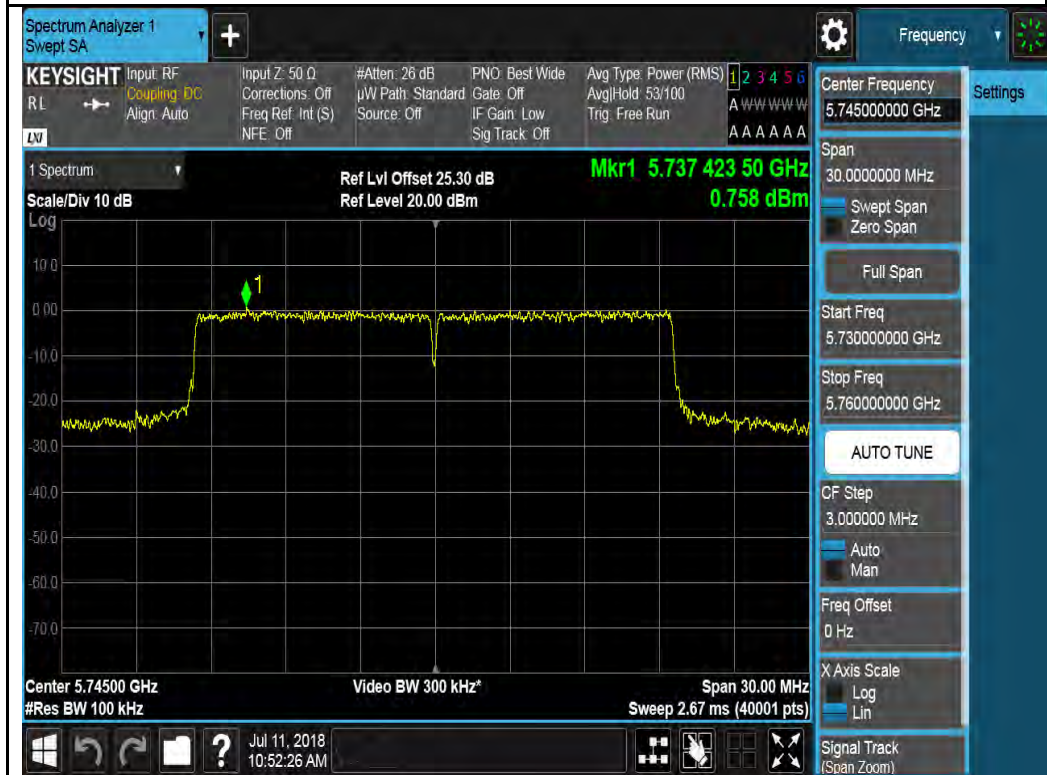




802.11a-5825M



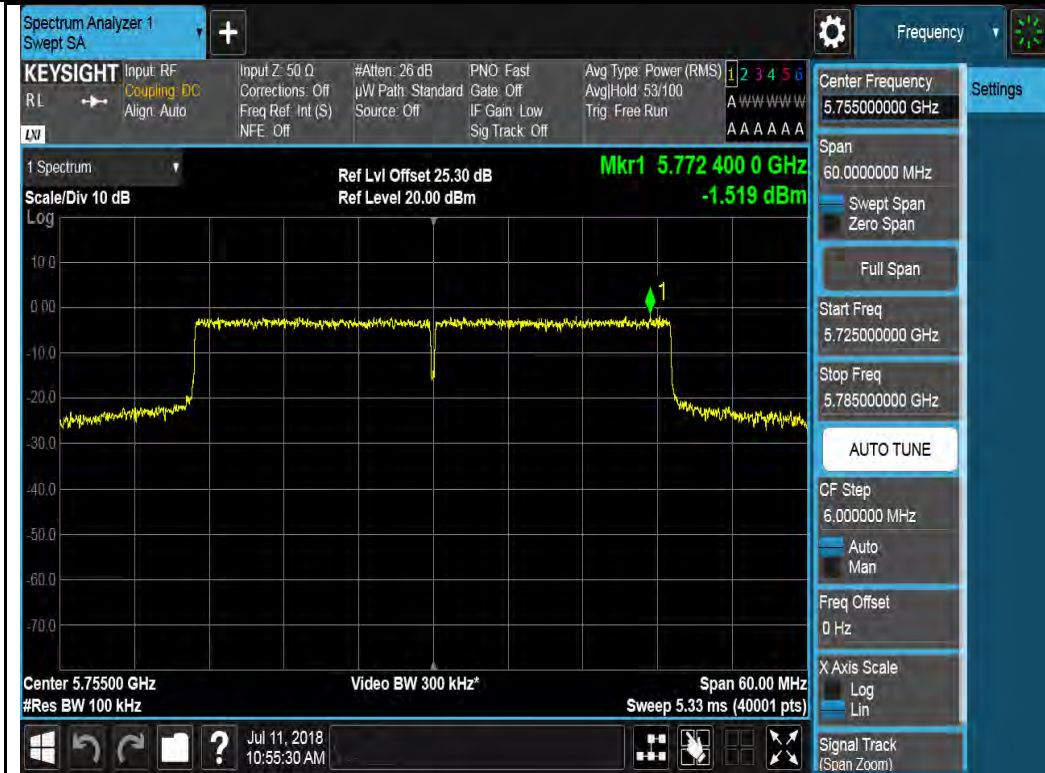
802.11n-HT20 5745M



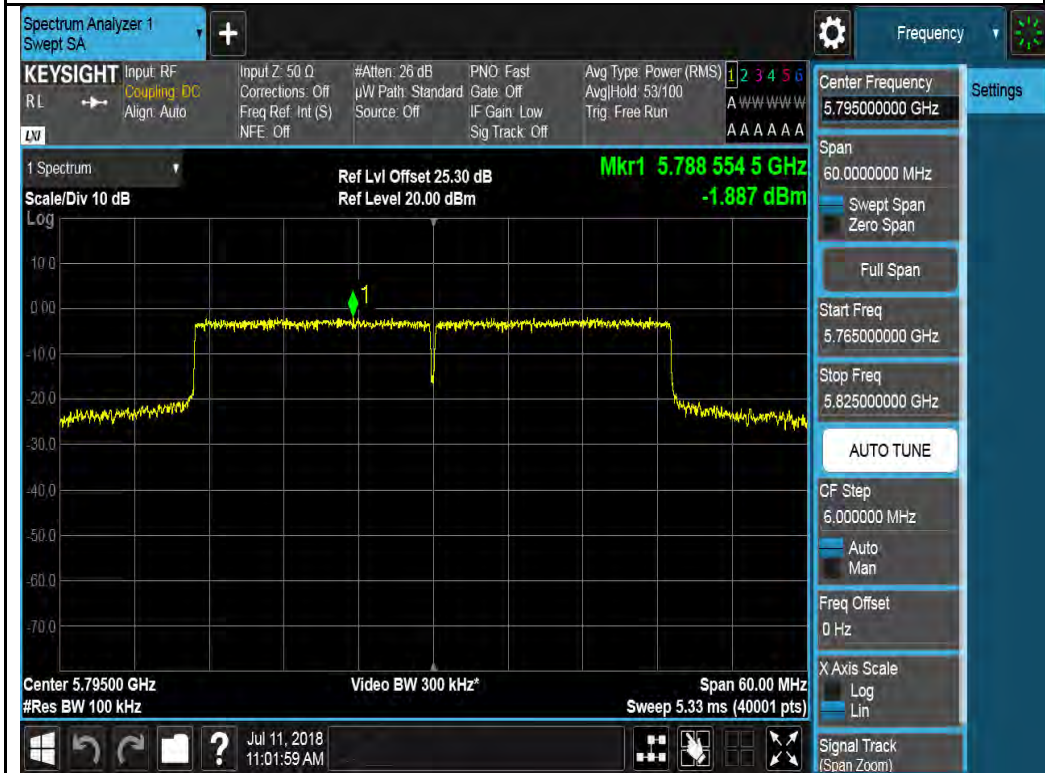
802.11n-HT20 5785M



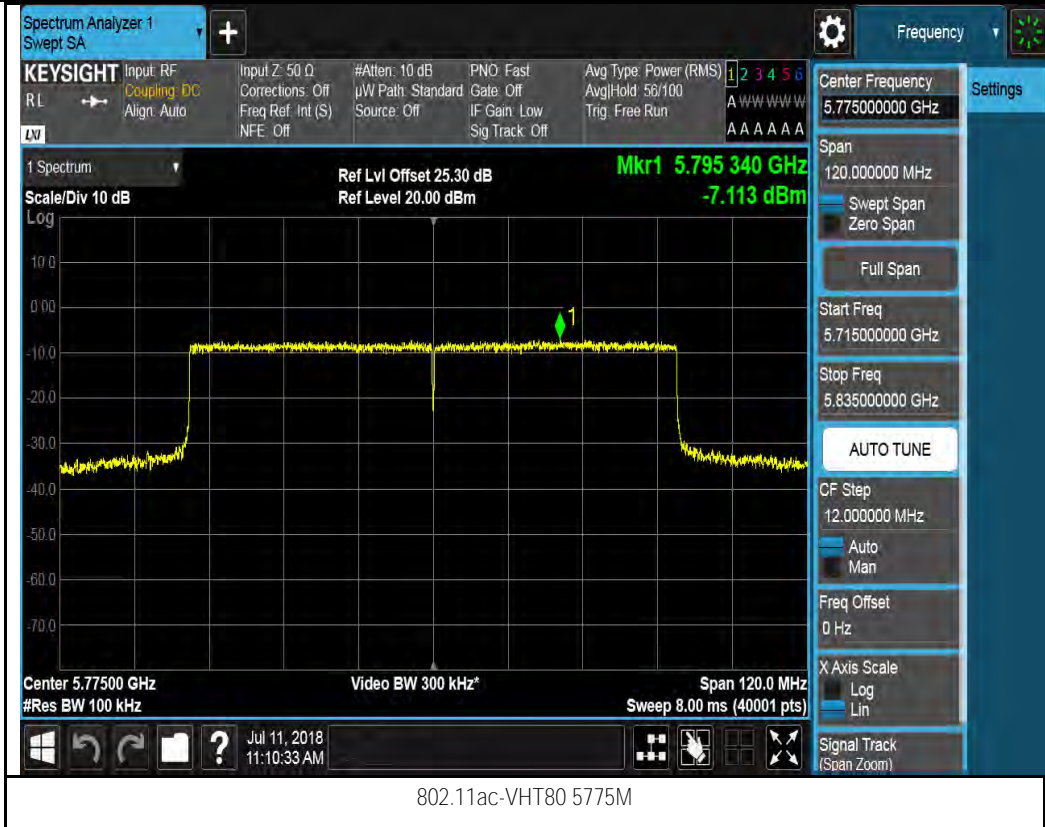
802.11n-HT20 5825M



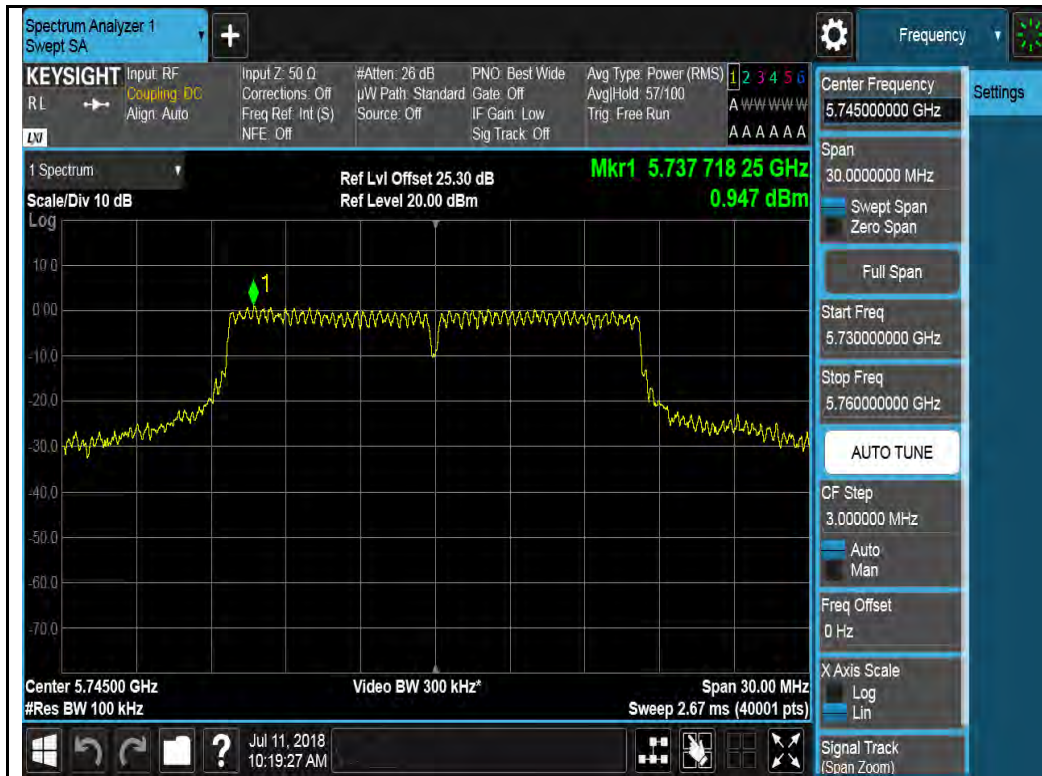
802.11n-HT40 5755M



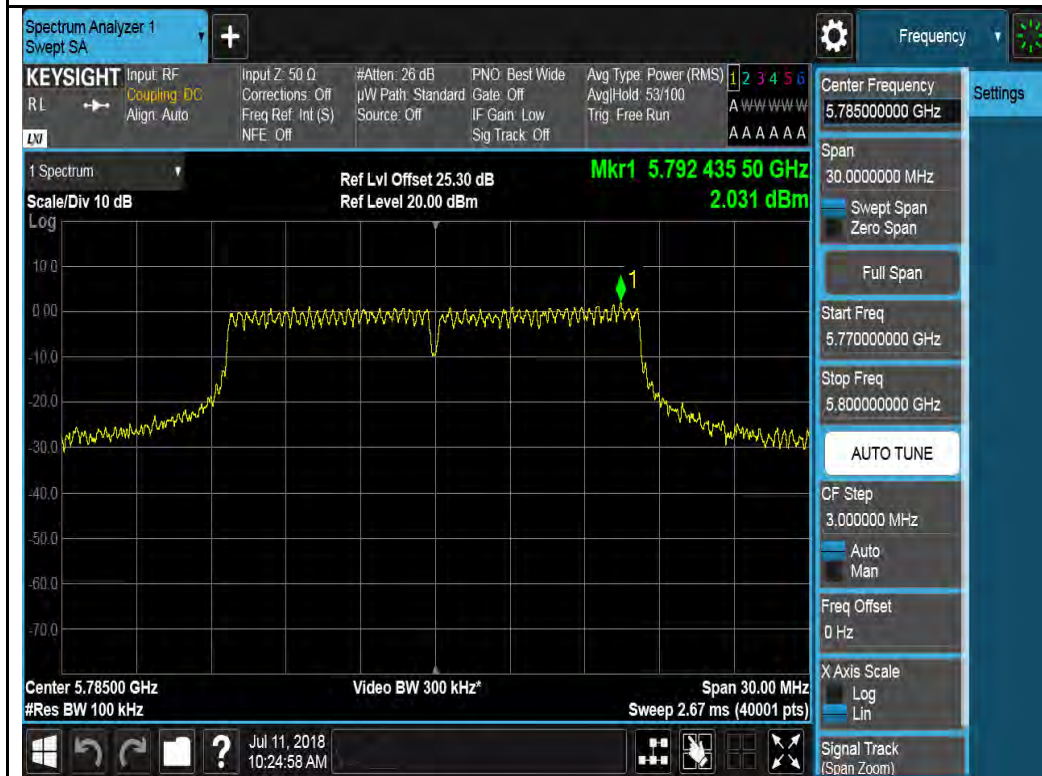
802.11n-HT40 5795M



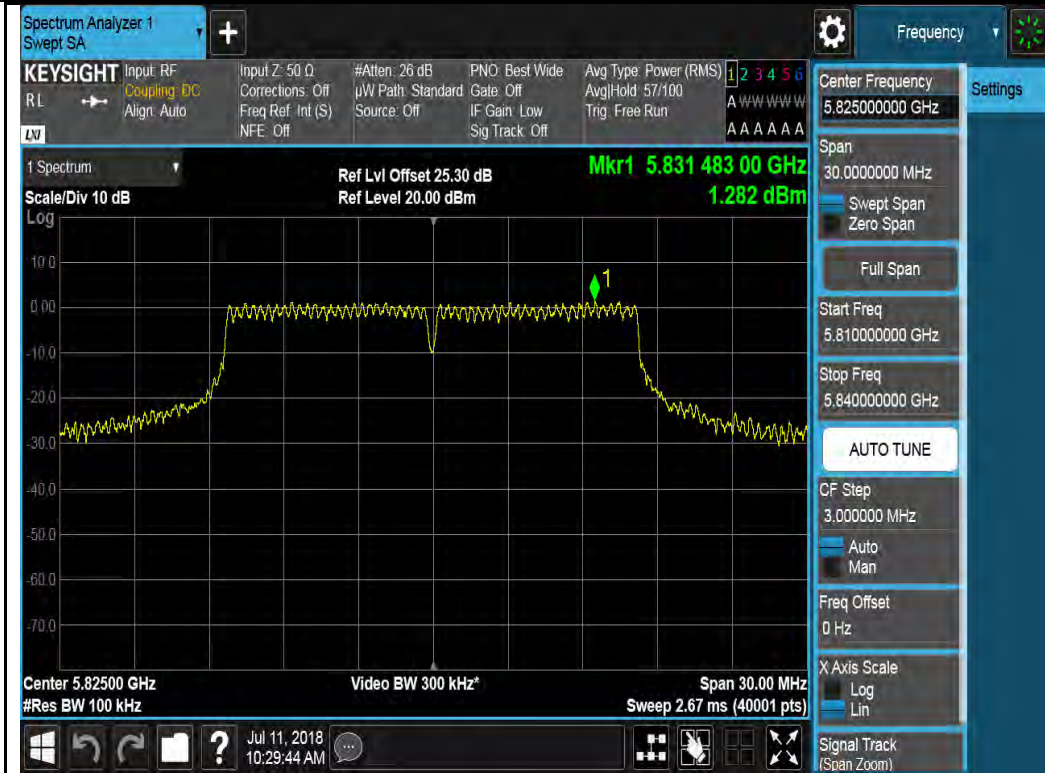
Chain 1:



802.11a-5745M



802.11a-5785M



802.11a-5825M



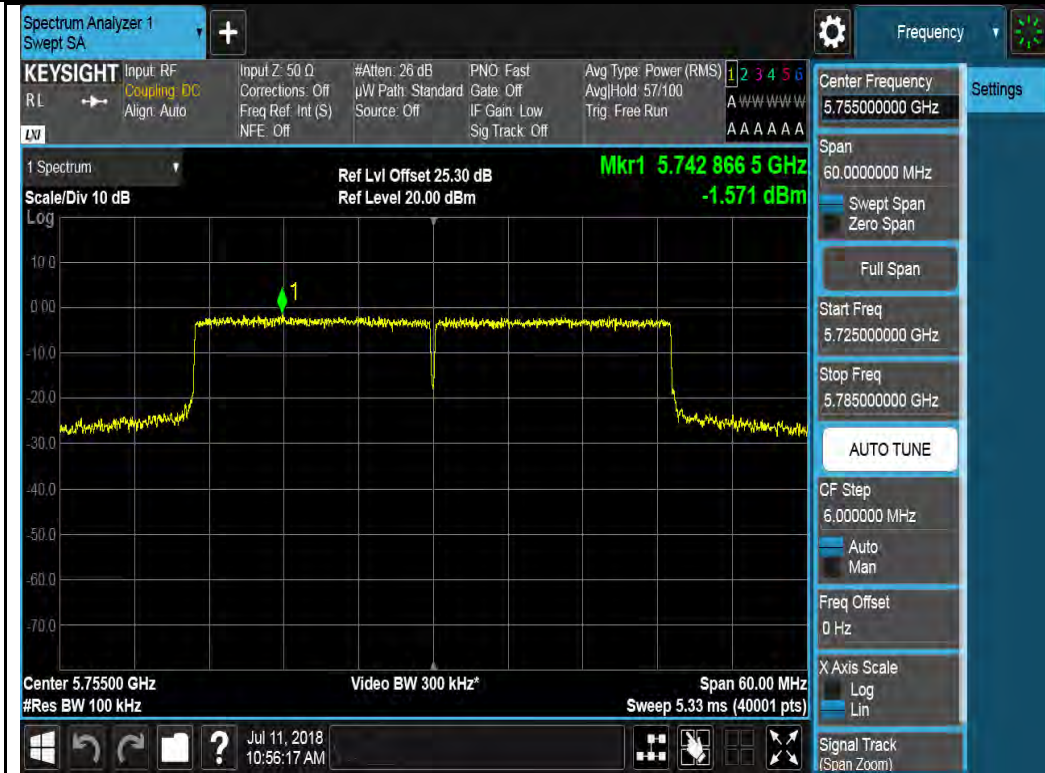
802.11n-HT20 5745M



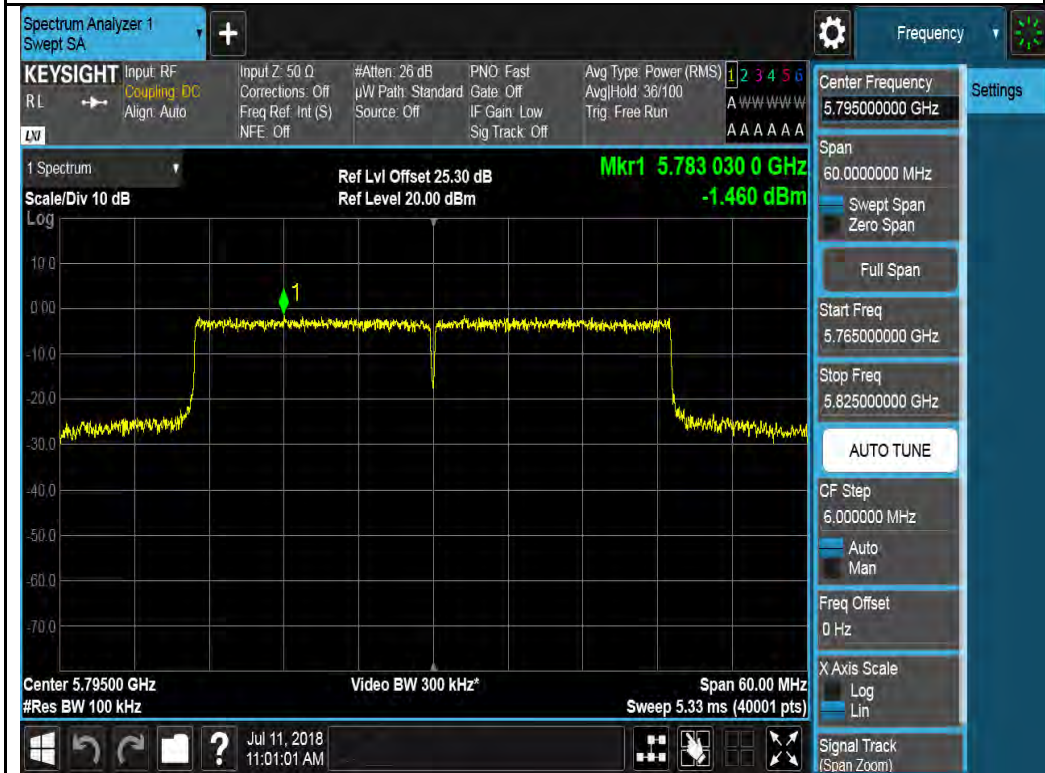
802.11n-HT20 5785M



802.11n-HT20 5825M

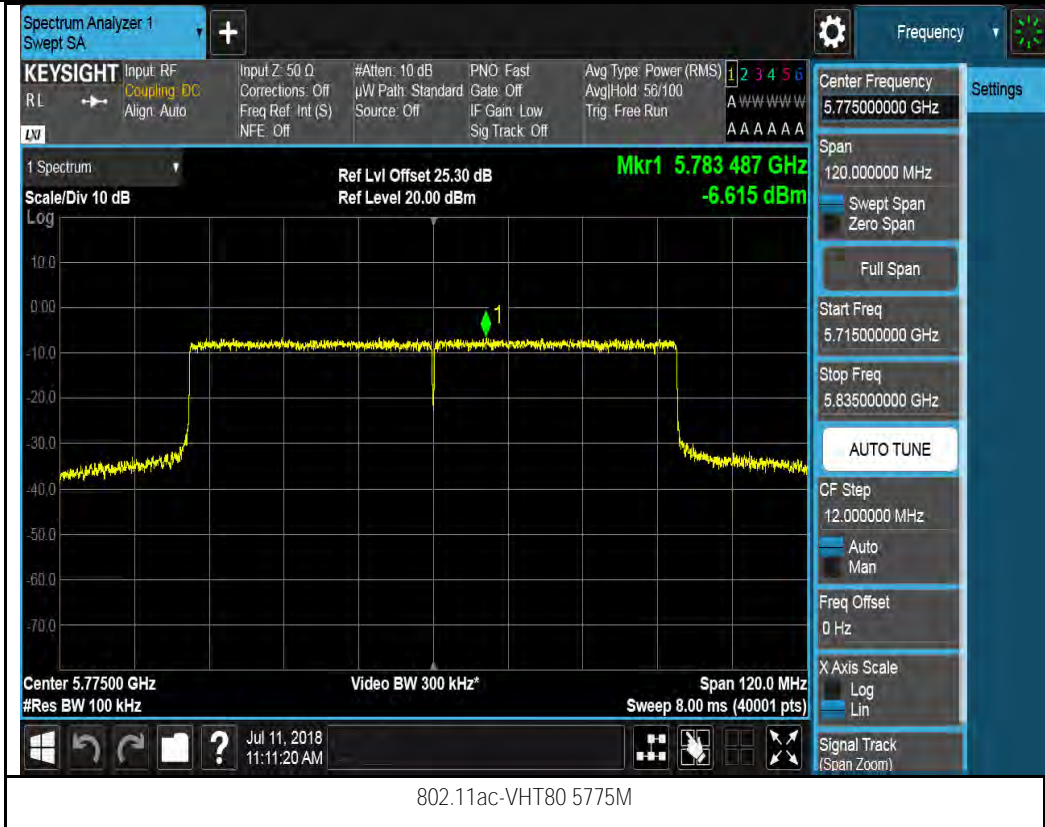


802.11n-HT40 5755M



802.11n-HT40 5795M

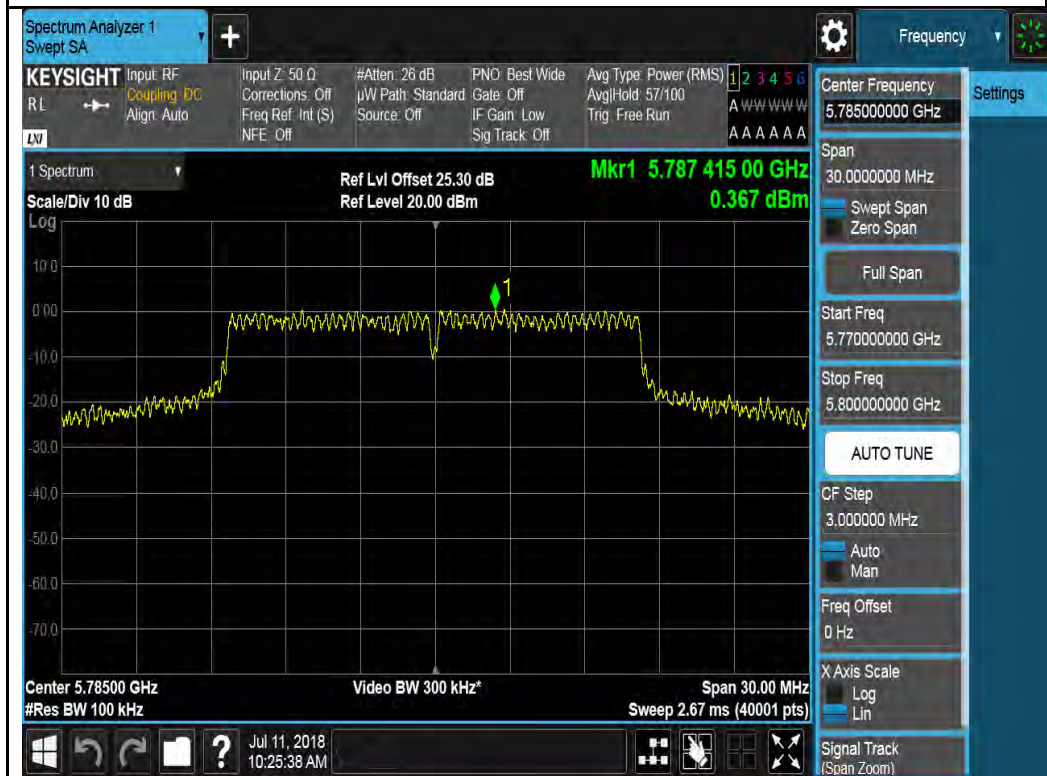




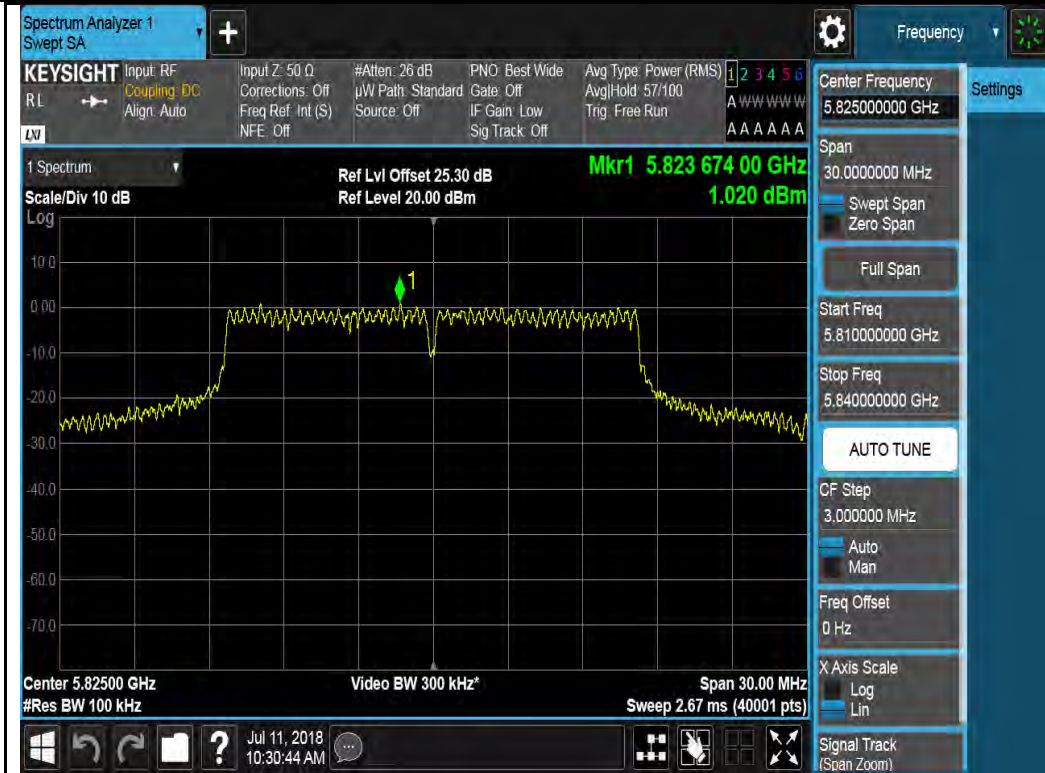
Chain 2:



802.11a-5745M



802.11a-5785M



802.11a-5825M



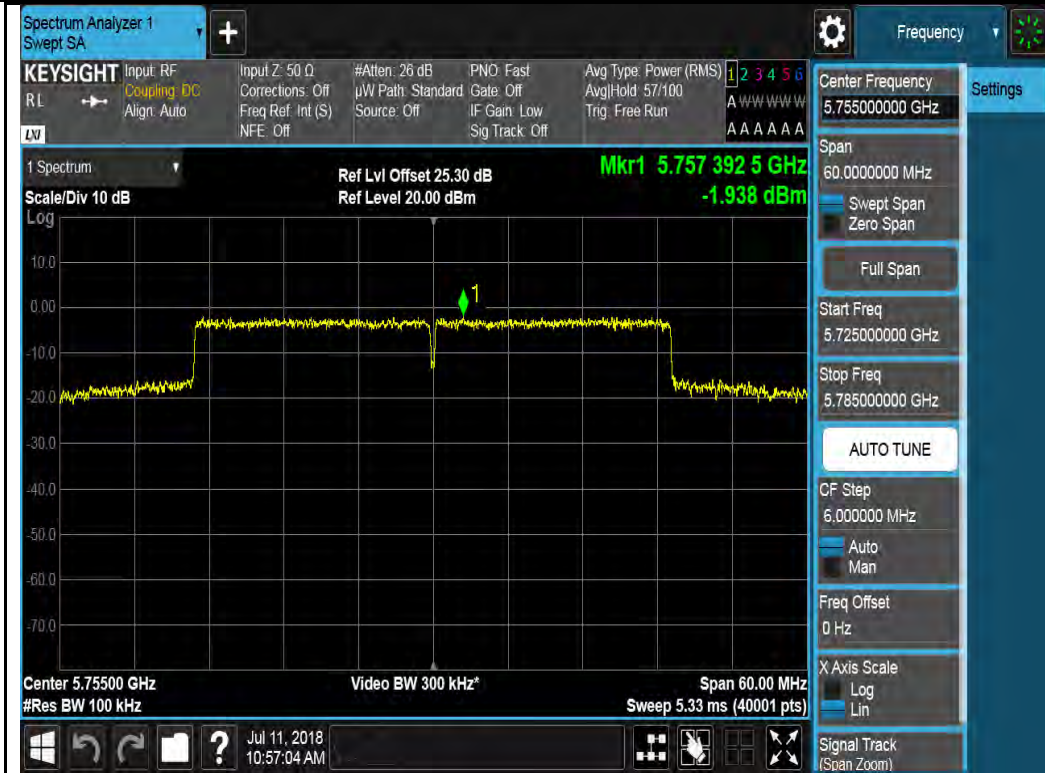
802.11n-HT20 5745M



802.11n-HT20 5785M



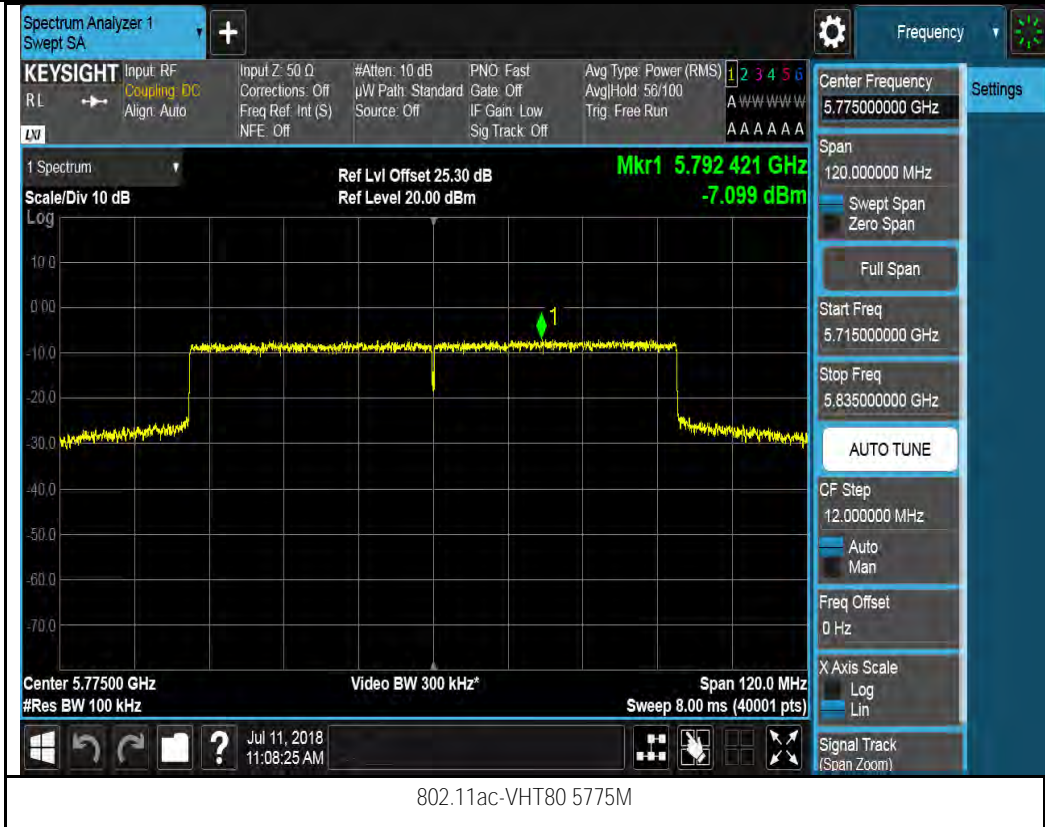
802.11n-HT20 5825M



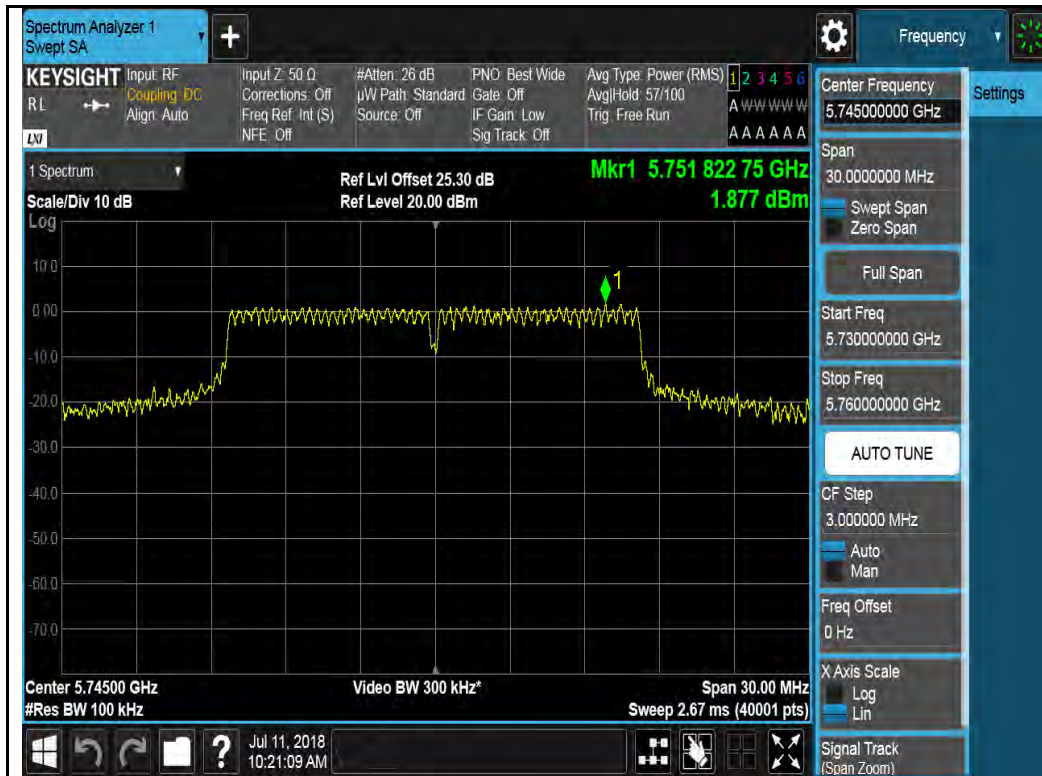
802.11n-HT40 5755M



802.11n-HT40 5795M



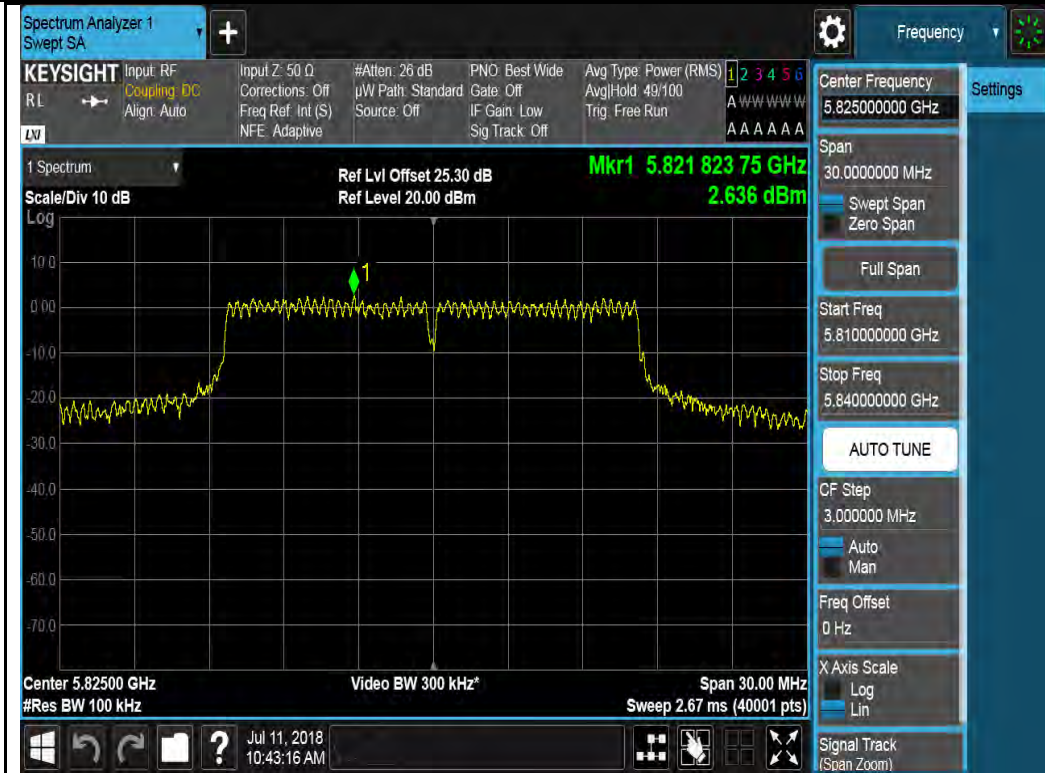
Chain 3:



802.11a-5745M



802.11a-5785M

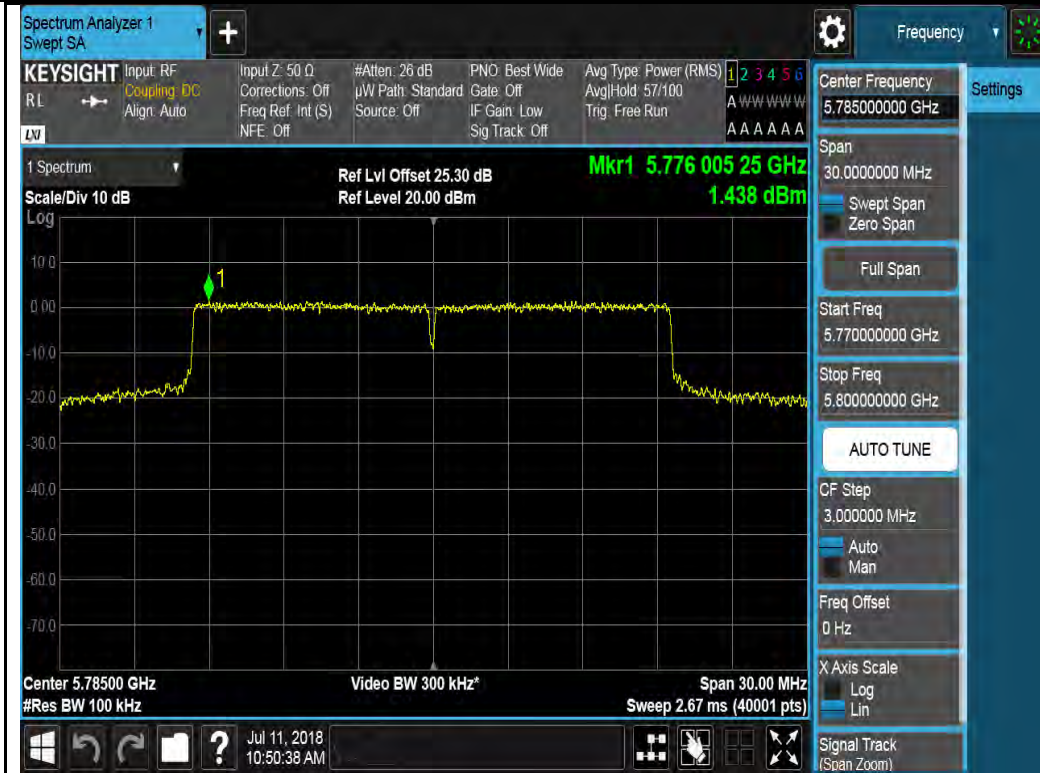


802.11a-5825M



802.11n-HT20 5745M





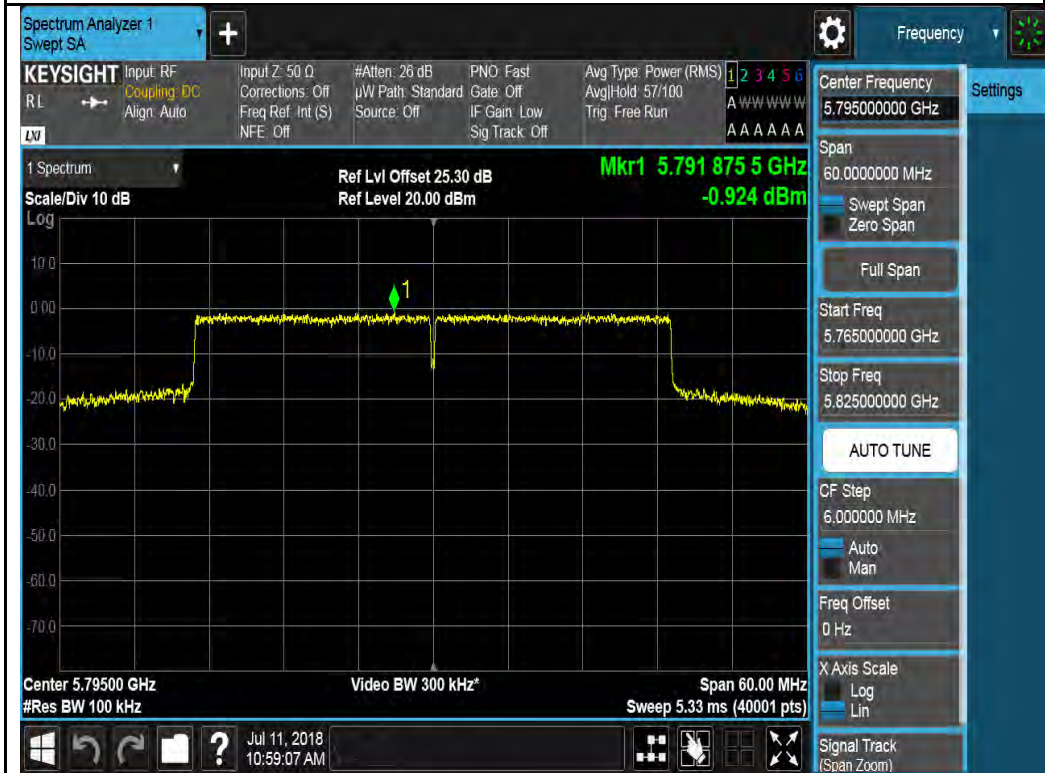
802.11n-HT20 5785M



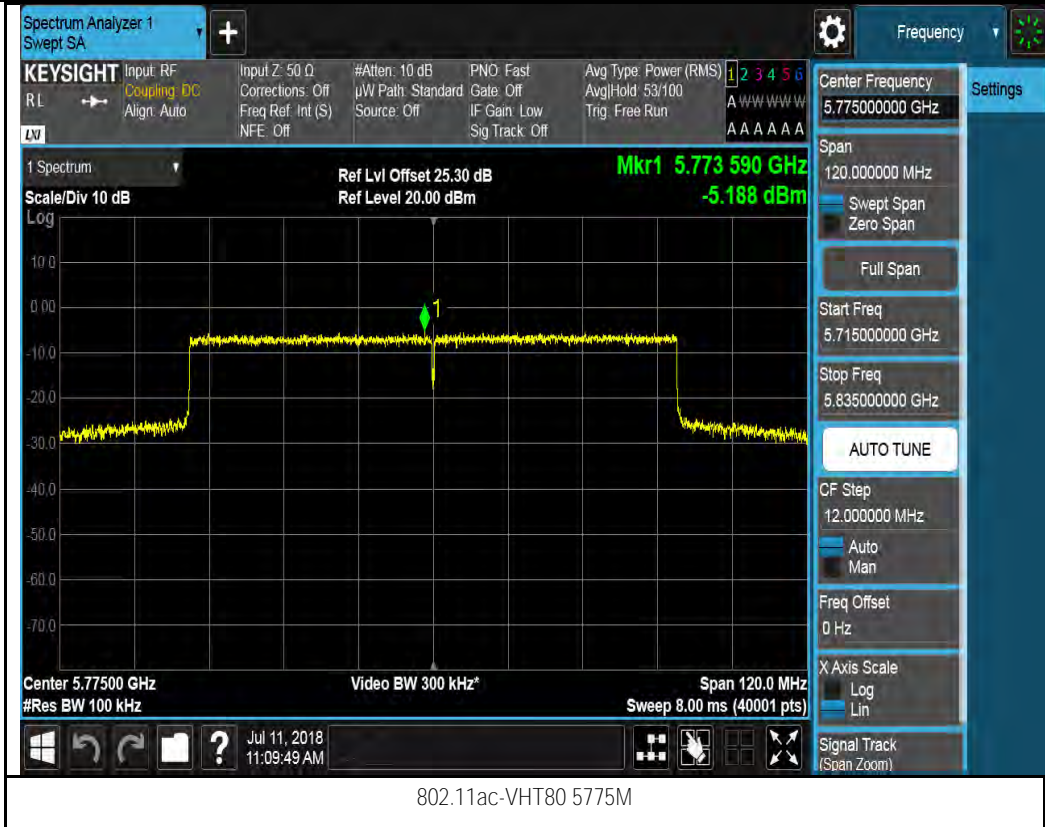
802.11n-HT20 5825M



802.11n-HT40 5755M

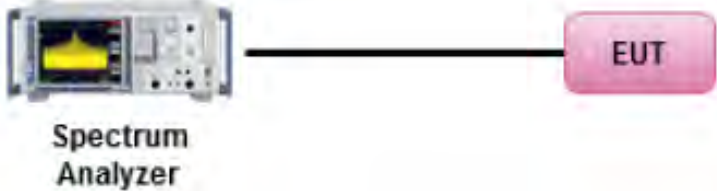


802.11n-HT40 5795M



## 10.5 Band Edge and Emission Mask Measurement

Requirement(s):

Spec	Item	Requirement	Applicable
47CFR§ 15.407(b)(2), 15.407(b)(6)	(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)	For transmitters operating in the 5.725-5.825 GHz band: all emissions shall be <b>limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge</b> 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;"><b>Spectrum Analyzer</b>      <b>EUT</b></p>		
Procedure	<p>789033 D02 General UNII Test Procedures New Rules v01r02, II.F. Method SA-1</p> <p><u>Band Edge measurement:</u></p> <ul style="list-style-type: none"> <li>- 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:</li> <li>- Set RBW=100kHz</li> <li>- Set VBW=300kHz</li> <li>- Perform a band-power integration across the 1 MHz bandwidth in which the band-edge emission level is to be measured.</li> </ul>		
Remark	Directional gain was added to the offset.		
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail		

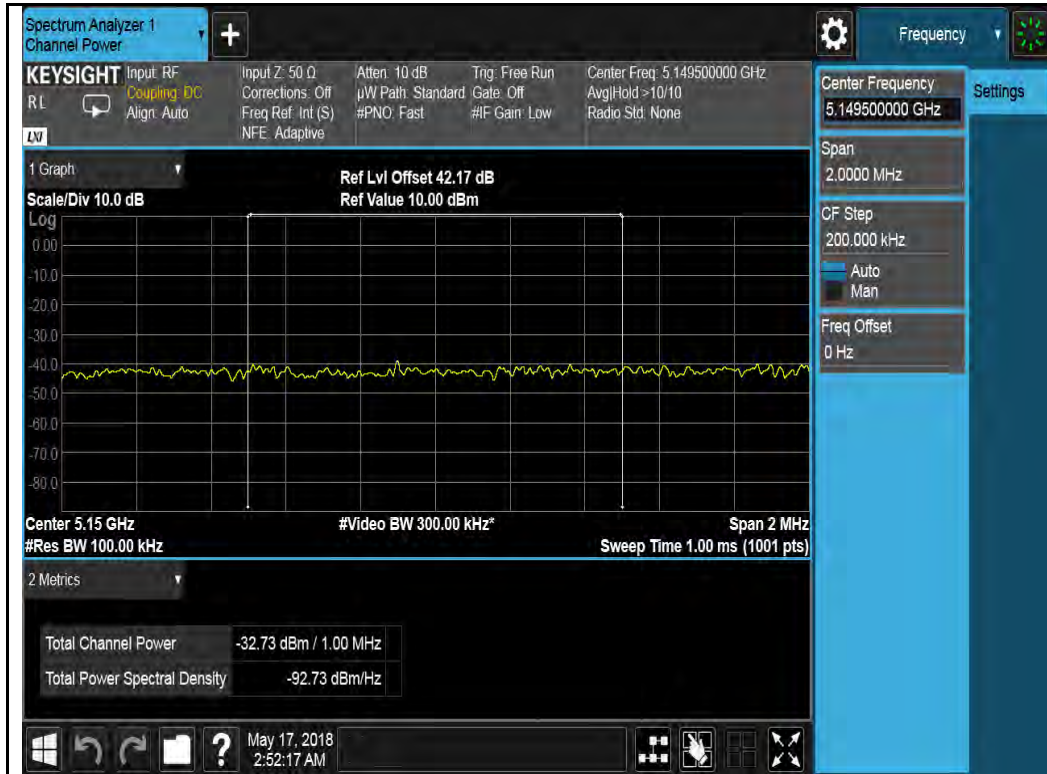
Test Data  Yes (See below)       N/A

Test Plot  Yes (See below)       N/A

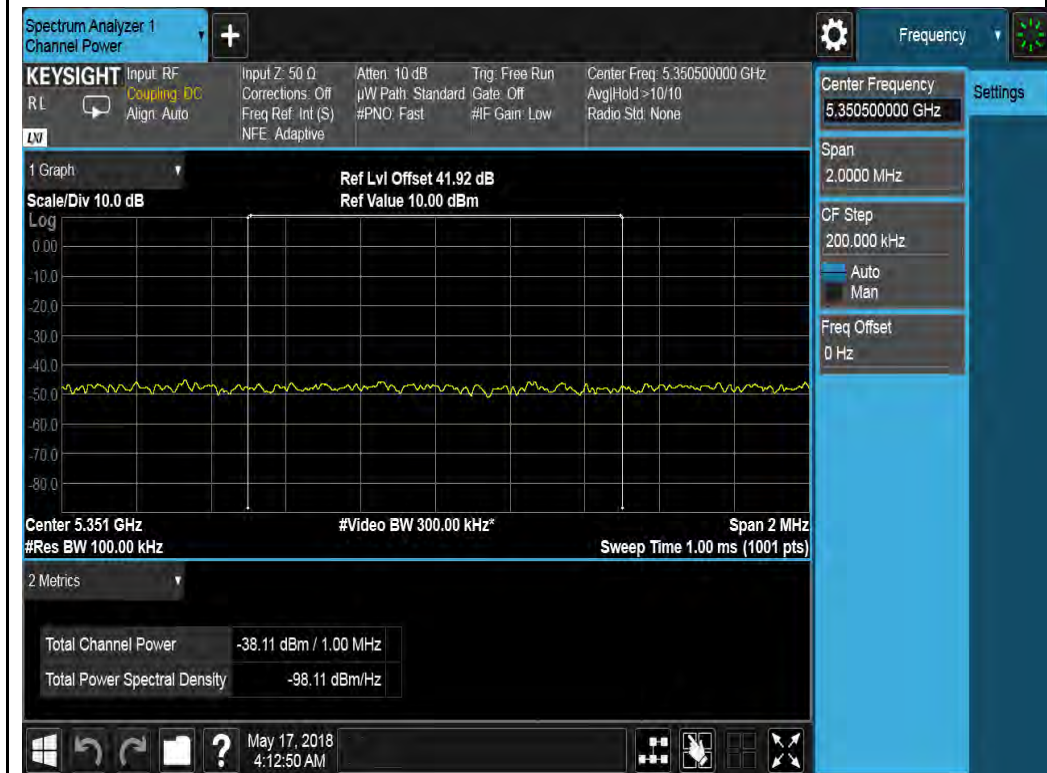
Test was done by Deon Dai at RF test site.

Test Plot for 8x8 mode W52:

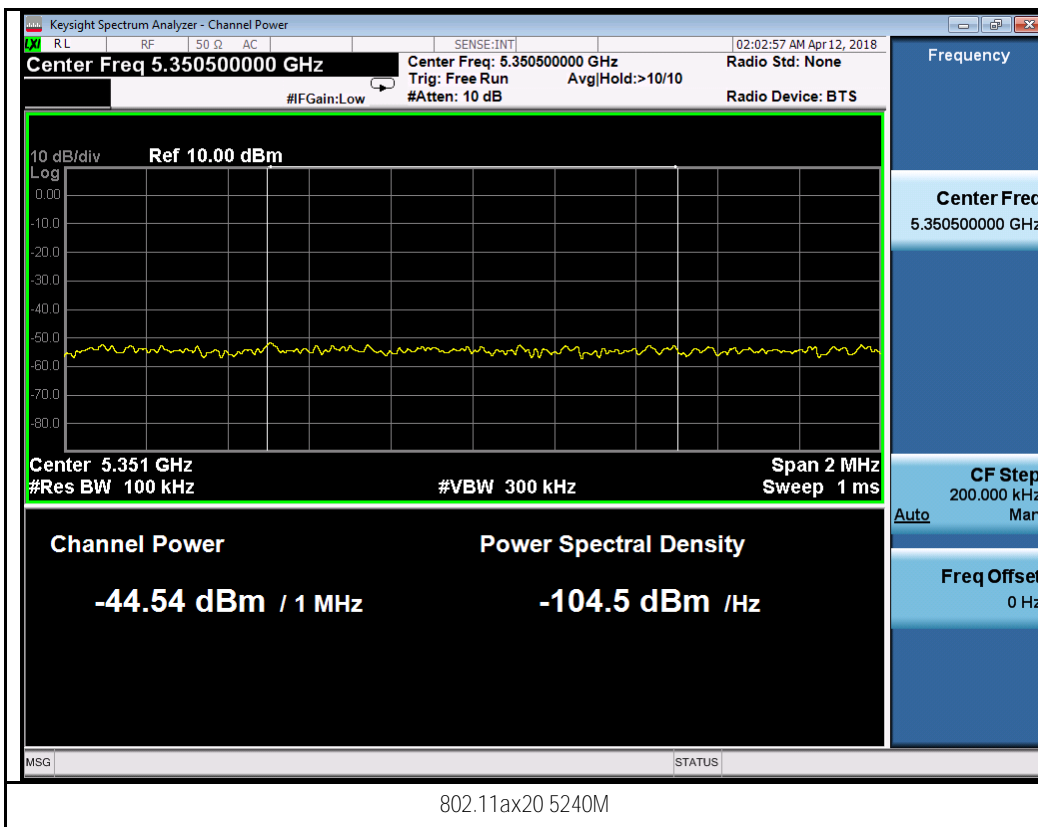
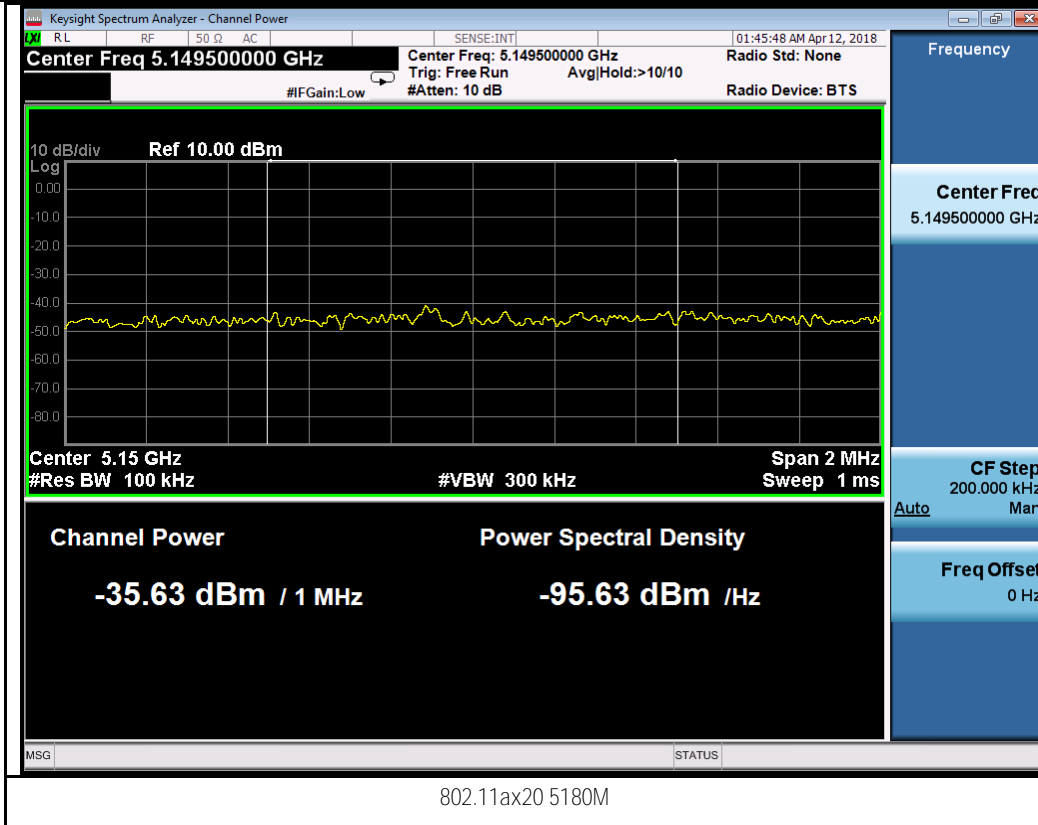
Chain 0:

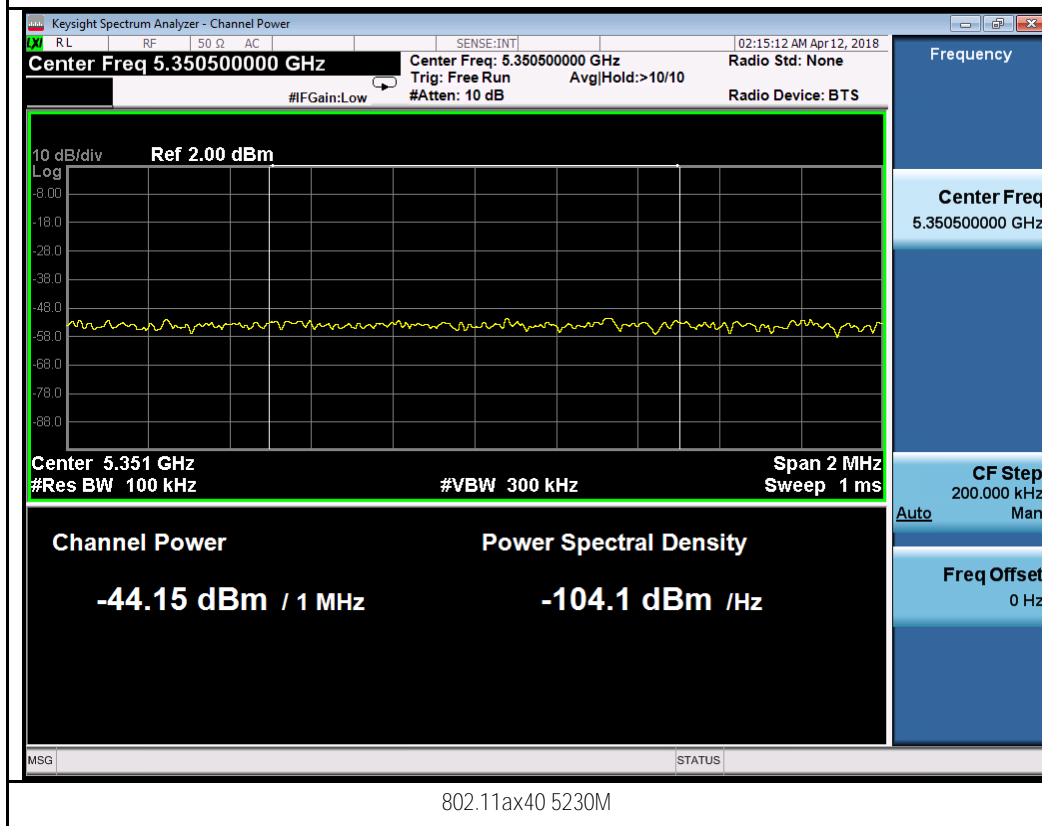
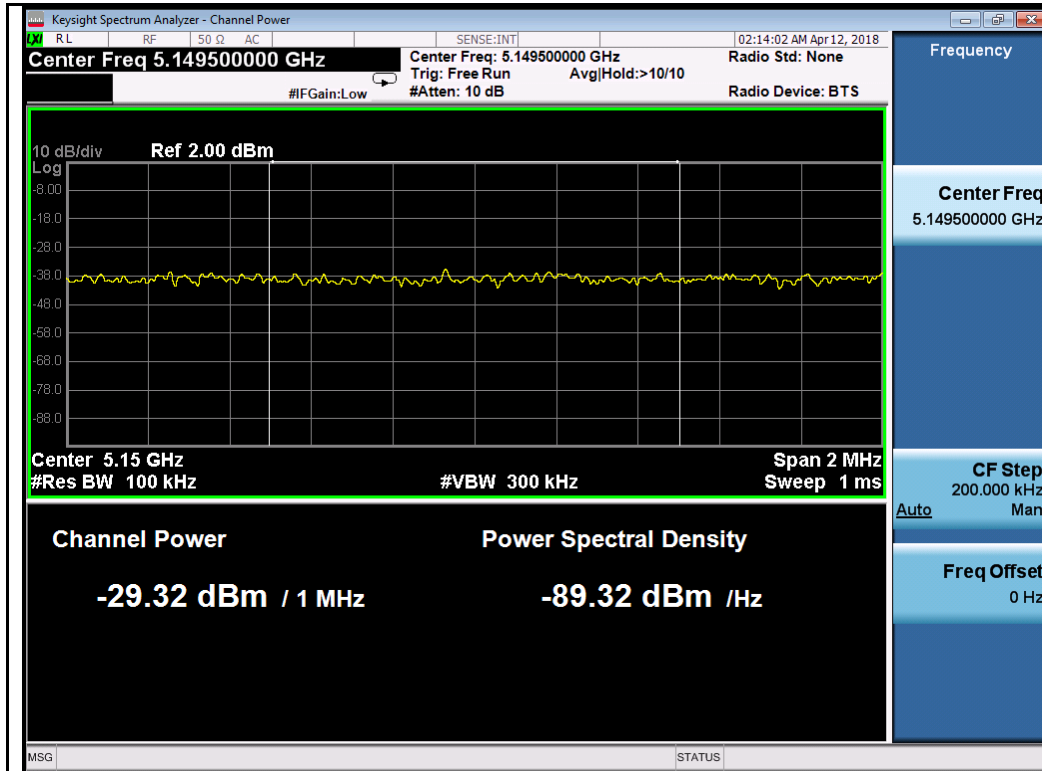


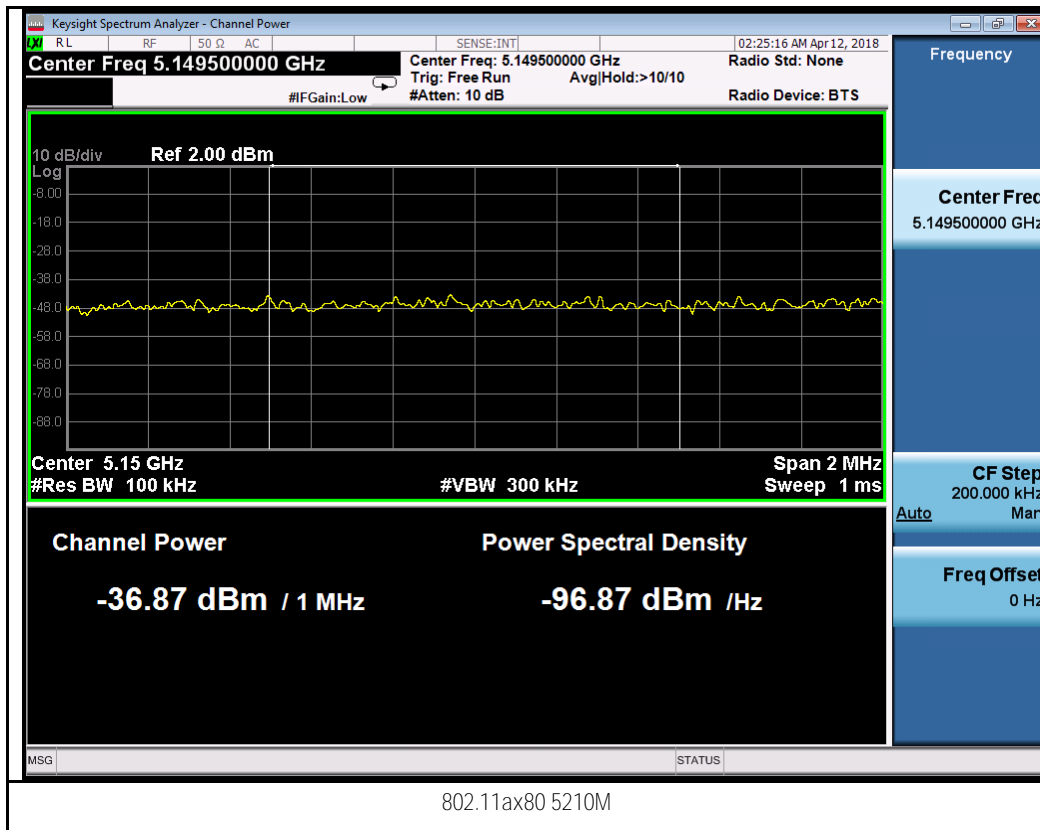
802.11a-5180M



802.11a-5240M

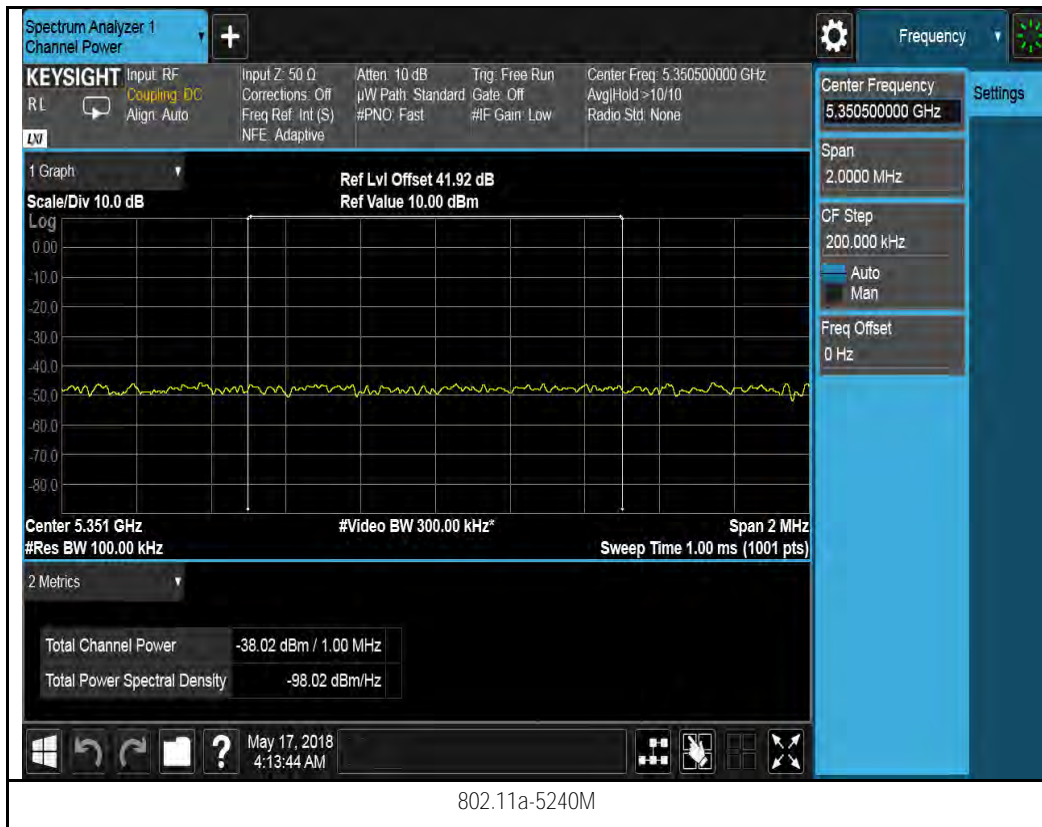
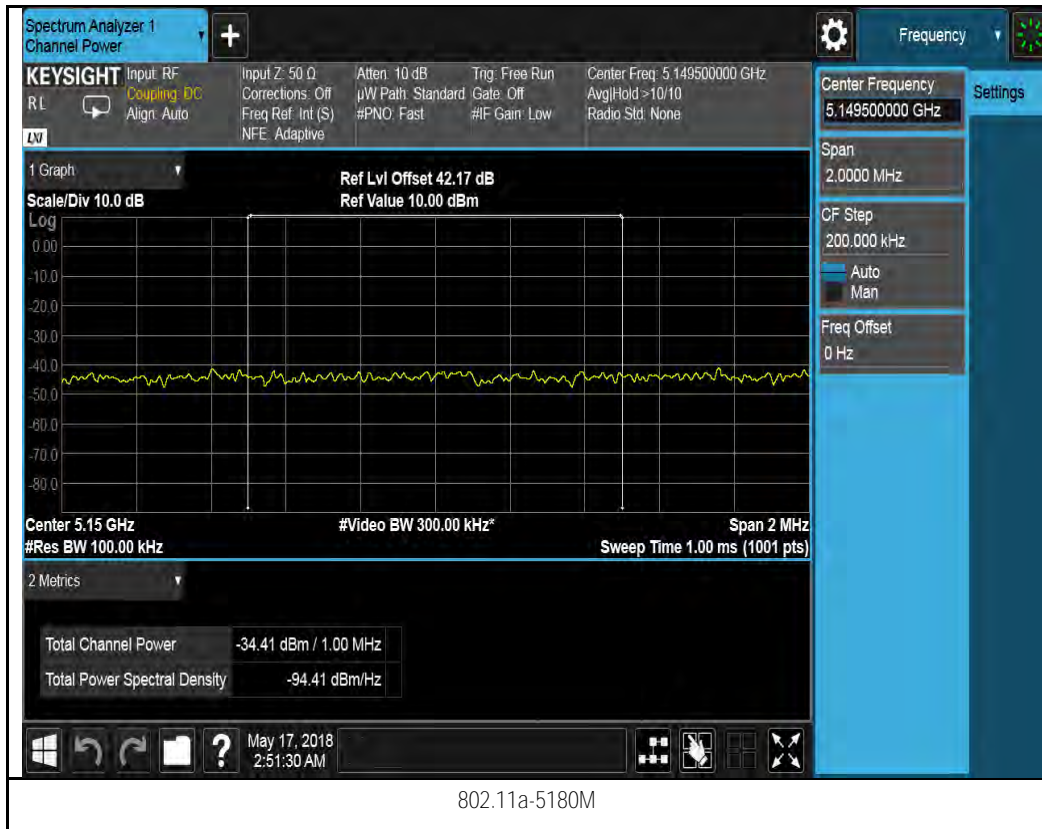


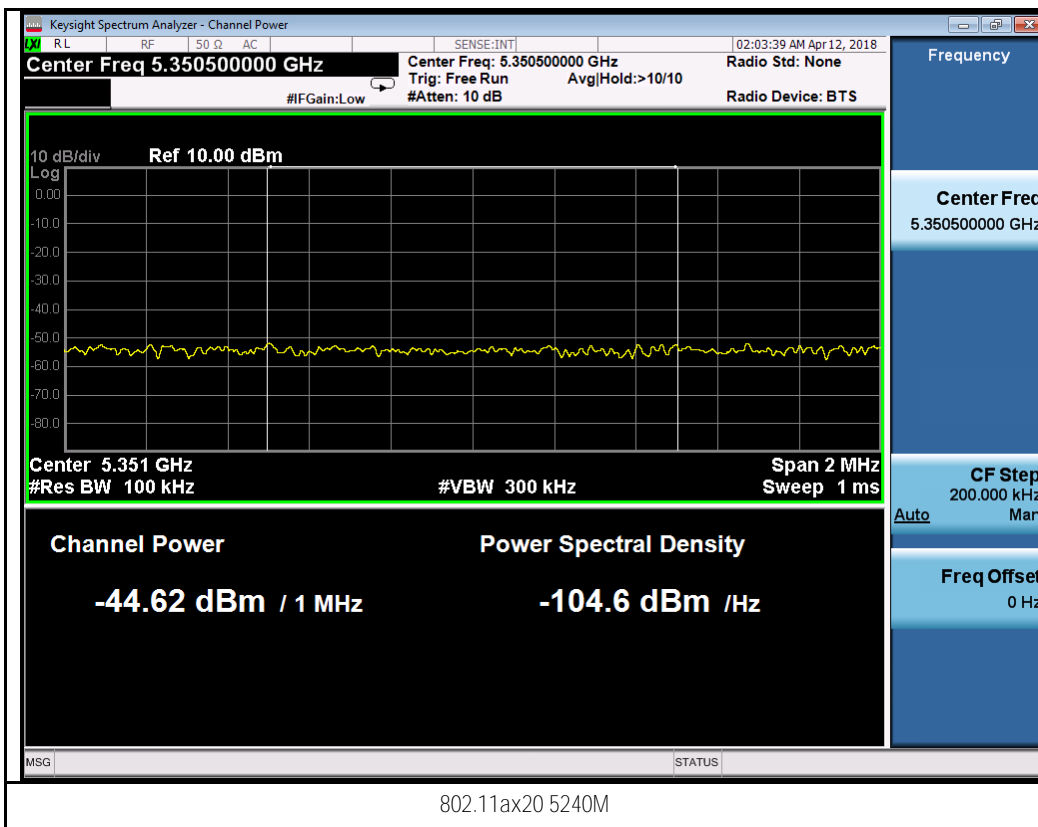
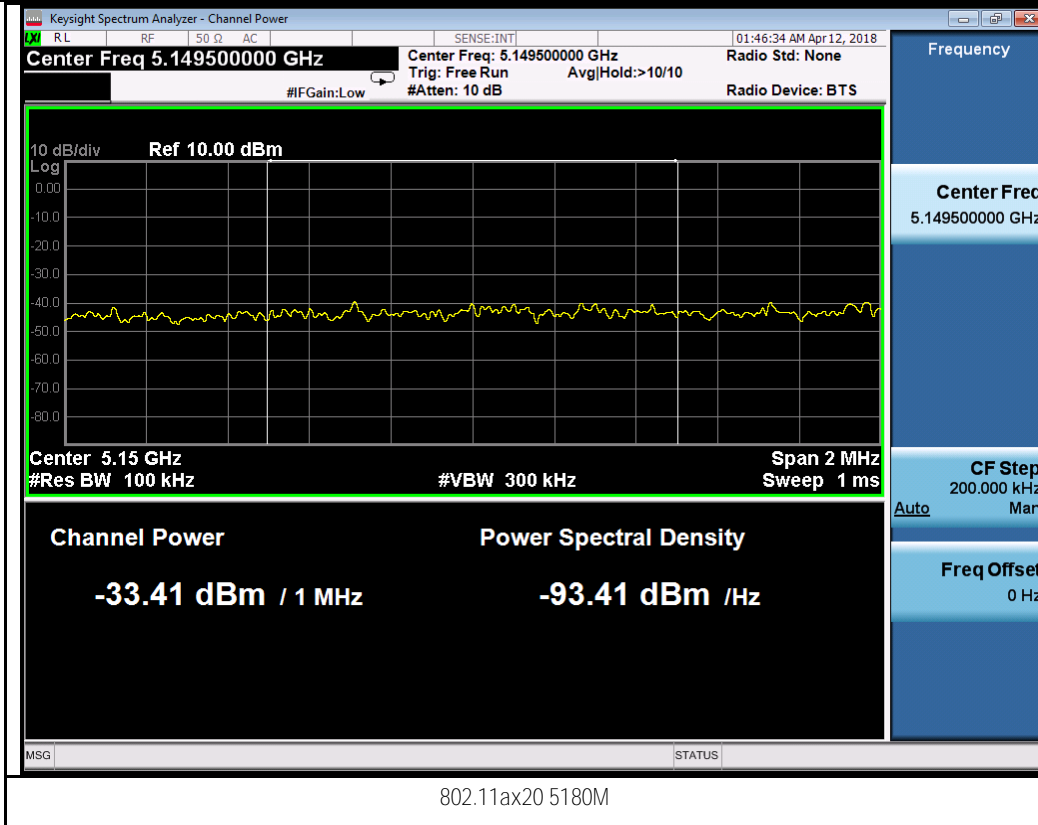


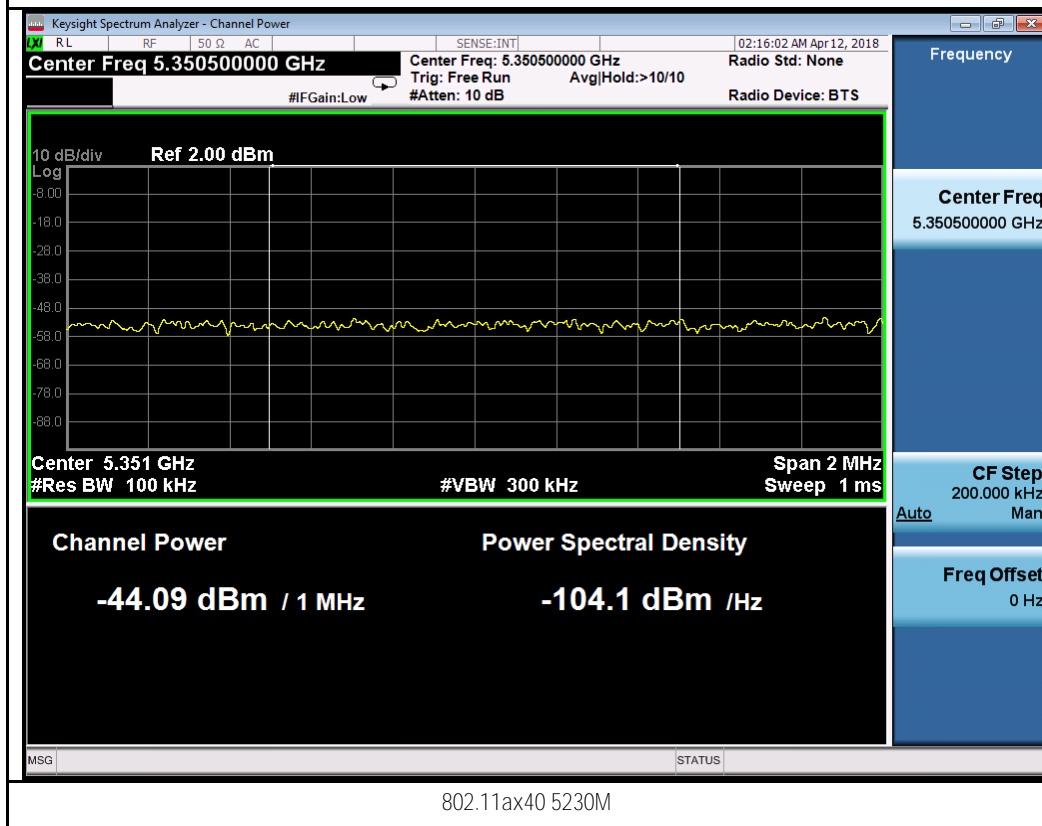
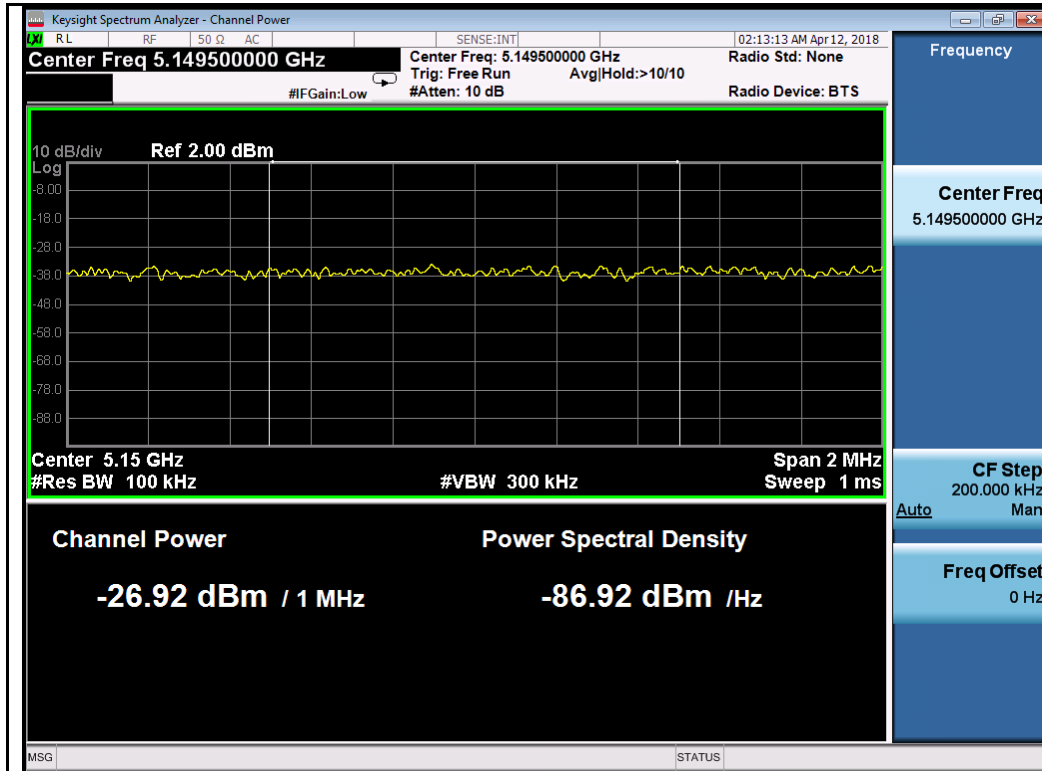


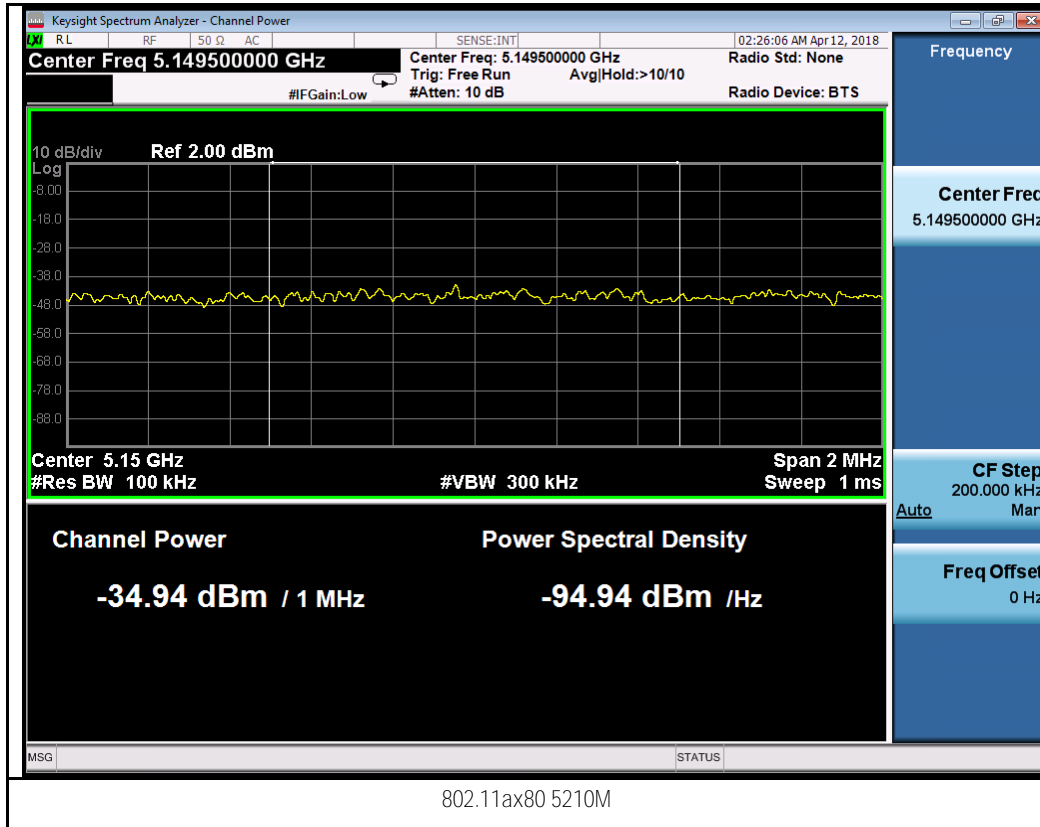


Chain 1:

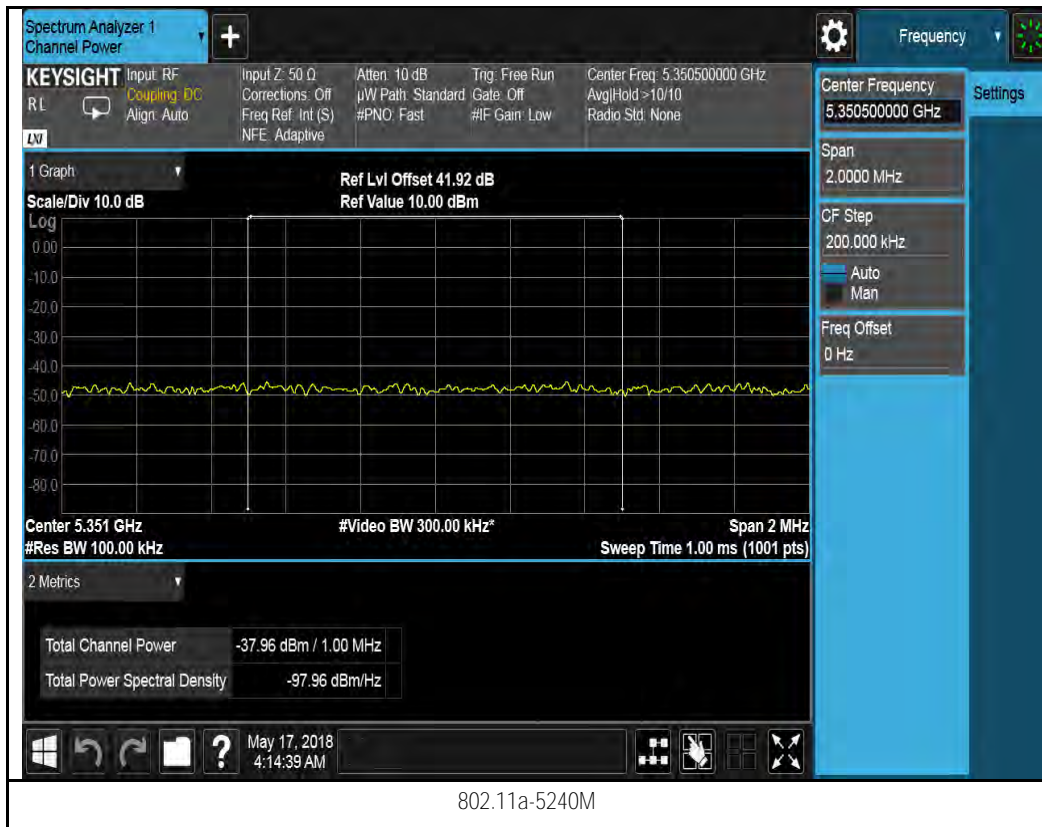
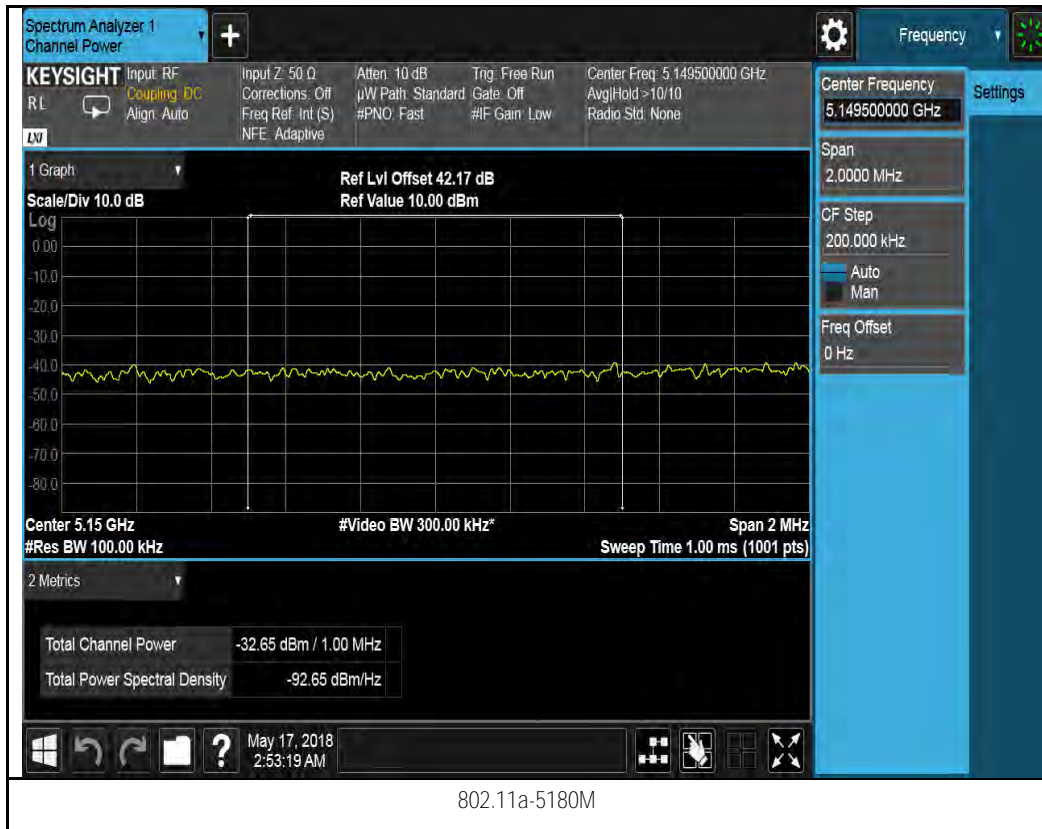


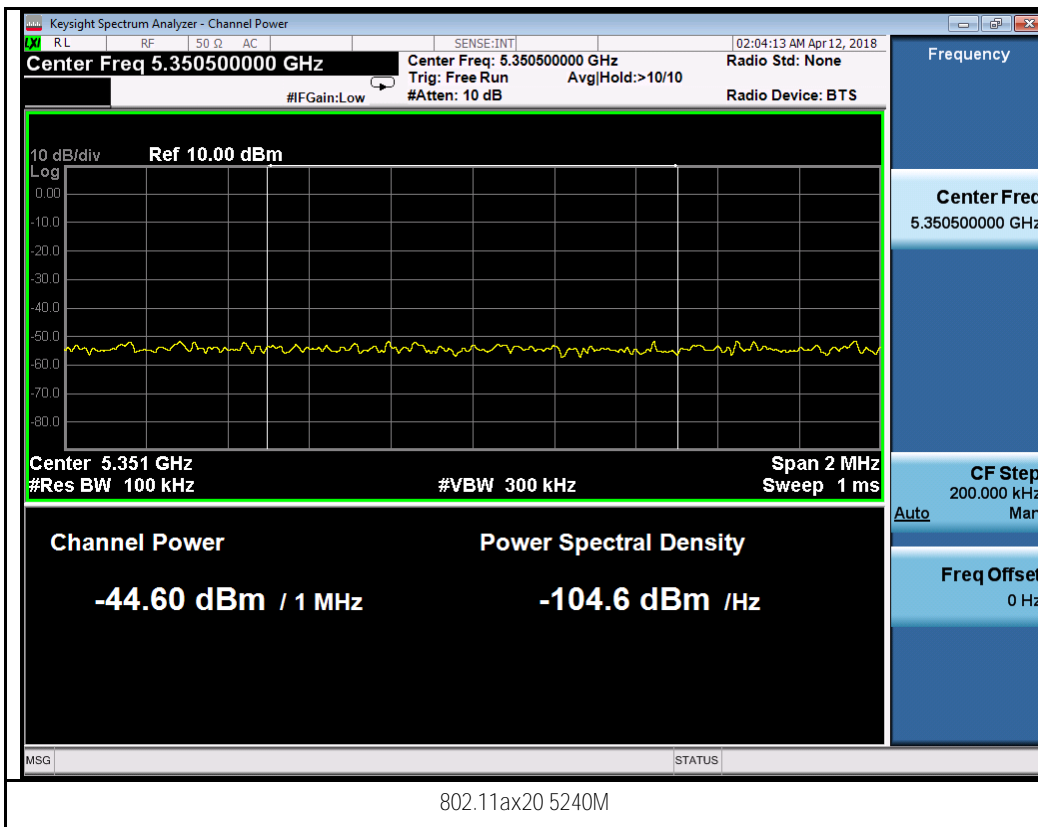
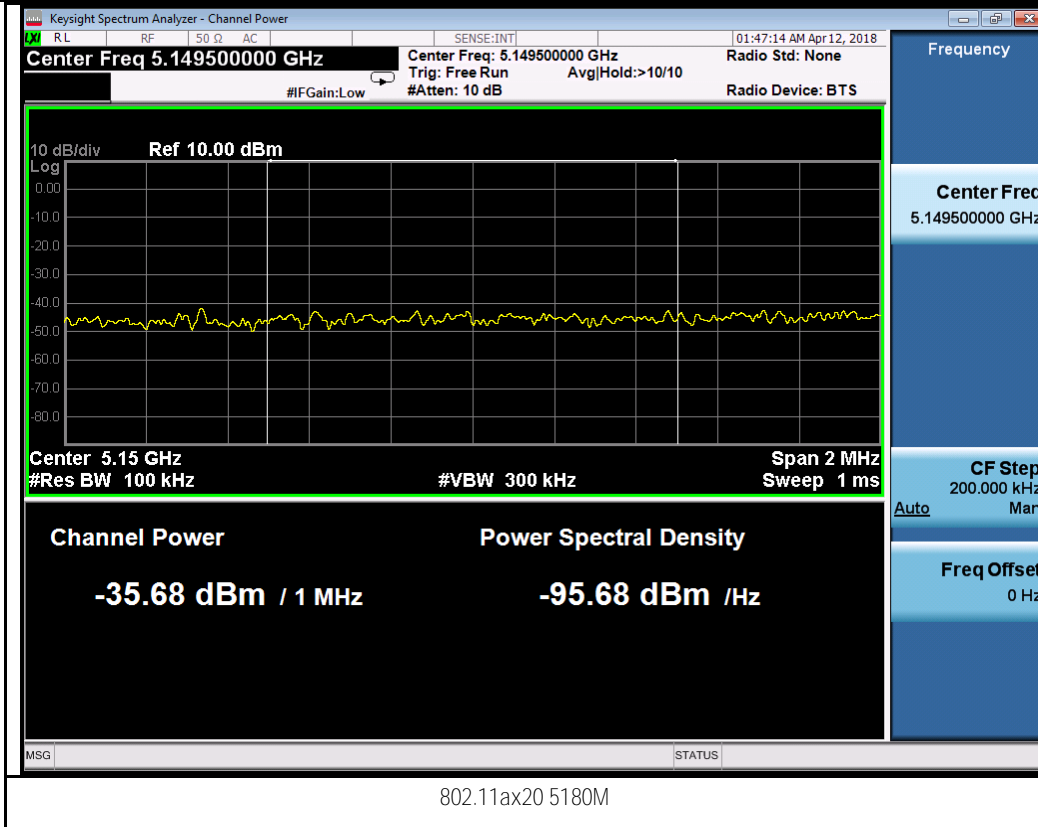


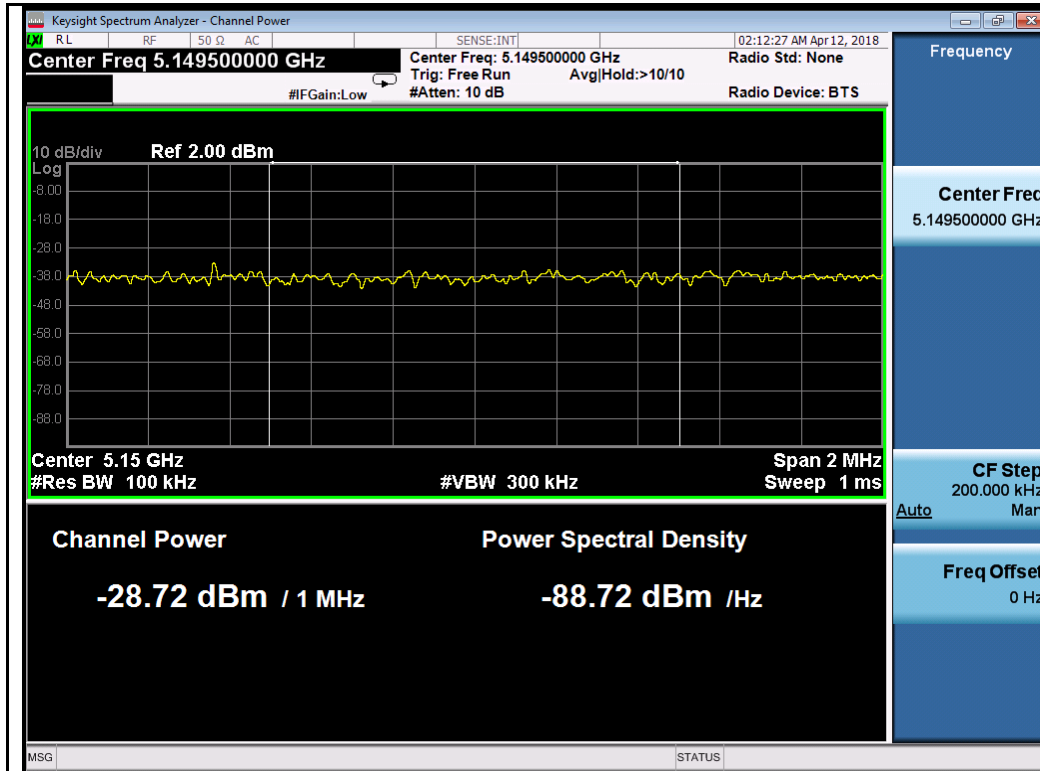




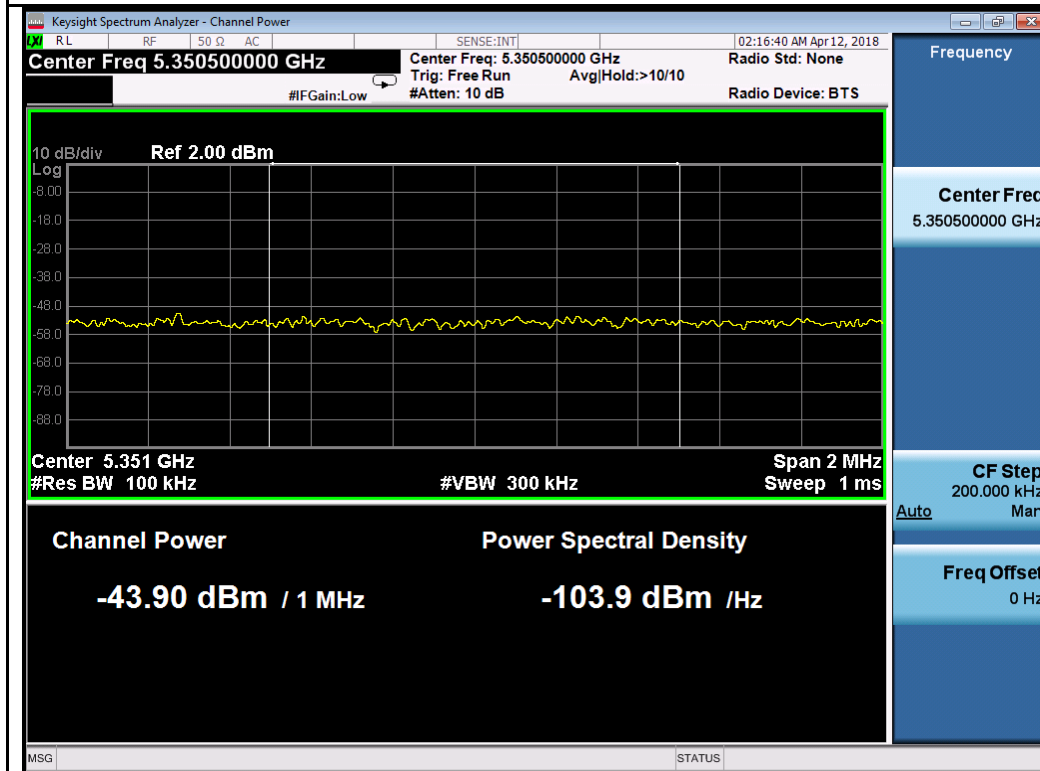
Chain 2:



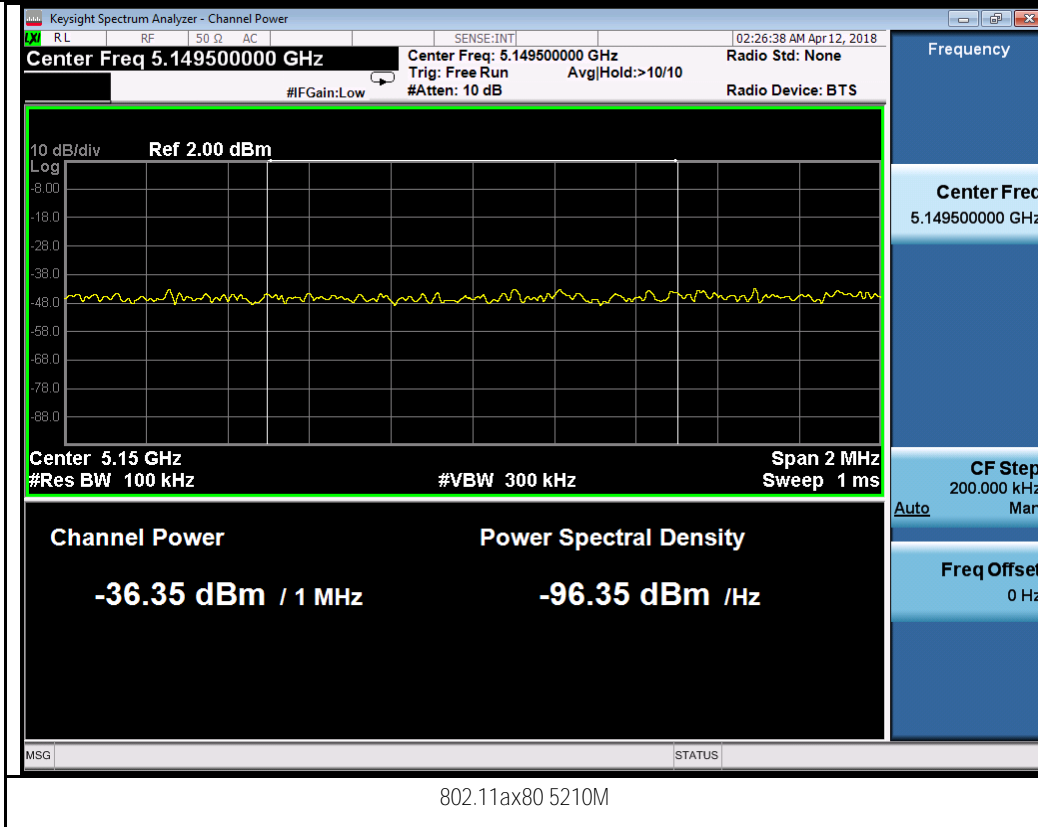




802.11ax40 5190M

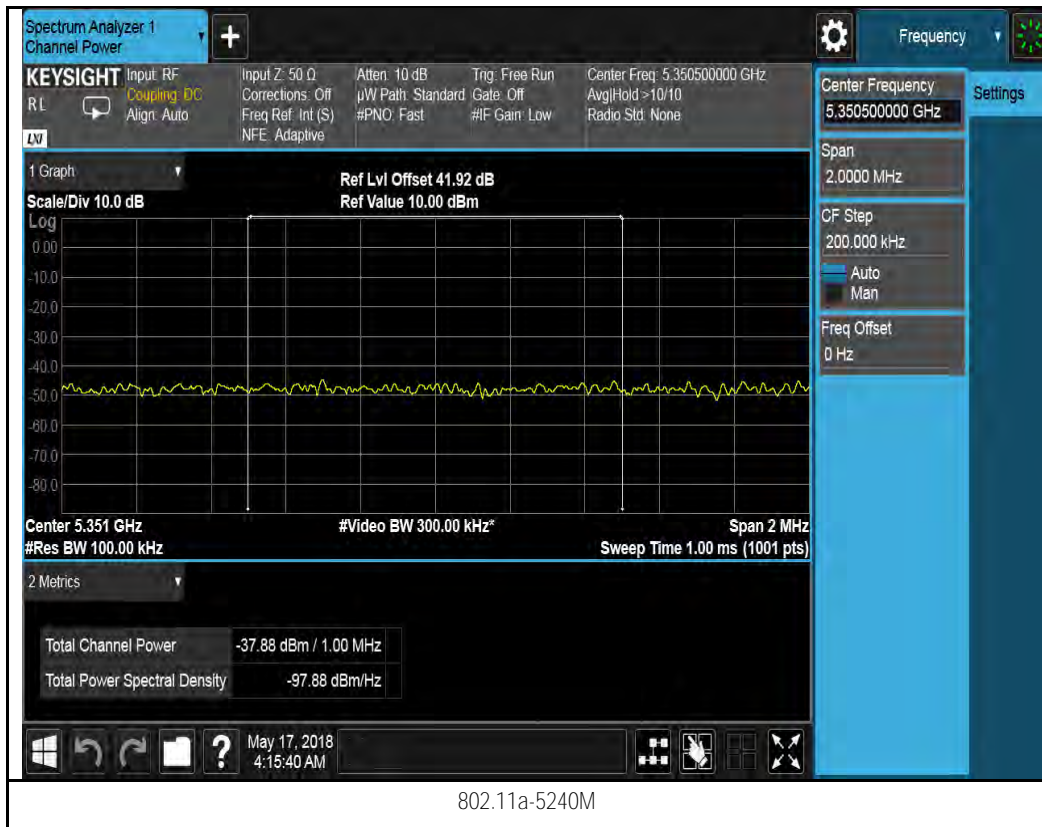
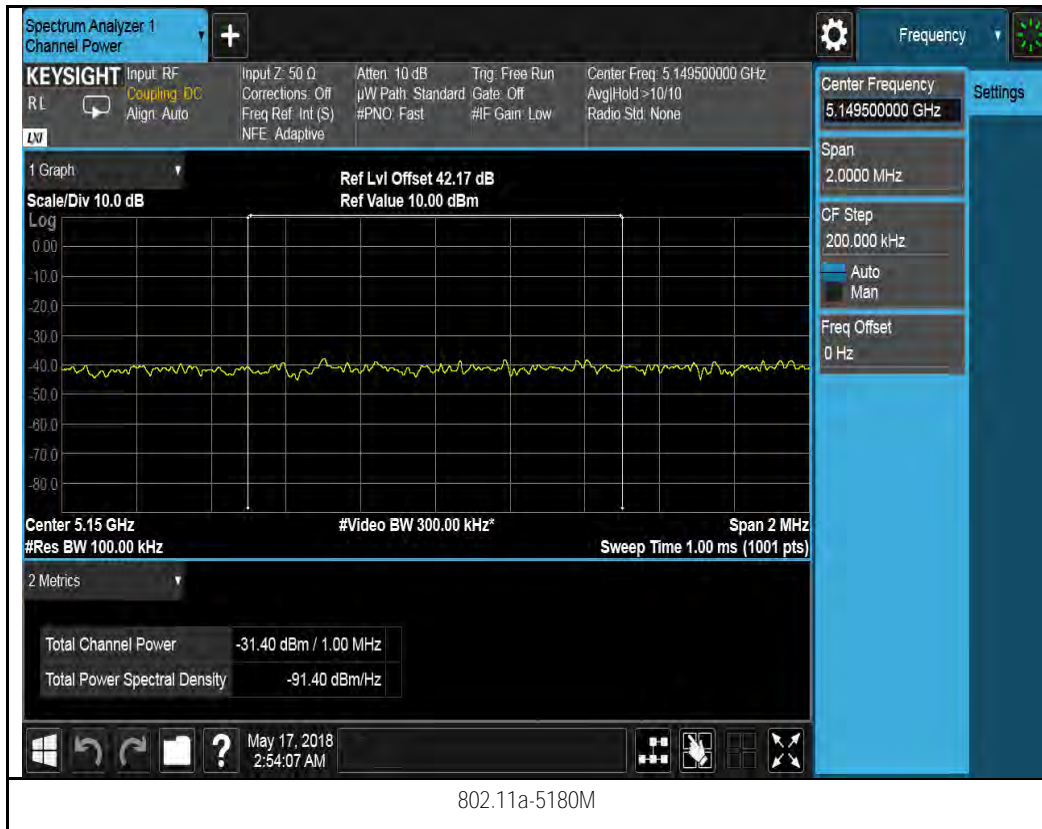


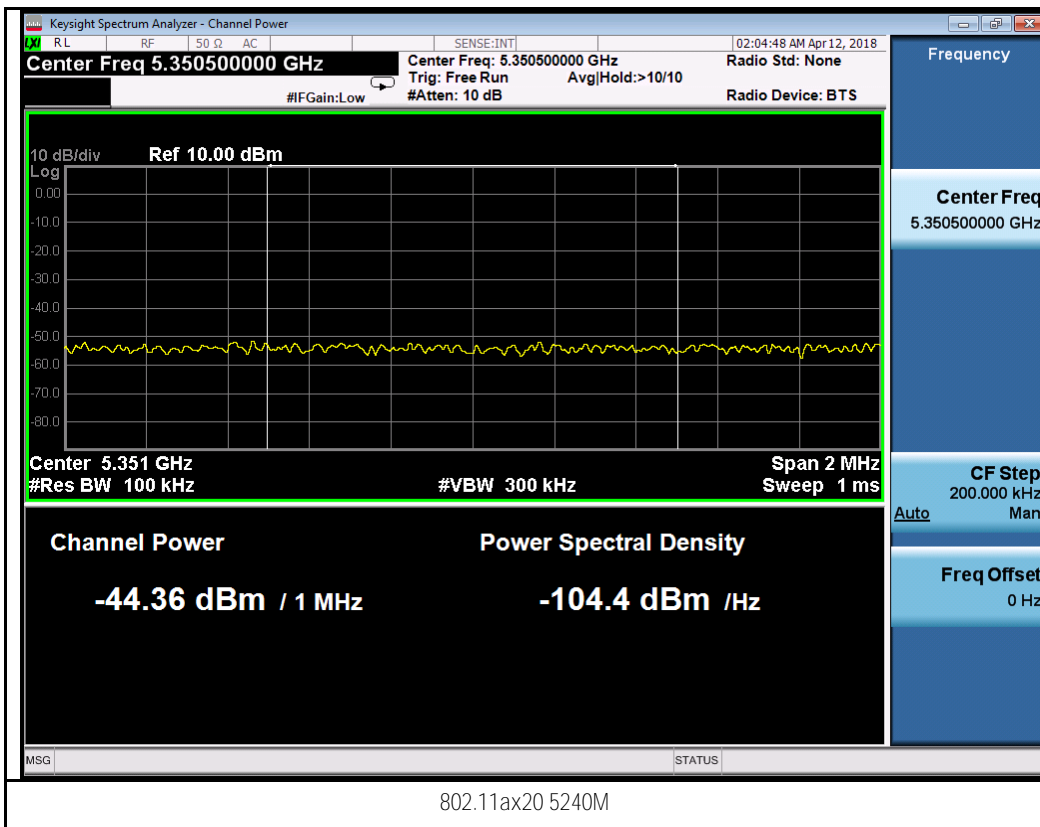
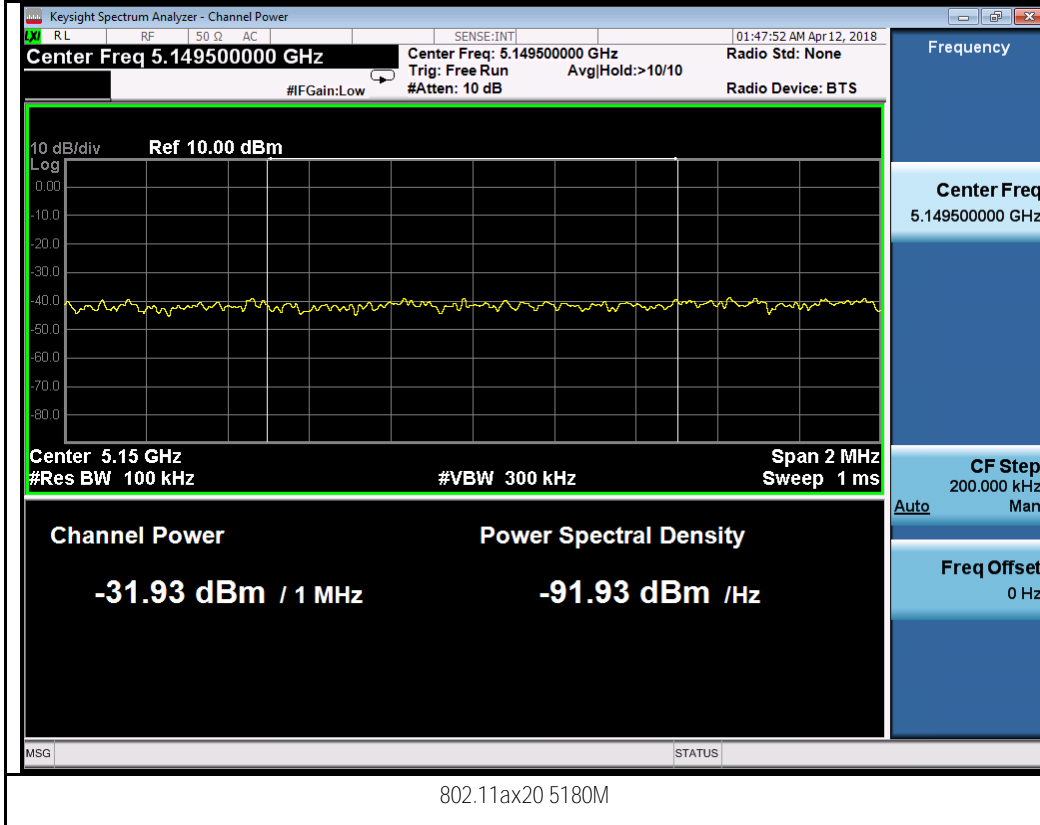
802.11ax40 5230M

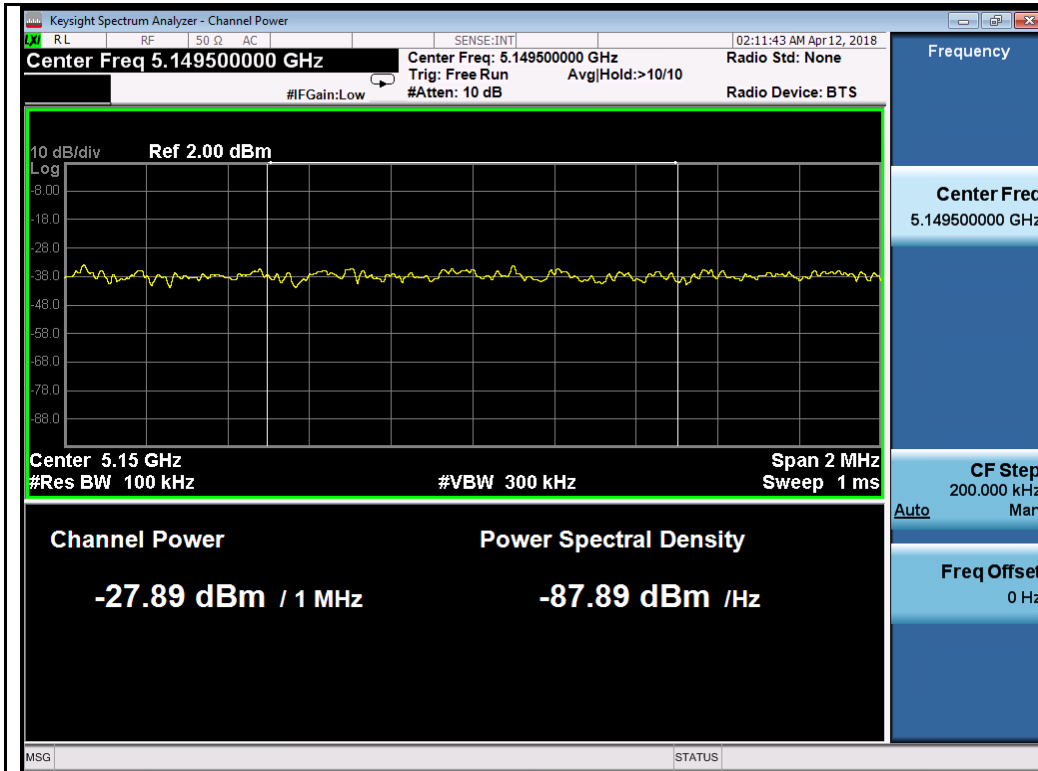




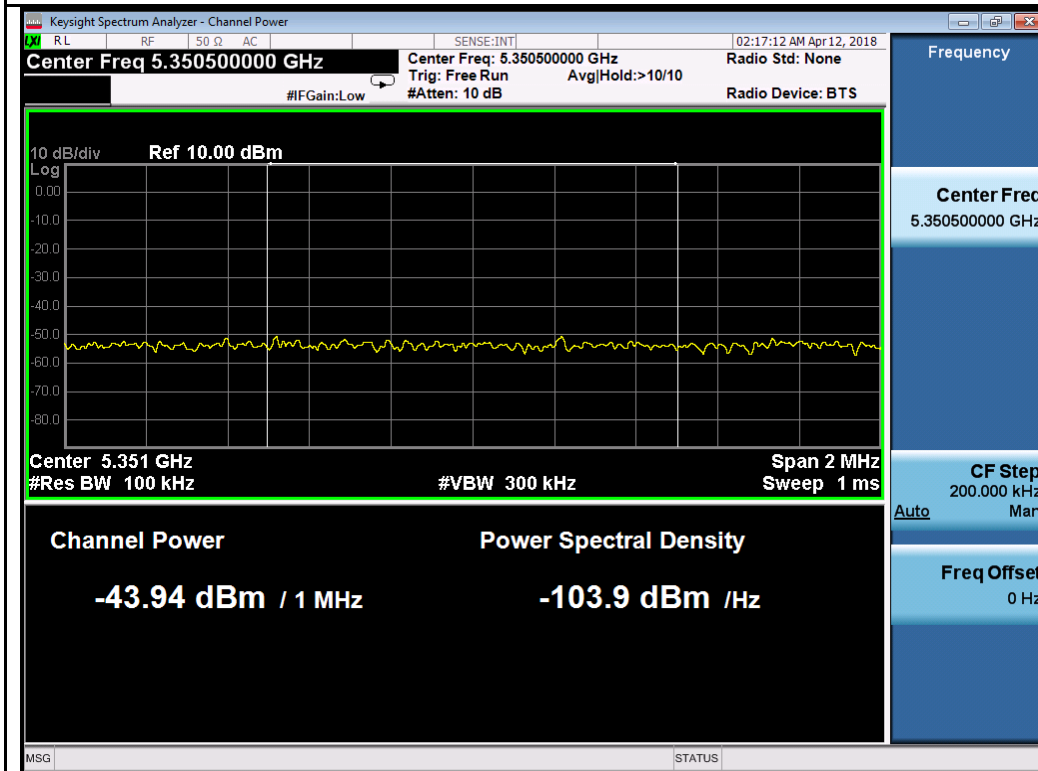
Chain 3:



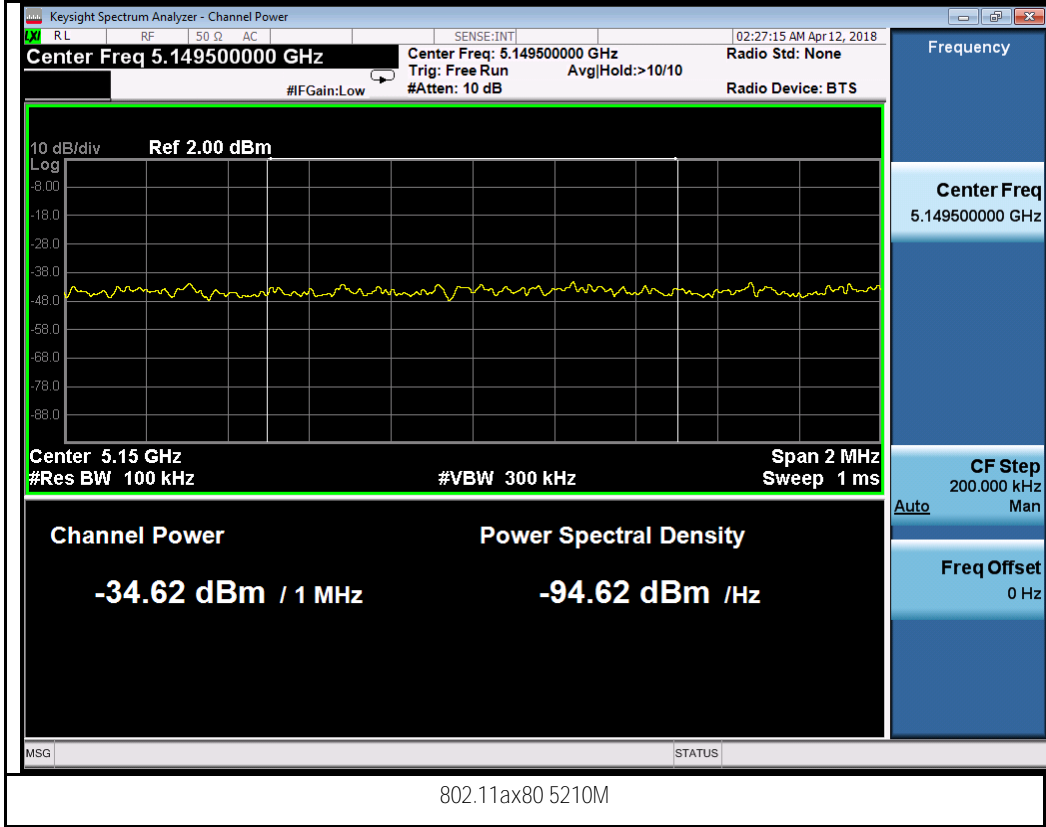




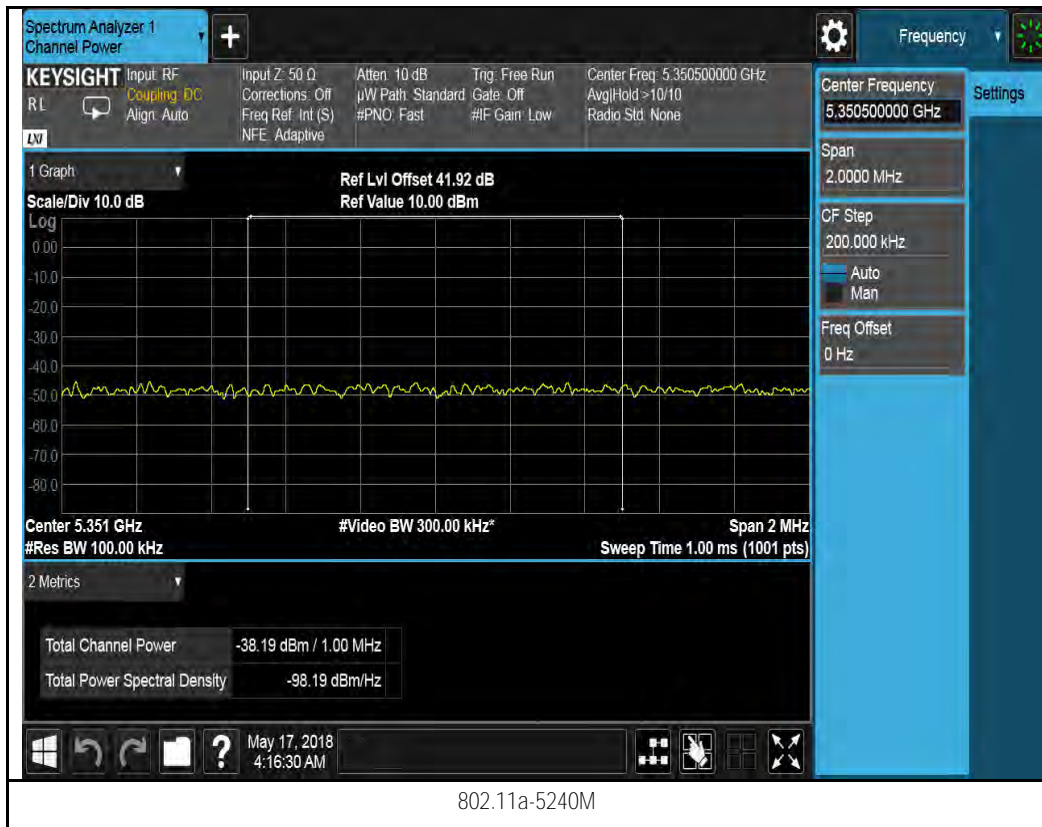
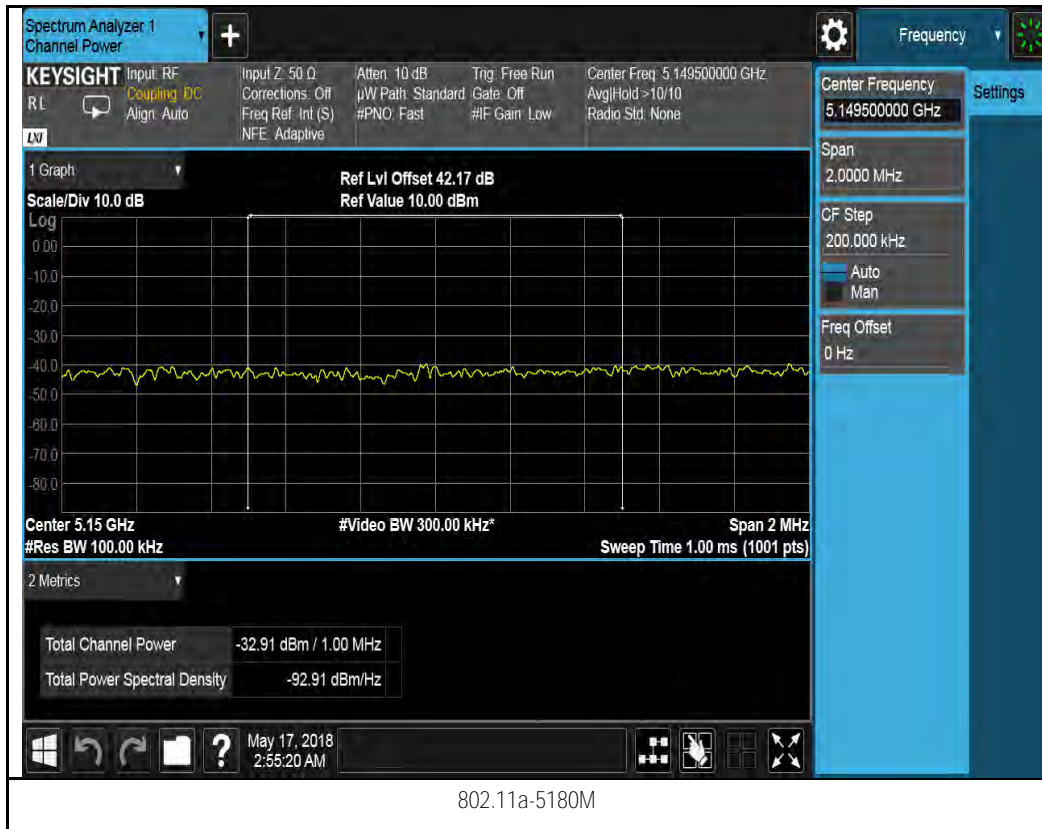
802.11ax40 5190M

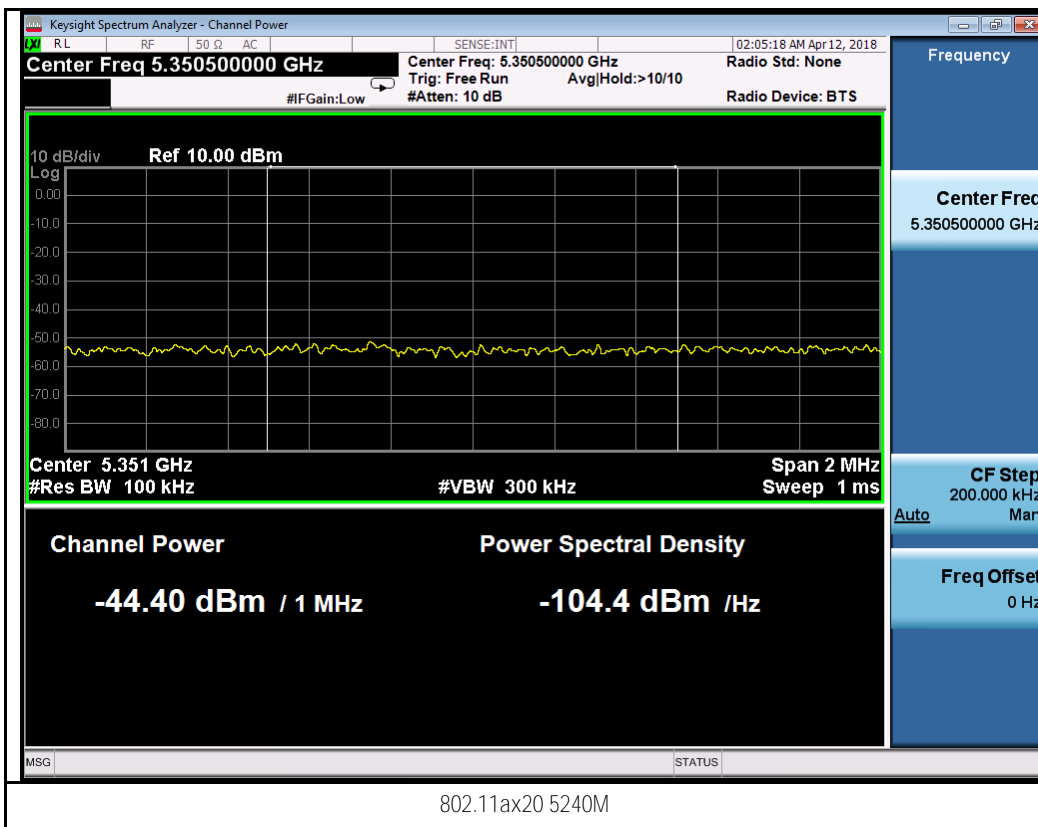
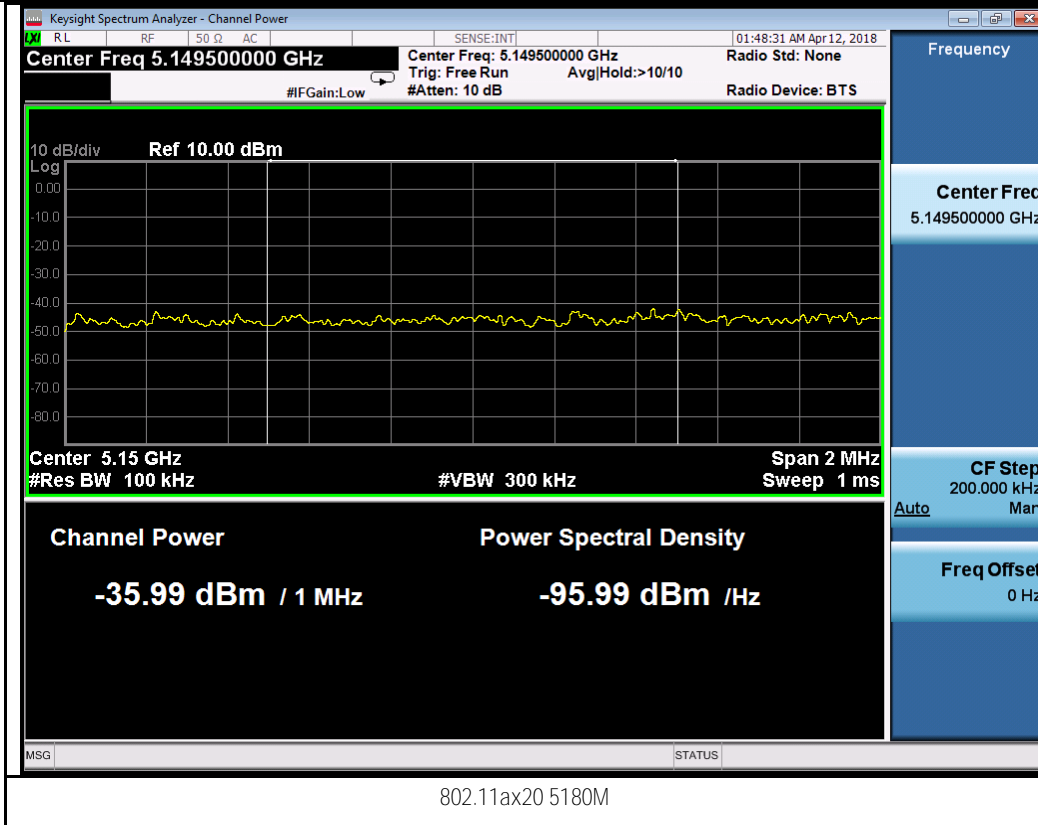


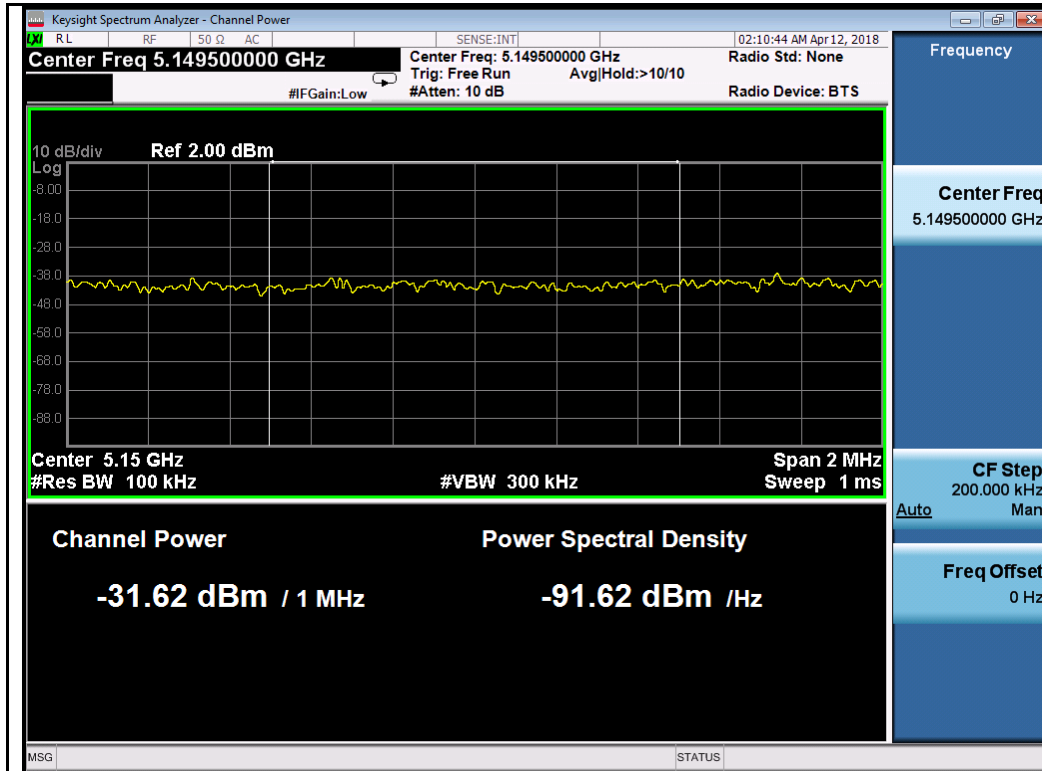
802.11ax40 5230M



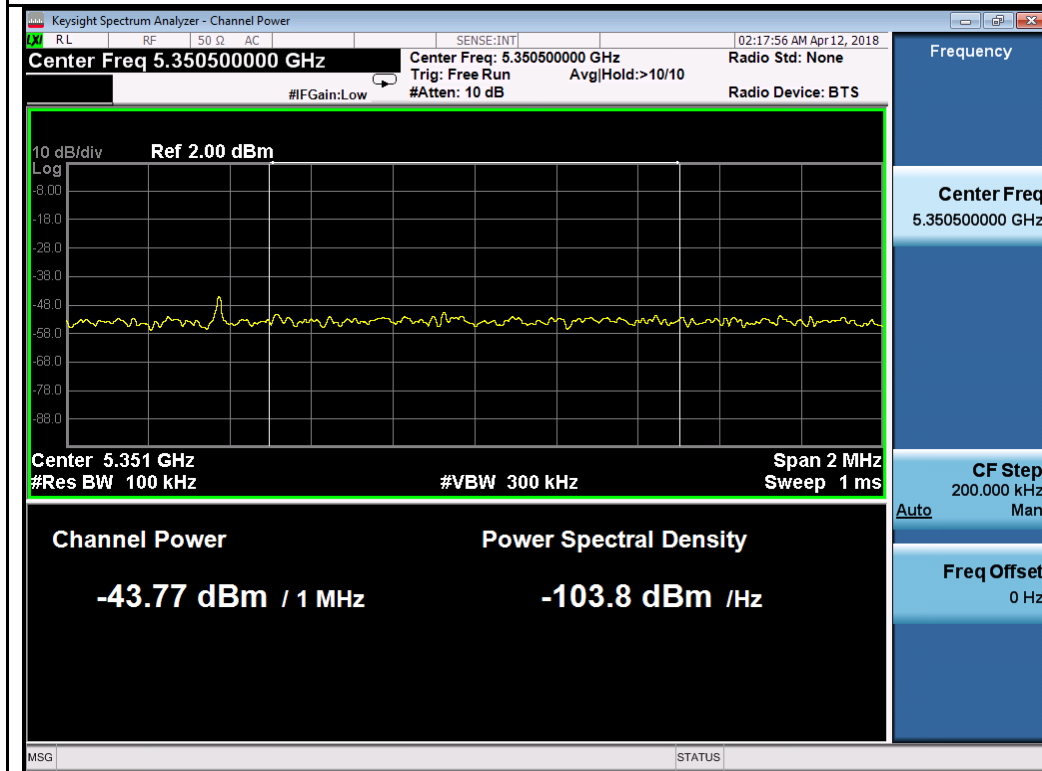
Chain 4:



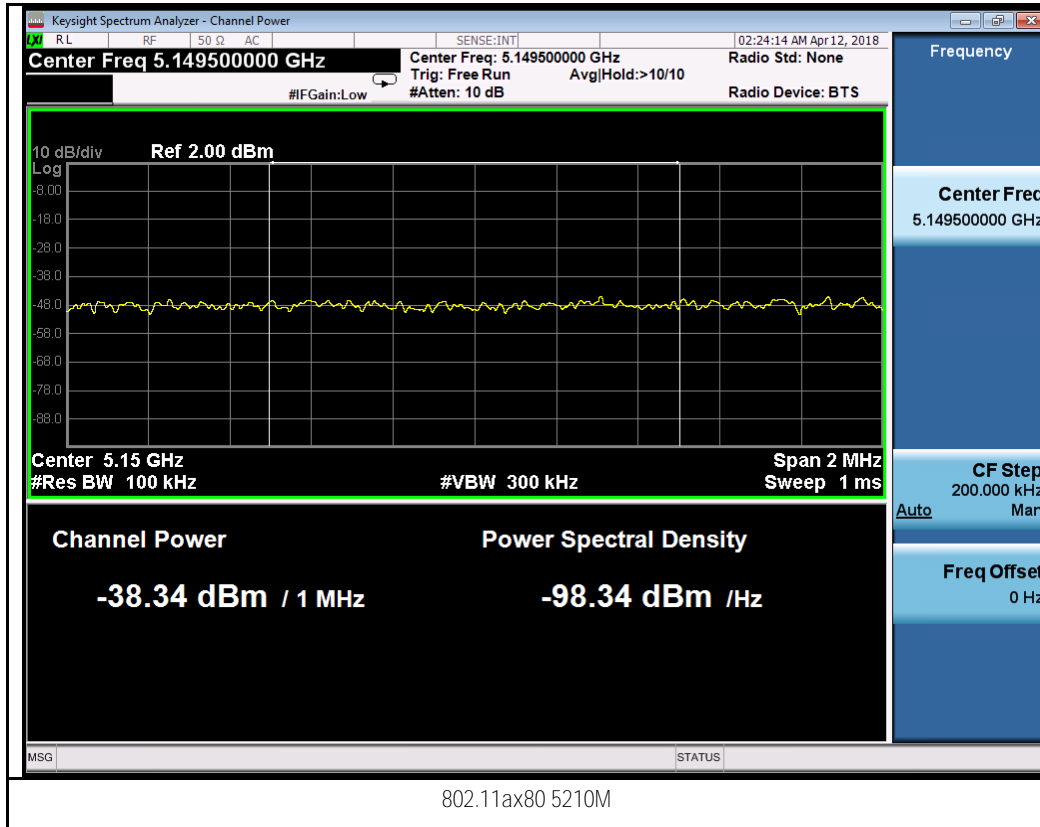




802.11ax40 5190M

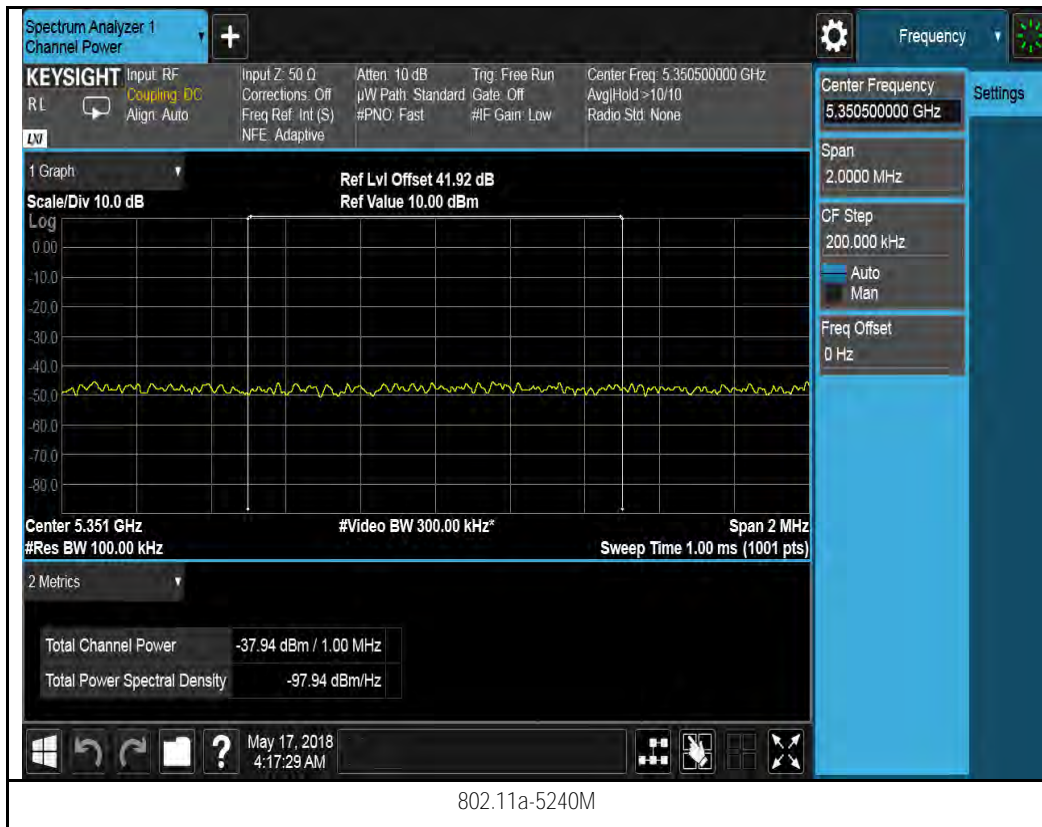
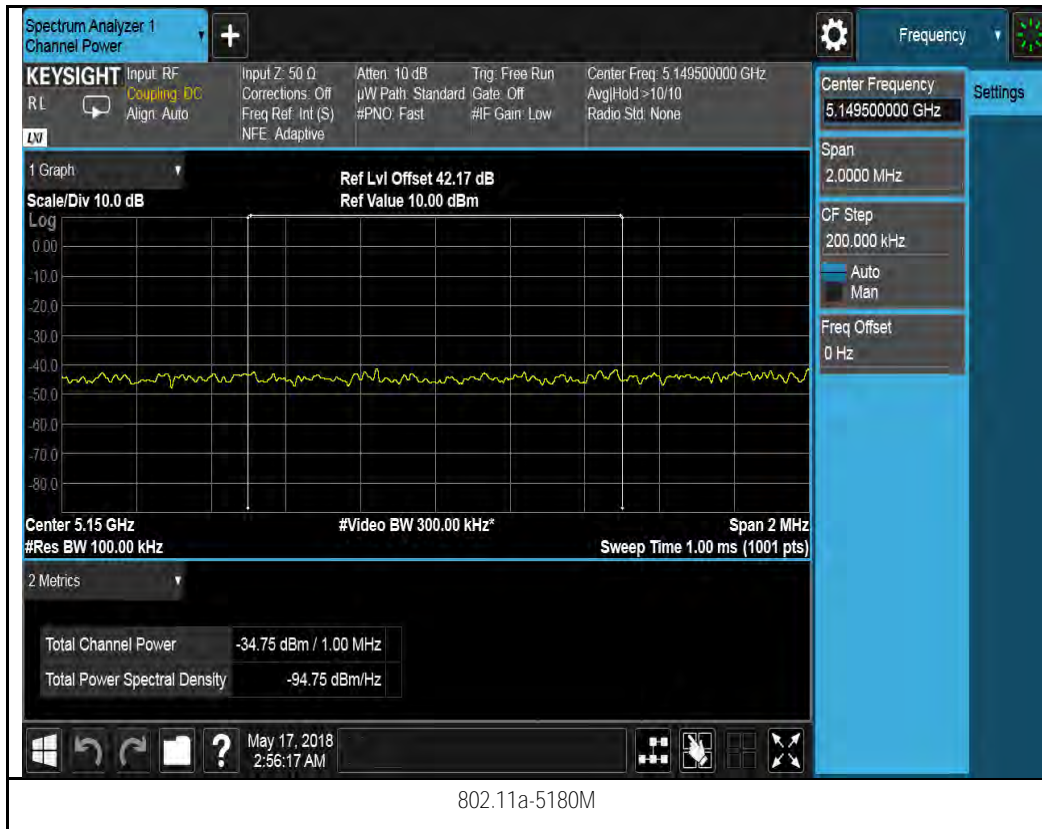


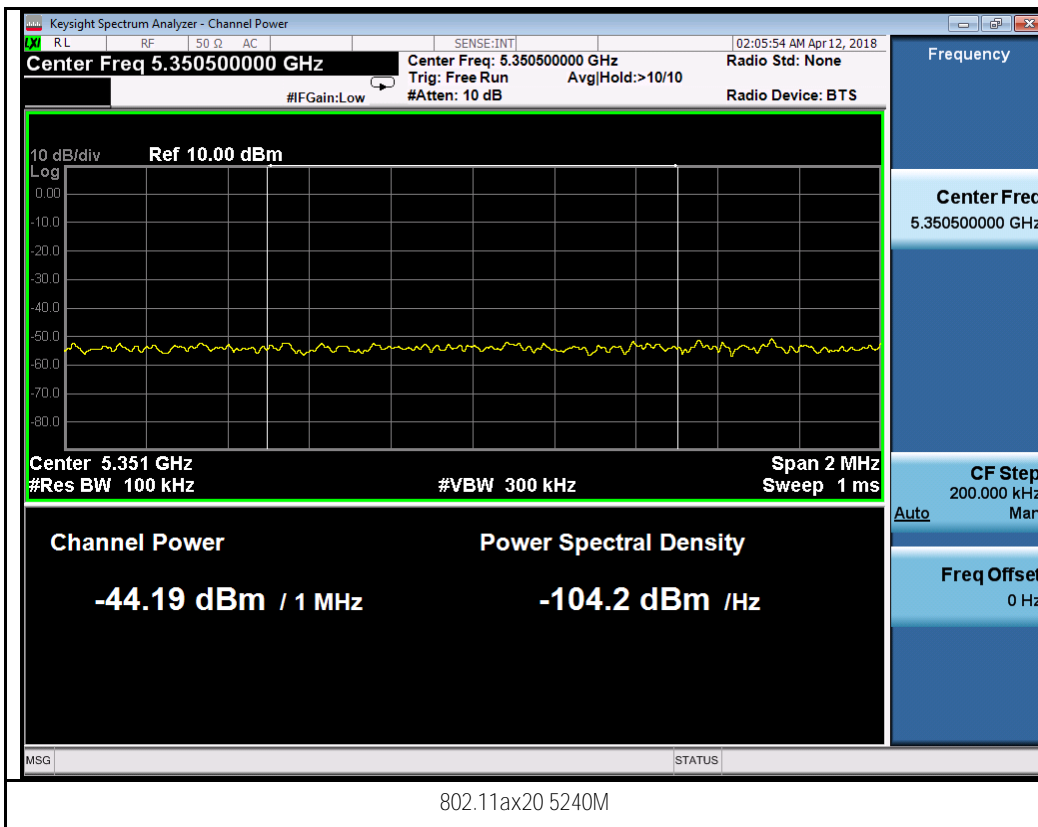
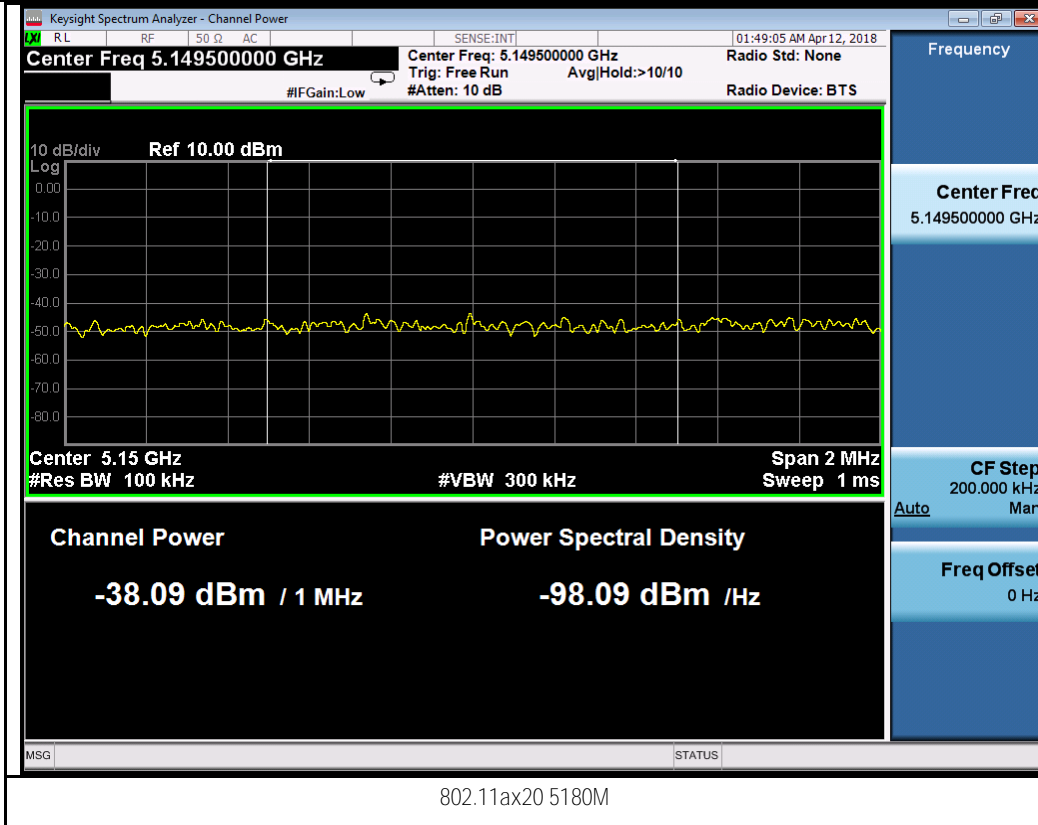
802.11ax40 5230M

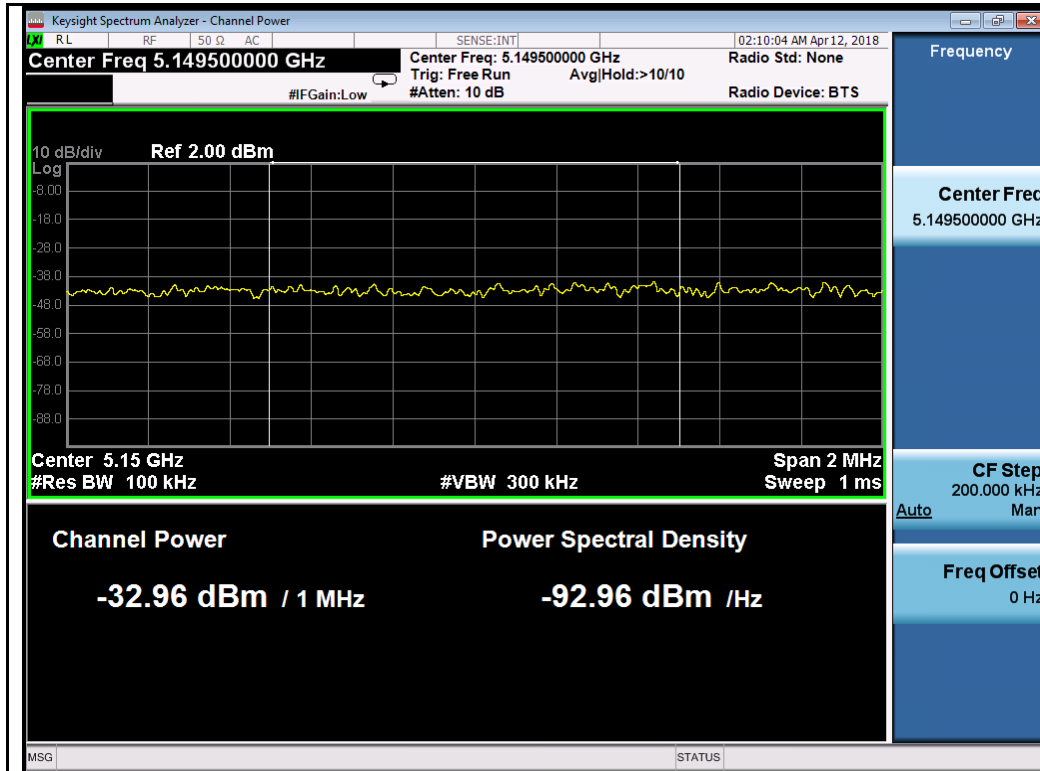




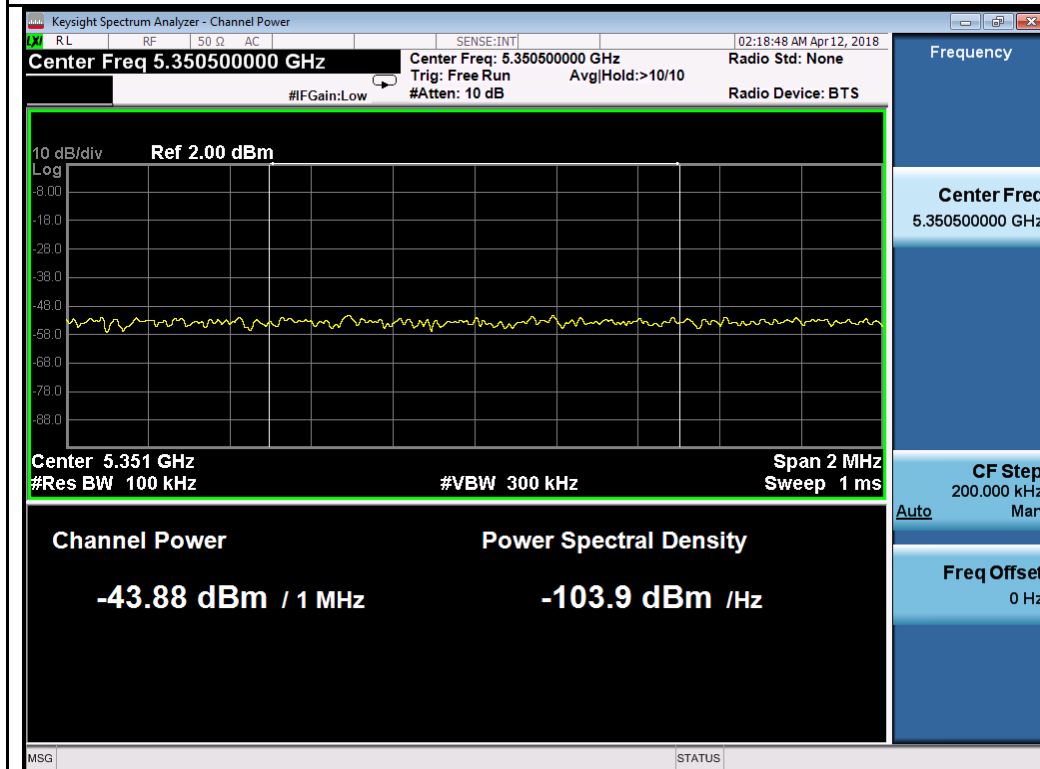
Chain 5:



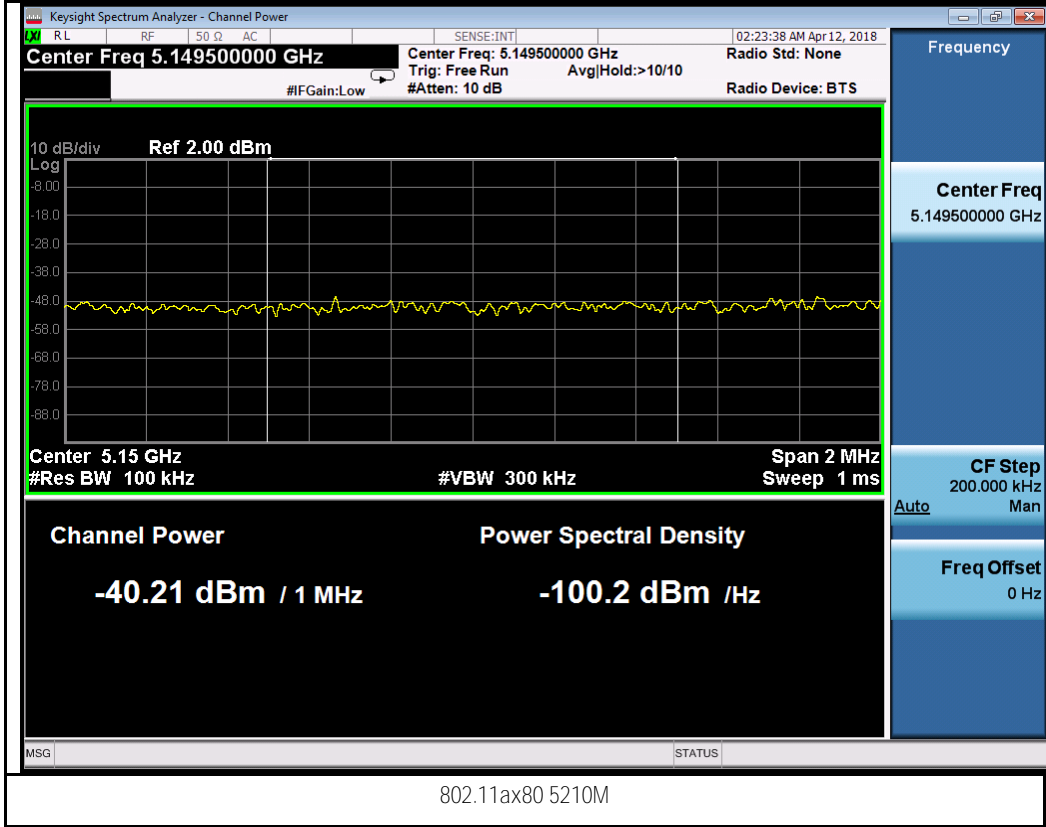




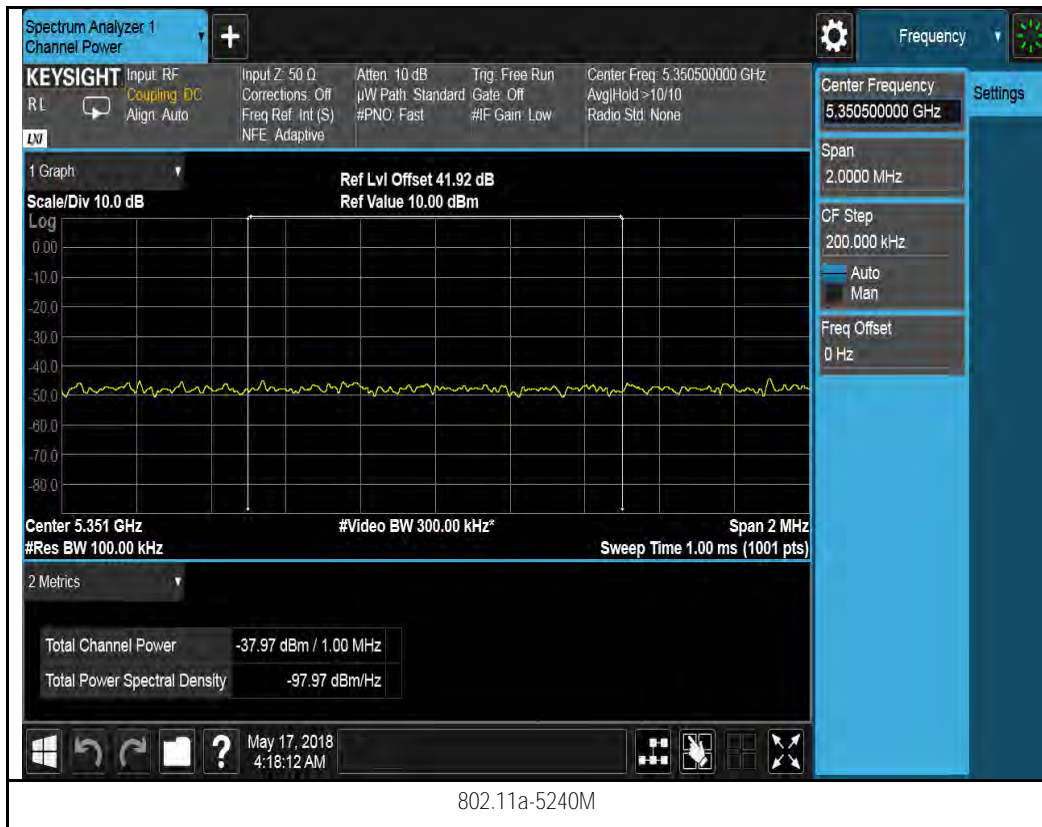
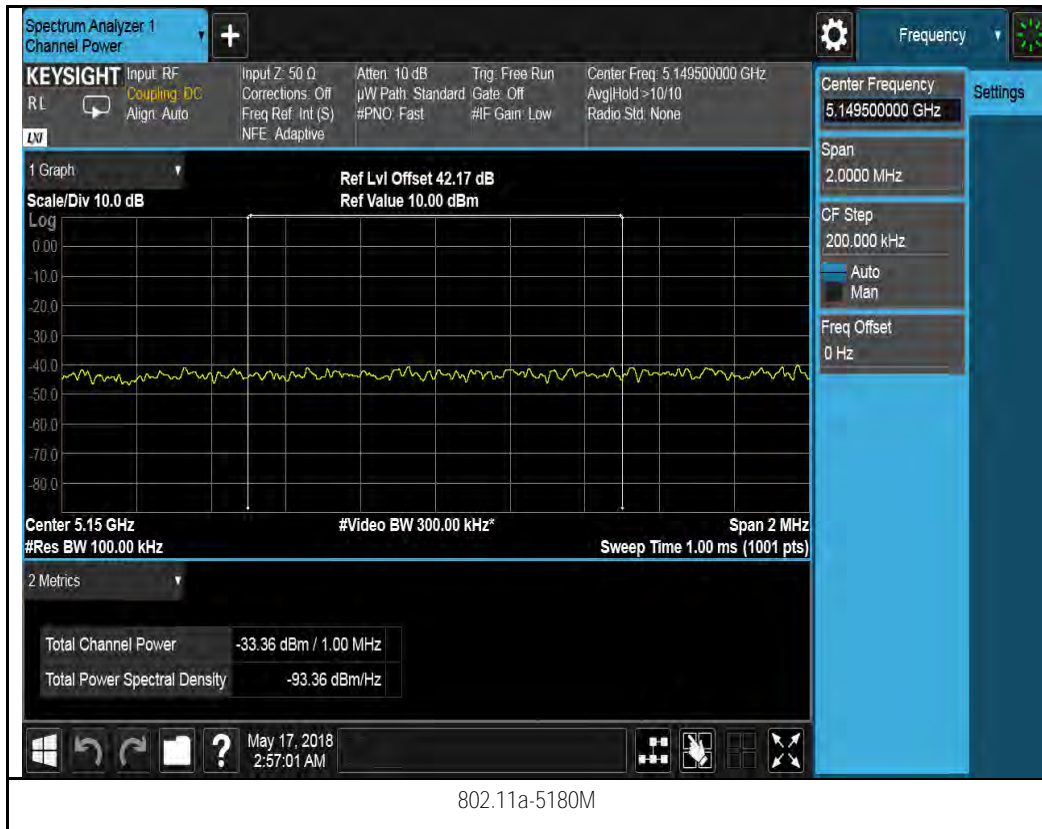
802.11ax40 5190M

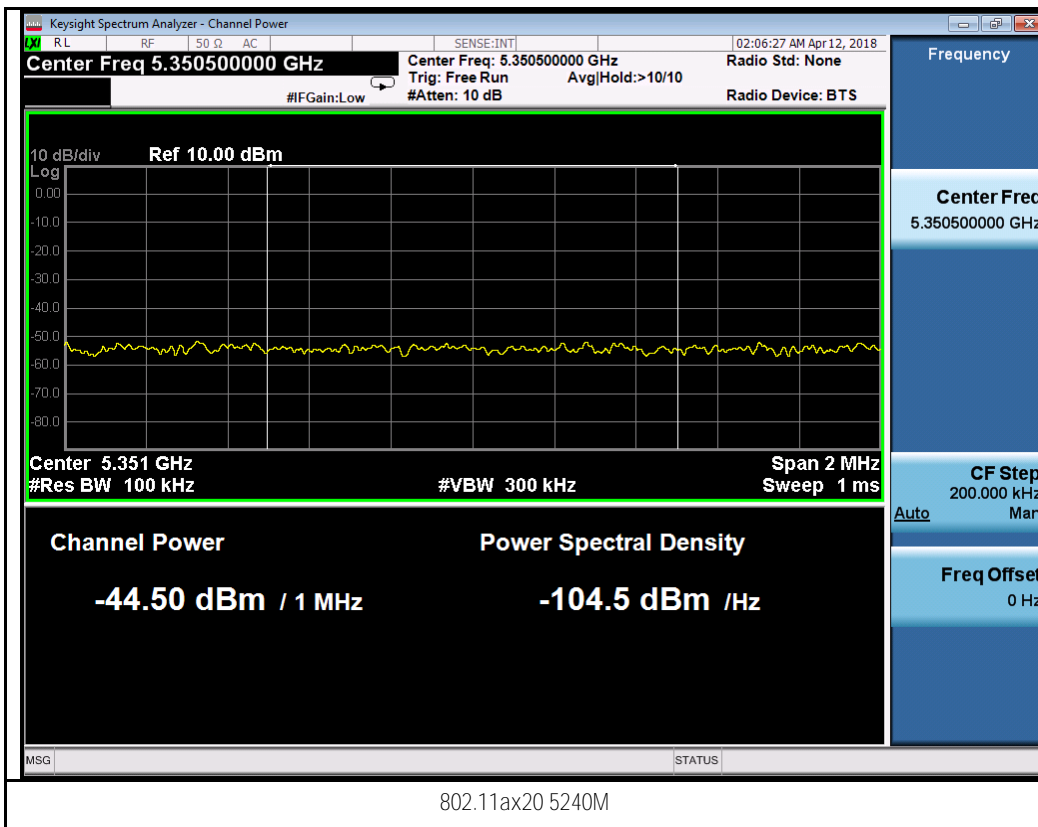
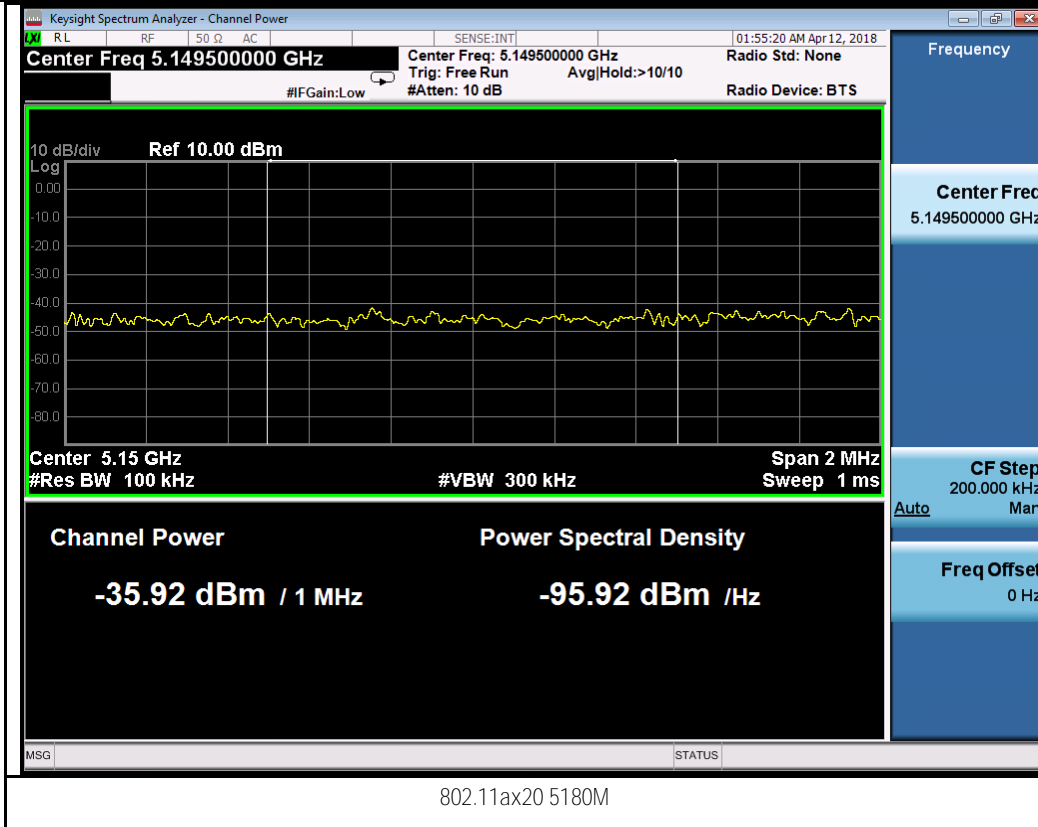


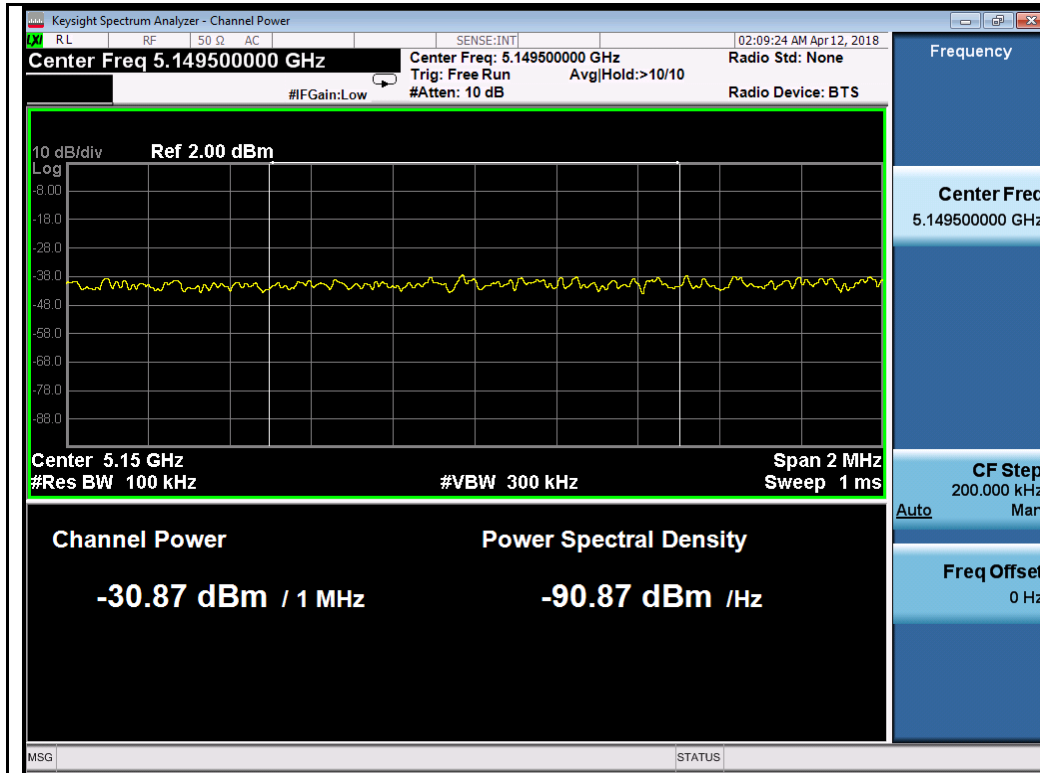
802.11ax40 5230M



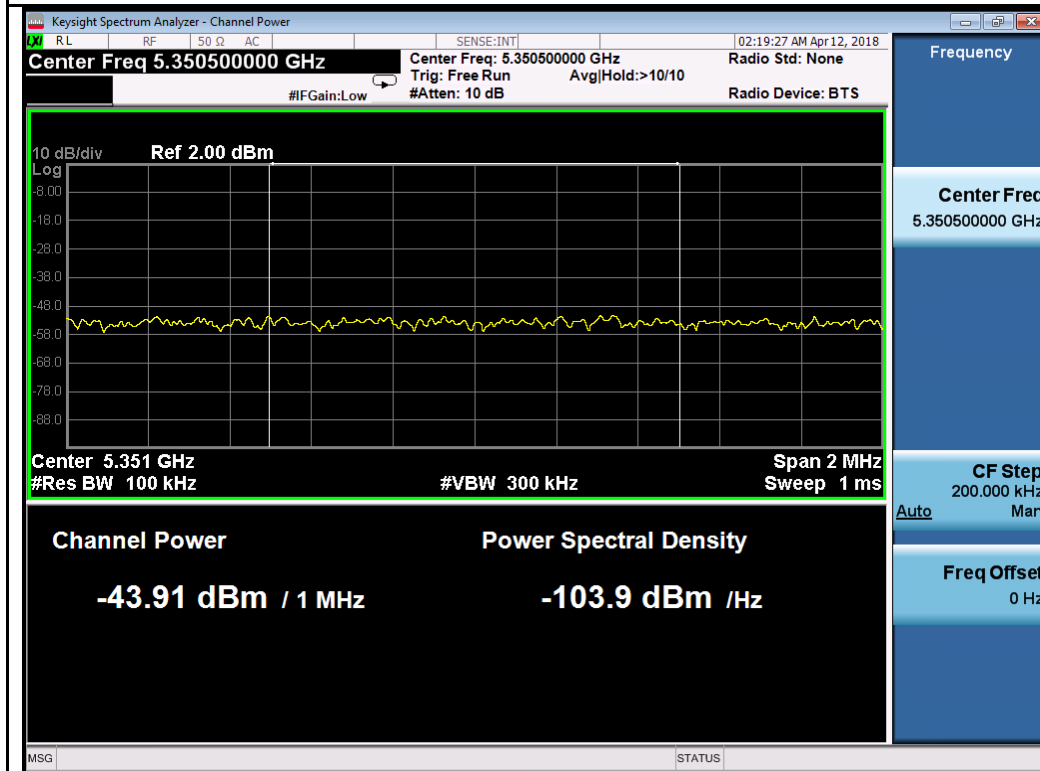
Chain 6:



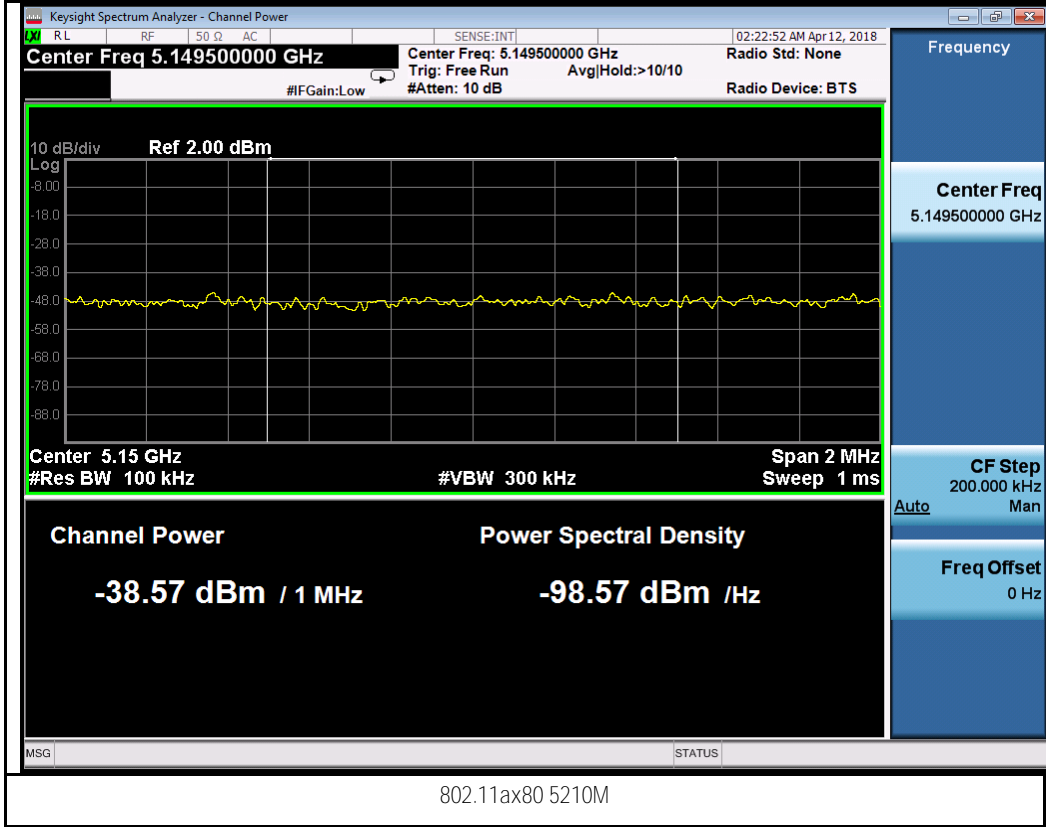




802.11ax40 5190M

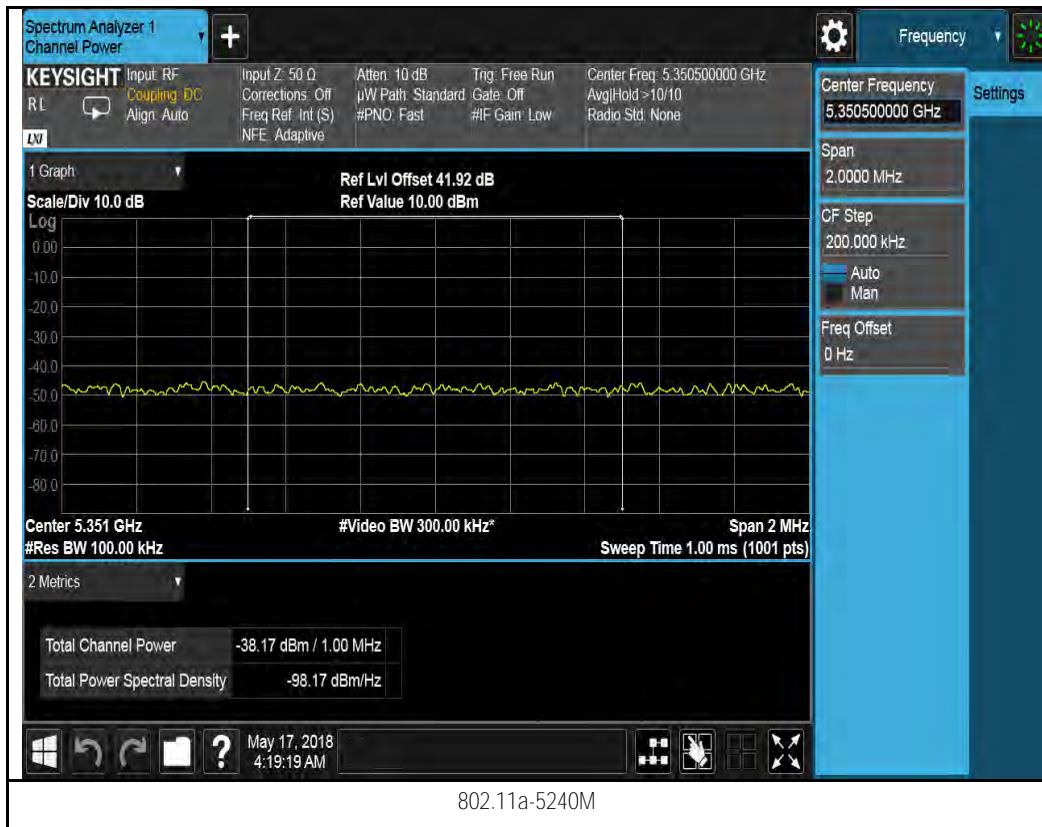
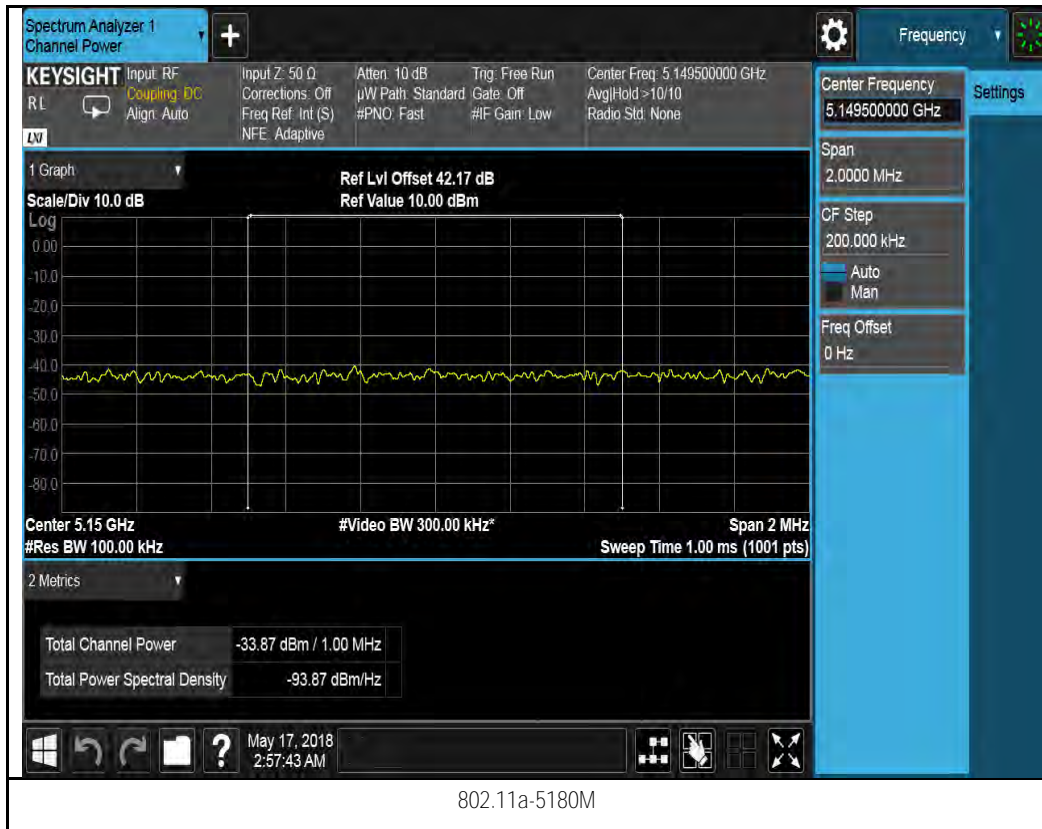


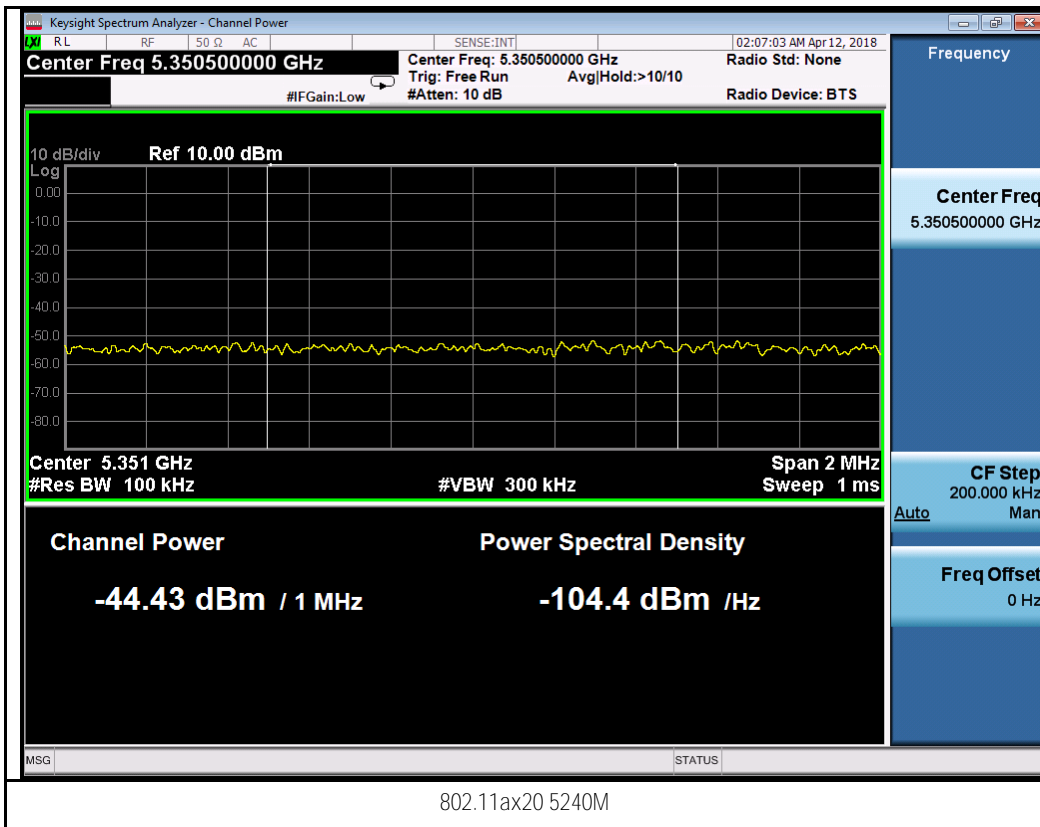
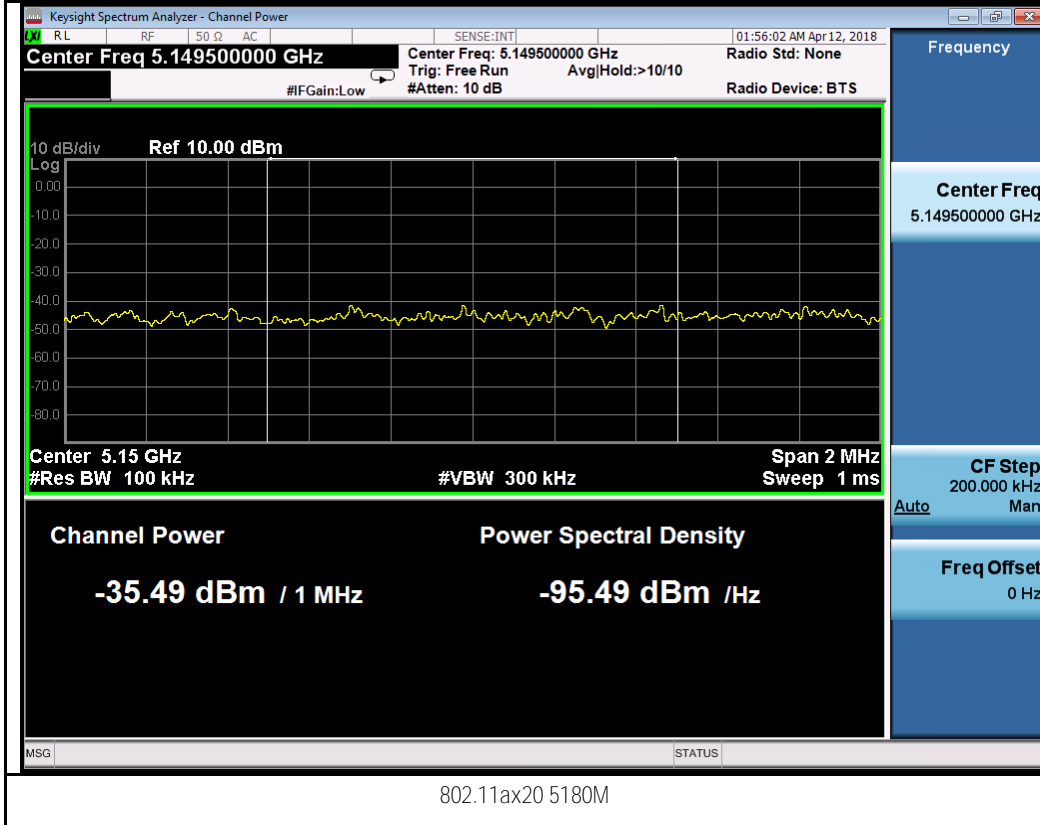
802.11ax40 5230M

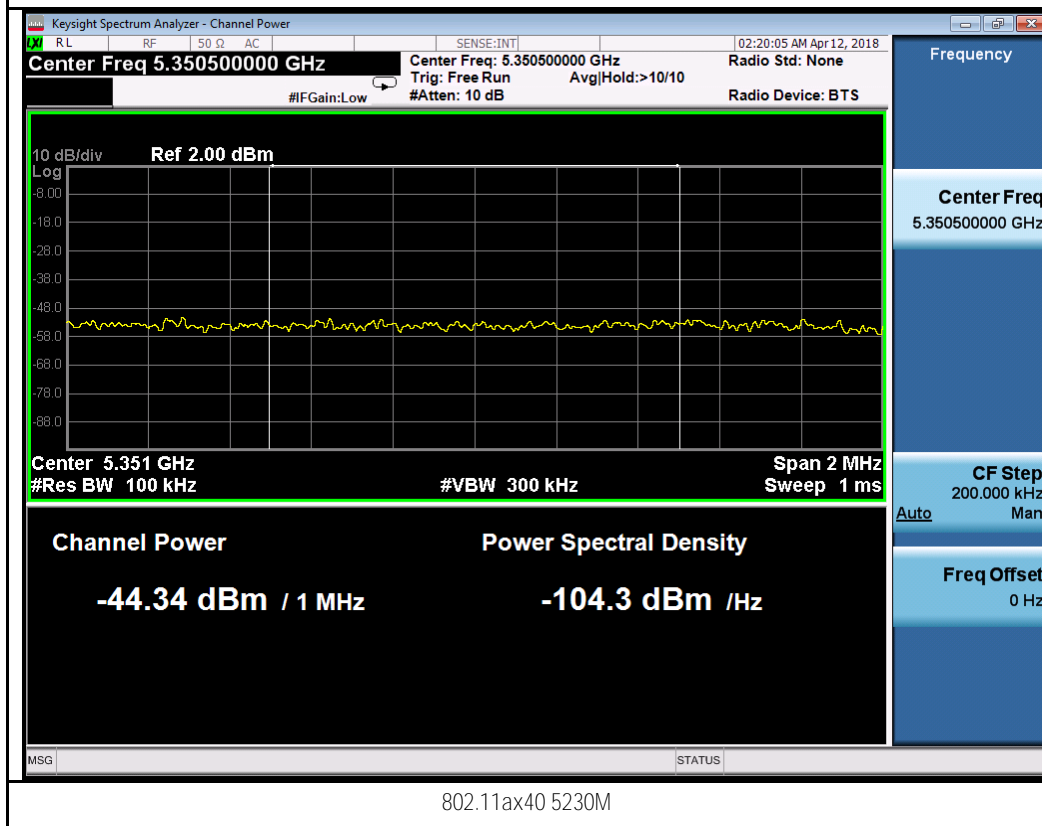
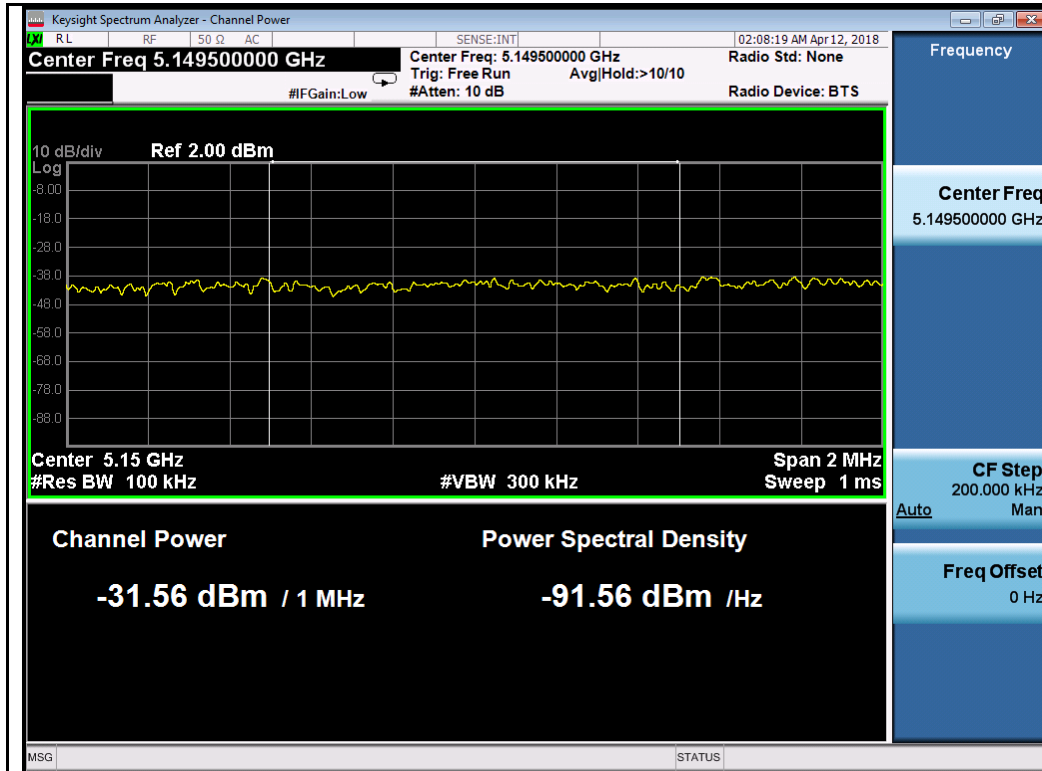


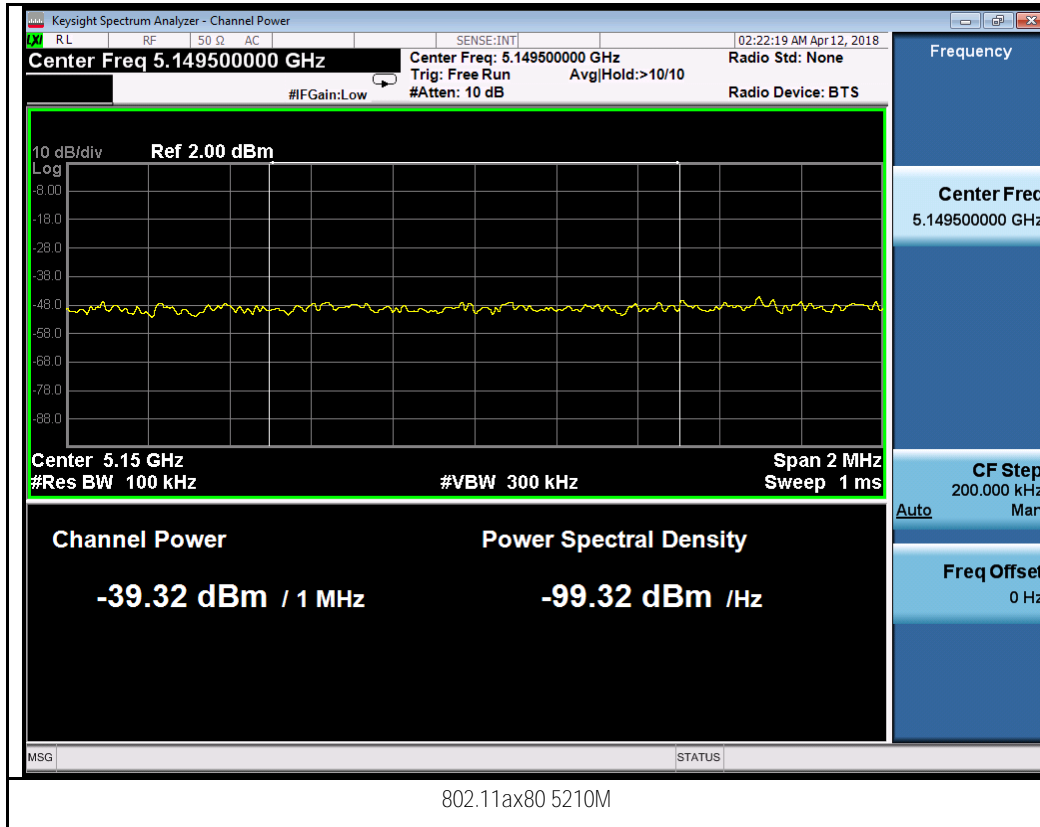


Chain 7:



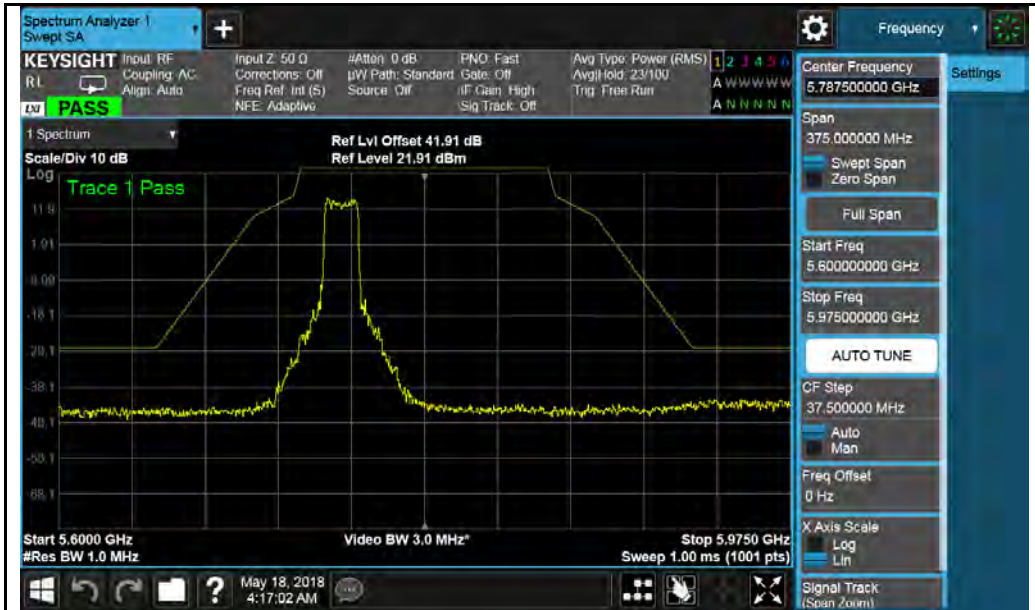




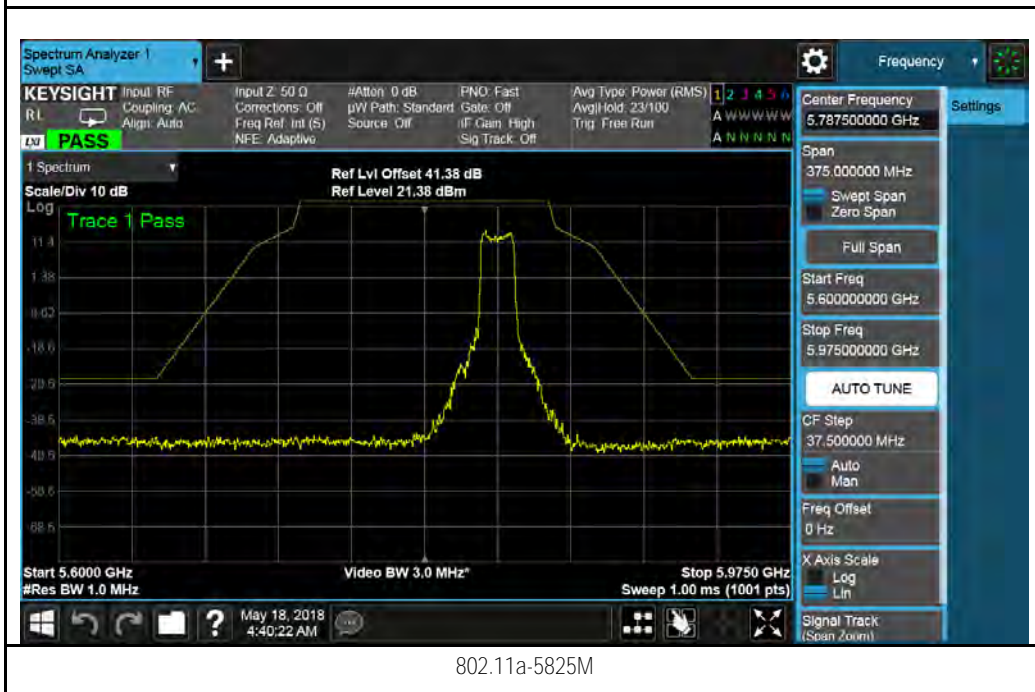


Test Plot for 8x8 mode W58:

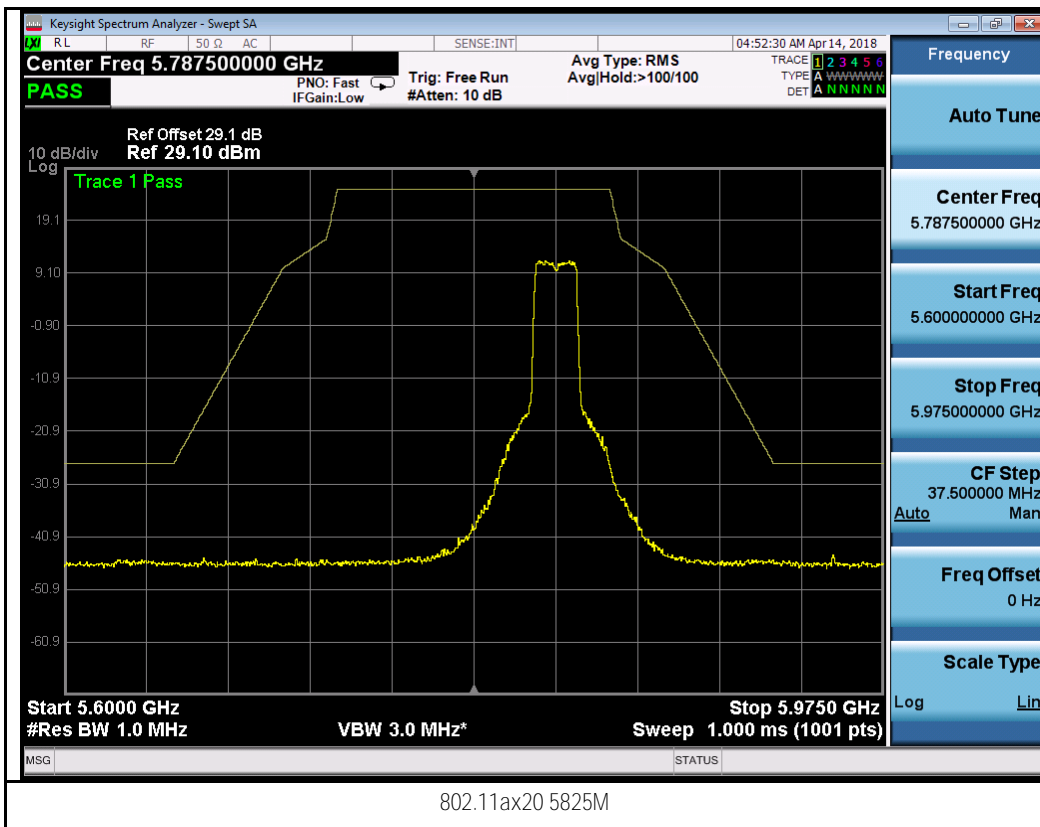
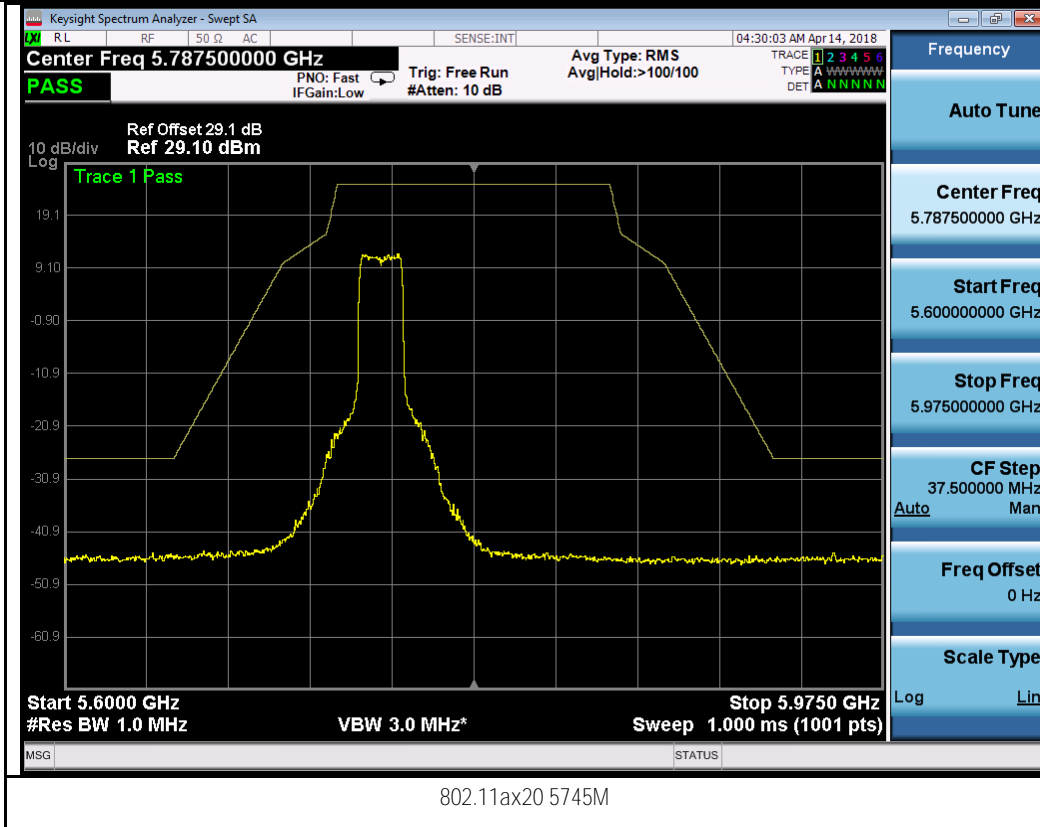
Chain 0:

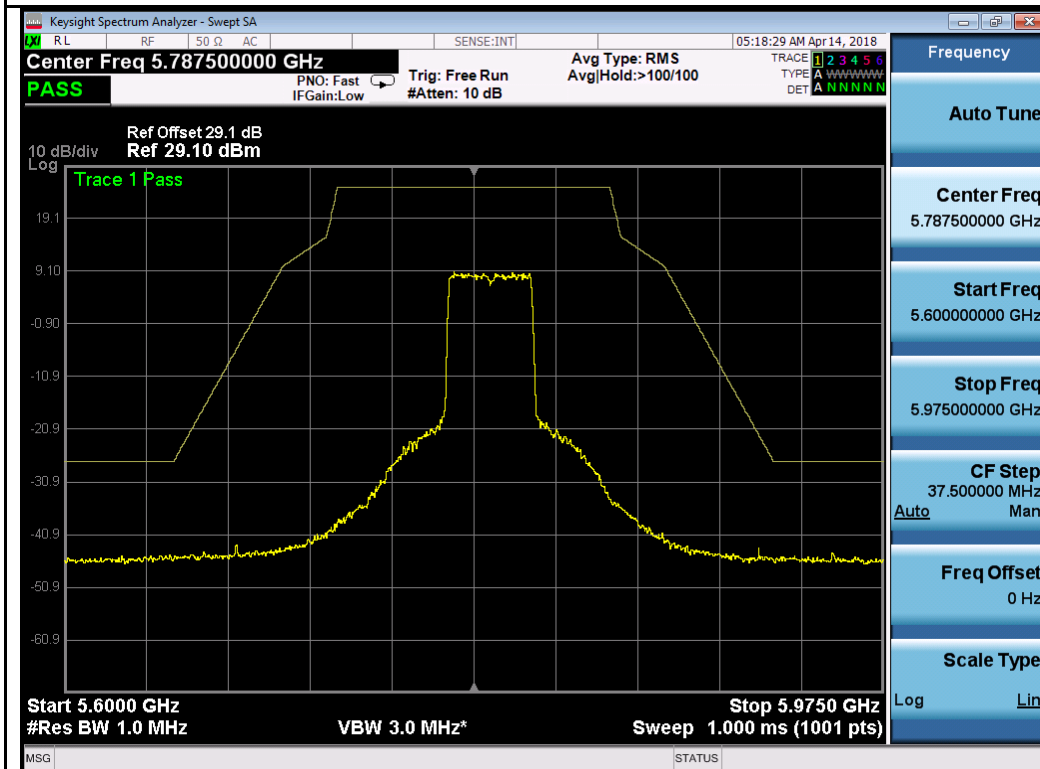
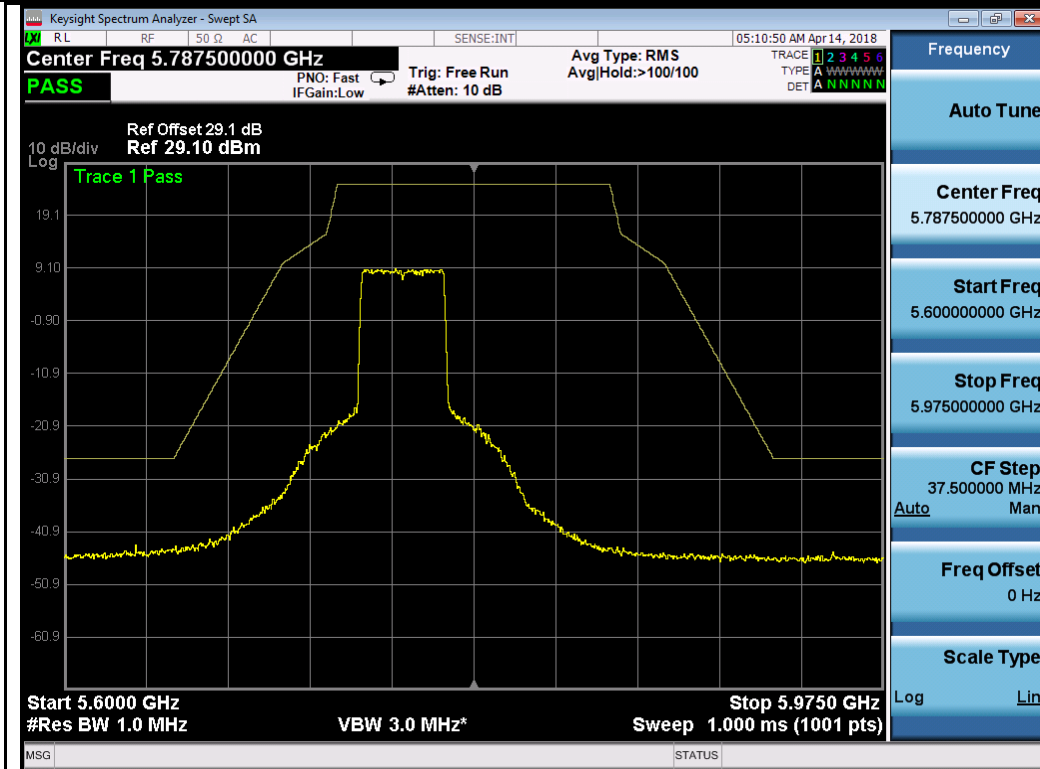


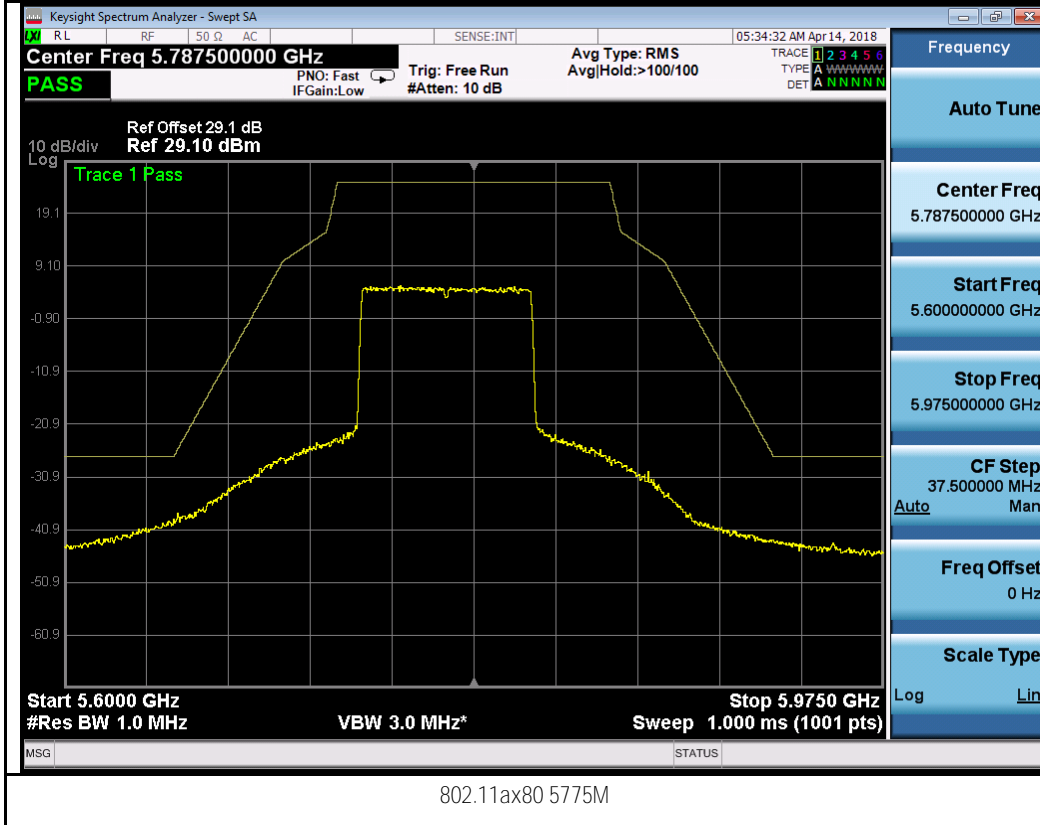
802.11a-5745M



802.11a-5825M

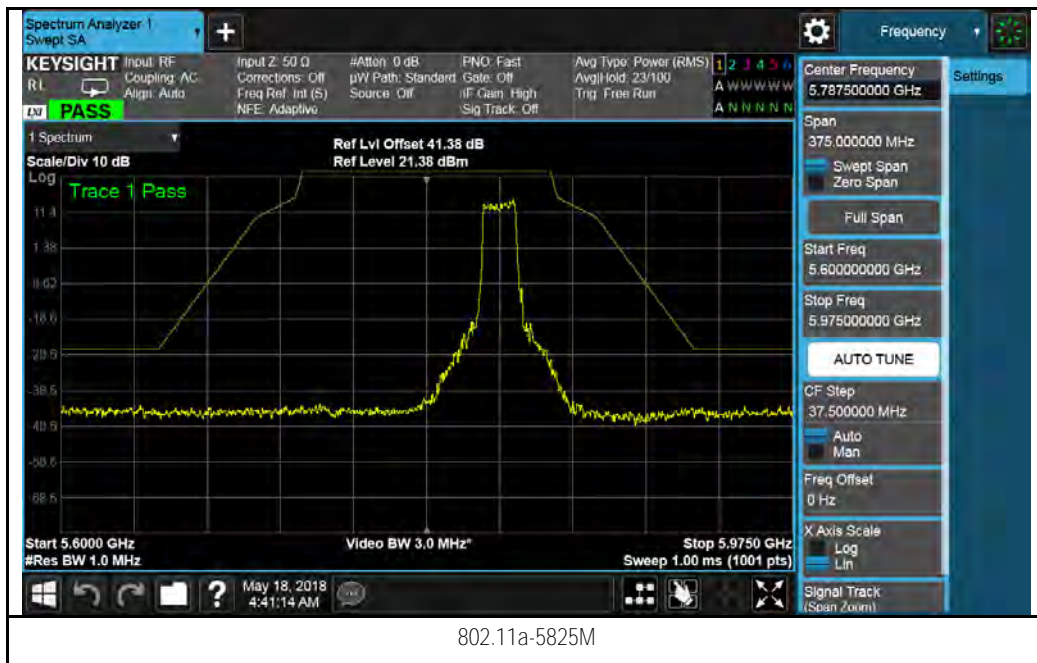
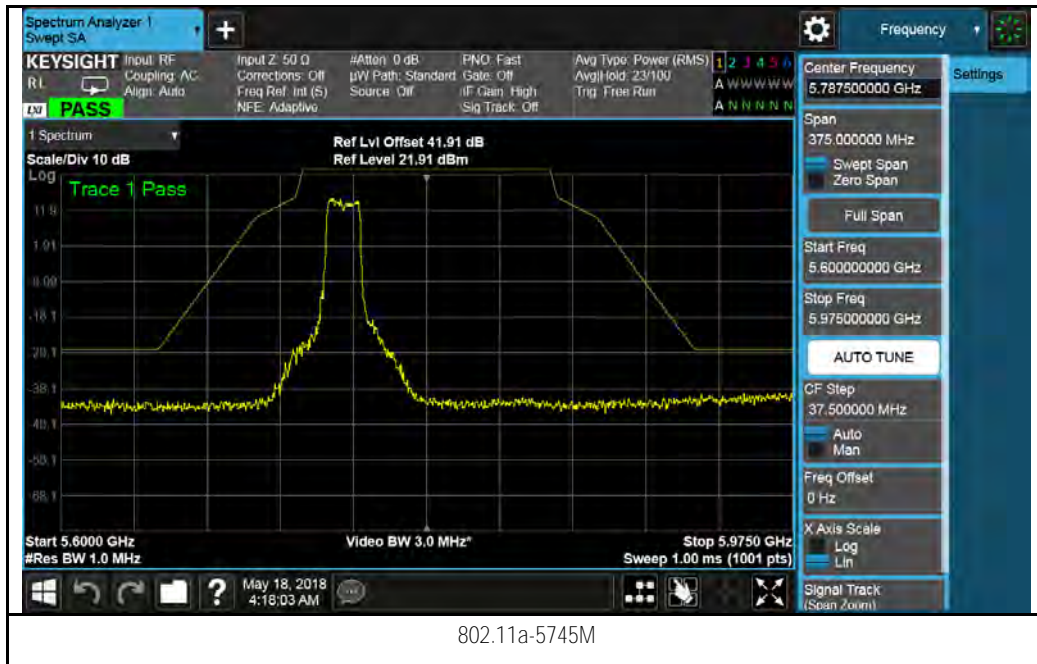


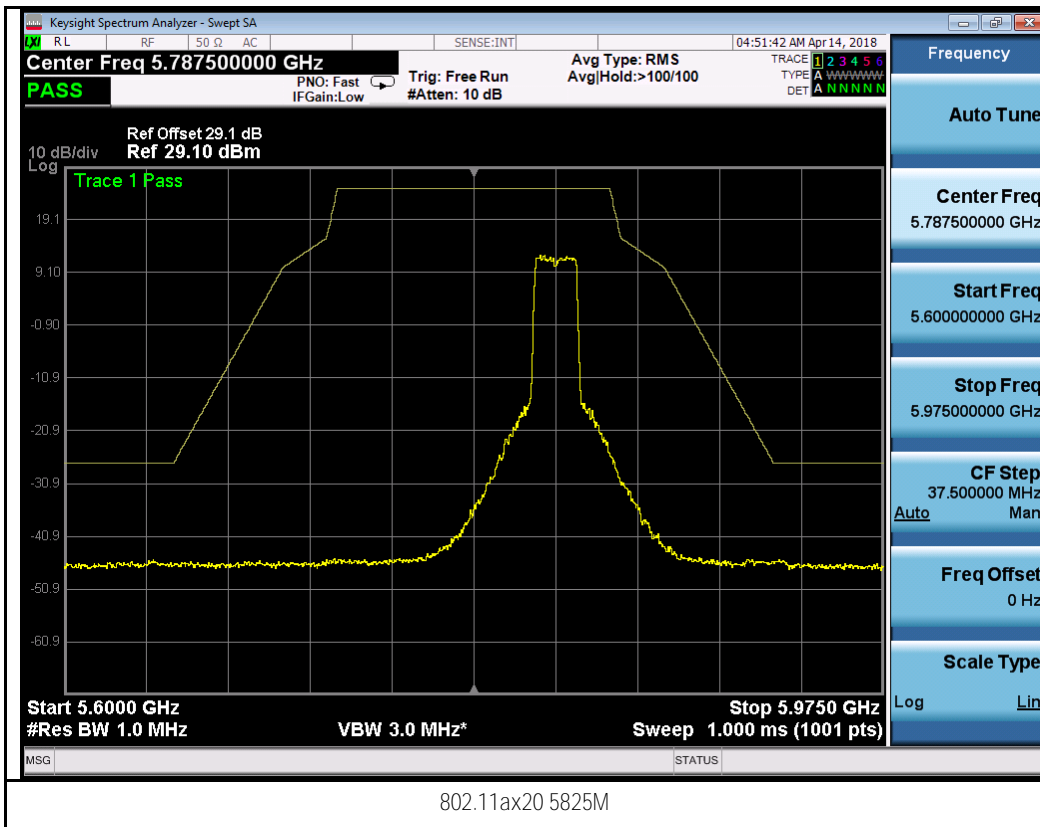
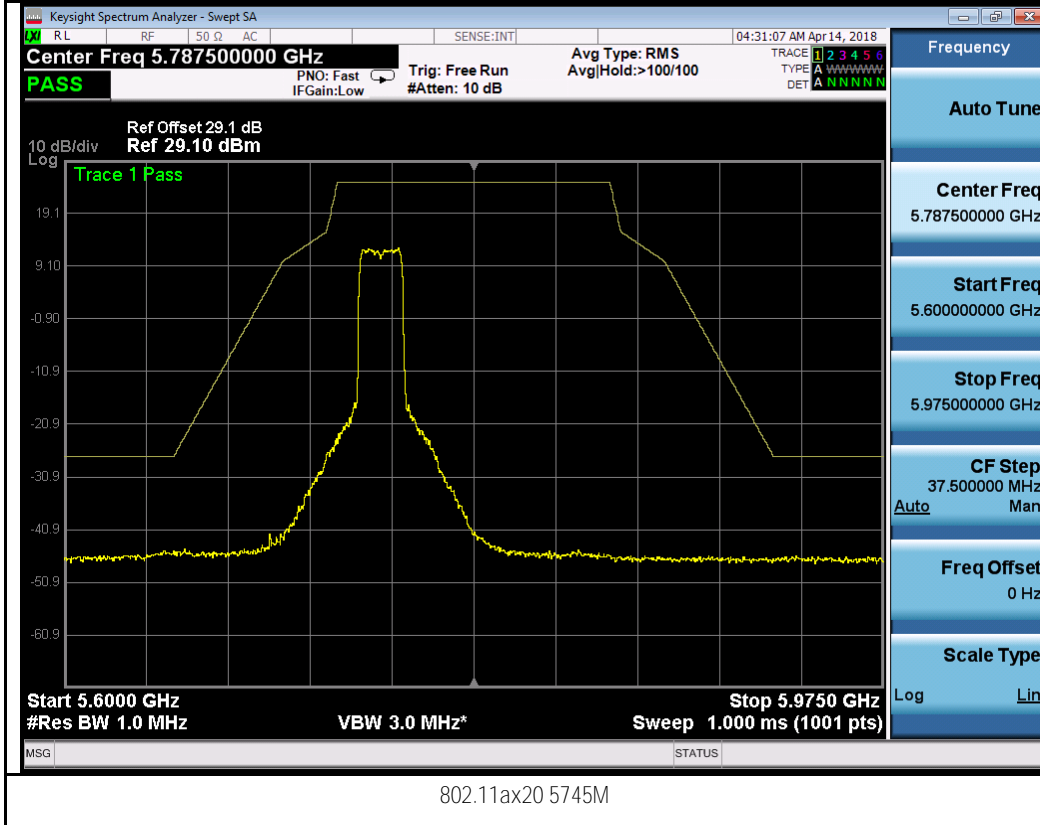


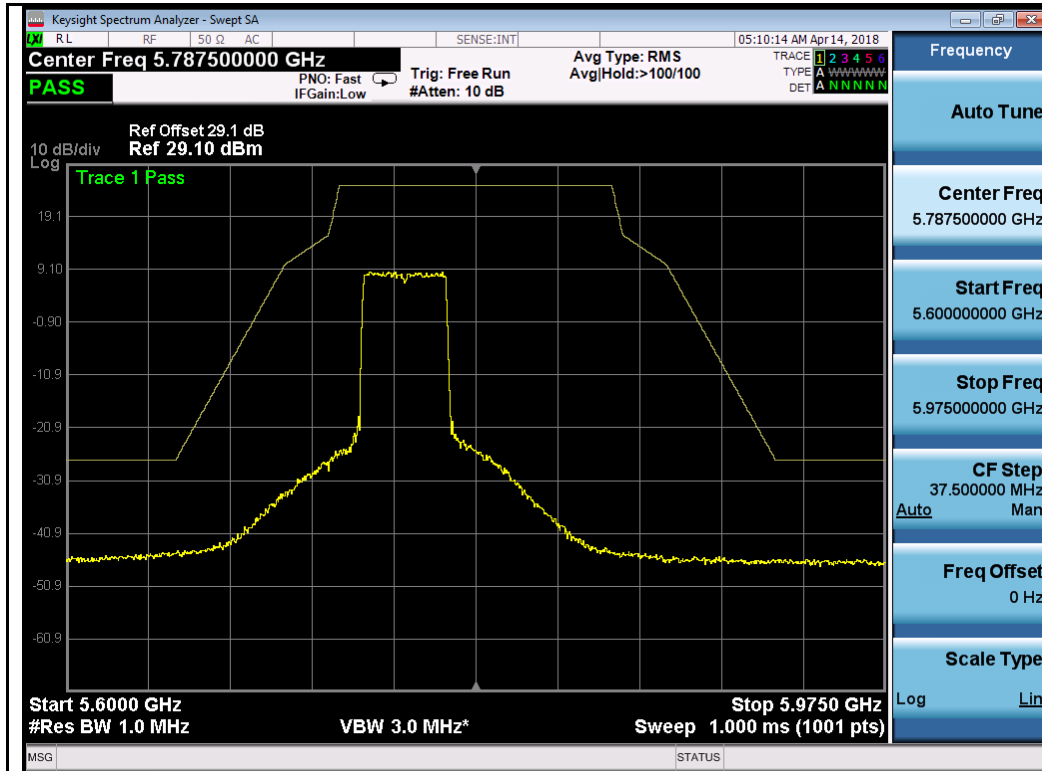




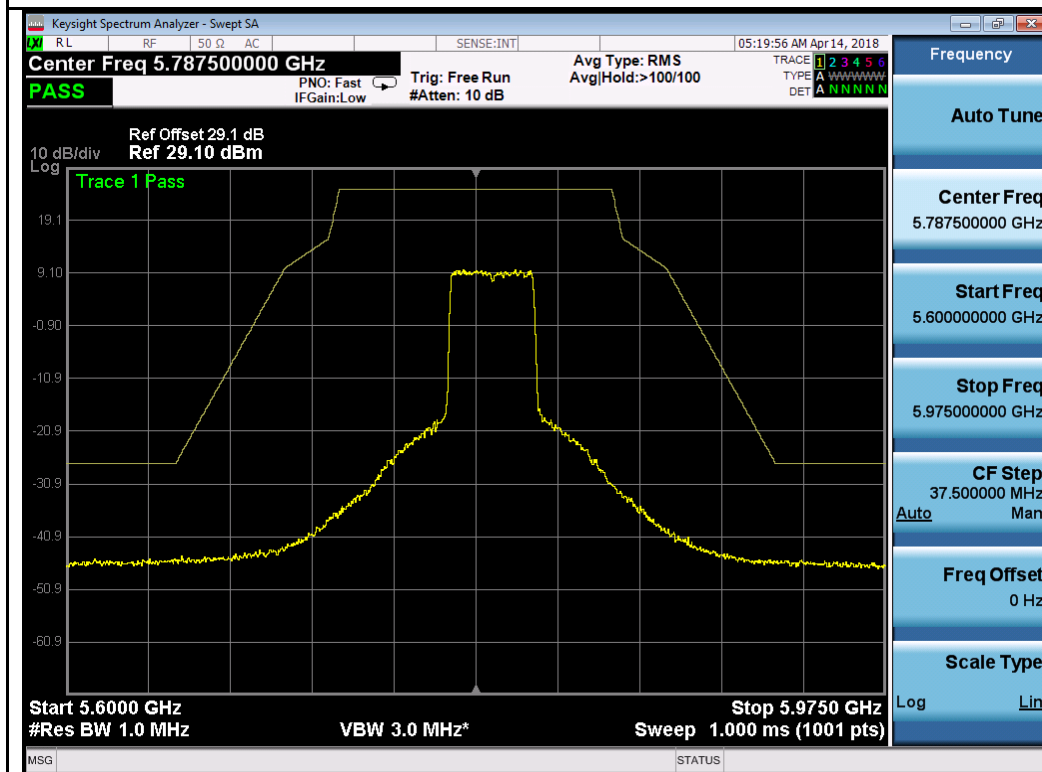
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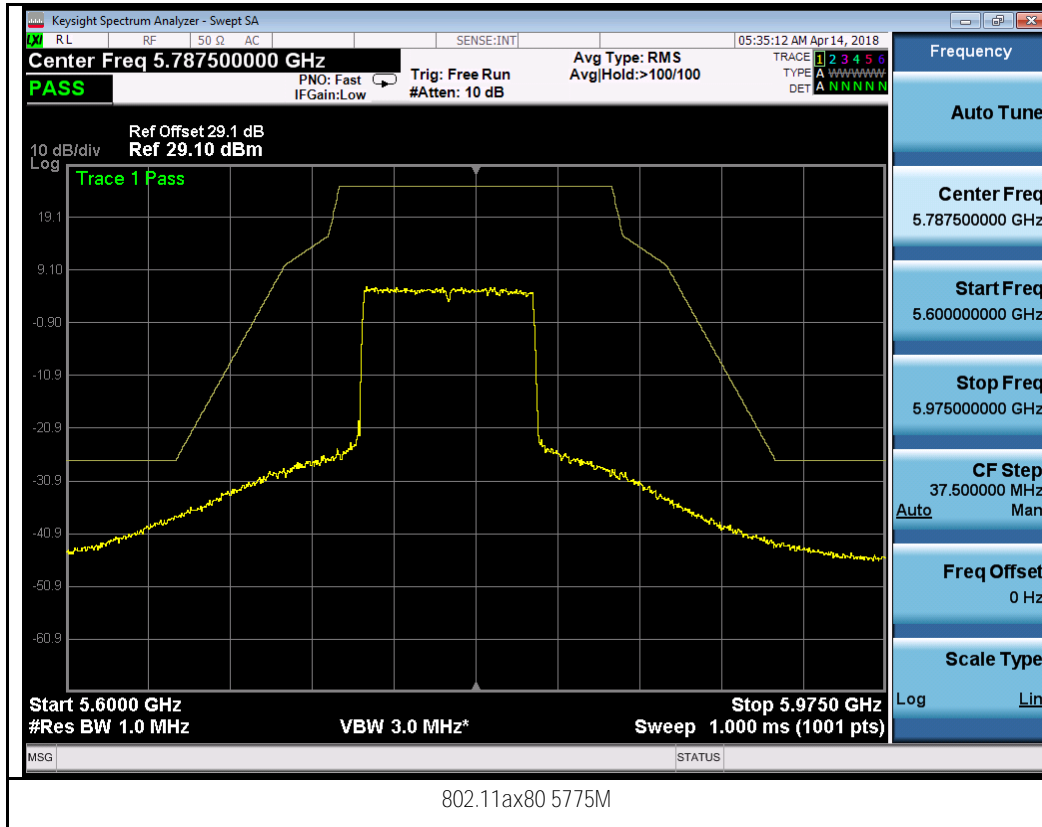




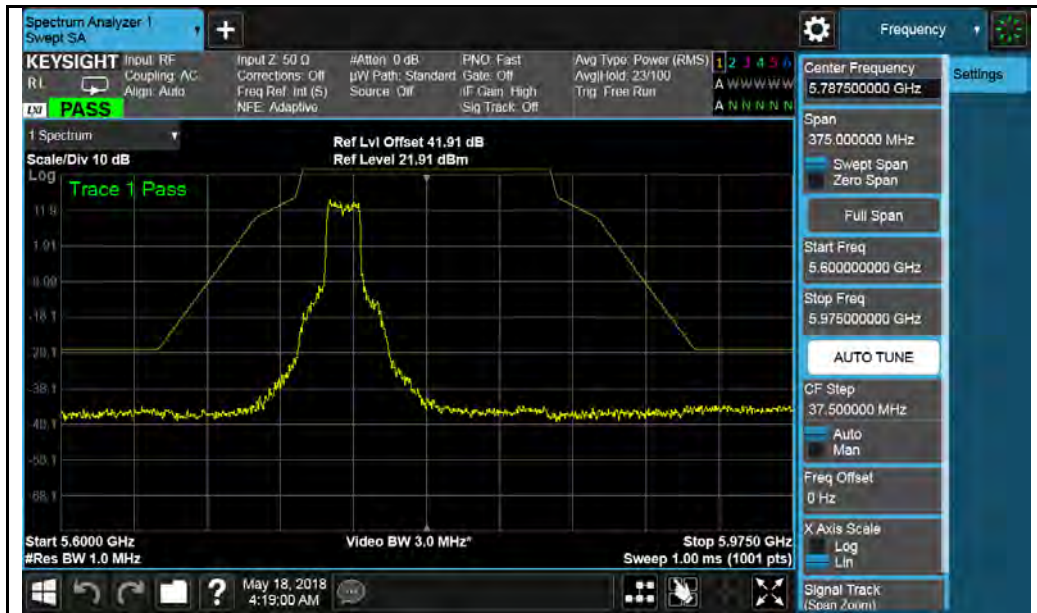
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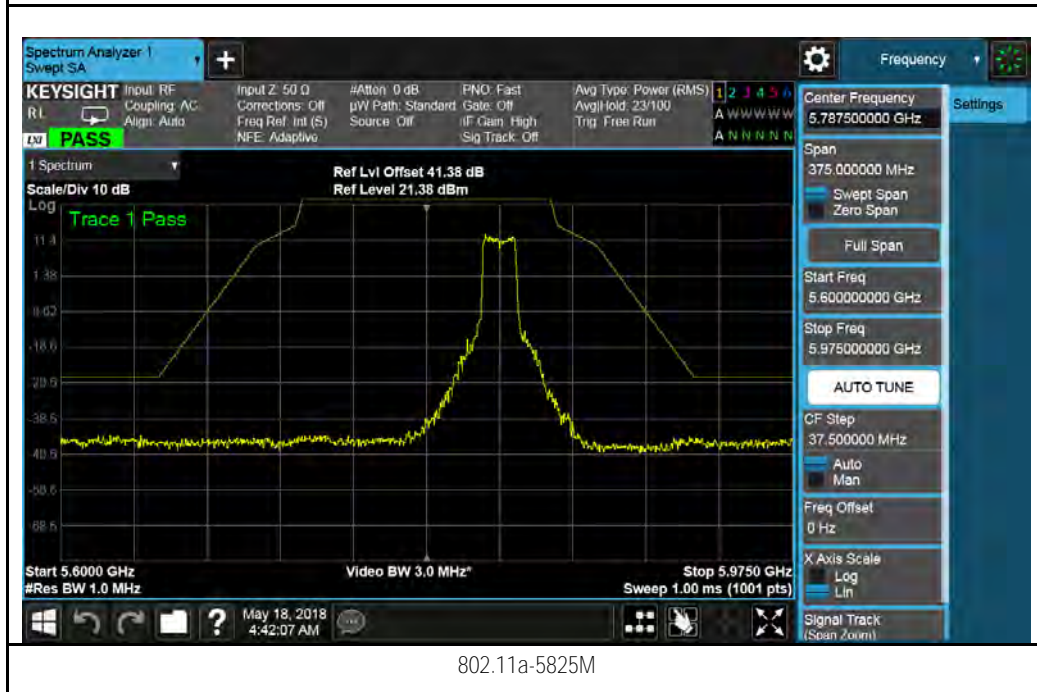
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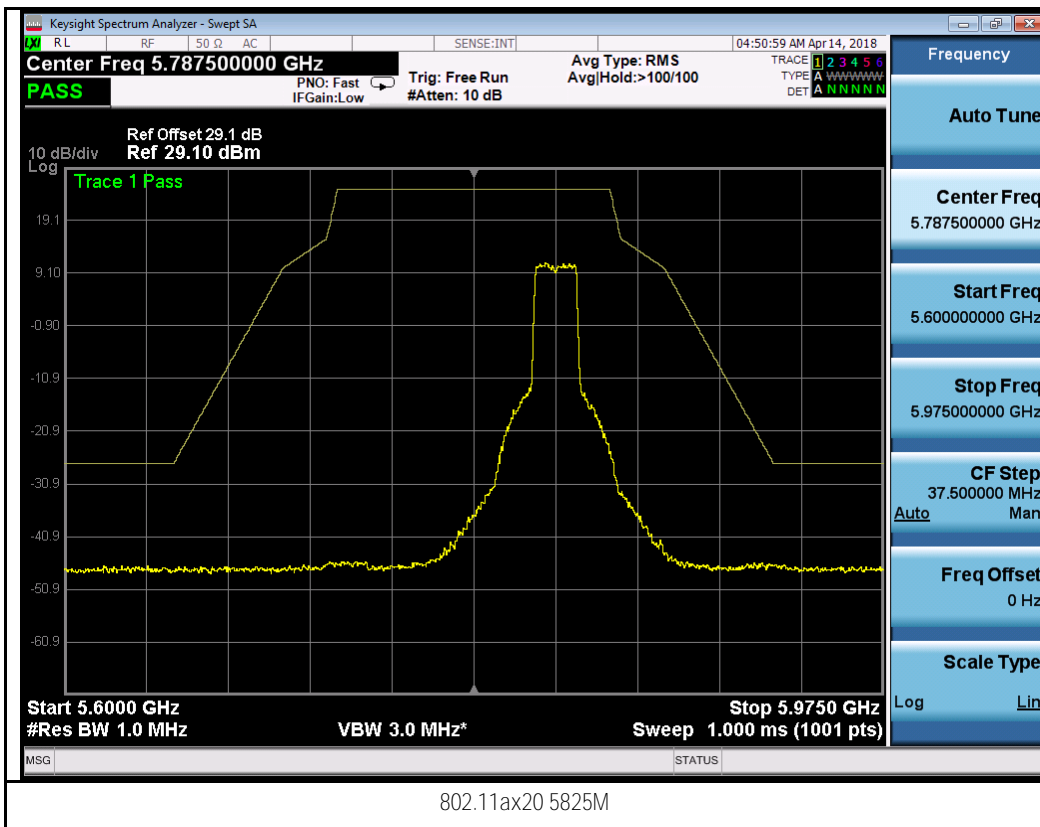
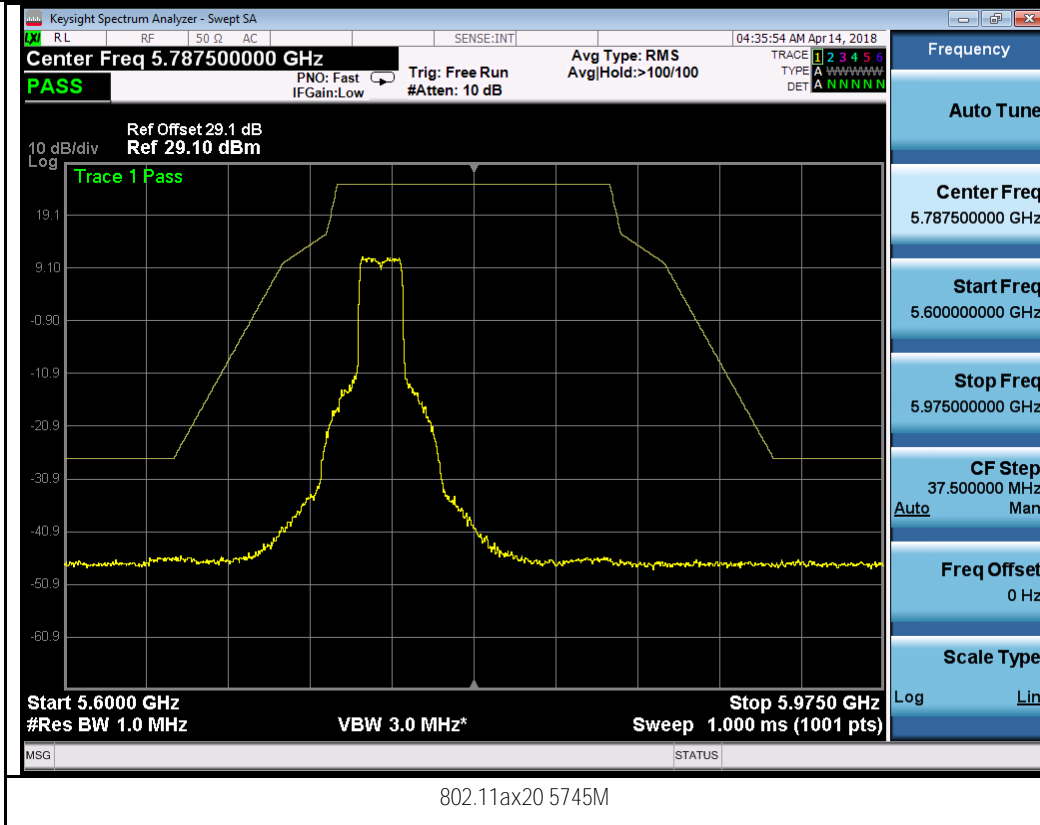
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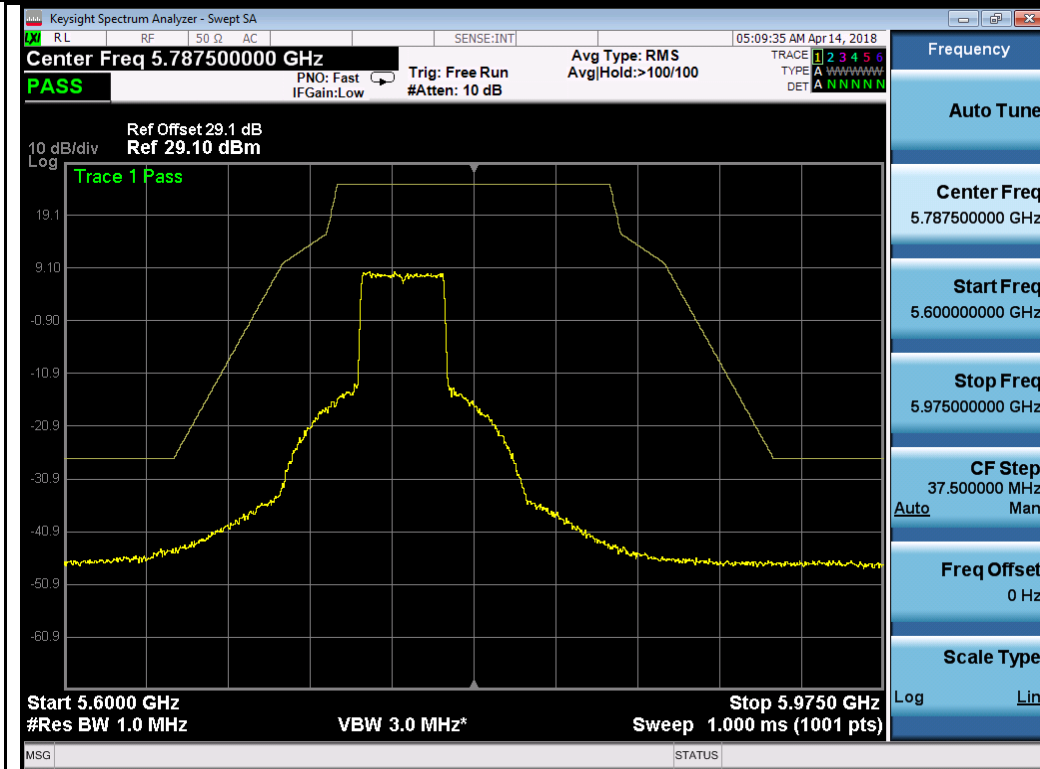


802.11a-5745M

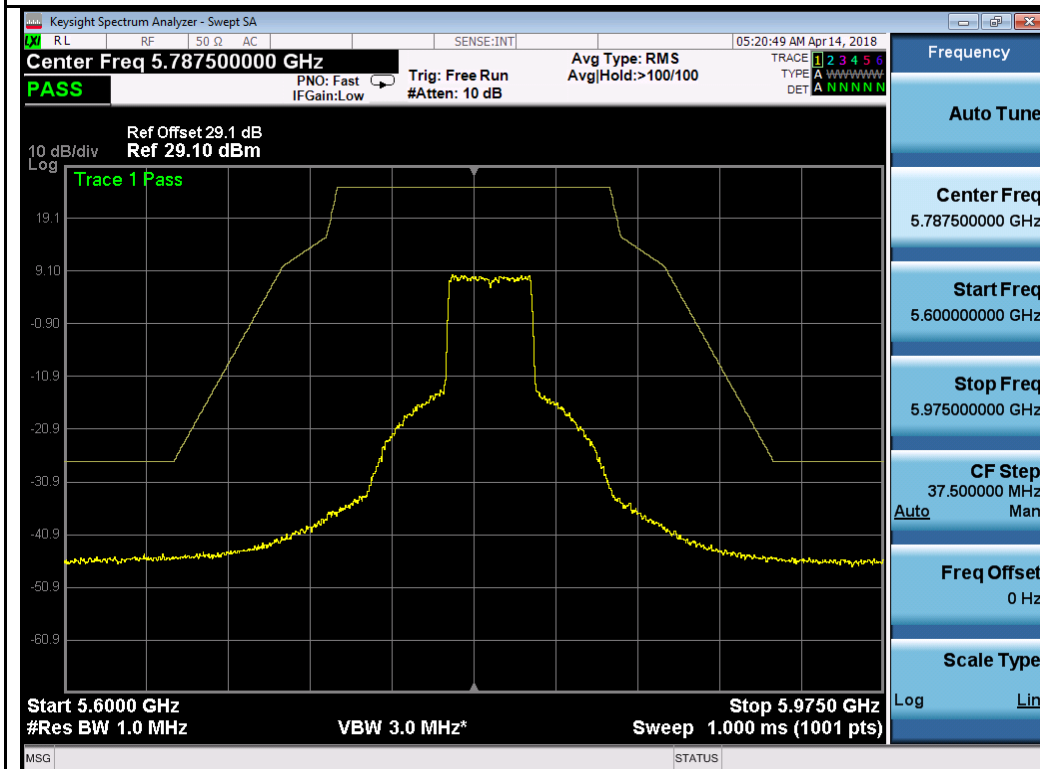


802.11a-5825M





802.11ax40 5755M



802.11ax40 5795M

