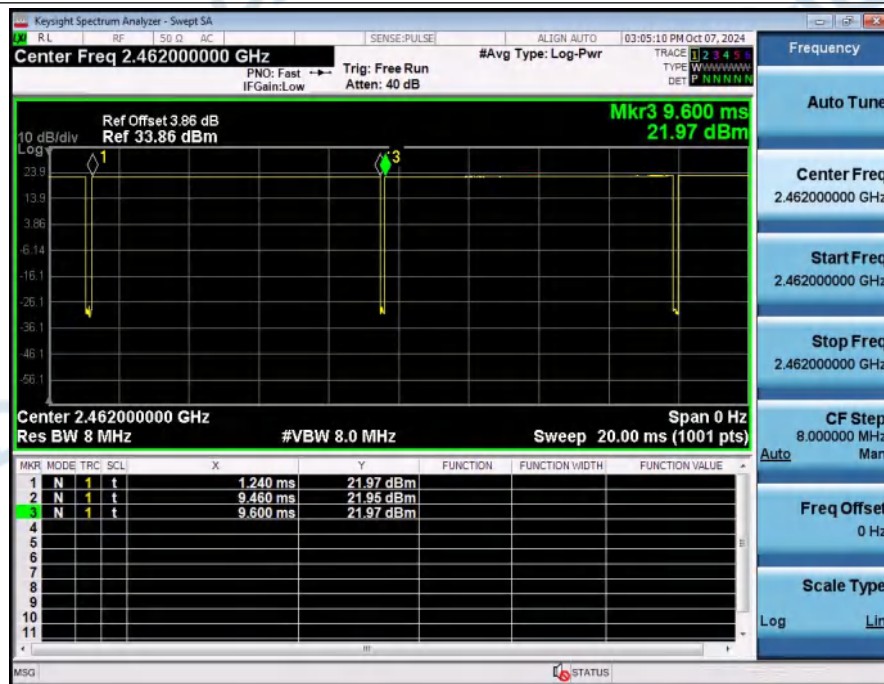
Duty_Cycle_NVNT_ANT1_802_11b_2412



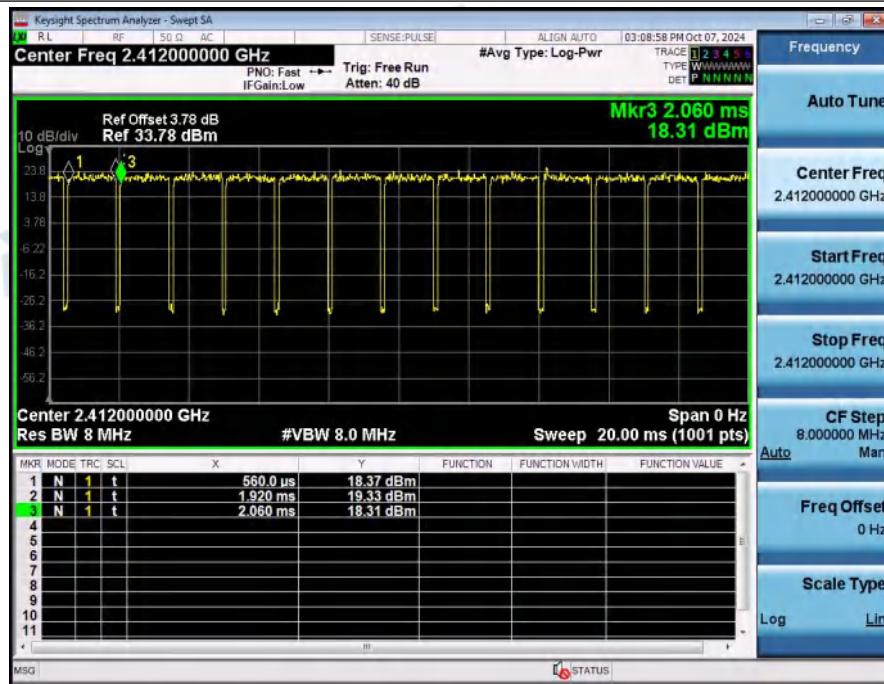
Duty_Cycle_NVNT_ANT1_802_11b_2437



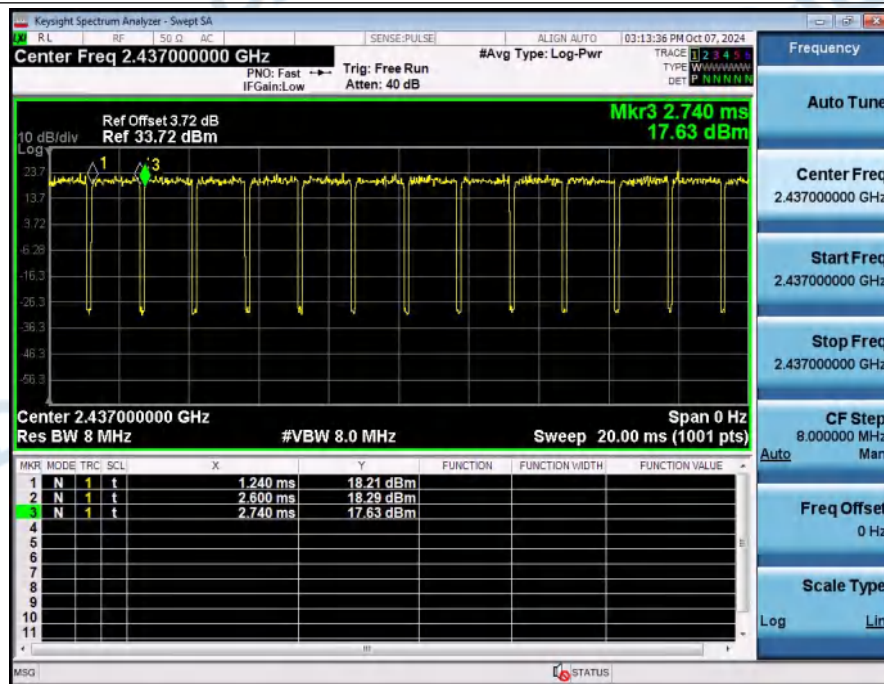
Duty_Cycle_NVNT_ANT1_802_11b_2462



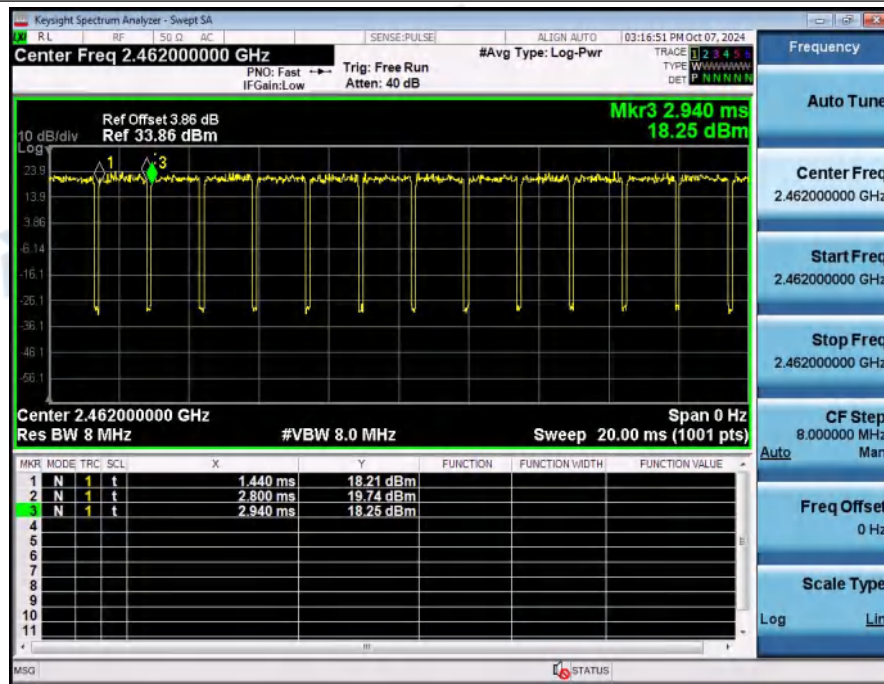
Duty_Cycle_NVNT_ANT1_802_11g_2412



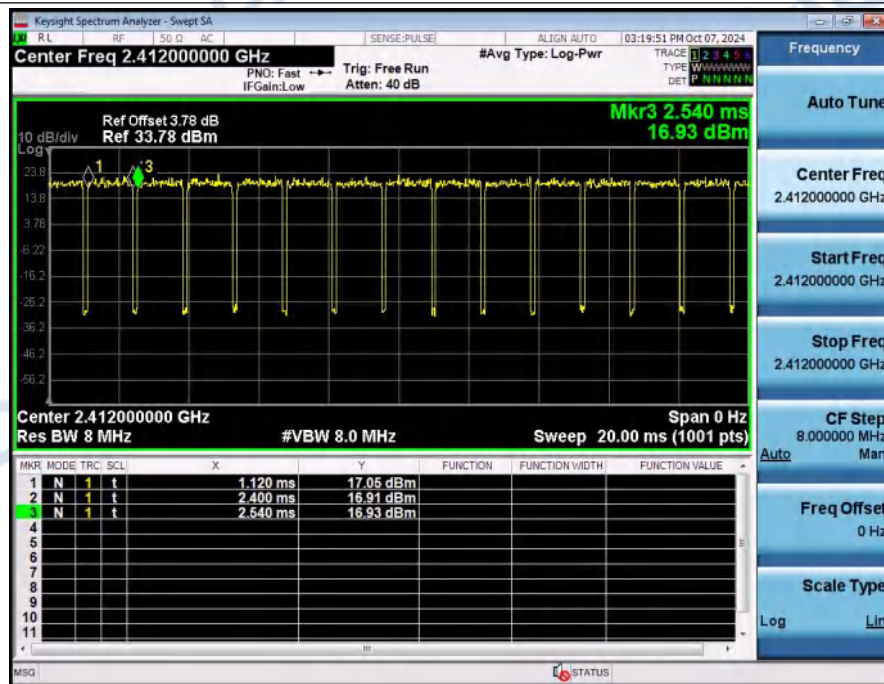
Duty_Cycle_NVNT_ANT1_802_11g_2437



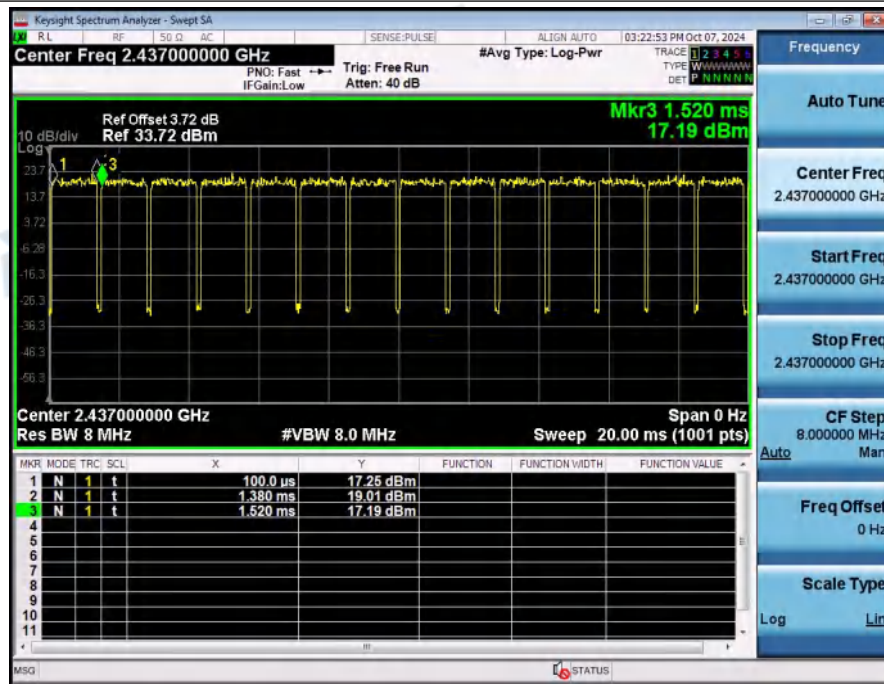
Duty_Cycle_NVNT_ANT1_802_11g_2462



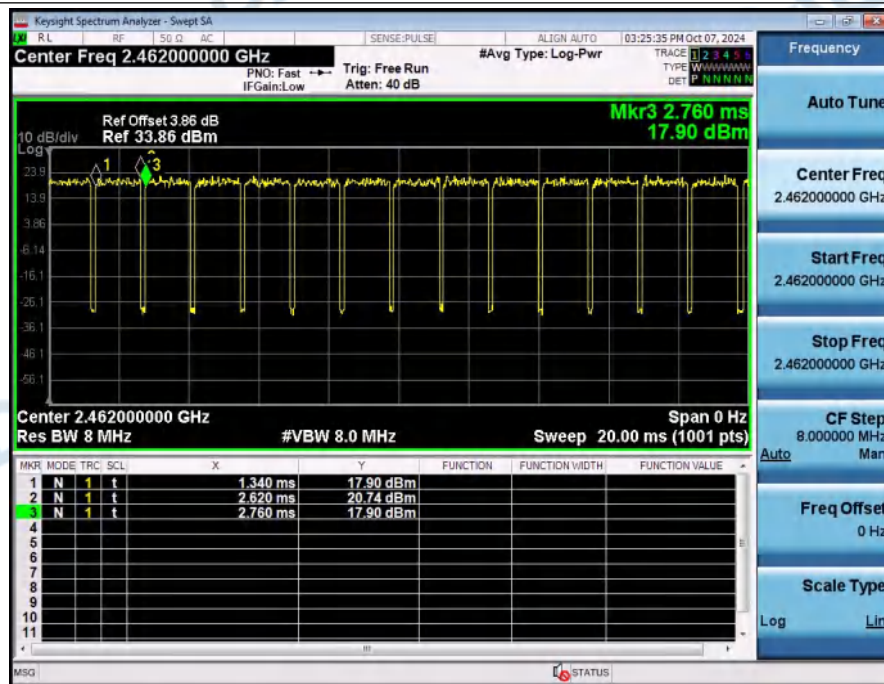
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2412



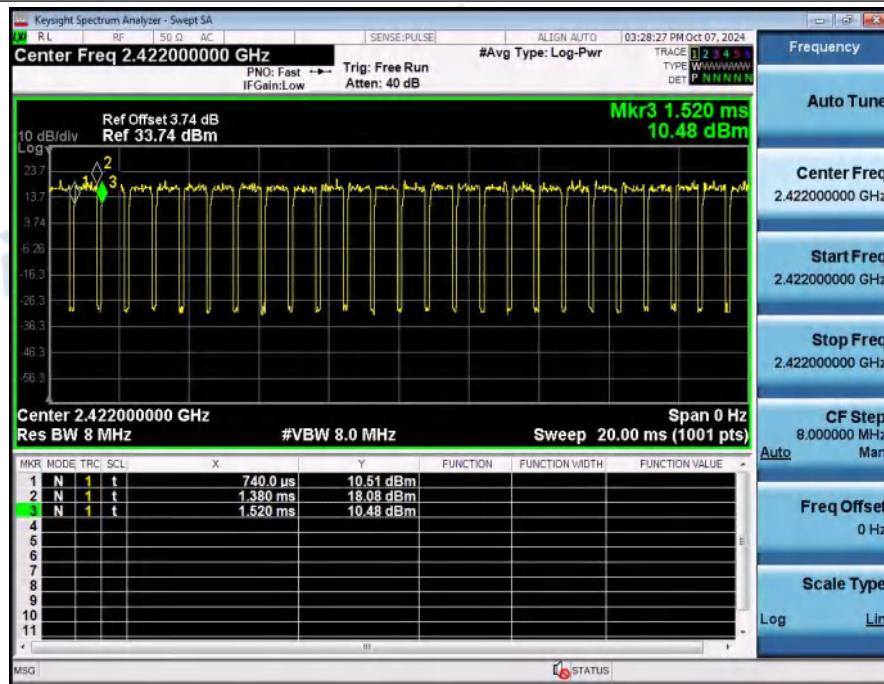
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2437



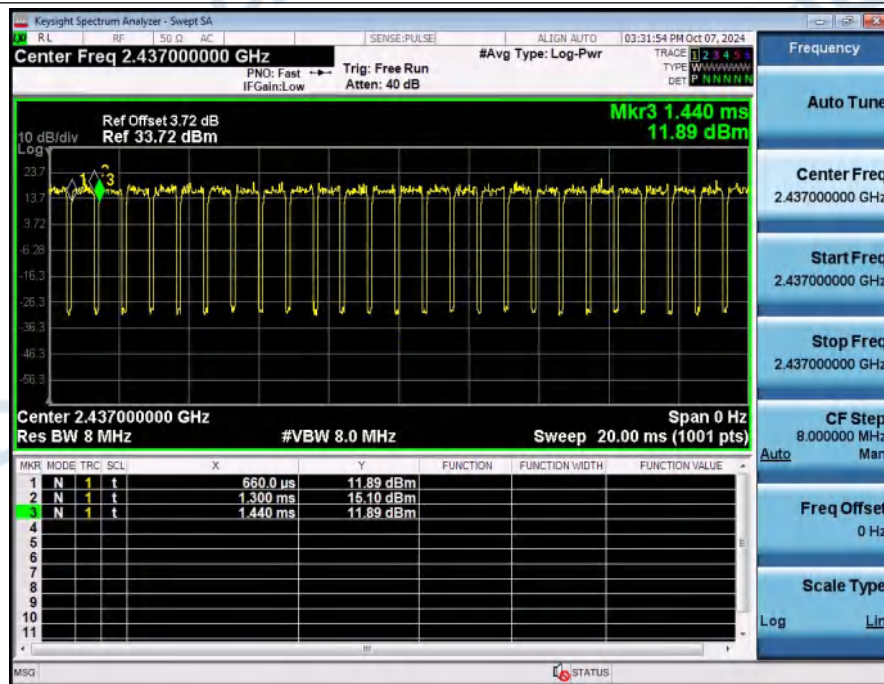
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2462



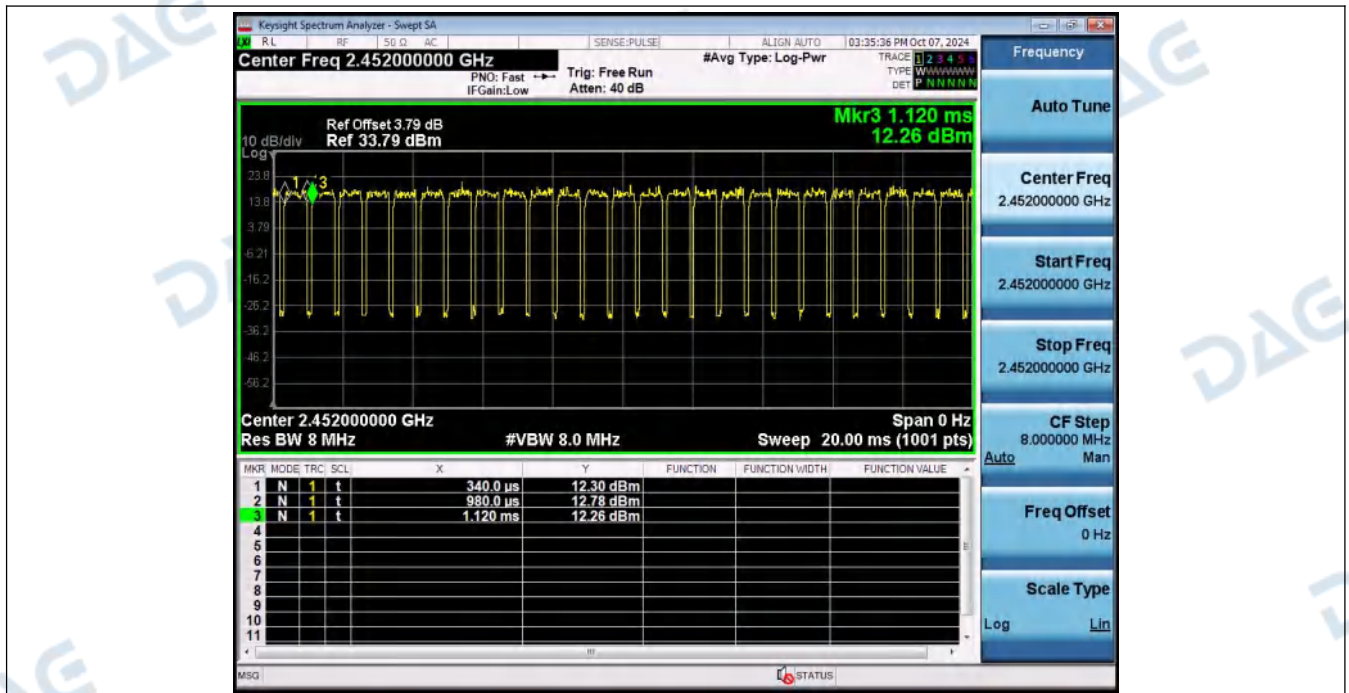
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2422



Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2437



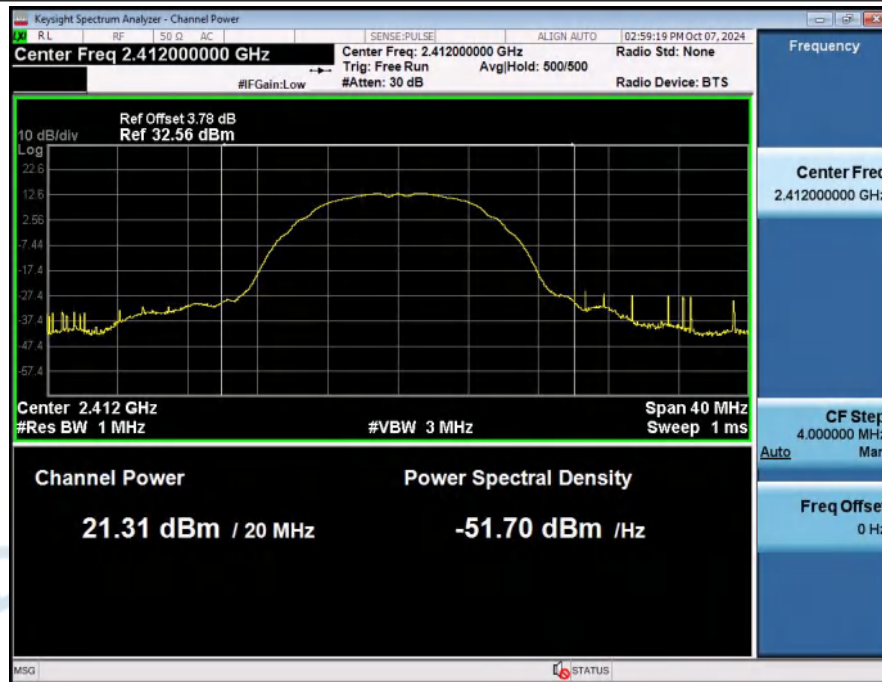
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2452



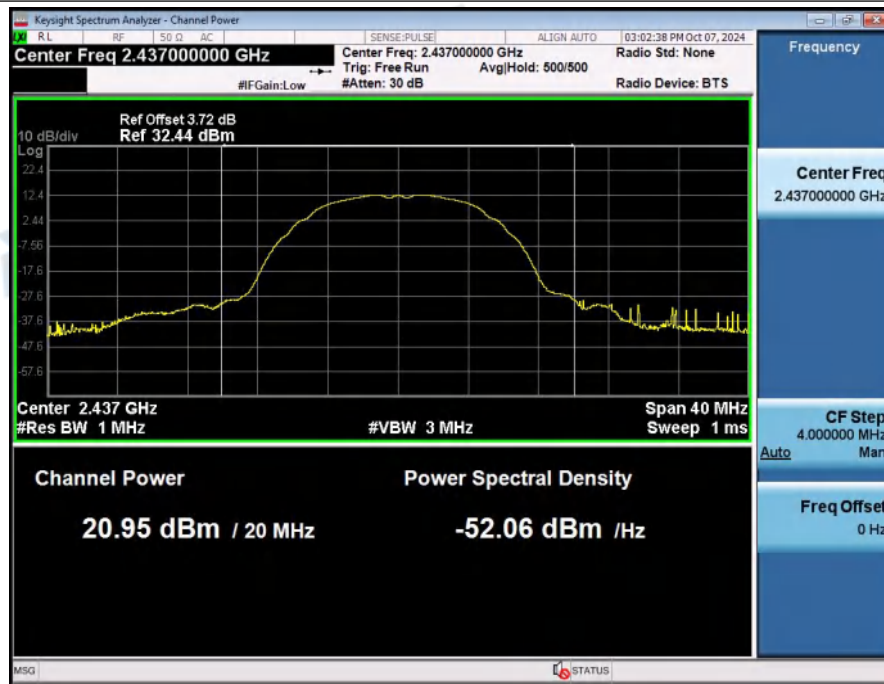
4. MAX. Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	Peak	21.31	N/A	21.31	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	20.95	N/A	20.95	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	21.56	N/A	21.56	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	24.58	N/A	24.58	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	23.73	N/A	23.73	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	24.34	N/A	24.34	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	23.33	N/A	23.33	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	23.15	N/A	23.15	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	23.76	N/A	23.76	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	23.86	N/A	23.86	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	23.62	N/A	23.62	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	23.94	N/A	23.94	30	Pass

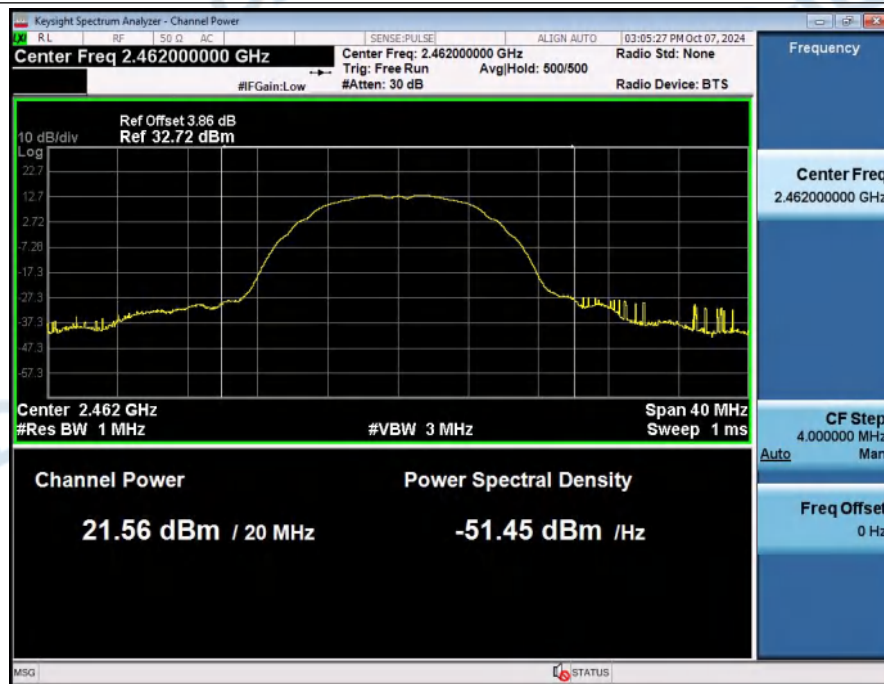
MAX__Output_Power_NVNT_ANT1_802_11b_2412



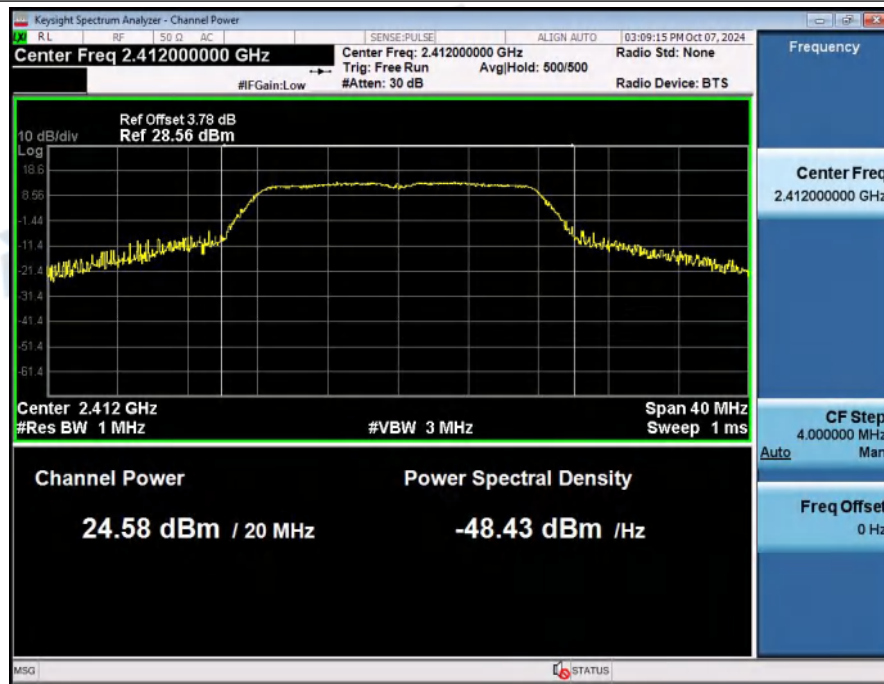
MAX__Output_Power_NVNT_ANT1_802_11b_2437



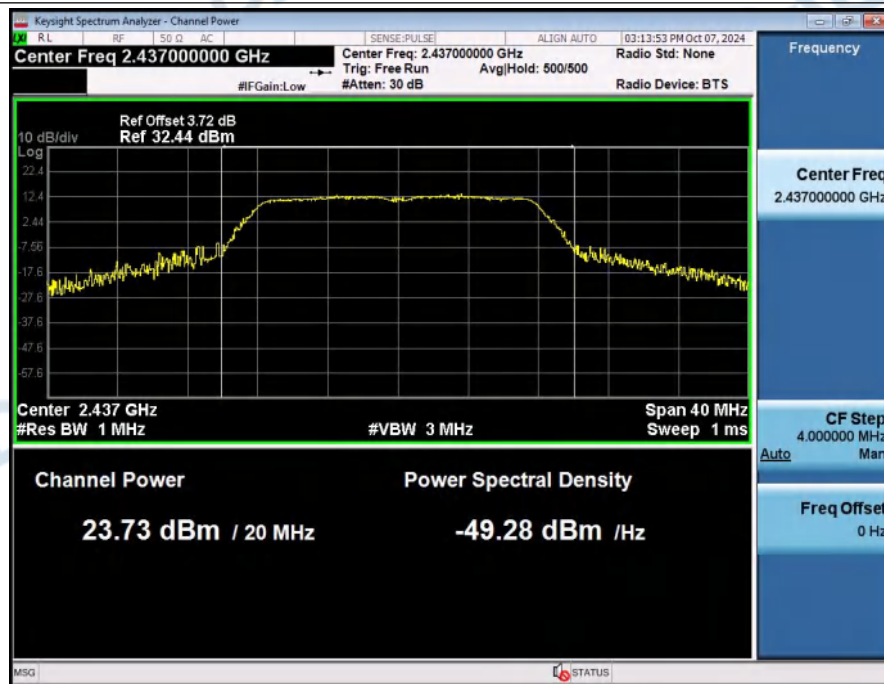
MAX__Output_Power_NVNT_ANT1_802_11b_2462



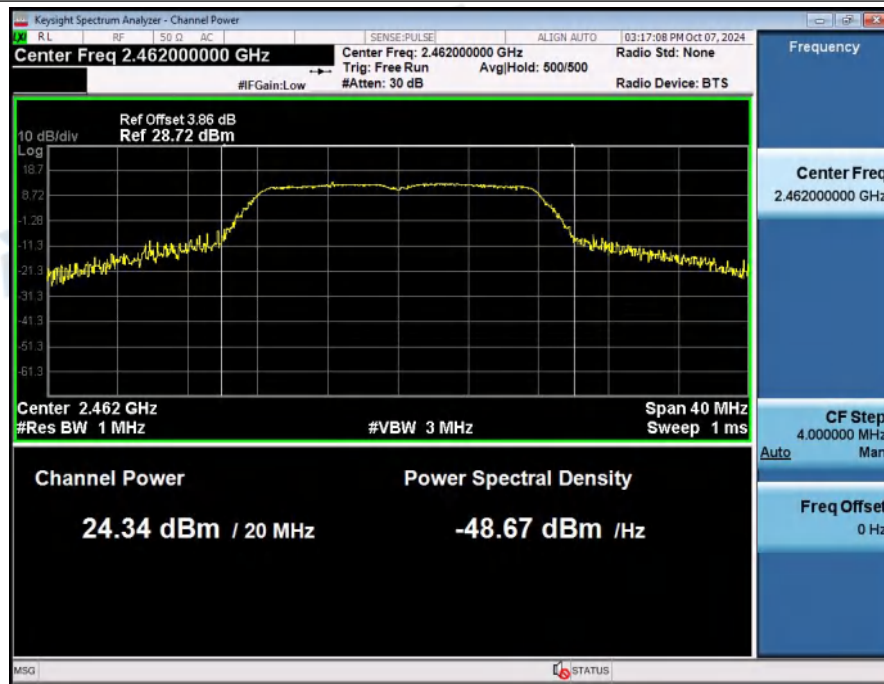
MAX__Output_Power_NVNT_ANT1_802_11g_2412



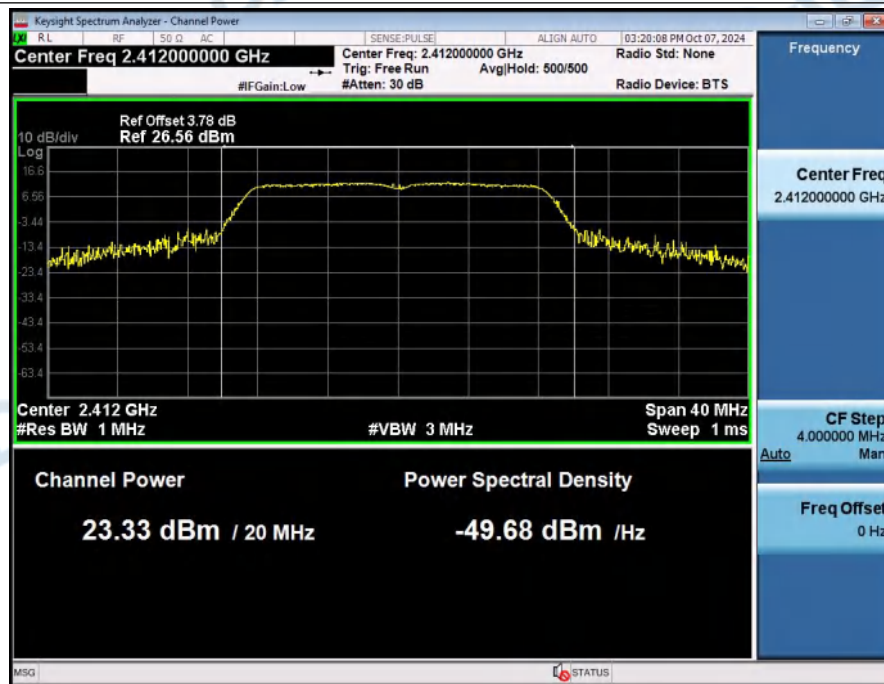
MAX__Output_Power_NVNT_ANT1_802_11g_2437



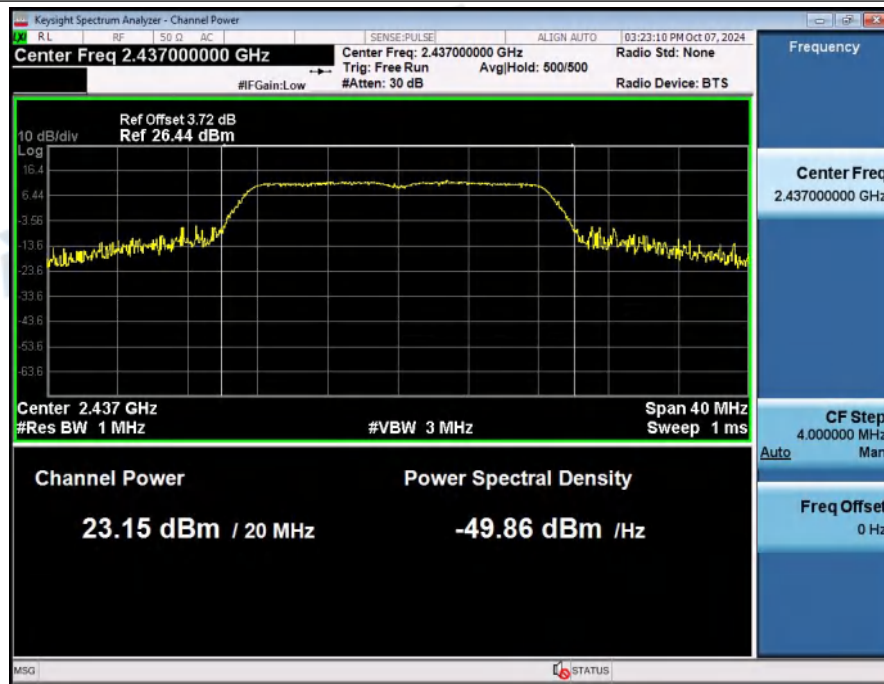
MAX__Output_Power_NVNT_ANT1_802_11g_2462



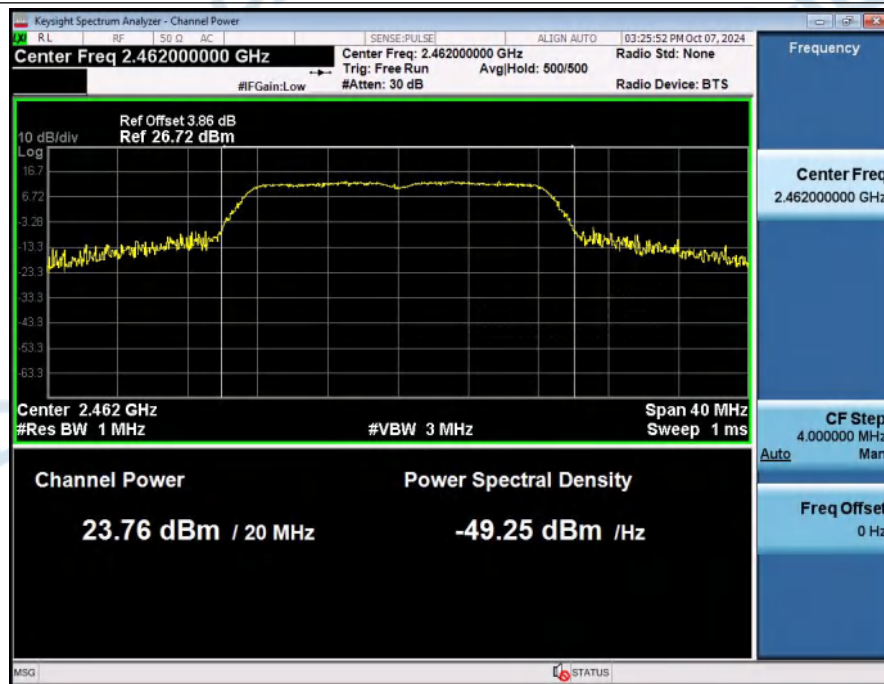
MAX__Output_Power_NVNT_ANT1_802_11n(HT20)_2412



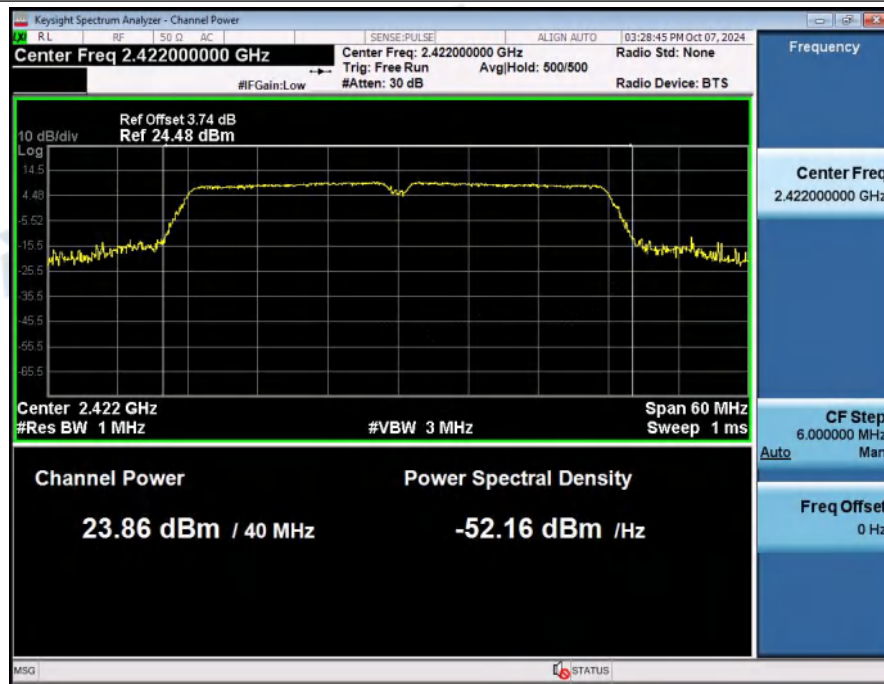
MAX__Output_Power_NVNT_ANT1_802_11n(HT20)_2437



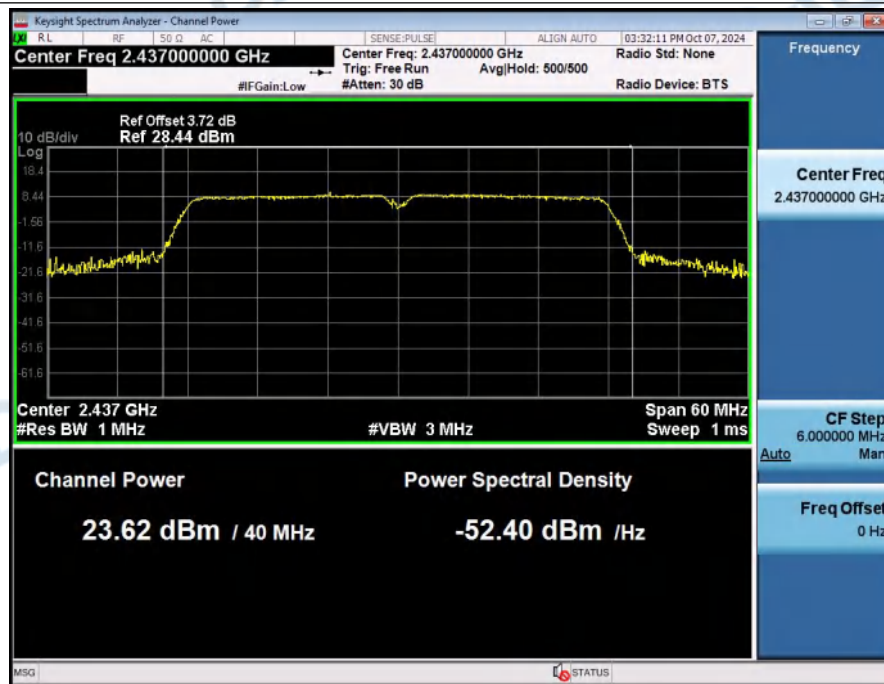
MAX__Output_Power_NVNT_ANT1_802_11n(HT20)_2462



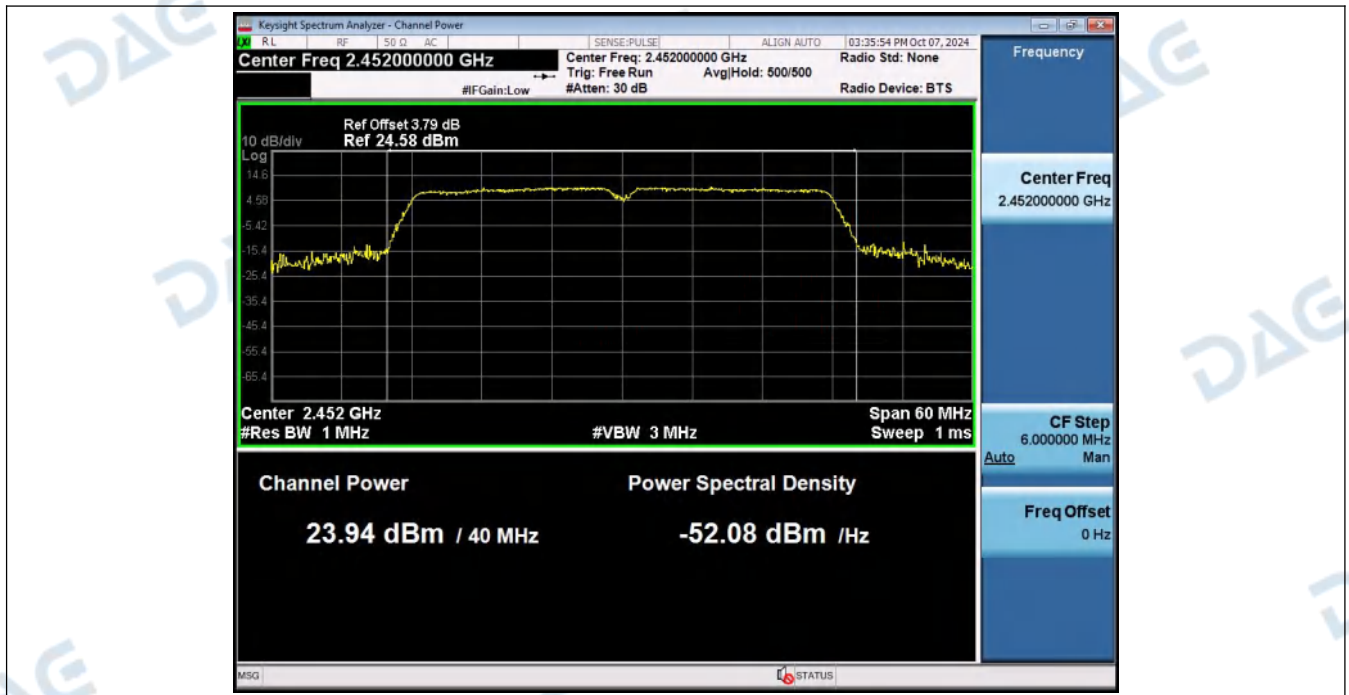
MAX__Output_Power_NVNT_ANT1_802_11n(HT40)_2422



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)	Duty factor(dB)	RB factor(dB)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	6.39	N/A	-10.00	-3.61	8	Pass
NVNT	ANT1	802.11b	2437.00	7.08	N/A	-10.00	-2.92	8	Pass
NVNT	ANT1	802.11b	2462.00	7.66	N/A	-10.00	-2.34	8	Pass
NVNT	ANT1	802.11g	2412.00	1.66	N/A	-10.00	-8.34	8	Pass
NVNT	ANT1	802.11g	2437.00	0.74	N/A	-10.00	-9.26	8	Pass
NVNT	ANT1	802.11g	2462.00	1.87	N/A	-10.00	-8.13	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-0.48	N/A	-10.00	-10.48	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-0.50	N/A	-10.00	-10.50	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-0.13	N/A	-10.00	-10.13	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-2.47	N/A	-10.00	-12.47	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-2.93	N/A	-10.00	-12.93	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-2.61	N/A	-10.00	-12.61	8	Pass

Power_Spectral_Density_NVNT_ANT1_802_11b_2412



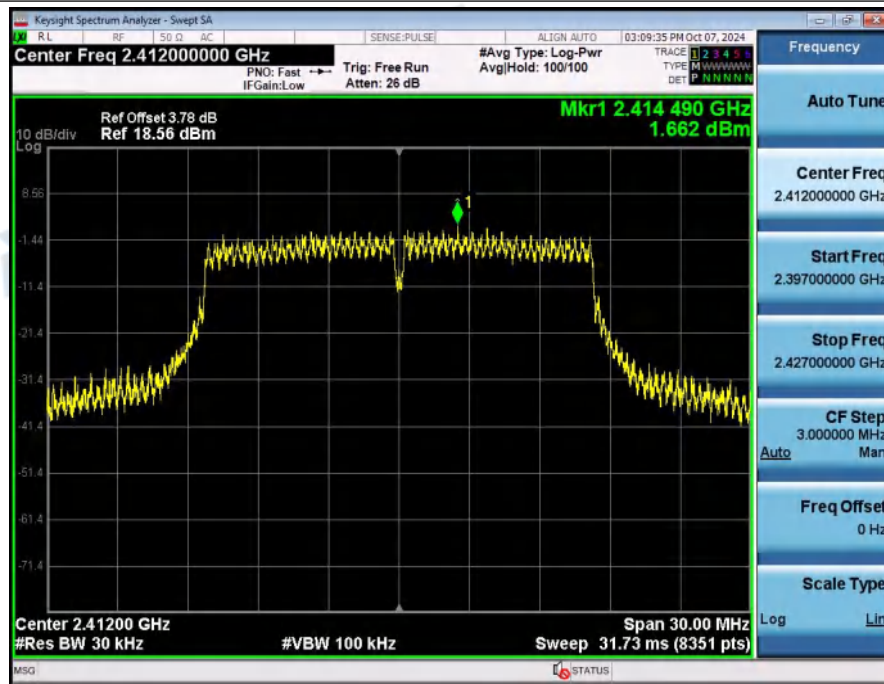
Power_Spectral_Density_NVNT_ANT1_802_11b_2437



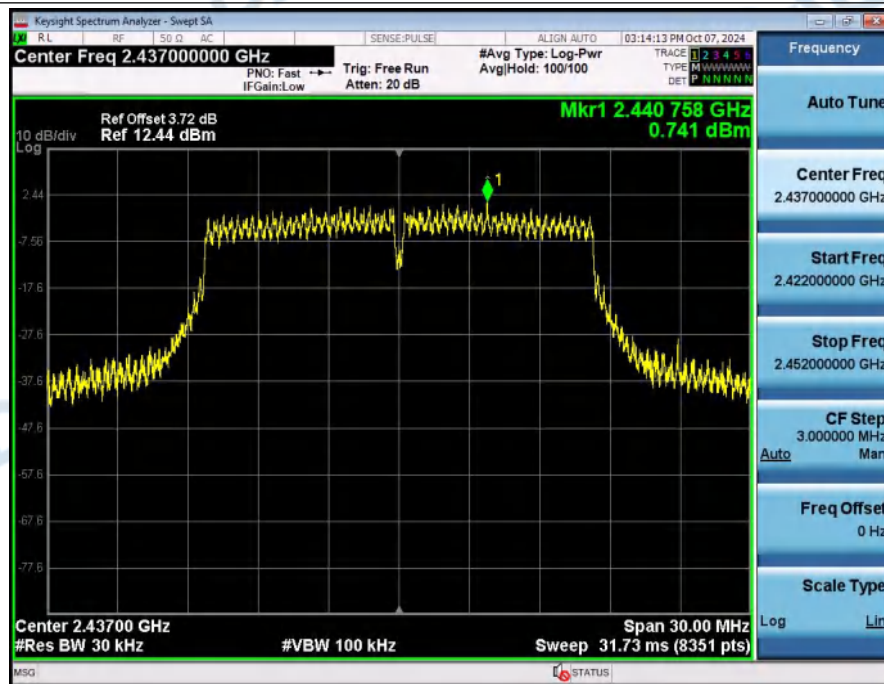
Power_Spectral_Density_NVNT_ANT1_802_11b_2462



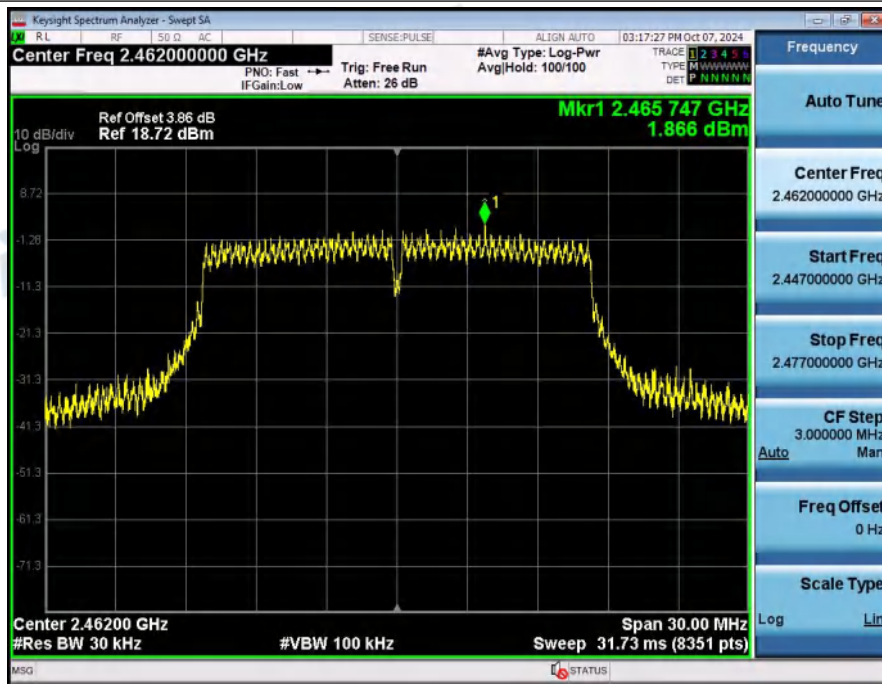
Power_Spectral_Density_NVNT_ANT1_802_11g_2412



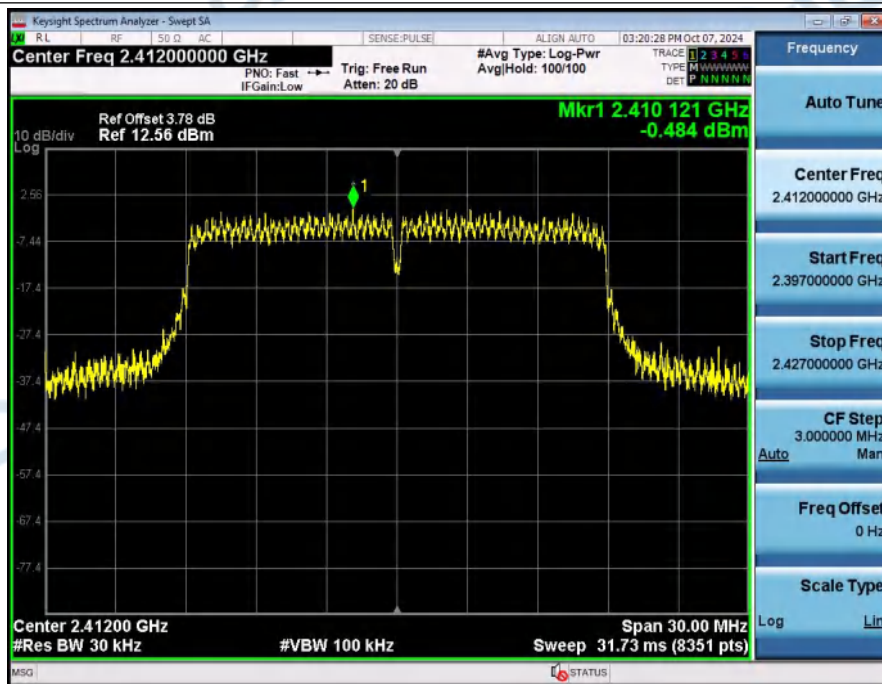
Power_Spectral_Density_NVNT_ANT1_802_11g_2437



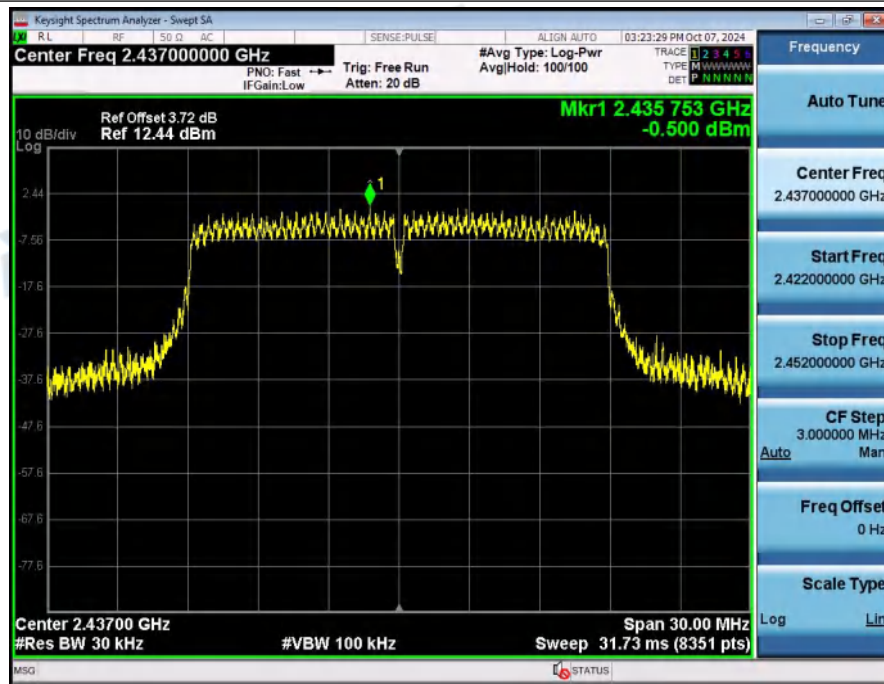
Power_Spectral_Density_NVNT_ANT1_802_11g_2462



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



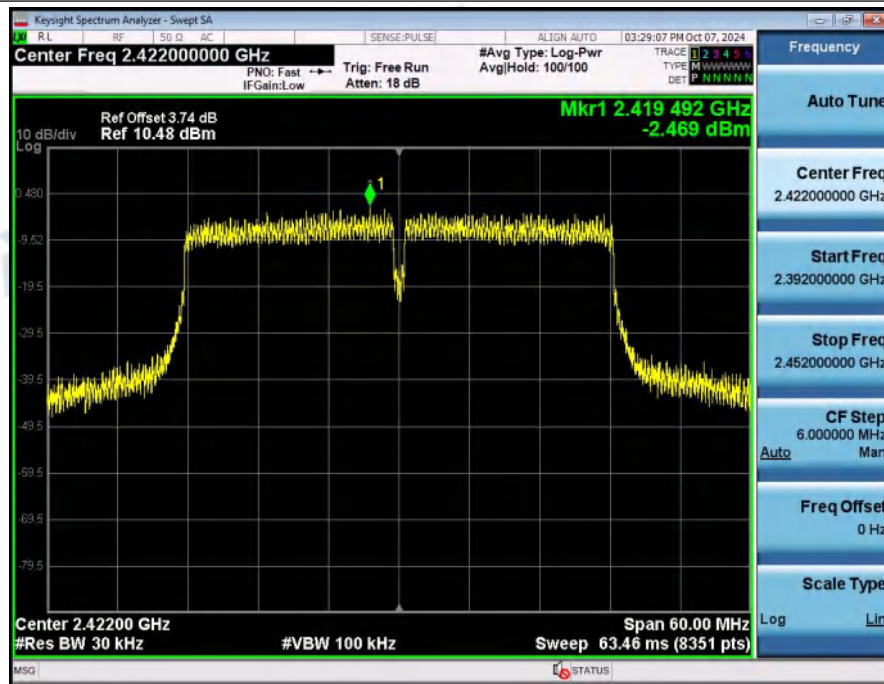
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2437



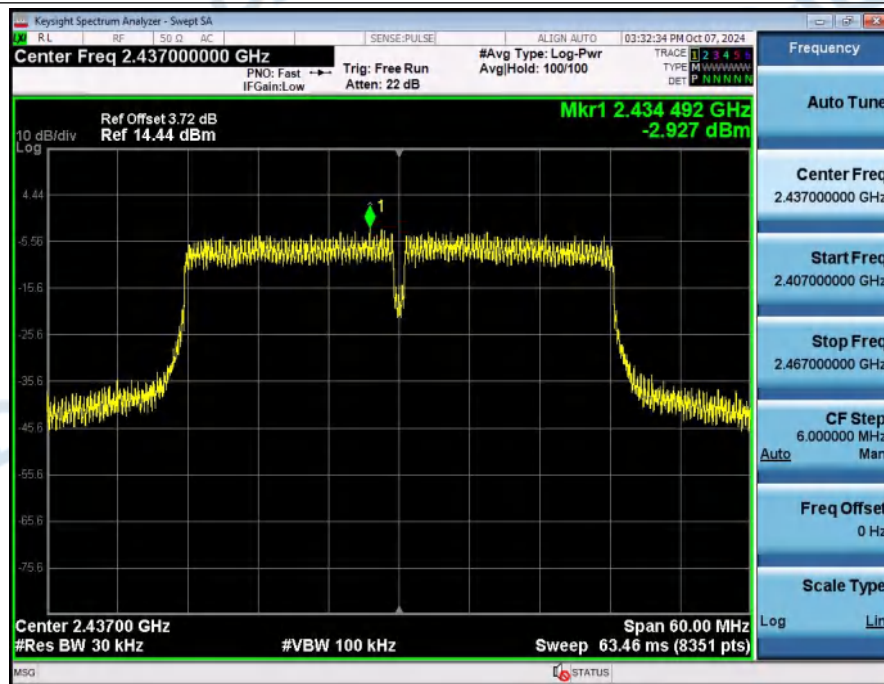
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2462



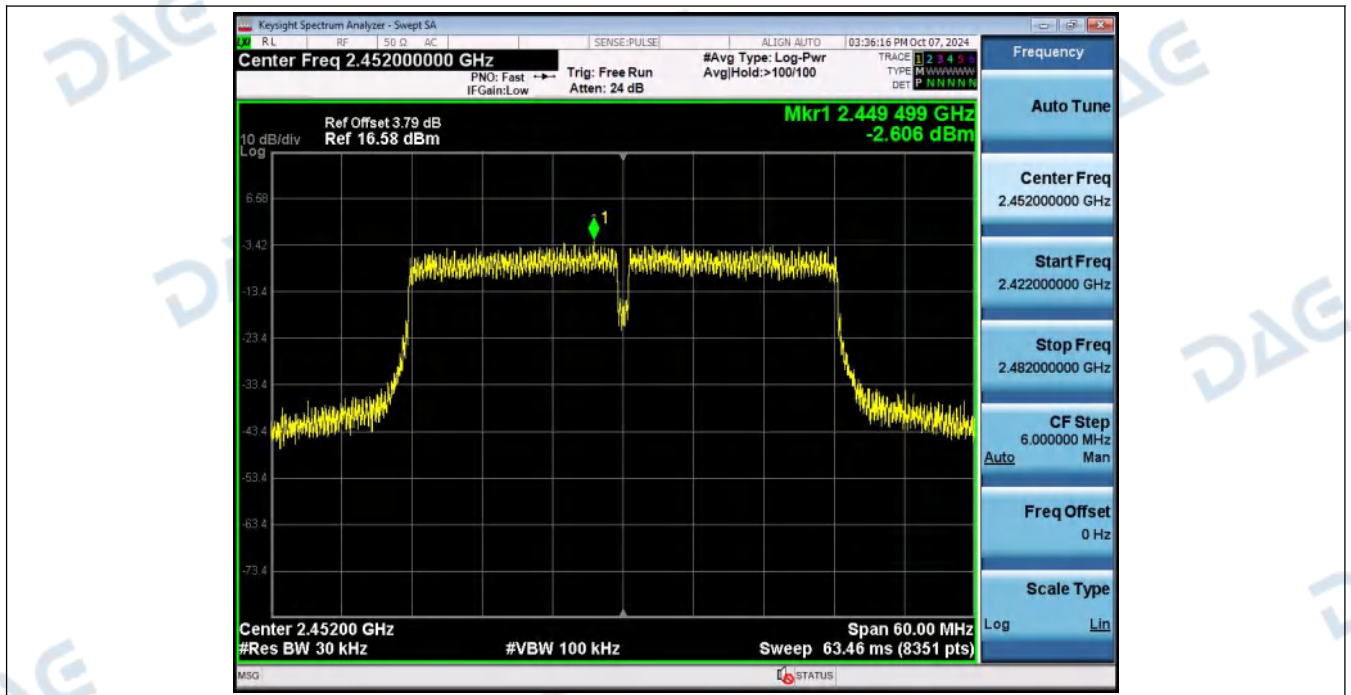
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2422



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2437



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2452



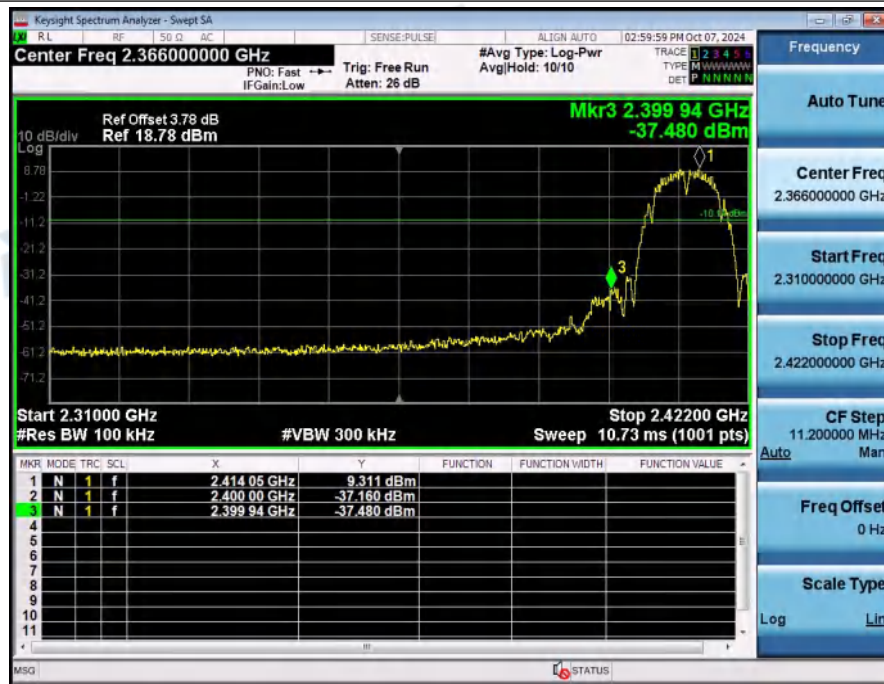
6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2399.936	-37.480	-10.143	Pass
NVNT	ANT1	802.11b	2462.00	2490.688	-48.851	-9.744	Pass
NVNT	ANT1	802.11g	2412.00	2399.152	-25.041	-14.149	Pass
NVNT	ANT1	802.11g	2462.00	2483.776	-36.736	-14.801	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.824	-23.804	-15.772	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2483.920	-33.917	-15.274	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2398.836	-30.341	-18.287	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2485.856	-34.266	-18.264	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412



2_Bandedge_NVNT_ANT1_802_11b_2412



1_Reference_Level_NVNT_ANT1_802_11b_2462



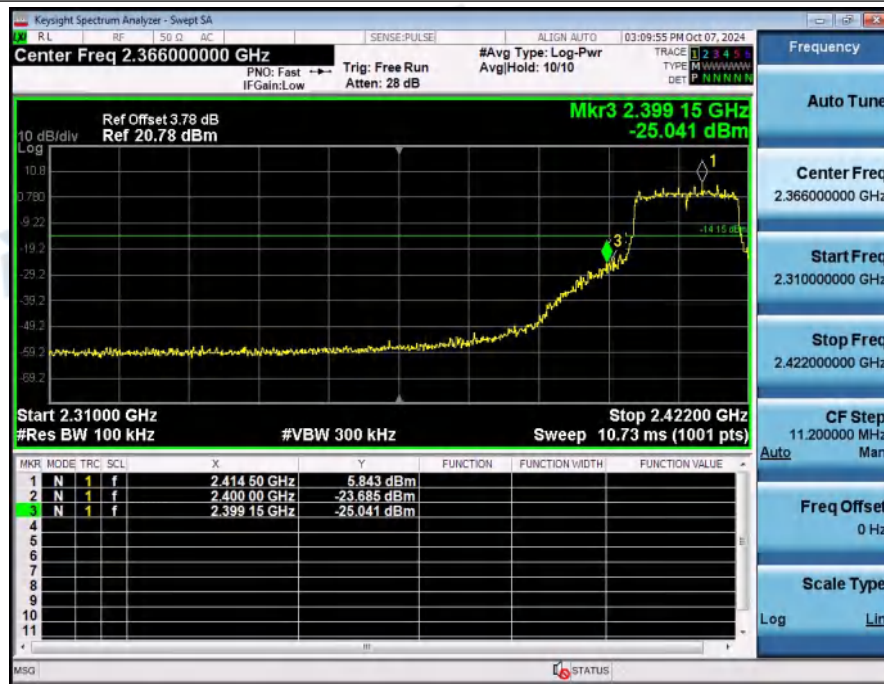
2_Bandedge_NVNT_ANT1_802_11b_2462



1_Reference_Level_NVNT_ANT1_802_11g_2412



2_Bandedge_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2462



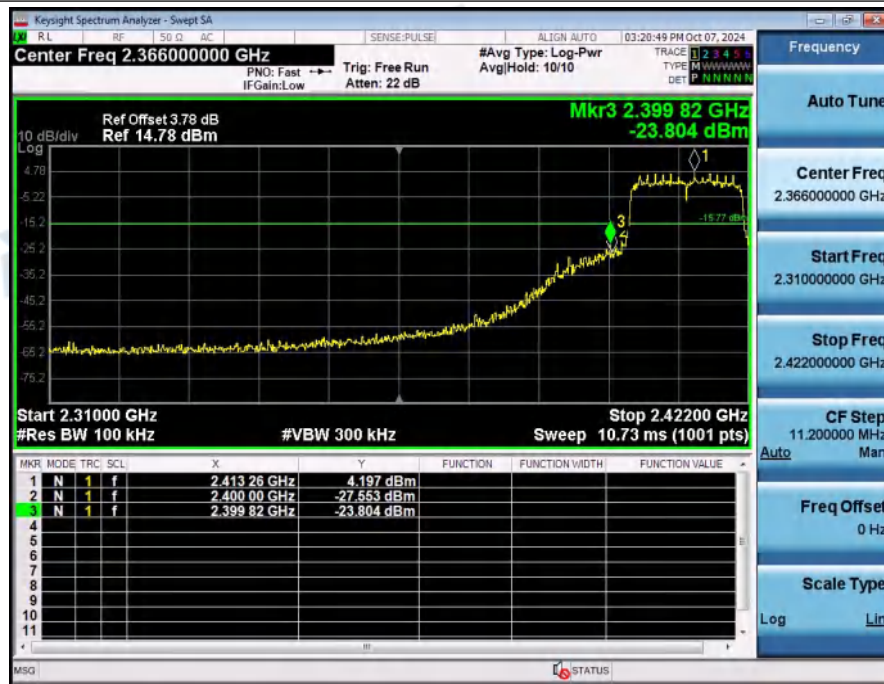
2_Bandedge_NVNT_ANT1_802_11g_2462



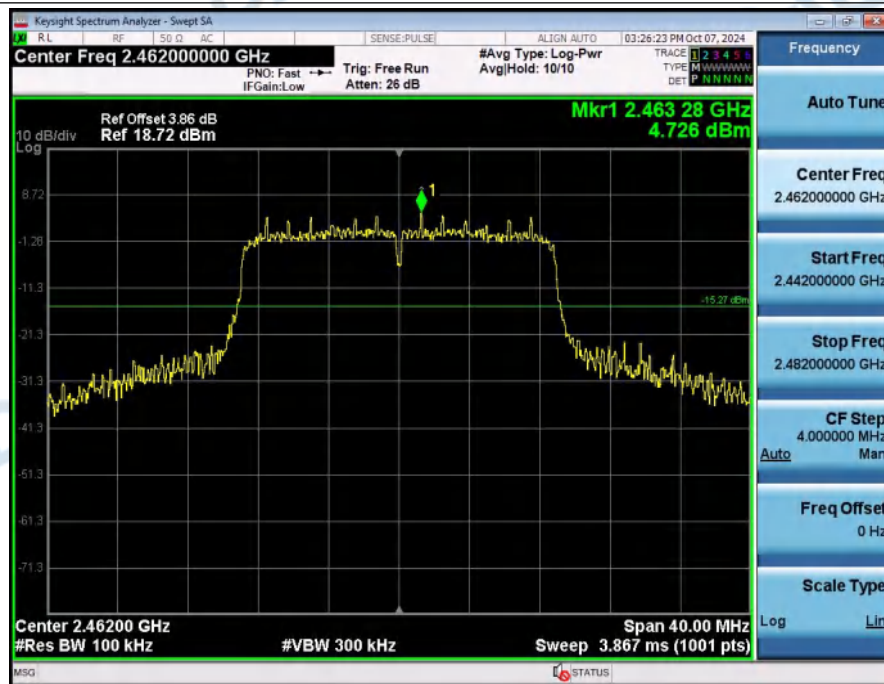
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



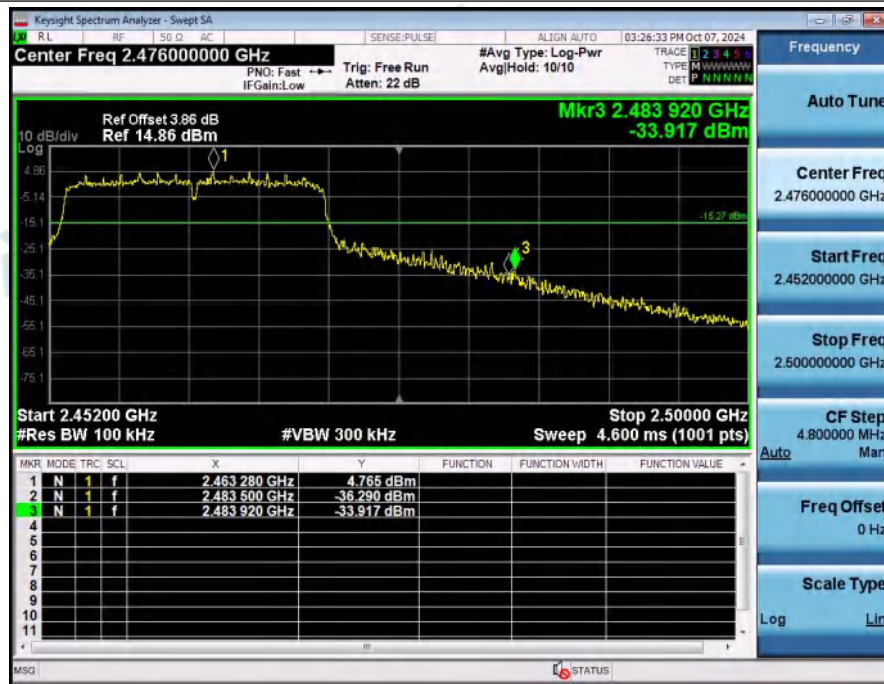
2_Bandedge_NVNT_ANT1_802_11n(HT20)_2412



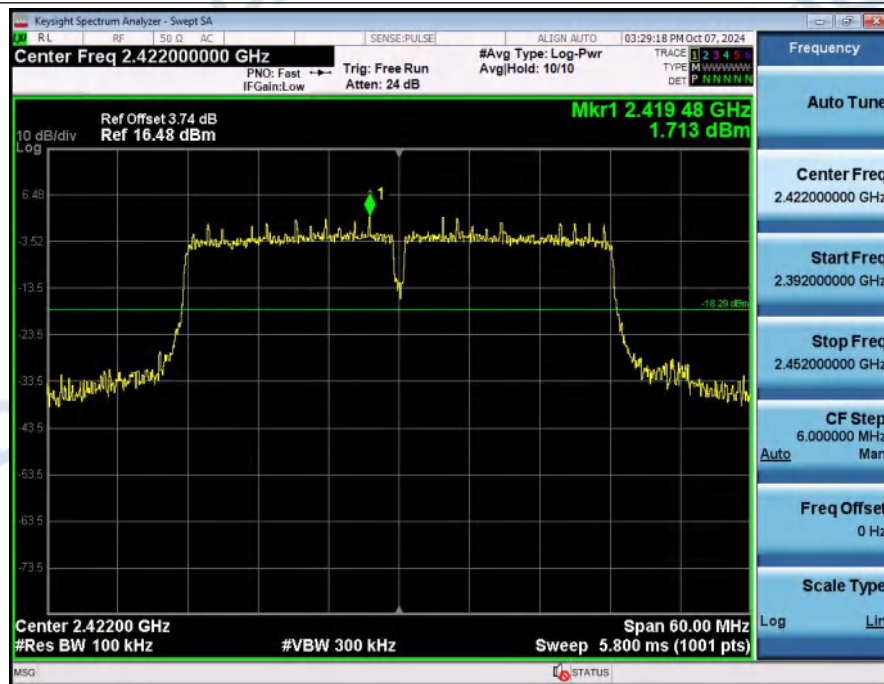
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



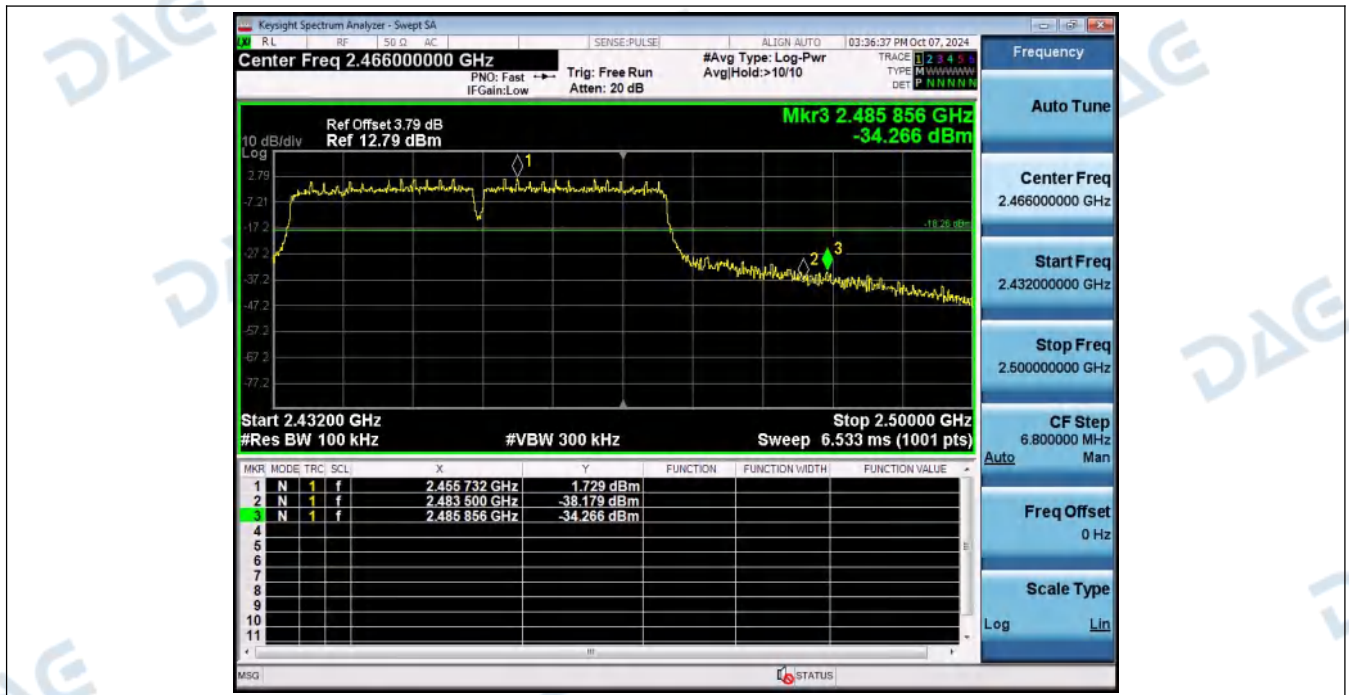
2_Bandedge_NVNT_ANT1_802_11n(HT40)_2422



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



2_Bandedge_NVNT_ANT1_802_11n(HT40)_2452



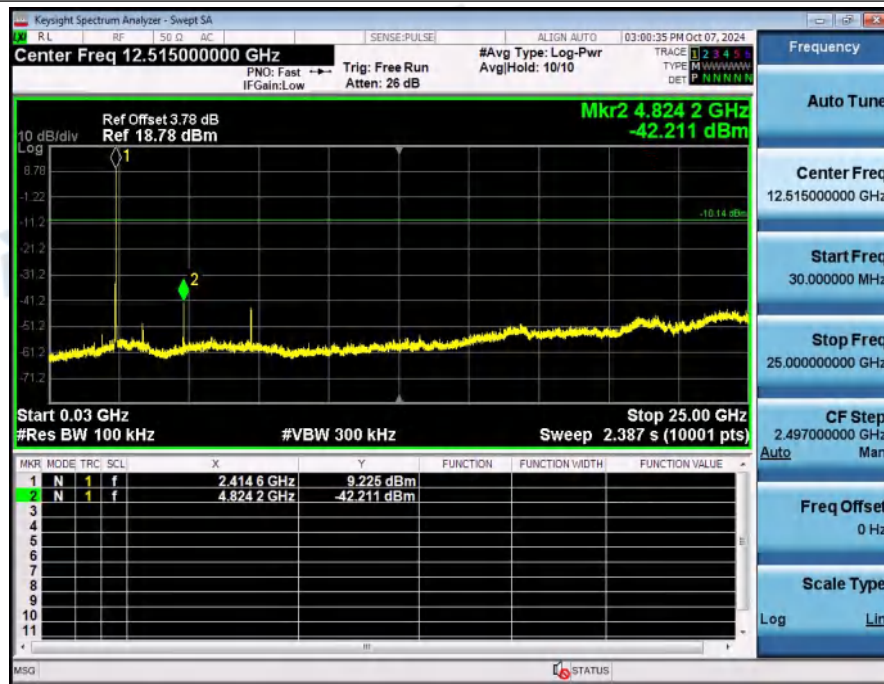
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	4824.240	-42.211	-10.143	Pass
NVNT	ANT1	802.11b	2437.00	24078.607	-38.835	-10.401	Pass
NVNT	ANT1	802.11b	2462.00	23971.236	-39.005	-9.744	Pass
NVNT	ANT1	802.11g	2412.00	24470.636	-42.671	-14.149	Pass
NVNT	ANT1	802.11g	2437.00	24250.900	-42.714	-14.904	Pass
NVNT	ANT1	802.11g	2462.00	24460.648	-41.989	-14.801	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24418.199	-48.822	-15.772	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24088.595	-48.418	-16.135	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24101.080	-49.025	-15.274	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	24185.978	-50.715	-18.287	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	24203.457	-46.604	-18.664	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2502.030	-48.032	-18.264	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412



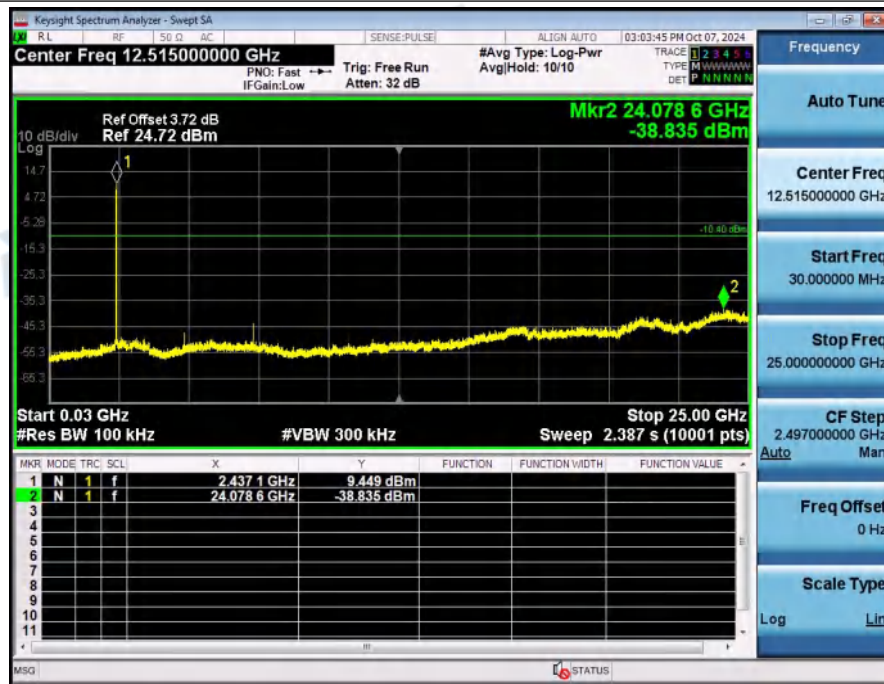
2_Spurious_Emission_NVNT_ANT1_802_11b_2412



1_Reference_Level_NVNT_ANT1_802_11b_2437



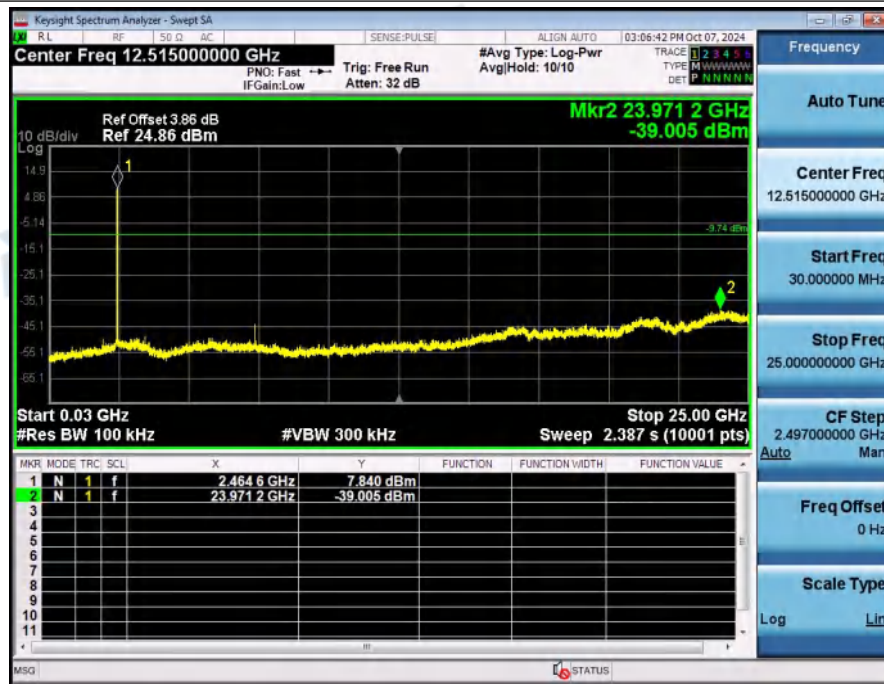
2_Spurious_Emission_NVNT_ANT1_802_11b_2437



1_Reference_Level_NVNT_ANT1_802_11b_2462



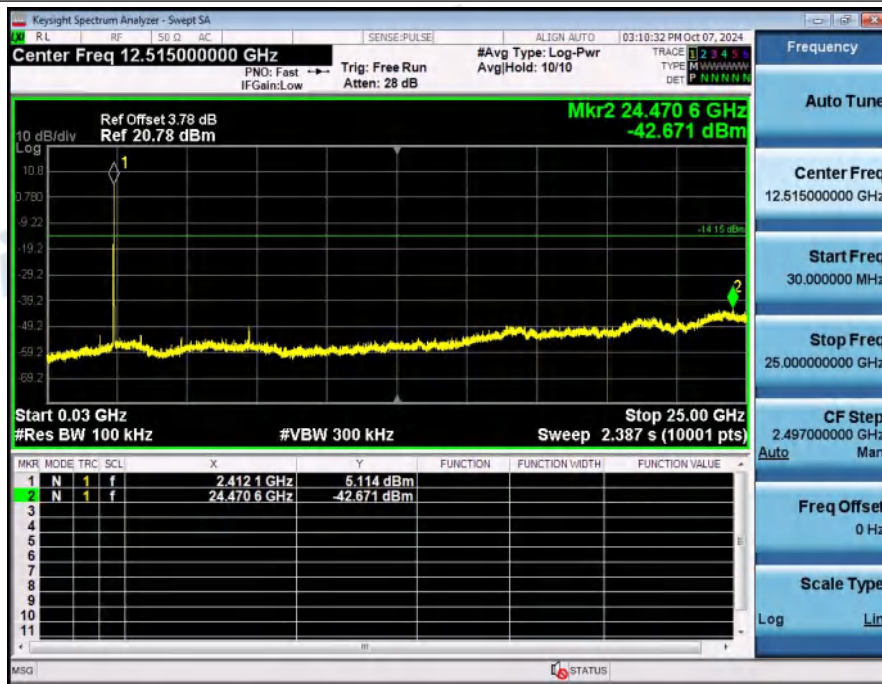
2_Spurious_Emission_NVNT_ANT1_802_11b_2462



1_Reference_Level_NVNT_ANT1_802_11g_2412



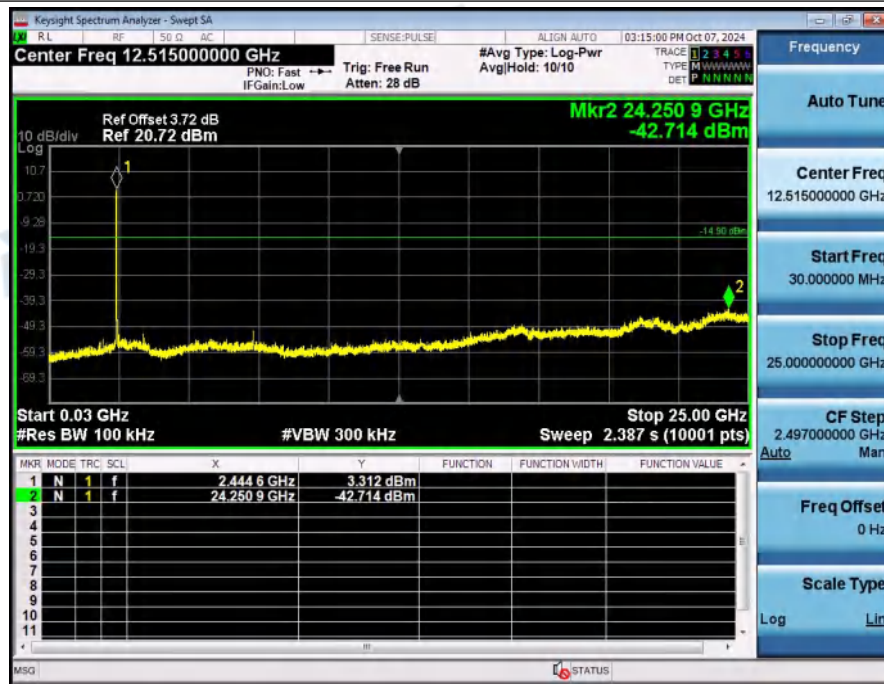
2_Spurious_Emission_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2437



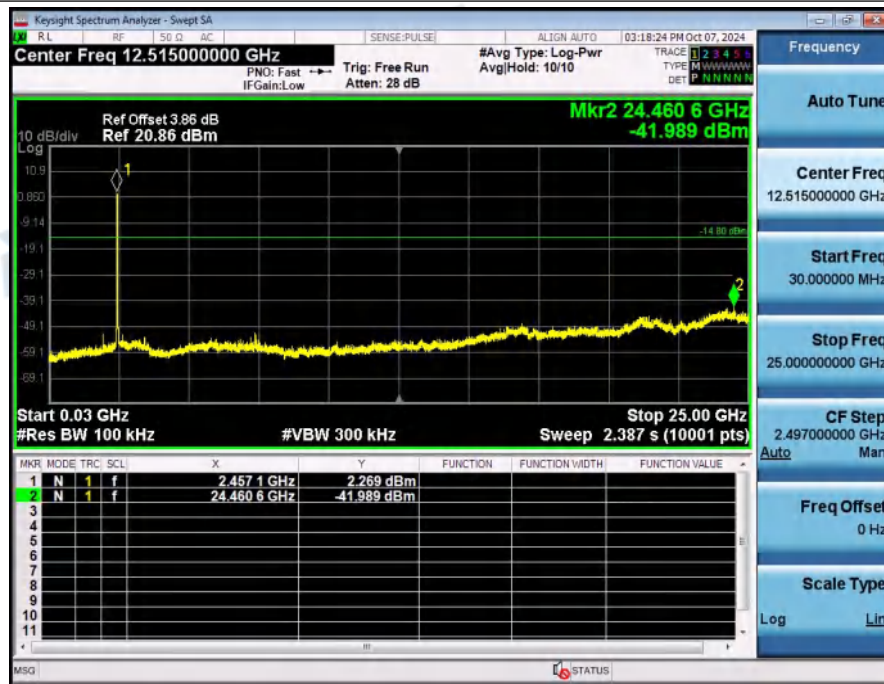
2_Spurious_Emission_NVNT_ANT1_802_11g_2437



1_Reference_Level_NVNT_ANT1_802_11g_2462



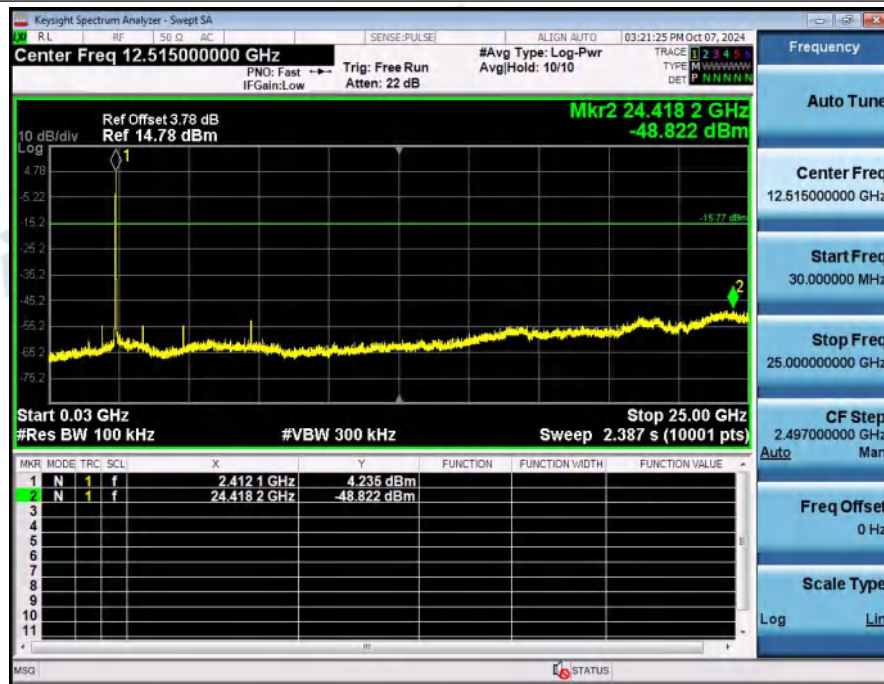
2_Spurious_Emission_NVNT_ANT1_802_11g_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



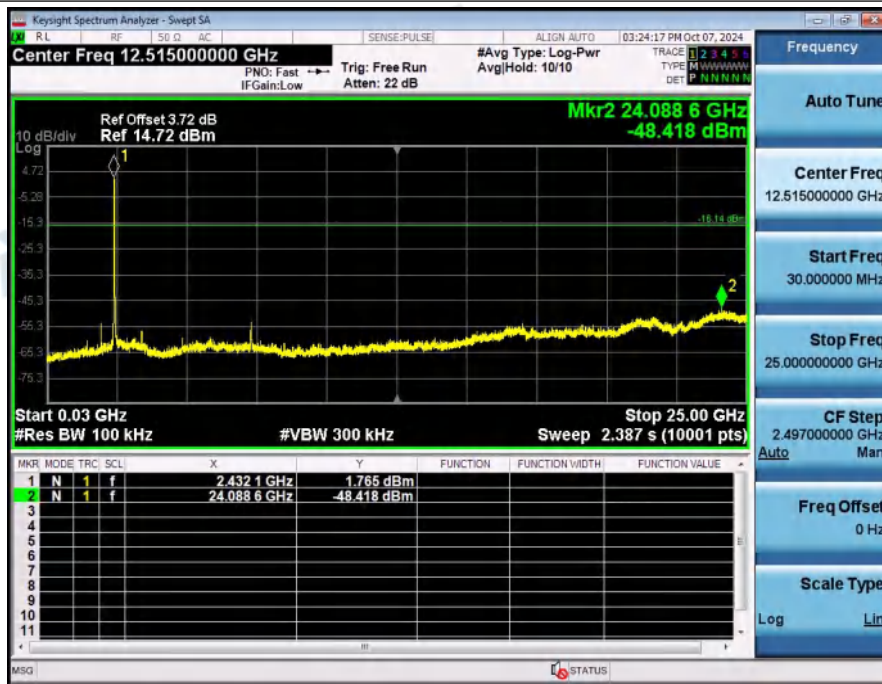
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2412



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2437



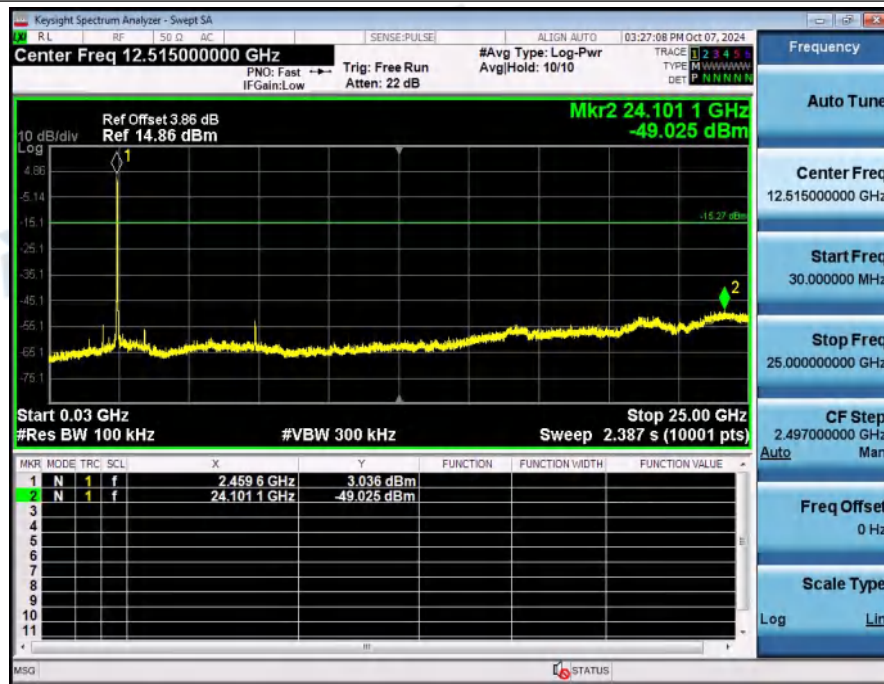
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2437



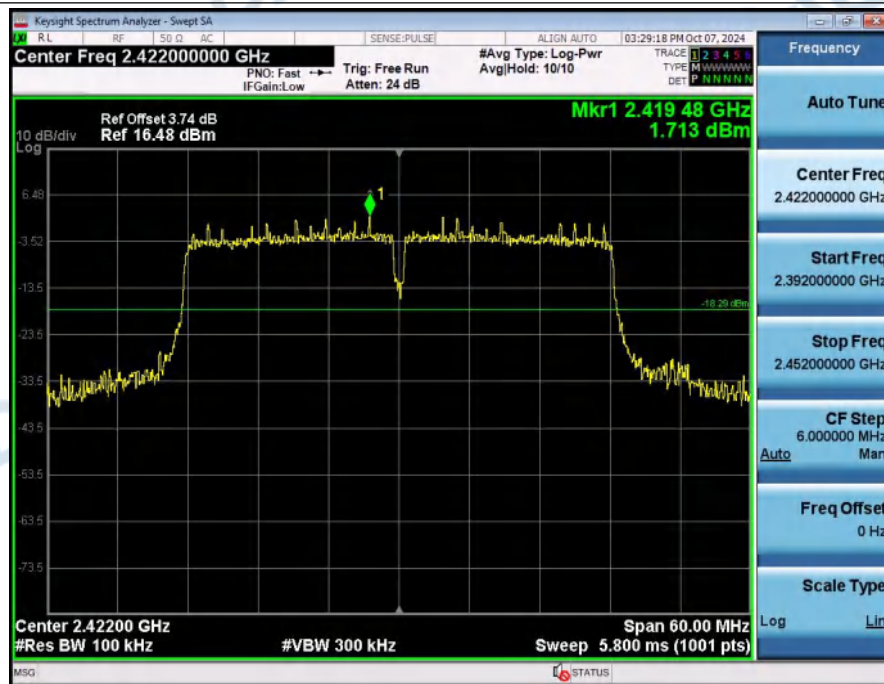
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



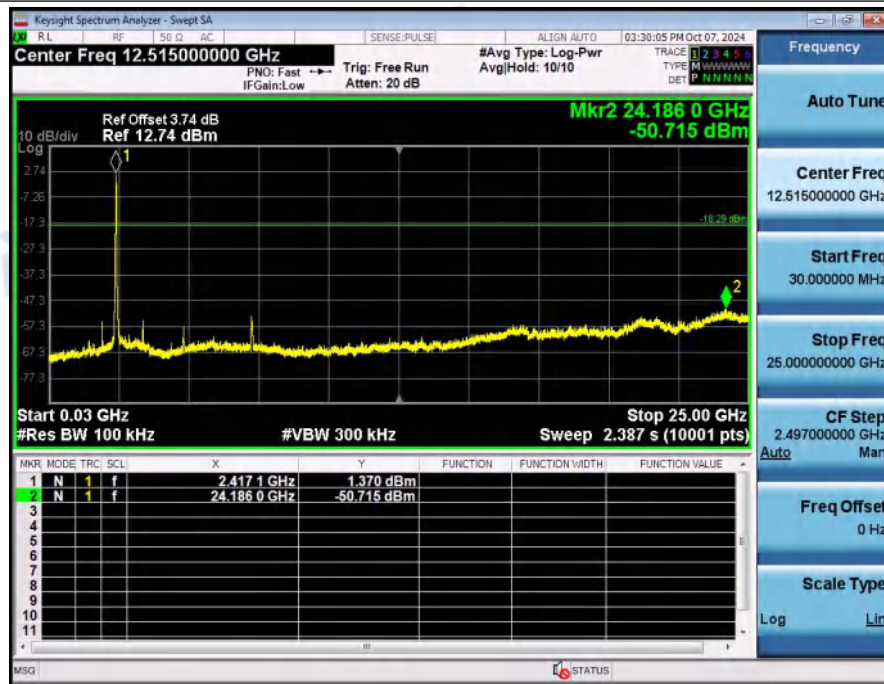
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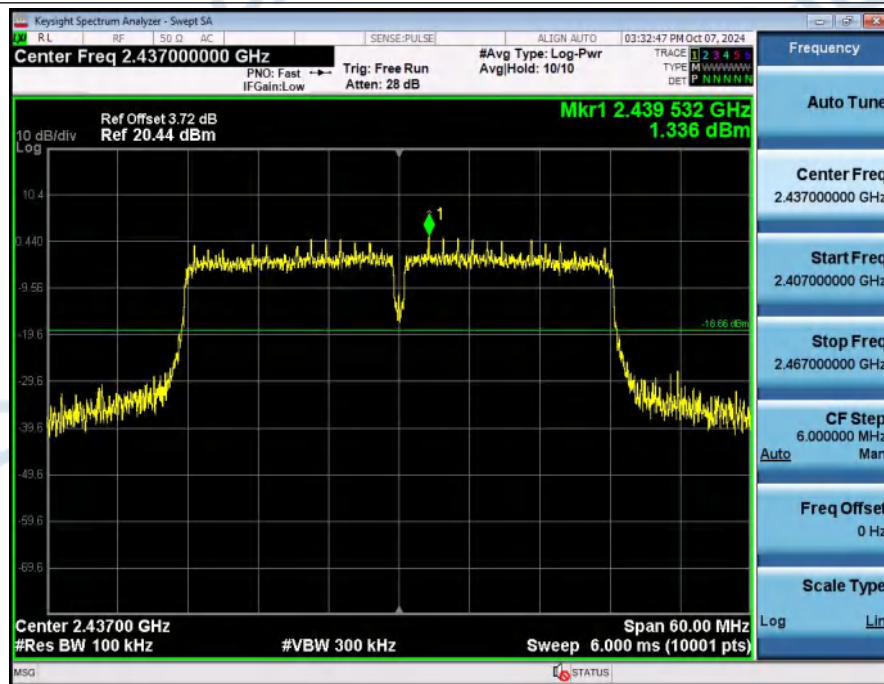
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



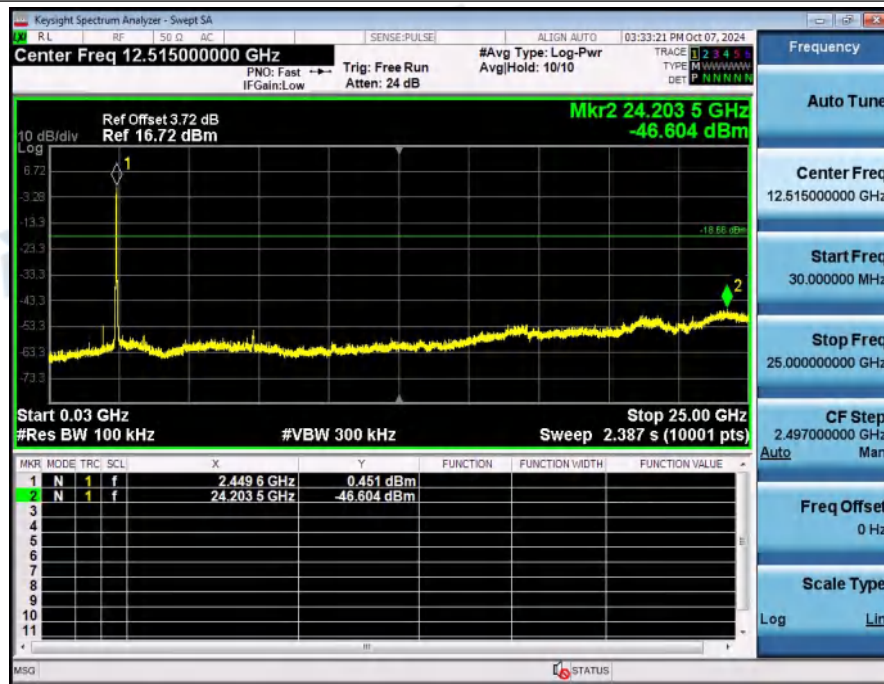
2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2422



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2437



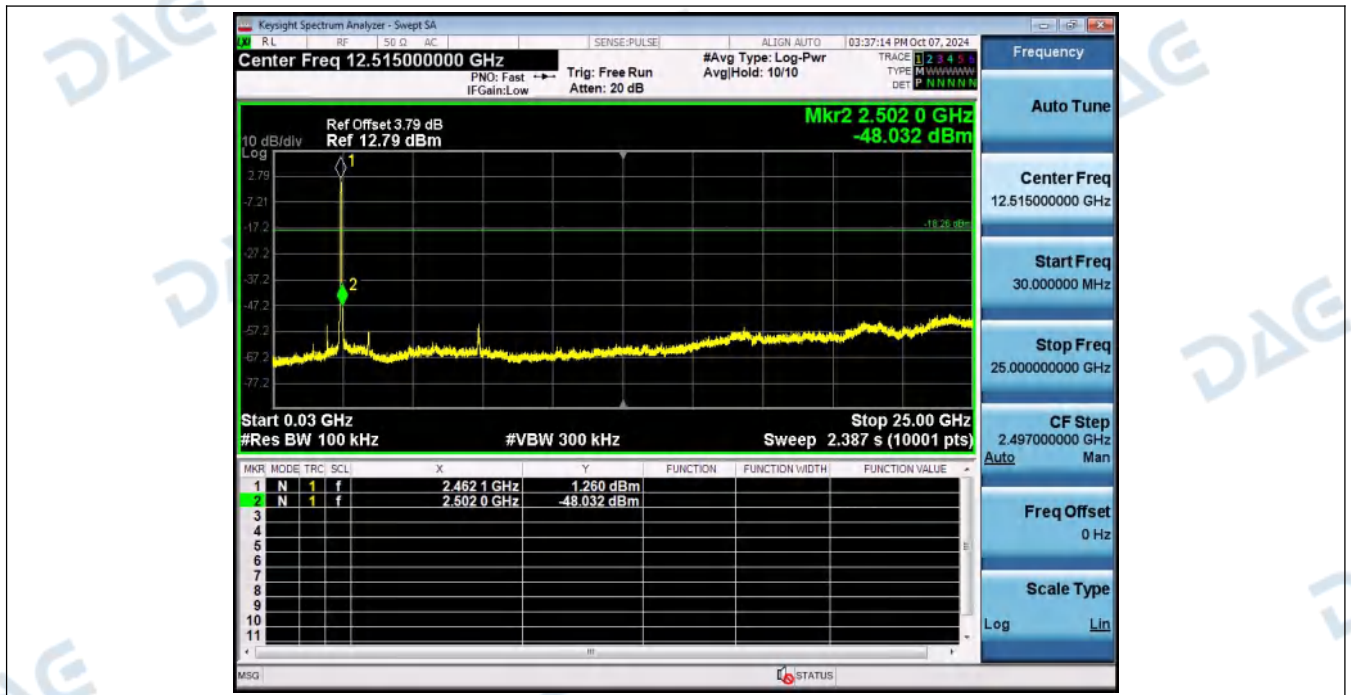
2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2437



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2452



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