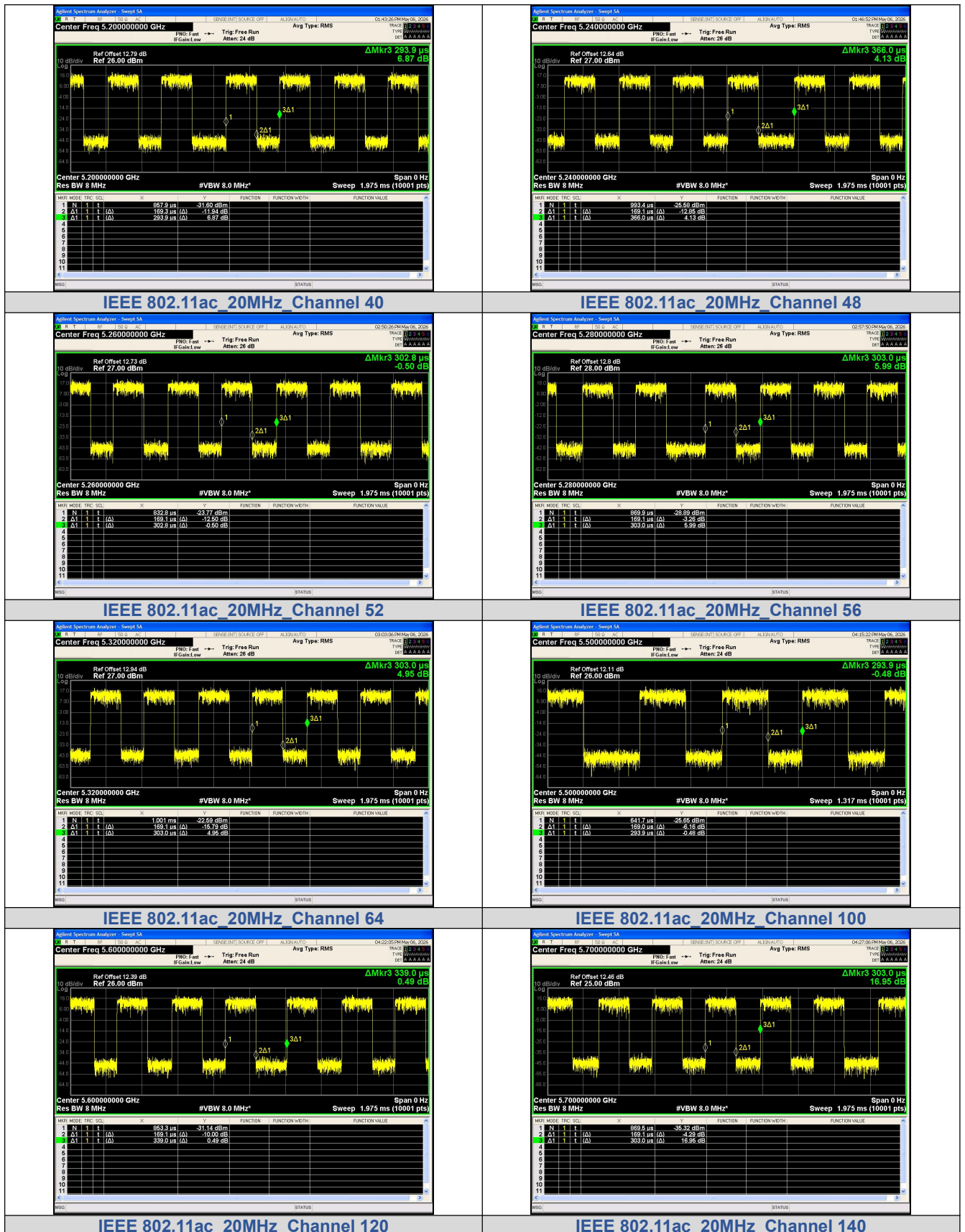
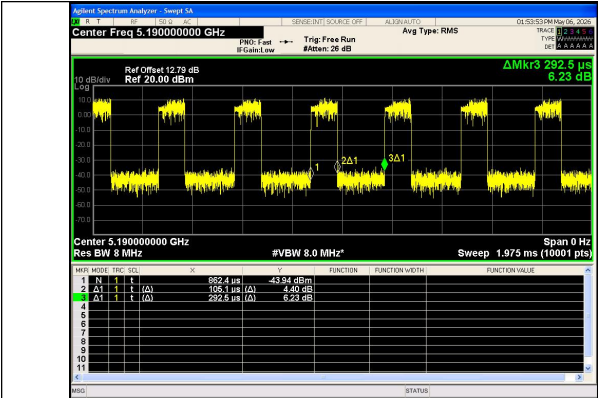
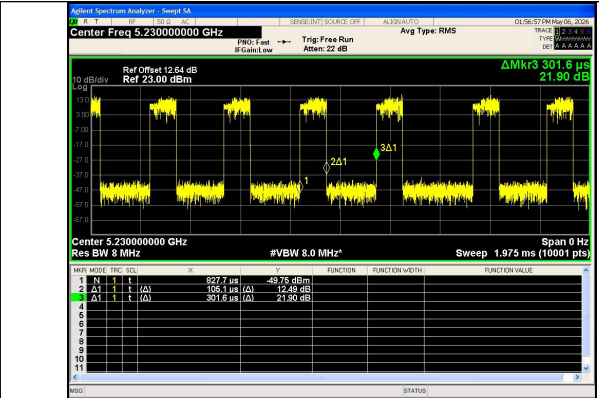


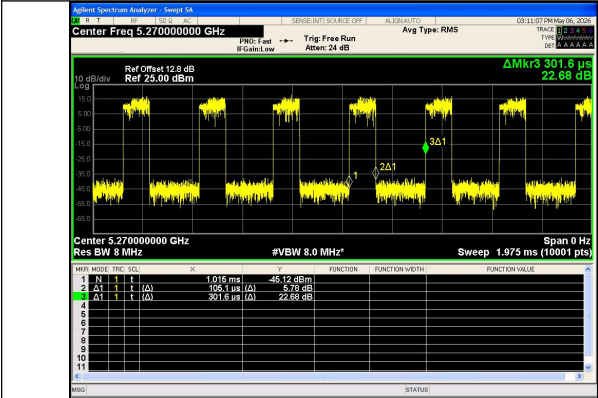




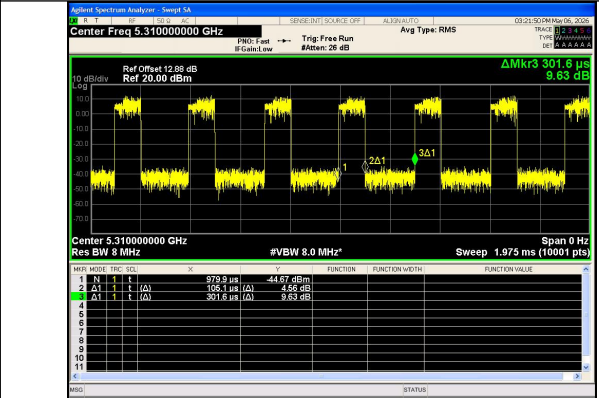
IEEE 802.11ac 40MHz Channel 38



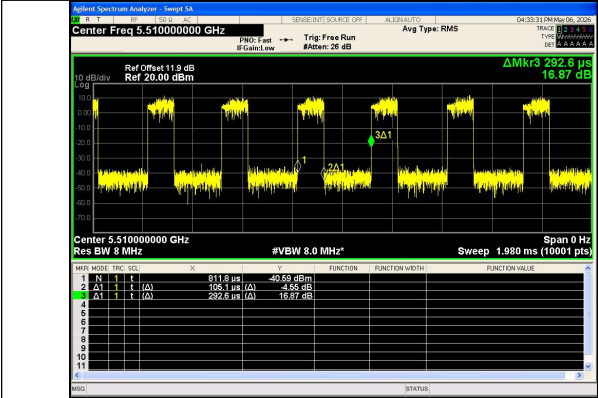
IEEE 802.11ac 40MHz Channel 46



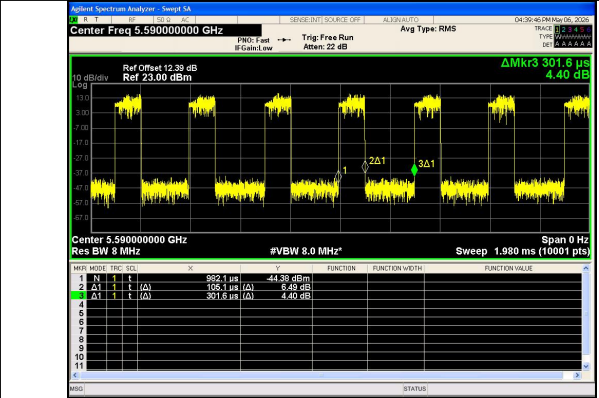
IEEE 802.11ac 40MHz Channel 54



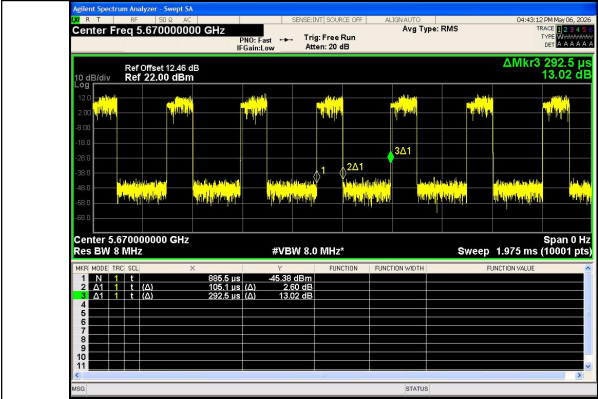
IEEE 802.11ac 40MHz Channel 62



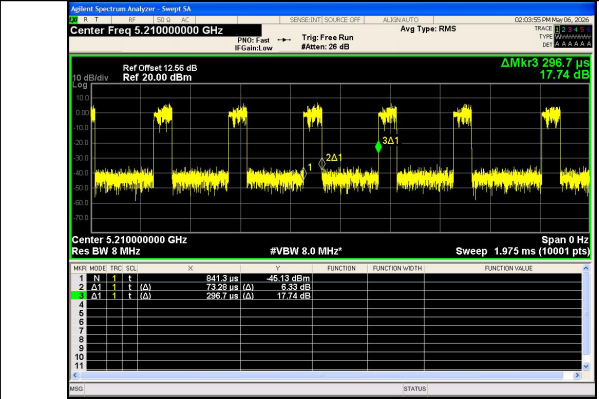
IEEE 802.11ac 40MHz Channel 102



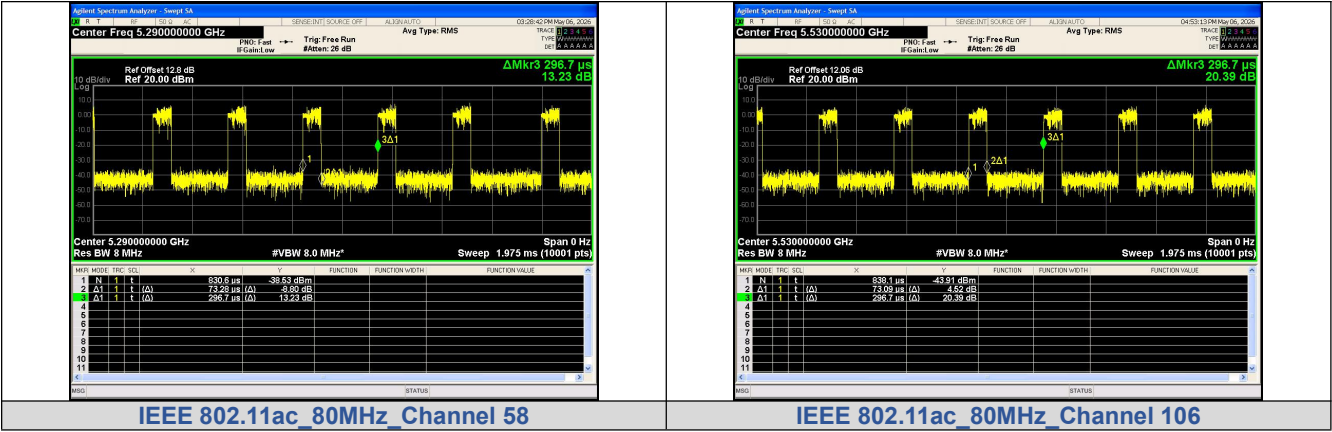
IEEE 802.11ac 40MHz Channel 118



IEEE 802.11ac 40MHz Channel 134



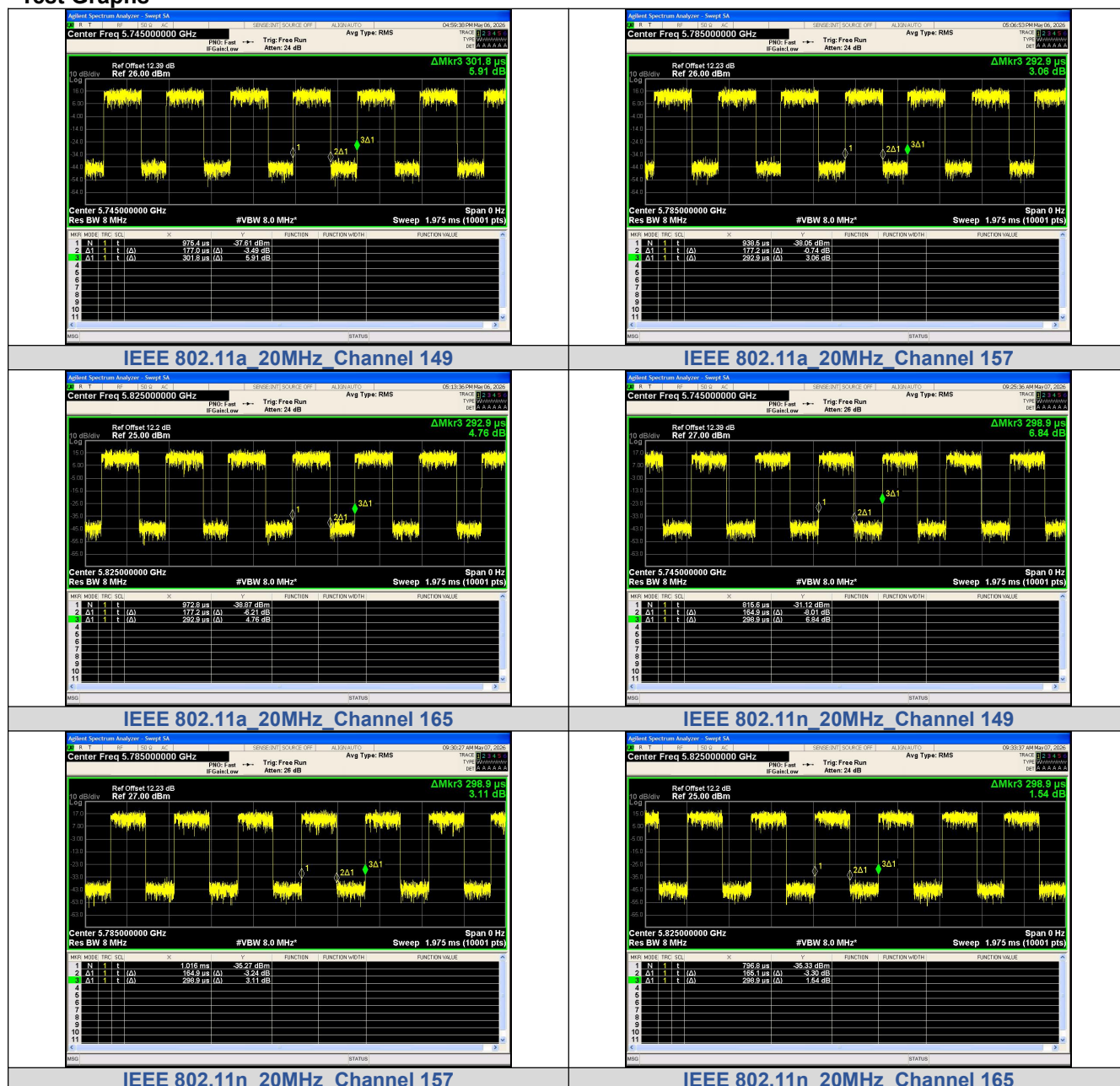
IEEE 802.11ac 80MHz Channel 42

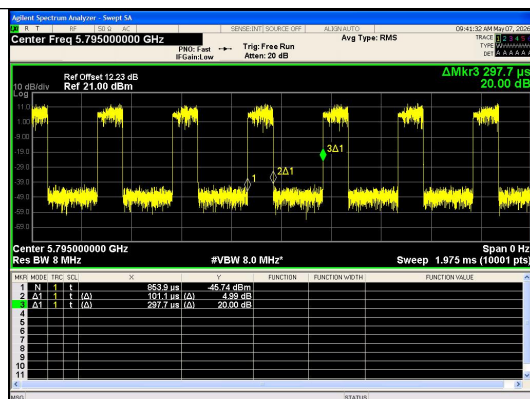


### Test Result

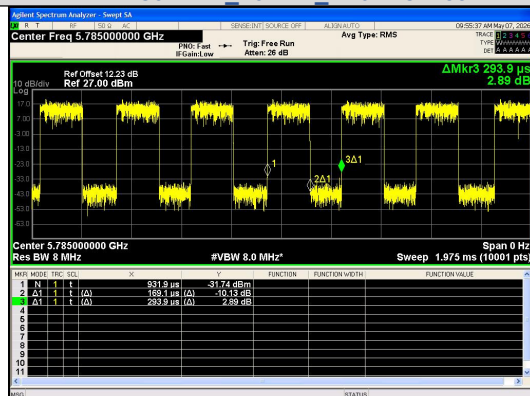
| Mode             | Data rates | Channel | Antenna | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) | 1/T     |
|------------------|------------|---------|---------|--------------|-------------|----------------|---------------------|------------------------|---------|
| IEEE 802.11a     | 54         | 149     | 1       | 0.177        | 0.302       | 58.64          | 0.5864              | 2.3181                 | 5.6497  |
|                  |            | 157     |         | 0.177        | 0.293       | 60.49          | 0.6049              | 2.1832                 | 5.6497  |
|                  |            | 165     |         | 0.177        | 0.293       | 60.49          | 0.6049              | 2.1832                 | 5.6497  |
| IEEE 802.11n_20  | MCS 7      | 149     |         | 0.165        | 0.299       | 55.19          | 0.5519              | 2.5814                 | 6.0606  |
|                  |            | 157     |         | 0.165        | 0.299       | 55.19          | 0.5519              | 2.5814                 | 6.0606  |
|                  |            | 165     |         | 0.165        | 0.299       | 55.25          | 0.5525              | 2.5767                 | 6.0606  |
| IEEE 802.11n_40  |            | 151     |         | 0.101        | 0.298       | 33.94          | 0.3394              | 4.6929                 | 9.9010  |
|                  |            | 159     |         | 0.101        | 0.298       | 33.97          | 0.3397              | 4.689                  | 9.9010  |
| IEEE 802.11ac_20 | MCS 9      | 149     |         | 0.169        | 0.303       | 55.74          | 0.5574              | 2.5383                 | 5.9172  |
|                  |            | 157     |         | 0.169        | 0.294       | 57.53          | 0.5753              | 2.4011                 | 5.9172  |
|                  |            | 165     |         | 0.169        | 0.294       | 57.56          | 0.5756              | 2.3988                 | 5.9172  |
| IEEE 802.11ac_40 |            | 151     |         | 0.105        | 0.383       | 27.47          | 0.2747              | 5.6114                 | 9.5238  |
|                  |            | 159     |         | 0.105        | 0.293       | 35.92          | 0.3592              | 4.4466                 | 9.5238  |
| IEEE 802.11ac_80 |            | 155     |         | 0.073        | 0.296       | 24.65          | 0.2465              | 6.0818                 | 13.6986 |

## Test Graphs

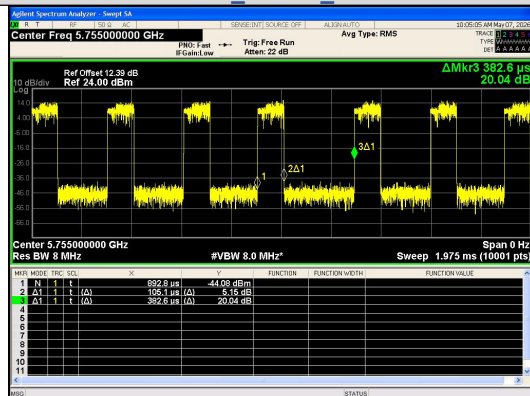




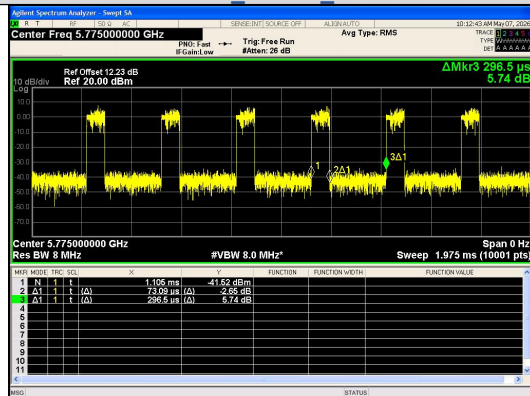
## IEEE 802.11n 40MHz Channel 159



IEEE 802.11ac 20MHz Channel 157



## IEEE 802.11ac 40MHz Channel 151



## IEEE 802.11ac\_80MHz\_Channel 155

**APPENDIX VIII. Power Spectral Density****Test Result**

| Mode             | Channel | Ant. 0<br>Meas PSD<br>(dBm/MHz) | Limit<br>(dBm/MHz) | Result |
|------------------|---------|---------------------------------|--------------------|--------|
| IEEE 802.11a     | 36      | 2.708                           | 11                 | PASS   |
|                  | 40      | 3.417                           |                    | PASS   |
|                  | 48      | 3.784                           |                    | PASS   |
| IEEE 802.11n_20  | 36      | 2.532                           |                    | PASS   |
|                  | 40      | 2.687                           |                    | PASS   |
|                  | 48      | 3.163                           |                    | PASS   |
| IEEE 802.11n_40  | 38      | -5.671                          |                    | PASS   |
|                  | 46      | -1.362                          |                    | PASS   |
| IEEE 802.11ac_20 | 36      | 2.503                           |                    | PASS   |
|                  | 40      | 3.181                           |                    | PASS   |
|                  | 48      | 3.095                           |                    | PASS   |
| IEEE 802.11ac_40 | 38      | -6.170                          |                    | PASS   |
|                  | 46      | -1.341                          |                    | PASS   |
| IEEE 802.11ac_80 | 42      | -12.390                         |                    | PASS   |

| Mode             | Channel | Ant. 0<br>Meas PSD<br>(dBm/MHz) | Duty Cycle<br>Factor (dB) | PSD<br>(dBm/MHz) | Limit<br>(dBm/MHz) | Result |
|------------------|---------|---------------------------------|---------------------------|------------------|--------------------|--------|
| IEEE 802.11a     | 52      | 4.688                           | 2.3158                    | 7.0038           | 11                 | PASS   |
|                  | 56      | 4.801                           | 2.3158                    | 7.1168           |                    | PASS   |
|                  | 64      | 4.352                           | 2.3136                    | 6.6656           |                    | PASS   |
|                  | 100     | 2.847                           | 2.3181                    | 5.1651           |                    | PASS   |
|                  | 120     | 3.345                           | 2.1868                    | 5.5318           |                    | PASS   |
|                  | 140     | 2.507                           | 2.1882                    | 4.6952           |                    | PASS   |
| IEEE 802.11n_20  | 52      | 4.141                           | 2.579                     | 6.72             |                    | PASS   |
|                  | 56      | 3.909                           | 2.579                     | 6.488            |                    | PASS   |
|                  | 64      | 3.572                           | 2.579                     | 6.151            |                    | PASS   |
|                  | 100     | 2.488                           | 2.579                     | 5.067            |                    | PASS   |
|                  | 120     | 2.731                           | 2.4451                    | 5.1761           |                    | PASS   |
|                  | 140     | 2.062                           | 2.7116                    | 4.7736           |                    | PASS   |
| IEEE 802.11n_40  | 54      | -0.258                          | 4.689                     | 4.431            |                    | PASS   |
|                  | 62      | -5.137                          | 4.689                     | -0.448           |                    | PASS   |
|                  | 102     | -5.794                          | 4.689                     | -1.105           |                    | PASS   |
|                  | 118     | -1.661                          | 4.8162                    | 3.1552           |                    | PASS   |
|                  | 134     | -3.147                          | 4.689                     | 1.542            |                    | PASS   |
| IEEE 802.11ac_20 | 52      | 4.144                           | 2.5305                    | 6.6745           |                    | PASS   |
|                  | 56      | 4.221                           | 2.5337                    | 6.7547           |                    | PASS   |
|                  | 64      | 3.814                           | 2.5337                    | 6.3477           |                    | PASS   |
|                  | 100     | 2.705                           | 2.4048                    | 5.1098           |                    | PASS   |
|                  | 120     | 2.733                           | 3.0207                    | 5.7537           |                    | PASS   |
|                  | 140     | 2.232                           | 2.5337                    | 4.7657           |                    | PASS   |
| IEEE 802.11ac_40 | 54      | -0.132                          | 4.5792                    | 4.4472           |                    | PASS   |
|                  | 62      | -4.160                          | 4.5792                    | 0.4192           |                    | PASS   |
|                  | 102     | -5.959                          | 4.4454                    | -1.5136          |                    | PASS   |
|                  | 118     | -1.650                          | 4.5755                    | 2.9255           |                    | PASS   |
|                  | 134     | -1.914                          | 4.4466                    | 2.5326           |                    | PASS   |
| IEEE 802.11ac_80 | 58      | -11.158                         | 6.073                     | -5.085           |                    | PASS   |
|                  | 106     | -12.351                         | 6.0854                    | -6.2656          |                    | PASS   |

**Test Graphs**