



802.11a-5825M



802.11n-HT20 5745M



802.11n-HT20 5785M



802.11n-HT20 5825M



802.11n-HT40 5755M



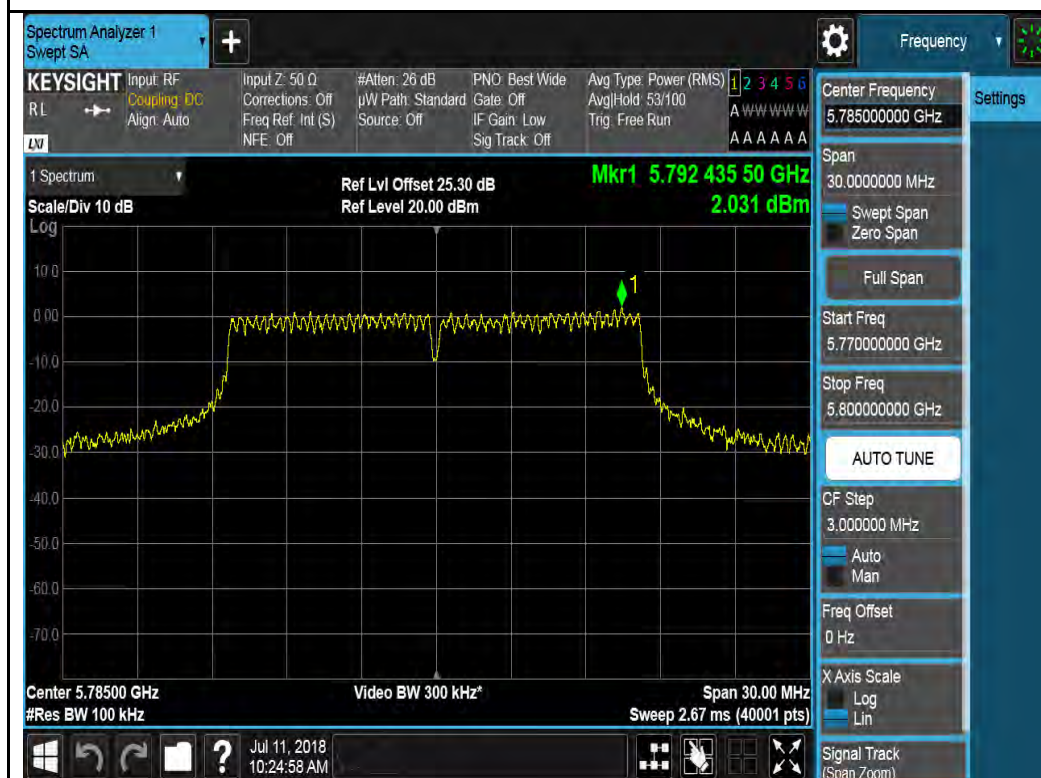
802.11n-HT40 5795M



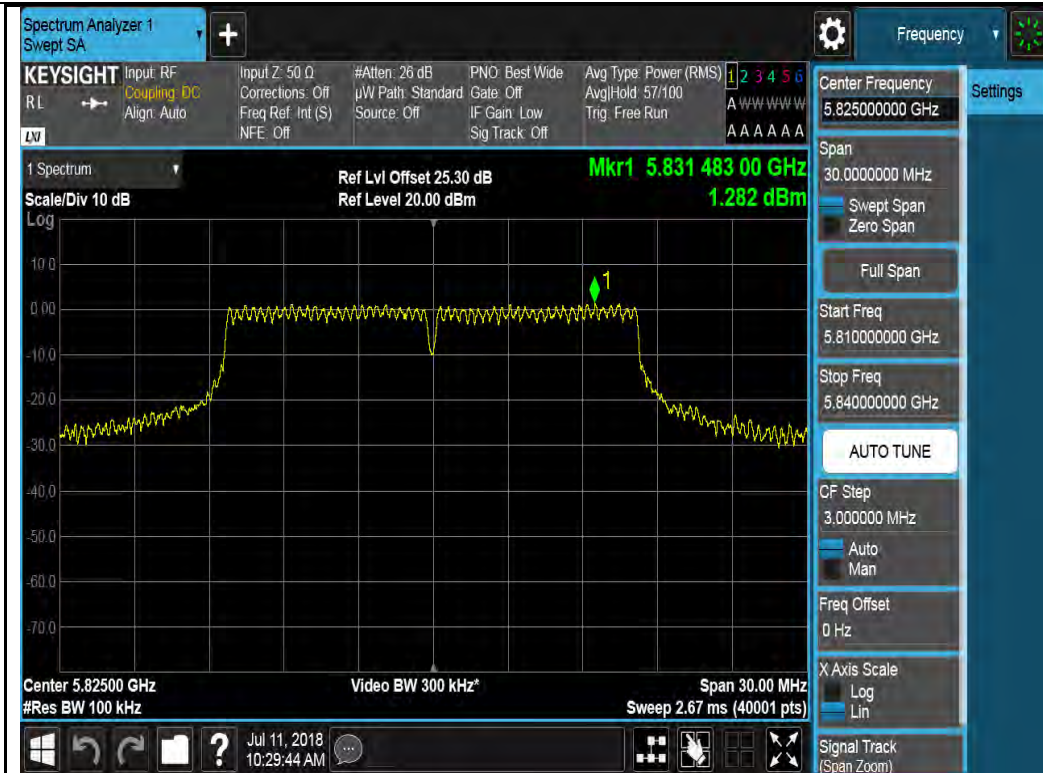
Chain 1:



802.11a-5745M



802.11a-5785M



802.11a-5825M



802.11n-HT20 5745M



802.11n-HT20 5785M



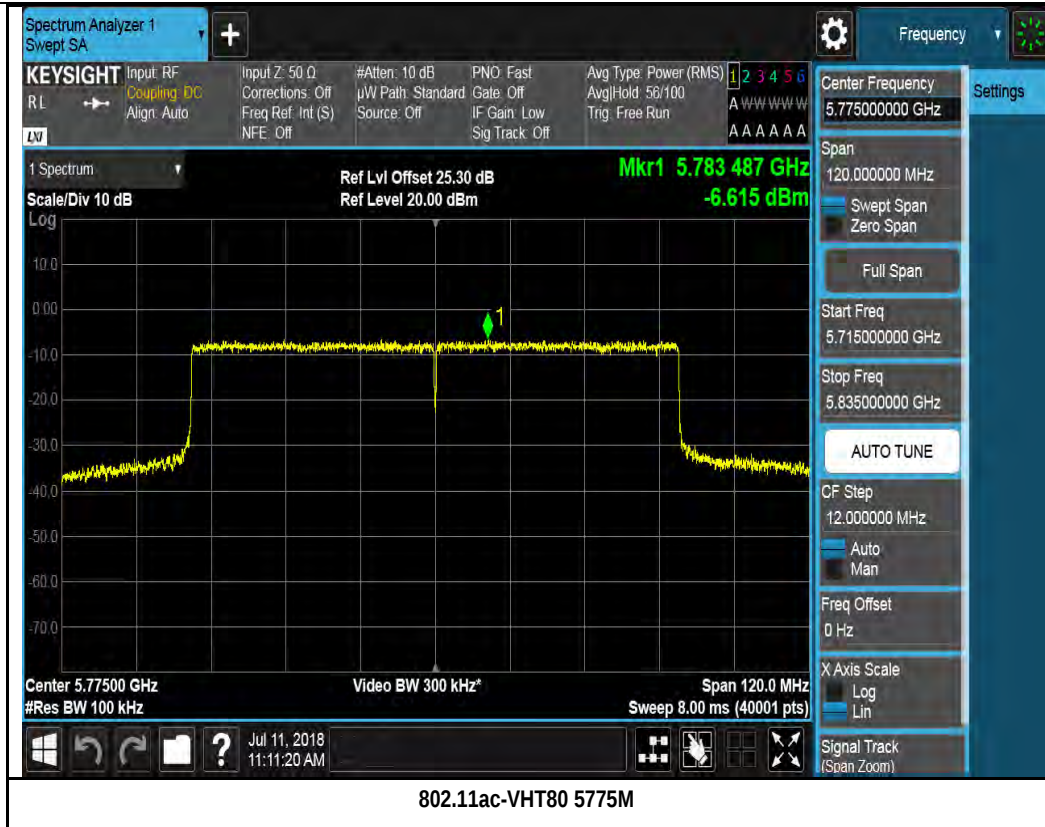
802.11n-HT20 5825M



802.11n-HT40 5755M



802.11n-HT40 5795M



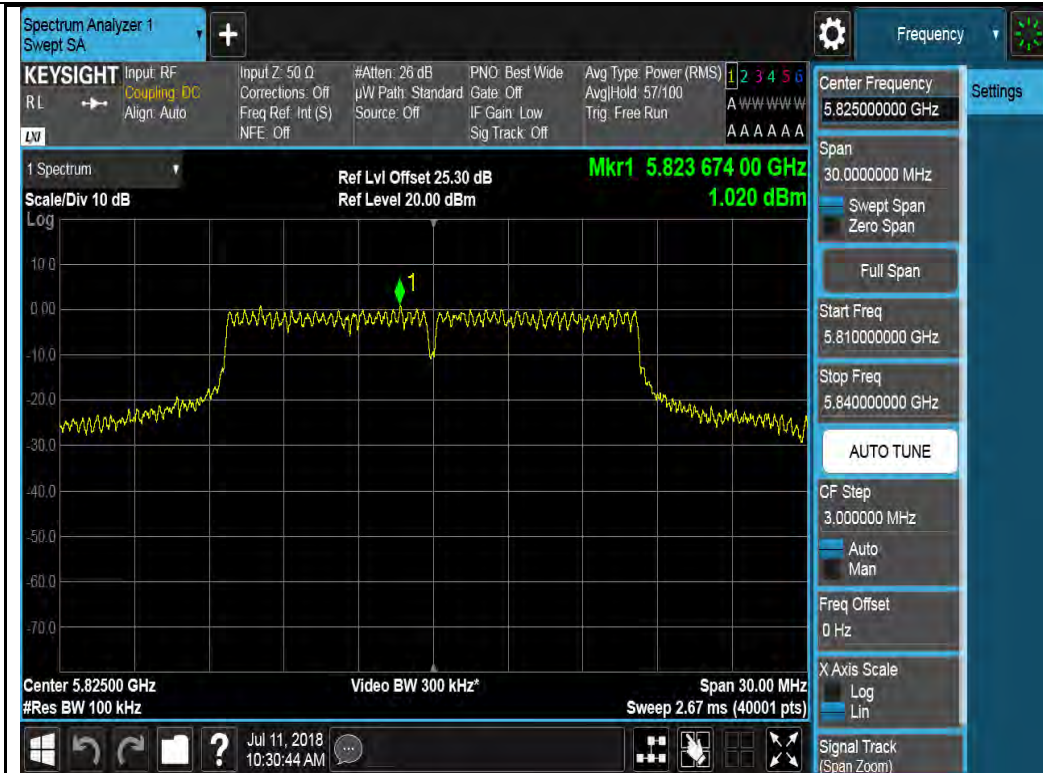
Chain 2:



802.11a-5745M



802.11a-5785M



802.11a-5825M



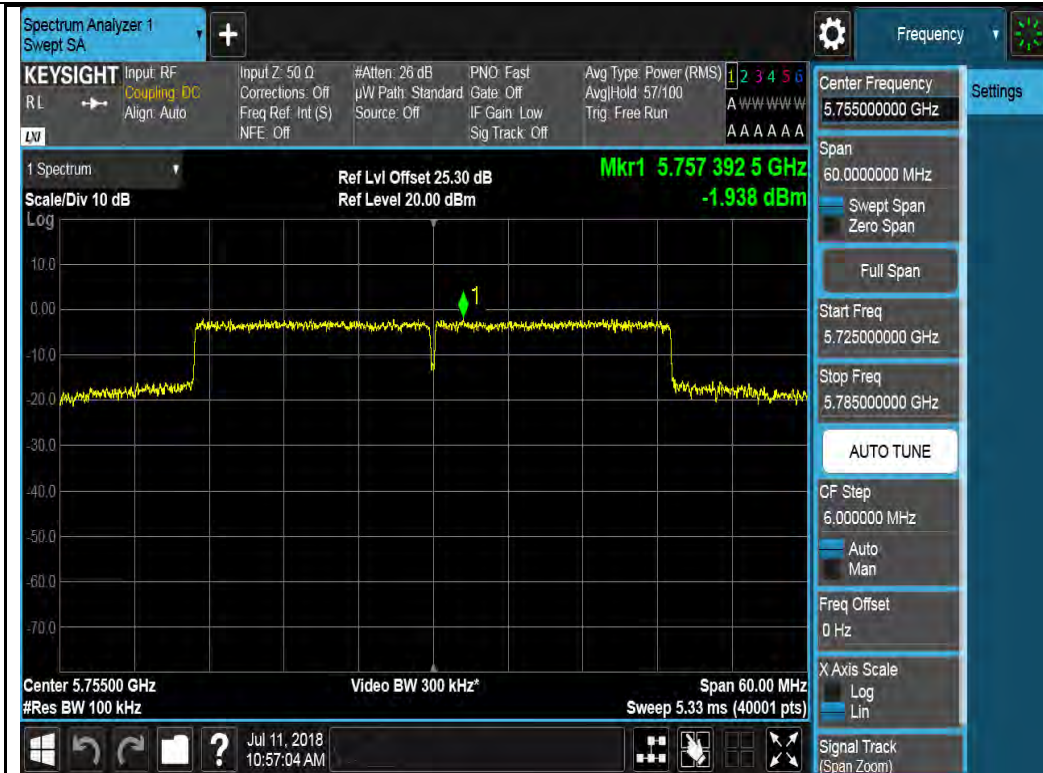
802.11n-HT20 5745M

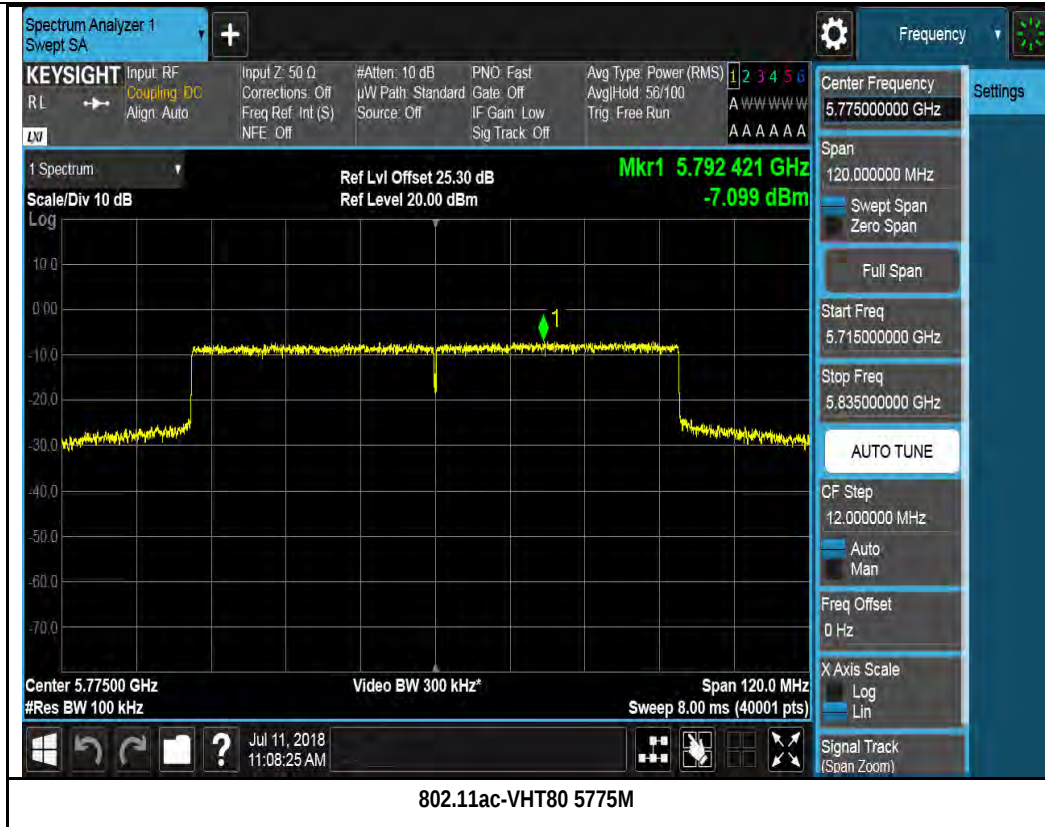


802.11n-HT20 5785M

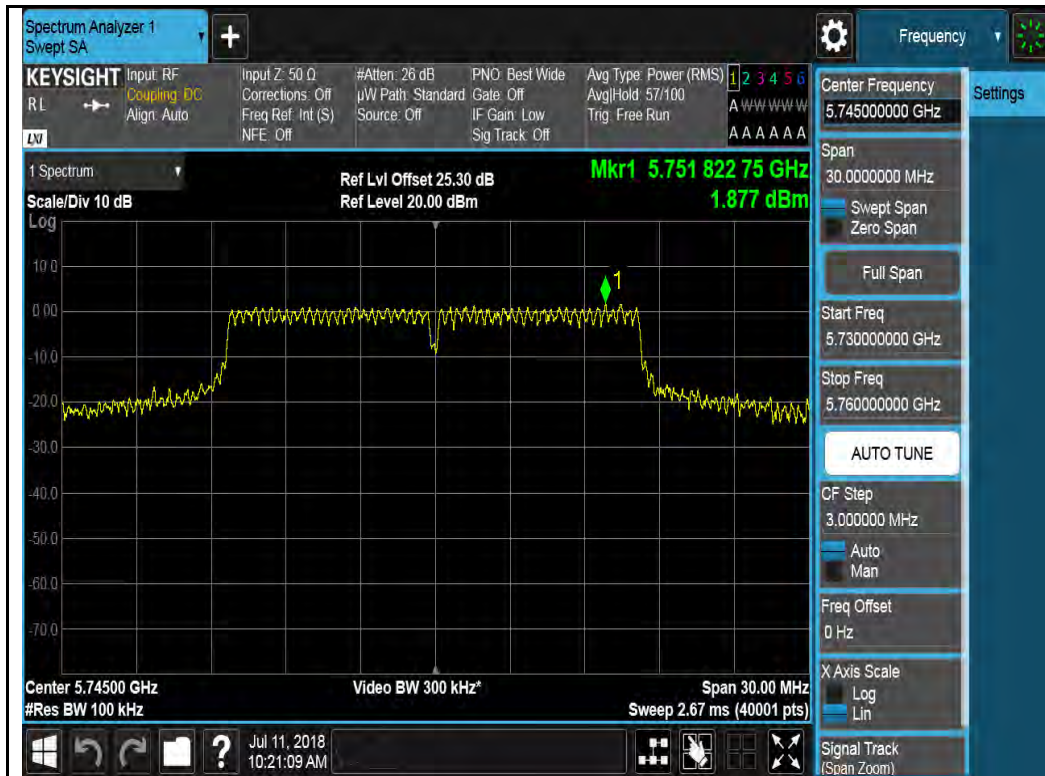


802.11n-HT20 5825M

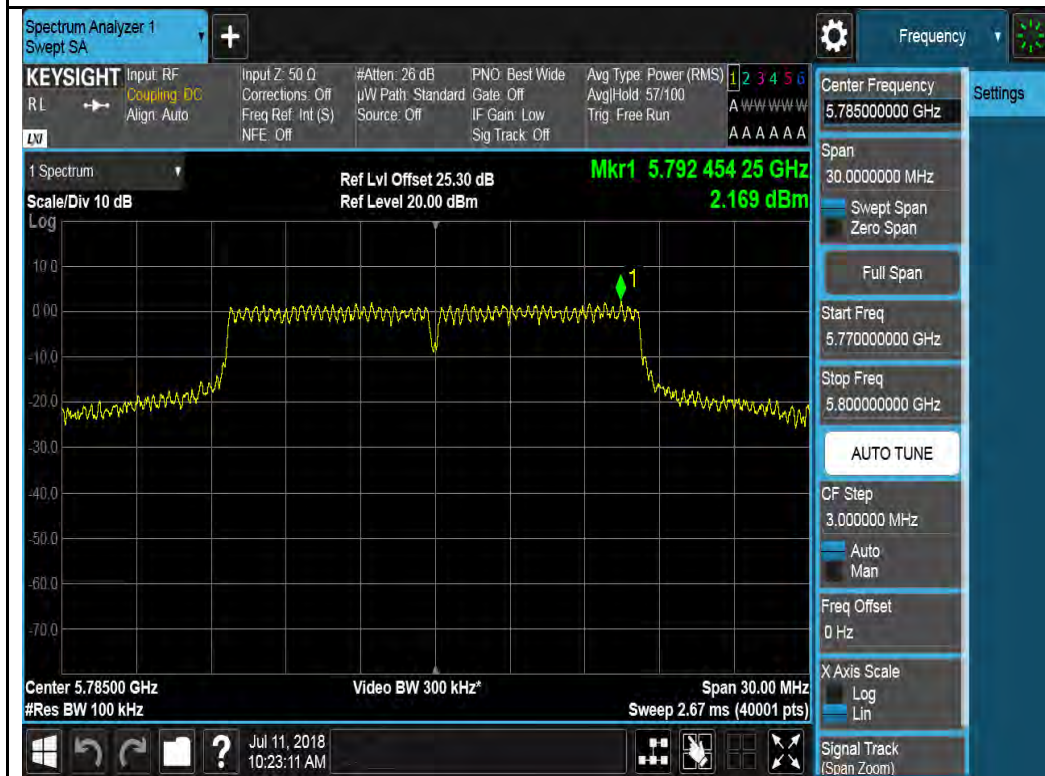




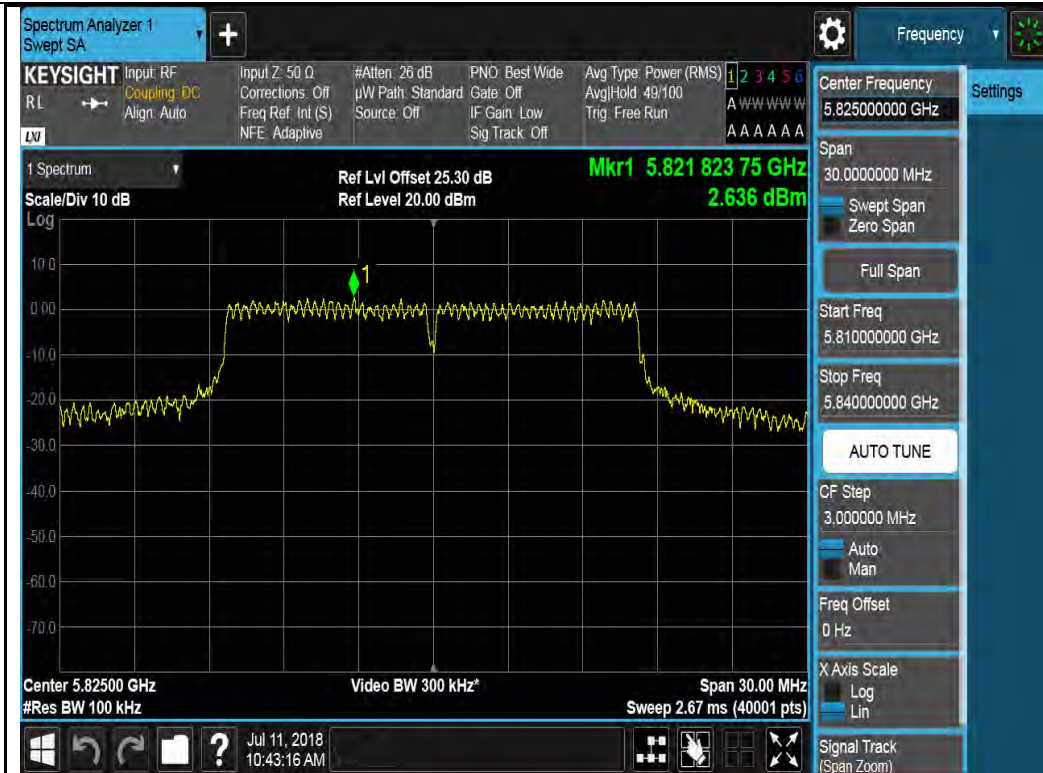
Chain 3:



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

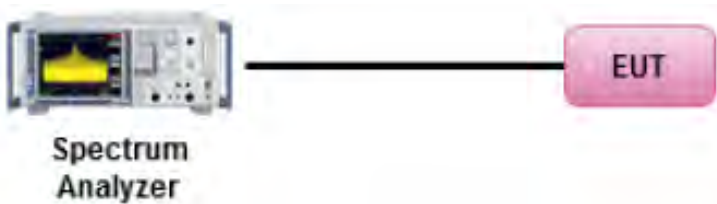


802.11n-HT40 5795M



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.	☒
	(4)	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.	☒
Test Setup			
Procedure	789033 D02 General UNII Test Procedures New Rules v01r02, II.F. Method SA-1 <u>Band Edge measurement:</u> - 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	Directional gain was added to the offset.		
Result	☒ Pass ☐ 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:

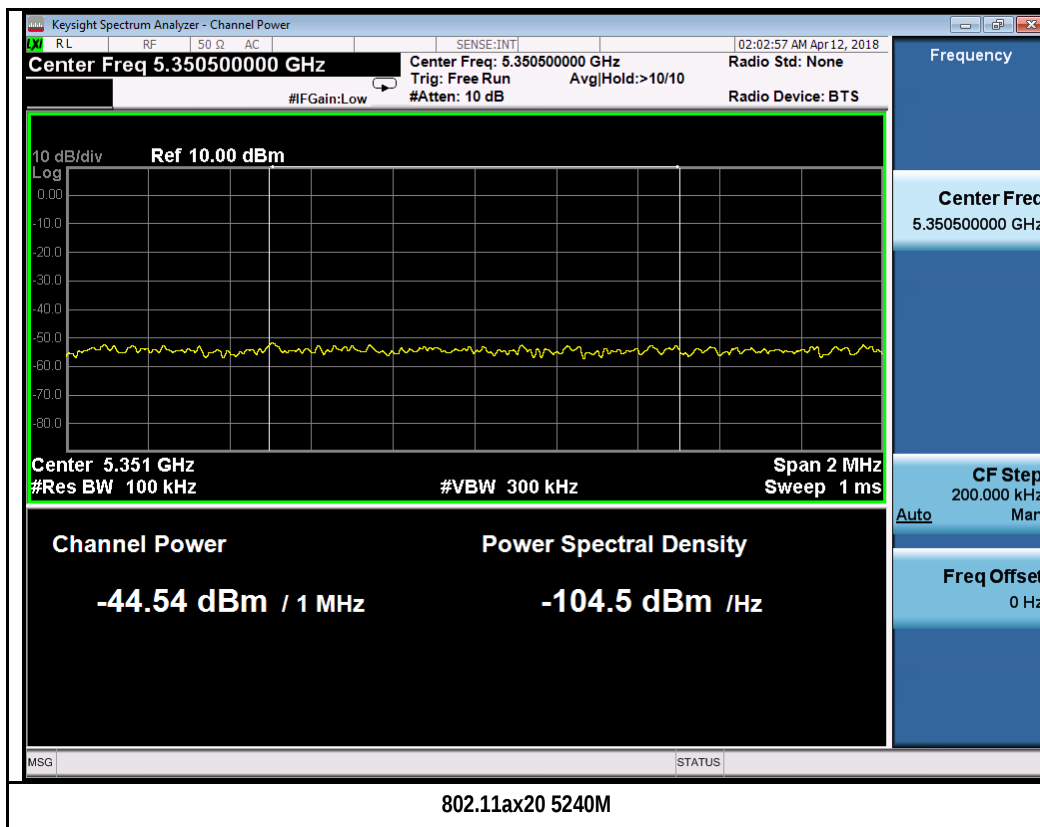
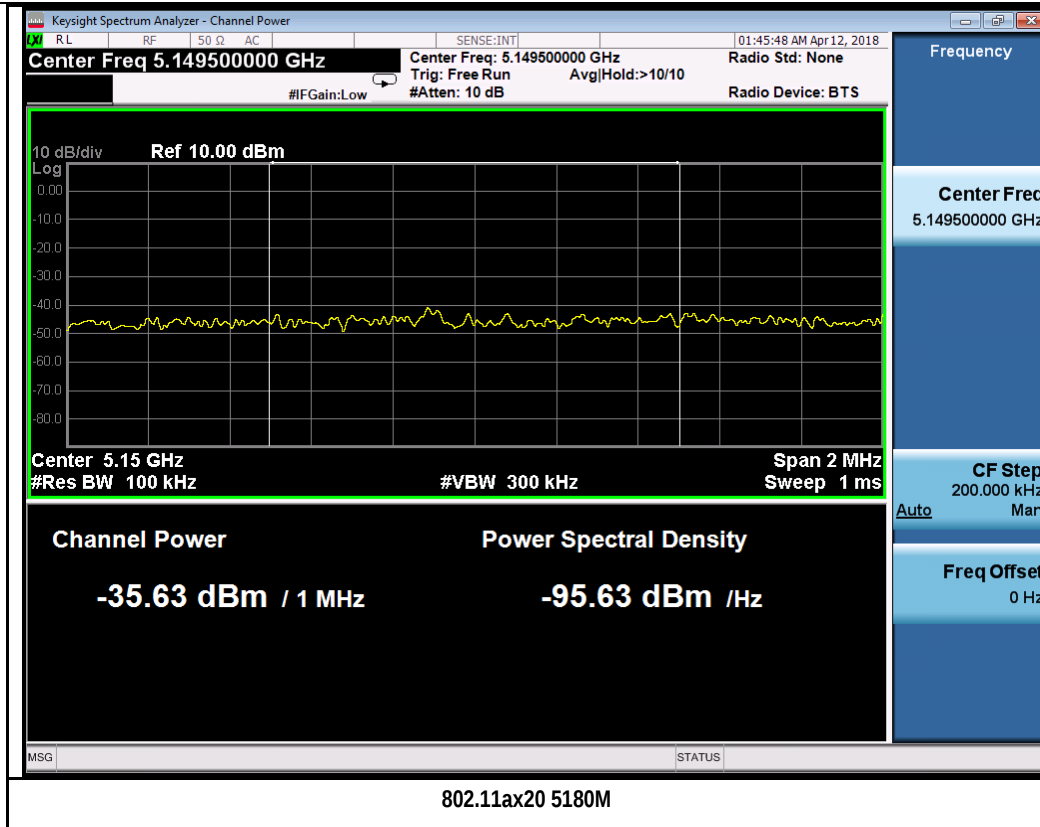
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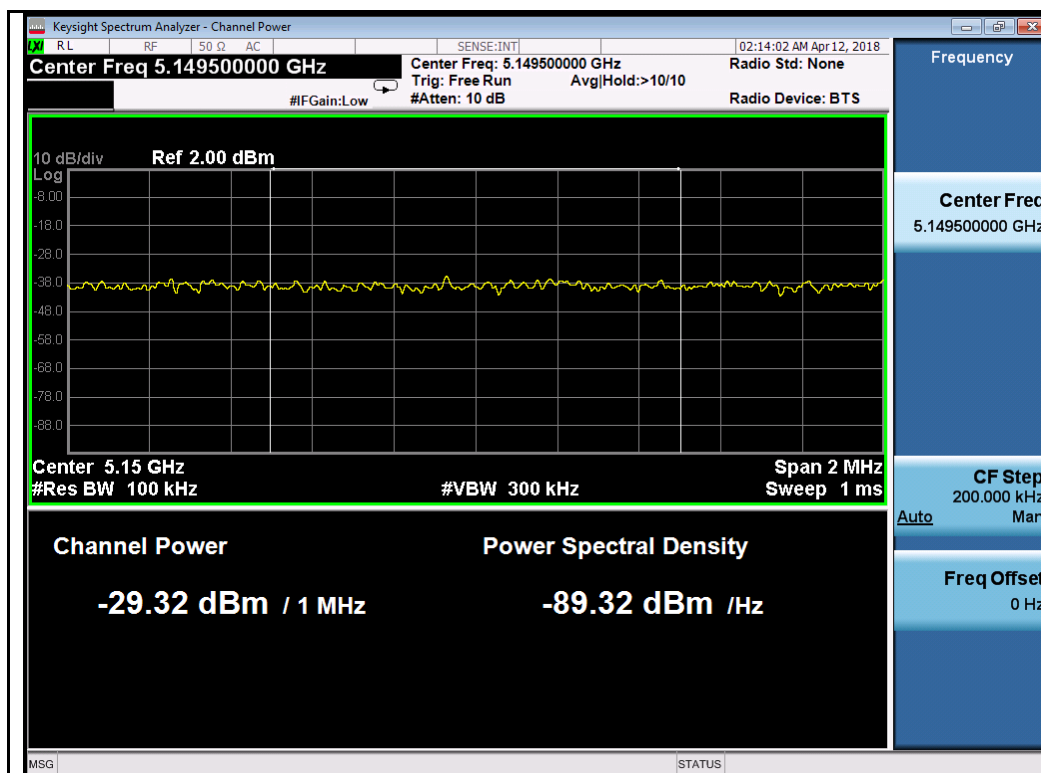


802.11a-5180M

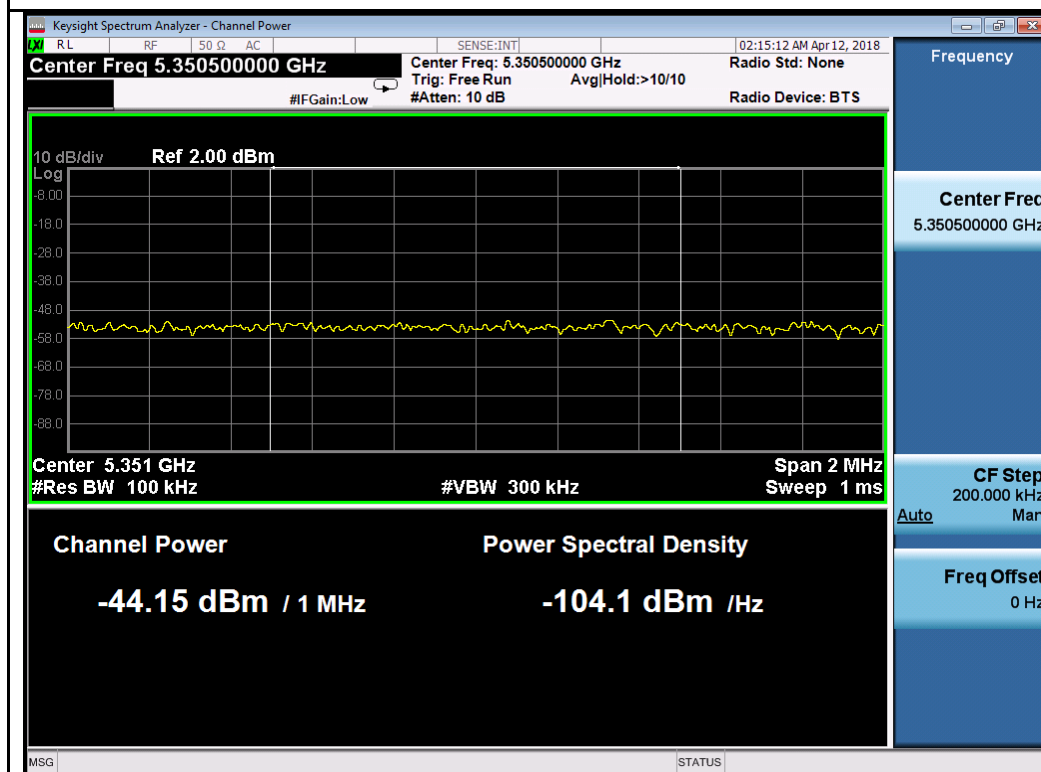


802.11a-5240M

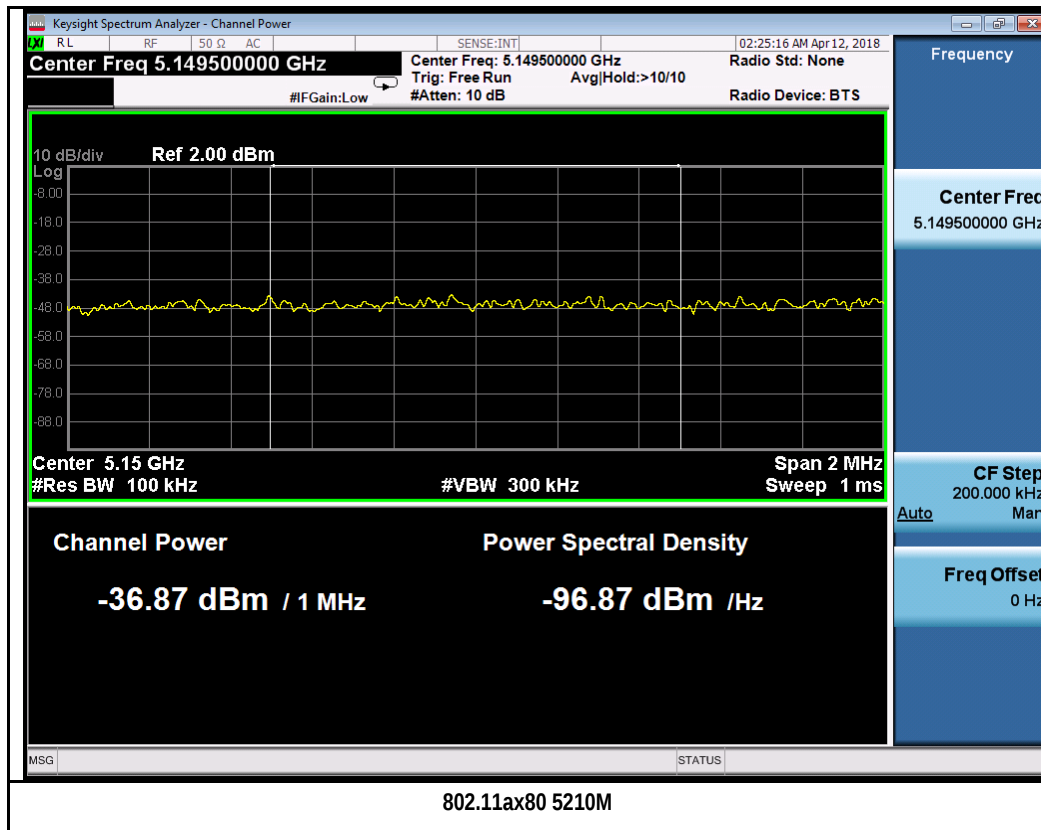




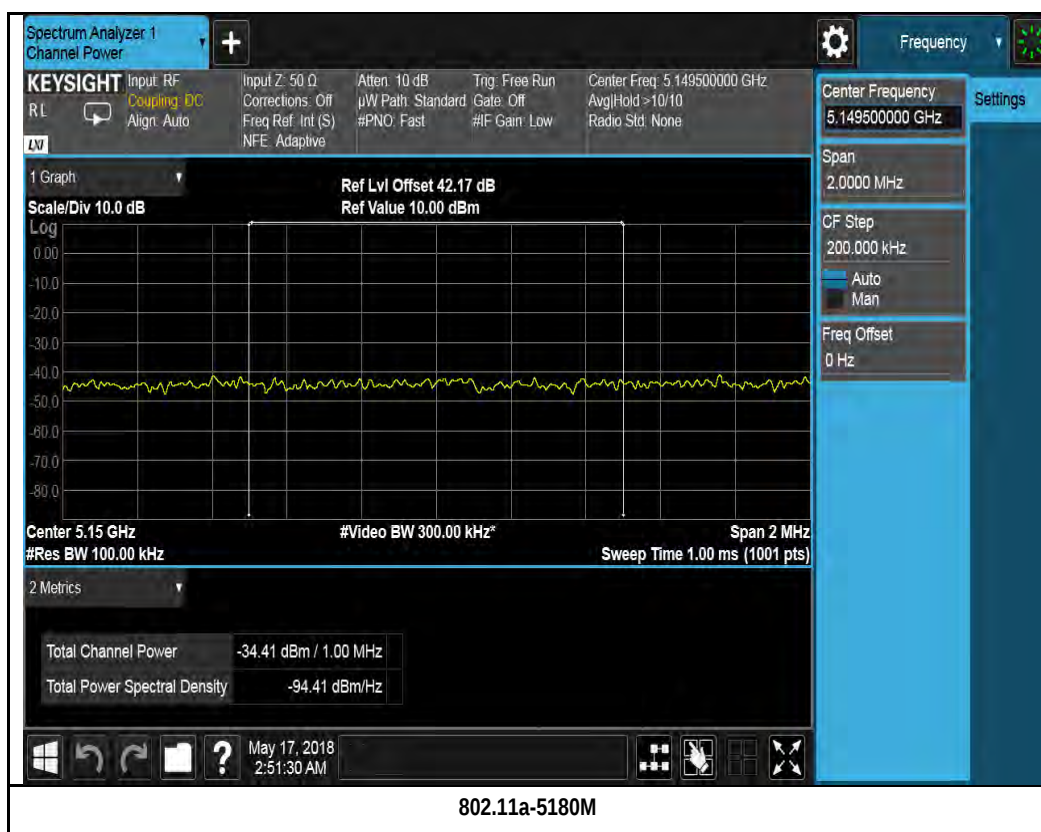
802.11ax40 5190M

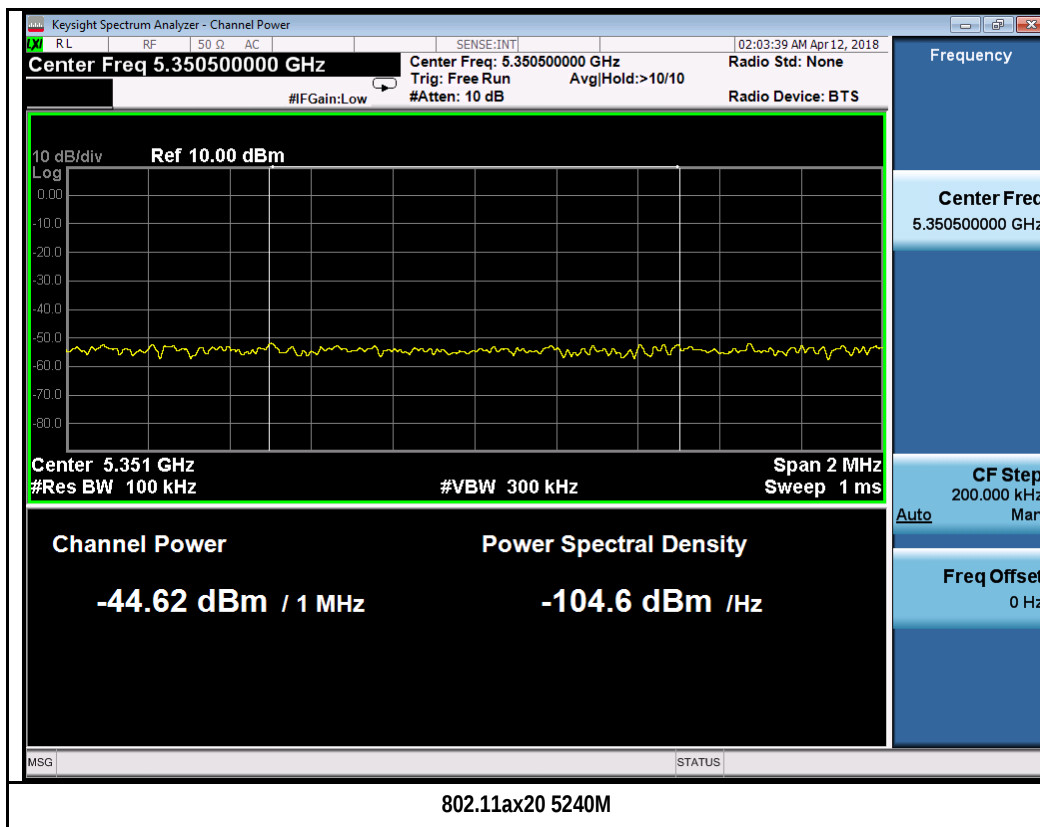
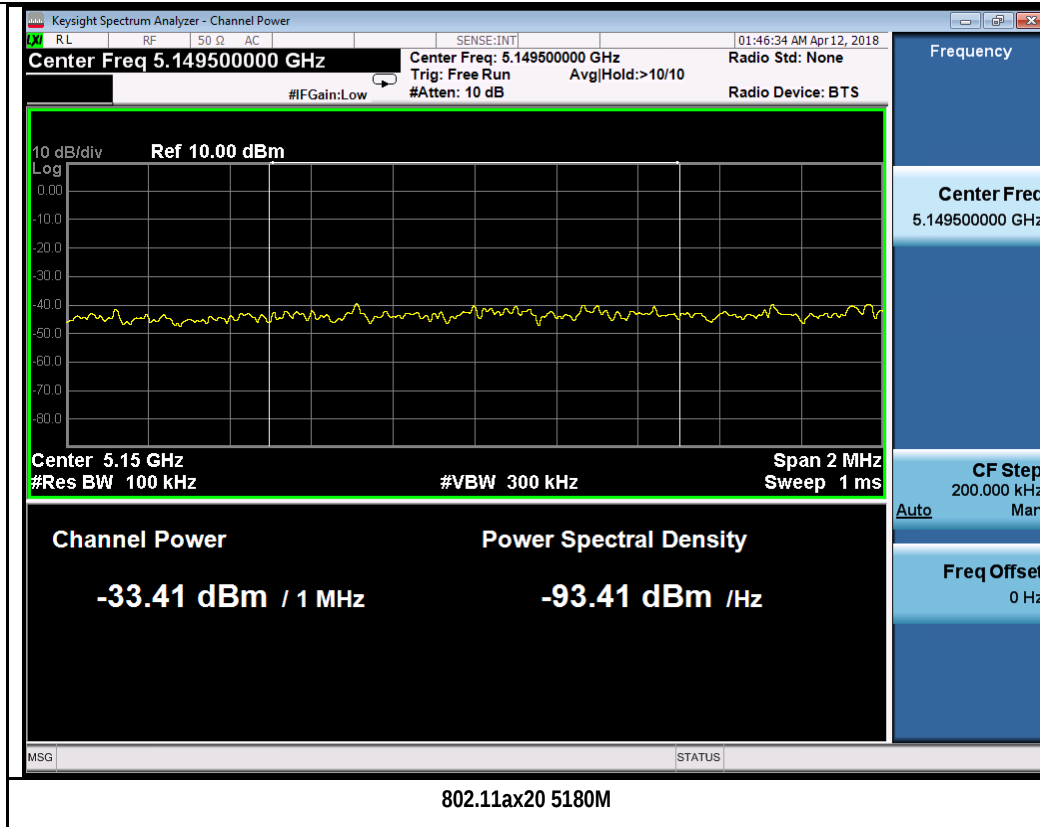


802.11ax40 5230M

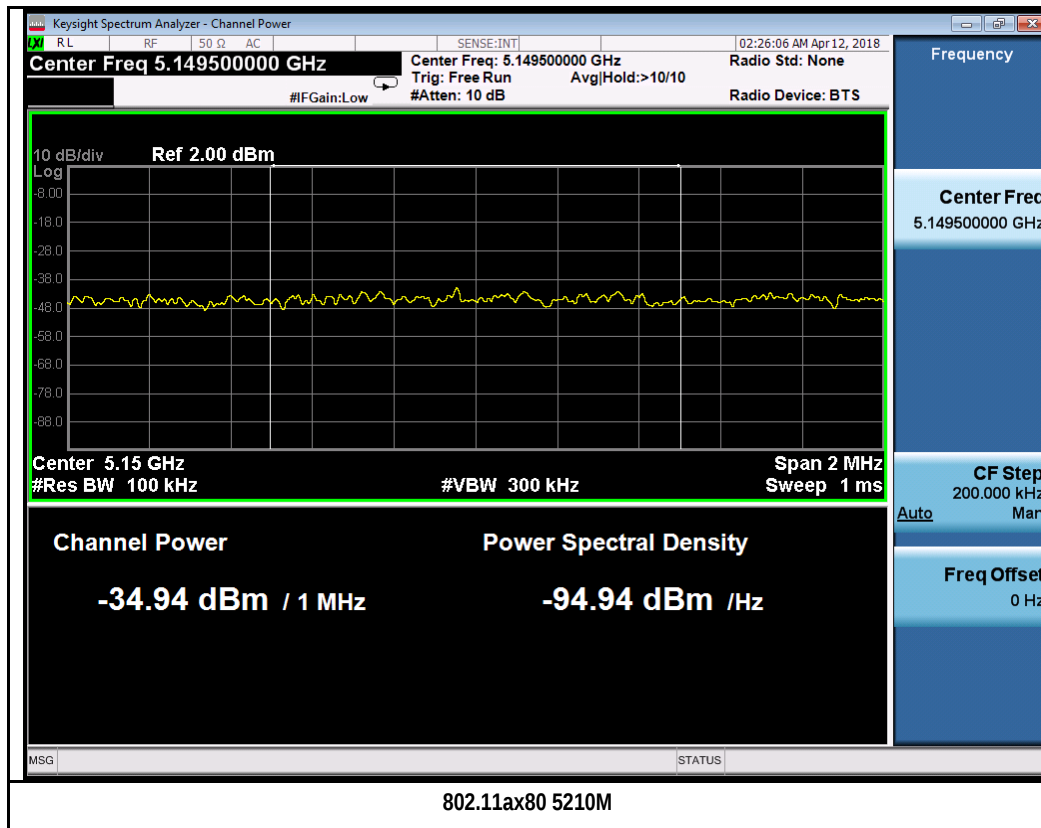


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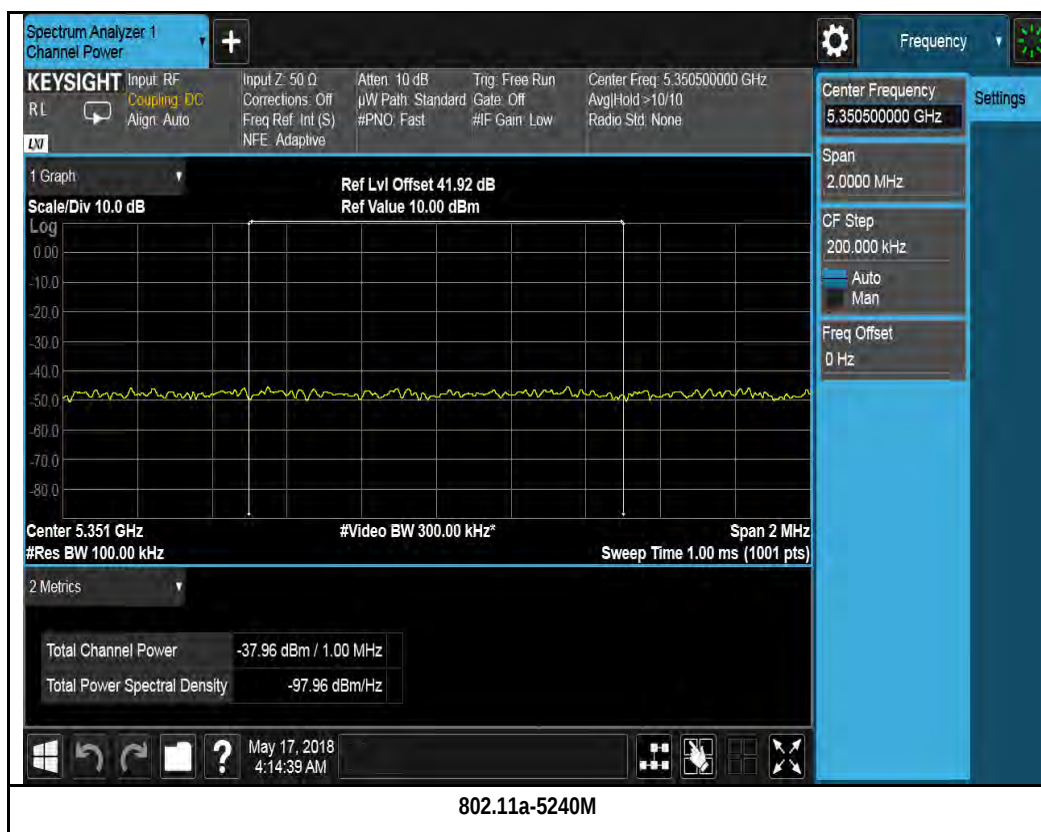
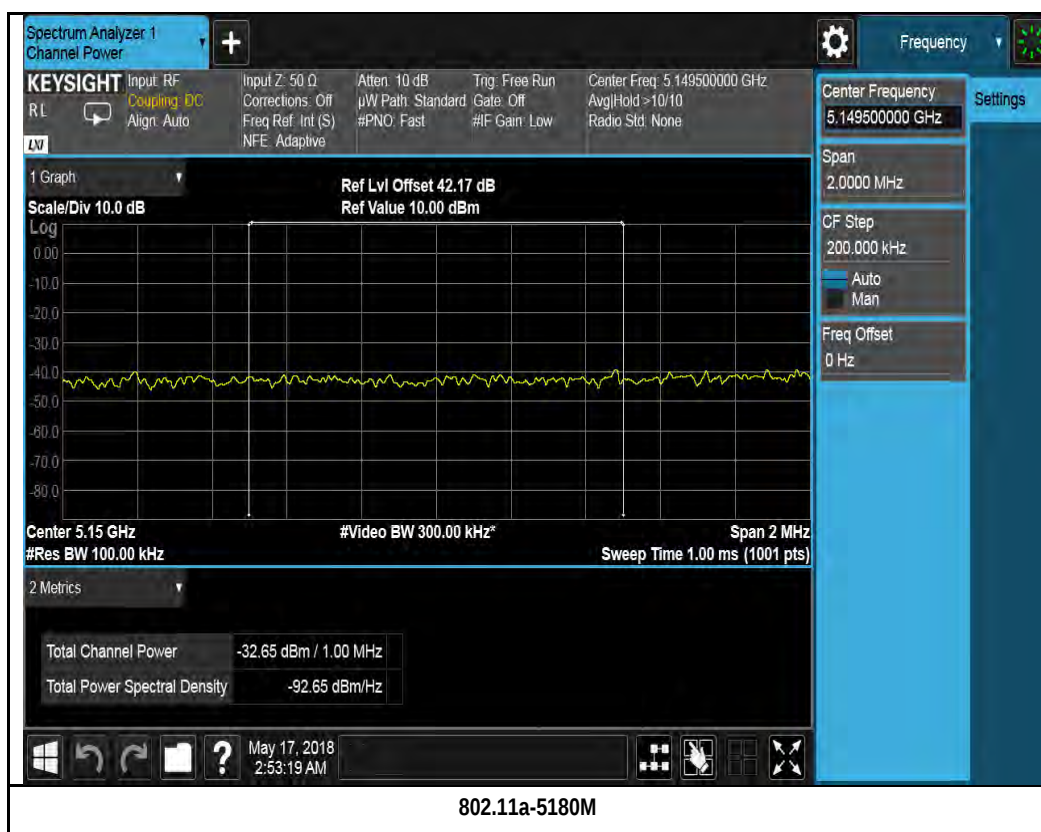


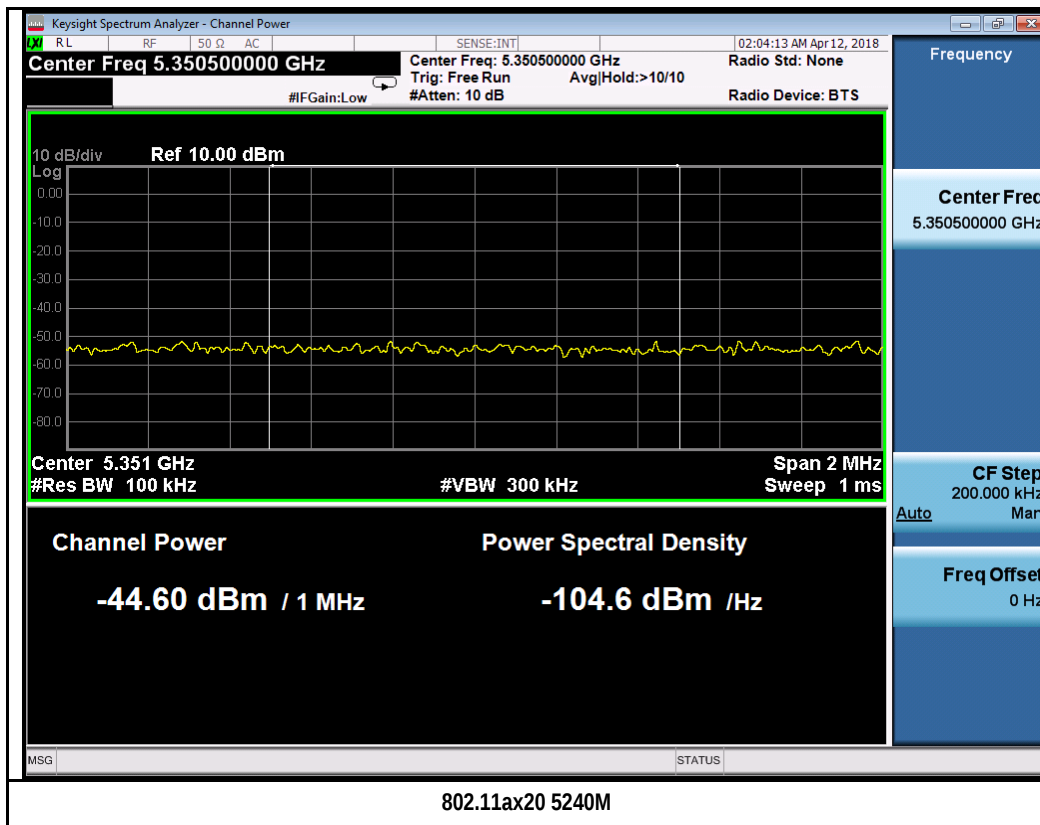
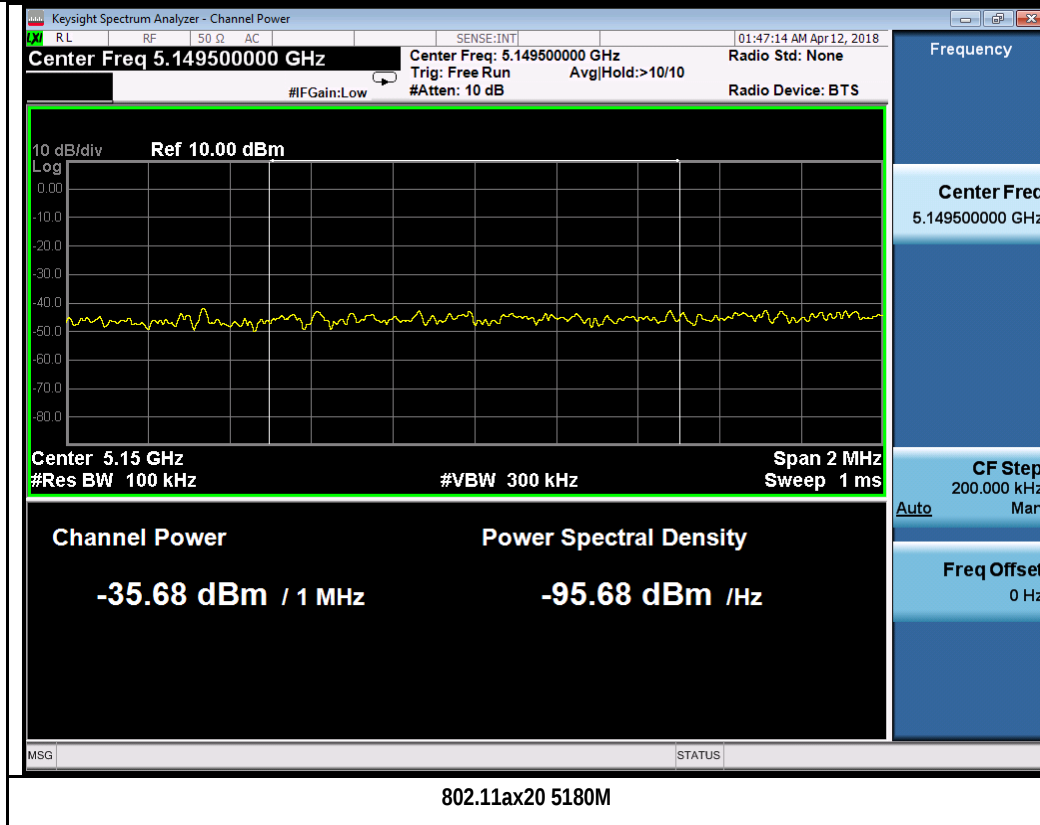


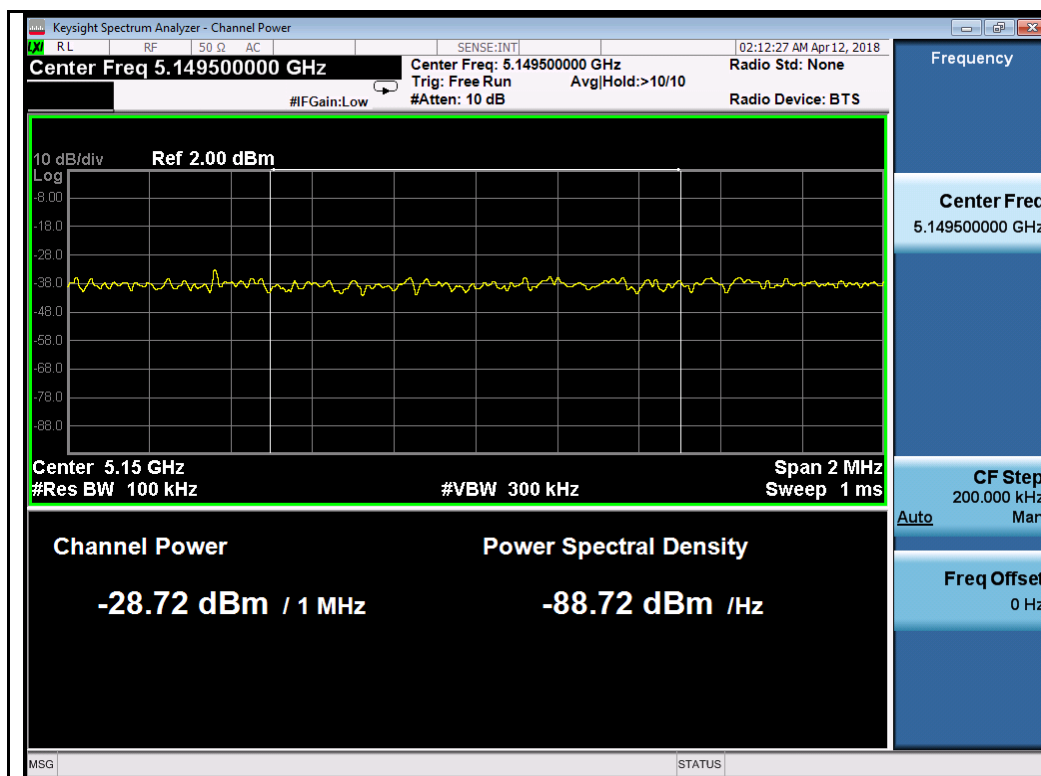




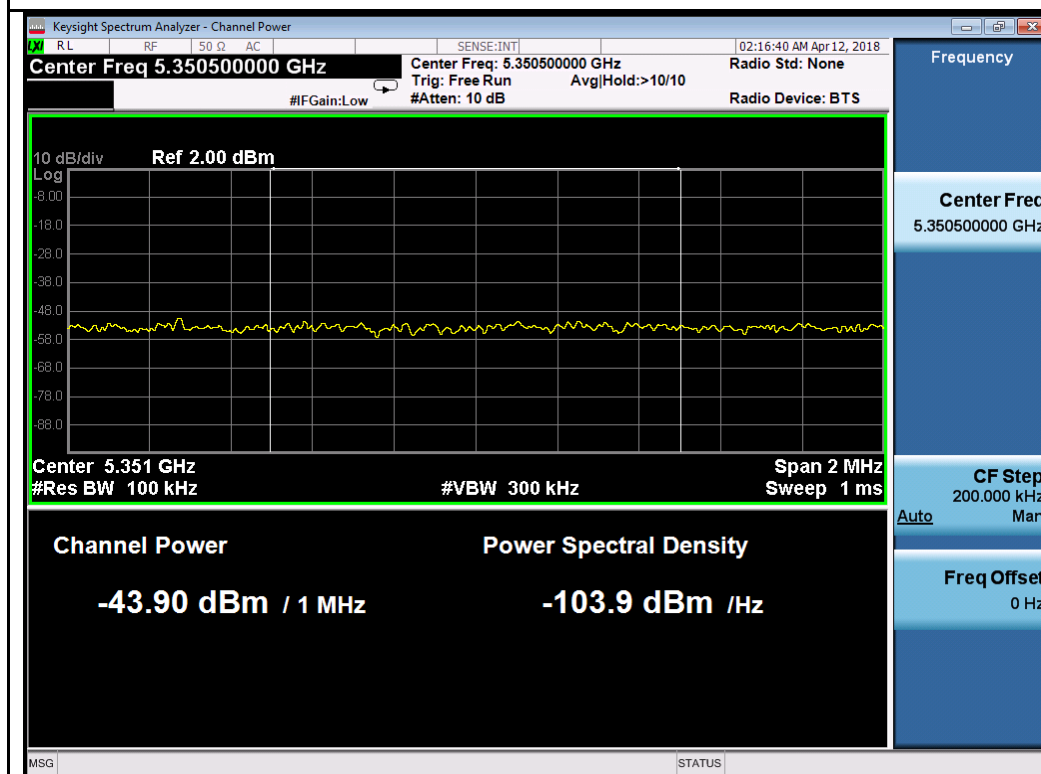
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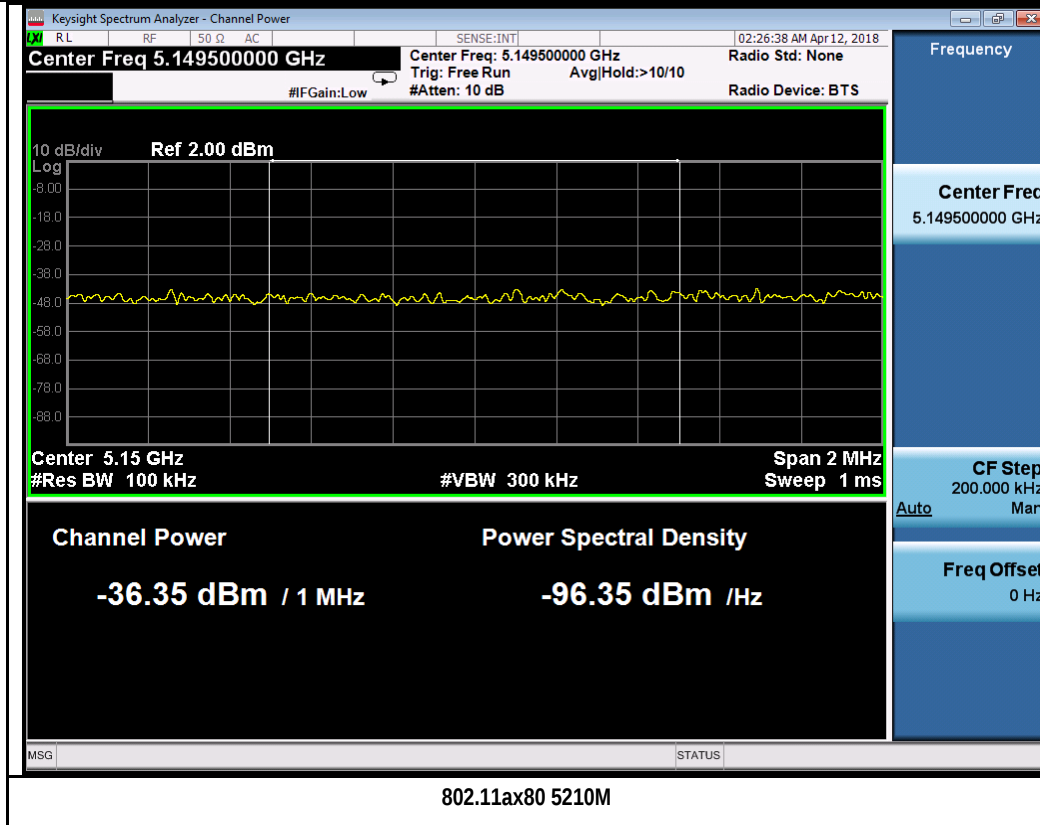




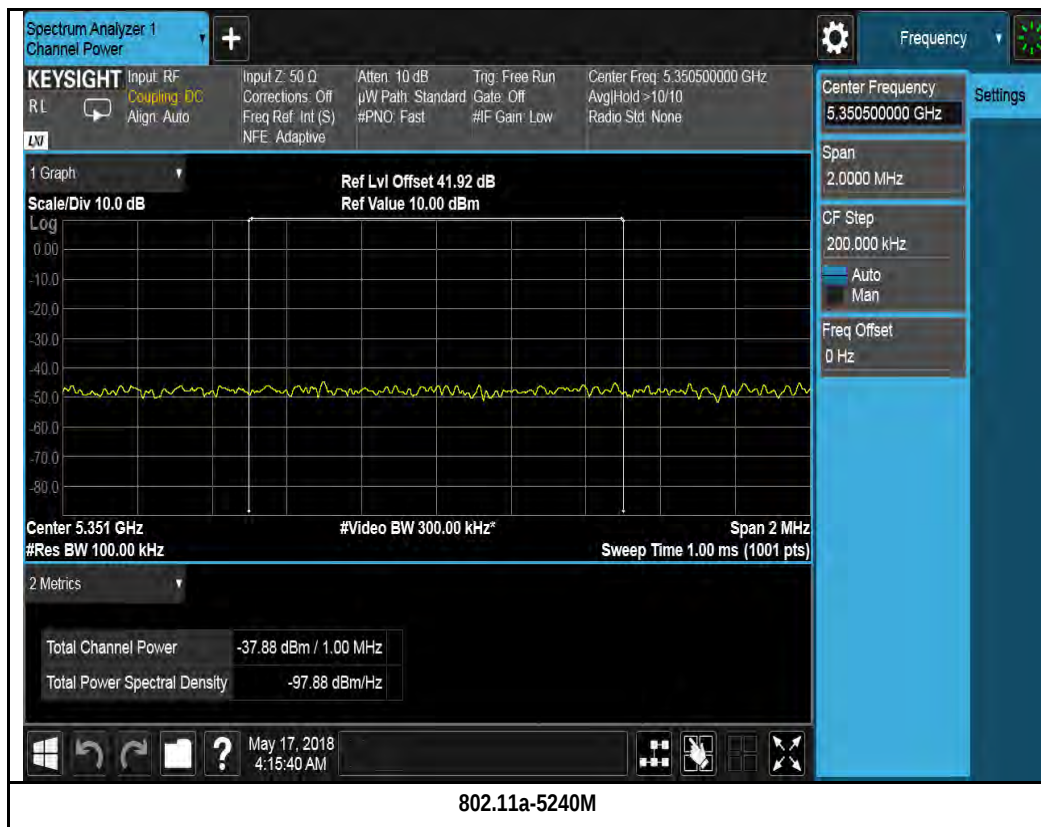
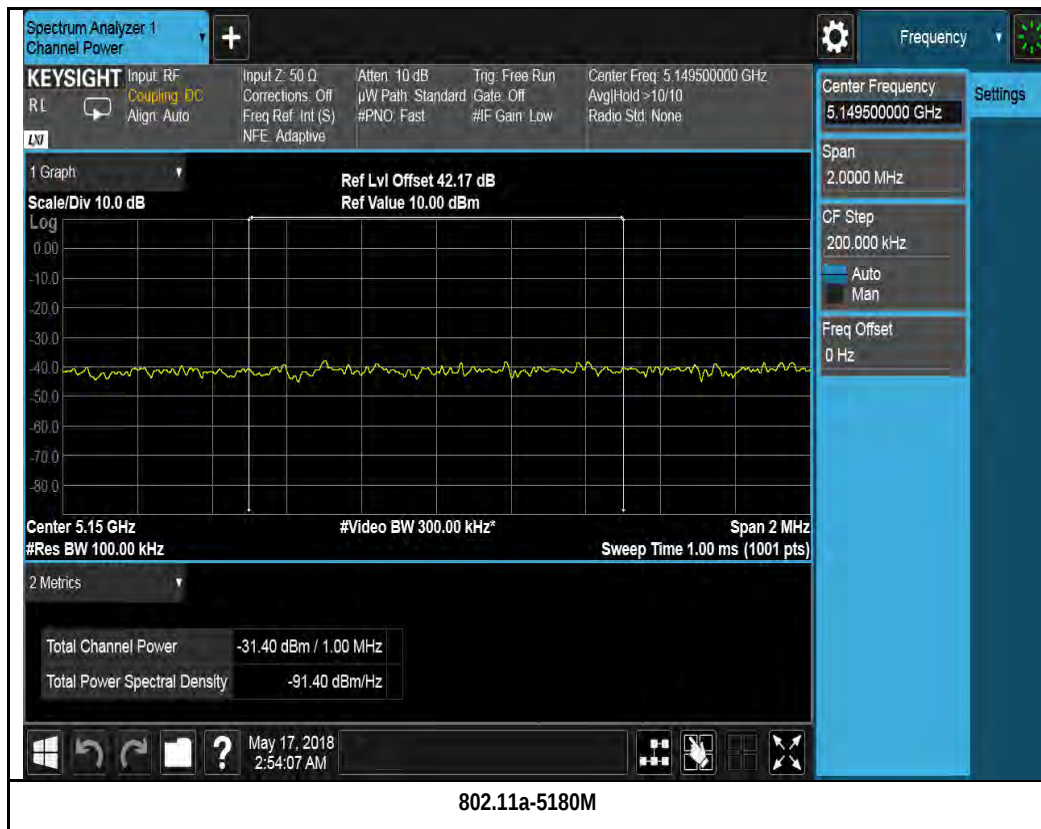
802.11ax40 5190M

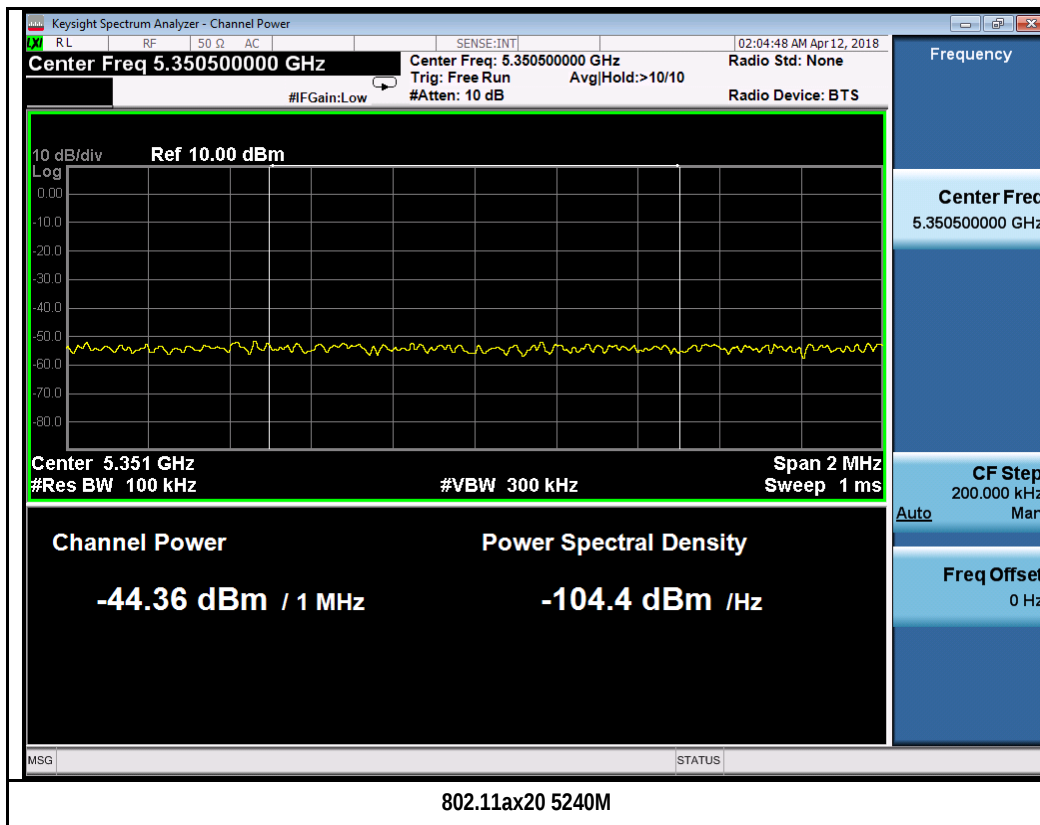
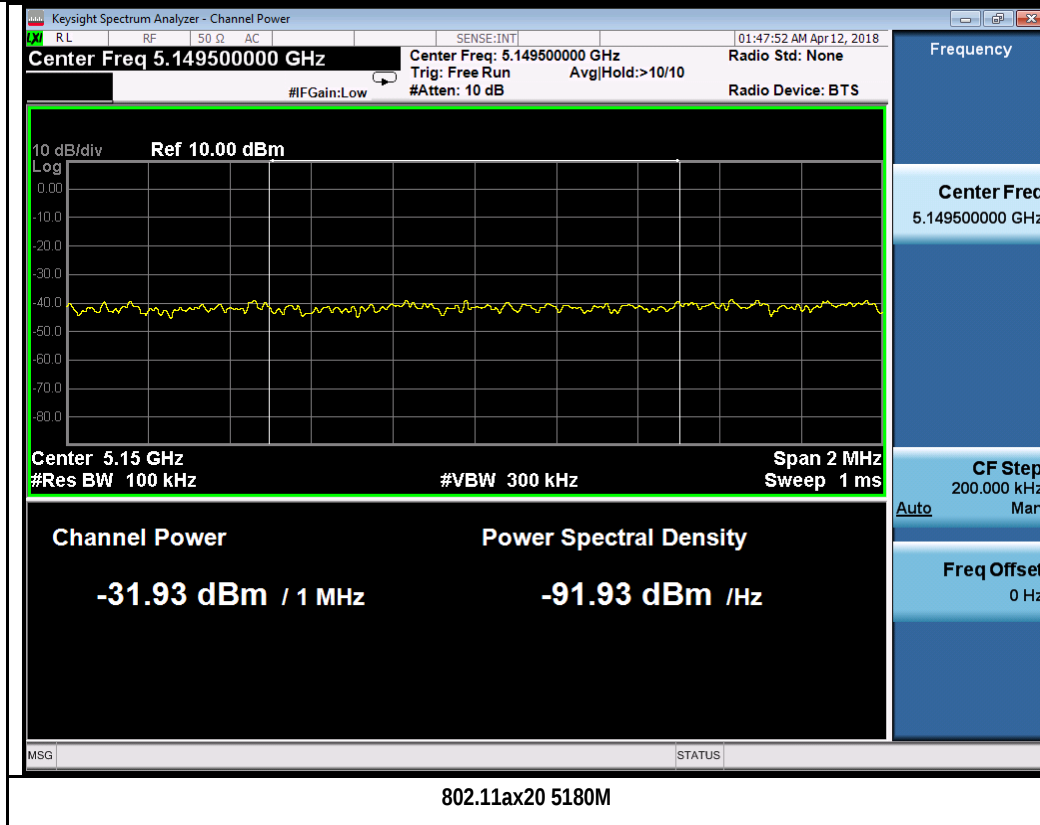


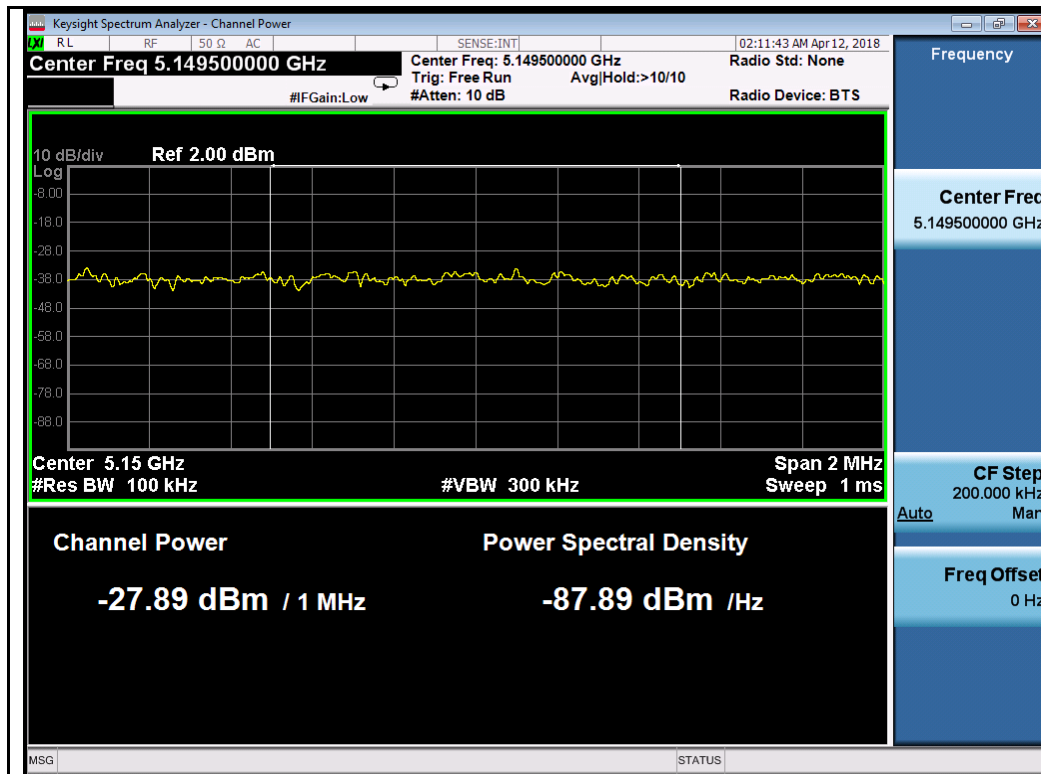
802.11ax40 5230M



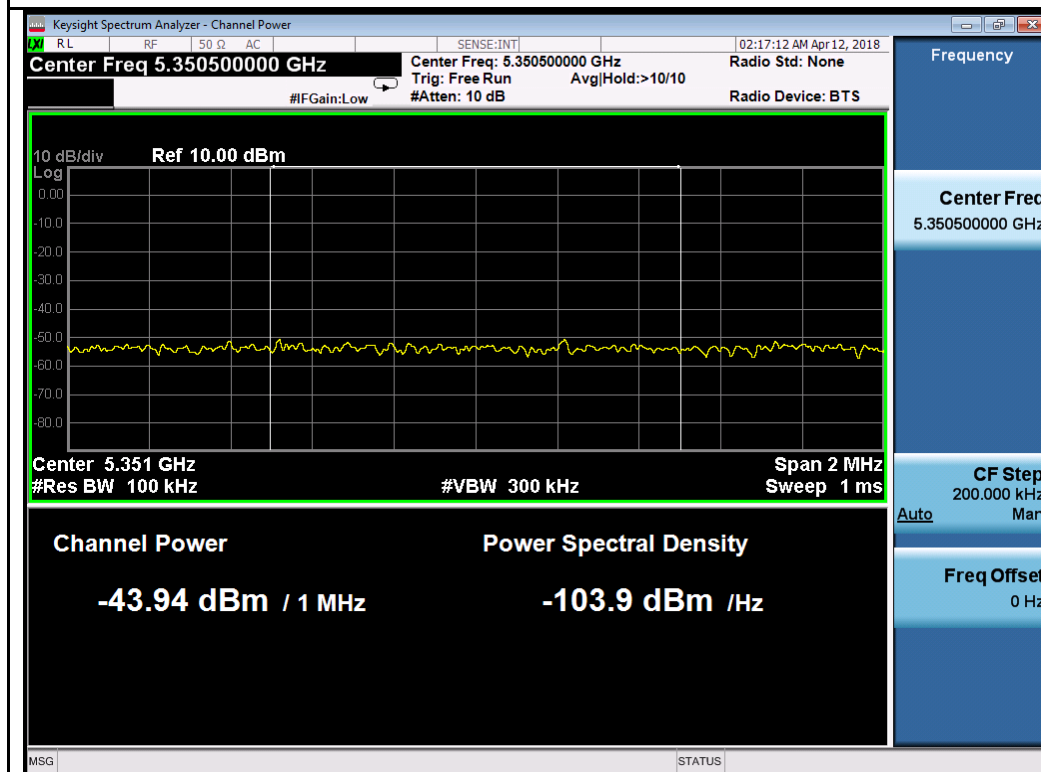
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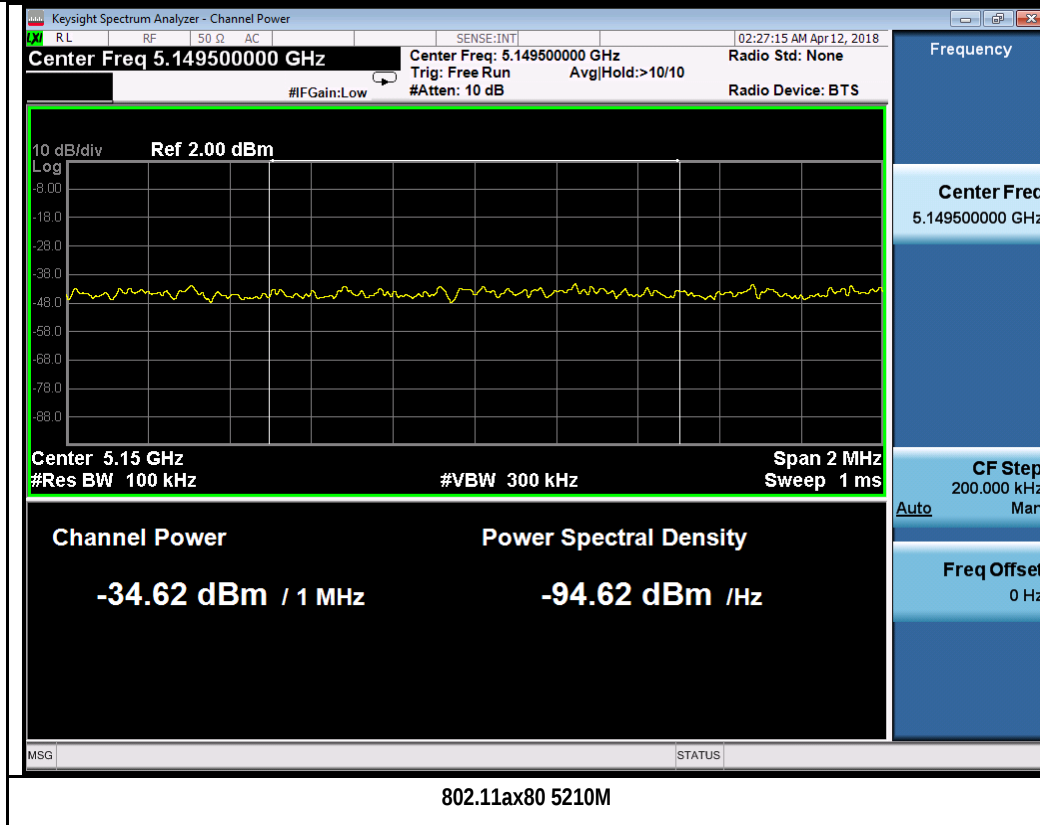




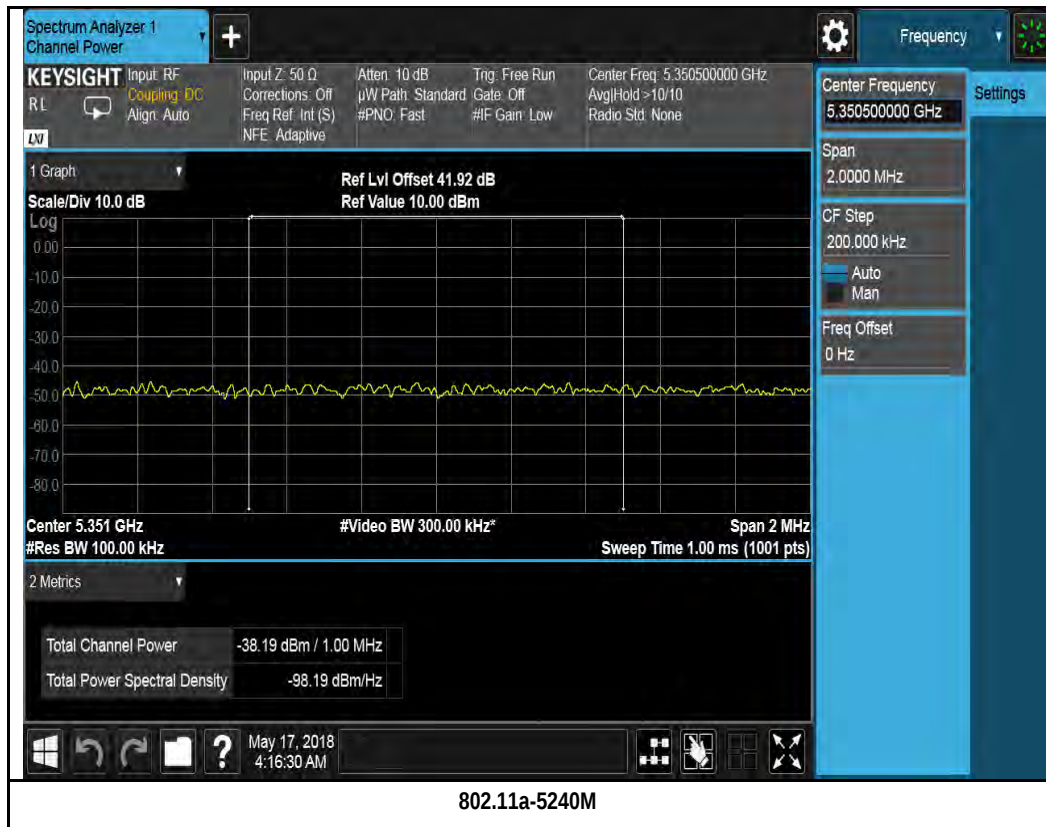
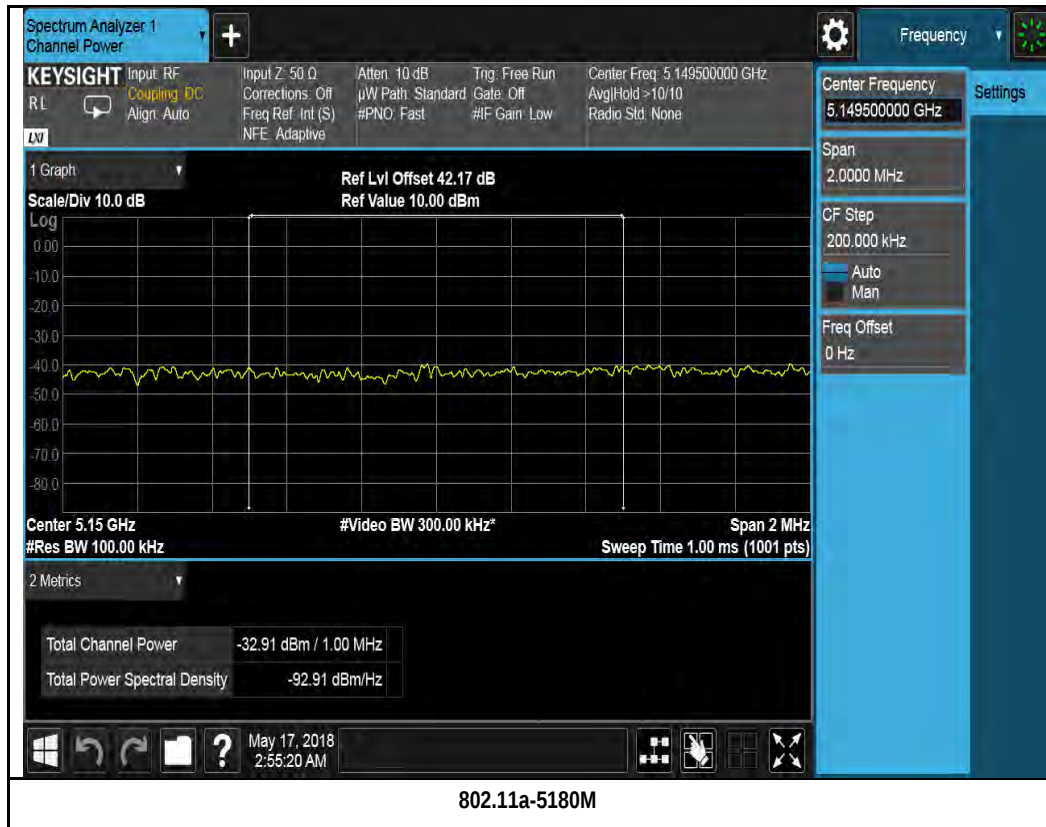
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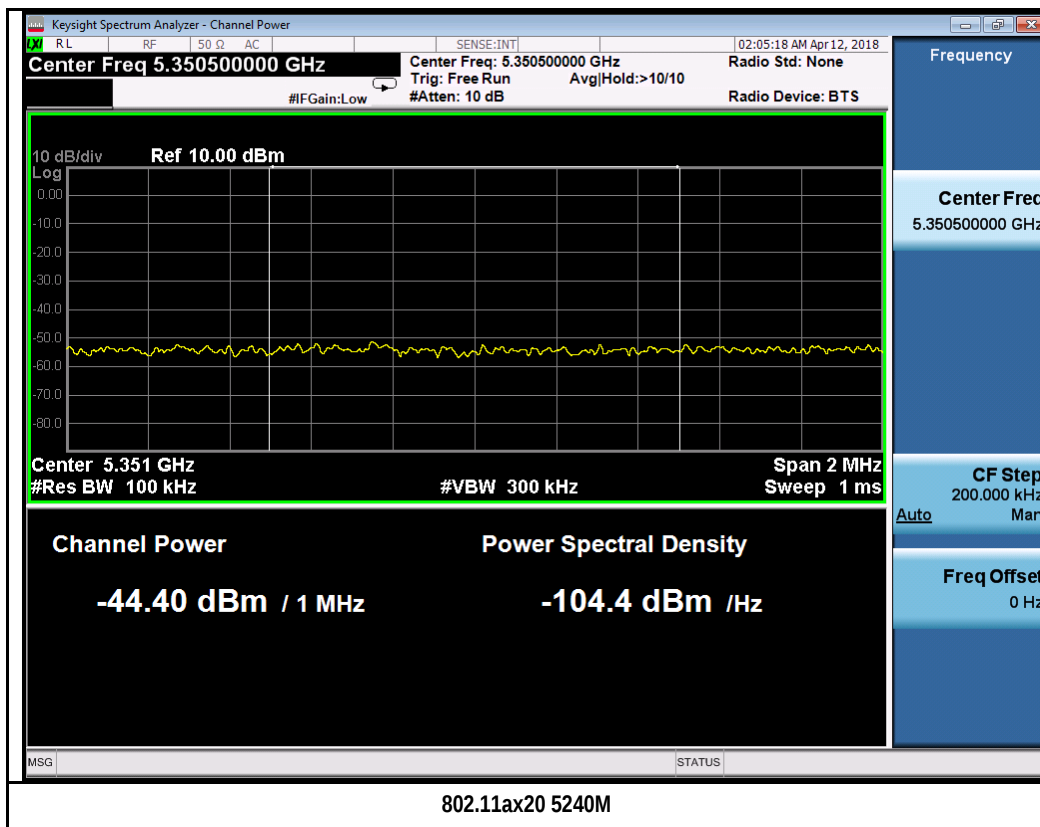
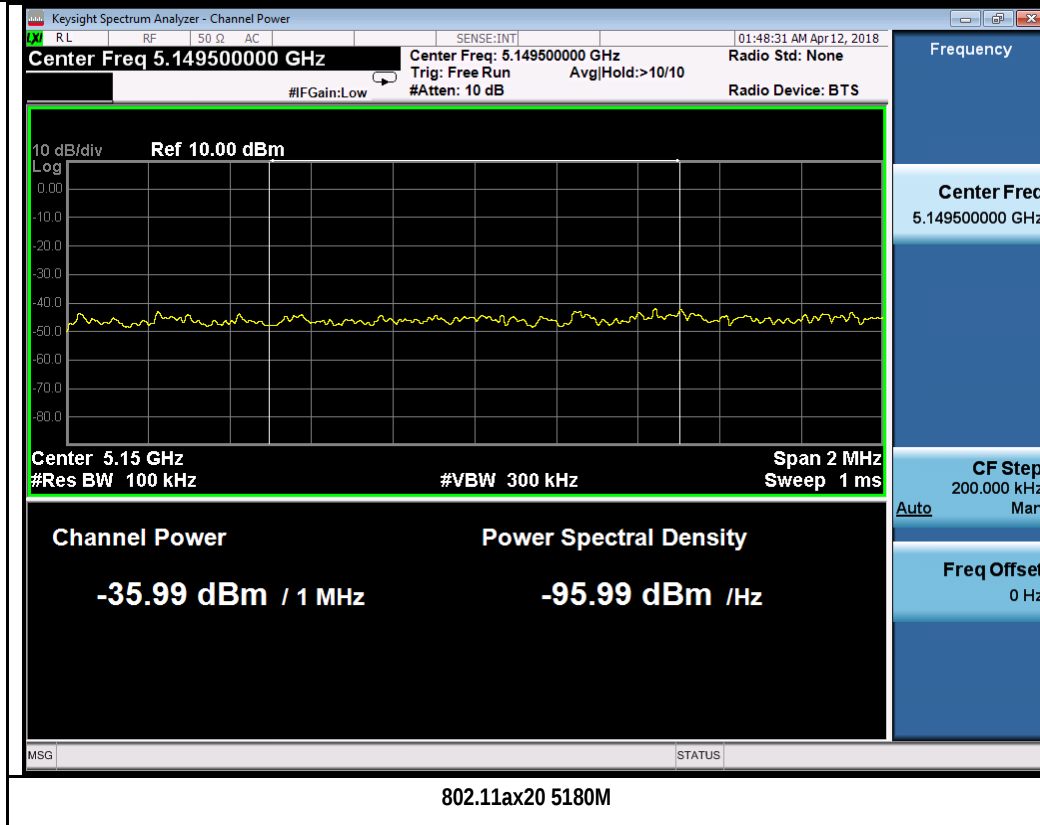


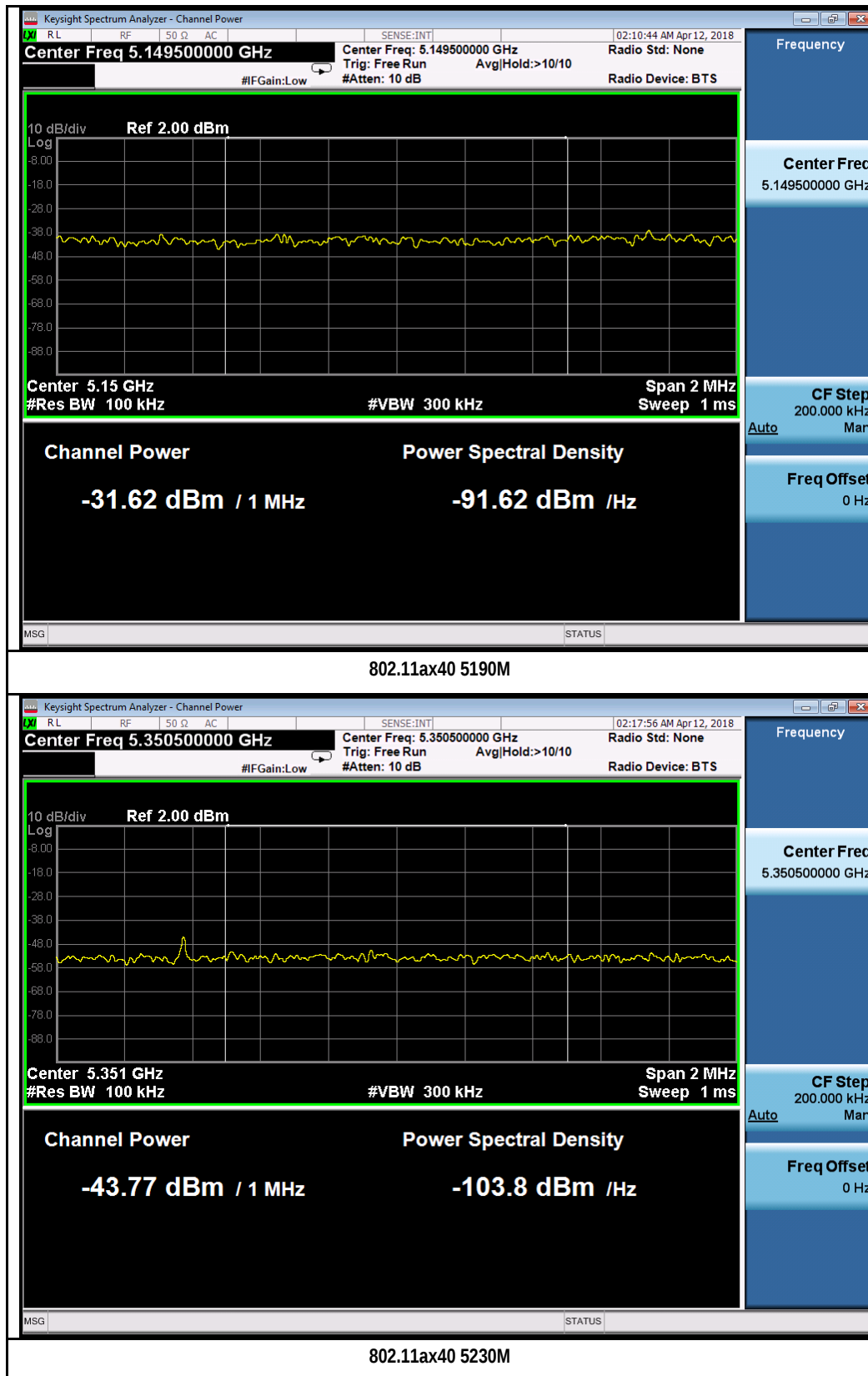
802.11ax40 5230M

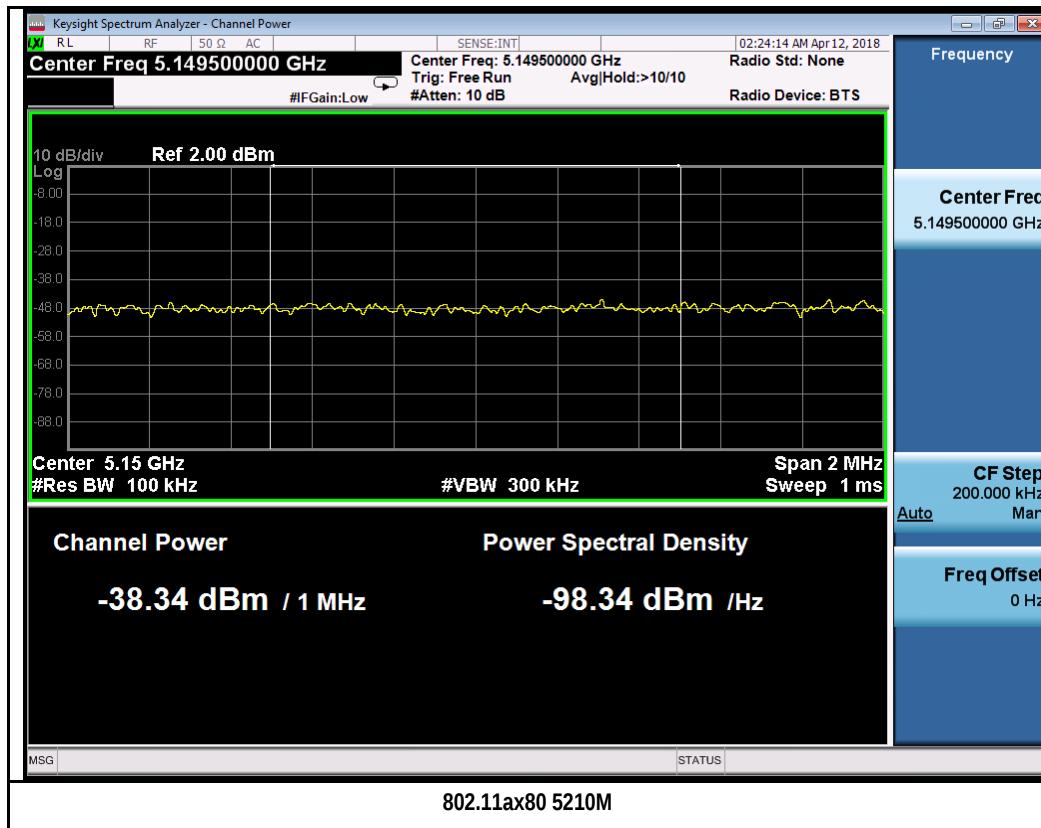


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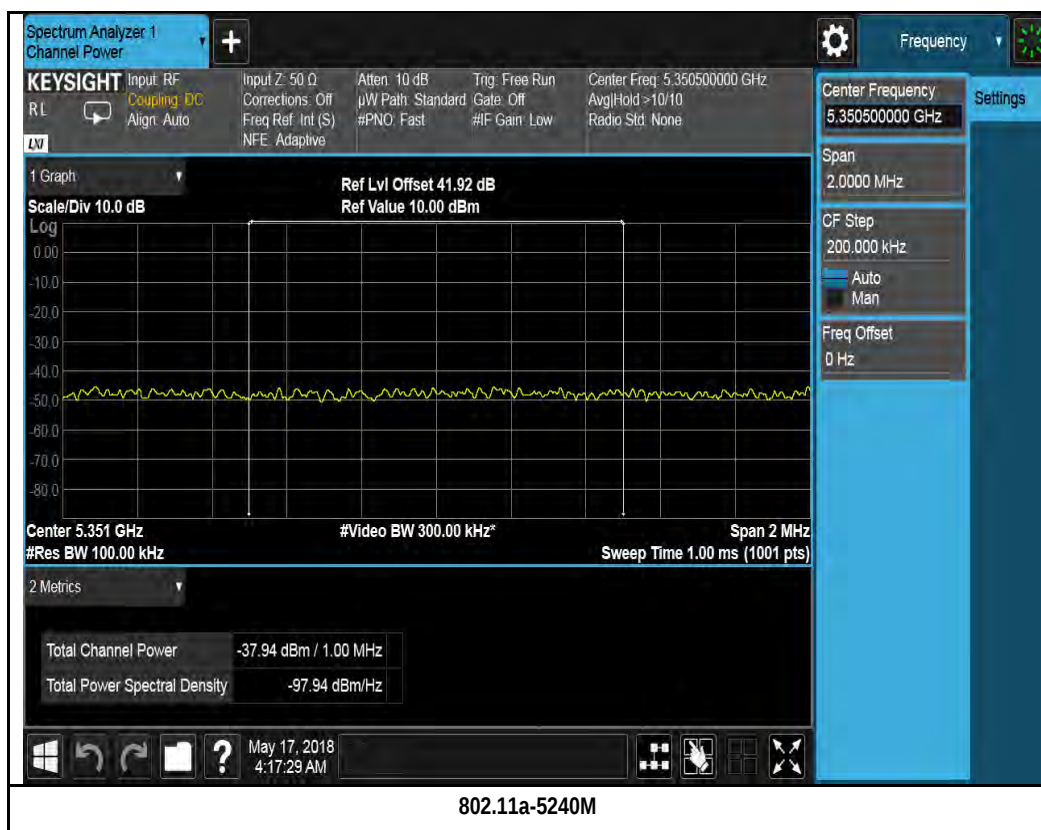
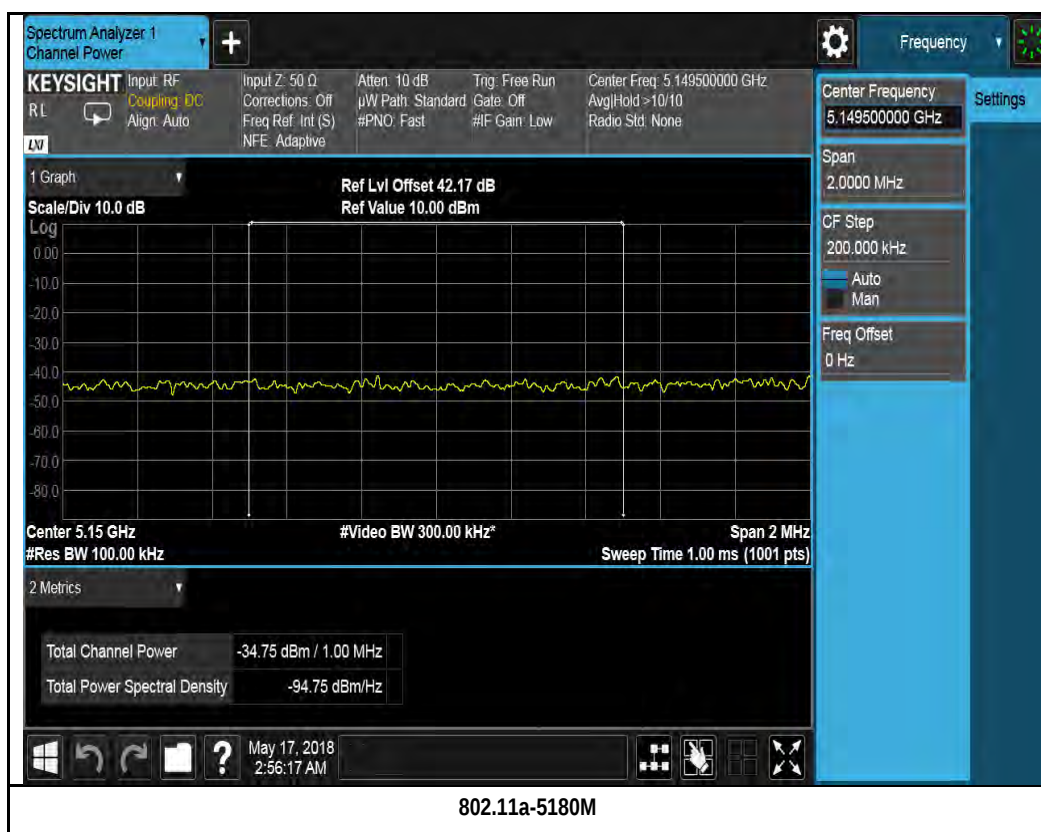


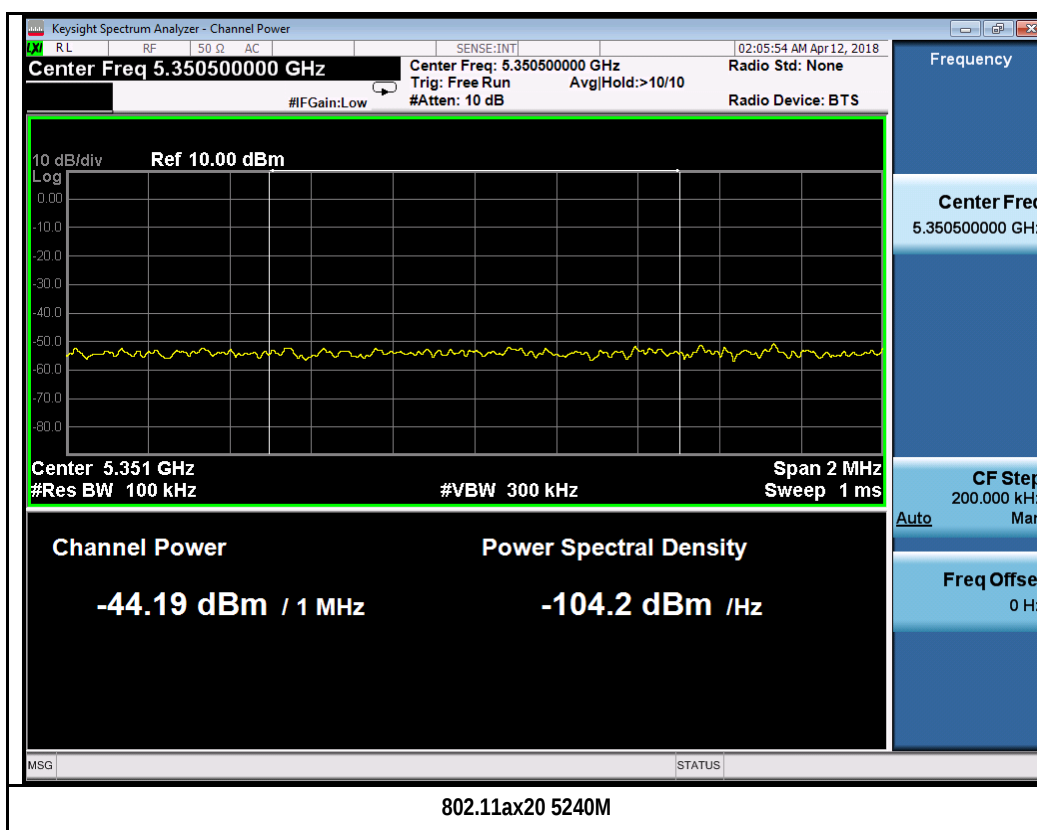
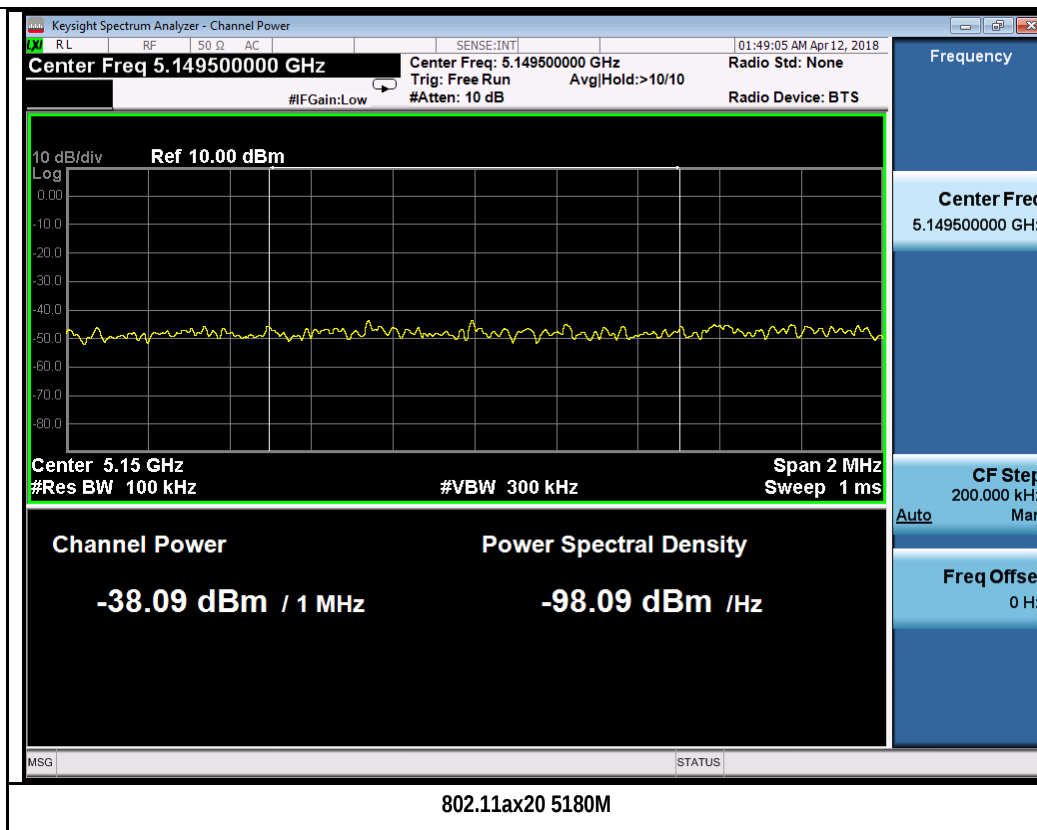


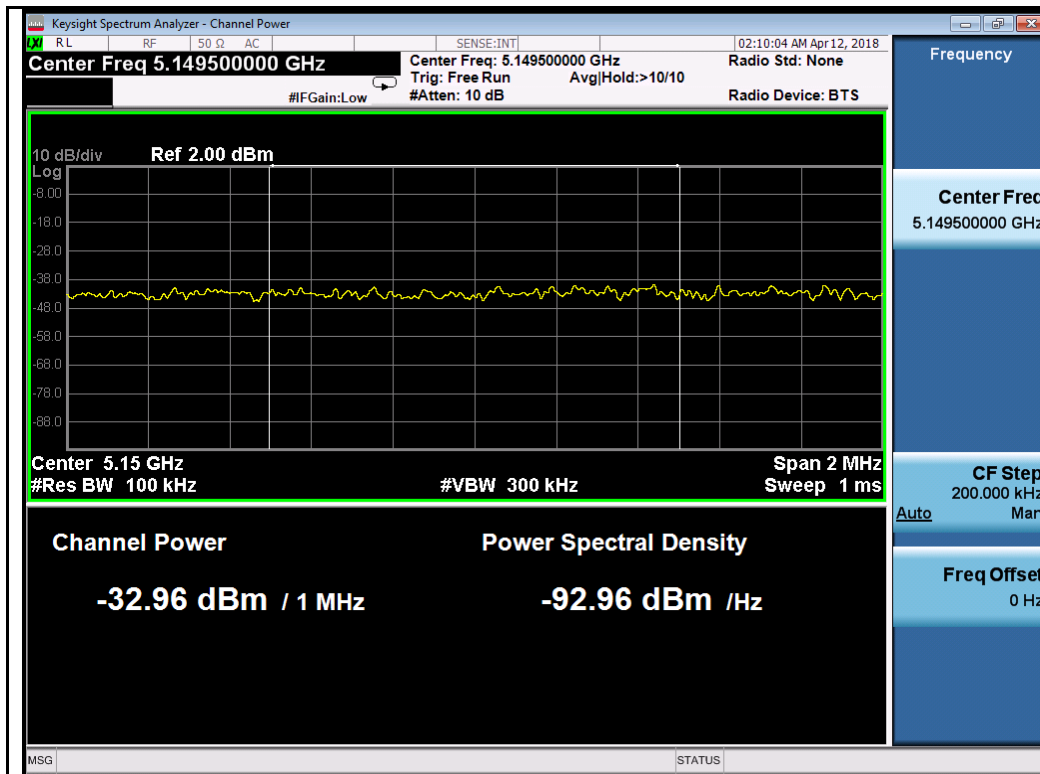




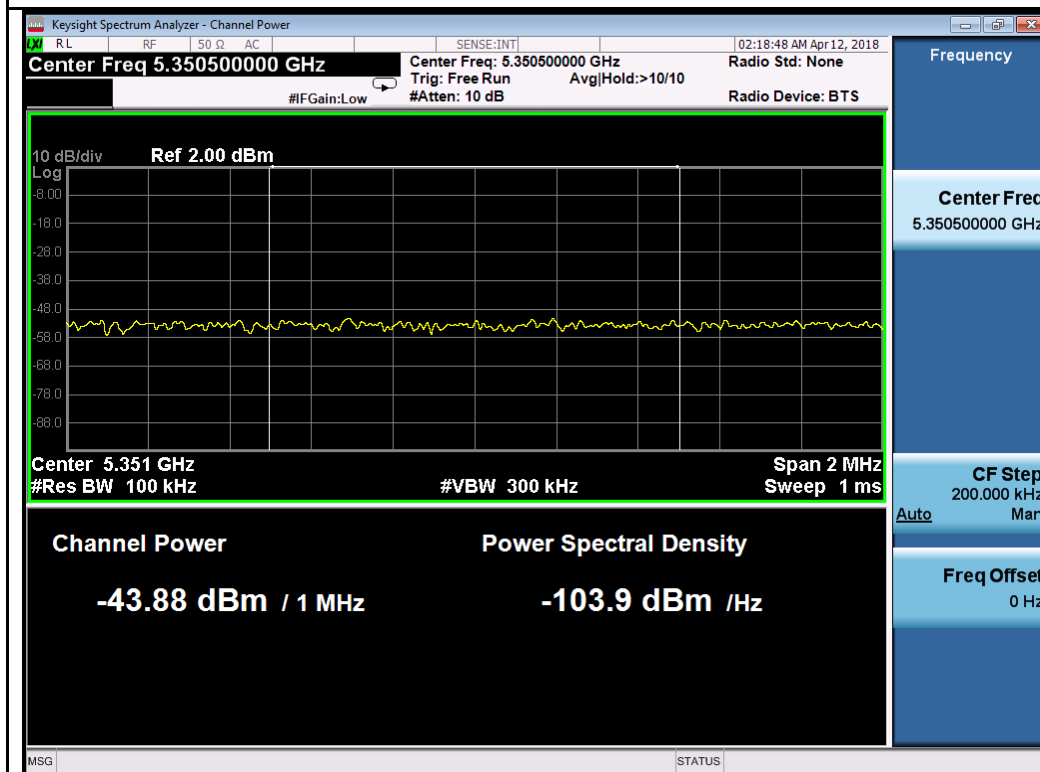
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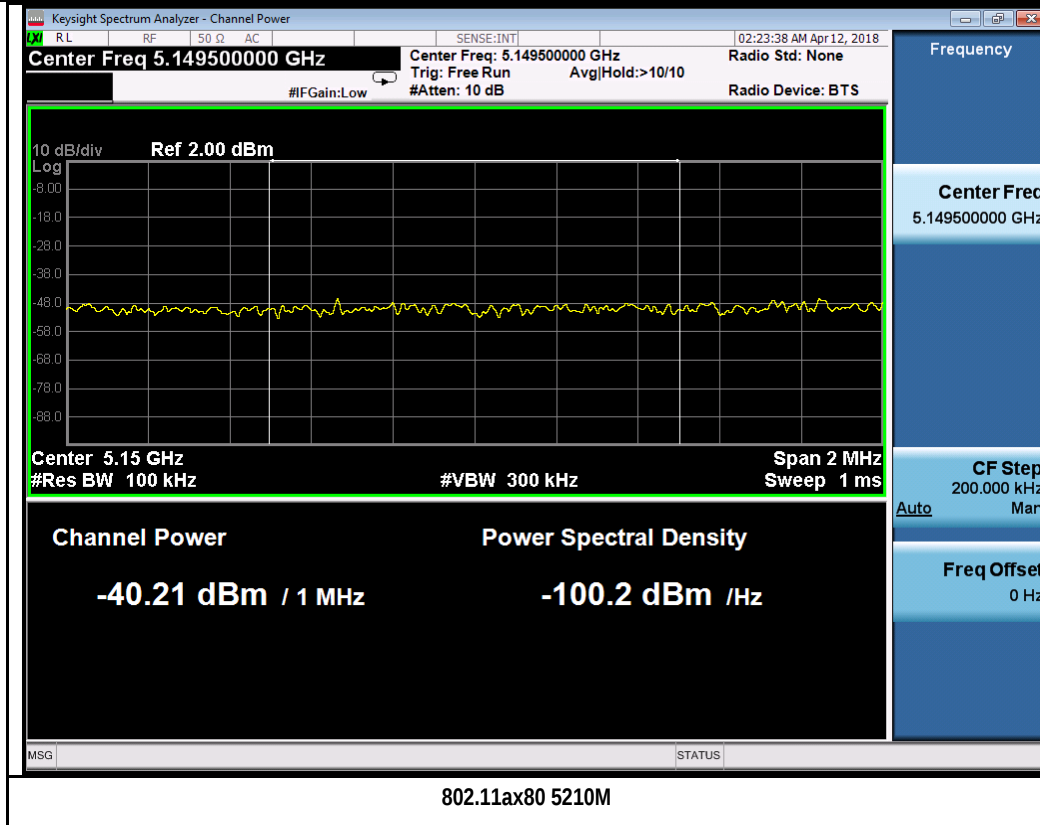




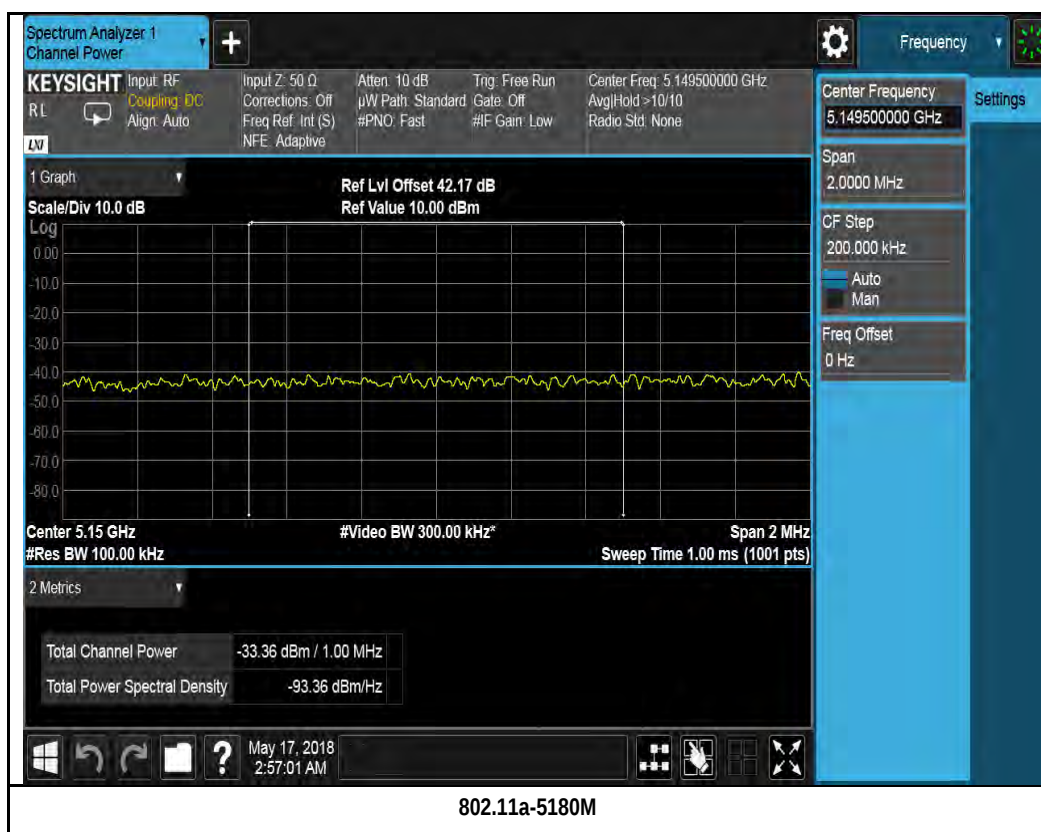
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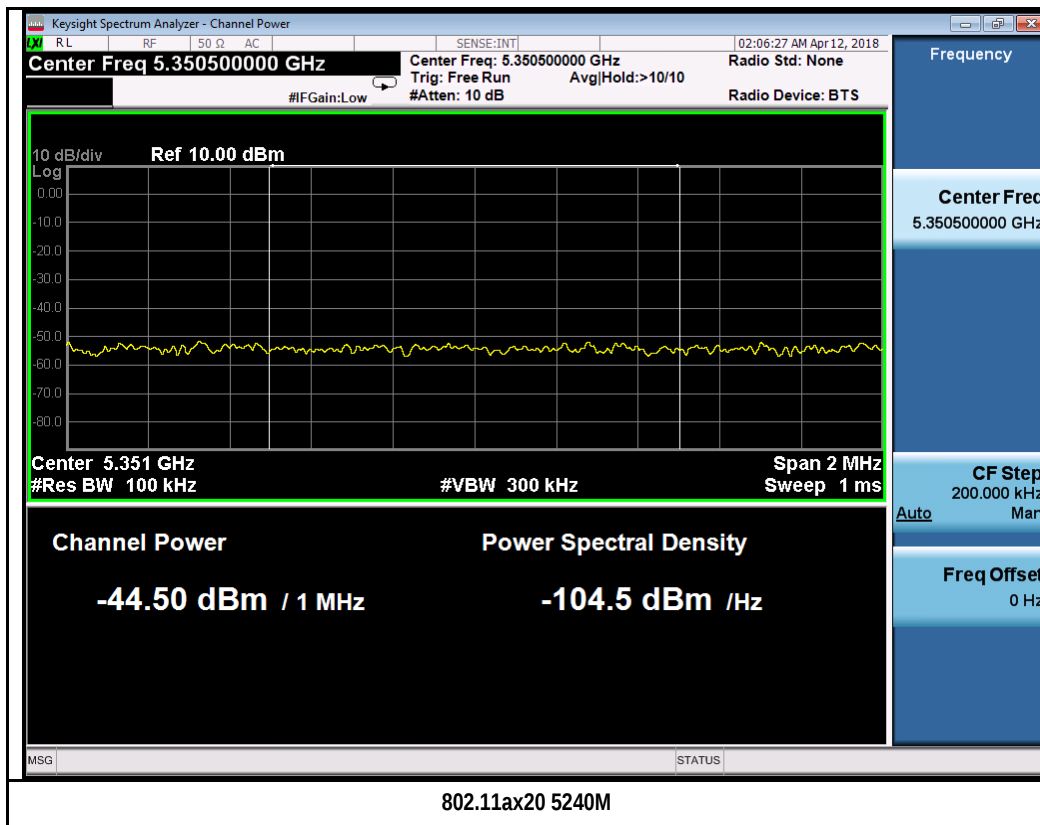
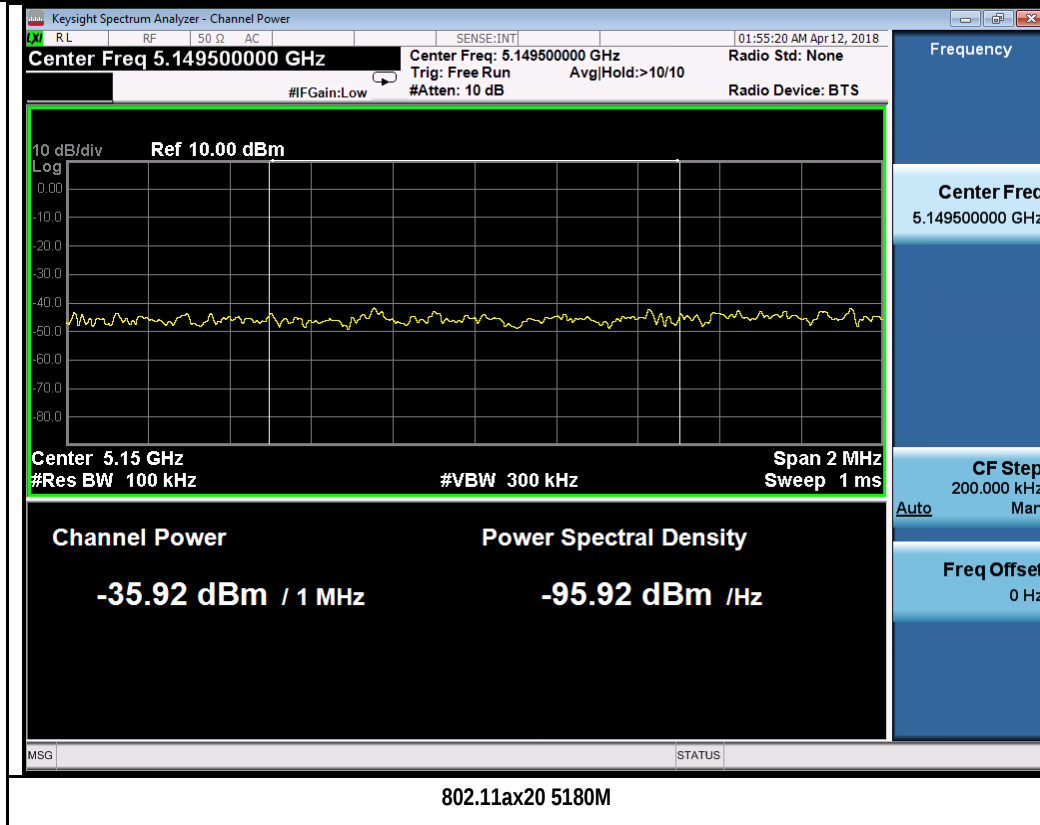


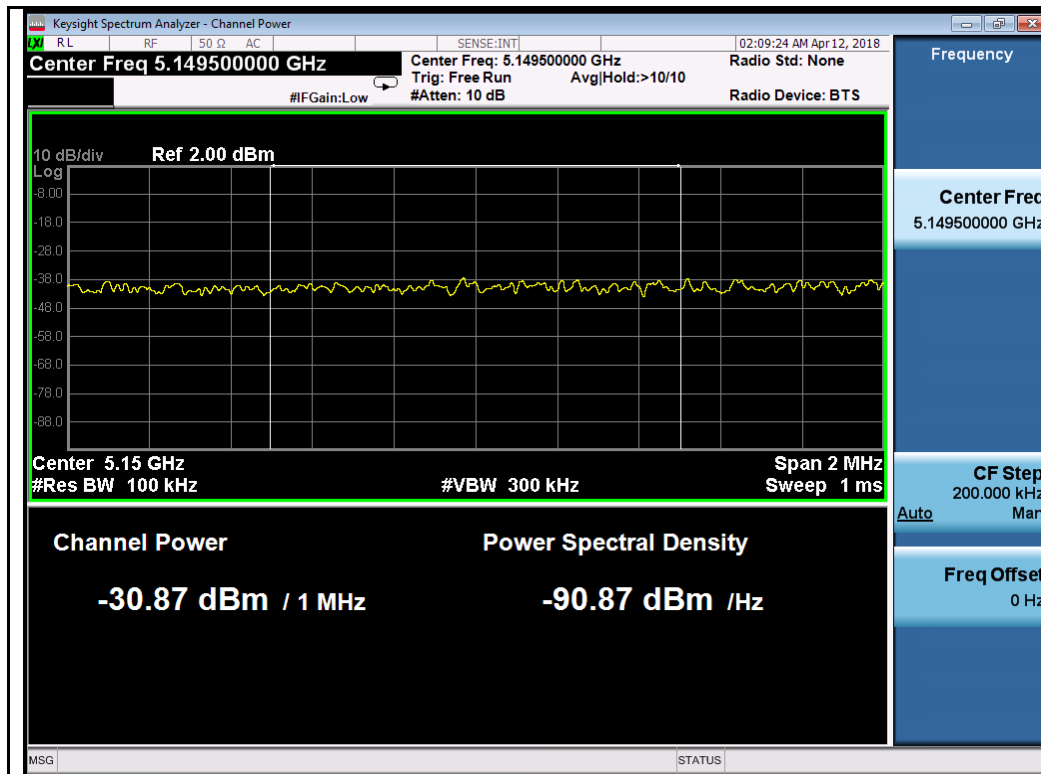
802.11ax40 5230M



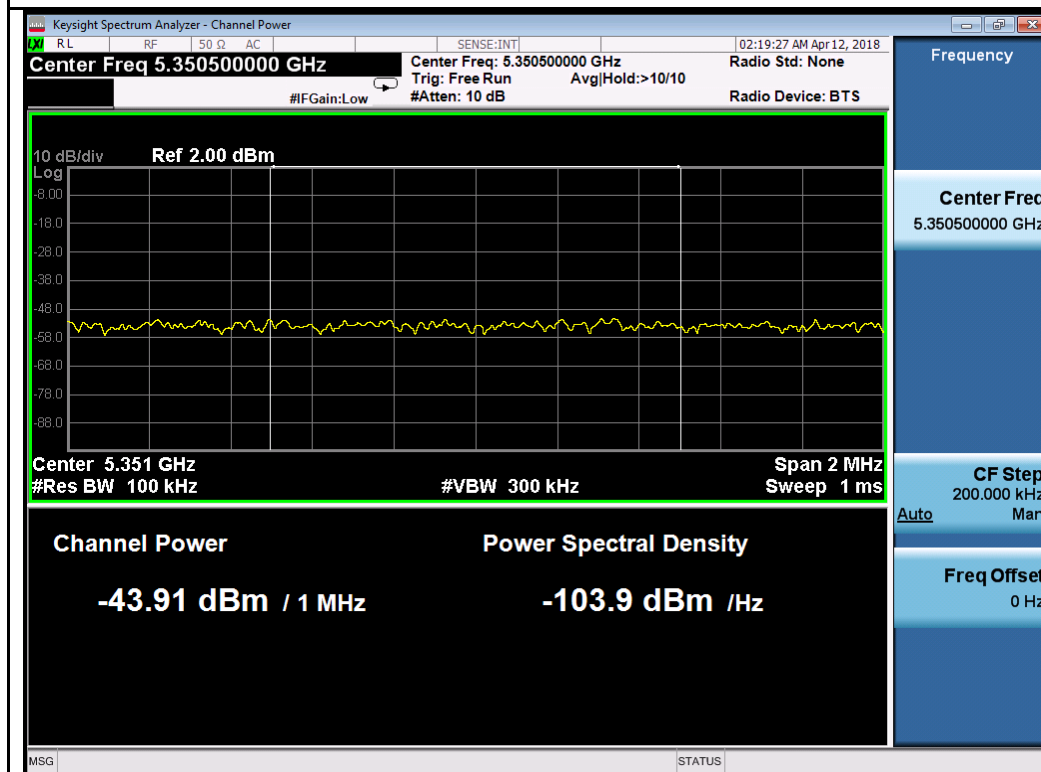
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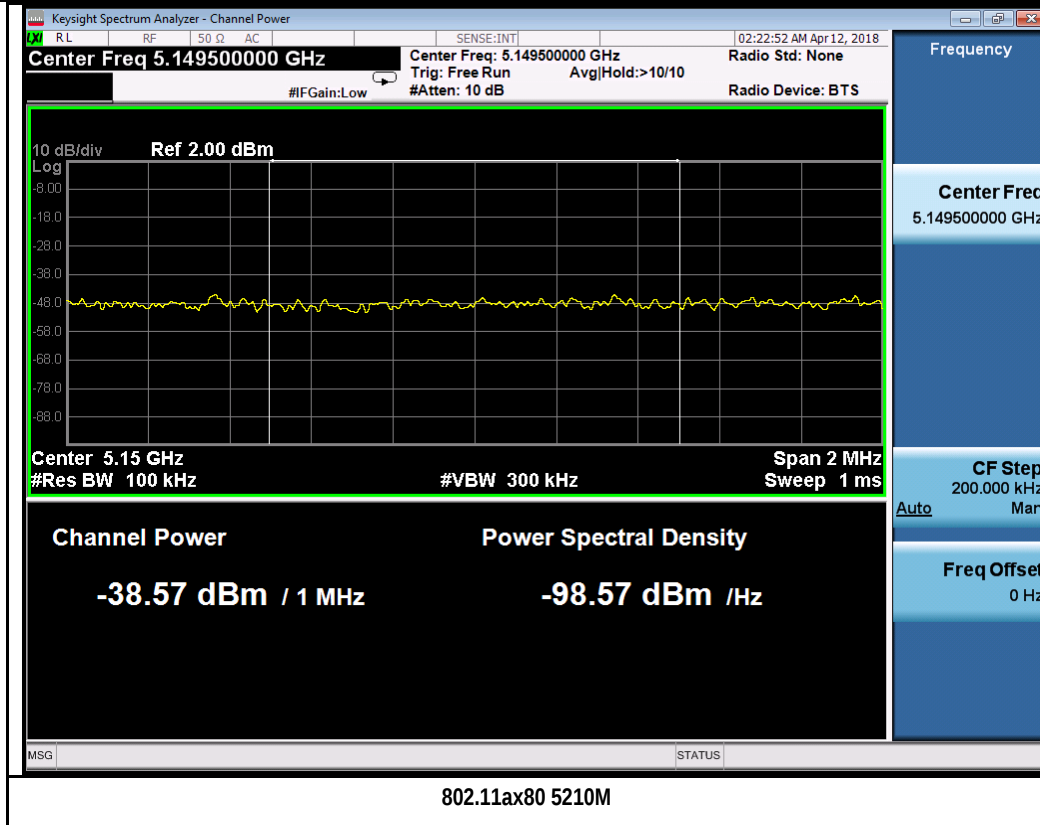




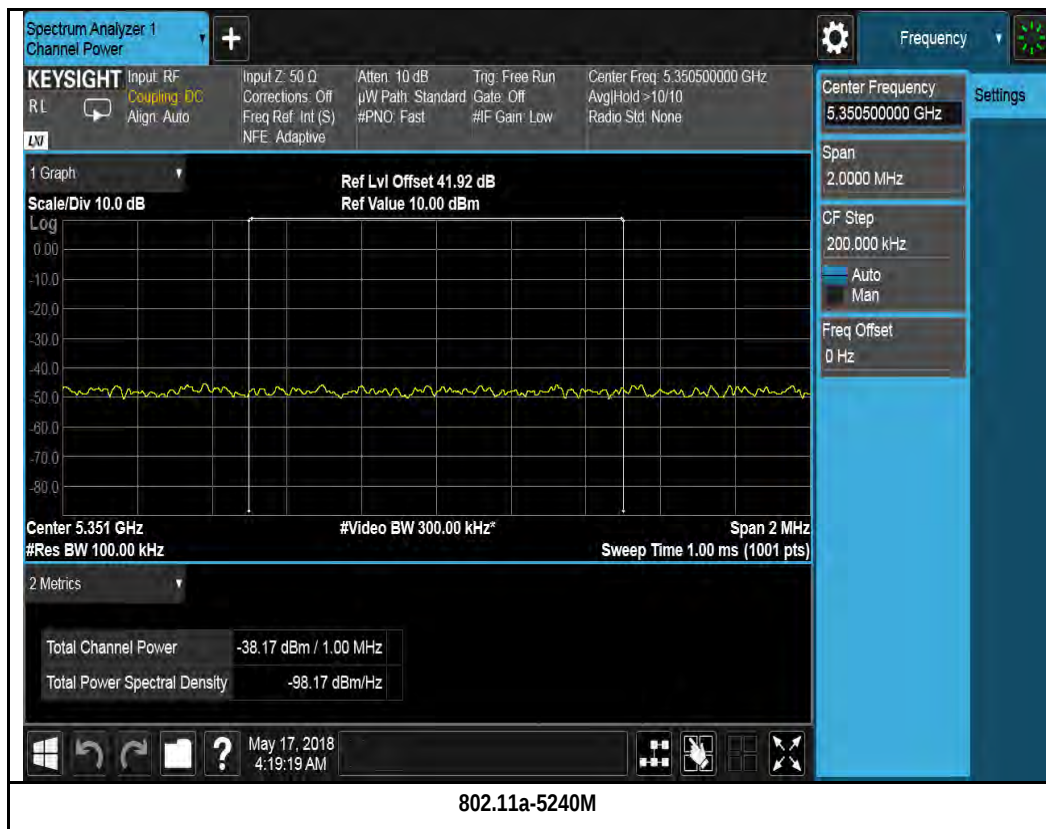
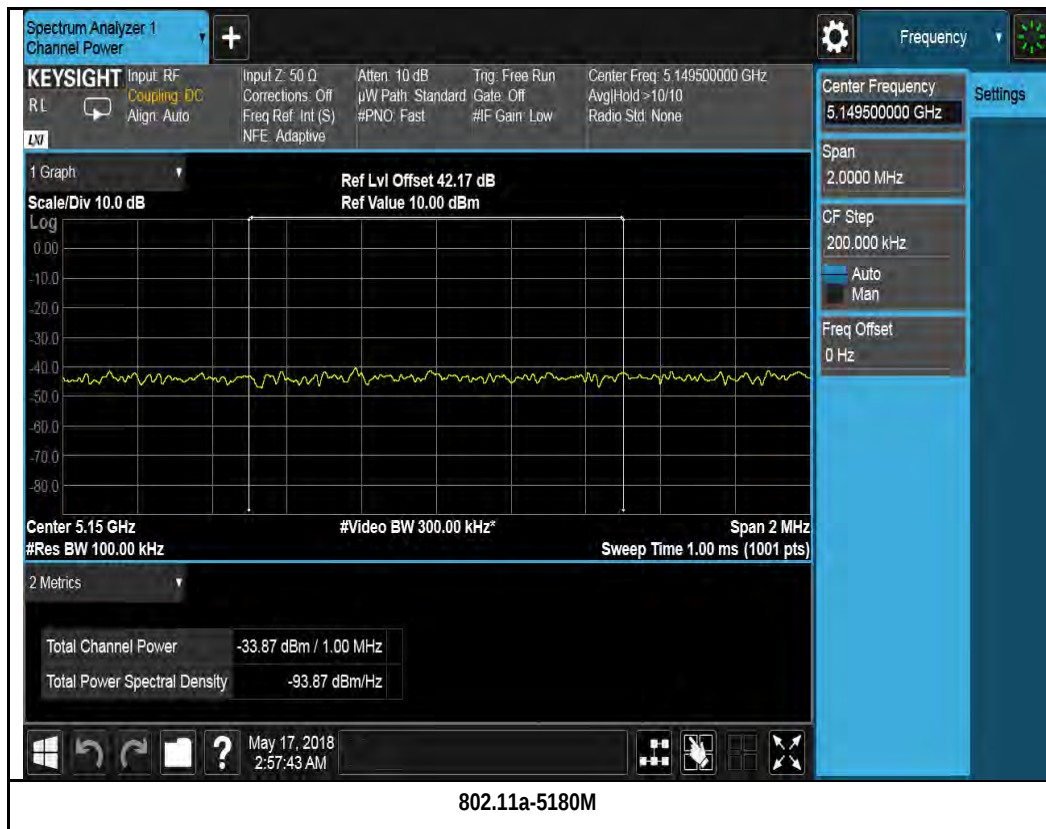
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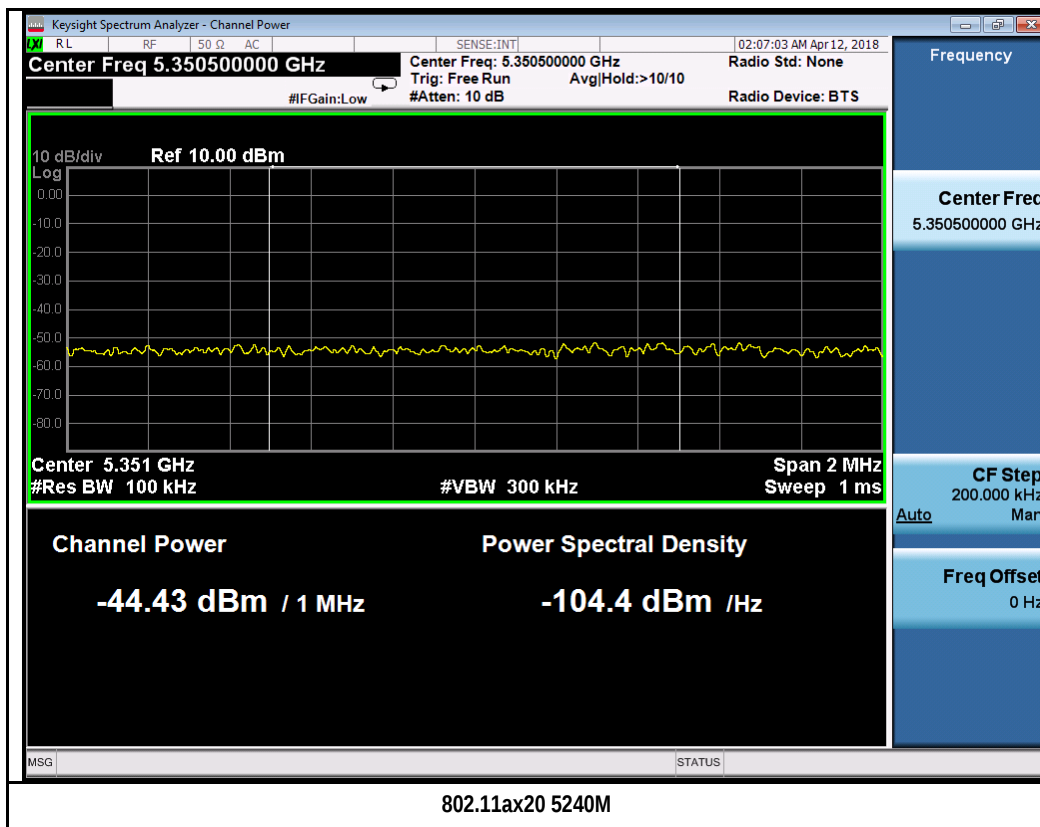
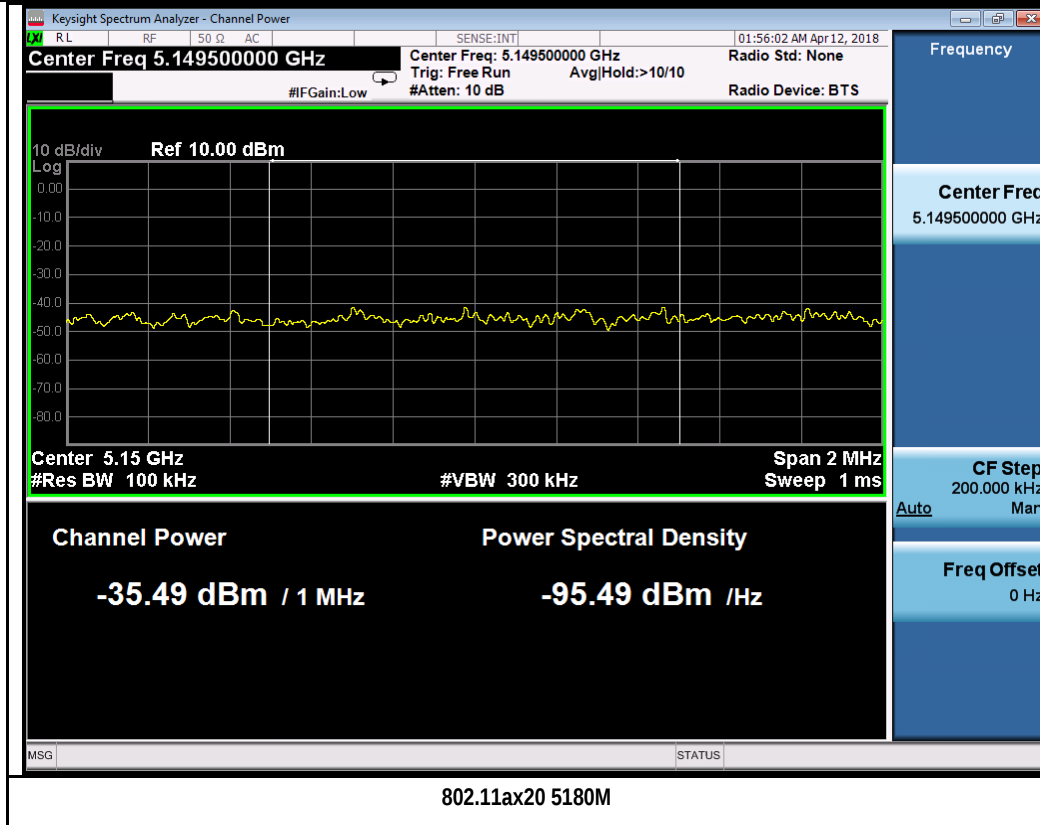


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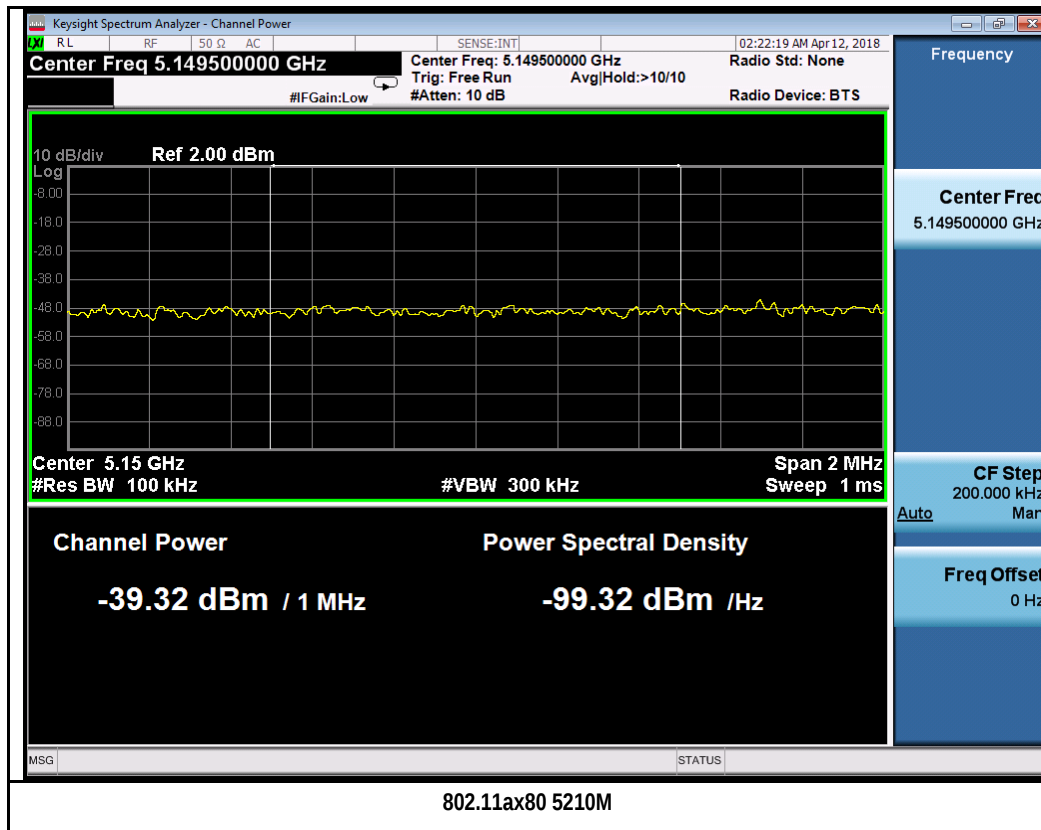


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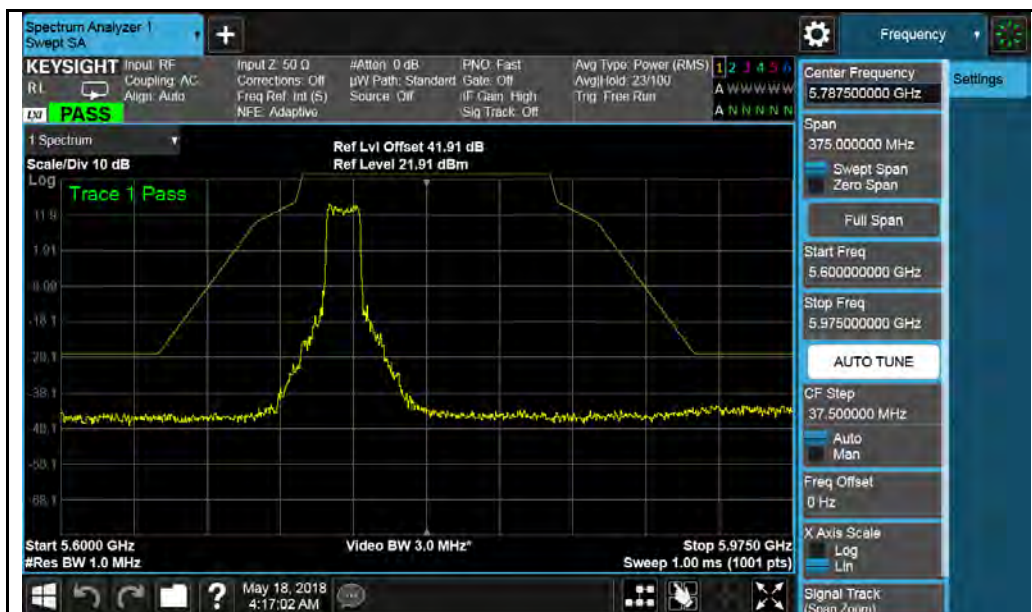




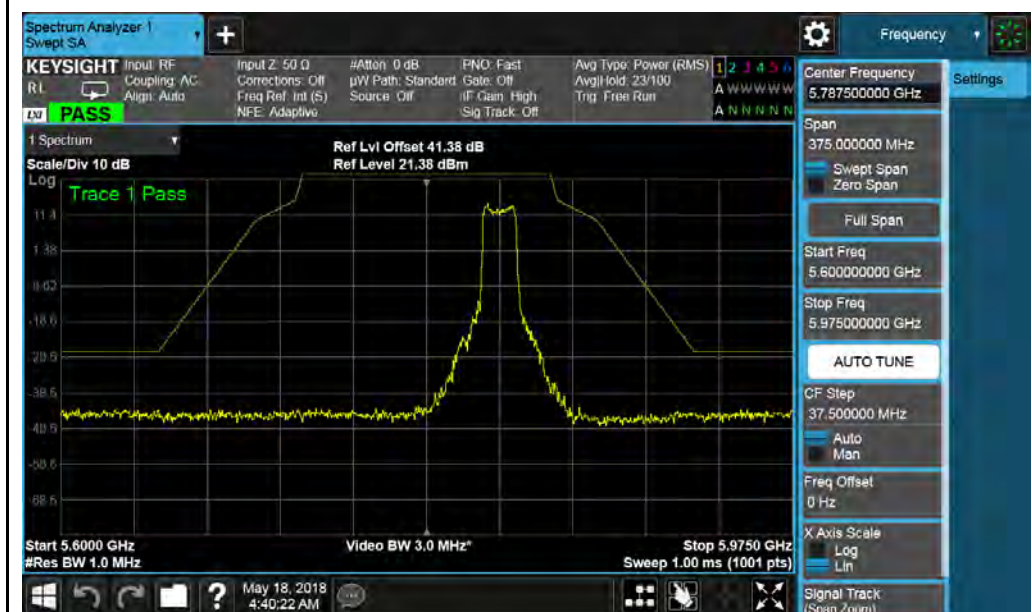


Test Plot for 8x8 mode W58:

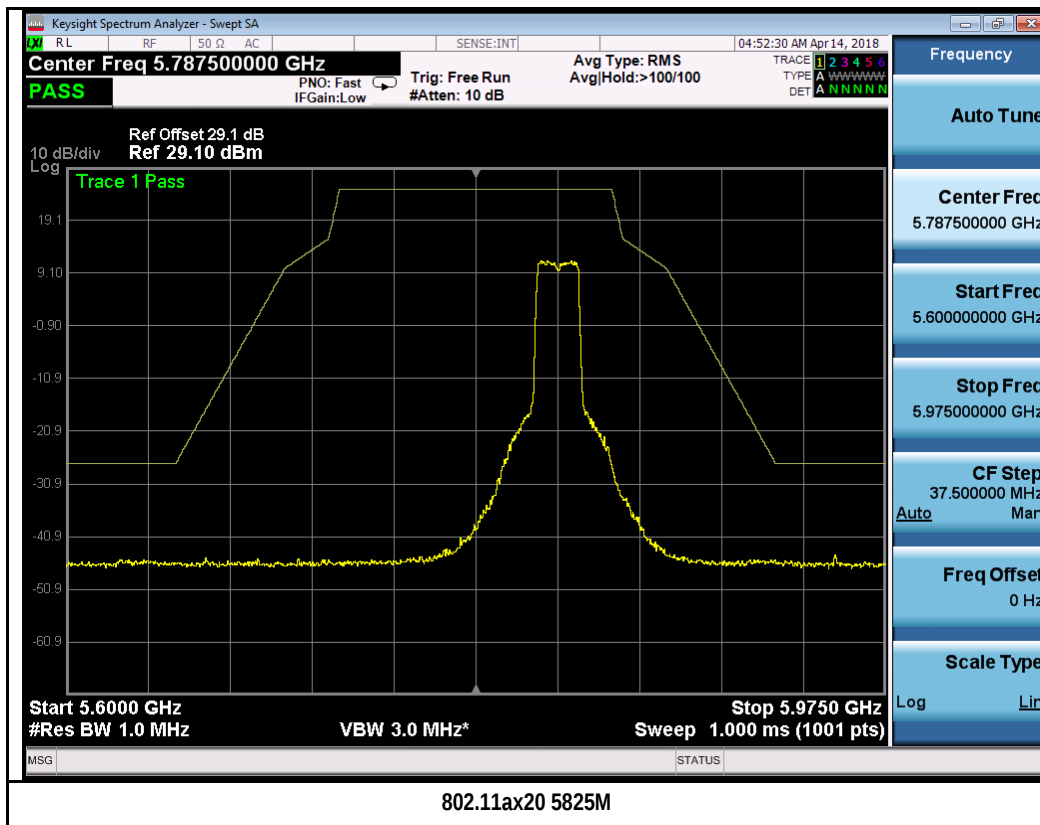
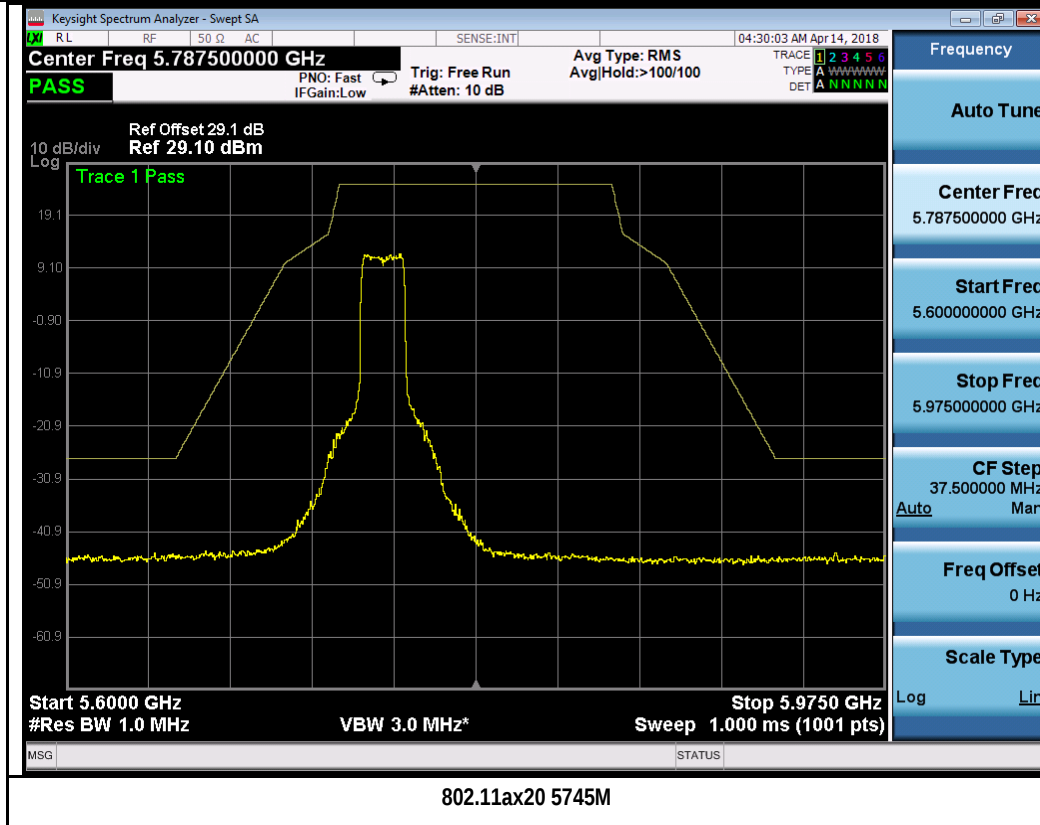
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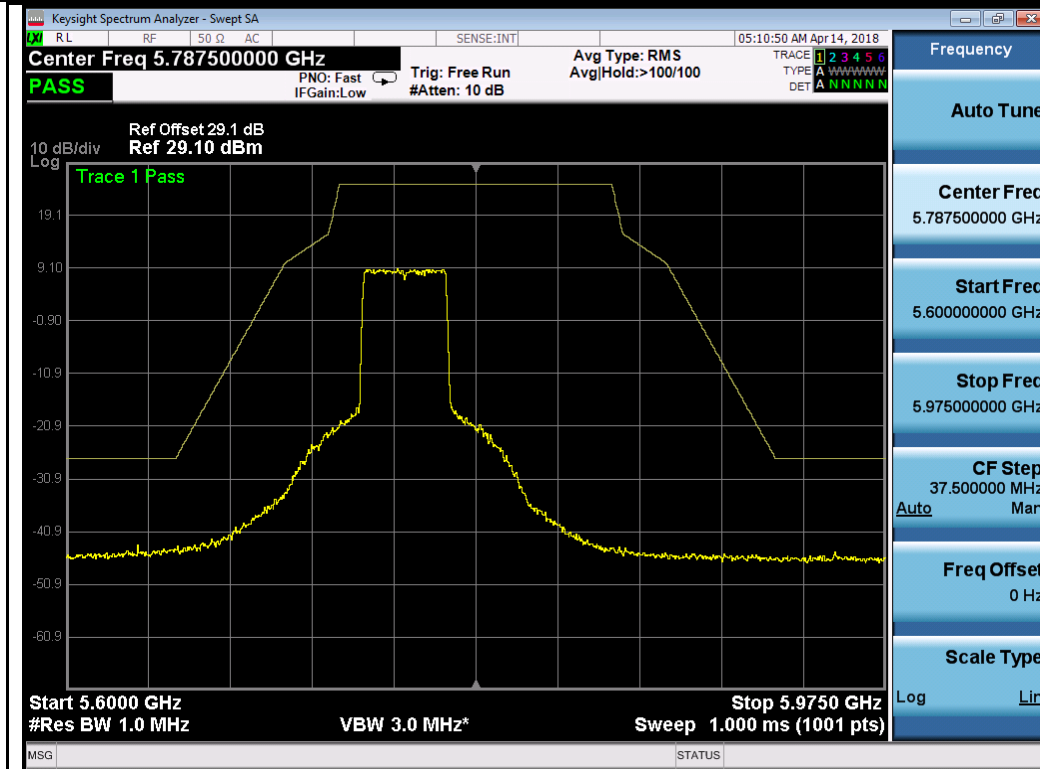


802.11a-5745M

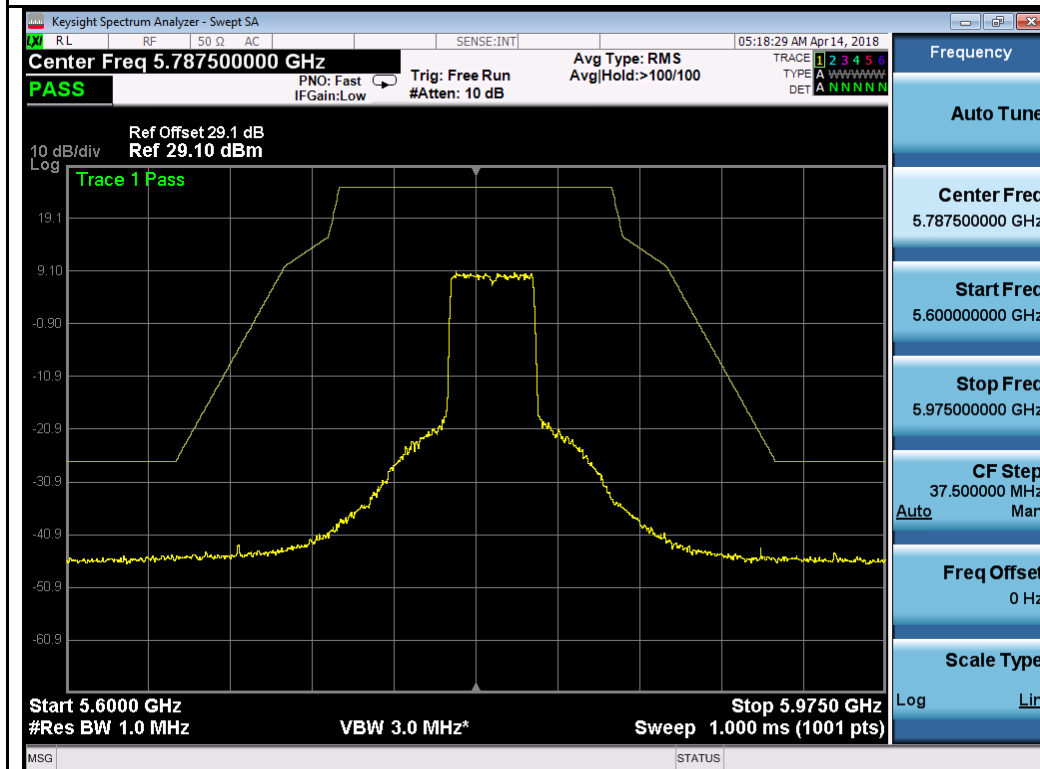


802.11a-5825M

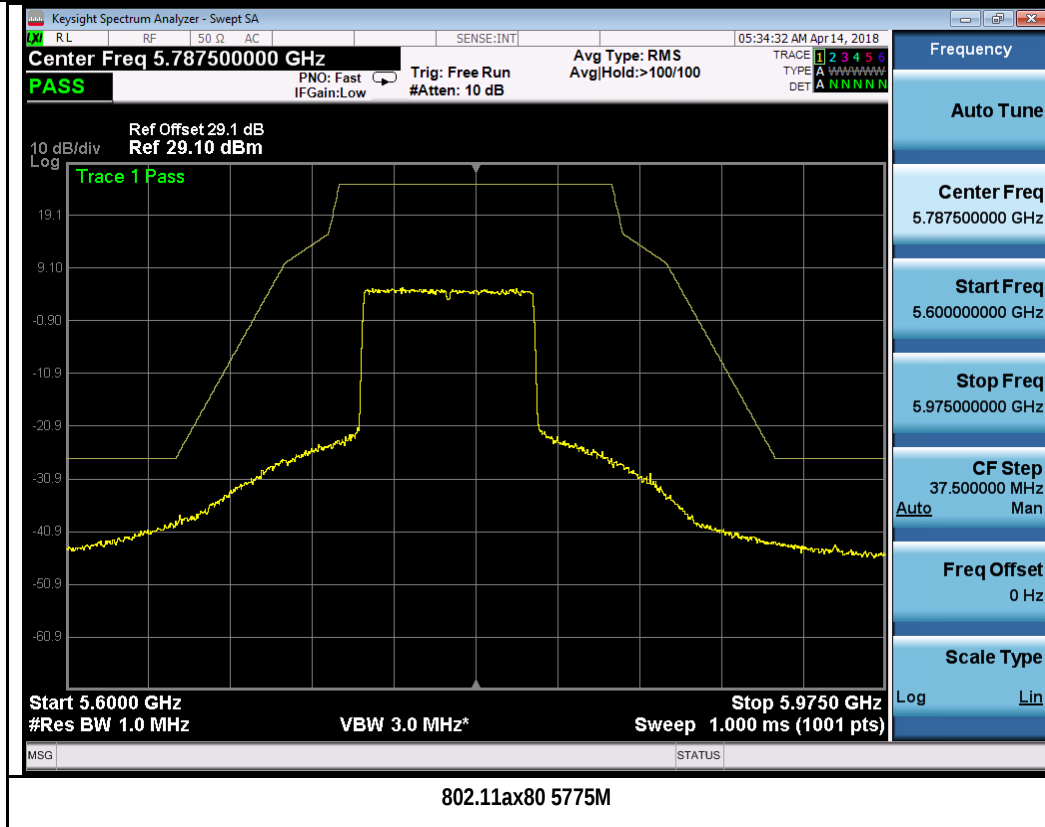




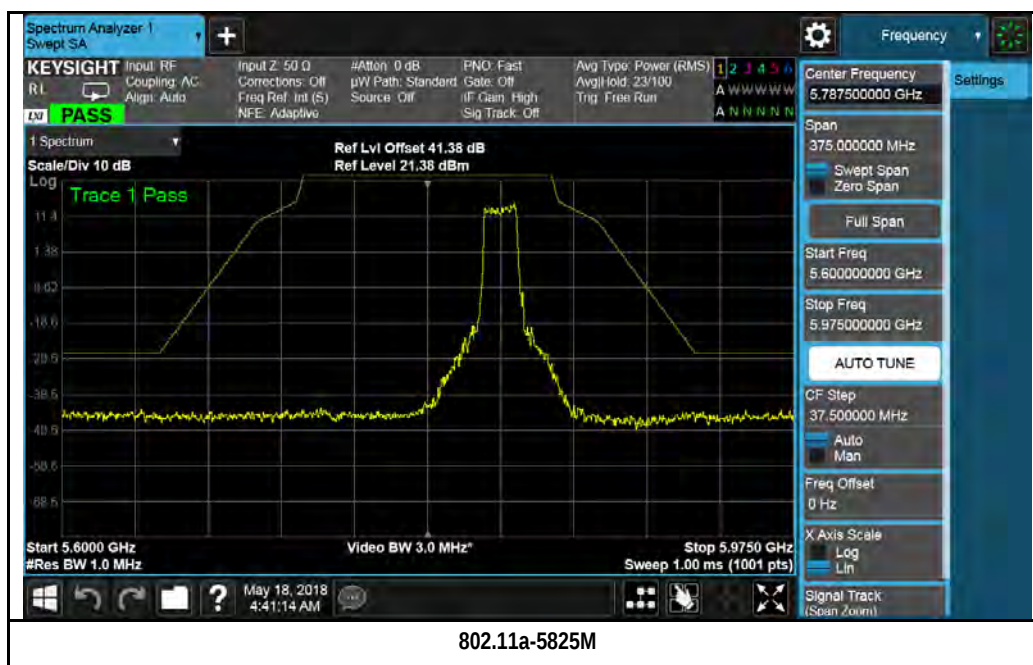
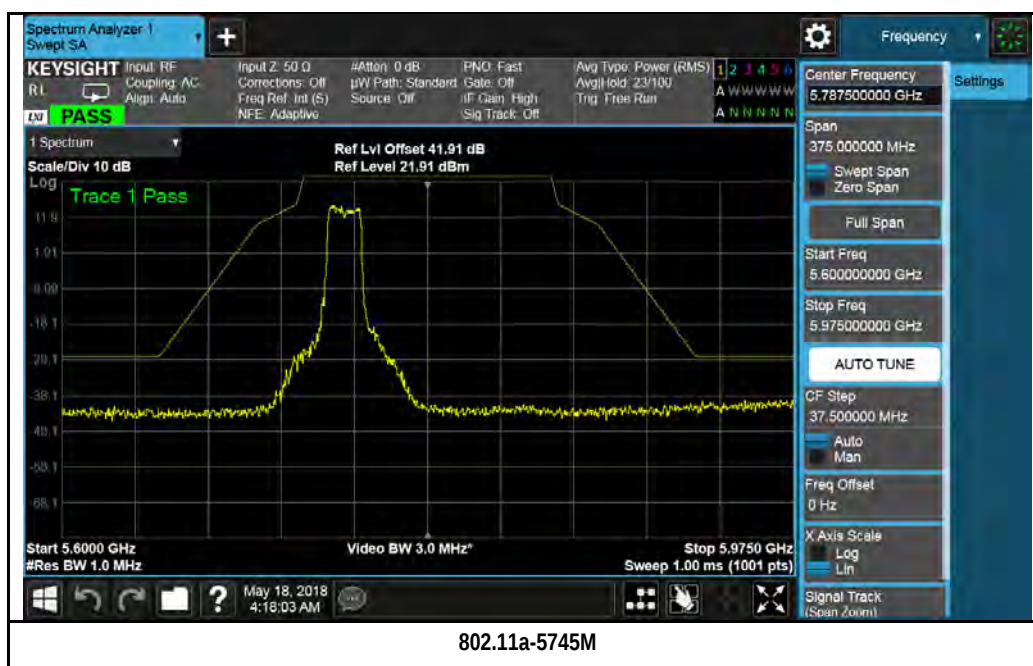
802.11ax40 5755M

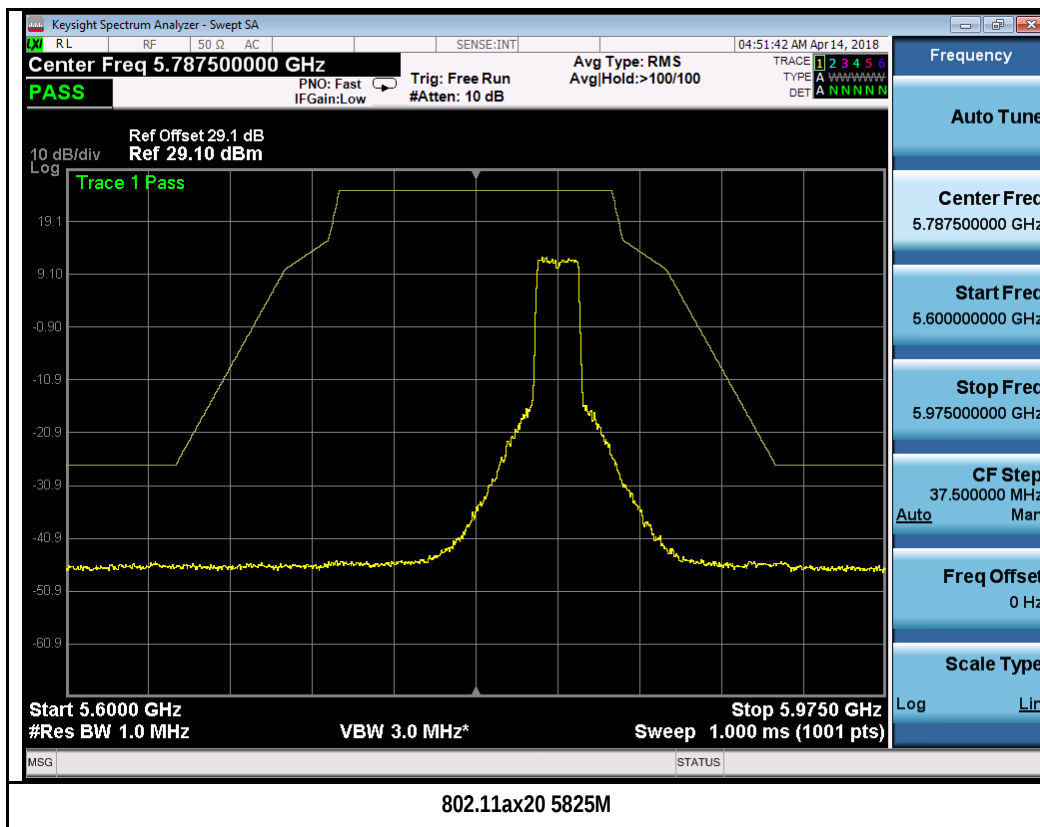
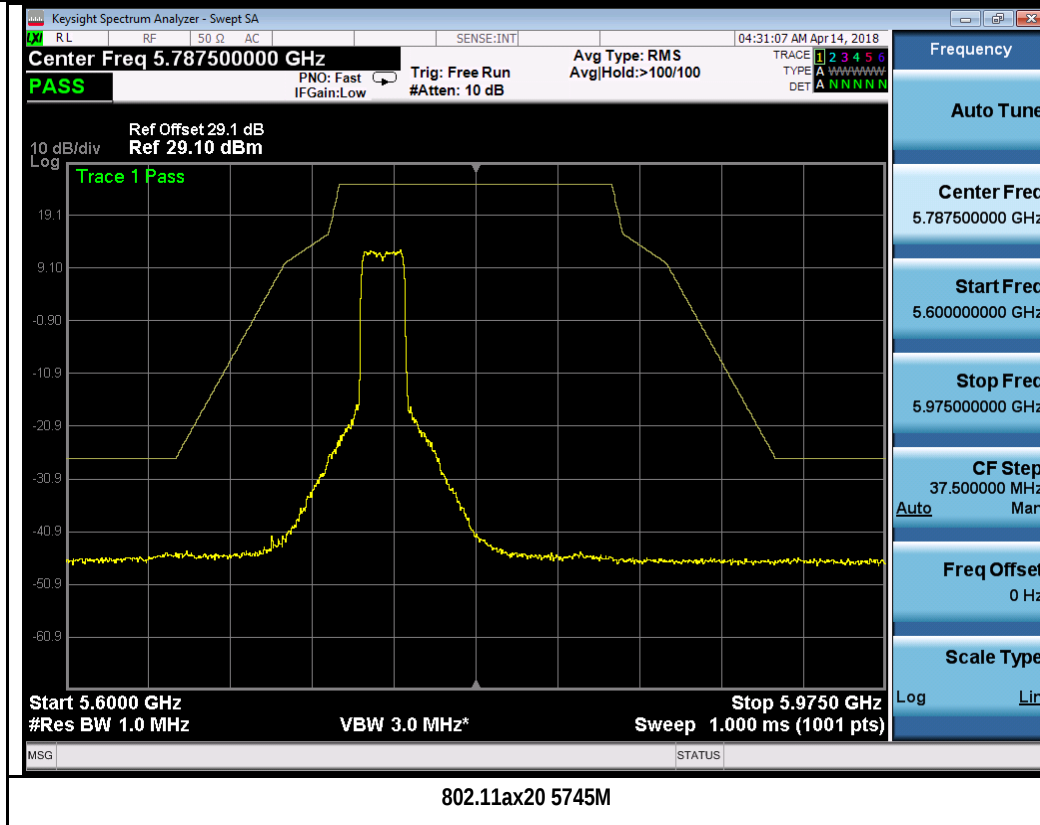


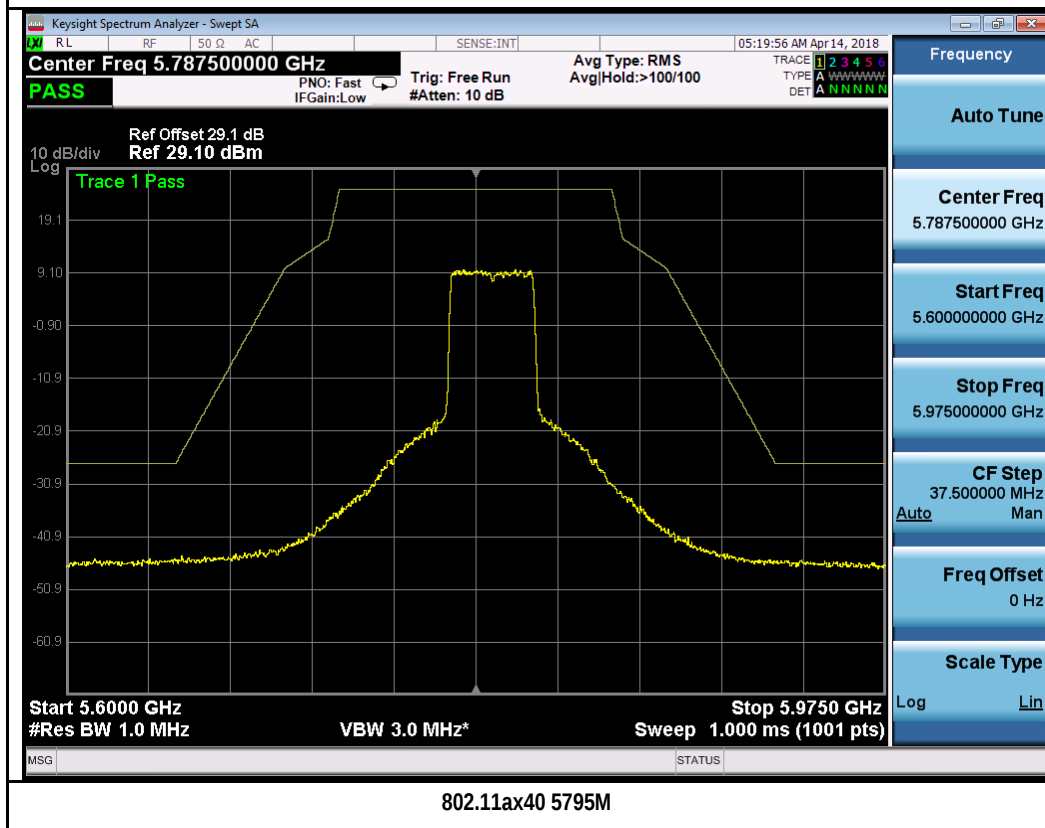
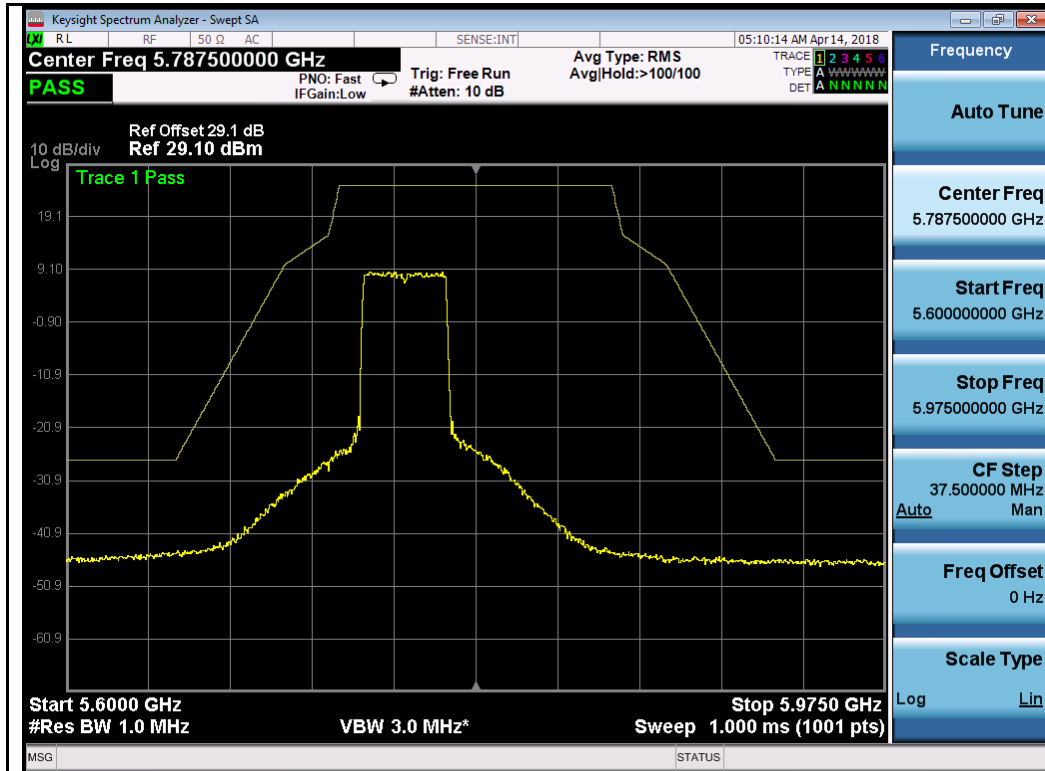
802.11ax40 5795M

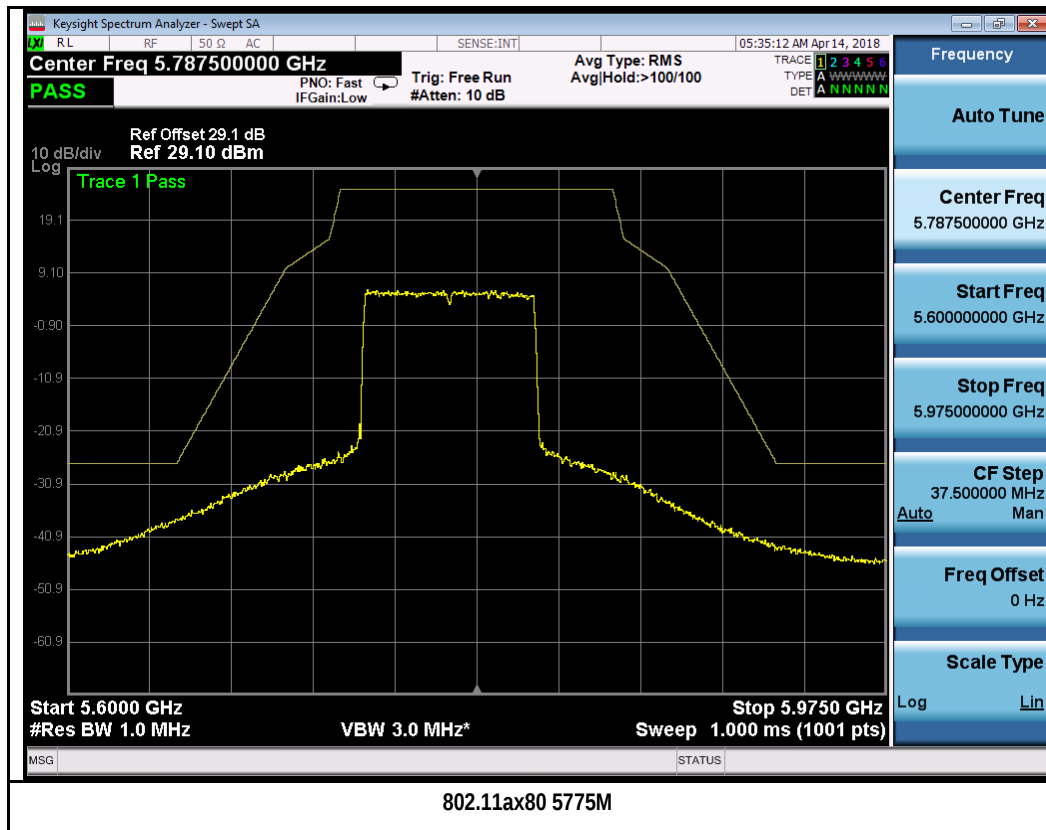


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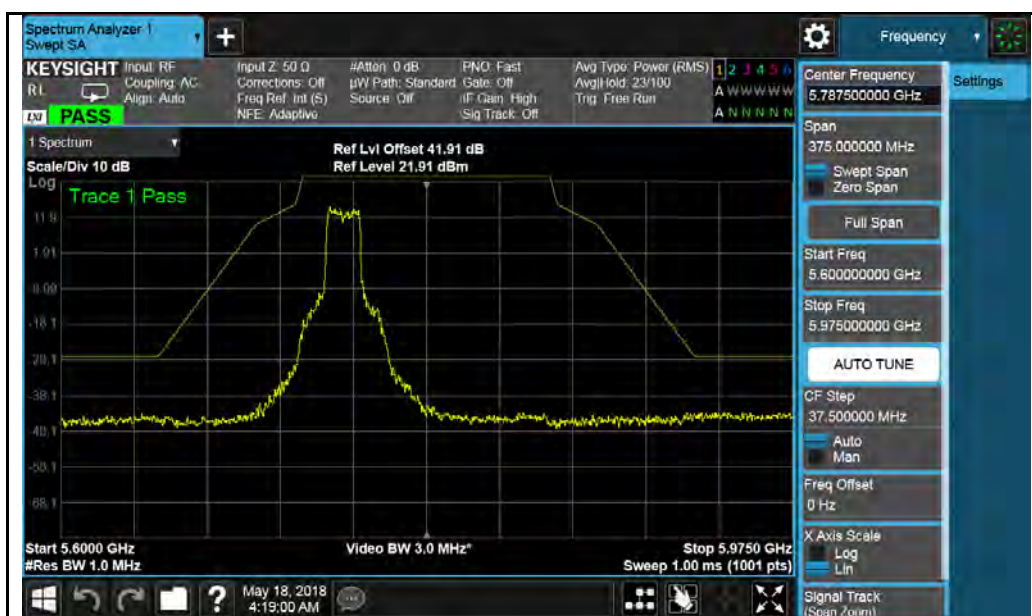




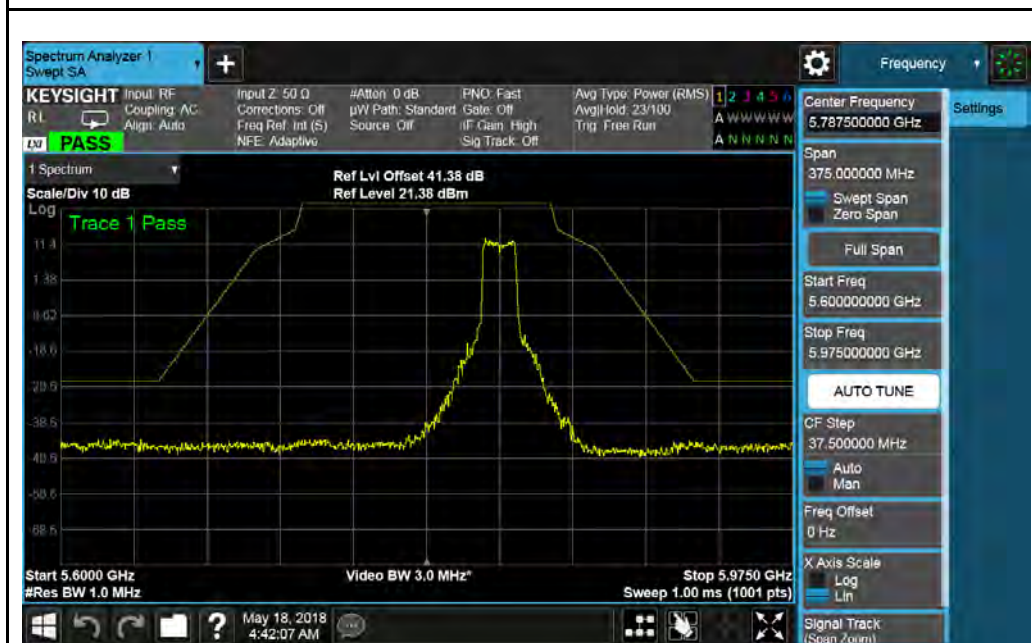




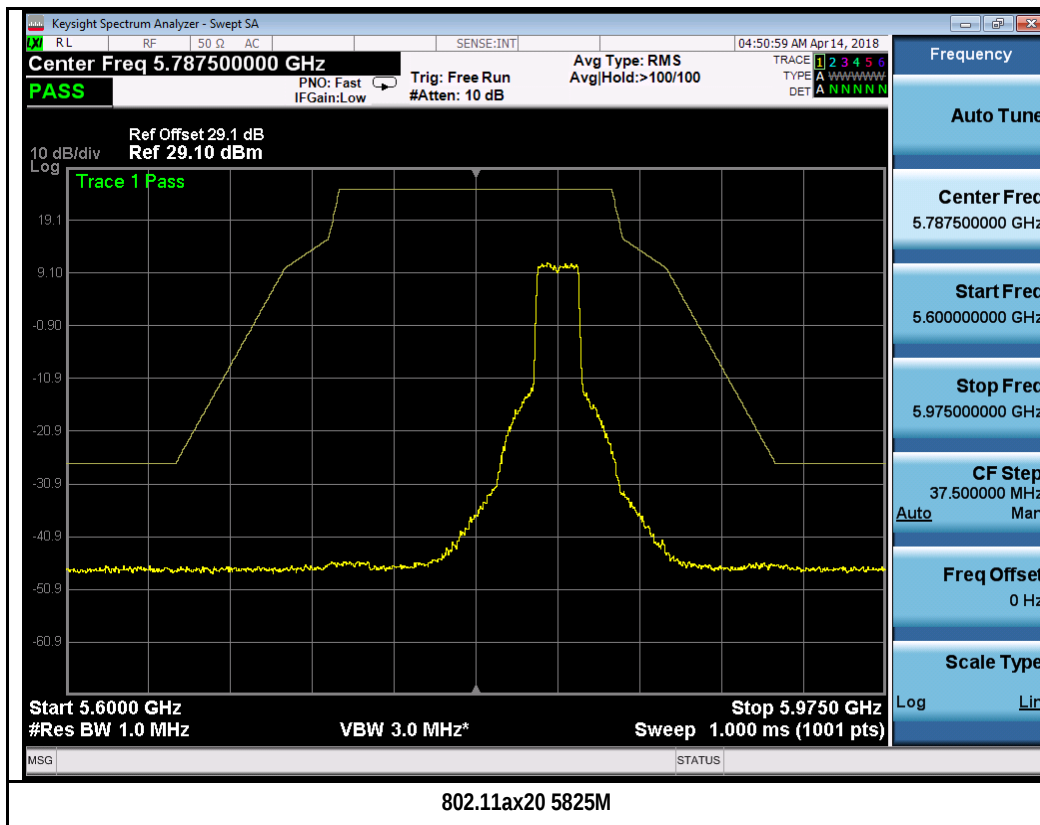
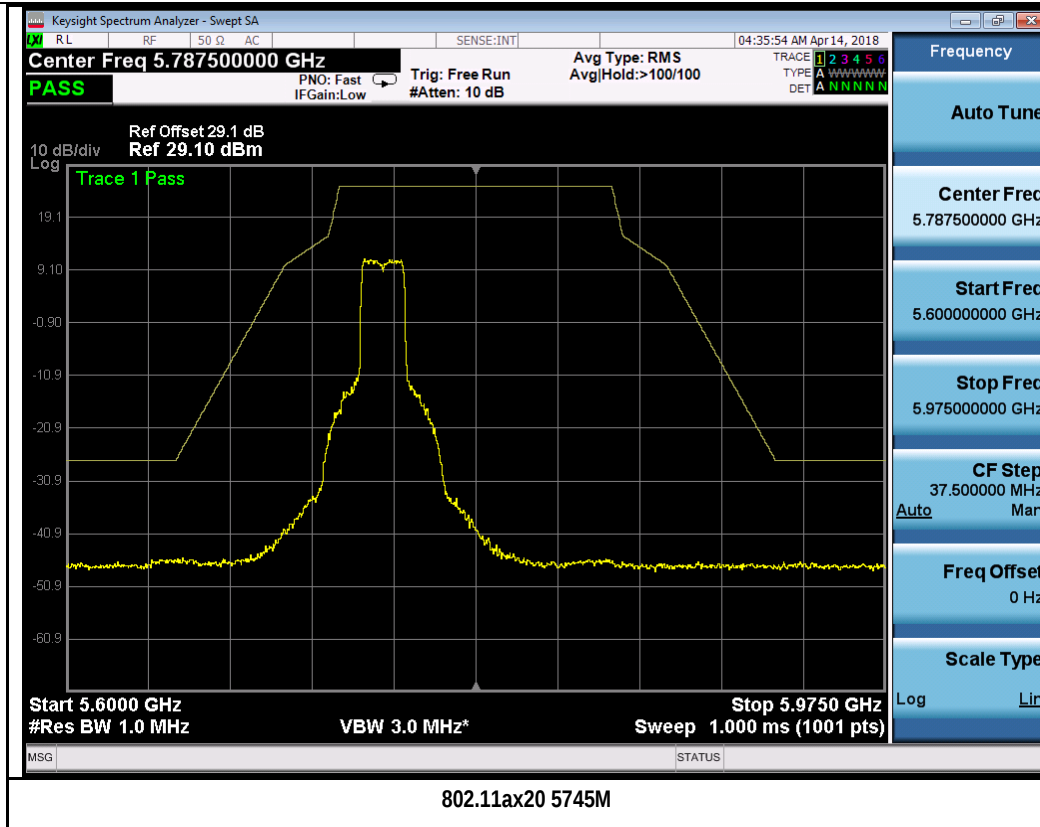
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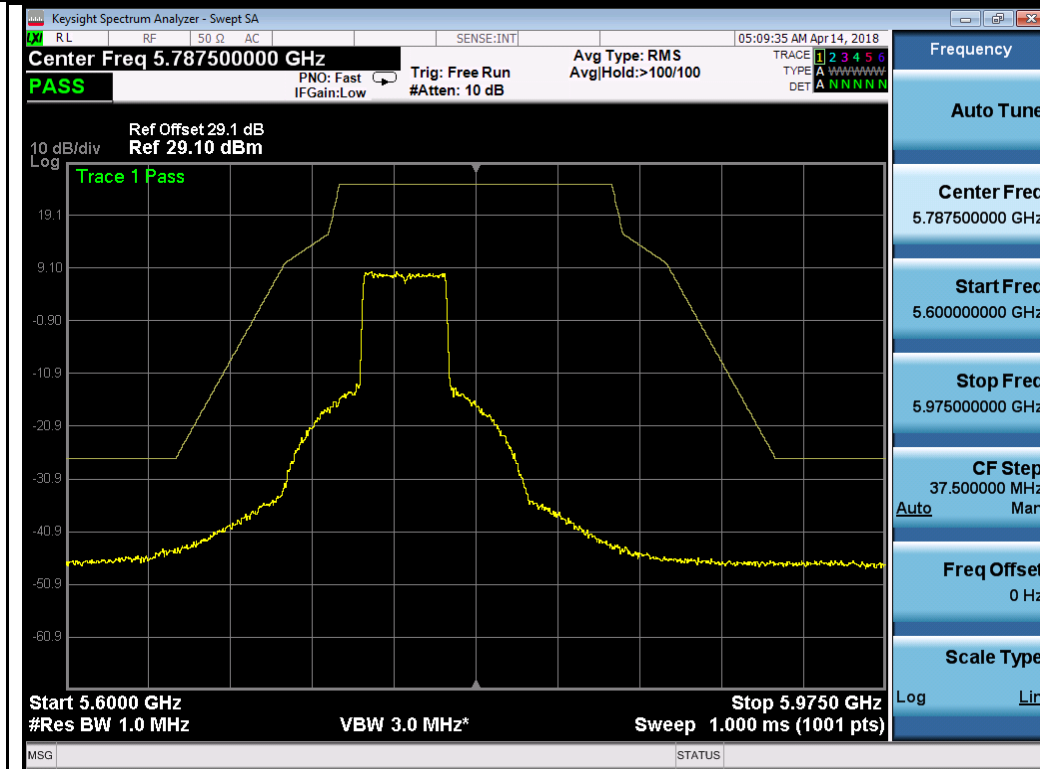


802.11a-5745M

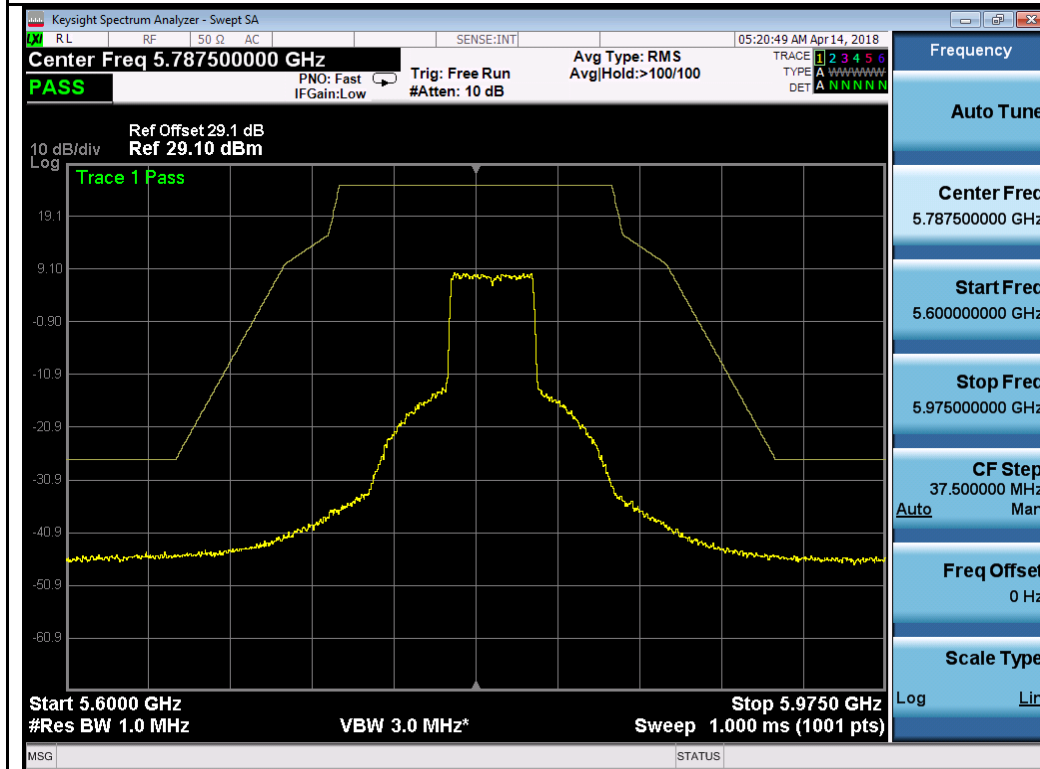


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