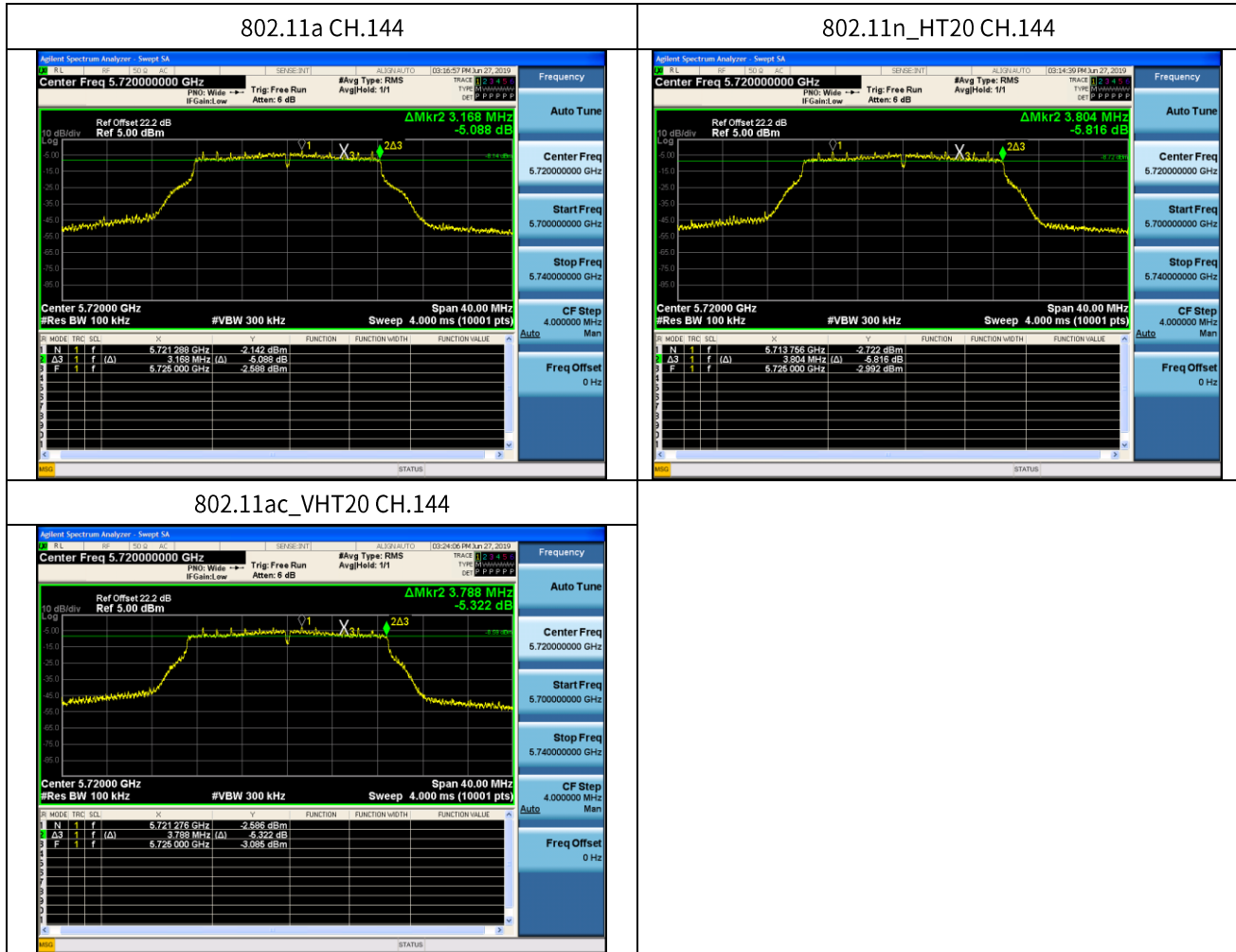
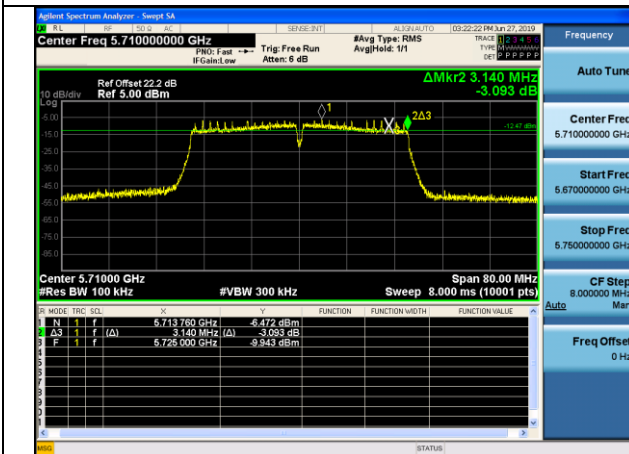


■ Test Plots(UNII 3 Band 6dB Bandwidth)



802.11n\_HT40 CH.142



802.11ac\_VHT40 CH.142



802.11ac\_VHT80 CH.138



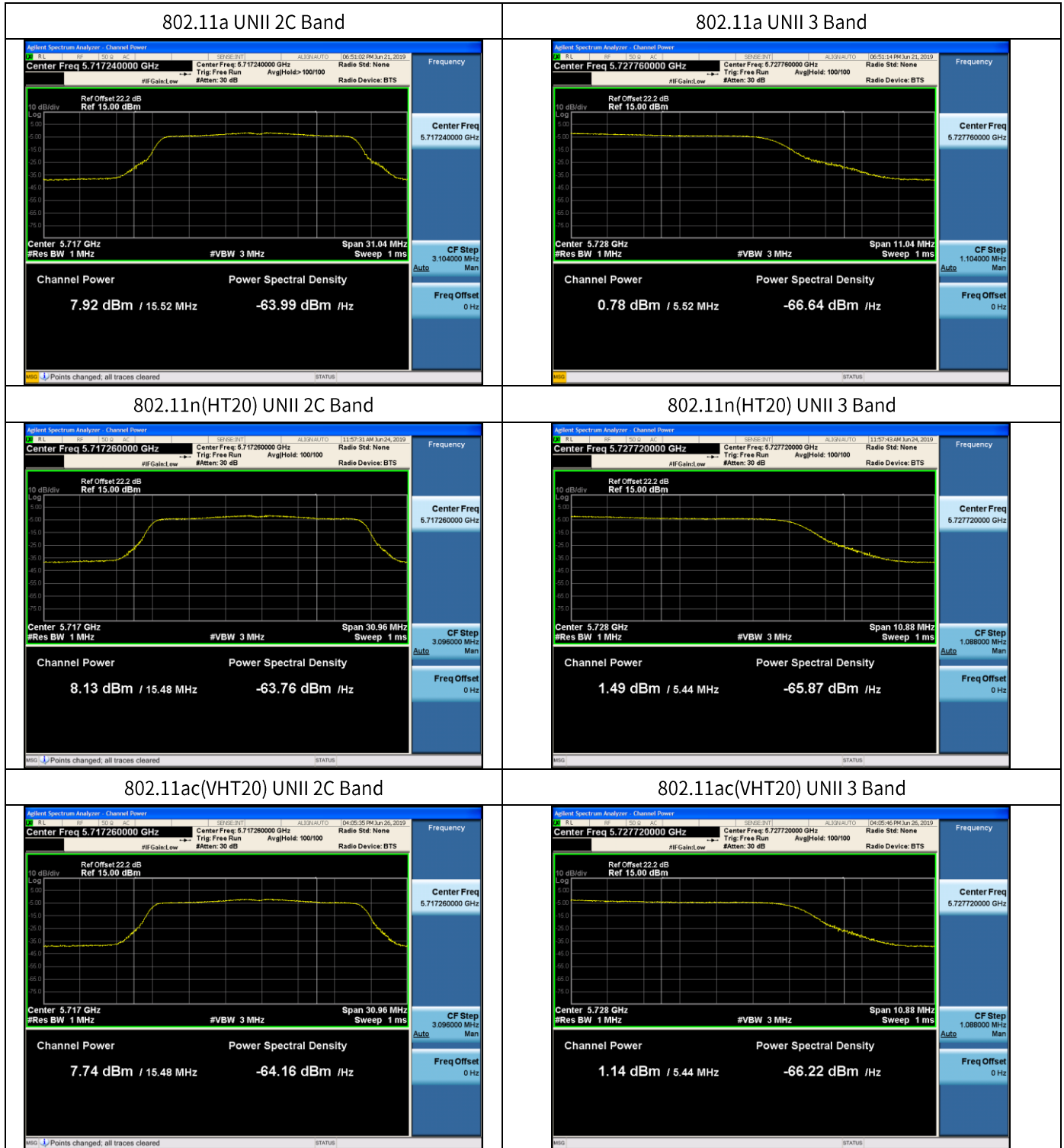
### 10.7.3 Output Power

| Mode            | Frequency<br>[MHz]    | Channel | Measured<br>Power<br>(dBm) | Duty Cycle<br>Factor<br>(dB) | Total<br>Power<br>(dBm) | Limit<br>(dBm) |
|-----------------|-----------------------|---------|----------------------------|------------------------------|-------------------------|----------------|
| 802.11a         | 5720                  | 144     | 7.92                       | 0.205                        | 8.12                    | 24.23          |
| 802.11n(HT20)   | (UNII 2C<br>Band)     |         | 8.13                       | 0.224                        | 8.35                    | 24.21          |
| 802.11ac(VHT20) |                       |         | 7.74                       | 0.430                        | 8.17                    | 24.21          |
| 802.11a         | 5720<br>(UNII 3 Band) | 144     | 0.78                       | 0.205                        | 0.98                    | 30.00          |
| 802.11n(HT20)   |                       |         | 1.49                       | 0.224                        | 1.71                    | 30.00          |
| 802.11ac(VHT20) |                       |         | 1.14                       | 0.430                        | 1.57                    | 30.00          |

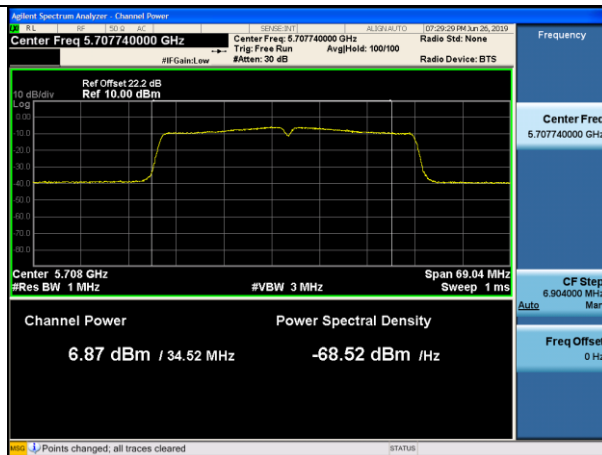
| Mode            | Frequency [MHz] | Channel | Measured Power (dBm) | Duty Cycle Factor (dB) | Total Power (dBm) | Limit (dBm) |
|-----------------|-----------------|---------|----------------------|------------------------|-------------------|-------------|
| 802.11n(HT40)   | 5710            | 142     | 6.87                 | 0.799                  | 7.67              | 26.97       |
| 802.11ac(VHT40) | (UNII 2C Band)  |         | 6.05                 | 1.107                  | 7.16              | 26.97       |
| 802.11n(HT40)   | 5710            | 142     | -4.79                | 0.799                  | -3.99             | 30.00       |
| 802.11ac(VHT40) | (UNII 3 Band)   |         | -5.44                | 1.107                  | -4.33             | 30.00       |

| Mode            | Frequency [MHz]     | Channel | Measured Power (dBm) | Duty Cycle Factor (dB) | Total Power (dBm) | Limit (dBm) |
|-----------------|---------------------|---------|----------------------|------------------------|-------------------|-------------|
| 802.11ac(VHT80) | 5690 (UNII 2C Band) | 138     | 5.61                 | 1.470                  | 7.08              | 30.00       |
|                 | 5690 (UNII 3 Band)  | 138     | -8.82                | 1.470                  | -7.35             | 30.00       |

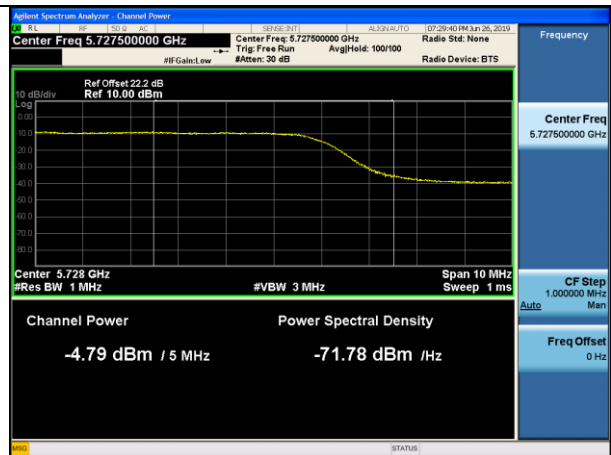
# Test Plots



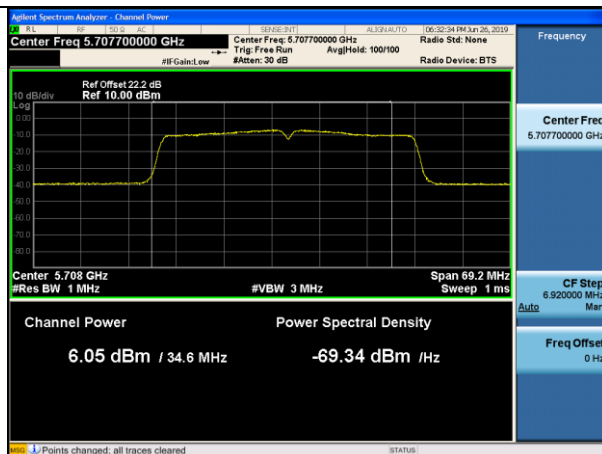
802.11n(HT40) UNII 2C Band



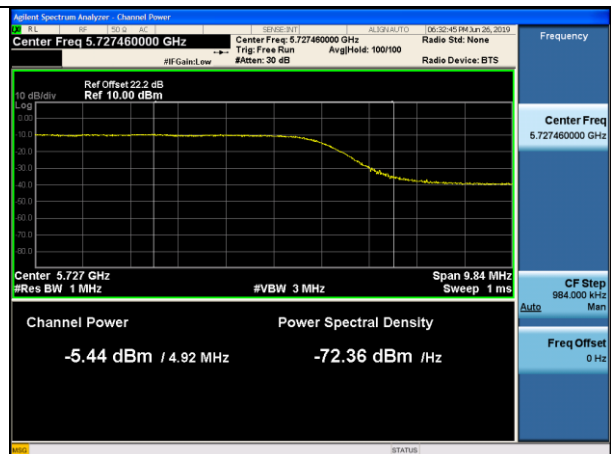
802.11n(HT40) UNII 3 Band



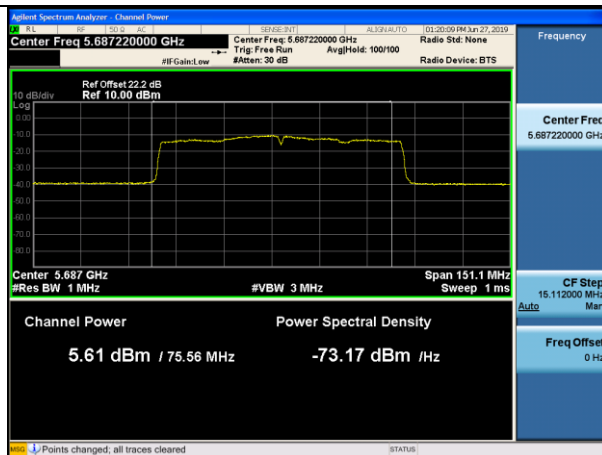
802.11ac(VHT40) UNII 2C Band



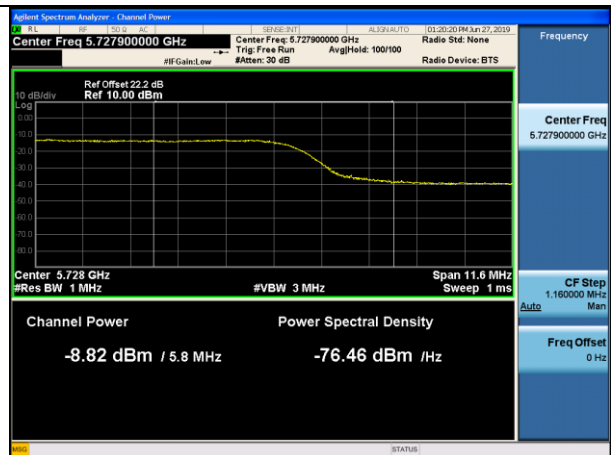
802.11ac(VHT40) UNII 3 Band



802.11ac(VHT80) UNII 2C Band



802.11ac(VHT80) UNII 3 Band



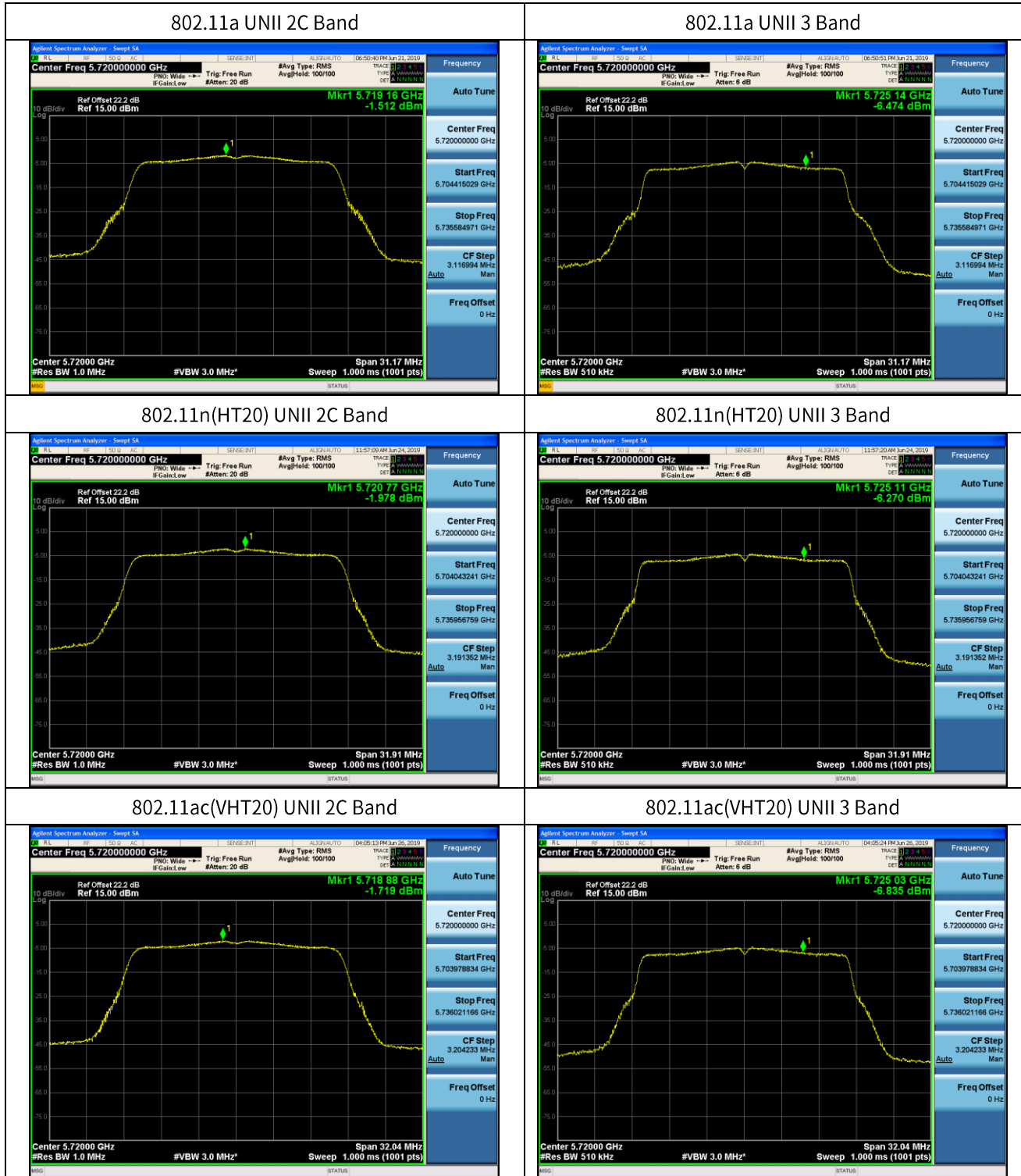
#### 10.7.4 Power Spectral Density

| Mode            | Frequency [MHz]        | Channel | Measured Density (dBm) | Duty Cycle Factor (dB) | Total PSD (dBm) | Limit (dBm) |
|-----------------|------------------------|---------|------------------------|------------------------|-----------------|-------------|
| 802.11a         | 5720<br>(UNII 2C Band) | 144     | -1.512                 | 0.205                  | -1.307          | 11.00       |
| 802.11n(HT20)   |                        |         | -1.978                 | 0.224                  | -1.754          | 11.00       |
| 802.11ac(VHT20) |                        |         | -1.719                 | 0.430                  | -1.289          | 11.00       |
| 802.11a         | 5720<br>(UNII 3 Band)  | 144     | -6.474                 | 0.205                  | -6.269          | 30.00       |
| 802.11n(HT20)   |                        |         | -6.270                 | 0.224                  | -6.046          | 30.00       |
| 802.11ac(VHT20) |                        |         | -6.835                 | 0.430                  | -6.405          | 30.00       |

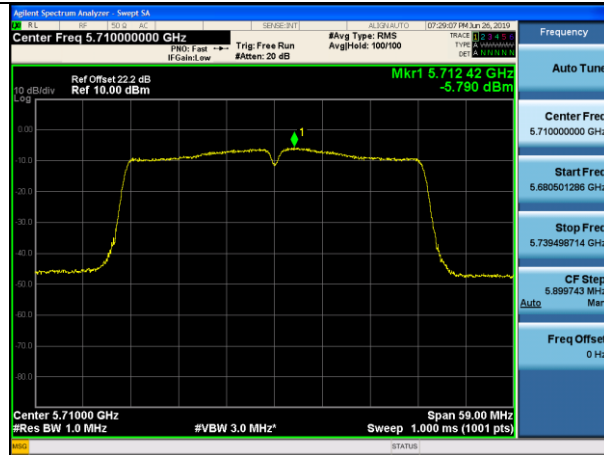
| Mode            | Frequency [MHz]        | Channel | Measured Density (dBm) | Duty Cycle Factor (dB) | Total PSD (dBm) | Limit (dBm) |
|-----------------|------------------------|---------|------------------------|------------------------|-----------------|-------------|
| 802.11n(HT40)   | 5710<br>(UNII 2C Band) | 142     | -5.790                 | 0.799                  | -4.991          | 11.00       |
| 802.11ac(VHT40) |                        |         | -6.790                 | 1.107                  | -5.683          | 11.00       |
| 802.11n(HT40)   | 5710<br>(UNII 3 Band)  | 142     | -12.082                | 0.799                  | -11.283         | 30.00       |
| 802.11ac(VHT40) |                        |         | -12.486                | 1.107                  | -11.379         | 30.00       |

| Mode            | Frequency [MHz]        | Channel | Measured Density (dBm) | Duty Cycle Factor (dB) | Total PSD (dBm) | Limit (dBm) |
|-----------------|------------------------|---------|------------------------|------------------------|-----------------|-------------|
| 802.11ac(VHT80) | 5690<br>(UNII 2C Band) | 138     | -10.049                | 1.470                  | -8.579          | 11.00       |
|                 | 5690<br>(UNII 3 Band)  | 138     | -16.168                | 1.470                  | -14.698         | 30.00       |

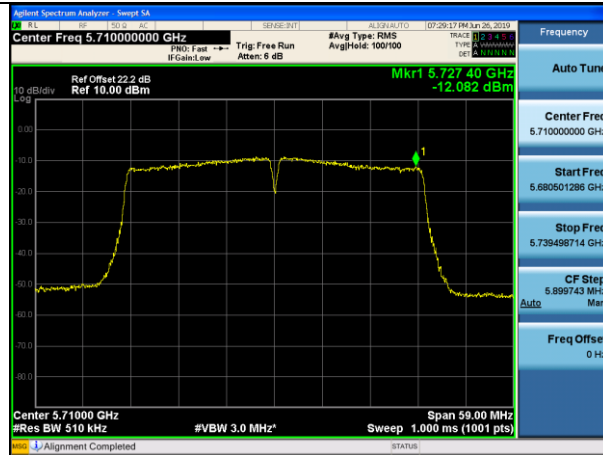
## Test Plots



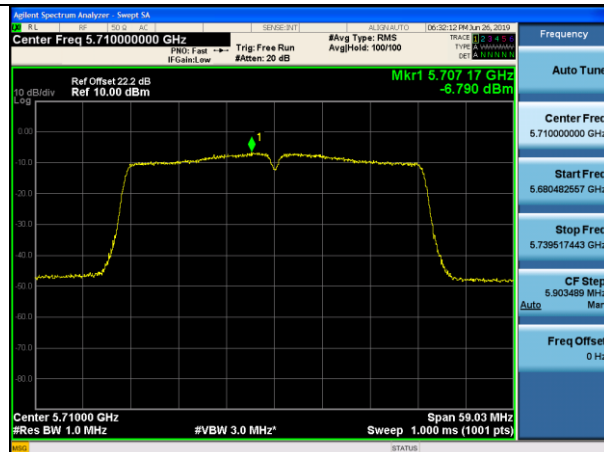
802.11n(HT40) UNII 2C Band



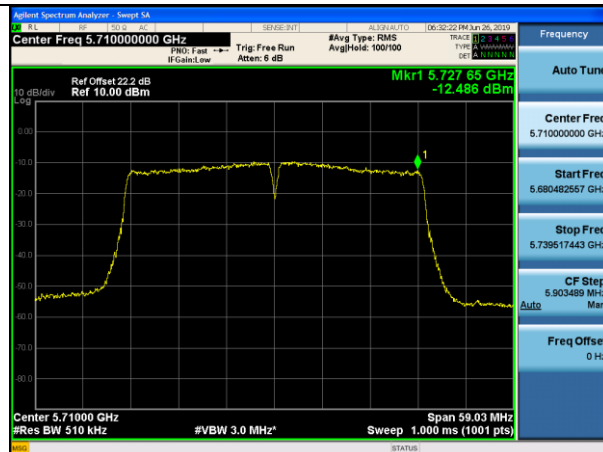
802.11n(HT40) UNII 3 Band



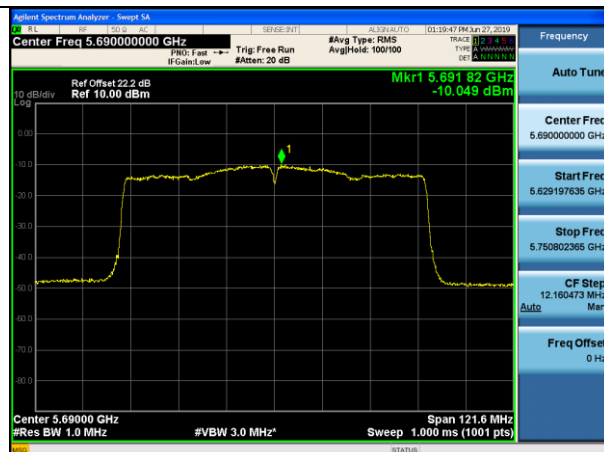
802.11ac(VHT40) UNII 2C Band



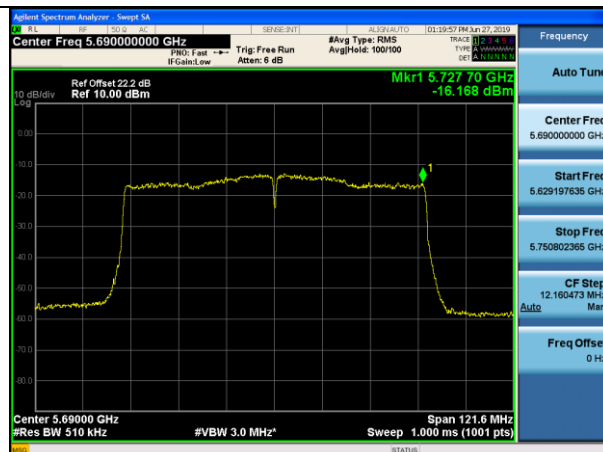
802.11ac(VHT40) UNII 3 Band



802.11ac(VHT80) UNII 2C Band



802.11ac(VHT80) UNII 3 Band





## 10.8 RADIATED SPURIOUS EMISSIONS

### Frequency Range : 9 kHz – 30MHz

| Frequency               | Reading | Ant. factor | Cable loss | Ant. POL | Total  | Limit  | Margin |
|-------------------------|---------|-------------|------------|----------|--------|--------|--------|
| MHz                     | dBuV/m  | dBm/m       | dBm        | (H/V)    | dBuV/m | dBuV/m | dB     |
| No Critical peaks found |         |             |            |          |        |        |        |

#### Note:

1. The reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
2. Distance extrapolation factor =  $40 \cdot \log(\text{specific distance} / \text{test distance})$  (dB)
3. Limit line = specific Limits (dBuV) + Distance extrapolation factor
4. The test results for below 30 MHz is correlated to an open site.  
The result on OFS is about 2 dB higher than semi-anechoic chamber(10 m chamber)

### Frequency Range : Below 1 GHz

| Frequency               | Reading | Ant. factor | Cable loss | Ant. POL | Total  | Limit  | Margin |
|-------------------------|---------|-------------|------------|----------|--------|--------|--------|
| MHz                     | dBuV/m  | dBm/m       | dBm        | (H/V)    | dBuV/m | dBuV/m | dB     |
| No Critical peaks found |         |             |            |          |        |        |        |

#### Note:

1. Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Quasi peak detector mode

### Frequency Range : Above 1 GHz

Band : UNII 1  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5180 MHz  
Channel No. 36 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10360           | 48.93        | 4.10              | V              | 53.03          | 68.20          | 15.17       | PK     |
| 15540           | 48.13        | 5.36              | V              | 53.49          | 73.98          | 20.49       | PK     |
| 15540           | 33.77        | 5.36              | V              | 39.13          | 53.98          | 14.85       | AV     |
| 10360           | 48.59        | 4.10              | H              | 52.69          | 68.20          | 15.51       | PK     |
| 15540           | 48.05        | 5.36              | H              | 53.41          | 73.98          | 20.57       | PK     |
| 15540           | 33.49        | 5.36              | H              | 38.85          | 53.98          | 15.13       | AV     |

Band : UNII 1  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5200 MHz  
Channel No. 40 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10400           | 48.77        | 3.87              | V              | 52.64          | 68.20          | 15.56       | PK     |
| 15600           | 48.18        | 4.75              | V              | 52.93          | 73.98          | 21.05       | PK     |
| 15600           | 34.18        | 4.75              | V              | 38.93          | 53.98          | 15.05       | AV     |
| 10400           | 48.59        | 3.87              | H              | 52.46          | 68.20          | 15.74       | PK     |
| 15600           | 48.05        | 4.75              | H              | 52.80          | 73.98          | 21.18       | PK     |
| 15600           | 34.05        | 4.75              | H              | 38.80          | 53.98          | 15.18       | AV     |

Band : UNII 1  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5240 MHz  
Channel No. 48 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10480           | 49.03        | 4.52              | V              | 53.55          | 68.20          | 14.65       | PK     |
| 15720           | 47.41        | 3.58              | V              | 50.99          | 73.98          | 22.99       | PK     |
| 15720           | 34.28        | 3.58              | V              | 37.86          | 53.98          | 16.12       | AV     |
| 10480           | 48.92        | 4.52              | H              | 53.44          | 68.20          | 14.76       | PK     |
| 15720           | 47.39        | 3.58              | H              | 50.97          | 73.98          | 23.01       | PK     |
| 15720           | 34.11        | 3.58              | H              | 37.69          | 53.98          | 16.29       | AV     |

Band : UNII 1  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5180 MHz  
Channel No. 36 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10360           | 48.76        | 4.10              | V              | 52.86          | 68.20          | 15.34       | PK     |
| 15540           | 48.12        | 5.36              | V              | 53.48          | 73.98          | 20.50       | PK     |
| 15540           | 33.56        | 5.36              | V              | 38.92          | 53.98          | 15.06       | AV     |
| 10360           | 48.86        | 4.10              | H              | 52.96          | 68.20          | 15.24       | PK     |
| 15540           | 48.23        | 5.36              | H              | 53.59          | 73.98          | 20.39       | PK     |
| 15540           | 33.76        | 5.36              | H              | 39.12          | 53.98          | 14.86       | AV     |

Band : UNII 1  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5200 MHz  
Channel No. 40 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10400           | 48.69        | 3.87              | V              | 52.56          | 68.20          | 15.64       | PK     |
| 15600           | 48.11        | 4.75              | V              | 52.86          | 73.98          | 21.12       | PK     |
| 15600           | 34.18        | 4.75              | V              | 38.93          | 53.98          | 15.05       | AV     |
| 10400           | 48.91        | 3.87              | H              | 52.78          | 68.20          | 15.42       | PK     |
| 15600           | 48.23        | 4.75              | H              | 52.98          | 73.98          | 21.00       | PK     |
| 15600           | 34.22        | 4.75              | H              | 38.97          | 53.98          | 15.01       | AV     |

Band : UNII 1  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5240 MHz  
Channel No. 48 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10480           | 49.05        | 4.52              | V              | 53.57          | 68.20          | 14.63       | PK     |
| 15720           | 47.36        | 3.58              | V              | 50.94          | 73.98          | 23.04       | PK     |
| 15720           | 34.18        | 3.58              | V              | 37.76          | 53.98          | 16.22       | AV     |
| 10480           | 49.10        | 4.52              | H              | 53.62          | 68.20          | 14.58       | PK     |
| 15720           | 47.50        | 3.58              | H              | 51.08          | 73.98          | 22.90       | PK     |
| 15720           | 34.22        | 3.58              | H              | 37.80          | 53.98          | 16.18       | AV     |

Band : UNII 1

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5180 MHz

Channel No. 36 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10360           | 48.68        | 4.10              | V              | 52.78          | 68.20          | 15.42       | PK     |
| 15540           | 48.05        | 5.36              | V              | 53.41          | 73.98          | 20.57       | PK     |
| 15540           | 33.68        | 5.36              | V              | 39.04          | 53.98          | 14.94       | AV     |
| 10360           | 48.77        | 4.10              | H              | 52.87          | 68.20          | 15.33       | PK     |
| 15540           | 48.12        | 5.36              | H              | 53.48          | 73.98          | 20.50       | PK     |
| 15540           | 33.75        | 5.36              | H              | 39.11          | 53.98          | 14.87       | AV     |

Band : UNII 1

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5200 MHz

Channel No. 40 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10400           | 48.51        | 3.87              | V              | 52.38          | 68.20          | 15.82       | PK     |
| 15600           | 48.28        | 4.75              | V              | 53.03          | 73.98          | 20.95       | PK     |
| 15600           | 34.05        | 4.75              | V              | 38.80          | 53.98          | 15.18       | AV     |
| 10400           | 48.58        | 3.87              | H              | 52.45          | 68.20          | 15.75       | PK     |
| 15600           | 48.31        | 4.75              | H              | 53.06          | 73.98          | 20.92       | PK     |
| 15600           | 34.18        | 4.75              | H              | 38.93          | 53.98          | 15.05       | AV     |

Band : UNII 1

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5240 MHz

Channel No. 48 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10480           | 48.87        | 4.52              | V              | 53.39          | 68.20          | 14.81       | PK     |
| 15720           | 47.35        | 3.58              | V              | 50.93          | 73.98          | 23.05       | PK     |
| 15720           | 34.11        | 3.58              | V              | 37.69          | 53.98          | 16.29       | AV     |
| 10480           | 48.94        | 4.52              | H              | 53.46          | 68.20          | 14.74       | PK     |
| 15720           | 47.48        | 3.58              | H              | 51.06          | 73.98          | 22.92       | PK     |
| 15720           | 34.28        | 3.58              | H              | 37.86          | 53.98          | 16.12       | AV     |

Band : UNII 1

Operation Mode: 802.11 n(HT40)

Transfer MCS Index: MCS0

Operating Frequency 5190 MHz

Channel No. 38 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10380           | 48.51        | 4.09              | V              | 52.60          | 68.20          | 15.60       | PK     |
| 15570           | 47.95        | 4.73              | V              | 52.68          | 73.98          | 21.30       | PK     |
| 15570           | 33.68        | 4.73              | V              | 38.41          | 53.98          | 15.57       | AV     |
| 10380           | 48.69        | 4.09              | H              | 52.78          | 68.20          | 15.42       | PK     |
| 15570           | 48.09        | 4.73              | H              | 52.82          | 73.98          | 21.16       | PK     |
| 15570           | 33.72        | 4.73              | H              | 38.45          | 53.98          | 15.53       | AV     |

Band : UNII 1  
Operation Mode: 802.11 n(HT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5230 MHz  
Channel No. 46 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10460           | 48.55        | 4.54              | V              | 53.09          | 68.20          | 15.11       | PK     |
| 15690           | 48.26        | 3.69              | V              | 51.95          | 73.98          | 22.03       | PK     |
| 15690           | 34.86        | 3.69              | V              | 38.55          | 53.98          | 15.43       | AV     |
| 10460           | 48.61        | 4.54              | H              | 53.15          | 68.20          | 15.05       | PK     |
| 15690           | 48.45        | 3.69              | H              | 52.14          | 73.98          | 21.84       | PK     |
| 15690           | 34.87        | 3.69              | H              | 38.56          | 53.98          | 15.42       | AV     |

Band : UNII 1  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5190 MHz  
Channel No. 38 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10380           | 48.55        | 4.09              | V              | 52.64          | 68.20          | 15.56       | PK     |
| 15570           | 48.02        | 4.73              | V              | 52.75          | 73.98          | 21.23       | PK     |
| 15570           | 33.58        | 4.73              | V              | 38.31          | 53.98          | 15.67       | AV     |
| 10380           | 48.58        | 4.09              | H              | 52.67          | 68.20          | 15.53       | PK     |
| 15570           | 48.10        | 4.73              | H              | 52.83          | 73.98          | 21.15       | PK     |
| 15570           | 33.66        | 4.73              | H              | 38.39          | 53.98          | 15.59       | AV     |

Band : UNII 1  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5230 MHz  
Channel No. 46 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10460           | 48.56        | 4.54              | V              | 53.10          | 68.20          | 15.10       | PK     |
| 15690           | 48.17        | 3.69              | V              | 51.86          | 73.98          | 22.12       | PK     |
| 15690           | 34.52        | 3.69              | V              | 38.21          | 53.98          | 15.77       | AV     |
| 10460           | 48.57        | 4.54              | H              | 53.11          | 68.20          | 15.09       | PK     |
| 15690           | 48.39        | 3.69              | H              | 52.08          | 73.98          | 21.90       | PK     |
| 15690           | 34.65        | 3.69              | H              | 38.34          | 53.98          | 15.64       | AV     |

Band : UNII 1  
Operation Mode: 802.11 ac(VHT80)  
Transfer MCS Index: MCS0  
Operating Frequency 5210 MHz  
Channel No. 42 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10420           | 47.91        | 3.79              | V              | 51.70          | 68.20          | 16.50       | PK     |
| 15630           | 48.55        | 4.02              | V              | 52.57          | 73.98          | 21.41       | PK     |
| 15630           | 36.94        | 4.02              | V              | 40.96          | 53.98          | 13.02       | AV     |
| 10420           | 48.04        | 3.79              | H              | 51.83          | 68.20          | 16.37       | PK     |
| 15630           | 48.64        | 4.02              | H              | 52.66          | 73.98          | 21.32       | PK     |
| 15630           | 37.00        | 4.02              | H              | 41.02          | 53.98          | 12.96       | AV     |



Band : UNII 2A  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5260 MHz  
Channel No. 52 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10520           | 49.12        | 4.70              | V              | 53.82          | 68.20          | 14.38       | PK     |
| 15780           | 47.06        | 3.76              | V              | 50.82          | 73.98          | 23.16       | PK     |
| 15780           | 33.49        | 3.76              | V              | 37.25          | 53.98          | 16.73       | AV     |
| 10520           | 49.20        | 4.70              | H              | 53.90          | 68.20          | 14.30       | PK     |
| 15780           | 47.18        | 3.76              | H              | 50.94          | 73.98          | 23.04       | PK     |
| 15780           | 33.84        | 3.76              | H              | 37.60          | 53.98          | 16.38       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5300 MHz  
Channel No. 60 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10600           | 48.52        | 4.27              | V              | 52.79          | 73.98          | 21.19       | PK     |
| 10600           | 35.58        | 4.27              | V              | 39.85          | 53.98          | 14.13       | AV     |
| 15900           | 47.16        | 4.58              | V              | 51.74          | 73.98          | 22.24       | PK     |
| 15900           | 33.41        | 4.58              | V              | 37.99          | 53.98          | 15.99       | AV     |
| 10600           | 48.63        | 4.27              | H              | 52.90          | 73.98          | 21.08       | PK     |
| 10600           | 35.61        | 4.27              | H              | 39.88          | 53.98          | 14.10       | AV     |
| 15900           | 47.55        | 4.58              | H              | 52.13          | 73.98          | 21.85       | PK     |
| 15900           | 33.57        | 4.58              | H              | 38.15          | 53.98          | 15.83       | AV     |

Band : UNII 2A

Operation Mode: 802.11 a

Transfer Rate: 6 Mbps

Operating Frequency 5320 MHz

Channel No. 64 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10640           | 48.47        | 4.40              | V              | 52.87          | 73.98          | 21.11       | PK     |
| 10640           | 34.98        | 4.40              | V              | 39.38          | 53.98          | 14.60       | AV     |
| 15960           | 48.05        | 4.03              | V              | 52.08          | 73.98          | 21.90       | PK     |
| 15960           | 33.39        | 4.03              | V              | 37.42          | 53.98          | 16.56       | AV     |
| 10640           | 48.69        | 4.40              | H              | 53.09          | 73.98          | 20.89       | PK     |
| 10640           | 35.44        | 4.40              | H              | 39.84          | 53.98          | 14.14       | AV     |
| 15960           | 48.06        | 4.03              | H              | 52.09          | 73.98          | 21.89       | PK     |
| 15960           | 33.71        | 4.03              | H              | 37.74          | 53.98          | 16.24       | AV     |

Band : UNII 2A

Operation Mode: 802.11 n(HT20)

Transfer MCS Index: MCS0

Operating Frequency 5260 MHz

Channel No. 52 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10520           | 48.93        | 4.70              | V              | 53.63          | 68.20          | 14.57       | PK     |
| 15780           | 47.15        | 3.76              | V              | 50.91          | 73.98          | 23.07       | PK     |
| 15780           | 33.58        | 3.76              | V              | 37.34          | 53.98          | 16.64       | AV     |
| 10520           | 49.14        | 4.70              | H              | 53.84          | 68.20          | 14.36       | PK     |
| 15780           | 47.22        | 3.76              | H              | 50.98          | 73.98          | 23.00       | PK     |
| 15780           | 33.79        | 3.76              | H              | 37.55          | 53.98          | 16.43       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5300 MHz  
Channel No. 60 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10600           | 48.61        | 4.27              | V              | 52.88          | 73.98          | 21.10       | PK     |
| 10600           | 35.45        | 4.27              | V              | 39.72          | 53.98          | 14.26       | AV     |
| 15900           | 47.28        | 4.58              | V              | 51.86          | 73.98          | 22.12       | PK     |
| 15900           | 33.36        | 4.58              | V              | 37.94          | 53.98          | 16.04       | AV     |
| 10600           | 48.69        | 4.27              | H              | 52.96          | 73.98          | 21.02       | PK     |
| 10600           | 35.58        | 4.27              | H              | 39.85          | 53.98          | 14.13       | AV     |
| 15900           | 47.60        | 4.58              | H              | 52.18          | 73.98          | 21.80       | PK     |
| 15900           | 33.52        | 4.58              | H              | 38.10          | 53.98          | 15.88       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5320 MHz  
Channel No. 64 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10640           | 48.35        | 4.40              | V              | 52.75          | 73.98          | 21.23       | PK     |
| 10640           | 35.28        | 4.40              | V              | 39.68          | 53.98          | 14.30       | AV     |
| 15960           | 48.05        | 4.03              | V              | 52.08          | 73.98          | 21.90       | PK     |
| 15960           | 33.48        | 4.03              | V              | 37.51          | 53.98          | 16.47       | AV     |
| 10640           | 48.58        | 4.40              | H              | 52.98          | 73.98          | 21.00       | PK     |
| 10640           | 35.39        | 4.40              | H              | 39.79          | 53.98          | 14.19       | AV     |
| 15960           | 48.10        | 4.03              | H              | 52.13          | 73.98          | 21.85       | PK     |
| 15960           | 33.68        | 4.03              | H              | 37.71          | 53.98          | 16.27       | AV     |

Band : UNII 2A

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5260MHz

Channel No. 52 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10520           | 48.76        | 4.70              | V              | 53.46          | 68.20          | 14.74       | PK     |
| 15780           | 47.11        | 3.76              | V              | 50.87          | 73.98          | 23.11       | PK     |
| 15780           | 33.65        | 3.76              | V              | 37.41          | 53.98          | 16.57       | AV     |
| 10520           | 48.91        | 4.70              | H              | 53.61          | 68.20          | 14.59       | PK     |
| 15780           | 47.17        | 3.76              | H              | 50.93          | 73.98          | 23.05       | PK     |
| 15780           | 33.76        | 3.76              | H              | 37.52          | 53.98          | 16.46       | AV     |

Band : UNII 2A

Operation Mode: 802.11 ac(VHT20)

Transfer MCS Index: MCS0

Operating Frequency 5300 MHz

Channel No. 60 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10600           | 48.22        | 4.27              | V              | 52.49          | 73.98          | 21.49       | PK     |
| 10600           | 34.95        | 4.27              | V              | 39.22          | 53.98          | 14.76       | AV     |
| 15900           | 47.61        | 4.58              | V              | 52.19          | 73.98          | 21.79       | PK     |
| 15900           | 33.28        | 4.58              | V              | 37.86          | 53.98          | 16.12       | AV     |
| 10600           | 48.54        | 4.27              | H              | 52.81          | 73.98          | 21.17       | PK     |
| 10600           | 35.44        | 4.27              | H              | 39.71          | 53.98          | 14.27       | AV     |
| 15900           | 47.71        | 4.58              | H              | 52.29          | 73.98          | 21.69       | PK     |
| 15900           | 33.47        | 4.58              | H              | 38.05          | 53.98          | 15.93       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 ac(VHT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5320 MHz  
Channel No. 64 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10640           | 48.18        | 4.40              | V              | 52.58          | 73.98          | 21.40       | PK     |
| 10640           | 35.21        | 4.40              | V              | 39.61          | 53.98          | 14.37       | AV     |
| 15960           | 48.01        | 4.03              | V              | 52.04          | 73.98          | 21.94       | PK     |
| 15960           | 33.24        | 4.03              | V              | 37.27          | 53.98          | 16.71       | AV     |
| 10640           | 48.37        | 4.40              | H              | 52.77          | 73.98          | 21.21       | PK     |
| 10640           | 35.40        | 4.40              | H              | 39.80          | 53.98          | 14.18       | AV     |
| 15960           | 48.04        | 4.03              | H              | 52.07          | 73.98          | 21.91       | PK     |
| 15960           | 33.29        | 4.03              | H              | 37.32          | 53.98          | 16.66       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 n(HT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5270 MHz  
Channel No. 54 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10540           | 35.46        | 5.03              | V              | 40.49          | 68.20          | 27.71       | PK     |
| 15810           | 46.73        | 4.69              | V              | 51.42          | 73.98          | 22.56       | PK     |
| 15810           | 34.29        | 4.69              | V              | 38.98          | 53.98          | 15.00       | AV     |
| 10540           | 35.67        | 5.03              | H              | 40.70          | 68.20          | 27.50       | PK     |
| 15810           | 46.84        | 4.69              | H              | 51.53          | 73.98          | 22.45       | PK     |
| 15810           | 34.41        | 4.69              | H              | 39.10          | 53.98          | 14.88       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 n(HT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5310 MHz  
Channel No. 62 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10620           | 48.13        | 4.92              | V              | 53.05          | 73.98          | 20.93       | PK     |
| 10620           | 35.68        | 4.92              | V              | 40.60          | 53.98          | 13.38       | AV     |
| 15930           | 46.83        | 4.50              | V              | 51.33          | 73.98          | 22.65       | PK     |
| 15930           | 34.29        | 4.50              | V              | 38.79          | 53.98          | 15.19       | AV     |
| 10620           | 48.33        | 4.92              | H              | 53.25          | 73.98          | 20.73       | PK     |
| 10620           | 35.72        | 4.92              | H              | 40.64          | 53.98          | 13.34       | AV     |
| 15930           | 46.93        | 4.50              | H              | 51.43          | 73.98          | 22.55       | PK     |
| 15930           | 34.45        | 4.50              | H              | 38.95          | 53.98          | 15.03       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5270 MHz  
Channel No. 54 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10540           | 35.65        | 5.03              | V              | 40.68          | 68.20          | 27.52       | PK     |
| 15810           | 46.57        | 4.69              | V              | 51.26          | 73.98          | 22.72       | PK     |
| 15810           | 34.39        | 4.69              | V              | 39.08          | 53.98          | 14.90       | AV     |
| 10540           | 35.74        | 5.03              | H              | 40.77          | 68.20          | 27.43       | PK     |
| 15810           | 46.69        | 4.69              | H              | 51.38          | 73.98          | 22.60       | PK     |
| 15810           | 34.52        | 4.69              | H              | 39.21          | 53.98          | 14.77       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5310 MHz  
Channel No. 62 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10620           | 48.14        | 4.92              | V              | 53.06          | 73.98          | 20.92       | PK     |
| 10620           | 35.45        | 4.92              | V              | 40.37          | 53.98          | 13.61       | AV     |
| 15930           | 46.69        | 4.50              | V              | 51.19          | 73.98          | 22.79       | PK     |
| 15930           | 34.76        | 4.50              | V              | 39.26          | 53.98          | 14.72       | AV     |
| 10620           | 48.26        | 4.92              | H              | 53.18          | 73.98          | 20.80       | PK     |
| 10620           | 35.68        | 4.92              | H              | 40.60          | 53.98          | 13.38       | AV     |
| 15930           | 46.88        | 4.50              | H              | 51.38          | 73.98          | 22.60       | PK     |
| 15930           | 34.86        | 4.50              | H              | 39.36          | 53.98          | 14.62       | AV     |

Band : UNII 2A  
Operation Mode: 802.11 ac(VHT80)  
Transfer MCS Index: MCS0  
Operating Frequency 5290 MHz  
Channel No. 58 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 10580           | 48.67        | 4.02              | V              | 52.69          | 68.20          | 15.51       | PK     |
| 15870           | 46.77        | 5.51              | V              | 52.28          | 73.98          | 21.70       | PK     |
| 15870           | 35.58        | 5.51              | V              | 41.09          | 53.98          | 12.89       | AV     |
| 10580           | 48.83        | 4.02              | H              | 52.85          | 68.20          | 15.35       | PK     |
| 15870           | 46.93        | 5.51              | H              | 52.44          | 73.98          | 21.54       | PK     |
| 15870           | 35.89        | 5.51              | H              | 41.40          | 53.98          | 12.58       | AV     |

Band : UNII 2C  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5500 MHz  
Channel No. 100 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11000           | 47.81        | 4.29              | V              | 52.10          | 73.98          | 21.88       | PK     |
| 11000           | 34.30        | 4.29              | V              | 38.59          | 53.98          | 15.39       | AV     |
| 16500           | 47.60        | 6.22              | V              | 53.82          | 68.20          | 14.38       | PK     |
| 11000           | 47.46        | 4.29              | H              | 51.75          | 73.98          | 22.23       | PK     |
| 11000           | 34.15        | 4.29              | H              | 38.44          | 53.98          | 15.54       | AV     |
| 16500           | 47.50        | 6.22              | H              | 53.72          | 68.20          | 14.48       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5580 MHz  
Channel No. 116 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11160           | 49.08        | 4.28              | V              | 53.36          | 73.98          | 20.62       | PK     |
| 11160           | 34.92        | 4.28              | V              | 39.20          | 53.98          | 14.78       | AV     |
| 16740           | 45.67        | 7.73              | V              | 53.40          | 68.20          | 14.80       | PK     |
| 11160           | 48.88        | 4.28              | H              | 53.16          | 73.98          | 20.82       | PK     |
| 11160           | 34.81        | 4.28              | H              | 39.09          | 53.98          | 14.89       | AV     |
| 16740           | 45.61        | 7.73              | H              | 53.34          | 68.20          | 14.86       | PK     |



Band : UNII 2C  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5720 MHz  
Channel No. 144 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11440           | 49.00        | 4.38              | V              | 53.38          | 73.98          | 20.60       | PK     |
| 11440           | 34.46        | 4.38              | V              | 38.84          | 53.98          | 15.14       | AV     |
| 17160           | 47.19        | 8.77              | V              | 55.96          | 68.20          | 12.24       | PK     |
| 11440           | 48.84        | 4.38              | H              | 53.22          | 73.98          | 20.76       | PK     |
| 11440           | 34.39        | 4.38              | H              | 38.77          | 53.98          | 15.21       | AV     |
| 17160           | 47.05        | 8.77              | H              | 55.82          | 68.20          | 12.38       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5500 MHz  
Channel No. 100 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11000           | 47.69        | 4.29              | V              | 51.98          | 73.98          | 22.00       | PK     |
| 11000           | 34.11        | 4.29              | V              | 38.40          | 53.98          | 15.58       | AV     |
| 16500           | 47.25        | 6.22              | V              | 53.47          | 68.20          | 14.73       | PK     |
| 11000           | 47.99        | 4.29              | H              | 52.28          | 73.98          | 21.70       | PK     |
| 11000           | 34.23        | 4.29              | H              | 38.52          | 53.98          | 15.46       | AV     |
| 16500           | 47.31        | 6.22              | H              | 53.53          | 68.20          | 14.67       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5580 MHz  
Channel No. 116 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11160           | 48.94        | 4.28              | V              | 53.22          | 73.98          | 20.76       | PK     |
| 11160           | 34.55        | 4.28              | V              | 38.83          | 53.98          | 15.15       | AV     |
| 16740           | 45.81        | 7.73              | V              | 53.54          | 68.20          | 14.66       | PK     |
| 11160           | 49.10        | 4.28              | H              | 53.38          | 73.98          | 20.60       | PK     |
| 11160           | 34.91        | 4.28              | H              | 39.19          | 53.98          | 14.79       | AV     |
| 16740           | 45.96        | 7.73              | H              | 53.69          | 68.20          | 14.51       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5720 MHz  
Channel No. 144 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11440           | 48.88        | 4.38              | V              | 53.26          | 73.98          | 20.72       | PK     |
| 11440           | 34.28        | 4.38              | V              | 38.66          | 53.98          | 15.32       | AV     |
| 17160           | 47.01        | 8.77              | V              | 55.78          | 68.20          | 12.42       | PK     |
| 11440           | 48.90        | 4.38              | H              | 53.28          | 73.98          | 20.70       | PK     |
| 11440           | 34.39        | 4.38              | H              | 38.77          | 53.98          | 15.21       | AV     |
| 17160           | 47.06        | 8.77              | H              | 55.83          | 68.20          | 12.37       | PK     |

Band : UNII 2C  
 Operation Mode: 802.11 ac(VHT20)  
 Transfer MCS Index: MCS0  
 Operating Frequency: 5500 MHz  
 Channel No. 100 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11000           | 47.69        | 4.29              | V              | 51.98          | 73.98          | 22.00       | PK     |
| 11000           | 34.18        | 4.29              | V              | 38.47          | 53.98          | 15.51       | AV     |
| 16500           | 47.07        | 6.22              | V              | 53.29          | 68.20          | 14.91       | PK     |
| 11000           | 47.80        | 4.29              | H              | 52.09          | 73.98          | 21.89       | PK     |
| 11000           | 34.21        | 4.29              | H              | 38.50          | 53.98          | 15.48       | AV     |
| 16500           | 47.23        | 6.22              | H              | 53.45          | 68.20          | 14.75       | PK     |

Band : UNII 2C  
 Operation Mode: 802.11 ac(VHT20)  
 Transfer MCS Index: MCS0  
 Operating Frequency: 5580 MHz  
 Channel No. 116 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11160           | 48.87        | 4.28              | V              | 53.15          | 73.98          | 20.83       | PK     |
| 11160           | 34.71        | 4.28              | V              | 38.99          | 53.98          | 14.99       | AV     |
| 16740           | 45.39        | 7.73              | V              | 53.12          | 68.20          | 15.08       | PK     |
| 11160           | 49.05        | 4.28              | H              | 53.33          | 73.98          | 20.65       | PK     |
| 11160           | 34.79        | 4.28              | H              | 39.07          | 53.98          | 14.91       | AV     |
| 16740           | 45.84        | 7.73              | H              | 53.57          | 68.20          | 14.63       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 ac(VHT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5720 MHz  
Channel No. 144 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11440           | 48.69        | 4.38              | V              | 53.07          | 73.98          | 20.91       | PK     |
| 11440           | 34.52        | 4.38              | V              | 38.90          | 53.98          | 15.08       | AV     |
| 17160           | 47.77        | 8.77              | V              | 56.54          | 68.20          | 11.66       | PK     |
| 11440           | 48.78        | 4.38              | H              | 53.16          | 73.98          | 20.82       | PK     |
| 11440           | 34.55        | 4.38              | H              | 38.93          | 53.98          | 15.05       | AV     |
| 17160           | 48.06        | 8.77              | H              | 56.83          | 68.20          | 11.37       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 n(HT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5510 MHz  
Channel No. 102 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11020           | 47.54        | 4.58              | V              | 52.12          | 73.98          | 21.86       | PK     |
| 11020           | 34.18        | 4.58              | V              | 38.76          | 53.98          | 15.22       | AV     |
| 16530           | 47.21        | 6.22              | V              | 53.43          | 68.20          | 14.77       | PK     |
| 11020           | 47.73        | 4.58              | H              | 52.31          | 73.98          | 21.67       | PK     |
| 11020           | 34.26        | 4.58              | H              | 38.84          | 53.98          | 15.14       | AV     |
| 16530           | 47.33        | 6.22              | H              | 53.55          | 68.20          | 14.65       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 n(HT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5550 MHz  
Channel No. 110 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11100           | 48.96        | 5.04              | V              | 54.00          | 73.98          | 19.98       | PK     |
| 11100           | 34.69        | 5.04              | V              | 39.73          | 53.98          | 14.25       | AV     |
| 16650           | 45.66        | 7.21              | V              | 52.87          | 68.20          | 15.33       | PK     |
| 11100           | 49.06        | 5.04              | H              | 54.10          | 73.98          | 19.88       | PK     |
| 11100           | 34.81        | 5.04              | H              | 39.85          | 53.98          | 14.13       | AV     |
| 16650           | 45.76        | 7.21              | H              | 52.97          | 68.20          | 15.23       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 n(HT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5710 MHz  
Channel No. 142 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11420           | 48.74        | 4.11              | V              | 52.85          | 73.98          | 21.13       | PK     |
| 11420           | 34.38        | 4.11              | V              | 38.49          | 53.98          | 15.49       | AV     |
| 17130           | 47.86        | 7.70              | V              | 55.56          | 68.20          | 12.64       | PK     |
| 11420           | 48.83        | 4.11              | H              | 52.94          | 73.98          | 21.04       | PK     |
| 11420           | 34.49        | 4.11              | H              | 38.60          | 53.98          | 15.38       | AV     |
| 17130           | 48.10        | 7.70              | H              | 55.80          | 68.20          | 12.40       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5510 MHz  
Channel No. 102 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11020           | 47.51        | 4.58              | V              | 52.09          | 73.98          | 21.89       | PK     |
| 11020           | 34.18        | 4.58              | V              | 38.76          | 53.98          | 15.22       | AV     |
| 16530           | 47.06        | 6.22              | V              | 53.28          | 68.20          | 14.92       | PK     |
| 11020           | 47.59        | 4.58              | H              | 52.17          | 73.98          | 21.81       | PK     |
| 11020           | 34.21        | 4.58              | H              | 38.79          | 53.98          | 15.19       | AV     |
| 16530           | 47.12        | 6.22              | H              | 53.34          | 68.20          | 14.86       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5550 MHz  
Channel No. 110 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11100           | 48.68        | 5.04              | V              | 53.72          | 73.98          | 20.26       | PK     |
| 11100           | 34.56        | 5.04              | V              | 39.60          | 53.98          | 14.38       | AV     |
| 16650           | 45.76        | 7.21              | V              | 52.97          | 68.20          | 15.23       | PK     |
| 11100           | 48.86        | 5.04              | H              | 53.90          | 73.98          | 20.08       | PK     |
| 11100           | 34.73        | 5.04              | H              | 39.77          | 53.98          | 14.21       | AV     |
| 16650           | 45.91        | 7.21              | H              | 53.12          | 68.20          | 15.08       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5710 MHz  
Channel No. 142 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11420           | 48.58        | 4.11              | V              | 52.69          | 73.98          | 21.29       | PK     |
| 11420           | 34.36        | 4.11              | V              | 38.47          | 53.98          | 15.51       | AV     |
| 17130           | 47.96        | 7.70              | V              | 55.66          | 68.20          | 12.54       | PK     |
| 11420           | 48.73        | 4.11              | H              | 52.84          | 73.98          | 21.14       | PK     |
| 11420           | 34.50        | 4.11              | H              | 38.61          | 53.98          | 15.37       | AV     |
| 17130           | 48.06        | 7.70              | H              | 55.76          | 68.20          | 12.44       | PK     |

Band : UNII 2C  
Operation Mode: 802.11 ac(VHT80)  
Transfer MCS Index: MCS0  
Operating Frequency 5530 MHz  
Channel No. 106 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11060           | 48.31        | 4.97              | V              | 53.28          | 73.98          | 20.70       | PK     |
| 11060           | 34.56        | 4.97              | V              | 39.53          | 53.98          | 14.45       | AV     |
| 16590           | 47.56        | 6.79              | V              | 54.35          | 68.20          | 13.85       | PK     |
| 11060           | 48.48        | 4.97              | H              | 53.45          | 73.98          | 20.53       | PK     |
| 11060           | 34.86        | 4.97              | H              | 39.83          | 53.98          | 14.15       | AV     |
| 16590           | 47.60        | 6.79              | H              | 54.39          | 68.20          | 13.81       | PK     |

Band : UNII 2C  
 Operation Mode: 802.11 ac(VHT80)  
 Transfer MCS Index: MCS0  
 Operating Frequency 5690 MHz  
 Channel No. 138 Ch

| Frequency<br>[MHz] | Reading<br>dBuV | AN.+CL-AMP G<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|----------------------|-------------------|-------------------|-------------------|----------------|--------|
| 11380              | 48.13           | 4.20                 | V                 | 52.33             | 73.98             | 21.65          | PK     |
| 11380              | 34.86           | 4.20                 | V                 | 39.06             | 53.98             | 14.92          | AV     |
| 17070              | 46.18           | 8.73                 | V                 | 54.91             | 68.20             | 13.29          | PK     |
| 11380              | 48.24           | 4.20                 | H                 | 52.44             | 73.98             | 21.54          | PK     |
| 11380              | 35.01           | 4.20                 | H                 | 39.21             | 53.98             | 14.77          | AV     |
| 17070              | 46.21           | 8.73                 | H                 | 54.94             | 68.20             | 13.26          | PK     |



Band : UNII 3  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5745MHz  
Channel No. 149 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11490           | 47.56        | 4.19              | V              | 51.75          | 73.98          | 22.23       | PK     |
| 11490           | 34.22        | 4.19              | V              | 38.41          | 53.98          | 15.57       | AV     |
| 17235           | 51.36        | 9.09              | V              | 60.45          | 68.20          | 7.75        | PK     |
| 11490           | 47.70        | 4.19              | H              | 51.89          | 73.98          | 22.09       | PK     |
| 11490           | 34.48        | 4.19              | H              | 38.67          | 53.98          | 15.31       | AV     |
| 17235           | 51.62        | 9.09              | H              | 60.71          | 68.20          | 7.49        | PK     |

Band : UNII 3  
Operation Mode: 802.11 a  
Transfer Rate: 6 Mbps  
Operating Frequency 5785 MHz  
Channel No. 157 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11570           | 47.12        | 4.83              | V              | 51.95          | 73.98          | 22.03       | PK     |
| 11570           | 34.55        | 4.83              | V              | 39.38          | 53.98          | 14.60       | AV     |
| 17355           | 50.05        | 9.81              | V              | 59.86          | 68.20          | 8.34        | PK     |
| 11570           | 47.33        | 4.83              | H              | 52.16          | 73.98          | 21.82       | PK     |
| 11570           | 34.61        | 4.83              | H              | 39.44          | 53.98          | 14.54       | AV     |
| 17355           | 50.12        | 9.81              | H              | 59.93          | 68.20          | 8.27        | PK     |

Band : UNII 3

Operation Mode: 802.11 a

Transfer Rate: 6 Mbps

Operating Frequency 5825 MHz

Channel No. 165 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11650           | 49.22        | 3.70              | V              | 52.92          | 73.98          | 21.06       | PK     |
| 11650           | 38.16        | 3.70              | V              | 41.86          | 53.98          | 12.12       | AV     |
| 17475           | 47.56        | 10.25             | V              | 57.81          | 68.20          | 10.39       | PK     |
| 11650           | 49.34        | 3.70              | H              | 53.04          | 73.98          | 20.94       | PK     |
| 11650           | 38.34        | 3.70              | H              | 42.04          | 53.98          | 11.94       | AV     |
| 17475           | 47.70        | 10.25             | H              | 57.95          | 68.20          | 10.25       | PK     |

Band : UNII 3

Operation Mode: 802.11 n(HT20)

Transfer MCS Index: MCS0

Operating Frequency 5745MHz

Channel No. 149 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11490           | 47.56        | 4.19              | V              | 51.75          | 73.98          | 22.23       | PK     |
| 11490           | 34.28        | 4.19              | V              | 38.47          | 53.98          | 15.51       | AV     |
| 17235           | 52.44        | 9.09              | V              | 61.53          | 68.20          | 6.67        | PK     |
| 11490           | 47.90        | 4.19              | H              | 52.09          | 73.98          | 21.89       | PK     |
| 11490           | 34.43        | 4.19              | H              | 38.62          | 53.98          | 15.36       | AV     |
| 17235           | 52.83        | 9.09              | H              | 61.92          | 68.20          | 6.28        | PK     |

Band : UNII 3  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5785 MHz  
Channel No. 157 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11570           | 46.89        | 4.83              | V              | 51.72          | 73.98          | 22.26       | PK     |
| 11570           | 34.58        | 4.83              | V              | 39.41          | 53.98          | 14.57       | AV     |
| 17355           | 50.10        | 9.81              | V              | 59.91          | 68.20          | 8.29        | PK     |
| 11570           | 47.21        | 4.83              | H              | 52.04          | 73.98          | 21.94       | PK     |
| 11570           | 34.70        | 4.83              | H              | 39.53          | 53.98          | 14.45       | AV     |
| 17355           | 50.55        | 9.81              | H              | 60.36          | 68.20          | 7.84        | PK     |

Band : UNII 3  
Operation Mode: 802.11 n(HT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5825 MHz  
Channel No. 165 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11650           | 49.69        | 3.70              | V              | 53.39          | 73.98          | 20.59       | PK     |
| 11650           | 38.75        | 3.70              | V              | 42.45          | 53.98          | 11.53       | AV     |
| 17475           | 47.58        | 10.25             | V              | 57.83          | 68.20          | 10.37       | PK     |
| 11650           | 50.10        | 3.70              | H              | 53.80          | 73.98          | 20.18       | PK     |
| 11650           | 38.89        | 3.70              | H              | 42.59          | 53.98          | 11.39       | AV     |
| 17475           | 47.93        | 10.25             | H              | 58.18          | 68.20          | 10.02       | PK     |

Band : UNII 3  
Operation Mode: 802.11 ac(VHT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5745MHz  
Channel No. 149 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11490           | 47.86        | 4.19              | V              | 52.05          | 73.98          | 21.93       | PK     |
| 11490           | 34.48        | 4.19              | V              | 38.67          | 53.98          | 15.31       | AV     |
| 17235           | 53.74        | 9.09              | V              | 62.83          | 68.20          | 5.37        | PK     |
| 11490           | 48.00        | 4.19              | H              | 52.19          | 73.98          | 21.79       | PK     |
| 11490           | 34.53        | 4.19              | H              | 38.72          | 53.98          | 15.26       | AV     |
| 17235           | 53.90        | 9.09              | H              | 62.99          | 68.20          | 5.21        | PK     |

Band : UNII 3  
Operation Mode: 802.11 ac(VHT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5785 MHz  
Channel No. 157 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11570           | 47.12        | 4.83              | V              | 51.95          | 73.98          | 22.03       | PK     |
| 11570           | 34.69        | 4.83              | V              | 39.52          | 53.98          | 14.46       | AV     |
| 17355           | 50.58        | 9.81              | V              | 60.39          | 68.20          | 7.81        | PK     |
| 11570           | 47.19        | 4.83              | H              | 52.02          | 73.98          | 21.96       | PK     |
| 11570           | 34.98        | 4.83              | H              | 39.81          | 53.98          | 14.17       | AV     |
| 17355           | 50.84        | 9.81              | H              | 60.65          | 68.20          | 7.55        | PK     |

Band : UNII 3  
Operation Mode: 802.11 ac(VHT20)  
Transfer MCS Index: MCS0  
Operating Frequency 5825 MHz  
Channel No. 165 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11650           | 49.58        | 3.70              | V              | 53.28          | 73.98          | 20.70       | PK     |
| 11650           | 38.57        | 3.70              | V              | 42.27          | 53.98          | 11.71       | AV     |
| 17475           | 47.80        | 10.25             | V              | 58.05          | 68.20          | 10.15       | PK     |
| 11650           | 49.91        | 3.70              | H              | 53.61          | 73.98          | 20.37       | PK     |
| 11650           | 38.71        | 3.70              | H              | 42.41          | 53.98          | 11.57       | AV     |
| 17475           | 47.84        | 10.25             | H              | 58.09          | 68.20          | 10.11       | PK     |

Band : UNII 3  
Operation Mode: 802.11 n(HT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5755 MHz  
Channel No. 151 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11510           | 48.09        | 4.20              | V              | 52.29          | 73.98          | 21.69       | PK     |
| 11510           | 35.16        | 4.20              | V              | 39.36          | 53.98          | 14.62       | AV     |
| 17265           | 47.21        | 9.64              | V              | 56.85          | 68.20          | 11.35       | PK     |
| 11510           | 48.15        | 4.20              | H              | 52.35          | 73.98          | 21.63       | PK     |
| 11510           | 35.32        | 4.20              | H              | 39.52          | 53.98          | 14.46       | AV     |
| 17265           | 47.27        | 9.64              | H              | 56.91          | 68.20          | 11.29       | PK     |

Band : UNII 3  
Operation Mode: 802.11 n(HT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5795 MHz  
Channel No. 159 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11590           | 48.16        | 4.91              | V              | 53.07          | 73.98          | 20.91       | PK     |
| 11590           | 35.18        | 4.91              | V              | 40.09          | 53.98          | 13.89       | AV     |
| 17385           | 47.75        | 10.20             | V              | 57.95          | 68.20          | 10.25       | PK     |
| 11590           | 48.28        | 4.91              | H              | 53.19          | 73.98          | 20.79       | PK     |
| 11590           | 35.20        | 4.91              | H              | 40.11          | 53.98          | 13.87       | AV     |
| 17385           | 47.79        | 10.20             | H              | 57.99          | 68.20          | 10.21       | PK     |

Band : UNII 3  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5755 MHz  
Channel No. 151 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11510           | 48.44        | 4.20              | V              | 52.64          | 73.98          | 21.34       | PK     |
| 11510           | 34.96        | 4.20              | V              | 39.16          | 53.98          | 14.82       | AV     |
| 17265           | 47.21        | 9.64              | V              | 56.85          | 68.20          | 11.35       | PK     |
| 11510           | 48.48        | 4.20              | H              | 52.68          | 73.98          | 21.30       | PK     |
| 11510           | 35.07        | 4.20              | H              | 39.27          | 53.98          | 14.71       | AV     |
| 17265           | 47.34        | 9.64              | H              | 56.98          | 68.20          | 11.22       | PK     |

Band : UNII 3  
Operation Mode: 802.11 ac(VHT40)  
Transfer MCS Index: MCS0  
Operating Frequency 5795 MHz  
Channel No. 159 Ch

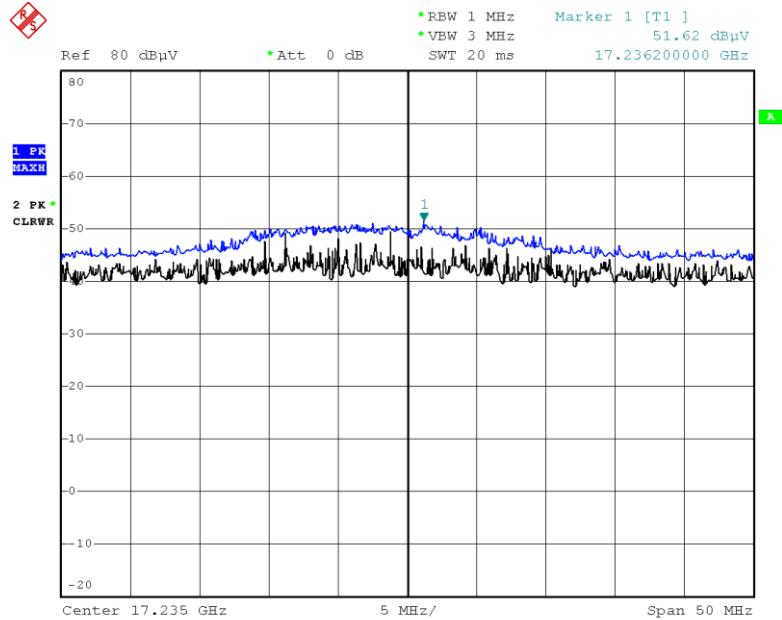
| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11590           | 47.55        | 4.91              | V              | 52.46          | 73.98          | 21.52       | PK     |
| 11590           | 34.98        | 4.91              | V              | 39.89          | 53.98          | 14.09       | AV     |
| 17385           | 47.49        | 10.20             | V              | 57.69          | 68.20          | 10.51       | PK     |
| 11590           | 47.60        | 4.91              | H              | 52.51          | 73.98          | 21.47       | PK     |
| 11590           | 35.01        | 4.91              | H              | 39.92          | 53.98          | 14.06       | AV     |
| 17385           | 47.81        | 10.20             | H              | 58.01          | 68.20          | 10.19       | PK     |

Band : UNII 3  
Operation Mode: 802.11 ac(VHT80)  
Transfer MCS Index: MCS0  
Operating Frequency 5775 MHz  
Channel No. 155 Ch

| Frequency [MHz] | Reading dBuV | AN.+CL-AMP G [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|-------------------|----------------|----------------|----------------|-------------|--------|
| 11550           | 48.14        | 4.50              | V              | 52.64          | 73.98          | 21.34       | PK     |
| 11550           | 36.55        | 4.50              | V              | 41.05          | 53.98          | 12.93       | AV     |
| 17325           | 46.79        | 10.22             | V              | 57.01          | 68.20          | 11.19       | PK     |
| 11550           | 48.29        | 3.32              | H              | 51.61          | 73.98          | 22.37       | PK     |
| 11550           | 36.63        | 3.32              | H              | 39.95          | 53.98          | 14.03       | AV     |
| 17325           | 46.98        | 10.22             | H              | 57.20          | 68.20          | 11.00       | PK     |

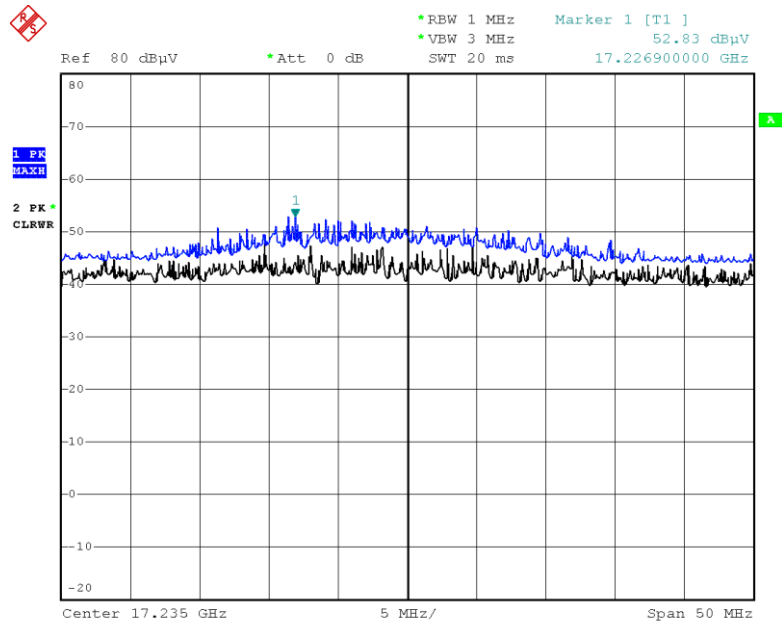
# Test Plots

Peak Reading (802.11a, Ch.149 3rd Harmonic, H)



Date: 27.JUN.2019 10:39:12

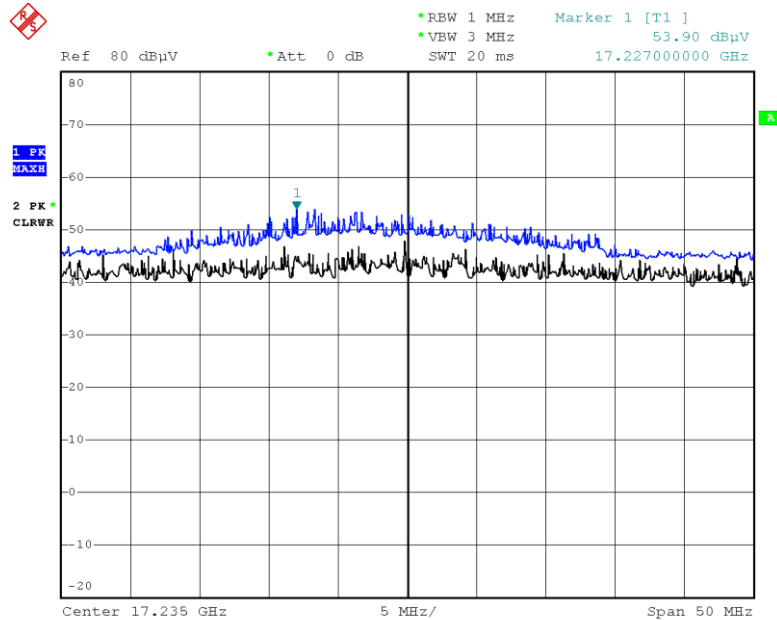
Peak Reading (802.11n, Ch.149 3rd Harmonic, H)



Date: 28.JUN.2019 08:17:52

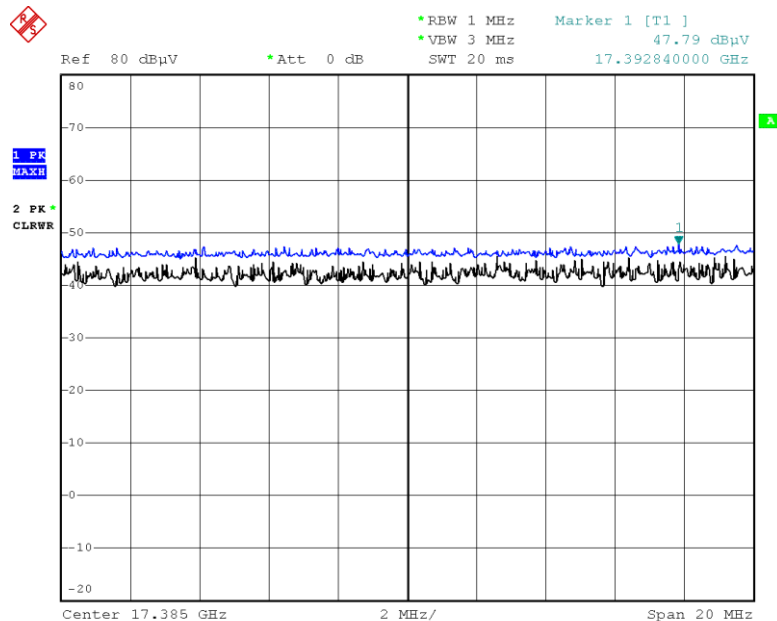


### Peak Reading (802.11ac, Ch.149 3rd Harmonic, H)



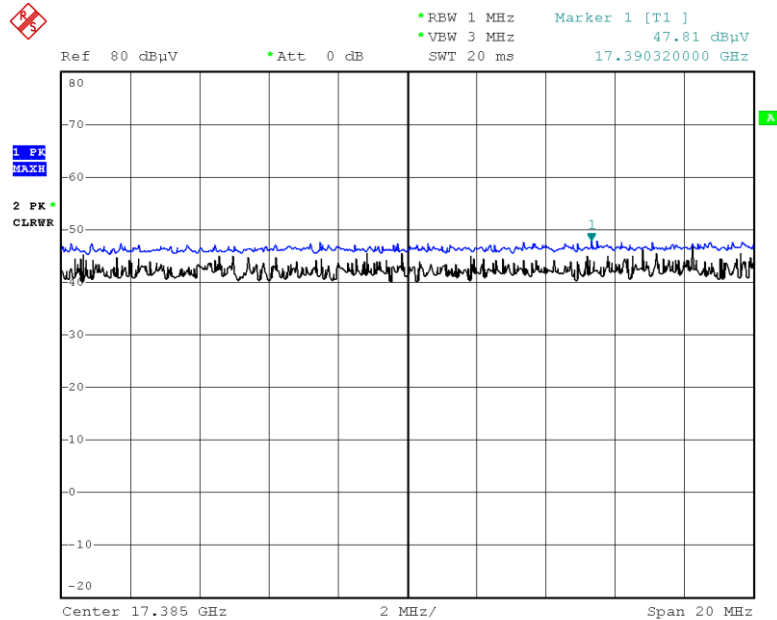
Date: 28.JUN.2019 08:19:32

### Peak Reading (802.11n40, Ch.159 3rd Harmonic, H)



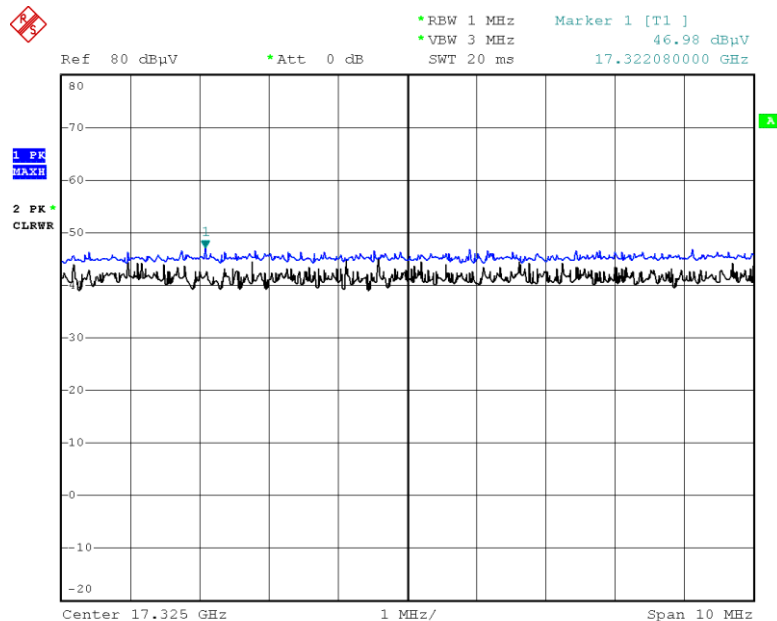
Date: 28.JUN.2019 08:23:22

### Peak Reading (802.11ac40, Ch.159 3rd Harmonic, H)



Date: 28.JUN.2019 08:25:32

### Peak Reading (802.11ac80, Ch.155 3rd Harmonic, H)



Date: 28.JUN.2019 08:28:08

Note : Only the worst case plots for Radiated Spurious Emissions.

## 10.9 RADIATED RESTRICTED BAND EDGE

|                     |          |
|---------------------|----------|
| Band :              | UNII 1   |
| Operation Mode:     | 802.11 a |
| Transfer Rate:      | 6 Mbps   |
| Operating Frequency | 5180 MHz |
| Channel No.         | 36 Ch    |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5150               | 43.55           | 11.06               | H                 | 54.61             | 73.98             | 19.37          | PK     |
| 5150               | 30.73           | 11.06               | H                 | 41.79             | 53.98             | 12.19          | AV     |
| 5150               | 43.88           | 11.06               | V                 | 54.94             | 73.98             | 19.04          | PK     |
| 5150               | 30.84           | 11.06               | V                 | 41.9              | 53.98             | 12.08          | AV     |

|                     |               |
|---------------------|---------------|
| Band :              | UNII 1        |
| Operation Mode:     | 802.11 n_HT20 |
| Transfer MCS Index: | 0             |
| Operating Frequency | 5180 MHz      |
| Channel No.         | 36 Ch         |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5150               | 43.22           | 11.06               | H                 | 54.28             | 73.98             | 19.70          | PK     |
| 5150               | 30.54           | 11.06               | H                 | 41.6              | 53.98             | 12.38          | AV     |
| 5150               | 43.36           | 11.06               | V                 | 54.42             | 73.98             | 19.56          | PK     |
| 5150               | 30.64           | 11.06               | V                 | 41.7              | 53.98             | 12.28          | AV     |

Band : UNII 1  
 Operation Mode: 802.11 ac\_VHT20  
 Transfer MCS Index: 0  
 Operating Frequency 5180 MHz  
 Channel No. 36 Ch

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5150               | 45.39           | 11.06               | H                 | 56.45             | 73.98             | 17.53          | PK     |
| 5150               | 30.18           | 11.06               | H                 | 41.24             | 53.98             | 12.74          | AV     |
| 5150               | 45.76           | 11.06               | V                 | 56.82             | 73.98             | 17.16          | PK     |
| 5150               | 30.33           | 11.06               | V                 | 41.39             | 53.98             | 12.59          | AV     |

Band : UNII 1  
 Operation Mode: 802.11 n\_HT40  
 Transfer MCS Index: 0  
 Operating Frequency 5190 MHz  
 Channel No. 38 Ch

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5150               | 43.55           | 11.06               | H                 | 54.61             | 73.98             | 19.37          | PK     |
| 5150               | 30.29           | 11.06               | H                 | 41.35             | 53.98             | 12.63          | AV     |
| 5150               | 43.61           | 11.06               | V                 | 54.67             | 73.98             | 19.31          | PK     |
| 5150               | 30.46           | 11.06               | V                 | 41.52             | 53.98             | 12.46          | AV     |

Band : UNII 1  
 Operation Mode: 802.11 ac\_VHT40  
 Transfer MCS Index: 0  
 Operating Frequency 5190 MHz  
 Channel No. 38 Ch

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5150               | 43.33           | 11.06               | H                 | 54.39             | 73.98             | 19.59          | PK     |
| 5150               | 30.47           | 11.06               | H                 | 41.53             | 53.98             | 12.45          | AV     |
| 5150               | 43.44           | 11.06               | V                 | 54.5              | 73.98             | 19.48          | PK     |
| 5150               | 30.55           | 11.06               | V                 | 41.61             | 53.98             | 12.37          | AV     |

Band : UNII 1  
 Operation Mode: 802.11 ac\_VHT80  
 Transfer MCS Index: 0  
 Operating Frequency 5210 MHz  
 Channel No. 42 Ch

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5150               | 44.05           | 11.06               | H                 | 55.11             | 73.98             | 18.87          | PK     |
| 5150               | 31.89           | 11.06               | H                 | 42.95             | 53.98             | 11.03          | AV     |
| 5150               | 44.15           | 11.06               | V                 | 55.21             | 73.98             | 18.77          | PK     |
| 5150               | 32.06           | 11.06               | V                 | 43.12             | 53.98             | 10.86          | AV     |

|                     |          |
|---------------------|----------|
| Band :              | UNII 2A  |
| Operation Mode:     | 802.11 a |
| Transfer Rate:      | 6 Mbps   |
| Operating Frequency | 5320 MHz |
| Channel No.         | 64 Ch    |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5350               | 43.15           | 11.86               | H                 | 55.01             | 73.98             | 18.97          | PK     |
| 5350               | 30.18           | 11.86               | H                 | 42.04             | 53.98             | 11.94          | AV     |
| 5350               | 43.29           | 11.86               | V                 | 55.15             | 73.98             | 18.83          | PK     |
| 5350               | 30.20           | 11.86               | V                 | 42.06             | 53.98             | 11.92          | AV     |

|                     |               |
|---------------------|---------------|
| Band :              | UNII 2A       |
| Operation Mode:     | 802.11 n_HT20 |
| Transfer MCS Index: | 0             |
| Operating Frequency | 5320 MHz      |
| Channel No.         | 64 Ch         |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5350               | 43.38           | 11.86               | H                 | 55.24             | 73.98             | 18.74          | PK     |
| 5350               | 30.11           | 11.86               | H                 | 41.97             | 53.98             | 12.01          | AV     |
| 5350               | 43.59           | 11.86               | V                 | 55.45             | 73.98             | 18.53          | PK     |
| 5350               | 30.23           | 11.86               | V                 | 42.09             | 53.98             | 11.89          | AV     |

Band : UNII 2A

Operation Mode: 802.11 ac\_VHT20

Transfer MCS Index: 0

Operating Frequency 5320 MHz

Channel No. 64 Ch

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5350               | 43.18           | 11.86               | H                 | 55.04             | 73.98             | 18.94          | PK     |
| 5350               | 30.11           | 11.86               | H                 | 41.97             | 53.98             | 12.01          | AV     |
| 5350               | 43.22           | 11.86               | V                 | 55.08             | 73.98             | 18.90          | PK     |
| 5350               | 30.14           | 11.86               | V                 | 42                | 53.98             | 11.98          | AV     |

Band : UNII 2A

Operation Mode: 802.11 n\_HT40

Transfer MCS Index: 0

Operating Frequency 5310 MHz

Channel No. 62 Ch

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5350               | 42.69           | 11.86               | H                 | 54.55             | 73.98             | 19.43          | PK     |
| 5350               | 30.22           | 11.86               | H                 | 42.08             | 53.98             | 11.90          | AV     |
| 5350               | 42.81           | 11.86               | V                 | 54.67             | 73.98             | 19.31          | PK     |
| 5350               | 30.65           | 11.86               | V                 | 42.51             | 53.98             | 11.47          | AV     |

Band : UNII 2A

Operation Mode: 802.11 ac\_VHT40

Transfer MCS Index: 0

Operating Frequency 5310 MHz

Channel No. 62 Ch

| Frequency [MHz] | Reading dBuV | CL+AF+DF-AG [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|------------------|----------------|----------------|----------------|-------------|--------|
| 5350            | 43.05        | 11.86            | H              | 54.91          | 73.98          | 19.07       | PK     |
| 5350            | 30.84        | 11.86            | H              | 42.7           | 53.98          | 11.28       | AV     |
| 5350            | 43.20        | 11.86            | V              | 55.06          | 73.98          | 18.92       | PK     |
| 5350            | 31.06        | 11.86            | V              | 42.92          | 53.98          | 11.06       | AV     |

Band : UNII 2A

Operation Mode: 802.11 ac\_VHT80

Transfer MCS Index: 0

Operating Frequency 5290 MHz

Channel No. 58 Ch

| Frequency [MHz] | Reading dBuV | CL+AF+DF-AG [dB] | ANT. POL [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Detect |
|-----------------|--------------|------------------|----------------|----------------|----------------|-------------|--------|
| 5350            | 43.55        | 11.86            | H              | 55.41          | 73.98          | 18.57       | PK     |
| 5350            | 31.87        | 11.86            | H              | 43.73          | 53.98          | 10.25       | AV     |
| 5350            | 43.81        | 11.86            | V              | 55.67          | 73.98          | 18.31       | PK     |
| 5350            | 32.14        | 11.86            | V              | 44             | 53.98          | 9.98        | AV     |



|                     |          |
|---------------------|----------|
| Band :              | UNII 2C  |
| Operation Mode:     | 802.11 a |
| Transfer Rate:      | 6 Mbps   |
| Operating Frequency | 5500 MHz |
| Channel No.         | 100 Ch   |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5460               | 42.69           | 12.24               | H                 | 54.93             | 73.98             | 19.05          | PK     |
| 5460               | 29.58           | 12.24               | H                 | 41.82             | 53.98             | 12.16          | AV     |
| 5470               | 43.22           | 12.50               | H                 | 55.72             | 68.20             | 12.48          | PK     |
| 5460               | 42.79           | 12.24               | V                 | 55.03             | 73.98             | 18.95          | PK     |
| 5460               | 29.68           | 12.24               | V                 | 41.92             | 53.98             | 12.06          | AV     |
| 5470               | 43.46           | 12.50               | V                 | 55.96             | 68.20             | 12.24          | PK     |

|                     |               |
|---------------------|---------------|
| Band :              | UNII 2C       |
| Operation Mode:     | 802.11 n_HT20 |
| Transfer MCS Index: | 0             |
| Operating Frequency | 5500 MHz      |
| Channel No.         | 100 Ch        |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5460               | 42.39           | 12.24               | H                 | 54.63             | 73.98             | 19.35          | PK     |
| 5460               | 29.26           | 12.24               | H                 | 41.5              | 53.98             | 12.48          | AV     |
| 5470               | 43.21           | 12.50               | H                 | 55.71             | 68.20             | 12.49          | PK     |
| 5460               | 42.53           | 12.24               | V                 | 54.77             | 73.98             | 19.21          | PK     |
| 5460               | 29.40           | 12.24               | V                 | 41.64             | 53.98             | 12.34          | AV     |
| 5470               | 43.32           | 12.50               | V                 | 55.82             | 68.20             | 12.38          | PK     |

|                     |                 |
|---------------------|-----------------|
| Band :              | UNII 2C         |
| Operation Mode:     | 802.11 ac_VHT20 |
| Transfer MCS Index: | 0               |
| Operating Frequency | 5500 MHz        |
| Channel No.         | 100 Ch          |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5460               | 42.56           | 12.24               | H                 | 54.80             | 73.98             | 19.18          | PK     |
| 5460               | 29.38           | 12.24               | H                 | 41.62             | 53.98             | 12.36          | AV     |
| 5470               | 43.51           | 12.50               | H                 | 56.01             | 68.20             | 12.19          | PK     |
| 5460               | 42.66           | 12.24               | V                 | 54.9              | 73.98             | 19.08          | PK     |
| 5460               | 29.46           | 12.24               | V                 | 41.7              | 53.98             | 12.28          | AV     |
| 5470               | 43.68           | 12.50               | V                 | 56.18             | 68.20             | 12.02          | PK     |

|                     |               |
|---------------------|---------------|
| Band :              | UNII 2C       |
| Operation Mode:     | 802.11 n_HT40 |
| Transfer MCS Index: | 0             |
| Operating Frequency | 5510 MHz      |
| Channel No.         | 102 Ch        |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5460               | 42.37           | 12.24               | H                 | 54.61             | 73.98             | 19.37          | PK     |
| 5460               | 29.39           | 12.24               | H                 | 41.63             | 53.98             | 12.35          | AV     |
| 5470               | 42.81           | 12.50               | H                 | 55.31             | 68.20             | 12.89          | PK     |
| 5460               | 42.49           | 12.24               | V                 | 54.73             | 73.98             | 19.25          | PK     |
| 5460               | 29.51           | 12.24               | V                 | 41.75             | 53.98             | 12.23          | AV     |
| 5470               | 42.95           | 12.50               | V                 | 55.45             | 68.20             | 12.75          | PK     |

|                     |                 |
|---------------------|-----------------|
| Band :              | UNII 2C         |
| Operation Mode:     | 802.11 ac_VHT40 |
| Transfer MCS Index: | 0               |
| Operating Frequency | 5510 MHz        |
| Channel No.         | 102 Ch          |

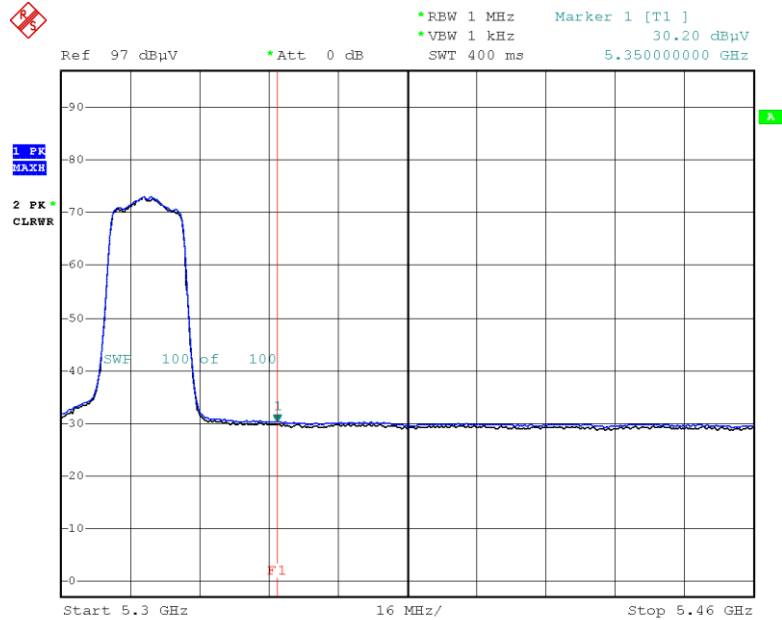
| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5460               | 42.41           | 12.24               | H                 | 54.65             | 73.98             | 19.33          | PK     |
| 5460               | 29.37           | 12.24               | H                 | 41.61             | 53.98             | 12.37          | AV     |
| 5470               | 42.79           | 12.50               | H                 | 55.29             | 68.20             | 12.91          | PK     |
| 5460               | 42.44           | 12.24               | V                 | 54.68             | 73.98             | 19.30          | PK     |
| 5460               | 29.51           | 12.24               | V                 | 41.75             | 53.98             | 12.23          | AV     |
| 5470               | 42.89           | 12.50               | V                 | 55.39             | 68.20             | 12.81          | PK     |

|                     |                 |
|---------------------|-----------------|
| Band :              | UNII 2C         |
| Operation Mode:     | 802.11 ac_VHT80 |
| Transfer MCS Index: | 0               |
| Operating Frequency | 5530 MHz        |
| Channel No.         | 106 Ch          |

| Frequency<br>[MHz] | Reading<br>dBuV | CL+AF+DF-AG<br>[dB] | ANT. POL<br>[H/V] | Total<br>[dBuV/m] | Limit<br>[dBuV/m] | Margin<br>[dB] | Detect |
|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|----------------|--------|
| 5460               | 42.40           | 12.24               | H                 | 54.64             | 73.98             | 19.34          | PK     |
| 5460               | 30.86           | 12.24               | H                 | 43.1              | 53.98             | 10.88          | AV     |
| 5470               | 42.95           | 12.50               | H                 | 55.45             | 68.20             | 12.75          | PK     |
| 5460               | 42.48           | 12.24               | V                 | 54.72             | 73.98             | 19.26          | PK     |
| 5460               | 30.88           | 12.24               | V                 | 43.12             | 53.98             | 10.86          | AV     |
| 5470               | 43.26           | 12.50               | V                 | 55.76             | 68.20             | 12.44          | PK     |

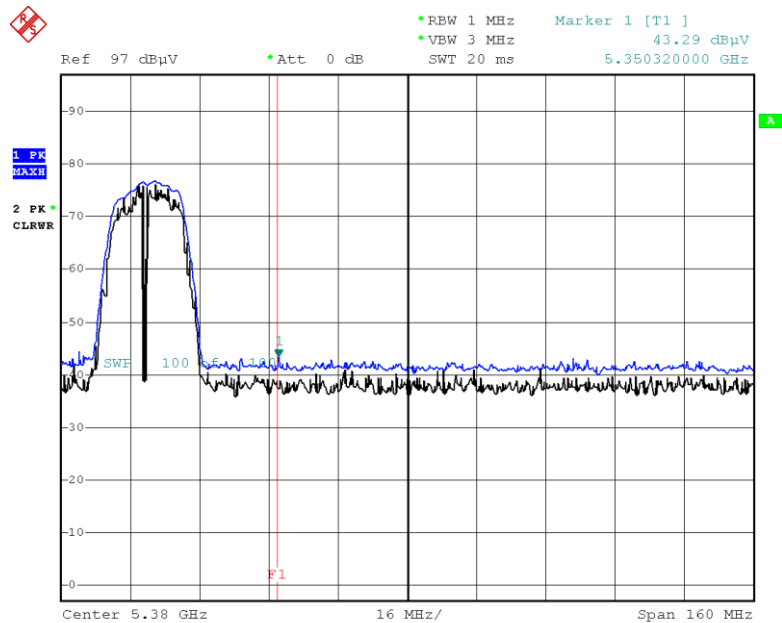
## Test Plots

### Average Reading (802.11a, Ch.64 , X-V)



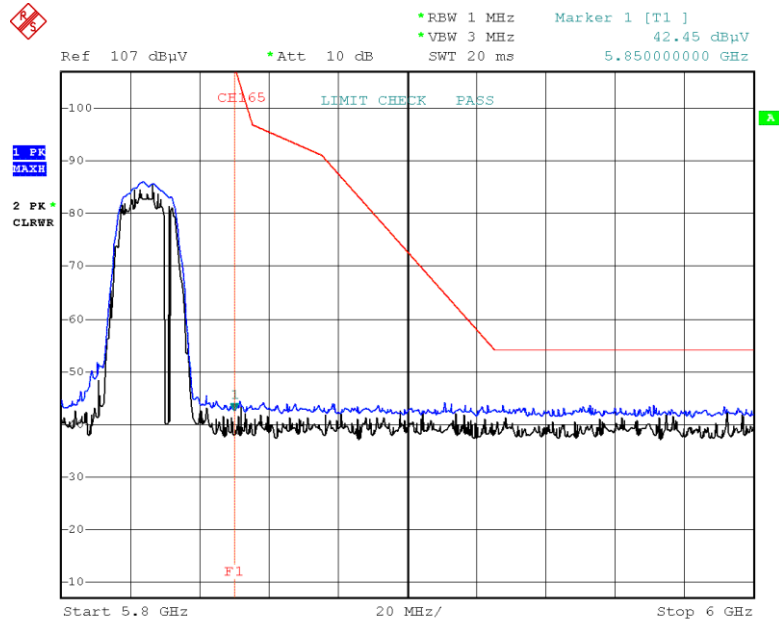
Date: 26.JUN.2019 08:02:12

### Peak Reading (802.11a Ch.58, X-V)



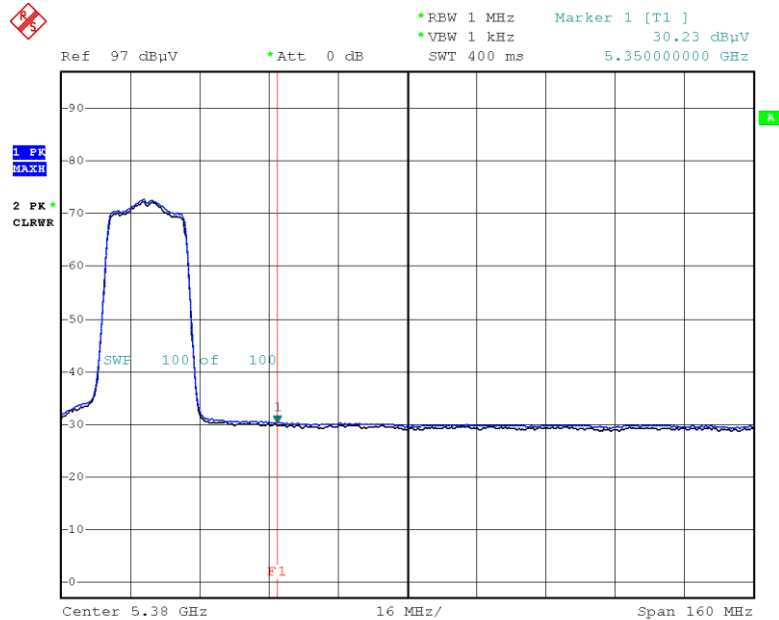
Date: 24.JUN.2019 10:17:07

## 802.11a Ch.165



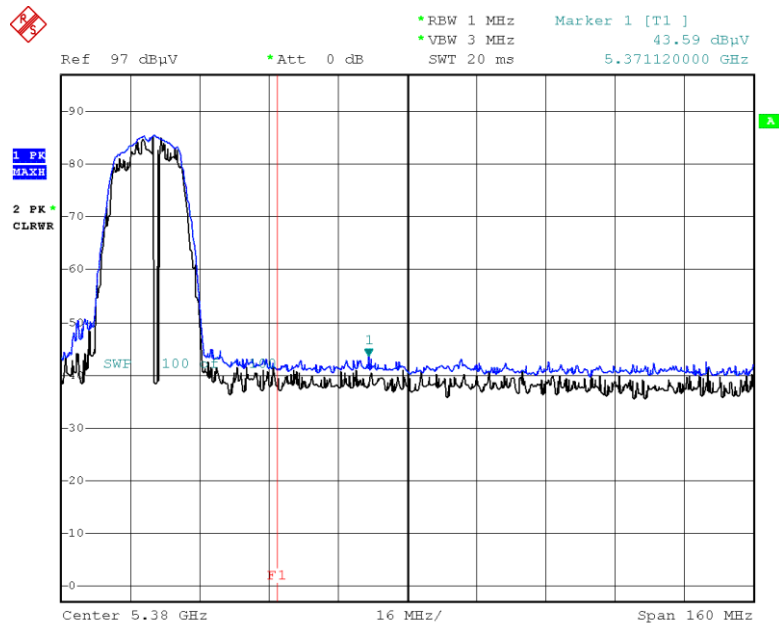
Date: 26.JUN.2019 08:33:57

### Average Reading (802.11n, Ch.64, X-V)



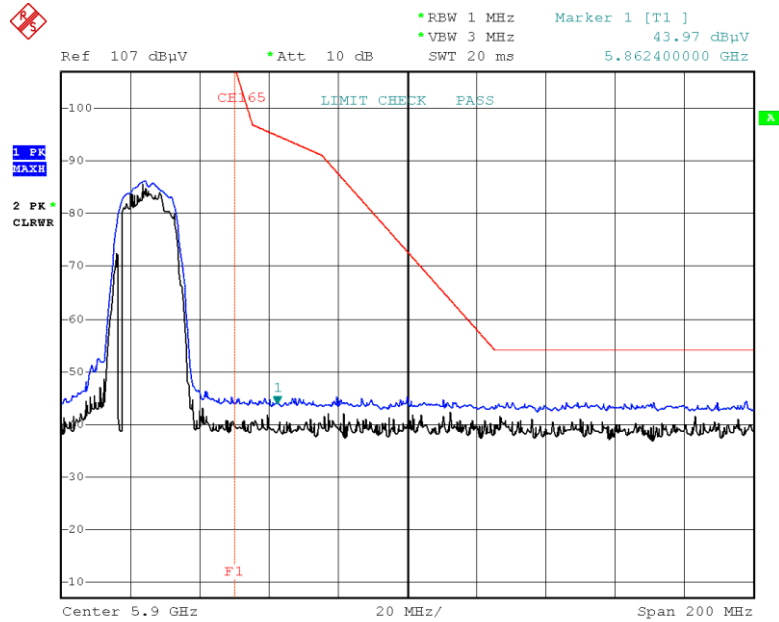
Date: 26.JUN.2019 08:07:44

### Peak Reading (802.11n Ch.58, X-V)



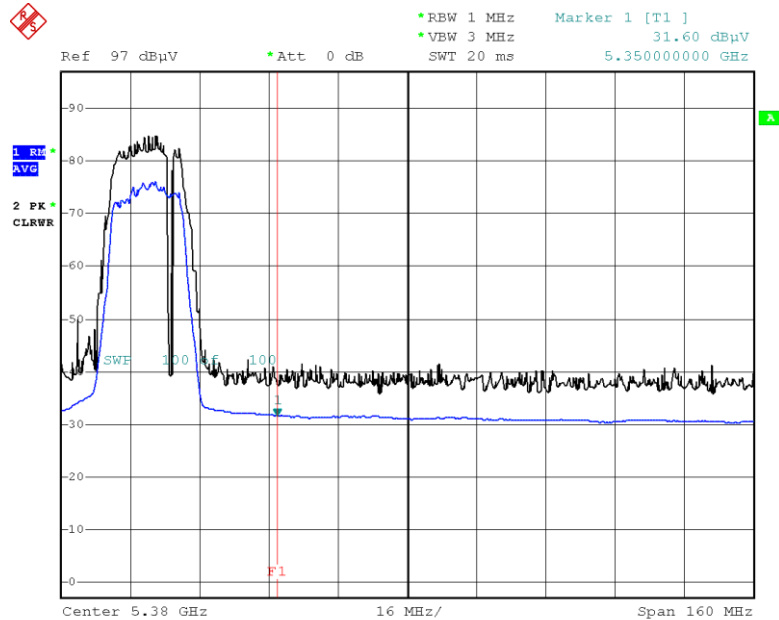
Date: 24.JUN.2019 10:29:41

## 802.11n Ch.165



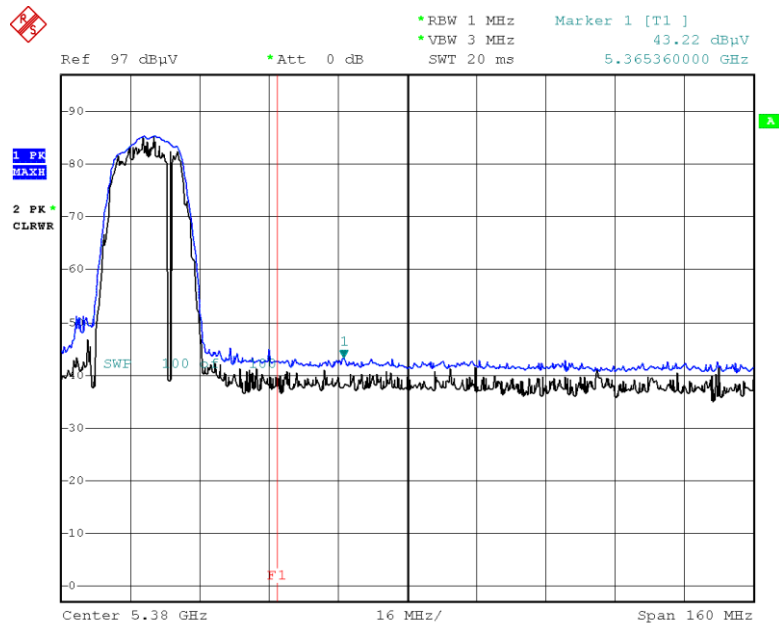
Date: 26.JUN.2019 08:43:17

### Average Reading (802.11ac, Ch.64, X-V)



Date: 24.JUN.2019 10:32:04

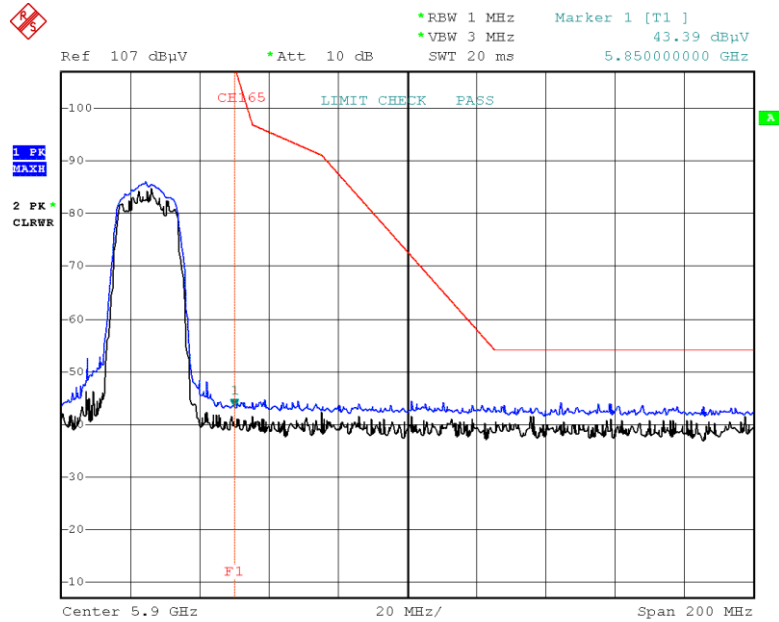
### Peak Reading (802.11ac Ch.58, X-V)



Date: 24.JUN.2019 10:33:18

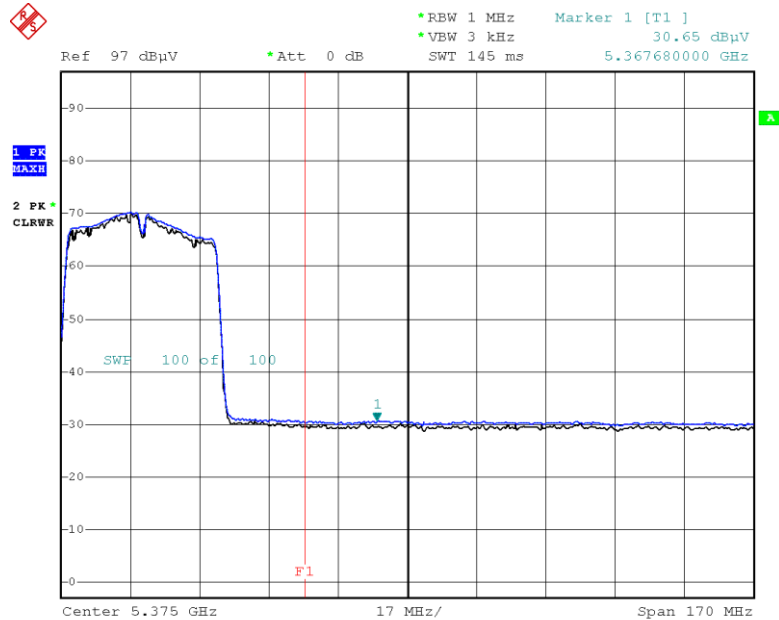


### 802.11ac Ch.165



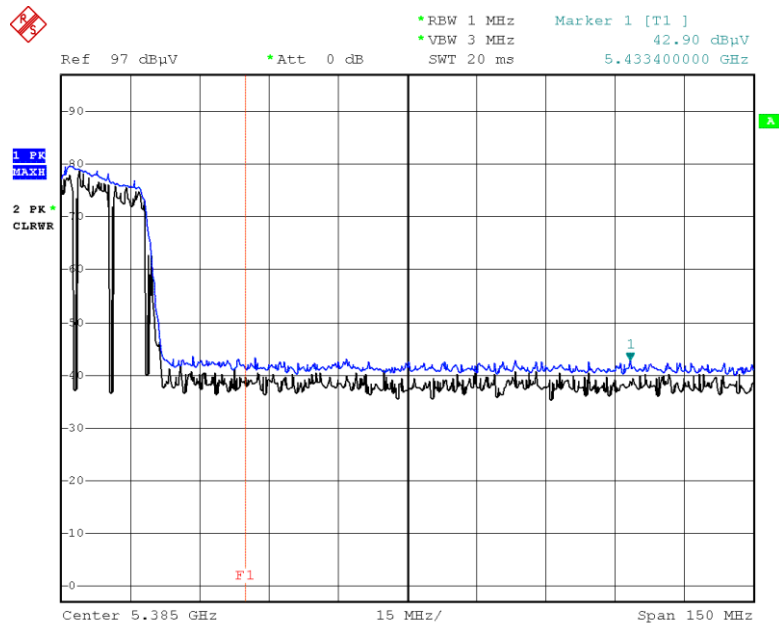
Date: 26.JUN.2019 08:44:57

### Average Reading (802.11n\_VHT40, Ch.62, X-V)



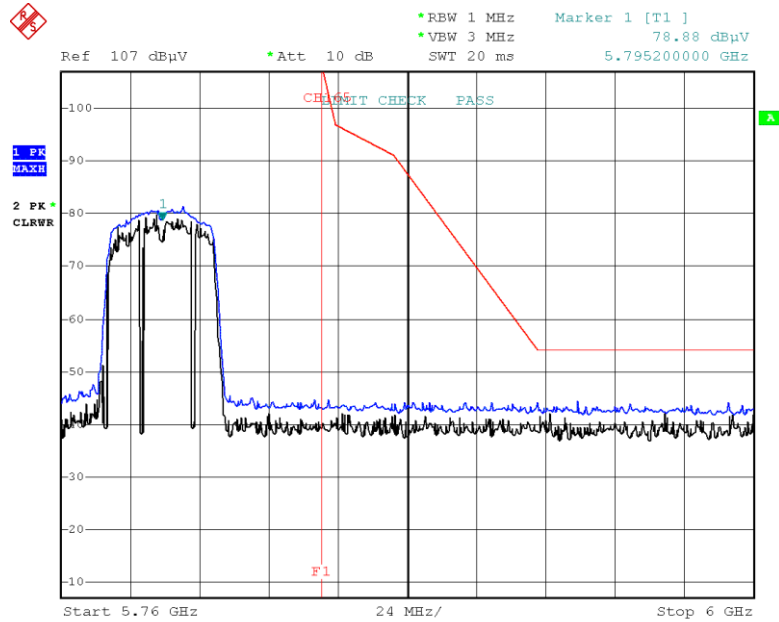
Date: 26.JUN.2019 08:25:19

### Peak Reading (802.11n\_VHT40 Ch.62, X-V)



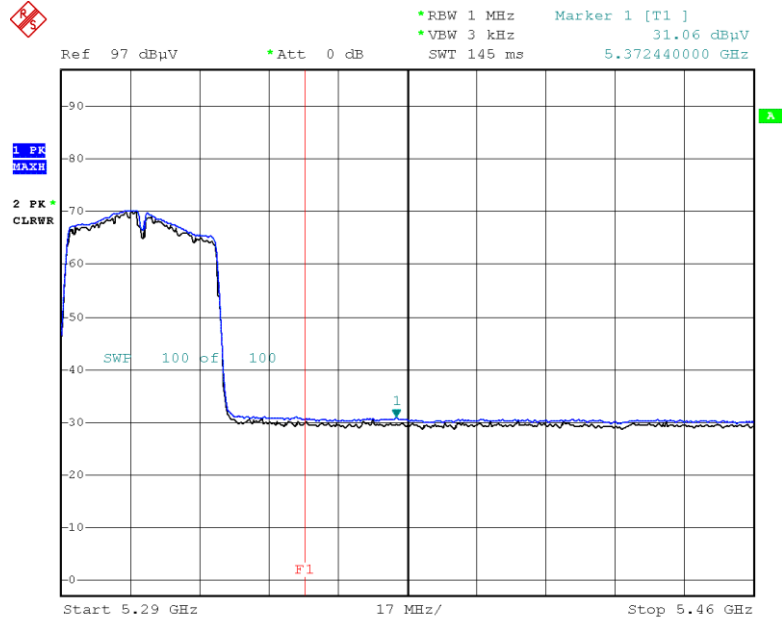
Date: 26.JUN.2019 05:01:26

## 802.11n\_VHT40 Ch.159



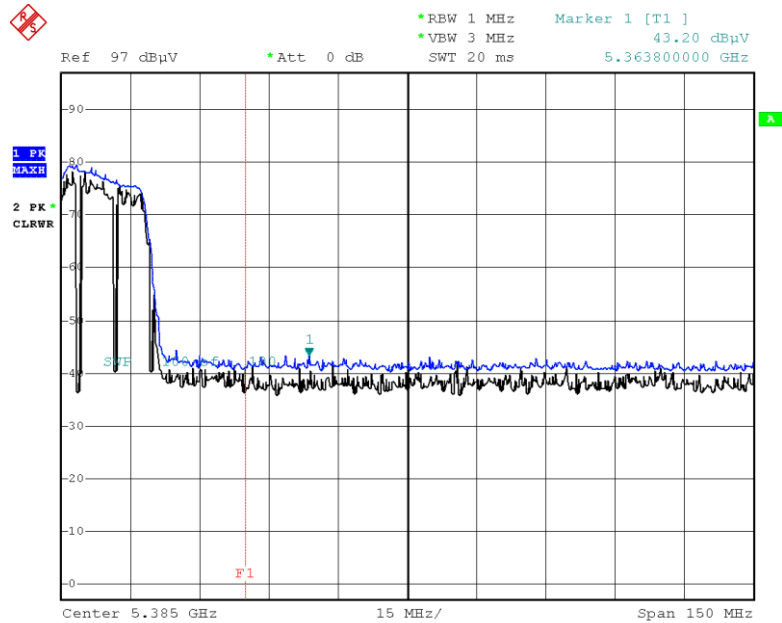
Date: 26.JUN.2019 08:47:55

### Average Reading (802.11ac\_VHT40, Ch.62, X-V)



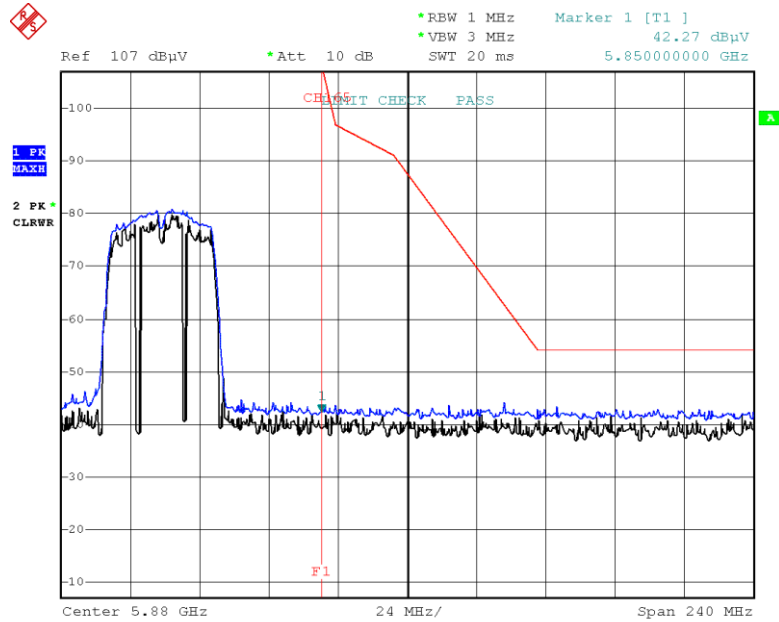
Date: 26.JUN.2019 08:24:04

### Peak Reading (802.11ac\_VHT40 Ch.62, X-V)



Date: 26.JUN.2019 05:07:28

## 802.11ac\_VHT40 Ch.159



Date: 26.JUN.2019 08:48:30