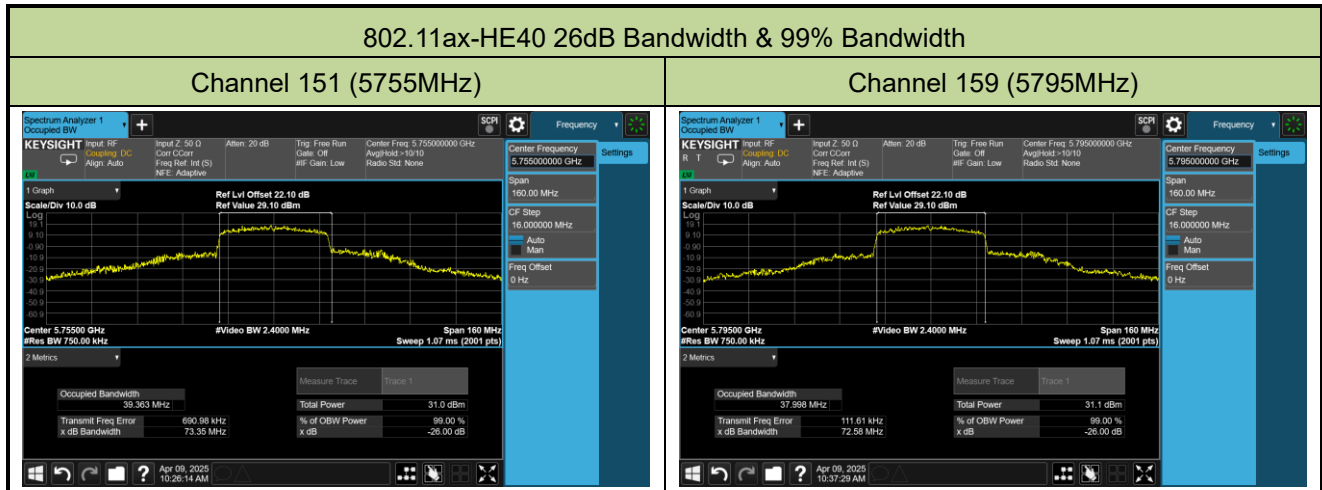
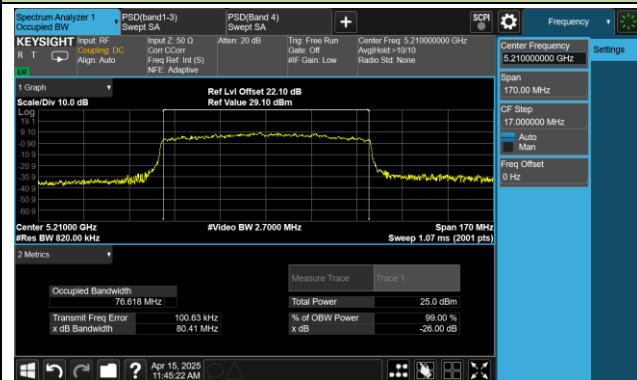


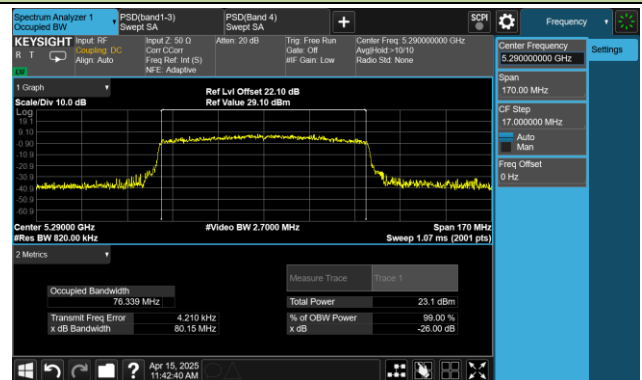


## 802.11ax-HE80 26dB Bandwidth &amp; 99% Bandwidth

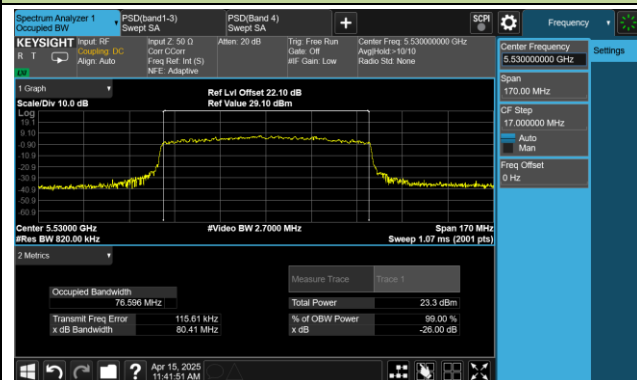
## Channel 42 (5210MHz)



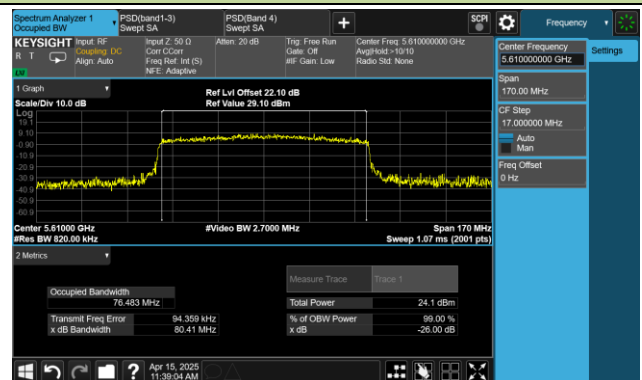
## Channel 58 (5290MHz)



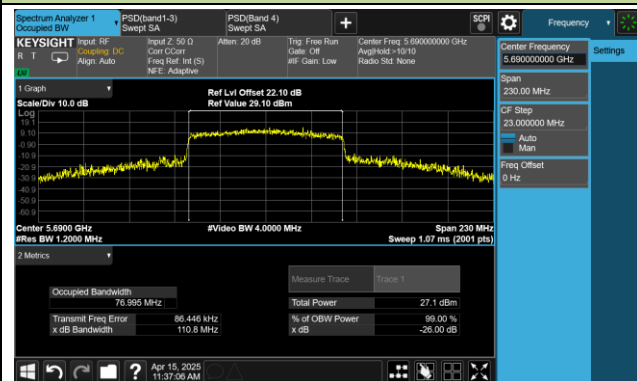
## Channel 106 (5530MHz)



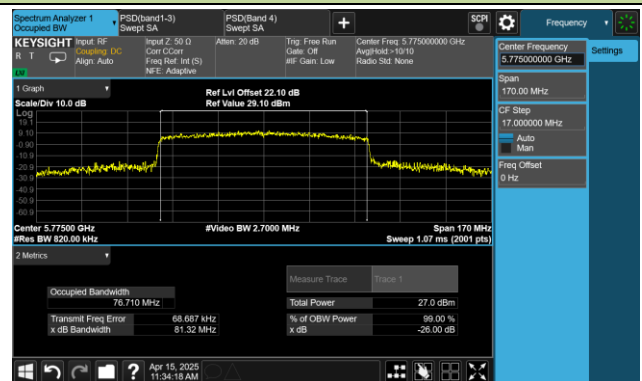
## Channel 122 (5610MHz)



## Channel 138 (5690MHz)



## Channel 155 (5775MHz)



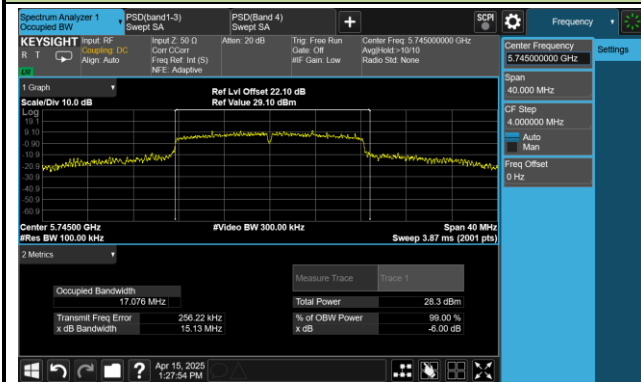
### A.3 6dB Bandwidth Test Result

|           |            |               |          |
|-----------|------------|---------------|----------|
| Test Site | WJ-SR3     | Test Engineer | Jake Lan |
| Test Date | 2025-04-15 |               |          |

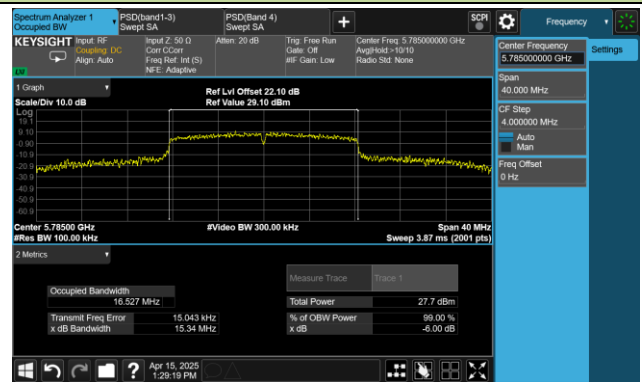
| Test Mode  | Data Rate/<br>MCS | Channel No. | Frequency<br>(MHz) | 6dB Bandwidth<br>(MHz) | Limit<br>(MHz) |
|------------|-------------------|-------------|--------------------|------------------------|----------------|
| 11a        | 6Mbps             | 149         | 5745               | 15.13                  | ≥0.5           |
| 11a        | 6Mbps             | 157         | 5785               | 15.34                  | ≥0.5           |
| 11a        | 6Mbps             | 165         | 5825               | 15.03                  | ≥0.5           |
| 11ac-VHT20 | MCS0              | 149         | 5745               | 15.47                  | ≥0.5           |
| 11ac-VHT20 | MCS0              | 157         | 5785               | 16.56                  | ≥0.5           |
| 11ac-VHT20 | MCS0              | 165         | 5825               | 15.13                  | ≥0.5           |
| 11ac-VHT40 | MCS0              | 151         | 5755               | 34.09                  | ≥0.5           |
| 11ac-VHT40 | MCS0              | 159         | 5795               | 32.60                  | ≥0.5           |
| 11ac-VHT80 | MCS0              | 155         | 5775               | 73.81                  | ≥0.5           |
| 11ax-HE20  | MCS0              | 149         | 5745               | 16.38                  | ≥0.5           |
| 11ax-HE20  | MCS0              | 157         | 5785               | 16.35                  | ≥0.5           |
| 11ax-HE20  | MCS0              | 165         | 5825               | 15.59                  | ≥0.5           |
| 11ax-HE40  | MCS0              | 151         | 5755               | 32.54                  | ≥0.5           |
| 11ax-HE40  | MCS0              | 159         | 5795               | 33.83                  | ≥0.5           |
| 11ax-HE80  | MCS0              | 155         | 5775               | 73.87                  | ≥0.5           |

## 802.11a 6dB Bandwidth

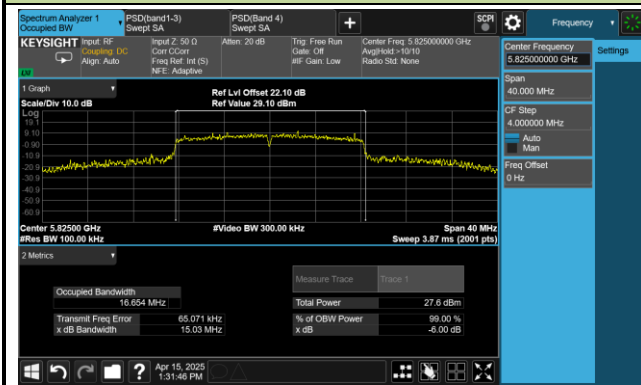
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

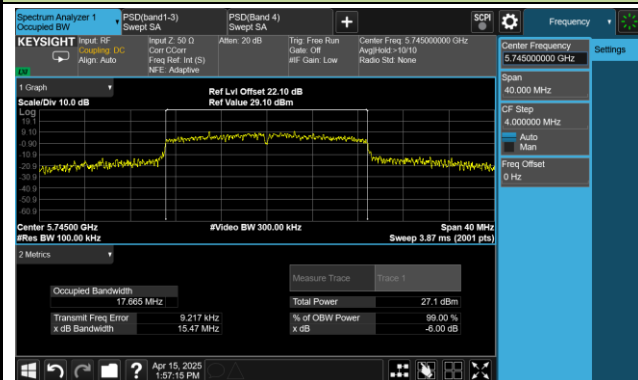


## Channel 165 (5825MHz)

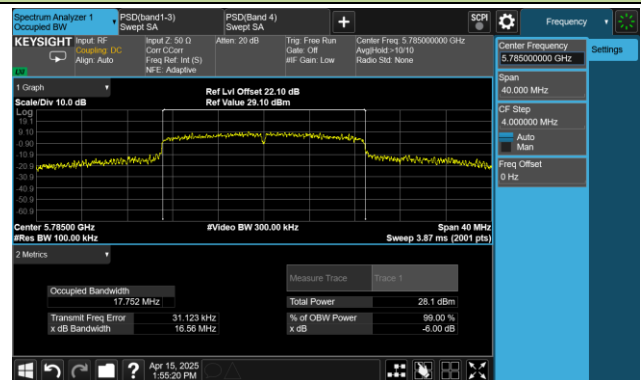


## 802.11ac-VHT20 6dB Bandwidth

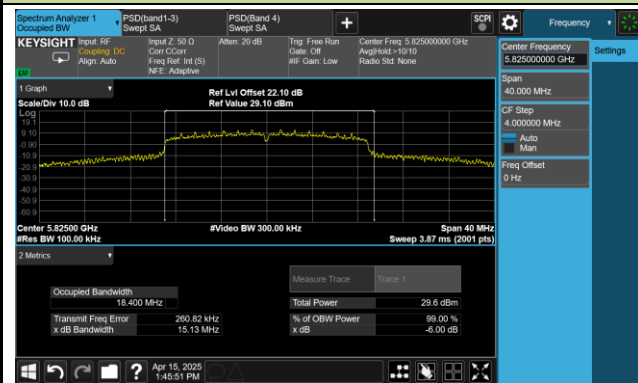
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

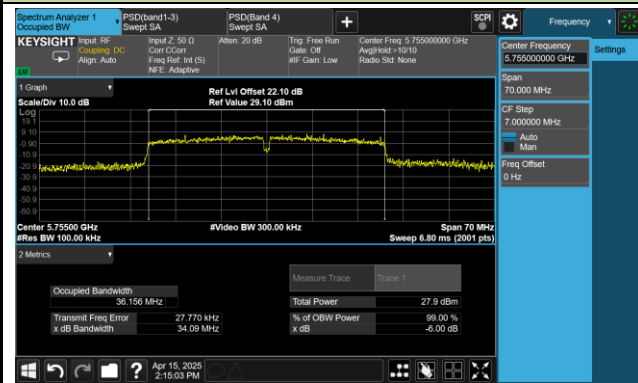


## Channel 165 (5825MHz)

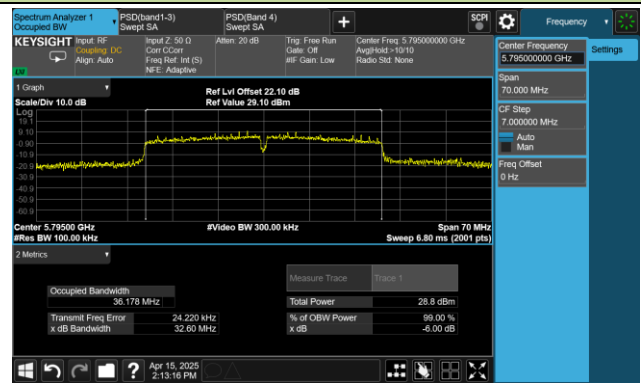


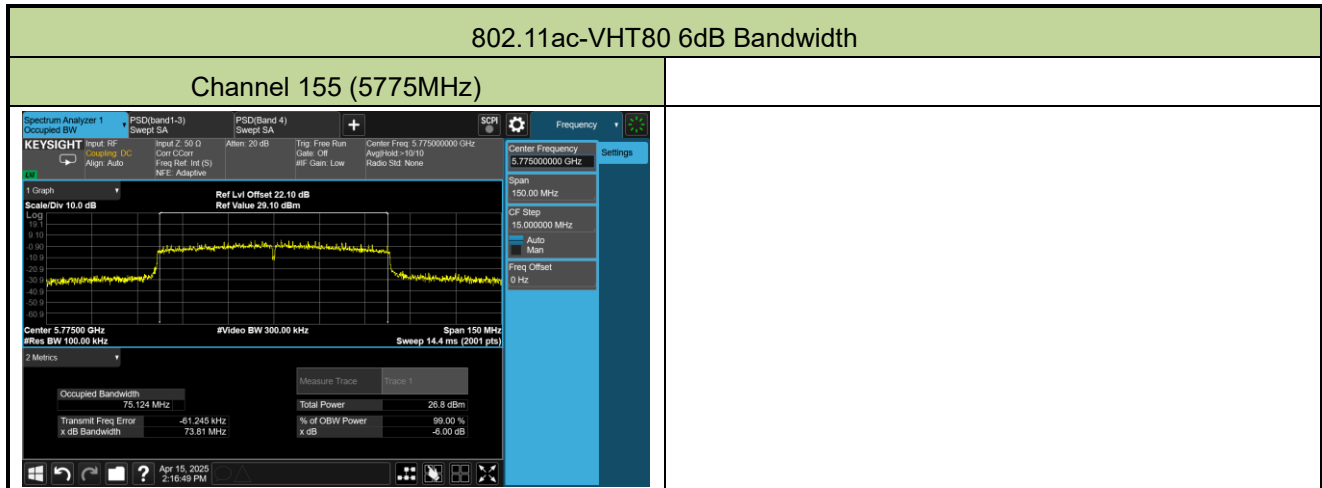
## 802.11ac-VHT40 6dB Bandwidth

## Channel 151 (5755MHz)



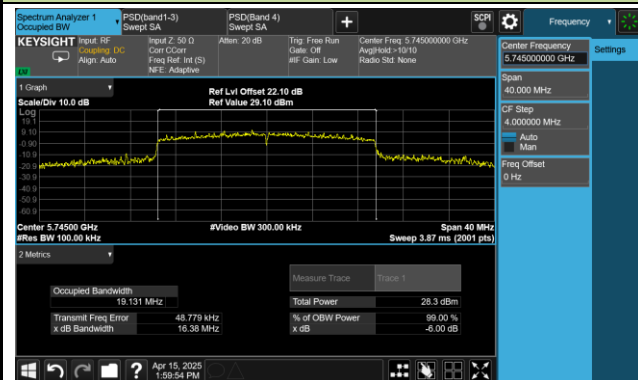
## Channel 159 (5795MHz)



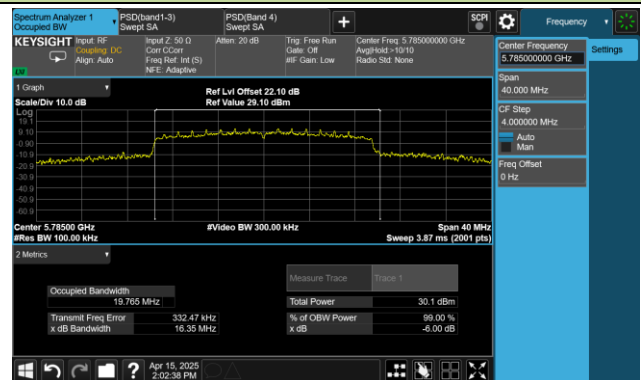


## 802.11ax-HE20 6dB Bandwidth

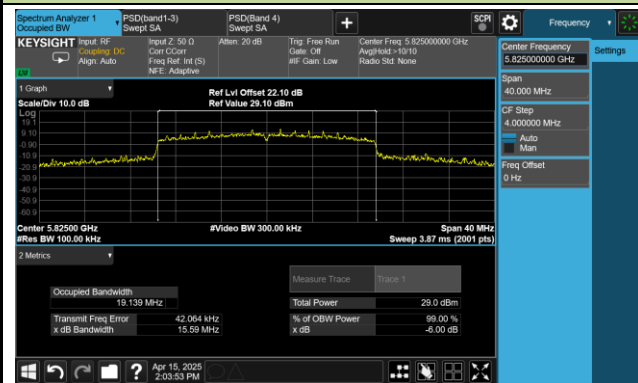
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

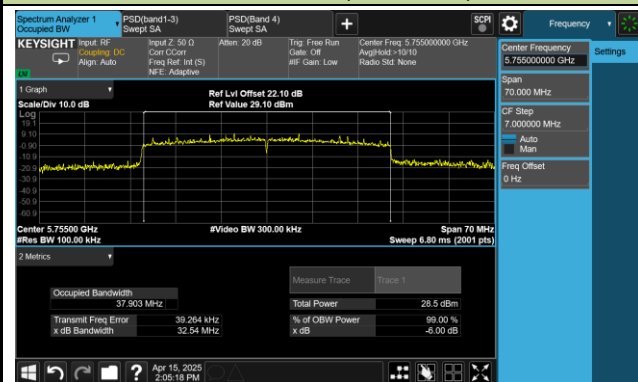


## Channel 165 (5825MHz)

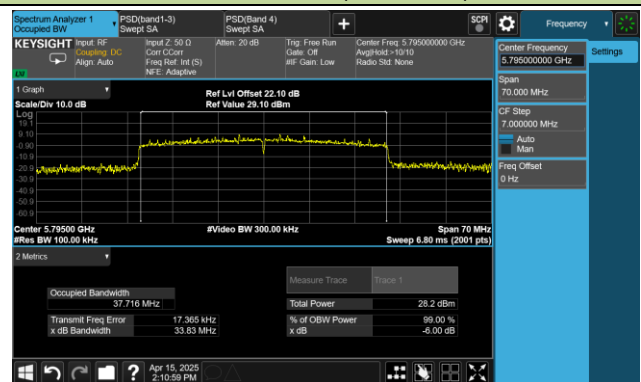


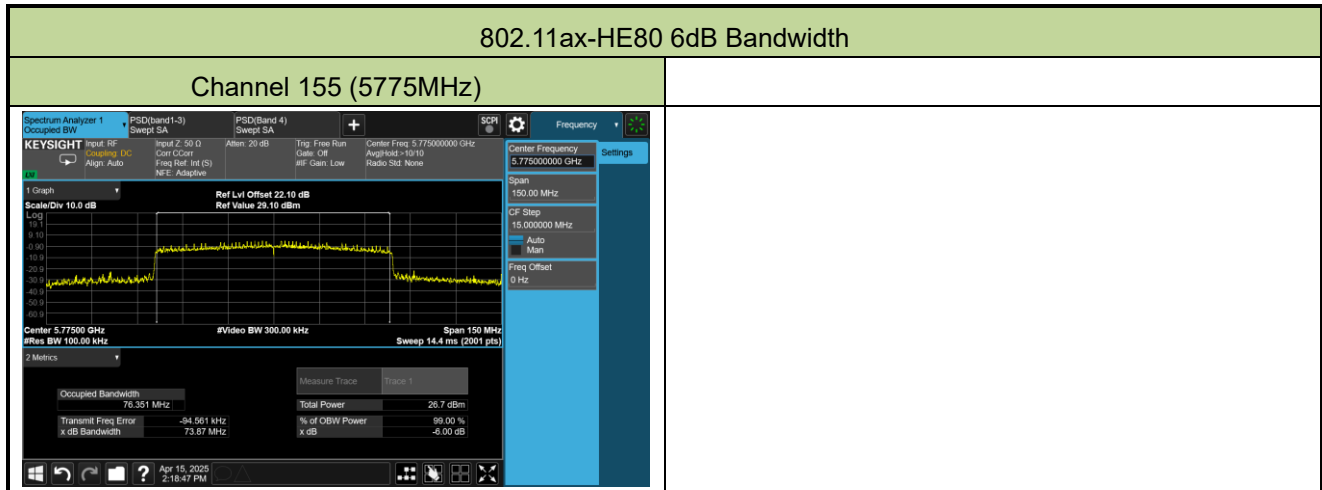
## 802.11ax-HE40 6dB Bandwidth

## Channel 151 (5755MHz)



## Channel 159 (5795MHz)





#### A.4 Output Power Test Result

|           |                         |               |          |
|-----------|-------------------------|---------------|----------|
| Test Site | WJ-SR3                  | Test Engineer | Jake Lan |
| Test Date | 2025-03-28 ~ 2025-04-10 | Test Mode     | CDD Mode |

| Test Mode  | Data Rate<br>MCS | Channel<br>No. | Freq.<br>(MHz) | Average Power<br>(dBm) |       | Total Average<br>Power<br>(dBm) | Power Limit<br>(dBm) |
|------------|------------------|----------------|----------------|------------------------|-------|---------------------------------|----------------------|
|            |                  |                |                | Ant 0                  | Ant 1 |                                 |                      |
| 11a        | 6Mbps            | 36             | 5180           | 18.74                  | 18.86 | 21.81                           | ≤ 30.00              |
| 11a        | 6Mbps            | 44             | 5220           | 22.06                  | 22.26 | 25.17                           | ≤ 30.00              |
| 11a        | 6Mbps            | 48             | 5240           | 22.07                  | 22.31 | 25.20                           | ≤ 30.00              |
| 11a        | 6Mbps            | 52             | 5260           | 17.93                  | 18.04 | 21.00                           | ≤ 23.59              |
| 11a        | 6Mbps            | 60             | 5300           | 18.47                  | 18.54 | 21.52                           | ≤ 23.56              |
| 11a        | 6Mbps            | 64             | 5320           | 17.70                  | 17.59 | 20.66                           | ≤ 23.57              |
| 11a        | 6Mbps            | 100            | 5500           | 18.09                  | 18.13 | 21.12                           | ≤ 23.56              |
| 11a        | 6Mbps            | 116            | 5580           | 18.19                  | 18.45 | 21.33                           | ≤ 23.58              |
| 11a        | 6Mbps            | 140            | 5700           | 17.29                  | 17.40 | 20.36                           | ≤ 23.57              |
| 11a        | 6Mbps            | 144            | 5720           | 17.98                  | 18.05 | 21.03                           | ≤ 22.48              |
| 11a        | 6Mbps            | 149            | 5745           | 22.16                  | 22.07 | 25.13                           | ≤ 30.00              |
| 11a        | 6Mbps            | 157            | 5785           | 21.68                  | 22.12 | 24.92                           | ≤ 30.00              |
| 11a        | 6Mbps            | 165            | 5825           | 21.62                  | 21.98 | 24.81                           | ≤ 30.00              |
| 11ac-VHT20 | MCS0             | 36             | 5180           | 18.12                  | 18.43 | 21.29                           | ≤ 30.00              |
| 11ac-VHT20 | MCS0             | 44             | 5220           | 21.82                  | 22.04 | 24.94                           | ≤ 30.00              |
| 11ac-VHT20 | MCS0             | 48             | 5240           | 21.82                  | 22.06 | 24.95                           | ≤ 30.00              |
| 11ac-VHT20 | MCS0             | 52             | 5260           | 17.98                  | 18.54 | 21.28                           | ≤ 23.77              |
| 11ac-VHT20 | MCS0             | 60             | 5300           | 18.36                  | 18.39 | 21.39                           | ≤ 23.75              |
| 11ac-VHT20 | MCS0             | 64             | 5320           | 18.24                  | 18.28 | 21.27                           | ≤ 23.77              |
| 11ac-VHT20 | MCS0             | 100            | 5500           | 17.98                  | 18.66 | 21.34                           | ≤ 23.77              |
| 11ac-VHT20 | MCS0             | 116            | 5580           | 17.99                  | 18.31 | 21.16                           | ≤ 23.75              |
| 11ac-VHT20 | MCS0             | 140            | 5700           | 17.30                  | 17.70 | 20.51                           | ≤ 23.71              |
| 11ac-VHT20 | MCS0             | 144            | 5720           | 17.64                  | 18.04 | 20.85                           | ≤ 22.61              |
| 11ac-VHT20 | MCS0             | 149            | 5745           | 21.79                  | 21.86 | 24.84                           | ≤ 30.00              |
| 11ac-VHT20 | MCS0             | 157            | 5785           | 21.57                  | 22.01 | 24.81                           | ≤ 30.00              |
| 11ac-VHT20 | MCS0             | 165            | 5825           | 21.64                  | 22.13 | 24.90                           | ≤ 30.00              |

| Test Mode  | Data Rate<br>MCS | Channel<br>No. | Freq.<br>(MHz) | Average Power<br>(dBm) |       | Total Average<br>Power<br>(dBm) | Power Limit<br>(dBm) |
|------------|------------------|----------------|----------------|------------------------|-------|---------------------------------|----------------------|
|            |                  |                |                | Ant 0                  | Ant 1 |                                 |                      |
| 11ac-VHT40 | MCS0             | 38             | 5190           | 17.66                  | 17.79 | 20.74                           | ≤ 30.00              |
| 11ac-VHT40 | MCS0             | 46             | 5230           | 22.11                  | 22.23 | 25.18                           | ≤ 30.00              |
| 11ac-VHT40 | MCS0             | 54             | 5270           | 20.95                  | 20.73 | 23.85                           | ≤ 23.98              |
| 11ac-VHT40 | MCS0             | 62             | 5310           | 17.83                  | 17.76 | 20.81                           | ≤ 23.98              |
| 11ac-VHT40 | MCS0             | 102            | 5510           | 18.02                  | 17.94 | 20.99                           | ≤ 23.98              |
| 11ac-VHT40 | MCS0             | 110            | 5550           | 20.76                  | 20.98 | 23.88                           | ≤ 23.98              |
| 11ac-VHT40 | MCS0             | 134            | 5670           | 18.72                  | 18.79 | 21.77                           | ≤ 23.98              |
| 11ac-VHT40 | MCS0             | 142            | 5710           | 20.37                  | 20.48 | 23.44                           | ≤ 23.98              |
| 11ac-VHT40 | MCS0             | 151            | 5755           | 22.31                  | 22.08 | 25.21                           | ≤ 30.00              |
| 11ac-VHT40 | MCS0             | 159            | 5795           | 22.08                  | 22.33 | 25.22                           | ≤ 30.00              |
| 11ac-VHT80 | MCS0             | 42             | 5210           | 16.08                  | 16.46 | 19.28                           | ≤ 30.00              |
| 11ac-VHT80 | MCS0             | 58             | 5290           | 16.14                  | 16.24 | 19.20                           | ≤ 23.98              |
| 11ac-VHT80 | MCS0             | 106            | 5530           | 16.18                  | 16.32 | 19.26                           | ≤ 23.98              |
| 11ac-VHT80 | MCS0             | 122            | 5610           | 18.65                  | 18.77 | 21.72                           | ≤ 23.98              |
| 11ac-VHT80 | MCS0             | 138            | 5690           | 20.87                  | 20.91 | 23.90                           | ≤ 23.98              |
| 11ac-VHT80 | MCS0             | 155            | 5775           | 19.73                  | 19.81 | 22.78                           | ≤ 30.00              |
| 11ax-HE20  | MCS0             | 36             | 5180           | 18.25                  | 18.26 | 21.27                           | ≤ 30.00              |
| 11ax-HE20  | MCS0             | 44             | 5220           | 22.43                  | 22.63 | 25.54                           | ≤ 30.00              |
| 11ax-HE20  | MCS0             | 48             | 5240           | 22.58                  | 22.53 | 25.57                           | ≤ 30.00              |
| 11ax-HE20  | MCS0             | 52             | 5260           | 18.41                  | 18.32 | 21.38                           | ≤ 23.98              |
| 11ax-HE20  | MCS0             | 60             | 5300           | 18.66                  | 18.63 | 21.66                           | ≤ 23.97              |
| 11ax-HE20  | MCS0             | 64             | 5320           | 18.09                  | 17.76 | 20.94                           | ≤ 23.98              |
| 11ax-HE20  | MCS0             | 100            | 5500           | 17.98                  | 18.59 | 21.31                           | ≤ 23.94              |
| 11ax-HE20  | MCS0             | 116            | 5580           | 17.59                  | 17.79 | 20.70                           | ≤ 23.98              |
| 11ax-HE20  | MCS0             | 140            | 5700           | 17.44                  | 17.69 | 20.58                           | ≤ 23.98              |
| 11ax-HE20  | MCS0             | 144            | 5720           | 17.49                  | 17.78 | 20.65                           | ≤ 22.76              |
| 11ax-HE20  | MCS0             | 149            | 5745           | 22.46                  | 22.27 | 25.38                           | ≤ 30.00              |
| 11ax-HE20  | MCS0             | 157            | 5785           | 22.33                  | 22.54 | 25.45                           | ≤ 30.00              |
| 11ax-HE20  | MCS0             | 165            | 5825           | 22.11                  | 22.34 | 25.24                           | ≤ 30.00              |

| Test Mode | Data Rate<br>MCS | Channel<br>No. | Freq.<br>(MHz) | Average Power<br>(dBm) |       | Total Average<br>Power<br>(dBm) | Power Limit<br>(dBm) |
|-----------|------------------|----------------|----------------|------------------------|-------|---------------------------------|----------------------|
|           |                  |                |                | Ant 0                  | Ant 1 |                                 |                      |
| 11ax-HE40 | MCS0             | 38             | 5190           | 17.33                  | 17.54 | 20.45                           | ≤ 30.00              |
| 11ax-HE40 | MCS0             | 46             | 5230           | 22.36                  | 22.38 | 25.38                           | ≤ 30.00              |
| 11ax-HE40 | MCS0             | 54             | 5270           | 20.98                  | 20.92 | 23.96                           | ≤ 23.98              |
| 11ax-HE40 | MCS0             | 62             | 5310           | 18.16                  | 18.29 | 21.24                           | ≤ 23.98              |
| 11ax-HE40 | MCS0             | 102            | 5510           | 17.94                  | 18.02 | 20.99                           | ≤ 23.98              |
| 11ax-HE40 | MCS0             | 110            | 5550           | 20.58                  | 20.78 | 23.69                           | ≤ 23.98              |
| 11ax-HE40 | MCS0             | 134            | 5670           | 18.09                  | 18.25 | 21.18                           | ≤ 23.98              |
| 11ax-HE40 | MCS0             | 142            | 5710           | 20.27                  | 20.34 | 23.32                           | ≤ 23.98              |
| 11ax-HE40 | MCS0             | 151            | 5755           | 22.73                  | 22.53 | 25.64                           | ≤ 30.00              |
| 11ax-HE40 | MCS0             | 159            | 5795           | 21.92                  | 22.19 | 25.07                           | ≤ 30.00              |
| 11ax-HE80 | MCS0             | 42             | 5210           | 16.51                  | 16.62 | 19.58                           | ≤ 30.00              |
| 11ax-HE80 | MCS0             | 58             | 5290           | 16.01                  | 16.14 | 19.09                           | ≤ 23.98              |
| 11ax-HE80 | MCS0             | 106            | 5530           | 15.10                  | 15.32 | 18.22                           | ≤ 23.98              |
| 11ax-HE80 | MCS0             | 122            | 5610           | 17.49                  | 17.39 | 20.45                           | ≤ 23.98              |
| 11ax-HE80 | MCS0             | 138            | 5690           | 20.52                  | 20.92 | 23.73                           | ≤ 23.98              |
| 11ax-HE80 | MCS0             | 155            | 5775           | 20.00                  | 19.86 | 22.94                           | ≤ 30.00              |

Note 1: Total Average Power (dBm) =  $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$ .

Note 2: For Band-Crossing channel, Average Power Limit = 23.98dBm or  $11 + 10 \cdot \log_{10} \text{EBW}_{2C}$  which is less.

### A.5 Power Spectral Density Test Result

|           |                                                          |               |          |
|-----------|----------------------------------------------------------|---------------|----------|
| Test Site | WJ-SR3                                                   | Test Engineer | Jake Lan |
| Test Date | 2025-03-29 ~ 2025-04-09                                  |               |          |
| Test Item | Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c) |               |          |

| Test Mode  | Data Rate/<br>MCS | Channel<br>No. | Freq.<br>(MHz) | AVPSD<br>(dBm/ MHz) |        | Duty Cycle<br>(%) | Total PSD<br>(dBm/<br>MHz) | PSD<br>Limit<br>(dBm/MHz) |
|------------|-------------------|----------------|----------------|---------------------|--------|-------------------|----------------------------|---------------------------|
|            |                   |                |                | Ant 0               | Ant 1  |                   |                            |                           |
| 11a        | 6Mbps             | 36             | 5180           | 8.091               | 8.299  | 92.83             | 11.530                     | ≤ 16.92                   |
| 11a        | 6Mbps             | 44             | 5220           | 11.654              | 11.890 | 92.83             | 15.107                     | ≤ 16.92                   |
| 11a        | 6Mbps             | 48             | 5240           | 11.723              | 11.695 | 92.83             | 15.042                     | ≤ 16.92                   |
| 11a        | 6Mbps             | 52             | 5260           | 7.536               | 7.363  | 92.83             | 10.784                     | ≤ 10.99                   |
| 11a        | 6Mbps             | 60             | 5300           | 7.557               | 7.598  | 92.83             | 10.911                     | ≤ 10.99                   |
| 11a        | 6Mbps             | 64             | 5320           | 7.368               | 7.412  | 92.83             | 10.723                     | ≤ 10.99                   |
| 11a        | 6Mbps             | 100            | 5500           | 7.647               | 7.611  | 92.83             | 10.962                     | ≤ 11.00                   |
| 11a        | 6Mbps             | 116            | 5580           | 7.533               | 7.505  | 92.83             | 10.852                     | ≤ 11.00                   |
| 11a        | 6Mbps             | 140            | 5700           | 6.791               | 6.973  | 92.83             | 10.216                     | ≤ 11.00                   |
| 11a        | 6Mbps             | 144            | 5720           | 7.440               | 7.688  | 92.83             | 10.899                     | ≤ 11.00                   |
| 11ac-VHT20 | MCS0              | 36             | 5180           | 7.257               | 7.577  | 92.45             | 10.771                     | ≤ 16.92                   |
| 11ac-VHT20 | MCS0              | 44             | 5220           | 10.946              | 11.477 | 92.45             | 14.571                     | ≤ 16.92                   |
| 11ac-VHT20 | MCS0              | 48             | 5240           | 10.925              | 10.943 | 92.45             | 14.285                     | ≤ 16.92                   |
| 11ac-VHT20 | MCS0              | 52             | 5260           | 7.217               | 7.519  | 92.45             | 10.722                     | ≤ 10.99                   |
| 11ac-VHT20 | MCS0              | 60             | 5300           | 7.209               | 7.670  | 92.45             | 10.797                     | ≤ 10.99                   |
| 11ac-VHT20 | MCS0              | 64             | 5320           | 7.743               | 7.443  | 92.45             | 10.947                     | ≤ 10.99                   |
| 11ac-VHT20 | MCS0              | 100            | 5500           | 7.509               | 7.389  | 92.45             | 10.801                     | ≤ 11.00                   |
| 11ac-VHT20 | MCS0              | 116            | 5580           | 7.311               | 7.472  | 92.45             | 10.743                     | ≤ 11.00                   |
| 11ac-VHT20 | MCS0              | 140            | 5700           | 6.506               | 7.098  | 92.45             | 10.163                     | ≤ 11.00                   |
| 11ac-VHT20 | MCS0              | 144            | 5720           | 7.267               | 7.560  | 92.45             | 10.767                     | ≤ 11.00                   |
| 11ac-VHT40 | MCS0              | 38             | 5190           | 4.198               | 4.127  | 85.92             | 7.832                      | ≤ 16.92                   |
| 11ac-VHT40 | MCS0              | 46             | 5230           | 8.376               | 8.410  | 85.92             | 12.062                     | ≤ 16.92                   |
| 11ac-VHT40 | MCS0              | 54             | 5270           | 6.994               | 6.817  | 85.92             | 10.576                     | ≤ 10.99                   |
| 11ac-VHT40 | MCS0              | 62             | 5310           | 3.803               | 3.478  | 85.92             | 7.313                      | ≤ 10.99                   |
| 11ac-VHT40 | MCS0              | 102            | 5510           | 3.624               | 3.491  | 85.92             | 7.227                      | ≤ 11.00                   |
| 11ac-VHT40 | MCS0              | 110            | 5550           | 6.758               | 7.042  | 85.92             | 10.572                     | ≤ 11.00                   |
| 11ac-VHT40 | MCS0              | 134            | 5670           | 5.025               | 5.340  | 85.92             | 8.855                      | ≤ 11.00                   |
| 11ac-VHT40 | MCS0              | 142            | 5710           | 7.118               | 7.205  | 85.92             | 10.831                     | ≤ 11.00                   |

| Test Mode  | Data Rate/<br>MCS | Channel<br>No. | Freq.<br>(MHz) | AVPSD<br>(dBm/ MHz) |        | Duty Cycle<br>(%) | Total PSD<br>(dBm/<br>MHz) | PSD<br>Limit<br>(dBm/MHz) |
|------------|-------------------|----------------|----------------|---------------------|--------|-------------------|----------------------------|---------------------------|
|            |                   |                |                | Ant 0               | Ant 1  |                   |                            |                           |
| 11ac-VHT80 | MCS0              | 42             | 5210           | -0.330              | -0.335 | 75.19             | 3.916                      | ≤ 16.92                   |
| 11ac-VHT80 | MCS0              | 58             | 5290           | -1.125              | -1.140 | 75.19             | 3.116                      | ≤ 10.99                   |
| 11ac-VHT80 | MCS0              | 106            | 5530           | -0.856              | -0.594 | 75.19             | 3.526                      | ≤ 11.00                   |
| 11ac-VHT80 | MCS0              | 122            | 5610           | 1.754               | 2.056  | 75.19             | 6.156                      | ≤ 11.00                   |
| 11ac-VHT80 | MCS0              | 138            | 5690           | 4.717               | 5.133  | 75.19             | 9.179                      | ≤ 11.00                   |
| 11ax-HE20  | MCS0              | 36             | 5180           | 7.455               | 7.544  | 90.46             | 10.945                     | ≤ 16.92                   |
| 11ax-HE20  | MCS0              | 44             | 5220           | 11.139              | 11.514 | 90.46             | 14.776                     | ≤ 16.92                   |
| 11ax-HE20  | MCS0              | 48             | 5240           | 11.444              | 11.371 | 90.46             | 14.853                     | ≤ 16.92                   |
| 11ax-HE20  | MCS0              | 52             | 5260           | 7.430               | 7.384  | 90.46             | 10.853                     | ≤ 10.99                   |
| 11ax-HE20  | MCS0              | 60             | 5300           | 7.456               | 7.419  | 90.46             | 10.883                     | ≤ 10.99                   |
| 11ax-HE20  | MCS0              | 64             | 5320           | 7.270               | 7.421  | 90.46             | 10.792                     | ≤ 10.99                   |
| 11ax-HE20  | MCS0              | 100            | 5500           | 7.354               | 7.306  | 90.46             | 10.776                     | ≤ 11.00                   |
| 11ax-HE20  | MCS0              | 116            | 5580           | 7.287               | 7.430  | 90.46             | 10.805                     | ≤ 11.00                   |
| 11ax-HE20  | MCS0              | 140            | 5700           | 6.392               | 6.735  | 90.46             | 10.013                     | ≤ 11.00                   |
| 11ax-HE20  | MCS0              | 144            | 5720           | 7.266               | 7.395  | 90.46             | 10.777                     | ≤ 11.00                   |
| 11ax-HE40  | MCS0              | 38             | 5190           | 3.779               | 3.576  | 83.33             | 7.481                      | ≤ 16.92                   |
| 11ax-HE40  | MCS0              | 46             | 5230           | 8.304               | 8.594  | 83.33             | 12.254                     | ≤ 16.92                   |
| 11ax-HE40  | MCS0              | 54             | 5270           | 7.064               | 6.808  | 83.33             | 10.740                     | ≤ 10.99                   |
| 11ax-HE40  | MCS0              | 62             | 5310           | 3.905               | 3.804  | 83.33             | 7.657                      | ≤ 10.99                   |
| 11ax-HE40  | MCS0              | 102            | 5510           | 3.248               | 3.193  | 83.33             | 7.023                      | ≤ 11.00                   |
| 11ax-HE40  | MCS0              | 110            | 5550           | 6.563               | 6.703  | 83.33             | 10.436                     | ≤ 11.00                   |
| 11ax-HE40  | MCS0              | 134            | 5670           | 4.175               | 4.292  | 83.33             | 8.036                      | ≤ 11.00                   |
| 11ax-HE40  | MCS0              | 142            | 5710           | 6.943               | 6.963  | 83.33             | 10.755                     | ≤ 11.00                   |
| 11ax-HE80  | MCS0              | 42             | 5210           | -0.333              | -0.216 | 73.01             | 4.102                      | ≤ 16.92                   |
| 11ax-HE80  | MCS0              | 58             | 5290           | -1.457              | -1.655 | 73.01             | 2.822                      | ≤ 10.99                   |
| 11ax-HE80  | MCS0              | 106            | 5530           | -2.500              | -2.343 | 73.01             | 1.956                      | ≤ 11.00                   |
| 11ax-HE80  | MCS0              | 122            | 5610           | -0.007              | 0.108  | 73.01             | 4.427                      | ≤ 11.00                   |
| 11ax-HE80  | MCS0              | 138            | 5690           | 3.854               | 4.045  | 73.01             | 8.327                      | ≤ 11.00                   |

Note 1: When EUT duty cycle < 98%, the total PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$ .

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\}$ .

Note 2:

For 5125 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (6.08 - 6) = 16.92 dBm/MHz

For 5250 - 5350MHz Band: PSD Limit (dBm/MHz) = 11 - (6.01 - 6) = 10.99 dBm/MHz.

For 5470 - 5725MHz Band: PSD Limit (dBm/MHz) = 11 dBm/MHz.

|           |                                      |               |          |
|-----------|--------------------------------------|---------------|----------|
| Test Site | WJ-SR3                               | Test Engineer | Jake Lan |
| Test Date | 2025-03-29 ~ 2025-04-09              |               |          |
| Test Item | Power Spectral Density (UNII-Band 3) |               |          |

| Test Mode  | Data Rate/<br>MCS | Channel<br>No. | Freq.<br>(MHz) | AVPSD<br>(dBm/ 510kHz) |       | Duty Cycle<br>(%) | Total PSD<br>(dBm/<br>510kHz) | PSD Limit<br>(dBm/<br>500kHz) |
|------------|-------------------|----------------|----------------|------------------------|-------|-------------------|-------------------------------|-------------------------------|
|            |                   |                |                | Ant 0                  | Ant 1 |                   |                               |                               |
| 11a        | 6Mbps             | 149            | 5745           | 8.730                  | 8.837 | 92.83             | 12.117                        | ≤ 29.07                       |
| 11a        | 6Mbps             | 157            | 5785           | 8.488                  | 8.795 | 92.83             | 11.978                        | ≤ 29.07                       |
| 11a        | 6Mbps             | 165            | 5825           | 8.261                  | 8.491 | 92.83             | 11.711                        | ≤ 29.07                       |
| 11ac-VHT20 | MCS0              | 149            | 5745           | 8.168                  | 8.294 | 92.45             | 11.583                        | ≤ 29.07                       |
| 11ac-VHT20 | MCS0              | 157            | 5785           | 7.990                  | 8.487 | 92.45             | 11.597                        | ≤ 29.07                       |
| 11ac-VHT20 | MCS0              | 165            | 5825           | 7.991                  | 8.342 | 92.45             | 11.521                        | ≤ 29.07                       |
| 11ac-VHT40 | MCS0              | 151            | 5755           | 6.206                  | 5.934 | 85.92             | 9.741                         | ≤ 29.07                       |
| 11ac-VHT40 | MCS0              | 159            | 5795           | 5.932                  | 6.238 | 85.92             | 9.757                         | ≤ 29.07                       |
| 11ac-VHT80 | MCS0              | 155            | 5775           | 1.220                  | 0.869 | 75.19             | 5.297                         | ≤ 29.07                       |
| 11ax-HE20  | MCS0              | 149            | 5745           | 8.403                  | 8.567 | 90.46             | 11.932                        | ≤ 29.07                       |
| 11ax-HE20  | MCS0              | 157            | 5785           | 8.456                  | 8.714 | 90.46             | 12.033                        | ≤ 29.07                       |
| 11ax-HE20  | MCS0              | 165            | 5825           | 8.085                  | 8.428 | 90.46             | 11.706                        | ≤ 29.07                       |
| 11ax-HE40  | MCS0              | 151            | 5755           | 6.352                  | 6.508 | 83.33             | 10.233                        | ≤ 29.07                       |
| 11ax-HE40  | MCS0              | 159            | 5795           | 5.635                  | 5.739 | 83.33             | 9.490                         | ≤ 29.07                       |
| 11ax-HE80  | MCS0              | 155            | 5775           | 0.601                  | 0.621 | 73.01             | 4.987                         | ≤ 29.07                       |

Note 1:

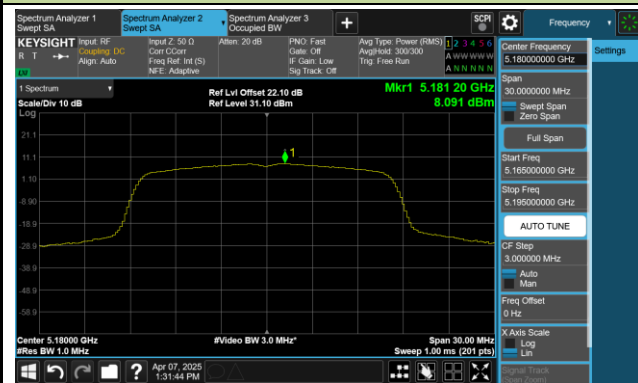
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =  $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$ .

When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) =  $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\}$ .

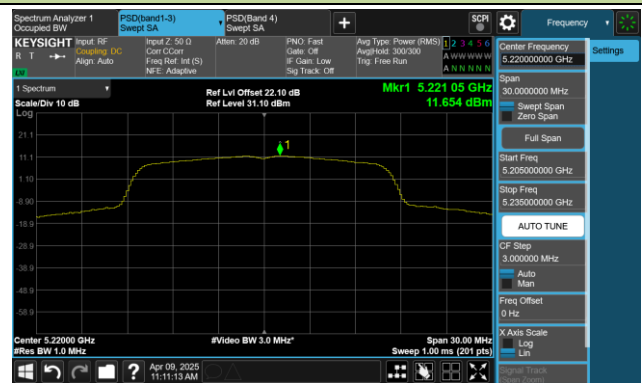
Note 2: PSD Limit (dBm/500kHz) = 30 - (6.93 - 6) = 29.07dBm/500kHz.

## 802.11a Power Spectral Density- Ant 0

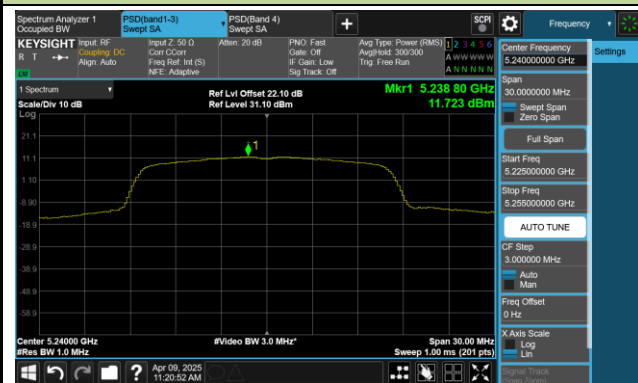
Channel 36 (5180MHz)



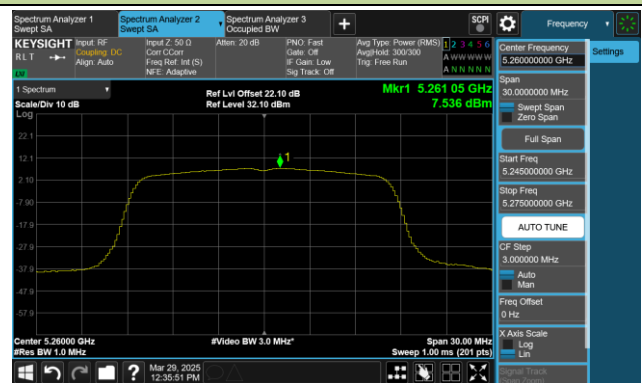
Channel 44 (5220MHz)



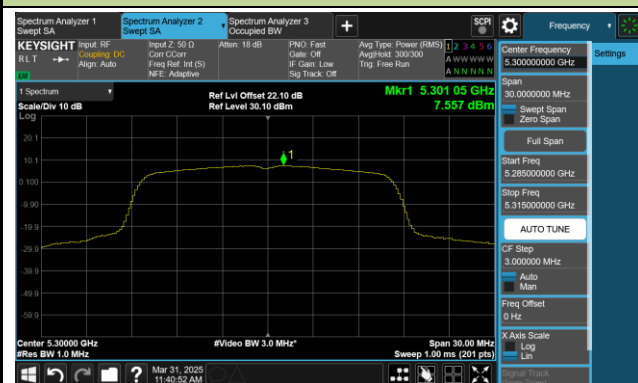
Channel 48 (5240MHz)



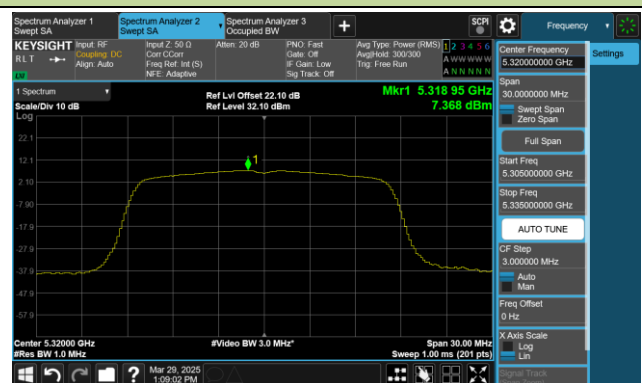
Channel 52 (5260MHz)



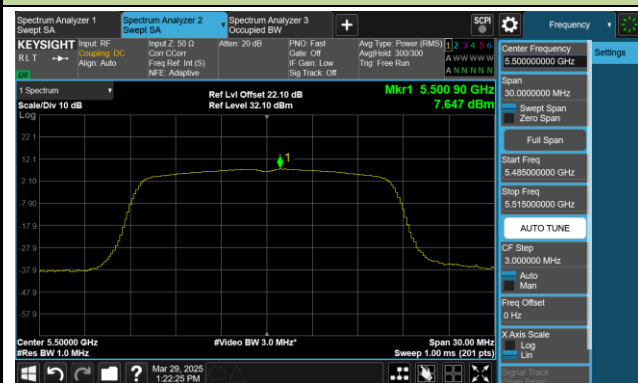
Channel 60 (5300MHz)



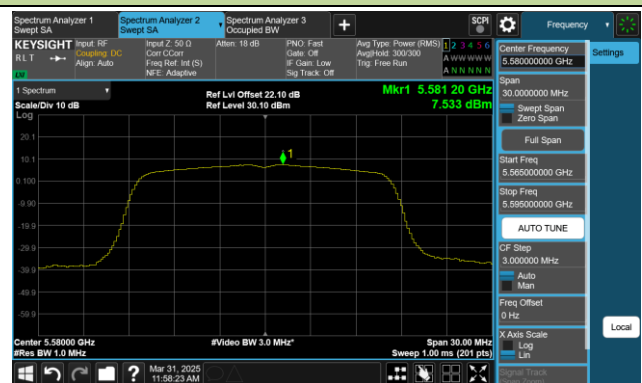
Channel 64 (5320MHz)



Channel 100 (5500MHz)

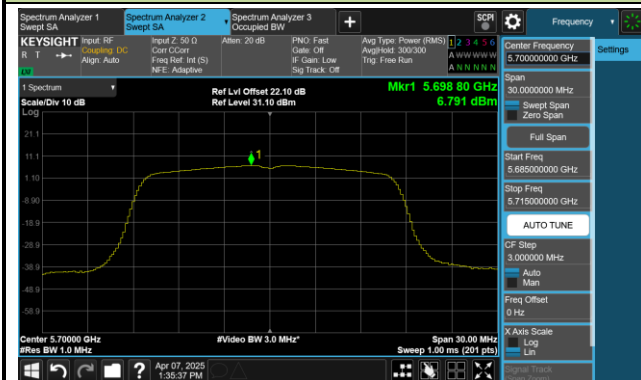


Channel 116 (5580MHz)

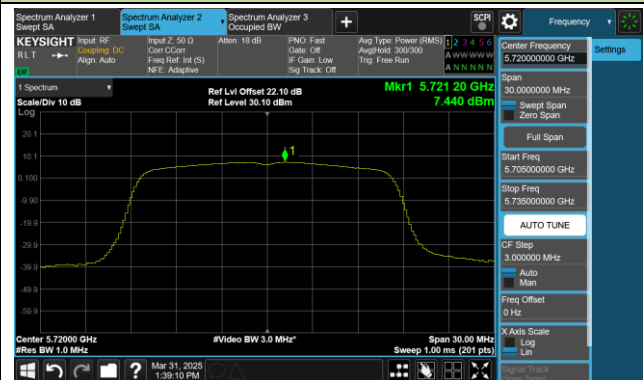


## 802.11a Power Spectral Density- Ant 0

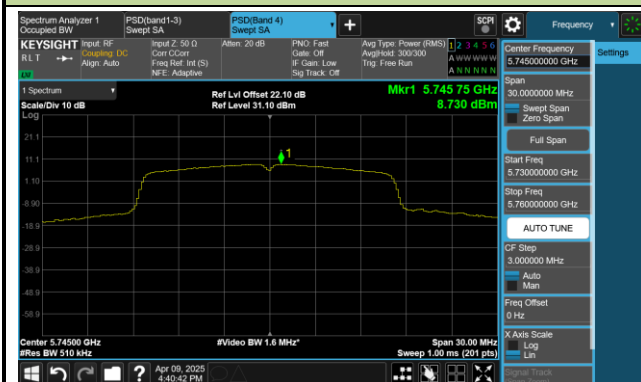
## Channel 140 (5700MHz)



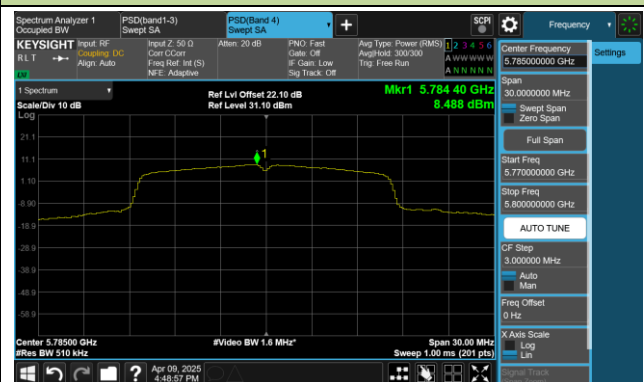
## Channel 144(5720MHz)



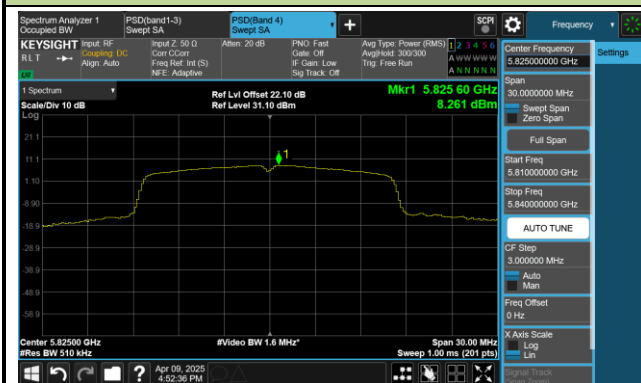
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

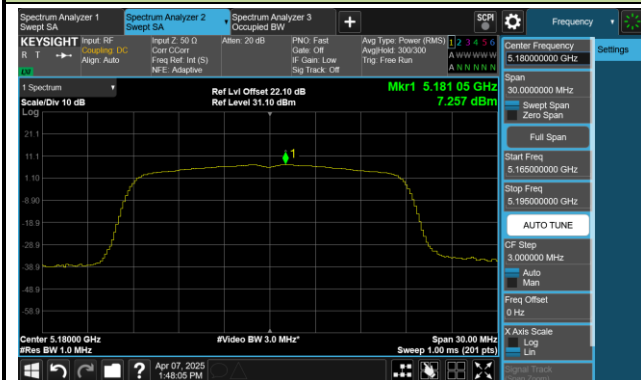


## Channel 165 (5825MHz)

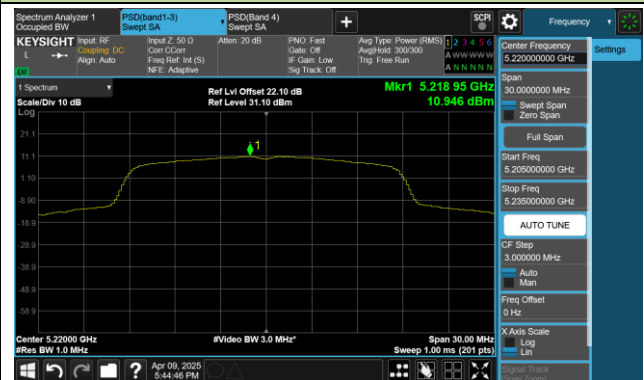


## 802.11ac-VHT20 Power Spectral Density- Ant 0

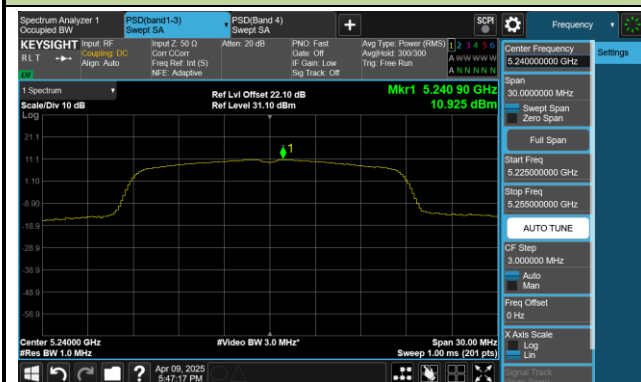
Channel 36 (5180MHz)



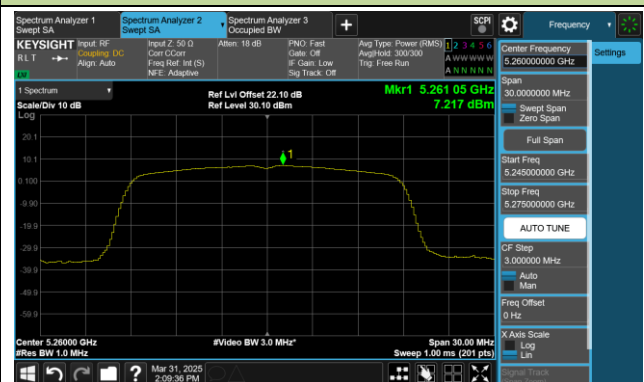
Channel 44 (5220MHz)



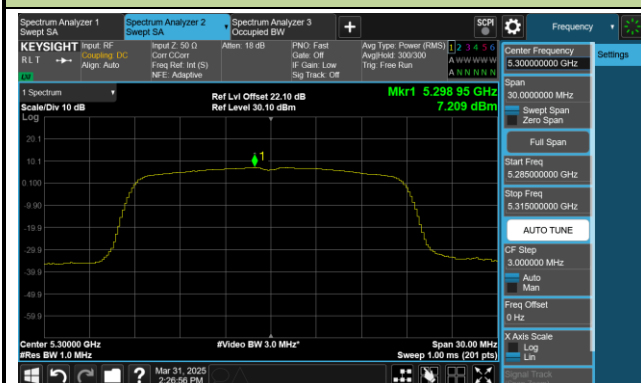
Channel 48 (5240MHz)



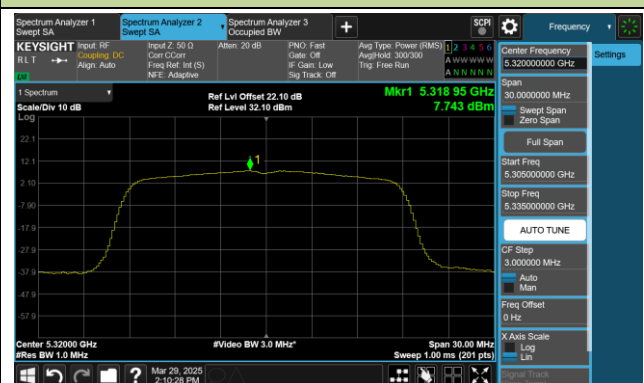
Channel 52 (5260MHz)



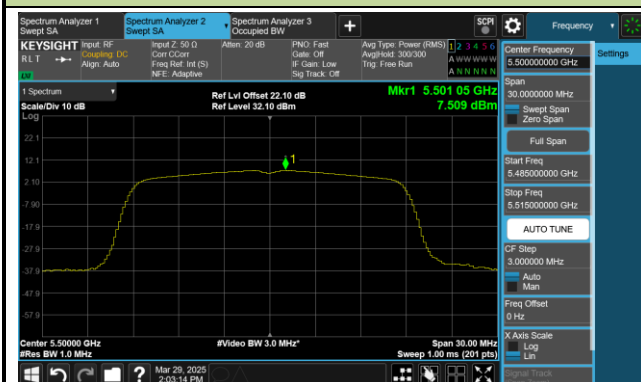
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)

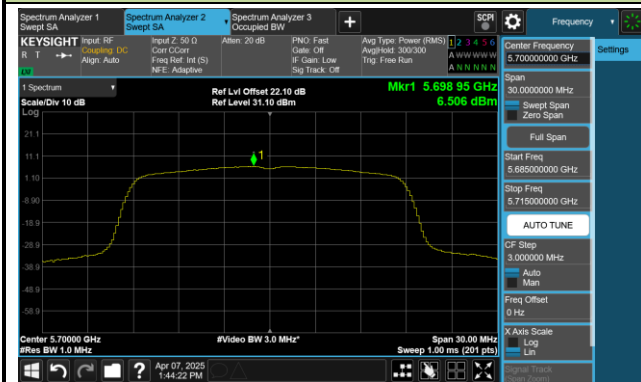


Channel 116 (5580MHz)

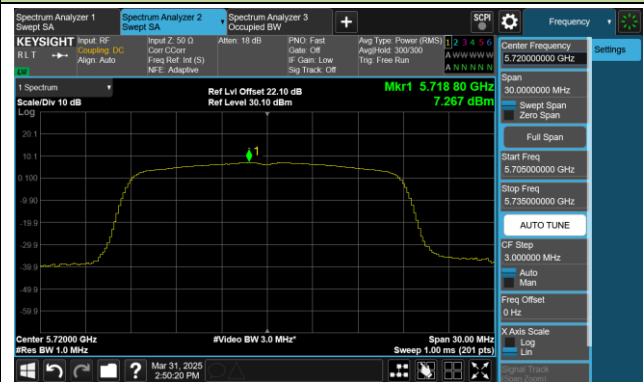


## 802.11ac-VHT20 Power Spectral Density- Ant 0

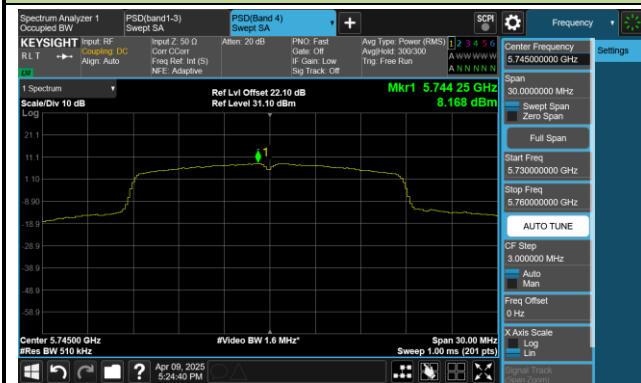
## Channel 140 (5700MHz)



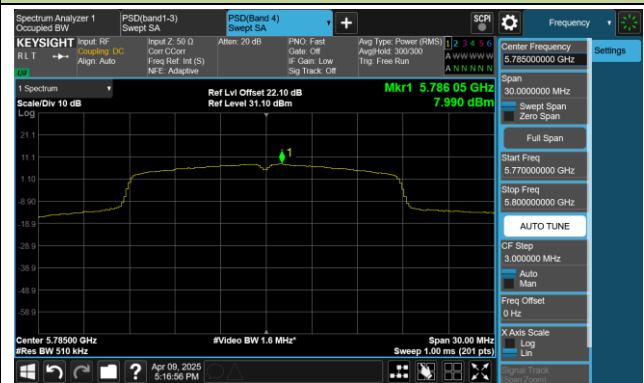
## Channel 144(5720MHz)



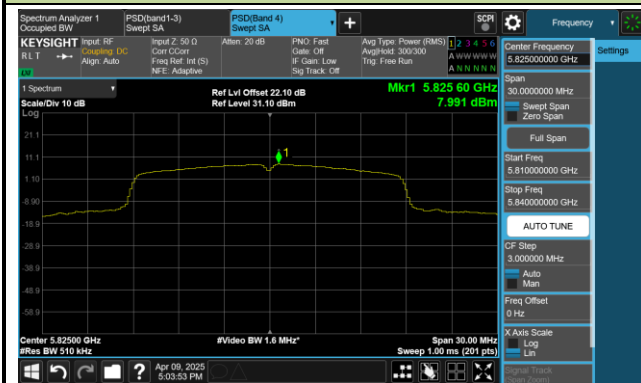
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

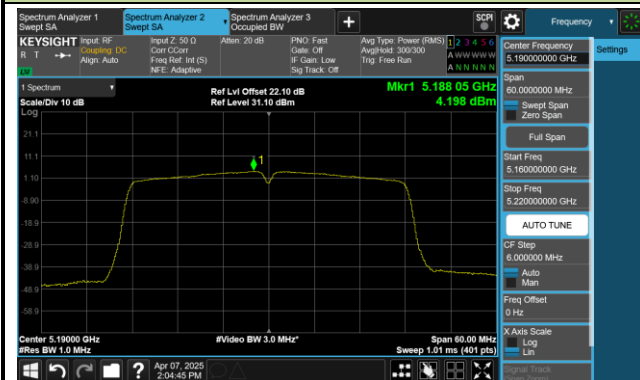


## Channel 165 (5825MHz)

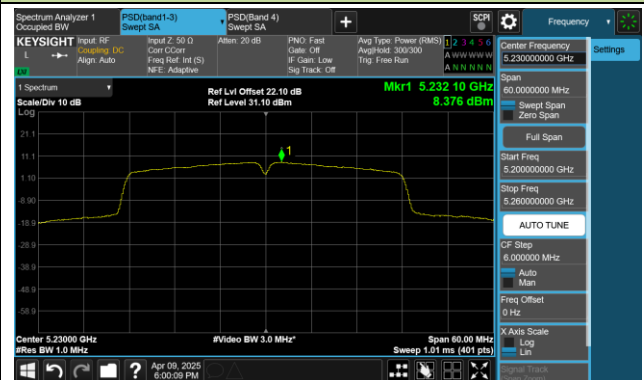


## 802.11ac-VHT40 Power Spectral Density- Ant 0

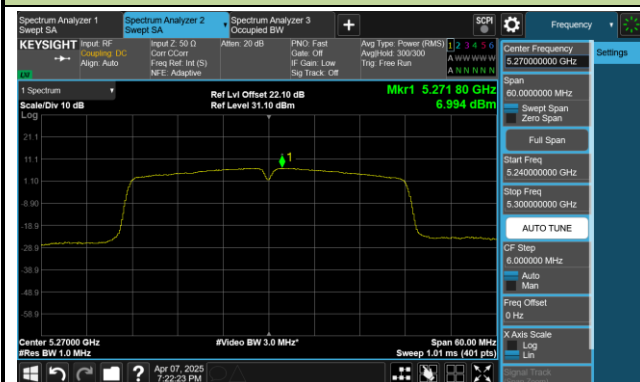
Channel 38 (5190MHz)



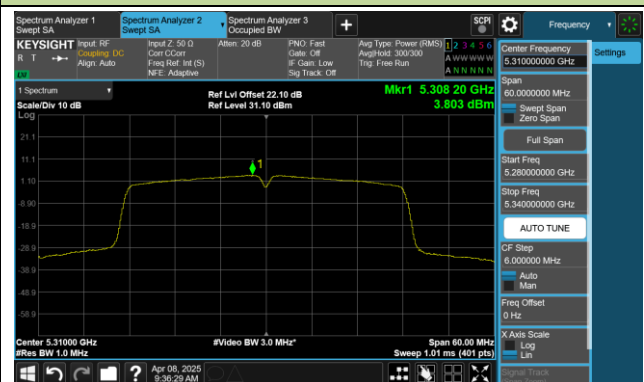
Channel 46 (5230MHz)



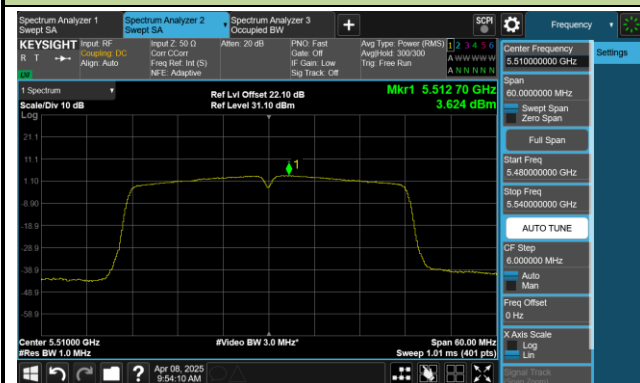
Channel 54 (5270MHz)



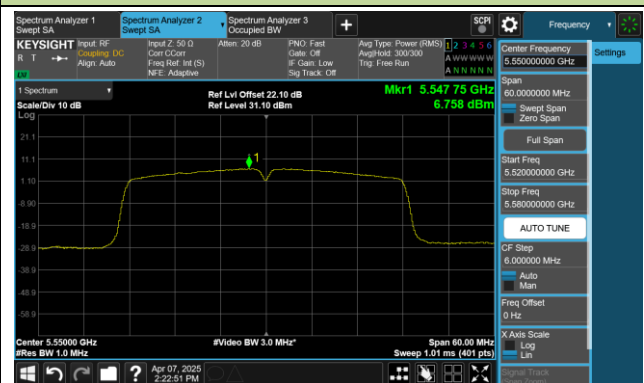
Channel 62 (5310MHz)



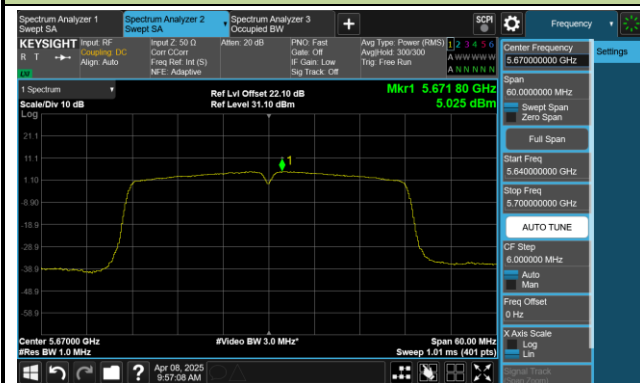
Channel 102 (5510MHz)



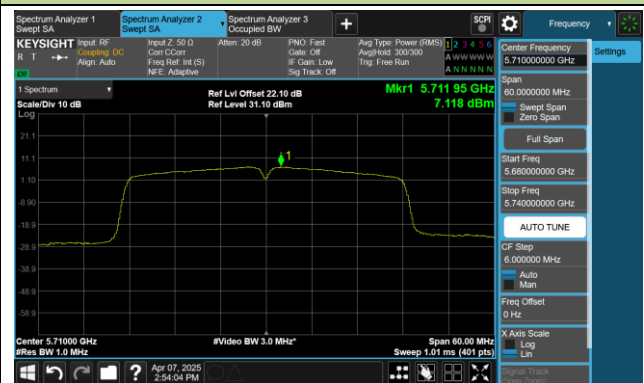
Channel 110 (5550MHz)



Channel 134 (5670MHz)

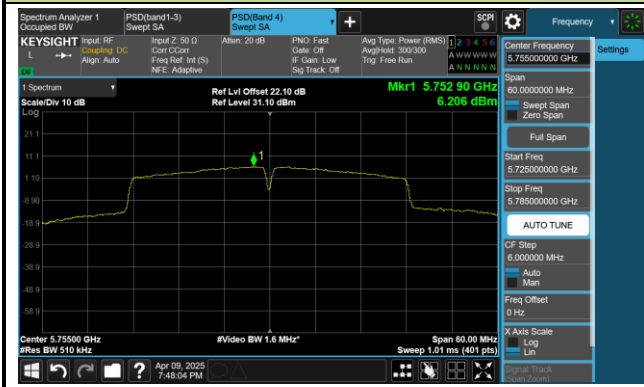


Channel 142(5710MHz)

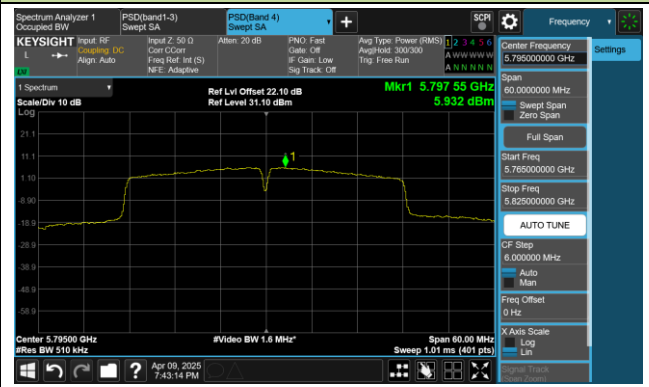


## 802.11ac-VHT40 Power Spectral Density- Ant 0

## Channel 151 (5755MHz)

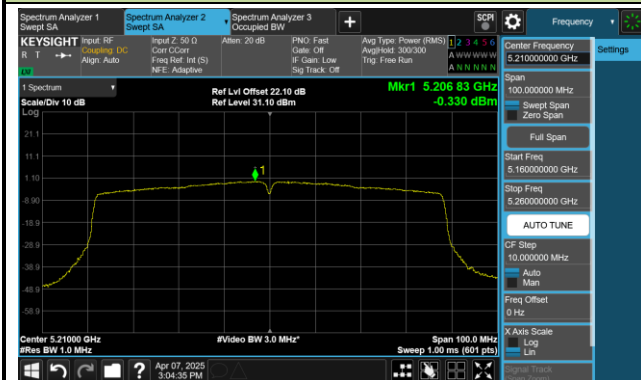


## Channel 159 (5795MHz)

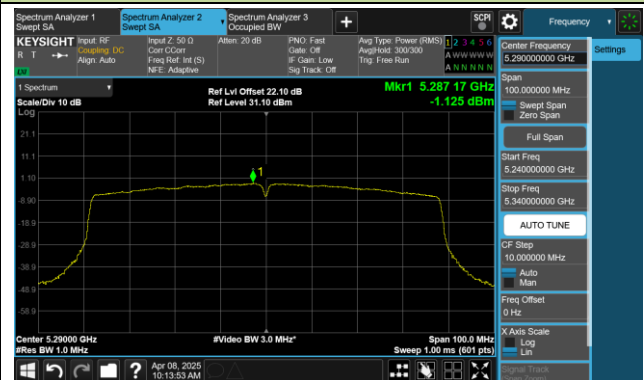


## 802.11ac-VHT80 Power Spectral Density- Ant 0

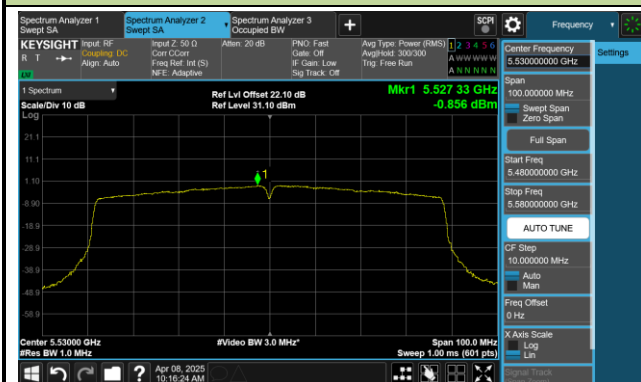
Channel 42 (5210MHz)



Channel 58 (5290MHz)



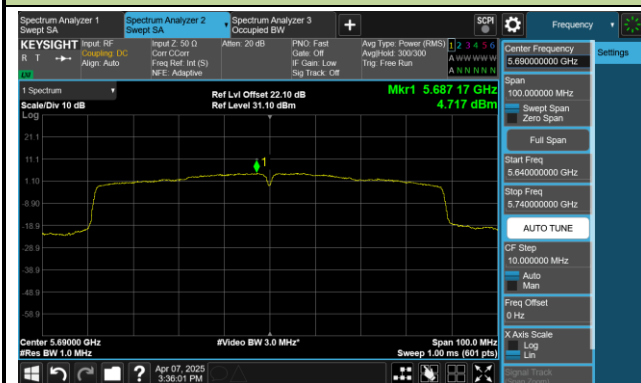
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)

