

11.3. MAX. OUTPUT POWER

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	16.77	30	Pass
NVNT	ANT1	802.11b	2437.00	16.17	30	Pass
NVNT	ANT1	802.11b	2462.00	16.19	30	Pass
NVNT	ANT1	802.11g	2412.00	16.65	30	Pass
NVNT	ANT1	802.11g	2437.00	16.11	30	Pass
NVNT	ANT1	802.11g	2462.00	16.32	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	14.38	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	14.37	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	14.60	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	13.63	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	13.99	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	13.95	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	limit(dBm)	Result
NVNT	ANT2	802.11b	2412.00	16.60	30	Pass
NVNT	ANT2	802.11b	2437.00	16.39	30	Pass
NVNT	ANT2	802.11b	2462.00	16.97	30	Pass
NVNT	ANT2	802.11g	2412.00	16.48	30	Pass
NVNT	ANT2	802.11g	2437.00	15.94	30	Pass
NVNT	ANT2	802.11g	2462.00	16.92	30	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	14.32	30	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	14.34	30	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	14.08	30	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	13.89	30	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	13.36	30	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	13.52	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	limit(dBm)	Result
NVNT	MIMO	802.11n(HT20)	2412.00	17.36	30	Pass
NVNT	MIMO	802.11n(HT20)	2437.00	17.37	30	Pass
NVNT	MIMO	802.11n(HT20)	2462.00	17.36	30	Pass
NVNT	MIMO	802.11n(HT40)	2422.00	16.77	30	Pass
NVNT	MIMO	802.11n(HT40)	2437.00	16.70	30	Pass
NVNT	MIMO	802.11n(HT40)	2452.00	16.75	30	Pass

Note: According to KDB 662911 D01, the number of antennas is less than 5, and the limit is unchanged.

11.4. POWER SPECTRAL DENSITY

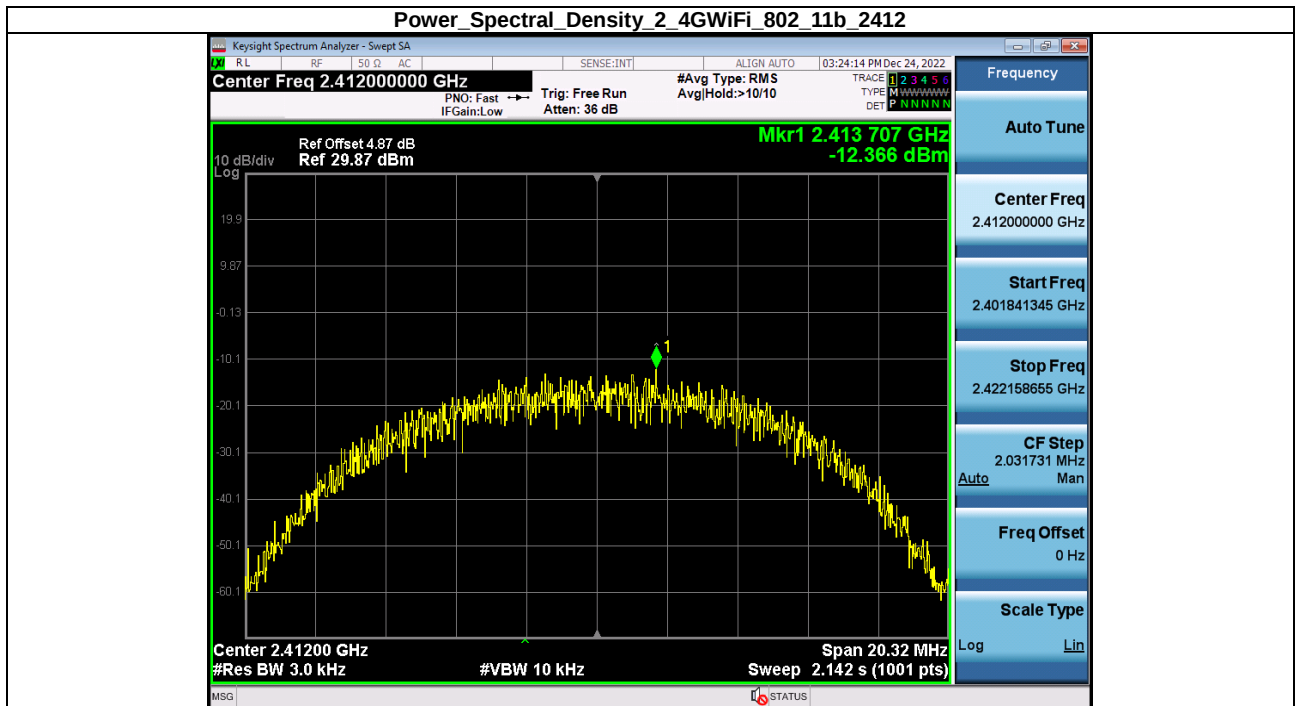
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NVNT	ANT1	802.11b	2412.00	-12.37	8	Pass
NVNT	ANT1	802.11b	2437.00	-12.35	8	Pass
NVNT	ANT1	802.11b	2462.00	-11.99	8	Pass
NVNT	ANT1	802.11g	2412.00	-18.31	8	Pass
NVNT	ANT1	802.11g	2437.00	-17.96	8	Pass
NVNT	ANT1	802.11g	2462.00	-17.79	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-20.85	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-20.36	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-20.70	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-22.35	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-21.89	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-21.91	8	Pass

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT2	802.11b	2412.00	-12.47	8	Pass
NVNT	ANT2	802.11b	2437.00	-12.43	8	Pass
NVNT	ANT2	802.11b	2462.00	-12.02	8	Pass
NVNT	ANT2	802.11g	2412.00	-18.19	8	Pass
NVNT	ANT2	802.11g	2437.00	-17.88	8	Pass
NVNT	ANT2	802.11g	2462.00	-17.75	8	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	-20.77	8	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	-20.43	8	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	-20.17	8	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	-22.56	8	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	-22.60	8	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	-22.06	8	Pass

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT2	802.11n(HT20)	2412.00	-17.80	7.35	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	-17.38	7.35	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	-17.42	7.35	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	-19.44	7.35	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	-19.22	7.35	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	-18.97	7.35	Pass

Note: MIMO limit=limit-(6.65-6)=8-0.65=7.35 dBm/3kHz

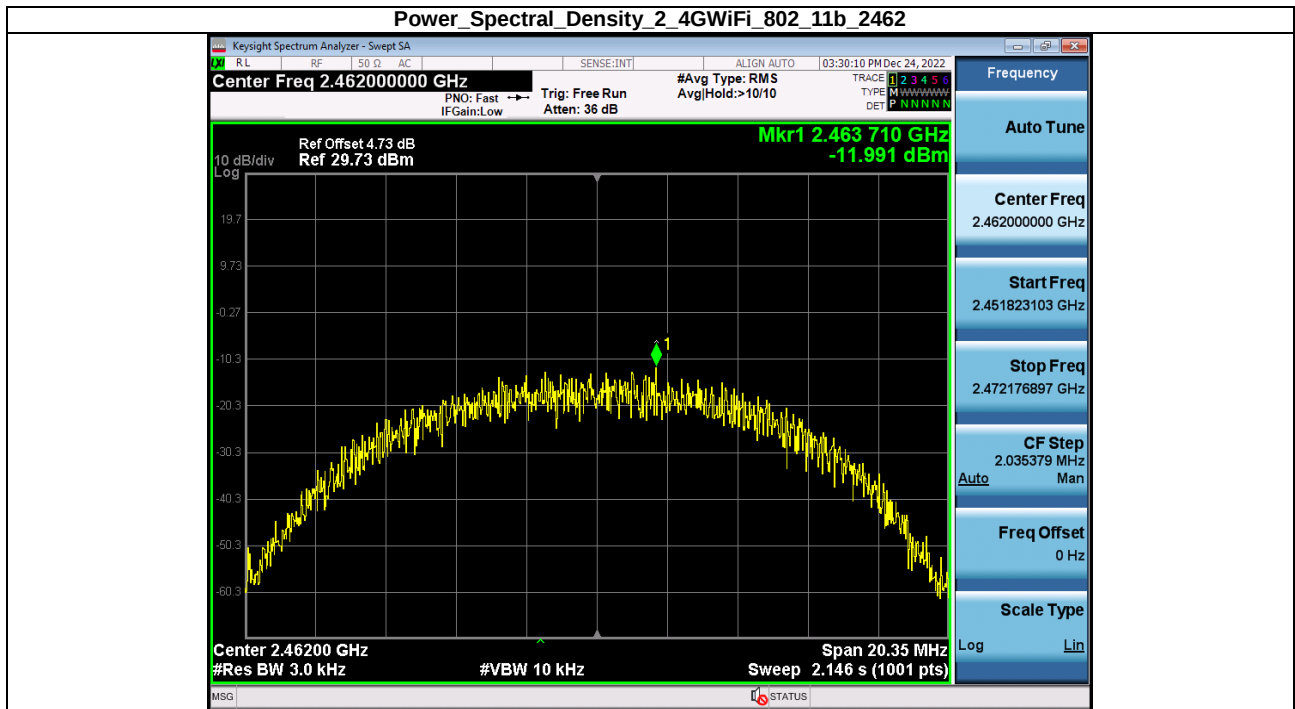
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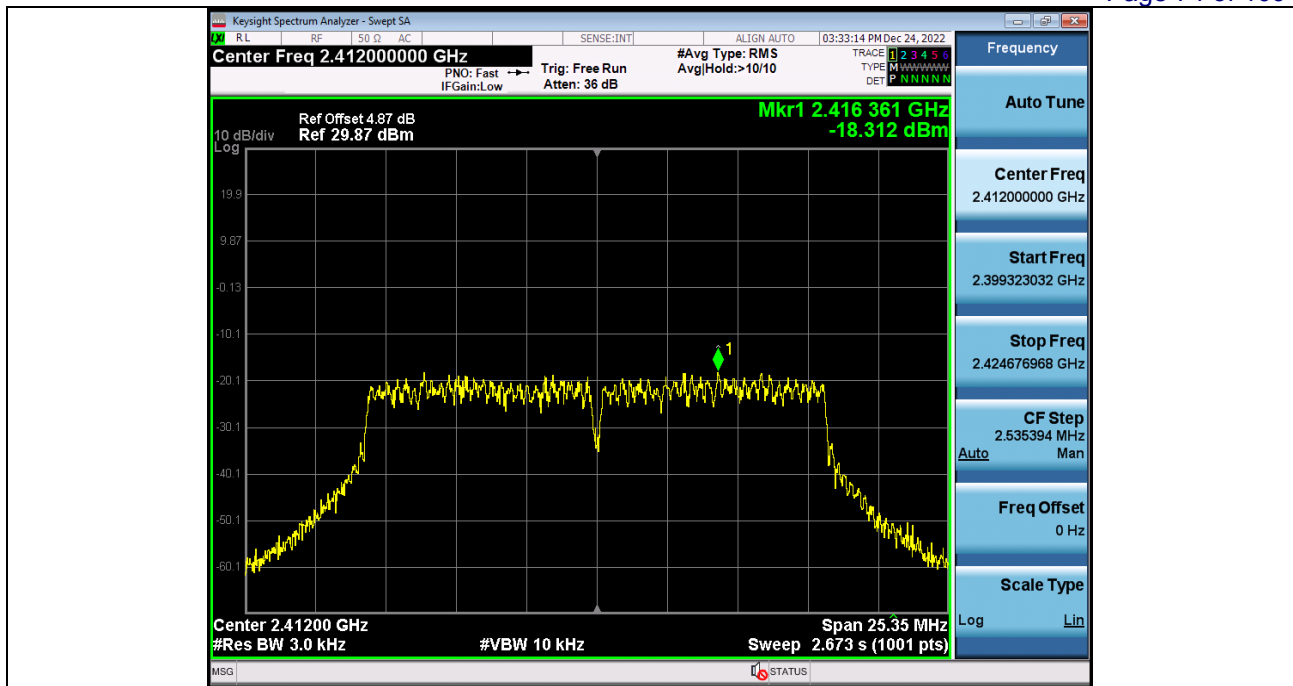
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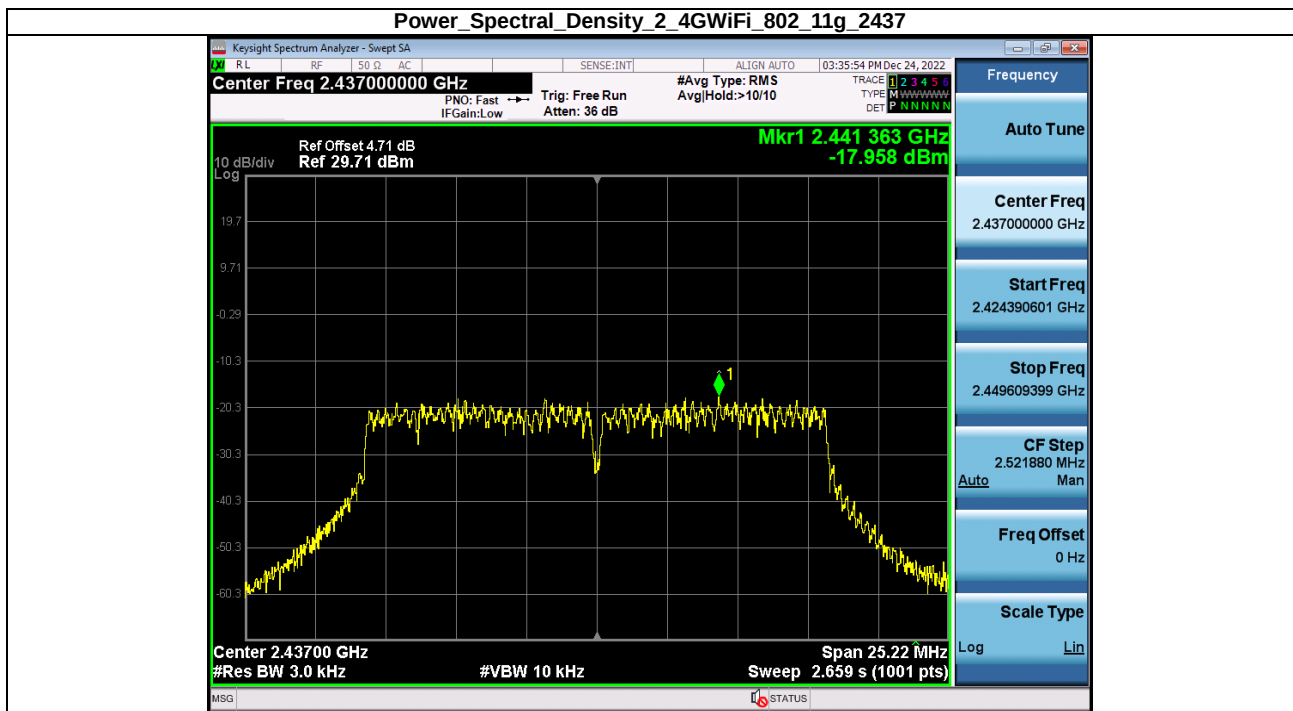
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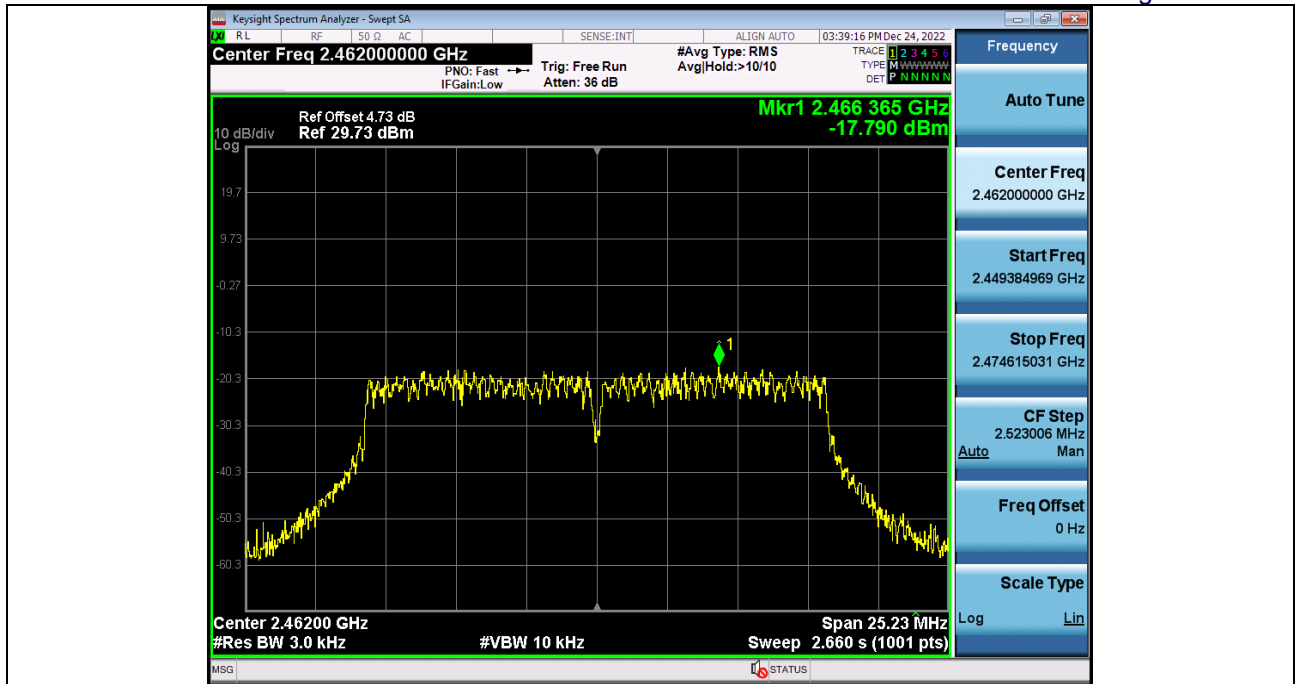
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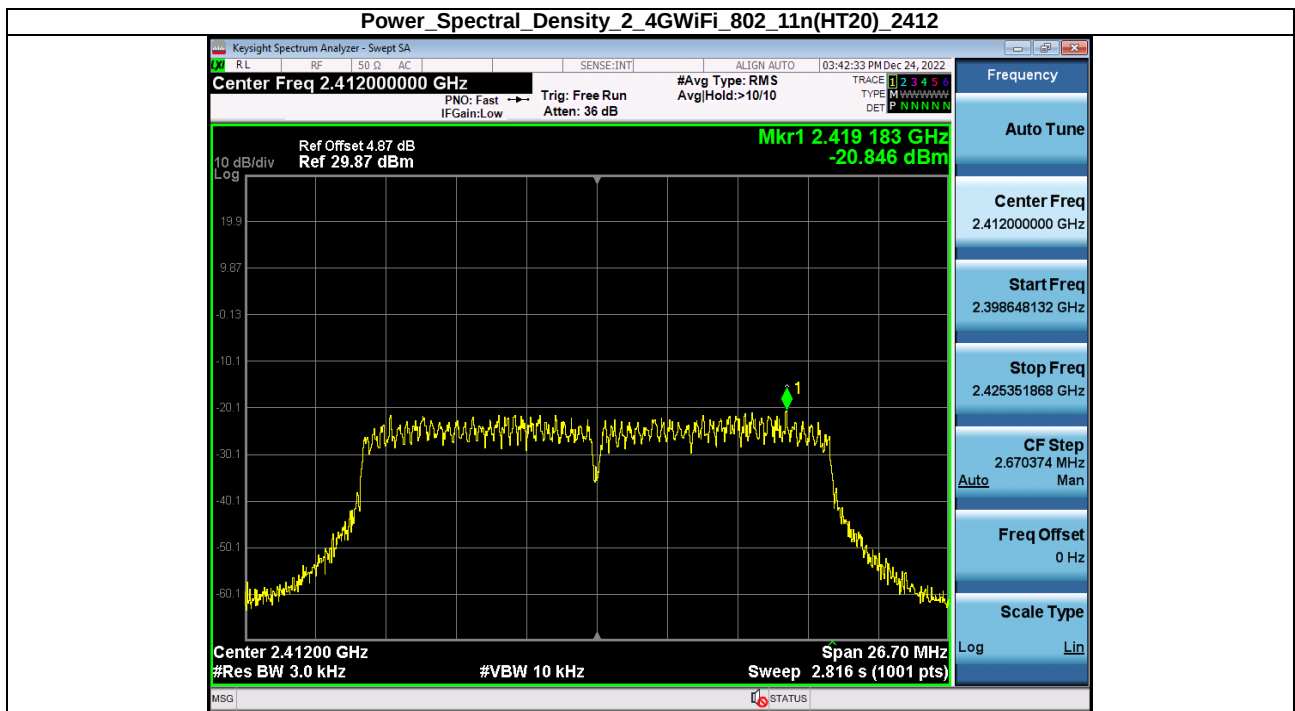
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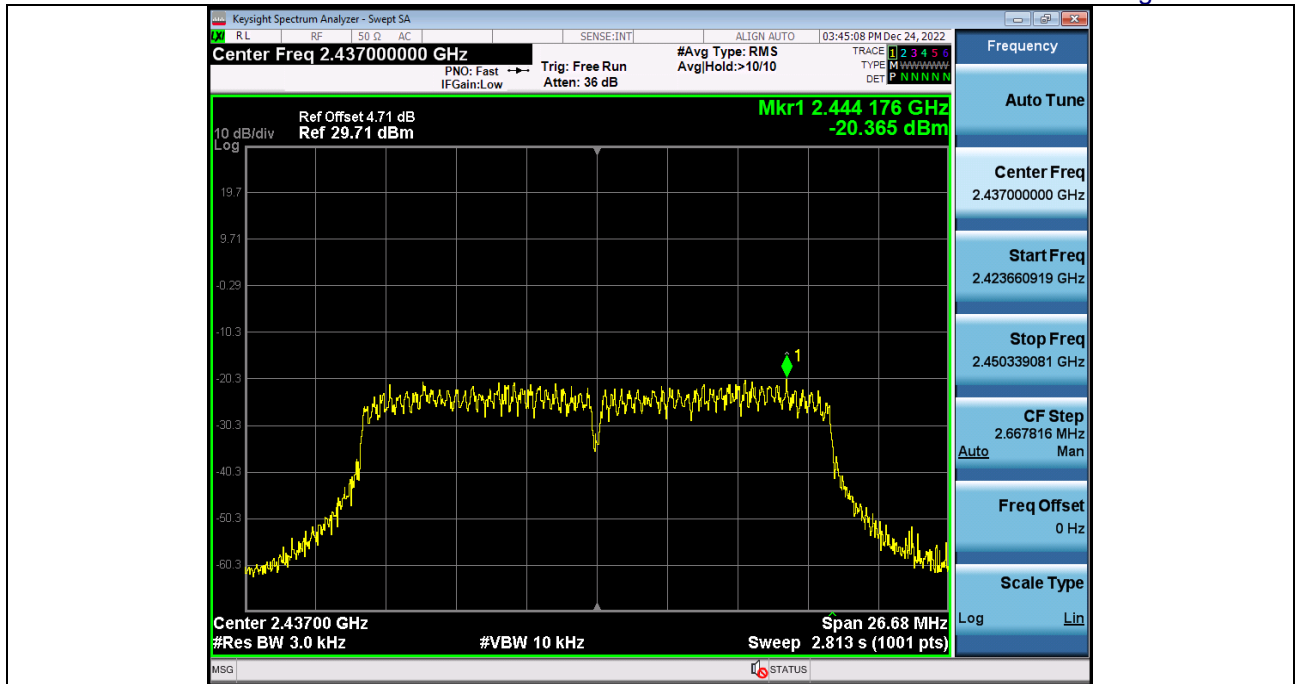
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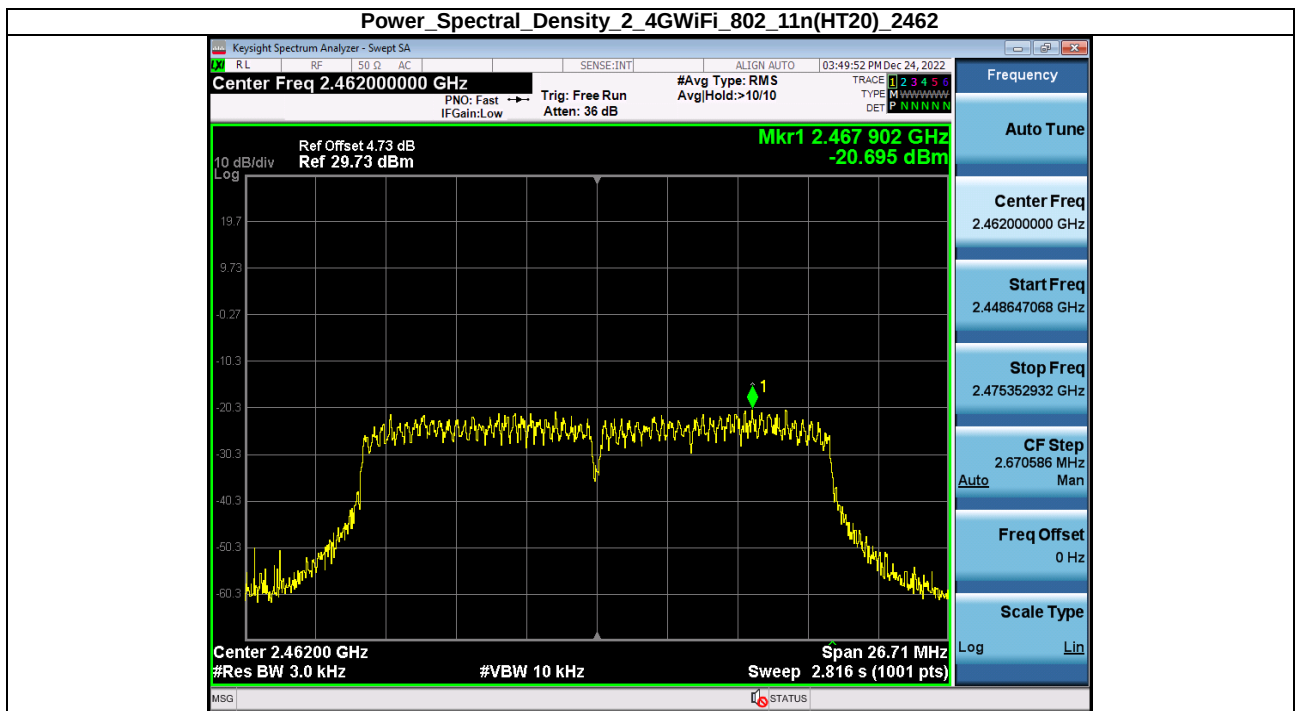
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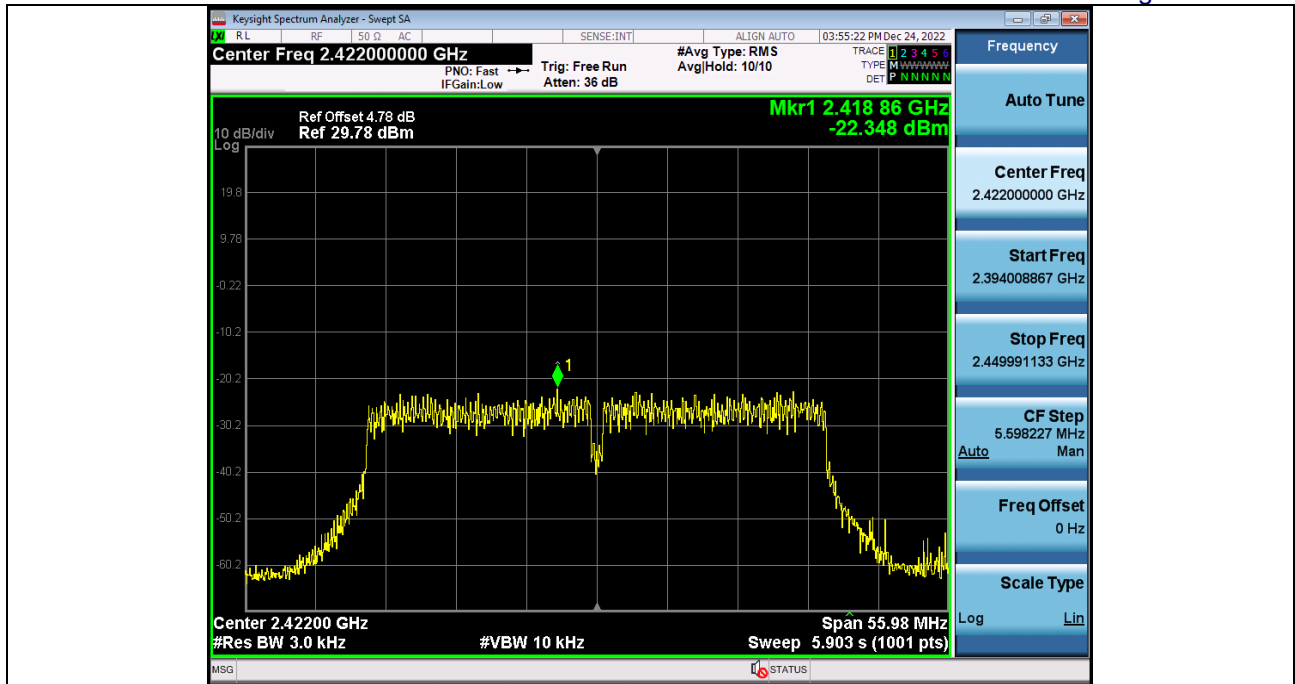
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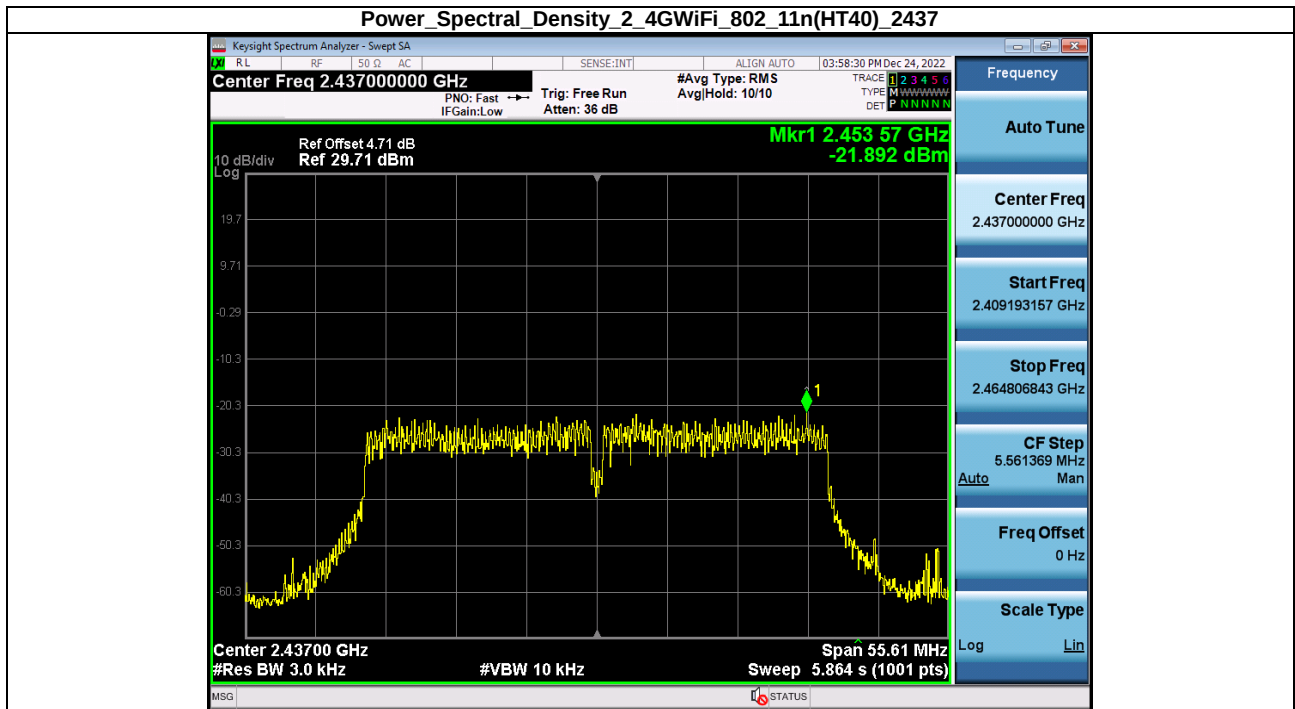
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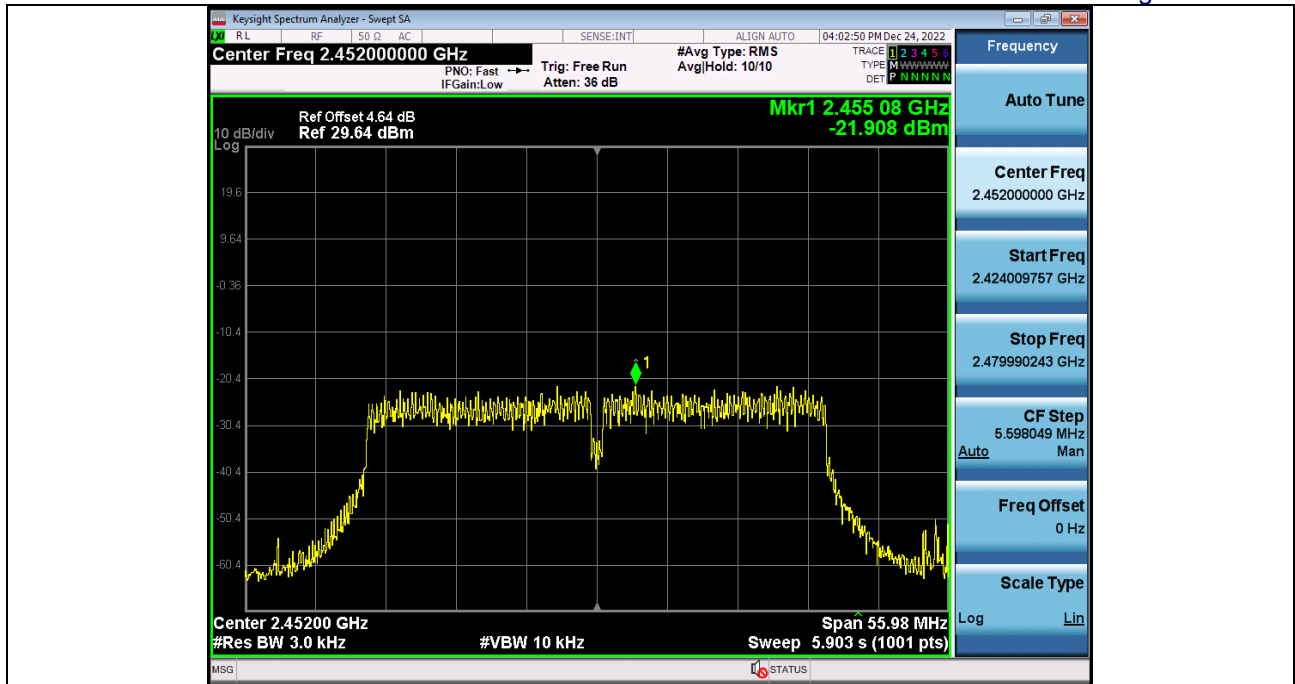
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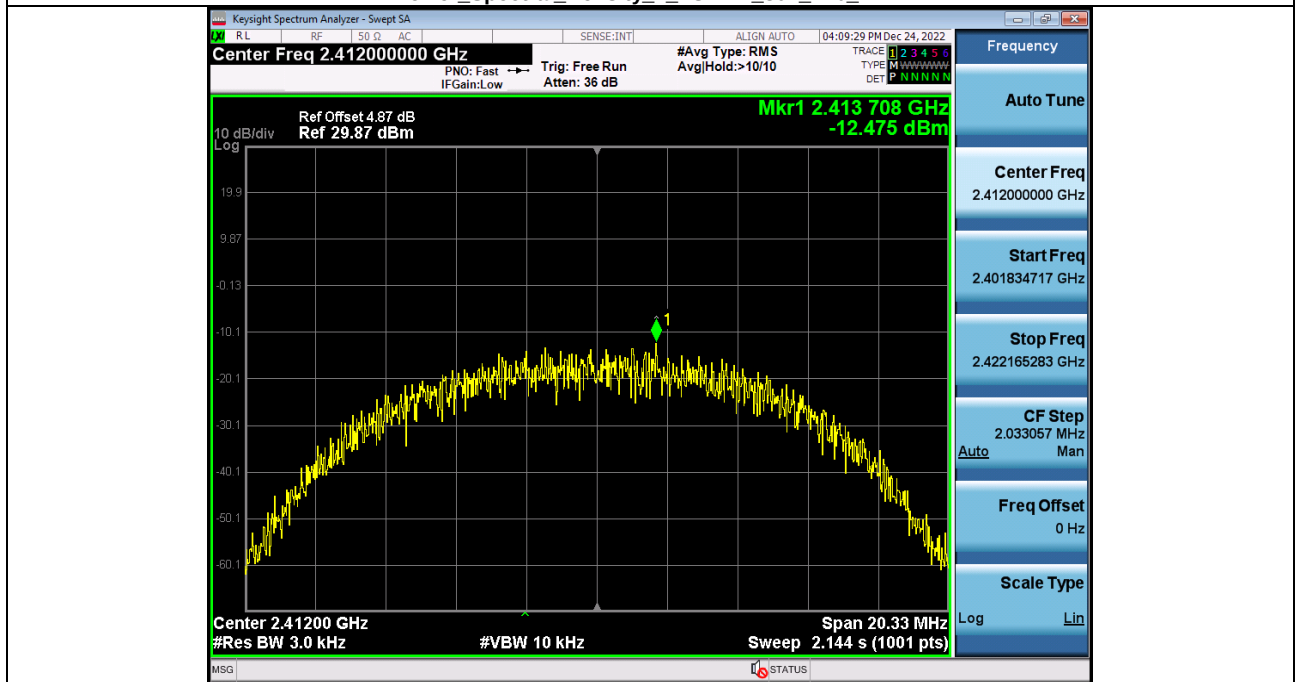


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ANT2

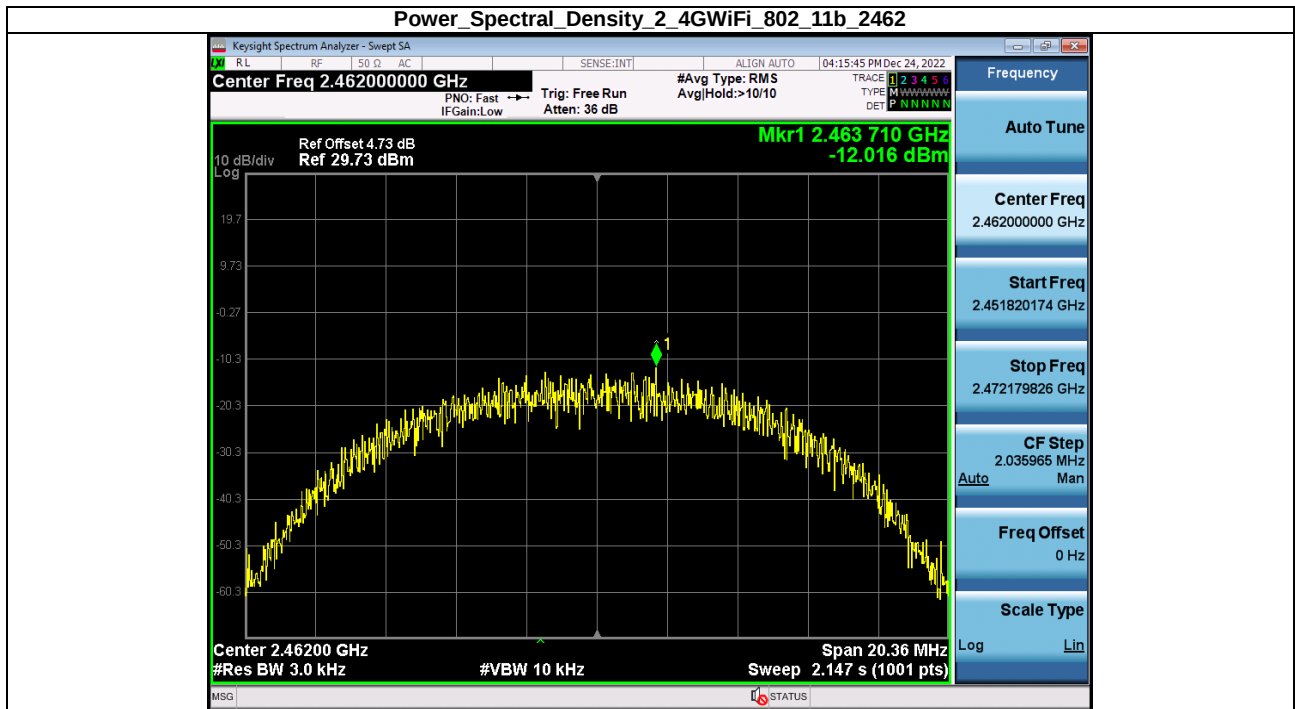
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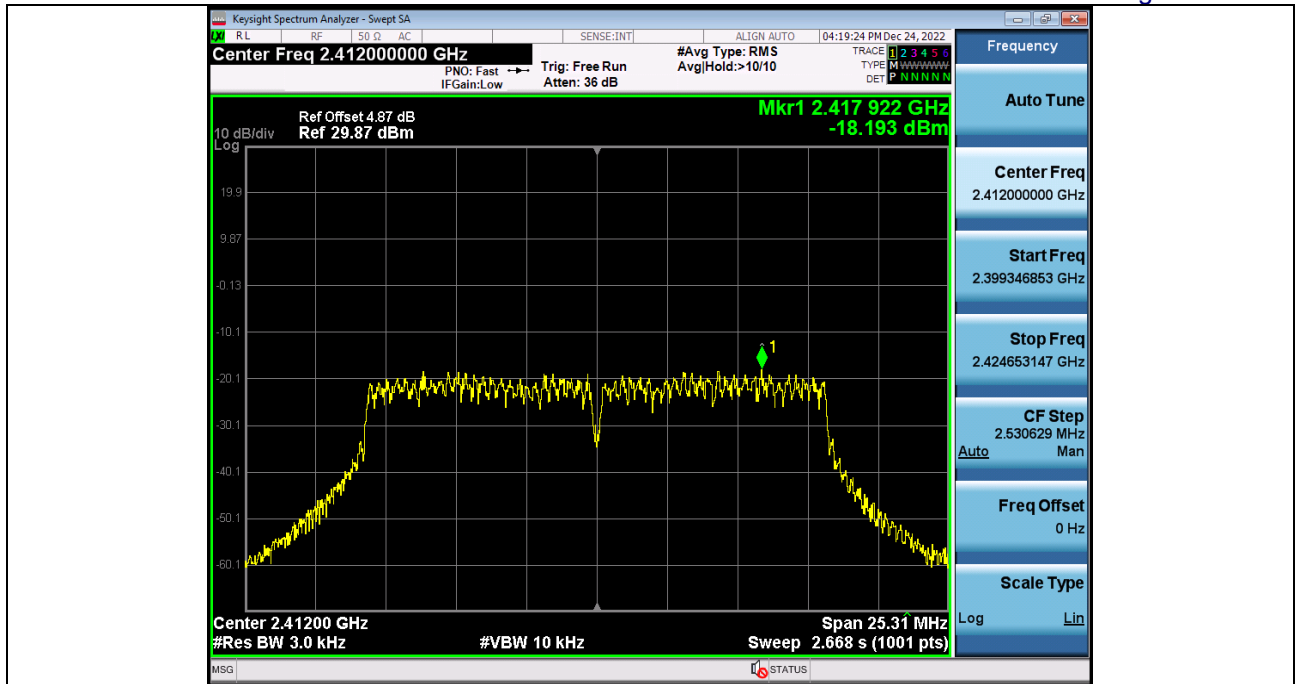
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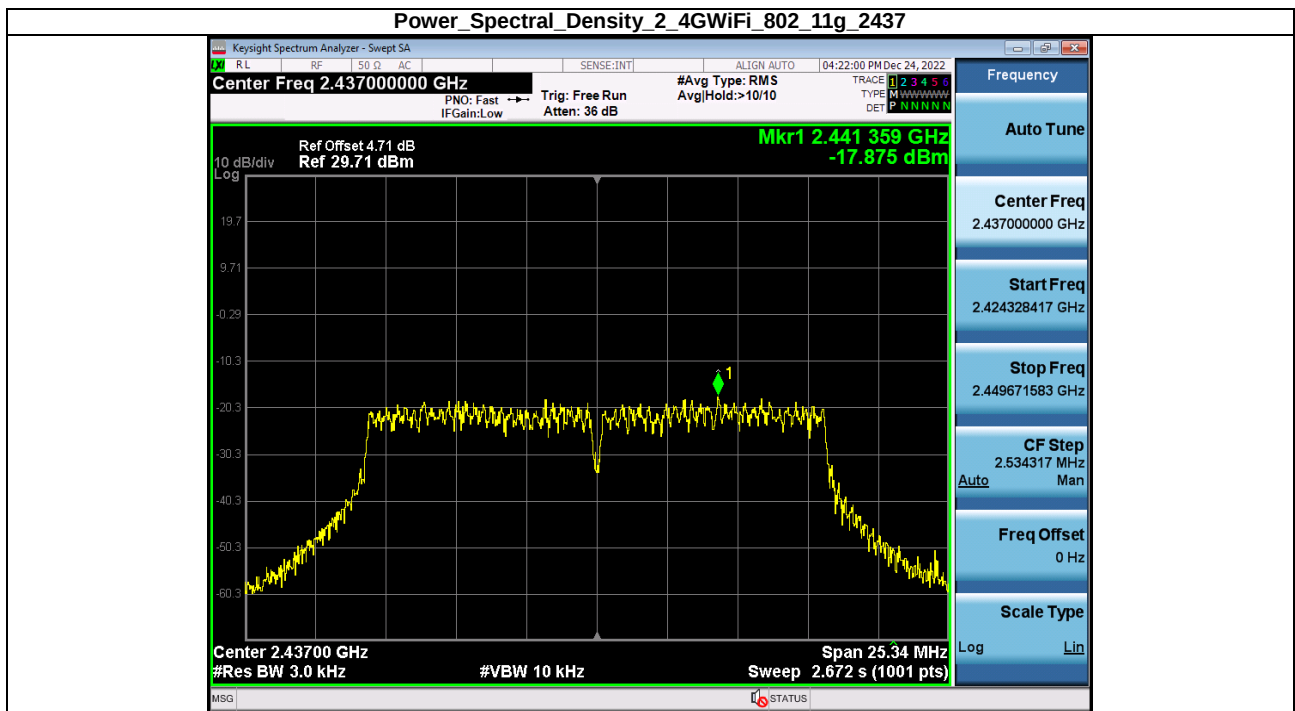
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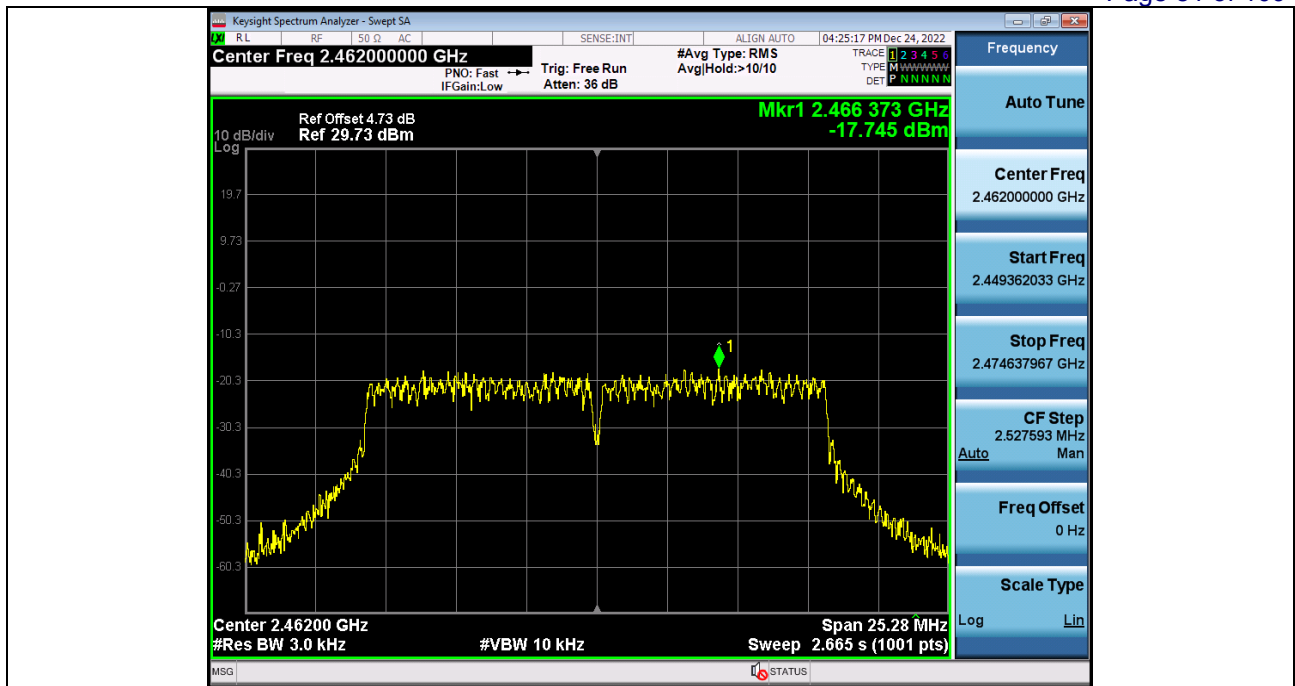
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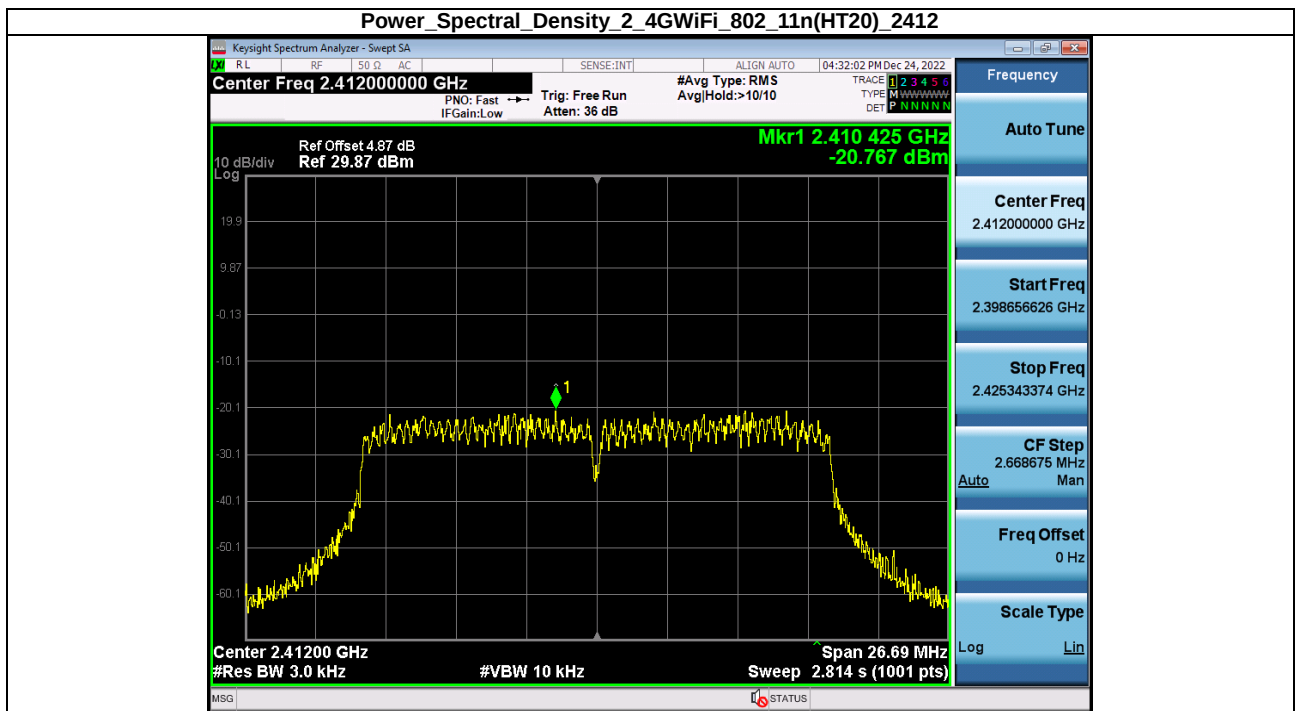
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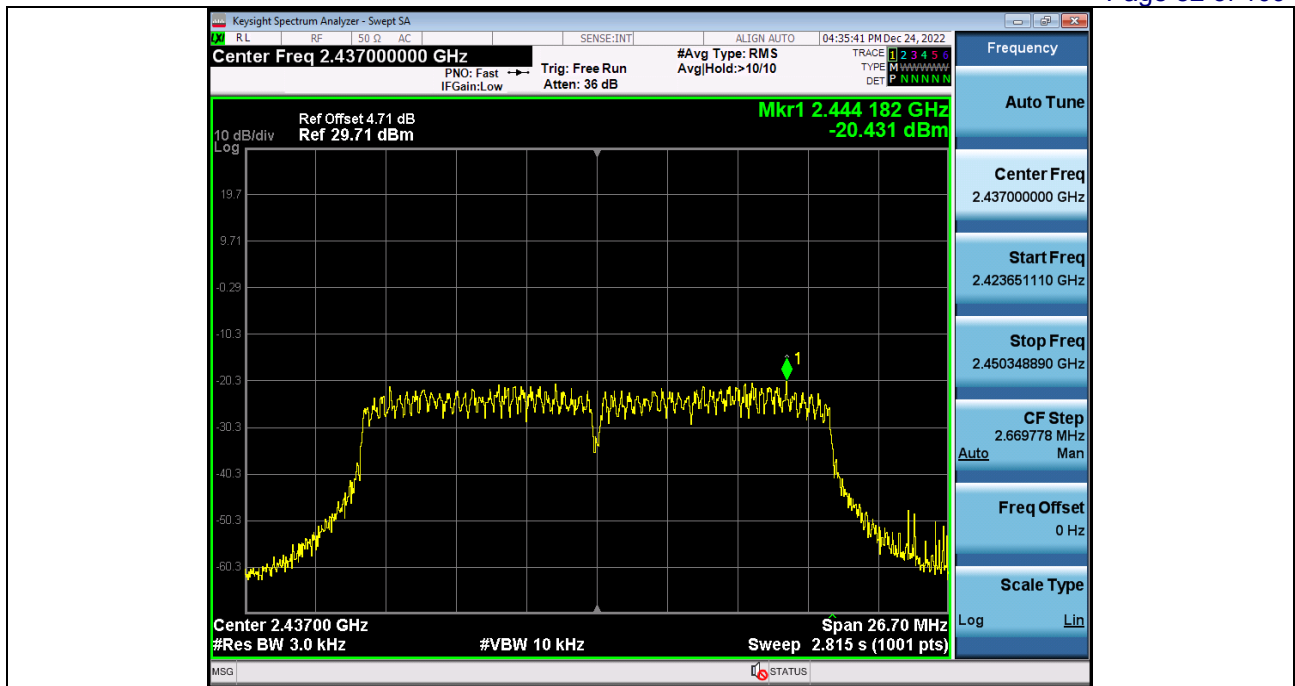
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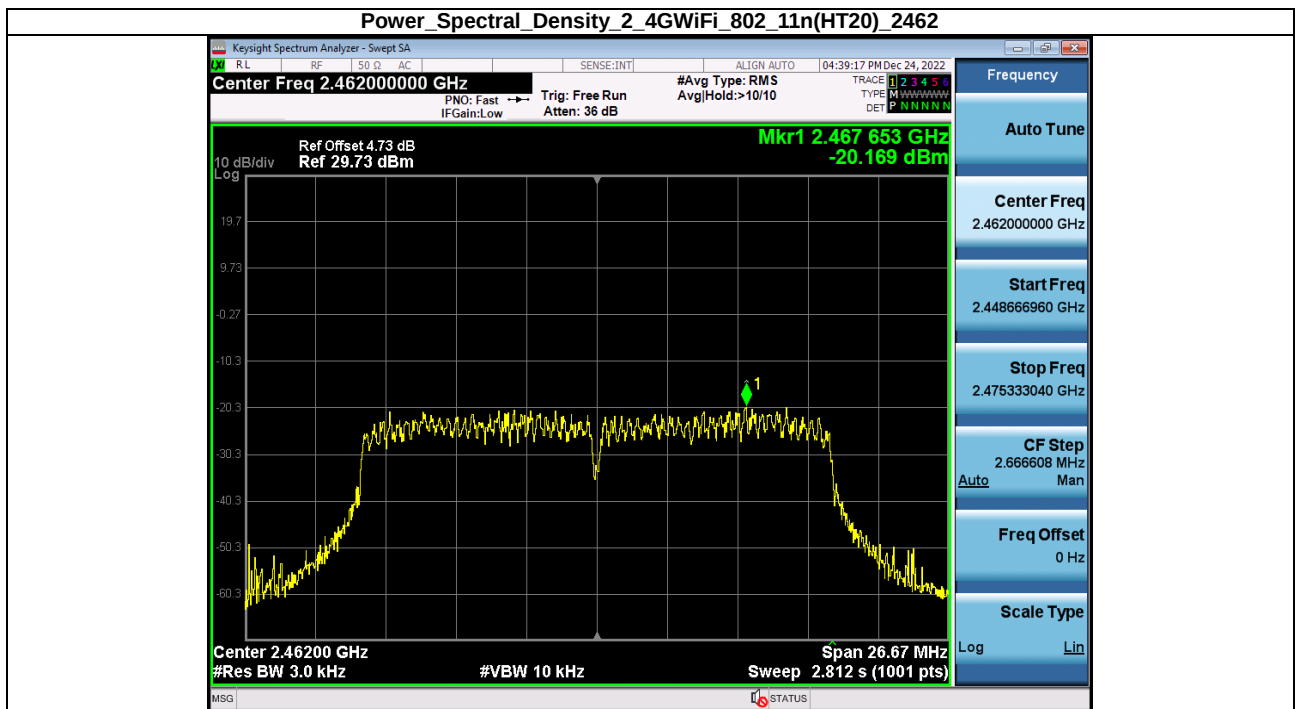
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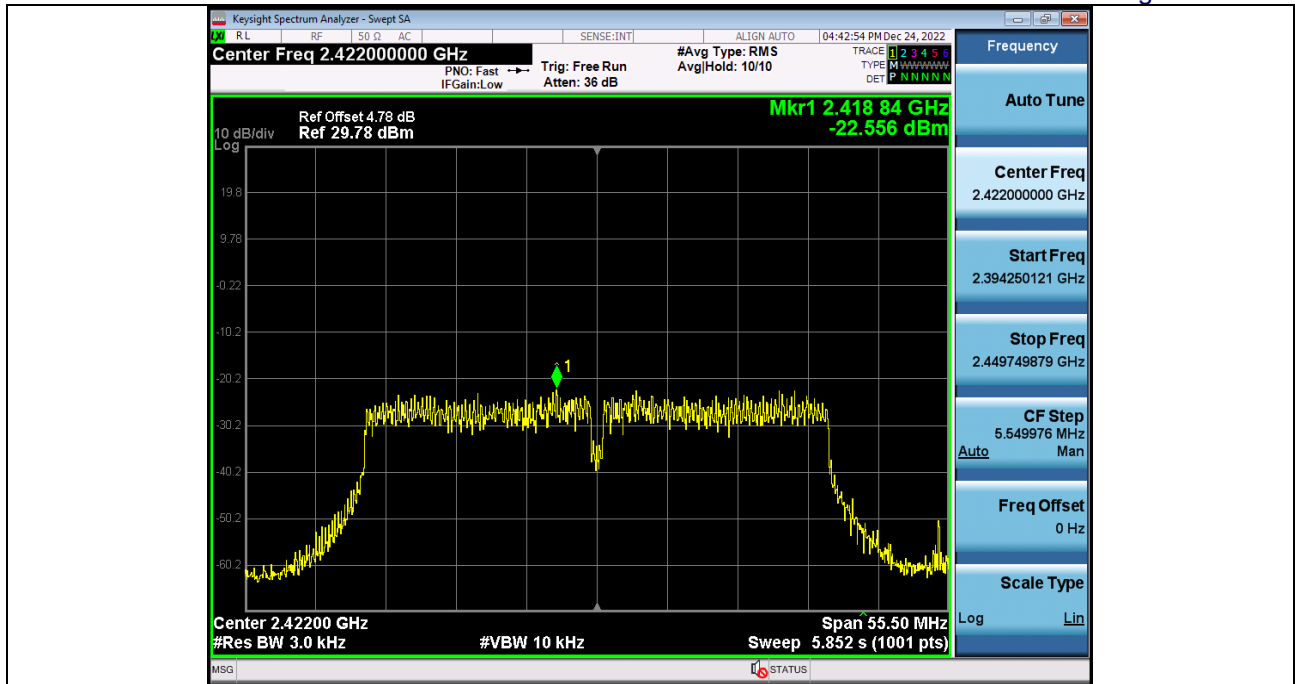
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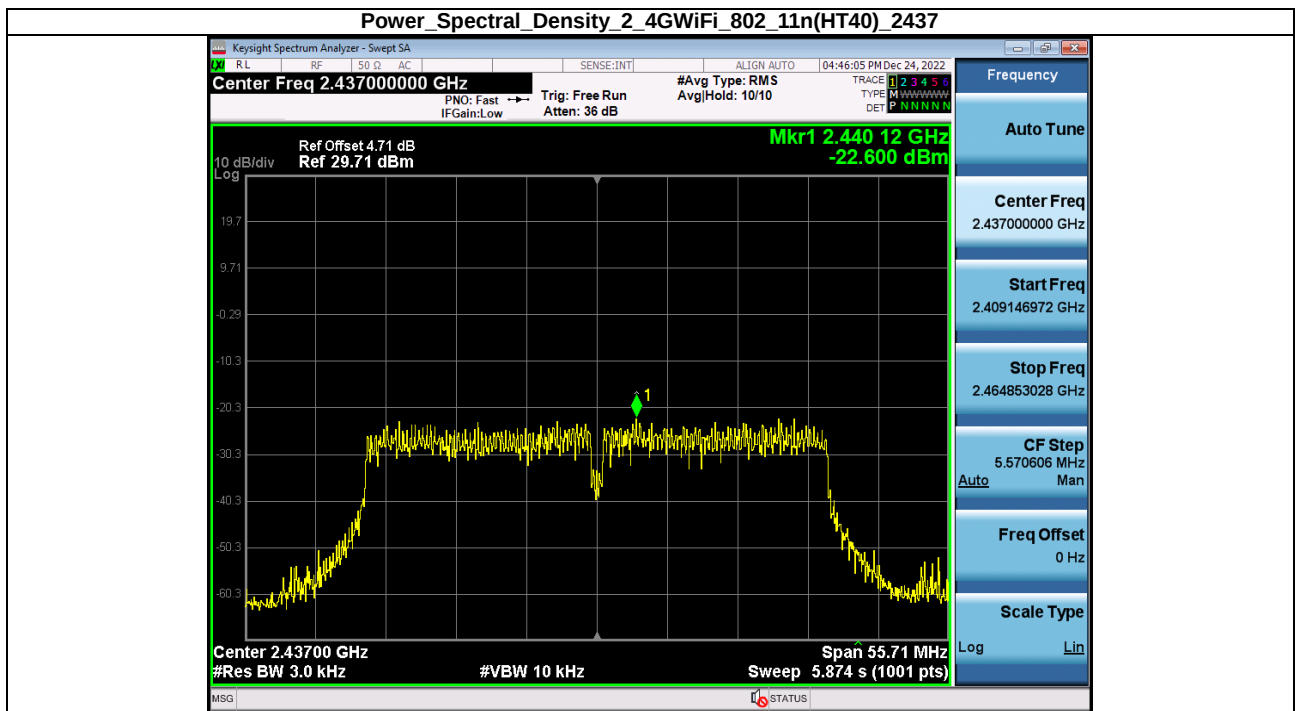
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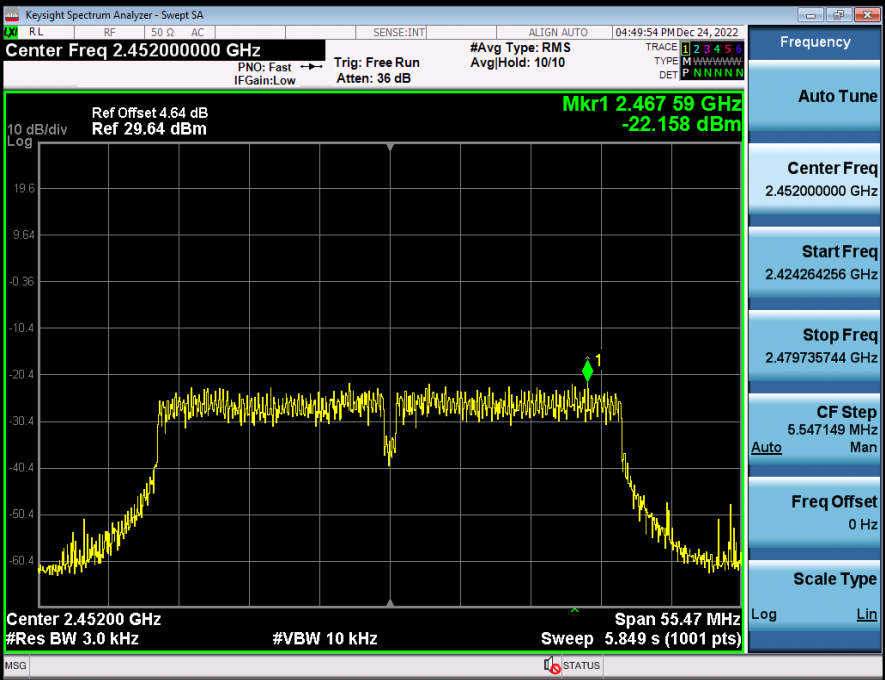
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Power_Spectral_Density_2_4GWiFi_802_11n(HT40)_2437

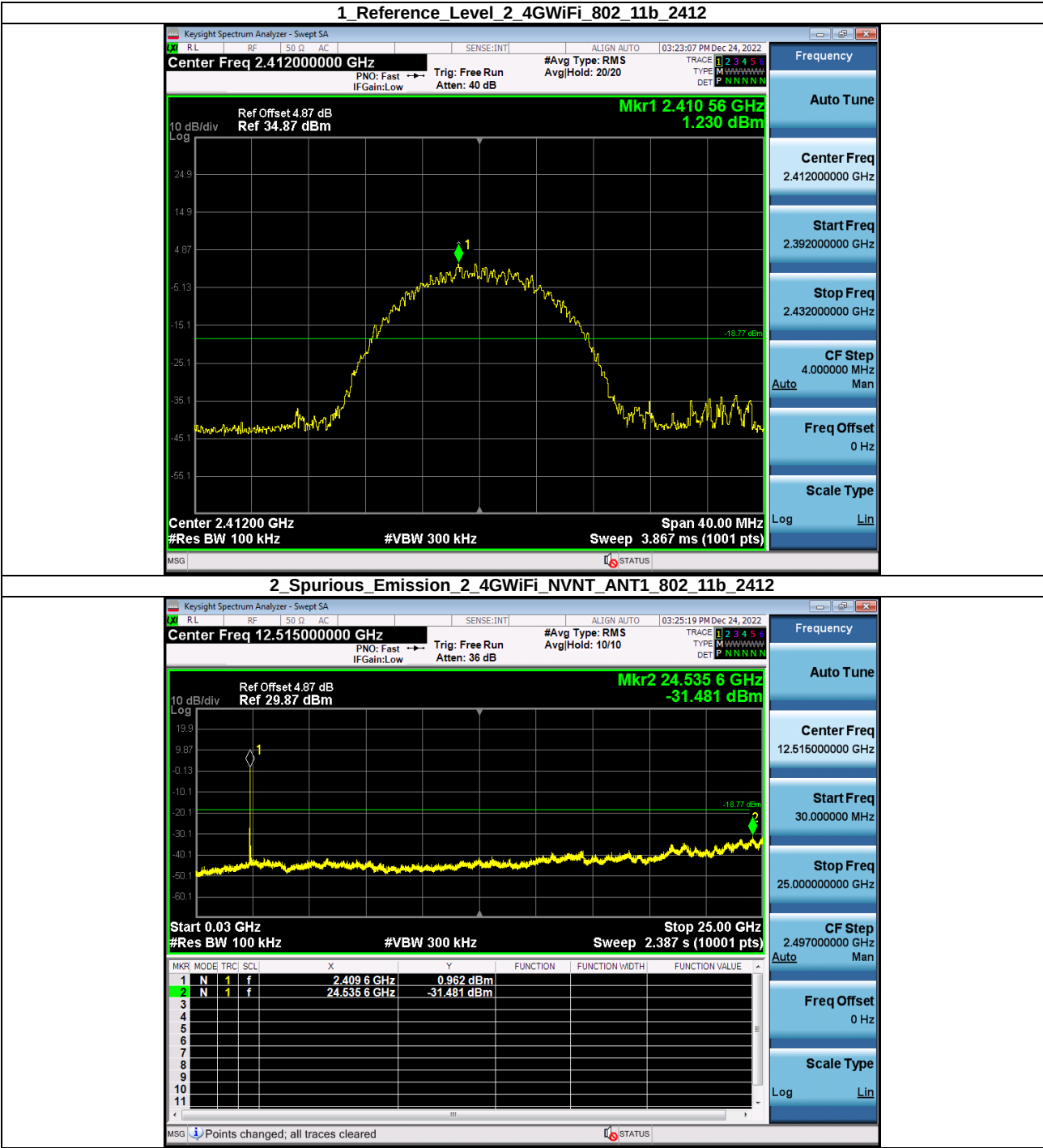


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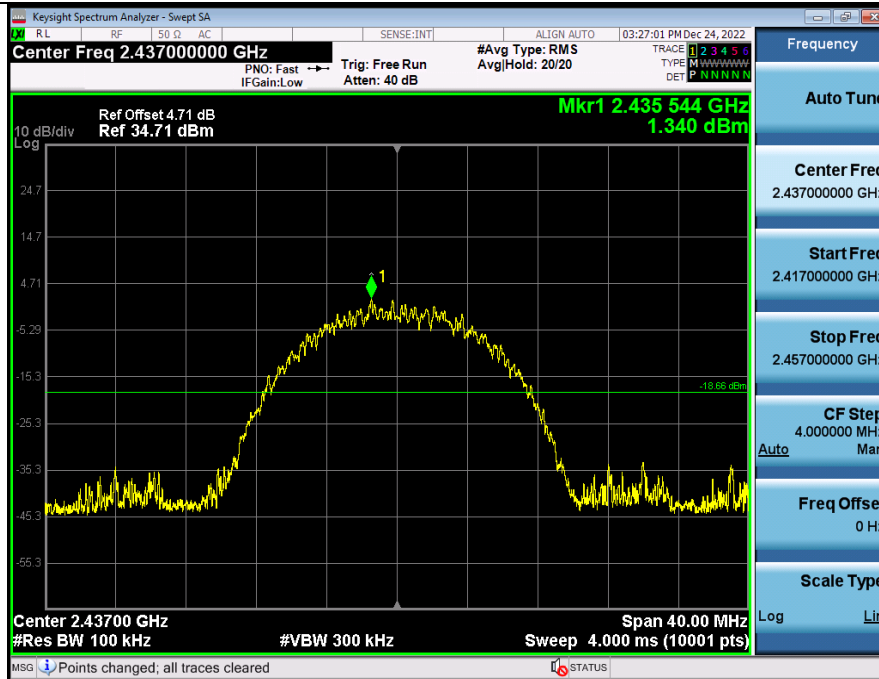


11.5. SPURIOUS EMISSION

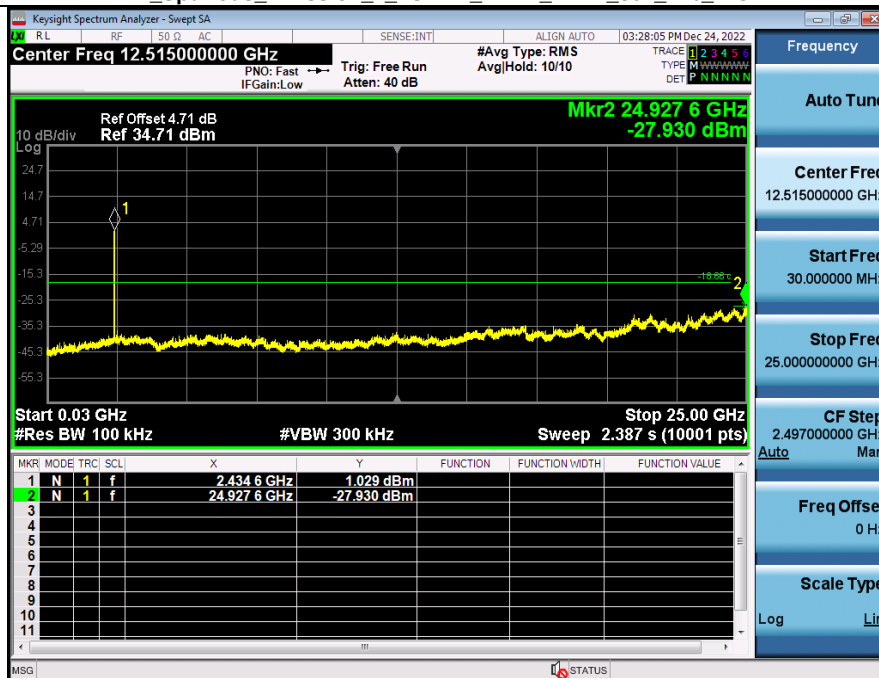
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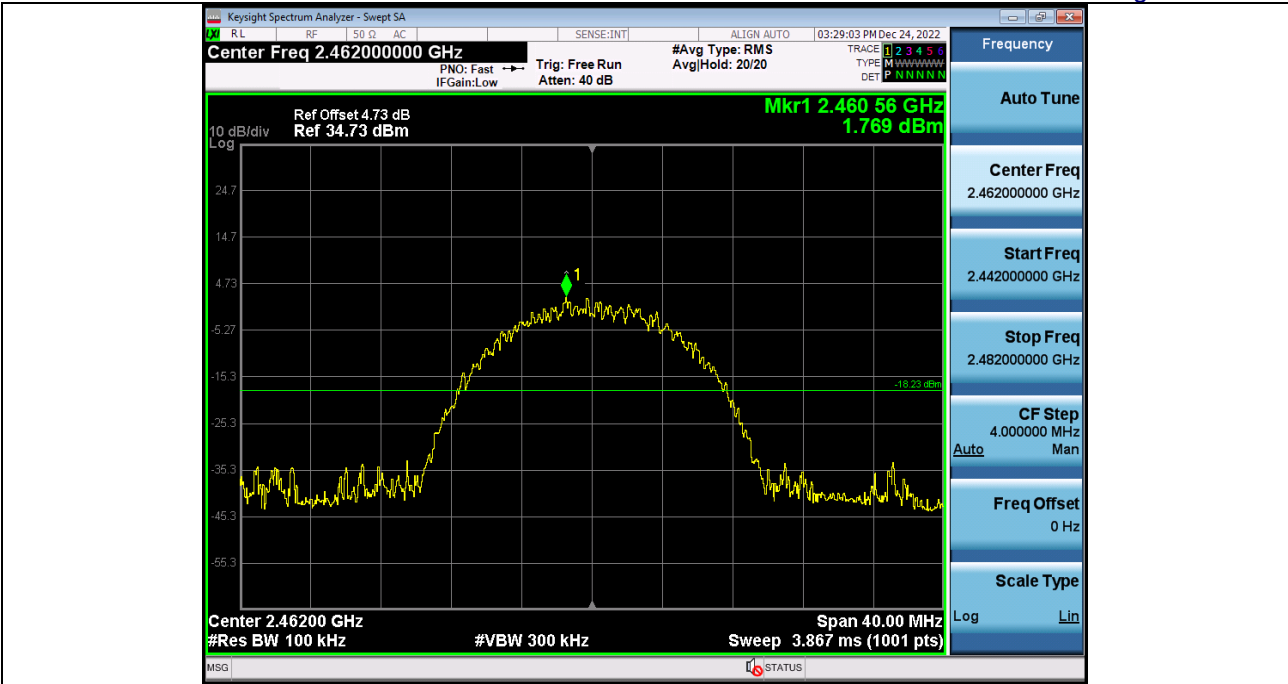
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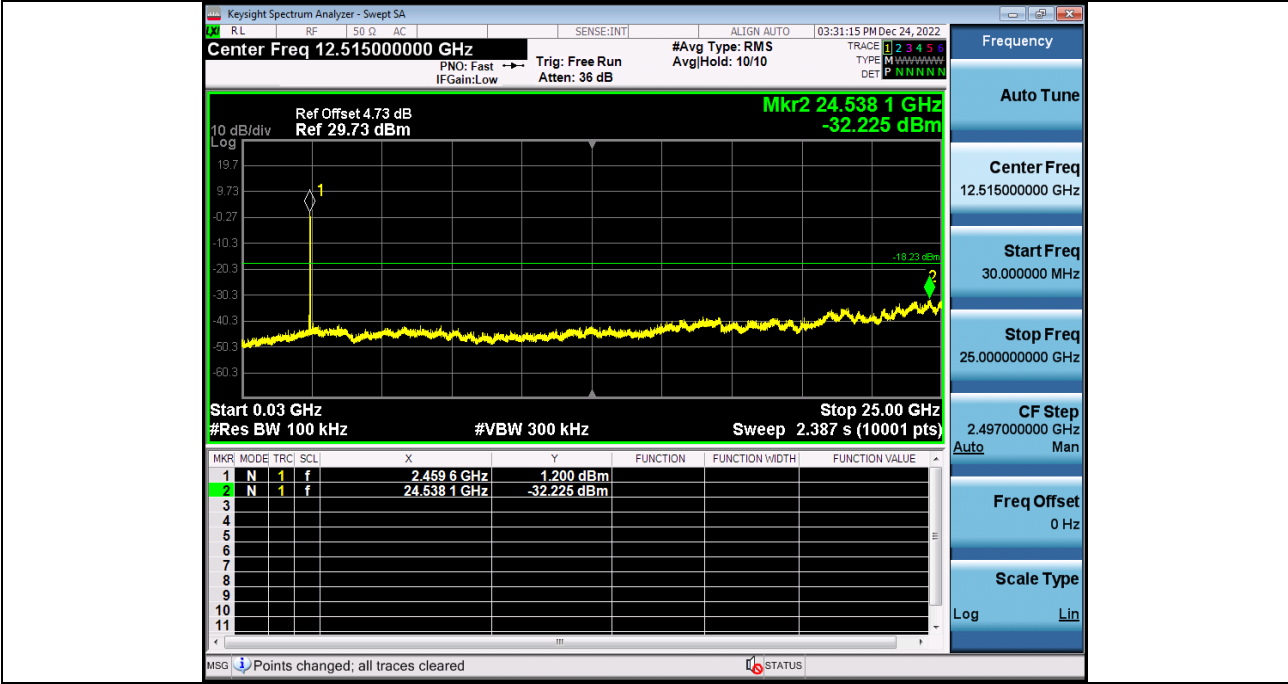
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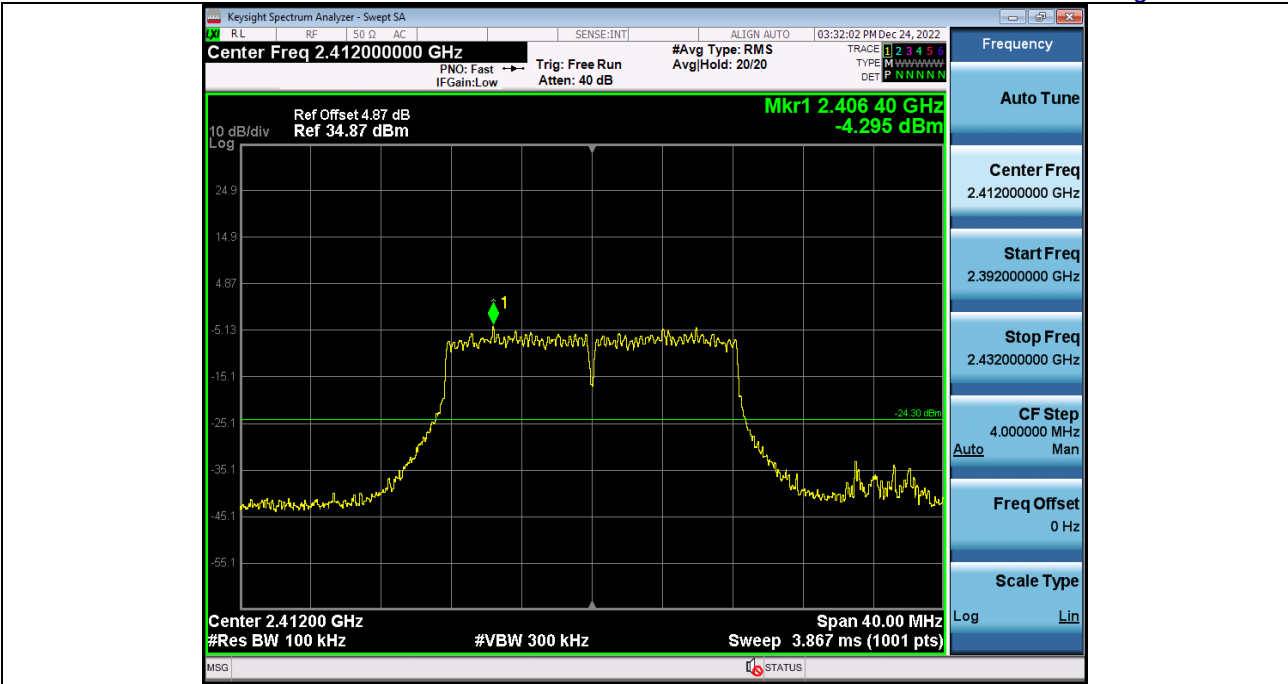
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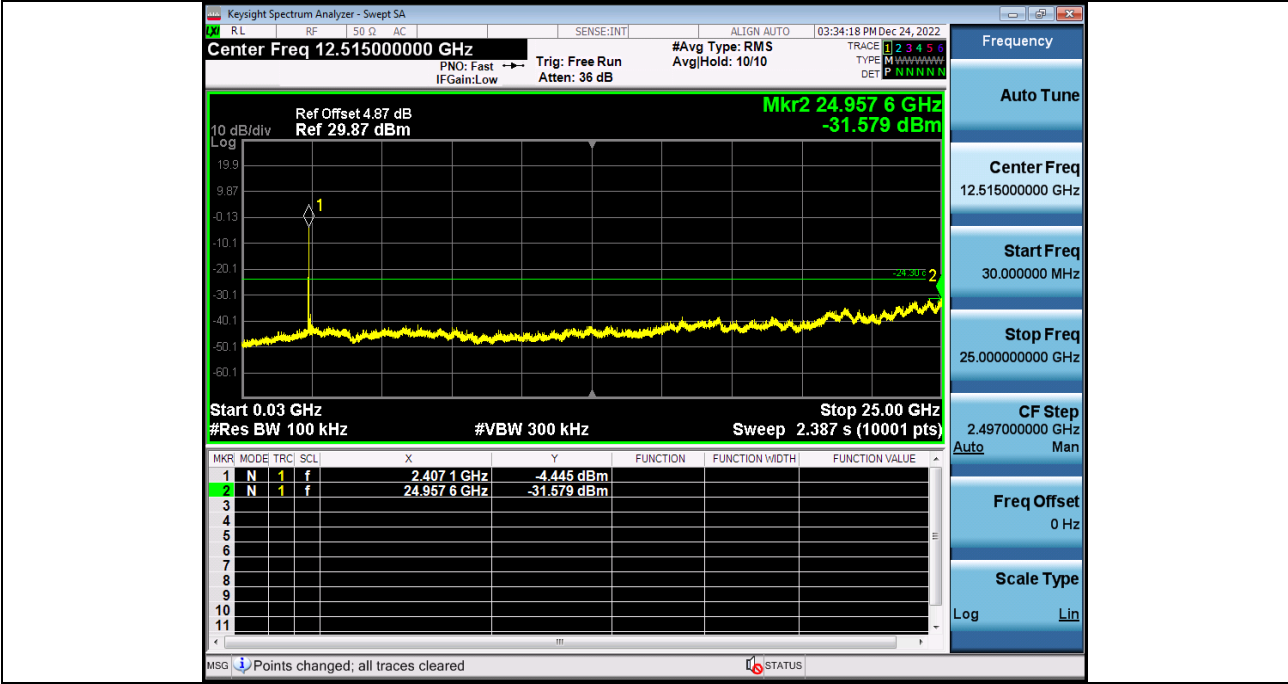
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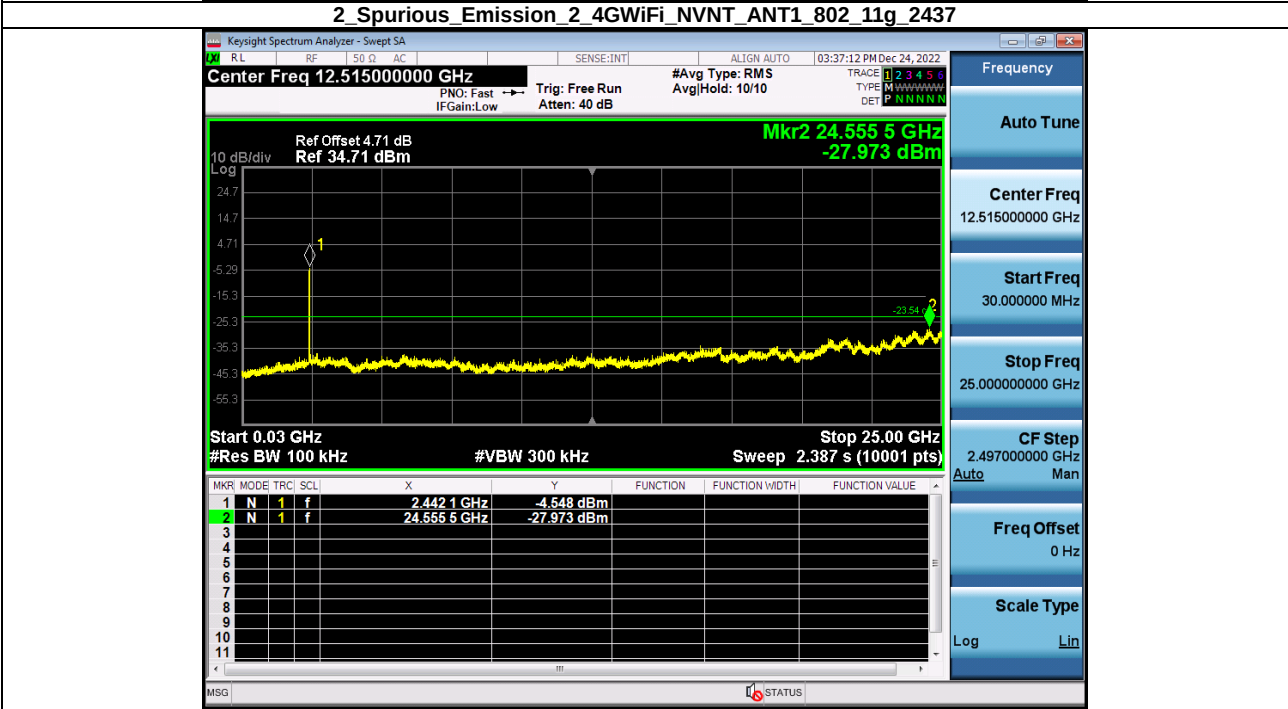
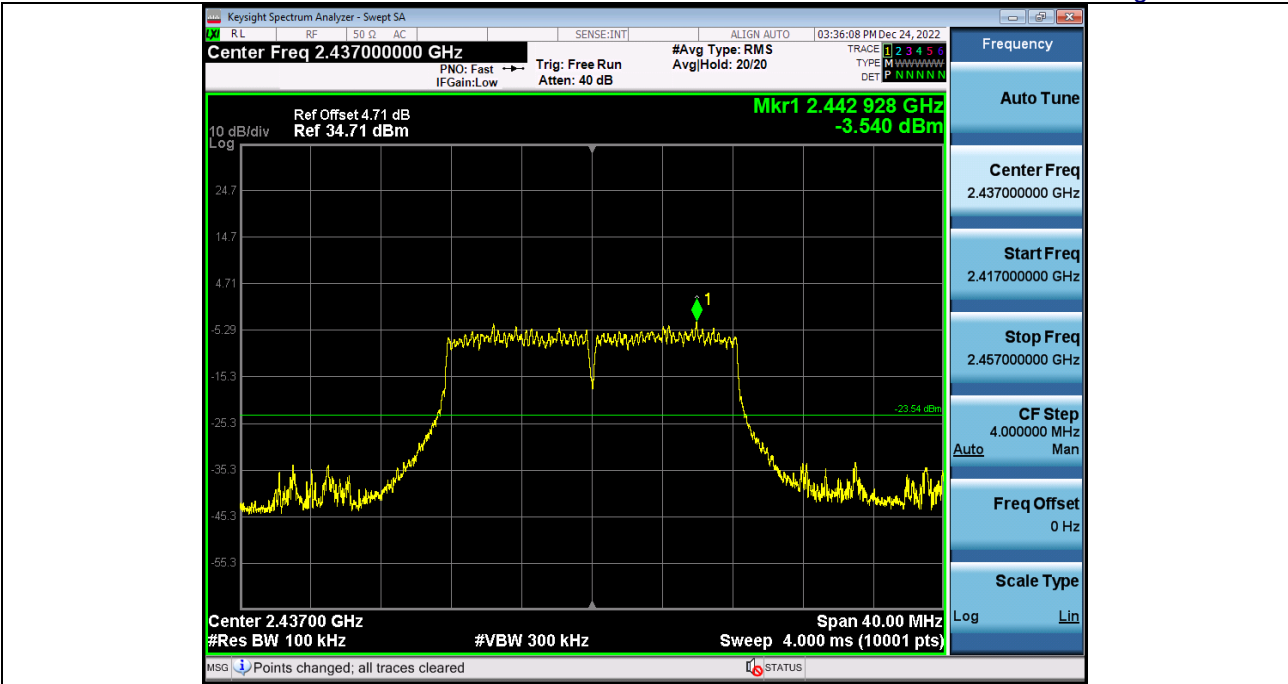
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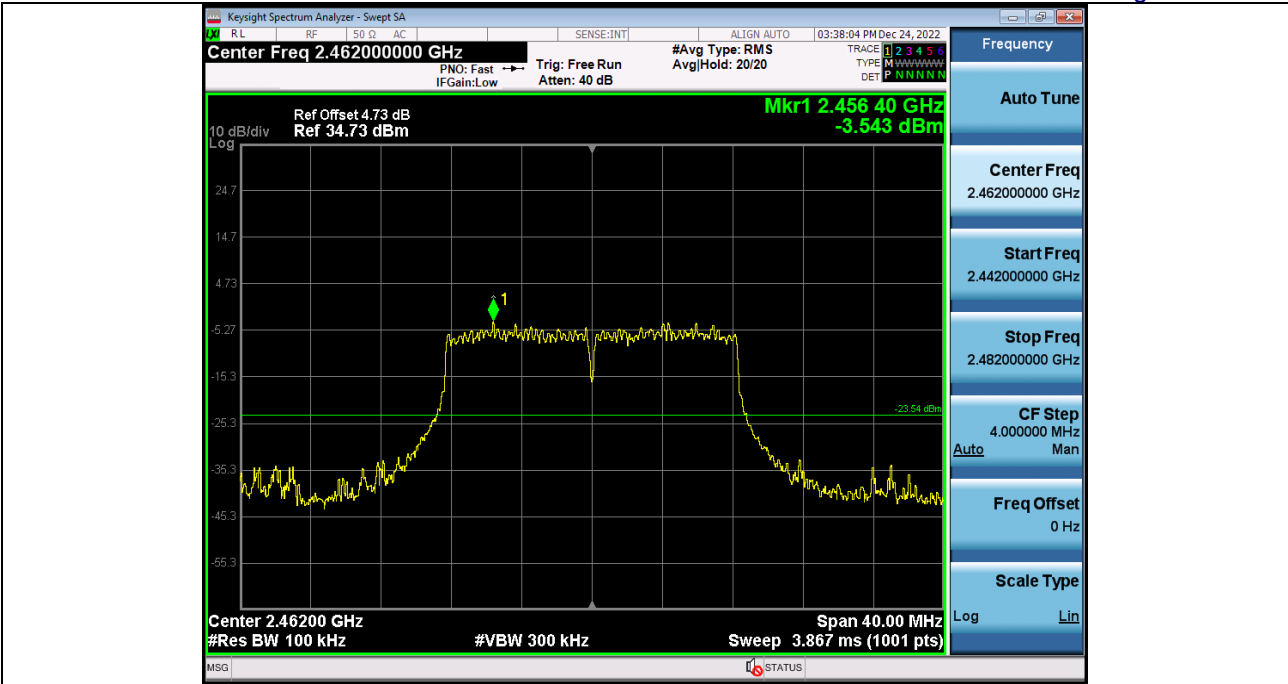
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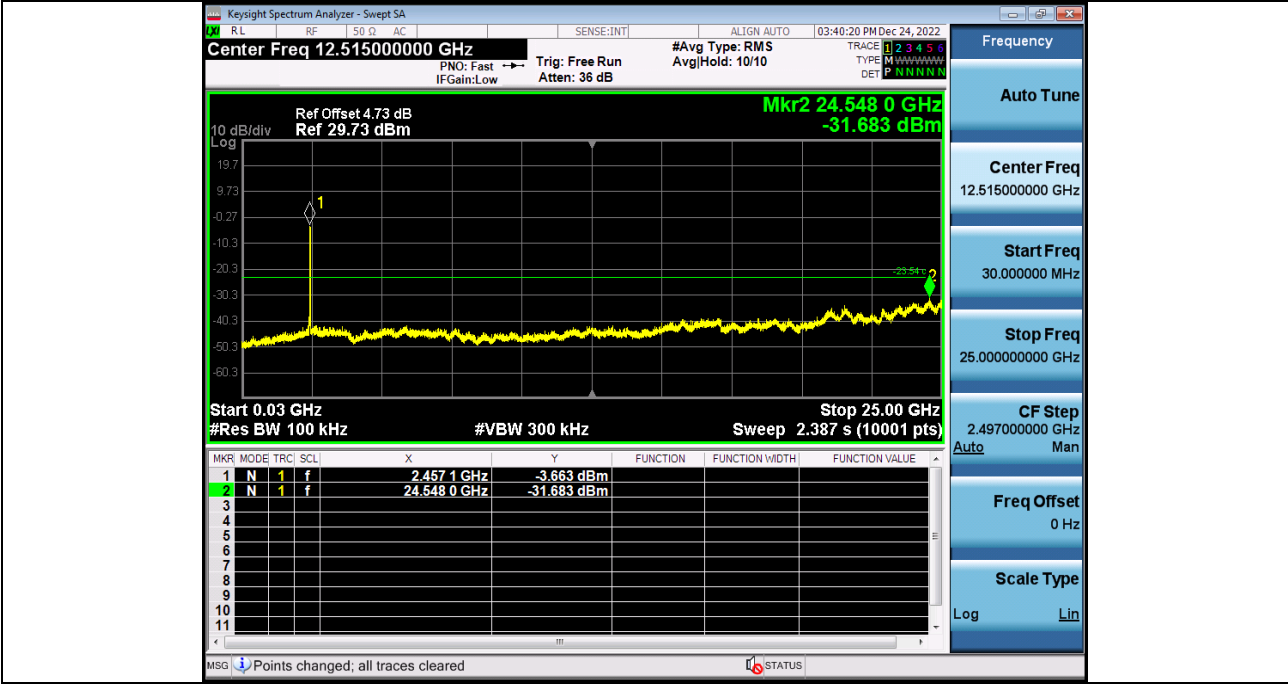
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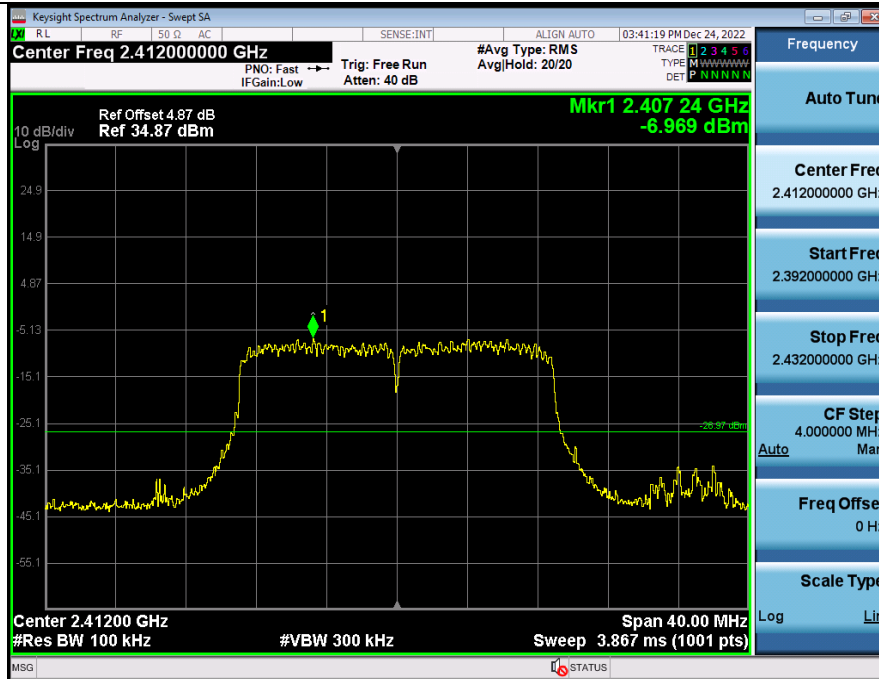
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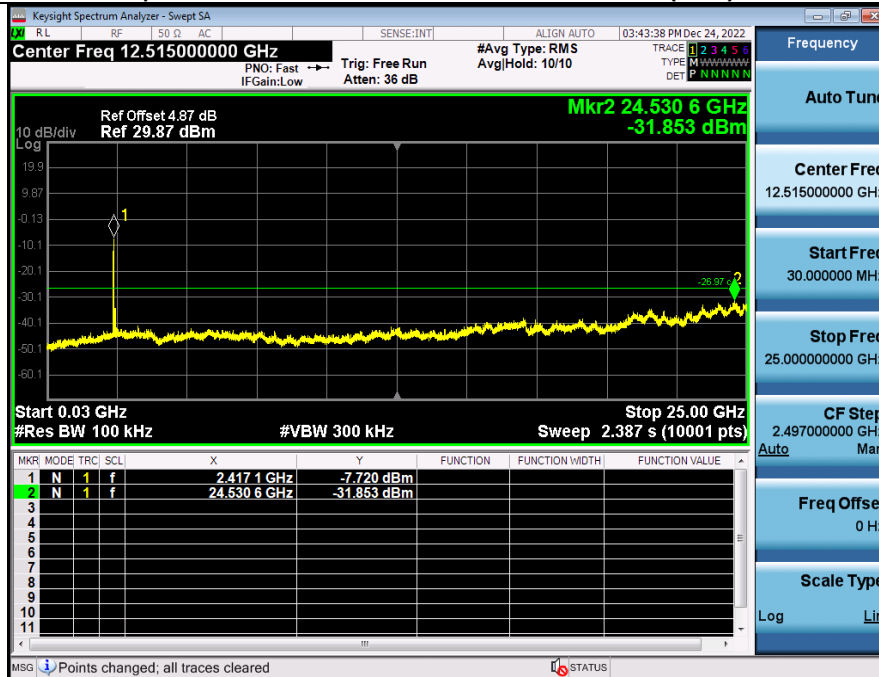
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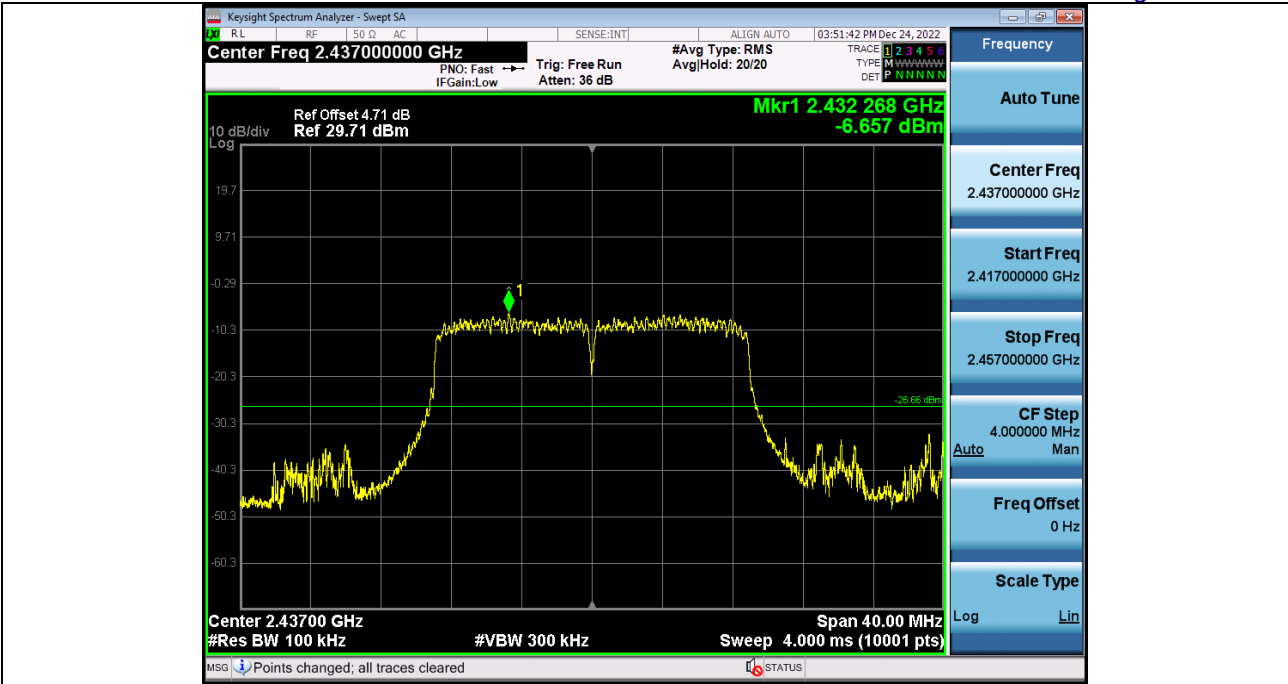
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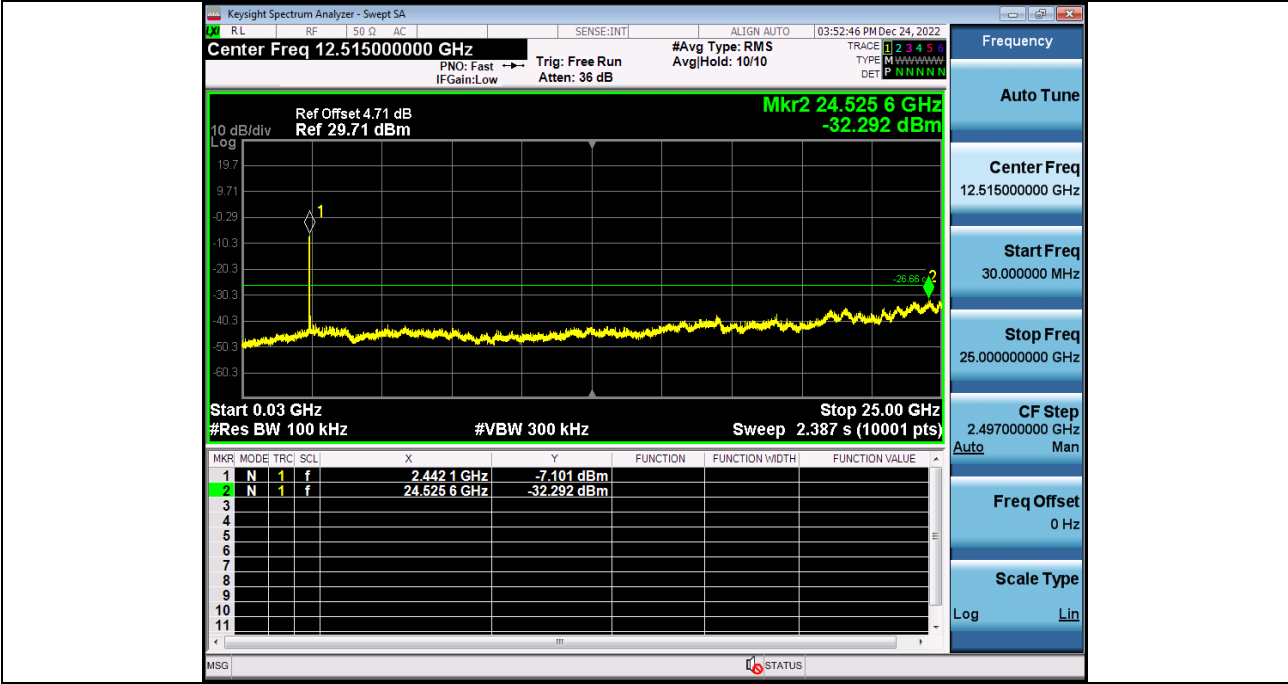
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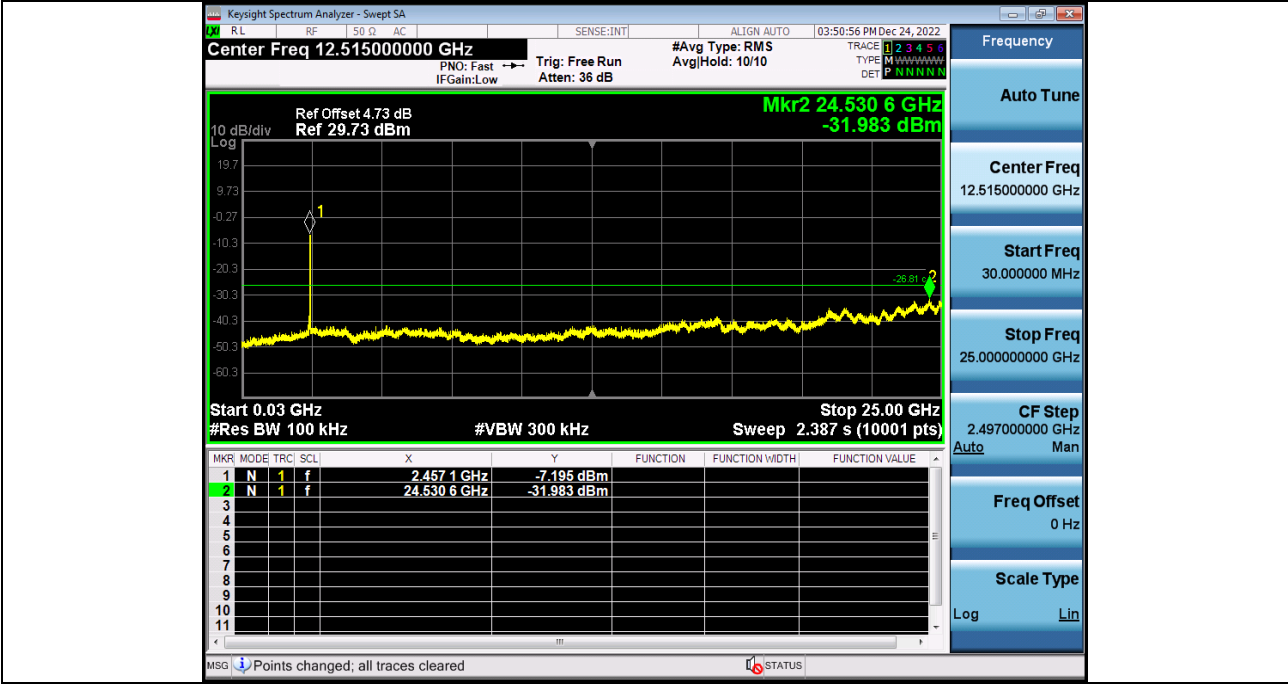
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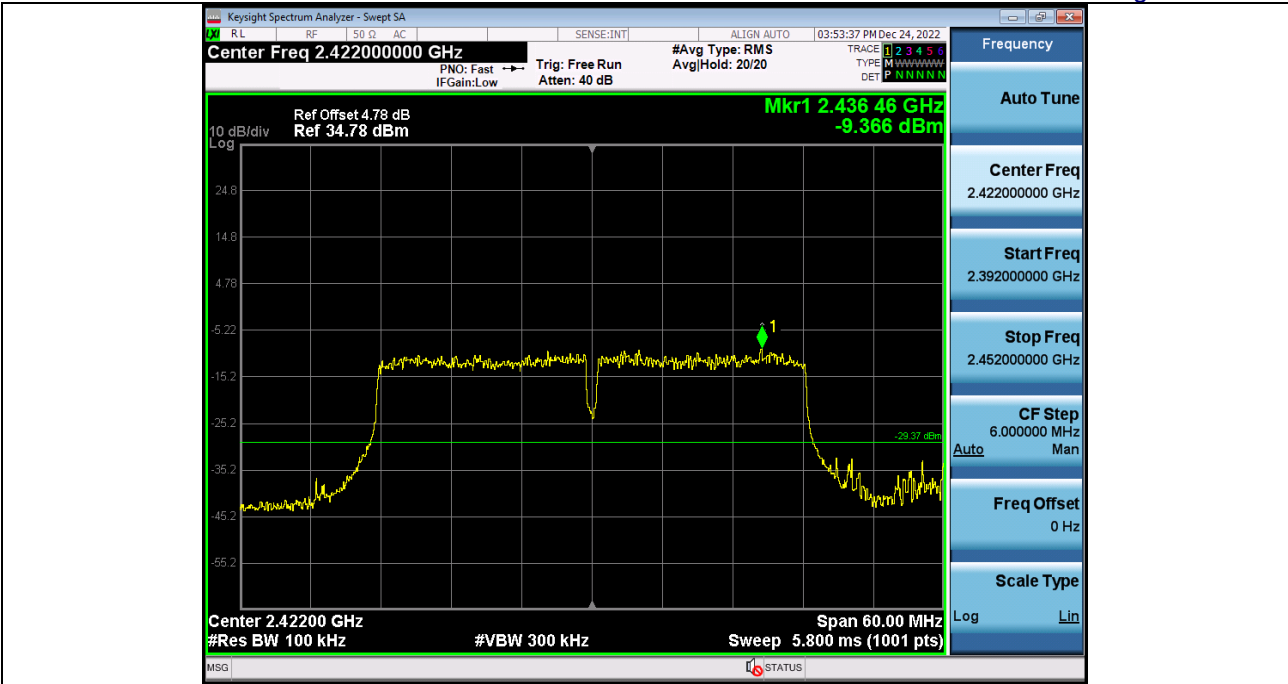
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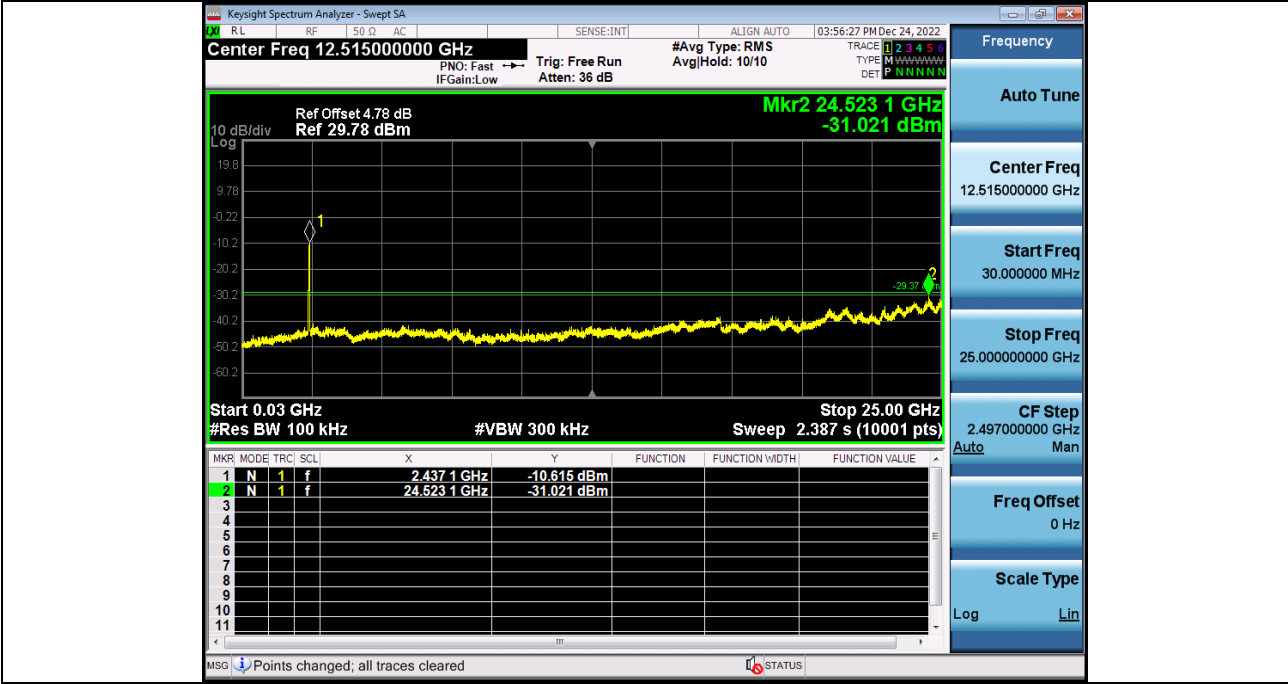
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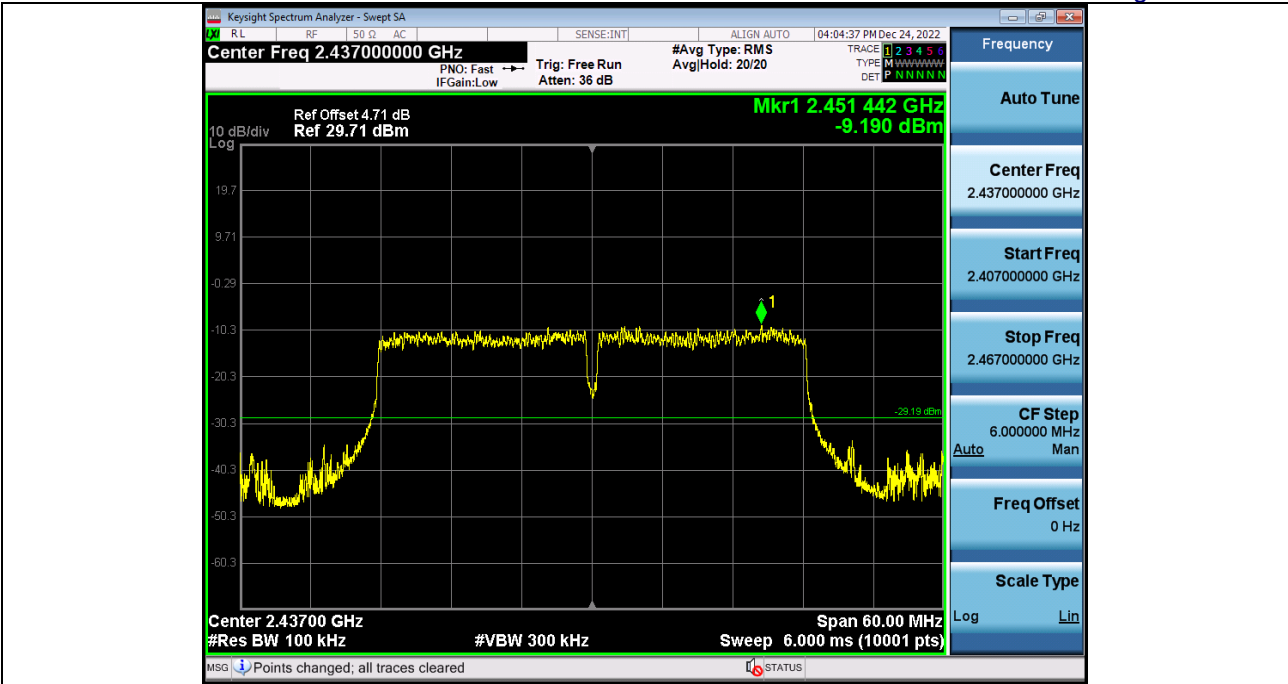
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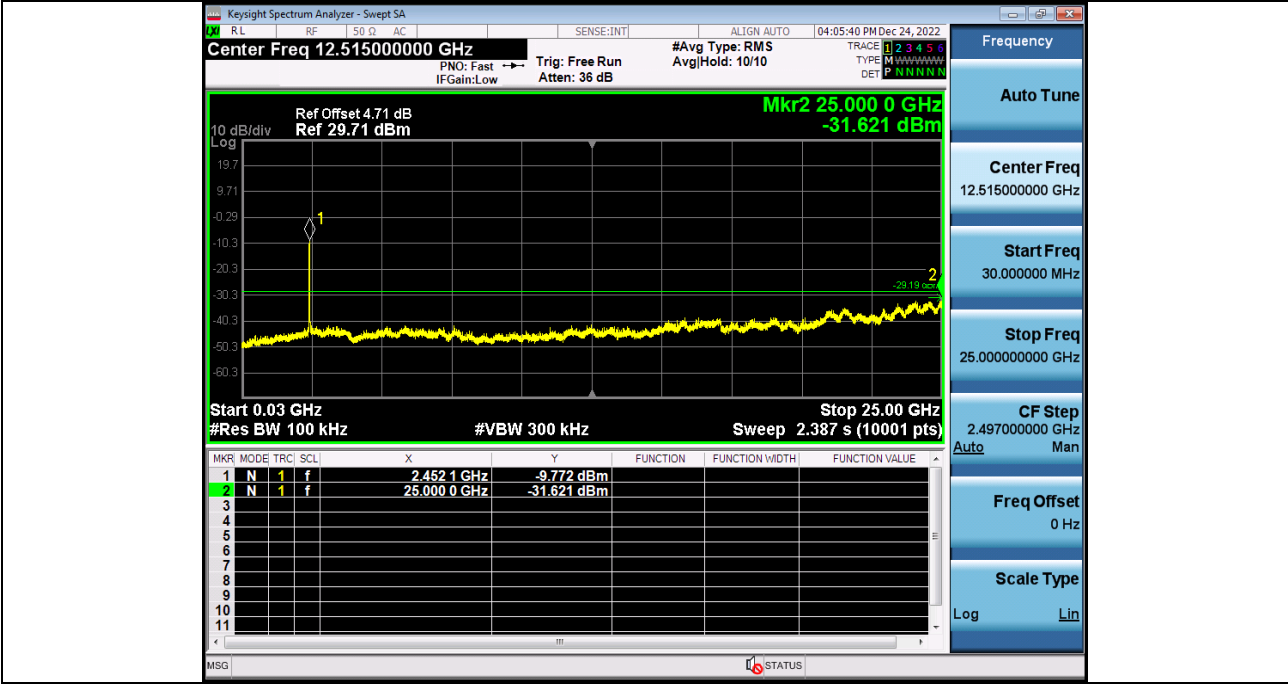
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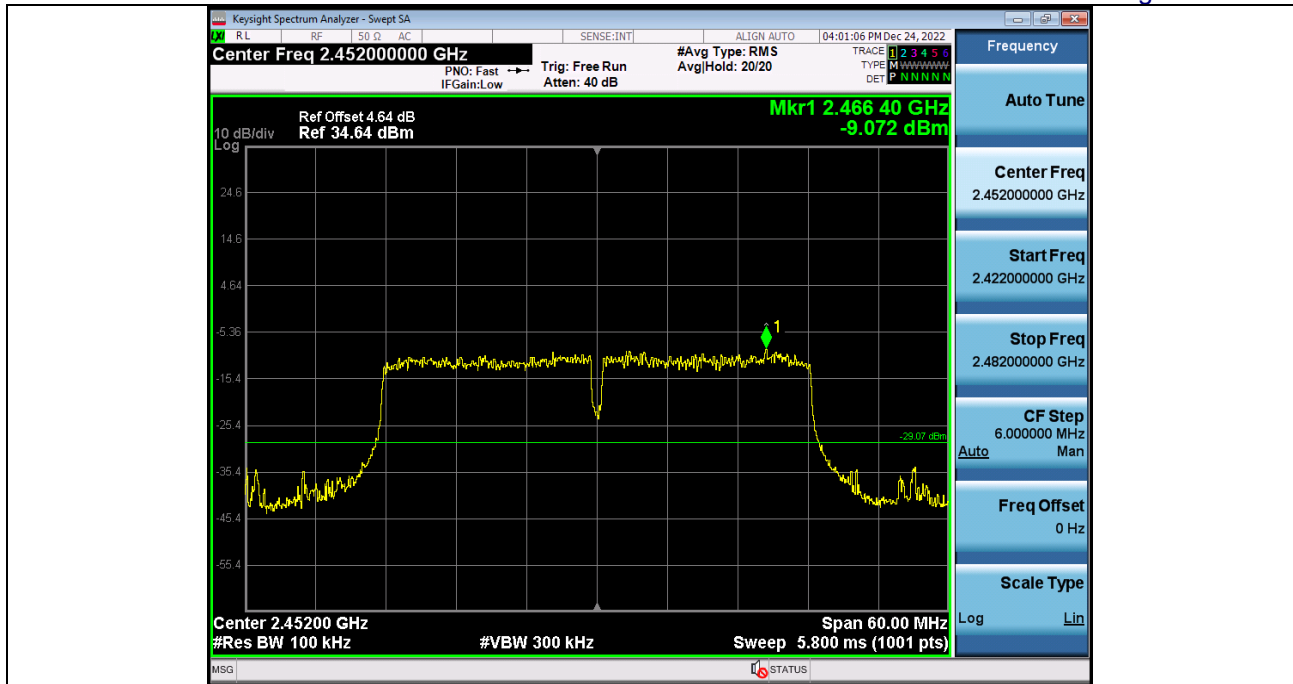
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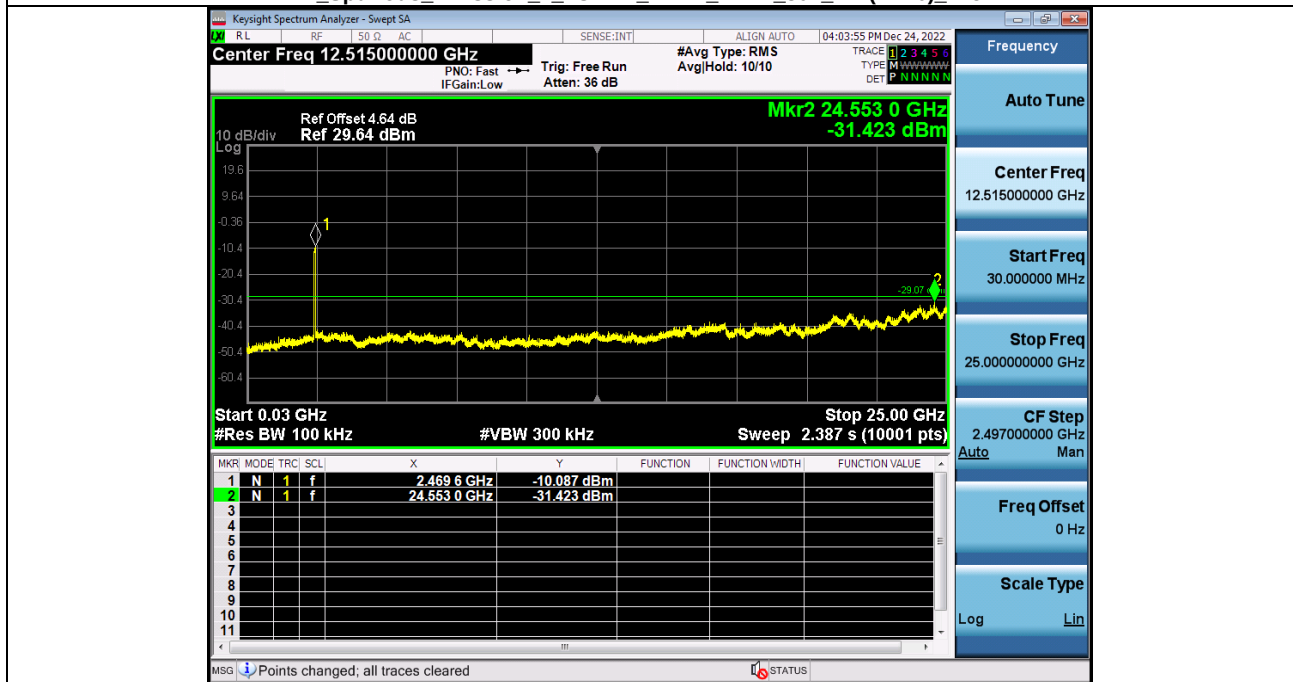
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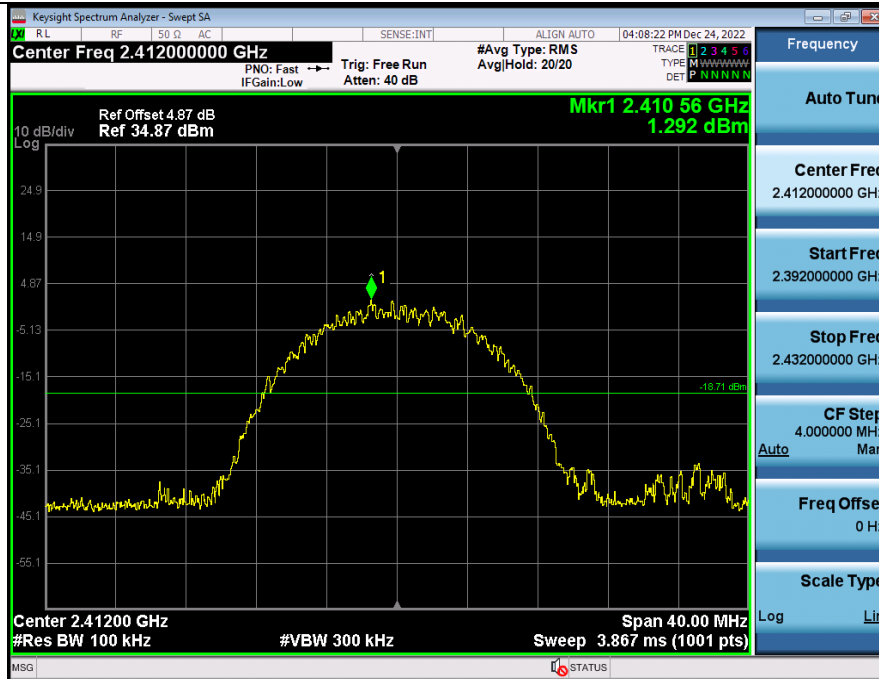


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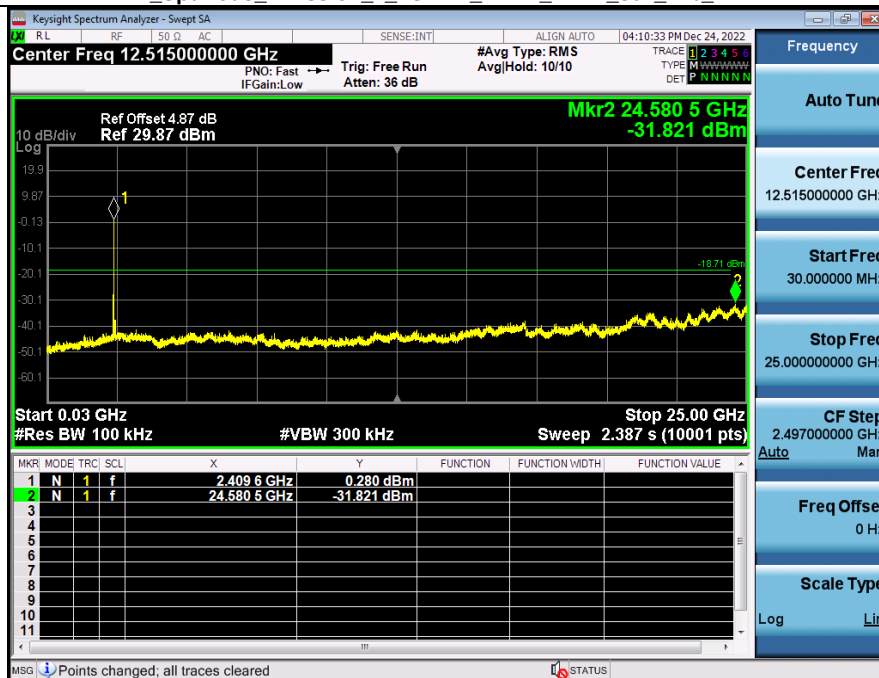


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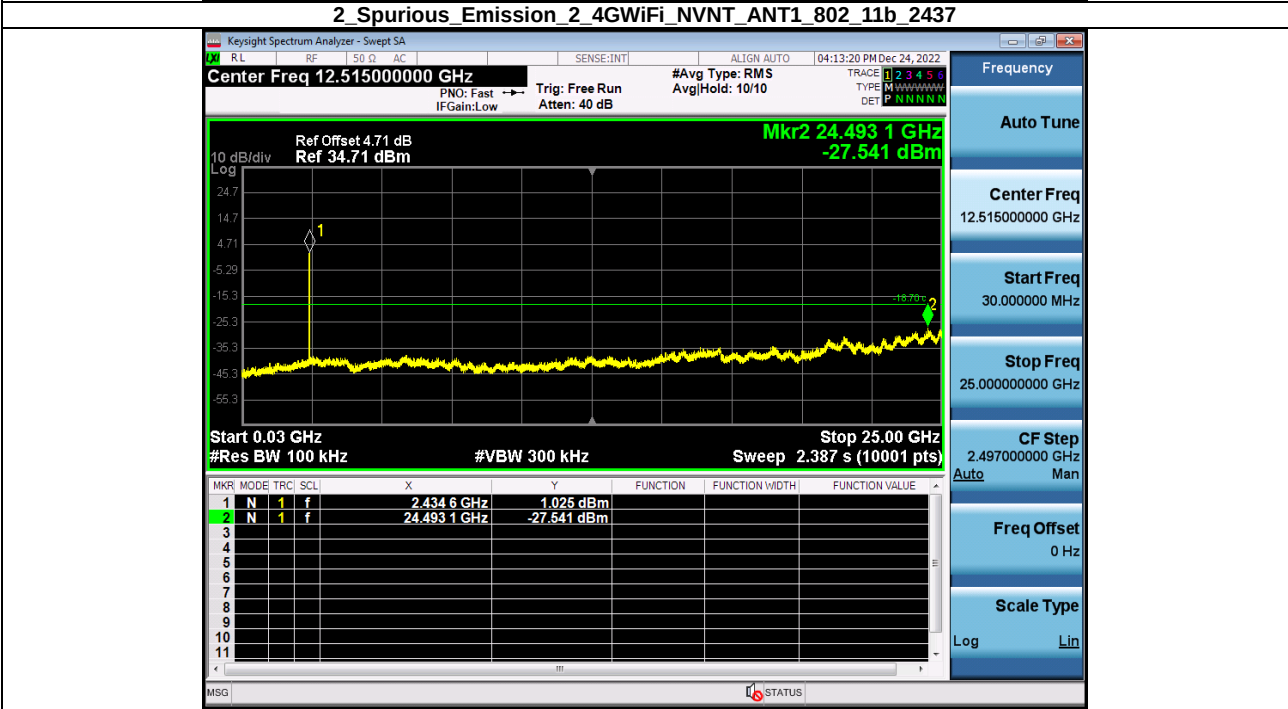
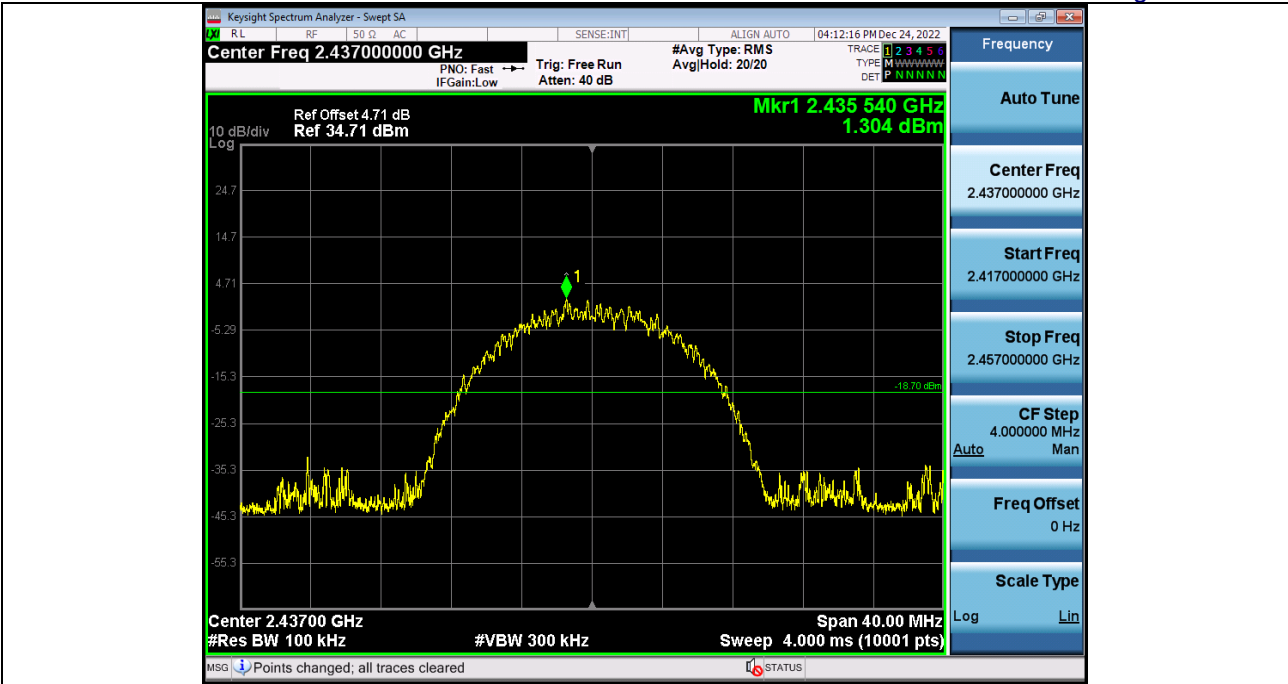
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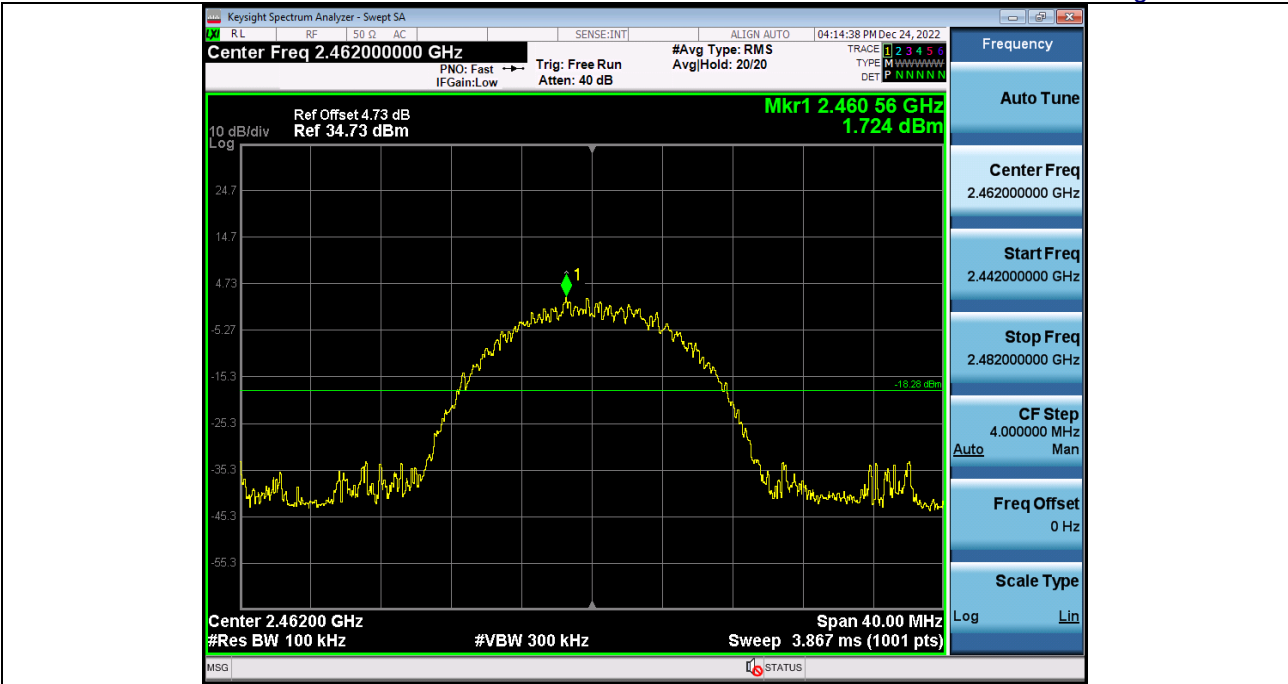
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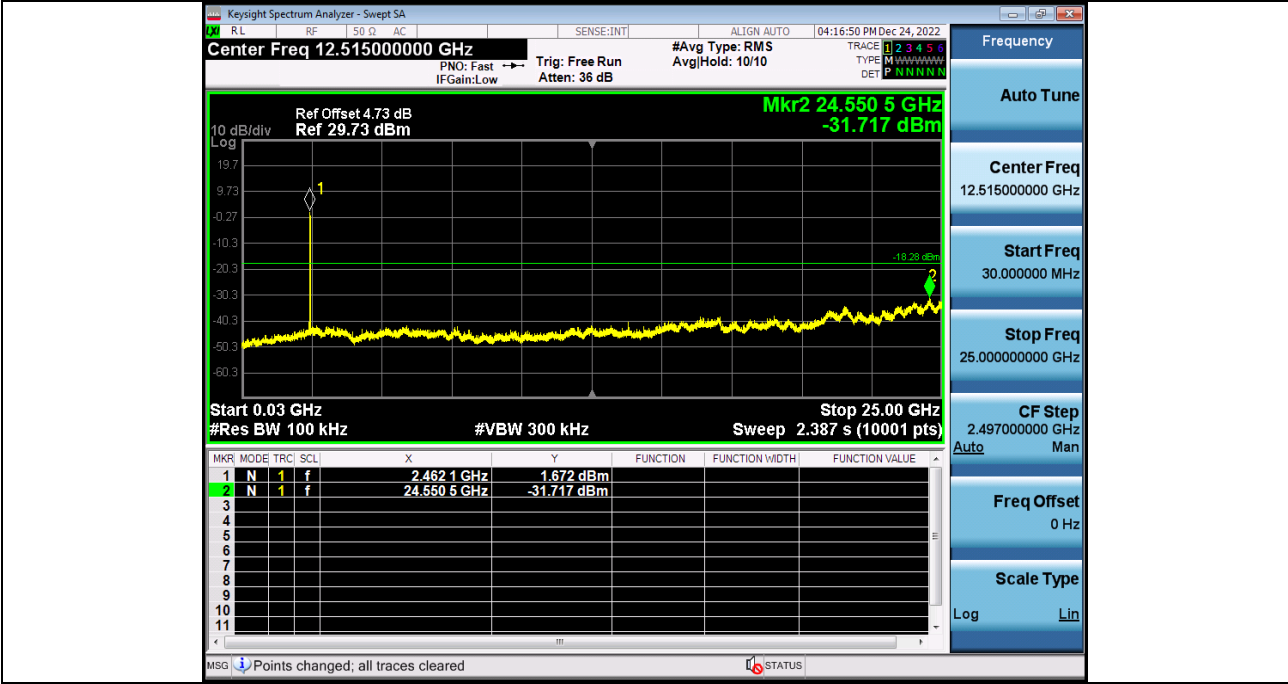
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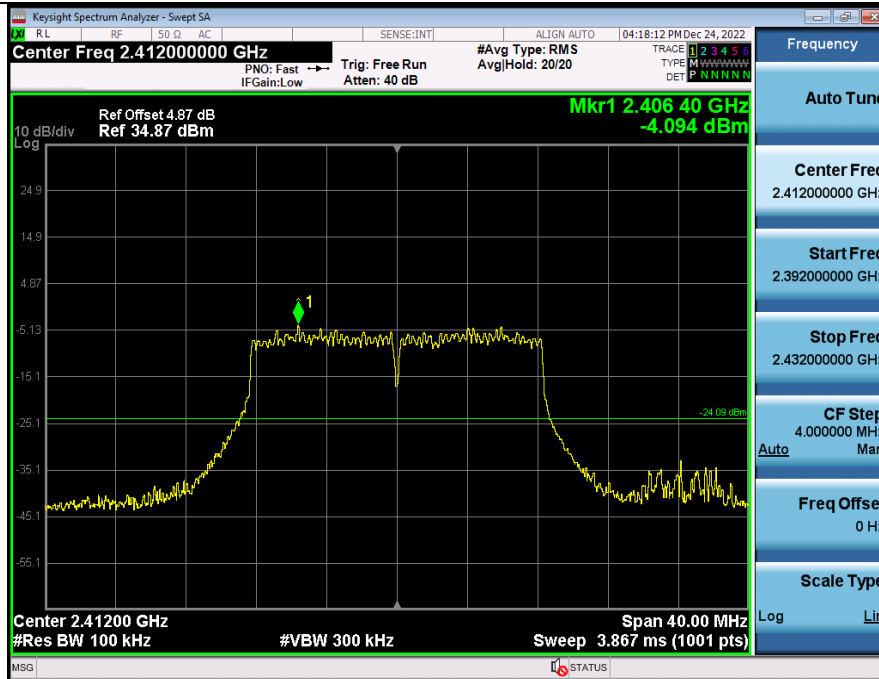
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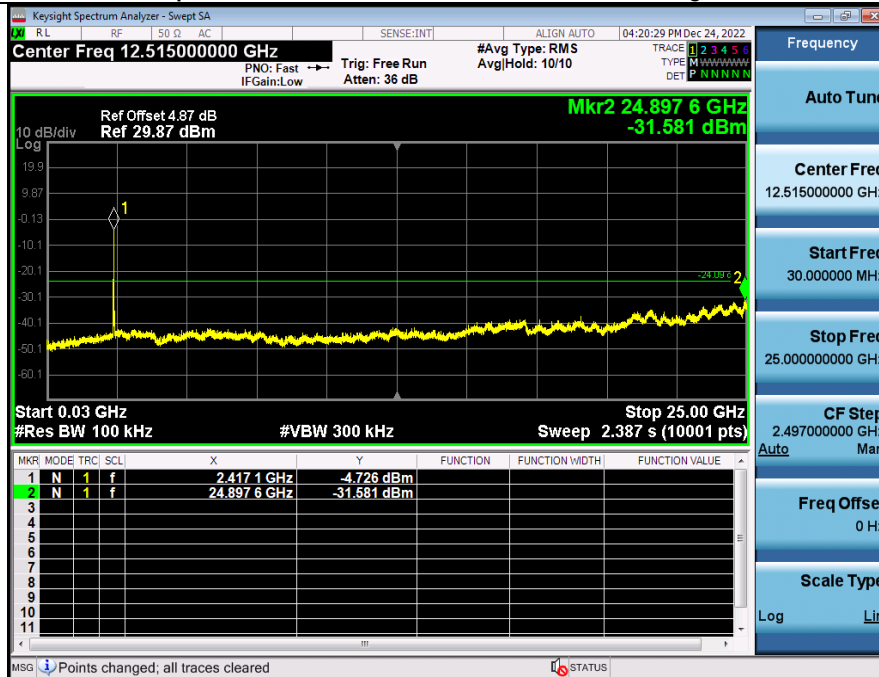
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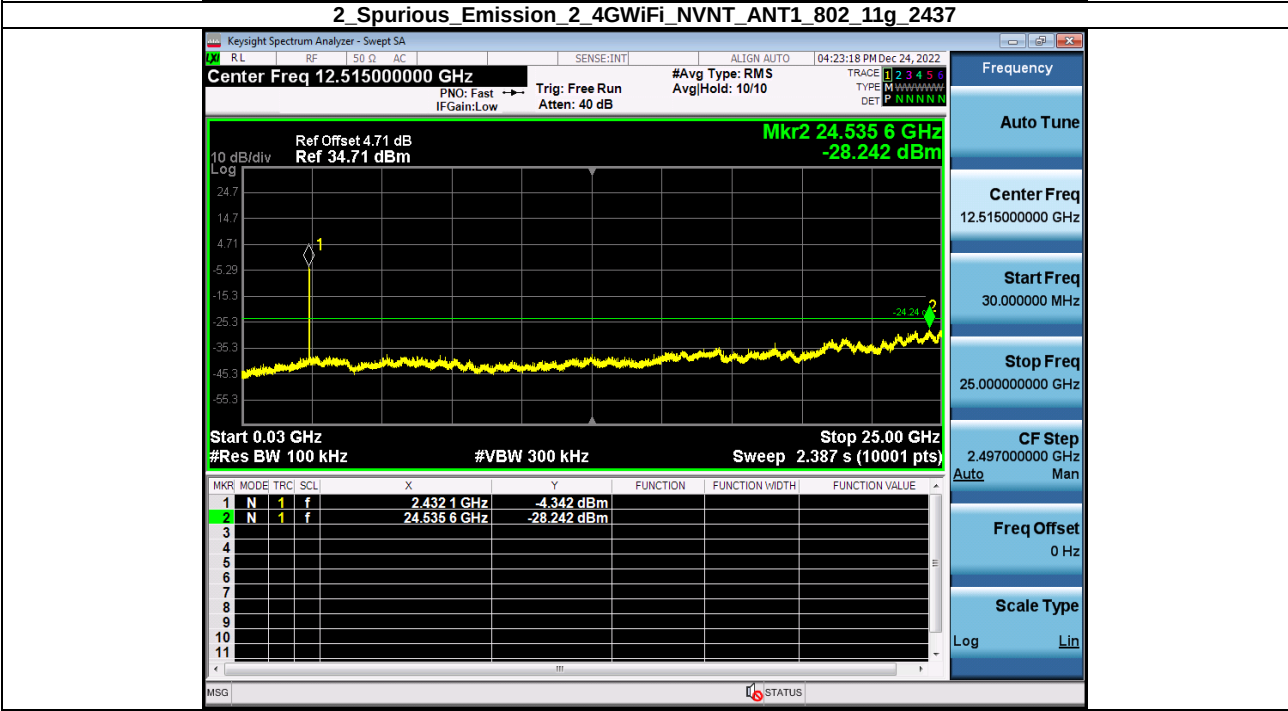
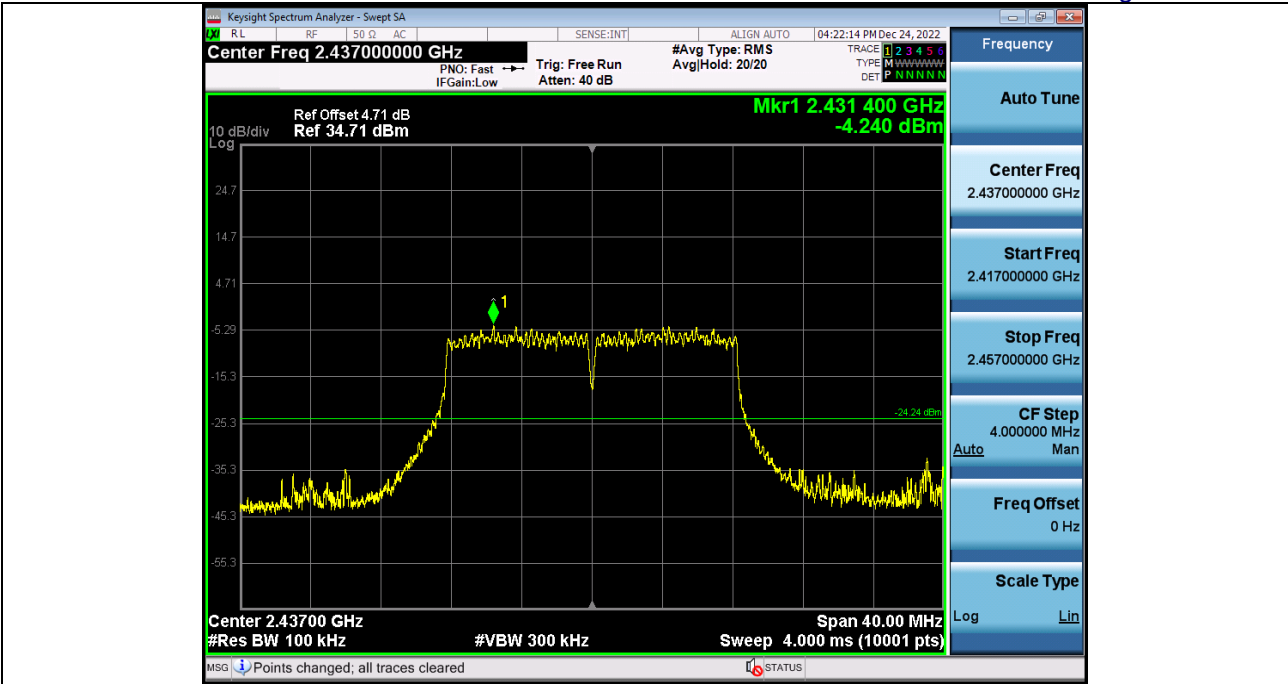
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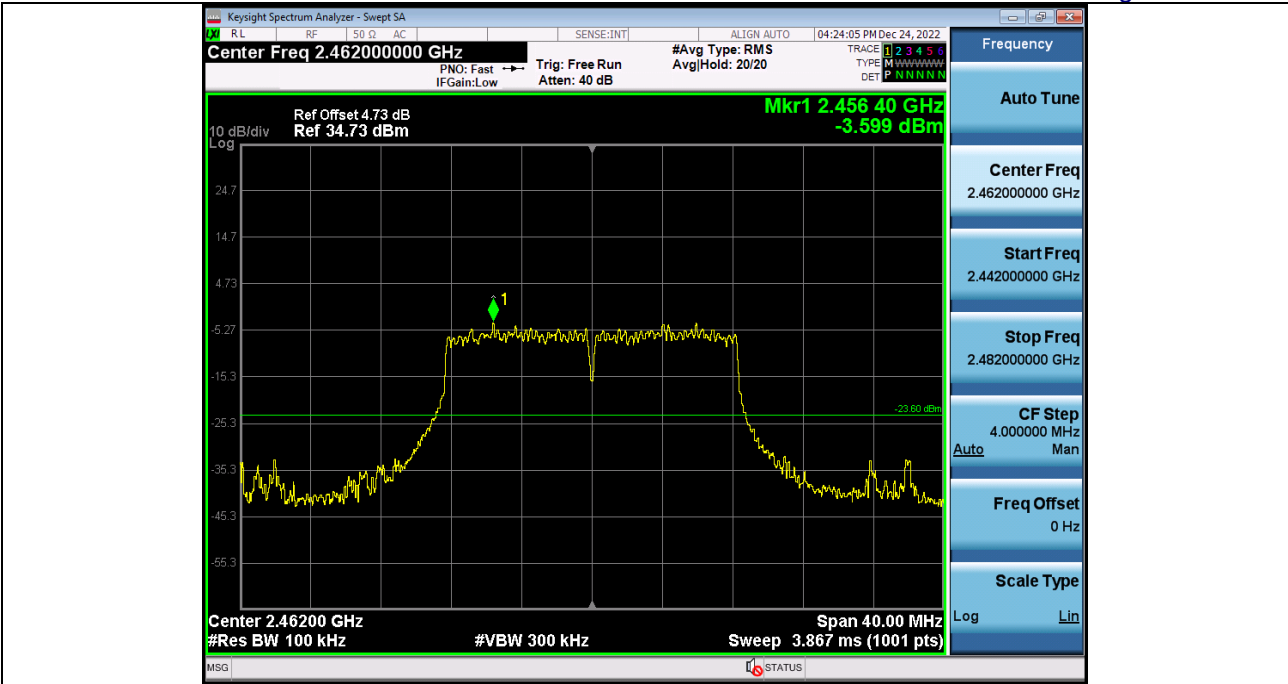
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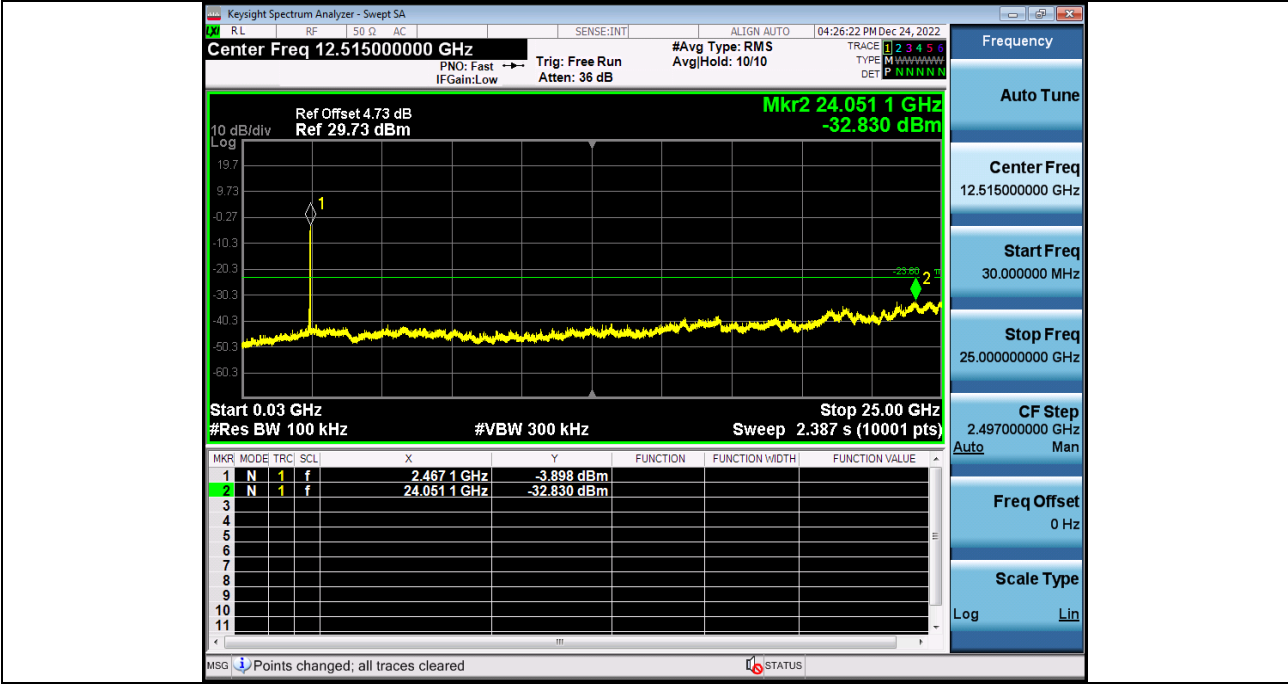
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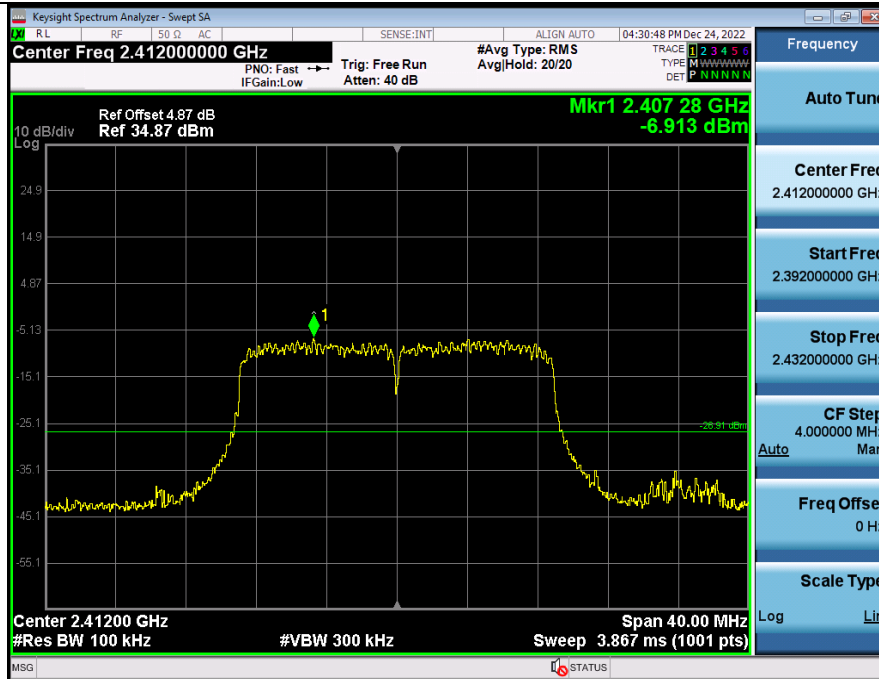
1 Reference_Level_2_4GWiFi_802_11g_2462



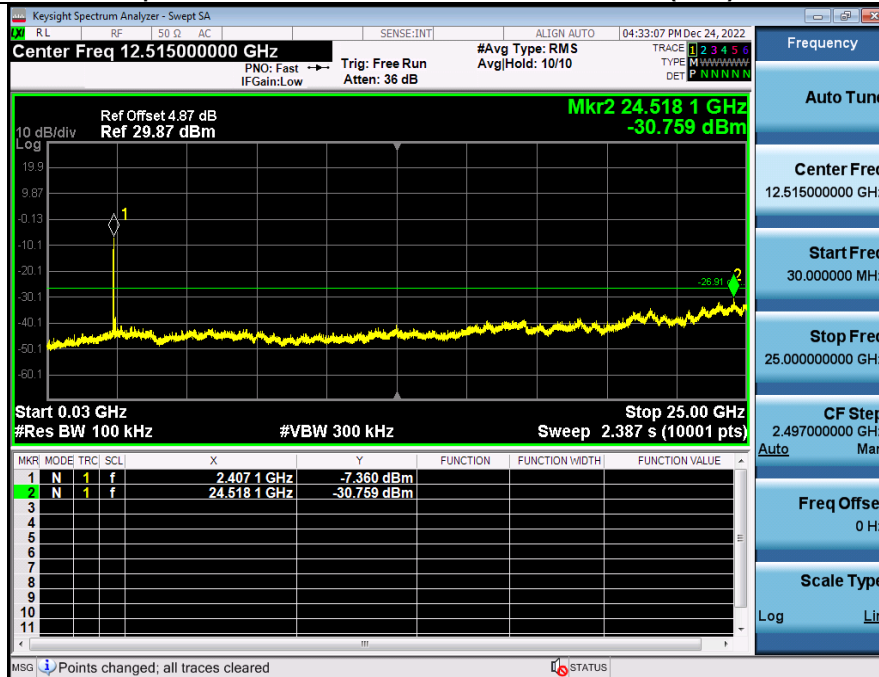
2_Spurious_Emission_2_4GWiFi_NVNT_ANT1_802_11g_2462



1_Reference_Level_2_4GWiFi_802_11n(HT20)_2412



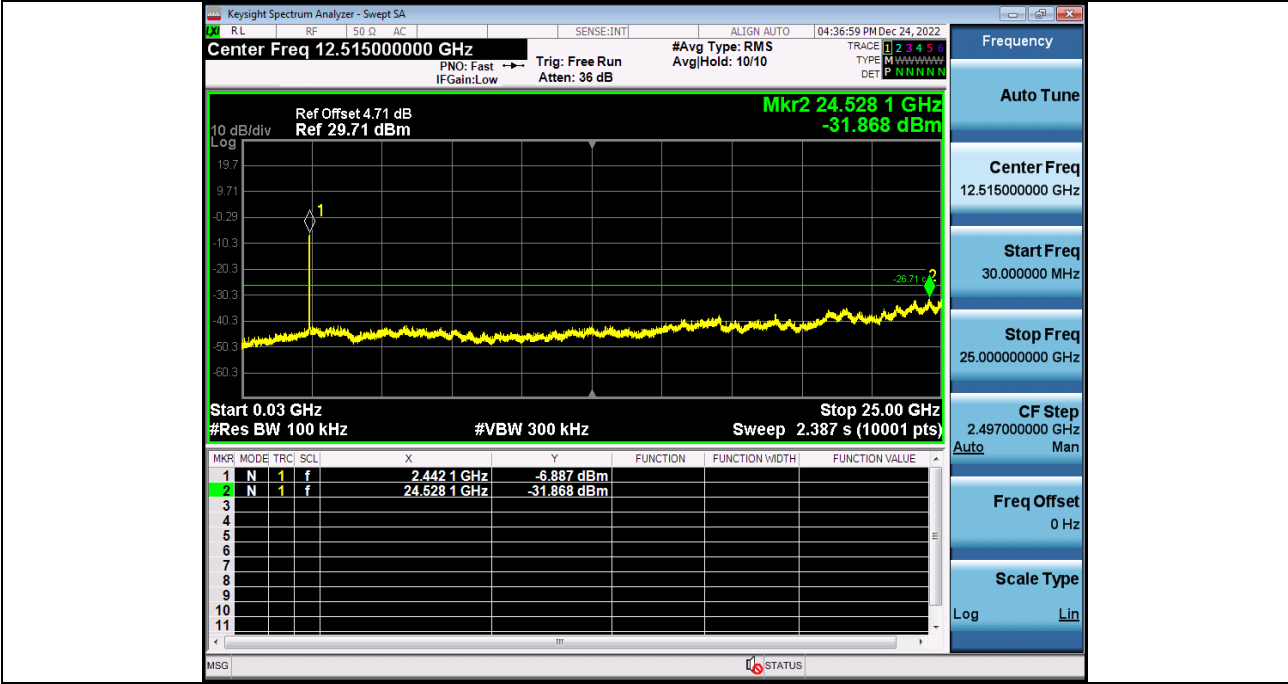
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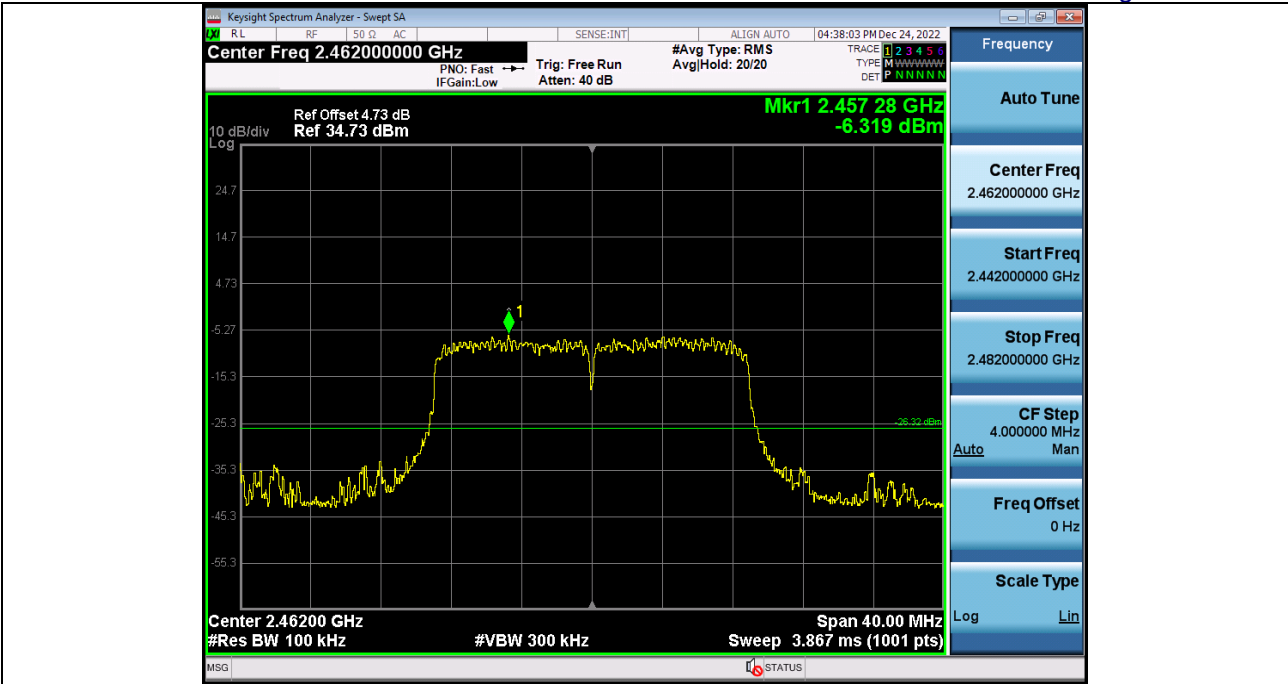
1_Reference_Level_2_4GWiFi_802_11n(HT20)_2437



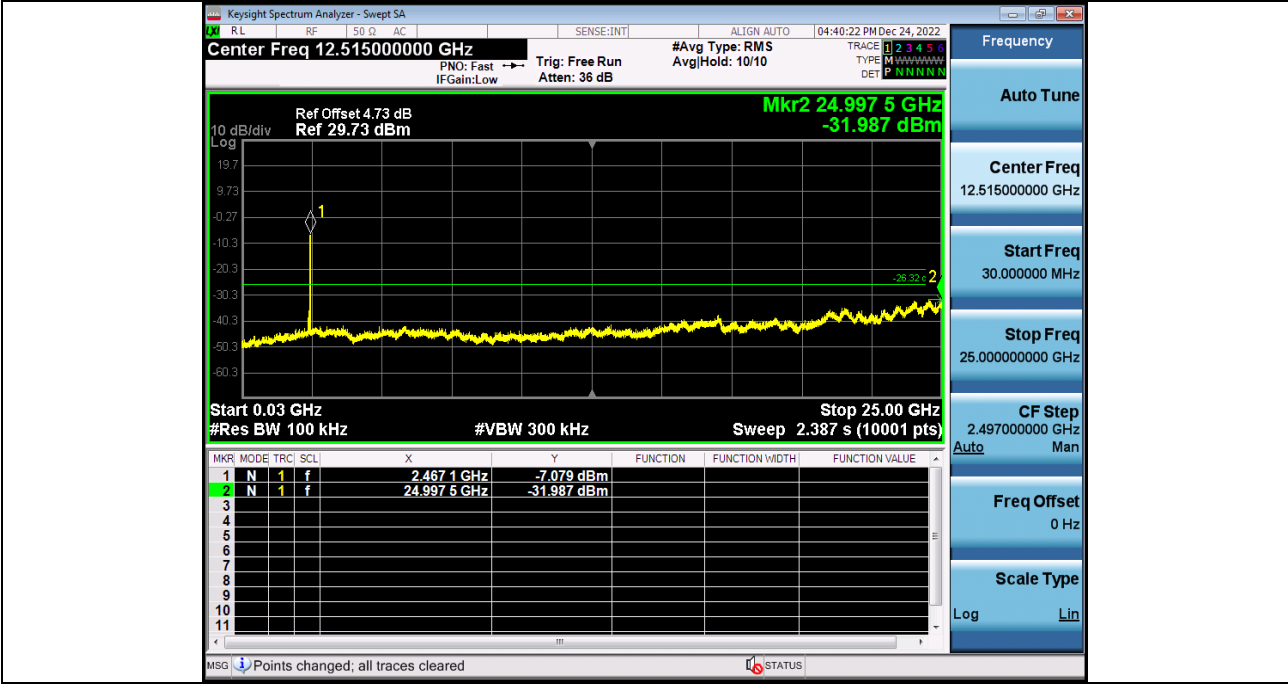
2_Spurious_Emission_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2437



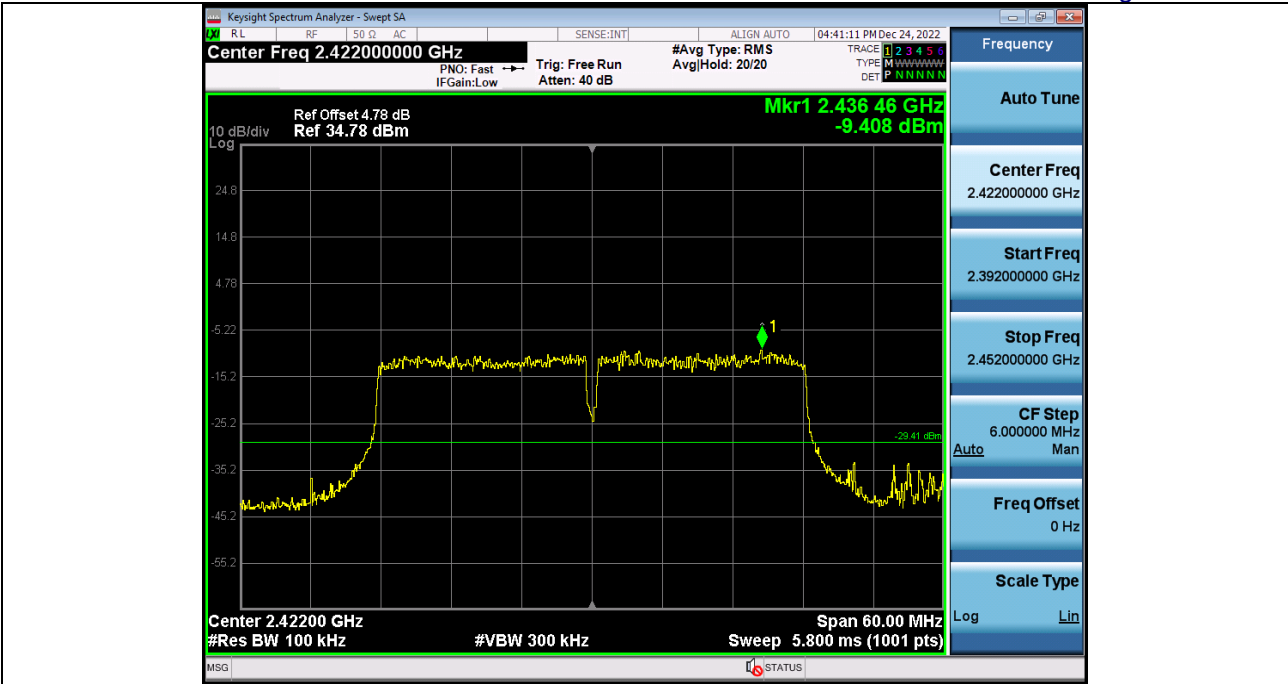
1_Reference_Level_2_4GWiFi_802_11n(HT20)_2462



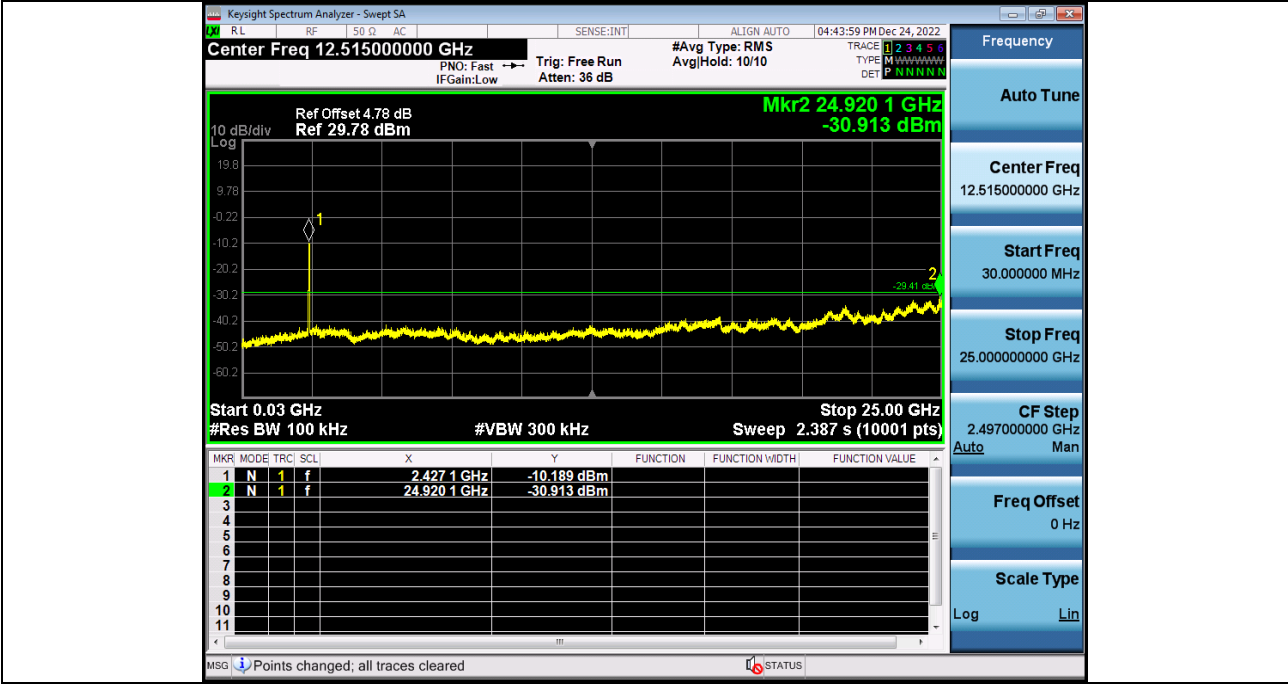
2_Spurious_Emission_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2462



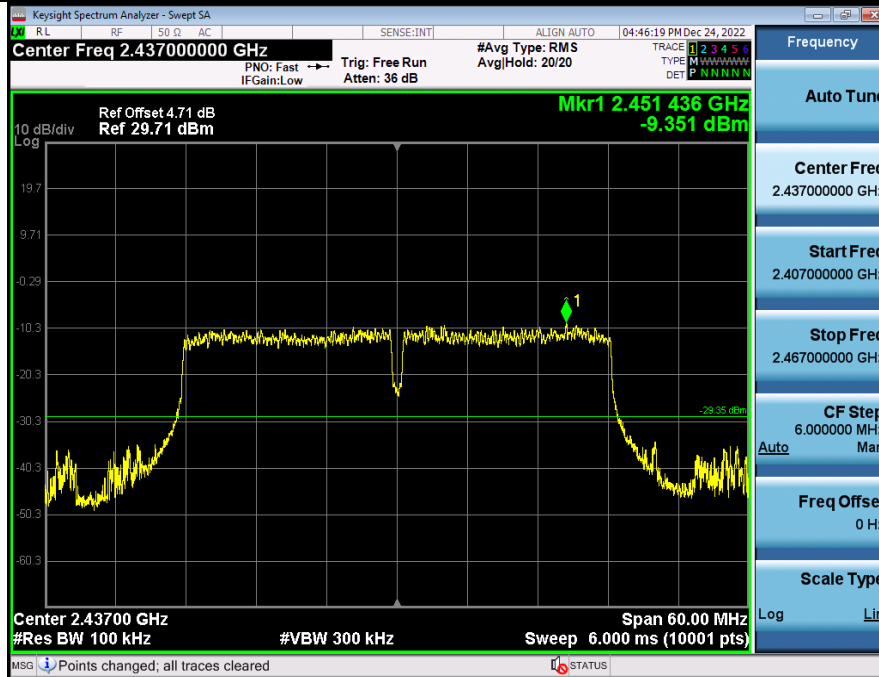
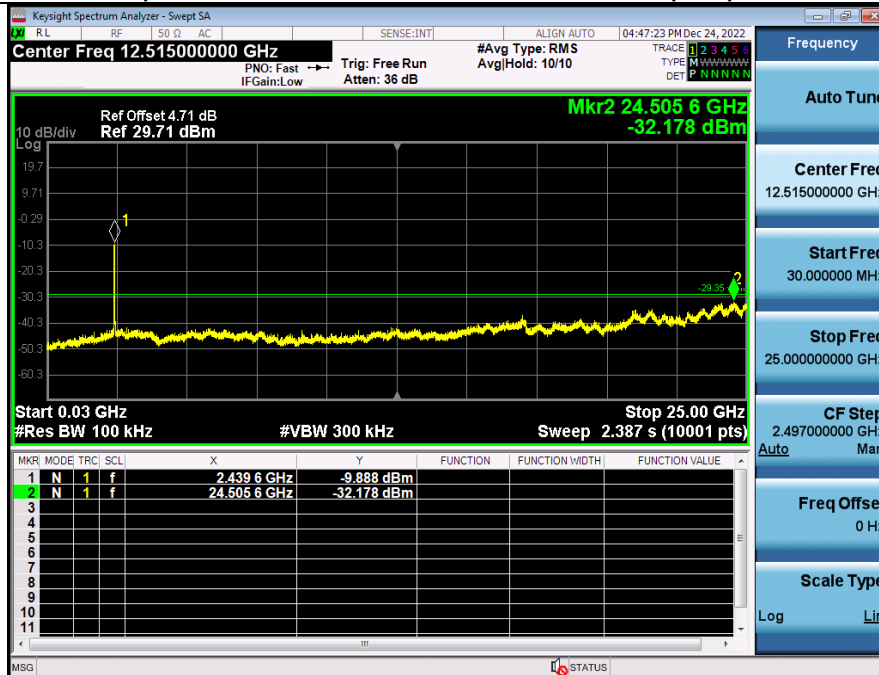
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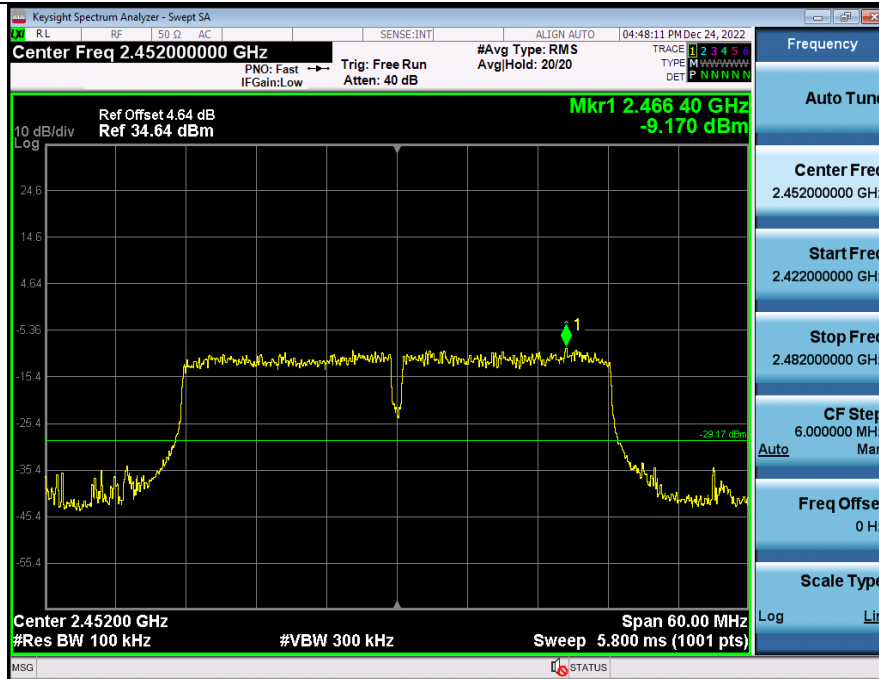


2_Spurious_Emission_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2422

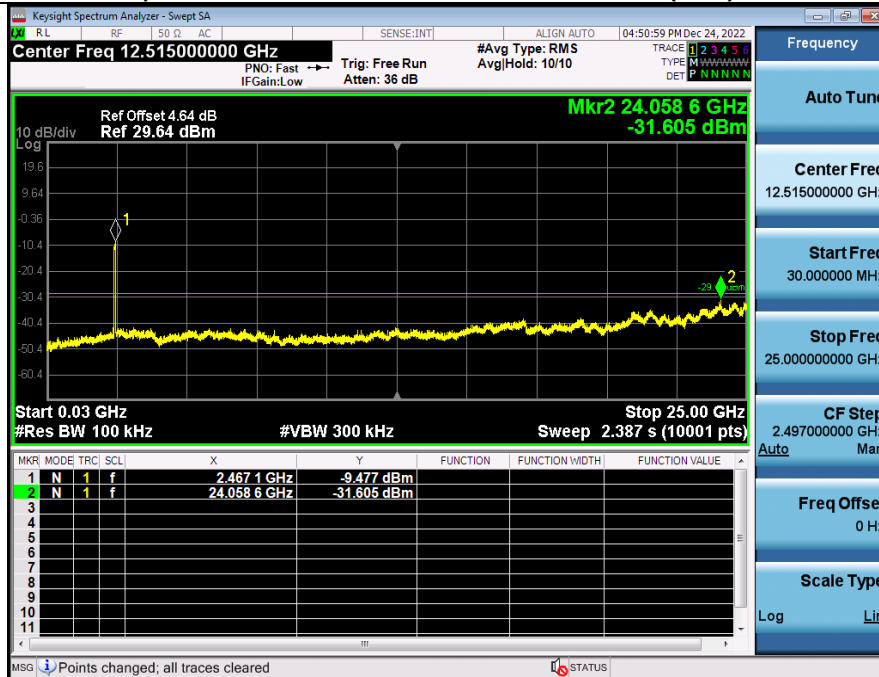


1_Reference_Level_2_4GWiFi_802_11n(HT40)_2437

**2_Spurious_Emission_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2437****1_Reference_Level_2_4GWiFi_802_11n(HT40)_2452**



2_Spurious_Emission_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2452



12. TEST SETUP PHOTO

Reference to the Test setup file for details.

13. EUT CONSTRUCTIONAL DETAILS

Reference to the external photos file and internal photos file for details.

******* END OF REPORT *******