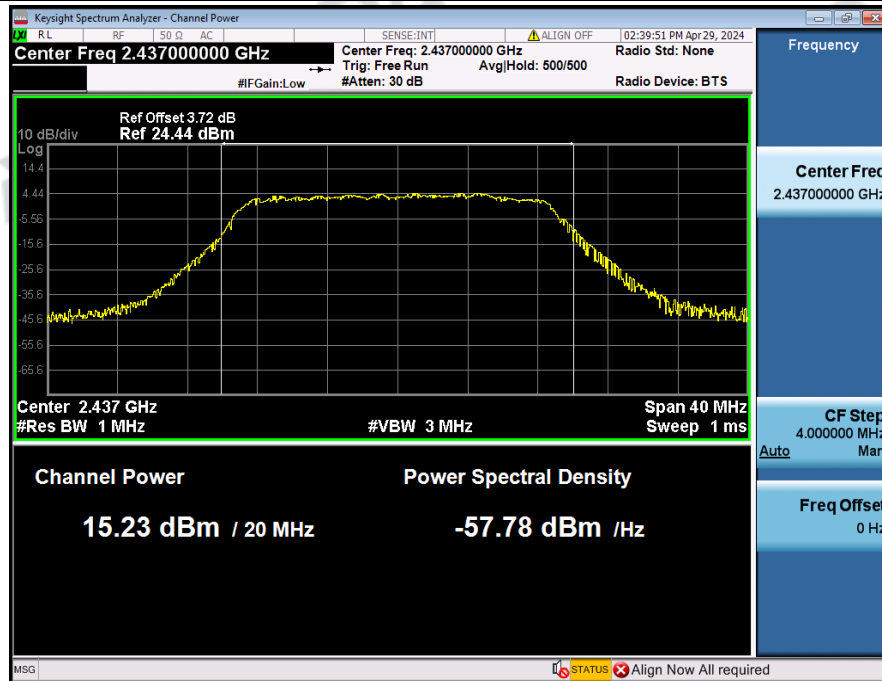
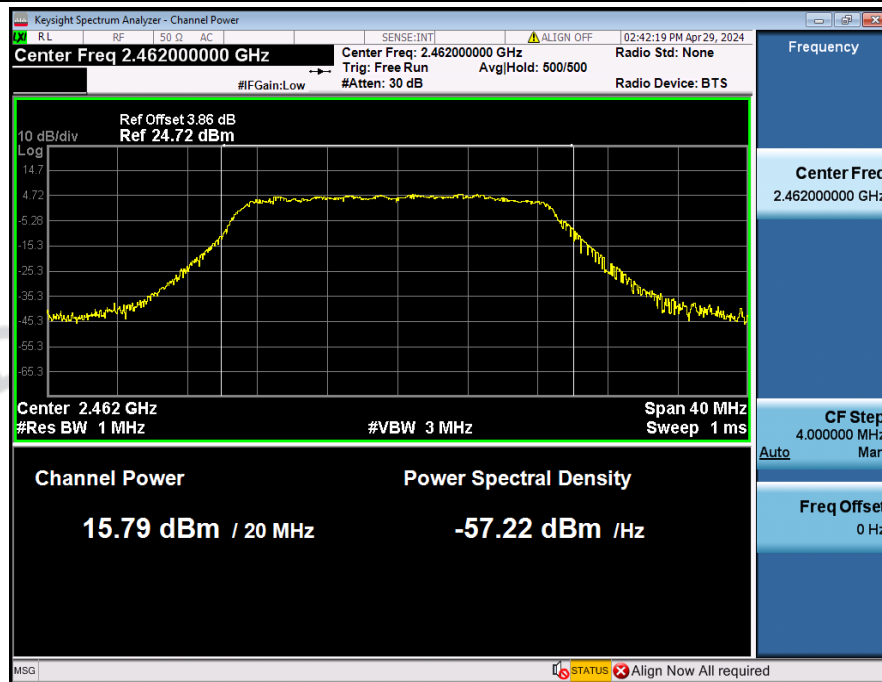


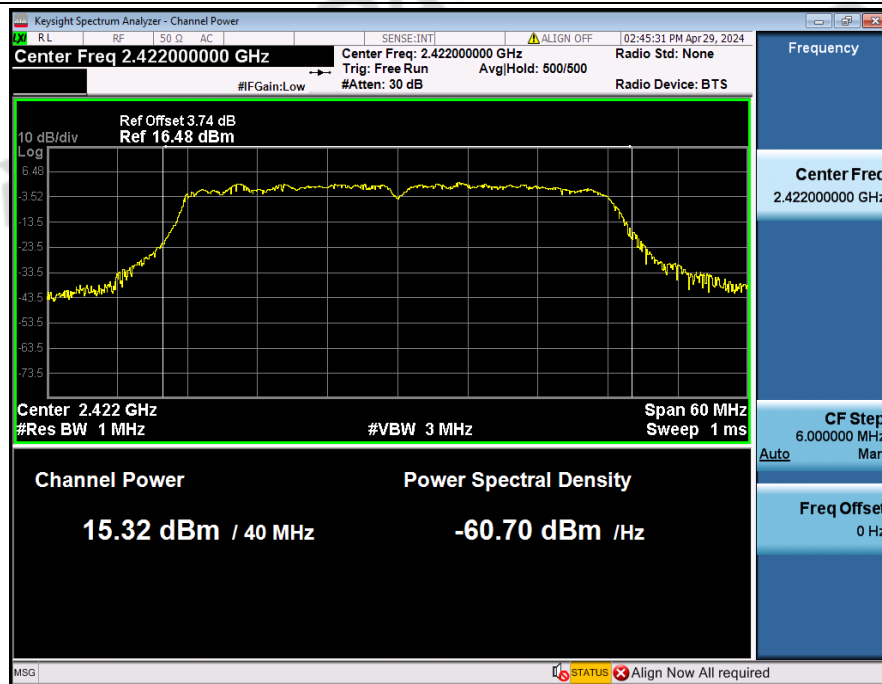
MAX_Output_Power_NVNT_ANT2_802_11n(HT20)_2437



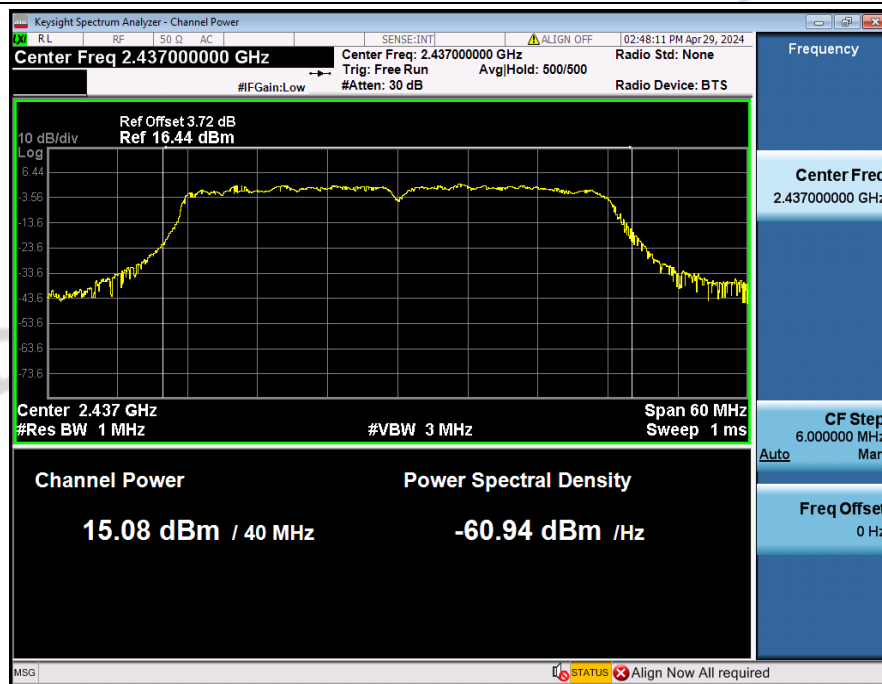
MAX_Output_Power_NVNT_ANT2_802_11n(HT20)_2462



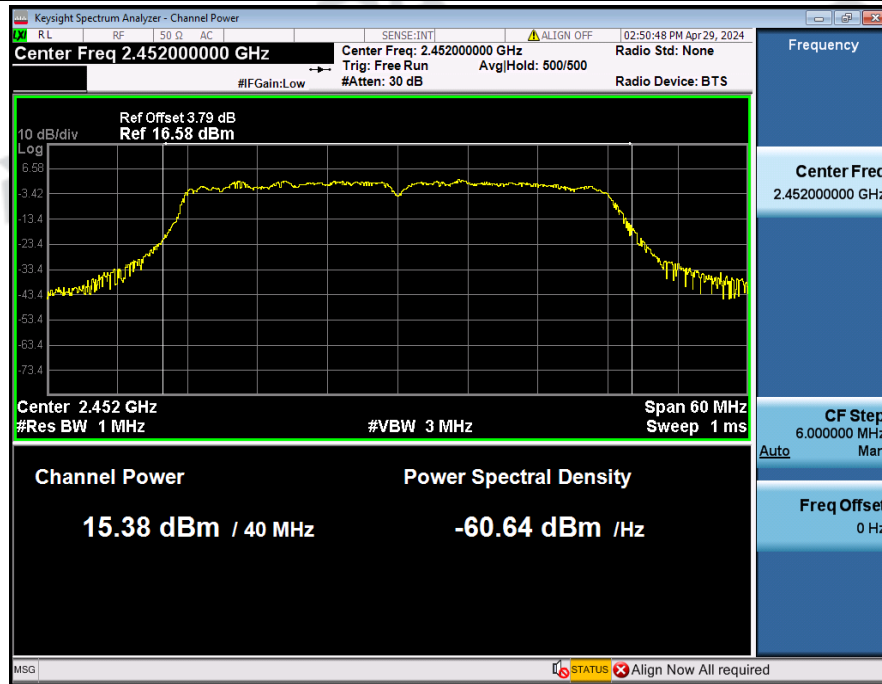
MAX_Output_Power_NVNT_ANT2_802_11n(HT40)_2422



MAX_Output_Power_NVNT_ANT2_802_11n(HT40)_2437



MAX_Output_Power_NVNT_ANT2_802_11n(HT40)_2452



Condition	Antenna	Modulation	Frequency (MHz)	MIMO-Conducted Power(dBm)	limit(dBm)	Result
NVNT	MIMO	802.11n(HT20)	2412.00	18.52	30	Pass
NVNT	MIMO	802.11n(HT20)	2437.00	18.37	30	Pass
NVNT	MIMO	802.11n(HT20)	2462.00	18.86	30	Pass
NVNT	MIMO	802.11n(HT40)	2422.00	18.26	30	Pass
NVNT	MIMO	802.11n(HT40)	2437.00	18.05	30	Pass
NVNT	MIMO	802.11n(HT40)	2452.00	18.34	30	Pass

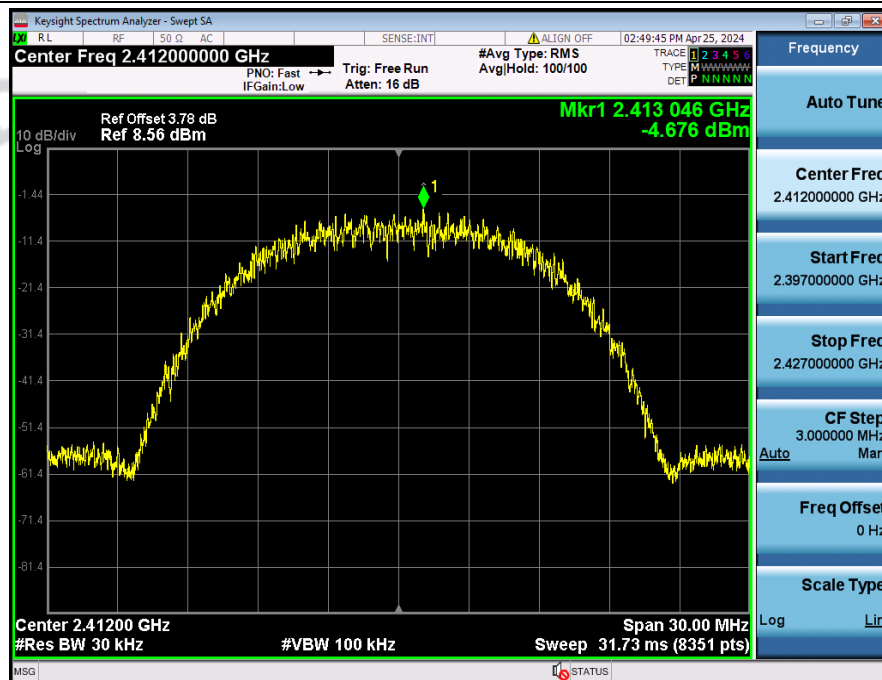
Note: According to KDB662911 D01, the number of antennas for this device is less than 4, and the MIMO antenna gain is $5.51 < 6\text{dBi}$, so the MIMO Limit is still 30dBm

4. Power Spectral Density

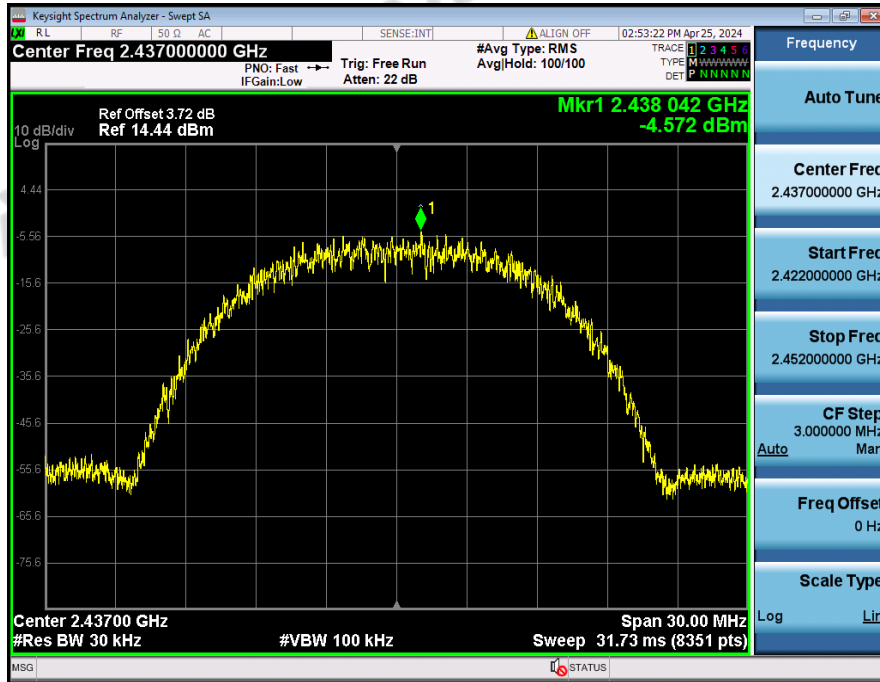
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/30kHz)	RB factor(dB)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	-4.68	-10.00	-14.68	8	Pass
NVNT	ANT1	802.11b	2437.00	-4.57	-10.00	-14.57	8	Pass
NVNT	ANT1	802.11b	2462.00	-4.92	-10.00	-14.92	8	Pass
NVNT	ANT1	802.11g	2412.00	-8.72	-10.00	-18.72	8	Pass
NVNT	ANT1	802.11g	2437.00	-8.57	-10.00	-18.57	8	Pass
NVNT	ANT1	802.11g	2462.00	-8.41	-10.00	-18.41	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-1.69	-10.00	-11.69	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-8.49	-10.00	-18.49	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-7.82	-10.00	-17.82	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-11.71	-10.00	-21.71	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-12.12	-10.00	-22.12	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-11.27	-10.00	-21.27	8	Pass
NVNT	ANT2	802.11b	2412.00	-4.75	-10.00	-14.75	8	Pass
NVNT	ANT2	802.11b	2437.00	-3.95	-10.00	-13.95	8	Pass
NVNT	ANT2	802.11b	2462.00	-2.87	-10.00	-12.87	8	Pass
NVNT	ANT2	802.11g	2412.00	-7.88	-10.00	-17.88	8	Pass
NVNT	ANT2	802.11g	2437.00	-7.14	-10.00	-17.14	8	Pass
NVNT	ANT2	802.11g	2462.00	-5.64	-10.00	-15.64	8	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	-8.79	-10.00	-18.79	8	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	-7.17	-10.00	-17.17	8	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	-6.65	-10.00	-16.65	8	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	-9.28	-10.00	-19.28	8	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	-9.58	-10.00	-19.58	8	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	-9.04	-10.00	-19.04	8	Pass

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

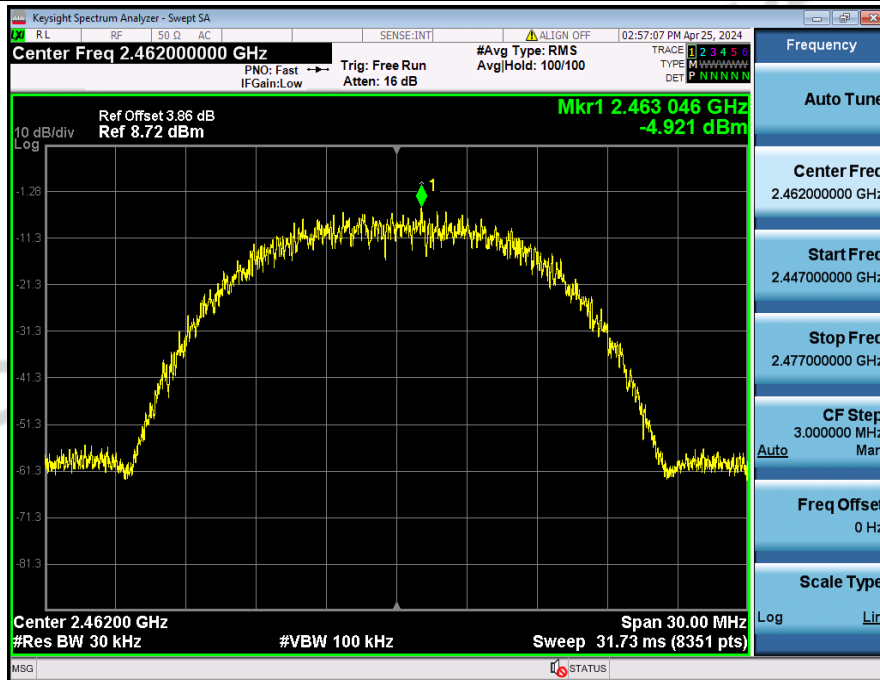
Power_Spectral_Density_NVNT_ANT1_802_11b_2412



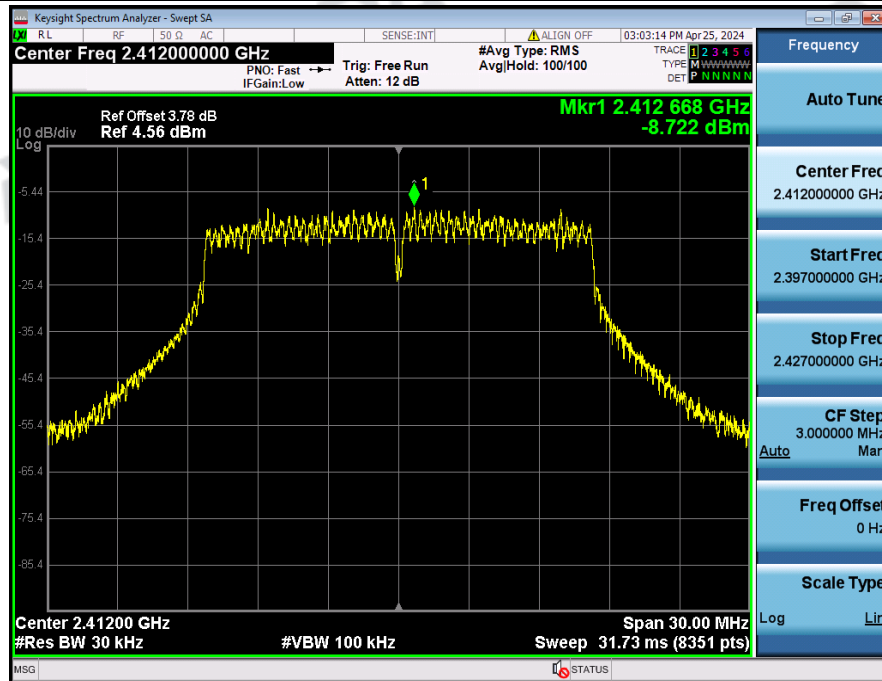
Power_Spectral_Density_NVNT_ANT1_802_11b_2437



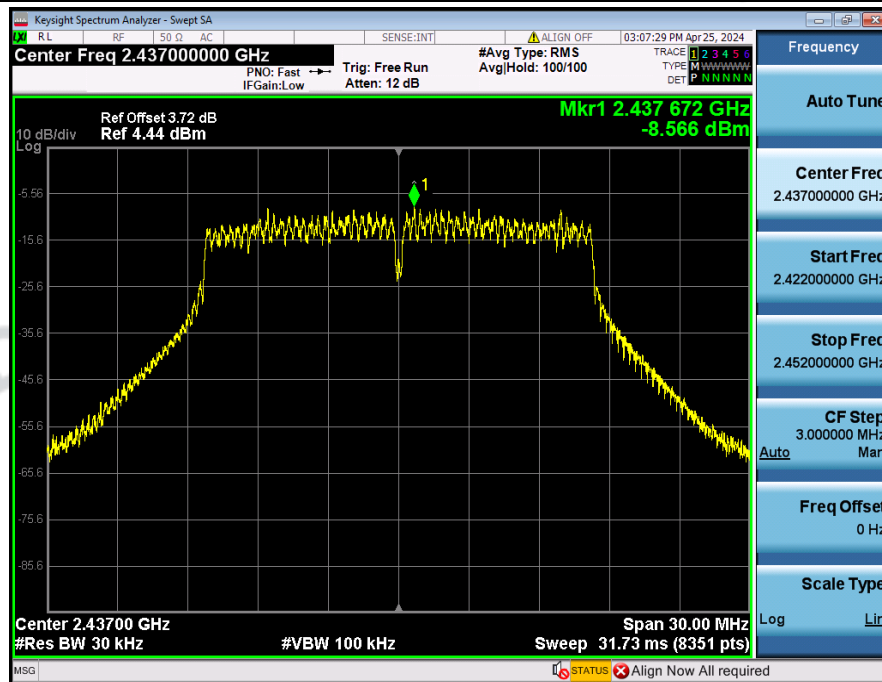
Power_Spectral_Density_NVNT_ANT1_802_11b_2462



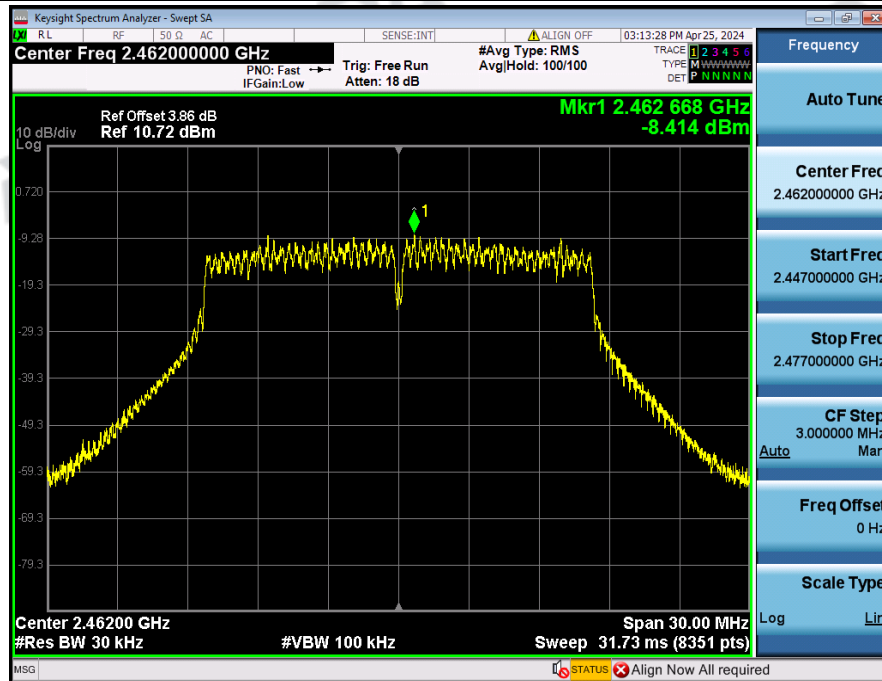
Power_Spectral_Density_NVNT_ANT1_802_11g_2412



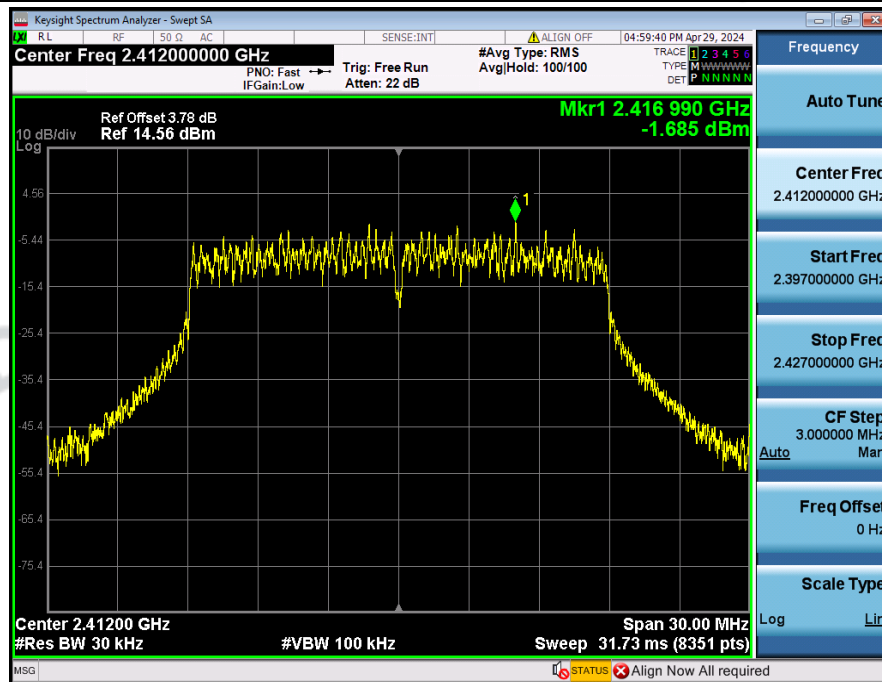
Power_Spectral_Density_NVNT_ANT1_802_11g_2437



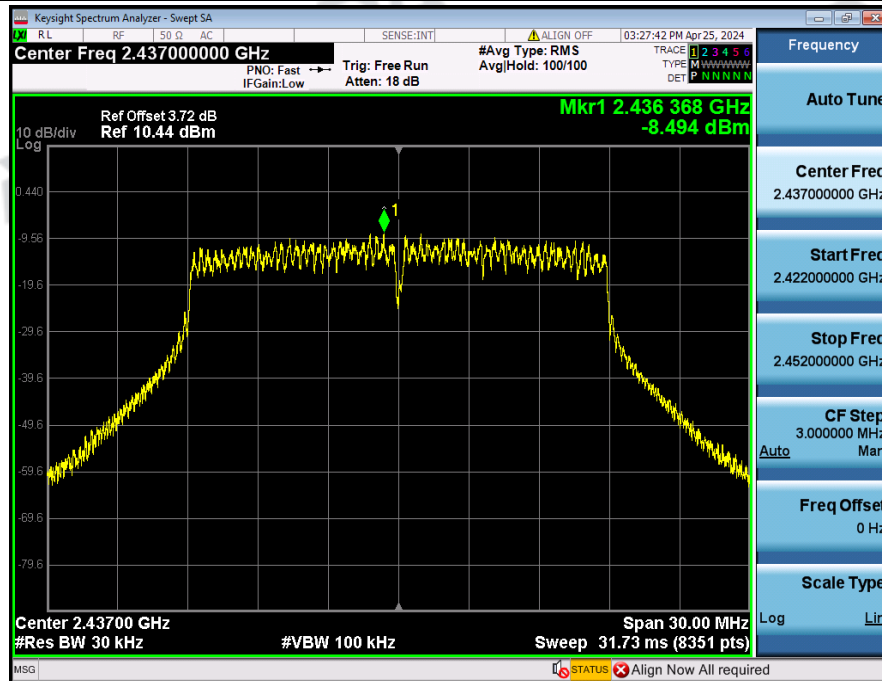
Power_Spectral_Density_NVNT_ANT1_802_11g_2462



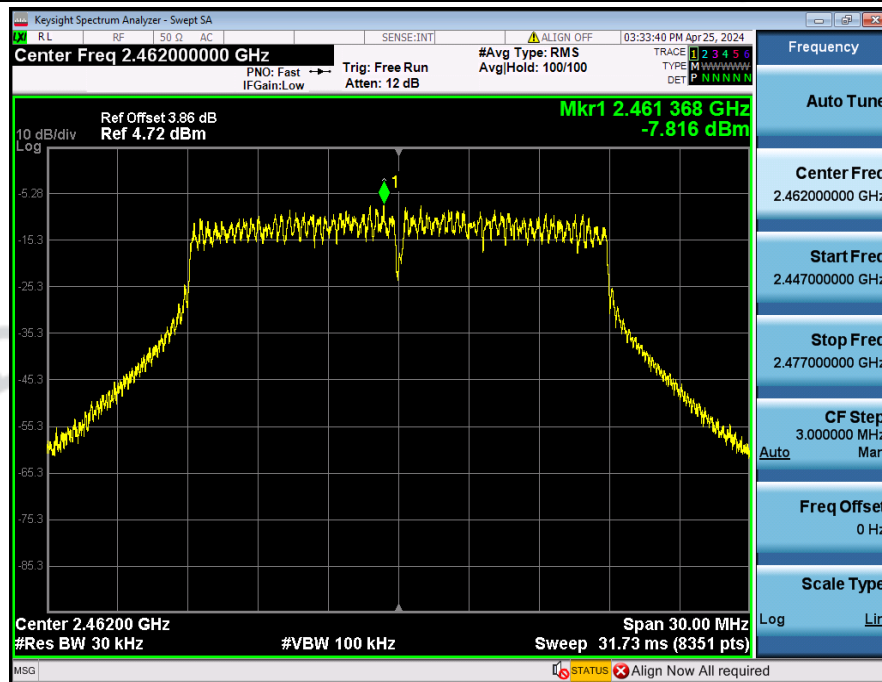
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



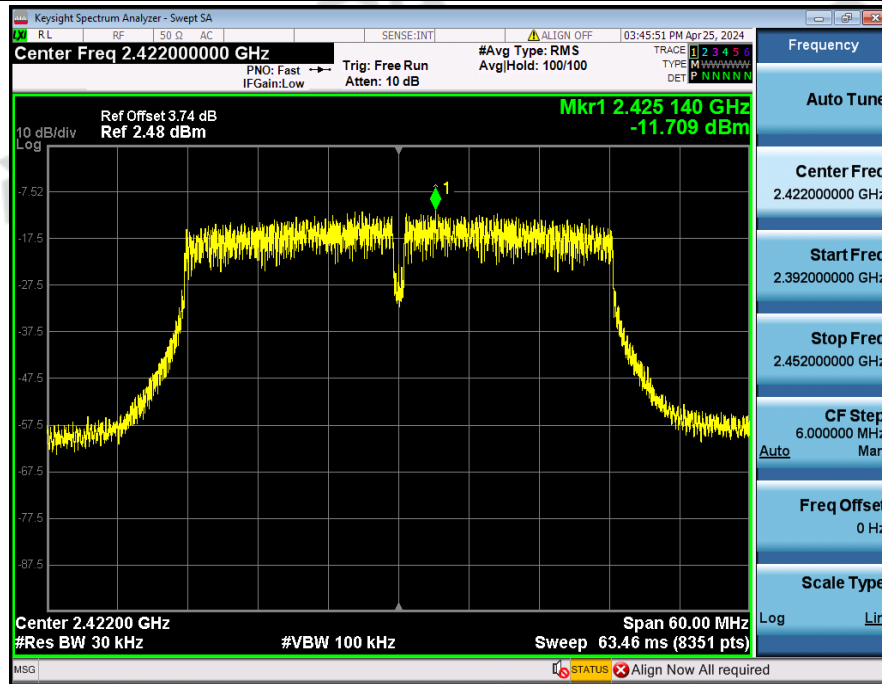
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2437



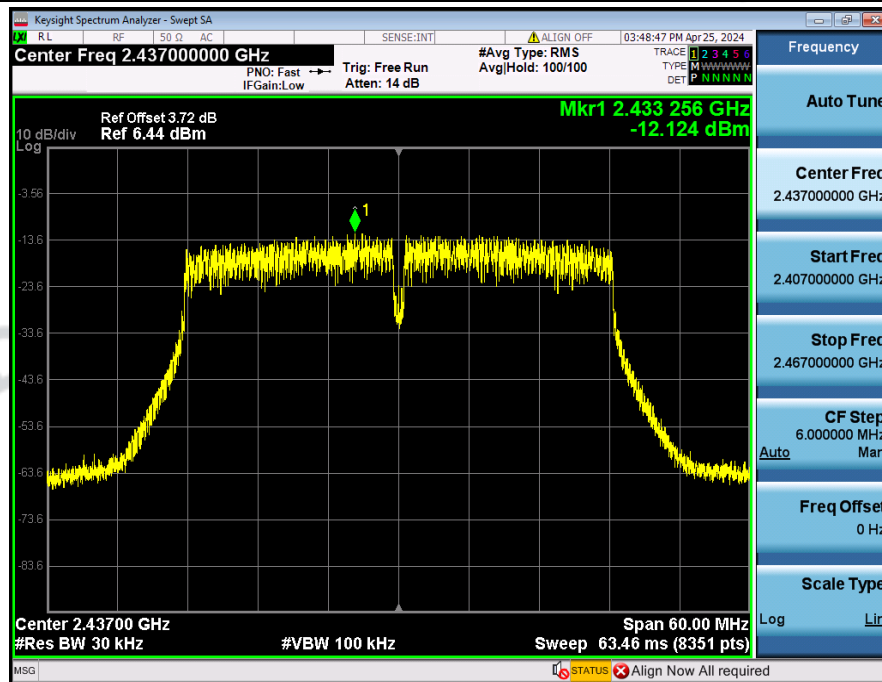
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2462



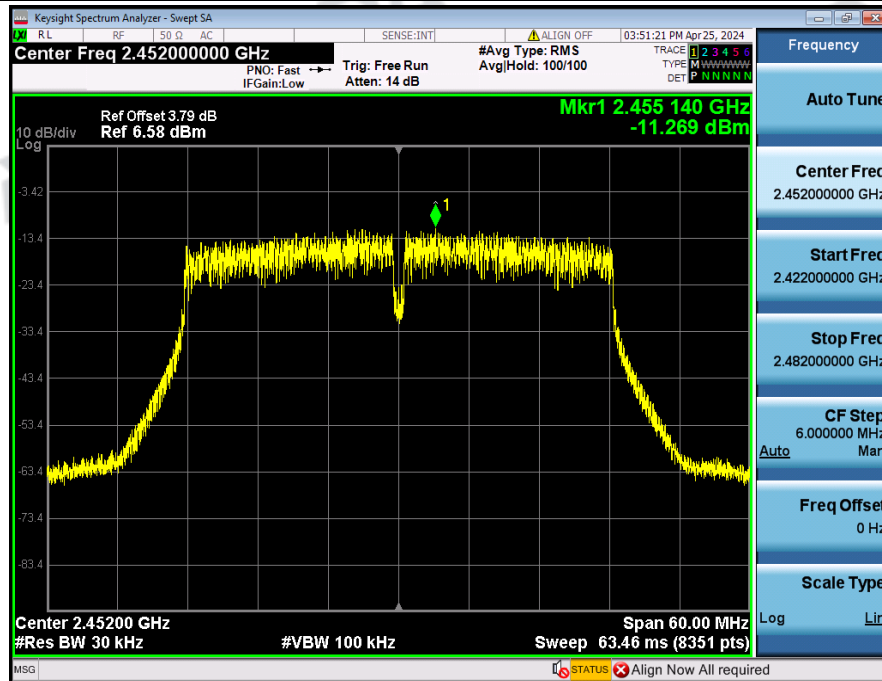
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2422



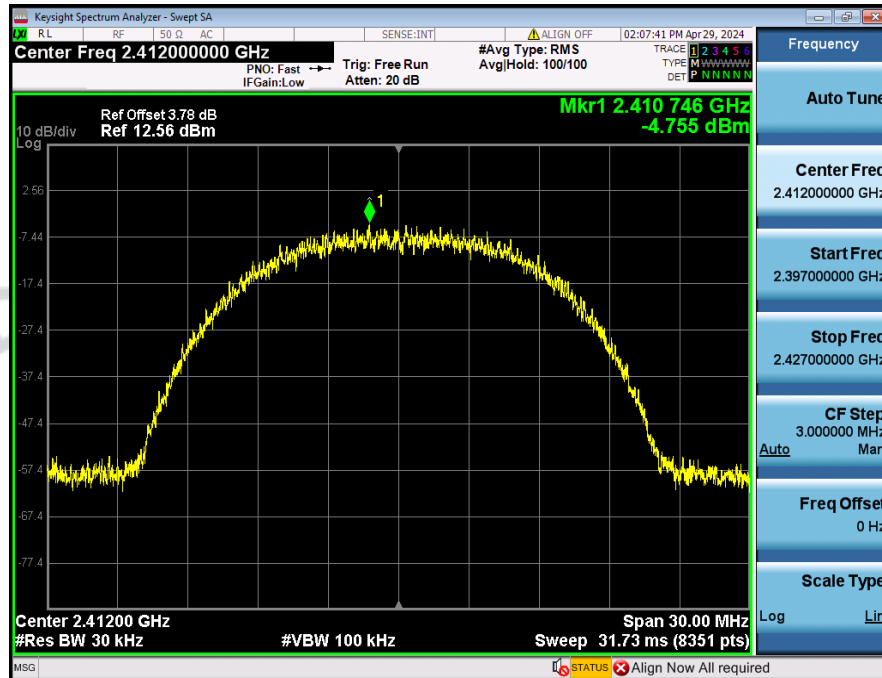
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2437



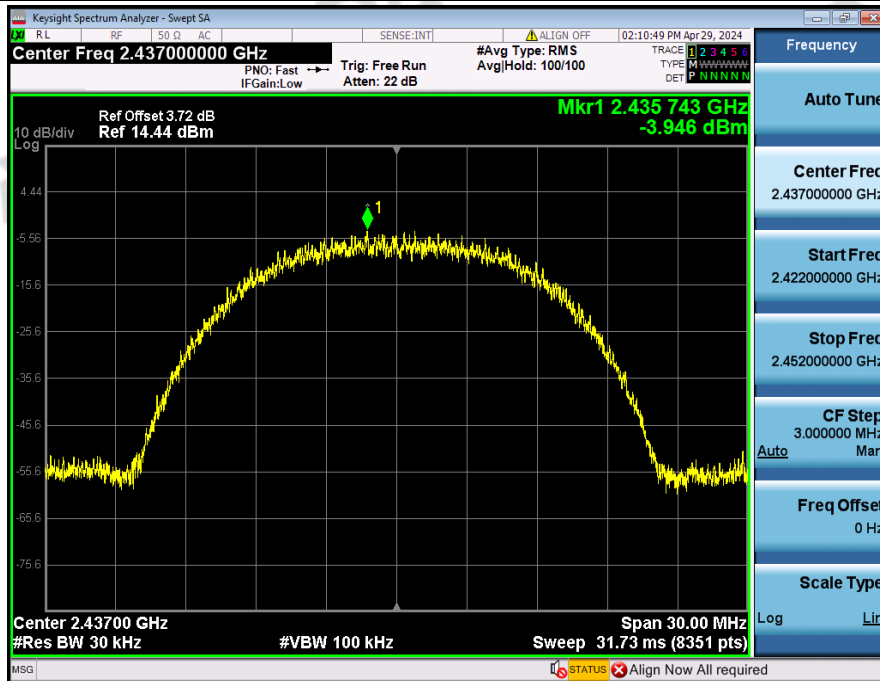
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2452



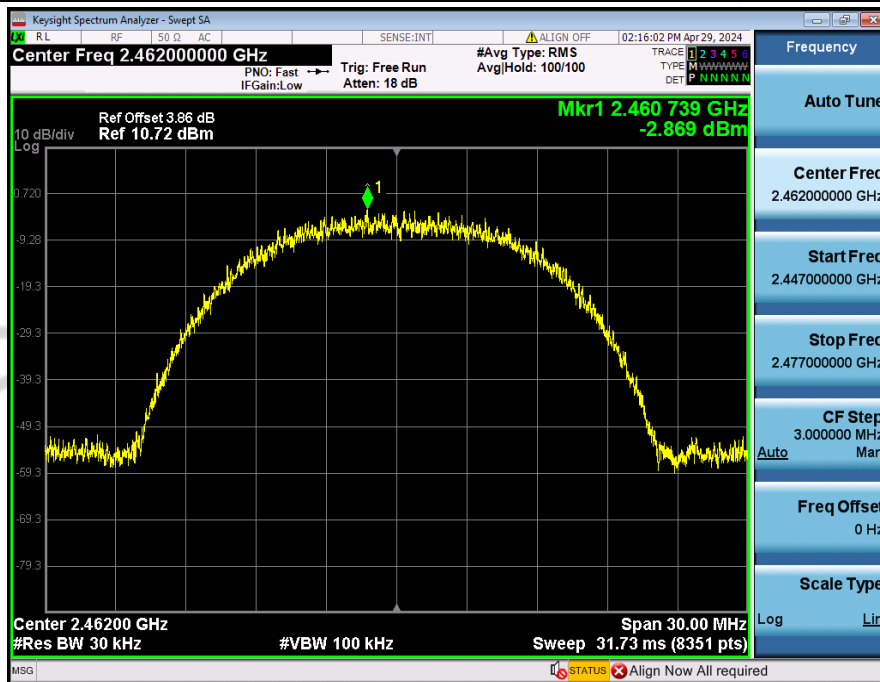
Power_Spectral_Density_NVNT_ANT2_802_11b_2412



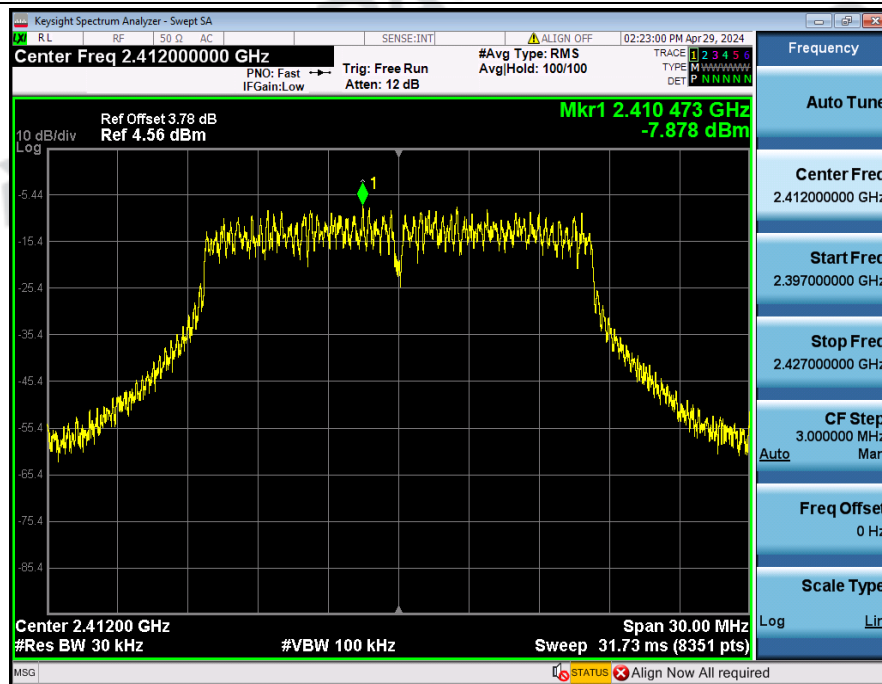
Power_Spectral_Density_NVNT_ANT2_802_11b_2437



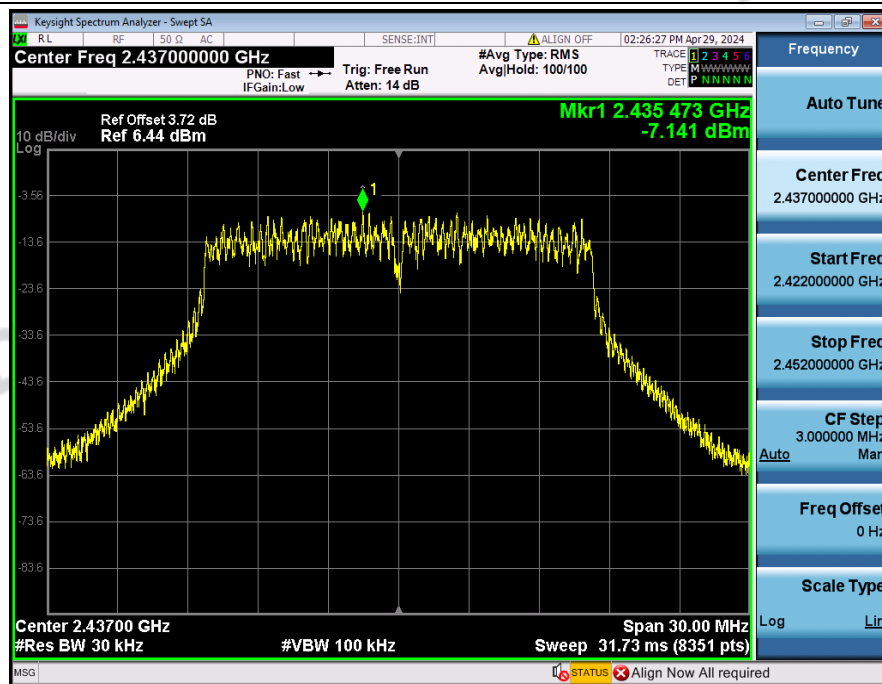
Power_Spectral_Density_NVNT_ANT2_802_11b_2462



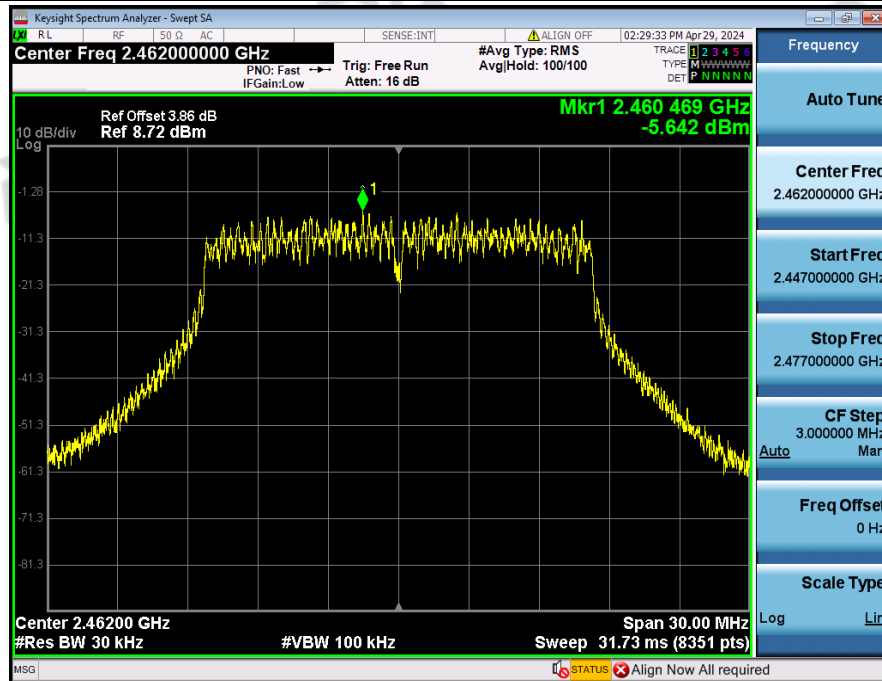
Power Spectral Density_NVNT_ANT2_802_11g_2412



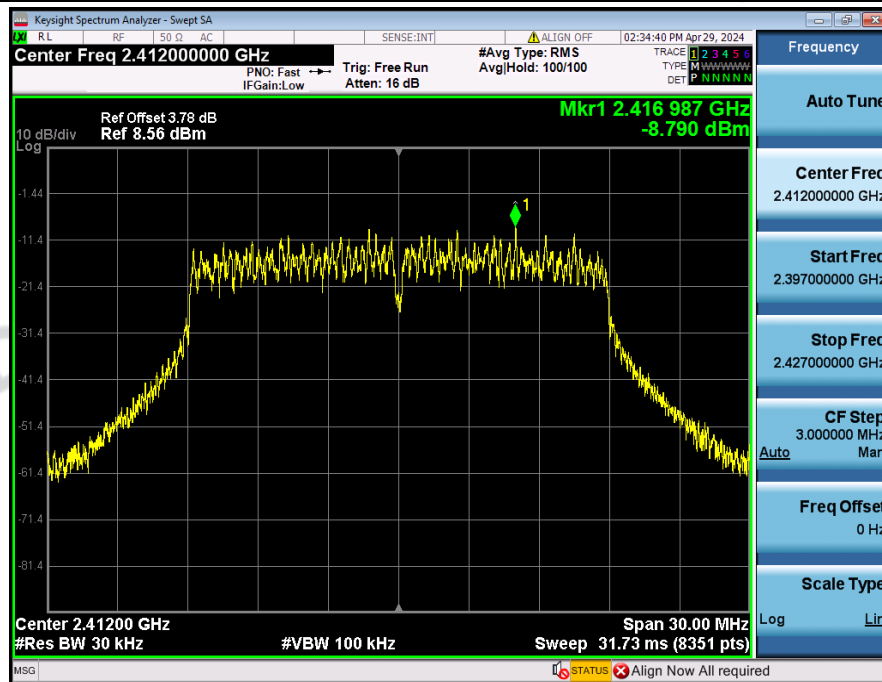
Power Spectral Density_NVNT_ANT2_802_11g_2437



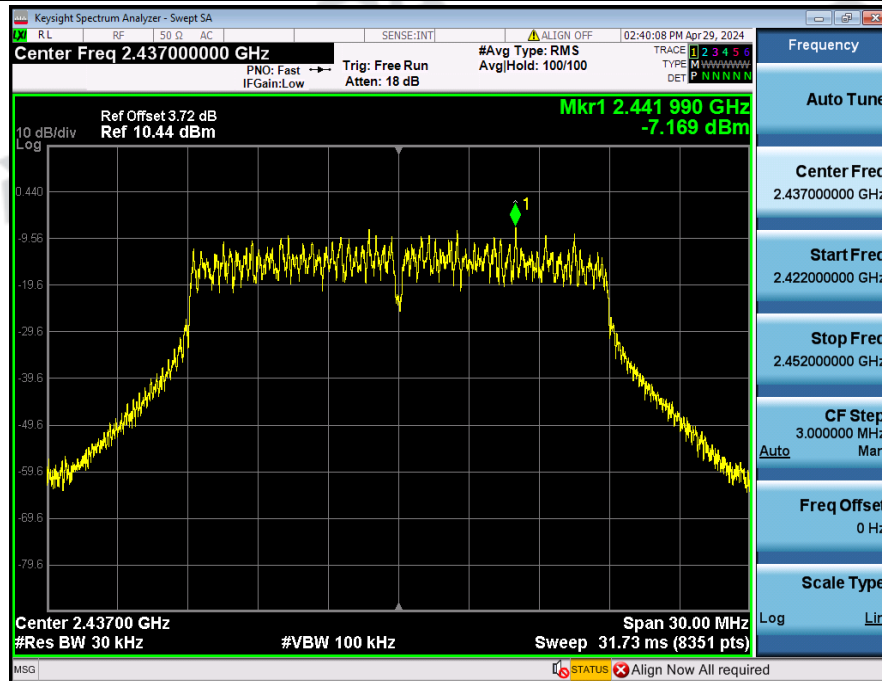
Power_Spectral_Density_NVNT_ANT2_802_11g_2462



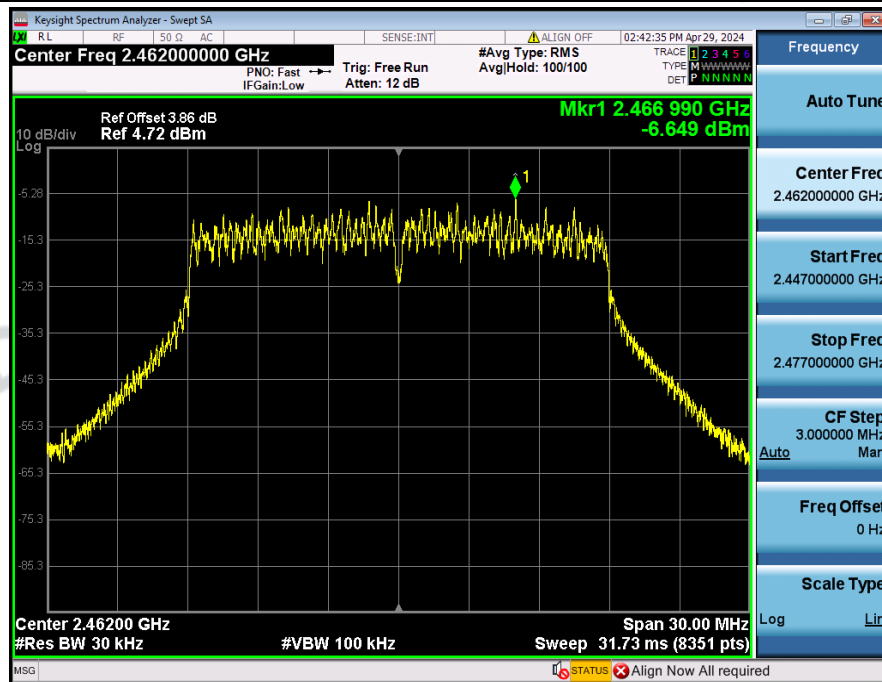
Power_Spectral_Density_NVNT_ANT2_802_11n(HT20)_2412



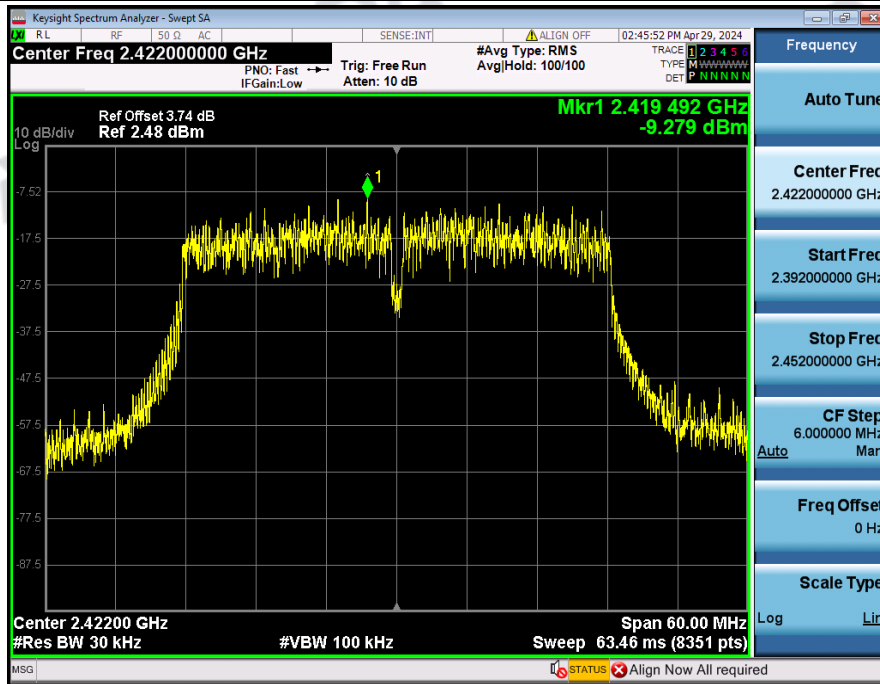
Power_Spectral_Density_NVNT_ANT2_802_11n(HT20)_2437



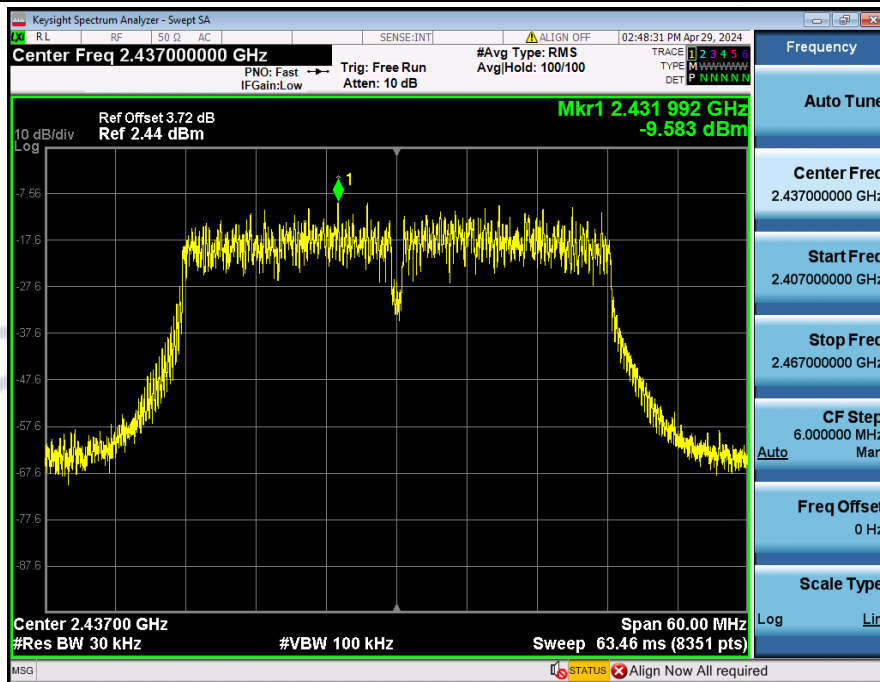
Power_Spectral_Density_NVNT_ANT2_802_11n(HT20)_2462



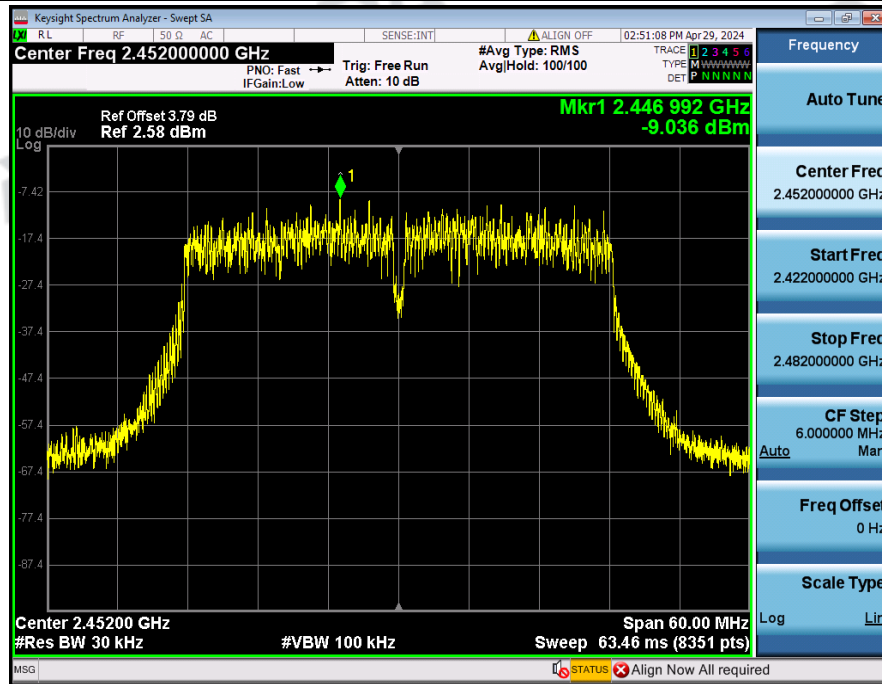
Power_Spectral_Density_NVNT_ANT2_802_11n(HT40)_2422



Power_Spectral_Density_NVNT_ANT2_802_11n(HT40)_2437



Power_Spectral_Density_NVNT_ANT2_802_11n(HT40)_2452



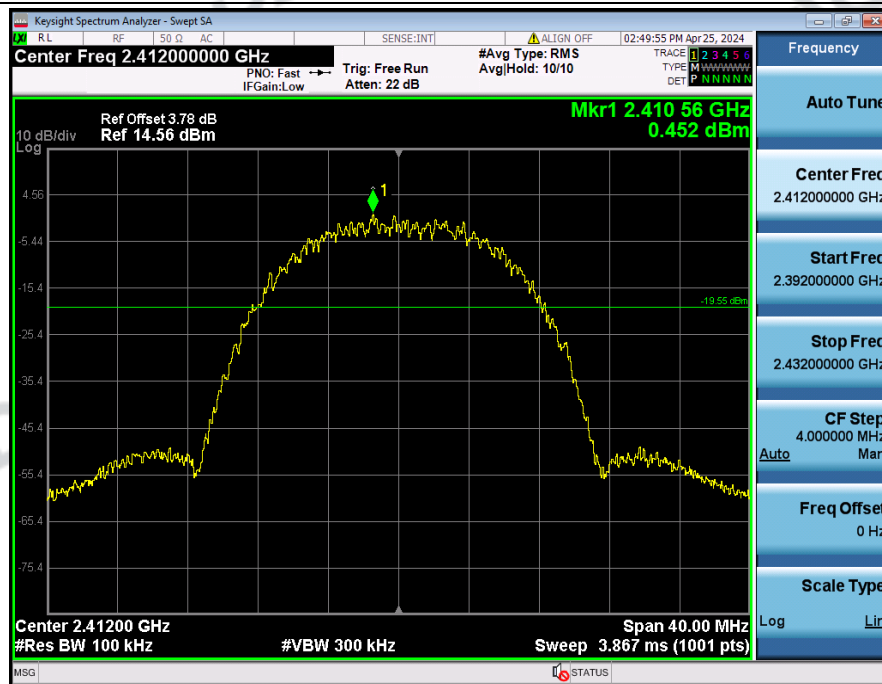
Condition	Antenna	Modulation	Frequency (MHz)	MIMO-PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	MIMO	802.11n(HT20)	2412.00	-7.91	8	Pass
NVNT	MIMO	802.11n(HT20)	2437.00	-14.77	8	Pass
NVNT	MIMO	802.11n(HT20)	2462.00	-14.19	8	Pass
NVNT	MIMO	802.11n(HT40)	2422.00	-17.32	8	Pass
NVNT	MIMO	802.11n(HT40)	2437.00	-17.66	8	Pass
NVNT	MIMO	802.11n(HT40)	2452.00	-17.00	8	Pass

Note: the MIMO antenna gain is 5.51<6dBi, so the MIMO Limit is still 8dBm/3KHz

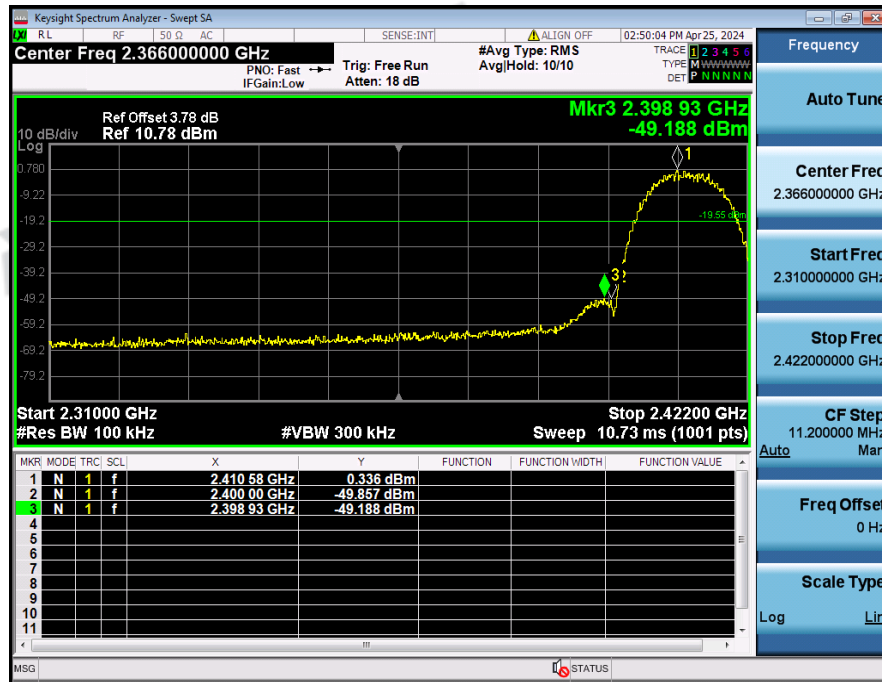
5. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2398.928	-49.188	-19.548	Pass
NVNT	ANT1	802.11b	2462.00	2486.800	-58.539	-19.801	Pass
NVNT	ANT1	802.11g	2412.00	2399.824	-42.975	-24.855	Pass
NVNT	ANT1	802.11g	2462.00	2484.064	-57.543	-24.367	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.936	-41.378	-24.864	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2484.112	-56.363	-24.709	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2399.892	-48.210	-28.304	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2485.108	-57.508	-27.988	Pass
NVNT	ANT2	802.11b	2412.00	2398.480	-46.604	-20.052	Pass
NVNT	ANT2	802.11b	2462.00	2486.656	-56.018	-18.507	Pass
NVNT	ANT2	802.11g	2412.00	2399.936	-43.704	-22.251	Pass
NVNT	ANT2	802.11g	2462.00	2483.920	-55.044	-20.106	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	2399.936	-43.394	-24.058	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	2485.024	-57.073	-21.897	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	2399.496	-47.584	-25.008	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	2487.012	-53.796	-24.821	Pass

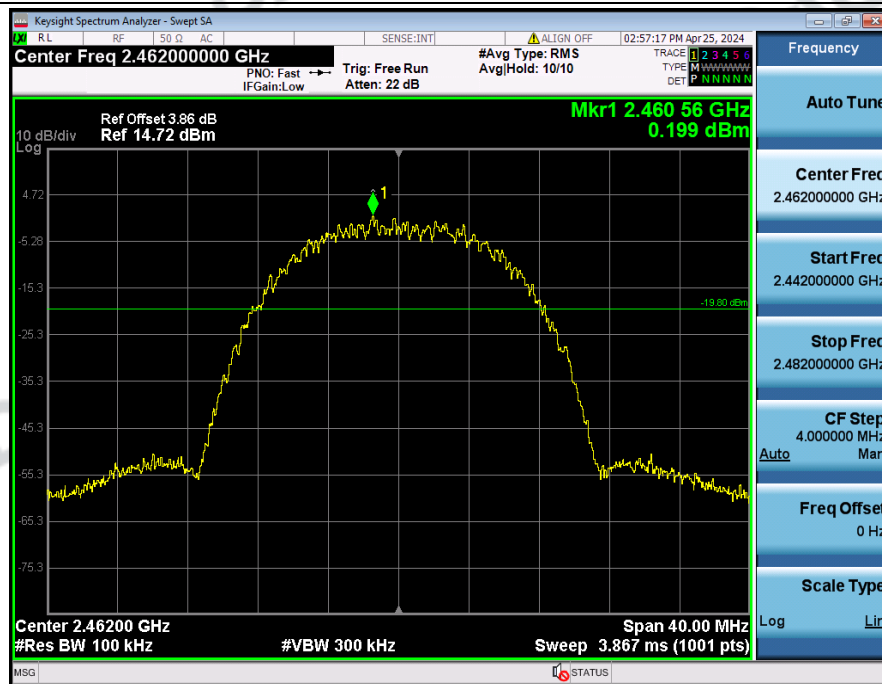
1_Reference_Level_NVNT_ANT1_802_11b_2412



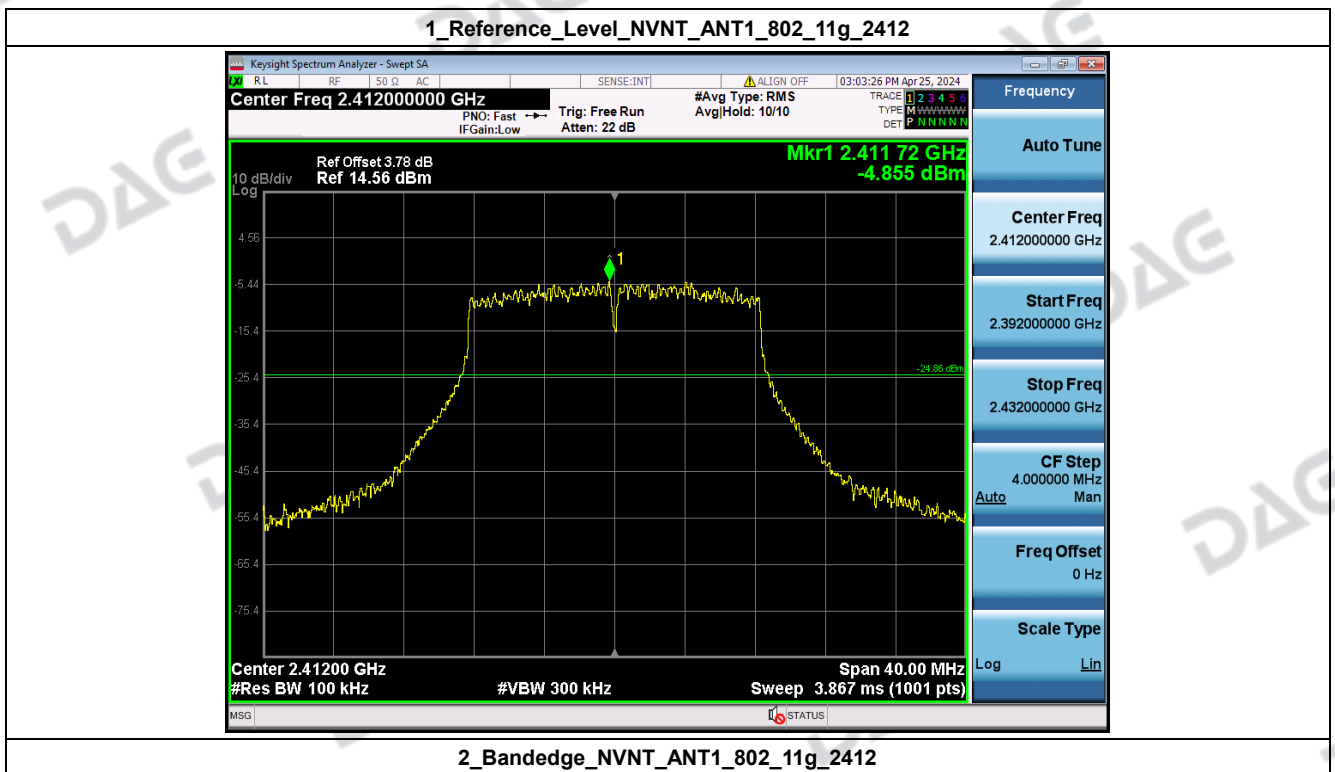
2_Bandedge_NVNT_ANT1_802_11b_2412



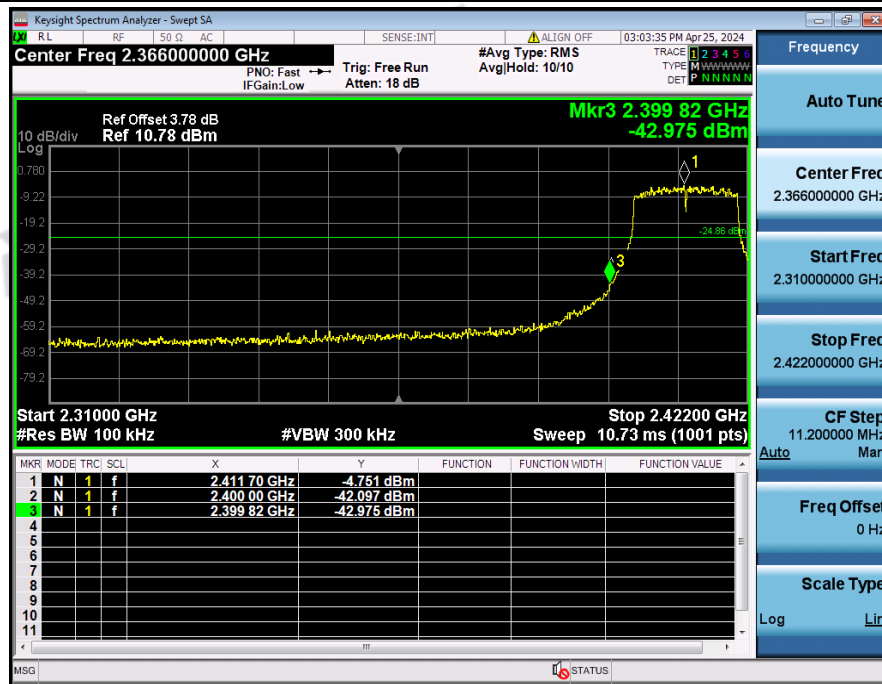
1_Reference_Level_NVNT_ANT1_802_11b_2462



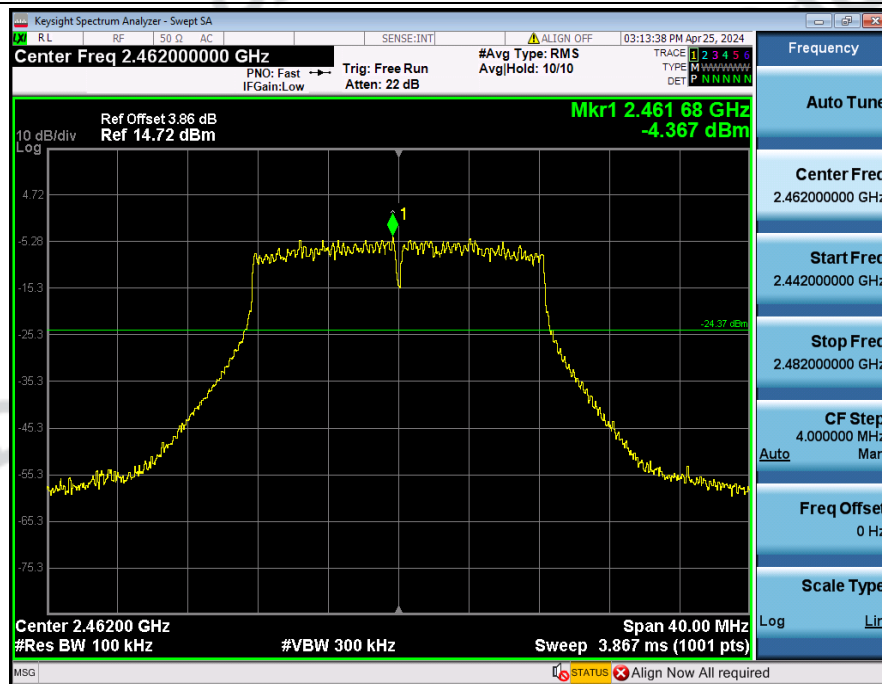
2_Bandedge_NVNT_ANT1_802_11b_2462



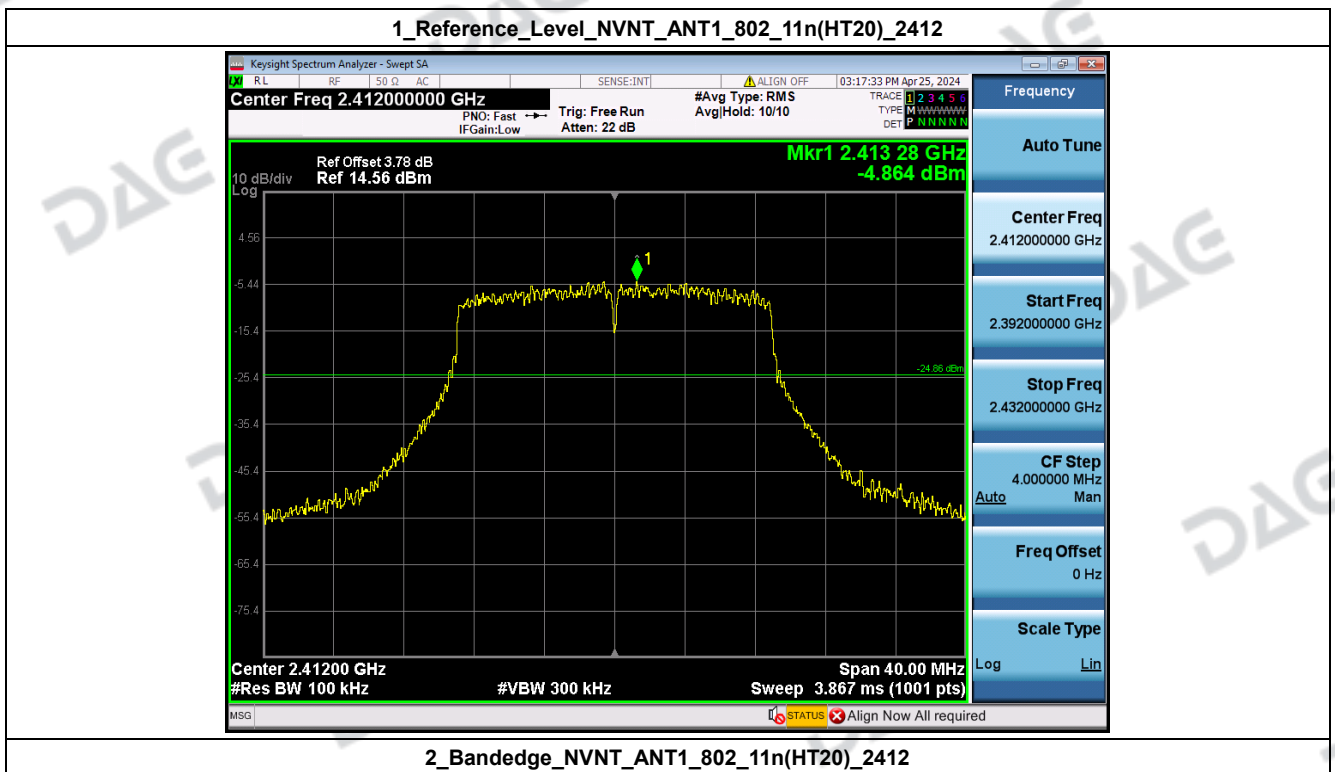
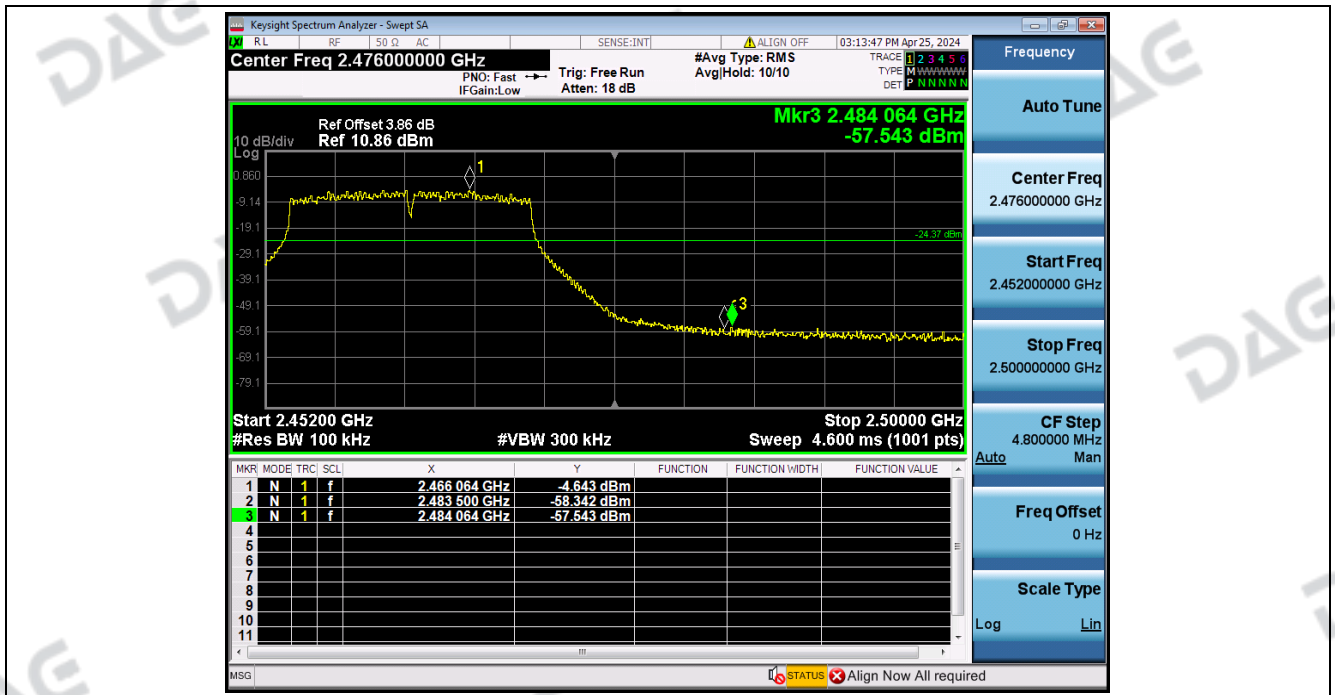
2_Bandedge_NVNT_ANT1_802_11g_2412

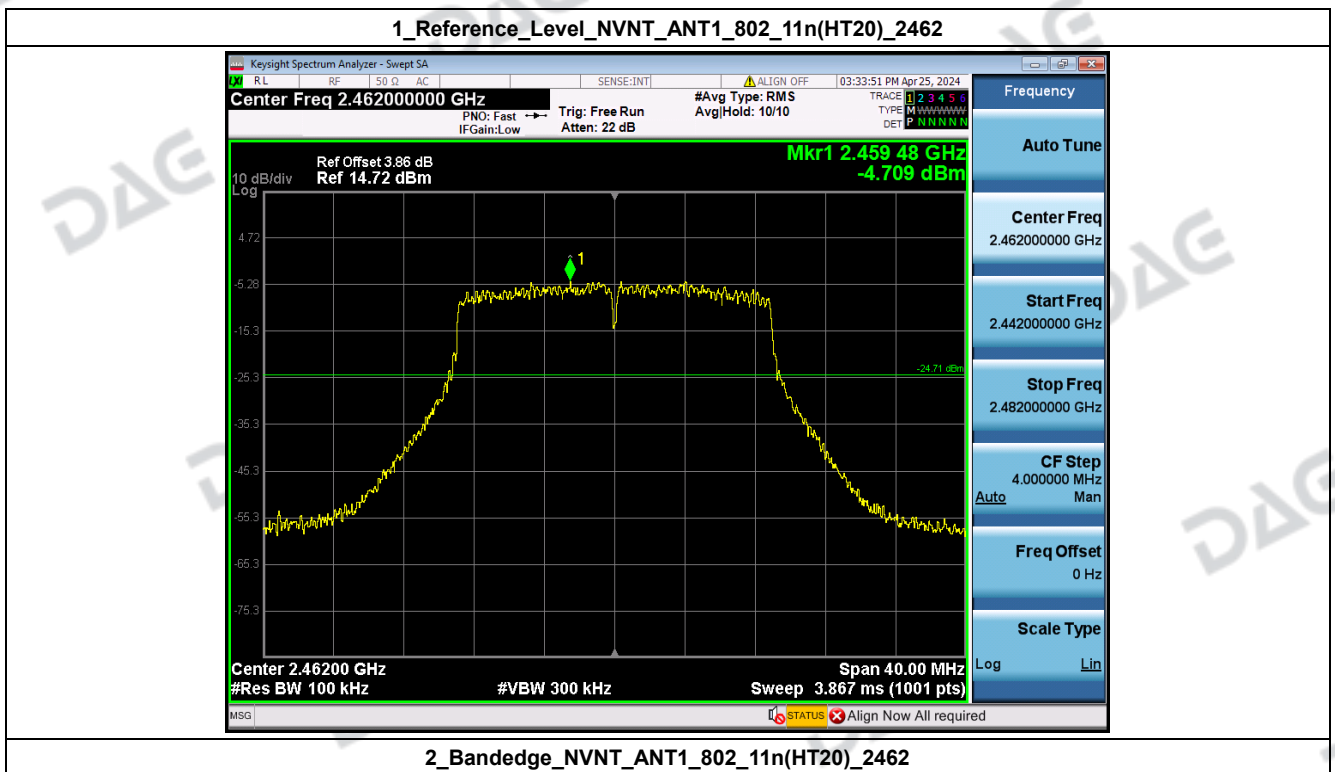
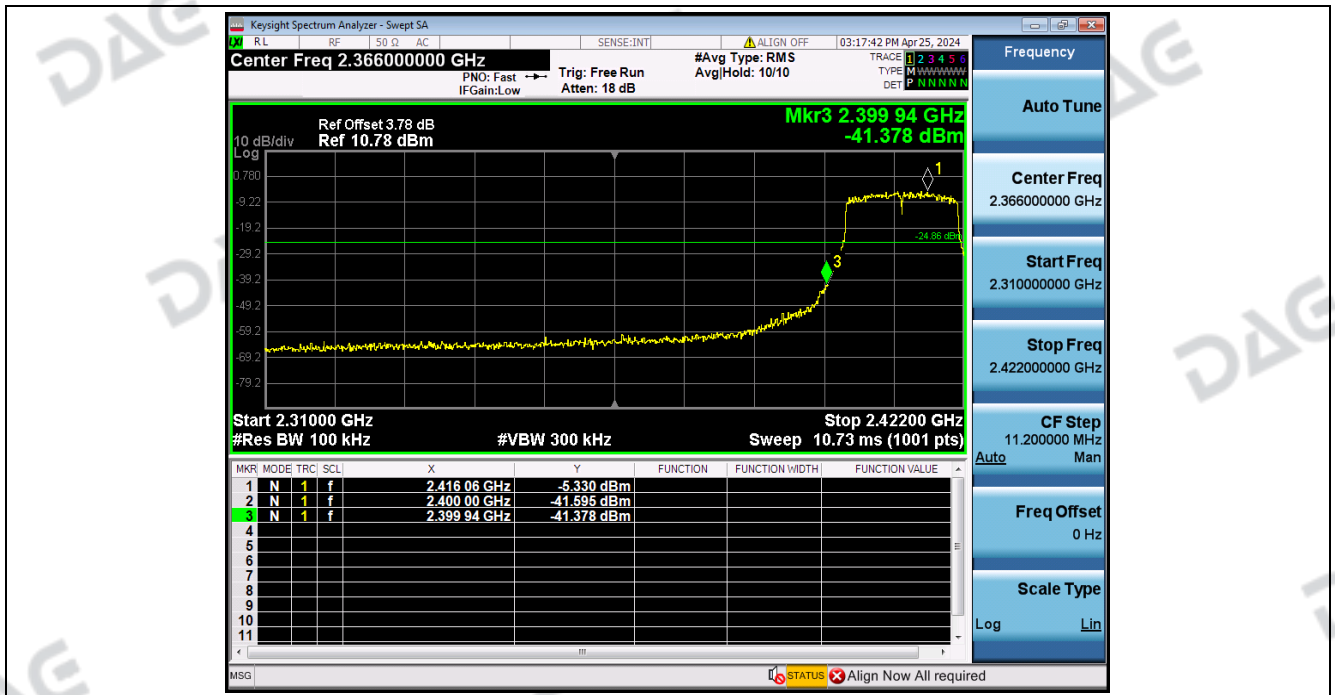


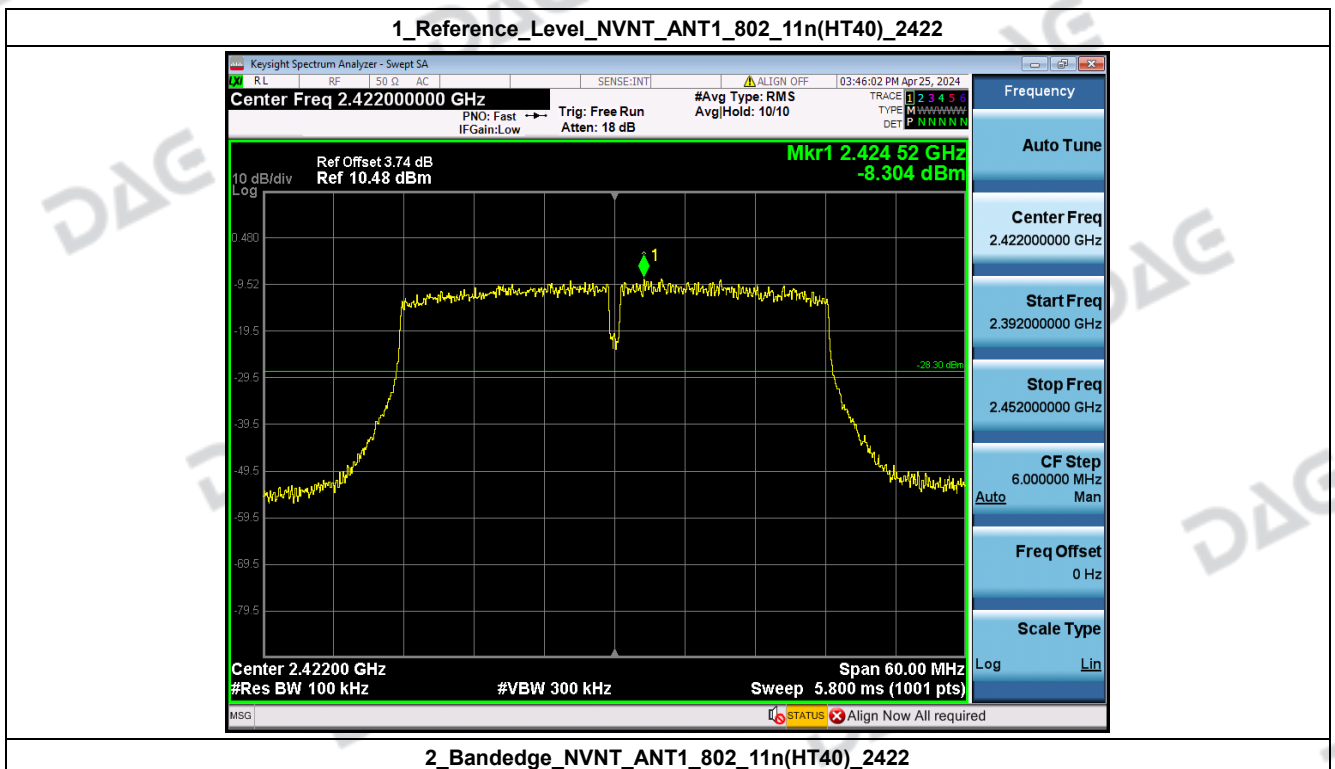
1_Reference_Level_NVNT_ANT1_802_11g_2462



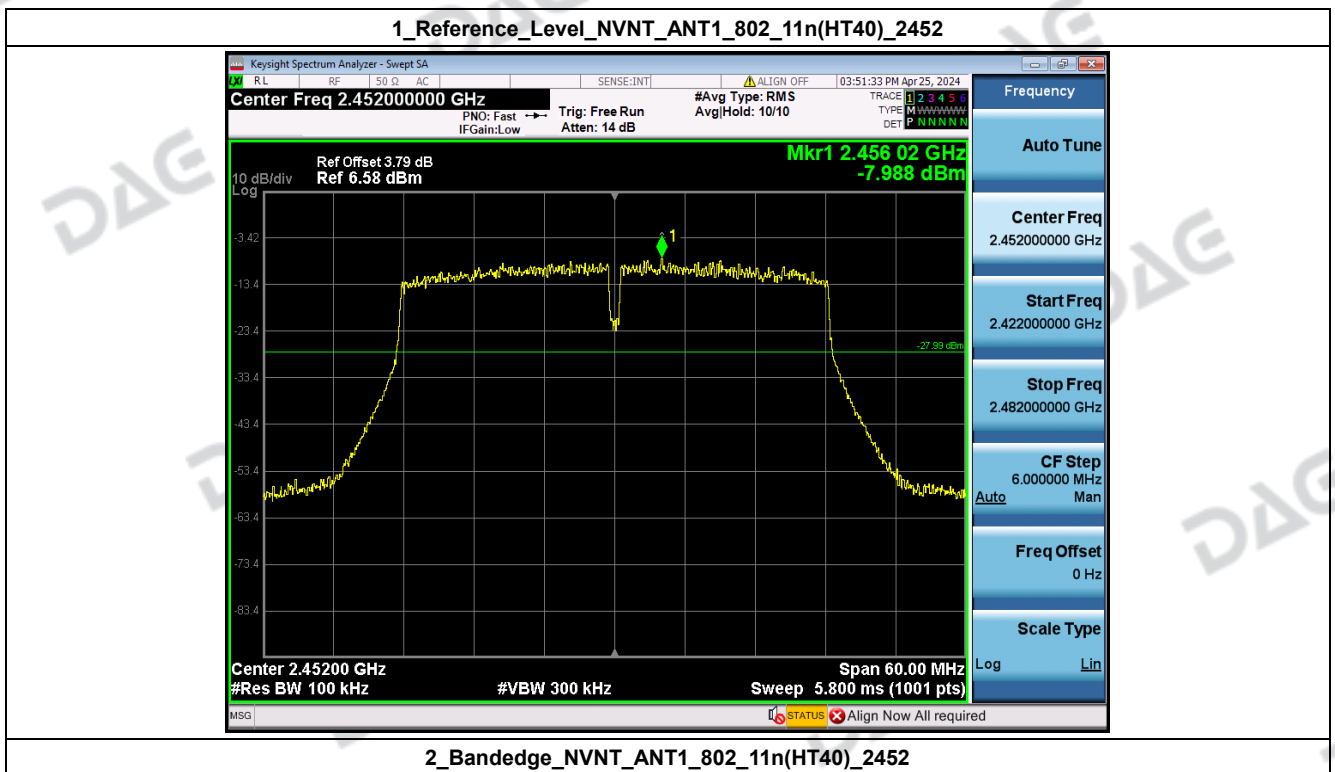
2_Bandedge_NVNT_ANT1_802_11g_2462





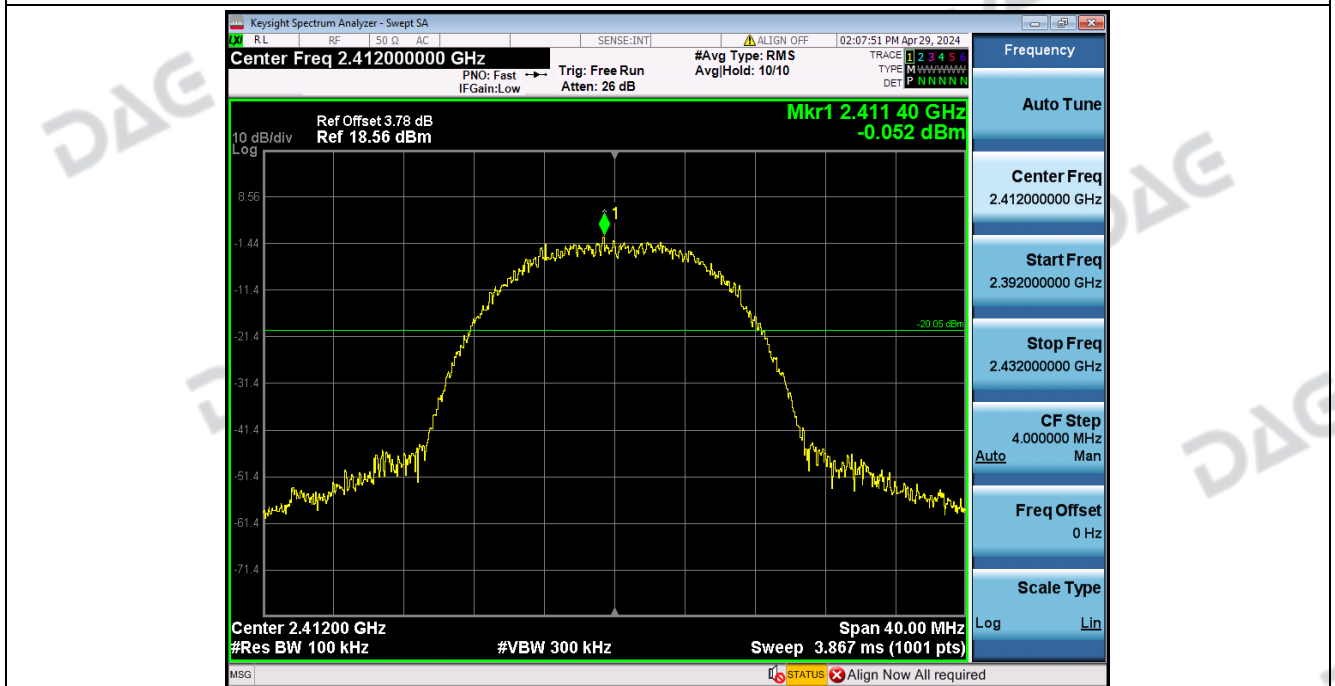


2_Bandedge_NVNT_ANT1_802_11n(HT40)_2422

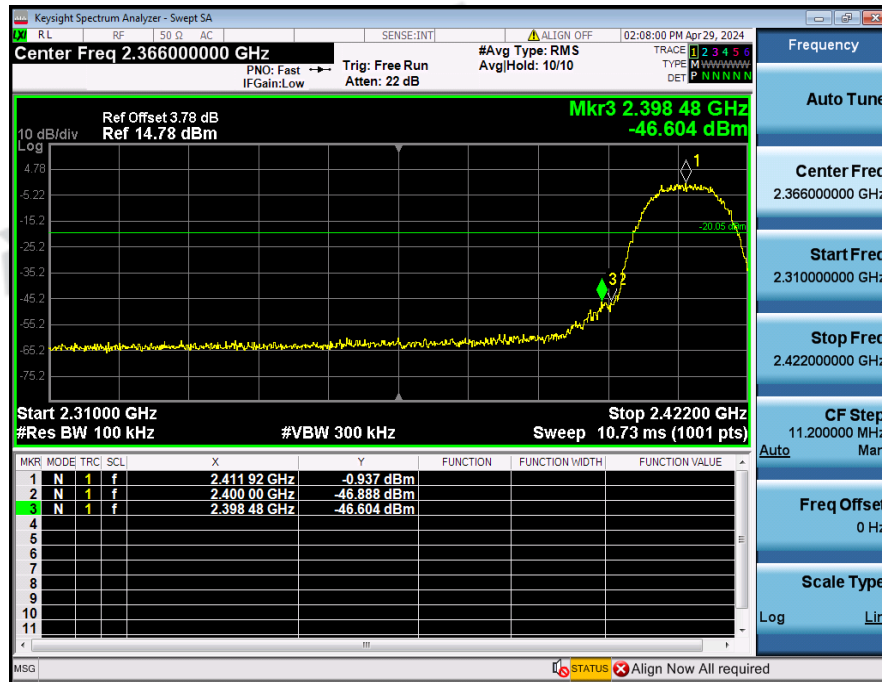




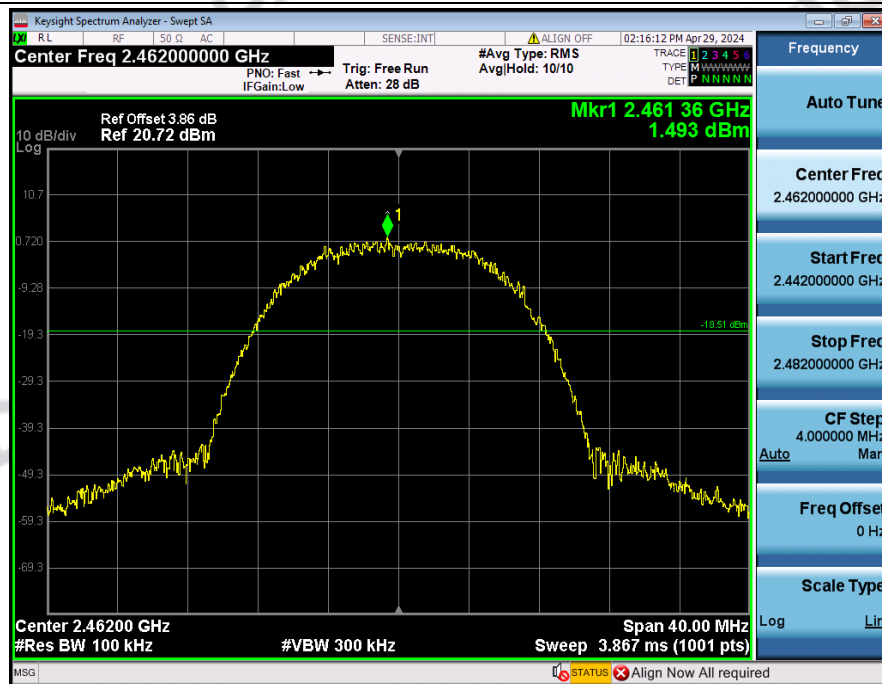
1_Reference_Level_NVNT_ANT2_802_11b_2412



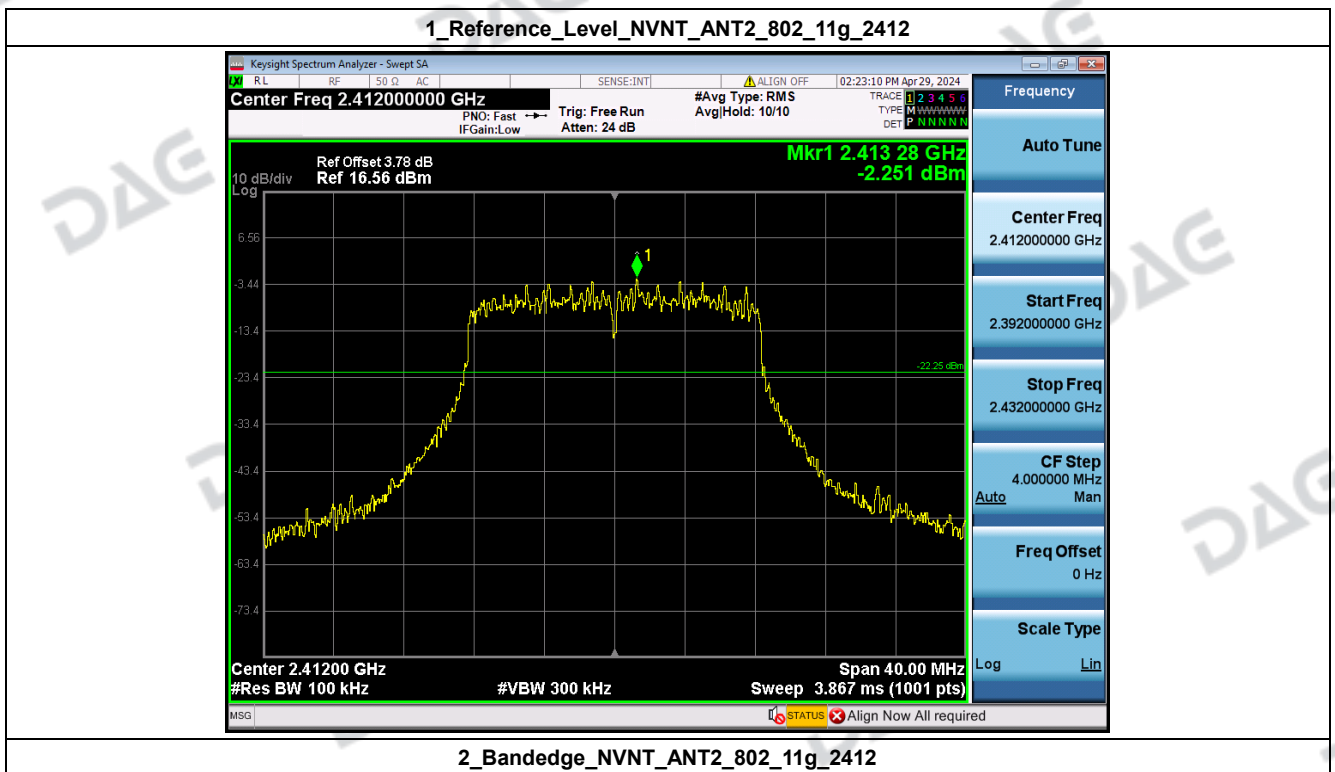
2_Bandedge_NVNT_ANT2_802_11b_2412

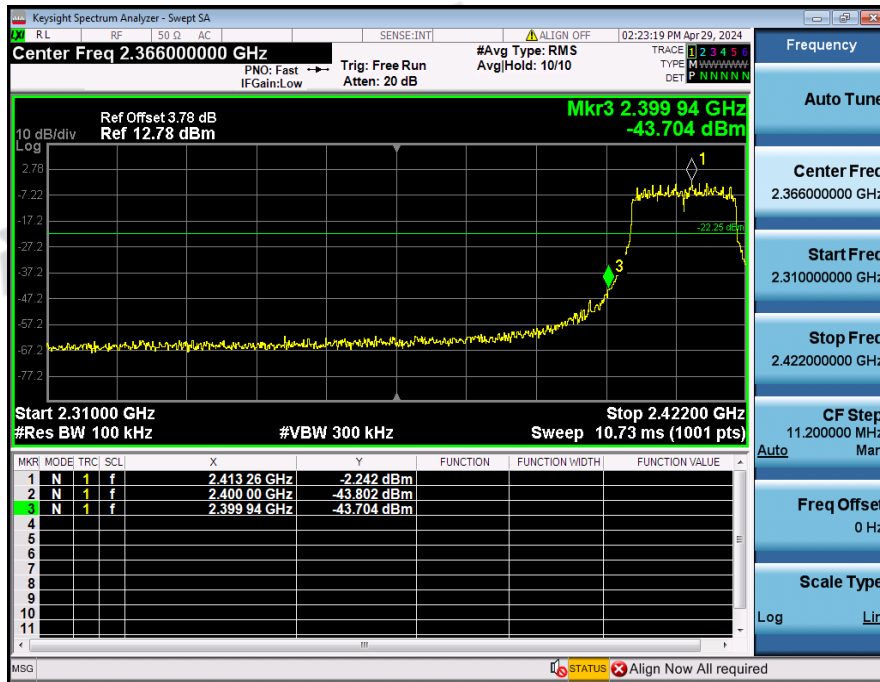


1_Reference_Level_NVNT_ANT2_802_11b_2462

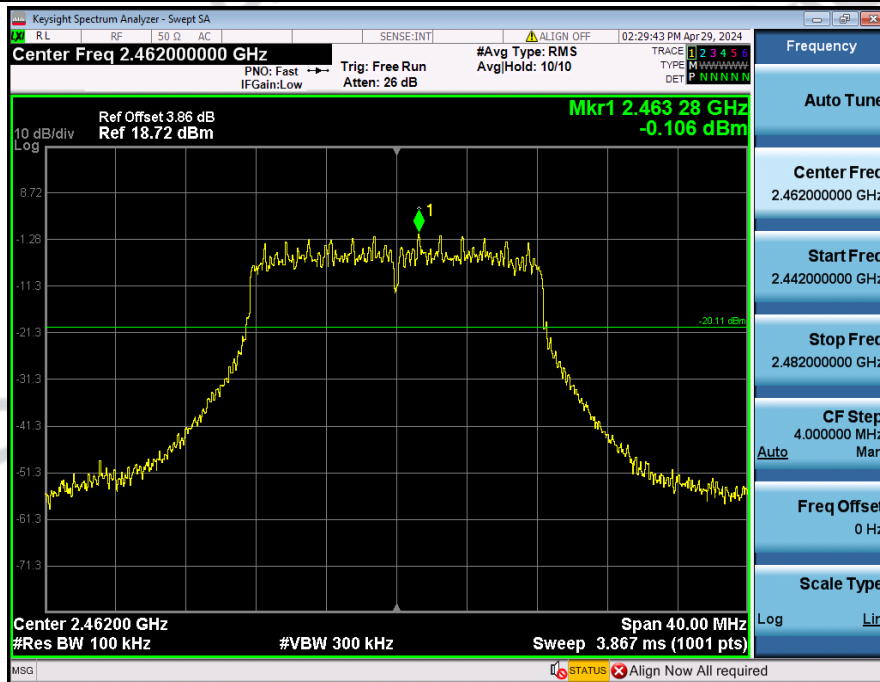


2_Bandedge_NVNT_ANT2_802_11b_2462

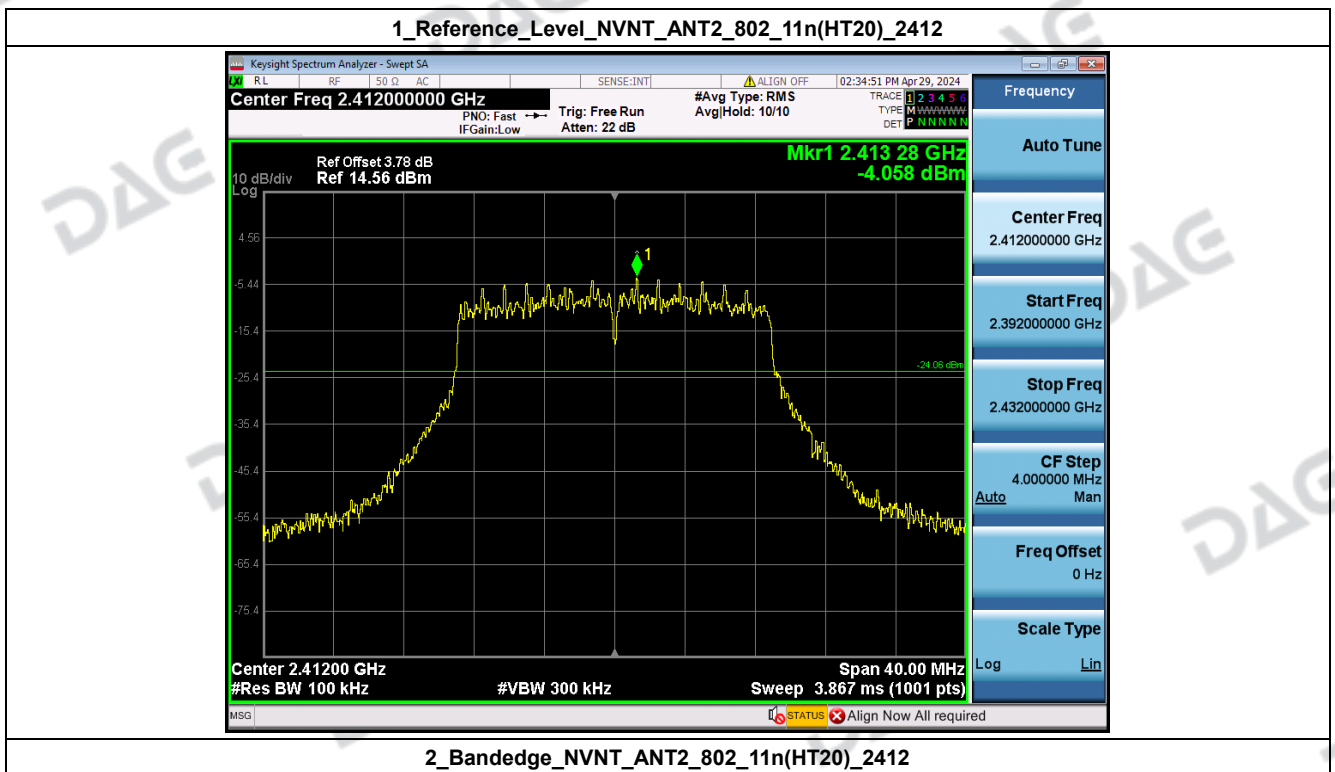
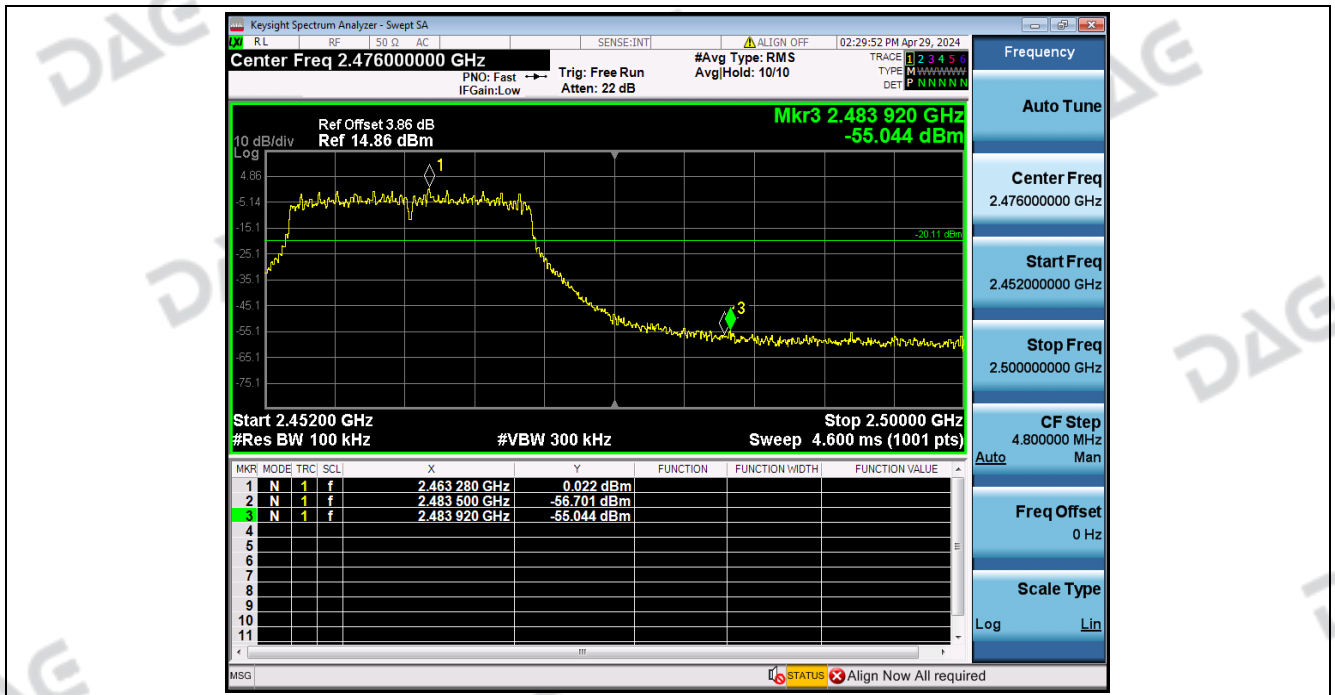


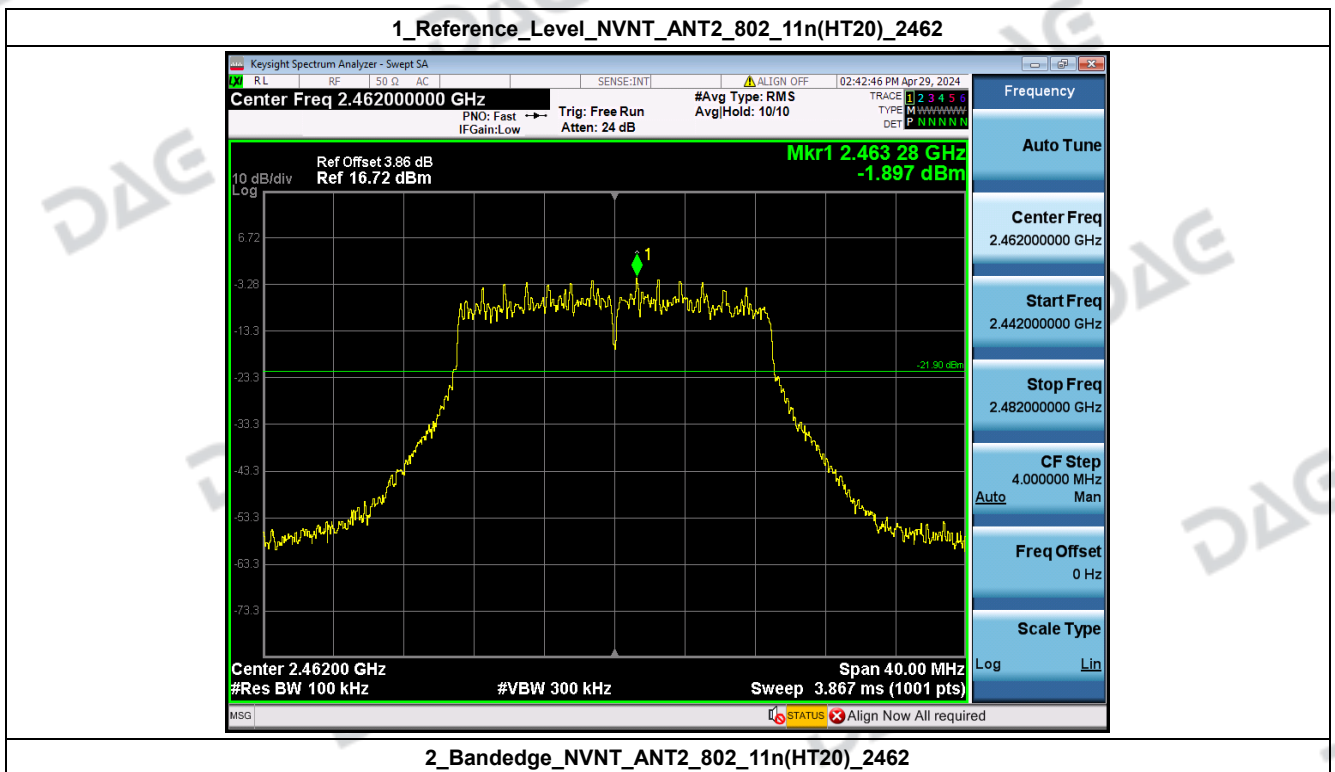
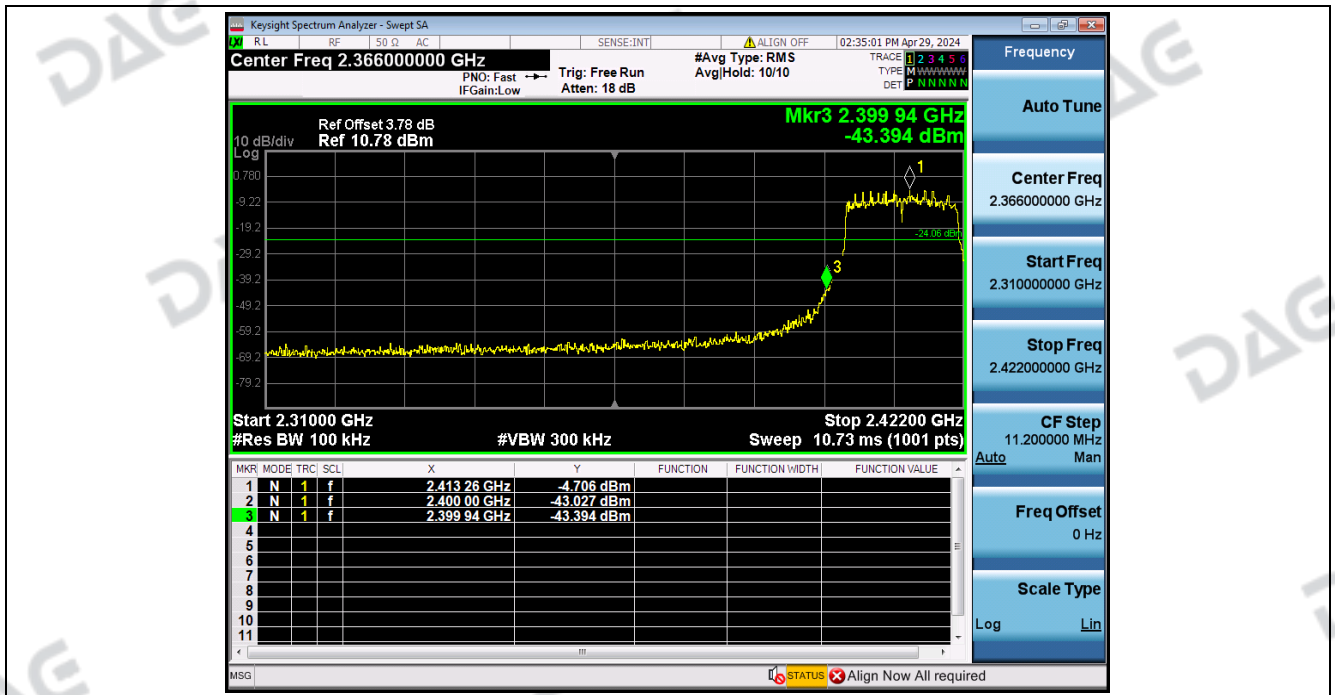


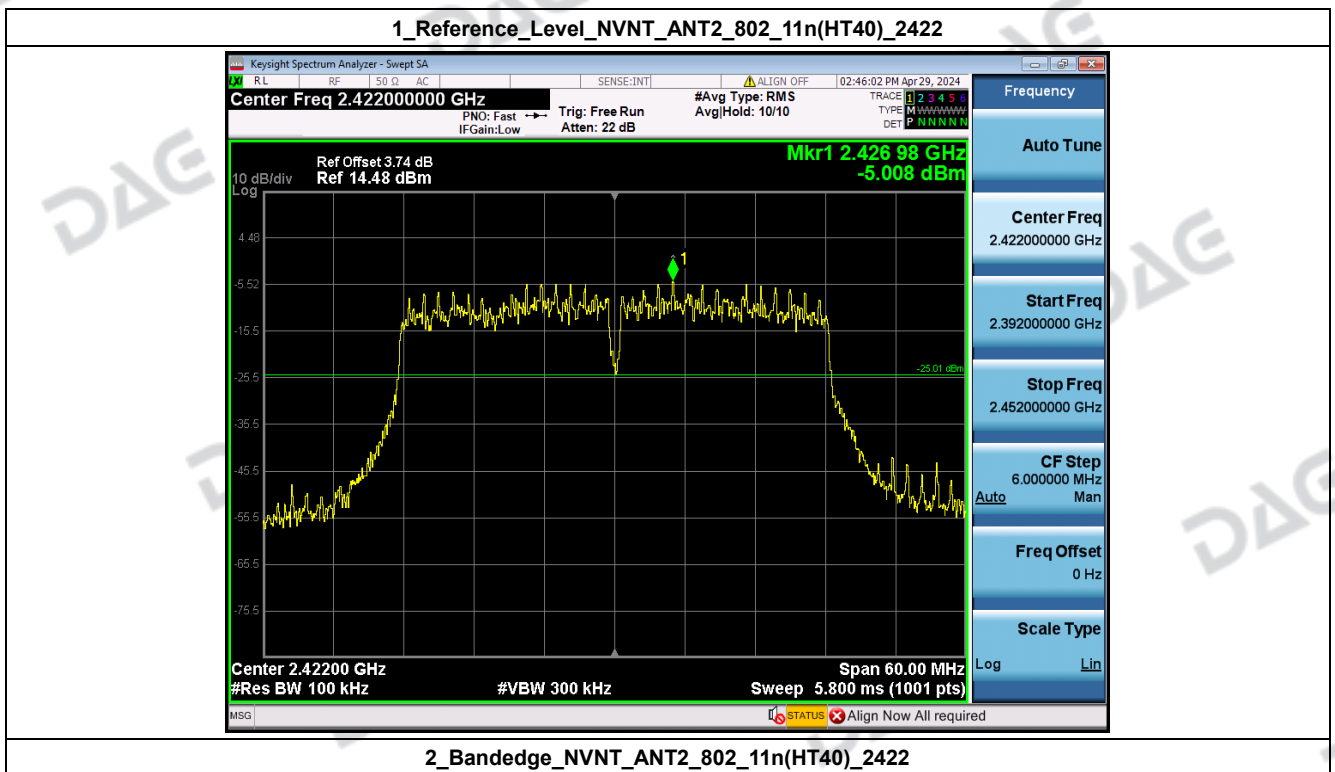
1_Reference_Level_NVNT_ANT2_802_11g_2462

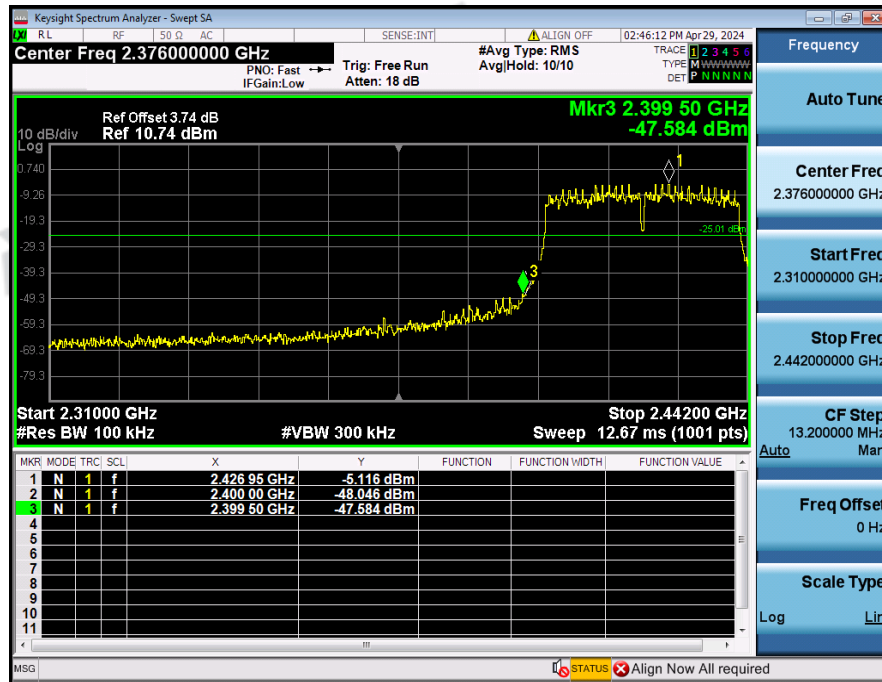


2_Bandedge_NVNT_ANT2_802_11g_2462

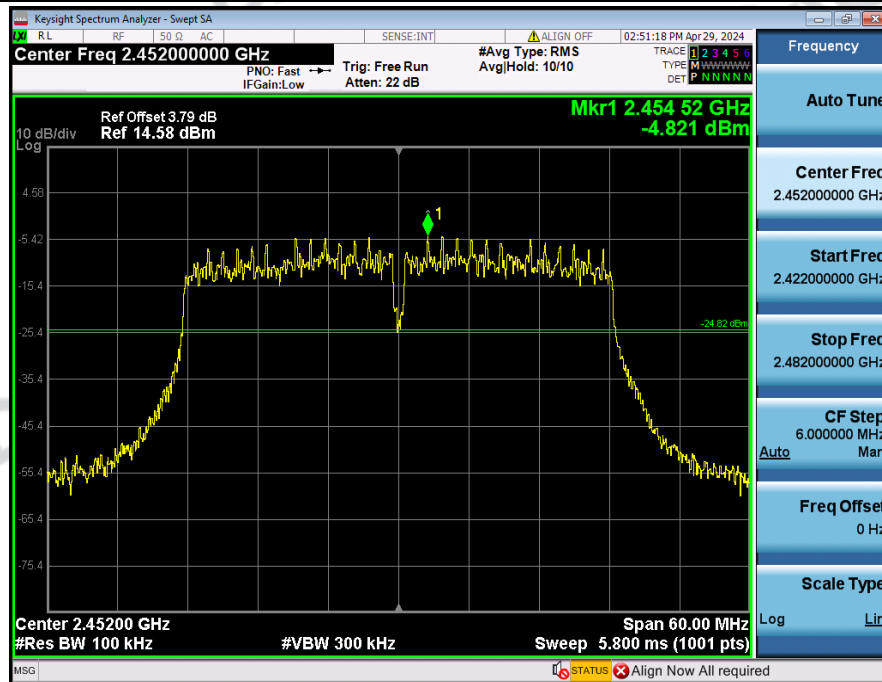




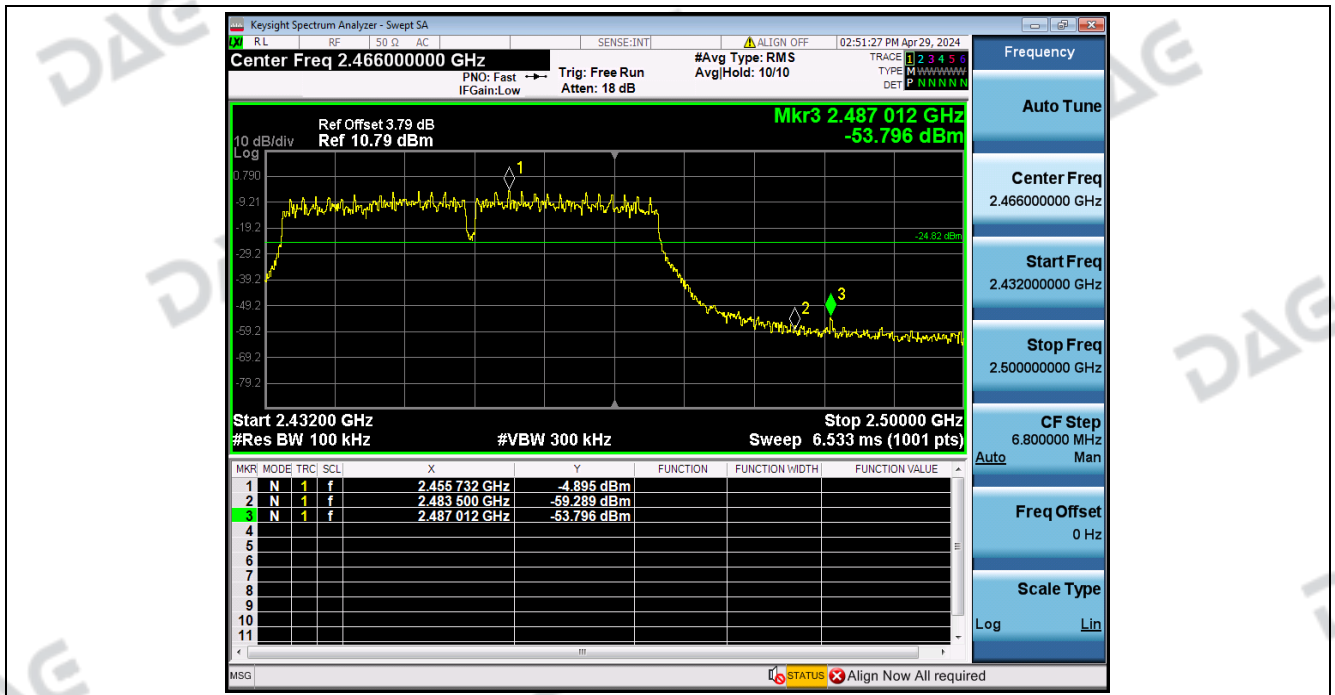




1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2452



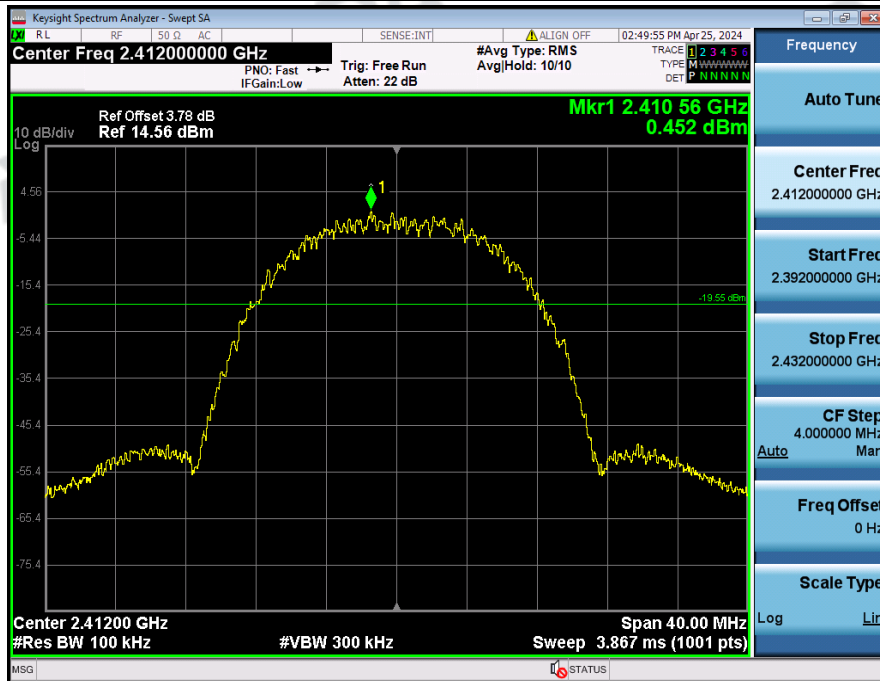
2_Bandedge_NVNT_ANT2_802_11n(HT40)_2452



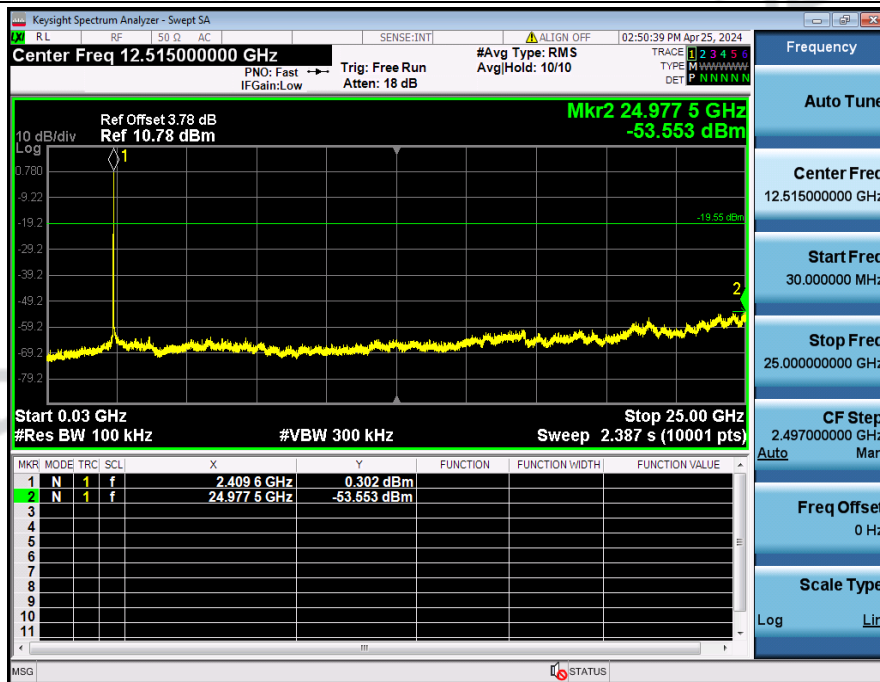
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24977.527	-53.553	-19.548	Pass
NVNT	ANT1	802.11b	2437.00	24947.563	-53.204	-19.550	Pass
NVNT	ANT1	802.11b	2462.00	24498.103	-53.469	-19.801	Pass
NVNT	ANT1	802.11g	2412.00	24895.126	-53.508	-24.855	Pass
NVNT	ANT1	802.11g	2437.00	23988.715	-53.367	-24.459	Pass
NVNT	ANT1	802.11g	2462.00	24513.085	-53.511	-24.367	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24890.132	-54.023	-24.864	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24952.557	-53.720	-24.816	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24563.025	-53.266	-24.709	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	24972.533	-58.091	-28.304	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	24403.217	-58.356	-28.539	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2502.030	-59.884	-27.988	Pass
NVNT	ANT2	802.11b	2412.00	24530.564	-50.127	-20.052	Pass
NVNT	ANT2	802.11b	2437.00	24535.558	-49.415	-19.572	Pass
NVNT	ANT2	802.11b	2462.00	24922.593	-47.341	-18.507	Pass
NVNT	ANT2	802.11g	2412.00	24887.635	-51.401	-22.251	Pass
NVNT	ANT2	802.11g	2437.00	24902.617	-50.046	-21.529	Pass
NVNT	ANT2	802.11g	2462.00	24523.073	-49.980	-20.106	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	24525.570	-53.203	-24.058	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	24935.078	-51.596	-22.885	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	24538.055	-51.247	-21.897	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	24540.552	-54.565	-25.008	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	24543.049	-60.031	-25.903	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	24575.510	-54.342	-24.821	Pass

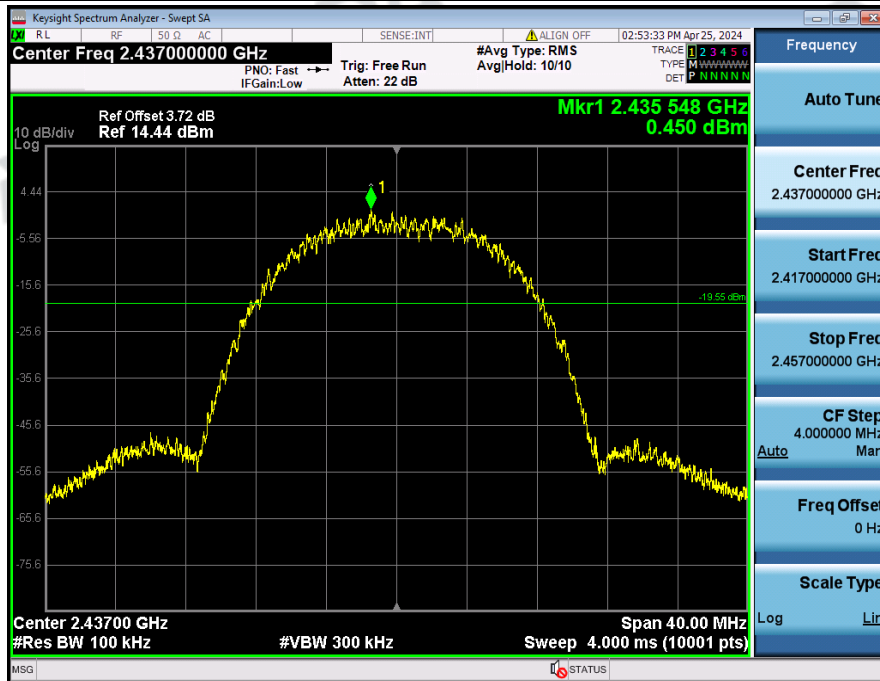
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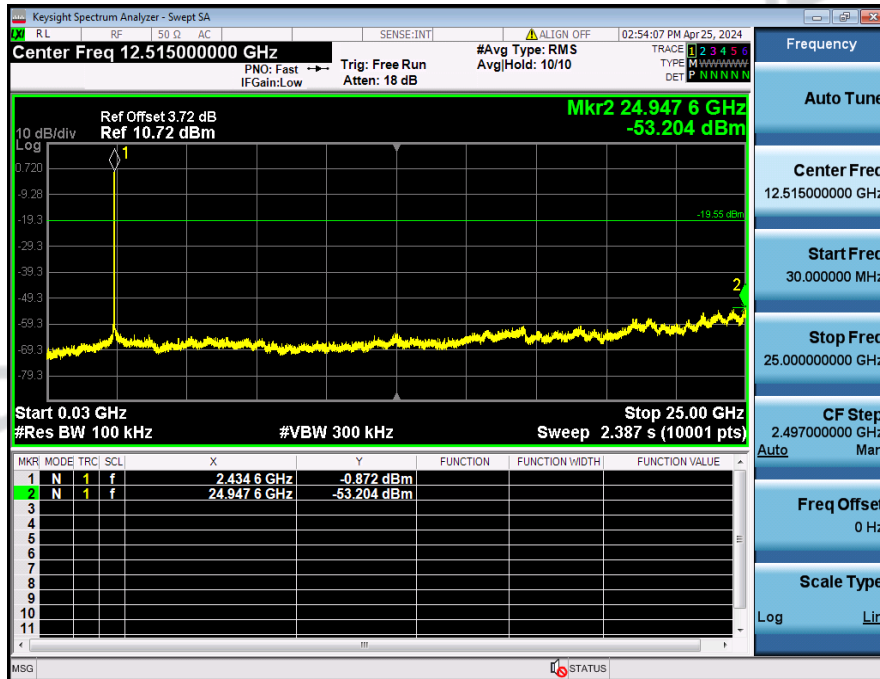
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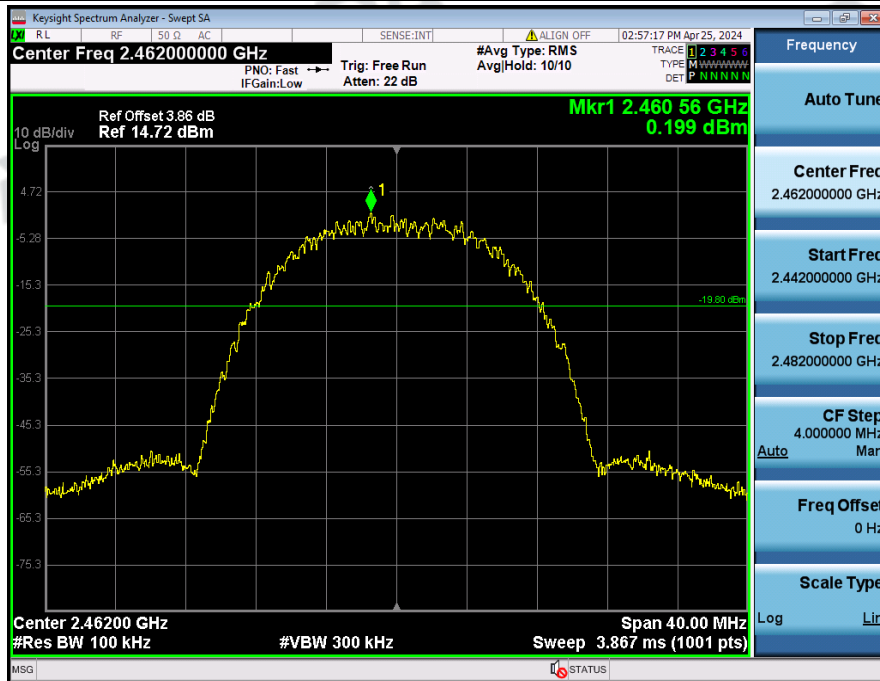
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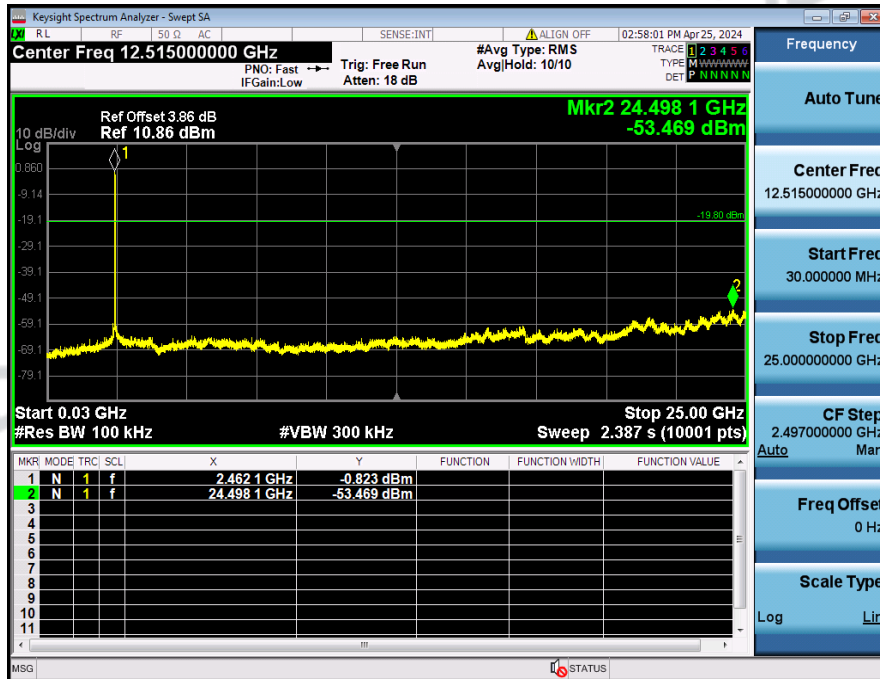
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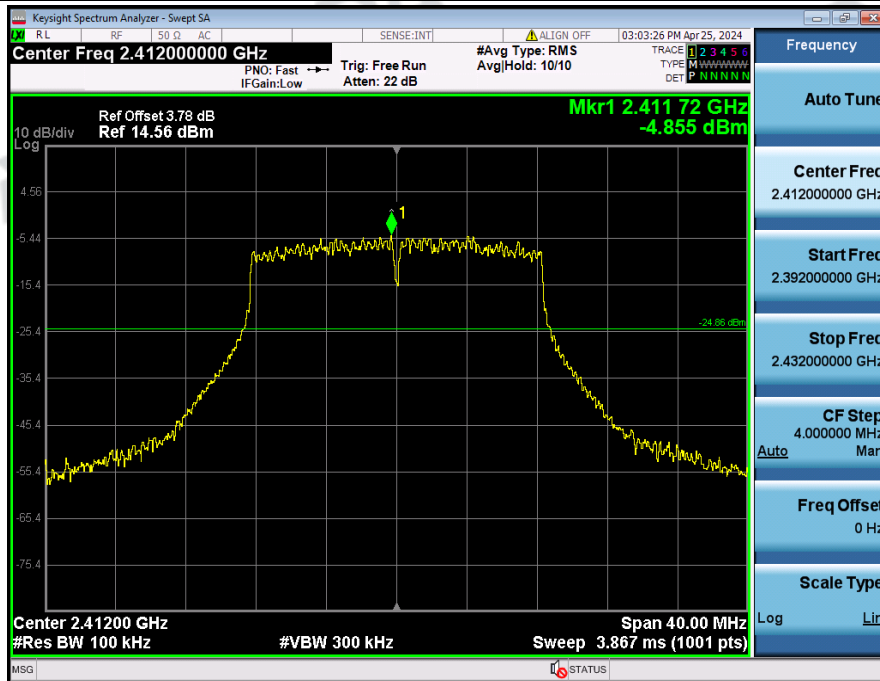
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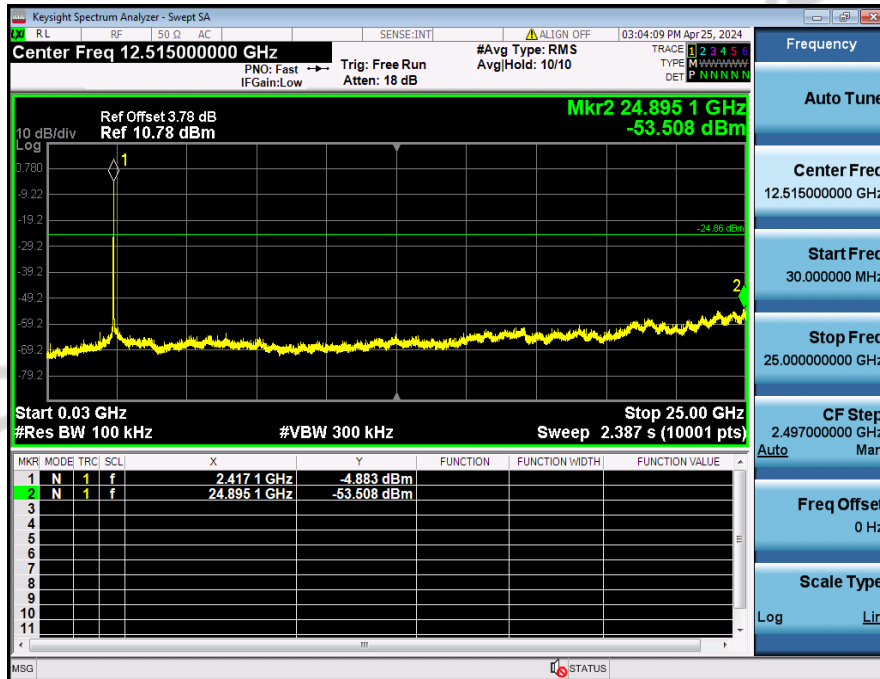
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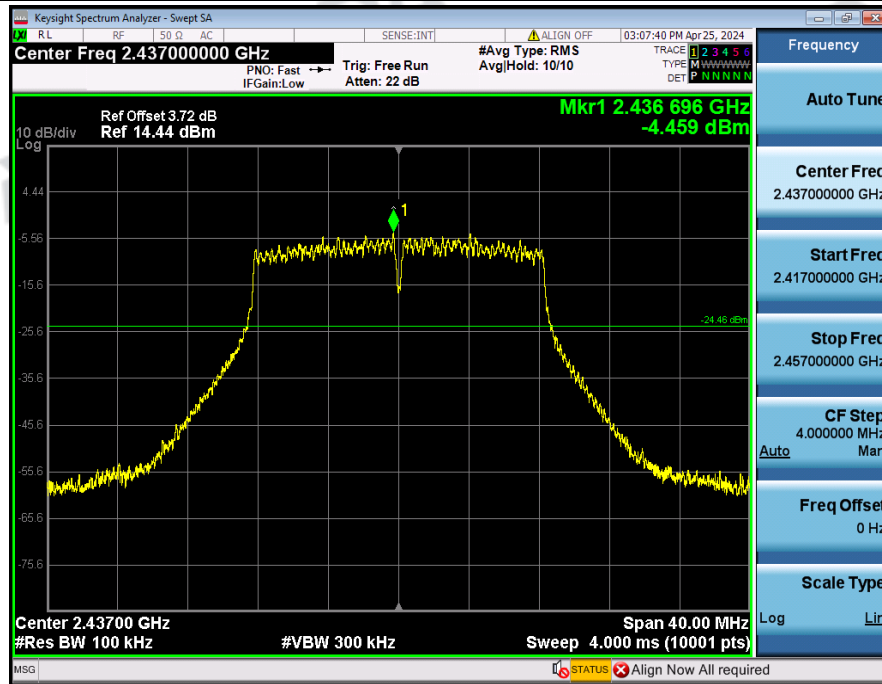
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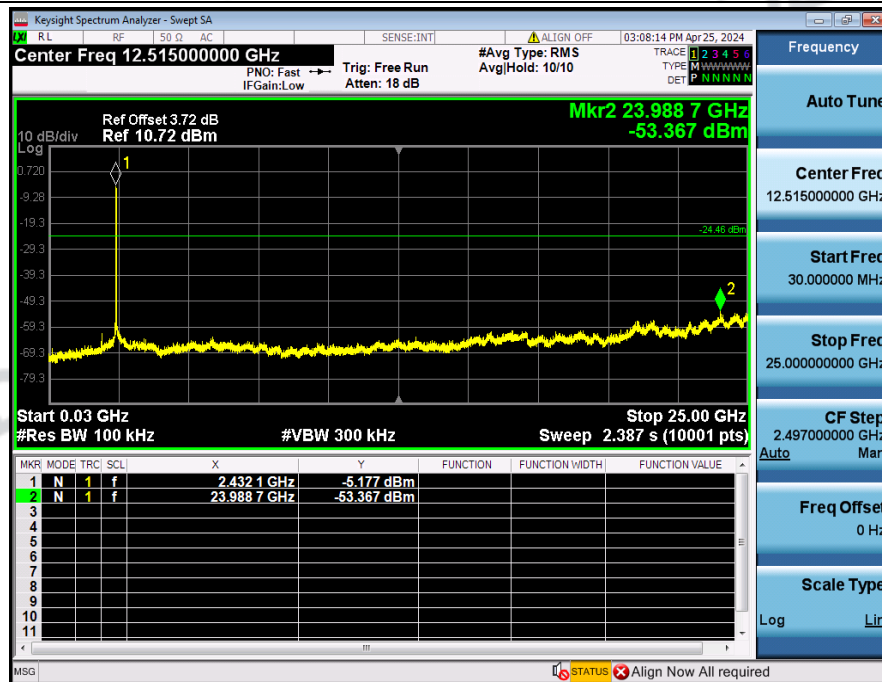
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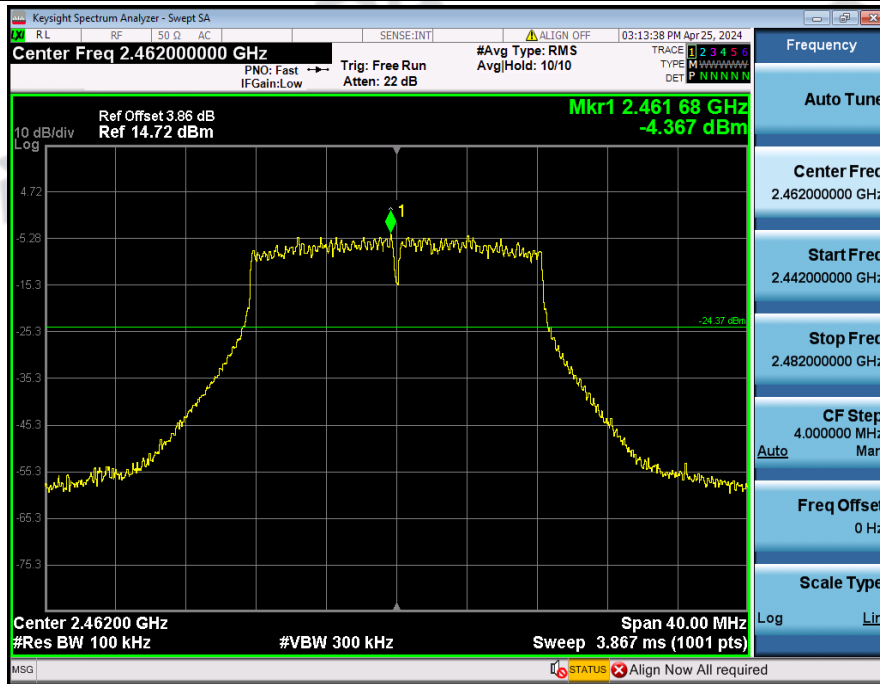
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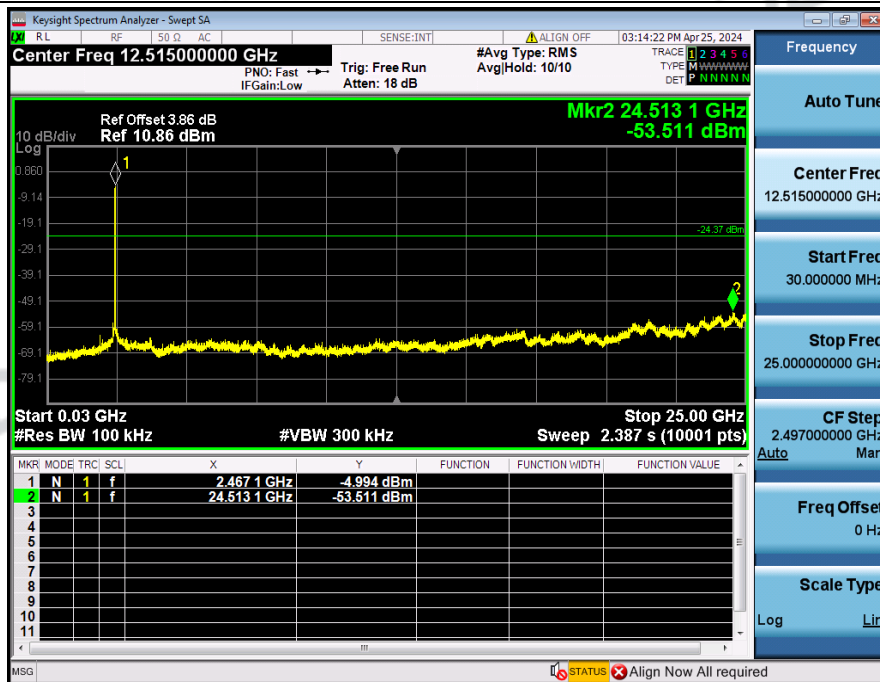
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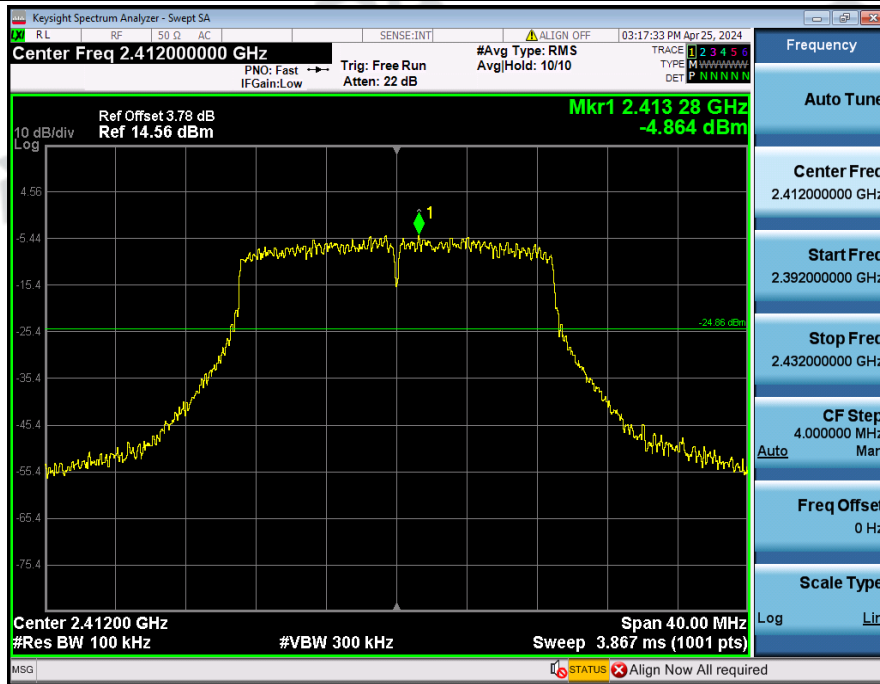
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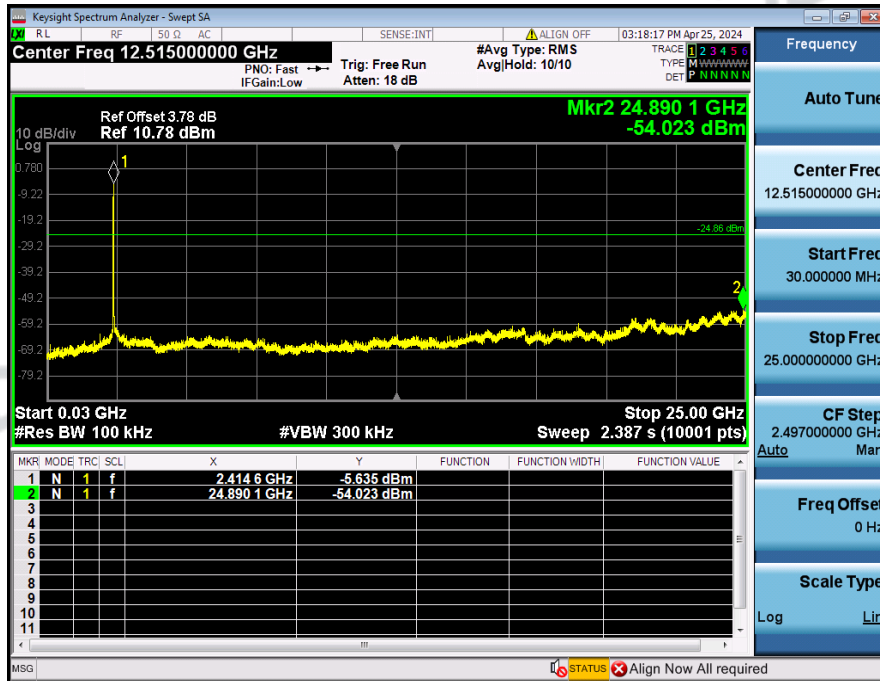
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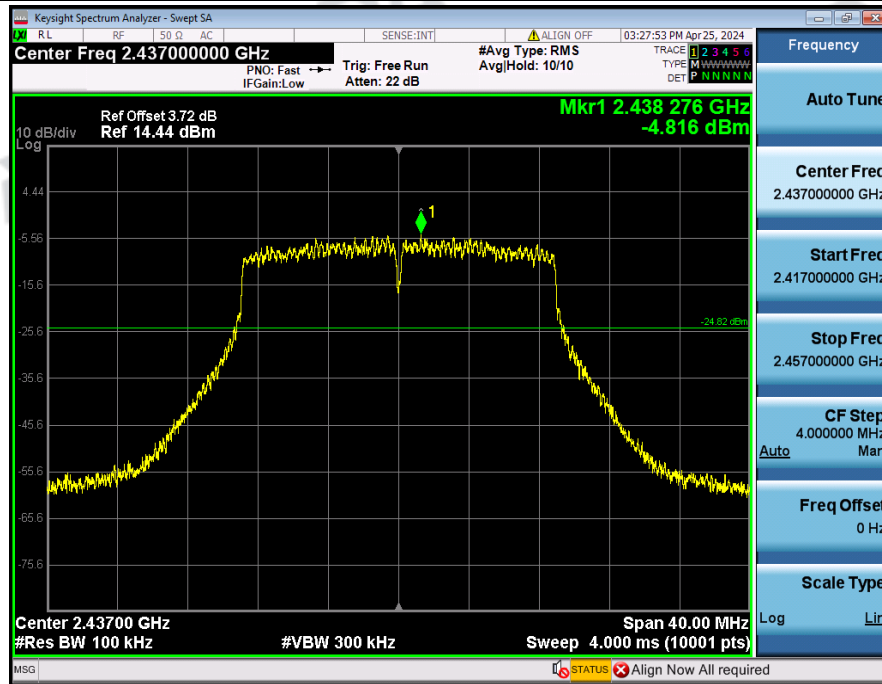
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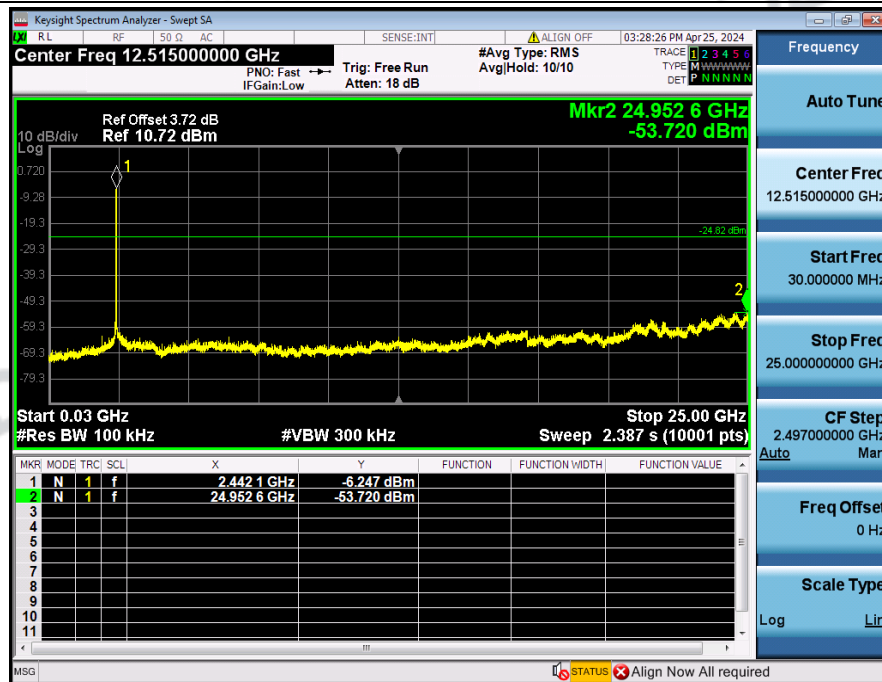
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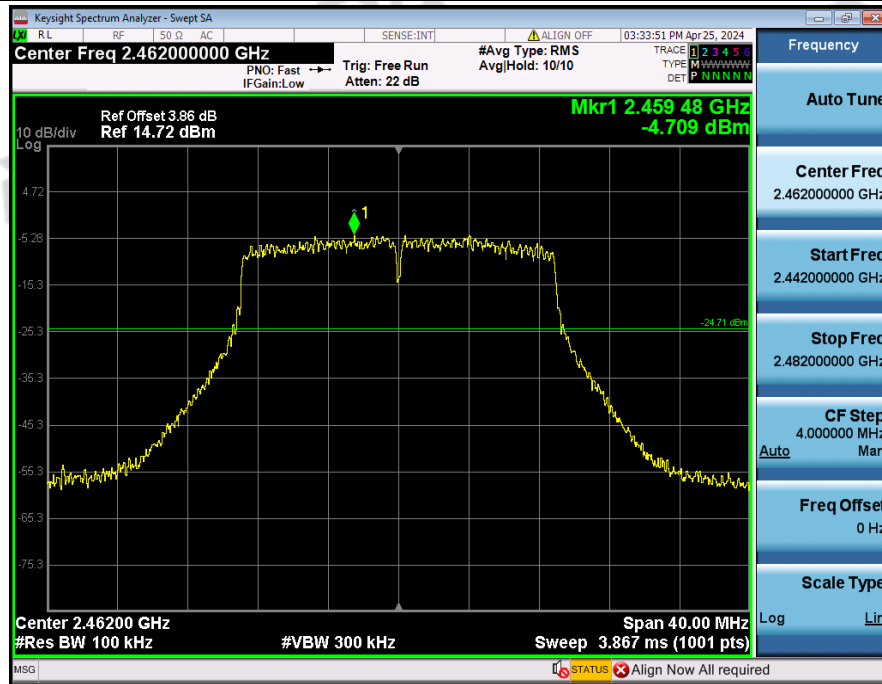
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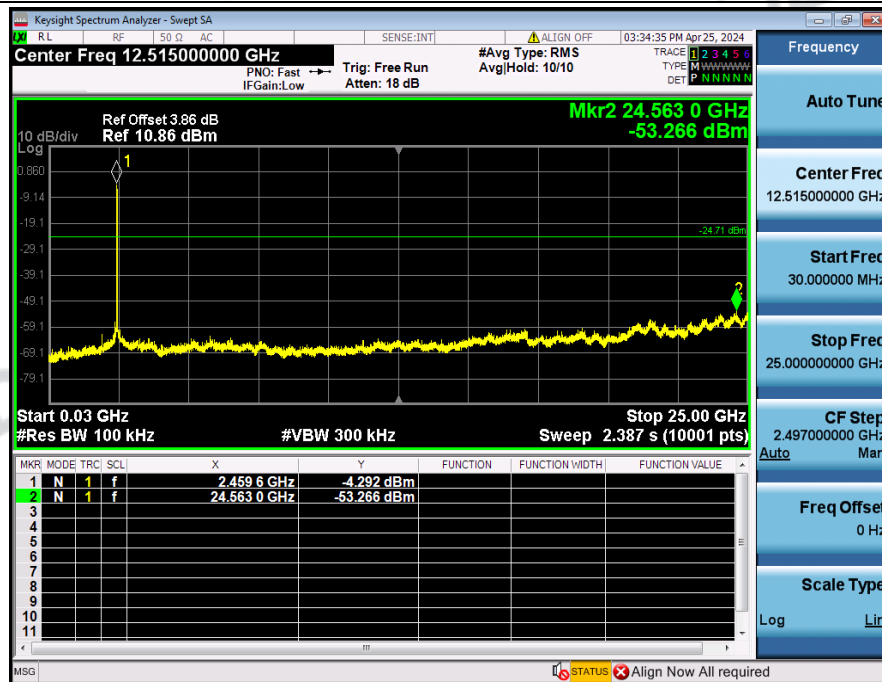
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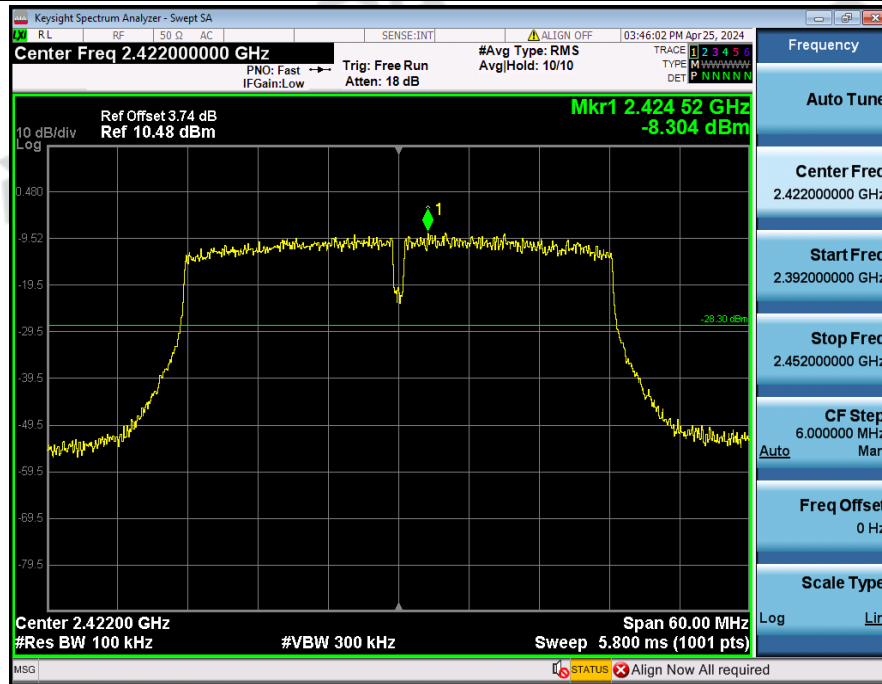
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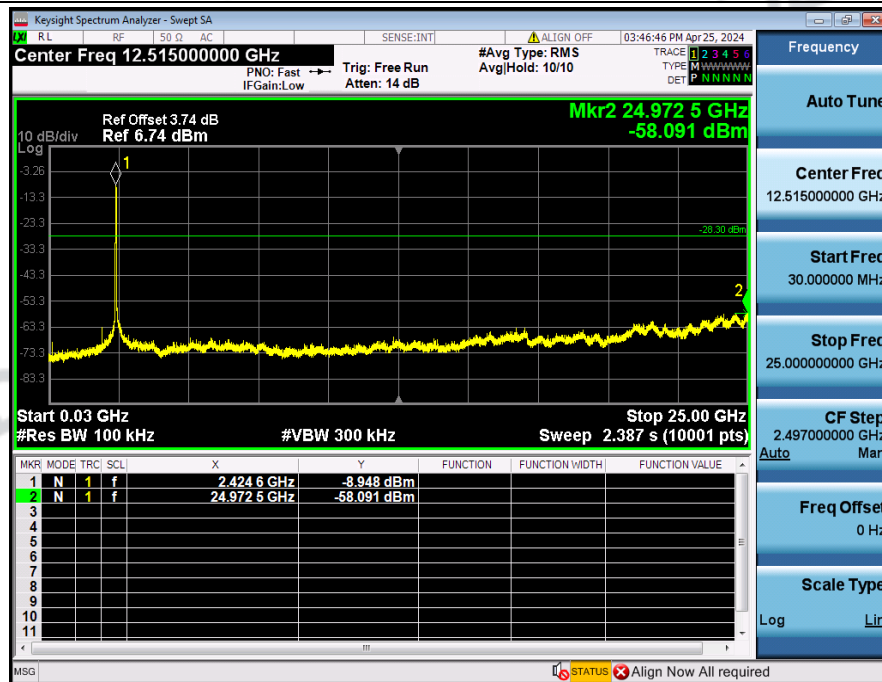
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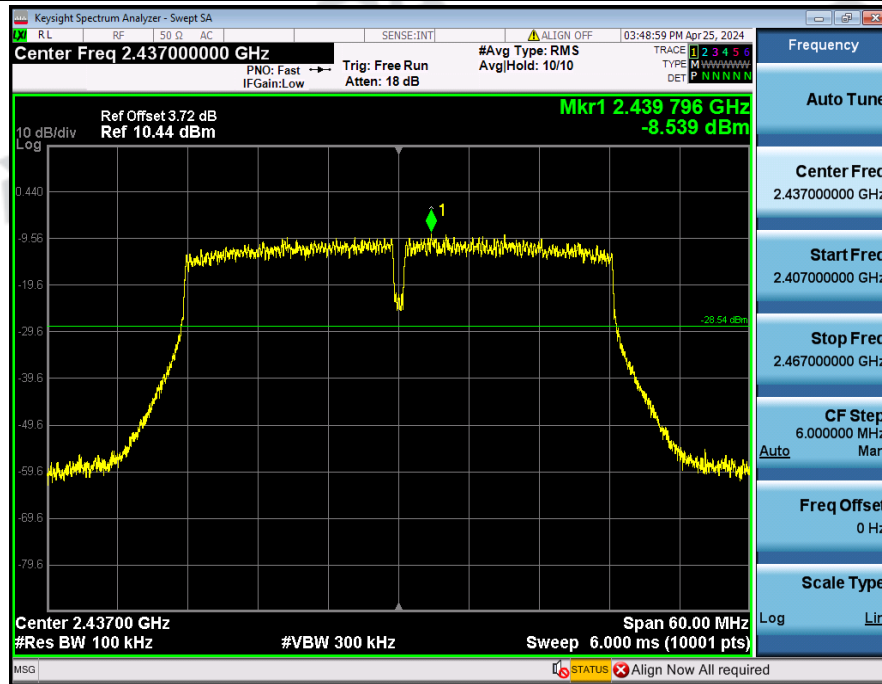
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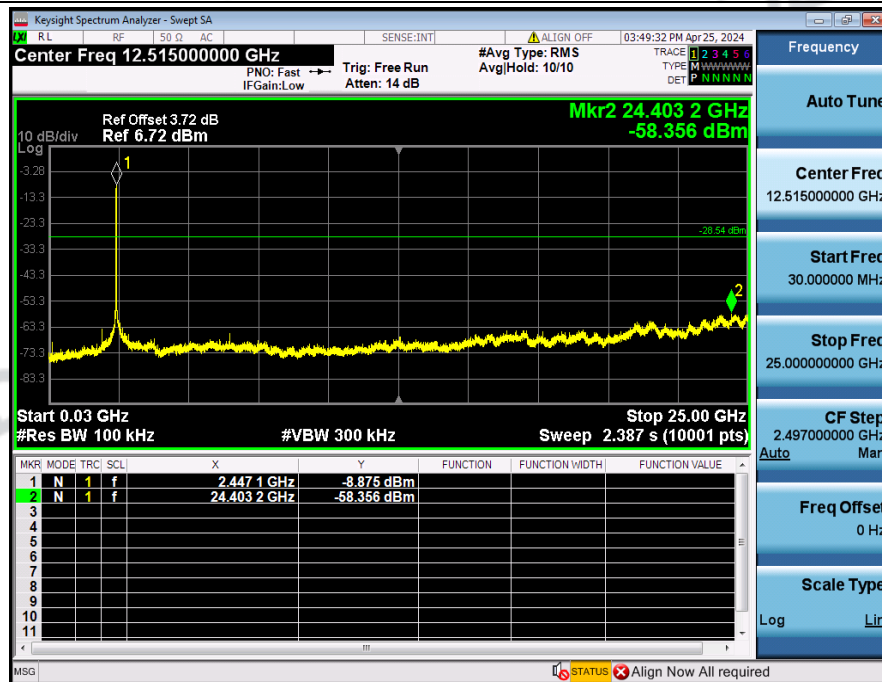
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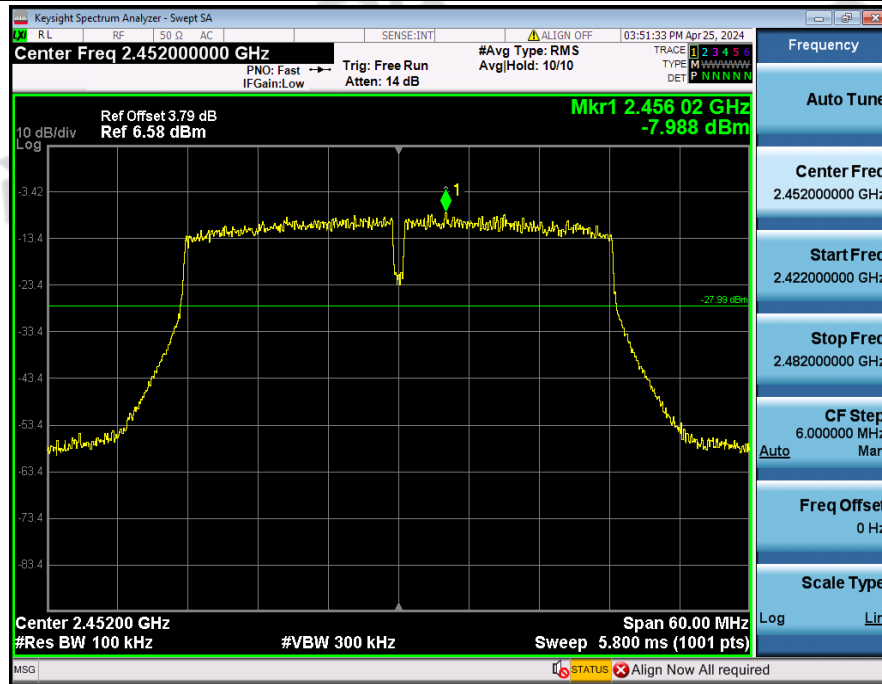
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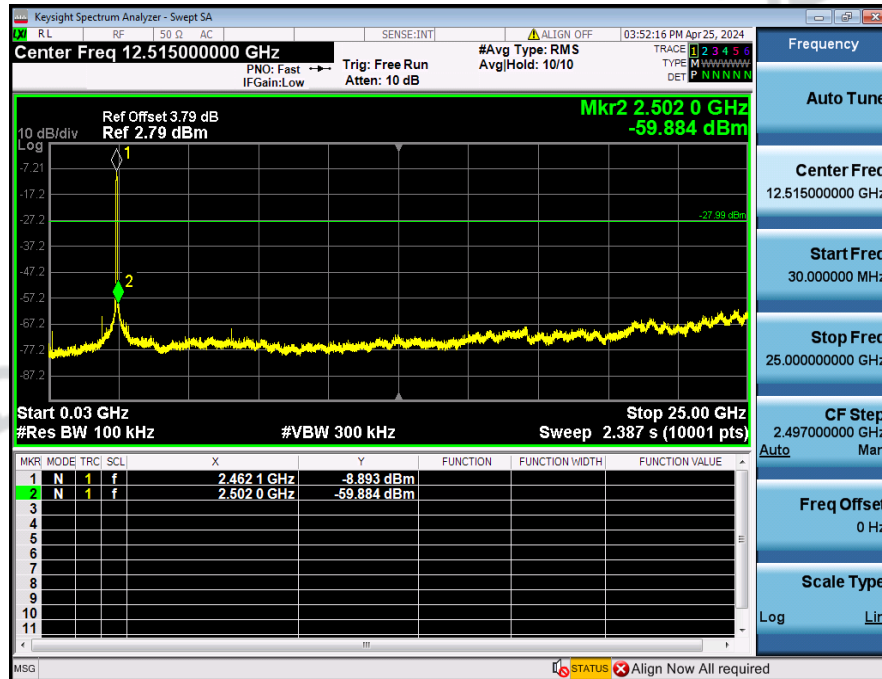
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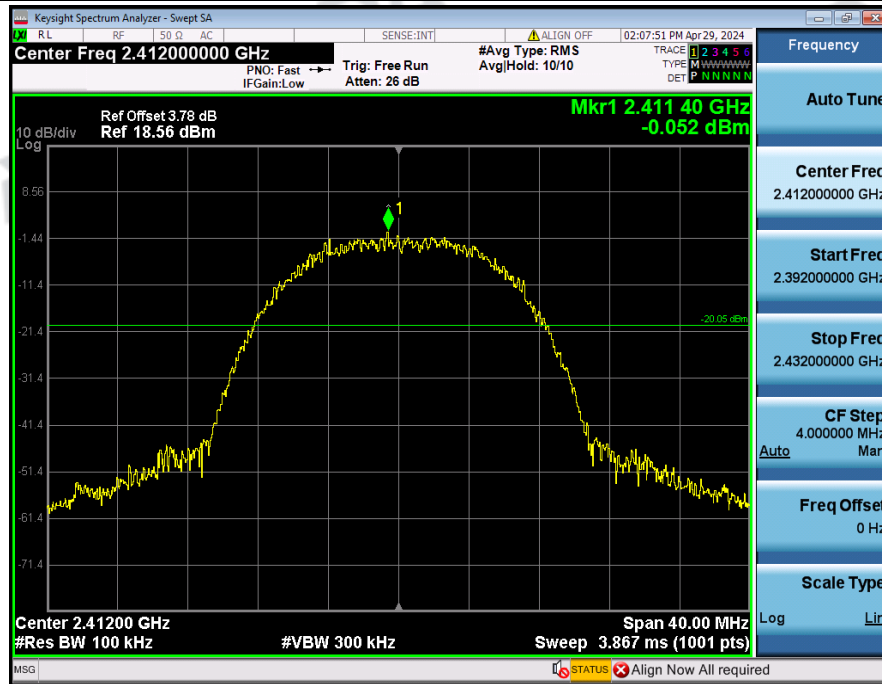
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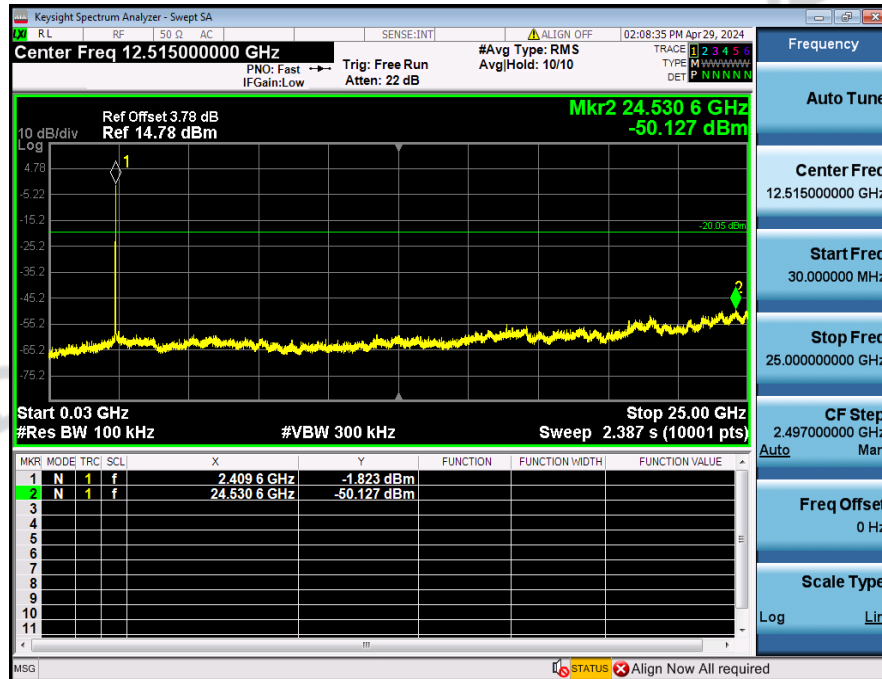
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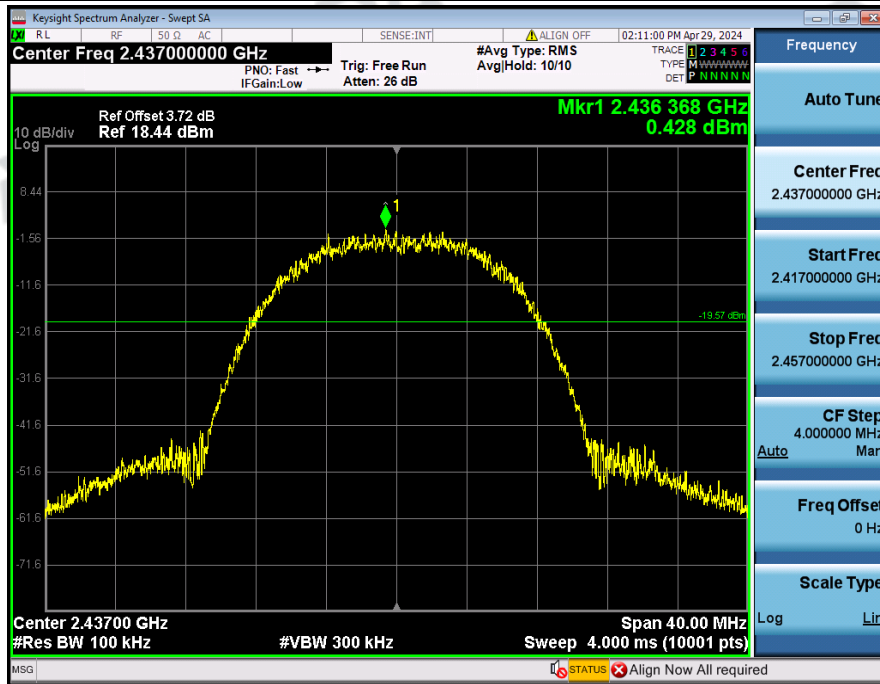
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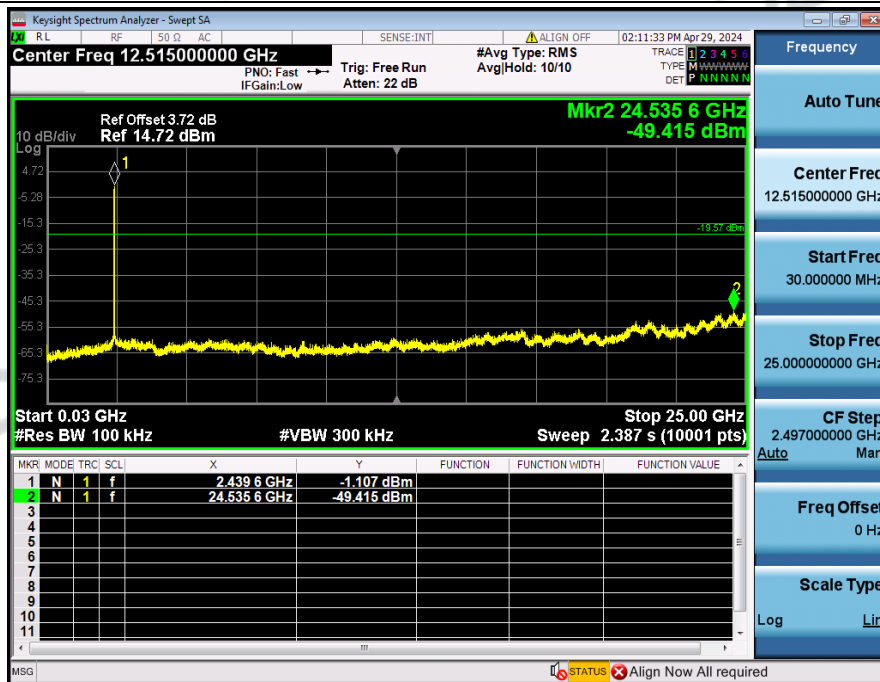
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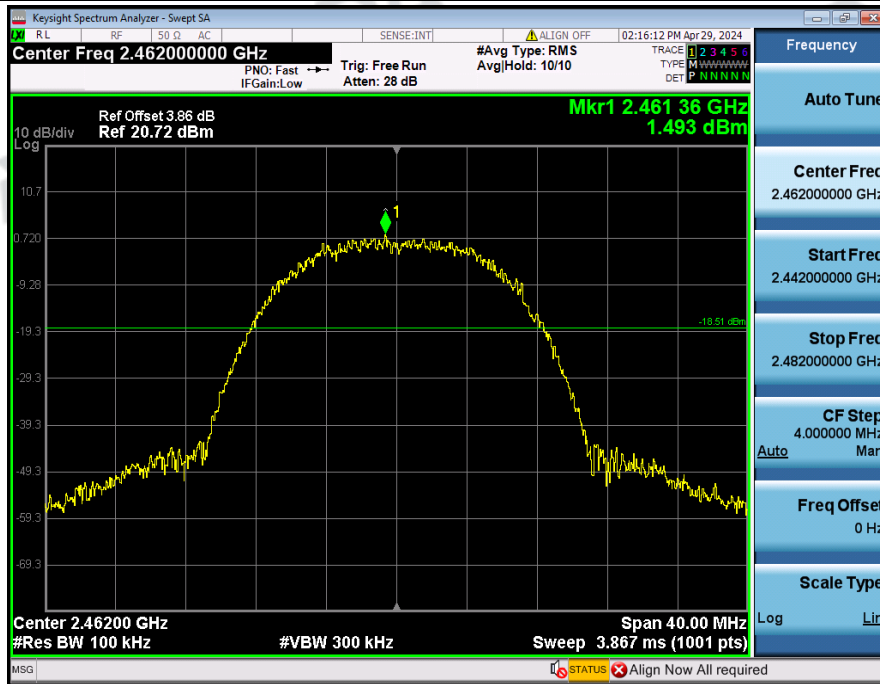
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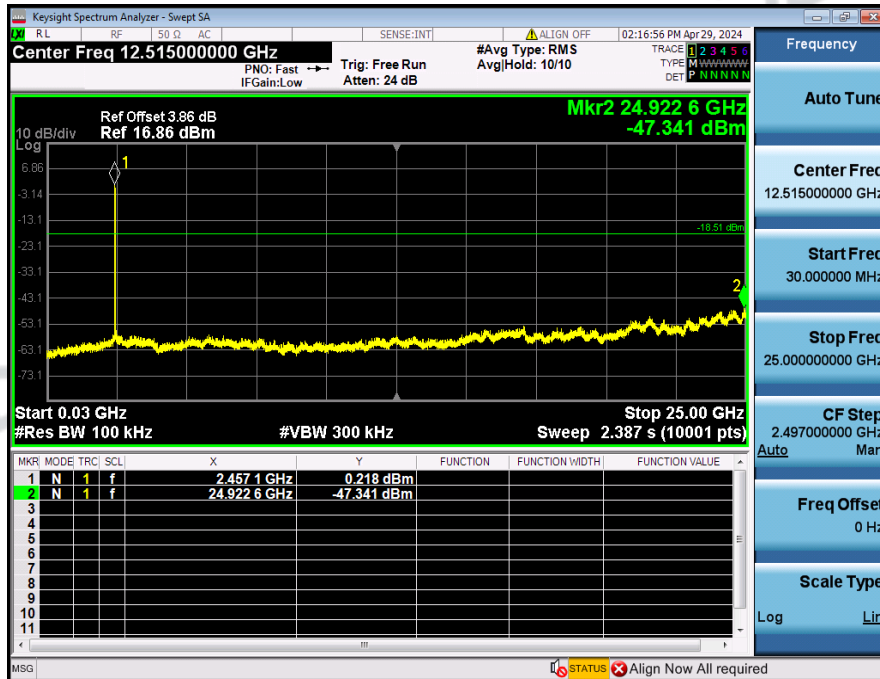
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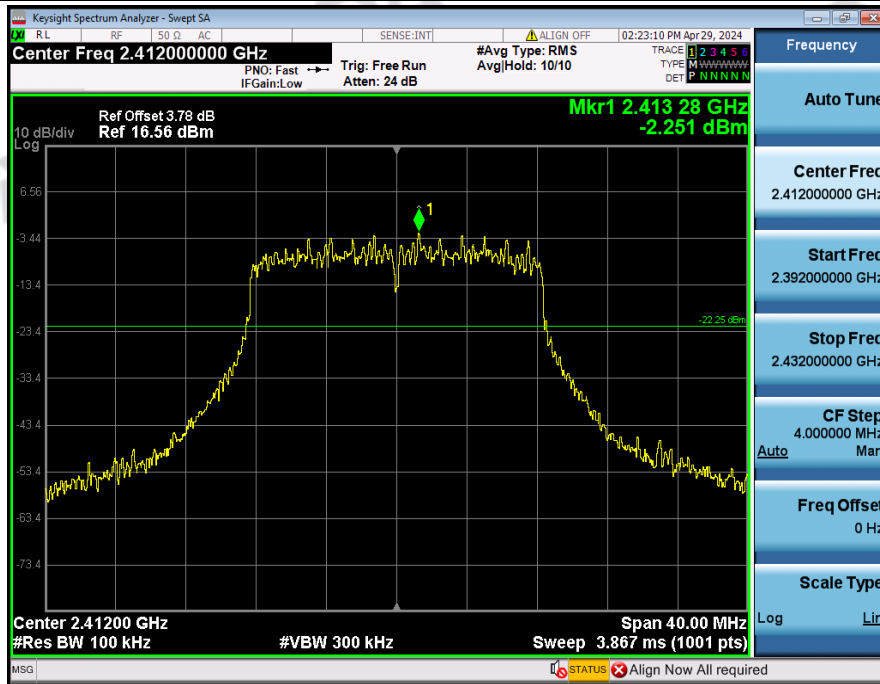
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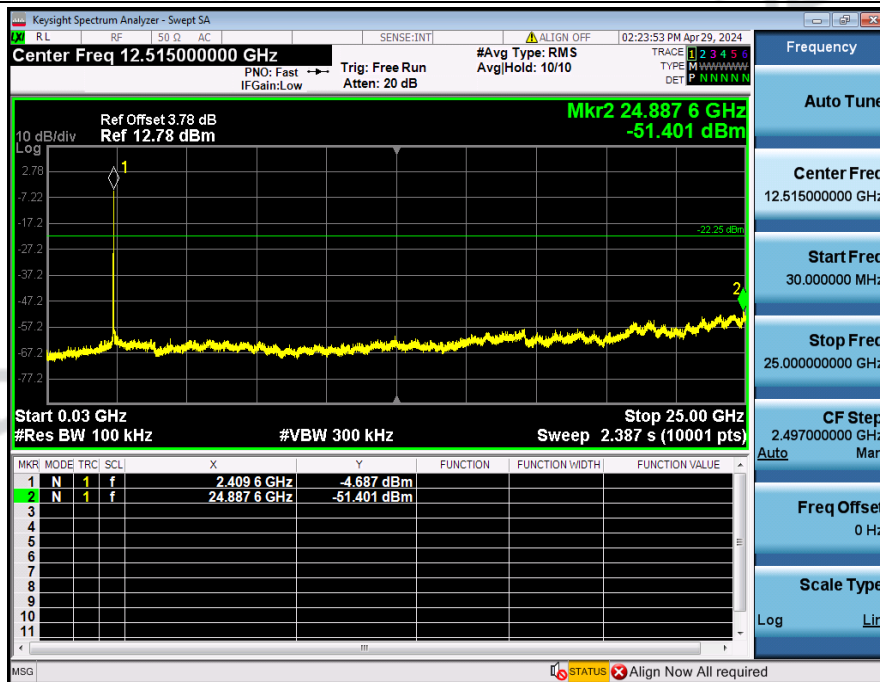
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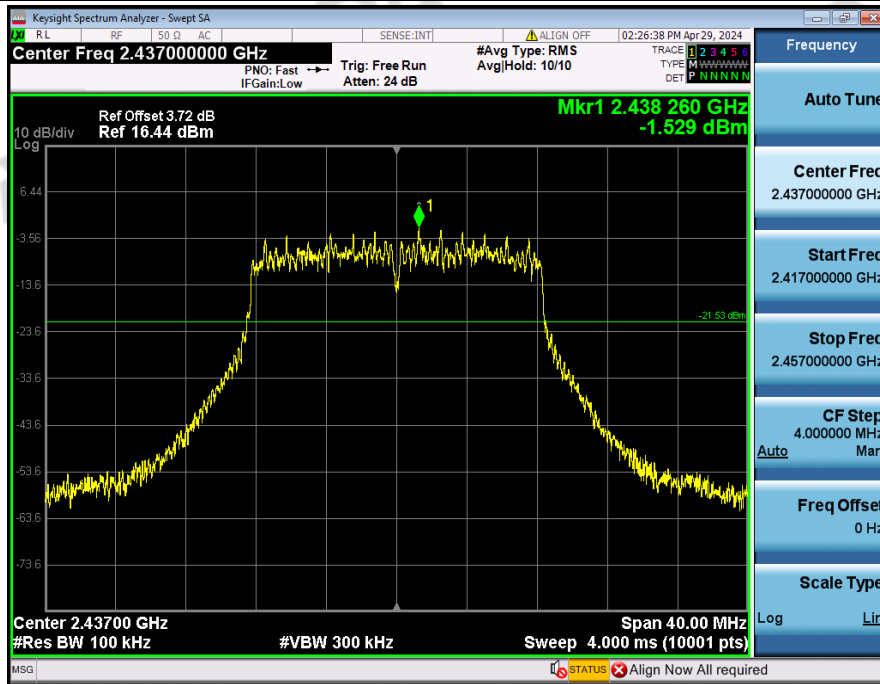
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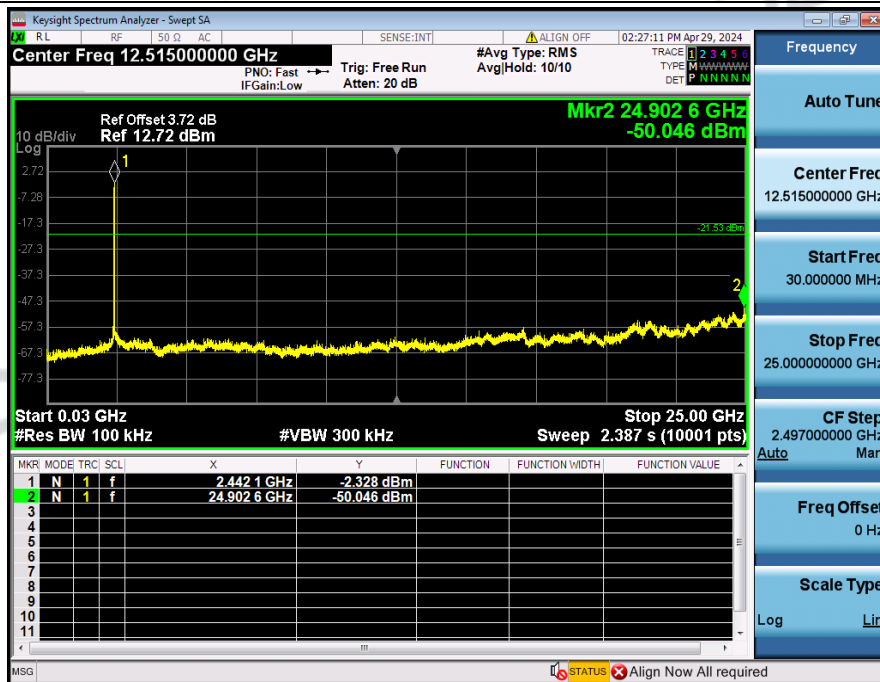
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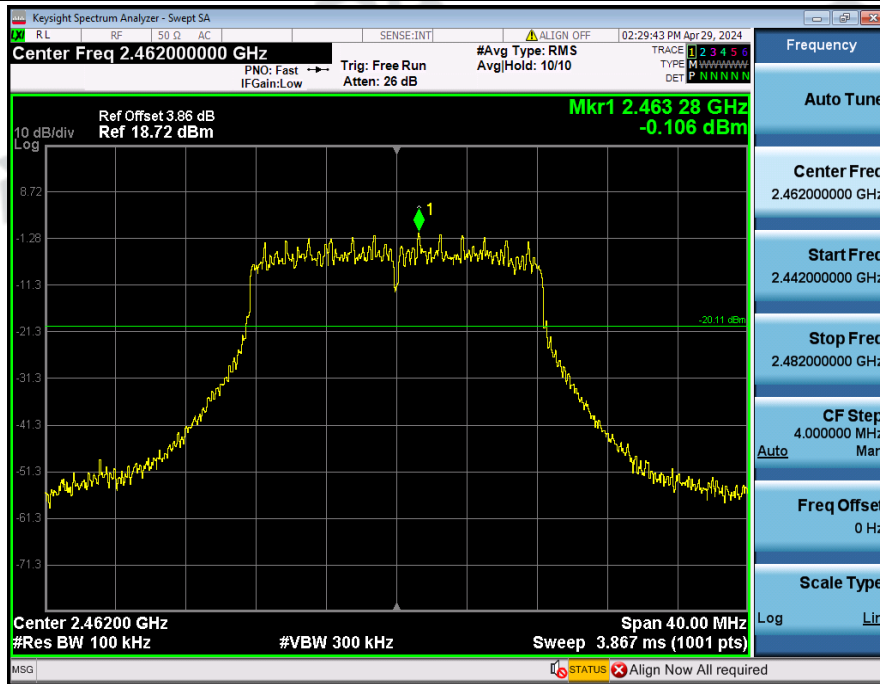
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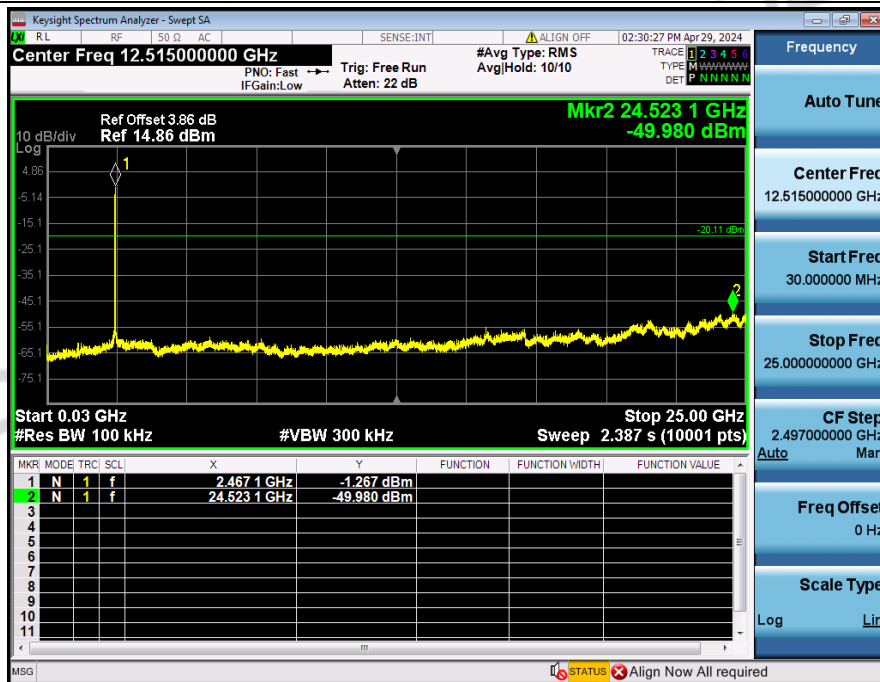
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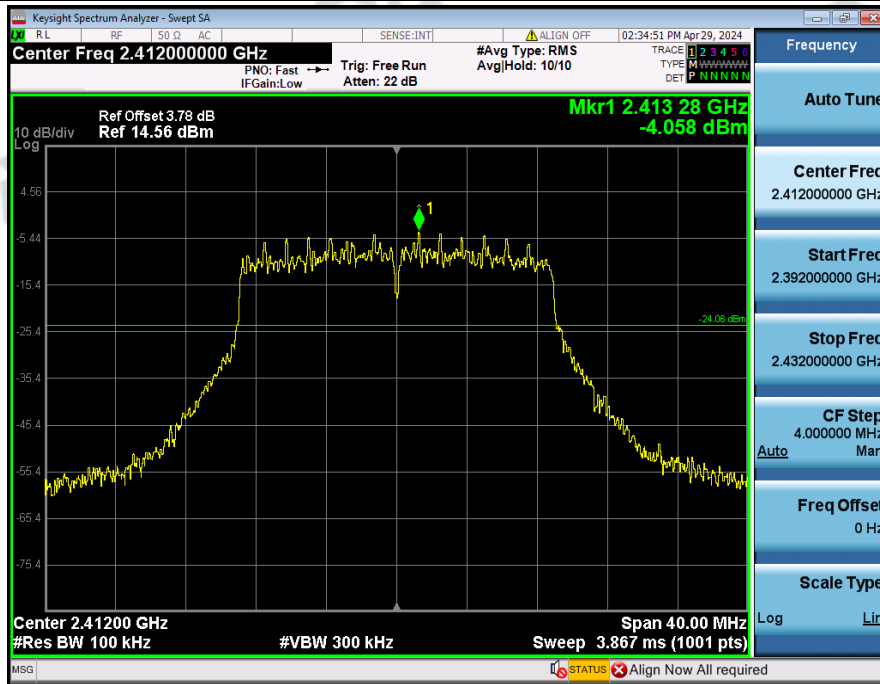
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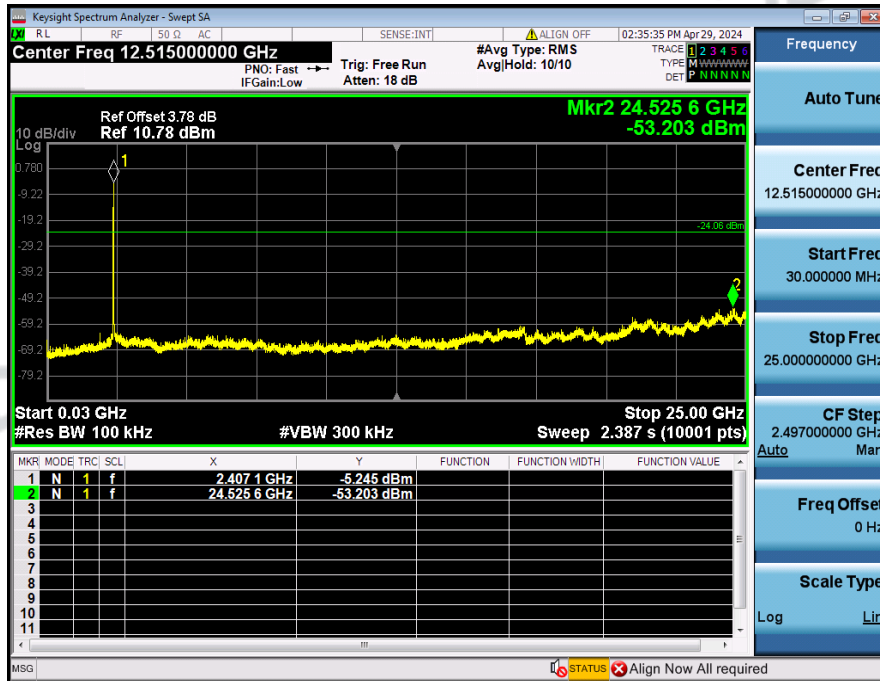
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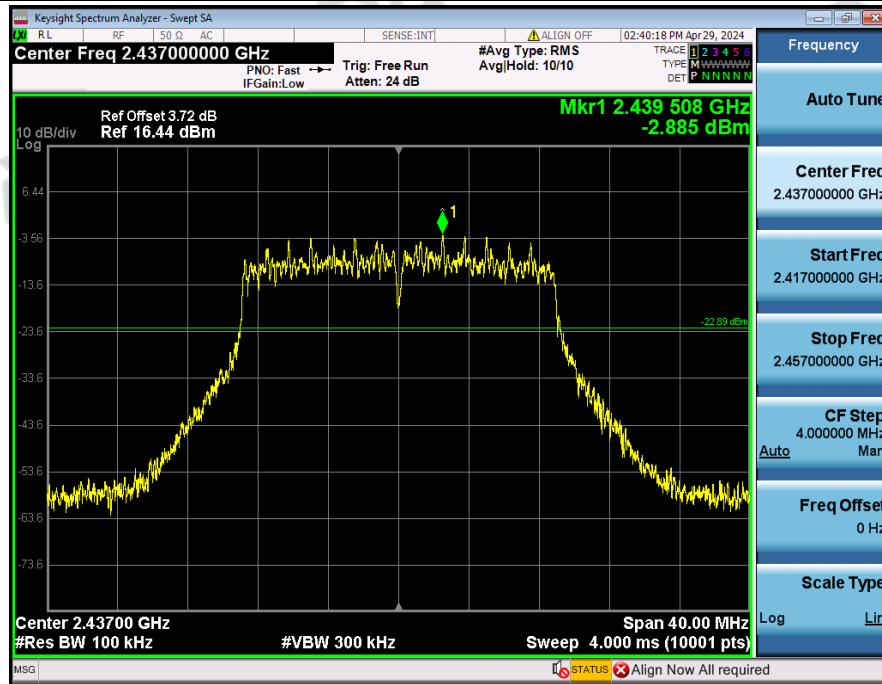
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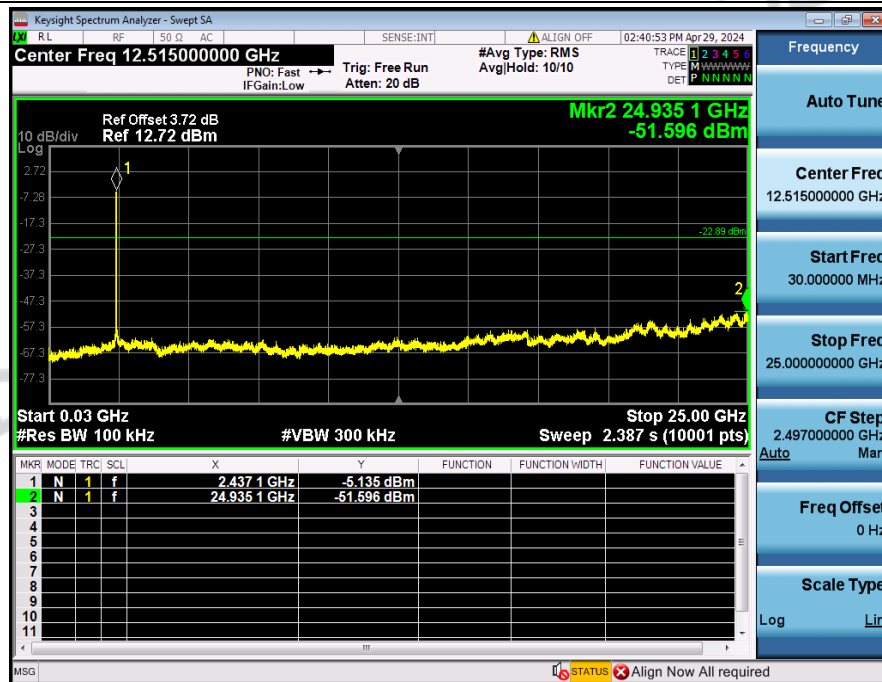
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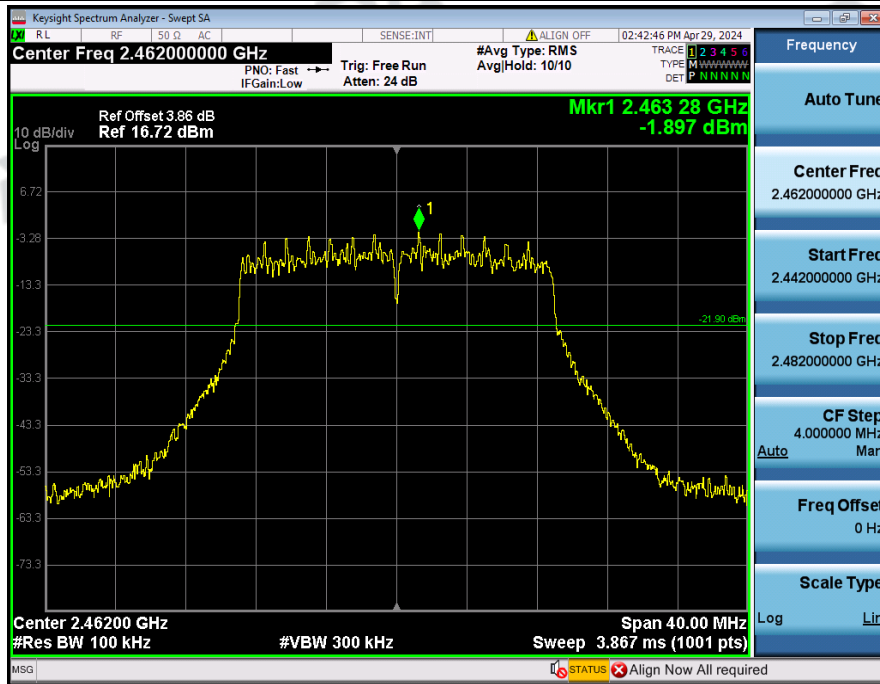
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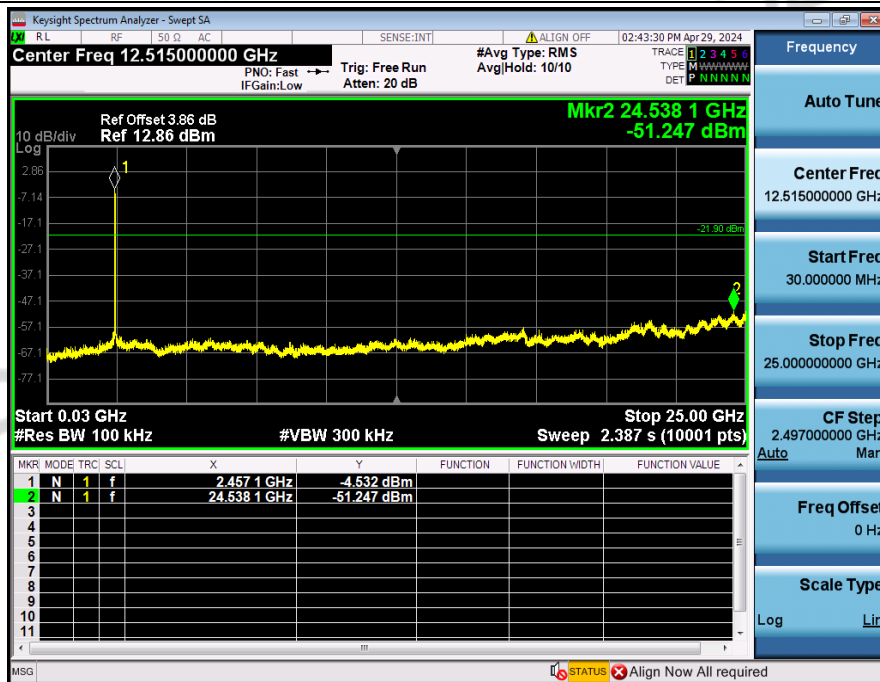
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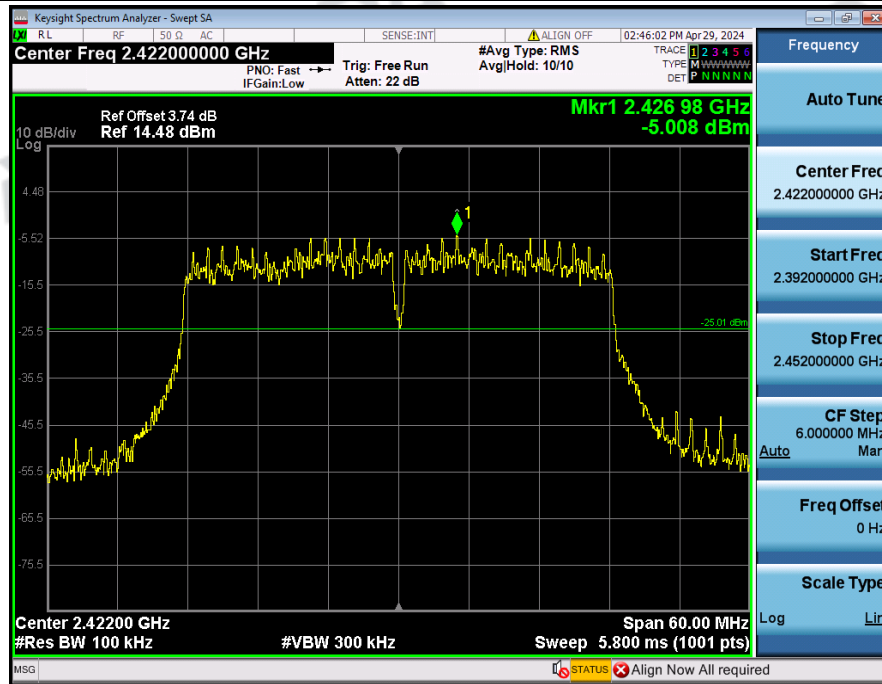
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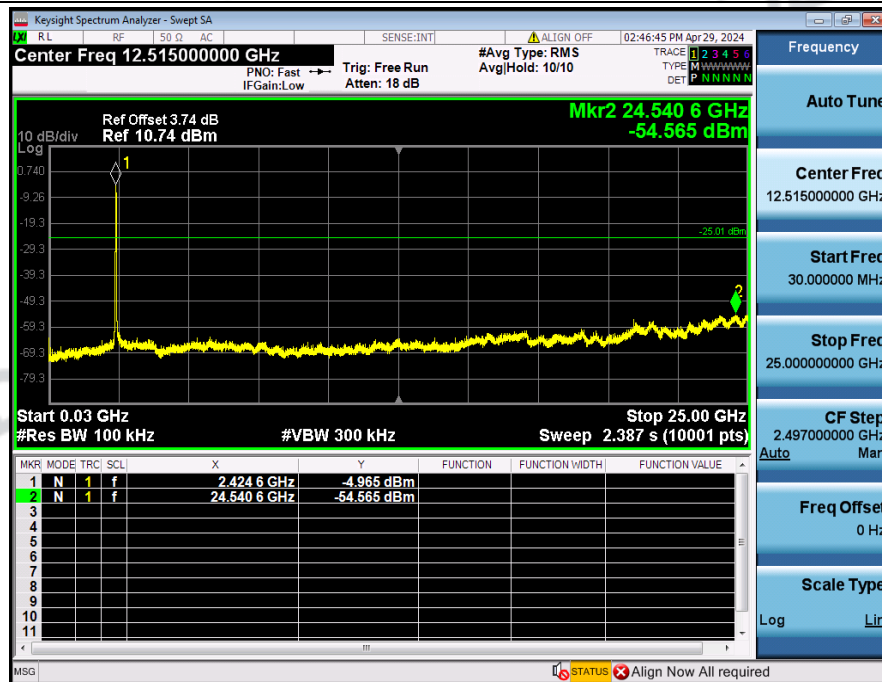
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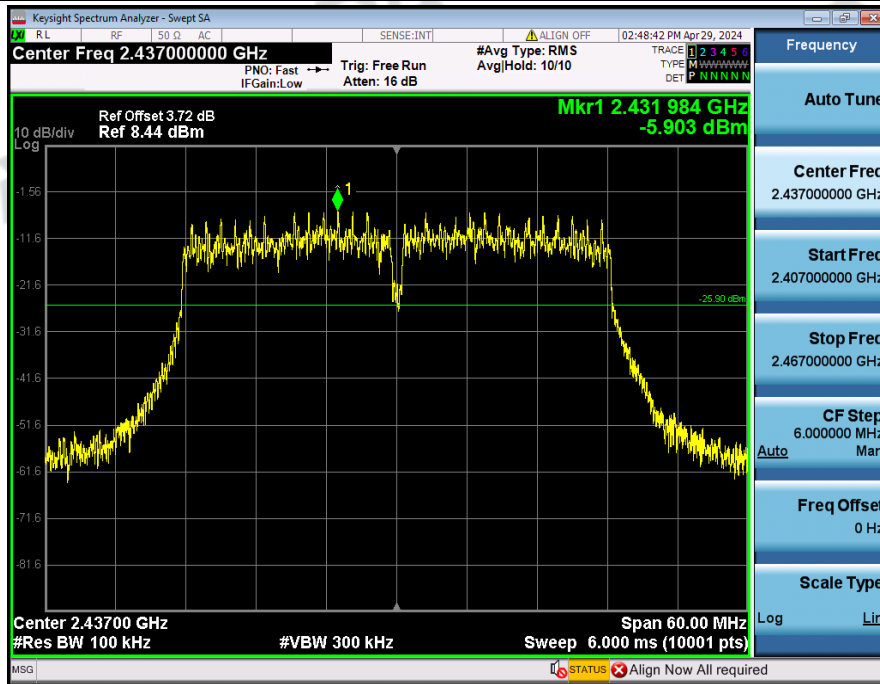
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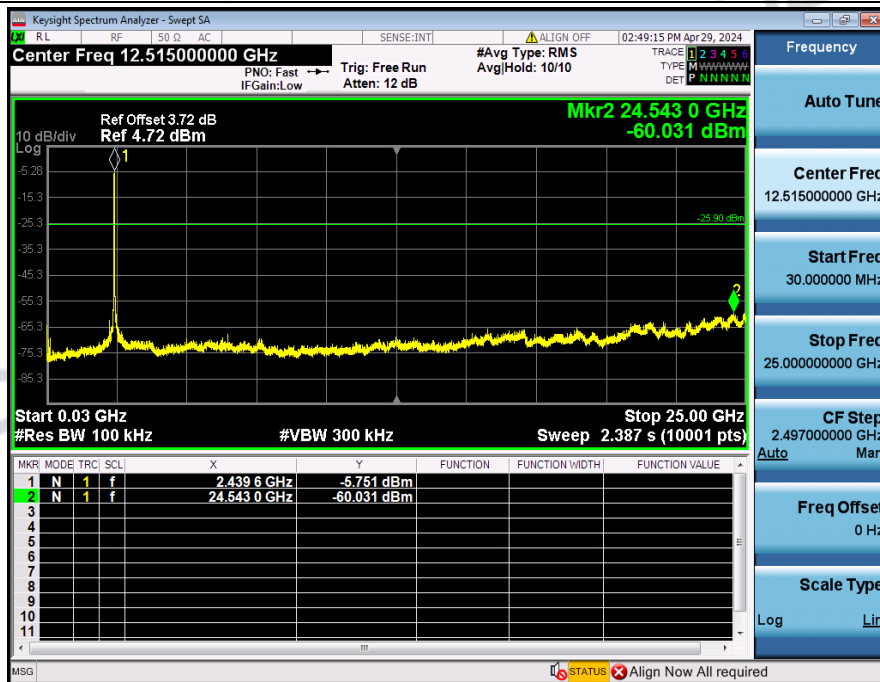
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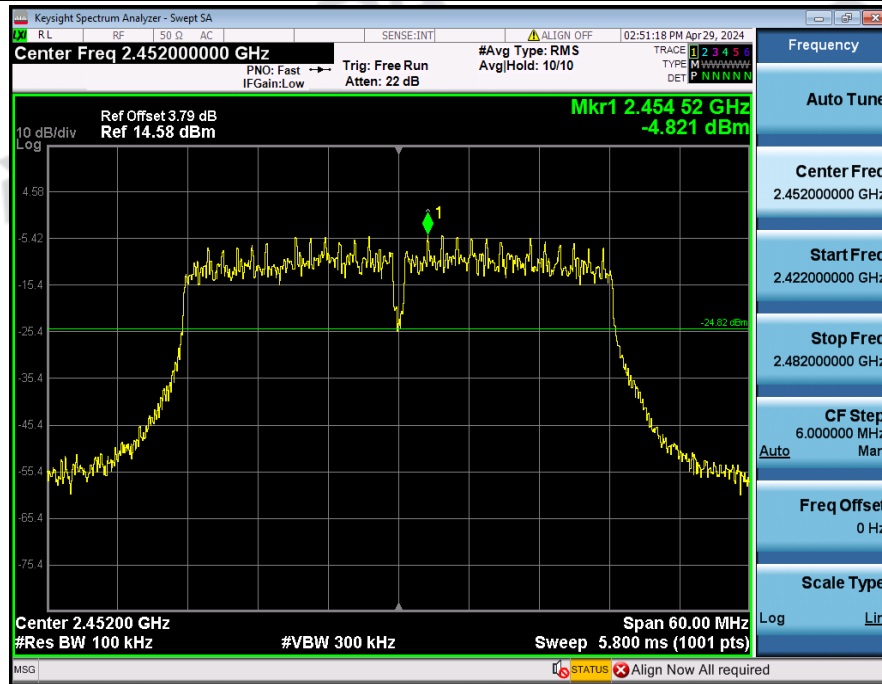
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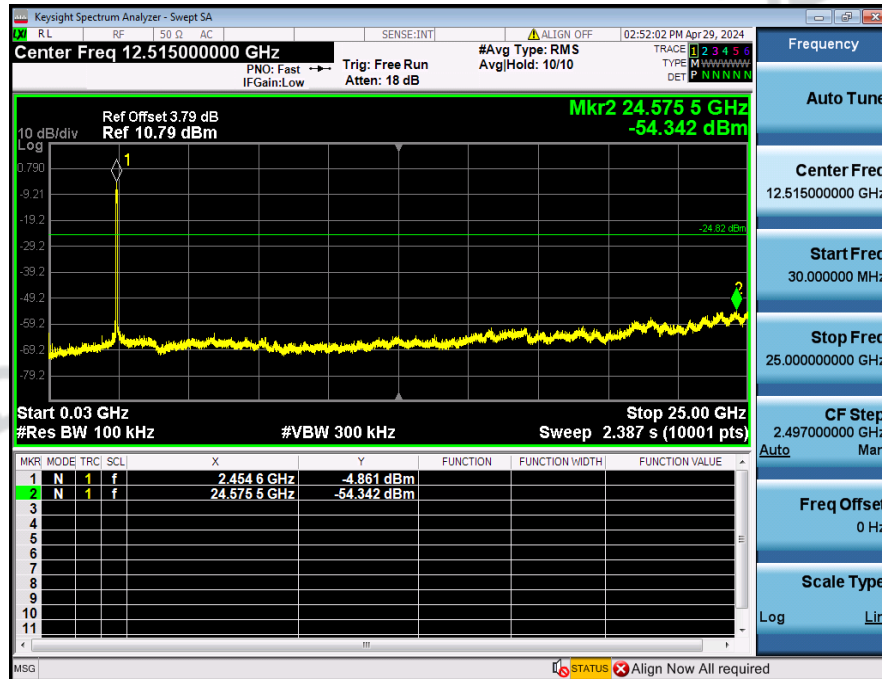
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1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2452



2_Spurious_Emission_NVNT_ANT2_802_11n(HT40)_2452



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