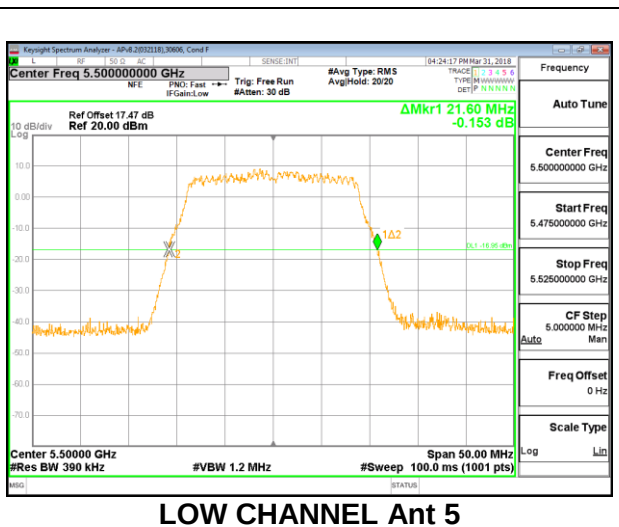
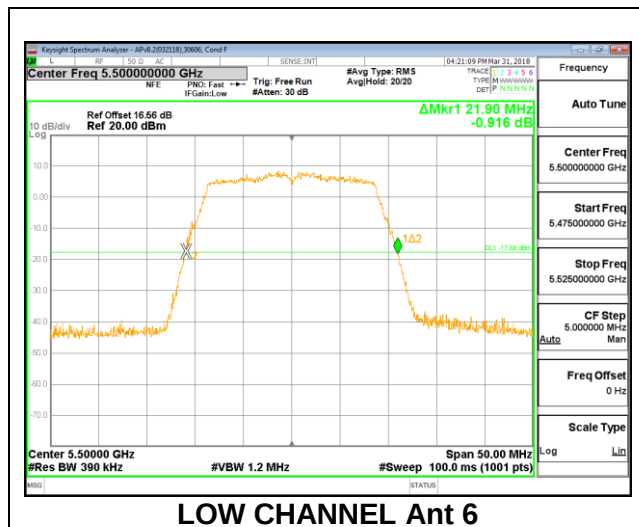


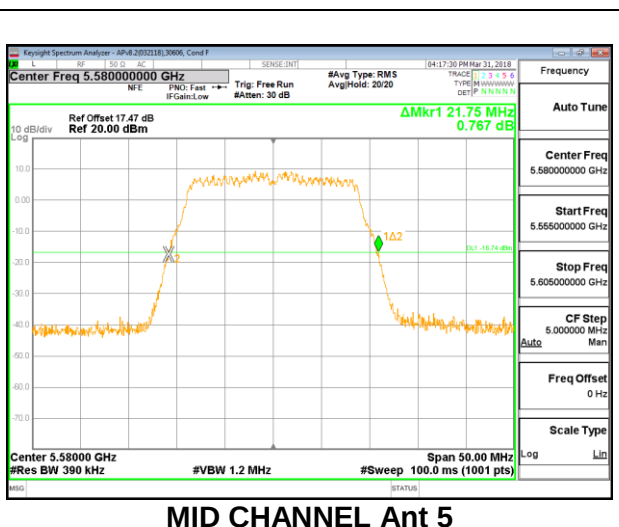
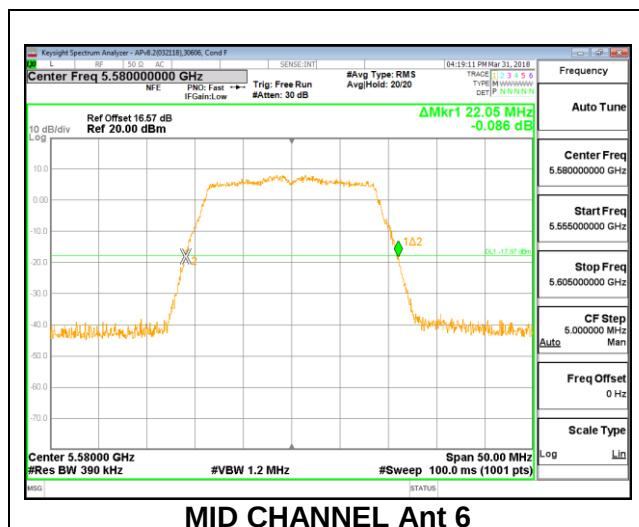
**2TX Antenna 6 + Antenna 5 CDD MODE**

| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>Ant 6<br>(MHz) | 26 dB Bandwidth<br>Ant 5<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Low     | 5500               | 21.90                             | 21.60                             |
| Mid     | 5580               | 22.05                             | 21.75                             |
| High    | 5700               | 21.85                             | 21.65                             |
| 144     | 5720               | 21.90                             | 21.70                             |

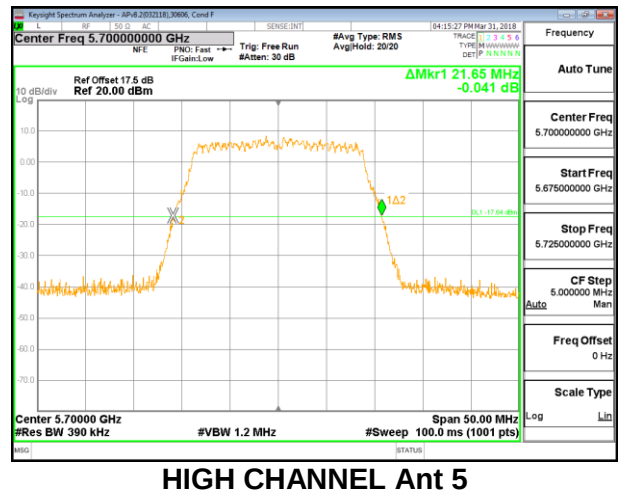
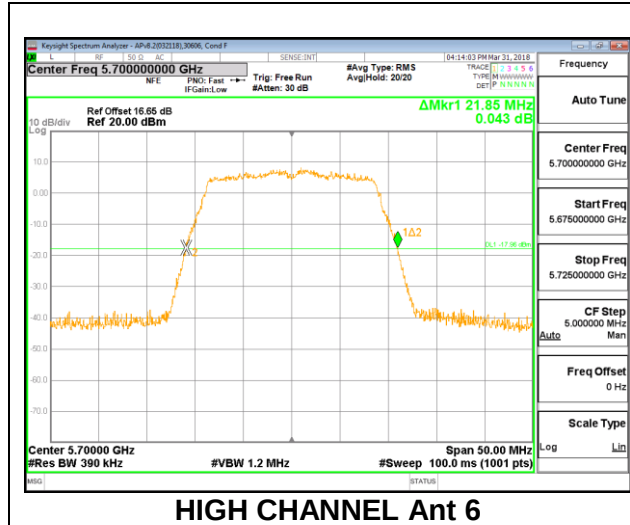
**LOW CHANNEL**



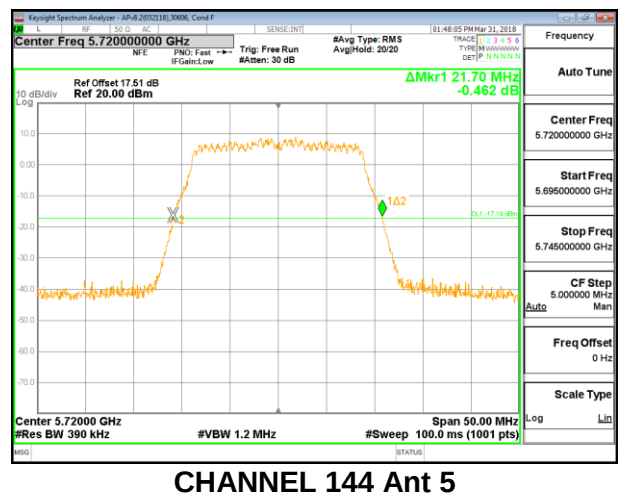
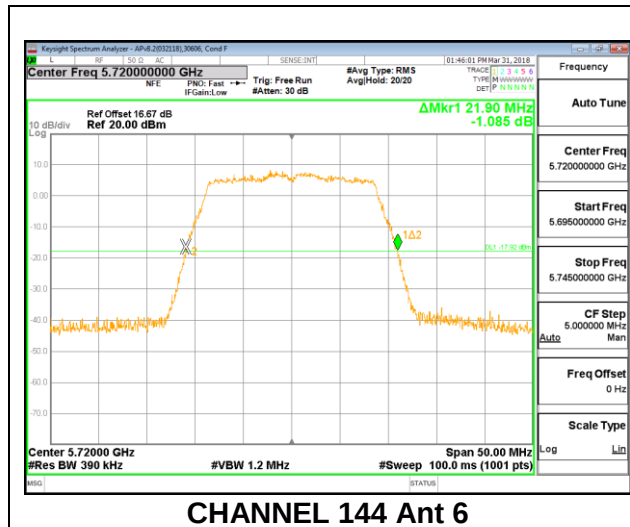
**MID CHANNEL**



## HIGH CHANNEL



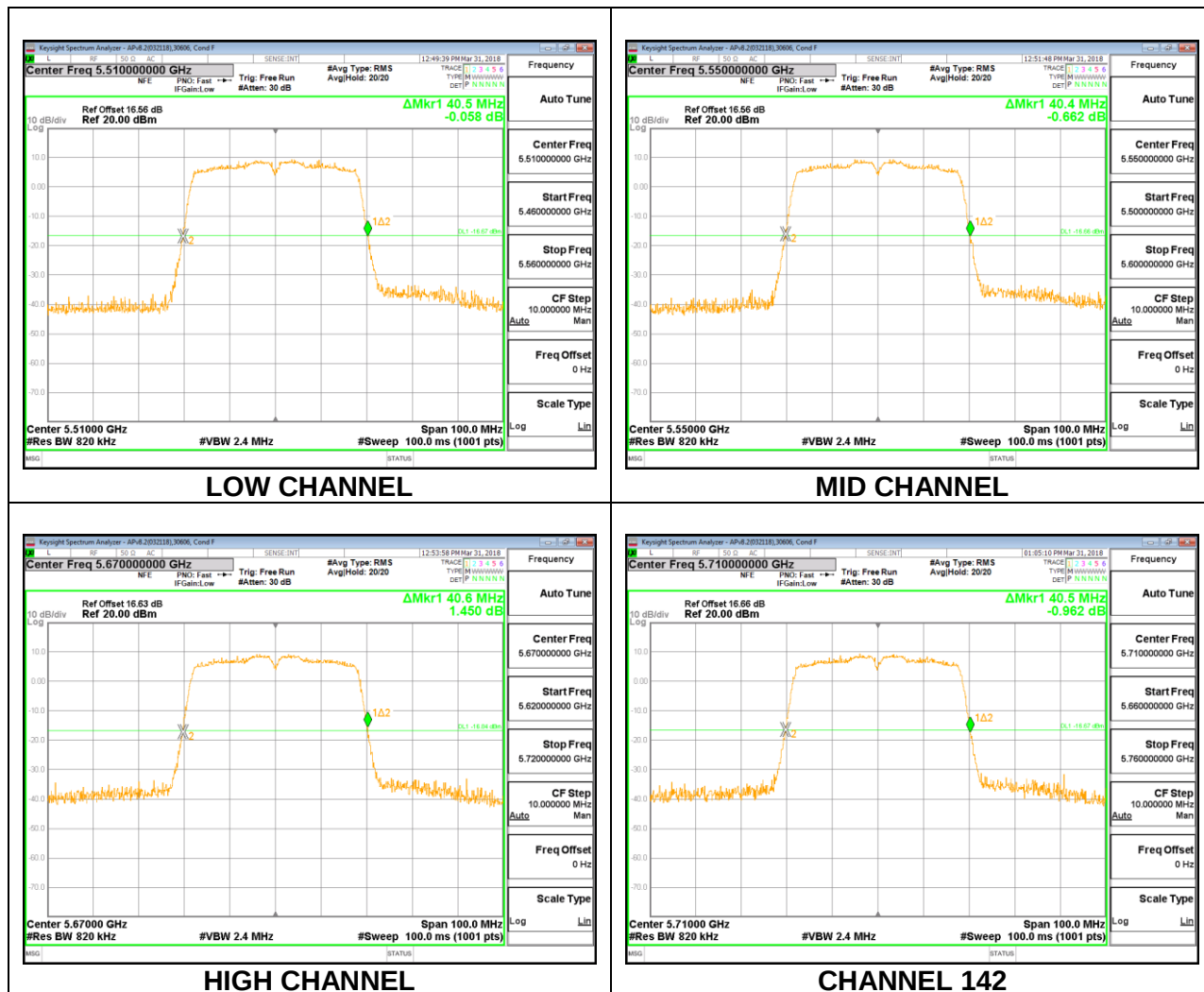
## CHANNEL 144



## 8.2.8. 802.11n HT40 MODE IN THE 5.6 GHz BAND

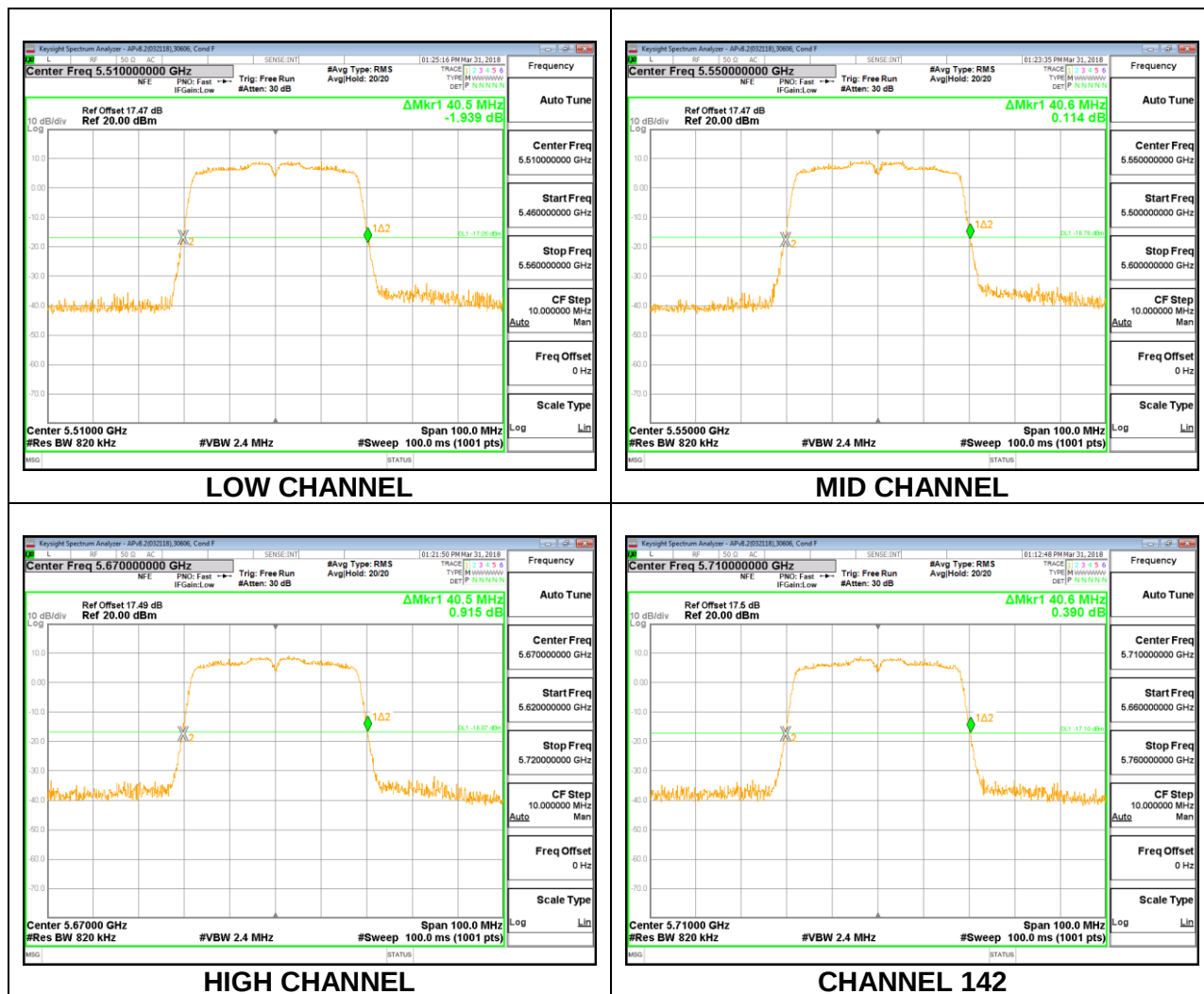
### 1TX Antenna 6 MODE

| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>(MHz) |
|---------|--------------------|--------------------------|
| Low     | 5510               | 40.50                    |
| Mid     | 5550               | 40.40                    |
| High    | 5670               | 40.60                    |
| 142     | 5710               | 40.50                    |



**1TX Antenna 5 MODE**

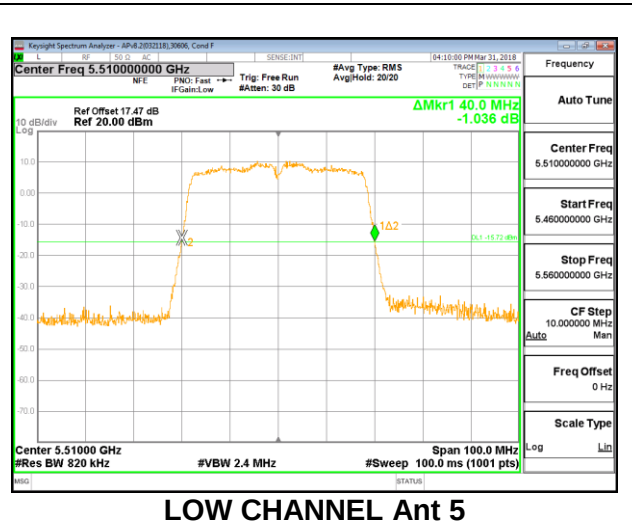
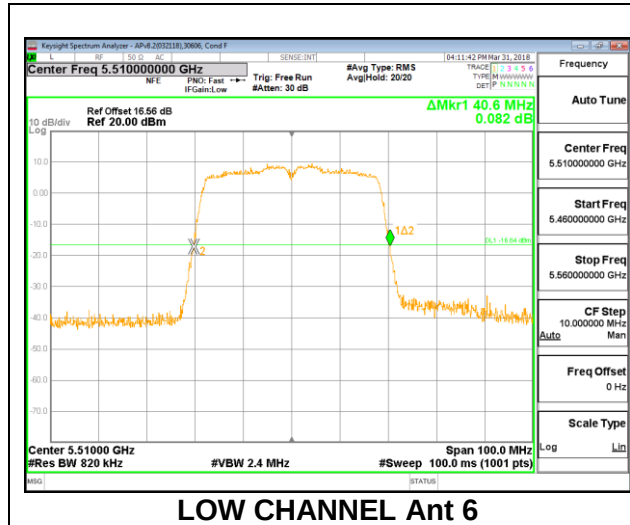
| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>(MHz) |
|---------|--------------------|--------------------------|
| Low     | 5510               | 40.50                    |
| Mid     | 5550               | 40.60                    |
| High    | 5670               | 40.50                    |
| 142     | 5710               | 40.60                    |



**2TX Antenna 6 + Antenna 5 CDD MODE**

| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>Ant 6<br>(MHz) | 26 dB Bandwidth<br>Ant 5<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Low     | 5510               | 40.60                             | 40.00                             |
| Mid     | 5550               | 40.40                             | 40.20                             |
| High    | 5670               | 40.60                             | 40.10                             |
| 142     | 5710               | 40.50                             | 40.00                             |

**LOW CHANNEL**



**MID CHANNEL**

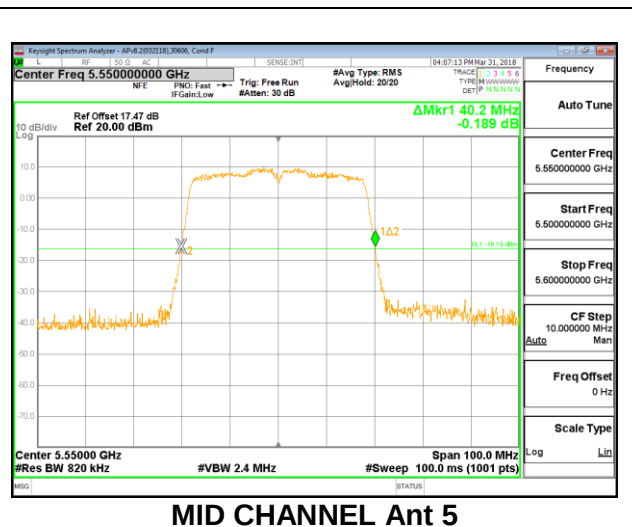
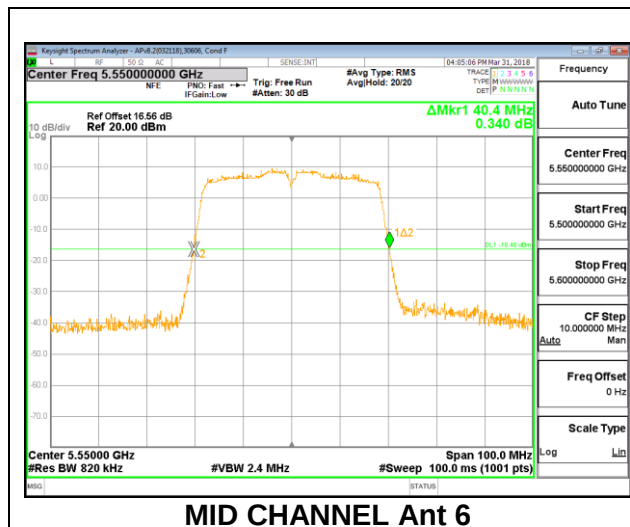


Figure 10: HIGH CHANNEL Ant 6 and HIGH CHANNEL Ant 5

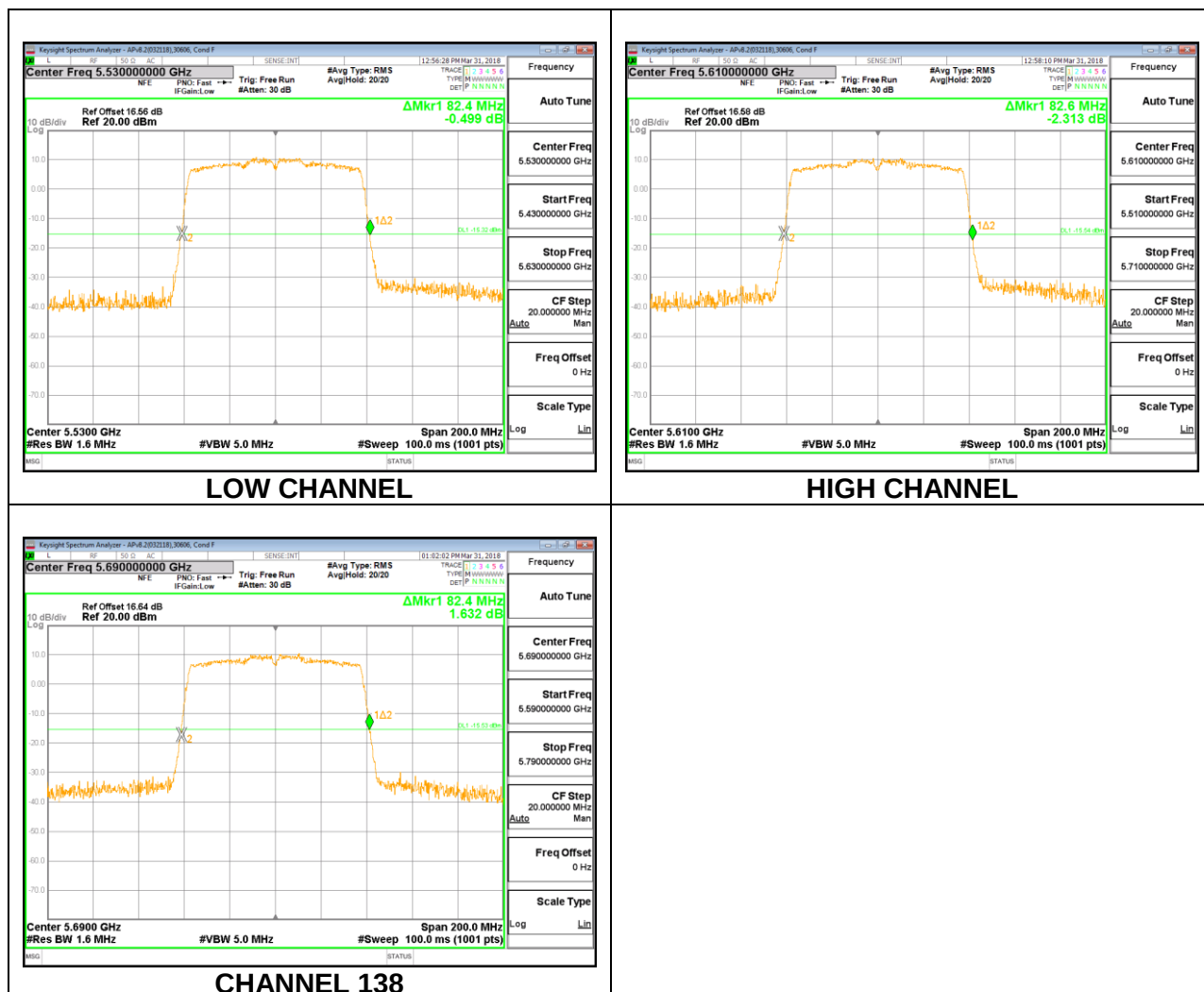
Channel 142 Ant 6

Channel 142 Ant 5

## 8.2.9. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

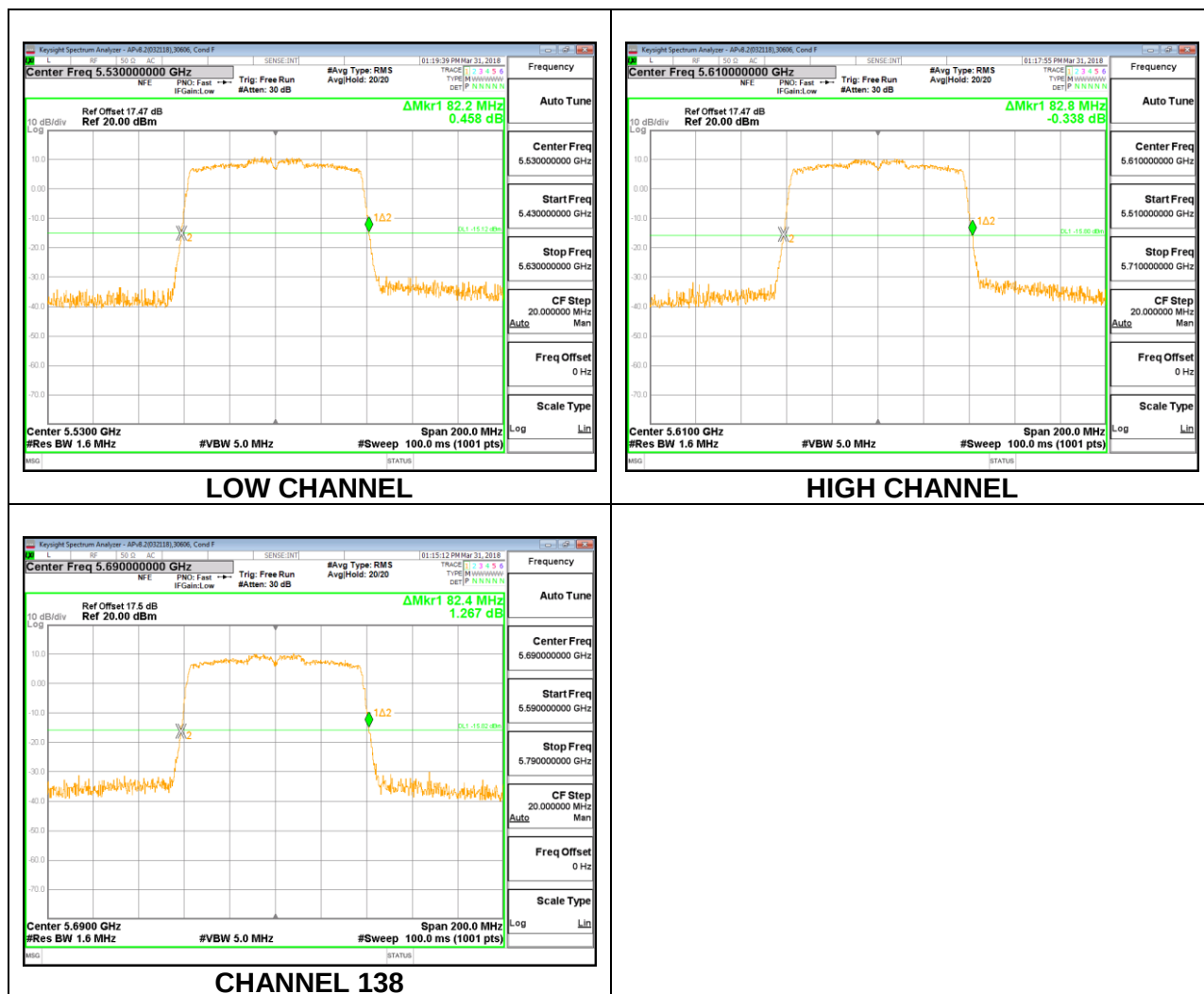
### 1TX Antenna 6 MODE

| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>(MHz) |
|---------|--------------------|--------------------------|
| Low     | 5530               | 82.40                    |
| High    | 5610               | 82.60                    |
| 138     | 5690               | 82.40                    |



**1TX Antenna 5 MODE**

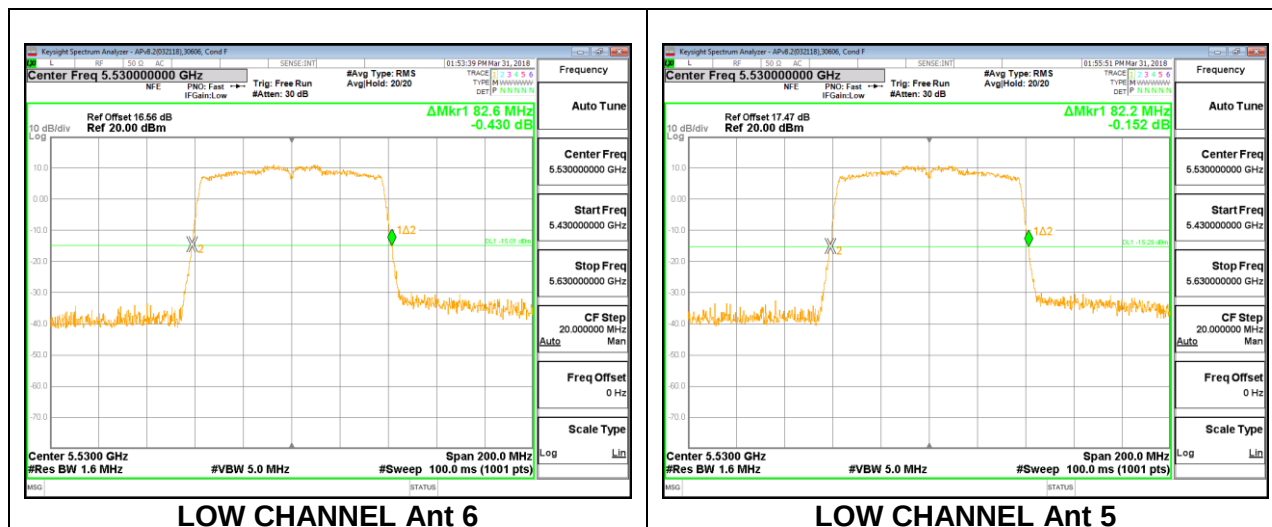
| Channel | Frequency | 26 dB Bandwidth |
|---------|-----------|-----------------|
|         | (MHz)     | (MHz)           |
| Low     | 5530      | 82.20           |
| High    | 5610      | 82.80           |
| 138     | 5690      | 82.40           |



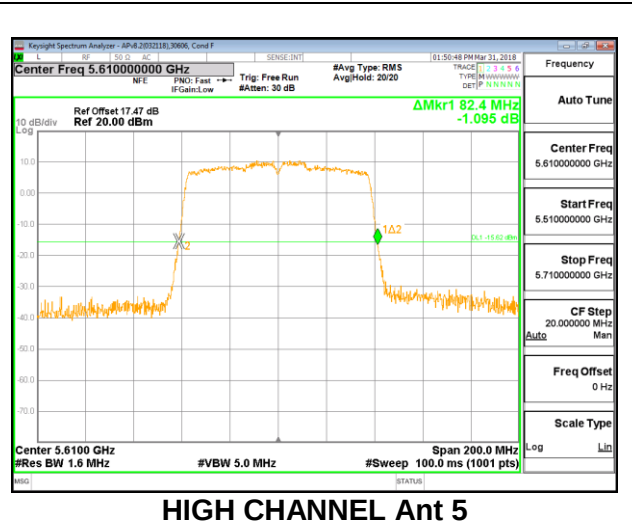
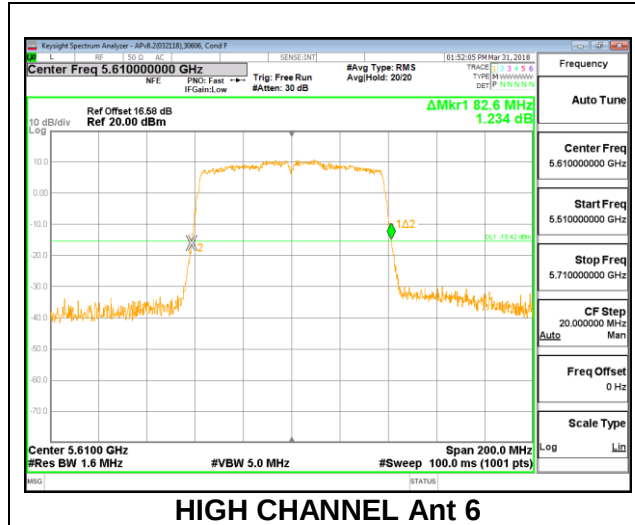
**2TX Antenna 6 + Antenna 5 CDD MODE**

| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>Ant 6<br>(MHz) | 26 dB Bandwidth<br>Ant 5<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Low     | 5530               | 82.60                             | 82.20                             |
| High    | 5610               | 82.60                             | 82.40                             |
| 138     | 5690               | 82.60                             | 82.20                             |

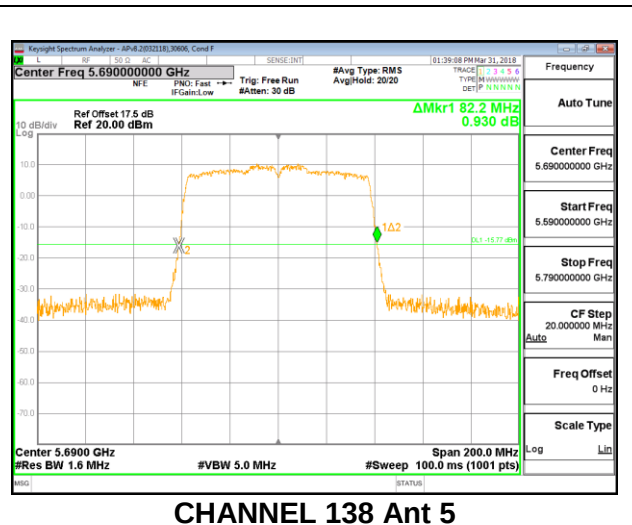
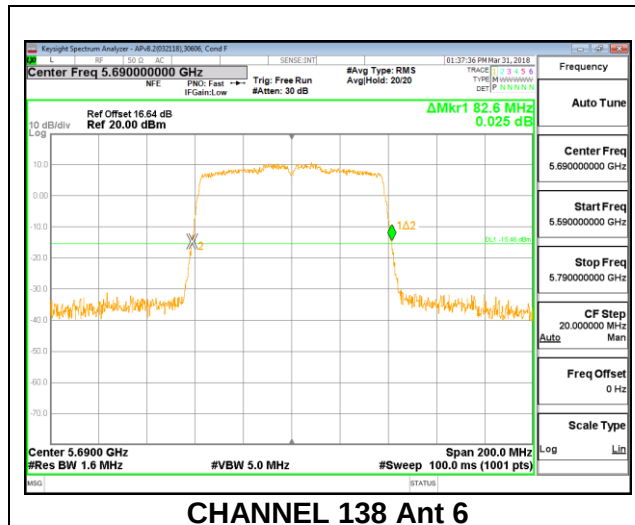
**LOW CHANNEL**



## HIGH CHANNEL



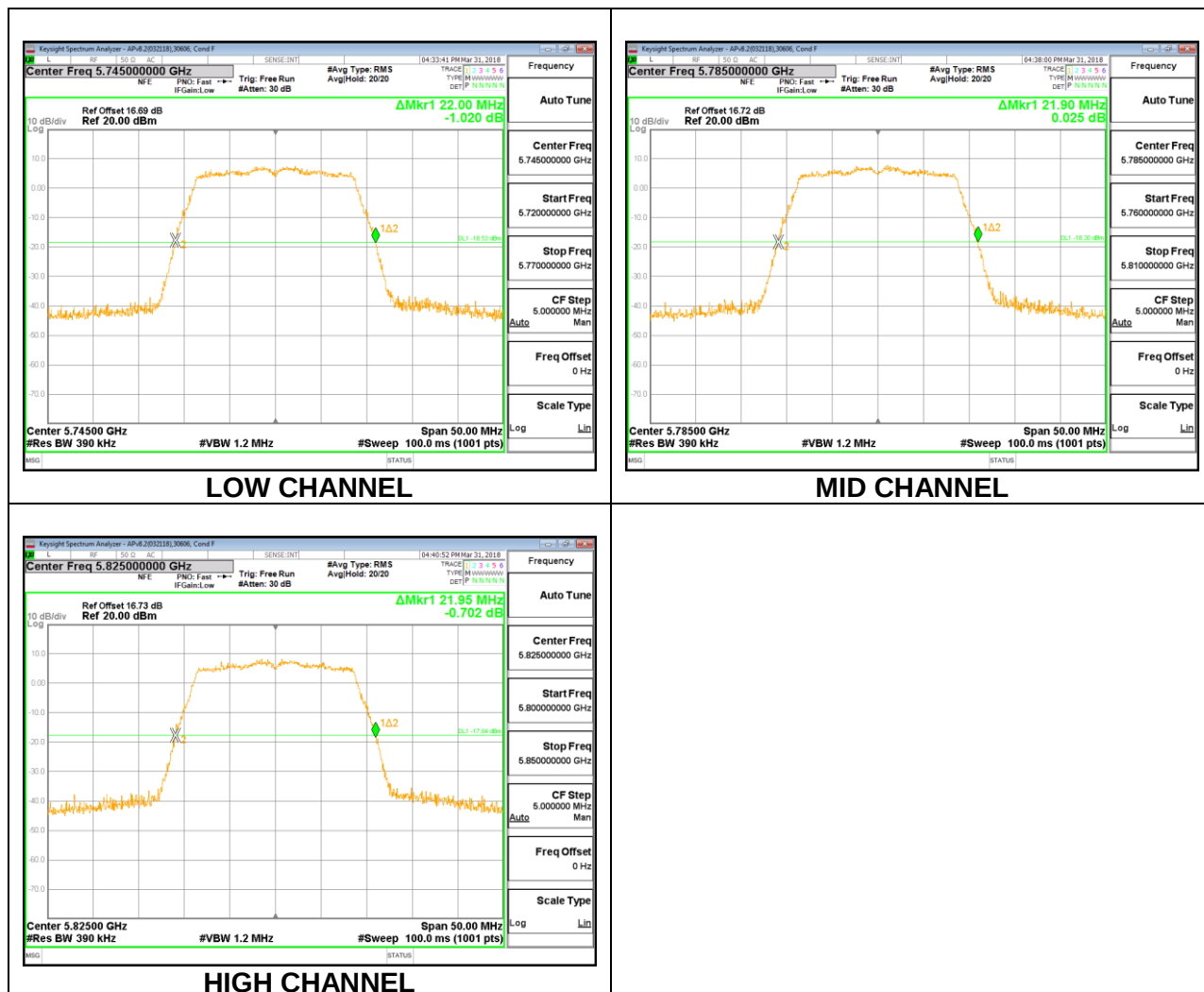
## CHANNEL 138



## 8.2.10. 802.11n HT20 MODE IN THE 5.8 GHz BAND

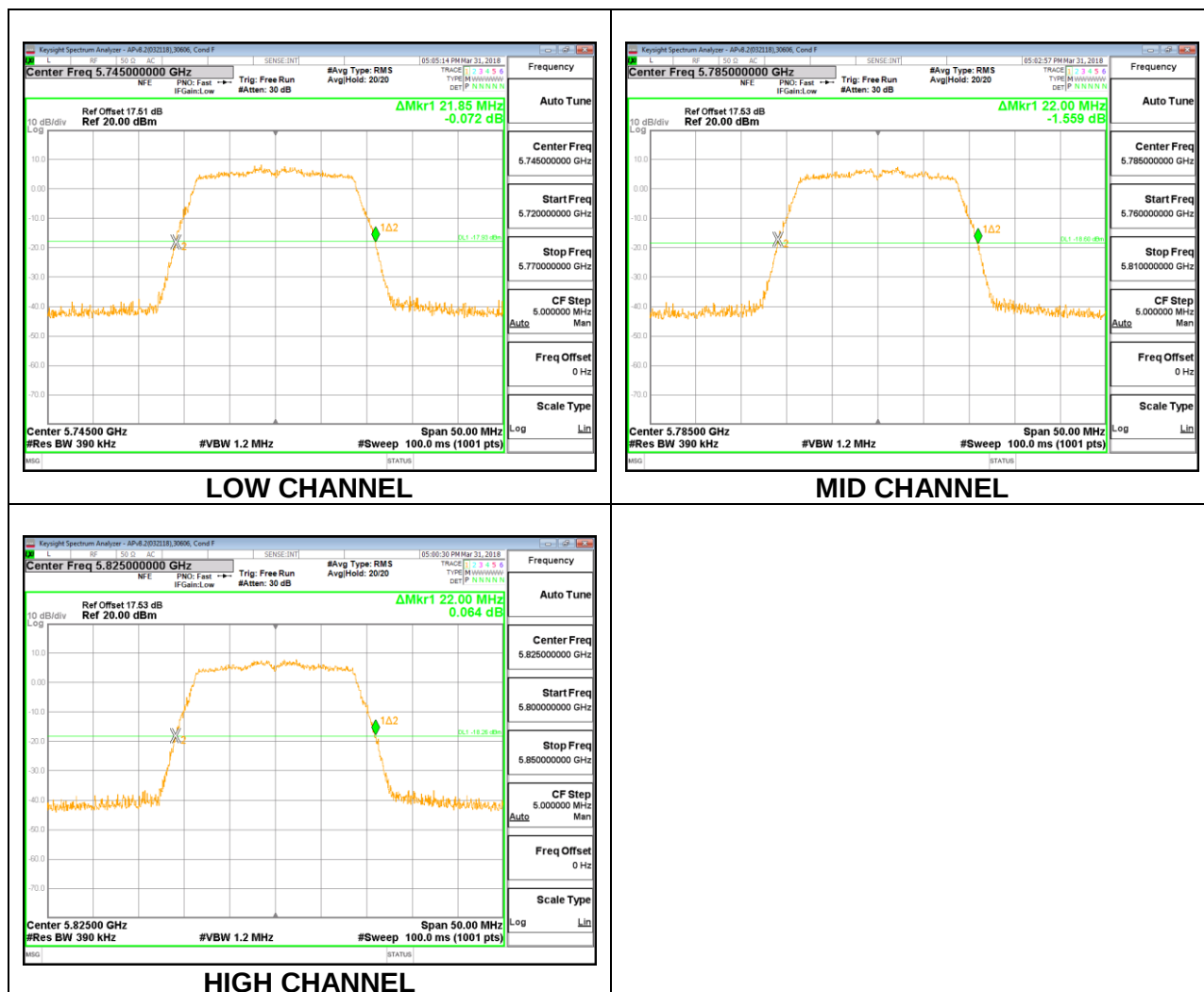
### 1TX Antenna 6 MODE

| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>(MHz) |
|---------|--------------------|--------------------------|
| Low     | 5745               | 22.00                    |
| Mid     | 5785               | 21.90                    |
| High    | 5825               | 21.95                    |



**1TX Antenna 5 MODE**

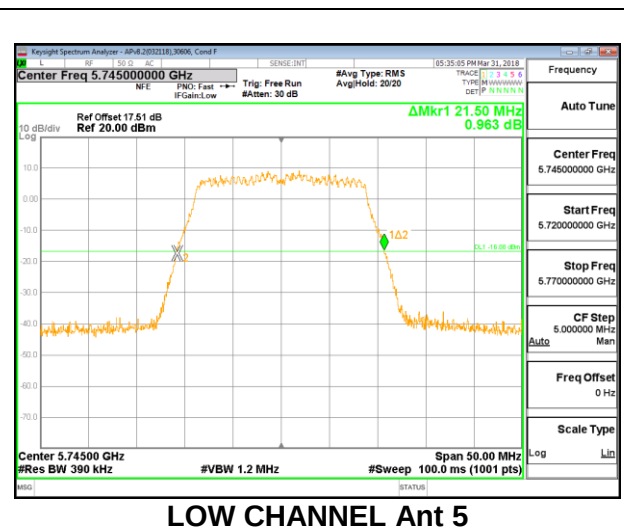
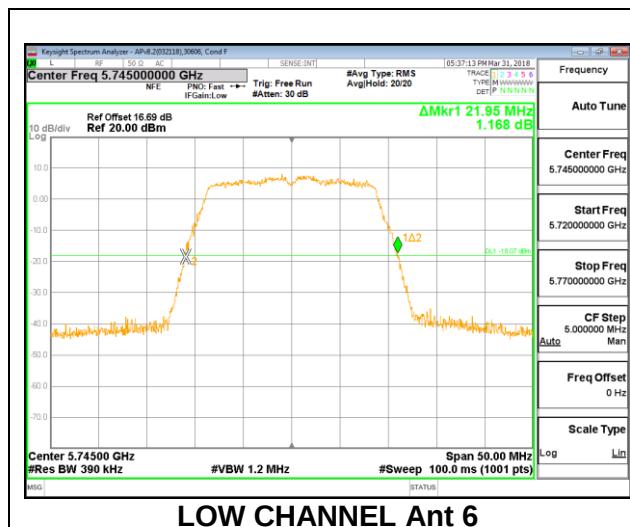
| Channel | Frequency | 26 dB Bandwidth |
|---------|-----------|-----------------|
|         | (MHz)     | (MHz)           |
| Low     | 5745      | 21.85           |
| Mid     | 5785      | 22.00           |
| High    | 5825      | 22.00           |



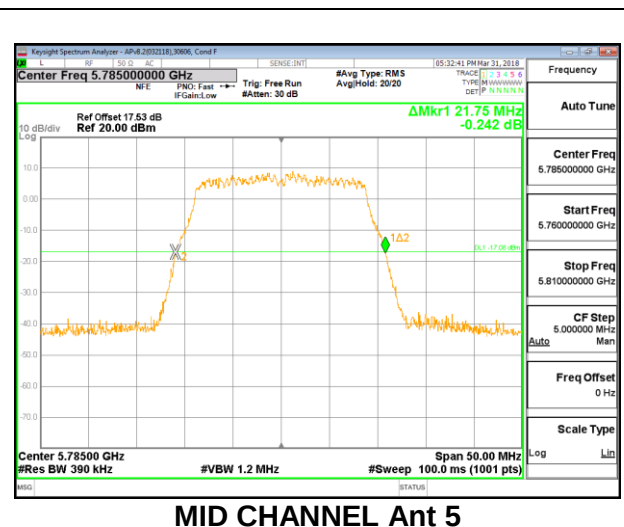
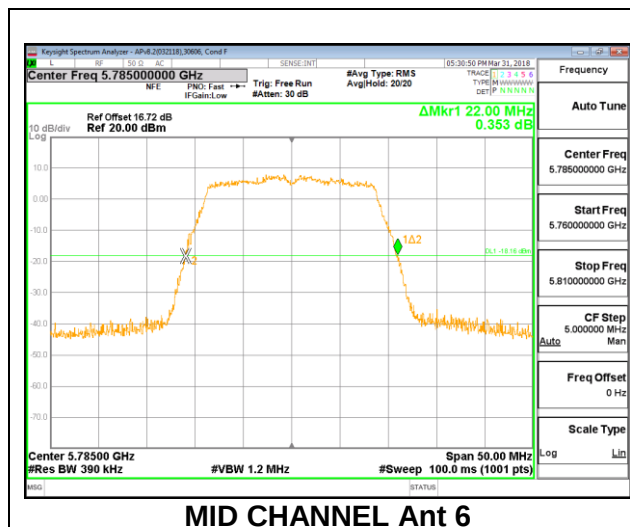
**2TX Antenna 6 + Antenna 5 CDD MODE**

| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>Ant 6<br>(MHz) | 26 dB Bandwidth<br>Ant 5<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Low     | 5745               | 21.95                             | 21.50                             |
| Mid     | 5785               | 22.00                             | 21.75                             |
| High    | 5825               | 21.95                             | 21.70                             |

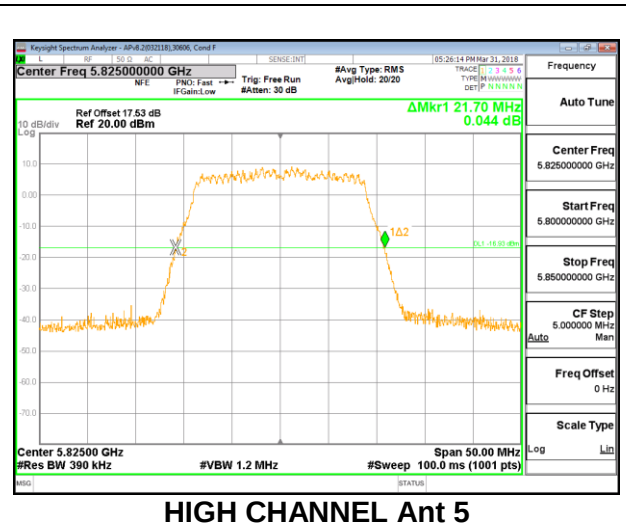
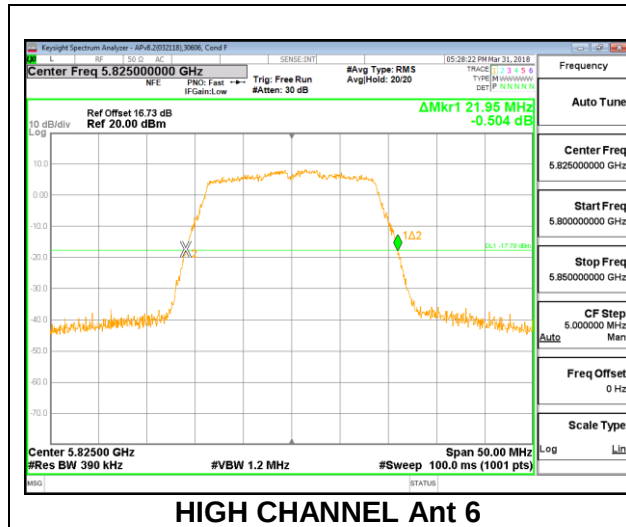
**LOW CHANNEL**



**MID CHANNEL**



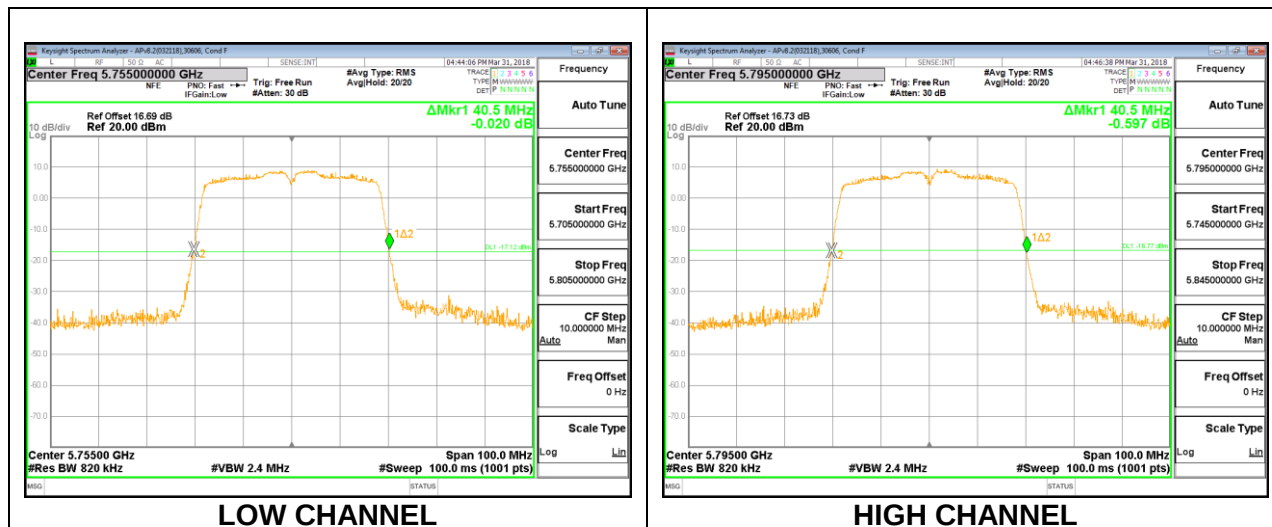
## HIGH CHANNEL



## 8.2.11. 802.11n HT40 MODE IN THE 5.8 GHz BAND

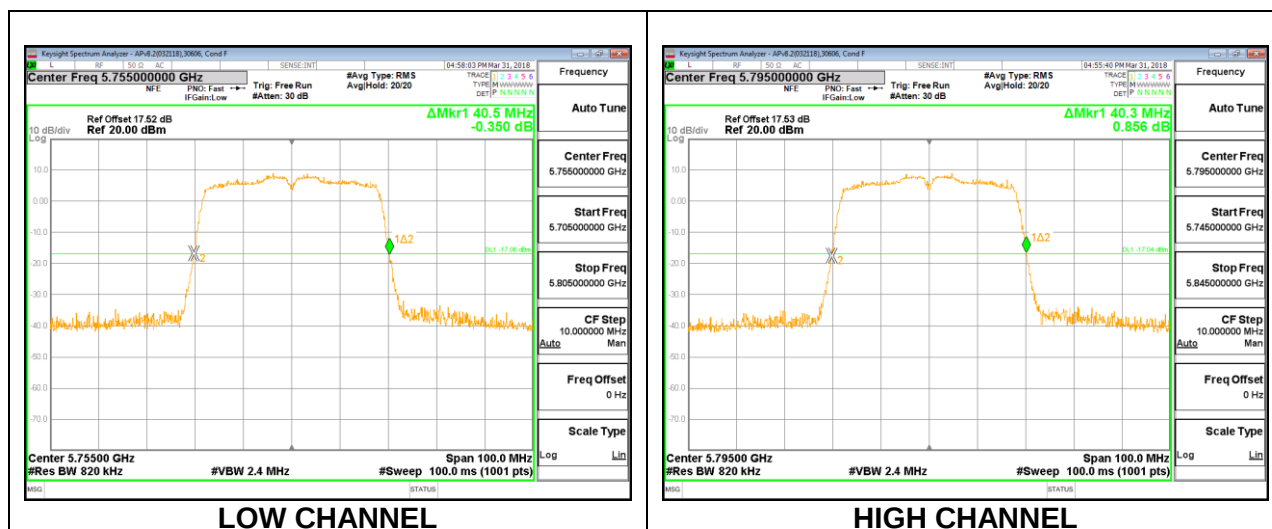
### 1TX Antenna 6 MODE

| Channel | Frequency | 26dB Bandwidth |
|---------|-----------|----------------|
|         | (MHz)     | (MHz)          |
| Low     | 5755      | 40.50          |
| High    | 5795      | 40.50          |



### 1TX Antenna 5 MODE

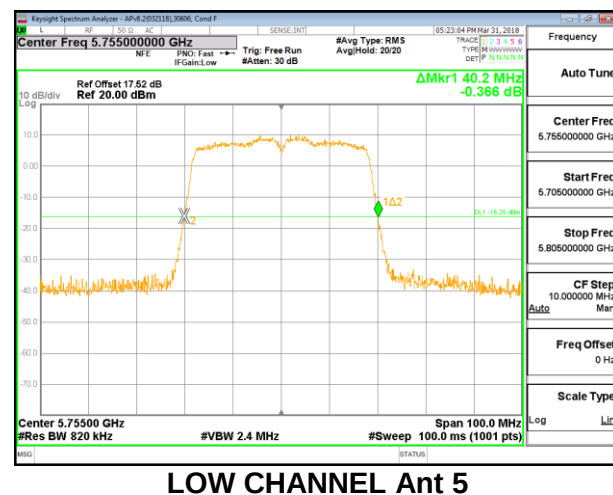
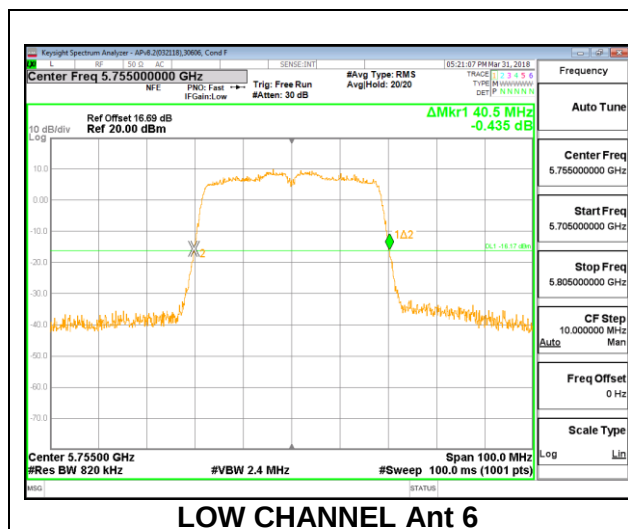
| Channel | Frequency | 26dB Bandwidth |
|---------|-----------|----------------|
|         | (MHz)     | (MHz)          |
| Low     | 5755      | 40.50          |
| High    | 5795      | 40.30          |



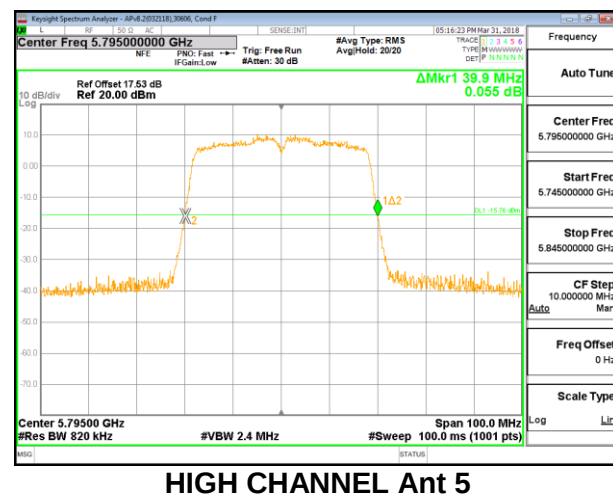
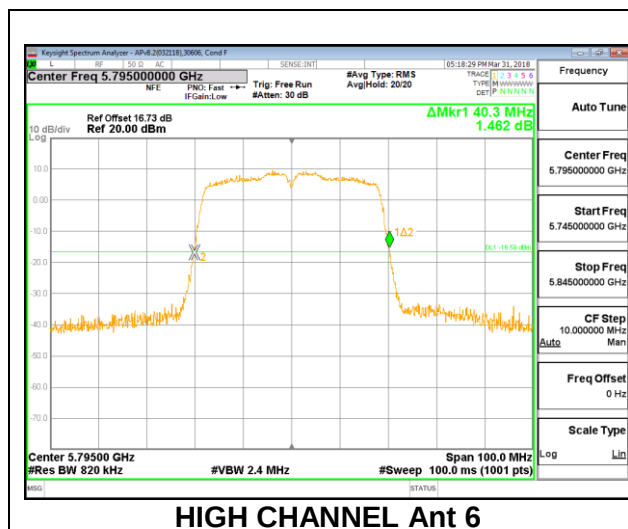
**2TX Antenna 6 + Antenna 5 CDD MODE**

| Channel | Frequency<br>(MHz) | 26 dB Bandwidth<br>Ant 6<br>(MHz) | 26 dB Bandwidth<br>Ant 5<br>(MHz) |
|---------|--------------------|-----------------------------------|-----------------------------------|
| Low     | 5755               | 40.50                             | 40.20                             |
| High    | 5795               | 40.30                             | 39.90                             |

**LOW CHANNEL**



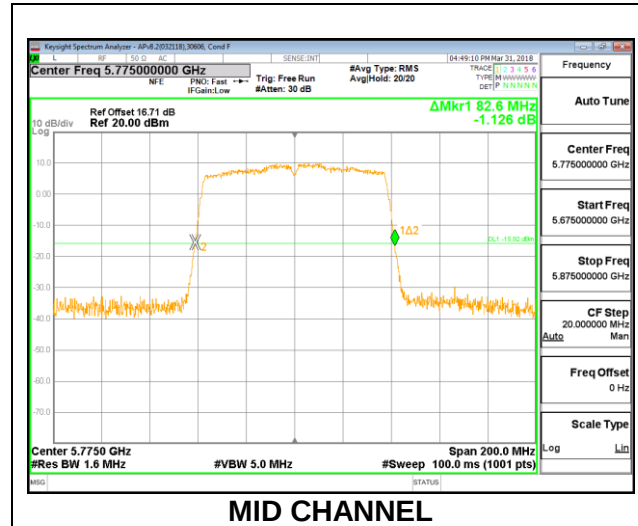
**HIGH CHANNEL**



## 8.2.12. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

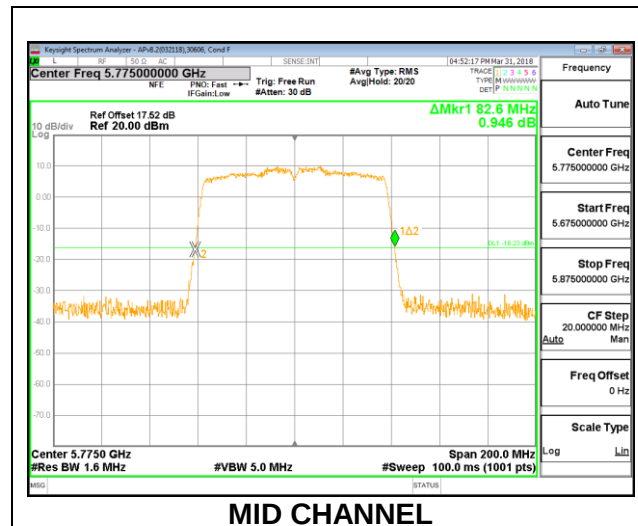
### 1TX Antenna 6 MODE

| Channel | Frequency | 26 dB Bandwidth |
|---------|-----------|-----------------|
|         | (MHz)     | (MHz)           |
| Mid     | 5775      | 82.60           |



### 1TX Antenna 5 MODE

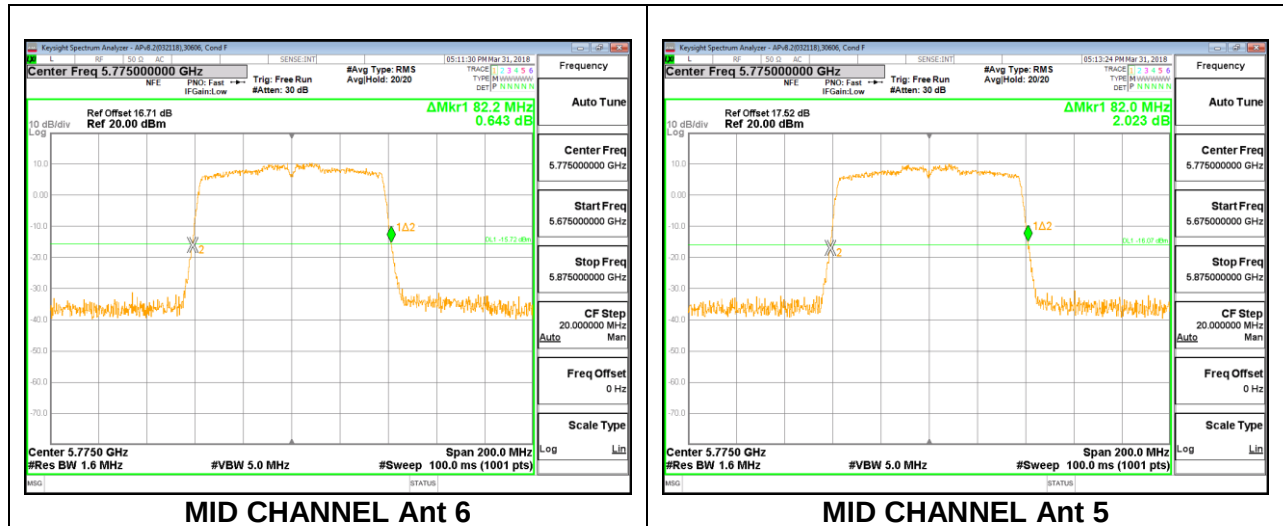
| Channel | Frequency | 26 dB Bandwidth |
|---------|-----------|-----------------|
|         | (MHz)     | (MHz)           |
| Mid     | 5775      | 82.60           |



**2TX Antenna 6 + Antenna 5 CDD MODE**

| Channel | Frequency | 26 dB Bandwidth<br>Ant 6<br>(MHz) | 26 dB Bandwidth<br>Ant 5<br>(MHz) |
|---------|-----------|-----------------------------------|-----------------------------------|
| Mid     | 5775      | 82.20                             | 82.00                             |

**MID CHANNEL**



### **8.3. 99% BANDWIDTH**

#### **LIMITS**

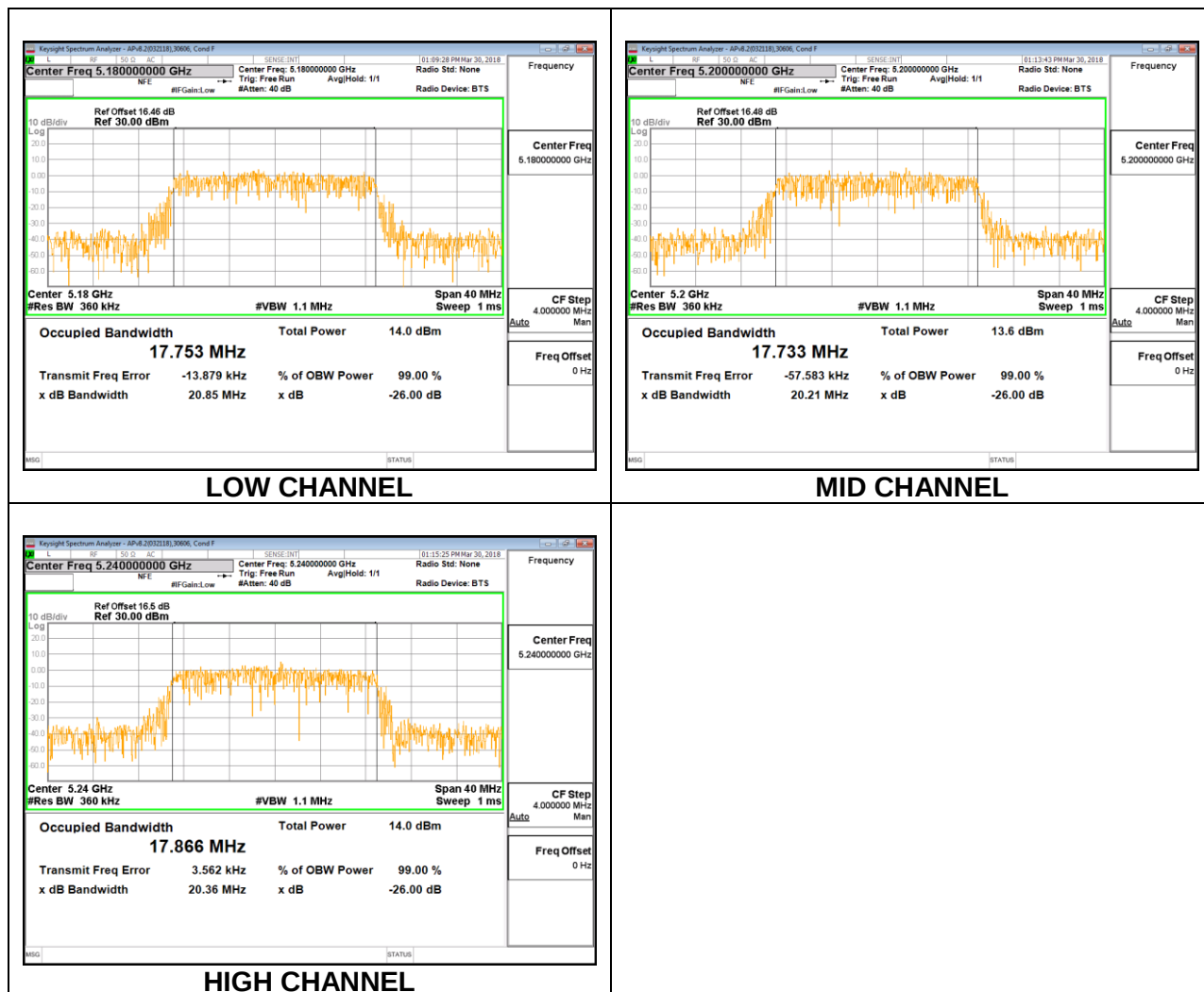
None; for reporting purposes only.

#### **RESULTS**

### 8.3.1. 802.11n HT20 MODE IN THE 5.2 GHz BAND

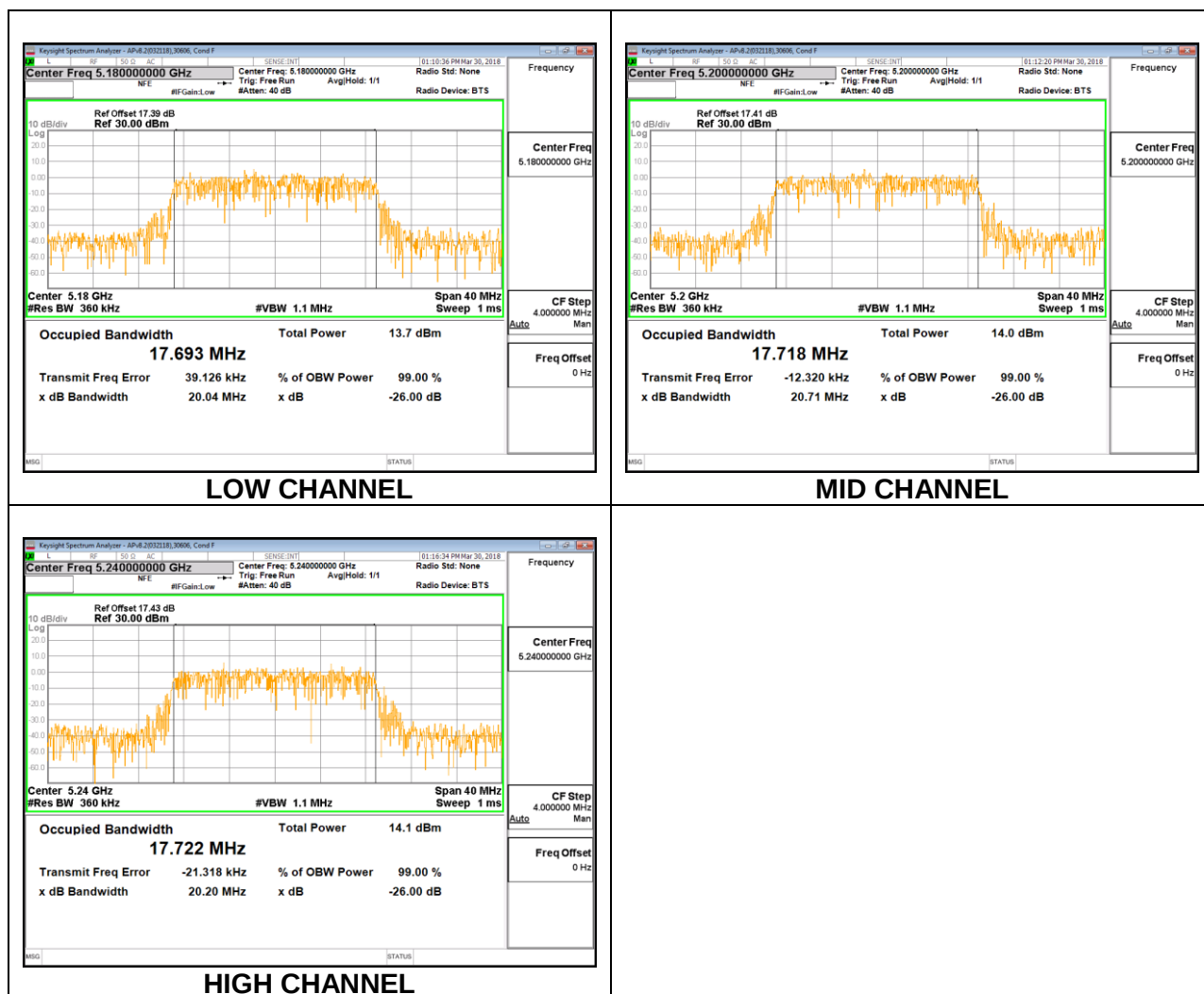
#### 1TX Antenna 6 MODE

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>(MHz) |
|---------|--------------------|------------------------|
| Low     | 5180               | 17.753                 |
| Mid     | 5200               | 17.733                 |
| High    | 5240               | 17.866                 |



**1TX Antenna 5 MODE**

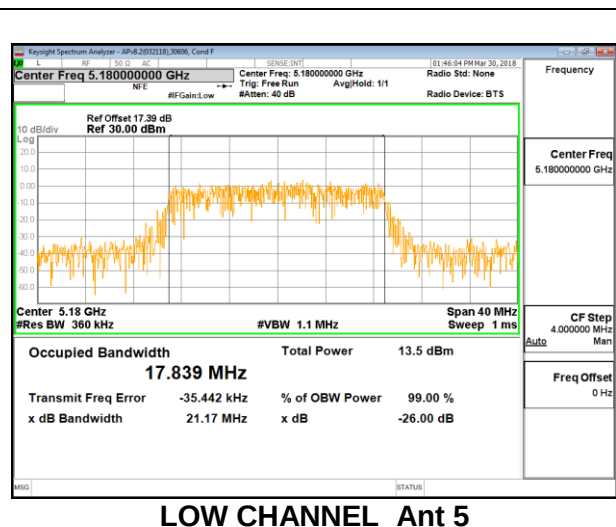
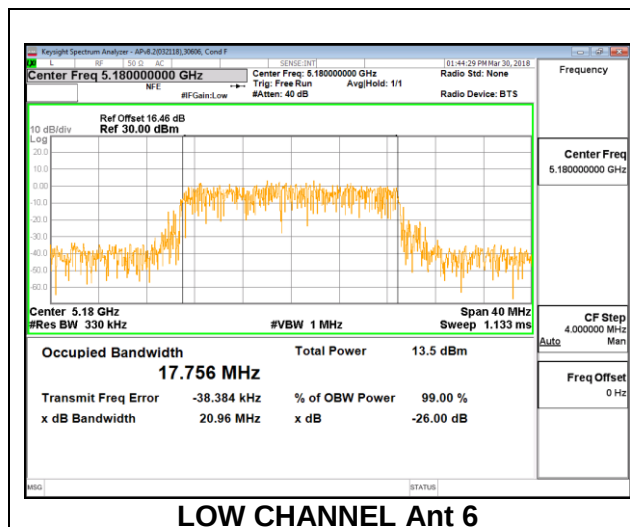
| Channel | Frequency | 99% Bandwidth |
|---------|-----------|---------------|
|         | (MHz)     | (MHz)         |
| Low     | 5180      | 17.693        |
| Mid     | 5200      | 17.718        |
| High    | 5240      | 17.722        |



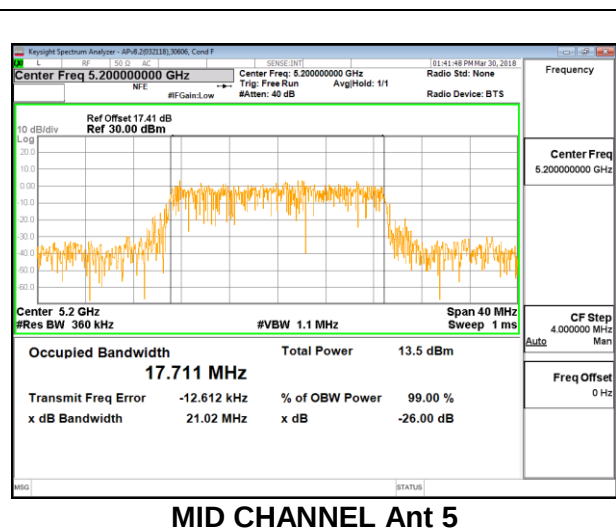
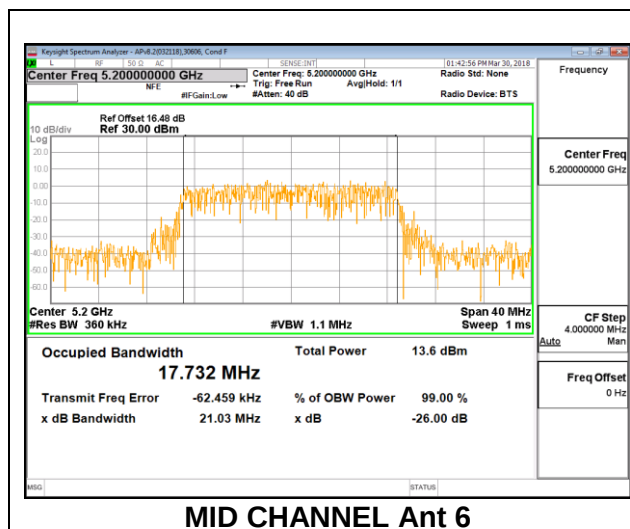
**2TX Antenna 6 + Antenna 5 CDD MODE**

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>Ant 6<br>(MHz) | 99% Bandwidth<br>Ant 5<br>(MHz) |
|---------|--------------------|---------------------------------|---------------------------------|
| Low     | 5180               | 17.756                          | 17.839                          |
| Mid     | 5200               | 17.732                          | 17.711                          |
| High    | 5240               | 17.709                          | 17.705                          |

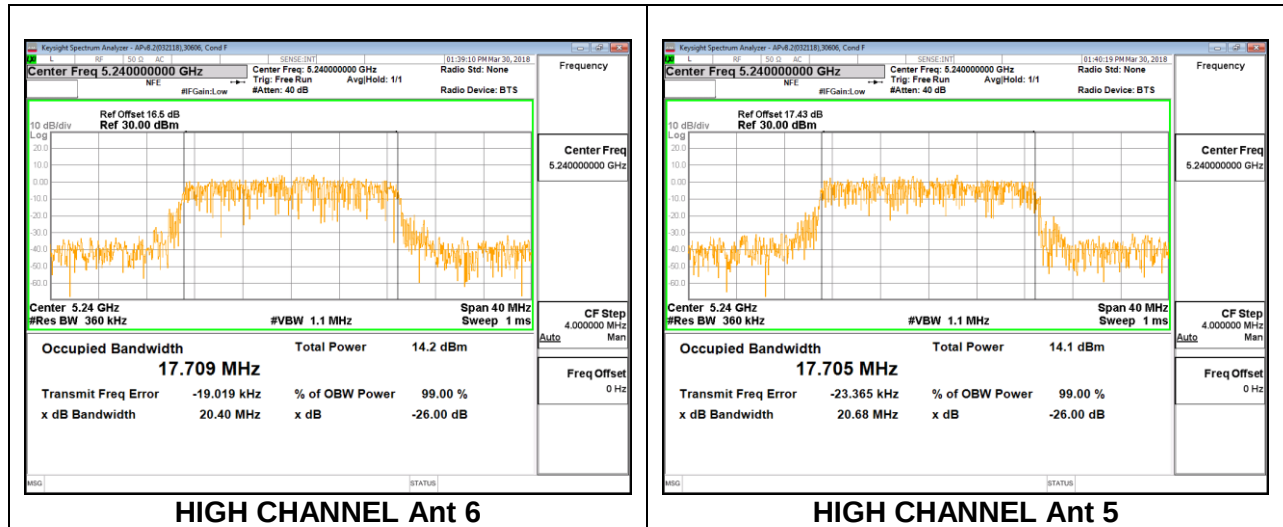
**LOW CHANNEL**



**MID CHANNEL**



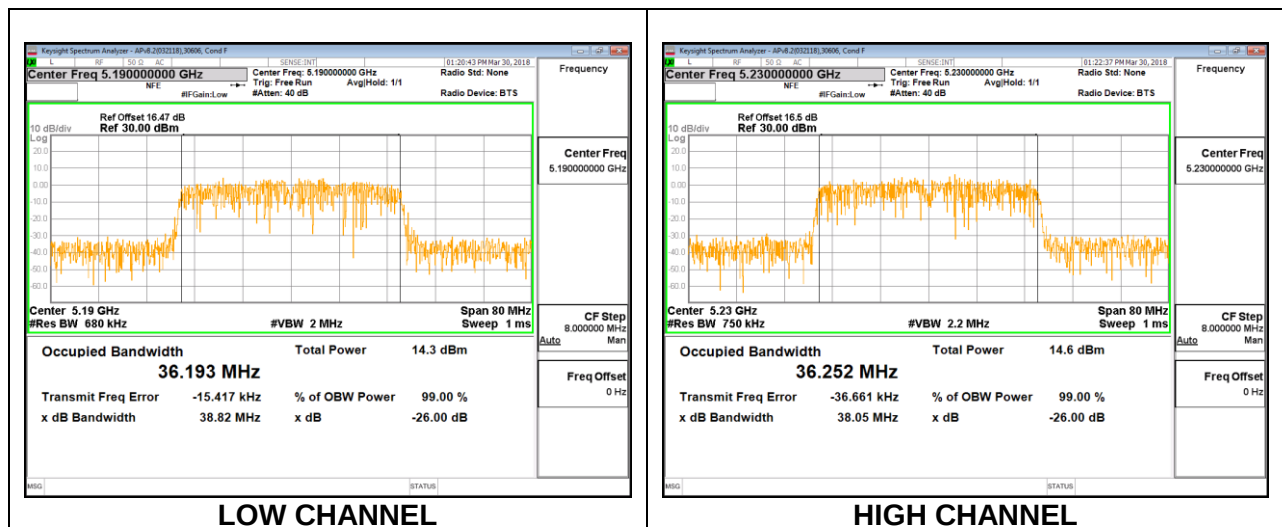
## HIGH CHANNEL



### 8.3.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND

#### 1TX Antenna 6 MODE

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>(MHz) |
|---------|--------------------|------------------------|
| Low     | 5190               | 36.193                 |
| High    | 5230               | 36.252                 |



#### 1TX Antenna 5 MODE

| Channel | Frequency<br>(MHz) | 99% Bandwidth<br>(MHz) |
|---------|--------------------|------------------------|
| Low     | 5190               | 36.189                 |
| High    | 5230               | 36.261                 |

