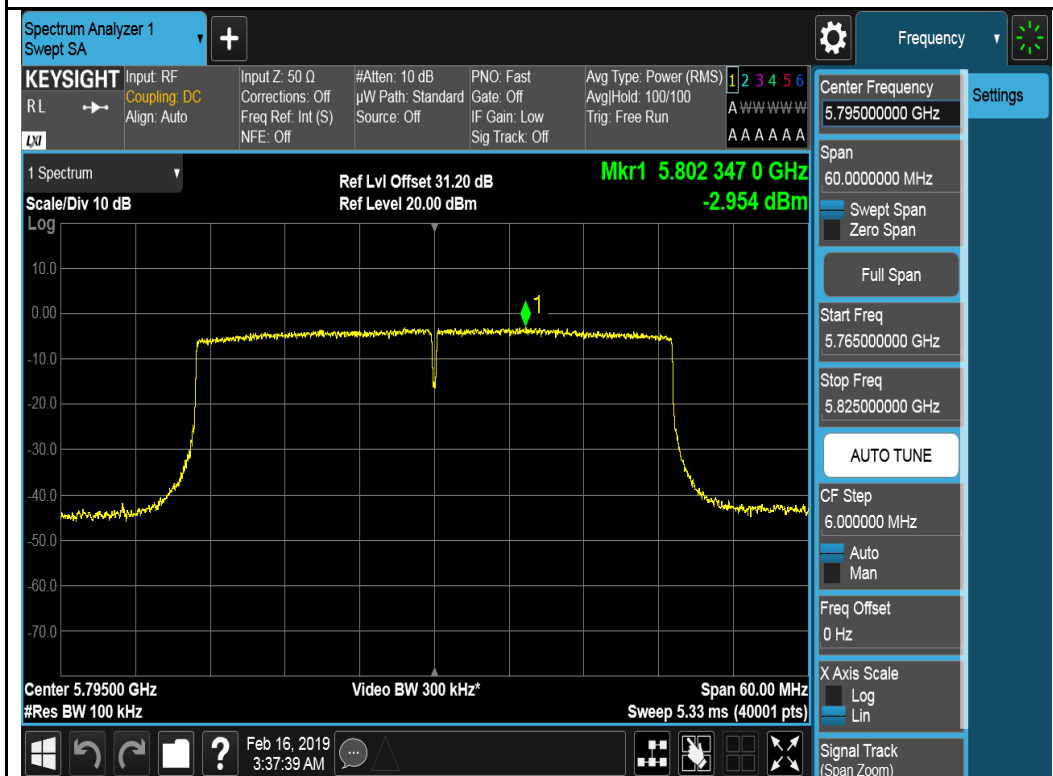
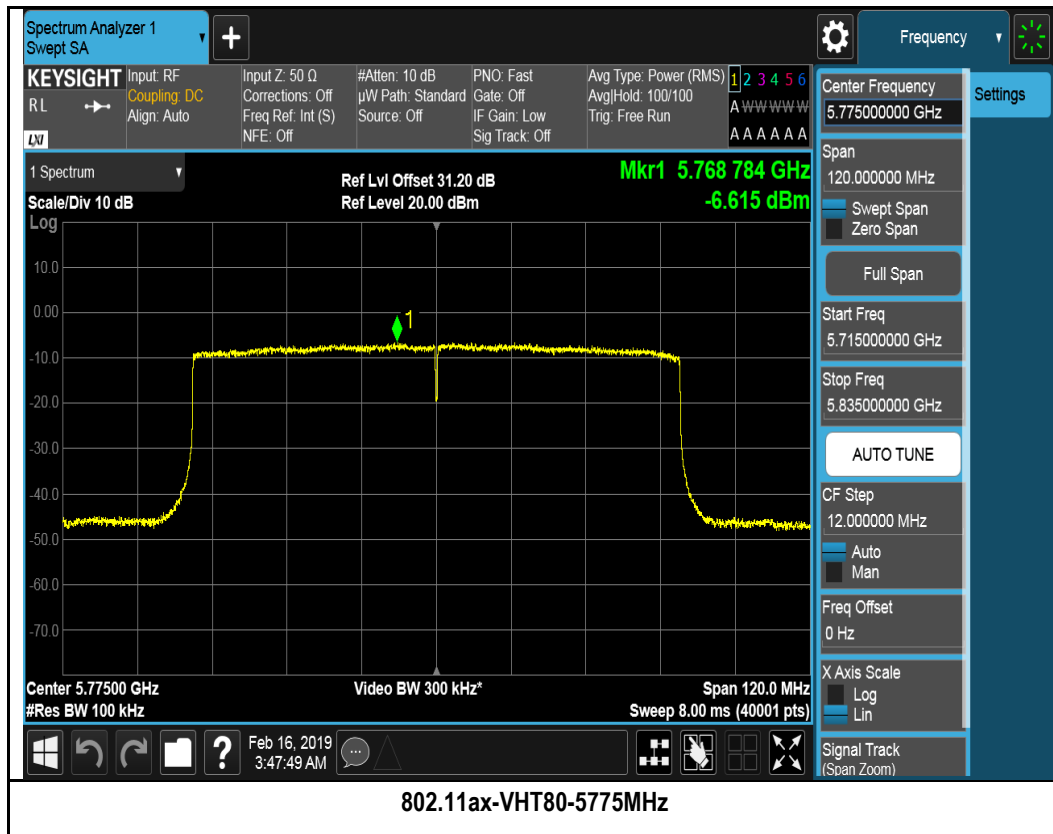


802.11ax-H420-5755MHz

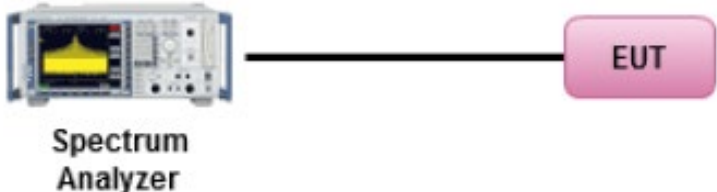


802.11ax-H420-5795MHz



10.6 Band Edge and Emission Mask Measurement

Requirement(s):

Spec	Item	Requirement	Applicable
47CFR§ 15.407(b)(1), 15.407(b)(4)	(1)	For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.	<input checked="" type="checkbox"/>
	(4)(i)	For transmitters operating in the 5.725-5.825 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	<input checked="" type="checkbox"/>
Test Setup	 <p style="text-align: center;">Spectrum Analyzer EUT</p>		
Procedure	789033 D02 General U-NII Test Procedures New Rules v02r01, II.F. Method SA-1 <u>Band Edge measurement:</u> <ul style="list-style-type: none"> - For average emissions measurements, follow the procedures described in section II.G.6., "Procedures for Average Unwanted Emissions Measurements above 1000 MHz", except for the following changes: - Set RBW=100kHz - Set VBW=300kHz - Perform a band-power integration across the 1 MHz bandwidth in which the band-edge emission level is to be measured. 		
Remark	Antenna gain was added to the offset.		
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail		

Test Data Yes (See below) N/A

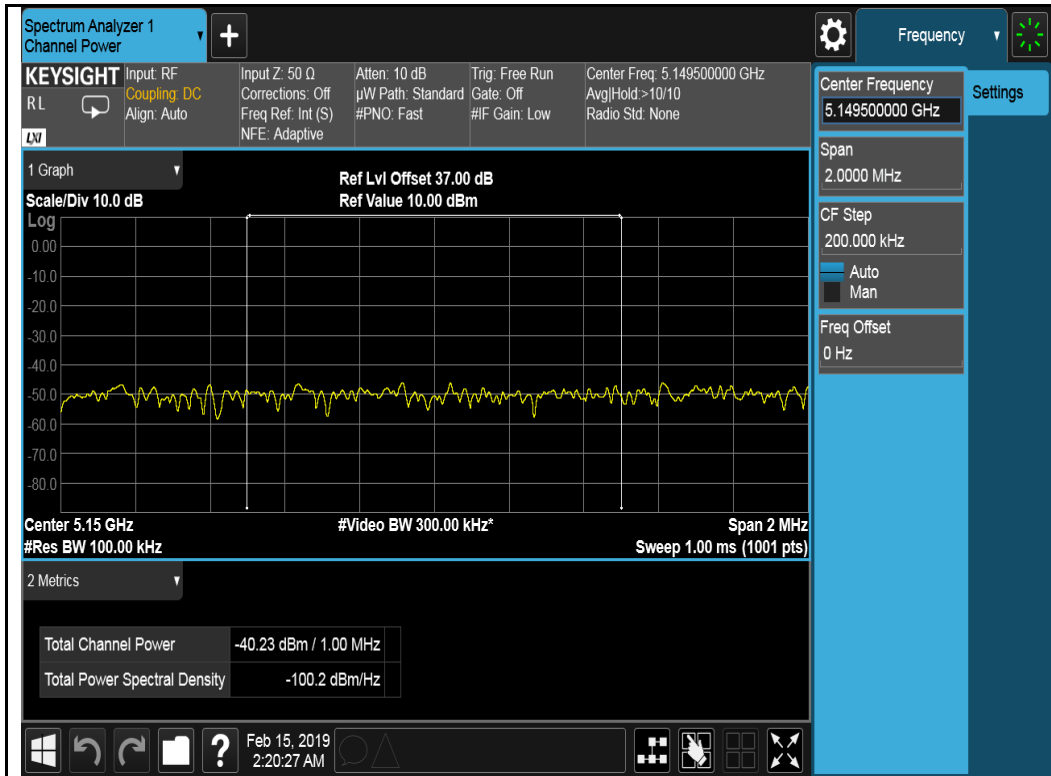
Test Plot Yes (See below) N/A

Test was done by Deon Dai at RF test site.

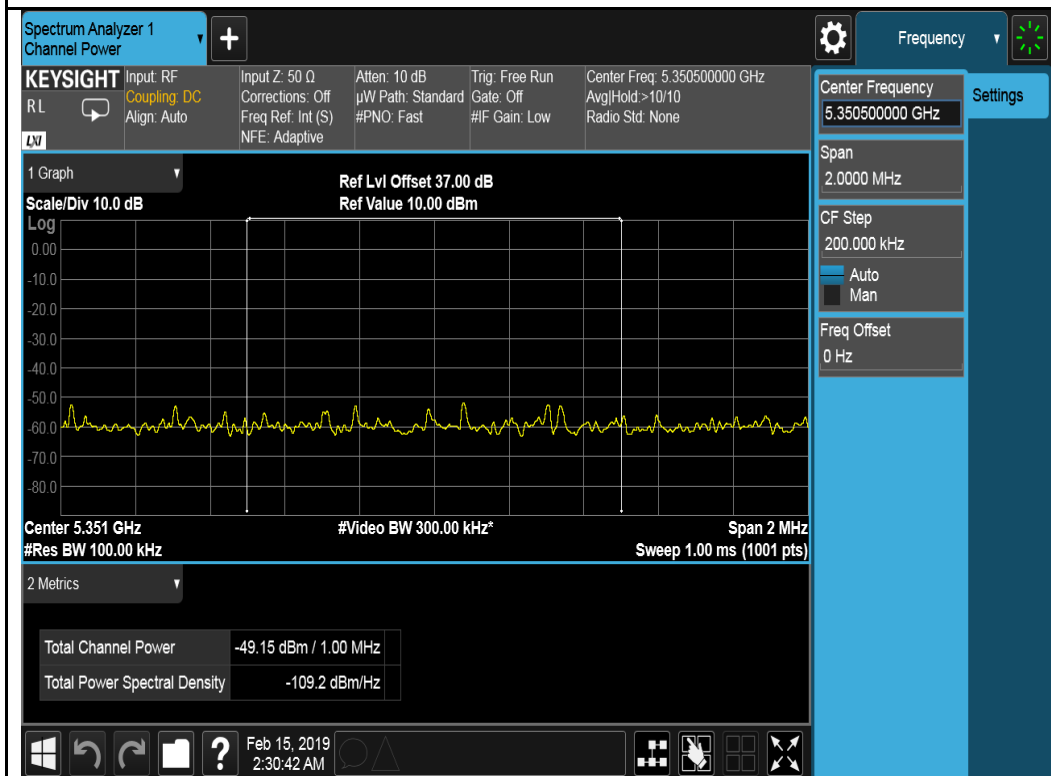
Test Plot for U-NII-1 Band:

Chain 0:

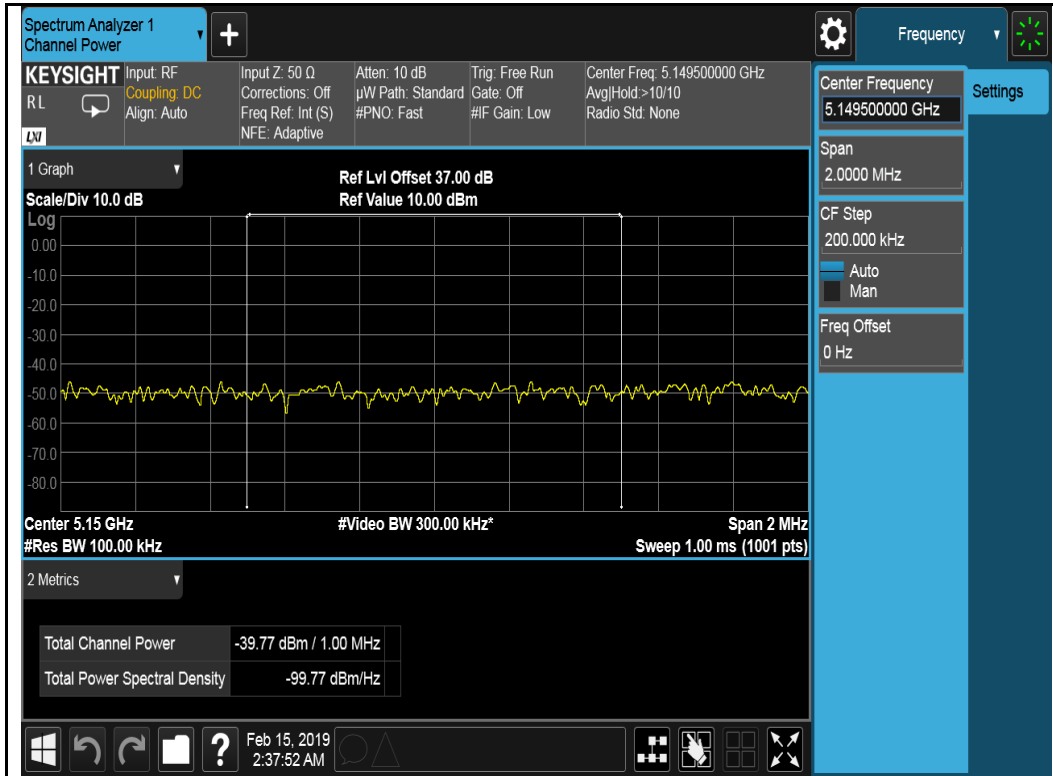




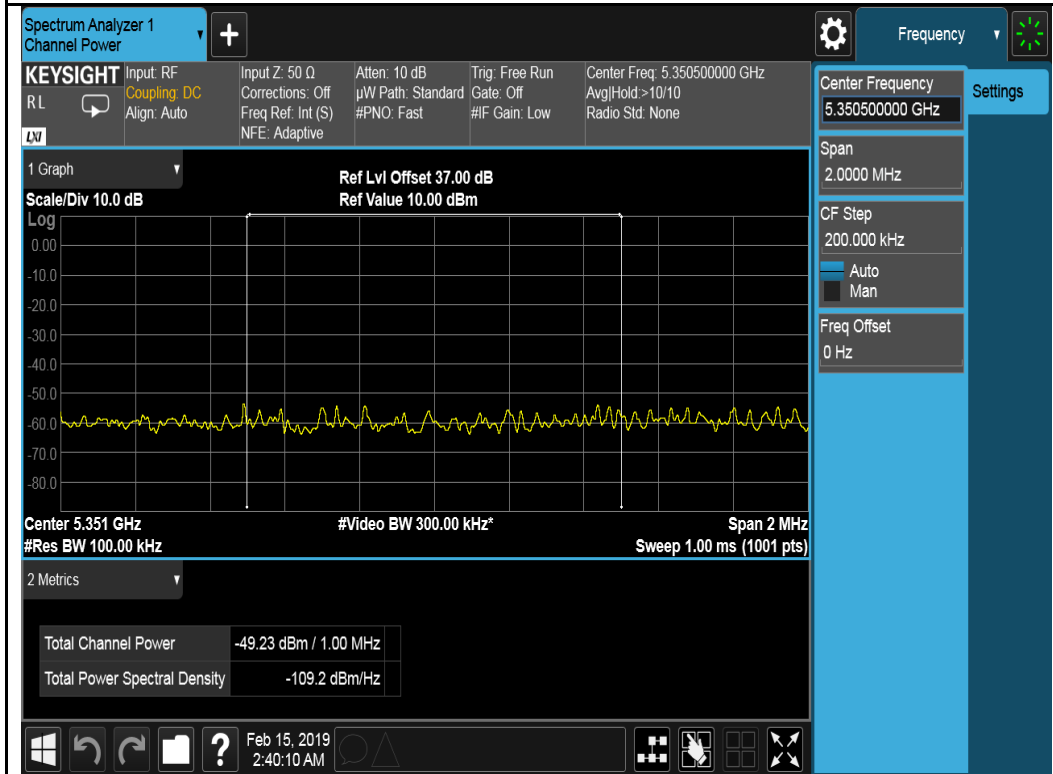
802.11ax-HT20-5180MHz



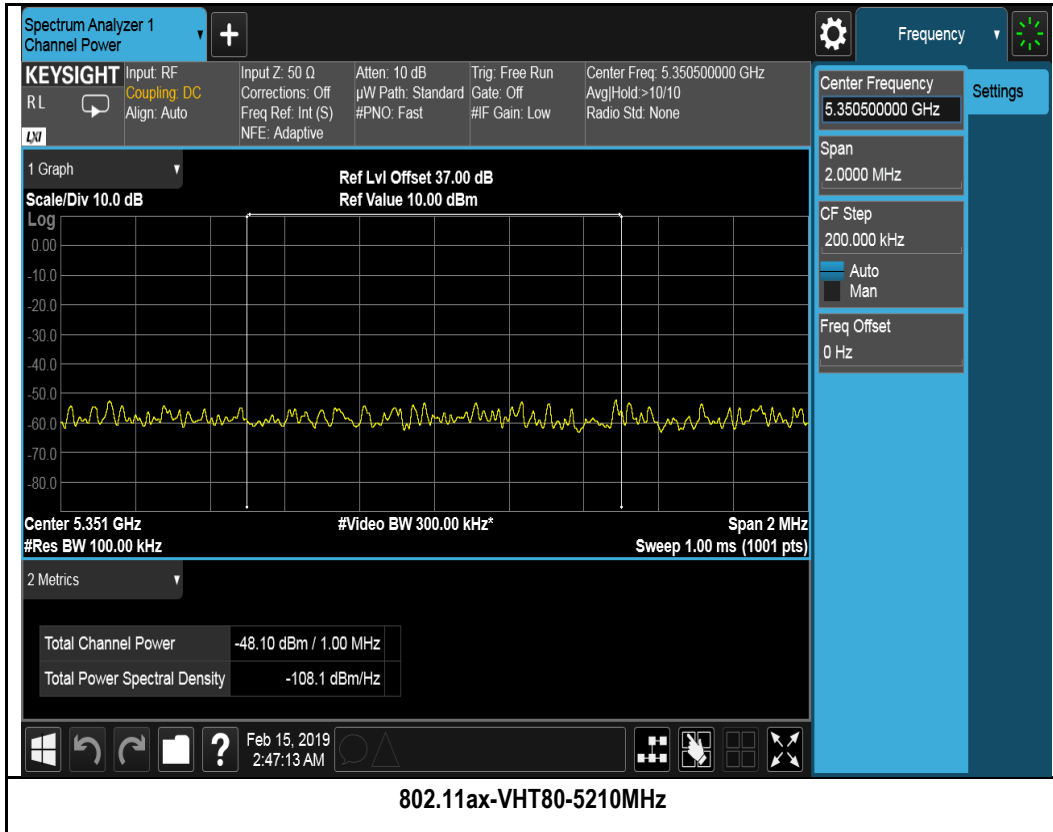
802.11ax-HT20-5240MHz



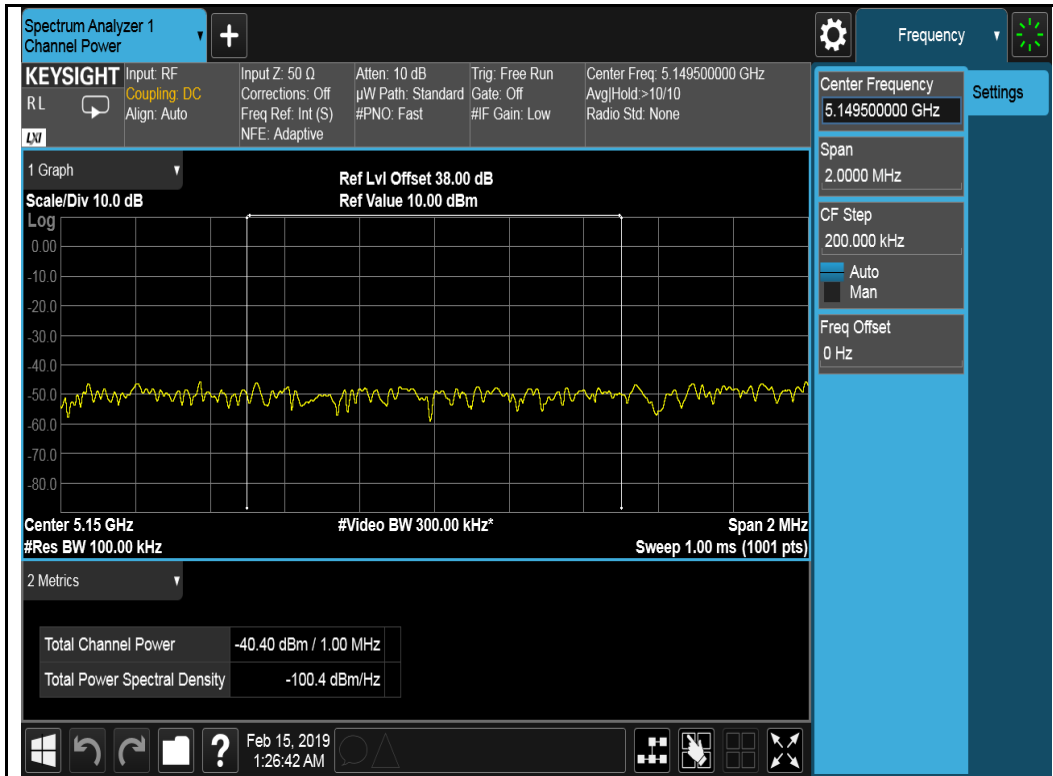
802.11ax-H420-5190MHz



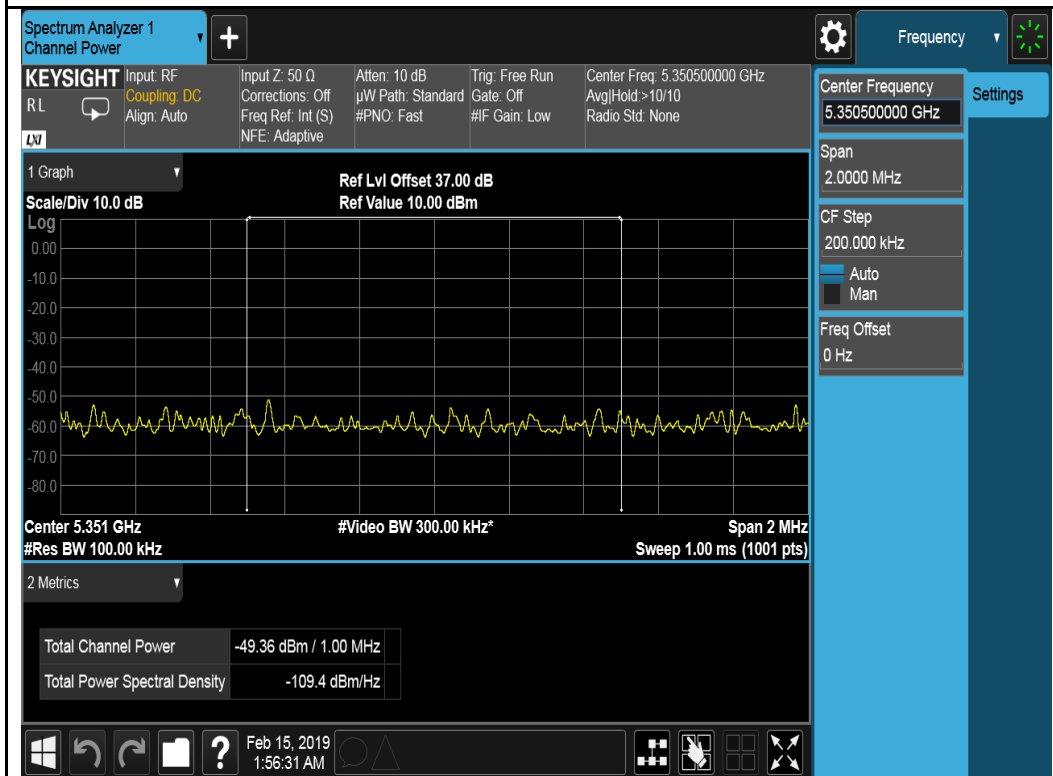
802.11ax-H420-5230MHz



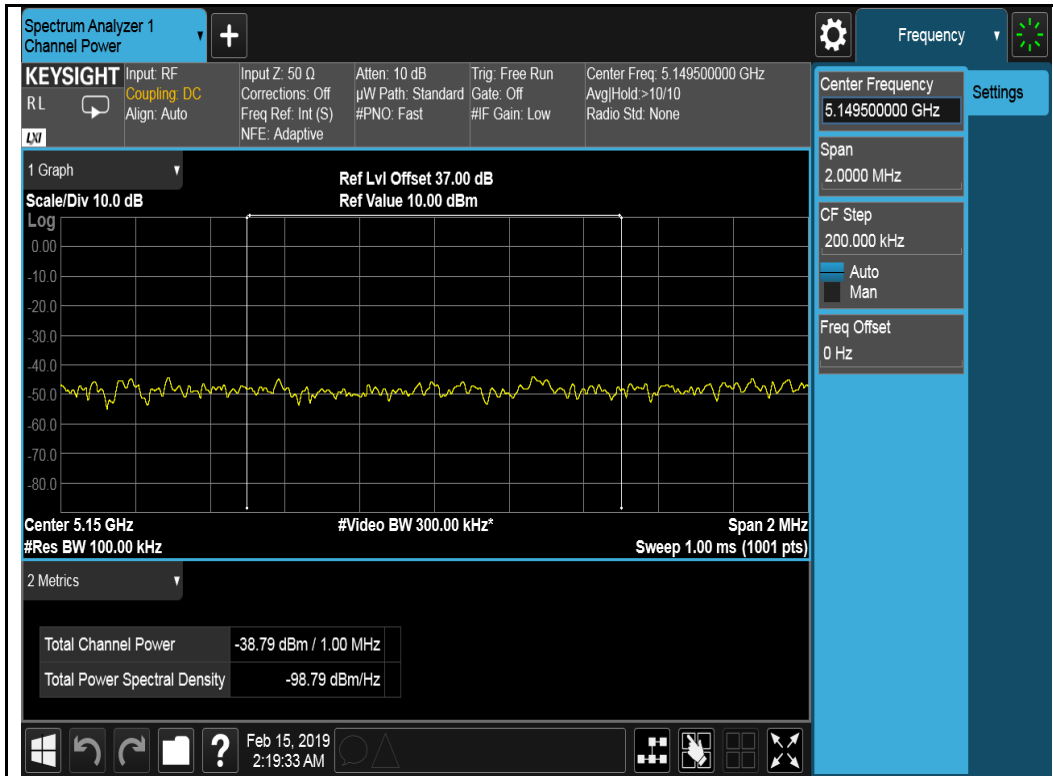
Chain 1:



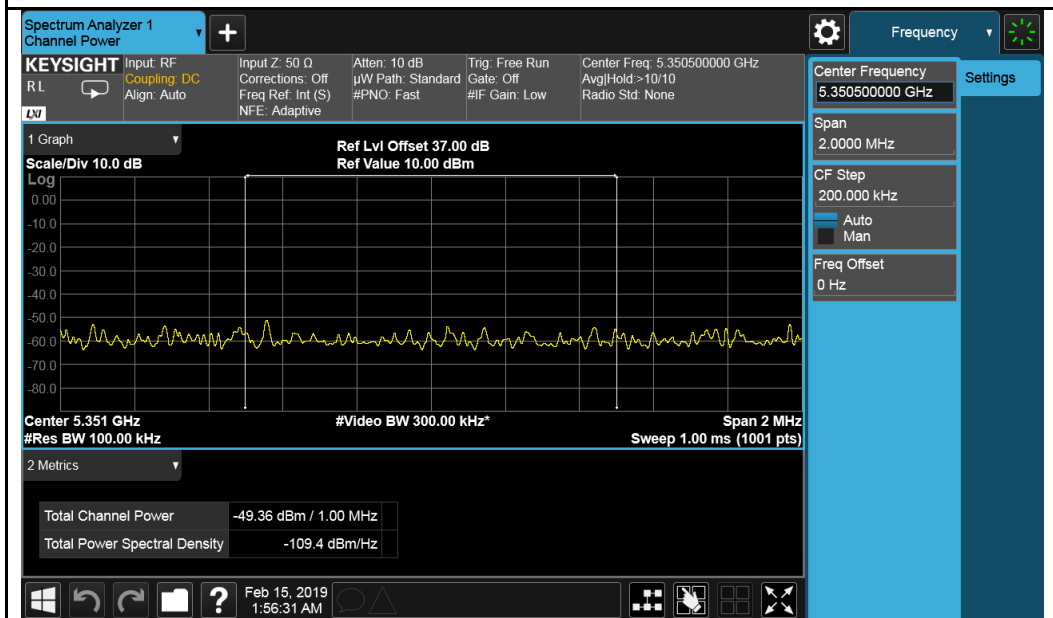
802.11a-5180MHz



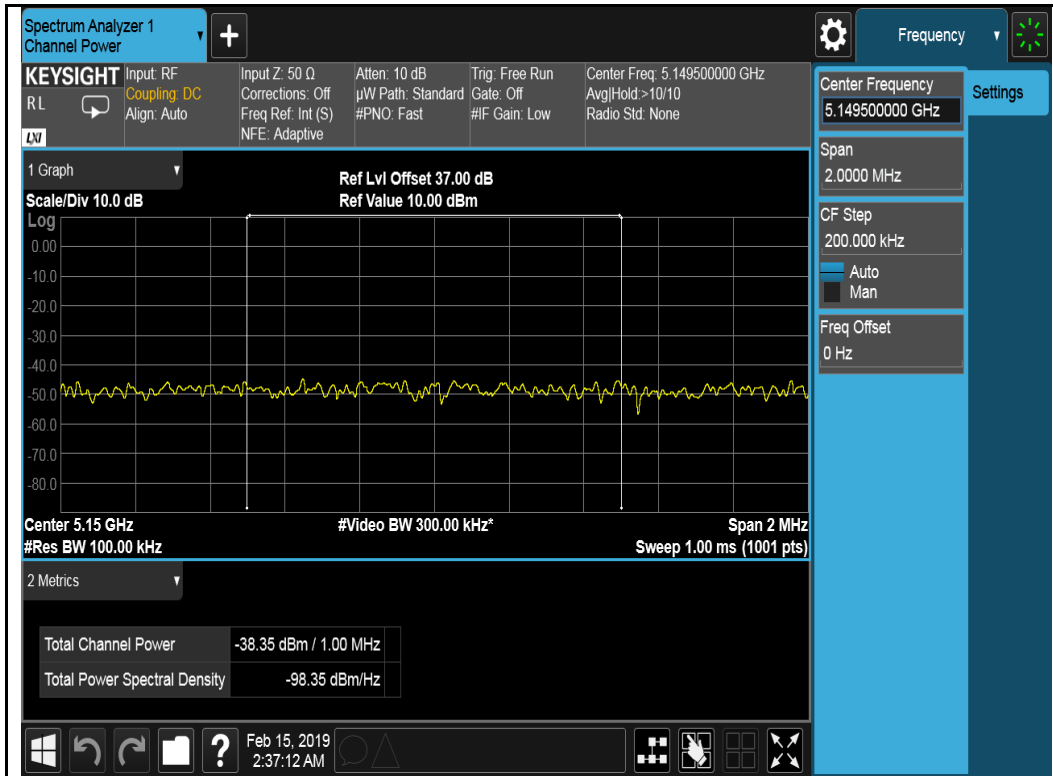
802.11a-5240MHz



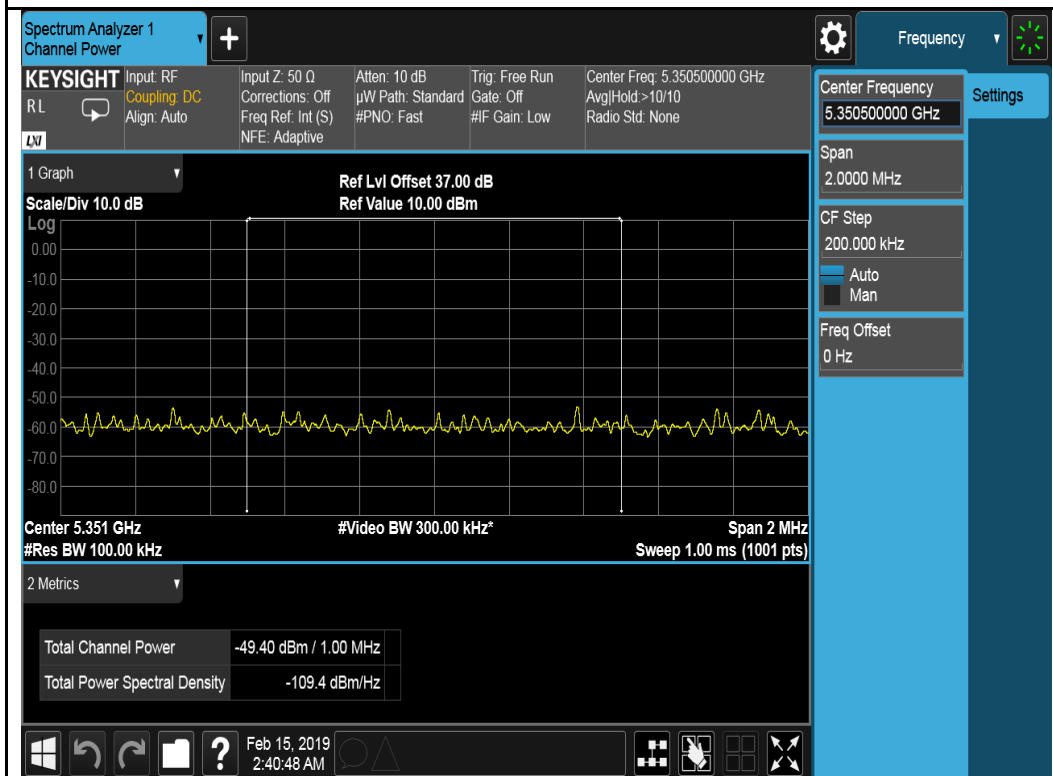
802.11ax-HT20-5180MHz



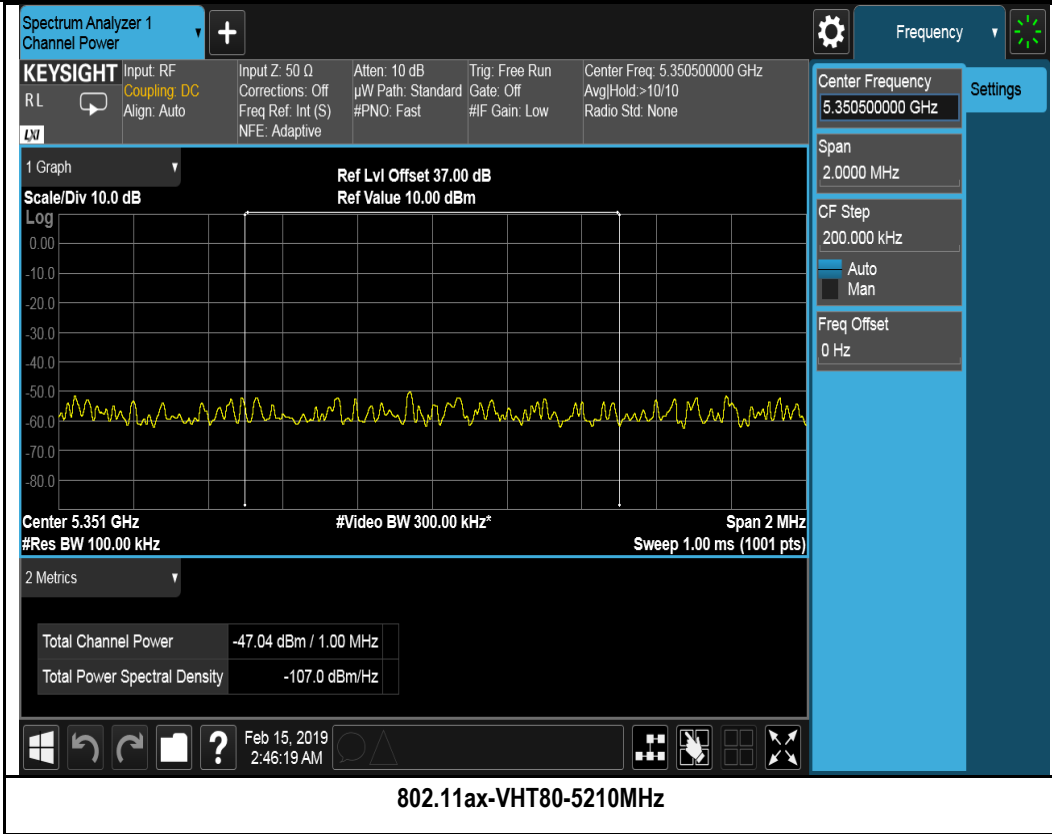
802.11ax-HT20-5240MHz



802.11ax-H420-5190MHz

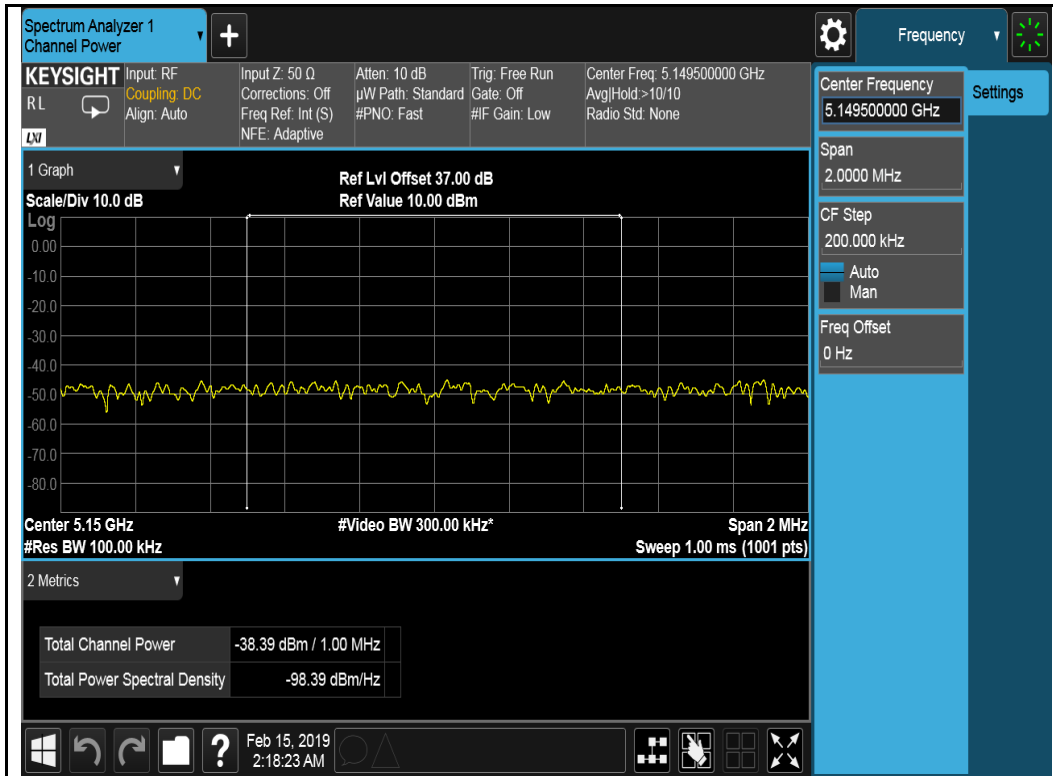


802.11ax-H420-5230MHz

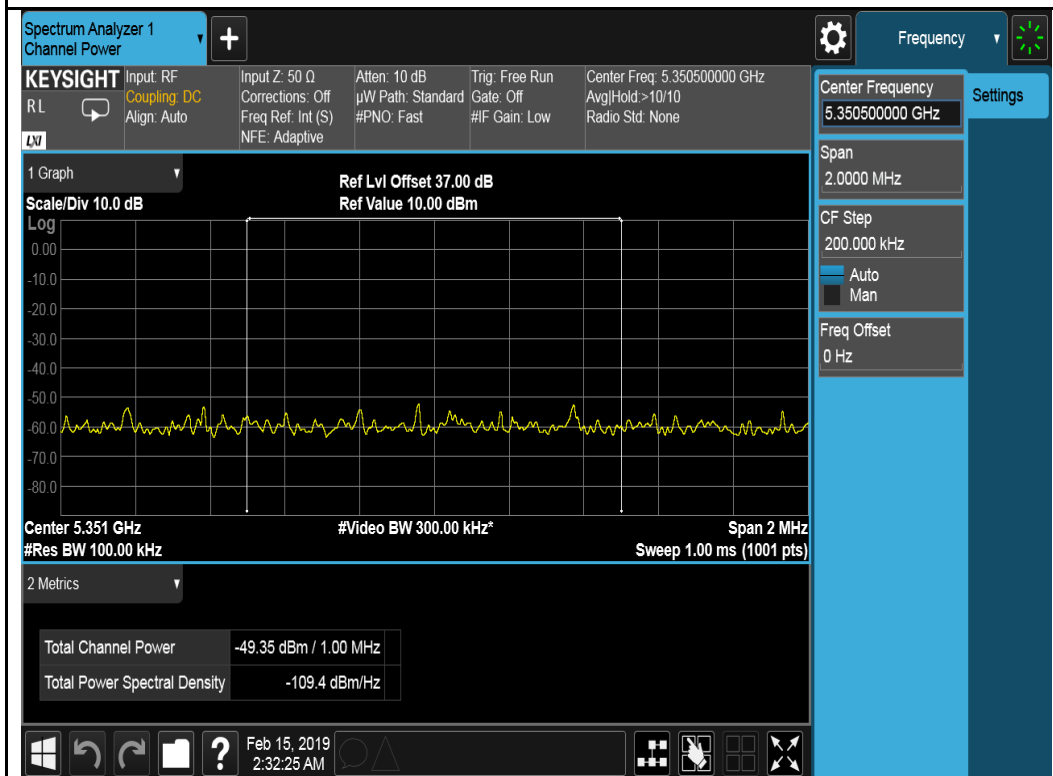


Chain 2:

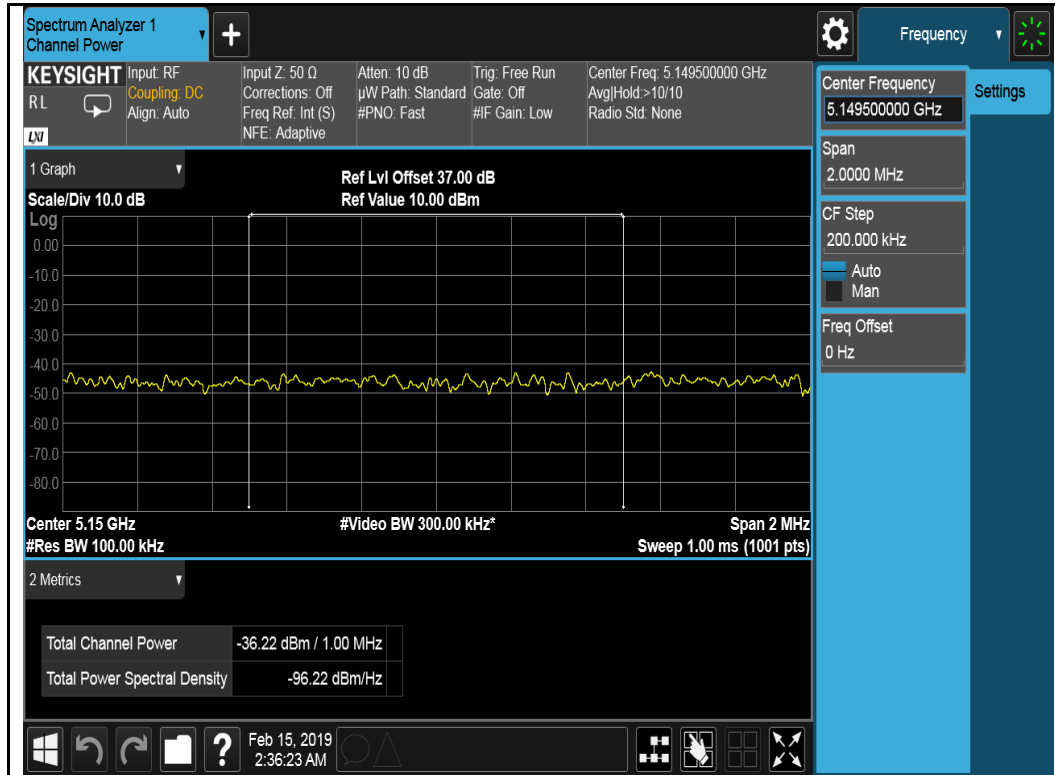




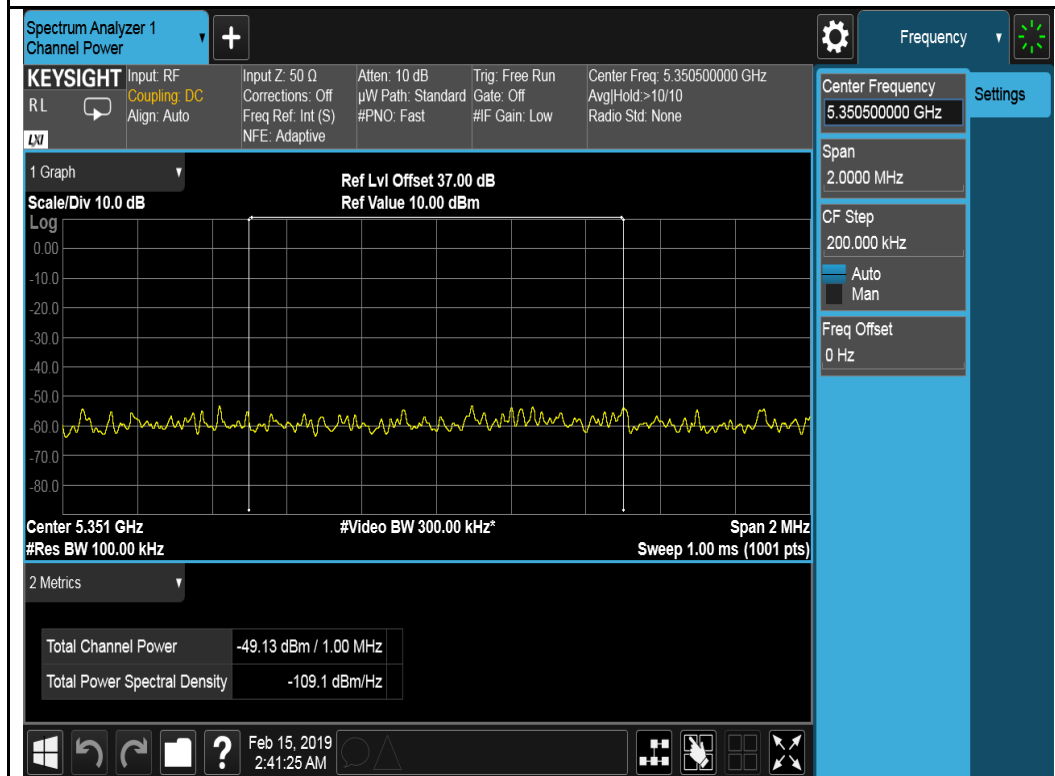
802.11ax-HT20-5180MHz



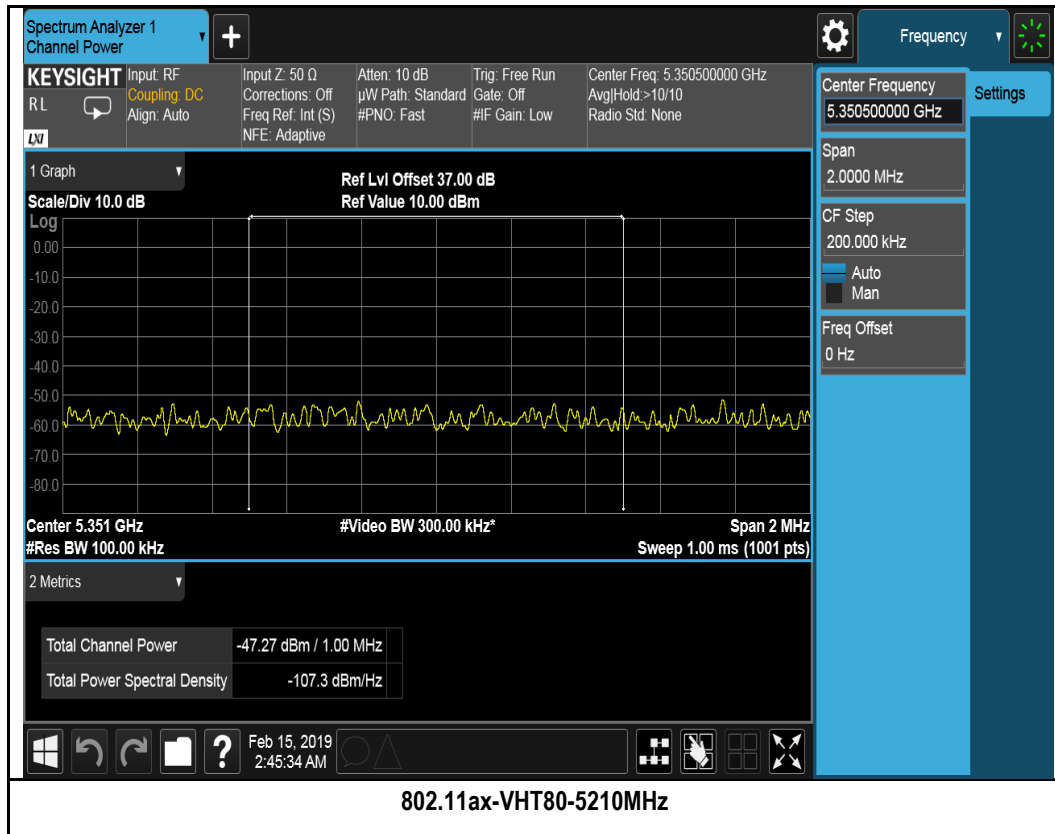
802.11ax-HT20-5240MHz



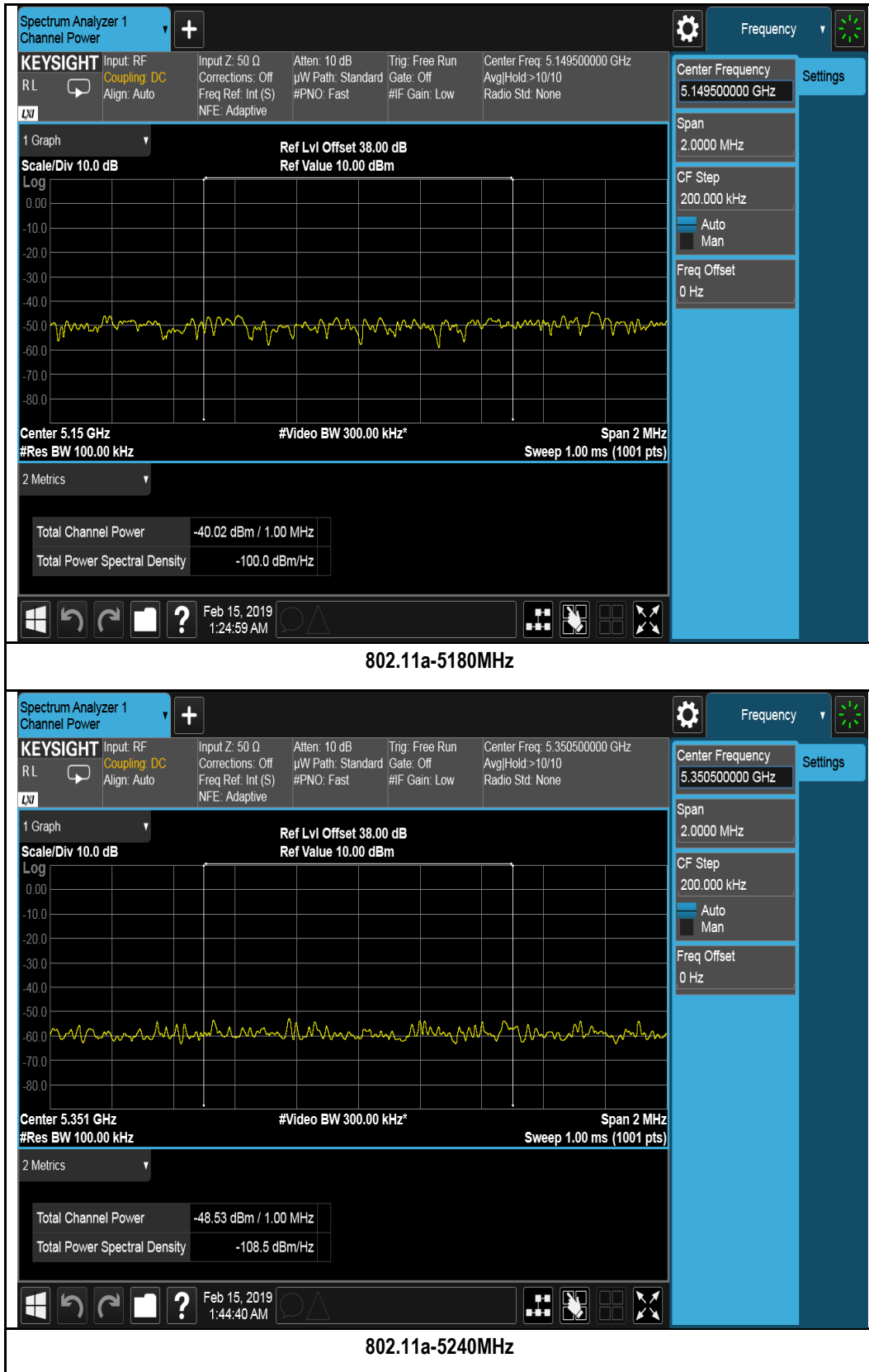
802.11ax-H420-5190MHz

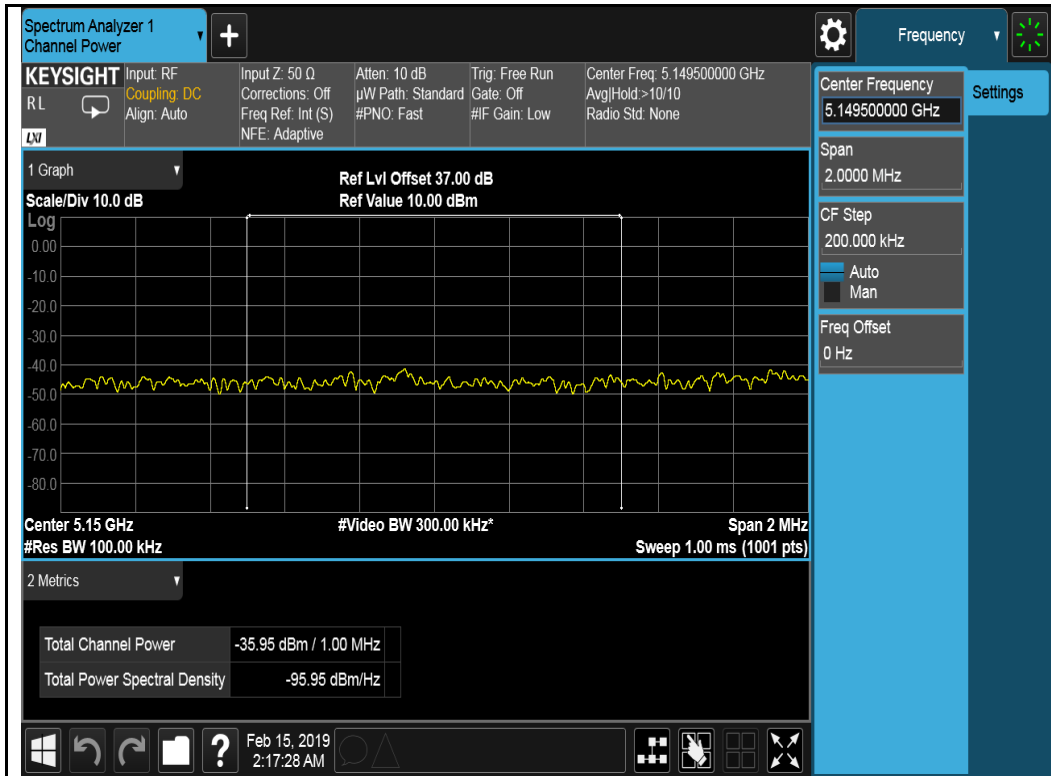


802.11ax-H420-5230MHz

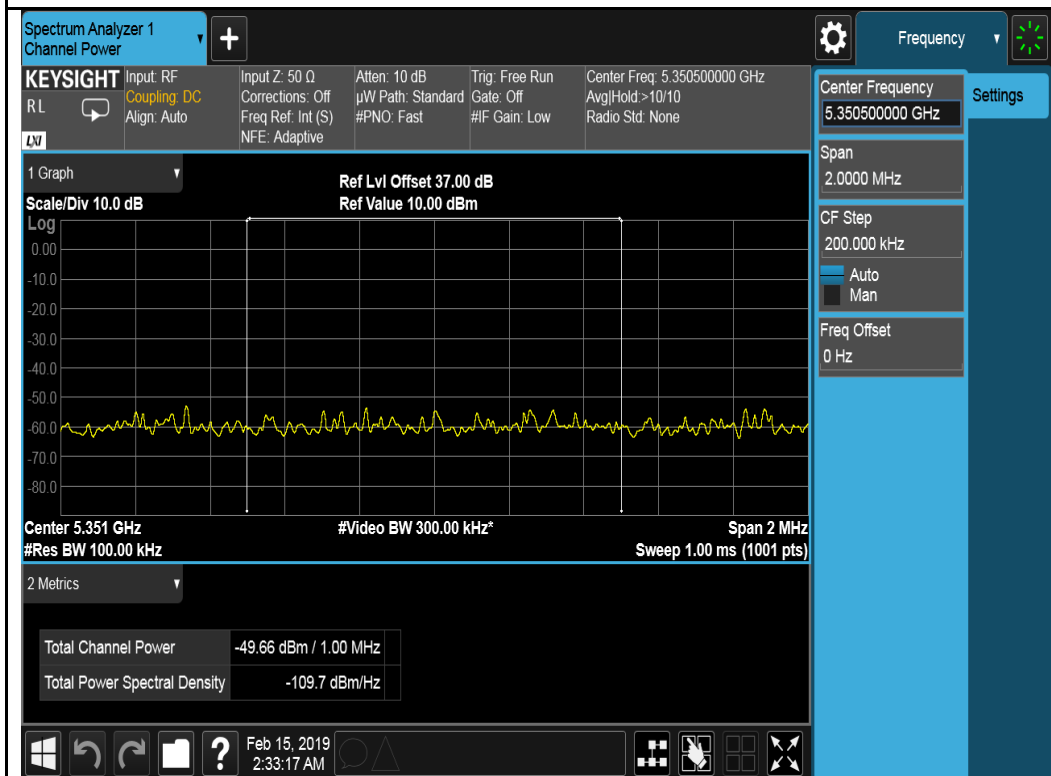


Chain 3:

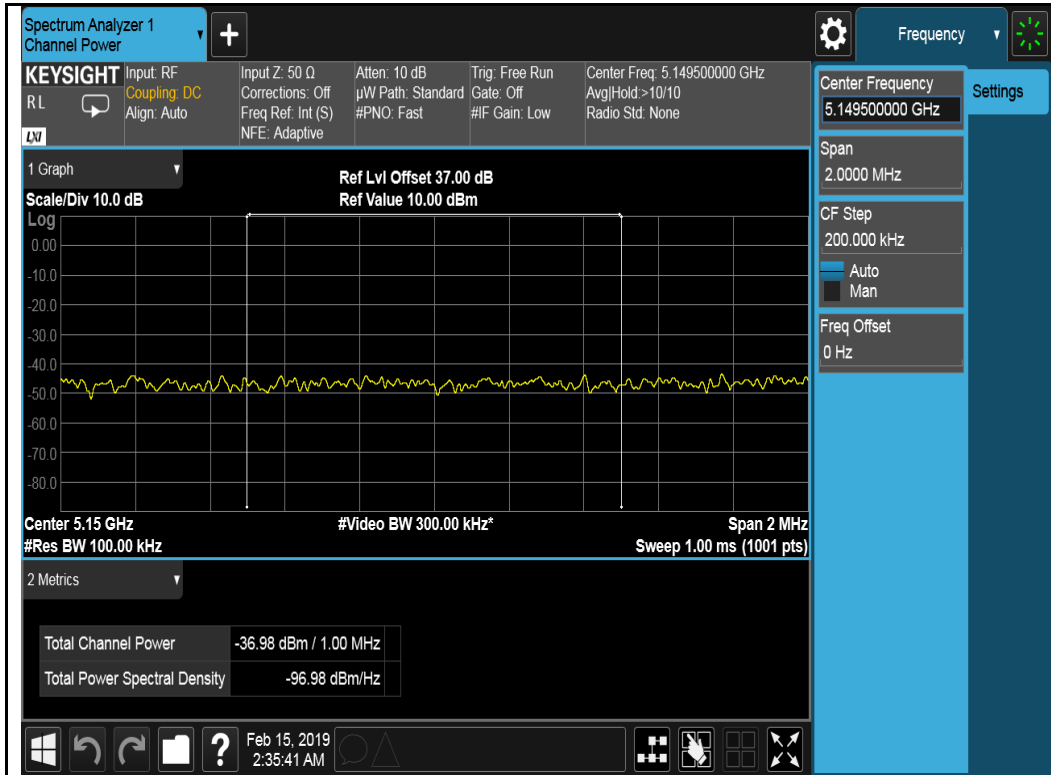




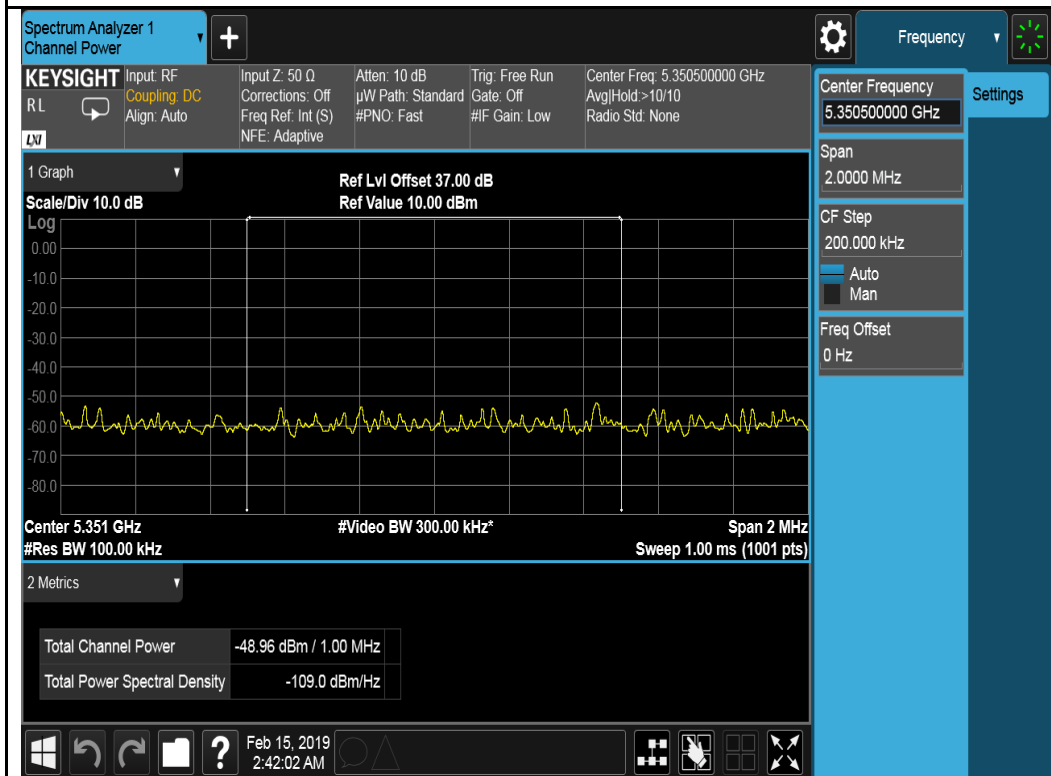
802.11ax-HT20-5180MHz



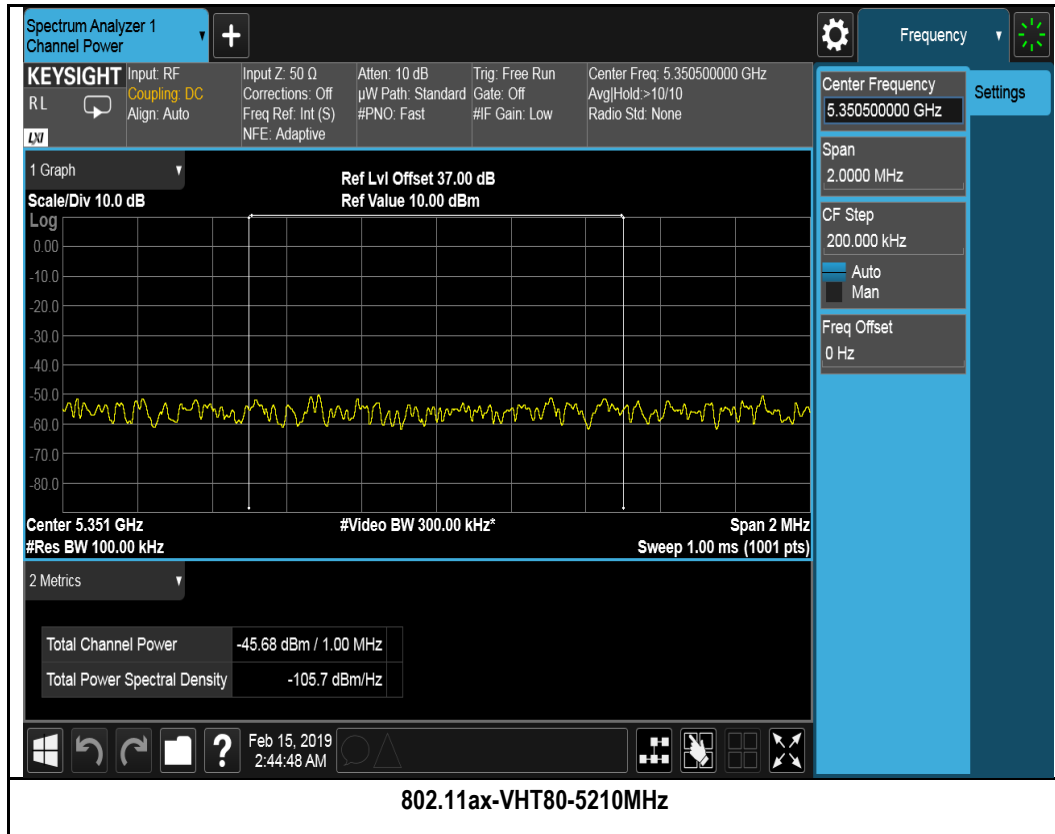
802.11ax-HT20-5240MHz



802.11ax-H420-5190MHz

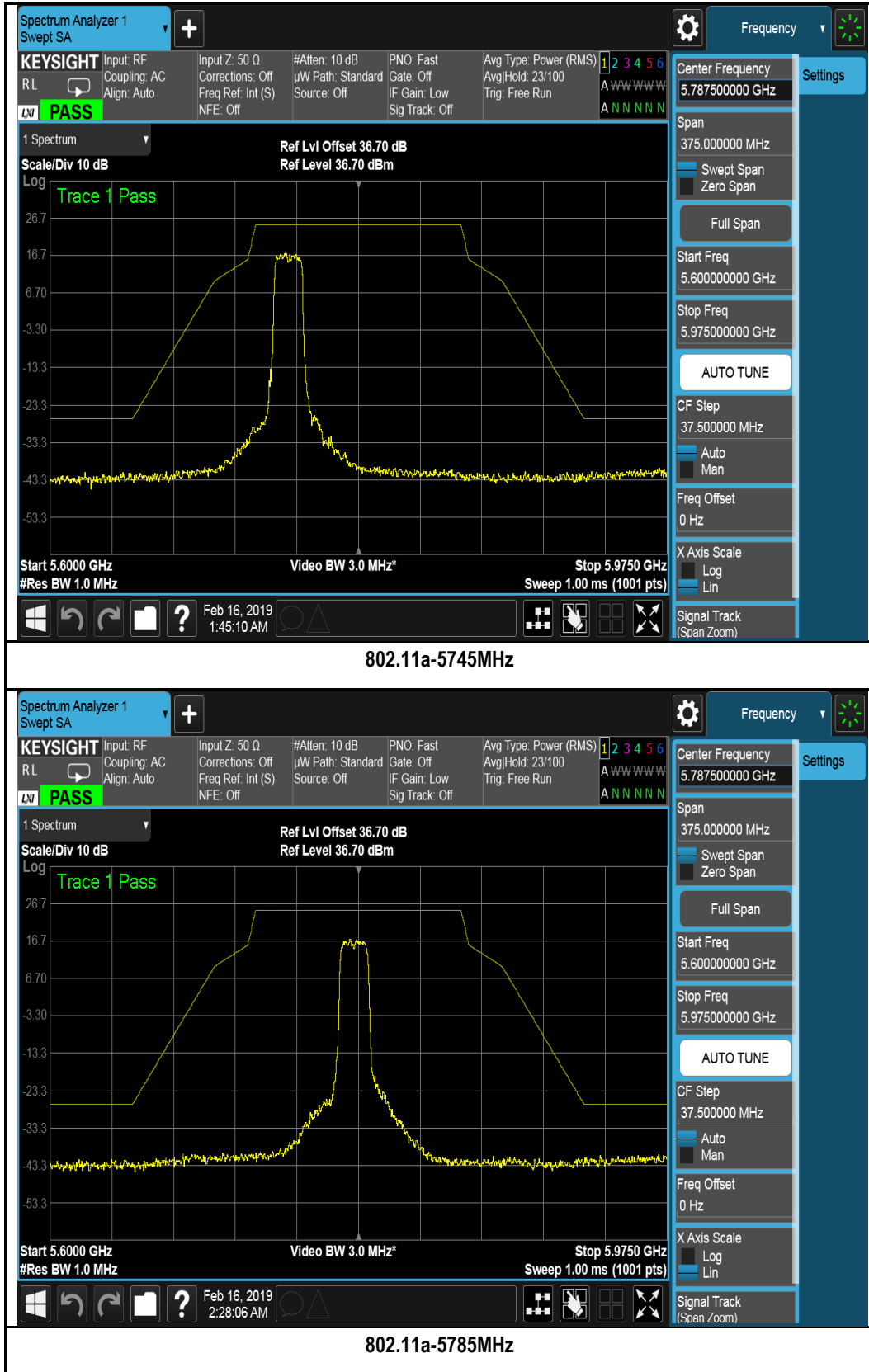


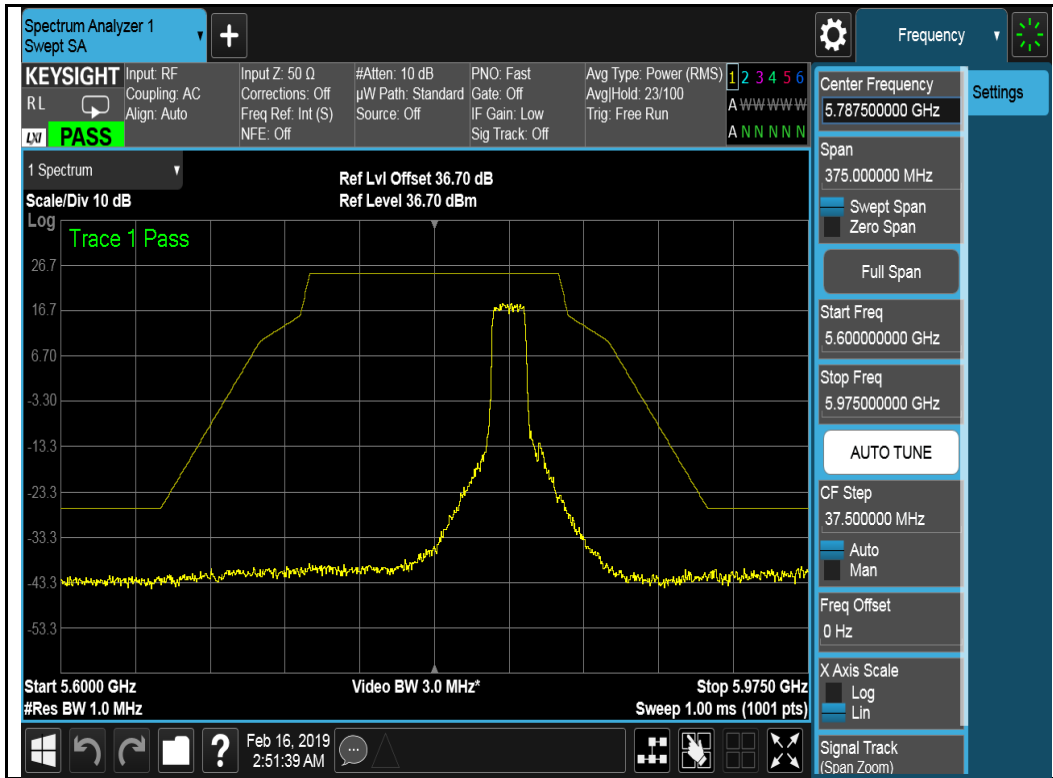
802.11ax-H420-5230MHz



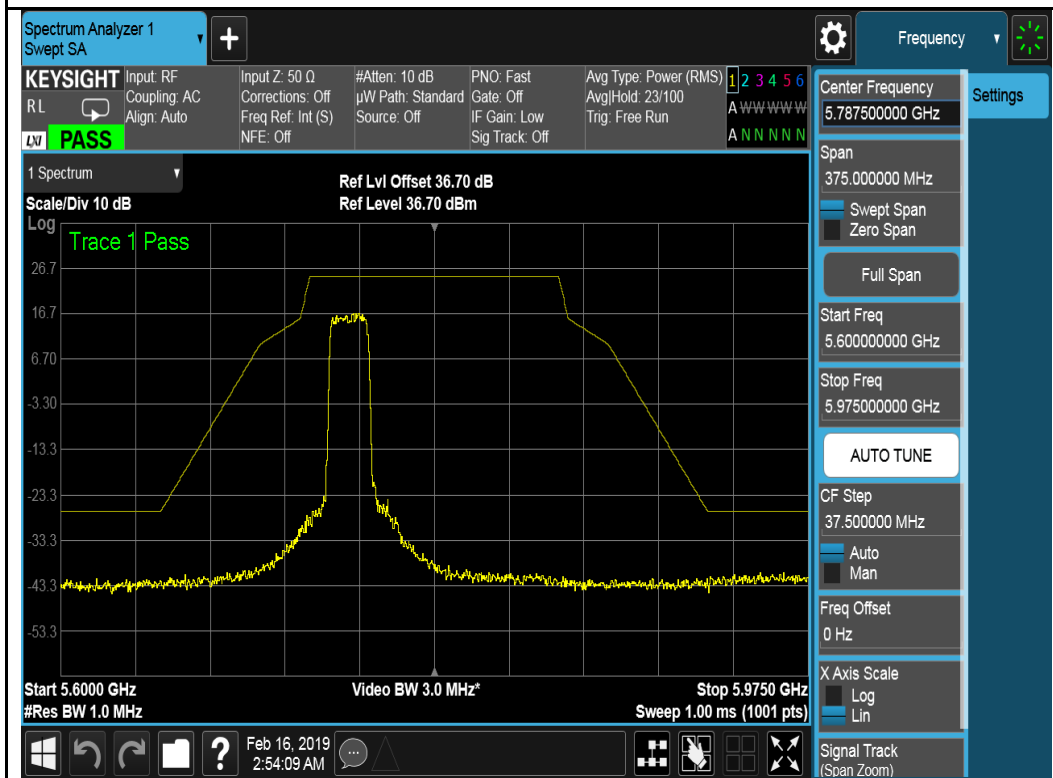
Test Plot for U-NII-3 Band:

Chain 0:

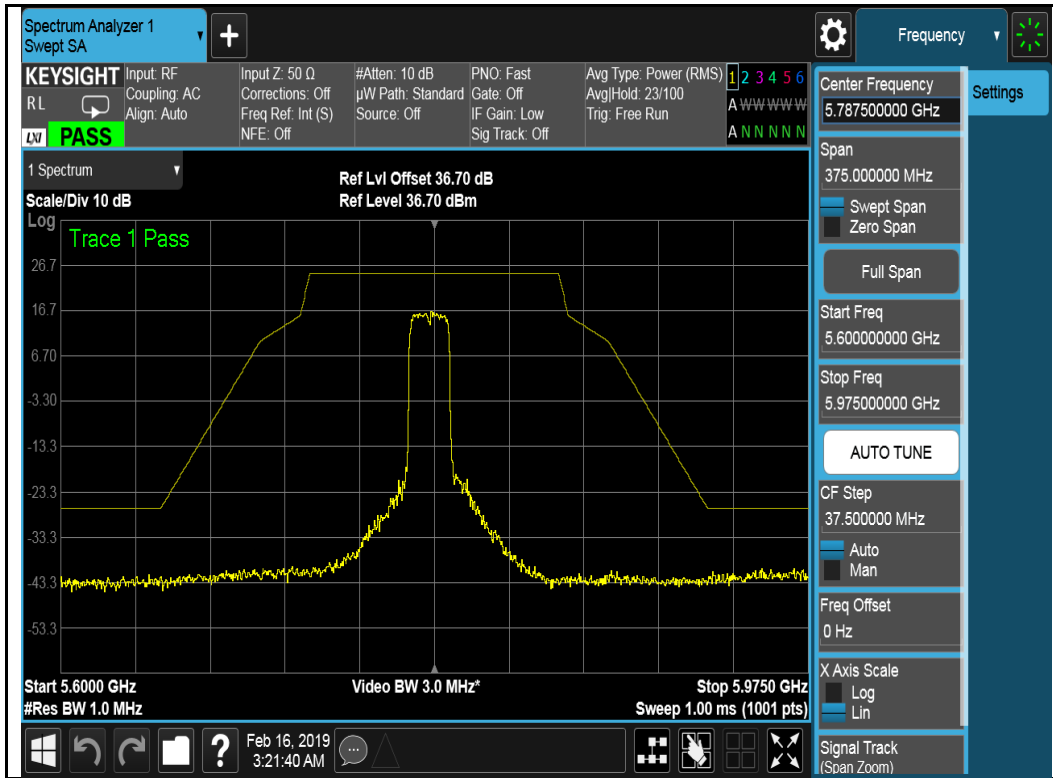




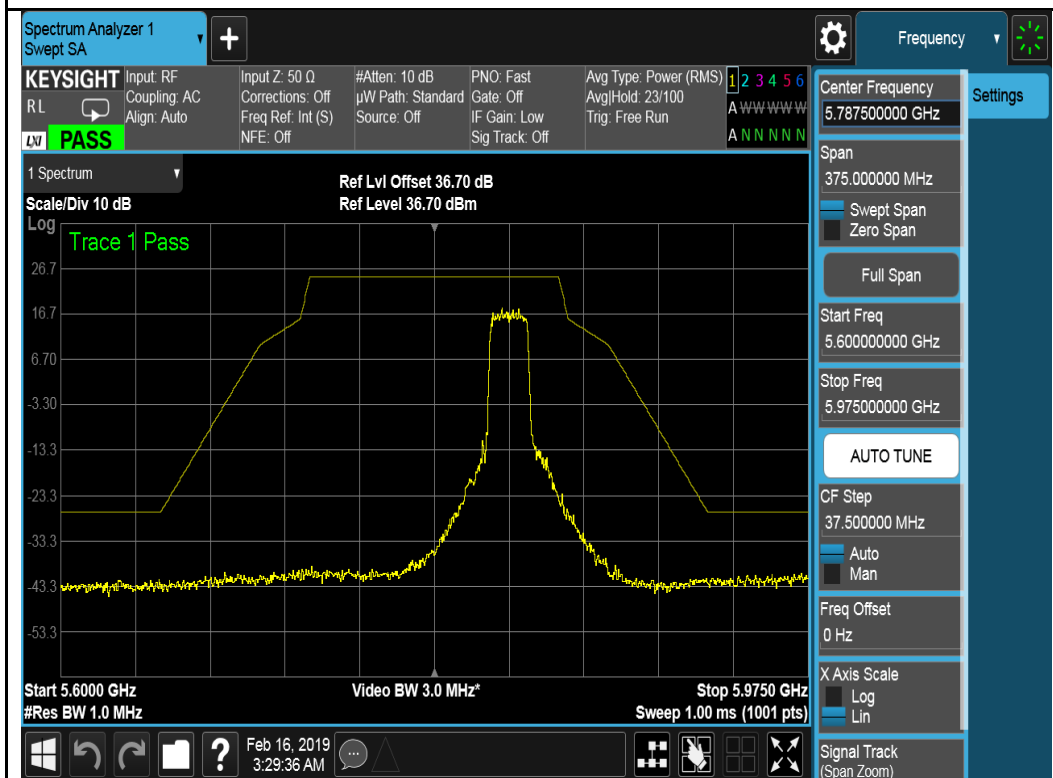
802.11a-5825MHz



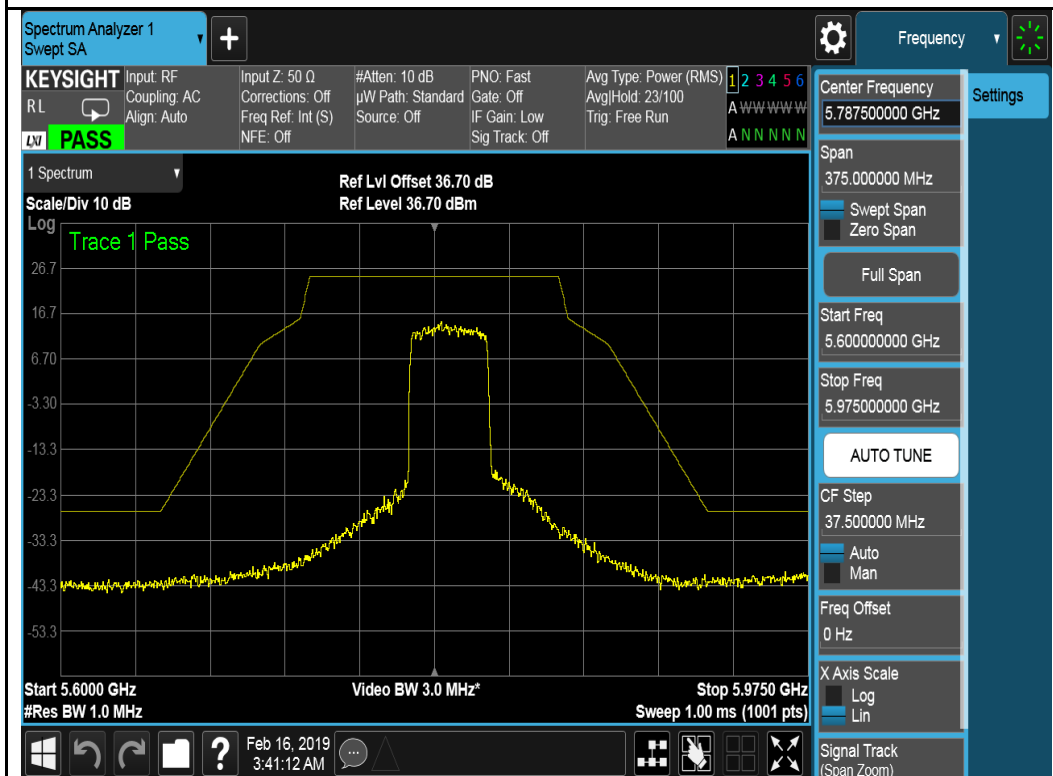
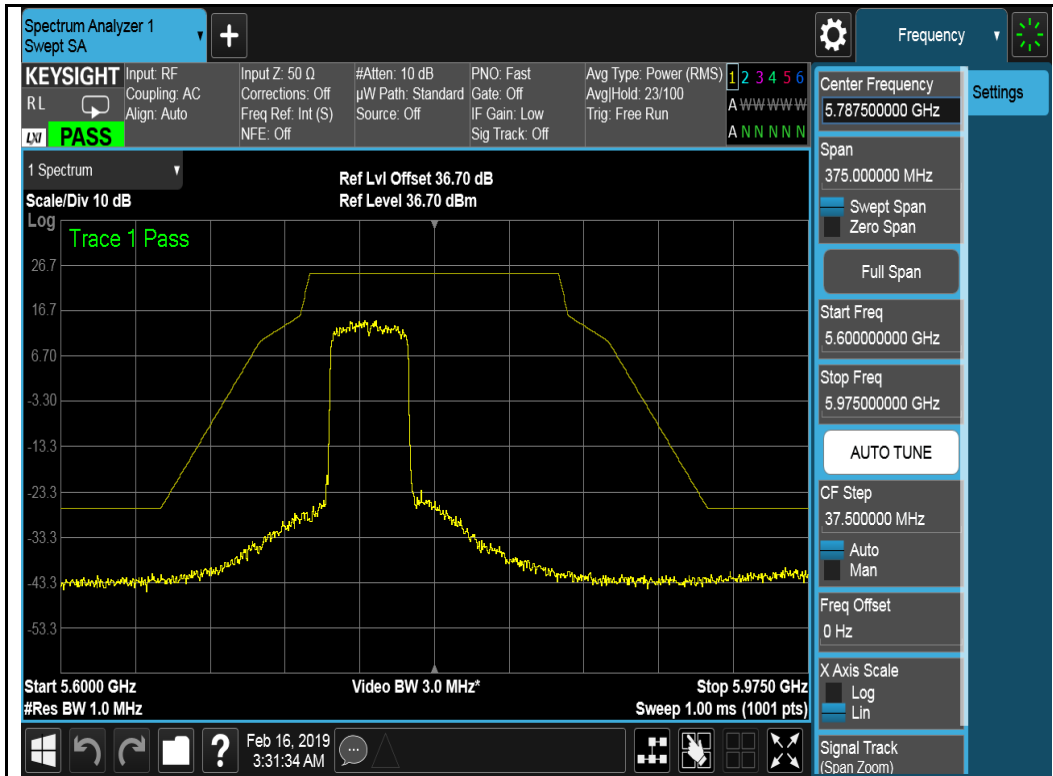
802.11ax-HT20-5745MHz

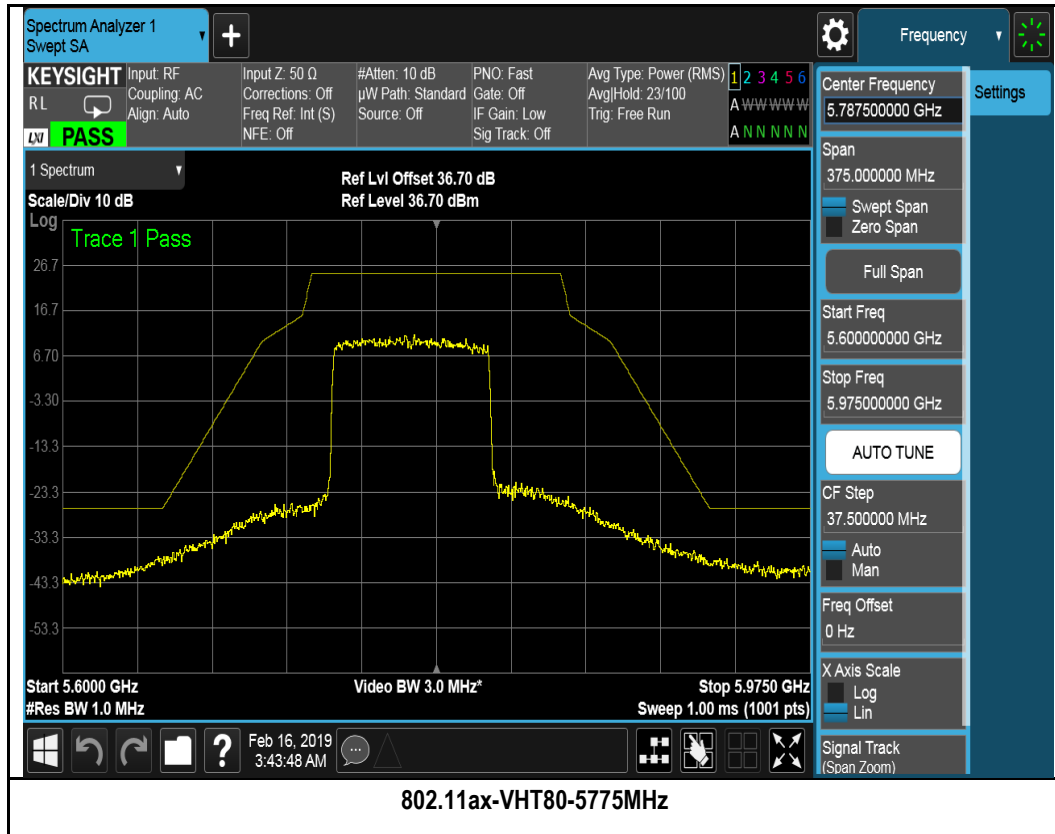


802.11ax-HT20-5785MHz

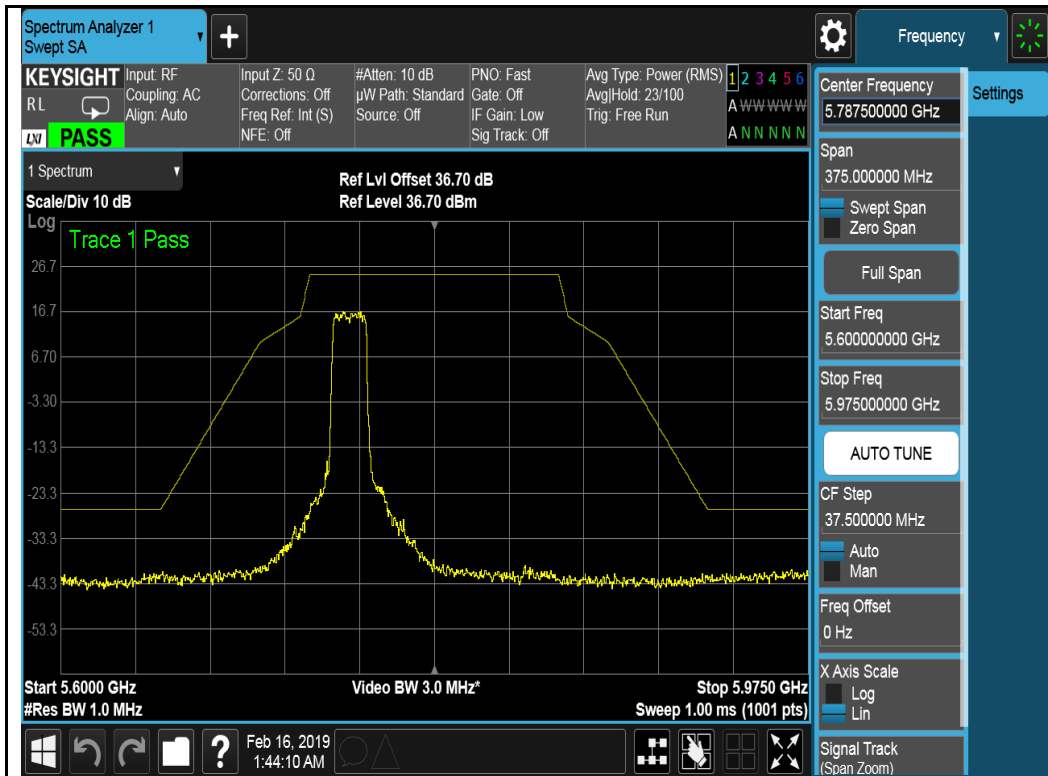


802.11ax-HT20-5825MHz

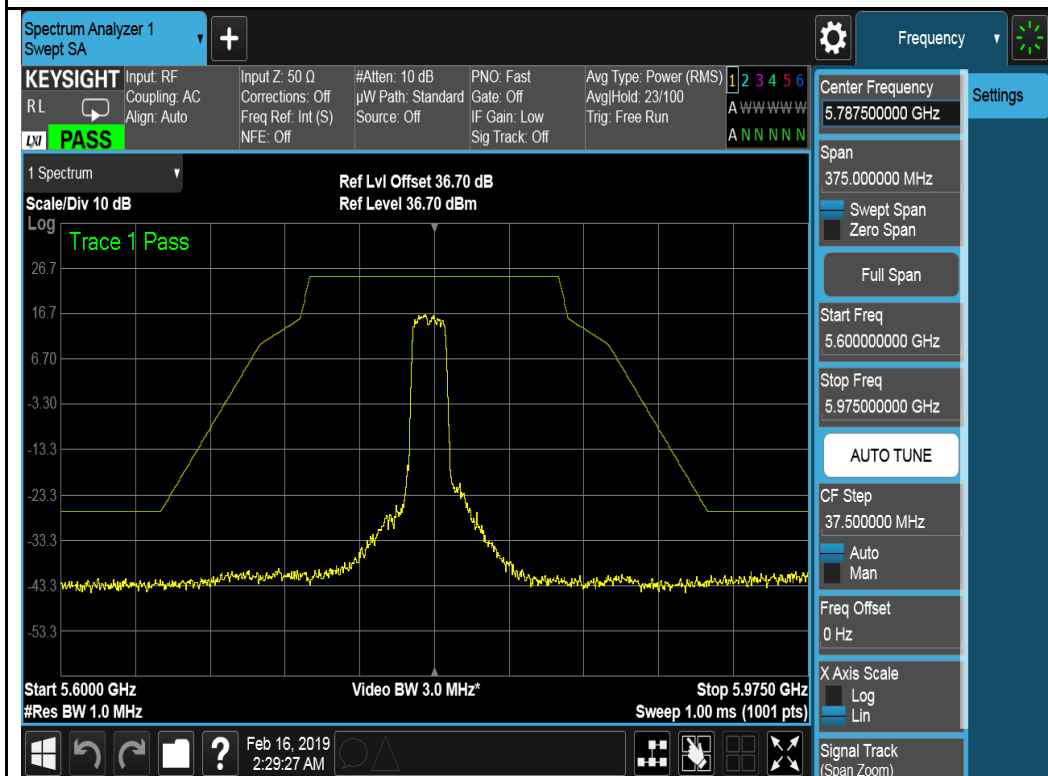




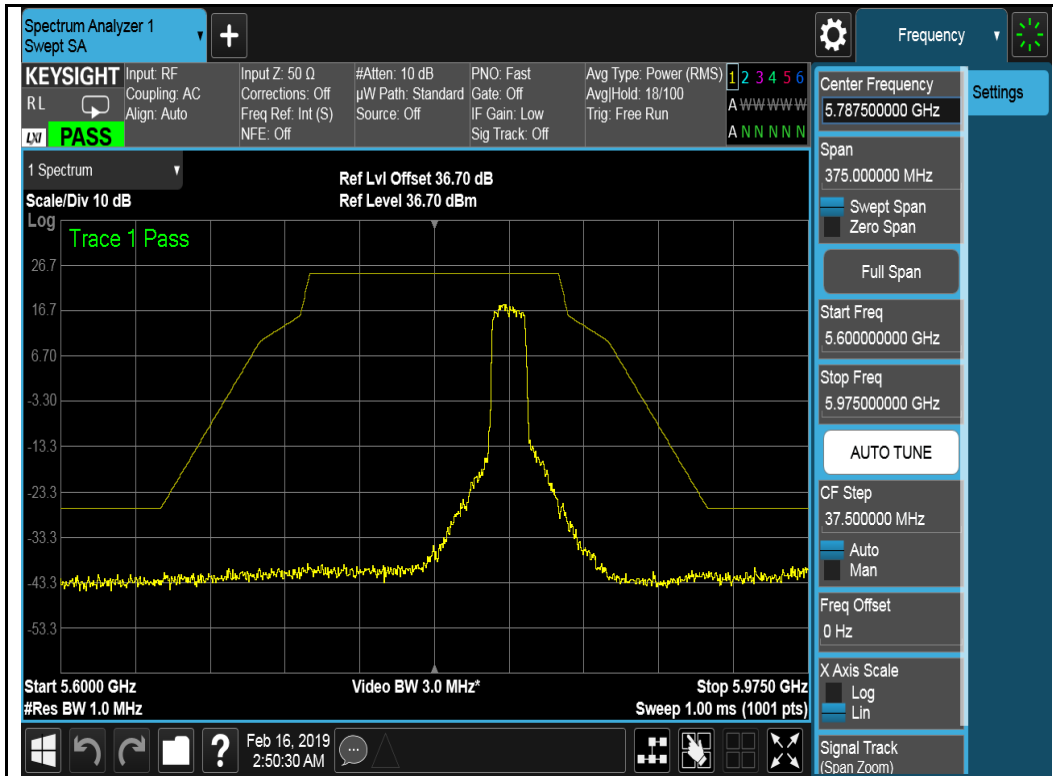
Chain 1:



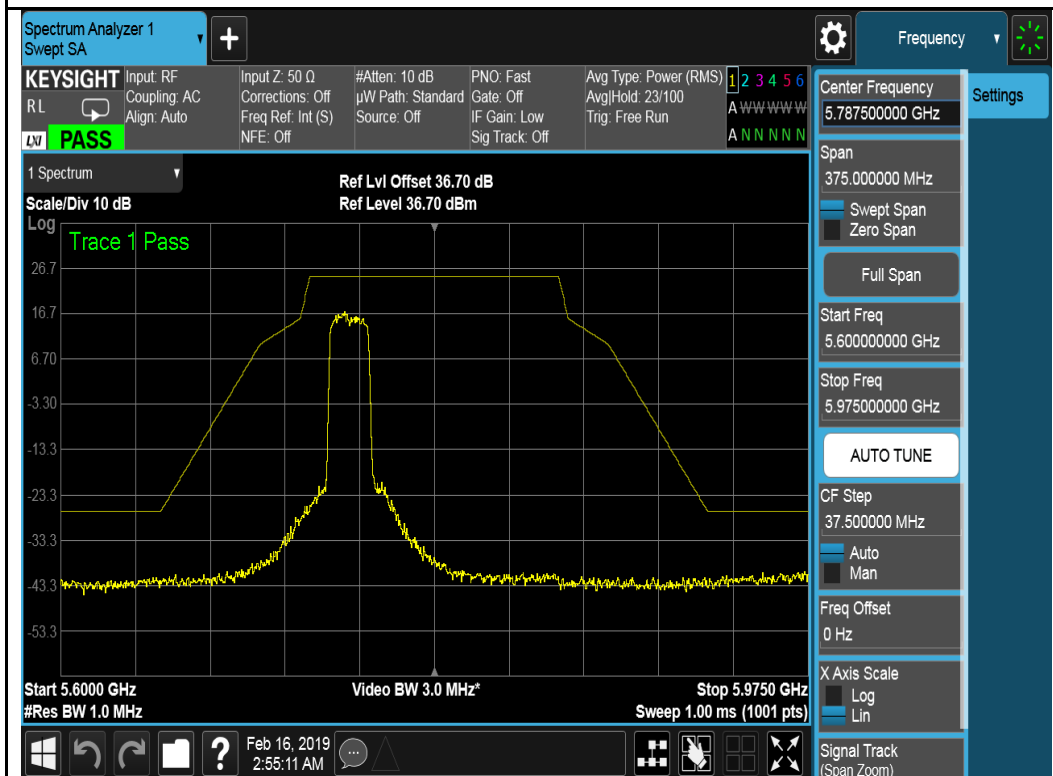
802.11a-5745MHz



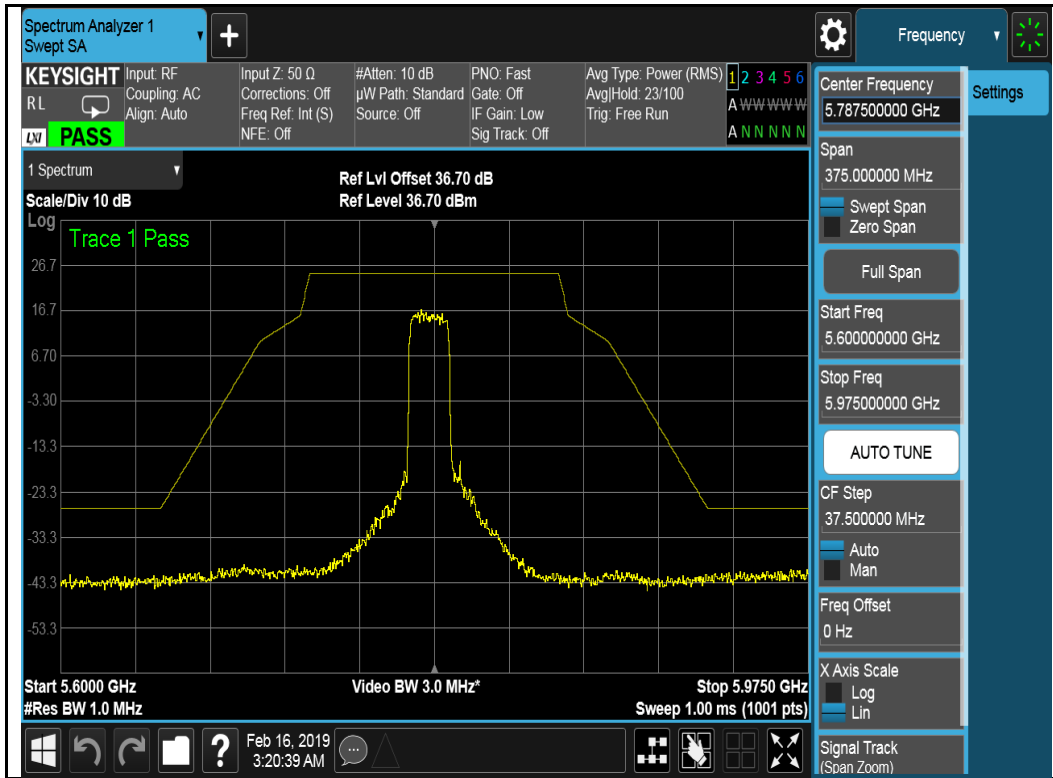
802.11a-5785MHz



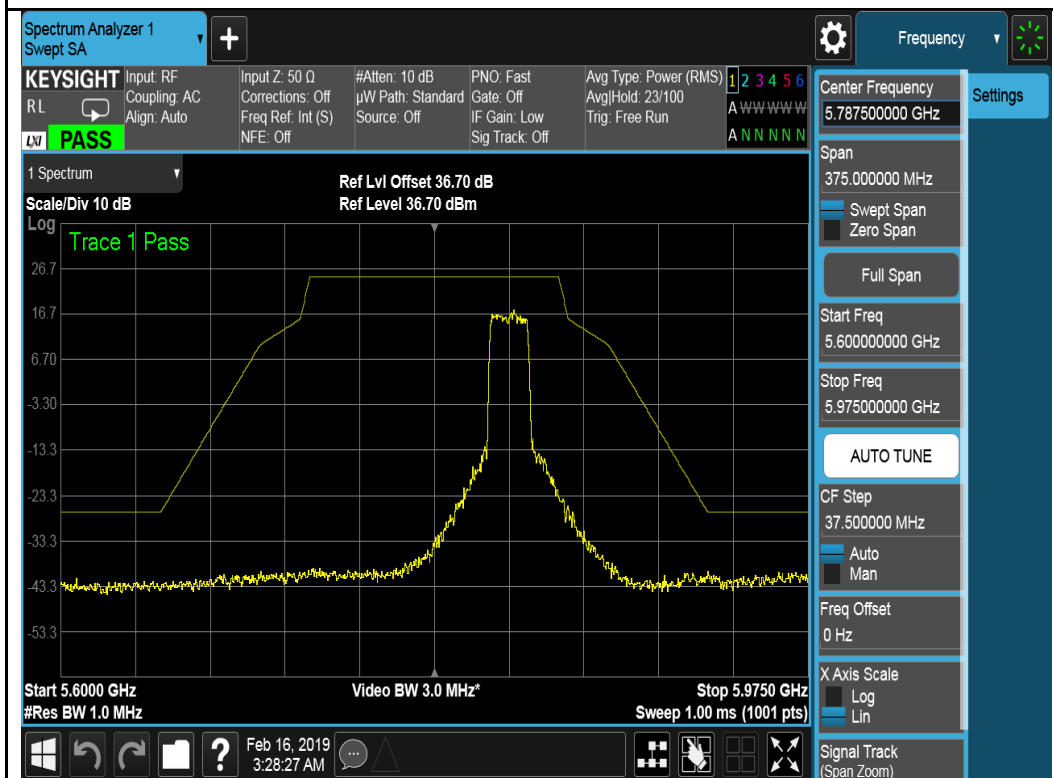
802.11a-5825MHz



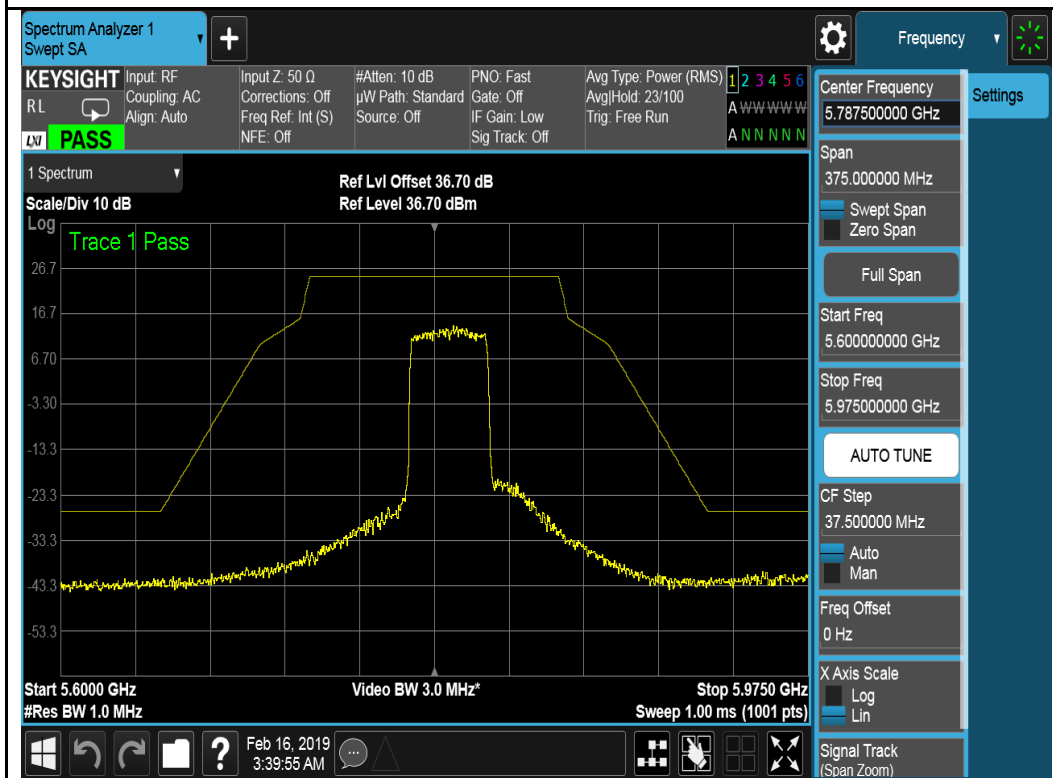
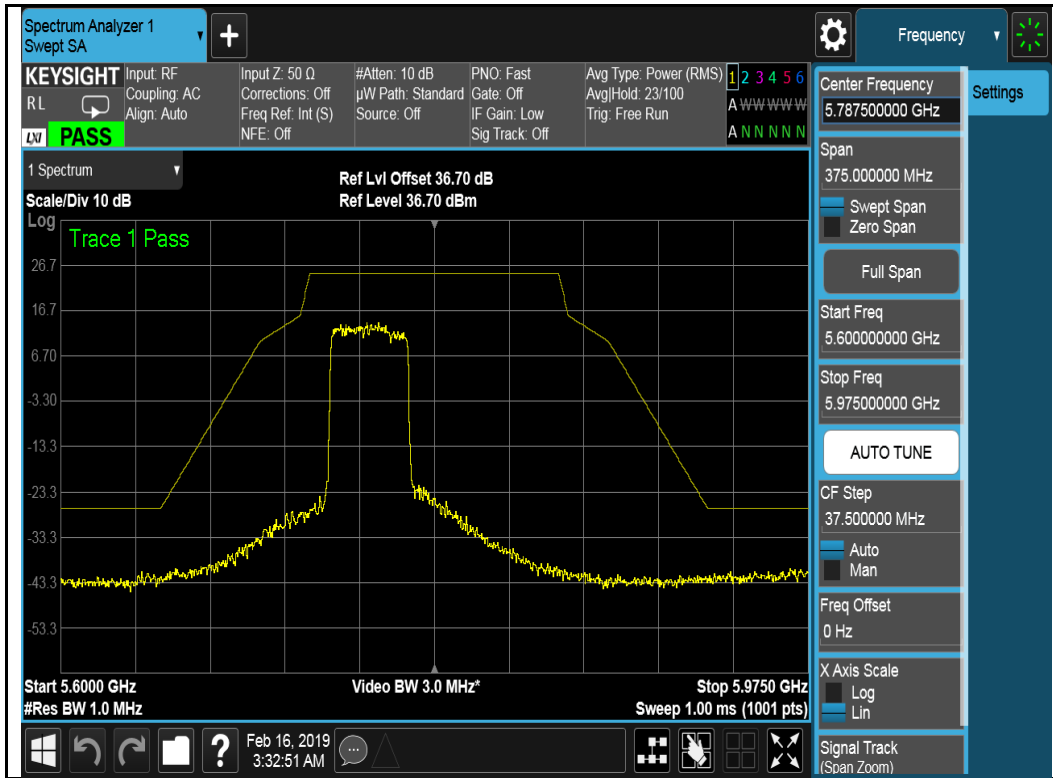
802.11ax-HT20-5745MHz

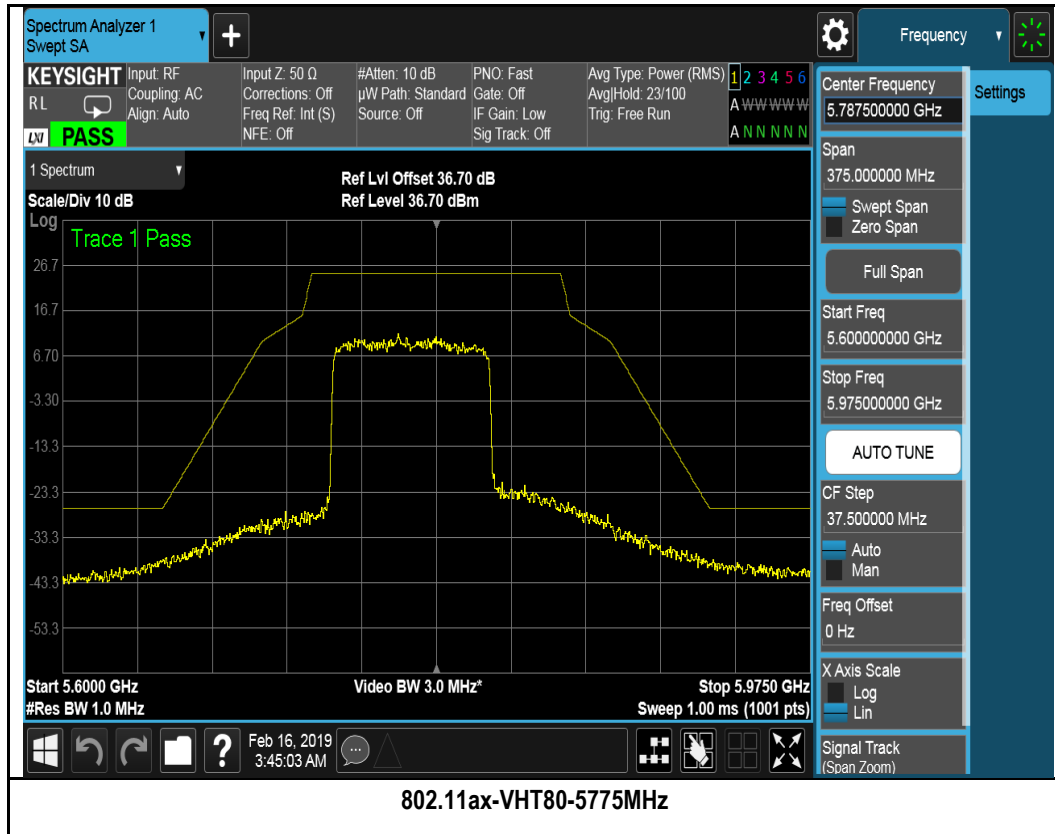


802.11ax-HT20-5785MHz

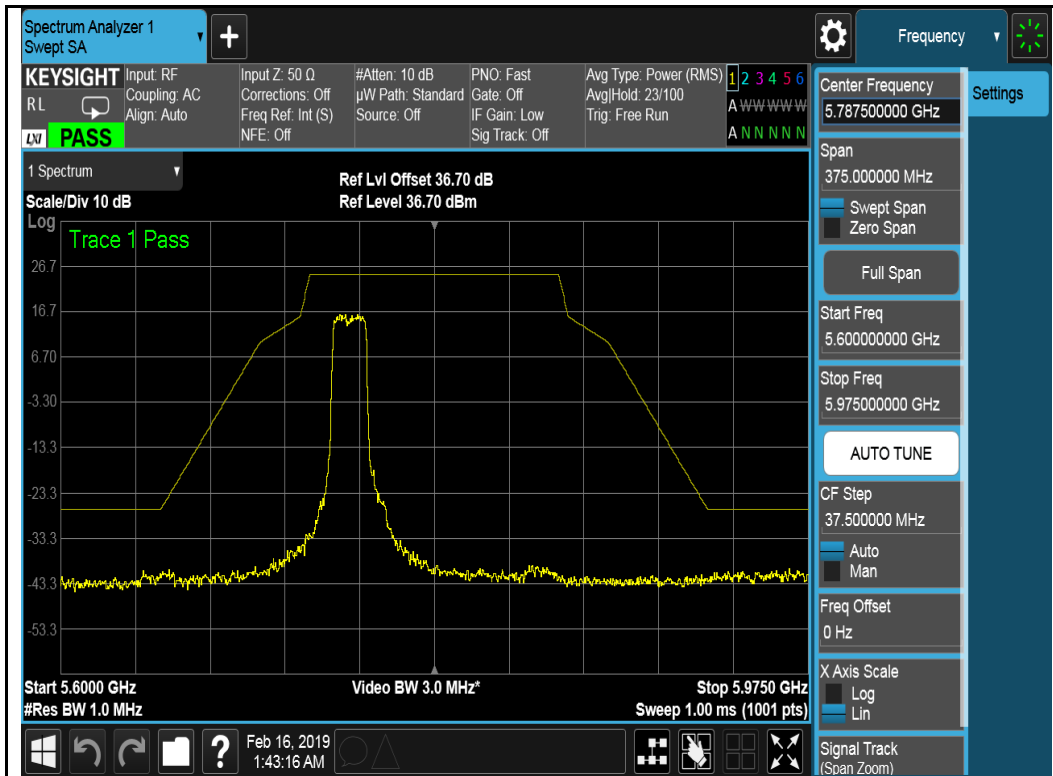


802.11ax-HT20-5825MHz

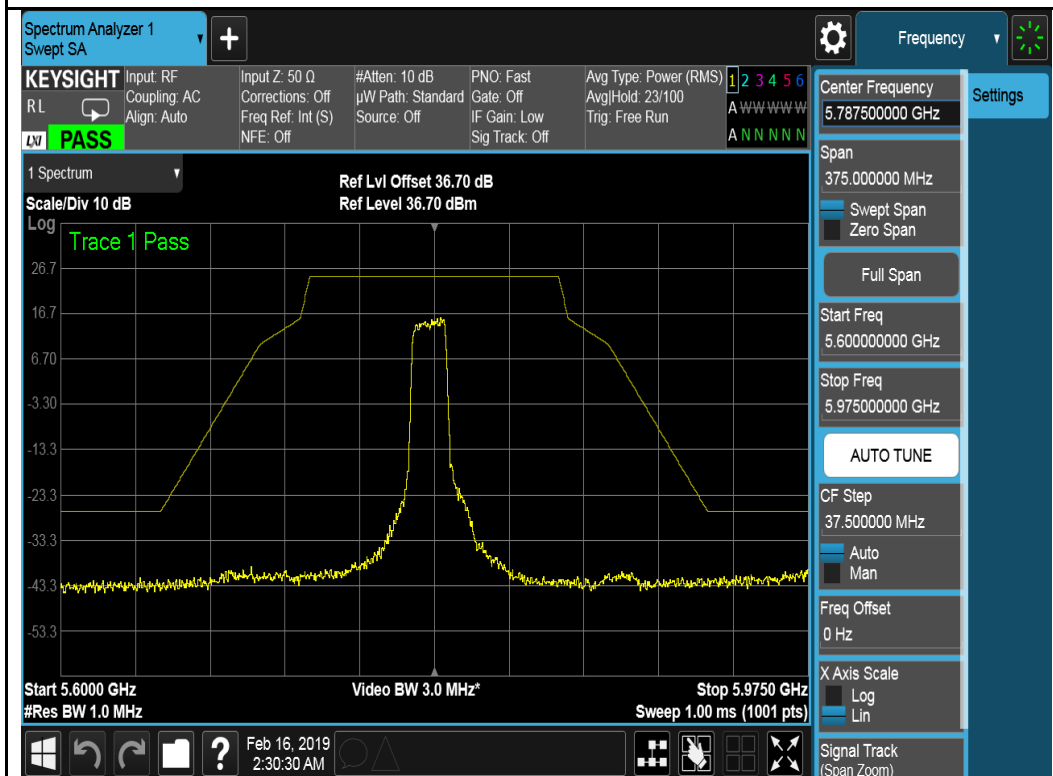




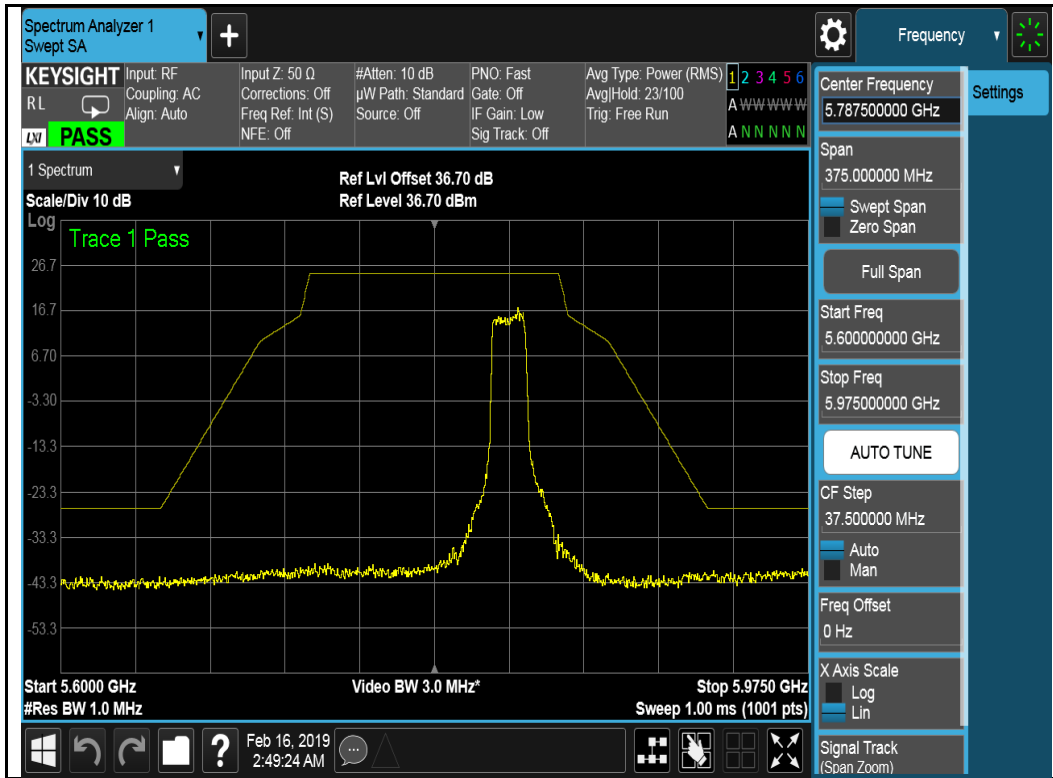
Chain 2:



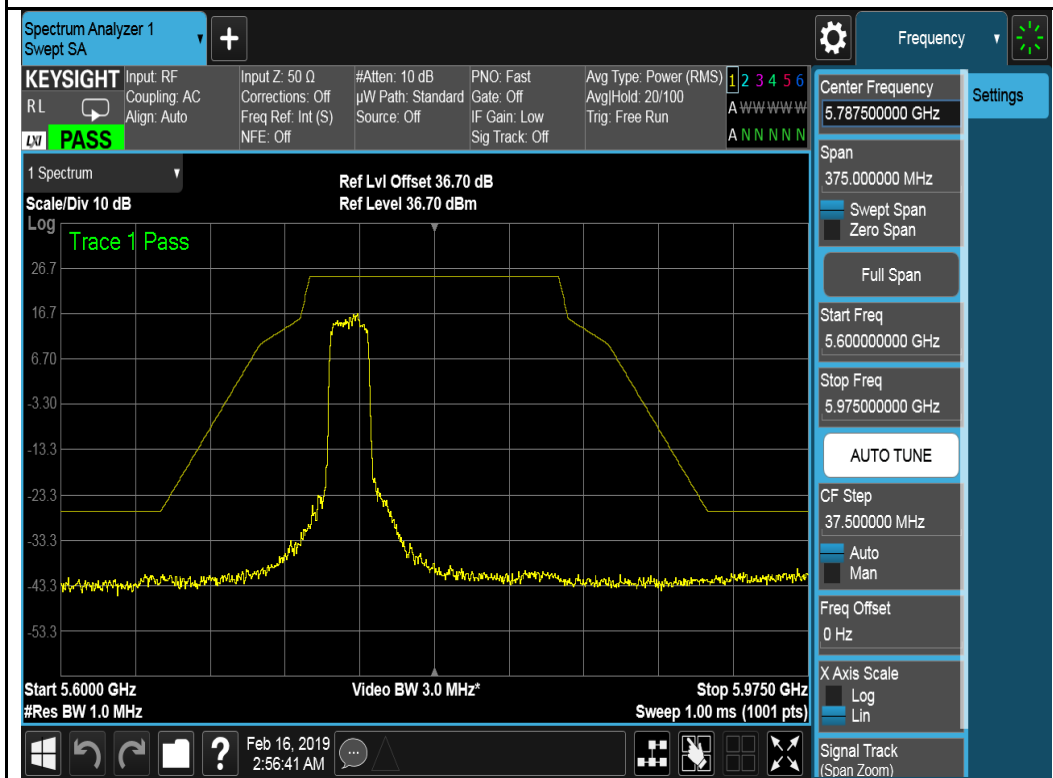
802.11a-5745MHz



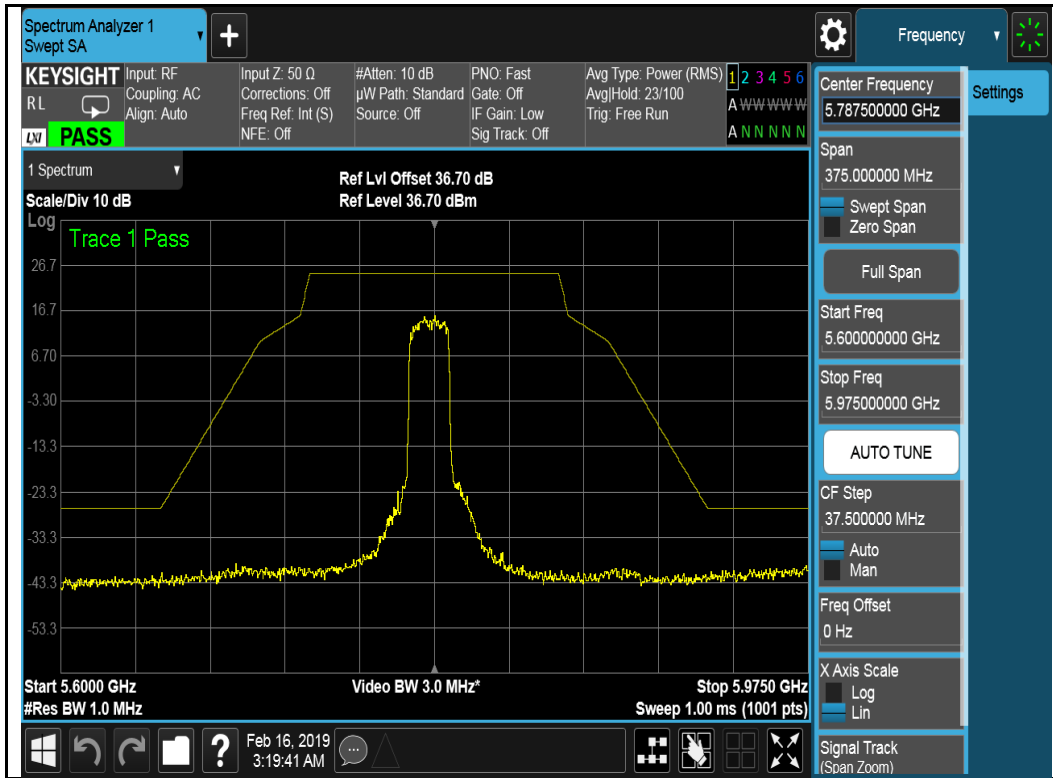
802.11a-5785MHz



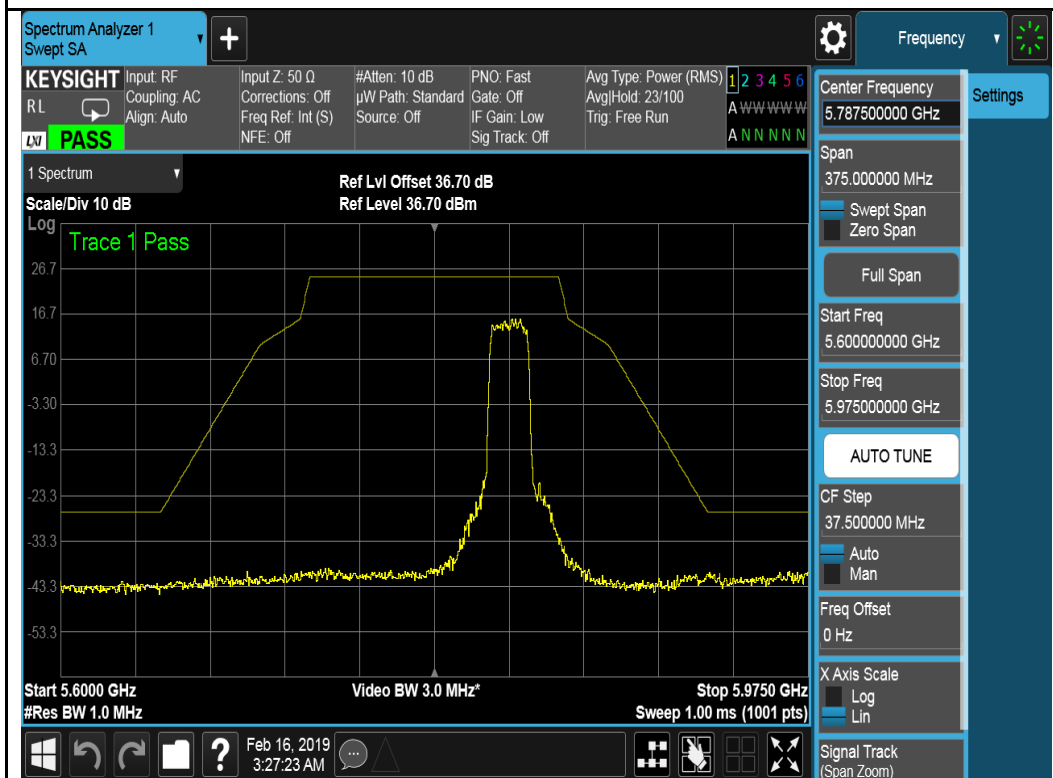
802.11a-5825MHz



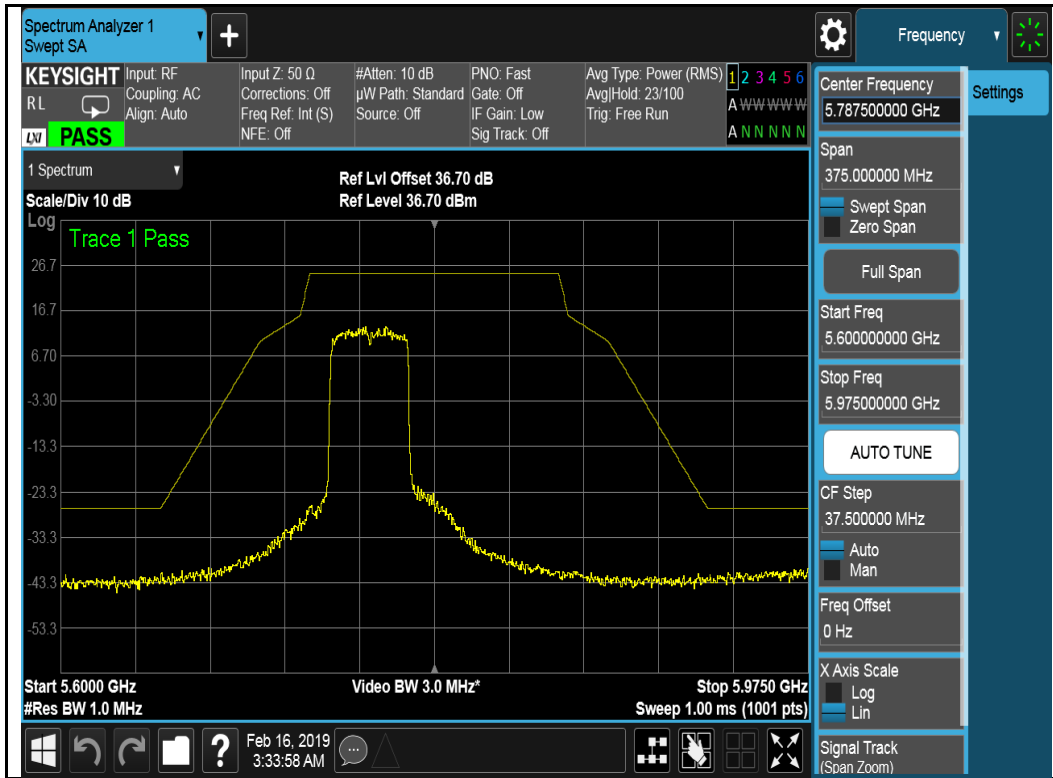
802.11ax-HT20-5745MHz



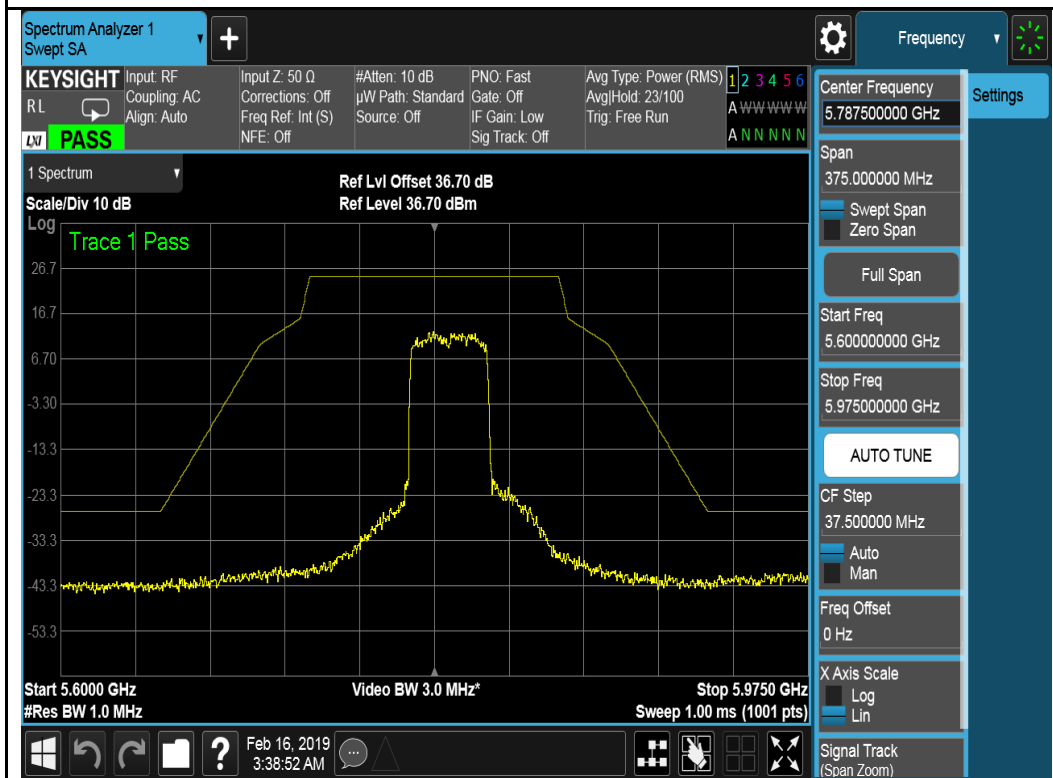
802.11ax-HT20-5785MHz



802.11ax-HT20-5825MHz



802.11ax-H420-5755MHz



802.11ax-H420-5795MHz

