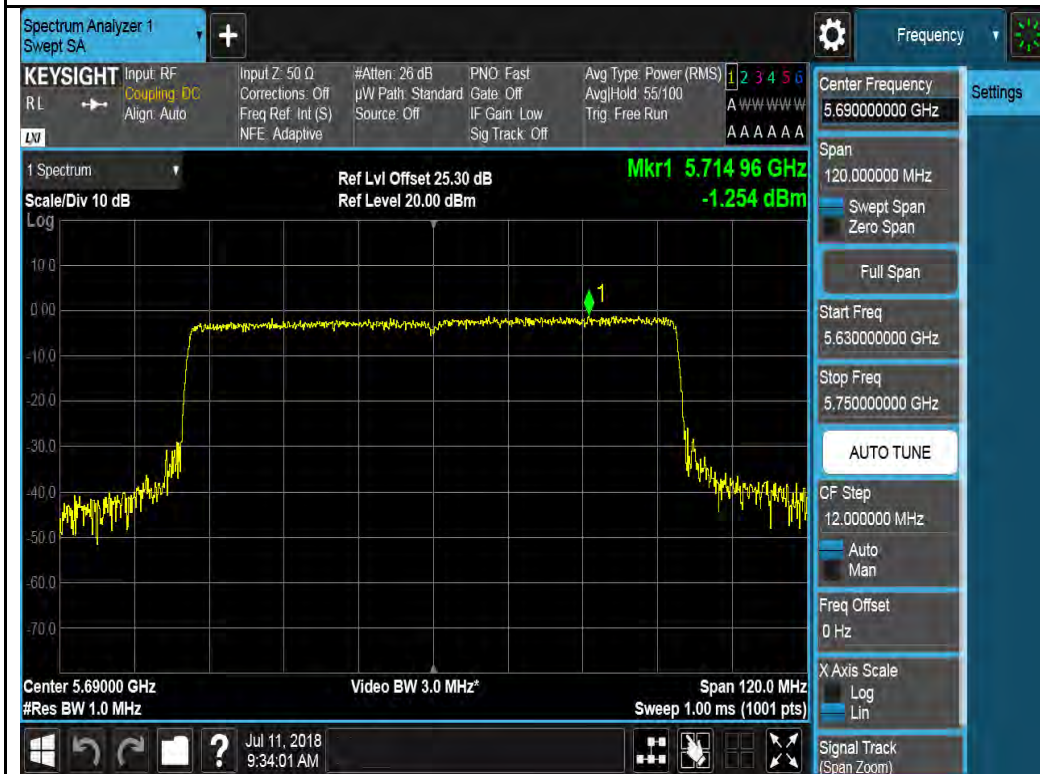




802.11n-HT40 5710M



802.11ac-VHT80 5690M

Chain 2:



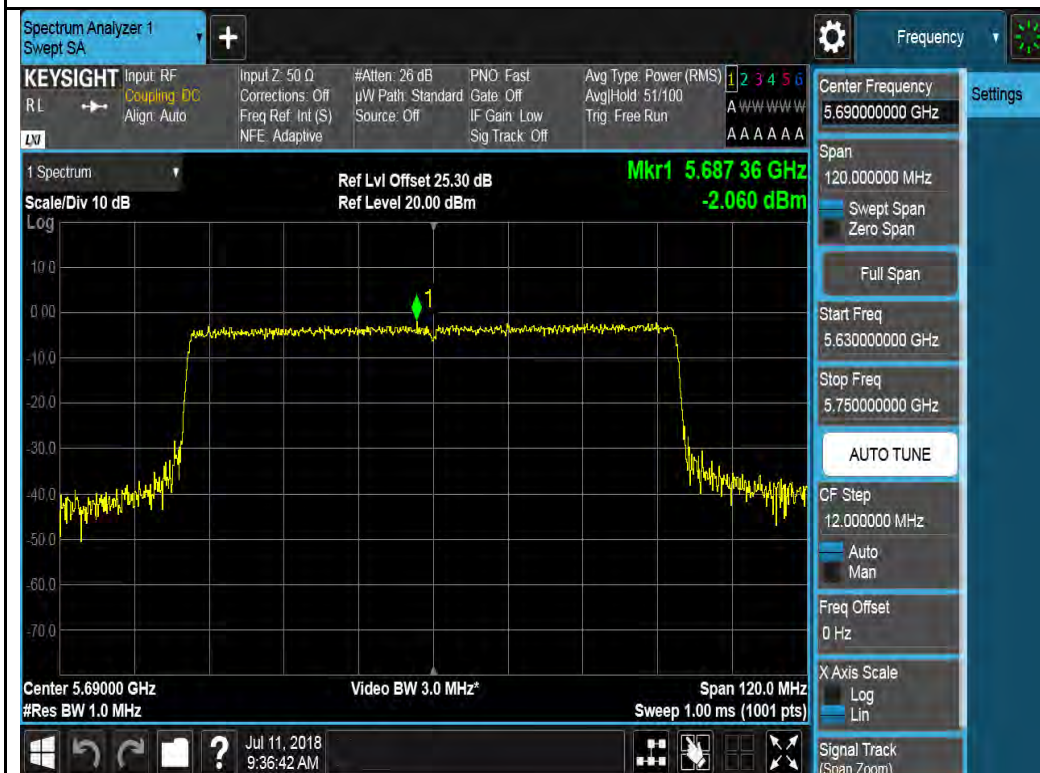
802.11a-5720M



802.11n-HT20 5720M



802.11n-HT40 5710M



802.11ac-VHT80 5690M

Chain 3:



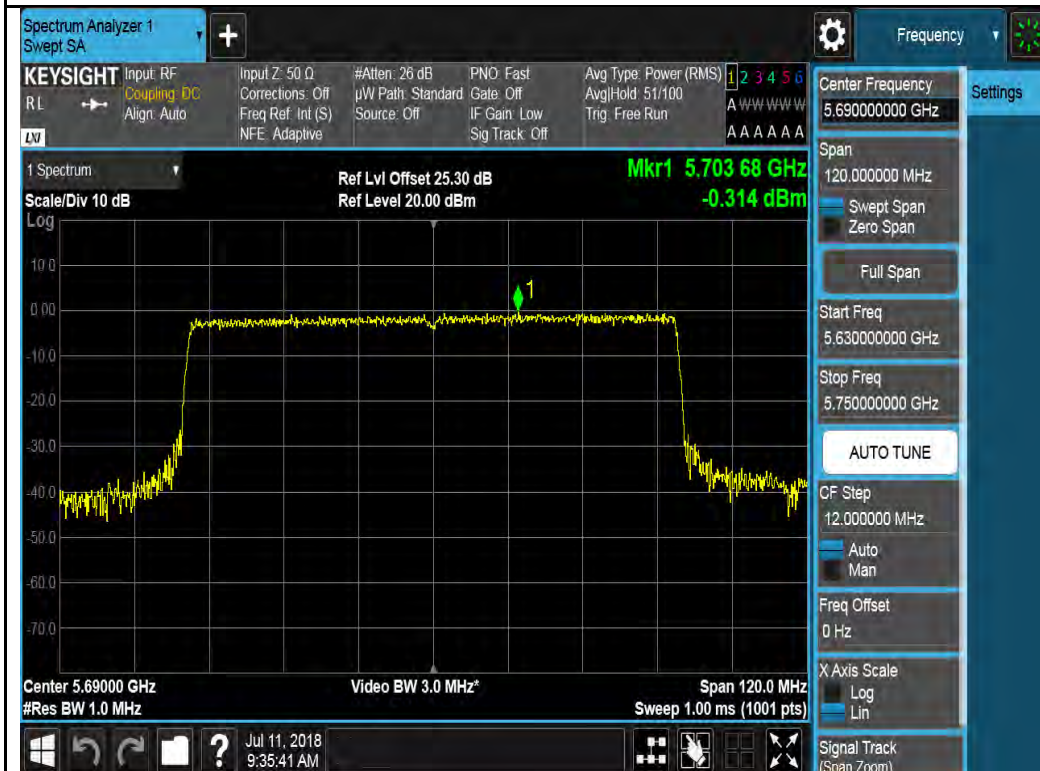
802.11a-5720M



802.11n-HT20 5720M



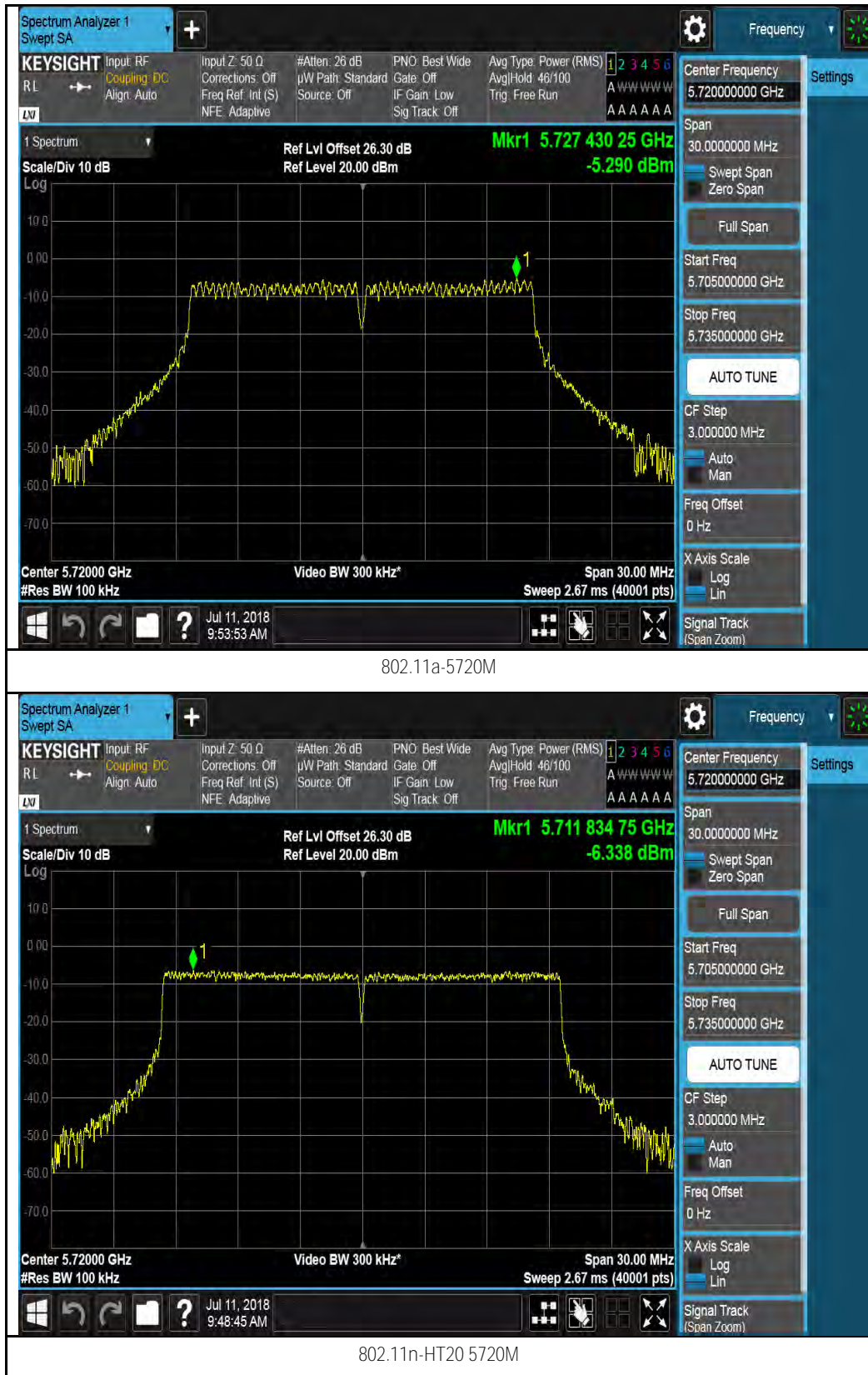
802.11n-HT40 5710M

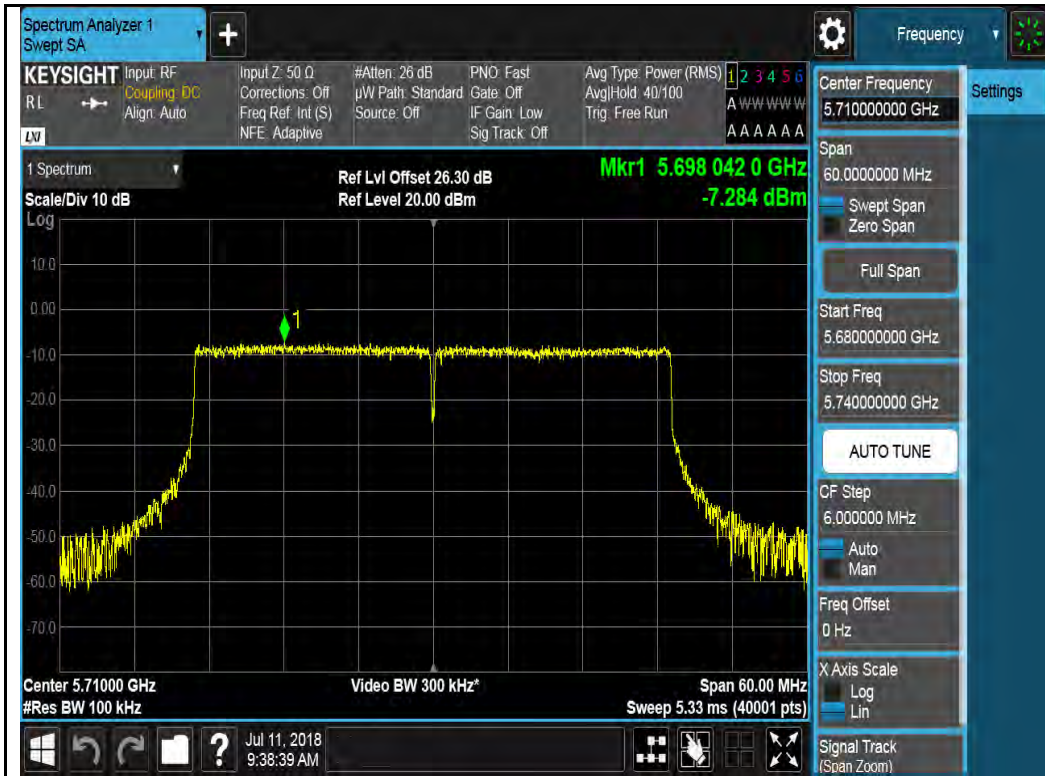


802.11ac-VHT80 5690M

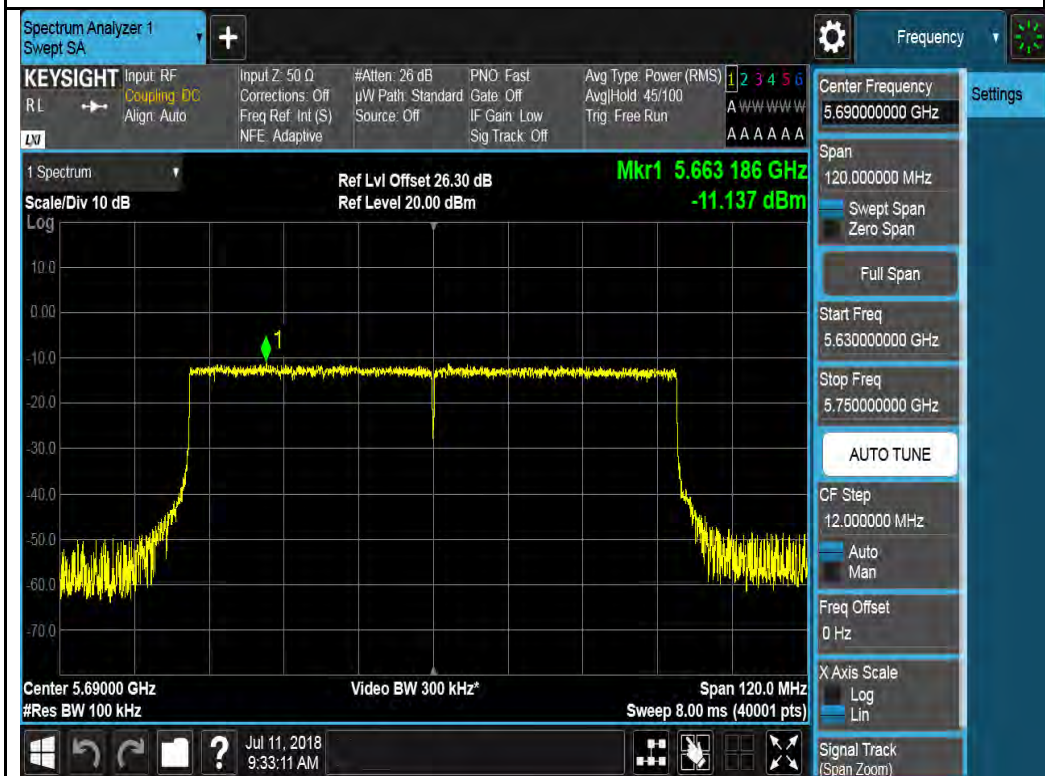
Test Plot for Crossband (W58 procedure):

Chain 0:





802.11n-HT40 5710M

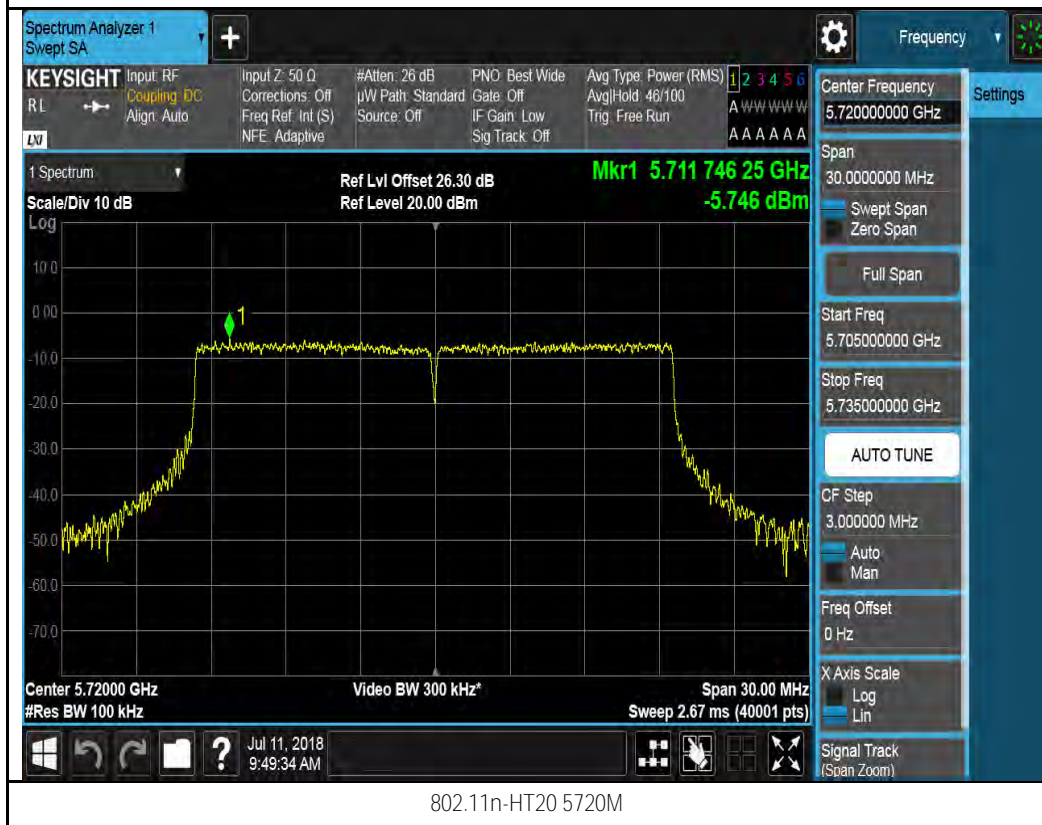


802.11ac-VHT80 5890M

Chain 1:



802.11a-5720M

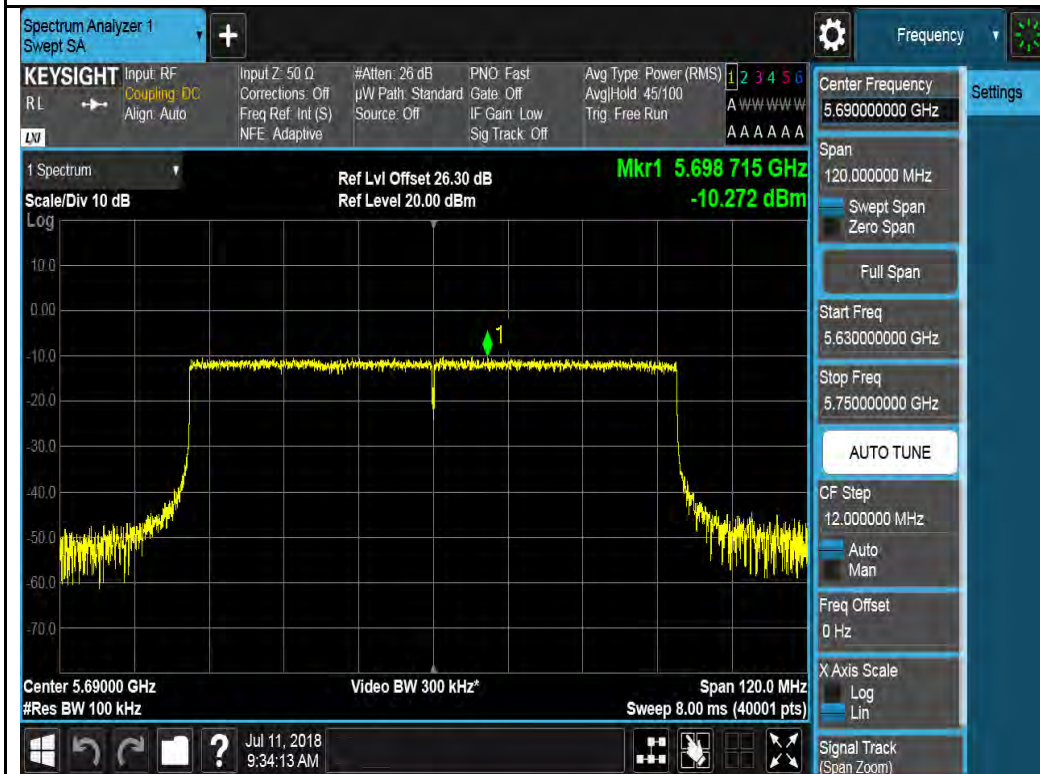


802.11n-HT20 5720M



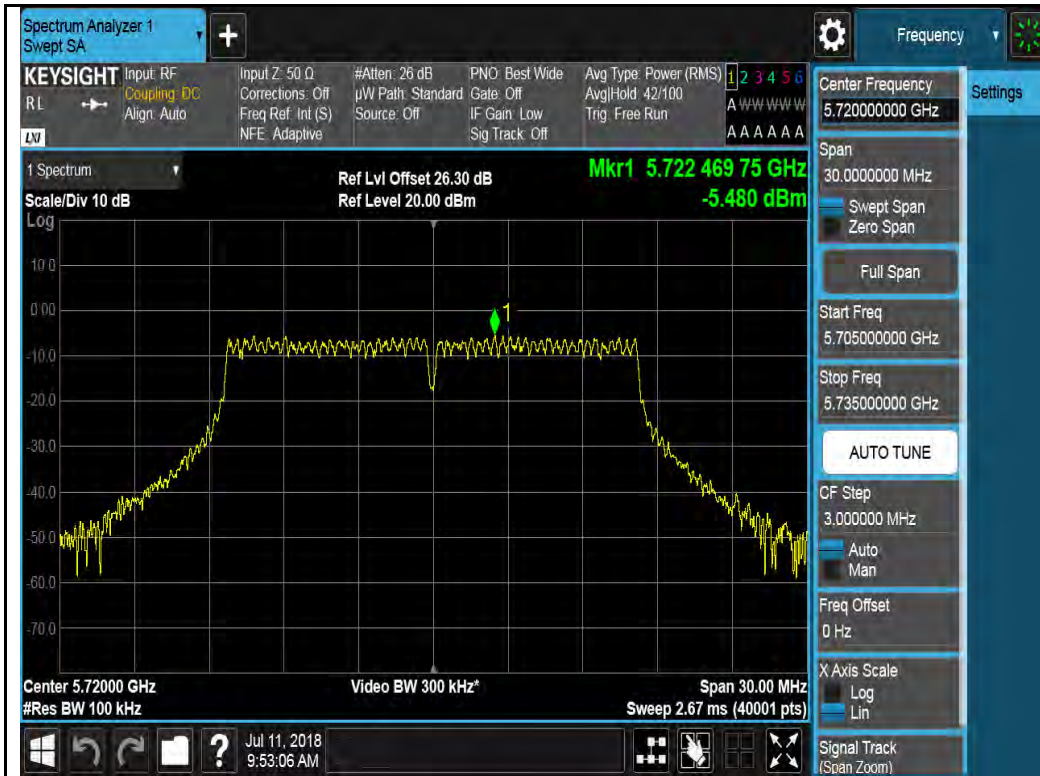


802.11n-HT40 5710M



802.11ac-VHT80 5890M

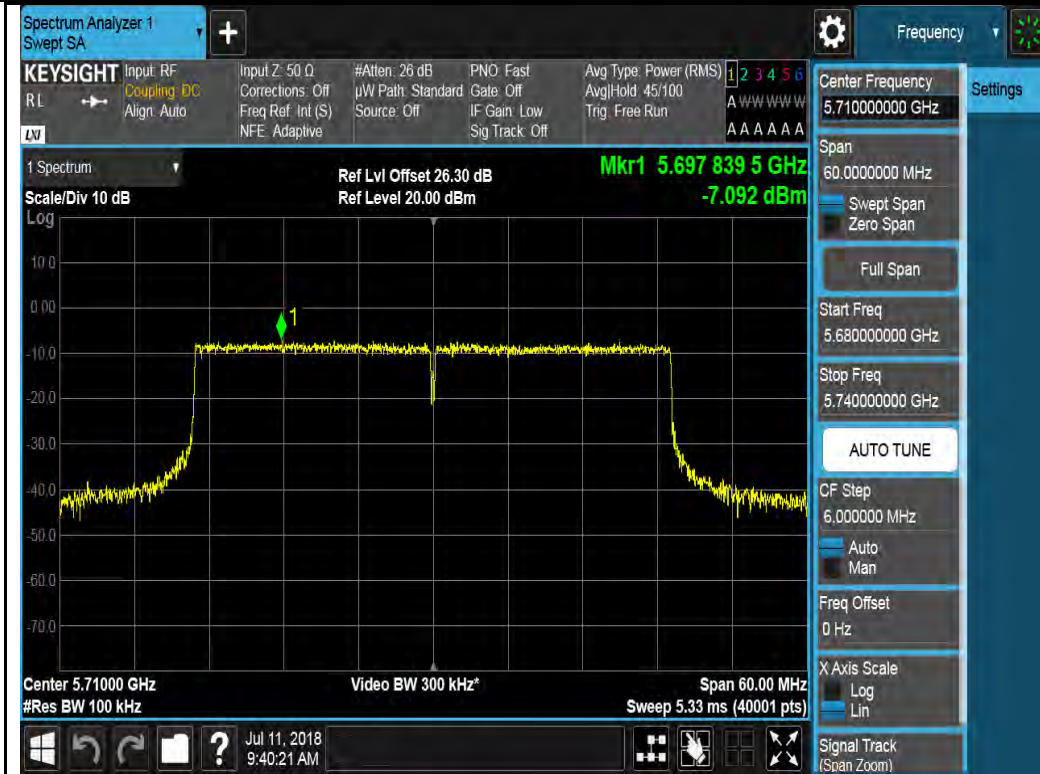
Chain 2:



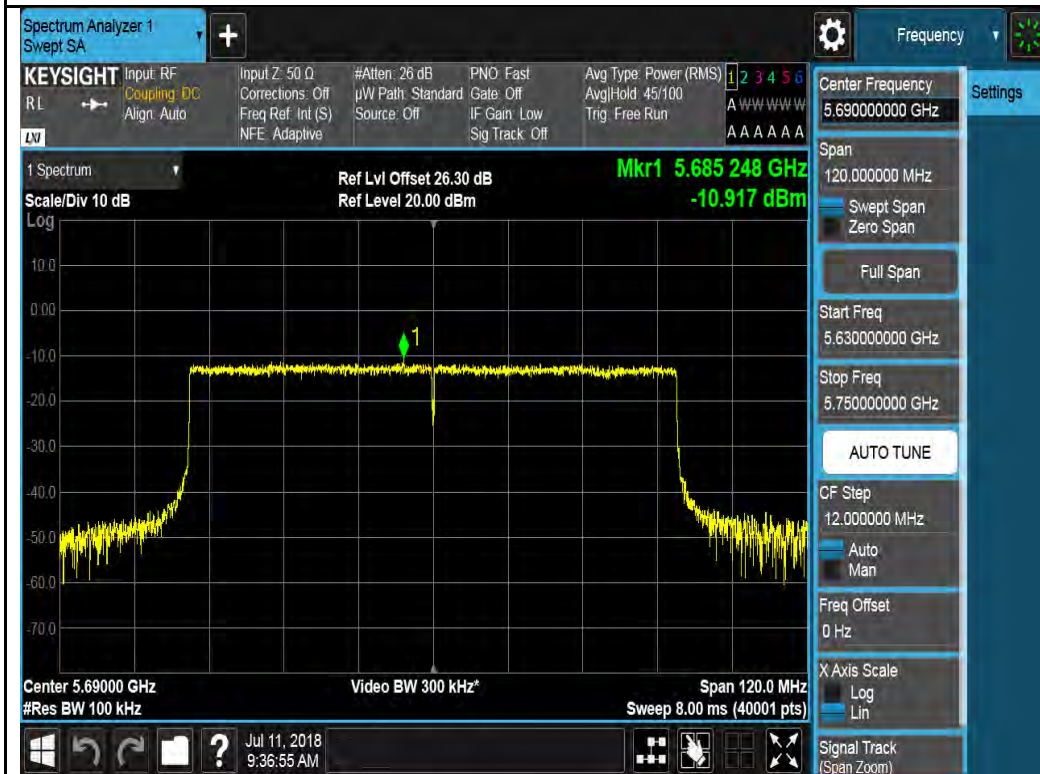
802.11a-5720M



802.11n-HT20 5720M



802.11n-HT40 5710M



802.11ac-VHT80 5890M

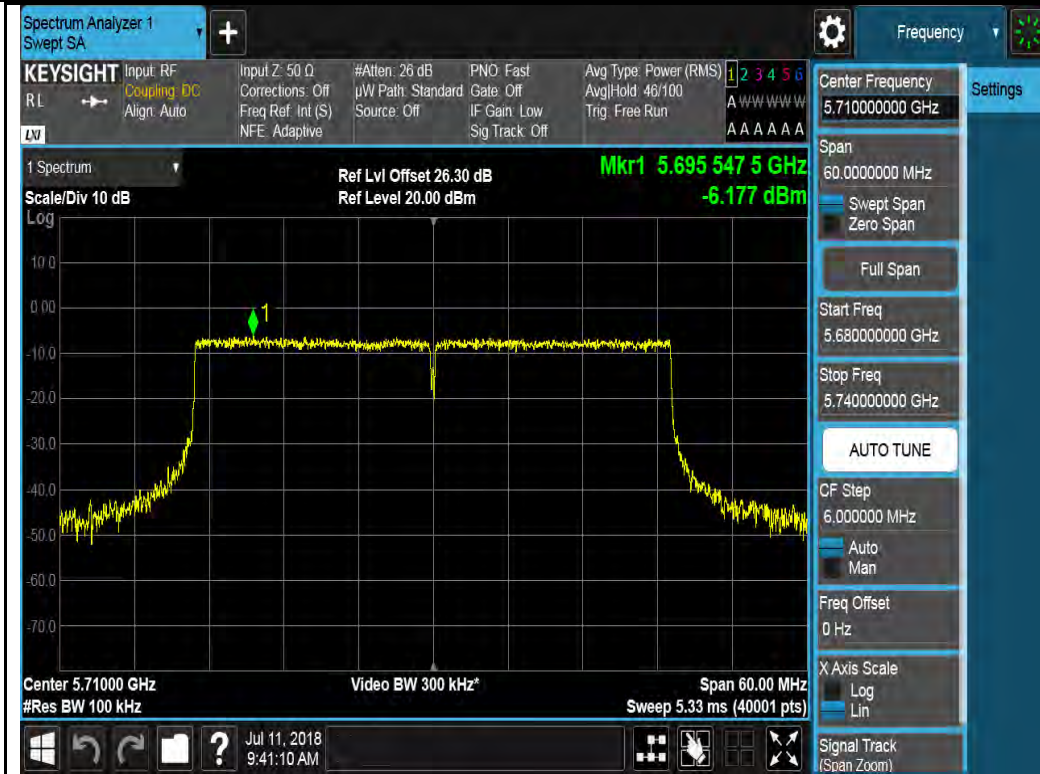
Chain 3:



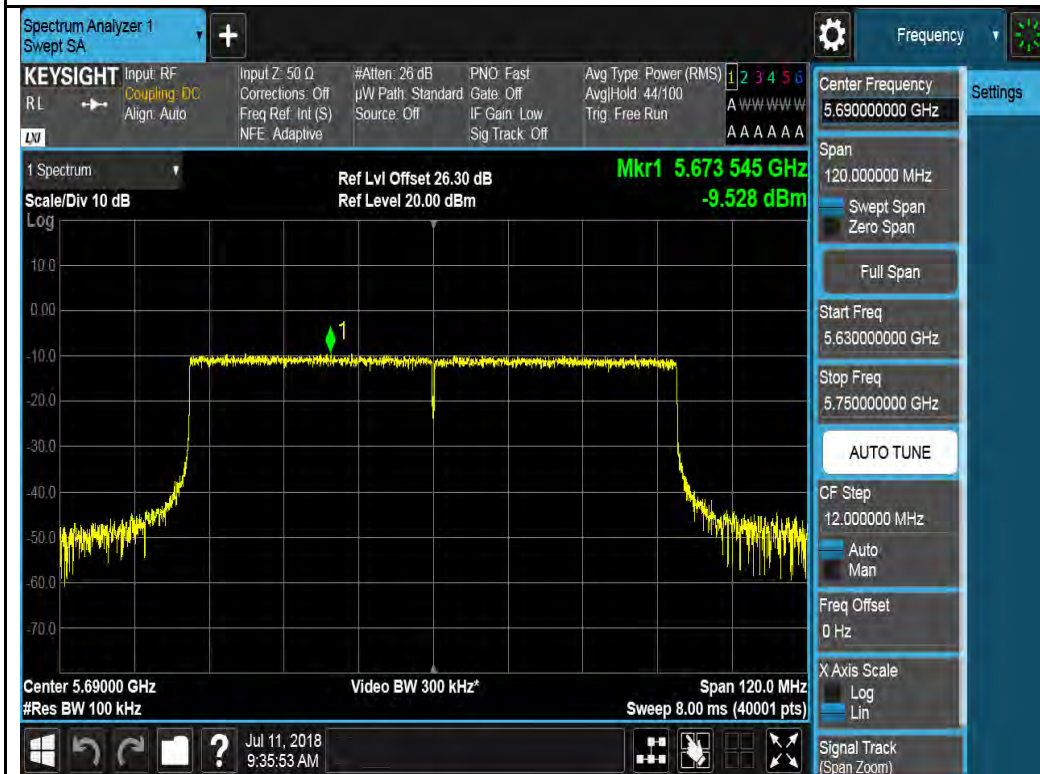
802.11a-5720M



802.11n-HT20 5720M



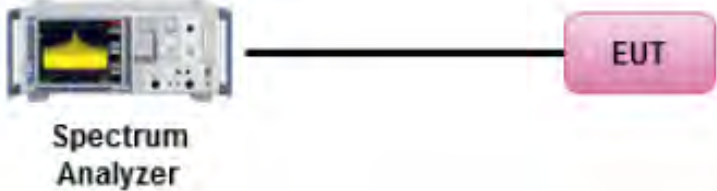
802.11n-HT40 5710M



802.11ac-VHT80 5890M

## 10.5 Band Edge Measurement

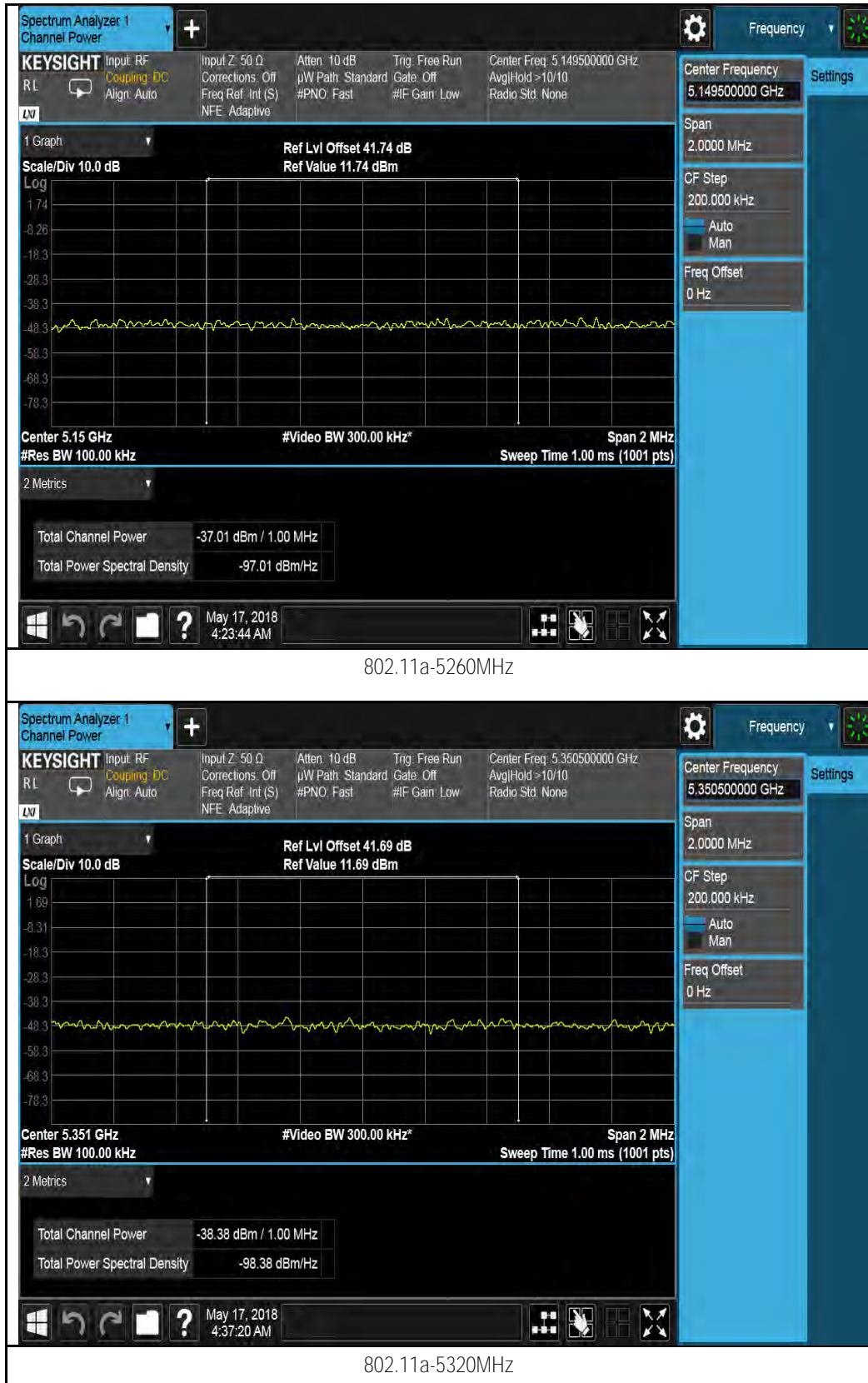
Requirement(s):

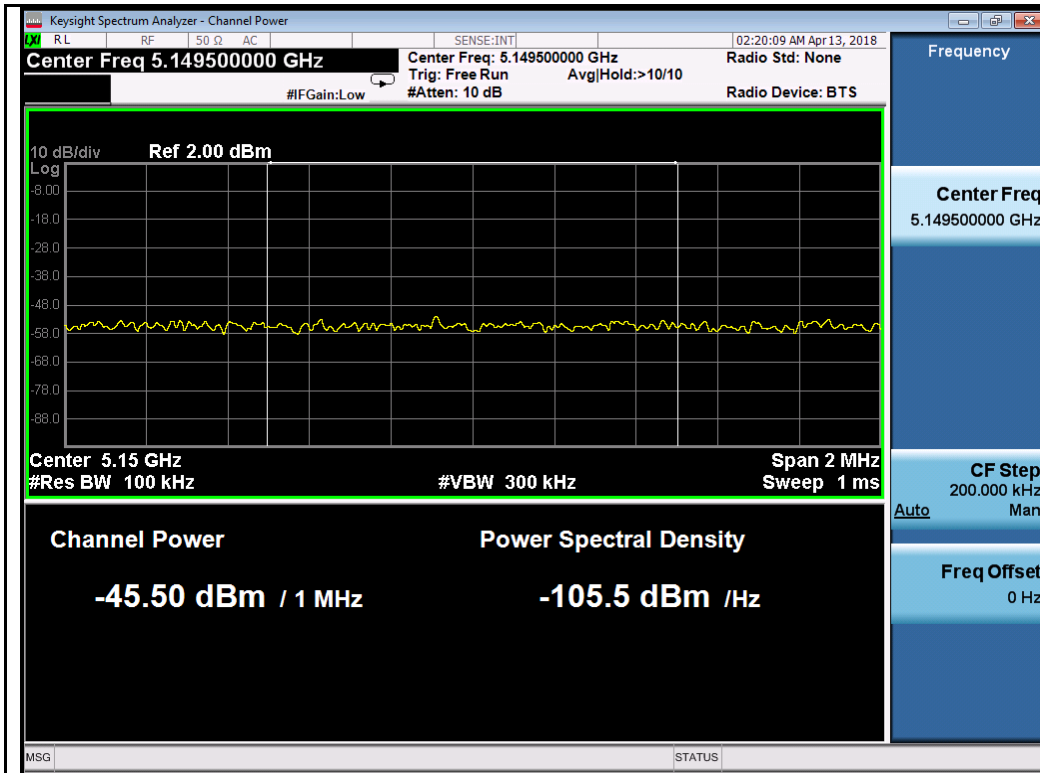
Spec	Item	Requirement	Applicable
47CFRS 15.407(b)(2), 15.407(b)(6) RSS 247	(1)	For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.	<input type="checkbox"/>
	(2)	For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.	<input checked="" type="checkbox"/>
	(3)	For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 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 within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.	<input type="checkbox"/>
Test Setup			
Procedure	789033 D02 General UNII Test Procedures New Rules v01, II.F. Method SA-1  <u>Band Edge measurement:</u> <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

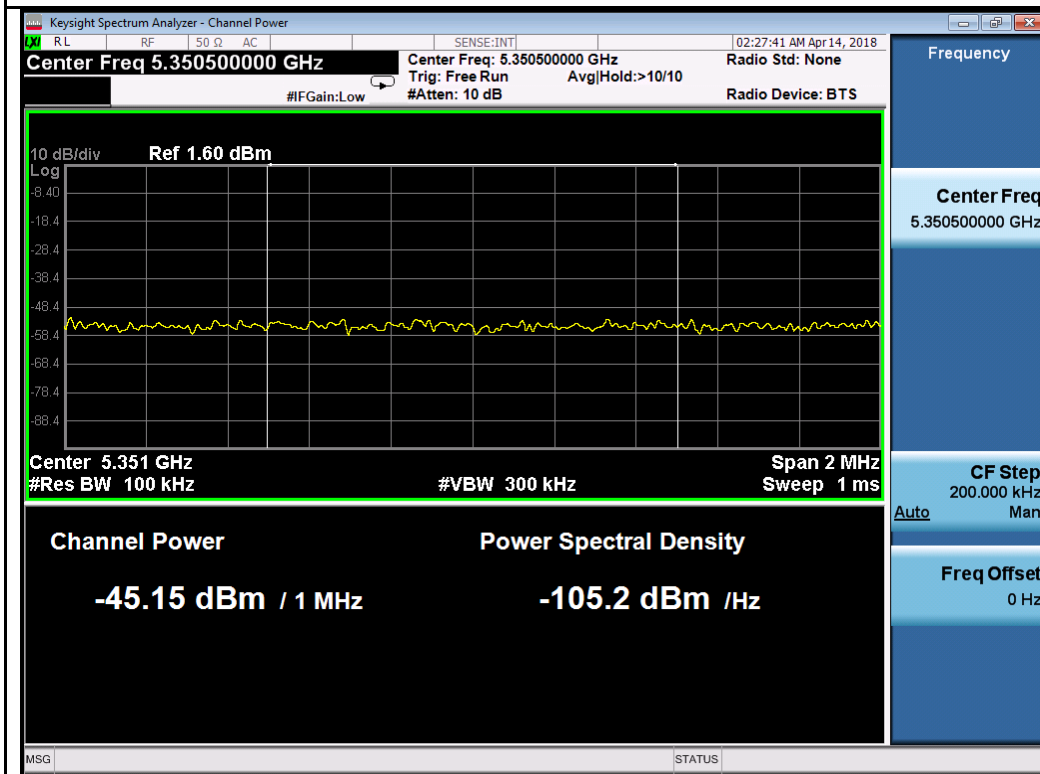
Test was done by Deon Dai at RF test site.

Test Plots for W53 (8x8 mode):  
Chain 0:



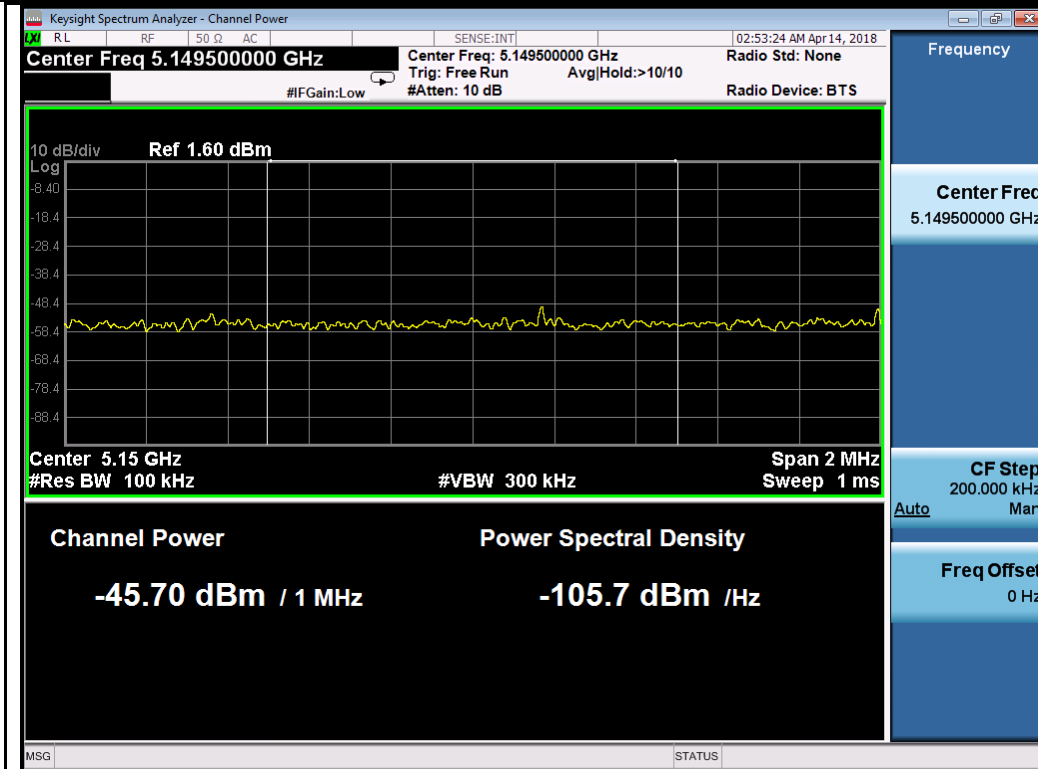


802.11ax20-5260MHz

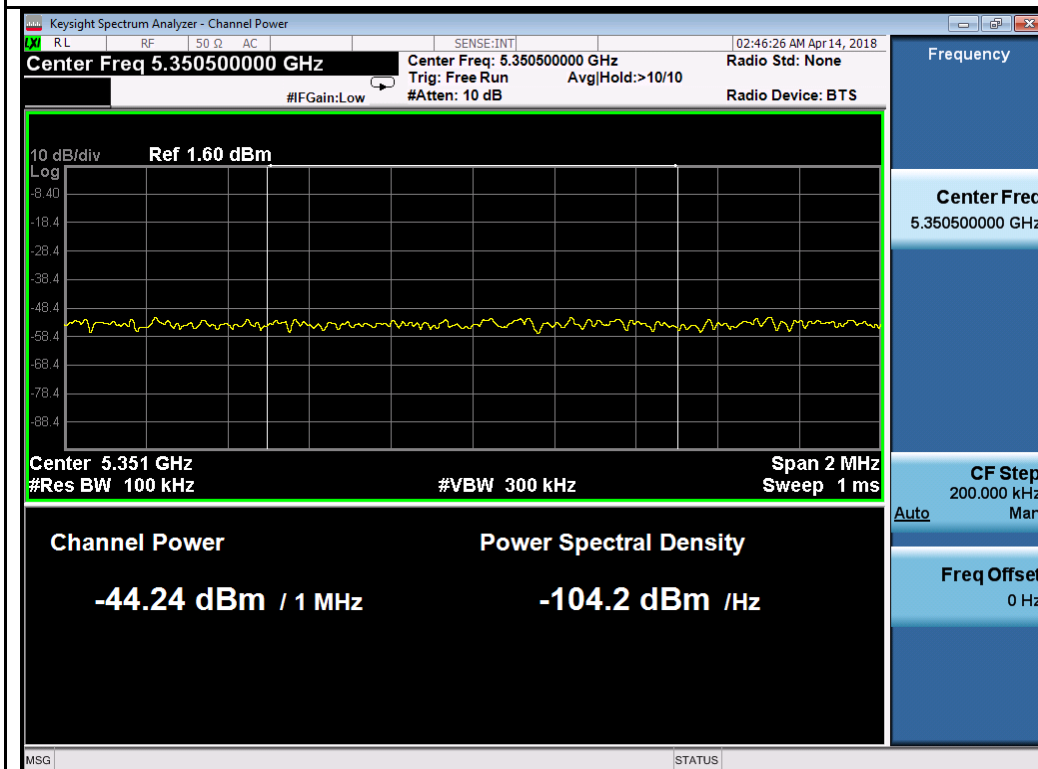


802.11ax20-5320MHz

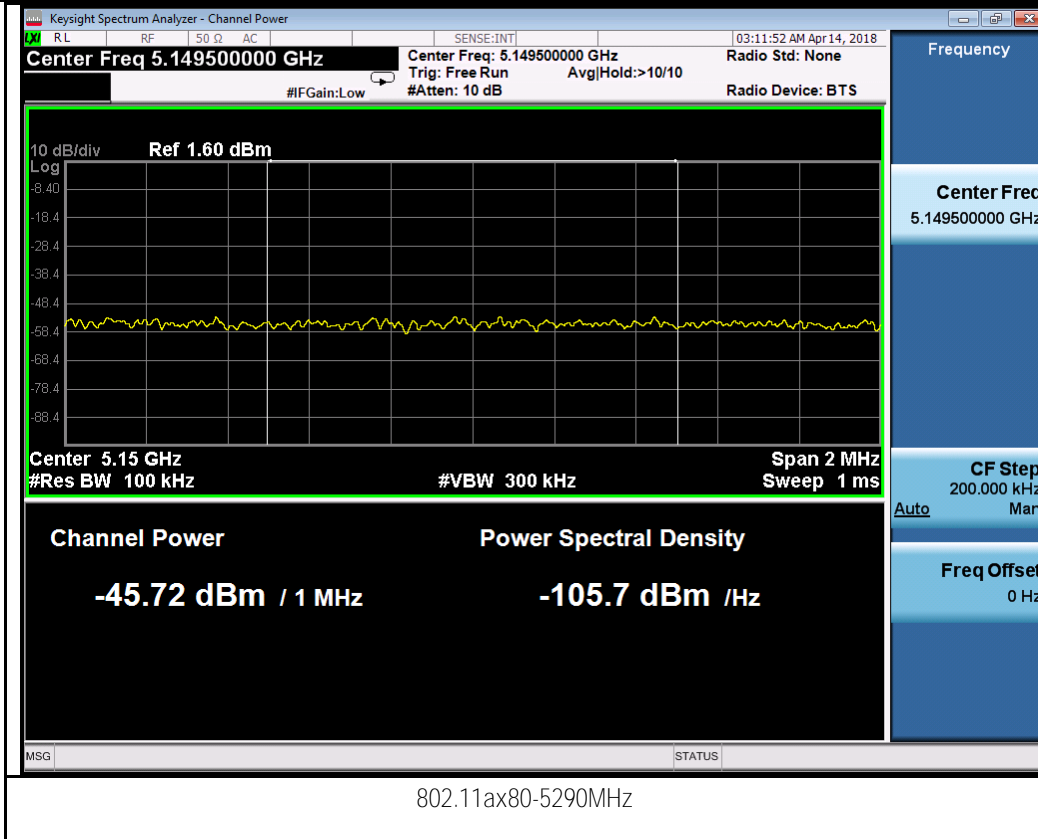




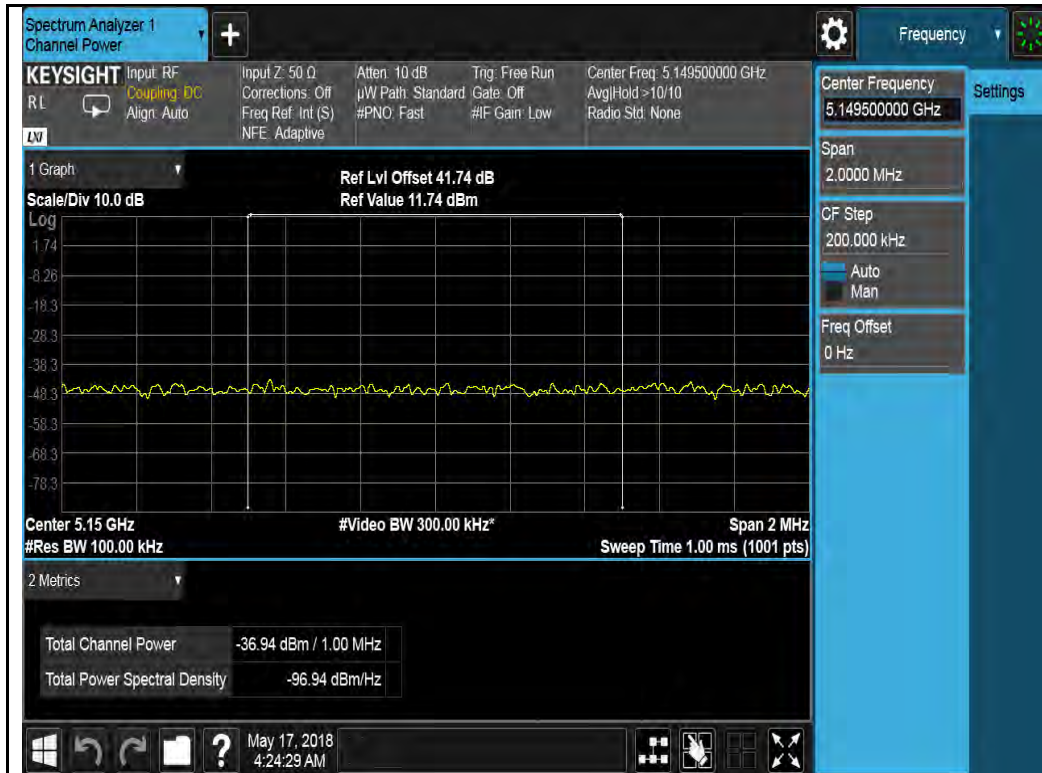
802.11ax40-5270MHz



802.11ax40-5310MHz



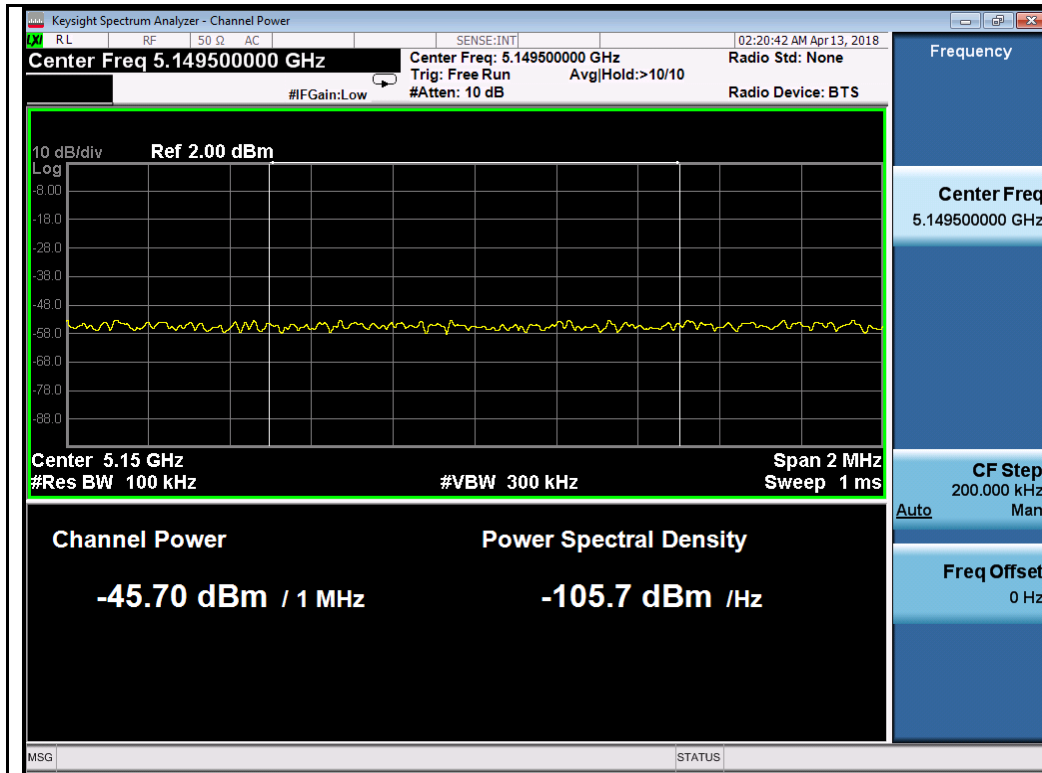
Chain 1:



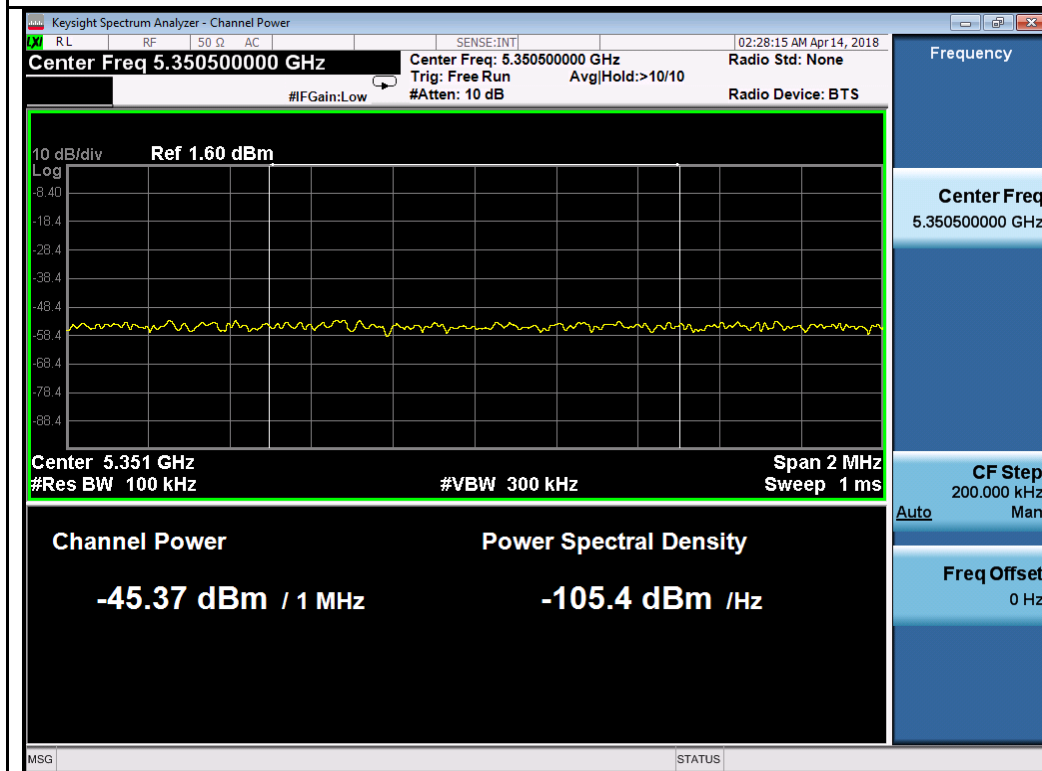
802.11a-5260MHz



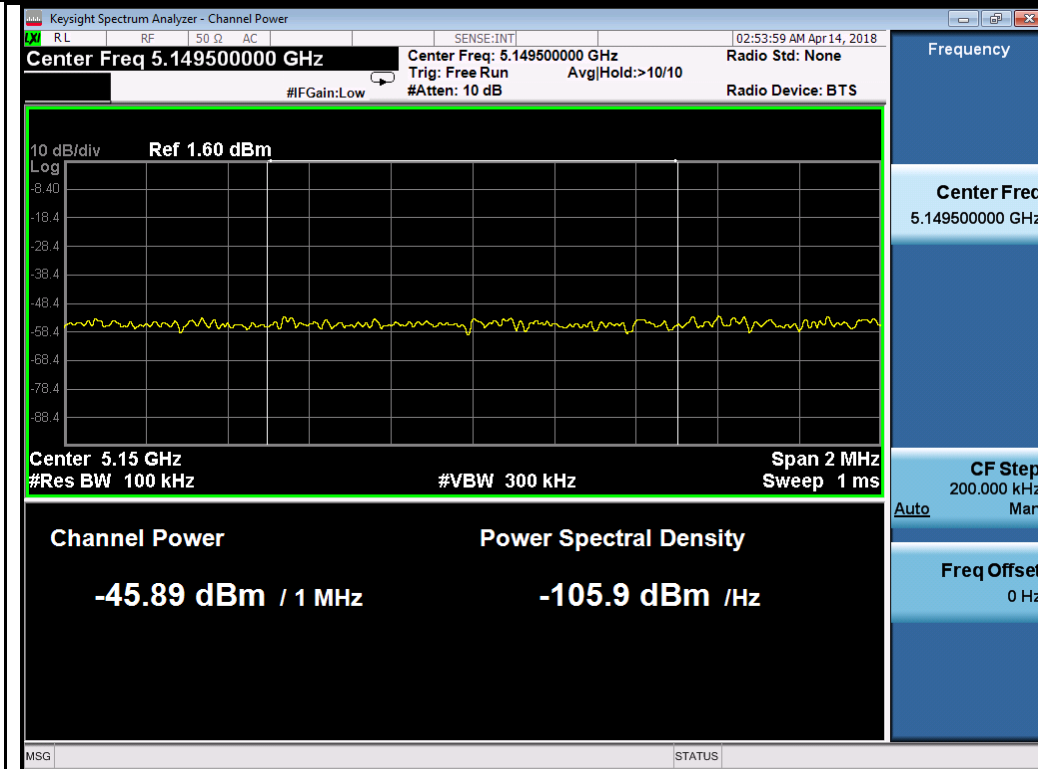
802.11a-5320MHz



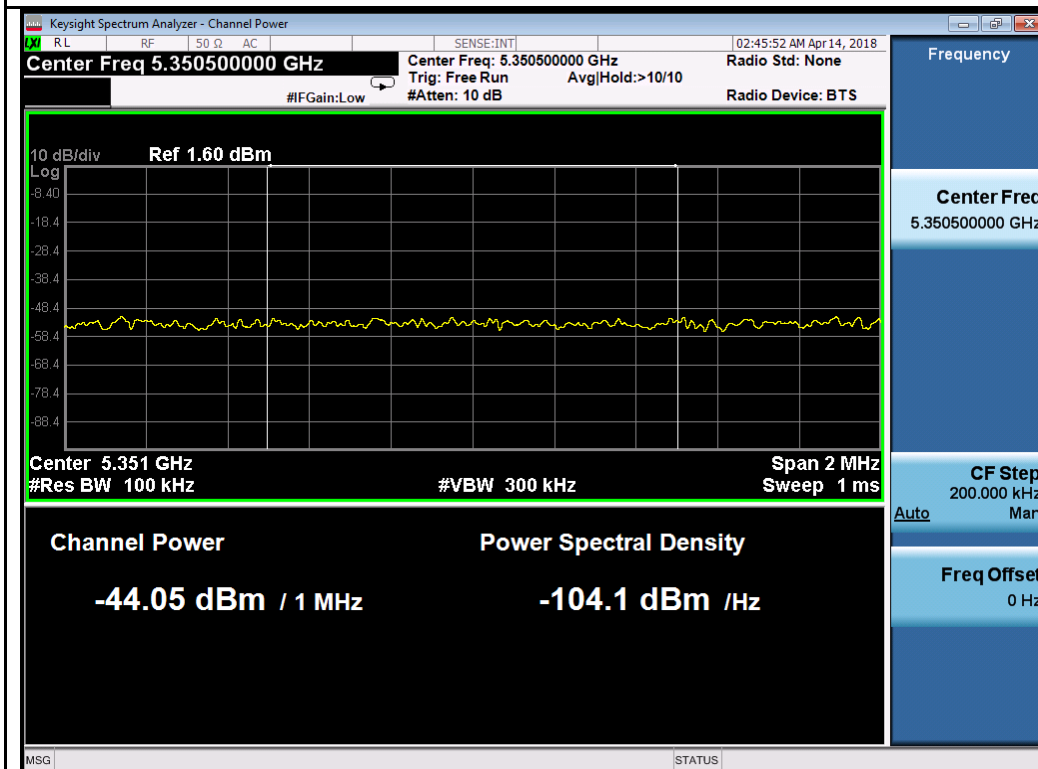
802.11ax20-5260MHz



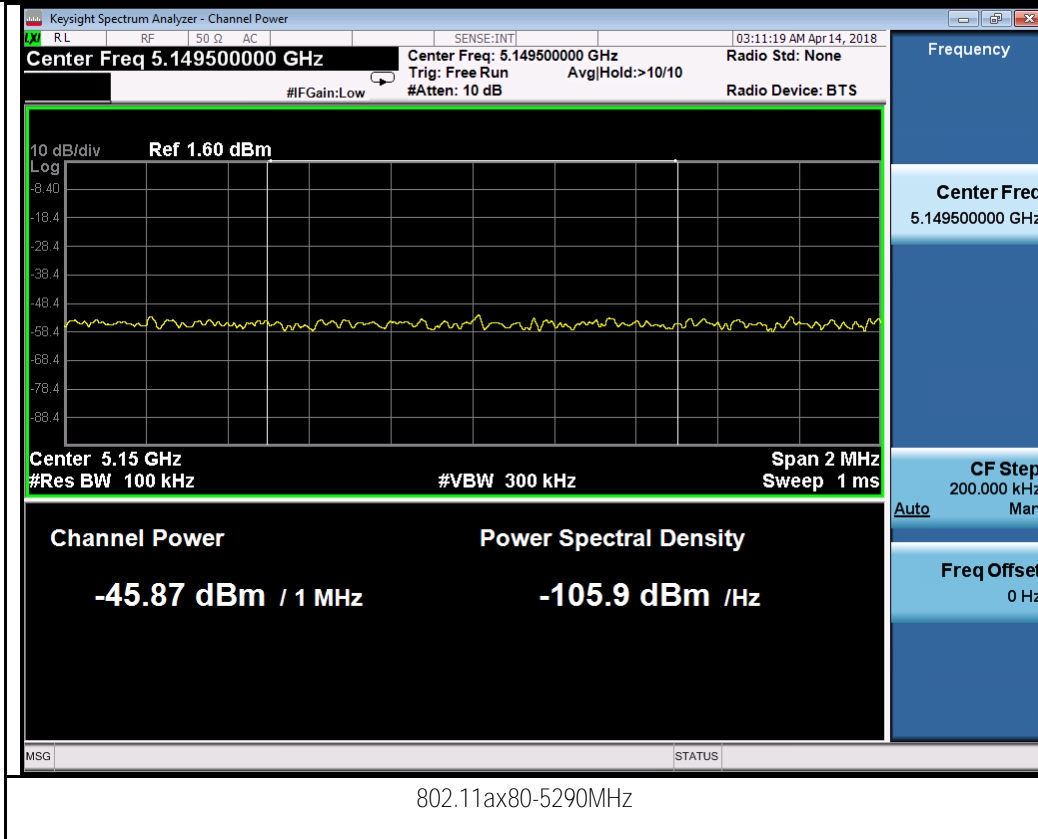
802.11ax20-5320MHz



802.11ax40-5270MHz

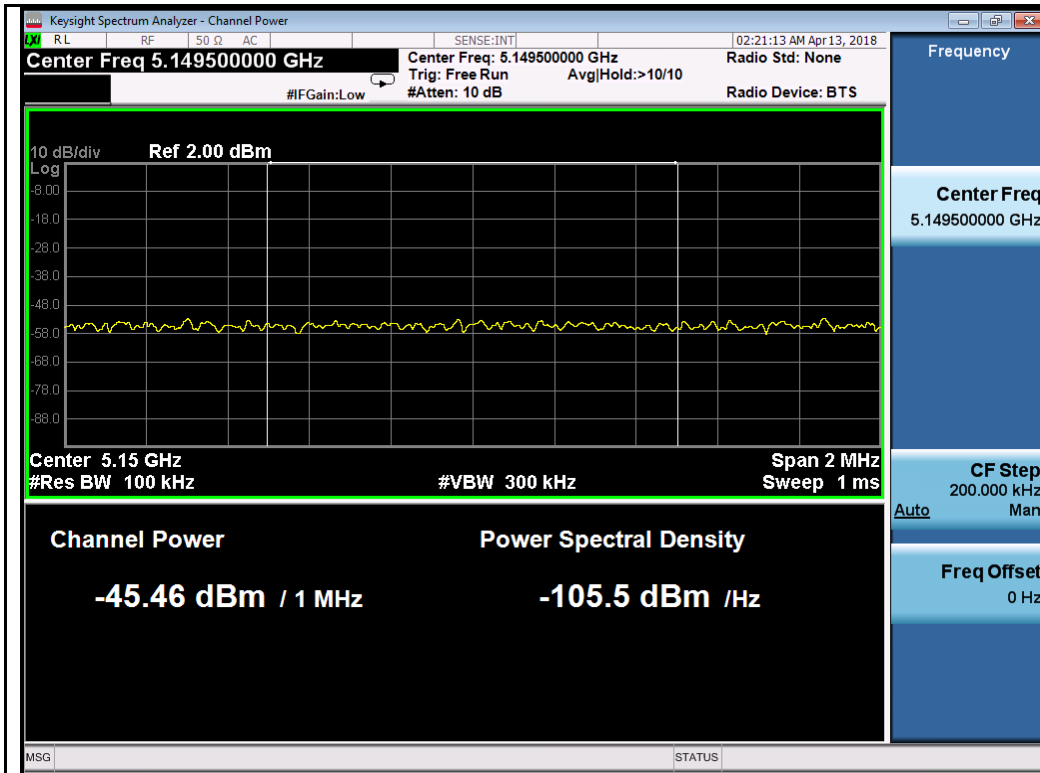


802.11ax40-5310MHz

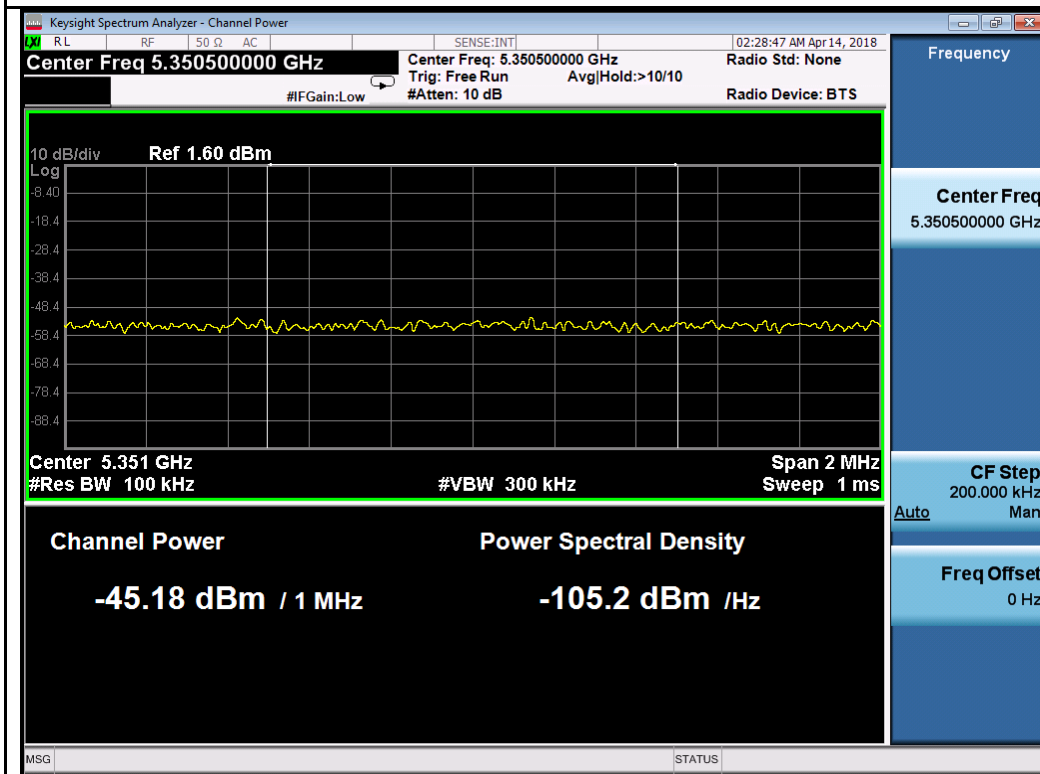


Chain 2:



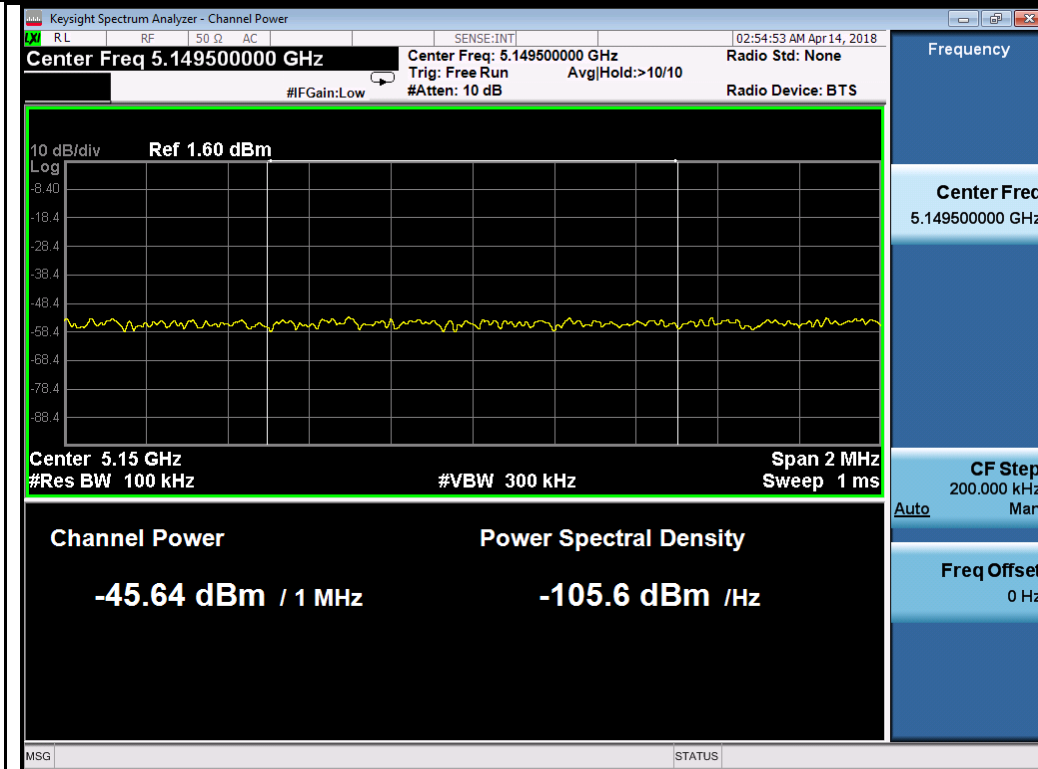


802.11ax20-5260MHz

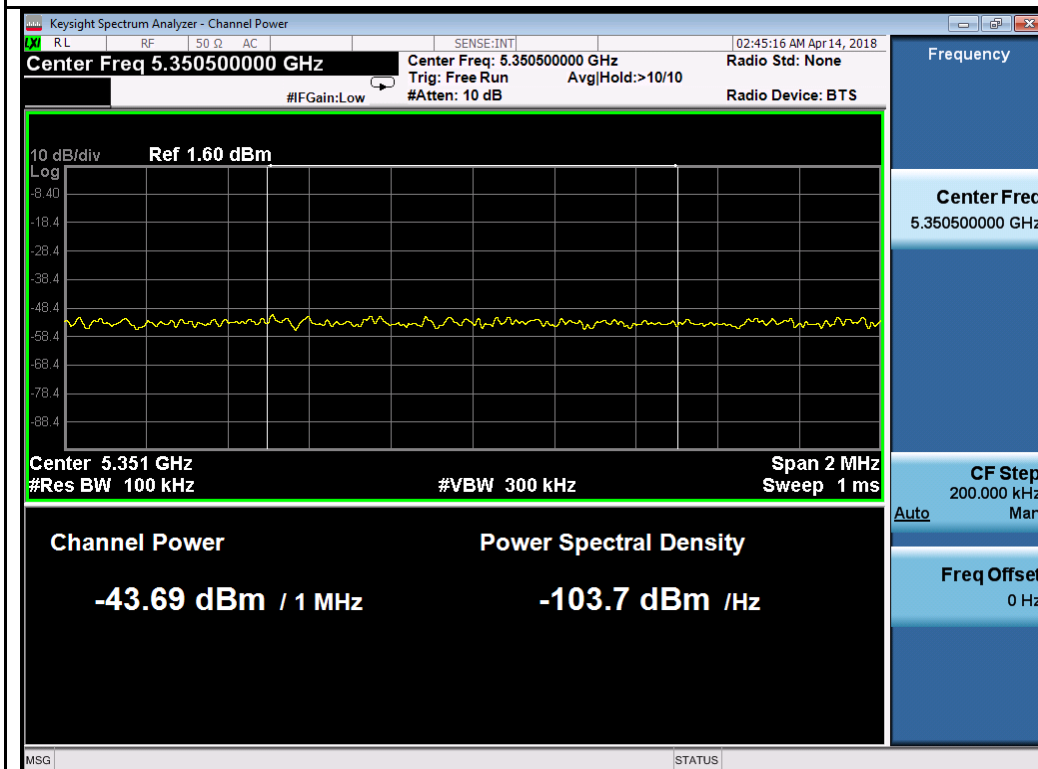


802.11ax20-5320MHz

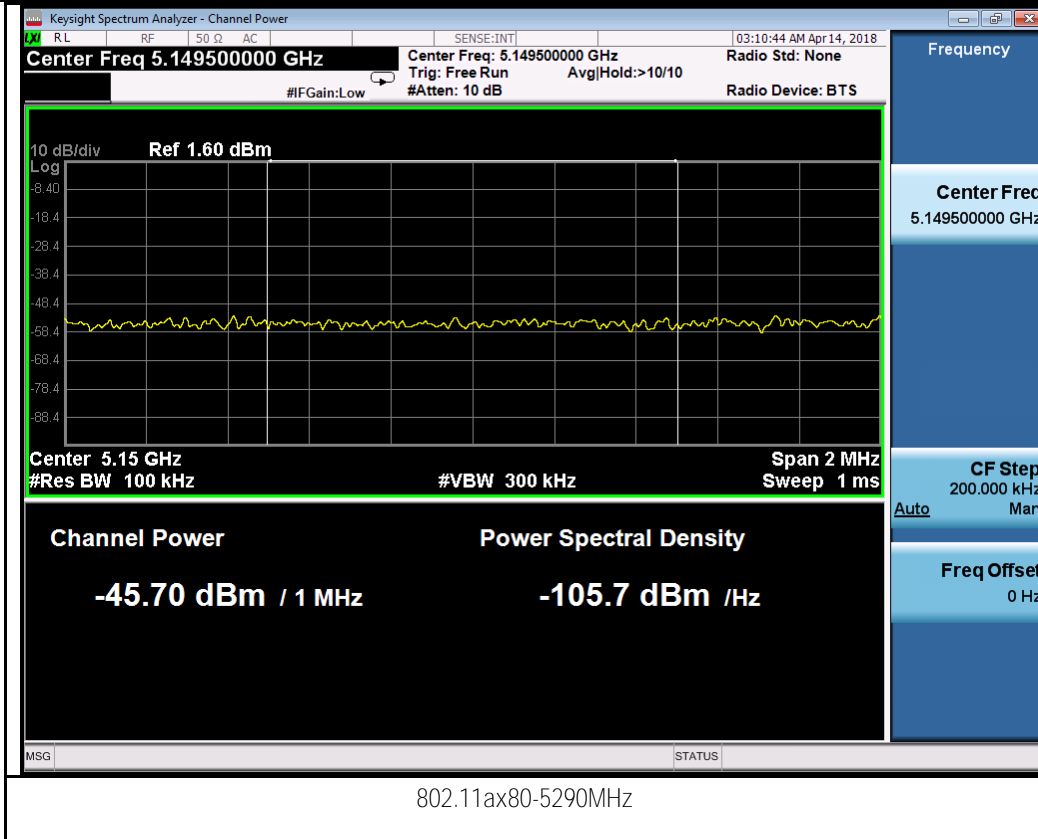




802.11ax40-5270MHz



802.11ax40-5310MHz



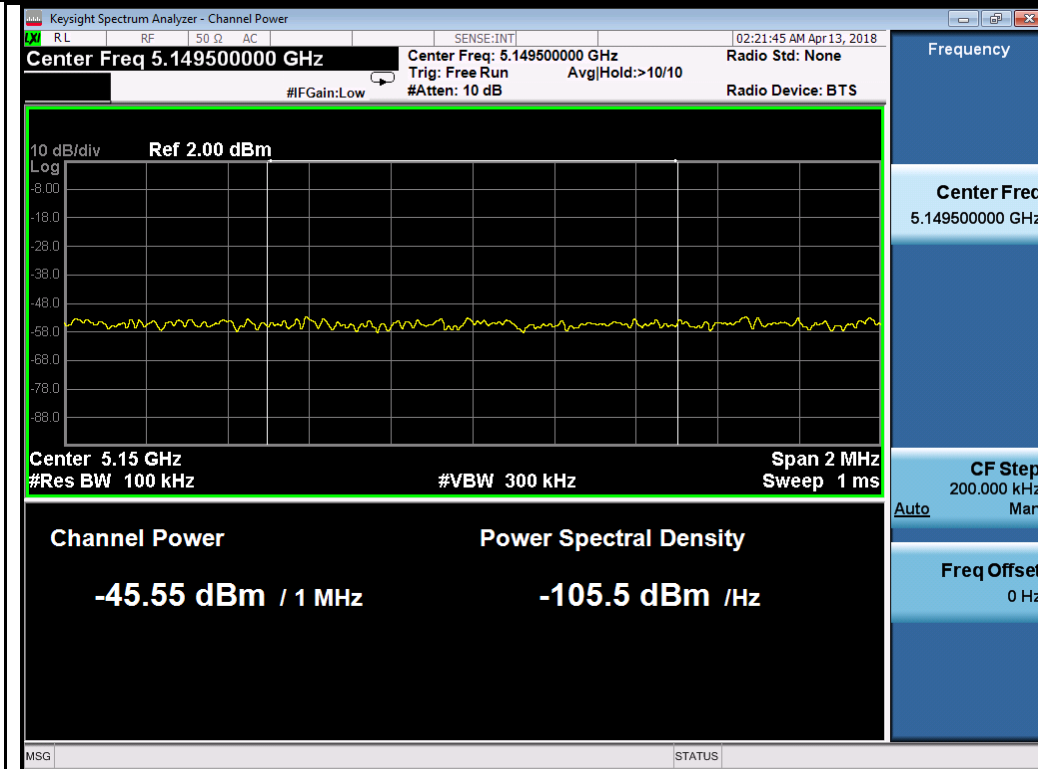
Chain 3:



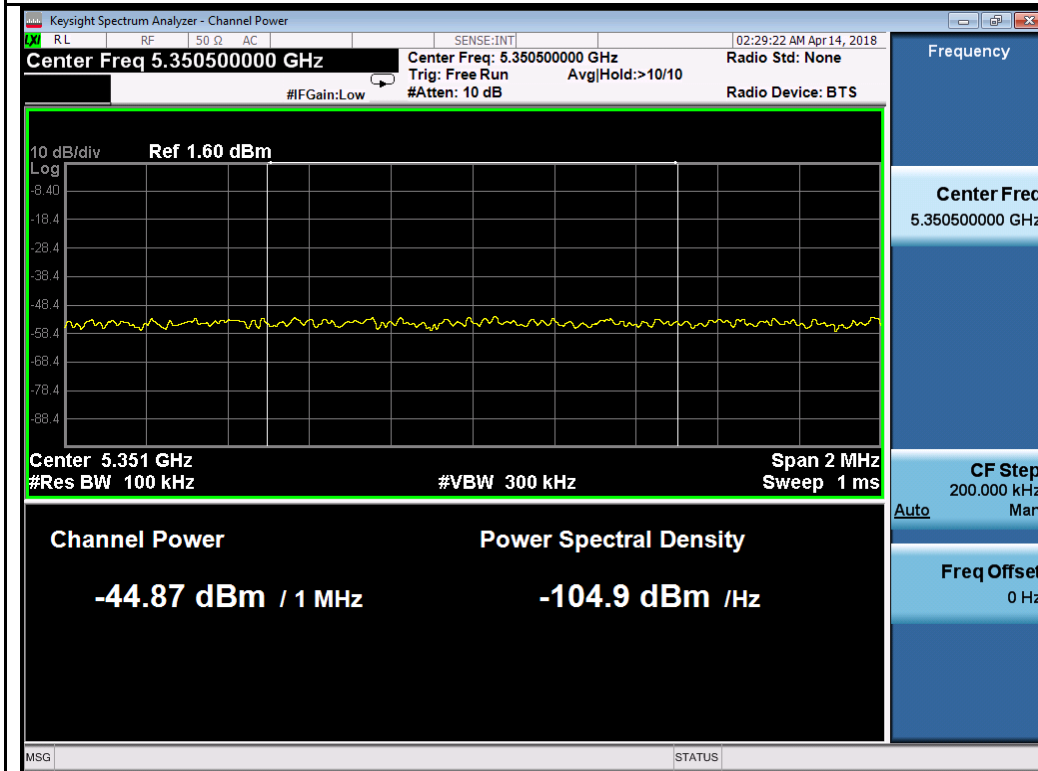
802.11a-5260MHz



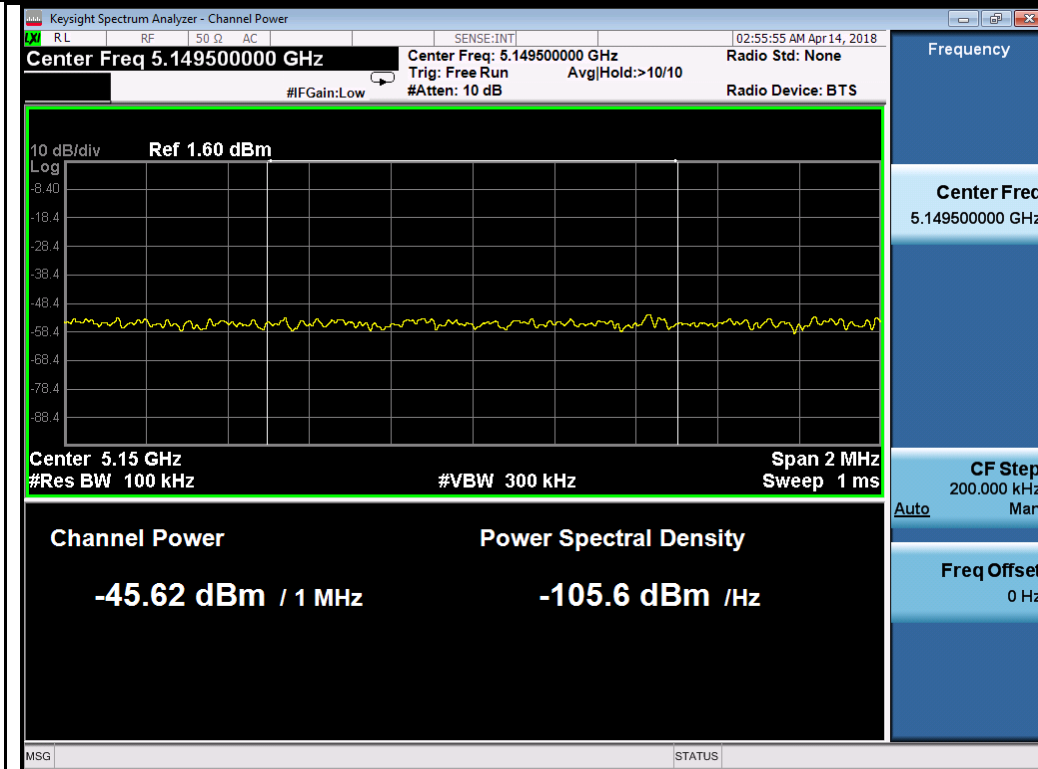
802.11a-5320MHz



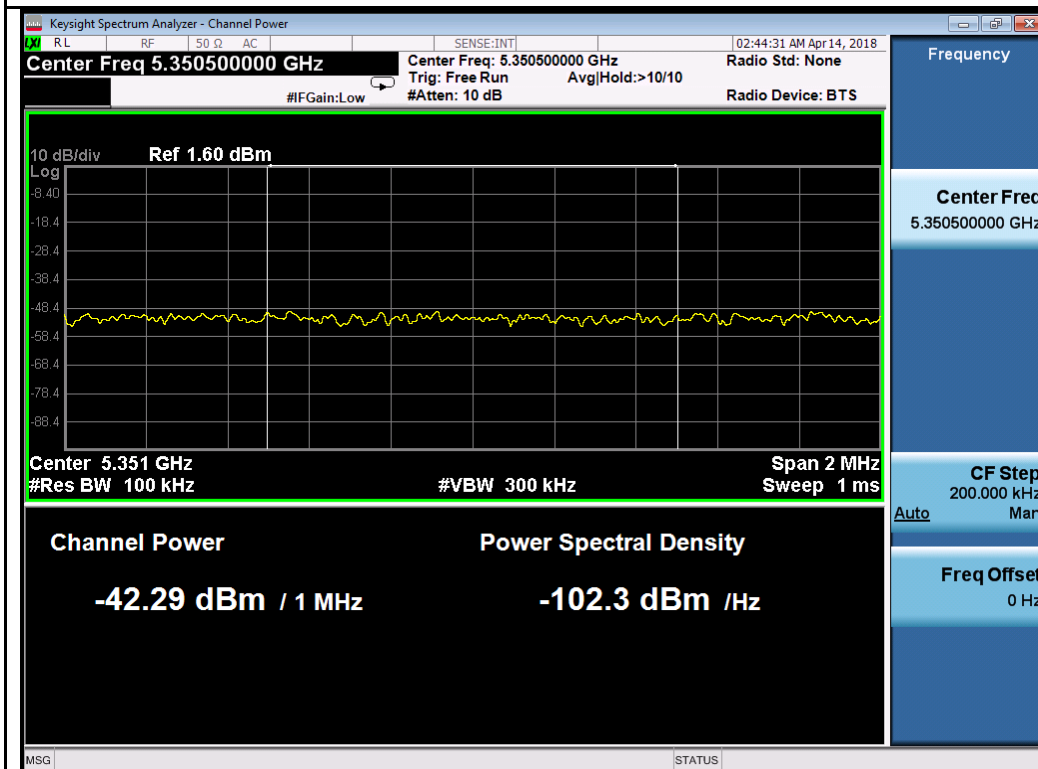
802.11ax20-5260MHz



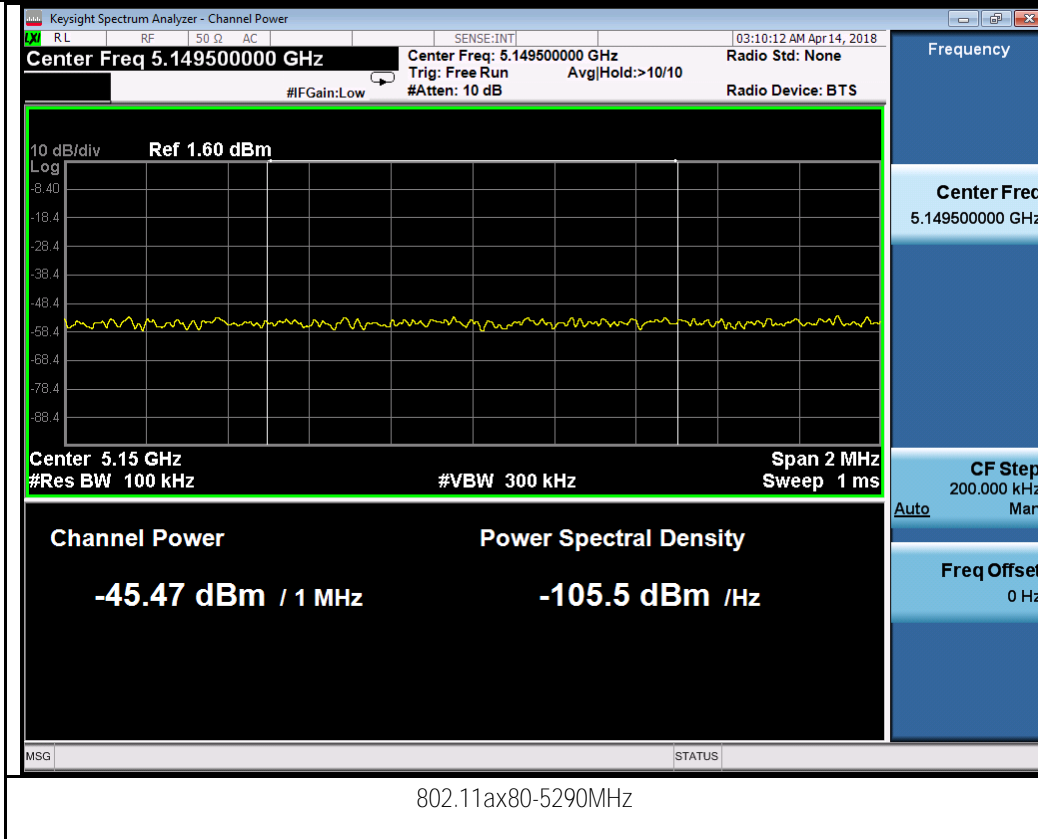
802.11ax20-5320MHz



802.11ax40-5270MHz



802.11ax40-5310MHz



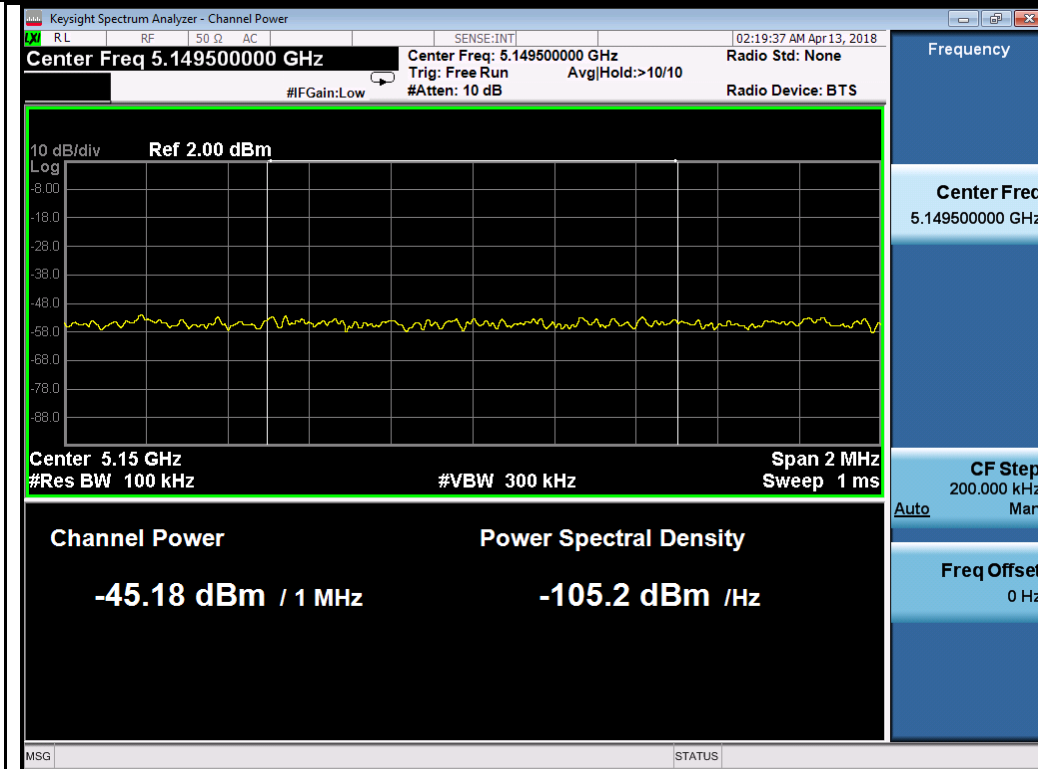
Chain 4:



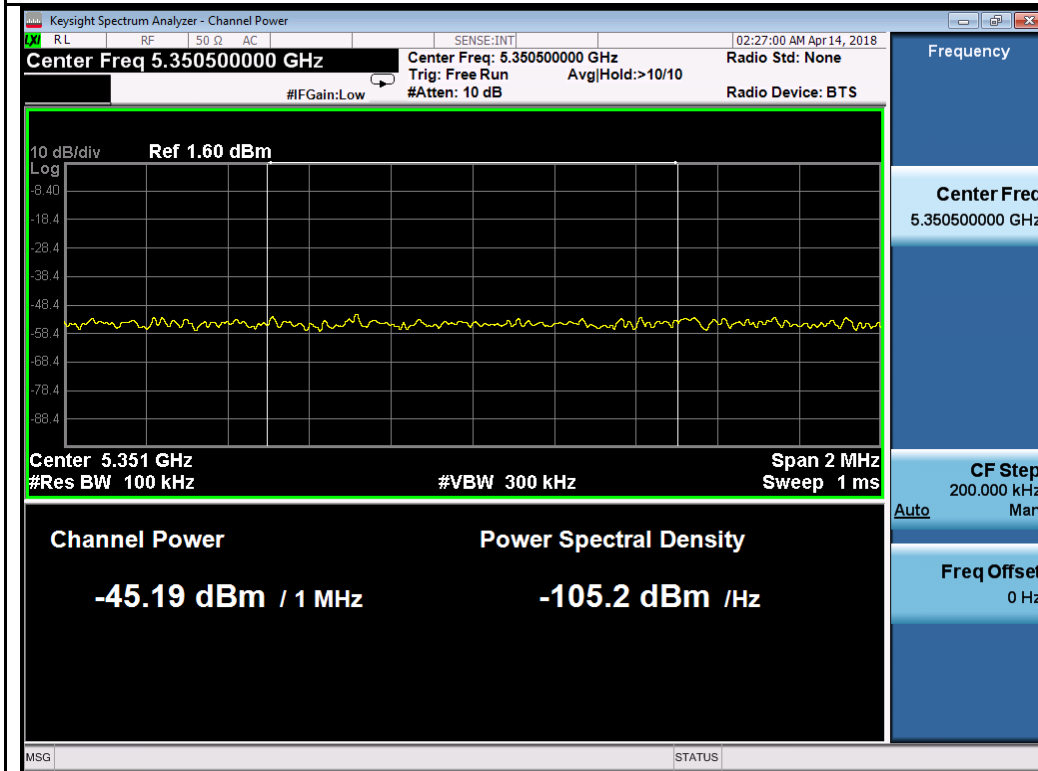
802.11a-5260MHz



802.11a-5320MHz

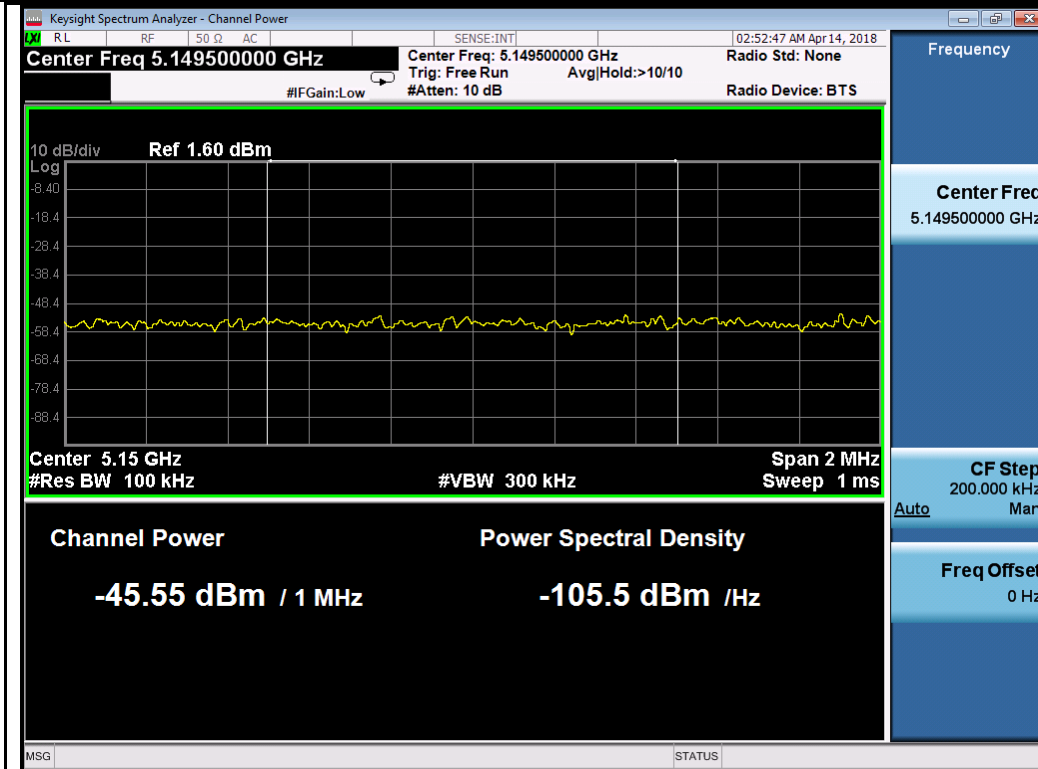


802.11ax20-5260MHz

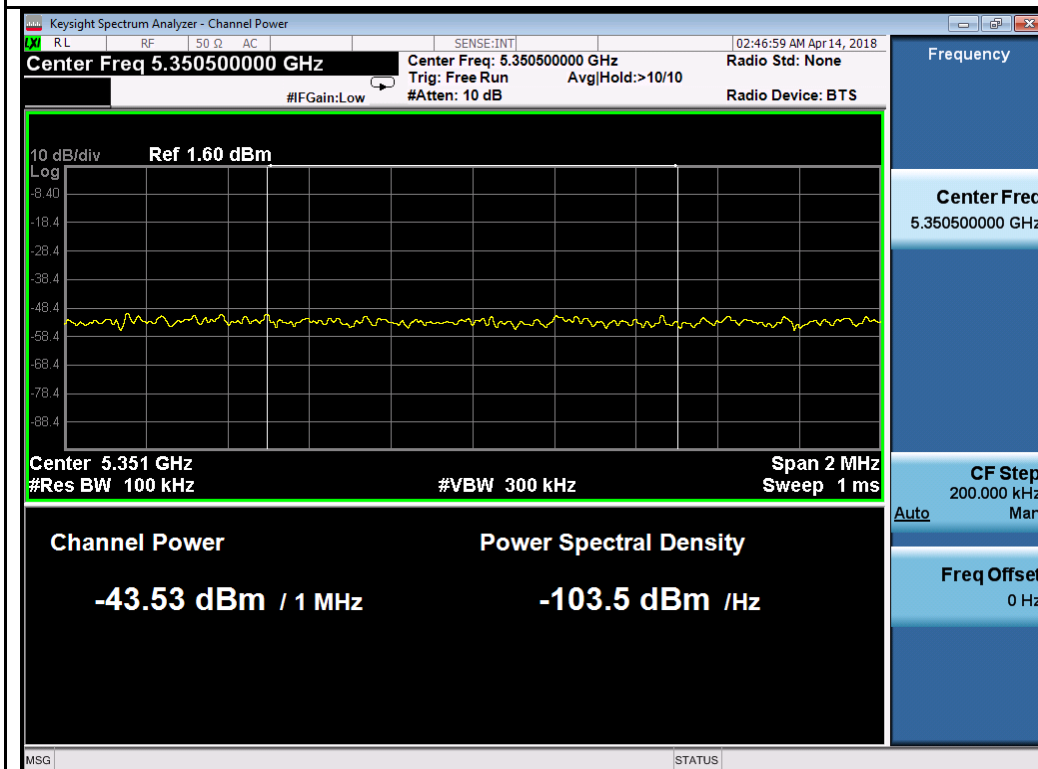


802.11ax20-5320MHz

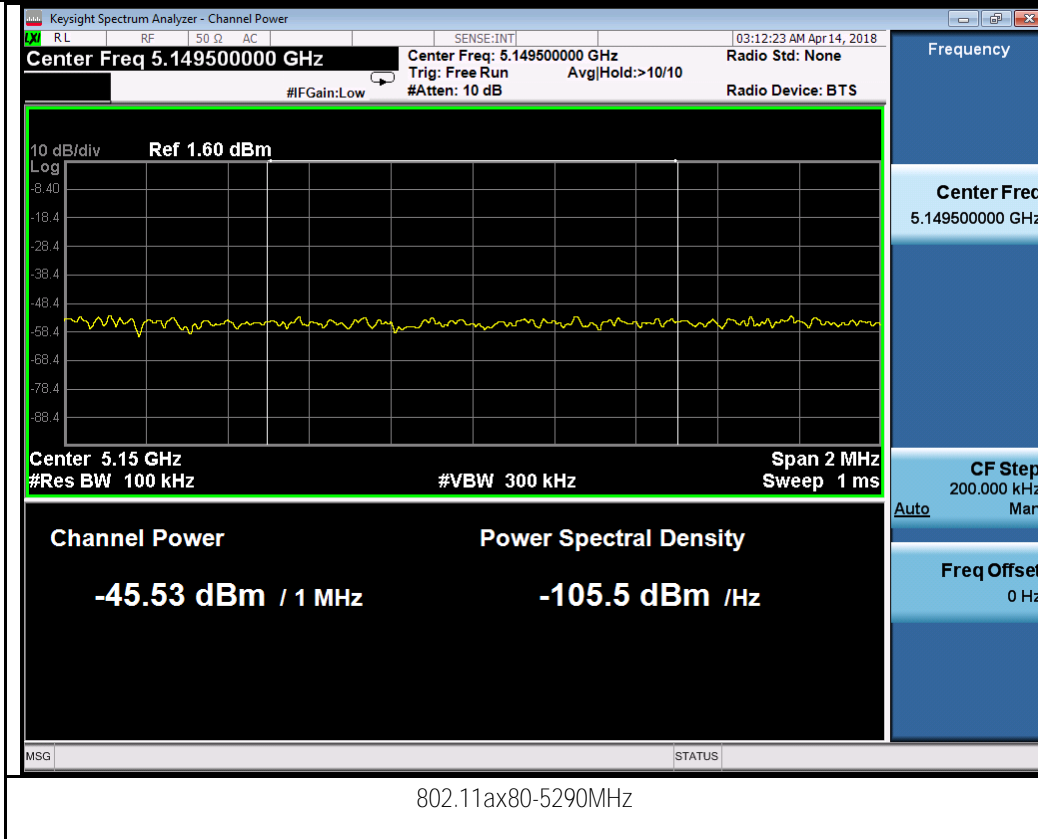




802.11ax40-5270MHz



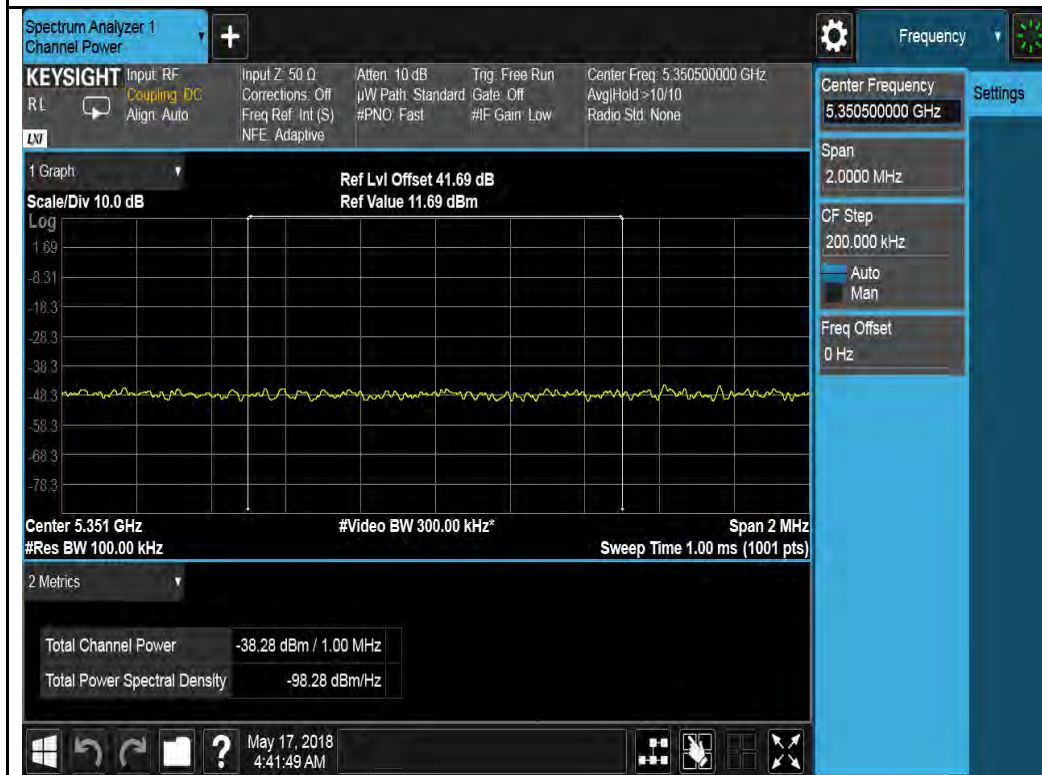
802.11ax40-5310MHz



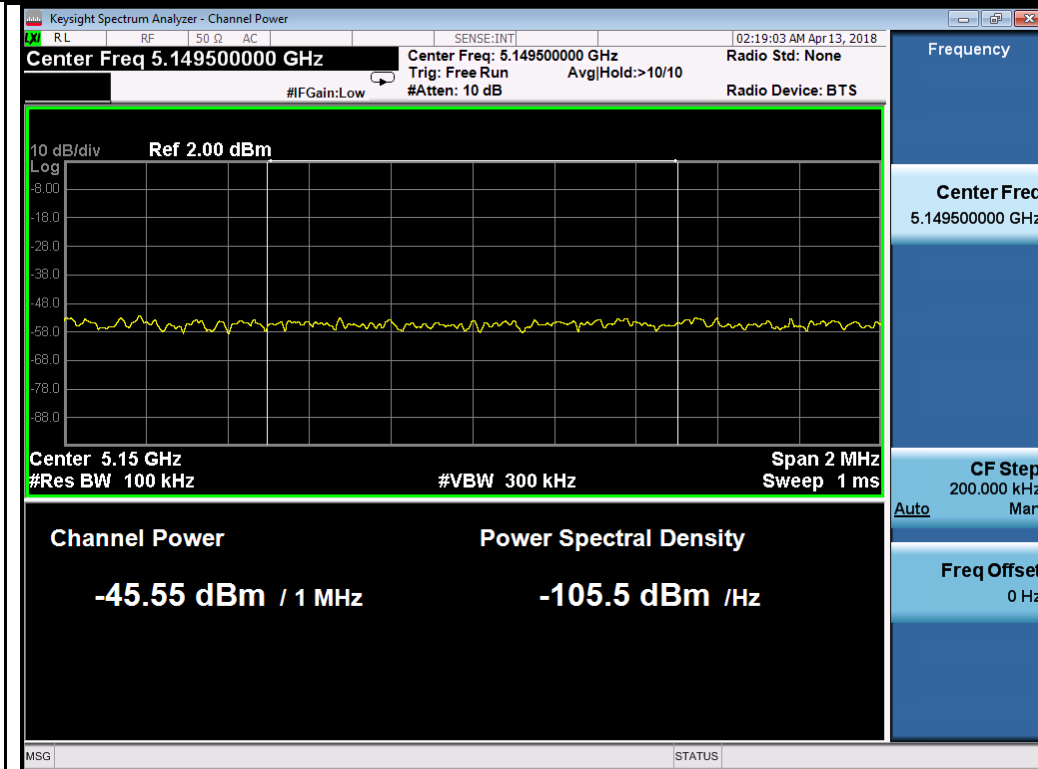
Chain 5:



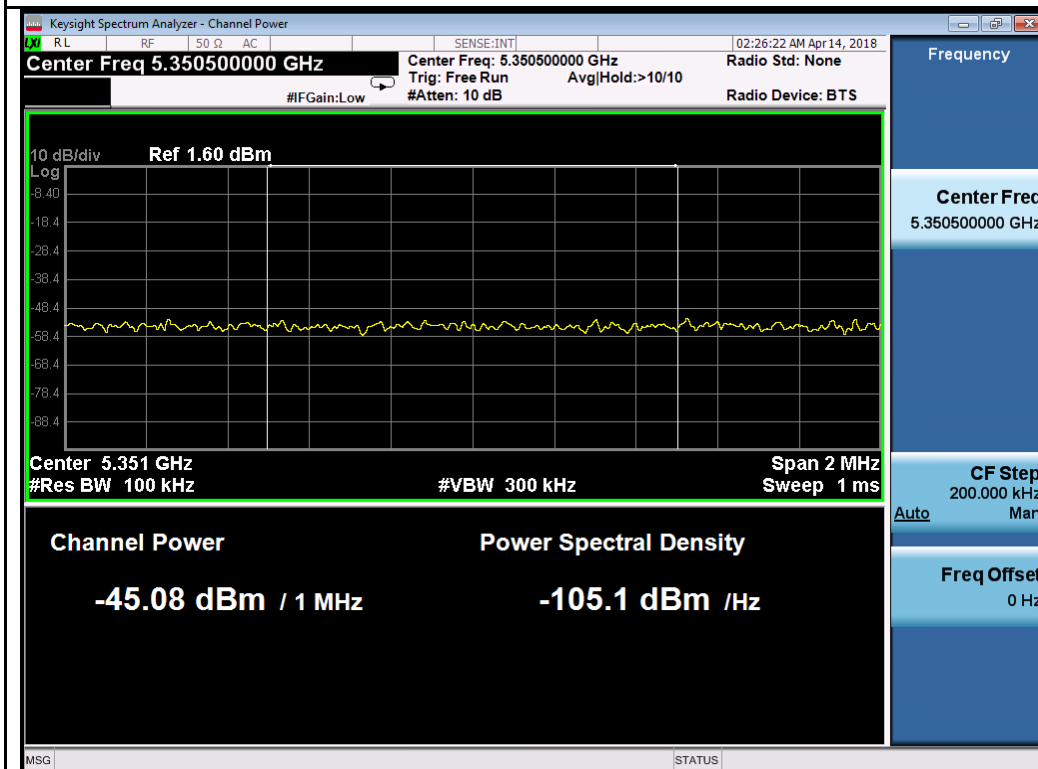
802.11a-5260MHz



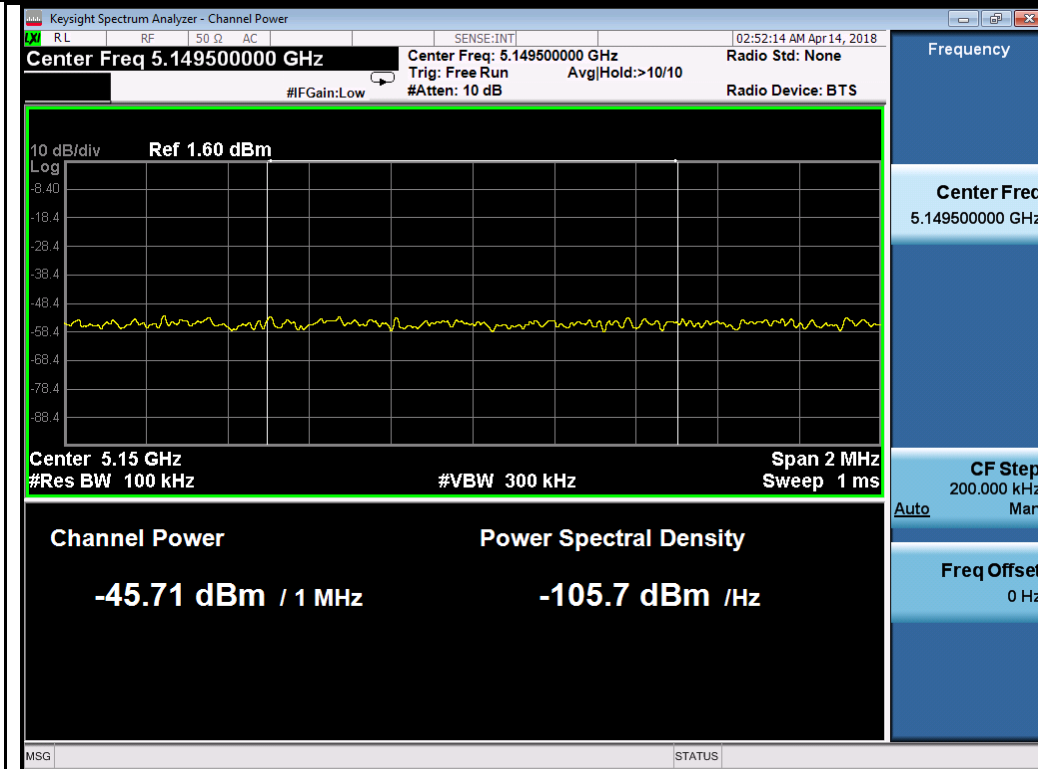
802.11a-5320MHz



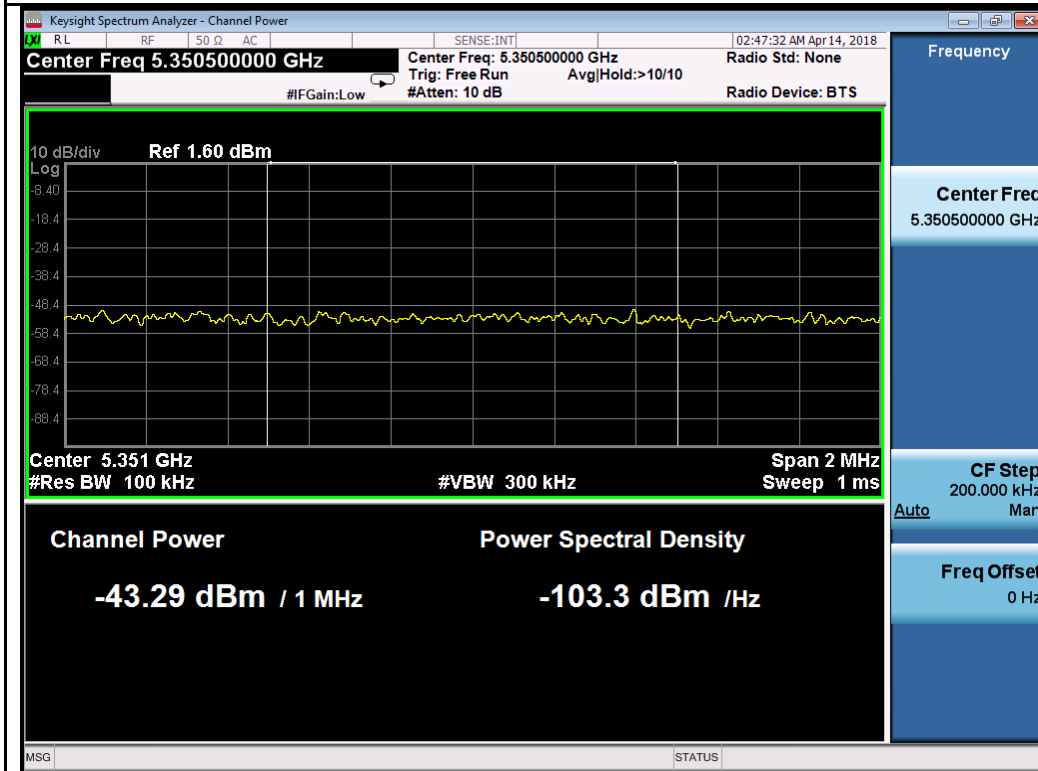
802.11ax20-5260MHz



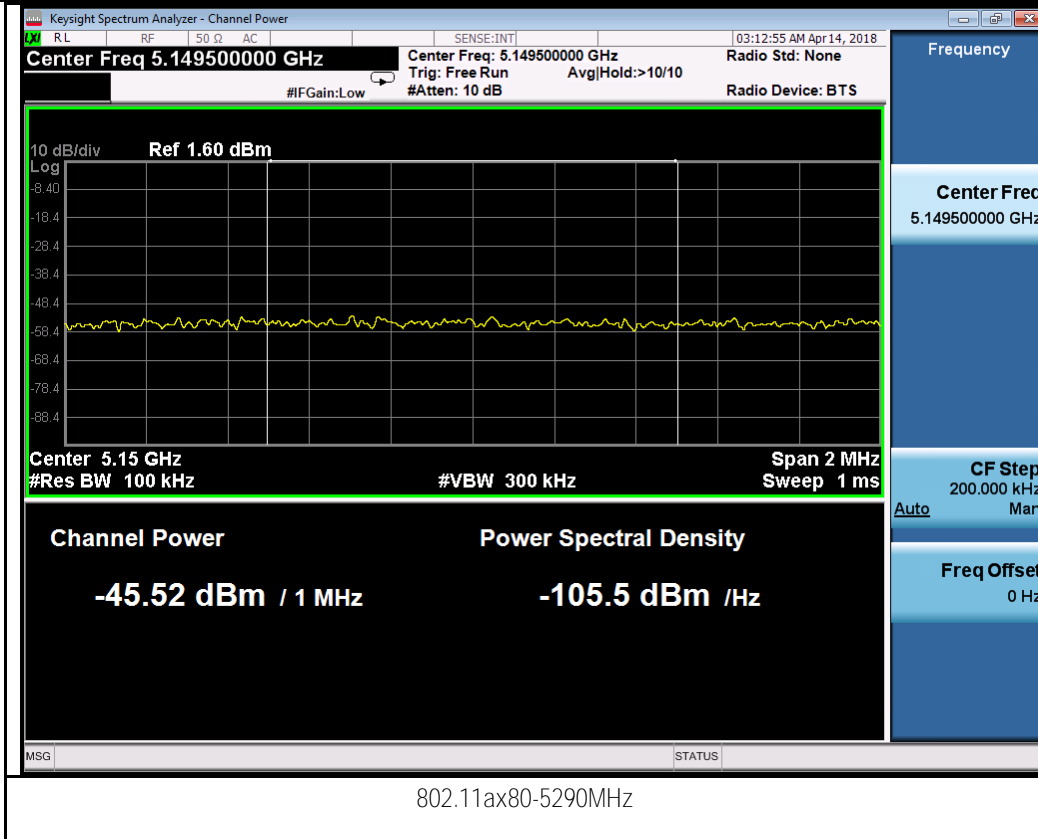
802.11ax20-5320MHz



802.11ax40-5270MHz



802.11ax40-5310MHz



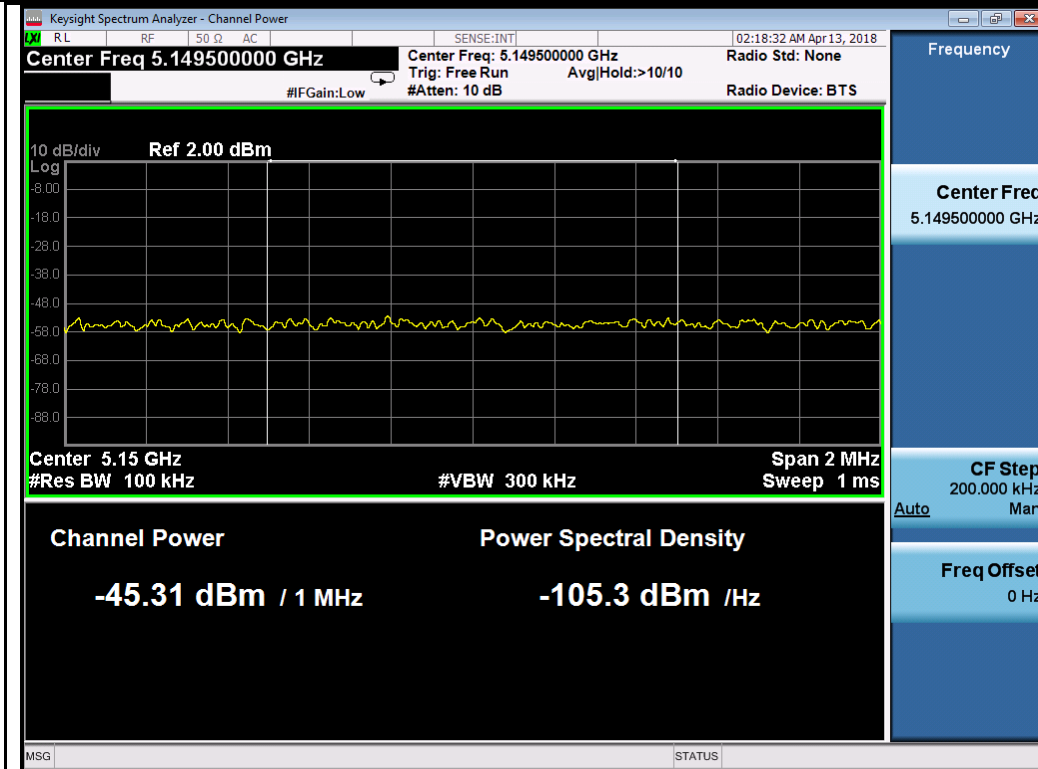
Chain 6:



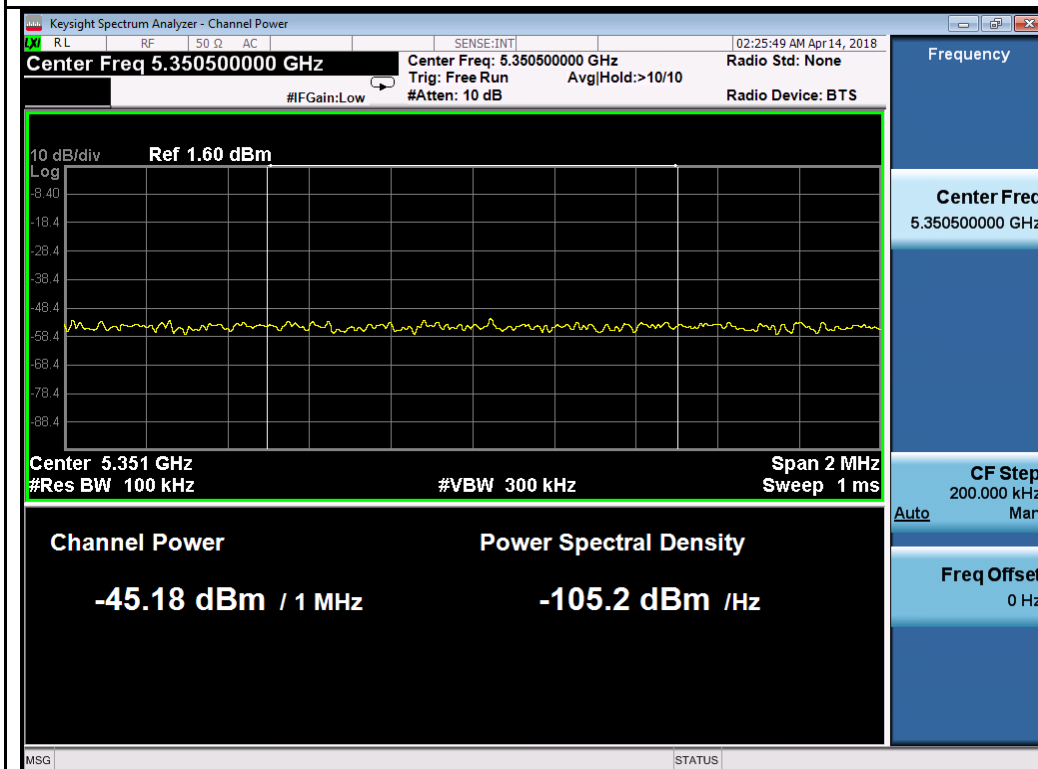
802.11a-5260MHz



802.11a-5320MHz

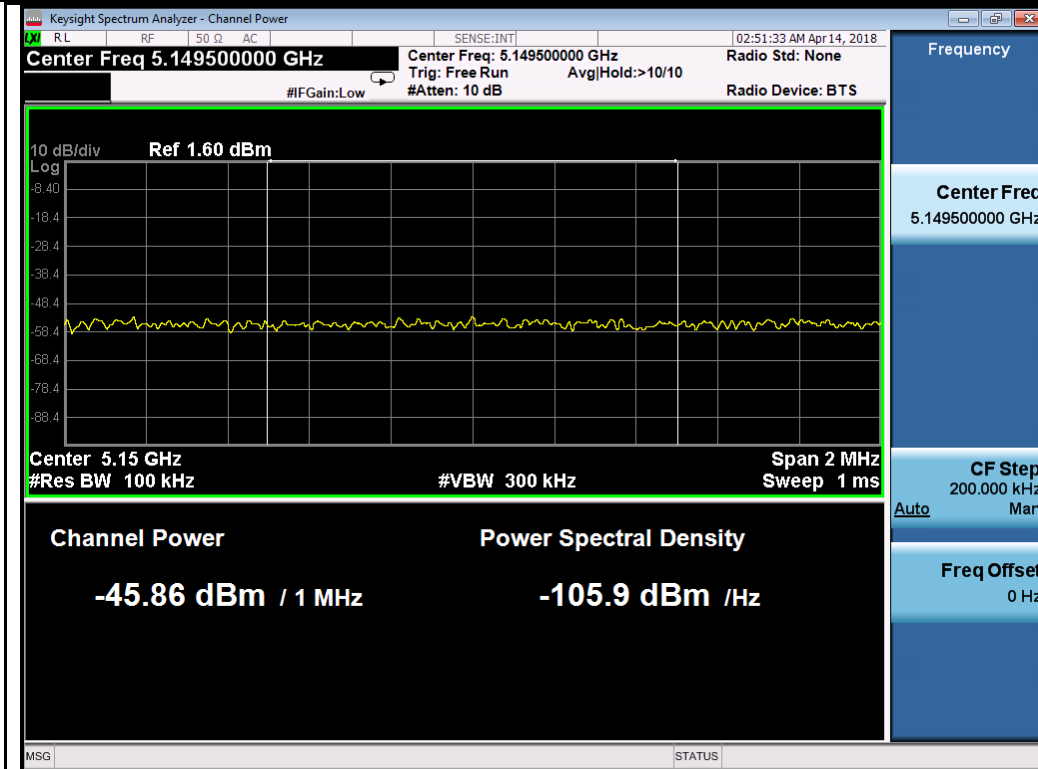


802.11ax20-5260MHz

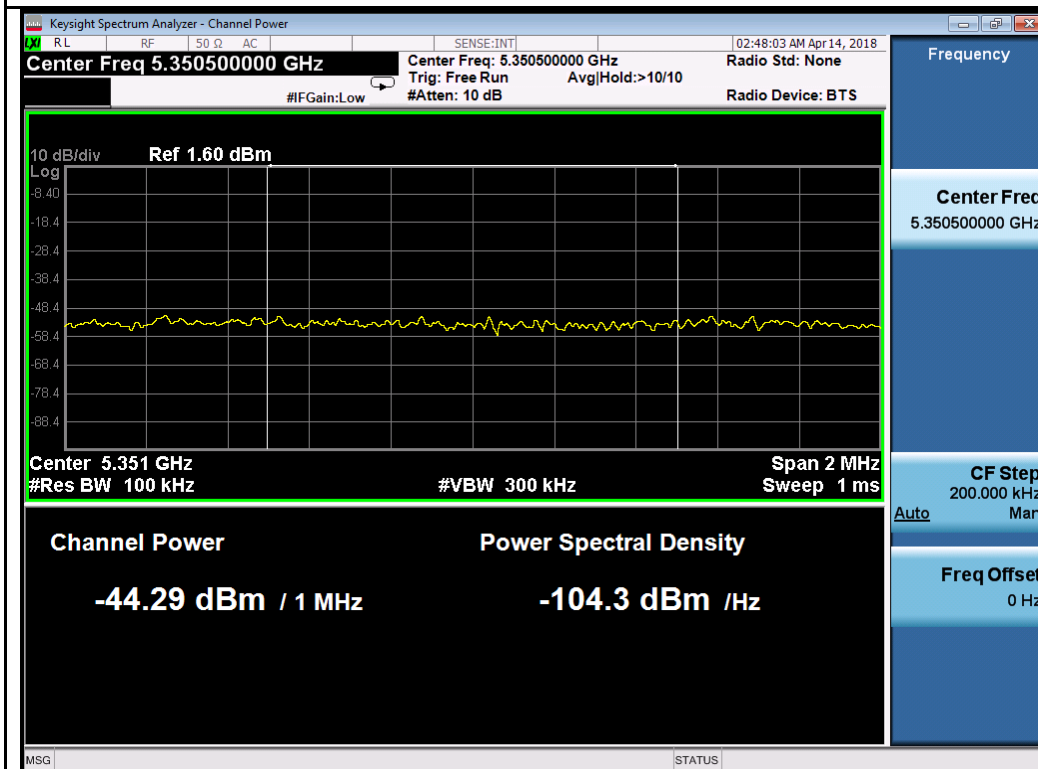


802.11ax20-5320MHz

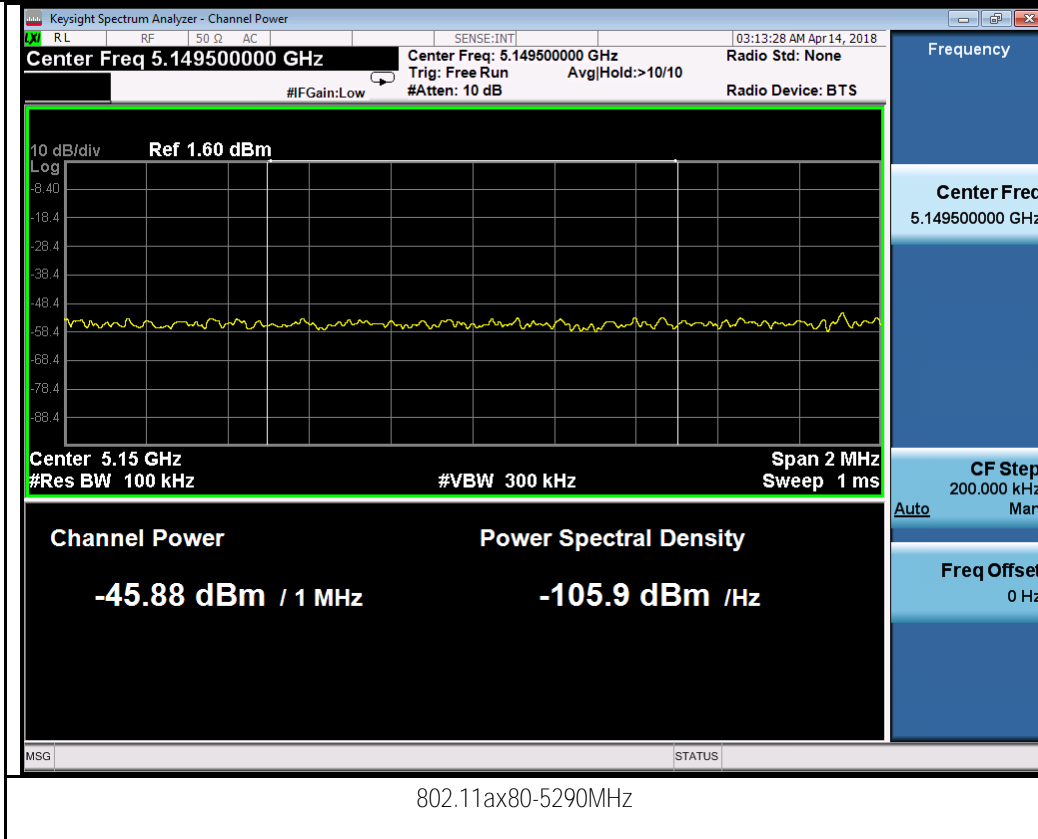




802.11ax40-5270MHz



802.11ax40-5310MHz



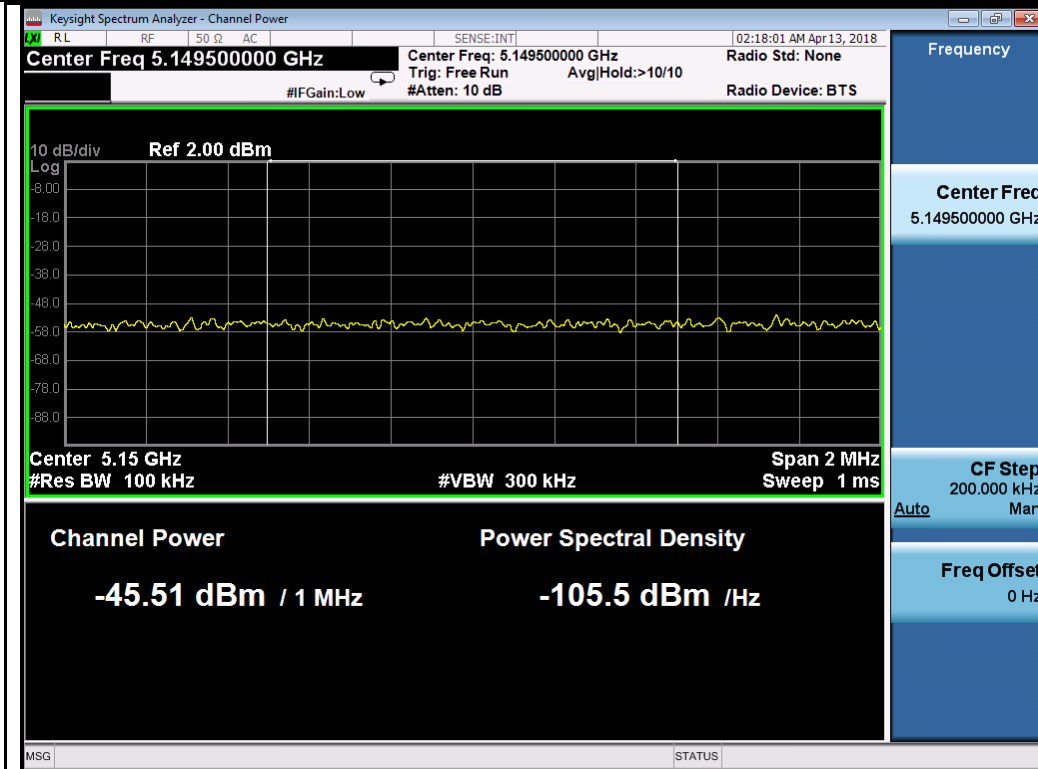
Chain 7:



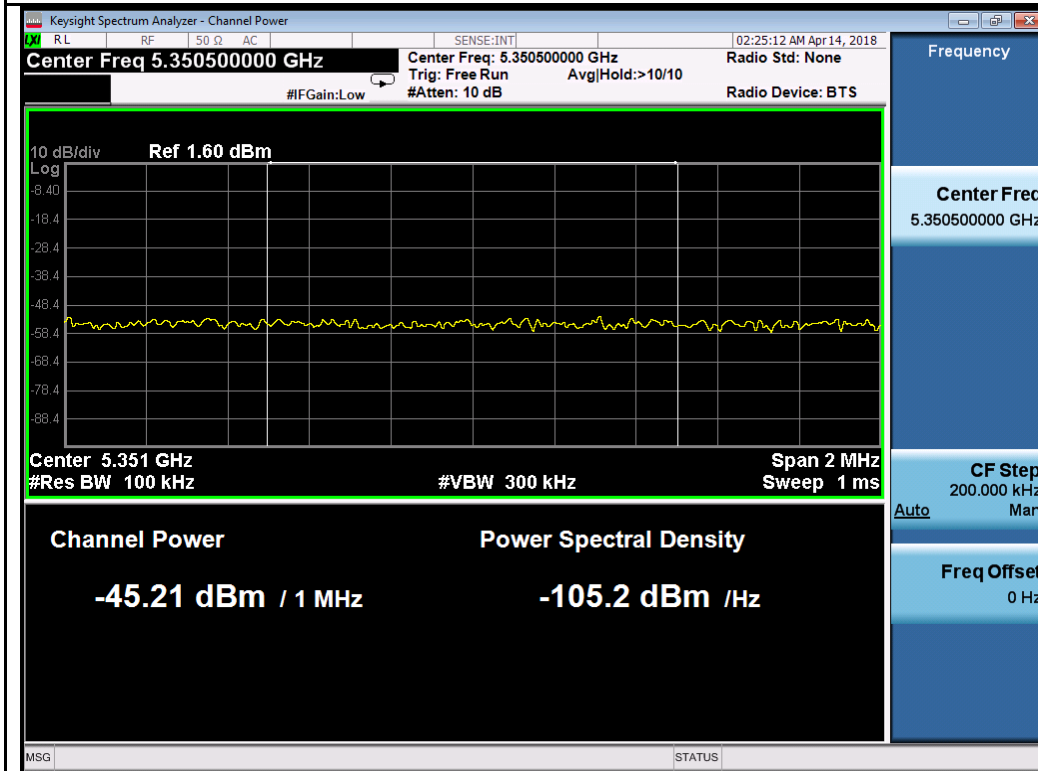
802.11a-5260MHz



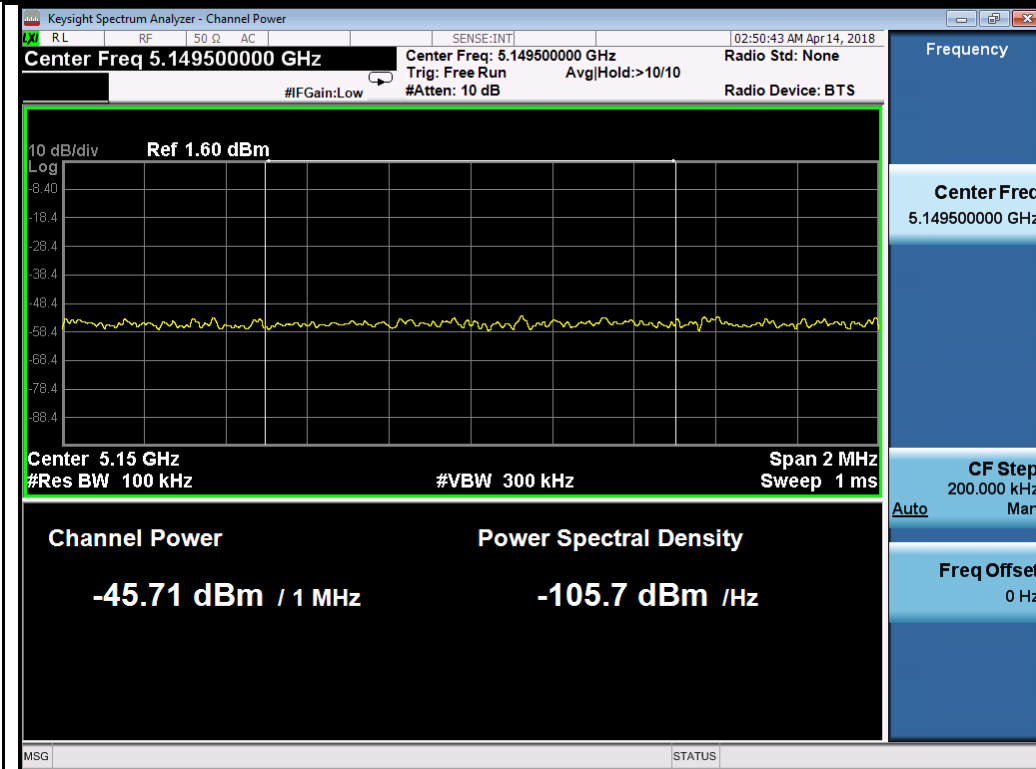
802.11a-5320MHz



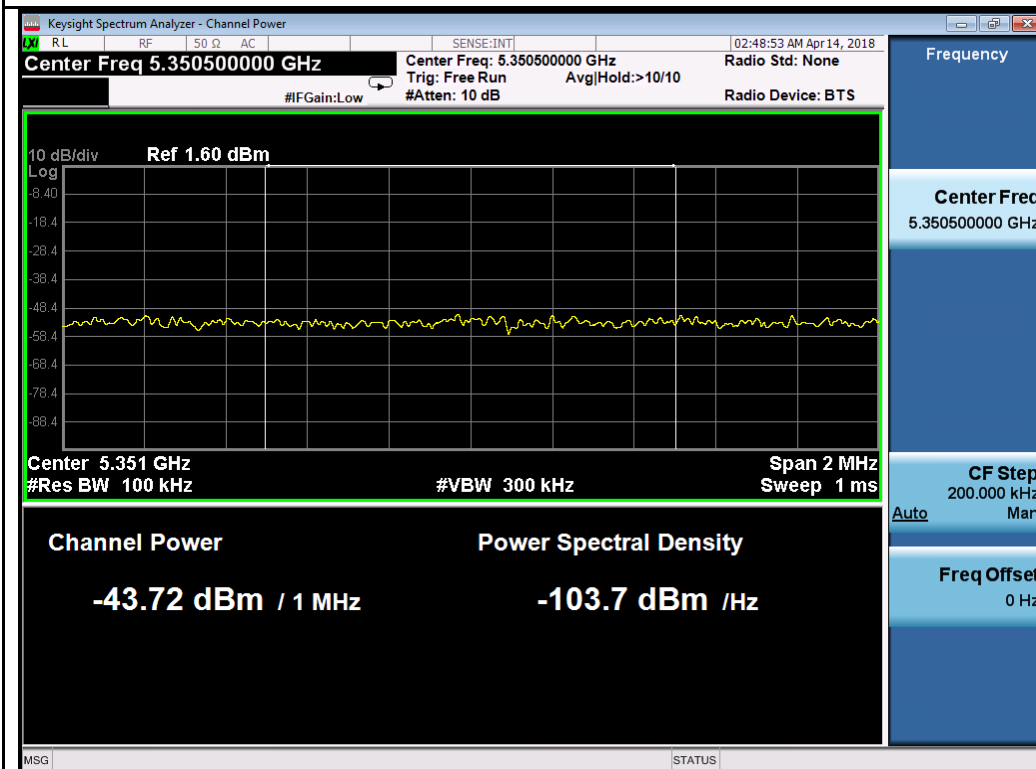
802.11ax20-5260MHz



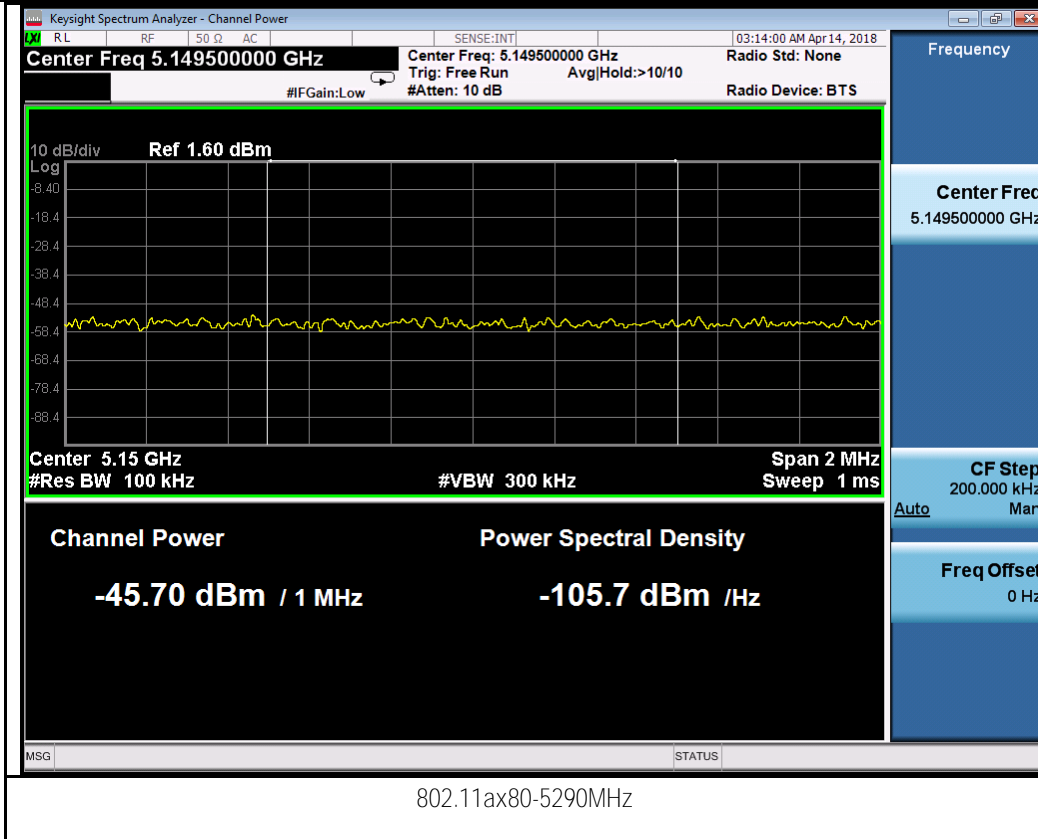
802.11ax20-5320MHz



802.11ax40-5270MHz

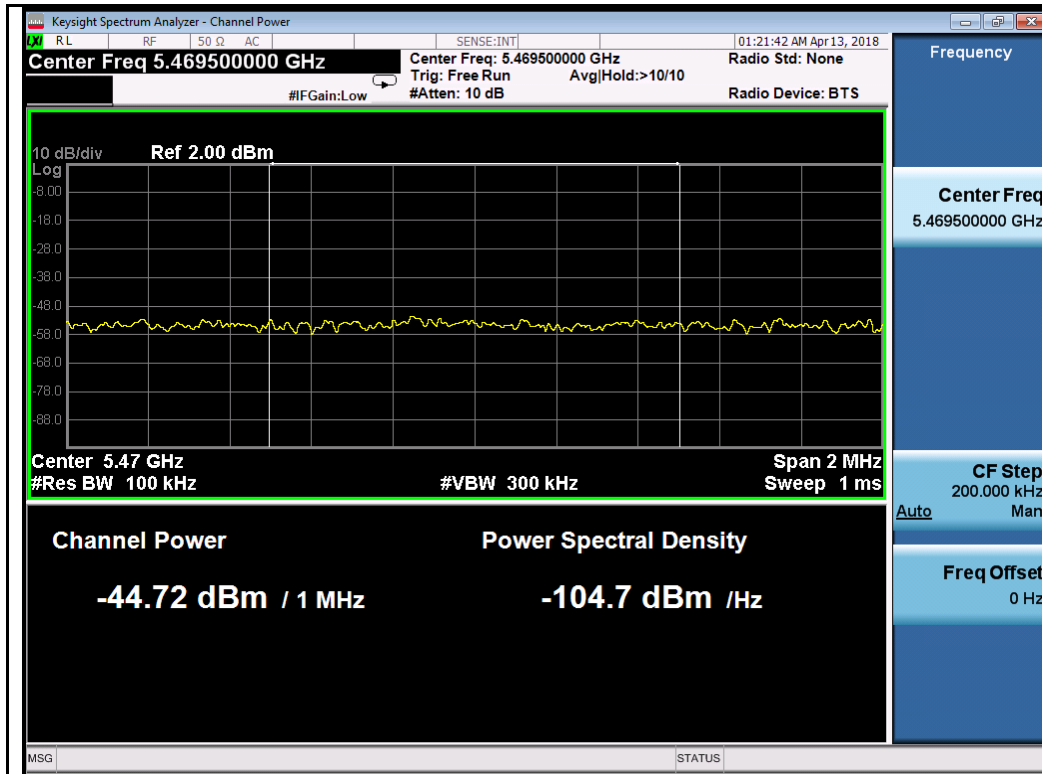


802.11ax40-5310MHz

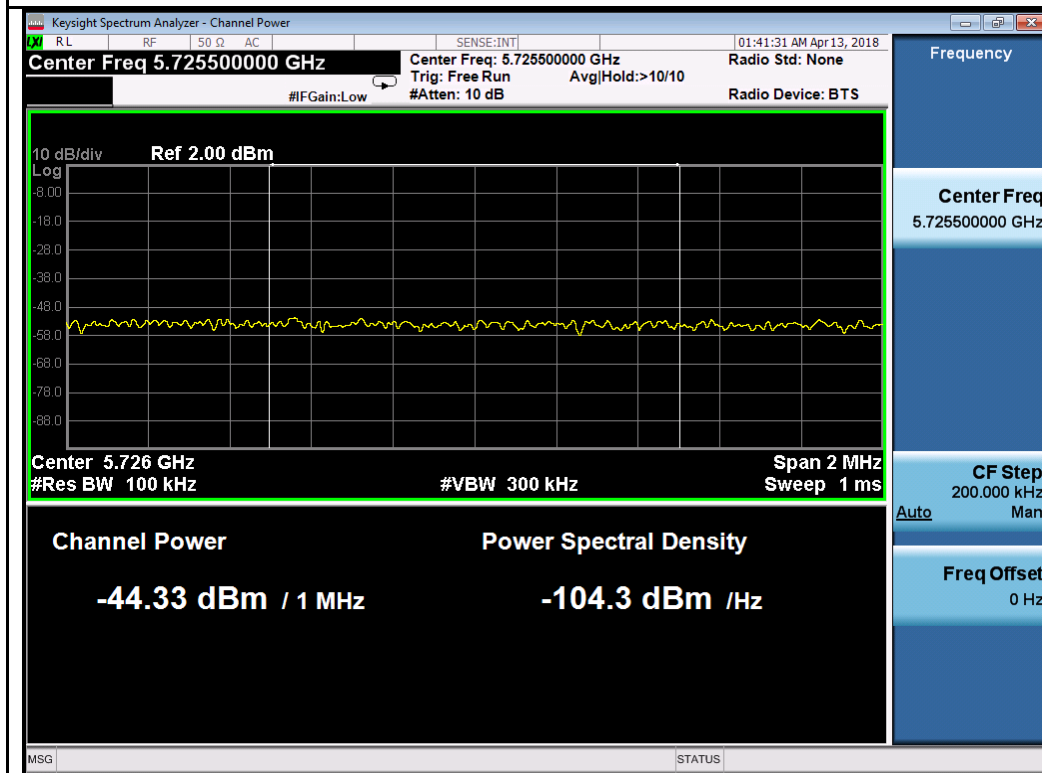


Test Plots for W56:  
Chain 0:



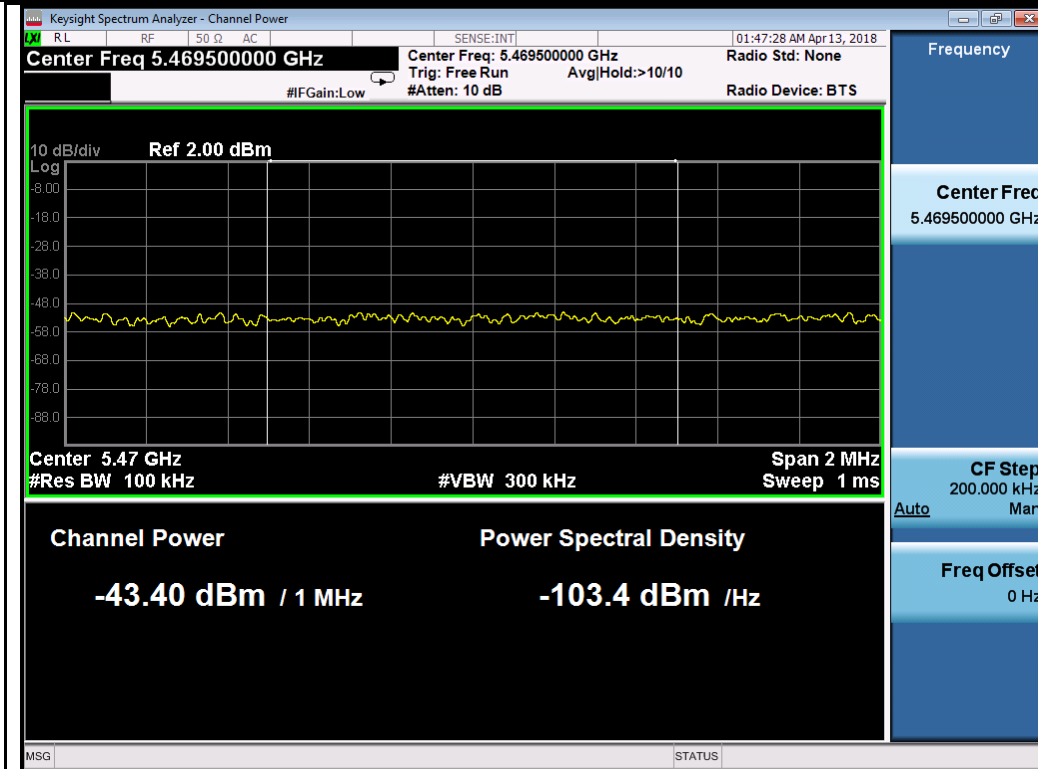


802.11ax20-5500MHz

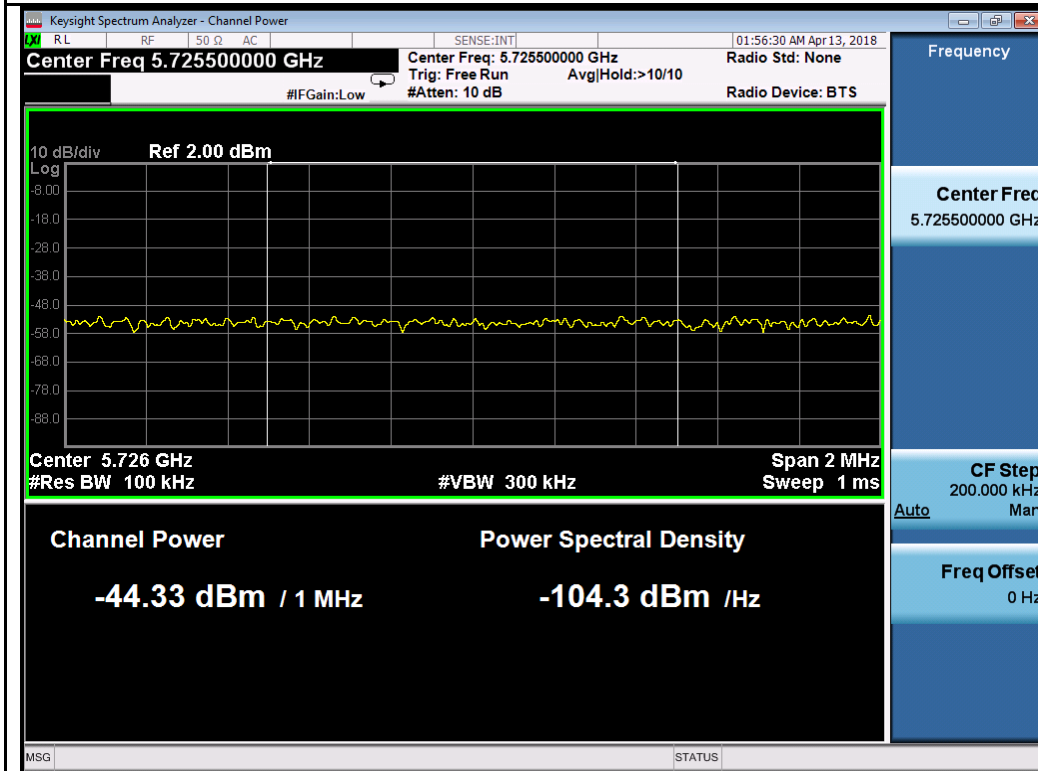


802.11ax20-5700MHz





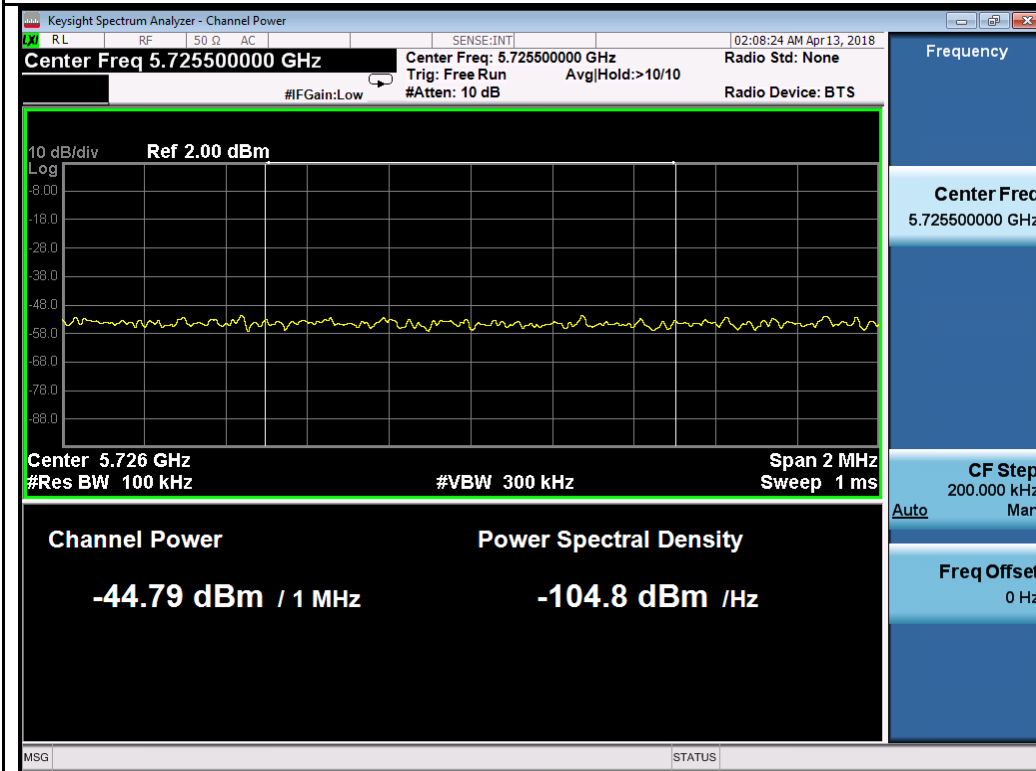
802.11ax40-5510MHz



802.11ax40-5670MHz

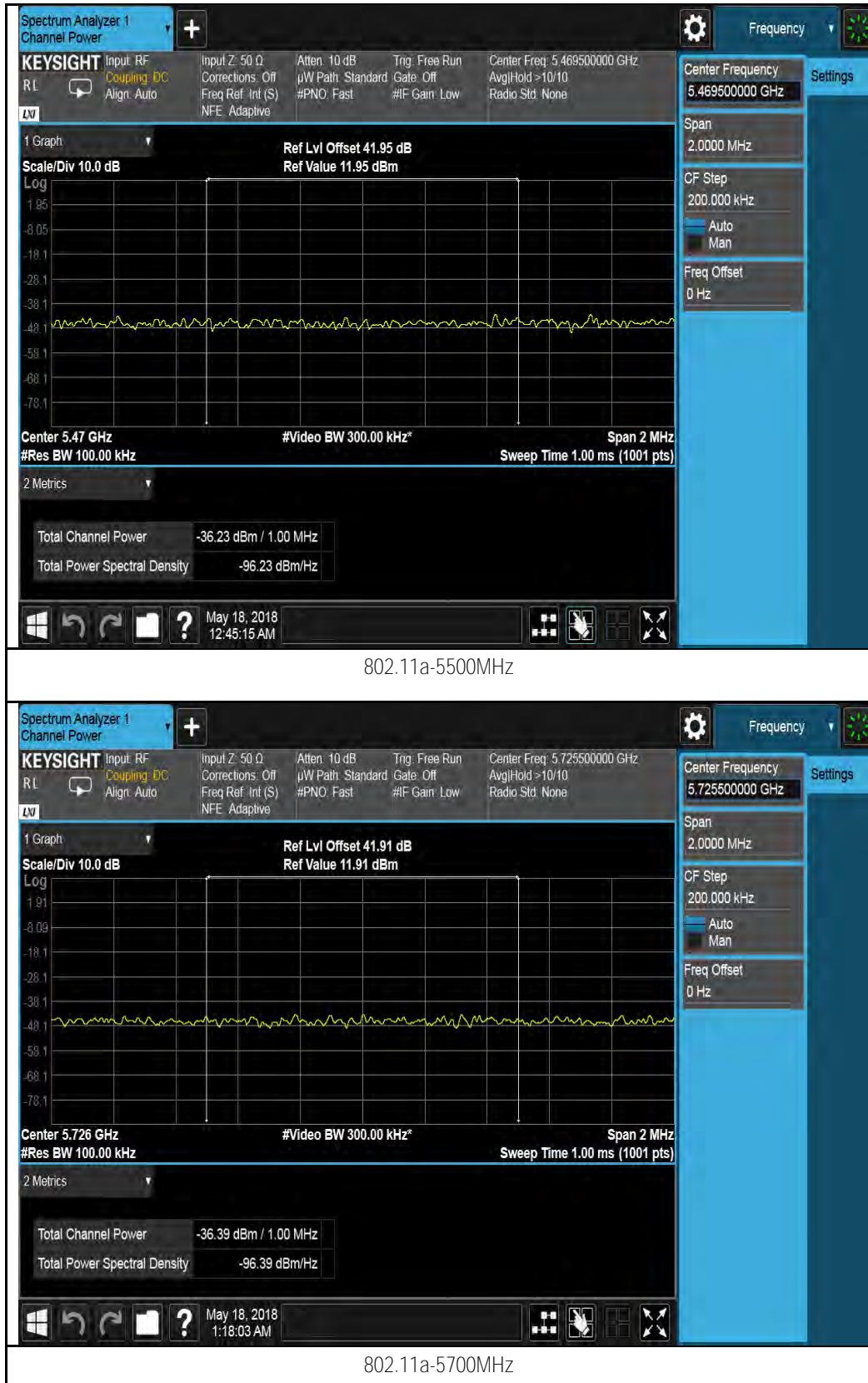


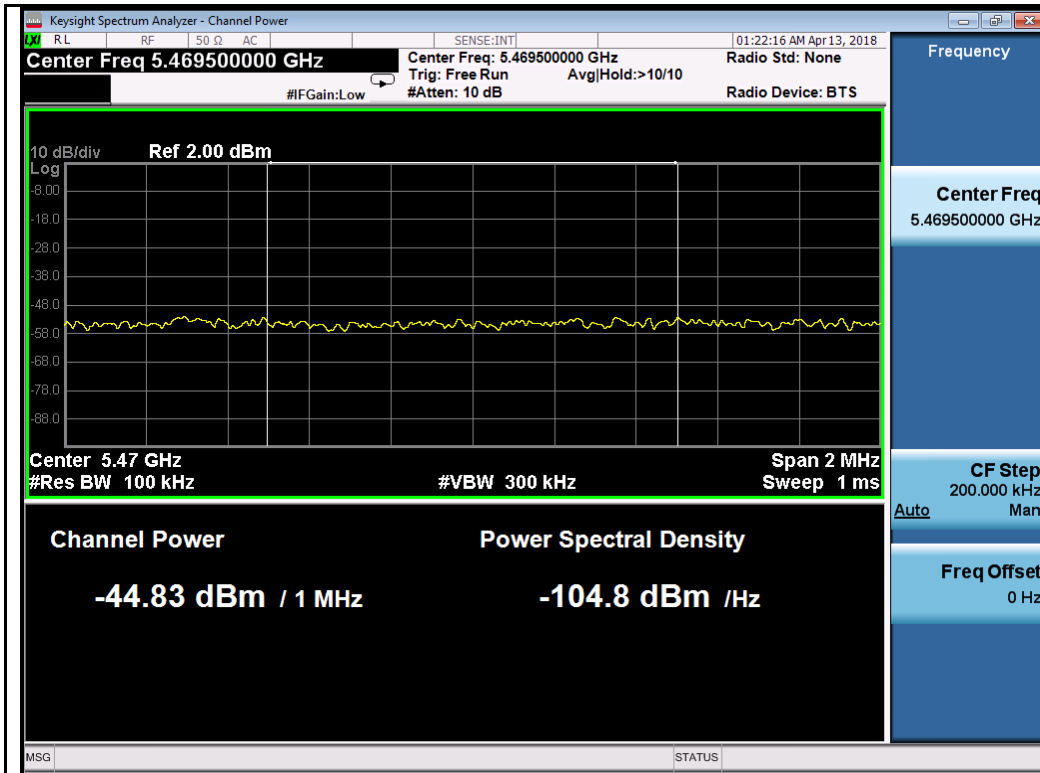
802.11ax80-5530MHz



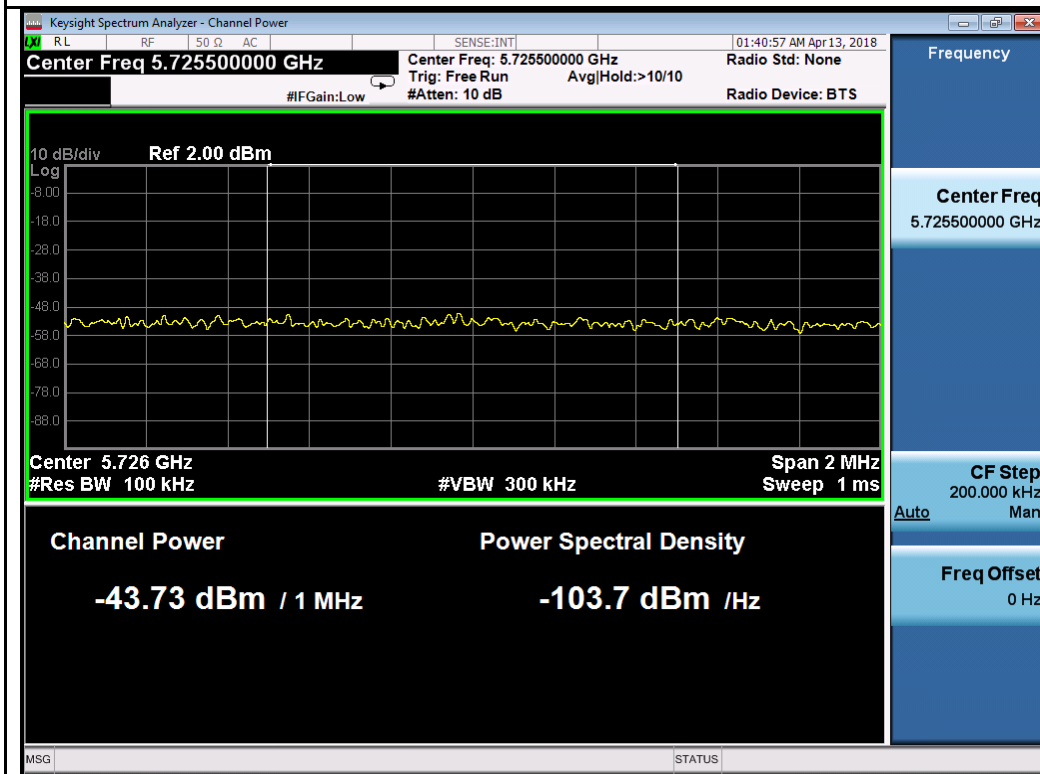
802.11ax80-5610MHz

Chain 1:

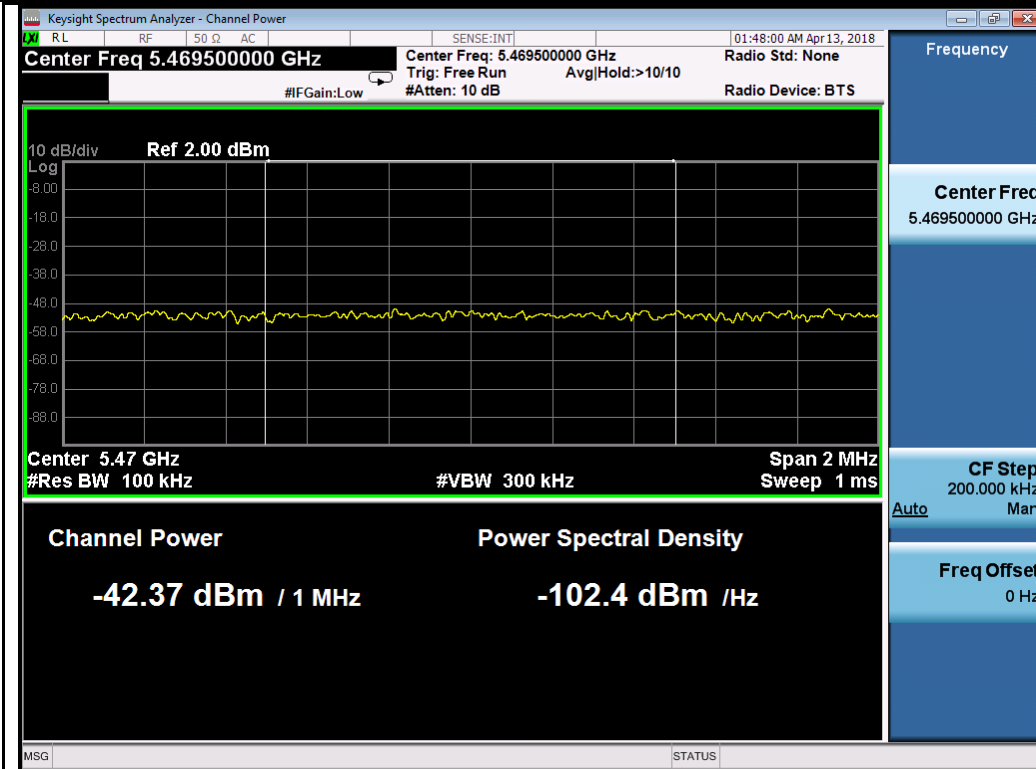




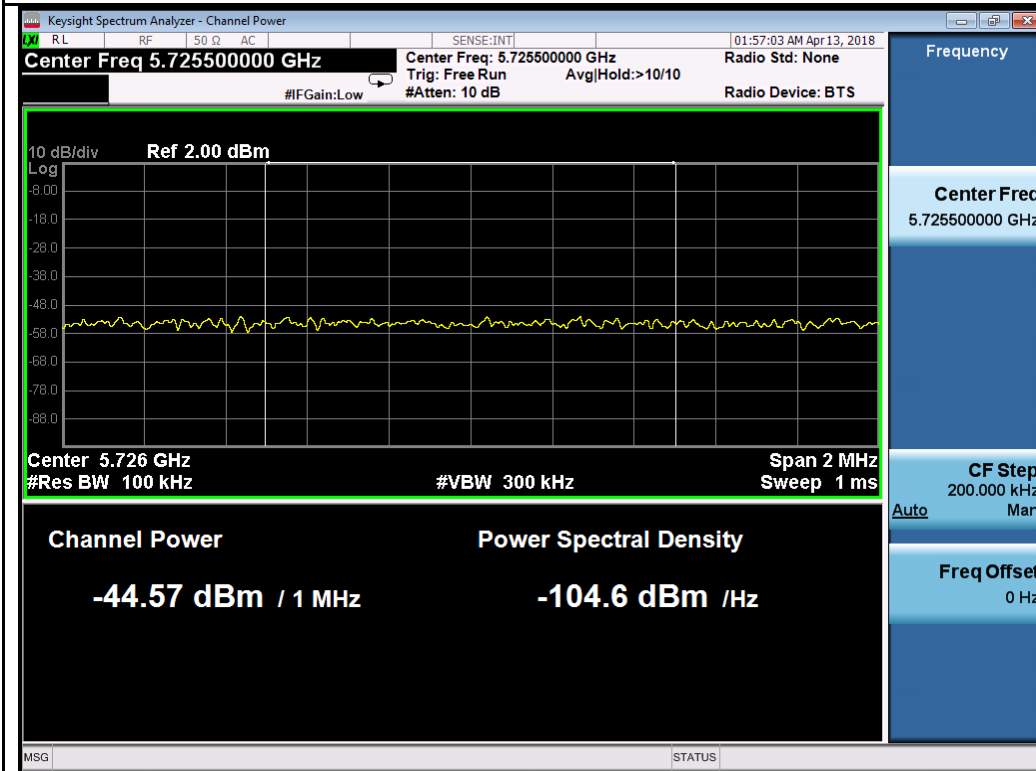
802.11ax20-5500MHz



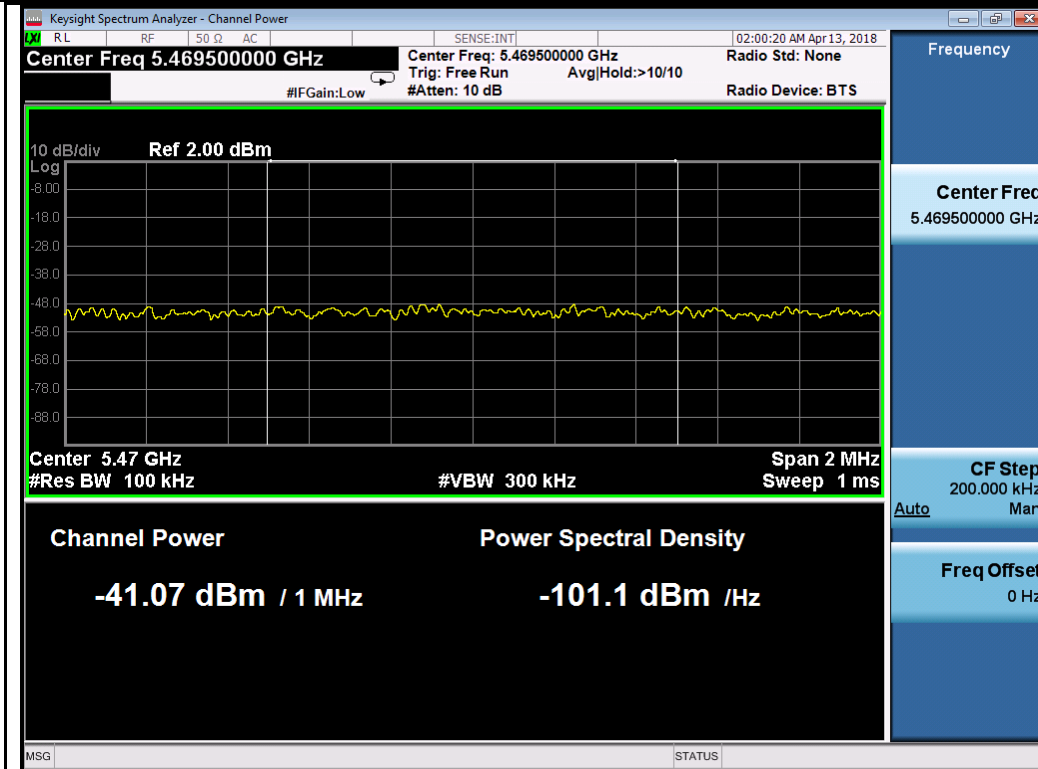
802.11ax20-5700MHz



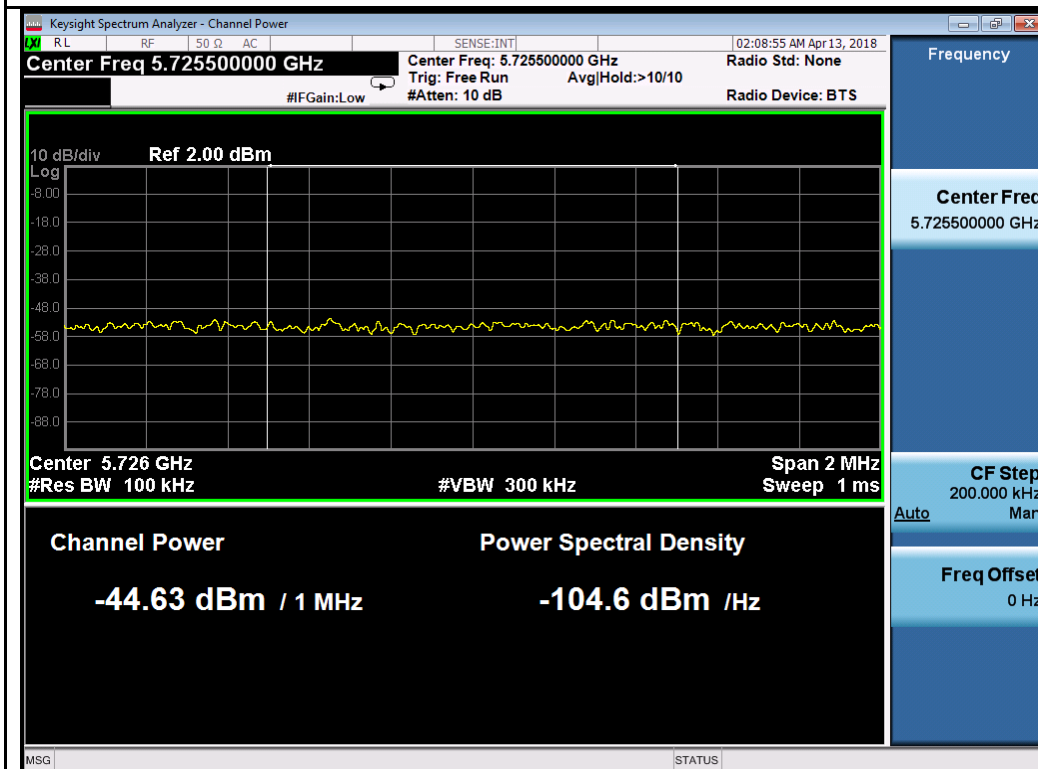
802.11ax40-5510MHz



802.11ax40-5670MHz

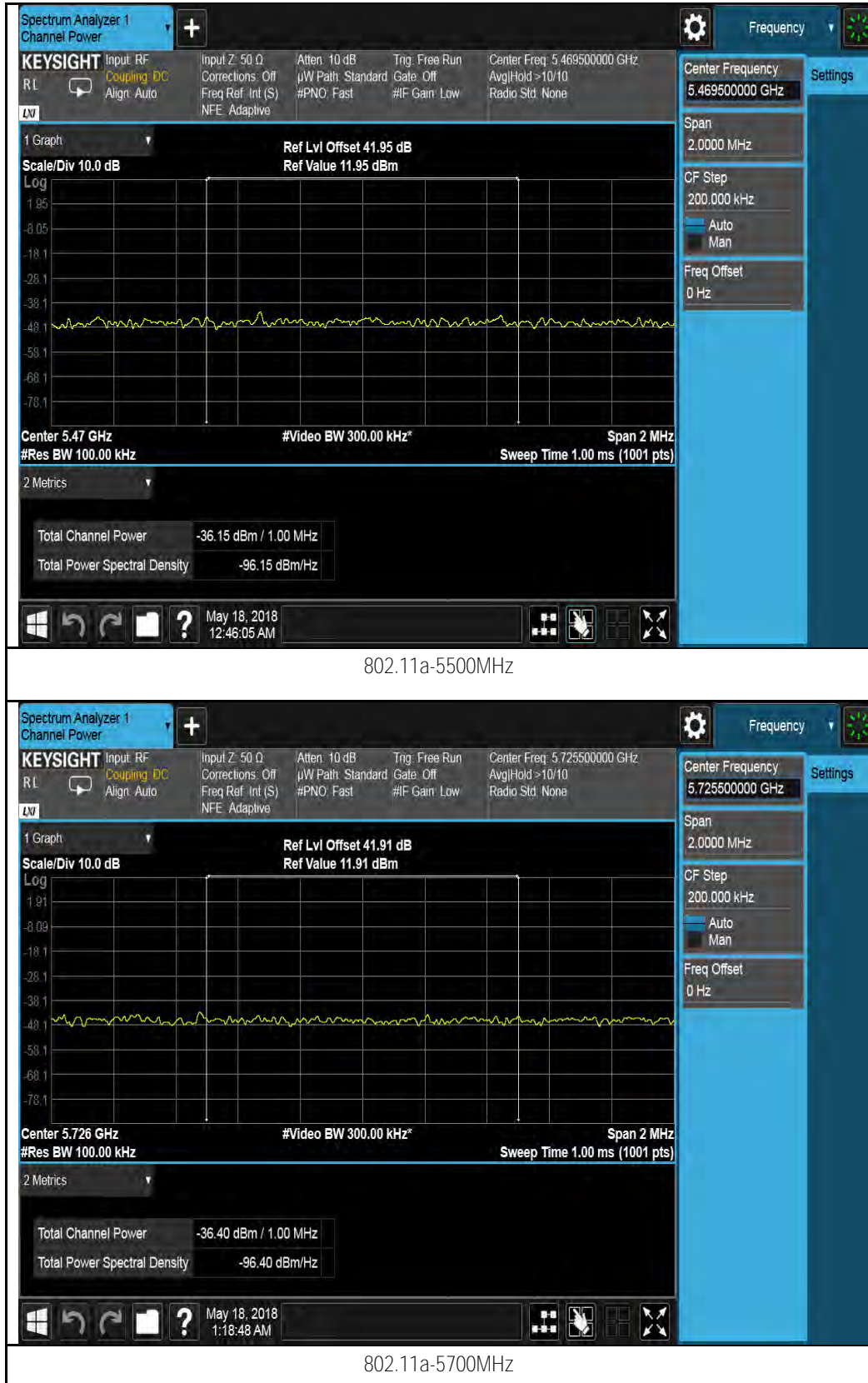


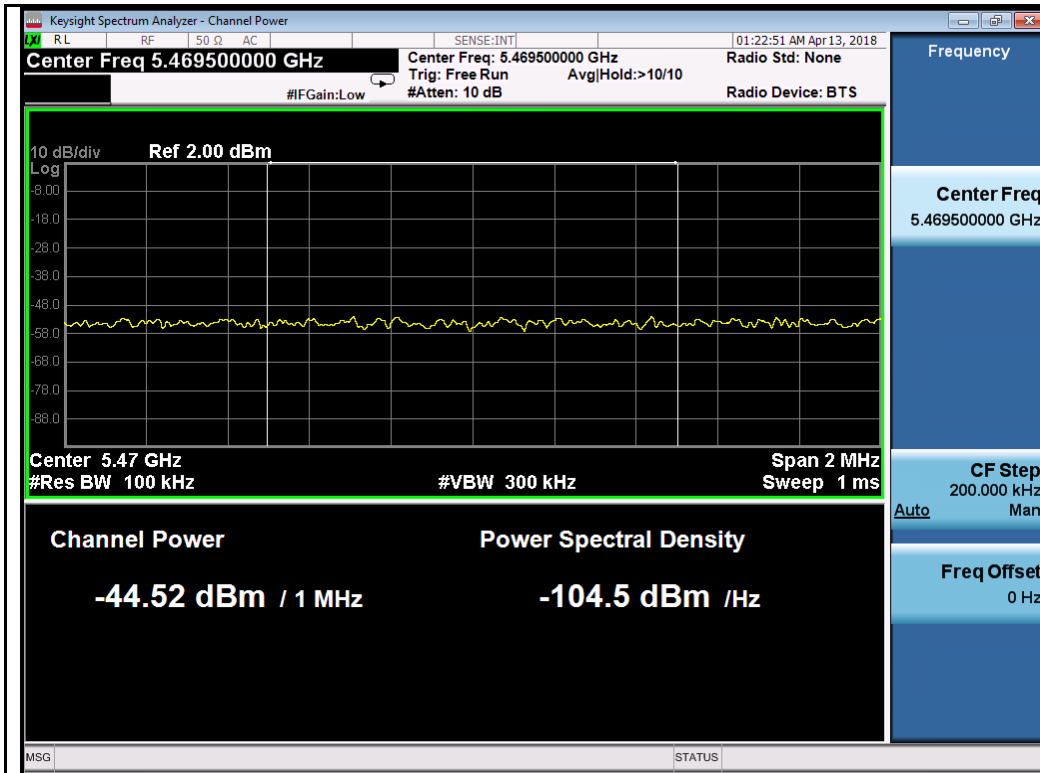
802.11ax80-5530MHz



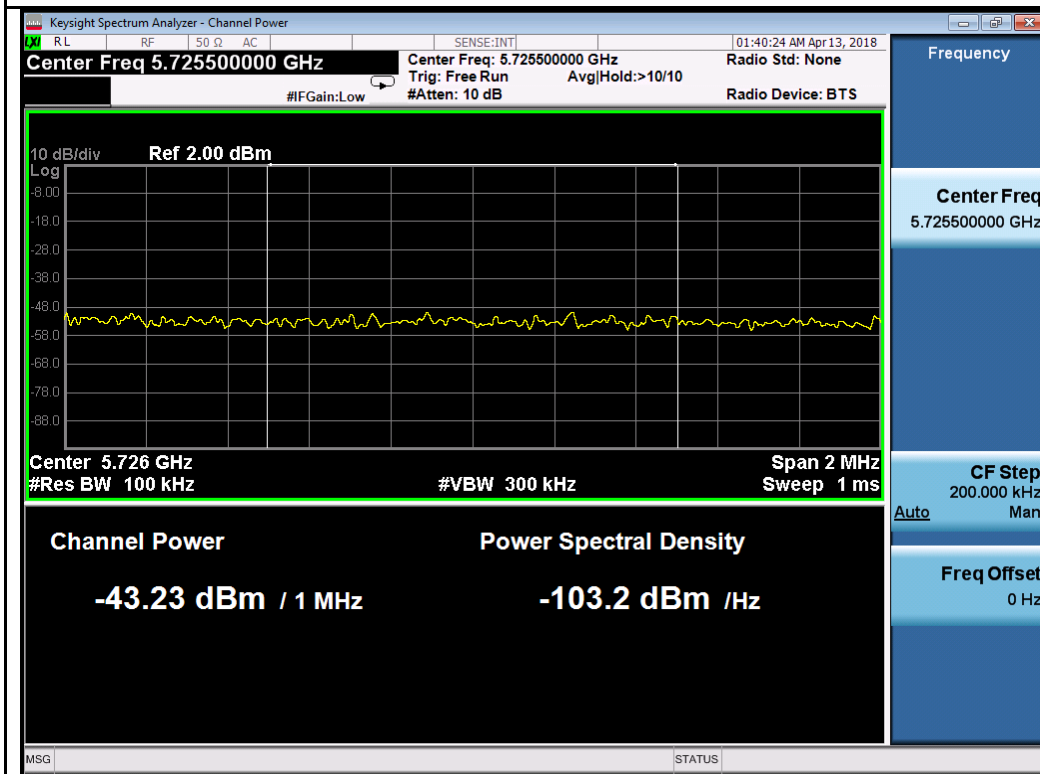
802.11ax80-5610MHz

Chain 2:



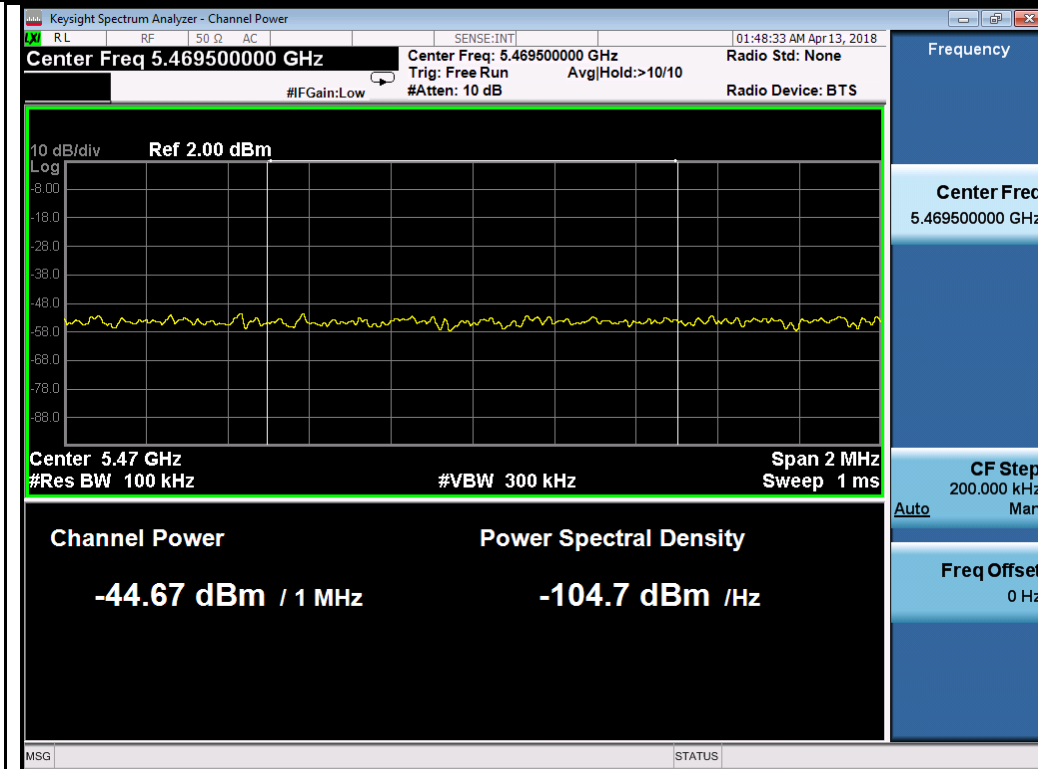


802.11ax20-5500MHz

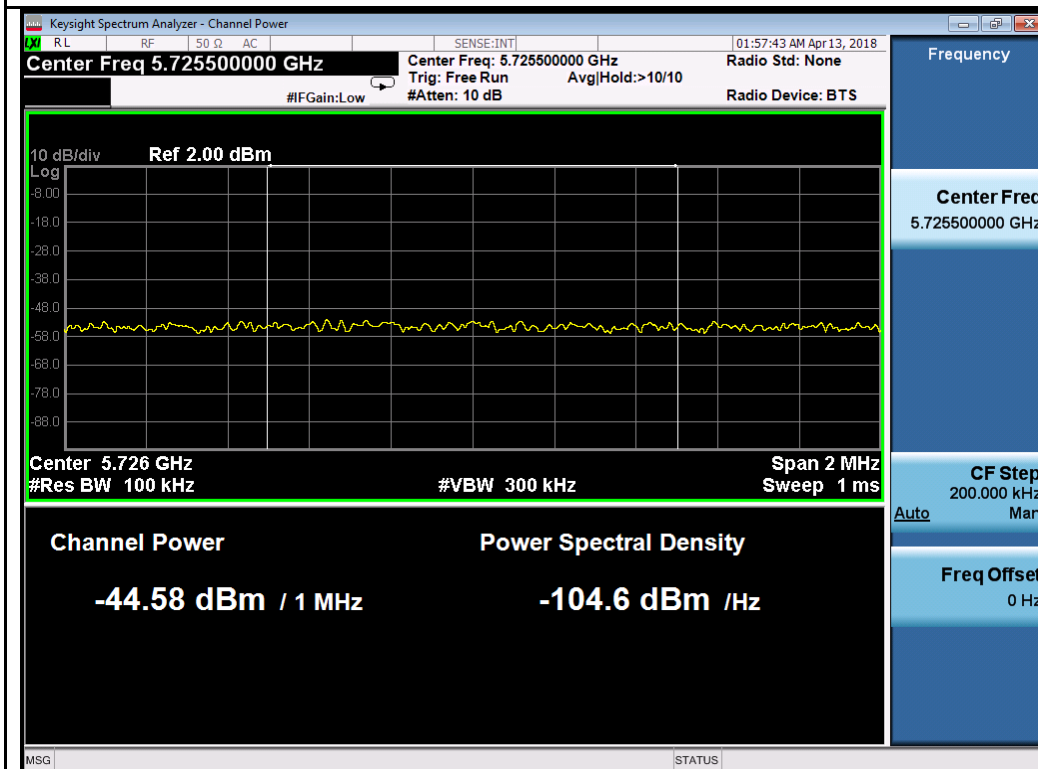


802.11ax20-5700MHz

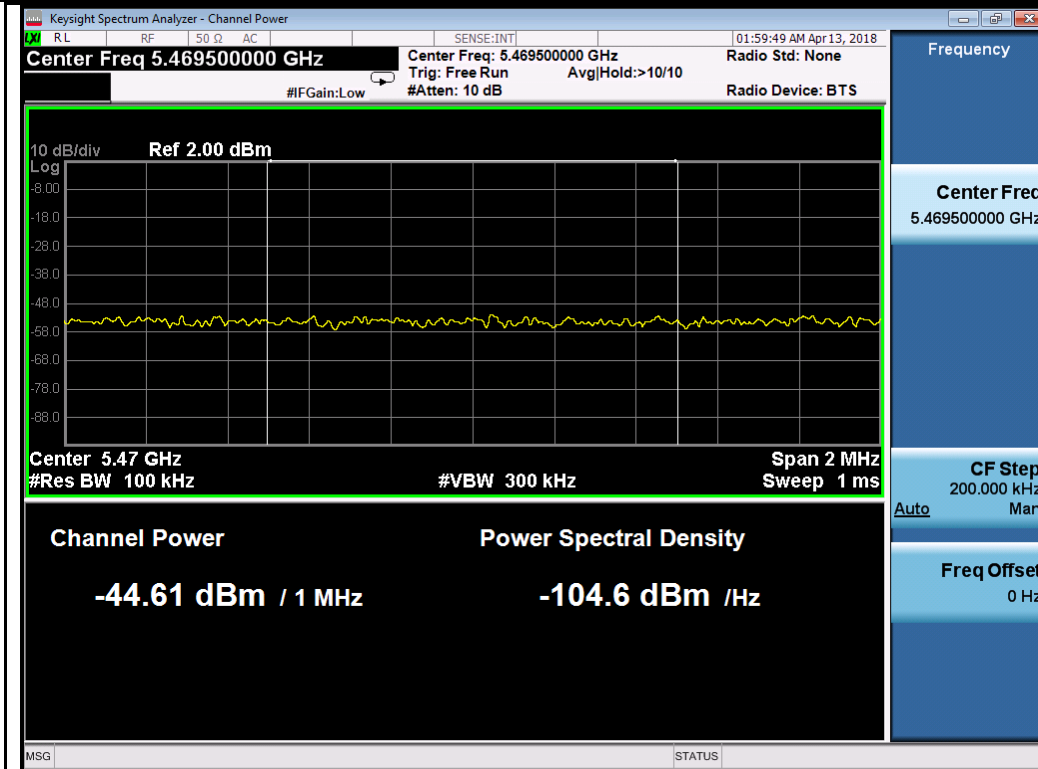




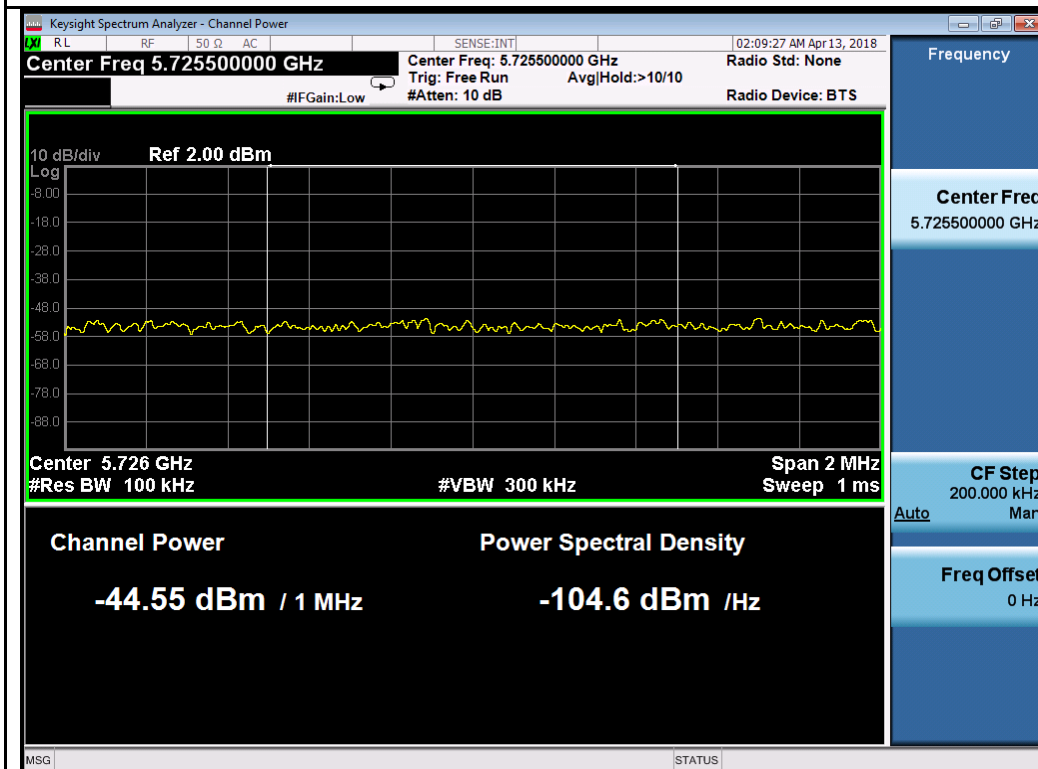
802.11ax40-5510MHz



802.11ax40-5670MHz



802.11ax80-5530MHz



802.11ax80-5610MHz

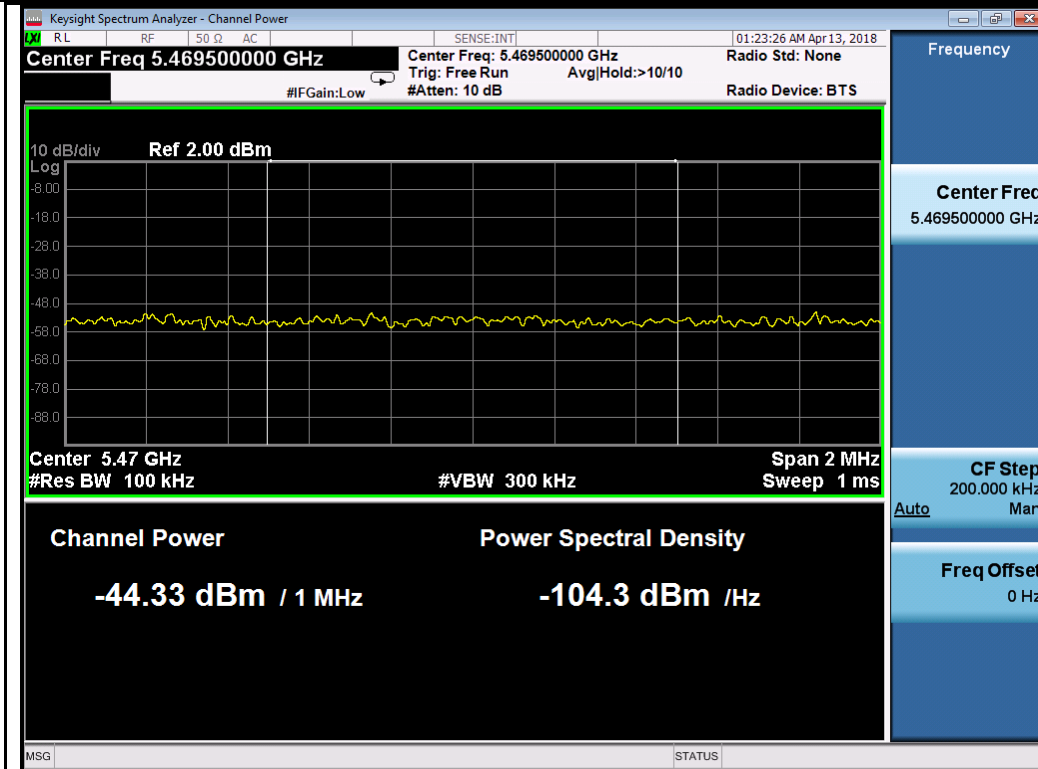
Chain 3:



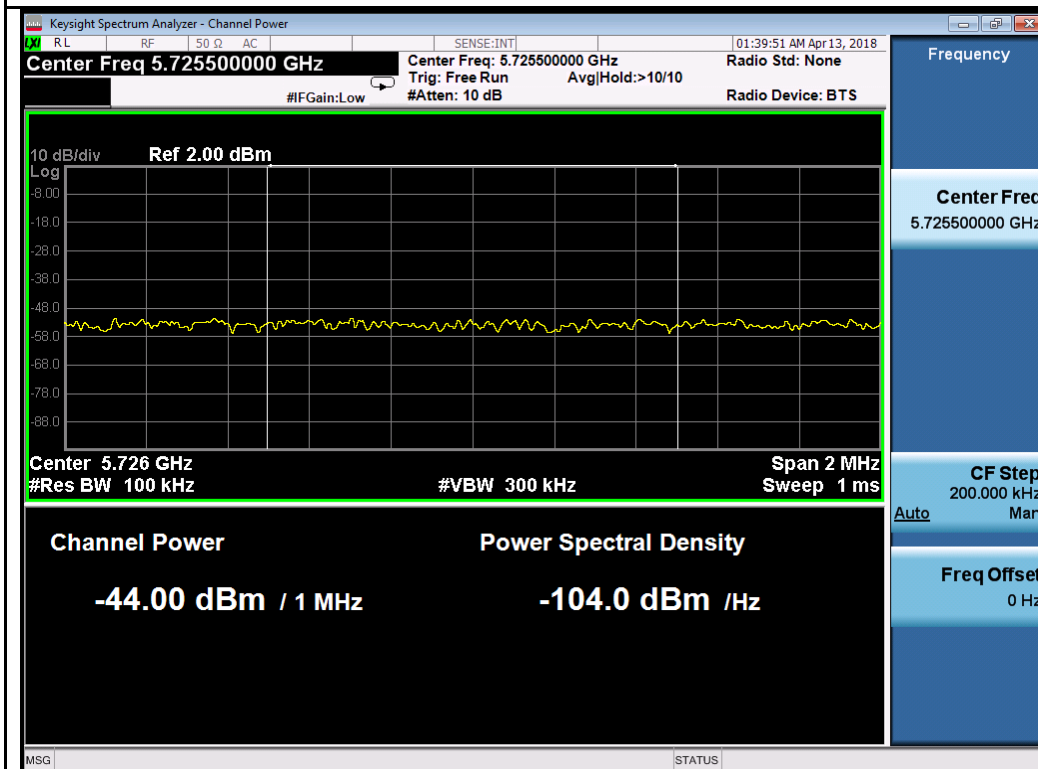
802.11a-5500MHz



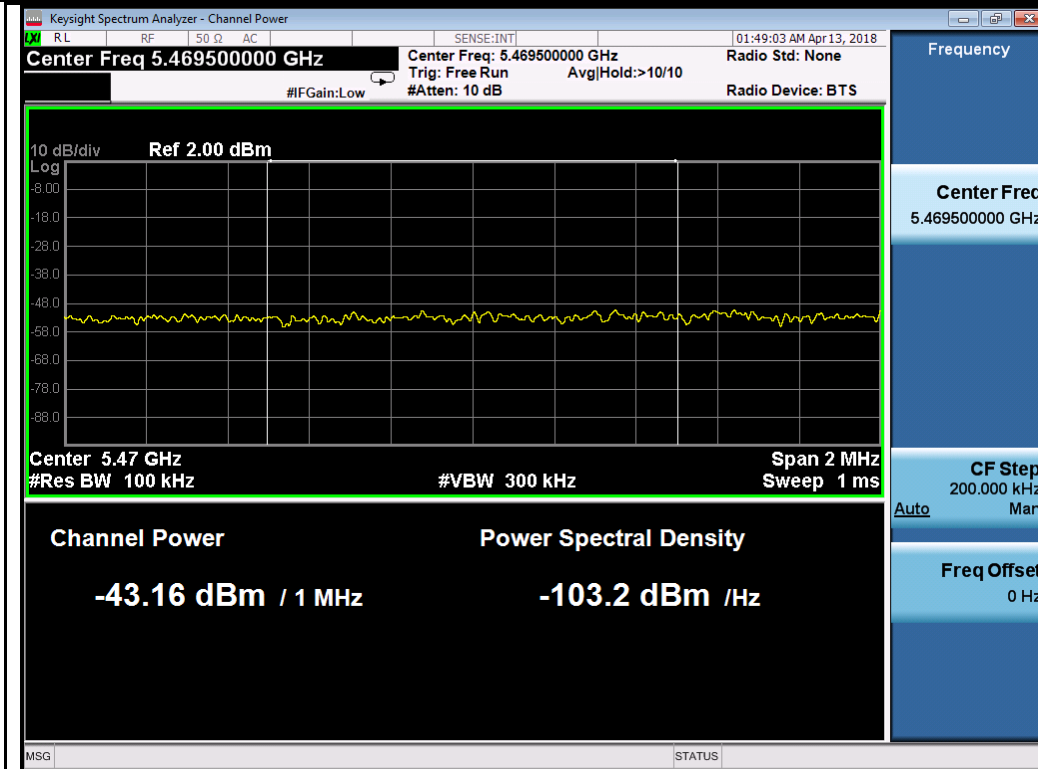
802.11a-5700MHz



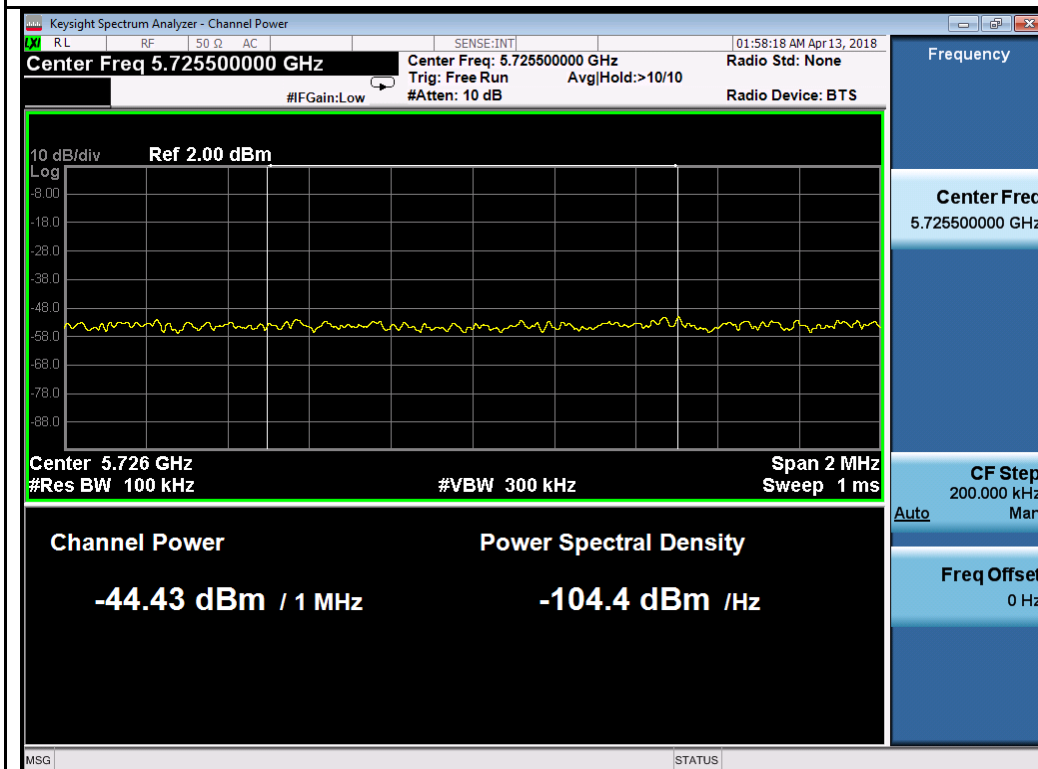
802.11ax20-5500MHz



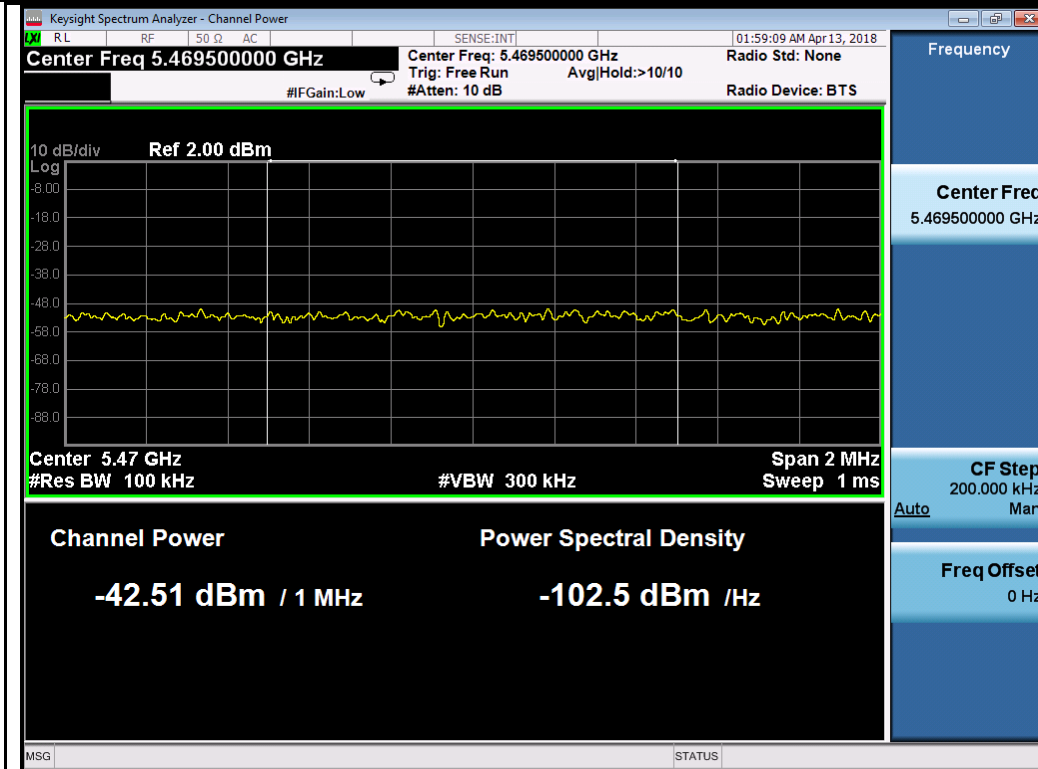
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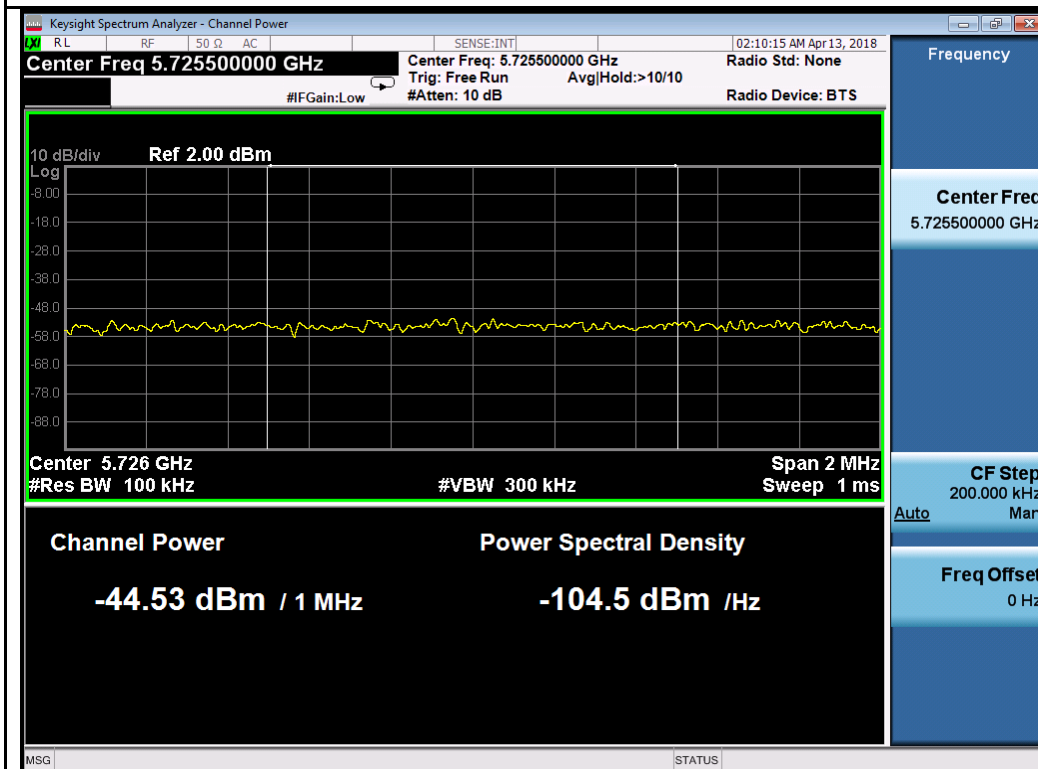
802.11ax40-5510MHz



802.11ax40-5670MHz



802.11ax80-5530MHz



802.11ax80-5610MHz