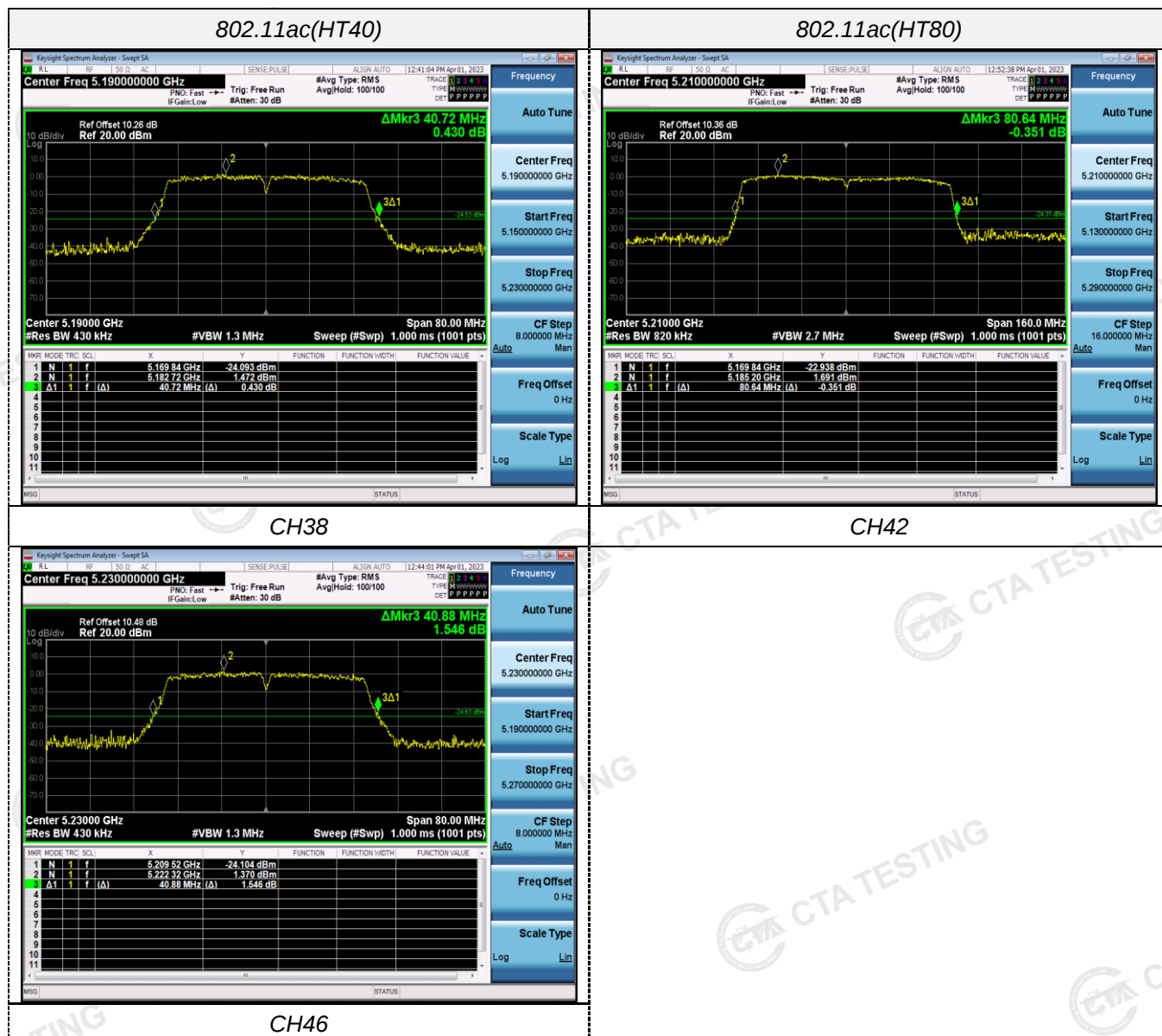
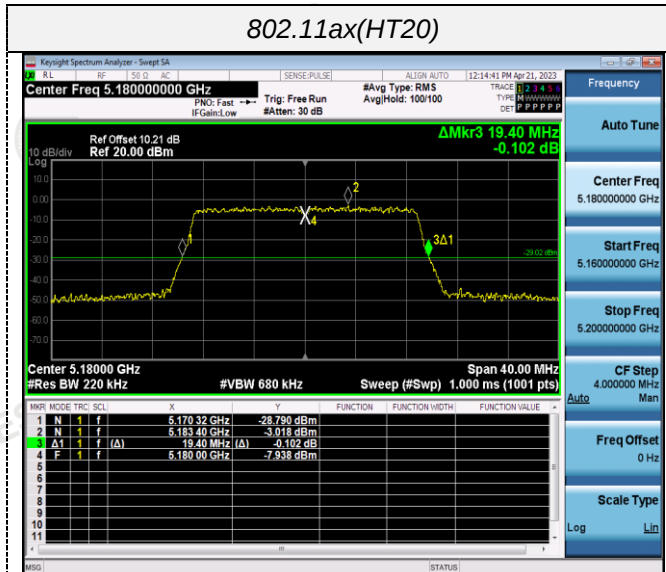
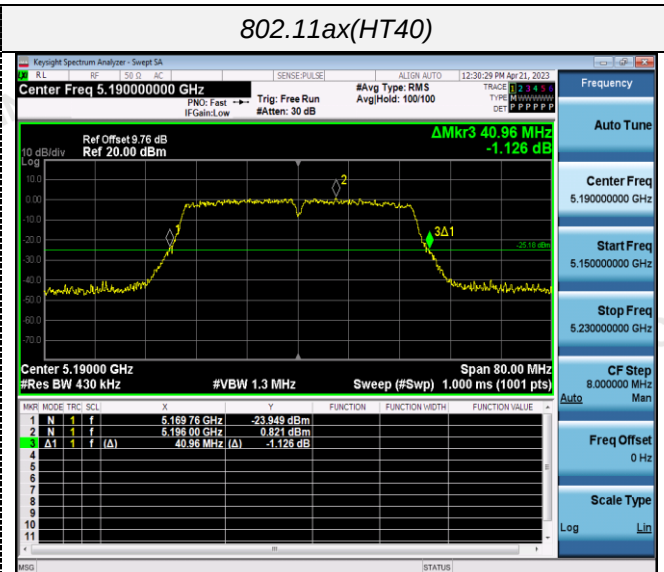




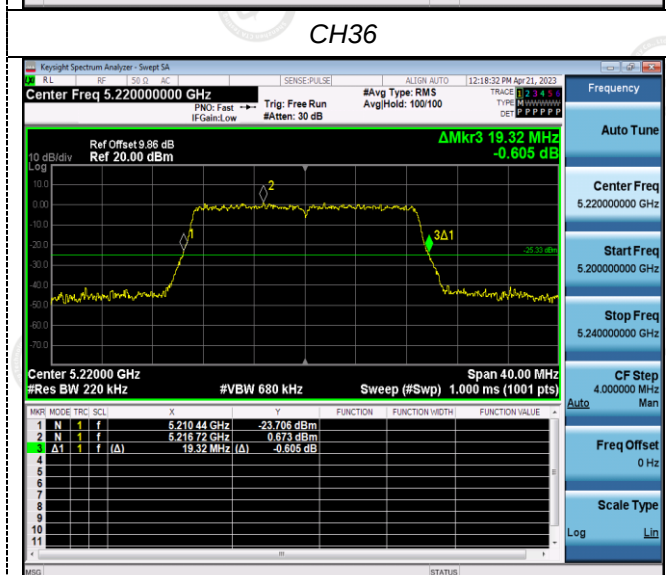
802.11ax(HT20)



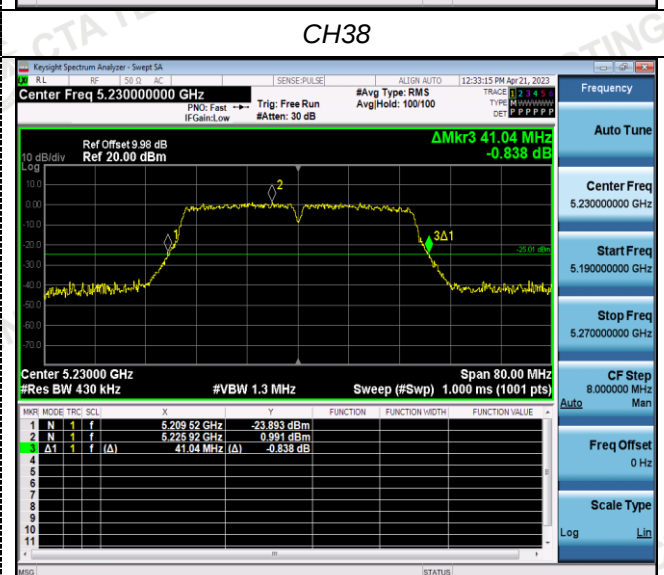
802.11ax(HT40)



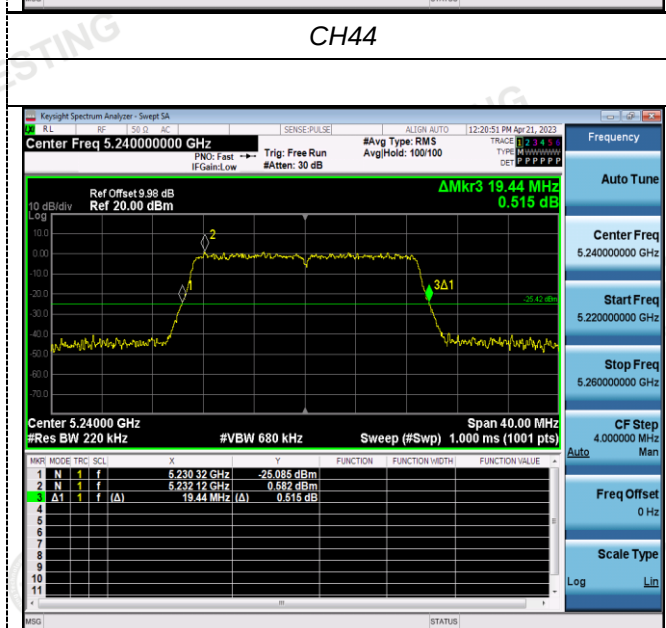
CH36



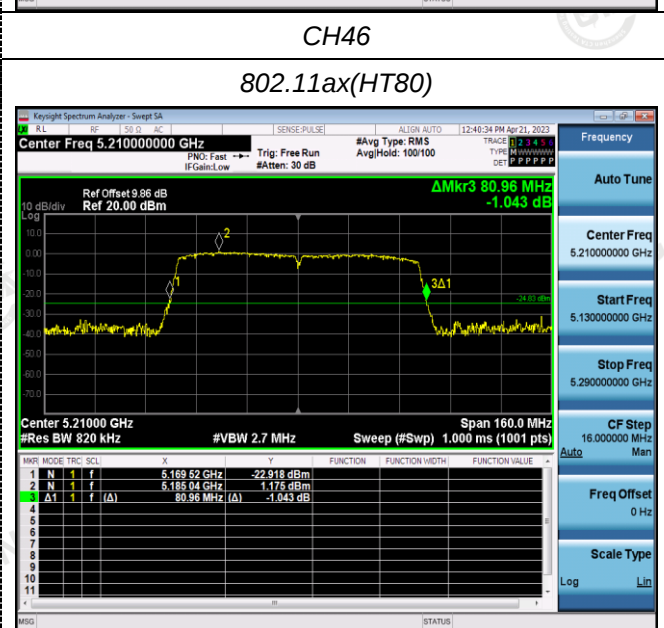
CH38



CH44



CH46



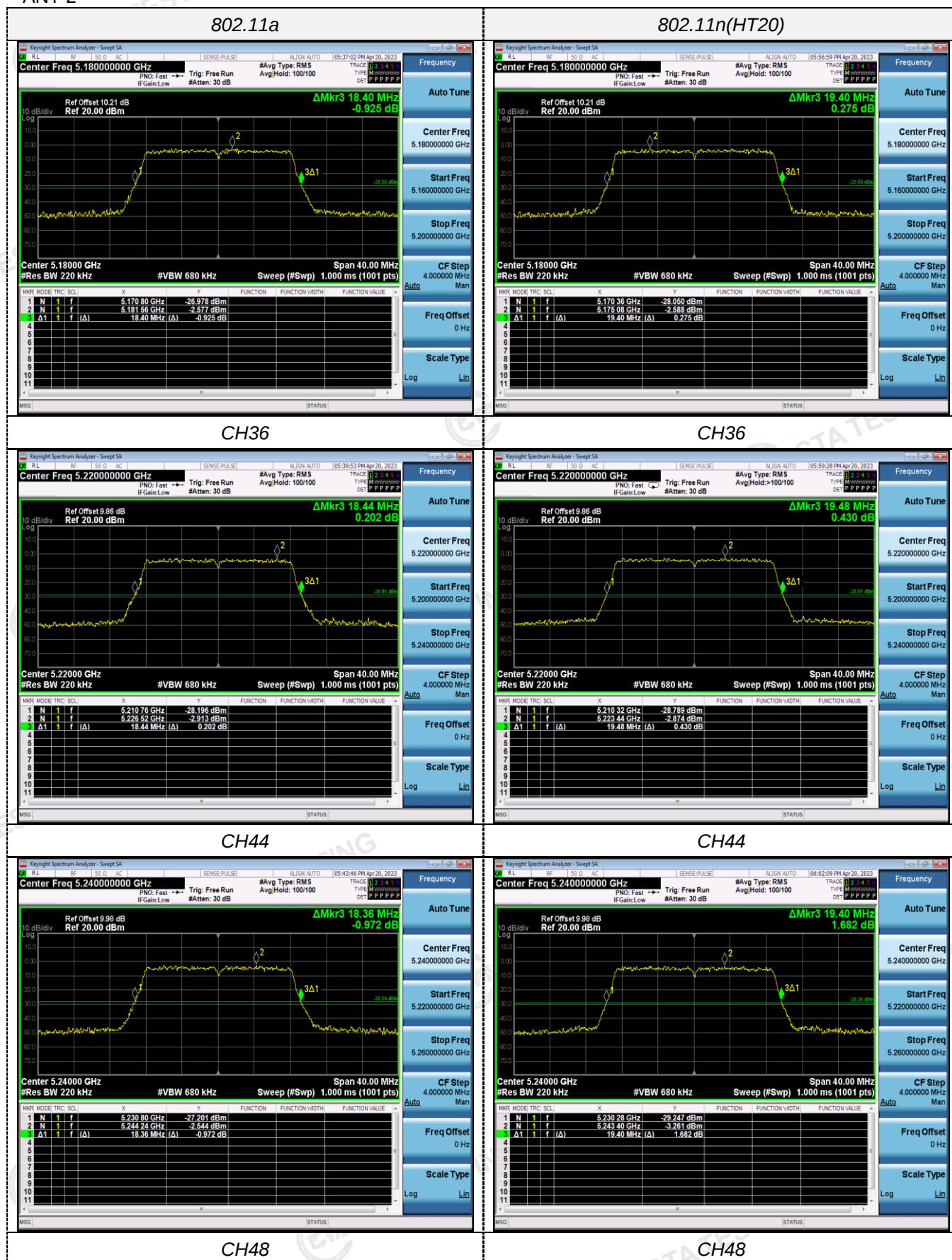
CH48



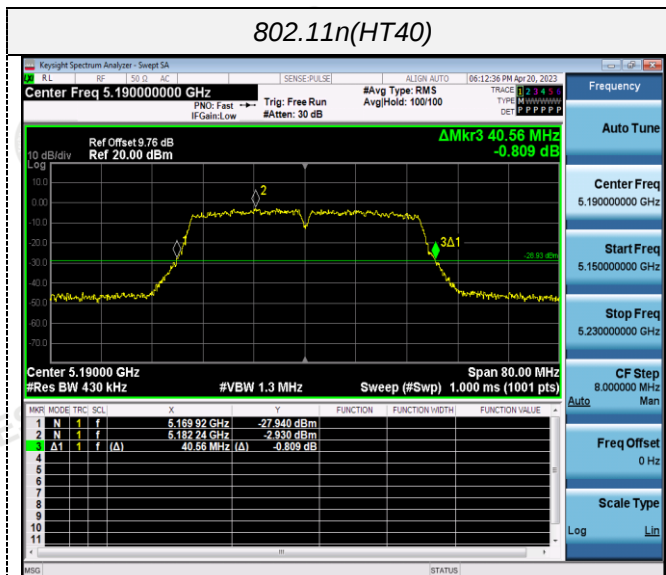
CH42



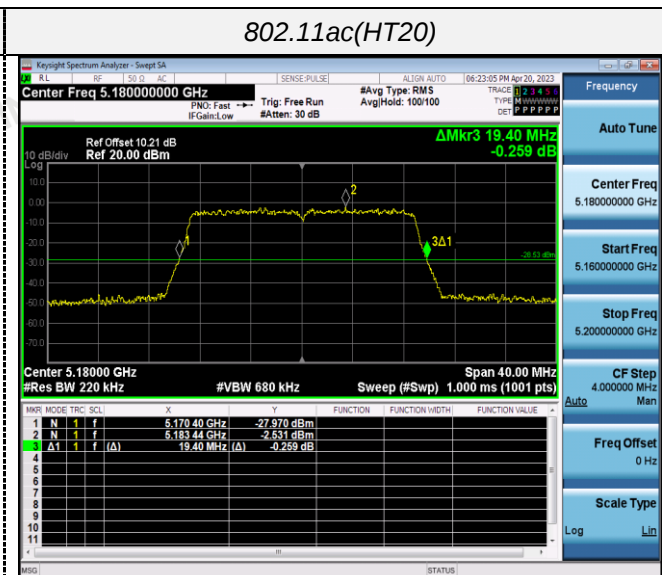
## ANT 2



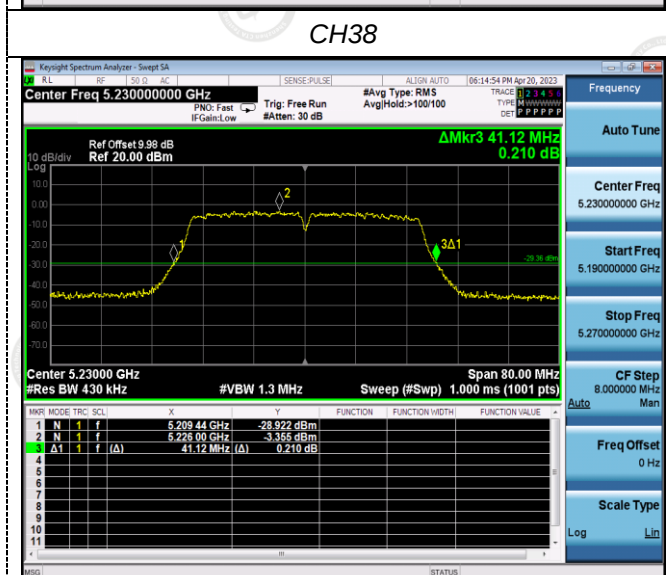
802.11n(HT40)



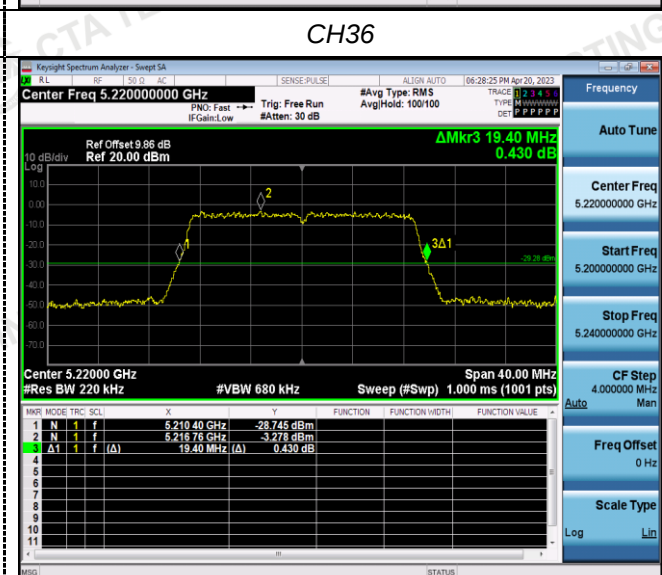
802.11ac(HT20)



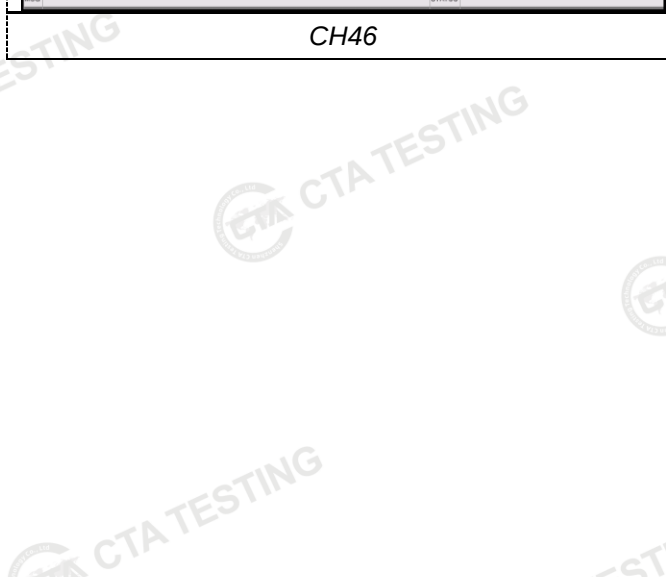
CH38



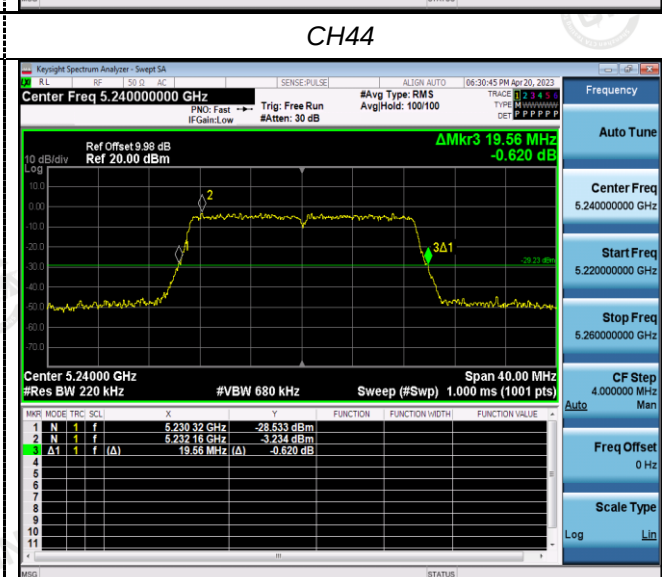
CH36



CH46



CH44



CH48

## 802.11ac(HT40)



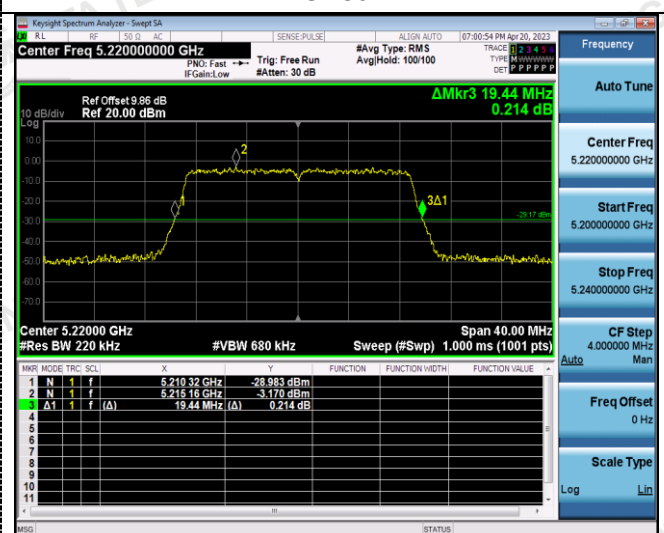
## 802.11ax(HT20)



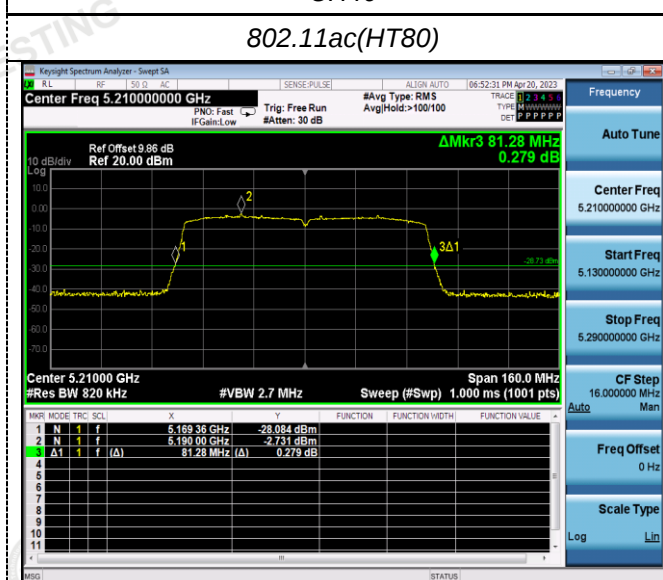
## CH38



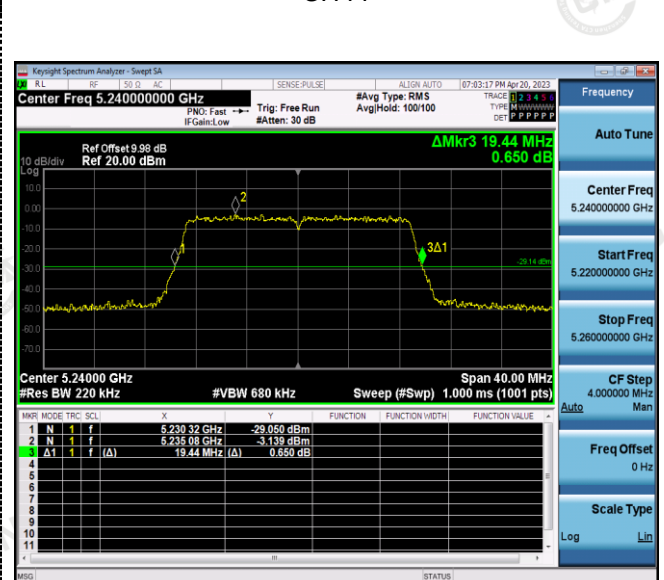
## CH36



## CH46



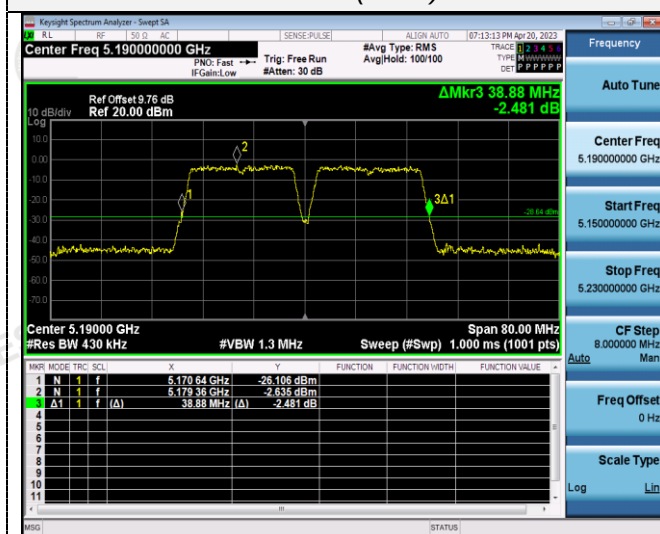
## CH44



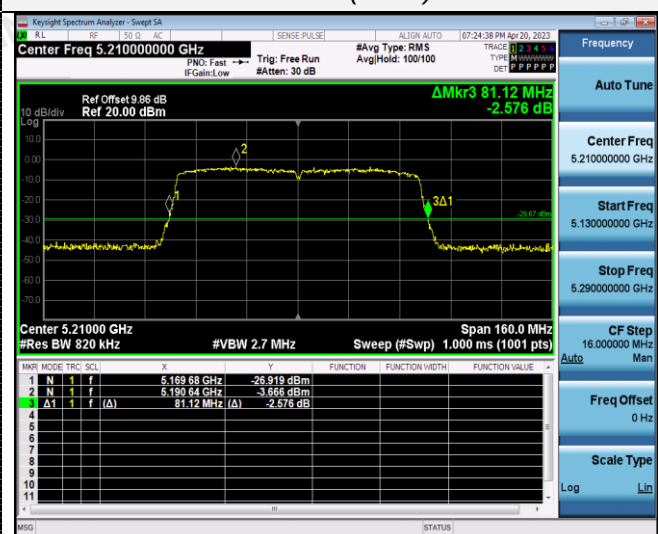
## CH42

## CH48

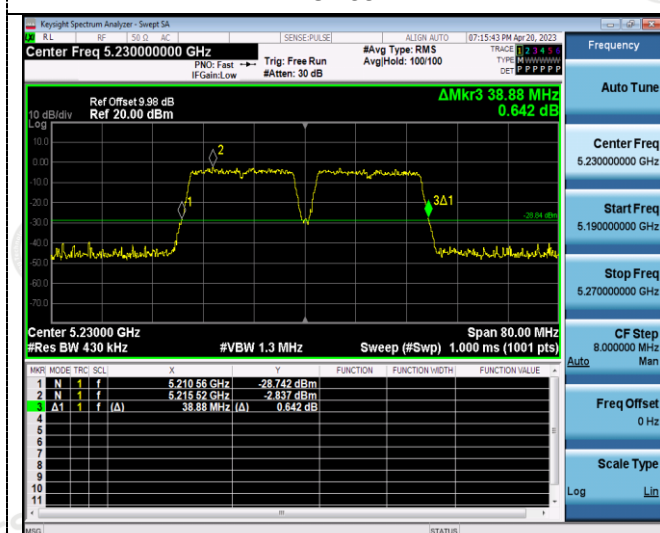
802.11ax(HT40)



802.11ax(HT80)



CH38



CH46

CH42



#### 4.6 Minimum Emission Bandwidth (6dB Bandwidth)

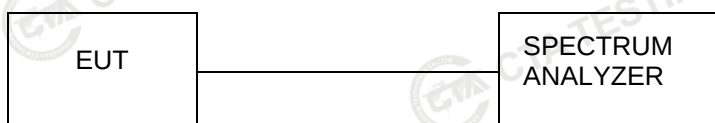
##### Limit

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

##### Test Procedure

1. Set resolution bandwidth (RBW) = 100 kHz
2. Set the video bandwidth 3 x RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

##### Test Configuration



##### Test Results

##### ANT 1

| Type           | Bands   | Channel | 6dB Bandwidth (MHz) | Limit (KHz) | Result |
|----------------|---------|---------|---------------------|-------------|--------|
| 802.11a        | U-NII 3 | 149     | 16.480              | ≥500KHz     | Pass   |
|                |         | 157     | 16.480              |             |        |
|                |         | 165     | 16.520              |             |        |
| 802.11n(HT20)  | U-NII 3 | 149     | 16.480              |             |        |
|                |         | 157     | 16.480              |             |        |
|                |         | 165     | 16.480              |             |        |
| 802.11n(HT40)  | U-NII 3 | 151     | 36.400              |             |        |
|                |         | 159     | 36.480              |             |        |
| 802.11ac(HT20) | U-NII 3 | 149     | 17.760              |             |        |
|                |         | 157     | 17.640              |             |        |
|                |         | 165     | 17.680              |             |        |
| 802.11ac(HT40) | U-NII 3 | 151     | 36.400              |             |        |
|                |         | 159     | 36.400              |             |        |
| 802.11ac(HT80) | U-NII 3 | 155     | 76.320              |             |        |
| 802.11ax(HT20) | U-NII 3 | 149     | 17.680              |             |        |
|                |         | 157     | 17.680              |             |        |
|                |         | 165     | 17.680              |             |        |
| 802.11ax(HT40) | U-NII 3 | 151     | 36.400              |             |        |
|                |         | 159     | 36.400              |             |        |
| 802.11ax(HT80) | U-NII 3 | 155     | 76.320              |             |        |

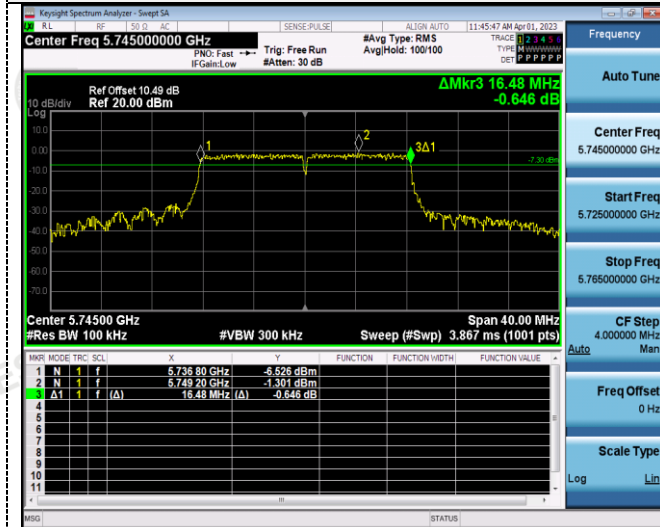
## ANT 2

|                | Bands   | Channel | 6dB Bandwidth (MHz) | Limit (KHz) | Result |
|----------------|---------|---------|---------------------|-------------|--------|
| 802.11a        | U-NII 3 | 149     | 16.440              | ≥500KHz     | Pass   |
|                |         | 157     | 16.440              |             |        |
|                |         | 165     | 16.480              |             |        |
| 802.11n(HT20)  | U-NII 3 | 149     | 17.680              |             |        |
|                |         | 157     | 17.720              |             |        |
|                |         | 165     | 17.720              |             |        |
| 802.11n(HT40)  | U-NII 3 | 151     | 36.400              |             |        |
|                |         | 159     | 36.400              |             |        |
| 802.11ac(HT20) | U-NII 3 | 149     | 17.680              |             |        |
|                |         | 157     | 17.680              |             |        |
|                |         | 165     | 17.640              |             |        |
| 802.11ac(HT40) | U-NII 3 | 151     | 36.400              |             |        |
|                |         | 159     | 36.400              |             |        |
| 802.11ac(HT80) | U-NII 3 | 155     | 76.320              |             |        |
| 802.11ax(HT20) | U-NII 3 | 149     | 17.640              |             |        |
|                |         | 157     | 17.640              |             |        |
|                |         | 165     | 17.720              |             |        |
| 802.11ax(HT40) | U-NII 3 | 151     | 36.400              |             |        |
|                |         | 159     | 36.400              |             |        |
| 802.11ax(HT80) | U-NII 3 | 155     | 76.320              |             |        |

Test plot as follows:

## ANT 1

## 802.11a



## 802.11n(HT20)



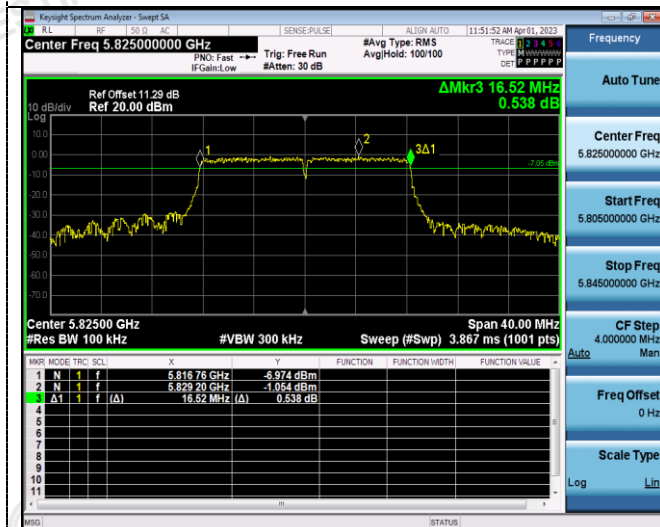
## CH149



## CH149



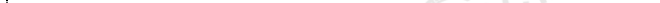
## CH157



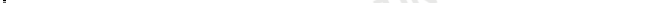
## CH157



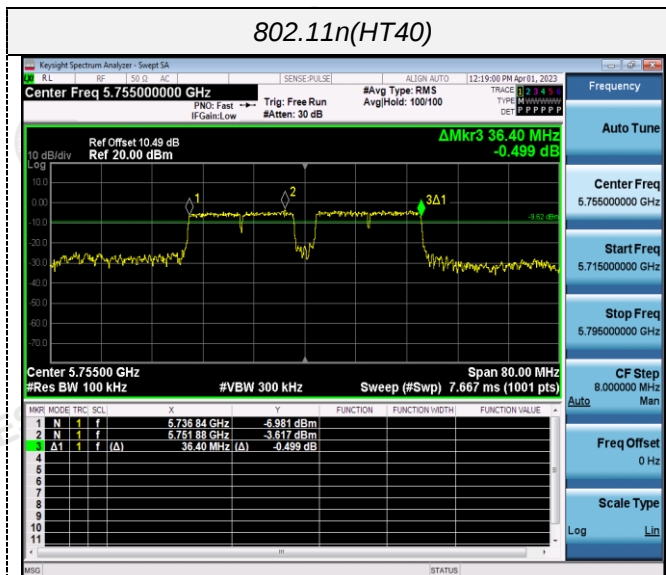
## CH165



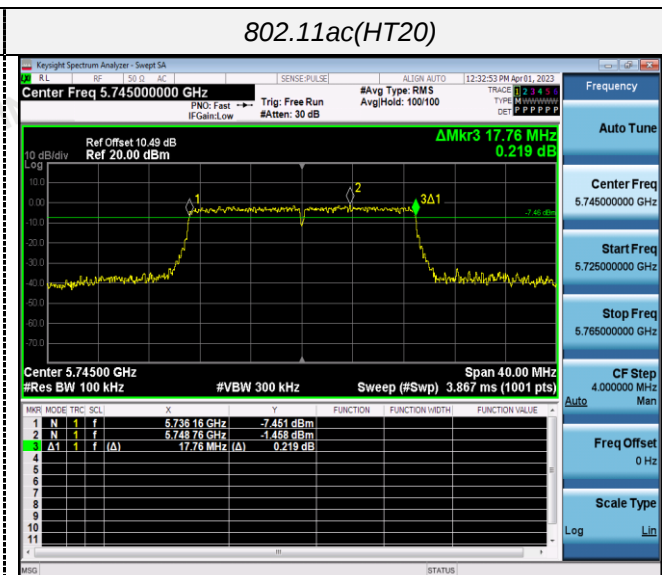
## CH165



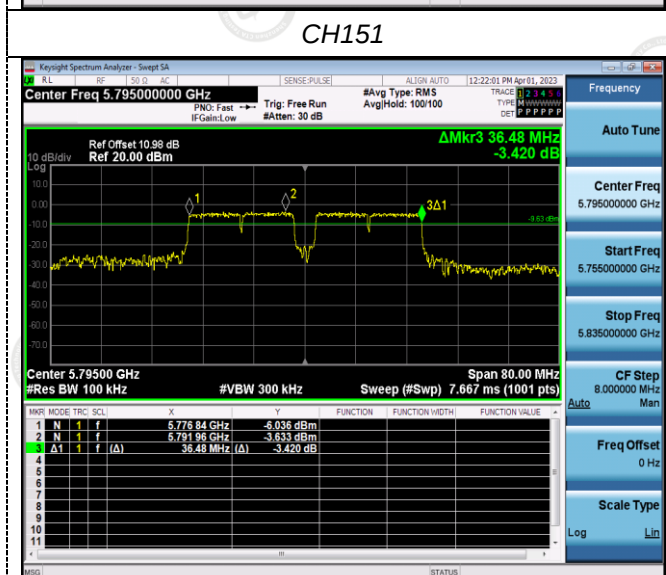
802.11n(HT40)



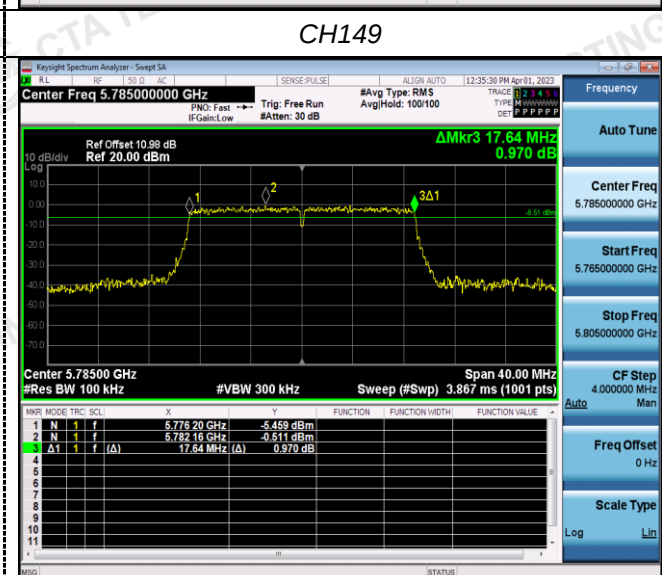
802.11ac(HT20)



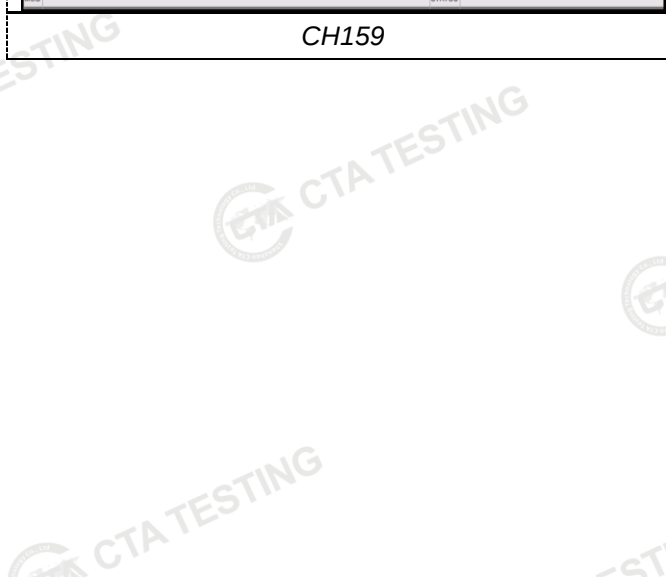
CH151



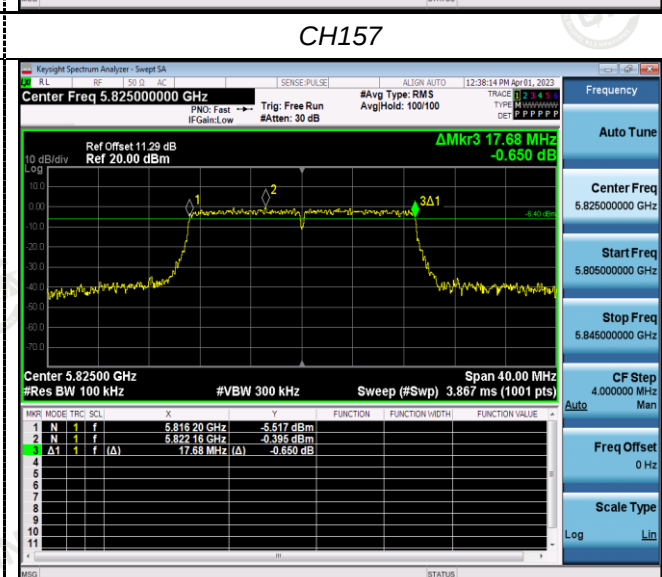
CH149



CH159

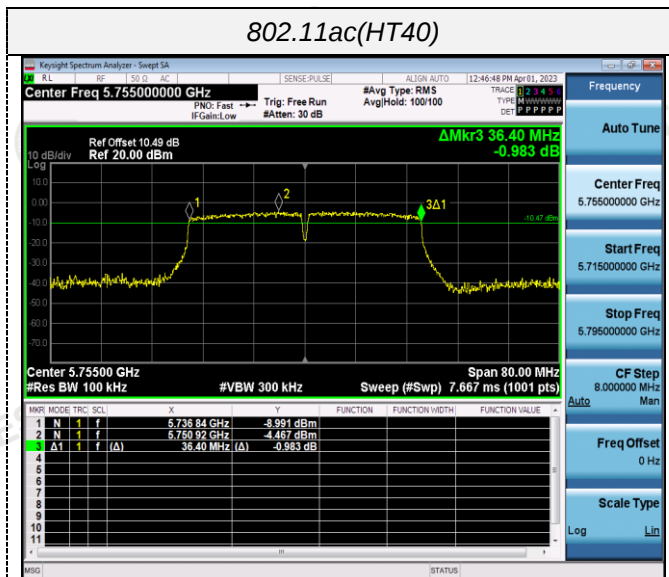


CH157



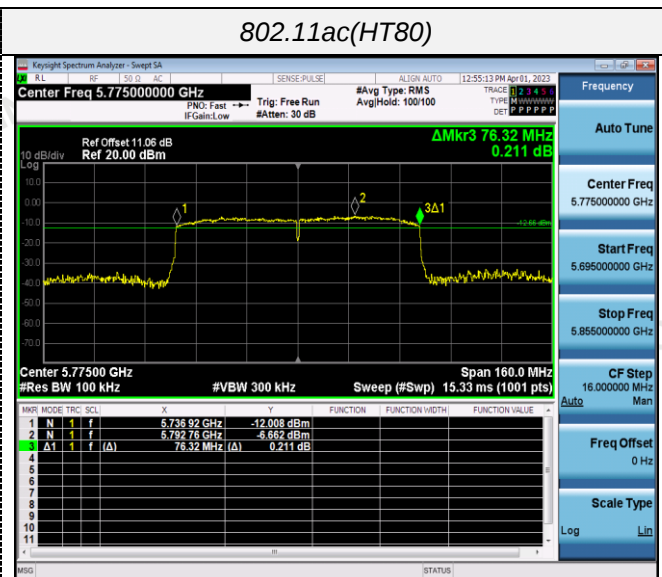
CH165

802.11ac(HT40)



CH151

802.11ac(HT80)



CH155



CH159