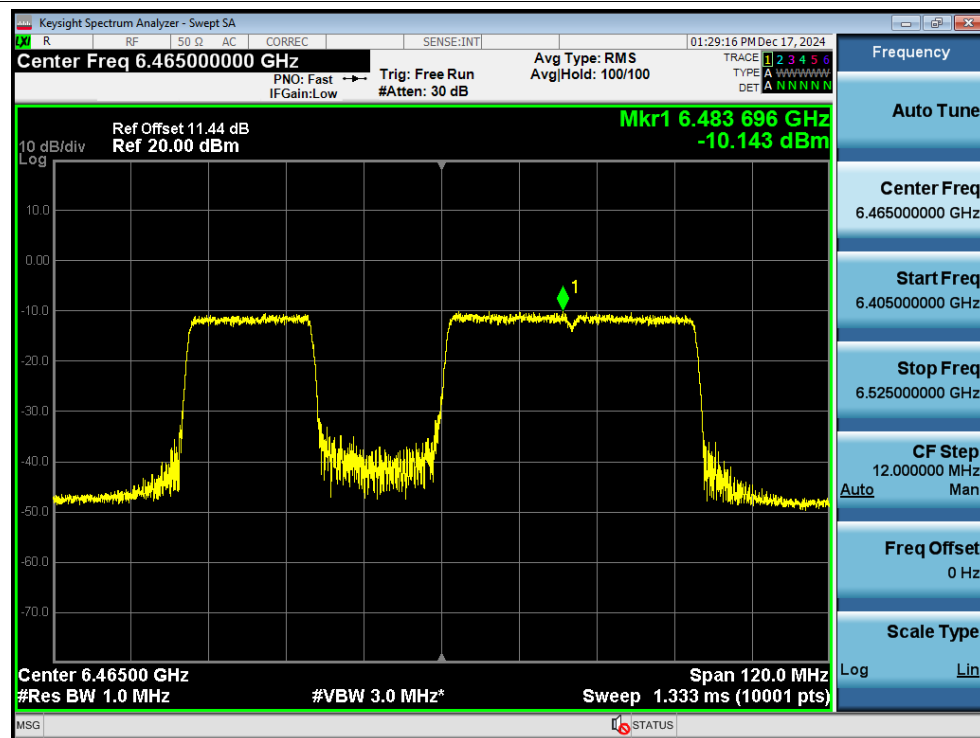
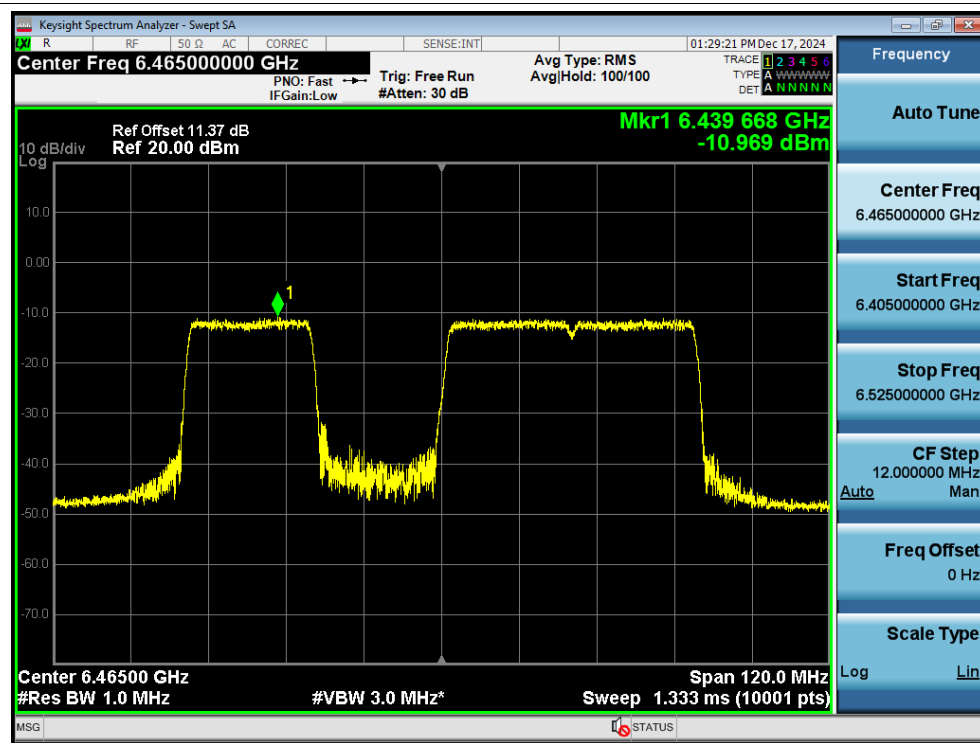


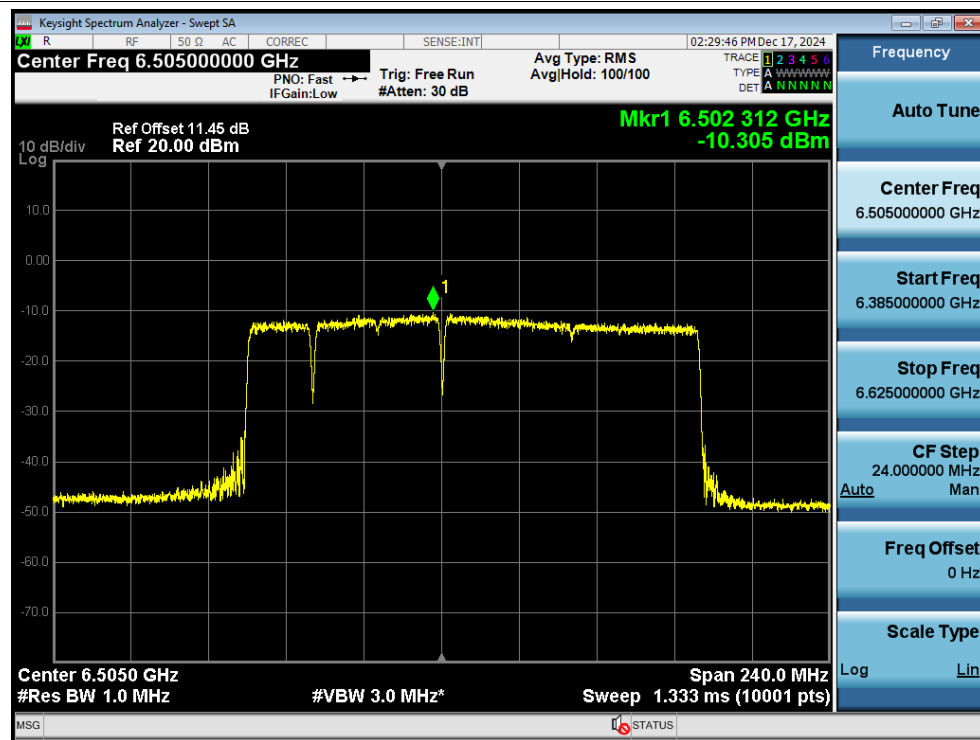
PSD 802.11be EHT(80-20) 242+484 Tone INDEX 2 6465MHz Ant1



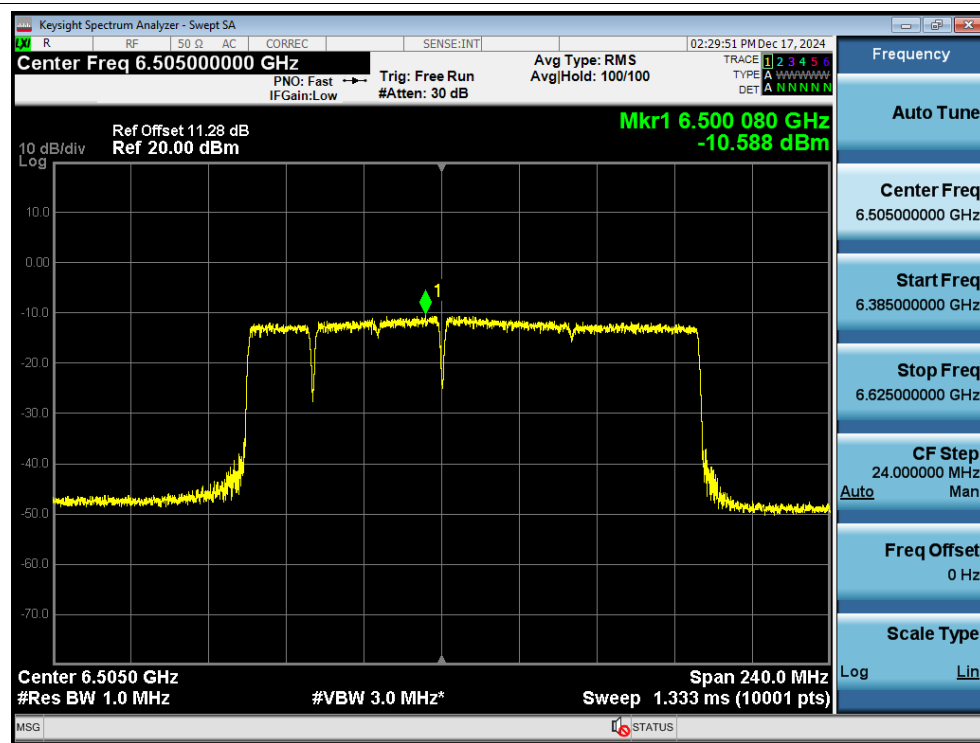
PSD 802.11be EHT(80-20) 242+484 Tone INDEX 2 6465MHz Ant2



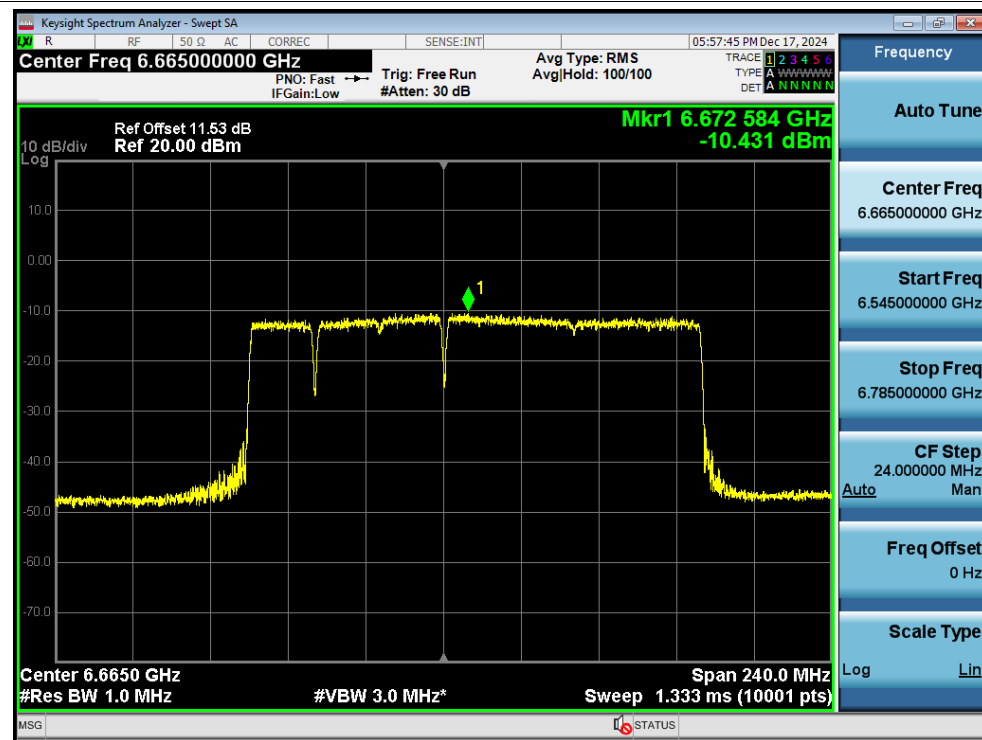
PSD 802.11be EHT(160-20)242+484+996 Tone INDEX 1 6505MHz Ant1



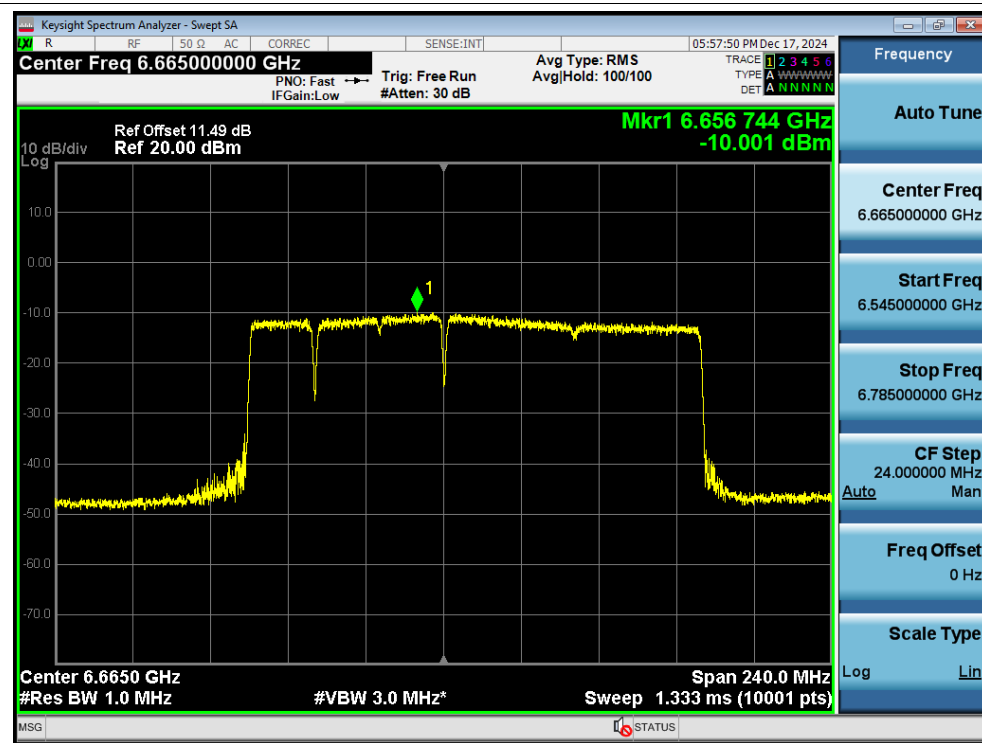
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PSD 802.11be EHT(160-20)242+484+996 Tone INDEX 1 6665MHz Ant1



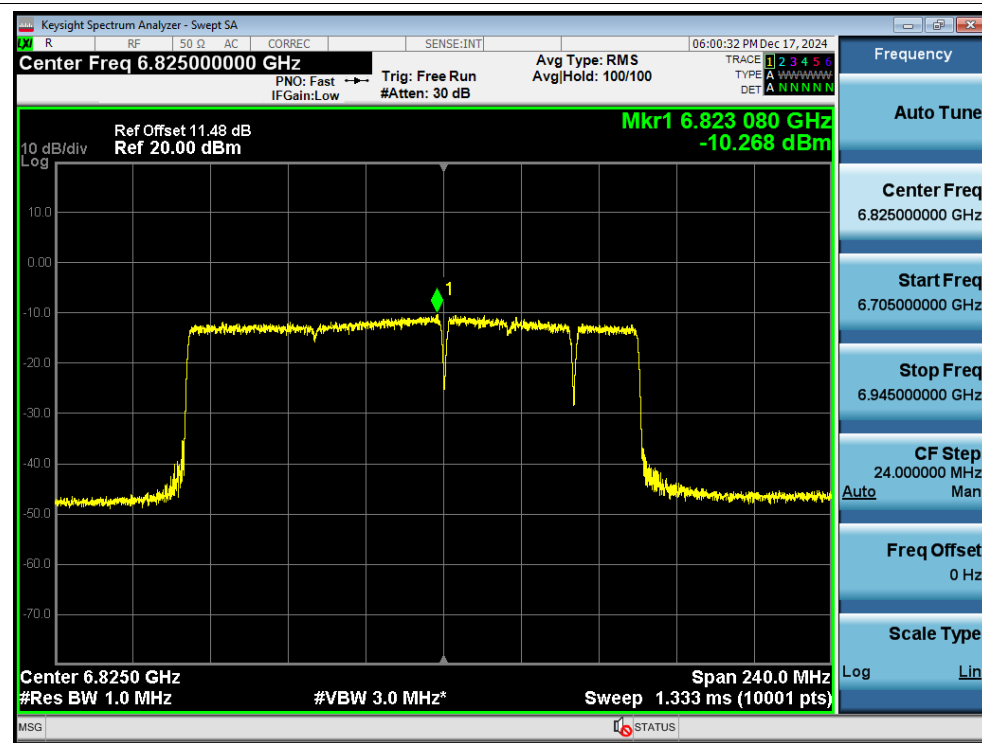
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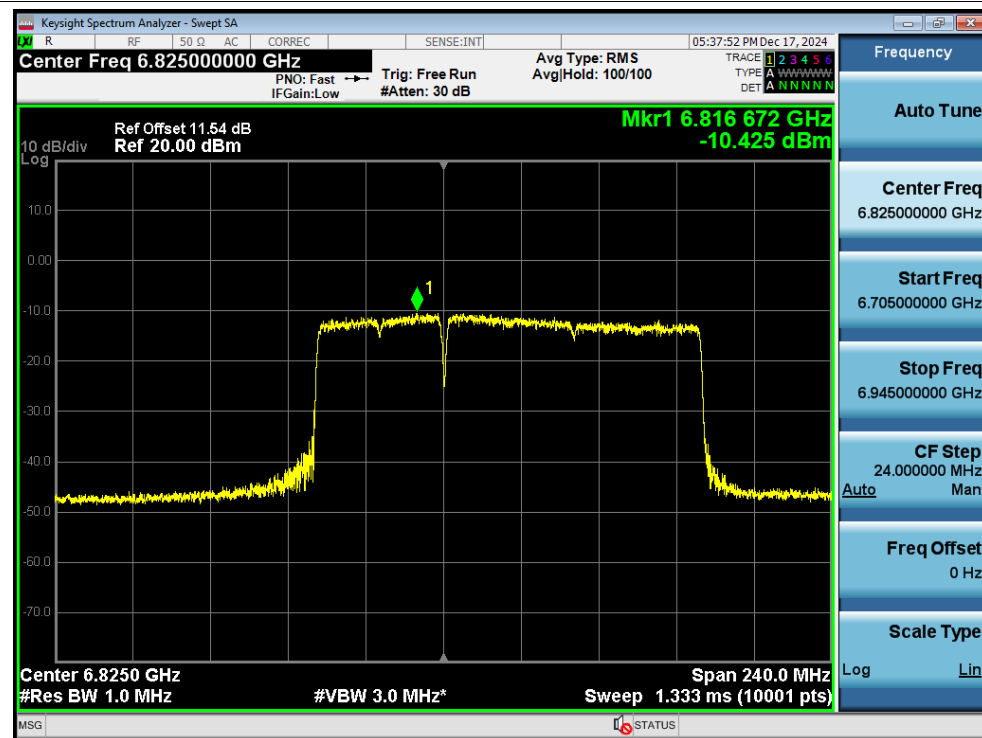
PSD 802.11be EHT(160-20)242+484+996 Tone INDEX 8 6825MHz Ant1



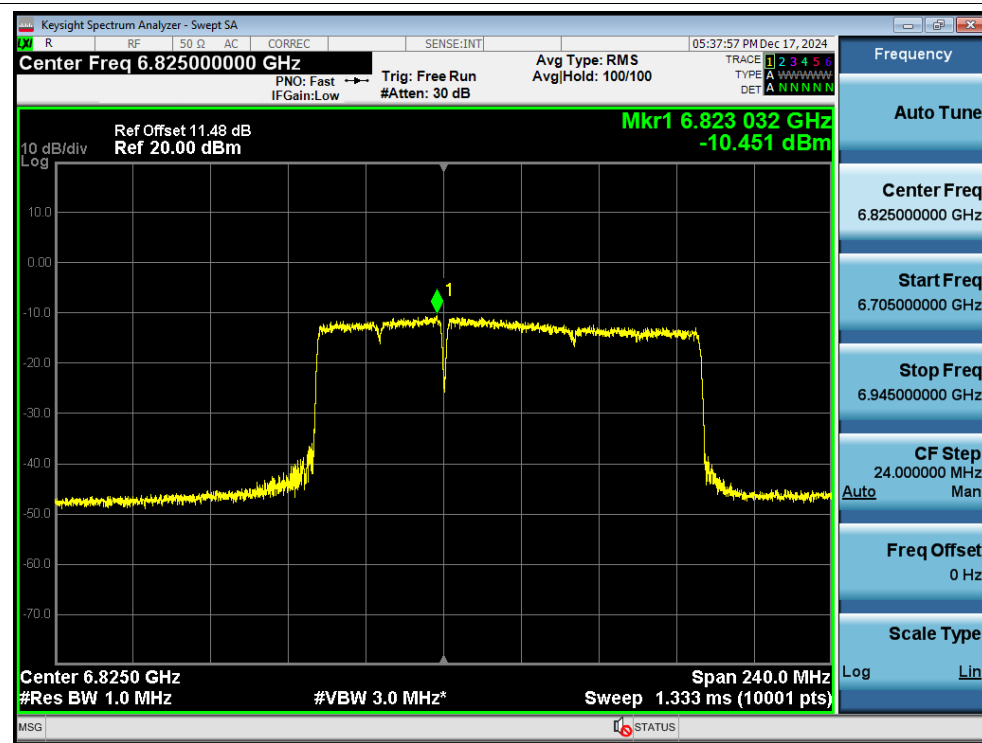
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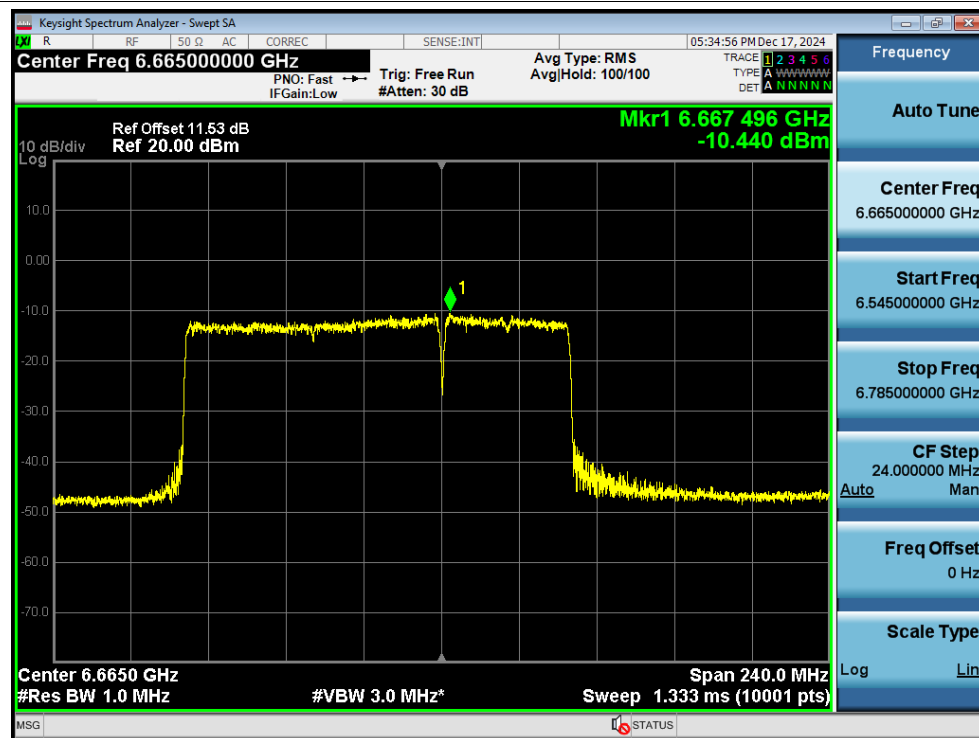
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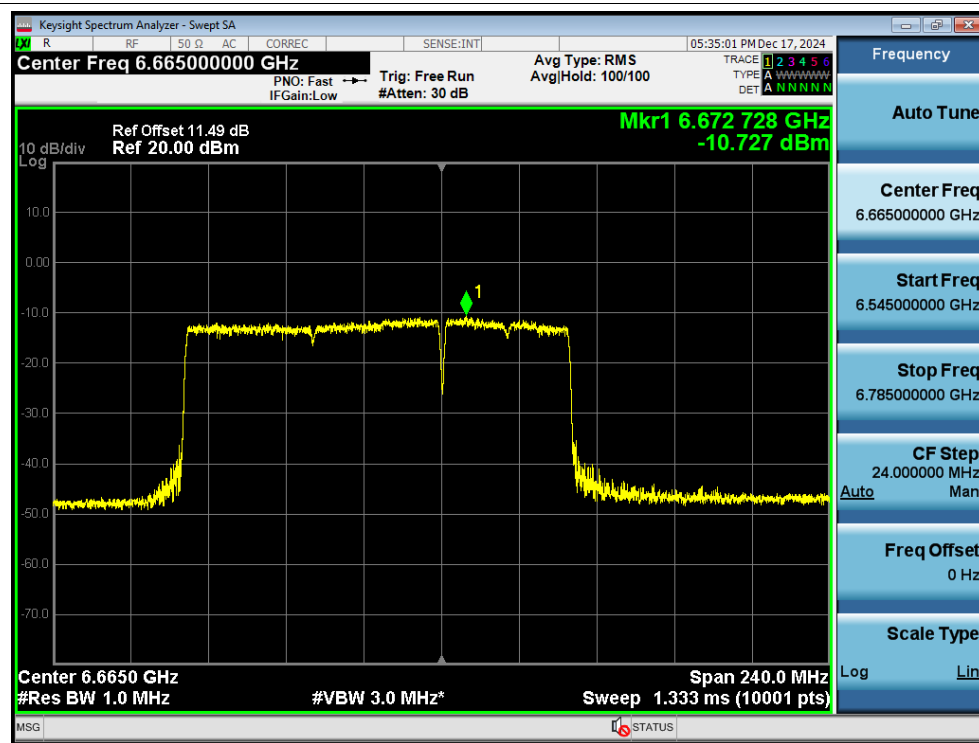
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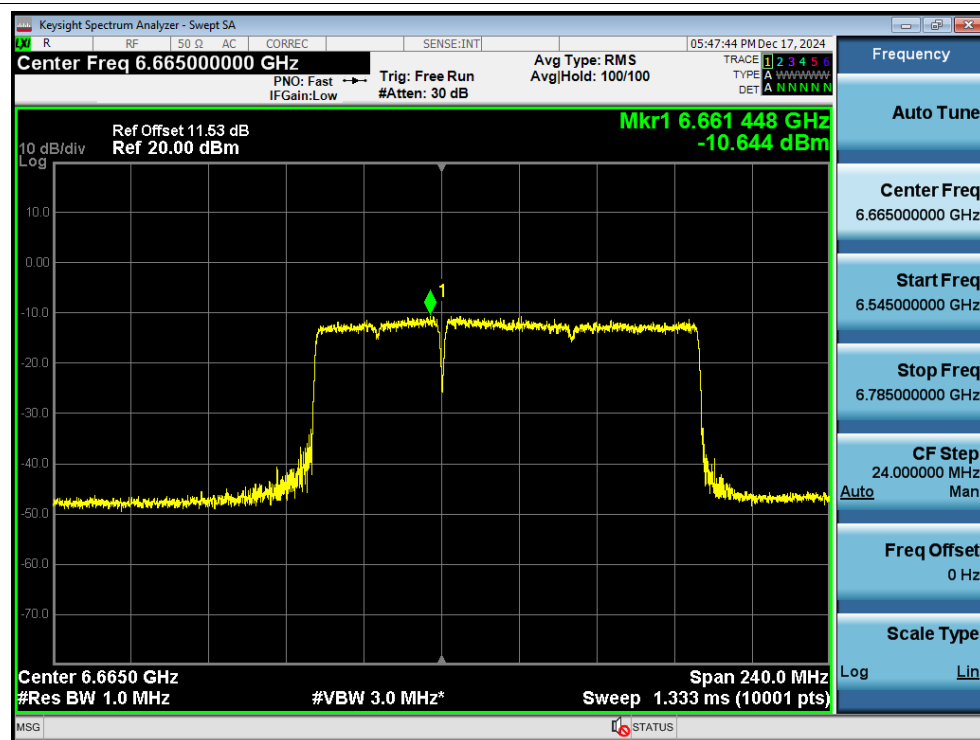
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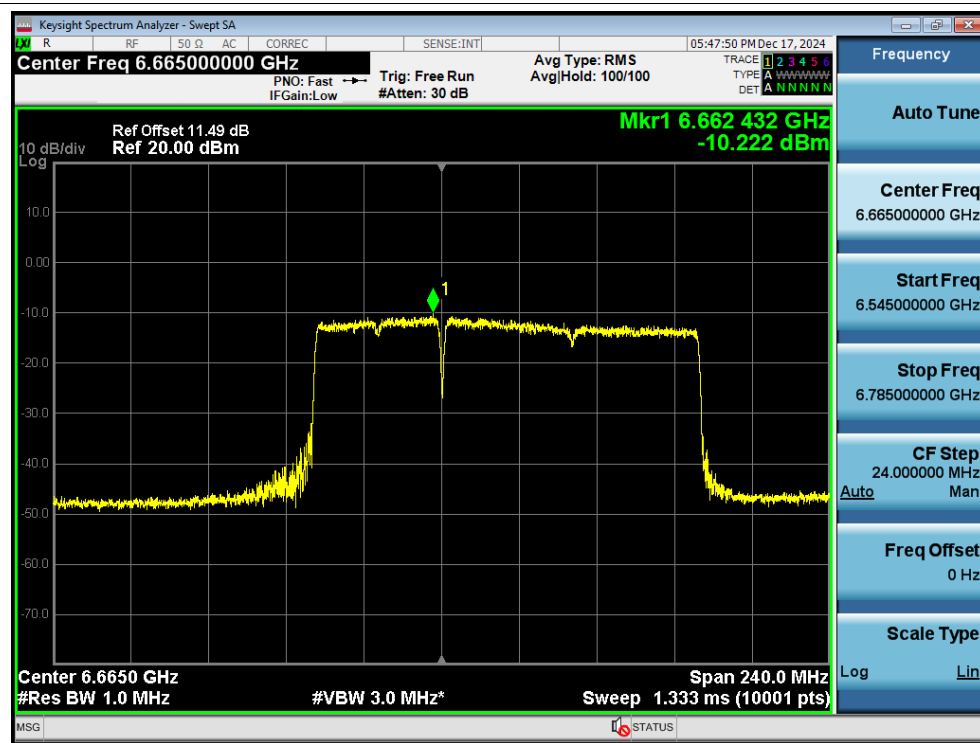
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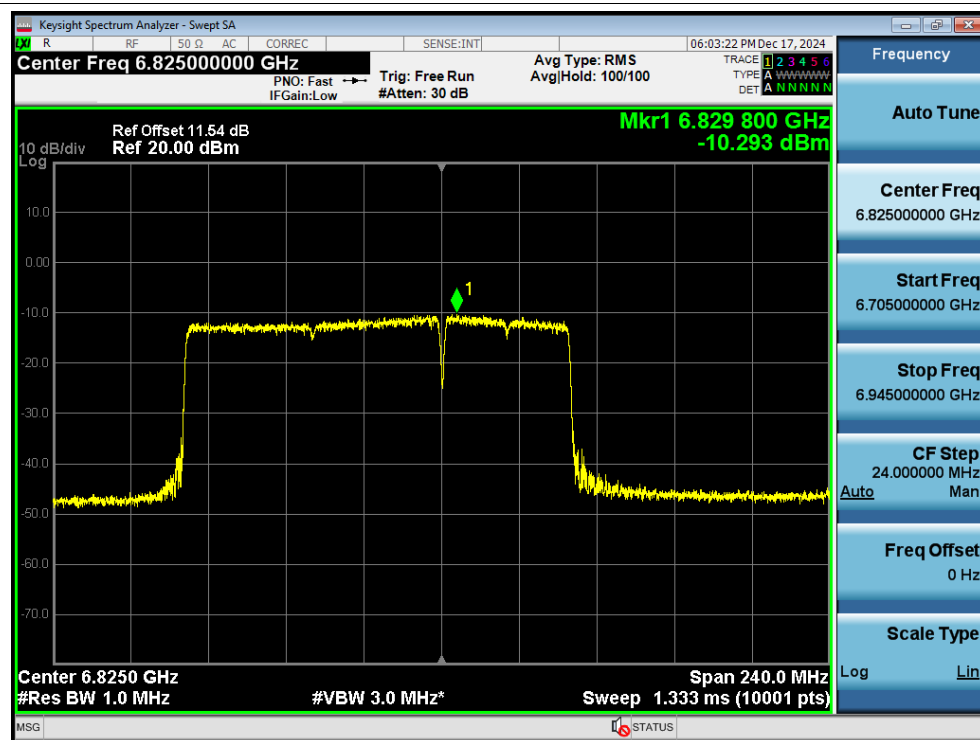
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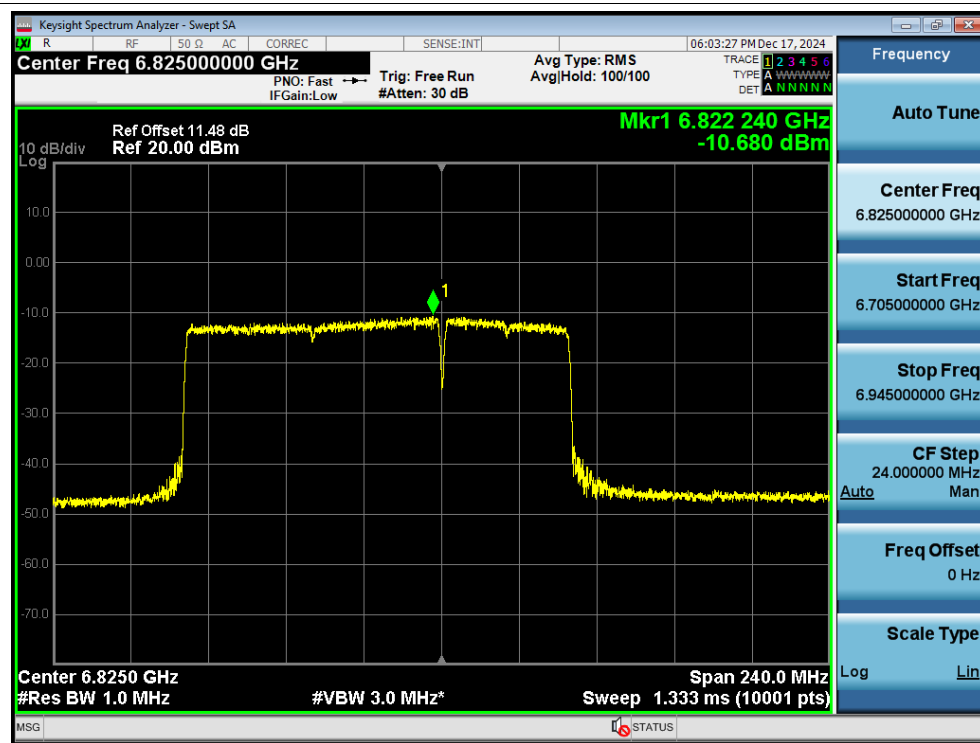
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PSD 802.11be EHT(160-40)484+996 Tone INDEX 4 6825MHz Ant1



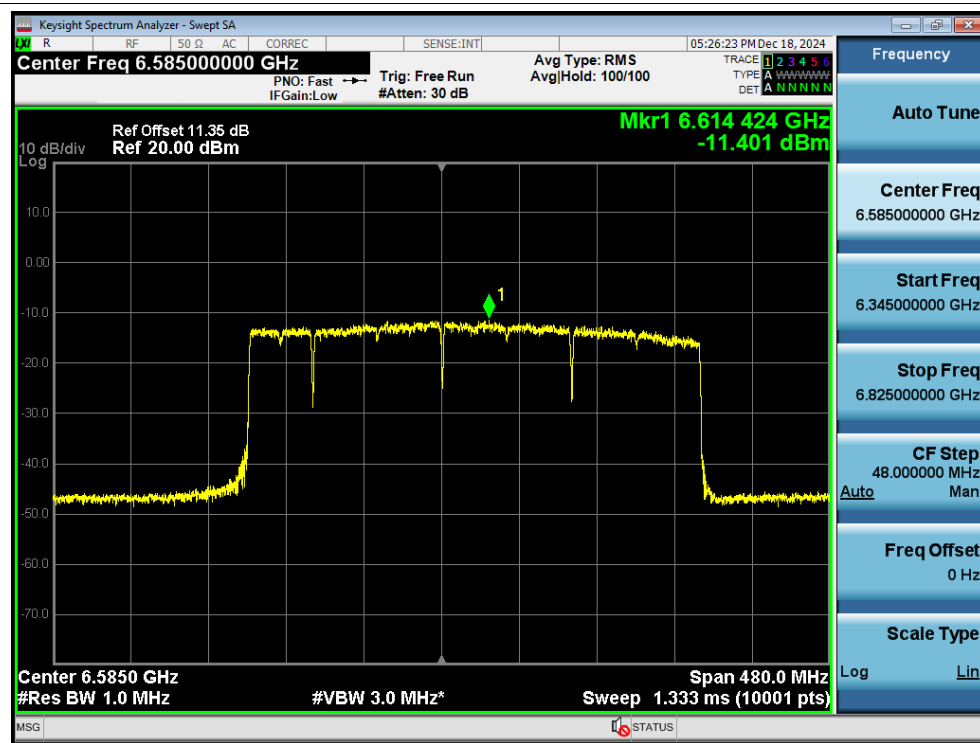
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PSD 802.11be EHT320 484+996+996+996-Tones HIGH 6585MHz Ant1



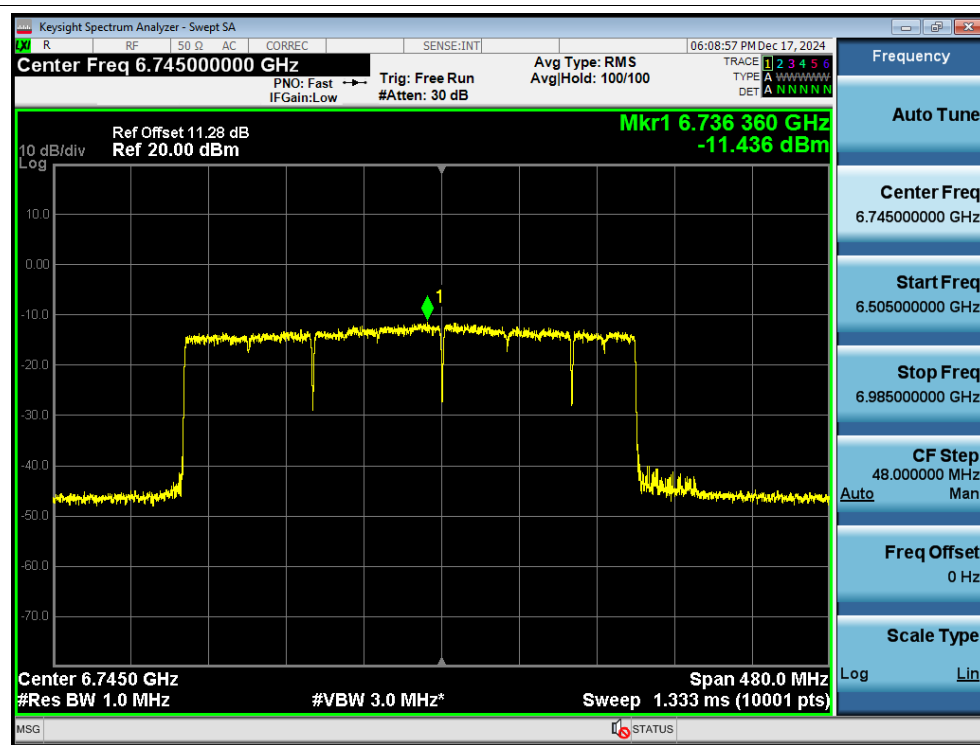
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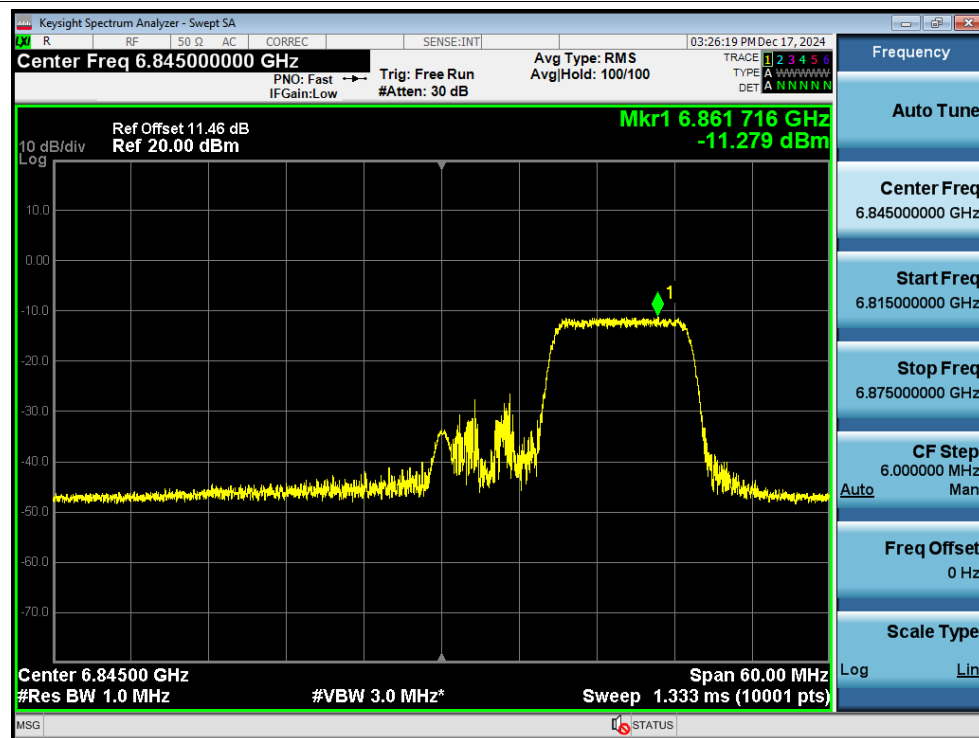
PSD 802.11be EHT320 996+996+996+484-Tones LOW 6745MHz Ant1



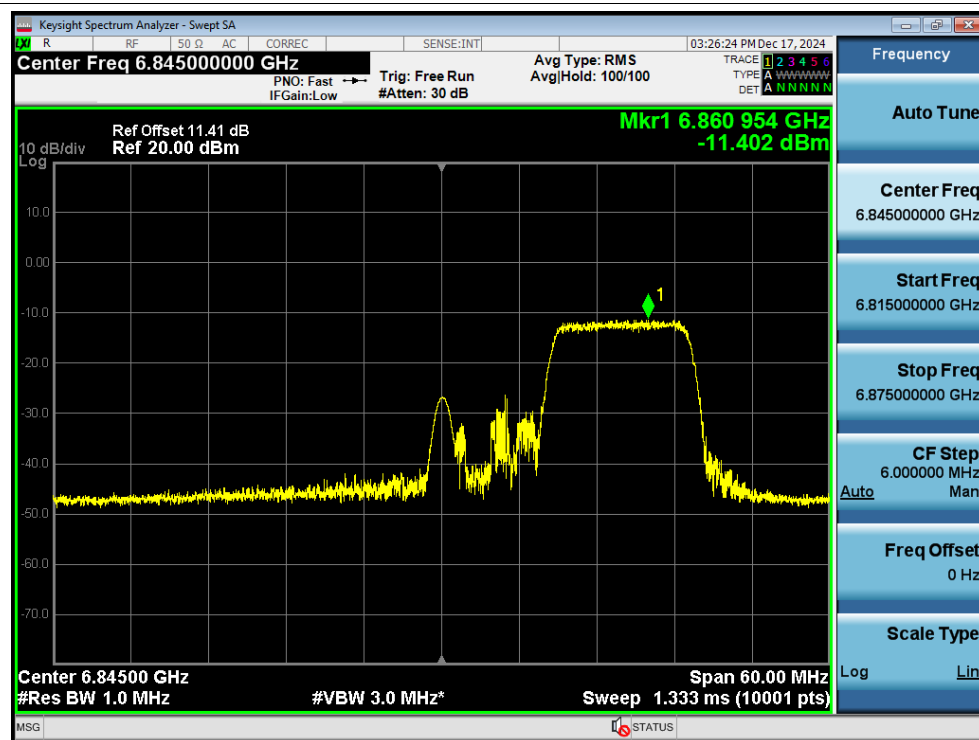
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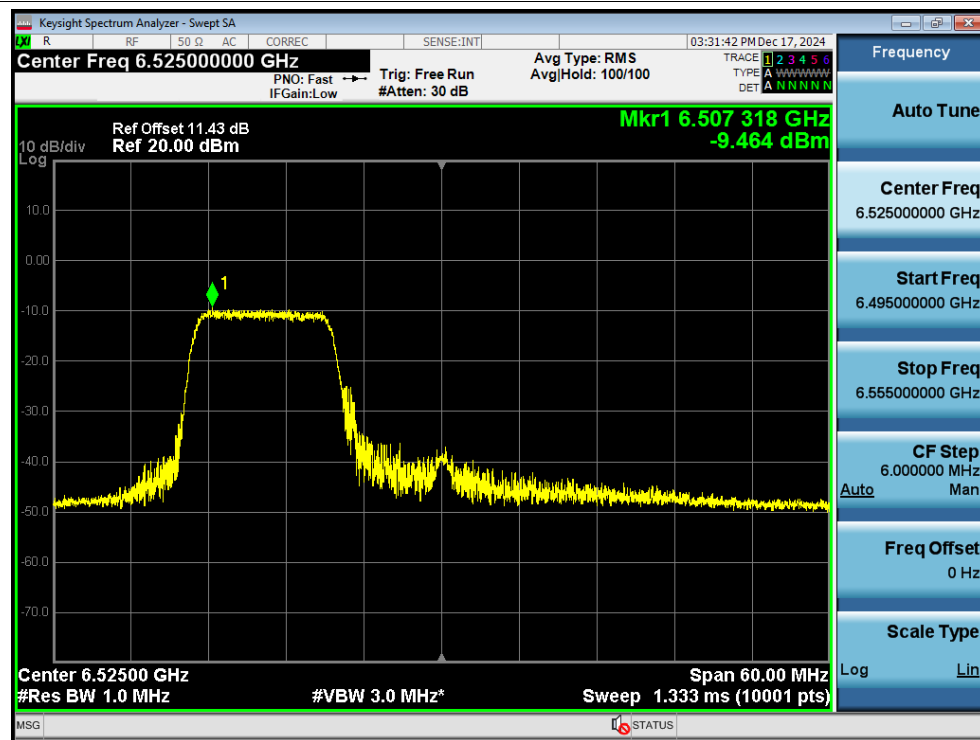
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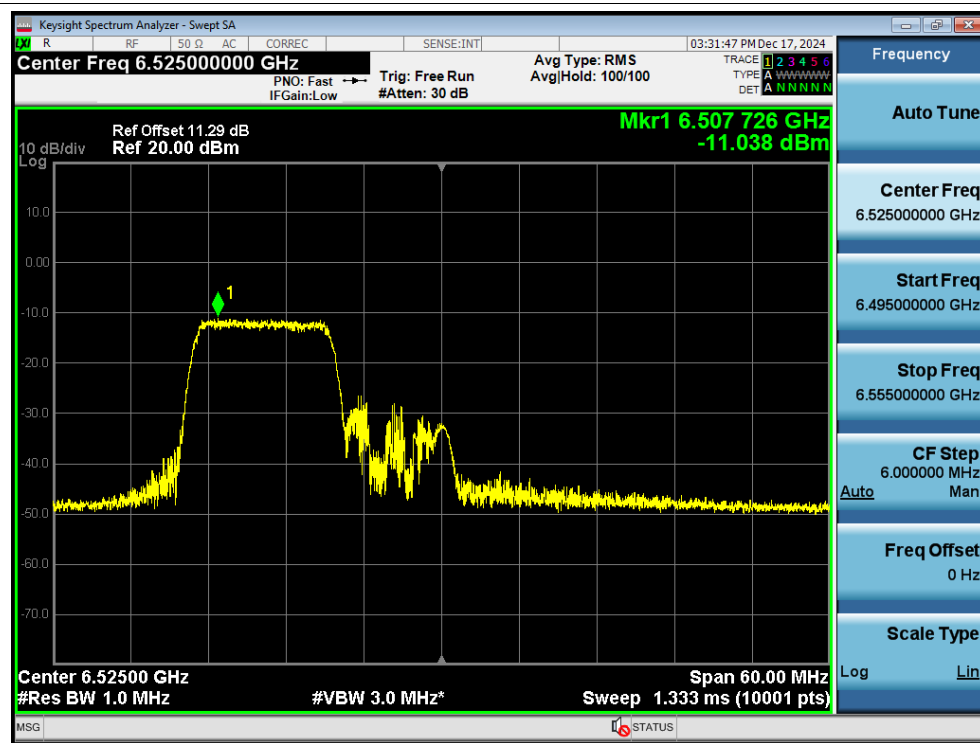
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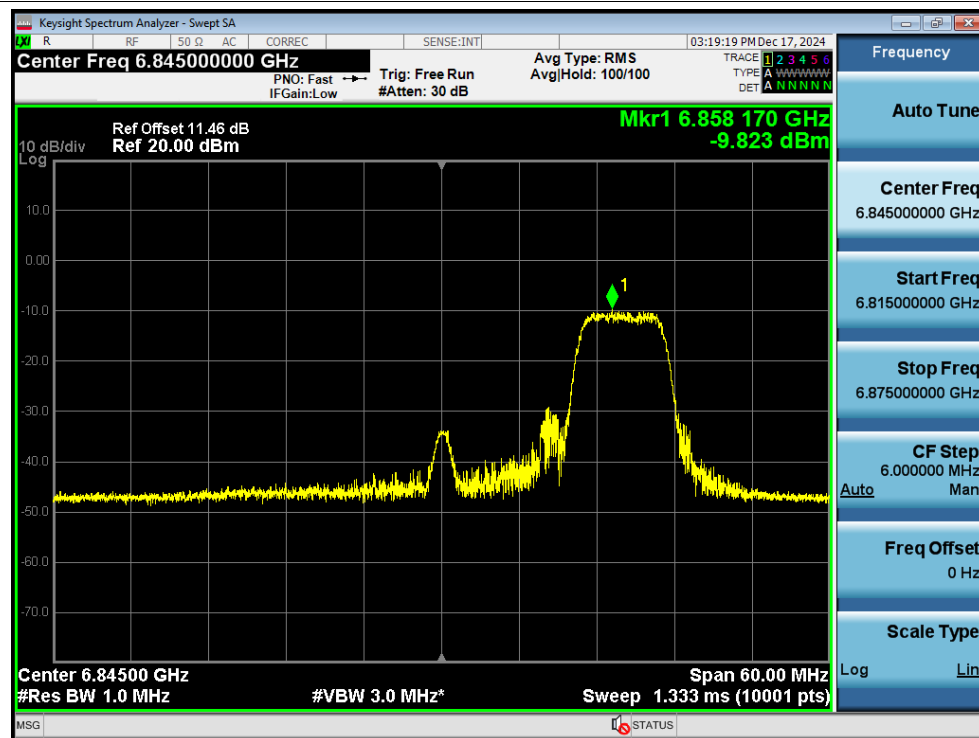
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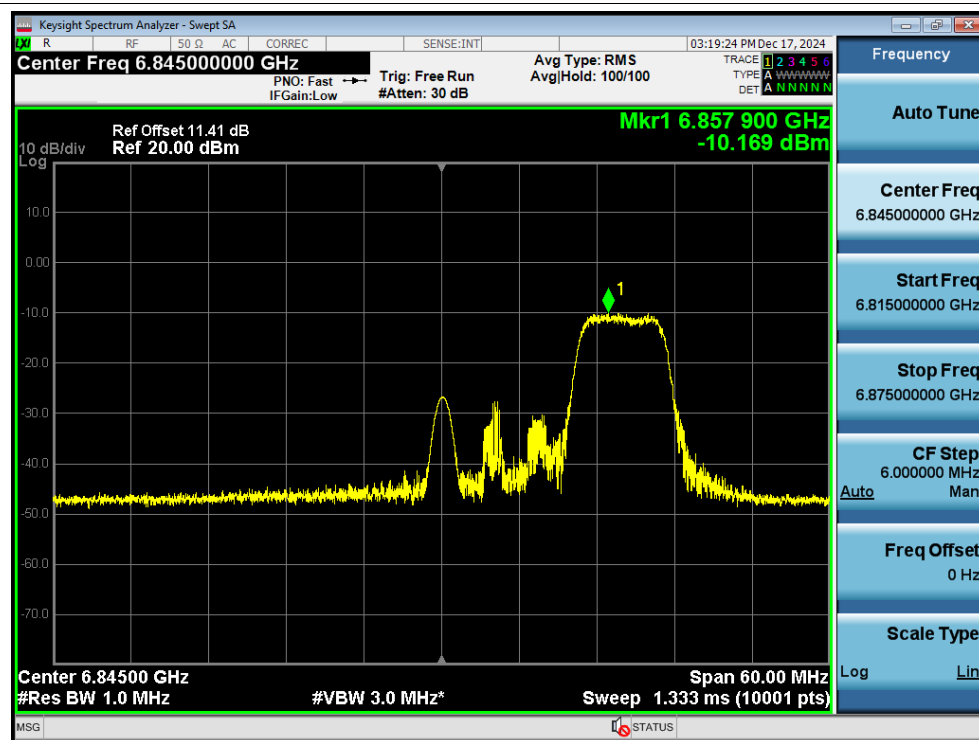
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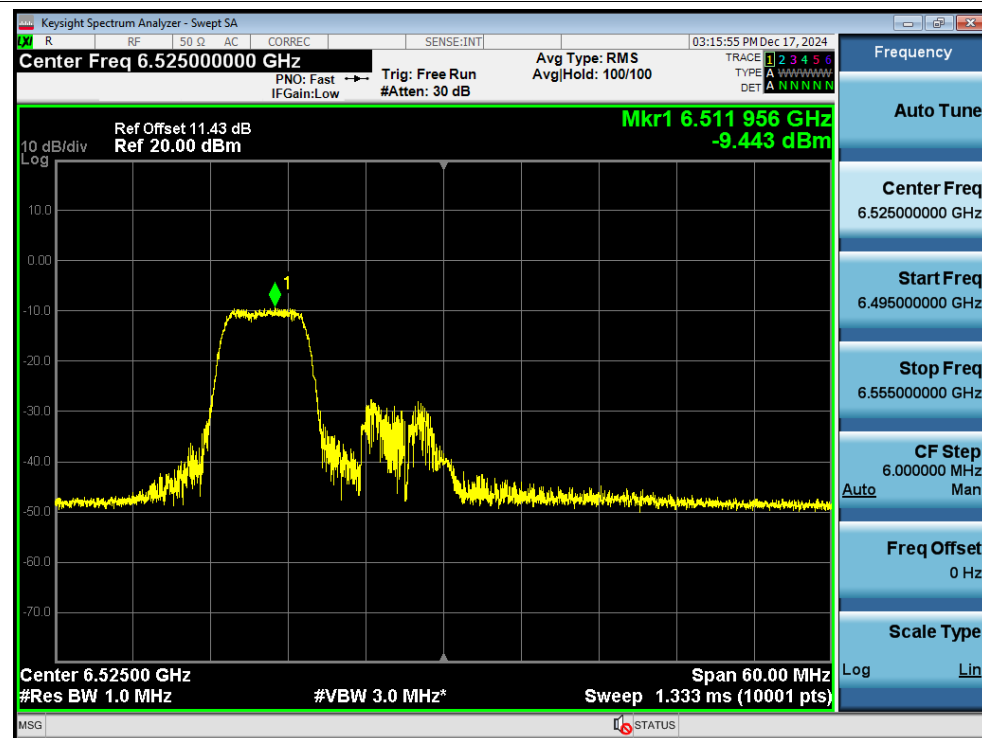
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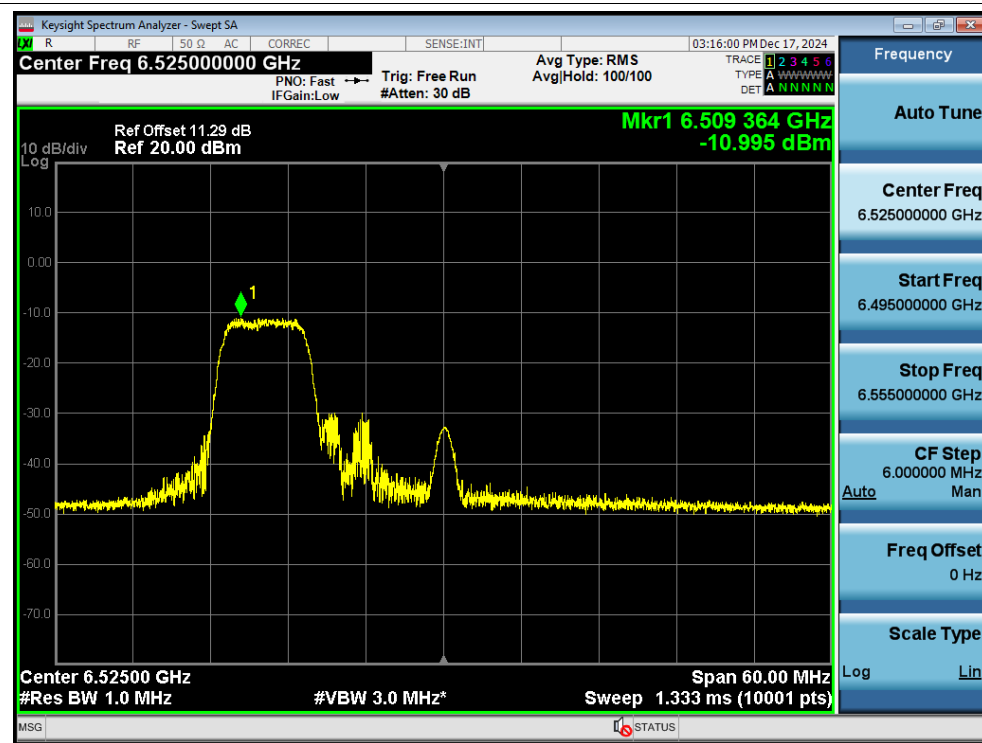
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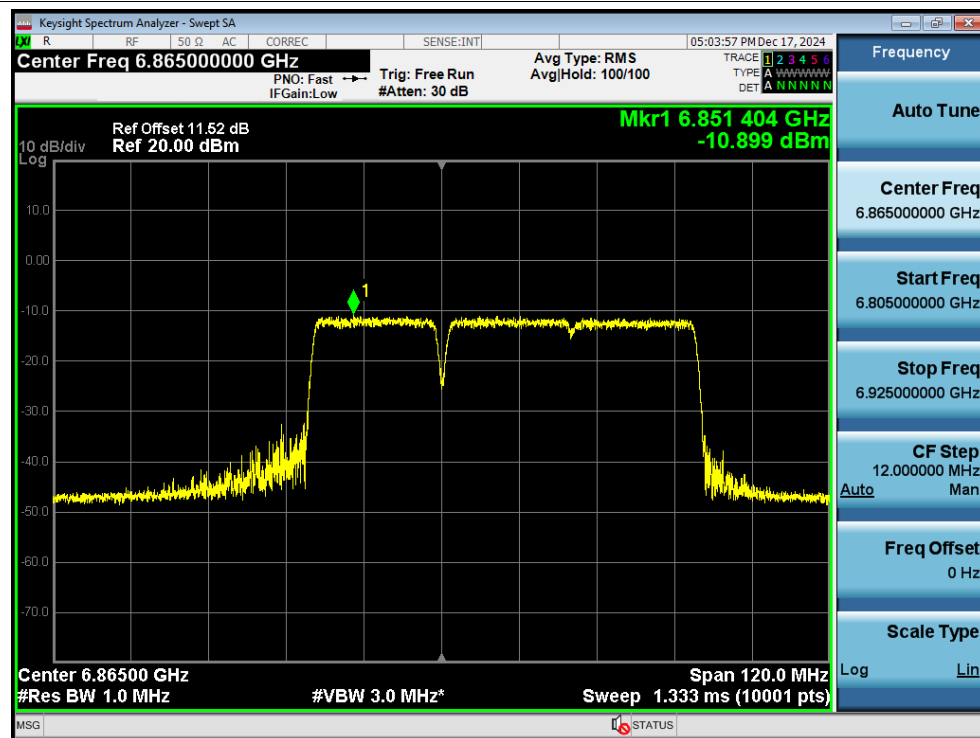
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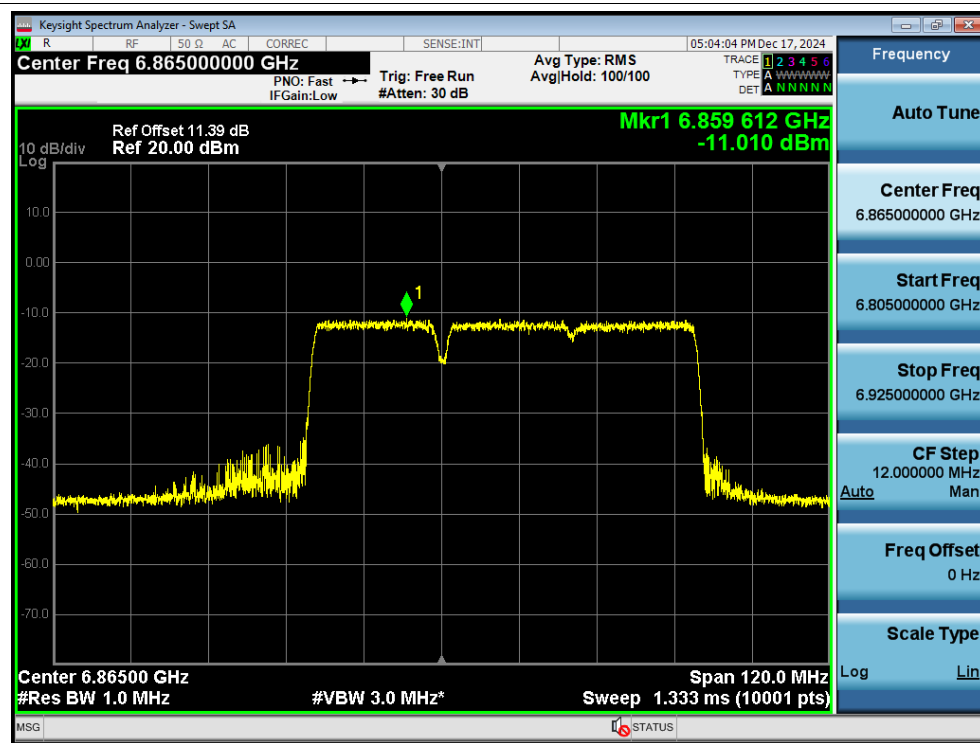
PSD 802.11be EHT40 52+26-Tones LOW 6525MHz Ant2



PSD 802.11be EHT80 484+242-Tones HIGH 6865MHz Ant1



PSD 802.11be EHT80 484+242-Tones HIGH 6865MHz Ant2



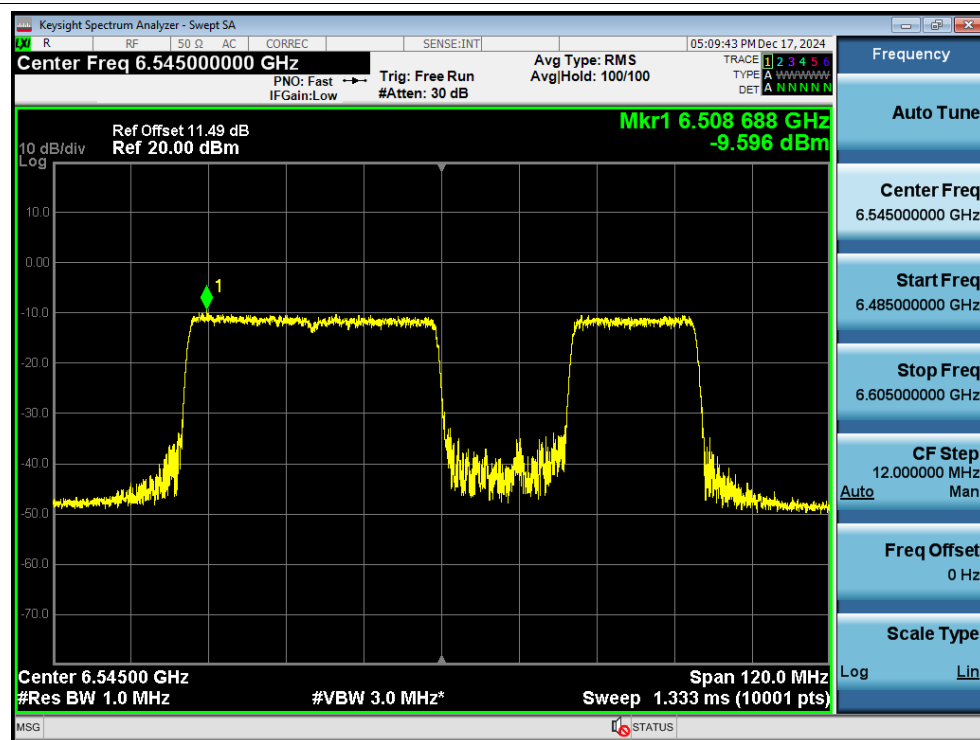
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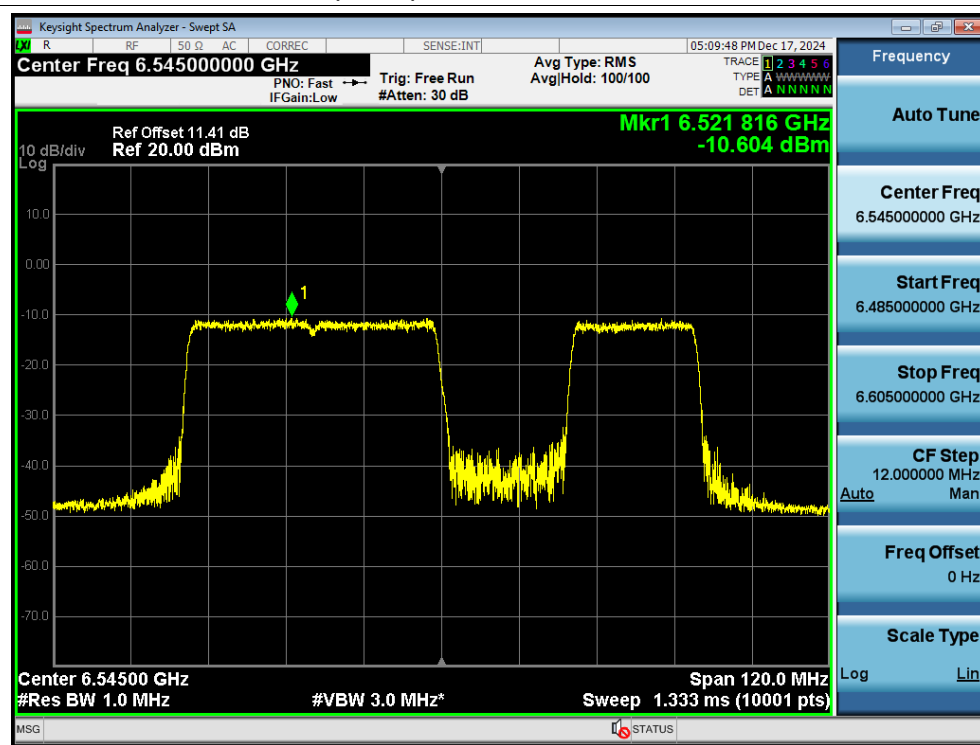
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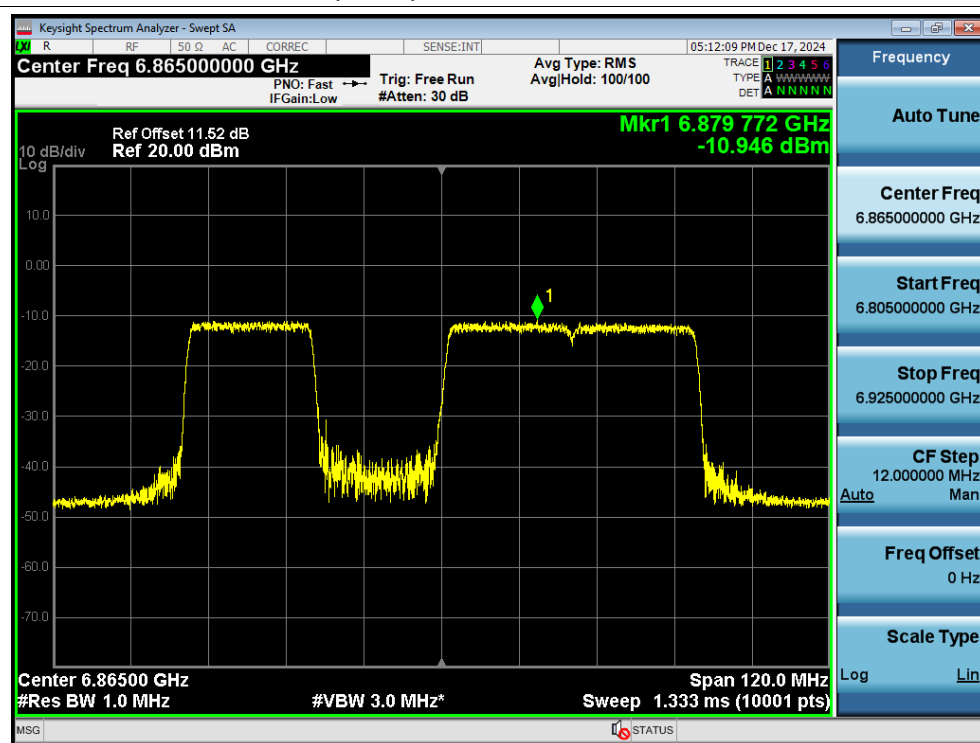
PSD 802.11be EHT(80-20) 242+484 Tone INDEX 3 6545MHz Ant1



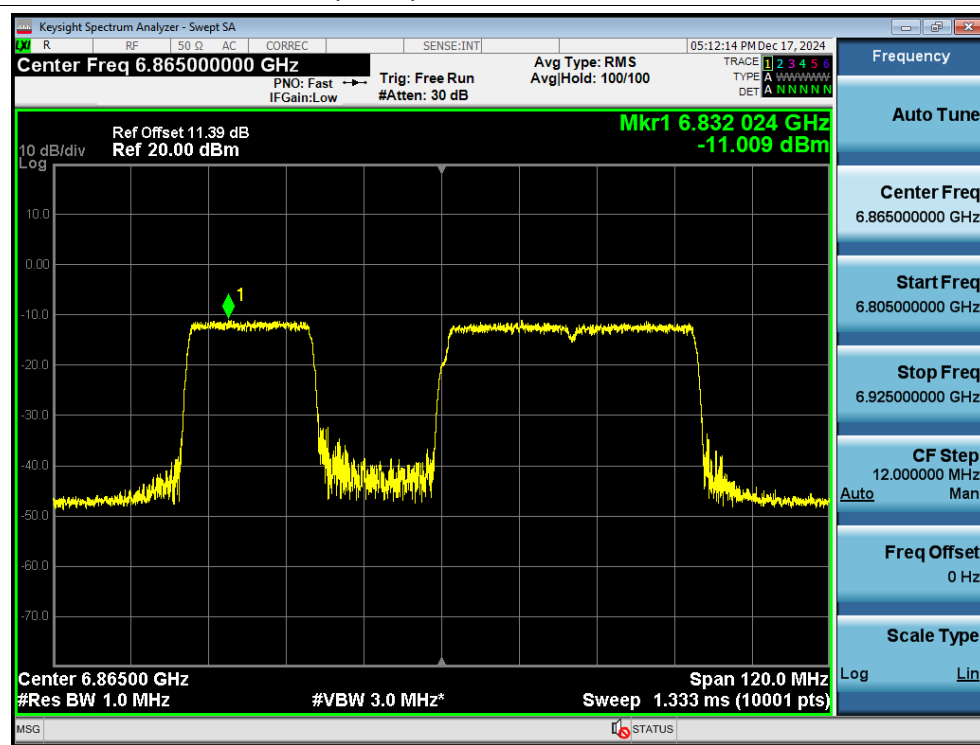
PSD 802.11be EHT(80-20) 242+484 Tone INDEX 3 6545MHz Ant2



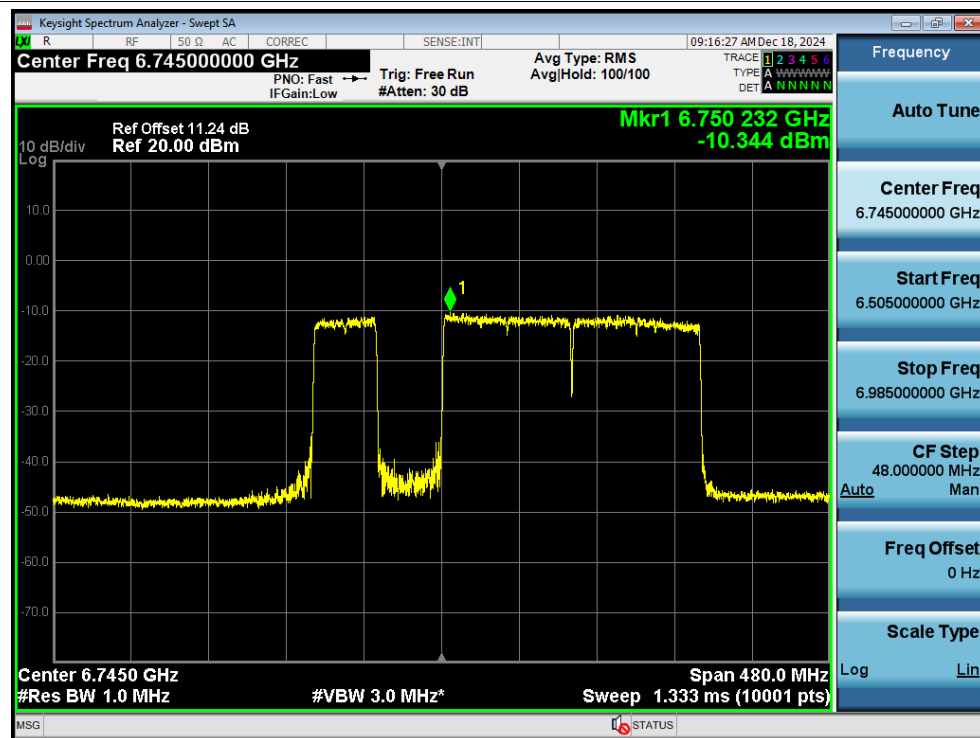
PSD 802.11be EHT(80-20) 242+484 Tone INDEX 2 6865MHz Ant1



PSD 802.11be EHT(80-20) 242+484 Tone INDEX 2 6865MHz Ant2



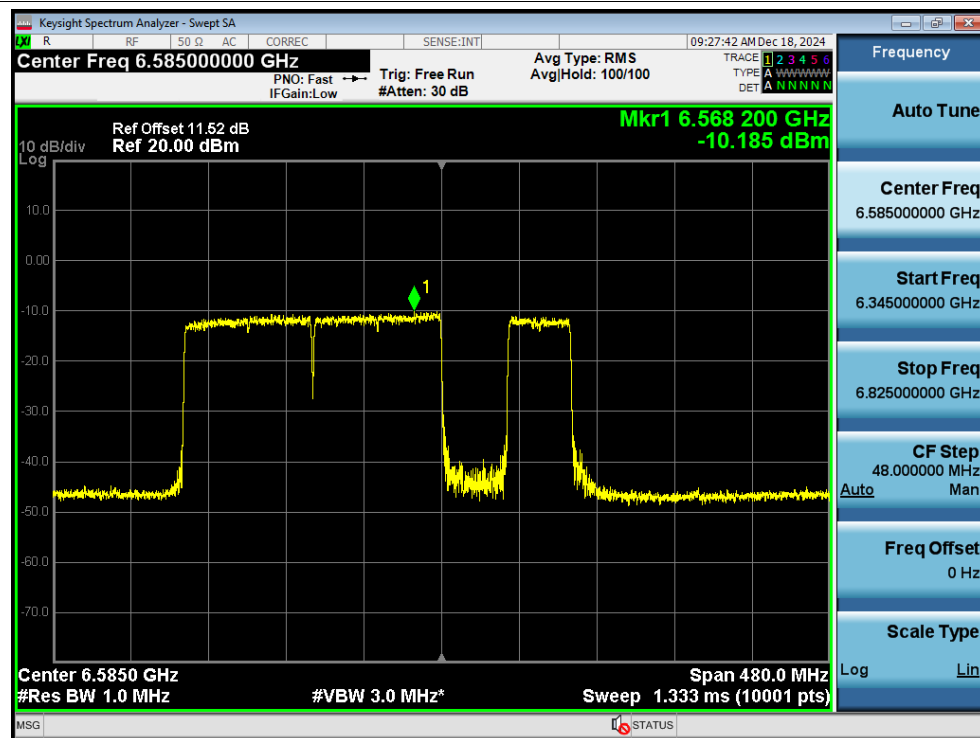
PSD 802.11be(320-120)996x2+484 Tone INDEX 8 6745MHz Ant1



PSD 802.11be(320-120)996x2+484 Tone INDEX 8 6745MHz Ant2



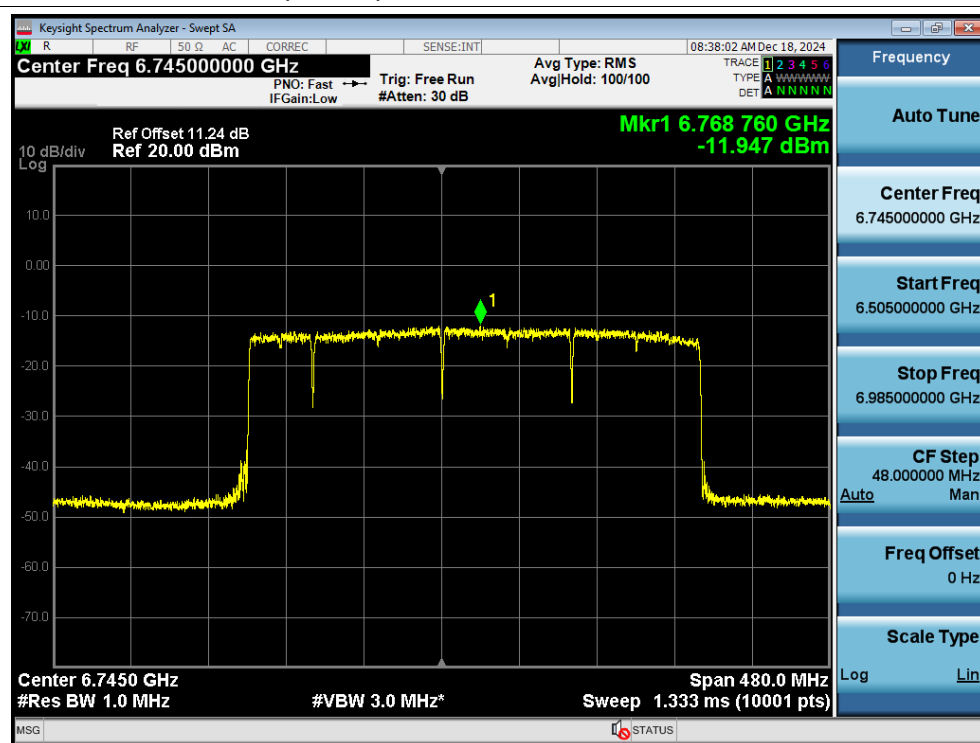
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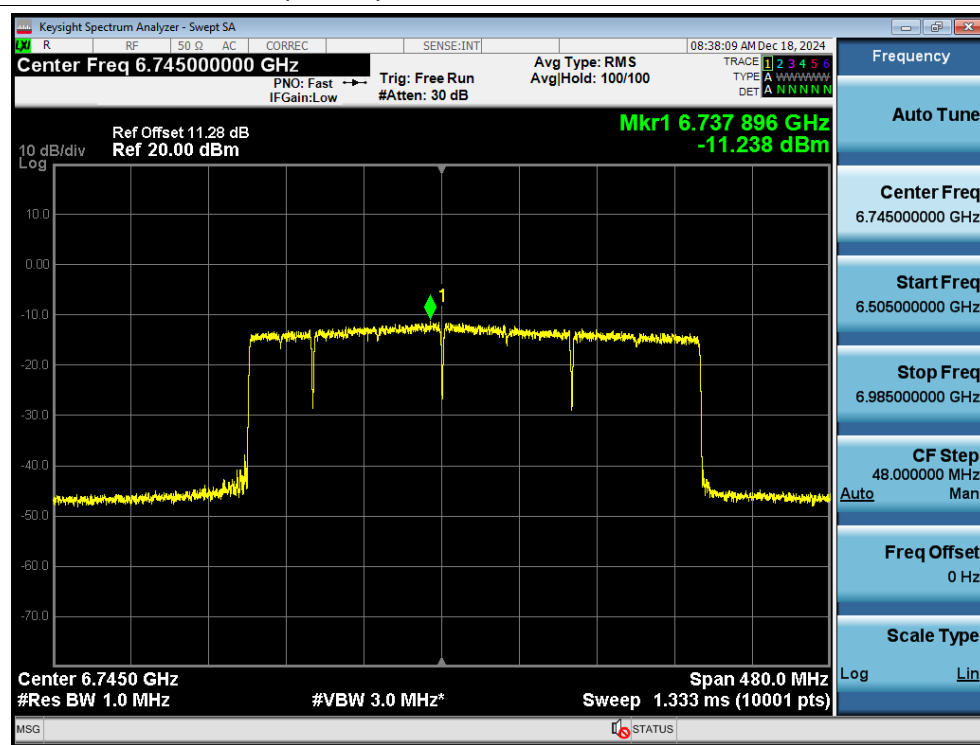
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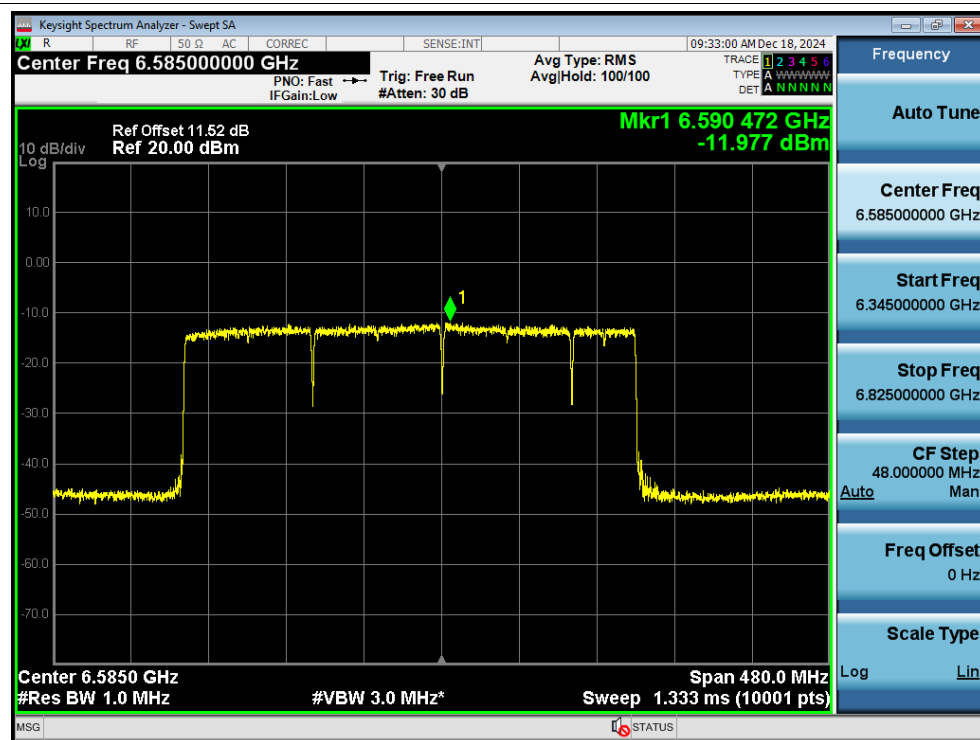
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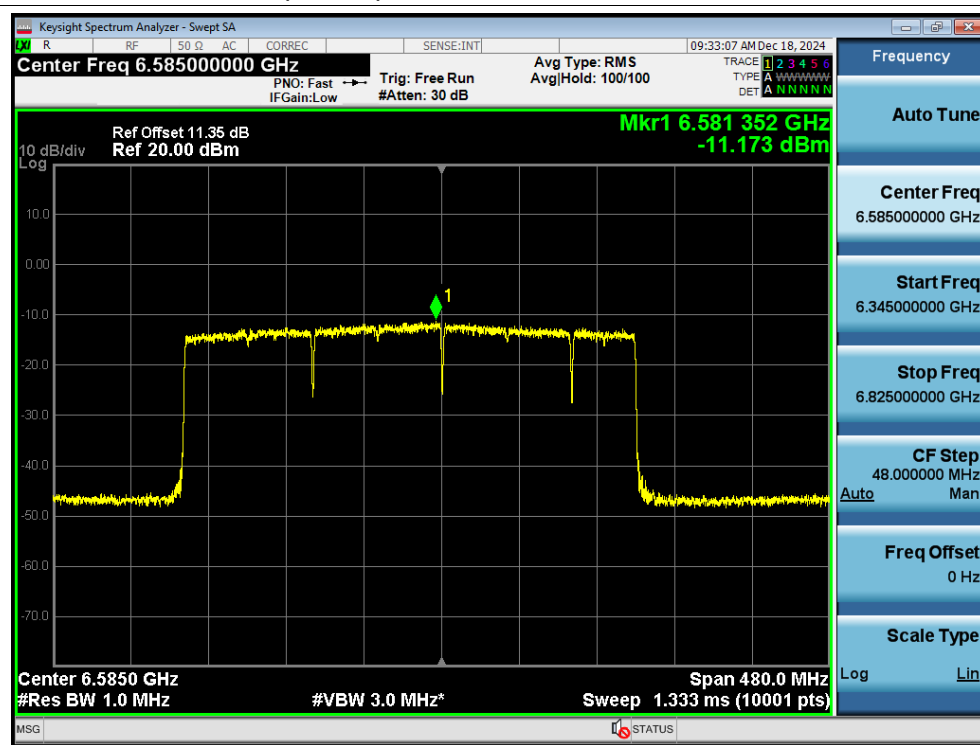
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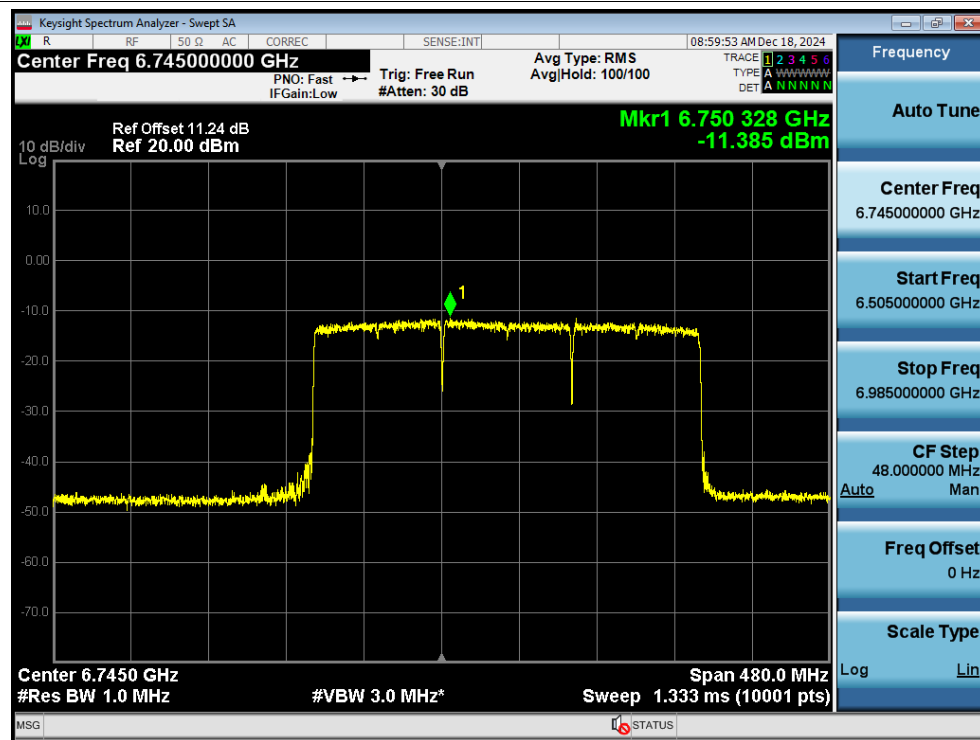
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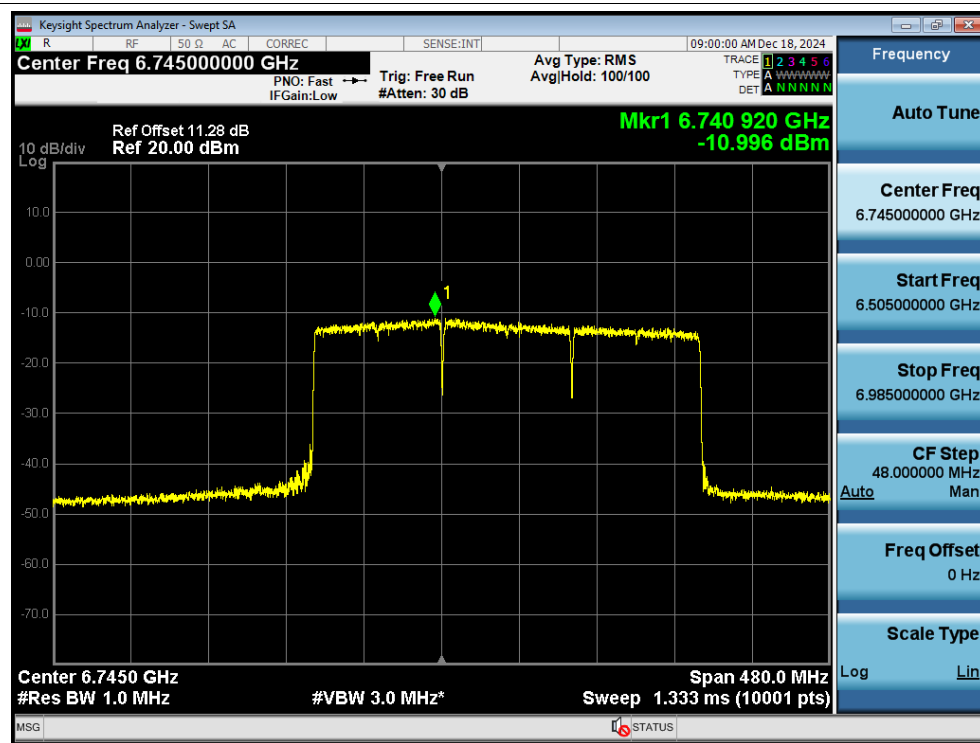
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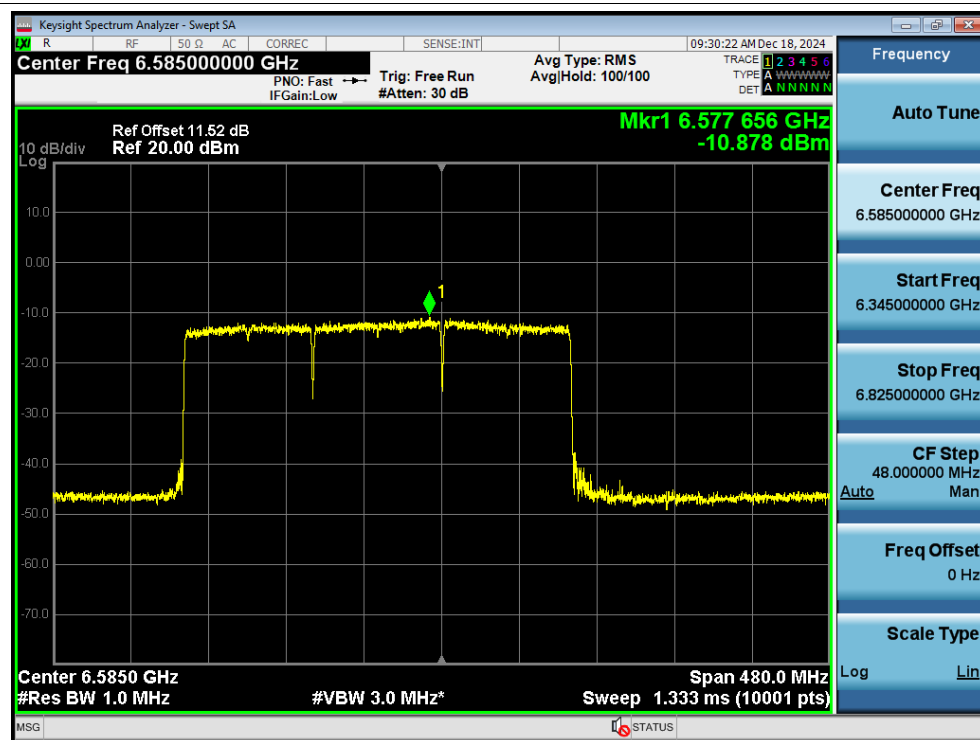
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PSD 802.11be(320-80) 996x3 Tone INDEX 1 6745MHz Ant2



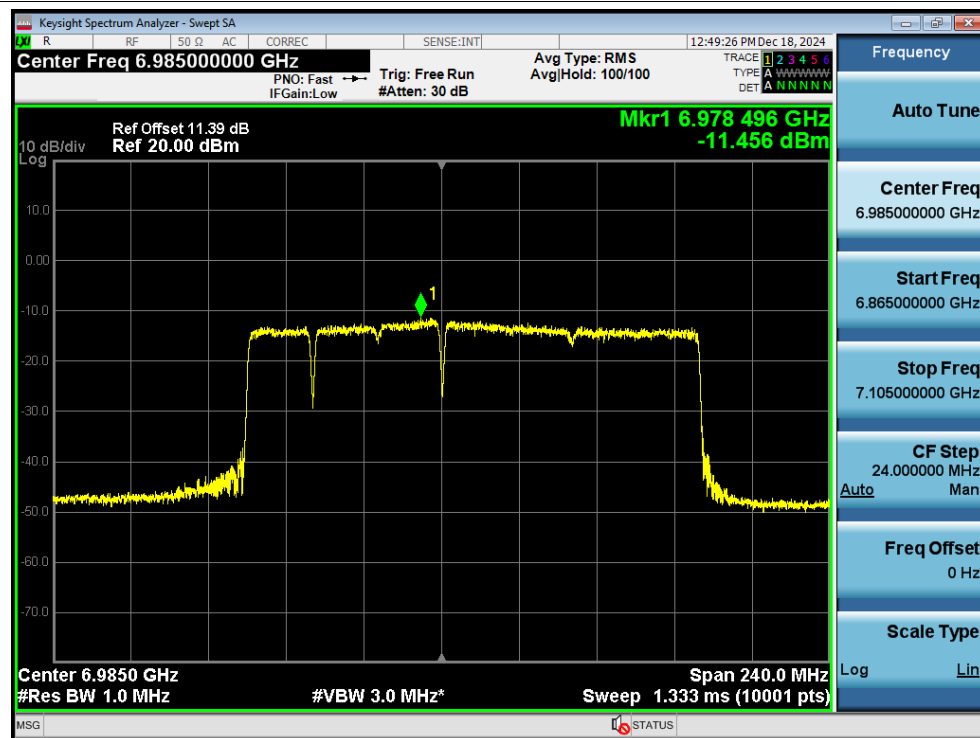
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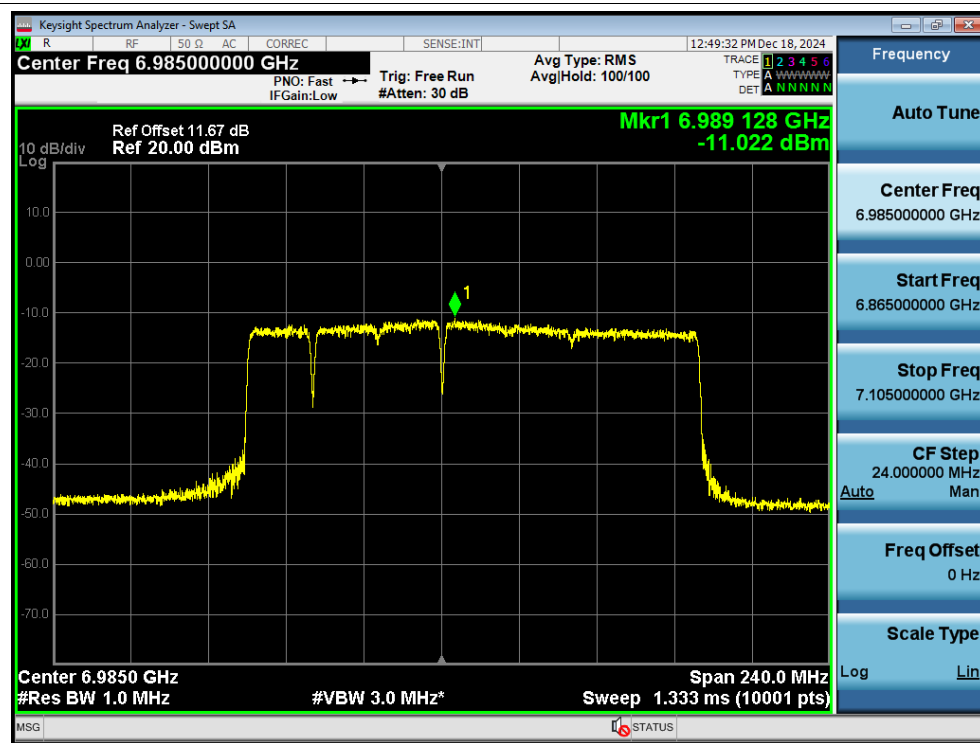
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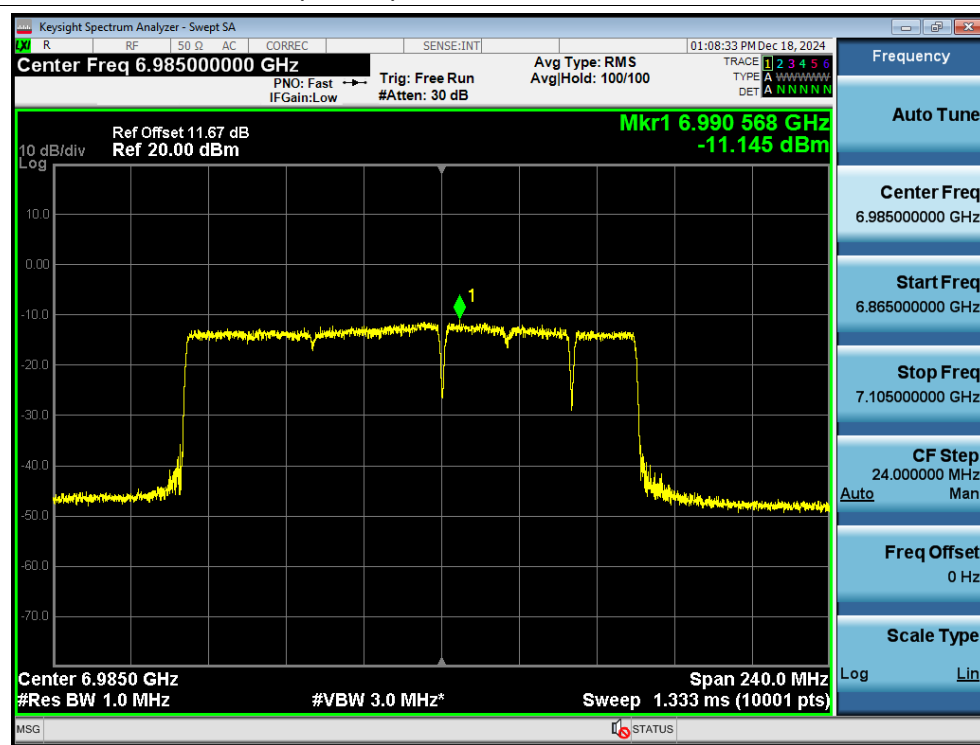
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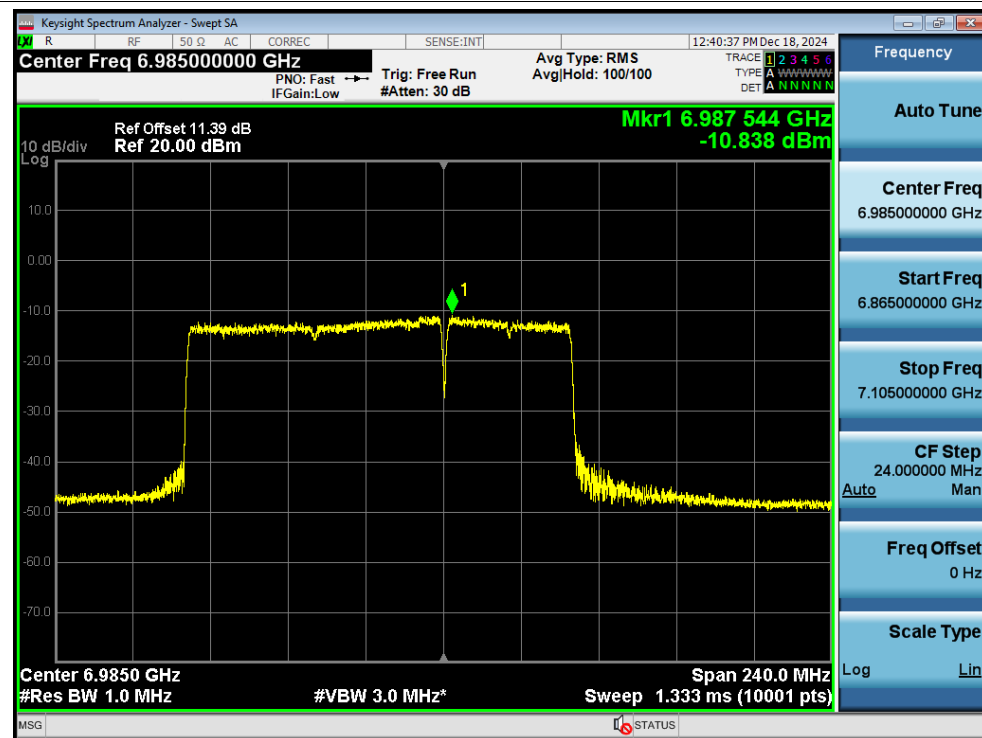
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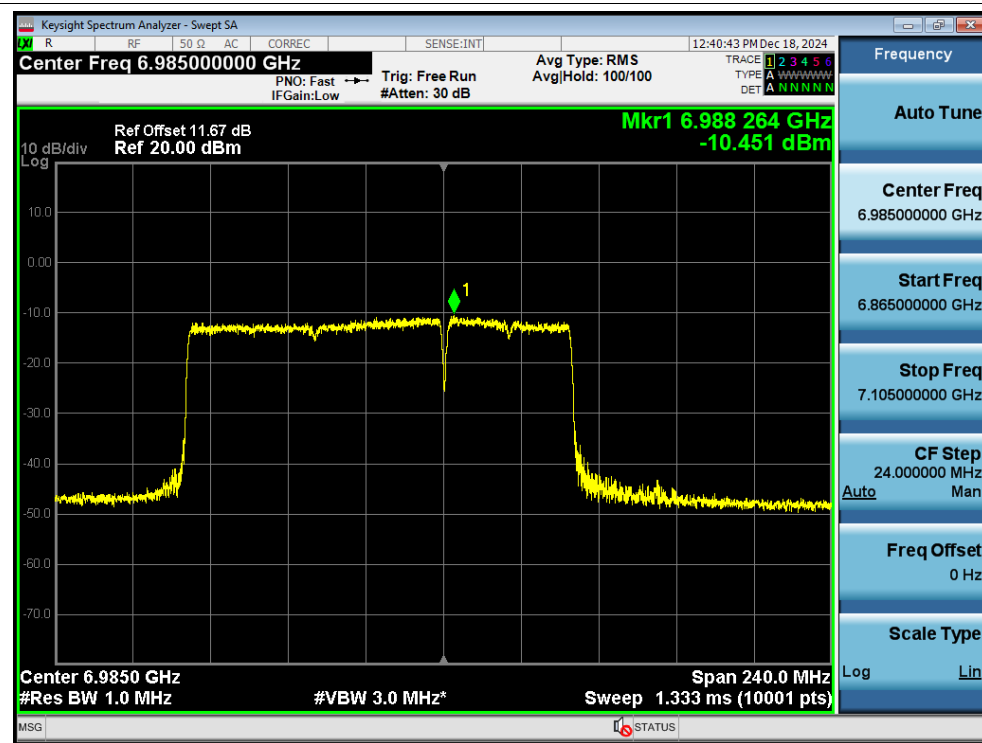
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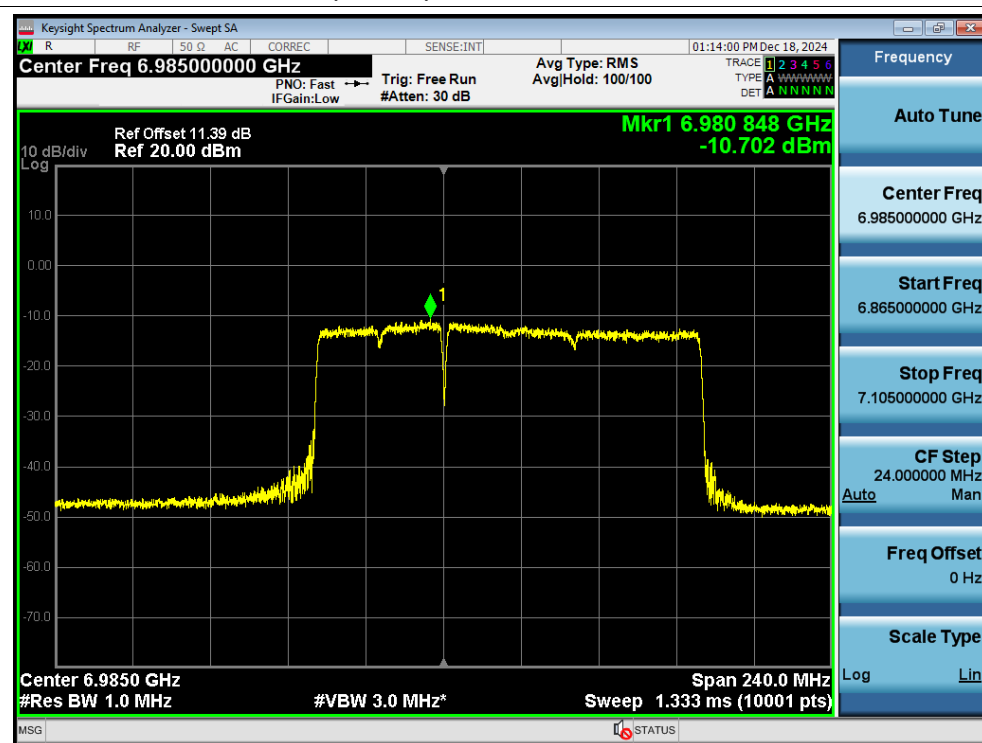
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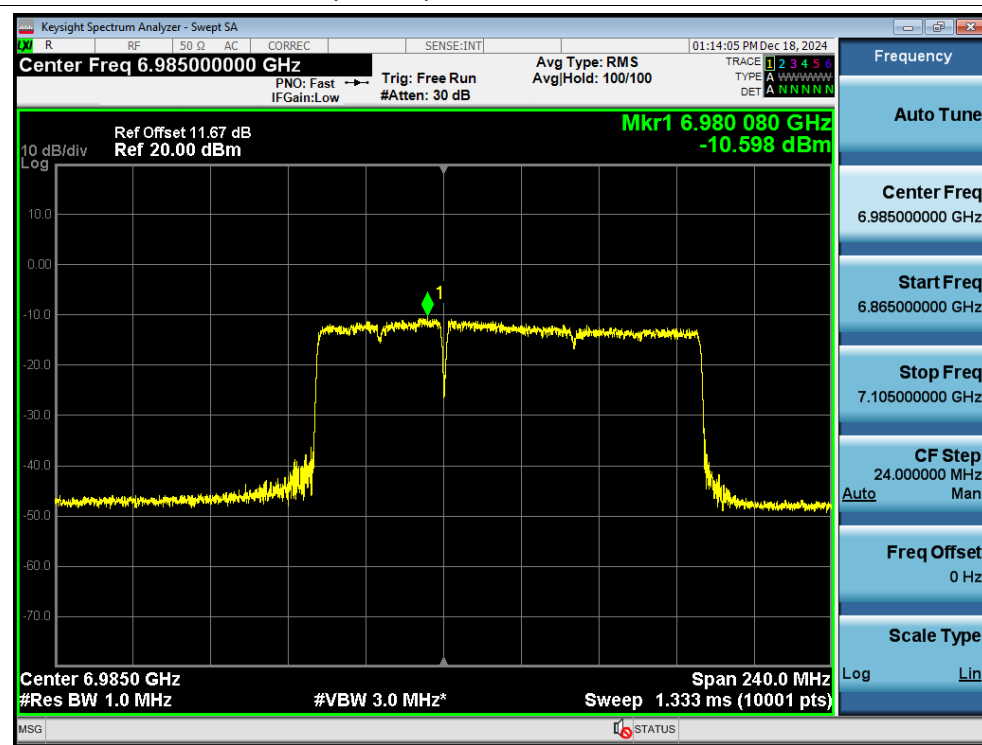
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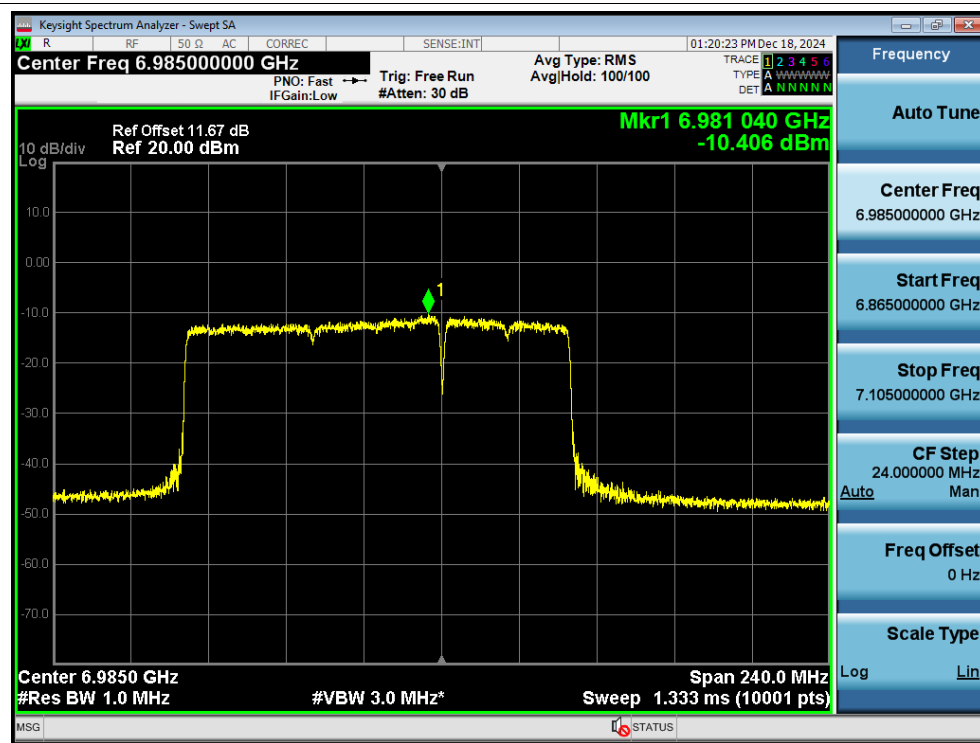
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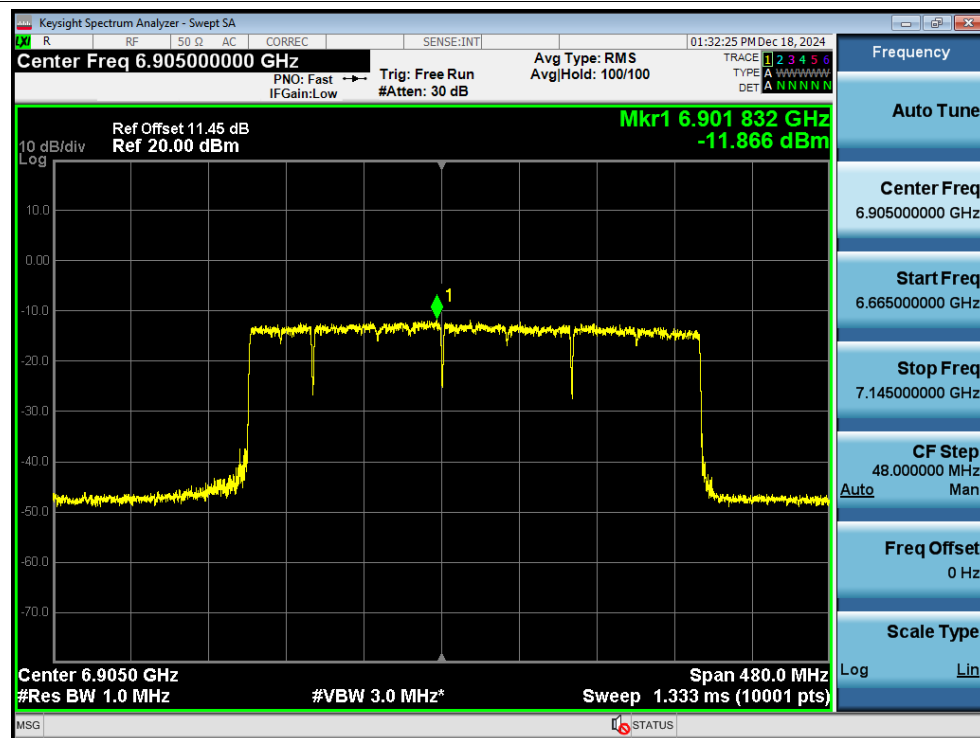
PSD 802.11be EHT(160-40)484+996 Tone INDEX 4 6985MHz Ant1



PSD 802.11be EHT(160-40)484+996 Tone INDEX 4 6985MHz Ant2



PSD 802.11be EHT320 484+996+996+996-Tones HIGH 6905MHz Ant1



PSD 802.11be EHT320 484+996+996+996-Tones HIGH 6905MHz Ant2



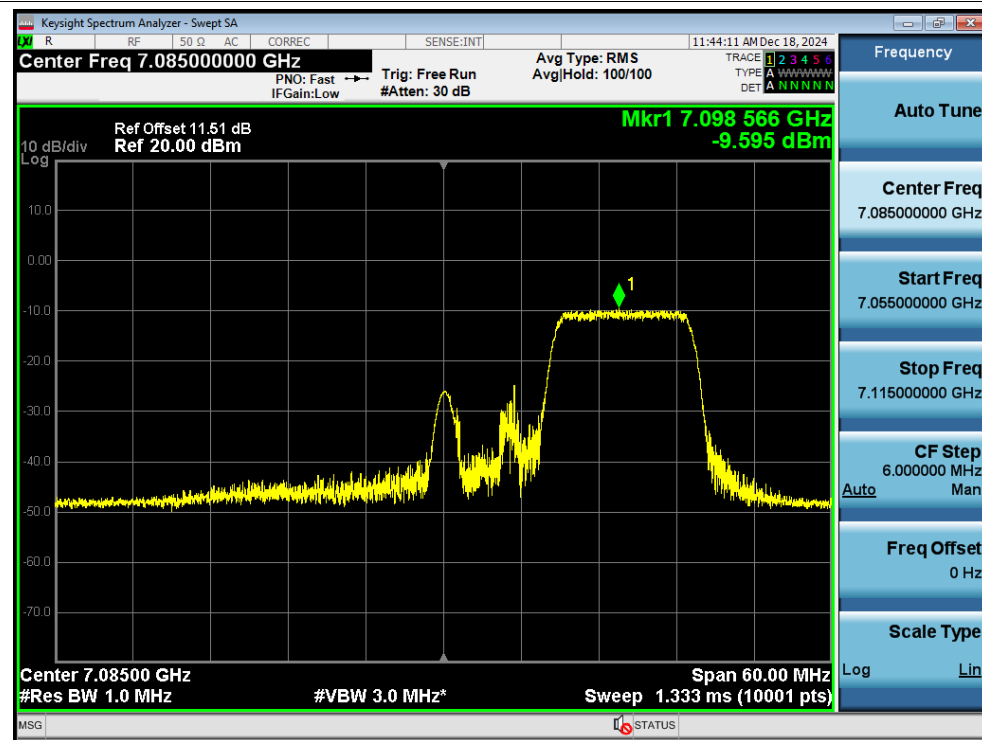
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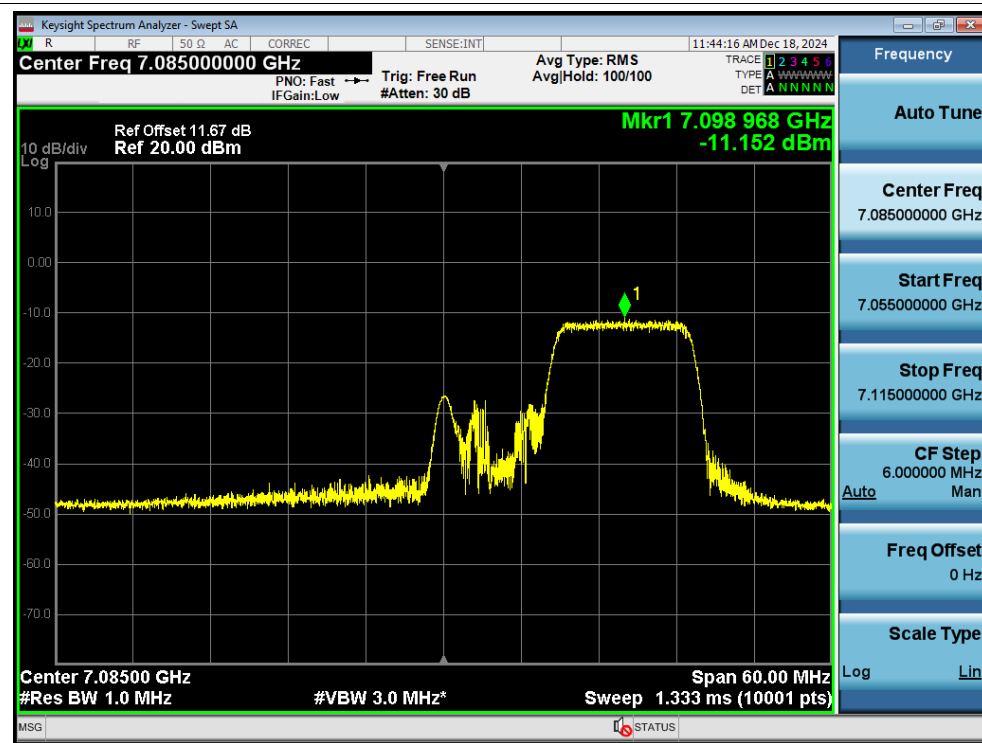
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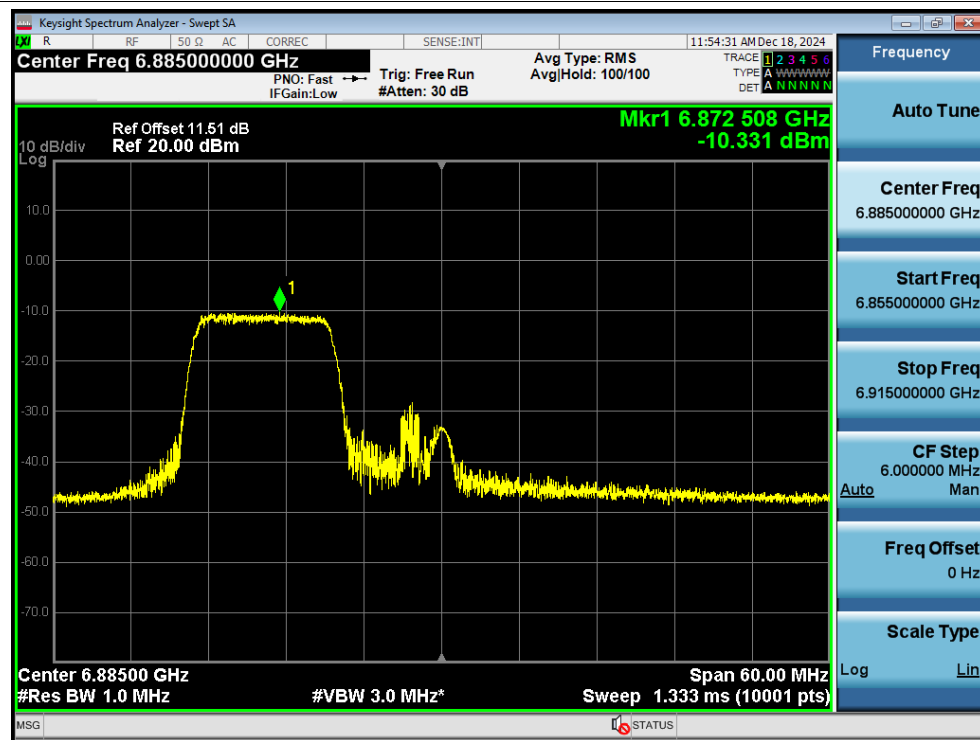
PSD 802.11be EHT40 106+26-Tones HIGH 7085MHz Ant1



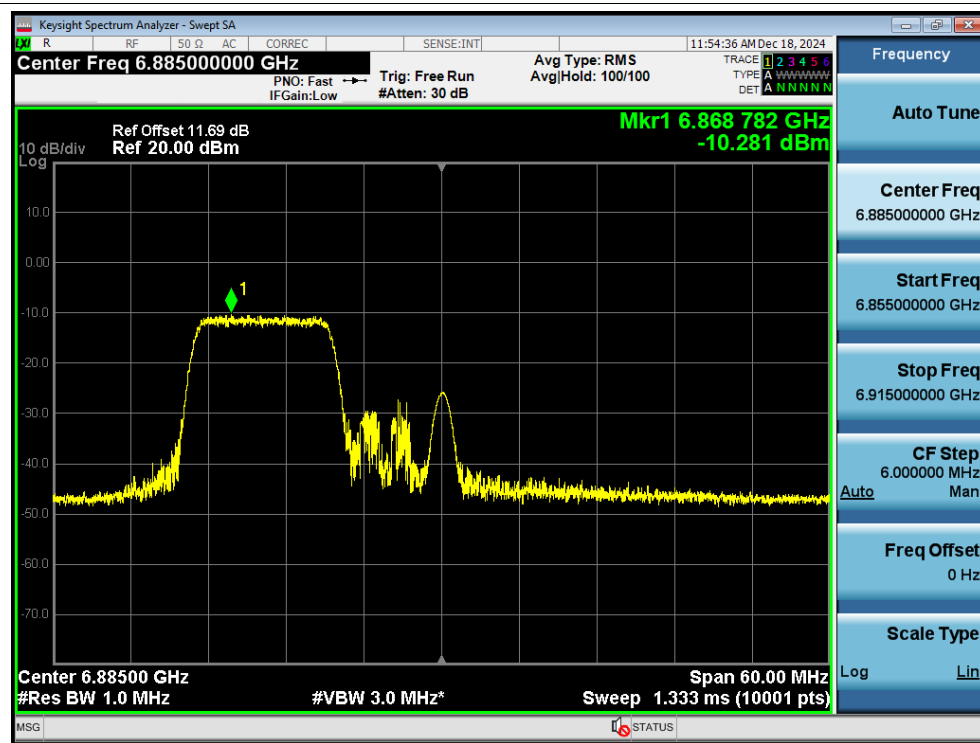
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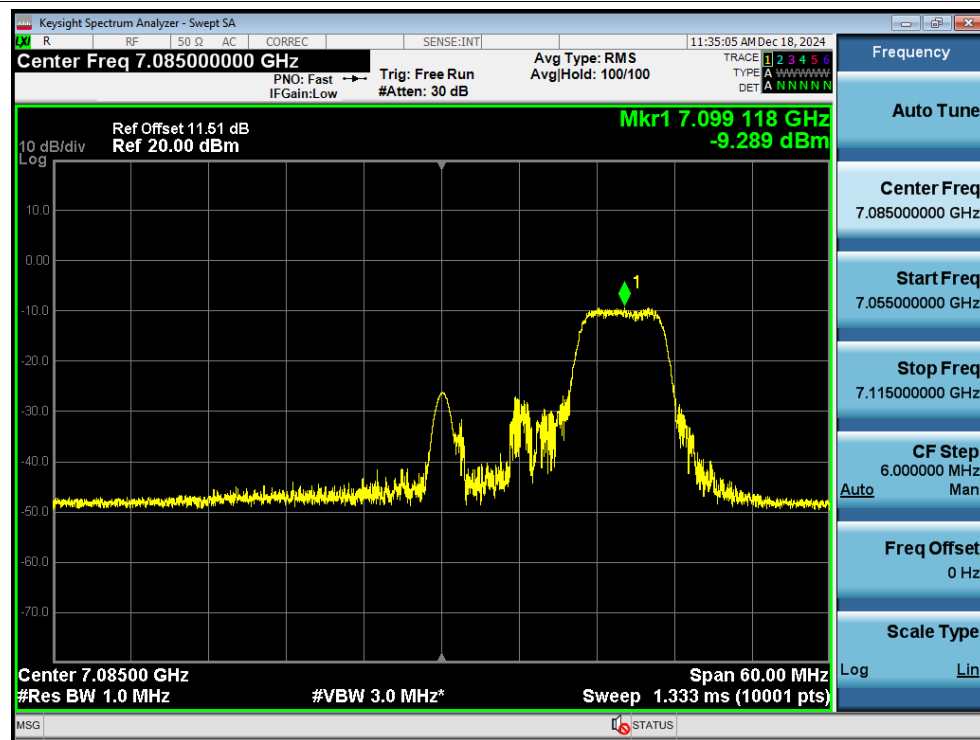
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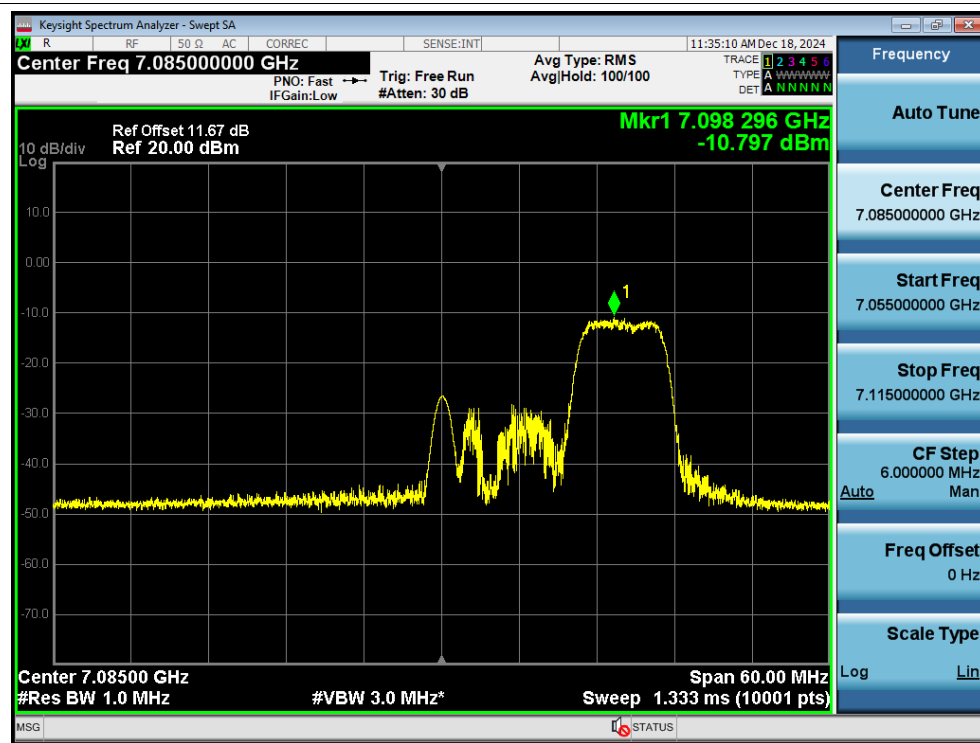
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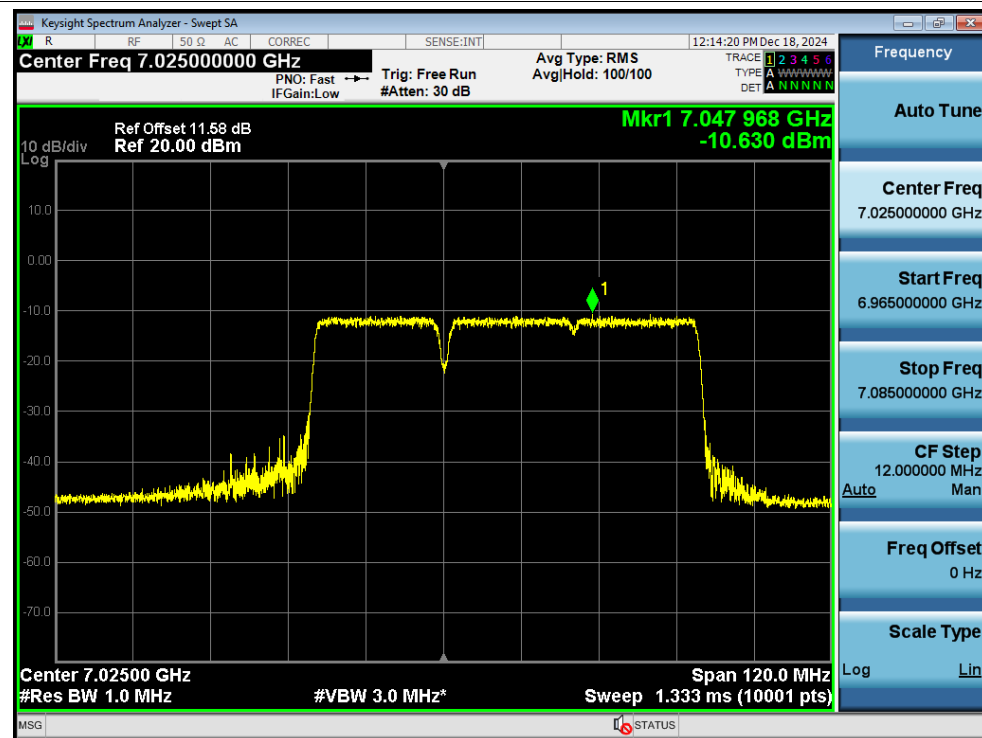
PSD 802.11be EHT40 52+26-Tones HIGH 7085MHz Ant1



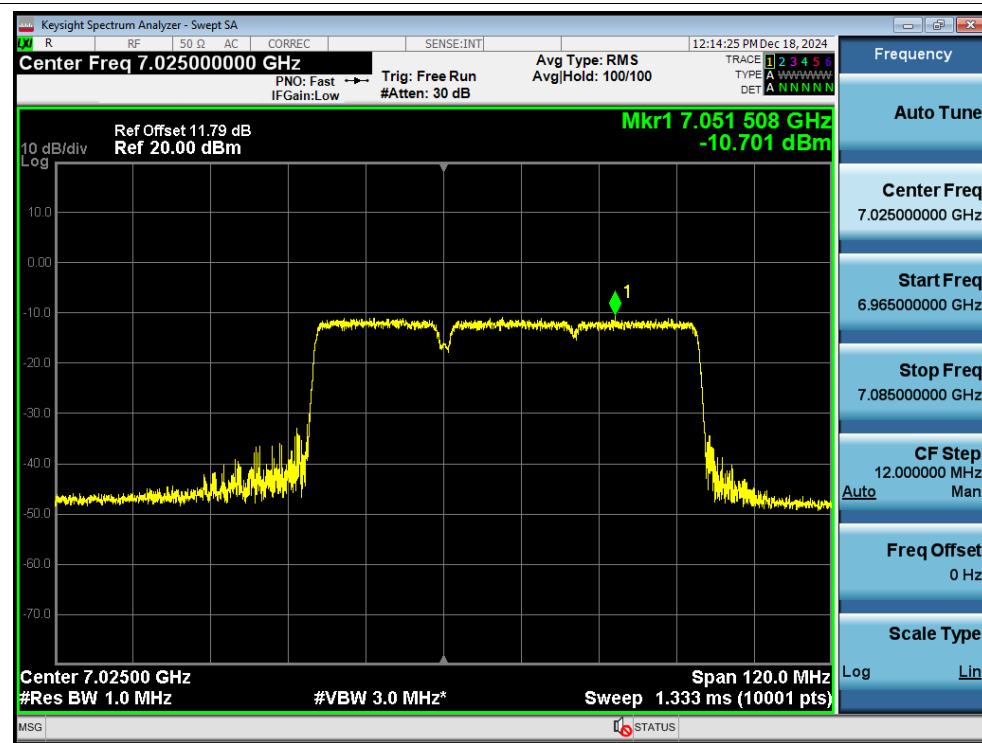
PSD 802.11be EHT40 52+26-Tones HIGH 7085MHz Ant2



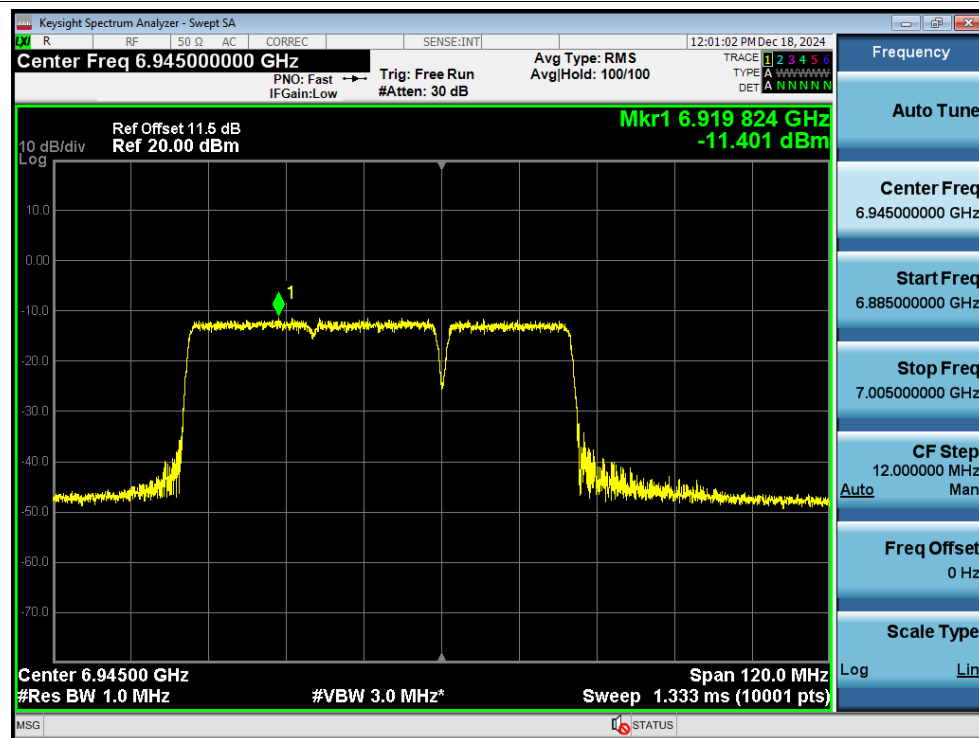
PSD 802.11be EHT80 484+242-Tones HIGH 7025MHz Ant1



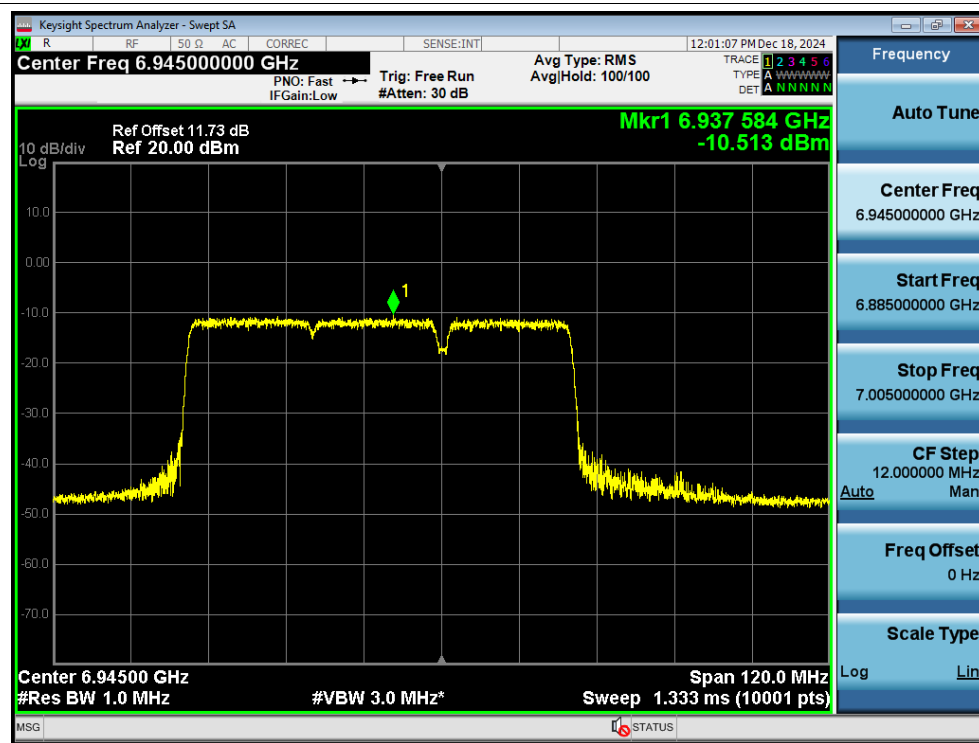
PSD 802.11be EHT80 484+242-Tones HIGH 7025MHz Ant2



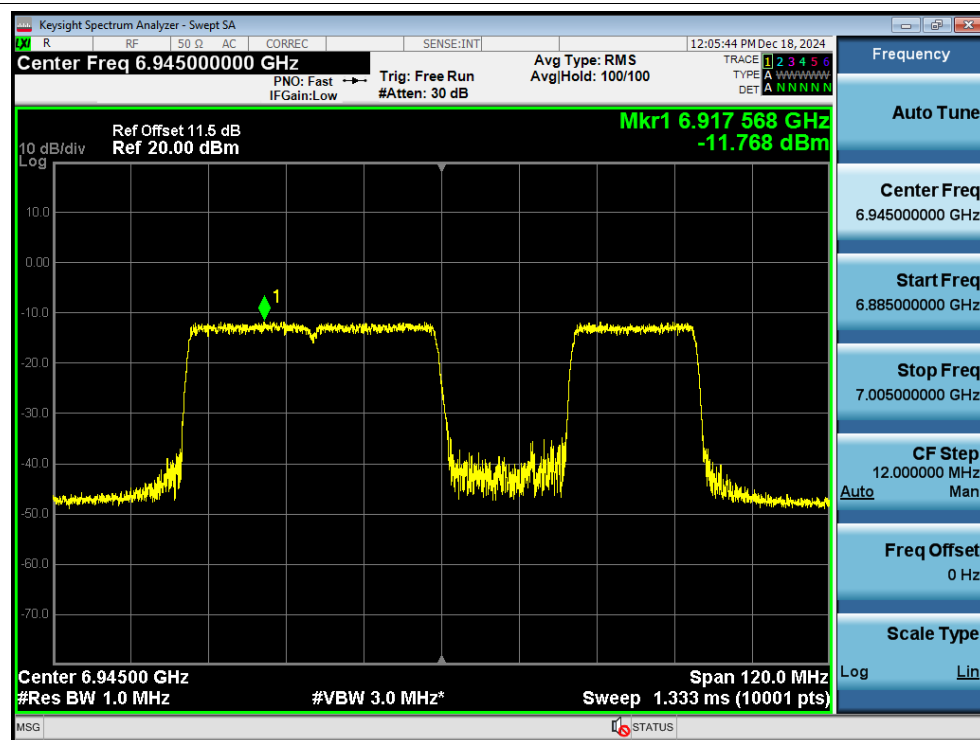
PSD 802.11be EHT80 484+242-Tones LOW 6945MHz Ant1



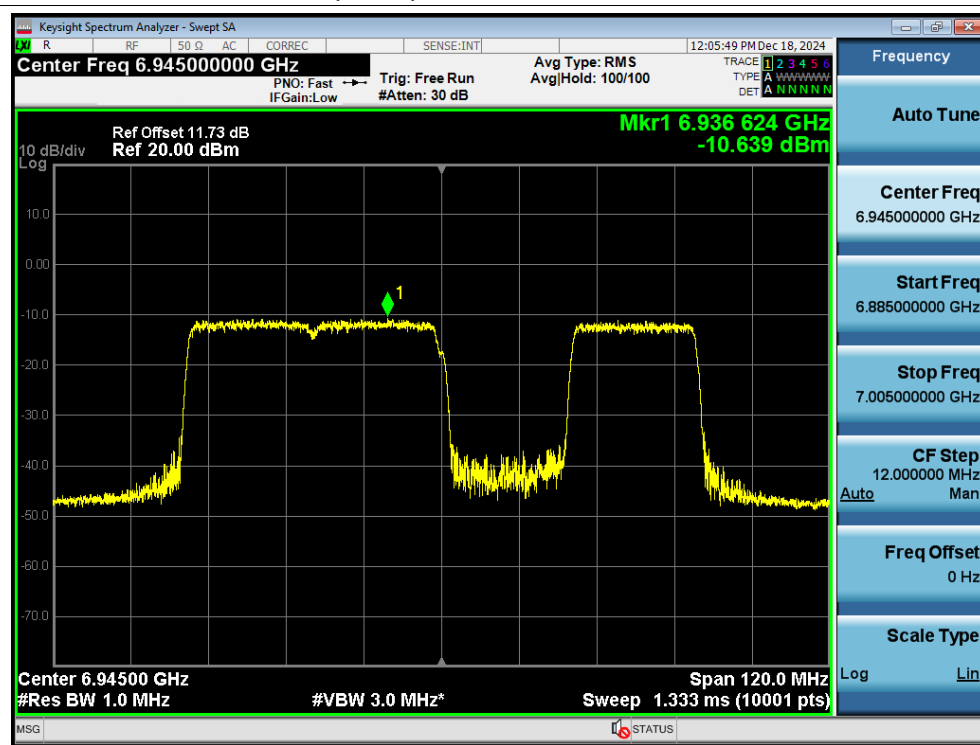
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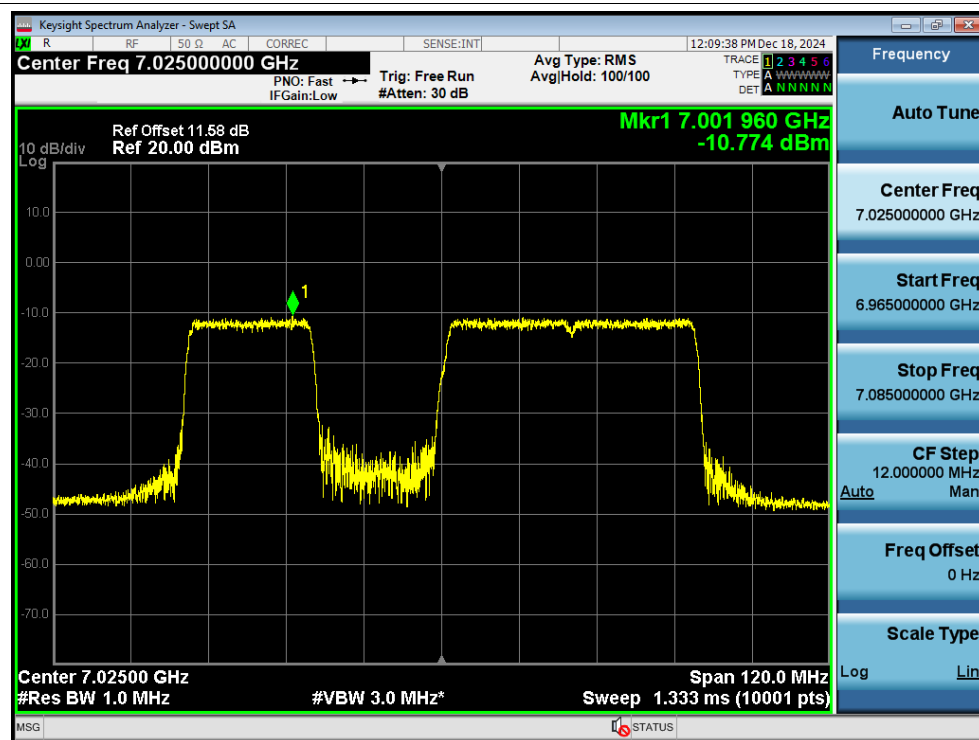
PSD 802.11be EHT(80-20) 242+484 Tone INDEX 3 6945MHz Ant1



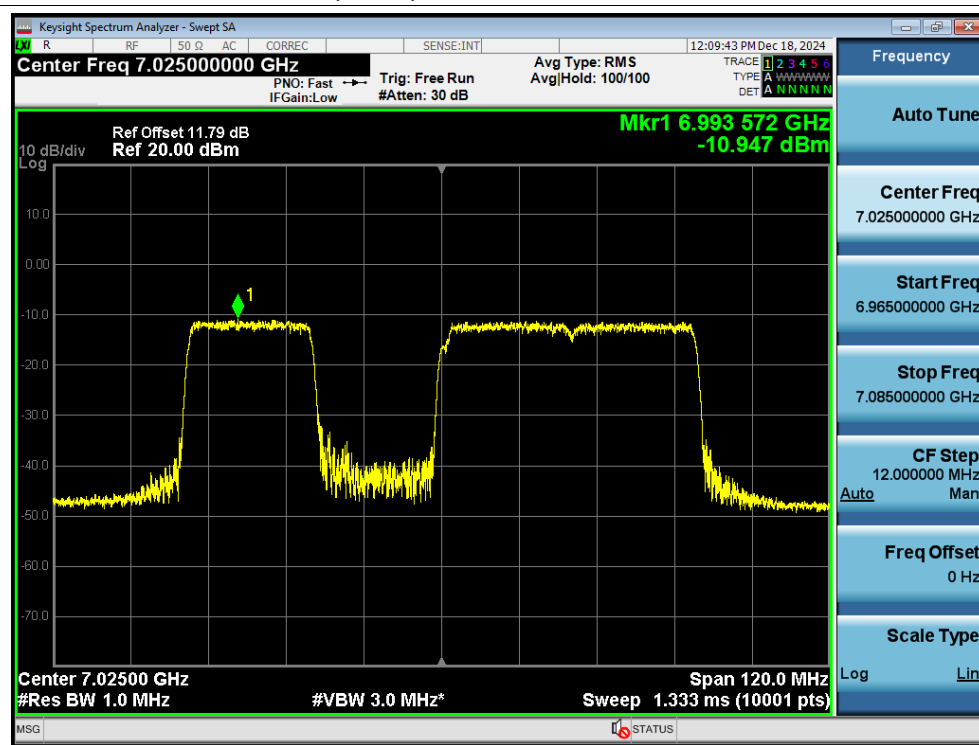
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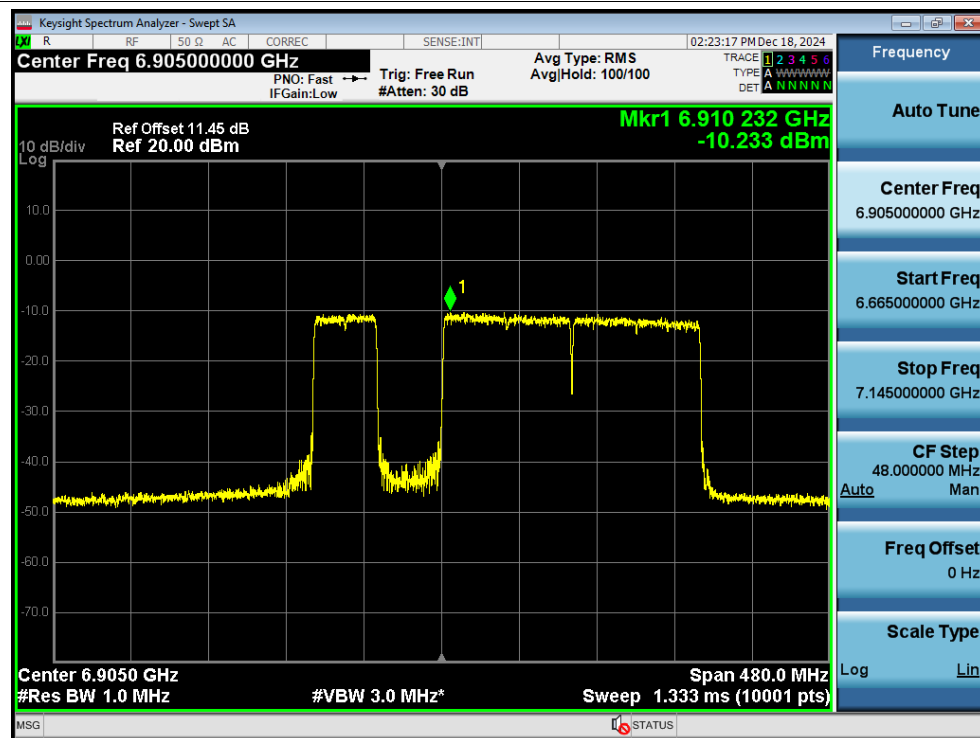
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PSD 802.11be EHT(80-20) 242+484 Tone INDEX 2 7025MHz Ant2



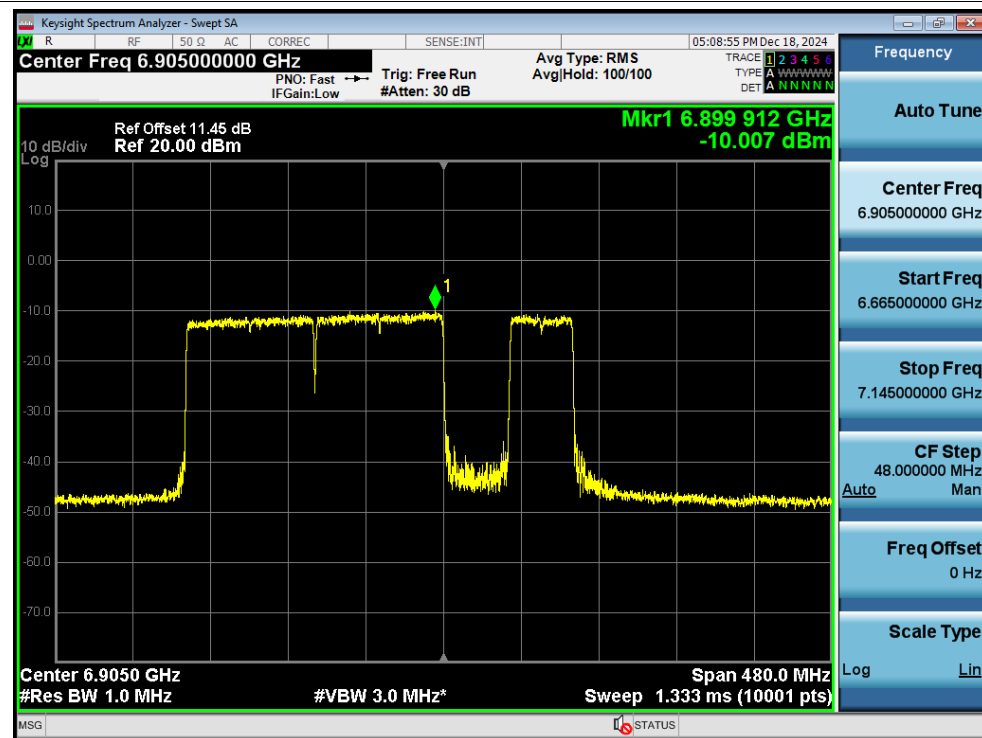
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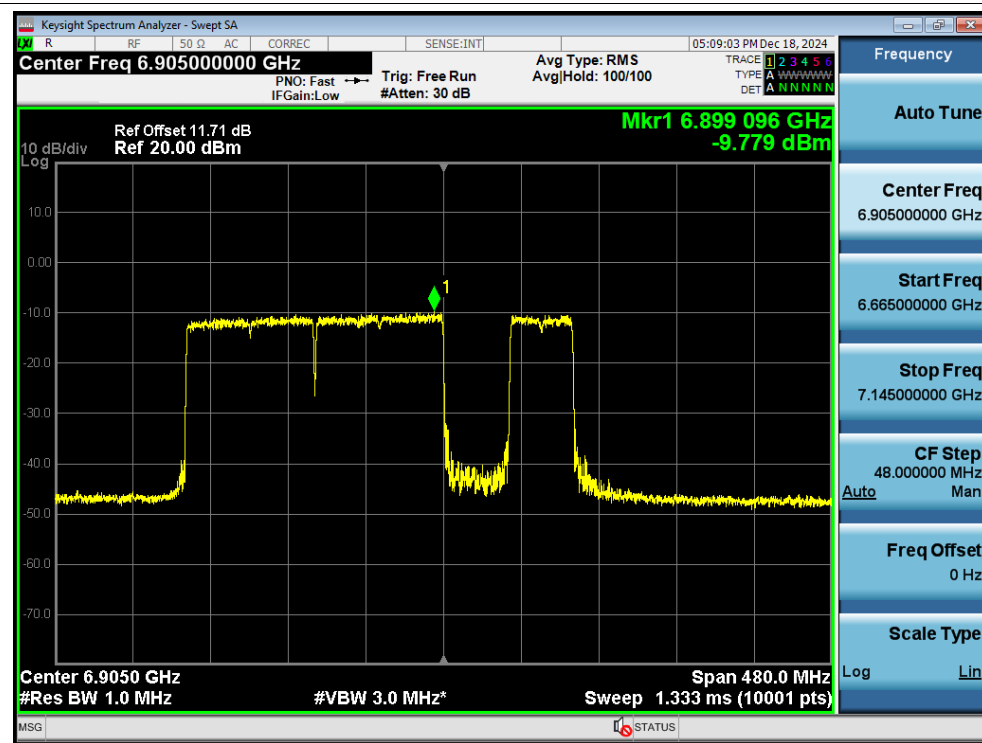
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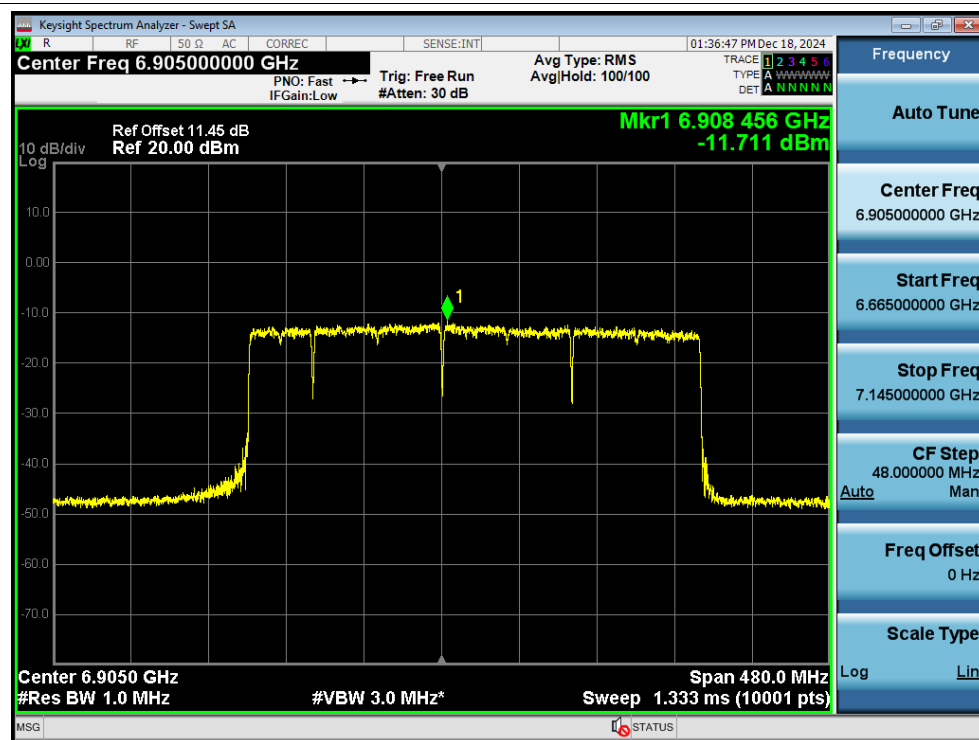
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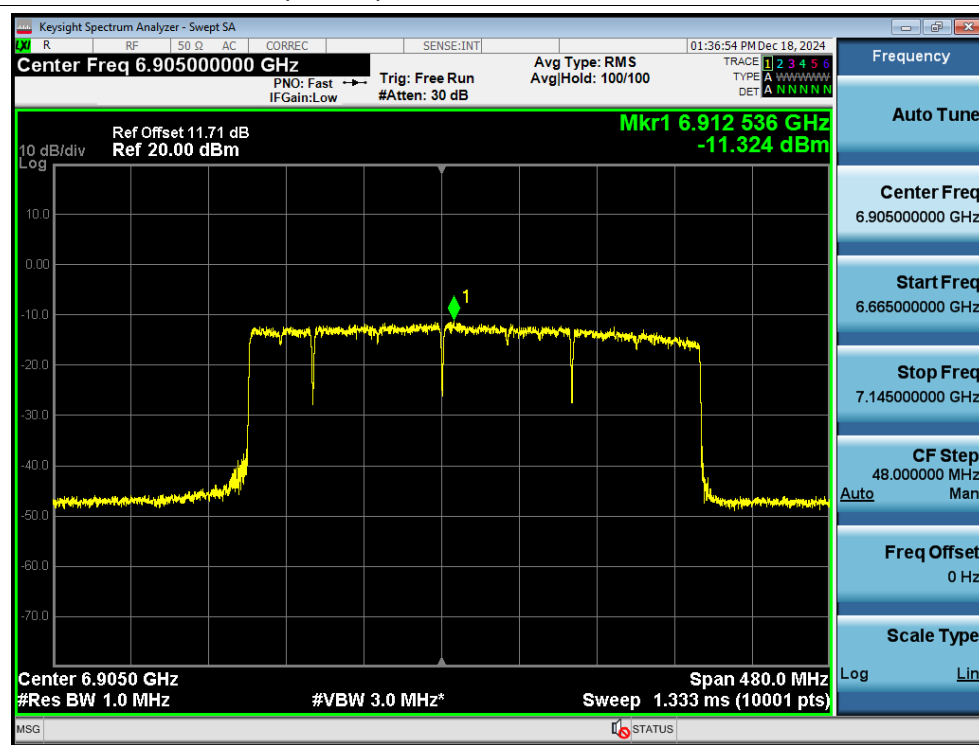
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PSD 802.11be(320-40)484+996x3 Tone INDEX 1 6905MHz Ant1



PSD 802.11be(320-40)484+996x3 Tone INDEX 1 6905MHz Ant2



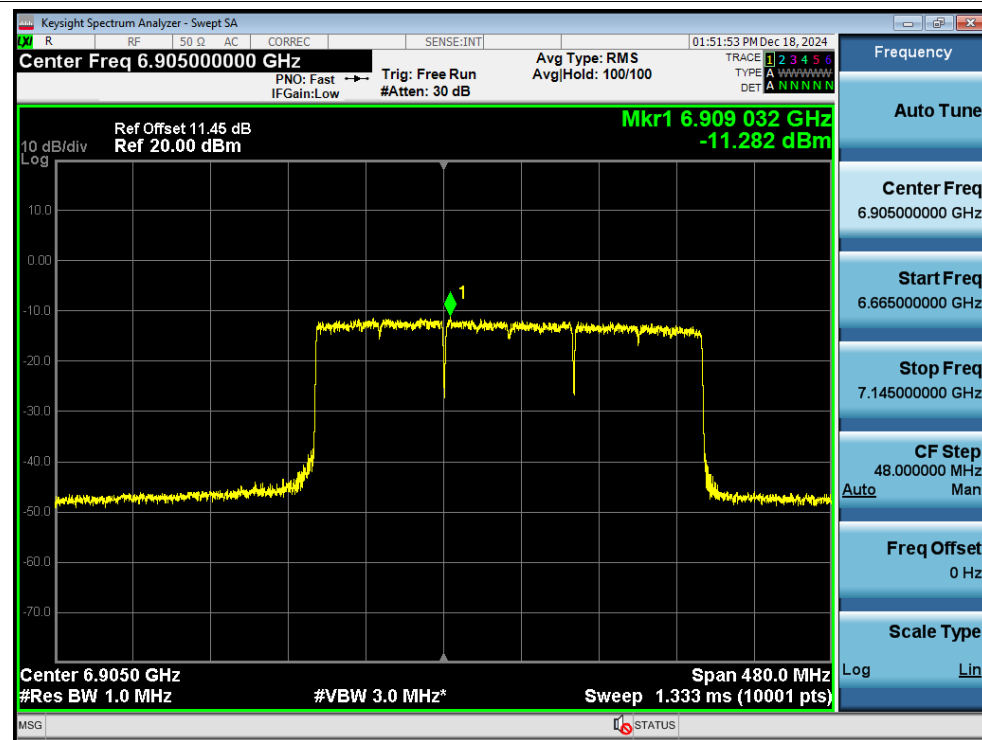
PSD 802.11be(320-40)484+996x3 Tone INDEX 8 6905MHz Ant1



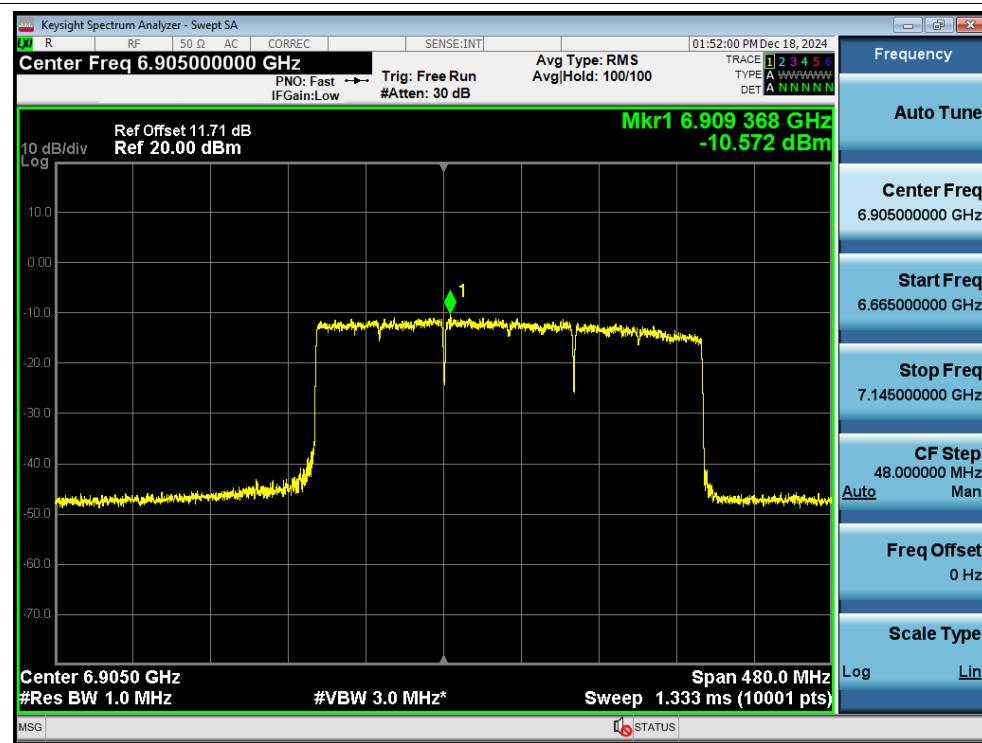
PSD 802.11be(320-40)484+996x3 Tone INDEX 8 6905MHz Ant2



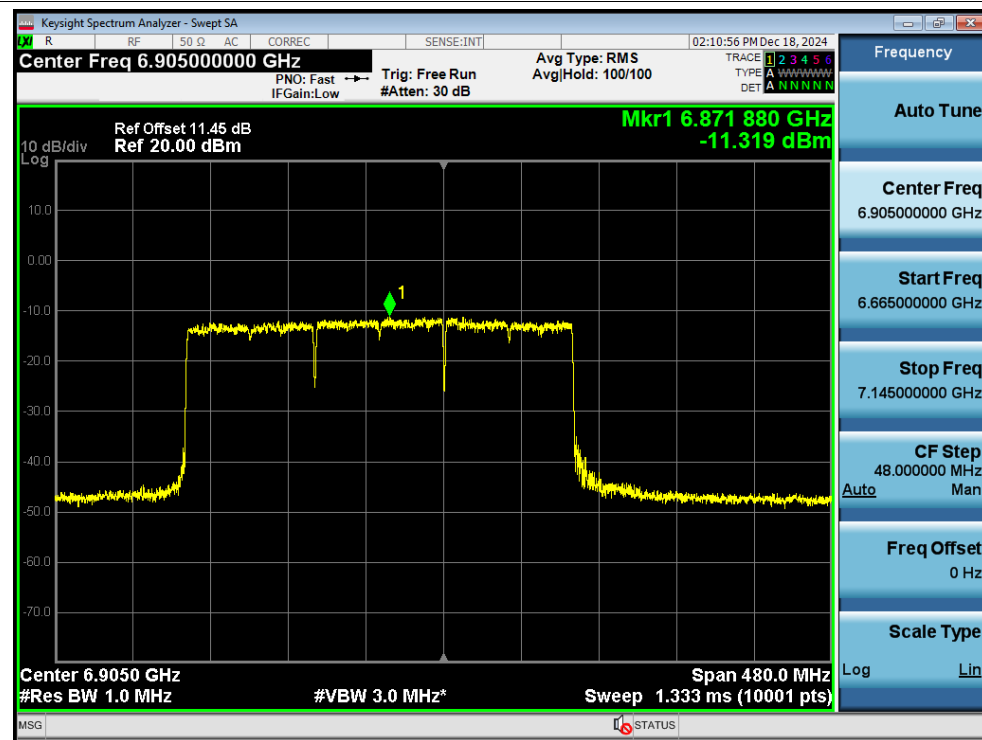
PSD 802.11be(320-80) 996x3 Tone INDEX 1 6905MHz Ant1



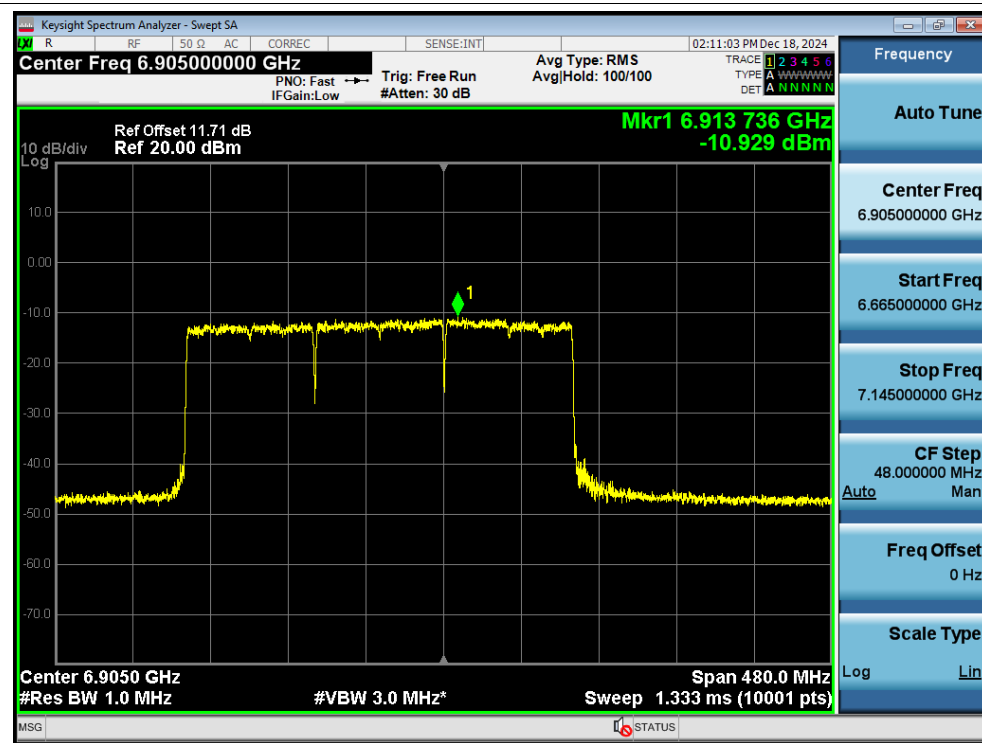
PSD 802.11be(320-80) 996x3 Tone INDEX 1 6905MHz Ant2



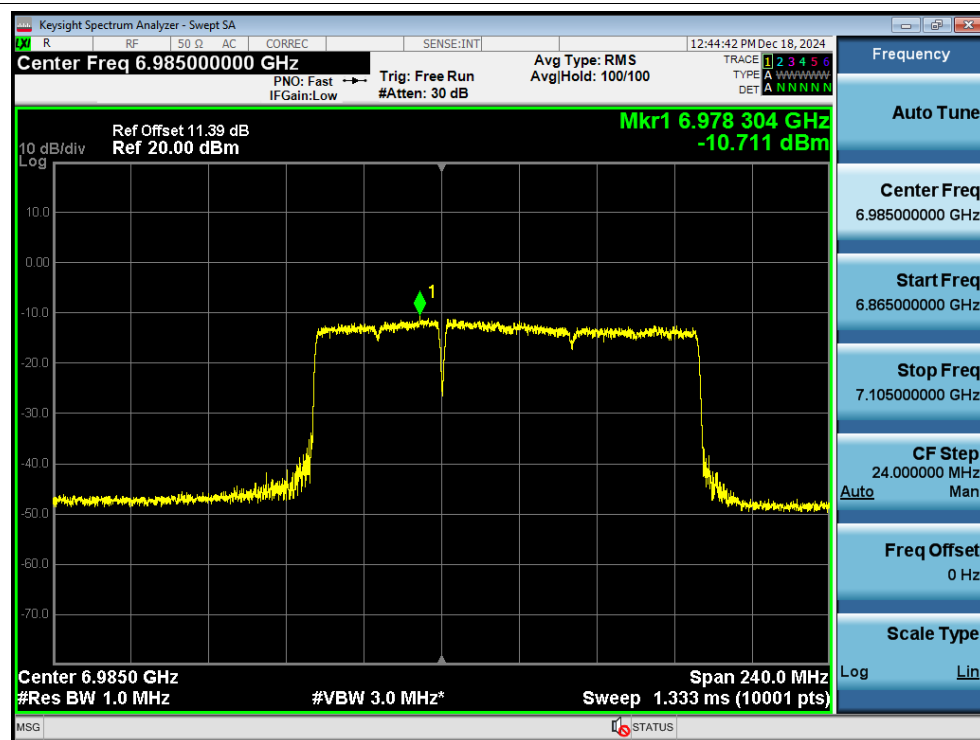
PSD 802.11be(320-80) 996x3 Tone INDEX 4 6905MHz Ant1



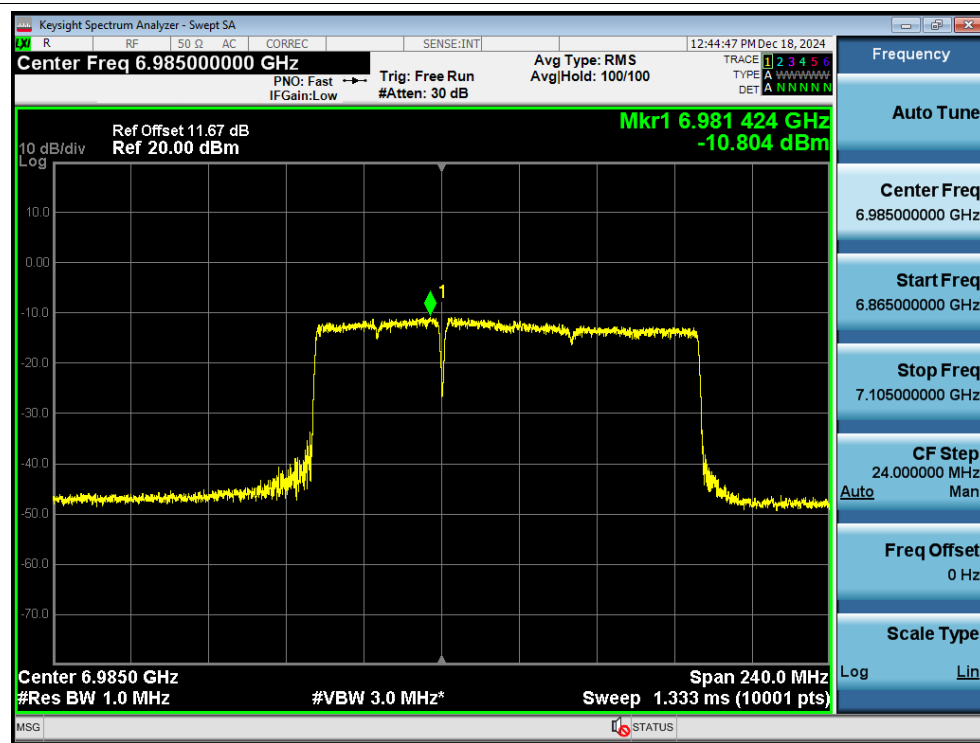
PSD 802.11be(320-80) 996x3 Tone INDEX 4 6905MHz Ant2



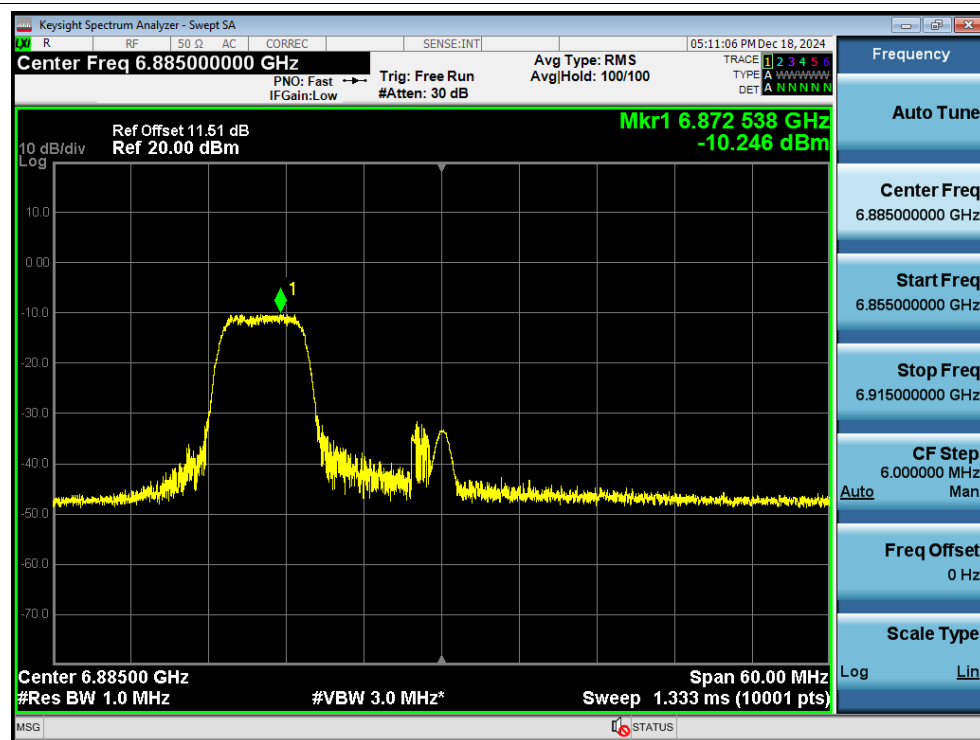
PSD 802.11be EHT160 996+484-Tones HIGH 6985MHz Ant1



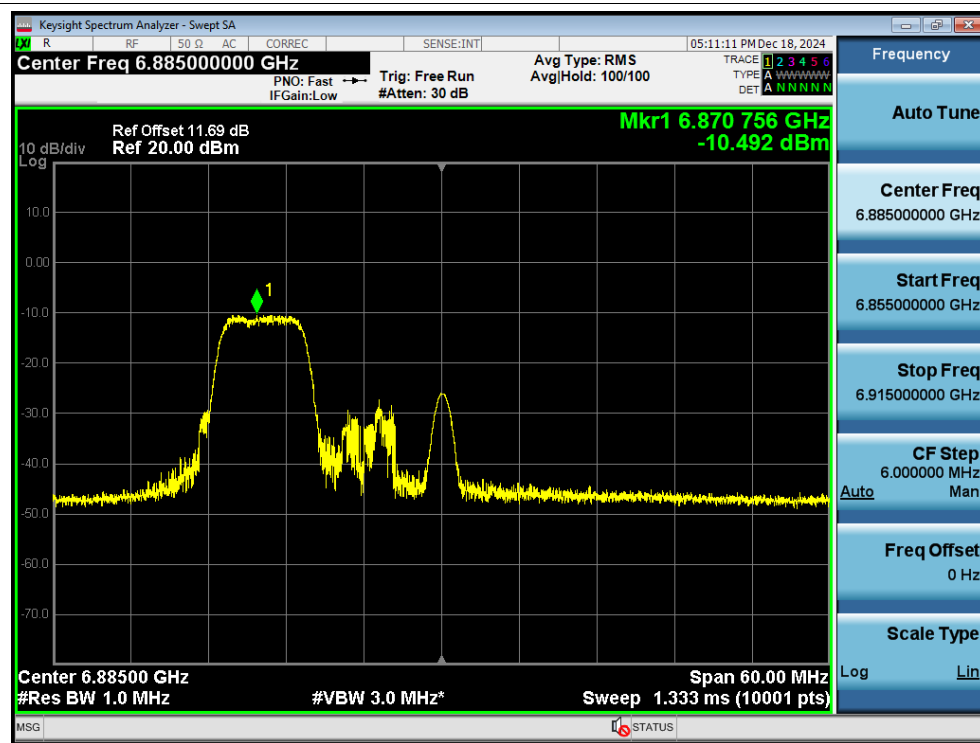
PSD 802.11be EHT160 996+484-Tones HIGH 6985MHz Ant2



PSD 802.11be EHT40 52+26-Tones LOW 6885MHz Ant1



PSD 802.11be EHT40 52+26-Tones LOW 6885MHz Ant2



5.4. Frequency Stability

Ambient Condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

- The EUT was placed inside the environmental test chamber and powered by nominal AC voltage.
- Turn the EUT on and couple its output to a spectrum analyzer.
- Turn the EUT off and set the chamber to the highest temperature specified.
- Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
- Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
- The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

Limit

The frequency of the carrier signal shall be maintained within band of operation.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 2$, $U = 936\text{Hz}$

Test Results

Voltage (V)	Temperature (°C)	Test Results			
		6175 MHz			
		1min	2min	5min	10min
8	-30	6175.008776	6175.002214	6174.996763	6174.990419
8	-20	6175.001175	6174.998277	6174.993463	6174.989736
8	-10	6175.002539	6174.990539	6174.989127	6174.985619
8	0	6174.992866	6174.982487	6174.984578	6174.980255
8	10	6174.989331	6174.979055	6174.981613	6174.979223
8	20	6174.985214	6174.977895	6174.971779	6174.970753
8	30	6174.976113	6174.974438	6174.966143	6174.970121
8	40	6174.974453	6174.965546	6174.957753	6174.963060
8	50	6174.972030	6174.961850	6174.952015	6174.961157
7.4	20	6174.970253	6174.956857	6174.948939	6174.952845
8.9	20	6174.965907	6174.952380	6174.941773	6174.947100
MHz		-0.034093	-0.047620	-0.058227	-0.052900
PPM		-5.521134	-7.711741	-9.429474	-8.566802

Voltage (V)	Temperature (°C)	Test Results			
		6475 MHz			
		1min	2min	5min	10min
8	-30	6474.995593	6474.994938	6474.992336	6474.992132
8	-20	6474.990466	6474.989878	6474.987726	6474.982641
8	-10	6474.988810	6474.985496	6474.980496	6474.973326
8	0	6474.982461	6474.984827	6474.970813	6474.971691
8	10	6474.981951	6474.983609	6474.967772	6474.965891
8	20	6474.978742	6474.980343	6474.965568	6474.962961
8	30	6474.976304	6474.979861	6474.962355	6474.960797
8	40	6474.972540	6474.970305	6474.959931	6474.954487
8	50	6474.965508	6474.961769	6474.957087	6474.947977
7.4	20	6474.959180	6474.960366	6474.951873	6474.947168
8.9	20	6474.949313	6474.953206	6474.947232	6474.938084
MHz		-0.050687	-0.046794	-0.052768	-0.061916
PPM		-7.828144	-7.226884	-8.149523	-9.562352

Voltage (V)	Temperature (°C)	Test Results			
		6695 MHz			
		1min	2min	5min	10min
8	-30	6695.005785	6695.005014	6694.998883	6694.996175
8	-20	6694.996448	6694.989320	6694.985777	6694.985675
8	-10	6694.992023	6694.981750	6694.980632	6694.980862
8	0	6694.990198	6694.979445	6694.976370	6694.975585
8	10	6694.986655	6694.973289	6694.975867	6694.973906
8	20	6694.978725	6694.968754	6694.972640	6694.971739
8	30	6694.978417	6694.965300	6694.963967	6694.962647
8	40	6694.975241	6694.958514	6694.960369	6694.954472
8	50	6694.970498	6694.950095	6694.954083	6694.946252
7.4	20	6694.963936	6694.946568	6694.949494	6694.942361
8.9	20	6694.960986	6694.946487	6694.946521	6694.935041
MHz		-0.039014	-0.053513	-0.053479	-0.064959
PPM		-5.827334	-7.992980	-7.987901	-9.702614

Voltage (V)	Temperature (°C)	Test Results			
		6995 MHz			
		1min	2min	5min	10min
8	-30	6995.000662	6994.994893	6994.987273	6994.983367
8	-20	6995.006200	6995.000698	6994.996365	6994.992771
8	-10	6994.998784	6994.998283	6994.987111	6994.987541
8	0	6994.990119	6994.991272	6994.984766	6994.980801
8	10	6994.986681	6994.983721	6994.979223	6994.976135
8	20	6994.978977	6994.976111	6994.977300	6994.968140
8	30	6994.975399	6994.968678	6994.969259	6994.959449
8	40	6994.968041	6994.960902	6994.969218	6994.956722
8	50	6994.960263	6994.959612	6994.959461	6994.953037
7.4	20	6994.958203	6994.950784	6994.954356	6994.952087
8.9	20	6994.951204	6994.941616	6994.950871	6994.948264
MHz		-0.048796	-0.058384	-0.049129	-0.051736
PPM		-6.975840	-8.346533	-7.023445	-7.396140

5.5. In-Band Emission (Mask)

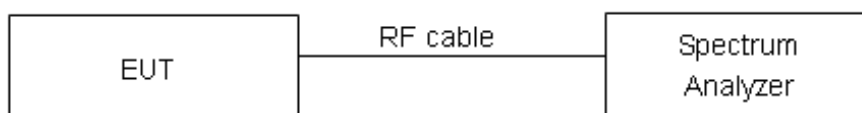
Ambient Condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

1. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
2. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10. (Determine the channel edge.)
3. Measure the power spectral density (for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
4. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
 - b) Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
5. Adjust the span to encompass the entire mask as necessary and clear trace.
6. Trace average at least 100 traces in power averaging (rms) mode.
7. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

Test Setup



Limits

Test Item	Frequencies (MHz)	(X) dBc ^{*1}
Emission Mask	At 1 MHz outside of channel edge	20
	At one channel bandwidth from the channel center ^{*2}	28
	t one- and one-half times the channel bandwidth away from channel center ^{*3}	40
	More than one- and one-half times the channel bandwidth	40

*1: The power spectral density must be suppressed by “x” dB

*2: At frequencies between one megahertz outside an unlicensed device’s channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression,

3: At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.