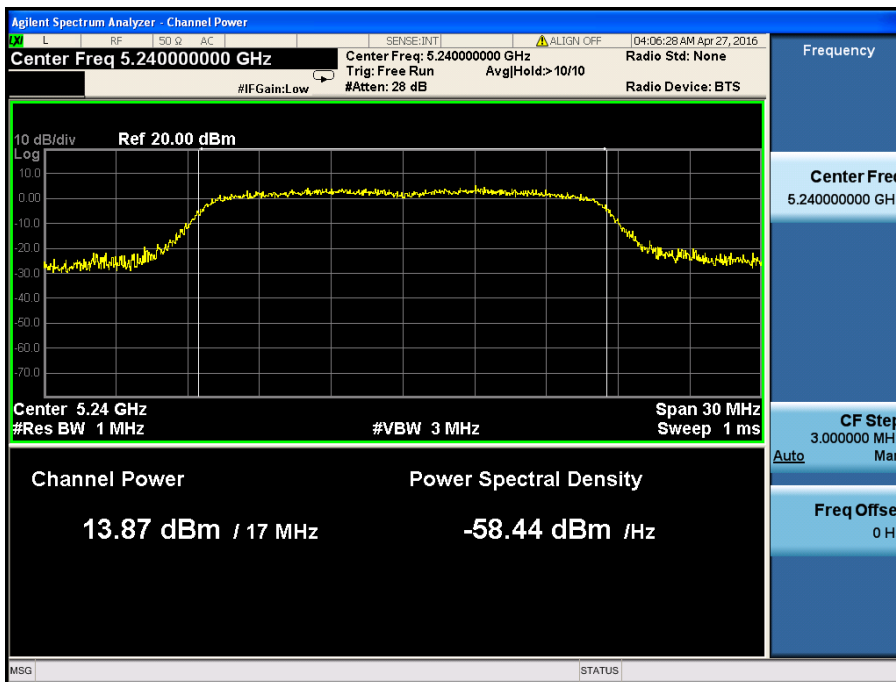
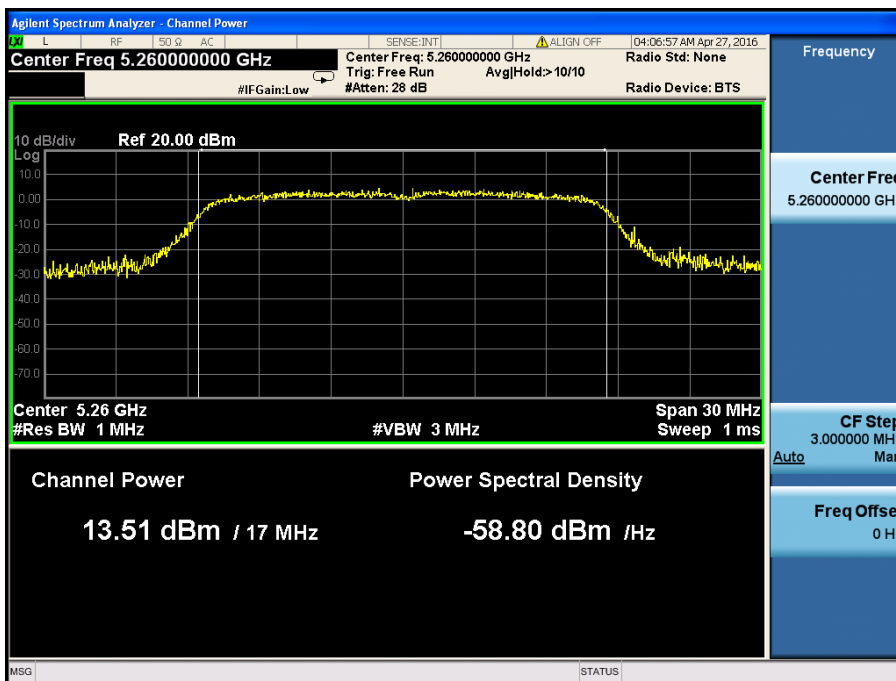


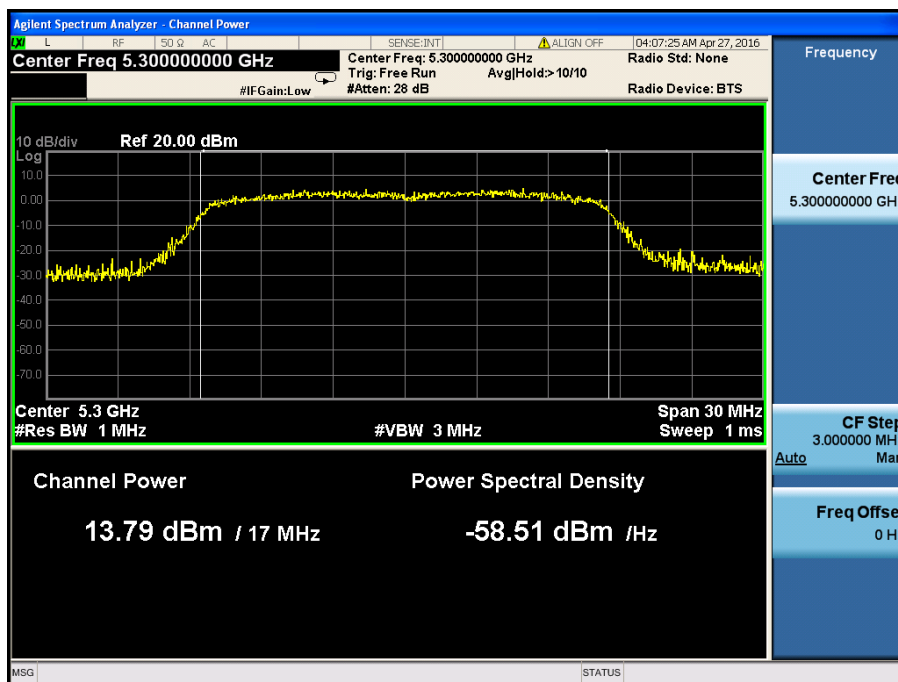
5240MHz



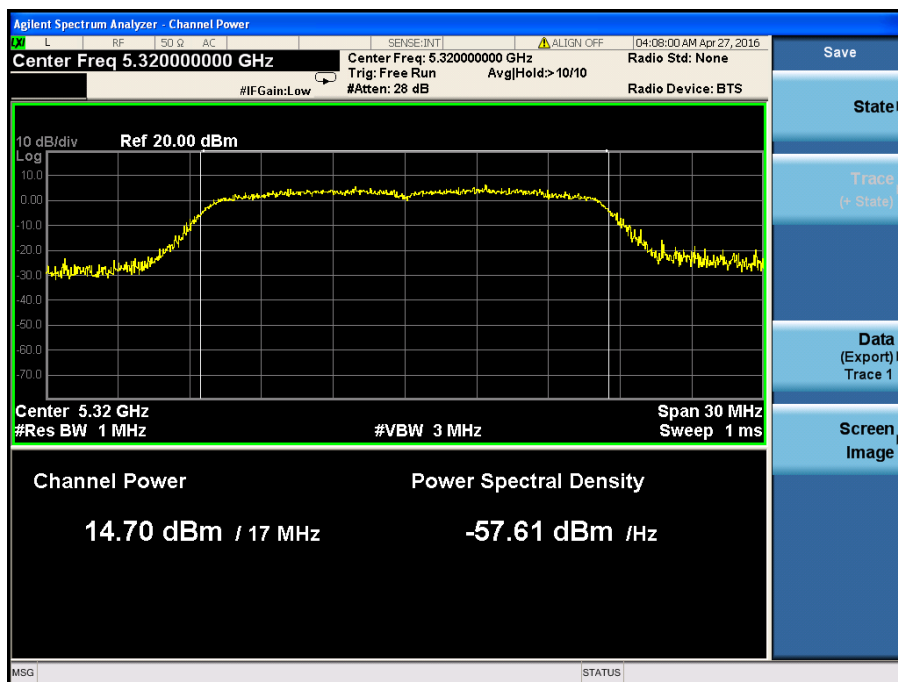
5260MHz



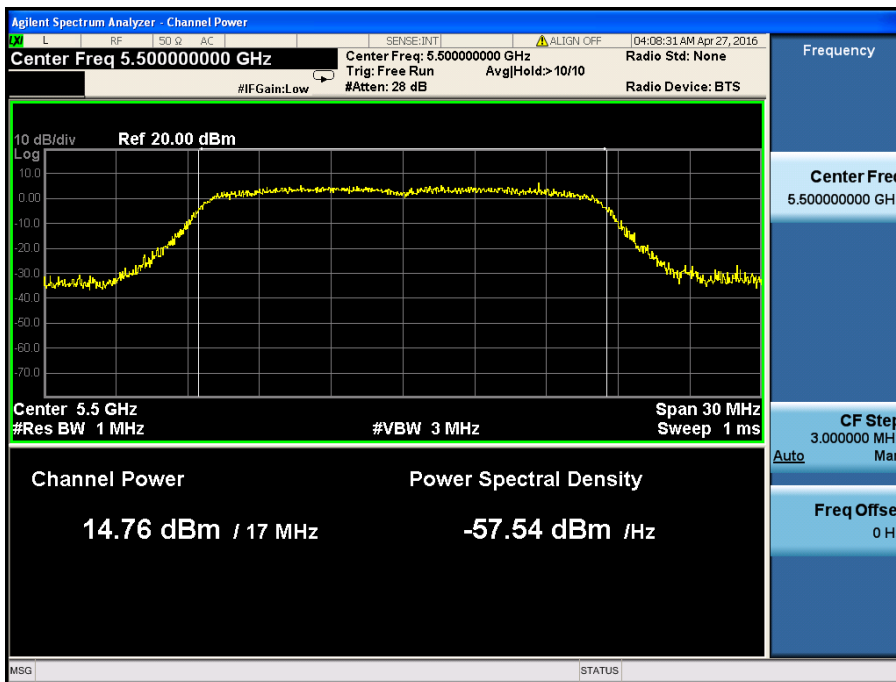
5300MHz



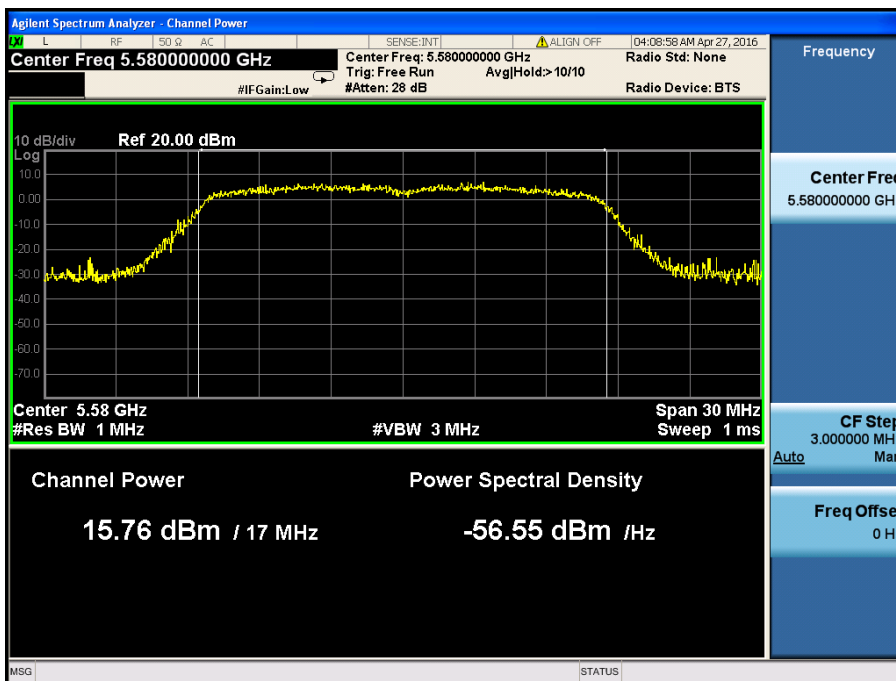
5320MHz



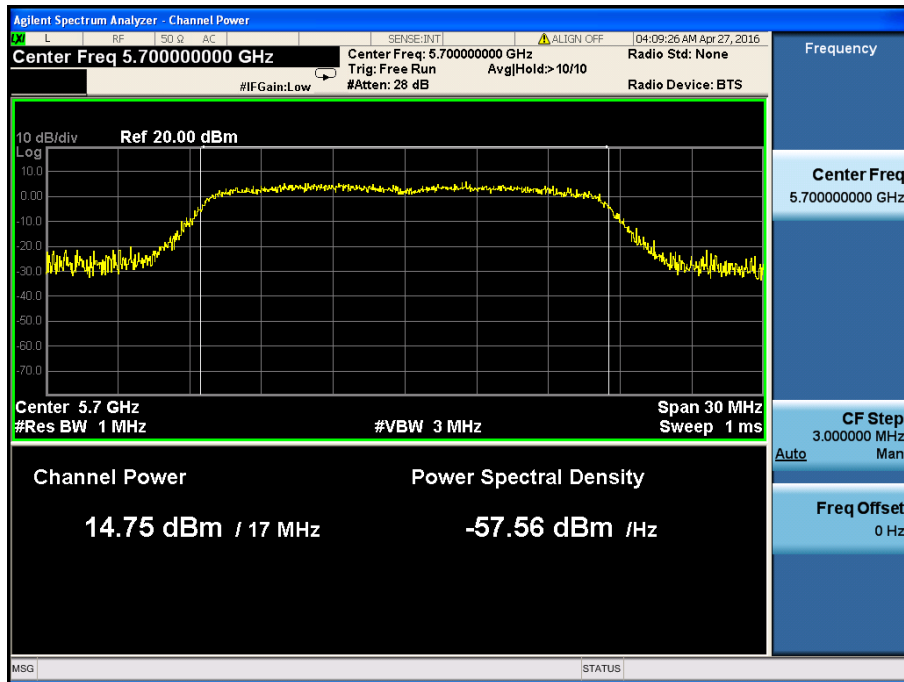
5500MHz



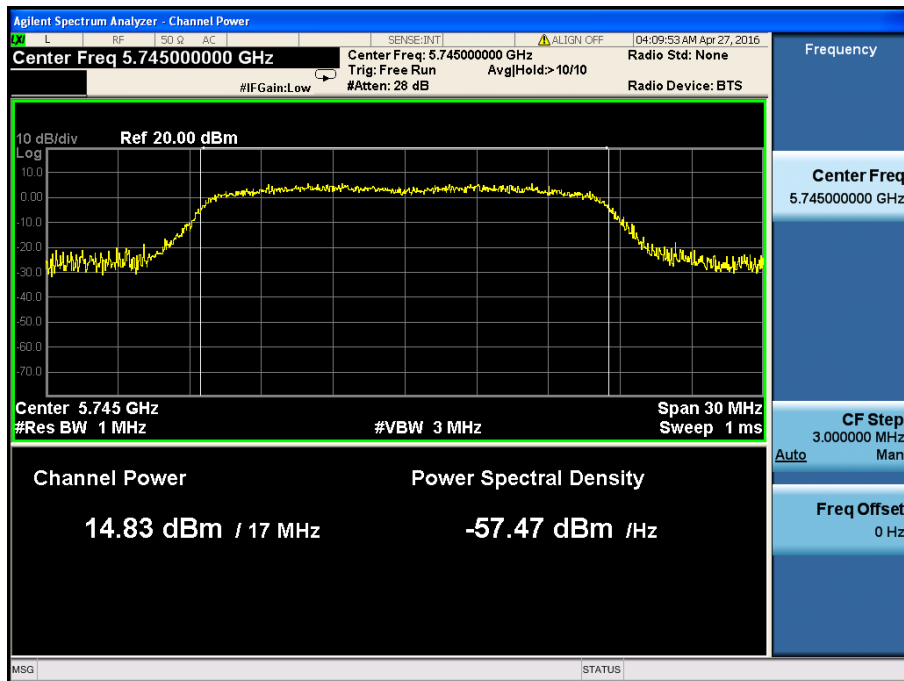
5580MHz



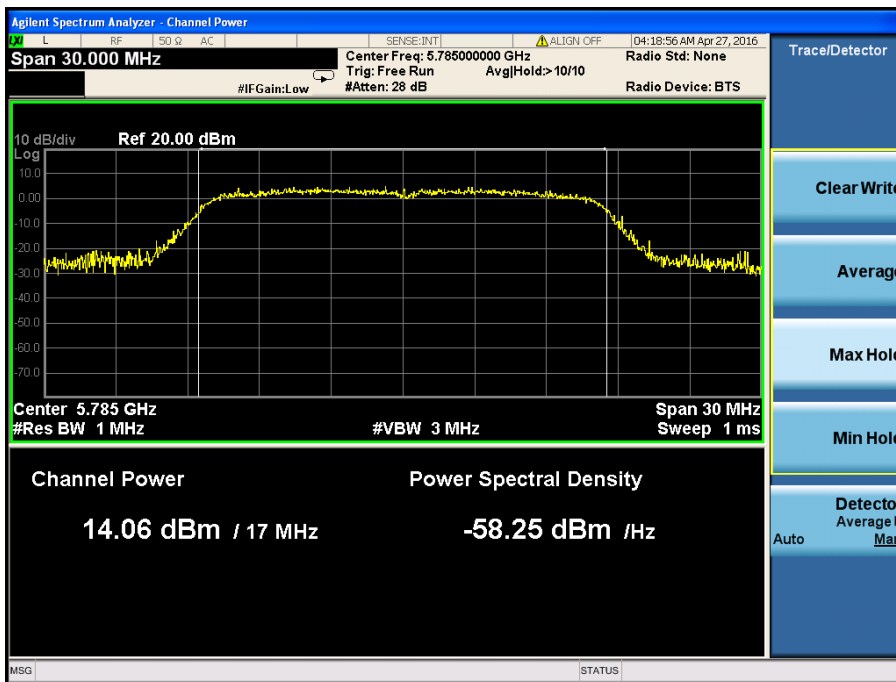
5700MHz



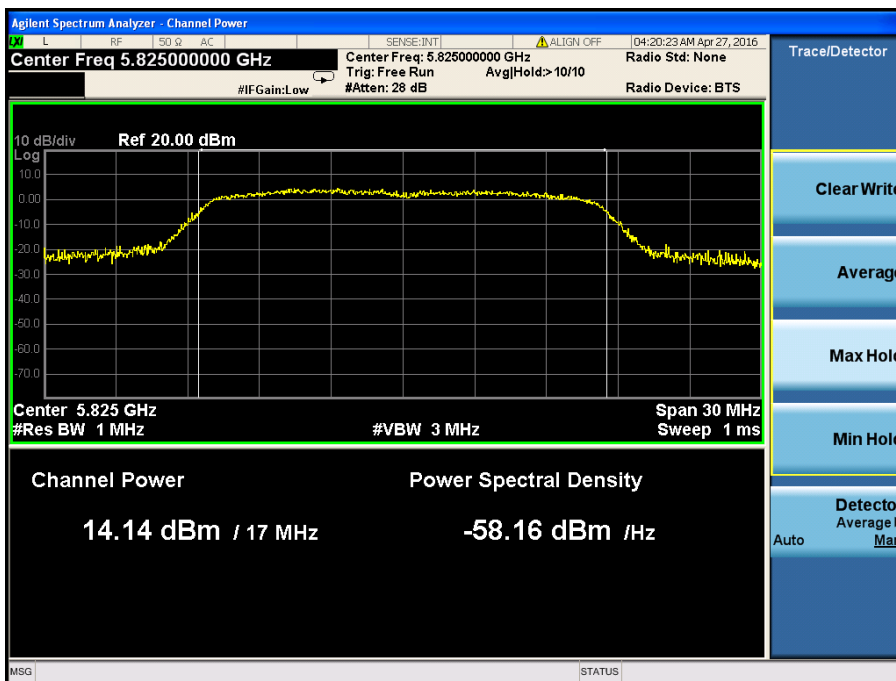
5745MHz



5785MHz

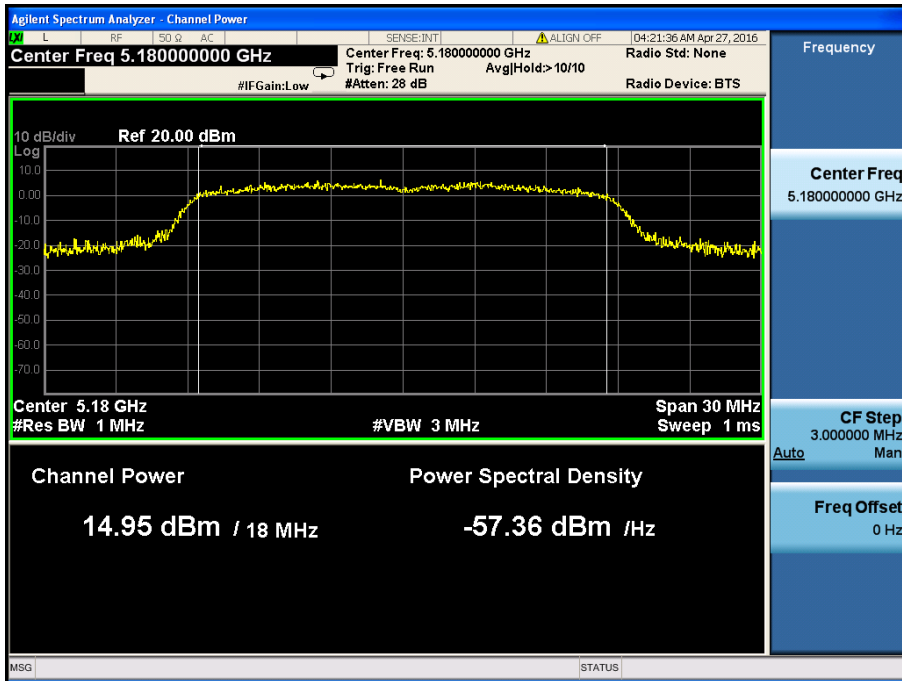


5825MHz

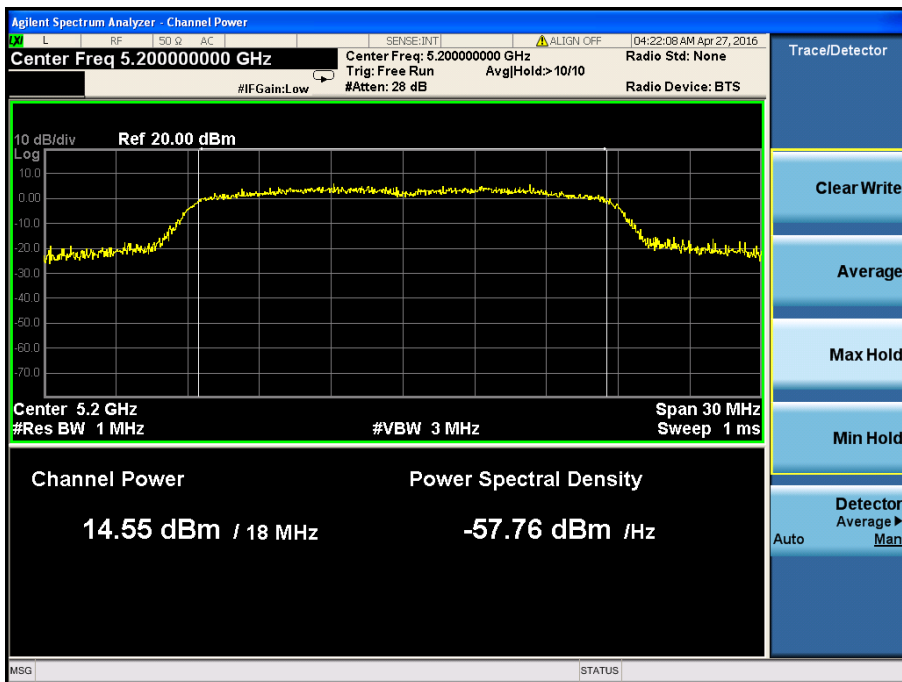


Test Mode: 802.11n20

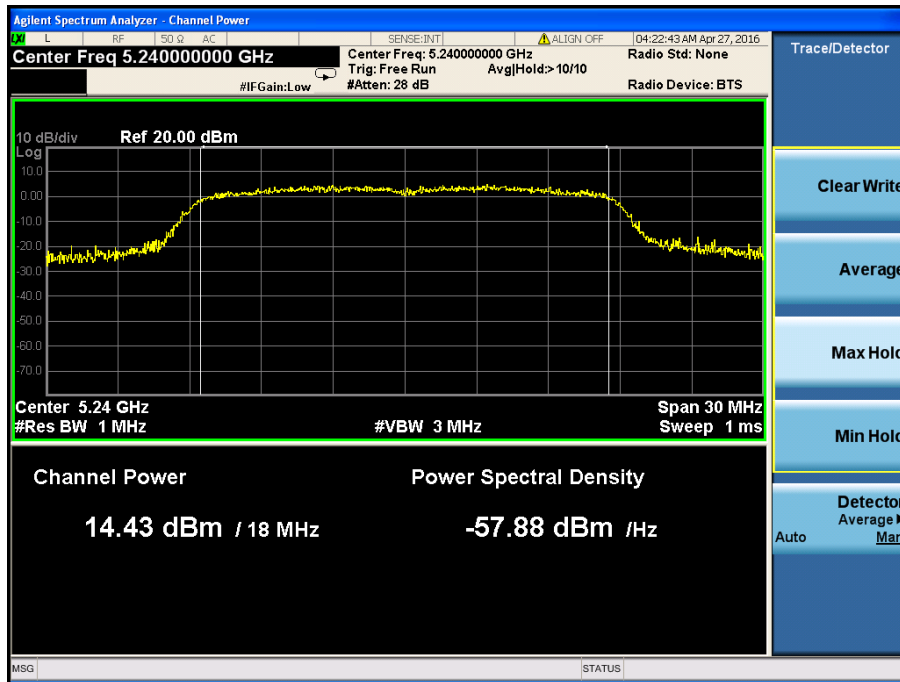
5180MHz



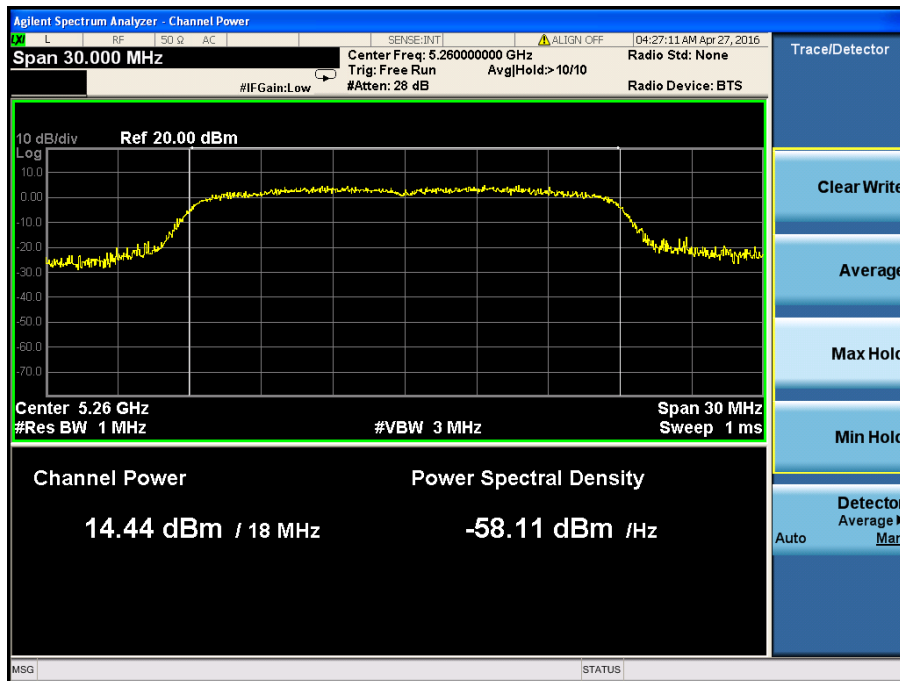
5200MHz



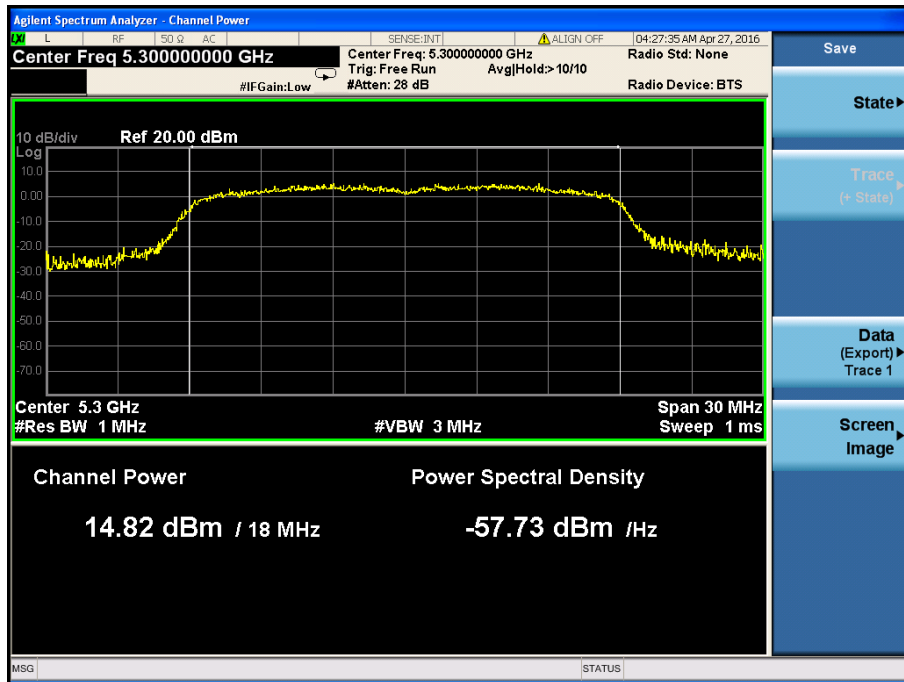
5240MHz



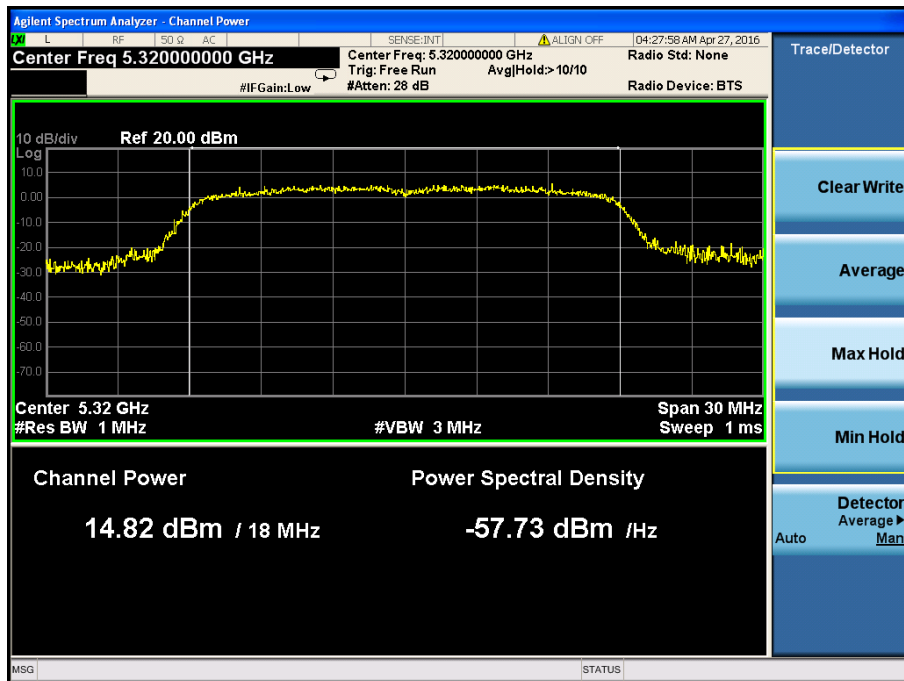
5260MHz



5300MHz

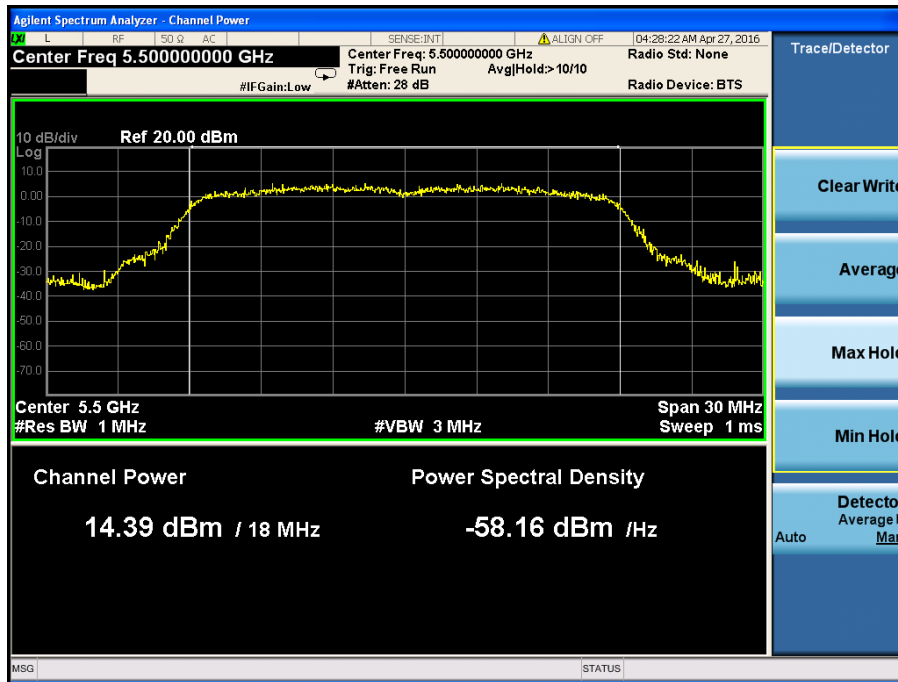


5320MHz

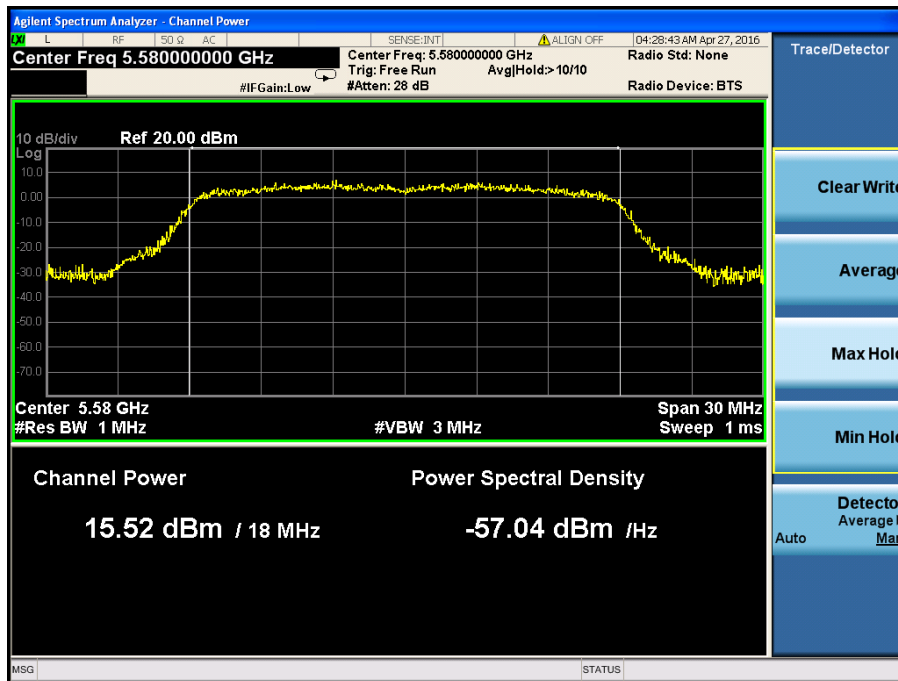




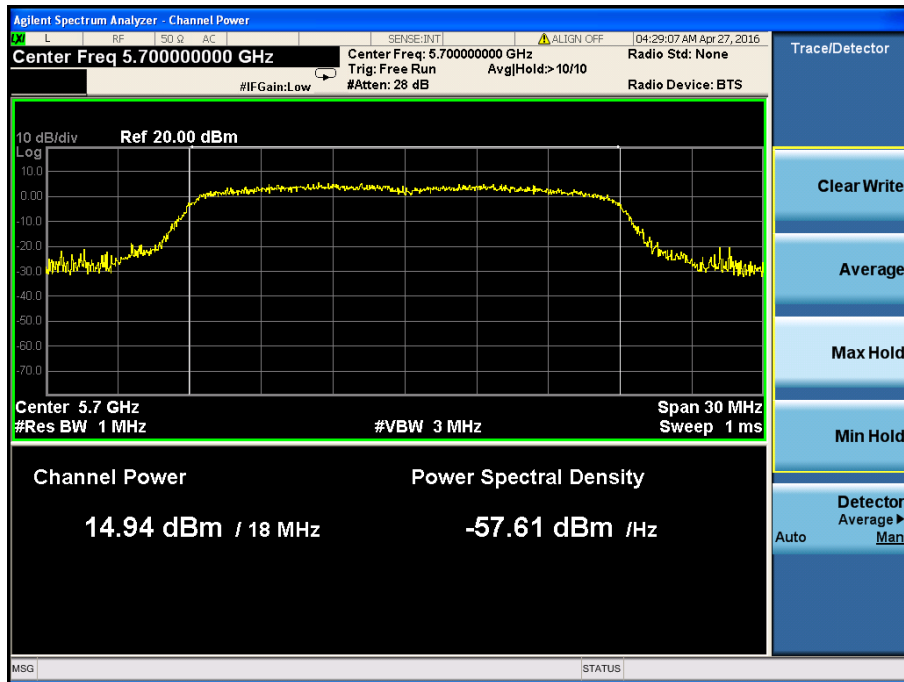
5500MHz



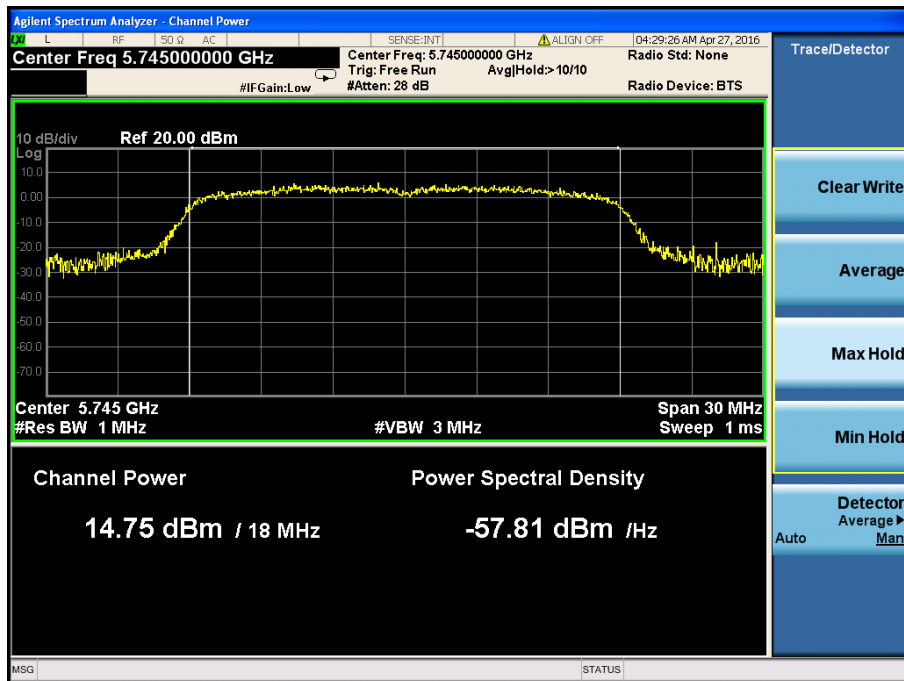
5580MHz



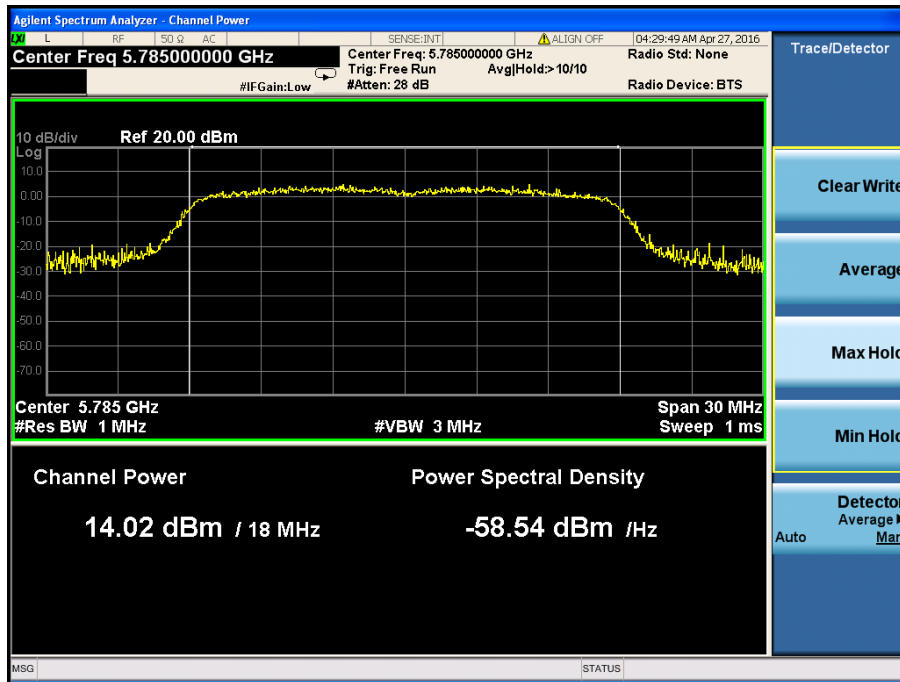
5700MHz



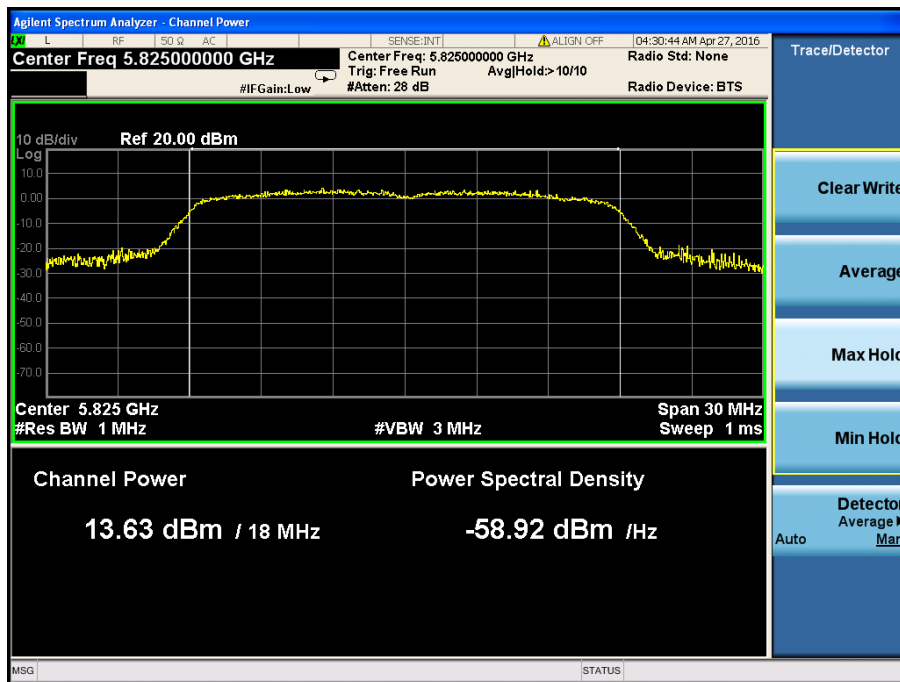
5745MHz



5785MHz

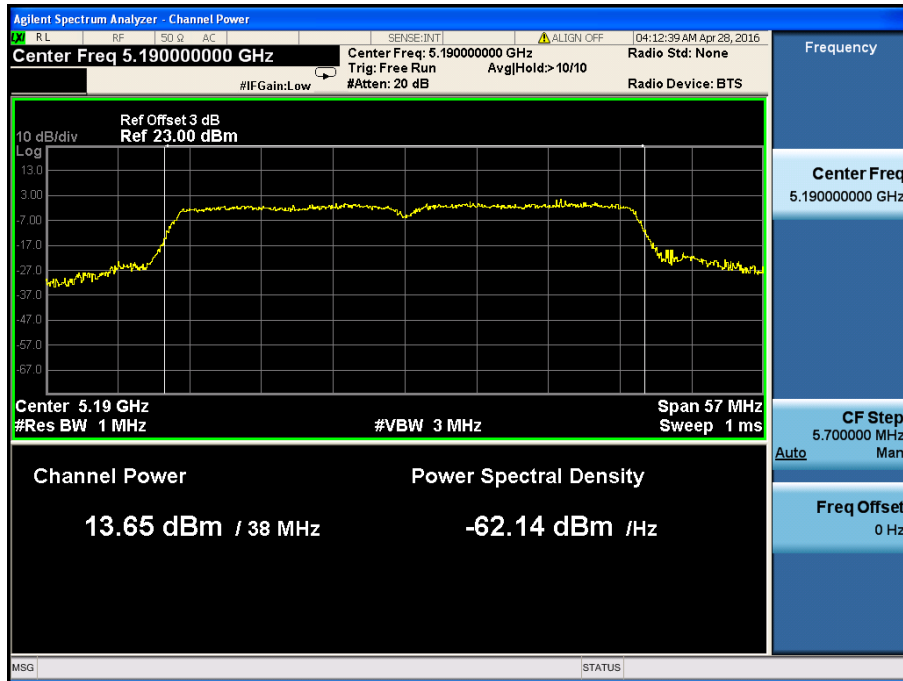


5825MHz

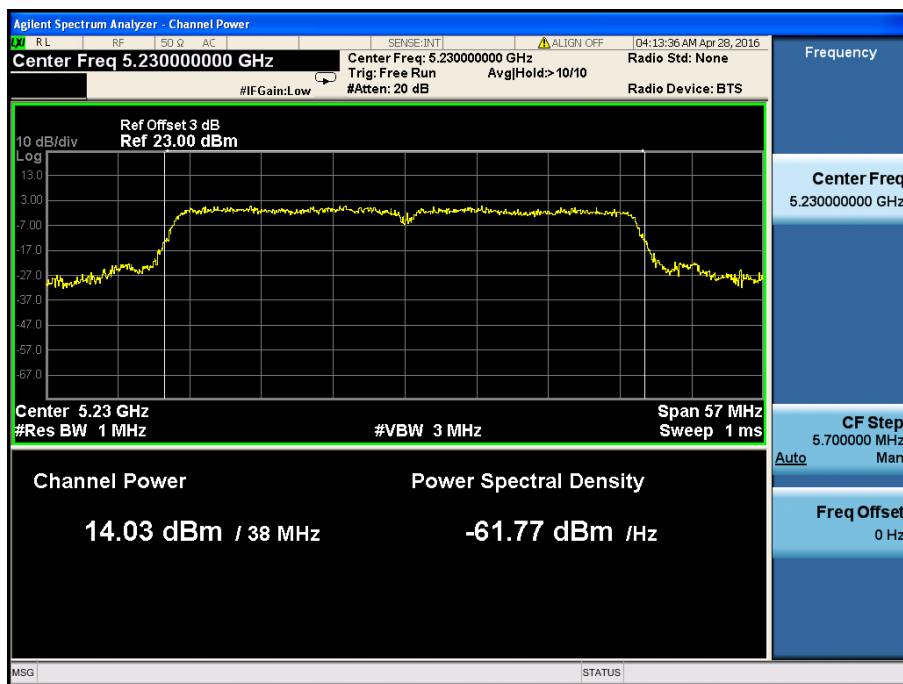


Test Mode: 802.11n-HT40

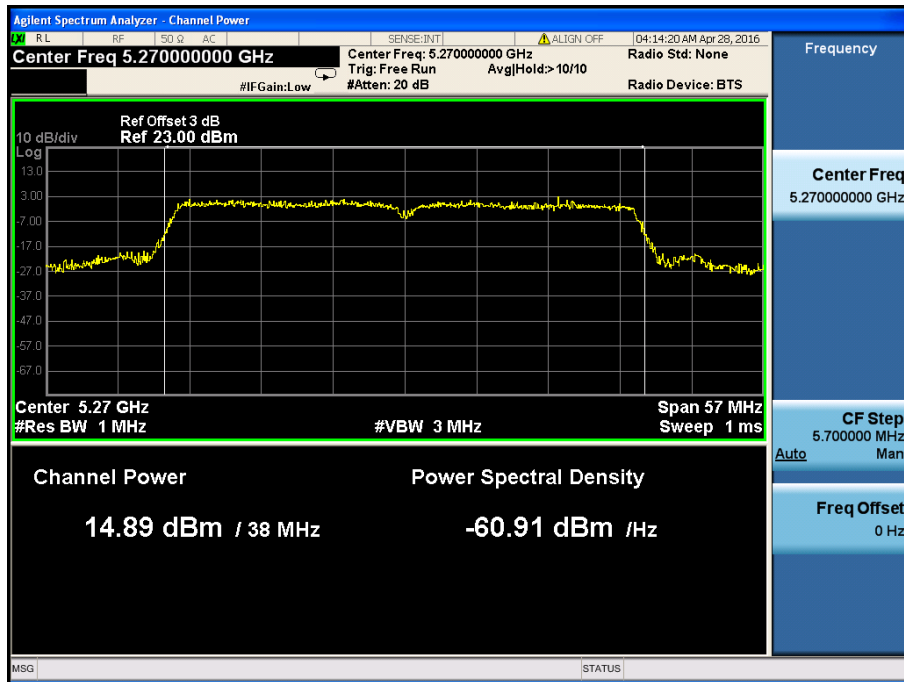
5190MHz



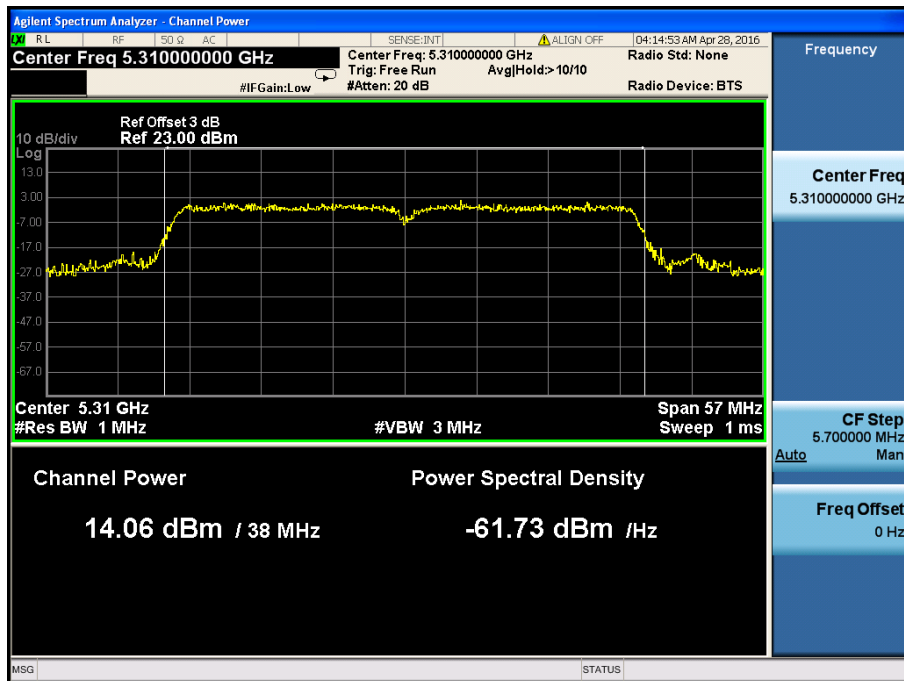
5230MHz



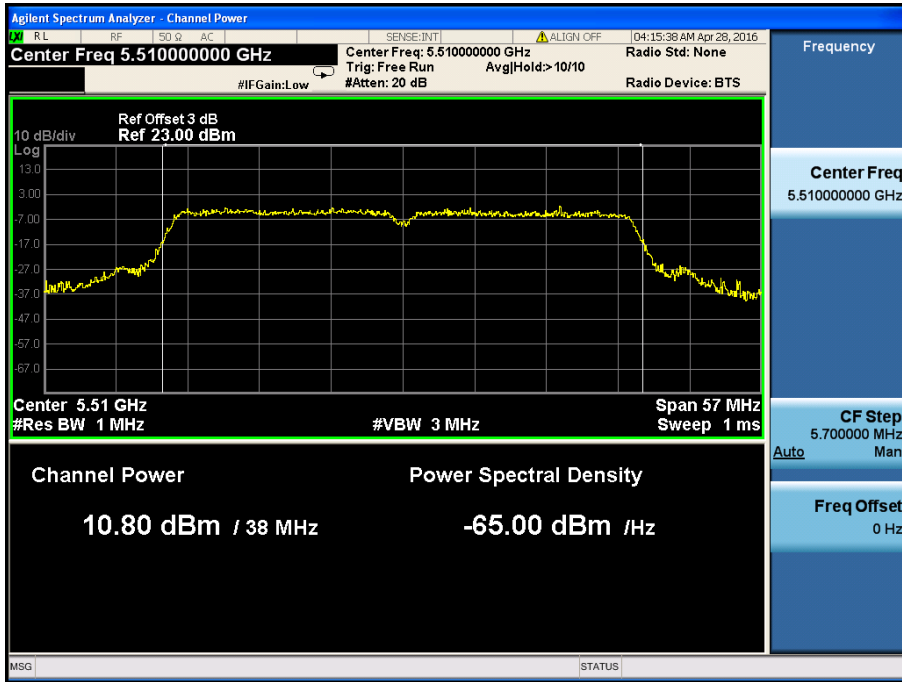
5270MHz



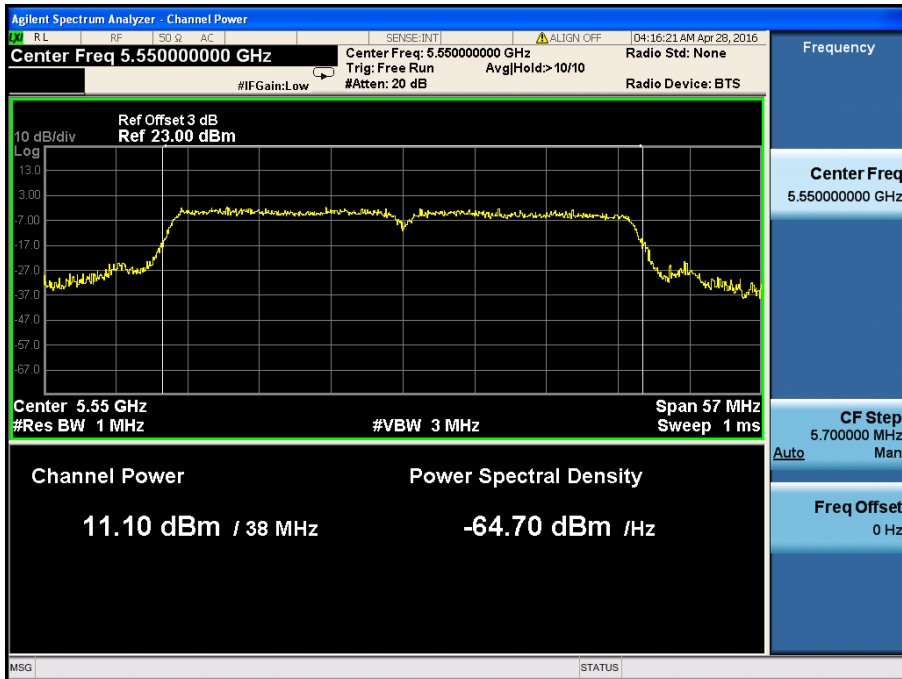
5310MHz



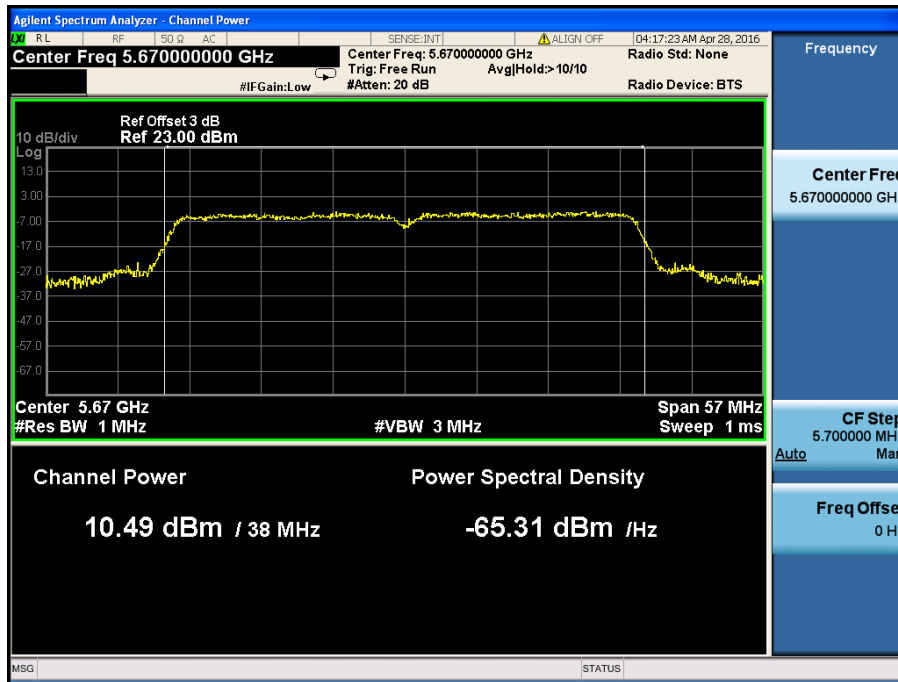
5510MHz



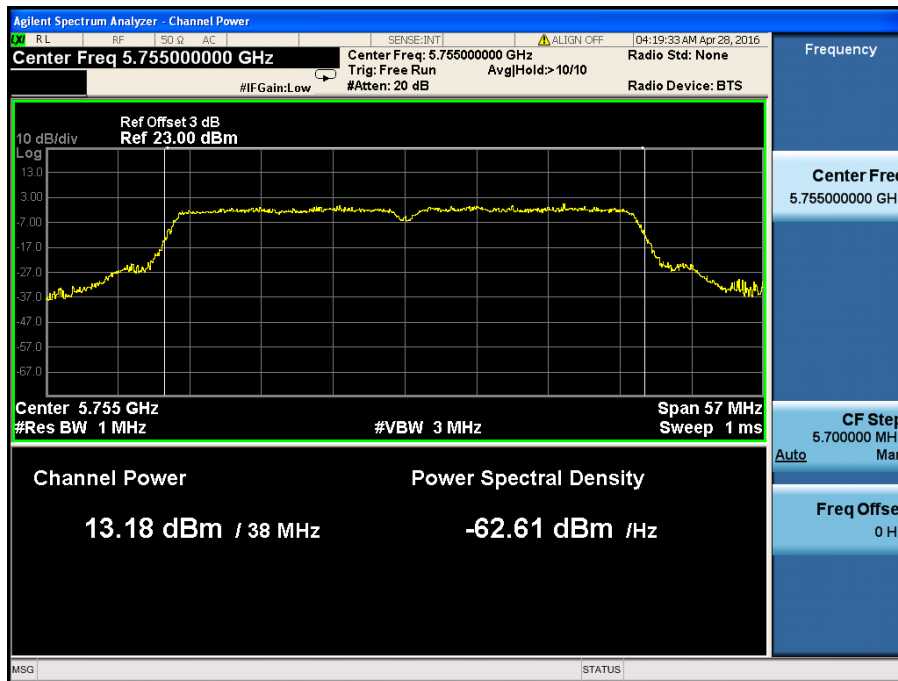
5550MHz



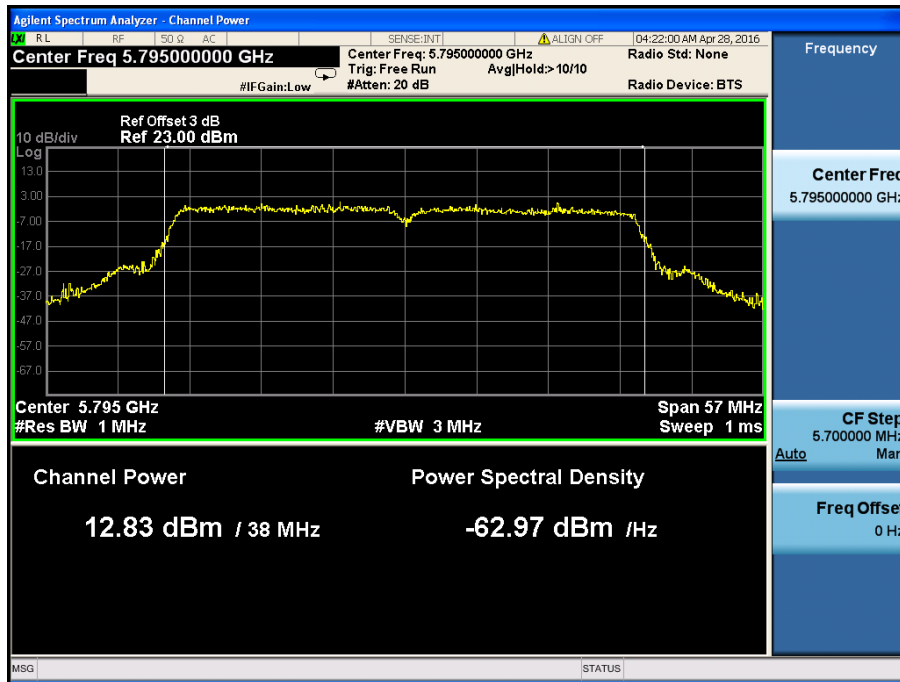
5670MHz



5755MHz



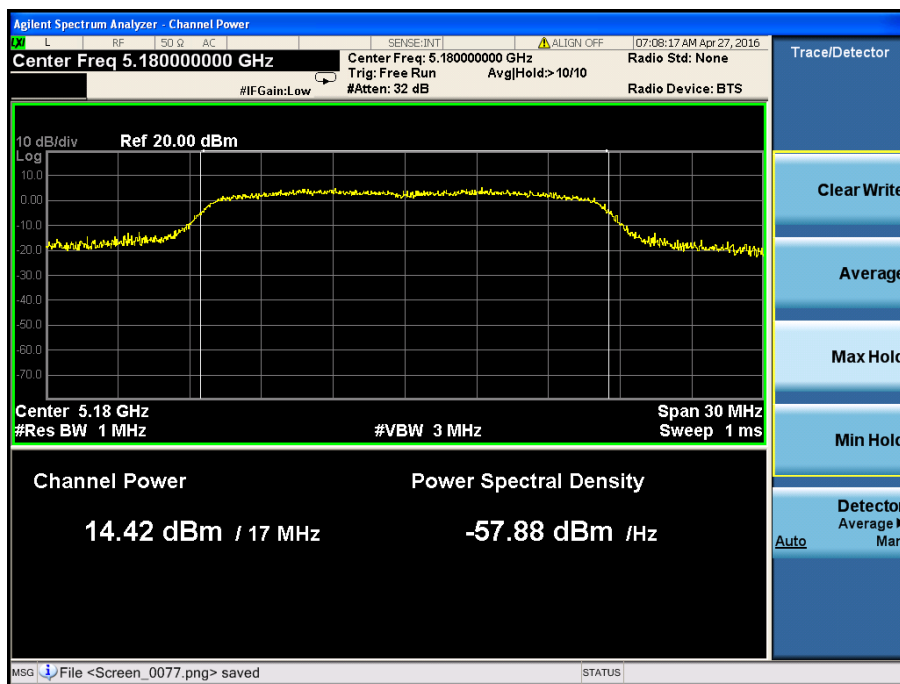
5795MHz



**Antenna 2**

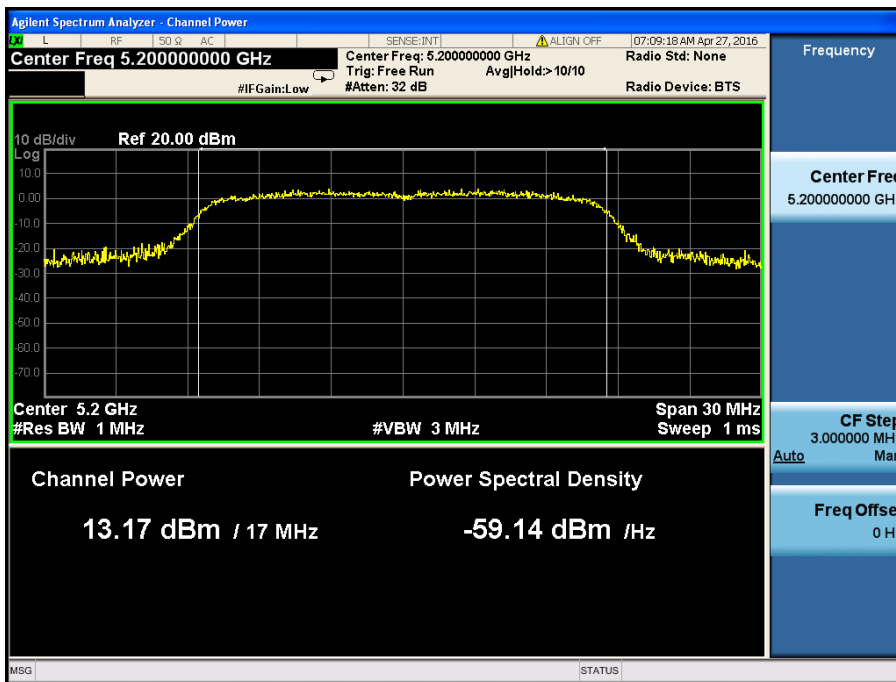
Test Mode: 802.11a

5180MHz

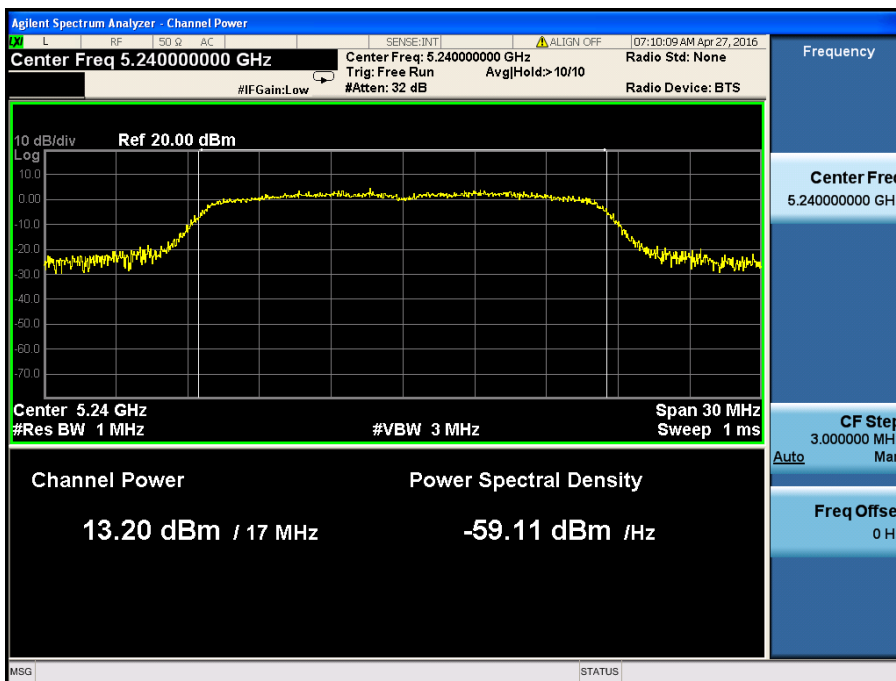




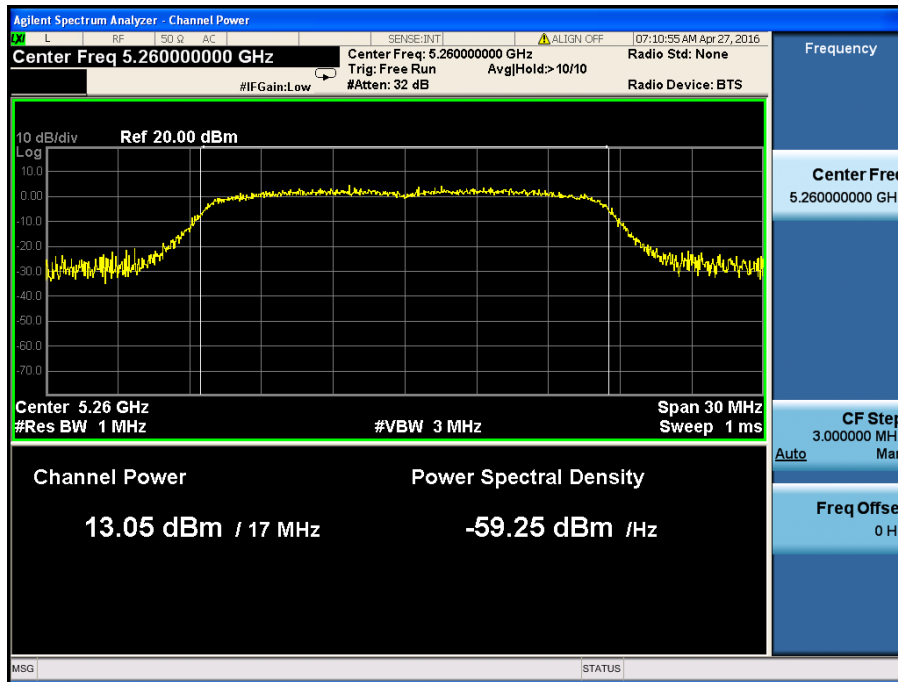
5200MHz



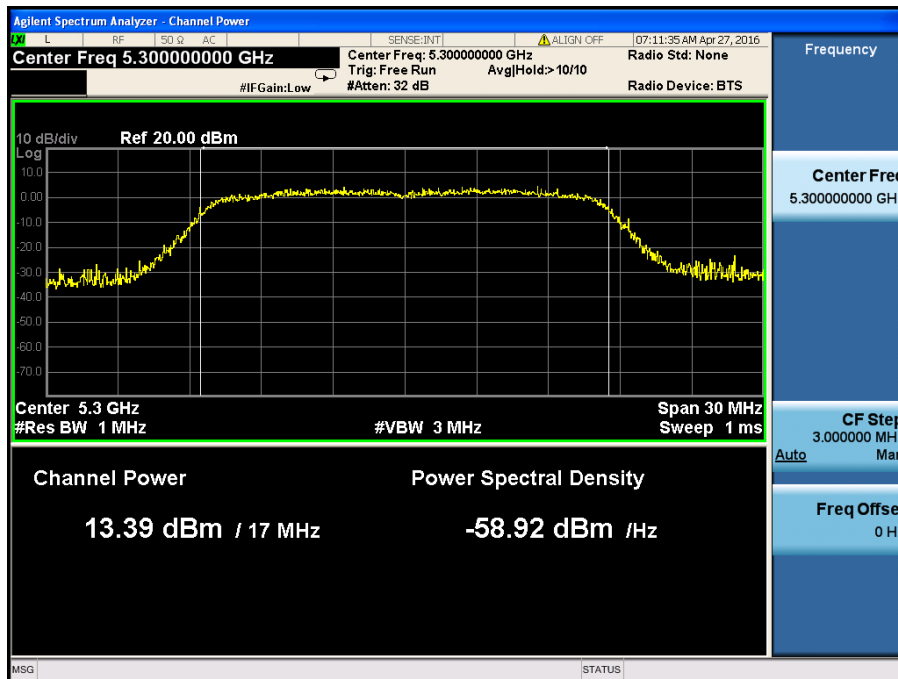
5240MHz



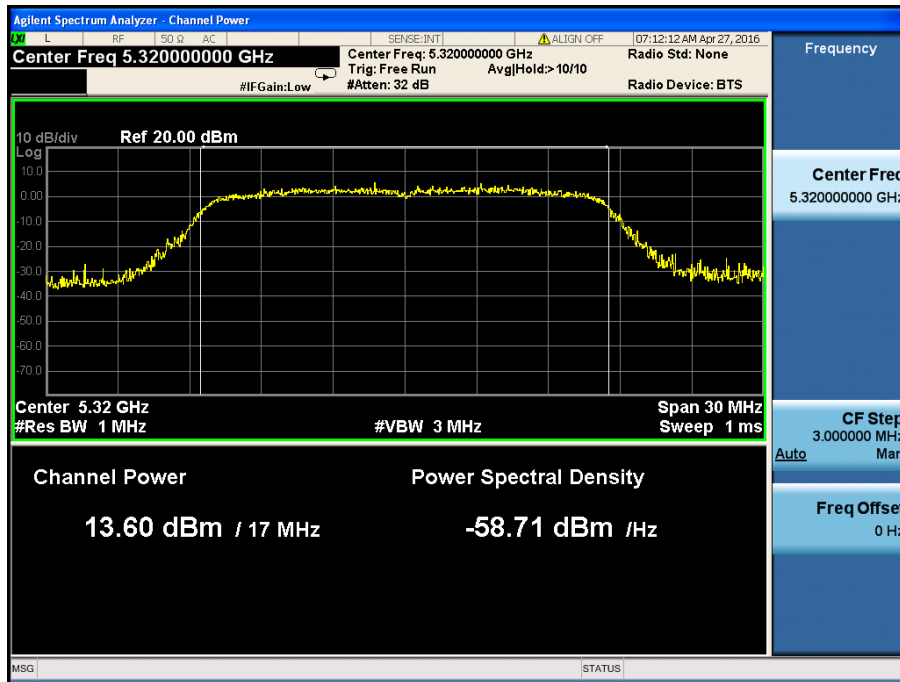
5260MHz



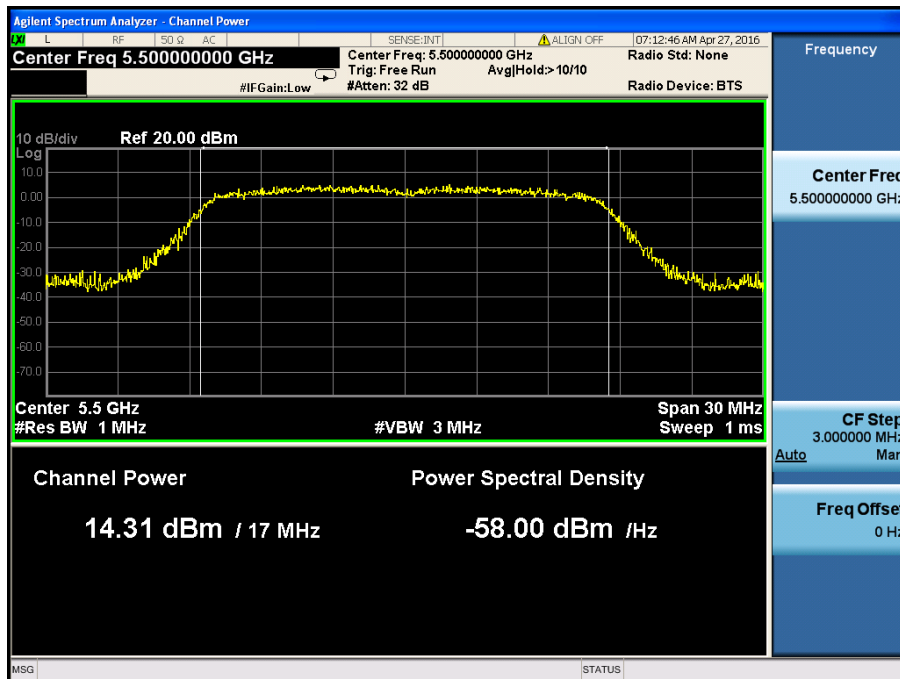
5300MHz



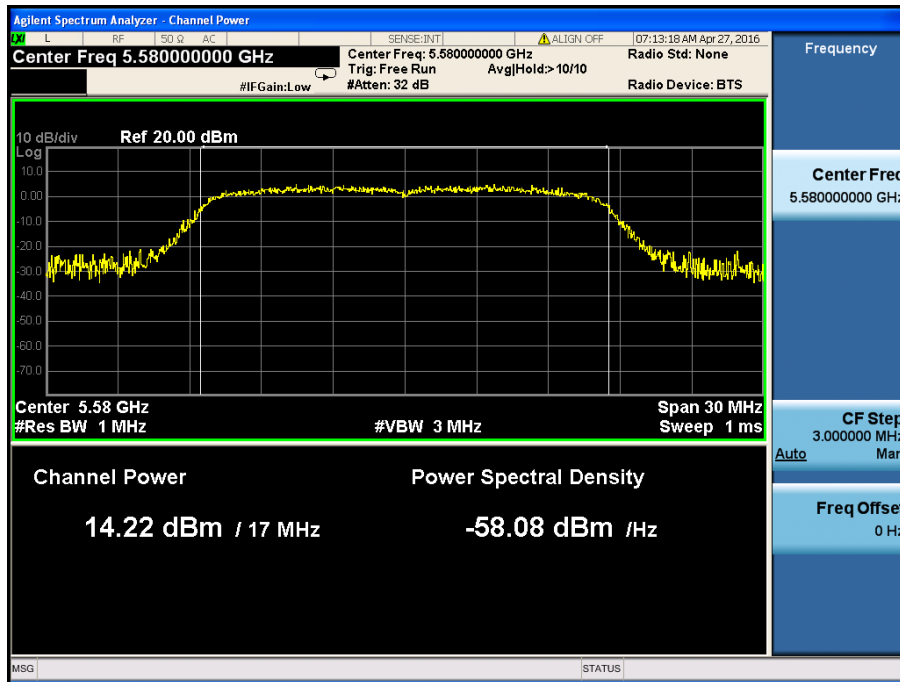
5320MHz



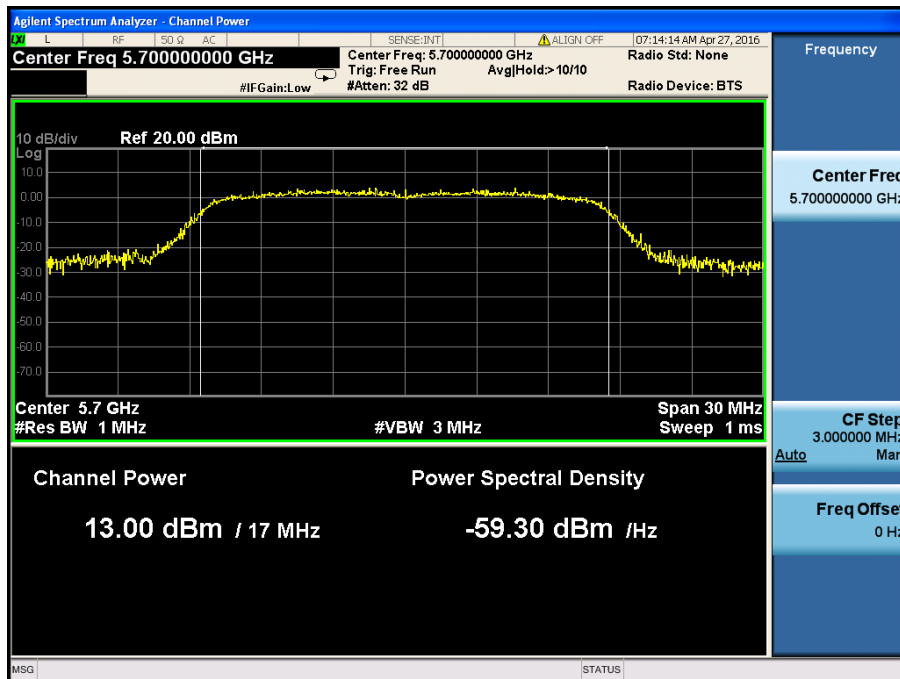
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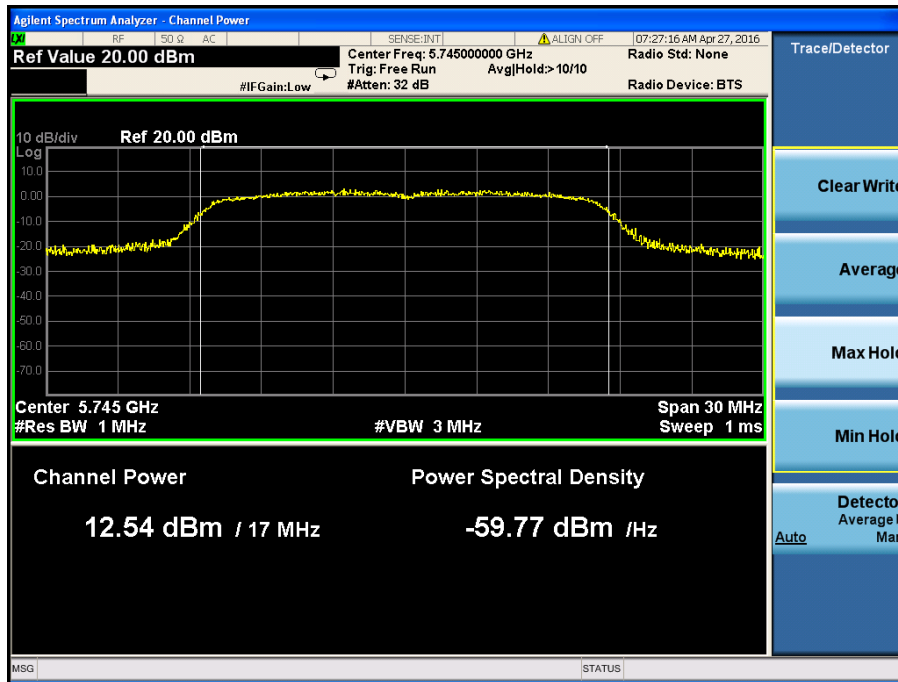
5580MHz



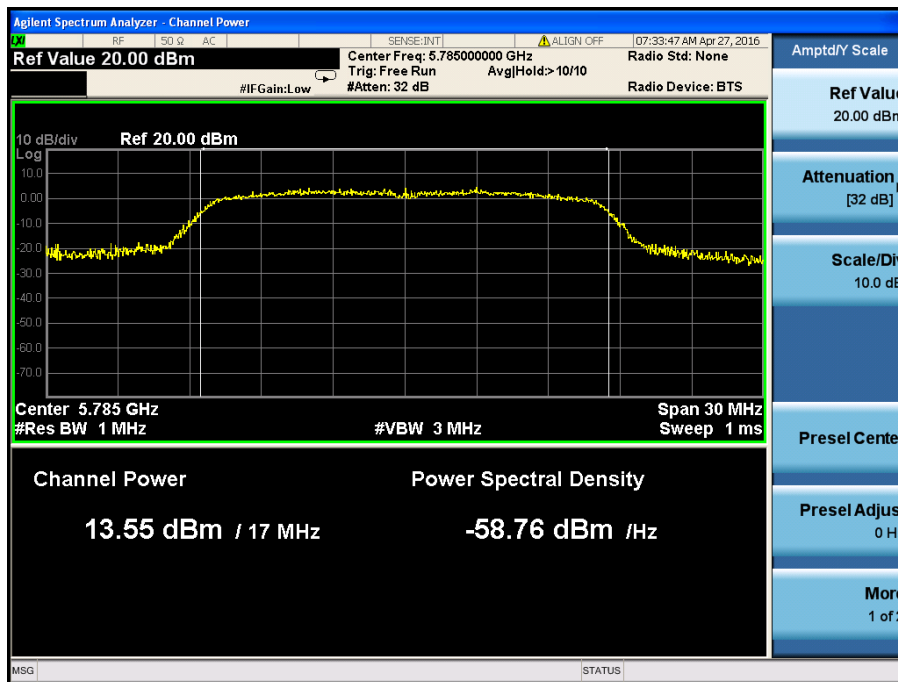
5700MHz



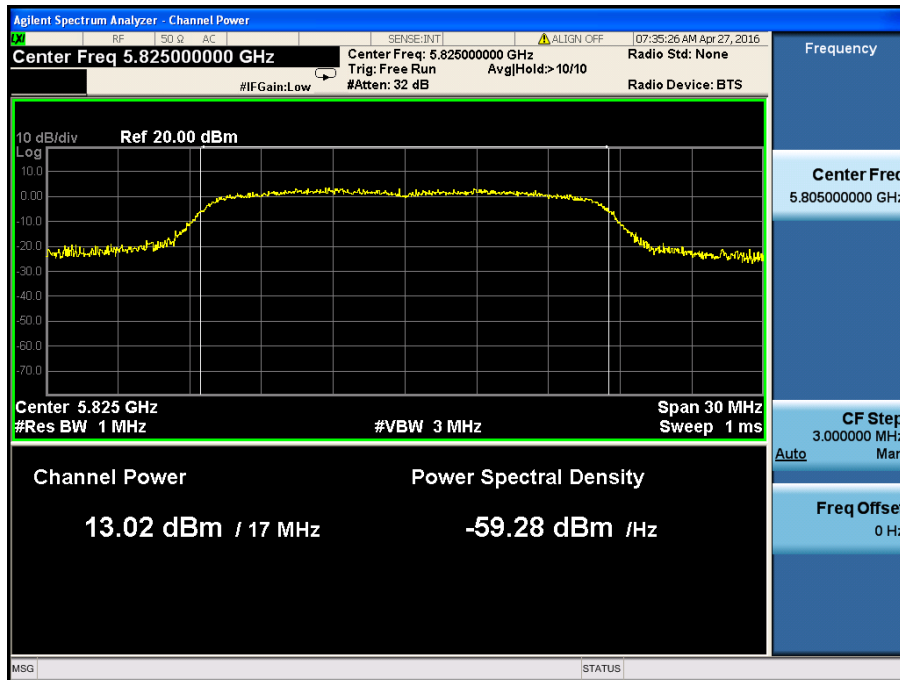
5745MHz



5785MHz

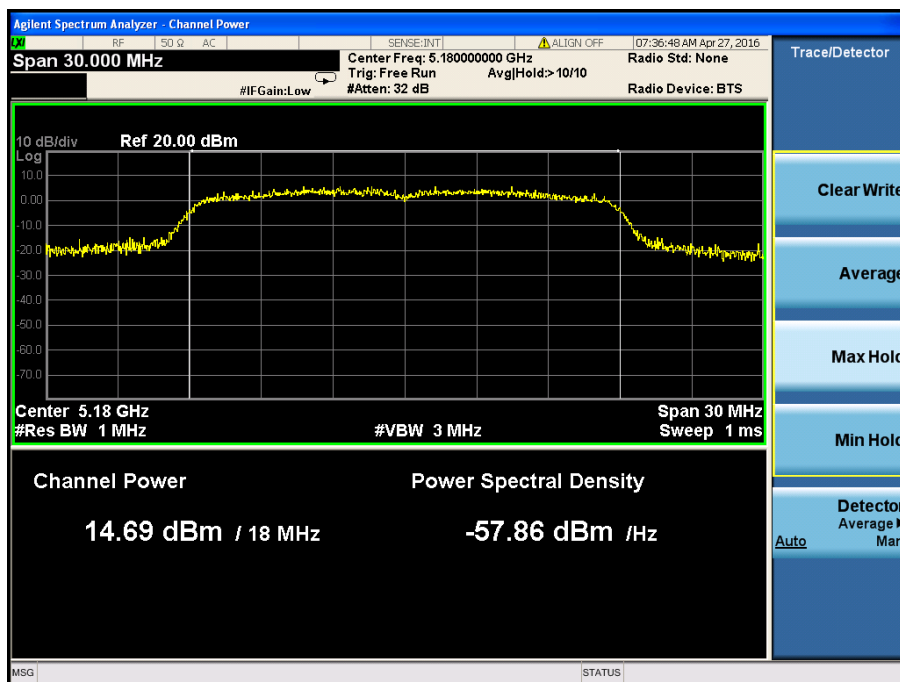


5805MHz

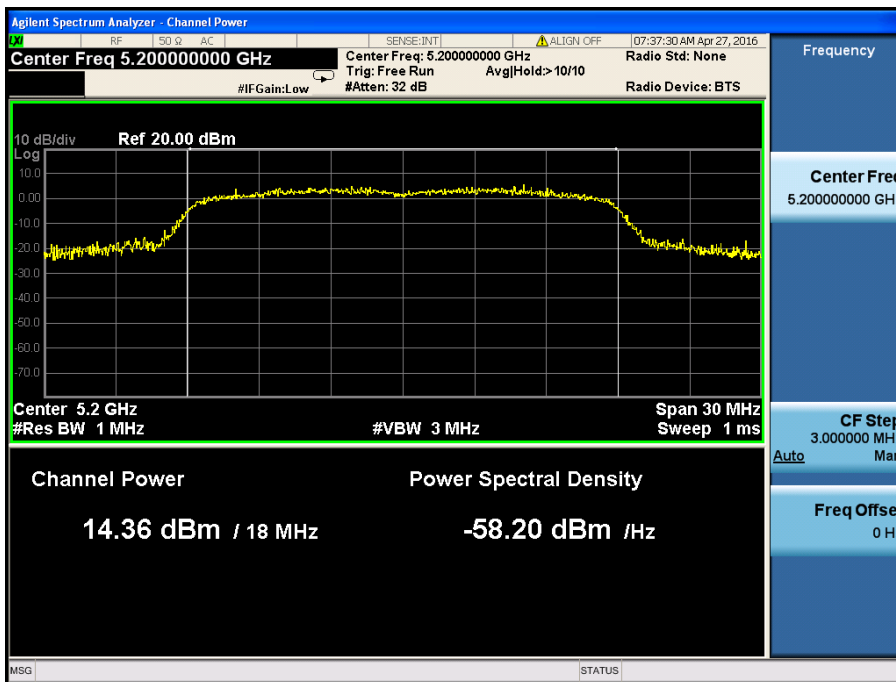


Test Mode: 802.11n20

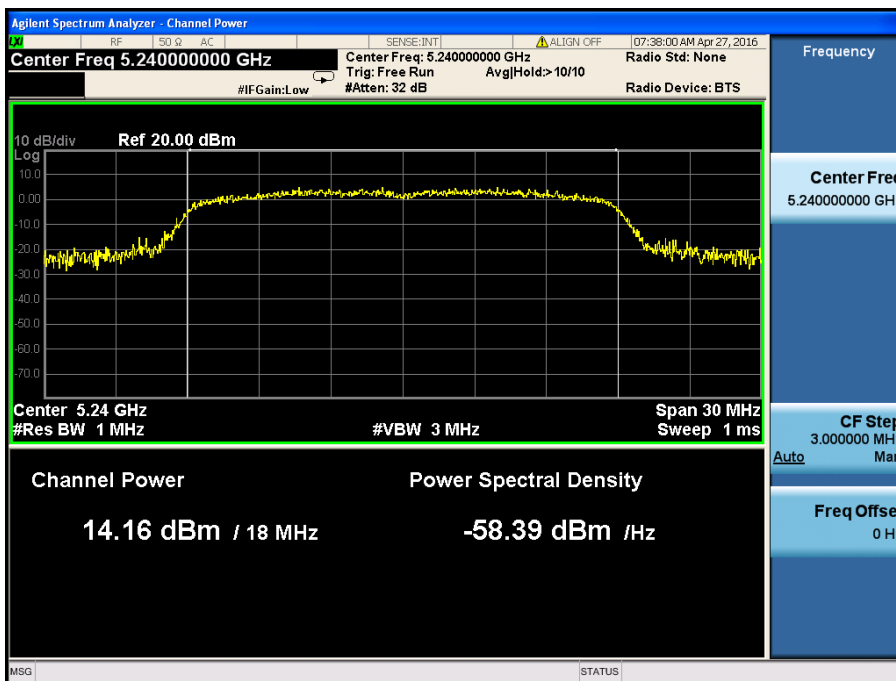
5180MHz



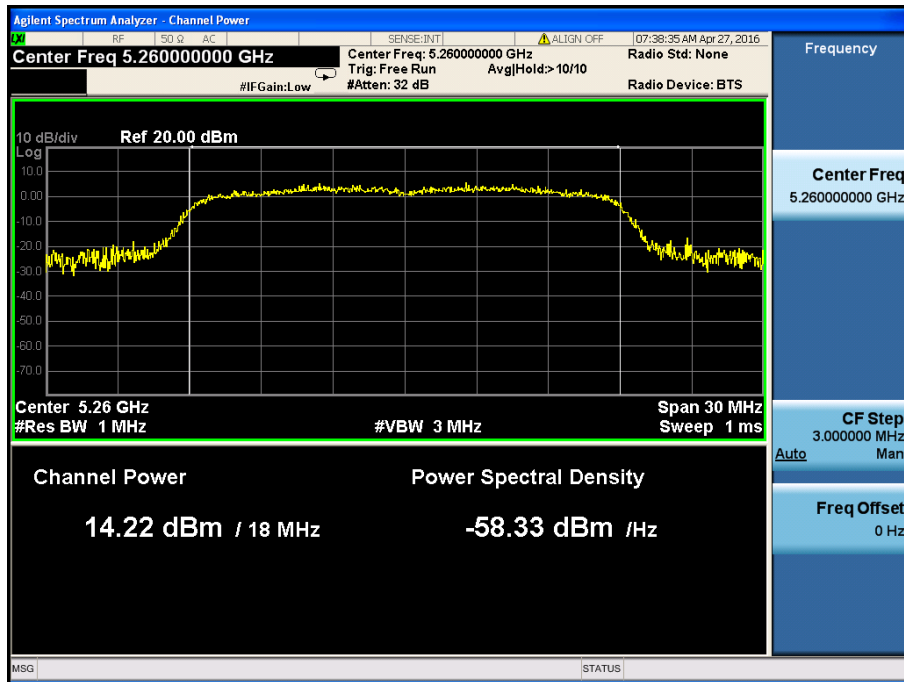
5200MHz



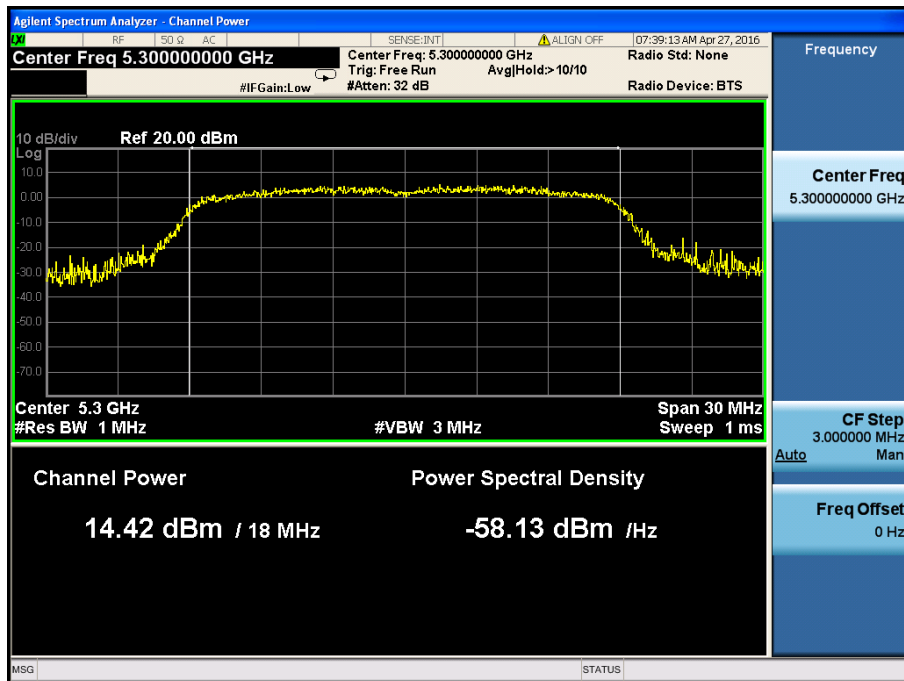
5240MHz



5260MHz

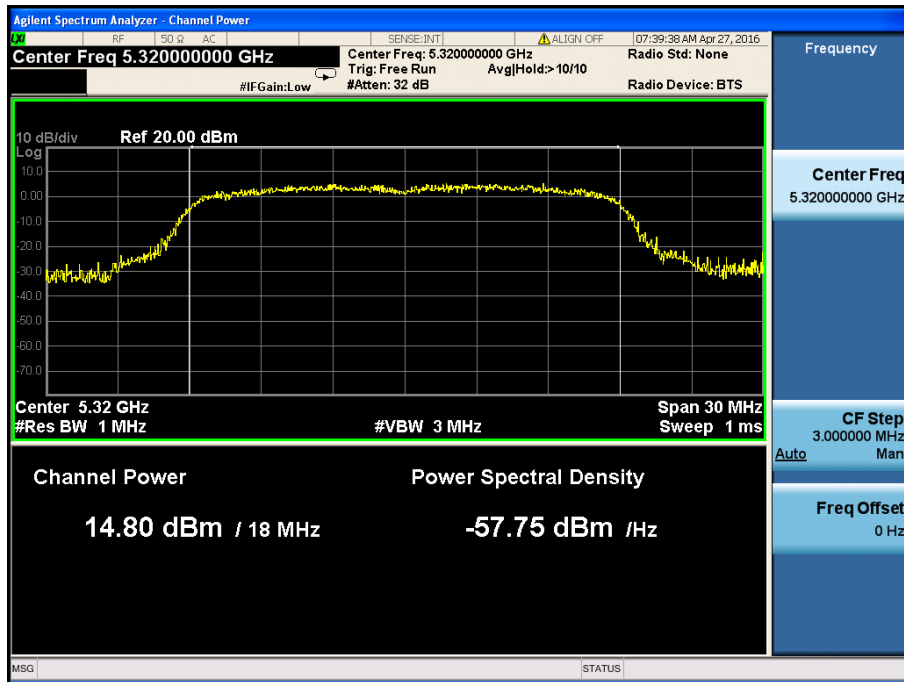


5300MHz

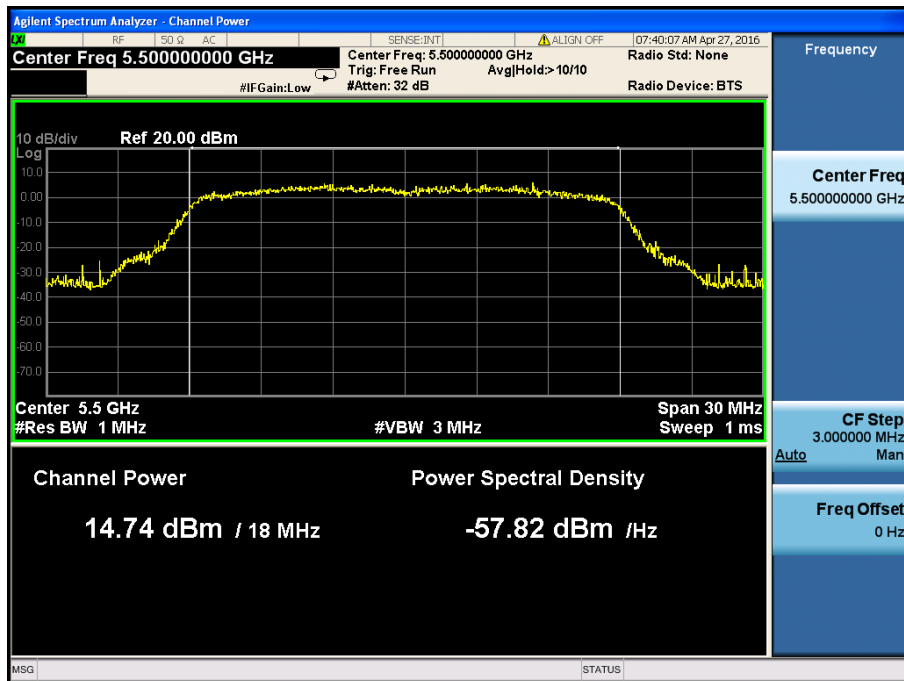




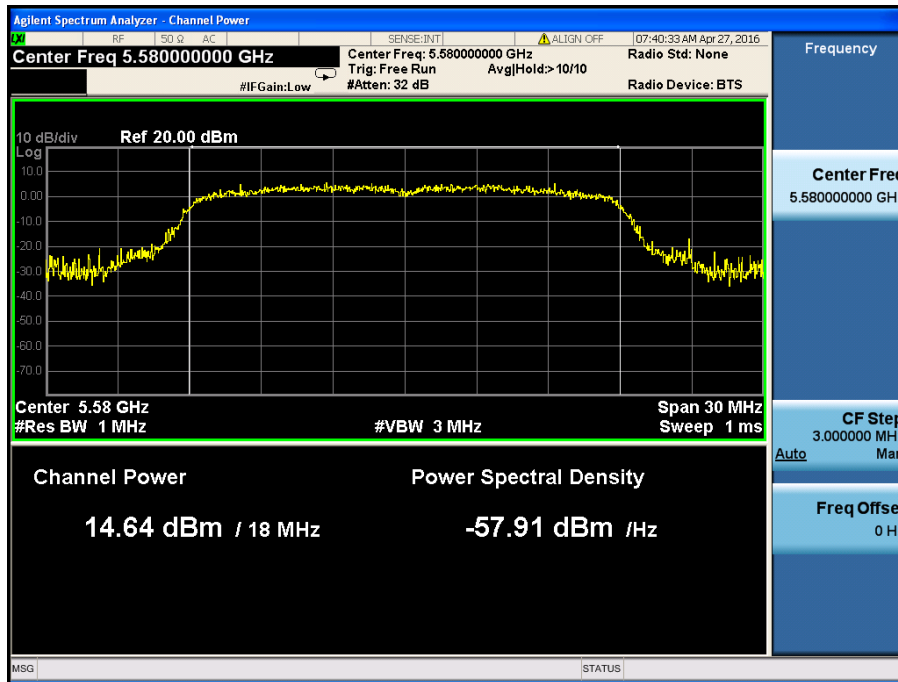
5320MHz



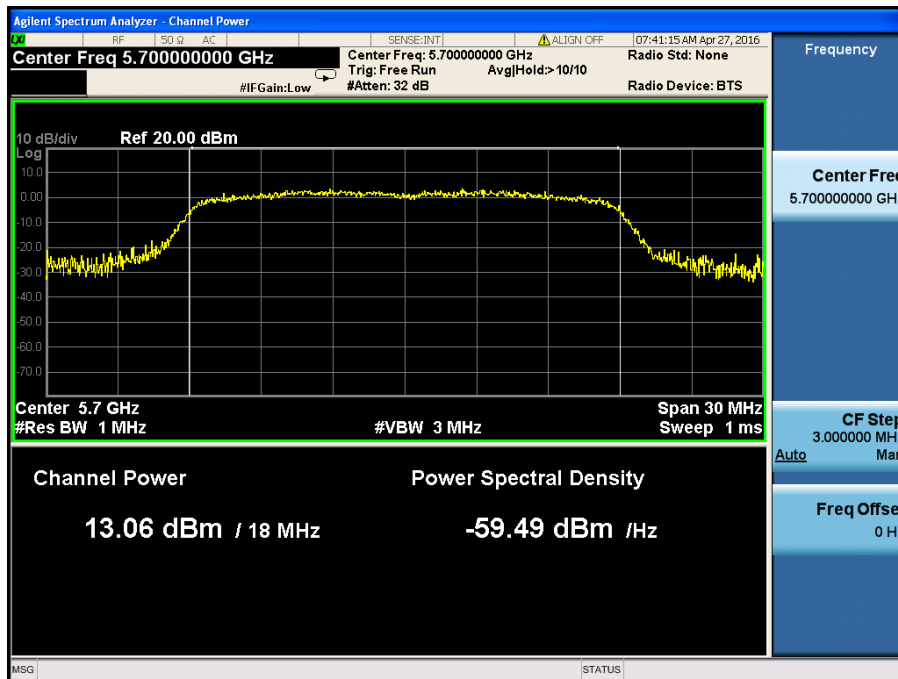
5500MHz



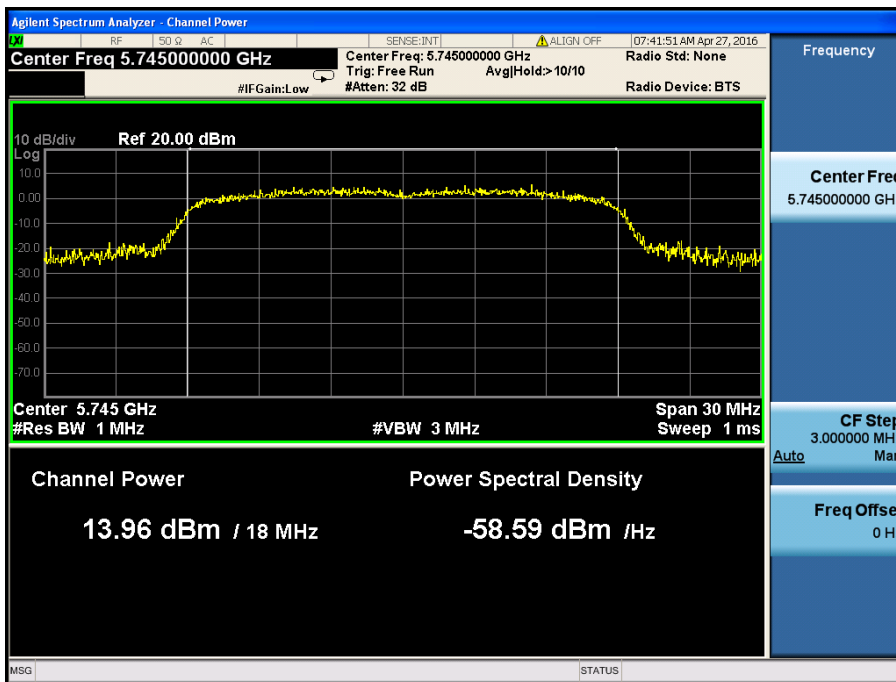
5580MHz



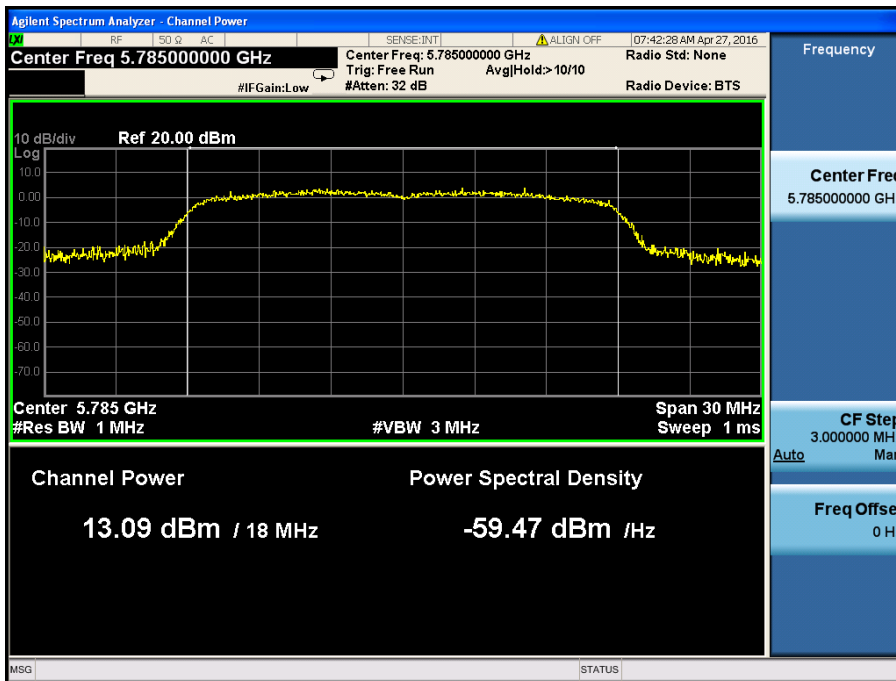
5700MHz



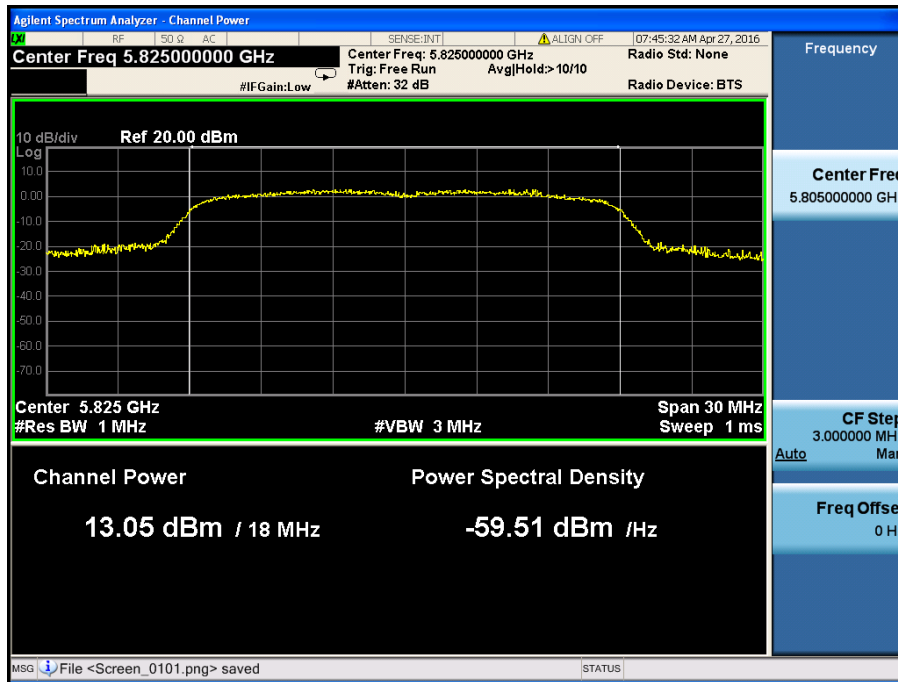
5745MHz



5785MHz

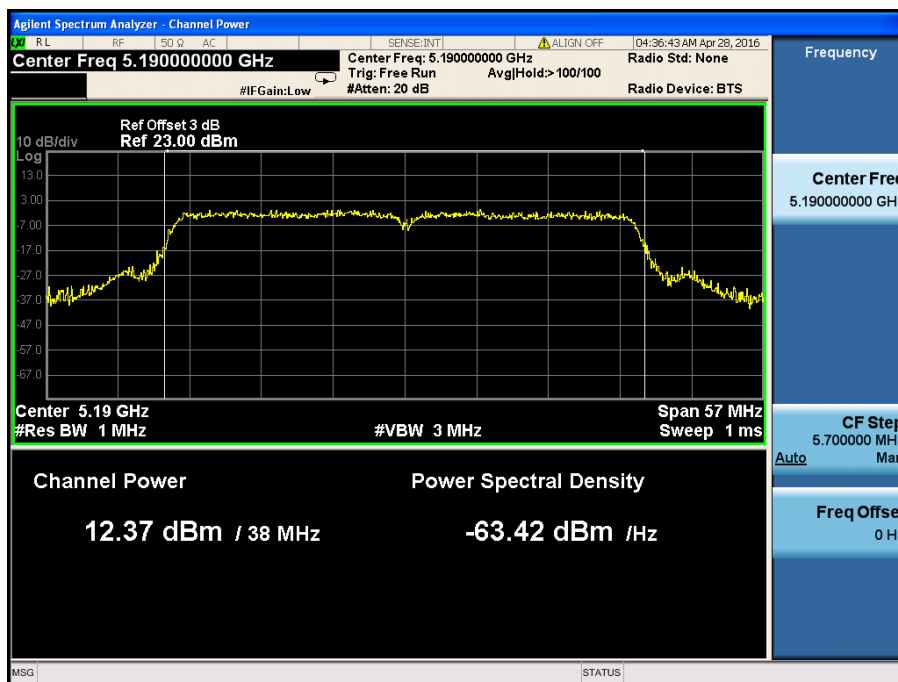


5825MHz

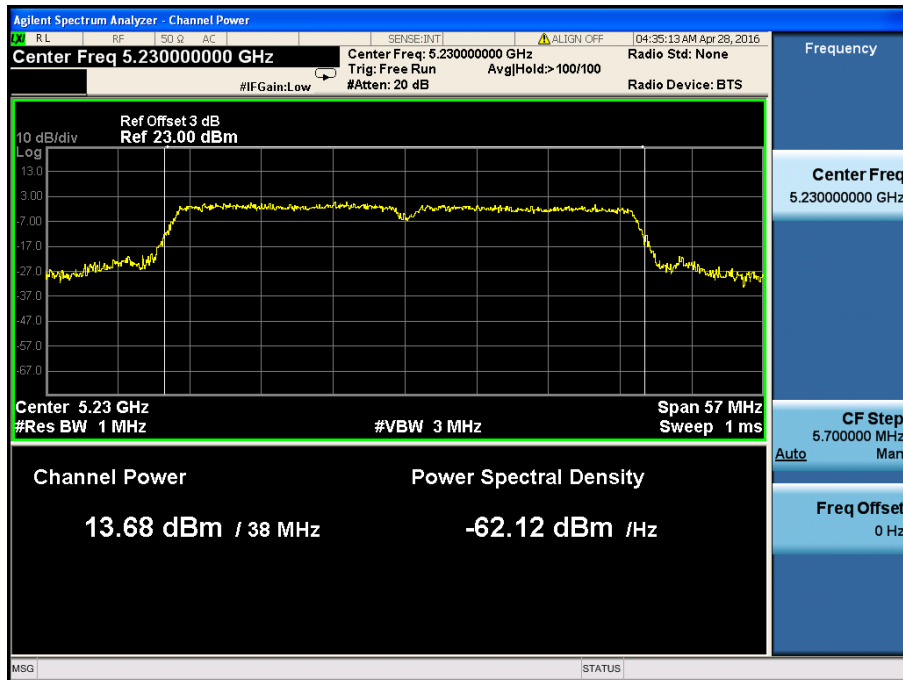


Test Mode: 802.11n-HT40

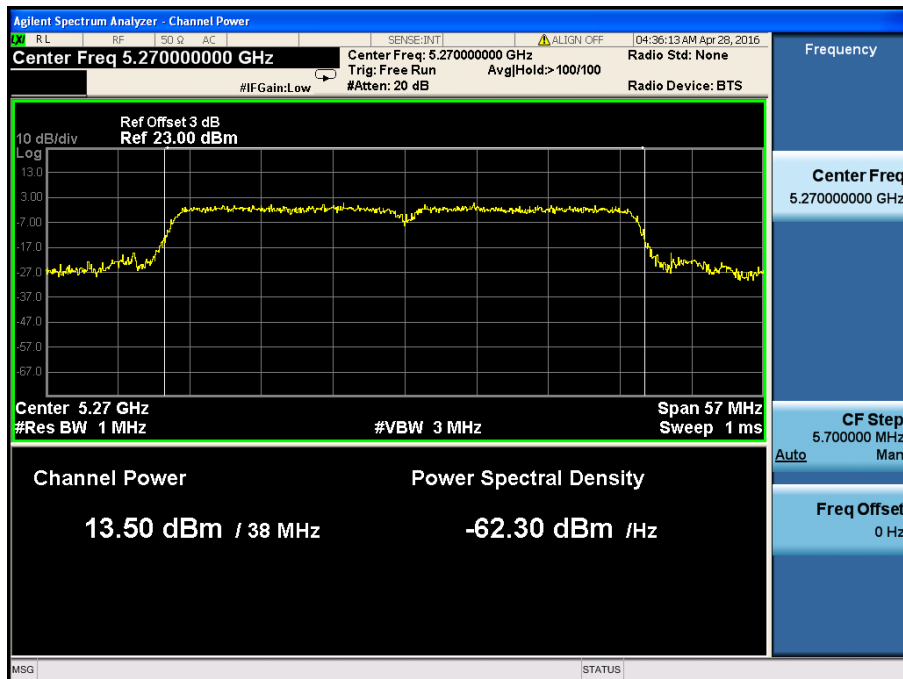
5190MHz



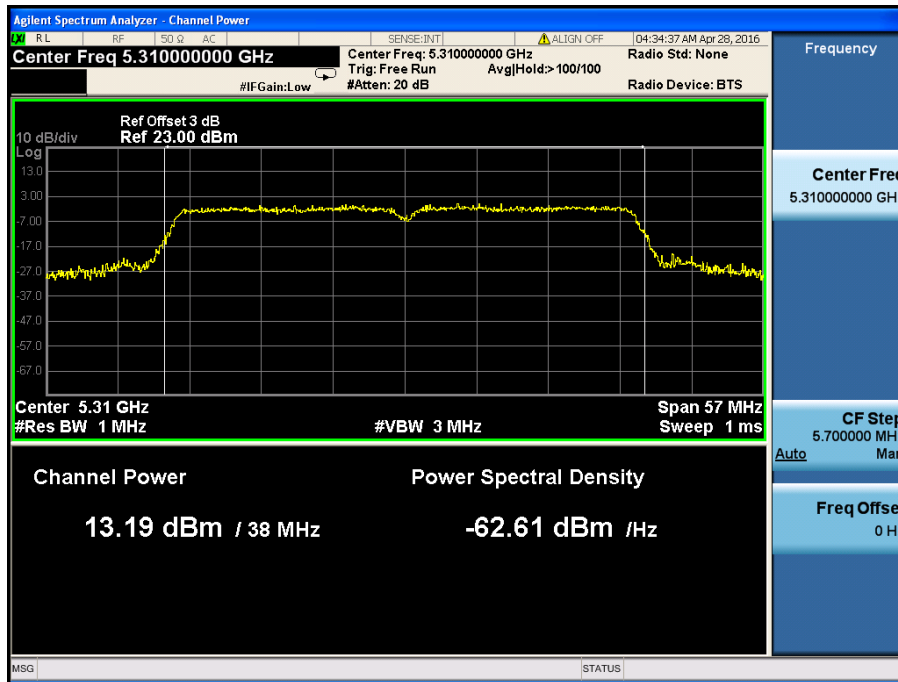
5230MHz



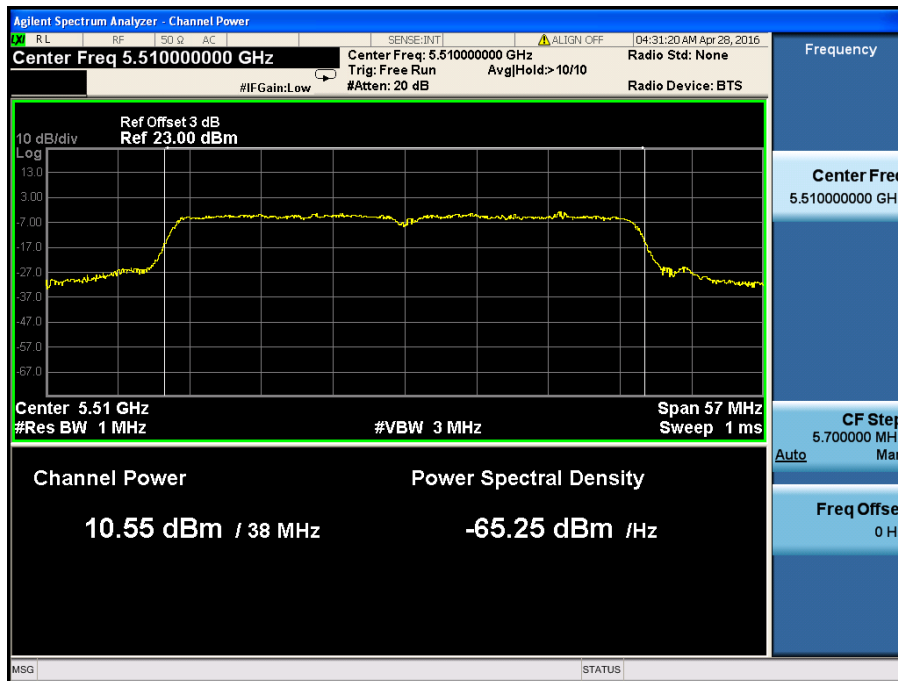
5270MHz



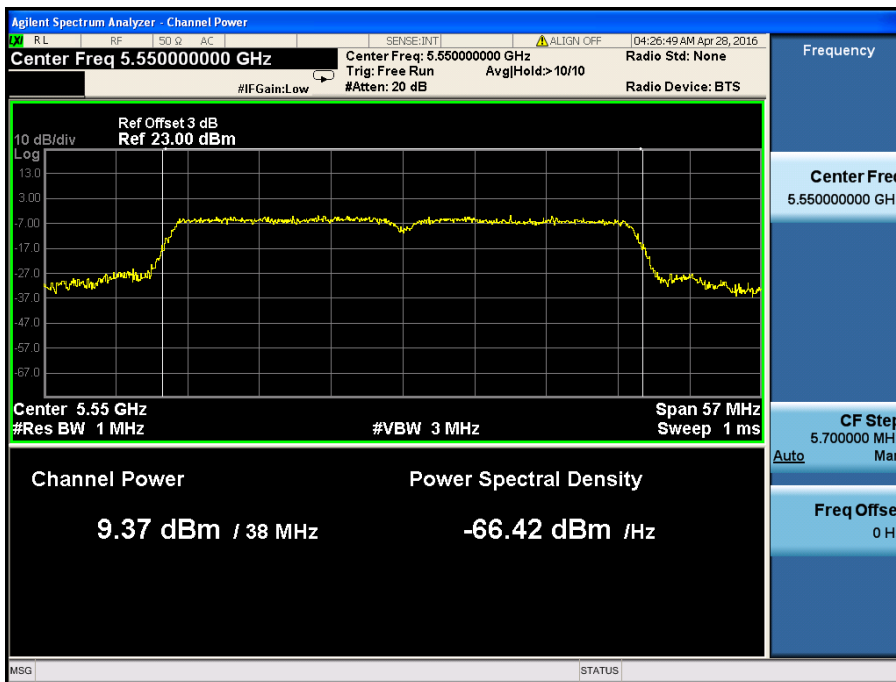
5310MHz



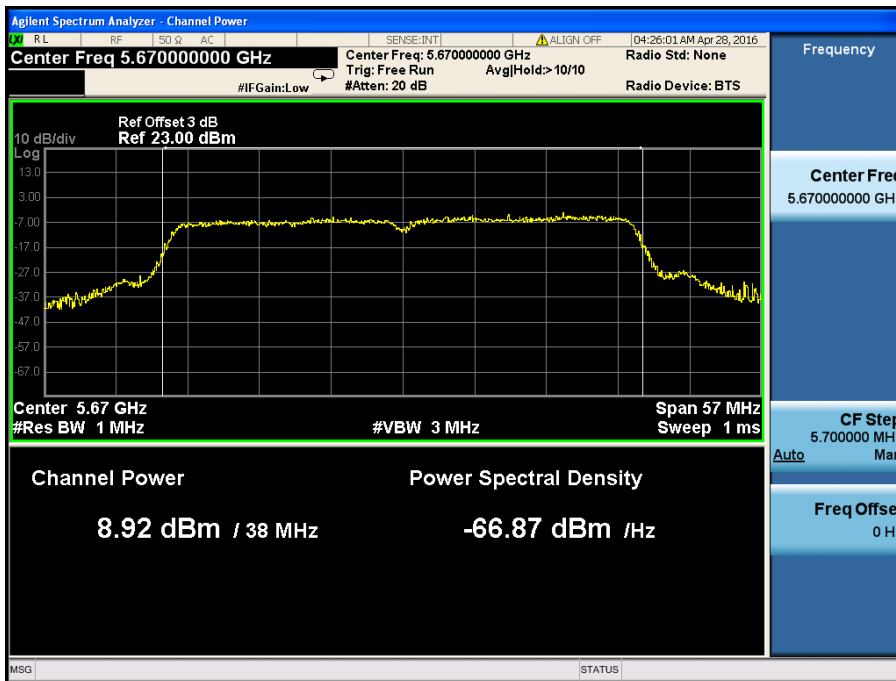
5510MHz



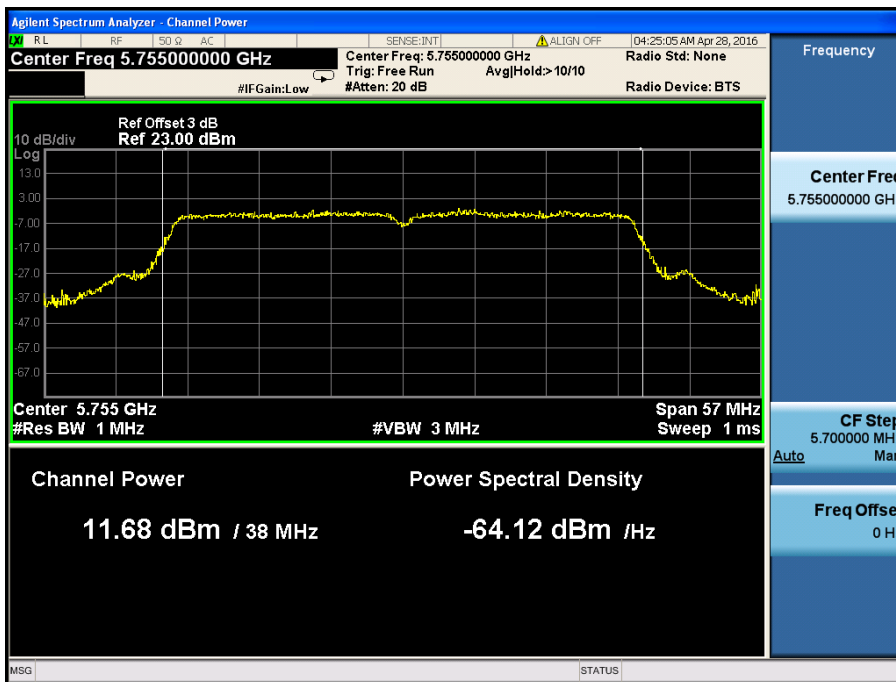
5550MHz



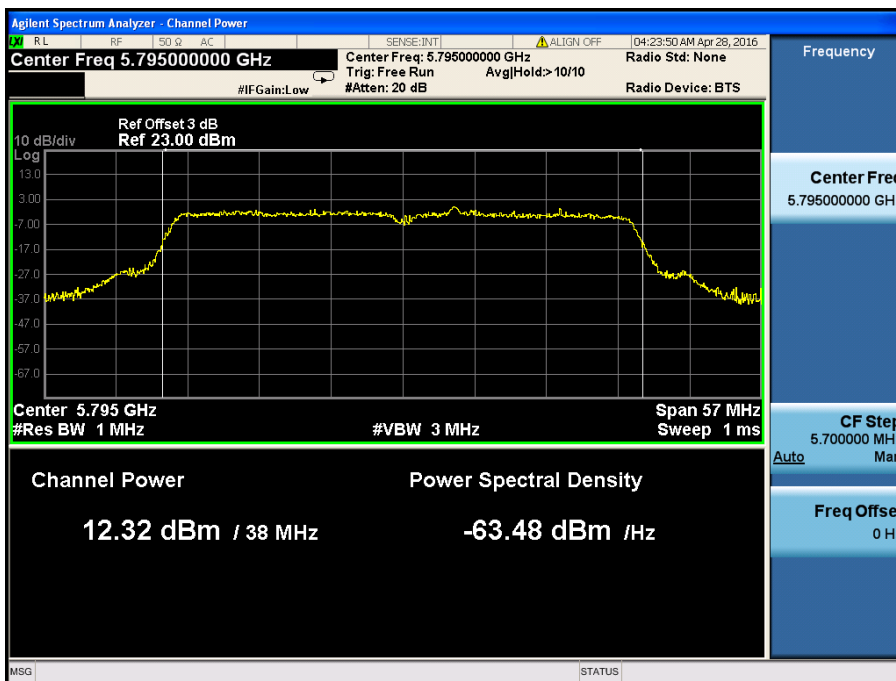
5670MHz



5755MHz



5795MHz





## 8. Conducted Spurious Emissions

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### 8.1 Standard Applicable

According to §15.407 (b) (b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (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 e.i.r.p. of  $-27$  dBm/MHz.
- (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 e.i.r.p. of  $-27$  dBm/MHz.
- (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 e.i.r.p. of  $-27$  dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 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 e.i.r.p. of  $-17$  dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

### 8.2 Test Procedure

1. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer via a RF combiner.
2. Set the spectrum analyzer as RBW = 100kHz/1MHz, VBW=300kHz/3MHz, Sweep = auto
3. Set the Lowest, Middle and Highest Transmitting Channel, observed the outside band of 30MHz to 40GHz, then mark the higher-level emission for comparing with the FCC rules.

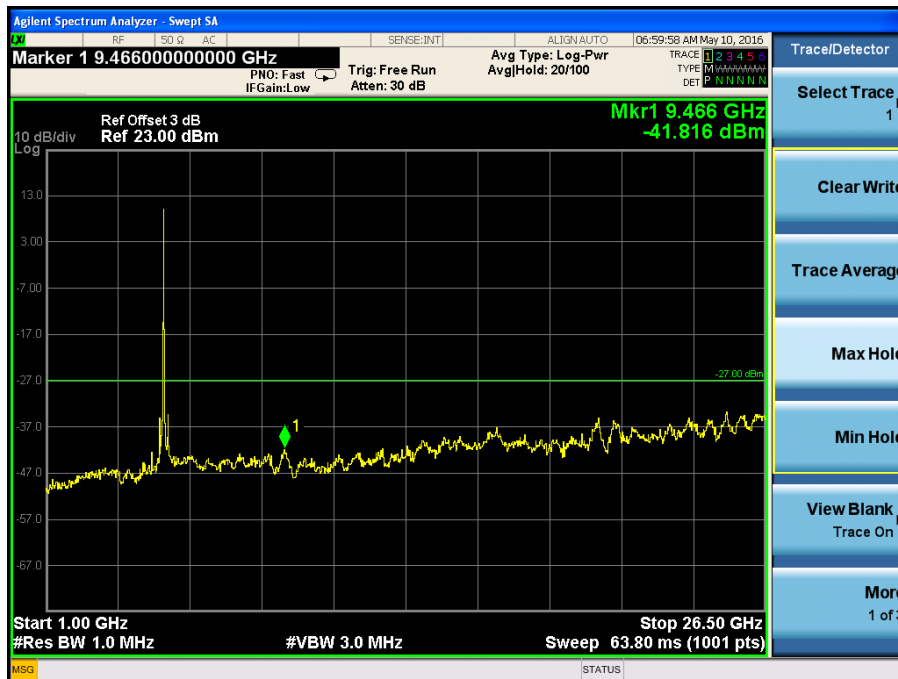
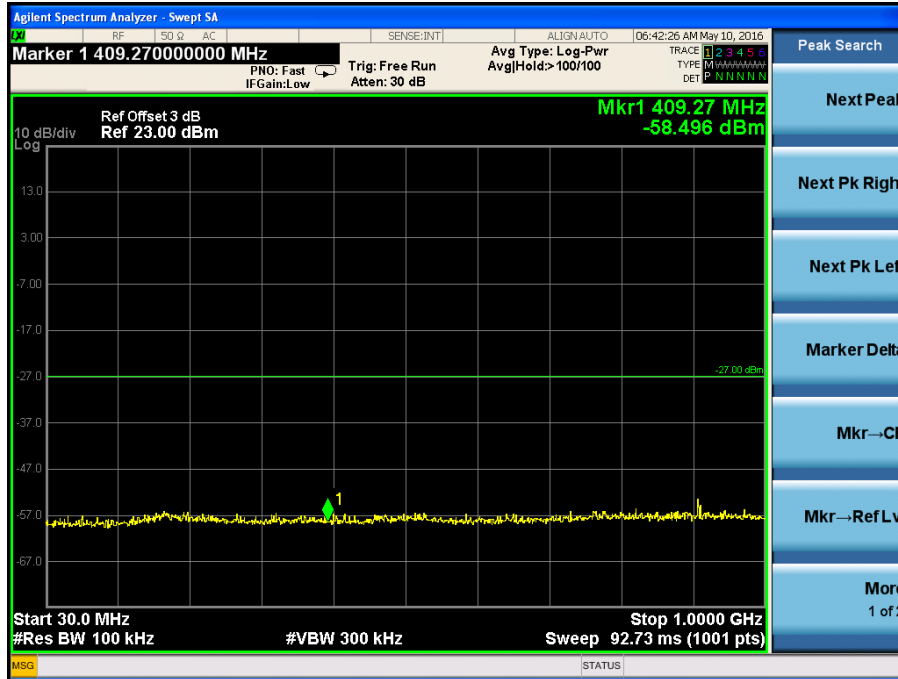
### 8.3 Environmental Conditions

Temperature:	21° C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

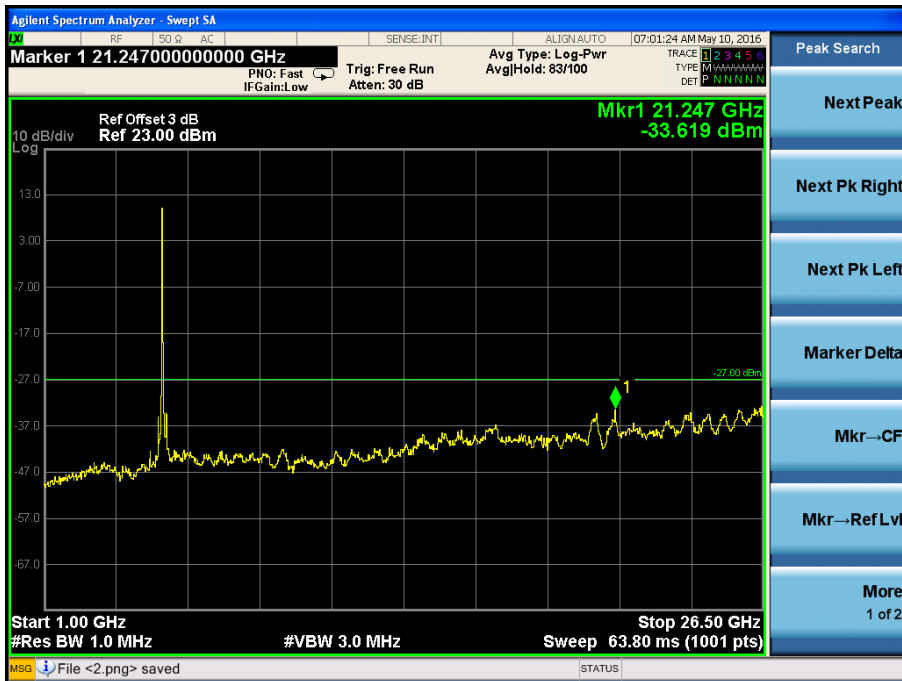
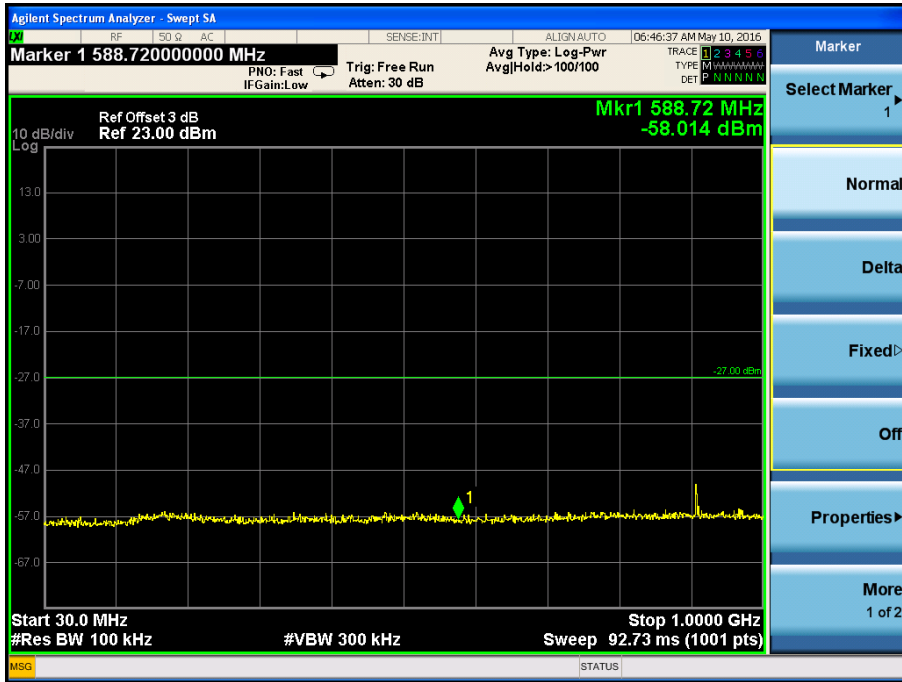
### 8.4 Summary of Test Results/Plots

Emissions below 30MHz and above 26.5GHz are attenuated more than 20dB below the permissible limits and test data are not reported.

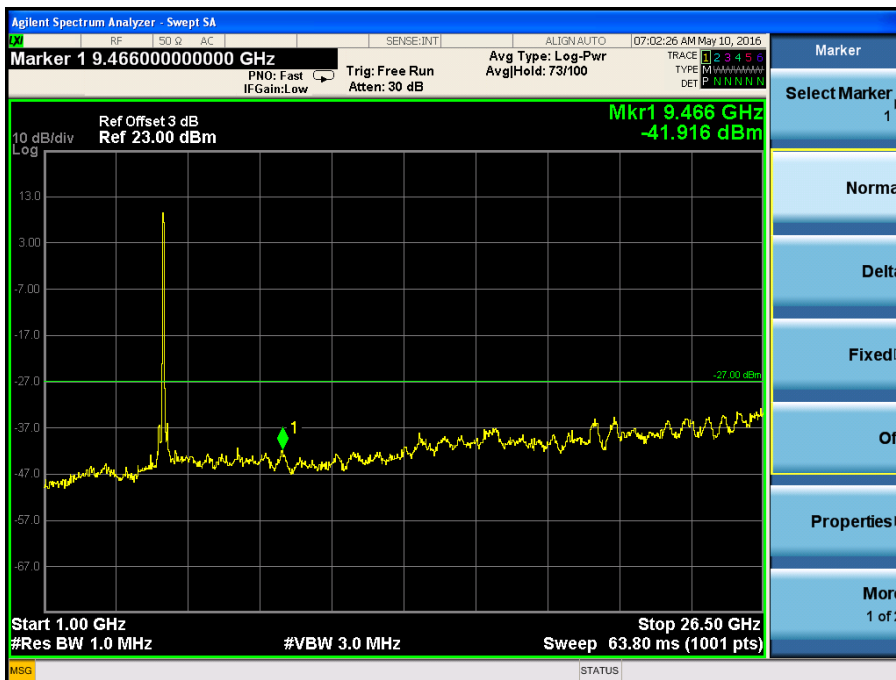
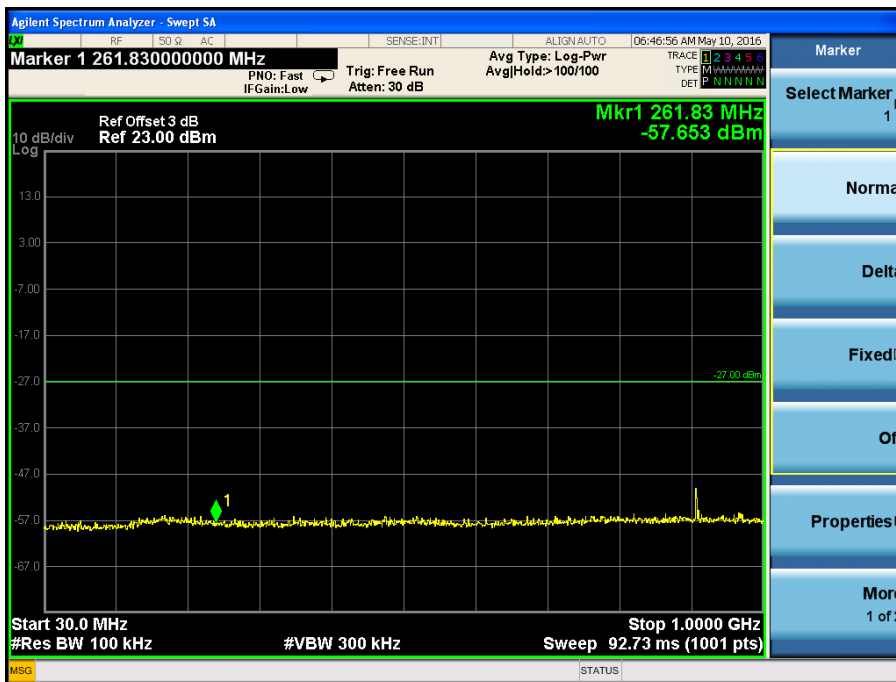
Antenna 1  
 802.11a  
 5180MHz



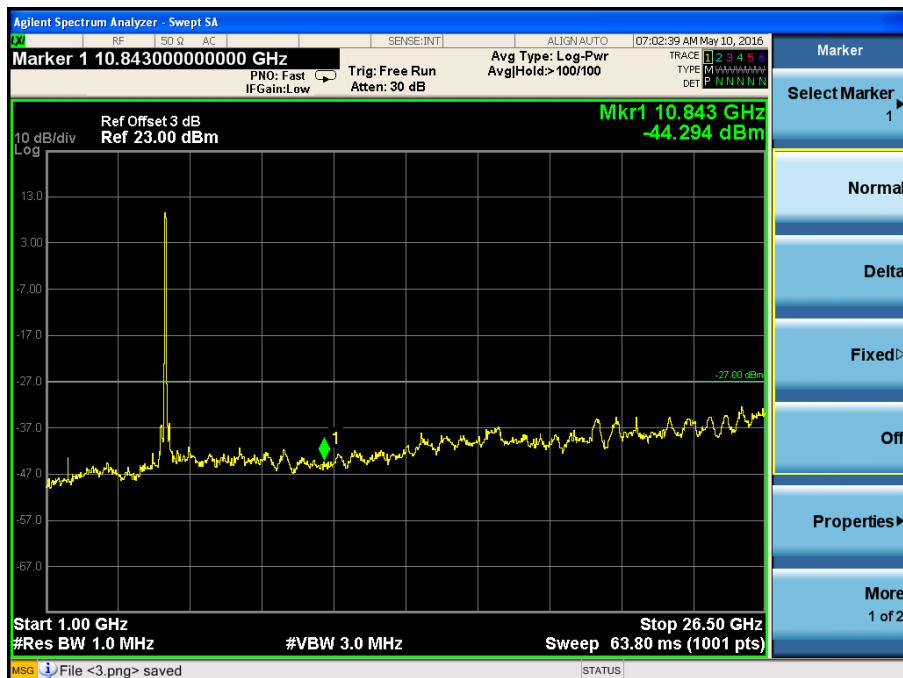
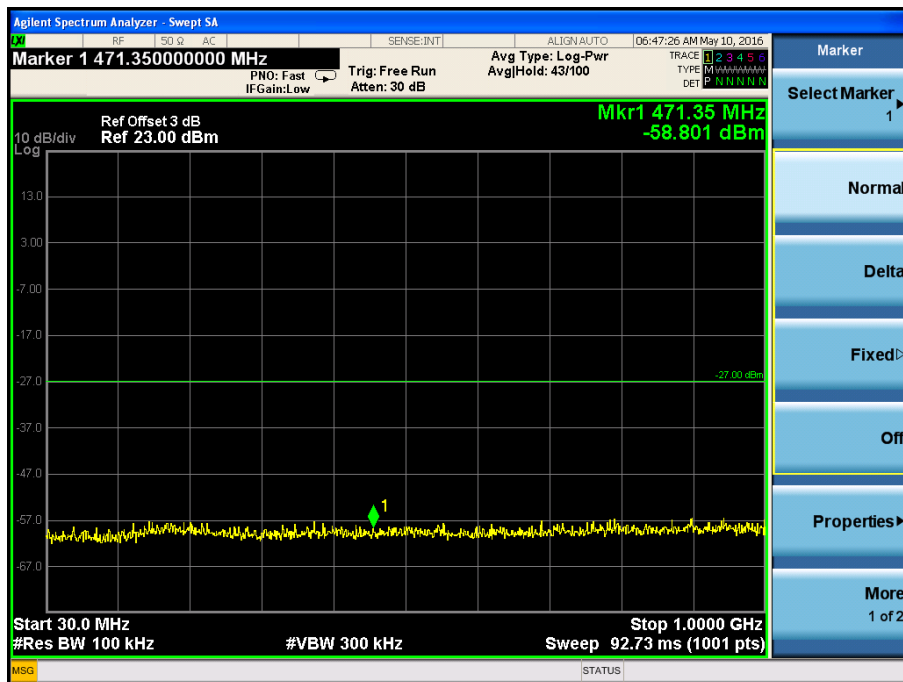
5200MHz



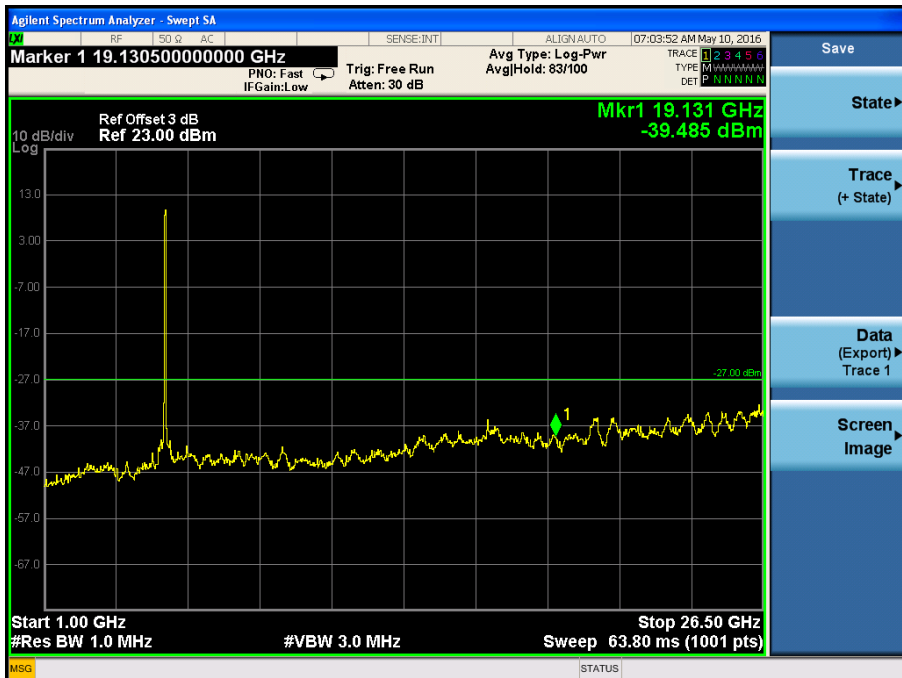
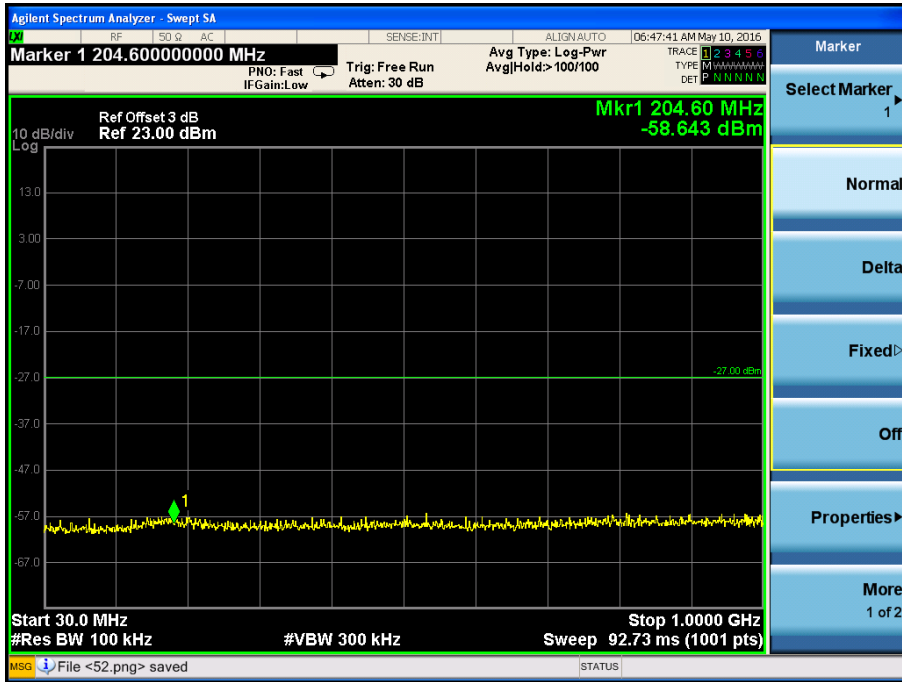
5240MHz



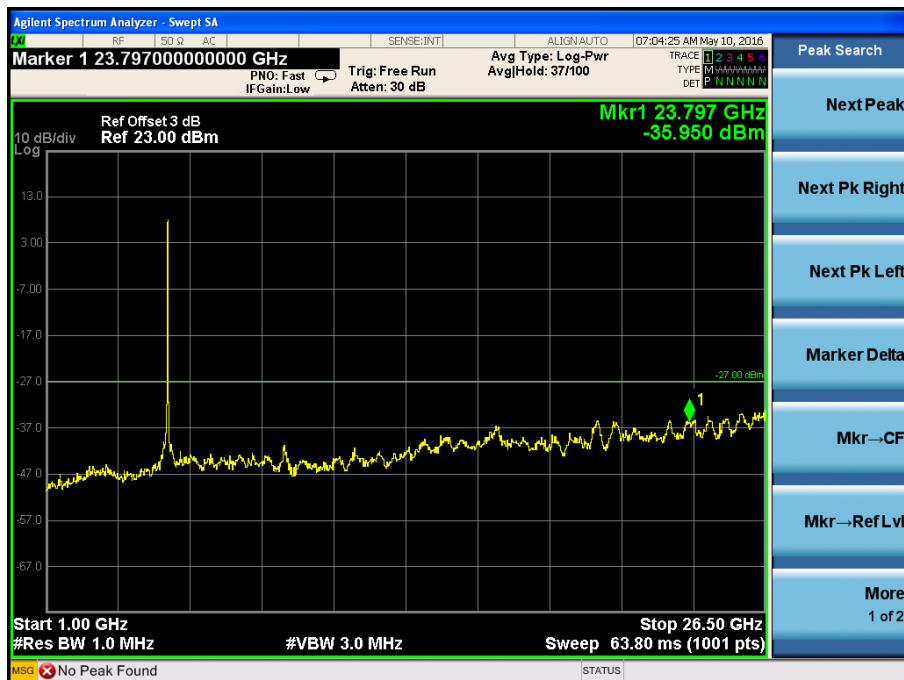
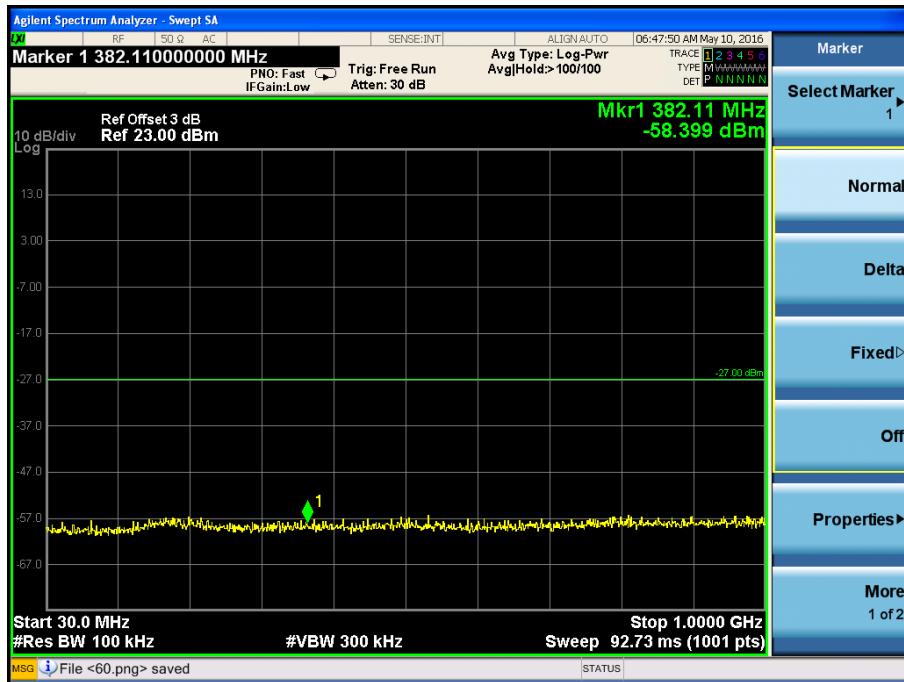
5260MHz



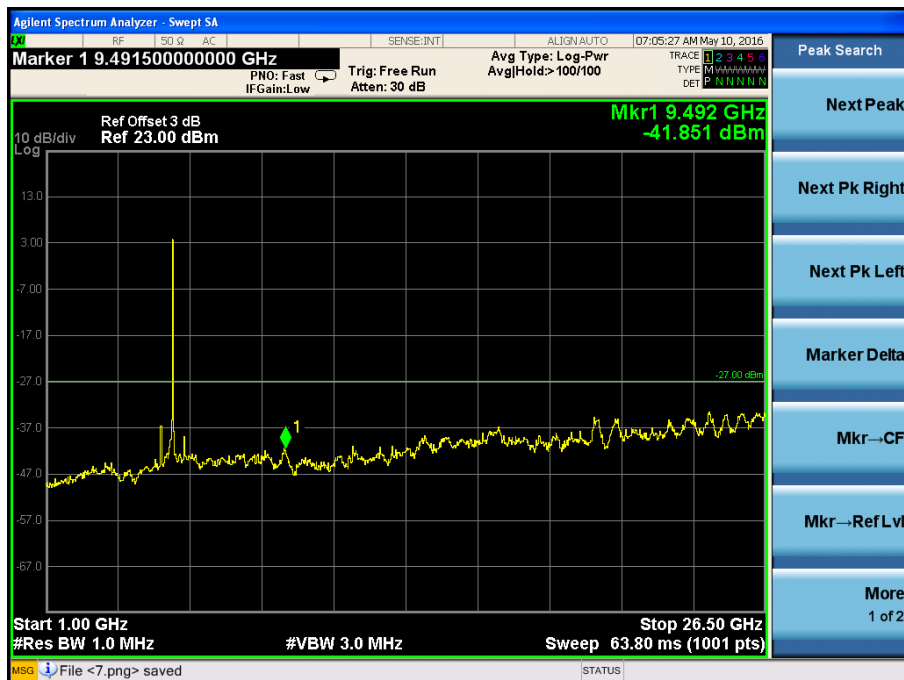
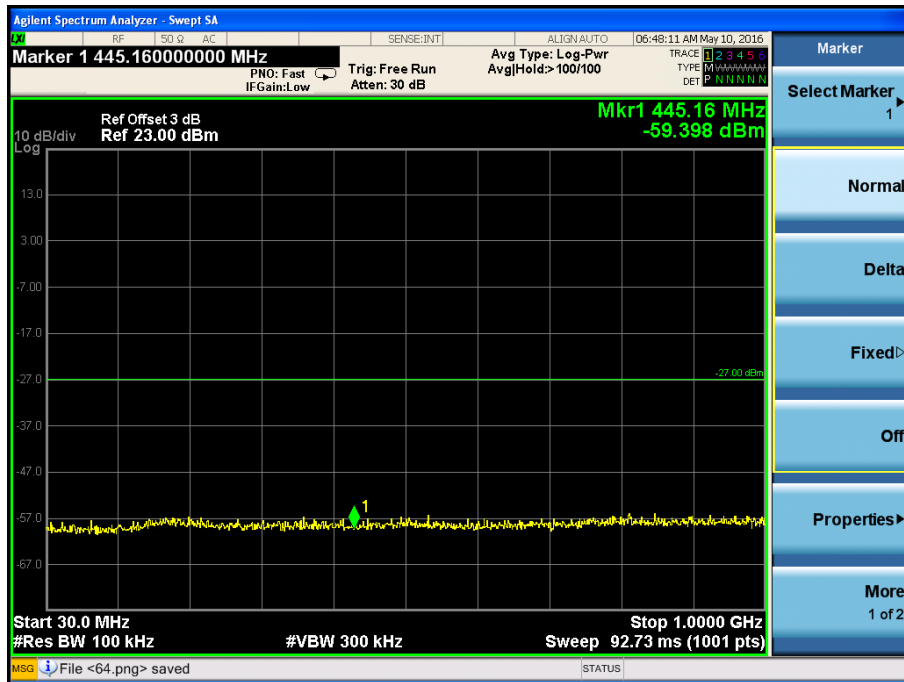
5300MHz



5320MHz

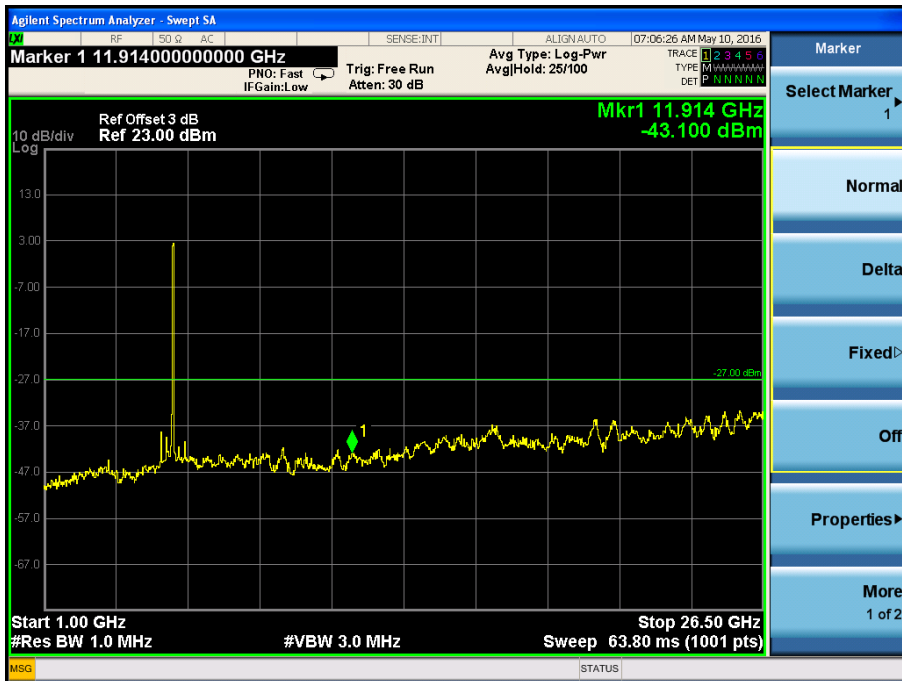
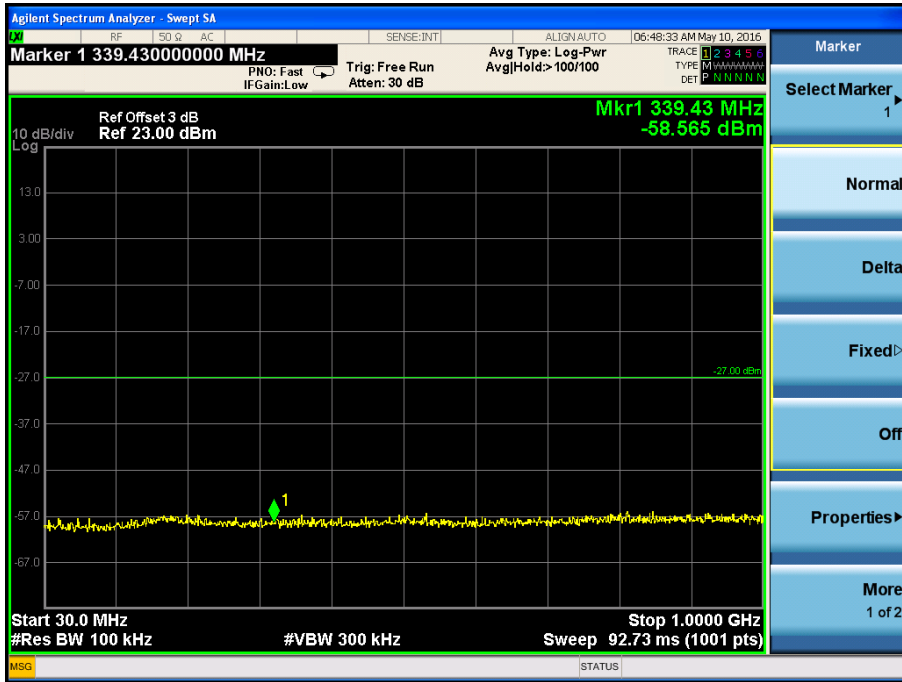


5500MHz

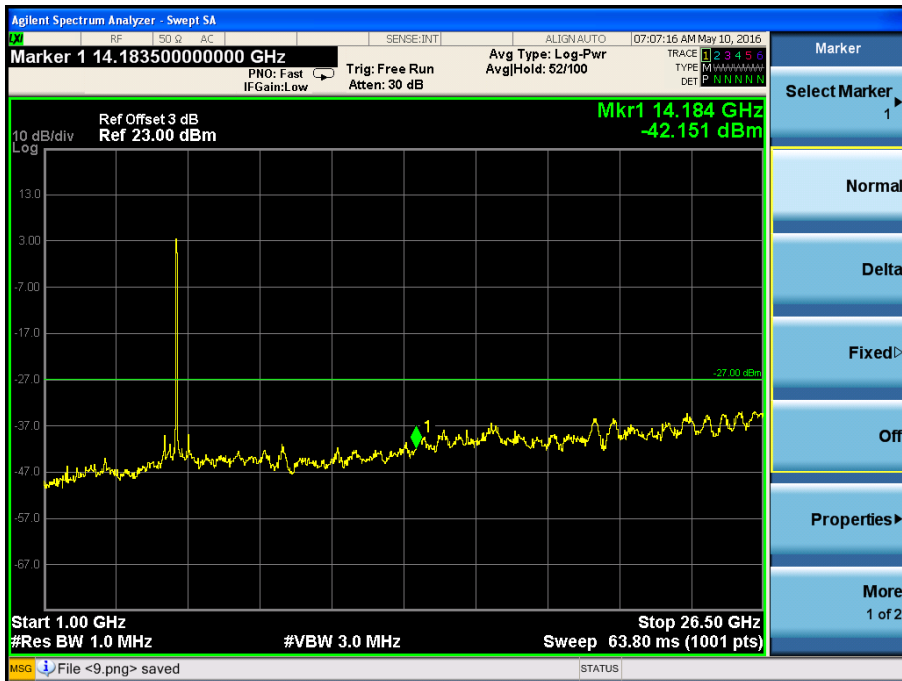
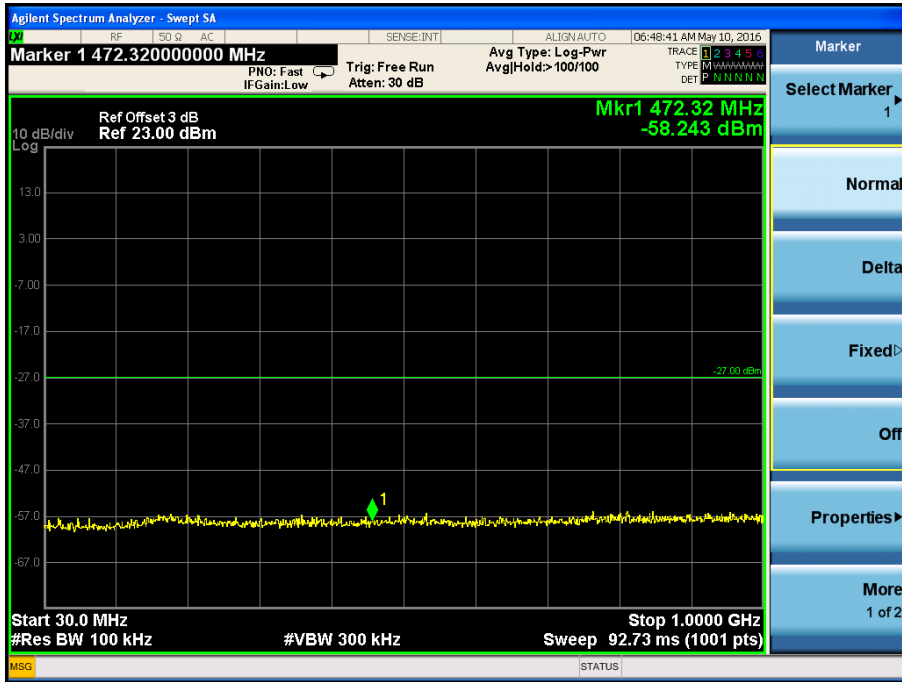




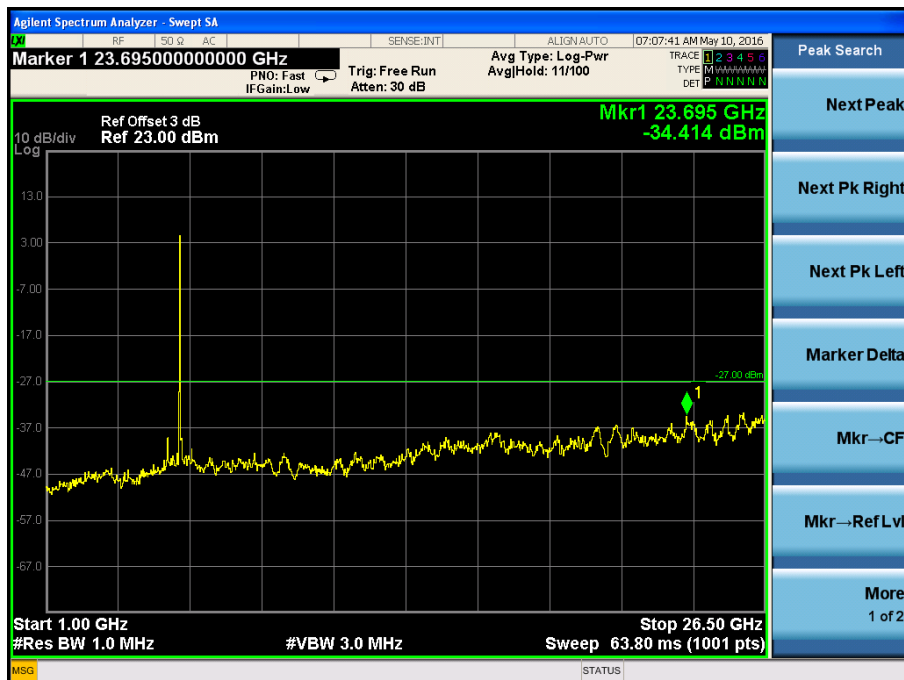
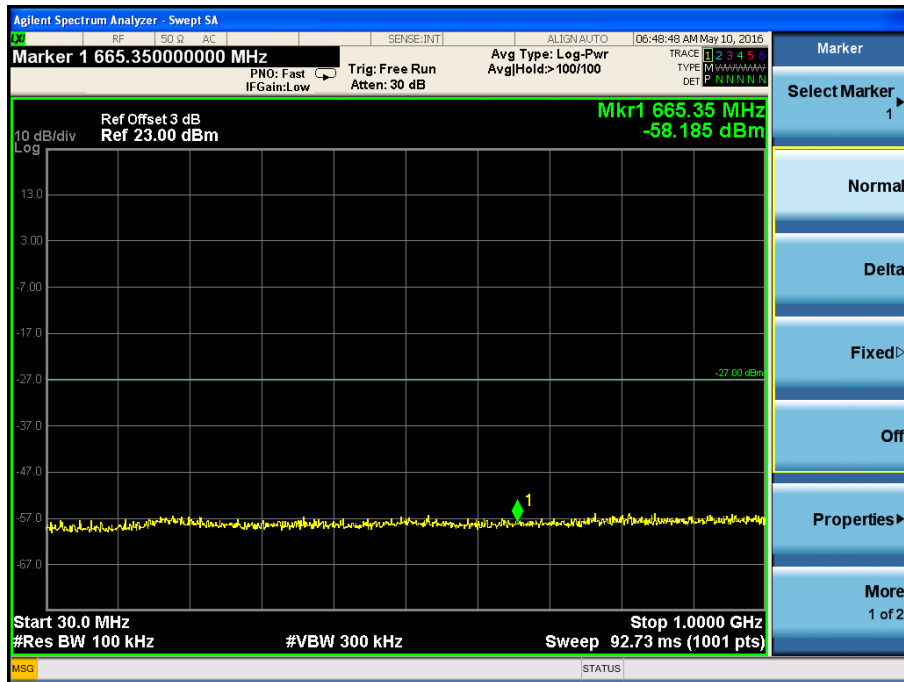
5580MHz



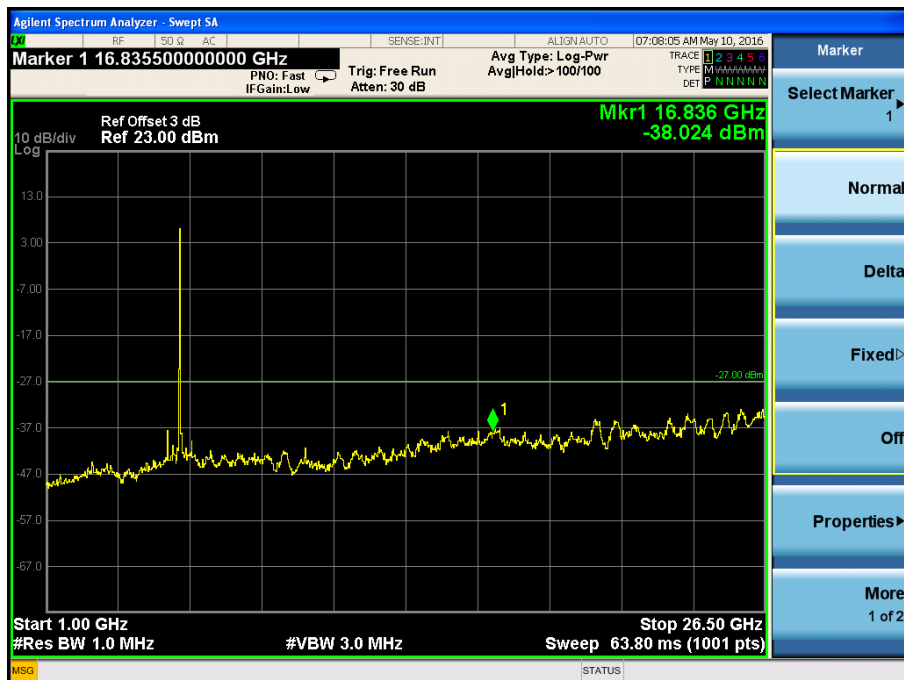
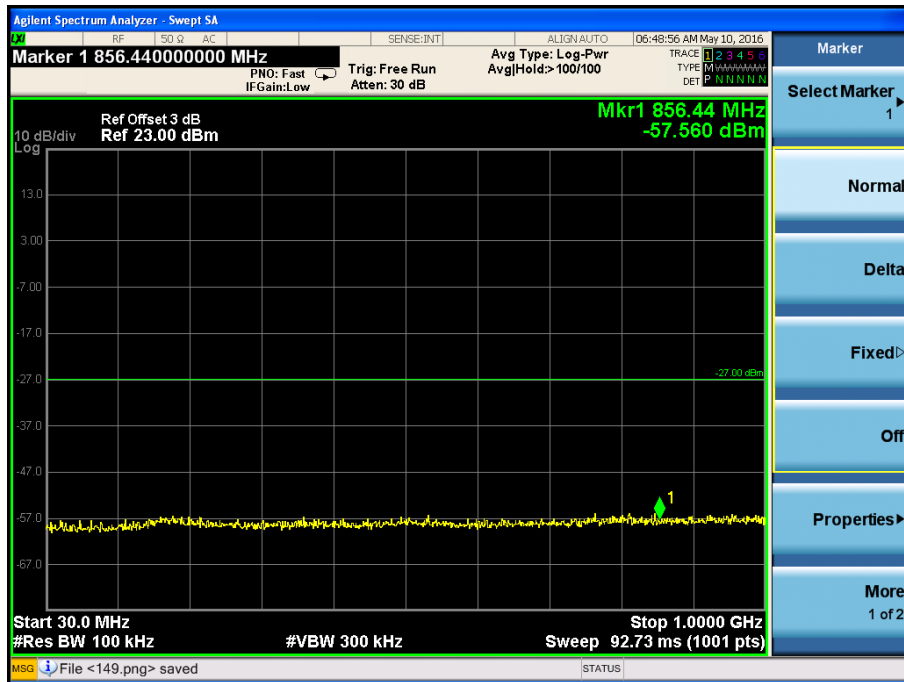
5700MHz



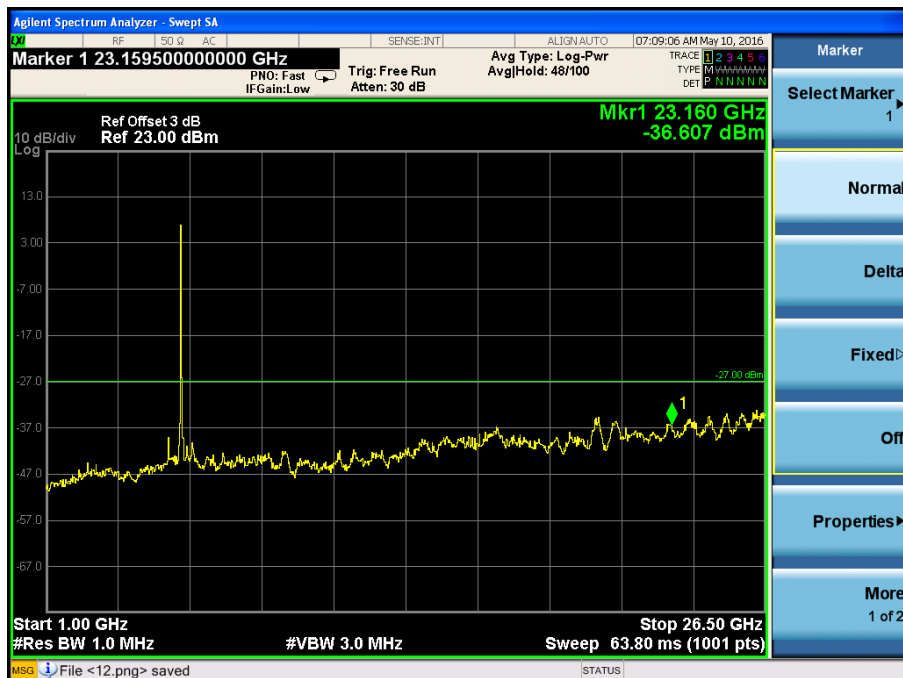
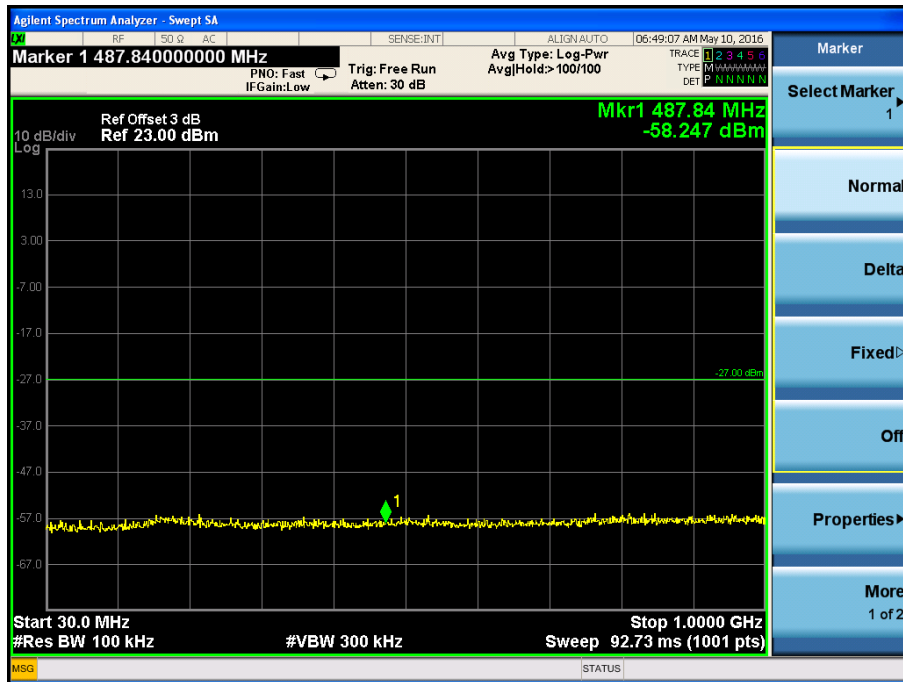
5745MHz



5785MHz

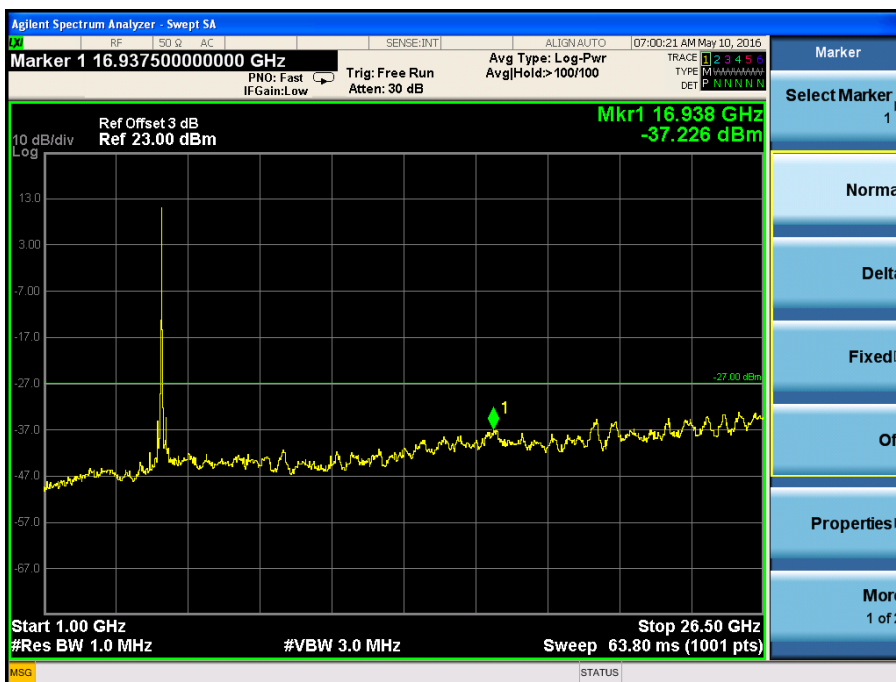
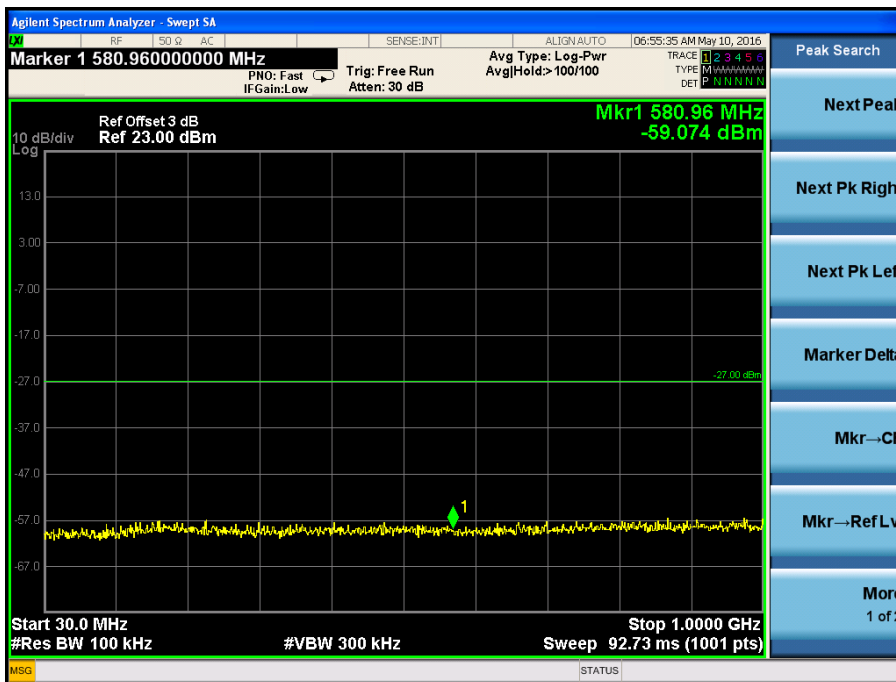


5825MHz

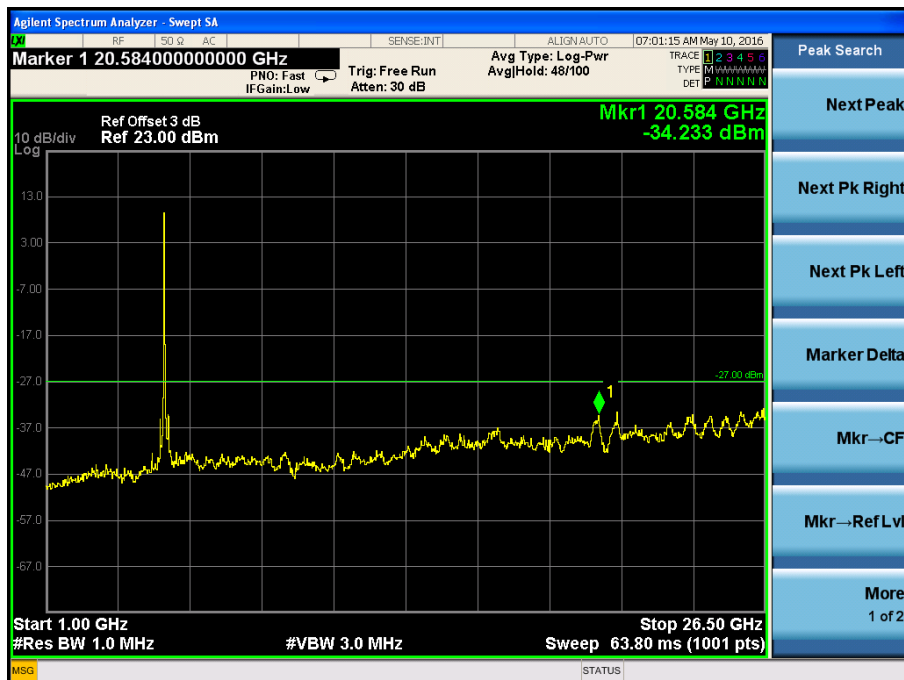
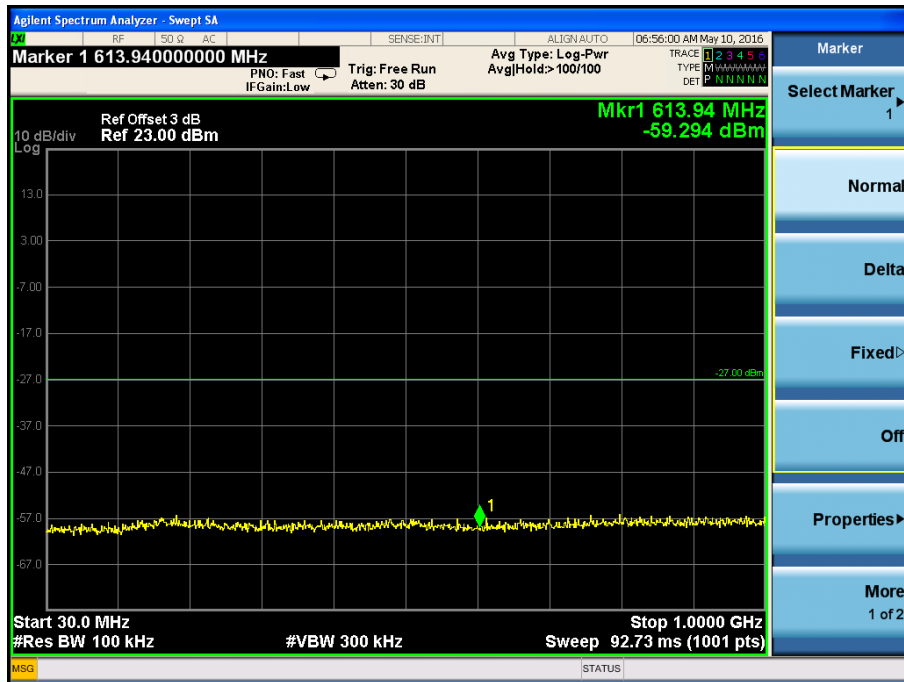


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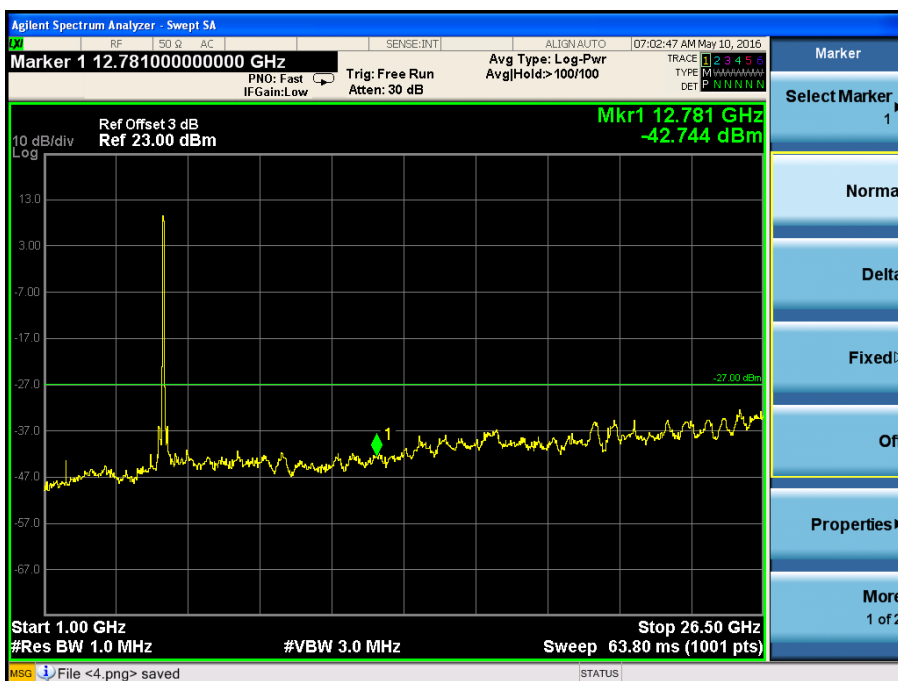
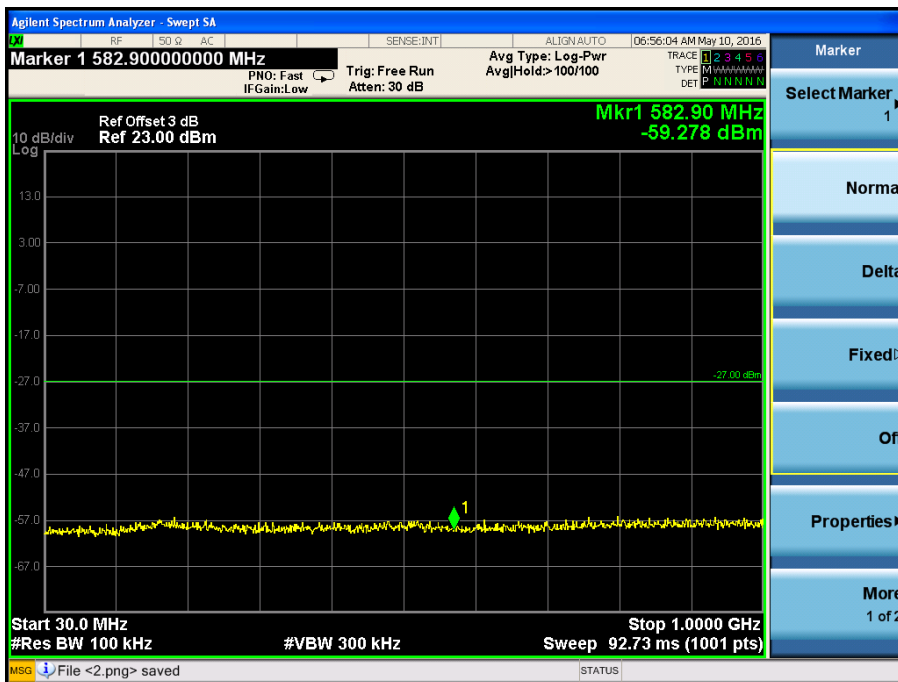
5180MHz



5200MHz

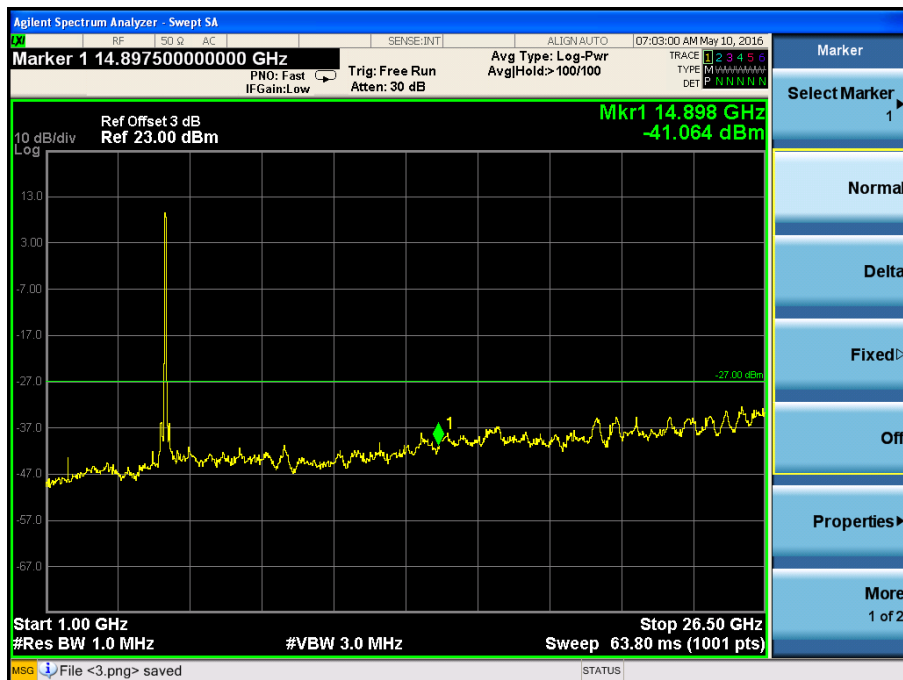
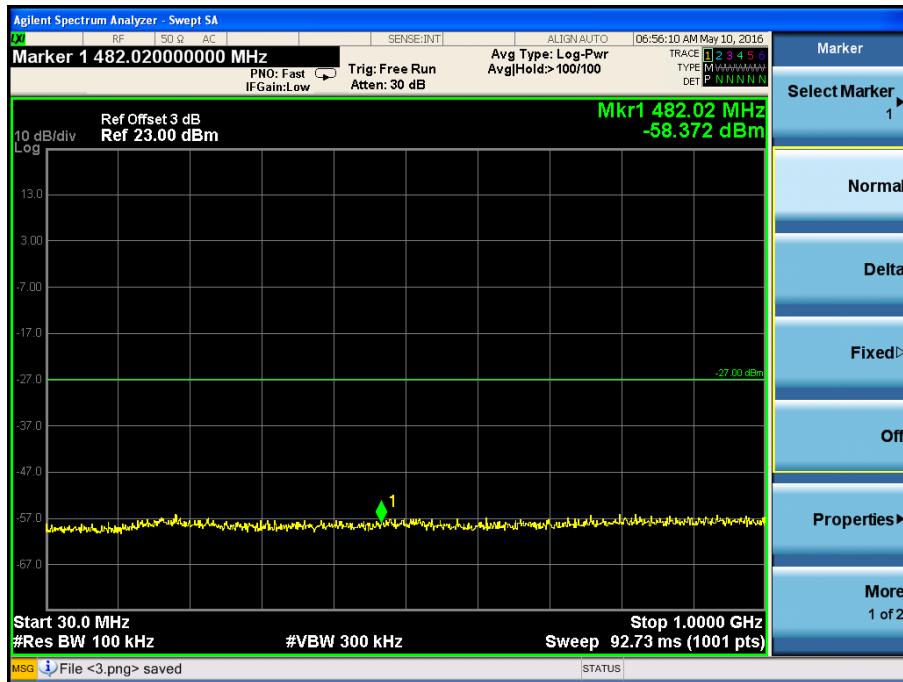


5240MHz

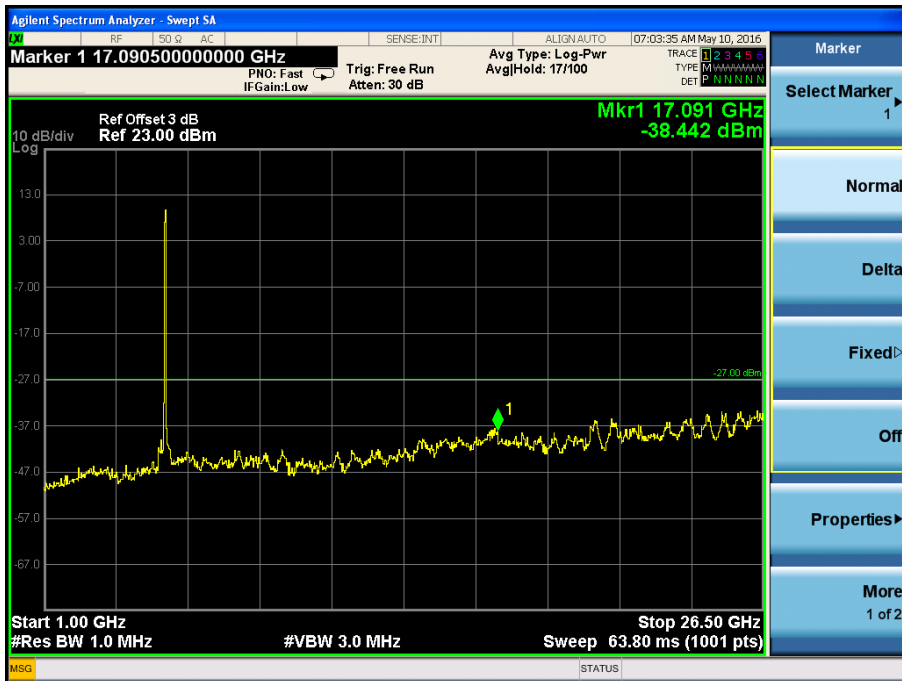
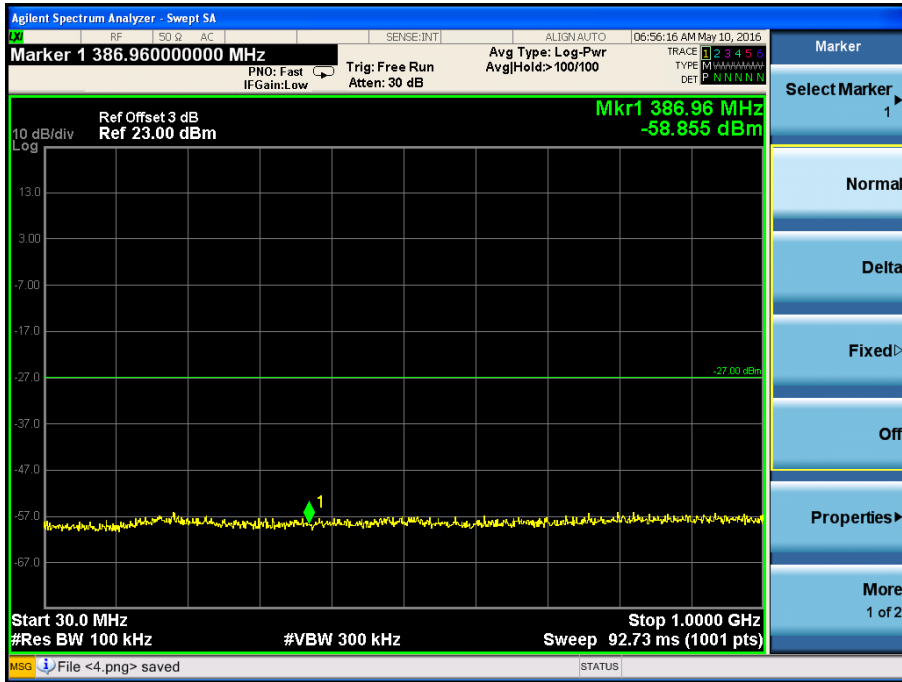




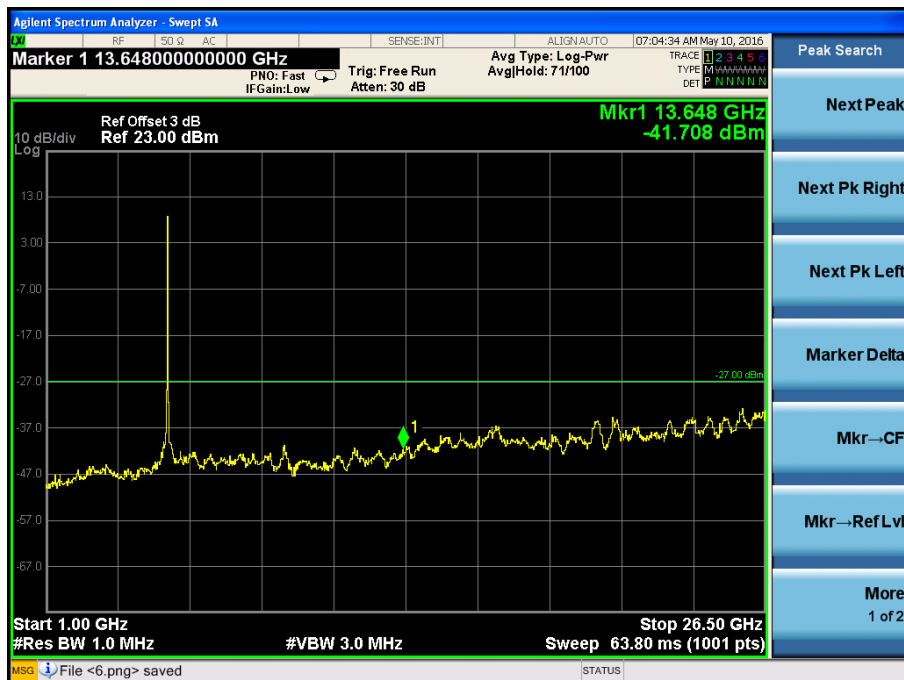
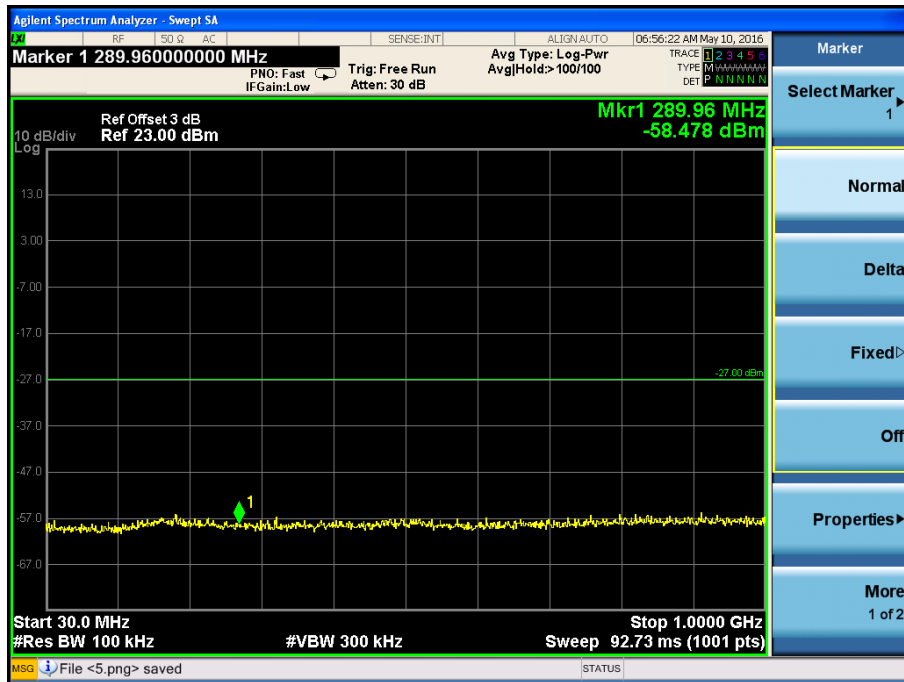
5260MHz



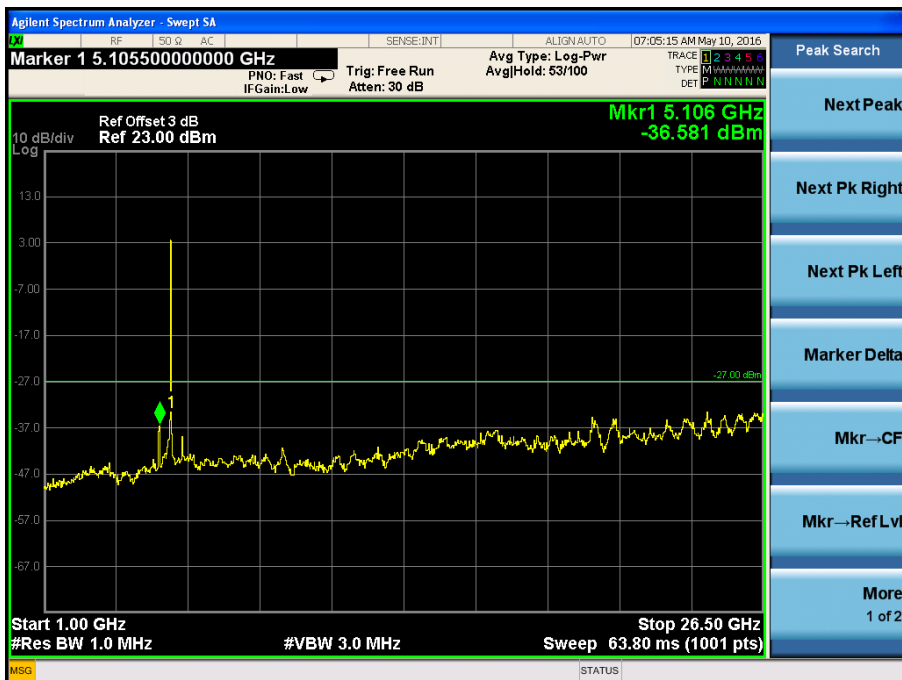
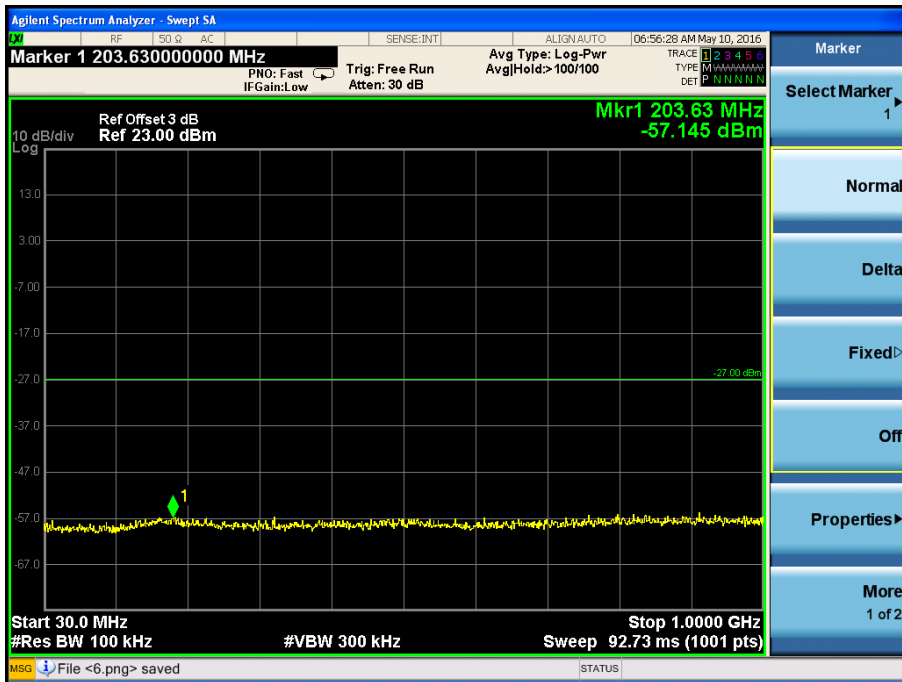
5300MHz



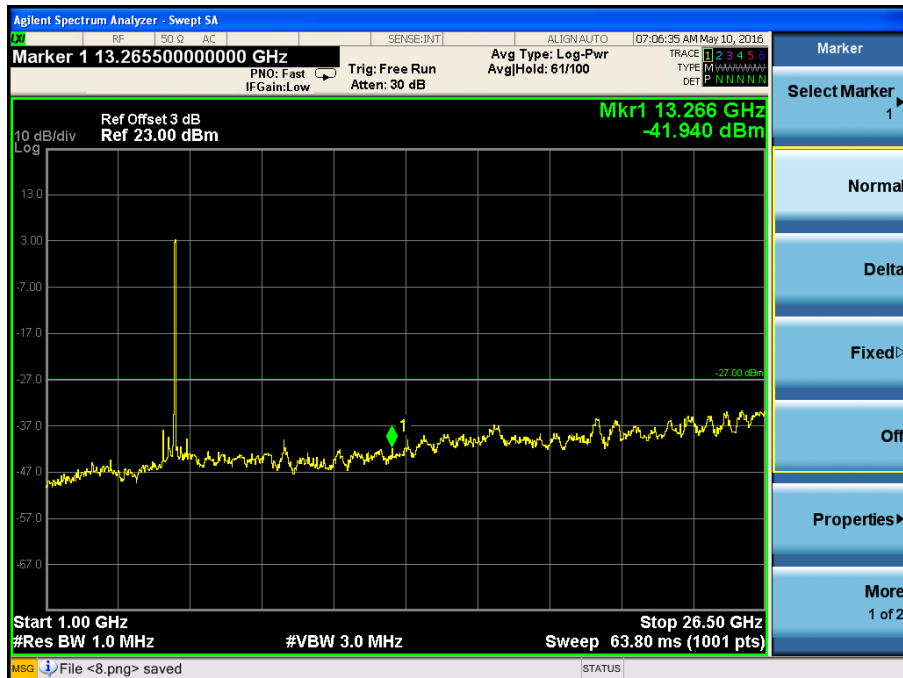
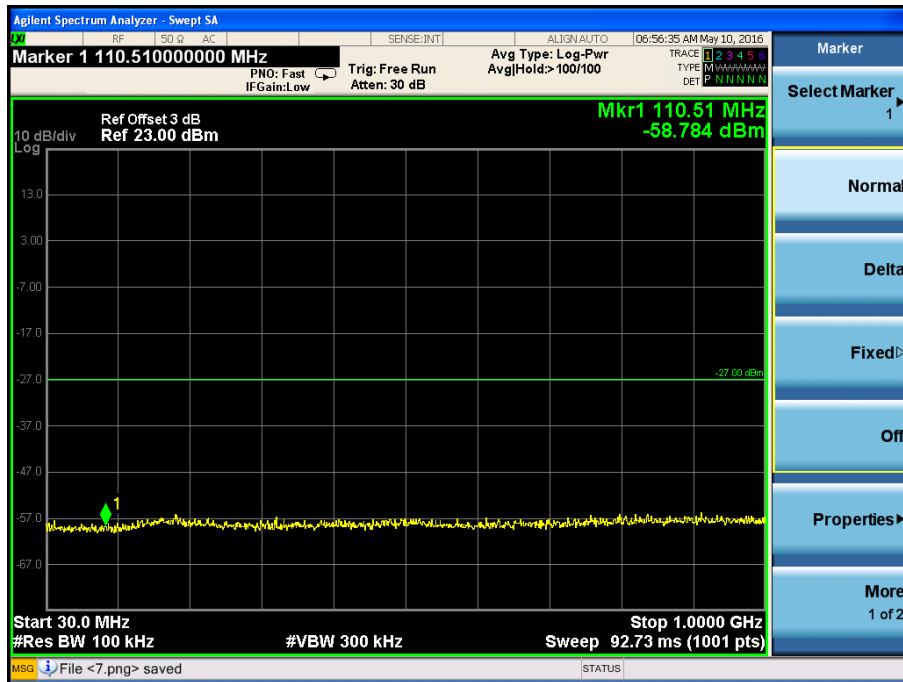
5320MHz



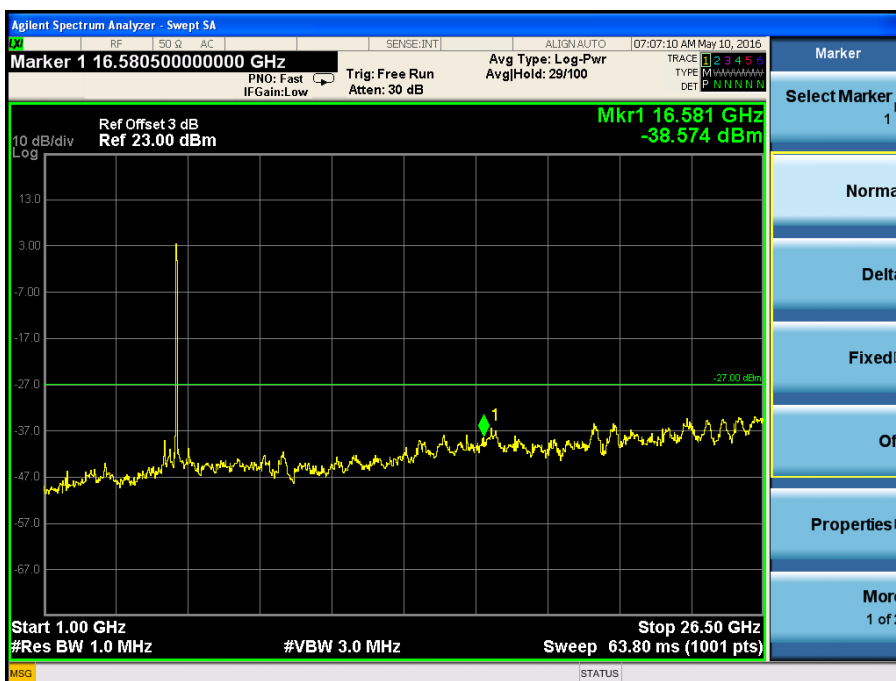
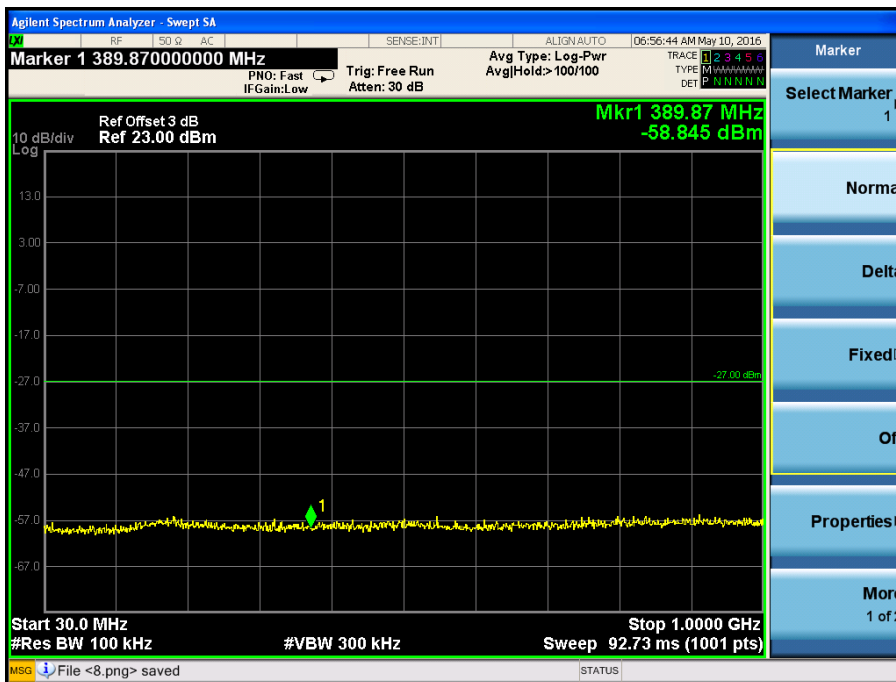
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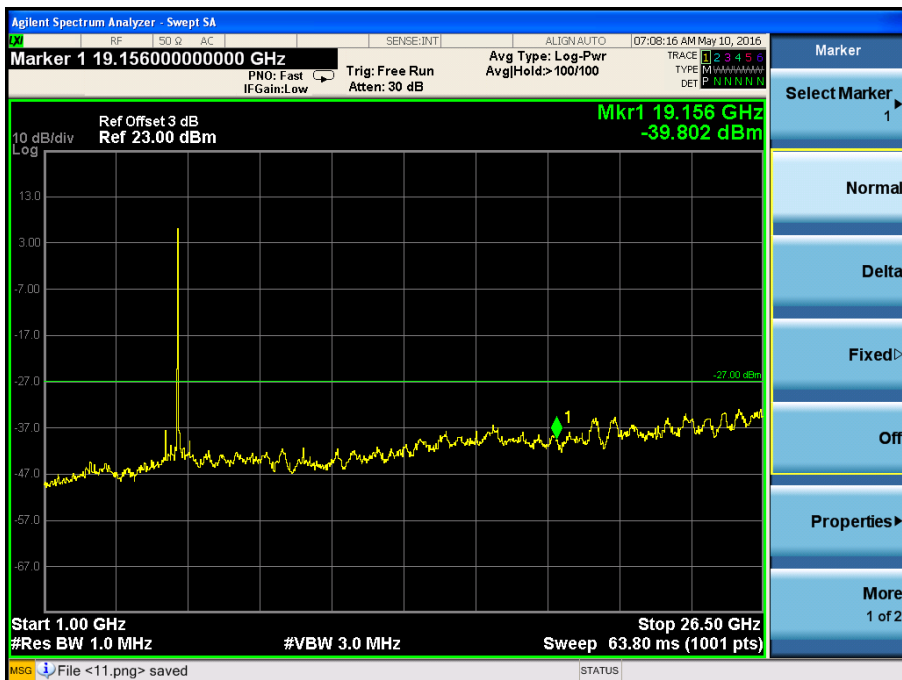
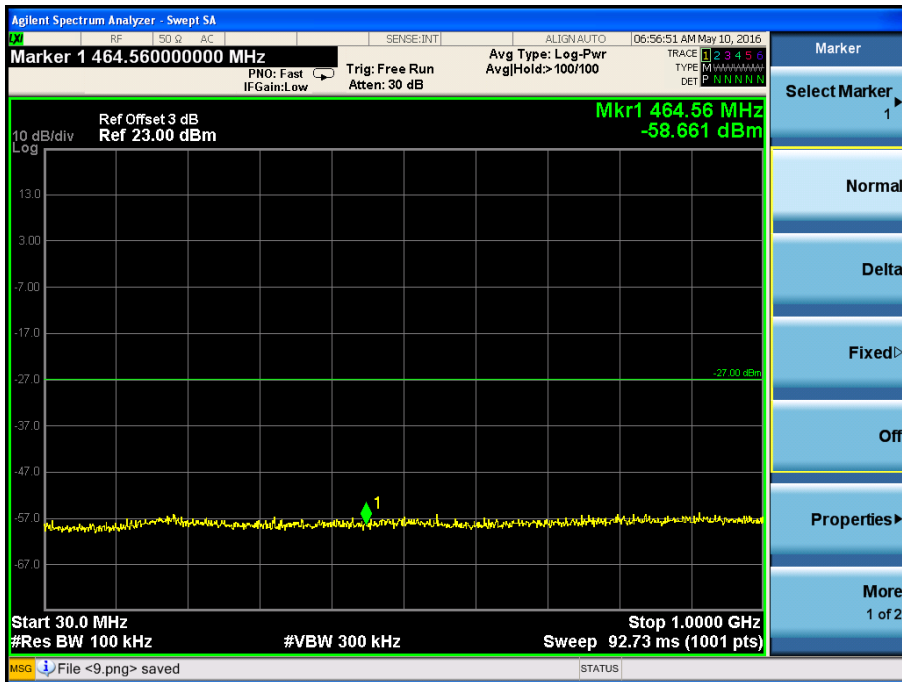
5580MHz



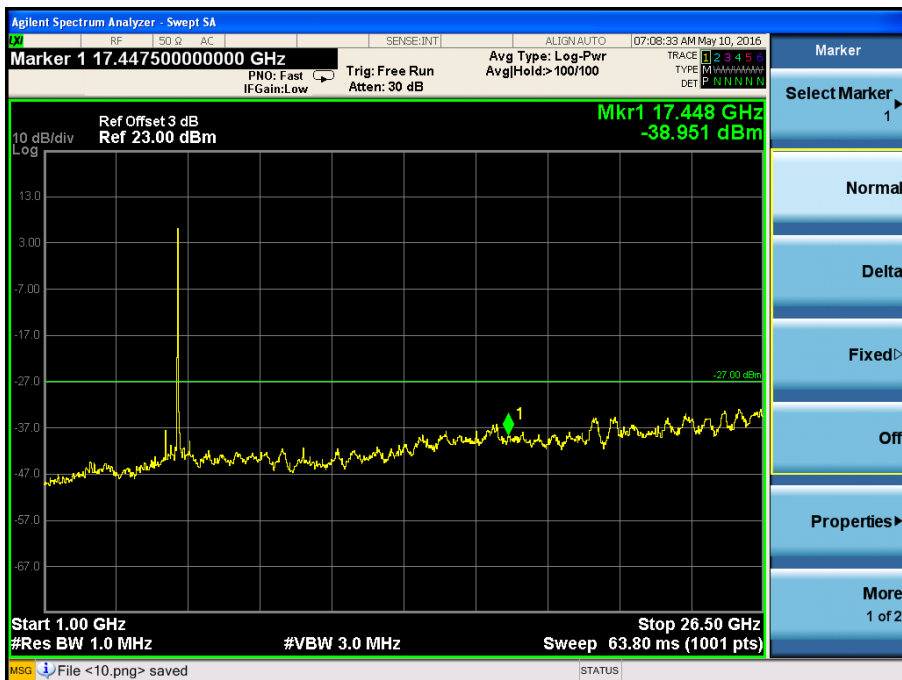
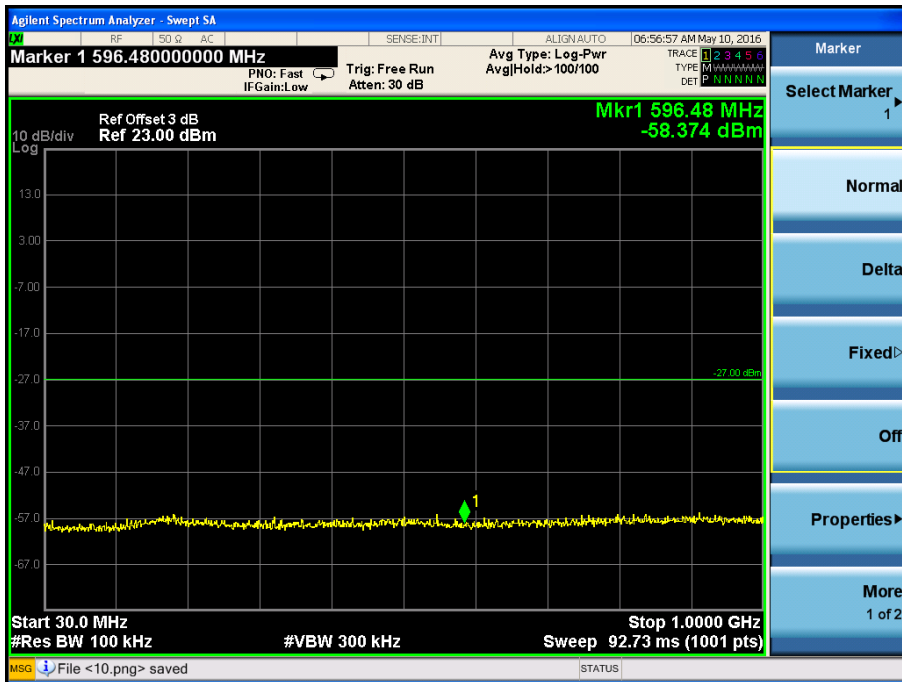
5700MHz



5745MHz

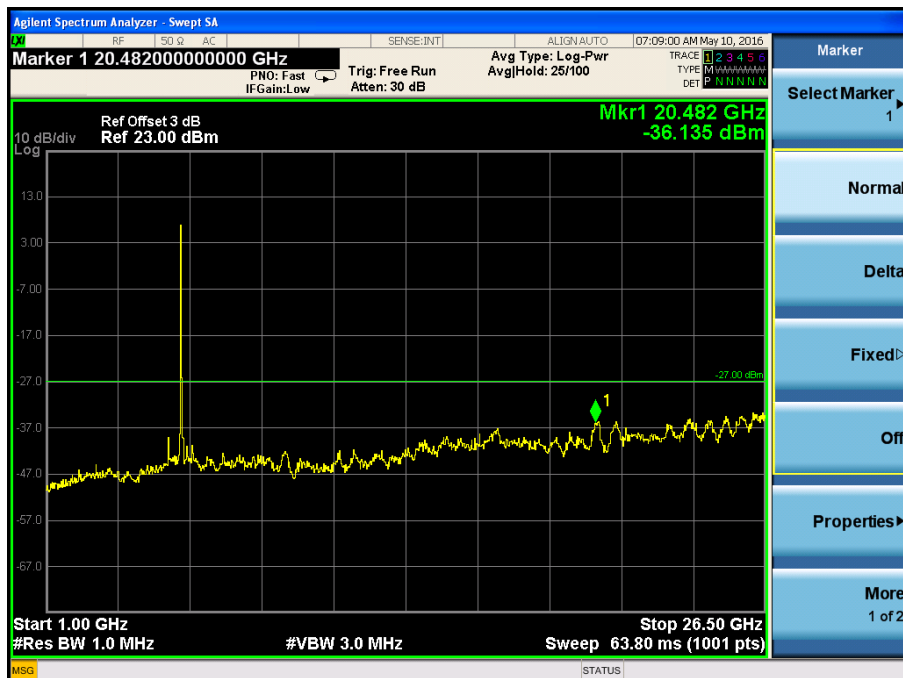
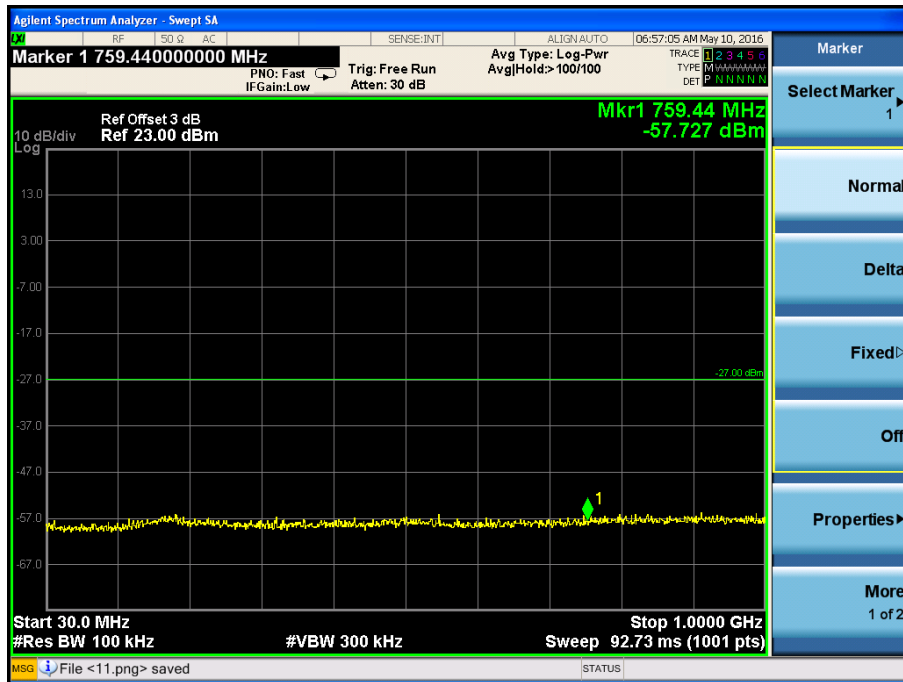


5785MHz

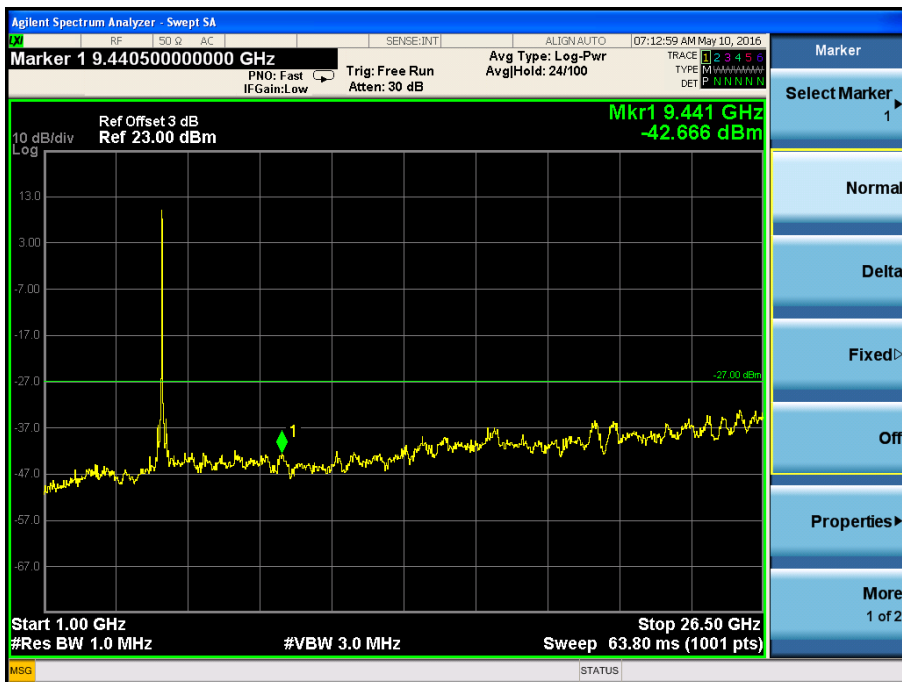
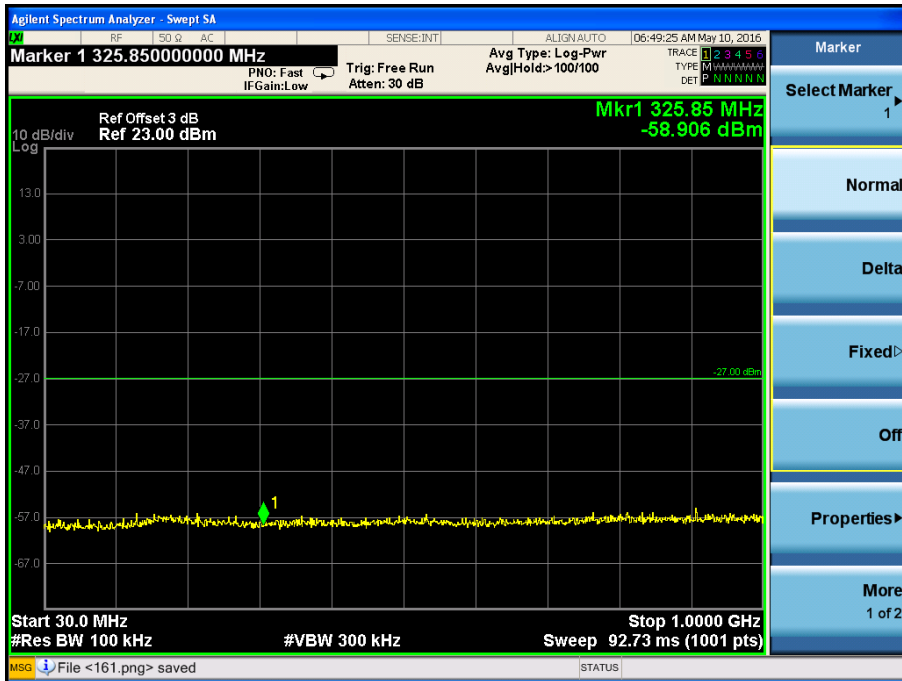




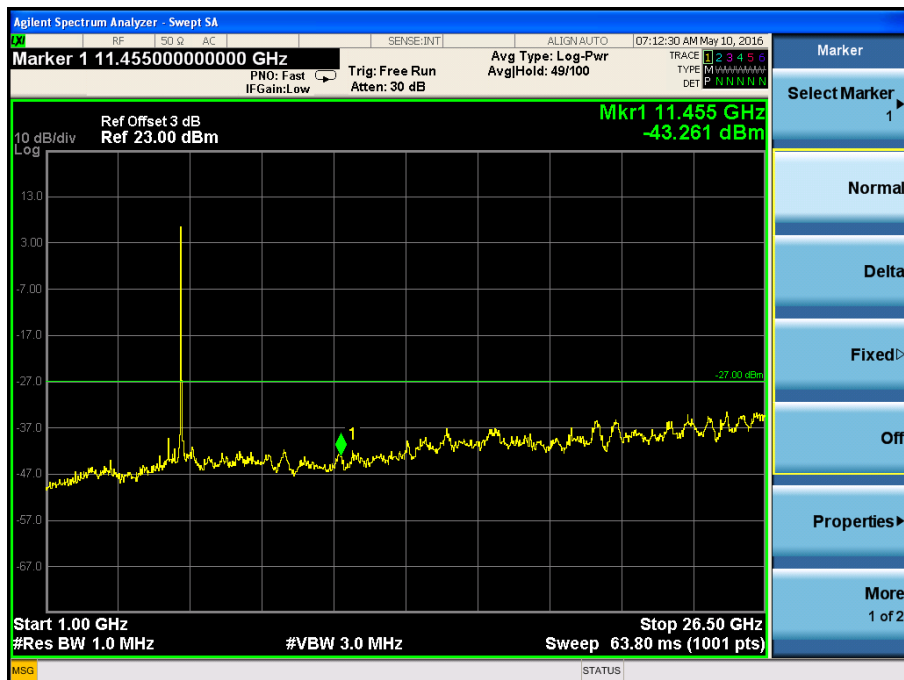
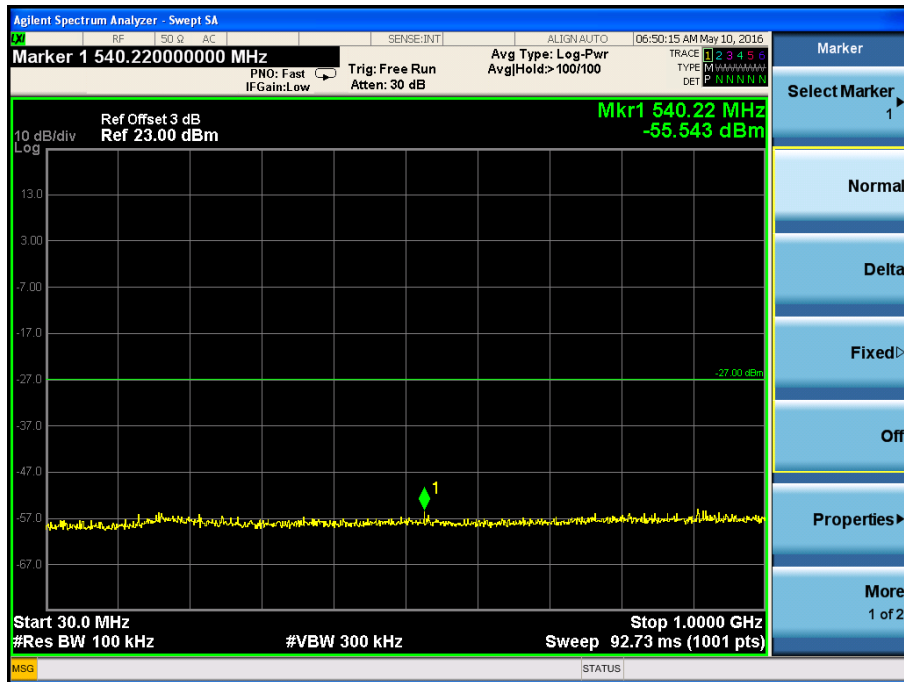
5825MHz



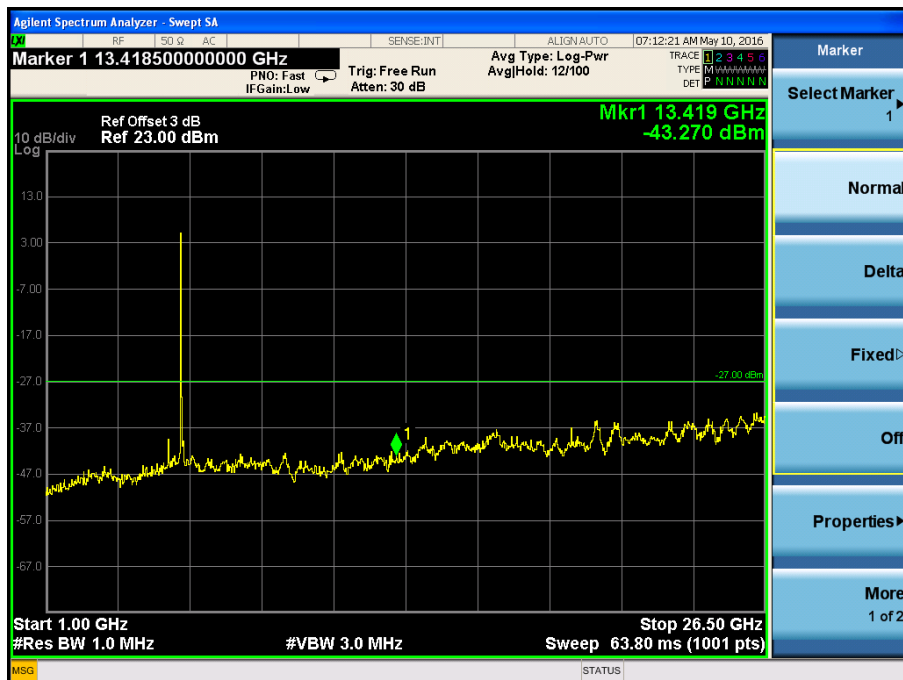
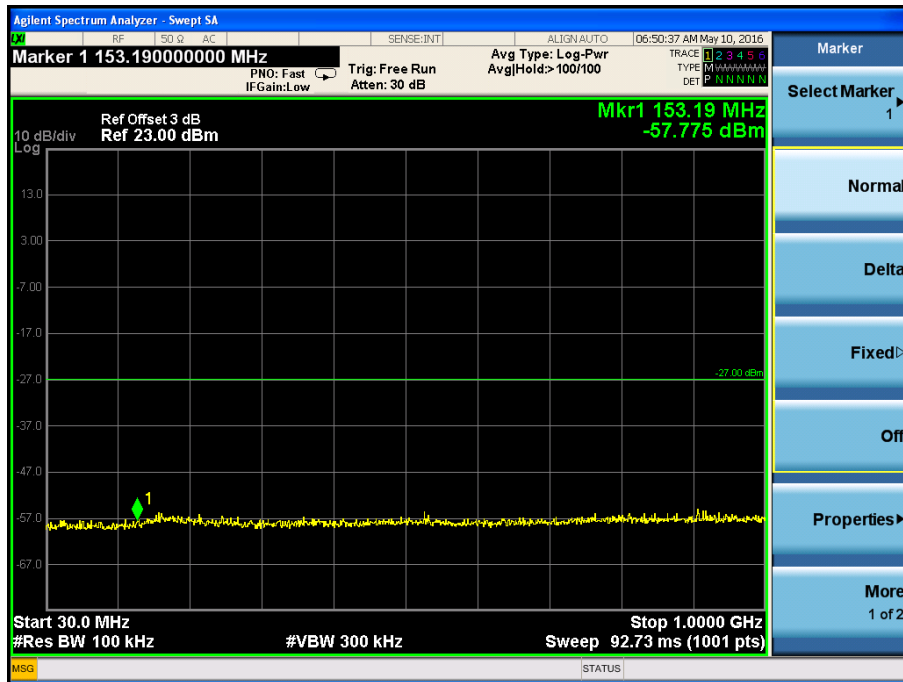
802.11n-HT40  
5190MHz



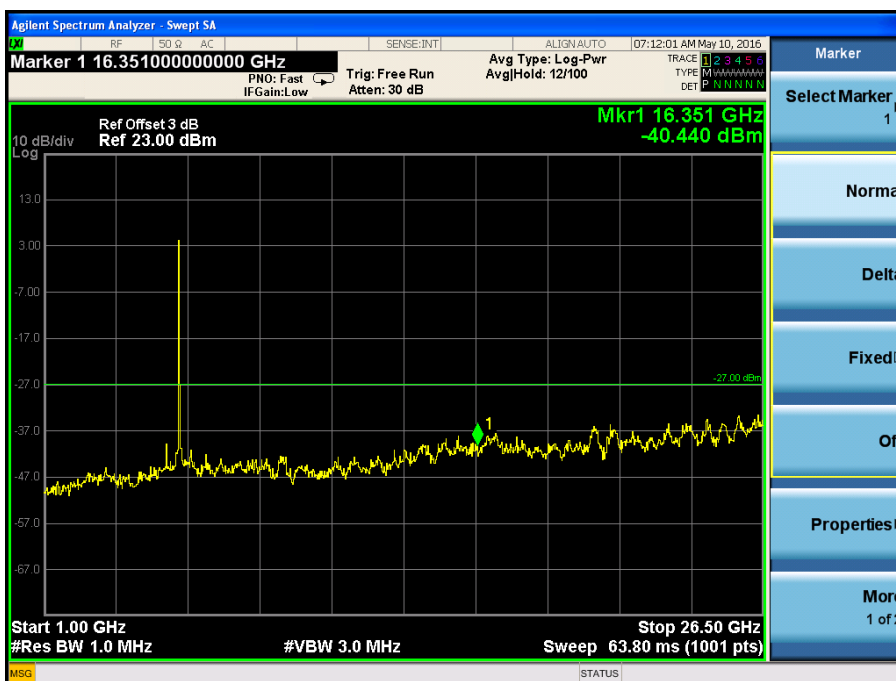
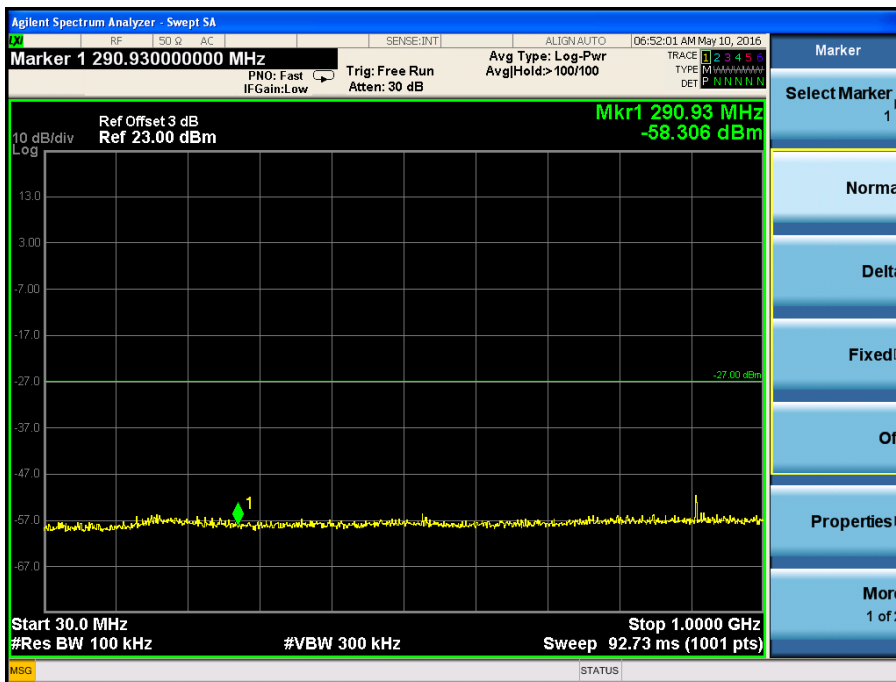
5230MHz



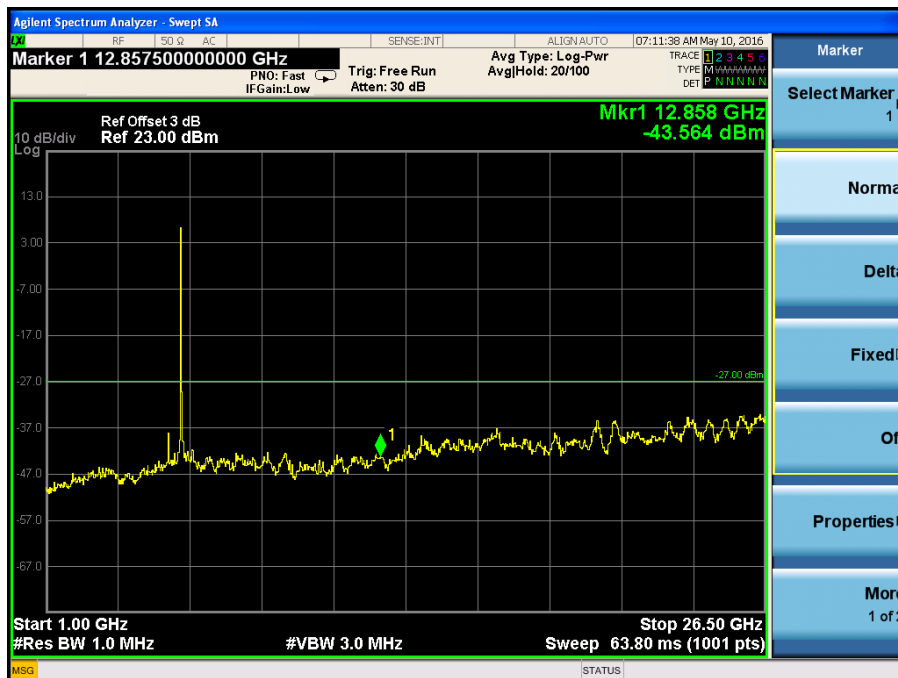
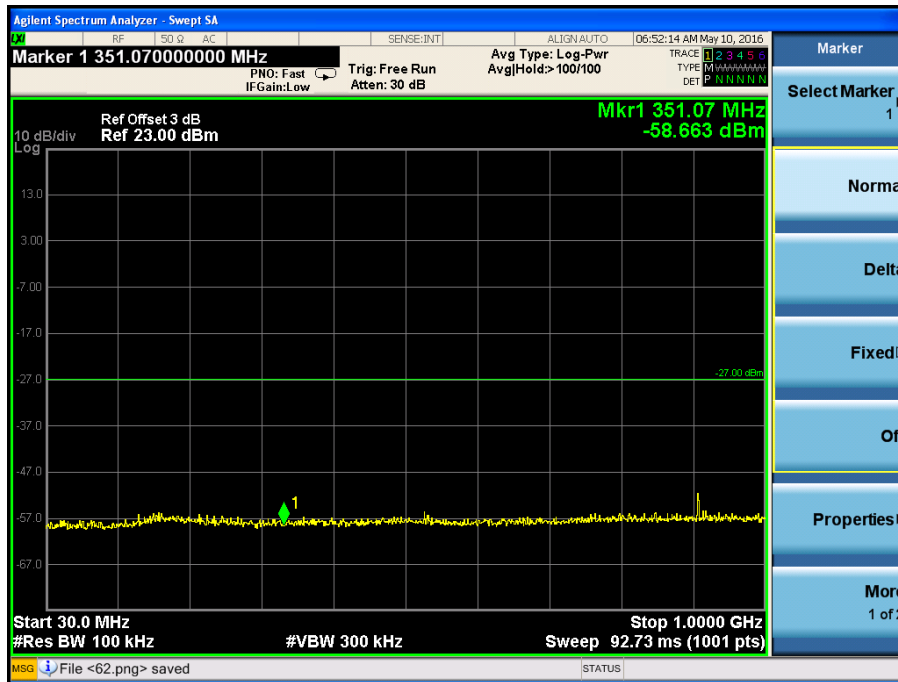
5270MHz



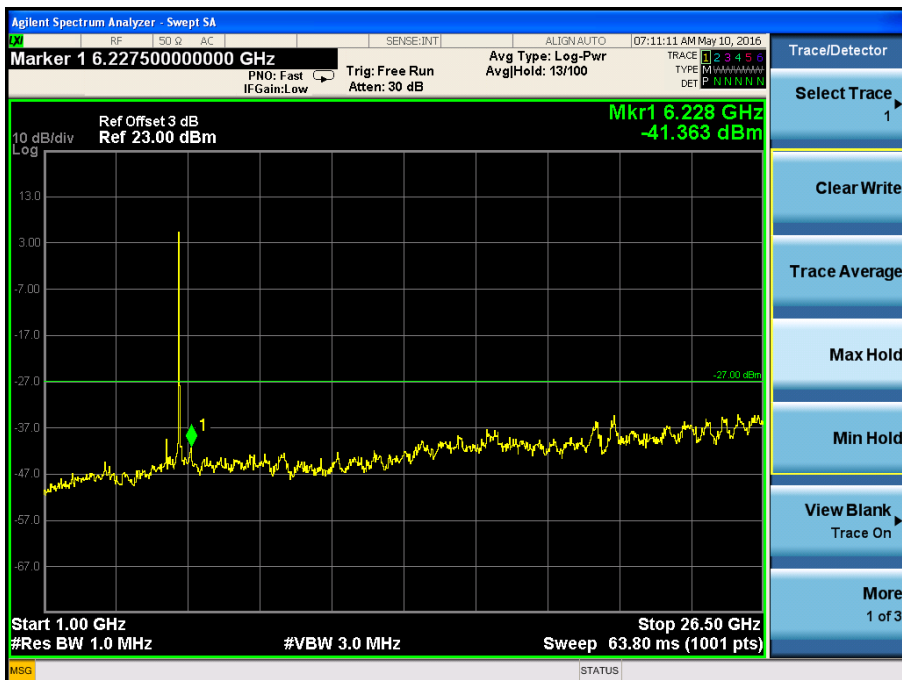
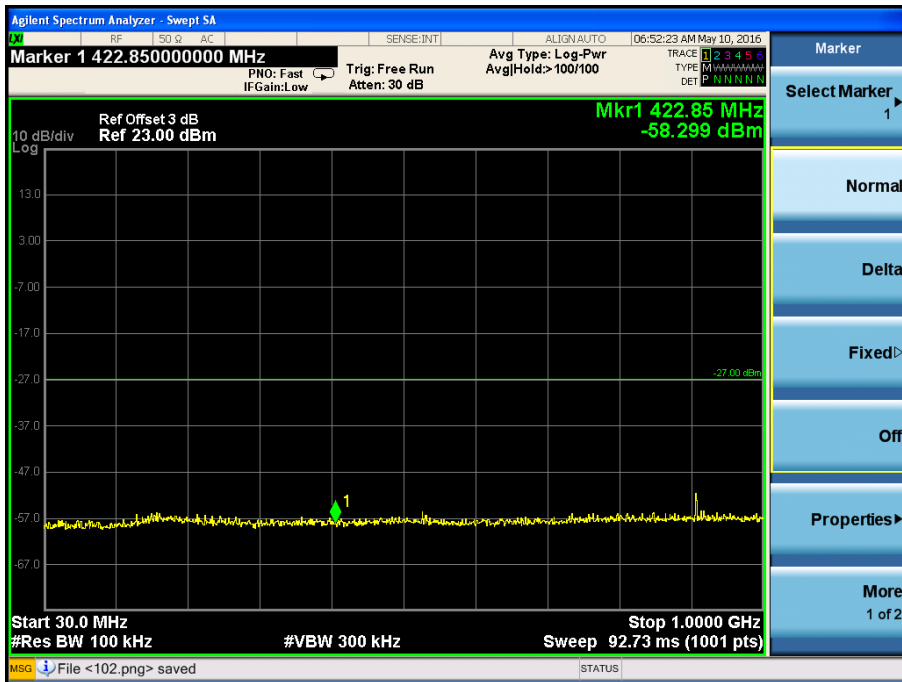
5310MHz



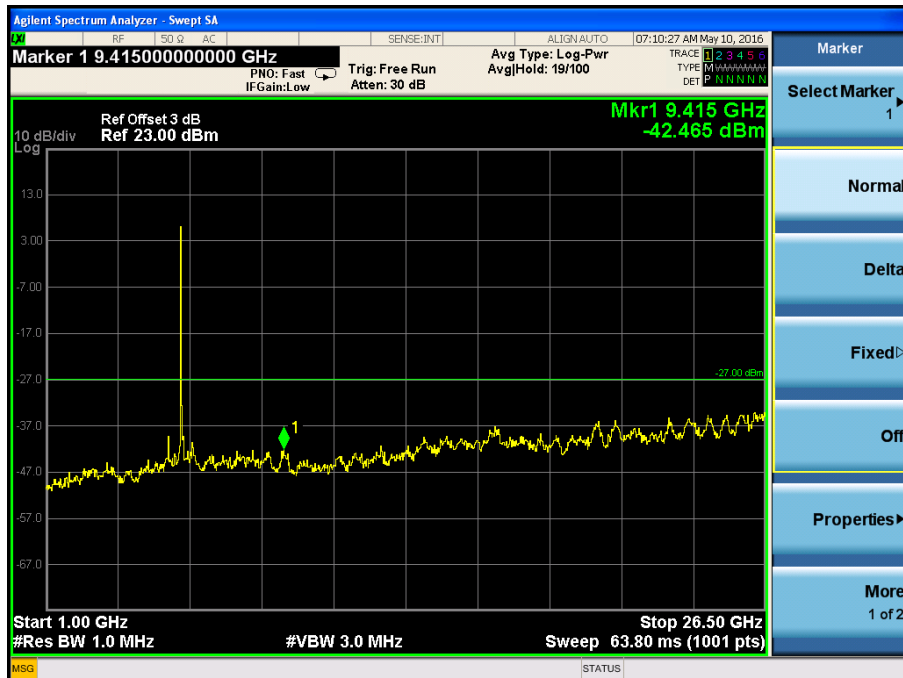
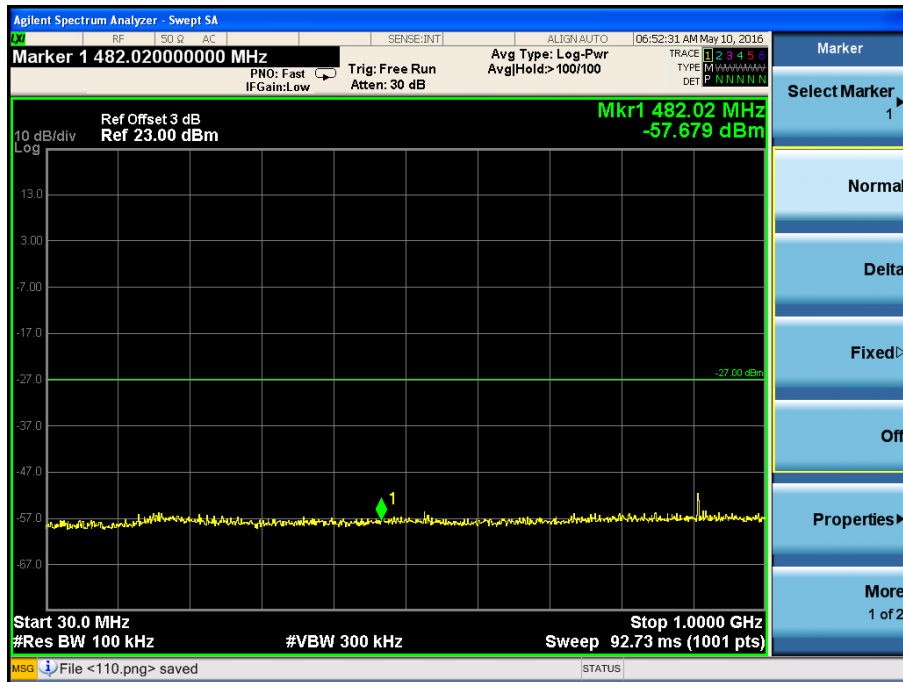
5510MHz



5550MHz

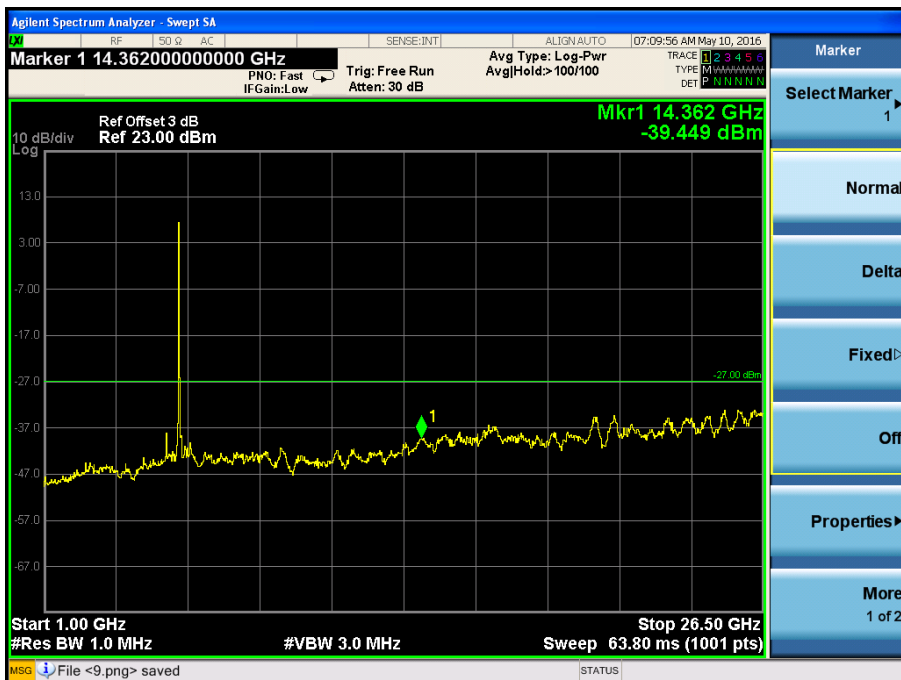
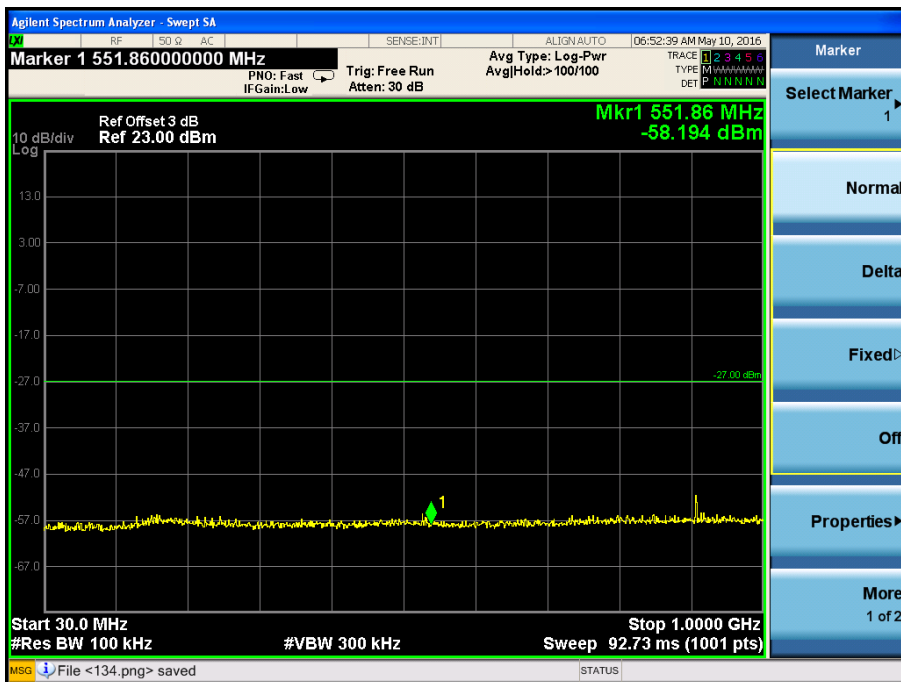


5670MHz

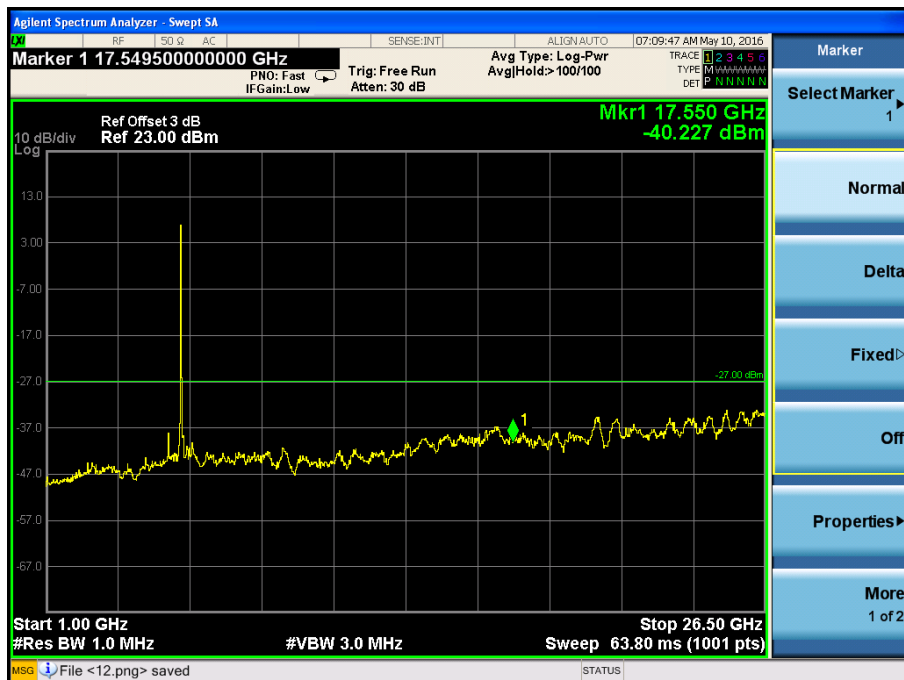
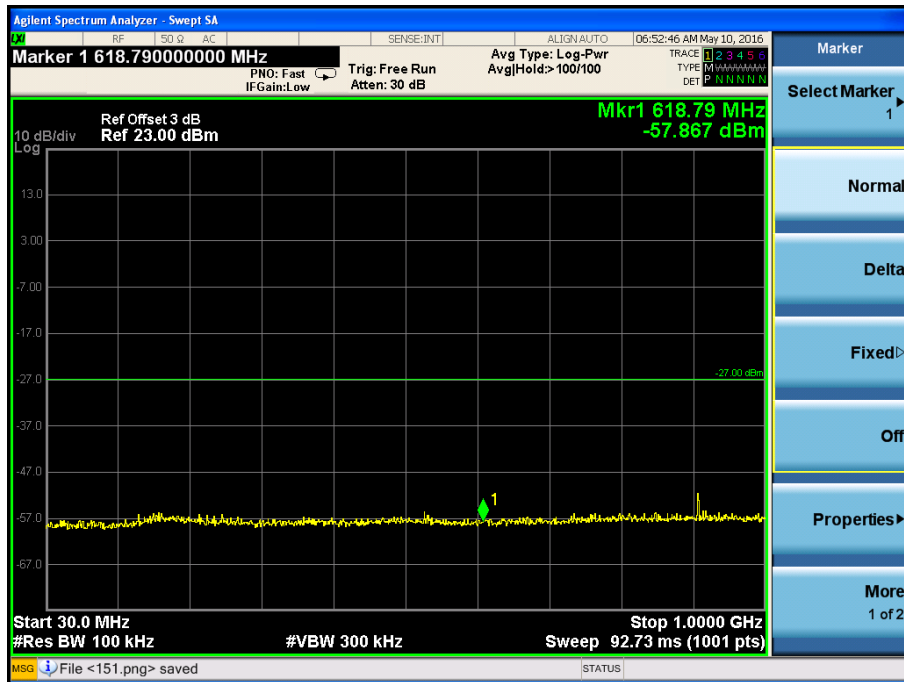




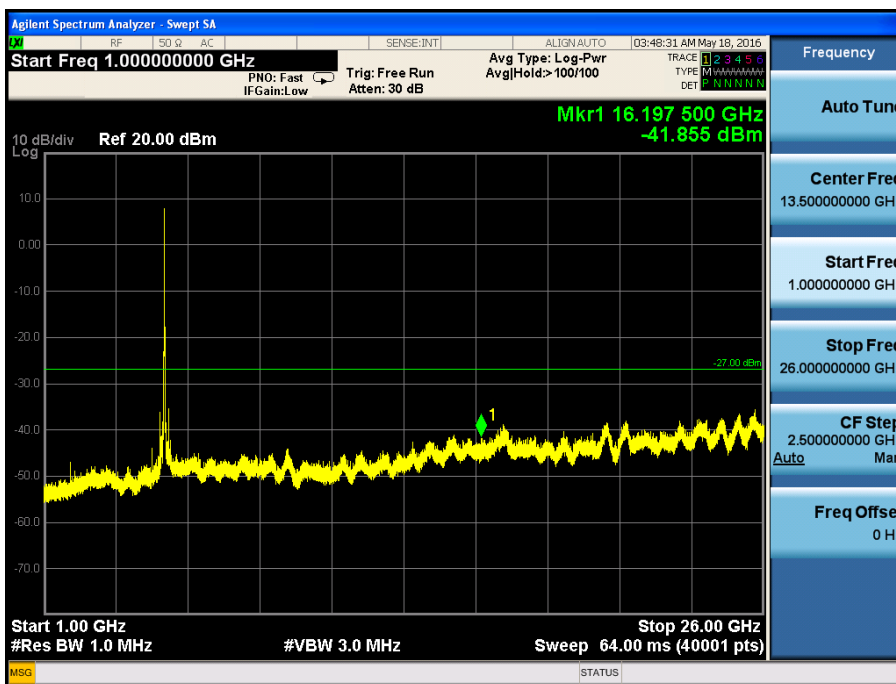
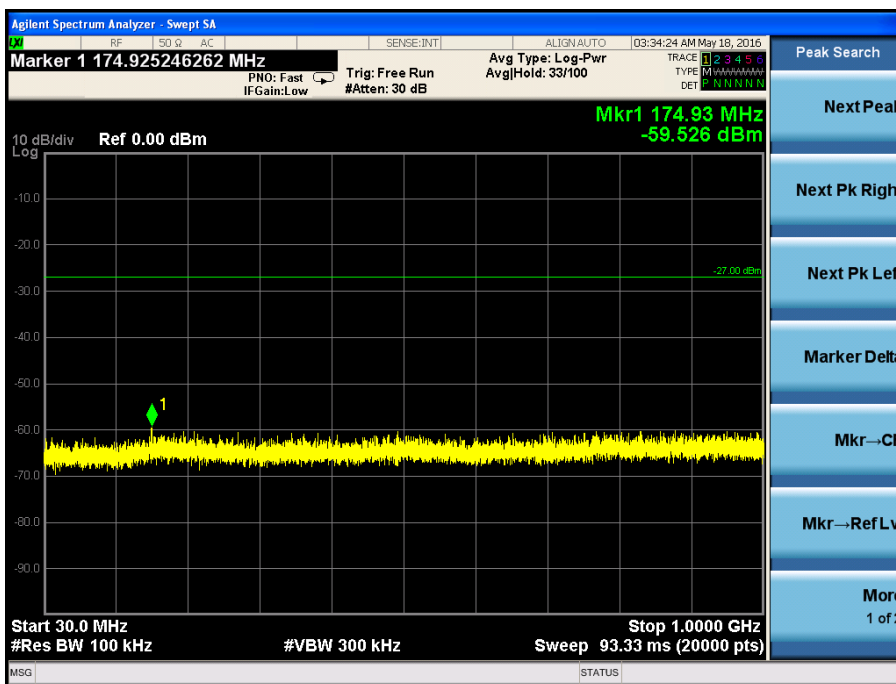
5755MHz



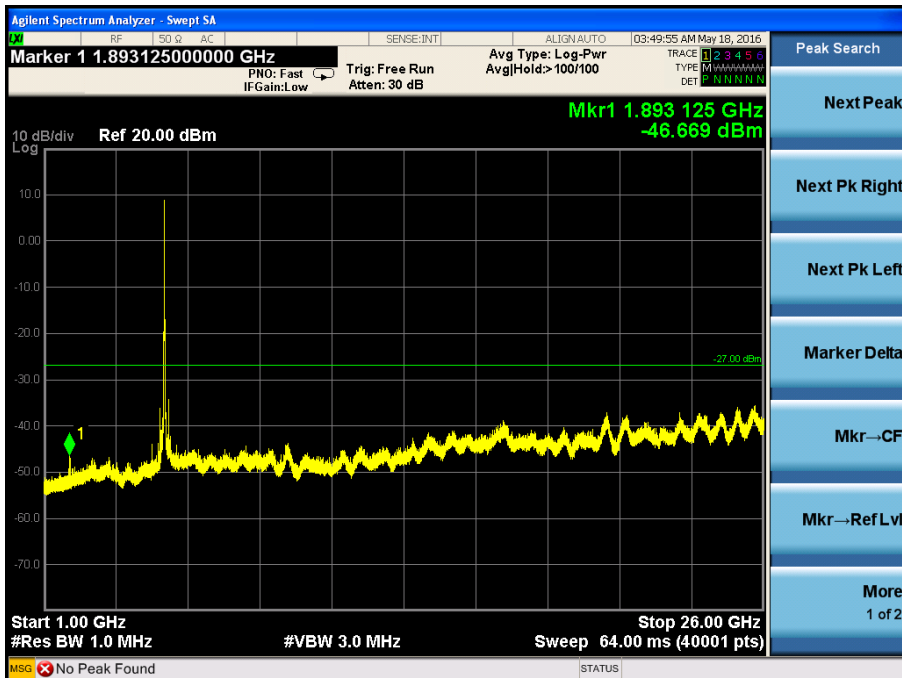
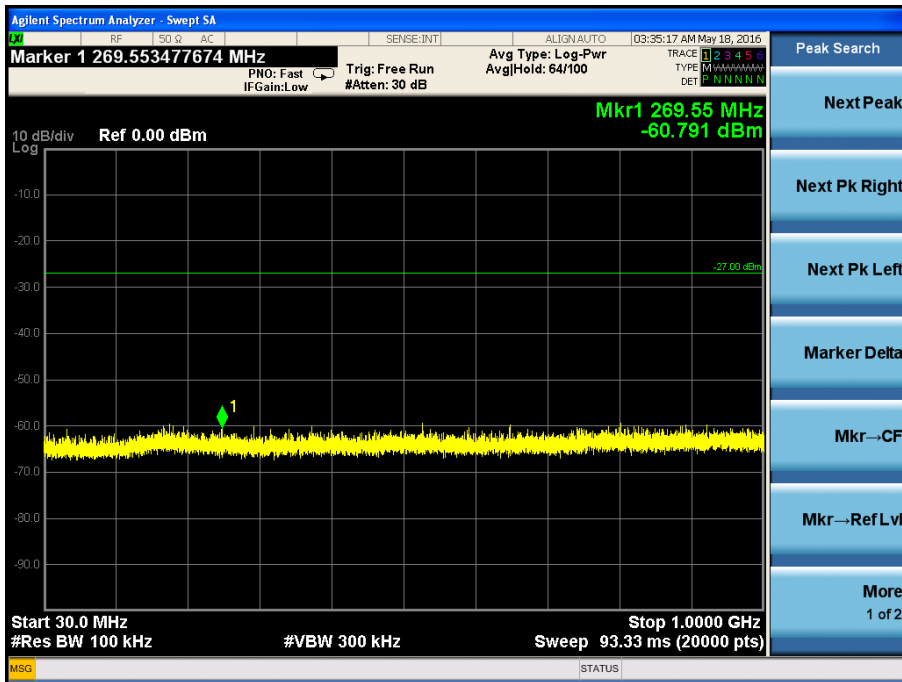
5795MHz



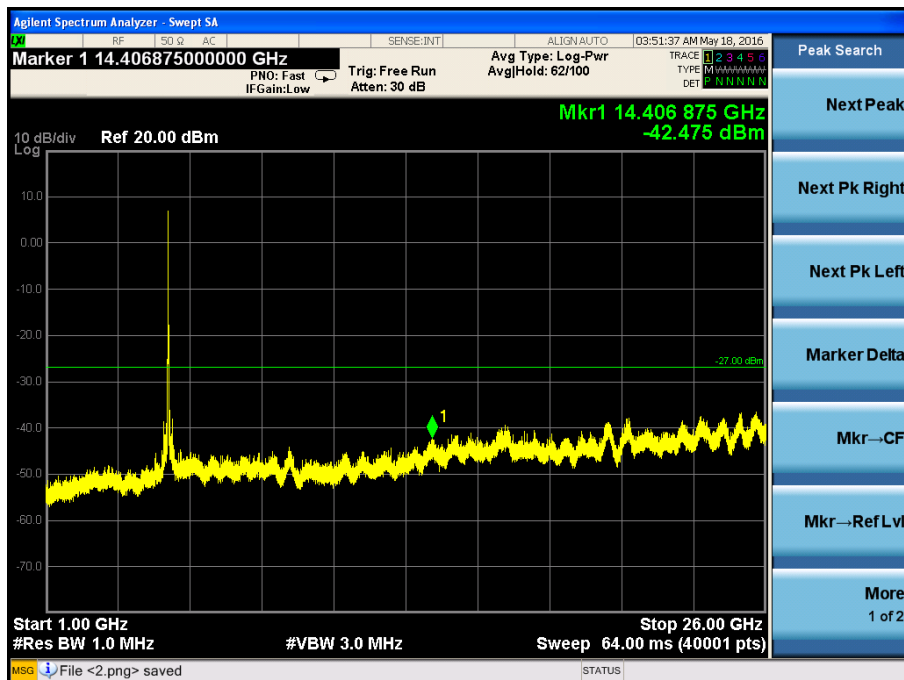
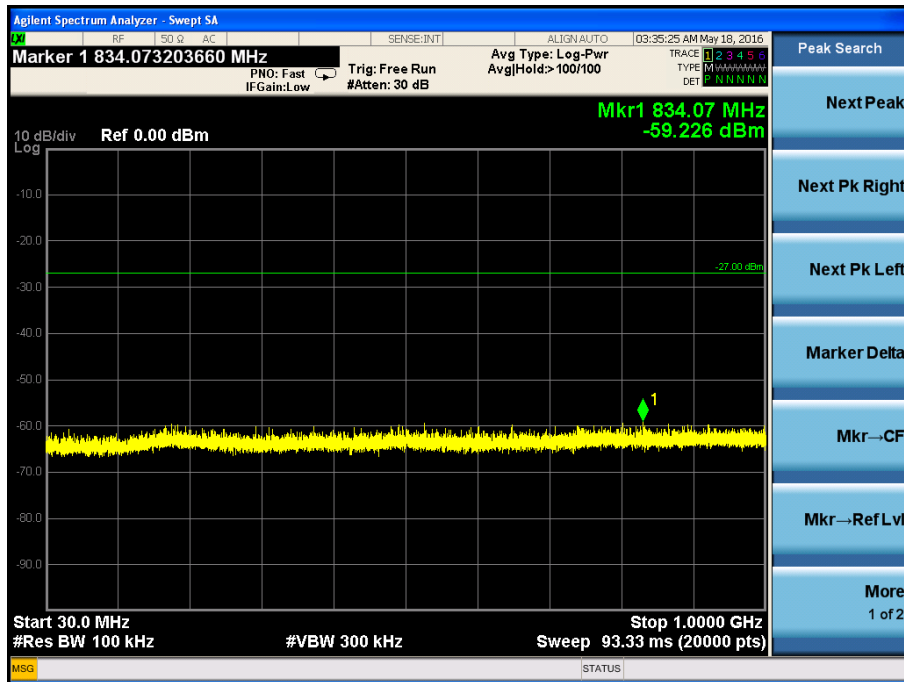
Antenna 2  
802.11a  
5180MHz



5200MHz



5240MHz



5260MHz

