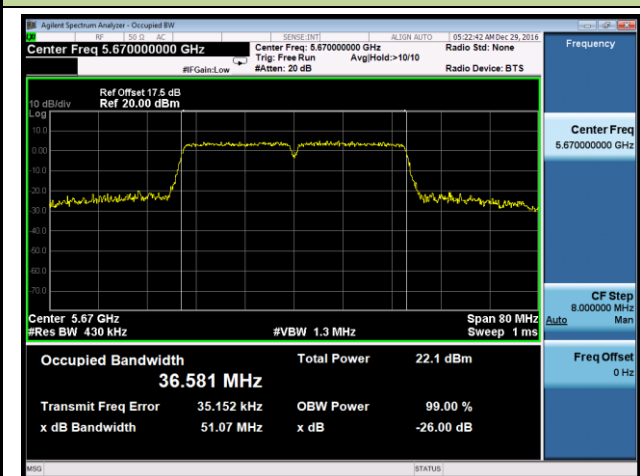
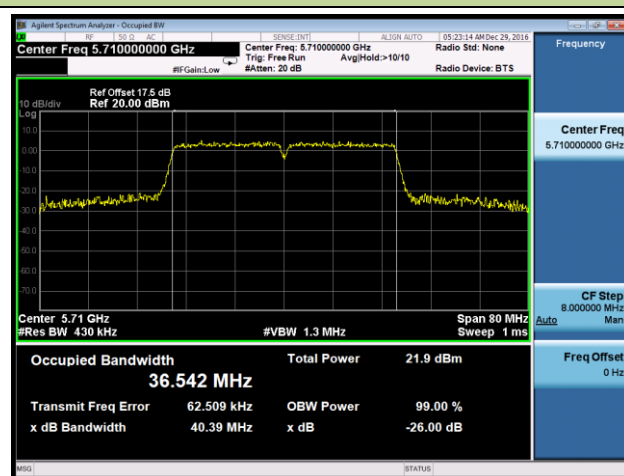


## 802.11ac-VHT40 26dB Bandwidth &amp; 99% Bandwidth - Ant 1

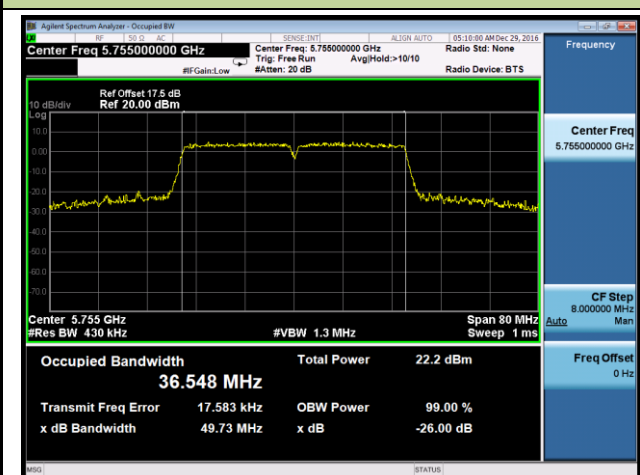
## Channel 134 (5670MHz)



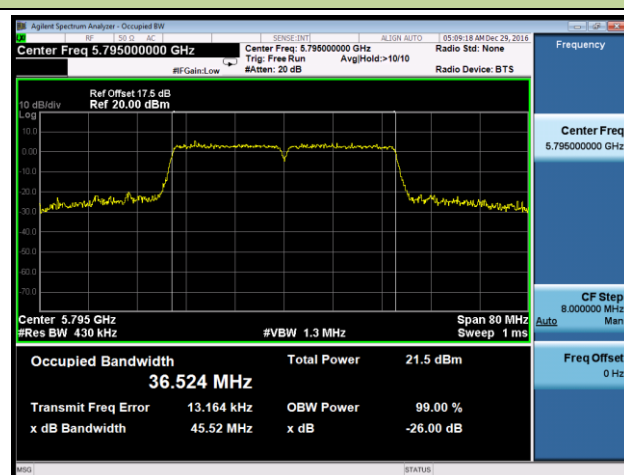
## Channel 142 (5710MHz)



## Channel 151 (5755MHz)

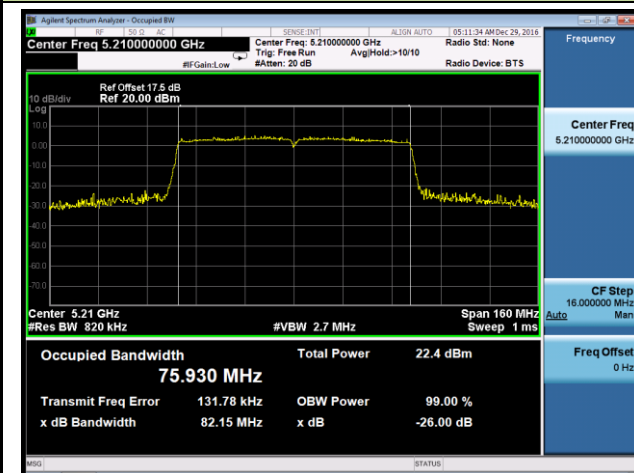


## Channel 159 (5795MHz)

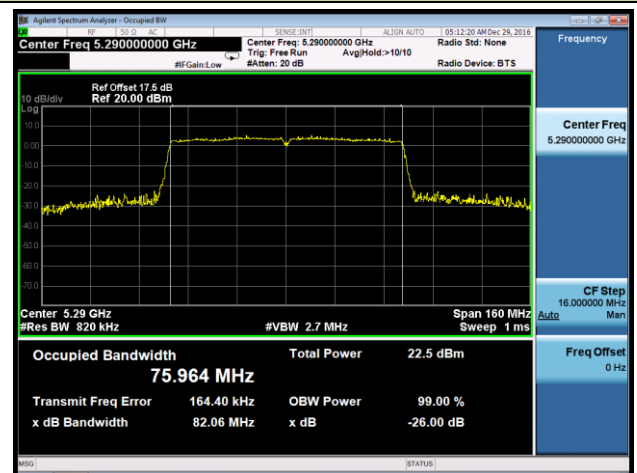


# 802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth - Ant 1

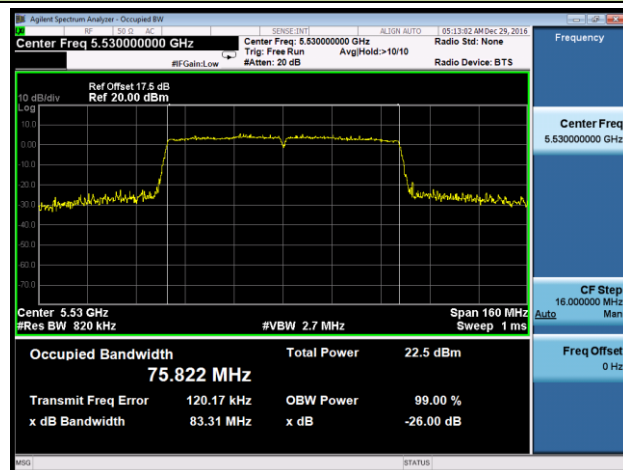
## Channel 42 (5210MHz)



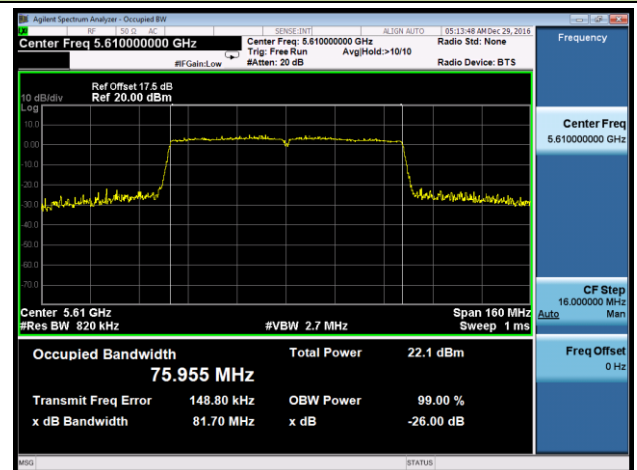
## Channel 58 (5290MHz)



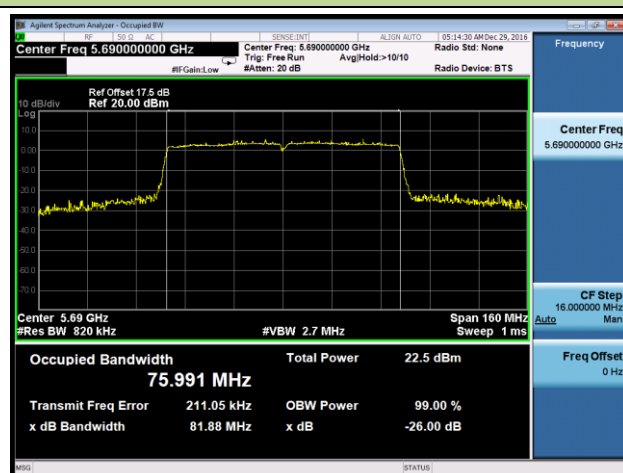
## Channel 106 (5530MHz)



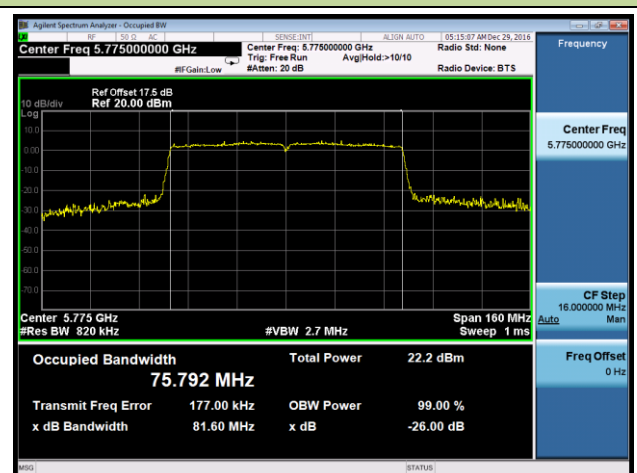
## Channel 122 (5610MHz)



## Channel 138 (5690MHz)



## Channel 155 (5755MHz)



### 7.3. Output Power Measurement

#### 7.3.1. Test Limit

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz.

If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

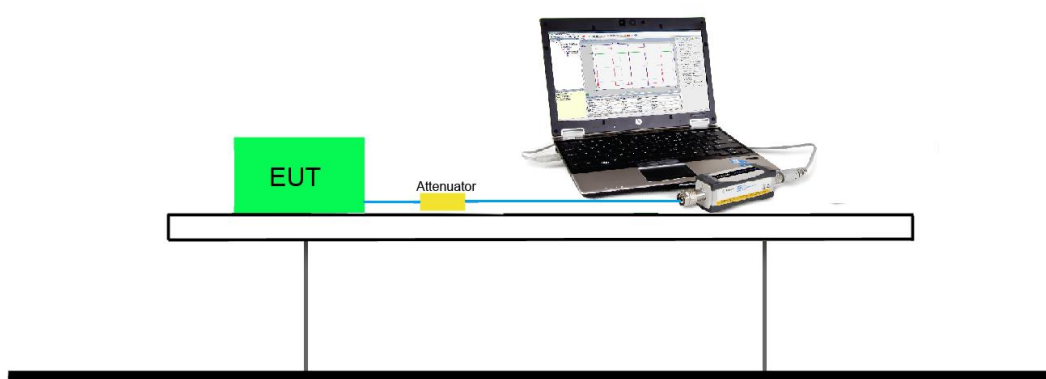
#### 7.3.2. Test Procedure Used

KDB 789033 D02v01r03 - Section E) 3) b) Method PM-G

#### 7.3.3. Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

#### 7.3.4. Test Setup



### 7.3.5. Test Result

Power output test was verified over all data rates of each mode shown as below table.

For 1TX \_ Ant 1 port:

| Test Mode | Bandwidth | Channel | Frequency (MHz) | Data Rate/ MCS | Average Power (dBm) |
|-----------|-----------|---------|-----------------|----------------|---------------------|
| 802.11a   | 20        | 100     | 5500            | 6Mbps          | 16.22               |
|           |           |         |                 | 24Mbps         | 16.06               |
|           |           |         |                 | 54Mbps         | 15.85               |
| 802.11n   | 20        | 100     | 5500            | MCS0           | 16.11               |
|           |           |         |                 | MCS4           | 15.92               |
|           |           |         |                 | MCS7           | 15.68               |
| 802.11n   | 40        | 102     | 5510            | MCS0           | 13.83               |
|           |           |         |                 | MCS4           | 13.64               |
|           |           |         |                 | MCS7           | 13.40               |
| 802.11ac  | 20        | 100     | 5500            | MCS0           | 16.33               |
|           |           |         |                 | MCS4           | 16.01               |
|           |           |         |                 | MCS8           | 15.79               |
| 802.11ac  | 40        | 102     | 5510            | MCS0           | 13.65               |
|           |           |         |                 | MCS4           | 13.48               |
|           |           |         |                 | MCS9           | 13.24               |
| 802.11ac  | 80        | 106     | 5530            | MCS0           | 13.74               |
|           |           |         |                 | MCS4           | 13.57               |
|           |           |         |                 | MCS9           | 13.39               |

|               |              |                   |            |
|---------------|--------------|-------------------|------------|
| Product       | ACCESS POINT | Temperature       | 22°C       |
| Test Engineer | Kevin Ker    | Relative Humidity | 50%        |
| Test Site     | SR1          | Test Date         | 2016/12/28 |

### 1TX \_ Ant 1

| Test Mode      | Data Rate / MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | Average Power Limit (dBm) | Result |
|----------------|-----------------|-------------|-------------|---------------------|---------------------------|--------|
| 802.11a        | 6Mbps           | 52          | 5260        | 16.72               | ≤ 23.68                   | Pass   |
| 802.11a        | 6Mbps           | 60          | 5300        | 16.76               | ≤ 23.68                   | Pass   |
| 802.11a        | 6Mbps           | 64          | 5320        | 16.75               | ≤ 23.68                   | Pass   |
| 802.11a        | 6Mbps           | 100         | 5500        | 16.22               | ≤ 23.68                   | Pass   |
| 802.11a        | 6Mbps           | 120         | 5600        | 16.41               | ≤ 23.68                   | Pass   |
| 802.11a        | 6Mbps           | 140         | 5700        | 16.35               | ≤ 23.68                   | Pass   |
| 802.11a        | 6Mbps           | 144         | 5720        | 16.23               | ≤ 23.68                   | Pass   |
| 802.11n-HT20   | MCS0            | 52          | 5260        | 16.56               | ≤ 23.68                   | Pass   |
| 802.11n-HT20   | MCS0            | 60          | 5300        | 16.75               | ≤ 23.68                   | Pass   |
| 802.11n-HT20   | MCS0            | 64          | 5320        | 16.53               | ≤ 23.68                   | Pass   |
| 802.11n-HT20   | MCS0            | 100         | 5500        | 16.11               | ≤ 23.68                   | Pass   |
| 802.11n-HT20   | MCS0            | 120         | 5600        | 16.14               | ≤ 23.68                   | Pass   |
| 802.11n-HT20   | MCS0            | 140         | 5700        | 16.13               | ≤ 23.68                   | Pass   |
| 802.11n-HT20   | MCS0            | 144         | 5720        | 16.15               | ≤ 23.68                   | Pass   |
| 802.11n-HT40   | MCS0            | 54          | 5270        | 16.86               | ≤ 23.68                   | Pass   |
| 802.11n-HT40   | MCS0            | 62          | 5310        | 15.91               | ≤ 23.68                   | Pass   |
| 802.11n-HT40   | MCS0            | 102         | 5510        | 13.83               | ≤ 23.68                   | Pass   |
| 802.11n-HT40   | MCS0            | 118         | 5590        | 16.47               | ≤ 23.68                   | Pass   |
| 802.11n-HT40   | MCS0            | 134         | 5670        | 16.46               | ≤ 23.68                   | Pass   |
| 802.11n-HT40   | MCS0            | 142         | 5710        | 16.31               | ≤ 23.68                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 52          | 5260        | 16.76               | ≤ 23.68                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 60          | 5300        | 16.77               | ≤ 23.68                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 64          | 5320        | 16.78               | ≤ 23.68                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 100         | 5500        | 16.33               | ≤ 23.68                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 120         | 5600        | 16.36               | ≤ 23.68                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 140         | 5700        | 16.26               | ≤ 23.68                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 144         | 5720        | 16.23               | ≤ 23.68                   | Pass   |

Note: Power Limit (dBm) = 23.98 dBm - (6.3dBi - 6 dBi) = 23.68 dBm.

| Test Mode      | Data Rate / MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | Average Power Limit (dBm) | Result |
|----------------|-----------------|-------------|-------------|---------------------|---------------------------|--------|
| 802.11ac-VHT40 | MCS0            | 54          | 5270        | 16.66               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT40 | MCS0            | 62          | 5310        | 15.67               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT40 | MCS0            | 102         | 5510        | 13.65               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT40 | MCS0            | 118         | 5590        | 16.52               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT40 | MCS0            | 134         | 5670        | 16.55               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT40 | MCS0            | 142         | 5710        | 16.41               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT80 | MCS0            | 58          | 5290        | 15.31               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT80 | MCS0            | 106         | 5530        | 13.74               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT80 | MCS0            | 122         | 5610        | 16.11               | $\leq 23.68$              | Pass   |
| 802.11ac-VHT80 | MCS0            | 138         | 5690        | 16.03               | $\leq 23.68$              | Pass   |

Note: Power Limit (dBm) = 23.98 dBm - (6.3dBi - 6 dBi) = 23.68 dBm.

### CDD Mode

#### 2TX \_ Ant 1 + 2

| Test Mode      | Data Rate / MCS | Channel No. | Freq. (MHz) | Ant 1 Average Power (dBm) | Ant 2 Average Power (dBm) | Total Average Power (dBm) | Average Power Limit (dBm) | Result |
|----------------|-----------------|-------------|-------------|---------------------------|---------------------------|---------------------------|---------------------------|--------|
| 802.11a        | 6Mbps           | 52          | 5260        | 16.78                     | 16.71                     | 19.76                     | ≤ 23.98                   | Pass   |
| 802.11a        | 6Mbps           | 60          | 5300        | 16.88                     | 16.67                     | 19.79                     | ≤ 23.98                   | Pass   |
| 802.11a        | 6Mbps           | 64          | 5320        | 16.78                     | 16.61                     | 19.71                     | ≤ 23.98                   | Pass   |
| 802.11a        | 6Mbps           | 100         | 5500        | 16.15                     | 16.28                     | 19.23                     | ≤ 23.98                   | Pass   |
| 802.11a        | 6Mbps           | 120         | 5600        | 16.41                     | 16.35                     | 19.39                     | ≤ 23.98                   | Pass   |
| 802.11a        | 6Mbps           | 140         | 5700        | 14.28                     | 13.57                     | 16.95                     | ≤ 23.98                   | Pass   |
| 802.11a        | 6Mbps           | 144         | 5720        | 16.51                     | 16.64                     | 19.59                     | ≤ 23.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 52          | 5260        | 16.92                     | 16.71                     | 19.83                     | ≤ 23.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 60          | 5300        | 16.72                     | 16.58                     | 19.66                     | ≤ 23.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 64          | 5320        | 16.81                     | 16.46                     | 19.65                     | ≤ 23.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 100         | 5500        | 15.01                     | 14.64                     | 17.84                     | ≤ 23.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 120         | 5600        | 16.42                     | 16.21                     | 19.33                     | ≤ 23.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 140         | 5700        | 14.84                     | 14.15                     | 17.52                     | ≤ 23.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 144         | 5720        | 16.41                     | 16.48                     | 19.46                     | ≤ 23.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 54          | 5270        | 16.86                     | 16.61                     | 19.75                     | ≤ 23.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 62          | 5310        | 15.08                     | 14.51                     | 17.81                     | ≤ 23.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 102         | 5510        | 12.77                     | 12.24                     | 15.52                     | ≤ 23.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 118         | 5590        | 17.22                     | 16.47                     | 19.87                     | ≤ 23.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 134         | 5670        | 16.98                     | 16.11                     | 19.58                     | ≤ 23.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 141         | 5710        | 16.78                     | 16.03                     | 19.43                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 52          | 5260        | 16.74                     | 16.62                     | 19.69                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 60          | 5300        | 16.73                     | 16.63                     | 19.69                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 64          | 5320        | 16.83                     | 16.58                     | 19.72                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 100         | 5500        | 14.99                     | 14.81                     | 17.91                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 120         | 5600        | 16.54                     | 16.24                     | 19.40                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 140         | 5700        | 14.35                     | 13.62                     | 17.01                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 144         | 5720        | 16.40                     | 16.48                     | 19.45                     | ≤ 23.98                   | Pass   |

Note: Total Average Power (dBm) =  $10 \cdot \log\{10^{(\text{Ant 1 Average Power}/10)} + 10^{(\text{Ant 2 Average Power}/10)}\}$  (dBm).

| Test Mode      | Data Rate / MCS | Channel No. | Freq. (MHz) | Ant 1 Average Power (dBm) | Ant 2 Average Power (dBm) | Total Average Power (dBm) | Average Power Limit (dBm) | Result |
|----------------|-----------------|-------------|-------------|---------------------------|---------------------------|---------------------------|---------------------------|--------|
| 802.11ac-VHT40 | MCS0            | 54          | 5270        | 16.58                     | 16.26                     | 19.43                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 62          | 5310        | 14.27                     | 13.54                     | 16.93                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 102         | 5510        | 12.07                     | 11.55                     | 14.83                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 118         | 5590        | 16.26                     | 16.72                     | 19.51                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 134         | 5670        | 14.51                     | 14.07                     | 17.31                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 142         | 5710        | 16.75                     | 17.17                     | 19.98                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT80 | MCS0            | 58          | 5290        | 13.28                     | 12.76                     | 16.04                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT80 | MCS0            | 106         | 5530        | 12.48                     | 11.02                     | 14.82                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT80 | MCS0            | 122         | 5610        | 16.53                     | 16.36                     | 19.46                     | ≤ 23.98                   | Pass   |
| 802.11ac-VHT80 | MCS0            | 138         | 5690        | 16.09                     | 16.75                     | 19.44                     | ≤ 23.98                   | Pass   |

Note: Total Average Power (dBm) =  $10 \cdot \log\{10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)}\}$  (dBm).

### Beam-Forming Mode

#### 2TX \_ Ant 1 + 2

| Test Mode      | Data Rate / MCS | Channel No. | Freq. (MHz) | Ant 1 Average Power (dBm) | Ant 2 Average Power (dBm) | Total Average Power (dBm) | Average Power Limit (dBm) | Result |
|----------------|-----------------|-------------|-------------|---------------------------|---------------------------|---------------------------|---------------------------|--------|
| 802.11n-HT20   | MCS0            | 52          | 5260        | 16.17                     | 16.30                     | 19.25                     | ≤ 22.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 60          | 5300        | 15.93                     | 16.58                     | 19.28                     | ≤ 22.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 64          | 5320        | 16.38                     | 16.21                     | 19.31                     | ≤ 22.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 100         | 5500        | 14.38                     | 13.98                     | 17.19                     | ≤ 22.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 120         | 5600        | 16.15                     | 15.36                     | 18.78                     | ≤ 22.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 140         | 5700        | 13.01                     | 12.32                     | 15.69                     | ≤ 22.98                   | Pass   |
| 802.11n-HT20   | MCS0            | 144         | 5720        | 15.52                     | 15.74                     | 18.64                     | ≤ 22.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 54          | 5270        | 16.12                     | 16.31                     | 19.23                     | ≤ 22.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 62          | 5310        | 12.60                     | 12.74                     | 15.68                     | ≤ 22.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 102         | 5510        | 13.75                     | 13.51                     | 16.64                     | ≤ 22.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 118         | 5590        | 16.91                     | 16.48                     | 19.71                     | ≤ 22.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 134         | 5670        | 16.91                     | 16.33                     | 19.64                     | ≤ 22.98                   | Pass   |
| 802.11n-HT40   | MCS0            | 142         | 5710        | 16.91                     | 16.01                     | 19.49                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 52          | 5260        | 16.08                     | 16.05                     | 19.08                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 60          | 5300        | 16.51                     | 16.27                     | 19.40                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 64          | 5320        | 15.82                     | 16.32                     | 19.09                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 100         | 5500        | 14.68                     | 14.61                     | 17.66                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 120         | 5600        | 16.49                     | 16.01                     | 19.27                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 140         | 5700        | 14.11                     | 14.21                     | 17.17                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT20 | MCS0            | 144         | 5720        | 16.54                     | 16.13                     | 19.35                     | ≤ 22.98                   | Pass   |

Note 1: Total Average Power (dBm) =  $10 \cdot \log\{10^{(\text{Ant 1 Average Power}/10)} + 10^{(\text{Ant 2 Average Power}/10)}\}$  (dBm).

Note 2: Power Limit (dBm) = 23.98 dBm - (7dBi - 6 dBi) = 22.98 dBm.

| Test Mode      | Data Rate / MCS | Channel No. | Freq. (MHz) | Ant 1 Average Power (dBm) | Ant 2 Average Power (dBm) | Total Average Power (dBm) | Average Power Limit (dBm) | Result |
|----------------|-----------------|-------------|-------------|---------------------------|---------------------------|---------------------------|---------------------------|--------|
| 802.11ac-VHT40 | MCS0            | 54          | 5270        | 16.95                     | 16.51                     | 19.75                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 62          | 5310        | 12.37                     | 12.76                     | 15.58                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 102         | 5510        | 12.23                     | 11.92                     | 15.09                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 118         | 5590        | 16.95                     | 16.66                     | 19.82                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 134         | 5670        | 16.67                     | 16.25                     | 19.48                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT40 | MCS0            | 142         | 5710        | 16.77                     | 16.13                     | 19.47                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT80 | MCS0            | 58          | 5290        | 13.44                     | 12.99                     | 16.23                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT80 | MCS0            | 106         | 5530        | 13.86                     | 13.45                     | 16.67                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT80 | MCS0            | 122         | 5610        | 16.51                     | 15.92                     | 19.24                     | ≤ 22.98                   | Pass   |
| 802.11ac-VHT80 | MCS0            | 138         | 5690        | 16.37                     | 15.77                     | 19.09                     | ≤ 22.98                   | Pass   |

Note 1: Total Average Power (dBm) =  $10 \cdot \log\{10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)}\}$  (dBm).

Note 2: Power Limit (dBm) = 23.98 dBm - (7dBi - 6 dBi) = 22.98 dBm.

## 7.4. Transmit Power Control

### 7.4.1. Test Limit

The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm.

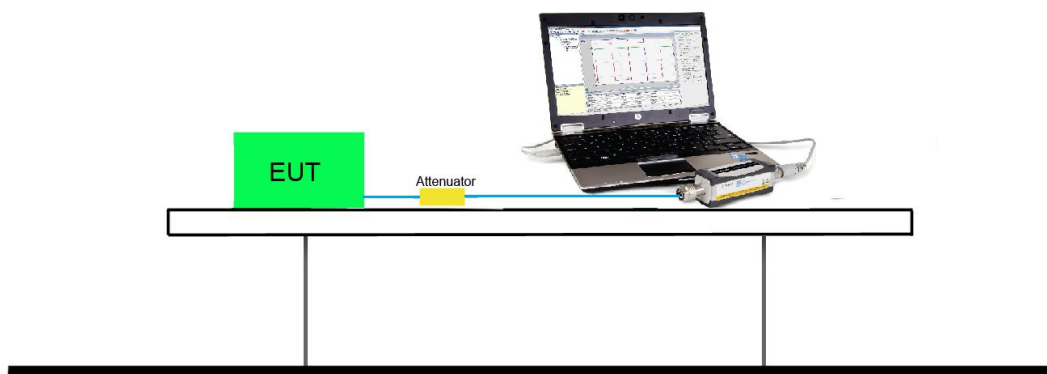
### 7.4.2. Test Procedure Used

KDB 789033 D02v01 - Section E) 3) b) Method PM-G

### 7.4.3. Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

### 7.4.4. Test Setup



### 7.4.5. Test Result

A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

## 7.5. Power Spectral Density Measurement

### 7.5.1. Test Limit

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

If transmitting antennas of directional gain greater than 6dBi are used, the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

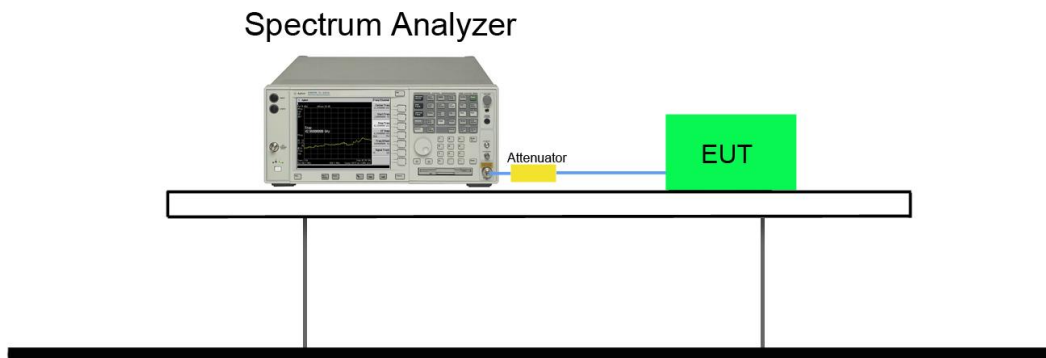
### 7.5.2. Test Procedure Used

KDB 789033 D02v01r03 - Section F

### 7.5.3. Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz, if measurement bandwidth of Maximum PSD is specified in 500 kHz,  
RBW = 100 kHz
4. VBW = 3MHz
5. Number of sweep points  $\geq 2 \times (\text{span} / \text{RBW})$
6. Detector = power averaging (Average)
7. Sweep time = auto
8. Trigger = free run
9. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
10. Add  $10 \cdot \log(1/x)$ , where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add  $10 \cdot \log(1/0.25) = 6$  dB if the duty cycle is 25 percent.
11. When the measurement bandwidth of Maximum PSD is specified in 500 kHz, add a constant factor  $10 \cdot \log(500\text{kHz}/100\text{kHz}) = 7$  dB to the measured result

#### 7.5.4. Test Setup



### 7.5.5. Test Result

|               |              |                   |            |
|---------------|--------------|-------------------|------------|
| Product       | ACCESS POINT | Temperature       | 22°C       |
| Test Engineer | Kevin Ker    | Relative Humidity | 50%        |
| Test Site     | SR1          | Test Date         | 2016/12/28 |

#### 1TX \_ Ant 1

| Test Mode | Data Rate (Mbps) | Channel No. | Freq. (MHz) | PSD (dBm/MHz) | Duty Cycle (%) | Total PSD (dBm/MHz) | PSD Limit (dBm/MHz) | Result |
|-----------|------------------|-------------|-------------|---------------|----------------|---------------------|---------------------|--------|
| 11a       | 6                | 52          | 5260        | 4.17          | 95.16          | 4.39                | ≤ 10.70             | Pass   |
| 11a       | 6                | 60          | 5300        | 4.56          | 95.16          | 4.78                | ≤ 10.70             | Pass   |
| 11a       | 6                | 64          | 5320        | 4.77          | 95.16          | 4.99                | ≤ 10.70             | Pass   |
| 11a       | 6                | 100         | 5500        | 5.48          | 95.16          | 5.70                | ≤ 10.70             | Pass   |
| 11a       | 6                | 120         | 5600        | 6.10          | 95.16          | 6.31                | ≤ 10.70             | Pass   |
| 11a       | 6                | 140         | 5700        | 5.81          | 95.16          | 6.03                | ≤ 10.70             | Pass   |
| 11a       | 6                | 144         | 5720        | 5.47          | 95.16          | 5.68                | ≤ 10.70             | Pass   |
| 11n-HT20  | 26               | 52          | 5260        | 5.62          | 95.05          | 5.84                | ≤ 10.70             | Pass   |
| 11n-HT20  | 26               | 60          | 5300        | 5.57          | 95.05          | 5.79                | ≤ 10.70             | Pass   |
| 11n-HT20  | 26               | 64          | 5320        | 5.50          | 95.05          | 5.72                | ≤ 10.70             | Pass   |
| 11n-HT20  | 26               | 100         | 5500        | 5.00          | 95.05          | 5.22                | ≤ 10.70             | Pass   |
| 11n-HT20  | 26               | 120         | 5600        | 5.39          | 95.05          | 5.61                | ≤ 10.70             | Pass   |
| 11n-HT20  | 26               | 140         | 5700        | 5.27          | 95.05          | 5.49                | ≤ 10.70             | Pass   |
| 11n-HT20  | 26               | 144         | 5720        | 5.25          | 95.05          | 5.47                | ≤ 10.70             | Pass   |
| 11n-HT40  | 54               | 54          | 5270        | 1.01          | 90.41          | 1.45                | ≤ 10.70             | Pass   |
| 11n-HT40  | 54               | 62          | 5310        | -0.16         | 90.41          | 0.28                | ≤ 10.70             | Pass   |
| 11n-HT40  | 54               | 102         | 5510        | -1.29         | 90.41          | -0.85               | ≤ 10.70             | Pass   |
| 11n-HT40  | 54               | 118         | 5590        | 2.87          | 90.41          | 3.31                | ≤ 10.70             | Pass   |
| 11n-HT40  | 54               | 134         | 5670        | 2.94          | 90.41          | 3.38                | ≤ 10.70             | Pass   |
| 11n-HT40  | 54               | 142         | 5710        | 2.66          | 90.41          | 3.09                | ≤ 10.70             | Pass   |

Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) = Ant 1 PSD (dBm/ MHz)

Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) = Ant 1 PSD (dBm/ MHz) + 10\*log(1/Duty Cycle).

Note 3: PSD Limit (dBm/ MHz) = 11 dBm/ MHz - (6.3dBi - 6dBi) = 10.7 dBm/ MHz.

| Test Mode  | Data Rate (Mbps) | Channel No. | Freq. (MHz) | PSD (dBm/ MHz) | Duty Cycle (%) | Total PSD (dBm/ MHz) | PSD Limit (dBm/MHz) | Result |
|------------|------------------|-------------|-------------|----------------|----------------|----------------------|---------------------|--------|
| 11ac-VHT20 | 26               | 52          | 5260        | 4.00           | 98.47          | 4.00                 | $\leq 10.70$        | Pass   |
| 11ac-VHT20 | 26               | 60          | 5300        | 4.46           | 98.47          | 4.46                 | $\leq 10.70$        | Pass   |
| 11ac-VHT20 | 26               | 64          | 5320        | 4.35           | 98.47          | 4.35                 | $\leq 10.70$        | Pass   |
| 11ac-VHT20 | 26               | 100         | 5500        | 5.15           | 98.47          | 5.15                 | $\leq 10.70$        | Pass   |
| 11ac-VHT20 | 26               | 120         | 5600        | 5.90           | 98.47          | 5.90                 | $\leq 10.70$        | Pass   |
| 11ac-VHT20 | 26               | 140         | 5700        | 5.39           | 98.47          | 5.39                 | $\leq 10.70$        | Pass   |
| 11ac-VHT20 | 26               | 144         | 5720        | 5.17           | 98.47          | 5.17                 | $\leq 10.70$        | Pass   |
| 11ac-VHT40 | 54               | 54          | 5270        | 0.96           | 97.03          | 1.09                 | $\leq 10.70$        | Pass   |
| 11ac-VHT40 | 54               | 62          | 5310        | 0.18           | 97.03          | 0.31                 | $\leq 10.70$        | Pass   |
| 11ac-VHT40 | 54               | 102         | 5510        | -1.09          | 97.03          | -0.96                | $\leq 10.70$        | Pass   |
| 11ac-VHT40 | 54               | 118         | 5590        | 2.78           | 97.03          | 2.91                 | $\leq 10.70$        | Pass   |
| 11ac-VHT40 | 54               | 134         | 5670        | 2.86           | 97.03          | 2.99                 | $\leq 10.70$        | Pass   |
| 11ac-VHT40 | 54               | 142         | 5710        | 2.60           | 97.03          | 2.73                 | $\leq 10.70$        | Pass   |
| 11ac-VHT80 | 117.2            | 58          | 5290        | -3.31          | 93.79          | -3.03                | $\leq 10.70$        | Pass   |
| 11ac-VHT80 | 117.2            | 106         | 5530        | -3.76          | 93.79          | -3.48                | $\leq 10.70$        | Pass   |
| 11ac-VHT80 | 117.2            | 122         | 5610        | -0.24          | 93.79          | 0.04                 | $\leq 10.70$        | Pass   |
| 11ac-VHT80 | 117.2            | 138         | 5690        | -0.71          | 93.79          | -0.43                | $\leq 10.70$        | Pass   |

Note 1: When EUT duty cycle  $\geq 98\%$ , the Total PSD (dBm/MHz) = Ant 1 PSD (dBm/ MHz)

Note 2: When EUT duty cycle  $< 98\%$ , the Total PSD (dBm/MHz) = Ant 1 PSD (dBm/ MHz) +  $10 \cdot \log(1/\text{Duty Cycle})$ .

Note 3: PSD Limit (dBm/ MHz) = 11 dBm/ MHz - (6.3dBi - 6dBi) = 10.7 dBm/ MHz.

### CDD Mode

#### 2TX \_ Ant 1 + 2

| Test Mode | Data Rate (Mbps) | Channel No. | Freq. (MHz) | Ant 1 PSD (dBm/MHz) | Ant 2 PSD (dBm/MHz) | Duty Cycle (%) | Total PSD (dBm/MHz) | PSD Limit (dBm/MHz) | Result |
|-----------|------------------|-------------|-------------|---------------------|---------------------|----------------|---------------------|---------------------|--------|
| 11a       | 6                | 52          | 5260        | 4.54                | 4.65                | 95.16          | 7.82                | ≤ 10.00             | Pass   |
| 11a       | 6                | 60          | 5300        | 4.72                | 4.43                | 95.16          | 7.80                | ≤ 10.00             | Pass   |
| 11a       | 6                | 64          | 5320        | 4.86                | 4.61                | 95.16          | 7.96                | ≤ 10.00             | Pass   |
| 11a       | 6                | 100         | 5500        | 3.98                | 3.82                | 95.16          | 7.13                | ≤ 10.00             | Pass   |
| 11a       | 6                | 120         | 5600        | 5.66                | 5.70                | 95.16          | 8.91                | ≤ 10.00             | Pass   |
| 11a       | 6                | 140         | 5700        | 3.24                | 3.61                | 95.16          | 6.65                | ≤ 10.00             | Pass   |
| 11a       | 6                | 144         | 5720        | 5.75                | 4.98                | 95.16          | 8.61                | ≤ 10.00             | Pass   |
| 11n-HT20  | 26               | 52          | 5260        | 4.13                | 4.35                | 95.05          | 7.47                | ≤ 10.00             | Pass   |
| 11n-HT20  | 26               | 60          | 5300        | 4.33                | 4.28                | 95.05          | 7.54                | ≤ 10.00             | Pass   |
| 11n-HT20  | 26               | 64          | 5320        | 4.32                | 4.20                | 95.05          | 7.49                | ≤ 10.00             | Pass   |
| 11n-HT20  | 26               | 100         | 5500        | 3.18                | 2.78                | 95.05          | 6.22                | ≤ 10.00             | Pass   |
| 11n-HT20  | 26               | 120         | 5600        | 5.24                | 4.31                | 95.05          | 8.03                | ≤ 10.00             | Pass   |
| 11n-HT20  | 26               | 140         | 5700        | 3.62                | 3.72                | 95.05          | 6.90                | ≤ 10.00             | Pass   |
| 11n-HT20  | 26               | 144         | 5720        | 5.42                | 4.29                | 95.05          | 8.12                | ≤ 10.00             | Pass   |
| 11n-HT40  | 54               | 54          | 5270        | 1.04                | 0.82                | 90.41          | 4.38                | ≤ 10.00             | Pass   |
| 11n-HT40  | 54               | 62          | 5310        | -0.74               | -1.31               | 90.41          | 2.43                | ≤ 10.00             | Pass   |
| 11n-HT40  | 54               | 102         | 5510        | -2.17               | -2.75               | 90.41          | 1.00                | ≤ 10.00             | Pass   |
| 11n-HT40  | 54               | 118         | 5590        | 3.37                | 1.43                | 90.41          | 5.96                | ≤ 10.00             | Pass   |
| 11n-HT40  | 54               | 134         | 5670        | 2.81                | 2.40                | 90.41          | 6.06                | ≤ 10.00             | Pass   |
| 11n-HT40  | 54               | 142         | 5710        | 2.48                | 2.39                | 90.41          | 5.89                | ≤ 10.00             | Pass   |

Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) =  $10 \cdot \log\{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$

Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) =  $10 \cdot \log\{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\} + 10 \cdot \log(1/\text{Duty Cycle})$ .

Note 3: PSD Limit (dBm/ MHz) = 11 dBm/ MHz - (7dBi - 6dBi) = 10 dBm/ MHz.

| Test Mode  | Data Rate (Mbps) | Channel No. | Freq. (MHz) | Ant 1 PSD (dBm/MHz) | Ant 2 PSD (dBm/MHz) | Duty Cycle (%) | Total PSD (dBm/MHz) | PSD Limit (dBm/MHz) | Result |
|------------|------------------|-------------|-------------|---------------------|---------------------|----------------|---------------------|---------------------|--------|
| 11ac-VHT20 | 26               | 52          | 5260        | 4.20                | 4.30                | 98.47          | 7.26                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 60          | 5300        | 4.40                | 4.46                | 98.47          | 7.44                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 64          | 5320        | 4.36                | 4.27                | 98.47          | 7.33                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 100         | 5500        | 3.38                | 2.98                | 98.47          | 6.19                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 120         | 5600        | 5.81                | 5.62                | 98.47          | 8.73                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 140         | 5700        | 2.98                | 2.70                | 98.47          | 5.85                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 144         | 5720        | 5.37                | 4.55                | 98.47          | 7.99                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 54          | 5270        | 1.42                | 0.83                | 97.03          | 4.28                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 62          | 5310        | -1.08               | -1.49               | 97.03          | 1.86                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 102         | 5510        | -2.61               | -3.13               | 97.03          | 0.28                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 118         | 5590        | 3.17                | 2.68                | 97.03          | 6.07                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 134         | 5670        | 0.39                | -0.31               | 97.03          | 3.20                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 142         | 5710        | 2.64                | 2.18                | 97.03          | 5.55                | ≤ 10.00             | Pass   |
| 11ac-VHT80 | 117.2            | 58          | 5290        | -5.30               | -5.94               | 93.79          | -2.32               | ≤ 10.00             | Pass   |
| 11ac-VHT80 | 117.2            | 106         | 5530        | -5.83               | -6.49               | 93.79          | -2.86               | ≤ 10.00             | Pass   |
| 11ac-VHT80 | 117.2            | 122         | 5610        | 0.35                | -0.26               | 93.79          | 3.35                | ≤ 10.00             | Pass   |
| 11ac-VHT80 | 117.2            | 138         | 5690        | -0.08               | -0.85               | 93.79          | 2.84                | ≤ 10.00             | Pass   |

Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) =  $10 \cdot \log\{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$

Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) =  $10 \cdot \log\{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10 \cdot \log(1/\text{Duty Cycle})\}$ .

Note 3: PSD Limit (dBm/ MHz) = 11 dBm/ MHz - (7dBi - 6dBi) = 10 dBm/ MHz.

### Beam-Forming Mode

#### 2TX \_ Ant 1 + 2

| Test Mode  | Data Rate (Mbps) | Channel No. | Freq. (MHz) | Ant 1 PSD (dBm/MHz) | Ant 2 PSD (dBm/MHz) | Duty Cycle (%) | Total PSD (dBm/MHz) | PSD Limit (dBm/MHz) | Result |
|------------|------------------|-------------|-------------|---------------------|---------------------|----------------|---------------------|---------------------|--------|
| 11n-HT20   | 26               | 52          | 5260        | 2.70                | 2.90                | 95.05          | 6.03                | ≤ 10.00             | Pass   |
| 11n-HT20   | 26               | 60          | 5300        | 2.71                | 3.06                | 95.05          | 6.12                | ≤ 10.00             | Pass   |
| 11n-HT20   | 26               | 64          | 5320        | 2.95                | 2.89                | 95.05          | 6.15                | ≤ 10.00             | Pass   |
| 11n-HT20   | 26               | 100         | 5500        | 1.62                | 2.06                | 95.05          | 5.08                | ≤ 10.00             | Pass   |
| 11n-HT20   | 26               | 120         | 5600        | 3.03                | 3.45                | 95.05          | 6.48                | ≤ 10.00             | Pass   |
| 11n-HT20   | 26               | 140         | 5700        | 1.32                | 2.27                | 95.05          | 5.05                | ≤ 10.00             | Pass   |
| 11n-HT20   | 26               | 144         | 5720        | 3.32                | 3.54                | 95.05          | 6.66                | ≤ 10.00             | Pass   |
| 11n-HT40   | 54               | 54          | 5270        | -0.62               | -0.42               | 90.41          | 2.93                | ≤ 10.00             | Pass   |
| 11n-HT40   | 54               | 62          | 5310        | -2.41               | -2.21               | 90.41          | 1.14                | ≤ 10.00             | Pass   |
| 11n-HT40   | 54               | 102         | 5510        | -2.96               | -2.58               | 90.41          | 0.68                | ≤ 10.00             | Pass   |
| 11n-HT40   | 54               | 118         | 5590        | 1.16                | 1.28                | 90.41          | 4.67                | ≤ 10.00             | Pass   |
| 11n-HT40   | 54               | 134         | 5670        | 1.28                | 0.57                | 90.41          | 4.39                | ≤ 10.00             | Pass   |
| 11n-HT40   | 54               | 142         | 5710        | 1.89                | 0.89                | 90.41          | 4.87                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 52          | 5260        | 2.71                | 3.04                | 98.47          | 5.96                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 60          | 5300        | 2.69                | 3.40                | 98.47          | 6.14                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 64          | 5320        | 2.83                | 3.04                | 98.47          | 6.01                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 100         | 5500        | 1.93                | 2.06                | 98.47          | 5.07                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 120         | 5600        | 3.32                | 3.37                | 98.47          | 6.42                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 140         | 5700        | 2.00                | 2.61                | 98.47          | 5.39                | ≤ 10.00             | Pass   |
| 11ac-VHT20 | 26               | 144         | 5720        | 3.23                | 3.85                | 98.47          | 6.63                | ≤ 10.00             | Pass   |

Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) =  $10 \cdot \log\{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$

Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) =  $10 \cdot \log\{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10 \cdot \log(1/\text{Duty Cycle})\}$ .

Note 3: PSD Limit (dBm/ MHz) = 11 dBm/ MHz - (7dBi - 6dBi) = 10 dBm/ MHz.

| Test Mode  | Data Rate (Mbps) | Channel No. | Freq. (MHz) | Ant 1 PSD (dBm/MHz) | Ant 2 PSD (dBm/MHz) | Duty Cycle (%) | Total PSD (dBm/MHz) | PSD Limit (dBm/MHz) | Result |
|------------|------------------|-------------|-------------|---------------------|---------------------|----------------|---------------------|---------------------|--------|
| 11ac-VHT40 | 54               | 54          | 5270        | 2.30                | 1.98                | 97.03          | 5.28                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 62          | 5310        | -2.71               | -2.57               | 97.03          | 0.50                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 102         | 5510        | -3.16               | -2.92               | 97.03          | 0.10                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 118         | 5590        | 2.23                | -0.34               | 97.03          | 4.27                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 134         | 5670        | 1.78                | 1.55                | 97.03          | 4.81                | ≤ 10.00             | Pass   |
| 11ac-VHT40 | 54               | 142         | 5710        | 1.64                | 1.44                | 97.03          | 4.68                | ≤ 10.00             | Pass   |
| 11ac-VHT80 | 117.2            | 58          | 5290        | -5.89               | -6.43               | 93.79          | -2.86               | ≤ 10.00             | Pass   |
| 11ac-VHT80 | 117.2            | 106         | 5530        | -6.26               | -6.33               | 93.79          | -3.01               | ≤ 10.00             | Pass   |
| 11ac-VHT80 | 117.2            | 122         | 5610        | -1.53               | -1.55               | 93.79          | 1.75                | ≤ 10.00             | Pass   |
| 11ac-VHT80 | 117.2            | 138         | 5690        | -1.73               | -2.20               | 93.79          | 1.33                | ≤ 10.00             | Pass   |

Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) =  $10 \cdot \log\{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$

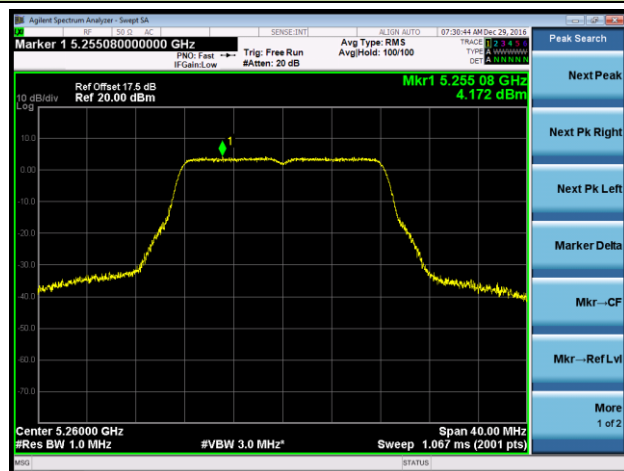
Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) =  $10 \cdot \log\{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$  +  $10 \cdot \log(1/\text{Duty Cycle})$ .

Note 3: PSD Limit (dBm/ MHz) = 11 dBm/ MHz - (7dBi - 6dBi) = 10 dBm/ MHz.

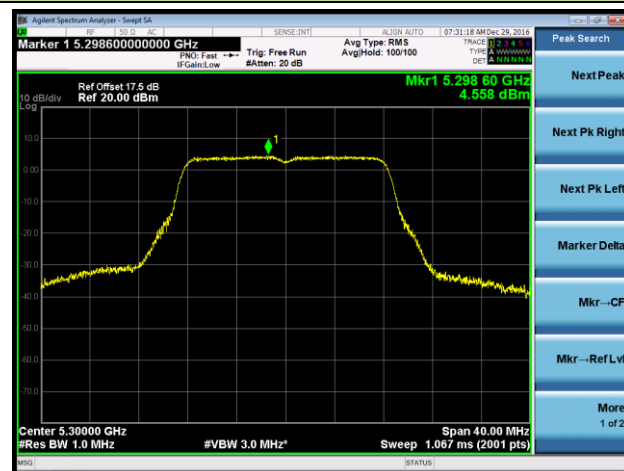
## 1TX \_ Ant 1

## 802.11a Power Spectral Density - Ant 1

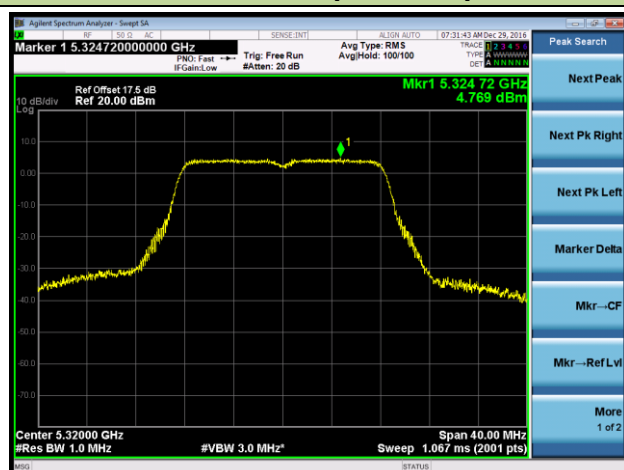
## Channel 52 (5260MHz)



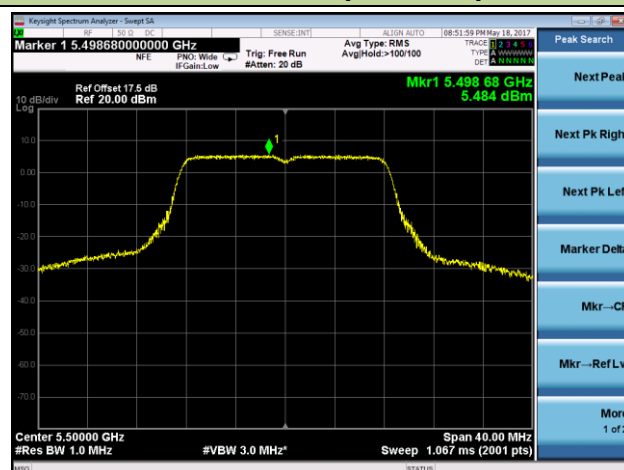
## Channel 60 (5300MHz)



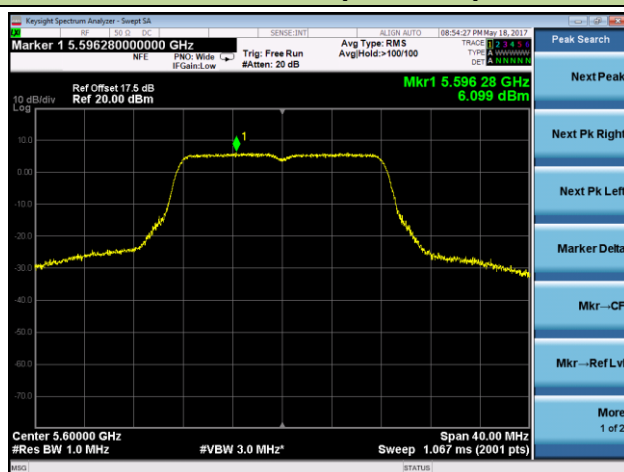
## Channel 64 (5320MHz)



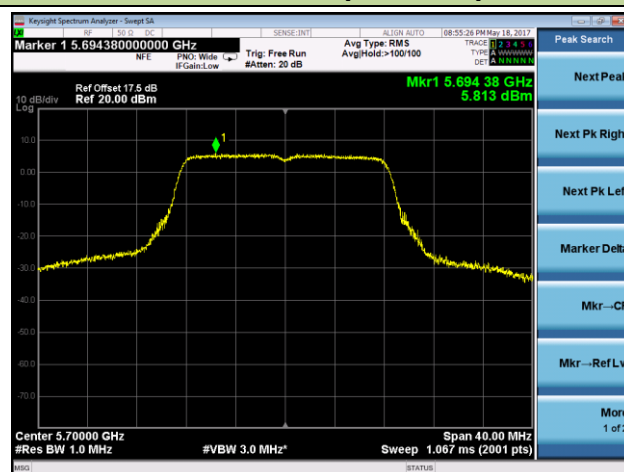
## Channel 100 (5500MHz)



## Channel 120 (5600MHz)

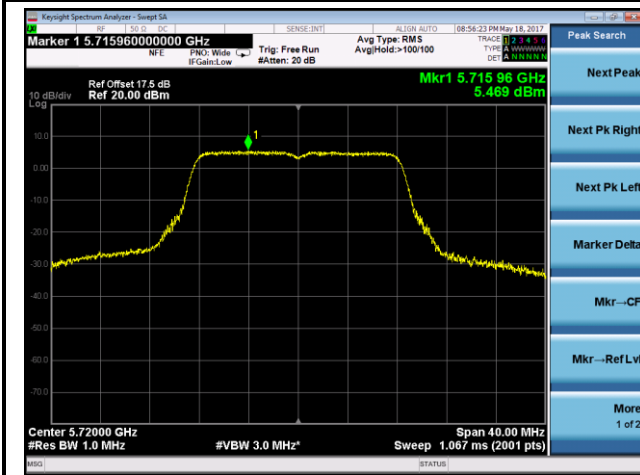


## Channel 140 (5700MHz)



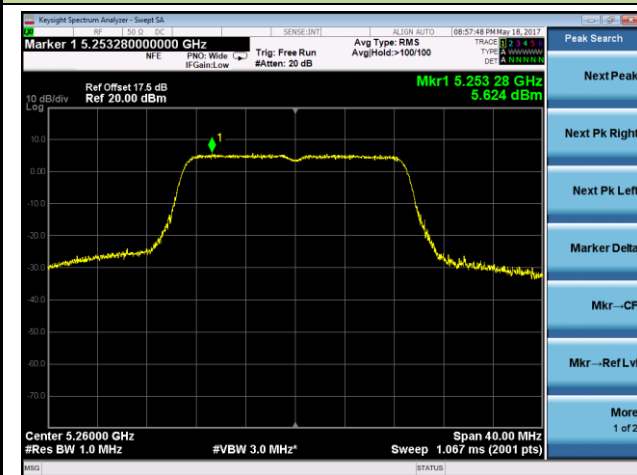
## 802.11a Power Spectral Density - Ant 1

### Channel 144 (5720MHz)

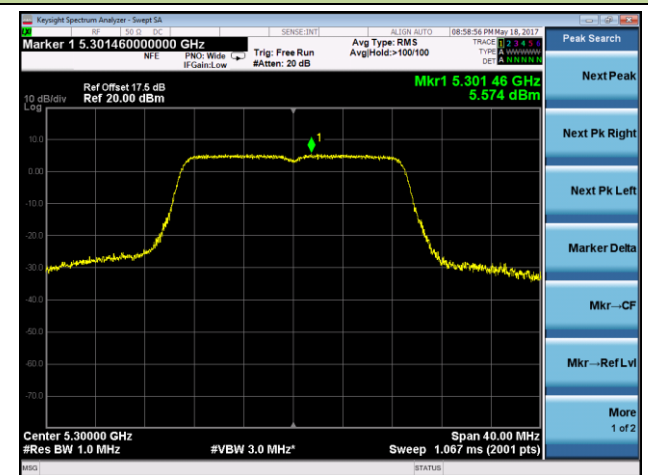


## 802.11n-HT20 Power Spectral Density - Ant 1

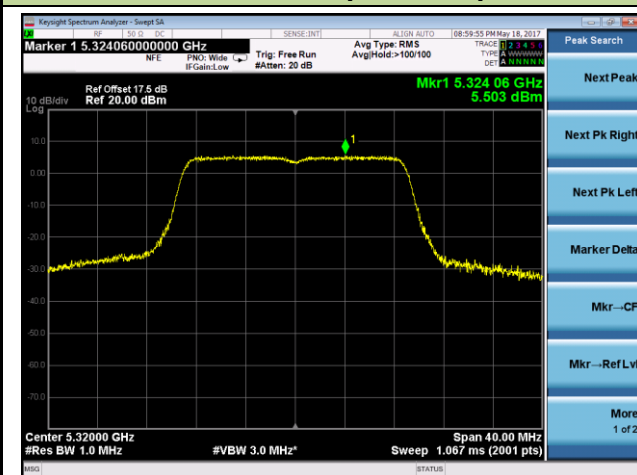
### Channel 52 (5260MHz)



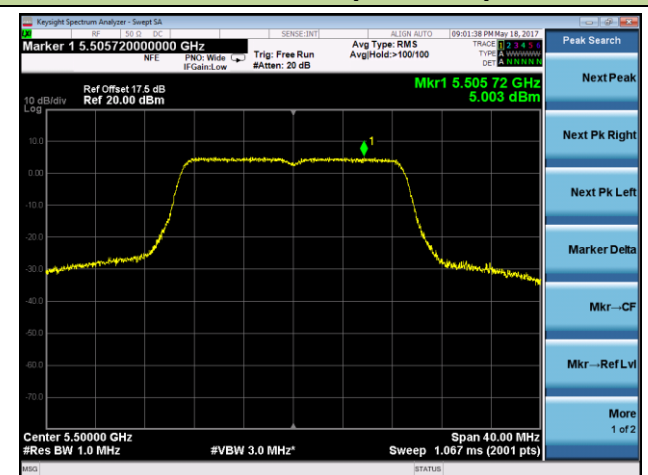
### Channel 60 (5300MHz)



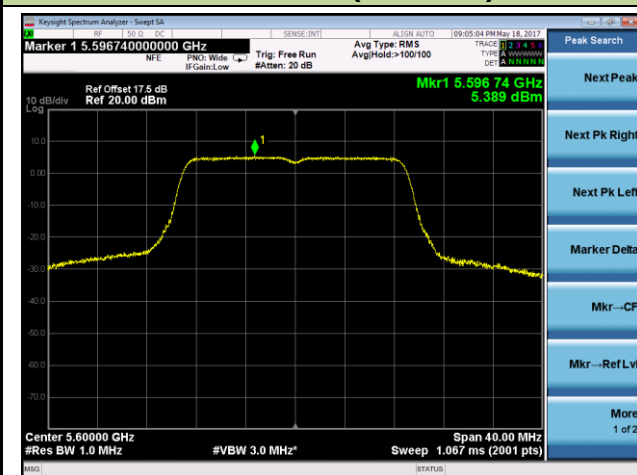
### Channel 64 (5320MHz)



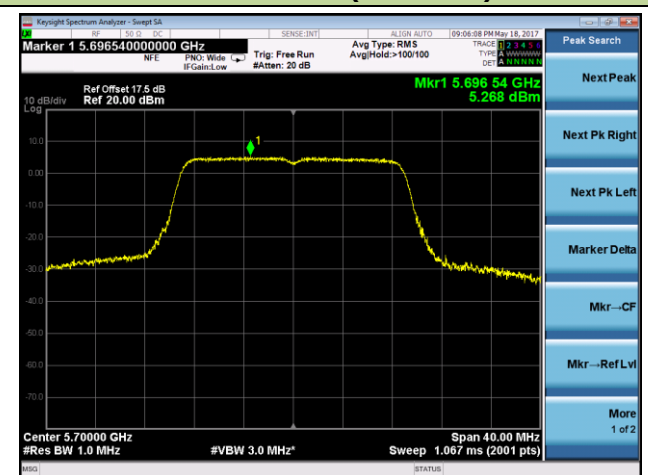
### Channel 100 (5500MHz)



### Channel 120 (5600MHz)

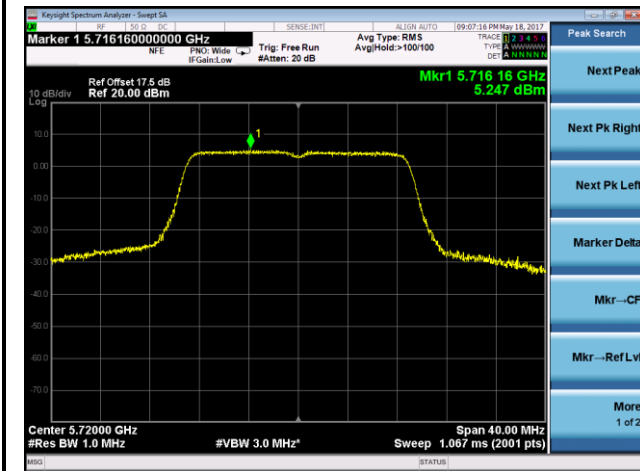


### Channel 140 (5700MHz)



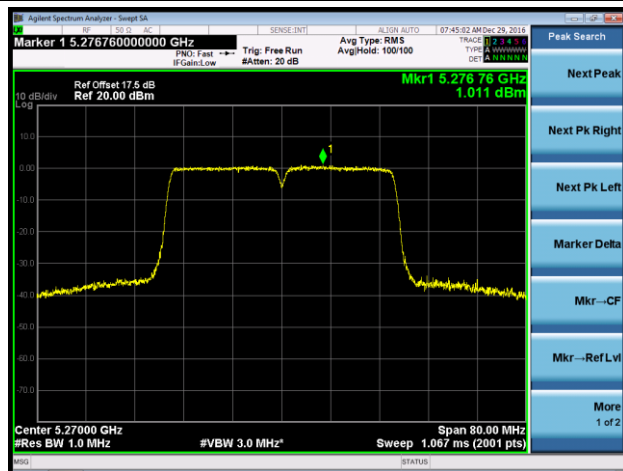
## 802.11n-HT20 Power Spectral Density - Ant 1

### Channel 144 (5720MHz)

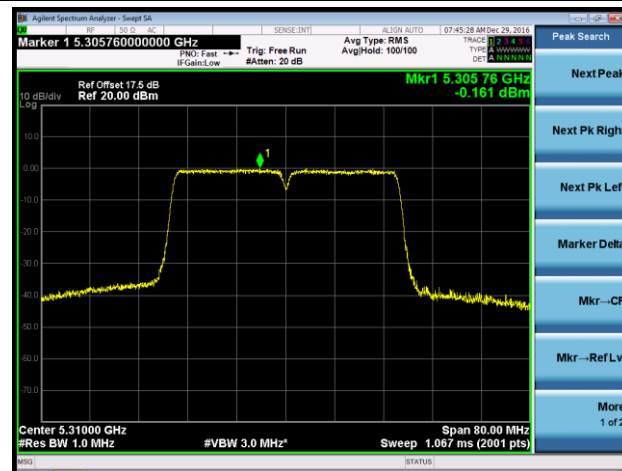


## 802.11n-HT40 Power Spectral Density - Ant 1

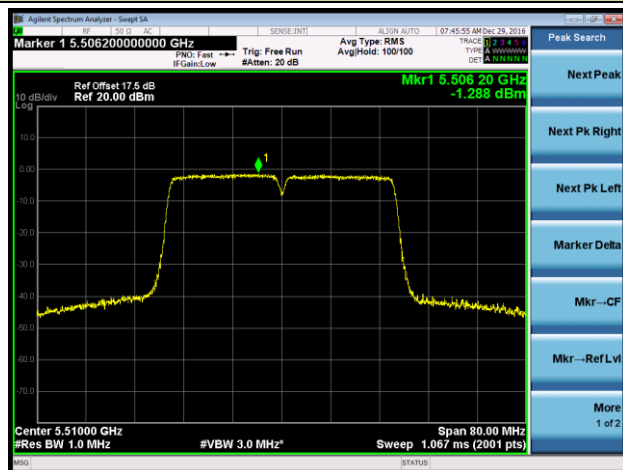
### Channel 54 (5270MHz)



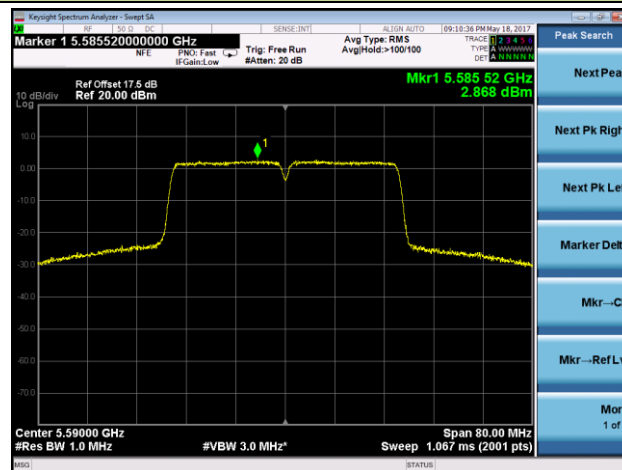
### Channel 62 (5310MHz)



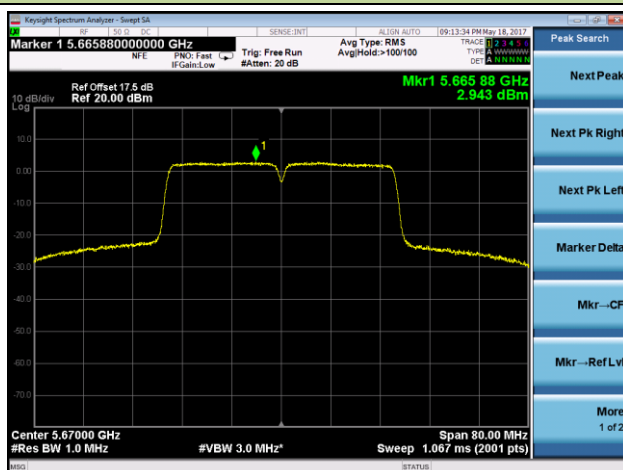
### Channel 102 (5510MHz)



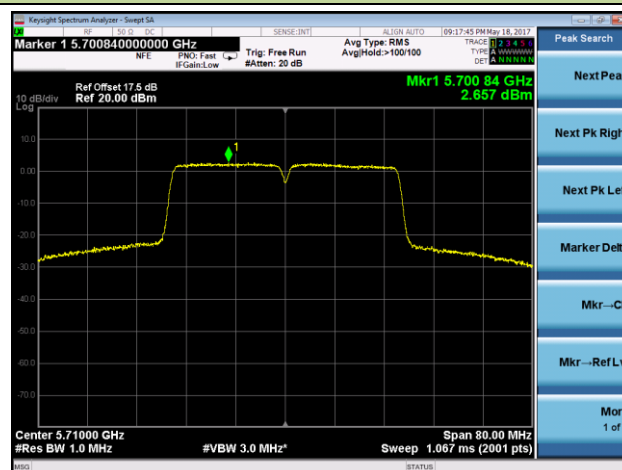
### Channel 118 (5590MHz)



### Channel 134 (5670MHz)

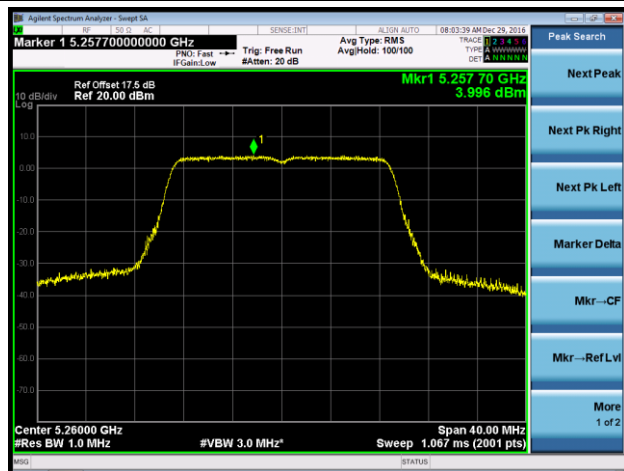


### Channel 142 (5710MHz)

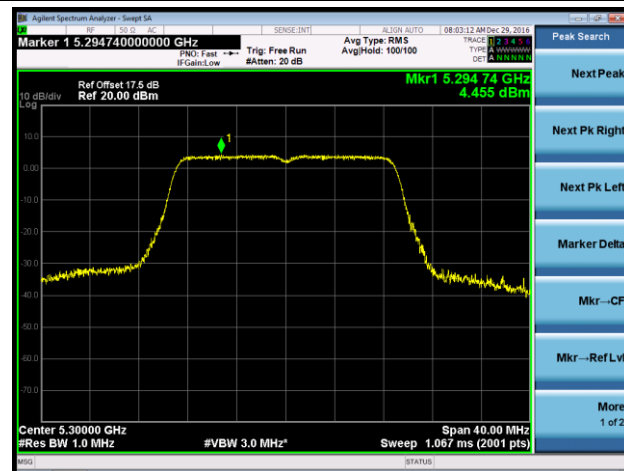


# 802.11ac-VHT20 Power Spectral Density - Ant 1

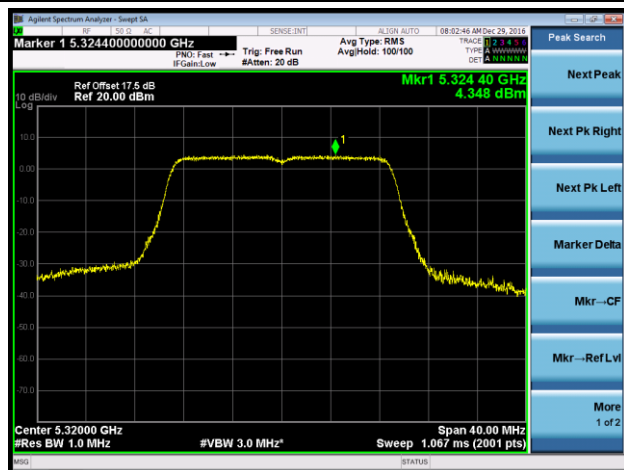
## Channel 52 (5260MHz)



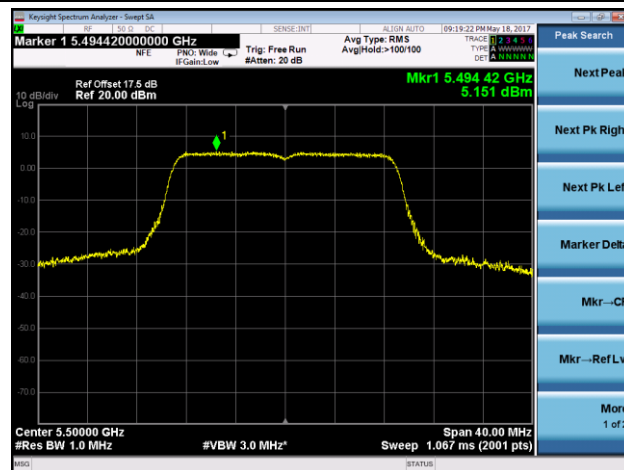
## Channel 60 (5300MHz)



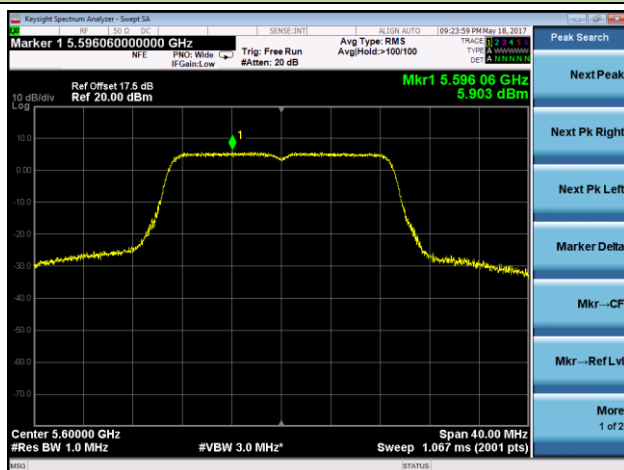
## Channel 64 (5320MHz)



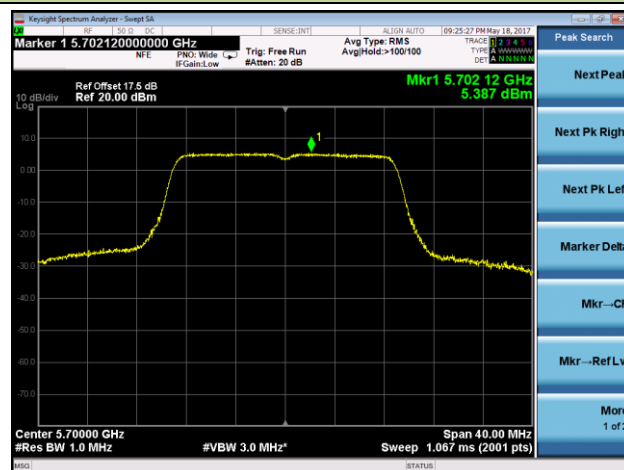
## Channel 100 (5500MHz)



## Channel 120 (5600MHz)

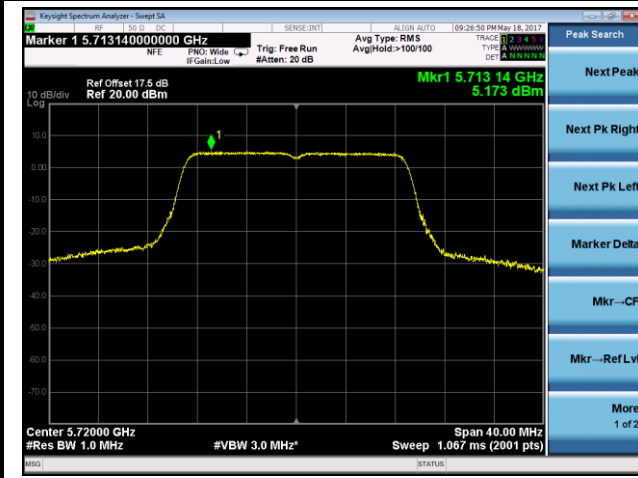


## Channel 140 (5700MHz)



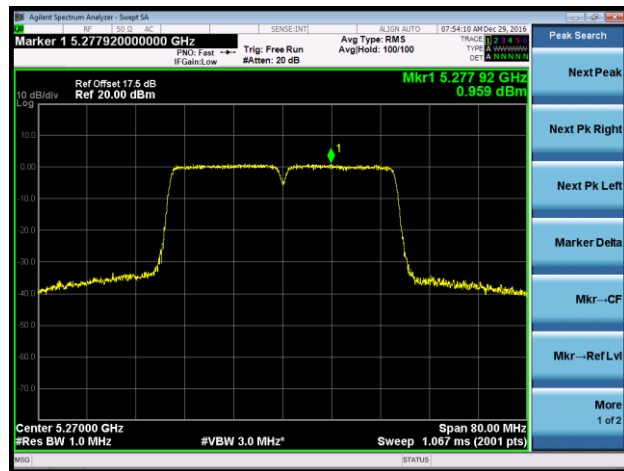
# 802.11ac-VHT20 Power Spectral Density - Ant 1

## Channel 144 (5720MHz)

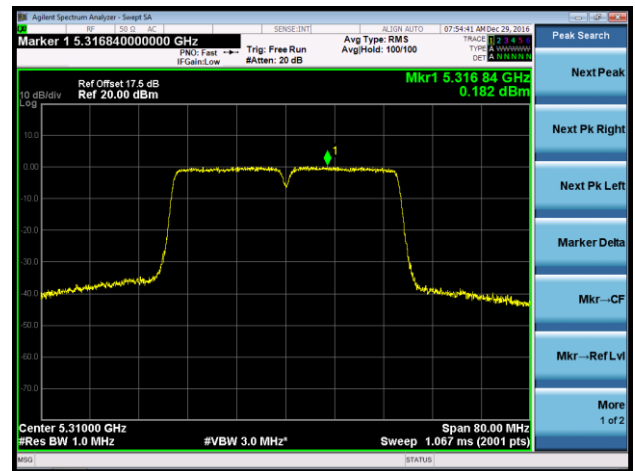


# 802.11ac-VHT40 Power Spectral Density - Ant 1

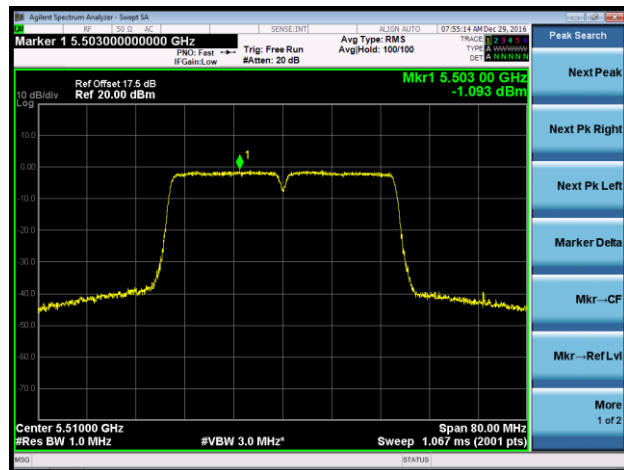
## Channel 54 (5270MHz)



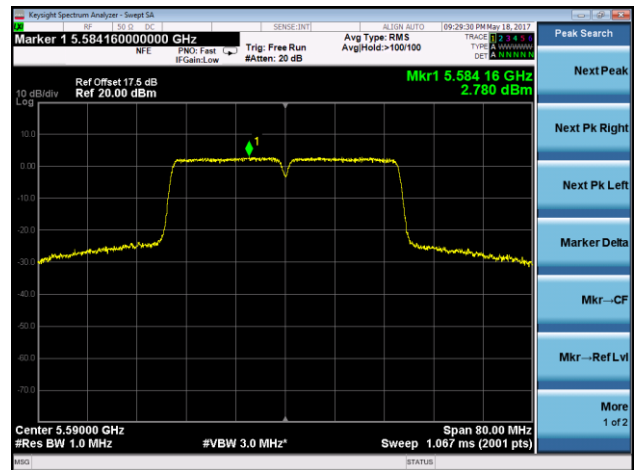
## Channel 62 (5310MHz)



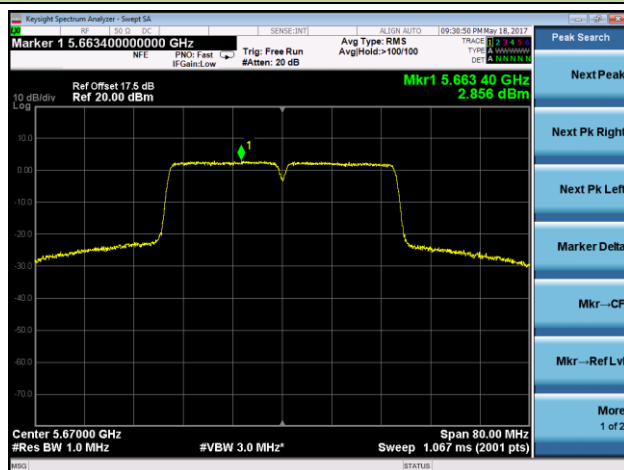
## Channel 102 (5510MHz)



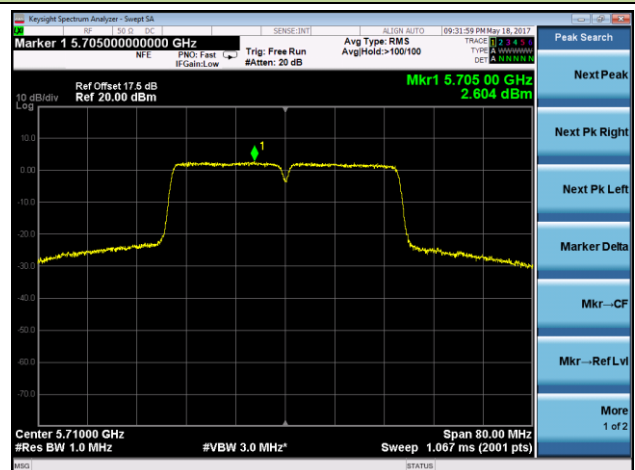
## Channel 118 (5590MHz)



## Channel 134 (5670MHz)

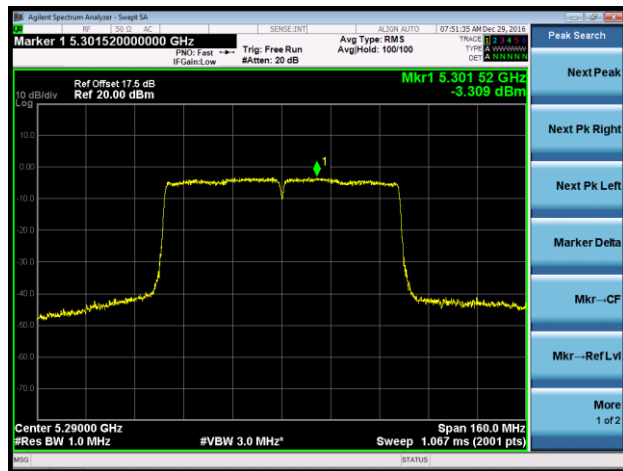


## Channel 142 (5710MHz)

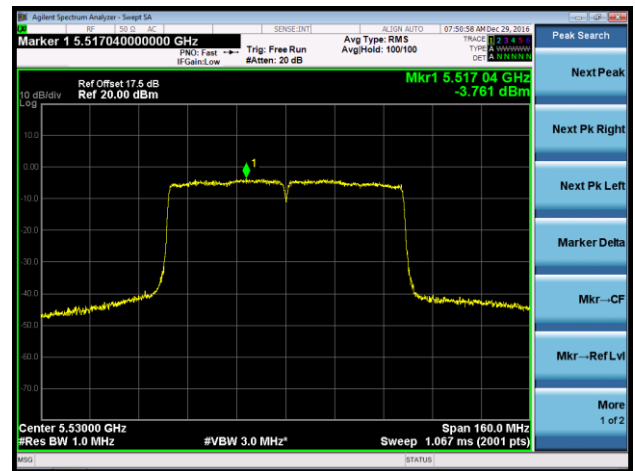


## 802.11ac-VHT80 Power Spectral Density - Ant 1

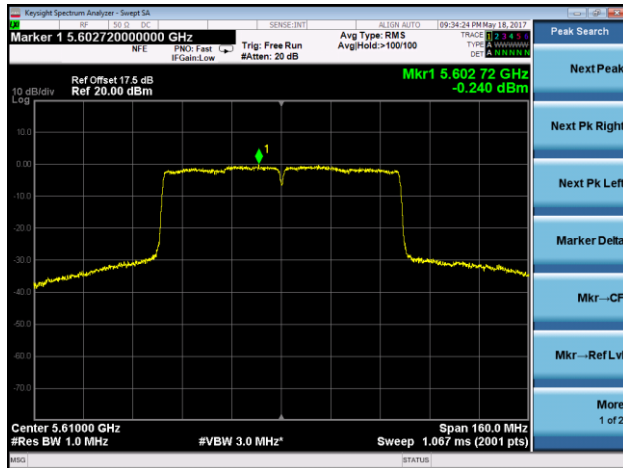
### Channel 58 (5290MHz)



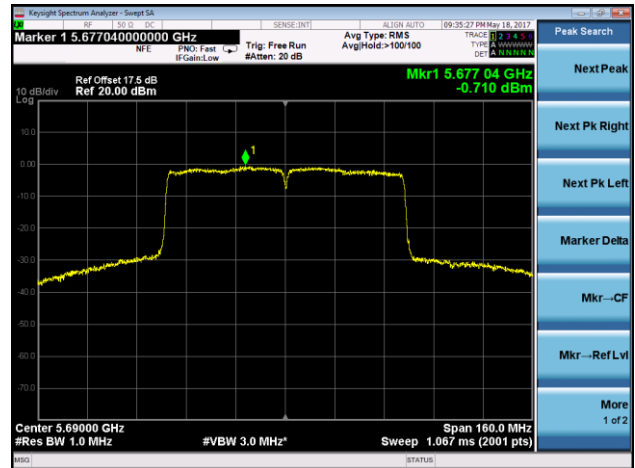
### Channel 106 (5530MHz)



### Channel 122 (5610MHz)



### Channel 138 (5690MHz)

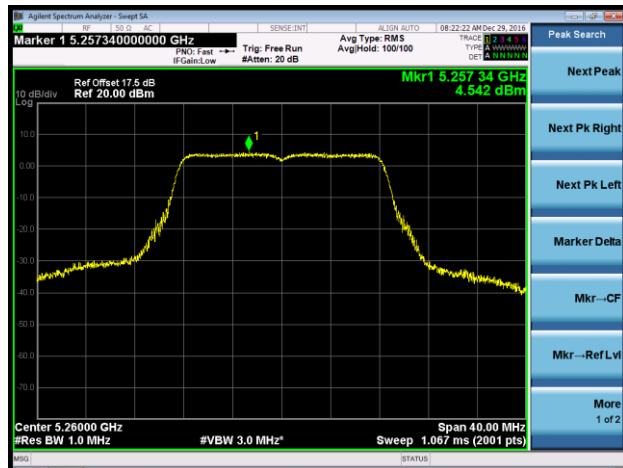


# CDD Mode

2TX \_ Ant 1 + 2

## 802.11a Power Spectral Density - Ant 1 / Ant 1 + 2

### Channel 52 (5260MHz)



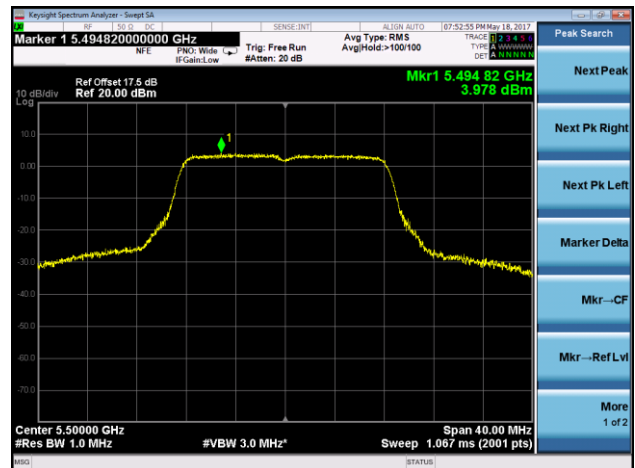
### Channel 60 (5300MHz)



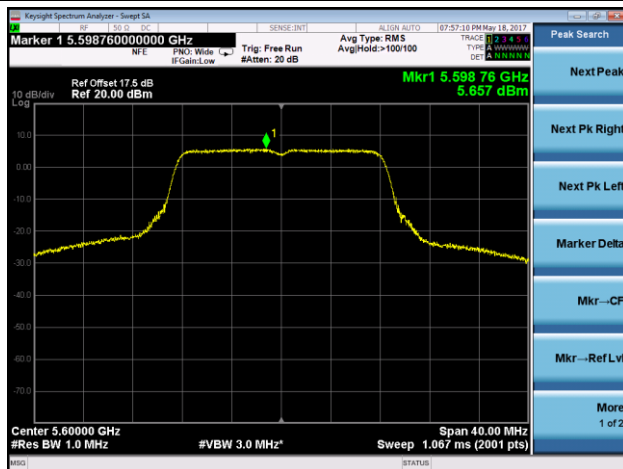
### Channel 64 (5320MHz)



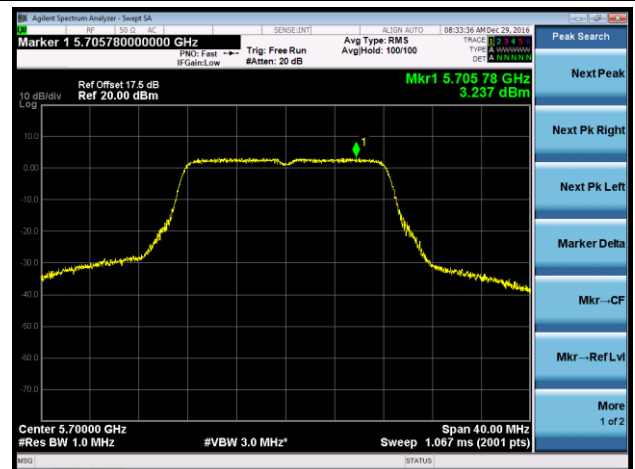
### Channel 100 (5500MHz)

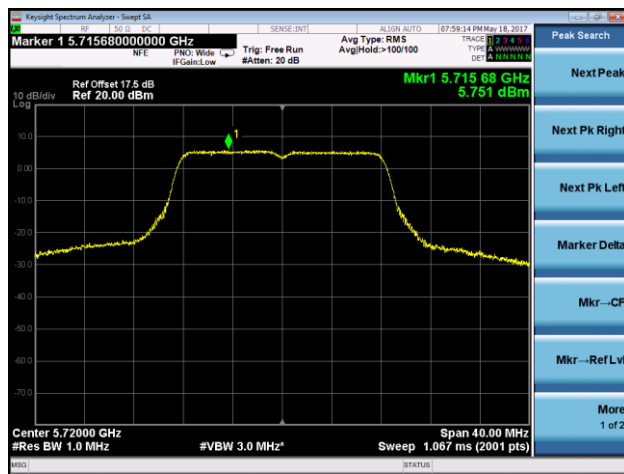


### Channel 120 (5600MHz)



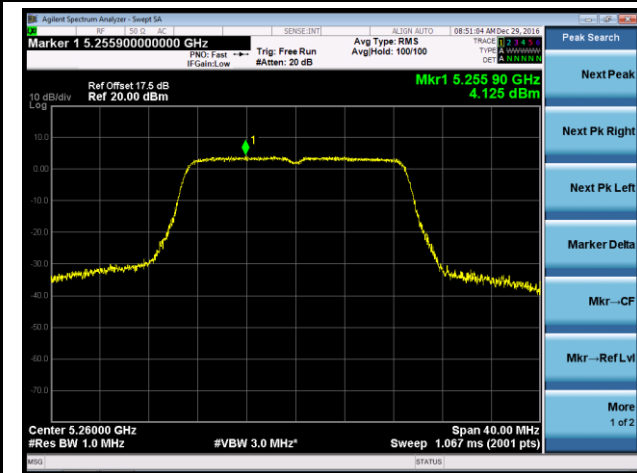
### Channel 140 (5700MHz)



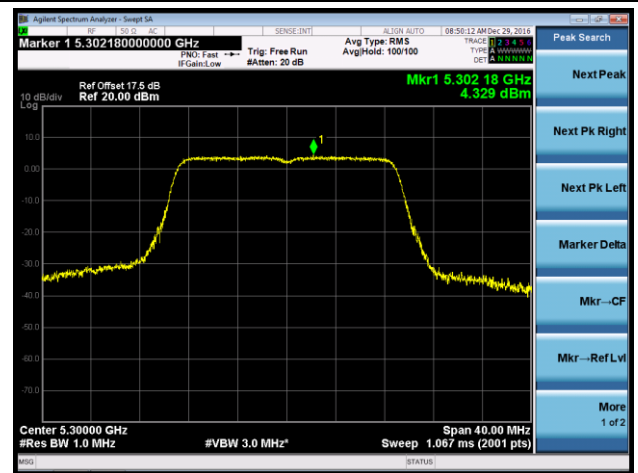
**802.11a Power Spectral Density - Ant 1 / Ant 1 + 2****Channel 144 (5720MHz)**

# 802.11n-HT20 Power Spectral Density - Ant 1 / Ant 1 + 2

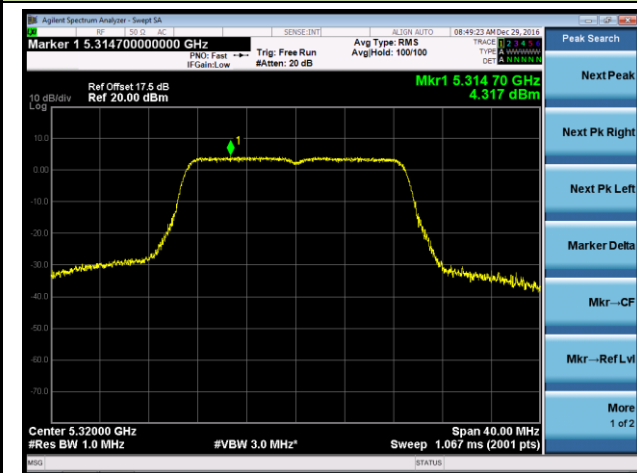
## Channel 52 (5260MHz)



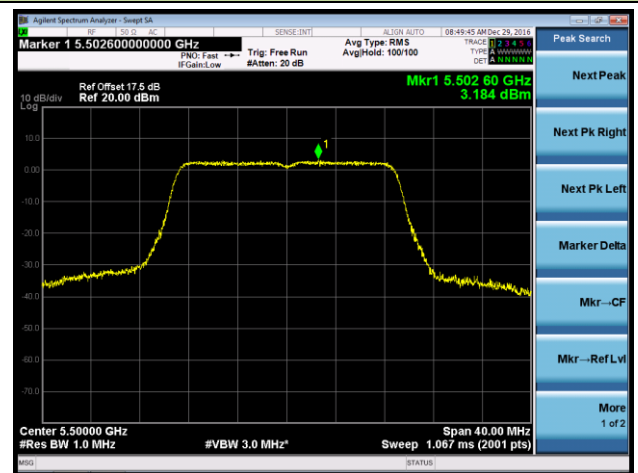
## Channel 60 (5300MHz)



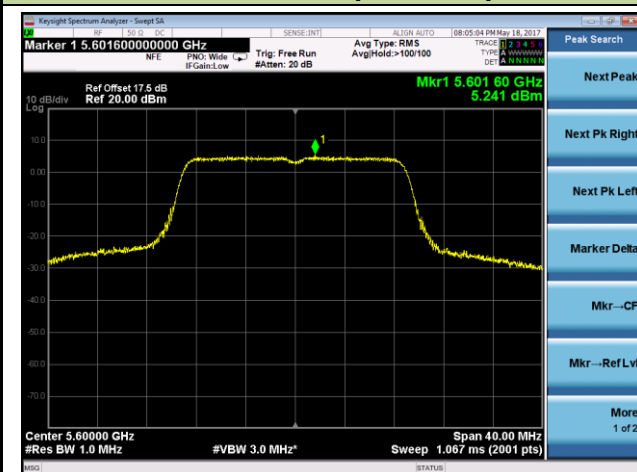
## Channel 64 (5320MHz)



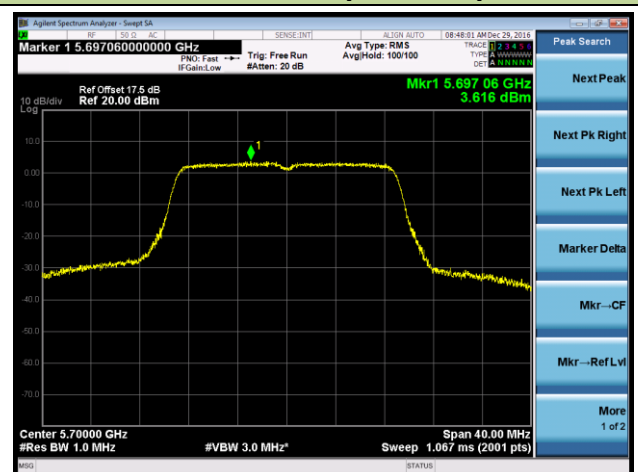
## Channel 100 (5500MHz)



## Channel 120 (5600MHz)

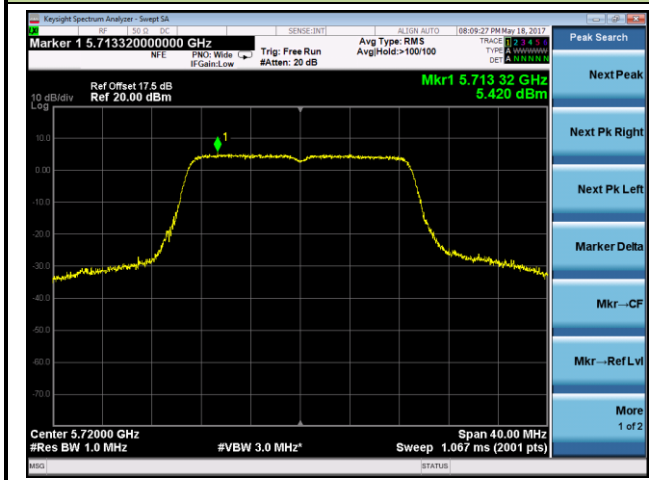


## Channel 140 (5700MHz)



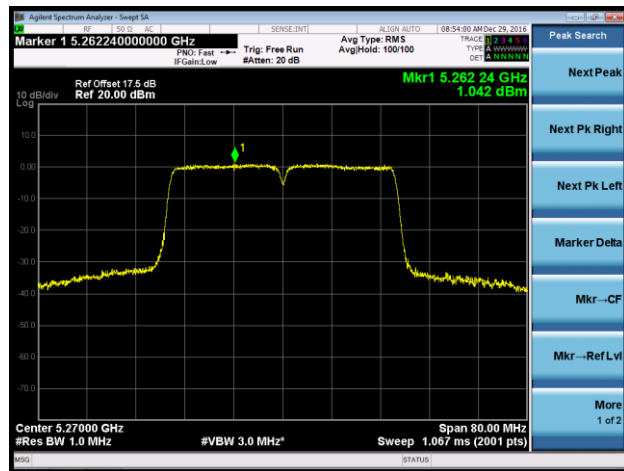
## 802.11n-HT20 Power Spectral Density - Ant 1 / Ant 1 + 2

### Channel 144 (5720MHz)

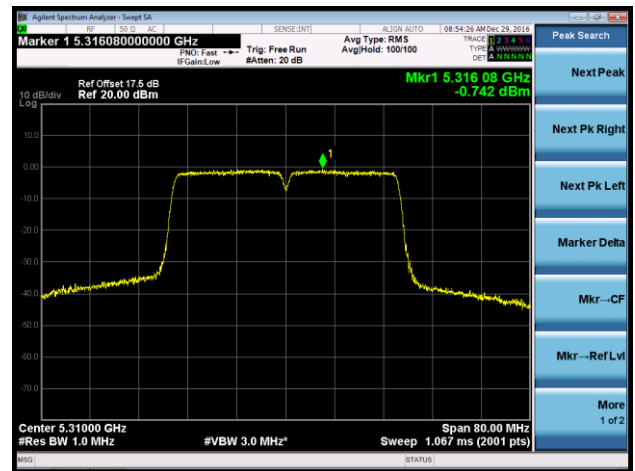


## 802.11n-HT40 Power Spectral Density - Ant 1 / Ant 1 + 2

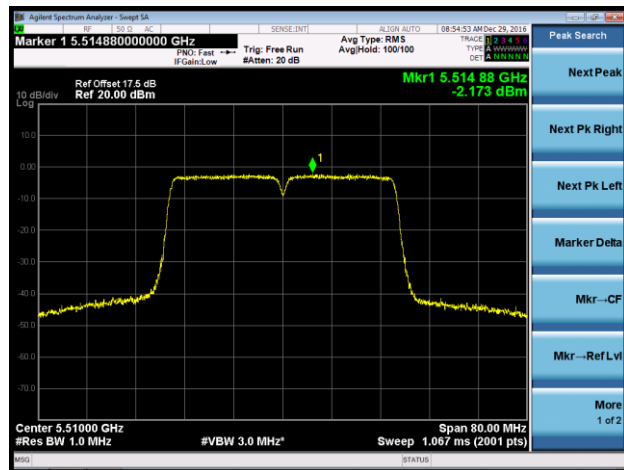
### Channel 54 (5270MHz)



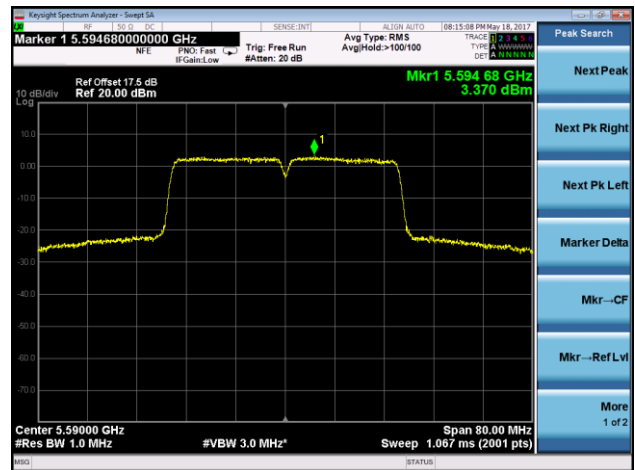
### Channel 62 (5310MHz)



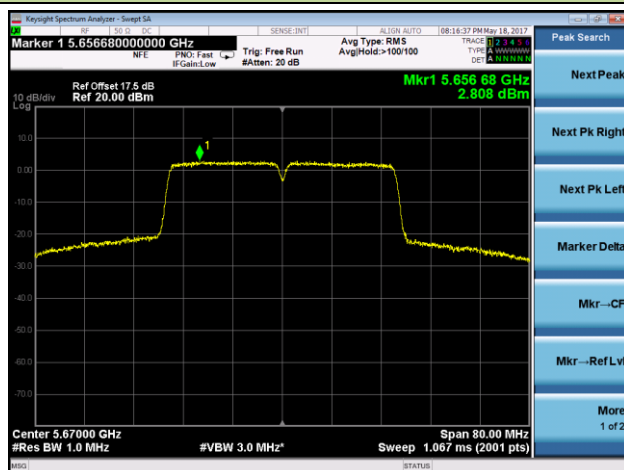
### Channel 102 (5510MHz)



### Channel 118 (5590MHz)



### Channel 134 (5670MHz)



### Channel 142 (5710MHz)

