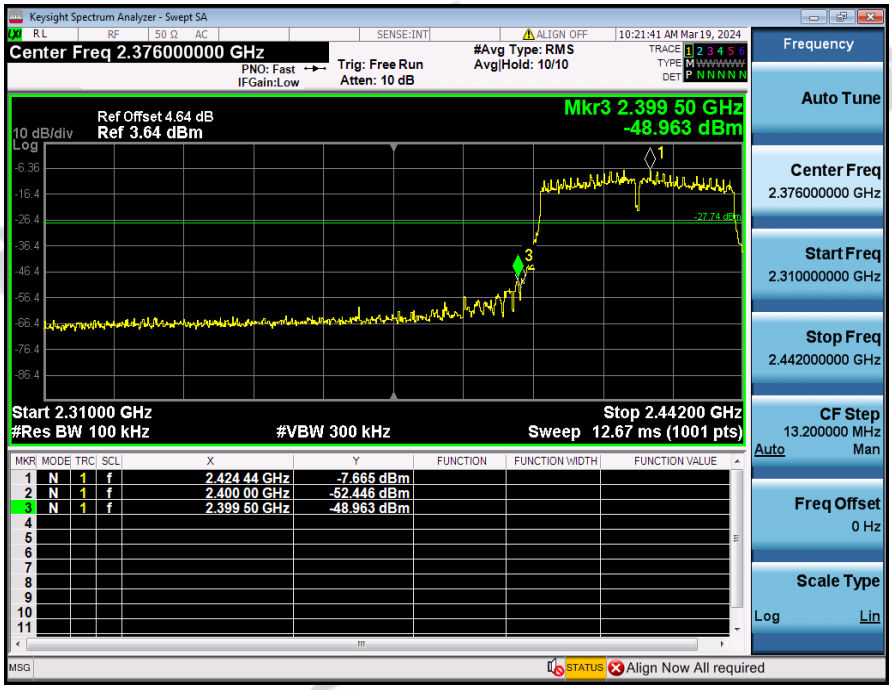
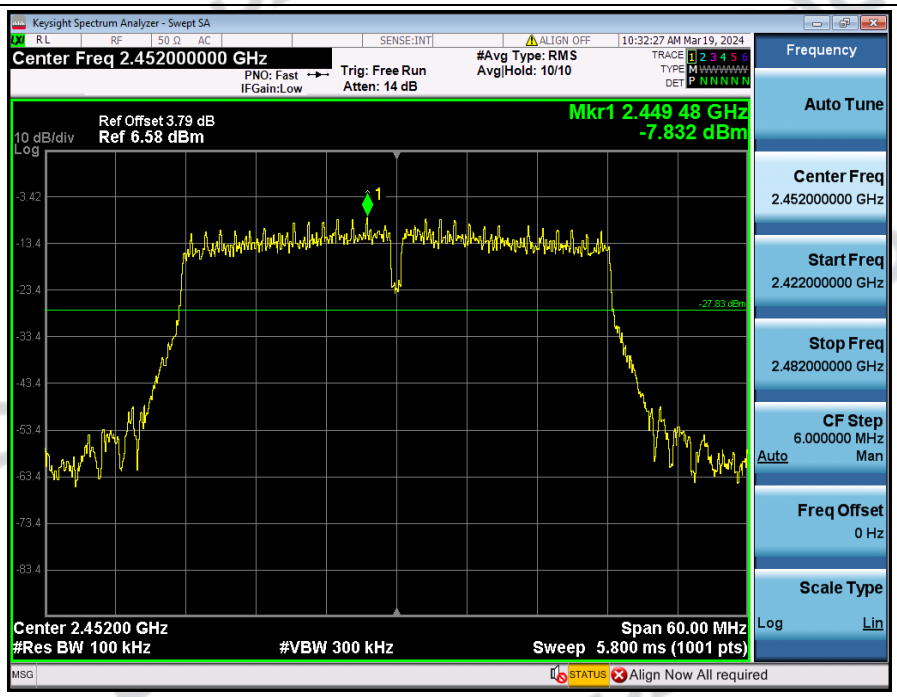


1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



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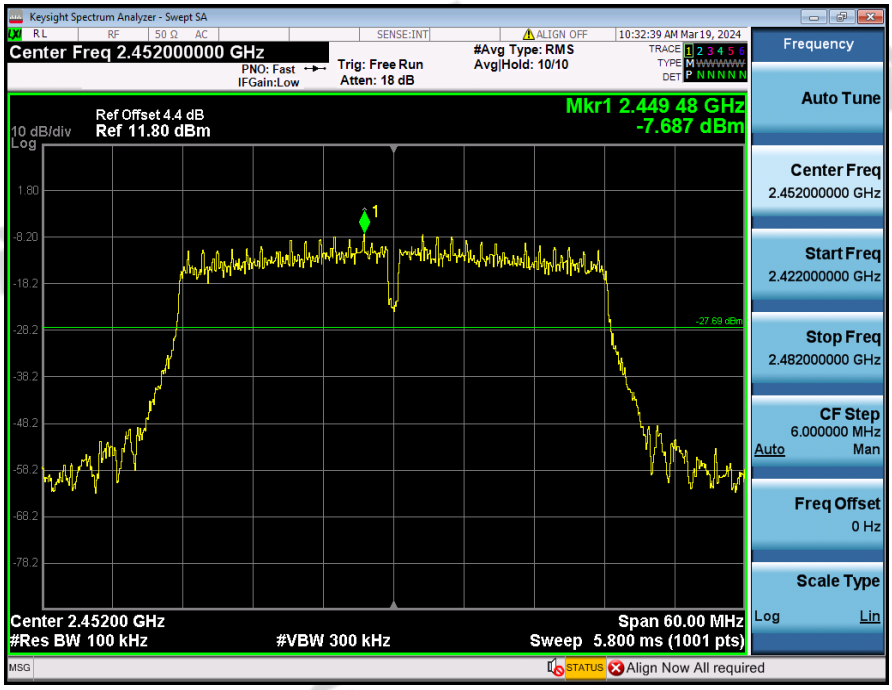

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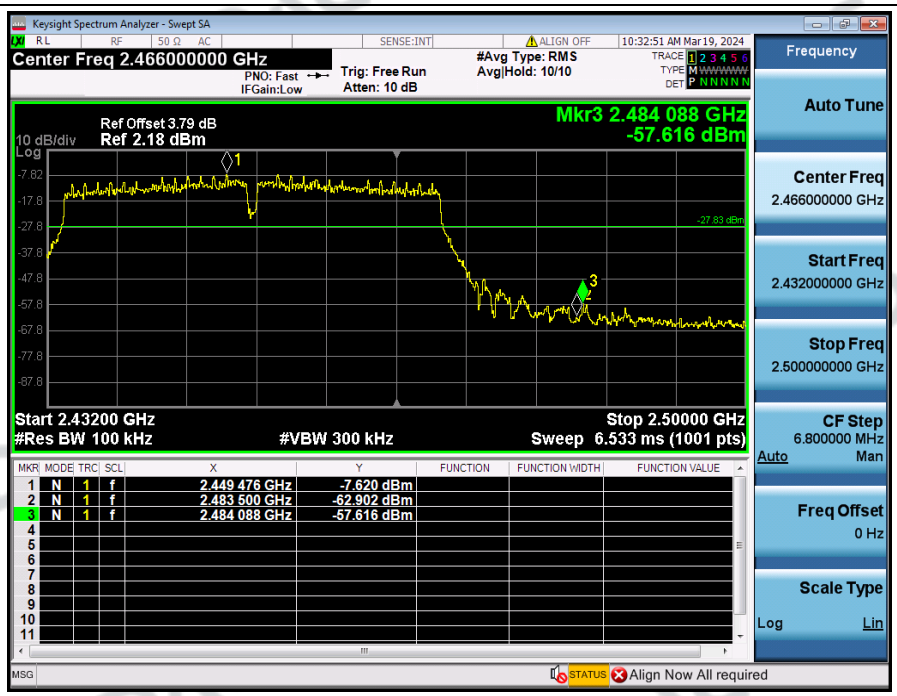

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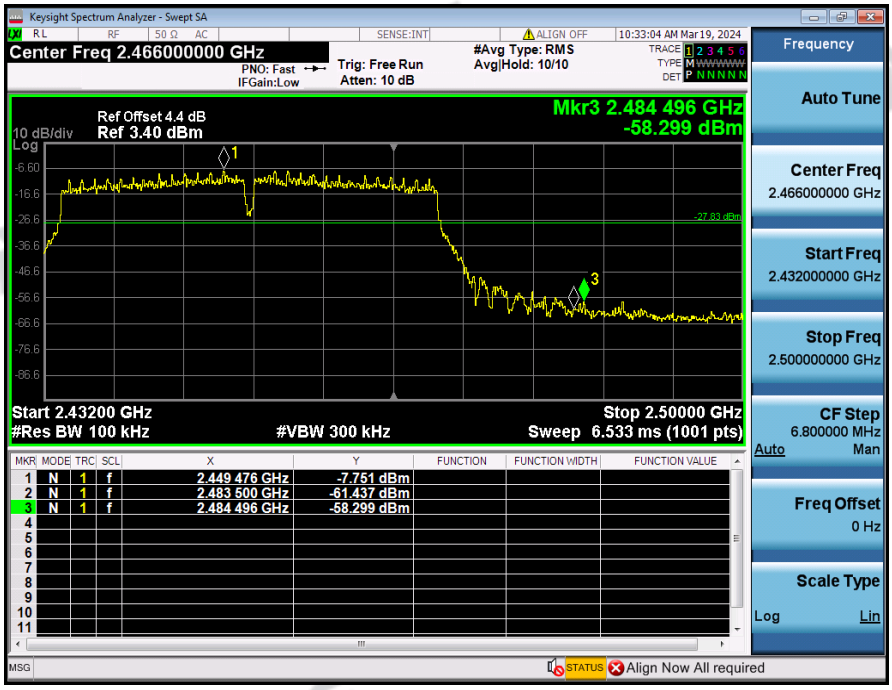

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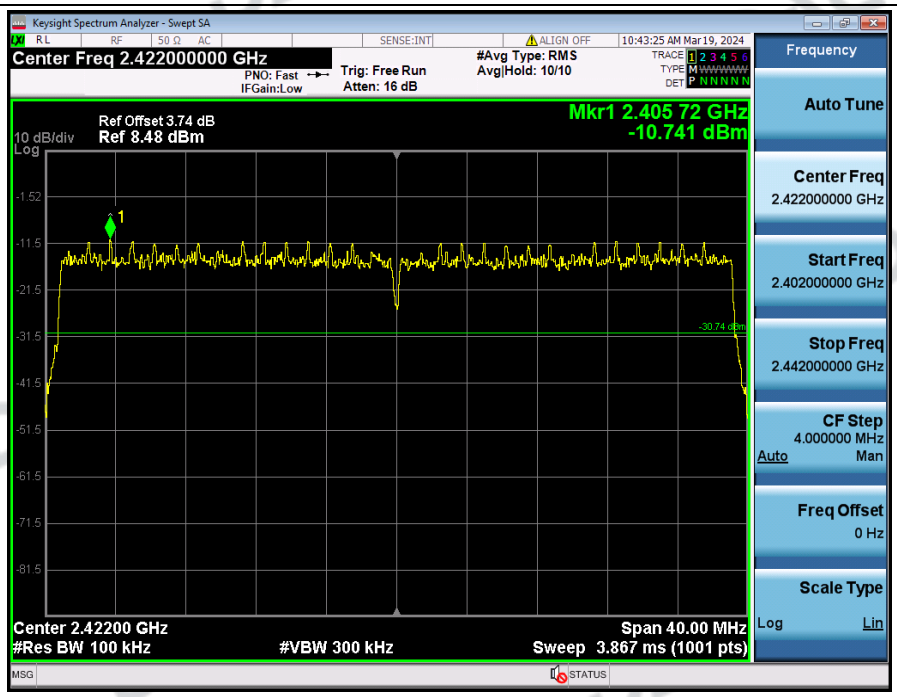

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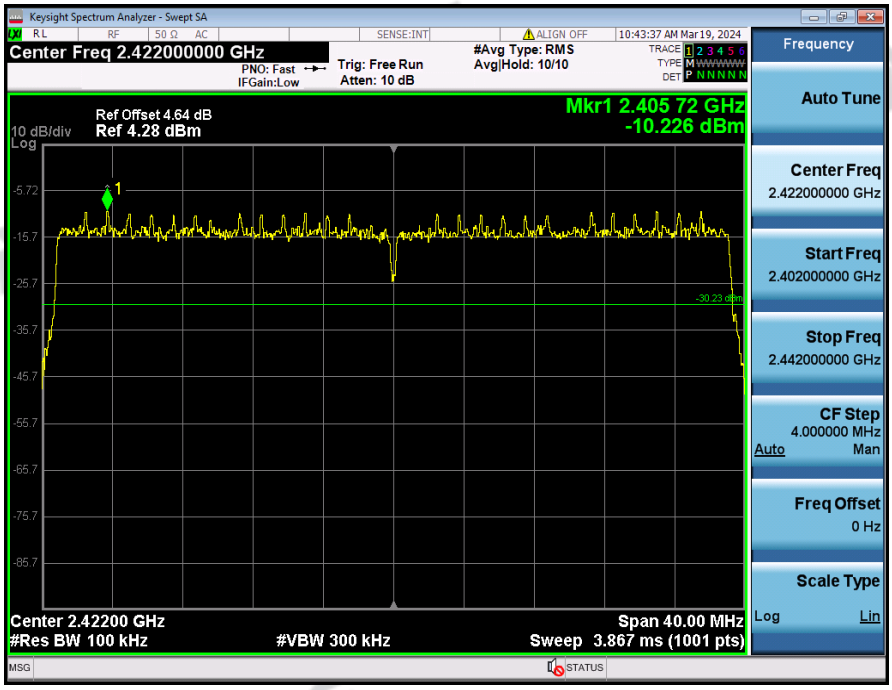

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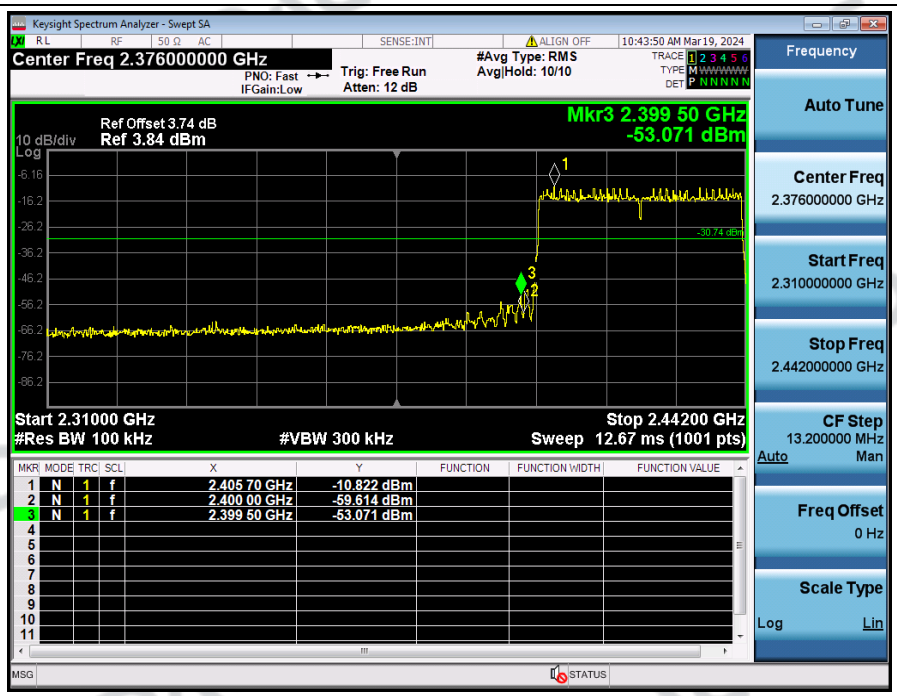

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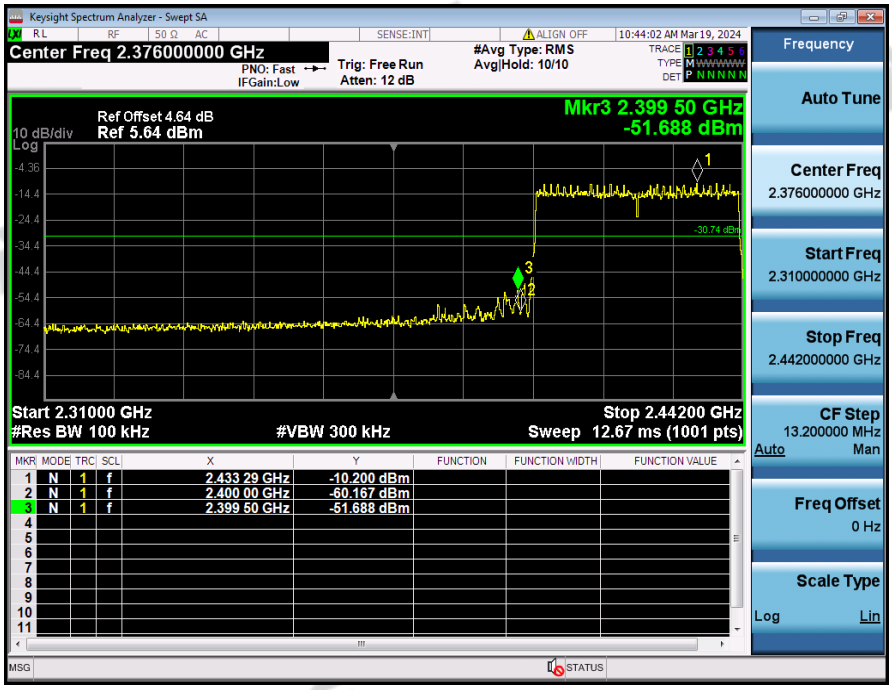

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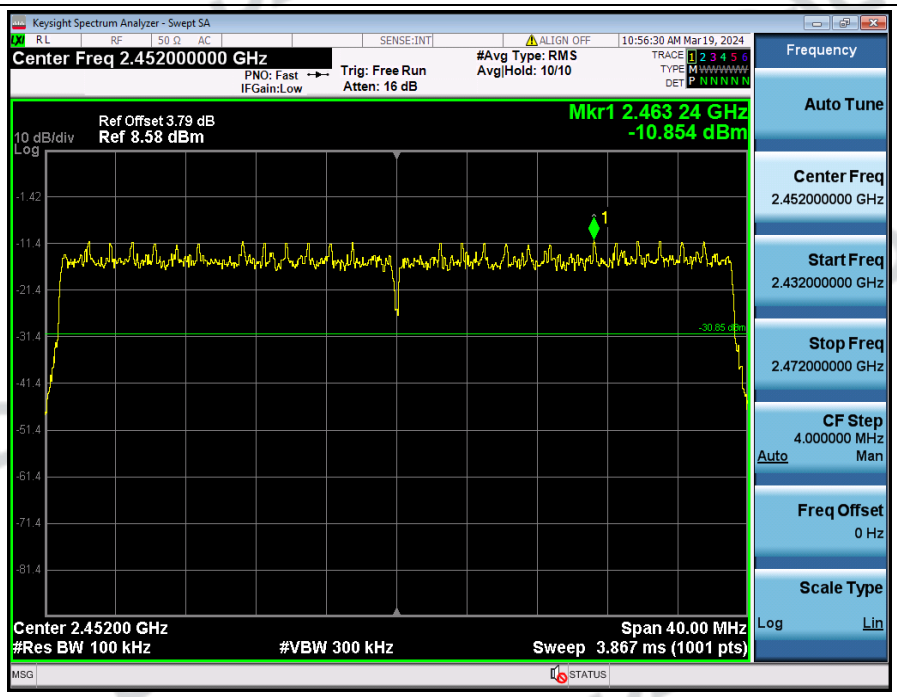

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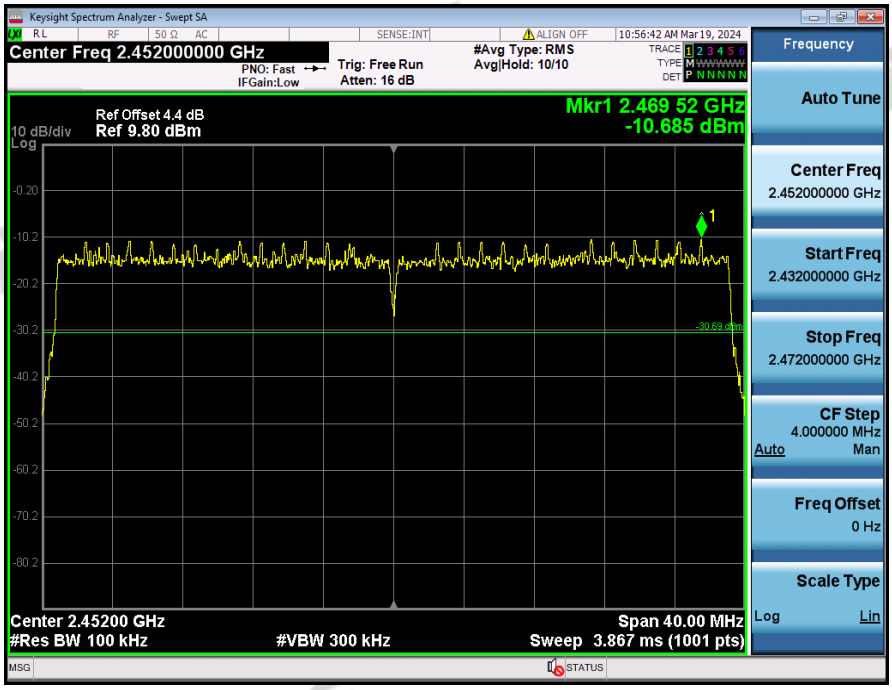

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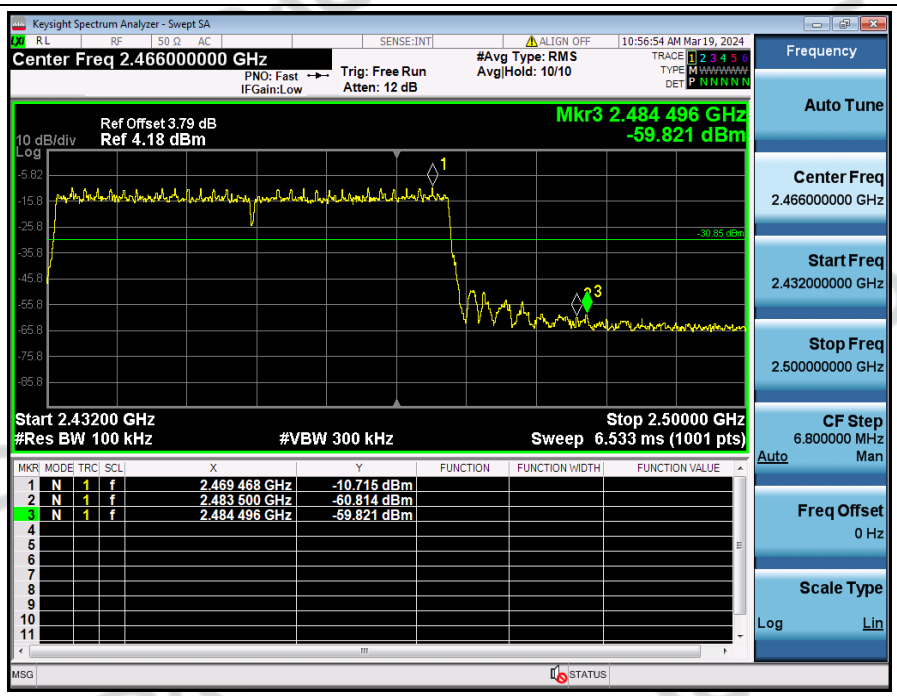
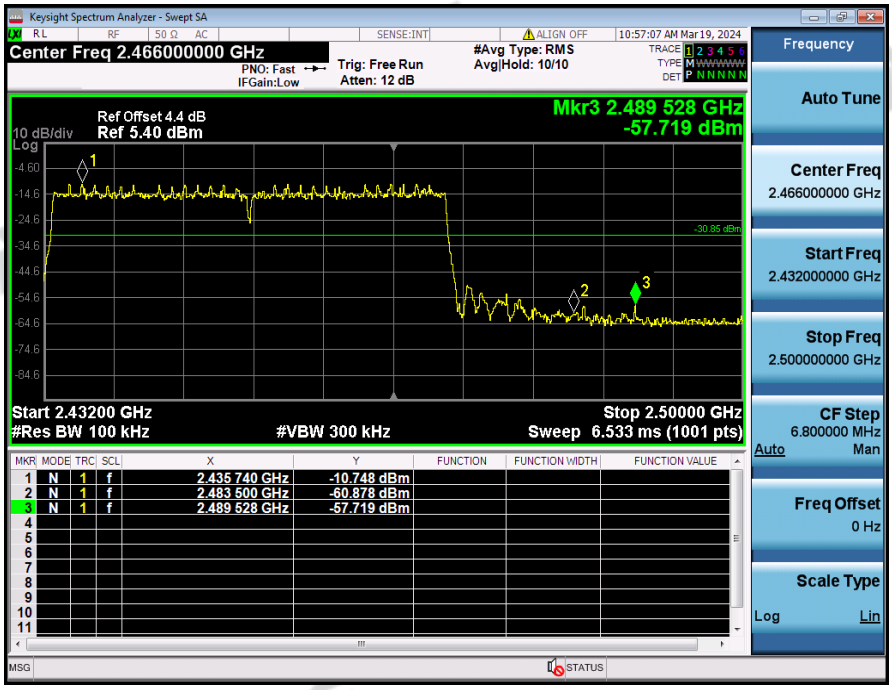


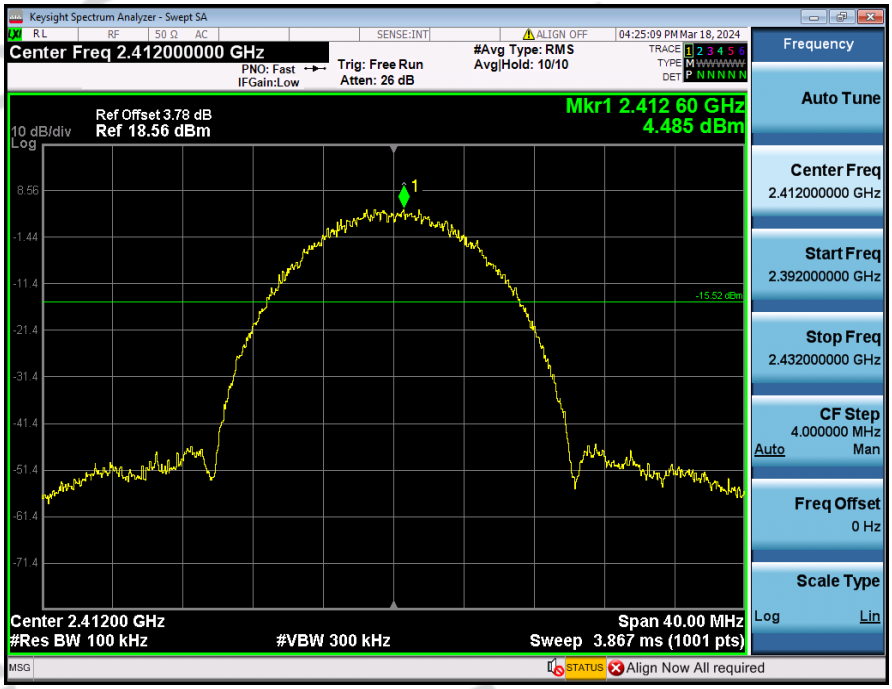
2_Bandedge_NVNT_ANT2_802_11ax(HE40)_2452


Keysight Spectrum Analyzer - Swept SA
Center Freq 2.466000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 12 dB
#Avg Type: RMS
Avg|Hold: 10/10
10:57:07 AM Mar 19, 2024
Ref Offset 4.4 dB
10 dB/div
Ref 5.40 dBm
Log
Mkr3 2.489 528 GHz
-57.719 dBm
-30.85 dBm
Start 2.43200 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.50000 GHz
Sweep 6.533 ms (1001 pts)
1 N 1 f 2.435 740 GHz -10.748 dBm
2 N 1 f 2.483 500 GHz -60.878 dBm
3 N 1 f 2.489 528 GHz -57.719 dBm
Frequency
Auto Tune
Center Freq
2.466000000 GHz
Start Freq
2.432000000 GHz
Stop Freq
2.500000000 GHz
CF Step
6.800000 MHz
Auto Man
Freq Offset
0 Hz
Scale Type
Log Lin

6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Mark freq. (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24548.043	-49.240	-15.515	Pass
NVNT	ANT2	802.11b	2412.00	24523.073	-48.890	-15.515	Pass
NVNT	ANT1	802.11b	2437.00	24488.115	-47.747	-18.363	Pass
NVNT	ANT2	802.11b	2437.00	24622.953	-47.285	-18.363	Pass
NVNT	ANT1	802.11b	2462.00	24922.593	-51.771	-17.882	Pass
NVNT	ANT2	802.11b	2462.00	24513.085	-50.991	-17.882	Pass
NVNT	ANT1	802.11g	2412.00	24553.037	-57.929	-23.760	Pass
NVNT	ANT2	802.11g	2412.00	24992.509	-55.492	-23.760	Pass
NVNT	ANT1	802.11g	2437.00	24018.679	-57.445	-24.046	Pass
NVNT	ANT2	802.11g	2437.00	24573.013	-57.344	-24.046	Pass
NVNT	ANT1	802.11g	2462.00	24533.061	-53.299	-24.117	Pass
NVNT	ANT2	802.11g	2462.00	24917.599	-52.297	-24.117	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24046.146	-53.396	-25.026	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	24897.623	-53.179	-25.026	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24972.533	-53.747	-24.650	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	24573.013	-52.835	-24.650	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24970.036	-59.271	-25.291	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	24498.103	-58.051	-25.291	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	24975.030	-61.652	-27.726	Pass
NVNT	ANT2	802.11ax(HE20)	2412.00	24920.096	-60.928	-27.726	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	24897.623	-61.282	-27.812	Pass
NVNT	ANT2	802.11ax(HE20)	2437.00	24533.061	-60.767	-27.812	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	24036.158	-60.948	-28.511	Pass
NVNT	ANT2	802.11ax(HE20)	2462.00	24500.600	-61.091	-28.511	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	24523.073	-60.986	-27.738	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	24548.043	-60.662	-27.738	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	24922.593	-61.679	-28.054	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	24500.600	-61.720	-28.054	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	24520.576	-62.097	-27.832	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	24605.474	-61.395	-27.832	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	24915.102	-59.397	-30.741	Pass
NVNT	ANT2	802.11ax(HE40)	2422.00	24490.612	-57.867	-30.741	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	24573.013	-60.304	-30.721	Pass
NVNT	ANT2	802.11ax(HE40)	2437.00	24942.569	-59.045	-30.721	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	24932.581	-58.852	-30.854	Pass
NVNT	ANT2	802.11ax(HE40)	2452.00	24917.599	-59.199	-30.854	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412



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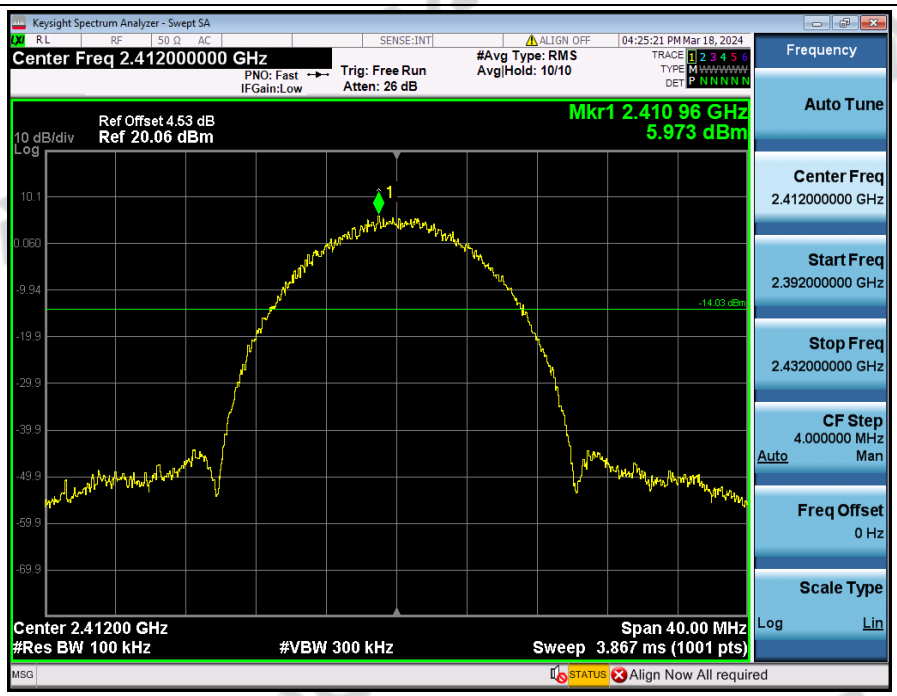
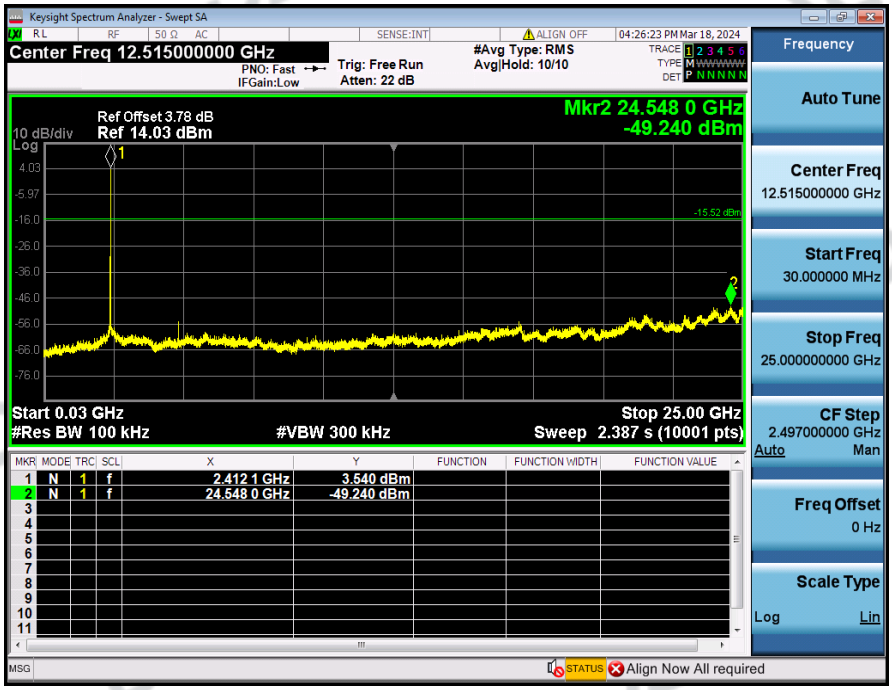


2_Spurious_Emission_NVNT_ANT1_802_11b_2412



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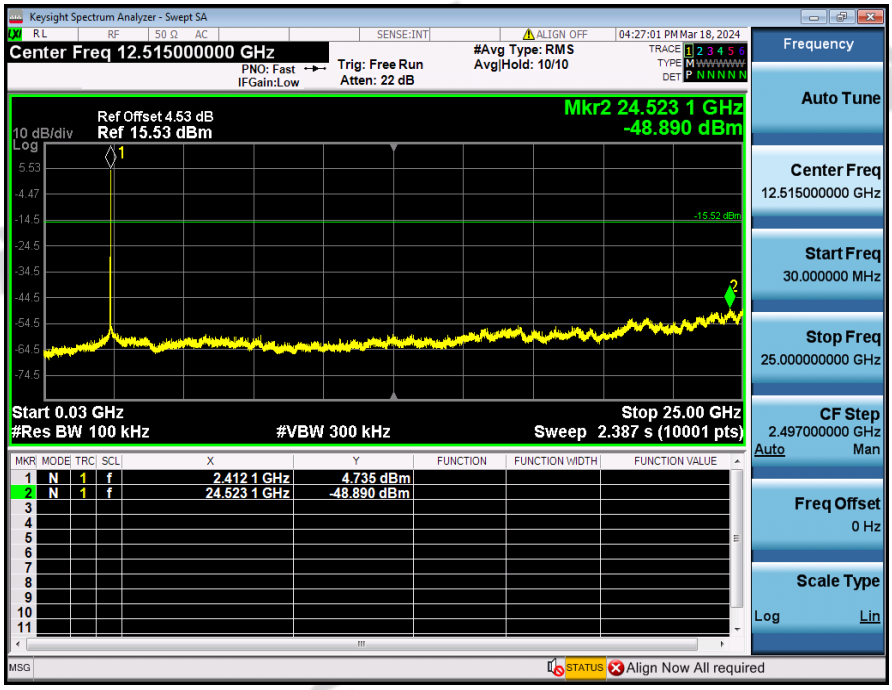

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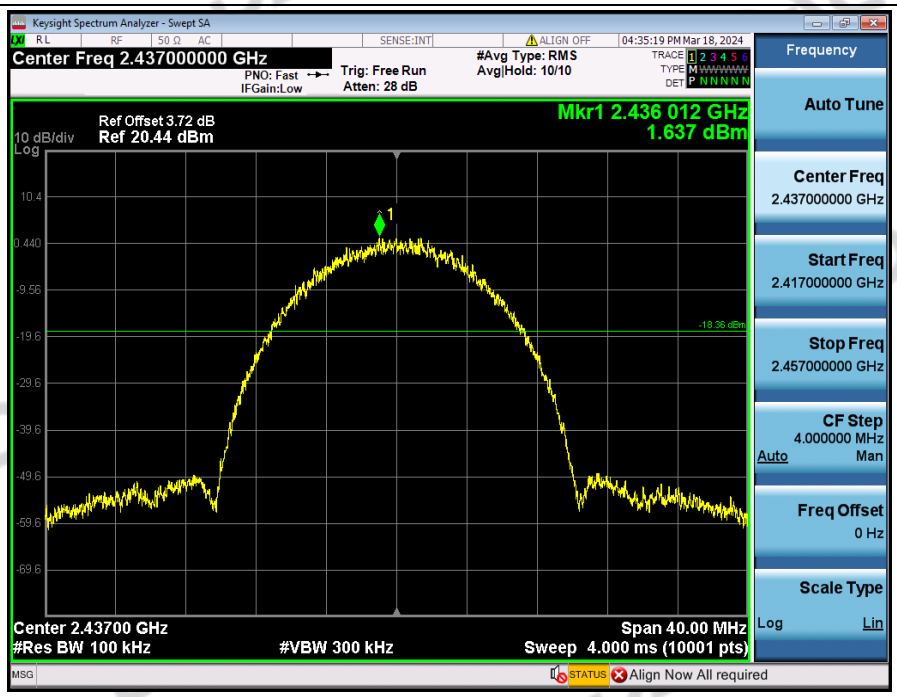

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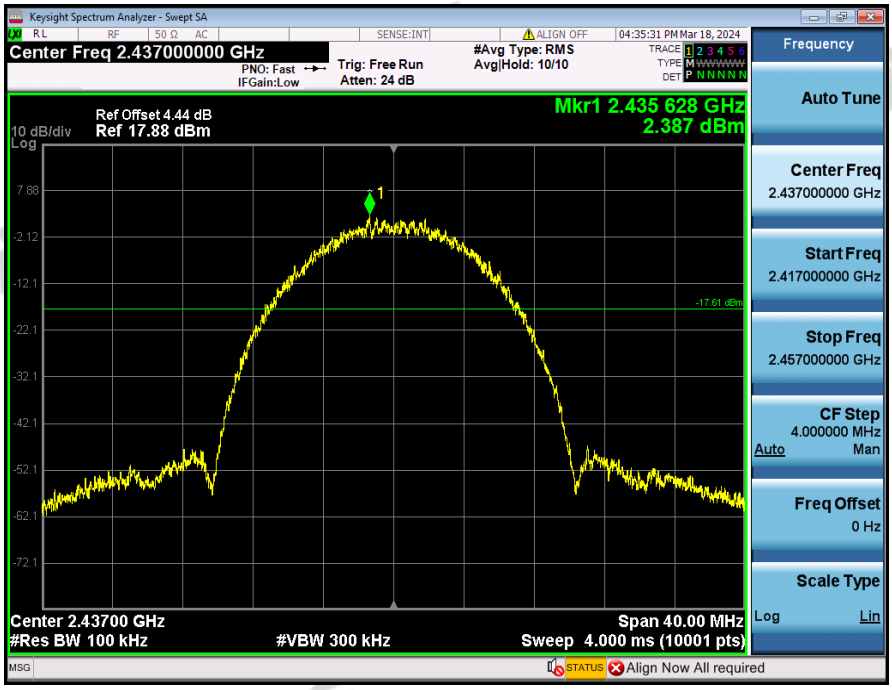

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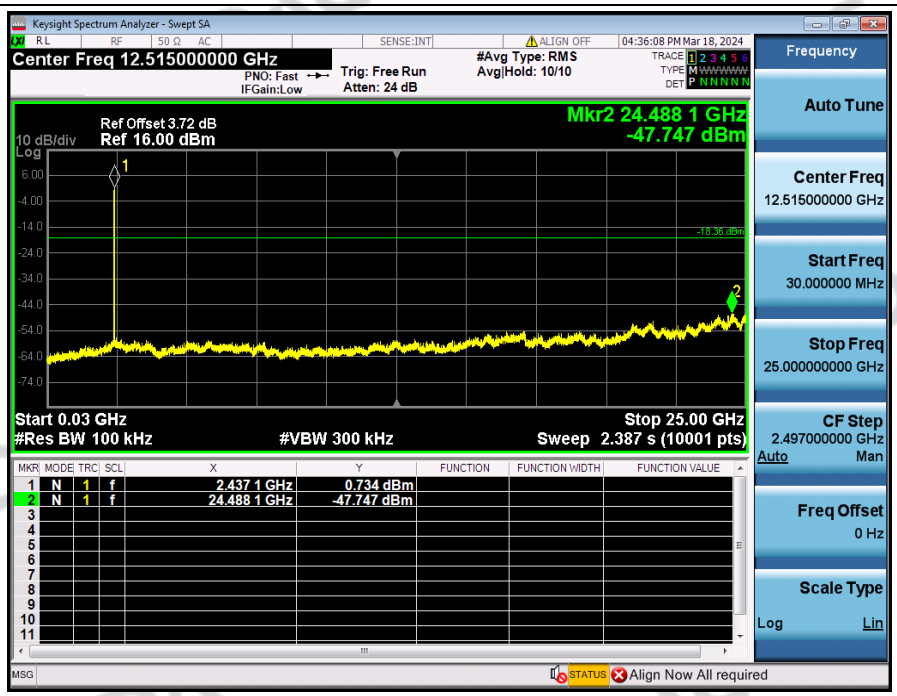

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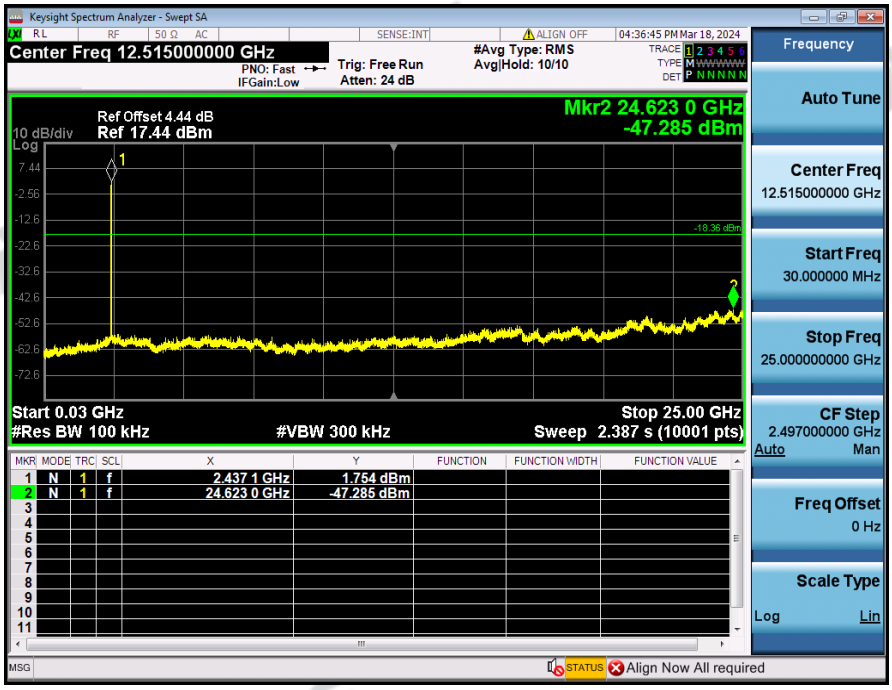

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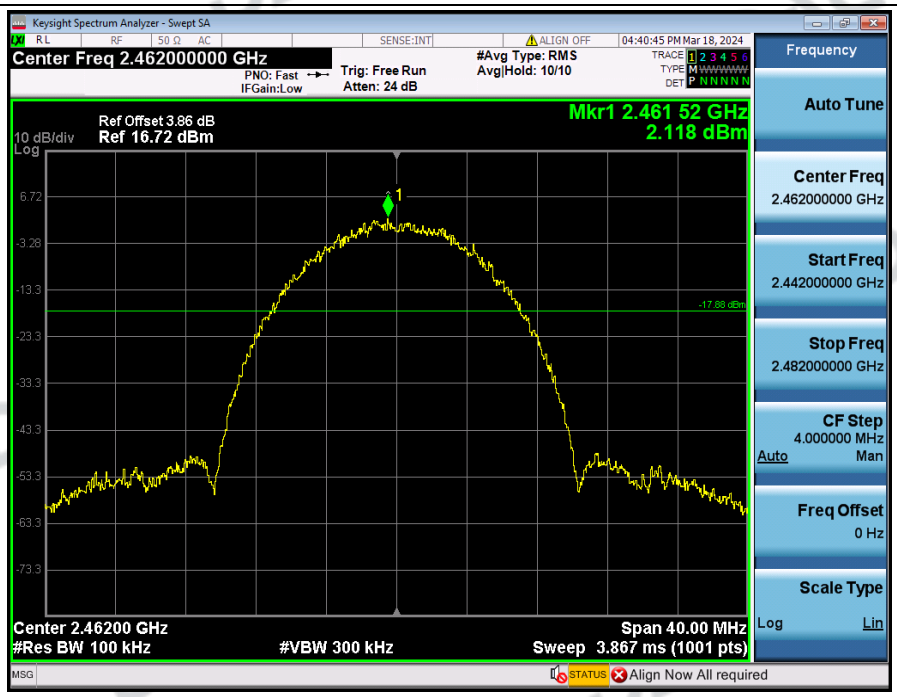

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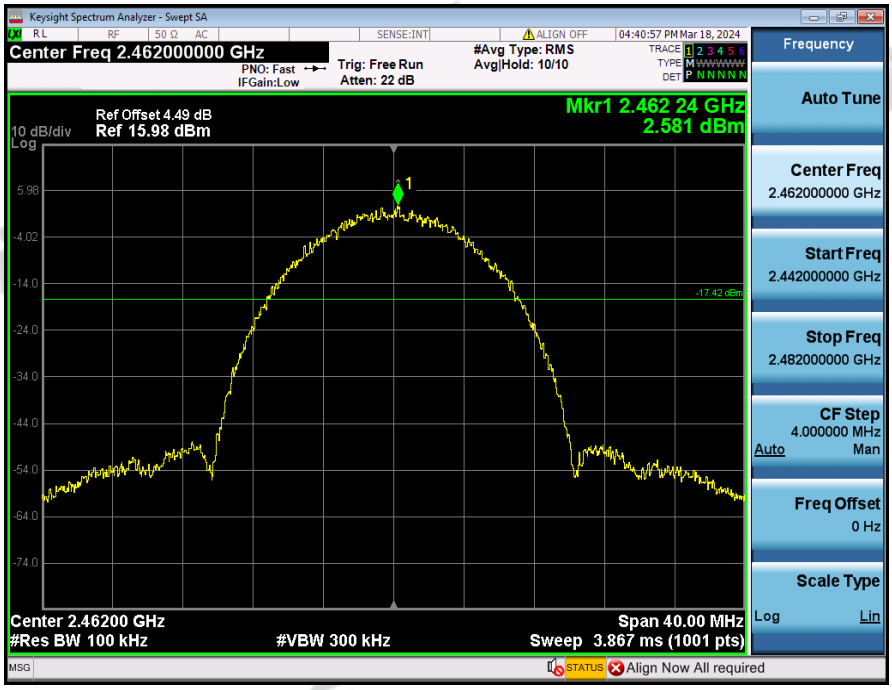

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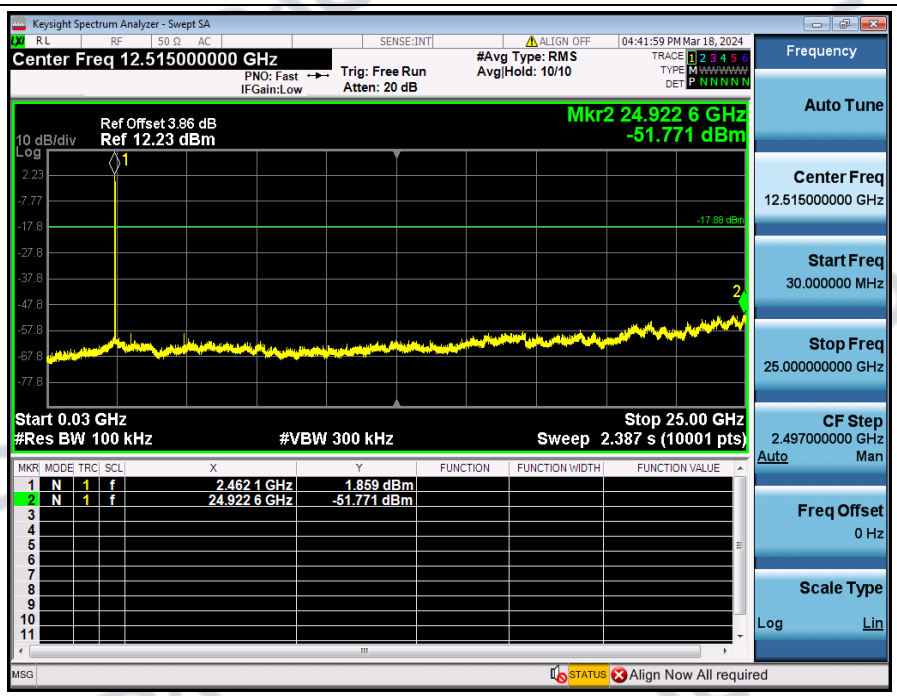

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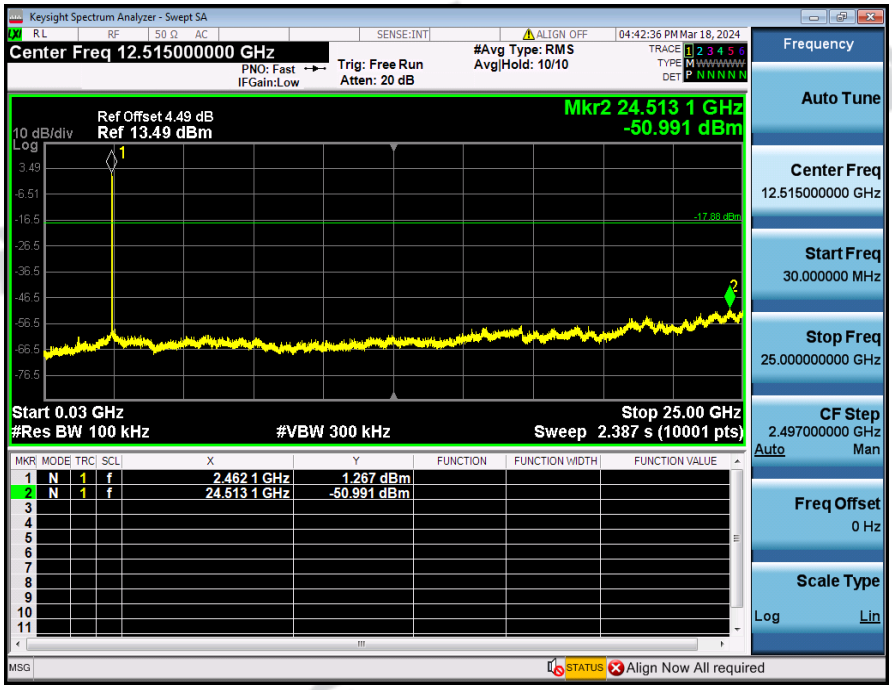

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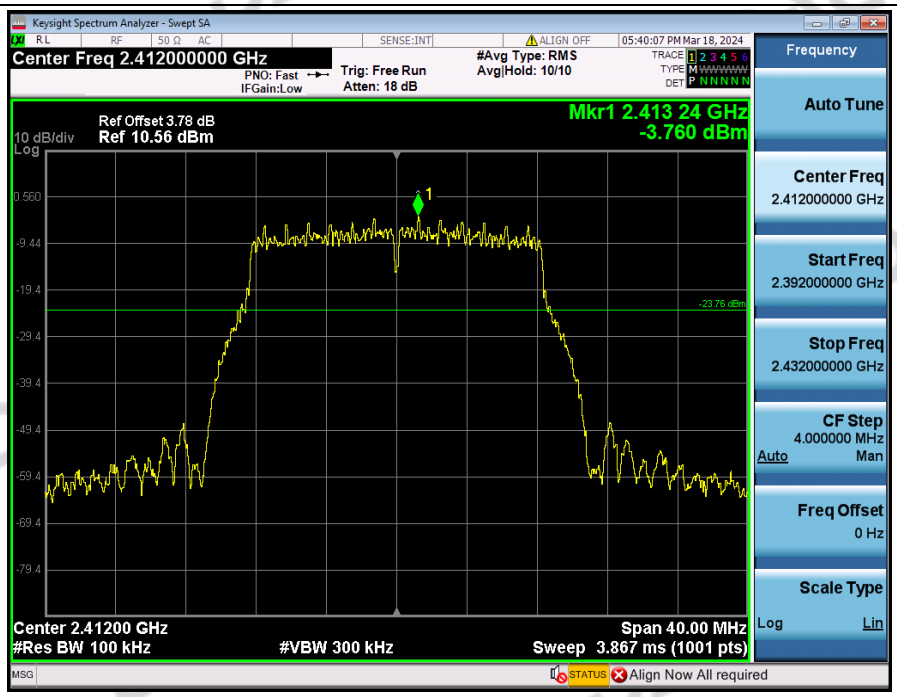

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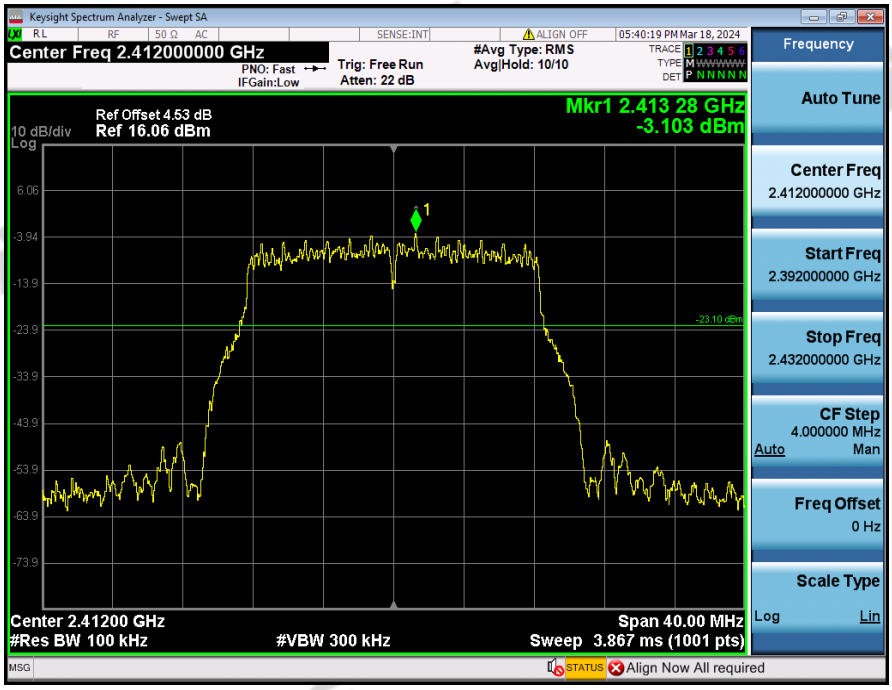

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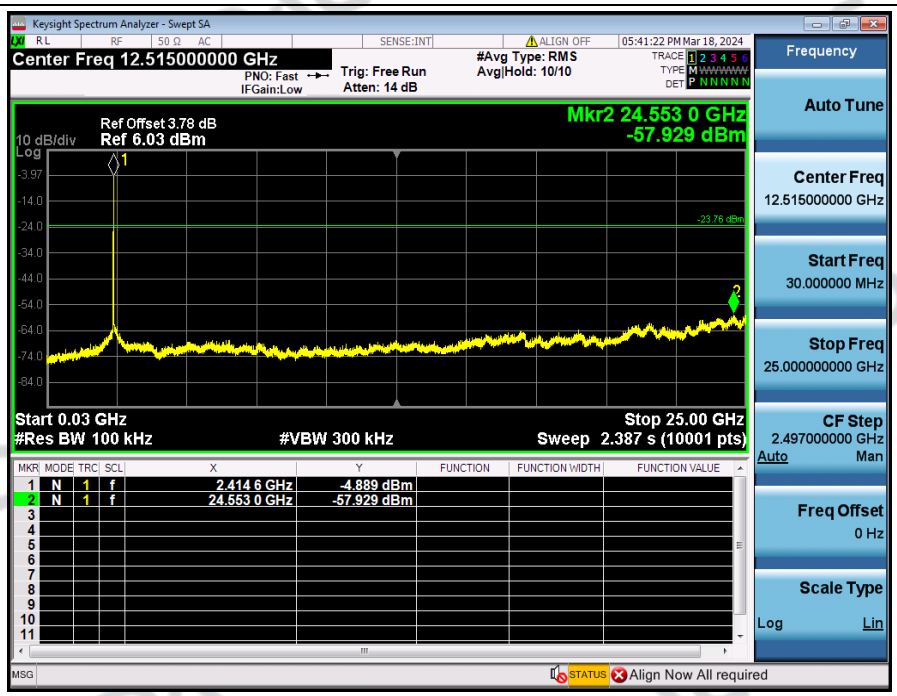

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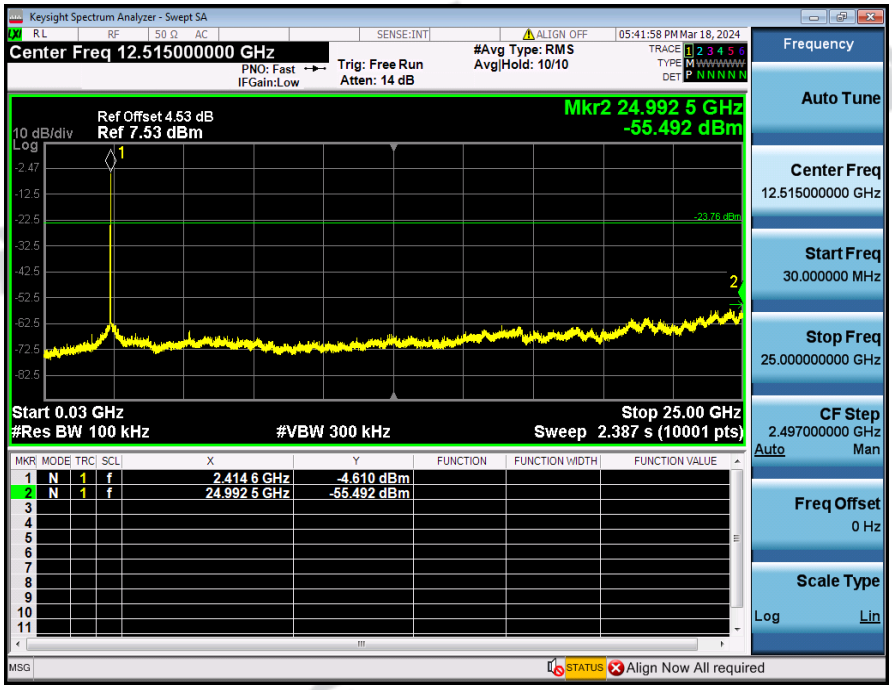

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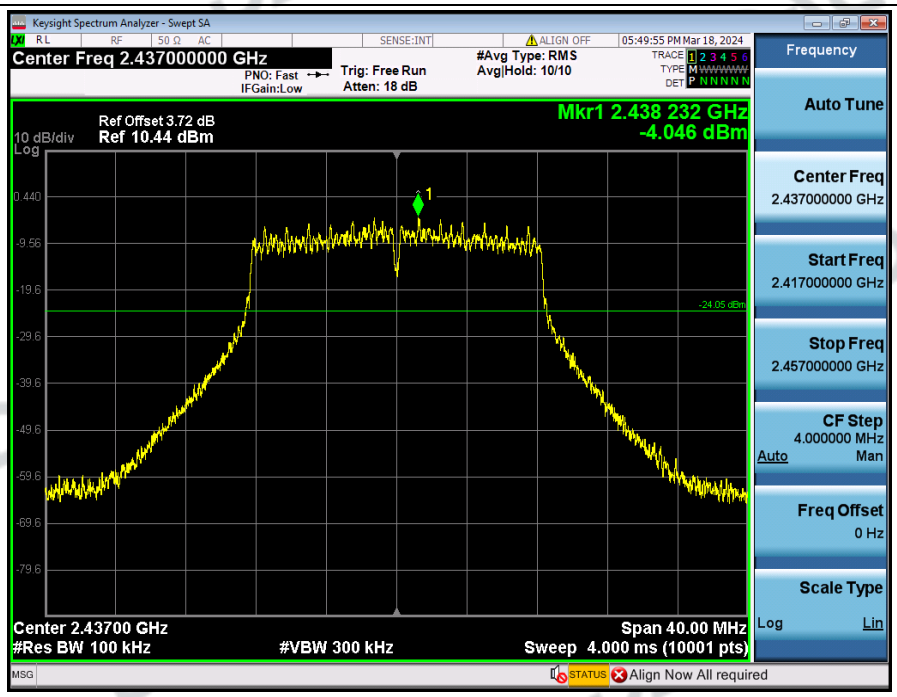

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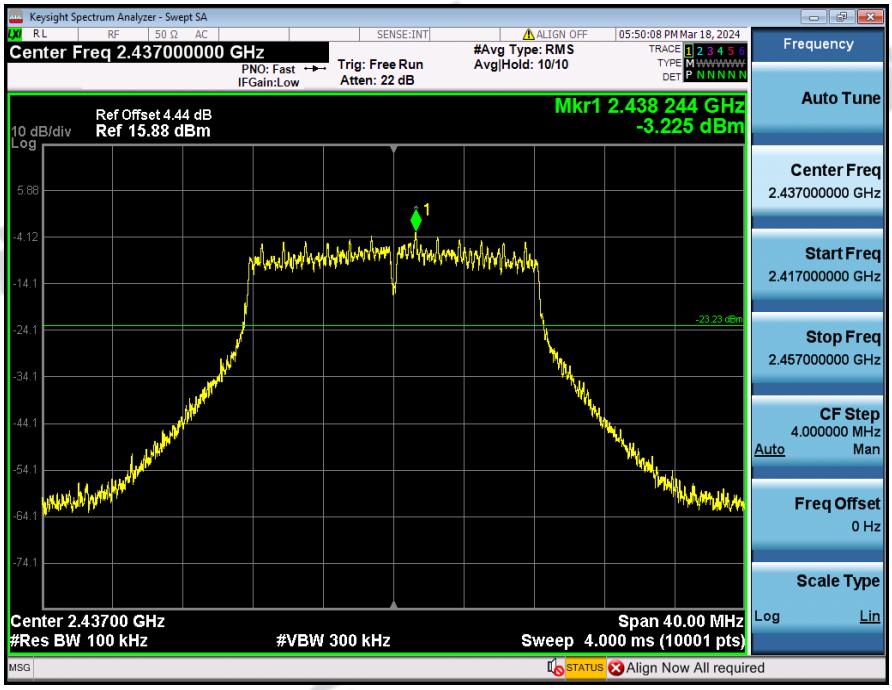

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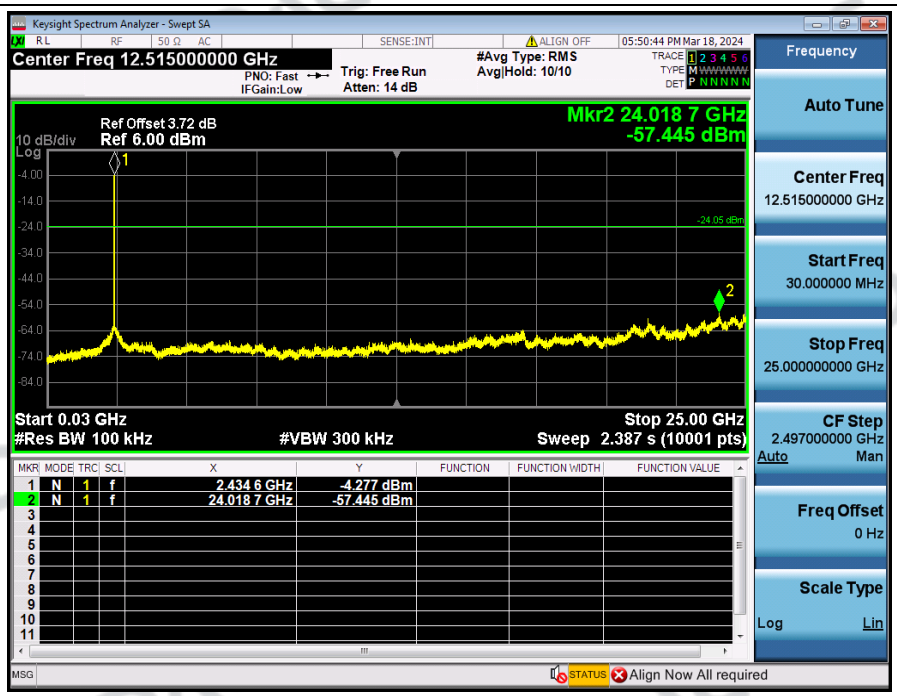

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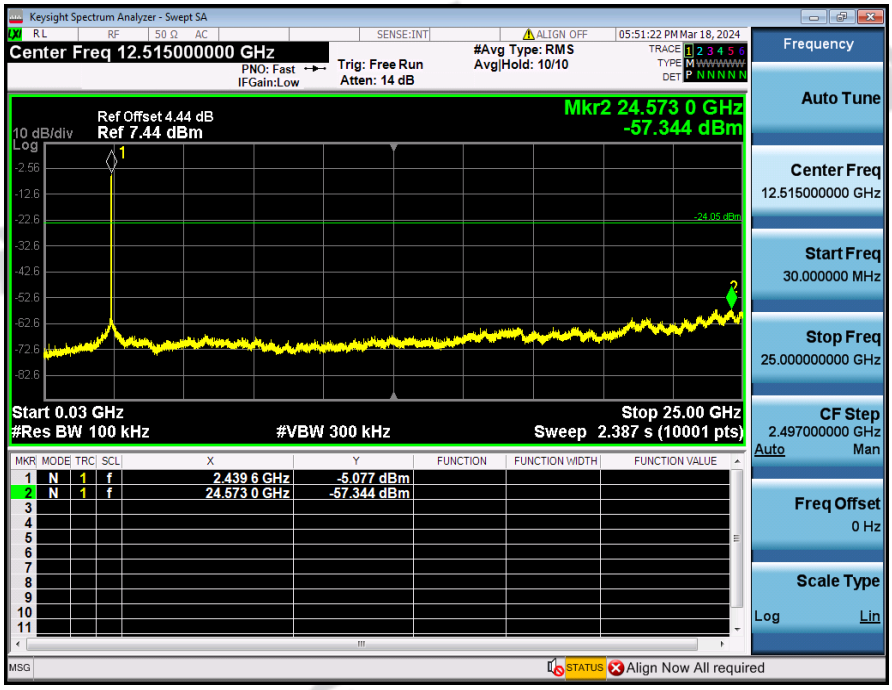
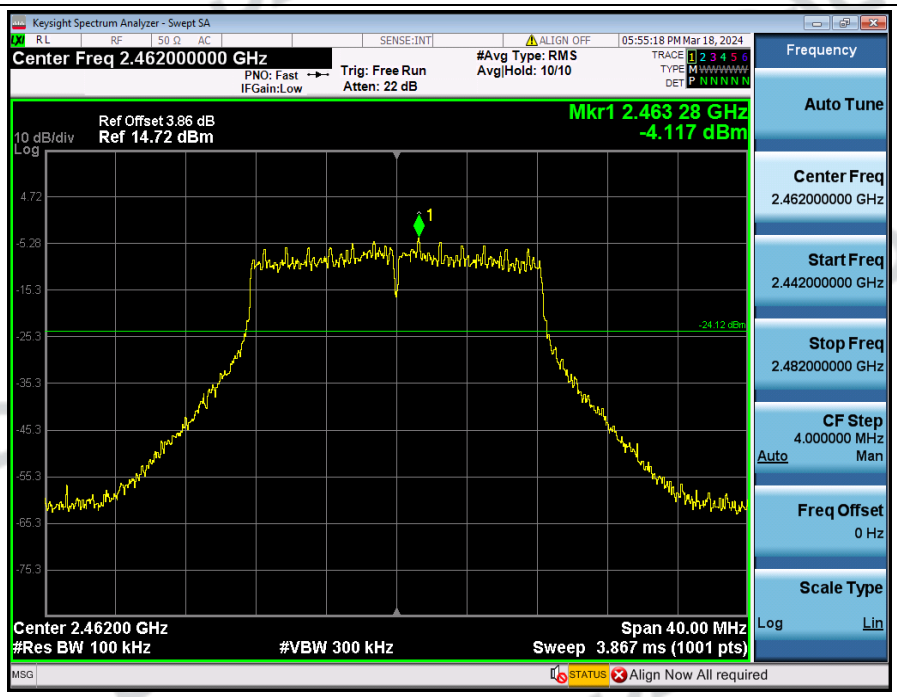
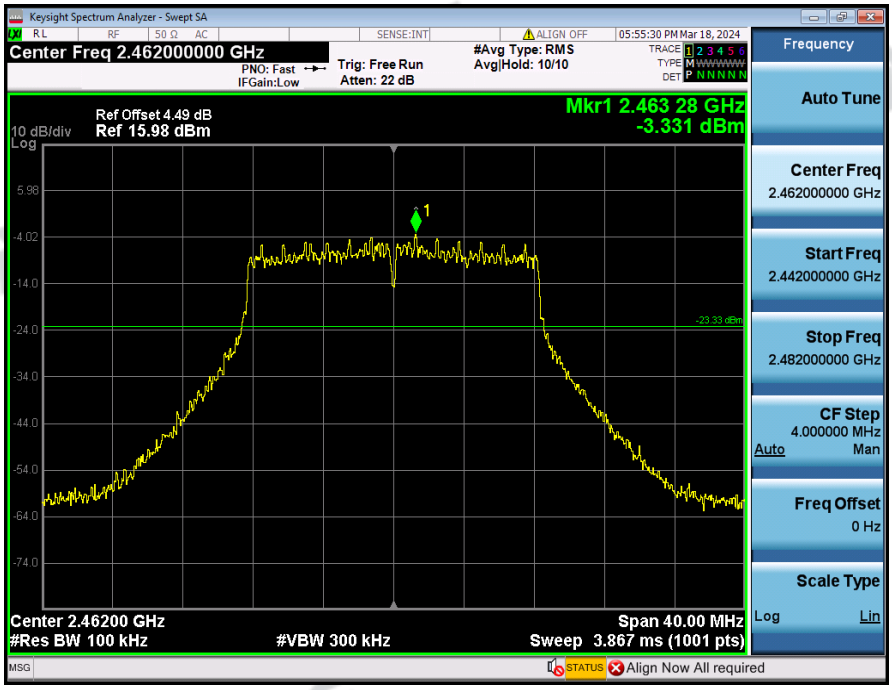


1_Reference_Level_NVNT_ANT1_802_11g_2462



1_Reference_Level_NVNT_ANT2_802_11g_2462



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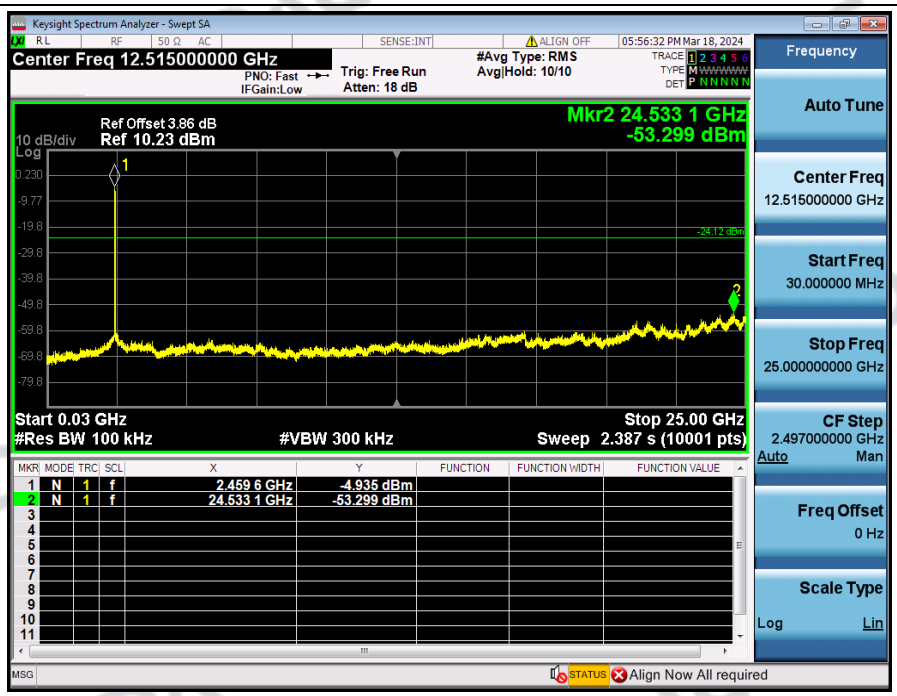
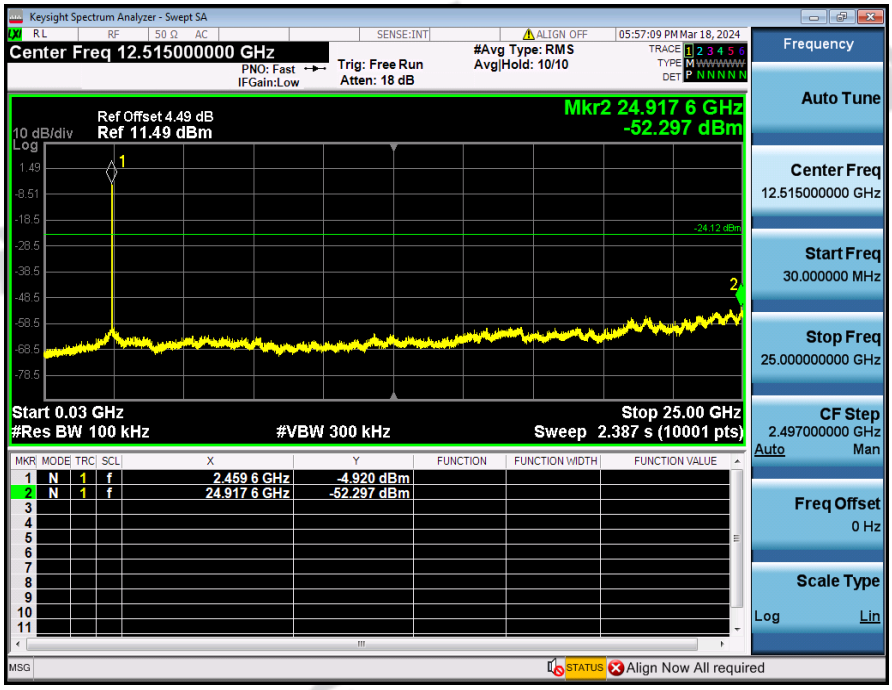
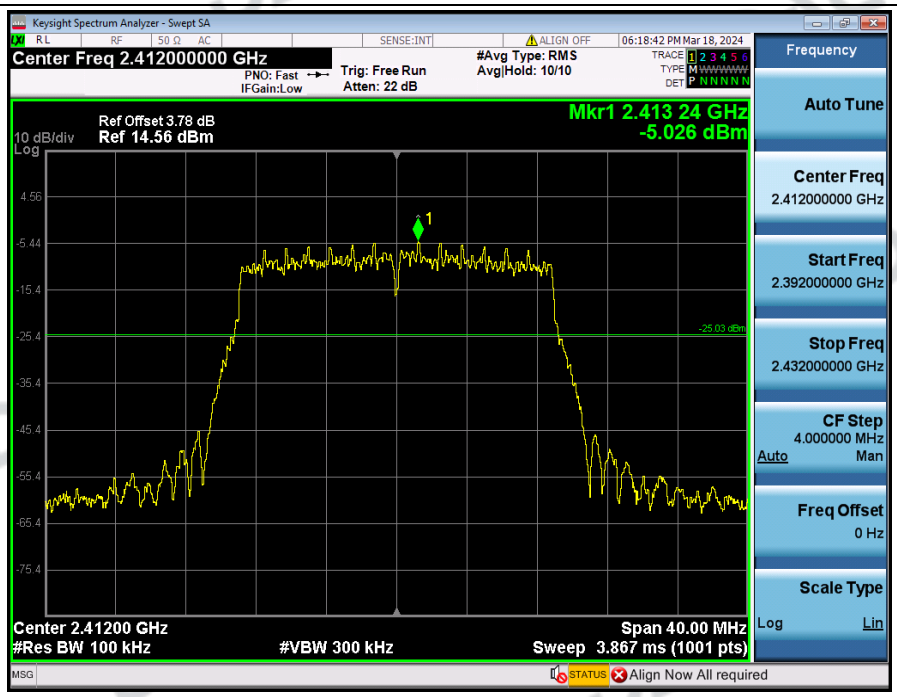


2_Spurious_Emission_NVNT_ANT2_802_11g_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



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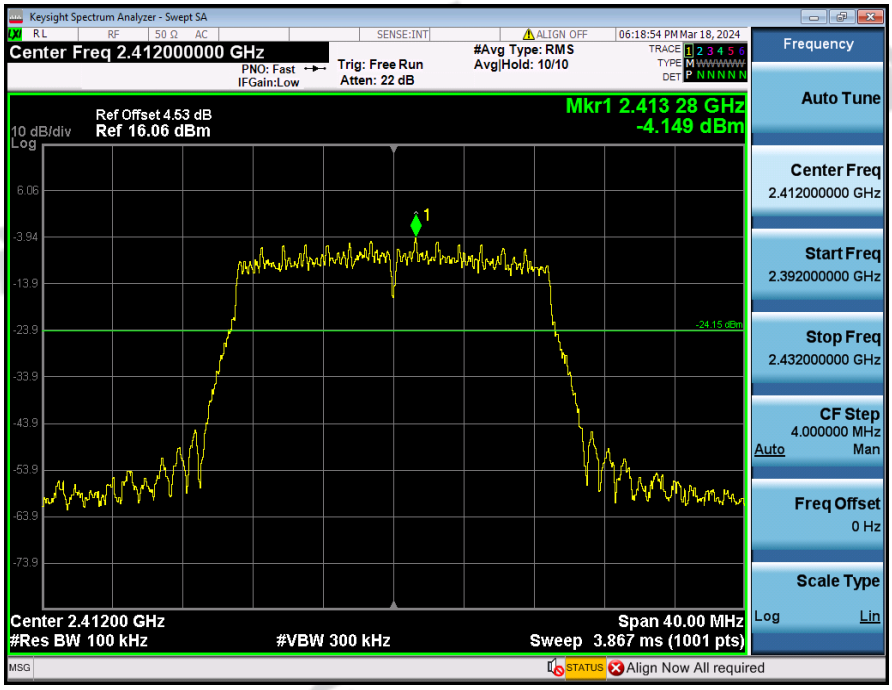
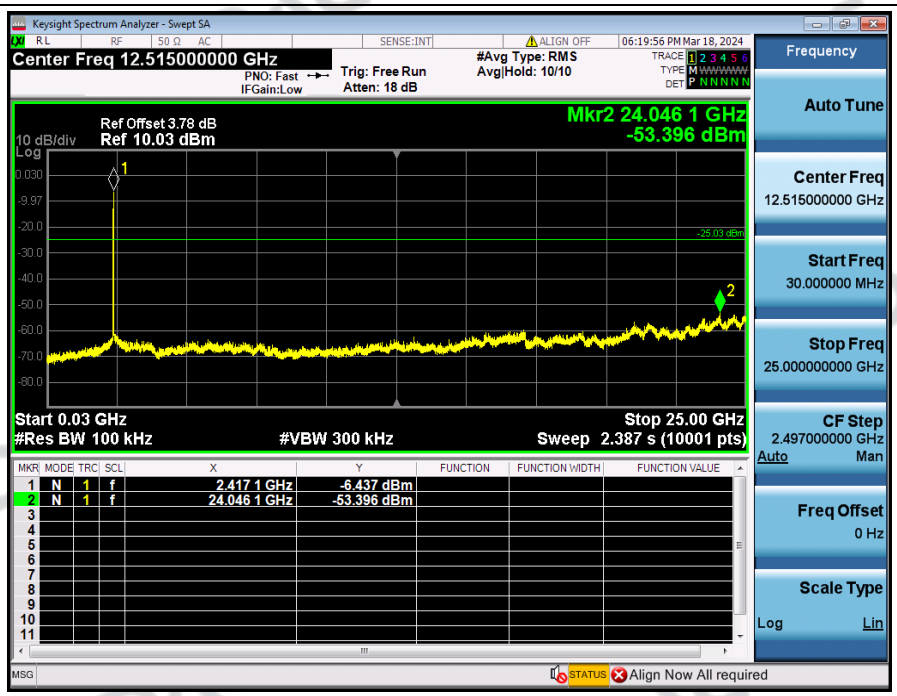


2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2412



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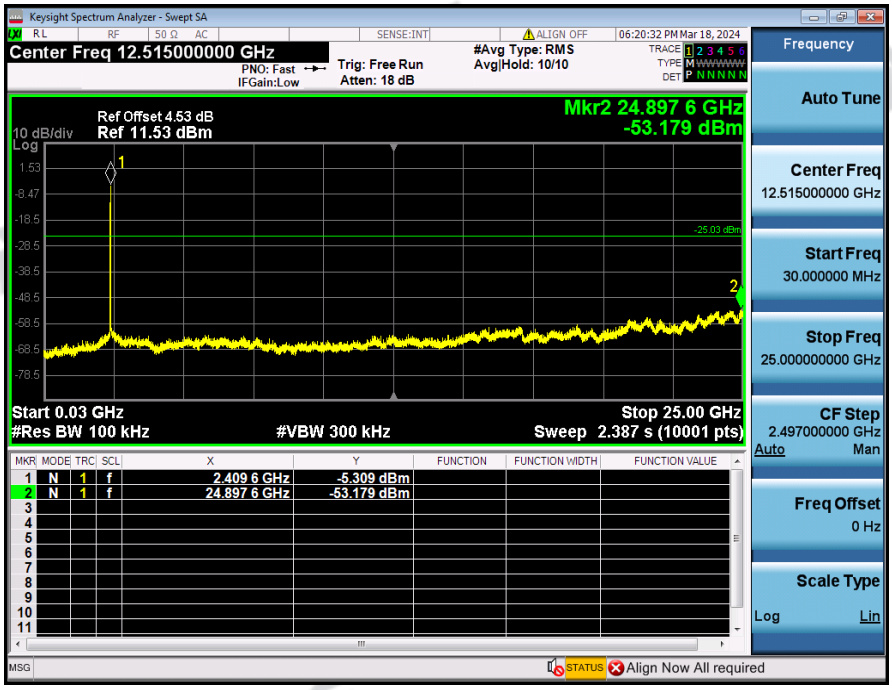
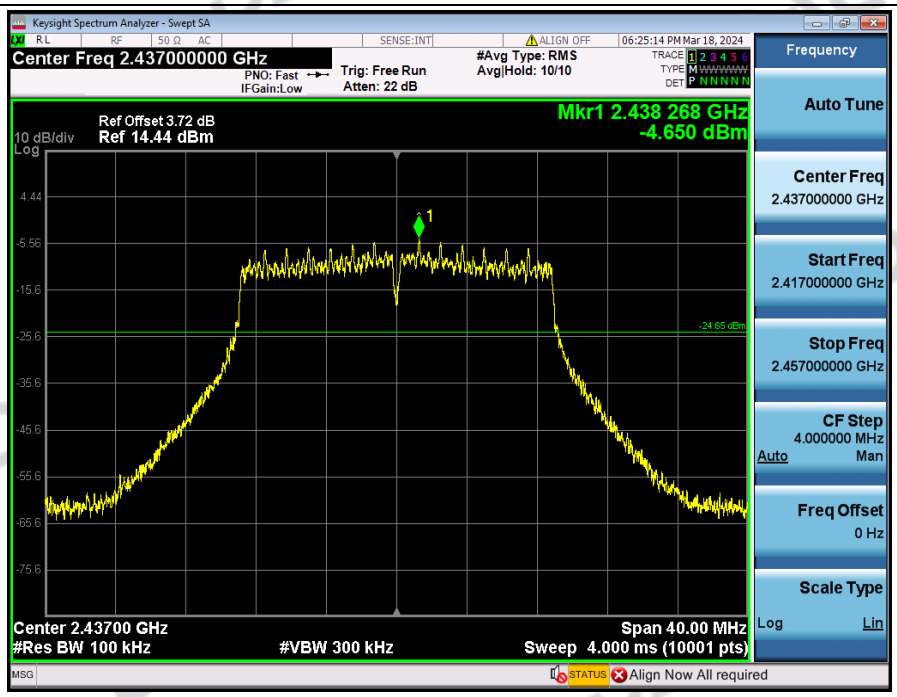


1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2437



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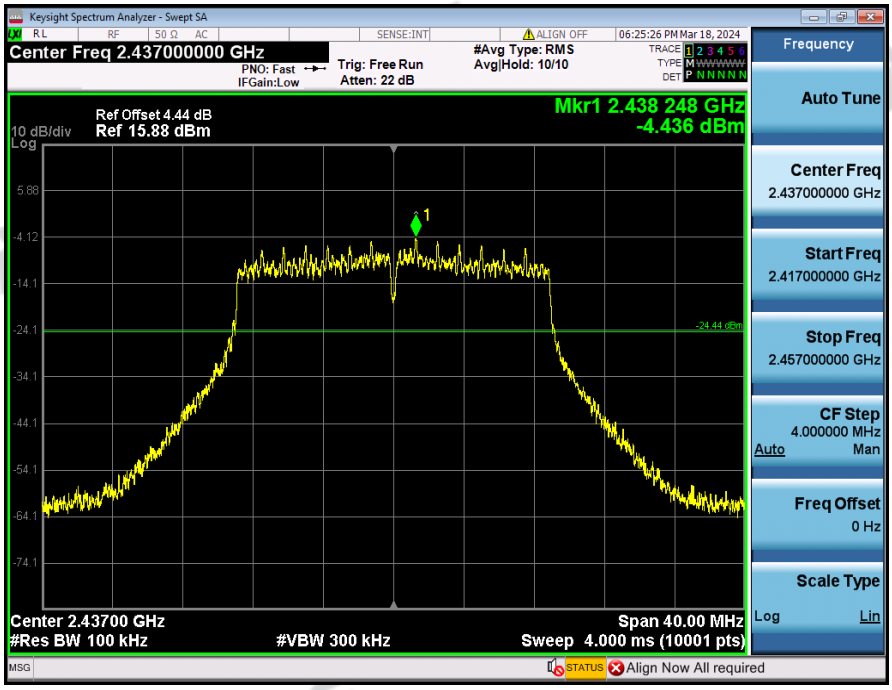

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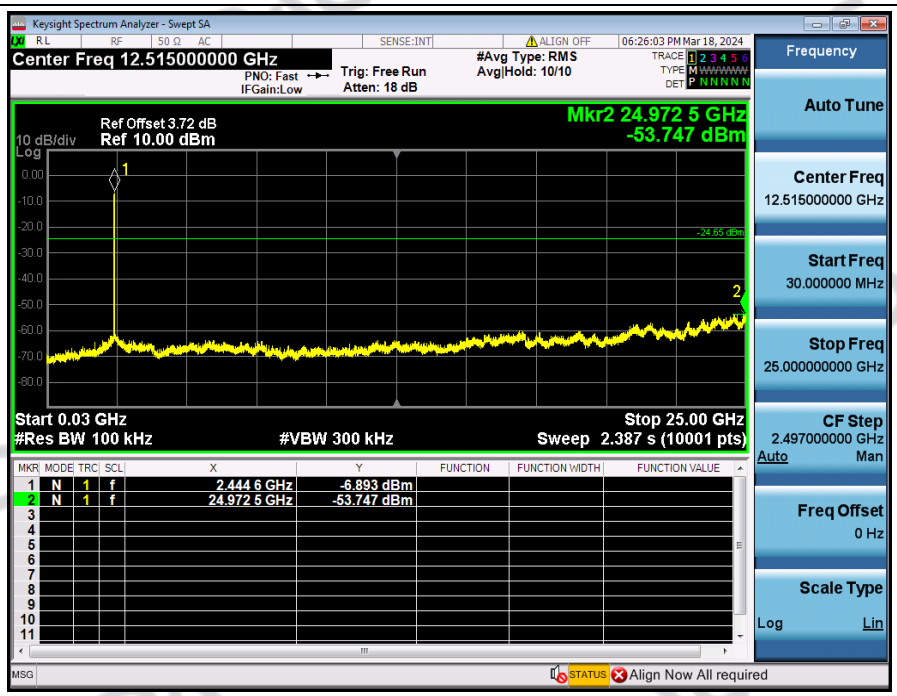

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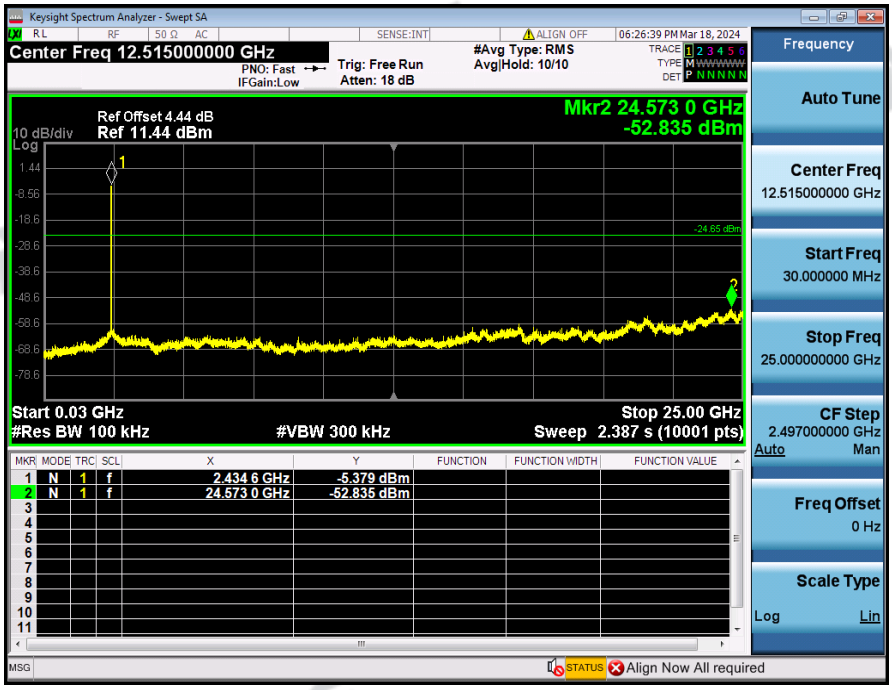
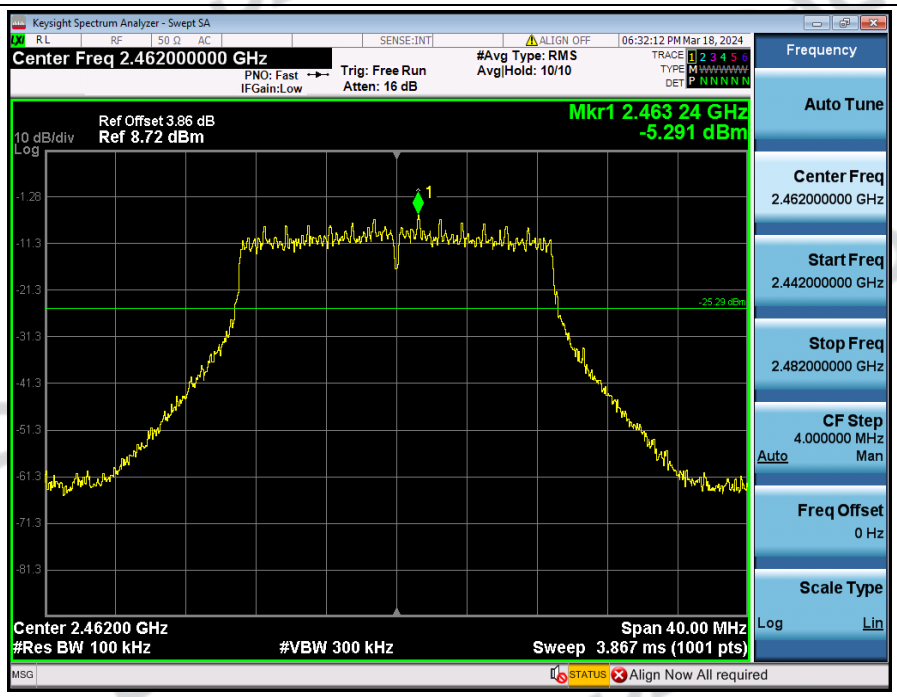


1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



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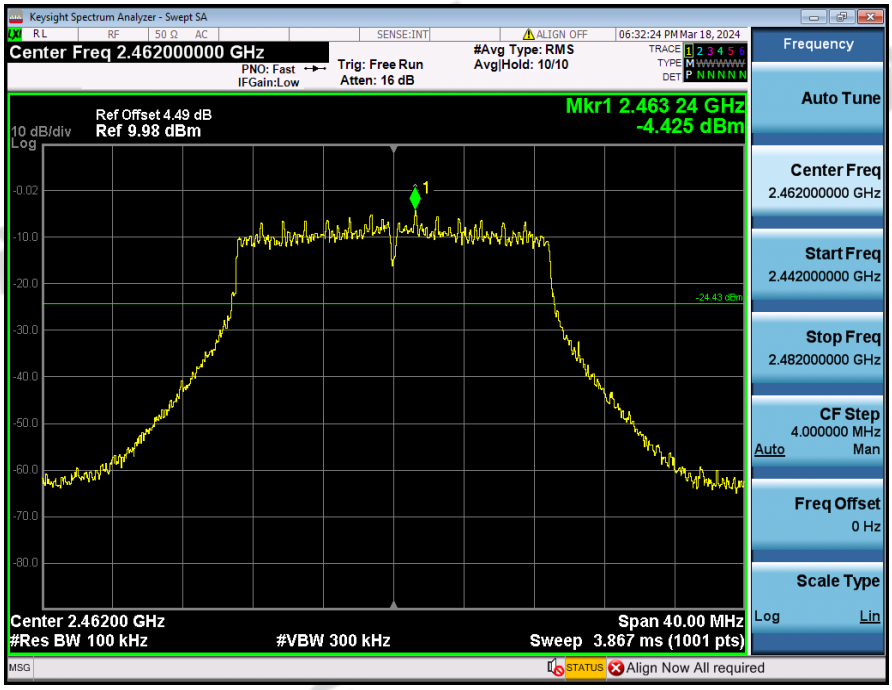

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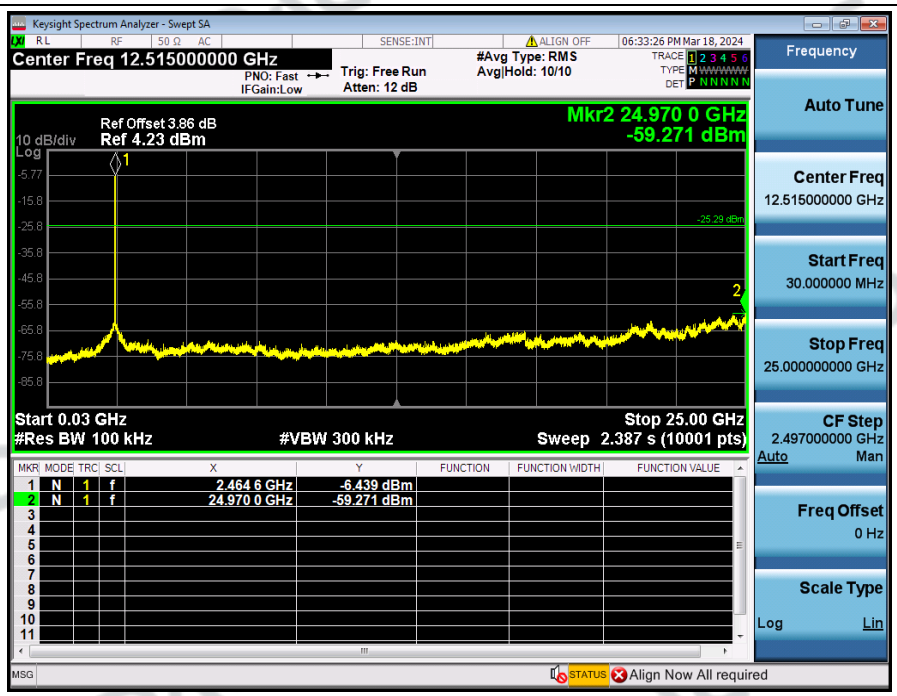

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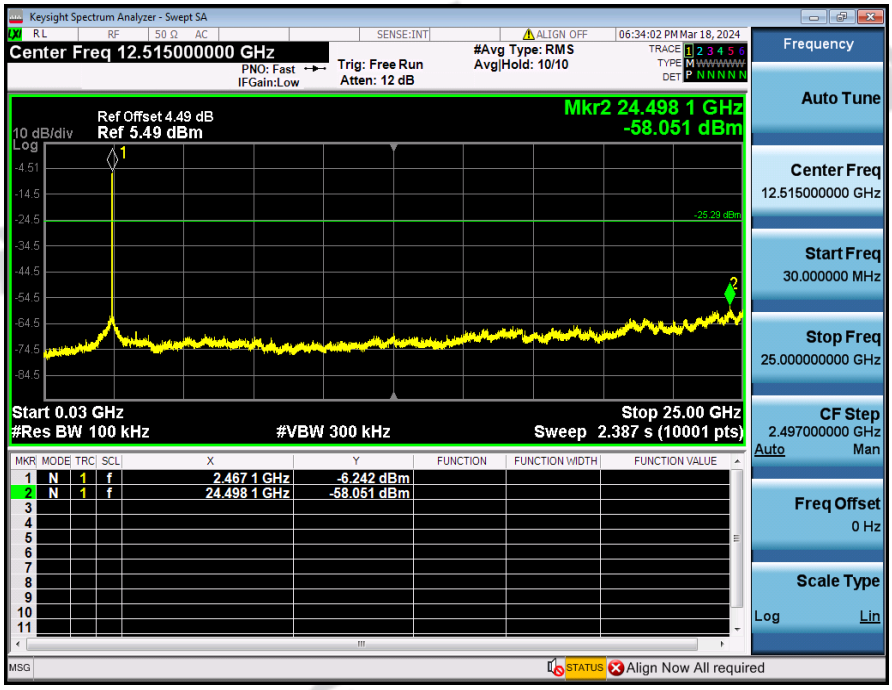
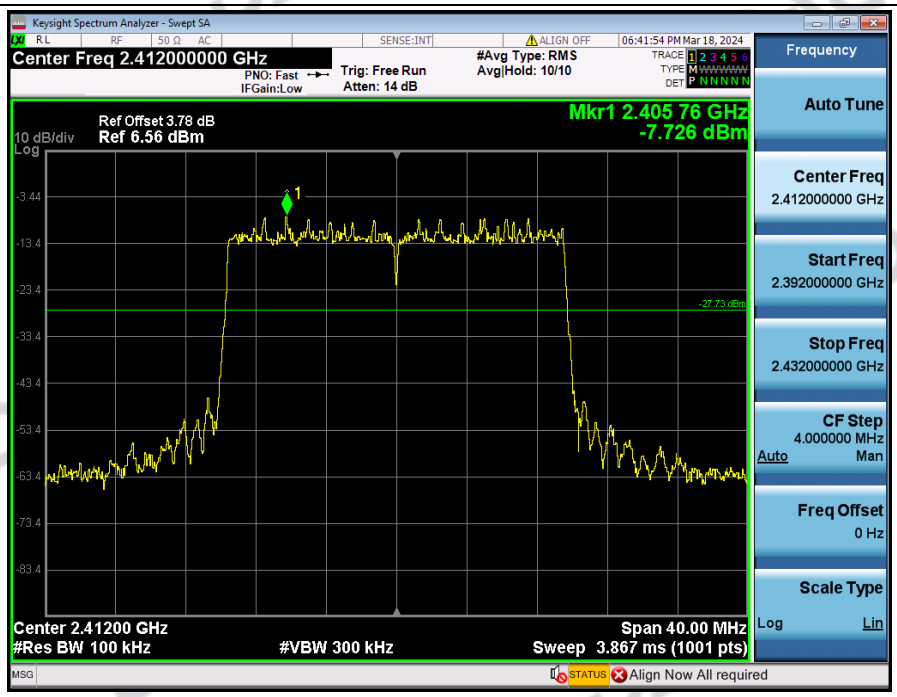


1_Reference_Level_NVNT_ANT1_802_11ax(HE20)_2412



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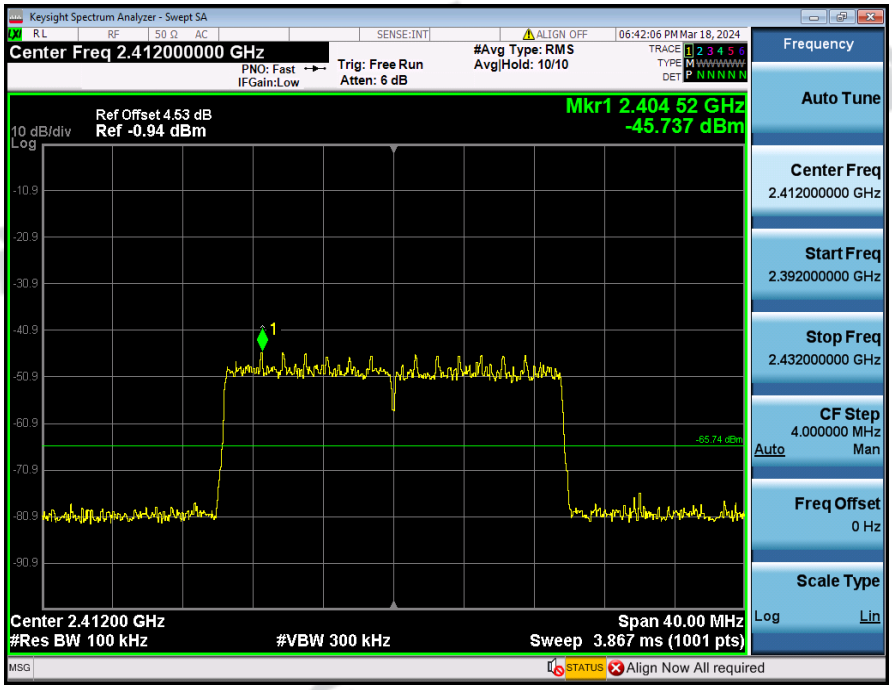

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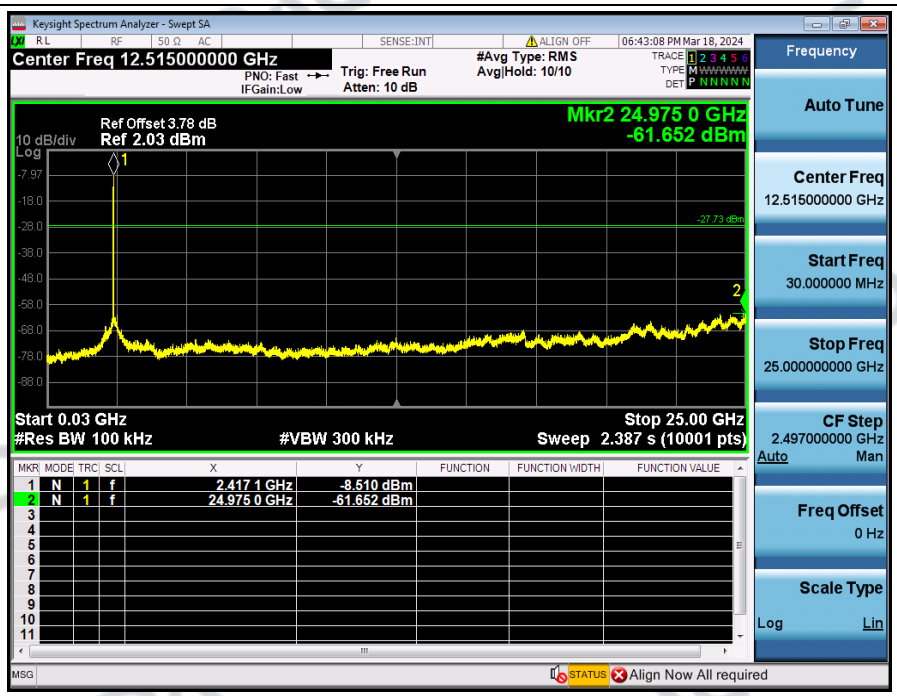

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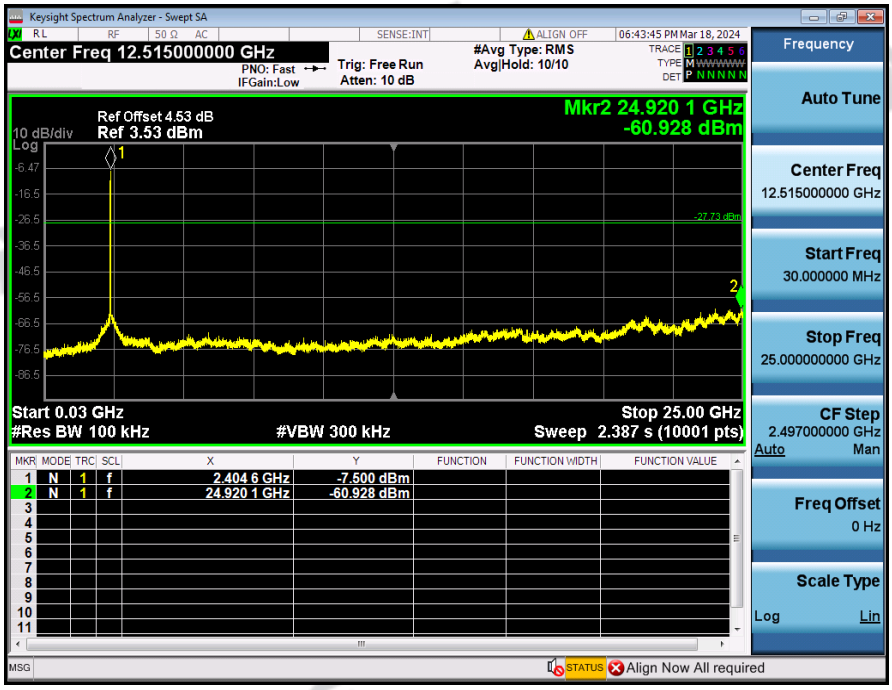
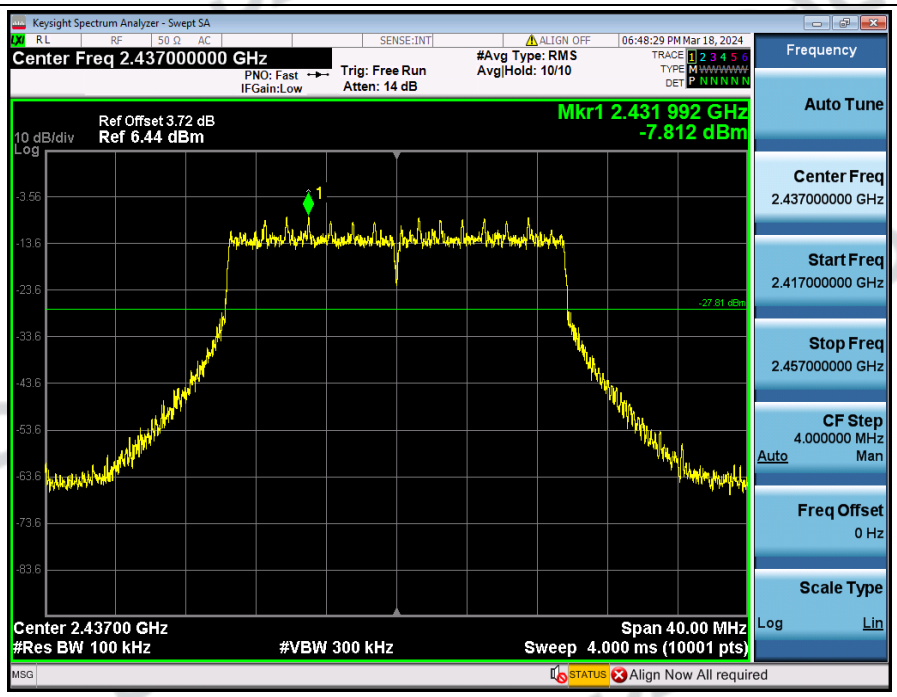


1_Reference_Level_NVNT_ANT1_802_11ax(HE20)_2437



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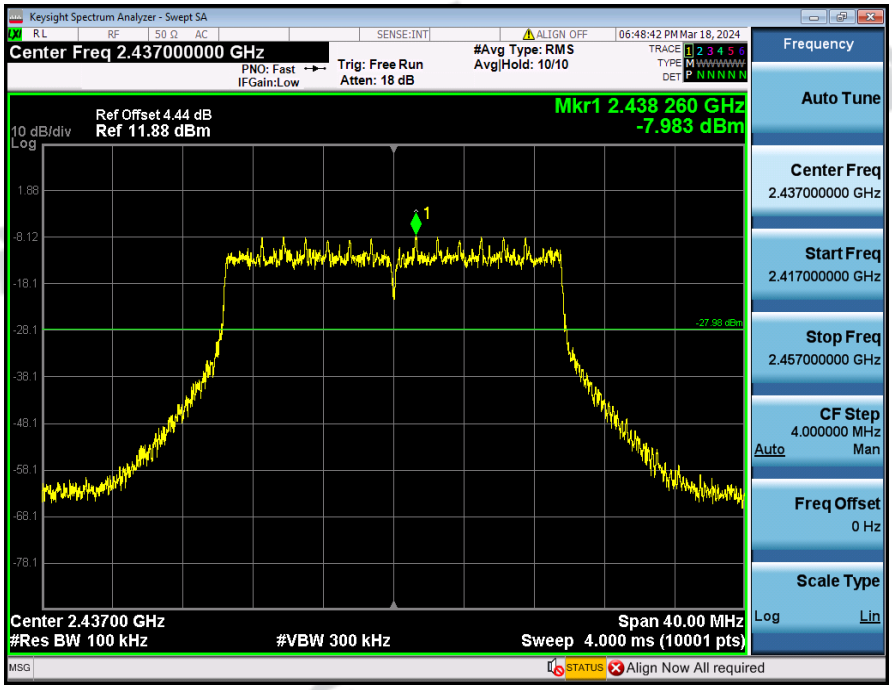

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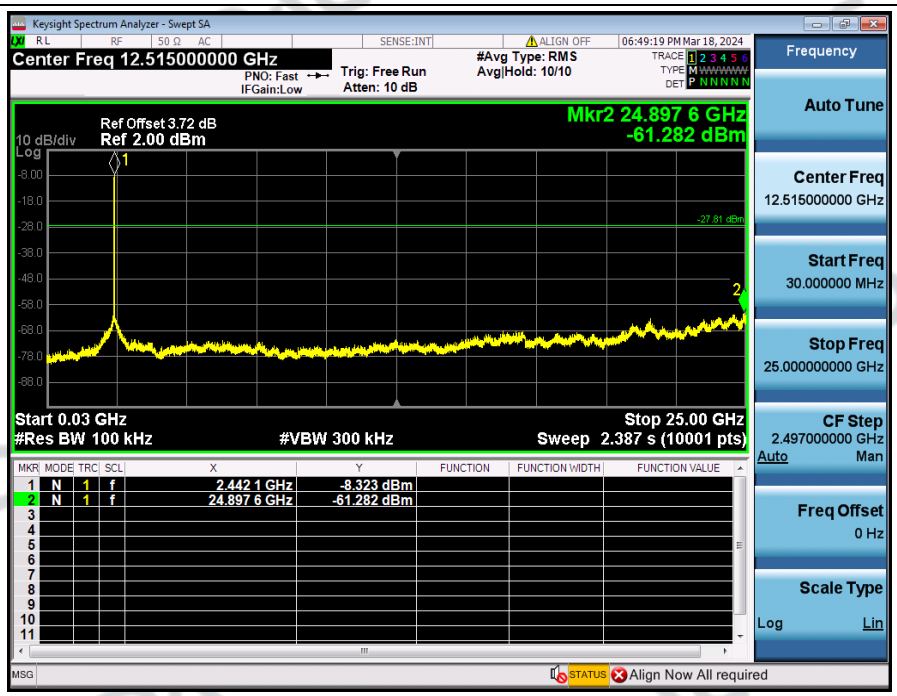

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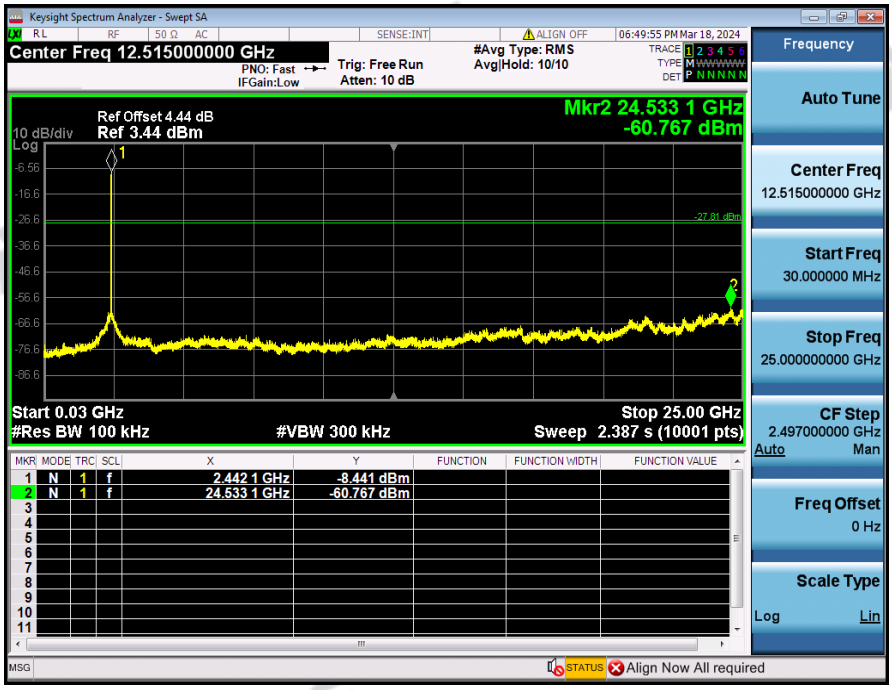

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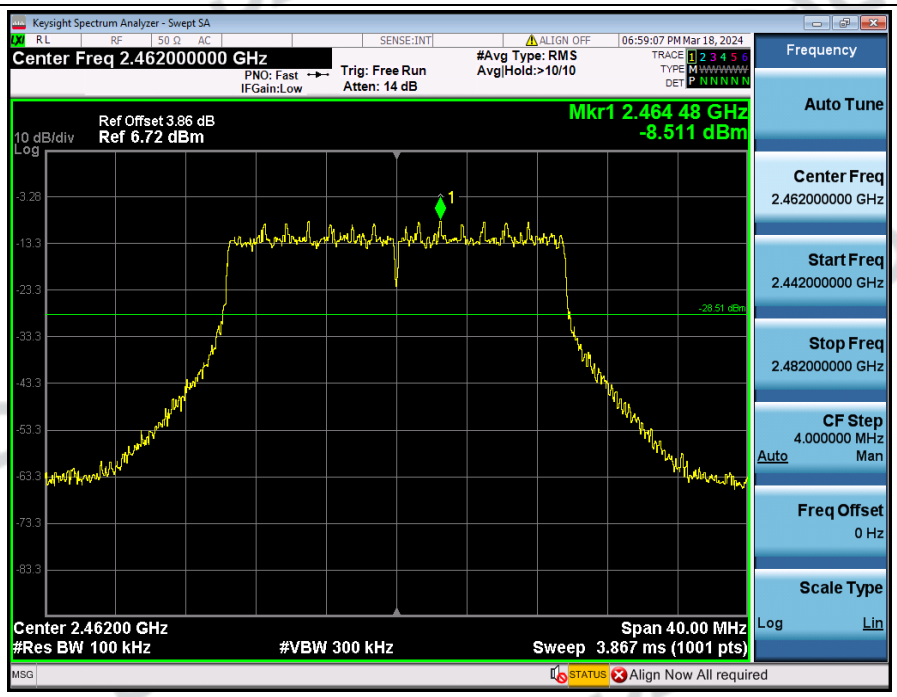

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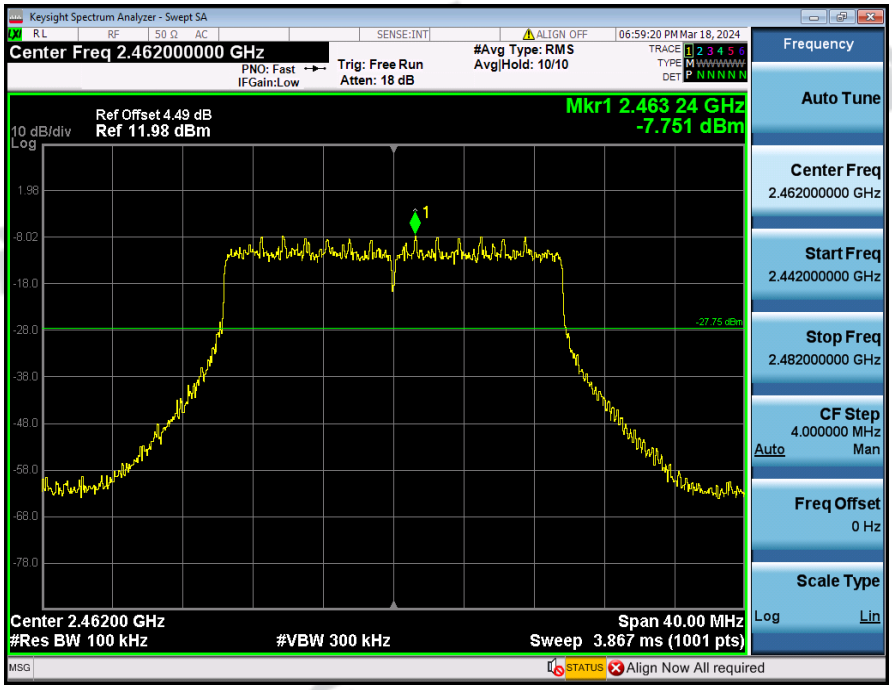

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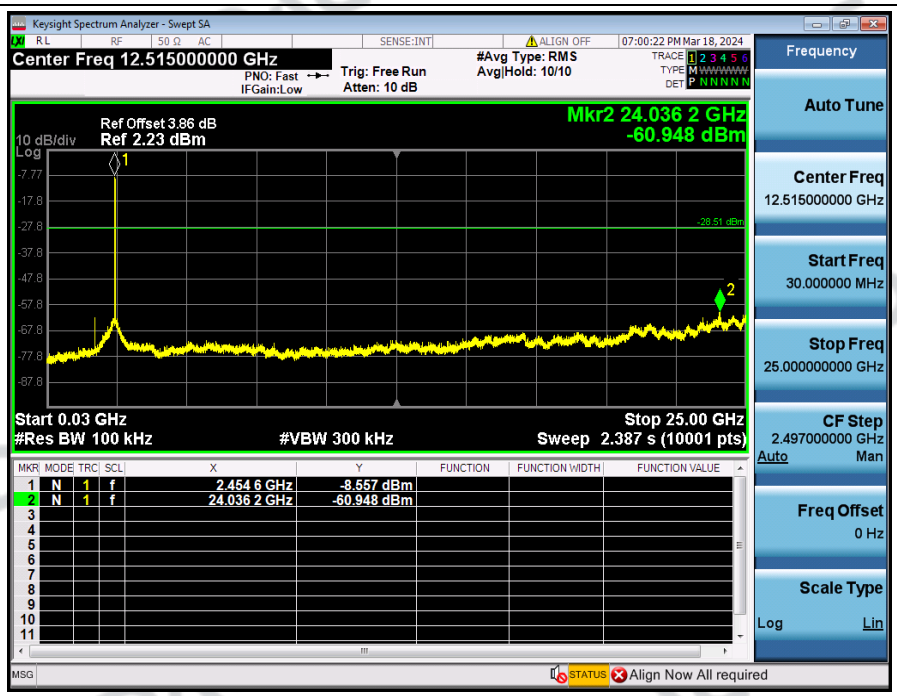

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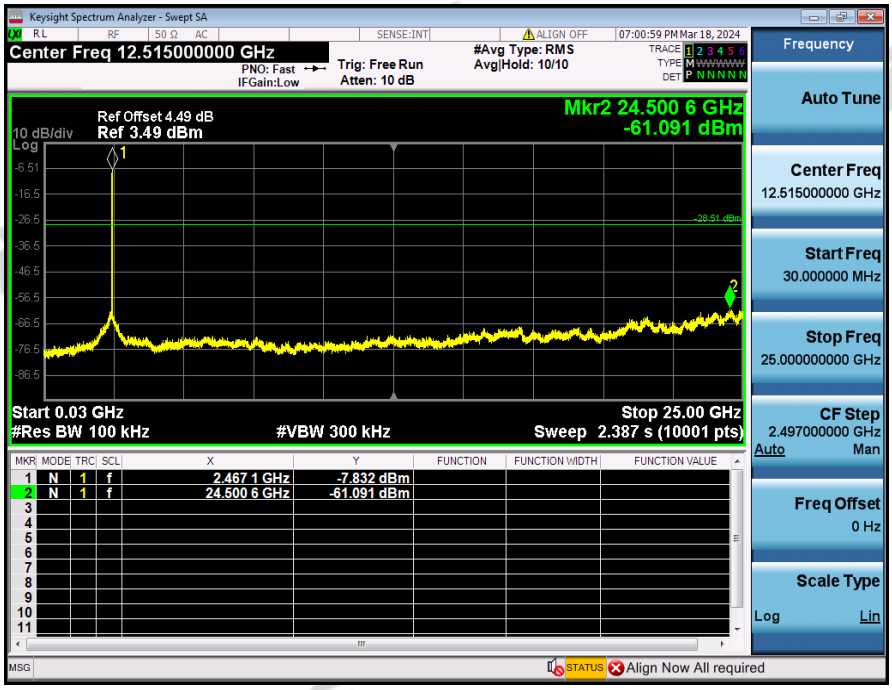
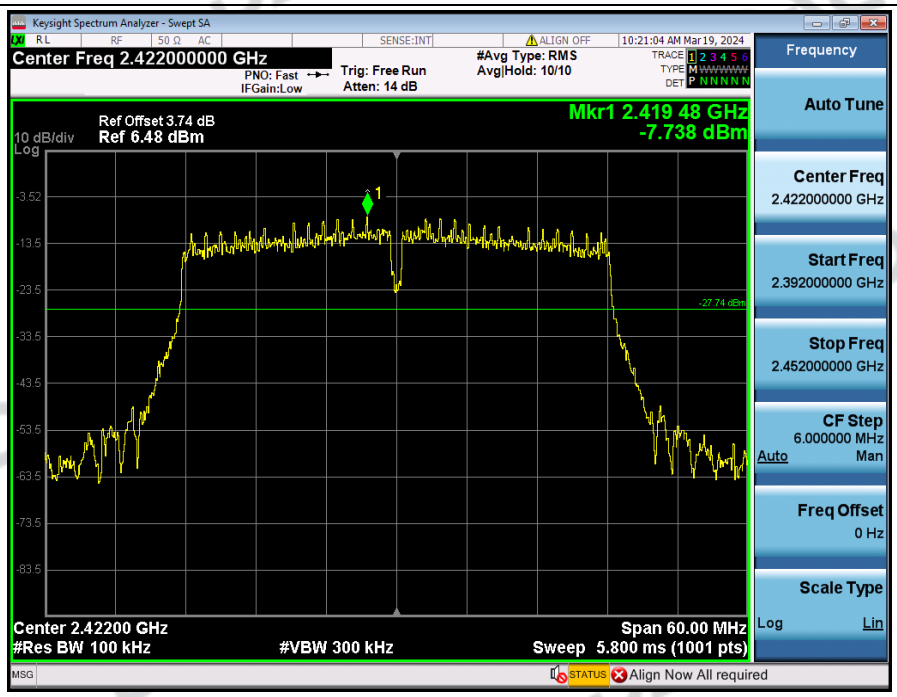


1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



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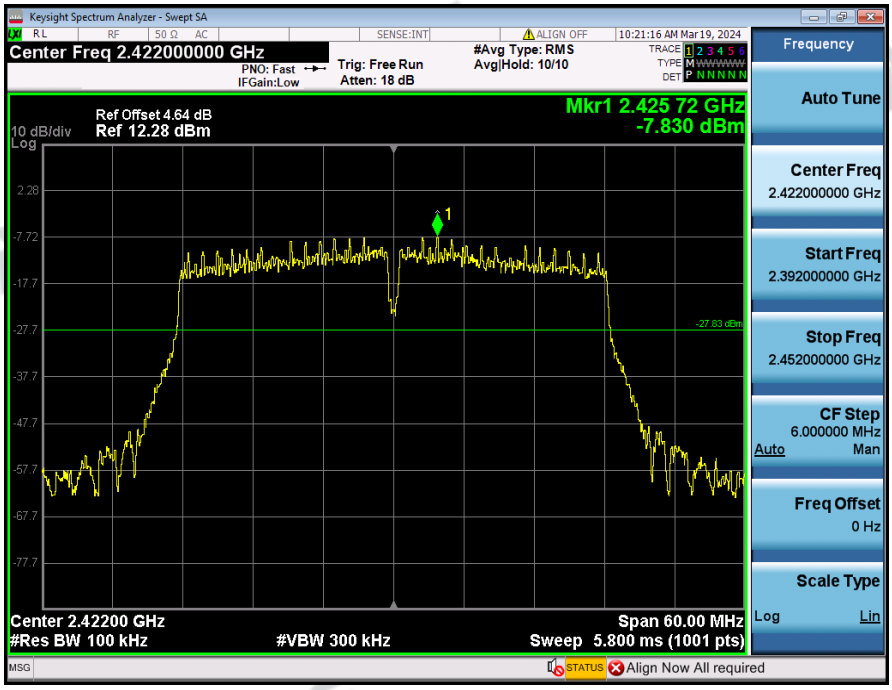

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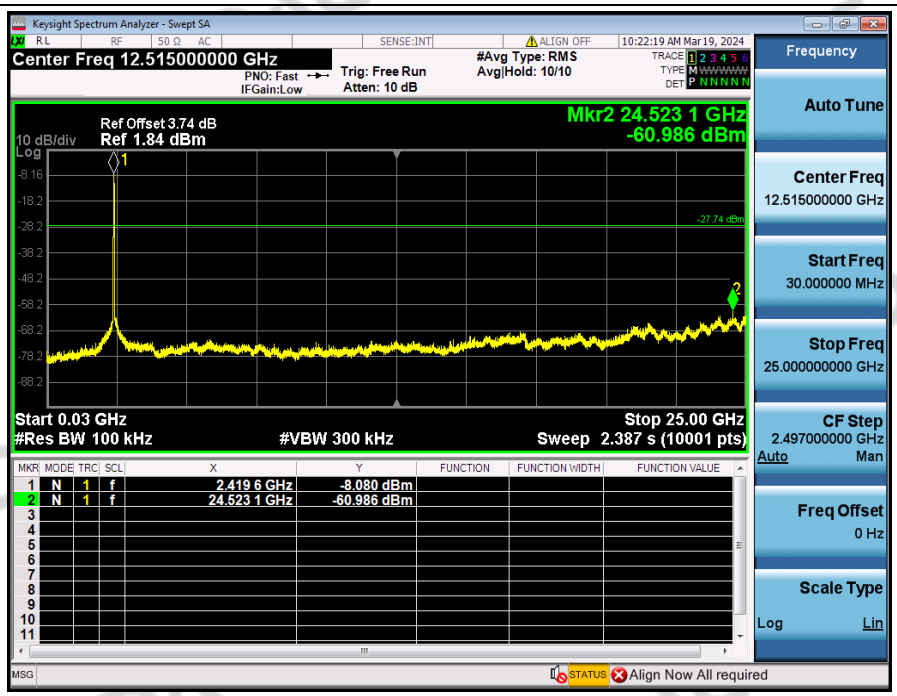

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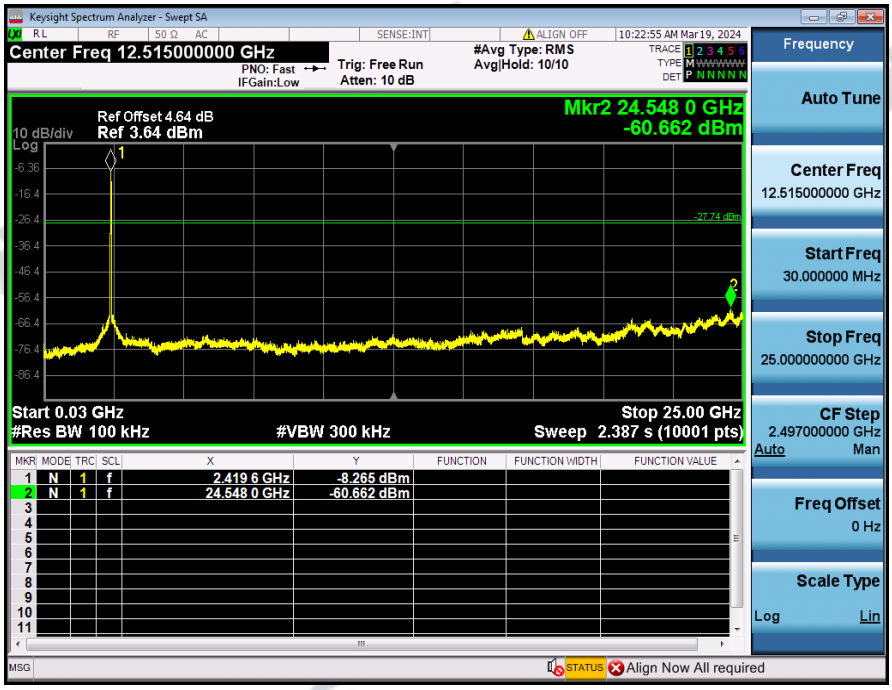

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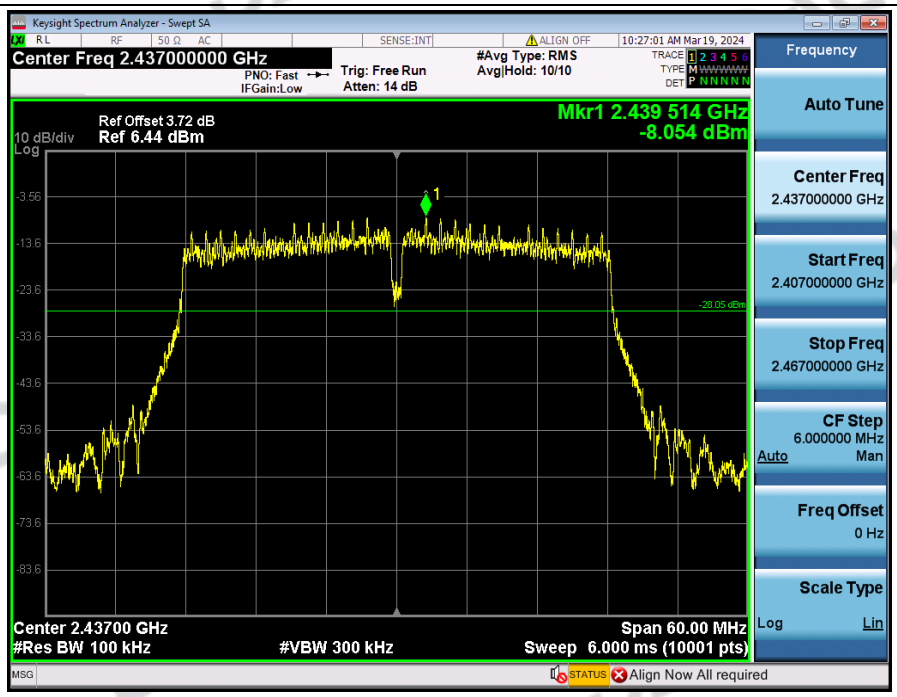

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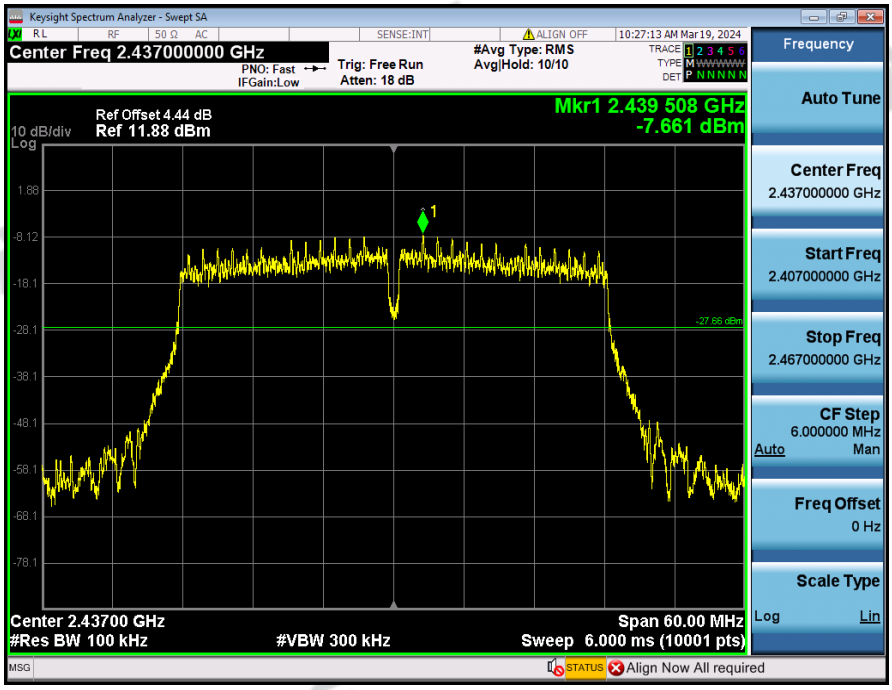

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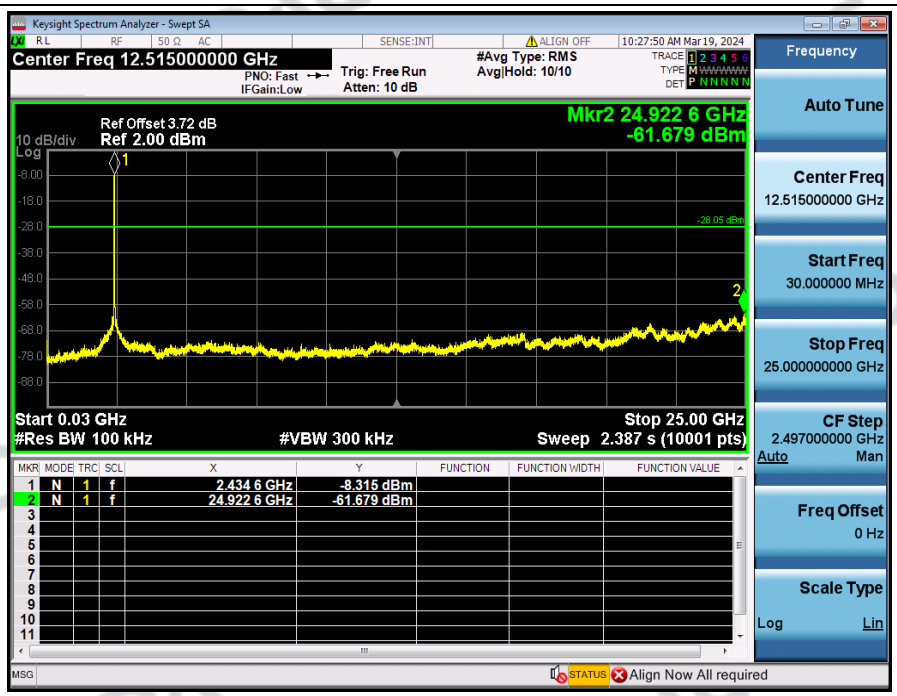

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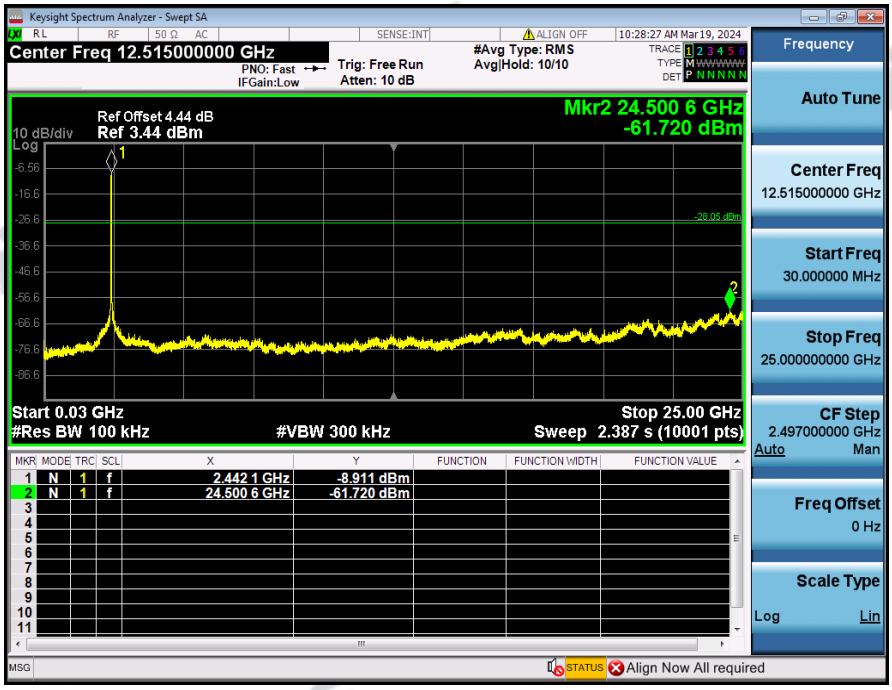
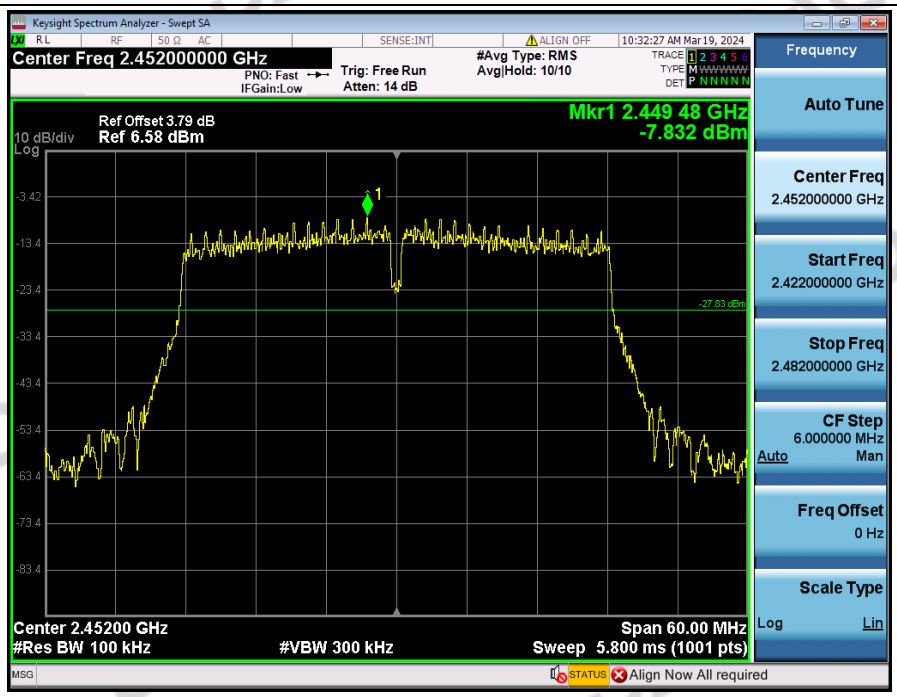


1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



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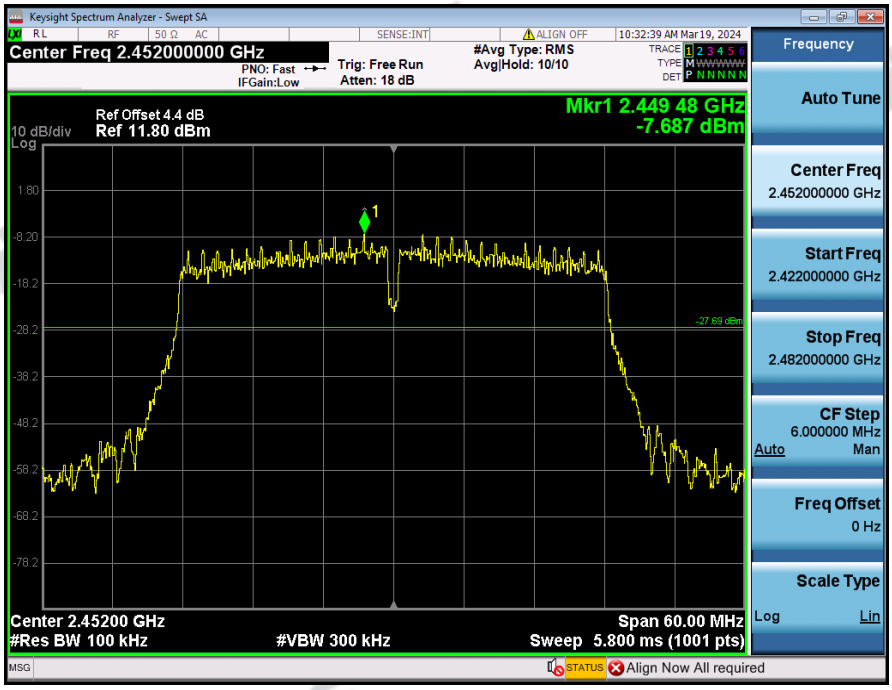

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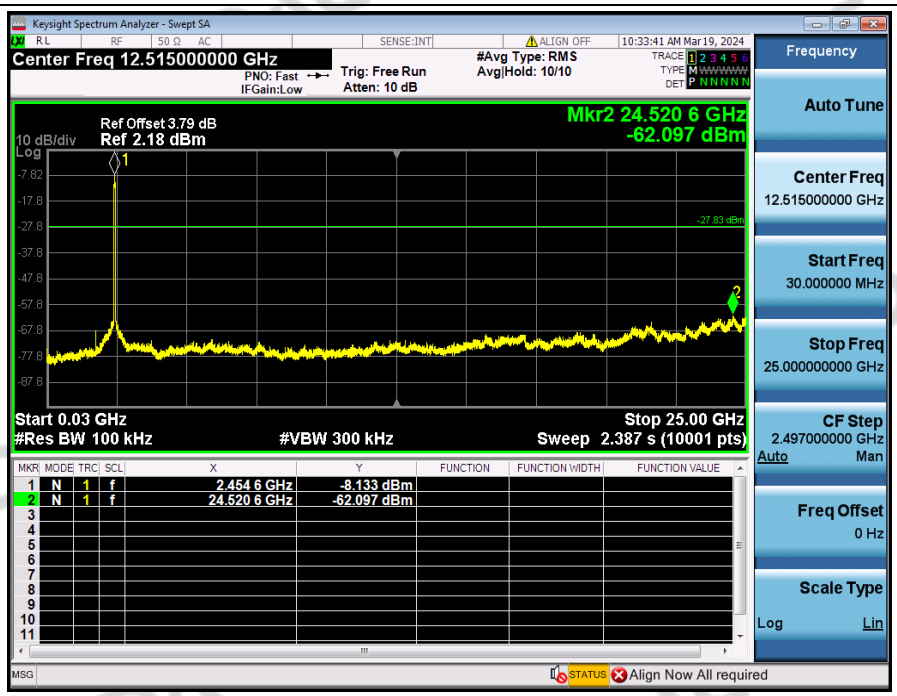

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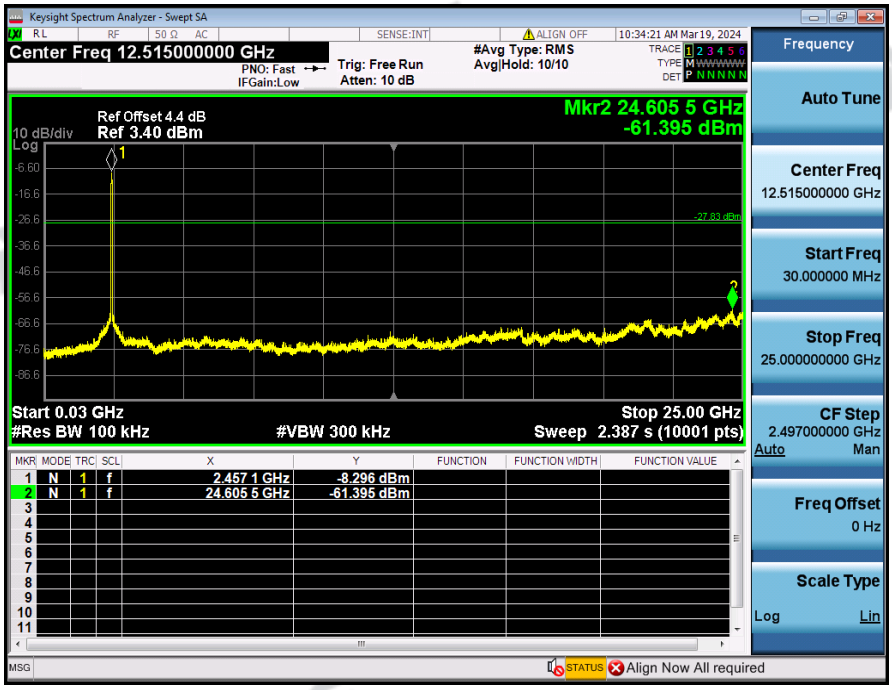
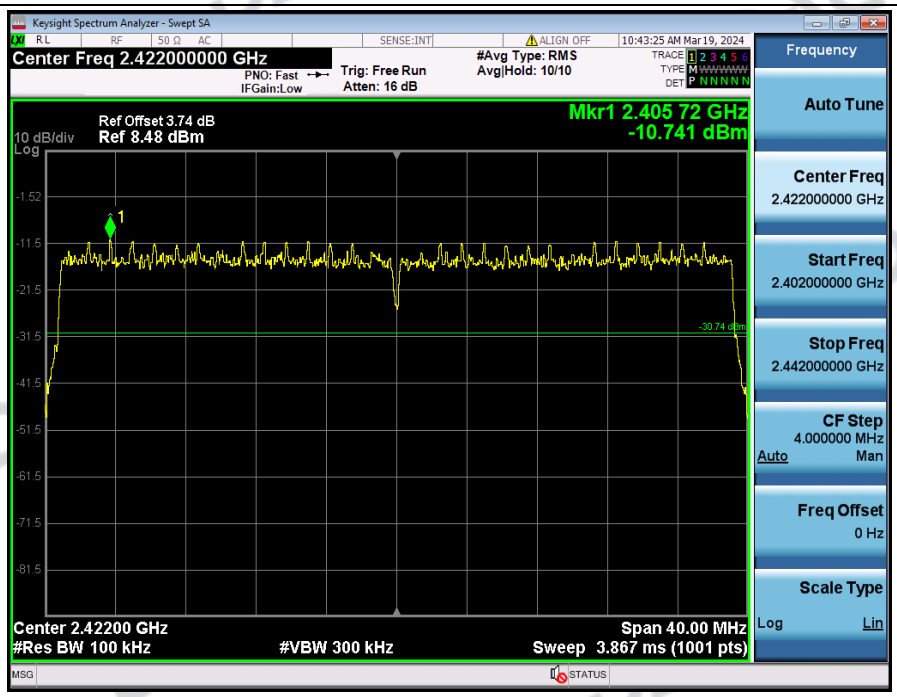


1_Reference_Level_NVNT_ANT1_802_11ax(HE40)_2422



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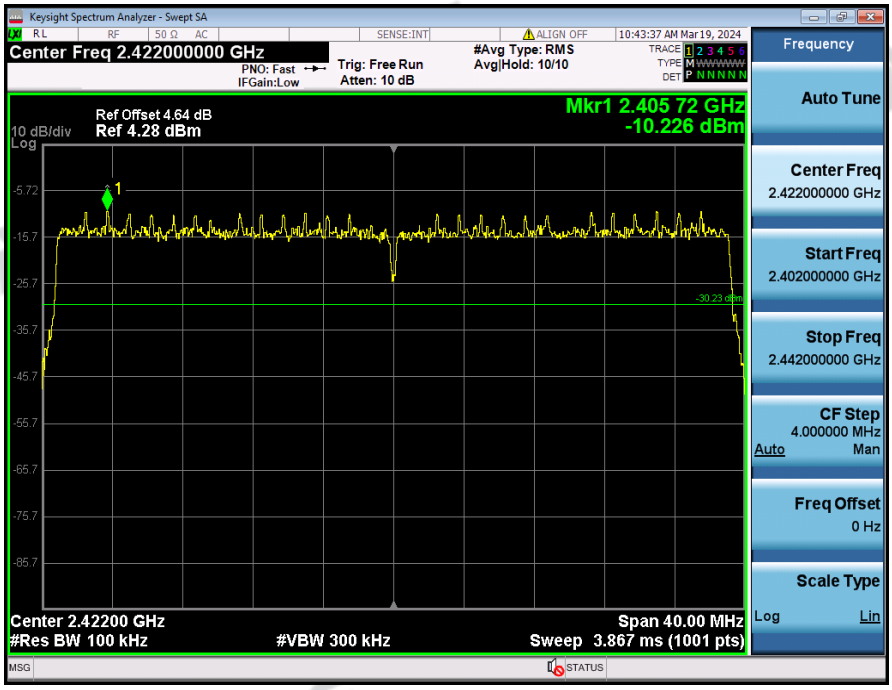

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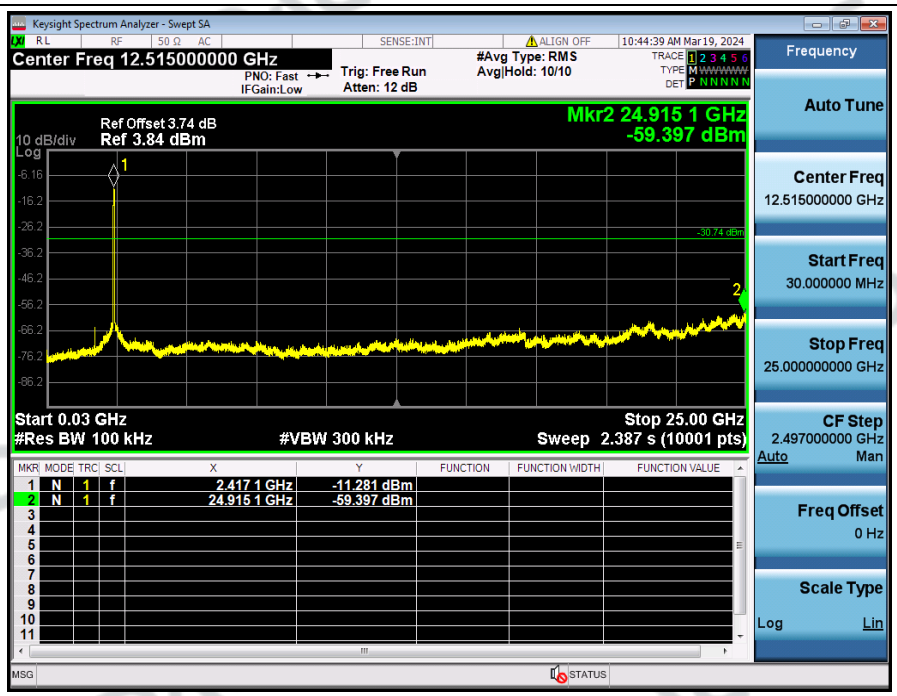

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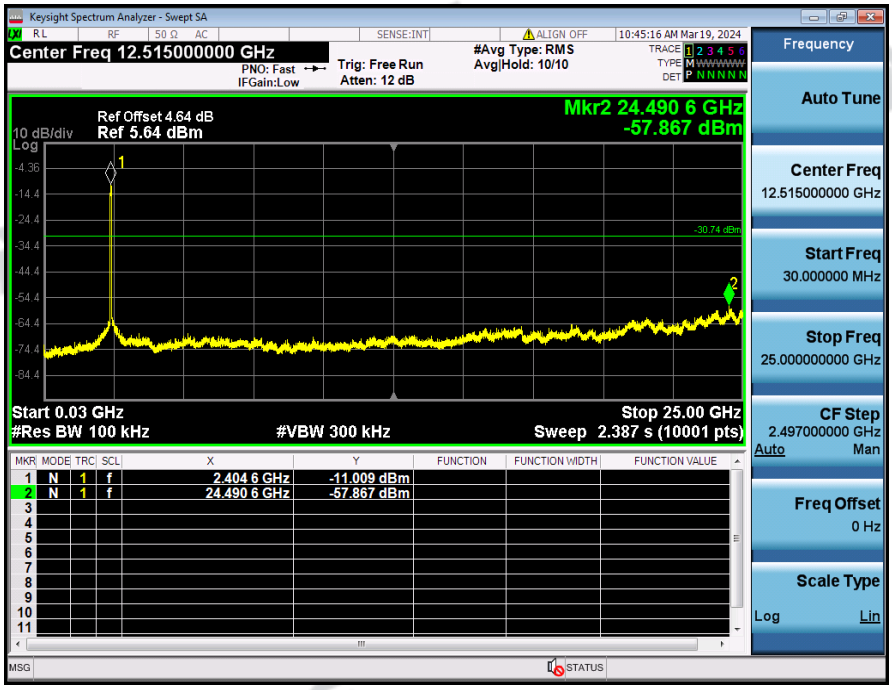

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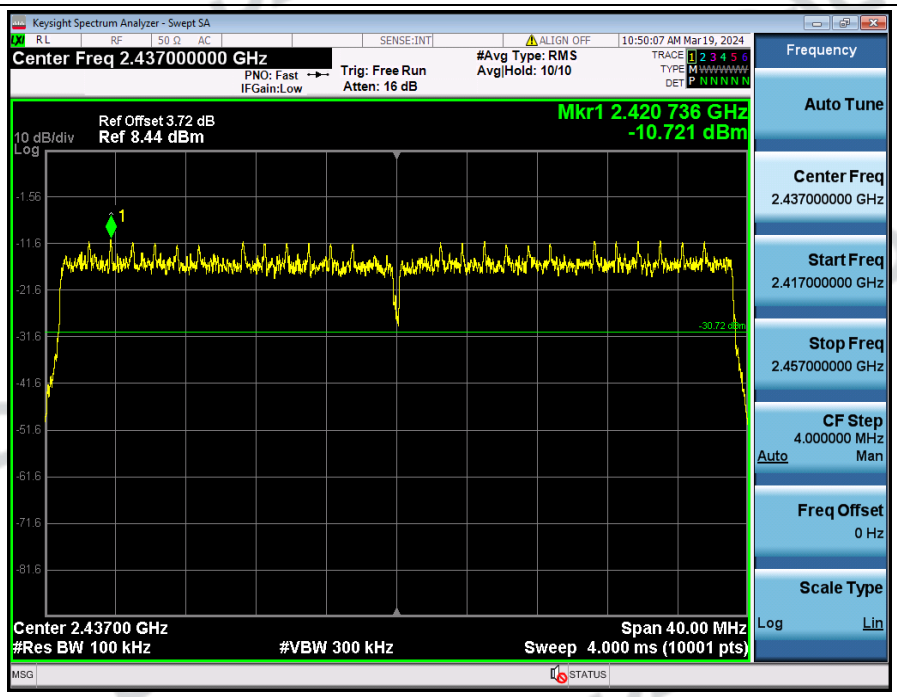

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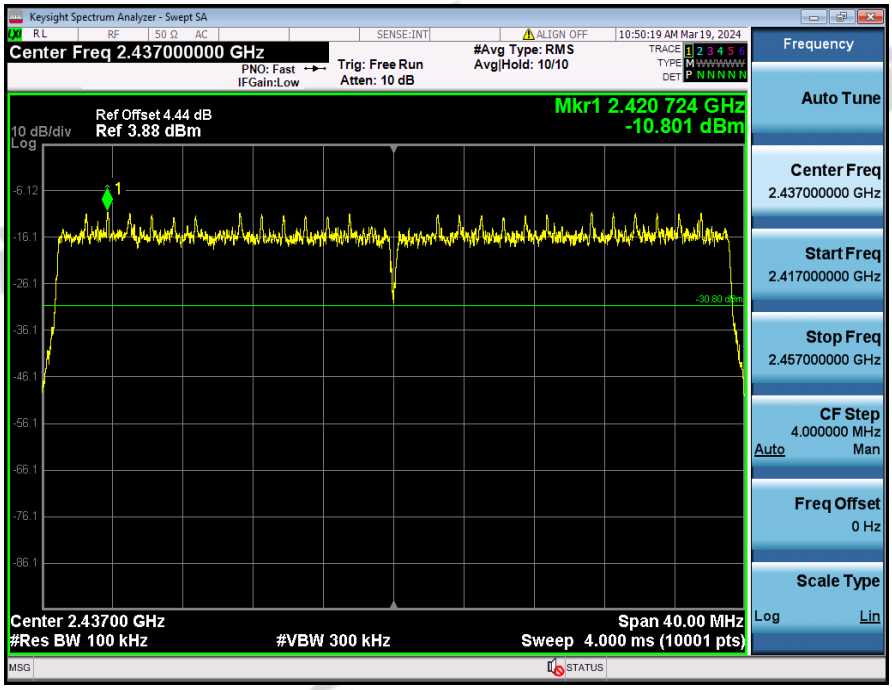

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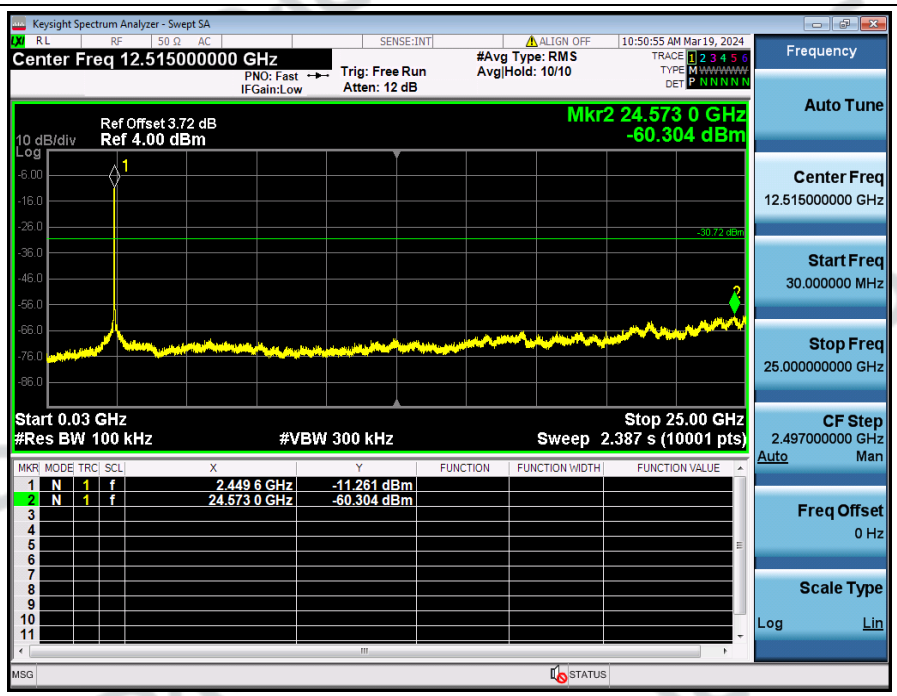

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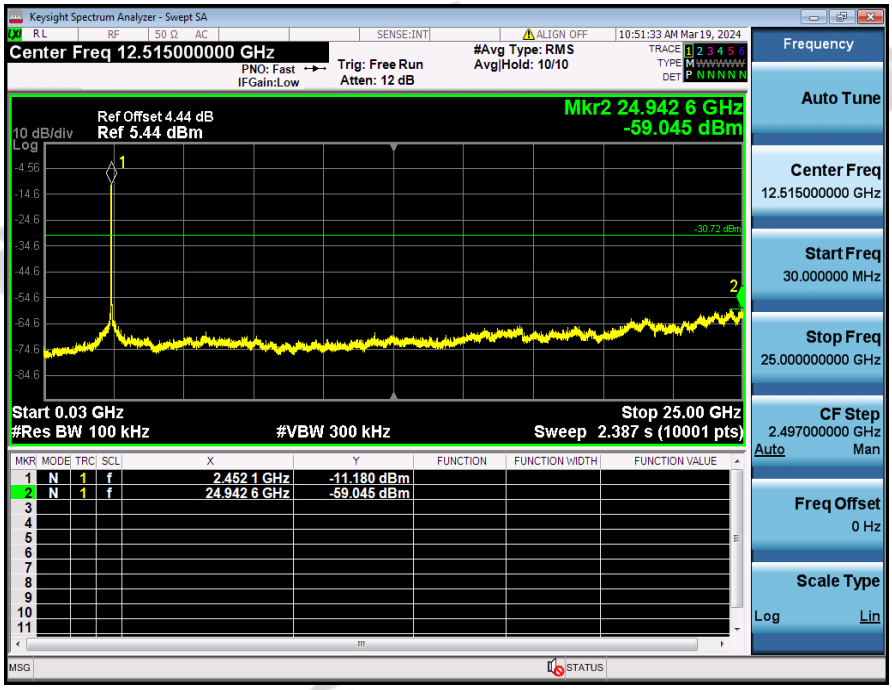
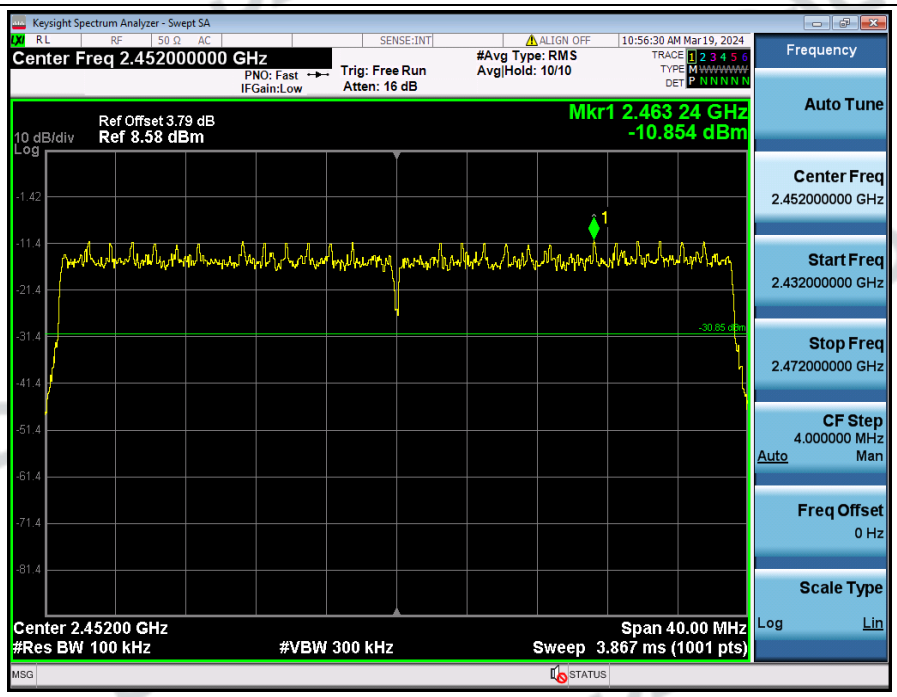
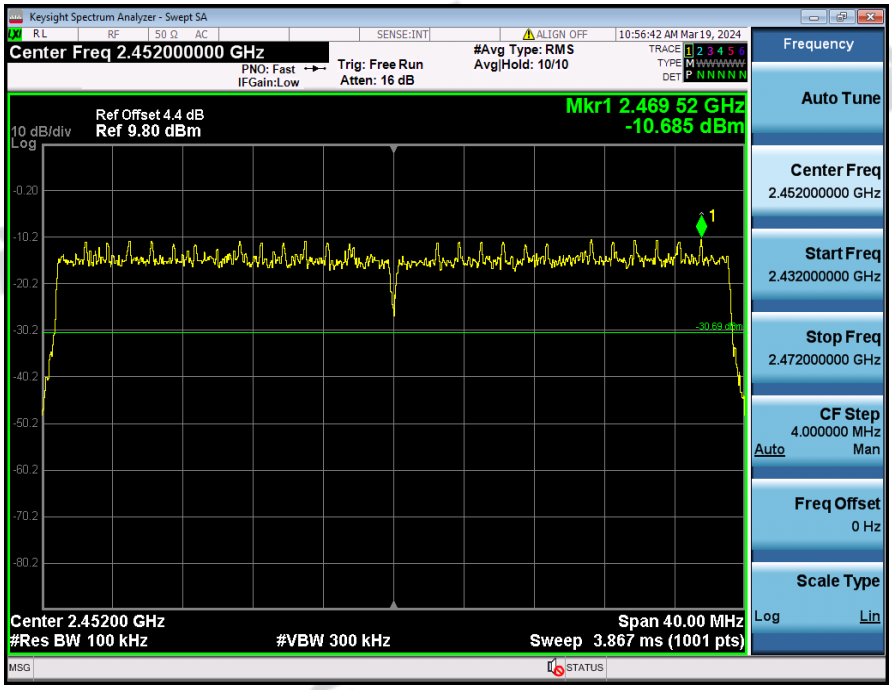


1_Reference_Level_NVNT_ANT1_802_11ax(HE40)_2452



1_Reference_Level_NVNT_ANT2_802_11ax(HE40)_2452



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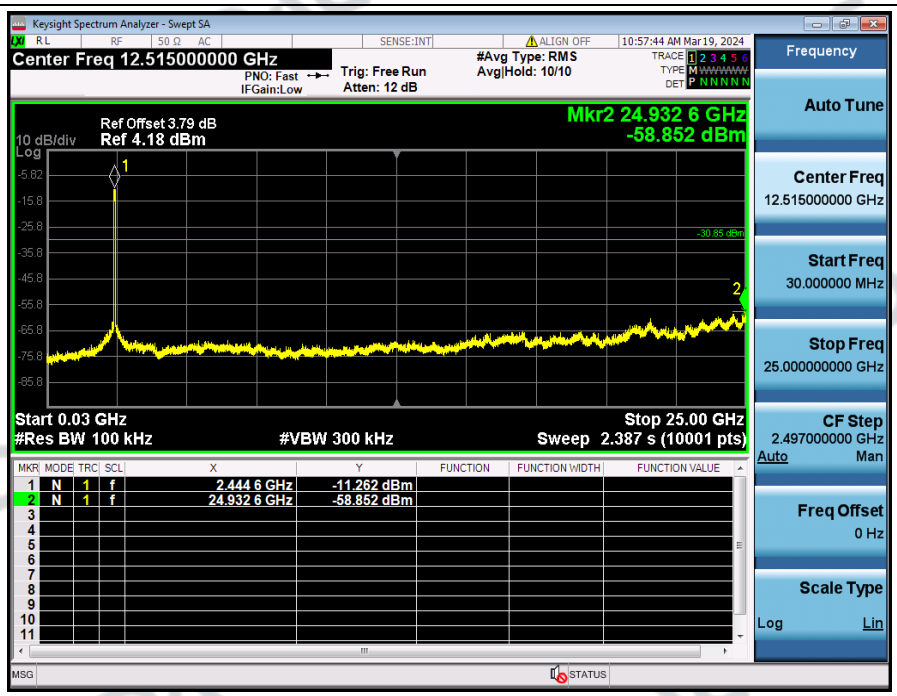
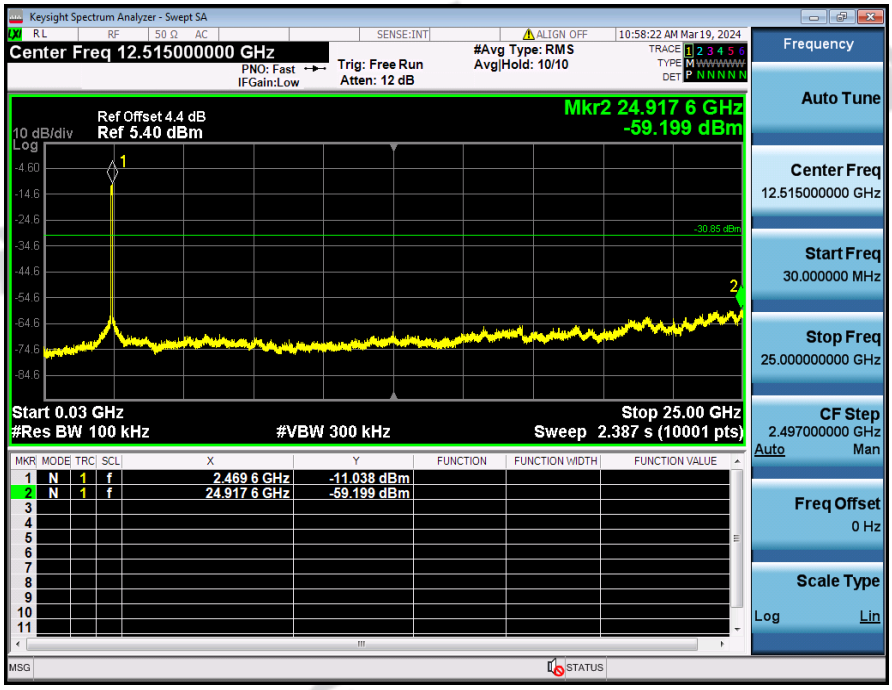


2_Spurious_Emission_NVNT_ANT2_802_11ax(HE40)_2452



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