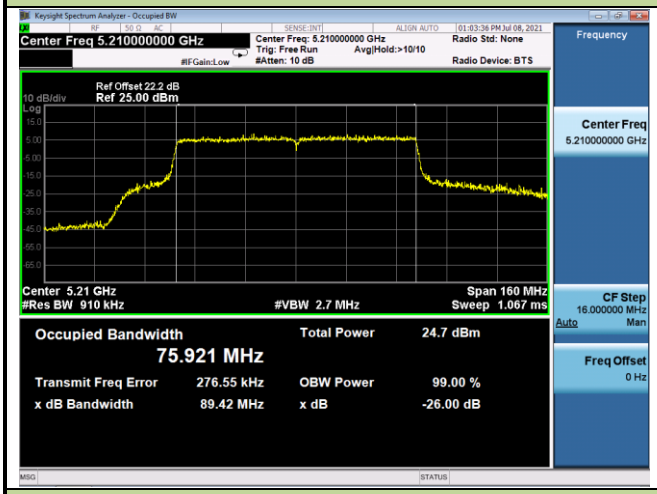
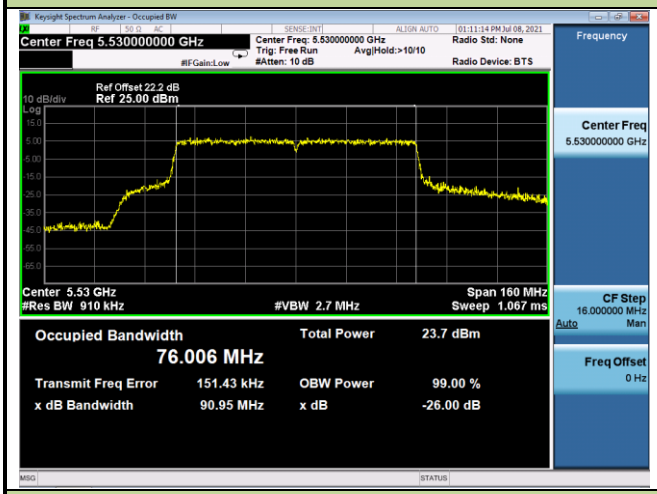
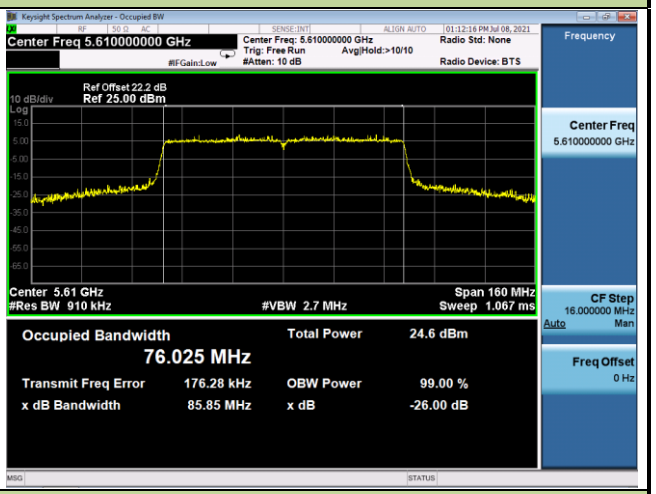
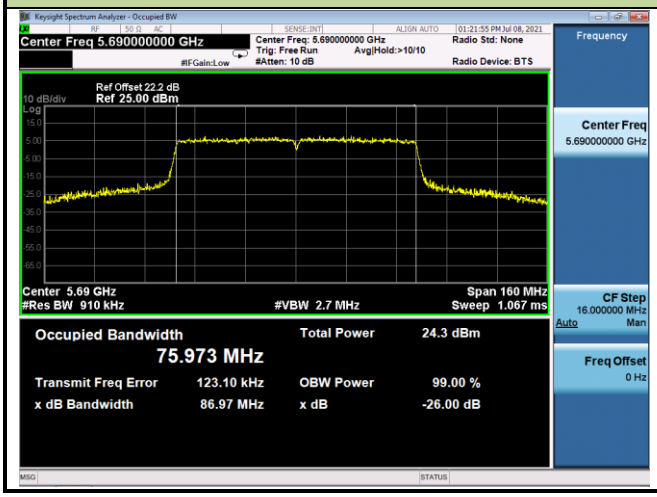
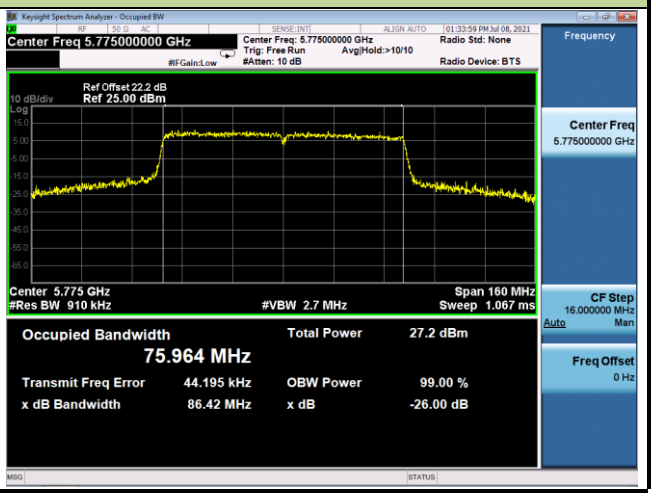
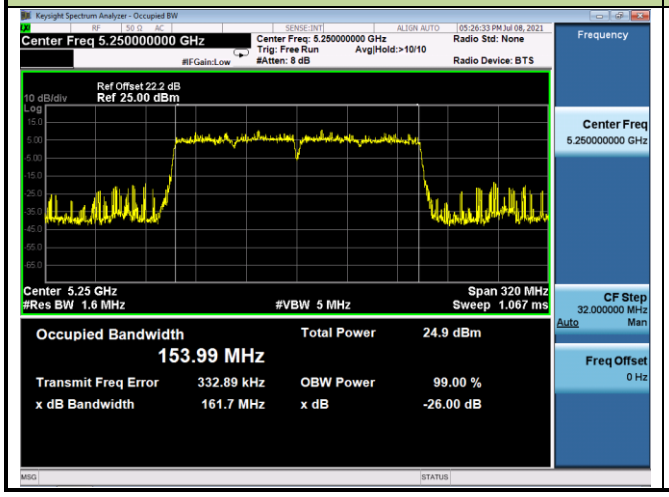
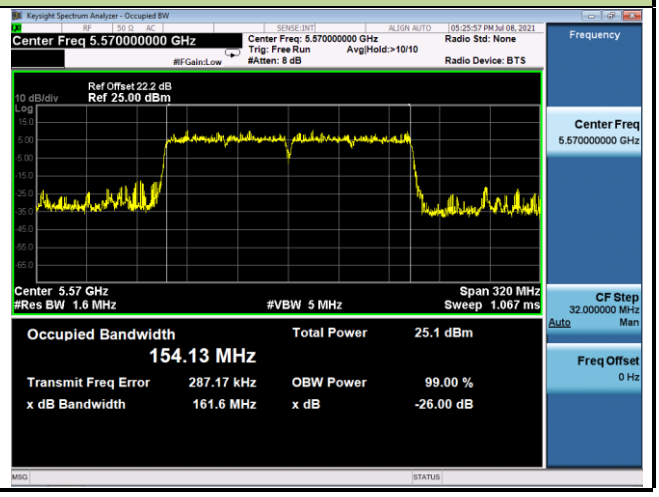
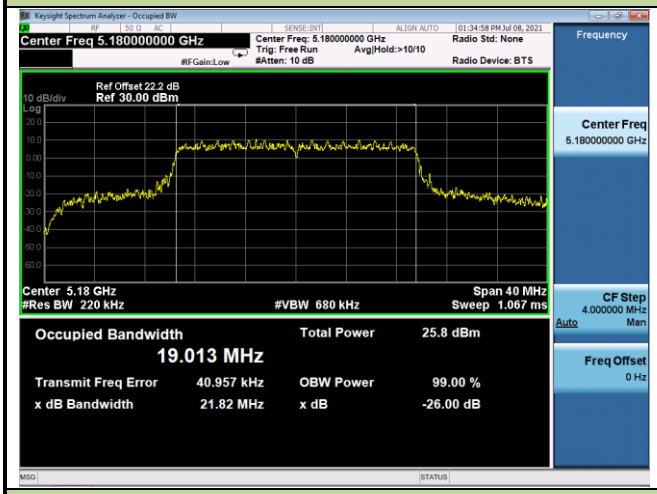
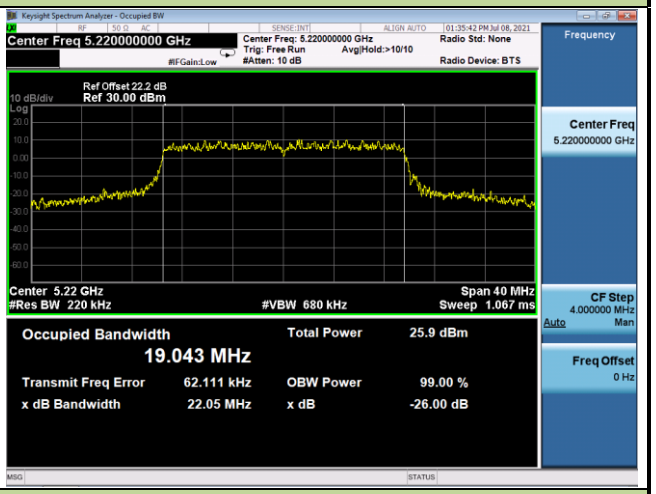
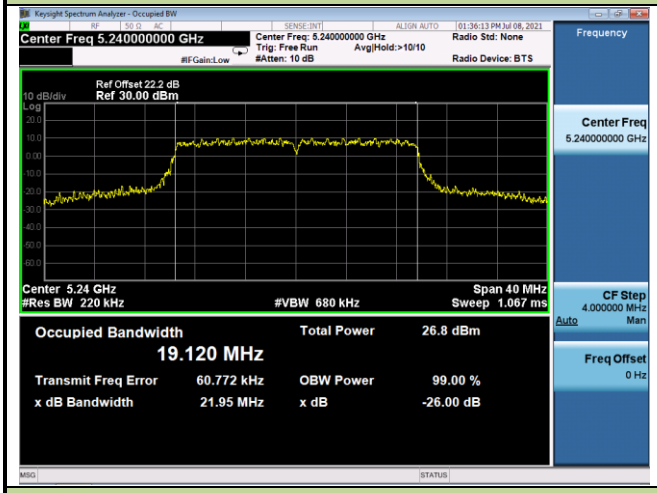
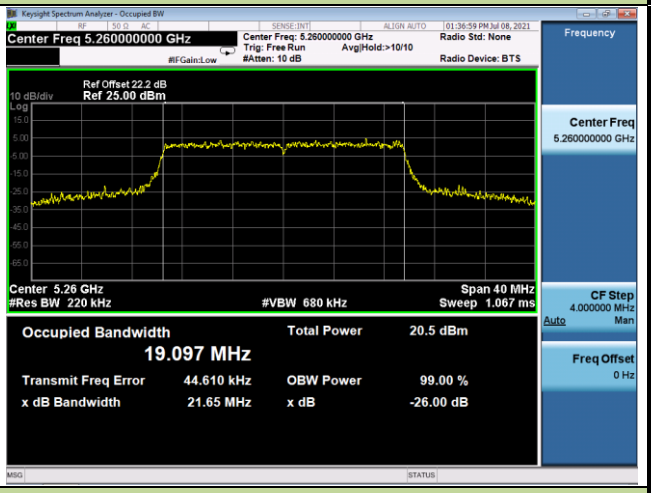
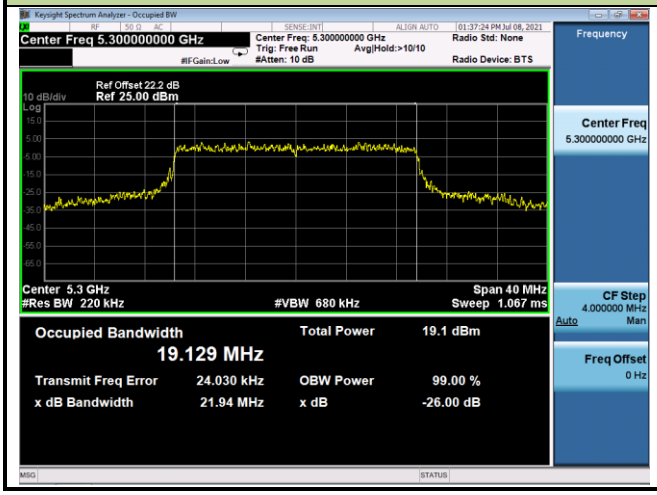
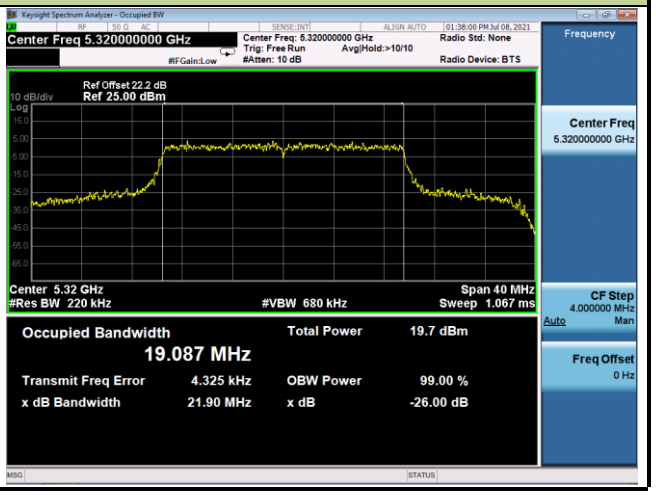
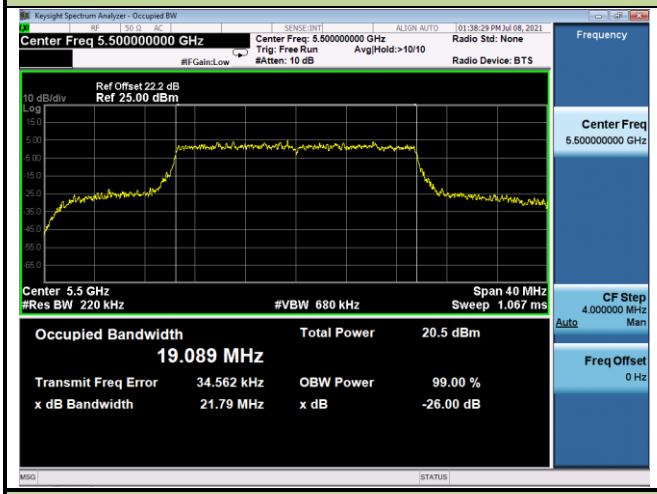
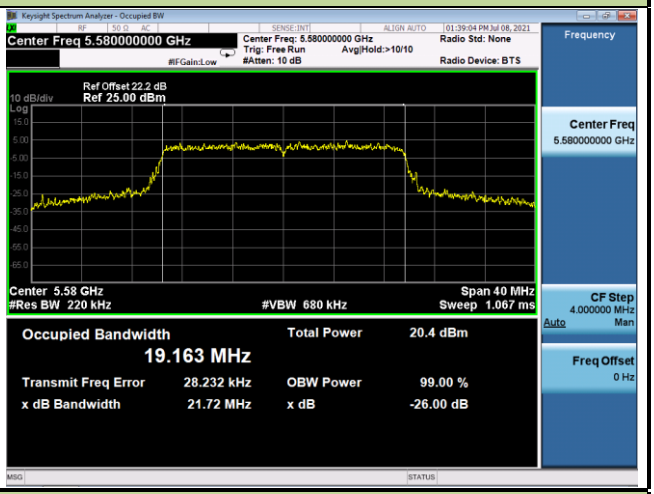
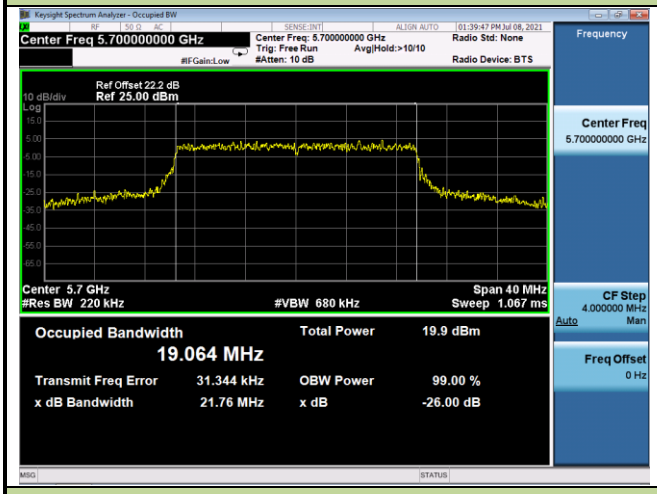
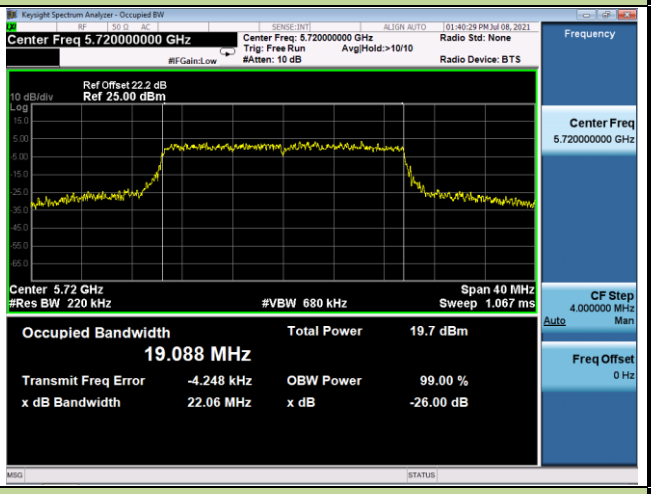
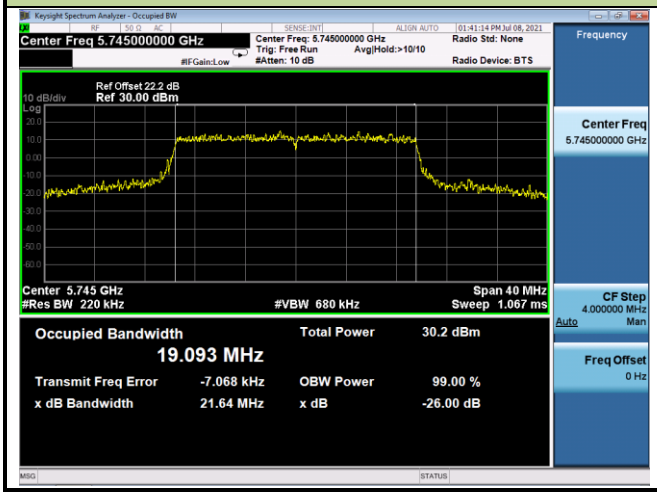
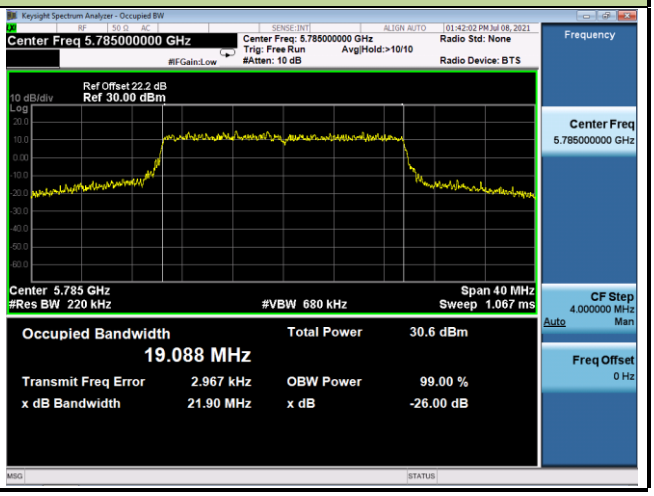
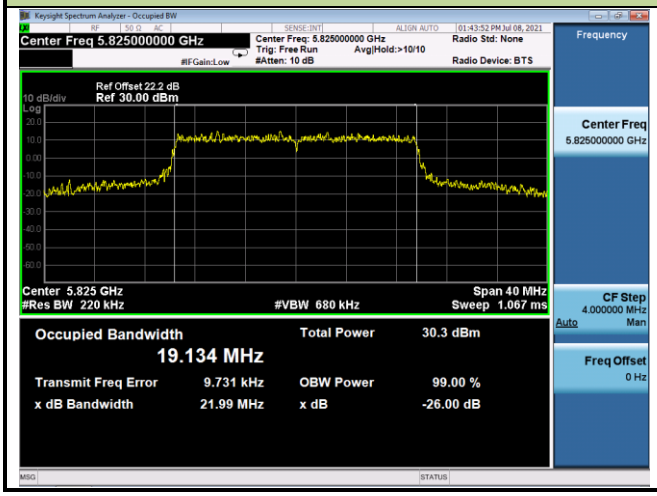
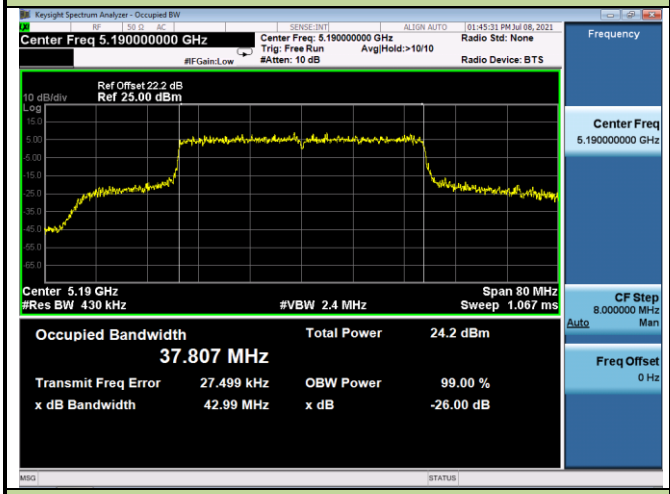
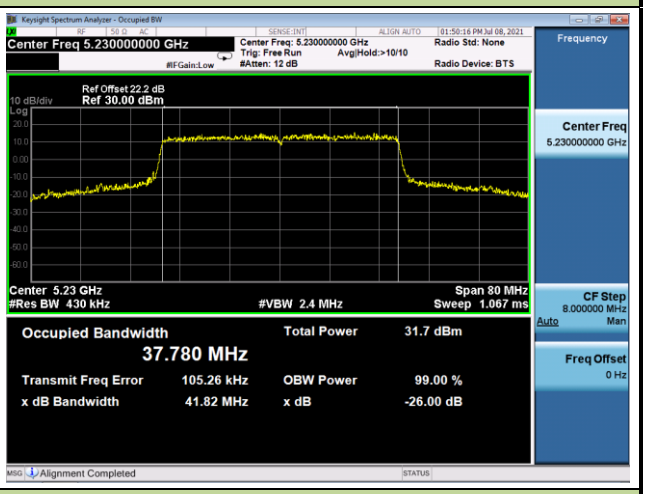
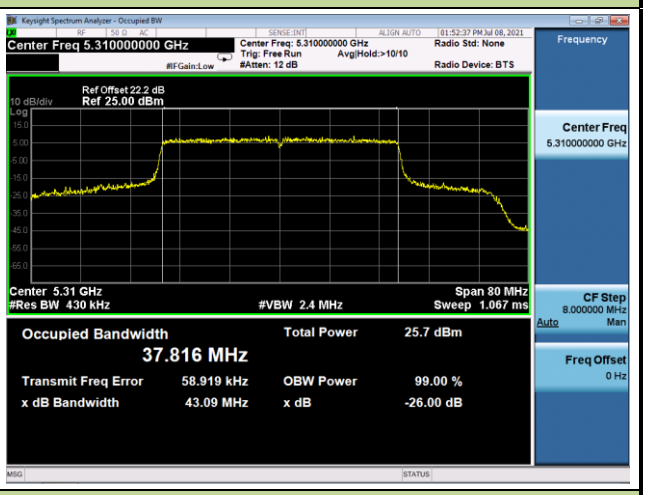
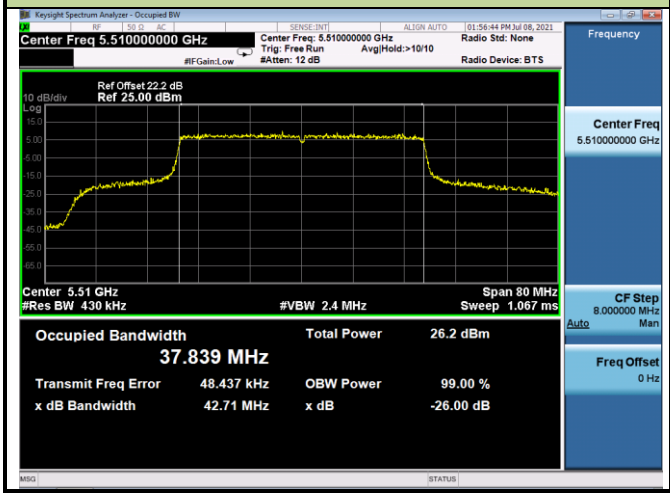
| 802.11ac-VHT80 26dB Bandwidth | |
|---|---|
| Channel 42 (5210MHz) | Channel 58 (5290MHz) |
|  | |
| Channel 106 (5530MHz) | Channel 122 (5610MHz) |
|  |  |
| Channel 138 (5690MHz) | Channel 155 (5775MHz) |
|  |  |

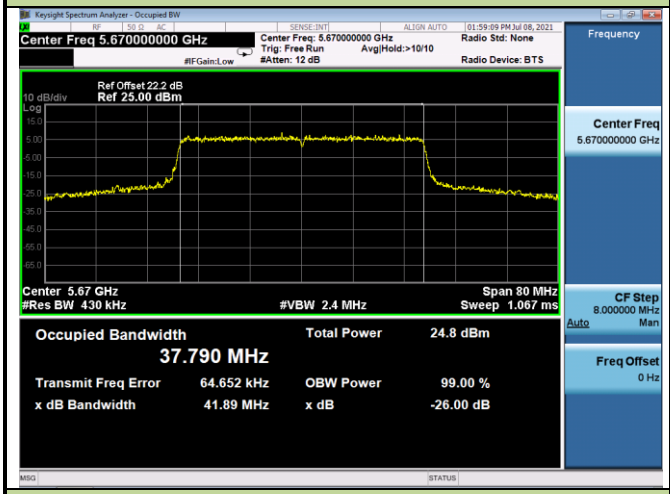
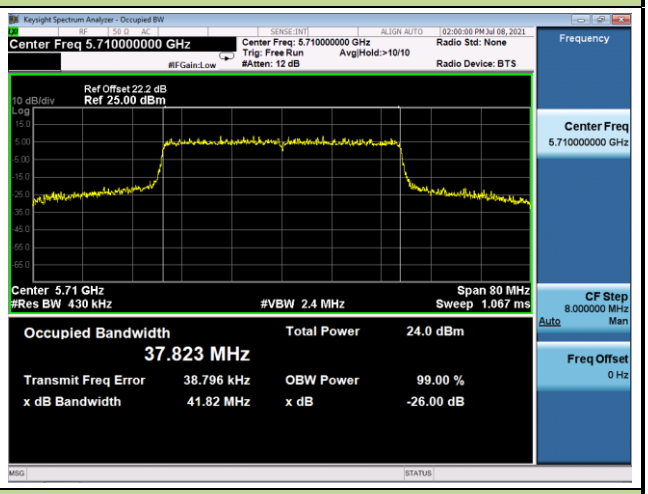
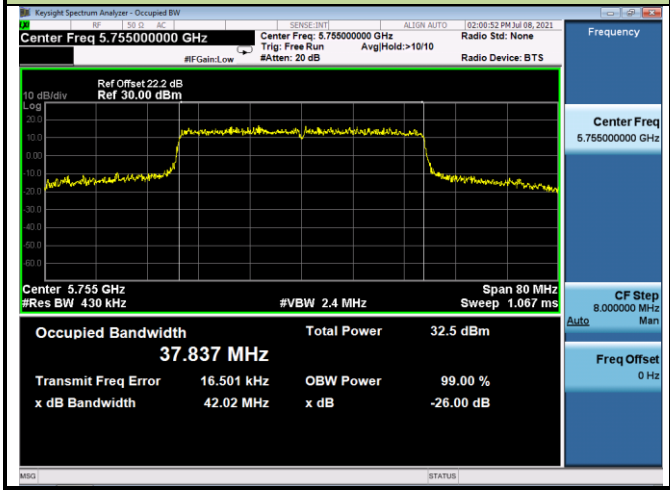
| 802.11ac-VHT160 26dB Bandwidth | |
|---|---|
| Channel 50 (5250MHz) | Channel 114 (5570MHz) |
|  |  |

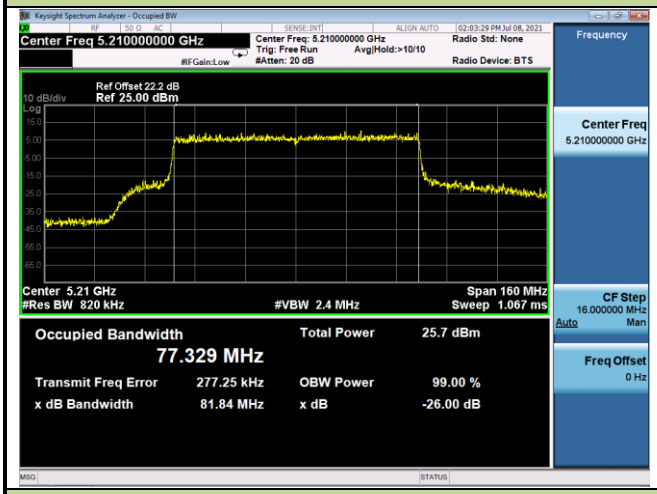
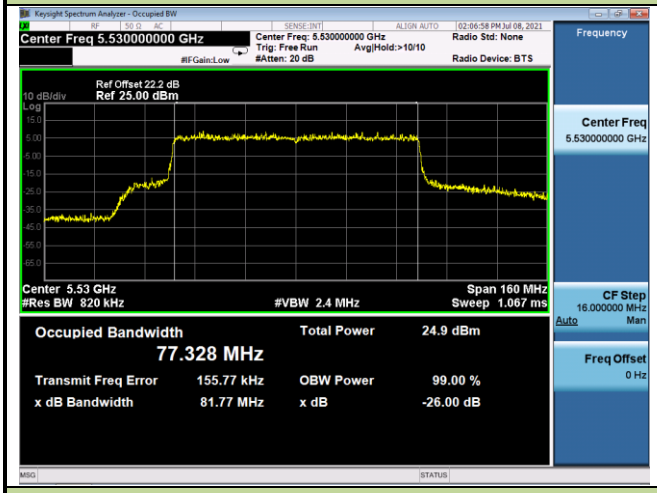
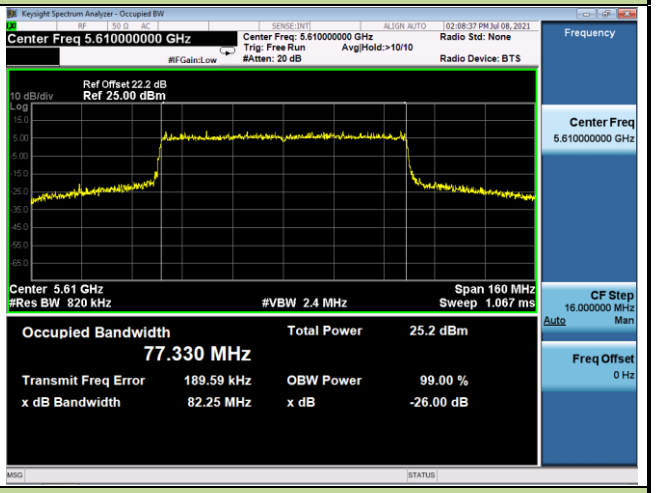
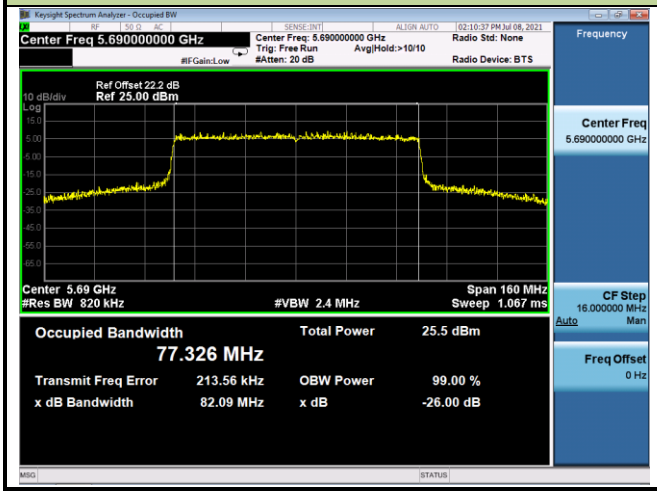
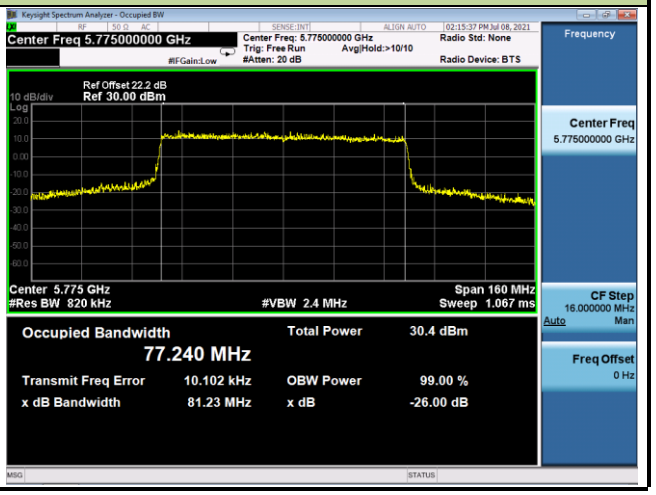
| 802.11ax-HE20 26dB Bandwidth | |
|---|---|
| Channel 36 (5180MHz) | Channel 44 (5220MHz) |
|  |  |
| Channel 48 (5240MHz) | Channel 52 (5260MHz) |
|  |  |
| Channel 60 (5300MHz) | Channel 64 (5320MHz) |
|  |  |

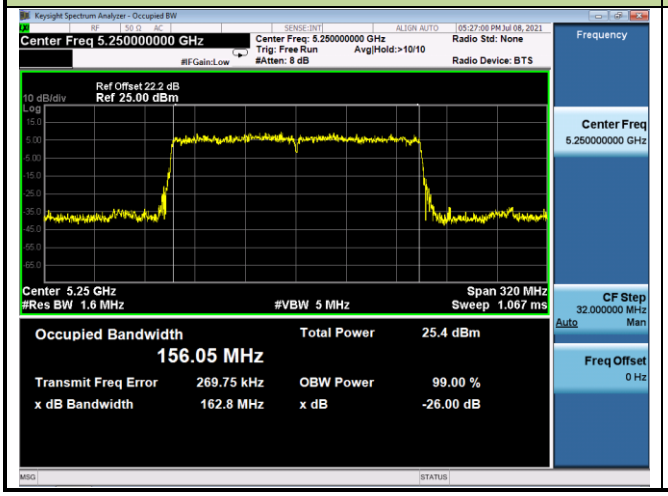
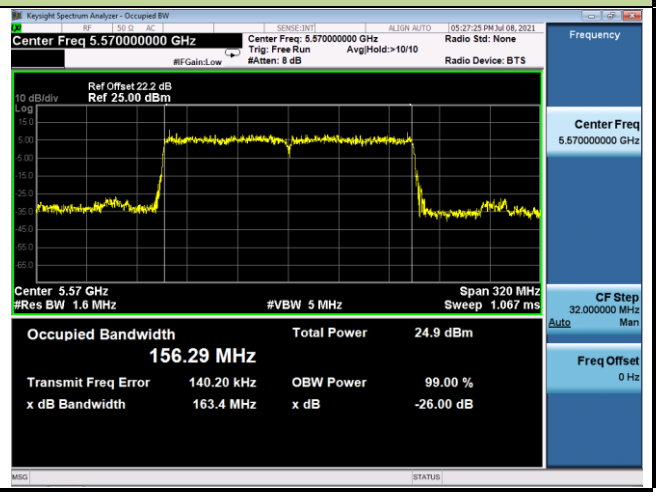
| 802.11ax-HE20 26dB Bandwidth | |
|---|---|
| Channel 100 (5500MHz) | Channel 116 (5580MHz) |
|  |  |
| Channel 140 (5700MHz) | Channel 144(5720MHz) |
|  |  |
| Channel 149 (5745MHz) | Channel 157 (5785MHz) |
|  |  |

| 802.11ax-HE20 26dB Bandwidth | |
|---|---|
| Channel 165 (5825MHz) | |
|  | |

| 802.11ax-HE40 26dB Bandwidth | |
|---|---|
| Channel 38 (5190MHz) | Channel 46 (5230MHz) |
|  |  |
| Channel 54 (5270MHz) | Channel 62 (5310MHz) |
| |  |
| Channel 102 (5510MHz) | Channel 110 (5550MHz) |
|  | |

| 802.11ax-HE40 26dB Bandwidth | |
|---|---|
| Channel 134 (5670MHz) | Channel 142(5710MHz) |
|  |  |
| Channel 151 (5755MHz) | Channel 159 (5795MHz) |
|  | |

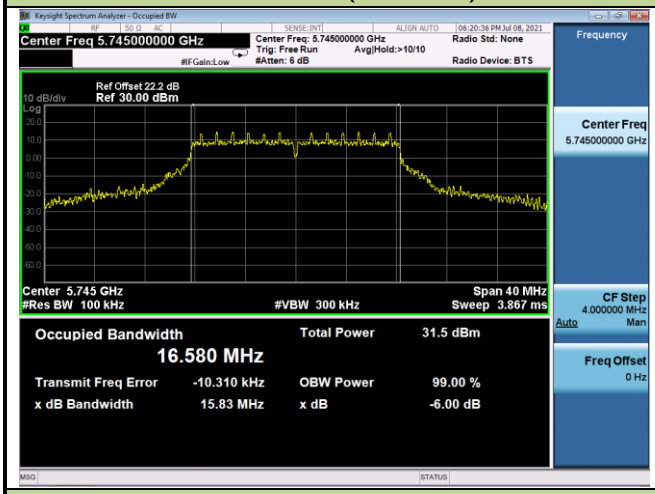
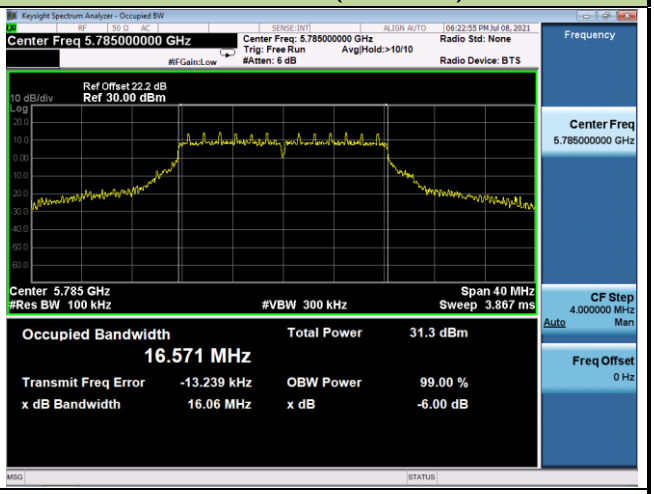
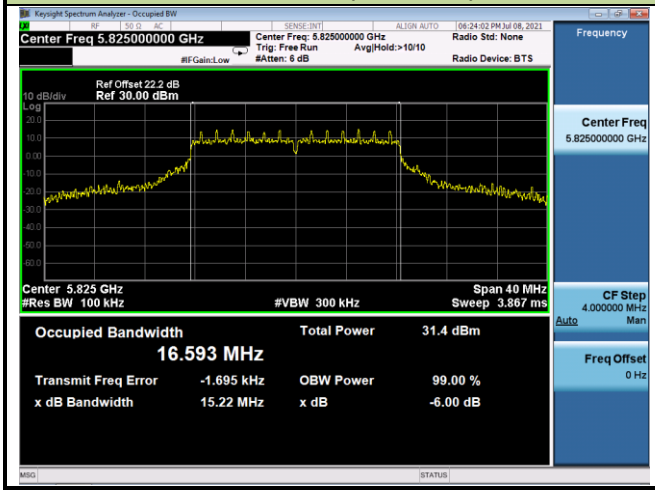
| 802.11ax-HE80 26dB Bandwidth | |
|---|---|
| Channel 42 (5210MHz) | Channel 58 (5290MHz) |
|  | |
| Channel 106 (5530MHz) | Channel 122 (5610MHz) |
|  |  |
| Channel 138 (5690MHz) | Channel 155 (5775MHz) |
|  |  |

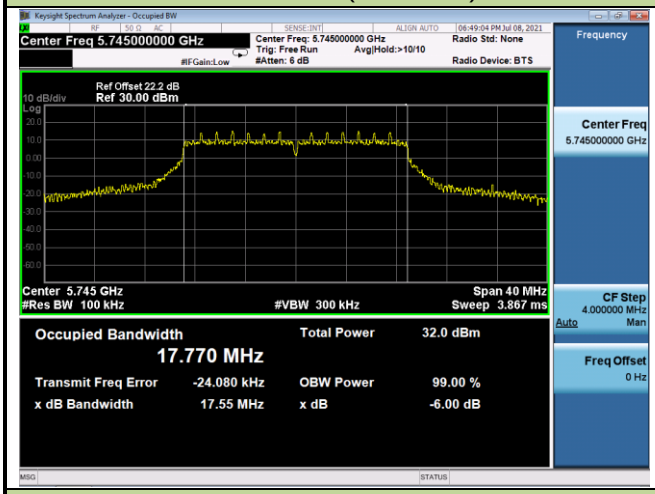
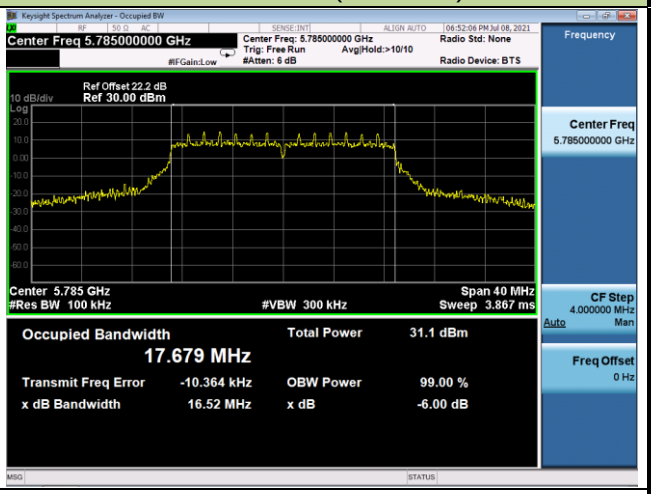
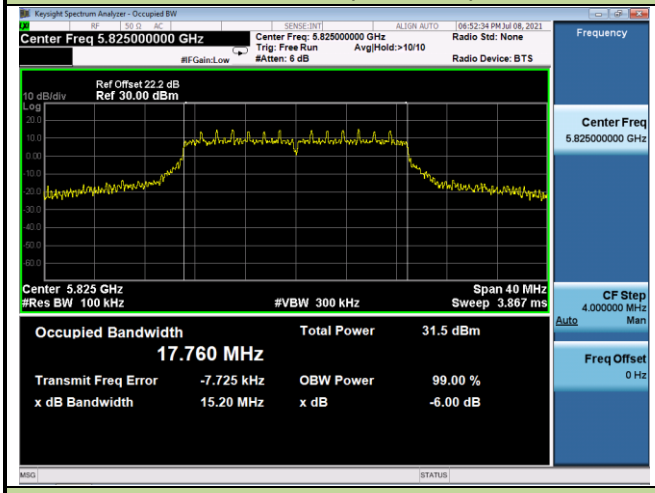
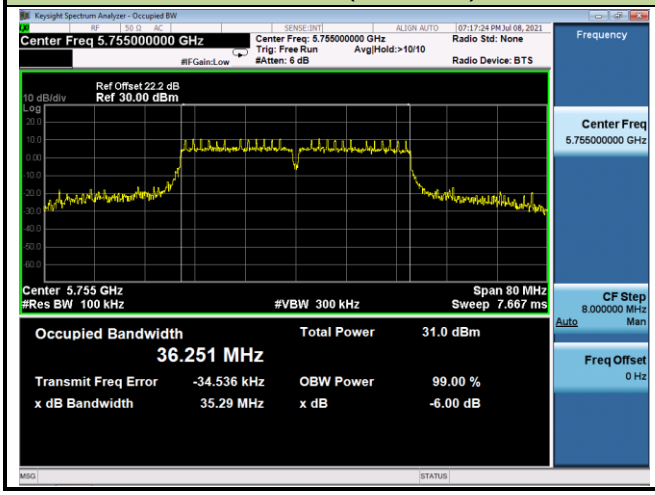
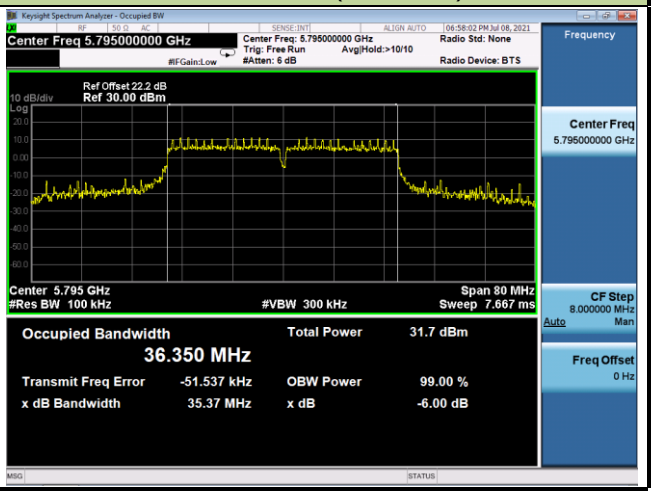
| 802.11ax-HE160 26dB Bandwidth | |
|---|---|
| Channel 50 (5250MHz) | Channel 114 (5570MHz) |
|  |  |

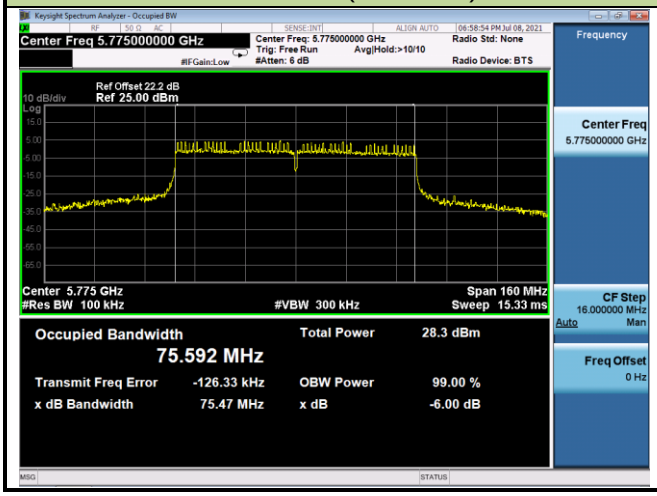
## A.2 6dB Bandwidth Test Result

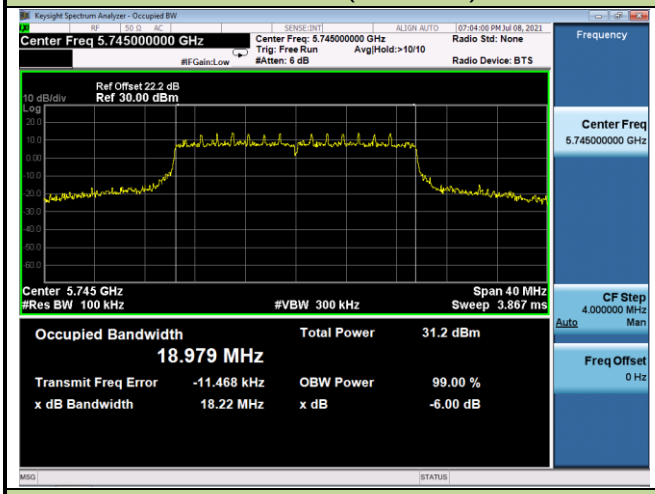
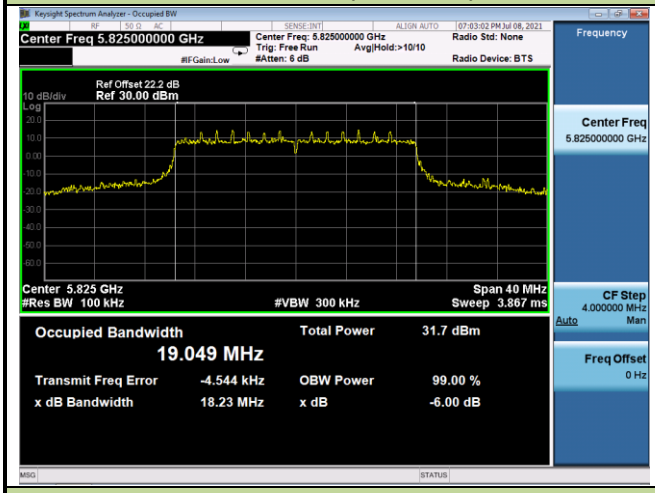
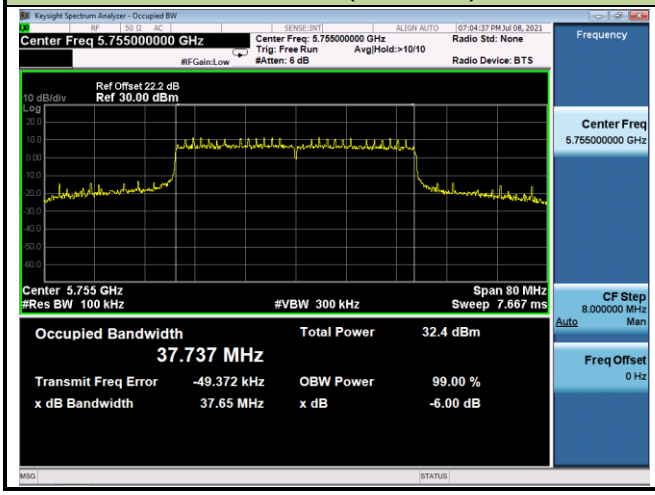
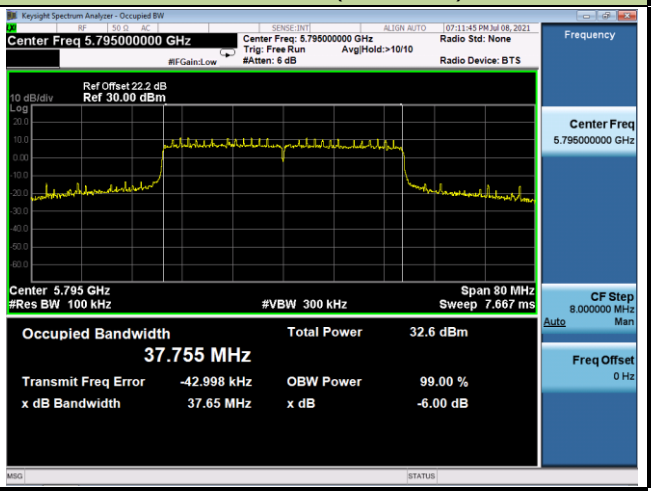
| Test Site | WZ-SR5 | Test Engineer | Luis Yang |
|---|---|---|---|
| Test Date | 2021/07/08 | | |

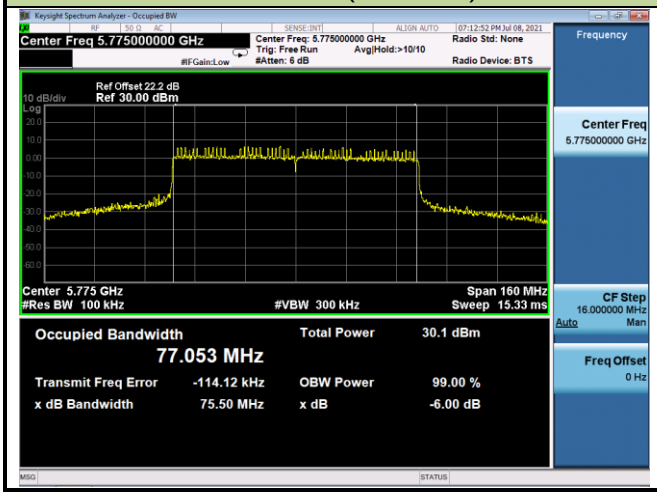
| Test Mode | Data Rate/ MCS | Channel No. | Frequency (MHz) | 6dB Bandwidth (MHz) | Limit (MHz) |
|---|---|---|---|---|---|
| 11a | 6Mbps | 149 | 5745 | 15.83 | ≥0.5 |
| 11a | 6Mbps | 157 | 5785 | 16.06 | ≥0.5 |
| 11a | 6Mbps | 165 | 5825 | 15.22 | ≥0.5 |
| 11ac-VHT20 | MCS0 | 149 | 5745 | 17.55 | ≥0.5 |
| 11ac-VHT20 | MCS0 | 157 | 5785 | 16.52 | ≥0.5 |
| 11ac-VHT20 | MCS0 | 165 | 5825 | 15.20 | ≥0.5 |
| 11ac-VHT40 | MCS0 | 151 | 5755 | 35.29 | ≥0.5 |
| 11ac-VHT40 | MCS0 | 159 | 5795 | 35.37 | ≥0.5 |
| 11ac-VHT80 | MCS0 | 155 | 5775 | 75.47 | ≥0.5 |
| 11ax-HE20 | MCS0 | 149 | 5745 | 18.22 | ≥0.5 |
| 11ax-HE20 | MCS0 | 157 | 5785 | 18.28 | ≥0.5 |
| 11ax-HE20 | MCS0 | 165 | 5825 | 18.23 | ≥0.5 |
| 11ax-HE40 | MCS0 | 151 | 5755 | 37.65 | ≥0.5 |
| 11ax-HE40 | MCS0 | 159 | 5795 | 37.65 | ≥0.5 |
| 11ax-HE80 | MCS0 | 155 | 5775 | 75.50 | ≥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) |
|  |  |

| 802.11ac-VHT80 6dB Bandwidth | |
|---|---|
| Channel 155 (5775MHz) | |
|  | |

| 802.11ax-HE20 6dB Bandwidth | |
|---|---|
| Channel 149 (5745MHz) | Channel 157 (5785MHz) |
|  | |
| Channel 165 (5825MHz) | |
|  | |
| 802.11ac-VHT40 6dB Bandwidth | |
| Channel 151 (5755MHz) | Channel 159 (5795MHz) |
|  |  |

| 802.11ax-HE80 6dB Bandwidth | |
|---|---|
| Channel 155 (5775MHz) | |
|  | |

## A.3 Output Power Test Result

| Test Site | WZ-SR5 | Test Engineer | Luis Yang |
|---|---|---|---|
| Test Date | 2021/06/06~2021/07/15 | | |

| Test Mode | Data Rate MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | | | | Total Average Power (dBm) | Average Power Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | |
| CDD Mode (Nss = 1) | | | | | | | | | |
| 11a | 6Mbps | 36 | 5180 | 19.01 | 19.64 | 19.65 | 19.85 | 25.57 | ≤ 30.00 |
| 11a | 6Mbps | 44 | 5220 | 19.12 | 19.93 | 19.91 | 20.07 | 25.79 | ≤ 30.00 |
| 11a | 6Mbps | 48 | 5240 | 18.78 | 19.63 | 19.54 | 19.82 | 25.48 | ≤ 30.00 |
| 11a | 6Mbps | 52 | 5260 | 12.73 | 13.54 | 13.31 | 13.34 | 19.26 | ≤ 23.98 |
| 11a | 6Mbps | 60 | 5300 | 12.63 | 13.44 | 13.11 | 13.14 | 19.11 | ≤ 23.98 |
| 11a | 6Mbps | 64 | 5320 | 12.57 | 13.44 | 12.81 | 13.13 | 19.02 | ≤ 23.98 |
| 11a | 6Mbps | 100 | 5500 | 13.01 | 13.30 | 13.40 | 13.67 | 19.37 | ≤ 23.98 |
| 11a | 6Mbps | 116 | 5580 | 12.66 | 13.16 | 13.42 | 13.27 | 19.16 | ≤ 23.98 |
| 11a | 6Mbps | 140 | 5700 | 12.48 | 13.49 | 13.31 | 13.29 | 19.18 | ≤ 23.98 |
| 11a | 6Mbps | 144 | 5720 | 12.50 | 13.40 | 13.16 | 13.46 | 19.17 | ≤ 22.98 |
| 11a | 6Mbps | 149 | 5745 | 22.89 | 23.65 | 23.84 | 23.94 | 29.62 | ≤ 30.00 |
| 11a | 6Mbps | 157 | 5785 | 23.14 | 23.75 | 23.56 | 23.62 | 29.54 | ≤ 30.00 |
| 11a | 6Mbps | 165 | 5825 | 23.24 | 23.21 | 23.85 | 23.69 | 29.53 | ≤ 30.00 |
| 11ac-VHT20 | MCS0 | 36 | 5180 | 18.89 | 19.45 | 19.27 | 19.68 | 25.35 | ≤ 30.00 |
| 11ac-VHT20 | MCS0 | 44 | 5220 | 18.90 | 19.80 | 19.46 | 19.77 | 25.52 | ≤ 30.00 |
| 11ac-VHT20 | MCS0 | 48 | 5240 | 18.56 | 19.41 | 19.23 | 19.56 | 25.23 | ≤ 30.00 |
| 11ac-VHT20 | MCS0 | 52 | 5260 | 12.50 | 12.90 | 13.02 | 12.81 | 18.83 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 60 | 5300 | 12.24 | 13.01 | 12.99 | 12.82 | 18.80 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 64 | 5320 | 12.12 | 13.03 | 12.87 | 12.58 | 18.68 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 100 | 5500 | 12.41 | 12.73 | 12.94 | 12.89 | 18.77 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 116 | 5580 | 12.02 | 12.49 | 12.85 | 12.42 | 18.48 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 140 | 5700 | 12.02 | 12.91 | 12.65 | 12.82 | 18.63 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 144 | 5720 | 12.16 | 12.94 | 12.78 | 13.13 | 18.79 | ≤ 23.00 |
| 11ac-VHT20 | MCS0 | 149 | 5745 | 22.83 | 23.86 | 23.81 | 24.02 | 29.67 | ≤ 30.00 |
| 11ac-VHT20 | MCS0 | 157 | 5785 | 23.03 | 23.50 | 23.35 | 23.86 | 29.47 | ≤ 30.00 |
| 11ac-VHT20 | MCS0 | 165 | 5825 | 23.39 | 23.19 | 23.72 | 23.3 | 29.43 | ≤ 30.00 |

| Test Mode | Data Rate MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | | | | Total Average Power (dBm) | Average Power Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | |
| CDD Mode (Nss = 1) | | | | | | | | | |
| 11ac-VHT40 | MCS0 | 38 | 5190 | 16.41 | 17.56 | 17.32 | 17.45 | 23.23 | ≤ 30.00 |
| 11ac-VHT40 | MCS0 | 46 | 5230 | 21.31 | 22.26 | 22.10 | 22.25 | 28.02 | ≤ 30.00 |
| 11ac-VHT40 | MCS0 | 54 | 5270 | 15.12 | 15.93 | 15.93 | 16.02 | 21.79 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 62 | 5310 | 15.05 | 15.75 | 15.62 | 15.85 | 21.60 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 102 | 5510 | 15.57 | 16.02 | 16.06 | 16.14 | 21.97 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 110 | 5550 | 15.63 | 15.66 | 15.94 | 15.83 | 21.79 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 134 | 5670 | 15.71 | 16.12 | 16.02 | 15.81 | 21.94 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 142 | 5710 | 15.33 | 15.87 | 15.79 | 15.93 | 21.76 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 151 | 5755 | 22.23 | 23.21 | 22.63 | 23.10 | 28.83 | ≤ 30.00 |
| 11ac-VHT40 | MCS0 | 159 | 5795 | 23.49 | 24.02 | 23.63 | 23.96 | 29.80 | ≤ 30.00 |
| 11ac-VHT80 | MCS0 | 42 | 5210 | 16.23 | 17.07 | 16.89 | 17.36 | 22.93 | ≤ 30.00 |
| 11ac-VHT80 | MCS0 | 58 | 5290 | 17.08 | 17.93 | 17.79 | 17.93 | 23.72 | ≤ 23.98 |
| 11ac-VHT80 | MCS0 | 106 | 5530 | 17.57 | 17.63 | 17.76 | 17.81 | 23.71 | ≤ 23.98 |
| 11ac-VHT80 | MCS0 | 122 | 5610 | 18.22 | 18.00 | 17.63 | 17.45 | 23.86 | ≤ 23.98 |
| 11ac-VHT80 | MCS0 | 138 | 5690 | 17.31 | 17.80 | 17.74 | 17.60 | 23.64 | ≤ 23.98 |
| 11ac-VHT80 | MCS0 | 155 | 5775 | 19.49 | 19.65 | 19.08 | 19.72 | 25.51 | ≤ 30.00 |
| 11ac-VHT160 | MCS0 | 50 | 5250 | 14.10 | 14.88 | 14.69 | 14.92 | 20.68 | ≤ 23.98 |
| 11ac-VHT160 | MCS0 | 114 | 5570 | 12.03 | 13.05 | 12.95 | 12.98 | 18.79 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 36 | 5180 | 19.09 | 20.09 | 19.74 | 20.06 | 25.78 | ≤ 30.00 |
| 11ax-HE20 | MCS0 | 44 | 5220 | 18.82 | 19.91 | 19.80 | 19.84 | 25.64 | ≤ 30.00 |
| 11ax-HE20 | MCS0 | 48 | 5240 | 18.84 | 19.82 | 19.71 | 19.89 | 25.61 | ≤ 30.00 |
| 11ax-HE20 | MCS0 | 52 | 5260 | 13.38 | 13.87 | 14.00 | 13.81 | 19.79 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 60 | 5300 | 13.05 | 13.92 | 13.64 | 13.65 | 19.60 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 64 | 5320 | 13.25 | 13.83 | 13.65 | 13.72 | 19.64 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 100 | 5500 | 13.58 | 13.73 | 14.05 | 14.22 | 19.92 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 116 | 5580 | 13.40 | 13.78 | 14.31 | 13.77 | 19.85 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 140 | 5700 | 13.20 | 13.99 | 13.83 | 13.94 | 19.77 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 144 | 5720 | 13.18 | 13.81 | 13.78 | 14.02 | 19.73 | ≤ 23.05 |
| 11ax-HE20 | MCS0 | 149 | 5745 | 22.59 | 23.87 | 23.73 | 23.85 | 29.56 | ≤ 30.00 |
| 11ax-HE20 | MCS0 | 157 | 5785 | 23.31 | 23.88 | 23.68 | 23.91 | 29.72 | ≤ 30.00 |
| 11ax-HE20 | MCS0 | 165 | 5825 | 23.37 | 23.44 | 23.77 | 23.57 | 29.56 | ≤ 30.00 |

| Test Mode | Data Rate MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | | | | Total Average Power (dBm) | Average Power Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | |
| CDD Mode (Nss = 1) | | | | | | | | | |
| 11ax-HE40 | MCS0 | 38 | 5190 | 16.92 | 17.98 | 17.79 | 17.83 | 23.67 | ≤ 30.00 |
| 11ax-HE40 | MCS0 | 46 | 5230 | 21.90 | 22.73 | 22.58 | 22.74 | 28.52 | ≤ 30.00 |
| 11ax-HE40 | MCS0 | 54 | 5270 | 16.02 | 16.75 | 16.79 | 16.81 | 22.63 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 62 | 5310 | 15.67 | 16.73 | 16.52 | 16.68 | 22.44 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 102 | 5510 | 16.24 | 16.70 | 16.76 | 16.96 | 22.69 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 110 | 5550 | 16.18 | 16.53 | 16.79 | 16.70 | 22.58 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 134 | 5670 | 16.08 | 16.85 | 16.86 | 16.63 | 22.64 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 142 | 5710 | 15.71 | 16.61 | 16.93 | 16.82 | 22.56 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 151 | 5755 | 23.12 | 24.22 | 24.07 | 23.80 | 29.84 | ≤ 30.00 |
| 11ax-HE40 | MCS0 | 159 | 5795 | 23.35 | 24.21 | 23.59 | 23.49 | 29.69 | ≤ 30.00 |
| 11ax-HE80 | MCS0 | 42 | 5210 | 17.25 | 18.13 | 18.21 | 17.95 | 23.92 | ≤ 30.00 |
| 11ax-HE80 | MCS0 | 58 | 5290 | 17.34 | 18.13 | 17.95 | 17.82 | 23.84 | ≤ 23.98 |
| 11ax-HE80 | MCS0 | 106 | 5530 | 17.63 | 17.93 | 17.98 | 17.84 | 23.87 | ≤ 23.98 |
| 11ax-HE80 | MCS0 | 122 | 5610 | 18.18 | 17.91 | 17.53 | 17.38 | 23.78 | ≤ 23.98 |
| 11ax-HE80 | MCS0 | 138 | 5690 | 17.51 | 18.07 | 17.84 | 17.98 | 23.88 | ≤ 23.98 |
| 11ax-HE80 | MCS0 | 155 | 5775 | 21.46 | 22.15 | 21.66 | 21.85 | 27.81 | ≤ 30.00 |
| 11ax-HE160 | MCS0 | 50 | 5250 | 14.45 | 15.14 | 14.95 | 15.22 | 20.97 | ≤ 23.98 |
| 11ax-HE160 | MCS0 | 114 | 5570 | 13.78 | 14.52 | 14.45 | 14.30 | 20.29 | ≤ 23.98 |

Note 1: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)} + 10^{(\text{Ant 2 Average Power }/10)} + 10^{(\text{Ant 3 Average Power }/10)}\}$.

Note 2: For 5720MHz, Average Power Limit =11+10*log(5+26dBc/2).

| Test Site | WZ-SR5 | Test Engineer | Luis Yang |
|---|---|---|---|
| Test Date | 2021/06/06~2021/07/15 | | |

| Test Mode | Data Rate MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | | | | Total Average Power (dBm) | Average Power Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | |
| Beamforming Mode (Nss = 1) | | | | | | | | | |
| 11ac-VHT20 | MCS0 | 36 | 5180 | 18.89 | 19.45 | 19.27 | 19.68 | 25.35 | ≤ 27.98 |
| 11ac-VHT20 | MCS0 | 44 | 5220 | 18.90 | 19.80 | 19.46 | 19.77 | 25.52 | ≤ 27.98 |
| 11ac-VHT20 | MCS0 | 48 | 5240 | 18.56 | 19.41 | 19.23 | 19.56 | 25.23 | ≤ 27.98 |
| 11ac-VHT20 | MCS0 | 52 | 5260 | 12.50 | 12.90 | 13.02 | 12.81 | 18.83 | ≤ 21.74 |
| 11ac-VHT20 | MCS0 | 60 | 5300 | 12.24 | 13.01 | 12.99 | 12.82 | 18.80 | ≤ 21.74 |
| 11ac-VHT20 | MCS0 | 64 | 5320 | 12.12 | 13.03 | 12.87 | 12.58 | 18.68 | ≤ 21.74 |
| 11ac-VHT20 | MCS0 | 100 | 5500 | 12.41 | 12.73 | 12.94 | 12.89 | 18.77 | ≤ 21.85 |
| 11ac-VHT20 | MCS0 | 116 | 5580 | 12.02 | 12.49 | 12.85 | 12.42 | 18.48 | ≤ 21.85 |
| 11ac-VHT20 | MCS0 | 140 | 5700 | 12.02 | 12.91 | 12.65 | 12.82 | 18.63 | ≤ 21.85 |
| 11ac-VHT20 | MCS0 | 144 | 5720 | 12.16 | 12.94 | 12.78 | 13.13 | 18.79 | ≤ 20.87 |
| 11ac-VHT20 | MCS0 | 149 | 5745 | 21.30 | 22.02 | 21.90 | 22.18 | 27.88 | ≤ 28.03 |
| 11ac-VHT20 | MCS0 | 157 | 5785 | 21.66 | 21.72 | 21.32 | 21.80 | 27.65 | ≤ 28.03 |
| 11ac-VHT20 | MCS0 | 165 | 5825 | 21.71 | 21.10 | 21.65 | 21.35 | 27.48 | ≤ 28.03 |
| 11ac-VHT40 | MCS0 | 38 | 5190 | 16.41 | 17.56 | 17.32 | 17.45 | 23.23 | ≤ 27.98 |
| 11ac-VHT40 | MCS0 | 46 | 5230 | 21.31 | 22.26 | 22.10 | 22.25 | 28.02 | ≤ 27.98 |
| 11ac-VHT40 | MCS0 | 54 | 5270 | 15.12 | 15.93 | 15.93 | 16.02 | 21.79 | ≤ 21.74 |
| 11ac-VHT40 | MCS0 | 62 | 5310 | 15.05 | 15.75 | 15.62 | 15.85 | 21.60 | ≤ 21.74 |
| 11ac-VHT40 | MCS0 | 102 | 5510 | 15.57 | 16.02 | 16.06 | 16.14 | 21.97 | ≤ 21.85 |
| 11ac-VHT40 | MCS0 | 110 | 5550 | 15.63 | 15.66 | 15.94 | 15.83 | 21.79 | ≤ 21.85 |
| 11ac-VHT40 | MCS0 | 134 | 5670 | 15.71 | 16.12 | 16.02 | 15.81 | 21.94 | ≤ 21.85 |
| 11ac-VHT40 | MCS0 | 142 | 5710 | 15.33 | 15.87 | 15.79 | 15.93 | 21.76 | ≤ 21.85 |
| 11ac-VHT40 | MCS0 | 151 | 5755 | 21.43 | 22.02 | 21.73 | 22.03 | 27.83 | ≤ 28.03 |
| 11ac-VHT40 | MCS0 | 159 | 5795 | 21.68 | 21.90 | 21.36 | 21.43 | 27.62 | ≤ 28.03 |
| 11ac-VHT80 | MCS0 | 42 | 5210 | 16.23 | 17.07 | 16.89 | 17.36 | 22.93 | ≤ 27.98 |
| 11ac-VHT80 | MCS0 | 58 | 5290 | 17.08 | 17.93 | 17.79 | 17.93 | 23.72 | ≤ 21.74 |
| 11ac-VHT80 | MCS0 | 106 | 5530 | 17.57 | 17.63 | 17.76 | 17.81 | 23.71 | ≤ 21.85 |
| 11ac-VHT80 | MCS0 | 122 | 5610 | 18.22 | 18.00 | 17.63 | 17.45 | 23.86 | ≤ 21.85 |
| 11ac-VHT80 | MCS0 | 138 | 5690 | 17.31 | 17.80 | 17.74 | 17.60 | 23.64 | ≤ 21.85 |
| 11ac-VHT80 | MCS0 | 155 | 5775 | 19.49 | 19.65 | 19.08 | 19.72 | 25.51 | ≤ 28.03 |

| Test Mode | Data Rate MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | | | | Total Average Power (dBm) | Average Power Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | |
| Beamforming Mode (Nss = 1) | | | | | | | | | |
| 11ac-VHT160 | MCS0 | 50 | 5250 | 14.10 | 14.88 | 14.69 | 14.92 | 20.68 | ≤ 21.74 |
| 11ac-VHT160 | MCS0 | 114 | 5570 | 12.03 | 13.05 | 12.95 | 12.98 | 18.79 | ≤ 21.85 |
| 11ax-HE20 | MCS0 | 36 | 5180 | 19.09 | 20.09 | 19.74 | 20.06 | 25.78 | ≤ 27.98 |
| 11ax-HE20 | MCS0 | 44 | 5220 | 18.82 | 19.91 | 19.80 | 19.84 | 25.64 | ≤ 27.98 |
| 11ax-HE20 | MCS0 | 48 | 5240 | 18.84 | 19.82 | 19.71 | 19.89 | 25.61 | ≤ 27.98 |
| 11ax-HE20 | MCS0 | 52 | 5260 | 13.38 | 13.87 | 14.00 | 13.81 | 19.79 | ≤ 21.74 |
| 11ax-HE20 | MCS0 | 60 | 5300 | 13.05 | 13.92 | 13.64 | 13.65 | 19.60 | ≤ 21.74 |
| 11ax-HE20 | MCS0 | 64 | 5320 | 13.25 | 13.83 | 13.65 | 13.72 | 19.64 | ≤ 21.74 |
| 11ax-HE20 | MCS0 | 100 | 5500 | 13.58 | 13.73 | 14.05 | 14.22 | 19.92 | ≤ 21.85 |
| 11ax-HE20 | MCS0 | 116 | 5580 | 13.40 | 13.78 | 14.31 | 13.77 | 19.85 | ≤ 21.85 |
| 11ax-HE20 | MCS0 | 140 | 5700 | 13.20 | 13.99 | 13.83 | 13.94 | 19.77 | ≤ 21.85 |
| 11ax-HE20 | MCS0 | 144 | 5720 | 13.18 | 13.81 | 13.78 | 14.02 | 19.73 | ≤ 20.92 |
| 11ax-HE20 | MCS0 | 149 | 5745 | 21.20 | 21.77 | 22.00 | 22.14 | 27.81 | ≤ 28.03 |
| 11ax-HE20 | MCS0 | 157 | 5785 | 21.58 | 21.55 | 21.42 | 21.60 | 27.56 | ≤ 28.03 |
| 11ax-HE20 | MCS0 | 165 | 5825 | 21.69 | 21.11 | 21.89 | 21.56 | 27.59 | ≤ 28.03 |
| 11ax-HE40 | MCS0 | 38 | 5190 | 16.92 | 17.98 | 17.79 | 17.83 | 23.67 | ≤ 27.98 |
| 11ax-HE40 | MCS0 | 46 | 5230 | 21.90 | 22.73 | 22.58 | 22.74 | 28.52 | ≤ 27.98 |
| 11ax-HE40 | MCS0 | 54 | 5270 | 16.02 | 16.75 | 16.79 | 16.81 | 22.63 | ≤ 21.74 |
| 11ax-HE40 | MCS0 | 62 | 5310 | 15.67 | 16.73 | 16.52 | 16.68 | 22.44 | ≤ 21.74 |
| 11ax-HE40 | MCS0 | 102 | 5510 | 16.24 | 16.70 | 16.76 | 16.96 | 22.69 | ≤ 21.85 |
| 11ax-HE40 | MCS0 | 110 | 5550 | 16.18 | 16.53 | 16.79 | 16.70 | 22.58 | ≤ 21.85 |
| 11ax-HE40 | MCS0 | 134 | 5670 | 16.08 | 16.85 | 16.86 | 16.63 | 22.64 | ≤ 21.85 |
| 11ax-HE40 | MCS0 | 142 | 5710 | 15.71 | 16.61 | 16.93 | 16.82 | 22.56 | ≤ 21.85 |
| 11ax-HE40 | MCS0 | 151 | 5755 | 21.10 | 22.06 | 21.73 | 21.83 | 27.71 | ≤ 28.03 |
| 11ax-HE40 | MCS0 | 159 | 5795 | 21.52 | 21.69 | 21.20 | 21.38 | 27.47 | ≤ 28.03 |
| 11ax-HE80 | MCS0 | 42 | 5210 | 17.25 | 18.13 | 18.21 | 17.95 | 23.92 | ≤ 27.98 |
| 11ax-HE80 | MCS0 | 58 | 5290 | 17.34 | 18.13 | 17.95 | 17.82 | 23.84 | ≤ 21.74 |
| 11ax-HE80 | MCS0 | 106 | 5530 | 17.63 | 17.93 | 17.98 | 17.84 | 23.87 | ≤ 21.85 |
| 11ax-HE80 | MCS0 | 122 | 5610 | 18.18 | 17.91 | 17.53 | 17.38 | 23.78 | ≤ 21.85 |
| 11ax-HE80 | MCS0 | 138 | 5690 | 17.51 | 18.07 | 17.84 | 17.98 | 23.88 | ≤ 21.85 |
| 11ax-HE80 | MCS0 | 155 | 5775 | 21.46 | 22.15 | 21.66 | 21.85 | 27.81 | ≤ 28.03 |
| 11ax-HE160 | MCS0 | 50 | 5250 | 14.45 | 15.14 | 14.95 | 15.22 | 20.97 | ≤ 21.74 |
| 11ax-HE160 | MCS0 | 114 | 5570 | 13.78 | 14.52 | 14.45 | 14.30 | 20.29 | ≤ 21.85 |

Note 1: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)} + 10^{(\text{Ant 2 Average Power }/10)}$

$+ 10^{(\text{Ant 3 Average Power } /10)}\}$.

Note 2: For 5720MHz, Average Power Limit =11+10*log(5+26dBc/2)

| Test Site | WZ-SR5 | Test Engineer | Luis Yang |
|---|---|---|---|
| Test Date | 2021/07/09~2021/07/22 | | |

| Test Mode | Data Rate MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | | | | Total Average Power (dBm) | Average Power Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | |
| CDD Mode (Nss = 2) | | | | | | | | | |
| 11ac-VHT20 | MCS0 | 52 | 5260 | 15.04 | 15.89 | 15.82 | 15.62 | 21.63 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 60 | 5300 | 14.60 | 15.67 | 15.26 | 15.22 | 21.22 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 64 | 5320 | 14.37 | 15.53 | 15.17 | 15.26 | 21.12 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 100 | 5500 | 14.58 | 15.28 | 15.08 | 15.44 | 21.13 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 116 | 5580 | 14.32 | 15.31 | 15.59 | 15.14 | 21.14 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 140 | 5700 | 14.45 | 15.76 | 15.47 | 15.61 | 21.37 | ≤ 23.98 |
| 11ac-VHT20 | MCS0 | 144 | 5720 | 14.39 | 15.63 | 15.33 | 15.71 | 21.32 | ≤ 23.00 |
| 11ac-VHT40 | MCS0 | 54 | 5270 | 16.95 | 17.96 | 17.81 | 17.91 | 23.70 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 62 | 5310 | 16.71 | 18.02 | 17.63 | 17.92 | 23.62 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 102 | 5510 | 16.31 | 17.69 | 16.74 | 17.83 | 23.21 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 110 | 5550 | 17.26 | 17.72 | 17.59 | 17.60 | 23.57 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 134 | 5670 | 17.36 | 17.76 | 17.73 | 17.58 | 23.63 | ≤ 23.98 |
| 11ac-VHT40 | MCS0 | 142 | 5710 | 16.99 | 17.68 | 17.69 | 17.73 | 23.55 | ≤ 23.98 |
| 11ac-VHT80 | MCS0 | 58 | 5290 | 15.82 | 16.43 | 16.08 | 16.33 | 22.19 | ≤ 23.98 |
| 11ac-VHT80 | MCS0 | 106 | 5530 | 15.45 | 16.03 | 15.73 | 16.02 | 21.83 | ≤ 23.98 |
| 11ac-VHT80 | MCS0 | 122 | 5610 | 16.39 | 16.14 | 15.70 | 15.94 | 22.07 | ≤ 23.98 |
| 11ac-VHT80 | MCS0 | 138 | 5690 | 17.48 | 17.80 | 17.64 | 18.01 | 23.76 | ≤ 23.98 |
| 11ac-VHT160 | MCS0 | 50 | 5250 | 15.23 | 15.86 | 15.77 | 16.07 | 21.76 | ≤ 23.98 |
| 11ac-VHT160 | MCS0 | 114 | 5570 | 13.82 | 14.70 | 15.08 | 14.71 | 20.62 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 52 | 5260 | 15.44 | 16.17 | 16.22 | 16.16 | 22.03 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 60 | 5300 | 15.04 | 15.94 | 15.78 | 15.85 | 21.69 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 64 | 5320 | 15.20 | 16.19 | 15.95 | 16.03 | 21.88 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 100 | 5500 | 15.15 | 15.87 | 15.89 | 16.08 | 21.78 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 116 | 5580 | 15.05 | 15.97 | 16.17 | 15.83 | 21.80 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 140 | 5700 | 14.95 | 15.42 | 15.35 | 15.58 | 21.35 | ≤ 23.98 |
| 11ax-HE20 | MCS0 | 144 | 5720 | 14.83 | 15.89 | 15.71 | 16.02 | 21.66 | ≤ 23.05 |

| Test Mode | Data Rate MCS | Channel No. | Freq. (MHz) | Average Power (dBm) | | | | Total Average Power (dBm) | Average Power Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | |
| CDD Mode (Nss = 2) | | | | | | | | | |
| 11ax-HE40 | MCS0 | 54 | 5270 | 16.90 | 17.94 | 17.71 | 17.83 | 23.63 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 62 | 5310 | 16.89 | 17.94 | 17.58 | 17.74 | 23.58 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 102 | 5510 | 17.26 | 17.74 | 17.51 | 18.00 | 23.66 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 110 | 5550 | 17.11 | 17.83 | 17.63 | 17.83 | 23.63 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 134 | 5670 | 17.13 | 17.96 | 17.84 | 17.64 | 23.67 | ≤ 23.98 |
| 11ax-HE40 | MCS0 | 142 | 5710 | 16.84 | 17.74 | 17.79 | 17.77 | 23.57 | ≤ 23.98 |
| 11ax-HE80 | MCS0 | 58 | 5290 | 16.12 | 16.68 | 16.82 | 16.96 | 22.68 | ≤ 23.98 |
| 11ax-HE80 | MCS0 | 106 | 5530 | 17.36 | 17.80 | 17.59 | 17.95 | 23.70 | ≤ 23.98 |
| 11ax-HE80 | MCS0 | 122 | 5610 | 18.01 | 17.85 | 17.42 | 17.53 | 23.73 | ≤ 23.98 |
| 11ax-HE80 | MCS0 | 138 | 5690 | 17.51 | 17.69 | 17.59 | 17.57 | 23.61 | ≤ 23.98 |
| 11ax-HE160 | MCS0 | 50 | 5250 | 16.85 | 17.84 | 17.64 | 17.92 | 23.60 | ≤ 23.98 |
| 11ax-HE160 | MCS0 | 114 | 5570 | 15.19 | 15.54 | 15.71 | 15.46 | 21.50 | ≤ 23.98 |

Note 1: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)} + 10^{(\text{Ant 2 Average Power }/10)} + 10^{(\text{Ant 3 Average Power }/10)}\}$.

Note 2: For 5720MHz, Average Power Limit =11+10*log(5+26dBc/2)

## A.4 Power Spectral Density Test Result

| Test Site | WZ-SR5 | Test Engineer | Luis Yang |
|---|---|---|---|
| Test Date | 2021/06/06~2021/07/25 | | |
| Test Item | Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c) (Nss = 1) | | |

| Test Mode | Data Rate/ MCS | Channel No. | Freq. (MHz) | AVPSD (dBm/ MHz) | | | | Duty Cycle (%) | Total PSD (dBm/ MHz) | PSD Limit (dBm/MHz) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | | |
| 11a | 6Mbps | 36 | 5180 | 7.73 | 8.46 | 8.46 | 8.58 | 95.11 | 14.56 | 14.96 |
| 11a | 6Mbps | 44 | 5220 | 7.86 | 8.53 | 8.58 | 8.81 | 95.11 | 14.70 | 14.96 |
| 11a | 6Mbps | 48 | 5240 | 7.58 | 8.59 | 8.67 | 8.71 | 95.11 | 14.65 | 14.96 |
| 11a | 6Mbps | 52 | 5260 | 1.50 | 2.56 | 2.52 | 2.31 | 95.11 | 8.48 | 8.74 |
| 11a | 6Mbps | 60 | 5300 | 1.60 | 2.30 | 2.59 | 2.39 | 95.11 | 8.47 | 8.74 |
| 11a | 6Mbps | 64 | 5320 | 1.43 | 2.36 | 2.22 | 2.29 | 95.11 | 8.33 | 8.74 |
| 11a | 6Mbps | 100 | 5500 | 1.85 | 2.52 | 2.57 | 2.65 | 95.11 | 8.65 | 8.85 |
| 11a | 6Mbps | 116 | 5580 | 1.70 | 2.14 | 2.51 | 1.97 | 95.11 | 8.33 | 8.85 |
| 11a | 6Mbps | 140 | 5700 | 1.34 | 2.55 | 2.37 | 2.57 | 95.11 | 8.47 | 8.85 |
| 11a | 6Mbps | 144 | 5720 | 1.33 | 2.56 | 2.36 | 2.58 | 95.11 | 8.48 | 8.85 |
| 11ac-VHT20 | MCS0 | 36 | 5180 | 7.72 | 8.06 | 7.82 | 8.05 | 84.39 | 14.67 | 14.96 |
| 11ac-VHT20 | MCS0 | 44 | 5220 | 7.43 | 8.24 | 8.35 | 8.15 | 84.39 | 14.81 | 14.96 |
| 11ac-VHT20 | MCS0 | 48 | 5240 | 7.46 | 8.16 | 8.23 | 8.08 | 84.39 | 14.75 | 14.96 |
| 11ac-VHT20 | MCS0 | 52 | 5260 | 1.43 | 1.91 | 1.96 | 1.72 | 84.39 | 8.52 | 8.74 |
| 11ac-VHT20 | MCS0 | 60 | 5300 | 1.27 | 1.91 | 1.87 | 1.92 | 84.39 | 8.51 | 8.74 |
| 11ac-VHT20 | MCS0 | 64 | 5320 | 1.43 | 1.93 | 1.82 | 1.69 | 84.39 | 8.48 | 8.74 |
| 11ac-VHT20 | MCS0 | 100 | 5500 | 1.38 | 1.88 | 1.85 | 2.06 | 84.39 | 8.56 | 8.85 |
| 11ac-VHT20 | MCS0 | 116 | 5580 | 1.32 | 1.69 | 2.09 | 1.59 | 84.39 | 8.44 | 8.85 |
| 11ac-VHT20 | MCS0 | 140 | 5700 | 1.22 | 2.04 | 1.91 | 1.79 | 84.39 | 8.51 | 8.85 |
| 11ac-VHT20 | MCS0 | 144 | 5720 | 1.07 | 2.12 | 2.10 | 2.15 | 84.39 | 8.64 | 8.85 |
| 11ac-VHT40 | MCS0 | 38 | 5190 | 2.55 | 3.62 | 3.44 | 3.67 | 82.12 | 10.22 | 14.96 |
| 11ac-VHT40 | MCS0 | 46 | 5230 | 7.21 | 8.04 | 8.22 | 7.87 | 82.12 | 14.73 | 14.96 |
| 11ac-VHT40 | MCS0 | 54 | 5270 | 1.42 | 1.90 | 1.73 | 1.71 | 82.12 | 8.57 | 8.74 |
| 11ac-VHT40 | MCS0 | 62 | 5310 | 1.01 | 1.77 | 1.77 | 1.81 | 82.12 | 8.48 | 8.74 |
| 11ac-VHT40 | MCS0 | 102 | 5510 | 1.63 | 1.90 | 1.94 | 1.94 | 82.12 | 8.73 | 8.85 |
| 11ac-VHT40 | MCS0 | 110 | 5550 | 1.46 | 1.83 | 1.90 | 1.84 | 82.12 | 8.64 | 8.85 |
| 11ac-VHT40 | MCS0 | 134 | 5670 | 1.25 | 1.85 | 1.89 | 1.86 | 82.12 | 8.60 | 8.85 |
| 11ac-VHT40 | MCS0 | 142 | 5710 | 1.39 | 1.82 | 2.03 | 1.90 | 82.12 | 8.67 | 8.85 |

| Test Mode | Data Rate/ MCS | Channel No. | Freq. (MHz) | AVPSD (dBm/ MHz) | | | | Duty Cycle (%) | Total PSD (dBm/ MHz) | PSD Limit (dBm/MHz) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | | |
| 11ac-VHT80 | MCS0 | 42 | 5210 | -0.46 | 0.19 | 0.25 | 0.50 | 80.93 | 7.07 | 14.96 |
| 11ac-VHT80 | MCS0 | 58 | 5290 | -0.98 | 0.09 | 0.15 | 0.04 | 80.93 | 6.79 | 8.74 |
| 11ac-VHT80 | MCS0 | 106 | 5530 | -1.20 | -0.94 | -1.02 | -0.78 | 80.93 | 5.95 | 8.85 |
| 11ac-VHT80 | MCS0 | 122 | 5610 | -0.43 | -0.20 | -0.58 | -0.65 | 80.93 | 6.48 | 8.85 |
| 11ac-VHT80 | MCS0 | 138 | 5690 | -0.71 | 0.04 | 0.03 | 0.26 | 80.93 | 6.86 | 8.85 |
| 11ac-VHT160 | MCS0 | 50 | 5250 | -6.09 | -4.78 | -5.05 | -5.24 | 89.95 | 1.22 | 8.74 |
| 11ac-VHT160 | MCS0 | 114 | 5570 | -7.74 | -7.03 | -6.70 | -7.27 | 89.95 | -0.69 | 8.85 |
| 11ax-HE20 | MCS0 | 36 | 5180 | 7.69 | 8.40 | 8.14 | 8.38 | 91.62 | 14.56 | 14.96 |
| 11ax-HE20 | MCS0 | 44 | 5220 | 7.58 | 8.12 | 8.23 | 8.64 | 91.62 | 14.56 | 14.96 |
| 11ax-HE20 | MCS0 | 48 | 5240 | 7.50 | 8.56 | 8.59 | 8.31 | 91.62 | 14.66 | 14.96 |
| 11ax-HE20 | MCS0 | 52 | 5260 | 1.71 | 2.04 | 2.06 | 1.82 | 91.62 | 8.31 | 8.74 |
| 11ax-HE20 | MCS0 | 60 | 5300 | 1.72 | 2.16 | 2.00 | 2.08 | 91.62 | 8.39 | 8.74 |
| 11ax-HE20 | MCS0 | 64 | 5320 | 2.09 | 2.12 | 2.01 | 1.86 | 91.62 | 8.42 | 8.74 |
| 11ax-HE20 | MCS0 | 100 | 5500 | 1.84 | 2.14 | 2.22 | 2.58 | 91.62 | 8.60 | 8.85 |
| 11ax-HE20 | MCS0 | 116 | 5580 | 1.74 | 2.38 | 2.55 | 1.86 | 91.62 | 8.55 | 8.85 |
| 11ax-HE20 | MCS0 | 140 | 5700 | 1.59 | 2.47 | 2.46 | 2.28 | 91.62 | 8.61 | 8.85 |
| 11ax-HE20 | MCS0 | 144 | 5720 | 1.49 | 2.25 | 2.14 | 2.42 | 91.62 | 8.49 | 8.85 |
| 11ax-HE40 | MCS0 | 38 | 5190 | 2.49 | 3.39 | 3.45 | 3.61 | 91.66 | 9.65 | 14.96 |
| 11ax-HE40 | MCS0 | 46 | 5230 | 7.36 | 8.27 | 8.38 | 8.25 | 91.66 | 14.48 | 14.96 |
| 11ax-HE40 | MCS0 | 54 | 5270 | 1.50 | 2.20 | 2.32 | 2.15 | 91.66 | 8.45 | 8.74 |
| 11ax-HE40 | MCS0 | 62 | 5310 | 1.50 | 2.43 | 2.10 | 2.12 | 91.66 | 8.45 | 8.74 |
| 11ax-HE40 | MCS0 | 102 | 5510 | 1.77 | 2.27 | 2.13 | 2.57 | 91.66 | 8.59 | 8.85 |
| 11ax-HE40 | MCS0 | 110 | 5550 | 1.79 | 2.14 | 2.25 | 2.31 | 91.66 | 8.53 | 8.85 |
| 11ax-HE40 | MCS0 | 134 | 5670 | 1.46 | 2.36 | 2.29 | 2.20 | 91.66 | 8.49 | 8.85 |
| 11ax-HE40 | MCS0 | 142 | 5710 | 1.43 | 2.35 | 2.31 | 2.31 | 91.66 | 8.52 | 8.85 |
| 11ax-HE80 | MCS0 | 42 | 5210 | 0.72 | 1.04 | 1.16 | 1.41 | 91.24 | 7.51 | 14.96 |
| 11ax-HE80 | MCS0 | 58 | 5290 | -0.68 | 0.40 | 0.39 | 0.60 | 91.24 | 6.62 | 8.74 |
| 11ax-HE80 | MCS0 | 106 | 5530 | -0.49 | -0.31 | -0.27 | -0.04 | 91.24 | 6.14 | 8.85 |
| 11ax-HE80 | MCS0 | 122 | 5610 | 0.46 | 0.66 | -0.13 | 0.65 | 91.24 | 6.84 | 8.85 |
| 11ax-HE80 | MCS0 | 138 | 5690 | -0.36 | 0.61 | 0.22 | 0.67 | 91.24 | 6.72 | 8.85 |
| 11ax-HE160 | MCS0 | 50 | 5250 | -5.67 | -4.71 | -4.43 | -4.94 | 89.11 | 1.61 | 8.74 |
| 11ax-HE160 | MCS0 | 114 | 5570 | -6.75 | -5.85 | -5.72 | -6.09 | 89.11 | 0.44 | 8.85 |

Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ +$10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$} +10*log (1/Duty cycle).

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ +$10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$}.

| Test Site | WZ-SR5 | Test Engineer | Luis Yang |
|---|---|---|---|
| Test Date | 2021/07/05~2021/07/06 | | |
| Test Item | Power Spectral Density (UNII-Band 3) (Nss = 1) | | |

| Test Mode | Data Rate/ MCS | Channel No. | Freq. (MHz) | AVPSD (dBm/ 510KHz) | | | | Duty Cycle (%) | Total PSD (dBm/ 510KHz) | PSD Limit (dBm/ 500KHz) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 0 | Ant 1 | Ant 2 | Ant 3 | | | |
| 11a | 6Mbps | 149 | 5745 | 9.37 | 10.34 | 10.40 | 10.38 | 95.11 | 16.38 | ≤ 28.01 |
| 11a | 6Mbps | 157 | 5785 | 9.20 | 9.90 | 9.70 | 10.12 | 95.11 | 15.98 | ≤ 28.01 |
| 11a | 6Mbps | 165 | 5825 | 9.65 | 9.67 | 9.80 | 9.73 | 95.11 | 15.95 | ≤ 28.01 |
| 11ac-VHT20 | MCS0 | 149 | 5745 | 9.26 | 10.01 | 9.99 | 10.08 | 84.39 | 16.61 | ≤ 28.01 |
| 11ac-VHT20 | MCS0 | 157 | 5785 | 9.15 | 9.83 | 9.66 | 9.96 | 84.39 | 16.42 | ≤ 28.01 |
| 11ac-VHT20 | MCS0 | 165 | 5825 | 9.69 | 9.22 | 9.70 | 9.40 | 84.39 | 16.26 | ≤ 28.01 |
| 11ac-VHT40 | MCS0 | 151 | 5755 | 5.66 | 6.74 | 6.59 | 6.92 | 82.12 | 13.38 | ≤ 28.01 |
| 11ac-VHT40 | MCS0 | 159 | 5795 | 6.96 | 7.83 | 7.01 | 7.32 | 82.12 | 14.17 | ≤ 28.01 |
| 11ac-VHT80 | MCS0 | 155 | 5775 | -0.25 | 0.22 | -0.29 | 0.22 | 80.93 | 6.92 | ≤ 28.01 |
| 11ax-HE20 | MCS0 | 149 | 5745 | 9.15 | 10.20 | 10.22 | 10.05 | 91.62 | 16.33 | ≤ 28.01 |
| 11ax-HE20 | MCS0 | 157 | 5785 | 9.37 | 9.93 | 9.70 | 9.88 | 91.62 | 16.13 | ≤ 28.01 |
| 11ax-HE20 | MCS0 | 165 | 5825 | 9.33 | 9.49 | 9.67 | 9.44 | 91.62 | 15.89 | ≤ 28.01 |
| 11ax-HE40 | MCS0 | 151 | 5755 | 6.15 | 7.91 | 7.16 | 7.51 | 91.66 | 13.63 | ≤ 28.01 |
| 11ax-HE40 | MCS0 | 159 | 5795 | 6.62 | 7.29 | 6.66 | 6.92 | 91.66 | 13.28 | ≤ 28.01 |
| 11ax-HE80 | MCS0 | 155 | 5775 | 2.00 | 2.66 | 2.11 | 2.54 | 91.24 | 8.75 | ≤ 28.01 |

Note 1:

When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ +$10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$} +10*log (1/Duty cycle).

When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) =10*log {$10^{(\text{Ant 0 AVGPSD}/10)}$ + $10^{(\text{Ant 1 AVGPSD}/10)}$ +$10^{(\text{Ant 2 AVGPSD}/10)}$ + $10^{(\text{Ant 3 AVGPSD}/10)}$}.

Note 2: PSD Limit (dBm/500KHz) = 30 - (7.99 - 6) = 28.01dBm/MHz.