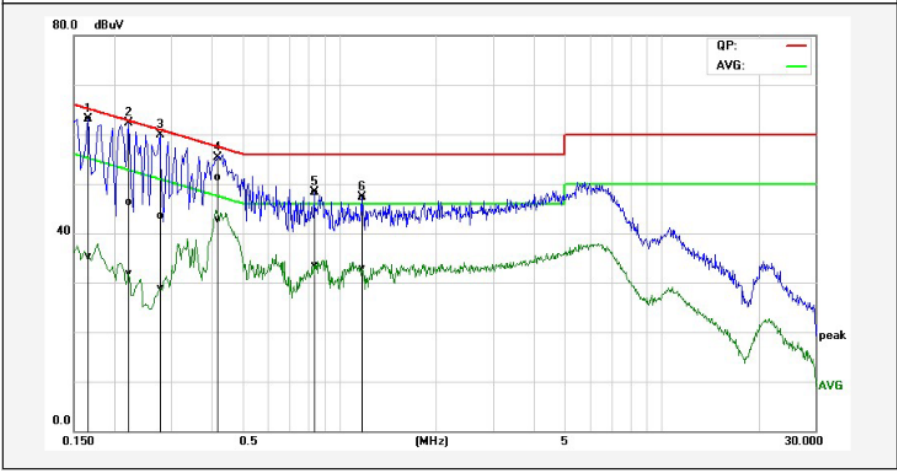
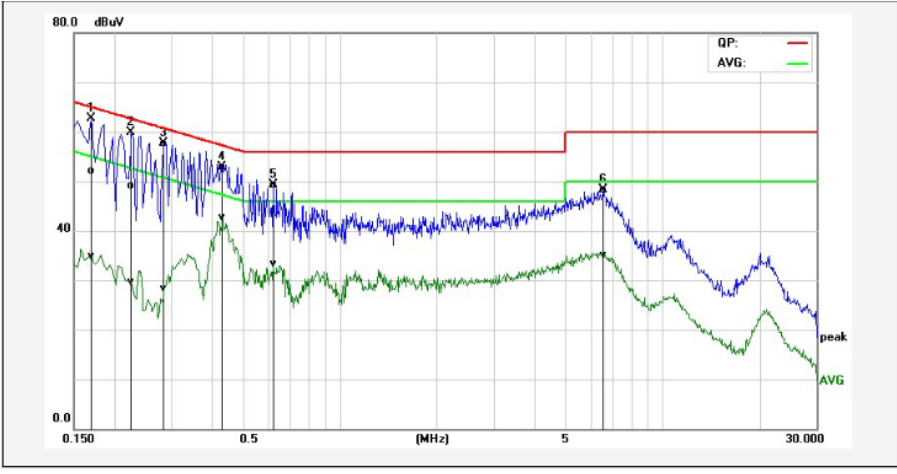


Appendix A: Test Results of Wi-Fi 802.11 a/n/ac

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Appendix A.1 Test Results of Conducted Emission on AC Mains

| Test Mode: | | Mode25 | | | | | | | | | |
|--|-----------------|--------------------------|------------------------|------------------------|-------------------------|-----------------------|------------------------|----------------------|-----------------------|---------------------|--------|
| L | | | | | | | | | | | |
|  | | | | | | | | | | | |
| No. | Frequency (MHz) | QuasiPeak reading (dBuV) | Average reading (dBuV) | Correction factor (dB) | QuasiPeak result (dBuV) | Average result (dBuV) | QuasiPeak limit (dBuV) | Average limit (dBuV) | QuasiPeak margin (dB) | Average margin (dB) | Remark |
| 1* | 0.1660 | 52.27 | 25.56 | 9.80 | 62.07 | 35.36 | 65.15 | 55.16 | -3.08 | -19.80 | Pass |
| 2P | 0.2220 | 36.65 | 22.41 | 9.59 | 46.24 | 32.00 | 62.74 | 52.74 | -16.50 | -20.74 | Pass |
| 3P | 0.2779 | 33.86 | 19.33 | 9.58 | 43.44 | 28.91 | 60.88 | 50.88 | -17.44 | -21.97 | Pass |
| 4P | 0.4140 | 41.70 | 33.20 | 9.54 | 51.24 | 42.74 | 57.57 | 47.57 | -6.33 | -4.83 | Pass |
| 5P | 0.8380 | 38.70 | 23.94 | 9.61 | 48.31 | 33.55 | 56.00 | 46.00 | -7.69 | -12.45 | Pass |
| 6P | 1.1740 | 37.56 | 23.29 | 9.69 | 47.25 | 32.98 | 56.00 | 46.00 | -8.75 | -13.02 | Pass |
| N | | | | | | | | | | | |
|  | | | | | | | | | | | |
| No. | Frequency (MHz) | QuasiPeak reading (dBuV) | Average reading (dBuV) | Correction factor (dB) | QuasiPeak result (dBuV) | Average result (dBuV) | QuasiPeak limit (dBuV) | Average limit (dBuV) | QuasiPeak margin (dB) | Average margin (dB) | Remark |
| 1P | 0.1700 | 42.42 | 25.22 | 9.60 | 52.02 | 34.82 | 64.96 | 54.96 | -12.94 | -20.14 | Pass |
| 2P | 0.2260 | 39.42 | 20.07 | 9.59 | 49.01 | 29.66 | 62.59 | 52.60 | -13.58 | -22.94 | Pass |
| 3* | 0.2860 | 47.89 | 18.67 | 9.58 | 57.47 | 28.25 | 60.64 | 50.64 | -3.17 | -22.39 | Pass |
| 4P | 0.4340 | 43.29 | 33.24 | 9.53 | 52.82 | 42.77 | 57.18 | 47.18 | -4.36 | -4.41 | Pass |
| 5P | 0.6220 | 39.66 | 23.75 | 9.57 | 49.23 | 33.32 | 56.00 | 46.00 | -6.77 | -12.68 | Pass |
| 6P | 6.5780 | 38.74 | 25.48 | 9.62 | 48.36 | 35.10 | 60.00 | 50.00 | -11.64 | -14.90 | Pass |

Appendix A.2 Test Results of Radiated Spurious Emission

Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. All the data rate and configurations have been tested and only the worst case mode (802.11a, n(HT20) and ac(VHT20) reported.

| Below 1GHz: | | | | | | | | | |
|--|-----------------|--------------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| Test Mode: | | Mode 8(worst mode) | | | | | | | |
| Horizontal | | | | | | | | | |
|  <p>The plot shows radiated spurious emissions in dBuV/m versus frequency in MHz. The y-axis ranges from 0.0 to 80.0 dBuV/m, and the x-axis ranges from 30.000 to 1000.000 MHz. A blue line represents the measured emissions, a red line represents the limit, and a green line represents the margin. Several peaks are marked with vertical lines and labeled with numbers 1 through 6.</p> | | | | | | | | | |
| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
| 1 | 69.2296 | 40.23 | -13.91 | 26.32 | 40.00 | -13.68 | | | QP |
| 2 | 230.0000 | 45.51 | -13.74 | 31.77 | 46.00 | -14.23 | | | QP |
| 3* | 241.8377 | 56.26 | -13.28 | 42.98 | 46.00 | -3.02 | | | QP |
| 4 | 322.5896 | 50.96 | -10.98 | 39.98 | 46.00 | -6.02 | | | QP |
| 5! | 368.6681 | 52.48 | -9.62 | 42.86 | 46.00 | -3.14 | | | QP |
| 6! | 665.2610 | 46.57 | -3.61 | 42.96 | 46.00 | -3.04 | | | QP |
| Vertical | | | | | | | | | |
|  <p>The plot shows radiated spurious emissions in dBuV/m versus frequency in MHz. The y-axis ranges from 0.0 to 80.0 dBuV/m, and the x-axis ranges from 30.000 to 1000.000 MHz. A blue line represents the measured emissions, a red line represents the limit, and a green line represents the margin. Several peaks are marked with vertical lines and labeled with numbers 1 through 6.</p> | | | | | | | | | |
| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
| 1* | 50.8171 | 49.00 | -12.05 | 36.95 | 40.00 | -3.05 | | | QP |
| 2 | 64.5318 | 46.70 | -13.24 | 33.46 | 40.00 | -6.54 | | | QP |
| 3! | 245.2606 | 53.39 | -13.16 | 40.23 | 46.00 | -5.77 | | | QP |
| 4! | 371.2680 | 52.44 | -9.56 | 42.88 | 46.00 | -3.12 | | | QP |
| 5 | 578.0358 | 42.25 | -5.27 | 36.98 | 46.00 | -9.02 | | | QP |
| 6! | 665.2610 | 44.16 | -3.61 | 40.55 | 46.00 | -5.45 | | | QP |



Above 1GHz:

Band I:

802.11 a-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 1320.528 | 65.29 | -24.55 | 40.74 | 68.20 | -27.46 | peak |
| 2 | 1320.528 | 46.09 | -24.55 | 21.54 | 54.00 | -32.46 | AVG |
| 3 | 1774.361 | 63.83 | -22.93 | 40.90 | 68.20 | -27.30 | peak |
| 4 | 1774.361 | 45.49 | -22.93 | 22.56 | 54.00 | -31.44 | AVG |
| 5 | 2468.481 | 61.74 | -19.94 | 41.80 | 68.20 | -26.40 | peak |
| 6 | 2468.481 | 42.20 | -19.94 | 22.26 | 54.00 | -31.74 | AVG |
| 7 | 5151.196 | 60.30 | -14.86 | 45.44 | 68.20 | -22.76 | peak |
| 8 | 5151.196 | 40.80 | -14.86 | 25.94 | 54.00 | -28.06 | AVG |
| 9 | 12715.632 | 56.64 | -2.72 | 53.92 | 68.20 | -14.28 | peak |
| 10 | 12715.632 | 37.88 | -2.72 | 35.16 | 54.00 | -18.84 | AVG |
| 11 | 14612.070 | 54.42 | -1.59 | 52.83 | 68.20 | -15.37 | peak |
| 12 | 14612.070 | 34.30 | -1.59 | 32.71 | 54.00 | -21.29 | AVG |

802.11 a-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 1328.199 | 65.79 | -24.59 | 41.20 | 68.20 | -27.00 | peak |
| 2 | 1328.199 | 47.28 | -24.59 | 22.69 | 54.00 | -31.31 | AVG |
| 3 | 2038.994 | 63.43 | -21.13 | 42.30 | 68.20 | -25.90 | peak |
| 4 | 2038.994 | 44.28 | -21.13 | 23.15 | 54.00 | -30.85 | AVG |
| 5 | 7419.751 | 57.00 | -9.08 | 47.92 | 68.20 | -20.28 | peak |
| 6 | 7419.751 | 38.71 | -9.08 | 29.63 | 54.00 | -24.37 | AVG |
| 7 | 9408.664 | 55.46 | -6.22 | 49.24 | 68.20 | -18.96 | peak |
| 8 | 9408.664 | 37.74 | -6.22 | 31.52 | 54.00 | -22.48 | AVG |
| 9 | 11930.719 | 54.68 | -3.22 | 51.46 | 68.20 | -16.74 | peak |
| 10 | 11930.719 | 34.48 | -3.22 | 31.26 | 54.00 | -22.74 | AVG |
| 11 | 13165.319 | 55.93 | -2.80 | 53.13 | 68.20 | -15.07 | peak |
| 12 | 13165.319 | 37.84 | -2.80 | 35.04 | 54.00 | -18.96 | AVG |

802.11 a-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 1626.704 | 68.45 | -27.79 | 40.66 | 68.20 | -27.54 | peak |
| 2 | 1626.704 | 48.35 | -27.79 | 20.56 | 54.00 | -33.44 | AVG |
| 3 | 1992.294 | 67.62 | -26.90 | 40.72 | 68.20 | -27.48 | peak |
| 4 | 1992.294 | 49.05 | -26.90 | 22.15 | 54.00 | -31.85 | AVG |
| 5 | 7207.945 | 66.53 | -18.05 | 48.48 | 68.20 | -19.72 | peak |
| 6 | 7207.945 | 49.57 | -18.05 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 8879.167 | 65.81 | -16.73 | 49.08 | 68.20 | -19.12 | peak |
| 8 | 8879.167 | 48.25 | -16.73 | 31.52 | 54.00 | -22.48 | AVG |
| 9 | 11456.648 | 66.23 | -15.70 | 50.53 | 68.20 | -17.67 | peak |
| 10 | 11456.648 | 49.29 | -15.70 | 33.59 | 54.00 | -20.41 | AVG |
| 11 | 12715.632 | 67.33 | -14.99 | 52.34 | 68.20 | -15.86 | peak |
| 12 | 12715.632 | 50.85 | -14.99 | 35.86 | 54.00 | -18.14 | AVG |



802.11 a-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 1246.212 | 66.86 | -24.97 | 41.89 | 68.20 | -26.31 | peak |
| 2 | 1246.212 | 48.62 | -24.97 | 23.65 | 54.00 | -30.35 | AVG |
| 3 | 5271.939 | 57.68 | -14.51 | 43.17 | 68.20 | -25.03 | peak |
| 4 | 5271.939 | 40.66 | -14.51 | 26.15 | 54.00 | -27.85 | AVG |
| 5 | 6128.798 | 57.79 | -11.67 | 46.12 | 68.20 | -22.08 | peak |
| 6 | 6128.798 | 40.30 | -11.67 | 28.63 | 54.00 | -25.37 | AVG |
| 7 | 7419.751 | 58.07 | -9.08 | 48.99 | 68.20 | -19.21 | peak |
| 8 | 7419.751 | 38.64 | -9.08 | 29.56 | 54.00 | -24.44 | AVG |
| 9 | 9408.664 | 55.64 | -6.22 | 49.42 | 68.20 | -18.78 | peak |
| 10 | 9408.664 | 37.74 | -6.22 | 31.52 | 54.00 | -22.48 | AVG |
| 11 | 12210.372 | 54.59 | -3.32 | 51.27 | 68.20 | -16.93 | peak |
| 12 | 12210.372 | 37.31 | -3.32 | 33.99 | 54.00 | -20.01 | AVG |

802.11 a-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 3878.331 | 66.72 | -23.64 | 43.08 | 68.20 | -25.12 | peak |
| 2 | 3878.331 | 52.09 | -23.64 | 28.45 | 54.00 | -25.55 | AVG |
| 3 | 5885.269 | 66.27 | -19.82 | 46.45 | 68.20 | -21.75 | peak |
| 4 | 5885.269 | 48.45 | -19.82 | 28.63 | 54.00 | -25.37 | AVG |
| 5 | 7249.817 | 67.33 | -17.90 | 49.43 | 68.20 | -18.77 | peak |
| 6 | 7249.817 | 49.42 | -17.90 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 10085.905 | 65.78 | -16.61 | 49.17 | 68.20 | -19.03 | peak |
| 8 | 10085.905 | 48.46 | -16.61 | 31.85 | 54.00 | -22.15 | AVG |
| 9 | 12000.026 | 67.74 | -14.50 | 53.24 | 68.20 | -14.96 | peak |
| 10 | 12000.026 | 49.39 | -14.50 | 34.89 | 54.00 | -19.11 | AVG |
| 11 | 13165.319 | 68.15 | -15.37 | 52.78 | 68.20 | -15.42 | peak |
| 12 | 13165.319 | 49.93 | -15.37 | 34.56 | 54.00 | -19.44 | AVG |

802.11 a-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 4946.511 | 65.45 | -22.11 | 43.34 | 68.20 | -24.86 | peak |
| 2 | 4946.511 | 48.41 | -22.11 | 26.30 | 54.00 | -27.70 | AVG |
| 3 | 7249.817 | 66.88 | -17.90 | 48.98 | 68.20 | -19.22 | peak |
| 4 | 7249.817 | 47.05 | -17.90 | 29.15 | 54.00 | -24.85 | AVG |
| 5 | 9087.293 | 65.82 | -16.76 | 49.06 | 68.20 | -19.14 | peak |
| 6 | 9087.293 | 48.28 | -16.76 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 9969.738 | 65.76 | -16.44 | 49.32 | 68.20 | -18.88 | peak |
| 8 | 9969.738 | 47.46 | -16.44 | 31.02 | 54.00 | -22.98 | AVG |
| 9 | 12069.735 | 66.35 | -14.56 | 51.79 | 68.20 | -16.41 | peak |
| 10 | 12069.735 | 48.52 | -14.56 | 33.96 | 54.00 | -20.04 | AVG |
| 11 | 12715.632 | 68.64 | -14.99 | 53.65 | 68.20 | -14.55 | peak |
| 12 | 12715.632 | 47.68 | -14.99 | 32.69 | 54.00 | -21.31 | AVG |



802.11 n20-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6802.299 | 64.50 | -18.38 | 46.12 | 68.20 | -22.08 | peak |
| 2 | 6802.299 | 48.01 | -18.38 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 8428.146 | 64.31 | -17.08 | 47.23 | 68.20 | -20.97 | peak |
| 4 | 8428.146 | 48.34 | -17.08 | 31.26 | 54.00 | -22.74 | AVG |
| 5 | 9518.294 | 64.92 | -16.25 | 48.67 | 68.20 | -19.53 | peak |
| 6 | 9518.294 | 46.51 | -16.25 | 30.26 | 54.00 | -23.74 | AVG |
| 7 | 10687.365 | 65.71 | -16.63 | 49.08 | 68.20 | -19.12 | peak |
| 8 | 10687.365 | 48.22 | -16.63 | 31.59 | 54.00 | -22.41 | AVG |
| 9 | 12715.632 | 67.21 | -14.99 | 52.22 | 68.20 | -15.98 | peak |
| 10 | 12715.632 | 49.24 | -14.99 | 34.25 | 54.00 | -19.75 | AVG |
| 11 | 13950.416 | 65.68 | -14.74 | 50.94 | 68.20 | -17.26 | peak |
| 12 | 13950.416 | 48.38 | -14.74 | 33.64 | 54.00 | -20.36 | AVG |

802.11 n20-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 3811.519 | 67.08 | -23.70 | 43.38 | 68.20 | -24.82 | peak |
| 2 | 3811.519 | 49.66 | -23.70 | 25.96 | 54.00 | -28.04 | AVG |
| 3 | 7862.219 | 65.61 | -17.39 | 48.22 | 68.20 | -19.98 | peak |
| 4 | 7862.219 | 47.64 | -17.39 | 30.25 | 54.00 | -23.75 | AVG |
| 5 | 9629.202 | 64.23 | -16.30 | 47.93 | 68.20 | -20.27 | peak |
| 6 | 9629.202 | 45.93 | -16.30 | 29.63 | 54.00 | -24.37 | AVG |
| 7 | 10625.639 | 65.51 | -16.56 | 48.95 | 68.20 | -19.25 | peak |
| 8 | 10625.639 | 48.45 | -16.56 | 31.89 | 54.00 | -22.11 | AVG |
| 9 | 11930.719 | 65.81 | -14.67 | 51.14 | 68.20 | -17.06 | peak |
| 10 | 11930.719 | 48.17 | -14.67 | 33.50 | 54.00 | -20.50 | AVG |
| 11 | 14782.331 | 66.07 | -14.72 | 51.35 | 68.20 | -16.85 | peak |
| 12 | 14782.331 | 47.68 | -14.72 | 32.96 | 54.00 | -21.04 | AVG |

802.11 n20-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7207.945 | 66.03 | -18.05 | 47.98 | 68.20 | -20.22 | peak |
| 2 | 7207.945 | 47.66 | -18.05 | 29.61 | 54.00 | -24.39 | AVG |
| 3 | 8879.167 | 65.81 | -16.73 | 49.08 | 68.20 | -19.12 | peak |
| 4 | 8879.167 | 47.93 | -16.73 | 31.20 | 54.00 | -22.80 | AVG |
| 5 | 10687.365 | 66.79 | -16.63 | 50.16 | 68.20 | -18.04 | peak |
| 6 | 10687.365 | 48.89 | -16.63 | 32.26 | 54.00 | -21.74 | AVG |
| 7 | 11456.648 | 66.73 | -15.70 | 51.03 | 68.20 | -17.17 | peak |
| 8 | 11456.648 | 49.39 | -15.70 | 33.69 | 54.00 | -20.31 | AVG |
| 9 | 13396.092 | 66.49 | -15.18 | 51.31 | 68.20 | -16.89 | peak |
| 10 | 13396.092 | 48.83 | -15.18 | 33.65 | 54.00 | -20.35 | AVG |
| 11 | 14782.331 | 66.93 | -14.72 | 52.21 | 68.20 | -15.99 | peak |
| 12 | 14782.331 | 50.13 | -14.72 | 35.41 | 54.00 | -18.59 | AVG |



802.11 n20-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 64.22 | -18.39 | 45.83 | 68.20 | -28.17 | peak |
| 2 | 6763.011 | 47.34 | -18.39 | 28.95 | 54.00 | -25.05 | AVG |
| 3 | 8331.072 | 64.34 | -17.13 | 47.21 | 68.20 | -26.79 | peak |
| 4 | 8331.072 | 46.76 | -17.13 | 29.63 | 54.00 | -24.37 | AVG |
| 5 | 9912.157 | 65.15 | -16.33 | 48.82 | 68.20 | -25.18 | peak |
| 6 | 9912.157 | 46.48 | -16.33 | 30.15 | 54.00 | -23.85 | AVG |
| 7 | 12000.026 | 64.81 | -14.50 | 50.31 | 68.20 | -23.69 | peak |
| 8 | 12000.026 | 48.16 | -14.50 | 33.66 | 54.00 | -20.34 | AVG |
| 9 | 12715.632 | 66.65 | -14.99 | 51.66 | 68.20 | -22.34 | peak |
| 10 | 12715.632 | 48.68 | -14.99 | 33.69 | 54.00 | -20.31 | AVG |
| 11 | 14782.331 | 66.40 | -14.72 | 51.68 | 68.20 | -22.32 | peak |
| 12 | 14782.331 | 48.87 | -14.72 | 34.15 | 54.00 | -19.85 | AVG |

802.11 n20-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6345.543 | 65.44 | -19.07 | 46.37 | 68.20 | -22.37 | peak |
| 2 | 6345.543 | 48.02 | -19.07 | 28.95 | 54.00 | -25.05 | AVG |
| 3 | 7249.817 | 65.33 | -17.90 | 47.43 | 68.20 | -20.99 | peak |
| 4 | 7249.817 | 47.53 | -17.90 | 29.63 | 54.00 | -24.37 | AVG |
| 5 | 8982.627 | 65.25 | -16.80 | 48.45 | 68.20 | -19.38 | peak |
| 6 | 8982.627 | 47.06 | -16.80 | 30.26 | 54.00 | -23.85 | AVG |
| 7 | 9912.157 | 66.08 | -16.33 | 49.75 | 68.20 | -17.89 | peak |
| 8 | 9912.157 | 48.22 | -16.33 | 31.89 | 54.00 | -20.34 | AVG |
| 9 | 11456.648 | 66.75 | -15.70 | 51.05 | 68.20 | -16.54 | peak |
| 10 | 11456.648 | 48.96 | -15.70 | 33.26 | 54.00 | -20.31 | AVG |
| 11 | 14612.070 | 66.83 | -14.56 | 52.27 | 68.20 | -16.52 | peak |
| 12 | 14612.070 | 50.05 | -14.56 | 35.49 | 54.00 | -19.85 | AVG |

802.11 n20-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7249.817 | 66.88 | -17.90 | 48.98 | 68.20 | -19.22 | peak |
| 2 | 7249.817 | 49.16 | -17.90 | 31.26 | 54.00 | -22.74 | AVG |
| 3 | 8331.072 | 66.13 | -17.13 | 49.00 | 68.20 | -19.20 | peak |
| 4 | 8331.072 | 48.65 | -17.13 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 9969.738 | 65.76 | -16.44 | 49.32 | 68.20 | -18.88 | peak |
| 6 | 9969.738 | 48.92 | -16.44 | 32.48 | 54.00 | -21.52 | AVG |
| 7 | 10749.449 | 66.20 | -16.65 | 49.55 | 68.20 | -18.65 | peak |
| 8 | 10749.449 | 47.91 | -16.65 | 31.26 | 54.00 | -22.74 | AVG |
| 9 | 12715.632 | 68.64 | -14.99 | 53.65 | 68.20 | -14.55 | peak |
| 10 | 12715.632 | 49.55 | -14.99 | 34.56 | 54.00 | -19.44 | AVG |
| 11 | 14194.951 | 66.81 | -14.59 | 52.22 | 68.20 | -15.98 | peak |
| 12 | 14194.951 | 49.48 | -14.59 | 34.89 | 54.00 | -19.11 | AVG |



802.11 ac20-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7593.669 | 64.57 | -17.64 | 46.93 | 68.20 | -21.27 | peak |
| 2 | 7593.669 | 47.27 | -17.64 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 8331.072 | 64.48 | -17.13 | 47.35 | 68.20 | -20.85 | peak |
| 4 | 8331.072 | 48.75 | -17.13 | 31.62 | 54.00 | -22.38 | AVG |
| 5 | 8930.747 | 65.21 | -16.75 | 48.46 | 68.20 | -19.74 | peak |
| 6 | 8930.747 | 47.27 | -16.75 | 30.52 | 54.00 | -23.48 | AVG |
| 7 | 11129.603 | 65.99 | -16.44 | 49.55 | 68.20 | -18.65 | peak |
| 8 | 11129.603 | 48.03 | -16.44 | 31.59 | 54.00 | -22.41 | AVG |
| 9 | 12715.632 | 67.91 | -14.99 | 52.92 | 68.20 | -15.28 | peak |
| 10 | 12715.632 | 49.74 | -14.99 | 34.75 | 54.00 | -19.25 | AVG |
| 11 | 14612.070 | 66.89 | -14.56 | 52.33 | 68.20 | -15.87 | peak |
| 12 | 14612.070 | 50.04 | -14.56 | 35.48 | 54.00 | -18.52 | AVG |

802.11 ac20-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 65.69 | -17.77 | 47.92 | 68.20 | -20.28 | peak |
| 2 | 7419.751 | 48.79 | -17.77 | 31.02 | 54.00 | -22.98 | AVG |
| 3 | 8827.884 | 65.89 | -16.82 | 49.07 | 68.20 | -19.13 | peak |
| 4 | 8827.884 | 48.34 | -16.82 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 10687.365 | 65.87 | -16.63 | 49.24 | 68.20 | -18.96 | peak |
| 6 | 10687.365 | 48.15 | -16.63 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 11523.201 | 65.70 | -15.52 | 50.18 | 68.20 | -18.02 | peak |
| 8 | 11523.201 | 48.08 | -15.52 | 32.56 | 54.00 | -21.44 | AVG |
| 9 | 13165.319 | 68.50 | -15.37 | 53.13 | 68.20 | -15.07 | peak |
| 10 | 13165.319 | 51.33 | -15.37 | 35.96 | 54.00 | -18.04 | AVG |
| 11 | 16217.807 | 67.43 | -14.89 | 52.54 | 68.20 | -15.66 | peak |
| 12 | 16217.807 | 50.78 | -14.89 | 35.89 | 54.00 | -18.11 | AVG |

802.11 ac20-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7207.945 | 67.03 | -18.05 | 48.98 | 68.20 | -19.22 | peak |
| 2 | 7207.945 | 48.57 | -18.05 | 30.52 | 54.00 | -23.48 | AVG |
| 3 | 8879.167 | 65.81 | -16.73 | 49.08 | 68.20 | -19.12 | peak |
| 4 | 8879.167 | 47.99 | -16.73 | 31.26 | 54.00 | -22.74 | AVG |
| 5 | 10687.365 | 66.29 | -16.63 | 49.66 | 68.20 | -18.54 | peak |
| 6 | 10687.365 | 48.19 | -16.63 | 31.56 | 54.00 | -22.44 | AVG |
| 7 | 12000.026 | 65.73 | -14.50 | 51.23 | 68.20 | -16.97 | peak |
| 8 | 12000.026 | 48.02 | -14.50 | 33.52 | 54.00 | -20.48 | AVG |
| 9 | 12715.632 | 68.33 | -14.99 | 53.34 | 68.20 | -14.86 | peak |
| 10 | 12715.632 | 49.84 | -14.99 | 34.85 | 54.00 | -19.15 | AVG |
| 11 | 13396.092 | 67.99 | -15.18 | 52.81 | 68.20 | -15.39 | peak |
| 12 | 13396.092 | 50.66 | -15.18 | 35.48 | 54.00 | -18.52 | AVG |



802.11 ac20-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 65.72 | -18.39 | 47.33 | 68.20 | -20.87 | peak |
| 2 | 6763.011 | 49.65 | -18.39 | 31.26 | 54.00 | -22.74 | AVG |
| 3 | 7419.751 | 66.76 | -17.77 | 48.99 | 68.20 | -19.21 | peak |
| 4 | 7419.751 | 49.92 | -17.77 | 32.15 | 54.00 | -21.85 | AVG |
| 5 | 9408.664 | 65.68 | -16.26 | 49.42 | 68.20 | -18.78 | peak |
| 6 | 9408.664 | 47.71 | -16.26 | 31.45 | 54.00 | -22.55 | AVG |
| 7 | 11456.648 | 65.82 | -15.70 | 50.12 | 68.20 | -18.08 | peak |
| 8 | 11456.648 | 48.35 | -15.70 | 32.65 | 54.00 | -21.35 | AVG |
| 9 | 12715.632 | 66.65 | -14.99 | 51.66 | 68.20 | -16.54 | peak |
| 10 | 12715.632 | 48.51 | -14.99 | 33.52 | 54.00 | -20.48 | AVG |
| 11 | 14782.331 | 67.40 | -14.72 | 52.68 | 68.20 | -15.52 | peak |
| 12 | 14782.331 | 50.13 | -14.72 | 35.41 | 54.00 | -18.59 | AVG |

802.11 ac20-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7249.817 | 67.33 | -17.90 | 49.43 | 68.20 | -18.77 | peak |
| 2 | 7249.817 | 49.42 | -17.90 | 31.52 | 54.00 | -22.48 | AVG |
| 3 | 8982.627 | 65.25 | -16.80 | 48.45 | 68.20 | -19.75 | peak |
| 4 | 8982.627 | 47.82 | -16.80 | 31.02 | 54.00 | -22.98 | AVG |
| 5 | 9969.738 | 65.48 | -16.44 | 49.04 | 68.20 | -19.16 | peak |
| 6 | 9969.738 | 47.92 | -16.44 | 31.48 | 54.00 | -22.52 | AVG |
| 7 | 12000.026 | 66.24 | -14.50 | 51.74 | 68.20 | -16.46 | peak |
| 8 | 12000.026 | 47.79 | -14.50 | 33.29 | 54.00 | -20.71 | AVG |
| 9 | 13165.319 | 68.15 | -15.37 | 52.78 | 68.20 | -15.42 | peak |
| 10 | 13165.319 | 50.78 | -15.37 | 35.41 | 54.00 | -18.59 | AVG |
| 11 | 14612.070 | 67.33 | -14.56 | 52.77 | 68.20 | -15.43 | peak |
| 12 | 14612.070 | 49.82 | -14.56 | 35.26 | 54.00 | -18.74 | AVG |

802.11 ac20-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7249.817 | 66.88 | -17.90 | 48.98 | 68.20 | -19.22 | peak |
| 2 | 7249.817 | 49.42 | -17.90 | 31.52 | 54.00 | -22.48 | AVG |
| 3 | 8879.167 | 65.73 | -16.73 | 49.00 | 68.20 | -19.20 | peak |
| 4 | 8879.167 | 48.25 | -16.73 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 9969.738 | 65.76 | -16.44 | 49.32 | 68.20 | -18.88 | peak |
| 6 | 9969.738 | 48.19 | -16.44 | 31.75 | 54.00 | -22.25 | AVG |
| 7 | 11523.201 | 66.74 | -15.52 | 51.22 | 68.20 | -16.98 | peak |
| 8 | 11523.201 | 48.78 | -15.52 | 33.26 | 54.00 | -20.74 | AVG |
| 9 | 12715.632 | 68.64 | -14.99 | 53.65 | 68.20 | -14.55 | peak |
| 10 | 12715.632 | 46.45 | -14.99 | 31.46 | 54.00 | -22.54 | AVG |
| 11 | 14194.951 | 66.81 | -14.59 | 52.22 | 68.20 | -15.98 | peak |
| 12 | 14194.951 | 50.00 | -14.59 | 35.41 | 54.00 | -18.59 | AVG |



Band II:

802.11 a-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 66.05 | -17.77 | 48.28 | 68.20 | -19.92 | peak |
| 2 | 7419.751 | 48.02 | -17.77 | 30.25 | 54.00 | -23.75 | AVG |
| 3 | 9193.178 | 65.51 | -16.59 | 48.92 | 68.20 | -19.28 | peak |
| 4 | 9193.178 | 47.21 | -16.59 | 30.62 | 54.00 | -23.38 | AVG |
| 5 | 9969.738 | 65.61 | -16.44 | 49.17 | 68.20 | -19.03 | peak |
| 6 | 9969.738 | 48.02 | -16.44 | 31.58 | 54.00 | -22.42 | AVG |
| 7 | 11930.719 | 66.20 | -14.67 | 51.53 | 68.20 | -16.67 | peak |
| 8 | 11930.719 | 48.52 | -14.67 | 33.85 | 54.00 | -20.15 | AVG |
| 9 | 12715.632 | 67.89 | -14.99 | 52.90 | 68.20 | -15.30 | peak |
| 10 | 12715.632 | 49.61 | -14.99 | 34.62 | 54.00 | -19.38 | AVG |
| 11 | 14868.203 | 68.28 | -14.64 | 53.64 | 68.20 | -14.56 | peak |
| 12 | 14868.203 | 50.60 | -14.64 | 35.96 | 54.00 | -18.04 | AVG |

802.11 a-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 2646.164 | 68.72 | -25.67 | 43.05 | 68.20 | -25.15 | peak |
| 2 | 2646.164 | 53.70 | -25.67 | 28.03 | 54.00 | -25.97 | AVG |
| 3 | 6763.011 | 64.01 | -18.39 | 45.62 | 68.20 | -22.58 | peak |
| 4 | 6763.011 | 46.34 | -18.39 | 27.95 | 54.00 | -26.05 | AVG |
| 5 | 8000.034 | 64.56 | -17.20 | 47.36 | 68.20 | -20.84 | peak |
| 6 | 8000.034 | 46.83 | -17.20 | 29.63 | 54.00 | -24.37 | AVG |
| 7 | 9408.664 | 65.78 | -16.26 | 49.52 | 68.20 | -18.68 | peak |
| 8 | 9408.664 | 47.28 | -16.26 | 31.02 | 54.00 | -22.98 | AVG |
| 9 | 12000.026 | 66.50 | -14.50 | 52.00 | 68.20 | -16.20 | peak |
| 10 | 12000.026 | 49.96 | -14.50 | 35.46 | 54.00 | -18.54 | AVG |
| 11 | 12715.632 | 68.44 | -14.99 | 53.45 | 68.20 | -14.75 | peak |
| 12 | 12715.632 | 49.51 | -14.99 | 34.52 | 54.00 | -19.48 | AVG |

802.11 a-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6345.543 | 63.92 | -19.07 | 44.85 | 68.20 | -23.35 | peak |
| 2 | 6345.543 | 48.70 | -19.07 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 7419.751 | 64.87 | -17.77 | 47.10 | 68.20 | -21.10 | peak |
| 4 | 7419.751 | 46.92 | -17.77 | 29.15 | 54.00 | -24.85 | AVG |
| 5 | 9408.664 | 65.46 | -16.26 | 49.20 | 68.20 | -19.00 | peak |
| 6 | 9408.664 | 47.78 | -16.26 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 11523.201 | 66.19 | -15.52 | 50.67 | 68.20 | -17.53 | peak |
| 8 | 11523.201 | 47.67 | -15.52 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 12715.632 | 67.71 | -14.99 | 52.72 | 68.20 | -15.48 | peak |
| 10 | 12715.632 | 48.51 | -14.99 | 33.52 | 54.00 | -20.48 | AVG |
| 11 | 14782.331 | 67.13 | -14.72 | 52.41 | 68.20 | -15.79 | peak |
| 12 | 14782.331 | 50.56 | -14.72 | 35.84 | 54.00 | -18.16 | AVG |



802.11 a-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6128.798 | 57.23 | -11.67 | 45.56 | 68.20 | -22.64 | peak |
| 2 | 6128.798 | 39.12 | -11.67 | 27.45 | 54.00 | -26.55 | AVG |
| 3 | 7249.817 | 56.26 | -9.55 | 46.71 | 68.20 | -21.49 | peak |
| 4 | 7249.817 | 38.18 | -9.55 | 28.63 | 54.00 | -25.37 | AVG |
| 5 | 8879.167 | 56.67 | -7.81 | 48.86 | 68.20 | -19.34 | peak |
| 6 | 8879.167 | 38.83 | -7.81 | 31.02 | 54.00 | -22.98 | AVG |
| 7 | 10625.639 | 55.07 | -5.62 | 49.45 | 68.20 | -18.75 | peak |
| 8 | 10625.639 | 36.82 | -5.62 | 31.20 | 54.00 | -22.80 | AVG |
| 9 | 12715.632 | 54.54 | -2.72 | 51.82 | 68.20 | -16.38 | peak |
| 10 | 12715.632 | 36.68 | -2.72 | 33.96 | 54.00 | -20.04 | AVG |
| 11 | 14194.951 | 53.06 | -1.12 | 51.94 | 68.20 | -16.26 | peak |
| 12 | 14194.951 | 34.38 | -1.12 | 33.26 | 54.00 | -20.74 | AVG |

802.11 a-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 4975.246 | 66.69 | -22.10 | 44.59 | 68.20 | -23.61 | peak |
| 2 | 4975.246 | 48.69 | -22.10 | 26.59 | 54.00 | -27.41 | AVG |
| 3 | 7207.945 | 65.53 | -18.05 | 47.48 | 68.20 | -20.72 | peak |
| 4 | 7207.945 | 49.07 | -18.05 | 31.02 | 54.00 | -22.98 | AVG |
| 5 | 8879.167 | 65.31 | -16.73 | 48.58 | 68.20 | -19.62 | peak |
| 6 | 8879.167 | 46.06 | -16.73 | 29.33 | 54.00 | -24.67 | AVG |
| 7 | 10687.365 | 64.79 | -16.63 | 48.16 | 68.20 | -20.04 | peak |
| 8 | 10687.365 | 46.85 | -16.63 | 30.22 | 54.00 | -23.78 | AVG |
| 9 | 12715.632 | 67.83 | -14.99 | 52.84 | 68.20 | -15.36 | peak |
| 10 | 12715.632 | 48.54 | -14.99 | 33.55 | 54.00 | -20.45 | AVG |
| 11 | 14782.331 | 66.43 | -14.72 | 51.71 | 68.20 | -16.49 | peak |
| 12 | 14782.331 | 48.71 | -14.72 | 33.99 | 54.00 | -20.01 | AVG |

802.11 a-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 66.22 | -18.39 | 47.83 | 68.20 | -20.37 | peak |
| 2 | 6763.011 | 48.02 | -18.39 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 7419.751 | 66.76 | -17.77 | 48.99 | 68.20 | -19.21 | peak |
| 4 | 7419.751 | 48.97 | -17.77 | 31.20 | 54.00 | -22.80 | AVG |
| 5 | 9087.293 | 65.83 | -16.76 | 49.07 | 68.20 | -19.13 | peak |
| 6 | 9087.293 | 48.28 | -16.76 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 9912.157 | 64.65 | -16.33 | 48.32 | 68.20 | -19.88 | peak |
| 8 | 9912.157 | 47.89 | -16.33 | 31.56 | 54.00 | -22.44 | AVG |
| 9 | 12715.632 | 67.65 | -14.99 | 52.66 | 68.20 | -15.54 | peak |
| 10 | 12715.632 | 49.14 | -14.99 | 34.15 | 54.00 | -19.85 | AVG |
| 11 | 14782.331 | 66.40 | -14.72 | 51.68 | 68.20 | -16.52 | peak |
| 12 | 14782.331 | 48.68 | -14.72 | 33.96 | 54.00 | -20.04 | AVG |



802.11 n20-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 66.05 | -17.77 | 48.28 | 68.20 | -19.92 | peak |
| 2 | 7419.751 | 47.92 | -17.77 | 30.15 | 54.00 | -23.85 | AVG |
| 3 | 9193.178 | 66.01 | -16.59 | 49.42 | 68.20 | -18.78 | peak |
| 4 | 9193.178 | 48.18 | -16.59 | 31.59 | 54.00 | -22.41 | AVG |
| 5 | 9969.738 | 66.11 | -16.44 | 49.67 | 68.20 | -18.53 | peak |
| 6 | 9969.738 | 48.59 | -16.44 | 32.15 | 54.00 | -21.85 | AVG |
| 7 | 11930.719 | 66.70 | -14.67 | 52.03 | 68.20 | -16.17 | peak |
| 8 | 11930.719 | 49.19 | -14.67 | 34.52 | 54.00 | -19.48 | AVG |
| 9 | 12715.632 | 67.89 | -14.99 | 52.90 | 68.20 | -15.30 | peak |
| 10 | 12715.632 | 49.51 | -14.99 | 34.52 | 54.00 | -19.48 | AVG |
| 11 | 14868.203 | 67.28 | -14.64 | 52.64 | 68.20 | -15.56 | peak |
| 12 | 14868.203 | 51.23 | -14.64 | 36.59 | 54.00 | -17.41 | AVG |

802.11 n20-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6236.229 | 64.05 | -19.24 | 44.81 | 68.20 | -23.39 | peak |
| 2 | 6236.229 | 46.83 | -19.24 | 27.59 | 54.00 | -26.41 | AVG |
| 3 | 8000.034 | 65.56 | -17.20 | 48.36 | 68.20 | -19.84 | peak |
| 4 | 8000.034 | 47.72 | -17.20 | 30.52 | 54.00 | -23.48 | AVG |
| 5 | 8879.167 | 66.57 | -16.73 | 49.84 | 68.20 | -18.36 | peak |
| 6 | 8879.167 | 47.93 | -16.73 | 31.20 | 54.00 | -22.80 | AVG |
| 7 | 9408.664 | 66.28 | -16.26 | 50.02 | 68.20 | -18.18 | peak |
| 8 | 9408.664 | 48.42 | -16.26 | 32.16 | 54.00 | -21.84 | AVG |
| 9 | 12000.026 | 66.50 | -14.50 | 52.00 | 68.20 | -16.20 | peak |
| 10 | 12000.026 | 50.12 | -14.50 | 35.62 | 54.00 | -18.38 | AVG |
| 11 | 12715.632 | 68.44 | -14.99 | 53.45 | 68.20 | -14.75 | peak |
| 12 | 12715.632 | 49.51 | -14.99 | 34.52 | 54.00 | -19.48 | AVG |

802.11 n20-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 64.37 | -17.77 | 46.60 | 68.20 | -21.60 | peak |
| 2 | 7419.751 | 46.28 | -17.77 | 28.51 | 54.00 | -25.49 | AVG |
| 3 | 9518.294 | 64.92 | -16.25 | 48.67 | 68.20 | -19.53 | peak |
| 4 | 9518.294 | 46.37 | -16.25 | 30.12 | 54.00 | -23.88 | AVG |
| 5 | 10203.426 | 65.01 | -16.64 | 48.37 | 68.20 | -19.83 | peak |
| 6 | 10203.426 | 47.90 | -16.64 | 31.26 | 54.00 | -22.74 | AVG |
| 7 | 11523.201 | 65.19 | -15.52 | 49.67 | 68.20 | -18.53 | peak |
| 8 | 11523.201 | 48.36 | -15.52 | 32.84 | 54.00 | -21.16 | AVG |
| 9 | 12715.632 | 66.71 | -14.99 | 51.72 | 68.20 | -16.48 | peak |
| 10 | 12715.632 | 48.62 | -14.99 | 33.63 | 54.00 | -20.37 | AVG |
| 11 | 13950.416 | 66.18 | -14.74 | 51.44 | 68.20 | -16.76 | peak |
| 12 | 13950.416 | 48.70 | -14.74 | 33.96 | 54.00 | -20.04 | AVG |



802.11 n20-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6646.506 | 65.42 | -18.65 | 46.77 | 68.20 | -21.43 | peak |
| 2 | 6646.506 | 48.27 | -18.65 | 29.62 | 54.00 | -24.38 | AVG |
| 3 | 7249.817 | 65.61 | -17.90 | 47.71 | 68.20 | -20.49 | peak |
| 4 | 7249.817 | 47.53 | -17.90 | 29.63 | 54.00 | -24.37 | AVG |
| 5 | 8879.167 | 66.09 | -16.73 | 49.36 | 68.20 | -18.84 | peak |
| 6 | 8879.167 | 48.28 | -16.73 | 31.55 | 54.00 | -22.45 | AVG |
| 7 | 9629.202 | 65.23 | -16.30 | 48.93 | 68.20 | -19.27 | peak |
| 8 | 9629.202 | 47.92 | -16.30 | 31.62 | 54.00 | -22.38 | AVG |
| 9 | 11930.719 | 65.31 | -14.67 | 50.64 | 68.20 | -17.56 | peak |
| 10 | 11930.719 | 48.25 | -14.67 | 33.58 | 54.00 | -20.42 | AVG |
| 11 | 12715.632 | 65.81 | -14.99 | 50.82 | 68.20 | -17.38 | peak |
| 12 | 12715.632 | 47.53 | -14.99 | 32.54 | 54.00 | -21.46 | AVG |

802.11 n20-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7207.945 | 67.03 | -18.05 | 48.98 | 68.20 | -19.22 | peak |
| 2 | 7207.945 | 48.57 | -18.05 | 30.52 | 54.00 | -23.48 | AVG |
| 3 | 8879.167 | 65.81 | -16.73 | 49.08 | 68.20 | -19.12 | peak |
| 4 | 8879.167 | 48.35 | -16.73 | 31.62 | 54.00 | -22.38 | AVG |
| 5 | 9969.738 | 65.54 | -16.44 | 49.10 | 68.20 | -19.10 | peak |
| 6 | 9969.738 | 49.29 | -16.44 | 32.85 | 54.00 | -21.15 | AVG |
| 7 | 11456.648 | 65.73 | -15.70 | 50.03 | 68.20 | -18.17 | peak |
| 8 | 11456.648 | 48.11 | -15.70 | 32.41 | 54.00 | -21.59 | AVG |
| 9 | 12715.632 | 67.33 | -14.99 | 52.34 | 68.20 | -15.86 | peak |
| 10 | 12715.632 | 47.95 | -14.99 | 32.96 | 54.00 | -21.04 | AVG |
| 11 | 14782.331 | 66.93 | -14.72 | 52.21 | 68.20 | -15.99 | peak |
| 12 | 14782.331 | 50.18 | -14.72 | 35.46 | 54.00 | -18.54 | AVG |

802.11 n20-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 65.22 | -18.39 | 46.83 | 68.20 | -21.37 | peak |
| 2 | 6763.011 | 47.35 | -18.39 | 28.96 | 54.00 | -25.04 | AVG |
| 3 | 7419.751 | 66.26 | -17.77 | 48.49 | 68.20 | -19.71 | peak |
| 4 | 7419.751 | 48.03 | -17.77 | 30.26 | 54.00 | -23.74 | AVG |
| 5 | 9408.664 | 65.68 | -16.26 | 49.42 | 68.20 | -18.78 | peak |
| 6 | 9408.664 | 47.78 | -16.26 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 11456.648 | 64.82 | -15.70 | 49.12 | 68.20 | -19.08 | peak |
| 8 | 11456.648 | 47.22 | -15.70 | 31.52 | 54.00 | -22.48 | AVG |
| 9 | 12715.632 | 67.15 | -14.99 | 52.16 | 68.20 | -16.04 | peak |
| 10 | 12715.632 | 49.58 | -14.99 | 34.59 | 54.00 | -19.41 | AVG |
| 11 | 14782.331 | 66.90 | -14.72 | 52.18 | 68.20 | -16.02 | peak |
| 12 | 14782.331 | 49.57 | -14.72 | 34.85 | 54.00 | -19.15 | AVG |



802.11 ac20-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 66.05 | -17.77 | 48.28 | 68.20 | -19.92 | peak |
| 2 | 7419.751 | 48.97 | -17.77 | 31.20 | 54.00 | -22.80 | AVG |
| 3 | 9193.178 | 65.51 | -16.59 | 48.92 | 68.20 | -19.28 | peak |
| 4 | 9193.178 | 47.11 | -16.59 | 30.52 | 54.00 | -23.48 | AVG |
| 5 | 9629.202 | 65.21 | -16.30 | 48.91 | 68.20 | -19.29 | peak |
| 6 | 9629.202 | 46.95 | -16.30 | 30.65 | 54.00 | -23.35 | AVG |
| 7 | 11930.719 | 65.70 | -14.67 | 51.03 | 68.20 | -17.17 | peak |
| 8 | 11930.719 | 47.82 | -14.67 | 33.15 | 54.00 | -20.85 | AVG |
| 9 | 12715.632 | 66.39 | -14.99 | 51.40 | 68.20 | -16.80 | peak |
| 10 | 12715.632 | 49.84 | -14.99 | 34.85 | 54.00 | -19.15 | AVG |
| 11 | 14868.203 | 67.28 | -14.64 | 52.64 | 68.20 | -15.56 | peak |
| 12 | 14868.203 | 49.22 | -14.64 | 34.58 | 54.00 | -19.42 | AVG |

802.11 ac20-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 8000.034 | 65.56 | -17.20 | 48.36 | 68.20 | -19.84 | peak |
| 2 | 8000.034 | 47.46 | -17.20 | 30.26 | 54.00 | -23.74 | AVG |
| 3 | 9408.664 | 66.28 | -16.26 | 50.02 | 68.20 | -18.18 | peak |
| 4 | 9408.664 | 48.41 | -16.26 | 32.15 | 54.00 | -21.85 | AVG |
| 5 | 11523.201 | 65.19 | -15.52 | 49.67 | 68.20 | -18.53 | peak |
| 6 | 11523.201 | 47.04 | -15.52 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 12715.632 | 67.94 | -14.99 | 52.95 | 68.20 | -15.25 | peak |
| 8 | 12715.632 | 49.51 | -14.99 | 34.52 | 54.00 | -19.48 | AVG |
| 9 | 14782.331 | 67.06 | -14.72 | 52.34 | 68.20 | -15.86 | peak |
| 10 | 14782.331 | 50.36 | -14.72 | 35.64 | 54.00 | -18.36 | AVG |
| 11 | 15394.016 | 67.77 | -15.09 | 52.68 | 68.20 | -15.52 | peak |
| 12 | 15394.016 | 49.34 | -15.09 | 34.25 | 54.00 | -19.75 | AVG |

802.11 ac20-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6345.543 | 64.92 | -19.07 | 45.85 | 68.20 | -22.35 | peak |
| 2 | 6345.543 | 47.48 | -19.07 | 28.41 | 54.00 | -25.59 | AVG |
| 3 | 7637.782 | 65.11 | -17.66 | 47.45 | 68.20 | -20.75 | peak |
| 4 | 7637.782 | 47.81 | -17.66 | 30.15 | 54.00 | -23.85 | AVG |
| 5 | 9408.664 | 64.96 | -16.26 | 48.70 | 68.20 | -19.50 | peak |
| 6 | 9408.664 | 47.78 | -16.26 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 11523.201 | 64.69 | -15.52 | 49.17 | 68.20 | -19.03 | peak |
| 8 | 11523.201 | 47.67 | -15.52 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 12715.632 | 66.71 | -14.99 | 51.72 | 68.20 | -16.48 | peak |
| 10 | 12715.632 | 48.54 | -14.99 | 33.55 | 54.00 | -20.45 | AVG |
| 11 | 14782.331 | 66.63 | -14.72 | 51.91 | 68.20 | -16.29 | peak |
| 12 | 14782.331 | 48.72 | -14.72 | 34.00 | 54.00 | -20.00 | AVG |



802.11 ac20-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7249.817 | 65.11 | -17.90 | 47.21 | 68.20 | -20.99 | peak |
| 2 | 7249.817 | 47.20 | -17.90 | 29.30 | 54.00 | -24.70 | AVG |
| 3 | 8879.167 | 66.09 | -16.73 | 49.36 | 68.20 | -18.84 | peak |
| 4 | 8879.167 | 48.25 | -16.73 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 10625.639 | 66.51 | -16.56 | 49.95 | 68.20 | -18.25 | peak |
| 6 | 10625.639 | 48.15 | -16.56 | 31.59 | 54.00 | -22.41 | AVG |
| 7 | 11930.719 | 66.31 | -14.67 | 51.64 | 68.20 | -16.56 | peak |
| 8 | 11930.719 | 47.93 | -14.67 | 33.26 | 54.00 | -20.74 | AVG |
| 9 | 14194.951 | 66.03 | -14.59 | 51.44 | 68.20 | -16.76 | peak |
| 10 | 14194.951 | 48.10 | -14.59 | 33.51 | 54.00 | -20.49 | AVG |
| 11 | 16217.807 | 67.17 | -14.89 | 52.28 | 68.20 | -15.92 | peak |
| 12 | 16217.807 | 50.37 | -14.89 | 35.48 | 54.00 | -18.52 | AVG |

802.11 ac20-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7207.945 | 67.53 | -18.05 | 49.48 | 68.20 | -18.72 | peak |
| 2 | 7207.945 | 49.25 | -18.05 | 31.20 | 54.00 | -22.80 | AVG |
| 3 | 8879.167 | 65.81 | -16.73 | 49.08 | 68.20 | -19.12 | peak |
| 4 | 8879.167 | 48.25 | -16.73 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 10687.365 | 66.29 | -16.63 | 49.66 | 68.20 | -18.54 | peak |
| 6 | 10687.365 | 47.88 | -16.63 | 31.25 | 54.00 | -22.75 | AVG |
| 7 | 11456.648 | 66.23 | -15.70 | 50.53 | 68.20 | -17.67 | peak |
| 8 | 11456.648 | 49.60 | -15.70 | 33.90 | 54.00 | -20.10 | AVG |
| 9 | 13396.092 | 67.49 | -15.18 | 52.31 | 68.20 | -15.89 | peak |
| 10 | 13396.092 | 49.96 | -15.18 | 34.78 | 54.00 | -19.22 | AVG |
| 11 | 14782.331 | 66.43 | -14.72 | 51.71 | 68.20 | -16.49 | peak |
| 12 | 14782.331 | 49.57 | -14.72 | 34.85 | 54.00 | -19.15 | AVG |

802.11 ac20-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6128.798 | 66.01 | -19.39 | 46.62 | 68.20 | -21.58 | peak |
| 2 | 6128.798 | 49.02 | -19.39 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 6763.011 | 65.72 | -18.39 | 47.33 | 68.20 | -20.87 | peak |
| 4 | 6763.011 | 48.02 | -18.39 | 29.63 | 54.00 | -24.37 | AVG |
| 5 | 7419.751 | 66.76 | -17.77 | 48.99 | 68.20 | -19.21 | peak |
| 6 | 7419.751 | 48.29 | -17.77 | 30.52 | 54.00 | -23.48 | AVG |
| 7 | 9408.664 | 66.68 | -16.26 | 50.42 | 68.20 | -17.78 | peak |
| 8 | 9408.664 | 48.41 | -16.26 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 12715.632 | 67.65 | -14.99 | 52.66 | 68.20 | -15.54 | peak |
| 10 | 12715.632 | 49.01 | -14.99 | 34.02 | 54.00 | -19.98 | AVG |
| 11 | 14782.331 | 66.90 | -14.72 | 52.18 | 68.20 | -16.02 | peak |
| 12 | 14782.331 | 50.20 | -14.72 | 35.48 | 54.00 | -18.52 | AVG |

**Band III:**

802.11 a-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 5885.269 | 64.27 | -19.82 | 44.45 | 68.20 | -23.75 | peak |
| 2 | 5885.269 | 46.17 | -19.82 | 26.35 | 54.00 | -27.65 | AVG |
| 3 | 8982.627 | 64.75 | -16.80 | 47.95 | 68.20 | -20.25 | peak |
| 4 | 8982.627 | 46.43 | -16.80 | 29.63 | 54.00 | -24.37 | AVG |
| 5 | 9969.738 | 64.48 | -16.44 | 48.04 | 68.20 | -20.16 | peak |
| 6 | 9969.738 | 46.65 | -16.44 | 30.21 | 54.00 | -23.79 | AVG |
| 7 | 12000.026 | 65.24 | -14.50 | 50.74 | 68.20 | -17.46 | peak |
| 8 | 12000.026 | 46.65 | -14.50 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 13630.910 | 65.95 | -15.10 | 50.85 | 68.20 | -17.35 | peak |
| 10 | 13630.910 | 48.76 | -15.10 | 33.66 | 54.00 | -20.34 | AVG |
| 11 | 14612.070 | 66.83 | -14.56 | 52.27 | 68.20 | -15.93 | peak |
| 12 | 14612.070 | 48.89 | -14.56 | 34.33 | 54.00 | -19.67 | AVG |

802.11 a-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 5885.269 | 64.92 | -19.82 | 45.10 | 68.20 | -23.10 | peak |
| 2 | 5885.269 | 48.97 | -19.82 | 29.15 | 54.00 | -24.85 | AVG |
| 3 | 7249.817 | 65.88 | -17.90 | 47.98 | 68.20 | -20.22 | peak |
| 4 | 7249.817 | 47.53 | -17.90 | 29.63 | 54.00 | -24.37 | AVG |
| 5 | 9193.178 | 65.72 | -16.59 | 49.13 | 68.20 | -19.07 | peak |
| 6 | 9193.178 | 47.85 | -16.59 | 31.26 | 54.00 | -22.74 | AVG |
| 7 | 10687.365 | 67.09 | -16.63 | 50.46 | 68.20 | -17.74 | peak |
| 8 | 10687.365 | 48.15 | -16.63 | 31.52 | 54.00 | -22.48 | AVG |
| 9 | 12715.632 | 68.14 | -14.99 | 53.15 | 68.20 | -15.05 | peak |
| 10 | 12715.632 | 49.57 | -14.99 | 34.58 | 54.00 | -19.42 | AVG |
| 11 | 14194.951 | 66.31 | -14.59 | 51.72 | 68.20 | -16.48 | peak |
| 12 | 14194.951 | 49.15 | -14.59 | 34.56 | 54.00 | -19.44 | AVG |

802.11 a-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 3878.331 | 66.91 | -23.64 | 43.27 | 68.20 | -24.93 | peak |
| 2 | 3878.331 | 49.27 | -23.64 | 25.63 | 54.00 | -28.37 | AVG |
| 3 | 7771.663 | 65.37 | -17.57 | 47.80 | 68.20 | -20.40 | peak |
| 4 | 7771.663 | 47.20 | -17.57 | 29.63 | 54.00 | -24.37 | AVG |
| 5 | 9193.178 | 65.51 | -16.59 | 48.92 | 68.20 | -19.28 | peak |
| 6 | 9193.178 | 46.80 | -16.59 | 30.21 | 54.00 | -23.79 | AVG |
| 7 | 10203.426 | 65.65 | -16.64 | 49.01 | 68.20 | -19.19 | peak |
| 8 | 10203.426 | 48.16 | -16.64 | 31.52 | 54.00 | -22.48 | AVG |
| 9 | 12715.632 | 66.89 | -14.99 | 51.90 | 68.20 | -16.30 | peak |
| 10 | 12715.632 | 48.68 | -14.99 | 33.69 | 54.00 | -20.31 | AVG |
| 11 | 14868.203 | 65.78 | -14.64 | 51.14 | 68.20 | -17.06 | peak |
| 12 | 14868.203 | 47.79 | -14.64 | 33.15 | 54.00 | -20.85 | AVG |



802.11 a-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6236.229 | 64.55 | -19.24 | 45.31 | 68.20 | -22.89 | peak |
| 2 | 6236.229 | 48.21 | -19.24 | 28.97 | 54.00 | -25.03 | AVG |
| 3 | 7419.751 | 64.40 | -17.77 | 46.63 | 68.20 | -21.57 | peak |
| 4 | 7419.751 | 47.08 | -17.77 | 29.31 | 54.00 | -24.69 | AVG |
| 5 | 8879.167 | 66.57 | -16.73 | 49.84 | 68.20 | -18.36 | peak |
| 6 | 8879.167 | 49.42 | -16.73 | 32.69 | 54.00 | -21.31 | AVG |
| 7 | 10687.365 | 66.35 | -16.63 | 49.72 | 68.20 | -18.48 | peak |
| 8 | 10687.365 | 48.25 | -16.63 | 31.62 | 54.00 | -22.38 | AVG |
| 9 | 12715.632 | 68.44 | -14.99 | 53.45 | 68.20 | -14.75 | peak |
| 10 | 12715.632 | 49.51 | -14.99 | 34.52 | 54.00 | -19.48 | AVG |
| 11 | 15216.711 | 65.96 | -14.73 | 51.23 | 68.20 | -16.97 | peak |
| 12 | 15216.711 | 48.38 | -14.73 | 33.65 | 54.00 | -20.35 | AVG |

802.11 a-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 3900.860 | 66.41 | -23.54 | 42.87 | 68.20 | -25.33 | peak |
| 2 | 3900.860 | 48.67 | -23.54 | 25.13 | 54.00 | -28.87 | AVG |
| 3 | 7207.945 | 64.20 | -18.05 | 46.15 | 68.20 | -22.05 | peak |
| 4 | 7207.945 | 45.53 | -18.05 | 27.48 | 54.00 | -26.52 | AVG |
| 5 | 8930.747 | 65.21 | -16.75 | 48.46 | 68.20 | -19.74 | peak |
| 6 | 8930.747 | 46.97 | -16.75 | 30.22 | 54.00 | -23.78 | AVG |
| 7 | 11129.603 | 65.99 | -16.44 | 49.55 | 68.20 | -18.65 | peak |
| 8 | 11129.603 | 48.03 | -16.44 | 31.59 | 54.00 | -22.41 | AVG |
| 9 | 12715.632 | 67.91 | -14.99 | 52.92 | 68.20 | -15.28 | peak |
| 10 | 12715.632 | 49.57 | -14.99 | 34.58 | 54.00 | -19.42 | AVG |
| 11 | 14612.070 | 66.89 | -14.56 | 52.33 | 68.20 | -15.87 | peak |
| 12 | 14612.070 | 48.72 | -14.56 | 34.16 | 54.00 | -19.84 | AVG |

802.11 a-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 5885.269 | 65.49 | -19.82 | 45.67 | 68.20 | -22.53 | peak |
| 2 | 5885.269 | 47.45 | -19.82 | 27.63 | 54.00 | -26.37 | AVG |
| 3 | 7419.751 | 67.19 | -17.77 | 49.42 | 68.20 | -18.78 | peak |
| 4 | 7419.751 | 48.03 | -17.77 | 30.26 | 54.00 | -23.74 | AVG |
| 5 | 8930.747 | 65.69 | -16.75 | 48.94 | 68.20 | -19.26 | peak |
| 6 | 8930.747 | 46.90 | -16.75 | 30.15 | 54.00 | -23.85 | AVG |
| 7 | 10687.365 | 66.87 | -16.63 | 50.24 | 68.20 | -17.96 | peak |
| 8 | 10687.365 | 48.78 | -16.63 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 12715.632 | 68.20 | -14.99 | 53.21 | 68.20 | -14.99 | peak |
| 10 | 12715.632 | 49.84 | -14.99 | 34.85 | 54.00 | -19.15 | AVG |
| 11 | 13950.416 | 67.53 | -14.74 | 52.79 | 68.20 | -15.41 | peak |
| 12 | 13950.416 | 49.59 | -14.74 | 34.85 | 54.00 | -19.15 | AVG |



802.11 n20-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 7249.817 | 65.83 | -17.90 | 47.93 | 68.20 | -20.27 | peak |
| 2 | 7249.817 | 47.52 | -17.90 | 29.62 | 54.00 | -24.38 | AVG |
| 3 | 9193.178 | 65.06 | -16.59 | 48.47 | 68.20 | -19.73 | peak |
| 4 | 9193.178 | 49.20 | -16.59 | 32.61 | 54.00 | -21.39 | AVG |
| 5 | 9969.738 | 65.98 | -16.44 | 49.54 | 68.20 | -18.66 | peak |
| 6 | 9969.738 | 48.06 | -16.44 | 31.62 | 54.00 | -22.38 | AVG |
| 7 | 11456.648 | 66.25 | -15.70 | 50.55 | 68.20 | -17.65 | peak |
| 8 | 11456.648 | 47.22 | -15.70 | 31.52 | 54.00 | -22.48 | AVG |
| 9 | 13165.319 | 68.15 | -15.37 | 52.78 | 68.20 | -15.42 | peak |
| 10 | 13165.319 | 49.63 | -15.37 | 34.26 | 54.00 | -19.74 | AVG |
| 11 | 7249.817 | 65.83 | -17.90 | 47.93 | 68.20 | -20.27 | peak |
| 12 | 7249.817 | 47.52 | -17.90 | 29.62 | 54.00 | -24.38 | AVG |

802.11 n20-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 7249.817 | 66.88 | -17.90 | 48.98 | 68.20 | -19.22 | peak |
| 2 | 7249.817 | 48.42 | -17.90 | 30.52 | 54.00 | -23.48 | AVG |
| 3 | 8331.072 | 65.63 | -17.13 | 48.50 | 68.20 | -19.70 | peak |
| 4 | 8331.072 | 48.39 | -17.13 | 31.26 | 54.00 | -22.74 | AVG |
| 5 | 9408.664 | 65.37 | -16.26 | 49.11 | 68.20 | -19.09 | peak |
| 6 | 9408.664 | 47.78 | -16.26 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 12069.735 | 66.35 | -14.56 | 51.79 | 68.20 | -16.41 | peak |
| 8 | 12069.735 | 48.41 | -14.56 | 33.85 | 54.00 | -20.15 | AVG |
| 9 | 12715.632 | 68.64 | -14.99 | 53.65 | 68.20 | -14.55 | peak |
| 10 | 12715.632 | 50.20 | -14.99 | 35.21 | 54.00 | -18.79 | AVG |
| 11 | 14782.331 | 67.62 | -14.72 | 52.90 | 68.20 | -15.30 | peak |
| 12 | 14782.331 | 49.34 | -14.72 | 34.62 | 54.00 | -19.38 | AVG |

802.11 n20-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 7419.751 | 66.55 | -17.77 | 48.78 | 68.20 | -19.42 | peak |
| 2 | 7419.751 | 47.40 | -17.77 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 9193.178 | 65.51 | -16.59 | 48.92 | 68.20 | -19.28 | peak |
| 4 | 9193.178 | 47.18 | -16.59 | 30.59 | 54.00 | -23.41 | AVG |
| 5 | 10687.365 | 65.68 | -16.63 | 49.05 | 68.20 | -19.15 | peak |
| 6 | 10687.365 | 48.15 | -16.63 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 11725.190 | 65.89 | -15.11 | 50.78 | 68.20 | -17.42 | peak |
| 8 | 11725.190 | 47.26 | -15.11 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 12715.632 | 67.39 | -14.99 | 52.40 | 68.20 | -15.80 | peak |
| 10 | 12715.632 | 50.25 | -14.99 | 35.26 | 54.00 | -18.74 | AVG |
| 11 | 14868.203 | 67.78 | -14.64 | 53.14 | 68.20 | -15.06 | peak |
| 12 | 14868.203 | 50.10 | -14.64 | 35.46 | 54.00 | -18.54 | AVG |



802.11 n20-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 8000.034 | 65.06 | -17.20 | 47.86 | 68.20 | -20.34 | peak |
| 2 | 8000.034 | 46.83 | -17.20 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 8879.167 | 66.57 | -16.73 | 49.84 | 68.20 | -18.36 | peak |
| 4 | 8879.167 | 47.93 | -16.73 | 31.20 | 54.00 | -22.80 | AVG |
| 5 | 10811.895 | 65.96 | -16.65 | 49.31 | 68.20 | -18.89 | peak |
| 6 | 10811.895 | 48.21 | -16.65 | 31.56 | 54.00 | -22.44 | AVG |
| 7 | 12000.026 | 65.50 | -14.50 | 51.00 | 68.20 | -17.20 | peak |
| 8 | 12000.026 | 47.76 | -14.50 | 33.26 | 54.00 | -20.74 | AVG |
| 9 | 13165.319 | 66.92 | -15.37 | 51.55 | 68.20 | -16.65 | peak |
| 10 | 13165.319 | 48.89 | -15.37 | 33.52 | 54.00 | -20.48 | AVG |
| 11 | 15754.849 | 67.40 | -15.18 | 52.22 | 68.20 | -15.98 | peak |
| 12 | 15754.849 | 50.59 | -15.18 | 35.41 | 54.00 | -18.59 | AVG |

802.11 n20-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7334.292 | 65.26 | -17.86 | 47.40 | 68.20 | -20.80 | peak |
| 2 | 7334.292 | 47.49 | -17.86 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 8930.747 | 65.71 | -16.75 | 48.96 | 68.20 | -19.24 | peak |
| 4 | 8930.747 | 48.21 | -16.75 | 31.46 | 54.00 | -22.54 | AVG |
| 5 | 9854.908 | 65.63 | -16.40 | 49.23 | 68.20 | -18.97 | peak |
| 6 | 9854.908 | 47.92 | -16.40 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 11129.603 | 65.99 | -16.44 | 49.55 | 68.20 | -18.65 | peak |
| 8 | 11129.603 | 47.89 | -16.44 | 31.45 | 54.00 | -22.55 | AVG |
| 9 | 12715.632 | 68.41 | -14.99 | 53.42 | 68.20 | -14.78 | peak |
| 10 | 12715.632 | 49.84 | -14.99 | 34.85 | 54.00 | -19.15 | AVG |
| 11 | 14612.070 | 66.39 | -14.56 | 51.83 | 68.20 | -16.37 | peak |
| 12 | 14612.070 | 48.41 | -14.56 | 33.85 | 54.00 | -20.15 | AVG |

802.11 n20-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 66.19 | -17.77 | 48.42 | 68.20 | -19.78 | peak |
| 2 | 7419.751 | 49.29 | -17.77 | 31.52 | 54.00 | -22.48 | AVG |
| 3 | 8827.884 | 66.39 | -16.82 | 49.57 | 68.20 | -18.63 | peak |
| 4 | 8827.884 | 48.30 | -16.82 | 31.48 | 54.00 | -22.52 | AVG |
| 5 | 9408.664 | 66.50 | -16.26 | 50.24 | 68.20 | -17.96 | peak |
| 6 | 9408.664 | 47.78 | -16.26 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 11523.201 | 66.70 | -15.52 | 51.18 | 68.20 | -17.02 | peak |
| 8 | 11523.201 | 48.78 | -15.52 | 33.26 | 54.00 | -20.74 | AVG |
| 9 | 13165.319 | 67.50 | -15.37 | 52.13 | 68.20 | -16.07 | peak |
| 10 | 13165.319 | 50.33 | -15.37 | 34.96 | 54.00 | -19.04 | AVG |
| 11 | 13950.416 | 67.03 | -14.74 | 52.29 | 68.20 | -15.91 | peak |
| 12 | 13950.416 | 49.59 | -14.74 | 34.85 | 54.00 | -19.15 | AVG |



802.11 ac20-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 5885.269 | 65.77 | -19.82 | 45.95 | 68.20 | -22.25 | peak |
| 2 | 5885.269 | 47.46 | -19.82 | 27.64 | 54.00 | -26.36 | AVG |
| 3 | 7249.817 | 66.83 | -17.90 | 48.93 | 68.20 | -19.27 | peak |
| 4 | 7249.817 | 49.42 | -17.90 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 8982.627 | 66.25 | -16.80 | 49.45 | 68.20 | -18.75 | peak |
| 6 | 8982.627 | 48.95 | -16.80 | 32.15 | 54.00 | -21.85 | AVG |
| 7 | 9969.738 | 66.48 | -16.44 | 50.04 | 68.20 | -18.16 | peak |
| 8 | 9969.738 | 48.59 | -16.44 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 13165.319 | 67.15 | -15.37 | 51.78 | 68.20 | -16.42 | peak |
| 10 | 13165.319 | 49.33 | -15.37 | 33.96 | 54.00 | -20.04 | AVG |
| 11 | 14782.331 | 66.94 | -14.72 | 52.22 | 68.20 | -15.98 | peak |
| 12 | 14612.070 | 49.41 | -14.56 | 34.85 | 54.00 | -19.15 | AVG |

802.11 ac20-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6093.401 | 65.12 | -19.46 | 45.66 | 68.20 | -22.54 | peak |
| 2 | 6093.401 | 49.09 | -19.46 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 7249.817 | 66.38 | -17.90 | 48.48 | 68.20 | -19.72 | peak |
| 4 | 7249.817 | 49.10 | -17.90 | 31.20 | 54.00 | -22.80 | AVG |
| 5 | 9087.293 | 65.82 | -16.76 | 49.06 | 68.20 | -19.14 | peak |
| 6 | 9087.293 | 48.02 | -16.76 | 31.26 | 54.00 | -22.74 | AVG |
| 7 | 11523.201 | 64.74 | -15.52 | 49.22 | 68.20 | -18.98 | peak |
| 8 | 11523.201 | 46.78 | -15.52 | 31.26 | 54.00 | -22.74 | AVG |
| 9 | 12715.632 | 66.64 | -14.99 | 51.65 | 68.20 | -16.55 | peak |
| 10 | 12715.632 | 48.51 | -14.99 | 33.52 | 54.00 | -20.48 | AVG |
| 11 | 14782.331 | 67.12 | -14.72 | 52.40 | 68.20 | -15.80 | peak |
| 12 | 14782.331 | 50.46 | -14.72 | 35.74 | 54.00 | -18.26 | AVG |

802.11 ac20-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 64.36 | -18.39 | 45.97 | 68.20 | -22.23 | peak |
| 2 | 6763.011 | 48.04 | -18.39 | 29.65 | 54.00 | -24.35 | AVG |
| 3 | 7419.751 | 65.55 | -17.77 | 47.78 | 68.20 | -20.42 | peak |
| 4 | 7419.751 | 49.92 | -17.77 | 32.15 | 54.00 | -21.85 | AVG |
| 5 | 9193.178 | 65.51 | -16.59 | 48.92 | 68.20 | -19.28 | peak |
| 6 | 9193.178 | 46.74 | -16.59 | 30.15 | 54.00 | -23.85 | AVG |
| 7 | 11930.719 | 65.20 | -14.67 | 50.53 | 68.20 | -17.67 | peak |
| 8 | 11930.719 | 46.12 | -14.67 | 31.45 | 54.00 | -22.55 | AVG |
| 9 | 12715.632 | 66.89 | -14.99 | 51.90 | 68.20 | -16.30 | peak |
| 10 | 12715.632 | 47.95 | -14.99 | 32.96 | 54.00 | -21.04 | AVG |
| 11 | 13950.416 | 66.62 | -14.74 | 51.88 | 68.20 | -16.32 | peak |
| 12 | 13950.416 | 48.70 | -14.74 | 33.96 | 54.00 | -20.04 | AVG |



802.11 ac20-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 64.51 | -18.39 | 46.12 | 68.20 | -22.08 | peak |
| 2 | 6763.011 | 47.71 | -18.39 | 29.32 | 54.00 | -24.68 | AVG |
| 3 | 8000.034 | 65.06 | -17.20 | 47.86 | 68.20 | -20.34 | peak |
| 4 | 8000.034 | 46.83 | -17.20 | 29.63 | 54.00 | -24.37 | AVG |
| 5 | 8879.167 | 66.57 | -16.73 | 49.84 | 68.20 | -18.36 | peak |
| 6 | 8879.167 | 48.15 | -16.73 | 31.42 | 54.00 | -22.58 | AVG |
| 7 | 9408.664 | 66.28 | -16.26 | 50.02 | 68.20 | -18.18 | peak |
| 8 | 9408.664 | 47.51 | -16.26 | 31.25 | 54.00 | -22.75 | AVG |
| 9 | 12000.026 | 65.50 | -14.50 | 51.00 | 68.20 | -17.20 | peak |
| 10 | 12000.026 | 49.35 | -14.50 | 34.85 | 54.00 | -19.15 | AVG |
| 11 | 12715.632 | 67.44 | -14.99 | 52.45 | 68.20 | -15.75 | peak |
| 12 | 12715.632 | 49.84 | -14.99 | 34.85 | 54.00 | -19.15 | AVG |

802.11 ac20-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6802.299 | 64.31 | -18.38 | 45.93 | 68.20 | -22.27 | peak |
| 2 | 6802.299 | 48.01 | -18.38 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 8930.747 | 65.71 | -16.75 | 48.96 | 68.20 | -19.24 | peak |
| 4 | 8930.747 | 47.30 | -16.75 | 30.55 | 54.00 | -23.45 | AVG |
| 5 | 9854.908 | 65.13 | -16.40 | 48.73 | 68.20 | -19.47 | peak |
| 6 | 9854.908 | 47.85 | -16.40 | 31.45 | 54.00 | -22.55 | AVG |
| 7 | 11725.190 | 64.25 | -15.11 | 49.14 | 68.20 | -19.06 | peak |
| 8 | 11725.190 | 46.67 | -15.11 | 31.56 | 54.00 | -22.44 | AVG |
| 9 | 12715.632 | 68.41 | -14.99 | 53.42 | 68.20 | -14.78 | peak |
| 10 | 12715.632 | 50.95 | -14.99 | 35.96 | 54.00 | -18.04 | AVG |
| 11 | 14612.070 | 66.89 | -14.56 | 52.33 | 68.20 | -15.87 | peak |
| 12 | 14612.070 | 49.41 | -14.56 | 34.85 | 54.00 | -19.15 | AVG |

802.11 ac20-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 66.19 | -17.77 | 48.42 | 68.20 | -19.78 | peak |
| 2 | 7419.751 | 49.03 | -17.77 | 31.26 | 54.00 | -22.74 | AVG |
| 3 | 9408.664 | 66.00 | -16.26 | 49.74 | 68.20 | -18.46 | peak |
| 4 | 9408.664 | 47.78 | -16.26 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 11930.719 | 66.13 | -14.67 | 51.46 | 68.20 | -16.74 | peak |
| 6 | 11930.719 | 47.36 | -14.67 | 32.69 | 54.00 | -21.31 | AVG |
| 7 | 12715.632 | 68.20 | -14.99 | 53.21 | 68.20 | -14.99 | peak |
| 8 | 12715.632 | 50.40 | -14.99 | 35.41 | 54.00 | -18.59 | AVG |
| 9 | 13950.416 | 66.53 | -14.74 | 51.79 | 68.20 | -16.41 | peak |
| 10 | 13950.416 | 48.26 | -14.74 | 33.52 | 54.00 | -20.48 | AVG |
| 11 | 16217.807 | 66.93 | -14.89 | 52.04 | 68.20 | -16.16 | peak |
| 12 | 16217.807 | 50.87 | -14.89 | 35.98 | 54.00 | -18.02 | AVG |



Band IV:

802.11 a-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 5953.844 | 66.63 | -19.69 | 46.94 | 68.20 | -21.26 | peak |
| 2 | 5953.844 | 48.00 | -19.69 | 28.31 | 54.00 | -25.69 | AVG |
| 3 | 7419.751 | 65.86 | -17.77 | 48.09 | 68.20 | -20.11 | peak |
| 4 | 7419.751 | 48.00 | -17.77 | 30.23 | 54.00 | -23.77 | AVG |
| 5 | 8879.167 | 65.81 | -16.73 | 49.08 | 68.20 | -19.12 | peak |
| 6 | 8879.167 | 46.99 | -16.73 | 30.26 | 54.00 | -23.74 | AVG |
| 7 | 10687.365 | 66.29 | -16.63 | 49.66 | 68.20 | -18.54 | peak |
| 8 | 10687.365 | 46.78 | -16.63 | 30.15 | 54.00 | -23.85 | AVG |
| 9 | 12715.632 | 67.33 | -14.99 | 52.34 | 68.20 | -15.86 | peak |
| 10 | 12715.632 | 49.20 | -14.99 | 34.21 | 54.00 | -19.79 | AVG |
| 11 | 14782.331 | 67.43 | -14.72 | 52.71 | 68.20 | -15.49 | peak |
| 12 | 14782.331 | 49.57 | -14.72 | 34.85 | 54.00 | -19.15 | AVG |

802.11 a-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6128.798 | 65.51 | -19.39 | 46.12 | 68.20 | -22.08 | peak |
| 2 | 6128.798 | 48.35 | -19.39 | 28.96 | 54.00 | -25.04 | AVG |
| 3 | 6763.011 | 65.22 | -18.39 | 46.83 | 68.20 | -21.37 | peak |
| 4 | 6763.011 | 47.70 | -18.39 | 29.31 | 54.00 | -24.69 | AVG |
| 5 | 7419.751 | 66.76 | -17.77 | 48.99 | 68.20 | -19.21 | peak |
| 6 | 7419.751 | 47.99 | -17.77 | 30.22 | 54.00 | -23.78 | AVG |
| 7 | 9408.664 | 65.68 | -16.26 | 49.42 | 68.20 | -18.78 | peak |
| 8 | 9408.664 | 47.52 | -16.26 | 31.26 | 54.00 | -22.74 | AVG |
| 9 | 12715.632 | 68.15 | -14.99 | 53.16 | 68.20 | -15.04 | peak |
| 10 | 12715.632 | 49.25 | -14.99 | 34.26 | 54.00 | -19.74 | AVG |
| 11 | 14782.331 | 67.40 | -14.72 | 52.68 | 68.20 | -15.52 | peak |
| 12 | 14782.331 | 50.13 | -14.72 | 35.41 | 54.00 | -18.59 | AVG |

802.11 a-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 5988.431 | 65.31 | -19.62 | 45.69 | 68.20 | -22.51 | peak |
| 2 | 5988.431 | 47.24 | -19.62 | 27.62 | 54.00 | -26.38 | AVG |
| 3 | 7249.817 | 66.83 | -17.90 | 48.93 | 68.20 | -19.27 | peak |
| 4 | 7249.817 | 48.05 | -17.90 | 30.15 | 54.00 | -23.85 | AVG |
| 5 | 9969.738 | 65.48 | -16.44 | 49.04 | 68.20 | -19.16 | peak |
| 6 | 9969.738 | 47.66 | -16.44 | 31.22 | 54.00 | -22.78 | AVG |
| 7 | 12000.026 | 66.24 | -14.50 | 51.74 | 68.20 | -16.46 | peak |
| 8 | 12000.026 | 48.12 | -14.50 | 33.62 | 54.00 | -20.38 | AVG |
| 9 | 13165.319 | 68.15 | -15.37 | 52.78 | 68.20 | -15.42 | peak |
| 10 | 13165.319 | 49.95 | -15.37 | 34.58 | 54.00 | -19.42 | AVG |
| 11 | 14782.331 | 67.44 | -14.72 | 52.72 | 68.20 | -15.48 | peak |
| 12 | 14782.331 | 49.68 | -14.72 | 34.96 | 54.00 | -19.04 | AVG |



802.11 a-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6308.894 | 65.03 | -19.16 | 45.87 | 68.20 | -22.33 | peak |
| 2 | 6308.894 | 46.75 | -19.16 | 27.59 | 54.00 | -26.41 | AVG |
| 3 | 7249.817 | 67.38 | -17.90 | 49.48 | 68.20 | -18.72 | peak |
| 4 | 7249.817 | 49.10 | -17.90 | 31.20 | 54.00 | -22.80 | AVG |
| 5 | 9408.664 | 65.37 | -16.26 | 49.11 | 68.20 | -19.09 | peak |
| 6 | 9408.664 | 47.84 | -16.26 | 31.58 | 54.00 | -22.42 | AVG |
| 7 | 12069.735 | 66.35 | -14.56 | 51.79 | 68.20 | -16.41 | peak |
| 8 | 12069.735 | 48.18 | -14.56 | 33.62 | 54.00 | -20.38 | AVG |
| 9 | 12715.632 | 67.14 | -14.99 | 52.15 | 68.20 | -16.05 | peak |
| 10 | 12715.632 | 49.68 | -14.99 | 34.69 | 54.00 | -19.31 | AVG |
| 11 | 14782.331 | 67.12 | -14.72 | 52.40 | 68.20 | -15.80 | peak |
| 12 | 14782.331 | 48.98 | -14.72 | 34.26 | 54.00 | -19.74 | AVG |

802.11 a-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6723.951 | 64.84 | -18.51 | 46.33 | 68.20 | -21.87 | peak |
| 2 | 6723.951 | 48.77 | -18.51 | 30.26 | 54.00 | -23.74 | AVG |
| 3 | 7419.751 | 66.05 | -17.77 | 48.28 | 68.20 | -19.92 | peak |
| 4 | 7419.751 | 47.79 | -17.77 | 30.02 | 54.00 | -23.98 | AVG |
| 5 | 9193.178 | 65.51 | -16.59 | 48.92 | 68.20 | -19.28 | peak |
| 6 | 9193.178 | 47.44 | -16.59 | 30.85 | 54.00 | -23.15 | AVG |
| 7 | 11930.719 | 65.20 | -14.67 | 50.53 | 68.20 | -17.67 | peak |
| 8 | 11930.719 | 47.88 | -14.67 | 33.21 | 54.00 | -20.79 | AVG |
| 9 | 12715.632 | 66.89 | -14.99 | 51.90 | 68.20 | -16.30 | peak |
| 10 | 12715.632 | 48.21 | -14.99 | 33.22 | 54.00 | -20.78 | AVG |
| 11 | 14868.203 | 67.28 | -14.64 | 52.64 | 68.20 | -15.56 | peak |
| 12 | 14868.203 | 50.12 | -14.64 | 35.48 | 54.00 | -18.52 | AVG |

802.11 a-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6802.299 | 65.35 | -18.38 | 46.97 | 68.20 | -21.23 | peak |
| 2 | 6802.299 | 47.34 | -18.38 | 28.96 | 54.00 | -25.04 | AVG |
| 3 | 8879.167 | 66.07 | -16.73 | 49.34 | 68.20 | -18.86 | peak |
| 4 | 8879.167 | 47.99 | -16.73 | 31.26 | 54.00 | -22.74 | AVG |
| 5 | 12000.026 | 66.00 | -14.50 | 51.50 | 68.20 | -16.70 | peak |
| 6 | 12000.026 | 47.75 | -14.50 | 33.25 | 54.00 | -20.75 | AVG |
| 7 | 12715.632 | 67.94 | -14.99 | 52.95 | 68.20 | -15.25 | peak |
| 8 | 12715.632 | 49.14 | -14.99 | 34.15 | 54.00 | -19.85 | AVG |
| 9 | 13396.092 | 67.56 | -15.18 | 52.38 | 68.20 | -15.82 | peak |
| 10 | 13396.092 | 50.59 | -15.18 | 35.41 | 54.00 | -18.59 | AVG |
| 11 | 14194.951 | 66.34 | -14.59 | 51.75 | 68.20 | -16.45 | peak |
| 12 | 14194.951 | 48.55 | -14.59 | 33.96 | 54.00 | -20.04 | AVG |



802.11 n20-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7207.945 | 66.53 | -18.05 | 48.48 | 68.20 | -19.72 | peak |
| 2 | 7207.945 | 49.57 | -18.05 | 31.52 | 54.00 | -22.48 | AVG |
| 3 | 8331.072 | 64.91 | -17.13 | 47.78 | 68.20 | -20.42 | peak |
| 4 | 8331.072 | 47.98 | -17.13 | 30.85 | 54.00 | -23.15 | AVG |
| 5 | 8879.167 | 65.81 | -16.73 | 49.08 | 68.20 | -19.12 | peak |
| 6 | 8879.167 | 48.25 | -16.73 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 10687.365 | 66.29 | -16.63 | 49.66 | 68.20 | -18.54 | peak |
| 8 | 10687.365 | 48.22 | -16.63 | 31.59 | 54.00 | -22.41 | AVG |
| 9 | 12715.632 | 67.33 | -14.99 | 52.34 | 68.20 | -15.86 | peak |
| 10 | 12715.632 | 49.58 | -14.99 | 34.59 | 54.00 | -19.41 | AVG |
| 11 | 14782.331 | 66.93 | -14.72 | 52.21 | 68.20 | -15.99 | peak |
| 12 | 14782.331 | 49.61 | -14.72 | 34.89 | 54.00 | -19.11 | AVG |

802.11 n20-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 66.22 | -18.39 | 47.83 | 68.20 | -20.37 | peak |
| 2 | 6763.011 | 49.91 | -18.39 | 31.52 | 54.00 | -22.48 | AVG |
| 3 | 7419.751 | 66.76 | -17.77 | 48.99 | 68.20 | -19.21 | peak |
| 4 | 7419.751 | 49.33 | -17.77 | 31.56 | 54.00 | -22.44 | AVG |
| 5 | 9087.293 | 66.33 | -16.76 | 49.57 | 68.20 | -18.63 | peak |
| 6 | 9087.293 | 48.28 | -16.76 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 9912.157 | 66.15 | -16.33 | 49.82 | 68.20 | -18.38 | peak |
| 8 | 9912.157 | 47.59 | -16.33 | 31.26 | 54.00 | -22.74 | AVG |
| 9 | 12715.632 | 67.65 | -14.99 | 52.66 | 68.20 | -15.54 | peak |
| 10 | 12715.632 | 49.51 | -14.99 | 34.52 | 54.00 | -19.48 | AVG |
| 11 | 14782.331 | 66.40 | -14.72 | 51.68 | 68.20 | -16.52 | peak |
| 12 | 14782.331 | 48.57 | -14.72 | 33.85 | 54.00 | -20.15 | AVG |

802.11 n20-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 64.83 | -18.39 | 46.44 | 68.20 | -21.76 | peak |
| 2 | 6763.011 | 48.23 | -18.39 | 29.84 | 54.00 | -24.16 | AVG |
| 3 | 7249.817 | 65.83 | -17.90 | 47.93 | 68.20 | -20.27 | peak |
| 4 | 7249.817 | 48.92 | -17.90 | 31.02 | 54.00 | -22.98 | AVG |
| 5 | 8982.627 | 64.75 | -16.80 | 47.95 | 68.20 | -20.25 | peak |
| 6 | 8982.627 | 46.95 | -16.80 | 30.15 | 54.00 | -23.85 | AVG |
| 7 | 12000.026 | 66.24 | -14.50 | 51.74 | 68.20 | -16.46 | peak |
| 8 | 12000.026 | 47.76 | -14.50 | 33.26 | 54.00 | -20.74 | AVG |
| 9 | 13165.319 | 67.65 | -15.37 | 52.28 | 68.20 | -15.92 | peak |
| 10 | 13165.319 | 50.22 | -15.37 | 34.85 | 54.00 | -19.15 | AVG |
| 11 | 14612.070 | 66.83 | -14.56 | 52.27 | 68.20 | -15.93 | peak |
| 12 | 14612.070 | 49.41 | -14.56 | 34.85 | 54.00 | -19.15 | AVG |



802.11 n20-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6308.894 | 66.03 | -19.16 | 46.87 | 68.20 | -21.33 | peak |
| 2 | 6308.894 | 48.79 | -19.16 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 7249.817 | 66.88 | -17.90 | 48.98 | 68.20 | -19.22 | peak |
| 4 | 7249.817 | 48.05 | -17.90 | 30.15 | 54.00 | -23.85 | AVG |
| 5 | 8827.884 | 66.19 | -16.82 | 49.37 | 68.20 | -18.83 | peak |
| 6 | 8879.167 | 48.25 | -16.73 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 9408.664 | 65.87 | -16.26 | 49.61 | 68.20 | -18.59 | peak |
| 8 | 9408.664 | 48.11 | -16.26 | 31.85 | 54.00 | -22.15 | AVG |
| 9 | 12715.632 | 67.64 | -14.99 | 52.65 | 68.20 | -15.55 | peak |
| 10 | 12715.632 | 49.51 | -14.99 | 34.52 | 54.00 | -19.48 | AVG |
| 11 | 13630.910 | 66.98 | -15.10 | 51.88 | 68.20 | -16.32 | peak |
| 12 | 13630.910 | 48.62 | -15.10 | 33.52 | 54.00 | -20.48 | AVG |

802.11 n20-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 66.55 | -17.77 | 48.78 | 68.20 | -19.42 | peak |
| 2 | 7419.751 | 49.03 | -17.77 | 31.26 | 54.00 | -22.74 | AVG |
| 3 | 9193.178 | 66.01 | -16.59 | 49.42 | 68.20 | -18.78 | peak |
| 4 | 9193.178 | 48.44 | -16.59 | 31.85 | 54.00 | -22.15 | AVG |
| 5 | 9969.738 | 65.61 | -16.44 | 49.17 | 68.20 | -19.03 | peak |
| 6 | 9969.738 | 47.96 | -16.44 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 11930.719 | 66.20 | -14.67 | 51.53 | 68.20 | -16.67 | peak |
| 8 | 11930.719 | 46.82 | -14.67 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 12715.632 | 67.89 | -14.99 | 52.90 | 68.20 | -15.30 | peak |
| 10 | 12715.632 | 49.84 | -14.99 | 34.85 | 54.00 | -19.15 | AVG |
| 11 | 14868.203 | 68.28 | -14.64 | 53.64 | 68.20 | -14.56 | peak |
| 12 | 14868.203 | 50.60 | -14.64 | 35.96 | 54.00 | -18.04 | AVG |

802.11 n20-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 7419.751 | 64.90 | -17.77 | 47.13 | 68.20 | -21.07 | peak |
| 2 | 7419.751 | 48.90 | -17.77 | 31.13 | 54.00 | -22.87 | AVG |
| 3 | 9408.664 | 65.28 | -16.26 | 49.02 | 68.20 | -19.18 | peak |
| 4 | 9408.664 | 47.78 | -16.26 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 11523.201 | 65.69 | -15.52 | 50.17 | 68.20 | -18.03 | peak |
| 6 | 11523.201 | 48.08 | -15.52 | 32.56 | 54.00 | -21.44 | AVG |
| 7 | 12715.632 | 68.44 | -14.99 | 53.45 | 68.20 | -14.75 | peak |
| 8 | 12715.632 | 50.47 | -14.99 | 35.48 | 54.00 | -18.52 | AVG |
| 9 | 13396.092 | 67.06 | -15.18 | 51.88 | 68.20 | -16.32 | peak |
| 10 | 13396.092 | 48.80 | -15.18 | 33.62 | 54.00 | -20.38 | AVG |
| 11 | 15394.016 | 67.77 | -15.09 | 52.68 | 68.20 | -15.52 | peak |
| 12 | 15394.016 | 50.57 | -15.09 | 35.48 | 54.00 | -18.52 | AVG |



802.11 ac20-Low Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6456.773 | 65.19 | -18.99 | 46.20 | 68.20 | -22.00 | peak |
| 2 | 6456.773 | 50.51 | -18.99 | 31.52 | 54.00 | -22.48 | AVG |
| 3 | 7207.945 | 67.03 | -18.05 | 48.98 | 68.20 | -19.22 | peak |
| 4 | 7207.945 | 48.20 | -18.05 | 30.15 | 54.00 | -23.85 | AVG |
| 5 | 8879.167 | 66.31 | -16.73 | 49.58 | 68.20 | -18.62 | peak |
| 6 | 8879.167 | 49.69 | -16.73 | 32.96 | 54.00 | -21.04 | AVG |
| 7 | 10687.365 | 66.29 | -16.63 | 49.66 | 68.20 | -18.54 | peak |
| 8 | 10687.365 | 48.45 | -16.63 | 31.82 | 54.00 | -22.18 | AVG |
| 9 | 12715.632 | 66.33 | -14.99 | 51.34 | 68.20 | -16.86 | peak |
| 10 | 12715.632 | 48.25 | -14.99 | 33.26 | 54.00 | -20.74 | AVG |
| 11 | 14782.331 | 65.43 | -14.72 | 50.71 | 68.20 | -17.49 | peak |
| 12 | 14782.331 | 48.65 | -14.72 | 33.93 | 54.00 | -20.07 | AVG |

802.11 ac20-Low Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6763.011 | 65.72 | -18.39 | 47.33 | 68.20 | -20.87 | peak |
| 2 | 6763.011 | 49.41 | -18.39 | 31.02 | 54.00 | -22.98 | AVG |
| 3 | 7419.751 | 67.26 | -17.77 | 49.49 | 68.20 | -18.71 | peak |
| 4 | 7419.751 | 49.62 | -17.77 | 31.85 | 54.00 | -22.15 | AVG |
| 5 | 9408.664 | 65.18 | -16.26 | 48.92 | 68.20 | -19.28 | peak |
| 6 | 9408.664 | 47.22 | -16.26 | 30.96 | 54.00 | -23.04 | AVG |
| 7 | 11456.648 | 64.82 | -15.70 | 49.12 | 68.20 | -19.08 | peak |
| 8 | 11456.648 | 47.29 | -15.70 | 31.59 | 54.00 | -22.41 | AVG |
| 9 | 13165.319 | 66.15 | -15.37 | 50.78 | 68.20 | -17.42 | peak |
| 10 | 13165.319 | 47.23 | -15.37 | 31.86 | 54.00 | -22.14 | AVG |
| 11 | 14782.331 | 66.40 | -14.72 | 51.68 | 68.20 | -16.52 | peak |
| 12 | 14782.331 | 49.57 | -14.72 | 34.85 | 54.00 | -19.15 | AVG |

802.11 ac20-Middle Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6345.543 | 64.94 | -19.07 | 45.87 | 68.20 | -22.33 | peak |
| 2 | 6345.543 | 48.59 | -19.07 | 29.52 | 54.00 | -24.48 | AVG |
| 3 | 7249.817 | 66.33 | -17.90 | 48.43 | 68.20 | -19.77 | peak |
| 4 | 7249.817 | 49.42 | -17.90 | 31.52 | 54.00 | -22.48 | AVG |
| 5 | 10262.699 | 64.06 | -16.59 | 47.47 | 68.20 | -20.73 | peak |
| 6 | 10262.699 | 47.85 | -16.59 | 31.26 | 54.00 | -22.74 | AVG |
| 7 | 12000.026 | 65.24 | -14.50 | 50.74 | 68.20 | -17.46 | peak |
| 8 | 12000.026 | 46.65 | -14.50 | 32.15 | 54.00 | -21.85 | AVG |
| 9 | 13165.319 | 66.65 | -15.37 | 51.28 | 68.20 | -16.92 | peak |
| 10 | 13165.319 | 48.33 | -15.37 | 32.96 | 54.00 | -21.04 | AVG |
| 11 | 14612.070 | 66.33 | -14.56 | 51.77 | 68.20 | -16.43 | peak |
| 12 | 14612.070 | 48.25 | -14.56 | 33.69 | 54.00 | -20.31 | AVG |



802.11 ac20-Middle Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6093.401 | 65.62 | -19.46 | 46.16 | 68.20 | -22.04 | peak |
| 2 | 6093.401 | 48.77 | -19.46 | 29.31 | 54.00 | -24.69 | AVG |
| 3 | 7249.817 | 66.88 | -17.90 | 48.98 | 68.20 | -19.22 | peak |
| 4 | 7249.817 | 48.36 | -17.90 | 30.46 | 54.00 | -23.54 | AVG |
| 5 | 9408.664 | 65.37 | -16.26 | 49.11 | 68.20 | -19.09 | peak |
| 6 | 9408.664 | 47.51 | -16.26 | 31.25 | 54.00 | -22.75 | AVG |
| 7 | 11523.201 | 66.24 | -15.52 | 50.72 | 68.20 | -17.48 | peak |
| 8 | 11523.201 | 48.38 | -15.52 | 32.86 | 54.00 | -21.14 | AVG |
| 9 | 12715.632 | 68.64 | -14.99 | 53.65 | 68.20 | -14.55 | peak |
| 10 | 12715.632 | 50.81 | -14.99 | 35.82 | 54.00 | -18.18 | AVG |
| 11 | 14782.331 | 67.12 | -14.72 | 52.40 | 68.20 | -15.80 | peak |
| 12 | 14782.331 | 49.57 | -14.72 | 34.85 | 54.00 | -19.15 | AVG |

802.11 ac20-High Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 5004.148 | 68.50 | -22.09 | 46.41 | 68.20 | -21.79 | peak |
| 2 | 5004.148 | 51.72 | -22.09 | 29.63 | 54.00 | -24.37 | AVG |
| 3 | 7419.751 | 66.05 | -17.77 | 48.28 | 68.20 | -19.92 | peak |
| 4 | 7419.751 | 49.33 | -17.77 | 31.56 | 54.00 | -22.44 | AVG |
| 5 | 8282.955 | 65.99 | -17.16 | 48.83 | 68.20 | -19.37 | peak |
| 6 | 8282.955 | 47.28 | -17.16 | 30.12 | 54.00 | -23.88 | AVG |
| 7 | 9629.202 | 66.21 | -16.30 | 49.91 | 68.20 | -18.29 | peak |
| 8 | 9629.202 | 47.85 | -16.30 | 31.55 | 54.00 | -22.45 | AVG |
| 9 | 12715.632 | 66.39 | -14.99 | 51.40 | 68.20 | -16.80 | peak |
| 10 | 12715.632 | 48.26 | -14.99 | 33.27 | 54.00 | -20.73 | AVG |
| 11 | 14868.203 | 66.78 | -14.64 | 52.14 | 68.20 | -16.06 | peak |
| 12 | 14868.203 | 49.49 | -14.64 | 34.85 | 54.00 | -19.15 | AVG |

802.11 ac20-High Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------------|-----------------|----------------|-------------|--------|
| 1 | 6236.229 | 65.05 | -19.24 | 45.81 | 68.20 | -22.39 | peak |
| 2 | 6236.229 | 49.10 | -19.24 | 29.86 | 54.00 | -24.14 | AVG |
| 3 | 7419.751 | 65.40 | -17.77 | 47.63 | 68.20 | -20.57 | peak |
| 4 | 7419.751 | 47.42 | -17.77 | 29.65 | 54.00 | -24.35 | AVG |
| 5 | 8879.167 | 66.57 | -16.73 | 49.84 | 68.20 | -18.36 | peak |
| 6 | 8879.167 | 48.25 | -16.73 | 31.52 | 54.00 | -22.48 | AVG |
| 7 | 9408.664 | 66.78 | -16.26 | 50.52 | 68.20 | -17.68 | peak |
| 8 | 9408.664 | 47.91 | -16.26 | 31.65 | 54.00 | -22.35 | AVG |
| 9 | 12000.026 | 66.50 | -14.50 | 52.00 | 68.20 | -16.20 | peak |
| 10 | 12000.026 | 48.39 | -14.50 | 33.89 | 54.00 | -20.11 | AVG |
| 11 | 13396.092 | 66.56 | -15.18 | 51.38 | 68.20 | -16.82 | peak |
| 12 | 13396.092 | 49.14 | -15.18 | 33.96 | 54.00 | -19.15 | AVG |

Node:

- 1、 Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported..
- 2、 Radiated emissions measured in frequency above 1GHz were made with an instrument using peak/average detector mode.
- 3、 Average test would be performed if the peak result were greater than the average limit or as required by the applicant.
- 4、 Margin (dB), result in dBuV/m – limit in dBuV/m.

Restricted band Requirements

Band I 802.11a-Low

Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 4979.760 | 58.04 | -15.60 | 42.44 | 68.20 | -31.56 | peak |
| 2 | 4979.760 | 42.75 | -15.60 | 27.15 | 54.00 | -26.85 | AVG |
| 3 | 5150.000 | 55.36 | -14.86 | 40.50 | 68.20 | -33.50 | peak |
| 4 | 5150.000 | 40.20 | -14.86 | 25.34 | 54.00 | -28.66 | AVG |

Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 4926.453 | 57.53 | -15.68 | 41.85 | 68.20 | -32.15 | peak |
| 2 | 4926.453 | 42.27 | -15.68 | 26.59 | 54.00 | -27.41 | AVG |
| 3 | 5150.000 | 55.09 | -14.86 | 40.23 | 68.20 | -33.77 | peak |
| 4 | 5150.000 | 40.20 | -14.86 | 25.34 | 54.00 | -28.66 | AVG |

802.11a-High

Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 5350.000 | 57.10 | -14.21 | 42.89 | 68.20 | -25.31 | peak |
| 2 | 5350.000 | 40.95 | -14.21 | 26.74 | 54.00 | -27.26 | AVG |
| 3 | 5379.599 | 56.63 | -14.01 | 42.62 | 68.20 | -25.58 | peak |
| 4 | 5379.599 | 35.99 | -14.01 | 21.98 | 54.00 | -32.02 | AVG |

Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 5350.000 | 53.92 | -14.21 | 39.71 | 68.20 | -28.49 | peak |
| 2 | 5350.000 | 40.02 | -14.21 | 25.81 | 54.00 | -28.19 | AVG |
| 3 | 5391.182 | 57.42 | -13.93 | 43.49 | 68.20 | -24.71 | peak |
| 4 | 5391.182 | 38.24 | -13.93 | 24.31 | 54.00 | -29.69 | AVG |

802.11n20-Low

Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 4856.313 | 58.29 | -15.72 | 42.57 | 68.20 | -31.43 | peak |
| 2 | 4856.313 | 41.87 | -15.72 | 26.15 | 54.00 | -27.85 | AVG |
| 3 | 5150.000 | 56.11 | -14.86 | 41.25 | 68.20 | -32.75 | peak |
| 4 | 5150.000 | 40.20 | -14.86 | 25.34 | 54.00 | -28.66 | AVG |



Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 5063.928 | 58.33 | -15.33 | 43.00 | 68.20 | -31.00 | peak |
| 2 | 5063.928 | 42.49 | -15.33 | 27.16 | 54.00 | -26.84 | AVG |
| 3 | 5150.000 | 54.69 | -14.86 | 39.83 | 68.20 | -34.17 | peak |
| 4 | 5150.000 | 39.39 | -14.86 | 24.53 | 54.00 | -29.47 | AVG |

802.11n20-High

Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 5350.000 | 56.56 | -14.21 | 42.35 | 68.20 | -25.85 | peak |
| 2 | 5350.000 | 40.21 | -14.21 | 26.00 | 54.00 | -28.00 | AVG |
| 3 | 5388.797 | 56.71 | -13.94 | 42.77 | 68.20 | -25.43 | peak |
| 4 | 5388.797 | 36.59 | -13.94 | 22.65 | 54.00 | -31.35 | AVG |

Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 5350.000 | 56.95 | -14.21 | 42.74 | 68.20 | -25.46 | peak |
| 2 | 5350.000 | 40.33 | -14.21 | 26.12 | 54.00 | -27.88 | AVG |
| 3 | 5394.93 | 56.3 | -13.9 | 42.4 | 68.20 | -25.80 | peak |
| 4 | 5394.93 | 36.05 | -13.9 | 22.15 | 54.00 | -31.85 | AVG |

802.11ac20-Low

Horizontal

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 4968.537 | 57.56 | -15.60 | 41.96 | 68.20 | -32.04 | peak |
| 2 | 4968.537 | 41.56 | -15.60 | 25.96 | 54.00 | -28.04 | AVG |
| 3 | 5150.000 | 54.77 | -14.86 | 39.91 | 68.20 | -34.09 | peak |
| 4 | 5150.000 | 41.09 | -14.86 | 26.23 | 54.00 | -27.77 | AVG |

Vertical

| No. | Frequency (MHz) | Reading (dBuV) | Correct Factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------------|--------------------|-------------------|----------------|--------|
| 1 | 4983.968 | 57.65 | -15.61 | 42.04 | 68.20 | -31.96 | peak |
| 2 | 4983.968 | 41.76 | -15.61 | 26.15 | 54.00 | -27.85 | AVG |
| 3 | 5150.000 | 56.06 | -14.86 | 41.20 | 68.20 | -32.80 | peak |
| 4 | 5150.000 | 40.75 | -14.86 | 25.89 | 54.00 | -28.11 | AVG |