

FCC 5GHz Power Table-Radio 3(5G High band mode)



| | | | | | | | | | |
|-------------------------------------|-----------------|------------|------------|------------------------------------|-----------------------|-------------|---------|------------|-----|
| Standard: | FCC Part 15.407 | Test Date: | 2020.04.07 | Temperature: | 25°C | Humidity: | 55%RH | | |
| Project No.: | 2032034R | | | Product Name: | Wireless Access Point | Model Name: | AP460SC | Test Site: | TR8 |
| Antenna Gain(dBi) | Ant 3 | 7.84 | Ant 5 | 8.06 | Ant 6 | 7.91 | Ant 7 | 7.65 | |
| 2*2 CDD-Directional Gain-Power(dBi) | 8.06 | | | 2*2 BF-Directional Gain-Power(dBi) | 11.07 | | | | |
| 4*4 CDD-Directional Gain-Power(dBi) | 8.06 | | | 4*4 BF-Directional Gain-Power(dBi) | 14.08 | | | | |

| | | | | | | | | | | |
|---------------------|-----------------|------------|-----------|--------------------|-------|------------|-------------|------------|-----------|--|
| Test Eng: | Pawn | | | | | | | | | |
| Antenna Technology: | CDD 2*2 | | | | | | | | | |
| Mode: | 802.11a | Data Rate: | 6Mbps | Conducted power | | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| | | | | Ant 3+5 | | | Total Power | | Limit | |
| | | | | Reading Level | | | | | | |
| | | | | Avg. (dBm) | | | | | | |
| Test Conditions | | Channel | Frequency | | | | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 21.58 | 21.91 | 24.76 | | 27.94 | Pass | |
| | | 157 | 5785 | 21.47 | 21.48 | 24.49 | | 27.94 | Pass | |
| | | 165 | 5825 | 21.36 | 21.24 | 24.31 | | 27.94 | Pass | |
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power | | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| | | | | Ant 3+5 | | | Total Power | | Limit | |
| | | | | Reading Level | | | | | | |
| | | | | Avg. (dBm) | | | | | | |
| Test Conditions | | Channel | Frequency | | | | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 21.47 | 21.92 | 24.71 | | 27.94 | Pass | |
| | | 157 | 5785 | 21.40 | 21.62 | 24.52 | | 27.94 | Pass | |
| | | 165 | 5825 | 21.38 | 21.22 | 24.31 | | 27.94 | Pass | |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power | | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| | | | | Ant 3+5 | | | Total Power | | Limit | |
| | | | | Reading Level | | | | | | |
| | | | | Avg. (dBm) | | | | | | |
| Test Conditions | | Channel | Frequency | | | | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 21.64 | 21.91 | 24.79 | | 27.94 | Pass | |
| | | 159 | 5795 | 21.41 | 21.57 | 24.50 | | 27.94 | Pass | |
| | | | | | | | | | | |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| | | | | Ant 3+5 | | | Total Power | | Limit | |
| | | | | Reading Level | | | | | | |
| | | | | Avg. (dBm) | | | | | | |
| Test Conditions | | Channel | Frequency | | | | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 21.47 | 21.85 | 24.67 | | 27.94 | Pass | |
| | | 157 | 5785 | 21.49 | 21.52 | 24.52 | | 27.94 | Pass | |
| | | 165 | 5825 | 21.36 | 21.33 | 24.36 | | 27.94 | Pass | |
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| | | | | Ant 3+5 | | | Total Power | | Limit | |
| | | | | Reading Level | | | | | | |
| | | | | Avg. (dBm) | | | | | | |
| Test Conditions | | Channel | Frequency | | | | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 21.62 | 21.85 | 24.75 | | 27.94 | Pass | |

| THRU (25 °C) | Vnom (120V) | 159 | 5795 | 21.31 | 21.58 | 24.46 | 27.94 | Pass | |
|----------------------------|------------------------|-------------------|------------------|---------------------------|----------------------|----------------------|----------------------|--------------------|--------------|
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Ant 3+5 | | Total Power | Limit | | |
| | | | | Reading Level | Avg. (dBm) | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 155 | 5775 | 15.96 | 16.22 | 19.10 | 27.94 | Pass | |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | Conducted power | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Ant 3+5 | | Total Power | Limit | | |
| | | | | Reading Level | Avg. (dBm) | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 21.50 | 21.95 | 24.74 | 27.94 | Pass | |
| | | 157 | 5785 | 21.44 | 21.43 | 24.45 | 27.94 | Pass | |
| | | 165 | 5825 | 21.35 | 21.27 | 24.32 | 27.94 | Pass | |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | Conducted power | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Ant 3+5 | | Total Power | Limit | | |
| | | | | Reading Level | Avg. (dBm) | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 21.58 | 21.91 | 24.76 | 27.94 | Pass | |
| | | 159 | 5795 | 21.37 | 21.56 | 24.48 | 27.94 | Pass | |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | Conducted power | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Ant 3+5 | | Total Power | Limit | | |
| | | | | Reading Level | Avg. (dBm) | | | | |
| | | | (MHz) | Ant3 | Ant5 | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 155 | 5775 | 15.91 | 16.19 | 19.06 | 27.94 | Pass | |
| Antenna Technology: | | ODD 4*4 | | | | | | | |
| Mode: | 802.11a | Data Rate: | 6Mbps | Conducted power | | | | | |
| | | | | MIMO Mode(4TX+4RX) | | | | | |
| Test Conditions | | Channel | Frequency | Ant 3+5+6+7 | | | | Total Power | Limit |
| | | | | Ant3 | Ant5 | Ant6 | Ant7 | | |
| | | | | Reading Level | Reading Level | Reading Level | Reading Level | | |
| | | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 20.76 | 21.30 | 21.52 | 21.42 | 27.28 | |
| | | 157 | 5785 | 20.79 | 21.06 | 21.31 | 20.96 | 27.05 | |
| | | 165 | 5825 | 20.80 | 20.82 | 20.81 | 20.77 | 26.82 | |
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power | | | | | |
| | | | | MIMO Mode(4TX+4RX) | | | | | |
| Test Conditions | | Channel | Frequency | Ant 3+5+6+7 | | | | Total Power | Limit |
| | | | | Ant3 | Ant5 | Ant6 | Ant7 | | |
| | | | | Reading Level | Reading Level | Reading Level | Reading Level | | |
| | | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 21.09 | 21.32 | 21.35 | 21.39 | 27.31 | |
| | | 157 | 5785 | 20.92 | 20.92 | 21.18 | 21.01 | 27.03 | |
| | | 165 | 5825 | 20.86 | 20.61 | 20.95 | 20.70 | 26.80 | |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power | | | | | |
| | | | | MIMO Mode(4TX+4RX) | | | | | |
| Test Conditions | | Channel | Frequency | Ant 3+5+6+7 | | | | Total Power | Limit |
| | | | | Ant3 | Ant5 | Ant6 | Ant7 | | |
| | | | | 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) | 151 | 5755 | 20.99 | 21.52 | 21.48 | 21.45 | 27.39 | 27.94 | Pass |
| | | 159 | 5795 | 20.82 | 21.07 | 21.11 | 20.97 | 27.01 | 27.94 | Pass |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power MIMO Mode(4TX+4RX) | | | | | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | | 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) | 149 | 5745 | 21.03 | 21.37 | 21.36 | 21.22 | 27.27 | 27.94 | Pass |
| | | 157 | 5785 | 21.01 | 20.86 | 21.13 | 20.98 | 27.02 | 27.94 | Pass |
| | | 165 | 5825 | 20.75 | 20.72 | 20.61 | 20.85 | 26.75 | 27.94 | Pass |
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | Conducted power MIMO Mode(4TX+4RX) | | | | | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | | 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) | 151 | 5755 | 20.91 | 21.27 | 21.39 | 21.37 | 27.26 | 27.94 | Pass |
| | | 159 | 5795 | 20.86 | 21.02 | 21.18 | 20.96 | 27.03 | 27.94 | Pass |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | Conducted power MIMO Mode(4TX+4RX) | | | | | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | | 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) | 155 | 5775 | 14.32 | 14.58 | 14.31 | 14.85 | 20.54 | 27.94 | Pass |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | Conducted power MIMO Mode(4TX+4RX) | | | | | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | | 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) | 149 | 5745 | 20.99 | 21.36 | 21.46 | 21.31 | 27.30 | 27.94 | Pass |
| | | 157 | 5785 | 20.97 | 20.95 | 21.19 | 20.95 | 27.04 | 27.94 | Pass |
| | | 165 | 5825 | 20.62 | 20.95 | 20.86 | 20.81 | 26.83 | 27.94 | Pass |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | Conducted power MIMO Mode(4TX+4RX) | | | | | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | | 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) | 151 | 5755 | 21.18 | 21.48 | 21.58 | 21.30 | 27.41 | 27.94 | Pass |
| | | 159 | 5795 | 20.64 | 20.88 | 21.01 | 20.94 | 26.89 | 27.94 | Pass |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | Conducted power MIMO Mode(4TX+4RX) | | | | | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | | 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) | 155 | 5775 | 14.46 | 14.63 | 14.49 | 14.91 | 20.65 | 27.94 | Pass |
| Antenna Technology: | Beamforming 2'2 | | | | | | | | | |
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power MIMO Mode(2TX+2RX) | | | | | | |
| | | | | Ant 3+5 | | | | | | |

| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
|-----------------|-----------------|---------------------------------------|-----------|---------------------------------------|-------|-------------|-------|-----------|--|
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 21.16 | 21.71 | 24.45 | 24.93 | Pass | |
| | | 157 | 5785 | 21.22 | 21.17 | 24.21 | 24.93 | Pass | |
| | | 165 | 5825 | 21.10 | 21.22 | 24.17 | 24.93 | Pass | |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 21.36 | 21.78 | 24.59 | 24.93 | Pass | |
| | | 159 | 5795 | 21.12 | 21.47 | 24.31 | 24.93 | Pass | |
| | | Conducted power MIMO Mode(2TX+2RX) | | | | | | | |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 21.49 | 21.64 | 24.58 | 24.93 | Pass | |
| | | 157 | 5785 | 21.25 | 21.41 | 24.34 | 24.93 | Pass | |
| | | 165 | 5825 | 21.05 | 21.17 | 24.12 | 24.93 | Pass | |
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | Conducted power MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 21.50 | 21.60 | 24.56 | 24.93 | Pass | |
| | | 159 | 5795 | 21.10 | 21.22 | 24.17 | 24.93 | Pass | |
| | | Conducted power MIMO Mode(2TX+2RX) | | | | | | | |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | Conducted power MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 155 | 5775 | 15.64 | 18.02 | 18.84 | 24.93 | Pass | |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | Conducted power MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 21.13 | 21.75 | 24.46 | 24.93 | Pass | |
| | | 157 | 5785 | 21.14 | 21.44 | 24.30 | 24.93 | Pass | |
| | | 165 | 5825 | 21.07 | 21.07 | 24.08 | 24.93 | Pass | |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | Conducted power MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 21.50 | 21.52 | 24.52 | 24.93 | Pass | |
| | | 159 | 5795 | 20.97 | 21.35 | 24.17 | 24.93 | Pass | |
| | | Conducted power MIMO Mode(2TX+2RX) | | | | | | | |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | Conducted power MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 21.50 | 21.52 | 24.52 | 24.93 | Pass | |
| | | 159 | 5795 | 20.97 | 21.35 | 24.17 | 24.93 | Pass | |
| | | Conducted power MIMO Mode(2TX+2RX) | | | | | | | |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | Conducted power MIMO Mode(2TX+2RX) | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 21.50 | 21.52 | 24.52 | 24.93 | Pass | |
| | | 159 | 5795 | 20.97 | 21.35 | 24.17 | 24.93 | Pass | |
| | | Conducted power MIMO Mode(2TX+2RX) | | | | | | | |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | Conducted power MIMO Mode(2TX+2RX) | | | | | |

| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | Limit | |
|-----------------|-------------|---------|-----------|---------------|--|-------------|-------|------------|
| | | | (MHz) | Avg. (dBm) | | | | |
| | | | | Ant3 | | Ant5 | | |
| Tnom (25 °C) | Vnom (120V) | 155 | 5775 | 15.63 | | 15.90 | 18.78 | 24.93 Pass |

| Antenna Technology: | | Beamforming 4*4 | | | | | | | | | |
|---------------------|-------------|-----------------|--------------------|---------------|---------------|---------------|---------------|-------------|------------|-----------|--|
| Mode: | | Conducted power | | | | | | | | | |
| 802.11n(20MHz) | | Data Rate: | MIMO Mode(4TX*4RX) | | | | | | | | |
| | | Ant 3+5+6+7 | | | | | | | | | |
| Test Conditions | | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | | |
| | | | (MHz) | Reading Level | Reading Level | Reading Level | Reading Level | | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 14.87 | 15.23 | 15.30 | 15.31 | 21.20 | 21.92 | Pass | |
| | | 157 | 5785 | 14.86 | 14.93 | 15.11 | 14.89 | 20.97 | 21.92 | Pass | |
| | | 165 | 5825 | 14.81 | 14.87 | 14.77 | 14.82 | 20.84 | 21.92 | Pass | |
| Mode: | | Conducted power | | | | | | | | | |
| 802.11n(40MHz) | | Data Rate: | MIMO Mode(4TX*4RX) | | | | | | | | |
| | | Ant 3+5+6+7 | | | | | | | | | |
| Test Conditions | | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | | |
| | | | (MHz) | Reading Level | Reading Level | Reading Level | Reading Level | | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 14.98 | 15.44 | 15.54 | 15.27 | 21.33 | 21.92 | Pass | |
| | | 159 | 5795 | 14.79 | 14.84 | 14.92 | 14.84 | 20.87 | 21.92 | Pass | |
| Mode: | | Conducted power | | | | | | | | | |
| 802.11ac(20MHz) | | Data Rate: | MIMO Mode(4TX*4RX) | | | | | | | | |
| | | Ant 3+5+6+7 | | | | | | | | | |
| Test Conditions | | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | | |
| | | | (MHz) | Reading Level | Reading Level | Reading Level | Reading Level | | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 14.74 | 15.28 | 15.53 | 15.25 | 21.23 | 21.92 | Pass | |
| | | 157 | 5785 | 14.92 | 14.87 | 15.01 | 15.10 | 21.00 | 21.92 | Pass | |
| | | 165 | 5825 | 14.74 | 14.75 | 14.76 | 14.73 | 20.77 | 21.92 | Pass | |
| Mode: | | Conducted power | | | | | | | | | |
| 802.11ac(40MHz) | | Data Rate: | MIMO Mode(4TX*4RX) | | | | | | | | |
| | | Ant 3+5+6+7 | | | | | | | | | |
| Test Conditions | | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | | |
| | | | (MHz) | Reading Level | Reading Level | Reading Level | Reading Level | | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 151 | 5755 | 15.07 | 15.31 | 15.35 | 15.30 | 21.28 | 21.92 | Pass | |
| | | 159 | 5795 | 14.89 | 15.04 | 14.88 | 14.85 | 20.94 | 21.92 | Pass | |
| Mode: | | Conducted power | | | | | | | | | |
| 802.11ac(80MHz) | | Data Rate: | MIMO Mode(4TX*4RX) | | | | | | | | |
| | | Ant 3+5+6+7 | | | | | | | | | |
| Test Conditions | | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | | |
| | | | (MHz) | Reading Level | Reading Level | Reading Level | Reading Level | | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 155 | 5775 | 14.45 | 14.52 | 14.46 | 14.79 | 20.58 | 21.92 | Pass | |
| Mode: | | Conducted power | | | | | | | | | |
| 802.11ax(20MHz) | | Data Rate: | MIMO Mode(4TX*4RX) | | | | | | | | |
| | | Ant 3+5+6+7 | | | | | | | | | |
| Test Conditions | | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | | |
| | | | (MHz) | Reading Level | Reading Level | Reading Level | Reading Level | | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 149 | 5745 | 14.98 | 15.45 | 15.41 | 15.23 | 21.29 | 21.92 | Pass | |
| | | 157 | 5785 | 14.93 | 15.04 | 15.13 | 15.01 | 21.05 | 21.92 | Pass | |
| | | 165 | 5825 | 14.78 | 14.79 | 14.77 | 14.61 | 20.76 | 21.92 | Pass | |

| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | MIMO Mode(4TX+4RX) | | | | | | | |
|-----------------|-----------------|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------|------------|-----------|-------|-------|
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5+6+7 | | | | Total Power Avg. (dBm) | Limit | | | |
| | | | Ant3 Reading Level Avg. (dBm) | Ant5 Reading Level Avg. (dBm) | Ant6 Reading Level Avg. (dBm) | Ant7 Reading Level Avg. (dBm) | | Avg. (dBm) | Pass/Fail | | |
| | | | Tnom (25 °C) | Vnom (120V) | 151 | 5755 | | 15,03 | 15,37 | 15,60 | 15,39 |
| | | 159 | 5795 | 14,60 | 14,94 | 14,90 | 15,14 | 20,92 | 21,92 | Pass | |
| | | | | Conducted power | | | | | | | |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | MIMO Mode(4TX+4RX) | | | | | | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5+6+7 | | | | Total Power Avg. (dBm) | Limit | | | |
| | | | Ant3 Reading Level Avg. (dBm) | Ant5 Reading Level Avg. (dBm) | Ant6 Reading Level Avg. (dBm) | Ant7 Reading Level Avg. (dBm) | | Avg. (dBm) | Pass/Fail | | |
| | | | Tnom (25 °C) | Vnom (120V) | 155 | 5775 | | 14,37 | 14,29 | 14,43 | 14,69 |

Appendix 3: 5.15~5.25GHz FCC output power above 30° antenna gain


| FCC 5GHz Power Table-Radio 1(> 30° 5150~5250MHz Power) | | | | | | | | | |
|--|-----------------|------------|-----------------|-----------------|-----------------------|-------------|-----------|------------|-----|
| Standard: | FCC Part 15.407 | Test Date: | 2020.5.29 | Temperature: | 25°C | Humidity: | 55%RH | | |
| Project No. : | 2032034R | | | Product Name: | Wireless Access Point | Model Name: | AP460SC | Test Site: | TR8 |
| Antenna Gain(dBi) | | Ant 4 | 4.31 | | | | | | |
| Test Eng: | Pawn | | | | | | | | |
| Antenna Technology: | SISO | | | | | | | | |
| Mode: | 802.11a | Data Rate: | 6Mbps | Conducted power | | | EIRP | | |
| | | | | SISO mode | | | | | |
| Test Conditions | | Channel | Frequency (MHz) | Reading Level | Total Power | Limit | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | | |
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 16.04 | 20.35 | 21.00 | Pass | | |
| | | 40 | 5200 | 16.13 | 20.44 | 21.00 | Pass | | |
| | | 44 | 5220 | 16.14 | 20.45 | 21.00 | Pass | | |
| | | 48 | 5240 | 16.17 | 20.48 | 21.00 | Pass | | |
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power | | | EIRP | | |
| | | | | SISO mode | | | | | |
| Test Conditions | | Channel | Frequency (MHz) | Reading Level | Total Power | Limit | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | | |
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 16.02 | 20.33 | 21.00 | Pass | | |
| | | 40 | 5200 | 16.11 | 20.42 | 21.00 | Pass | | |
| | | 44 | 5220 | 16.23 | 20.54 | 21.00 | Pass | | |
| | | 48 | 5240 | 16.12 | 20.43 | 21.00 | Pass | | |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power | | | EIRP | | |
| | | | | SISO mode | | | | | |
| Test Conditions | | Channel | Frequency (MHz) | Reading Level | Total Power | Limit | | | |
| | | | | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Pass/Fail | | |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 15.98 | 20.29 | 21.00 | Pass | | |
| | | 46 | 5230 | 15.84 | 20.15 | 21.00 | Pass | | |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | EIRP | | |
| | | | | SISO mode | | | | | |



| Test Conditions | | Channel | Frequency (MHz) | Ant4 Reading Level Avg. (dBm) | Total Power Ant4 Avg. (dBm) | Limit Avg. (dBm) Pass/Fail | |
|-----------------|-----------------|------------|--------------------|-------------------------------------|-----------------------------------|----------------------------------|------|
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 16.17 | 20.48 | 21.00 | Pass |
| | | 40 | 5200 | 16.21 | 20.52 | 21.00 | Pass |
| | | 44 | 5220 | 16.25 | 20.56 | 21.00 | Pass |
| | | 48 | 5240 | 16.08 | 20.39 | 21.00 | Pass |
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | Conducted power | | EIRP | |
| Test Conditions | | Channel | Frequency (MHz) | Ant4 Reading Level Avg. (dBm) | Total Power Ant4 Avg. (dBm) | Limit Avg. (dBm) Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 15.96 | 20.27 | 21.00 | Pass |
| | | 46 | 5230 | 15.85 | 20.16 | 21.00 | Pass |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | Conducted power | | EIRP | |
| Test Conditions | | Channel | Frequency (MHz) | Ant4 Reading Level Avg. (dBm) | Total Power Ant4 Avg. (dBm) | Limit Avg. (dBm) Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 42 | 5210 | 16.15 | 20.46 | 21.00 | Pass |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | Conducted power | | EIRP | |
| Test Conditions | | Channel | Frequency (MHz) | Ant4 Reading Level Avg. (dBm) | Total Power Ant4 Avg. (dBm) | Limit Avg. (dBm) Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 16.13 | 20.44 | 21.00 | Pass |
| | | 40 | 5200 | 16.18 | 20.49 | 21.00 | Pass |
| | | 44 | 5220 | 16.30 | 20.61 | 21.00 | Pass |
| | | 48 | 5240 | 16.07 | 20.38 | 21.00 | Pass |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | Conducted power | | EIRP | |
| Test Conditions | | Channel | Frequency (MHz) | Ant4 Reading Level Avg. (dBm) | Total Power Ant4 Avg. (dBm) | Limit Avg. (dBm) Pass/Fail | |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 15.89 | 20.20 | 21.00 | Pass |
| | | 46 | 5230 | 15.91 | 20.22 | 21.00 | Pass |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | Conducted power | | EIRP | |
| Test Conditions | | Channel | Frequency (MHz) | Ant4 Reading Level Avg. (dBm) | Total Power Ant4 Avg. (dBm) | Limit Avg. (dBm) Pass/Fail | |

| Test Conditions | | Channel | Frequency | Reading Level | Ant4 | Avg. (dBm) | Pass/Fail |
|-----------------|-------------|---------|-----------|---------------|------------|------------|-----------|
| | | | (MHz) | Avg. (dBm) | Avg. (dBm) | | |
| Tnom (25 °C) | Vnom (120V) | 42 | 5210 | 16.22 | 20.53 | 21.00 | Pass |

FCC 5GHz Power Table-Radio 2(>30° 5150~5250MHz Power)

| | | | | | | | | | | | |
|-------------------------------------|-----------------|------------|------------------------------------|-----------------|-----------------------|---------------|-----------|------------|-------|---|-----------|
| Standard: | FCC Part 15.407 | Test Date: | 2020.5.29 | Temperature: | 25℃ | | Humidity: | 55%RH | |  | |
| Project No. : | 2032034R | | | Product Name: | Wireless Access Point | Model Name: | AP460SC | Test Site: | TR8 | | |
| Antenna Gain(dBi) | Ant 1 | 5.72 | Ant 2 | 5.46 | | | | | | | |
| 2*2 CDD-Directional Gain-Power(dBi) | 5.72 | | 2*2 BF-Directional Gain-Power(dBi) | 8.73 | | Test Engineer | Pawn | | | | |
| Test Eng: | Pawn | | | | | | | | | | |
| Antenna Technology: | SISO | | | | | | | | | | |
| Mode: | 802.11a | Data Rate: | 6Mbps | Conducted power | | | | EIRP | | | |
| | | | | SISO mode | | | | | | | |
| | | | | Ant1 | Ant2 | Total Power | | Limit | | | |
| | | | | Reading Level | Reading Level | Ant1 | Ant2 | | | | |
| | | | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 36 | | 5180 | 14.60 | 14.86 | 20.32 | 20.32 | 21.00 | Pass | |
| | | 40 | | 5200 | 14.82 | 14.98 | 20.54 | 20.44 | 21.00 | Pass | |
| | | 44 | | 5220 | 14.74 | 15.07 | 20.46 | 20.53 | 21.00 | Pass | |
| | | 48 | | 5240 | 14.58 | 14.93 | 20.30 | 20.39 | 21.00 | Pass | |
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power | | | | EIRP | | | |
| | | | | SISO mode | | | | | | | |
| | | | | Ant1 | Ant2 | Total Power | | Limit | | | |
| | | | | Reading Level | Reading Level | Ant1 | Ant2 | | | | |
| | | | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 36 | | 5180 | 14.53 | 14.89 | 20.25 | 20.35 | 21.00 | Pass | |
| | | 40 | | 5200 | 14.80 | 14.94 | 20.52 | 20.40 | 21.00 | Pass | |
| | | 44 | | 5220 | 14.85 | 15.01 | 20.57 | 20.47 | 21.00 | Pass | |
| | | 48 | | 5240 | 14.59 | 14.87 | 20.31 | 20.33 | 21.00 | Pass | |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power | | | | EIRP | | | |
| | | | | SISO mode | | | | | | | |
| | | | | Ant1 | Ant2 | Total Power | | Limit | | | |
| | | | | Reading Level | Reading Level | Ant1 | Ant2 | | | | |
| | | | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 38 | | 5190 | 14.39 | 14.73 | 20.11 | 20.19 | 21.00 | Pass | |
| | | 46 | | 5230 | 14.78 | 15.04 | 20.50 | 20.50 | 21.00 | Pass | |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | EIRP | | | |
| | | | | SISO mode | | | | | | | |
| | | | | Ant1 | Ant2 | Total Power | | Limit | | | |
| | | | | Reading Level | Reading Level | Ant1 | Ant2 | | | | |
| | | | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| | | | | Frequency | Reading Level | Reading Level | Ant1 | Ant2 | | | |

| Test Conditions | | Channel | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
|-----------------|-----------------|-----------------|-----------|-----------------|---------------|-------------|-------|------------|-----------|
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 14.56 | 14.85 | 20.28 | 20.31 | 21.00 | Pass |
| | | 40 | 5200 | 14.76 | 14.93 | 20.48 | 20.39 | 21.00 | Pass |
| | | 44 | 5220 | 14.82 | 15.02 | 20.54 | 20.48 | 21.00 | Pass |
| | | 48 | 5240 | 14.52 | 14.80 | 20.24 | 20.26 | 21.00 | Pass |
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | Conducted power | | EIRP | | | |
| | | | | SISO mode | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | Reading Level | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | Avg. (dBm) | Ant1 | Ant2 | | |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 14.44 | 14.69 | 20.16 | 20.15 | 21.00 | Pass |
| | | 46 | 5230 | 14.77 | 14.98 | 20.49 | 20.44 | 21.00 | Pass |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | Conducted power | | EIRP | | | |
| | | | | SISO mode | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | Reading Level | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | Avg. (dBm) | Ant1 | Ant2 | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 42 | 5210 | 14.77 | 14.96 | 20.49 | 20.42 | 21.00 | Pass |
| | | Conducted power | | EIRP | | | | | |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | SISO mode | | Total Power | | Limit | |
| | | | | Ant1 | Ant2 | Ant1 | Ant2 | | |
| Test Conditions | | Channel | Frequency | Reading Level | Reading Level | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | Avg. (dBm) | Ant1 | Ant2 | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 14.50 | 14.76 | 20.22 | 20.22 | 21.00 | Pass |
| | | 40 | 5200 | 14.80 | 15.04 | 20.52 | 20.50 | 21.00 | Pass |
| | | 44 | 5220 | 14.70 | 15.10 | 20.42 | 20.56 | 21.00 | Pass |
| | | 48 | 5240 | 14.59 | 14.93 | 20.31 | 20.39 | 21.00 | Pass |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | Conducted power | | EIRP | | | |
| | | | | SISO mode | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | Reading Level | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | Avg. (dBm) | Ant1 | Ant2 | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 14.37 | 14.73 | 20.09 | 20.19 | 21.00 | Pass |
| | | 46 | 5230 | 14.76 | 14.97 | 20.48 | 20.43 | 21.00 | Pass |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | Conducted power | | EIRP | | | |
| | | | | SISO mode | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | Reading Level | Total Power | | Limit | |
| | | | (MHz) | Avg. (dBm) | Avg. (dBm) | Ant1 | Ant2 | Avg. (dBm) | Pass/Fail |

| Test Conditions | | Channel | (MHz) | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | Pass/Fail | |
|---------------------|-----------------|-------------|-----------|--------------------|-------|----------------------|-------|---------------|-----------|------|
| Tnom (25 °C) | Vnom (120V) | 42 | 5210 | 14.73 | | 14.92 | | 20.45 20.38 | 21.00 | Pass |
| | | | | | | | | | | |
| Antenna Technology: | | CDD 2*2 | | | | | | | | |
| Mode: | 802.11a | Data Rate: | 6Mbps | Conducted power | | | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | | |
| | | | (MHz) | Avg. (dBm) | | | | | | |
| Tnom (25 °C) | | Vnom (120V) | | Ant1 | Ant2 | Avg. (dBm (Ant 1+2)) | | Avg. (dBm) | Pass/Fail | |
| | | | 36 | 5180 | 11.45 | 11.21 | 20.06 | | 21.00 | Pass |
| Tnom (25 °C) | | Vnom (120V) | 40 | 5200 | 11.72 | 11.53 | 20.36 | | 21.00 | Pass |
| | | | 44 | 5220 | 11.96 | 11.51 | 20.47 | | 21.00 | Pass |
| Tnom (25 °C) | | Vnom (120V) | 48 | 5240 | 11.58 | 11.20 | 20.12 | | 21.00 | Pass |
| | | | | | | | | | | |
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power | | | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | | |
| | | | (MHz) | Avg. (dBm) | | | | | | |
| Tnom (25 °C) | | Vnom (120V) | | Ant1 | Ant2 | Avg. (dBm (Ant 1+2)) | | Avg. (dBm) | Pass/Fail | |
| | | | 36 | 5180 | 11.41 | 11.17 | 20.02 | | 21.00 | Pass |
| Tnom (25 °C) | | Vnom (120V) | 40 | 5200 | 11.68 | 11.56 | 20.35 | | 21.00 | Pass |
| | | | 44 | 5220 | 11.91 | 11.59 | 20.48 | | 21.00 | Pass |
| Tnom (25 °C) | | Vnom (120V) | 48 | 5240 | 11.49 | 11.26 | 20.11 | | 21.00 | Pass |
| | | | | | | | | | | |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power | | | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | | |
| | | | (MHz) | Avg. (dBm) | | | | | | |
| Tnom (25 °C) | | Vnom (120V) | | Ant1 | Ant2 | Avg. (dBm (Ant 1+2)) | | Avg. (dBm) | Pass/Fail | |
| | | | 38 | 5190 | 11.70 | 11.51 | 20.34 | | 21.00 | Pass |
| Tnom (25 °C) | | Vnom (120V) | 46 | 5230 | 11.92 | 11.59 | 20.49 | | 21.00 | Pass |
| | | | | | | | | | | |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | | Limit | | |
| | | | (MHz) | Avg. (dBm) | | | | | | |

| Test Conditions | | Channel | (MHz) | Ant1 | Ant2 | Avg. (dBm) (Ant 1+2) | Avg. (dBm) | Pass/Fail |
|------------------------|------------------------|-------------------|------------------|---------------------------|-------|-------------------------|---------------|-----------|
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 11.51 | 11.30 | 20.14 | 21.00 | Pass |
| | | 40 | 5200 | 11.81 | 11.51 | 20.39 | 21.00 | Pass |
| | | 44 | 5220 | 11.85 | 11.54 | 20.43 | 21.00 | Pass |
| | | 48 | 5240 | 11.45 | 11.37 | 20.14 | 21.00 | Pass |
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | Conducted power | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | Limit | |
| | | | | Avg. (dBm) | | | | |
| | | | (MHz) | Ant1 | Ant2 | Avg. (dBm) (Ant 1+2) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 11.57 | 11.38 | 20.21 | 21.00 | Pass |
| | | 46 | 5230 | 11.89 | 11.65 | 20.50 | 21.00 | Pass |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | Conducted power | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | Limit | |
| | | | | Avg. (dBm) | | | | |
| | | | (MHz) | Ant1 | Ant2 | Avg. (dBm) (Ant 1+2) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 42 | 5210 | 11.63 | 11.43 | 20.26 | 21.00 | Pass |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | Conducted power | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | Limit | |
| | | | | Avg. (dBm) | | | | |
| | | | (MHz) | Ant1 | Ant2 | Avg. (dBm) (Ant 1+2) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 11.53 | 11.24 | 20.12 | 21.00 | Pass |
| | | 40 | 5200 | 11.70 | 11.45 | 20.31 | 21.00 | Pass |
| | | 44 | 5220 | 11.91 | 11.55 | 20.46 | 21.00 | Pass |
| | | 48 | 5240 | 11.57 | 11.36 | 20.20 | 21.00 | Pass |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | Conducted power | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Frequency | Reading Level | | Total Power | Limit | |
| | | | | Avg. (dBm) | | | | |
| | | | (MHz) | Ant1 | Ant2 | Avg. (dBm) (Ant 1+2) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 11.57 | 11.40 | 20.22 | 21.00 | Pass |
| | | 46 | 5230 | 11.94 | 11.62 | 20.51 | 21.00 | Pass |
| | | | | Conducted power | | EIRP | | |

| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | MIMO Mode(2TX+2RX) | | | | |
|-----------------|-----------------|------------|------------|--------------------|-------------------------|-------------|------------|-----------|
| Test Conditions | Channel | Ant 1+2 | | Reading Level | | Total Power | Limit | |
| | | Frequency | Avg. (dBm) | | Avg. (dBm) (Ant 1+2) | | Avg. (dBm) | Pass/Fail |
| | | (MHz) | Ant1 | Ant2 | | | | |
| Tnom (25 °C) | Vnom (120V) | 42 | 5210 | 11.61 | 11.49 | 20.28 | 21.00 | Pass |

| Antenna Technology: | Beamforming 2*2 | | | | | | | |
|---------------------|-----------------|--------------------|------------|--------------------|-------------------------|---------------|------------|-------------|
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power | | EIRP | | |
| | | | | MIMO Mode(2TX+2RX) | | | | |
| | | | | Ant 1+2 | | Reading Level | | Total Power |
| Test Conditions | Channel | Frequency | Avg. (dBm) | | Avg. (dBm) (Ant 1+2) | Avg. (dBm) | Pass/Fail | |
| | | (MHz) | Ant1 | Ant2 | | | | |
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 8.60 | 8.36 | 20.22 | 21.00 | Pass |
| | | 40 | 5200 | 9.00 | 8.66 | 20.57 | 21.00 | Pass |
| | | 44 | 5220 | 9.24 | 8.73 | 20.73 | 21.00 | Pass |
| | | 48 | 5240 | 8.78 | 8.38 | 20.33 | 21.00 | Pass |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power | | EIRP | | |
| Test Conditions | Channel | MIMO Mode(2TX+2RX) | | | | | | |
| | | Ant 1+2 | | Reading Level | | Total Power | Limit | |
| | | Frequency | Avg. (dBm) | | Avg. (dBm) (Ant 1+2) | | Avg. (dBm) | Pass/Fail |
| (MHz) | Ant1 | Ant2 | | | | | | |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 8.81 | 8.49 | 20.39 | 21.00 | Pass |
| | | 46 | 5230 | 9.12 | 8.86 | 20.73 | 21.00 | Pass |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power | | EIRP | | |
| Test Conditions | Channel | MIMO Mode(2TX+2RX) | | | | | | |
| | | Ant 1+2 | | Reading Level | | Total Power | Limit | |
| | | Frequency | Avg. (dBm) | | Avg. (dBm) (Ant 1+2) | | Avg. (dBm) | Pass/Fail |
| (MHz) | Ant1 | Ant2 | | | | | | |
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 8.65 | 8.44 | 20.29 | 21.00 | Pass |
| | | 40 | 5200 | 9.00 | 8.78 | 20.63 | 21.00 | Pass |
| | | 44 | 5220 | 9.11 | 8.62 | 20.61 | 21.00 | Pass |
| | | 48 | 5240 | 8.87 | 8.38 | 20.37 | 21.00 | Pass |
| | | | | Conducted power | | EIRP | | |

| | | | | | | | | |
|-----------------|-----------------|------------|-----------|--------------------|-------------|------------|------------|-----------|
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Ant 1+2 | | Total Power | Limit | | |
| | | | Frequency | Reading Level | | | | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 8.65 | 8.55 | 20.34 | 21.00 | Pass |
| | | 46 | 5230 | 9.13 | 8.79 | 20.70 | 23.00 | Pass |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Ant 1+2 | | Total Power | Limit | | |
| | | | Frequency | Reading Level | | | | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 42 | 5210 | 8.89 | 8.75 | 20.56 | 21.00 | Pass |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Ant 1+2 | | Total Power | Limit | | |
| | | | Frequency | Reading Level | | | | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 36 | 5180 | 8.71 | 8.34 | 20.27 | 21.00 | Pass |
| | | 40 | 5200 | 8.89 | 8.82 | 20.60 | 21.00 | Pass |
| | | 44 | 5220 | 9.18 | 8.67 | 20.67 | 21.00 | Pass |
| | | 48 | 5240 | 8.79 | 8.29 | 20.29 | 21.00 | Pass |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Ant 1+2 | | Total Power | Limit | | |
| | | | Frequency | Reading Level | | | | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 38 | 5190 | 8.65 | 8.66 | 20.40 | 21.00 | Pass |
| | | 46 | 5230 | 9.17 | 8.82 | 20.74 | 21.00 | Pass |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | | Channel | Ant 1+2 | | Total Power | Limit | | |
| | | | Frequency | Reading Level | | | | |
| | | | (MHz) | Avg. (dBm) | | Avg. (dBm) | Avg. (dBm) | Pass/Fail |
| Tnom (25 °C) | Vnom (120V) | 42 | 5210 | 8.83 | 8.61 | 20.46 | 21.00 | Pass |

**FCC 5GHz Power Table-Radio 3(5G Full band mode)(> 30°
5150~5250MHz Power)**



| | | | | | | | | | | |
|-------------------------------------|-----------------|------------|----------------------------------|------------------------------------|-----------------------|-------------|-------------|----------------------|------------|-----------|
| Standard: | FCC Part 15.407 | Test Date: | 2020.5.29 | Temperature: | 25°C | Humidity: | 55%RH | | | |
| Project No.: | 2032034R | | | Product Name: | Wireless Access Point | Model Name: | AP460SC | Test Site: | TR8 | |
| Antenna Gain(dBi) | Ant 3 | 3.36 | Ant 5 | 2.87 | Ant 6 | 4.38 | Ant 7 | 4.67 | | |
| 2*2 CDD-Directional Gain-Power(dBi) | 4.67 | | | 2*2 BF-Directional Gain-Power(dBi) | 7.68 | | | | | |
| 4*4 CDD-Directional Gain-Power(dBi) | 4.67 | | | 4*4 BF-Directional Gain-Power(dBi) | 10.69 | | | | | |
| Test Eng: | Pavn | | | | | | | | | |
| 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 | | |
| | | | Ant 3+5 Reading Level Avg. (dBm) | | | | | Avg. (dBm) (Ant 3+5) | Avg. (dBm) | Pass/Fail |
| | | | Ant3 | Ant5 | | | | | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 12.44 | 12.76 | 20.28 | 21.00 | Pass | | |
| | | 40 | 5200 | 12.40 | 12.91 | 20.34 | 21.00 | Pass | | |
| | | 44 | 5220 | 12.50 | 13.11 | 20.50 | 21.00 | Pass | | |
| | | 48 | 5240 | 12.41 | 13.06 | 20.43 | 21.00 | Pass | | |
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | MIMO Mode(2TX+2RX) | | | | Total Power | Limit | | |
| | | | Ant 3+5 Reading Level Avg. (dBm) | | | | | Avg. (dBm) (Ant 3+5) | Avg. (dBm) | Pass/Fail |
| | | | Ant3 | Ant5 | | | | | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 12.33 | 12.86 | 20.28 | 21.00 | Pass | | |
| | | 40 | 5200 | 12.38 | 13.04 | 20.40 | 21.00 | Pass | | |
| | | 44 | 5220 | 12.54 | 13.10 | 20.51 | 21.00 | Pass | | |
| | | 48 | 5240 | 12.38 | 13.04 | 20.40 | 21.00 | Pass | | |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | MIMO Mode(2TX+2RX) | | | | Total Power | Limit | | |
| | | | Ant 3+5 Reading Level Avg. (dBm) | | | | | Avg. (dBm) (Ant 3+5) | Avg. (dBm) | Pass/Fail |
| | | | Ant3 | Ant5 | | | | | | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 12.44 | 13.07 | 20.45 | 21.00 | Pass | | |
| | | 46 | 5230 | 12.43 | 13.10 | 20.46 | 21.00 | Pass | | |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | MIMO Mode(2TX+2RX) | | | | Total Power | Limit | | |
| | | | Ant 3+5 Reading Level Avg. (dBm) | | | | | Avg. (dBm) (Ant 3+5) | Avg. (dBm) | Pass/Fail |
| | | | Ant3 | Ant5 | | | | | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 12.42 | 12.72 | 20.25 | 21.00 | Pass | | |
| | | 40 | 5200 | 12.25 | 13.01 | 20.33 | 21.00 | Pass | | |
| | | 44 | 5220 | 12.44 | 12.97 | 20.39 | 21.00 | Pass | | |
| | | 48 | 5240 | 12.32 | 13.00 | 20.35 | 21.00 | Pass | | |
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | MIMO Mode(2TX+2RX) | | | | Total Power | Limit | | |
| | | | Ant 3+5 Reading Level | | | | | | | |

| Test Conditions | | Channel | | Avg. (dBm) | | | | Avg. (dBm) | | Avg. (dBm) | | Pass/Fail | |
|-----------------|-----------------|------------|----------|--------------------|--|-------|--|----------------------|--|------------|------|-----------|--|
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | Ant3 | | Ant5 | | Avg. (dBm (Ant 3+5)) | | 21,00 | Pass | Pass | |
| | | | | 12,42 | | 13,08 | | 20,44 | | | | | |
| | | 46 | 5230 | 12,58 | | 13,17 | | 20,57 | | 21,00 | | Pass | |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | EIRP | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | | | | |
| | | | | Ant 3+5 | | | | | | | | | |
| | | | | Reading Level | | | | | | | | | |
| | | | | Avg. (dBm) | | | | | | | | | |
| Test Conditions | | Channel | | Ant3 | | Ant5 | | Avg. (dBm (Ant 3+5)) | | Avg. (dBm) | | Limit | |
| | | | | 12,27 | | 12,65 | | 20,14 | | 21,00 | | Pass | |
| Tnom (25°C) | Vnom (120V) | 42 | 5210 | 12,27 | | 12,65 | | 20,14 | | 21,00 | | Pass | |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | Conducted power | | | | EIRP | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | | | | |
| | | | | Ant 3+5 | | | | | | | | | |
| | | | | Reading Level | | | | | | | | | |
| | | | | Avg. (dBm) | | | | | | | | | |
| Test Conditions | | Channel | | Ant3 | | Ant5 | | Avg. (dBm (Ant 3+5)) | | Avg. (dBm) | | Limit | |
| | | | | 12,40 | | 12,73 | | 20,25 | | 21,00 | | Pass | |
| | | | | 12,39 | | 12,98 | | 20,38 | | 21,00 | | Pass | |
| | | | | 12,44 | | 13,13 | | 20,48 | | 21,00 | | Pass | |
| | | | | 12,31 | | 13,09 | | 20,40 | | 21,00 | | Pass | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 12,40 | | 12,73 | | 20,25 | | 21,00 | | Pass | |
| | | 40 | 5200 | 12,39 | | 12,98 | | 20,38 | | 21,00 | | Pass | |
| | | 44 | 5220 | 12,44 | | 13,13 | | 20,48 | | 21,00 | | Pass | |
| | | 48 | 5240 | 12,31 | | 13,09 | | 20,40 | | 21,00 | | Pass | |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | Conducted power | | | | EIRP | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | | | | |
| | | | | Ant 3+5 | | | | | | | | | |
| | | | | Reading Level | | | | | | | | | |
| | | | | Avg. (dBm) | | | | | | | | | |
| Test Conditions | | Channel | | Ant3 | | Ant5 | | Avg. (dBm (Ant 3+5)) | | Avg. (dBm) | | Limit | |
| | | | | 12,44 | | 12,92 | | 20,37 | | 21,00 | | Pass | |
| | | | | 12,60 | | 13,15 | | 20,56 | | 21,00 | | Pass | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 12,44 | | 12,92 | | 20,37 | | 21,00 | | Pass | |
| | | 46 | 5230 | 12,60 | | 13,15 | | 20,56 | | 21,00 | | Pass | |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | Conducted power | | | | EIRP | | | | | |
| | | | | MIMO Mode(2TX+2RX) | | | | | | | | | |
| | | | | Ant 3+5 | | | | | | | | | |
| | | | | Reading Level | | | | | | | | | |
| | | | | Avg. (dBm) | | | | | | | | | |
| Test Conditions | | Channel | | Ant3 | | Ant5 | | Avg. (dBm (Ant 3+5)) | | Avg. (dBm) | | Limit | |
| | | | | 12,21 | | 12,59 | | 20,08 | | 21,00 | | Pass | |
| Tnom (25°C) | Vnom (120V) | 42 | 5210 | 12,21 | | 12,59 | | 20,08 | | 21,00 | | Pass | |

| Antenna Technology: | | CDD 4'4 | | | | | | | | | | | | | |
|---------------------|----------------|------------|------|--------------------|--|--------------------|--|-----------------|--|---------------|--|-------------|--|-------|--|
| Mode: | | 802.11a | | Data Rate: | | 6Mbps | | Conducted power | | | | EIRP | | | |
| | | | | | | MIMO Mode(4TX+4RX) | | | | | | | | | |
| | | | | Ant 3+5+6+7 | | | | | | | | | | | |
| | | | | Ant3 | | Ant5 | | Ant6 | | Ant7 | | | | | |
| | | | | Reading Level | | Reading Level | | Reading Level | | Reading Level | | | | | |
| | | | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | | | | | |
| Test Conditions | | Channel | | Ant3 | | Ant5 | | Ant6 | | Ant7 | | Total Power | | Limit | |
| | | | | 9,41 | | 9,81 | | 9,27 | | 9,56 | | 20,21 | | 21,00 | |
| | | | | 9,25 | | 10,05 | | 9,34 | | 9,84 | | 20,32 | | 21,00 | |
| | | | | 9,58 | | 9,96 | | 9,60 | | 9,98 | | 20,47 | | 21,00 | |
| | | | | 9,40 | | 10,00 | | 9,42 | | 9,82 | | 20,36 | | 21,00 | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 9,41 | | 9,81 | | 9,27 | | 9,56 | | 20,21 | | 21,00 | |
| | | 40 | 5200 | 9,25 | | 10,05 | | 9,34 | | 9,84 | | 20,32 | | 21,00 | |
| | | 44 | 5220 | 9,58 | | 9,96 | | 9,60 | | 9,98 | | 20,47 | | 21,00 | |
| | | 48 | 5240 | 9,40 | | 10,00 | | 9,42 | | 9,82 | | 20,36 | | 21,00 | |
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | Conducted power | | | | EIRP | | | | | | | |
| | | | | MIMO Mode(4TX+4RX) | | | | | | | | | | | |
| | | | | Ant 3+5+6+7 | | | | | | | | | | | |
| | | | | Ant3 | | Ant5 | | Ant6 | | Ant7 | | | | | |
| | | | | Reading Level | | Reading Level | | Reading Level | | Reading Level | | | | | |
| | | | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | | Avg. (dBm) | | | | | |
| Test Conditions | | Channel | | Ant3 | | Ant5 | | Ant6 | | Ant7 | | Total Power | | Limit | |
| | | | | 9,41 | | 9,81 | | 9,27 | | 9,56 | | 20,21 | | 21,00 | |
| | | | | 9,25 | | 10,05 | | 9,34 | | 9,84 | | 20,32 | | 21,00 | |
| | | | | 9,58 | | 9,96 | | 9,60 | | 9,98 | | 20,47 | | 21,00 | |
| | | | | 9,40 | | 10,00 | | 9,42 | | 9,82 | | 20,36 | | 21,00 | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 9,41 | | 9,81 | | 9,27 | | 9,56 | | 20,21 | | 21,00 | |
| | | 40 | 5200 | 9,25 | | 10,05 | | 9,34 | | 9,84 | | 20,32 | | 21,00 | |
| | | 44 | 5220 | 9,58 | | 9,96 | | 9,60 | | 9,98 | | 20,47 | | 21,00 | |
| | | 48 | 5240 | 9,40 | | 10,00 | | 9,42 | | 9,82 | | 20,36 | | 21,00 | |

| Test Conditions | Channel | Frequency (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | Pass/Fail | |
|-----------------|-----------------|-----------------|---------------|-----------------|---------------|------------|--------------------------|------------|-----------|------|
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 9.47 | 9.73 | 9.37 | 9.62 | 20.24 | 21.00 | Pass |
| | | 40 | 5200 | 9.28 | 9.98 | 9.35 | 9.91 | 20.33 | 21.00 | Pass |
| | | 44 | 5220 | 9.58 | 10.15 | 9.48 | 10.07 | 20.52 | 21.00 | Pass |
| | | 48 | 5240 | 9.32 | 10.00 | 9.35 | 9.77 | 20.31 | 21.00 | Pass |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | Pass/Fail | |
| | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 9.54 | 10.07 | 9.88 | 10.14 | 20.60 | 21.00 | Pass |
| | | 46 | 5230 | 9.60 | 10.12 | 10.04 | 10.13 | 20.67 | 21.00 | Pass |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | Pass/Fail | |
| | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 9.40 | 9.73 | 9.34 | 9.51 | 20.19 | 21.00 | Pass |
| | | 40 | 5200 | 9.39 | 10.02 | 9.46 | 9.94 | 20.40 | 21.00 | Pass |
| | | 44 | 5220 | 9.54 | 10.11 | 9.67 | 9.91 | 20.50 | 21.00 | Pass |
| | | 48 | 5240 | 9.24 | 10.07 | 9.36 | 9.68 | 20.29 | 21.00 | Pass |
| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | Pass/Fail | |
| | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 9.46 | 9.97 | 9.84 | 10.23 | 20.57 | 21.00 | Pass |
| | | 46 | 5230 | 9.49 | 10.09 | 10.05 | 10.10 | 20.63 | 21.00 | Pass |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | Pass/Fail | |
| | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | | |
| Tnom (25°C) | Vnom (120V) | 42 | 5210 | 9.03 | 9.52 | 9.46 | 9.61 | 20.10 | 21.00 | Pass |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | Pass/Fail | |
| | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 9.32 | 9.87 | 9.40 | 9.57 | 20.24 | 21.00 | Pass |
| | | 40 | 5200 | 9.37 | 10.02 | 9.46 | 9.95 | 20.40 | 21.00 | Pass |
| | | 44 | 5220 | 9.45 | 10.11 | 9.60 | 10.07 | 20.51 | 21.00 | Pass |
| | | 48 | 5240 | 9.31 | 9.91 | 9.36 | 9.75 | 20.28 | 21.00 | Pass |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | Limit | Pass/Fail | |
| | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 9.55 | 9.93 | 9.81 | 10.23 | 20.58 | 21.00 | Pass |

| Mode | 802.11ax(80MHz) | Data Rate | HE0NSS1 | Conducted power | | | | EIRP | | |
|-----------------|-----------------|--------------------|---------------|-----------------|---------------|---------------|--|------------|-----------|------|
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5+6+7 | | | | Total Power Avg. (dBm) (Ant 3+5+6+7) | Limit | | |
| | | | Ant3 | Ant5 | Ant6 | Ant7 | | Avg. (dBm) | Pass/Fail | |
| | | | Reading Level | Reading Level | Reading Level | Reading Level | | | | |
| Tnom (25°C) | Vnom (120V) | 42 | 5210 | 9,01 | 9,52 | 9,49 | 9,56 | 20,09 | 21,00 | Pass |

| Antenna Technology: | | | | Beamforming 2*2 | | | | | | |
|---------------------|-----------------|--------------------|---------------|-----------------|------------|-----------|--|-------|--|--|
| Mode | 802.11n(20MHz) | Data Rate | MCS0 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5 | | | | Total Power Avg. (dBm) (Ant 3+5) | Limit | | |
| | | | Ant3 | Ant5 | Avg. (dBm) | Pass/Fail | | | | |
| | | | Reading Level | Reading Level | | | | | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 9,50 | 9,73 | 20,31 | 21,00 | Pass | | |
| | | 40 | 5200 | 9,39 | 9,85 | 20,32 | 21,00 | Pass | | |
| | | 44 | 5220 | 9,45 | 10,07 | 20,46 | 21,00 | Pass | | |
| | | 48 | 5240 | 9,43 | 9,99 | 20,41 | 21,00 | Pass | | |
| Mode | 802.11n(40MHz) | Data Rate | MCS0 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5 | | | | Total Power Avg. (dBm) (Ant 3+5) | Limit | | |
| | | | Ant3 | Ant5 | Avg. (dBm) | Pass/Fail | | | | |
| | | | Reading Level | Reading Level | | | | | | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 9,45 | 10,01 | 20,43 | 21,00 | Pass | | |
| | | 46 | 5230 | 9,53 | 10,12 | 20,53 | 21,00 | Pass | | |
| Mode | 802.11ac(20MHz) | Data Rate | MCS0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5 | | | | Total Power Avg. (dBm) (Ant 3+5) | Limit | | |
| | | | Ant3 | Ant5 | Avg. (dBm) | Pass/Fail | | | | |
| | | | Reading Level | Reading Level | | | | | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 9,43 | 9,70 | 20,26 | 21,00 | Pass | | |
| | | 40 | 5200 | 9,45 | 9,85 | 20,35 | 21,00 | Pass | | |
| | | 44 | 5220 | 9,53 | 10,05 | 20,49 | 21,00 | Pass | | |
| | | 48 | 5240 | 9,36 | 10,01 | 20,39 | 21,00 | Pass | | |
| Mode | 802.11ac(40MHz) | Data Rate | MCS0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5 | | | | Total Power Avg. (dBm) (Ant 3+5) | Limit | | |
| | | | Ant3 | Ant5 | Avg. (dBm) | Pass/Fail | | | | |
| | | | Reading Level | Reading Level | | | | | | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 9,35 | 10,06 | 20,41 | 21,00 | Pass | | |
| | | 46 | 5230 | 9,64 | 10,24 | 20,64 | 21,00 | Pass | | |
| Mode | 802.11ac(80MHz) | Data Rate | MCS0NSS1 | Conducted power | | | | EIRP | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5 | | | | Total Power Avg. (dBm) (Ant 3+5) | Limit | | |
| | | | Ant3 | Ant5 | Avg. (dBm) | Pass/Fail | | | | |
| | | | Reading Level | Reading Level | | | | | | |
| Tnom (25°C) | Vnom (120V) | 42 | 5210 | 9,83 | 10,08 | 20,65 | 21,00 | Pass | | |

| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | MIMO Mode(2TX+2RX) | | | | |
|-----------------|-----------------|-----------------|---------------|--------------------|-------------|----------------------|------------|-----------|
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5 | | Total Power | Limit | | |
| | | | Reading Level | | | Avg. (dBm) (Ant 3+5) | Avg. (dBm) | Pass/Fail |
| | | | Avg. (dBm) | | | | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 9.38 | 9.82 | 20.30 | 21.00 | Pass |
| | | 40 | 5200 | 9.43 | 9.86 | 20.34 | 21.00 | Pass |
| | | 44 | 5220 | 9.50 | 10.18 | 20.54 | 21.00 | Pass |
| | | 48 | 5240 | 9.40 | 10.13 | 20.47 | 21.00 | Pass |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5 | | Total Power | Limit | | |
| | | | Reading Level | | | Avg. (dBm) (Ant 3+5) | Avg. (dBm) | Pass/Fail |
| | | | Avg. (dBm) | | | | | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 9.39 | 10.02 | 20.41 | 21.00 | Pass |
| | | 46 | 5230 | 9.56 | 10.13 | 20.54 | 21.00 | Pass |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | MIMO Mode(2TX+2RX) | | | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5 | | Total Power | Limit | | |
| | | | Reading Level | | | Avg. (dBm) (Ant 3+5) | Avg. (dBm) | Pass/Fail |
| | | | Avg. (dBm) | | | | | |
| Tnom (25°C) | Vnom (120V) | 42 | 5210 | 9.77 | 10.15 | 20.65 | 21.00 | Pass |

| Antenna Technology: | Beamforming 4*4 | | | | | | | | | | |
|---------------------|-----------------|-----------------|---------------|--------------------|---------------|---------------|-------------|--------------------------|------------|-----------|--|
| Mode: | 802.11n(20MHz) | Data Rate: | MCS0 | MIMO Mode(4TX+4RX) | | | | EIRP | | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5+6+7 | | | | Total Power | Limit | | | |
| | | | Ant3 | Ant5 | Ant6 | Ant7 | | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | Pass/Fail | |
| | | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 3.40 | 3.82 | 3.21 | 3.53 | 20.21 | 21.00 | Pass | |
| | | 40 | 5200 | 3.17 | 4.05 | 3.35 | 3.73 | 20.30 | 21.00 | Pass | |
| | | 44 | 5220 | 3.45 | 3.97 | 3.50 | 3.98 | 20.44 | 21.00 | Pass | |
| | | 48 | 5240 | 3.33 | 3.97 | 3.35 | 3.84 | 20.34 | 21.00 | Pass | |
| Mode: | 802.11n(40MHz) | Data Rate: | MCS0 | MIMO Mode(4TX+4RX) | | | | EIRP | | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5+6+7 | | | | Total Power | Limit | | | |
| | | | Ant3 | Ant5 | Ant6 | Ant7 | | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | Pass/Fail | |
| | | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 3.44 | 3.86 | 3.72 | 4.11 | 20.50 | 21.00 | Pass | |
| | | 46 | 5230 | 3.43 | 4.10 | 3.90 | 4.13 | 20.61 | 21.00 | Pass | |
| Mode: | 802.11ac(20MHz) | Data Rate: | MCS0NSS1 | MIMO Mode(4TX+4RX) | | | | EIRP | | | |
| Test Conditions | Channel | Frequency (MHz) | Ant 3+5+6+7 | | | | Total Power | Limit | | | |
| | | | Ant3 | Ant5 | Ant6 | Ant7 | | Avg. (dBm) (Ant 3+5+6+7) | Avg. (dBm) | Pass/Fail | |
| | | | Reading Level | Reading Level | Reading Level | Reading Level | | | | | |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 3.37 | 3.79 | 3.21 | 3.43 | 20.17 | 21.00 | Pass | |
| | | 40 | 5200 | 3.19 | 3.97 | 3.26 | 3.76 | 20.27 | 21.00 | Pass | |
| | | 44 | 5220 | 3.58 | 3.91 | 3.57 | 3.88 | 20.45 | 21.00 | Pass | |
| | | 48 | 5240 | 3.32 | 4.00 | 3.43 | 3.70 | 20.33 | 21.00 | Pass | |
| | | | | Conducted power | | | | EIRP | | | |

| Mode: | 802.11ac(40MHz) | Data Rate: | MCS0NSS1 | MIMO Mode(4TX+4RX) | | | | | | | |
|-----------------|-----------------|---------------|------------|--------------------|---------------|-----------------|---------------|-------------|---------------|------------|-----------|
| Test Conditions | Channel | Frequency | | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | Reading Level | | Reading Level | Reading Level | Reading Level | Reading Level | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | | (Ant 3+5+6+7) | 21.00 | Pass |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 3.43 | 3.82 | 3.71 | 4.25 | 20.52 | | 21.00 | Pass |
| | | 46 | 5230 | 3.45 | 4.15 | 3.81 | 4.08 | 20.59 | | 21.00 | Pass |
| | | | | Conducted power | | | | EIRP | | | |
| Mode: | 802.11ac(80MHz) | Data Rate: | MCS0NSS1 | MIMO Mode(4TX+4RX) | | | | | | | |
| Test Conditions | Channel | Frequency | | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | Reading Level | | Reading Level | Reading Level | Reading Level | Reading Level | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | | (Ant 3+5+6+7) | 21.00 | Pass |
| Tnom (25°C) | Vnom (120V) | 42 | 5210 | 3.68 | 4.22 | 3.92 | 4.07 | 20.69 | | 21.00 | Pass |
| | | | | | | Conducted power | | | | EIRP | |
| Mode: | 802.11ax(20MHz) | Data Rate: | HE0NSS1 | MIMO Mode(4TX+4RX) | | | | | | | |
| Test Conditions | Channel | Frequency | | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | Reading Level | | Reading Level | Reading Level | Reading Level | Reading Level | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | | (Ant 3+5+6+7) | 21.00 | Pass |
| Tnom (25°C) | Vnom (120V) | 36 | 5180 | 3.39 | 3.78 | 3.21 | 3.50 | 20.19 | | 21.00 | Pass |
| | | 40 | 5200 | 3.16 | 3.98 | 3.20 | 3.71 | 20.24 | | 21.00 | Pass |
| | | 44 | 5220 | 3.45 | 3.83 | 3.49 | 3.99 | 20.41 | | 21.00 | Pass |
| | | 48 | 5240 | 3.27 | 3.91 | 3.28 | 3.78 | 20.28 | | 21.00 | Pass |
| | | | | Conducted power | | | | EIRP | | | |
| Mode: | 802.11ax(40MHz) | Data Rate: | HE0NSS1 | MIMO Mode(4TX+4RX) | | | | | | | |
| Test Conditions | Channel | Frequency | | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | Reading Level | | Reading Level | Reading Level | Reading Level | Reading Level | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | | (Ant 3+5+6+7) | 21.00 | Pass |
| Tnom (25°C) | Vnom (120V) | 38 | 5190 | 3.48 | 3.83 | 3.74 | 4.22 | 20.54 | | 21.00 | Pass |
| | | 46 | 5230 | 3.34 | 4.21 | 3.80 | 4.20 | 20.61 | | 21.00 | Pass |
| | | | | Conducted power | | | | EIRP | | | |
| Mode: | 802.11ax(80MHz) | Data Rate: | HE0NSS1 | MIMO Mode(4TX+4RX) | | | | | | | |
| Test Conditions | Channel | Frequency | | Ant3 | Ant5 | Ant6 | Ant7 | Total Power | | Limit | |
| | | Reading Level | | Reading Level | Reading Level | Reading Level | Reading Level | Avg. (dBm) | | Avg. (dBm) | Pass/Fail |
| | | (MHz) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | Avg. (dBm) | | (Ant 3+5+6+7) | 21.00 | Pass |
| Tnom (25°C) | Vnom (120V) | 42 | 5210 | 3.61 | 4.16 | 3.92 | 4.21 | 20.69 | | 21.00 | Pass |