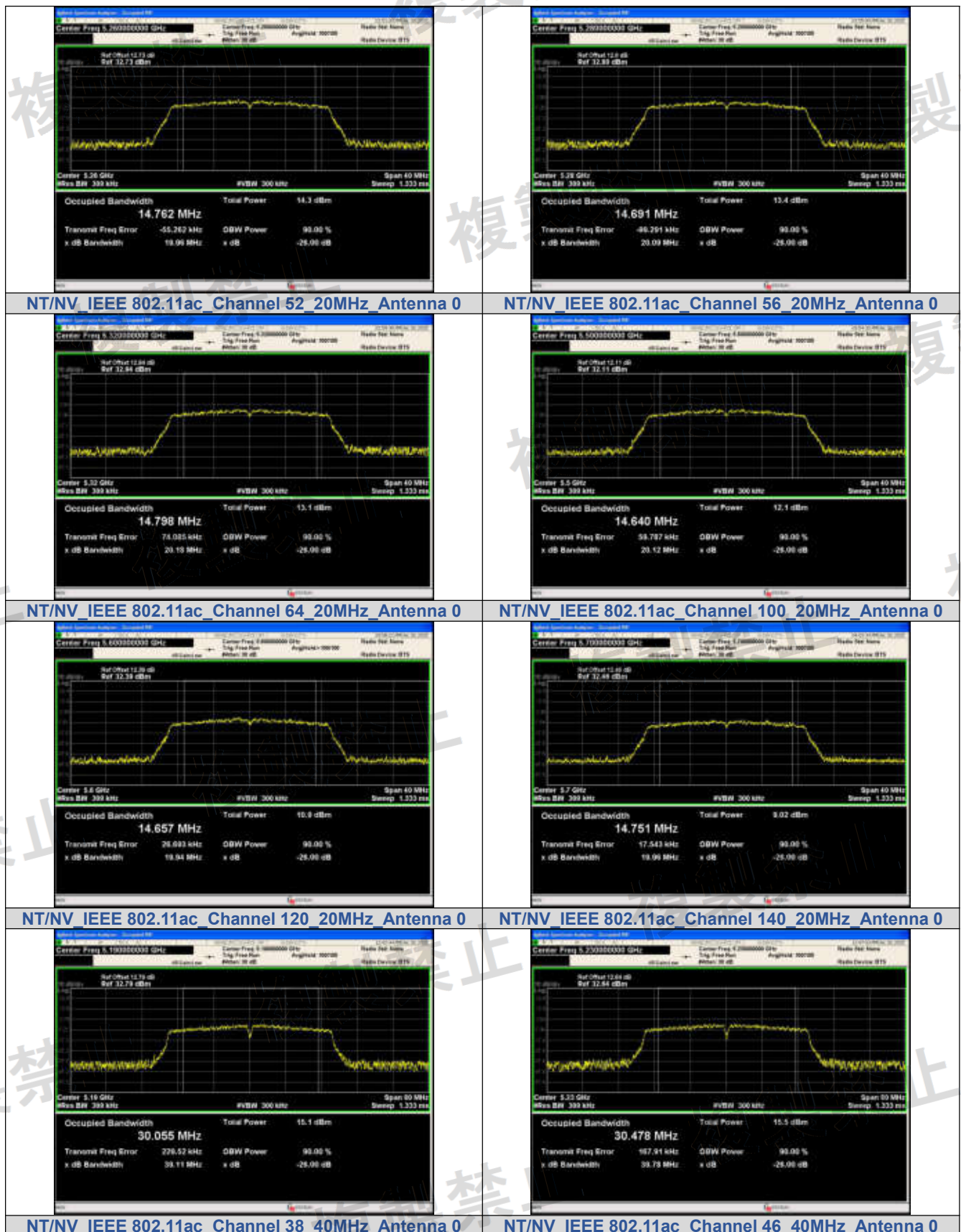
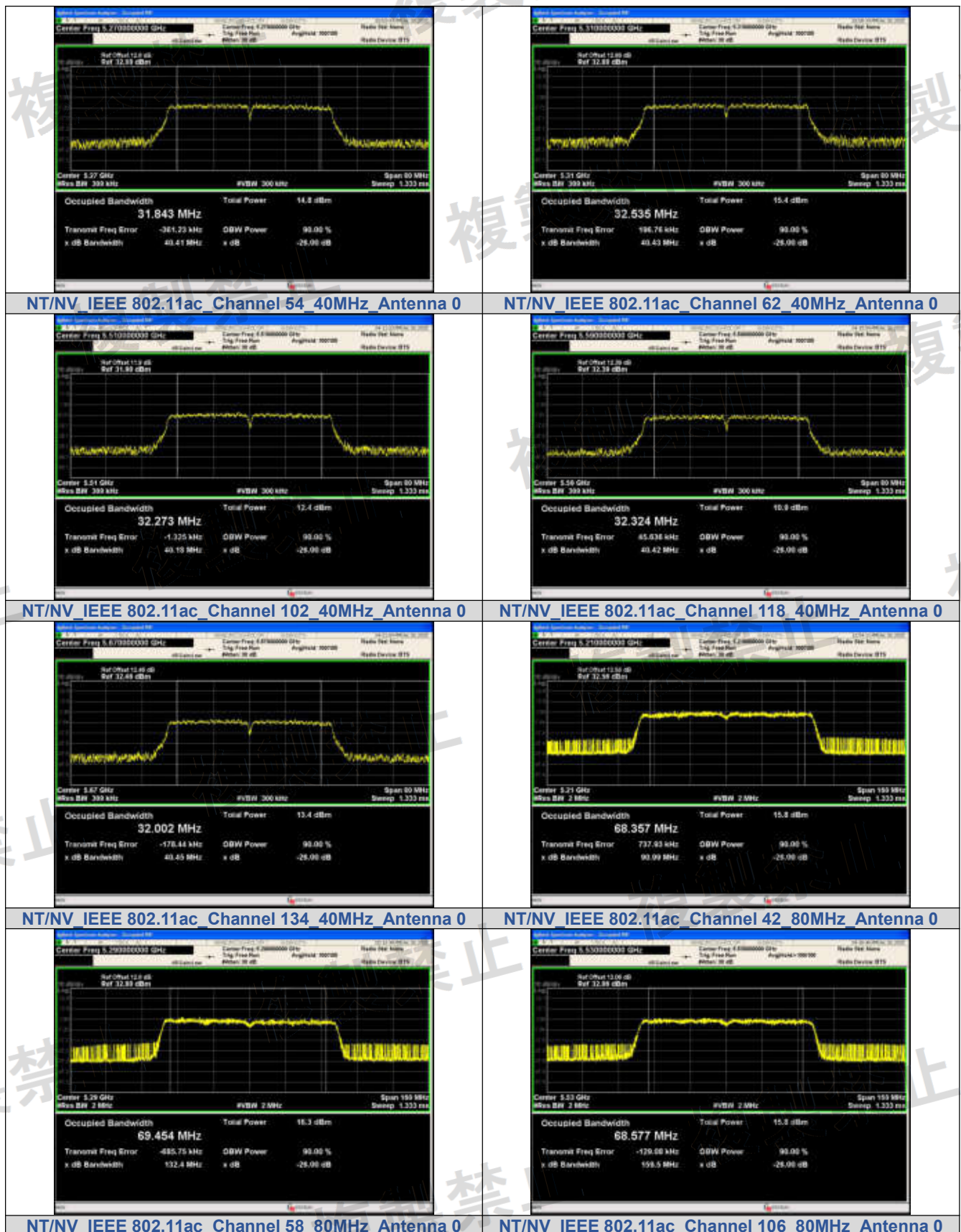






**APPENDIX V. Spurious Emissions****Test Result**

| Condition | Mode            | Channel | Frequency Range | Peak (MHz) | Ant. 0(uW/MHz) | Limit(uW/MHz) | Result |
|-----------|-----------------|---------|-----------------|------------|----------------|---------------|--------|
| NT/NV     | IEEE 802.11a    | 36      | 30-1000         | 813.4112   | -53.189        | -26.0206      | PASS   |
|           |                 |         | 1000-5142       | 5134.9582  | -33.938        | -26.0206      | PASS   |
|           |                 |         | 5266.7-26000    | 5268.7734  | -21.412        | -18.2391      | PASS   |
|           |                 | 40      | 30-1000         | 826.3128   | -52.211        | -26.0206      | PASS   |
|           |                 |         | 1000-5142       | 5133.5085  | -34.390        | -26.0206      | PASS   |
|           |                 |         | 5266.7-26000    | 5269.8102  | -20.478        | -18.2391      | PASS   |
|           |                 | 48      | 30-1000         | 494.4107   | -52.880        | -26.0206      | PASS   |
|           |                 |         | 1000-5142       | 5122.7387  | -35.030        | -26.0206      | PASS   |
|           |                 |         | 5266.7-26000    | 5266.7     | -20.260        | -18.2391      | PASS   |
|           |                 | 52      | 30-1000         | 369.614    | -53.184        | -26.0206      | PASS   |
|           |                 |         | 1000-5233.3     | 5215.0959  | -38.565        | -26.0206      | PASS   |
|           |                 |         | 5350-26000      | 25512.6356 | -27.370        | -26.0206      | PASS   |
|           |                 | 56      | 30-1000         | 837.7109   | -53.285        | -26.0206      | PASS   |
|           |                 |         | 1000-5233.3     | 5228.2198  | -38.306        | -26.0206      | PASS   |
|           |                 |         | 5350-26000      | 5355.1628  | -26.728        | -26.0206      | PASS   |
|           |                 | 64      | 30-1000         | 975.5063   | -52.757        | -26.0206      | PASS   |
|           |                 |         | 1000-5233.3     | 5231.3949  | -39.610        | -26.0206      | PASS   |
|           |                 |         | 5350-26000      | 5355.1628  | -26.411        | -26.0206      | PASS   |
|           |                 | 100     | 30-1000         | 933.0667   | -53.410        | -26.0206      | PASS   |
|           |                 |         | 1000-5460       | 5427.8864  | -30.601        | -26.0206      | PASS   |
|           |                 |         | 5765-26000      | 25455.6513 | -27.436        | -26.0206      | PASS   |
|           |                 | 120     | 30-1000         | 759.2825   | -53.398        | -26.0206      | PASS   |
|           |                 |         | 1000-5460       | 5454.4247  | -34.247        | -26.0206      | PASS   |
|           |                 |         | 5765-26000      | 5765.0     | -26.936        | -26.0206      | PASS   |
|           |                 | 140     | 30-1000         | 910.4645   | -52.720        | -26.0206      | PASS   |
|           |                 |         | 1000-5460       | 2502.6491  | -44.595        | -26.0206      | PASS   |
|           |                 |         | 5765-26000      | 25455.6513 | -27.970        | -26.0206      | PASS   |
|           | IEEE 802.11n_20 | 36      | 30-1000         | 847.9449   | -53.130        | -26.0206      | PASS   |
|           |                 |         | 1000-5142       | 5140.3431  | -30.964        | -26.0206      | PASS   |
|           |                 |         | 5266.7-26000    | 5267.7367  | -18.903        | -18.2391      | PASS   |
|           |                 | 40      | 30-1000         | 854.8322   | -51.876        | -26.0206      | PASS   |
|           |                 |         | 1000-5142       | 5126.6738  | -32.635        | -26.0206      | PASS   |
|           |                 |         | 5266.7-26000    | 5268.7734  | -18.547        | -18.2391      | PASS   |
|           |                 | 48      | 30-1000         | 655.7783   | -53.421        | -26.0206      | PASS   |
|           |                 |         | 1000-5142       | 5134.3369  | -39.187        | -26.0206      | PASS   |
|           |                 |         | 5266.7-26000    | 5266.7     | -24.120        | -18.2391      | PASS   |
|           |                 | 52      | 30-1000         | 410.6955   | -52.250        | -26.0206      | PASS   |
|           |                 |         | 1000-5233.3     | 5211.9208  | -38.702        | -26.0206      | PASS   |
|           |                 |         | 5350-26000      | 25438.2919 | -27.423        | -26.0206      | PASS   |
|           |                 | 56      | 30-1000         | 799.588    | -52.941        | -26.0206      | PASS   |
|           |                 |         | 1000-5233.3     | 5218.271   | -39.283        | -26.0206      | PASS   |
|           |                 |         | 5350-26000      | 25430.0315 | -27.044        | -26.0206      | PASS   |
|           |                 | 64      | 30-1000         | 821.0261   | -52.738        | -26.0206      | PASS   |
|           |                 |         | 1000-5233.3     | 5219.9644  | -40.981        | -26.0206      | PASS   |
|           |                 |         | 5350-26000      | 5353.0977  | -26.440        | -26.0206      | PASS   |
|           |                 | 100     | 30-1000         | 730.6175   | -52.094        | -26.0206      | PASS   |
|           |                 |         | 1000-5460       | 5447.7344  | -30.655        | -26.0206      | PASS   |
|           |                 |         | 5765-26000      | 25422.2619 | -27.430        | -26.0206      | PASS   |
|           |                 | 120     | 30-1000         | 747.8359   | -52.849        | -26.0206      | PASS   |
|           |                 |         | 1000-5460       | 5454.4247  | -34.389        | -26.0206      | PASS   |
|           |                 |         | 5765-26000      | 5766.0118  | -26.950        | -26.0206      | PASS   |
|           |                 | 140     | 30-1000         | 794.5437   | -53.038        | -26.0206      | PASS   |
|           |                 |         | 1000-5460       | 2524.5042  | -45.490        | -26.0206      | PASS   |
|           |                 |         | 5765-26000      | 25411.1321 | -28.040        | -26.0206      | PASS   |
|           | IEEE 802.11n_40 | 38      | 30-1000         | 907.5059   | -52.989        | -26.0206      | PASS   |
|           |                 |         | 1000-5141.6     | 5138.0795  | -39.263        | -26.0206      | PASS   |
|           |                 |         | 5278.4-         | 25466.3921 | -26.707        | -26.0206      | PASS   |

|                  |                  |              |              |              |           |          |          |      |
|------------------|------------------|--------------|--------------|--------------|-----------|----------|----------|------|
| IEEE 802.11ac_20 | 46               | 26000        |              |              |           |          |          |      |
|                  |                  | 30-1000      | 896.9808     | -52.786      | -26.0206  | PASS     |          |      |
|                  |                  | 1000-5141.6  | 5128.5533    | -39.293      | -26.0206  | PASS     |          |      |
|                  |                  | 5278.4-26000 | 5280.4723    | -27.071      | -26.0206  | PASS     |          |      |
|                  |                  | 54           | 30-1000      | 806.0873     | -52.941   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5221.6  | 5219.4891    | -39.397   | -26.0206 | PASS     |      |
|                  |                  |              | 5358.4-26000 | 25424.0706   | -26.967   | -26.0206 | PASS     |      |
|                  |                  | 62           | 30-1000      | 938.2079     | -53.170   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5221.6  | 5219.7002    | -42.187   | -26.0206 | PASS     |      |
|                  |                  |              | 5358.4-26000 | 5358.4       | -26.363   | -26.0206 | PASS     |      |
|                  |                  | 102          | 30-1000      | 865.8423     | -51.601   | -19.0309 | PASS     |      |
|                  |                  |              | 1000-5460    | 5454.4247    | -31.219   | -19.0309 | PASS     |      |
|                  |                  |              | 5770-26000   | 25968.6419   | -27.210   | -19.0309 | PASS     |      |
|                  |                  | 118          | 30-1000      | 511.3381     | -52.202   | -19.0309 | PASS     |      |
|                  |                  |              | 1000-5460    | 5453.5327    | -32.837   | -19.0309 | PASS     |      |
|                  |                  |              | 5770-26000   | 25336.4228   | -27.463   | -19.0309 | PASS     |      |
|                  |                  | 134          | 30-1000      | 724.0697     | -53.362   | -19.0309 | PASS     |      |
|                  |                  |              | 1000-5460    | 5453.9787    | -40.722   | -19.0309 | PASS     |      |
|                  |                  |              | 5770-26000   | 5770.0       | -21.837   | -19.0309 | PASS     |      |
|                  |                  | 36           | 30-1000      | 895.3318     | -52.527   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5142    | 5128.5378    | -31.655   | -26.0206 | PASS     |      |
|                  |                  |              | 5266.7-26000 | 5266.7       | -18.922   | -18.2391 | PASS     |      |
|                  |                  |              | 40           | 30-1000      | 863.3687  | -53.204  | -26.0206 | PASS |
|                  |                  |              |              | 1000-5142    | 5136.8222 | -31.841  | -26.0206 | PASS |
|                  |                  |              |              | 5266.7-26000 | 5270.8469 | -18.596  | -18.2391 | PASS |
|                  |                  |              | 48           | 30-1000      | 918.7584  | -52.678  | -26.0206 | PASS |
|                  |                  |              |              | 1000-5142    | 5082.7664 | -41.186  | -26.0206 | PASS |
|                  | 5266.7-26000     |              |              | 5270.8469    | -25.881   | -18.2391 | PASS     |      |
|                  | 52               |              | 30-1000      | 931.9511     | -53.261   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5233.3  | 5204.7238    | -39.854   | -26.0206 | PASS     |      |
|                  |                  |              | 5350-26000   | 25957.6654   | -26.953   | -26.0206 | PASS     |      |
|                  | 56               |              | 30-1000      | 988.3109     | -52.835   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5233.3  | 5233.0883    | -40.144   | -26.0206 | PASS     |      |
|                  |                  |              | 5350-26000   | 5353.0977    | -27.320   | -26.0206 | PASS     |      |
|                  | 64               |              | 30-1000      | 907.6999     | -53.034   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5233.3  | 5211.9208    | -40.493   | -26.0206 | PASS     |      |
|                  |                  |              | 5350-26000   | 5366.5208    | -26.642   | -26.0206 | PASS     |      |
|                  | 100              |              | 30-1000      | 783.9217     | -53.253   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5460    | 5447.7344    | -32.874   | -26.0206 | PASS     |      |
|                  |                  |              | 5765-26000   | 25404.0495   | -27.219   | -26.0206 | PASS     |      |
|                  | 120              |              | 30-1000      | 846.5383     | -53.154   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5460    | 5453.7557    | -37.739   | -26.0206 | PASS     |      |
|                  |                  |              | 5765-26000   | 25370.66     | -27.084   | -26.0206 | PASS     |      |
|                  | 140              |              | 30-1000      | 607.3729     | -52.449   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5460    | 3123.5122    | -44.678   | -26.0206 | PASS     |      |
|                  |                  |              | 5765-26000   | 25993.9292   | -27.440   | -26.0206 | PASS     |      |
|                  | IEEE 802.11ac_40 | 38           | 30-1000      | 895.5743     | -52.646   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5141.6  | 5139.5291    | -39.489   | -26.0206 | PASS     |      |
|                  |                  |              | 5278.4-26000 | 25487.1148   | -27.430   | -26.0206 | PASS     |      |
|                  |                  | 46           | 30-1000      | 511.7261     | -52.231   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5141.6  | 5138.7007    | -40.450   | -26.0206 | PASS     |      |
|                  |                  |              | 5278.4-26000 | 25458.1031   | -26.806   | -26.0206 | PASS     |      |
|                  |                  | 54           | 30-1000      | 484.6617     | -52.702   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5221.6  | 5197.3246    | -40.209   | -26.0206 | PASS     |      |
|                  |                  |              | 5358.4-26000 | 25439.5525   | -27.490   | -26.0206 | PASS     |      |
|                  |                  | 62           | 30-1000      | 903.9167     | -53.005   | -26.0206 | PASS     |      |
|                  |                  |              | 1000-5221.6  | 5216.1116    | -42.654   | -26.0206 | PASS     |      |
|                  |                  |              | 5358.4-26000 | 25444.7132   | -27.362   | -26.0206 | PASS     |      |
|                  |                  | 102          | 30-1000      | 857.2574     | -52.070   | -19.0309 | PASS     |      |

|                  |     |              |            |         |          |      |
|------------------|-----|--------------|------------|---------|----------|------|
| IEEE 802.11ac_80 | 118 | 1000-5460    | 5432.5696  | -31.120 | -19.0309 | PASS |
|                  |     | 5770-26000   | 25986.8498 | -27.452 | -19.0309 | PASS |
|                  |     | 30-1000      | 546.2598   | -53.291 | -19.0309 | PASS |
|                  |     | 1000-5460    | 5455.7628  | -36.647 | -19.0309 | PASS |
|                  |     | 5770-26000   | 25961.5611 | -27.439 | -19.0309 | PASS |
|                  | 134 | 30-1000      | 75.9318    | -52.741 | -19.0309 | PASS |
|                  |     | 1000-5460    | 5453.3097  | -39.924 | -19.0309 | PASS |
|                  |     | 5770-26000   | 5778.0924  | -22.117 | -19.0309 | PASS |
|                  | 42  | 30-1000      | 915.7998   | -53.095 | -26.0206 | PASS |
|                  |     | 1000-5123.2  | 5110.4174  | -40.166 | -26.0206 | PASS |
|                  |     | 5296.7-26000 | 25990.683  | -26.914 | -26.0206 | PASS |
|                  | 58  | 30-1000      | 844.3072   | -52.268 | -26.0206 | PASS |
|                  |     | 1000-5203.3  | 5195.1032  | -39.139 | -26.0206 | PASS |
|                  |     | 5376.8-26000 | 25444.177  | -26.901 | -26.0206 | PASS |
|                  | 106 | 30-1000      | 830.5325   | -53.007 | -19.0309 | PASS |
|                  |     | 1000-5460    | 5441.4901  | -29.207 | -19.0309 | PASS |
|                  |     | 5770-26000   | 25464.8897 | -27.232 | -19.0309 | PASS |

## Test Graphs

