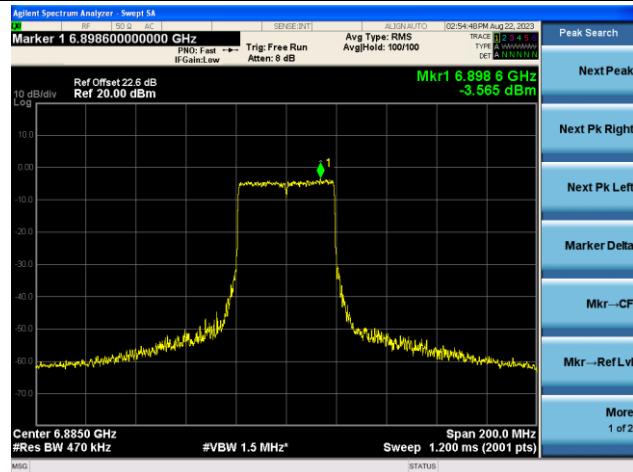


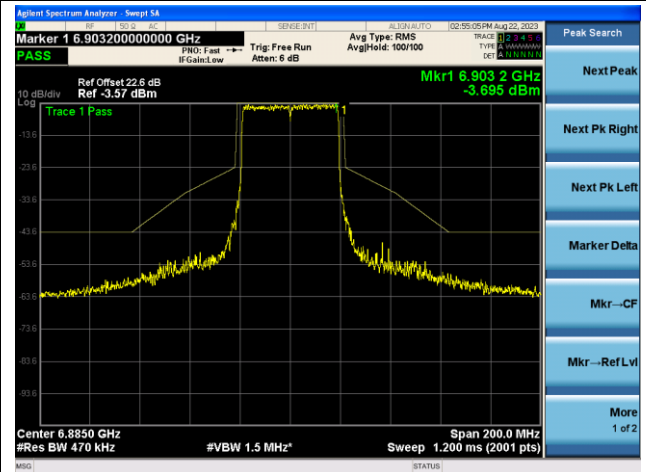
## 802.11ax-HE40 - Ant 2 (Nss = 2)

## Channel 187 (6885MHz)

## The Reference Level

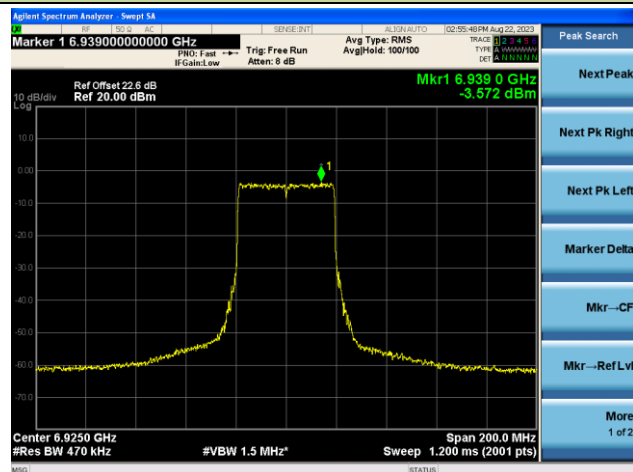


## The Mask Data

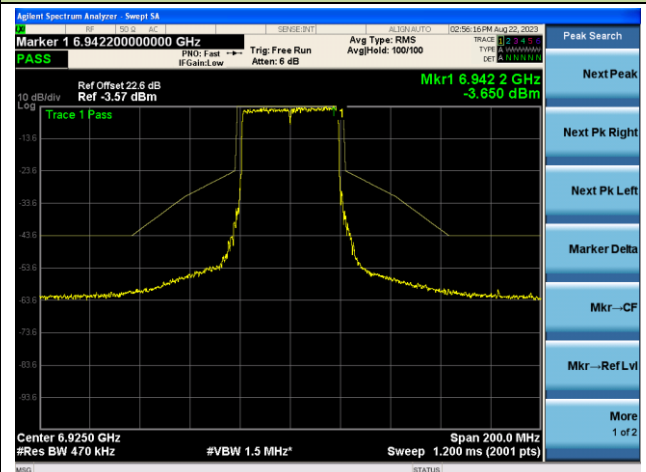


## Channel 195 (6925MHz)

## The Reference Level

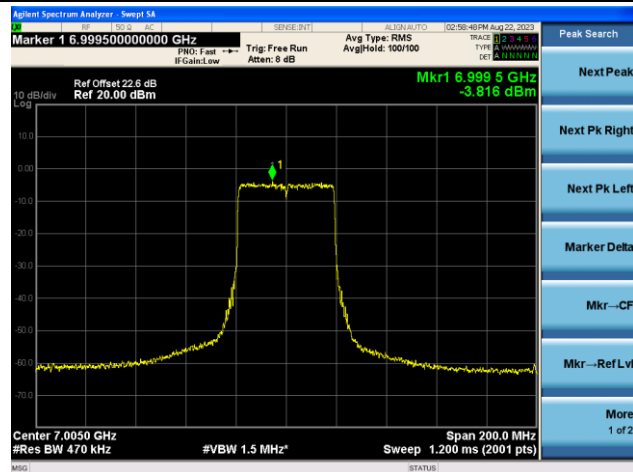


## The Mask Data

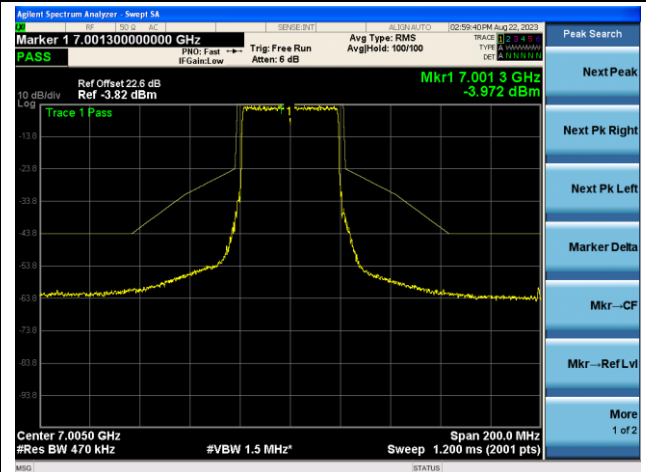


## Channel 211 (7005MHz)

## The Reference Level



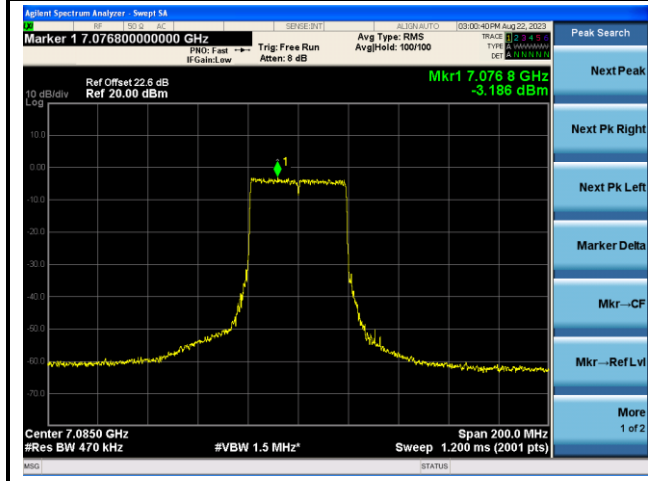
## The Mask Data



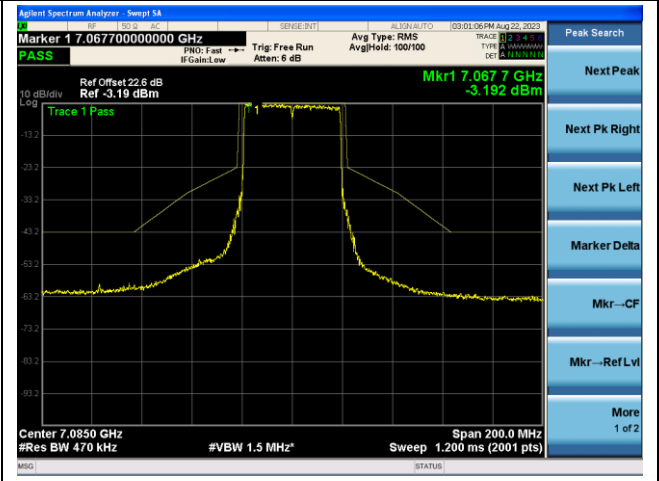
802.11ax-HE40 - Ant 2 (N<sub>ss</sub> = 2)

Channel 227 (7085MHz)

The Reference Level



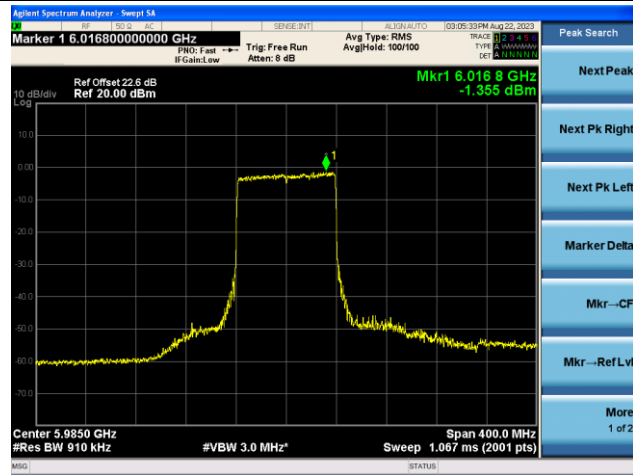
The Mask Data



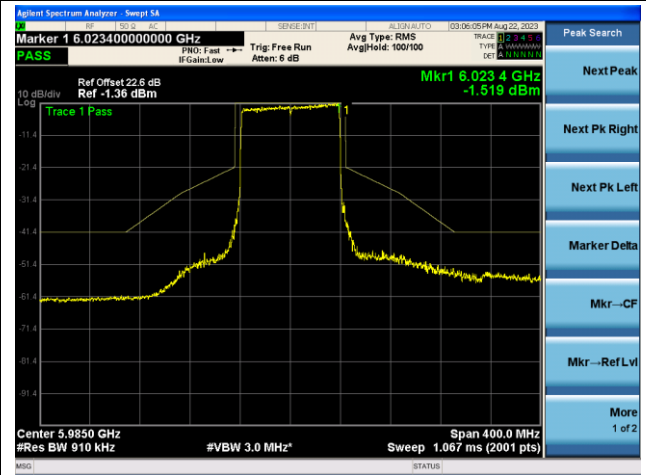
## 802.11ax-HE80 - Ant 2 (Nss = 2)

## Channel 7 (5985MHz)

## The Reference Level

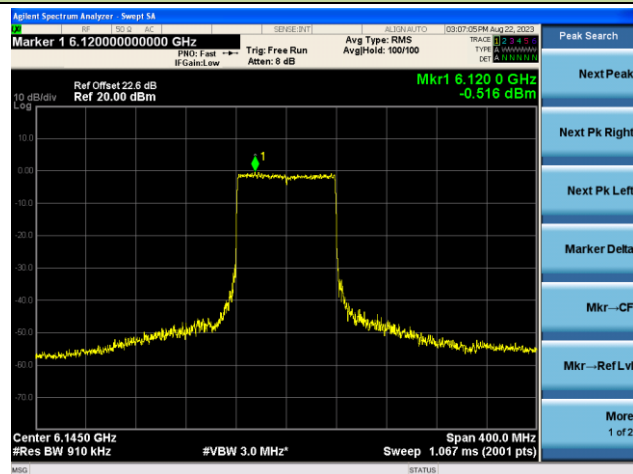


## The Mask Data

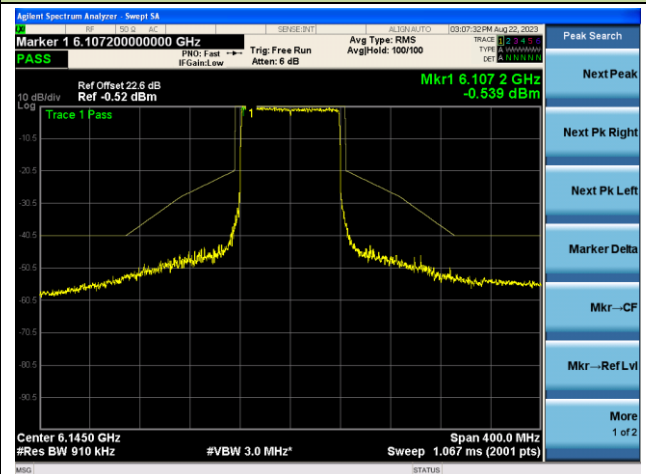


## Channel 39 (6145MHz)

## The Reference Level

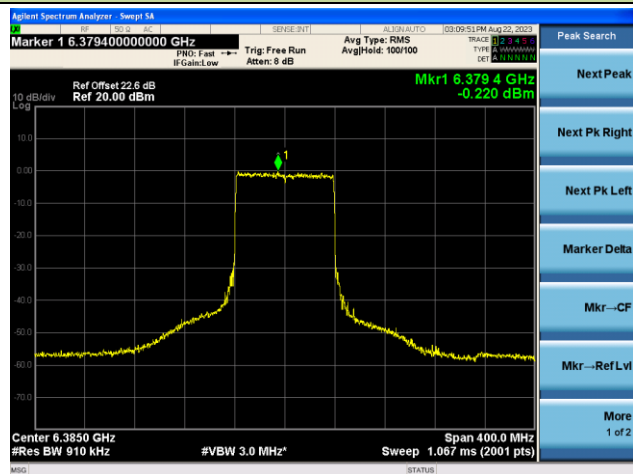


## The Mask Data

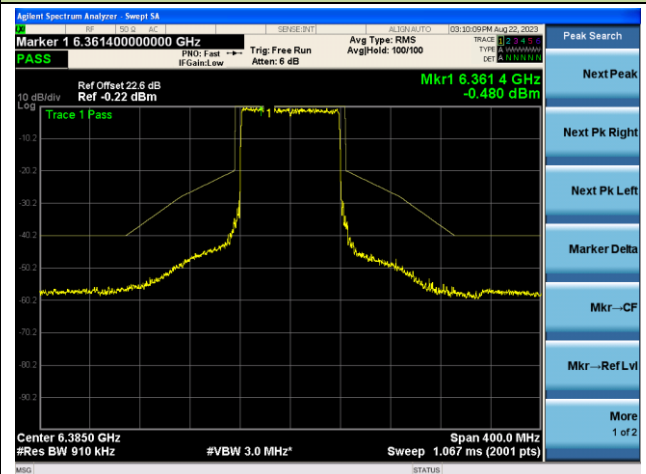


## Channel 87 (6385MHz)

## The Reference Level



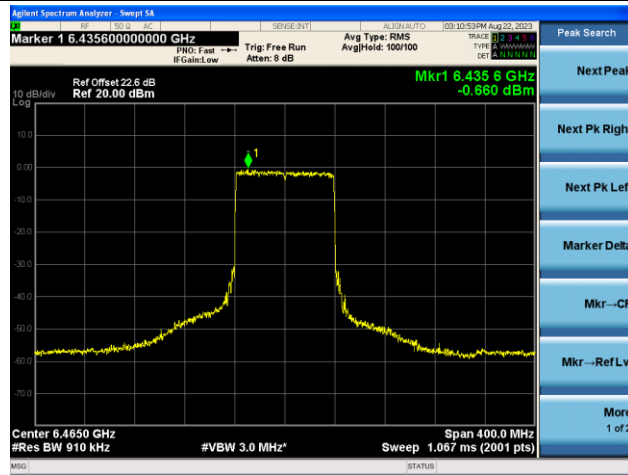
## The Mask Data



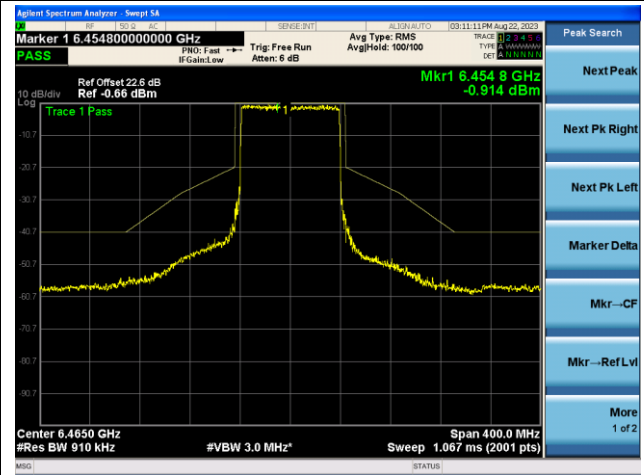
## 802.11ax-HE40 - Ant 2 (Nss = 2)

## Channel 103 (6465MHz)

## The Reference Level

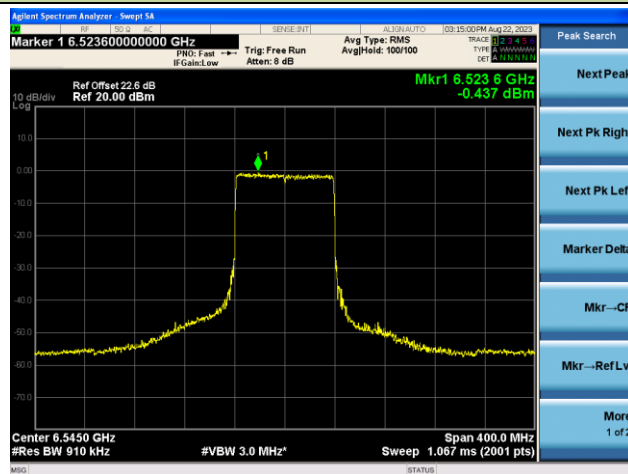


## The Mask Data

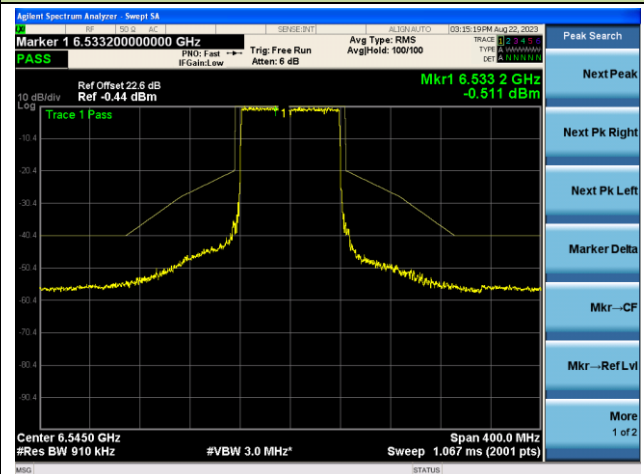


## Channel 119 (6545MHz)

## The Reference Level

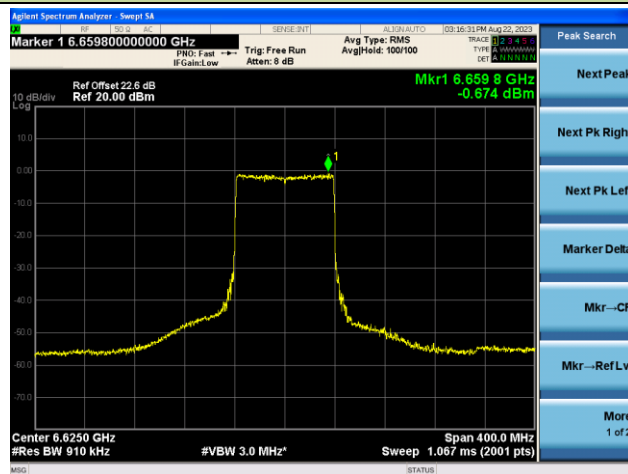


## The Mask Data

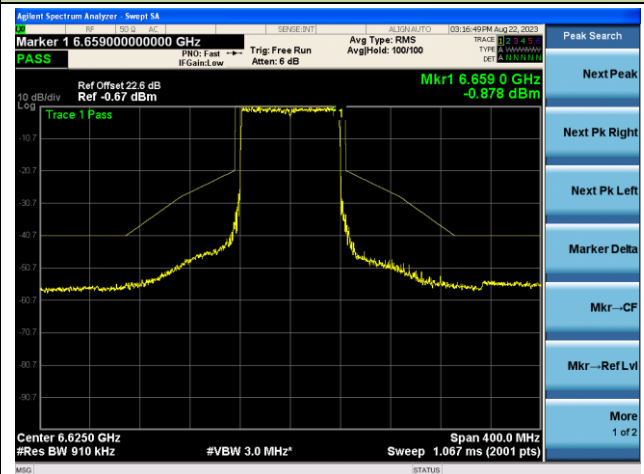


## Channel 135 (6625MHz)

## The Reference Level



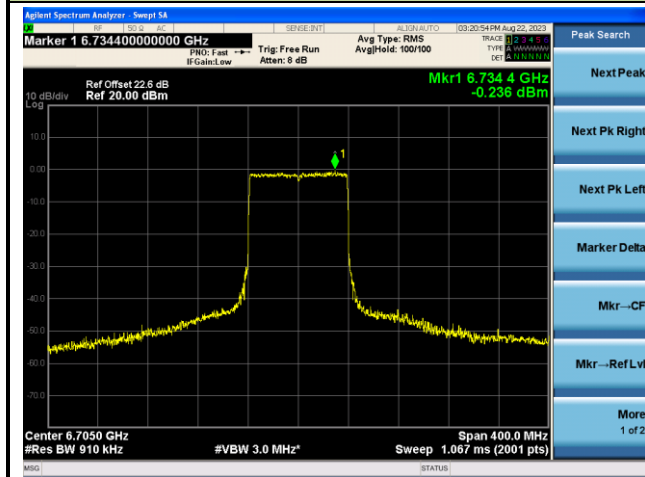
## The Mask Data



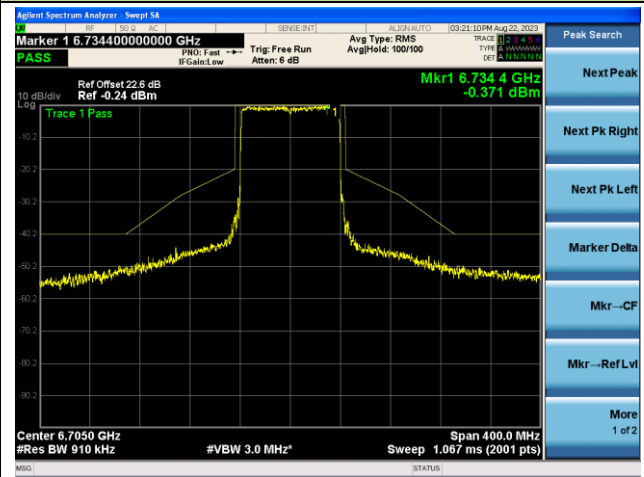
802.11ax-HE40 - Ant 2 (N<sub>SS</sub> = 2)

## Channel 151 (6705MHz)

## The Reference Level

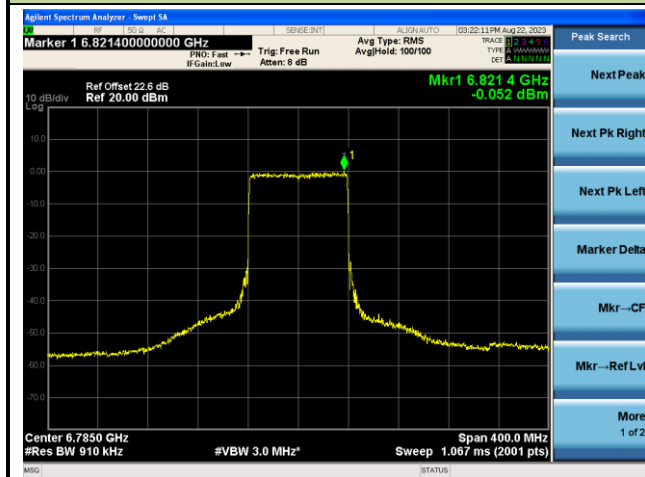


## The Mask Data

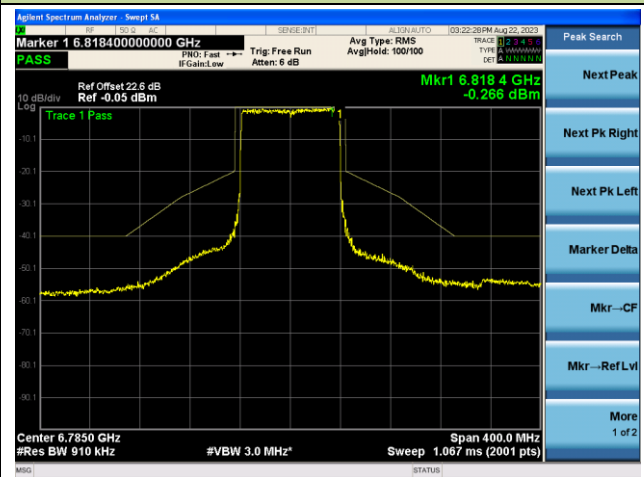


## Channel 167 (6785MHz)

## The Reference Level

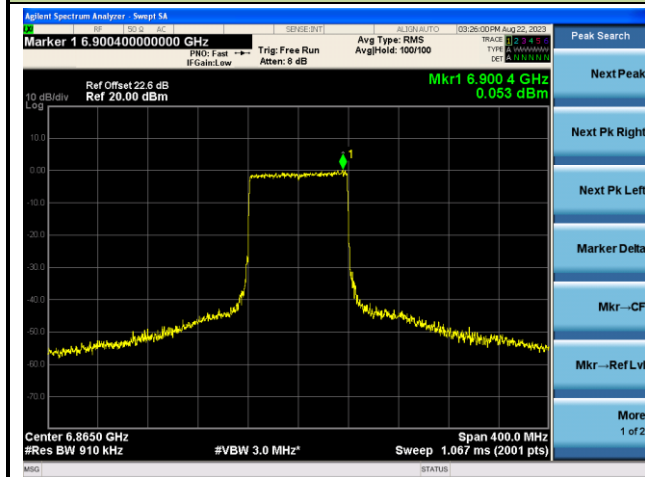


## The Mask Data

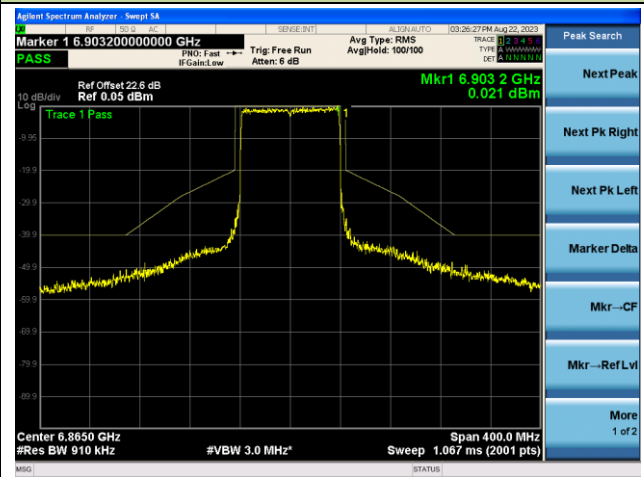


## Channel 183 (6865MHz)

## The Reference Level



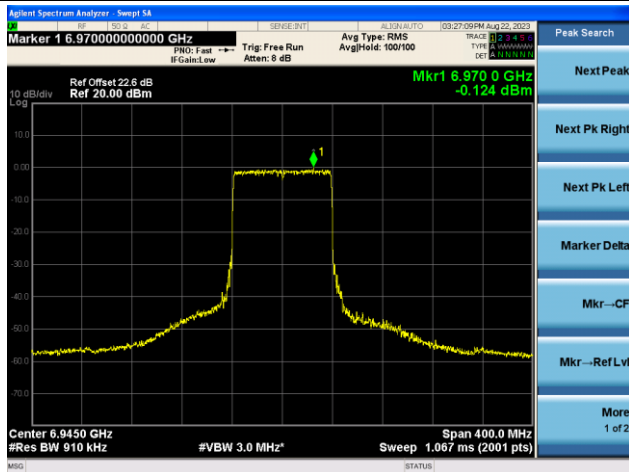
## The Mask Data



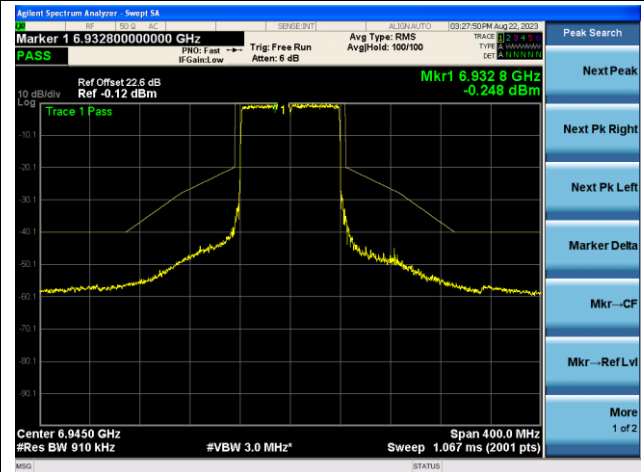
## 802.11ax-HE40 - Ant 2 (Nss = 2)

## Channel 199 (6945MHz)

## The Reference Level

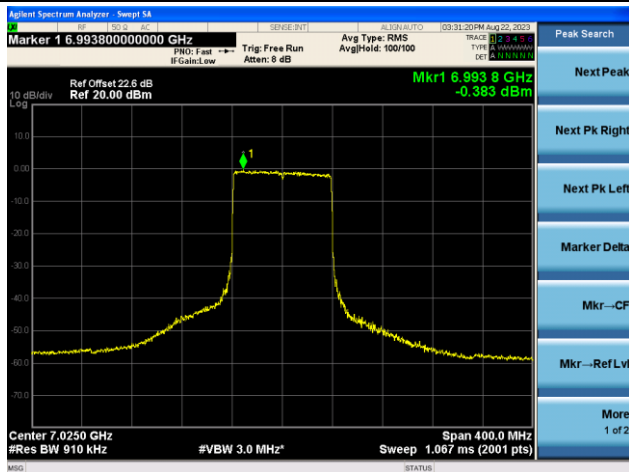


## The Mask Data

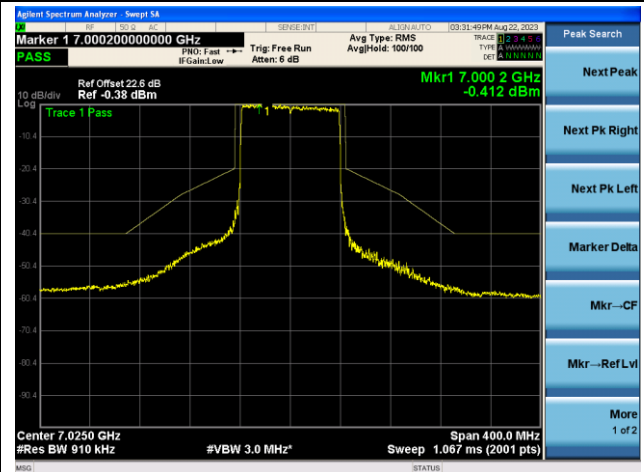


## Channel 215 (7025MHz)

## The Reference Level



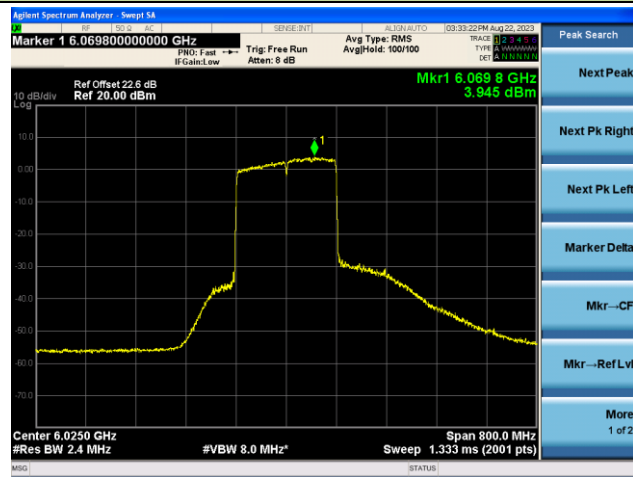
## The Mask Data



802.11ax-HE160 - Ant 2 ( $N_{SS} = 2$ )

## Channel 15 (6025MHz)

## The Reference Level

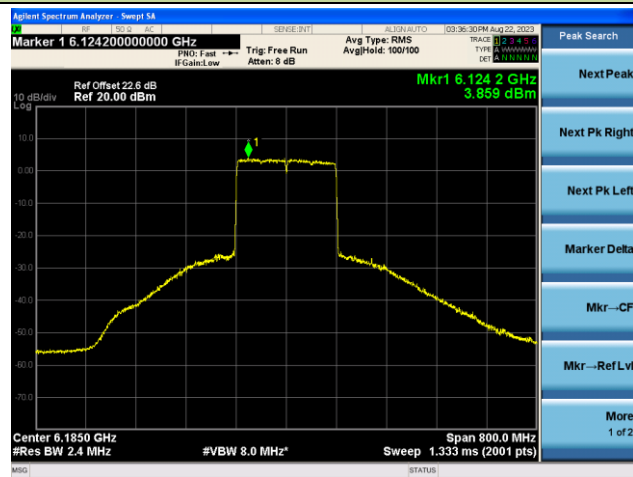


## The Mask Data

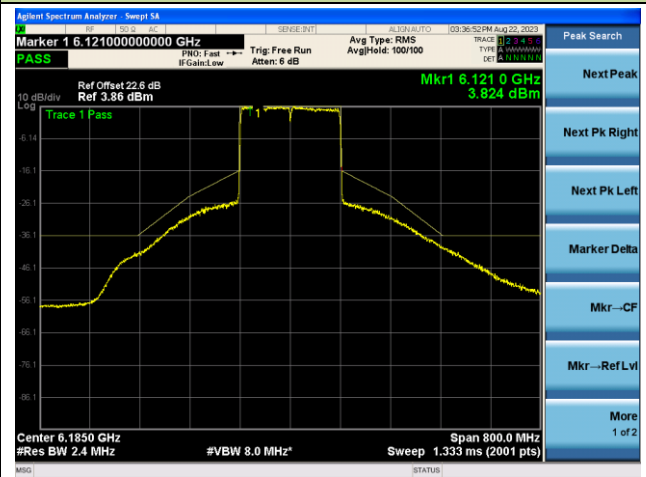


## Channel 47 (6185MHz)

## The Reference Level

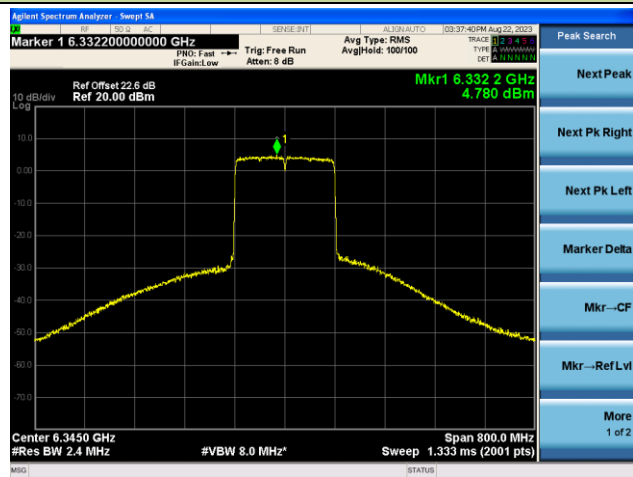


## The Mask Data

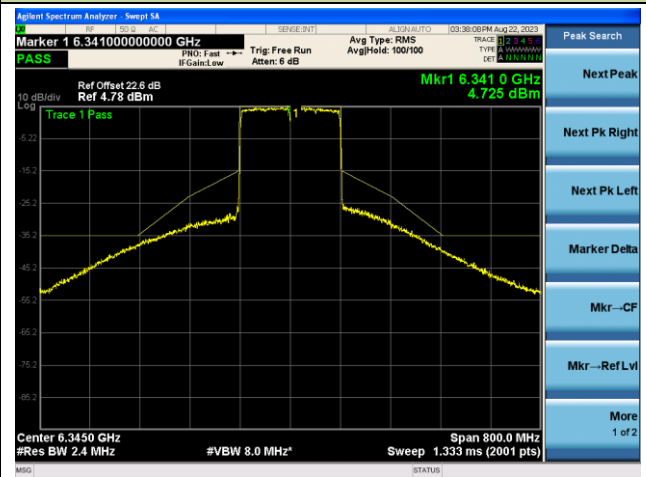


## Channel 79 (6345MHz)

## The Reference Level



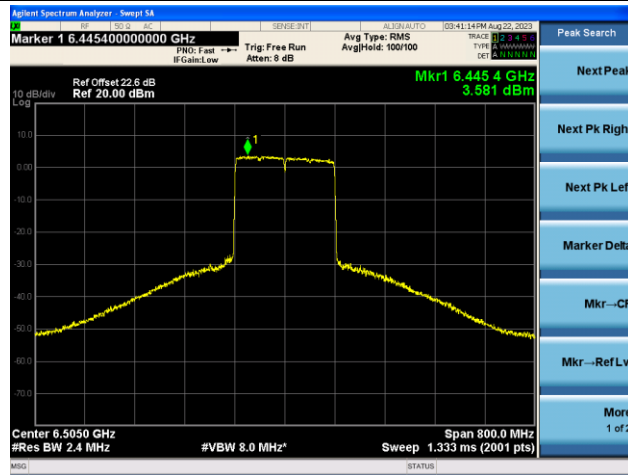
## The Mask Data



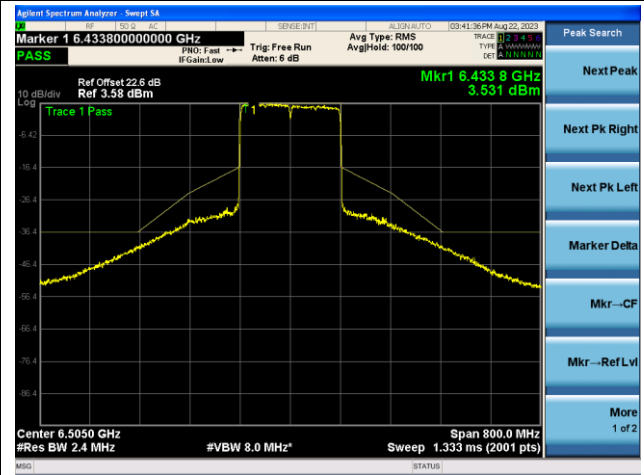
802.11ax-HE160 - Ant 2 ( $N_{SS} = 2$ )

## Channel 111 (6505MHz)

## The Reference Level

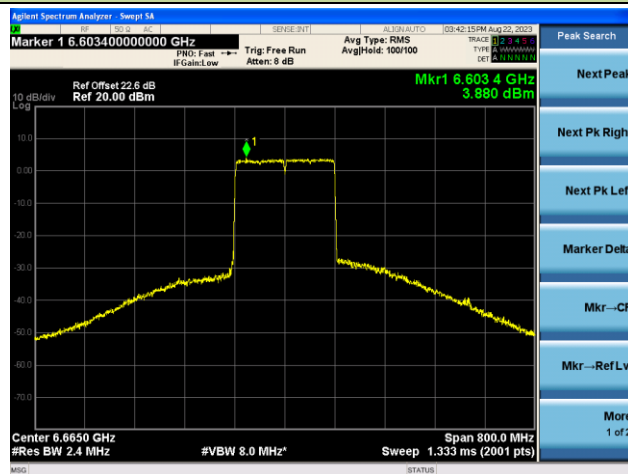


## The Mask Data

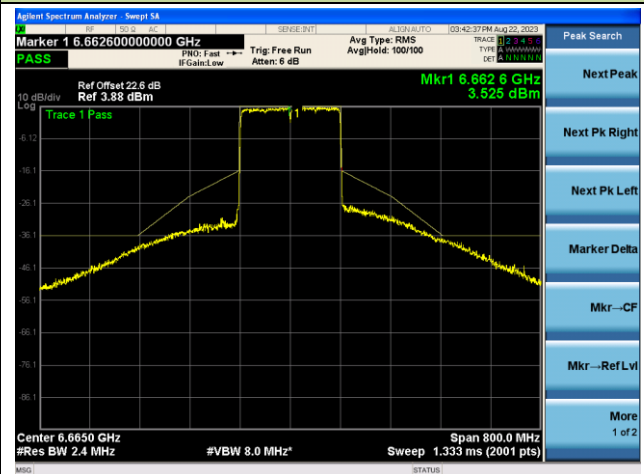


## Channel 143 (6665MHz)

## The Reference Level

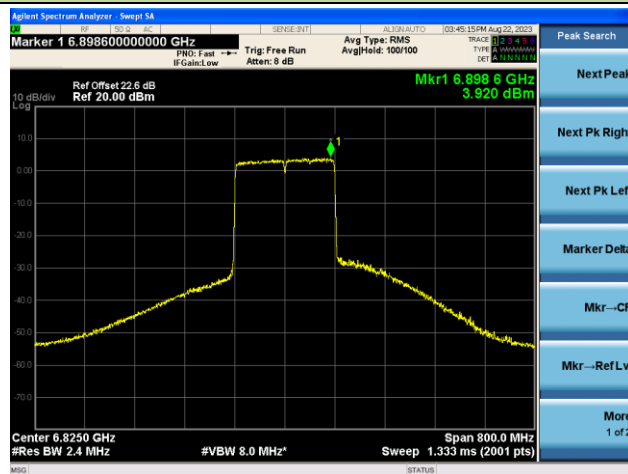


## The Mask Data

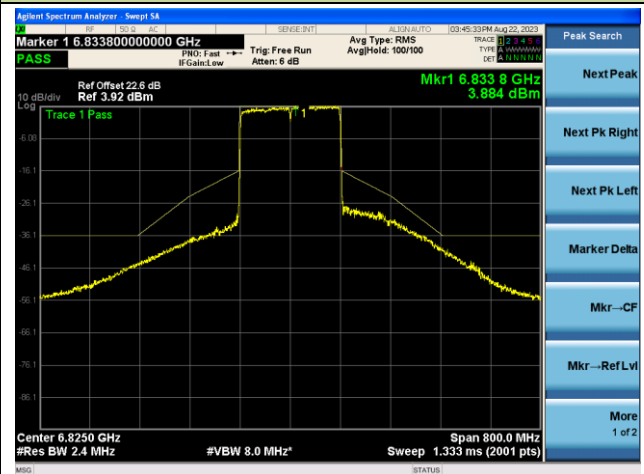


## Channel 175 (6825MHz)

## The Reference Level



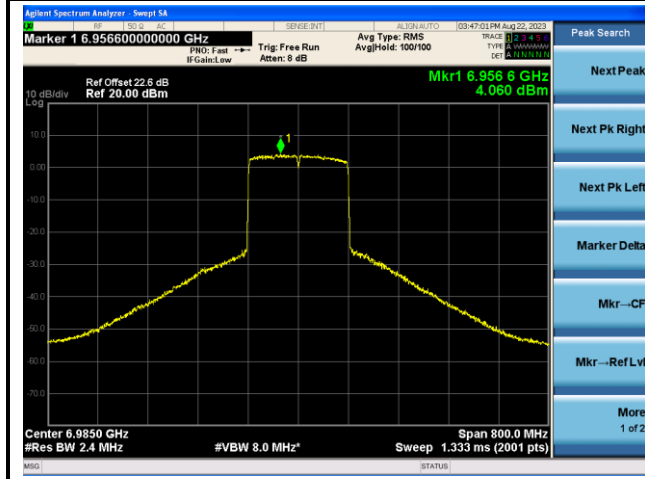
## The Mask Data



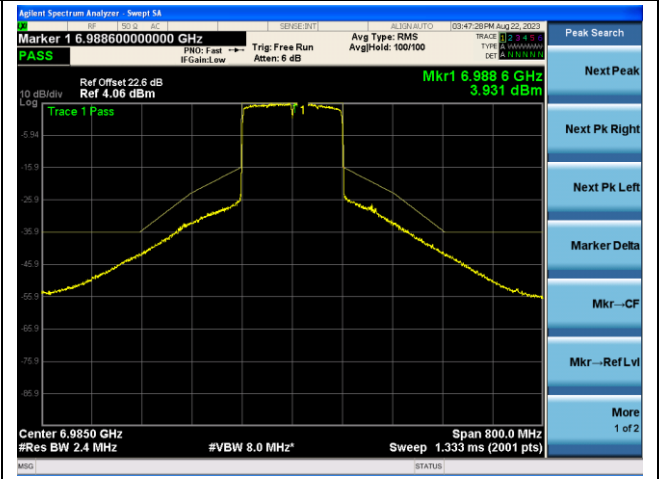
802.11ax-HE160 - Ant 2 (N<sub>SS</sub> = 2)

## Channel 207 (6985MHz)

## The Reference Level



## The Mask Data



## A.6 Contention Based Protocol Test Result

|           |                         |               |                                     |
|-----------|-------------------------|---------------|-------------------------------------|
| Test Site | WZ-SR4                  | Test Engineer | Jeff Yang                           |
| Test Date | 2024-01-11 ~ 2024-01-14 | Device Type   | Low Power Indoor Access Point (6ID) |

| Test Channel            | Bandwidth (MHz) | Freq. (MHz) | AWGN Freq. (MHz) | AWGN Power (dBm) | Ant. Gain (dBi) | Adjust Power (dBm) | Detection Limit (dBm) | Detected Number | Detection Probability (%) | Limit (%) | Test Result |
|-------------------------|-----------------|-------------|------------------|------------------|-----------------|--------------------|-----------------------|-----------------|---------------------------|-----------|-------------|
| Operation Band: U-NII 5 |                 |             |                  |                  |                 |                    |                       |                 |                           |           |             |
| 33                      | 20              | 6115        | 6115             | -76              | 2               | -78                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 47                      | 160             | 6185        | 6110             | -74              | 2               | -76                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 47                      | 160             | 6185        | 6185             | -71              | 2               | -73                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 47                      | 160             | 6185        | 6260             | -62              | 2               | -64                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| Operation Band: U-NII 6 |                 |             |                  |                  |                 |                    |                       |                 |                           |           |             |
| 97                      | 20              | 6435        | 6435             | -74              | 2               | -76                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 111                     | 80              | 6465        | 6430             | -68              | 2               | -70                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 111                     | 80              | 6465        | 6465             | -72              | 2               | -74                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 111                     | 80              | 6465        | 6500             | -63              | 2               | -65                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| Operation Band: U-NII 7 |                 |             |                  |                  |                 |                    |                       |                 |                           |           |             |
| 153                     | 20              | 6715        | 6715             | -65              | 2               | -67                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 143                     | 160             | 6665        | 6590             | -62              | 2               | -64                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 143                     | 160             | 6665        | 6665             | -64              | 2               | -66                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 143                     | 160             | 6665        | 6740             | -72              | 2               | -74                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| Operation Band: U-NII 8 |                 |             |                  |                  |                 |                    |                       |                 |                           |           |             |
| 213                     | 20              | 7015        | 7015             | -70              | 2               | -72                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 207                     | 160             | 6985        | 6910             | -75              | 2               | -77                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 207                     | 160             | 6985        | 6985             | -63              | 2               | -65                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |
| 207                     | 160             | 6985        | 7060             | -72              | 2               | -74                | ≤ -62.0               | 10              | 100                       | 90        | Pass        |

Note 1: Adjust Power (dBm) = AWGN Power (dBm) – Antenna Gain (dBi).

Note 2: Conducted measurements are used.

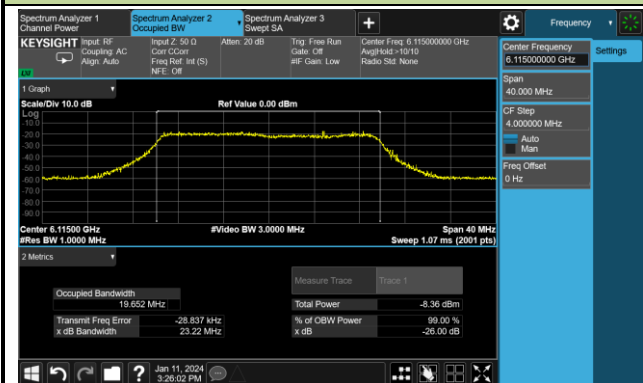
|           |                         |               |                                     |
|-----------|-------------------------|---------------|-------------------------------------|
| Test Site | WZ-SR4                  | Test Engineer | Jeff Yang                           |
| Test Date | 2024-01-11 ~ 2024-01-14 | Device Type   | Low Power Indoor Access Point (6ID) |

| Bandwidth<br>(MHz)      | Freq.<br>(MHz) | AWGN Freq.<br>(MHz) | Adjust Power<br>(dBm) | EUT Tx Status |
|-------------------------|----------------|---------------------|-----------------------|---------------|
| Operation Band: U-NII 5 |                |                     |                       |               |
| 20                      | 6115           | 6115                | -81                   | ON            |
|                         |                |                     | -80                   | Minimal       |
|                         |                |                     | -78                   | OFF           |
| 160                     | 6185           | 6110                | -82                   | ON            |
|                         |                |                     | -81                   | Minimal       |
|                         |                |                     | -76                   | OFF           |
| 160                     | 6185           | 6185                | -75                   | ON            |
|                         |                |                     | -74                   | Minimal       |
|                         |                |                     | -73                   | OFF           |
| 160                     | 6185           | 6260                | -84                   | ON            |
|                         |                |                     | -83                   | Minimal       |
|                         |                |                     | -64                   | OFF           |
| Operation Band: U-NII 6 |                |                     |                       |               |
| 20                      | 6435           | 6435                | -81                   | ON            |
|                         |                |                     | -80                   | Minimal       |
|                         |                |                     | -76                   | OFF           |
| 160                     | 6505           | 6430                | -83                   | ON            |
|                         |                |                     | -82                   | Minimal       |
|                         |                |                     | -70                   | OFF           |
| 160                     | 6505           | 6505                | -77                   | ON            |
|                         |                |                     | -76                   | Minimal       |
|                         |                |                     | -74                   | OFF           |
| 160                     | 6505           | 6580                | -84                   | ON            |
|                         |                |                     | -83                   | Minimal       |
|                         |                |                     | -65                   | OFF           |

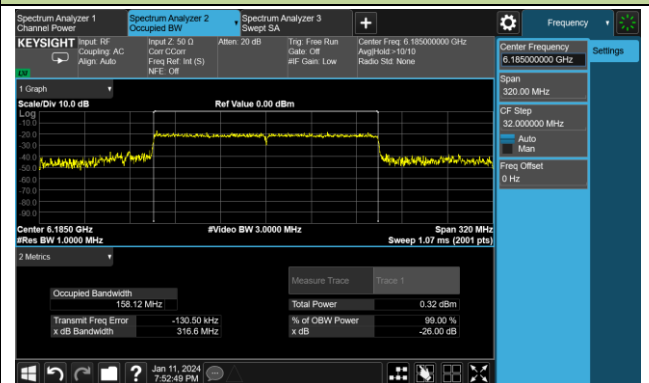
| Bandwidth<br>(MHz)                                                                                                                                                                                                                                                                                                                                                    | Freq.<br>(MHz) | AWGN Freq.<br>(MHz) | Adjust Power<br>(dBm) | EUT Status |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|-----------------------|------------|
| Operation Band: U-NII 7                                                                                                                                                                                                                                                                                                                                               |                |                     |                       |            |
| 20                                                                                                                                                                                                                                                                                                                                                                    | 6715           | 6715                | -79                   | ON         |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -78                   | Minimal    |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -67                   | OFF        |
| 160                                                                                                                                                                                                                                                                                                                                                                   | 6665           | 6590                | -84                   | ON         |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -83                   | Minimal    |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -64                   | OFF        |
| 160                                                                                                                                                                                                                                                                                                                                                                   | 6665           | 6665                | -76                   | ON         |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -75                   | Minimal    |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -66                   | OFF        |
| 160                                                                                                                                                                                                                                                                                                                                                                   | 6665           | 6740                | -83                   | ON         |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -82                   | Minimal    |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -74                   | OFF        |
| Operation Band: U-NII 8                                                                                                                                                                                                                                                                                                                                               |                |                     |                       |            |
| 20                                                                                                                                                                                                                                                                                                                                                                    | 7015           | 7015                | -80                   | ON         |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -79                   | Minimal    |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -72                   | OFF        |
| 160                                                                                                                                                                                                                                                                                                                                                                   | 6985           | 6910                | -84                   | ON         |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -83                   | Minimal    |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -77                   | OFF        |
| 160                                                                                                                                                                                                                                                                                                                                                                   | 6985           | 6985                | -76                   | ON         |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -75                   | Minimal    |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -65                   | OFF        |
| 160                                                                                                                                                                                                                                                                                                                                                                   | 6985           | 7060                | -82                   | ON         |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -81                   | Minimal    |
|                                                                                                                                                                                                                                                                                                                                                                       |                |                     | -74                   | OFF        |
| Note:<br>OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds<br>Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently<br>ON: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds |                |                     |                       |            |

# EUT Tx Waveform

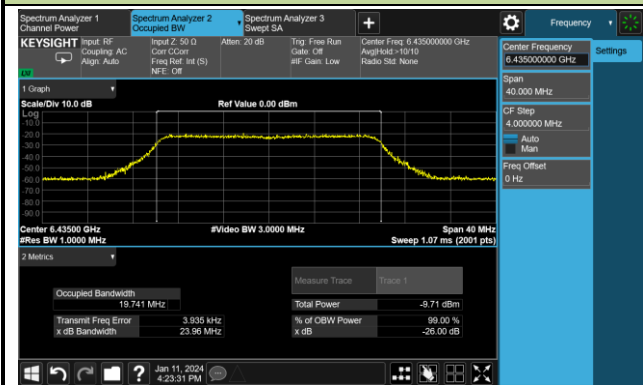
## 802.11ax-HE20 / CH33



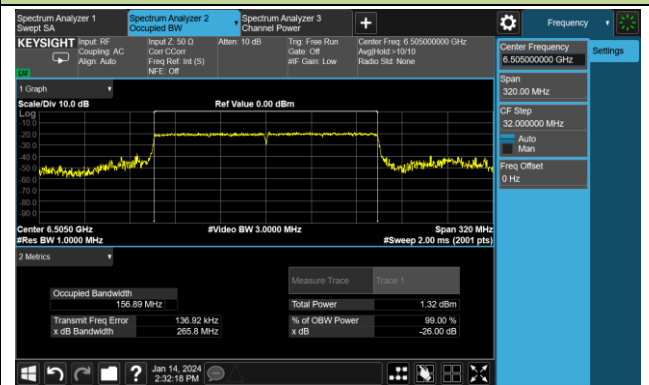
## 802.11ax-HE160 / CH47



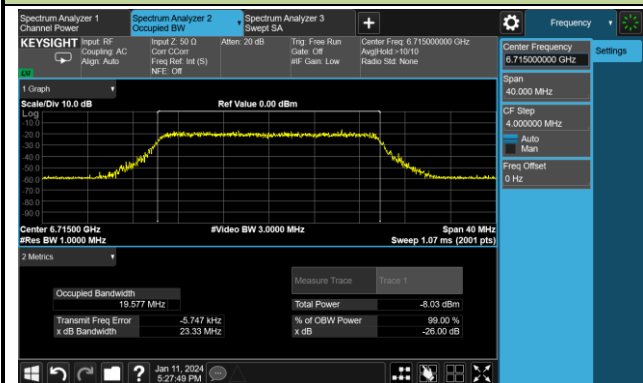
## 802.11ax-HE20 / CH97



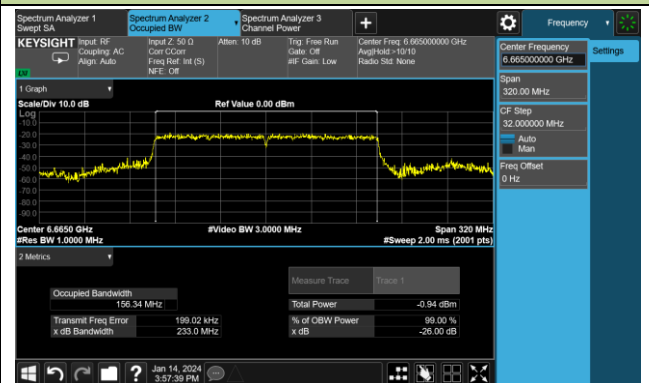
## 802.11ax-HE80 / CH111



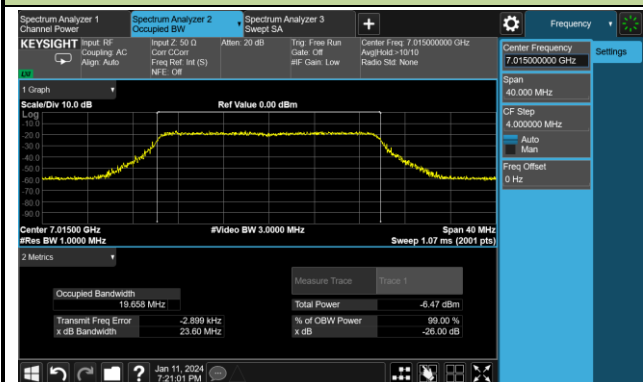
## 802.11ax-HE20 / CH153



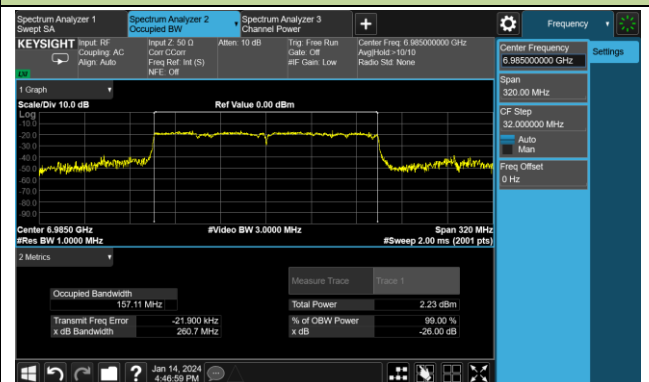
## 802.11ax-HE160 / CH143



## 802.11ax-HE20 / CH213

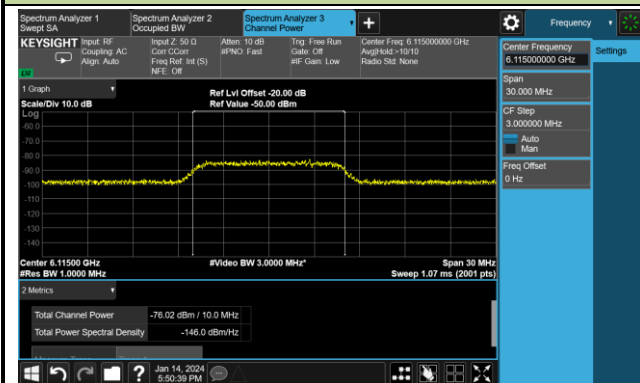


## 802.11ax-HE160 / CH207

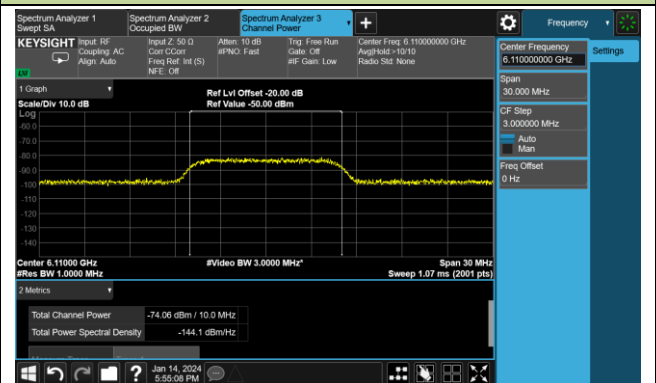


## Incumbent Signal Calibration Plots (NII-5 Band)

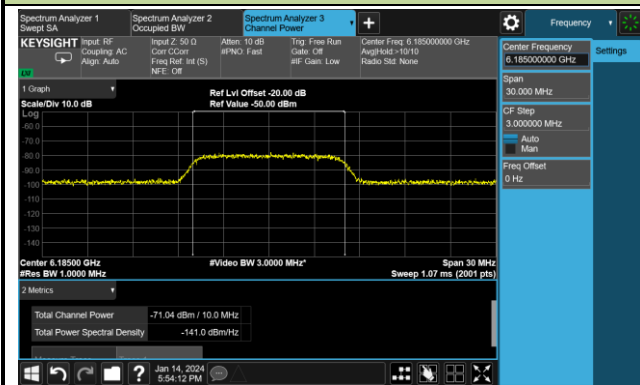
802.11ax-HE20 / CH33



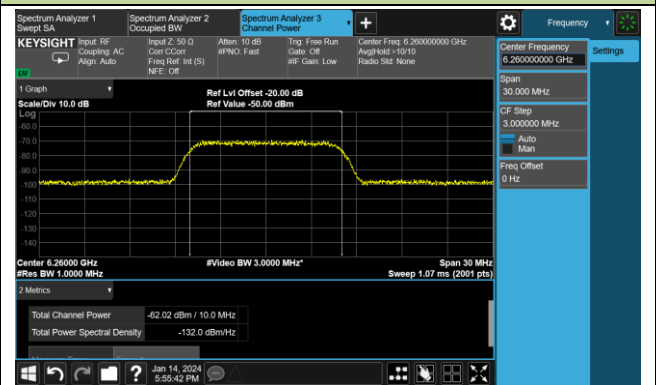
802.11ax-HE160 / CH47 (Low Edge)



802.11ax-HE160 / CH47 (Middle)

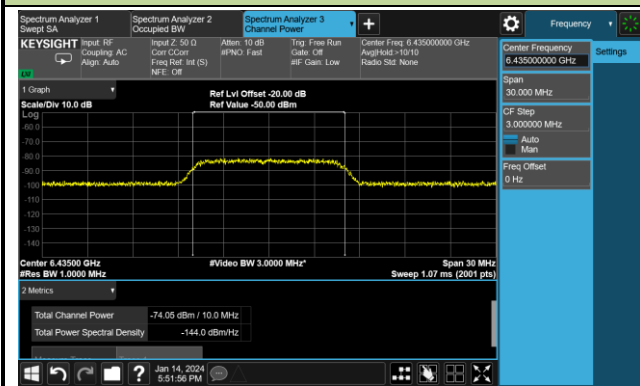


802.11ax-HE160 / CH47 (High Edge)

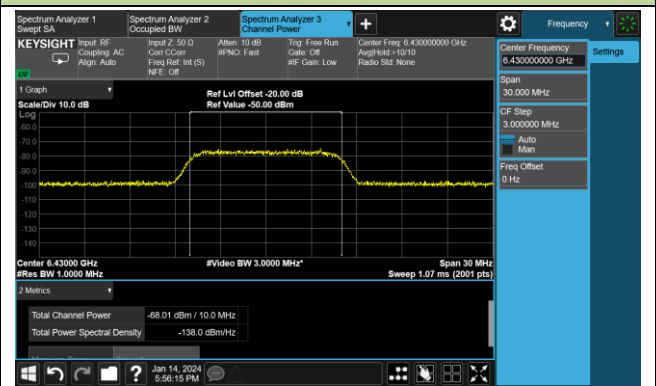


## Incumbent Signal Calibration Plots (NII-6 Band)

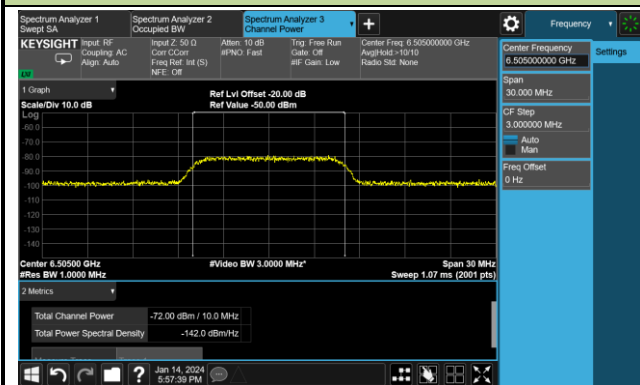
802.11ax-HE20 / CH97



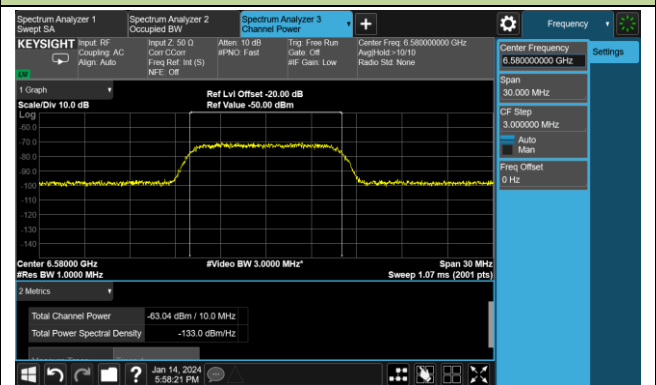
802.11ax-HE80 / CH111 (Low Edge)



802.11ax-HE80 / CH111 (Middle)

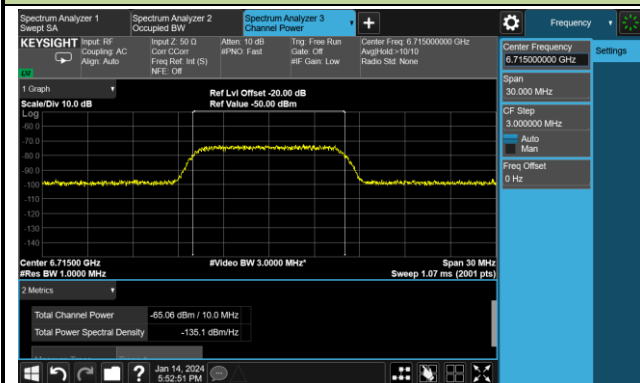


802.11ax-HE80 / CH111 (High Edge)

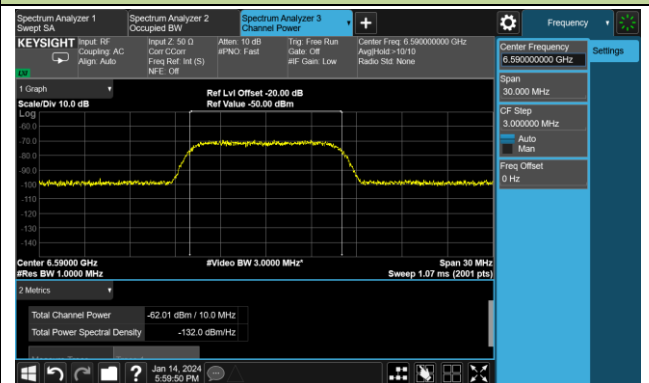


## Incumbent Signal Calibration Plots (NII-7 Band)

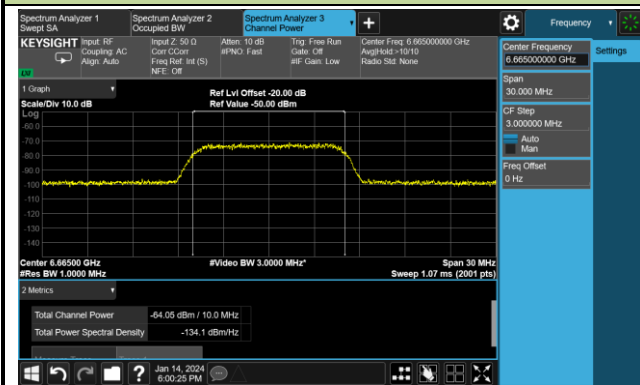
802.11ax-HE20 / CH153



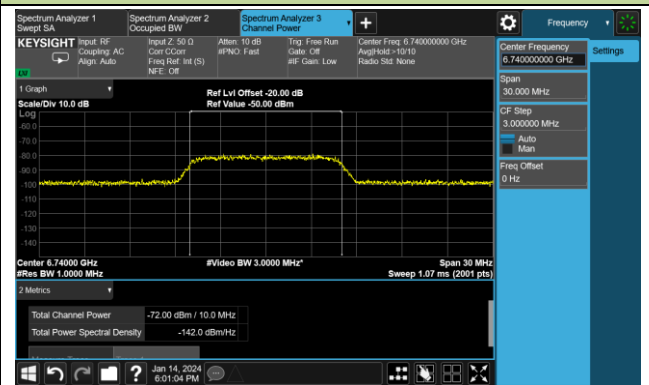
802.11ax-HE160 / CH143 (Low Edge)



802.11ax-HE160 / CH143 (Middle)

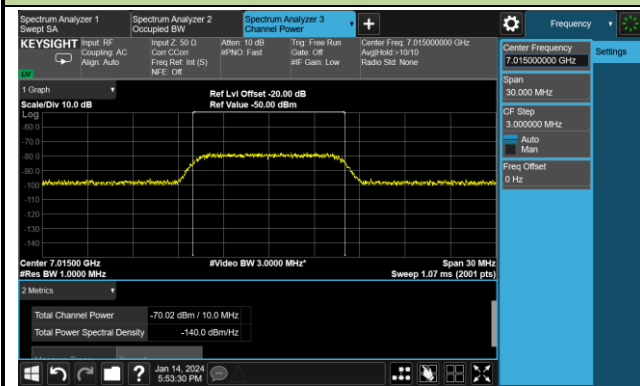


802.11ax-HE160 / CH143 (High Edge)

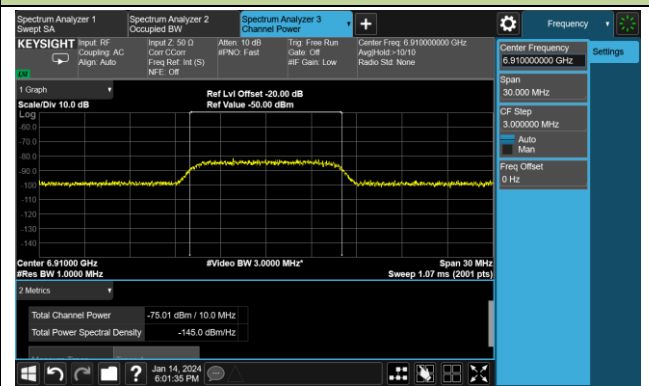


## Incumbent Signal Calibration Plots (NII-8 Band)

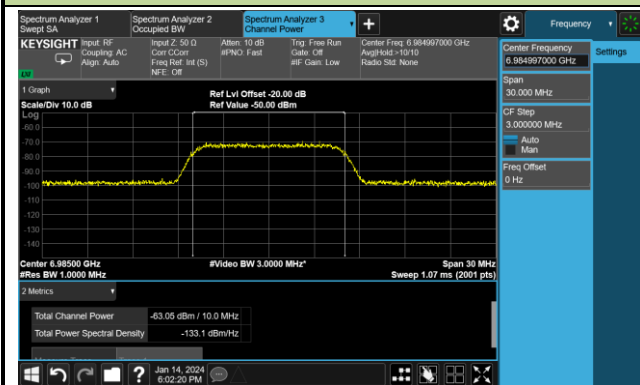
802.11ax-HE20 / CH213



802.11ax-HE160 / CH207 (Low Edge)



802.11ax-HE160 / CH207 (Middle)



802.11ax-HE160 / CH207 (High Edge)

