



















































































Maximum power spectral density for 11ax Partial RU

Test Result

| Test Mode | Antenna | Freq(MHz) | Ru Size | Ru Index | Result [dBm/MHz] | Limit [dBm/MHz] | Verdict |
|------------|---------|-----------|---------|----------|------------------|-----------------|---------|
| 11AX20MIMO | Ant1 | 5180 | 26Tone | RU0 | 6.78 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 6.24 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 6.44 | ≤11.00 | PASS |
| | Ant2 | 5180 | 26Tone | RU0 | 6.18 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 6.14 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 6.23 | ≤11.00 | PASS |
| | total | 5180 | 26Tone | RU0 | 9.50 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 9.20 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 9.35 | ≤11.00 | PASS |
| | Ant1 | 5220 | 26Tone | RU0 | 6.44 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 6.24 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 6.58 | ≤11.00 | PASS |
| | Ant2 | 5220 | 26Tone | RU0 | 5.65 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 6.06 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 6.34 | ≤11.00 | PASS |
| | total | 5220 | 26Tone | RU0 | 9.07 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 9.16 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 9.47 | ≤11.00 | PASS |
| | Ant1 | 5240 | 26Tone | RU8 | 6.93 | ≤11.00 | PASS |
| | | | 52Tone | RU40 | 6.24 | ≤11.00 | PASS |
| | | | 106Tone | RU54 | 6.71 | ≤11.00 | PASS |
| | Ant2 | 5240 | 26Tone | RU8 | 6.21 | ≤11.00 | PASS |
| | | | 52Tone | RU40 | 6.72 | ≤11.00 | PASS |
| | | | 106Tone | RU54 | 6.47 | ≤11.00 | PASS |
| | total | 5240 | 26Tone | RU8 | 9.60 | ≤11.00 | PASS |
| | | | 52Tone | RU40 | 9.50 | ≤11.00 | PASS |
| | | | 106Tone | RU54 | 9.60 | ≤11.00 | PASS |
| | Ant1 | 5260 | 26Tone | RU0 | 5.55 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 5.49 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 6.01 | ≤11.00 | PASS |
| | Ant2 | 5260 | 26Tone | RU0 | 6.48 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 6.37 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 6.62 | ≤11.00 | PASS |
| | total | 5260 | 26Tone | RU0 | 9.05 | ≤11.00 | PASS |
| | | | 52Tone | RU37 | 8.96 | ≤11.00 | PASS |
| | | | 106Tone | RU53 | 9.34 | ≤11.00 | PASS |
| Ant1 | 5300 | 26Tone | RU0 | 6.35 | ≤11.00 | PASS | |



| | | | | | | |
|-------|------|---------|------|------|--------|------|
| | | 52Tone | RU37 | 6.34 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 6.22 | ≤11.00 | PASS |
| Ant2 | 5300 | 26Tone | RU0 | 5.91 | ≤11.00 | PASS |
| | | 52Tone | RU37 | 6.48 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 6.17 | ≤11.00 | PASS |
| total | 5300 | 26Tone | RU0 | 9.15 | ≤11.00 | PASS |
| | | 52Tone | RU37 | 9.42 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 9.21 | ≤11.00 | PASS |
| Ant1 | 5320 | 26Tone | RU8 | 6.11 | ≤11.00 | PASS |
| | | 52Tone | RU40 | 6.17 | ≤11.00 | PASS |
| | | 106Tone | RU54 | 6.19 | ≤11.00 | PASS |
| Ant2 | 5320 | 26Tone | RU8 | 5.41 | ≤11.00 | PASS |
| | | 52Tone | RU40 | 5.83 | ≤11.00 | PASS |
| | | 106Tone | RU54 | 5.39 | ≤11.00 | PASS |
| total | 5320 | 26Tone | RU8 | 8.78 | ≤11.00 | PASS |
| | | 52Tone | RU40 | 9.01 | ≤11.00 | PASS |
| | | 106Tone | RU54 | 8.82 | ≤11.00 | PASS |
| Ant1 | 5500 | 26Tone | RU0 | 6.25 | ≤11.00 | PASS |
| | | 52Tone | RU37 | 6.19 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 6.28 | ≤11.00 | PASS |
| Ant2 | 5500 | 26Tone | RU0 | 5.62 | ≤11.00 | PASS |
| | | 52Tone | RU37 | 6.28 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 6.16 | ≤11.00 | PASS |
| total | 5500 | 26Tone | RU0 | 8.96 | ≤11.00 | PASS |
| | | 52Tone | RU37 | 9.25 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 9.23 | ≤11.00 | PASS |
| Ant1 | 5580 | 26Tone | RU0 | 7.05 | ≤11.00 | PASS |
| | | 52Tone | RU37 | 6.7 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 7.13 | ≤11.00 | PASS |
| Ant2 | 5580 | 26Tone | RU0 | 5.25 | ≤11.00 | PASS |
| | | 52Tone | RU37 | 5.6 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 5.54 | ≤11.00 | PASS |
| total | 5580 | 26Tone | RU0 | 9.25 | ≤11.00 | PASS |
| | | 52Tone | RU37 | 9.20 | ≤11.00 | PASS |
| | | 106Tone | RU53 | 9.42 | ≤11.00 | PASS |
| Ant1 | 5700 | 26Tone | RU8 | 6.15 | ≤11.00 | PASS |
| | | 52Tone | RU40 | 6.17 | ≤11.00 | PASS |
| | | 106Tone | RU54 | 6.55 | ≤11.00 | PASS |
| Ant2 | 5700 | 26Tone | RU8 | 5.09 | ≤11.00 | PASS |
| | | 52Tone | RU40 | 5.24 | ≤11.00 | PASS |
| | | 106Tone | RU54 | 5.51 | ≤11.00 | PASS |
| total | 5700 | 26Tone | RU8 | 8.66 | ≤11.00 | PASS |



| | | | | | | | |
|--|-------|------|---------|------|------|--------|------|
| | | | 52Tone | RU40 | 8.74 | ≤11.00 | PASS |
| | | | 106Tone | RU54 | 9.07 | ≤11.00 | PASS |
| | Ant1 | 5720 | 26Tone | RU8 | 6.63 | ≤11.00 | PASS |
| | | | 52Tone | RU40 | 6.40 | ≤11.00 | PASS |
| | | | 106Tone | RU54 | 6.75 | ≤11.00 | PASS |
| | Ant2 | 5720 | 26Tone | RU8 | 5.66 | ≤11.00 | PASS |
| | | | 52Tone | RU40 | 5.55 | ≤11.00 | PASS |
| | | | 106Tone | RU54 | 5.65 | ≤11.00 | PASS |
| | total | 5720 | 26Tone | RU8 | 9.18 | ≤11.00 | PASS |
| | | | 52Tone | RU40 | 9.01 | ≤11.00 | PASS |
| | | | 106Tone | RU54 | 9.25 | ≤11.00 | PASS |
| | Ant1 | 5745 | 26Tone | RU0 | 3.59 | ≤30.00 | PASS |
| | | | 52Tone | RU37 | 3.2 | ≤30.00 | PASS |
| | | | 106Tone | RU53 | 3.66 | ≤30.00 | PASS |
| | Ant2 | 5745 | 26Tone | RU0 | 2.76 | ≤30.00 | PASS |
| | | | 52Tone | RU37 | 2.7 | ≤30.00 | PASS |
| | | | 106Tone | RU53 | 3.03 | ≤30.00 | PASS |
| | total | 5745 | 26Tone | RU0 | 6.21 | ≤30.00 | PASS |
| | | | 52Tone | RU37 | 5.97 | ≤30.00 | PASS |
| | | | 106Tone | RU53 | 6.37 | ≤30.00 | PASS |
| | Ant1 | 5785 | 26Tone | RU0 | 3.47 | ≤30.00 | PASS |
| | | | 52Tone | RU37 | 3.2 | ≤30.00 | PASS |
| | | | 106Tone | RU53 | 3.61 | ≤30.00 | PASS |
| | Ant2 | 5785 | 26Tone | RU0 | 2.82 | ≤30.00 | PASS |
| | | | 52Tone | RU37 | 2.91 | ≤30.00 | PASS |
| | | | 106Tone | RU53 | 3.19 | ≤30.00 | PASS |
| | total | 5785 | 26Tone | RU0 | 6.17 | ≤30.00 | PASS |
| | | | 52Tone | RU37 | 6.07 | ≤30.00 | PASS |
| | | | 106Tone | RU53 | 6.42 | ≤30.00 | PASS |
| | Ant1 | 5825 | 26Tone | RU8 | 3.28 | ≤30.00 | PASS |
| | | | 52Tone | RU40 | 2.73 | ≤30.00 | PASS |
| | | | 106Tone | RU54 | 3.27 | ≤30.00 | PASS |
| | Ant2 | 5825 | 26Tone | RU8 | 2.1 | ≤30.00 | PASS |
| | | | 52Tone | RU40 | 2.24 | ≤30.00 | PASS |
| | | | 106Tone | RU54 | 2.46 | ≤30.00 | PASS |
| | total | 5825 | 26Tone | RU8 | 5.74 | ≤30.00 | PASS |
| | | | 52Tone | RU40 | 5.50 | ≤30.00 | PASS |
| | | | 106Tone | RU54 | 5.89 | ≤30.00 | PASS |

Note: 1. The Result and Limit Unit is 30dBm/500 kHz in the band 5.725–5.85 GHz.

2. The Duty Cycle Factor and RBW Factor is compensated in the graph.



Test Graphs











