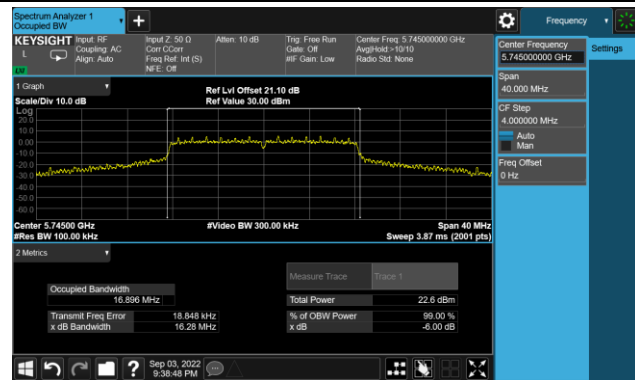
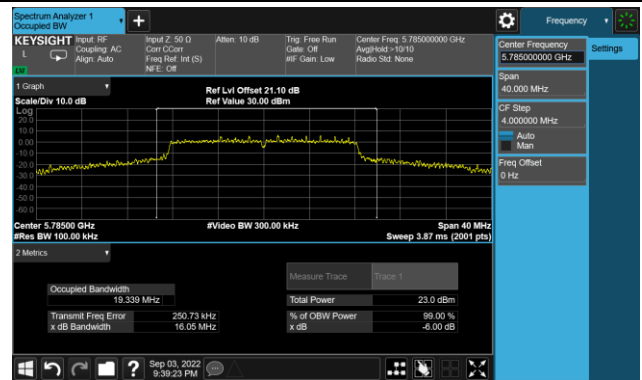


## 802.11a 6dB Bandwidth

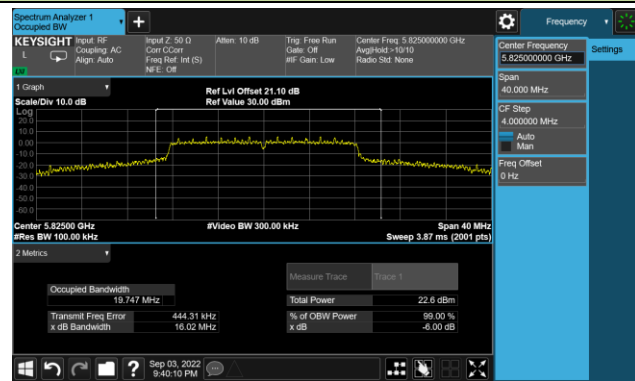
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

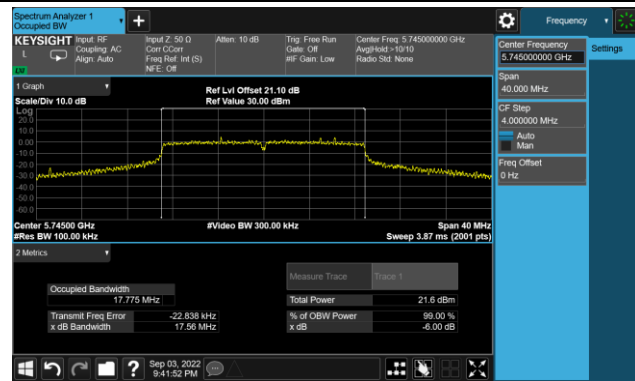


## Channel 165 (5825MHz)

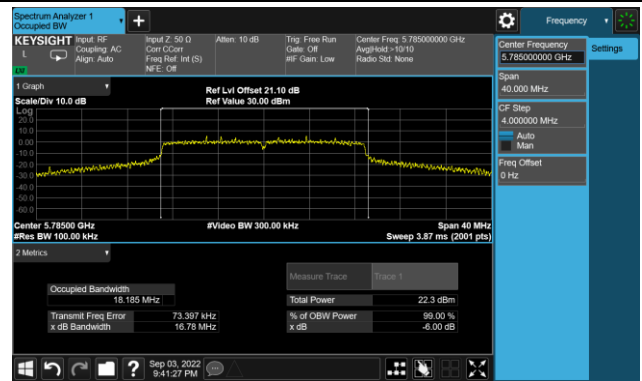


## 802.11ac-VHT20 6dB Bandwidth

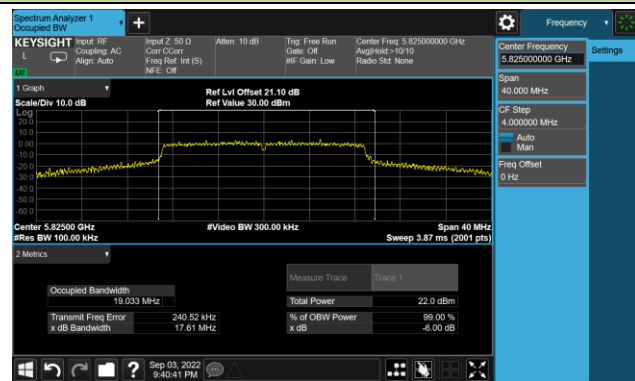
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

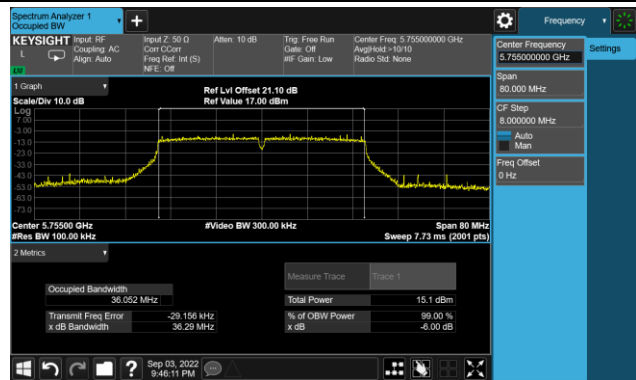


## Channel 165 (5825MHz)

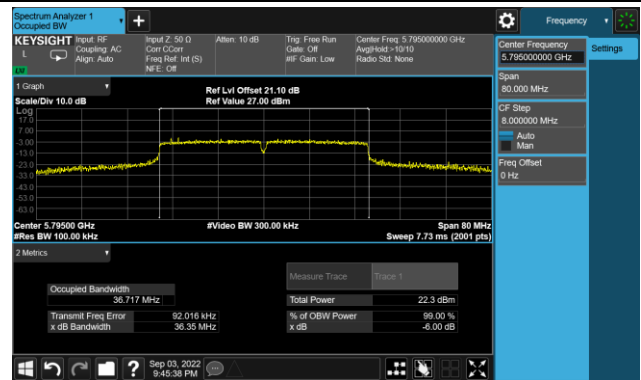


## 802.11ac-VHT40 6dB Bandwidth

## Channel 151 (5755MHz)

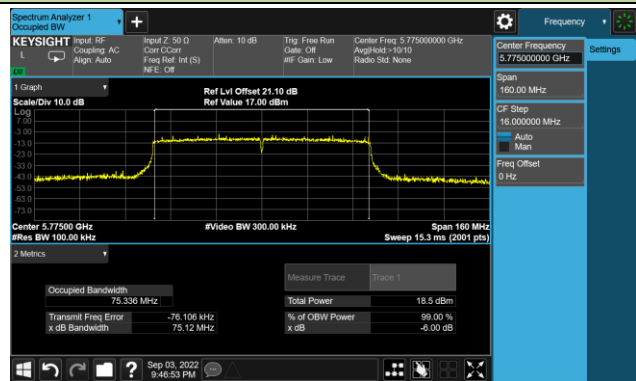


## Channel 159 (5795MHz)



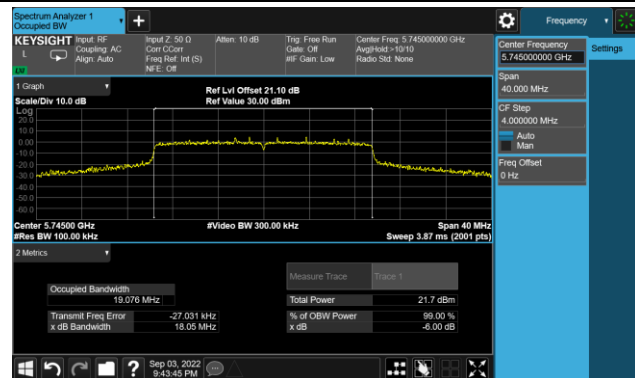
## 802.11ac-VHT80 6dB Bandwidth

## Channel 155 (5775MHz)

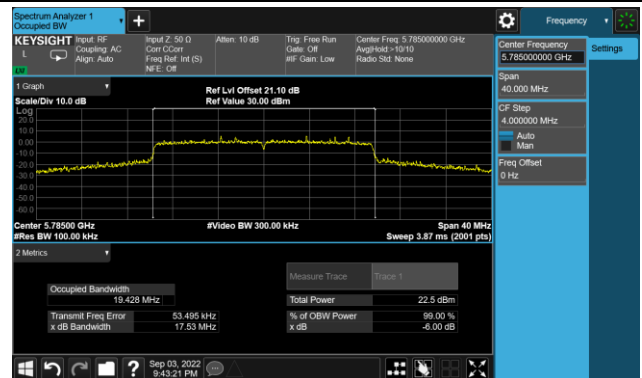


## 802.11ax-HE20 6dB Bandwidth

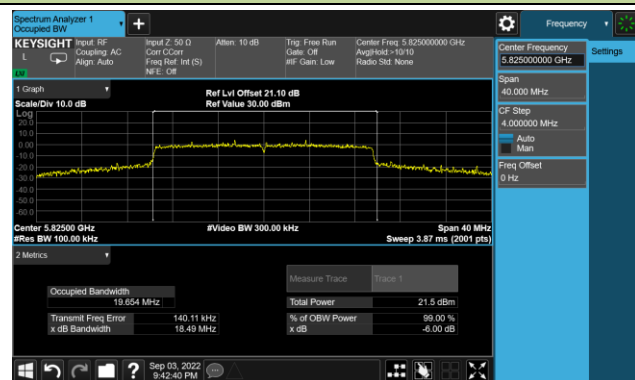
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

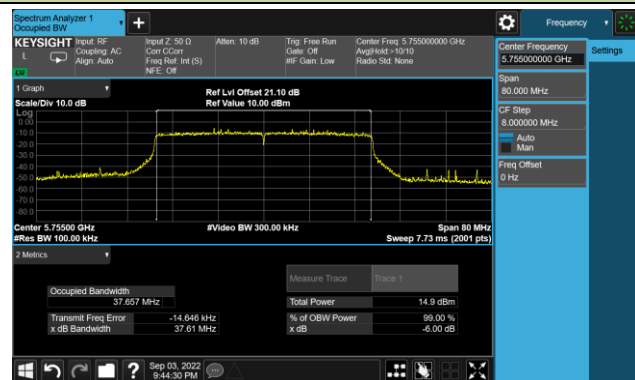


## Channel 165 (5825MHz)

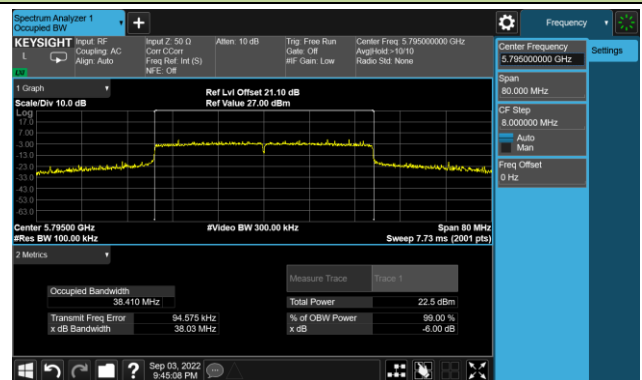


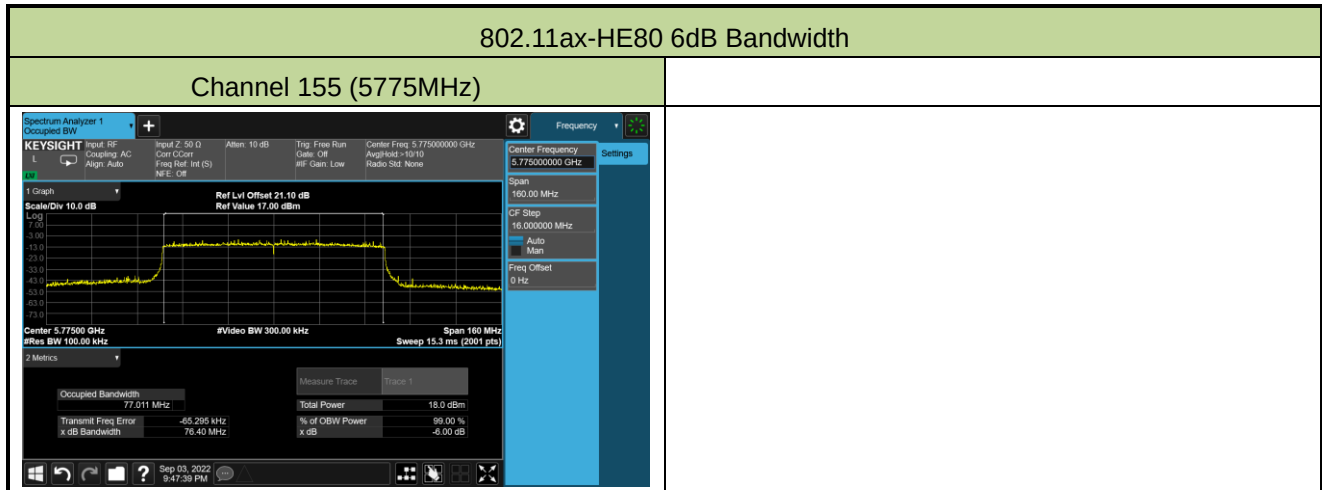
## 802.11ax-HE40 6dB Bandwidth

## Channel 151 (5755MHz)



## Channel 159 (5795MHz)





#### A.4 Output Power Test Result

|           |                         |               |           |
|-----------|-------------------------|---------------|-----------|
| Test Site | WZ-TR3                  | Test Engineer | Luis Yang |
| Test Date | 2022-09-05 ~ 2022-11-01 |               |           |

| Test Mode  | Data Rate<br>MCS | Channel<br>No. | Freq.<br>(MHz) | Average Power<br>(dBm) |       | Total Average<br>Power<br>(dBm) | Average Power<br>Limit<br>(dBm) |
|------------|------------------|----------------|----------------|------------------------|-------|---------------------------------|---------------------------------|
|            |                  |                |                | Ant 0                  | Ant 1 |                                 |                                 |
| 11a        | 6Mbps            | 36             | 5180           | 19.59                  | 20.52 | 23.09                           | ≤ 30.00                         |
| 11a        | 6Mbps            | 44             | 5220           | 22.53                  | 23.46 | 26.03                           | ≤ 30.00                         |
| 11a        | 6Mbps            | 48             | 5240           | 22.47                  | 23.14 | 25.83                           | ≤ 30.00                         |
| 11a        | 6Mbps            | 52             | 5260           | 15.43                  | 17.04 | 19.32                           | ≤ 23.98                         |
| 11a        | 6Mbps            | 60             | 5300           | 16.13                  | 17.09 | 19.65                           | ≤ 23.98                         |
| 11a        | 6Mbps            | 64             | 5320           | 15.84                  | 16.52 | 19.20                           | ≤ 23.98                         |
| 11a        | 6Mbps            | 100            | 5500           | 15.95                  | 16.06 | 19.02                           | ≤ 23.98                         |
| 11a        | 6Mbps            | 116            | 5580           | 15.19                  | 16.42 | 18.86                           | ≤ 23.98                         |
| 11a        | 6Mbps            | 140            | 5700           | 15.76                  | 16.55 | 19.18                           | ≤ 23.98                         |
| 11a        | 6Mbps            | 144            | 5720           | 16.06                  | 16.43 | 19.26                           | ≤ 22.82                         |
| 11a        | 6Mbps            | 149            | 5745           | 25.57                  | 24.94 | 28.28                           | ≤ 30.00                         |
| 11a        | 6Mbps            | 157            | 5785           | 25.64                  | 25.42 | 28.54                           | ≤ 30.00                         |
| 11a        | 6Mbps            | 165            | 5825           | 25.58                  | 25.17 | 28.39                           | ≤ 30.00                         |
| 11ac-VHT20 | MCS0             | 36             | 5180           | 19.13                  | 20.12 | 22.66                           | ≤ 30.00                         |
| 11ac-VHT20 | MCS0             | 44             | 5220           | 22.06                  | 22.83 | 25.47                           | ≤ 30.00                         |
| 11ac-VHT20 | MCS0             | 48             | 5240           | 22.74                  | 23.61 | 26.21                           | ≤ 30.00                         |
| 11ac-VHT20 | MCS0             | 52             | 5260           | 16.33                  | 17.93 | 20.21                           | ≤ 23.98                         |
| 11ac-VHT20 | MCS0             | 60             | 5300           | 16.91                  | 17.86 | 20.42                           | ≤ 23.98                         |
| 11ac-VHT20 | MCS0             | 64             | 5320           | 16.77                  | 17.33 | 20.07                           | ≤ 23.98                         |
| 11ac-VHT20 | MCS0             | 100            | 5500           | 16.76                  | 16.73 | 19.76                           | ≤ 23.98                         |
| 11ac-VHT20 | MCS0             | 116            | 5580           | 16.10                  | 17.20 | 19.70                           | ≤ 23.98                         |
| 11ac-VHT20 | MCS0             | 140            | 5700           | 16.34                  | 17.23 | 19.82                           | ≤ 23.98                         |
| 11ac-VHT20 | MCS0             | 144            | 5720           | 16.73                  | 16.97 | 19.86                           | ≤ 22.88                         |
| 11ac-VHT20 | MCS0             | 149            | 5745           | 25.41                  | 24.90 | 28.17                           | ≤ 30.00                         |
| 11ac-VHT20 | MCS0             | 157            | 5785           | 25.76                  | 25.52 | 28.65                           | ≤ 30.00                         |
| 11ac-VHT20 | MCS0             | 165            | 5825           | 25.32                  | 25.13 | 28.24                           | ≤ 30.00                         |

| Test Mode  | Data Rate<br>MCS | Channel<br>No. | Freq.<br>(MHz) | Average Power<br>(dBm) |       | Total Average<br>Power<br>(dBm) | Average Power<br>Limit<br>(dBm) |
|------------|------------------|----------------|----------------|------------------------|-------|---------------------------------|---------------------------------|
|            |                  |                |                | Ant 0                  | Ant 1 |                                 |                                 |
| 11ac-VHT40 | MCS0             | 38             | 5190           | 13.57                  | 14.24 | 16.93                           | ≤ 30.00                         |
| 11ac-VHT40 | MCS0             | 46             | 5230           | 25.33                  | 26.16 | 28.78                           | ≤ 30.00                         |
| 11ac-VHT40 | MCS0             | 54             | 5270           | 19.51                  | 20.15 | 22.85                           | ≤ 23.98                         |
| 11ac-VHT40 | MCS0             | 62             | 5310           | 15.25                  | 16.36 | 18.85                           | ≤ 23.98                         |
| 11ac-VHT40 | MCS0             | 102            | 5510           | 15.58                  | 15.66 | 18.63                           | ≤ 23.98                         |
| 11ac-VHT40 | MCS0             | 110            | 5550           | 19.37                  | 19.73 | 22.56                           | ≤ 23.98                         |
| 11ac-VHT40 | MCS0             | 134            | 5670           | 17.93                  | 19.42 | 21.75                           | ≤ 23.98                         |
| 11ac-VHT40 | MCS0             | 142            | 5710           | 18.52                  | 19.28 | 21.93                           | ≤ 23.98                         |
| 11ac-VHT40 | MCS0             | 151            | 5755           | 17.09                  | 18.01 | 20.58                           | ≤ 30.00                         |
| 11ac-VHT40 | MCS0             | 159            | 5795           | 25.66                  | 24.33 | 28.06                           | ≤ 30.00                         |
| 11ac-VHT80 | MCS0             | 42             | 5210           | 11.10                  | 11.44 | 14.28                           | ≤ 30.00                         |
| 11ac-VHT80 | MCS0             | 58             | 5290           | 14.65                  | 15.91 | 18.34                           | ≤ 23.98                         |
| 11ac-VHT80 | MCS0             | 106            | 5530           | 14.95                  | 15.34 | 18.16                           | ≤ 23.98                         |
| 11ac-VHT80 | MCS0             | 122            | 5610           | 20.13                  | 20.93 | 23.56                           | ≤ 23.98                         |
| 11ac-VHT80 | MCS0             | 138            | 5690           | 20.12                  | 21.14 | 23.67                           | ≤ 23.98                         |
| 11ac-VHT80 | MCS0             | 155            | 5775           | 20.73                  | 21.82 | 24.32                           | ≤ 30.00                         |
| 11ax-HE20  | MCS0             | 36             | 5180           | 19.08                  | 20.30 | 22.74                           | ≤ 30.00                         |
| 11ax-HE20  | MCS0             | 44             | 5220           | 23.31                  | 23.90 | 26.63                           | ≤ 30.00                         |
| 11ax-HE20  | MCS0             | 48             | 5240           | 22.67                  | 23.72 | 26.24                           | ≤ 30.00                         |
| 11ax-HE20  | MCS0             | 52             | 5260           | 16.29                  | 17.88 | 20.17                           | ≤ 23.98                         |
| 11ax-HE20  | MCS0             | 60             | 5300           | 16.91                  | 17.76 | 20.37                           | ≤ 23.98                         |
| 11ax-HE20  | MCS0             | 64             | 5320           | 16.67                  | 17.23 | 19.97                           | ≤ 23.98                         |
| 11ax-HE20  | MCS0             | 100            | 5500           | 16.50                  | 16.58 | 19.55                           | ≤ 23.98                         |
| 11ax-HE20  | MCS0             | 116            | 5580           | 15.81                  | 17.02 | 19.47                           | ≤ 23.98                         |
| 11ax-HE20  | MCS0             | 140            | 5700           | 16.32                  | 17.22 | 19.80                           | ≤ 23.98                         |
| 11ax-HE20  | MCS0             | 144            | 5720           | 16.62                  | 16.90 | 19.77                           | ≤ 23.02                         |
| 11ax-HE20  | MCS0             | 149            | 5745           | 25.43                  | 25.38 | 28.42                           | ≤ 30.00                         |
| 11ax-HE20  | MCS0             | 157            | 5785           | 25.68                  | 25.54 | 28.62                           | ≤ 30.00                         |
| 11ax-HE20  | MCS0             | 165            | 5825           | 25.48                  | 25.58 | 28.54                           | ≤ 30.00                         |

| Test Mode | Data Rate<br>MCS | Channel<br>No. | Freq.<br>(MHz) | Average Power<br>(dBm) |       | Total Average<br>Power<br>(dBm) | Average Power<br>Limit<br>(dBm) |
|-----------|------------------|----------------|----------------|------------------------|-------|---------------------------------|---------------------------------|
|           |                  |                |                | Ant 0                  | Ant 1 |                                 |                                 |
| 11ax-HE40 | MCS0             | 38             | 5190           | 13.31                  | 14.31 | 16.85                           | ≤ 30.00                         |
| 11ax-HE40 | MCS0             | 46             | 5230           | 25.13                  | 25.86 | 28.52                           | ≤ 30.00                         |
| 11ax-HE40 | MCS0             | 54             | 5270           | 19.11                  | 20.52 | 22.88                           | ≤ 23.98                         |
| 11ax-HE40 | MCS0             | 62             | 5310           | 15.64                  | 16.32 | 19.00                           | ≤ 23.98                         |
| 11ax-HE40 | MCS0             | 102            | 5510           | 15.45                  | 15.38 | 18.43                           | ≤ 23.98                         |
| 11ax-HE40 | MCS0             | 110            | 5550           | 19.23                  | 19.79 | 22.53                           | ≤ 23.98                         |
| 11ax-HE40 | MCS0             | 134            | 5670           | 18.74                  | 20.13 | 22.50                           | ≤ 23.98                         |
| 11ax-HE40 | MCS0             | 142            | 5710           | 19.34                  | 19.96 | 22.67                           | ≤ 23.98                         |
| 11ax-HE40 | MCS0             | 151            | 5755           | 16.78                  | 17.48 | 20.15                           | ≤ 30.00                         |
| 11ax-HE40 | MCS0             | 159            | 5795           | 25.82                  | 24.56 | 28.25                           | ≤ 30.00                         |
| 11ax-HE80 | MCS0             | 42             | 5210           | 11.08                  | 11.72 | 14.42                           | ≤ 30.00                         |
| 11ax-HE80 | MCS0             | 58             | 5290           | 14.48                  | 15.72 | 18.15                           | ≤ 23.98                         |
| 11ax-HE80 | MCS0             | 106            | 5530           | 14.90                  | 15.14 | 18.03                           | ≤ 23.98                         |
| 11ax-HE80 | MCS0             | 122            | 5610           | 19.34                  | 20.47 | 22.95                           | ≤ 23.98                         |
| 11ax-HE80 | MCS0             | 138            | 5690           | 20.03                  | 21.12 | 23.62                           | ≤ 23.98                         |
| 11ax-HE80 | MCS0             | 155            | 5775           | 19.65                  | 20.71 | 23.22                           | ≤ 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 5720MHz, Average Power Limit =  $11 + 10 \cdot \log(5 + 26 \text{dBc} / 2)$ .

Note 3:

For 5250-5350MHz & 5470-5725MHz, the conducted power limit is not exceed the lesser of 23.98dBm or  $11 \text{ dBm} + 10 \log B$ .

802.11a/ac-VHT20/ac-VHT40/ac-VHT80/ax-HE20/ax-HE40/ax-HE80:  $11 + 10 \log_{10} B > 23.98 \text{dBm}$

Note 3: For straddle channel, the conducted power limit is as below. The average power is measured from the entire emission across the whole emission bandwidth using a broadband power meter.

802.11a CH144:  $11 + 10 \log_{10} (B) = 22.82 \text{dBm}$ ,  $B = 20.42 / 2 + 5 = 15.21 \text{MHz}$ .

802.11ac-VHT20 CH144:  $11 + 10 \log_{10} (B) = 22.88 \text{dBm}$ ,  $B = 20.84 / 2 + 5 = 15.42 \text{MHz}$ .

802.11ax-HE20 CH144:  $11 + 10 \log_{10} (B) = 23.02 \text{dBm}$ ,  $B = 21.85 / 2 + 5 = 15.925 \text{MHz}$ .

### A.5 Power Spectral Density Test Result

|           |                                                          |               |           |
|-----------|----------------------------------------------------------|---------------|-----------|
| Test Site | WZ-TR3                                                   | Test Engineer | Luis Yang |
| Test Date | 2022-07-21~2022-11-01                                    |               |           |
| 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/ MHz) | PSD<br>Limit<br>(dBm/MHz) |
|------------|-------------------|----------------|----------------|---------------------|-------|-------------------|-------------------------|---------------------------|
|            |                   |                |                | Ant 0               | Ant 1 |                   |                         |                           |
| 11a        | 6Mbps             | 36             | 5180           | 7.94                | 9.00  | 95.36             | 11.72                   | ≤ 14.49                   |
| 11a        | 6Mbps             | 44             | 5220           | 10.61               | 11.45 | 95.36             | 14.26                   | ≤ 14.49                   |
| 11a        | 6Mbps             | 48             | 5240           | 10.61               | 11.32 | 95.36             | 14.19                   | ≤ 14.49                   |
| 11a        | 6Mbps             | 52             | 5260           | 3.70                | 5.30  | 95.36             | 7.79                    | ≤ 8.49                    |
| 11a        | 6Mbps             | 60             | 5300           | 4.37                | 5.45  | 95.36             | 8.16                    | ≤ 8.49                    |
| 11a        | 6Mbps             | 64             | 5320           | 4.19                | 5.02  | 95.36             | 7.84                    | ≤ 8.49                    |
| 11a        | 6Mbps             | 100            | 5500           | 3.82                | 3.83  | 95.36             | 7.04                    | ≤ 7.99                    |
| 11a        | 6Mbps             | 116            | 5580           | 3.18                | 4.40  | 95.36             | 7.05                    | ≤ 7.99                    |
| 11a        | 6Mbps             | 140            | 5700           | 3.62                | 4.64  | 95.36             | 7.37                    | ≤ 7.99                    |
| 11a        | 6Mbps             | 144            | 5720           | 4.01                | 4.45  | 95.36             | 7.45                    | ≤ 7.99                    |
| 11ac-VHT20 | MCS0              | 36             | 5180           | 7.09                | 8.21  | 94.42             | 10.94                   | ≤ 14.49                   |
| 11ac-VHT20 | MCS0              | 44             | 5220           | 10.09               | 10.97 | 94.42             | 13.81                   | ≤ 14.49                   |
| 11ac-VHT20 | MCS0              | 48             | 5240           | 10.58               | 11.41 | 94.42             | 14.28                   | ≤ 14.49                   |
| 11ac-VHT20 | MCS0              | 52             | 5260           | 3.96                | 5.55  | 94.42             | 8.08                    | ≤ 8.49                    |
| 11ac-VHT20 | MCS0              | 60             | 5300           | 4.62                | 5.48  | 94.42             | 8.33                    | ≤ 8.49                    |
| 11ac-VHT20 | MCS0              | 64             | 5320           | 4.59                | 4.88  | 94.42             | 8.00                    | ≤ 8.49                    |
| 11ac-VHT20 | MCS0              | 100            | 5500           | 4.06                | 4.17  | 94.42             | 7.37                    | ≤ 7.99                    |
| 11ac-VHT20 | MCS0              | 116            | 5580           | 3.74                | 4.95  | 94.42             | 7.65                    | ≤ 7.99                    |
| 11ac-VHT20 | MCS0              | 140            | 5700           | 4.03                | 4.89  | 94.42             | 7.74                    | ≤ 7.99                    |
| 11ac-VHT20 | MCS0              | 144            | 5720           | 4.36                | 4.61  | 94.42             | 7.74                    | ≤ 7.99                    |
| 11ac-VHT40 | MCS0              | 38             | 5190           | -0.27               | -1.50 | 94.04             | 2.44                    | ≤ 14.49                   |
| 11ac-VHT40 | MCS0              | 46             | 5230           | 10.40               | 11.19 | 94.04             | 14.09                   | ≤ 14.49                   |
| 11ac-VHT40 | MCS0              | 54             | 5270           | 4.25                | 5.78  | 94.04             | 8.36                    | ≤ 8.49                    |
| 11ac-VHT40 | MCS0              | 62             | 5310           | 1.38                | 1.95  | 94.04             | 4.95                    | ≤ 8.49                    |
| 11ac-VHT40 | MCS0              | 102            | 5510           | 0.81                | 1.02  | 94.04             | 4.20                    | ≤ 7.99                    |
| 11ac-VHT40 | MCS0              | 110            | 5550           | 4.26                | 4.68  | 94.04             | 7.75                    | ≤ 7.99                    |
| 11ac-VHT40 | MCS0              | 134            | 5670           | 2.84                | 4.28  | 94.04             | 6.90                    | ≤ 7.99                    |
| 11ac-VHT40 | MCS0              | 142            | 5710           | 3.88                | 4.47  | 94.04             | 7.46                    | ≤ 7.99                    |



| Test Mode  | Data Rate/<br>MCS | Channel<br>No. | Freq.<br>(MHz) | AVPSD<br>(dBm/ MHz) |       | Duty Cycle<br>(%) | Total PSD<br>(dBm/ MHz) | PSD<br>Limit<br>(dBm/MHz) |
|------------|-------------------|----------------|----------------|---------------------|-------|-------------------|-------------------------|---------------------------|
|            |                   |                |                | Ant 0               | Ant 1 |                   |                         |                           |
| 11ac-VHT80 | MCS0              | 42             | 5210           | -7.13               | -6.12 | 94.07             | -3.32                   | ≤ 14.49                   |
| 11ac-VHT80 | MCS0              | 58             | 5290           | -3.24               | -2.23 | 94.07             | 0.57                    | ≤ 8.49                    |
| 11ac-VHT80 | MCS0              | 106            | 5530           | -3.05               | -2.70 | 94.07             | 0.41                    | ≤ 7.99                    |
| 11ac-VHT80 | MCS0              | 122            | 5610           | 2.53                | 3.49  | 94.07             | 6.31                    | ≤ 7.99                    |
| 11ac-VHT80 | MCS0              | 138            | 5690           | 1.99                | 3.08  | 94.07             | 5.85                    | ≤ 7.99                    |
| 11ax-HE20  | MCS0              | 36             | 5180           | 6.70                | 7.75  | 93.38             | 10.56                   | ≤ 14.49                   |
| 11ax-HE20  | MCS0              | 44             | 5220           | 10.58               | 11.45 | 93.38             | 14.34                   | ≤ 14.49                   |
| 11ax-HE20  | MCS0              | 48             | 5240           | 10.66               | 11.24 | 93.38             | 14.27                   | ≤ 14.49                   |
| 11ax-HE20  | MCS0              | 52             | 5260           | 3.63                | 5.15  | 93.38             | 7.76                    | ≤ 8.49                    |
| 11ax-HE20  | MCS0              | 60             | 5300           | 4.33                | 5.09  | 93.38             | 8.03                    | ≤ 8.49                    |
| 11ax-HE20  | MCS0              | 64             | 5320           | 4.02                | 4.66  | 93.38             | 7.66                    | ≤ 8.49                    |
| 11ax-HE20  | MCS0              | 100            | 5500           | 3.86                | 3.74  | 93.38             | 7.10                    | ≤ 7.99                    |
| 11ax-HE20  | MCS0              | 116            | 5580           | 3.44                | 4.57  | 93.38             | 7.35                    | ≤ 7.99                    |
| 11ax-HE20  | MCS0              | 140            | 5700           | 3.83                | 4.49  | 93.38             | 7.48                    | ≤ 7.99                    |
| 11ax-HE20  | MCS0              | 144            | 5720           | 3.91                | 4.13  | 93.38             | 7.33                    | ≤ 7.99                    |
| 11ax-HE40  | MCS0              | 38             | 5190           | -1.78               | -0.60 | 93.87             | 2.14                    | ≤ 14.49                   |
| 11ax-HE40  | MCS0              | 46             | 5230           | 10.16               | 11.04 | 93.87             | 13.91                   | ≤ 14.49                   |
| 11ax-HE40  | MCS0              | 54             | 5270           | 4.11                | 5.47  | 93.87             | 8.13                    | ≤ 8.49                    |
| 11ax-HE40  | MCS0              | 62             | 5310           | 0.81                | 1.73  | 93.87             | 4.58                    | ≤ 8.49                    |
| 11ax-HE40  | MCS0              | 102            | 5510           | 0.61                | 0.63  | 93.87             | 3.91                    | ≤ 7.99                    |
| 11ax-HE40  | MCS0              | 110            | 5550           | 4.18                | 4.63  | 93.87             | 7.70                    | ≤ 7.99                    |
| 11ax-HE40  | MCS0              | 134            | 5670           | 3.53                | 5.00  | 93.87             | 7.61                    | ≤ 7.99                    |
| 11ax-HE40  | MCS0              | 142            | 5710           | 4.35                | 4.58  | 93.87             | 7.75                    | ≤ 7.99                    |
| 11ax-HE80  | MCS0              | 42             | 5210           | -6.74               | -6.22 | 93.01             | -3.15                   | ≤ 14.49                   |
| 11ax-HE80  | MCS0              | 58             | 5290           | -3.18               | -2.09 | 93.01             | 0.73                    | ≤ 8.49                    |
| 11ax-HE80  | MCS0              | 106            | 5530           | -2.90               | -2.59 | 93.01             | 0.58                    | ≤ 7.99                    |
| 11ax-HE80  | MCS0              | 122            | 5610           | -1.57               | -2.88 | 93.01             | 1.15                    | ≤ 7.99                    |
| 11ax-HE80  | MCS0              | 138            | 5690           | 1.95                | 2.97  | 93.01             | 5.82                    | ≤ 7.99                    |

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

Note 2: For NII-1, PSD Limit (dBm/MHz) = 17 - (8.51 - 6) = 14.49 (dBm/MHz).

For NII-2a, PSD Limit (dBm/MHz) = 11 - (8.51 - 6) = 8.49 (dBm/MHz).

For NII-2c, PSD Limit (dBm/MHz) = 11 - (9.01 - 6) = 7.99 (dBm/MHz).

|           |                                      |               |           |
|-----------|--------------------------------------|---------------|-----------|
| Test Site | WZ-TR3                               | Test Engineer | Luis Yang |
| Test Date | 2022-07-21~2022-09-03                |               |           |
| 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           | 10.52                 | 11.12 | 95.36             | 14.05                         | ≤ 27.49                       |
| 11a        | 6Mbps             | 157            | 5785           | 11.15                 | 11.06 | 95.36             | 14.32                         | ≤ 27.49                       |
| 11a        | 6Mbps             | 165            | 5825           | 11.17                 | 10.61 | 95.36             | 14.12                         | ≤ 27.49                       |
| 11ac-VHT20 | MCS0              | 149            | 5745           | 10.53                 | 10.47 | 94.42             | 13.76                         | ≤ 27.49                       |
| 11ac-VHT20 | MCS0              | 157            | 5785           | 10.59                 | 10.80 | 94.42             | 13.96                         | ≤ 27.49                       |
| 11ac-VHT20 | MCS0              | 165            | 5825           | 10.55                 | 10.59 | 94.42             | 13.83                         | ≤ 27.49                       |
| 11ac-VHT40 | MCS0              | 151            | 5755           | -0.71                 | 0.60  | 94.04             | 3.27                          | ≤ 27.49                       |
| 11ac-VHT40 | MCS0              | 159            | 5795           | 8.09                  | 7.61  | 94.04             | 11.14                         | ≤ 27.49                       |
| 11ac-VHT80 | MCS0              | 155            | 5775           | 0.04                  | 1.00  | 94.07             | 3.82                          | ≤ 27.49                       |
| 11ax-HE20  | MCS0              | 149            | 5745           | 10.31                 | 10.01 | 93.38             | 13.47                         | ≤ 27.49                       |
| 11ax-HE20  | MCS0              | 157            | 5785           | 10.05                 | 10.57 | 93.38             | 13.62                         | ≤ 27.49                       |
| 11ax-HE20  | MCS0              | 165            | 5825           | 10.04                 | 9.99  | 93.38             | 13.33                         | ≤ 27.49                       |
| 11ax-HE40  | MCS0              | 151            | 5755           | -0.78                 | 0.44  | 93.87             | 3.15                          | ≤ 27.49                       |
| 11ax-HE40  | MCS0              | 159            | 5795           | 8.12                  | 7.35  | 93.87             | 11.04                         | ≤ 27.49                       |
| 11ax-HE80  | MCS0              | 155            | 5775           | -1.19                 | 0.01  | 93.01             | 2.78                          | ≤ 27.49                       |

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

Note 2: PSD Limit (dBm/500KHz) =  $30 - (8.51 - 6) = 27.49$  (dBm/500KHz).

## 802.11a Power Spectral Density- Ant 0

Channel 36 (5180MHz)



Channel 44 (5220MHz)



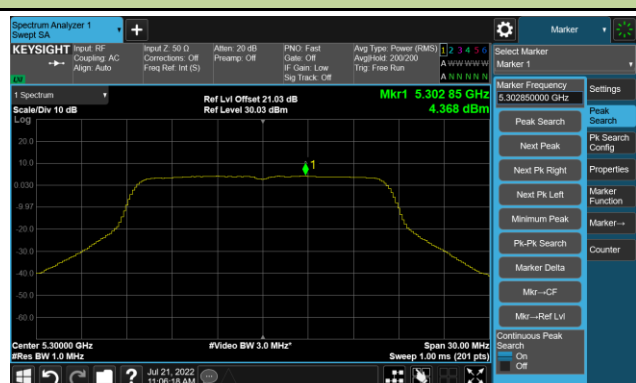
Channel 48 (5240MHz)



Channel 52 (5260MHz)



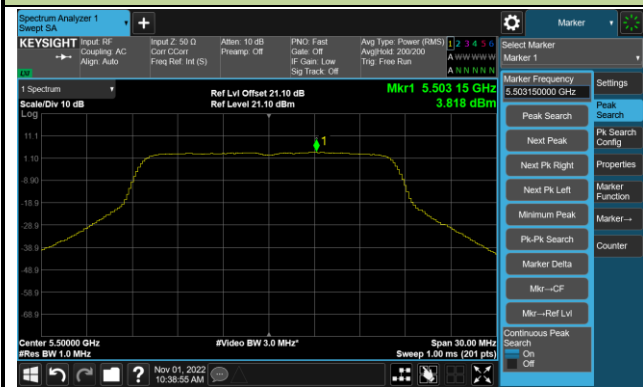
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)



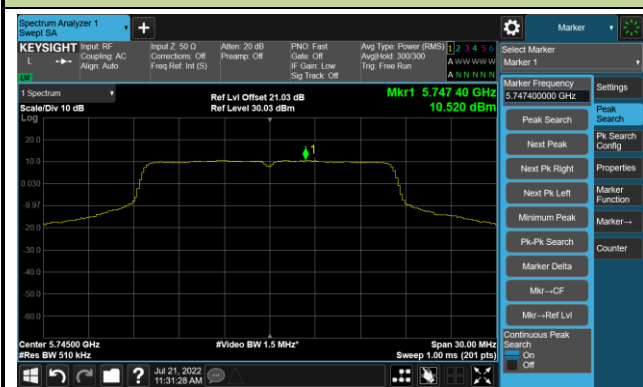
Channel 140 (5700MHz)



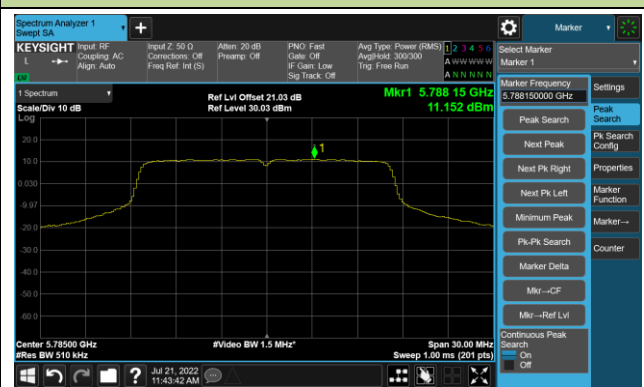
Channel 144(5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

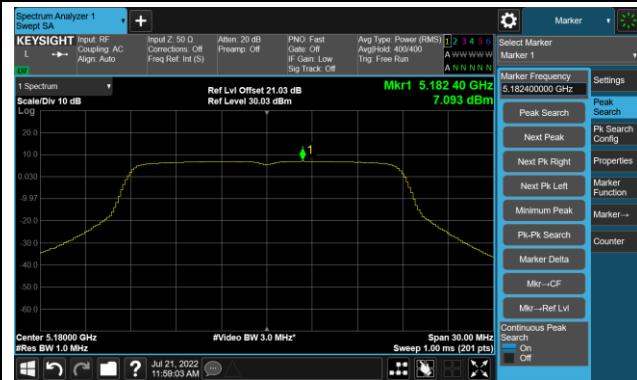


Channel 165 (5825MHz)

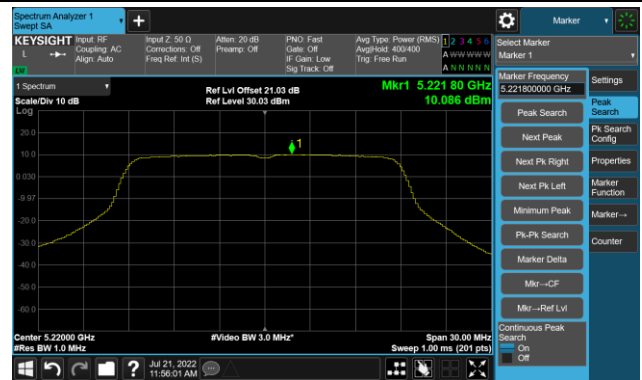


## 802.11ac-VHT20 Power Spectral Density- Ant 0

Channel 36 (5180MHz)



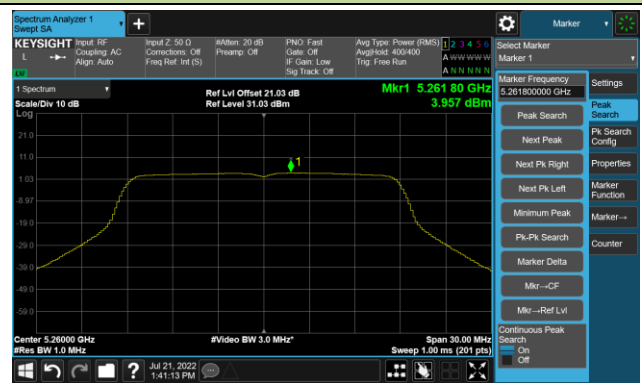
Channel 44 (5220MHz)



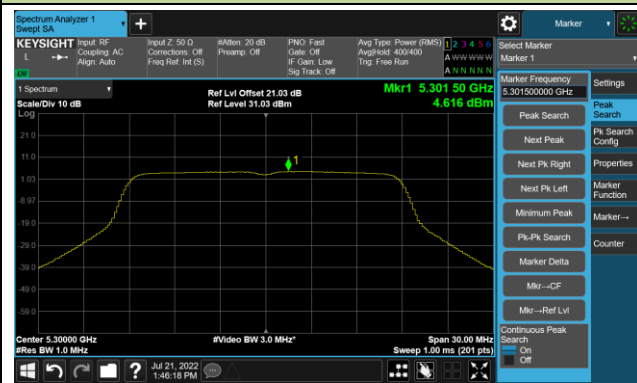
Channel 48 (5240MHz)



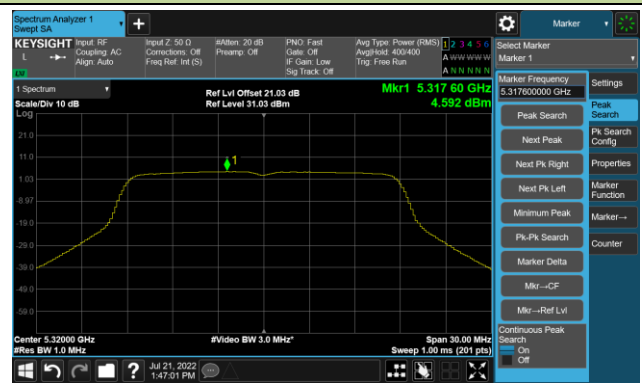
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



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

Channel 100 (5500MHz)



Channel 116 (5580MHz)



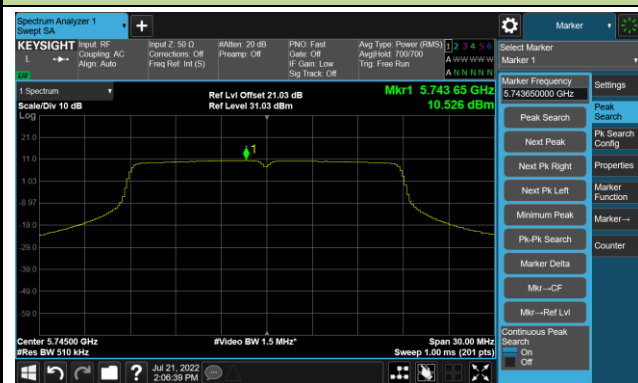
Channel 140 (5700MHz)



Channel 144(5720MHz)



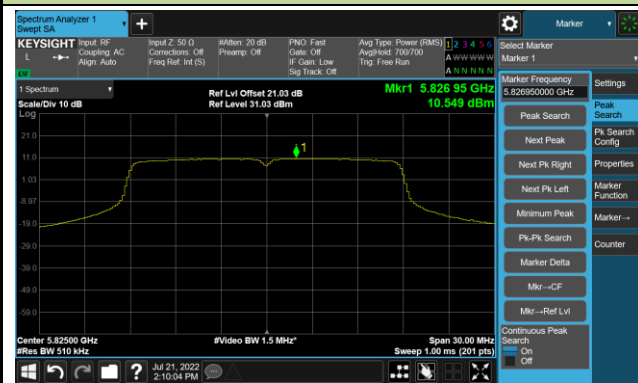
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



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

Channel 38 (5190MHz)



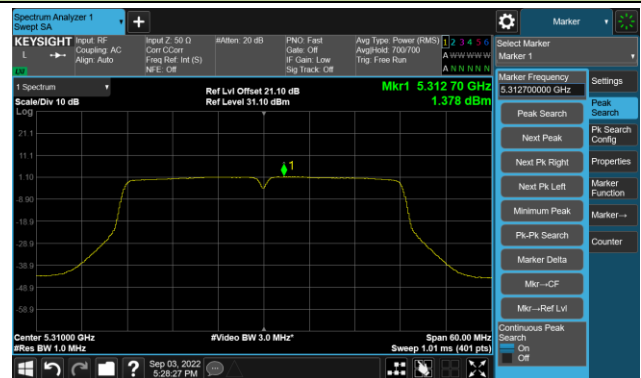
Channel 46 (5230MHz)



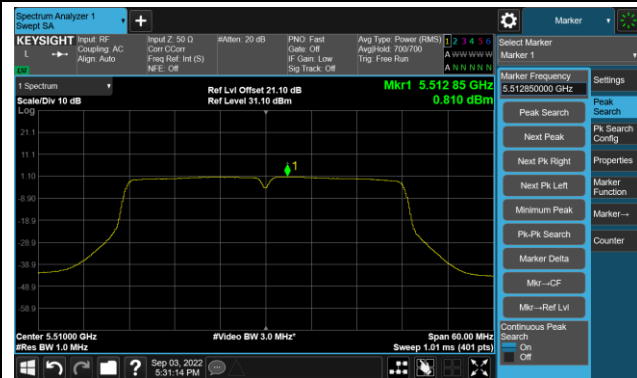
Channel 54 (5270MHz)



Channel 62 (5310MHz)



Channel 102 (5510MHz)

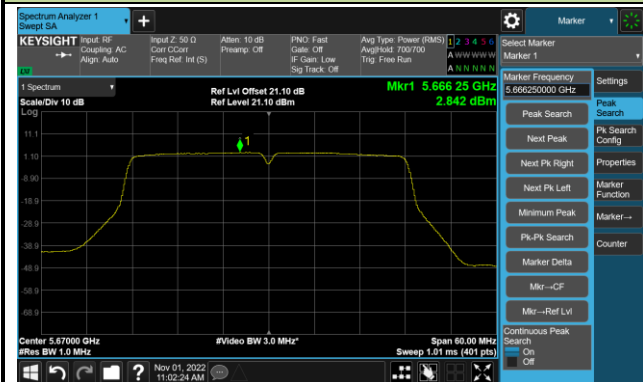


Channel 110 (5550MHz)



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

Channel 134 (5670MHz)



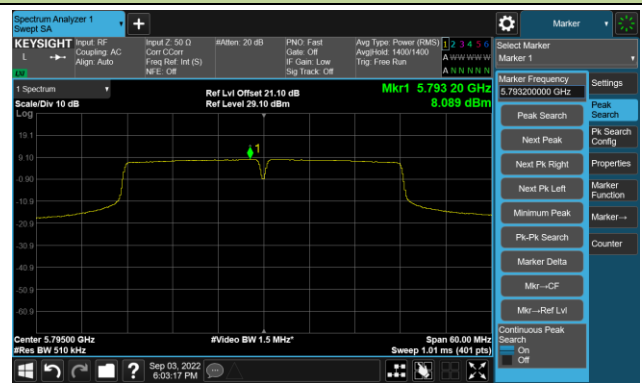
Channel 142(5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)





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

Channel 42 (5210MHz)



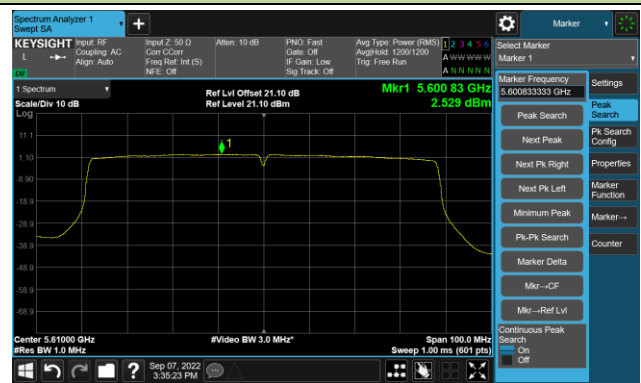
Channel 58 (5290MHz)



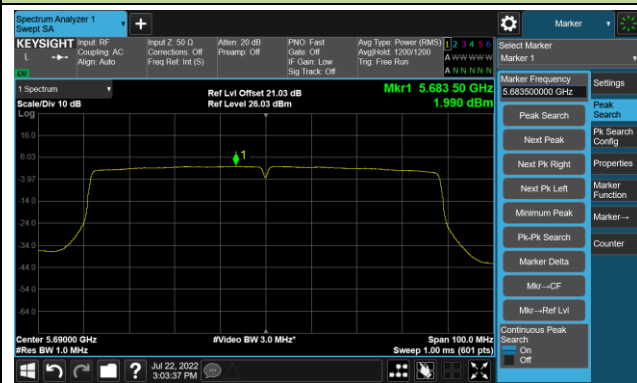
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)

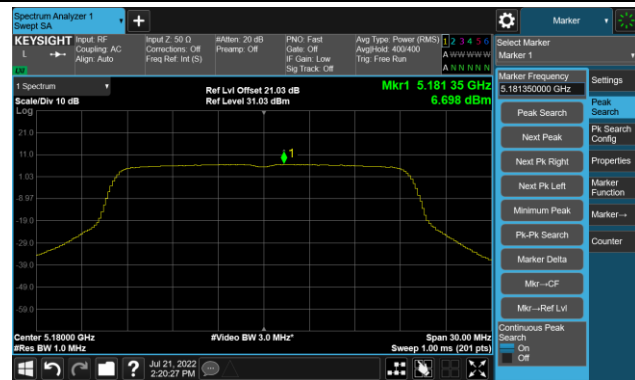


Channel 155 (5775MHz)

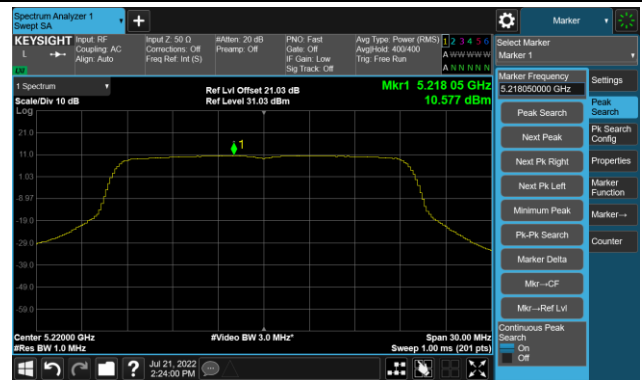


## 802.11ax-HE20 Power Spectral Density- Ant 0

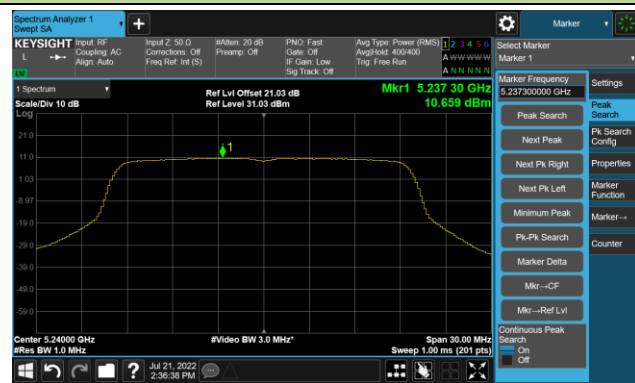
Channel 36 (5180MHz)



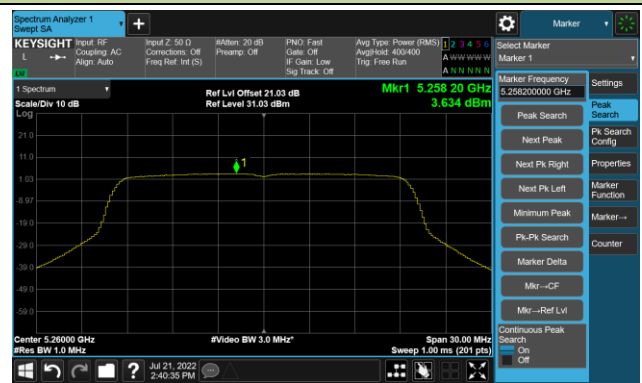
Channel 44 (5220MHz)



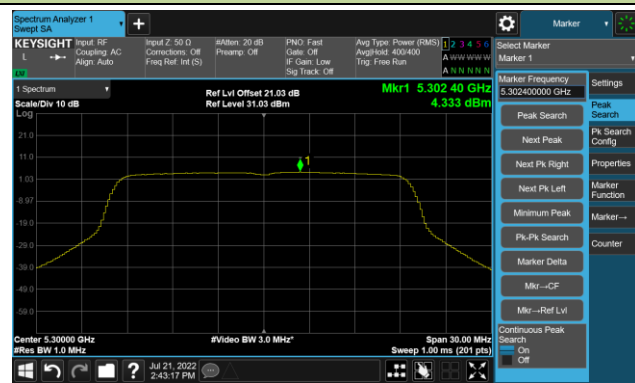
Channel 48 (5240MHz)



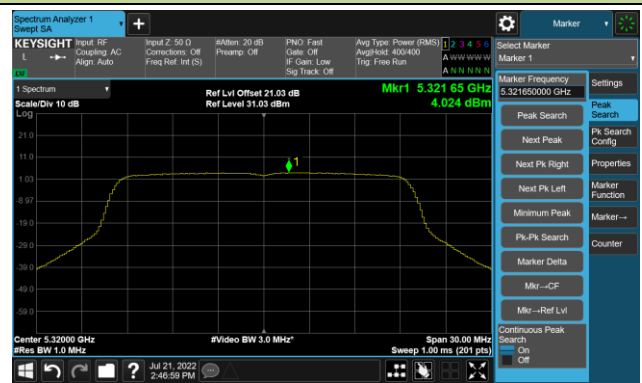
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



## 802.11ax-HE20 Power Spectral Density- Ant 0

Channel 100 (5500MHz)



Channel 116 (5580MHz)



Channel 140 (5700MHz)



Channel 144(5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

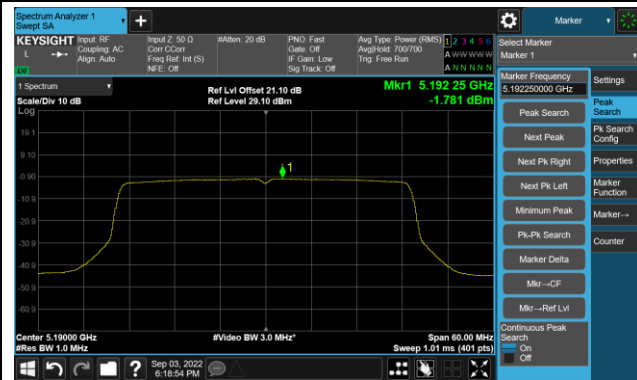


Channel 165 (5825MHz)



## 802.11ax-HE40 Power Spectral Density- Ant 0

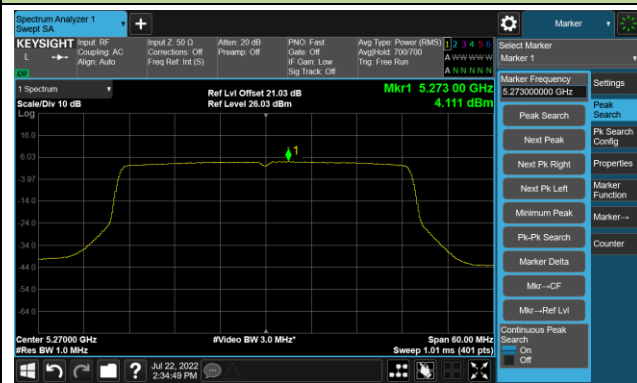
Channel 38 (5190MHz)



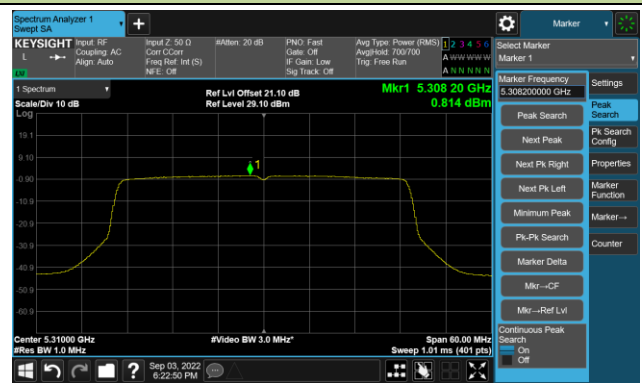
Channel 46 (5230MHz)



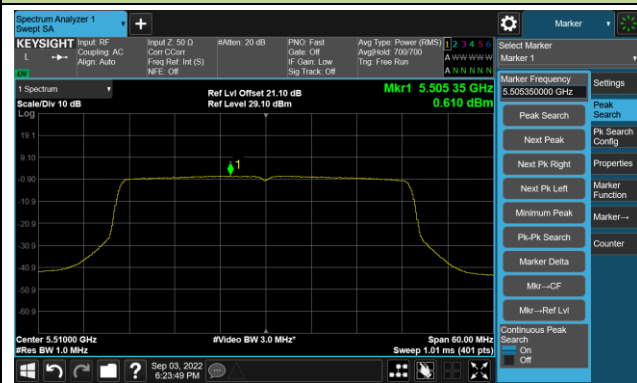
Channel 54 (5270MHz)



Channel 62 (5310MHz)



Channel 102 (5510MHz)

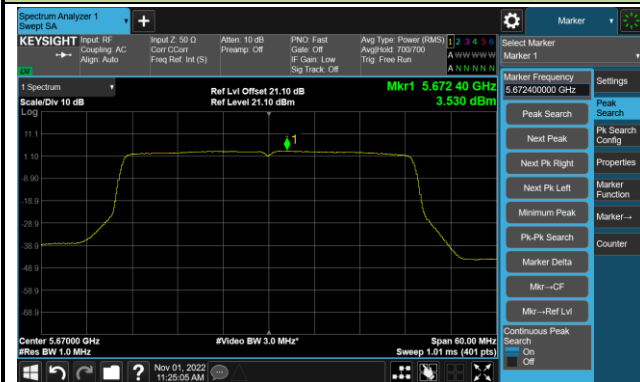


Channel 110 (5550MHz)

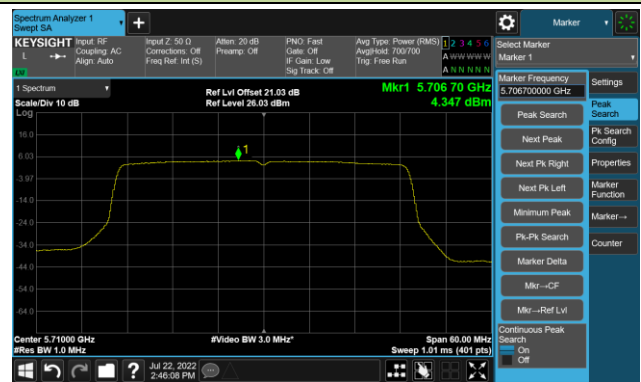


## 802.11ax-HE40 Power Spectral Density- Ant 0

Channel 134 (5670MHz)



Channel 142(5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)

