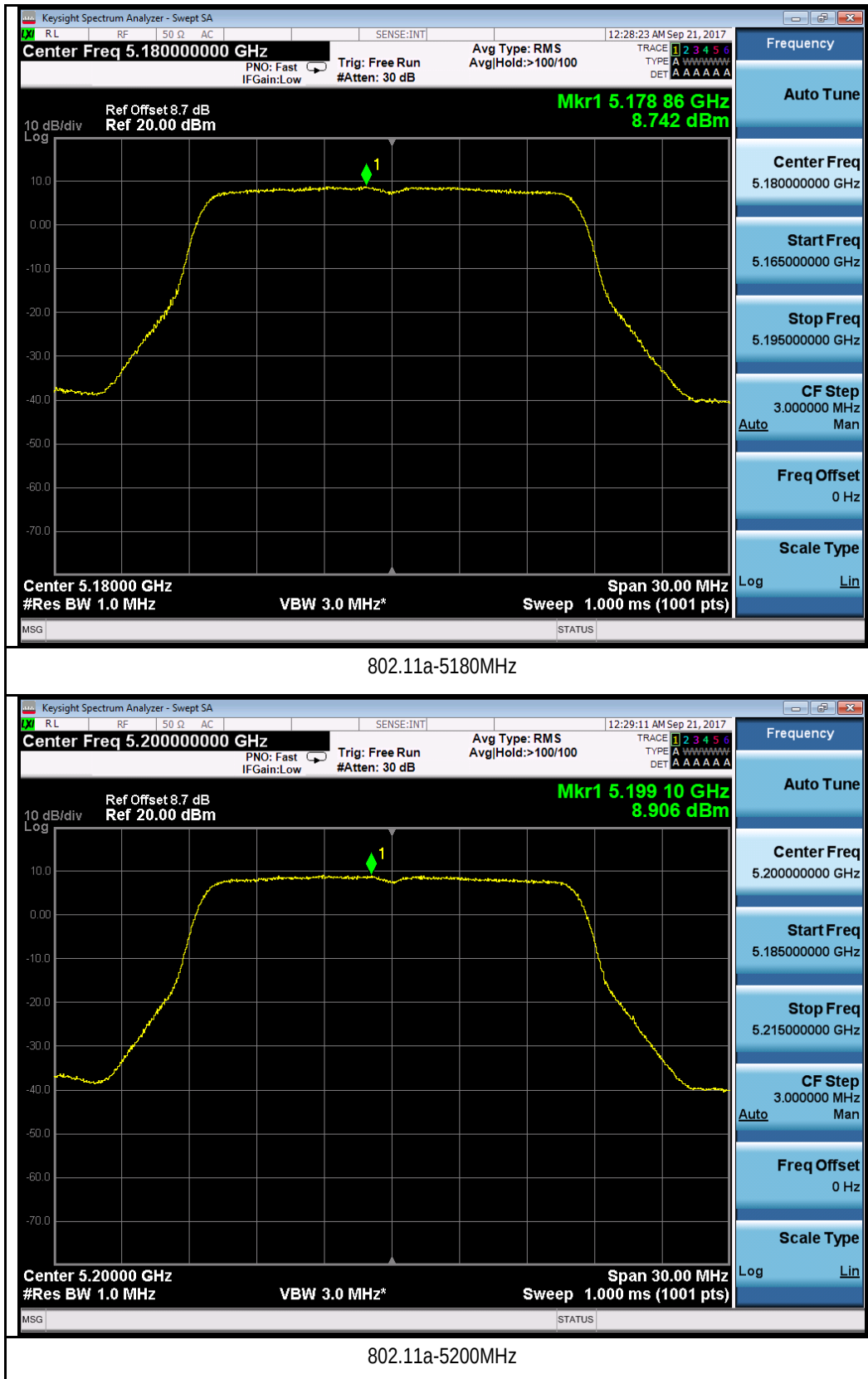
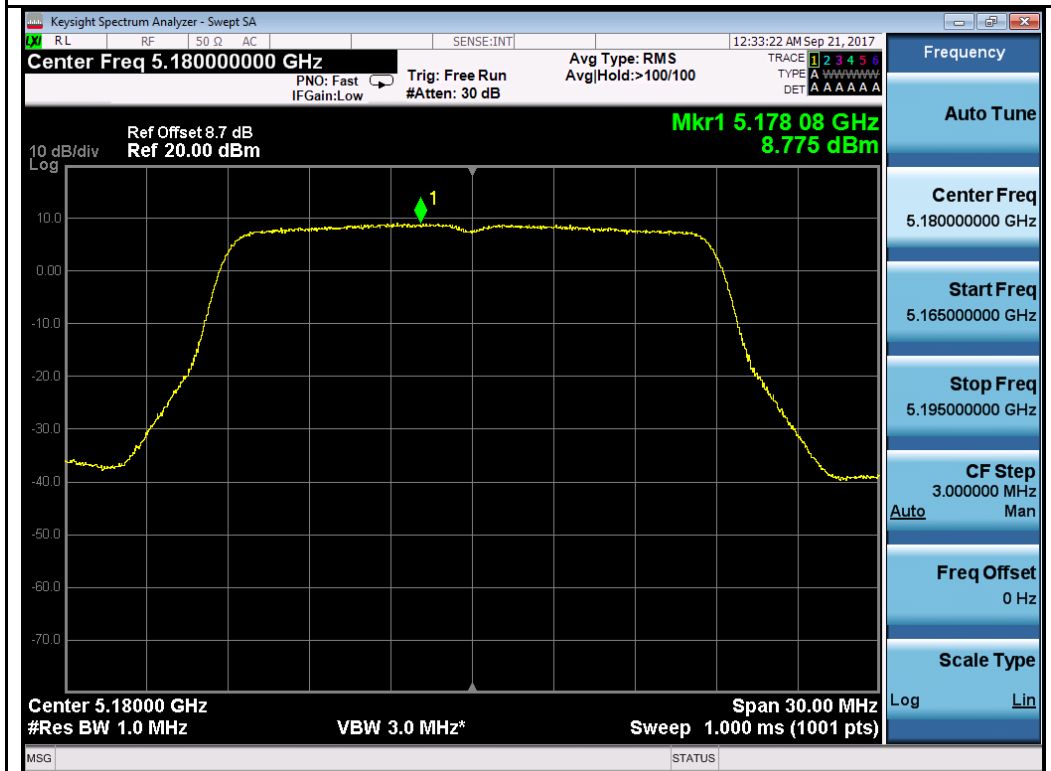


Chain 1:

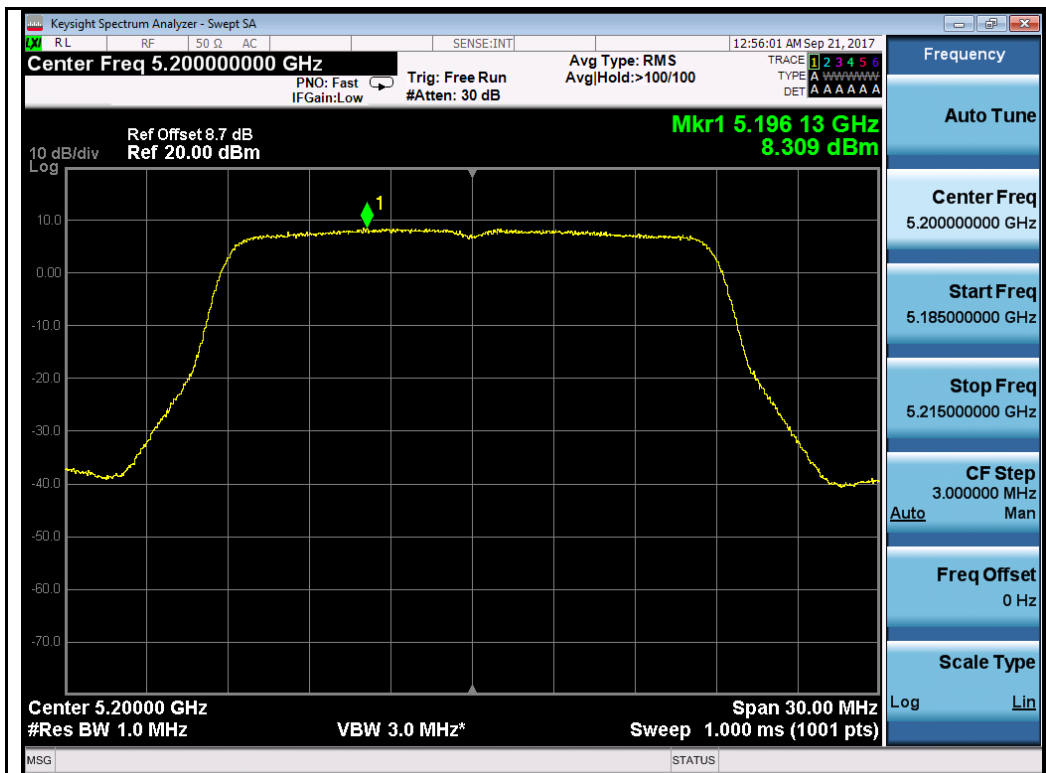




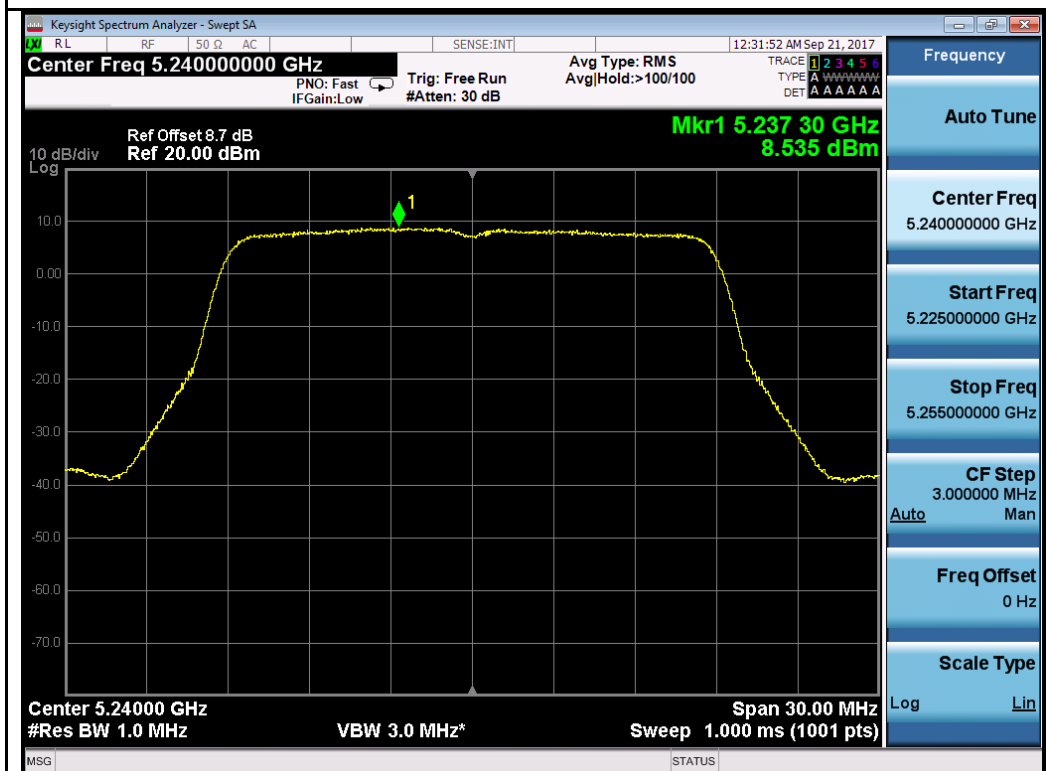
802.11a-5240MHz



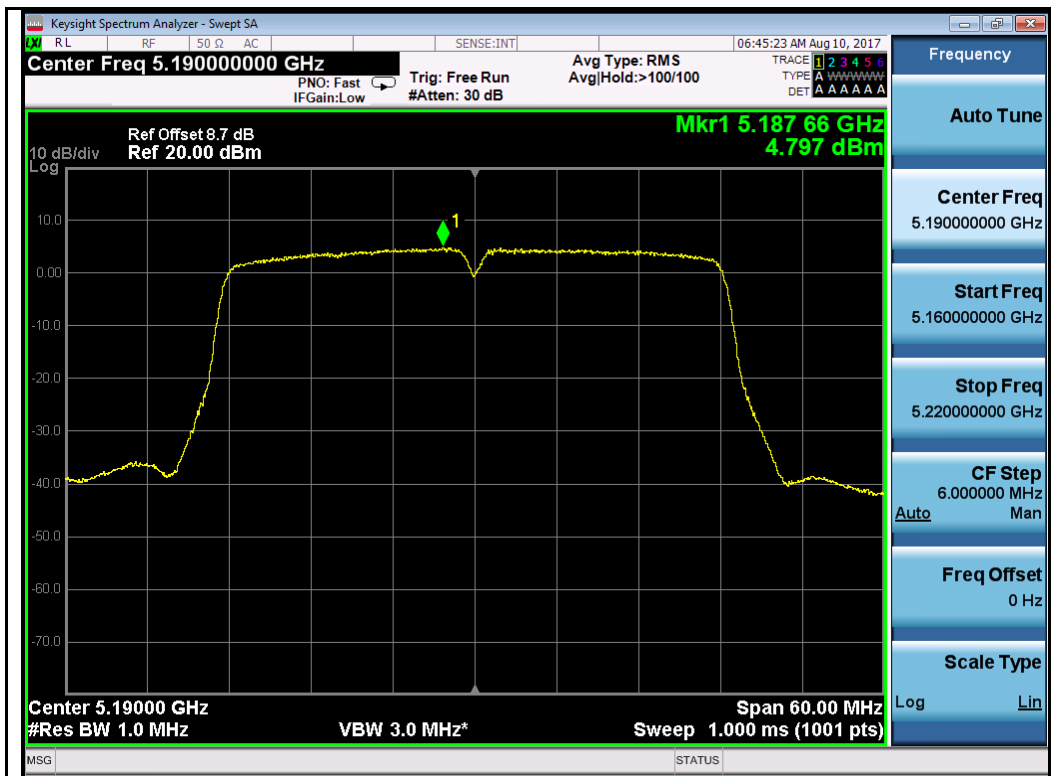
802.11n-HT20-5180MHz



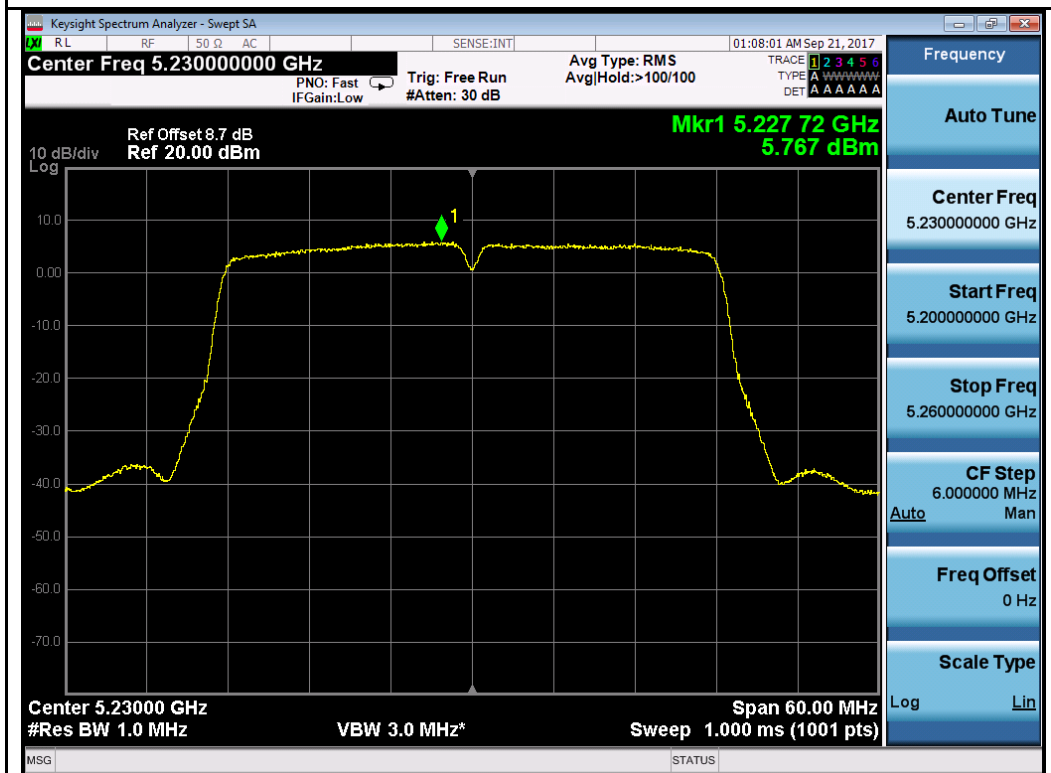
802.11n-HT20-5200MHz



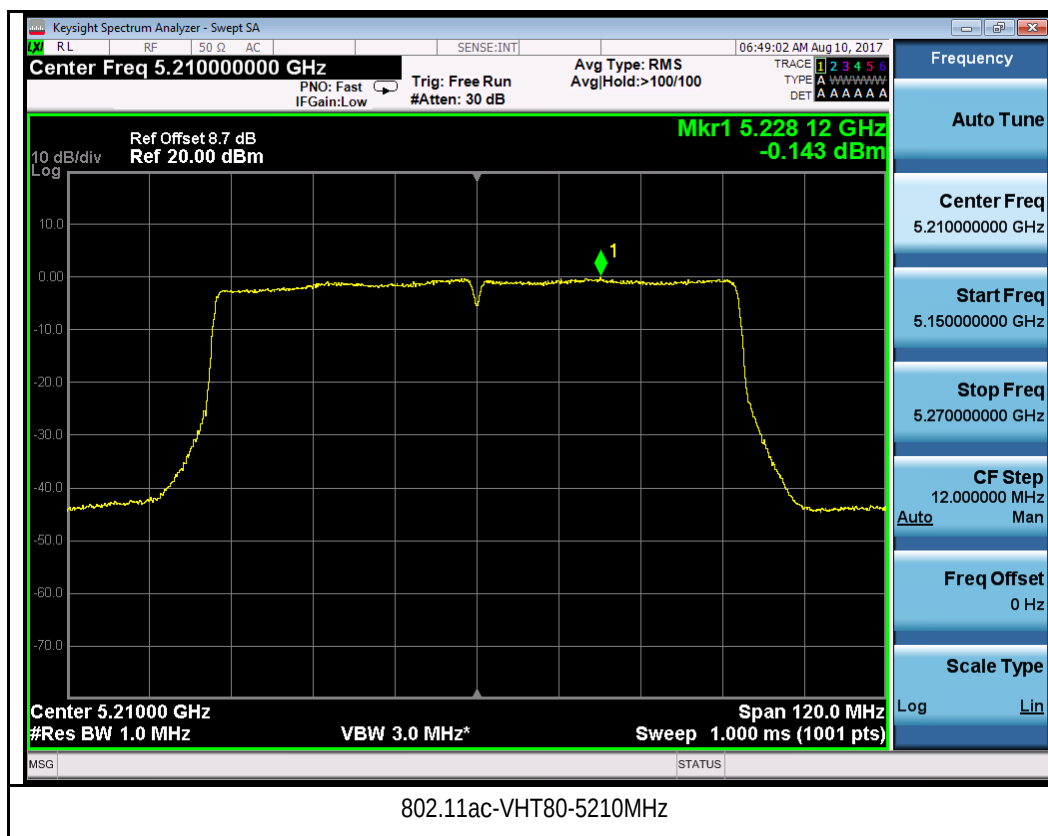
802.11n-HT20-5240MHz



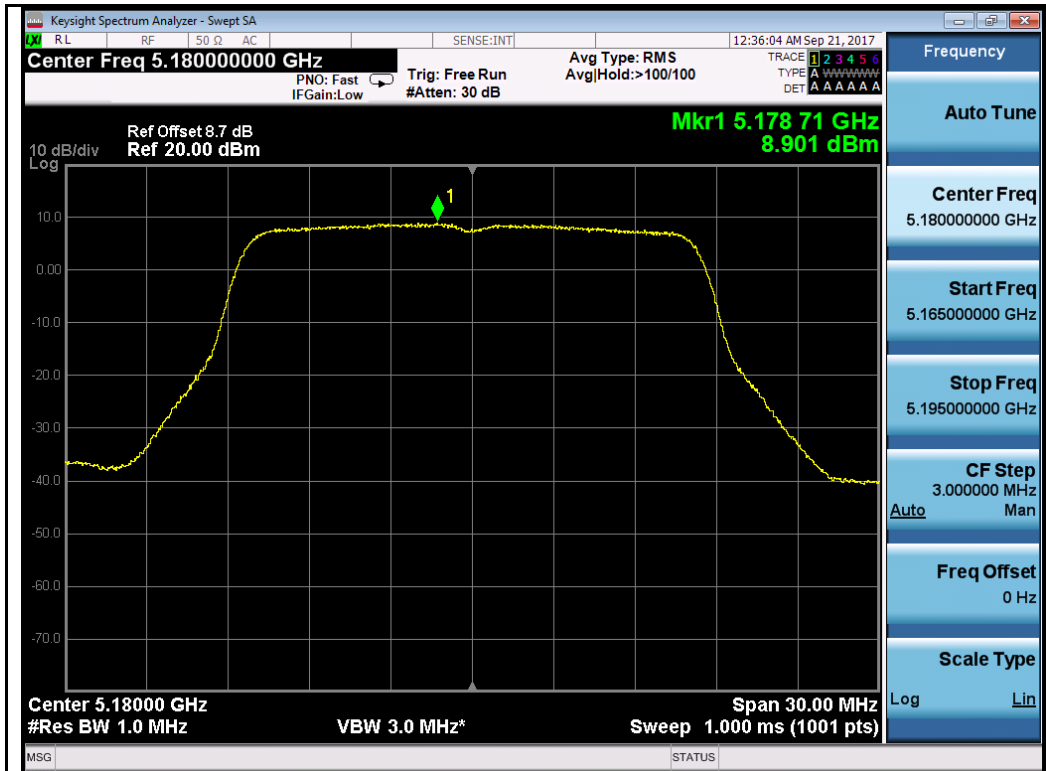
802.11n-HT40-5190MHz



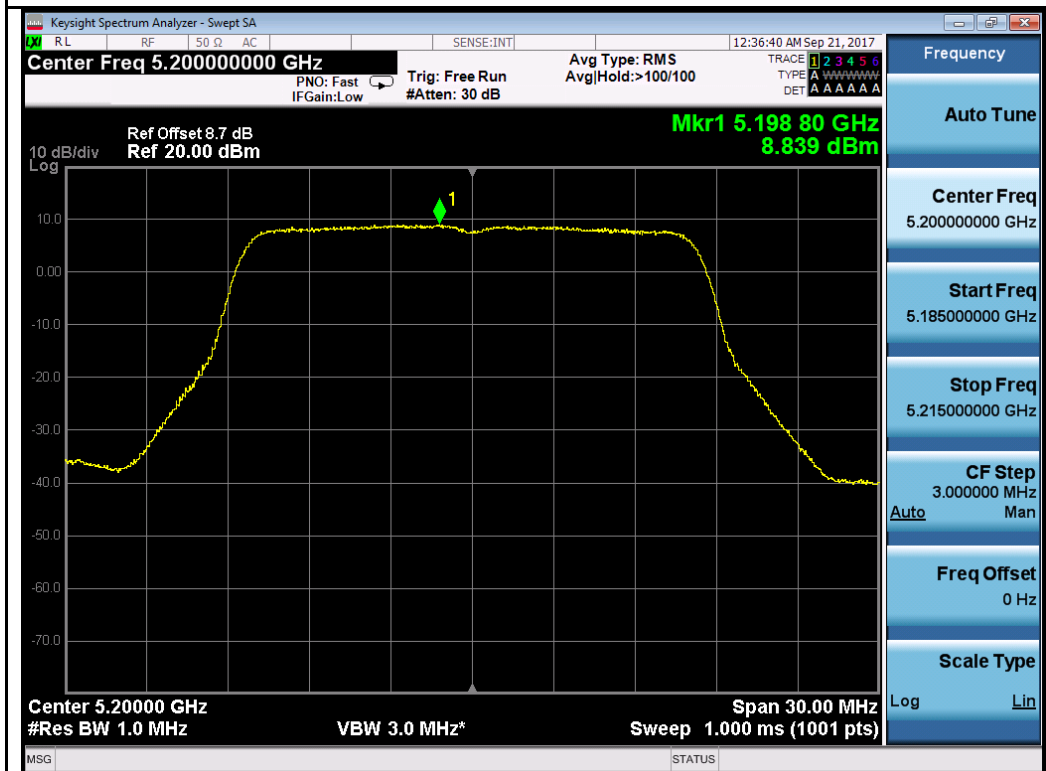
802.11n-HT40-5230MHz



Chain 2:



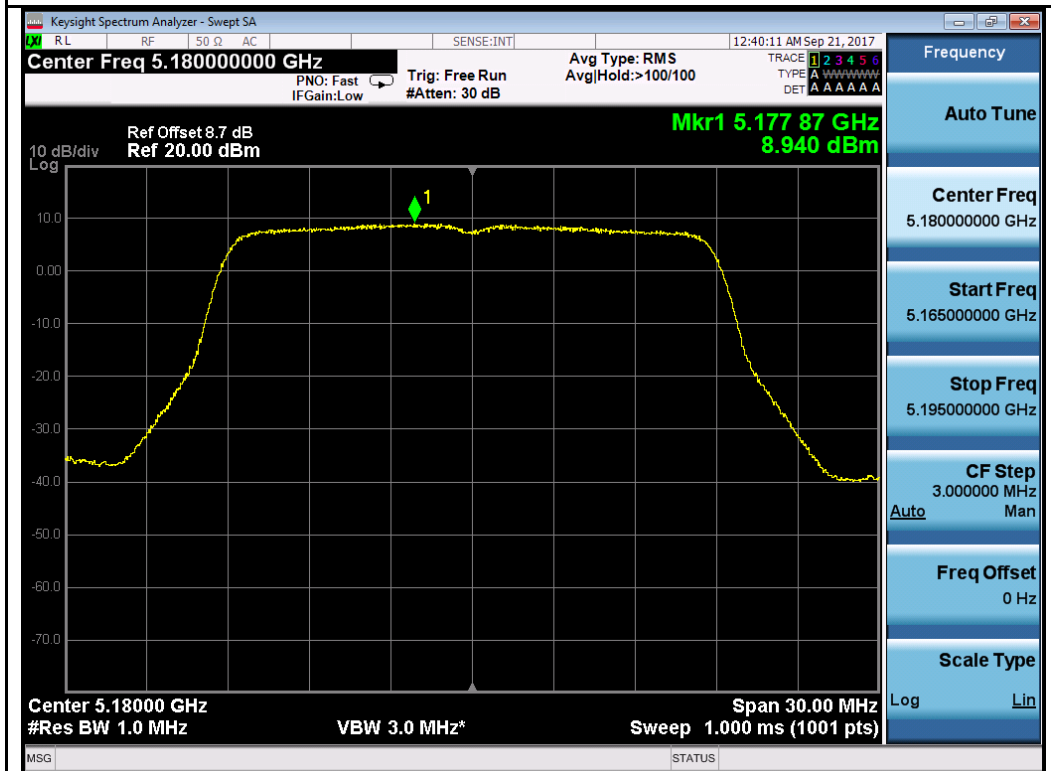
802.11a-5180MHz



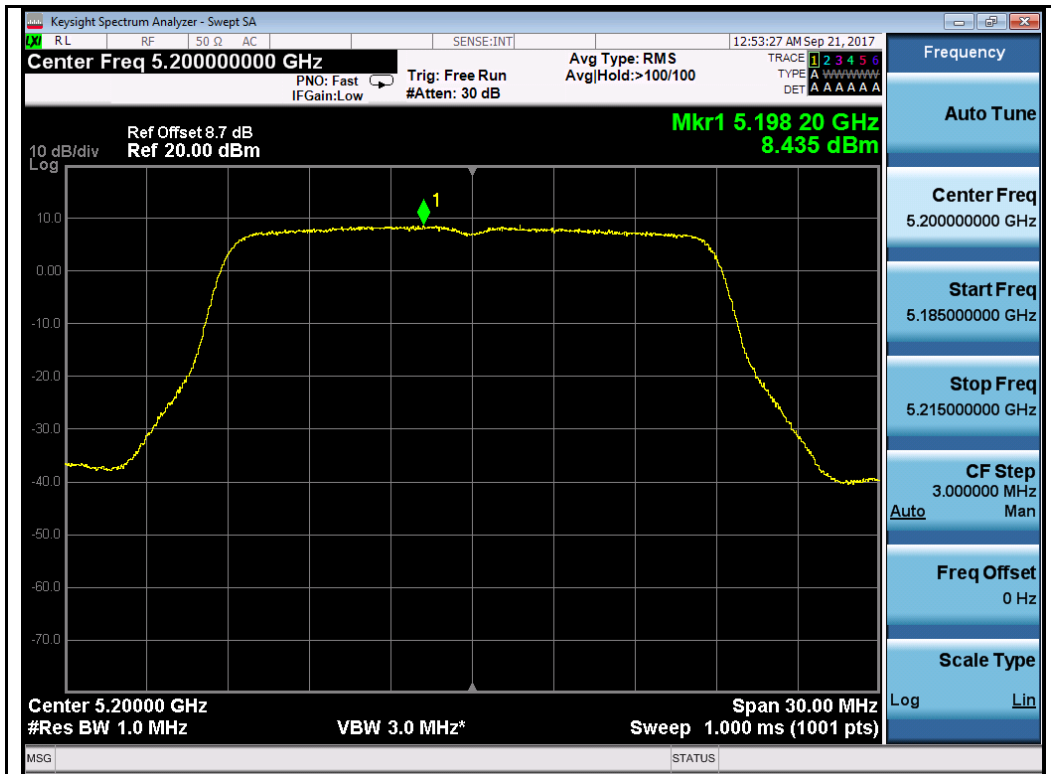
802.11a-5200MHz



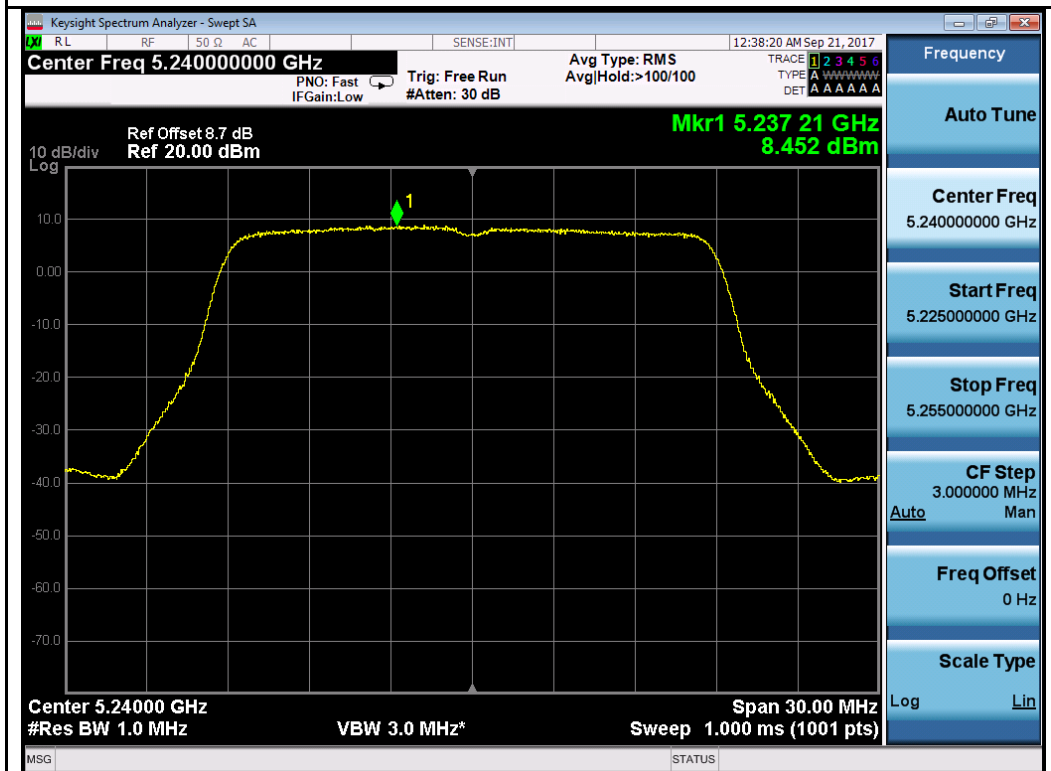
802.11a-5240MHz



802.11n-HT20-5180MHz



802.11n-HT20-5200MHz

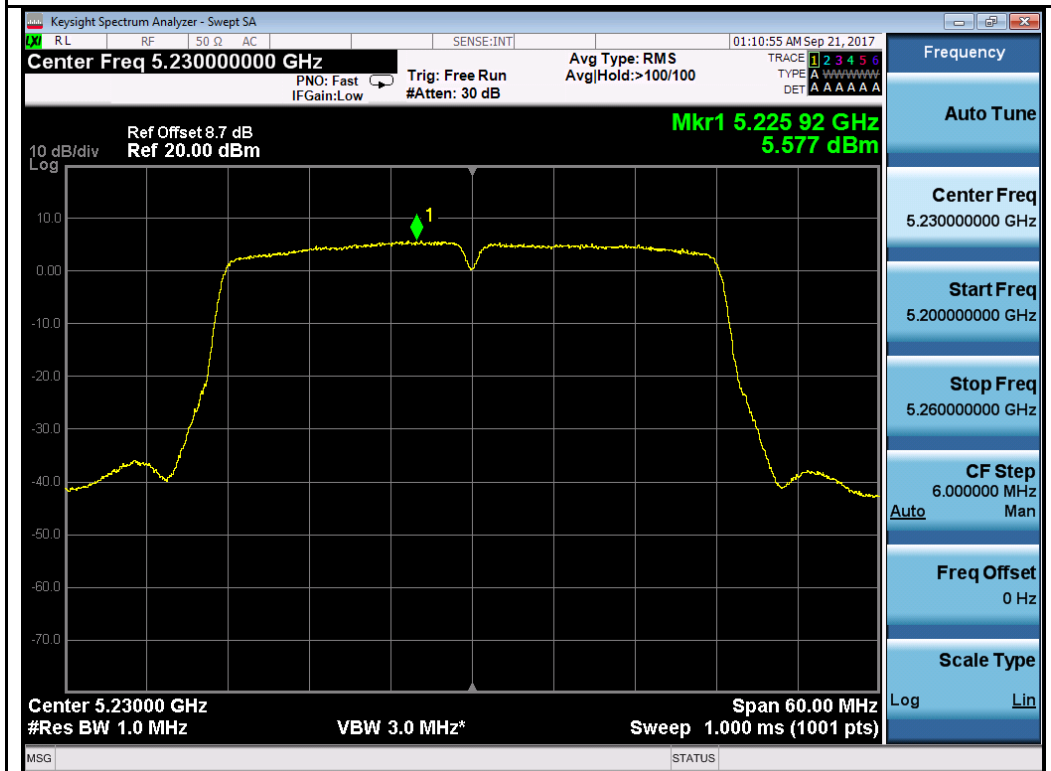


802.11n-HT20-5240MHz

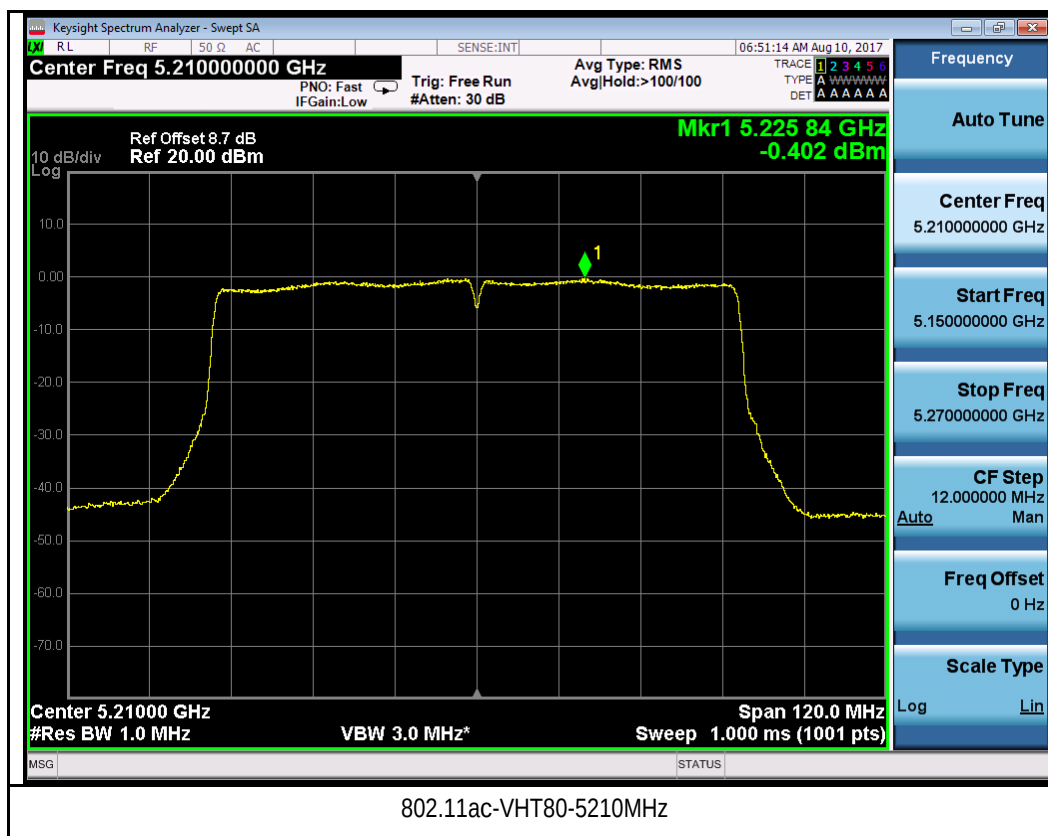




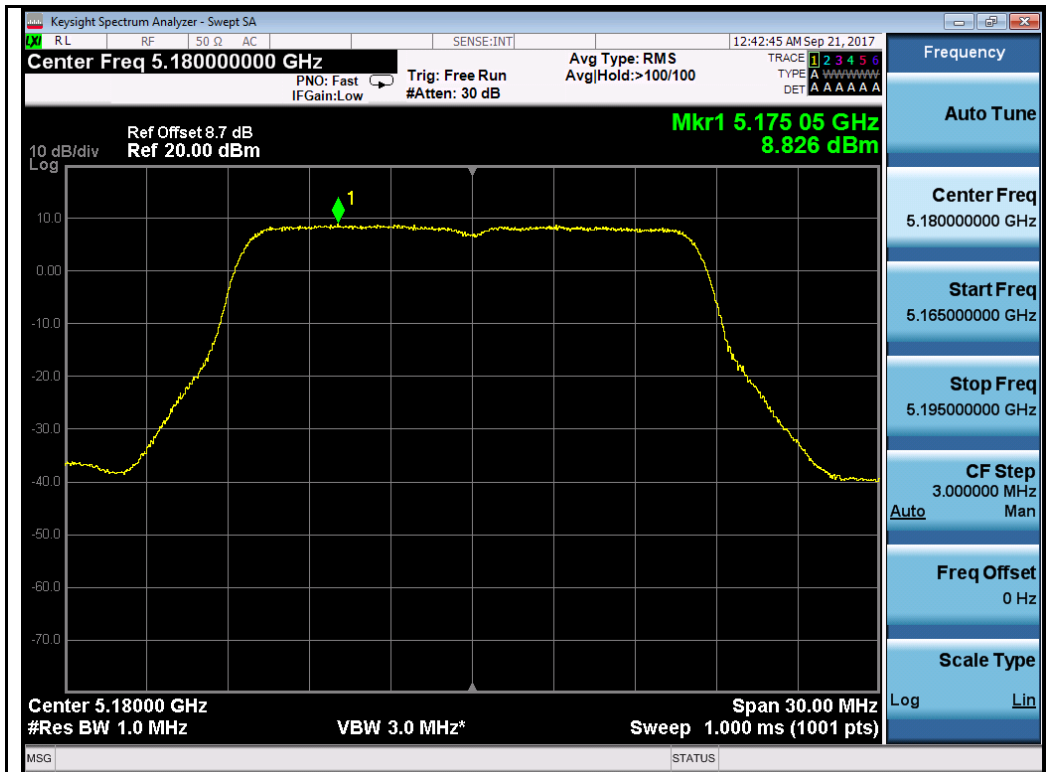
802.11n-HT40-5190MHz



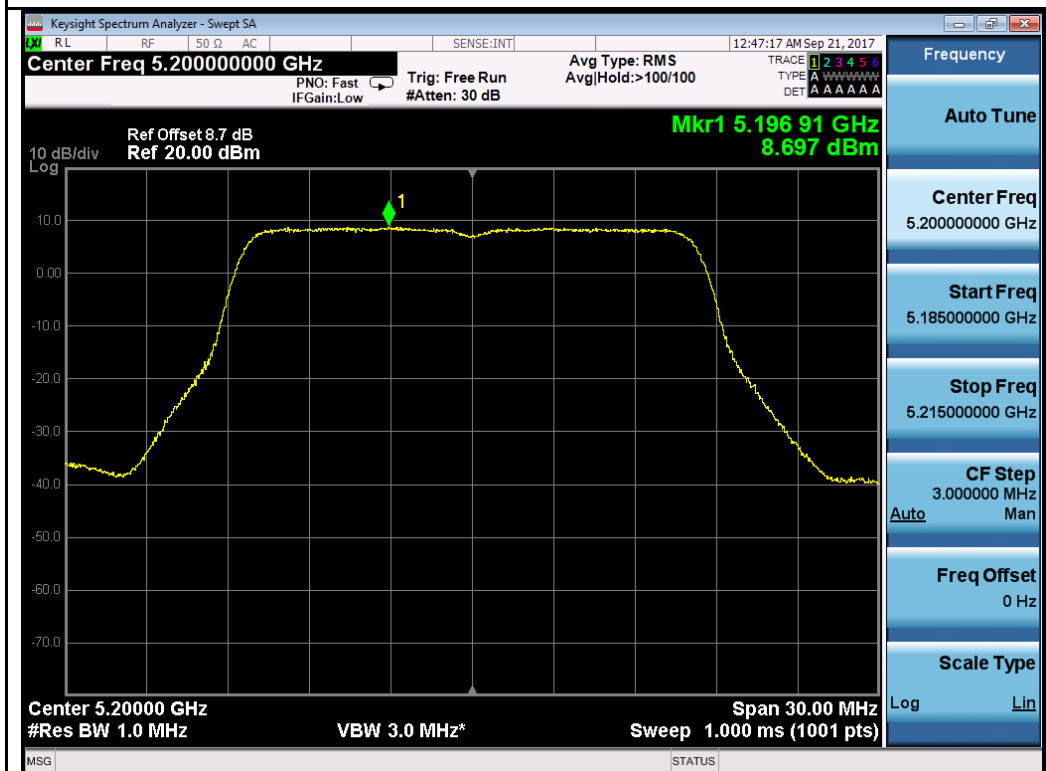
802.11n-HT40-5230MHz



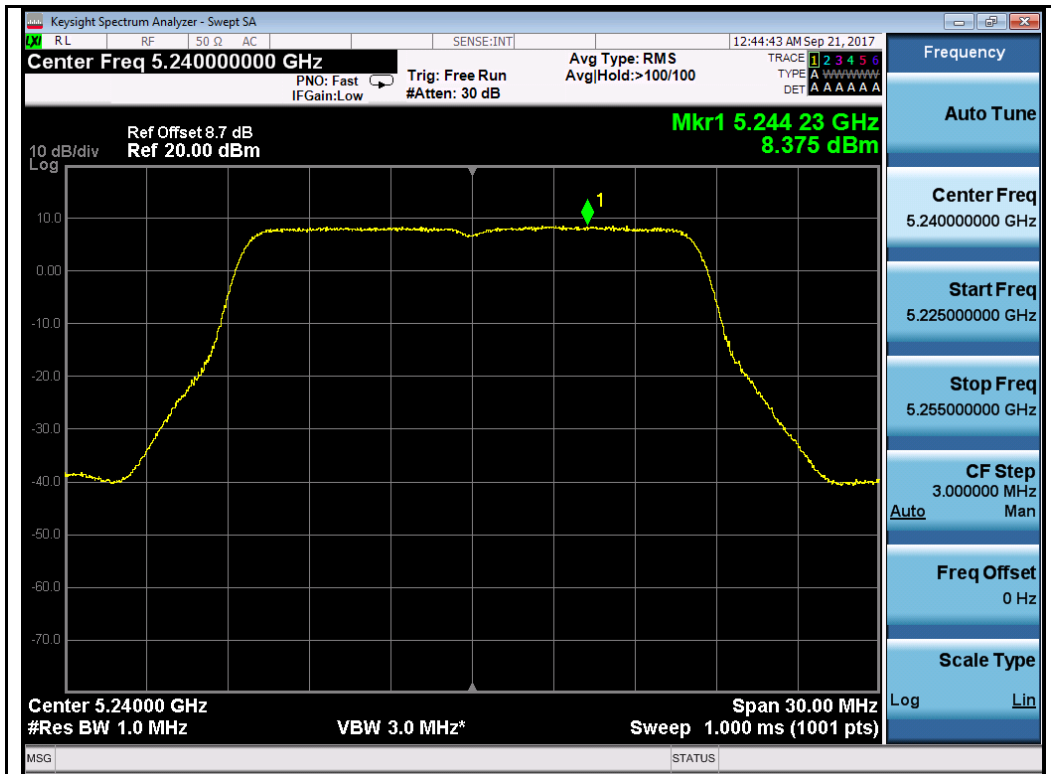
Chain 3:



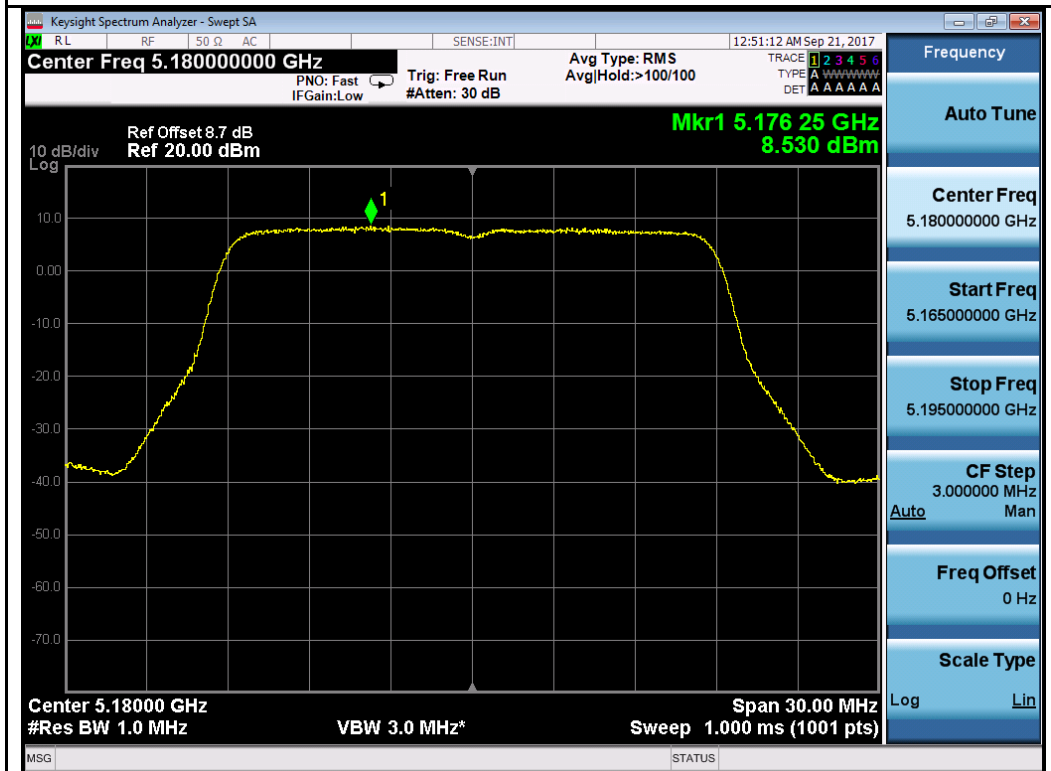
802.11a-5180MHz



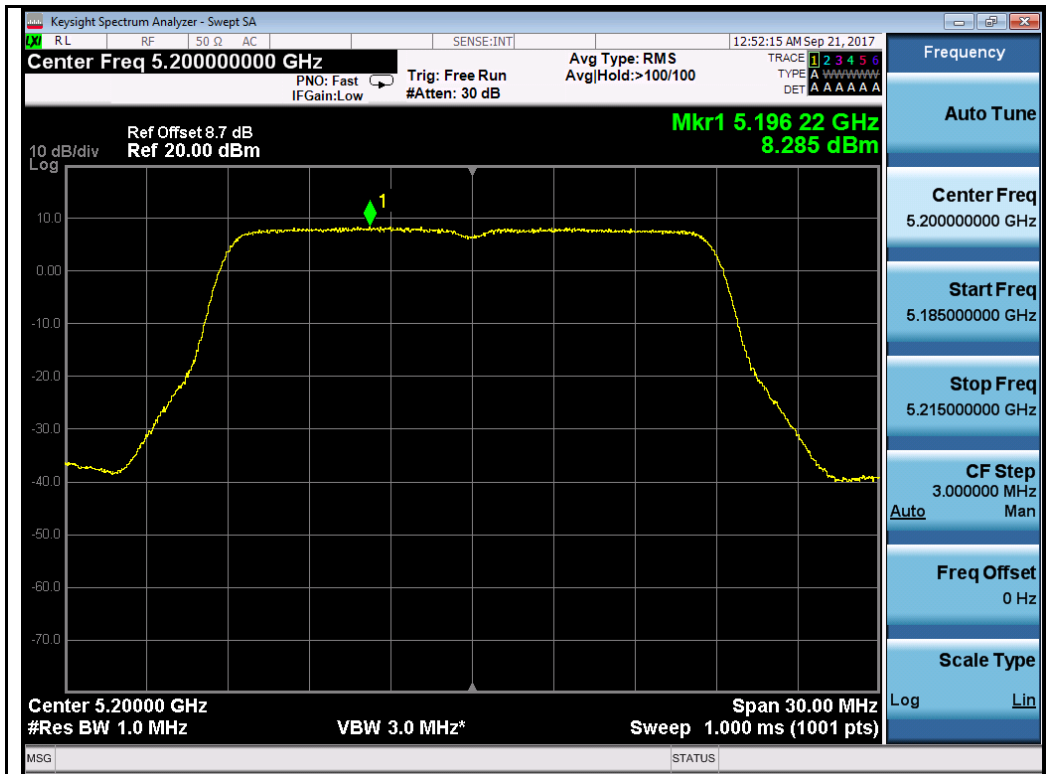
802.11a-5200MHz



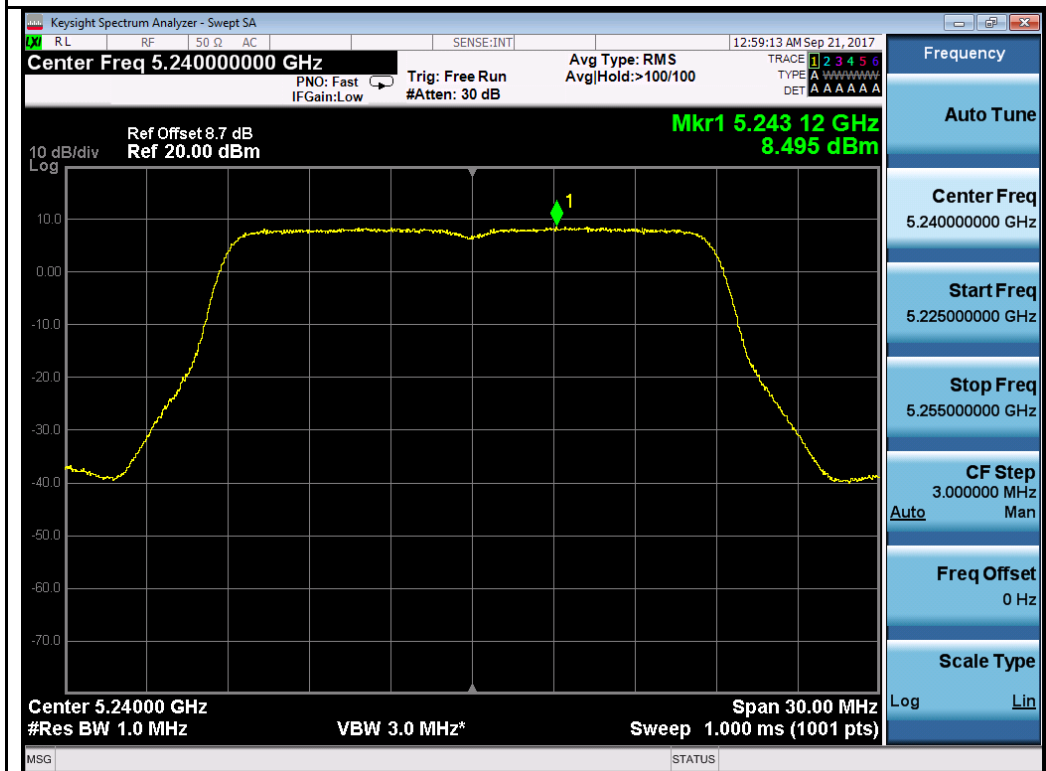
802.11a-5240MHz



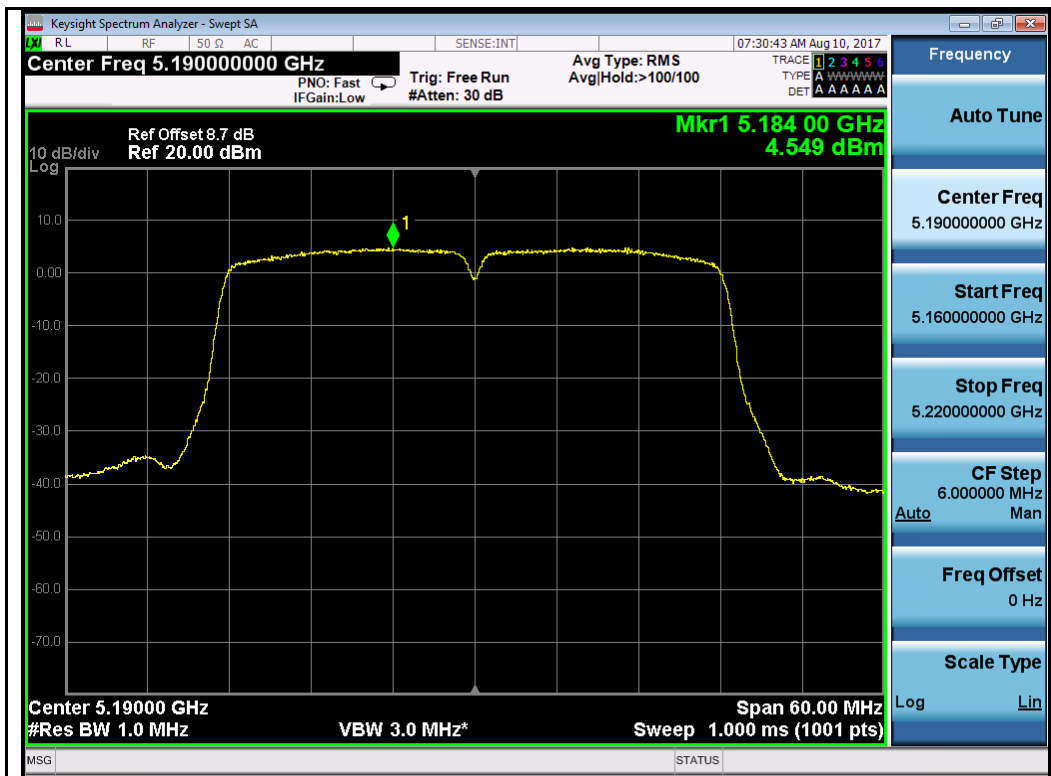
802.11n-HT20-5180MHz



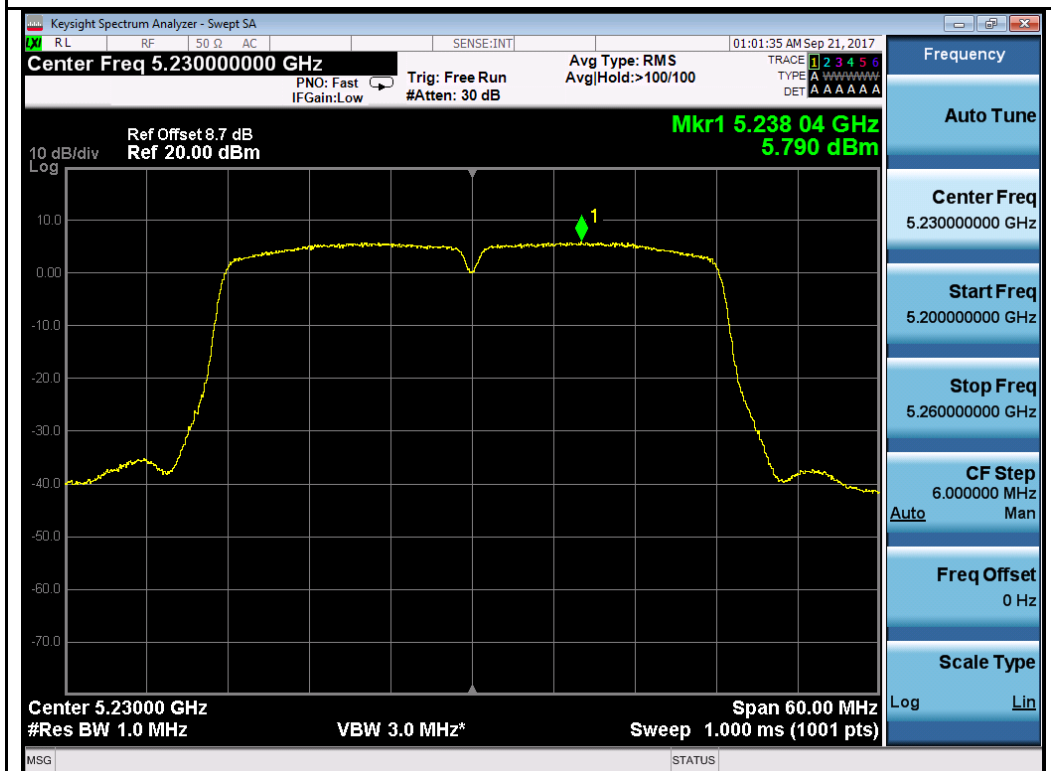
802.11n-HT20-5200MHz



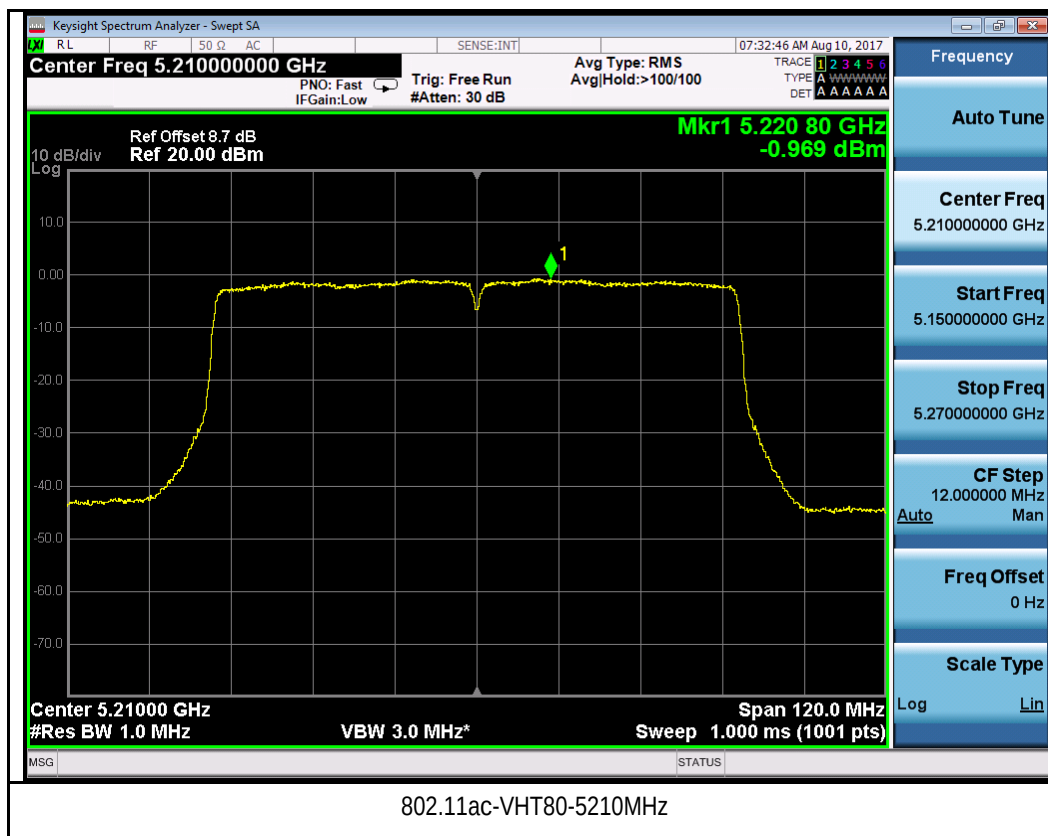
802.11n-HT20-5240MHz



802.11n-HT40-5190MHz

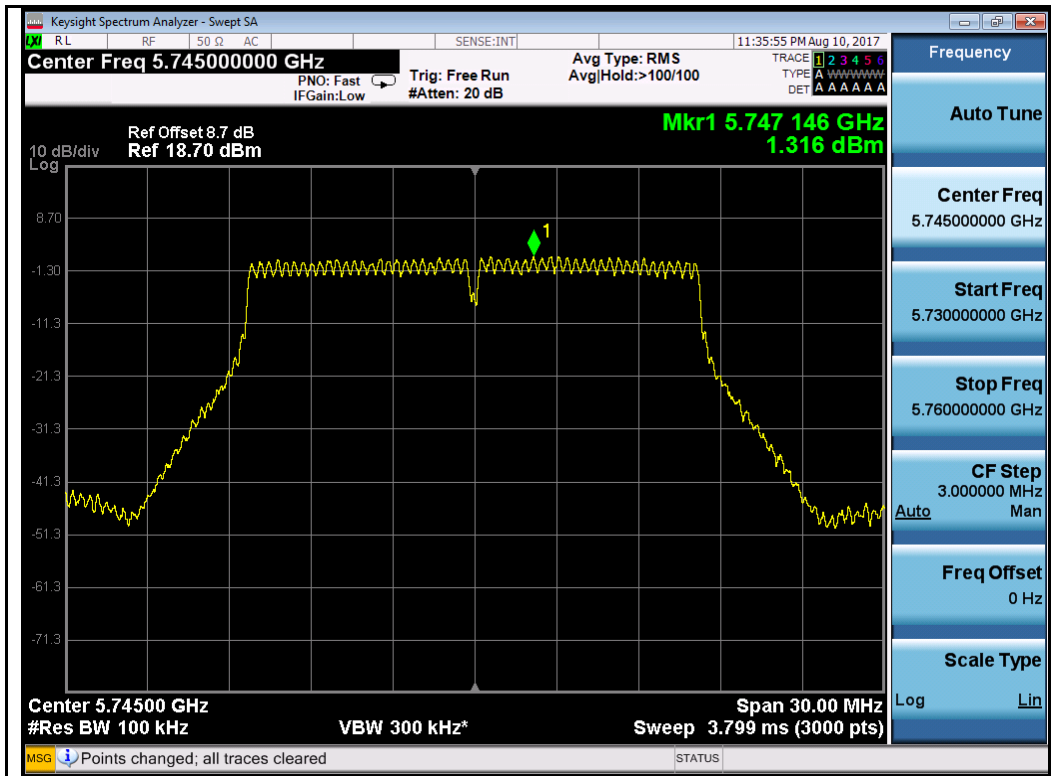


802.11n-HT40-5230MHz

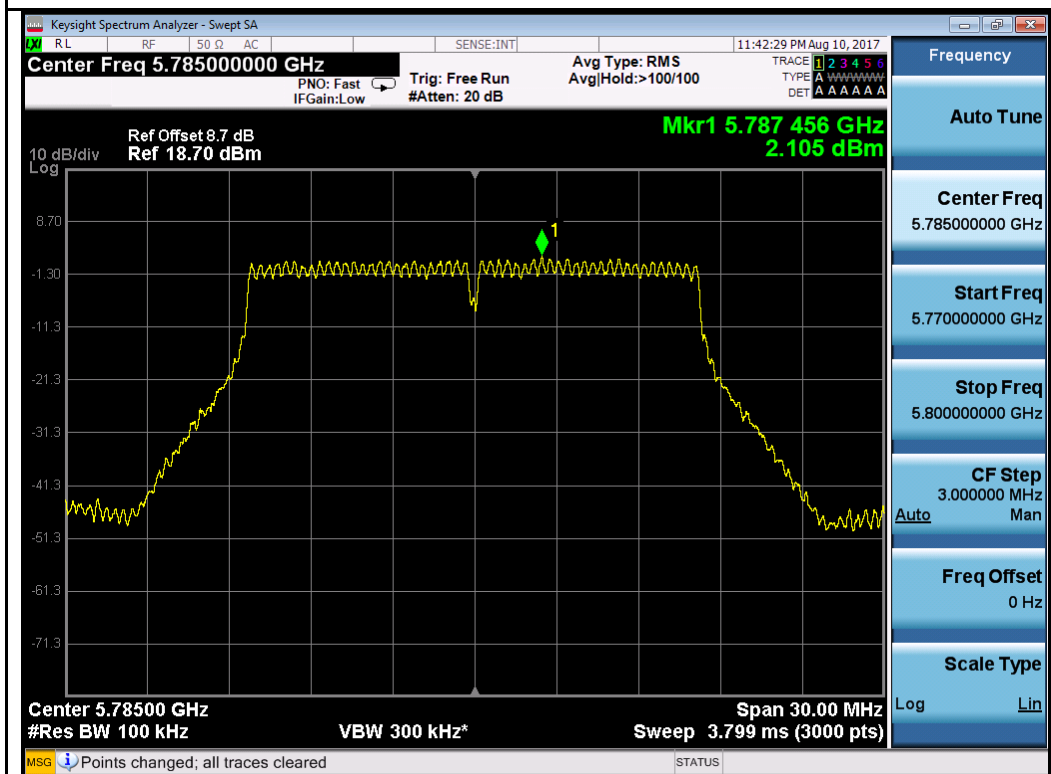


Test Plot for W58:

Chain 0:

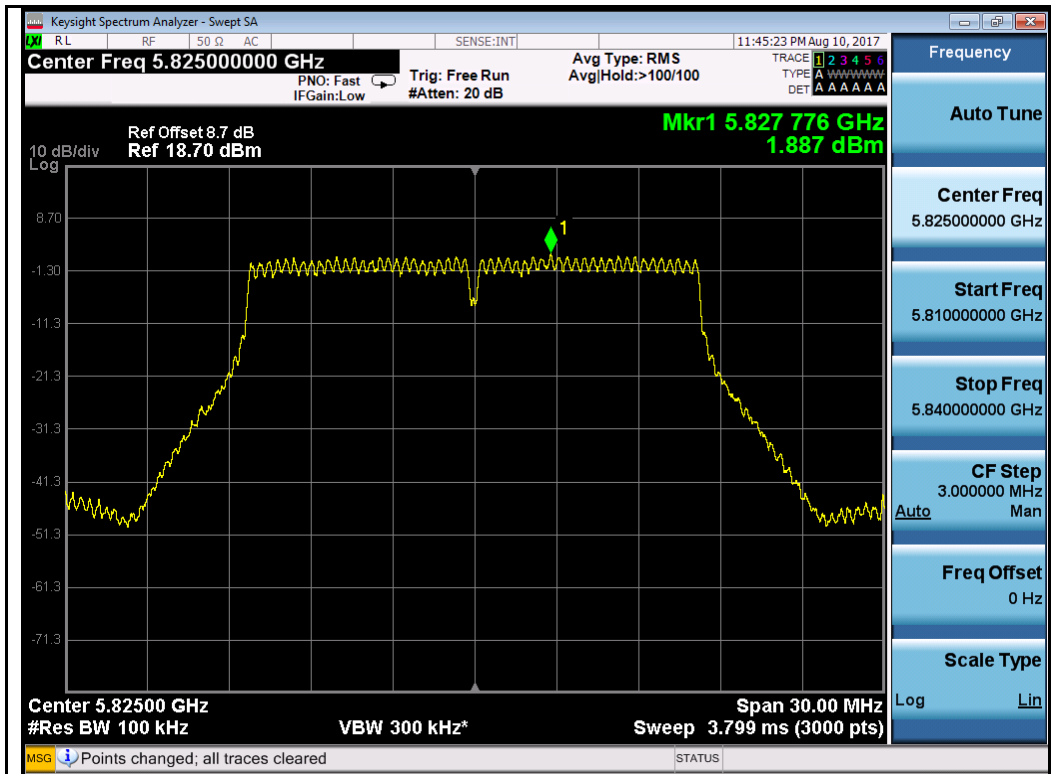


802.11a-5745MHz

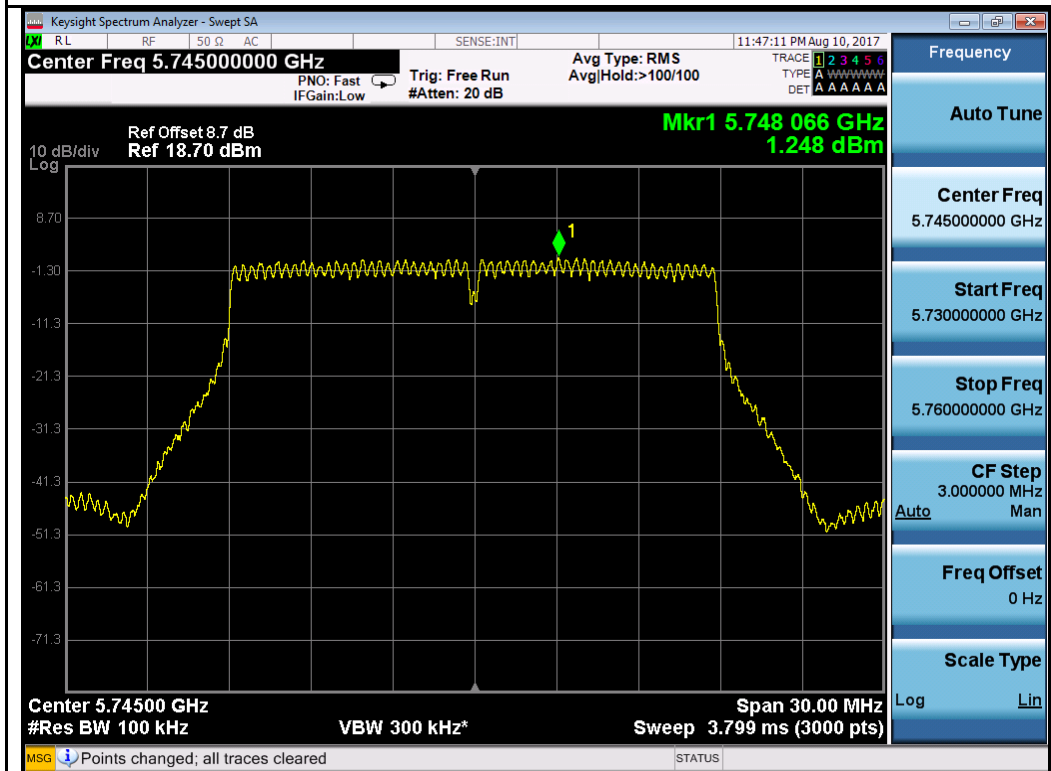


802.11a-5785MHz

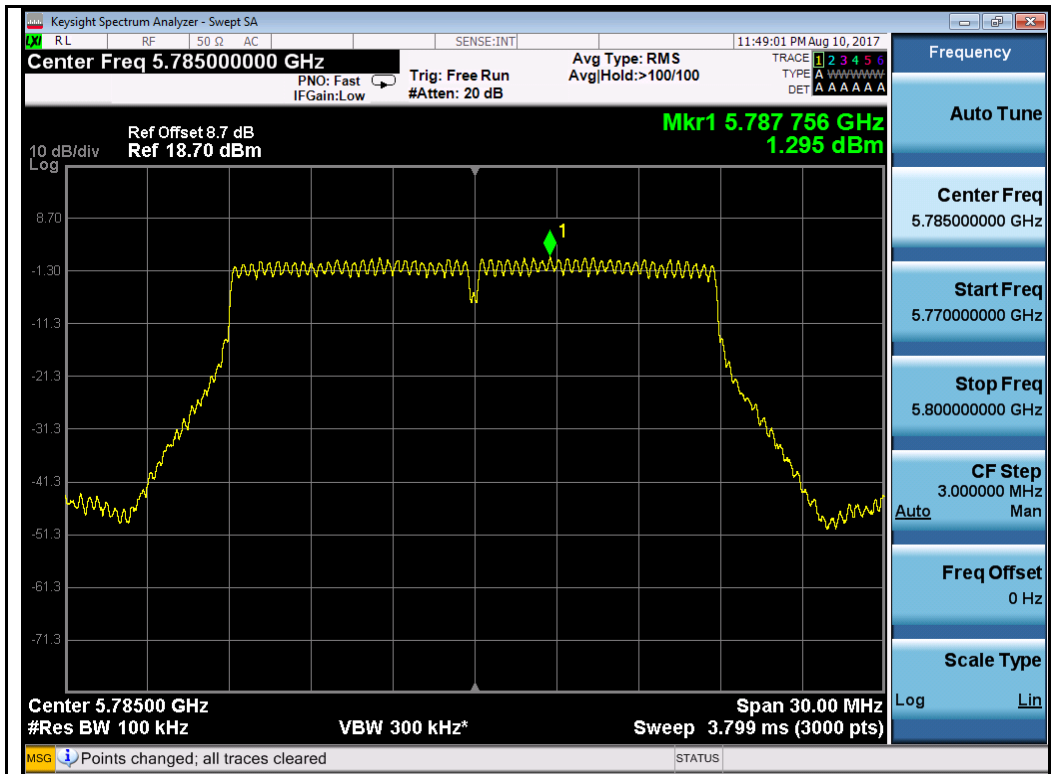




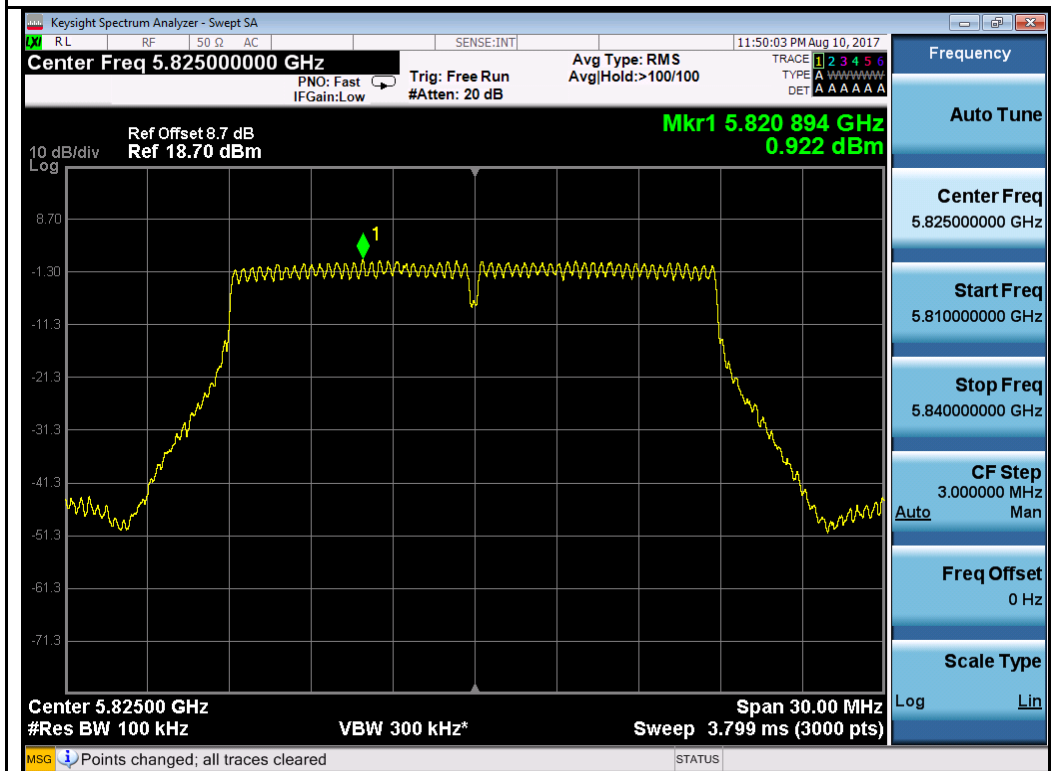
802.11a-5825MHz



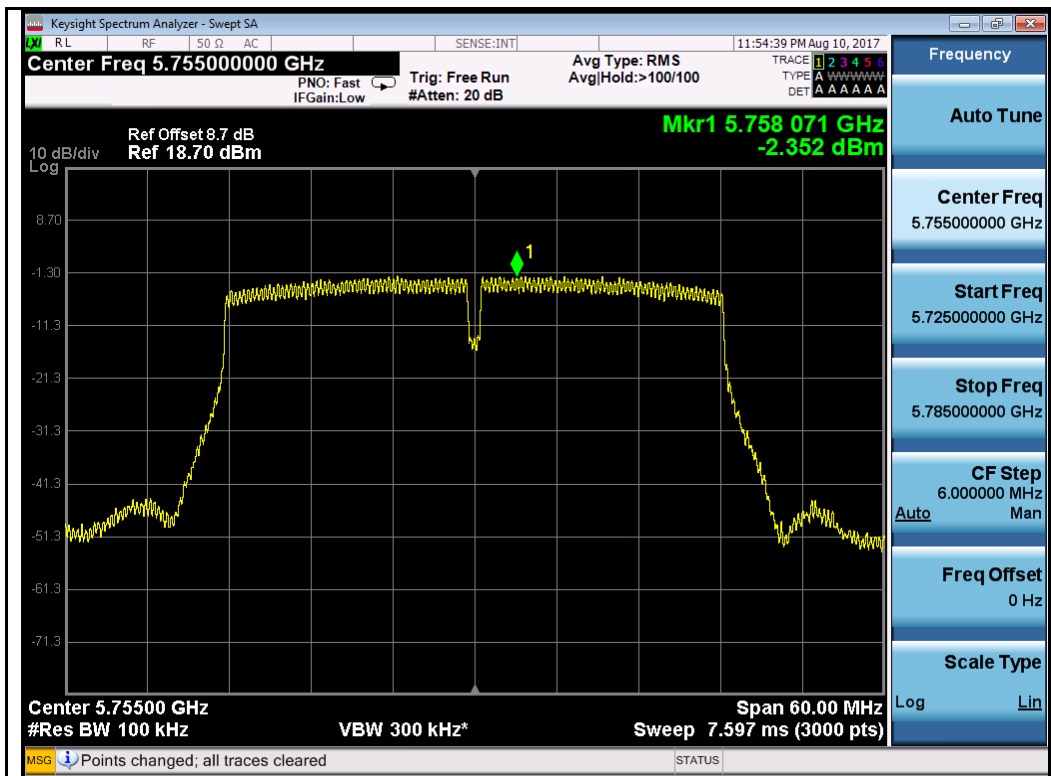
802.11n-HT20-5745MHz



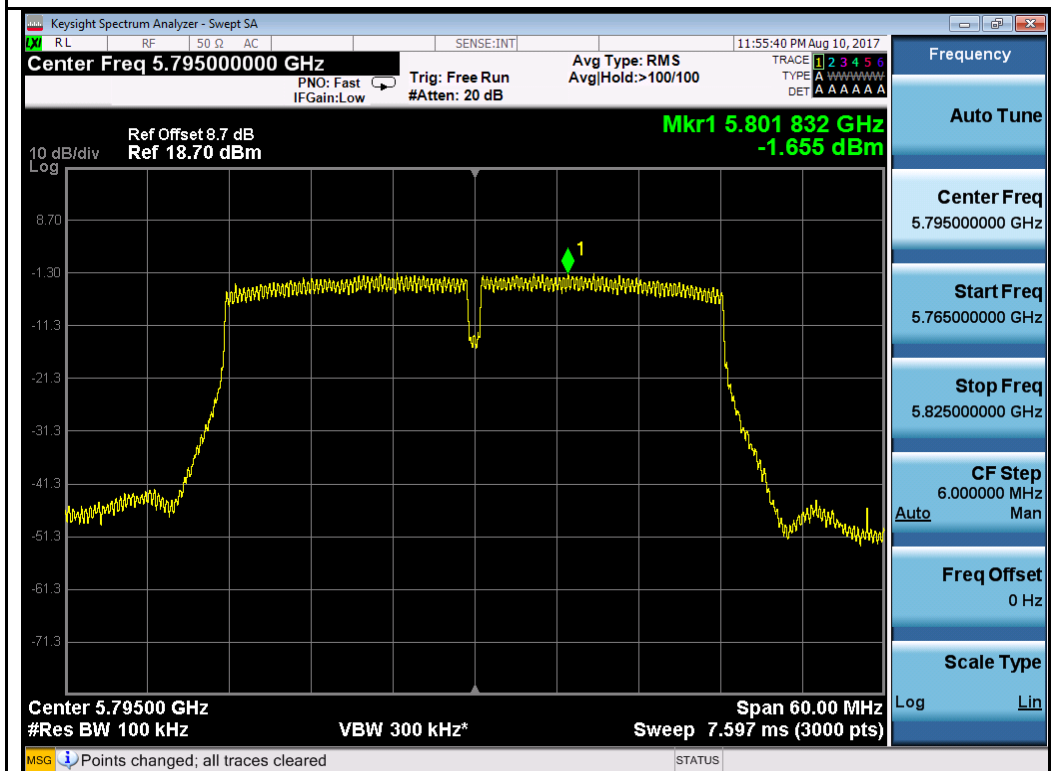
802.11n-HT20-5785MHz



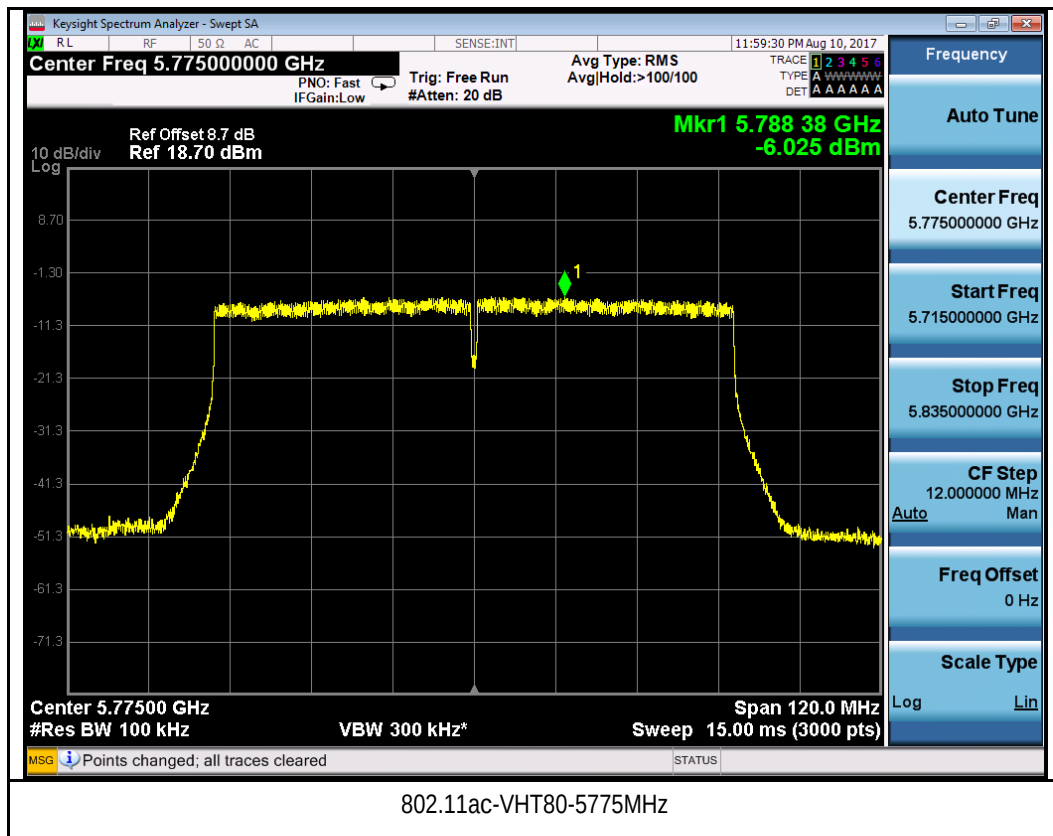
802.11n-HT20-5825MHz



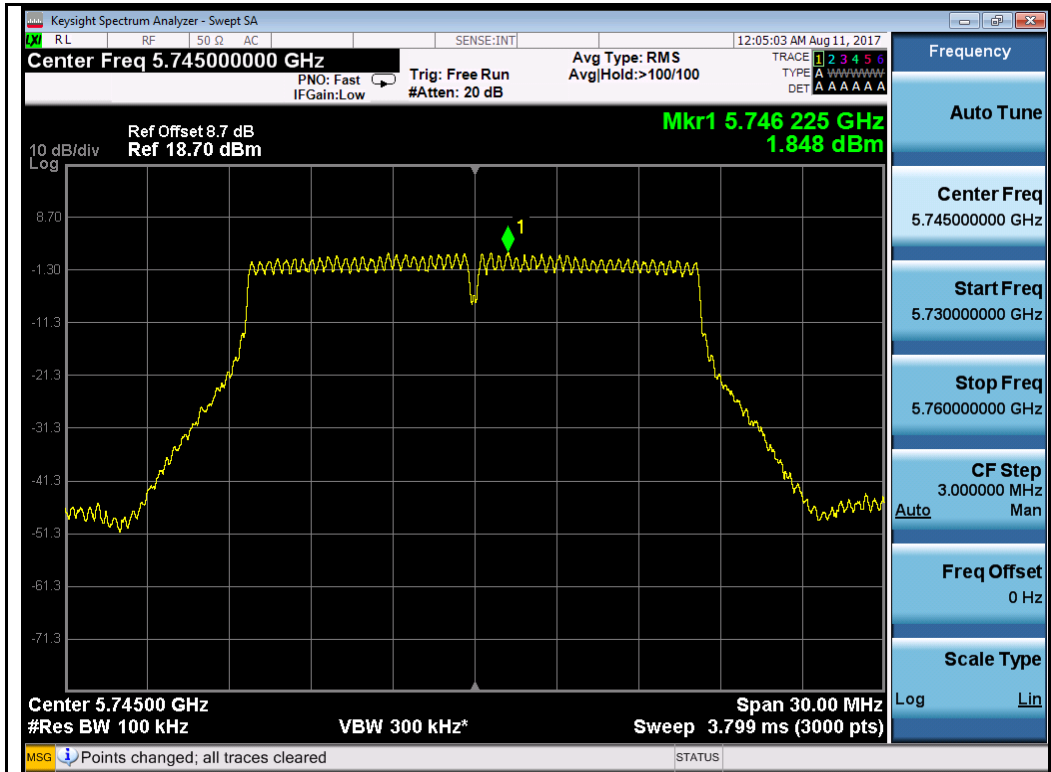
802.11n-HT40-5755MHz



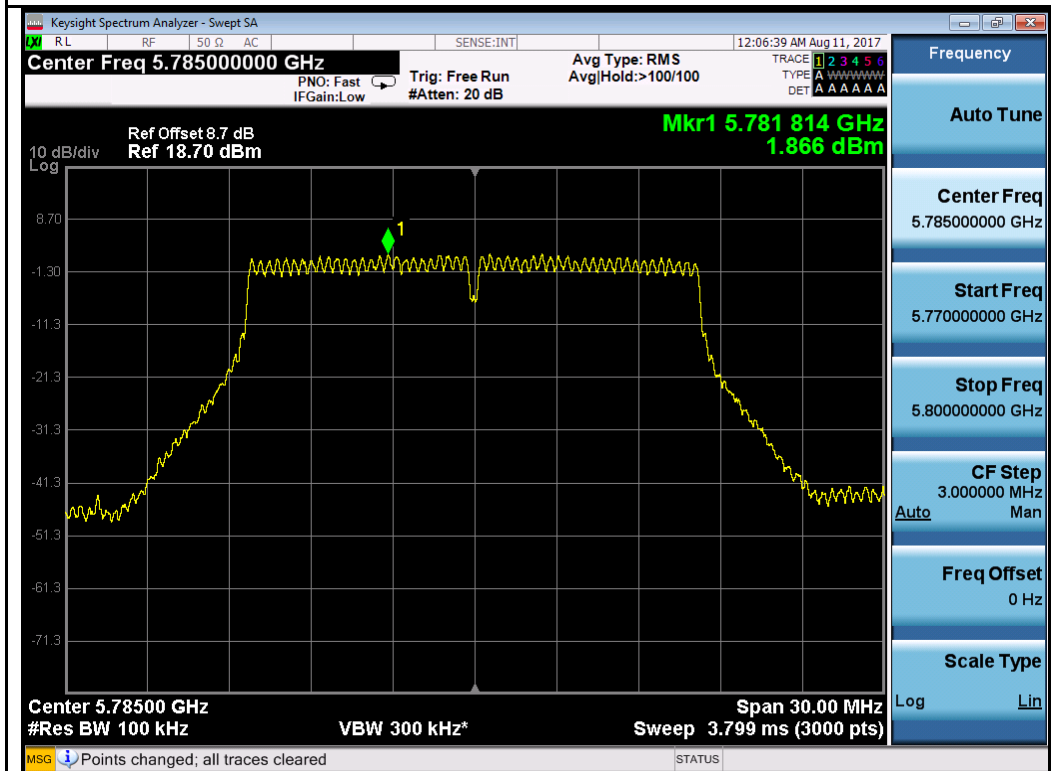
802.11n-HT40-5795MHz



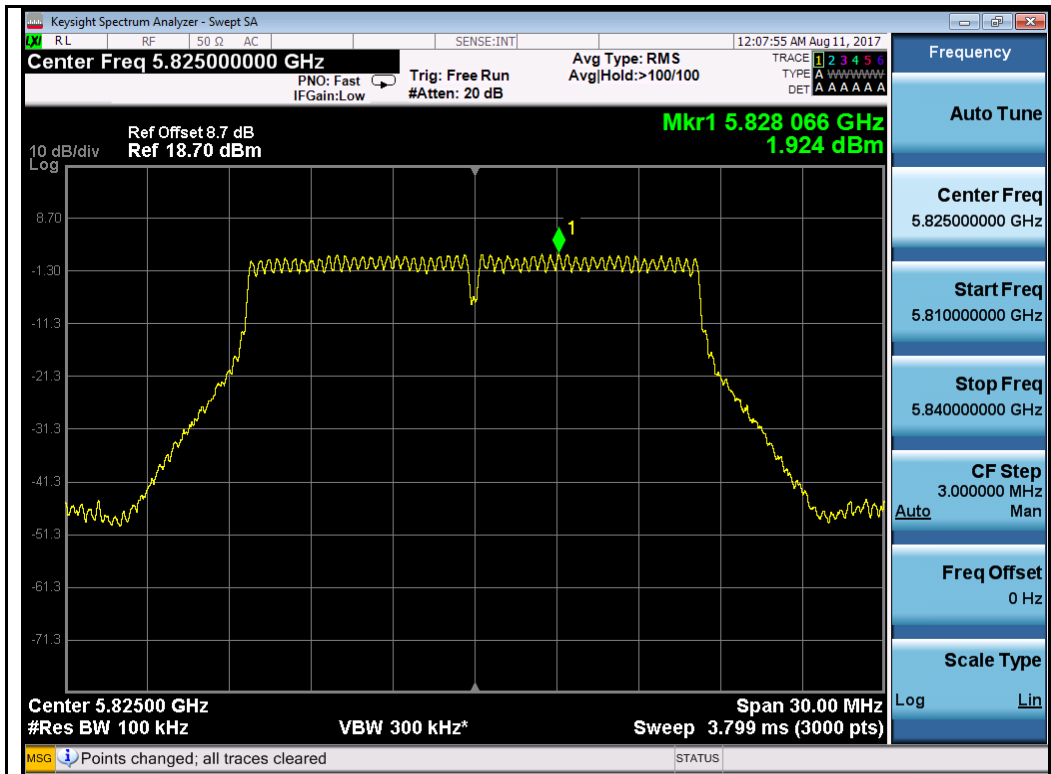
Chain 1:



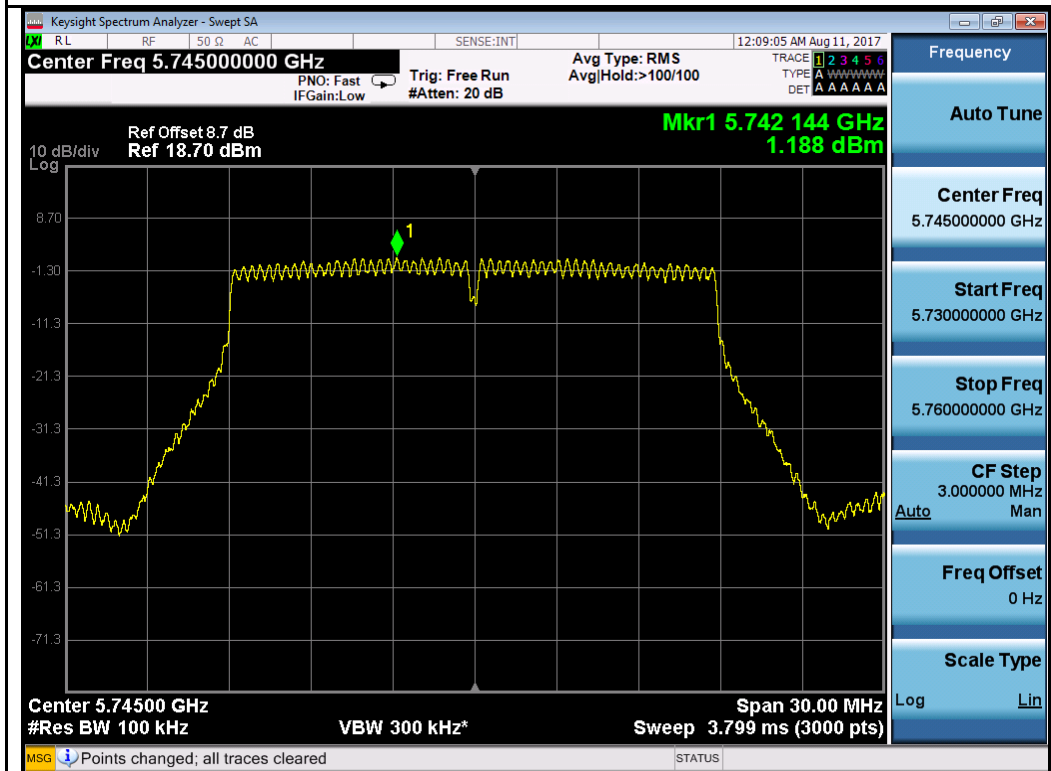
802.11a-5745MHz



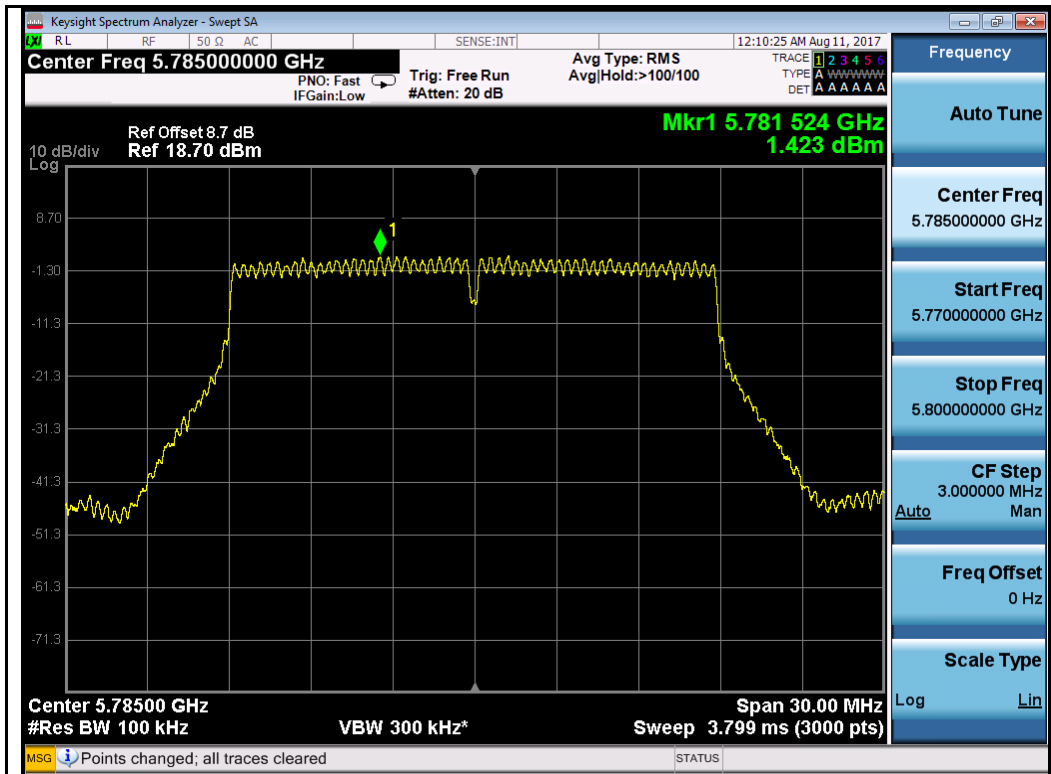
802.11a-5785MHz



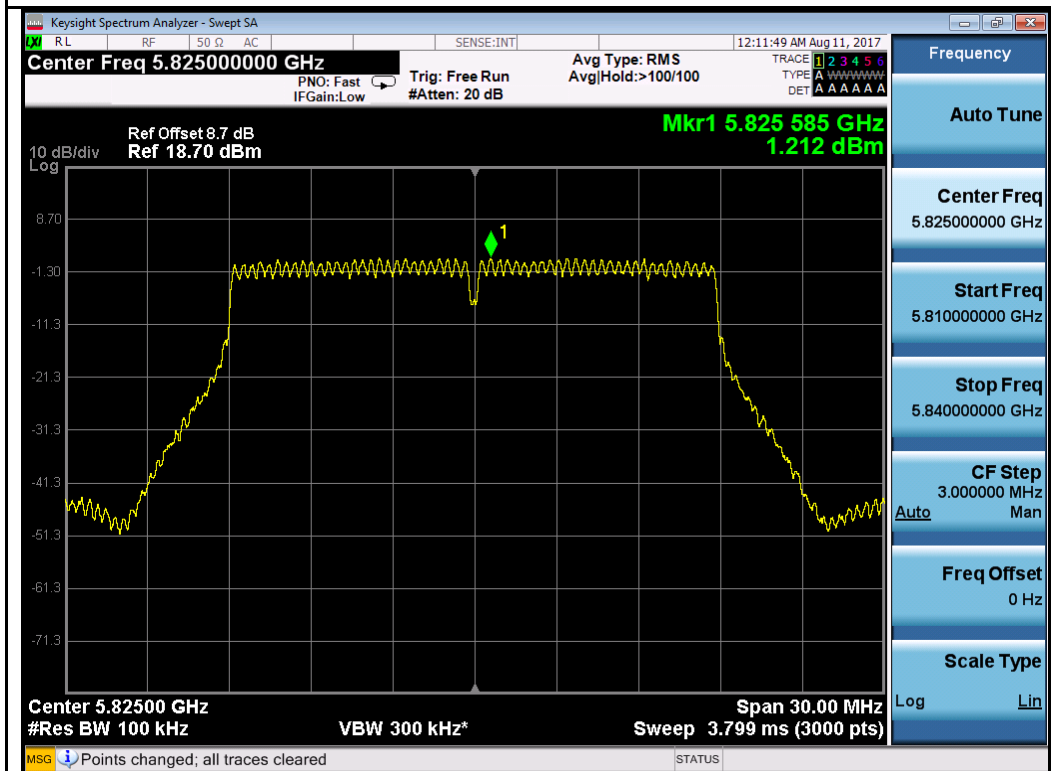
802.11a-5825MHz



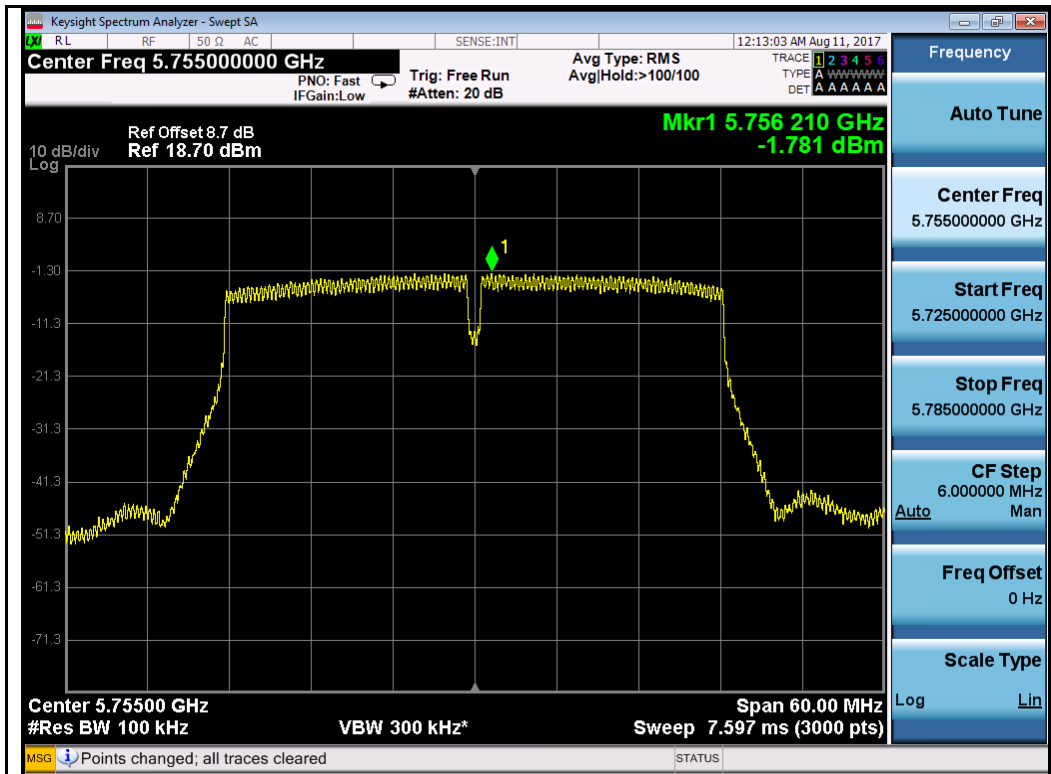
802.11n-HT20-5745MHz



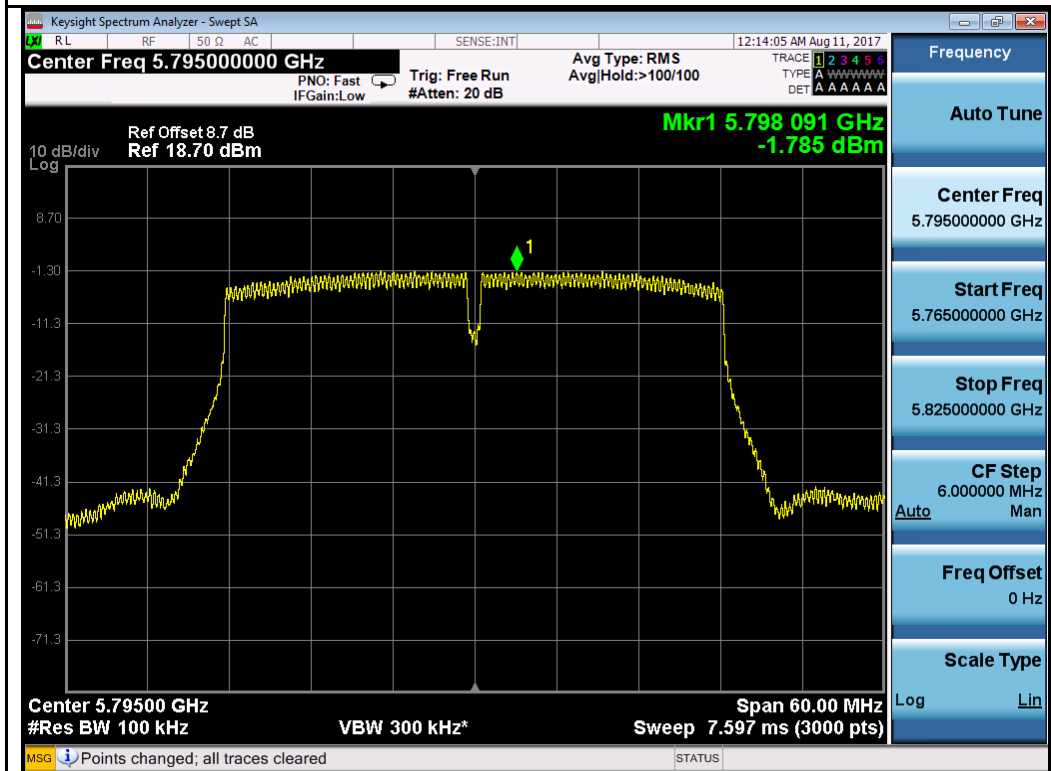
802.11n-HT20-5785MHz



802.11n-HT20-5825MHz

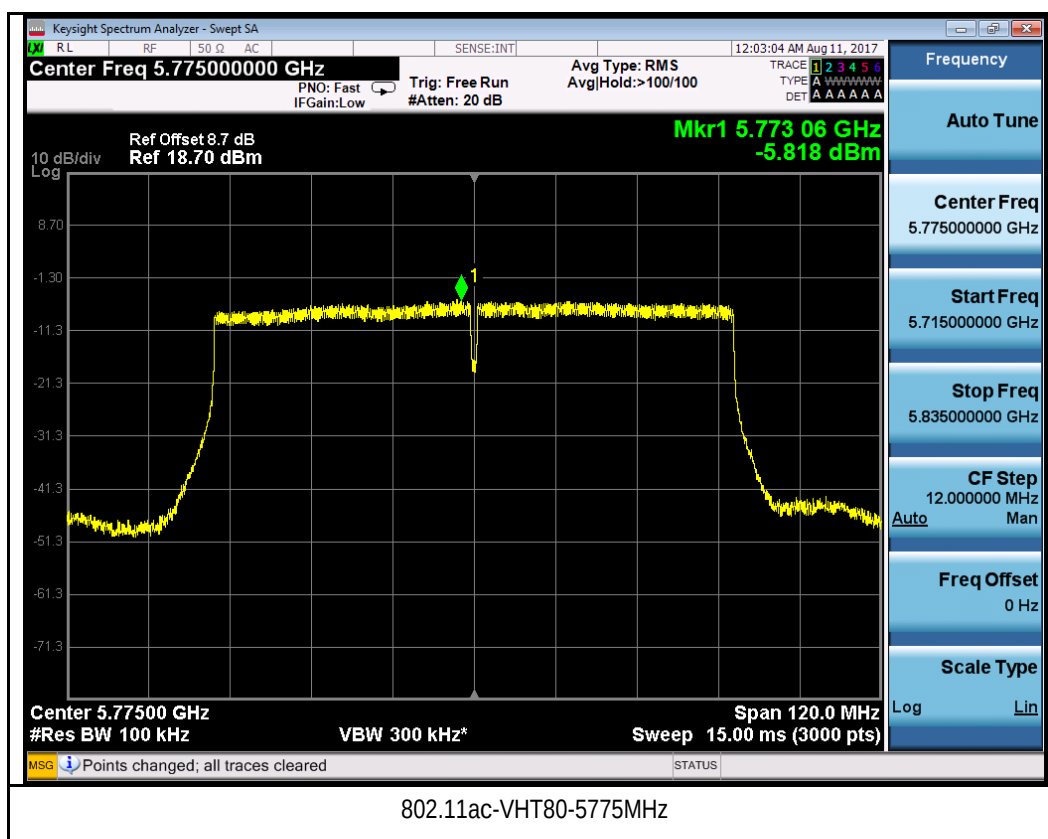


802.11n-HT40-5755MHz

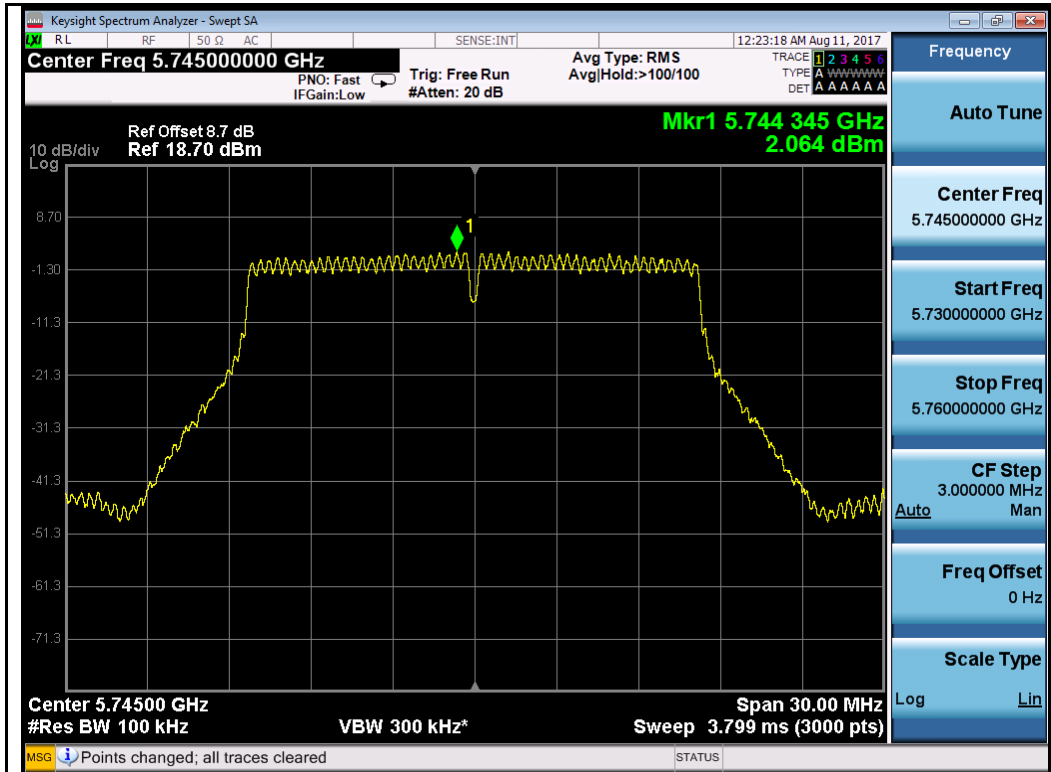


802.11n-HT40-5795MHz

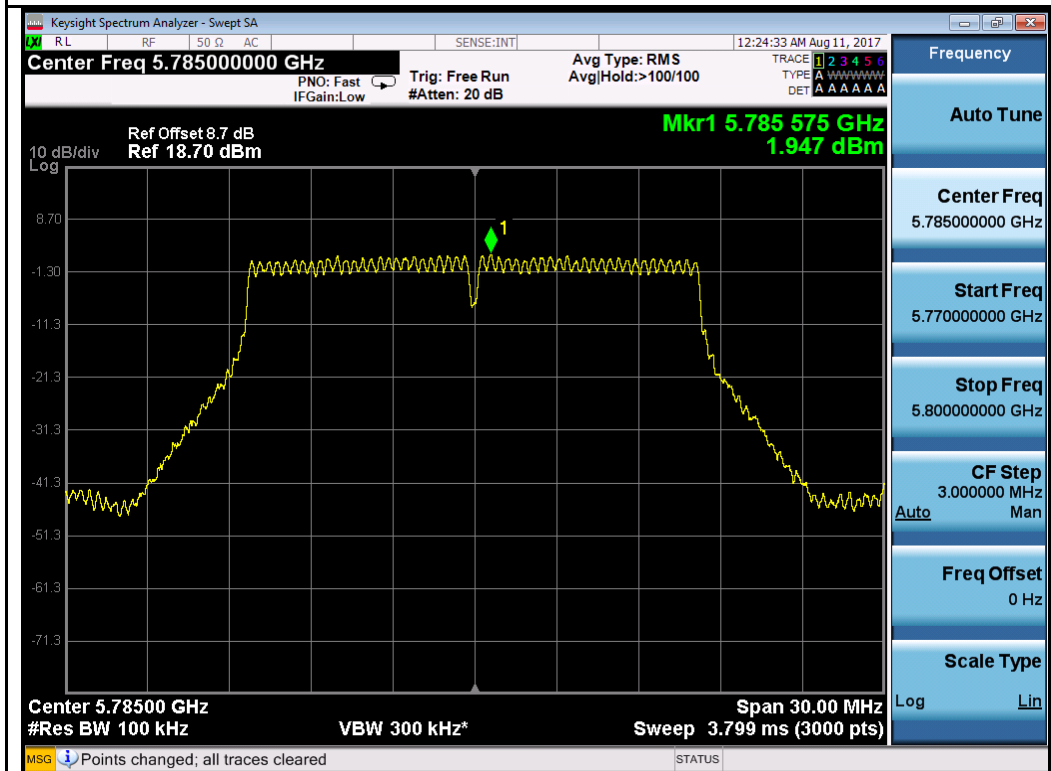




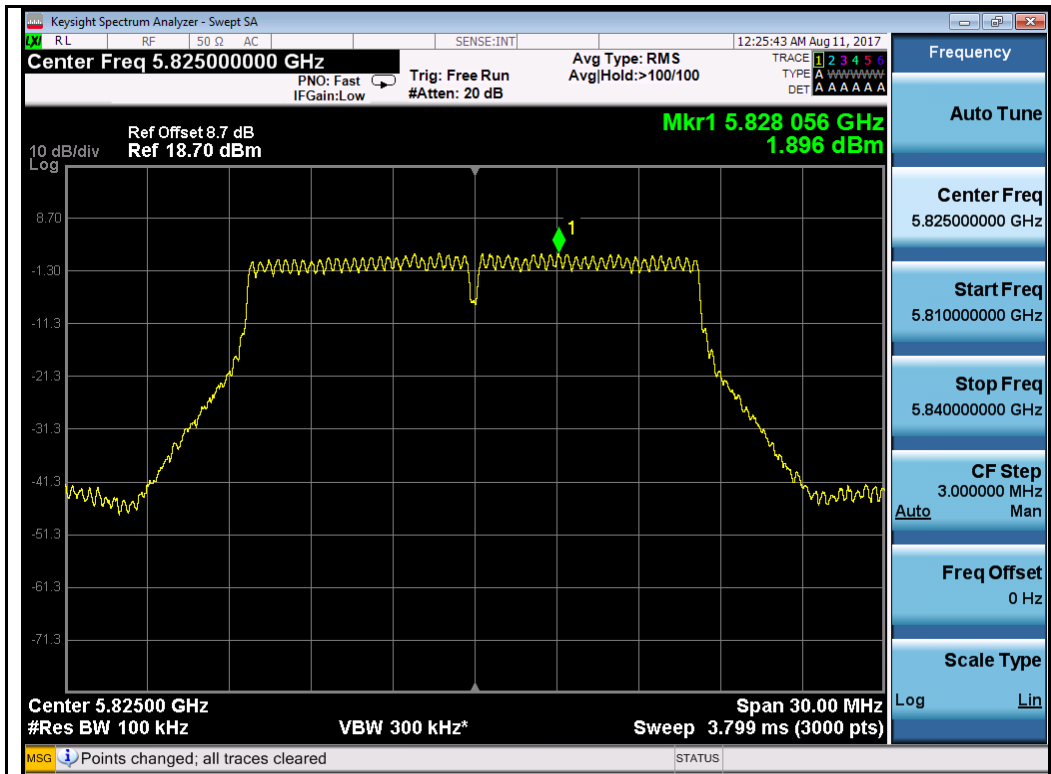
Chain 2:



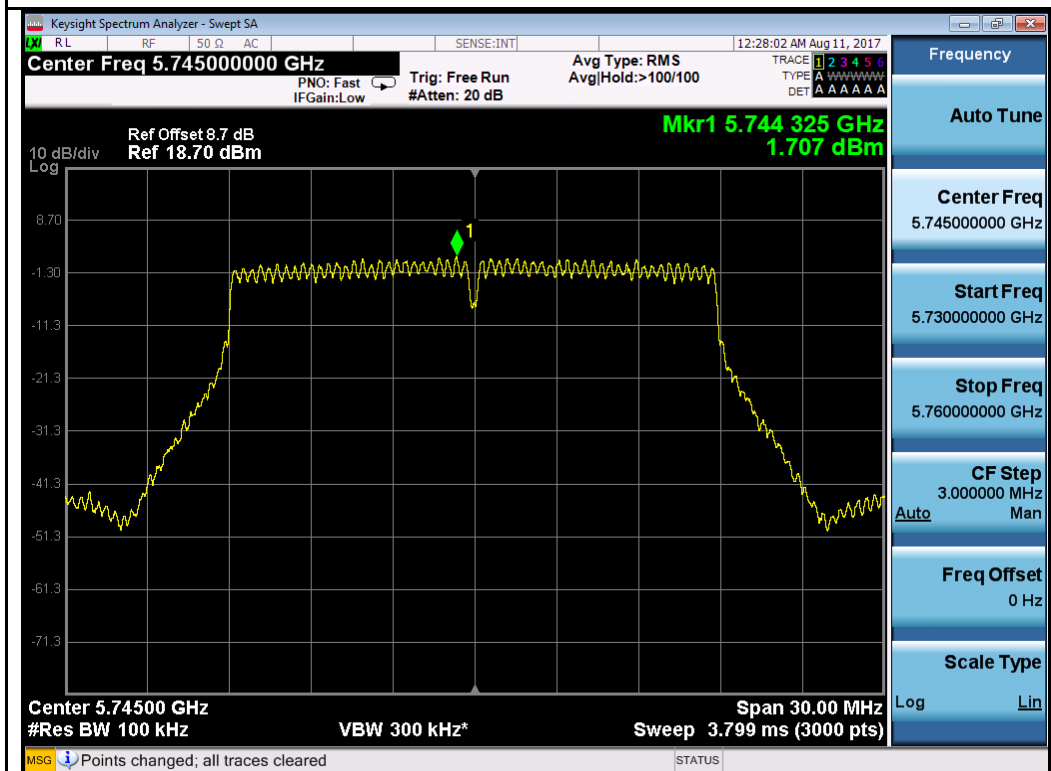
802.11a-5745MHz



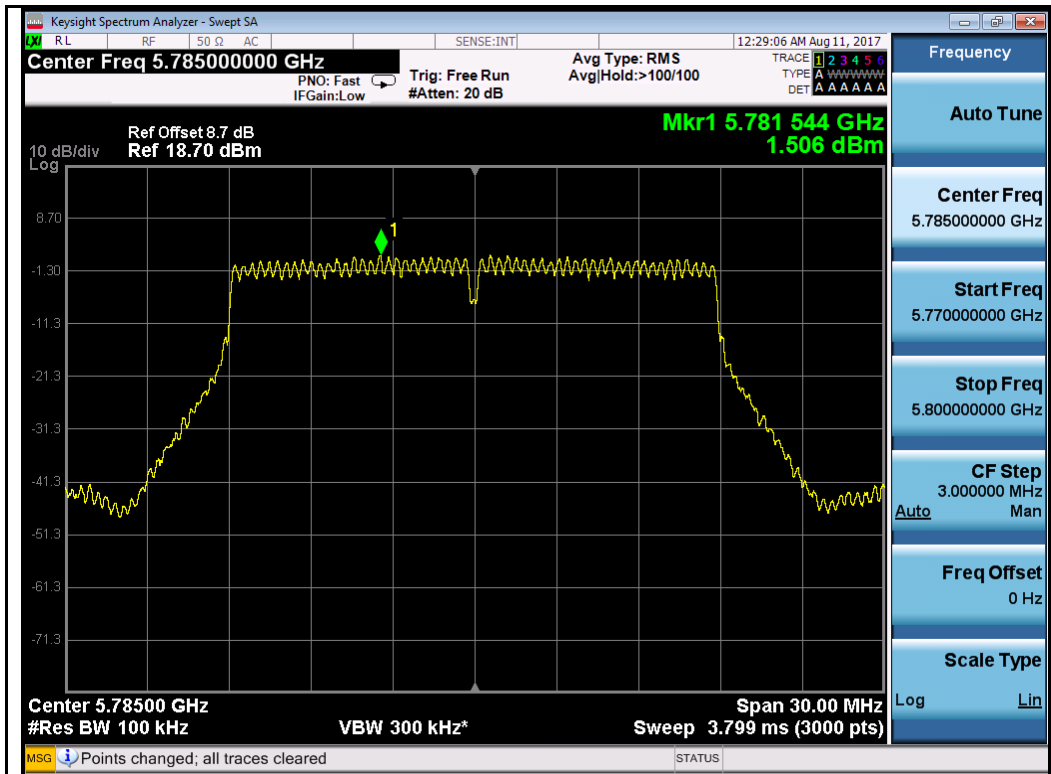
802.11a-5785MHz



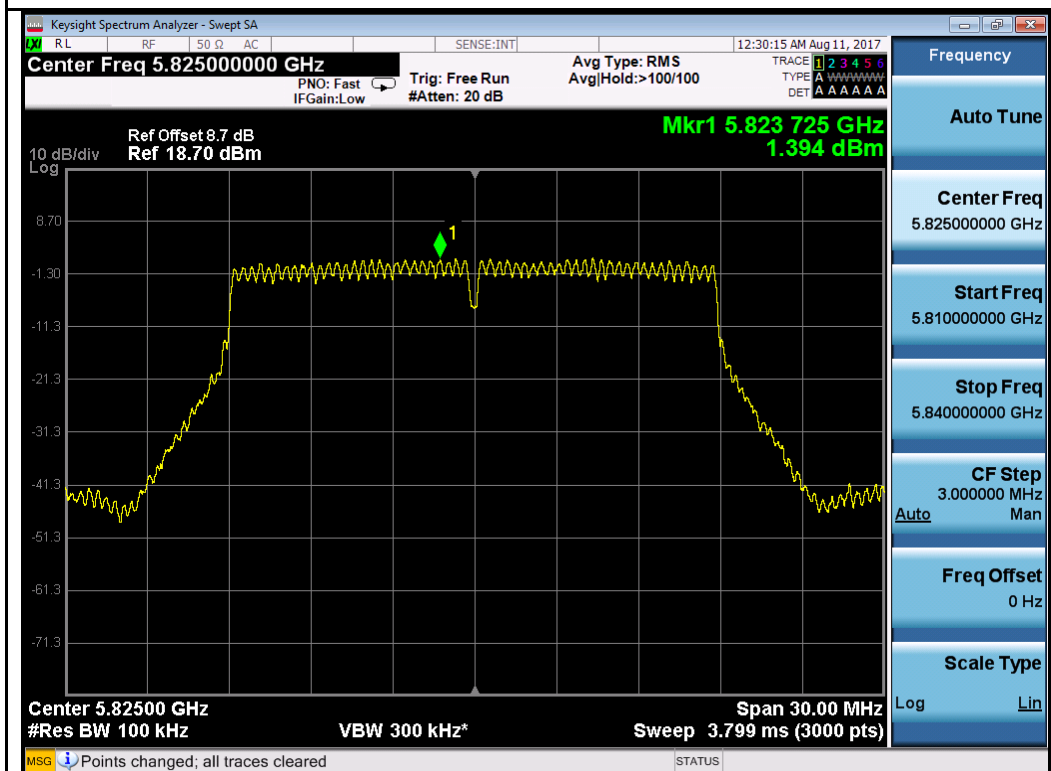
802.11a-5825MHz



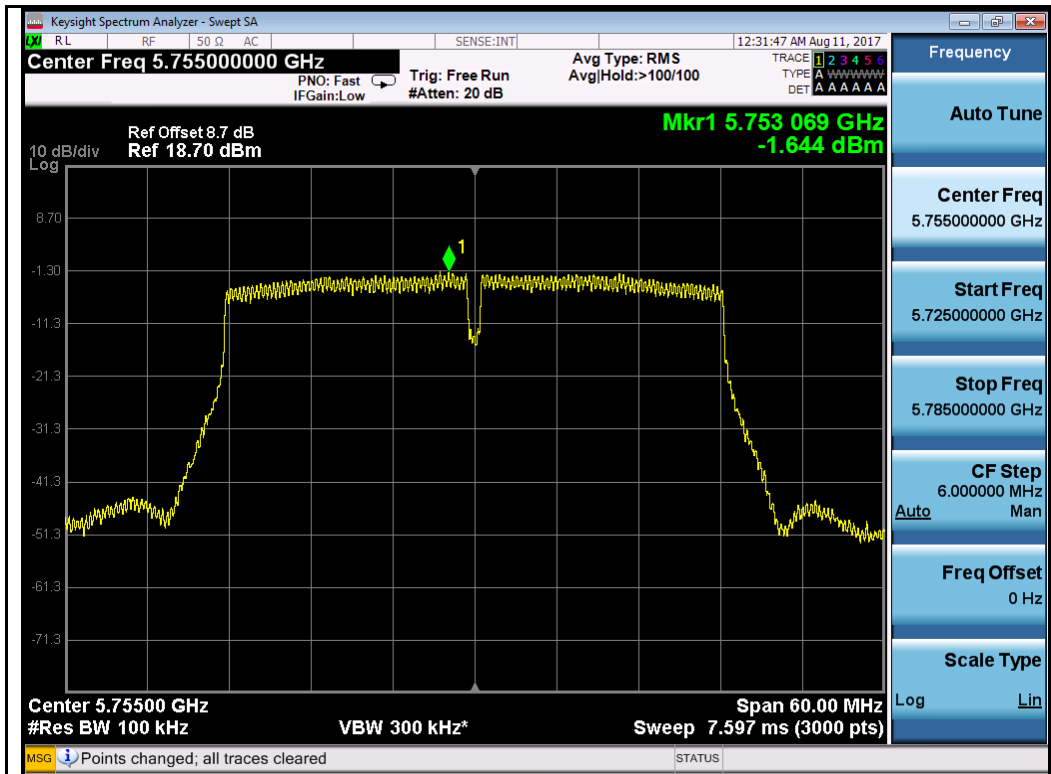
802.11n-HT20-5745MHz



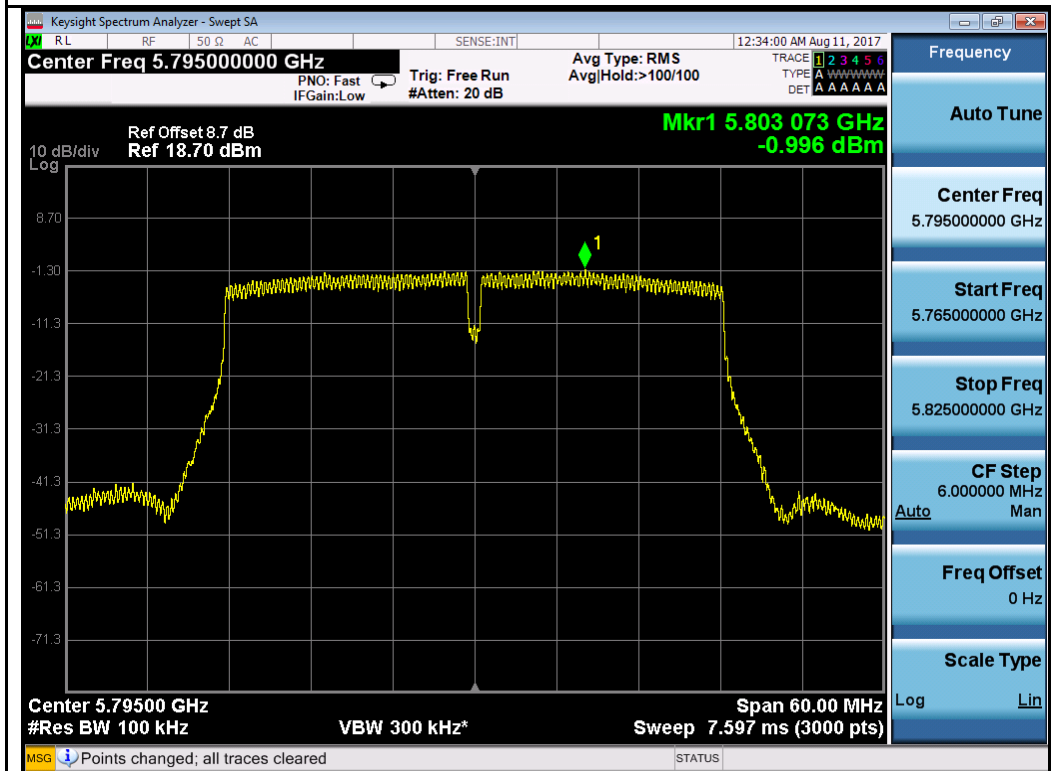
802.11n-HT20-5785MHz



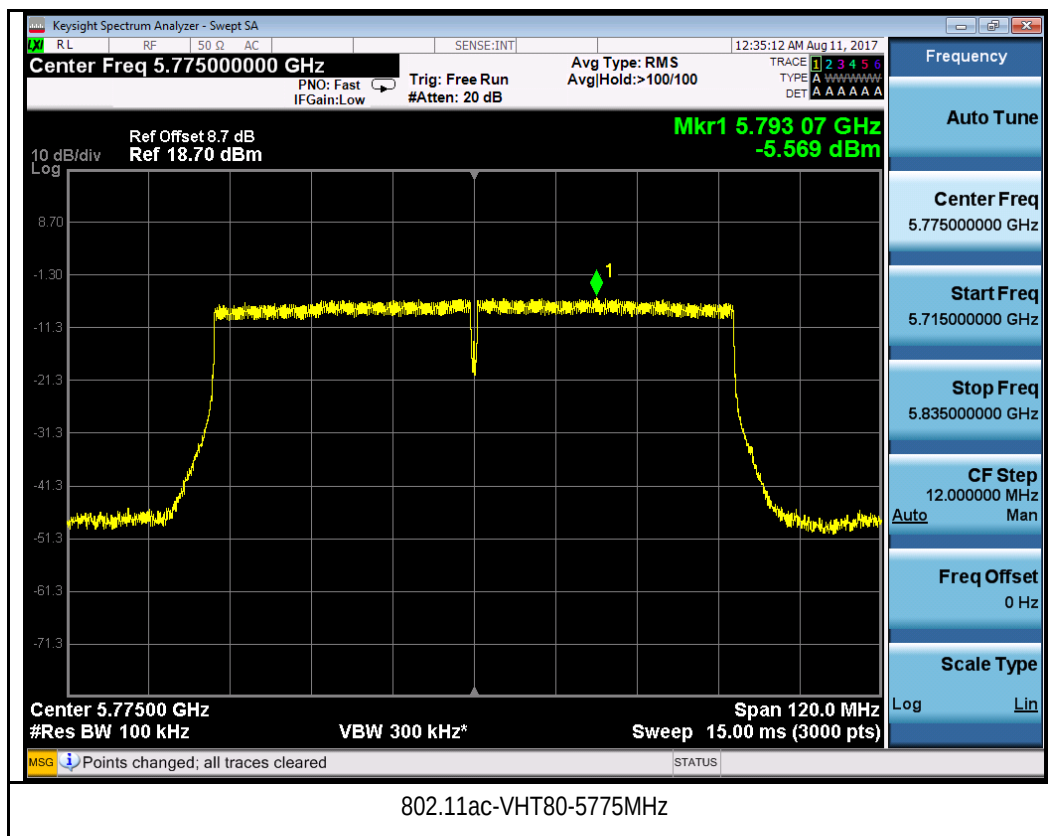
802.11n-HT20-5825MHz



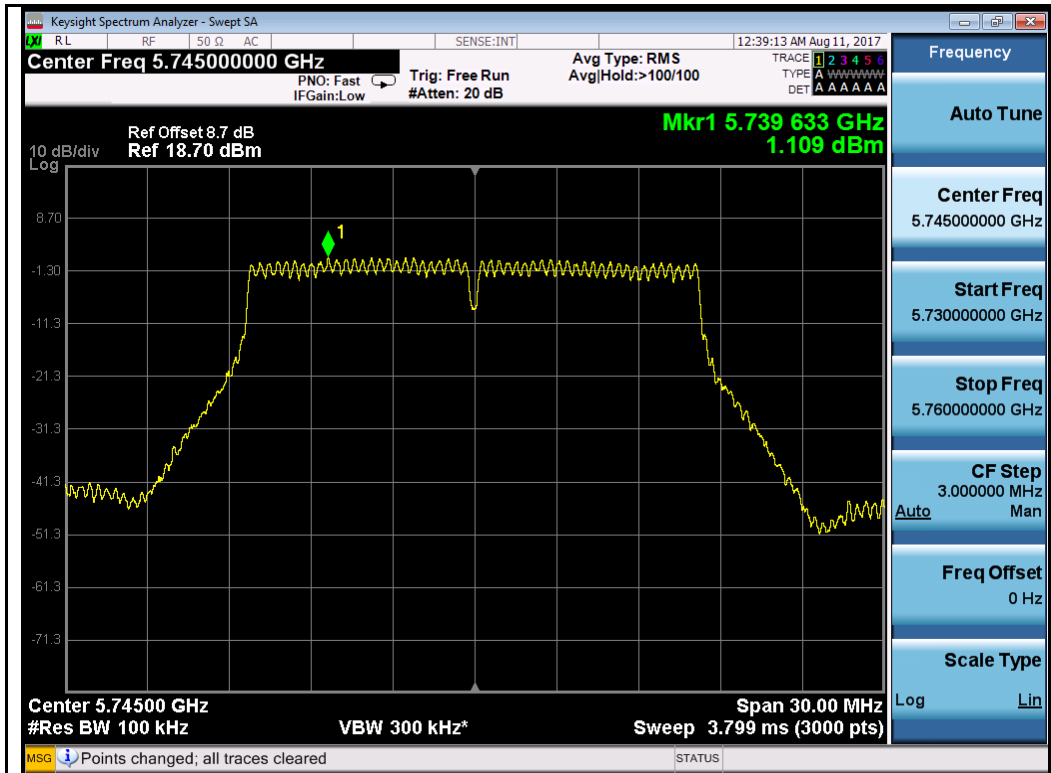
802.11n-HT40-5755MHz



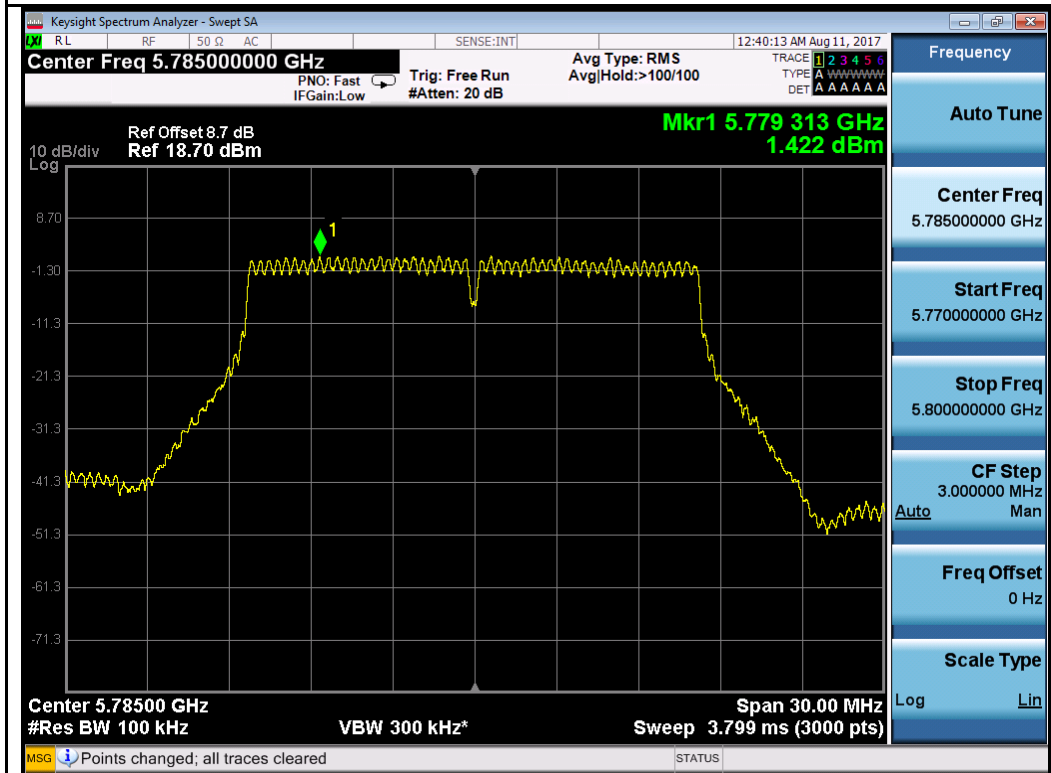
802.11n-HT40-5795MHz



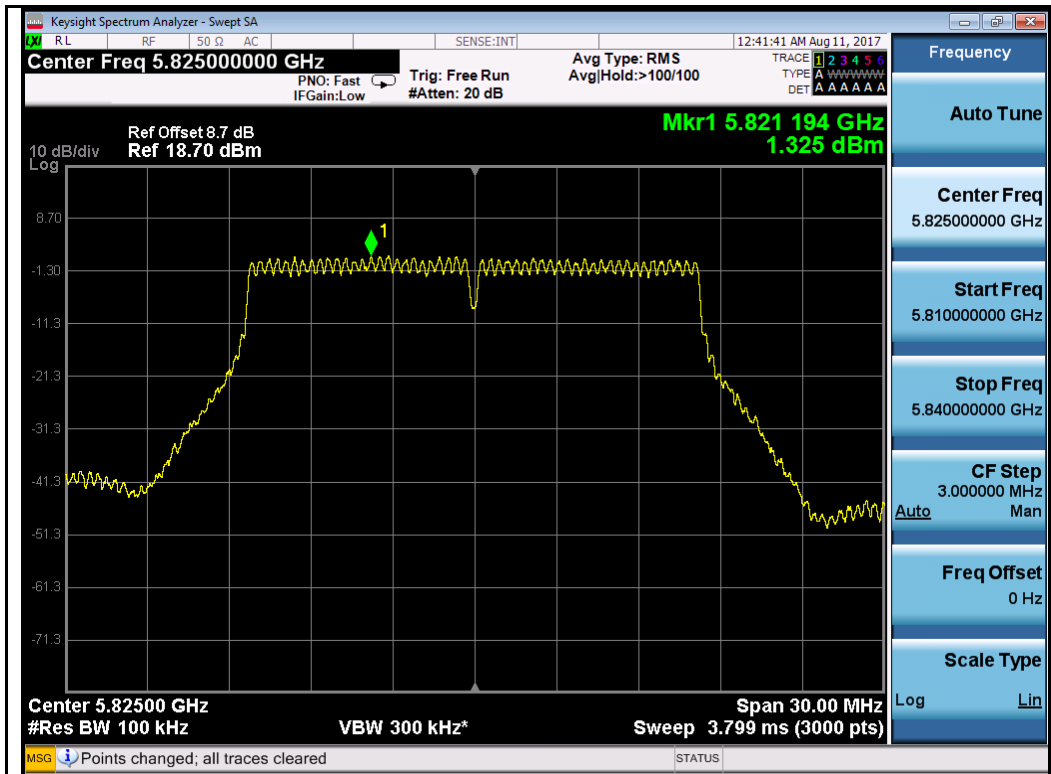
Chain 3:



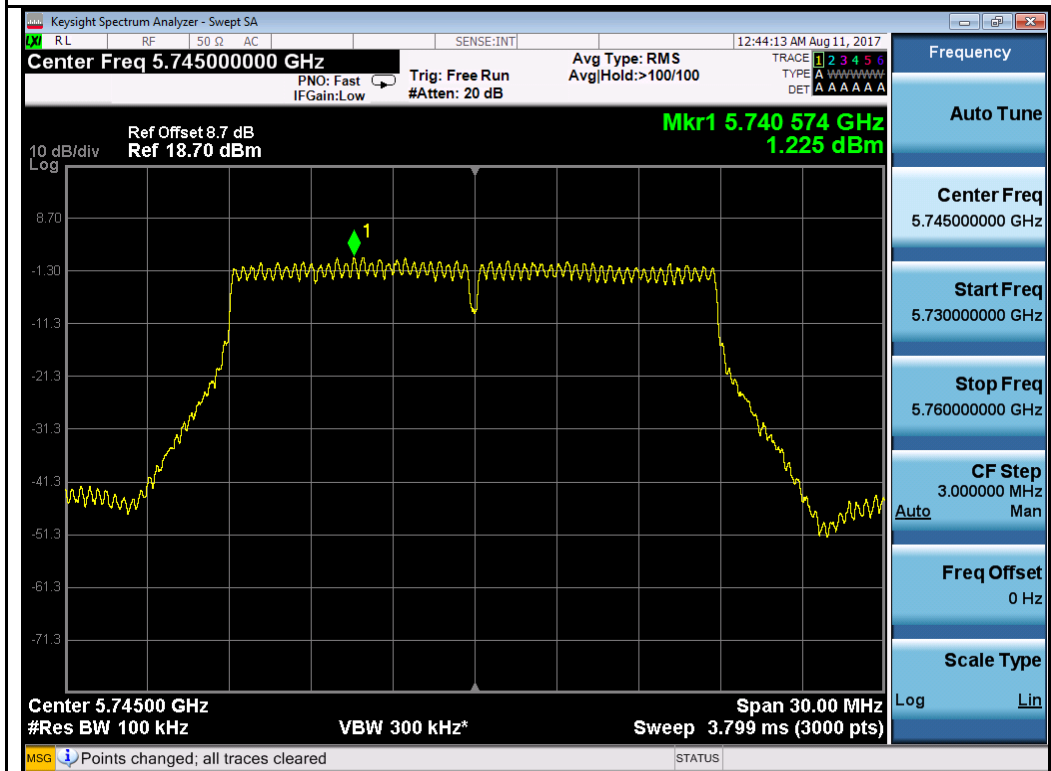
802.11a-5745MHz



802.11a-5785MHz

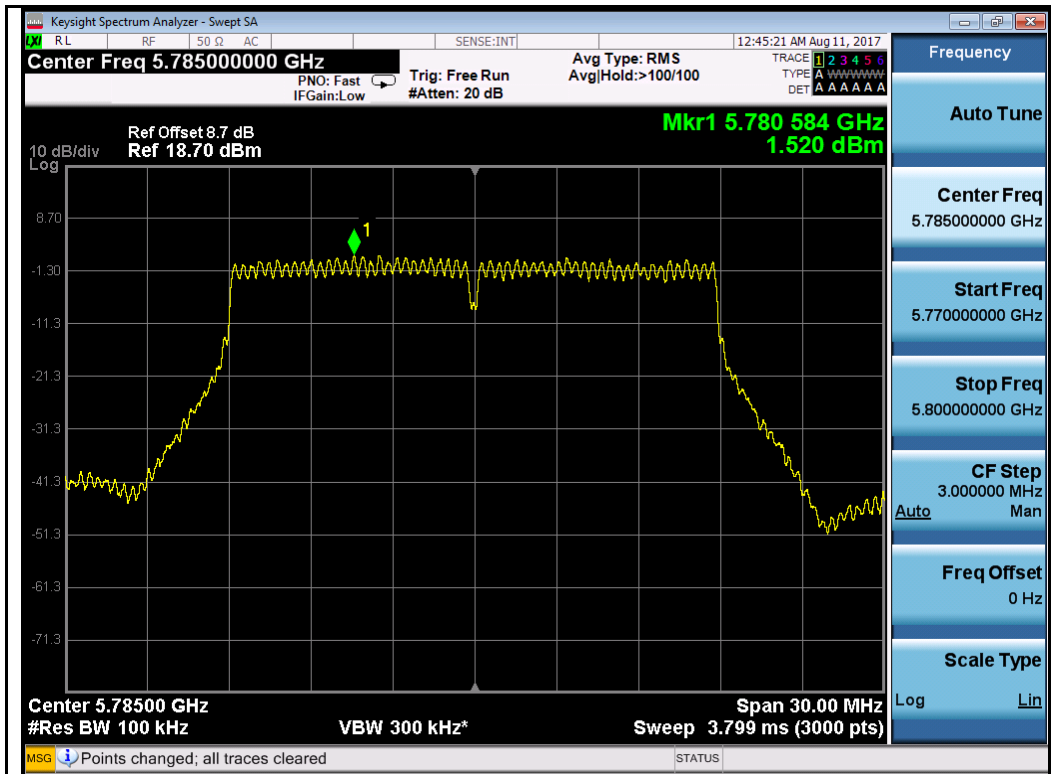


802.11a-5825MHz

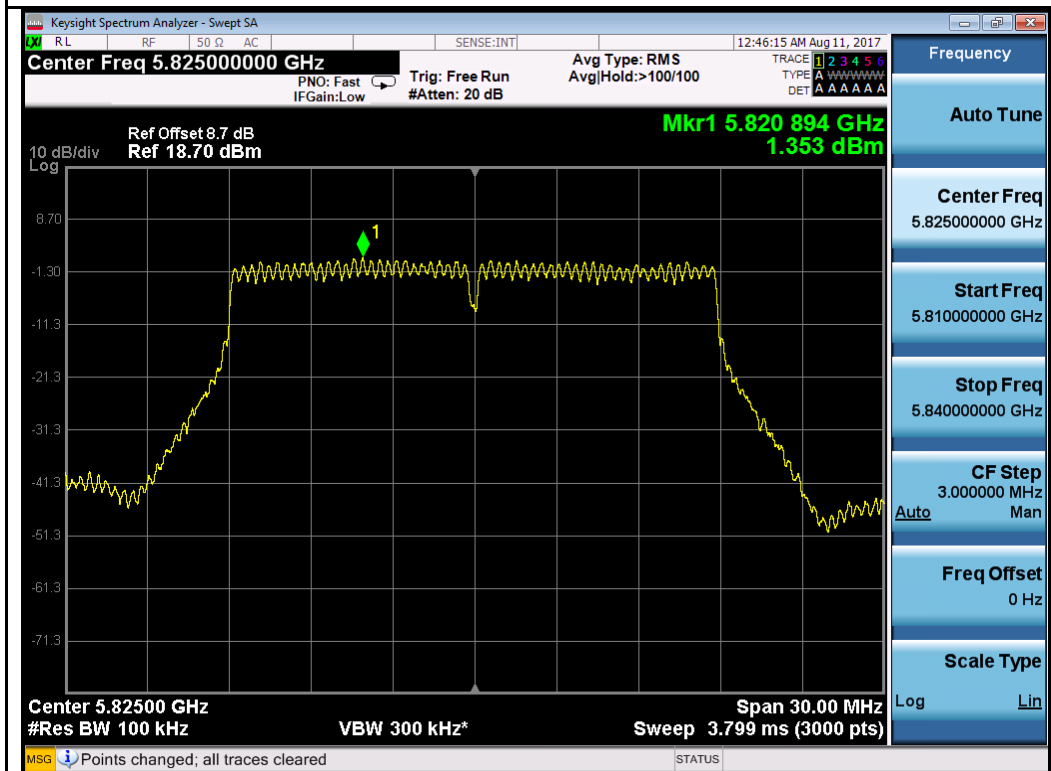


802.11n-HT20-5745MHz

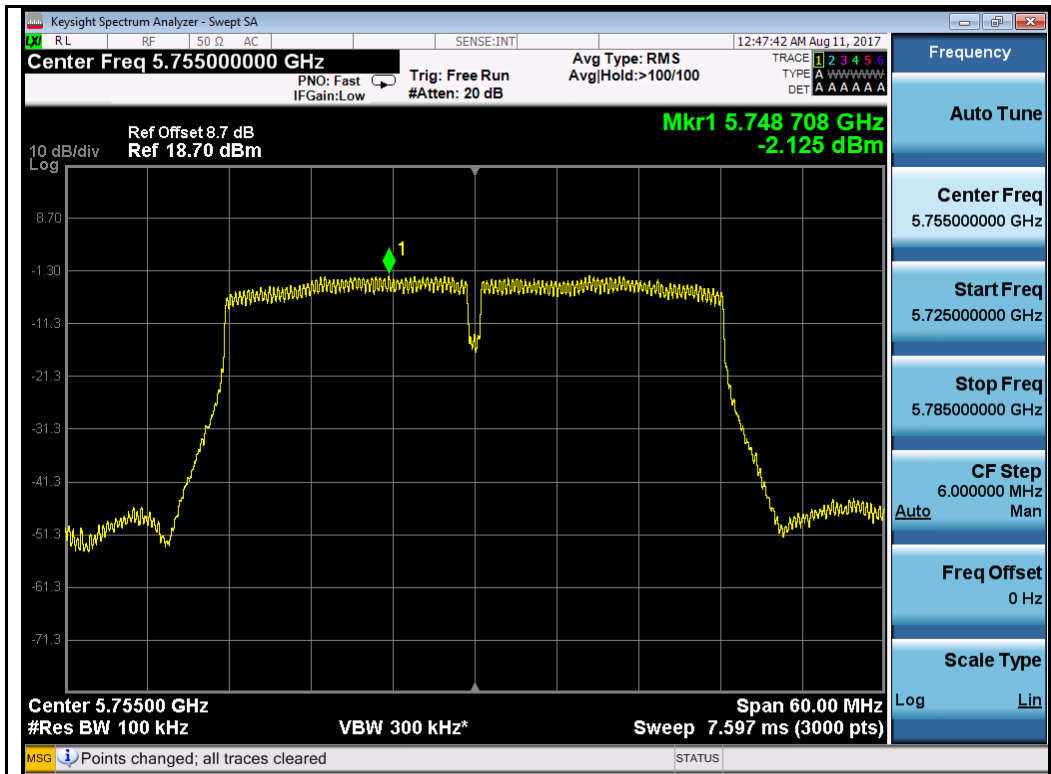




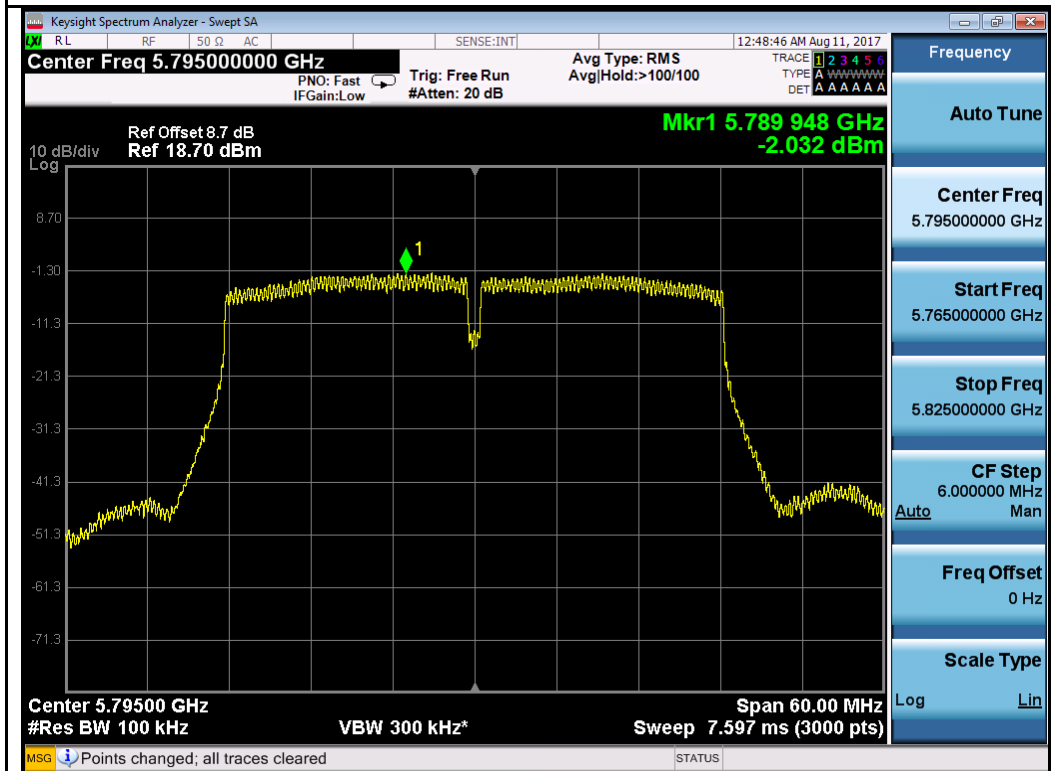
802.11n-HT20-5785MHz



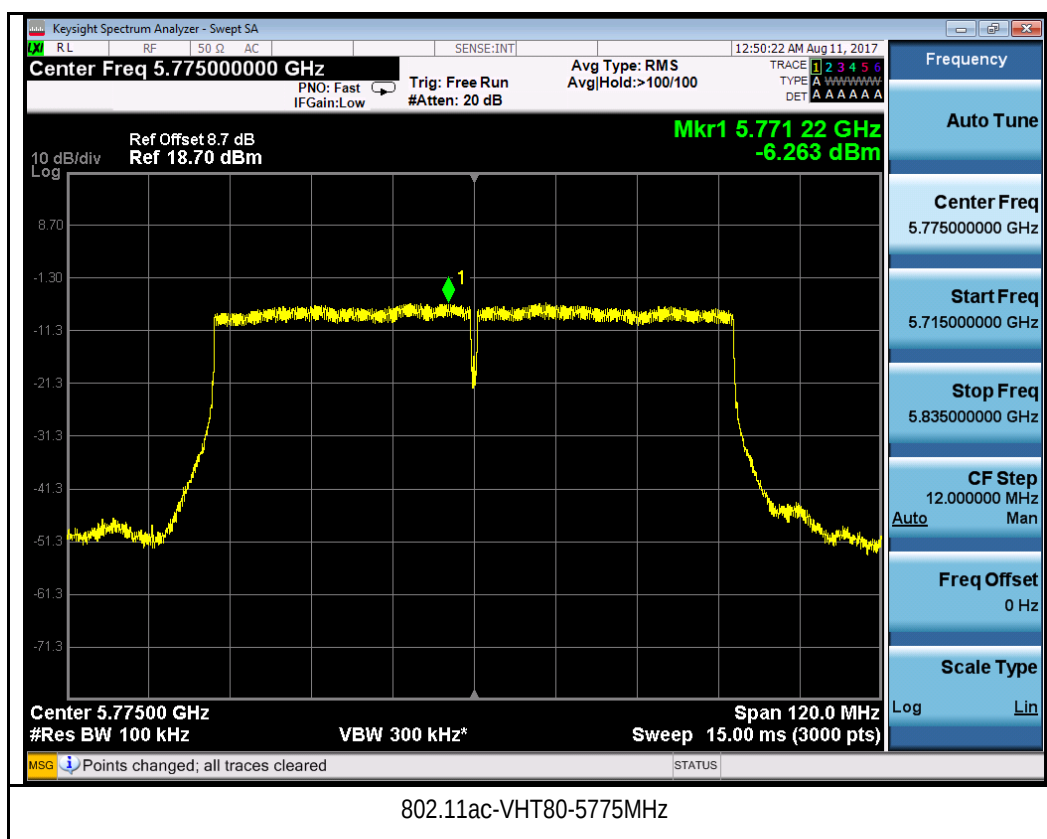
802.11n-HT20-5825MHz



802.11n-HT40-5755MHz

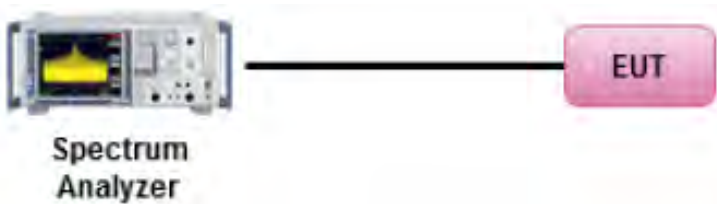


802.11n-HT40-5795MHz



## 10.5 Band Edge and Emission Mask Measurement

Requirement(s):

| Spec                                    | Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Applicable                          |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 47CFR§<br>15.407(b)(2),<br>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 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                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |
| 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                                  | Antenna gain was added to the offset.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |
| Result                                  | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |

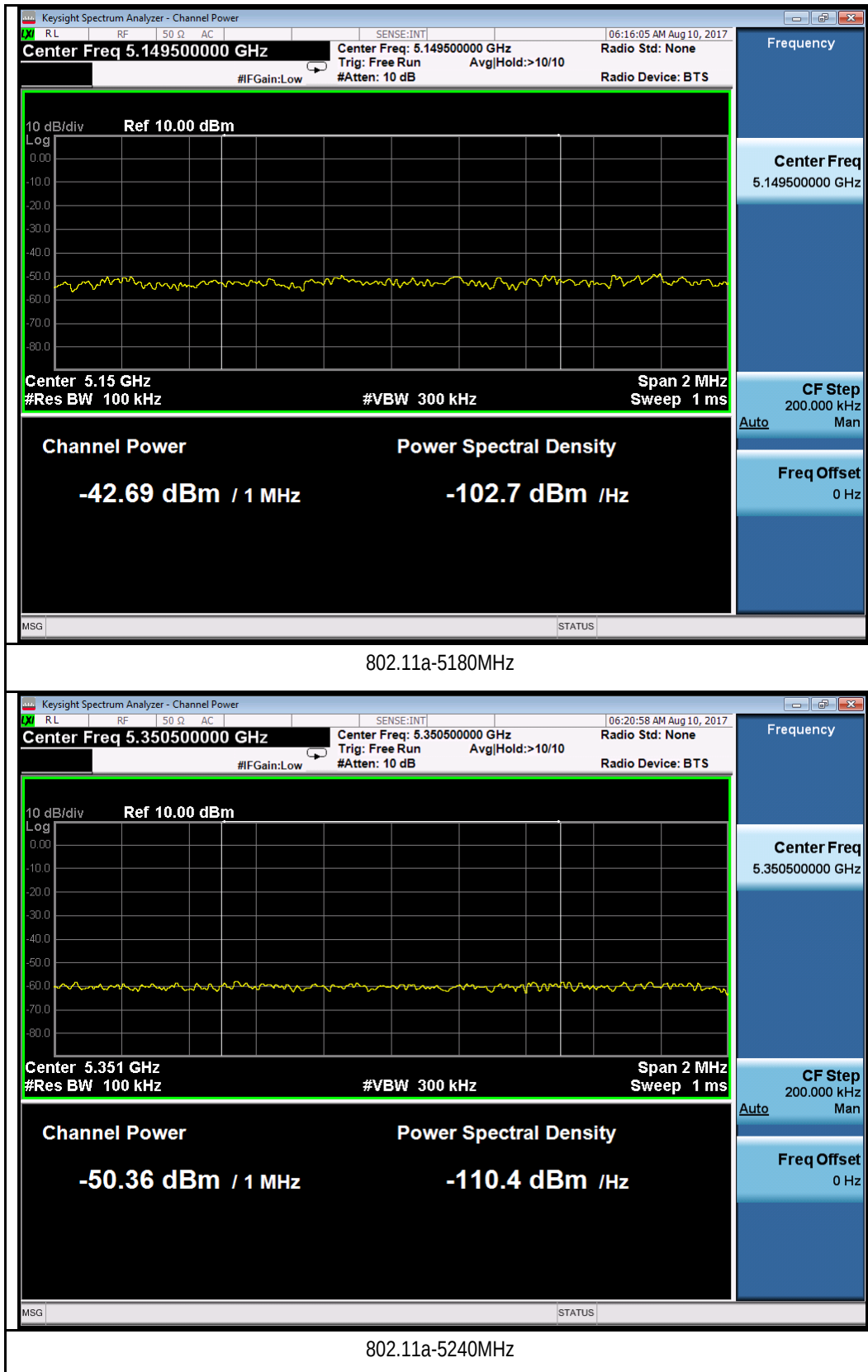
Test Data   ☐ Yes (See below)      ☒ N/A

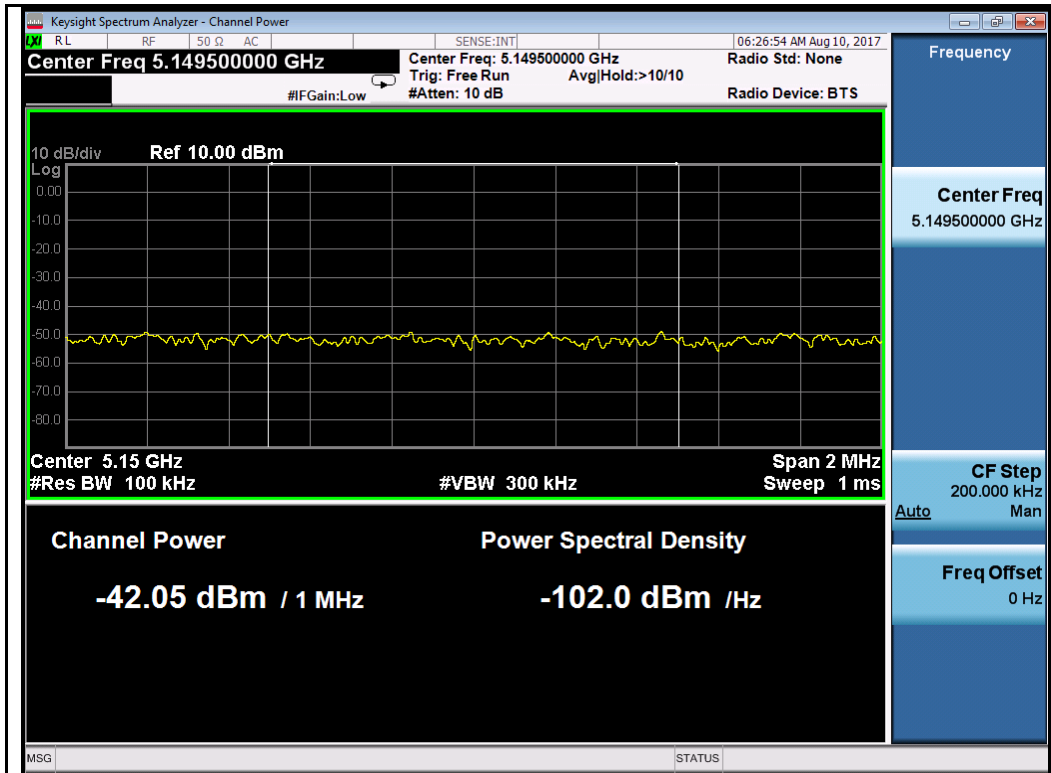
Test Plot   ☒ Yes (See below)      ☐ N/A

Test was done by Rachana Khanduri at RF test site.

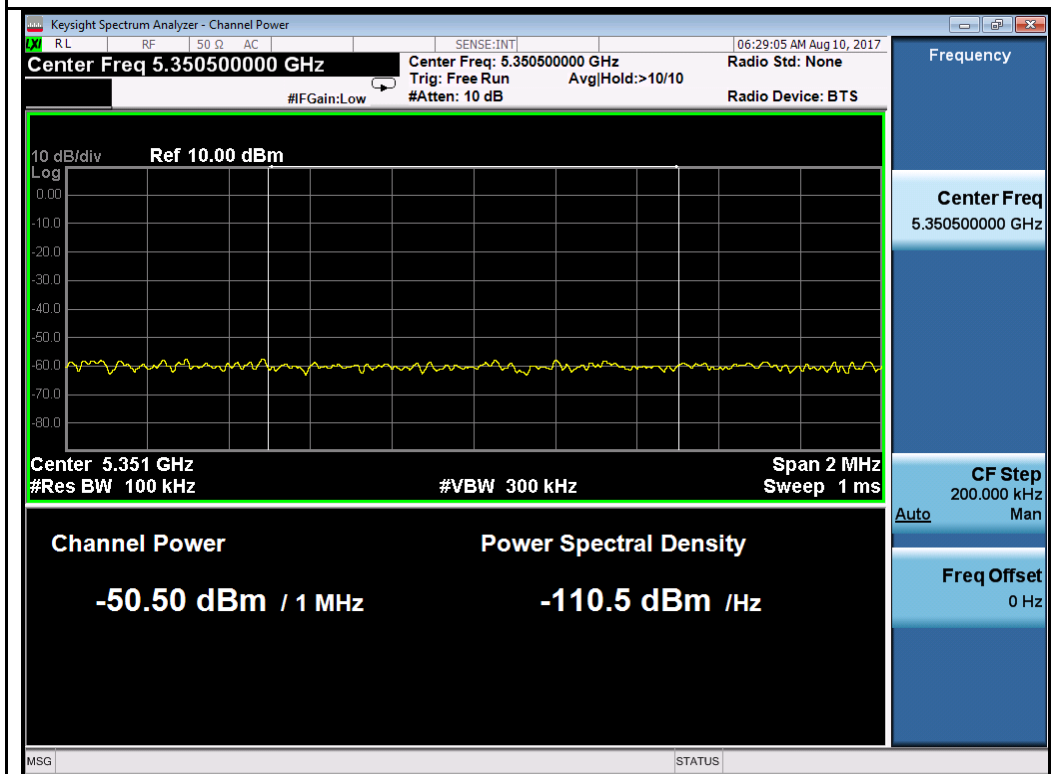
Test Plot for W52:

Chain 0:

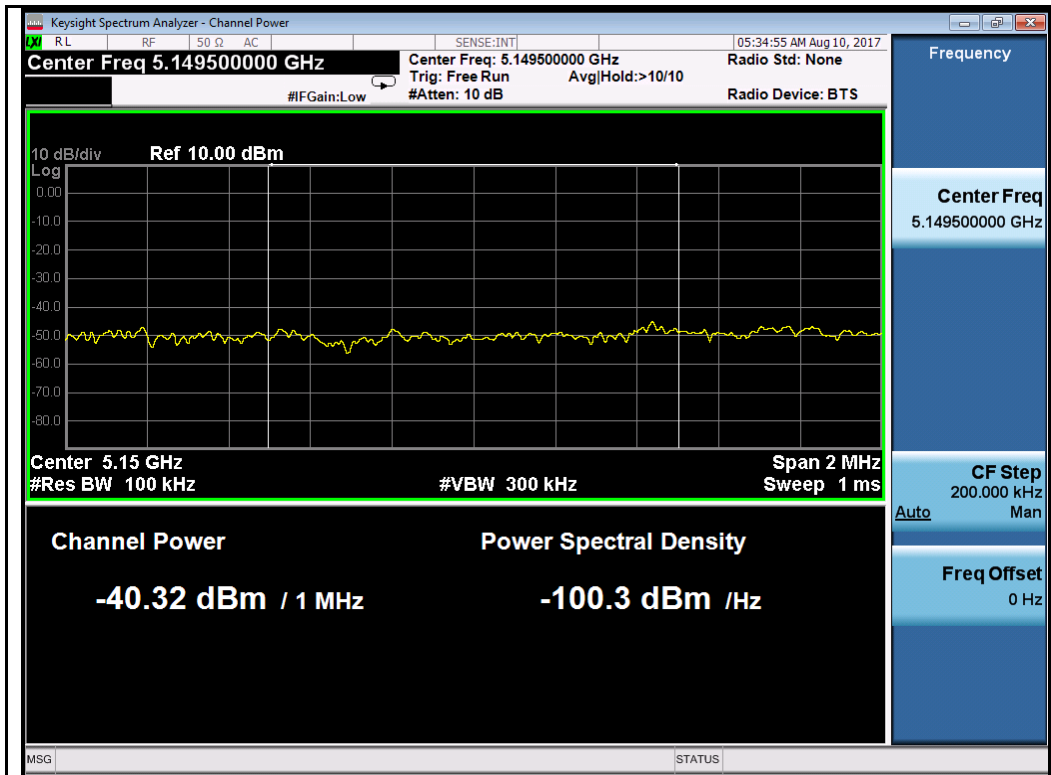




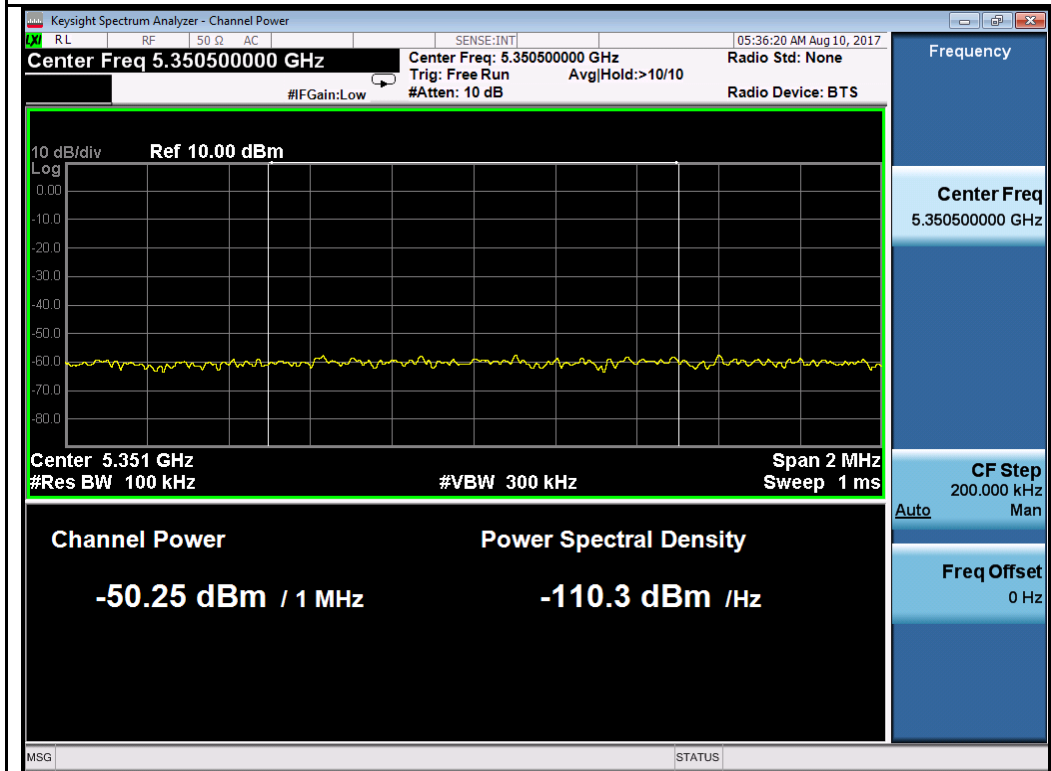
802.11n-HT20-5180MHz



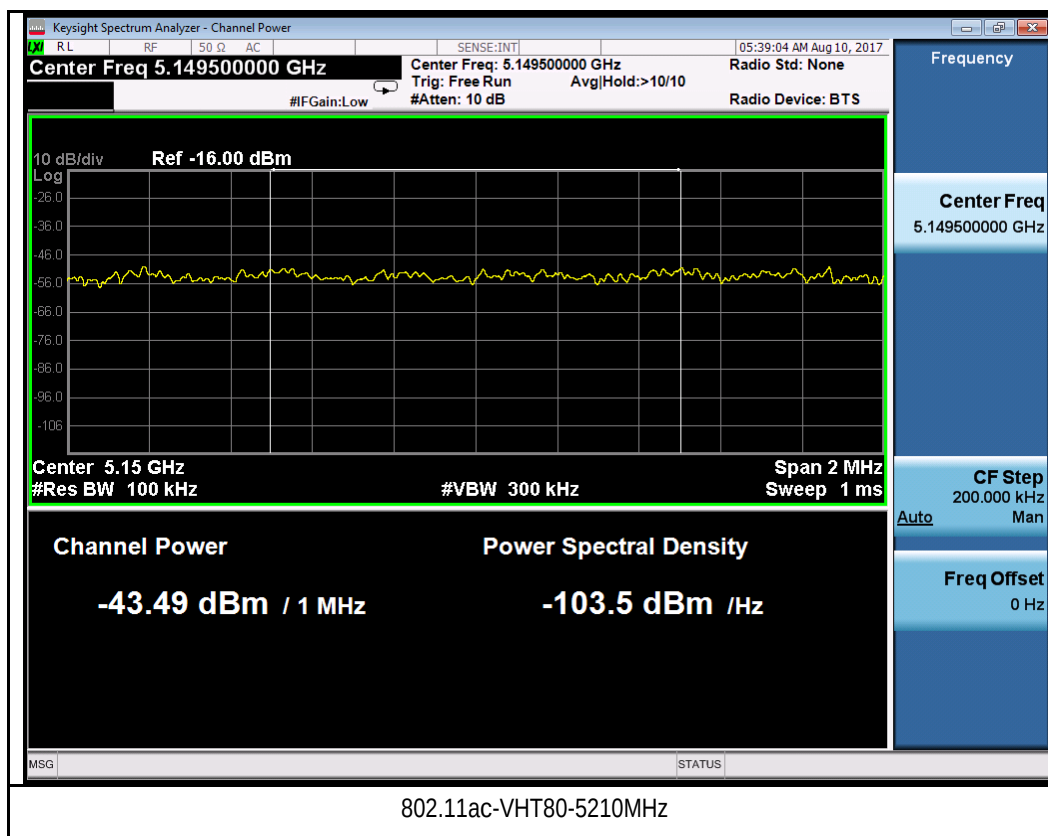
802.11n-HT20-5240MHz



802.11n-HT40-5190MHz

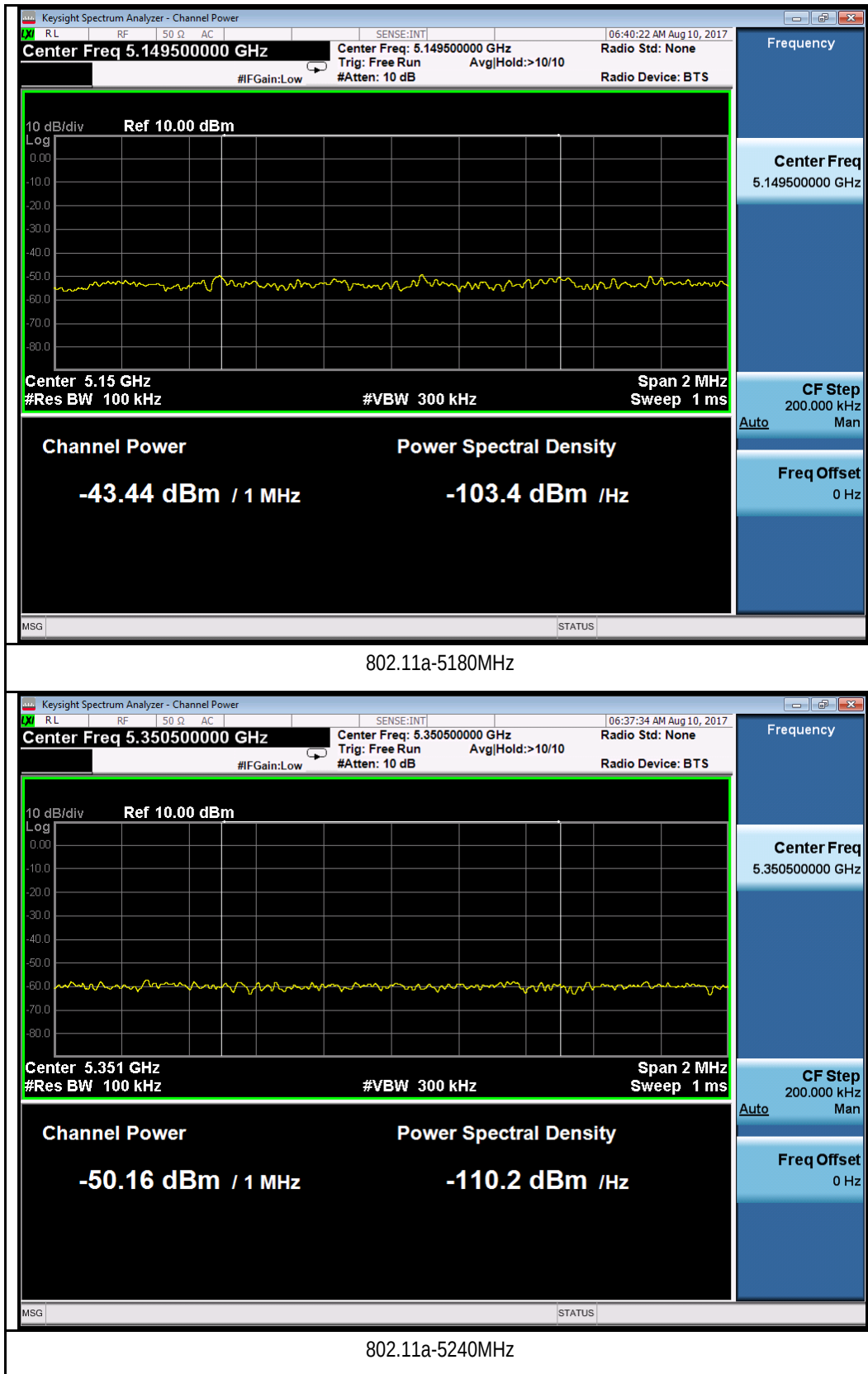


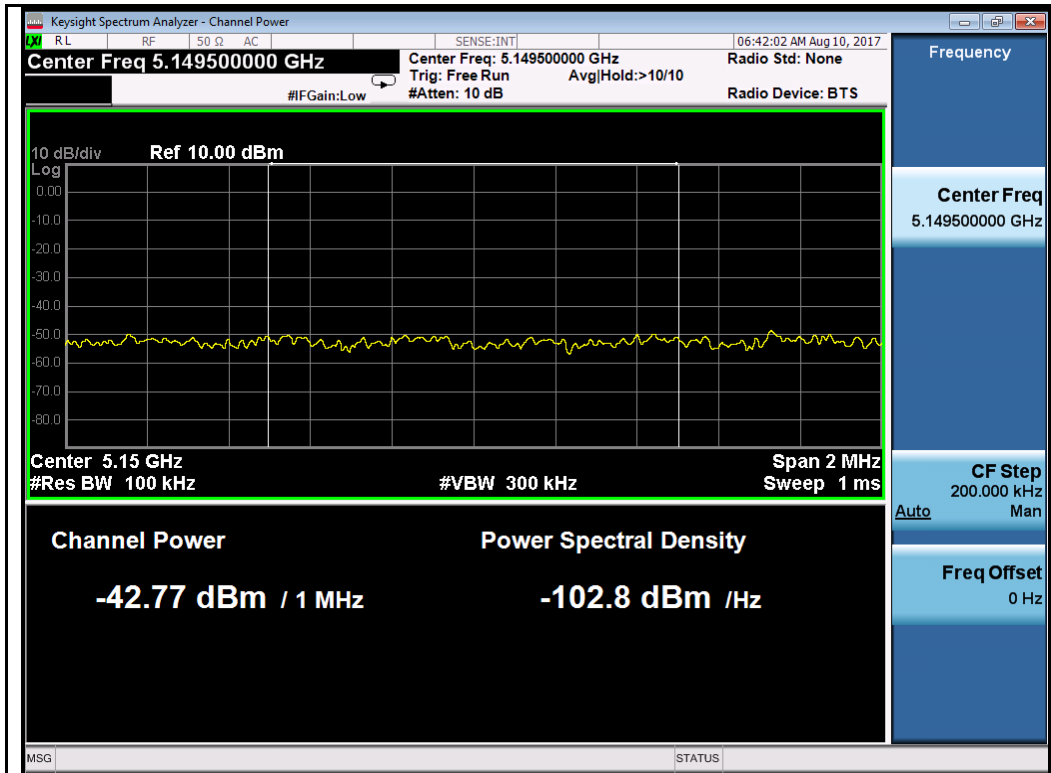
802.11n-HT40-5230MHz



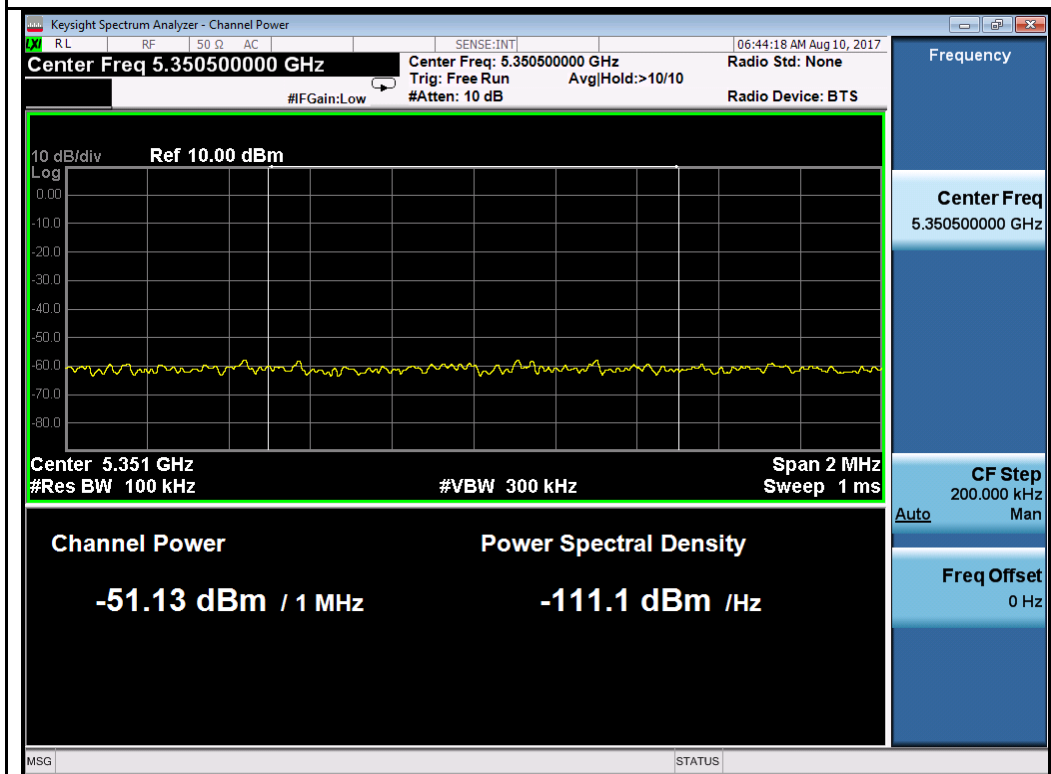


Chain 1:

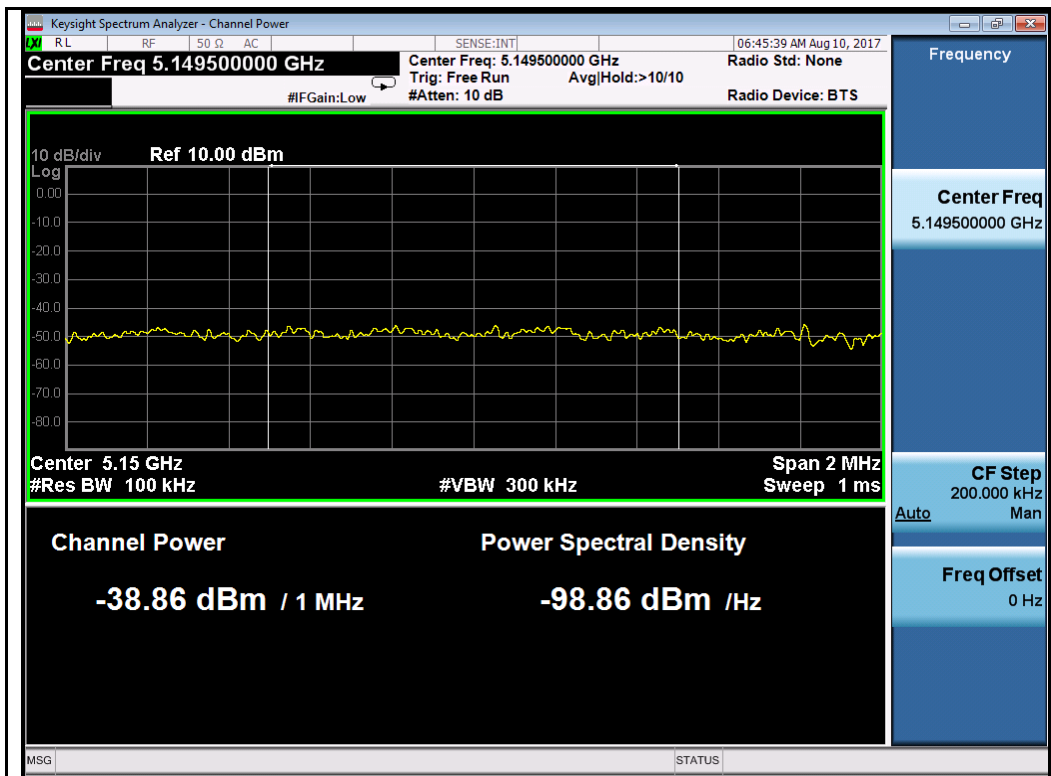




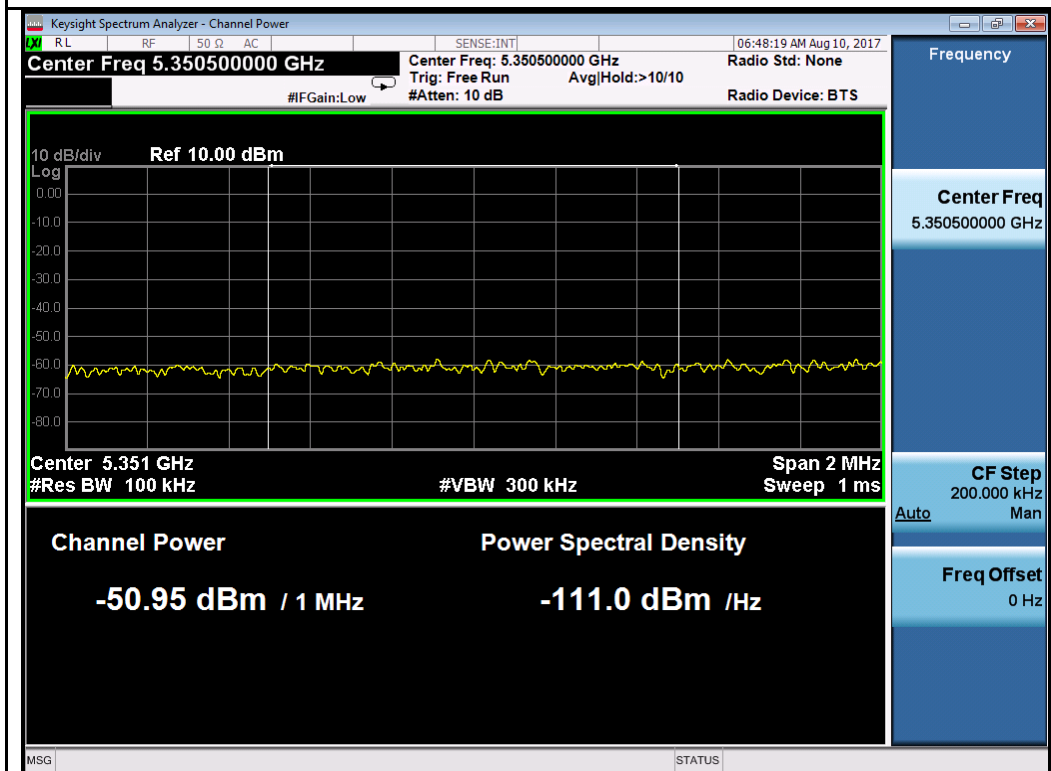
802.11n-HT20-5180MHz



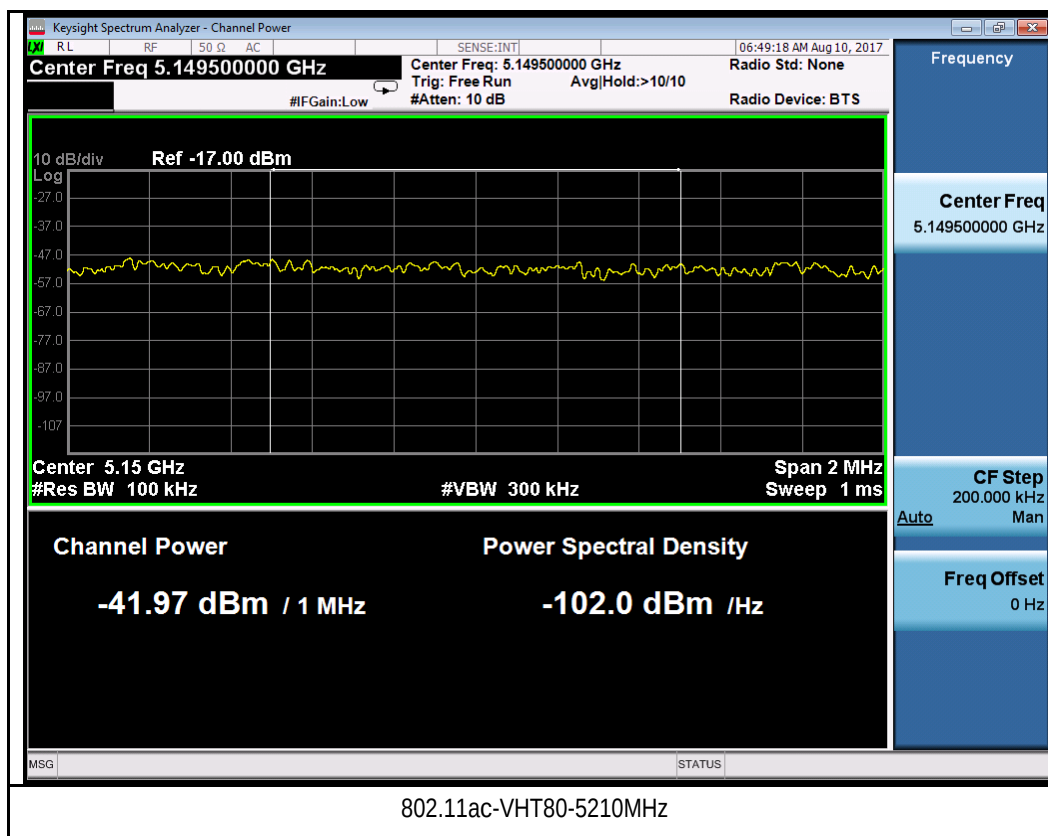
802.11n-HT20-5240MHz



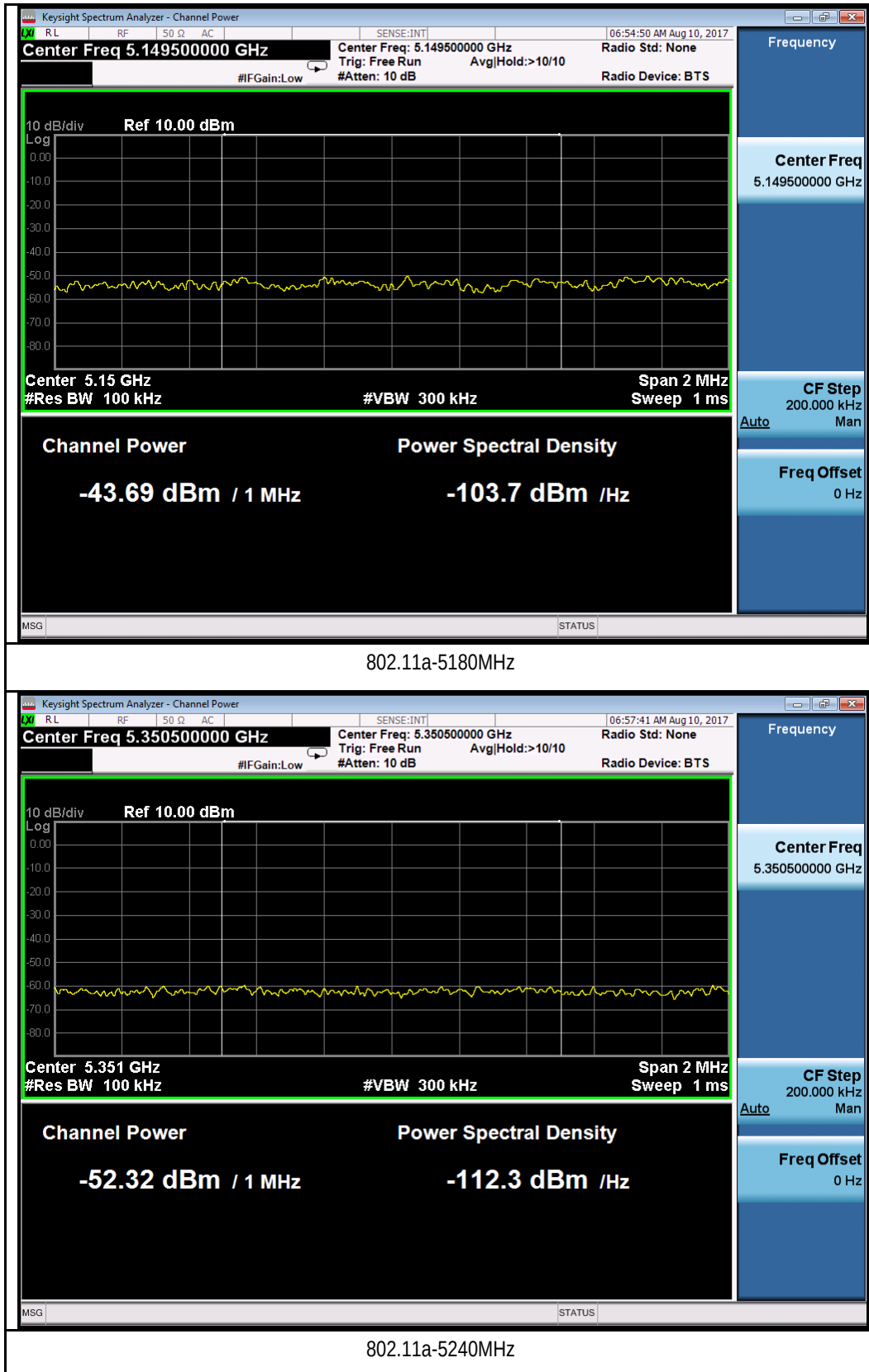
802.11n-HT40-5190MHz

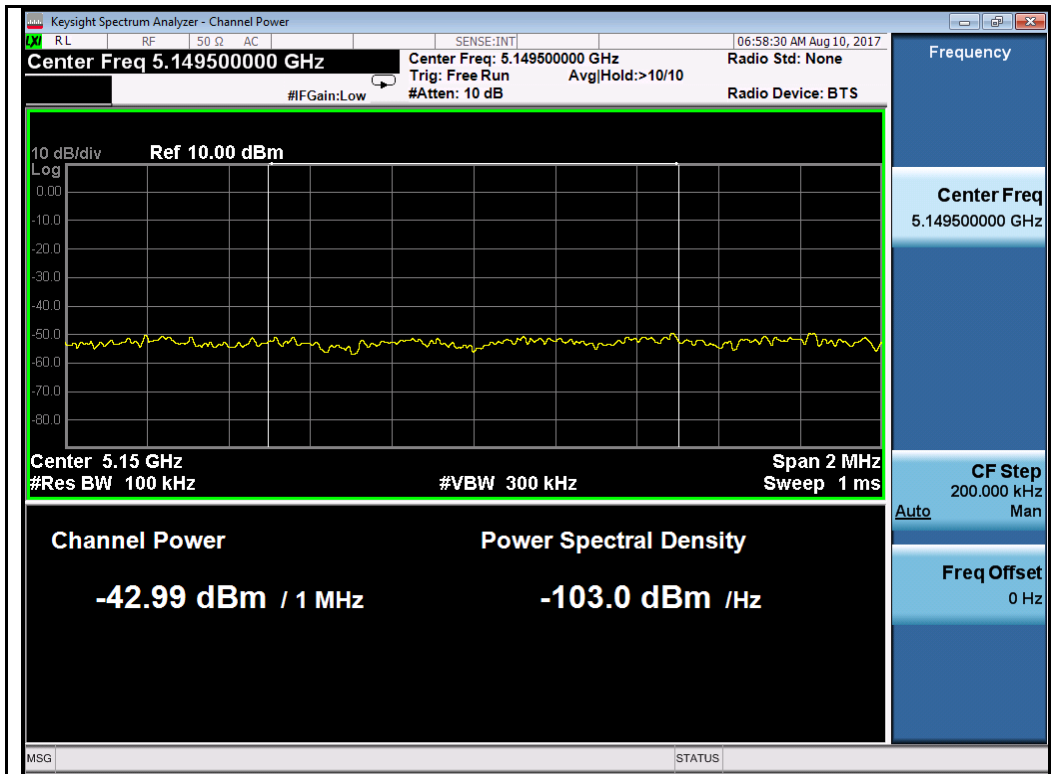


802.11n-HT40-5230MHz

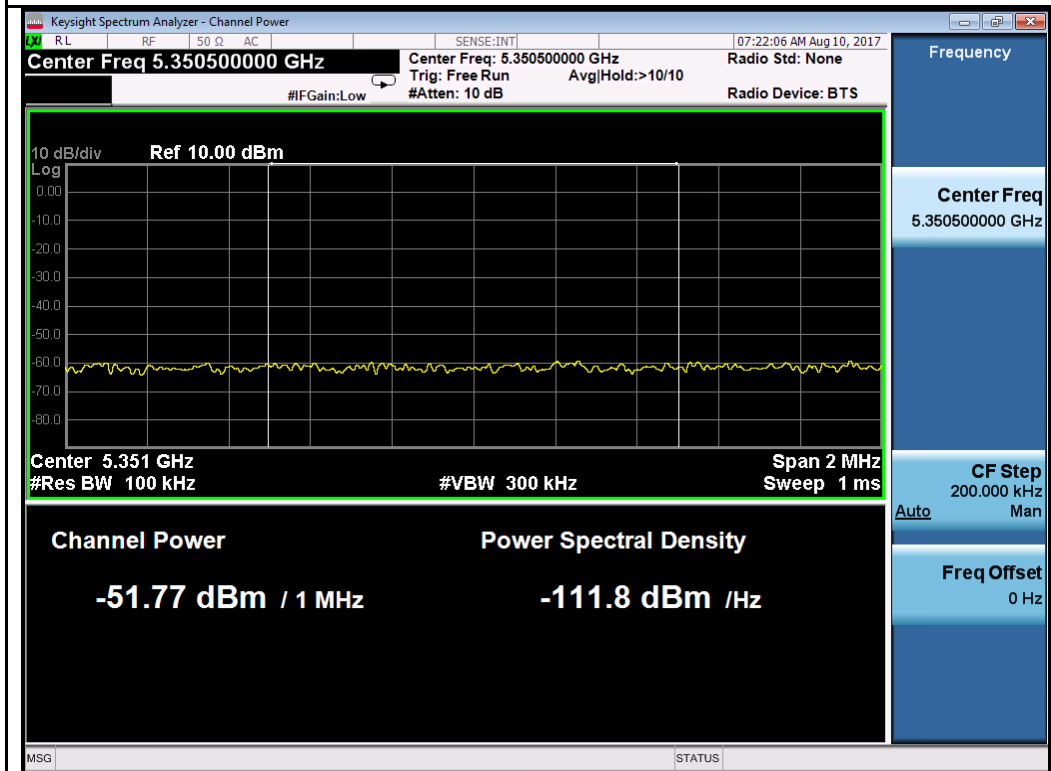


Chain 2:

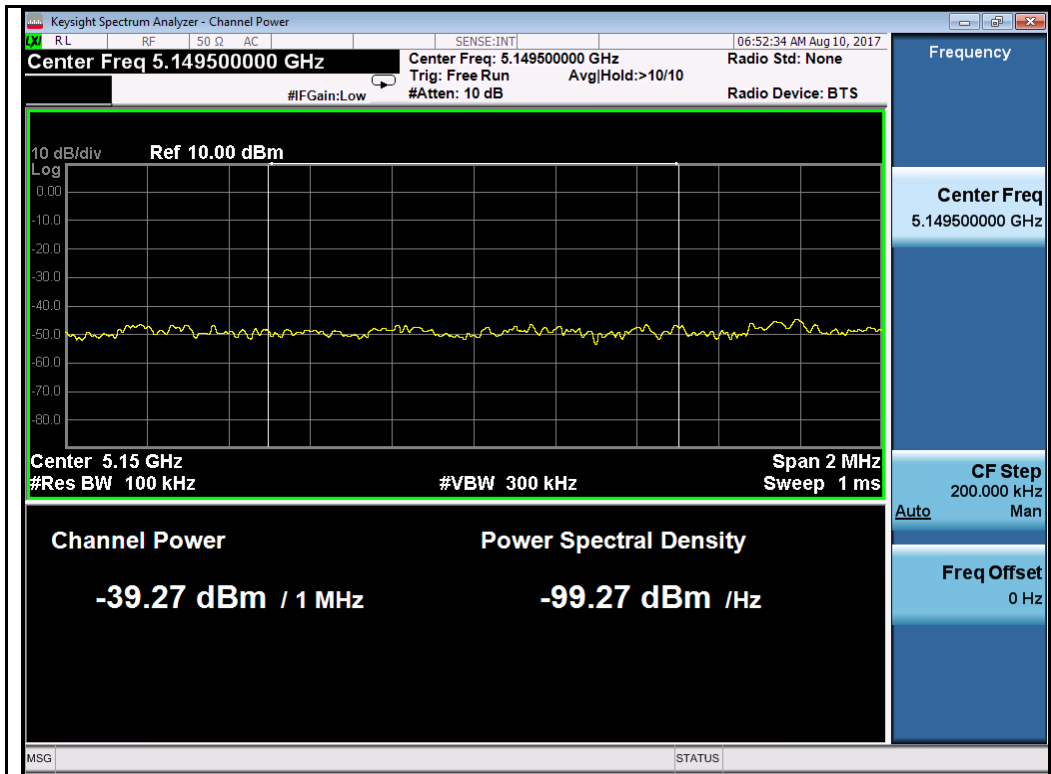




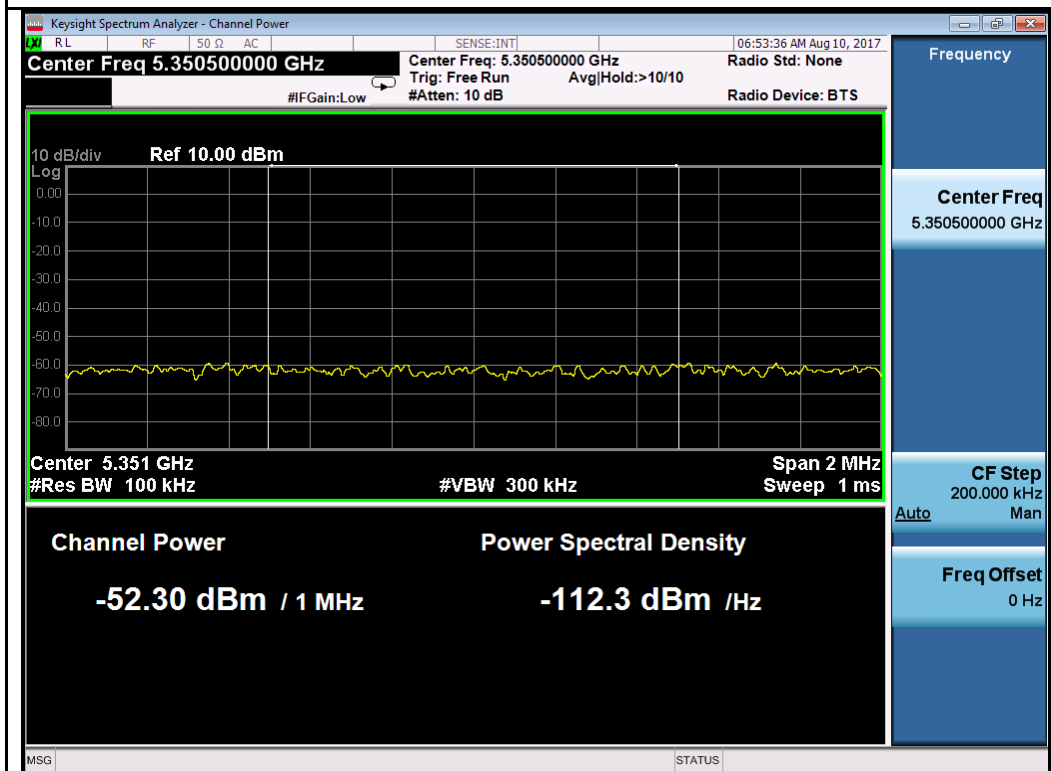
802.11n-HT20-5180MHz



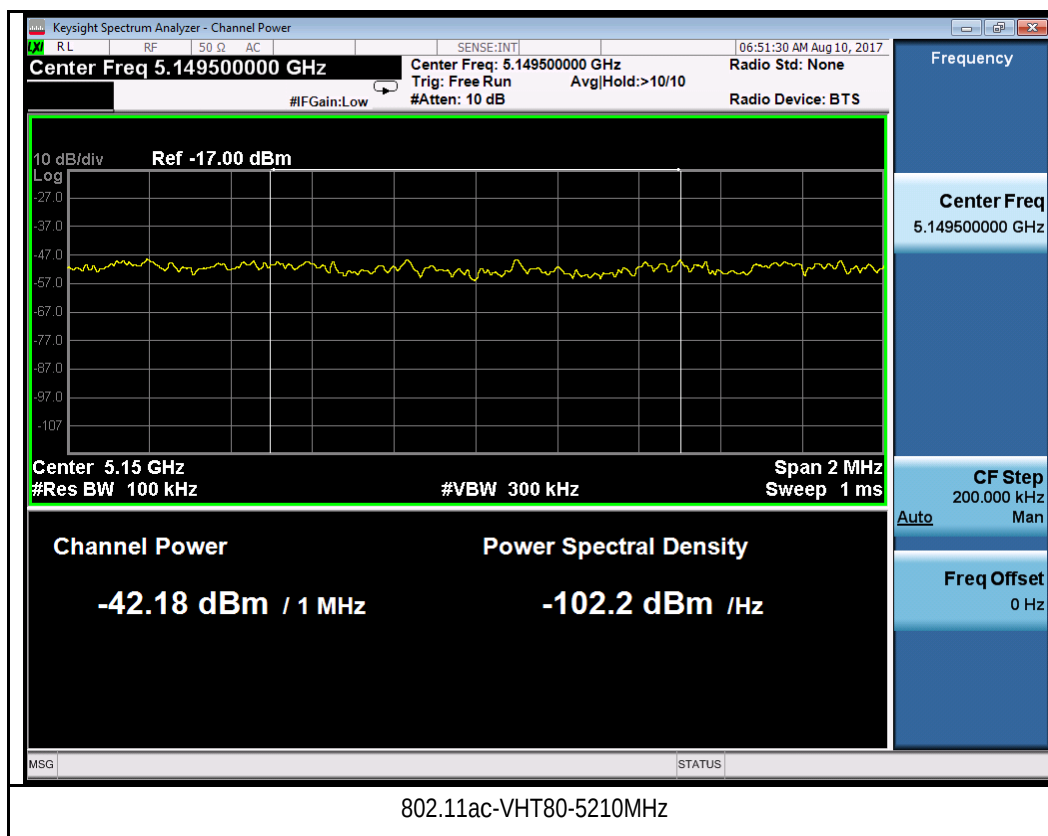
802.11n-HT20-5240MHz



802.11n-HT40-5190MHz

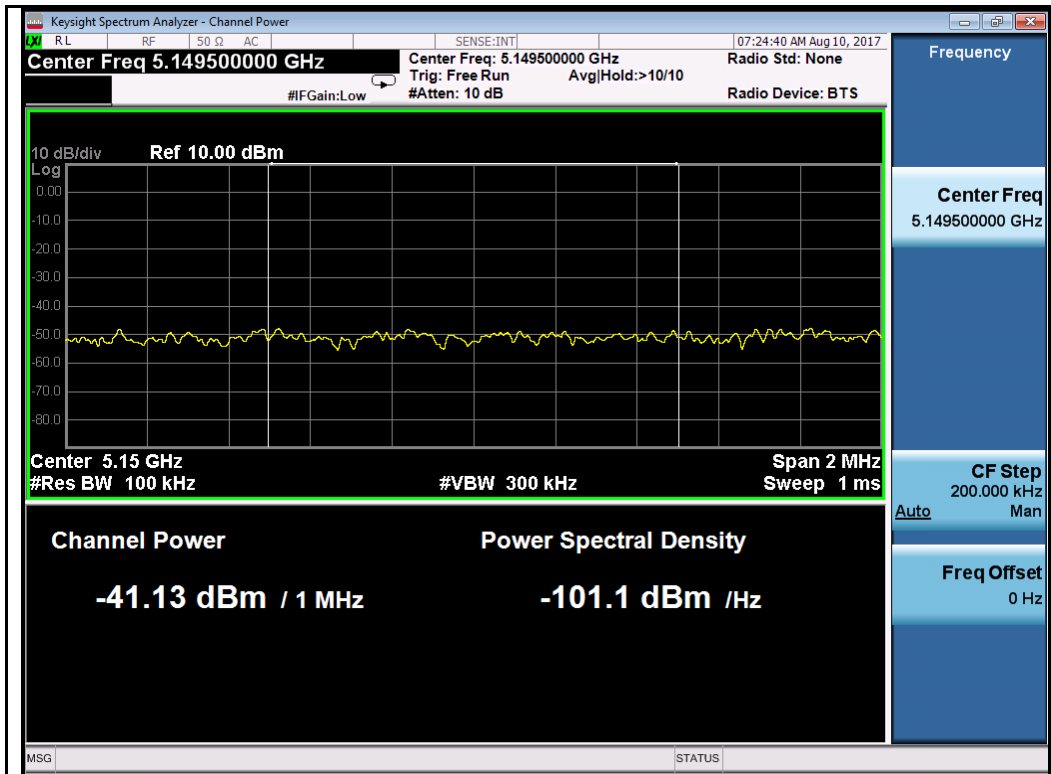


802.11n-HT40-5230MHz

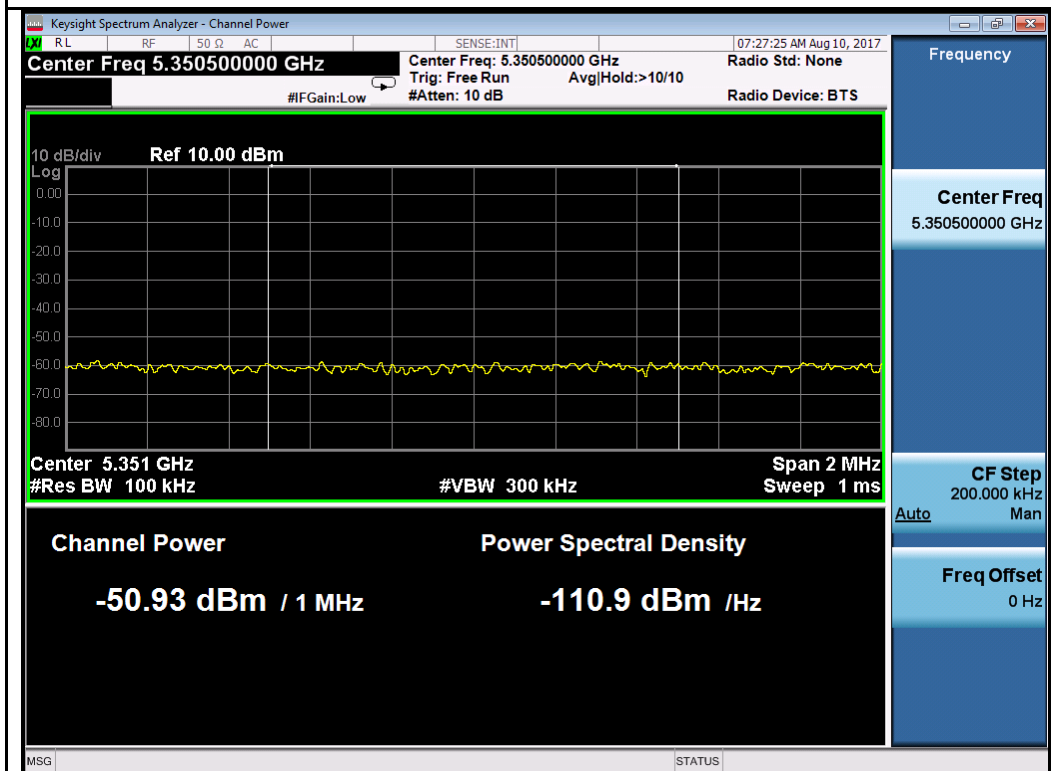




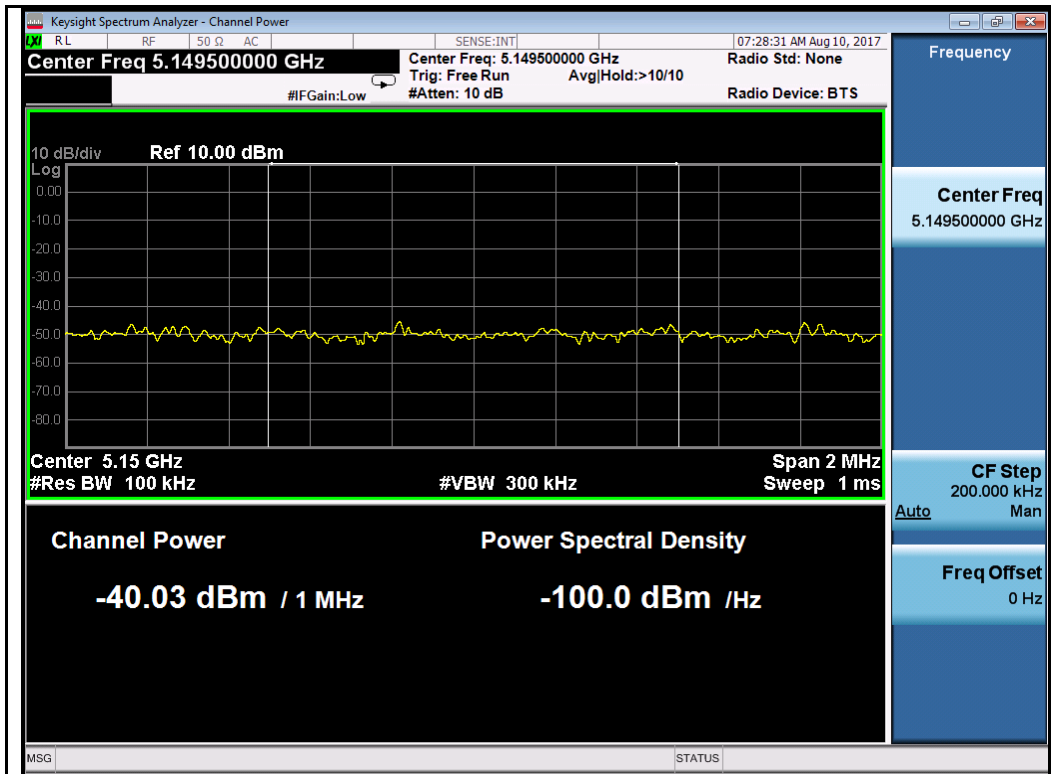
Chain 3:



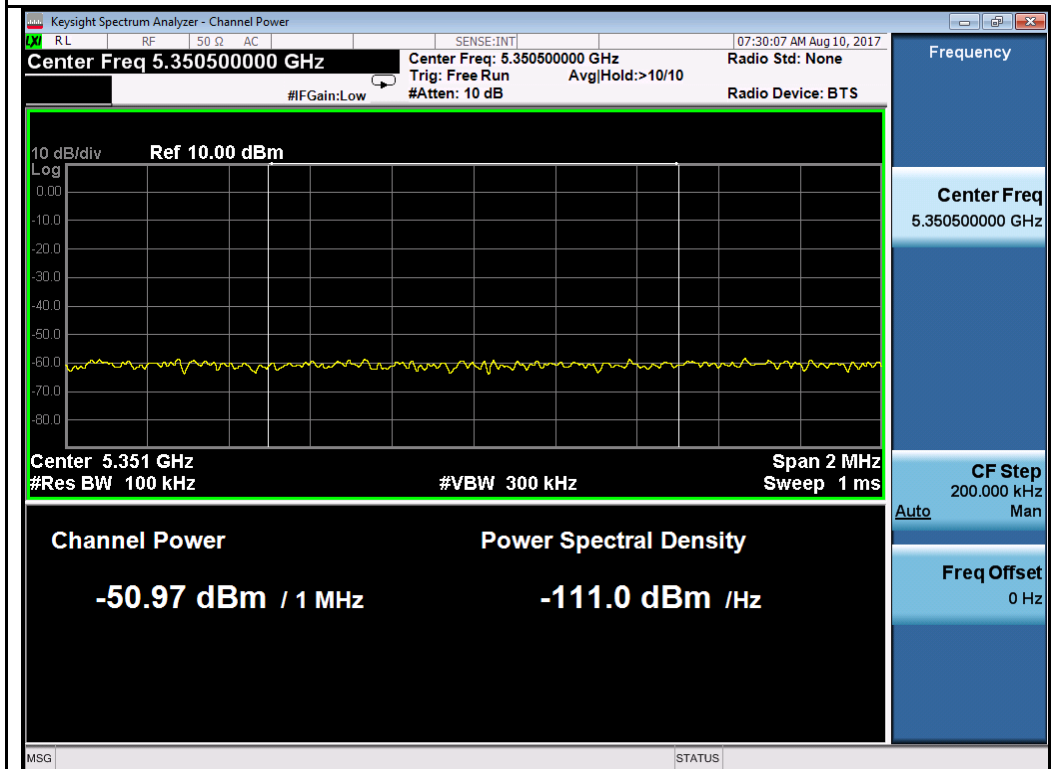
802.11a-5180MHz



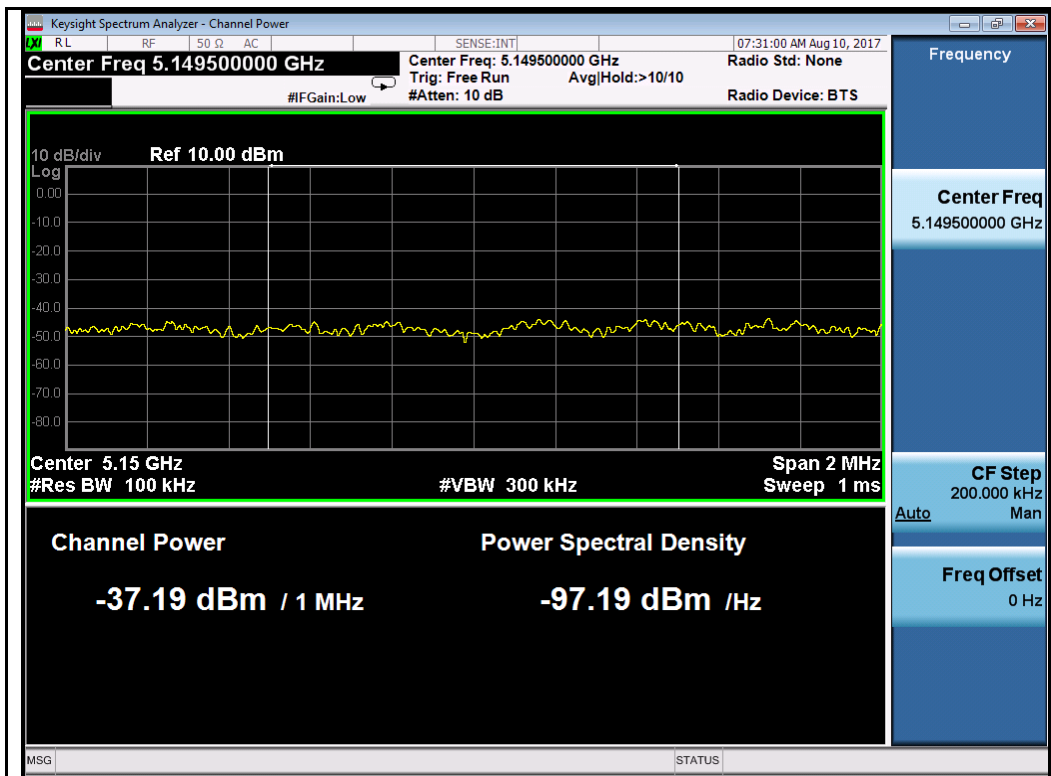
802.11a-5240MHz



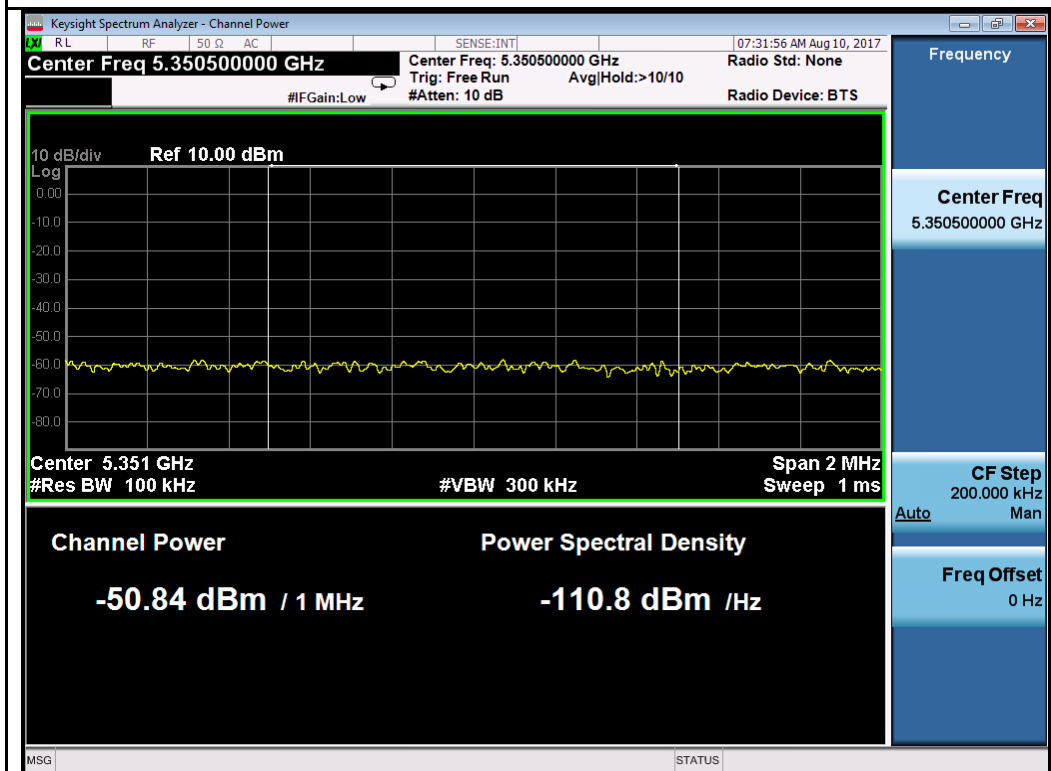
802.11n-HT20-5180MHz



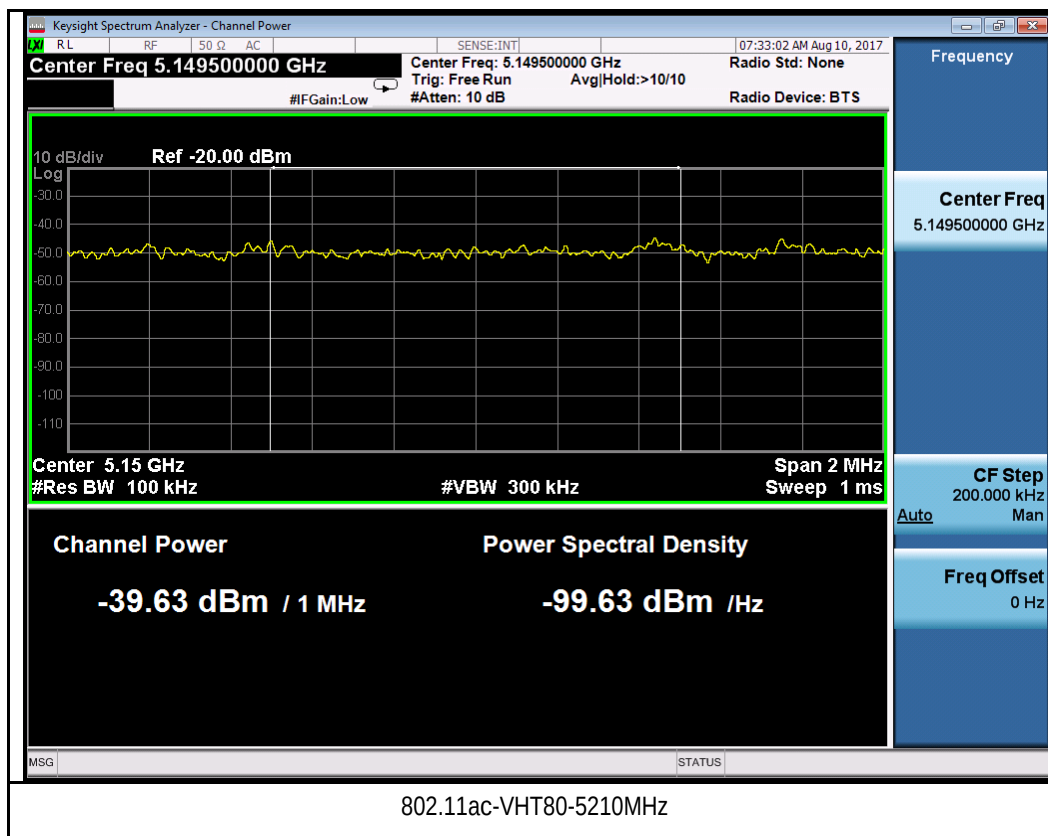
802.11n-HT20-5240MHz



802.11n-HT40-5190MHz

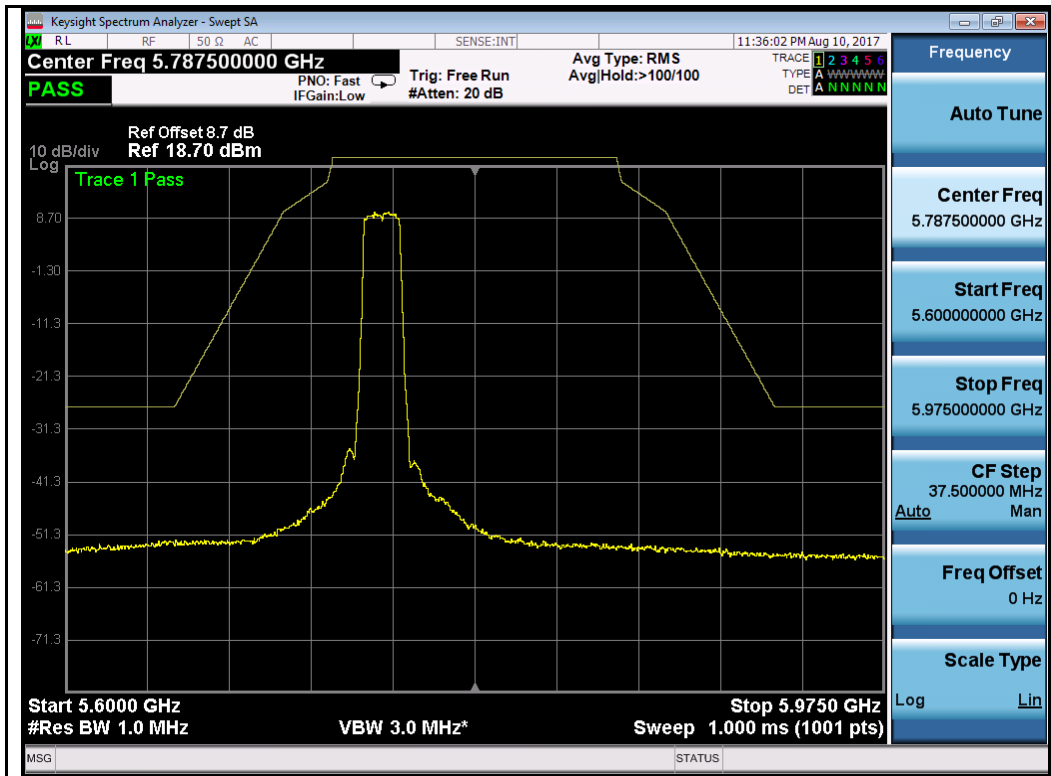


802.11n-HT40-5230MHz

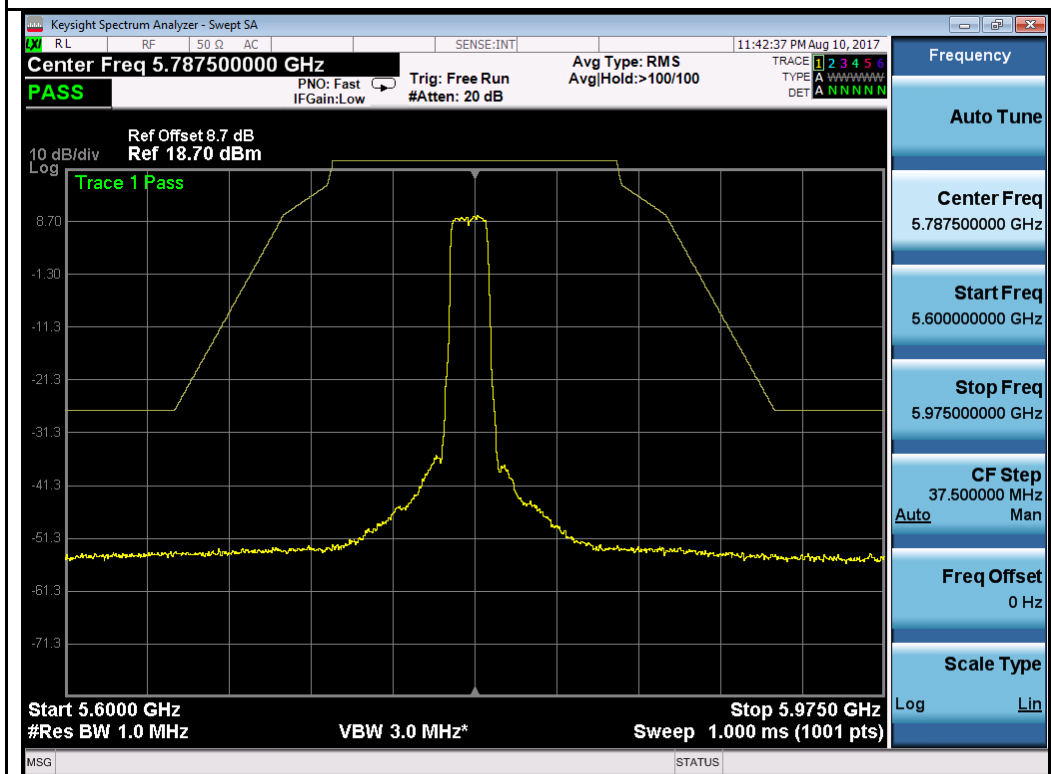


Test Plot for W58:

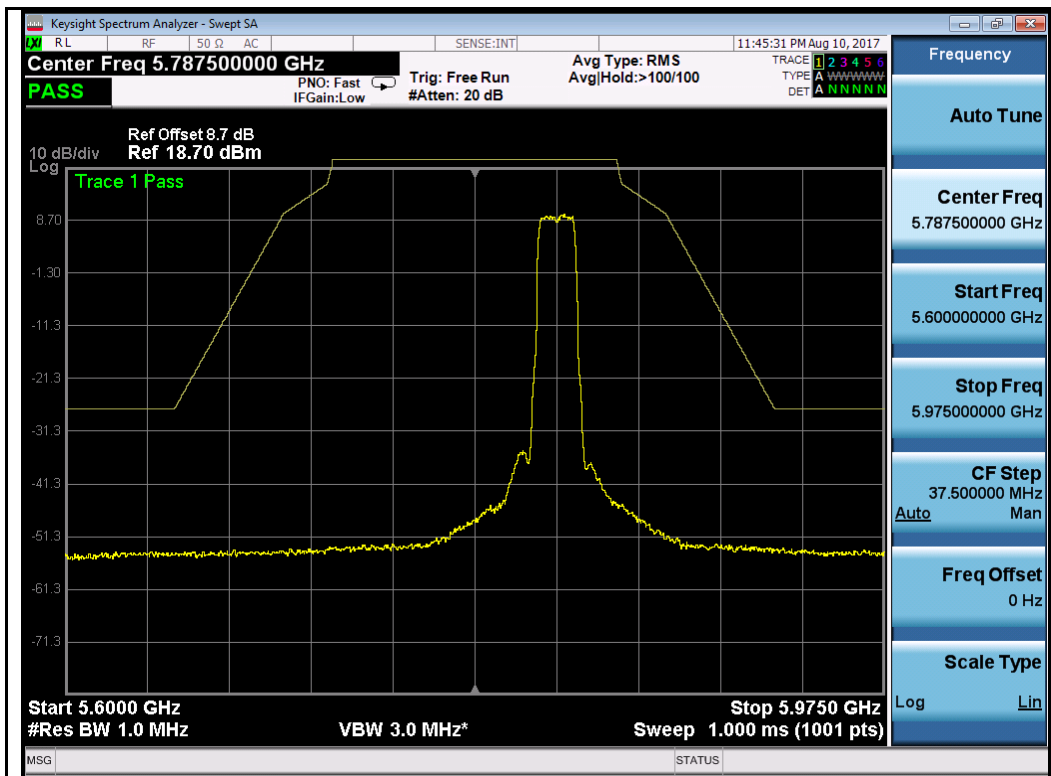
Chain 0:



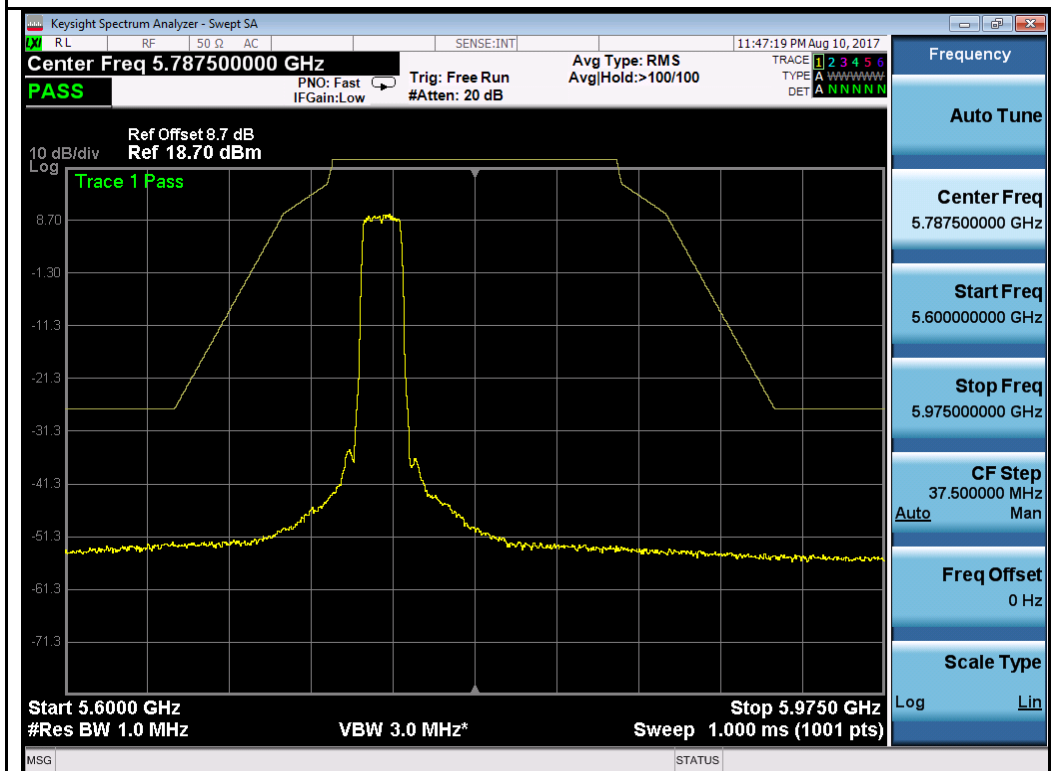
802.11a-5745MHz



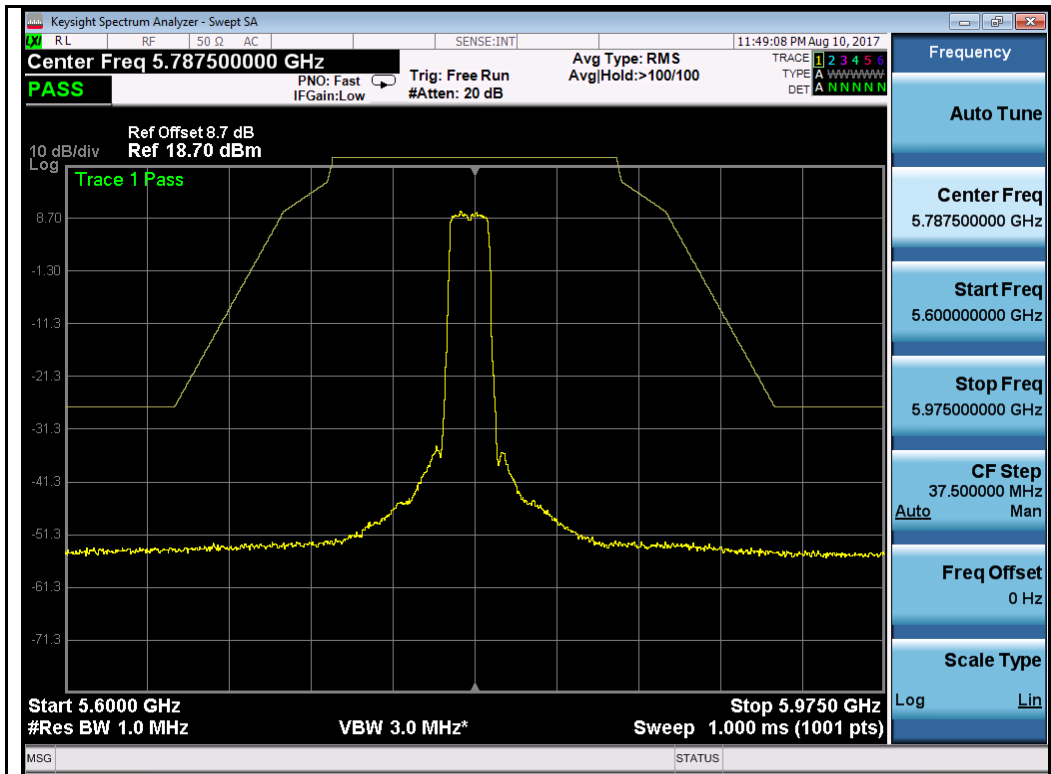
802.11a-5785MHz



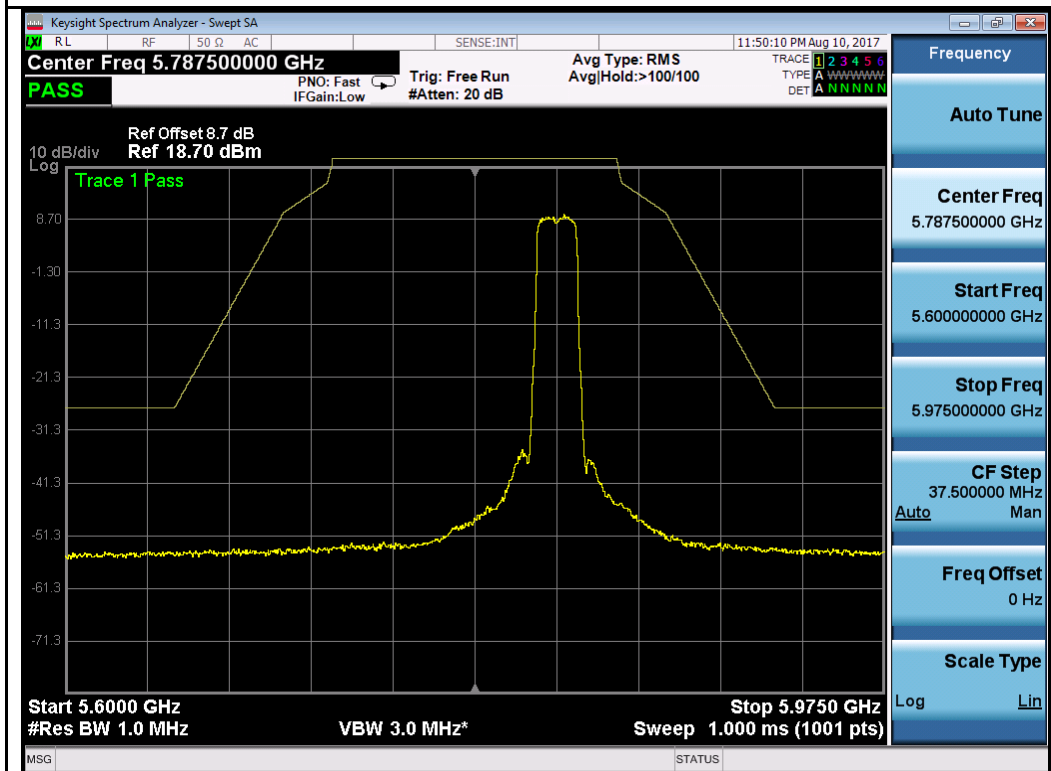
802.11a-5825MHz



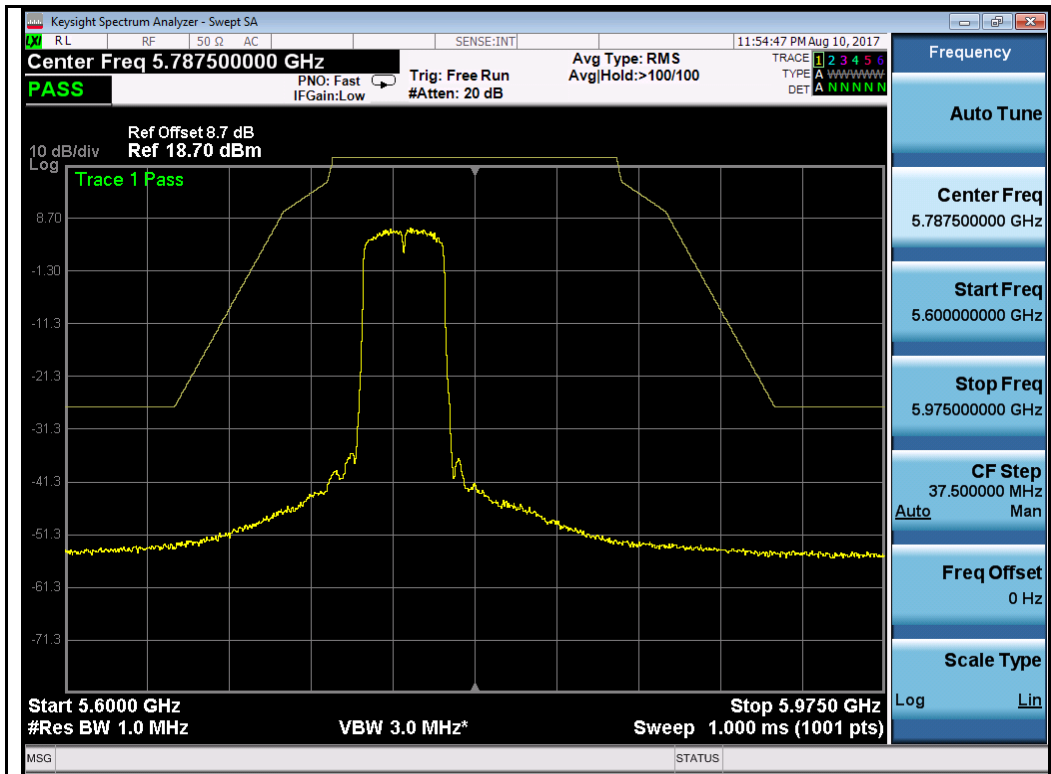
802.11n-HT20-5745MHz



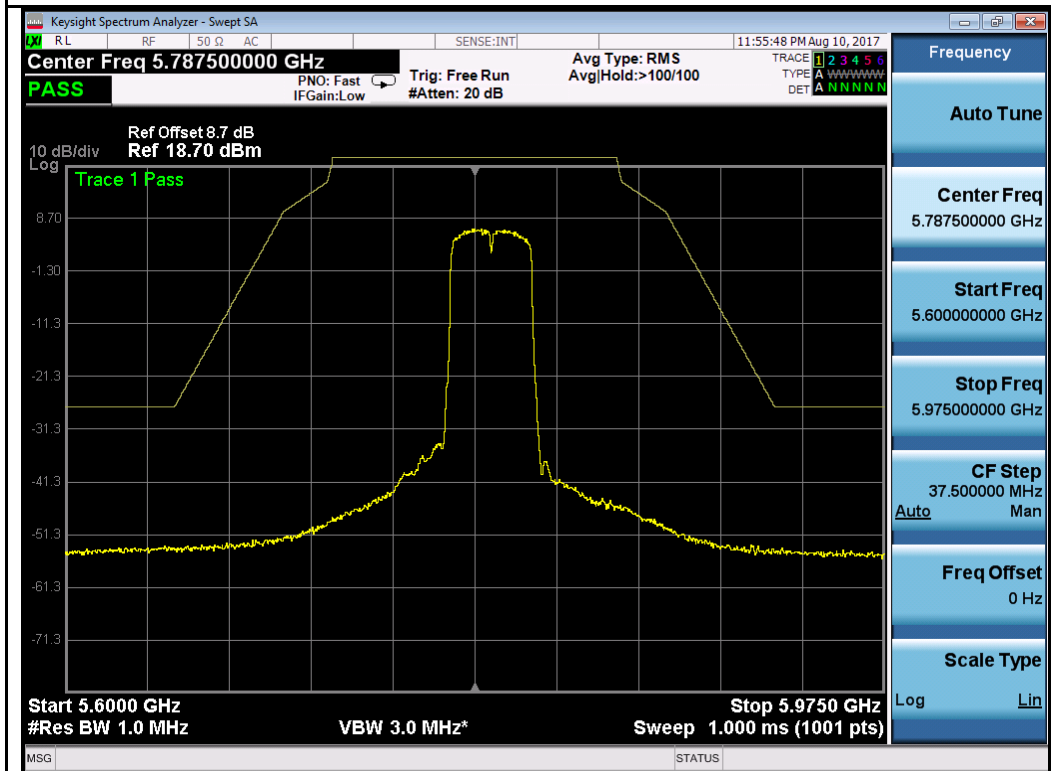
802.11n-HT20-5785MHz



802.11n-HT20-5825MHz

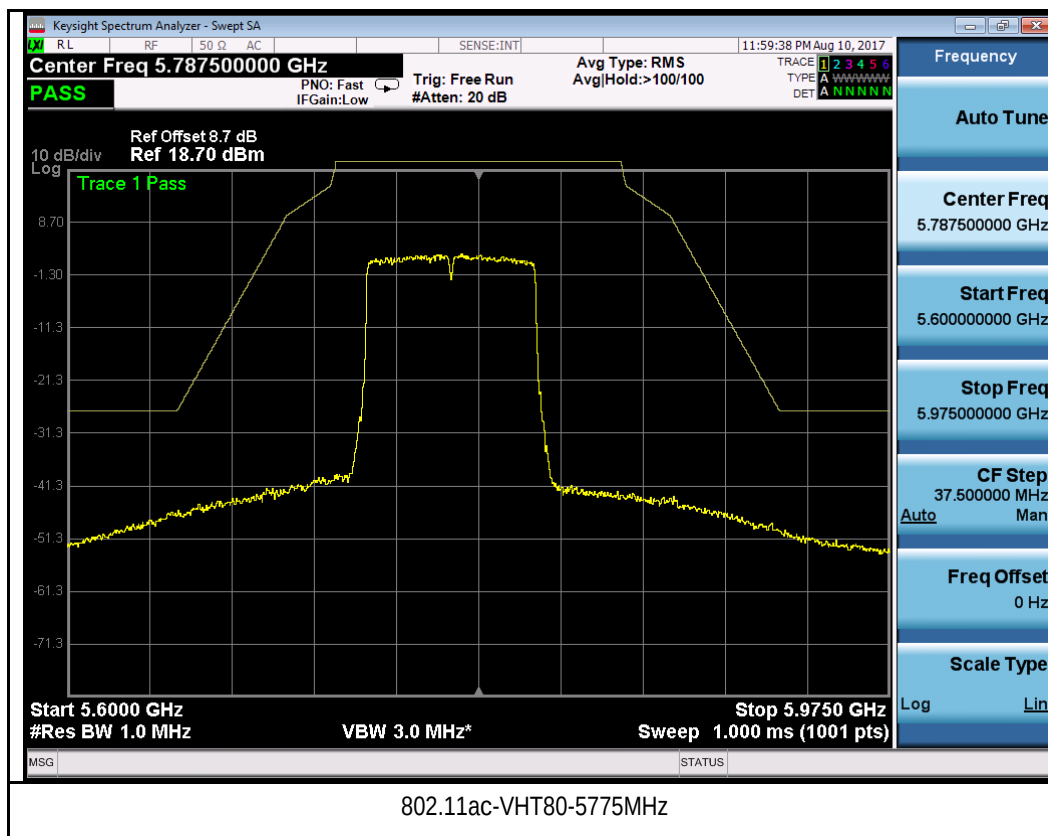


802.11n-HT40-5755MHz

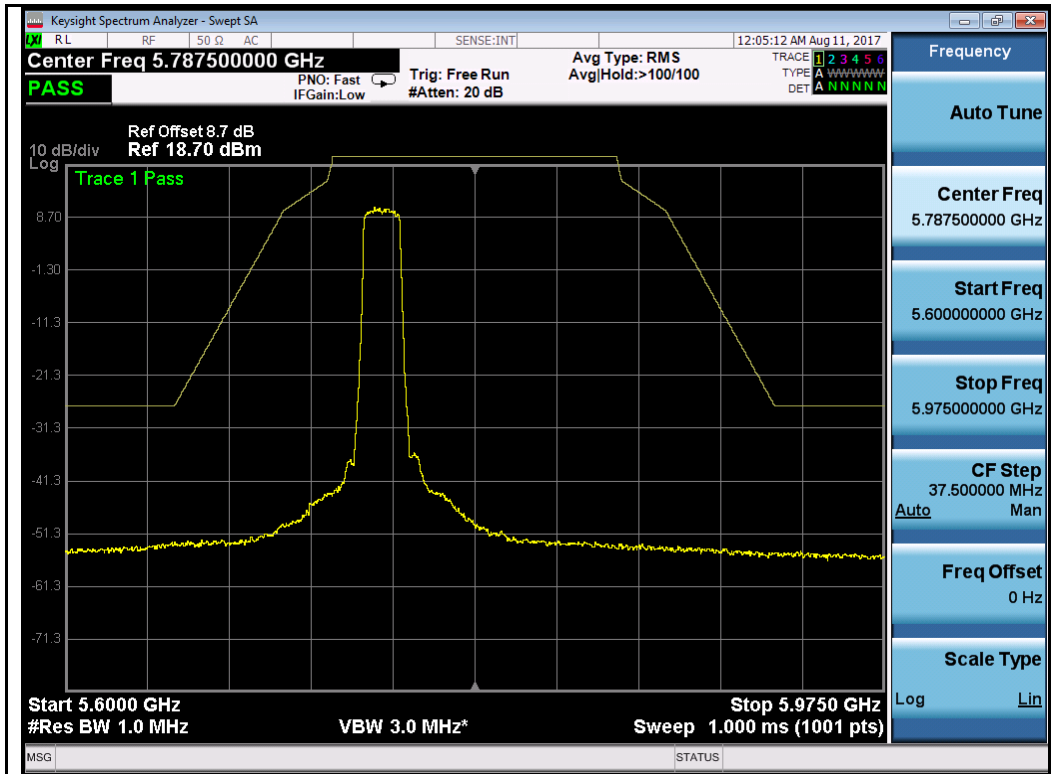


802.11n-HT40-5795MHz

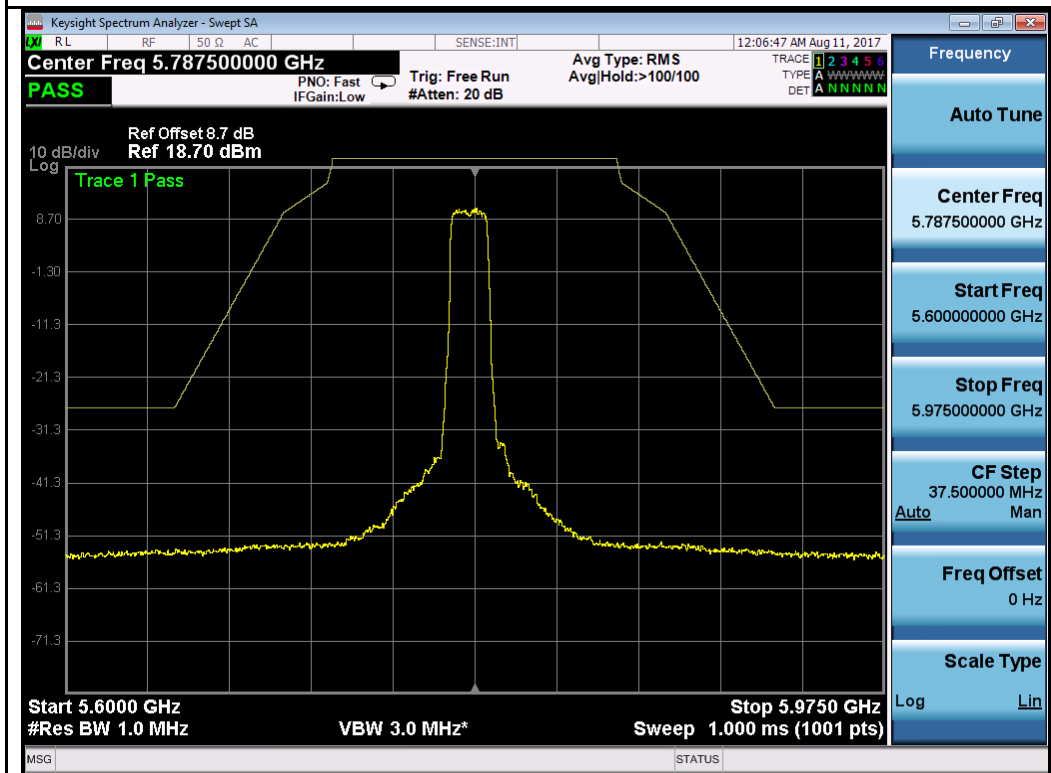




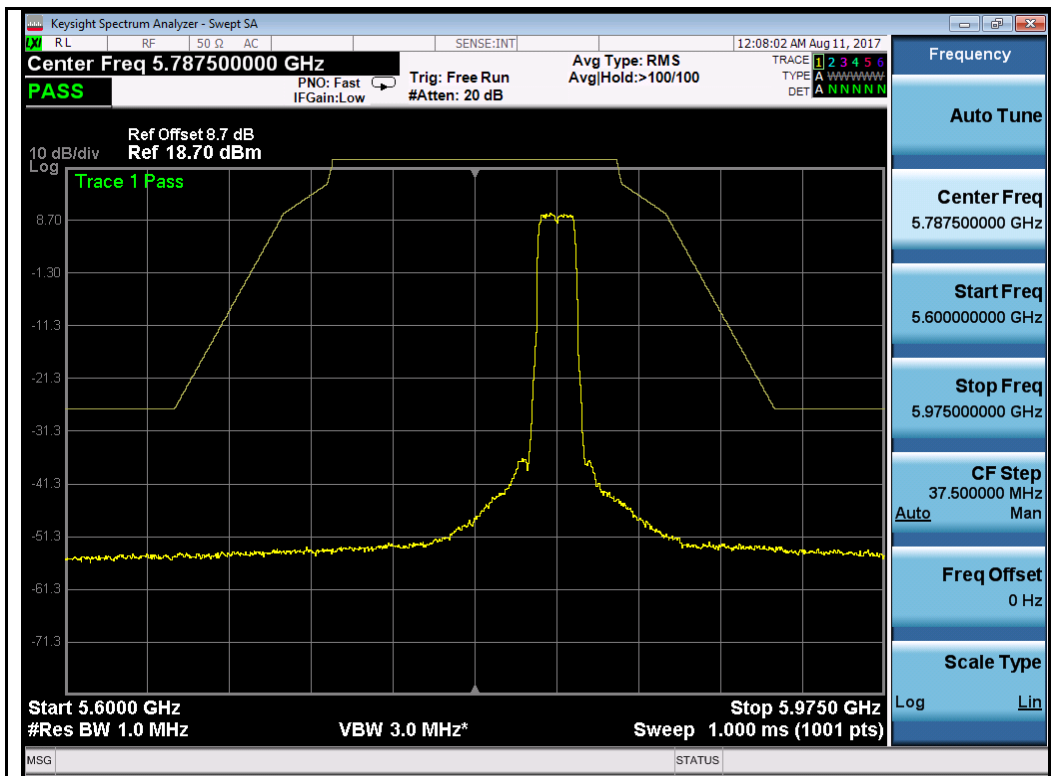
Chain 1:



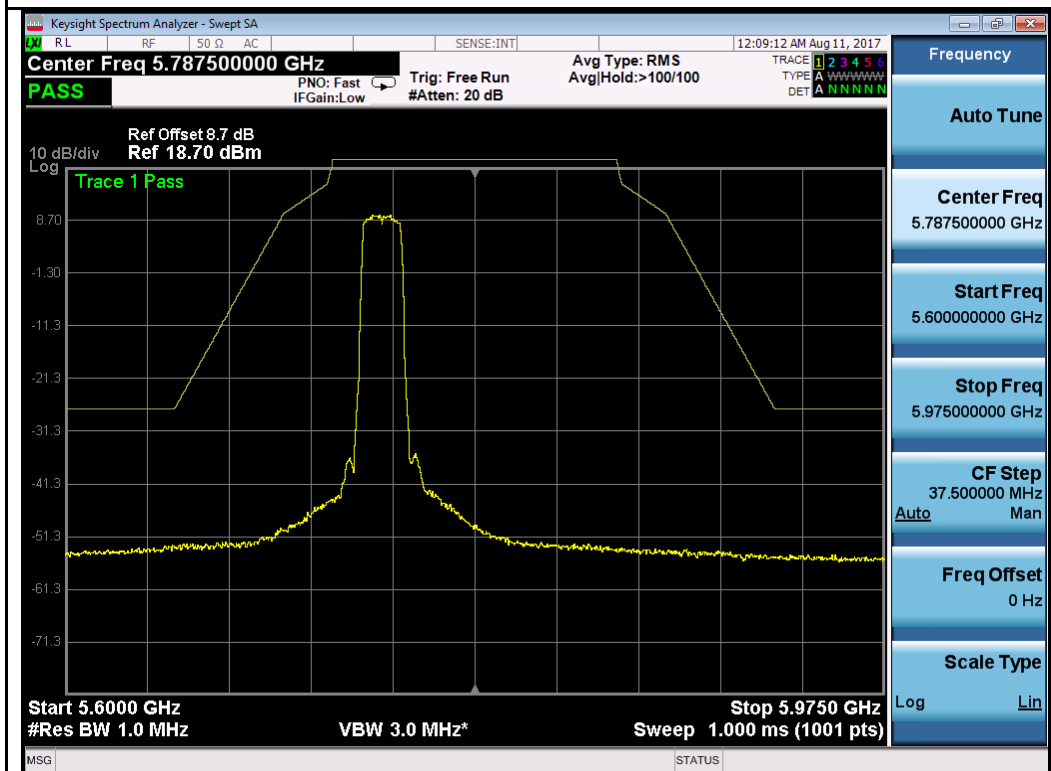
802.11a-5745MHz



802.11a-5785MHz



802.11a-5825MHz



802.11n-HT20-5745MHz