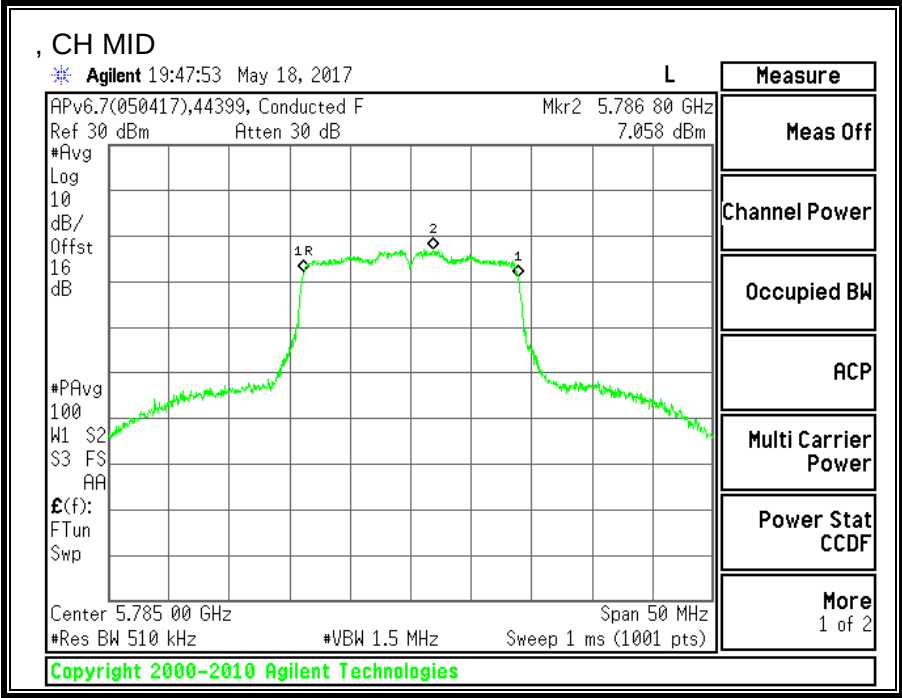
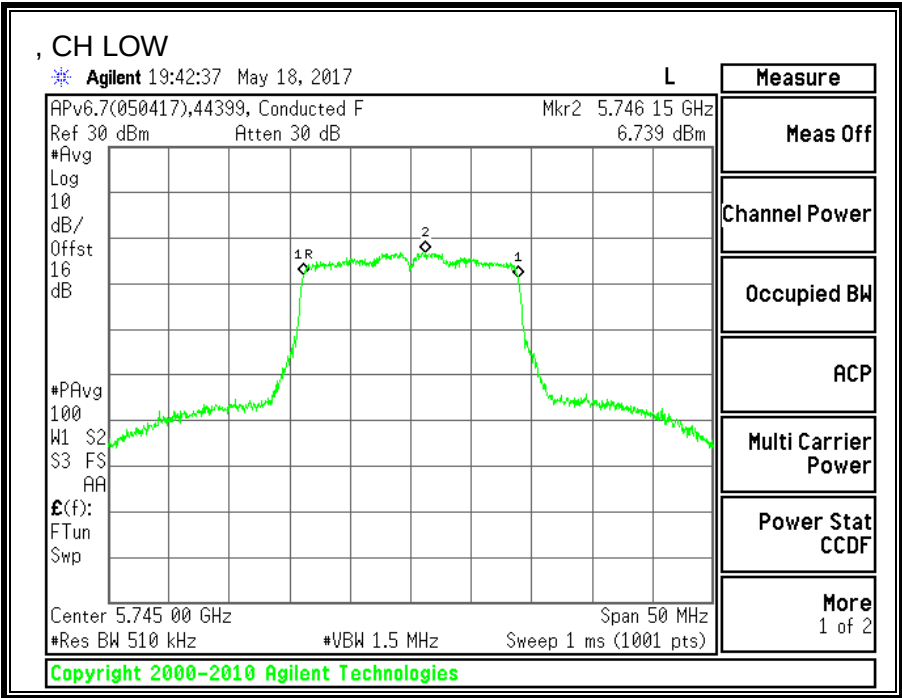
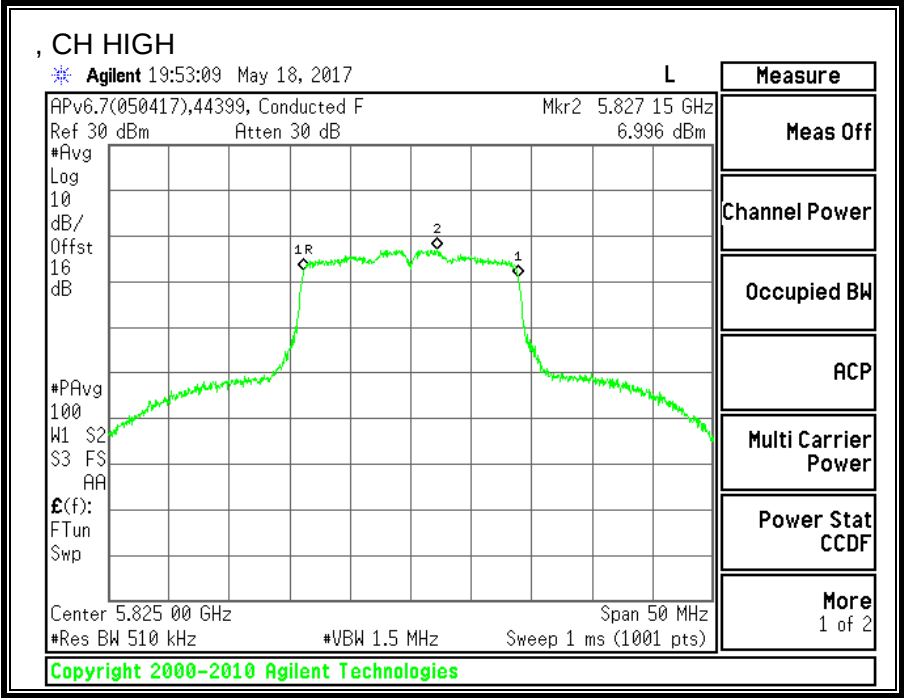






## **8.30. 11n HT20 2TX CDD MIMO MODE IN THE 5.8GHz BAND**

### **8.30.1. 6 dB BANDWIDTH**

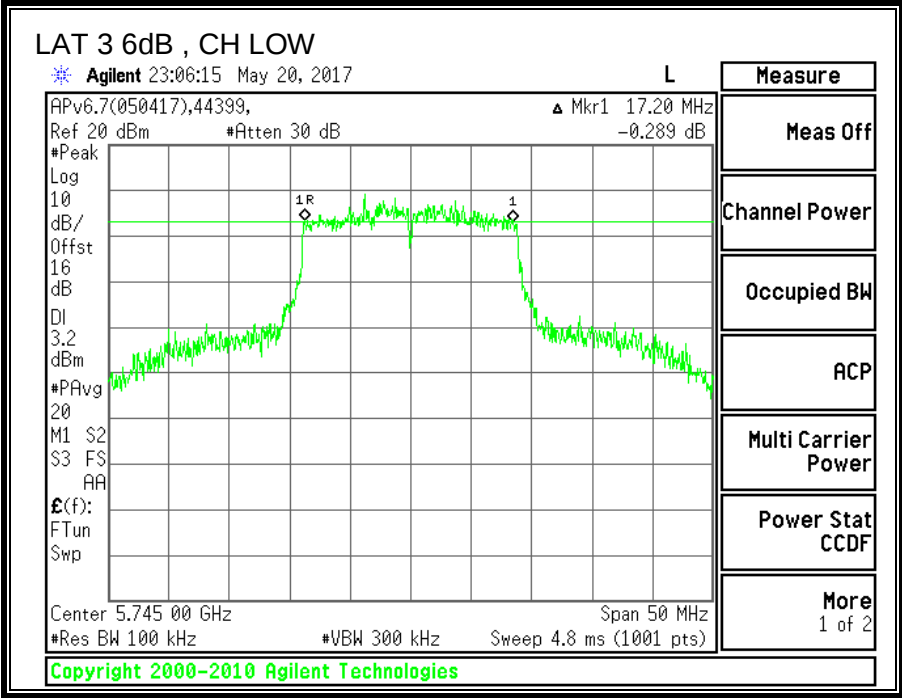
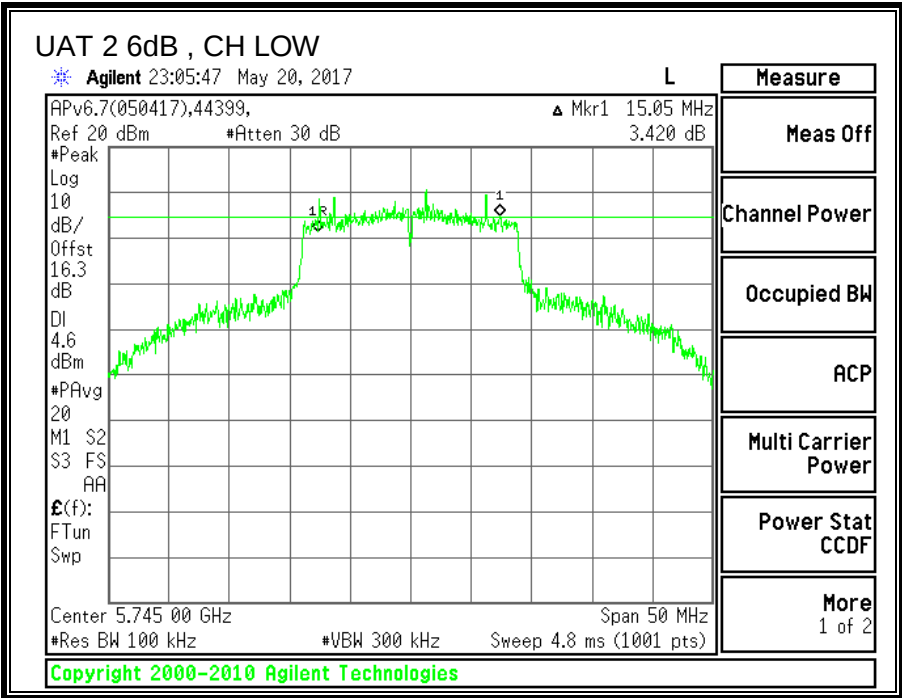
#### **LIMITS**

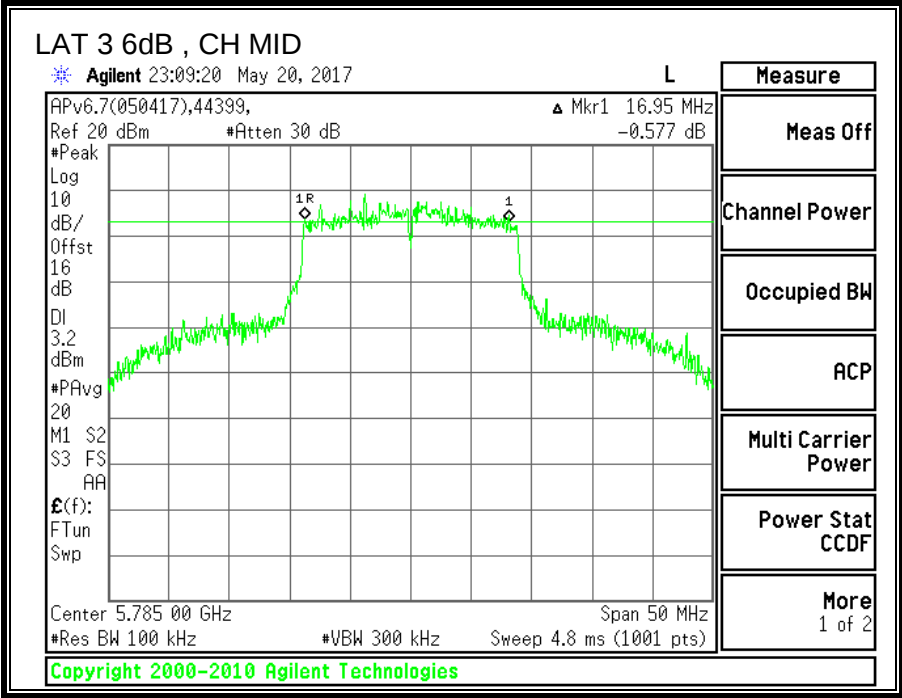
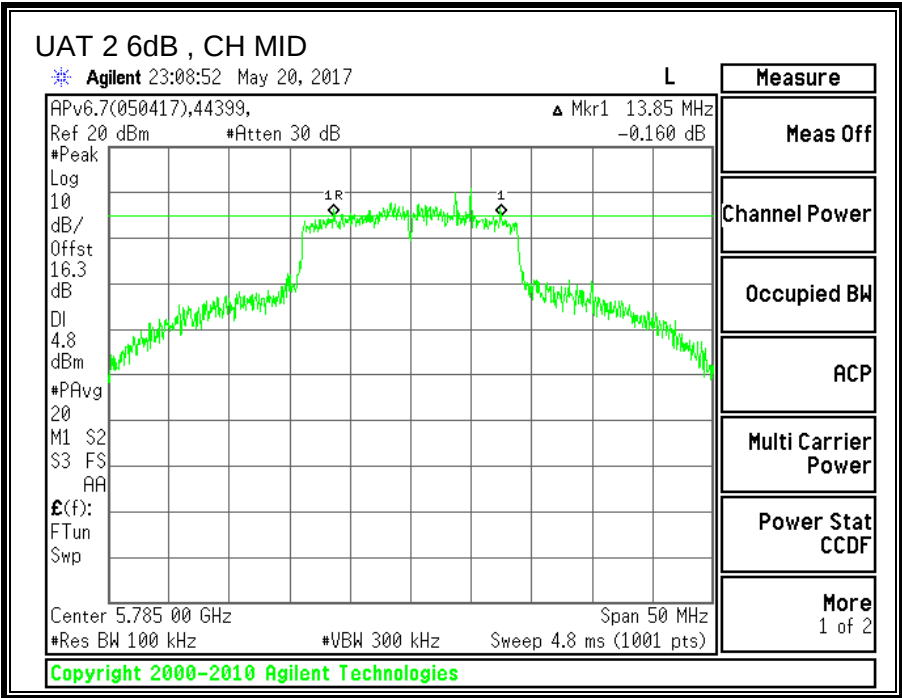
FCC §15.407 (e)

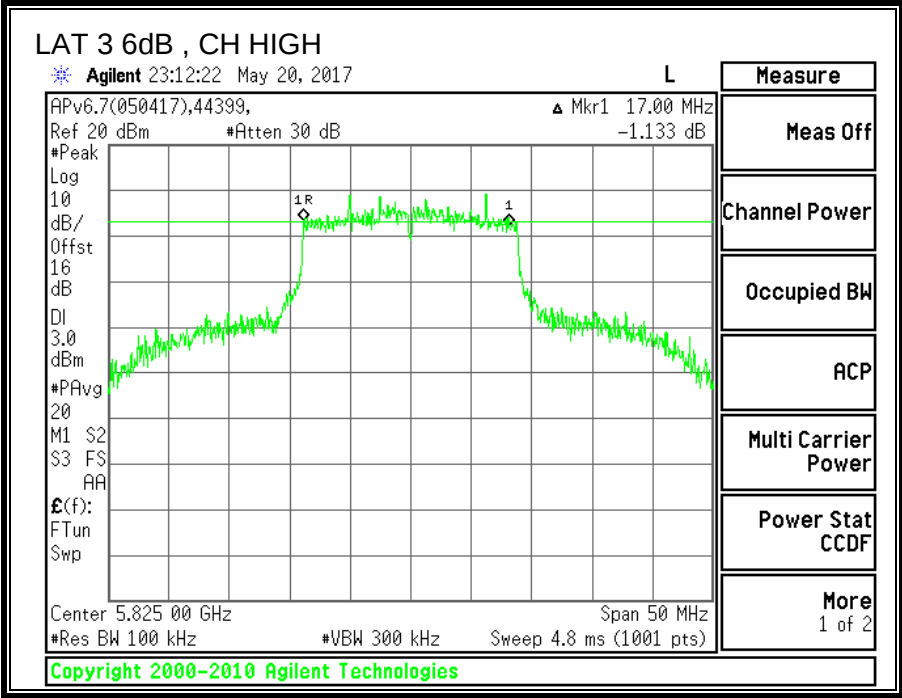
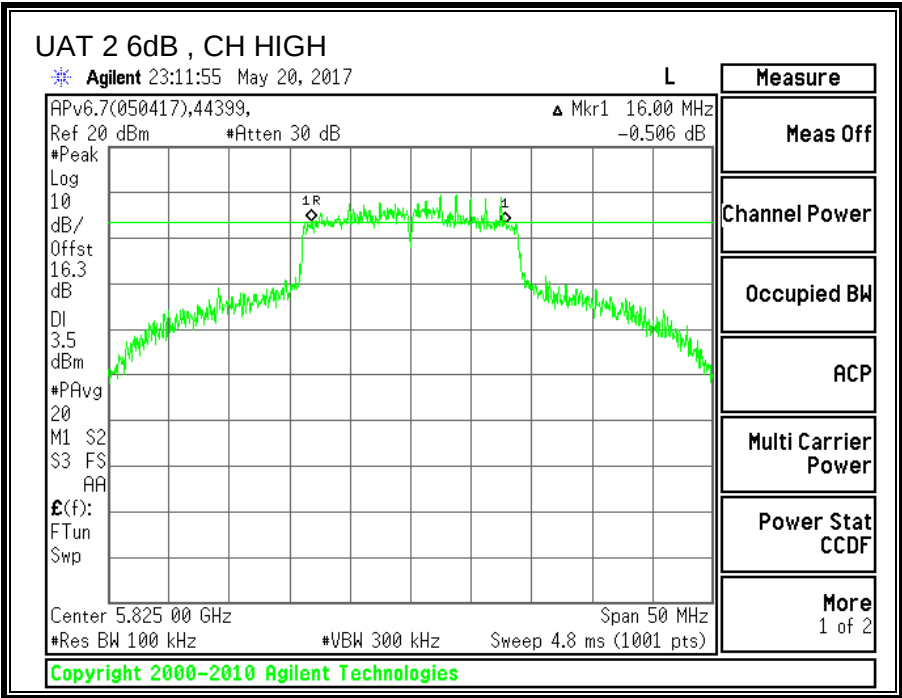
The minimum 6 dB bandwidth shall be at least 500 kHz.

#### **RESULTS**

| Channel | Frequency | 6 dB BW<br>UAT 2<br>(MHz) | 6 dB BW<br>LAT 3<br>(MHz) | Minimum<br>Limit (MHz) |
|---------|-----------|---------------------------|---------------------------|------------------------|
| Low     | 5745      | 15.05                     | 17.2                      | 0.5                    |
| Mid     | 5785      | 13.85                     | 16.95                     | 0.5                    |
| High    | 5825      | 16.00                     | 17.00                     | 0.5                    |







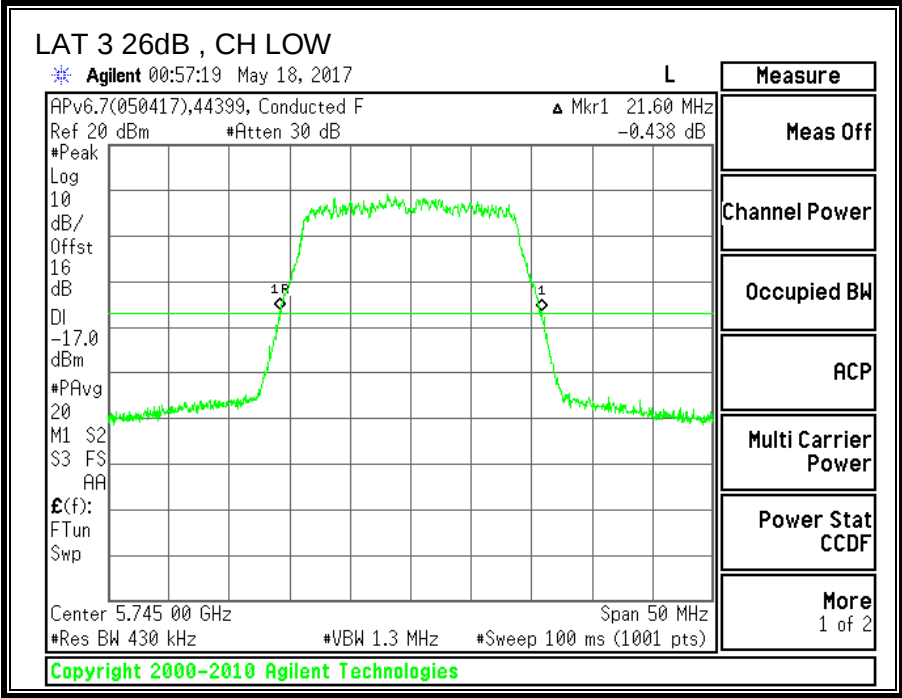
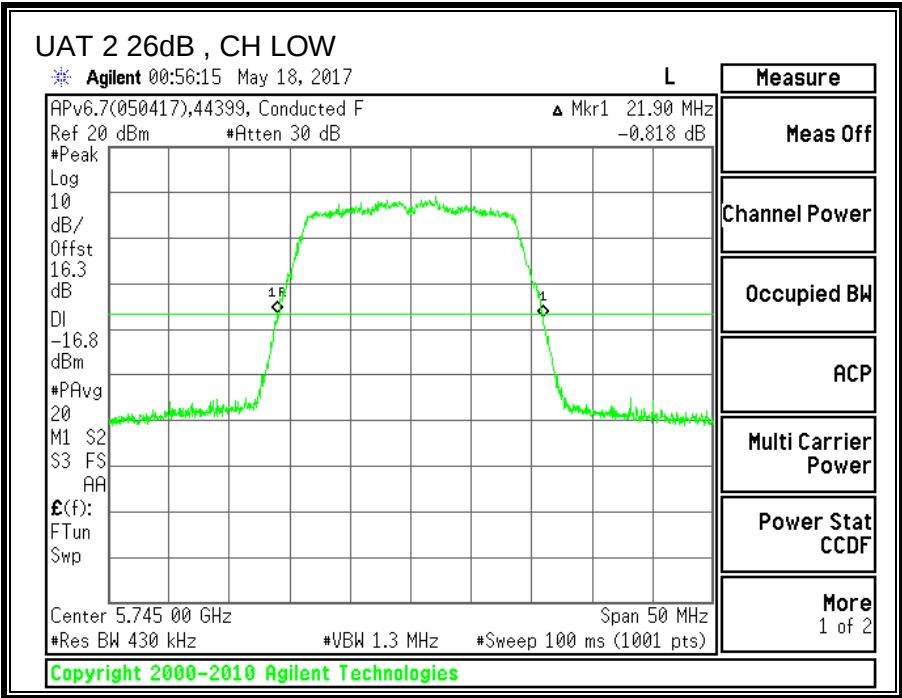
### 8.30.2. 26 dB BANDWIDTH

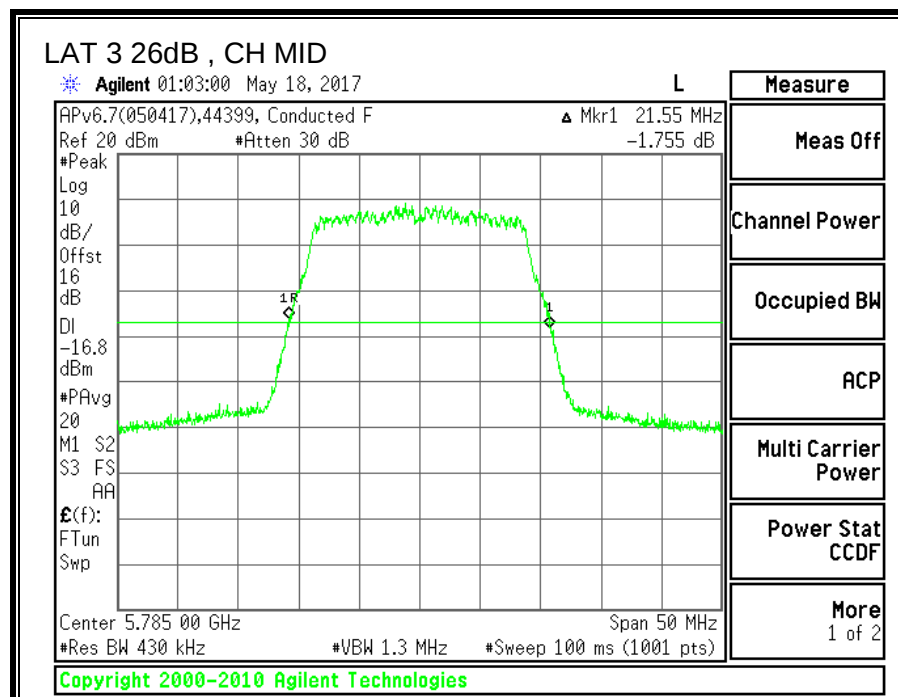
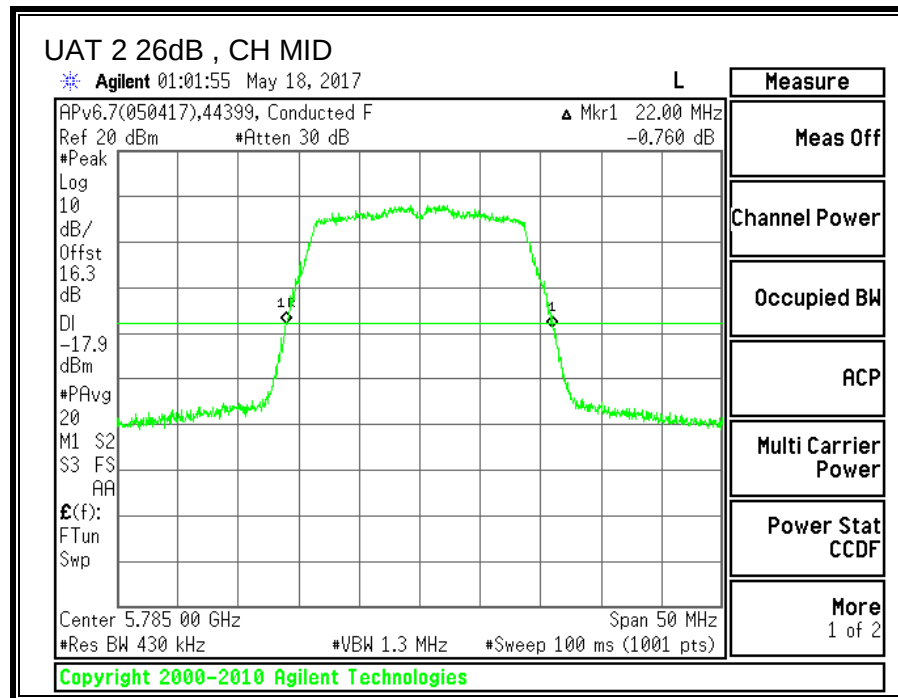
#### LIMITS

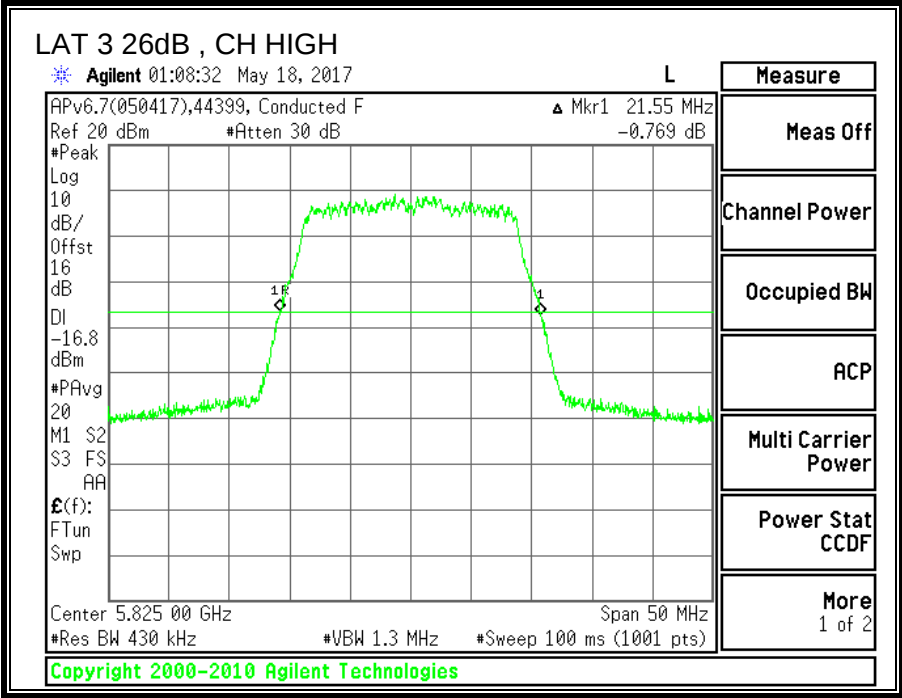
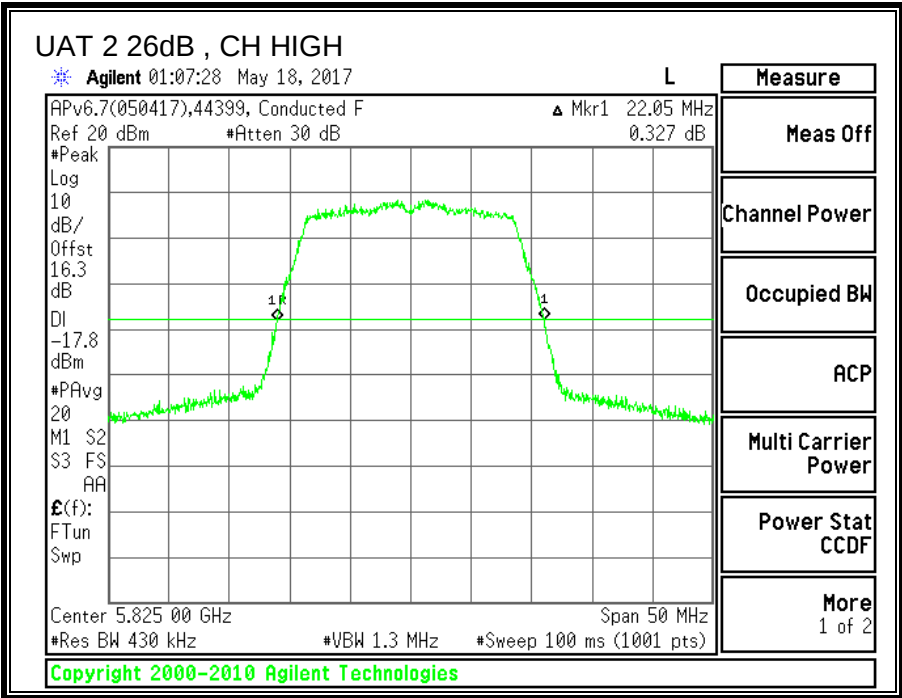
None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 26 dB BW<br>UAT 2<br>(MHz) | 26 dB BW<br>LAT 3<br>(MHz) |
|---------|-----------|----------------------------|----------------------------|
| Low     | 5745      | 21.90                      | 21.60                      |
| Mid     | 5785      | 22.00                      | 21.55                      |
| High    | 5825      | 22.05                      | 21.55                      |







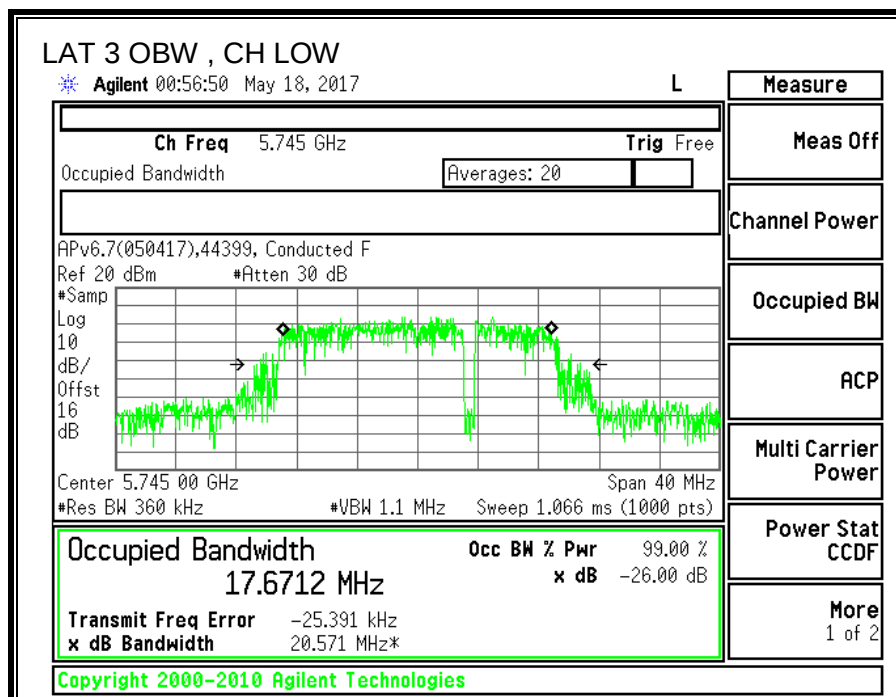
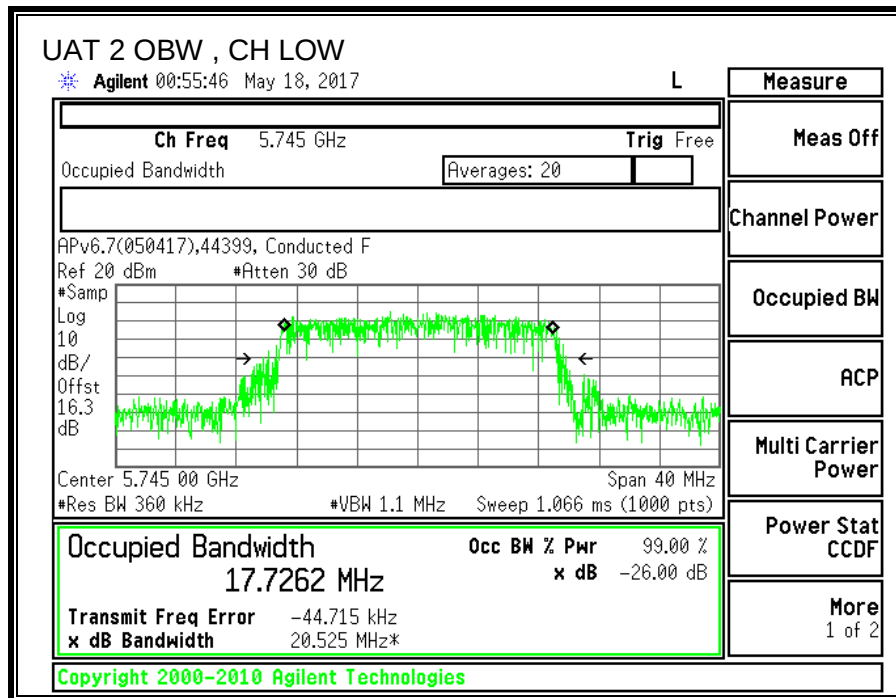
### 8.30.3. 99% BANDWIDTH

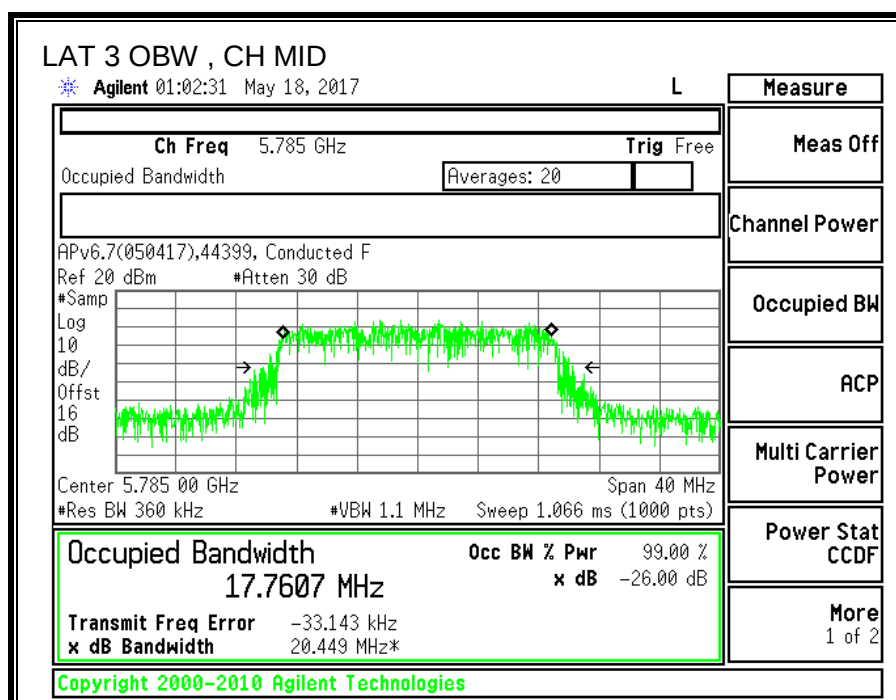
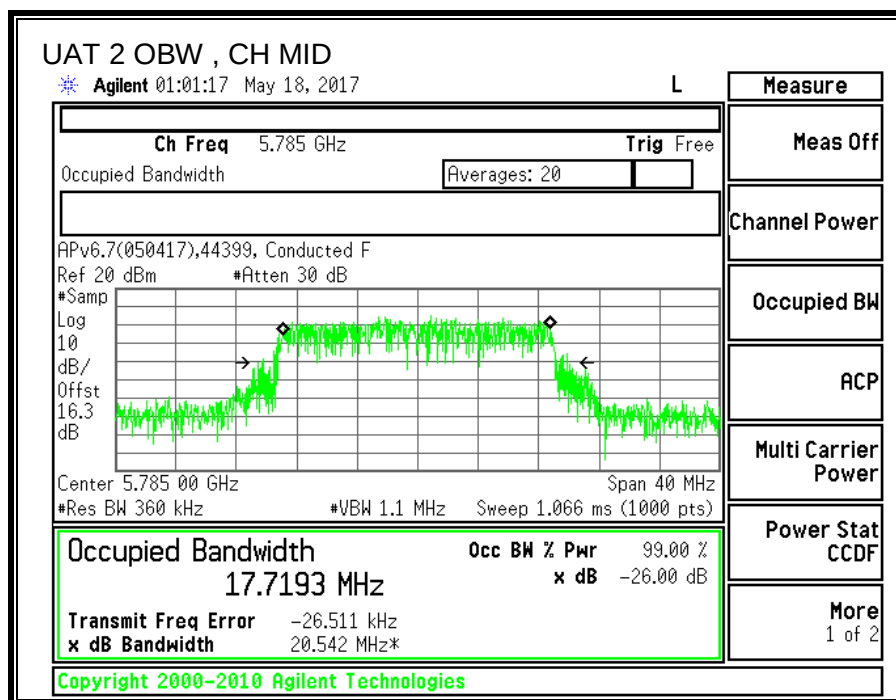
#### LIMITS

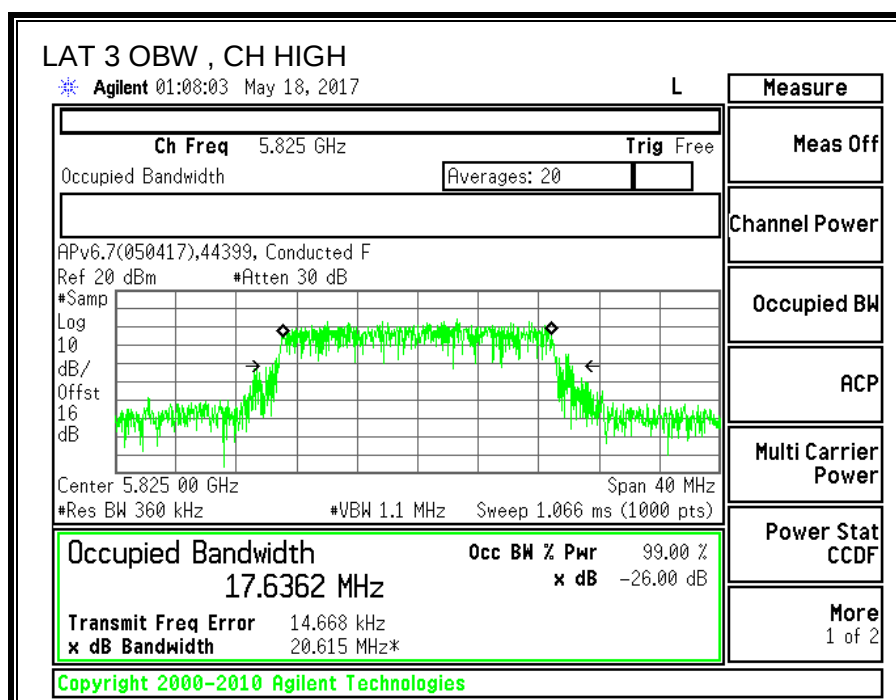
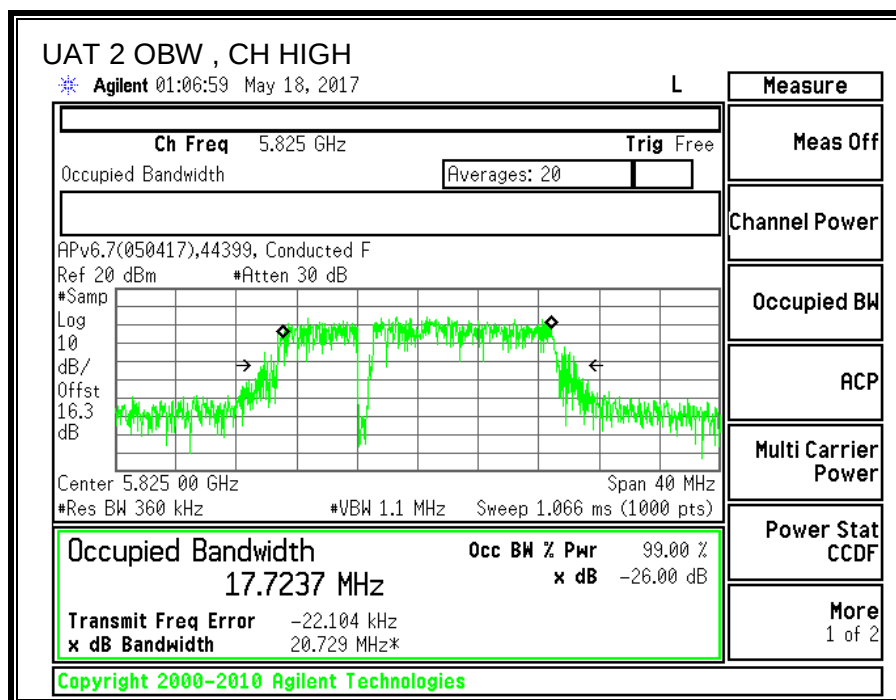
None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 99% BW<br>UAT 2<br>(MHz) | 99% BW<br>LAT 3<br>(MHz) |
|---------|-----------|--------------------------|--------------------------|
| Low     | 5745      | 17.7262                  | 17.6712                  |
| Mid     | 5785      | 17.7193                  | 17.7607                  |
| High    | 5825      | 17.7237                  | 17.6362                  |







#### 8.30.4. AVERAGE POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

None; for reporting purposes only.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

#### RESULTS

| Channel | Frequency<br>(MHz) | UAT 2<br>Power<br>(dBm) | LAT 3<br>Power<br>(dBm) | Total<br>Power<br>(dBm) |
|---------|--------------------|-------------------------|-------------------------|-------------------------|
| Low     | 5745               | 21.32                   | 21.45                   | 24.40                   |
| Mid     | 5785               | 21.44                   | 21.26                   | 24.36                   |
| High    | 5825               | 21.28                   | 21.31                   | 24.31                   |

### 8.30.5. OUTPUT POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### DIRECTIONAL ANTENNA GAIN

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

| <b>UAT 2<br/>Antenna<br/>Gain<br/>(dBi)</b> | <b>LAT 3<br/>Antenna<br/>Gain<br/>(dBi)</b> | <b>Uncorrelated Chains<br/>Directional<br/>Gain<br/>(dBi)</b> |
|---------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| -3.57                                       | -6.31                                       | -4.73                                                         |

## **RESULTS**

### **Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-------------------------|
| Low     | 5745               | -4.73                                     | 30.00                   |
| Mid     | 5785               | -4.73                                     | 30.00                   |
| High    | 5825               | -4.73                                     | 30.00                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>Power<br>(dBm) | LAT 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5745               | 21.32                           | 21.45                           | 24.40                             | 30.00                   | -5.60                   |
| Mid     | 5785               | 21.44                           | 21.26                           | 24.36                             | 30.00                   | -5.64                   |
| High    | 5825               | 21.28                           | 21.31                           | 24.31                             | 30.00                   | -5.69                   |

### 8.30.6. POWER SPECTRAL DENSITY

#### LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### DIRECTIONAL ANTENNA GAIN

The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

| UAT 2<br>Antenna<br>Gain<br>(dBi) | LAT 3<br>Antenna<br>Gain<br>(dBi) | Correlated Chains<br>Directional<br>Gain<br>(dBi) |
|-----------------------------------|-----------------------------------|---------------------------------------------------|
| -3.57                             | -6.31                             | -1.82                                             |

## RESULTS

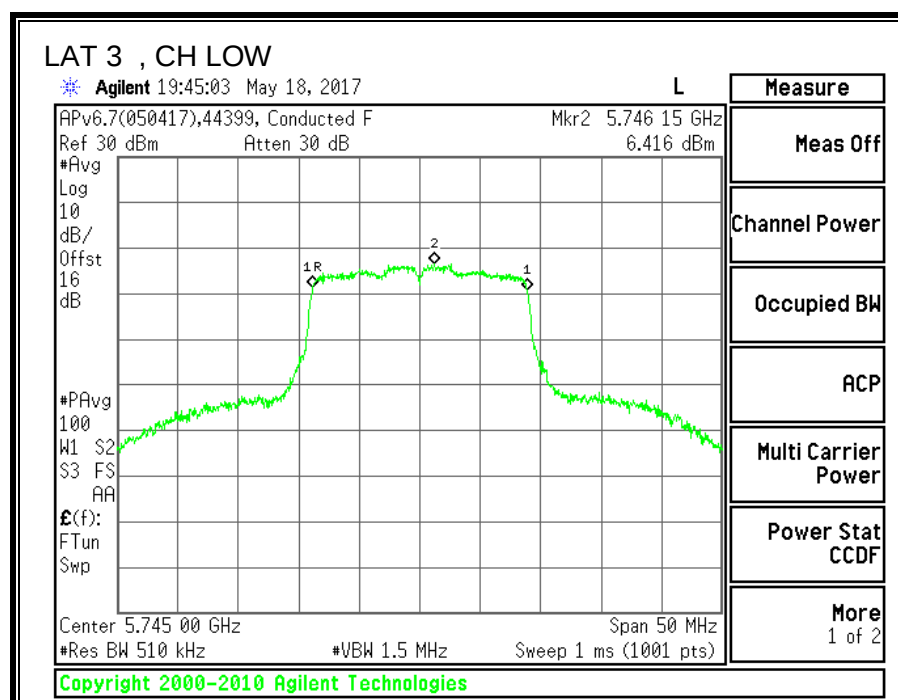
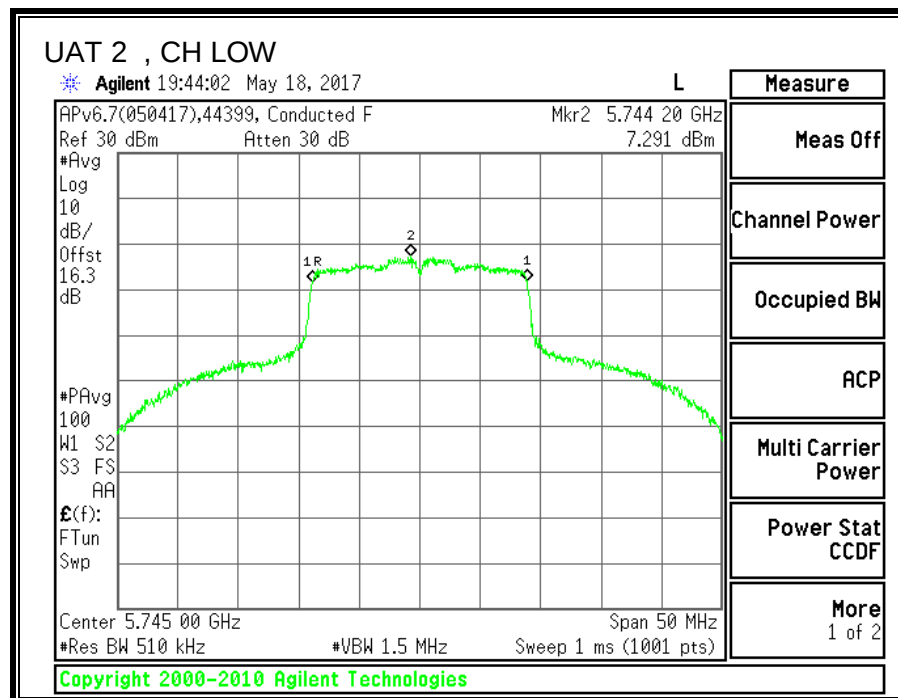
### Antenna Gain and Limits

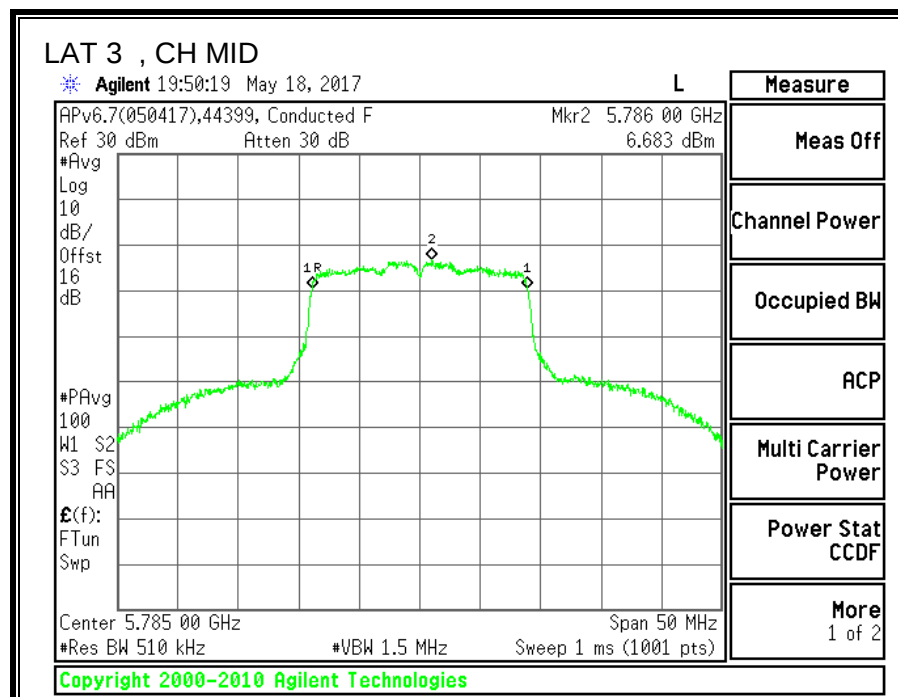
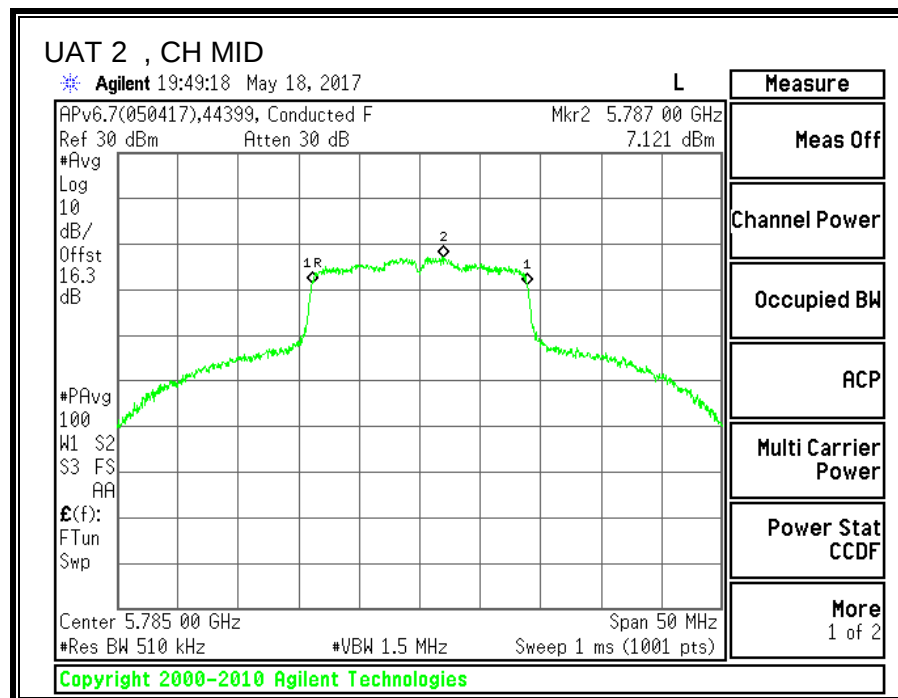
| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | PSD<br>Limit<br>(dBm/500K<br>Hz) |
|---------|--------------------|------------------------------|----------------------------------|
| Low     | 5745               | -1.82                        | 30.00                            |
| Mid     | 5785               | -1.82                        | 30.00                            |
| High    | 5825               | -1.82                        | 30.00                            |

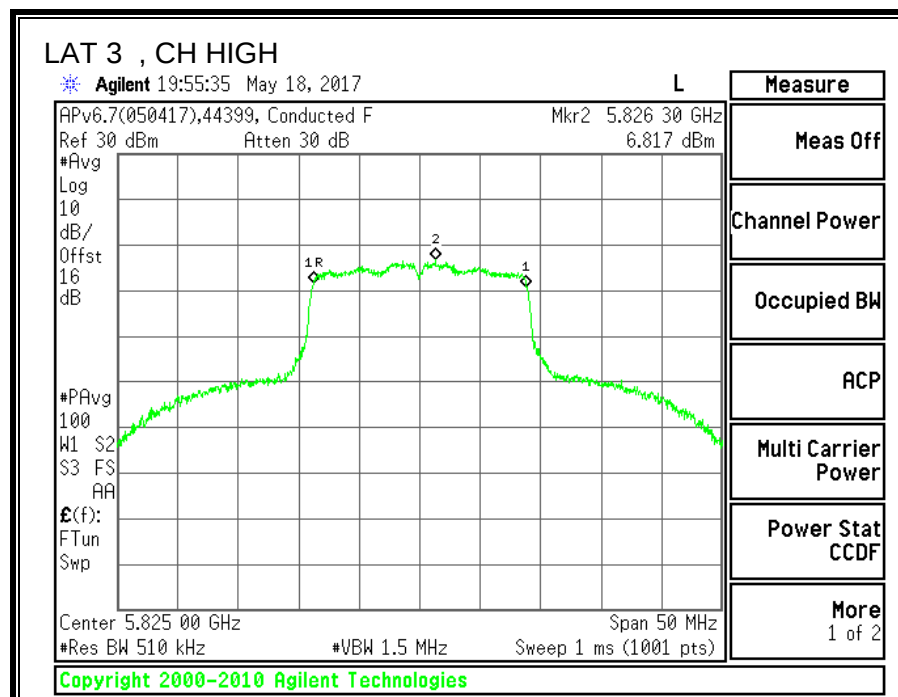
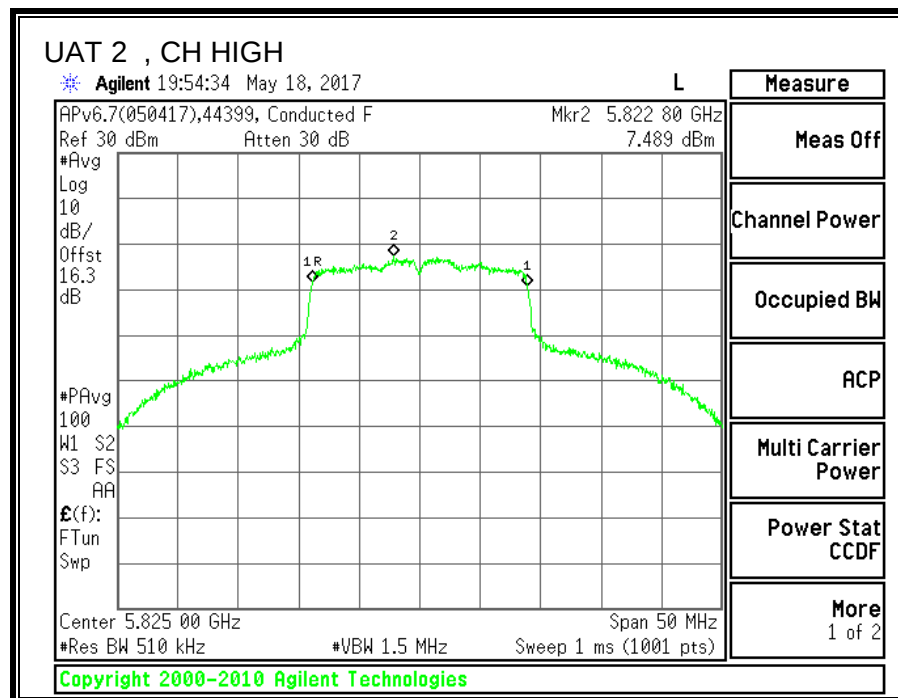
|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### PSD Results

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>PSD<br>(dBm/500K<br>Hz) | LAT 3<br>Meas<br>PSD<br>(dBm/500K<br>Hz) | Total<br>Corr'd<br>PSD<br>(dBm/500K<br>Hz) | PSD<br>Limit<br>(dBm/500K<br>Hz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|------------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 5745               | 7.291                                    | 6.416                                    | 9.89                                       | 30.00                            | -20.11                |
| Mid     | 5785               | 7.121                                    | 6.683                                    | 9.92                                       | 30.00                            | -20.08                |
| High    | 5825               | 7.489                                    | 6.817                                    | 10.18                                      | 30.00                            | -19.82                |







### 8.31. 11n HT40 UAT 2 SISO MODE IN THE 5.8GHz BAND

#### 8.31.1. 6 dB BANDWIDTH

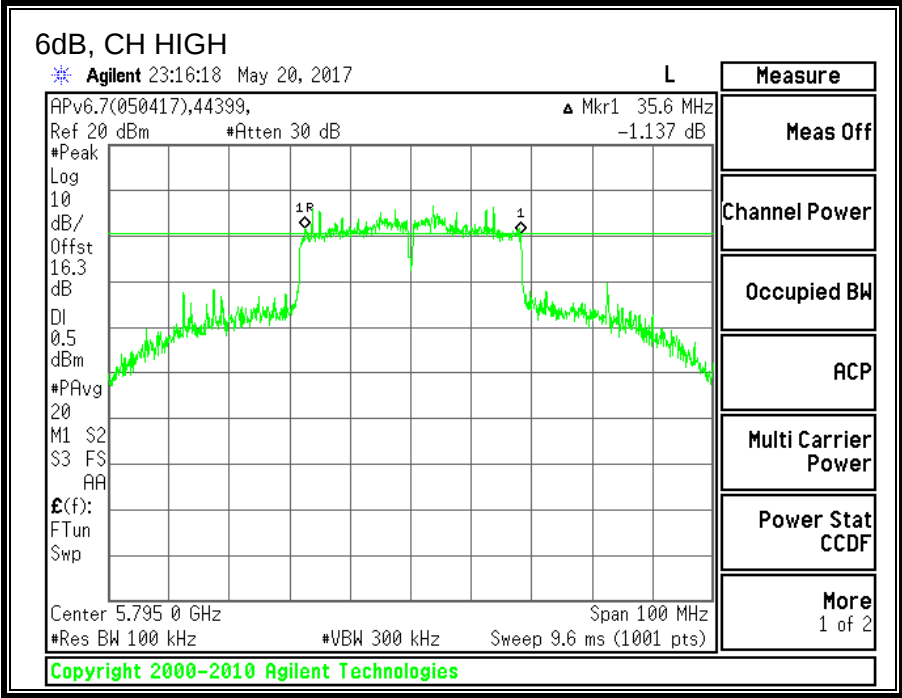
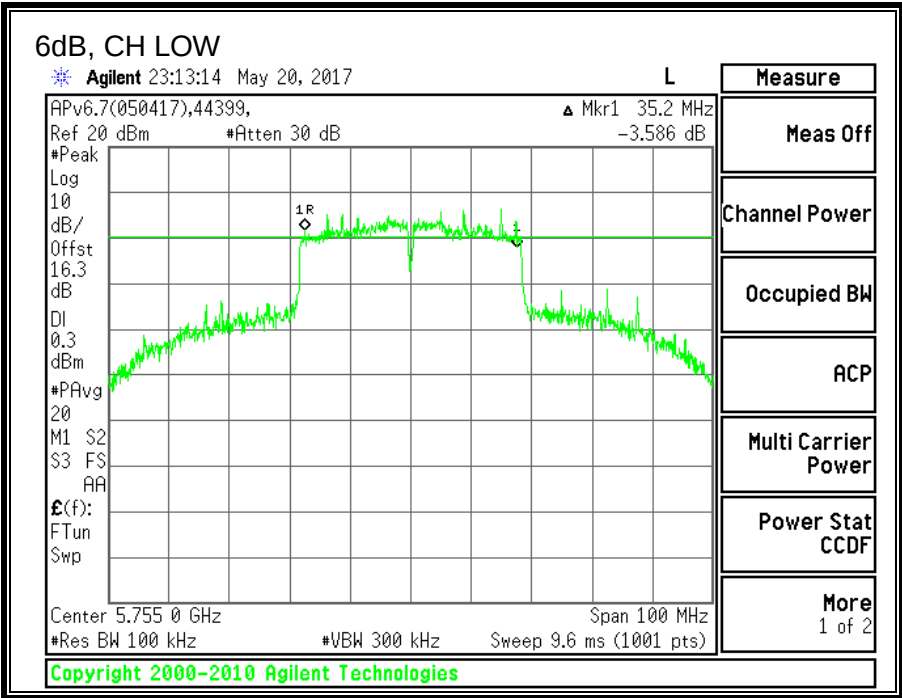
##### LIMITS

FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.

##### RESULTS

| Channel | Frequency | 6 dB BW<br>UAT 2<br>(MHz) | Minimum Limit<br>(MHz) |
|---------|-----------|---------------------------|------------------------|
| Low     | 5755      | 35.2                      | 0.5                    |
| High    | 5795      | 35.6                      | 0.5                    |



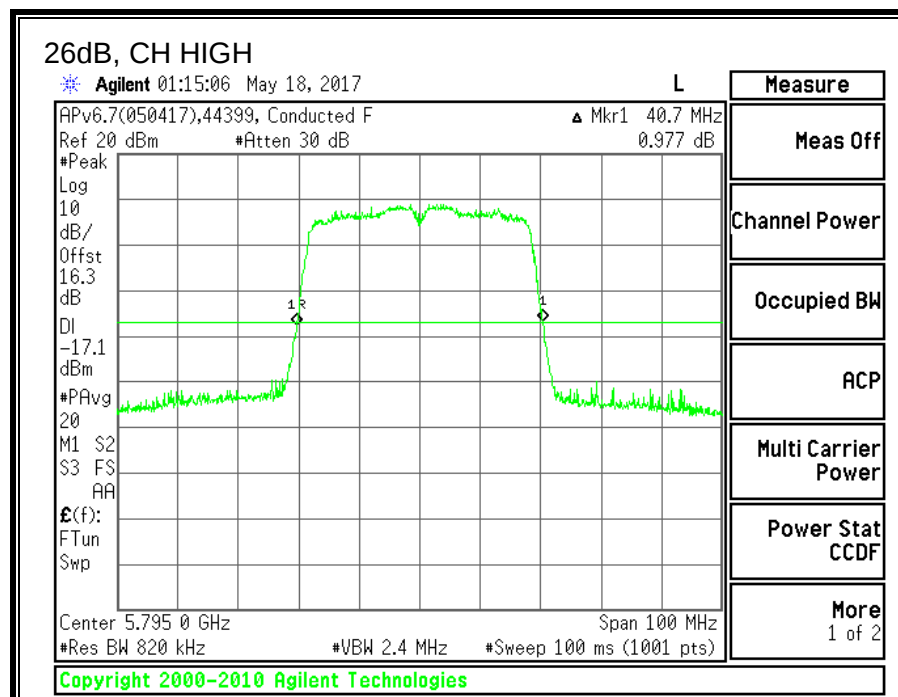
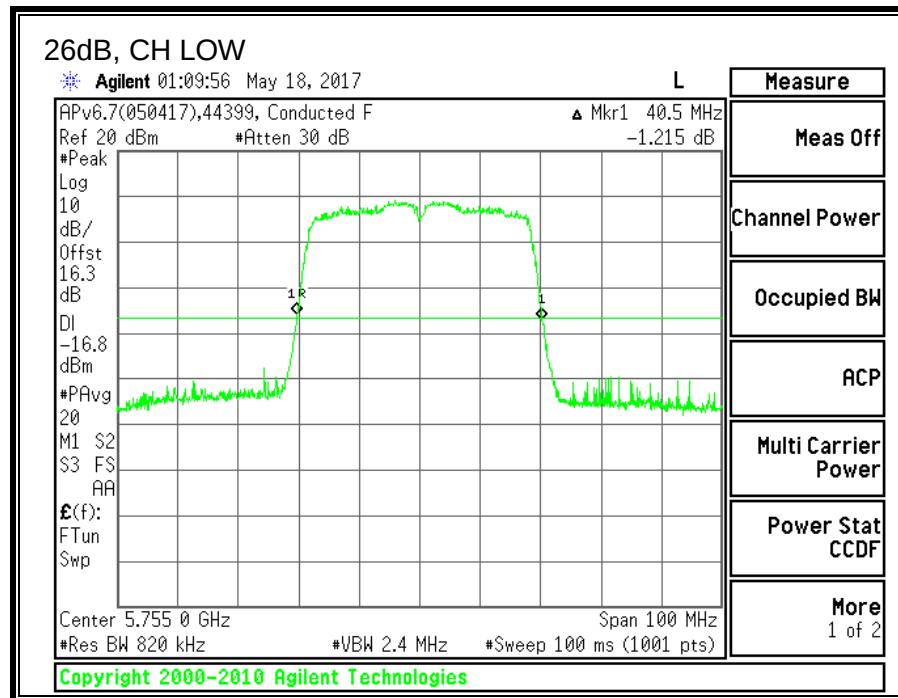
### 8.31.2. 26 dB BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 26 dB BW<br>UAT 2<br>(MHz) |
|---------|-----------|----------------------------|
| Low     | 5755      | 40.5                       |
| High    | 5795      | 40.7                       |



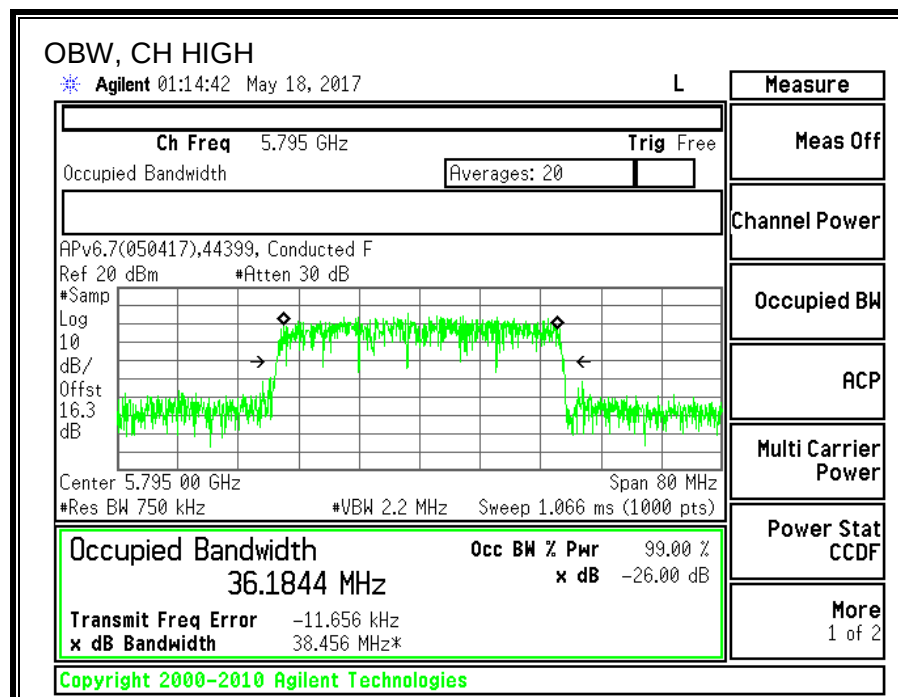
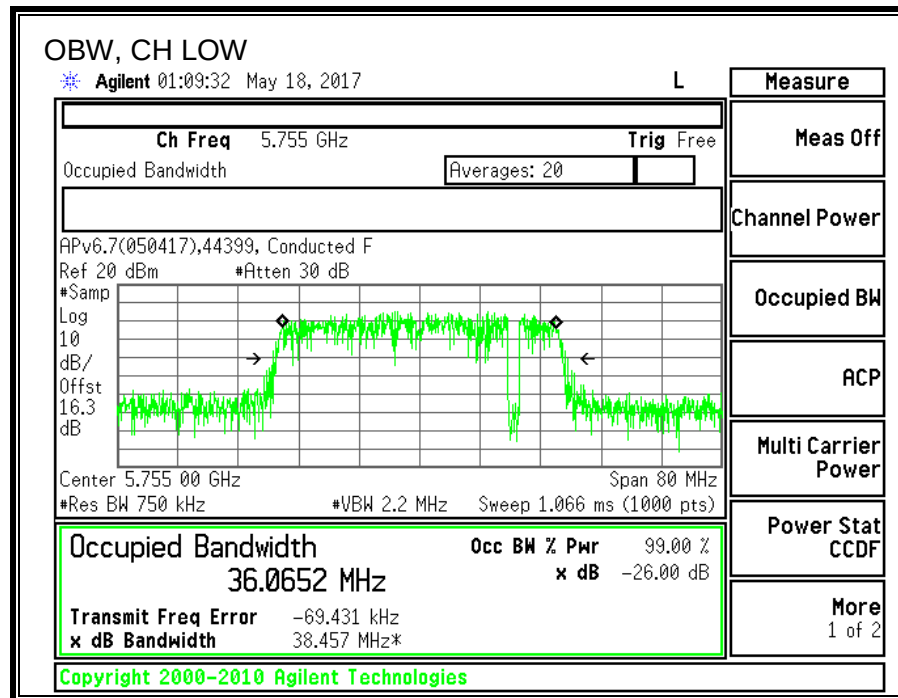
### 8.31.3. 99% BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 99% BW<br>UAT 2<br>(MHz) |
|---------|-----------|--------------------------|
| Low     | 5755      | 36.0652                  |
| High    | 5795      | 36.1844                  |



#### 8.31.4. AVERAGE POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

None; for reporting purposes only.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

#### RESULTS

| Channel | Frequency | Power UAT<br>2 (dBm) |
|---------|-----------|----------------------|
| Low     | 5755      | 19.47                |
| High    | 5795      | 19.38                |

### 8.31.5. OUTPUT POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### **LIMITS**

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **TEST PROCEDURE**

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### **DIRECTIONAL ANTENNA GAIN**

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

## **RESULTS**

### **Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|------------------------------|-------------------------|
| Low     | 5755               | -3.57                        | 30.00                   |
| High    | 5795               | -3.57                        | 30.00                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5755               | 19.47                           | 19.47                             | 30.00                   | -10.53                  |
| High    | 5795               | 19.38                           | 19.38                             | 30.00                   | -10.62                  |

---

### **8.31.6. POWER SPECTRAL DENSITY**

#### **LIMITS**

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **DIRECTIONAL ANTENNA GAIN**

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

## RESULTS

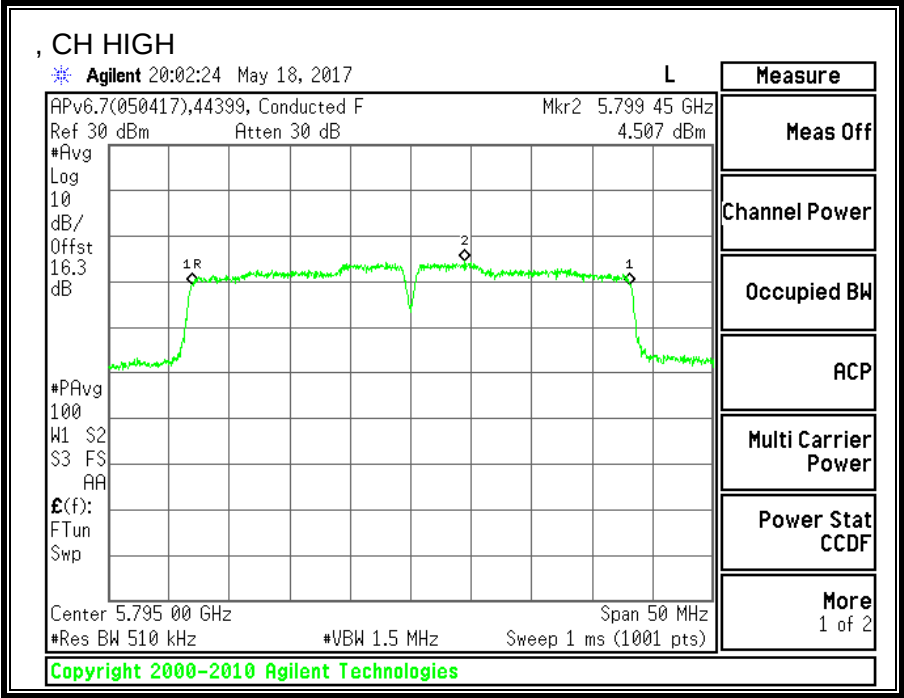
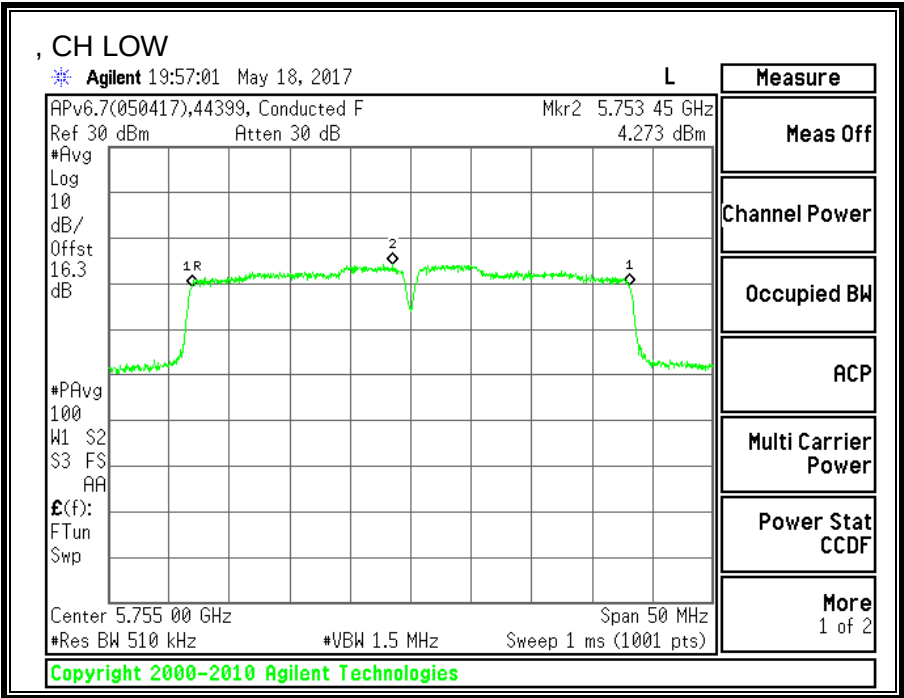
### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | PSD<br>Limit<br>(dBm/500K<br>Hz) |
|---------|--------------------|------------------------------|----------------------------------|
| Low     | 5755               | -3.57                        | 30.00                            |
| High    | 5795               | -3.57                        | 30.00                            |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.10 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### PSD Results

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>PSD<br>(dBm/500K<br>Hz) | Total<br>Corr'd<br>PSD<br>(dBm/500K<br>Hz) | PSD<br>Limit<br>(dBm/500K<br>Hz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 5755               | 4.273                                    | 4.37                                       | 30.00                            | -25.63                |
| High    | 5795               | 4.507                                    | 4.61                                       | 30.00                            | -25.39                |



## **8.32. 11n HT40 LAT 3 SISO MODE IN THE 5.8GHz BAND**

### **8.32.1. 6 dB BANDWIDTH**

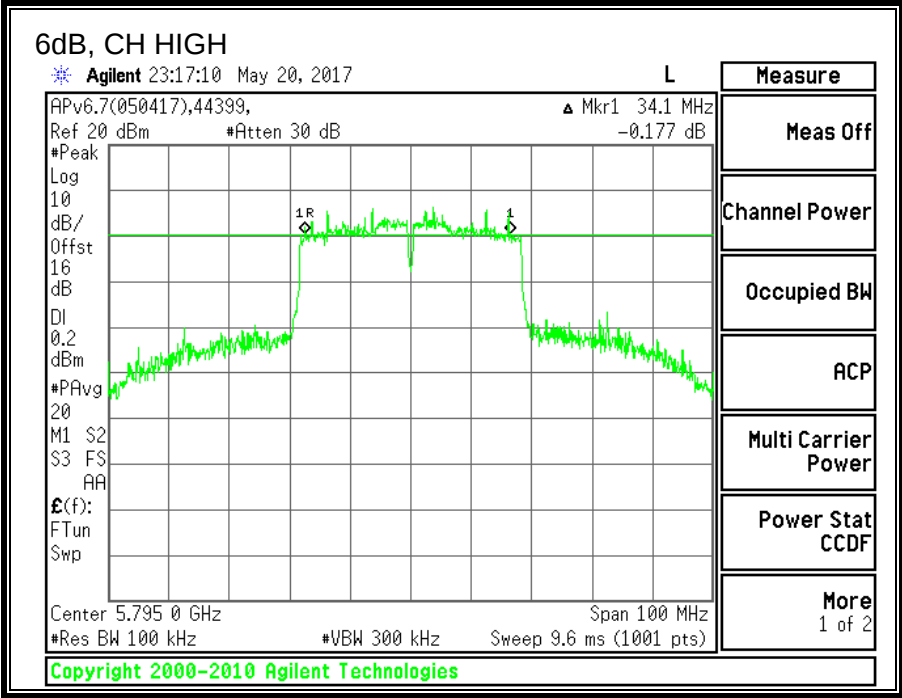
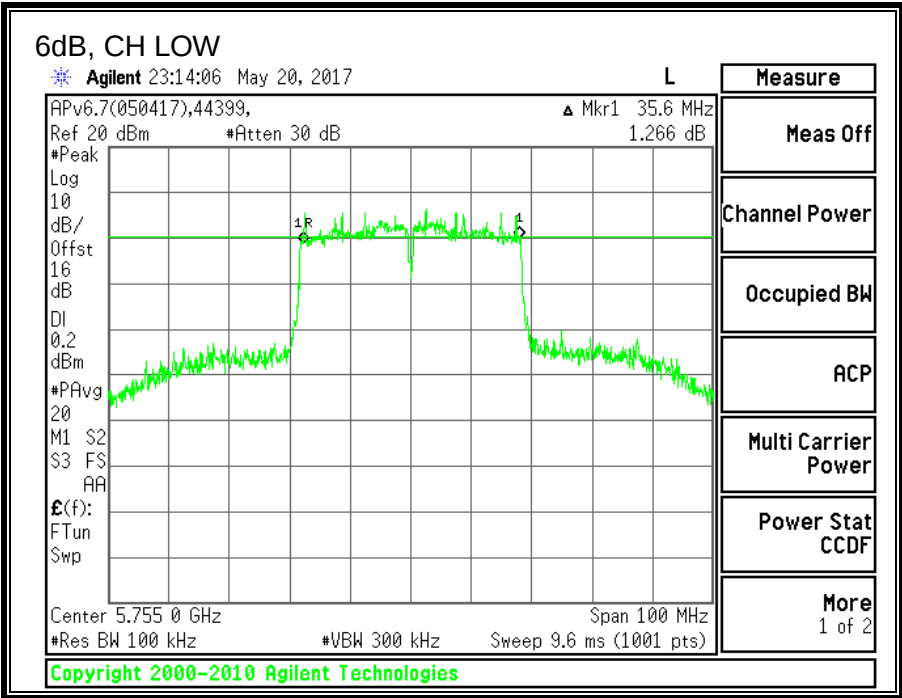
#### **LIMITS**

FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.

#### **RESULTS**

| Channel | Frequency | 6 dB BW<br>LAT 3<br>(MHz) | Minimum Limit<br>(MHz) |
|---------|-----------|---------------------------|------------------------|
| Low     | 5755      | 35.6                      | 0.5                    |
| High    | 5795      | 34.1                      | 0.5                    |



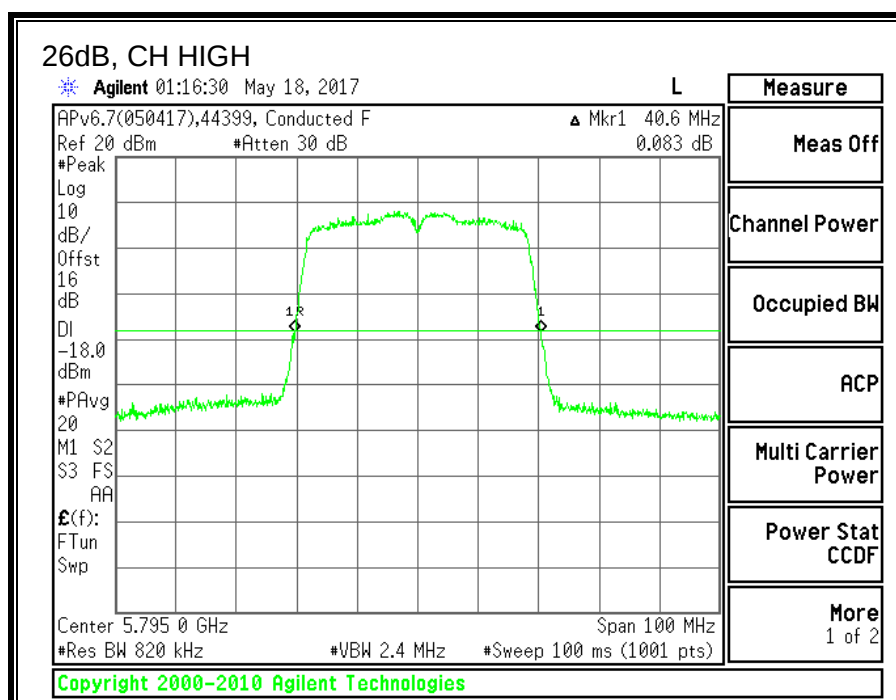
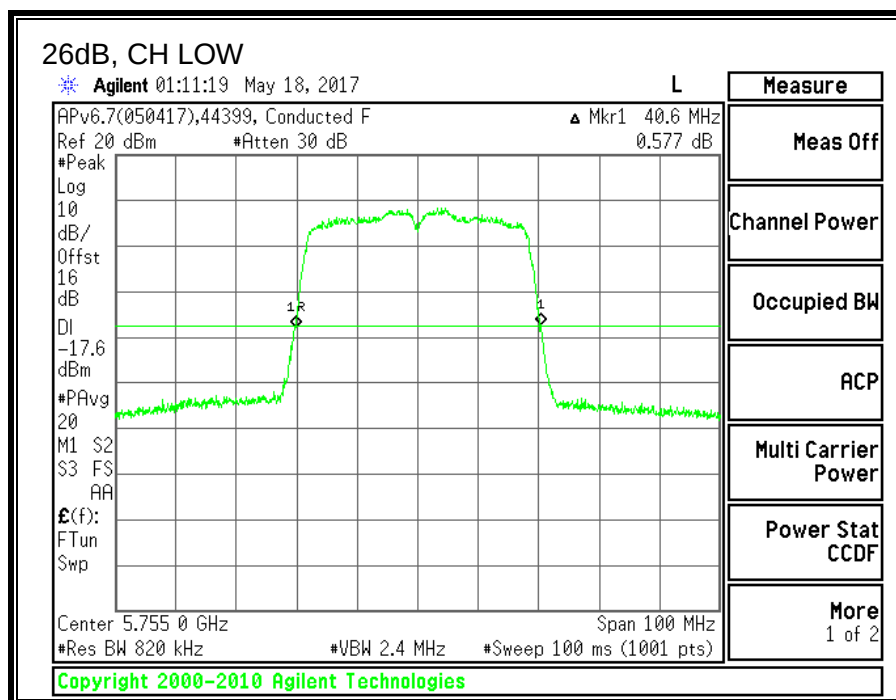
### 8.32.2. 26 dB BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 26 dB BW<br>LAT 3<br>(MHz) |
|---------|-----------|----------------------------|
| Low     | 5755      | 40.6                       |
| High    | 5795      | 40.6                       |



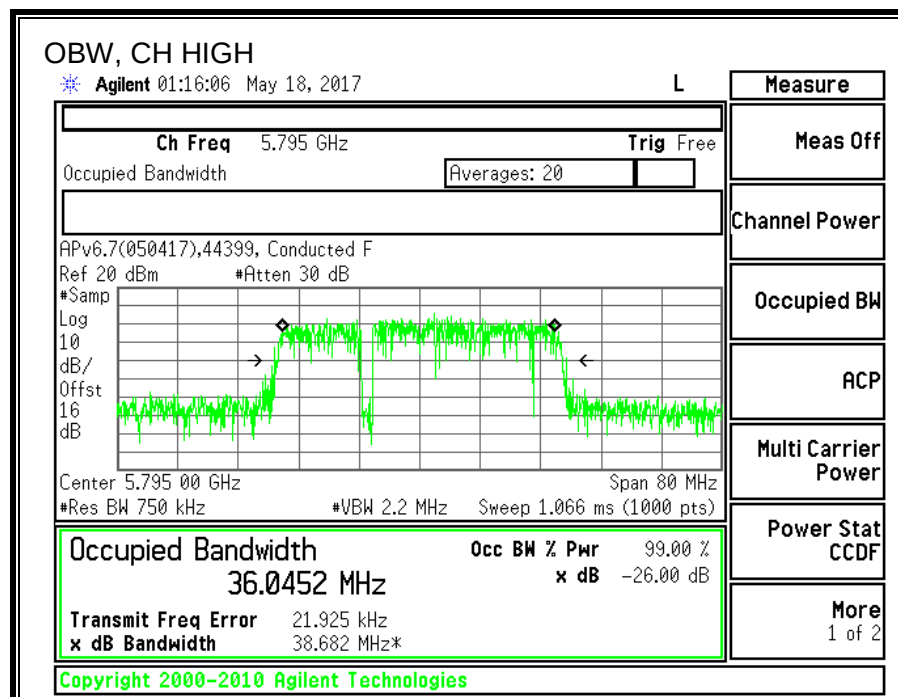
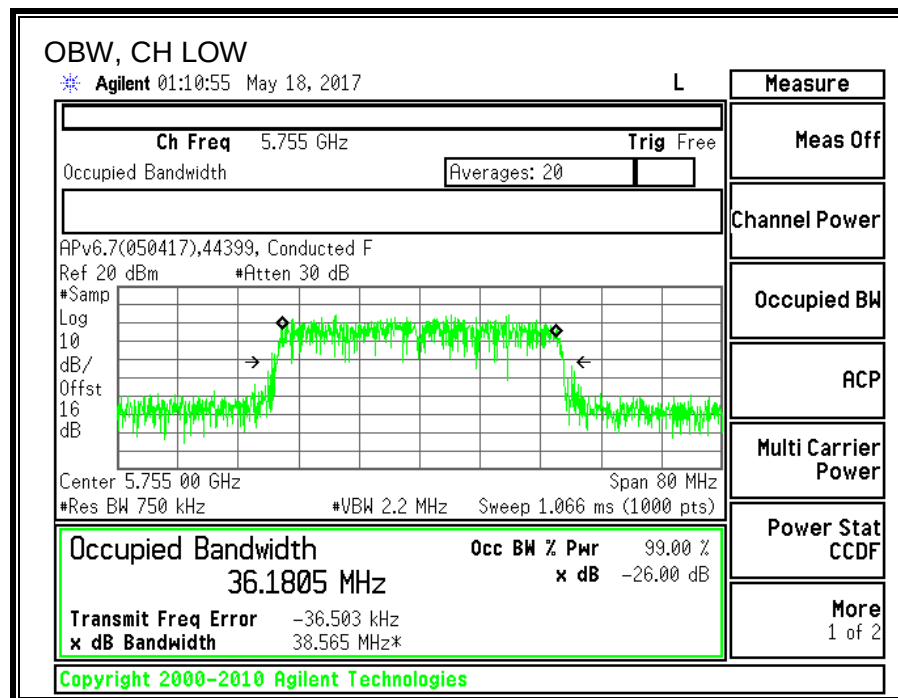
### 8.32.3. 99% BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 99% BW<br>LAT 3<br>(MHz) |
|---------|-----------|--------------------------|
| Low     | 5755      | 36.1805                  |
| High    | 5795      | 36.0452                  |



#### 8.32.4. AVERAGE POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

None; for reporting purposes only.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

#### RESULTS

| Channel | Frequency | Power LAT<br>3 (dBm) |
|---------|-----------|----------------------|
| Low     | 5755      | 19.22                |
| High    | 5795      | 19.30                |

### 8.32.5. OUTPUT POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### **LIMITS**

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **TEST PROCEDURE**

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### **DIRECTIONAL ANTENNA GAIN**

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

## **RESULTS**

### **Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|------------------------------|-------------------------|
| Low     | 5755               | -6.31                        | 30.00                   |
| High    | 5795               | -6.31                        | 30.00                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | LAT 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5755               | 19.22                           | 19.22                             | 30.00                   | -10.78                  |
| High    | 5795               | 19.30                           | 19.30                             | 30.00                   | -10.70                  |

---

### **8.32.6. POWER SPECTRAL DENSITY**

#### **LIMITS**

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **DIRECTIONAL ANTENNA GAIN**

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

## RESULTS

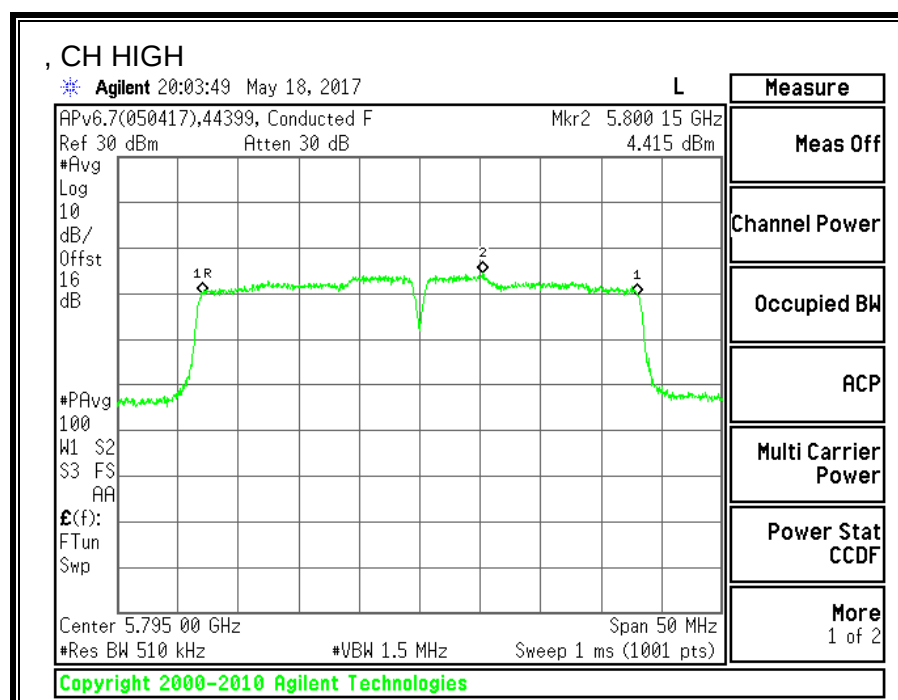
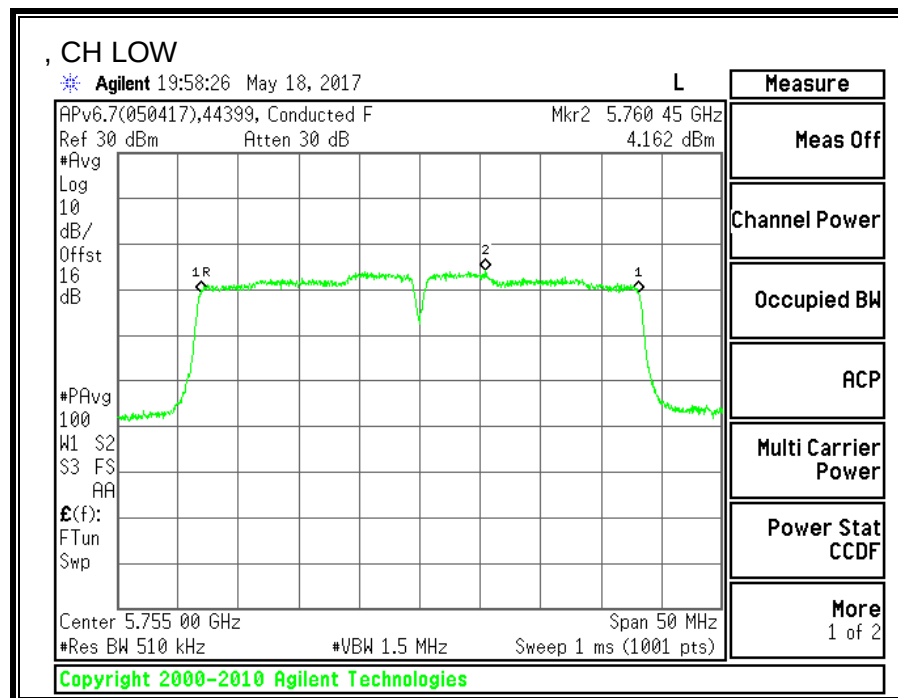
### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|------------------------------|
| Low     | 5755               | -6.31                        | 30.00                        |
| High    | 5795               | -6.31                        | 30.00                        |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.10 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### PSD Results

| Channel | Frequency<br>(MHz) | LAT 3<br>Meas<br>PSD<br>(dBm/500K<br>Hz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500K<br>Hz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|----------------------------------|-----------------------|
| Low     | 5755               | 4.162                                    | 4.26                                   | 30.00                            | -25.74                |
| High    | 5795               | 4.415                                    | 4.52                                   | 30.00                            | -25.49                |



### **8.33. 11n HT40 2TX CDD MIMO MODE IN THE 5.8GHz BAND**

#### **8.33.1. 6 dB BANDWIDTH**

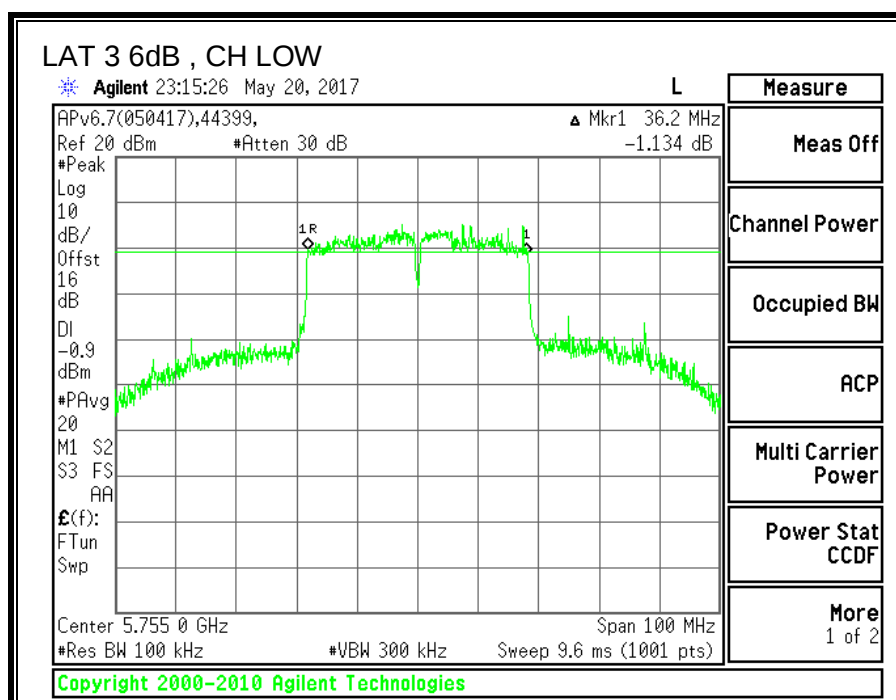
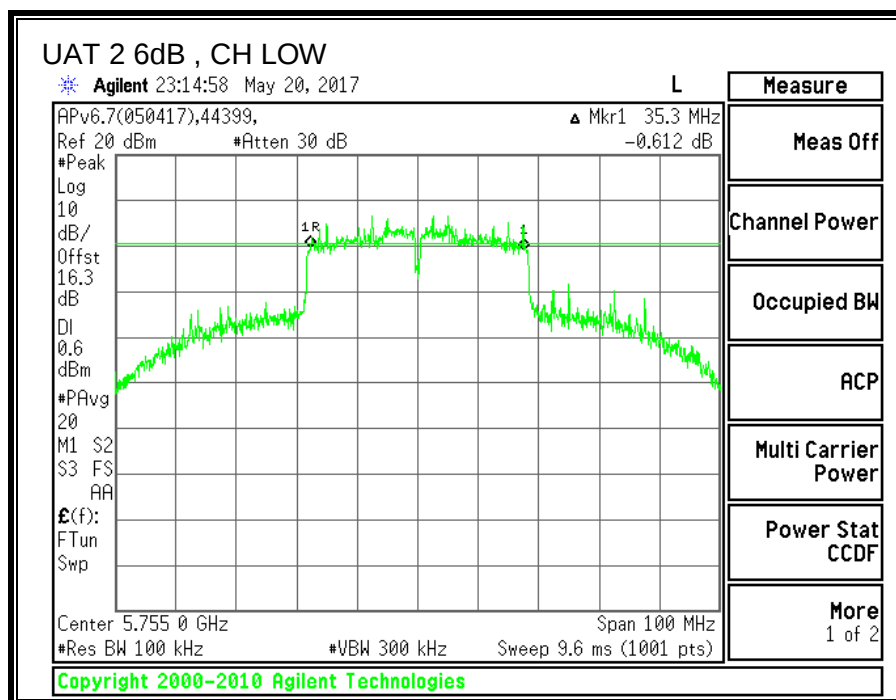
##### **LIMITS**

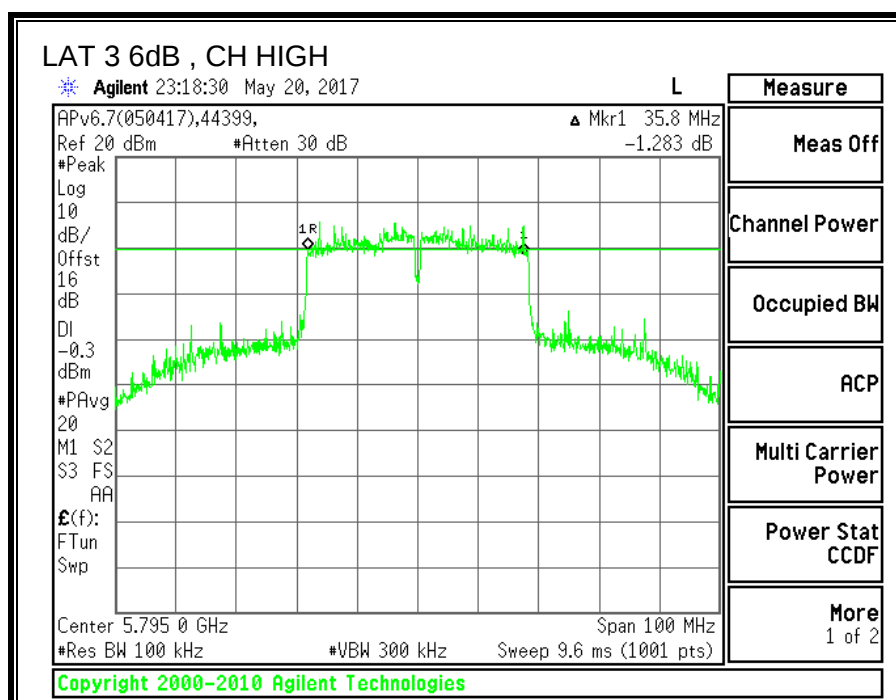
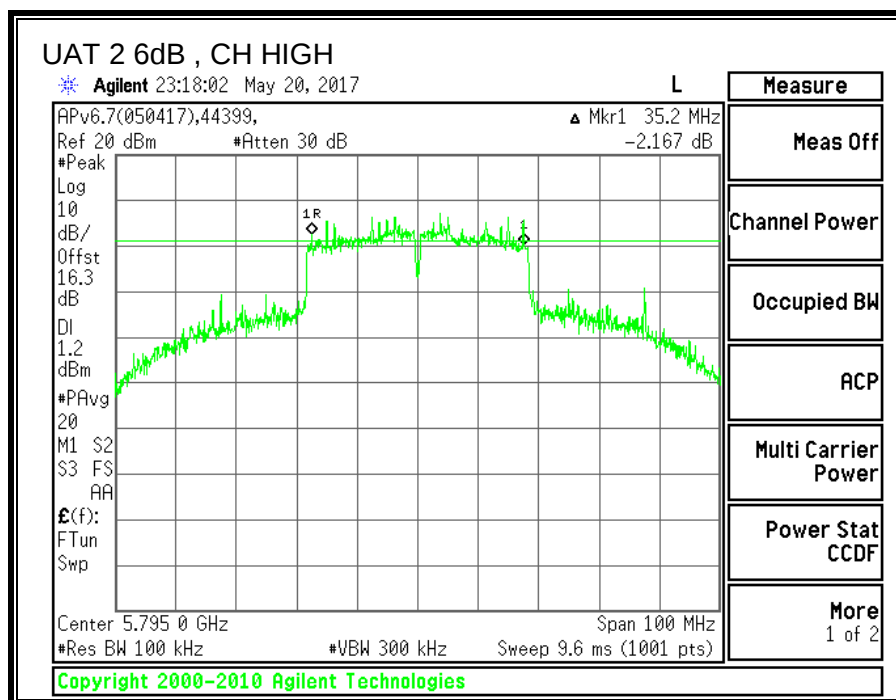
FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.

##### **RESULTS**

| Channel | Frequency | 6 dB BW<br>UAT 2<br>(MHz) | 6 dB BW<br>LAT 3<br>(MHz) | Minimum<br>Limit (MHz) |
|---------|-----------|---------------------------|---------------------------|------------------------|
| Low     | 5755      | 35.3                      | 36.2                      | 0.5                    |
| High    | 5795      | 35.2                      | 35.8                      | 0.5                    |





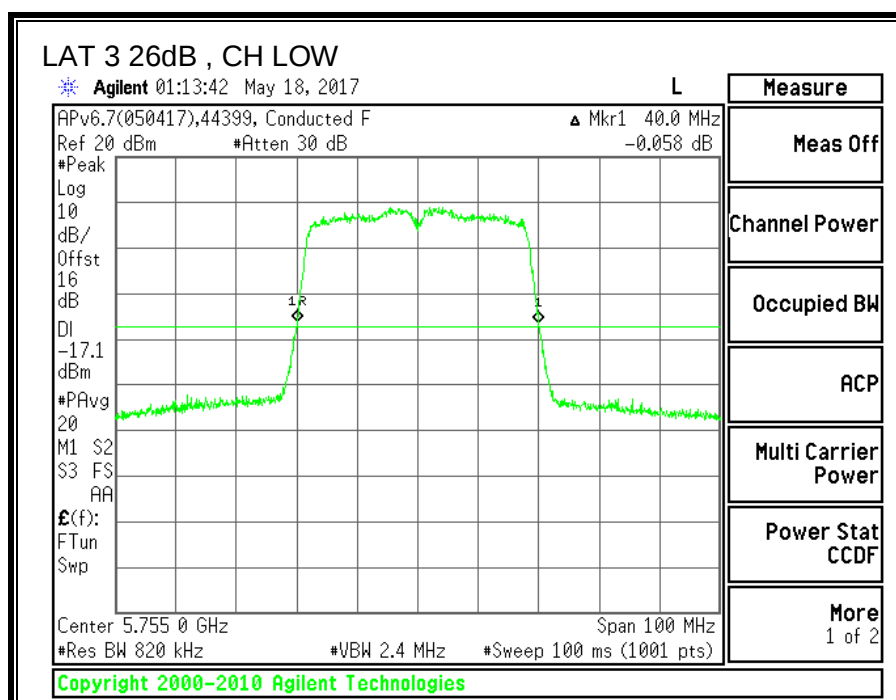
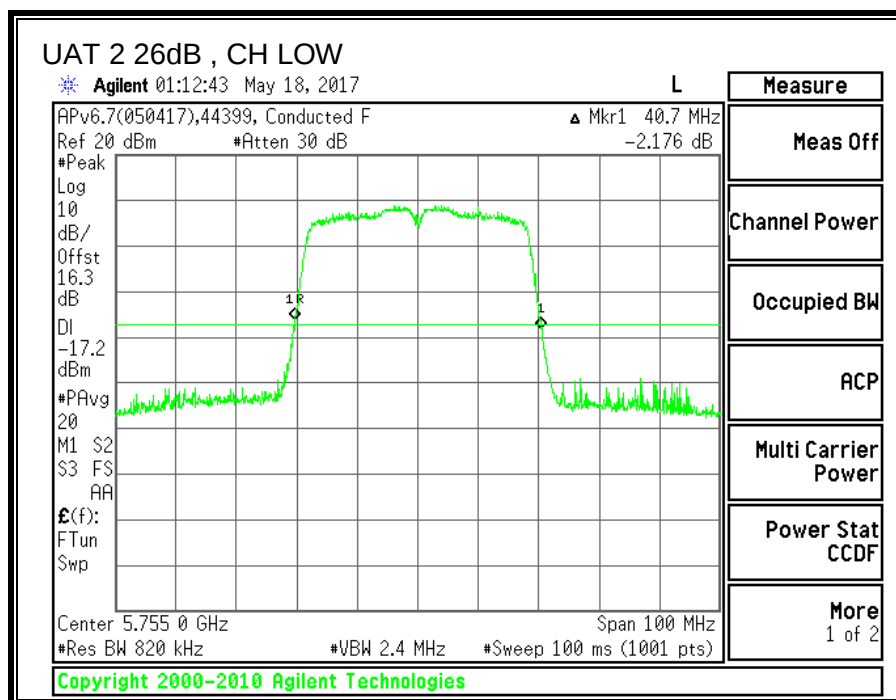
### 8.33.2. 26 dB BANDWIDTH

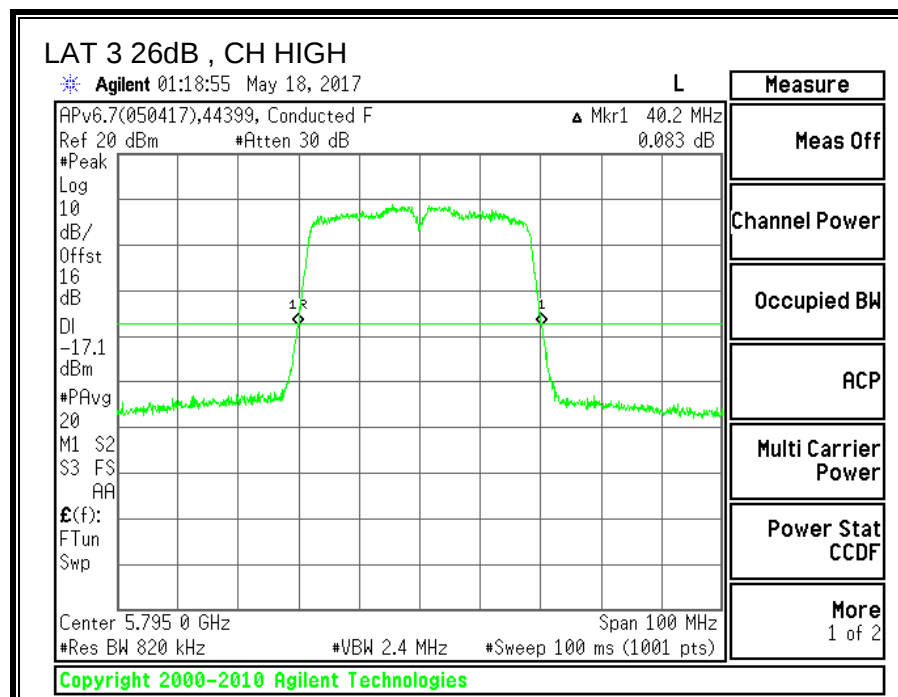
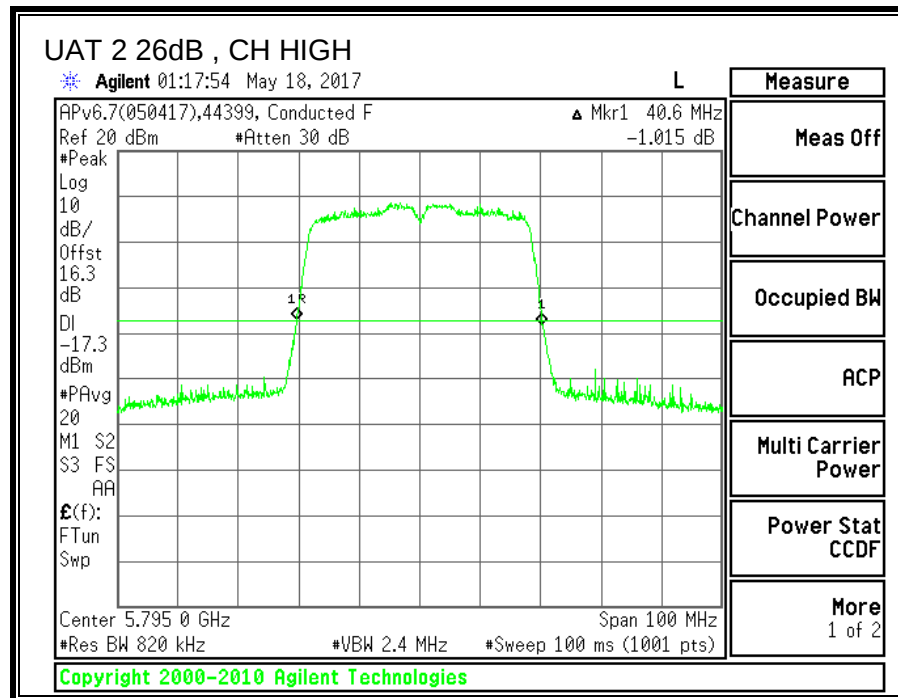
#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 26 dB BW<br>UAT 2<br>(MHz) | 26 dB BW<br>LAT 3<br>(MHz) |
|---------|-----------|----------------------------|----------------------------|
| Low     | 5755      | 40.7                       | 40.0                       |
| High    | 5795      | 40.6                       | 40.2                       |





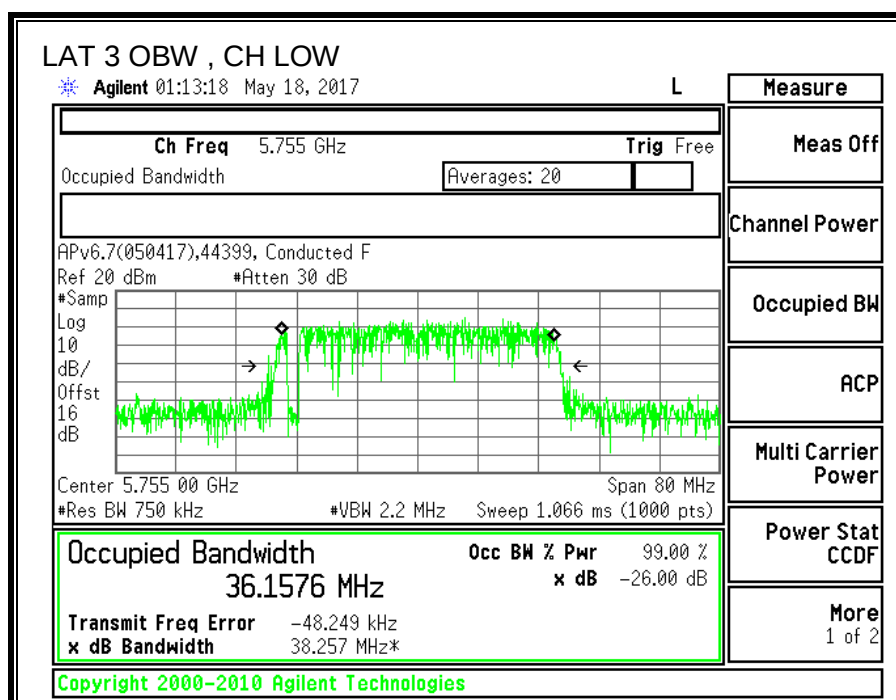
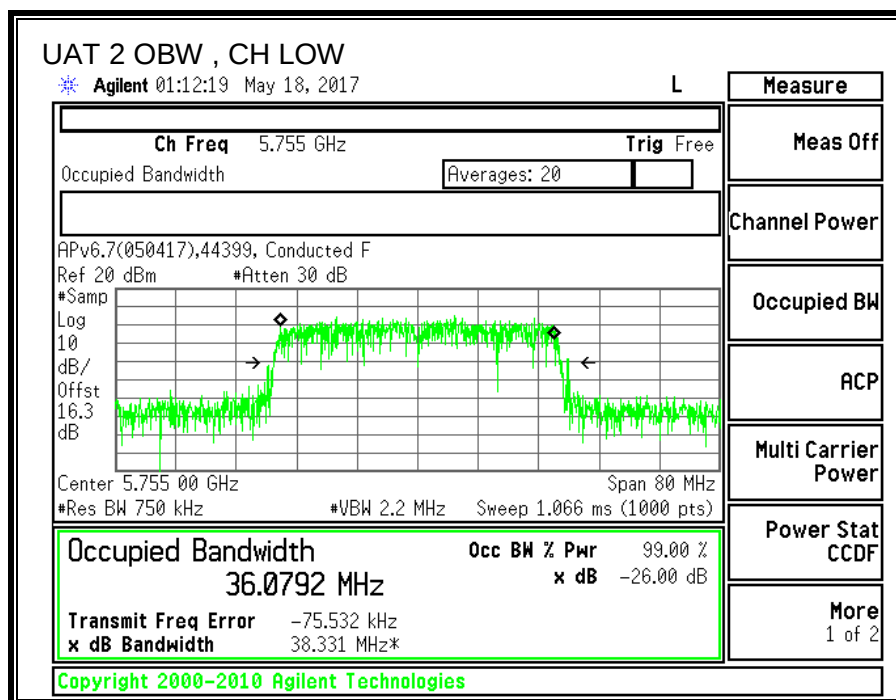
### 8.33.3. 99% BANDWIDTH

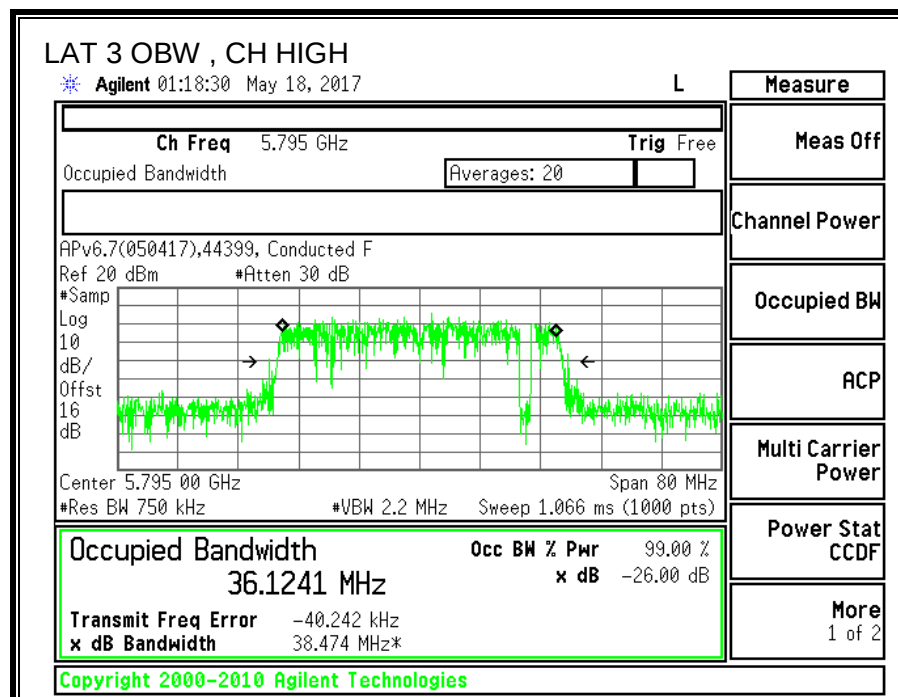
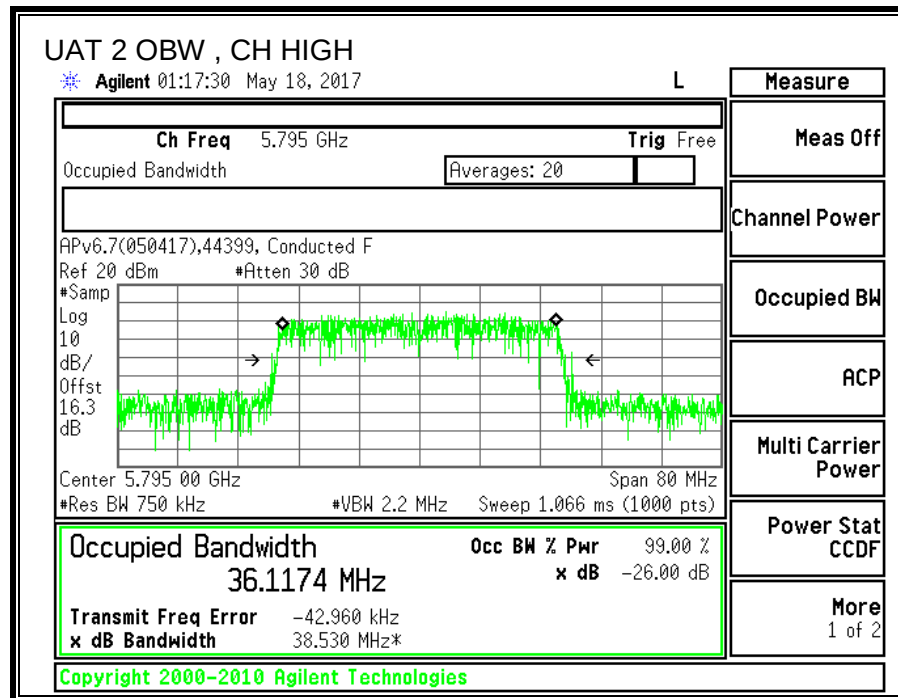
#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 99% BW<br>UAT 2<br>(MHz) | 99% BW<br>LAT 3<br>(MHz) |
|---------|-----------|--------------------------|--------------------------|
| Low     | 5755      | 36.079                   | 36.158                   |
| High    | 5795      | 36.117                   | 36.124                   |





#### 8.33.4. AVERAGE POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

None; for reporting purposes only.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

#### RESULTS

| Channel | Frequency<br>(MHz) | UAT 2<br>Power<br>(dBm) | LAT 3<br>Power<br>(dBm) | Total<br>Power<br>(dBm) |
|---------|--------------------|-------------------------|-------------------------|-------------------------|
| Low     | 5755               | 19.22                   | 19.38                   | 22.31                   |
| High    | 5795               | 19.24                   | 19.34                   | 22.30                   |

### 8.33.5. OUTPUT POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### DIRECTIONAL ANTENNA GAIN

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

| <b>UAT 2<br/>Antenna<br/>Gain<br/>(dBi)</b> | <b>LAT 3<br/>Antenna<br/>Gain<br/>(dBi)</b> | <b>Uncorrelated Chains<br/>Directional<br/>Gain<br/>(dBi)</b> |
|---------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| -3.57                                       | -6.31                                       | -4.73                                                         |

## **RESULTS**

### **Antenna Gain and Limit**

| <b>Channel</b> | <b>Frequency<br/>(MHz)</b> | <b>Directional<br/>Gain<br/>(dBi)</b> | <b>Power<br/>Limit<br/>(dBm)</b> |
|----------------|----------------------------|---------------------------------------|----------------------------------|
| Low            | 5755                       | -4.73                                 | 30.00                            |
| High           | 5795                       | -4.73                                 | 30.00                            |

### **Output Power Results**

| <b>Channel</b> | <b>Frequency<br/>(MHz)</b> | <b>UAT 2<br/>Meas<br/>Power<br/>(dBm)</b> | <b>LAT 3<br/>Meas<br/>Power<br/>(dBm)</b> | <b>Total<br/>Corr'd<br/>Power<br/>(dBm)</b> | <b>Power<br/>Limit<br/>(dBm)</b> | <b>Power<br/>Margin<br/>(dB)</b> |
|----------------|----------------------------|-------------------------------------------|-------------------------------------------|---------------------------------------------|----------------------------------|----------------------------------|
| Low            | 5755                       | 19.22                                     | 19.38                                     | 22.31                                       | 30.00                            | -7.69                            |
| High           | 5795                       | 19.24                                     | 19.34                                     | 22.30                                       | 30.00                            | -7.70                            |

### 8.33.6. POWER SPECTRAL DENSITY

#### LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### DIRECTIONAL ANTENNA GAIN

The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

| UAT 2<br>Antenna<br>Gain<br>(dBi) | LAT 3<br>Antenna<br>Gain<br>(dBi) | Correlated Chains<br>Directional<br>Gain<br>(dBi) |
|-----------------------------------|-----------------------------------|---------------------------------------------------|
| -3.57                             | -6.31                             | -1.82                                             |

## RESULTS

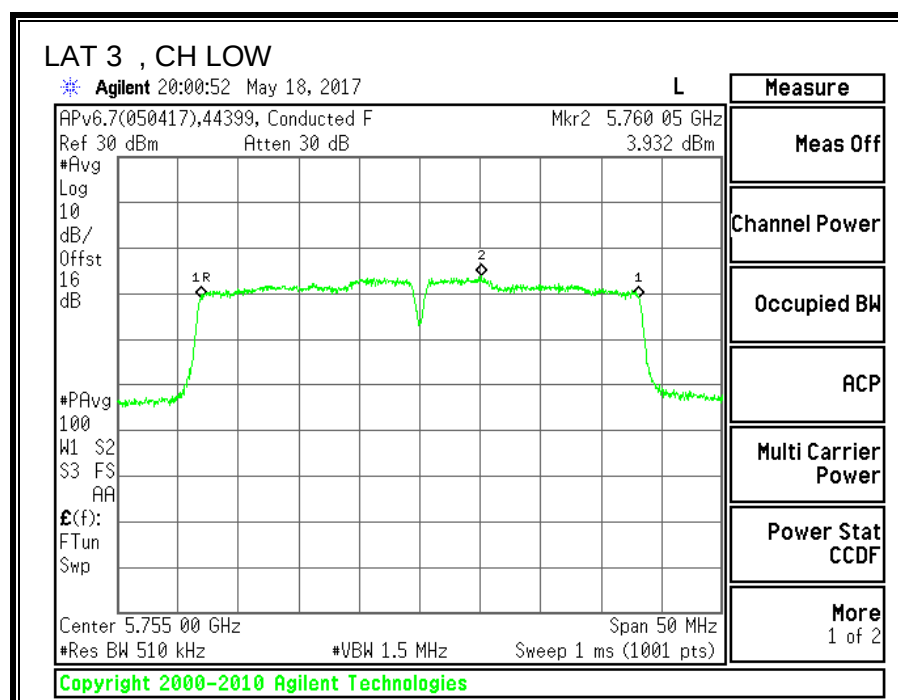
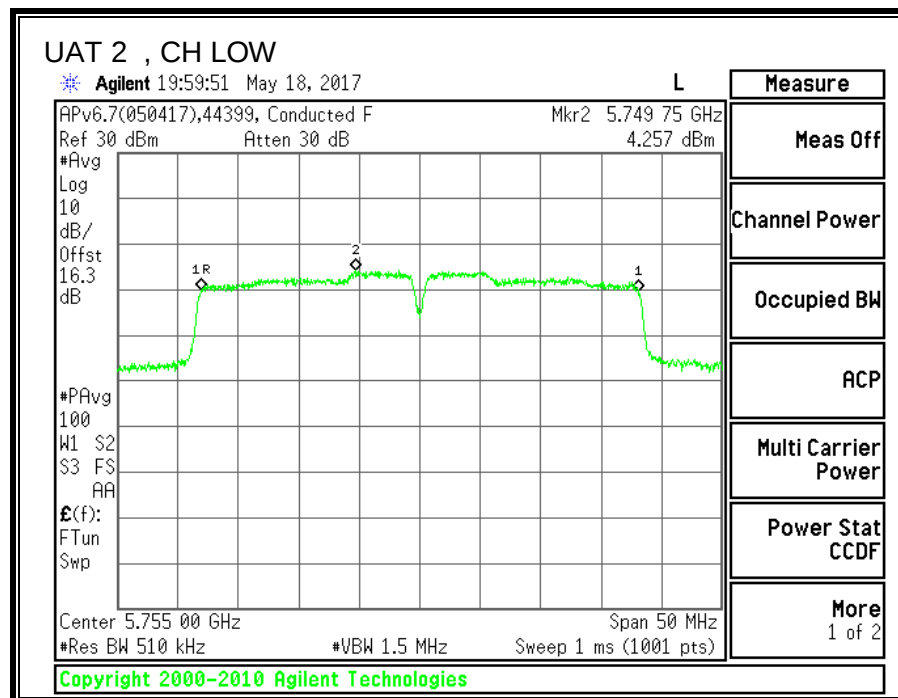
### Antenna Gain and Limit

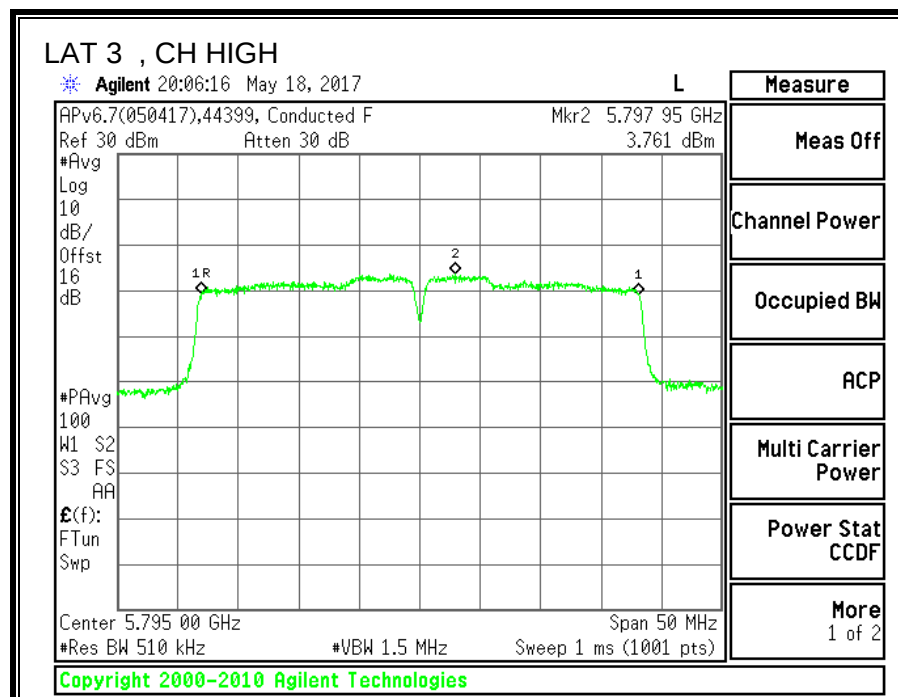
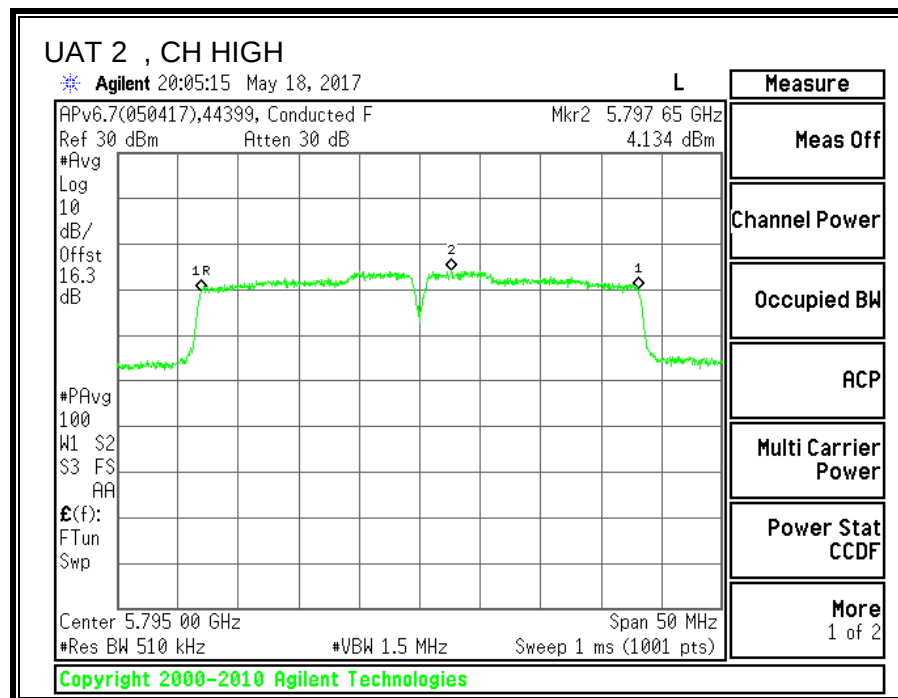
| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|------------------------------|
| Low     | 5755               | -1.82                        | 30.00                        |
| High    | 5795               | -1.82                        | 30.00                        |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.10 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### PSD Results

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>PSD<br>(dBm/500K<br>Hz) | LAT 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500K<br>Hz) | PSD<br>Limit<br>(dBm/500K<br>Hz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|--------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Low     | 5755               | 4.257                                    | 3.932                                | 7.21                                       | 30.00                            | -22.79                |
| High    | 5795               | 4.134                                    | 3.761                                | 7.06                                       | 30.00                            | -22.94                |





## **8.34. 11ac HT80 UAT 2 SISO MODE IN THE 5.8GHz BAND**

### **8.34.1. 6 dB BANDWIDTH**

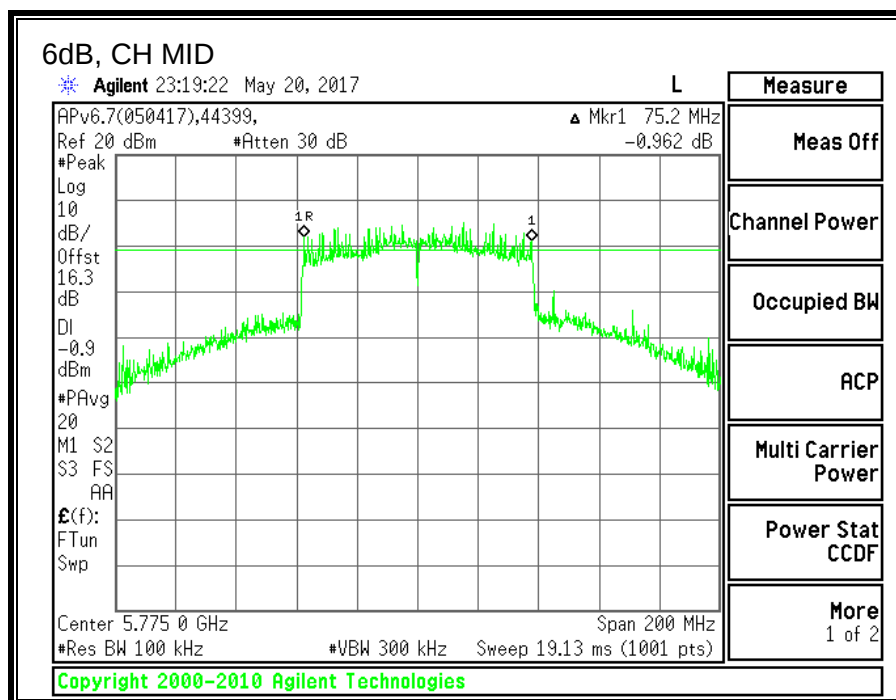
#### **LIMITS**

FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.

#### **RESULTS**

| Channel | Frequency | 6 dB BW<br>UAT 2<br>(MHz) | Minimum Limit<br>(MHz) |
|---------|-----------|---------------------------|------------------------|
| Mid     | 5775      | 75.2                      | 0.5                    |



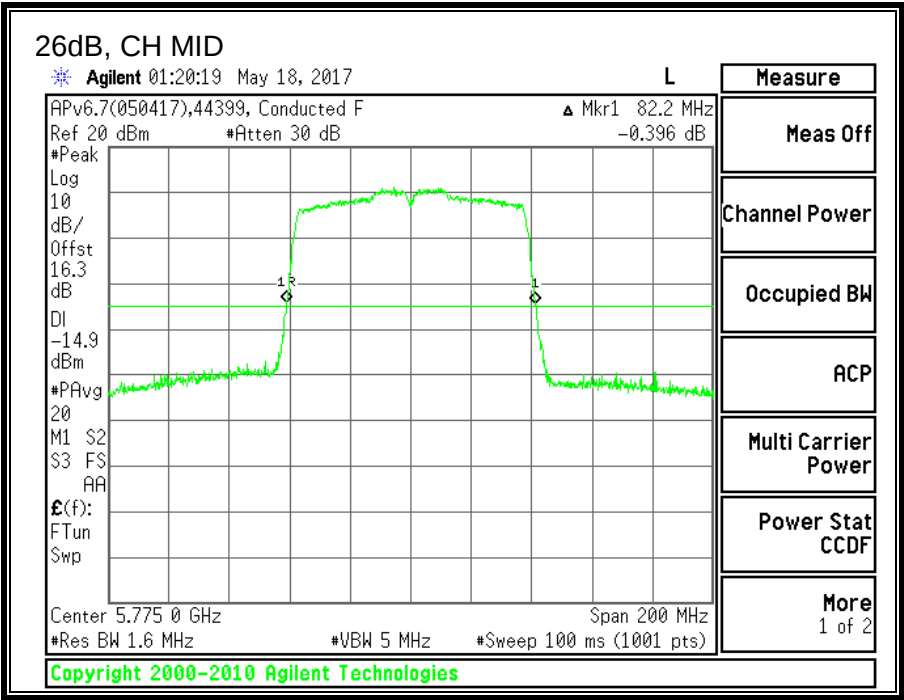
### 8.34.2. 26 dB BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 26 dB BW<br>UAT 2<br>(MHz) |
|---------|-----------|----------------------------|
| Mid     | 5775      | 82.2                       |



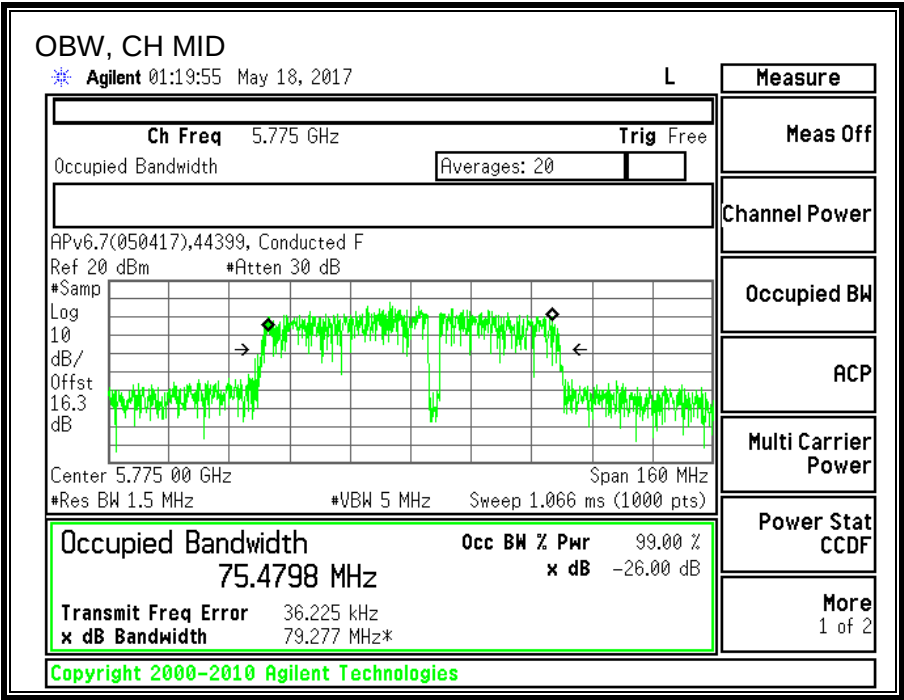
### 8.34.3. 99% BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 99% BW<br>UAT 2<br>(MHz) |
|---------|-----------|--------------------------|
| Mid     | 5775      | 75.4798                  |



#### 8.34.4. AVERAGE POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

None; for reporting purposes only.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

#### RESULTS

| Channel | Frequency | Power UAT<br>2 (dBm) |
|---------|-----------|----------------------|
| Mid     | 5775      | 19.44                |

#### 8.34.5. OUTPUT POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### DIRECTIONAL ANTENNA GAIN

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

## **RESULTS**

### **Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|------------------------------|-------------------------|
| Mid     | 5775               | -3.57                        | 30.00                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 19.44                           | 19.44                             | 30.00                   | -10.56                  |

---

### **8.34.6. POWER SPECTRAL DENSITY**

#### **LIMITS**

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **DIRECTIONAL ANTENNA GAIN**

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

## RESULTS

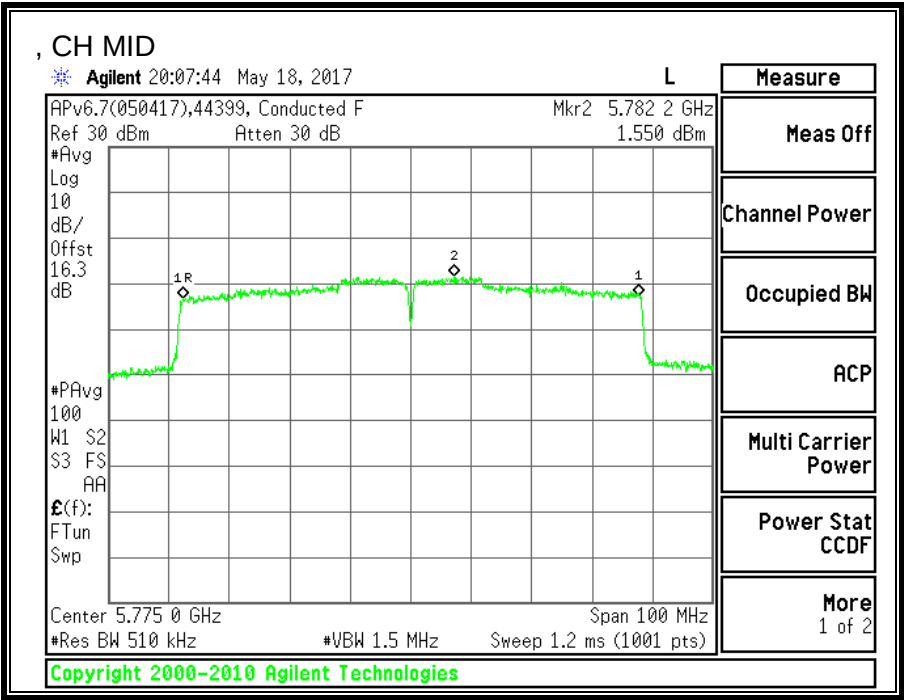
### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|------------------------------|
| Mid     | 5775               | -3.57                        | 30.00                        |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.19 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### PSD Results

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>PSD<br>(dBm/500K<br>Hz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500K<br>Hz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|----------------------------------|-----------------------|
| Mid     | 5775               | 1.55                                     | 1.74                                   | 30.00                            | -28.26                |



## **8.35. 11ac HT80 LAT 3 SISO MODE IN THE 5.8GHz BAND**

### **8.35.1. 6 dB BANDWIDTH**

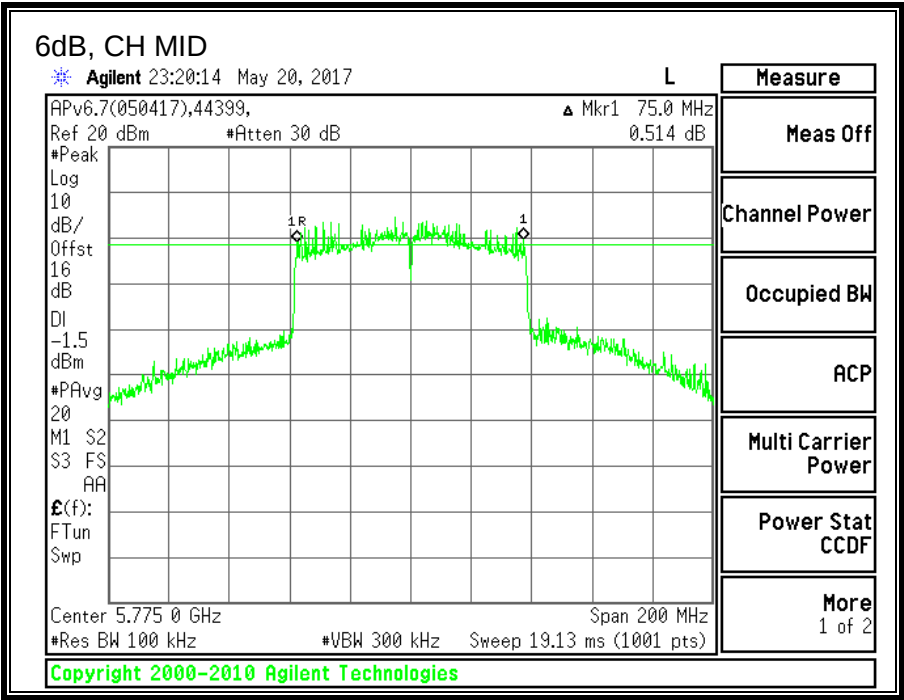
#### **LIMITS**

FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.

#### **RESULTS**

| Channel | Frequency | 6 dB BW<br>LAT 3<br>(MHz) | Minimum Limit<br>(MHz) |
|---------|-----------|---------------------------|------------------------|
| Mid     | 5775      | 75.2                      | 0.5                    |



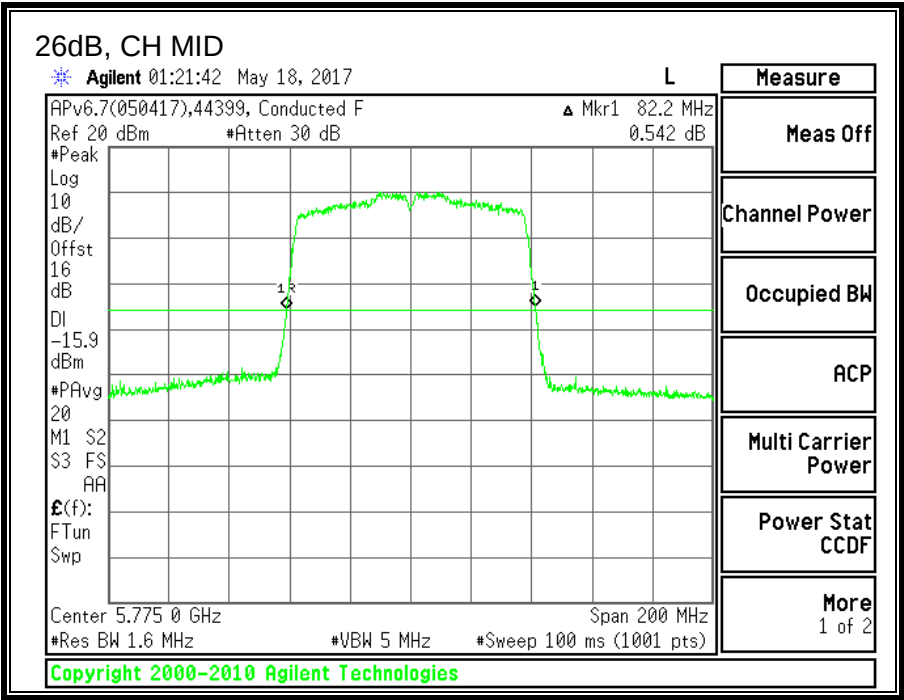
### 8.35.2. 26 dB BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 26 dB BW<br>LAT 3<br>(MHz) |
|---------|-----------|----------------------------|
| Mid     | 5775      | 82.2                       |



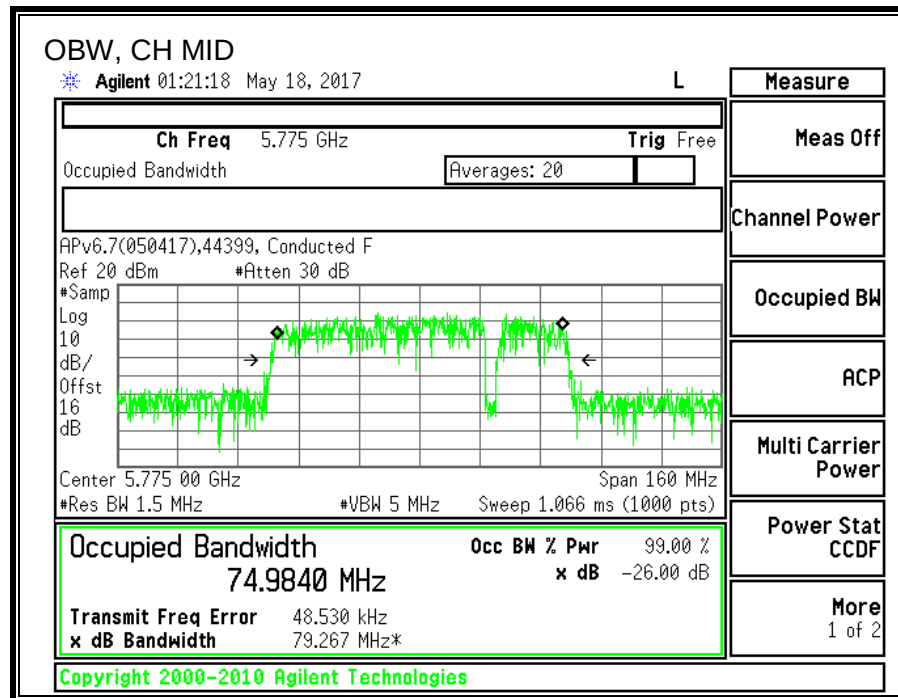
### 8.35.3. 99% BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 99% BW<br>LAT 3<br>(MHz) |
|---------|-----------|--------------------------|
| Mid     | 5775      | 74.9840                  |



#### 8.35.4. AVERAGE POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

None; for reporting purposes only.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

#### RESULTS

| Channel | Frequency | Power LAT<br>3 (dBm) |
|---------|-----------|----------------------|
| Mid     | 5775      | 19.41                |

### 8.35.5. OUTPUT POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### **LIMITS**

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **TEST PROCEDURE**

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### **DIRECTIONAL ANTENNA GAIN**

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

## **RESULTS**

### **Antenna Gain and Limit**

| <b>Channel</b> | <b>Frequency<br/>(MHz)</b> | <b>Directional<br/>Gain<br/>(dBi)</b> | <b>Power<br/>Limit<br/>(dBm)</b> |
|----------------|----------------------------|---------------------------------------|----------------------------------|
| Mid            | 5775                       | -6.31                                 | 30.00                            |

### **Output Power Results**

| <b>Channel</b> | <b>Frequency<br/>(MHz)</b> | <b>LAT 3<br/>Meas<br/>Power<br/>(dBm)</b> | <b>Total<br/>Corr'd<br/>Power<br/>(dBm)</b> | <b>Power<br/>Limit<br/>(dBm)</b> | <b>Power<br/>Margin<br/>(dB)</b> |
|----------------|----------------------------|-------------------------------------------|---------------------------------------------|----------------------------------|----------------------------------|
| Mid            | 5775                       | 19.41                                     | 19.41                                       | 30.00                            | -10.59                           |

---

### **8.35.6. POWER SPECTRAL DENSITY**

#### **LIMITS**

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **DIRECTIONAL ANTENNA GAIN**

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

## RESULTS

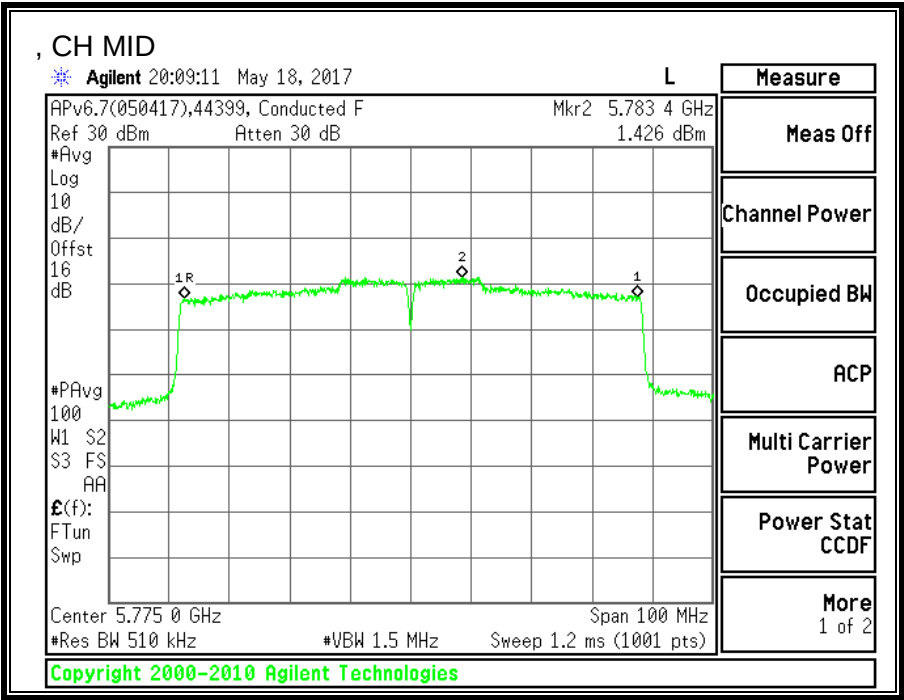
### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|------------------------------|
| Mid     | 5775               | -6.31                        | 30.00                        |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.19 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### PSD Results

| Channel | Frequency<br>(MHz) | LAT 3<br>Meas<br>PSD<br>(dBm/500K<br>Hz) | Total<br>Corr'd<br>PSD<br>(dBm/500KHz) | PSD<br>Limit<br>(dBm/500K<br>Hz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|----------------------------------------|----------------------------------|-----------------------|
| Mid     | 5775               | 1.426                                    | 1.62                                   | 30.00                            | -28.38                |



## **8.36. 11ac HT80 2TX CDD MIMO MODE IN THE 5.8GHz BAND**

### **8.36.1. 6 dB BANDWIDTH**

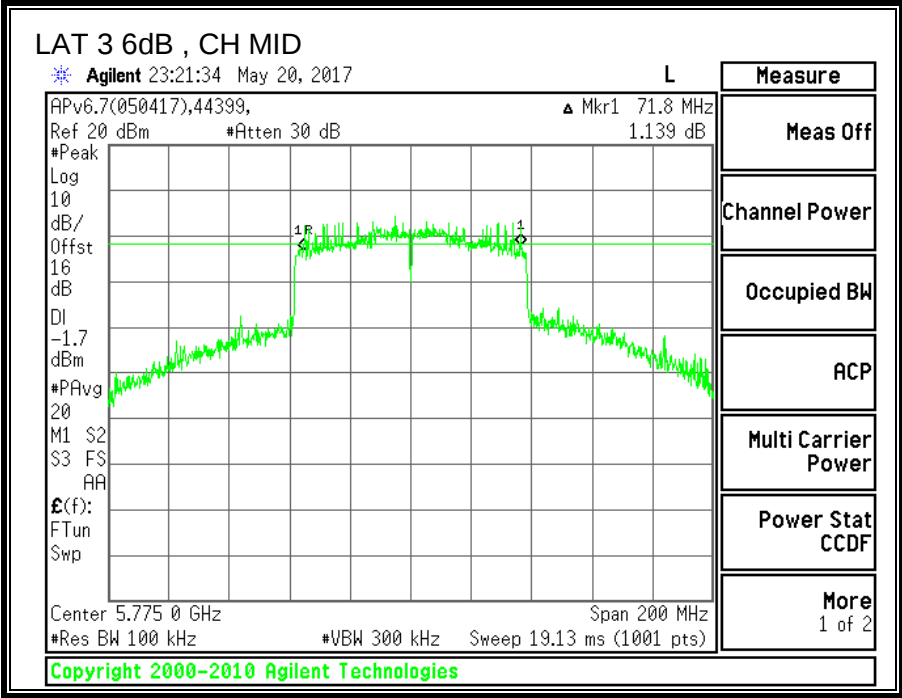
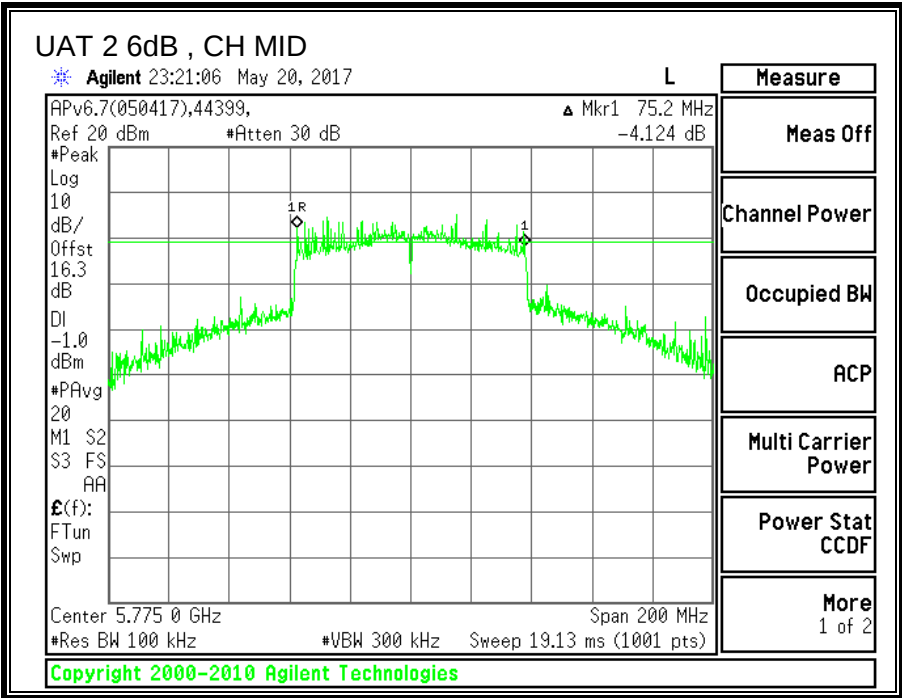
#### **LIMITS**

FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.

#### **RESULTS**

| Channel | Frequency | 6 dB BW<br>UAT 2<br>(MHz) | 6 dB BW<br>LAT 3<br>(MHz) | Minimum<br>Limit (MHz) |
|---------|-----------|---------------------------|---------------------------|------------------------|
| Mid     | 5775      | 75.2                      | 71.8                      | 0.5                    |



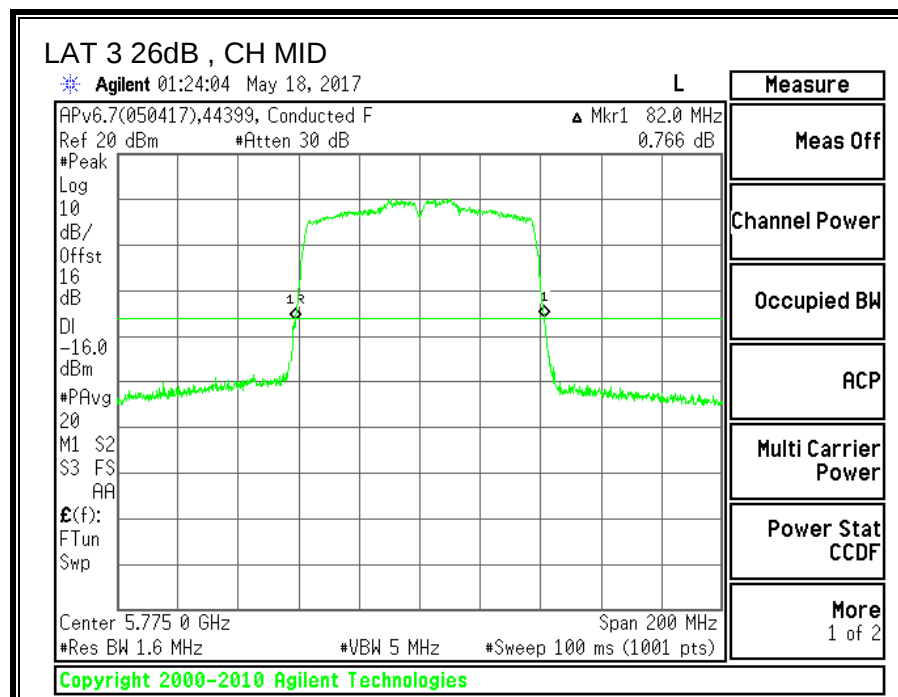
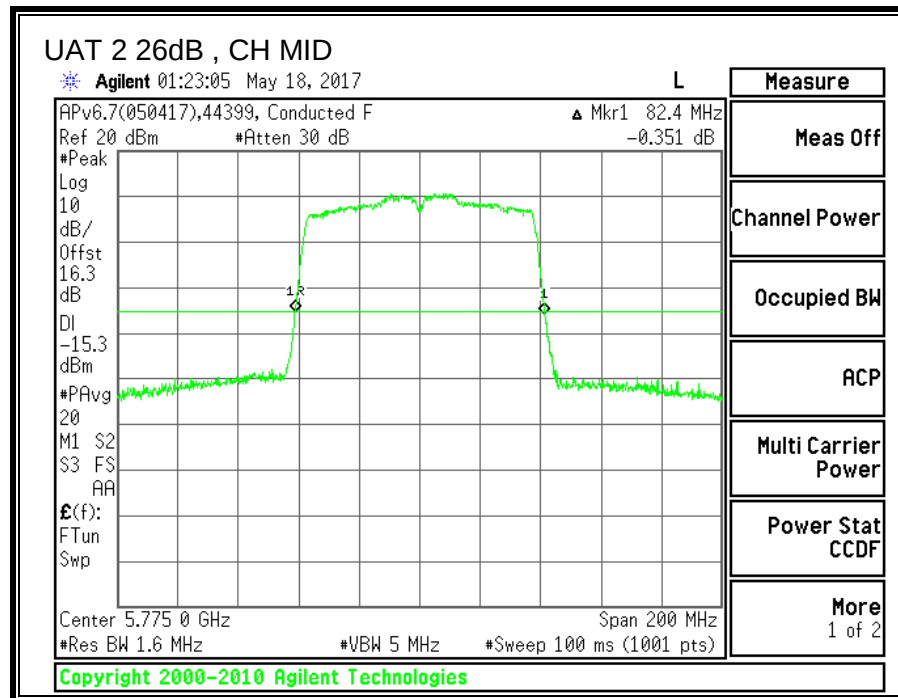
### 8.36.2. 26 dB BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 26 dB BW<br>UAT 2<br>(MHz) | 26 dB BW<br>LAT 3<br>(MHz) |
|---------|-----------|----------------------------|----------------------------|
| Mid     | 5775      | 82.4                       | 82                         |



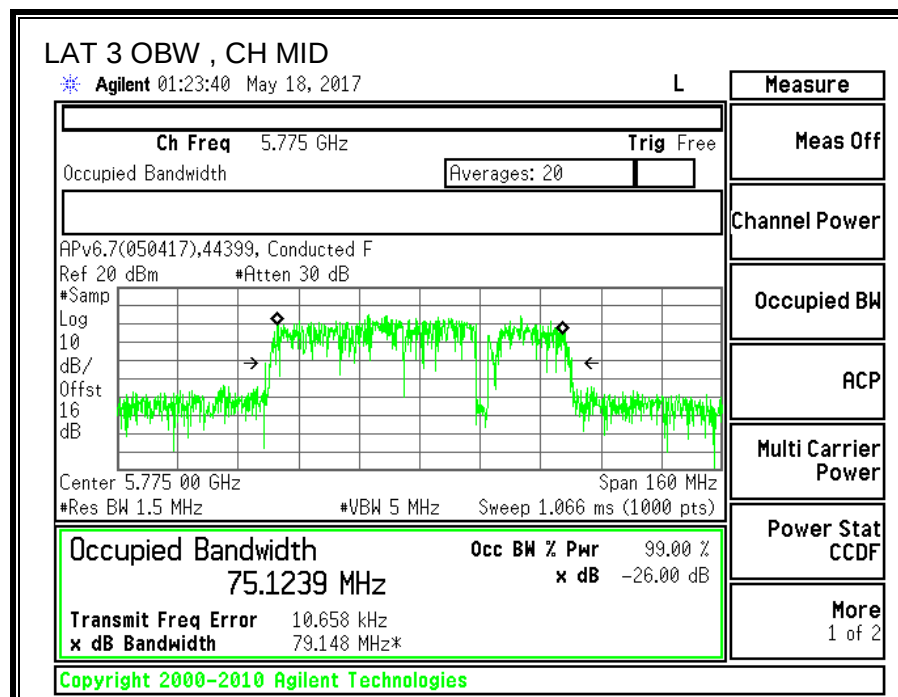
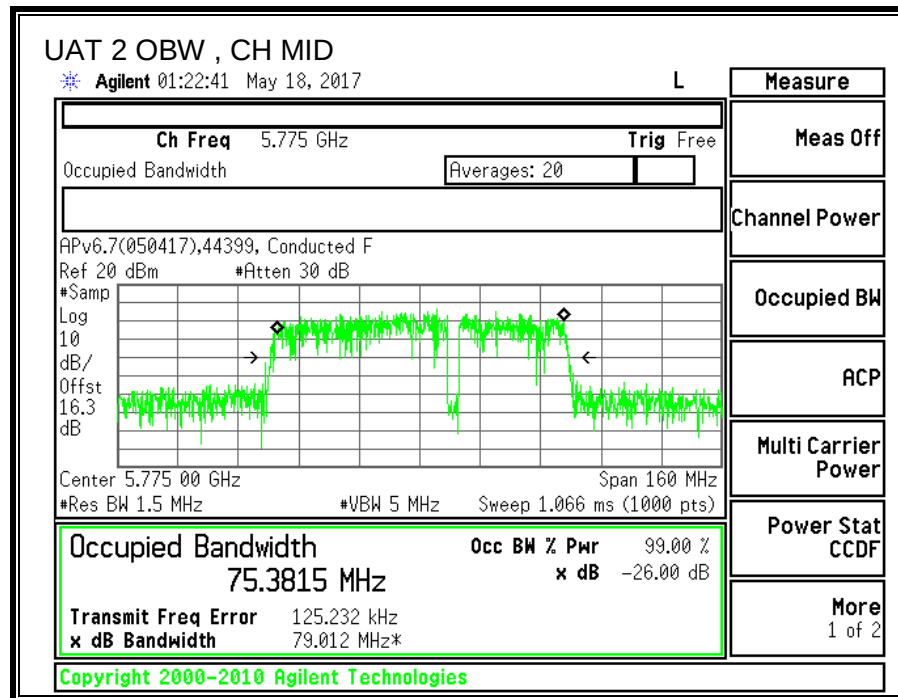
### 8.36.3. 99% BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### RESULTS

| Channel | Frequency | 99% BW<br>UAT 2<br>(MHz) | 99% BW<br>LAT 3<br>(MHz) |
|---------|-----------|--------------------------|--------------------------|
| Mid     | 5775      | 75.3815                  | 75.1239                  |



#### 8.36.4. AVERAGE POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

None; for reporting purposes only.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

#### RESULTS

| Channel | Frequency<br>(MHz) | UAT 2<br>Power<br>(dBm) | LAT 3<br>Power<br>(dBm) | Total<br>Power<br>(dBm) |
|---------|--------------------|-------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 19.36                   | 19.44                   | 22.41                   |

### 8.36.5. OUTPUT POWER

|            |       |              |         |
|------------|-------|--------------|---------|
| <b>ID:</b> | 44366 | <b>Date:</b> | 7/25/17 |
|------------|-------|--------------|---------|

#### LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### DIRECTIONAL ANTENNA GAIN

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

| <b>UAT 2<br/>Antenna<br/>Gain<br/>(dBi)</b> | <b>LAT 3<br/>Antenna<br/>Gain<br/>(dBi)</b> | <b>Uncorrelated Chains<br/>Directional<br/>Gain<br/>(dBi)</b> |
|---------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| -3.57                                       | -6.31                                       | -4.73                                                         |

## **RESULTS**

### **Antenna Gain and Limit**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | Power<br>Limit<br>(dBm) |
|---------|--------------------|------------------------------|-------------------------|
| Mid     | 5775               | -4.73                        | 30.00                   |

### **Output Power Results**

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>Power<br>(dBm) | LAT 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 19.36                           | 19.44                           | 22.41                             | 30.00                   | -7.59                   |

### 8.36.6. POWER SPECTRAL DENSITY

#### LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### DIRECTIONAL ANTENNA GAIN

The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

| UAT 2<br>Antenna<br>Gain<br>(dBi) | LAT 3<br>Antenna<br>Gain<br>(dBi) | Correlated Chains<br>Directional<br>Gain<br>(dBi) |
|-----------------------------------|-----------------------------------|---------------------------------------------------|
| -3.57                             | -6.31                             | -1.82                                             |

## RESULTS

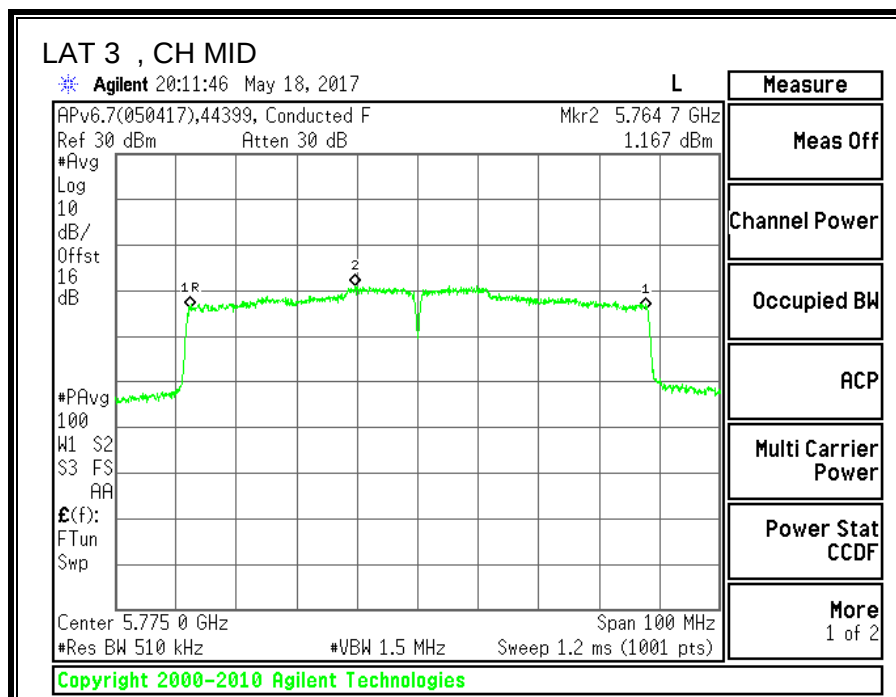
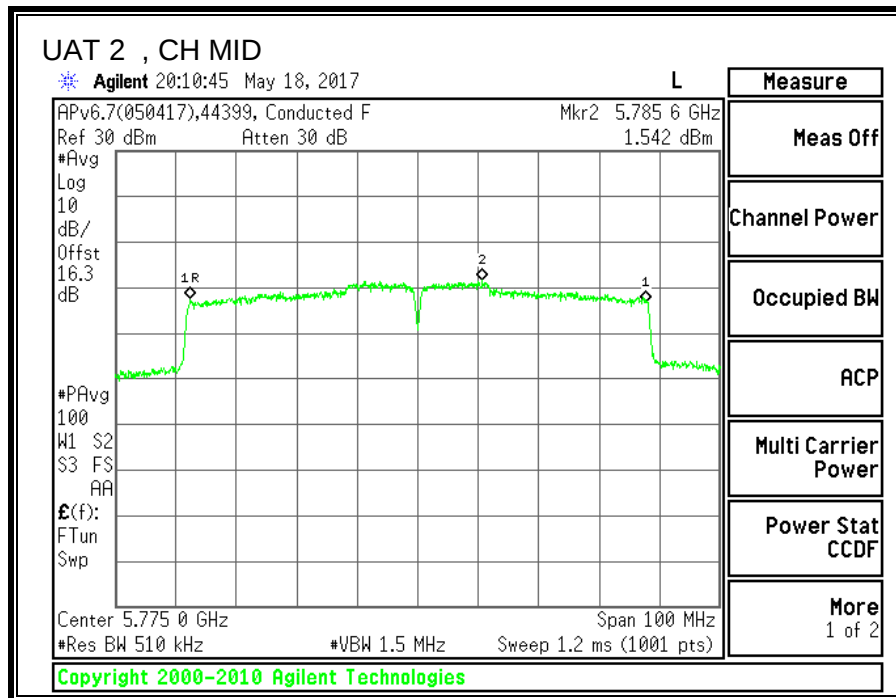
### Antenna Gain and Limit

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>(dBi) | PSD<br>Limit<br>(dBm/500KHz) |
|---------|--------------------|------------------------------|------------------------------|
| Mid     | 5775               | -1.82                        | 30.00                        |

|                    |      |                                        |
|--------------------|------|----------------------------------------|
| Duty Cycle CF (dB) | 0.19 | Included in Calculations of Corr'd PSD |
|--------------------|------|----------------------------------------|

### PSD Results

| Channel | Frequency<br>(MHz) | UAT 2<br>Meas<br>PSD<br>(dBm/500K<br>Hz) | LAT 3<br>Meas<br>PSD<br>(dBm/500KHz) | Total<br>Corr'd<br>PSD<br>(dBm/500K<br>Hz) | PSD<br>Limit<br>(dBm/500K<br>Hz) | PSD<br>Margin<br>(dB) |
|---------|--------------------|------------------------------------------|--------------------------------------|--------------------------------------------|----------------------------------|-----------------------|
| Mid     | 5775               | 1.542                                    | 1.167                                | 4.56                                       | 30.00                            | -25.44                |



## 9. RADIATED TEST RESULTS

### 9.1. LIMITS AND PROCEDURE

#### LIMITS

FCC §15.205 and §15.209

| Frequency Range (MHz) | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |
|-----------------------|------------------------------------|--------------------------------------|
| 30 - 88               | 100                                | 40                                   |
| 88 - 216              | 150                                | 43.5                                 |
| 216 - 960             | 200                                | 46                                   |
| Above 960             | 500                                | 54                                   |

#### TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

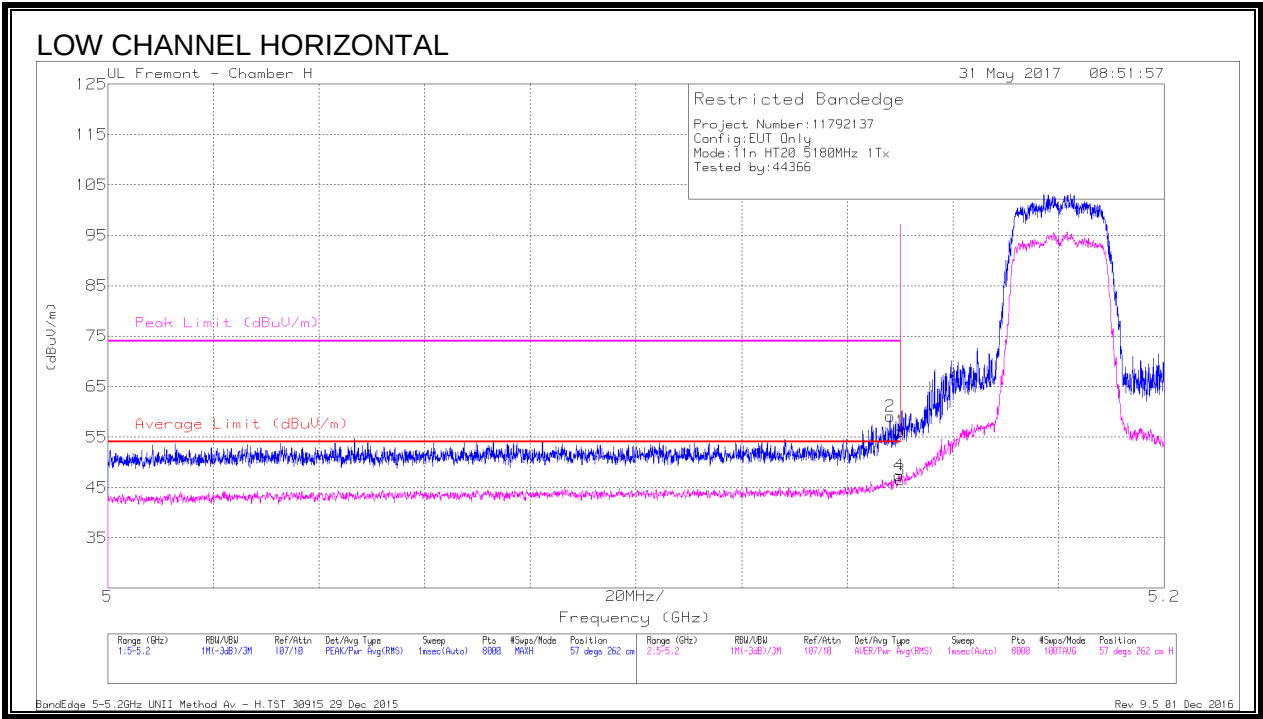
For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

9.1.1. 11n HT20 UAT 2 SISO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



| Marker | Frequen-<br>cy<br>(GHz) | Meter<br>Readin-<br>g<br>(dBuV) | Det | AF<br>T344<br>(dB/m) | Amp/C<br>bl/Filtr/<br>Pad<br>(dB) | Correct-<br>ed<br>Readin-<br>g<br>(dBuV/<br>m) | Averag-<br>e Limit<br>(dBuV/<br>m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/<br>m) | PK<br>Margin<br>(dB) | Azimet<br>h<br>(Degs) | Height<br>(cm) | Polarit-<br>y |
|--------|-------------------------|---------------------------------|-----|----------------------|-----------------------------------|------------------------------------------------|------------------------------------|----------------|-------------------------------|----------------------|-----------------------|----------------|---------------|
| 1      | * 5.15                  | 46.39                           | Pk  | 34.2                 | -24.4                             | 56.19                                          | -                                  | -              | 74                            | -17.81               | 57                    | 262            | H             |
| 2      | * 5.148                 | 49.31                           | Pk  | 34.2                 | -24.4                             | 59.11                                          | -                                  | -              | 74                            | -14.89               | 57                    | 262            | H             |
| 3      | * 5.15                  | 36.69                           | RMS | 34.2                 | -24.4                             | 46.49                                          | 54                                 | -7.51          | -                             | -                    | 57                    | 262            | H             |
| 4      | * 5.15                  | 37.6                            | RMS | 34.2                 | -24.4                             | 47.4                                           | 54                                 | -6.6           | -                             | -                    | 57                    | 262            | H             |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection