





| Test Conditions    | Channel          | Frequency<br>(MHz) | Reading Level<br>Avg. (dBm) |       |       |       | Total Power<br>Avg. (dBm)<br>(Ant 1+2) | Limit<br>Avg. (dBm)<br>(Ant 1+2) | Pass/Fail | Ant 3 | Ant 5 |
|--------------------|------------------|--------------------|-----------------------------|-------|-------|-------|--|----------------------------------|-----------|-------|-------|
|                    |                  |                    | Ant3                        | Ant5  | Ant6  | Ant7  |  |                                  |           |       |       |
| Tnom (25°C)        | Vnom (120V)      | 42                 | 5210                        | 14.05 | 13.88 | 16.98 | 26.99                                  | Pass                             | 41        | 41    |       |
|                    |                  | 58                 | 5290                        | 13.41 | 13.69 | 16.56 | 20.99                                  | Pass                             | 39        | 39    |       |
| Mode:              | 802.11ax(160MHz) | Data Rate:         | HEHNS1                      |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(2TX+2RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2            |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Conducted power    |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| MIMO Mode(4TX+4RX) |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 1+2+3+4        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Reading Level      |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Total Power        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Limit              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Avg. (dBm)         |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Pass/Fail          |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Power Index        |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 3              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 5              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 6              |                  |                    |                             |       |       |       |  |                                  |           |       |       |
| Ant 7              |                  |                    |                             |       |       |       |  |                                  |           |       |       |

# FCC 5GHz Power Table-ETH7(Outdoors and elevation angle > 30°)



|                                     |                 |                                    |                       |              |         |            |       |      |
|-------------------------------------|-----------------|------------------------------------|-----------------------|--------------|---------|------------|-------|------|
| Standard:                           | FCC Part 15.407 | Test Date:                         | 2021.01.05            | Temperature: | 25°C    | Humidity:  | 55%RH |      |
| Project No.:                        | 20B0117R        | Product Name:                      | Wireless Access Point | Model Name:  | AP510CX | Test Site: | TR8   |      |
| Antenna Gain(dBi)                   | Ant 1           | 0.00                               | Ant 2                 | 0.00         | Ant 3   | 0.00       | Ant 4 | 0.00 |
| 2*2 CDD-Directional Gain-Power(dBi) | 0.00            | 2*2 BF-Directional Gain-Power(dBi) |                       | 3.01         |         |            |       |      |
| 4*4 CDD-Directional Gain-Power(dBi) | 0.00            | 4*4 BF-Directional Gain-Power(dBi) |                       | 6.02         |         |            |       |      |

| Antenna Technology: CDD 2*2 |         |                 |       |                                 |             |       |                   |             |           |             |       |       |       |       |
|-----------------------------|---------|-----------------|-------|---------------------------------|-------------|-------|-------------------|-------------|-----------|-------------|-------|-------|-------|-------|
| Mode:                       | 802.11a | Data Rate:      | 6Mbps | Conducted power                 |             |       |                   | EIRP        |           | Power Index |       |       |       |       |
| Test Conditions             | Channel | Frequency (MHz) | Ant3  | Ant 1+2 Reading Level (dBm)     |             |       | Total Power (dBm) | Limit (dBm) | Pass/Fail |             | Ant 3 | Ant 5 |       |       |
|                             |         |                 |       | Tnom (25 °C)                    | Vnom (120V) | 36    |                   |             |           | 5180        |       |       | 17.33 | 16.90 |
| 44                          | 5220    | 16.70           | 16.44 |                                 |             | 16.44 | 19.58             | 21.00       | Pass      | 37          | 37    |       |       |       |
| 48                          | 5240    | 17.20           | 16.57 |                                 |             | 16.57 | 19.91             | 21.00       | Pass      | 36          | 36    |       |       |       |
| Antenna Technology: CDD 4*4 |         |                 |       |                                 |             |       |                   |             |           |             |       |       |       |       |
| Mode:                       | 802.11a | Data Rate:      | 6Mbps | Conducted power                 |             |       |                   | EIRP        |           | Power Index |       |       |       |       |
| Test Conditions             | Channel | Frequency (MHz) | Ant3  | Ant 1+2+3+4 Reading Level (dBm) |             |       | Total Power (dBm) | Limit (dBm) | Pass/Fail |             | Ant 3 | Ant 5 | Ant 6 | Ant 7 |
|                             |         |                 |       | Tnom (25 °C)                    | Vnom (120V) | 36    |                   |             |           | 5180        |       |       |       |       |
| 44                          | 5220    | 14.78           | 14.48 |                                 |             | 13.87 | 13.73             | 20.26       | 21.00     | Pass        | 42    | 42    | 42    | 42    |
| 48                          | 5240    | 14.76           | 14.60 |                                 |             | 14.30 | 13.80             | 20.42       | 21.00     | Pass        | 41    | 41    | 41    | 41    |

| Mode            | 802.11ax(40MHz) | Data Rate | HEGNSS1 | Conducted power |               |               |               |             |             |            |            |            |            |           |       | EIRP  |       |       |  | Power Index |  |  |  |
|-----------------|-----------------|-----------|---------|-----------------|---------------|---------------|---------------|-------------|-------------|------------|------------|------------|------------|-----------|-------|-------|-------|-------|--|-------------|--|--|--|
| Test Conditions | Channel         | Frequency | (MHz)   | Ant 1+2+3+4     |               |               |               | Total Power | Ant 1+2+3+4 |            |            |            | Avg. (dBm) | Pass/Fail | Ant 3 | Ant 5 | Ant 6 | Ant 7 |  |             |  |  |  |
|                 |                 |           |         | Reading Level   | Reading Level | Reading Level | Reading Level |             | Limit       |            |            |            |            |           |       |       |       |       |  |             |  |  |  |
|                 |                 |           |         | Avg. (dBm)      | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    |             | Avg. (dBm)  | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) |            |           |       |       |       |       |  |             |  |  |  |
| Thom (25°C)     | Vnom (120V)     | 36        | 5180    | 12.33           | 13.22         | 12.65         | 12.25         | 15.65       | 21.00       | Pass       | 43         | 43         | 43         | 43        |       |       |       |       |  |             |  |  |  |
|                 |                 | 44        | 5220    | 11.85           | 13.04         | 12.35         | 12.18         | 18.42       | 21.00       | Pass       | 42         | 42         | 42         | 42        |       |       |       |       |  |             |  |  |  |
|                 |                 | 48        | 5240    | 11.86           | 13.13         | 12.72         | 12.25         | 18.54       | 21.00       | Pass       | 41         | 41         | 41         | 41        |       |       |       |       |  |             |  |  |  |
| Thom (25°C)     | Vnom (120V)     | 36        | 5180    | 11.78           | 11.29         | 11.50         | 11.17         | 17.46       | 21.00       | Pass       | 49         | 49         | 49         | 49        |       |       |       |       |  |             |  |  |  |
|                 |                 | 44        | 5220    | 11.42           | 11.19         | 11.36         | 11.08         | 17.29       | 21.00       | Pass       | 47         | 47         | 47         | 47        |       |       |       |       |  |             |  |  |  |
| Thom (25°C)     | Vnom (120V)     | 42        | 5210    | 10.33           | 10.81         | 11.01         | 10.56         | 16.71       | 21.00       | Pass       | 49         | 49         | 49         | 49        |       |       |       |       |  |             |  |  |  |
|                 |                 | 46        | 5230    |                 |               |               |               |             |             |            |            |            |            |           |       |       |       |       |  |             |  |  |  |
| Thom (25°C)     | Vnom (120V)     | 50        | 5250    | 10.78           | 10.90         | 10.24         | 9.62          | 16.43       | 21.00       | Pass       | 45         | 45         | 45         | 45        |       |       |       |       |  |             |  |  |  |

| Antenna Technology: |             |           |       | Beamforming 2'2 |               |               |               |             |            |            |            |            |            |           |       |       |  |  |  |  |
|---------------------|-------------|-----------|-------|-----------------|---------------|---------------|---------------|-------------|------------|------------|------------|------------|------------|-----------|-------|-------|--|--|--|--|
| Test Conditions     | Channel     | Frequency | (MHz) | Ant 1+2         |               |               |               | Total Power | Ant 1+2    |            |            |            | Avg. (dBm) | Pass/Fail | Ant 3 | Ant 5 |  |  |  |  |
|                     |             |           |       | Reading Level   | Reading Level | Reading Level | Reading Level |             | Limit      |            |            |            |            |           |       |       |  |  |  |  |
|                     |             |           |       | Avg. (dBm)      | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    |             | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 36        | 5180  | 14.35           |               |               | 13.83         | 20.12       | 21.00      | Pass       | 43         | 43         |            |           |       |       |  |  |  |  |
|                     |             | 44        | 5220  | 14.23           |               |               | 13.81         | 20.05       | 21.00      | Pass       | 42         | 42         |            |           |       |       |  |  |  |  |
|                     |             | 48        | 5240  | 14.38           |               |               | 13.87         | 20.15       | 21.00      | Pass       | 41         | 41         |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 38        | 5190  | 14.58           |               |               | 13.64         | 20.16       | 21.00      | Pass       | 42         | 42         |            |           |       |       |  |  |  |  |
|                     |             | 46        | 5230  | 14.44           |               |               | 13.68         | 20.10       | 21.00      | Pass       | 40         | 40         |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 38        | 5190  | 14.37           |               |               | 13.80         | 20.11       | 21.00      | Pass       | 43         | 43         |            |           |       |       |  |  |  |  |
|                     |             | 44        | 5220  | 14.38           |               |               | 13.79         | 20.12       | 21.00      | Pass       | 42         | 42         |            |           |       |       |  |  |  |  |
|                     |             | 48        | 5240  | 14.34           |               |               | 13.91         | 20.15       | 21.00      | Pass       | 41         | 41         |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 38        | 5190  | 14.55           |               |               | 13.61         | 20.13       | 21.00      | Pass       | 42         | 42         |            |           |       |       |  |  |  |  |
|                     |             | 46        | 5230  | 14.46           |               |               | 13.74         | 20.14       | 21.00      | Pass       | 40         | 40         |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 42        | 5210  | 14.39           |               |               | 13.76         | 20.11       | 21.00      | Pass       | 41         | 41         |            |           |       |       |  |  |  |  |
|                     |             | 46        | 5230  |                 |               |               |               |             |            |            |            |            |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 36        | 5180  | 14.45           |               |               | 13.92         | 20.21       | 21.00      | Pass       | 43         | 43         |            |           |       |       |  |  |  |  |
|                     |             | 44        | 5220  | 14.36           |               |               | 13.79         | 20.10       | 21.00      | Pass       | 42         | 42         |            |           |       |       |  |  |  |  |
|                     |             | 48        | 5240  | 14.37           |               |               | 13.93         | 20.18       | 21.00      | Pass       | 41         | 41         |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 38        | 5190  | 14.62           |               |               | 13.64         | 20.18       | 21.00      | Pass       | 42         | 42         |            |           |       |       |  |  |  |  |
|                     |             | 46        | 5230  | 14.37           |               |               | 13.74         | 20.09       | 21.00      | Pass       | 40         | 40         |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 42        | 5210  | 14.05           |               |               | 13.88         | 19.99       | 21.00      | Pass       | 41         | 41         |            |           |       |       |  |  |  |  |
|                     |             | 46        | 5230  |                 |               |               |               |             |            |            |            |            |            |           |       |       |  |  |  |  |
| Thom (25°C)         | Vnom (120V) | 42        | 5210  | 8.37            | 8.01          | 8.27          | 7.72          | 20.14       | 21.00      | Pass       | 51         | 51         | 51         | 51        |       |       |  |  |  |  |

| Antenna Technology: |             |           |       | Beamforming 4'4 |               |               |               |             |             |            |            |            |            |           |       |       |       |       |  |  |
|---------------------|-------------|-----------|-------|-----------------|---------------|---------------|---------------|-------------|-------------|------------|------------|------------|------------|-----------|-------|-------|-------|-------|--|--|
| Test Conditions     | Channel     | Frequency | (MHz) | Ant 1+2+3+4     |               |               |               | Total Power | Ant 1+2+3+4 |            |            |            | Avg. (dBm) | Pass/Fail | Ant 3 | Ant 5 | Ant 6 | Ant 7 |  |  |
|                     |             |           |       | Reading Level   | Reading Level | Reading Level | Reading Level |             | Limit       |            |            |            |            |           |       |       |       |       |  |  |
|                     |             |           |       | Avg. (dBm)      | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    |             | Avg. (dBm)  | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) |            |           |       |       |       |       |  |  |
| Thom (25°C)         | Vnom (120V) | 36        | 5180  | 8.50            | 8.13          | 7.80          | 7.17          | 19.97       | 21.00       | Pass       | 53         | 53         | 53         | 53        |       |       |       |       |  |  |
|                     |             | 44        | 5220  | 8.47            | 8.16          | 7.45          | 7.36          | 19.93       | 21.00       | Pass       | 52         | 52         | 52         | 52        |       |       |       |       |  |  |
|                     |             | 48        | 5240  | 8.57            | 8.16          | 7.93          | 7.28          | 20.05       | 21.00       | Pass       | 51         | 51         | 51         | 51        |       |       |       |       |  |  |
| Thom (25°C)         | Vnom (120V) | 38        | 5190  | 8.56            | 7.87          | 7.89          | 7.75          | 20.07       | 21.00       | Pass       | 52         | 52         | 52         | 52        |       |       |       |       |  |  |
|                     |             | 46        | 5230  | 8.13            | 7.86          | 8.08          | 7.51          | 19.94       | 21.00       | Pass       | 51         | 51         | 51         | 51        |       |       |       |       |  |  |
| Thom (25°C)         | Vnom (120V) | 36        | 5180  | 8.57            | 8.15          | 7.80          | 7.27          | 20.01       | 21.00       | Pass       | 53         | 53         | 53         | 53        |       |       |       |       |  |  |
|                     |             | 44        | 5220  | 8.25            | 8.18          | 7.39          | 7.29          | 19.84       | 21.00       | Pass       | 52         | 52         | 52         | 52        |       |       |       |       |  |  |
|                     |             | 48        | 5240  | 8.64            | 8.22          | 7.94          | 7.31          | 20.10       | 21.00       | Pass       | 51         | 51         | 51         | 51        |       |       |       |       |  |  |
| Thom (25°C)         | Vnom (120V) | 38        | 5190  | 8.72            | 7.78          | 7.92          | 7.70          | 20.09       | 21.00       | Pass       | 52         | 52         | 52         | 52        |       |       |       |       |  |  |
|                     |             | 46        | 5230  | 8.06            | 7.82          | 7.97          | 7.45          | 19.87       | 21.00       | Pass       | 51         | 51         | 51         | 51        |       |       |       |       |  |  |
| Thom (25°C)         | Vnom (120V) | 42        | 5210  | 8.37            | 8.01          | 8.27          | 7.72          | 20.14       | 21.00       | Pass       | 51         | 51         | 51         | 51        |       |       |       |       |  |  |

|                 |                  | (MHz)      | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)  | Avg. (dBm)         | Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|-----------------|------------------|------------|--------------------|--------------------|--------------------|--------------------|-------------|--------------------|------------|-----------|-------------|-------|-------|-------|----|
| Tnom (25 °C)    | Vnom (120V)      | 36         | 5180               | 8.67               | 8.30               | 7.83               | 7.21        | 20.08              | 21.00      | Pass      | 53          | 53    | 53    | 53    |    |
|                 |                  | 44         | 5220               | 8.39               | 8.08               | 7.28               | 7.30        | 19.83              | 21.00      | Pass      | 52          | 52    | 52    | 52    |    |
|                 |                  | 48         | 5240               | 8.48               | 8.11               | 7.76               | 7.40        | 20.00              | 21.00      | Pass      | 51          | 51    | 51    | 51    |    |
| Mode:           | 802.11ax(40MHz)  | Data Rate: | HEONSS1            | Conducted power    |                    |                    |             | MIMO Mode(4TX+4RX) |            | EIRP      | Power Index |       |       |       |    |
| Test Conditions | Channel          | Frequency  | Ant3 Reading Level | Ant5 Reading Level | Ant6 Reading Level | Ant7 Reading Level | Total Power |                    | Limit      |           |             |       |       |       |    |
|                 |                  | (MHz)      | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)  |                    | Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                  | 36         | 5190               | 8.50               | 7.92               | 7.92               | 7.73        | 20.15              |            | 21.00     | Pass        | 52    | 52    | 52    | 52 |
| Tnom (25 °C)    | Vnom (120V)      | 48         | 5230               | 8.00               | 7.85               | 7.86               | 7.56        | 19.86              |            | 21.00     | Pass        | 51    | 51    | 51    | 51 |
| Mode:           | 802.11ax(80MHz)  | Data Rate: | HEONSS1            | Conducted power    |                    |                    |             | MIMO Mode(4TX+4RX) |            | EIRP      | Power Index |       |       |       |    |
| Test Conditions | Channel          | Frequency  | Ant3 Reading Level | Ant5 Reading Level | Ant6 Reading Level | Ant7 Reading Level | Total Power |                    | Limit      |           |             |       |       |       |    |
|                 |                  | (MHz)      | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)  |                    | Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                  | 42         | 5210               | 6.47               | 6.06               | 7.49               | 5.79        | 18.54              |            | 21.00     | Pass        | 55    | 55    | 55    | 55 |
| Tnom (25 °C)    | Vnom (120V)      | 42         | 5210               | 6.47               | 6.06               | 7.49               | 5.79        | 18.54              |            | 21.00     | Pass        | 55    | 55    | 55    | 55 |
| Mode:           | 802.11ax(160MHz) | Data Rate: | HEONSS1            | Conducted power    |                    |                    |             | MIMO Mode(4TX+4RX) |            | EIRP      | Power Index |       |       |       |    |
| Test Conditions | Channel          | Frequency  | Ant3 Reading Level | Ant5 Reading Level | Ant6 Reading Level | Ant7 Reading Level | Total Power |                    | Limit      |           |             |       |       |       |    |
|                 |                  | (MHz)      | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)         | Avg. (dBm)  |                    | Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                  | 50         | 5250               | 6.71               | 6.95               | 7.39               | 6.33        | 18.90              |            | 21.00     | Pass        | 50    | 50    | 50    | 50 |
| Tnom (25 °C)    | Vnom (120V)      | 50         | 5250               | 6.71               | 6.95               | 7.39               | 6.33        | 18.90              |            | 21.00     | Pass        | 50    | 50    | 50    | 50 |









| Test Conditions    | Channel          | Frequency<br>(MHz) | Ant3            | Ant5          | Ant6          | Ant7          | Total Power<br>Avg. (dBm)<br>(Ant 1+2+3+4) | Limit<br>Avg. (dBm)<br>Pass/Fail | Ant 3 | Ant 5 | Ant 6 | Ant 7 |    |    |    |    |
|--------------------|------------------|--------------------|-----------------|---------------|---------------|---------------|--|----------------------------------|-------|-------|-------|-------|----|----|----|----|
|                    |                  |                    | Reading Level   | Reading Level | Reading Level | Reading Level |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  |                    | Avg. (dBm)      | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    |  |                                  |       |       |       |       |    |    |    |    |
| Tnom (25 °C)       | Vnom (120V)      | 36                 | 5180            | 8.62          | 8.49          | 7.90          | 8.33                                       | 14.36                            | 23.98 | Pass  | 51    | 51    | 51 | 51 |    |    |
|                    |                  | 44                 | 5220            | 8.34          | 8.64          | 8.28          | 8.51                                       | 14.47                            | 23.98 | Pass  | 51    | 51    | 51 | 51 |    |    |
|                    |                  | 48                 | 5240            | 8.06          | 8.44          | 8.16          | 8.37                                       | 14.28                            | 23.98 | Pass  | 51    | 51    | 51 | 51 |    |    |
|                    |                  | 52                 | 5260            | 7.17          | 7.52          | 7.05          | 7.27                                       | 13.28                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
|                    |                  | 60                 | 5300            | 6.77          | 7.13          | 7.46          | 7.37                                       | 13.20                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
|                    |                  | 64                 | 5320            | 6.89          | 7.27          | 7.25          | 7.25                                       | 13.21                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
|                    |                  | 100                | 5500            | 6.75          | 6.66          | 7.11          | 6.95                                       | 12.89                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
|                    |                  | 116                | 5580            | 6.88          | 6.71          | 7.16          | 6.76                                       | 12.90                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
|                    |                  | 140                | 5700            | 7.20          | 6.81          | 7.43          | 7.05                                       | 13.15                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
|                    |                  | 149                | 5745            | 15.97         | 15.88         | 16.41         | 16.31                                      | 22.17                            | 23.98 | Pass  | 34    | 34    | 34 | 34 |    |    |
|                    |                  | 157                | 5785            | 16.17         | 15.82         | 16.29         | 15.84                                      | 22.06                            | 23.98 | Pass  | 34    | 34    | 34 | 34 |    |    |
|                    |                  | 165                | 5825            | 15.77         | 15.77         | 16.15         | 15.80                                      | 21.90                            | 23.98 | Pass  | 34    | 34    | 34 | 34 |    |    |
|                    |                  | Mode:              | 802.11ac(40MHz) | Data Rate:    | MCSNSS1       |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | Conducted power    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | MIMO Mode(4TX+4RX) |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | Tnom (25 °C)       | Vnom (120V)     | 38            | 5190          | 7.54          | 8.02                                       | 7.93                             | 8.10  | 13.99 | 23.98 | Pass  | 51 | 51 | 51 | 51 |
| 46                 | 5230             |                    |                 | 7.65          | 7.83          | 8.15          | 8.26                                       | 14.00                            | 23.98 | Pass  | 51    | 51    | 51 | 51 |    |    |
| 52                 | 5270             |                    |                 | 6.99          | 6.84          | 7.00          | 7.20                                       | 13.03                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
| 60                 | 5310             |                    |                 | 6.85          | 6.85          | 7.19          | 7.14                                       | 13.08                            | 17.98 | Pass  | 52    | 52    | 52 | 52 |    |    |
| 102                | 5510             |                    |                 | 6.99          | 6.73          | 7.24          | 7.28                                       | 13.09                            | 17.98 | Pass  | 52    | 52    | 52 | 52 |    |    |
| 110                | 5550             |                    |                 | 6.92          | 6.86          | 7.43          | 7.13                                       | 13.11                            | 17.98 | Pass  | 52    | 52    | 52 | 52 |    |    |
| 134                | 5670             |                    |                 | 7.31          | 6.36          | 6.92          | 6.35                                       | 13.10                            | 17.98 | Pass  | 52    | 52    | 52 | 52 |    |    |
| 151                | 5755             |                    |                 | 15.87         | 16.05         | 16.38         | 16.38                                      | 22.15                            | 23.98 | Pass  | 33    | 33    | 33 | 33 |    |    |
| 159                | 5795             |                    |                 | 15.70         | 15.73         | 16.25         | 16.21                                      | 22.00                            | 23.98 | Pass  | 33    | 33    | 33 | 33 |    |    |
| Mode:              | 802.11ac(80MHz)  |                    |                 | Data Rate:    | MCSNSS1       |               |  |                                  |       |       |       |       |    |    |    |    |
| Conducted power    |                  |                    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
| MIMO Mode(4TX+4RX) |                  |                    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
| Tnom (25 °C)       | Vnom (120V)      |                    |                 | 42            | 5210          | 7.64          | 8.38                                       | 8.19                             | 8.35  | 14.22 | 23.98 | Pass  | 51 | 51 | 51 | 51 |
|                    |                  |                    |                 | 58            | 5290          | 6.92          | 7.15                                       | 7.71                             | 7.11  | 13.00 | 17.98 | Pass  | 52 | 52 | 52 | 52 |
|                    |                  |                    |                 | 106           | 5530          | 6.99          | 6.71                                       | 6.98                             | 6.36  | 12.69 | 17.98 | Pass  | 52 | 52 | 52 | 52 |
|                    |                  |                    |                 | 122           | 5610          | 6.79          | 6.69                                       | 6.99                             | 6.35  | 12.73 | 17.98 | Pass  | 52 | 52 | 52 | 52 |
|                    |                  | 155                | 5775            | 13.87         | 13.44         | 14.04         | 13.83                                      | 19.82                            | 23.98 | Pass  | 38    | 38    | 38 | 38 |    |    |
|                    |                  | Mode:              | 802.11ax(20MHz) | Data Rate:    | HEMNSS1       |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | Conducted power    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | MIMO Mode(4TX+4RX) |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | Tnom (25 °C)       | Vnom (120V)     | 36            | 5180          | 8.60          | 8.45                                       | 7.97                             | 8.30  | 14.36 | 23.98 | Pass  | 51 | 51 | 51 | 51 |
|                    |                  |                    |                 | 44            | 5220          | 8.33          | 8.57                                       | 8.18                             | 8.43  | 14.40 | 23.98 | Pass  | 51 | 51 | 51 | 51 |
|                    |                  |                    |                 | 48            | 5240          | 8.16          | 8.51                                       | 8.28                             | 8.36  | 14.35 | 23.98 | Pass  | 51 | 51 | 51 | 51 |
|                    |                  |                    |                 | 52            | 5260          | 7.06          | 7.41                                       | 7.12                             | 7.37  | 13.28 | 17.98 | Pass  | 53 | 53 | 53 | 53 |
|                    |                  |                    |                 | 60            | 5300          | 6.74          | 7.07                                       | 7.36                             | 7.39  | 13.17 | 17.98 | Pass  | 53 | 53 | 53 | 53 |
|                    |                  |                    |                 | 64            | 5320          | 6.81          | 7.39                                       | 7.27                             | 7.35  | 13.22 | 17.98 | Pass  | 53 | 53 | 53 | 53 |
|                    |                  |                    |                 | 100           | 5500          | 6.77          | 6.81                                       | 7.11                             | 6.91  | 12.92 | 17.98 | Pass  | 53 | 53 | 53 | 53 |
|                    |                  |                    |                 | 116           | 5580          | 6.80          | 6.64                                       | 7.15                             | 6.63  | 12.83 | 17.98 | Pass  | 53 | 53 | 53 | 53 |
| 140                | 5700             |                    |                 | 7.23          | 6.76          | 7.38          | 6.97                                       | 13.11                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
| 149                | 5745             |                    |                 | 15.86         | 15.80         | 16.35         | 16.32                                      | 22.13                            | 23.98 | Pass  | 34    | 34    | 34 | 34 |    |    |
| 157                | 5785             |                    |                 | 16.10         | 15.72         | 16.25         | 15.79                                      | 21.99                            | 23.98 | Pass  | 34    | 34    | 34 | 34 |    |    |
| 165                | 5825             |                    |                 | 15.87         | 15.83         | 16.10         | 15.82                                      | 21.93                            | 23.98 | Pass  | 34    | 34    | 34 | 34 |    |    |
| Mode:              | 802.11ax(40MHz)  |                    |                 | Data Rate:    | HEMNSS1       |               |  |                                  |       |       |       |       |    |    |    |    |
| Conducted power    |                  |                    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
| MIMO Mode(4TX+4RX) |                  |                    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
| Tnom (25 °C)       | Vnom (120V)      |                    |                 | 38            | 5190          | 7.70          | 8.02                                       | 7.89                             | 8.08  | 13.95 | 23.98 | Pass  | 51 | 51 | 51 | 51 |
|                    |                  | 46                 | 5230            | 7.61          | 7.89          | 8.05          | 8.24                                       | 13.97                            | 23.98 | Pass  | 51    | 51    | 51 | 51 |    |    |
|                    |                  | 52                 | 5270            | 7.01          | 6.82          | 7.11          | 7.11                                       | 13.03                            | 17.98 | Pass  | 53    | 53    | 53 | 53 |    |    |
|                    |                  | 60                 | 5310            | 6.94          | 6.96          | 7.08          | 7.06                                       | 13.03                            | 17.98 | Pass  | 52    | 52    | 52 | 52 |    |    |
|                    |                  | 102                | 5510            | 6.98          | 6.79          | 7.32          | 7.21                                       | 13.10                            | 17.98 | Pass  | 52    | 52    | 52 | 52 |    |    |
|                    |                  | 110                | 5550            | 6.93          | 6.79          | 7.44          | 7.04                                       | 13.08                            | 17.98 | Pass  | 52    | 52    | 52 | 52 |    |    |
|                    |                  | 134                | 5670            | 7.07          | 6.43          | 7.65          | 6.90                                       | 13.06                            | 17.98 | Pass  | 52    | 52    | 52 | 52 |    |    |
|                    |                  | 151                | 5755            | 15.83         | 16.03         | 16.35         | 16.35                                      | 22.14                            | 23.98 | Pass  | 33    | 33    | 33 | 33 |    |    |
|                    |                  | 159                | 5795            | 15.79         | 15.64         | 16.18         | 16.11                                      | 21.96                            | 23.98 | Pass  | 33    | 33    | 33 | 33 |    |    |
|                    |                  | Mode:              | 802.11ax(80MHz) | Data Rate:    | HEMNSS1       |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | Conducted power    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | MIMO Mode(4TX+4RX) |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
|                    |                  | Tnom (25 °C)       | Vnom (120V)     | 42            | 5210          | 7.78          | 8.50                                       | 8.27                             | 8.37  | 14.26 | 23.98 | Pass  | 51 | 51 | 51 | 51 |
|                    |                  |                    |                 | 58            | 5290          | 6.90          | 7.08                                       | 6.73                             | 7.03  | 12.96 | 17.98 | Pass  | 52 | 52 | 52 | 52 |
|                    |                  |                    |                 | 106           | 5530          | 6.68          | 6.75                                       | 6.96                             | 6.37  | 12.70 | 17.98 | Pass  | 52 | 52 | 52 | 52 |
|                    |                  |                    |                 | 122           | 5610          | 6.75          | 6.64                                       | 6.96                             | 6.35  | 12.70 | 17.98 | Pass  | 52 | 52 | 52 | 52 |
| 155                | 5775             |                    |                 | 13.79         | 13.52         | 13.93         | 13.93                                      | 19.82                            | 23.98 | Pass  | 38    | 38    | 38 | 38 |    |    |
| Mode:              | 802.11ax(160MHz) |                    |                 | Data Rate:    | HEMNSS1       |               |  |                                  |       |       |       |       |    |    |    |    |
| Conducted power    |                  |                    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
| MIMO Mode(4TX+4RX) |                  |                    |                 |               |               |               |  |                                  |       |       |       |       |    |    |    |    |
| Tnom (25 °C)       | Vnom (120V)      |                    |                 | 50            | 5250          | 6.98          | 6.92                                       | 7.02                             | 7.11  | 13.02 | 19.28 | Pass  | 50 | 50 | 50 | 50 |
|                    |                  |                    |                 | 114           | 5570          | 6.64          | 6.05                                       | 6.83                             | 6.45  | 12.52 | 19.28 | Pass  | 50 | 50 | 50 | 50 |

**FCC 5GHz Power Table-ETH6(Outdoors and elevation angle > 30°)**



| Standard:                           | FCC Part 15.407 |            | Test Date:                           | 2021.01.05    |                       | Temperature: | 25°C        |                          | Humidity:  | 55%RH       |       |       |       |       |
|-------------------------------------|-----------------|------------|--------------------------------------|---------------|-----------------------|--------------|-------------|--------------------------|------------|-------------|-------|-------|-------|-------|
| Project No.:                        | 20B0117R        |            |                                      | Product Name: | Wireless Access Point |              | Model Name: | AP510CX                  |            | Test Site:  | TR8   |       |       |       |
| Antenna Gain(dBi)                   | Ant 3 0.00      |            | Ant 5 0.00                           |               | Ant 6 0.00            |              | Ant 7 0.00  |                          |            |             |       |       |       |       |
| 2'2 CDD-Directional Gain-Power(dBi) | 0.00            |            | 2'2 BF-Directional Gain-Power(dBi)   |               | 3.01                  |              |             |                          |            |             |       |       |       |       |
| 4'4 CDD-Directional Gain-Power(dBi) | 0.00            |            | 4'4 BF-Directional Gain-Power(dBi)   |               | 6.02                  |              |             |                          |            |             |       |       |       |       |
| Antenna Technology:                 | CDD 2'2         |            |                                      |               |                       |              |             |                          |            |             |       |       |       |       |
| Mode:                               | 802.11a         | Data Rate: | 6Mbps                                |               | Conducted power       |              |             |                          | EIRP       |             |       |       |       |       |
| Test Conditions                     | Channel         | Frequency  | MIMO Mode(2TX+2RX)                   |               |                       |              | Total Power | Limit                    |            | Power Index |       |       |       |       |
|                                     |                 |            | Ant 1+2 Reading Level Avg. (dBm)     |               |                       |              |             | Avg. (dBm) (Ant 1+2)     | Avg. (dBm) | Pass/Fail   | Ant 3 | Ant 5 |       |       |
|                                     |                 |            | (MHz)                                | Ant3          | Ant5                  |              |             |                          |            |             |       |       |       |       |
| Tnom (25 °C)                        | Vnom (120V)     | 36         | 5180                                 | 17.53         | 17.09                 | 20.33        | 21.00       | Pass                     | 33.00      | 33.00       |       |       |       |       |
|                                     |                 | 44         | 5220                                 | 17.24         | 17.23                 | 20.25        | 21.00       | Pass                     | 33.00      | 33.00       |       |       |       |       |
|                                     |                 | 48         | 5240                                 | 16.91         | 17.20                 | 20.07        | 21.00       | Pass                     | 33.00      | 33.00       |       |       |       |       |
| Mode:                               | 802.11a         | Data Rate: | 6Mbps                                |               | Conducted power       |              |             |                          | EIRP       |             |       |       |       |       |
| Test Conditions                     | Channel         | Frequency  | MIMO Mode(4TX+4RX)                   |               |                       |              | Total Power | Limit                    |            | Power Index |       |       |       |       |
|                                     |                 |            | Ant 1+2+3+4 Reading Level Avg. (dBm) |               |                       |              |             | Avg. (dBm) (Ant 1+2+3+4) | Avg. (dBm) | Pass/Fail   | Ant 3 | Ant 5 | Ant 6 | Ant 7 |
|                                     |                 |            | (MHz)                                | Ant3          | Ant5                  | Ant6         |             |                          |            |             |       |       |       |       |
| Tnom (25 °C)                        | Vnom (120V)     | 36         | 5180                                 | 14.39         | 14.48                 | 14.26        | 14.29       | 20.38                    | 21.00      | Pass        | 39    | 39    | 39    | 39    |

| Mode:              |             | 802.11ax(20MHz) |               | Data Rate:    |               | HEONSS1       |             | Conducted power |            |       |       | EIRP  |       |           | Power Index |  |  |  |
|--------------------|-------------|-----------------|---------------|---------------|---------------|---------------|-------------|-----------------|------------|-------|-------|-------|-------|-----------|-------------|--|--|--|
| Test Cg Conditions | Channel     | Frequency (MHz) | Ant 1+2+3+4   |               |               |               | Total Power | Limit           |            | Ant 3 | Ant 5 | Ant 6 | Ant 7 |           |             |  |  |  |
|                    |             |                 | Reading Level | Reading Level | Reading Level | Reading Level |             | Avg. (dBm)      | Avg. (dBm) |       |       |       |       | Pass/Fail |             |  |  |  |
|                    |             |                 | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    |             | Avg. (dBm)      | Avg. (dBm) |       |       |       |       | Pass/Fail |             |  |  |  |
| Tnom (25°C)        | Vnom (120V) | 36              | 5180          | 14.22         | 14.34         | 14.16         | 14.10       | 20.23           | 21.00      | Pass  | 39    | 39    | 39    | 39        |             |  |  |  |
|                    |             | 44              | 5220          | 13.94         | 14.27         | 14.02         | 14.12       | 20.11           | 21.00      | Pass  | 39    | 39    | 39    | 39        |             |  |  |  |
|                    |             | 48              | 5240          | 13.75         | 14.21         | 13.84         | 14.01       | 19.98           | 21.00      | Pass  | 39    | 39    | 39    | 39        |             |  |  |  |

| Antenna Technology: |             | 802.11n(20MHz)  |               | Data Rate:    |               | MCS0          |             | Conducted power |            |       |       | EIRP      |  |  | Power Index |  |  |  |
|---------------------|-------------|-----------------|---------------|---------------|---------------|---------------|-------------|-----------------|------------|-------|-------|-----------|--|--|-------------|--|--|--|
| Test Cg Conditions  | Channel     | Frequency (MHz) | Ant 1+2       |               |               |               | Total Power | Limit           |            | Ant 3 | Ant 5 |           |  |  |             |  |  |  |
|                     |             |                 | Reading Level | Reading Level | Reading Level | Reading Level |             | Avg. (dBm)      | Avg. (dBm) |       |       | Pass/Fail |  |  |             |  |  |  |
|                     |             |                 | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    |             | Avg. (dBm)      | Avg. (dBm) |       |       | Pass/Fail |  |  |             |  |  |  |
| Tnom (25°C)         | Vnom (120V) | 36              | 5180          | 14.29         | 14.16         | 20.25         | 21.00       | Pass            | 39         | 39    |       |           |  |  |             |  |  |  |
|                     |             | 44              | 5220          | 14.06         | 14.14         | 20.12         | 21.00       | Pass            | 39         | 39    |       |           |  |  |             |  |  |  |
|                     |             | 48              | 5240          | 13.85         | 14.03         | 19.95         | 21.00       | Pass            | 39         | 39    |       |           |  |  |             |  |  |  |

| Antenna Technology: |             | 802.11n(20MHz)  |               | Data Rate:    |               | MCS0          |             | Conducted power |            |       |       | EIRP  |       |           | Power Index |  |  |  |
|---------------------|-------------|-----------------|---------------|---------------|---------------|---------------|-------------|-----------------|------------|-------|-------|-------|-------|-----------|-------------|--|--|--|
| Test Cg Conditions  | Channel     | Frequency (MHz) | Ant 1+2+3+4   |               |               |               | Total Power | Limit           |            | Ant 3 | Ant 5 | Ant 6 | Ant 7 |           |             |  |  |  |
|                     |             |                 | Reading Level | Reading Level | Reading Level | Reading Level |             | Avg. (dBm)      | Avg. (dBm) |       |       |       |       | Pass/Fail |             |  |  |  |
|                     |             |                 | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm)    |             | Avg. (dBm)      | Avg. (dBm) |       |       |       |       | Pass/Fail |             |  |  |  |
| Tnom (25°C)         | Vnom (120V) | 36              | 5180          | 8.54          | 8.47          | 7.93          | 8.31        | 20.36           | 21.00      | Pass  | 51    | 51    | 51    | 51        |             |  |  |  |
|                     |             | 44              | 5220          | 8.32          | 8.66          | 8.30          | 8.48        | 20.48           | 21.00      | Pass  | 51    | 51    | 51    | 51        |             |  |  |  |
|                     |             | 48              | 5240          | 8.16          | 8.54          | 8.23          | 8.33        | 20.36           | 21.00      | Pass  | 51    | 51    | 51    | 51        |             |  |  |  |

| Mode            | 802.11ac(80MHz) | Data Rate          | MCS0NSS1              | MIMO Mode(4TX+4RX)    |                       |                       |             |                             |            |       | Power Index |             |       |           |  |
|-----------------|-----------------|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------|-----------------------------|------------|-------|-------------|-------------|-------|-----------|--|
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power | Limit                       |            | Ant 3 | Ant 5       | Ant 6       | Ant 7 |           |  |
|                 |                 |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |             | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) |       |             |             |       | Pass/Fail |  |
|                 |                 |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            |             |                             |            |       |             |             |       |           |  |
| Tnom (25°C)     | Vnom (120V)     | 42                 | 5210                  | 7.84                  | 8.38                  | 8.19                  | 8.35        | 20.24                       | 21.00      | Pass  | 51          | 51          | 51    | 51        |  |
| Conducted power |                 |                    |                       | MIMO Mode(4TX+4RX)    |                       |                       |             | EIRP                        |            |       |             | Power Index |       |           |  |
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power | Limit                       |            | Ant 3 | Ant 5       | Ant 6       | Ant 7 |           |  |
|                 |                 |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |             | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) |       |             |             |       | Pass/Fail |  |
|                 |                 |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            |             |                             |            |       |             |             |       |           |  |
| Tnom (25°C)     | Vnom (120V)     | 36                 | 5180                  | 8.60                  | 8.45                  | 7.97                  | 8.30        | 20.35                       | 21.00      | Pass  | 51          | 51          | 51    | 51        |  |
|                 |                 | 44                 | 5220                  | 8.33                  | 8.57                  | 8.18                  | 8.43        | 20.42                       | 21.00      | Pass  | 51          | 51          | 51    | 51        |  |
|                 |                 | 48                 | 5240                  | 8.16                  | 8.51                  | 8.28                  | 8.35        | 20.37                       | 21.00      | Pass  | 51          | 51          | 51    | 51        |  |
| Conducted power |                 |                    |                       | MIMO Mode(4TX+4RX)    |                       |                       |             | EIRP                        |            |       |             | Power Index |       |           |  |
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power | Limit                       |            | Ant 3 | Ant 5       | Ant 6       | Ant 7 |           |  |
|                 |                 |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |             | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) |       |             |             |       | Pass/Fail |  |
|                 |                 |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            |             |                             |            |       |             |             |       |           |  |
| Tnom (25°C)     | Vnom (120V)     | 38                 | 5190                  | 7.70                  | 8.02                  | 7.89                  | 8.08        | 19.97                       | 21.00      | Pass  | 51          | 51          | 51    | 51        |  |
|                 |                 | 46                 | 5230                  | 7.61                  | 7.89                  | 8.05                  | 8.24        | 19.99                       | 21.00      | Pass  | 51          | 51          | 51    | 51        |  |
| Conducted power |                 |                    |                       | MIMO Mode(4TX+4RX)    |                       |                       |             | EIRP                        |            |       |             | Power Index |       |           |  |
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power | Limit                       |            | Ant 3 | Ant 5       | Ant 6       | Ant 7 |           |  |
|                 |                 |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |             | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) |       |             |             |       | Pass/Fail |  |
|                 |                 |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            |             |                             |            |       |             |             |       |           |  |
| Tnom (25°C)     | Vnom (120V)     | 42                 | 5210                  | 7.78                  | 8.50                  | 8.27                  | 8.37        | 20.28                       | 21.00      | Pass  | 51          | 51          | 51    | 51        |  |
| Conducted power |                 |                    |                       | MIMO Mode(4TX+4RX)    |                       |                       |             | EIRP                        |            |       |             | Power Index |       |           |  |
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power | Limit                       |            | Ant 3 | Ant 5       | Ant 6       | Ant 7 |           |  |
|                 |                 |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |             | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) |       |             |             |       | Pass/Fail |  |
|                 |                 |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            |             |                             |            |       |             |             |       |           |  |
| Tnom (25°C)     | Vnom (120V)     | 42                 | 5210                  | 6.96                  | 6.92                  | 7.02                  | 7.11        | 19.04                       | 21.00      | Pass  | 49          | 49          | 49    | 49        |  |





|                 |                  |             |               |                    |               |               |            |       |            |             |       |  |
|-----------------|------------------|-------------|---------------|--------------------|---------------|---------------|------------|-------|------------|-------------|-------|--|
| Tnom (25 °C)    | Vnom (120V)      | 42          | 5210          | 10.62              | 10.44         | 10.59         | 10.63      | 16.59 | 30.00      | Pass        |       |  |
|                 |                  | 58          | 5290          | 11.45              | 11.52         | 11.53         | 11.34      | 17.48 | 24.00      | Pass        |       |  |
|                 |                  | 106         | 5530          | 12.49              | 12.45         | 12.56         | 12.57      | 18.54 | 24.00      | Pass        |       |  |
|                 |                  | 122         | 5610          | 15.59              | 15.36         | 15.53         | 15.54      | 21.53 | 24.00      | Pass        |       |  |
|                 |                  | 155         | 5775          | 13.51              | 13.48         | 13.51         | 13.47      | 19.51 | 30.00      | Pass        |       |  |
| Mode:           | 802.11ax(160MHz) | Data Rate:  | HE36NSS4      | Conducted power    |               |               |            |       |            |             |       |  |
|                 |                  |             |               | MIMO Mode(4TX+4RX) |               |               |            |       |            |             |       |  |
| Test Conditions | Channel          | Ant 1+2+3+4 |               |                    |               |               |            |       |            | Total Power | Limit |  |
|                 |                  | Frequency   | Ant1          | Ant2               | Ant3          | Ant4          |            |       |            |             |       |  |
|                 |                  |             | Reading Level | Reading Level      | Reading Level | Reading Level |            |       |            |             |       |  |
|                 |                  | (MHz)       | Avg. (dBm)    | Avg. (dBm)         | Avg. (dBm)    | Avg. (dBm)    | Avg. (dBm) |       | Avg. (dBm) | Pass/Fail   |       |  |
| Tnom (25 °C)    | Vnom (120V)      | 50          | 5250          | 11.38              | 11.46         | 11.50         | 11.54      | 17.49 | 24.00      | Pass        |       |  |
|                 |                  | 114         | 5570          | 12.56              | 12.82         | 12.71         | 12.86      | 18.76 | 24.00      | Pass        |       |  |



# FCC Power - Sector Antenna

| FCC 5GHz Power Table-ETH7           |                  |                 |             |                                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|-------------------------------------|------------------|-----------------|-------------|------------------------------------|------------|---------------|---------------|-----------------------|-------------|-------------|------------|-------------------|------------|-------|-------------|-------|-------------|
| Standard:                           |                  | FCC Part 15.407 | Test Date:  |                                    | 2021.01.05 |               | Temperature:  |                       | 25°C        |             | Humidity:  |                   | 55%RH      |       |             |       |             |
| Project No.:                        |                  |                 | 2080117R    |                                    |            | Product Name: |               | Wireless Access Point |             | Model Name: |            | AP510CX           | Test Site: | TR8   |             |       |             |
| Antenna Gain(dBi)                   |                  | Ant 1           |             | 7.20                               |            | Ant 2         |               | 7.20                  |             | Ant 3       |            | 7.20              |            | Ant 4 |             | 7.20  |             |
| 2*2 CDD-Directional Gain-Power(dBi) |                  | 7.20            |             | 2*2 BF-Directional Gain-Power(dBi) |            | 10.21         |               |                       |             |             |            |                   |            |       |             |       |             |
| 4*4 CDD-Directional Gain-Power(dBi) |                  | 7.20            |             | 4*4 BF-Directional Gain-Power(dBi) |            | 13.22         |               |                       |             |             |            |                   |            |       |             |       |             |
| Antenna Technology:                 |                  |                 |             |                                    |            |               |               |                       |             |             |            | CDD 2*2           |            |       |             |       |             |
| Mode:                               | 802.11a          | Data Rate:      | 6Mbps       | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 36              | 5180        | 14.26                              | 13.83      | 17.06         | 17.06         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 44              | 5220        | 13.71                              | 13.33      | 16.53         | 16.53         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 48              | 5240        | 14.07                              | 13.46      | 16.79         | 16.79         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 52              | 5260        | 16.75                              | 16.25      | 19.52         | 19.52         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
|                                     |                  | 60              | 5300        | 16.31                              | 15.80      | 19.07         | 19.07         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
|                                     |                  | 64              | 5320        | 16.51                              | 15.98      | 19.26         | 19.26         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
| Mode:                               | 802.11n(20MHz)   | Data Rate:      | MCS0        | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 36              | 5180        | 14.13                              | 13.88      | 17.02         | 17.02         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 44              | 5220        | 14.35                              | 14.01      | 17.19         | 17.19         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 48              | 5240        | 14.17                              | 13.74      | 16.97         | 16.97         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 52              | 5260        | 16.75                              | 16.23      | 19.51         | 19.51         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
|                                     |                  | 60              | 5300        | 16.35                              | 15.86      | 19.12         | 19.12         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
|                                     |                  | 64              | 5320        | 16.48                              | 16.90      | 19.25         | 19.25         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
| Mode:                               | 802.11n(40MHz)   | Data Rate:      | MCS0        | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 38              | 5190        | 14.61                              | 14.17      | 17.41         | 17.41         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 46              | 5230        | 14.41                              | 13.94      | 17.19         | 17.19         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 52              | 5270        | 14.83                              | 14.32      | 17.59         | 17.59         | 22.80                 | Pass        | 38          | 38         |                   |            |       |             |       |             |
|                                     |                  | 60              | 5310        | 14.45                              | 14.05      | 17.26         | 17.26         | 22.80                 | Pass        | 38          | 38         |                   |            |       |             |       |             |
| Mode:                               | 802.11ac(20MHz)  | Data Rate:      | MCS0NS51    | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 36              | 5180        | 14.19                              | 13.86      | 17.04         | 17.04         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 44              | 5220        | 14.04                              | 13.76      | 16.91         | 16.91         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 48              | 5240        | 14.18                              | 13.75      | 16.98         | 16.98         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 52              | 5260        | 16.74                              | 16.24      | 19.51         | 19.51         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
|                                     |                  | 60              | 5300        | 16.33                              | 15.84      | 19.10         | 19.10         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
|                                     |                  | 64              | 5320        | 16.49                              | 16.00      | 19.26         | 19.26         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
| Mode:                               | 802.11ac(40MHz)  | Data Rate:      | MCS0NS51    | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 38              | 5190        | 14.11                              | 13.62      | 16.88         | 16.88         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 46              | 5230        | 14.68                              | 14.07      | 17.40         | 17.40         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 52              | 5270        | 14.81                              | 14.31      | 17.58         | 17.58         | 22.80                 | Pass        | 38          | 38         |                   |            |       |             |       |             |
|                                     |                  | 60              | 5310        | 14.44                              | 14.03      | 17.25         | 17.25         | 22.80                 | Pass        | 38          | 38         |                   |            |       |             |       |             |
| Mode:                               | 802.11ac(80MHz)  | Data Rate:      | MCS0NS51    | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 42              | 5210        | 14.06                              | 13.98      | 17.03         | 17.03         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 58              | 5290        | 13.68                              | 13.35      | 16.53         | 16.53         | 22.80                 | Pass        | 39          | 39         |                   |            |       |             |       |             |
| Mode:                               | 802.11ax(20MHz)  | Data Rate:      | HE0NS51     | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 36              | 5180        | 14.19                              | 13.75      | 16.99         | 16.99         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 44              | 5220        | 14.24                              | 13.84      | 17.05         | 17.05         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 48              | 5240        | 14.39                              | 13.93      | 17.17         | 17.17         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 52              | 5260        | 16.71                              | 16.22      | 19.48         | 19.48         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
|                                     |                  | 60              | 5300        | 16.37                              | 15.86      | 19.13         | 19.13         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
|                                     |                  | 64              | 5320        | 16.48                              | 15.99      | 19.25         | 19.25         | 22.80                 | Pass        | 36          | 36         |                   |            |       |             |       |             |
| Mode:                               | 802.11ax(40MHz)  | Data Rate:      | HE0NS51     | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 38              | 5190        | 14.41                              | 14.01      | 17.22         | 17.22         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 46              | 5230        | 14.29                              | 13.86      | 17.09         | 17.09         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 52              | 5270        | 14.82                              | 14.30      | 17.58         | 17.58         | 22.80                 | Pass        | 38          | 38         |                   |            |       |             |       |             |
|                                     |                  | 60              | 5310        | 14.49                              | 14.07      | 17.30         | 17.30         | 22.80                 | Pass        | 38          | 38         |                   |            |       |             |       |             |
| Mode:                               | 802.11ax(80MHz)  | Data Rate:      | HE0NS51     | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 42              | 5210        | 14.52                              | 14.41      | 17.48         | 17.48         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
|                                     |                  | 58              | 5290        | 13.71                              | 13.38      | 16.56         | 16.56         | 22.80                 | Pass        | 39          | 39         |                   |            |       |             |       |             |
| Mode:                               | 802.11ax(160MHz) | Data Rate:      | HE0NS51     | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(2T*2RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2     |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Power Index |       |             |
|                                     |                  | (MHz)           | Ant3        | Ant5                               | Avg. (dBm) | Avg. (dBm)    | Ant 1+2       | Avg. (dBm)            | Pass/Fail   | Ant 3       | Ant 5      | Power Index       |            |       |             |       |             |
| Tnom (25°C)                         | Vnom (120V)      | 50              | 5250        | 14.30                              | 13.96      | 17.14         | 17.14         | 28.80                 | Pass        | 43          | 43         |                   |            |       |             |       |             |
| Antenna Technology:                 |                  |                 |             |                                    |            |               |               |                       |             |             |            | CDD 4*4           |            |       |             |       |             |
| Mode:                               | 802.11a          | Data Rate:      | 6Mbps       | Conducted power                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            | MIMO Mode(4T*4RX) |            |       |             |       |             |
| Test Conditions                     | Channel          | Frequency       | Ant 1+2+3+4 |                                    |            |               | Reading Level | Avg. (dBm)            | Total Power | Limit       | Avg. (dBm) | Pass/Fail         | Ant 3      | Ant 5 | Ant 6       | Ant 7 | Power Index |
|                                     |                  |                 |             |                                    |            |               |               |                       |             |             |            |                   |            |       |             |       |             |

| Frequency (MHz) |                 | 11.90               |                  | 11.39                |          | 11.21                |       | 11.49                |       | 17.53              |    | 22.80                    |    | Pass                     |  | 44         |  | 44          |  | 44          |  | 44          |  |       |  |       |  |  |
|-----------------|-----------------|---------------------|------------------|----------------------|----------|----------------------|-------|----------------------|-------|--------------------|----|--------------------------|----|--------------------------|--|------------|--|-------------|--|-------------|--|-------------|--|-------|--|-------|--|--|
| Mode:           |                 | 802.11ac(20MHz)     |                  | Data Rate:           |          | MCS0NSS1             |       | Conducted power      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  | Power Index |  |       |  |       |  |  |
| Test Conditions | Channel         | Frequency           |                  | Ant3 Reading Level   |          | Ant5 Reading Level   |       | Ant6 Reading Level   |       | Ant7 Reading Level |    | Total Power              |    | Limit                    |  | Pass/Fail  |  | Ant 3       |  | Ant 5       |  | Ant 6       |  | Ant 7 |  |       |  |  |
|                 |                 | (MHz)               |                  | Avg. (dBm)           |          | Avg. (dBm)           |       | Avg. (dBm)           |       | Avg. (dBm)         |    | Avg. (dBm (Ant 1+2+3+4)) |    | Avg. (dBm)               |  | Pass/Fail  |  | Ant 3       |  | Ant 5       |  | Ant 6       |  | Ant 7 |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 36                  | 5180             | 11.92                | 11.46    | 10.89                | 11.14 | 17.39                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 44                  | 5220             | 11.38                | 11.23    | 10.62                | 10.88 | 17.66                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 48                  | 5240             | 11.66                | 11.30    | 10.87                | 11.28 | 17.30                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 52                  | 5260             | 11.65                | 11.18    | 10.93                | 11.13 | 17.25                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 60                  | 5300             | 11.70                | 11.18    | 10.93                | 11.07 | 17.25                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 64                  | 5320             | 11.21                | 11.35    | 11.08                | 11.28 | 17.25                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Mode:           | 802.11ac(40MHz) | Data Rate:          | MCS0NSS1         | Conducted power      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  | Power Index |  |             |  |             |  |       |  |       |  |  |
| Test Conditions | Channel         | Frequency           |                  | Ant3 Reading Level   |          | Ant5 Reading Level   |       | Ant6 Reading Level   |       | Ant7 Reading Level |    | Total Power              |    | Limit                    |  | Pass/Fail  |  | Ant 3       |  | Ant 5       |  | Ant 6       |  | Ant 7 |  |       |  |  |
|                 |                 | (MHz)               |                  | Avg. (dBm)           |          | Avg. (dBm)           |       | Avg. (dBm)           |       | Avg. (dBm)         |    | Avg. (dBm (Ant 1+2+3+4)) |    | Avg. (dBm)               |  | Pass/Fail  |  | Ant 3       |  | Ant 5       |  | Ant 6       |  | Ant 7 |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 36                  | 5180             | 11.40                | 10.84    | 10.45                | 10.71 | 16.83                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 46                  | 5230             | 11.16                | 10.74    | 10.29                | 10.75 | 16.77                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 52                  | 5270             | 11.82                | 11.38    | 11.19                | 11.50 | 17.50                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 60                  | 5310             | 11.62                | 11.20    | 11.02                | 11.31 | 17.31                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | Mode:               | 802.11ac(80MHz)  | Data Rate:           | MCS0NSS1 | Conducted power      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  | Power Index |  |             |  |       |  |       |  |  |
|                 |                 | Test Conditions     | Channel          | Frequency            |          | Ant3 Reading Level   |       | Ant5 Reading Level   |       | Ant6 Reading Level |    | Ant7 Reading Level       |    | Total Power              |  | Limit      |  | Pass/Fail   |  | Ant 3       |  | Ant 5       |  | Ant 6 |  | Ant 7 |  |  |
| (MHz)           |                 |                     |                  | Avg. (dBm)           |          | Avg. (dBm)           |       | Avg. (dBm)           |       | Avg. (dBm)         |    | Avg. (dBm (Ant 1+2+3+4)) |    | Avg. (dBm)               |  | Pass/Fail  |  | Ant 3       |  | Ant 5       |  | Ant 6       |  | Ant 7 |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 42                  | 5210             | 11.21                | 11.06    | 10.80                | 10.02 | 16.82                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 58                  | 5290             | 11.68                | 10.41    | 11.27                | 11.55 | 17.27                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | Mode:               | 802.11ax(20MHz)  | Data Rate:           | HE0NSS1  | Conducted power      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  | Power Index |  |             |  |       |  |       |  |  |
|                 |                 | Test Conditions     | Channel          | Frequency            |          | Ant3 Reading Level   |       | Ant5 Reading Level   |       | Ant6 Reading Level |    | Ant7 Reading Level       |    | Total Power              |  | Limit      |  | Pass/Fail   |  | Ant 3       |  | Ant 5       |  | Ant 6 |  | Ant 7 |  |  |
|                 |                 |                     |                  | (MHz)                |          | Avg. (dBm)           |       | Avg. (dBm)           |       | Avg. (dBm)         |    | Avg. (dBm)               |    | Avg. (dBm (Ant 1+2+3+4)) |  | Avg. (dBm) |  | Pass/Fail   |  | Ant 3       |  | Ant 5       |  | Ant 6 |  | Ant 7 |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 36                  | 5180             | 11.50                | 11.30    | 10.76                | 11.04 | 17.13                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 44                  | 5220             | 11.07                | 10.99    | 10.55                | 10.86 | 16.89                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 48                  | 5240             | 11.19                | 11.11    | 10.69                | 10.91 | 17.00                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 52                  | 5260             | 11.63                | 11.14    | 10.90                | 11.11 | 17.22                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 60                  | 5300             | 11.68                | 11.19    | 10.94                | 11.07 | 17.25                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 64                  | 5320             | 11.87                | 11.35    | 11.10                | 11.29 | 17.43                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Mode:           | 802.11ax(40MHz) | Data Rate:          | HE0NSS1          | Conducted power      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  | Power Index |  |             |  |             |  |       |  |       |  |  |
| Test Conditions | Channel         | Frequency           |                  | Ant3 Reading Level   |          | Ant5 Reading Level   |       | Ant6 Reading Level   |       | Ant7 Reading Level |    | Total Power              |    | Limit                    |  | Pass/Fail  |  | Ant 3       |  | Ant 5       |  | Ant 6       |  | Ant 7 |  |       |  |  |
|                 |                 | (MHz)               |                  | Avg. (dBm)           |          | Avg. (dBm)           |       | Avg. (dBm)           |       | Avg. (dBm)         |    | Avg. (dBm (Ant 1+2+3+4)) |    | Avg. (dBm)               |  | Pass/Fail  |  | Ant 3       |  | Ant 5       |  | Ant 6       |  | Ant 7 |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 38                  | 5190             | 11.30                | 10.97    | 10.63                | 10.92 | 16.98                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 46                  | 5230             | 11.18                | 10.77    | 10.51                | 10.73 | 16.82                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 52                  | 5270             | 11.93                | 11.42    | 11.24                | 11.54 | 17.56                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 60                  | 5310             | 11.56                | 11.15    | 10.98                | 11.25 | 17.25                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | Mode:               | 802.11ax(80MHz)  | Data Rate:           | HE0NSS1  | Conducted power      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  | Power Index |  |             |  |       |  |       |  |  |
|                 |                 | Test Conditions     | Channel          | Frequency            |          | Ant3 Reading Level   |       | Ant5 Reading Level   |       | Ant6 Reading Level |    | Ant7 Reading Level       |    | Total Power              |  | Limit      |  | Pass/Fail   |  | Ant 3       |  | Ant 5       |  | Ant 6 |  | Ant 7 |  |  |
| (MHz)           |                 |                     |                  | Avg. (dBm)           |          | Avg. (dBm)           |       | Avg. (dBm)           |       | Avg. (dBm)         |    | Avg. (dBm (Ant 1+2+3+4)) |    | Avg. (dBm)               |  | Pass/Fail  |  | Ant 3       |  | Ant 5       |  | Ant 6       |  | Ant 7 |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 42                  | 5210             | 11.02                | 10.97    | 10.95                | 10.92 | 16.50                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 58                  | 5290             | 10.87                | 10.54    | 10.45                | 10.52 | 16.62                | 22.80 | Pass               | 46 | 46                       | 46 | 46                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | Mode:               | 802.11ax(160MHz) | Data Rate:           | HE0NSS1  | Conducted power      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  | Power Index |  |             |  |       |  |       |  |  |
|                 |                 | Test Conditions     | Channel          | Frequency            |          | Ant3 Reading Level   |       | Ant5 Reading Level   |       | Ant6 Reading Level |    | Ant7 Reading Level       |    | Total Power              |  | Limit      |  | Pass/Fail   |  | Ant 3       |  | Ant 5       |  | Ant 6 |  | Ant 7 |  |  |
|                 |                 |                     |                  | (MHz)                |          | Avg. (dBm)           |       | Avg. (dBm)           |       | Avg. (dBm)         |    | Avg. (dBm)               |    | Avg. (dBm (Ant 1+2+3+4)) |  | Avg. (dBm) |  | Pass/Fail   |  | Ant 3       |  | Ant 5       |  | Ant 6 |  | Ant 7 |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 50                  | 5250             | 9.66                 | 10.32    | 9.69                 | 9.71  | 15.87                | 22.80 | Pass               | 44 | 44                       | 44 | 44                       |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | Antenna Technology: | Beamforming 2'2  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | Mode:               | 802.11n(20MHz)   | Data Rate:           | MCS0     | Conducted power      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  | Power Index |  |             |  |       |  |       |  |  |
|                 |                 | Test Conditions     | Channel          | Frequency            |          | Ant1+2 Reading Level |       | Total Power          |       | Limit              |    | Pass/Fail                |    | Ant 3                    |  | Ant 5      |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 |                     |                  | (MHz)                |          | Avg. (dBm)           |       | Avg. (dBm (Ant 1+2)) |       | Avg. (dBm)         |    | Pass/Fail                |    | Ant 3                    |  | Ant 5      |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 36                  | 5180             | 11.35                | 10.79    | 14.08                | 25.79 | Pass                 | 44    | 44                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 44                  | 5220             | 11.15                | 10.75    | 13.96                | 25.79 | Pass                 | 44    | 44                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 48                  | 5240             | 11.40                | 10.88    | 14.16                | 25.79 | Pass                 | 44    | 44                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 52                  | 5260             | 13.44                | 12.99    | 16.23                | 19.79 | Pass                 | 42    | 42                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 60                  | 5300             | 13.11                | 12.60    | 15.87                | 19.79 | Pass                 | 42    | 42                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 64                  | 5320             | 13.25                | 12.75    | 16.02                | 19.79 | Pass                 | 41    | 41                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Mode:           | 802.11n(40MHz)  | Data Rate:          | MCS0             | Conducted power      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  | Power Index |  |             |  |             |  |       |  |       |  |  |
| Test Conditions | Channel         | Frequency           |                  | Ant1+2 Reading Level |          | Total Power          |       | Limit                |       | Pass/Fail          |    | Ant 3                    |    | Ant 5                    |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | (MHz)               |                  | Avg. (dBm)           |          | Avg. (dBm (Ant 1+2)) |       | Avg. (dBm)           |       | Pass/Fail          |    | Ant 3                    |    | Ant 5                    |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 38                  | 5190             | 11.41                | 10.75    | 14.10                | 25.79 | Pass                 | 44    | 44                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 46                  | 5230             | 11.24                | 10.80    | 14.04                | 25.79 | Pass                 | 44    | 44                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 52                  | 5270             | 13.41                | 12.94    | 16.19                | 19.79 | Pass                 | 40    | 40                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 60                  | 5310             | 13.21                | 12.80    | 16.02                | 19.79 | Pass                 | 39    | 39                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | Mode:               | 802.11ac(20MHz)  | Data Rate:           | MCS0NSS1 | Conducted power      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  | Power Index |  |             |  |       |  |       |  |  |
|                 |                 | Test Conditions     | Channel          | Frequency            |          | Ant1+2 Reading Level |       | Total Power          |       | Limit              |    | Pass/Fail                |    | Ant 3                    |  | Ant 5      |  |             |  |             |  |             |  |       |  |       |  |  |
| (MHz)           |                 |                     |                  | Avg. (dBm)           |          | Avg. (dBm (Ant 1+2)) |       | Avg. (dBm)           |       | Pass/Fail          |    | Ant 3                    |    | Ant 5                    |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 36                  | 5180             | 11.28                | 10.82    | 14.08                | 25.79 | Pass                 | 44    | 44                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 44                  | 5220             | 11.21                | 10.85    | 14.04                | 25.79 | Pass                 | 44    | 44                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 48                  | 5240             | 11.44                | 10.88    | 14.18                | 25.79 | Pass                 | 44    | 44                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 52                  | 5260             | 13.43                | 12.96    | 16.21                | 19.79 | Pass                 | 42    | 42                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 60                  | 5300             | 13.05                | 12.55    | 15.82                | 19.79 | Pass                 | 42    | 42                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | 64                  | 5320             | 13.25                | 12.78    | 16.03                | 19.79 | Pass                 | 41    | 41                 |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Mode:           | 802.11ac(40MHz) | Data Rate:          | MCS0NSS1         | Conducted power      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  | Power Index |  |             |  |             |  |       |  |       |  |  |
| Test Conditions | Channel         | Frequency           |                  | Ant1+2 Reading Level |          | Total Power          |       | Limit                |       | Pass/Fail          |    | Ant 3                    |    | Ant 5                    |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 | (MHz)               |                  | Avg. (dBm)           |          | Avg. (dBm (Ant 1+2)) |       | Avg. (dBm)           |       | Pass/Fail          |    | Ant 3                    |    | Ant 5                    |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
|                 |                 |                     |                  |                      |          |                      |       |                      |       |                    |    |                          |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |
| Tnom (25°C)     | Vnom (120V)     | 38                  | 5190             | 11.38                | 10.85    | 14.13                | 25.79 | Pass                 | 44    | 44                 |    | </                       |    |                          |  |            |  |             |  |             |  |             |  |       |  |       |  |  |

| Test Conditions  | Channel          | Reading Level   |                  |                 |               | Total Power   | Limit                    |                          | Ant 3            |                          | Ant 5            |       |               |       |  |
|------------------|------------------|-----------------|------------------|-----------------|---------------|---------------|--------------------------|--------------------------|------------------|--------------------------|------------------|-------|---------------|-------|--|
|                  |                  | Frequency (MHz) | Ant3             |                 | Ant5          |               | Avg. (dBm) (Ant 1+2)     | Pass/Fail                |                  |                          |                  |       |               |       |  |
|                  |                  |                 | Avg. (dBm)       | Reading Level   | Avg. (dBm)    |               |                          |                          |                  |                          |                  |       | Reading Level |       |  |
| Tnom (25°C)      | Vnom (120V)      | 42              | 5210             | 11.10           | 10.72         | 13.92         | 25.79                    | Pass                     | 44               | 44                       | 44               |       |               |       |  |
|                  |                  | 58              | 5290             | 13.38           | 13.09         | 16.25         | 19.79                    | Pass                     | 39               | 39                       | 39               |       |               |       |  |
| Mode:            | 802.11ax(160MHz) | Data Rate:      | HEONSS1          |                 |               |               | Conducted power          |                          | MIMO Mode(4T*4R) |                          | Power Index      |       |               |       |  |
| Test Conditions  | Channel          | Reading Level   |                  |                 |               | Total Power   | Limit                    |                          | Ant 3            |                          | Ant 5            |       |               |       |  |
|                  |                  | Frequency (MHz) | Ant3             |                 | Ant5          |               | Avg. (dBm) (Ant 1+2)     | Pass/Fail                |                  |                          |                  |       |               |       |  |
|                  |                  |                 | Avg. (dBm)       | Reading Level   | Avg. (dBm)    |               |                          |                          |                  |                          |                  |       | Reading Level |       |  |
| Tnom (25°C)      | Vnom (120V)      | 50              | 5250             | 9.84            | 9.44          | 12.65         | 25.79                    | Pass                     | 50               | 50                       | 50               |       |               |       |  |
|                  |                  | 58              | 5290             | 13.38           | 13.09         | 16.25         | 19.79                    | Pass                     | 39               | 39                       | 39               |       |               |       |  |
| Mode:            | 802.11ax(160MHz) | Data Rate:      | HEONSS1          |                 |               |               | Conducted power          |                          | MIMO Mode(4T*4R) |                          | Power Index      |       |               |       |  |
| Resonforming 4T4 |                  |                 |                  |                 |               |               |                          |                          |                  |                          |                  |       |               |       |  |
| Mode:            | 802.11n(20MHz)   | Data Rate:      | MCS0             |                 |               |               | Conducted power          |                          | MIMO Mode(4T*4R) |                          | Power Index      |       |               |       |  |
| Test Conditions  | Channel          | Frequency (MHz) | Reading Level    |                 |               |               | Total Power              | Limit                    |                  | Ant 3                    |                  | Ant 5 |               |       |  |
|                  |                  |                 | Ant3             |                 | Ant5          |               |                          | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail        |                          |                  |       |               |       |  |
|                  |                  |                 | Avg. (dBm)       | Reading Level   | Avg. (dBm)    | Reading Level |                          |                          |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 36              | 5180             | 5.49            | 5.05          | 4.56          | 4.74                     | 11.00                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 44              | 5220             | 5.33            | 4.90          | 4.41          | 4.74                     | 10.85                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 48              | 5240             | 5.57            | 4.98          | 4.63          | 4.76                     | 11.02                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 52              | 5260             | 7.33            | 6.81          | 6.58          | 6.78                     | 12.91                    | 16.78            | Pass                     | 53               | 53    | 53            |       |  |
|                  |                  | 60              | 5300             | 7.26            | 6.79          | 6.56          | 6.70                     | 12.85                    | 16.78            | Pass                     | 52               | 52    | 52            |       |  |
|                  |                  | 64              | 5320             | 7.35            | 6.95          | 6.71          | 6.92                     | 13.01                    | 16.78            | Pass                     | 51               | 51    | 51            |       |  |
| Mode:            | 802.11n(40MHz)   | Data Rate:      | MCS0             |                 |               |               | Conducted power          |                          | MIMO Mode(4T*4R) |                          | Power Index      |       |               |       |  |
| Test Conditions  | Channel          | Frequency (MHz) | Reading Level    |                 |               |               | Total Power              | Limit                    |                  | Ant 3                    |                  | Ant 5 |               |       |  |
|                  |                  |                 | Ant3             |                 | Ant5          |               |                          | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail        |                          |                  |       |               |       |  |
|                  |                  |                 | Avg. (dBm)       | Reading Level   | Avg. (dBm)    | Reading Level |                          |                          |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 38              | 5190             | 5.60            | 4.96          | 4.61          | 5.00                     | 11.63                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 46              | 5230             | 5.45            | 4.95          | 4.55          | 4.79                     | 10.97                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 52              | 5270             | 7.41            | 6.95          | 6.77          | 7.08                     | 13.08                    | 16.78            | Pass                     | 51               | 51    | 51            |       |  |
|                  |                  | 60              | 5310             | 7.27            | 6.85          | 6.68          | 6.96                     | 12.97                    | 16.78            | Pass                     | 50               | 50    | 50            |       |  |
|                  |                  | Mode:           | 802.11ac(20MHz)  | Data Rate:      | MCS0NSS1      |               |                          |                          | Conducted power  |                          | MIMO Mode(4T*4R) |       | Power Index   |       |  |
|                  |                  | Test Conditions | Channel          | Frequency (MHz) | Reading Level |               |                          |                          | Total Power      | Limit                    |                  | Ant 3 |               | Ant 5 |  |
| Ant3             |                  |                 |                  |                 | Ant5          |               | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail                |                  |                          |                  |       |               |       |  |
| Avg. (dBm)       | Reading Level    |                 |                  |                 | Avg. (dBm)    | Reading Level |                          |                          |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 36              | 5180             | 5.44            | 5.10          | 4.56          | 4.87                     | 11.63                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 44              | 5220             | 5.26            | 4.85          | 4.28          | 4.77                     | 10.82                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 48              | 5240             | 5.44            | 5.10          | 4.65          | 4.89                     | 11.05                    | 22.78            | Pass                     | 45               | 45    | 45            |       |  |
|                  |                  | 52              | 5260             | 7.32            | 6.83          | 6.59          | 6.80                     | 12.91                    | 16.78            | Pass                     | 53               | 53    | 53            |       |  |
|                  |                  | 60              | 5300             | 7.21            | 6.90          | 6.54          | 6.70                     | 12.84                    | 16.78            | Pass                     | 52               | 52    | 52            |       |  |
|                  |                  | 64              | 5320             | 7.35            | 6.98          | 6.70          | 6.90                     | 13.01                    | 16.78            | Pass                     | 51               | 51    | 51            |       |  |
| Mode:            | 802.11ac(40MHz)  | Data Rate:      | MCS0NSS1         |                 |               |               | Conducted power          |                          | MIMO Mode(4T*4R) |                          | Power Index      |       |               |       |  |
| Test Conditions  | Channel          | Frequency (MHz) | Reading Level    |                 |               |               | Total Power              | Limit                    |                  | Ant 3                    |                  | Ant 5 |               |       |  |
|                  |                  |                 | Ant3             |                 | Ant5          |               |                          | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail        |                          |                  |       |               |       |  |
|                  |                  |                 | Avg. (dBm)       | Reading Level   | Avg. (dBm)    | Reading Level |                          |                          |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 38              | 5190             | 5.63            | 4.97          | 4.62          | 5.02                     | 11.10                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 46              | 5230             | 5.26            | 4.94          | 4.43          | 4.85                     | 10.90                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 52              | 5270             | 7.44            | 7.00          | 6.83          | 7.13                     | 13.13                    | 16.78            | Pass                     | 51               | 51    | 51            |       |  |
|                  |                  | 60              | 5310             | 7.27            | 6.84          | 6.67          | 6.96                     | 12.96                    | 16.78            | Pass                     | 50               | 50    | 50            |       |  |
|                  |                  | Mode:           | 802.11ac(80MHz)  | Data Rate:      | MCS0NSS1      |               |                          |                          | Conducted power  |                          | MIMO Mode(4T*4R) |       | Power Index   |       |  |
|                  |                  | Test Conditions | Channel          | Frequency (MHz) | Reading Level |               |                          |                          | Total Power      | Limit                    |                  | Ant 3 |               | Ant 5 |  |
| Ant3             |                  |                 |                  |                 | Ant5          |               | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail                |                  |                          |                  |       |               |       |  |
| Avg. (dBm)       | Reading Level    |                 |                  |                 | Avg. (dBm)    | Reading Level |                          |                          |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 42              | 5210             | 5.81            | 5.31          | 5.29          | 5.10                     | 11.41                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 58              | 5290             | 7.48            | 7.18          | 7.13          | 7.22                     | 13.27                    | 16.78            | Pass                     | 50               | 50    | 50            |       |  |
|                  |                  | Mode:           | 802.11ax(20MHz)  | Data Rate:      | HEONSS1       |               |                          |                          | Conducted power  |                          | MIMO Mode(4T*4R) |       | Power Index   |       |  |
|                  |                  | Test Conditions | Channel          | Frequency (MHz) | Reading Level |               |                          |                          | Total Power      | Limit                    |                  | Ant 3 |               | Ant 5 |  |
|                  |                  |                 |                  |                 | Ant3          |               | Ant5                     |                          |                  | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail        |       |               |       |  |
|                  |                  |                 |                  |                 | Avg. (dBm)    | Reading Level | Avg. (dBm)               | Reading Level            |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 36              | 5180             | 5.58            | 5.01          | 4.50          | 4.77                     | 11.00                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 44              | 5220             | 5.36            | 4.85          | 4.30          | 4.60                     | 10.82                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 48              | 5240             | 5.56            | 5.07          | 4.52          | 4.83                     | 11.03                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 52              | 5260             | 7.09            | 6.72          | 6.48          | 6.68                     | 12.77                    | 16.78            | Pass                     | 53               | 53    | 53            |       |  |
|                  |                  | 60              | 5300             | 7.00            | 6.70          | 6.46          | 6.61                     | 12.72                    | 16.78            | Pass                     | 52               | 52    | 52            |       |  |
|                  |                  | 64              | 5320             | 7.33            | 6.94          | 6.69          | 6.90                     | 12.99                    | 16.78            | Pass                     | 51               | 51    | 51            |       |  |
| Mode:            | 802.11ax(40MHz)  | Data Rate:      | HEONSS1          |                 |               |               | Conducted power          |                          | MIMO Mode(4T*4R) |                          | Power Index      |       |               |       |  |
| Test Conditions  | Channel          | Frequency (MHz) | Reading Level    |                 |               |               | Total Power              | Limit                    |                  | Ant 3                    |                  | Ant 5 |               |       |  |
|                  |                  |                 | Ant3             |                 | Ant5          |               |                          | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail        |                          |                  |       |               |       |  |
|                  |                  |                 | Avg. (dBm)       | Reading Level   | Avg. (dBm)    | Reading Level |                          |                          |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 38              | 5190             | 5.65            | 5.04          | 4.64          | 4.94                     | 11.10                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 46              | 5230             | 5.28            | 4.98          | 4.59          | 4.76                     | 10.83                    | 22.78            | Pass                     | 59               | 59    | 59            |       |  |
|                  |                  | 52              | 5270             | 7.40            | 6.95          | 6.78          | 7.09                     | 13.08                    | 16.78            | Pass                     | 51               | 51    | 51            |       |  |
|                  |                  | 60              | 5310             | 7.28            | 6.87          | 6.67          | 6.95                     | 12.97                    | 16.78            | Pass                     | 50               | 50    | 50            |       |  |
|                  |                  | Mode:           | 802.11ax(80MHz)  | Data Rate:      | HEONSS1       |               |                          |                          | Conducted power  |                          | MIMO Mode(4T*4R) |       | Power Index   |       |  |
|                  |                  | Test Conditions | Channel          | Frequency (MHz) | Reading Level |               |                          |                          | Total Power      | Limit                    |                  | Ant 3 |               | Ant 5 |  |
| Ant3             |                  |                 |                  |                 | Ant5          |               | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail                |                  |                          |                  |       |               |       |  |
| Avg. (dBm)       | Reading Level    |                 |                  |                 | Avg. (dBm)    | Reading Level |                          |                          |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 42              | 5210             | 3.79            | 3.34          | 3.38          | 3.27                     | 9.47                     | 22.78            | Pass                     | 65               | 65    | 65            |       |  |
|                  |                  | 58              | 5290             | 7.42            | 7.14          | 7.08          | 7.15                     | 13.22                    | 16.78            | Pass                     | 50               | 50    | 50            |       |  |
|                  |                  | Mode:           | 802.11ax(160MHz) | Data Rate:      | HEONSS1       |               |                          |                          | Conducted power  |                          | MIMO Mode(4T*4R) |       | Power Index   |       |  |
|                  |                  | Test Conditions | Channel          | Frequency (MHz) | Reading Level |               |                          |                          | Total Power      | Limit                    |                  | Ant 3 |               | Ant 5 |  |
|                  |                  |                 |                  |                 | Ant3          |               | Ant5                     |                          |                  | Avg. (dBm) (Ant 1+2+3+4) | Pass/Fail        |       |               |       |  |
|                  |                  |                 |                  |                 | Avg. (dBm)    | Reading Level | Avg. (dBm)               | Reading Level            |                  |                          |                  |       |               |       |  |
| Tnom (25°C)      | Vnom (120V)      | 50              | 5250             | 4.29            | 3.92          | 3.92          | 3.88                     | 10.63                    | 19.28            | Pass                     | 65               | 65    | 65            |       |  |

**FCC 5GHz Power Table-ETH7(Outdoors and elevation angle > 30°)**



| Standard:                           | FCC Part 15.407 | Test Date:                         | 2021.01.05                           | Temperature:    | 25°C        | Humidity:                        | 55%RH                                |                  |             |       |       |       |       |    |
|-------------------------------------|-----------------|------------------------------------|--------------------------------------|-----------------|-------------|----------------------------------|--------------------------------------|------------------|-------------|-------|-------|-------|-------|----|
| Project No.:                        | 20B0117R        | Product Name:                      | Wireless Access Point                | Model Name:     | AP510CX     | Test Site:                       | TR8                                  |                  |             |       |       |       |       |    |
| Antenna Gain(dBi)                   | Ant 1: 3.00     | Ant 2: 3.00                        | Ant 3: 3.00                          | Ant 4: 3.00     | Ant 5: 3.00 |                                  |                                      |                  |             |       |       |       |       |    |
| 2'2 CDD-Directional Gain-Power(dBi) | 3.00            | 2'2 BF-Directional Gain-Power(dBi) | 6.01                                 |                 |             |                                  |                                      |                  |             |       |       |       |       |    |
| 4'4 CDD-Directional Gain-Power(dBi) | 3.00            | 4'4 BF-Directional Gain-Power(dBi) | 9.02                                 |                 |             |                                  |                                      |                  |             |       |       |       |       |    |
| Antenna Technology:                 | CDD 2'2         |                                    |                                      |                 |             |                                  |                                      |                  |             |       |       |       |       |    |
| Mode:                               | 802.11a         | Data Rate:                         | 6Mbps                                | Conducted power |             |                                  | EIRP                                 | Power Index      |             |       |       |       |       |    |
| Test Conditions                     | Channel         | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm)     |                 | Ant 5       | Total Power Avg. (dBm) (Ant 1+2) | Limit Avg. (dBm)                     | Pass/Fail        | Ant 3       | Ant 5 |       |       |       |    |
|                                     |                 |                                    | Ant 3                                | Ant 5           |             |                                  |                                      |                  |             |       |       |       |       |    |
| Tnom (25 °C)                        | Vnom (120V)     | 36                                 | 5180                                 | 14.26           | 13.83       | 20.06                            | 21.00                                | Pass             | 43          | 43    |       |       |       |    |
|                                     |                 | 44                                 | 5220                                 | 13.71           | 13.33       | 19.53                            | 21.00                                | Pass             | 43          | 43    |       |       |       |    |
|                                     |                 | 48                                 | 5240                                 | 14.07           | 13.46       | 19.79                            | 21.00                                | Pass             | 43          | 43    |       |       |       |    |
| Antenna Technology:                 | CDD 4'4         |                                    |                                      |                 |             |                                  |                                      |                  |             |       |       |       |       |    |
| Mode:                               | 802.11a         | Data Rate:                         | 6Mbps                                | Conducted power |             |                                  |                                      | EIRP             | Power Index |       |       |       |       |    |
| Test Conditions                     | Channel         | Frequency (MHz)                    | Ant 1+2+3+4 Reading Level Avg. (dBm) |                 | Ant 6       | Ant 7                            | Total Power Avg. (dBm) (Ant 1+2+3+4) | Limit Avg. (dBm) | Pass/Fail   | Ant 3 | Ant 5 | Ant 6 | Ant 7 |    |
|                                     |                 |                                    | Ant 3                                | Ant 5           |             |                                  |                                      |                  |             |       |       |       |       |    |
| Tnom (25 °C)                        | Vnom (120V)     | 36                                 | 5180                                 | 11.87           | 11.48       | 11.06                            | 11.30                                | 20.46            | 21.00       | Pass  | 44    | 44    | 44    | 44 |
|                                     |                 | 44                                 | 5220                                 | 11.70           | 11.29       | 10.81                            | 11.14                                | 20.27            | 21.00       | Pass  | 44    | 44    | 44    | 44 |
|                                     |                 | 48                                 | 5240                                 | 11.89           | 11.39       | 10.91                            | 11.32                                | 20.41            | 21.00       | Pass  | 44    | 44    | 44    | 44 |

| Mode:           |             | 802.11ax(20MHz) |      | Data Rate: |       | HEONSS1    |       | Conducted power |  |            |  | EIRP       |    |             | Power Index |           |  |                         |  |  |  |
|-----------------|-------------|-----------------|------|------------|-------|------------|-------|-----------------|--|------------|--|------------|----|-------------|-------------|-----------|--|-------------------------|--|--|--|
| Test Conditions |             | Channel         |      | Frequency  |       | Ant3       |       | Ant5            |  | Ant6       |  | Ant7       |    | Total Power |             | Limit     |  | Power Index             |  |  |  |
|                 |             | (MHz)           |      | Avg. (dBm) |       | Avg. (dBm) |       | Avg. (dBm)      |  | Avg. (dBm) |  | Avg. (dBm) |    | Avg. (dBm)  |             | Pass/Fail |  | Ant 3 Ant 5 Ant 6 Ant 7 |  |  |  |
| Tnom (25°C)     | Vnom (120V) | 36              | 5180 | 11.50      | 11.30 | 10.76      | 11.04 | 20.18           |  | 21.00      |  | Pass       | 44 | 44          | 44          | 44        |  |                         |  |  |  |
|                 |             | 44              | 5220 | 11.07      | 10.99 | 10.55      | 10.86 | 19.89           |  | 21.00      |  | Pass       | 44 | 44          | 44          | 44        |  |                         |  |  |  |
|                 |             | 48              | 5240 | 11.19      | 11.11 | 10.69      | 10.91 | 20.00           |  | 21.00      |  | Pass       | 44 | 44          | 44          | 44        |  |                         |  |  |  |

| Antenna Technology: |             | 802.11n(20MHz) |      | Data Rate: |       | MCS0       |       | Conducted power |  |            |  | EIRP        |    |           | Power Index |             |  |  |  |
|---------------------|-------------|----------------|------|------------|-------|------------|-------|-----------------|--|------------|--|-------------|----|-----------|-------------|-------------|--|--|--|
| Test Conditions     |             | Channel        |      | Frequency  |       | Ant3       |       | Ant5            |  | Ant7       |  | Total Power |    | Limit     |             | Power Index |  |  |  |
|                     |             | (MHz)          |      | Avg. (dBm) |       | Avg. (dBm) |       | Avg. (dBm)      |  | Avg. (dBm) |  | Avg. (dBm)  |    | Pass/Fail |             | Ant 3 Ant 5 |  |  |  |
| Tnom (25°C)         | Vnom (120V) | 36             | 5180 | 11.35      | 11.15 | 10.78      | 10.78 | 20.08           |  | 21.00      |  | Pass        | 44 | 44        |             |             |  |  |  |
|                     |             | 44             | 5220 | 11.15      | 11.07 | 10.76      | 10.76 | 20.05           |  | 21.00      |  | Pass        | 44 | 44        |             |             |  |  |  |
|                     |             | 48             | 5240 | 11.40      | 11.40 | 10.88      | 10.88 | 20.17           |  | 21.00      |  | Pass        | 44 | 44        |             |             |  |  |  |

| Antenna Technology: |             | 802.11n(20MHz) |      | Data Rate: |      | MCS0       |      | Conducted power |  |            |  | EIRP       |    |             | Power Index |           |  |                         |  |  |  |
|---------------------|-------------|----------------|------|------------|------|------------|------|-----------------|--|------------|--|------------|----|-------------|-------------|-----------|--|-------------------------|--|--|--|
| Test Conditions     |             | Channel        |      | Frequency  |      | Ant3       |      | Ant5            |  | Ant6       |  | Ant7       |    | Total Power |             | Limit     |  | Power Index             |  |  |  |
|                     |             | (MHz)          |      | Avg. (dBm) |      | Avg. (dBm) |      | Avg. (dBm)      |  | Avg. (dBm) |  | Avg. (dBm) |    | Avg. (dBm)  |             | Pass/Fail |  | Ant 3 Ant 5 Ant 6 Ant 7 |  |  |  |
| Tnom (25°C)         | Vnom (120V) | 36             | 5180 | 5.49       | 5.05 | 4.56       | 4.74 | 20.02           |  | 21.00      |  | Pass       | 59 | 59          | 59          | 59        |  |                         |  |  |  |
|                     |             | 44             | 5220 | 5.33       | 4.80 | 4.41       | 4.74 | 19.87           |  | 21.00      |  | Pass       | 59 | 59          | 59          | 59        |  |                         |  |  |  |
|                     |             | 48             | 5240 | 5.57       | 4.98 | 4.63       | 4.76 | 20.04           |  | 21.00      |  | Pass       | 59 | 59          | 59          | 59        |  |                         |  |  |  |

| Mode            | 802.11ac(80MHz)  | Data Rate          | MCS0NSS1              | MIMO Mode(4TX+4RX)    |                       |                       |                             |            |           |       | Power Index |       |       |    |
|-----------------|------------------|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------------|------------|-----------|-------|-------------|-------|-------|----|
| Test Conditions | Channel          | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power                 | Limit      |           | Ant 3 | Ant 5       | Ant 6 | Ant 7 |    |
|                 |                  |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |                             | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
|                 |                  |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
| Tnom (25 °C)    | Vnom (120V)      | 42                 | 5210                  | 5.81                  | 5.31                  | 5.29                  | 5.10                        | 20.43      | 21.00     | Pass  | 59          | 59    | 59    | 59 |
| Conducted power |                  |                    |                       | EIRP                  |                       |                       |                             |            |           |       |             |       |       |    |
| Mode            | 802.11ax(20MHz)  | Data Rate          | HE0NSS1               | MIMO Mode(4TX+4RX)    |                       |                       |                             |            |           |       | Power Index |       |       |    |
| Test Conditions | Channel          | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power                 | Limit      |           | Ant 3 | Ant 5       | Ant 6 | Ant 7 |    |
|                 |                  |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |                             | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
|                 |                  |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
| Tnom (25 °C)    | Vnom (120V)      | 36                 | 5180                  | 5.58                  | 5.01                  | 4.50                  | 4.77                        | 20.02      | 21.00     | Pass  | 59          | 59    | 59    | 59 |
|                 |                  | 44                 | 5220                  | 5.36                  | 4.85                  | 4.30                  | 4.60                        | 19.84      | 21.00     | Pass  | 59          | 59    | 59    | 59 |
|                 |                  | 48                 | 5240                  | 5.56                  | 5.07                  | 4.52                  | 4.83                        | 20.05      | 21.00     | Pass  | 59          | 59    | 59    | 59 |
| Conducted power |                  |                    |                       | EIRP                  |                       |                       |                             |            |           |       |             |       |       |    |
| Mode            | 802.11ax(40MHz)  | Data Rate          | HE0NSS1               | MIMO Mode(4TX+4RX)    |                       |                       |                             |            |           |       | Power Index |       |       |    |
| Test Conditions | Channel          | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power                 | Limit      |           | Ant 3 | Ant 5       | Ant 6 | Ant 7 |    |
|                 |                  |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |                             | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
|                 |                  |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
| Tnom (25 °C)    | Vnom (120V)      | 38                 | 5190                  | 5.65                  | 5.04                  | 4.64                  | 4.94                        | 20.12      | 21.00     | Pass  | 59          | 59    | 59    | 59 |
|                 |                  | 46                 | 5230                  | 5.29                  | 4.98                  | 4.59                  | 4.76                        | 19.95      | 21.00     | Pass  | 59          | 59    | 59    | 59 |
|                 |                  | Conducted power    |                       |                       |                       | EIRP                  |                             |            |           |       |             |       |       |    |
| Mode            | 802.11ax(80MHz)  | Data Rate          | HE0NSS1               | MIMO Mode(4TX+4RX)    |                       |                       |                             |            |           |       | Power Index |       |       |    |
| Test Conditions | Channel          | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power                 | Limit      |           | Ant 3 | Ant 5       | Ant 6 | Ant 7 |    |
|                 |                  |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |                             | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
|                 |                  |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
| Tnom (25 °C)    | Vnom (120V)      | 42                 | 5210                  | 3.79                  | 3.34                  | 3.38                  | 3.27                        | 18.49      | 21.00     | Pass  | 65          | 65    | 65    | 65 |
| Conducted power |                  |                    |                       | EIRP                  |                       |                       |                             |            |           |       |             |       |       |    |
| Mode            | 802.11ax(160MHz) | Data Rate          | HE0NSS1               | MIMO Mode(4TX+4RX)    |                       |                       |                             |            |           |       | Power Index |       |       |    |
| Test Conditions | Channel          | Frequency<br>(MHz) | Ant 1+2+3+4           |                       |                       |                       | Total Power                 | Limit      |           | Ant 3 | Ant 5       | Ant 6 | Ant 7 |    |
|                 |                  |                    | Ant3<br>Reading Level | Ant5<br>Reading Level | Ant6<br>Reading Level | Ant7<br>Reading Level |                             | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
|                 |                  |                    | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)            | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg. (dBm) | Pass/Fail |       |             |       |       |    |
| Tnom (25 °C)    | Vnom (120V)      | 50                 | 5250                  | 4.29                  | 3.92                  | 3.92                  | 3.88                        | 19.05      | 21.00     | Pass  | 65          | 65    | 65    | 65 |
| Conducted power |                  |                    |                       | EIRP                  |                       |                       |                             |            |           |       |             |       |       |    |

# FCC 5GHz Power Table-ETH6



| FCC 5GHz Power Table-ETH6           |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
|-------------------------------------|-----------------|-----------------|----------------------------------|------------------------------------|----------------------------------|-----------------|-------------|-------------|-------------|------------|-------|-------------|-------|-------------|--|
| Standard:                           | FCC Part 15.407 | Test Date:      | 2021.01.05                       | Temperature:                       | 25°C                             |                 |             | Humidity:   | 55%RH       |            |       |             |       |             |  |
| Project No.:                        | 20B0117R        |                 |                                  | Product Name:                      | Wireless Access Point            |                 |             | Model Name: | AP510CX     | Test Site: | TR8   |             |       |             |  |
| Antenna Gain(dBi)                   | Ant 3           | 7.20            | Ant 5                            | 7.20                               | Ant 6                            | 7.20            | Ant 7       | 7.20        |             |            |       |             |       |             |  |
| 2*2 CDD-Directional Gain-Power(dBi) | 7.20            |                 |                                  | 2*2 BF-Directional Gain-Power(dBi) |                                  |                 | 10.21       |             |             |            |       |             |       |             |  |
| 4*4 CDD-Directional Gain-Power(dBi) | 7.20            |                 |                                  | 4*4 BF-Directional Gain-Power(dBi) |                                  |                 | 13.22       |             |             |            |       |             |       |             |  |
| Antenna Technology:                 | CDD 2*2         |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
| Mode:                               | 802.11a         | Data Rate:      | 6Mbps                            | Conducted power                    |                                  |                 |             |             |             |            |       | Power Index |       |             |  |
| Test Conditions                     | Channel         | Frequency (MHz) | Ant 1+2 Reading Level Avg. (dBm) |                                    |                                  |                 | Total Power |             | Limit       |            | Ant 3 | Ant 5       |       |             |  |
|                                     |                 |                 | Avg. (dBm (Ant 1+2))             |                                    |                                  |                 | Avg. (dBm)  | Pass/Fail   |             |            |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
| Tnom (25°C)                         | Vnom (120V)     | 36              | 5180                             | 14.21                              | 14.47                            | 14.47           | 17.35       | 28.80       | Pass        | 39         | 39    |             |       |             |  |
|                                     |                 | 44              | 5220                             | 14.07                              | 14.33                            | 14.33           | 17.21       | 28.80       | Pass        | 39         | 39    |             |       |             |  |
|                                     |                 | 48              | 5240                             | 13.79                              | 14.15                            | 14.15           | 16.98       | 28.80       | Pass        | 39         | 39    |             |       |             |  |
|                                     |                 | 52              | 5260                             | 16.43                              | 16.60                            | 16.60           | 19.57       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 60              | 5300                             | 16.32                              | 16.70                            | 16.70           | 19.52       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 64              | 5320                             | 16.26                              | 16.68                            | 16.68           | 19.49       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 100             | 5500                             | 16.11                              | 16.49                            | 16.49           | 19.31       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 116             | 5580                             | 16.01                              | 16.33                            | 16.33           | 19.18       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 140             | 5700                             | 16.18                              | 16.38                            | 16.38           | 19.29       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 149             | 5745                             | 19.83                              | 20.03                            | 20.03           | 22.94       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 157             | 5785                             | 19.78                              | 19.87                            | 19.87           | 22.84       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 165             | 5825                             | 19.59                              | 19.70                            | 19.70           | 22.66       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | Mode:           | 802.11n(20MHz)                   | Data Rate:                         | MCS0                             | Conducted power |             |             |             |            |       |             |       | Power Index |  |
|                                     |                 | Test Conditions | Channel                          | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm) |                 |             |             | Total Power |            | Limit |             | Ant 3 | Ant 5       |  |
|                                     |                 |                 |                                  |                                    | Avg. (dBm (Ant 1+2))             |                 |             |             | Avg. (dBm)  | Pass/Fail  |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
| Tnom (25°C)                         | Vnom (120V)     | 40              | 5200                             | 14.20                              | 14.37                            | 14.37           | 17.29       | 28.80       | Pass        | 39         | 39    |             |       |             |  |
|                                     |                 | 44              | 5220                             | 14.17                              | 14.54                            | 14.54           | 17.37       | 28.80       | Pass        | 39         | 39    |             |       |             |  |
|                                     |                 | 48              | 5240                             | 13.96                              | 14.35                            | 14.35           | 17.17       | 28.80       | Pass        | 39         | 39    |             |       |             |  |
|                                     |                 | 52              | 5260                             | 16.39                              | 16.67                            | 16.67           | 19.54       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 60              | 5300                             | 16.30                              | 16.71                            | 16.71           | 19.52       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 64              | 5320                             | 16.28                              | 16.70                            | 16.70           | 19.51       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 100             | 5500                             | 16.07                              | 16.43                            | 16.43           | 19.26       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 116             | 5580                             | 16.06                              | 16.35                            | 16.35           | 19.22       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 140             | 5700                             | 16.15                              | 16.32                            | 16.32           | 19.25       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 149             | 5745                             | 19.83                              | 20.02                            | 20.02           | 22.94       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 157             | 5785                             | 19.72                              | 19.83                            | 19.83           | 22.79       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 165             | 5825                             | 19.53                              | 19.63                            | 19.63           | 22.59       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | Mode:           | 802.11n(40MHz)                   | Data Rate:                         | MCS0                             | Conducted power |             |             |             |            |       |             |       | Power Index |  |
|                                     |                 | Test Conditions | Channel                          | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm) |                 |             |             | Total Power |            | Limit |             | Ant 3 | Ant 5       |  |
|                                     |                 |                 |                                  |                                    | Avg. (dBm (Ant 1+2))             |                 |             |             | Avg. (dBm)  | Pass/Fail  |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
| Tnom (25°C)                         | Vnom (120V)     | 38              | 5190                             | 14.30                              | 14.16                            | 14.16           | 17.24       | 28.80       | Pass        | 39         | 39    |             |       |             |  |
|                                     |                 | 46              | 5230                             | 14.39                              | 14.40                            | 14.40           | 17.41       | 28.80       | Pass        | 39         | 39    |             |       |             |  |
|                                     |                 | 52              | 5270                             | 15.62                              | 15.56                            | 15.56           | 18.60       | 22.80       | Pass        | 37         | 37    |             |       |             |  |
|                                     |                 | 60              | 5310                             | 15.48                              | 15.46                            | 15.46           | 18.48       | 22.80       | Pass        | 37         | 37    |             |       |             |  |
|                                     |                 | 102             | 5510                             | 16.21                              | 16.58                            | 16.58           | 19.41       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 110             | 5550                             | 16.24                              | 16.56                            | 16.56           | 19.41       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 134             | 5670                             | 16.23                              | 16.81                            | 16.81           | 19.43       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 151             | 5755                             | 19.55                              | 19.64                            | 19.64           | 22.61       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 159             | 5795                             | 18.72                              | 18.69                            | 18.69           | 21.71       | 28.80       | Pass        | 29         | 29    |             |       |             |  |
|                                     |                 | Mode:           | 802.11ac(20MHz)                  | Data Rate:                         | MCS0NSS1                         | Conducted power |             |             |             |            |       |             |       | Power Index |  |
|                                     |                 | Test Conditions | Channel                          | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm) |                 |             |             | Total Power |            | Limit |             | Ant 3 | Ant 5       |  |
|                                     |                 |                 |                                  |                                    | Avg. (dBm (Ant 1+2))             |                 |             |             | Avg. (dBm)  | Pass/Fail  |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
|                                     |                 | Tnom (25°C)     | Vnom (120V)                      | 36                                 | 5180                             | 14.33           | 14.52       | 14.52       | 17.44       | 28.80      | Pass  | 39          | 39    |             |  |
|                                     |                 |                 |                                  | 44                                 | 5220                             | 14.06           | 14.34       | 14.34       | 17.21       | 28.80      | Pass  | 39          | 39    |             |  |
|                                     |                 |                 |                                  | 48                                 | 5240                             | 14.01           | 14.42       | 14.42       | 17.23       | 28.80      | Pass  | 39          | 39    |             |  |
| 52                                  | 5260            |                 |                                  | 16.46                              | 16.71                            | 16.71           | 19.60       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
| 60                                  | 5300            |                 |                                  | 16.29                              | 16.71                            | 16.71           | 19.52       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
| 64                                  | 5320            |                 |                                  | 16.25                              | 16.68                            | 16.68           | 19.48       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
| 100                                 | 5500            |                 |                                  | 16.04                              | 16.40                            | 16.40           | 19.23       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
| 116                                 | 5580            |                 |                                  | 15.98                              | 16.30                            | 16.30           | 19.15       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
| 140                                 | 5700            |                 |                                  | 16.12                              | 16.30                            | 16.30           | 19.22       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
| 149                                 | 5745            |                 |                                  | 19.82                              | 20.01                            | 20.01           | 22.93       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
| 157                                 | 5785            |                 |                                  | 19.81                              | 19.80                            | 19.80           | 22.87       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
| 165                                 | 5825            |                 |                                  | 19.54                              | 19.63                            | 19.63           | 22.59       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
| Mode:                               | 802.11ac(40MHz) |                 |                                  | Data Rate:                         | MCS0NSS1                         | Conducted power |             |             |             |            |       |             |       | Power Index |  |
| Test Conditions                     | Channel         |                 |                                  | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm) |                 |             |             | Total Power |            | Limit |             | Ant 3 | Ant 5       |  |
|                                     |                 |                 |                                  |                                    | Avg. (dBm (Ant 1+2))             |                 |             |             | Avg. (dBm)  | Pass/Fail  |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
| Tnom (25°C)                         | Vnom (120V)     | 38              | 5190                             | 14.09                              | 14.08                            | 14.08           | 17.10       | 28.80       | Pass        | 40         | 40    |             |       |             |  |
|                                     |                 | 46              | 5230                             | 13.96                              | 14.06                            | 14.06           | 17.02       | 28.80       | Pass        | 40         | 40    |             |       |             |  |
|                                     |                 | 52              | 5270                             | 15.68                              | 15.81                            | 15.81           | 18.76       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 60              | 5310                             | 15.47                              | 15.60                            | 15.60           | 18.55       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 102             | 5510                             | 16.16                              | 16.54                            | 16.54           | 19.36       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 110             | 5550                             | 16.26                              | 16.59                            | 16.59           | 19.44       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 134             | 5670                             | 16.37                              | 16.72                            | 16.72           | 19.56       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 151             | 5755                             | 19.53                              | 19.64                            | 19.64           | 22.60       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 159             | 5795                             | 19.35                              | 19.48                            | 19.48           | 22.43       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | Mode:           | 802.11ac(80MHz)                  | Data Rate:                         | MCS0NSS1                         | Conducted power |             |             |             |            |       |             |       | Power Index |  |
|                                     |                 | Test Conditions | Channel                          | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm) |                 |             |             | Total Power |            | Limit |             | Ant 3 | Ant 5       |  |
|                                     |                 |                 |                                  |                                    | Avg. (dBm (Ant 1+2))             |                 |             |             | Avg. (dBm)  | Pass/Fail  |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
|                                     |                 | Tnom (25°C)     | Vnom (120V)                      | 42                                 | 5210                             | 13.91           | 13.93       | 13.93       | 16.93       | 28.80      | Pass  | 39          | 39    |             |  |
|                                     |                 |                 |                                  | 58                                 | 5290                             | 15.07           | 15.23       | 15.23       | 18.16       | 22.80      | Pass  | 37          | 37    |             |  |
|                                     |                 |                 |                                  | 106                                | 5530                             | 14.71           | 15.10       | 15.10       | 17.62       | 22.80      | Pass  | 37          | 37    |             |  |
| 122                                 | 5610            |                 |                                  | 14.59                              | 14.97                            | 14.97           | 17.79       | 22.80       | Pass        | 37         | 37    |             |       |             |  |
| 155                                 | 5775            |                 |                                  | 18.13                              | 18.35                            | 18.35           | 21.25       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
| Mode:                               | 802.11ax(20MHz) |                 |                                  | Data Rate:                         | HE0NSS1                          | Conducted power |             |             |             |            |       |             |       | Power Index |  |
| Test Conditions                     | Channel         |                 |                                  | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm) |                 |             |             | Total Power |            | Limit |             | Ant 3 | Ant 5       |  |
|                                     |                 |                 |                                  |                                    | Avg. (dBm (Ant 1+2))             |                 |             |             | Avg. (dBm)  | Pass/Fail  |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
| Tnom (25°C)                         | Vnom (120V)     |                 |                                  | 36                                 | 5180                             | 14.32           | 14.42       | 14.42       | 17.38       | 28.80      | Pass  | 39          | 39    |             |  |
|                                     |                 |                 |                                  | 44                                 | 5220                             | 14.18           | 14.48       | 14.48       | 17.34       | 28.80      | Pass  | 39          | 39    |             |  |
|                                     |                 |                 |                                  | 48                                 | 5240                             | 13.94           | 14.27       | 14.27       | 17.12       | 28.80      | Pass  | 39          | 39    |             |  |
|                                     |                 |                 |                                  | 52                                 | 5260                             | 16.42           | 16.72       | 16.72       | 19.58       | 22.80      | Pass  | 35          | 35    |             |  |
|                                     |                 |                 |                                  | 60                                 | 5300                             | 16.27           | 16.53       | 16.53       | 19.41       | 22.80      | Pass  | 35          | 35    |             |  |
|                                     |                 |                 |                                  | 64                                 | 5320                             | 16.25           | 16.63       | 16.63       | 19.45       | 22.80      | Pass  | 35          | 35    |             |  |
|                                     |                 |                 |                                  | 100                                | 5500                             | 16.10           | 16.43       | 16.43       | 19.28       | 22.80      | Pass  | 35          | 35    |             |  |
|                                     |                 | 116             | 5580                             | 16.06                              | 16.37                            | 16.37           | 19.23       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 140             | 5700                             | 16.17                              | 16.38                            | 16.38           | 19.29       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 149             | 5745                             | 19.78                              | 19.97                            | 19.97           | 22.89       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 157             | 5785                             | 19.72                              | 19.80                            | 19.80           | 22.77       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 165             | 5825                             | 19.55                              | 19.68                            | 19.68           | 22.62       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | Mode:           | 802.11ax(40MHz)                  | Data Rate:                         | HE0NSS1                          | Conducted power |             |             |             |            |       |             |       | Power Index |  |
|                                     |                 | Test Conditions | Channel                          | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm) |                 |             |             | Total Power |            | Limit |             | Ant 3 | Ant 5       |  |
|                                     |                 |                 |                                  |                                    | Avg. (dBm (Ant 1+2))             |                 |             |             | Avg. (dBm)  | Pass/Fail  |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
| Tnom (25°C)                         | Vnom (120V)     | 38              | 5190                             | 14.02                              | 13.95                            | 13.95           | 16.99       | 28.80       | Pass        | 40         | 40    |             |       |             |  |
|                                     |                 | 46              | 5230                             | 13.73                              | 13.75                            | 13.75           | 16.75       | 28.80       | Pass        | 40         | 40    |             |       |             |  |
|                                     |                 | 52              | 5270                             | 15.62                              | 15.52                            | 15.52           | 18.58       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 60              | 5310                             | 15.47                              | 15.60                            | 15.60           | 18.55       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 102             | 5510                             | 16.16                              | 16.53                            | 16.53           | 19.36       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 110             | 5550                             | 16.18                              | 16.51                            | 16.51           | 19.36       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 134             | 5670                             | 16.41                              | 16.76                            | 16.76           | 19.61       | 22.80       | Pass        | 35         | 35    |             |       |             |  |
|                                     |                 | 151             | 5755                             | 19.51                              | 19.60                            | 19.60           | 22.57       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | 159             | 5795                             | 19.31                              | 19.41                            | 19.41           | 22.37       | 28.80       | Pass        | 27         | 27    |             |       |             |  |
|                                     |                 | Mode:           | 802.11ax(80MHz)                  | Data Rate:                         | HE0NSS1                          | Conducted power |             |             |             |            |       |             |       | Power Index |  |
|                                     |                 | Test Conditions | Channel                          | Frequency (MHz)                    | Ant 1+2 Reading Level Avg. (dBm) |                 |             |             | Total Power |            | Limit |             | Ant 3 | Ant 5       |  |
|                                     |                 |                 |                                  |                                    | Avg. (dBm (Ant 1+2))             |                 |             |             | Avg. (dBm)  | Pass/Fail  |       |             |       |             |  |
|                                     |                 |                 |                                  |                                    |                                  |                 |             |             |             |            |       |             |       |             |  |
|                                     |                 | Tnom (25°C)     | Vnom (120V)                      | 42                                 | 5210                             | 13.86           | 13.83       | 13.83       | 16.86       | 28.80      | Pass  | 39          | 39    |             |  |
|                                     |                 |                 |                                  | 58                                 | 5290                             | 15.10           | 15.25       | 15.25       | 18.19       | 22.80      | Pass  | 37          | 37    |             |  |
|                                     |                 |                 |                                  | 106                                | 5530                             | 14.72           | 15.09       | 15.09       | 17.62       | 22.80      | Pass  | 37          | 37    |             |  |
| 122                                 | 5610            |                 |                                  | 14.59                              | 14.97                            | 14.97           | 17.79       | 22.80       | Pass        | 37         | 37    |             |       |             |  |
| 155                                 | 5775            |                 |                                  | 18.11                              | 18.31                            | 18.31           | 21.22       | 28.80       | Pass        | 27         | 27    |             |       |             |  |

| Mode:           | z)              | Data Rate:      | HEONSS1                              | MIMO Mode(2Tx+2Rx) |                                      |                    |                                      |                  |                                      | Power Index      |           |             |       |       |       |    |
|-----------------|-----------------|-----------------|--------------------------------------|--------------------|--------------------------------------|--------------------|--------------------------------------|------------------|--------------------------------------|------------------|-----------|-------------|-------|-------|-------|----|
| Test Conditions | Channel         | Frequency (MHz) | Ant 1+2 Reading Level Avg. (dBm)     |                    |                                      |                    | Total Power Avg. (dBm (Ant 1+2))     | Limit Avg. (dBm) | Pass/Fail                            | Ant 3            | Ant 5     | Ant 6       | Ant 7 |       |       |    |
|                 |                 |                 | Ant3                                 | Ant5               | Ant6                                 | Ant7               |                                      |                  |                                      |                  |           |             |       |       |       |    |
| Tnom (25 °C)    | Vnom (120V)     | 50              | 14.08                                |                    |                                      | 14.16              | 17.53                                | 24.00            | Pass                                 | 39               |           | 39          |       |       |       |    |
|                 |                 | 114             | 13.07                                |                    |                                      | 13.45              | 16.27                                | 24.00            | Pass                                 | 37               |           | 37          |       |       |       |    |
| CDD 4T4         |                 |                 |                                      |                    |                                      |                    |                                      |                  |                                      |                  |           |             |       |       |       |    |
| Mode:           | 802.11a         | Data Rate:      | 6Mbps                                | MIMO Mode(4Tx+4Rx) |                                      |                    |                                      |                  |                                      | Power Index      |           |             |       |       |       |    |
| Test Conditions | Channel         | Frequency (MHz) | Ant 1+2+3+4 Reading Level Avg. (dBm) |                    |                                      |                    | Total Power Avg. (dBm (Ant 1+2+3+4)) | Limit Avg. (dBm) | Pass/Fail                            | Ant 3            | Ant 5     | Ant 6       | Ant 7 |       |       |    |
|                 |                 |                 | Ant3                                 | Ant5               | Ant6                                 | Ant7               |                                      |                  |                                      |                  |           |             |       |       |       |    |
| Tnom (25 °C)    | Vnom (120V)     | 36              | 5180                                 | 11.19              | 11.27                                | 11.36              | 11.33                                | 17.51            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
|                 |                 | 44              | 5220                                 | 11.10              | 11.21                                | 11.35              | 11.31                                | 17.26            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
|                 |                 | 48              | 5240                                 | 11.03              | 11.20                                | 11.18              | 11.28                                | 17.19            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
|                 |                 | 52              | 5260                                 | 12.36              | 12.58                                | 12.56              | 12.65                                | 18.58            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 60              | 5300                                 | 12.23              | 12.46                                | 12.46              | 12.64                                | 18.47            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 64              | 5320                                 | 12.24              | 12.51                                | 12.51              | 12.64                                | 18.50            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 100             | 5600                                 | 11.97              | 11.95                                | 11.95              | 12.32                                | 18.07            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 116             | 5680                                 | 12.02              | 11.97                                | 11.97              | 12.35                                | 18.10            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 140             | 5700                                 | 12.06              | 11.82                                | 11.82              | 12.24                                | 18.01            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 149             | 5745                                 | 17.43              | 17.23                                | 17.23              | 17.63                                | 23.40            | 28.80                                | Pass             | 32        | 32          | 32    | 32    |       |    |
|                 |                 | 157             | 5785                                 | 17.25              | 16.94                                | 16.94              | 17.34                                | 23.14            | 28.80                                | Pass             | 32        | 32          | 32    | 32    |       |    |
|                 |                 | 165             | 5825                                 | 17.09              | 16.87                                | 16.87              | 17.22                                | 23.03            | 28.80                                | Pass             | 32        | 32          | 32    | 32    |       |    |
|                 |                 | Mode:           | 802.11n(20MHz)                       | Data Rate:         | MCS0                                 | MIMO Mode(4Tx+4Rx) |                                      |                  |                                      |                  |           | Power Index |       |       |       |    |
|                 |                 | Test Conditions | Channel                              | Frequency (MHz)    | Ant 1+2+3+4 Reading Level Avg. (dBm) |                    |                                      |                  | Total Power Avg. (dBm (Ant 1+2+3+4)) | Limit Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                 |                 |                                      |                    | Ant3                                 | Ant5               | Ant6                                 | Ant7             |                                      |                  |           |             |       |       |       |    |
|                 |                 | Tnom (25 °C)    | Vnom (120V)                          | 36                 | 5180                                 | 11.11              | 11.19                                | 11.32            | 11.40                                | 17.28            | 28.80     | Pass        | 45    | 45    | 45    | 45 |
| 44              | 5220            |                 |                                      | 11.00              | 11.18                                | 11.21              | 11.41                                | 17.22            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
| 48              | 5240            |                 |                                      | 11.03              | 11.29                                | 11.21              | 11.37                                | 17.25            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
| 52              | 5260            |                 |                                      | 12.36              | 12.58                                | 12.58              | 12.66                                | 18.57            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 60              | 5300            |                 |                                      | 12.24              | 12.50                                | 12.50              | 12.47                                | 18.50            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 64              | 5320            |                 |                                      | 12.24              | 12.51                                | 12.51              | 12.64                                | 18.50            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 100             | 5600            |                 |                                      | 12.02              | 12.01                                | 12.01              | 12.38                                | 18.13            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 116             | 5680            |                 |                                      | 12.03              | 11.97                                | 11.97              | 12.36                                | 18.11            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 140             | 5700            |                 |                                      | 12.09              | 11.84                                | 11.84              | 12.26                                | 18.03            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 149             | 5745            |                 |                                      | 17.23              | 17.11                                | 17.11              | 17.50                                | 23.27            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
| 157             | 5785            |                 |                                      | 17.20              | 16.87                                | 16.87              | 17.29                                | 23.08            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
| 165             | 5825            |                 |                                      | 16.94              | 16.72                                | 16.72              | 17.07                                | 22.89            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
| Mode:           | 802.11n(40MHz)  |                 |                                      | Data Rate:         | MCS0                                 | MIMO Mode(4Tx+4Rx) |                                      |                  |                                      |                  |           | Power Index |       |       |       |    |
| Test Conditions | Channel         |                 |                                      | Frequency (MHz)    | Ant 1+2+3+4 Reading Level Avg. (dBm) |                    |                                      |                  | Total Power Avg. (dBm (Ant 1+2+3+4)) | Limit Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                 |                 |                                      |                    | Ant3                                 | Ant5               | Ant6                                 | Ant7             |                                      |                  |           |             |       |       |       |    |
| Tnom (25 °C)    | Vnom (120V)     |                 |                                      | 36                 | 5180                                 | 11.39              | 11.75                                | 11.71            | 11.70                                | 17.66            | 28.80     | Pass        | 45    | 45    | 45    | 45 |
|                 |                 | 46              | 5230                                 | 11.23              | 11.55                                | 11.66              | 11.72                                | 17.56            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
|                 |                 | 52              | 5270                                 | 12.04              | 12.40                                | 12.31              | 12.45                                | 18.32            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 60              | 5310                                 | 12.09              | 11.52                                | 12.29              | 12.50                                | 18.14            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 102             | 5610                                 | 12.10              | 12.18                                | 12.18              | 12.38                                | 18.23            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 110             | 5650                                 | 12.04              | 12.13                                | 12.13              | 12.47                                | 18.22            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 134             | 5670                                 | 12.06              | 12.01                                | 12.01              | 12.37                                | 18.14            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 151             | 5755                                 | 17.47              | 17.33                                | 17.33              | 17.66                                | 23.47            | 28.80                                | Pass             | 31        | 31          | 31    | 31    |       |    |
|                 |                 | 159             | 5795                                 | 17.45              | 17.18                                | 17.18              | 17.61                                | 23.38            | 28.80                                | Pass             | 31        | 31          | 31    | 31    |       |    |
|                 |                 | Mode:           | 802.11ac(20MHz)                      | Data Rate:         | MCS0SS1                              | MIMO Mode(4Tx+4Rx) |                                      |                  |                                      |                  |           | Power Index |       |       |       |    |
|                 |                 | Test Conditions | Channel                              | Frequency (MHz)    | Ant 1+2+3+4 Reading Level Avg. (dBm) |                    |                                      |                  | Total Power Avg. (dBm (Ant 1+2+3+4)) | Limit Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                 |                 |                                      |                    | Ant3                                 | Ant5               | Ant6                                 | Ant7             |                                      |                  |           |             |       |       |       |    |
|                 |                 | Tnom (25 °C)    | Vnom (120V)                          | 36                 | 5180                                 | 11.16              | 11.14                                | 11.11            | 11.39                                | 17.22            | 28.80     | Pass        | 45    | 45    | 45    | 45 |
|                 |                 |                 |                                      | 44                 | 5220                                 | 11.05              | 11.12                                | 11.14            | 11.16                                | 17.16            | 28.80     | Pass        | 45    | 45    | 45    | 45 |
|                 |                 |                 |                                      | 48                 | 5240                                 | 10.99              | 11.03                                | 11.05            | 11.25                                | 17.10            | 28.80     | Pass        | 45    | 45    | 45    | 45 |
|                 |                 |                 |                                      | 52                 | 5260                                 | 12.31              | 12.51                                | 12.51            | 12.58                                | 18.50            | 22.80     | Pass        | 43    | 43    | 43    | 43 |
| 60              | 5300            |                 |                                      | 12.23              | 12.45                                | 12.45              | 12.63                                | 18.46            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 64              | 5320            |                 |                                      | 12.24              | 12.51                                | 12.51              | 12.63                                | 18.50            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 100             | 5600            |                 |                                      | 11.98              | 11.96                                | 11.96              | 12.35                                | 18.09            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 116             | 5680            |                 |                                      | 11.89              | 12.00                                | 12.00              | 12.36                                | 18.09            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 140             | 5700            |                 |                                      | 11.86              | 11.89                                | 11.89              | 12.32                                | 18.01            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
| 149             | 5745            |                 |                                      | 17.32              | 17.12                                | 17.12              | 17.52                                | 23.29            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
| 157             | 5785            |                 |                                      | 17.03              | 16.73                                | 16.73              | 17.03                                | 23.00            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
| 165             | 5825            |                 |                                      | 17.08              | 16.86                                | 16.86              | 17.20                                | 23.02            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
| Mode:           | 802.11ac(40MHz) |                 |                                      | Data Rate:         | MCS0SS1                              | MIMO Mode(4Tx+4Rx) |                                      |                  |                                      |                  |           | Power Index |       |       |       |    |
| Test Conditions | Channel         |                 |                                      | Frequency (MHz)    | Ant 1+2+3+4 Reading Level Avg. (dBm) |                    |                                      |                  | Total Power Avg. (dBm (Ant 1+2+3+4)) | Limit Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                 |                 |                                      |                    | Ant3                                 | Ant5               | Ant6                                 | Ant7             |                                      |                  |           |             |       |       |       |    |
| Tnom (25 °C)    | Vnom (120V)     |                 |                                      | 38                 | 5190                                 | 11.48              | 11.81                                | 11.85            | 11.81                                | 17.78            | 28.80     | Pass        | 45    | 45    | 45    | 45 |
|                 |                 | 46              | 5230                                 | 11.23              | 11.70                                | 11.55              | 11.81                                | 17.60            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
|                 |                 | 52              | 5270                                 | 12.06              | 12.22                                | 12.38              | 12.48                                | 18.31            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 60              | 5310                                 | 12.04              | 11.91                                | 12.39              | 12.45                                | 18.22            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 102             | 5610                                 | 12.11              | 12.17                                | 12.17              | 12.53                                | 18.27            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 110             | 5650                                 | 12.04              | 12.13                                | 12.13              | 12.47                                | 18.22            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 134             | 5670                                 | 12.06              | 12.05                                | 12.05              | 12.40                                | 18.16            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 151             | 5755                                 | 17.32              | 17.38                                | 17.38              | 17.73                                | 23.63            | 28.80                                | Pass             | 31        | 31          | 31    | 31    |       |    |
|                 |                 | 159             | 5795                                 | 17.43              | 17.16                                | 17.16              | 17.60                                | 23.36            | 28.80                                | Pass             | 31        | 31          | 31    | 31    |       |    |
|                 |                 | Mode:           | 802.11ac(80MHz)                      | Data Rate:         | MCS0SS1                              | MIMO Mode(4Tx+4Rx) |                                      |                  |                                      |                  |           | Power Index |       |       |       |    |
|                 |                 | Test Conditions | Channel                              | Frequency (MHz)    | Ant 1+2+3+4 Reading Level Avg. (dBm) |                    |                                      |                  | Total Power Avg. (dBm (Ant 1+2+3+4)) | Limit Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                 |                 |                                      |                    | Ant3                                 | Ant5               | Ant6                                 | Ant7             |                                      |                  |           |             |       |       |       |    |
|                 |                 | Tnom (25 °C)    | Vnom (120V)                          | 42                 | 5210                                 | 10.64              | 11.04                                | 11.10            | 10.85                                | 16.93            | 28.80     | Pass        | 45    | 45    | 45    | 45 |
|                 |                 |                 |                                      | 58                 | 5290                                 | 11.97              | 11.42                                | 11.53            | 12.13                                | 17.79            | 22.80     | Pass        | 43    | 43    | 43    | 43 |
|                 |                 |                 |                                      | 106                | 5630                                 | 11.77              | 11.12                                | 12.03            | 10.46                                | 17.41            | 22.80     | Pass        | 43    | 43    | 43    | 43 |
|                 |                 |                 |                                      | 122                | 5610                                 | 11.76              | 10.93                                | 11.66            | 11.22                                | 17.21            | 22.80     | Pass        | 43    | 43    | 43    | 43 |
| 145             | 5775            |                 |                                      | 13.60              | 13.37                                | 13.37              | 13.74                                | 19.54            | 28.80                                | Pass             | 38        | 38          | 38    | 38    |       |    |
| 155             | 5795            |                 |                                      |                    |                                      |                    |                                      |                  |                                      |                  |           |             |       |       |       |    |
| Mode:           | 802.11ax(20MHz) | Data Rate:      | HEONSS1                              | MIMO Mode(4Tx+4Rx) |                                      |                    |                                      |                  |                                      | Power Index      |           |             |       |       |       |    |
| Test Conditions | Channel         | Frequency (MHz) | Ant 1+2+3+4 Reading Level Avg. (dBm) |                    |                                      |                    | Total Power Avg. (dBm (Ant 1+2+3+4)) | Limit Avg. (dBm) | Pass/Fail                            | Ant 3            | Ant 5     | Ant 6       | Ant 7 |       |       |    |
|                 |                 |                 | Ant3                                 | Ant5               | Ant6                                 | Ant7               |                                      |                  |                                      |                  |           |             |       |       |       |    |
| Tnom (25 °C)    | Vnom (120V)     | 36              | 5180                                 | 11.09              | 11.13                                | 11.10              | 11.06                                | 17.12            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
|                 |                 | 44              | 5220                                 | 11.13              | 11.16                                | 11.13              | 11.29                                | 17.20            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
|                 |                 | 48              | 5240                                 | 10.98              | 11.04                                | 11.03              | 11.36                                | 17.12            | 28.80                                | Pass             | 45        | 45          | 45    | 45    |       |    |
|                 |                 | 52              | 5260                                 | 12.37              | 12.57                                | 12.57              | 12.65                                | 18.56            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 60              | 5300                                 | 12.23              | 12.45                                | 12.45              | 12.63                                | 18.46            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 64              | 5320                                 | 12.28              | 12.52                                | 12.52              | 12.67                                | 18.52            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 100             | 5600                                 | 12.02              | 12.00                                | 12.00              | 12.36                                | 18.12            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 116             | 5680                                 | 12.03              | 11.97                                | 11.97              | 12.34                                | 18.10            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 140             | 5700                                 | 12.11              | 11.88                                | 11.88              | 12.31                                | 18.07            | 22.80                                | Pass             | 43        | 43          | 43    | 43    |       |    |
|                 |                 | 149             | 5745                                 | 17.32              | 17.10                                | 17.10              | 17.48                                | 23.27            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
|                 |                 | 157             | 5785                                 | 17.04              | 16.73                                | 16.73              | 17.14                                | 23.03            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
|                 |                 | 165             | 5825                                 | 16.84              | 16.63                                | 16.63              | 16.92                                | 22.78            | 28.80                                | Pass             | 33        | 33          | 33    | 33    |       |    |
|                 |                 | Mode:           | 802.11ax(40MHz)                      | Data Rate:         | HEONSS1                              | MIMO Mode(4Tx+4Rx) |                                      |                  |                                      |                  |           | Power Index |       |       |       |    |
|                 |                 | Test Conditions | Channel                              | Frequency (MHz)    | Ant 1+2+3+4 Reading Level Avg. (dBm) |                    |                                      |                  | Total Power Avg. (dBm (Ant 1+2+3+4)) | Limit Avg. (dBm) | Pass/Fail | Ant 3       | Ant 5 | Ant 6 | Ant 7 |    |
|                 |                 |                 |                                      |                    | Ant3                                 | Ant5               |                                      |                  |                                      |                  |           |             |       |       |       |    |







FCC 5GHz Power Table-ETH6(Outdoors and elevation angle > 30°)

Standard: FCC Part 15.407 Test Date: 2021.01.05 Temperature: 25°C Humidity: 55%RH
Project No.: 20B0117R Product Name: Wireless Access Point Model Name: AP510CX Test Site: TR8



Antenna Technology: CDD 2'2
Mode: 802.11a Data Rate: 6Mbps
Test Conditions: Channel Frequency (MHz) Ant3 Ant5 Avg (dBm) (Ant 1+2) Avg (dBm) Pass/Fail Ant 3 Ant 5

Antenna Technology: CDD 4'4
Mode: 802.11a Data Rate: 6Mbps
Test Conditions: Channel Frequency (MHz) Ant3 Ant5 Ant6 Ant7 Avg (dBm) (Ant 1+2+3+4) Avg (dBm) Pass/Fail Ant 3 Ant 5 Ant 6 Ant 7

| Mode:           |             | 802.11ax(20MHz) |      | Data Rate: |       | HEONSS1       |       | Conducted power |  |               |  | EIRP          |  |             | Power Index |            |    |             |  |                         |  |  |  |
|-----------------|-------------|-----------------|------|------------|-------|---------------|-------|-----------------|--|---------------|--|---------------|--|-------------|-------------|------------|----|-------------|--|-------------------------|--|--|--|
| Test Conditions |             | Channel         |      | Frequency  |       | Ant3          |       | Ant5            |  | Ant6          |  | Ant7          |  | Total Power |             | Limit      |    | Power Index |  |                         |  |  |  |
|                 |             | (MHz)           |      | Avg. (dBm) |       | Reading Level |       | Reading Level   |  | Reading Level |  | Reading Level |  | Avg. (dBm)  |             | Avg. (dBm) |    | Pass/Fail   |  | Ant 3 Ant 5 Ant 6 Ant 7 |  |  |  |
| Tnom (25°C)     | Vnom (120V) | 36              | 5180 | 11.09      | 11.13 | 11.10         | 11.06 | 20.12           |  | 21.00         |  | Pass          |  | 45          | 45          | 45         | 45 |             |  |                         |  |  |  |
|                 |             | 44              | 5220 | 11.13      | 11.16 | 11.13         | 11.29 | 20.20           |  | 21.00         |  | Pass          |  | 45          | 45          | 45         | 45 |             |  |                         |  |  |  |
|                 |             | 48              | 5240 | 10.98      | 11.04 | 11.03         | 11.36 | 20.12           |  | 21.00         |  | Pass          |  | 45          | 45          | 45         | 45 |             |  |                         |  |  |  |

| Antenna Technology: |             | 802.11n(20MHz) |      | Data Rate: |       | MCS0          |       | Conducted power |       |               |      | EIRP          |    |             | Power Index |            |  |             |  |                         |  |  |  |
|---------------------|-------------|----------------|------|------------|-------|---------------|-------|-----------------|-------|---------------|------|---------------|----|-------------|-------------|------------|--|-------------|--|-------------------------|--|--|--|
| Test Conditions     |             | Channel        |      | Frequency  |       | Ant3          |       | Ant5            |       | Ant6          |      | Ant7          |    | Total Power |             | Limit      |  | Power Index |  |                         |  |  |  |
|                     |             | (MHz)          |      | Avg. (dBm) |       | Reading Level |       | Reading Level   |       | Reading Level |      | Reading Level |    | Avg. (dBm)  |             | Avg. (dBm) |  | Pass/Fail   |  | Ant 3 Ant 5 Ant 6 Ant 7 |  |  |  |
| Tnom (25°C)         | Vnom (120V) | 36             | 5180 | 11.18      | 11.18 | 11.48         | 20.35 |                 | 21.00 |               | Pass |               | 45 | 45          |             |            |  |             |  |                         |  |  |  |
|                     |             | 44             | 5220 | 10.99      | 11.33 | 11.49         | 20.18 |                 | 21.00 |               | Pass |               | 45 | 45          |             |            |  |             |  |                         |  |  |  |
|                     |             | 48             | 5240 | 10.87      | 11.28 | 11.30         | 20.10 |                 | 21.00 |               | Pass |               | 45 | 45          |             |            |  |             |  |                         |  |  |  |

| Antenna Technology: |             | 802.11n(20MHz) |      | Data Rate: |      | MCS0          |      | Conducted power |  |               |  | EIRP          |  |             | Power Index |            |    |             |  |                         |  |  |  |
|---------------------|-------------|----------------|------|------------|------|---------------|------|-----------------|--|---------------|--|---------------|--|-------------|-------------|------------|----|-------------|--|-------------------------|--|--|--|
| Test Conditions     |             | Channel        |      | Frequency  |      | Ant3          |      | Ant5            |  | Ant6          |  | Ant7          |  | Total Power |             | Limit      |    | Power Index |  |                         |  |  |  |
|                     |             | (MHz)          |      | Avg. (dBm) |      | Reading Level |      | Reading Level   |  | Reading Level |  | Reading Level |  | Avg. (dBm)  |             | Avg. (dBm) |    | Pass/Fail   |  | Ant 3 Ant 5 Ant 6 Ant 7 |  |  |  |
| Tnom (25°C)         | Vnom (120V) | 36             | 5180 | 5.17       | 5.34 | 5.35          | 5.47 | 20.37           |  | 21.00         |  | Pass          |  | 57          | 57          | 57         | 57 |             |  |                         |  |  |  |
|                     |             | 44             | 5220 | 5.26       | 5.31 | 5.42          | 5.39 | 20.38           |  | 21.00         |  | Pass          |  | 57          | 57          | 57         | 57 |             |  |                         |  |  |  |
|                     |             | 48             | 5240 | 4.98       | 5.22 | 5.36          | 5.26 | 20.25           |  | 21.00         |  | Pass          |  | 57          | 57          | 57         | 57 |             |  |                         |  |  |  |

| Mode            | 802.11ac(80MHz) | Data Rate          | MCS0NSS1                            | MIMO Mode(4TX+4RX)                  |                                     |                                     |  |            |           |       |       | Power Index |       |             |  |
|-----------------|-----------------|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|------------|-----------|-------|-------|-------------|-------|-------------|--|
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4                         |                                     |                                     |                                     | Total Power<br>Avg. (dBm)<br>(Ant 1+2+3+4) | Limit      |           | Ant 3 | Ant 5 | Ant 6       | Ant 7 |             |  |
|                 |                 |                    | Ant3<br>Reading Level<br>Avg. (dBm) | Ant5<br>Reading Level<br>Avg. (dBm) | Ant6<br>Reading Level<br>Avg. (dBm) | Ant7<br>Reading Level<br>Avg. (dBm) |  | Avg. (dBm) | Pass/Fail |       |       |             |       |             |  |
|                 |                 |                    | Conducted power                     | MIMO Mode(4TX+4RX)                  |                                     |                                     |  | EIRP       |           |       |       |             |       |             |  |
| Tnom (25°C)     | Vnom (120V)     | 42                 | 5210                                | 4.88                                | 5.24                                | 5.12                                | 5.23                                       | 20.16      | 21.00     | Pass  | 57    | 57          | 57    | 57          |  |
| Mode            | 802.11ax(20MHz) | Data Rate          | HE0NSS1                             | MIMO Mode(4TX+4RX)                  |                                     |                                     |  |            |           |       |       | Power Index |       |             |  |
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4                         |                                     |                                     |                                     | Total Power<br>Avg. (dBm)<br>(Ant 1+2+3+4) | Limit      |           | Ant 3 | Ant 5 | Ant 6       | Ant 7 |             |  |
|                 |                 |                    | Ant3<br>Reading Level<br>Avg. (dBm) | Ant5<br>Reading Level<br>Avg. (dBm) | Ant6<br>Reading Level<br>Avg. (dBm) | Ant7<br>Reading Level<br>Avg. (dBm) |  | Avg. (dBm) | Pass/Fail |       |       |             |       |             |  |
|                 |                 |                    | Conducted power                     | MIMO Mode(4TX+4RX)                  |                                     |                                     |  | EIRP       |           |       |       |             |       |             |  |
| Tnom (25°C)     | Vnom (120V)     | 36                 | 5180                                | 5.11                                | 5.36                                | 5.29                                | 5.47                                       | 20.35      | 21.00     | Pass  | 57    | 57          | 57    | 57          |  |
|                 |                 | 44                 | 5220                                | 5.13                                | 5.28                                | 5.34                                | 5.46                                       | 20.34      | 21.00     | Pass  | 57    | 57          | 57    | 57          |  |
|                 |                 | 48                 | 5240                                | 4.99                                | 5.33                                | 5.32                                | 5.44                                       | 20.31      | 21.00     | Pass  | 57    | 57          | 57    | 57          |  |
| Mode            | 802.11ax(40MHz) | Data Rate          | HE0NSS1                             | MIMO Mode(4TX+4RX)                  |                                     |                                     |  |            |           |       |       | Power Index |       |             |  |
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4                         |                                     |                                     |                                     | Total Power<br>Avg. (dBm)<br>(Ant 1+2+3+4) | Limit      |           | Ant 3 | Ant 5 | Ant 6       | Ant 7 |             |  |
|                 |                 |                    | Ant3<br>Reading Level<br>Avg. (dBm) | Ant5<br>Reading Level<br>Avg. (dBm) | Ant6<br>Reading Level<br>Avg. (dBm) | Ant7<br>Reading Level<br>Avg. (dBm) |  | Avg. (dBm) | Pass/Fail |       |       |             |       |             |  |
|                 |                 |                    | Conducted power                     | MIMO Mode(4TX+4RX)                  |                                     |                                     |  | EIRP       |           |       |       |             |       |             |  |
| Tnom (25°C)     | Vnom (120V)     | 38                 | 5190                                | 4.77                                | 5.06                                | 5.06                                | 5.14                                       | 20.05      | 21.00     | Pass  | 57    | 57          | 57    | 57          |  |
|                 |                 | 46                 | 5230                                | 4.65                                | 5.08                                | 5.08                                | 5.16                                       | 20.04      | 21.00     | Pass  | 57    | 57          | 57    | 57          |  |
|                 |                 | Mode               | 802.11ax(80MHz)                     | Data Rate                           | HE0NSS1                             | MIMO Mode(4TX+4RX)                  |  |            |           |       |       |             |       | Power Index |  |
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4                         |                                     |                                     |                                     | Total Power<br>Avg. (dBm)<br>(Ant 1+2+3+4) | Limit      |           | Ant 3 | Ant 5 | Ant 6       | Ant 7 |             |  |
|                 |                 |                    | Ant3<br>Reading Level<br>Avg. (dBm) | Ant5<br>Reading Level<br>Avg. (dBm) | Ant6<br>Reading Level<br>Avg. (dBm) | Ant7<br>Reading Level<br>Avg. (dBm) |  | Avg. (dBm) | Pass/Fail |       |       |             |       |             |  |
|                 |                 |                    | Conducted power                     | MIMO Mode(4TX+4RX)                  |                                     |                                     |  | EIRP       |           |       |       |             |       |             |  |
| Tnom (25°C)     | Vnom (120V)     | 42                 | 5210                                | 4.91                                | 5.23                                | 5.18                                | 5.31                                       | 20.18      | 21.00     | Pass  | 57    | 57          | 57    | 57          |  |
| Mode            | 802.11ax(80MHz) | Data Rate          | HE0NSS1                             | MIMO Mode(4TX+4RX)                  |                                     |                                     |  |            |           |       |       | Power Index |       |             |  |
| Test Conditions | Channel         | Frequency<br>(MHz) | Ant 1+2+3+4                         |                                     |                                     |                                     | Total Power<br>Avg. (dBm)<br>(Ant 1+2+3+4) | Limit      |           | Ant 3 | Ant 5 | Ant 6       | Ant 7 |             |  |
|                 |                 |                    | Ant3<br>Reading Level<br>Avg. (dBm) | Ant5<br>Reading Level<br>Avg. (dBm) | Ant6<br>Reading Level<br>Avg. (dBm) | Ant7<br>Reading Level<br>Avg. (dBm) |  | Avg. (dBm) | Pass/Fail |       |       |             |       |             |  |
|                 |                 |                    | Conducted power                     | MIMO Mode(4TX+4RX)                  |                                     |                                     |  | EIRP       |           |       |       |             |       |             |  |
| Tnom (25°C)     | Vnom (120V)     | 42                 | 5210                                | 3.52                                | 3.78                                | 3.80                                | 3.98                                       | 18.81      | 21.00     | Pass  | 55    | 55          | 55    | 55          |  |

FCC 5GHz Power Table-ETH 7

|  |  |   |                        |                   |
|--|--|---|------------------------|-------------------|
| <b>Standard:</b> FCC Part 15.407           | <b>Test Date:</b> 2021.03.31               | <b>Temperature:</b> 25°C                  | <b>Humidity:</b> 55%RH |                   |
| <b>Project No.:</b> 20B0117R               | <b>Product Name:</b> Wireless Access Point | <b>Model Name:</b> AP510CX                | <b>Test Site:</b> TR8  |                   |
| <b>Antenna Gain(dBi)</b>                   | <b>Ant 1</b> 7.20                          | <b>Ant 2</b> 7.20                         | <b>Ant 3</b> 7.20      | <b>Ant 4</b> 7.20 |
| <b>2*2 CDD-Directional Gain-Power(dBi)</b> | 7.20                                       | <b>2*2 BF-Directional Gain-Power(dBi)</b> | 10.21                  |                   |
| <b>4*4 CDD-Directional Gain-Power(dBi)</b> | 7.20                                       | <b>4*4 BF-Directional Gain-Power(dBi)</b> | 13.22                  |                   |



| Conducted power MIMO Mode(4TX+4RX)                       |                            |  |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
|--|----------------------------|--|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------------|------------|------------|-------|-------|------|--|--|
| Test Conditions  | Channel                    | Frequency (MHz)  | Ant 1+2+3+4              |                          |                          |                          | Total Power (Ant 1+2+3+4) (dBm) | Limit      |            |       |       |      |  |  |
|  |                            |  | Ant1 Reading Level (dBm) | Ant2 Reading Level (dBm) | Ant3 Reading Level (dBm) | Ant4 Reading Level (dBm) |                                 | Avg. (dBm) | Pass/Fail  |       |       |      |  |  |
|  |                            |  | Avg. (dBm)               | Avg. (dBm)               | Avg. (dBm)               | Avg. (dBm)               |                                 | Avg. (dBm) | Avg. (dBm) |       |       |      |  |  |
| <b>Mode:</b> 802.11n(20MHz)                              | <b>Data Rate:</b> MCS24    | Conducted power MIMO Mode(4TX+4RX)                       |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
| Tnom (25 °C)   | Vnom (120V)                | 36   | 5180                     | 10.63                    | 10.51                    | 10.60                    | 10.68                           | 16.63      | 28.80      | Pass  |       |      |  |  |
|  |                            | 44   | 5220                     | 10.65                    | 10.62                    | 10.41                    | 10.58                           | 16.59      | 28.80      | Pass  |       |      |  |  |
|  |                            | 48   | 5240                     | 10.58                    | 10.49                    | 10.66                    | 10.56                           | 16.59      | 28.80      | Pass  |       |      |  |  |
|  |                            | 52   | 5260                     | 15.96                    | 16.09                    | 16.02                    | 15.91                           | 22.02      | 22.80      | Pass  |       |      |  |  |
|  |                            | 60   | 5300                     | 16.05                    | 15.92                    | 16.08                    | 16.00                           | 22.03      | 22.80      | Pass  |       |      |  |  |
|  |                            | 64   | 5320                     | 15.82                    | 16.18                    | 15.97                    | 15.86                           | 21.98      | 22.80      | Pass  |       |      |  |  |
| <b>Mode:</b> 802.11n(40MHz)                              | <b>Data Rate:</b> MCS24    | Conducted power MIMO Mode(4TX+4RX)                       |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
| Tnom (25 °C)   | Vnom (120V)                | 38   | 5190                     | 10.77                    | 10.65                    | 10.91                    | 10.64                           | 16.77      | 28.80      | Pass  |       |      |  |  |
|  |                            | 46   | 5230                     | 10.57                    | 10.64                    | 10.75                    | 10.52                           | 16.64      | 28.80      | Pass  |       |      |  |  |
|  |                            | 52   | 5270                     | 15.84                    | 15.90                    | 16.00                    | 15.78                           | 21.90      | 22.80      | Pass  |       |      |  |  |
|  |                            | 60   | 5310                     | 13.44                    | 13.73                    | 13.64                    | 13.60                           | 19.62      | 22.80      | Pass  |       |      |  |  |
|  |                            | <b>Mode:</b> 802.11ac(20MHz) <b>Data Rate:</b> MCS30NSS4 |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
|  |                            | Tnom (25 °C)   | Vnom (120V)              | 36                       | 5180                     | 10.63                    | 10.51                           | 10.60      | 10.68      | 16.63 | 28.80 | Pass |  |  |
| 44   | 5220                       |  |                          | 10.65                    | 10.62                    | 10.41                    | 10.58                           | 16.59      | 28.80      | Pass  |       |      |  |  |
| 48   | 5240                       |  |                          | 10.58                    | 10.49                    | 10.66                    | 10.56                           | 16.59      | 28.80      | Pass  |       |      |  |  |
| 52   | 5260                       |  |                          | 15.77                    | 15.93                    | 15.88                    | 15.93                           | 21.90      | 22.80      | Pass  |       |      |  |  |
| 60   | 5300                       |  |                          | 16.01                    | 15.83                    | 15.92                    | 16.03                           | 21.97      | 22.80      | Pass  |       |      |  |  |
| 64   | 5320                       |  |                          | 15.63                    | 16.00                    | 15.75                    | 15.70                           | 21.79      | 22.80      | Pass  |       |      |  |  |
| <b>Mode:</b> 802.11ac(40MHz) <b>Data Rate:</b> MCS30NSS4 |                            |  |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
| Tnom (25 °C)   | Vnom (120V)                | 38   | 5190                     | 10.83                    | 10.71                    | 10.76                    | 10.63                           | 16.76      | 28.80      | Pass  |       |      |  |  |
|  |                            | 46   | 5230                     | 10.53                    | 10.68                    | 10.67                    | 10.48                           | 16.61      | 28.80      | Pass  |       |      |  |  |
|  |                            | 52   | 5270                     | 15.85                    | 15.95                    | 16.05                    | 15.93                           | 21.97      | 22.80      | Pass  |       |      |  |  |
|  |                            | 60   | 5310                     | 13.51                    | 13.81                    | 13.57                    | 13.43                           | 19.60      | 22.80      | Pass  |       |      |  |  |
|  |                            | <b>Mode:</b> 802.11ac(80MHz) <b>Data Rate:</b> MCS30NSS4 |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
|  |                            | Tnom (25 °C)   | Vnom (120V)              | 42                       | 5210                     | 10.70                    | 10.64                           | 10.73      | 10.84      | 16.75 | 28.80 | Pass |  |  |
| 58   | 5290                       |  |                          | 13.01                    | 13.23                    | 13.10                    | 13.13                           | 19.14      | 22.80      | Pass  |       |      |  |  |
| <b>Mode:</b> 802.11ax(20MHz) <b>Data Rate:</b> HE36NSS4  |                            |  |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
| Tnom (25 °C)   | Vnom (120V)                | 36   | 5180                     | 10.63                    | 10.51                    | 10.60                    | 10.68                           | 16.63      | 28.80      | Pass  |       |      |  |  |
|  |                            | 44   | 5220                     | 10.65                    | 10.62                    | 10.41                    | 10.58                           | 16.59      | 28.80      | Pass  |       |      |  |  |
|  |                            | 48   | 5240                     | 10.58                    | 10.49                    | 10.66                    | 10.56                           | 16.59      | 28.80      | Pass  |       |      |  |  |
|  |                            | 52   | 5260                     | 15.83                    | 16.02                    | 15.90                    | 15.85                           | 21.92      | 22.80      | Pass  |       |      |  |  |
|  |                            | 60   | 5300                     | 15.86                    | 15.88                    | 15.90                    | 15.81                           | 21.88      | 22.80      | Pass  |       |      |  |  |
|  |                            | 64   | 5320                     | 15.63                    | 16.01                    | 15.99                    | 15.88                           | 21.90      | 22.80      | Pass  |       |      |  |  |
| <b>Mode:</b> 802.11ax(40MHz)                             | <b>Data Rate:</b> HE36NSS4 | Conducted power MIMO Mode(4TX+4RX)                       |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
| Tnom (25 °C)   | Vnom (120V)                | 38   | 5190                     | 10.81                    | 10.68                    | 10.92                    | 10.63                           | 16.78      | 28.80      | Pass  |       |      |  |  |
|  |                            | 46   | 5230                     | 10.69                    | 10.76                    | 10.61                    | 10.62                           | 16.69      | 28.80      | Pass  |       |      |  |  |
|  |                            | 52   | 5270                     | 16.00                    | 15.94                    | 15.97                    | 15.89                           | 21.97      | 22.80      | Pass  |       |      |  |  |
|  |                            | 60   | 5310                     | 13.47                    | 13.86                    | 13.71                    | 13.52                           | 19.66      | 22.80      | Pass  |       |      |  |  |
|  |                            | <b>Mode:</b> 802.11ax(80MHz) <b>Data Rate:</b> HE36NSS4  |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
|  |                            | Tnom (25 °C)   | Vnom (120V)              | 42                       | 5210                     | 10.63                    | 10.59                           | 10.72      | 10.73      | 16.69 | 28.80 | Pass |  |  |
| 58   | 5290                       |  |                          | 13.09                    | 13.13                    | 13.06                    | 13.07                           | 19.11      | 22.80      | Pass  |       |      |  |  |
| <b>Mode:</b> 802.11ax(160MHz) <b>Data Rate:</b> HE36NSS4 |                            |  |                          |                          |                          |                          |                                 |            |            |       |       |      |  |  |
| Tnom (25 °C)   | Vnom (120V)                | 50   | 5250                     | 13.21                    | 13.39                    | 13.32                    | 13.24                           | 19.31      | 22.80      | Pass  |       |      |  |  |



|                 |                  |             |               |                    |               |               |                             |               |           |      |  |  |
|-----------------|------------------|-------------|---------------|--------------------|---------------|---------------|-----------------------------|---------------|-----------|------|--|--|
| Tnom (25 °C)    | Vnom (120V)      | 58          | 5290          | 11.67              | 11.58         | 11.73         | 11.93                       | 17.75         | 22.80     | Pass |  |  |
|                 |                  | 106         | 5530          | 12.43              | 12.68         | 12.72         | 12.58                       | 18.62         | 22.80     | Pass |  |  |
|                 |                  | 122         | 5610          | 15.40              | 15.49         | 15.56         | 15.50                       | 21.51         | 22.80     | Pass |  |  |
|                 |                  | 155         | 5775          | 13.56              | 13.47         | 13.47         | 13.57                       | 19.54         | 22.80     | Pass |  |  |
| Mode:           | 802.11ax(160MHz) | Data Rate:  | HE36NSS4      | Conducted power    |               |               |                             |               |           |      |  |  |
|                 |                  |             |               | MIMO Mode(4TX+4RX) |               |               |                             |               |           |      |  |  |
| Test Conditions | Channel          | Ant 1+2+3+4 |               |                    |               | Total Power   |                             | Limit         |           |      |  |  |
|                 |                  | Frequency   | Ant1          | Ant2               | Ant3          | Ant4          | Avg. (dBm)<br>(Ant 1+2+3+4) | Avg.<br>(dBm) | Pass/Fail |      |  |  |
|                 |                  | (MHz)       | Reading Level | Reading Level      | Reading Level | Reading Level |                             |               |           |      |  |  |
|                 |                  |             | Avg. (dBm)    | Avg. (dBm)         | Avg. (dBm)    | Avg. (dBm)    |                             |               |           |      |  |  |
| Tnom (25 °C)    | Vnom (120V)      | 50          | 5250          | 11.81              | 11.67         | 11.72         | 11.87                       | 17.79         | 22.80     | Pass |  |  |
|                 |                  | 114         | 5570          | 12.52              | 12.44         | 12.57         | 12.50                       | 18.53         | 22.80     | Pass |  |  |