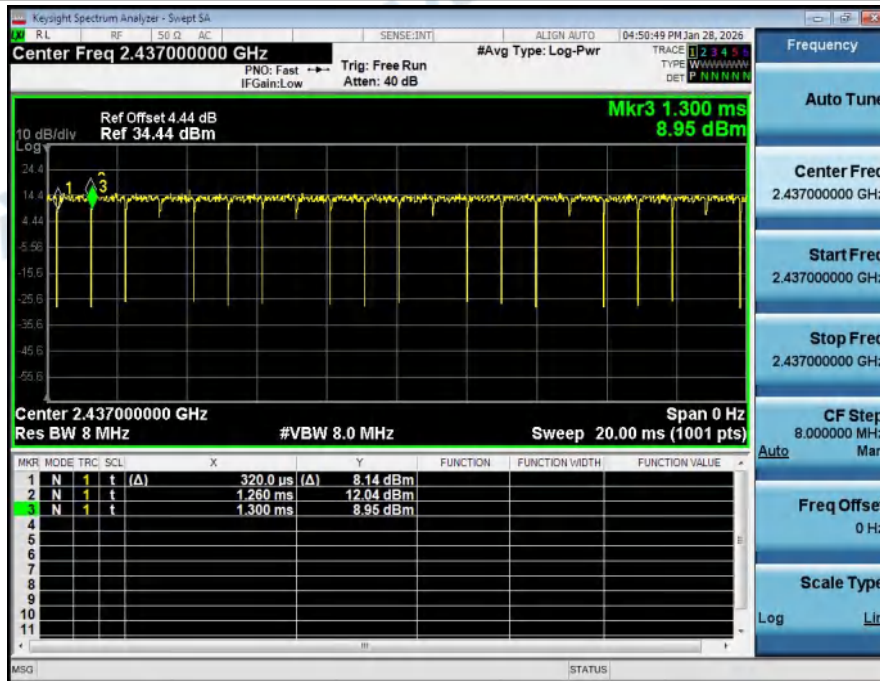
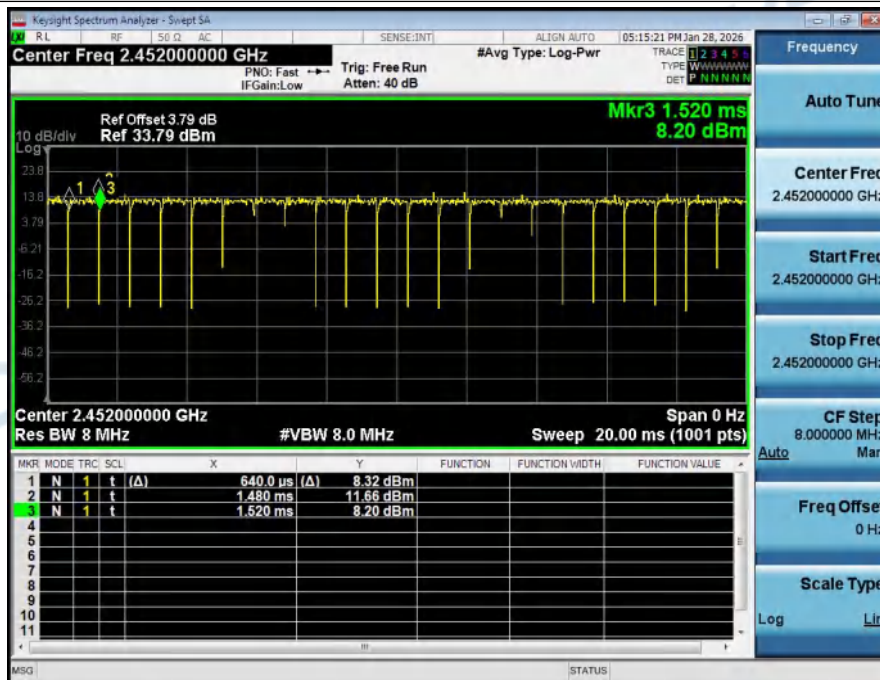


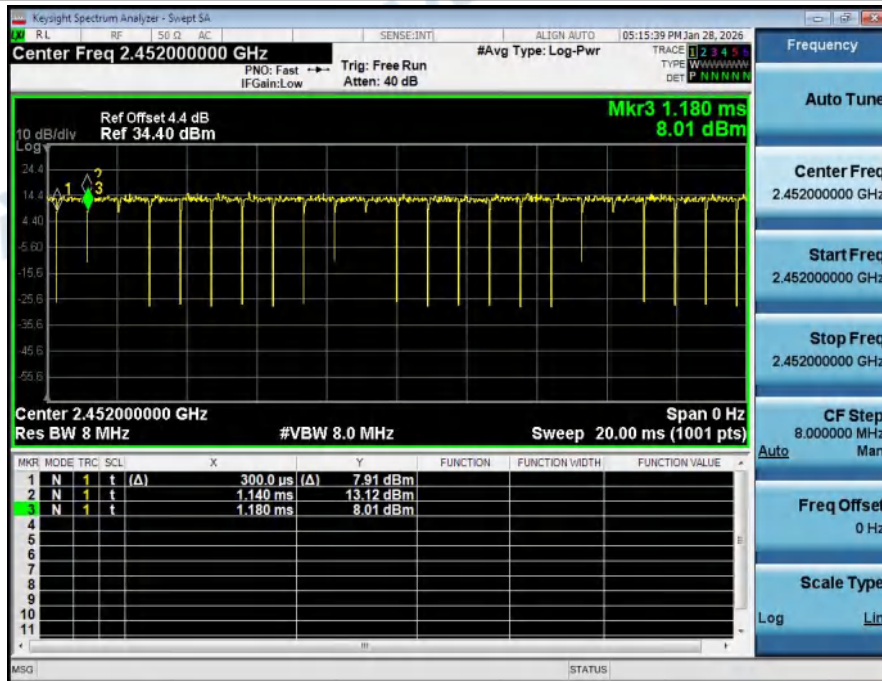
Duty_Cycle_NVNT_ANT2_802_11n(HT40)_2437



Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2452



Duty_Cycle_NVNT_ANT2_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	14.00	N/A	14.00	30	Pass
NVNT	ANT2	802.11b	2412.00	Peak	14.92	N/A	14.92	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	13.80	N/A	13.80	30	Pass
NVNT	ANT2	802.11b	2437.00	Peak	14.69	N/A	14.69	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	13.74	N/A	13.74	30	Pass
NVNT	ANT2	802.11b	2462.00	Peak	14.82	N/A	14.82	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	18.46	N/A	18.46	30	Pass
NVNT	ANT2	802.11g	2412.00	Peak	19.00	N/A	19.00	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	18.11	N/A	18.11	30	Pass
NVNT	ANT2	802.11g	2437.00	Peak	18.82	N/A	18.82	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	18.08	N/A	18.08	30	Pass
NVNT	ANT2	802.11g	2462.00	Peak	18.85	N/A	18.85	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	18.32	N/A	18.32	30	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	Peak	19.15	N/A	19.15	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	18.05	N/A	18.05	30	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	Peak	18.95	N/A	18.95	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	17.98	N/A	17.98	30	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	Peak	19.01	N/A	19.01	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	18.19	N/A	18.19	30	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	Peak	19.01	N/A	19.01	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	17.75	N/A	17.75	30	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	Peak	18.73	N/A	18.73	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	18.52	N/A	18.52	30	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	Peak	19.33	N/A	19.33	30	Pass

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	2412.00	21.76	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	2437.00	21.54	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	2462.00	21.54	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2422.00	21.63	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2437.00	21.28	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2452.00	21.95	30	Pass

5. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	SA_PSD(dBm/30kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	1.51	8	Pass
NVNT	ANT2	802.11b	2412.00	2.52	8	Pass
NVNT	ANT1	802.11b	2437.00	1.25	8	Pass
NVNT	ANT2	802.11b	2437.00	2.21	8	Pass
NVNT	ANT1	802.11b	2462.00	1.14	8	Pass
NVNT	ANT2	802.11b	2462.00	2.36	8	Pass
NVNT	ANT1	802.11g	2412.00	-2.94	8	Pass
NVNT	ANT2	802.11g	2412.00	-2.56	8	Pass
NVNT	ANT1	802.11g	2437.00	-3.67	8	Pass
NVNT	ANT2	802.11g	2437.00	-2.49	8	Pass
NVNT	ANT1	802.11g	2462.00	-3.49	8	Pass
NVNT	ANT2	802.11g	2462.00	-2.61	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-3.45	8	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	-1.73	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-3.96	8	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	-3.40	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-3.96	8	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	-2.76	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-7.15	8	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	-4.99	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-6.90	8	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	-5.84	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-5.55	8	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	-6.51	8	Pass

Power_Spectral_Density_NVNT_ANT1_802_11b_2412



Power_Spectral_Density_NVNT_ANT2_802_11b_2412



Power_Spectral_Density_NVNT_ANT1_802_11b_2437



Power_Spectral_Density_NVNT_ANT2_802_11b_2437



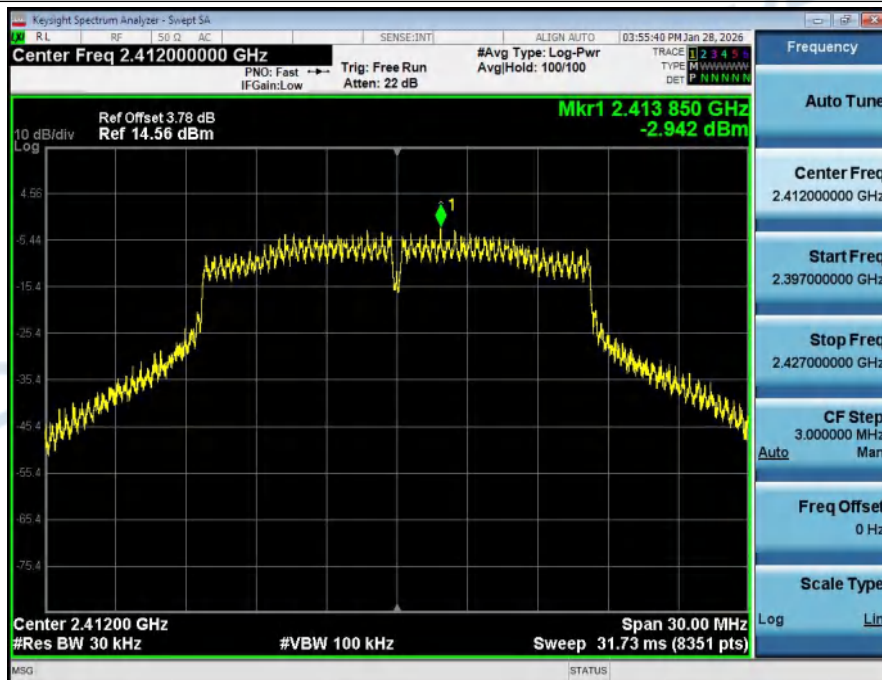
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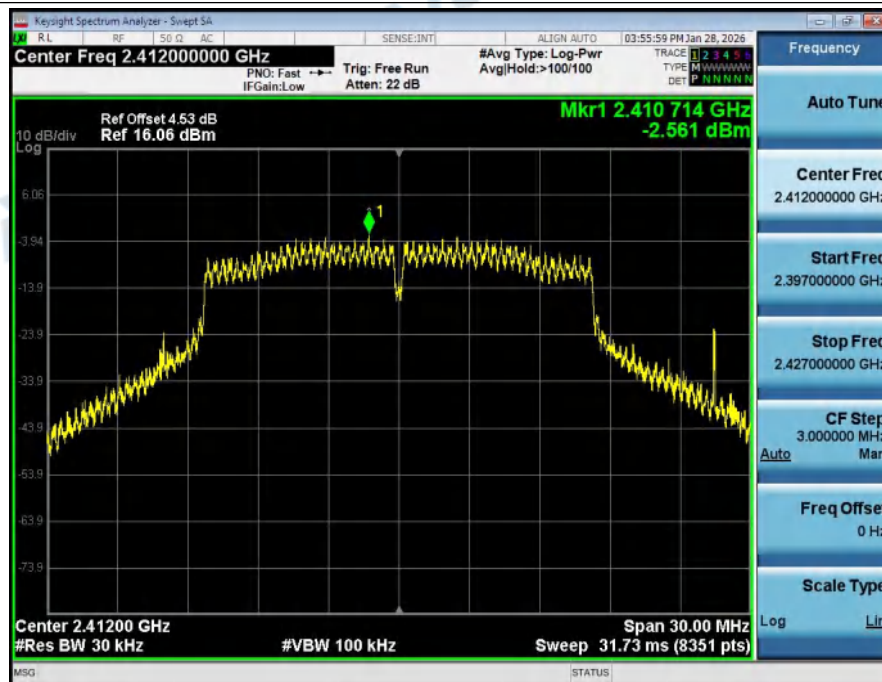
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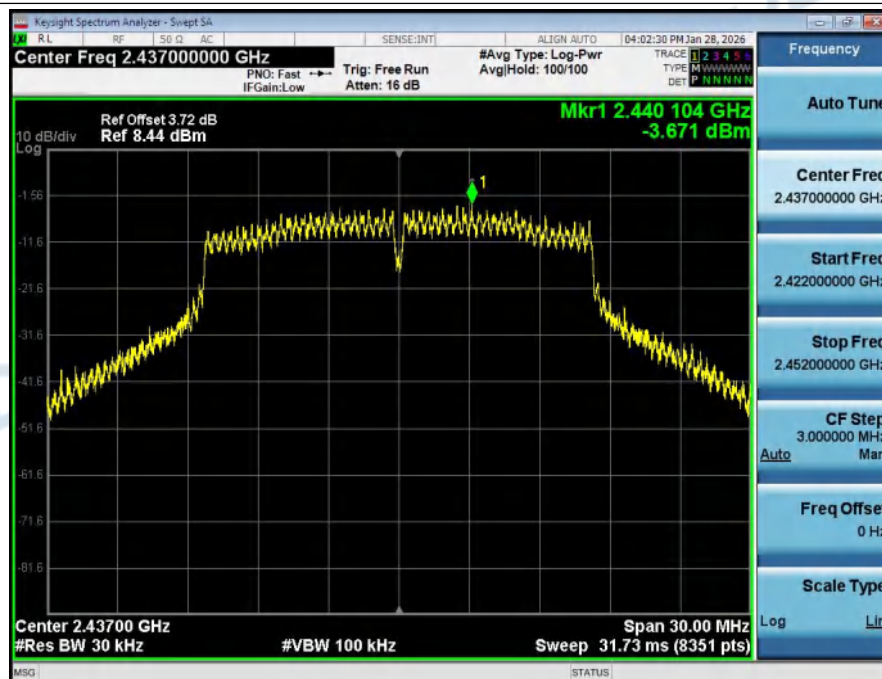
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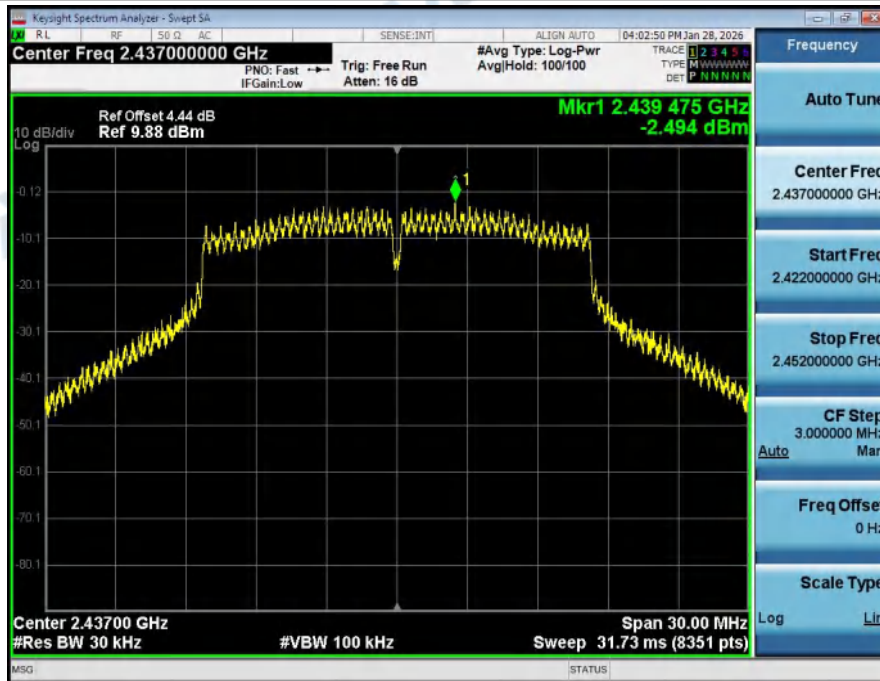
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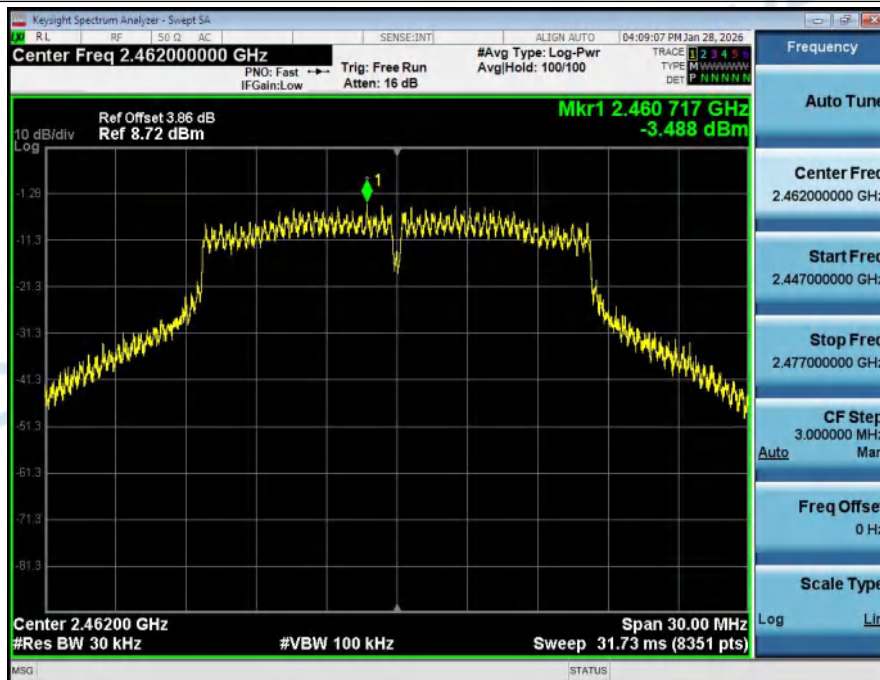
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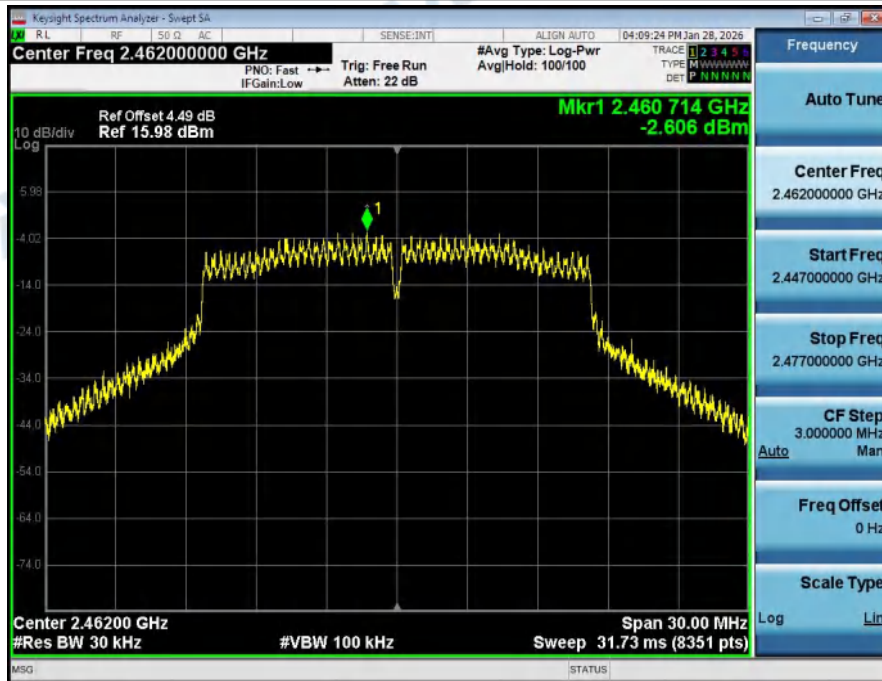
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Power_Spectral_Density_NVNT_ANT1_802_11g_2462



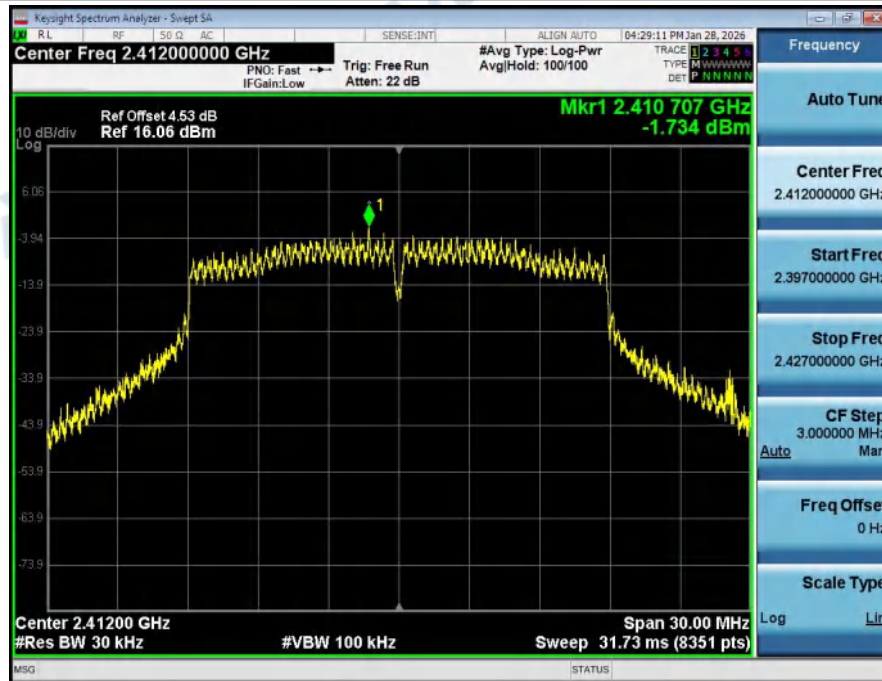
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Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



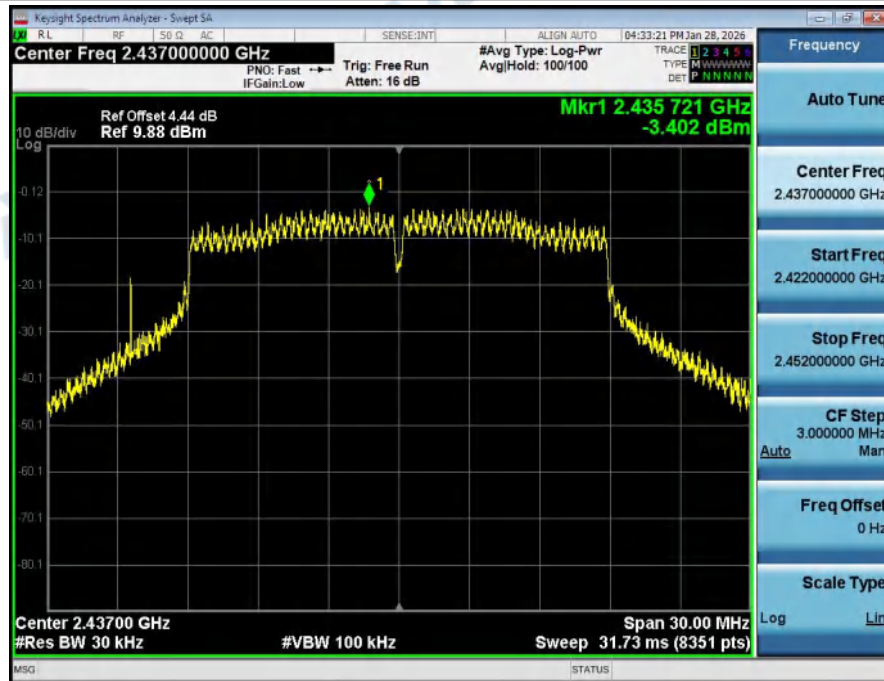
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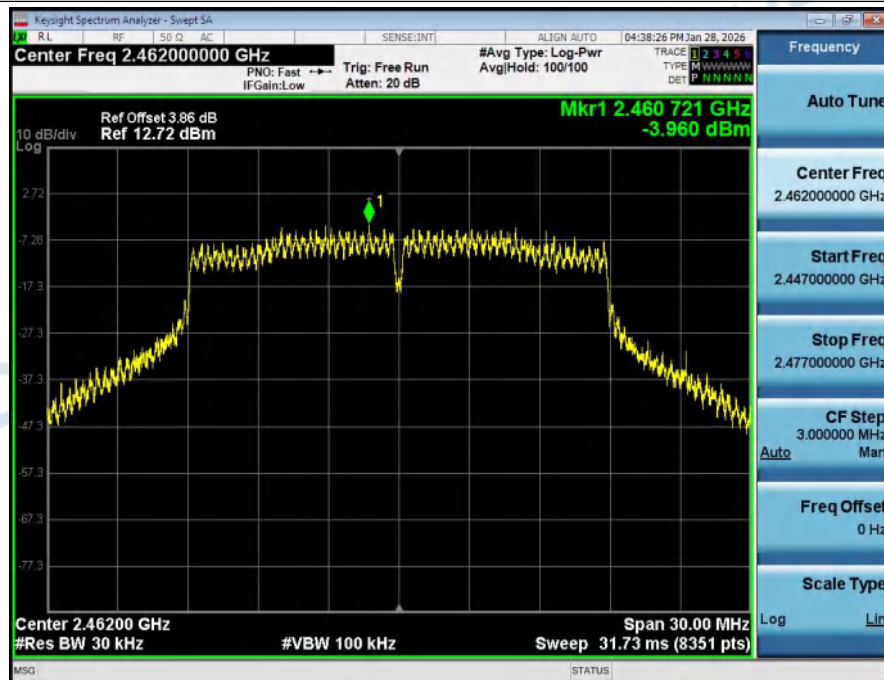
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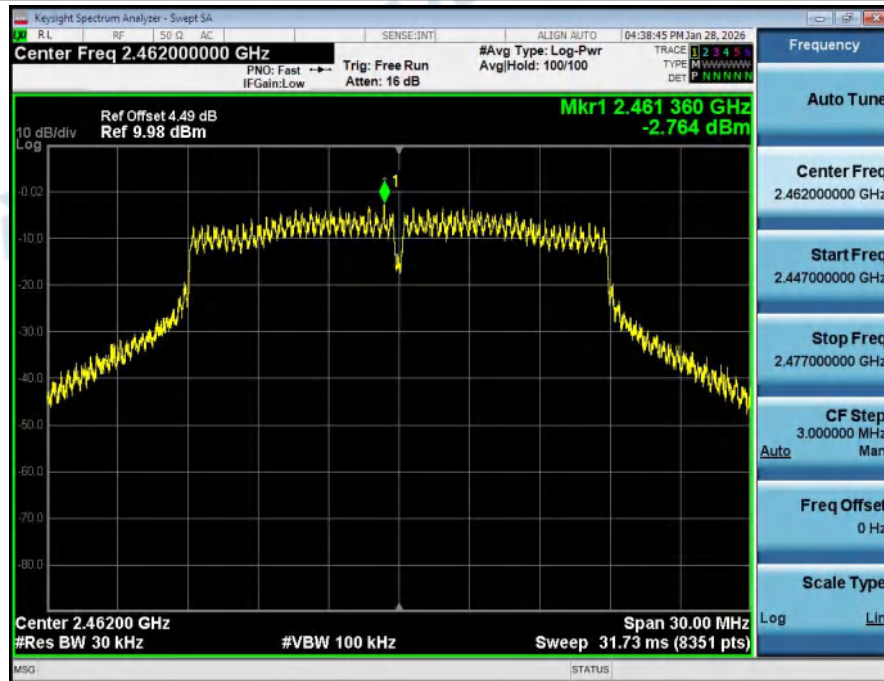
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Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2462



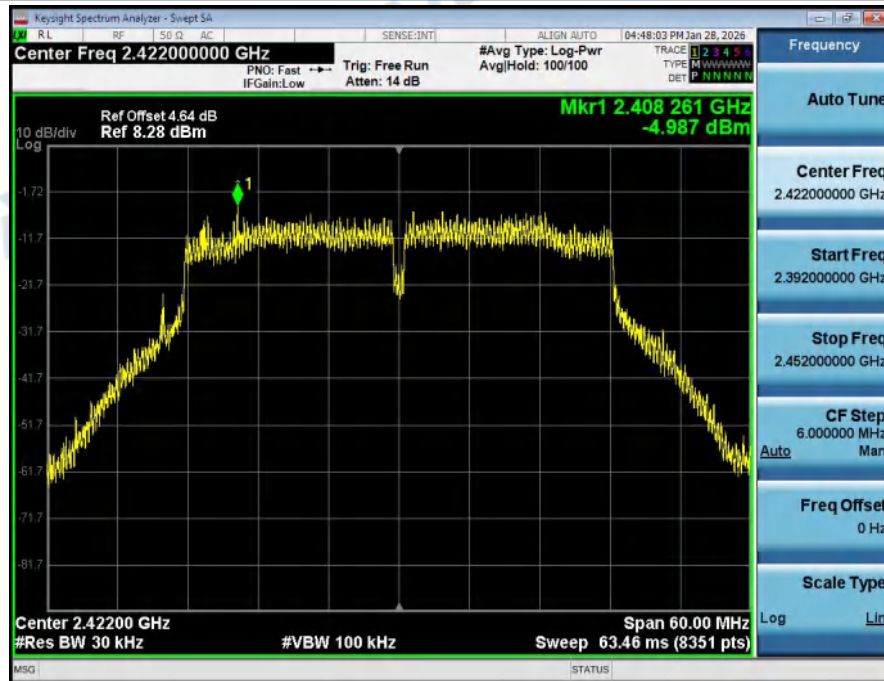
Power_Spectral_Density_NVNT_ANT2_802_11n(HT20)_2462



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2422



Power_Spectral_Density_NVNT_ANT2_802_11n(HT40)_2422



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2437



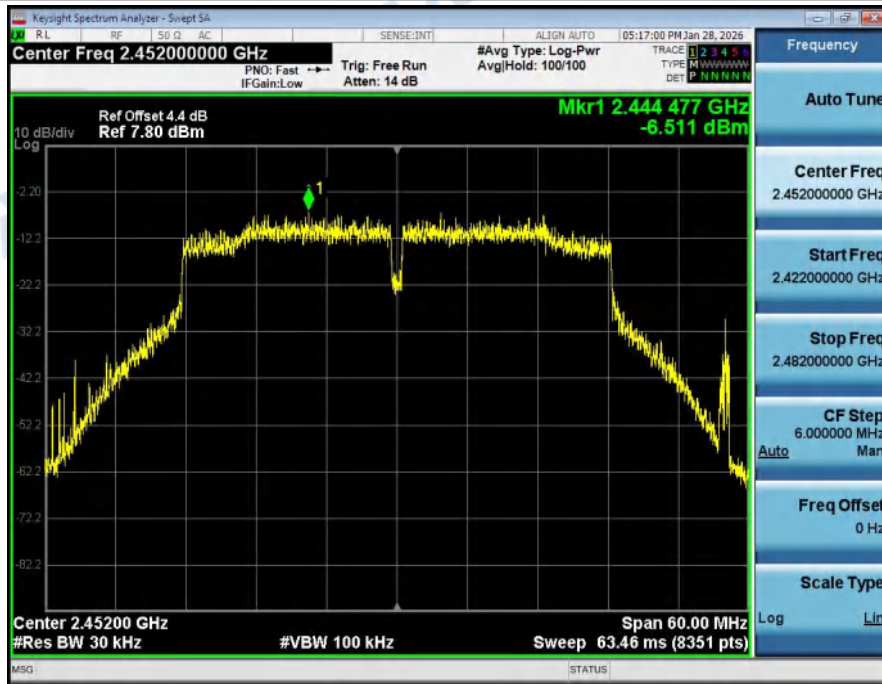
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Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2452

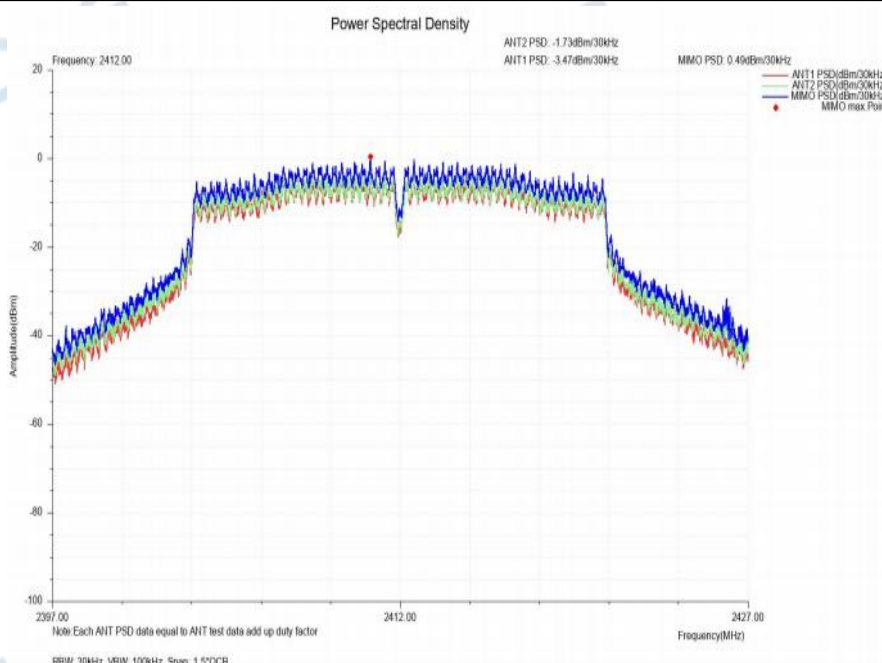


Power_Spectral_Density_NVNT_ANT2_802_11n(HT40)_2452

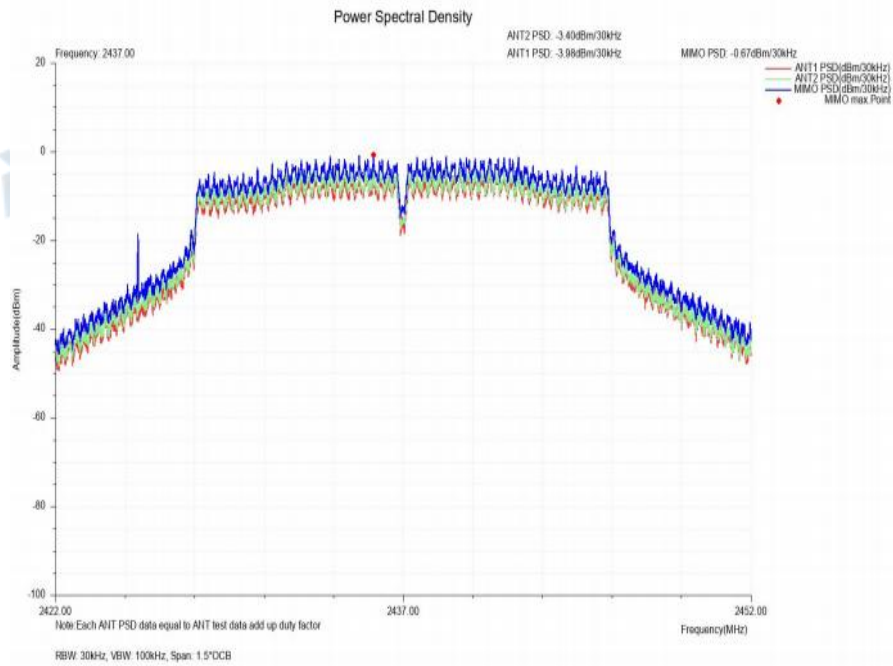


Condition	Antenna	Modulation	Frequency (MHz)	SA_MIMO_PSD(dBm/30kHz)	limit(dBm/3kHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	2412.00	0.49	8	Pass
NVNT	MIMO_TX	802.11n(HT20)	2437.00	-0.67	8	Pass
NVNT	MIMO_TX	802.11n(HT20)	2462.00	-0.58	8	Pass
NVNT	MIMO_TX	802.11n(HT40)	2422.00	-3.64	8	Pass
NVNT	MIMO_TX	802.11n(HT40)	2437.00	-3.33	8	Pass
NVNT	MIMO_TX	802.11n(HT40)	2452.00	-3.94	8	Pass

NVNT_MIMO_TX_802_11n(HT20)_Power_Spectral_Density_2412



NVNT_MIMO_TX_802_11n(HT20)_Power_Spectral_Density_2437



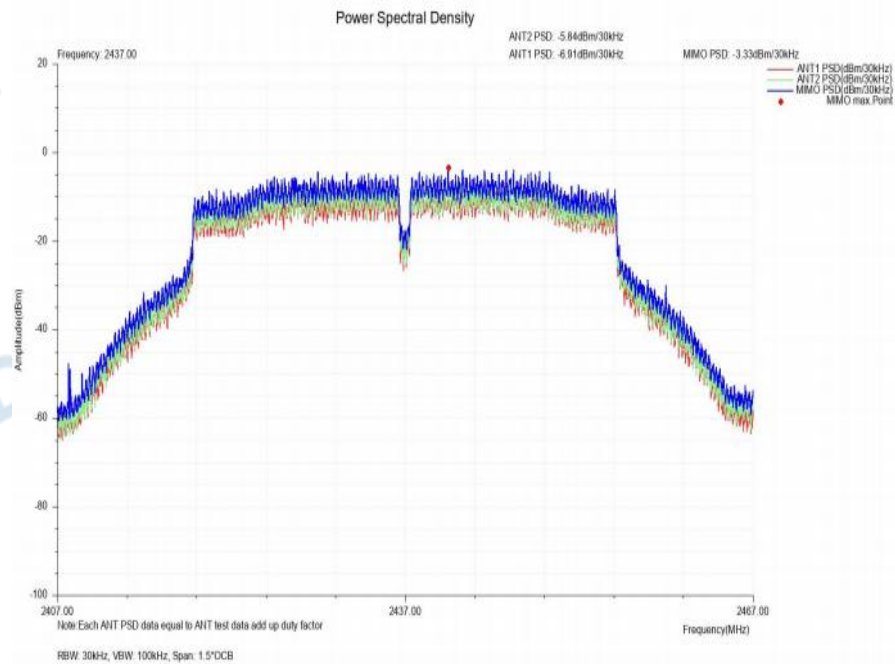
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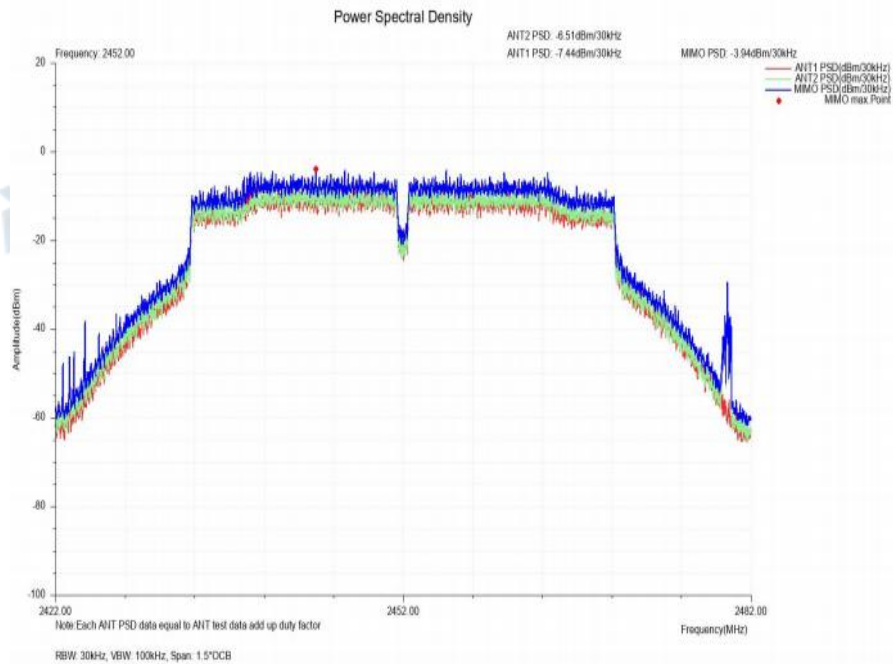
NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_2422



NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_2437



NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_2452



6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2397.472	2.088	-48.758	-17.912	Pass
NVNT	ANT2	802.11b	2412.00	2396.464	2.088	-43.794	-17.912	Pass
NVNT	ANT1	802.11b	2462.00	2487.520	1.685	-55.179	-18.315	Pass
NVNT	ANT2	802.11b	2462.00	2486.992	1.685	-55.812	-18.315	Pass
NVNT	ANT1	802.11g	2412.00	2399.712	0.956	-32.254	-19.044	Pass
NVNT	ANT2	802.11g	2412.00	2399.936	0.956	-28.856	-19.044	Pass
NVNT	ANT1	802.11g	2462.00	2485.696	0.732	-54.682	-19.268	Pass
NVNT	ANT2	802.11g	2462.00	2484.064	0.732	-52.898	-19.268	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.040	1.272	-31.991	-18.728	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	2399.488	1.272	-28.546	-18.728	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2484.160	0.412	-54.950	-19.588	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	2483.968	0.412	-40.812	-19.588	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2399.496	-2.058	-32.396	-22.058	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	2399.496	-2.058	-30.952	-22.058	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2487.012	-2.007	-54.907	-22.007	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	2484.020	-2.007	-40.578	-22.007	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412



1_Reference_Level_NVNT_ANT2_802_11b_2412



2_Bandedge_NVNT_ANT1_802_11b_2412



2_Bandedge_NVNT_ANT2_802_11b_2412



1_Reference_Level_NVNT_ANT1_802_11b_2462



1_Reference_Level_NVNT_ANT2_802_11b_2462



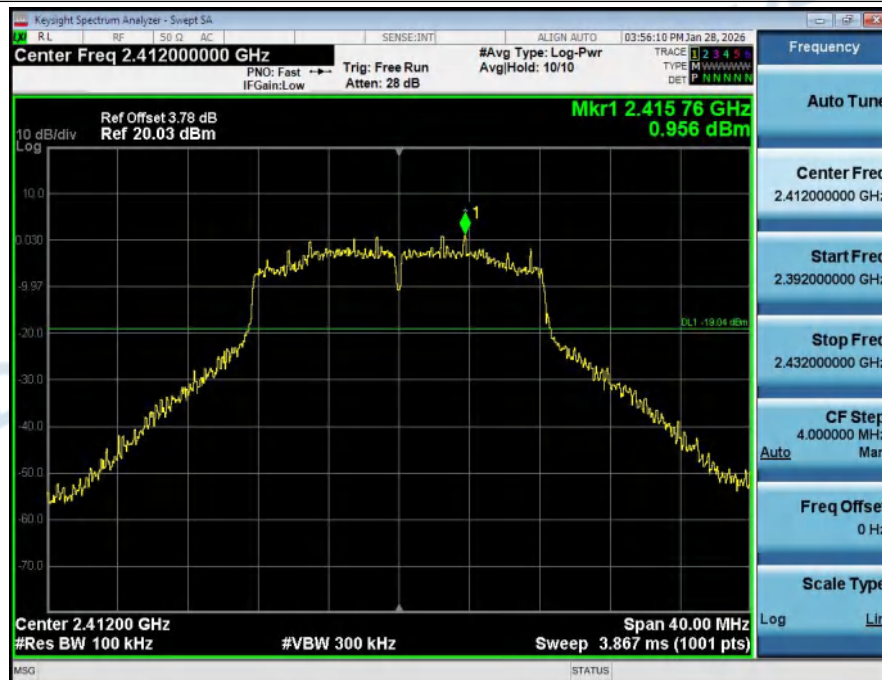
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2_Bandedge_NVNT_ANT2_802_11b_2462



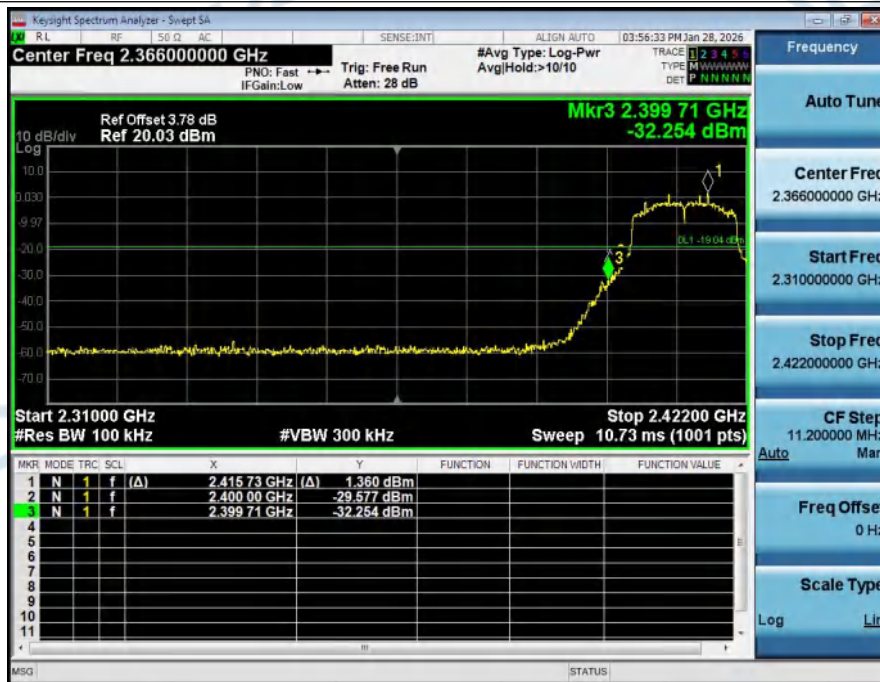
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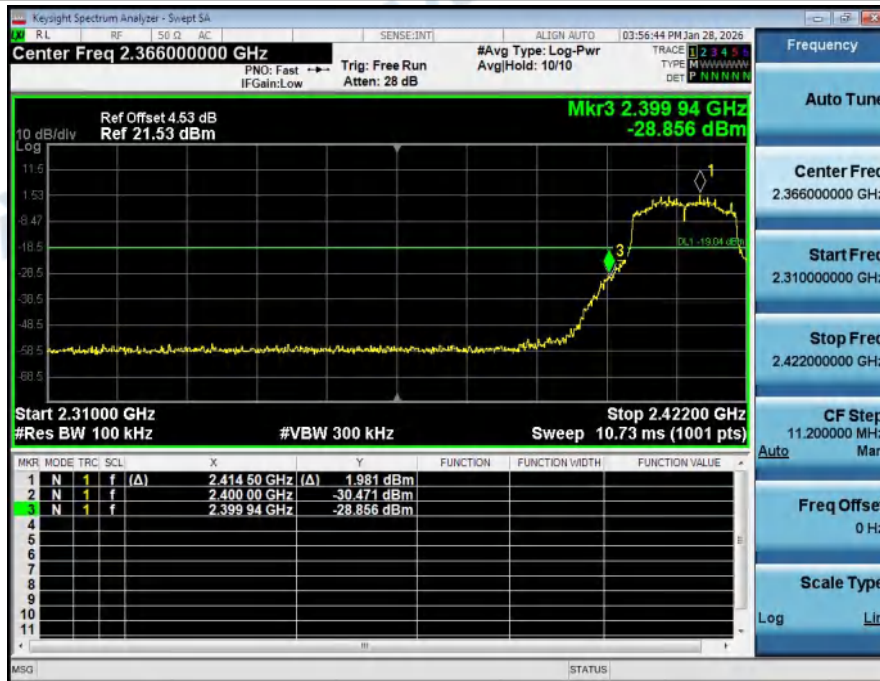
1_Reference_Level_NVNT_ANT2_802_11g_2412



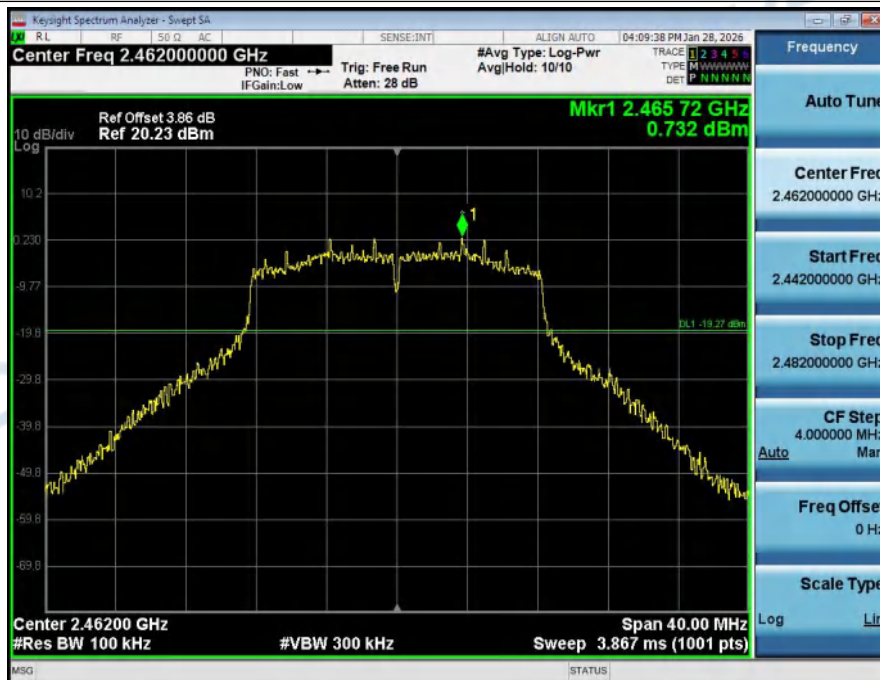
2_Bandedge_NVNT_ANT1_802_11g_2412



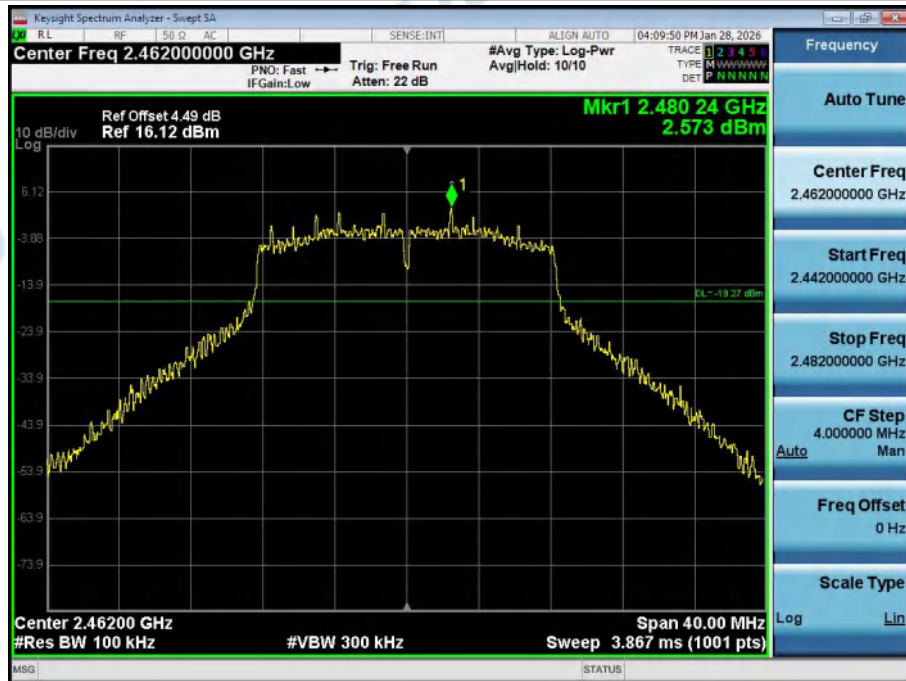
2_Bandedge_NVNT_ANT2_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2462



1_Reference_Level_NVNT_ANT2_802_11g_2462



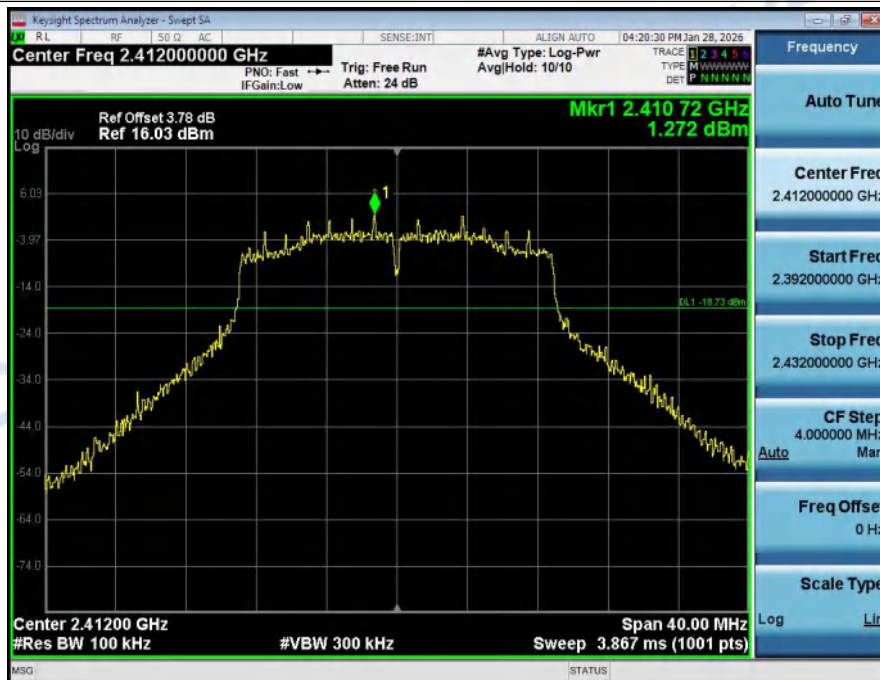
2_Bandedge_NVNT_ANT1_802_11g_2462



2_Bandedge_NVNT_ANT2_802_11g_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



1_Reference_Level_NVNT_ANT2_802_11n(HT20)_2412



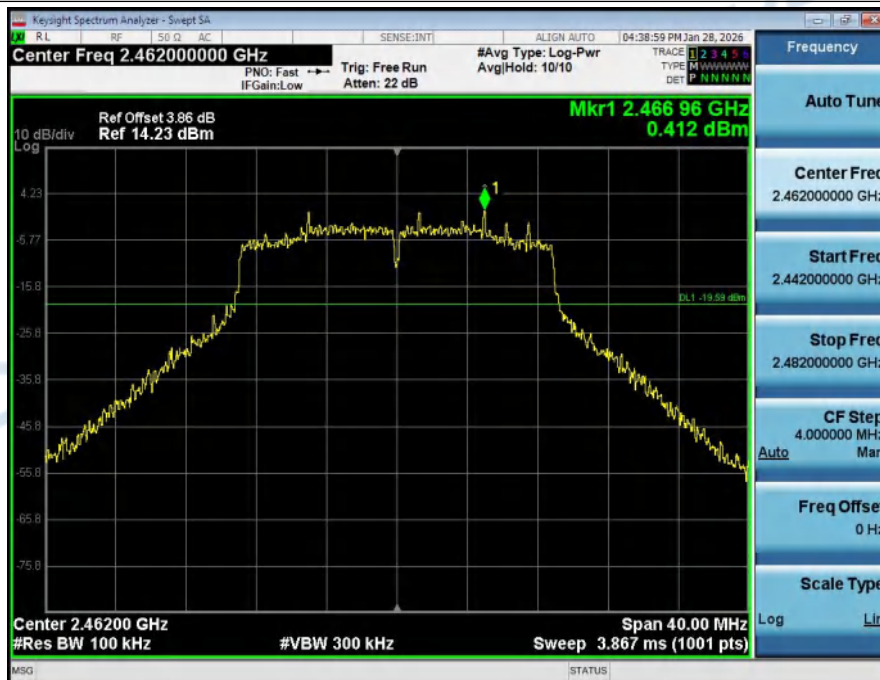
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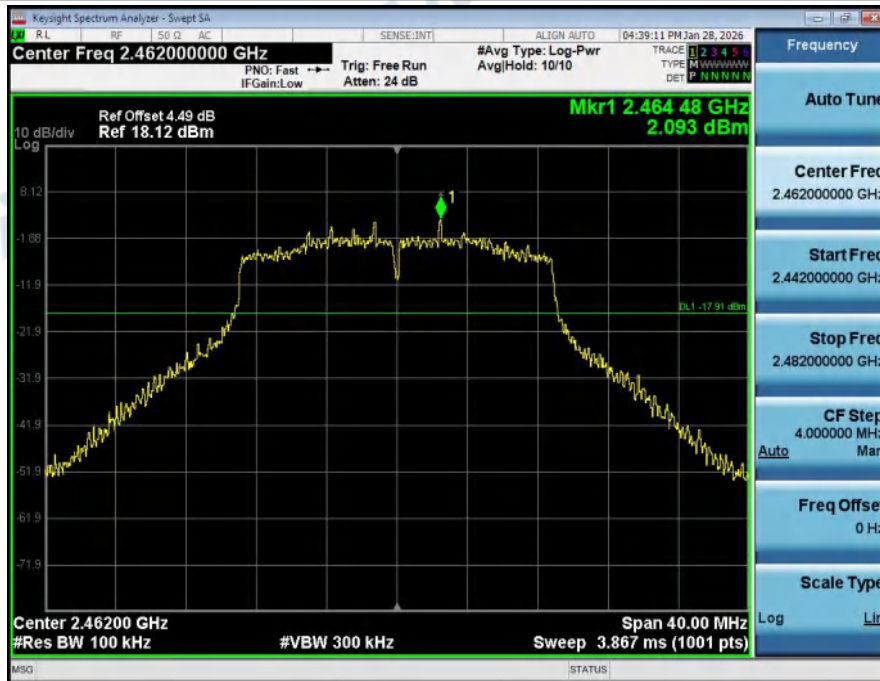
2_Bandedge_NVNT_ANT2_802_11n(HT20)_2412



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



1_Reference_Level_NVNT_ANT2_802_11n(HT20)_2462



2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462



2_Bandedge_NVNT_ANT2_802_11n(HT20)_2462



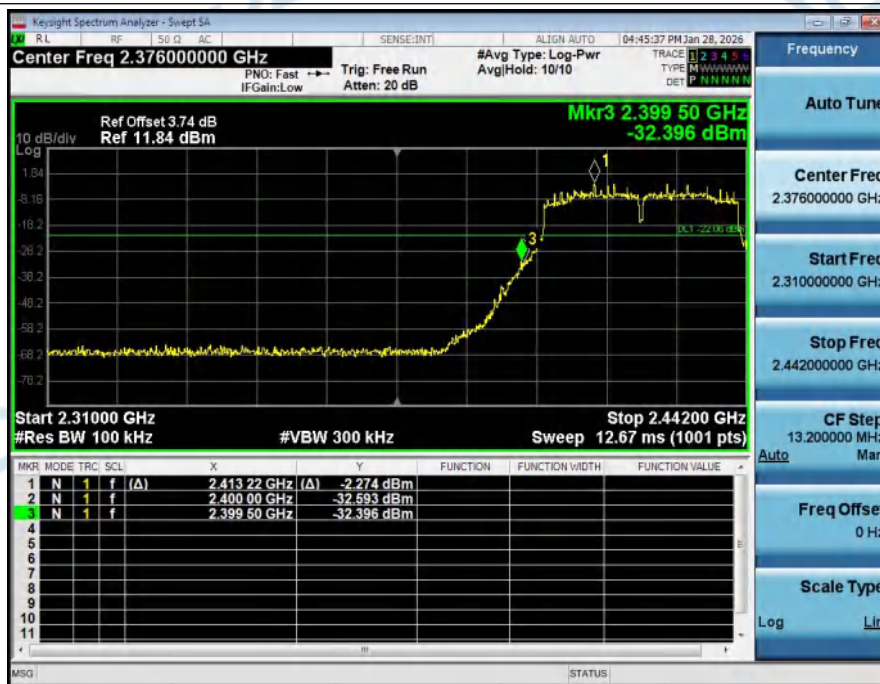
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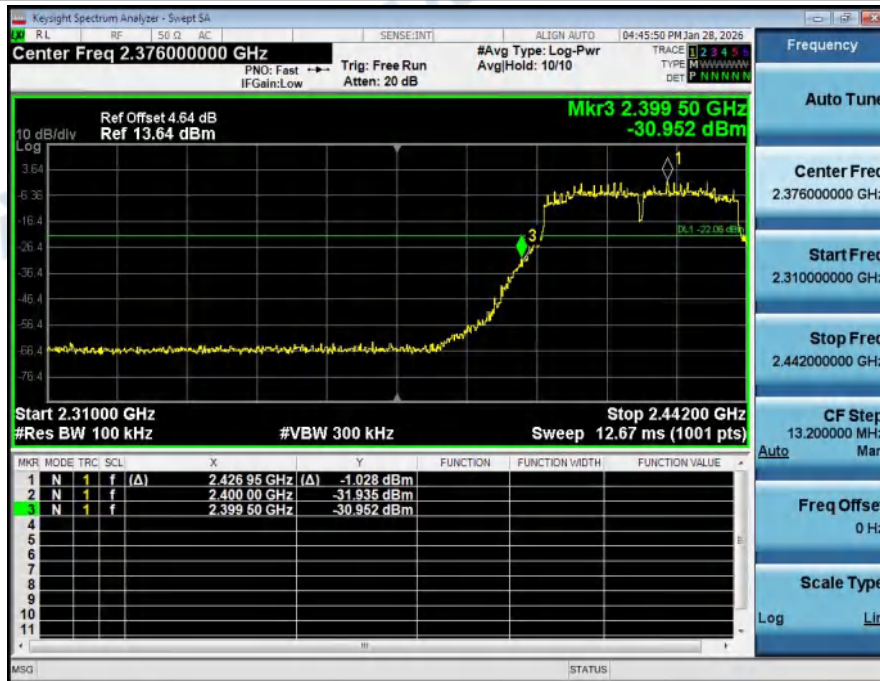
1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2422



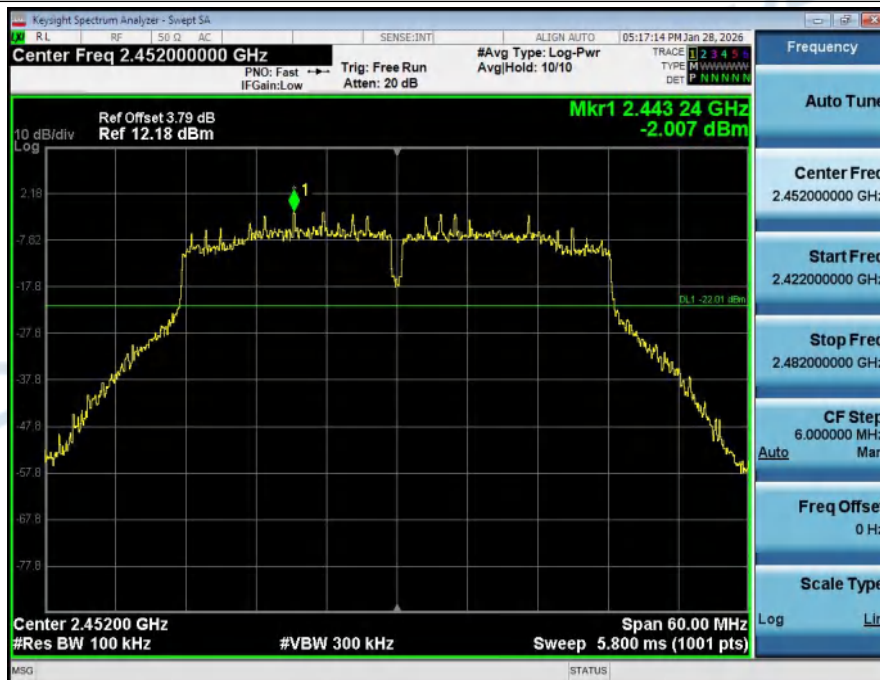
2_Bandedge_NVNT_ANT1_802_11n(HT40)_2422



2_Bandedge_NVNT_ANT2_802_11n(HT40)_2422



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2452



2_Bandedge_NVNT_ANT1_802_11n(HT40)_2452



2_Bandedge_NVNT_ANT2_802_11n(HT40)_2452



7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24932.581	2.129	-50.279	-17.871	Pass
NVNT	ANT2	802.11b	2412.00	4824.240	2.129	-47.520	-17.871	Pass
NVNT	ANT1	802.11b	2437.00	24468.139	1.773	-46.347	-18.227	Pass
NVNT	ANT2	802.11b	2437.00	24505.594	1.773	-44.846	-18.227	Pass
NVNT	ANT1	802.11b	2462.00	24932.581	1.685	-46.335	-18.315	Pass
NVNT	ANT2	802.11b	2462.00	24947.563	1.685	-45.106	-18.315	Pass
NVNT	ANT1	802.11g	2412.00	24483.121	0.956	-41.473	-19.044	Pass
NVNT	ANT2	802.11g	2412.00	24972.533	0.956	-40.453	-19.044	Pass
NVNT	ANT1	802.11g	2437.00	24990.012	0.911	-40.978	-19.089	Pass
NVNT	ANT2	802.11g	2437.00	24972.533	0.911	-41.553	-19.089	Pass
NVNT	ANT1	802.11g	2462.00	24455.654	0.691	-51.452	-19.309	Pass
NVNT	ANT2	802.11g	2462.00	24997.503	0.691	-51.513	-19.309	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	25000.000	1.272	-46.397	-18.728	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	24952.557	1.272	-45.323	-18.728	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24925.090	1.023	-48.277	-18.977	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	24957.551	1.023	-46.644	-18.977	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24425.690	0.412	-48.168	-19.588	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	24917.599	0.412	-47.314	-19.588	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	24945.066	-2.058	-49.584	-22.058	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	24538.055	-2.058	-48.197	-22.058	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	24538.055	-2.018	-49.701	-22.018	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	24932.581	-2.018	-49.226	-22.018	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	3400.950	-2.007	-45.104	-22.007	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	24488.115	-2.007	-49.319	-22.007	Pass

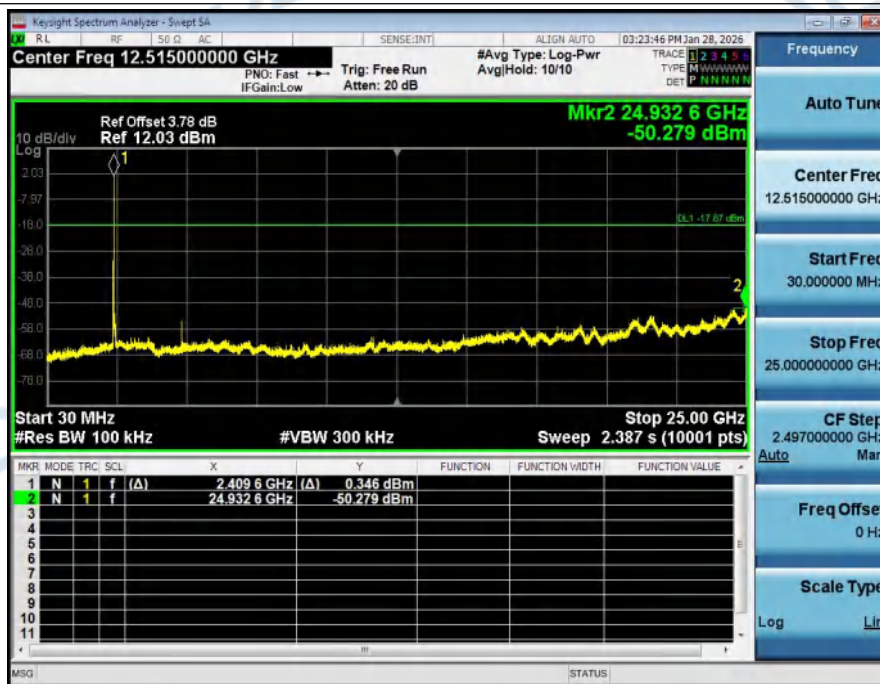
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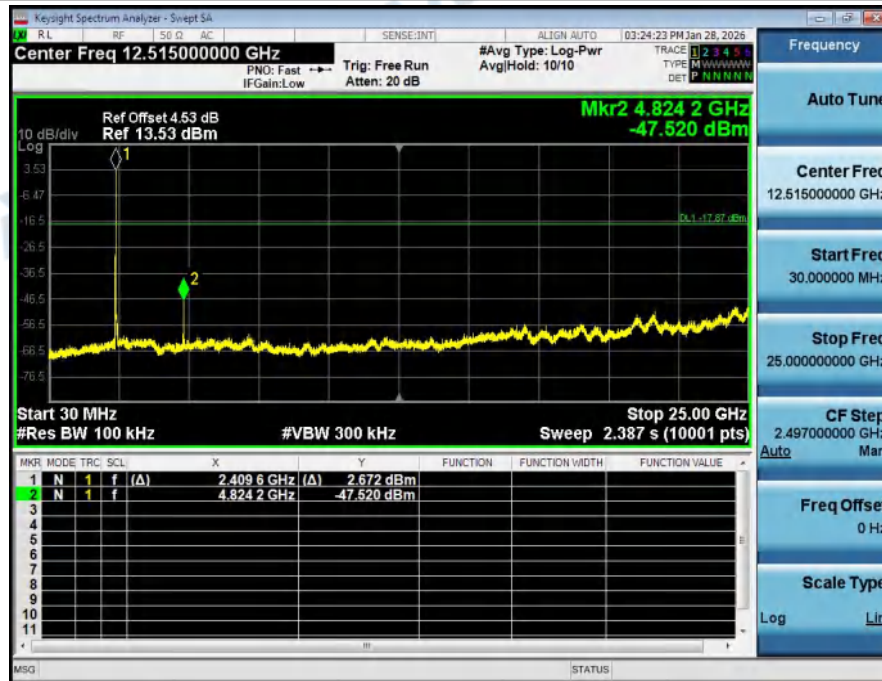
1_Reference_Level_NVNT_ANT2_802_11b_2412



2_Spurious_Emission_NVNT_ANT1_802_11b_2412



2_Spurious_Emission_NVNT_ANT2_802_11b_2412



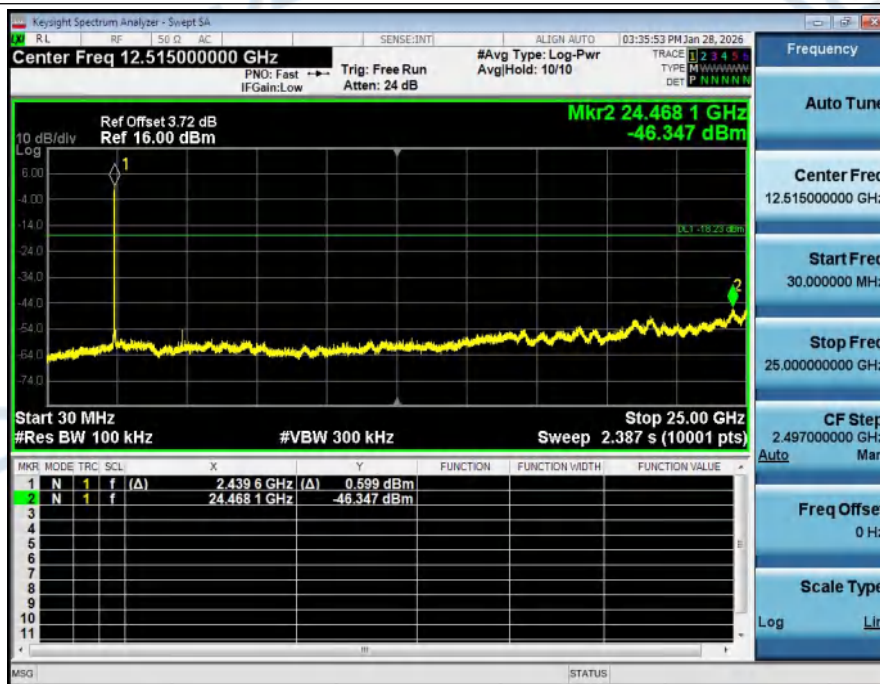
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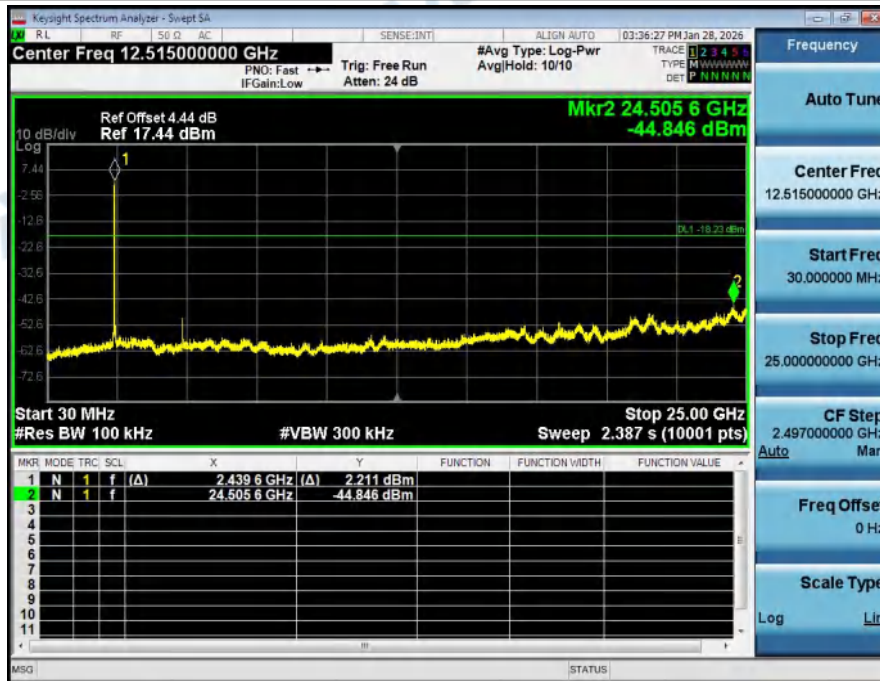
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2_Spurious_Emission_NVNT_ANT1_802_11b_2437



2_Spurious_Emission_NVNT_ANT2_802_11b_2437



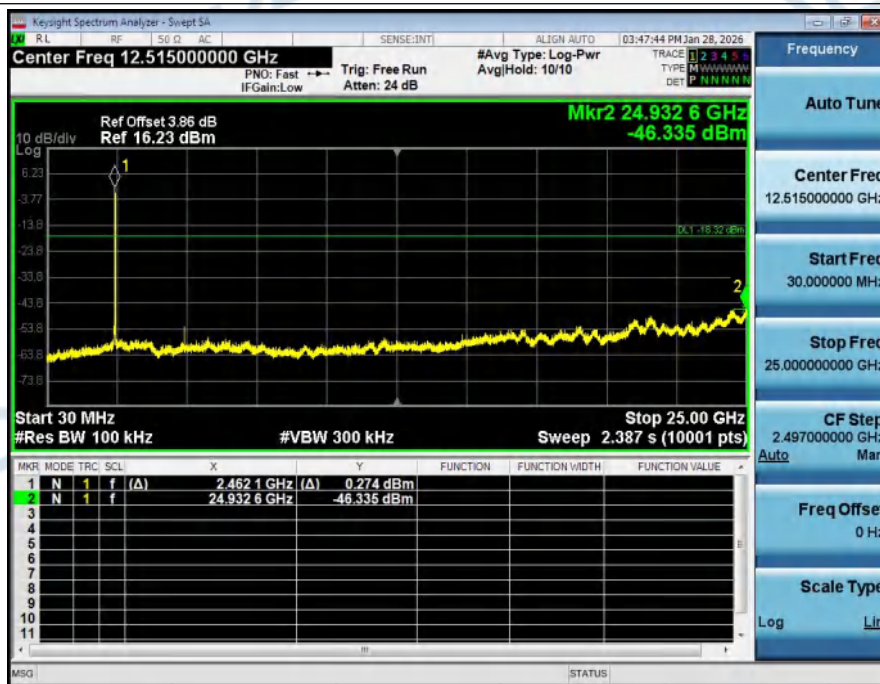
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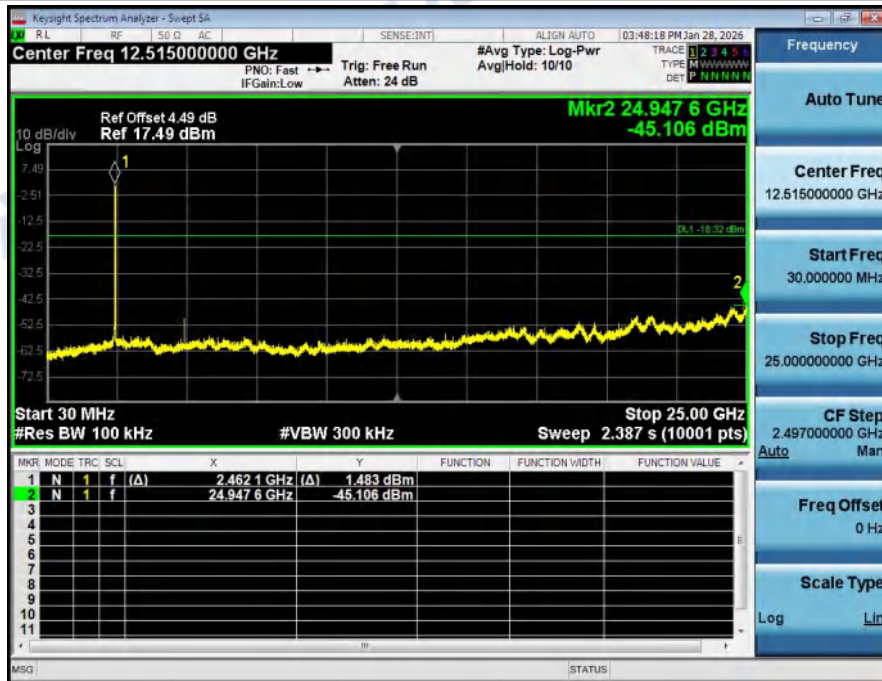
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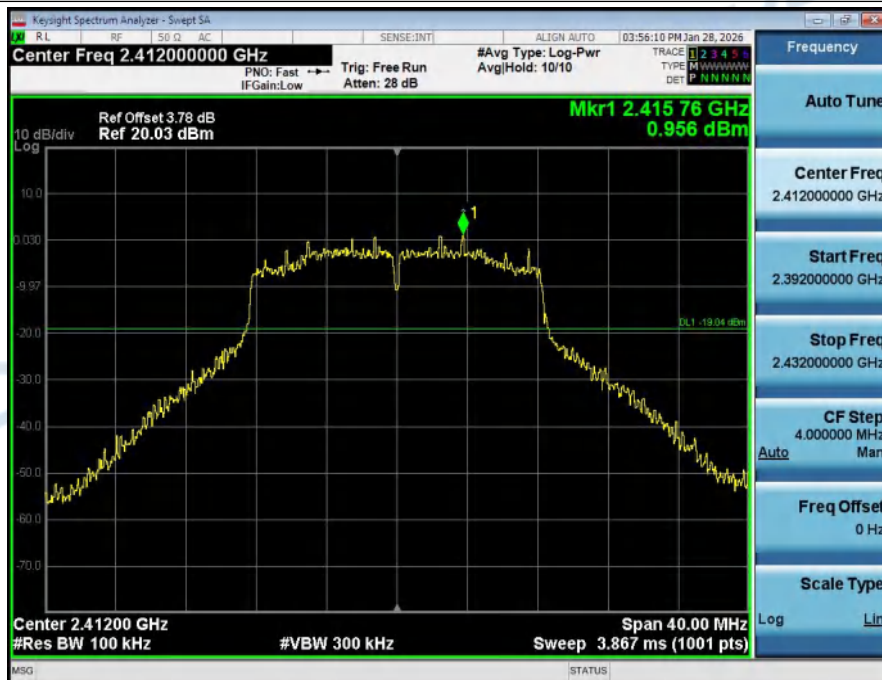
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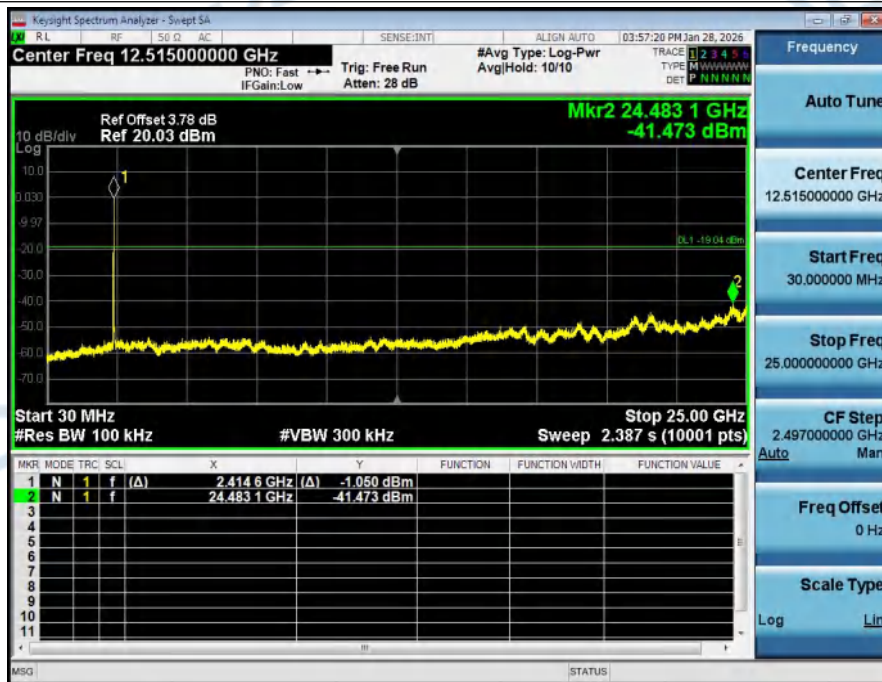
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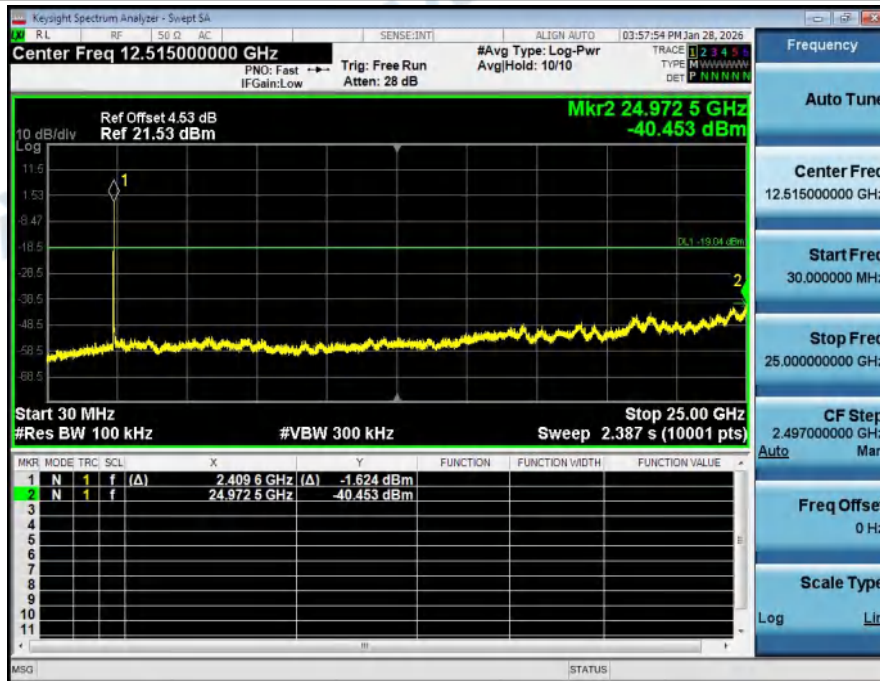
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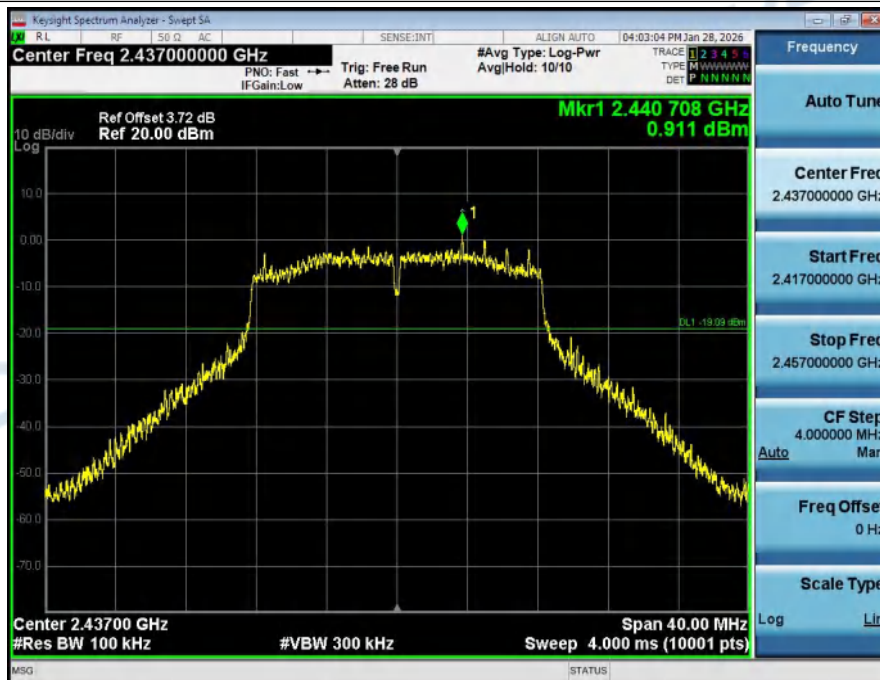
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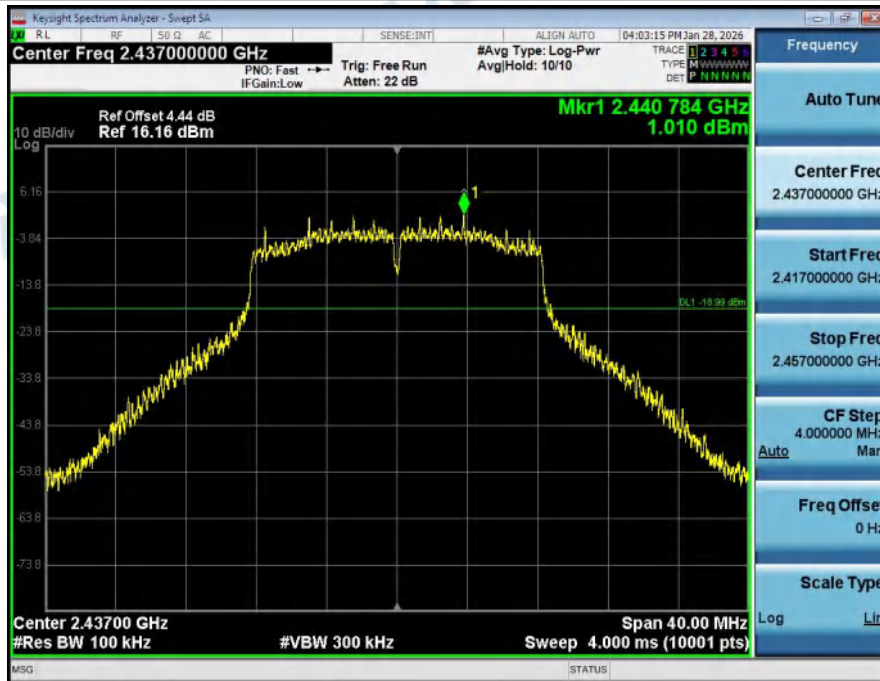
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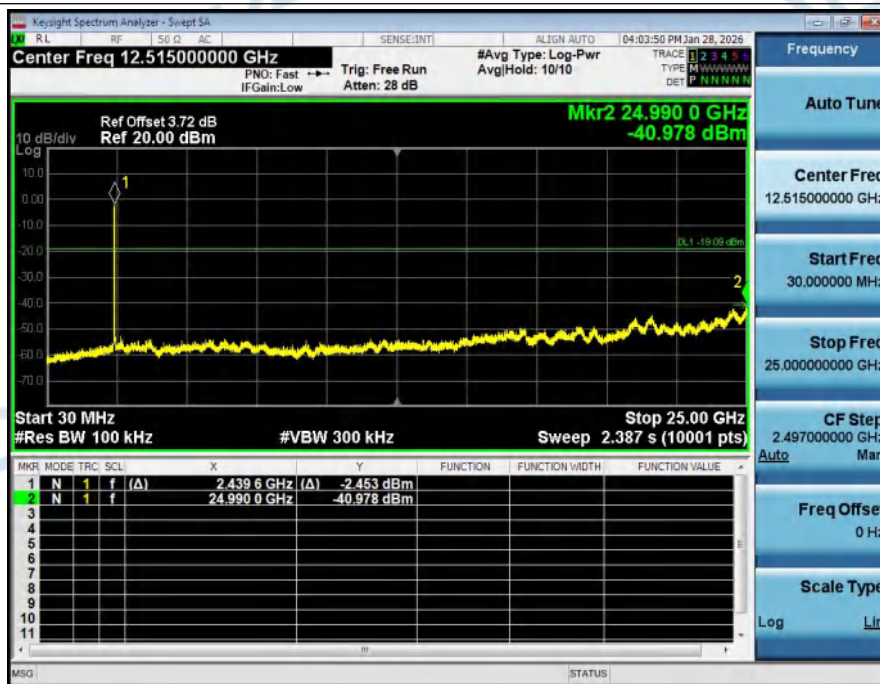
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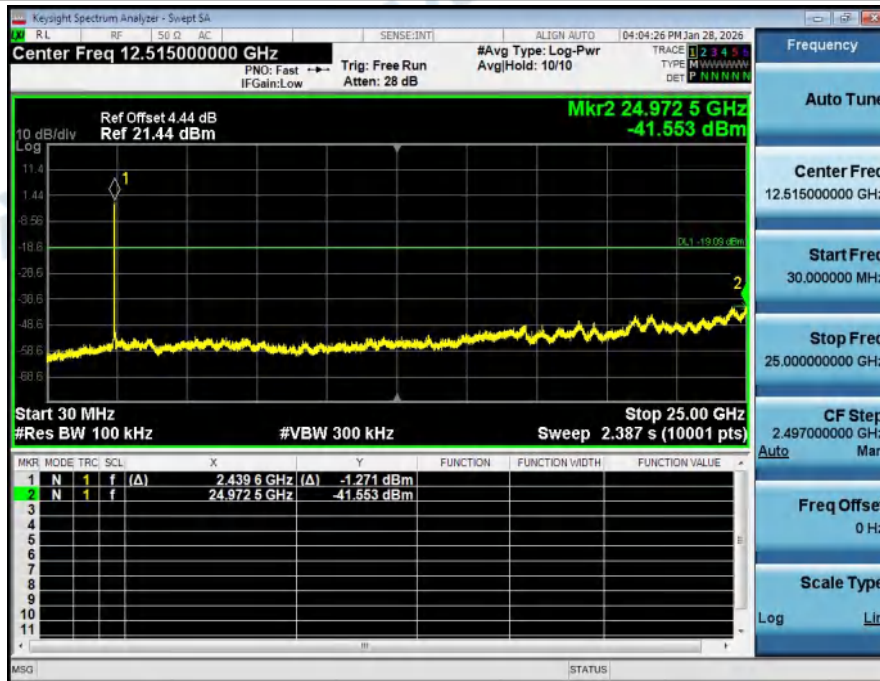
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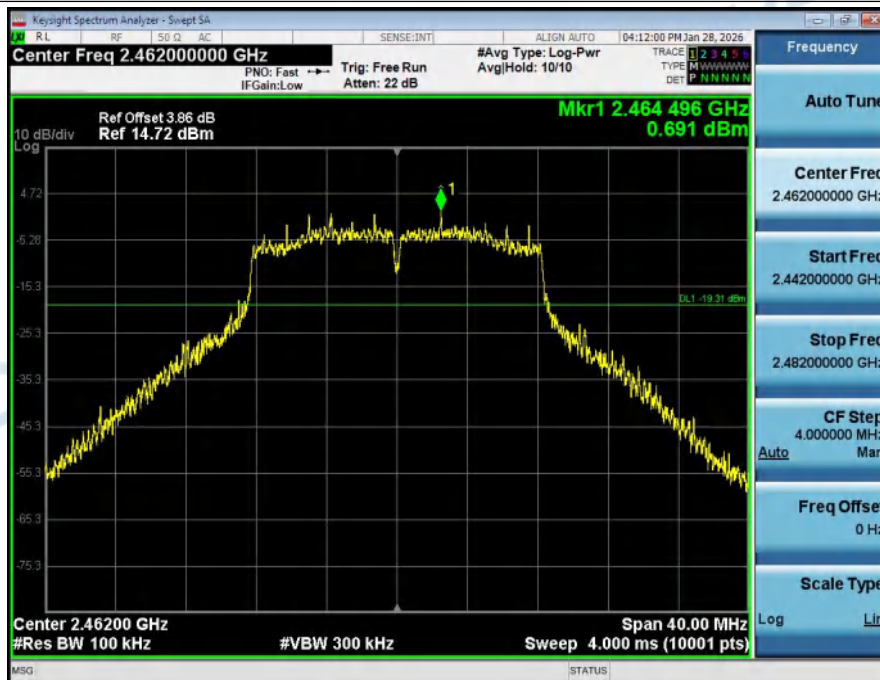
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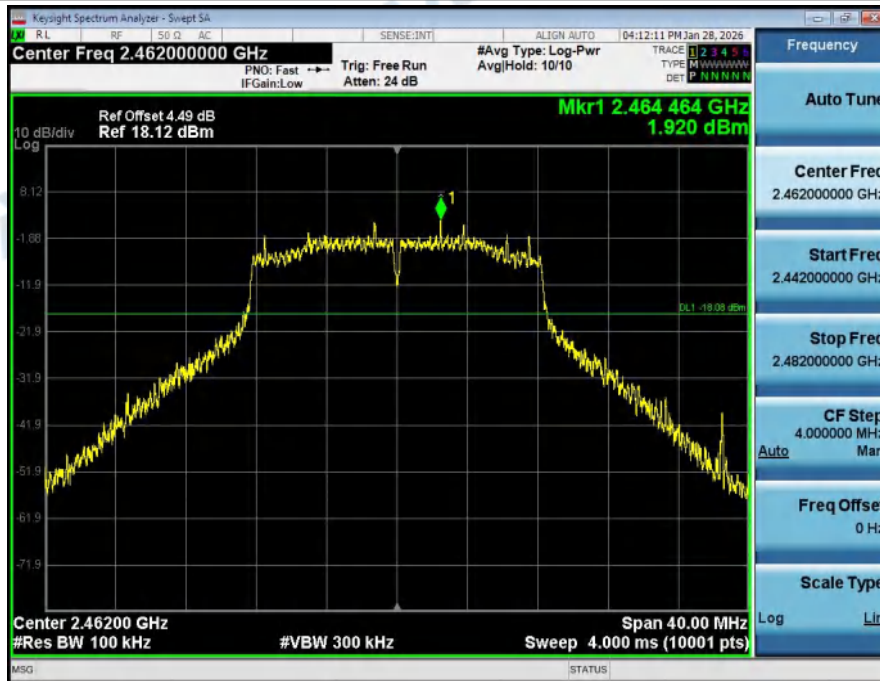
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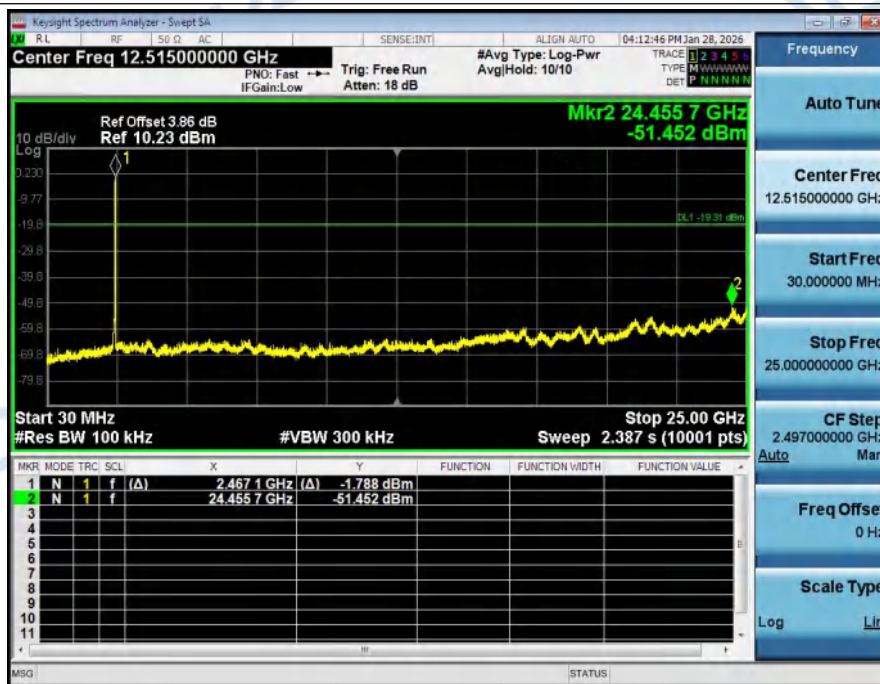
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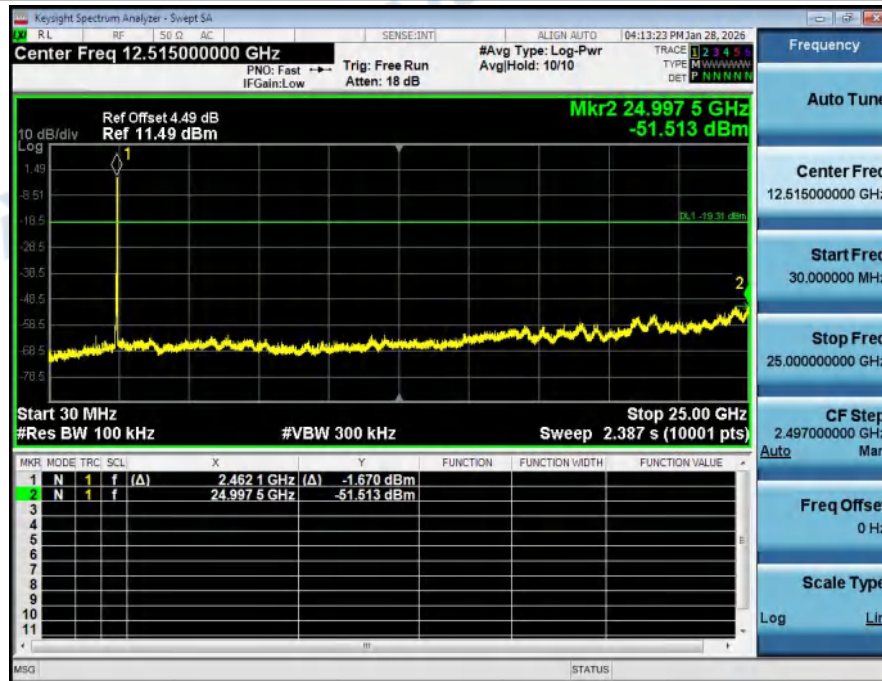
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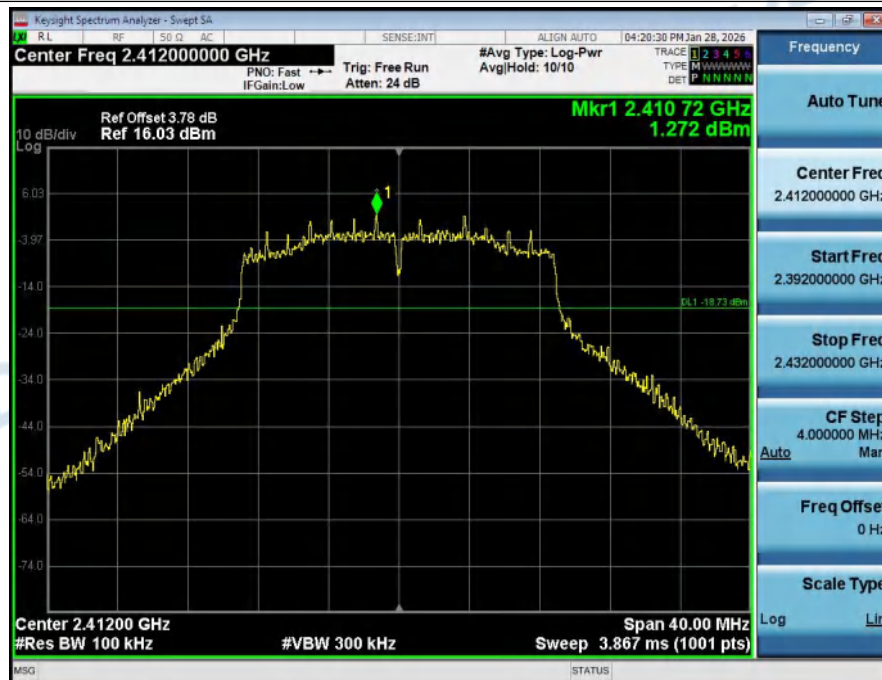
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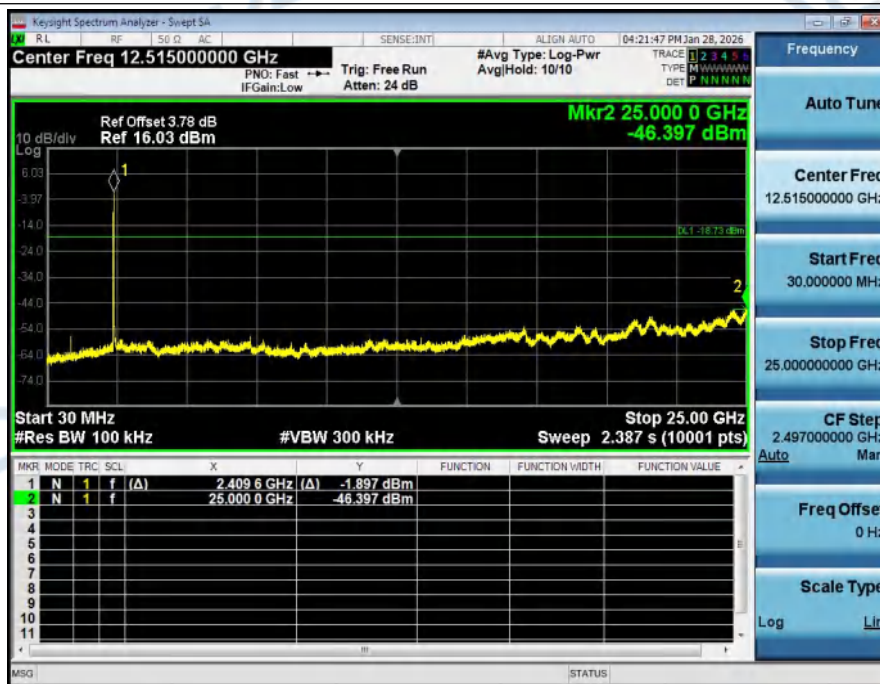
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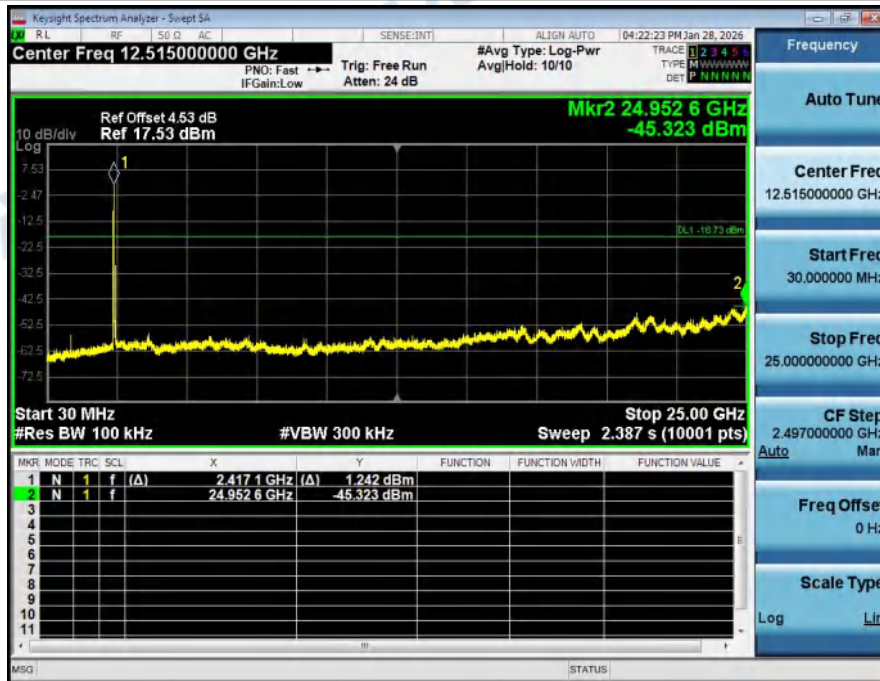
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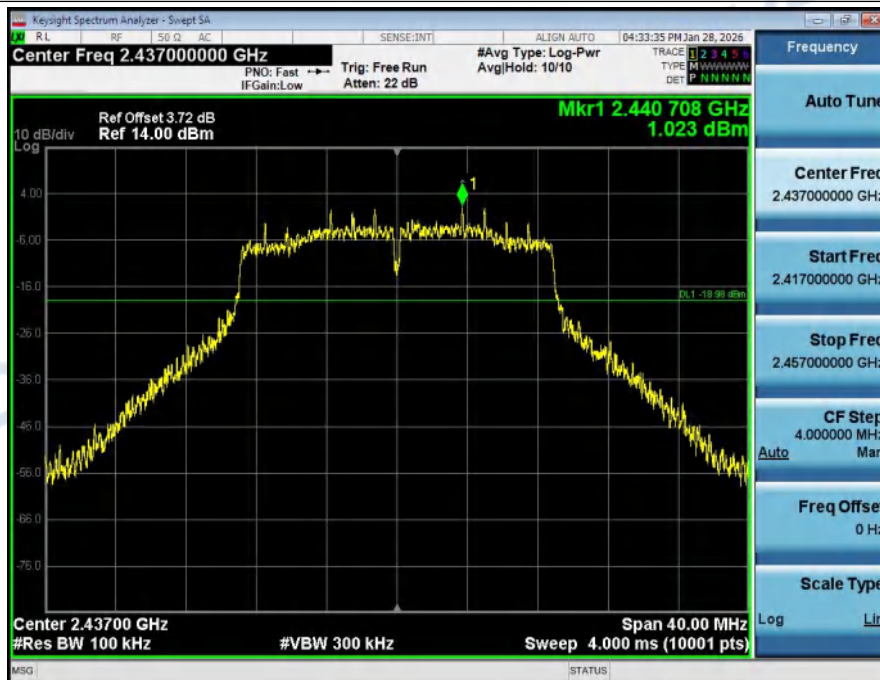
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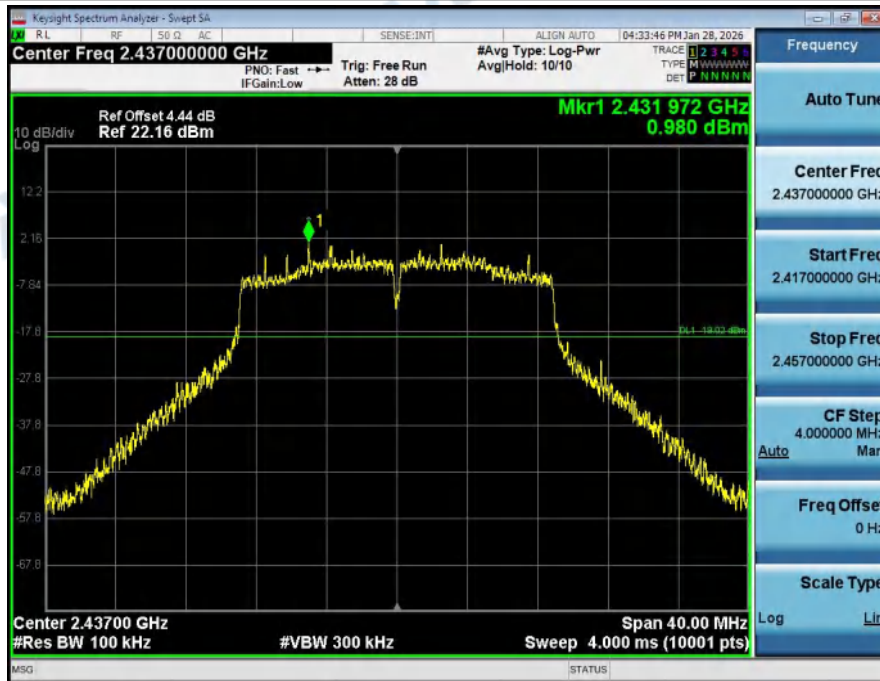
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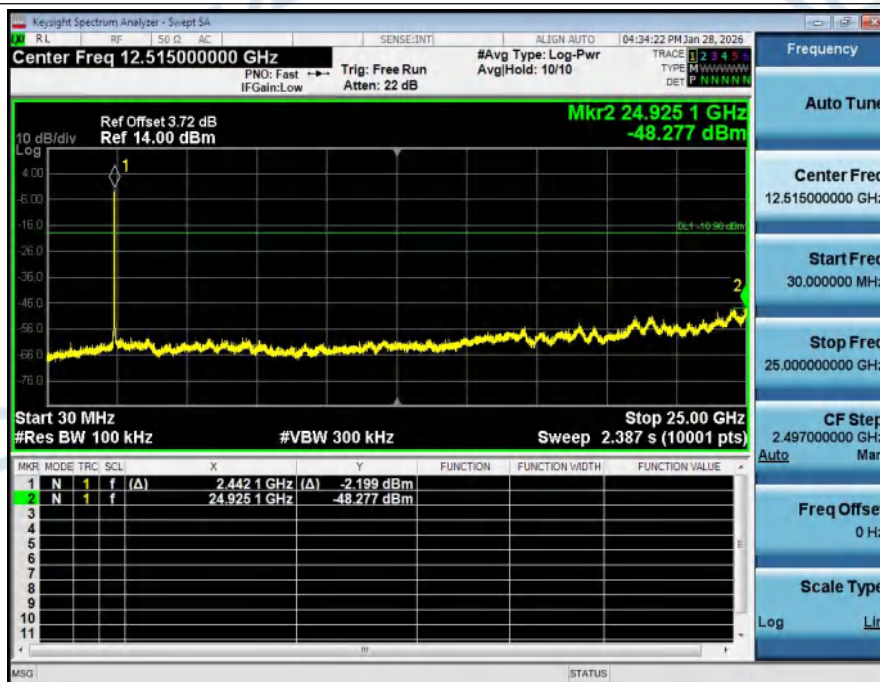
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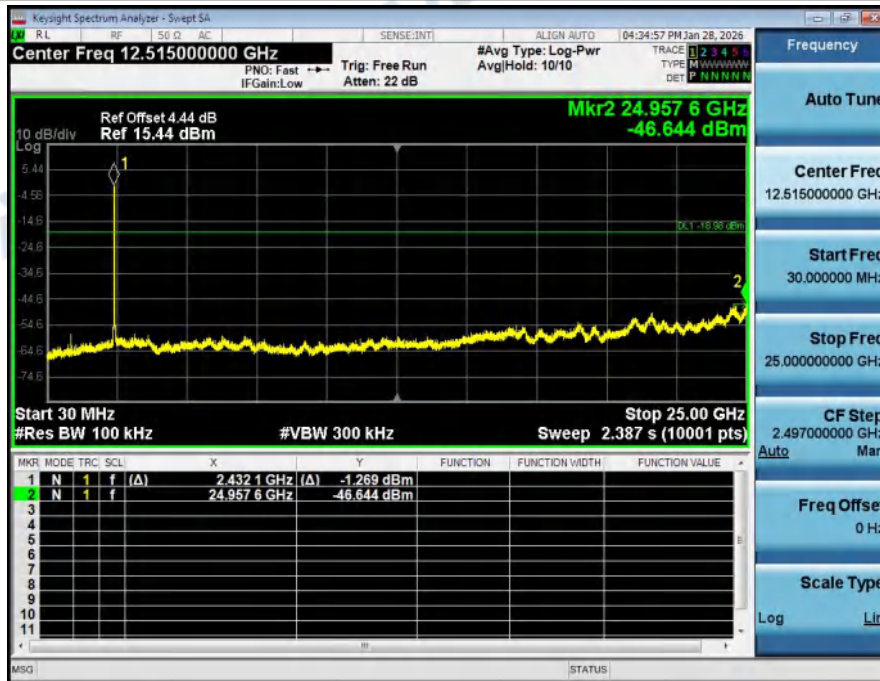
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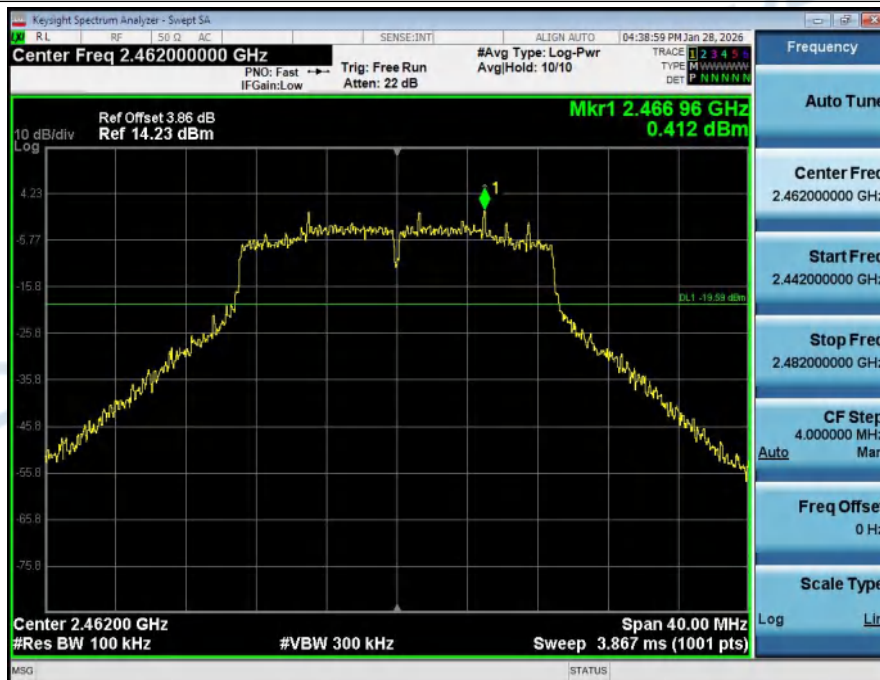
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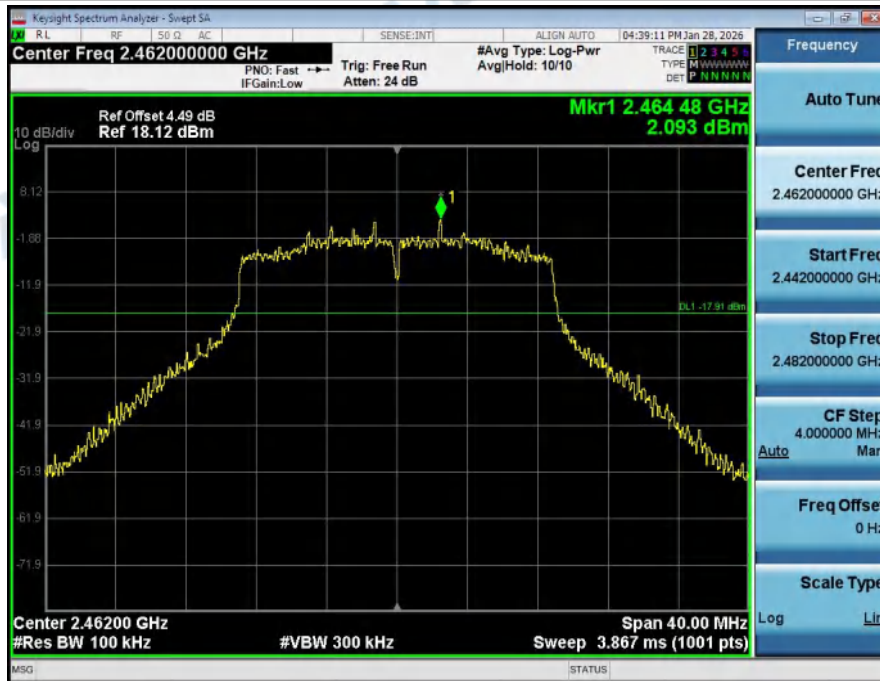
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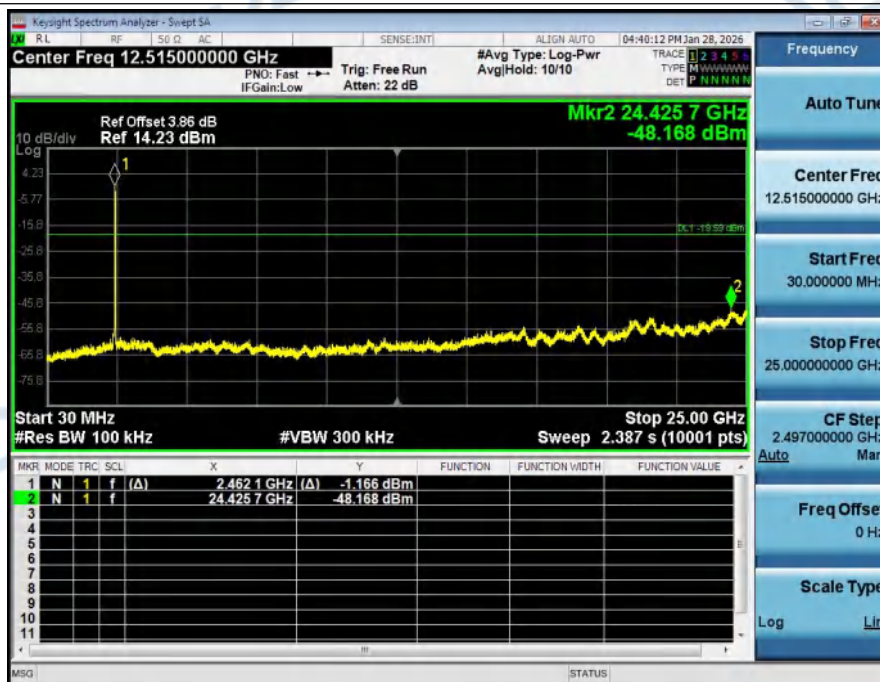
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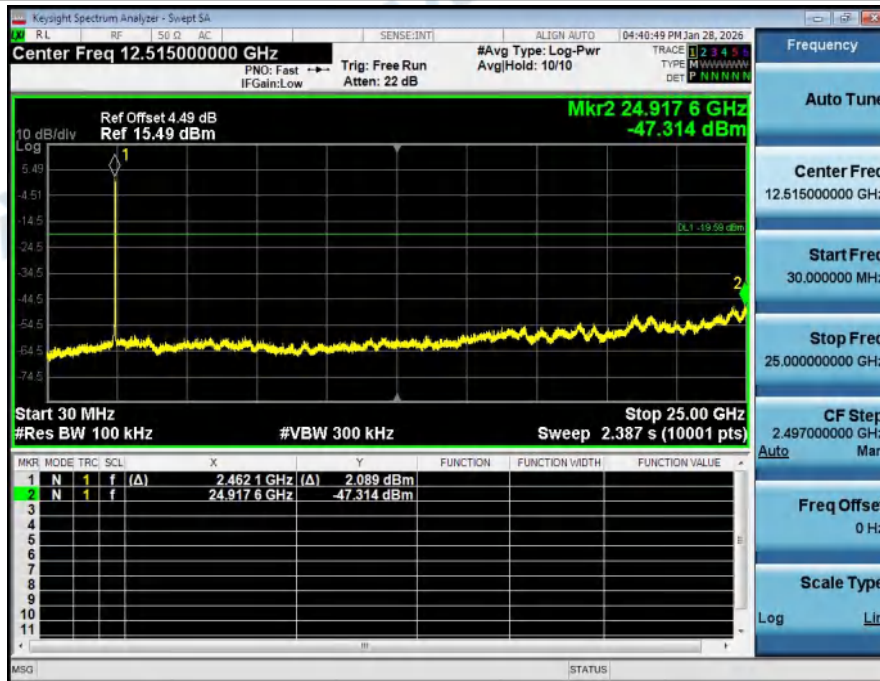
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2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2462



2_Spurious_Emission_NVNT_ANT2_802_11n(HT20)_2462



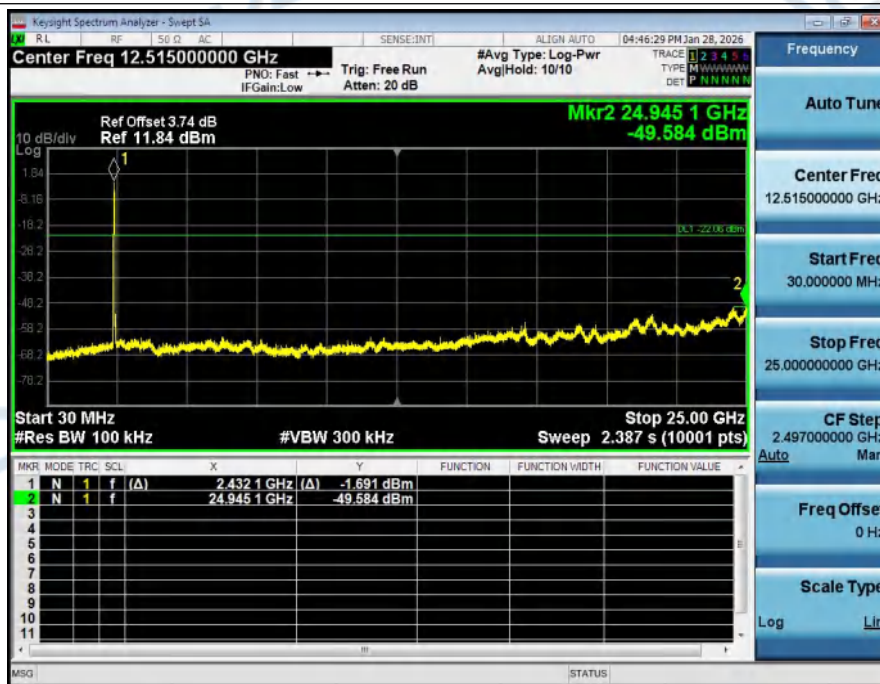
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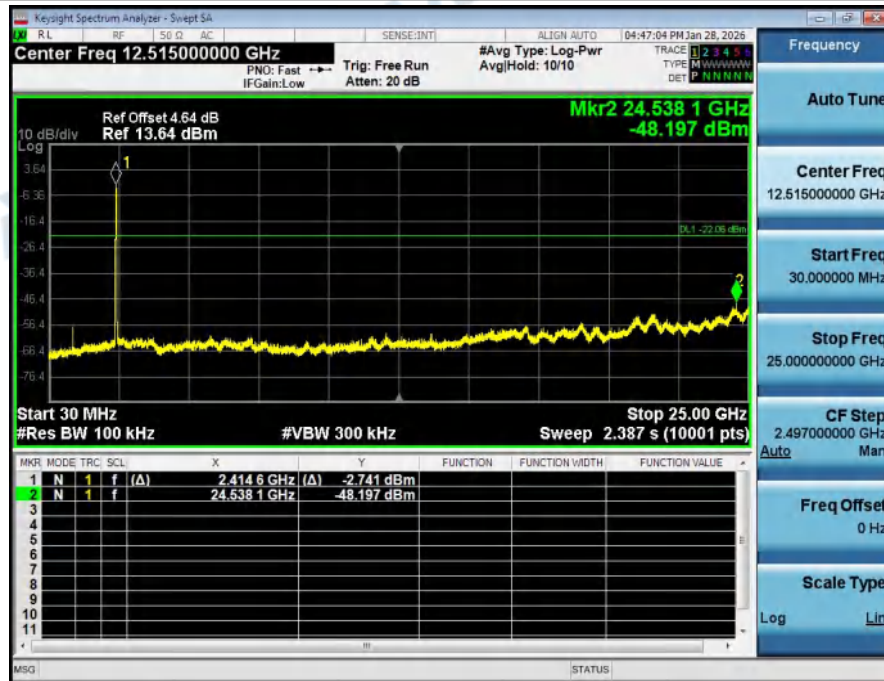
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2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2422



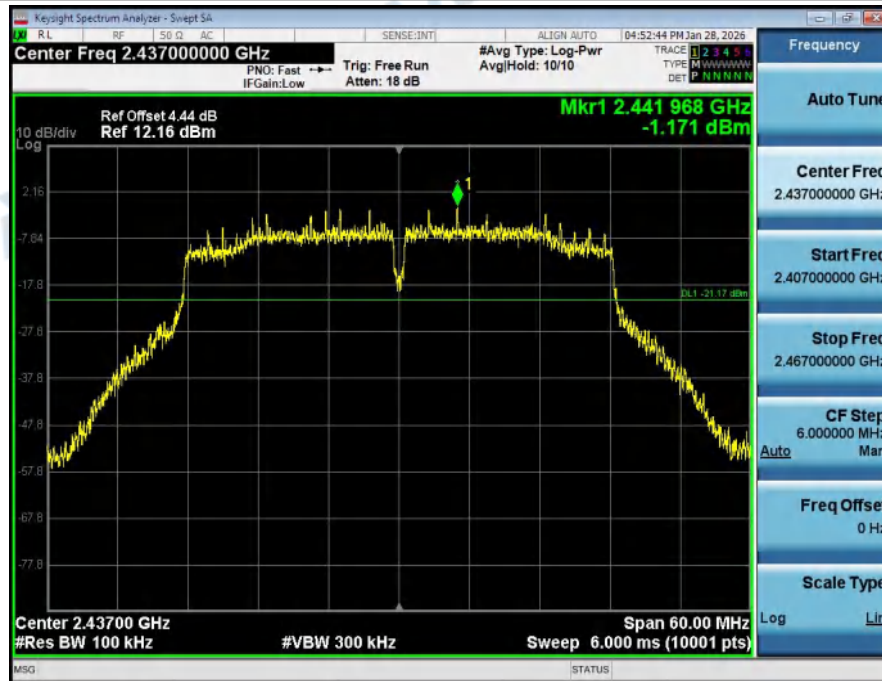
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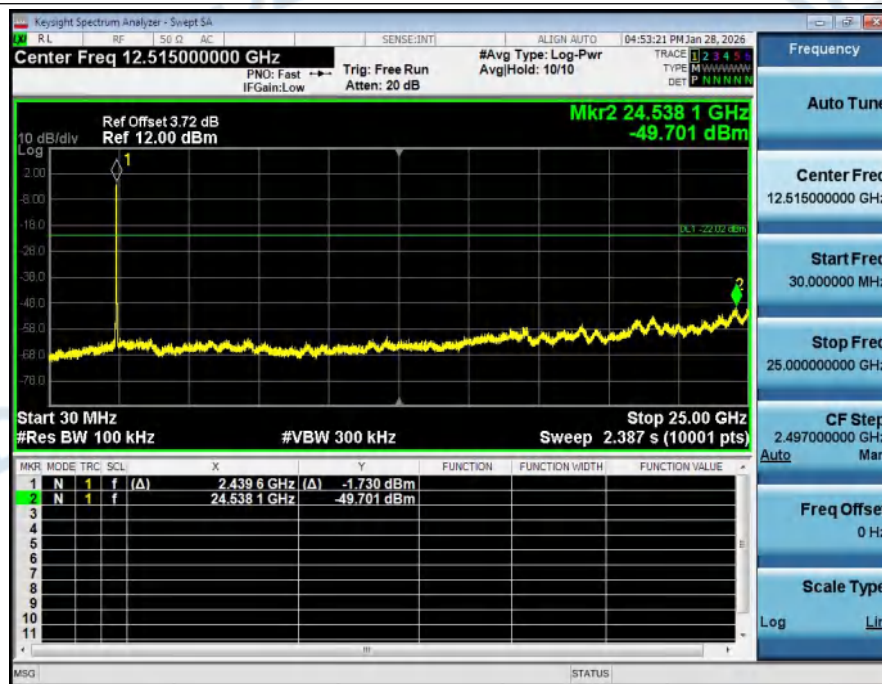
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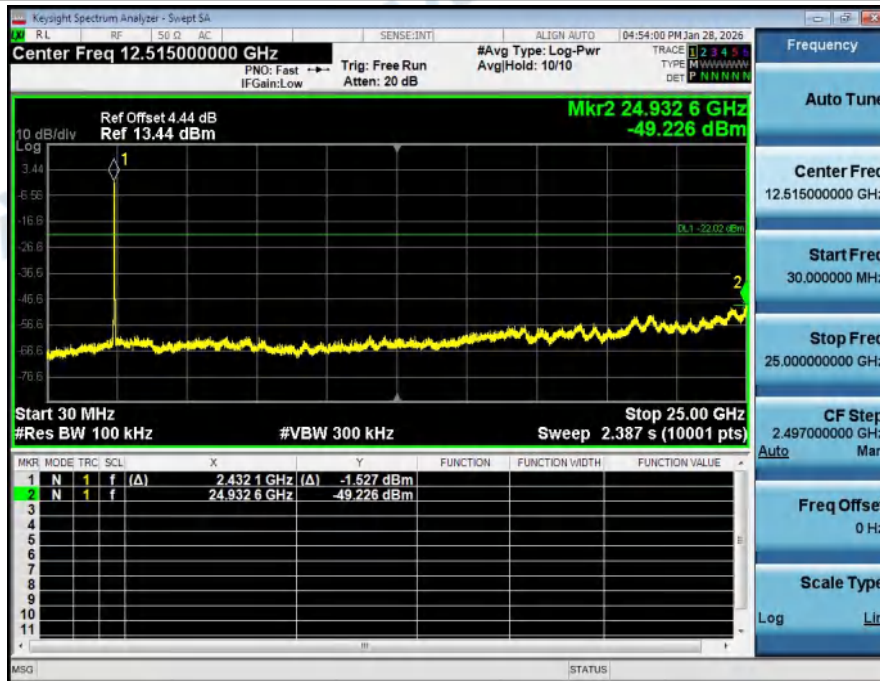
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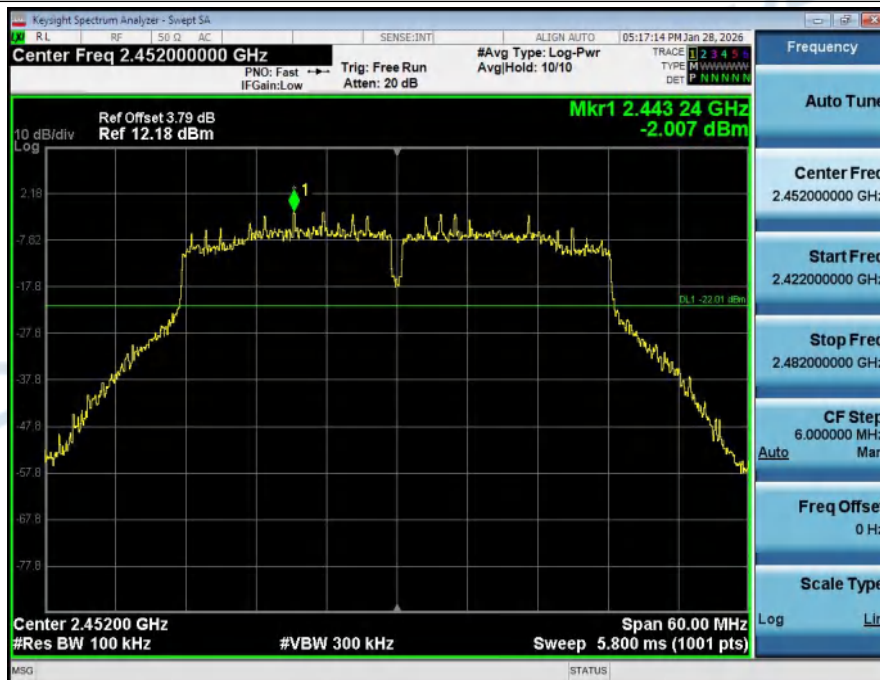
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2_Spurious_Emission_NVNT_ANT2_802_11n(HT40)_2437



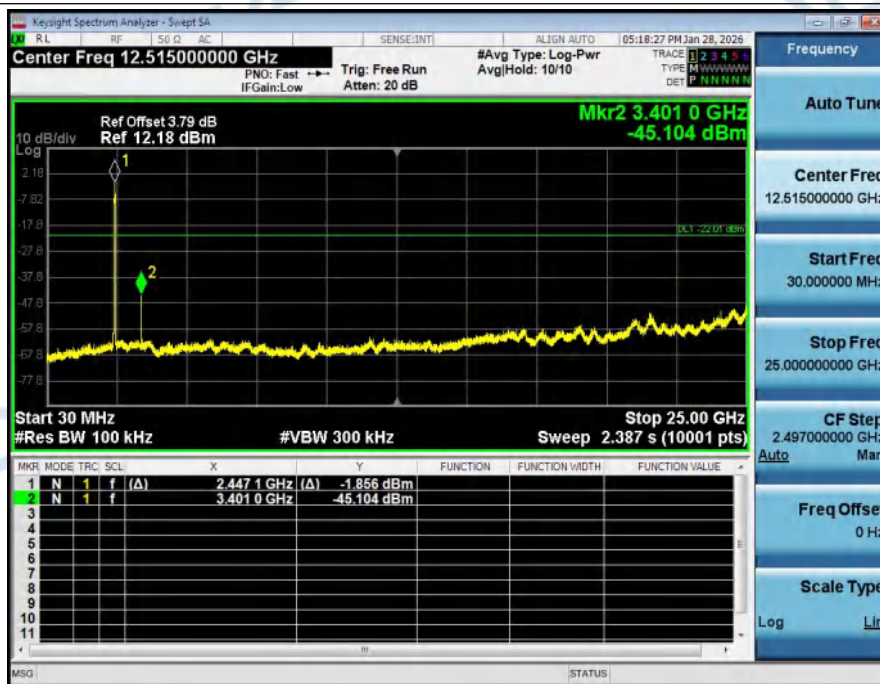
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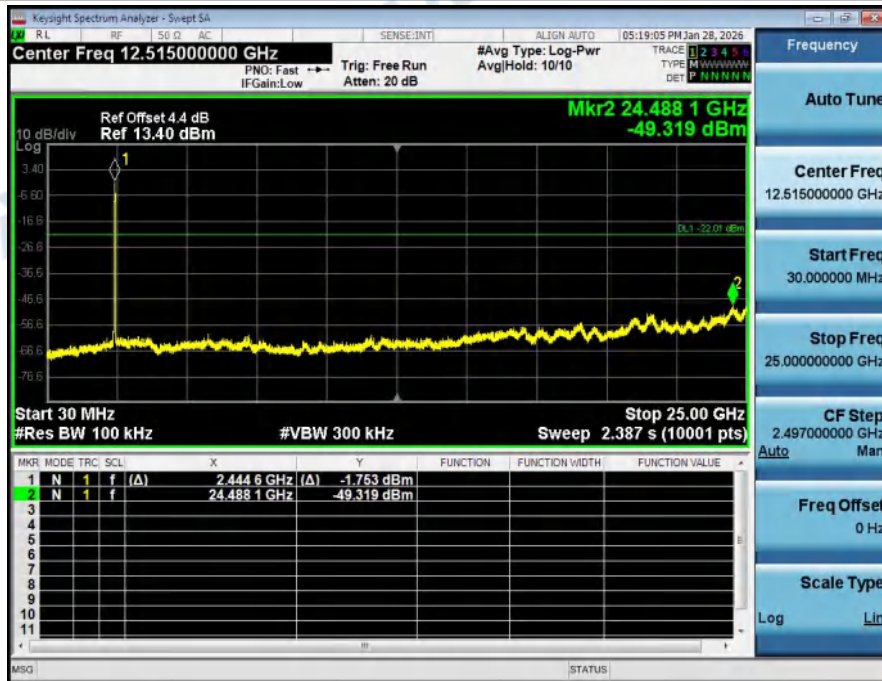
1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2452



2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2452



2_Spurious_Emission_NVNT_ANT2_802_11n(HT40)_2452



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