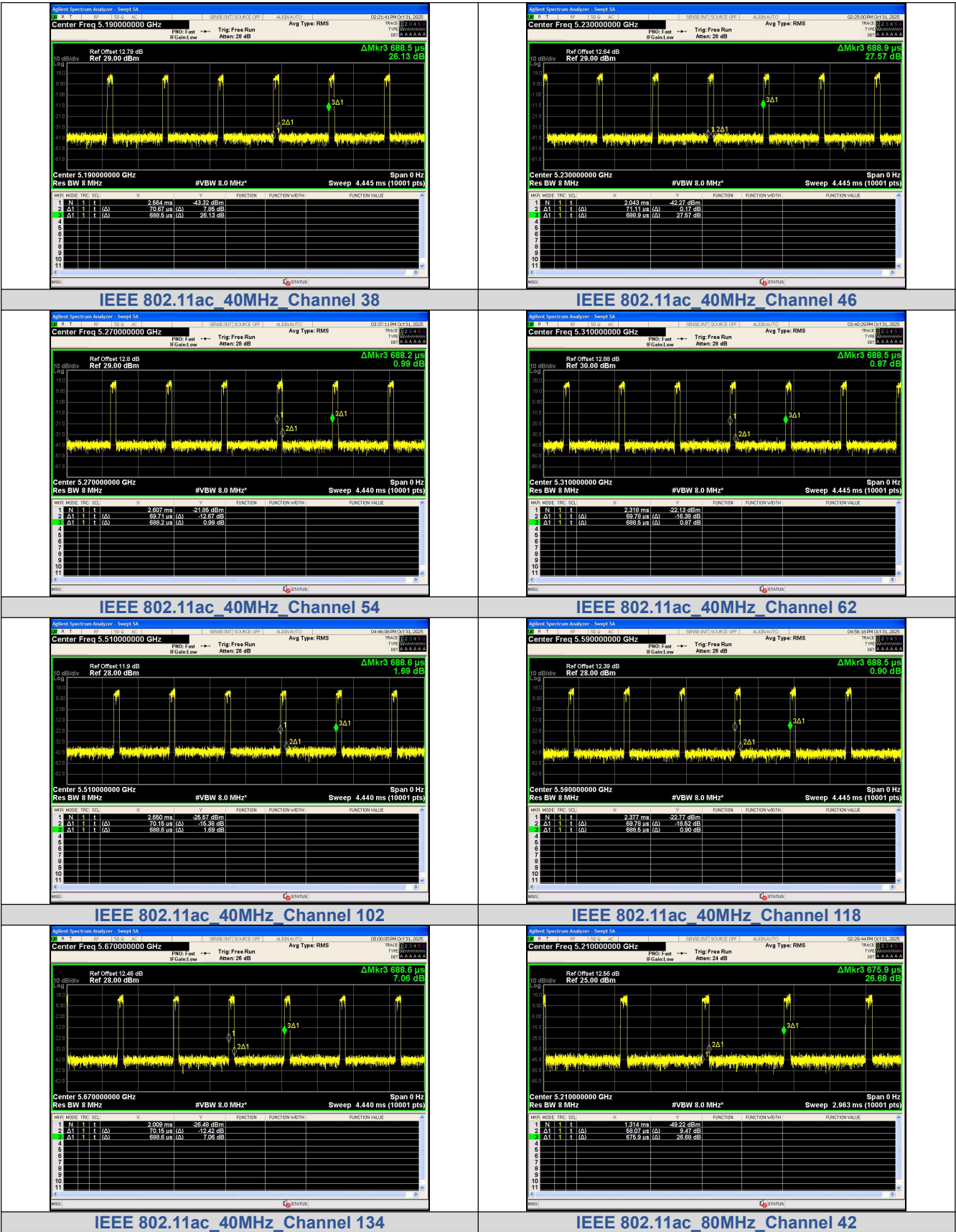
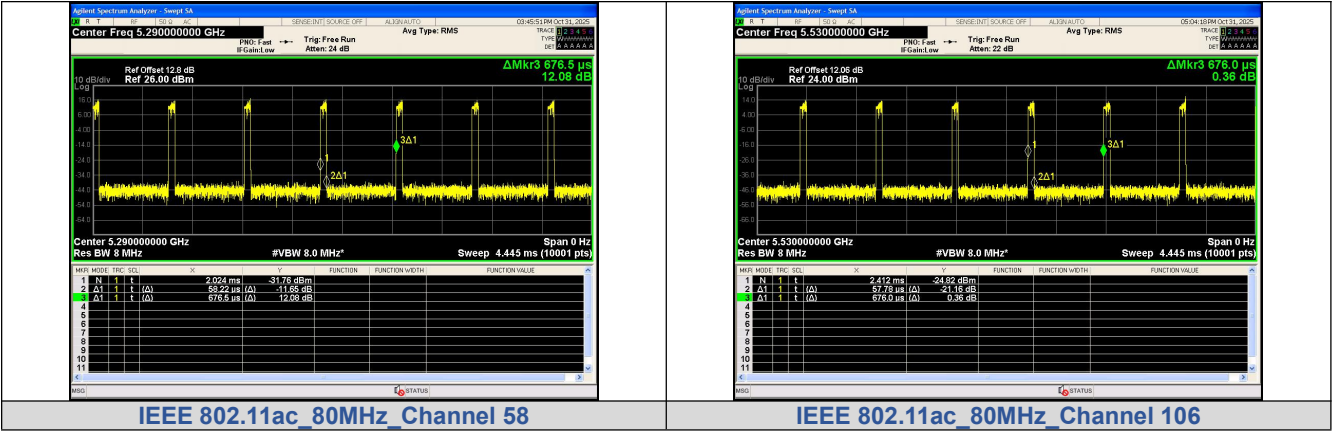


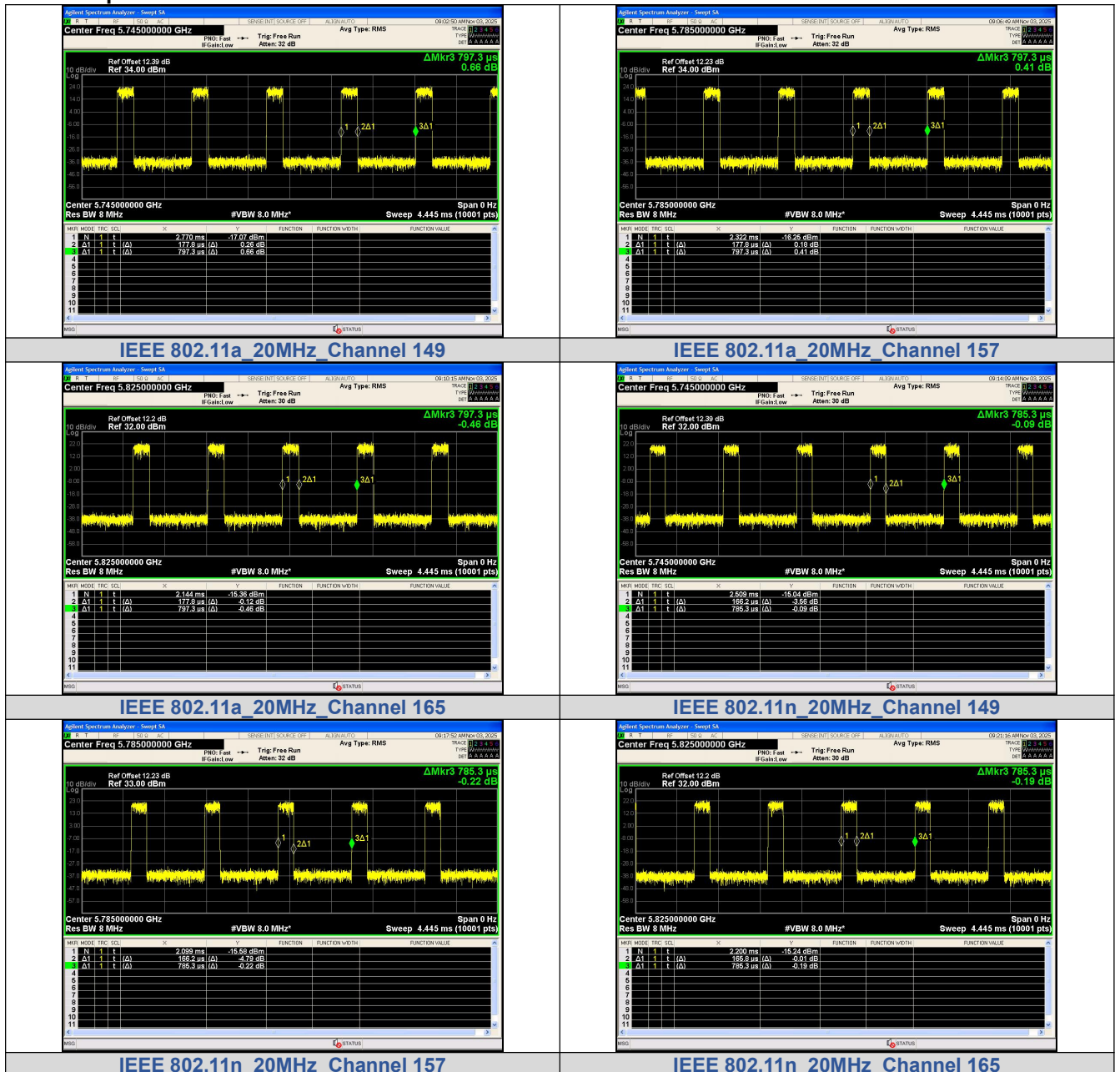


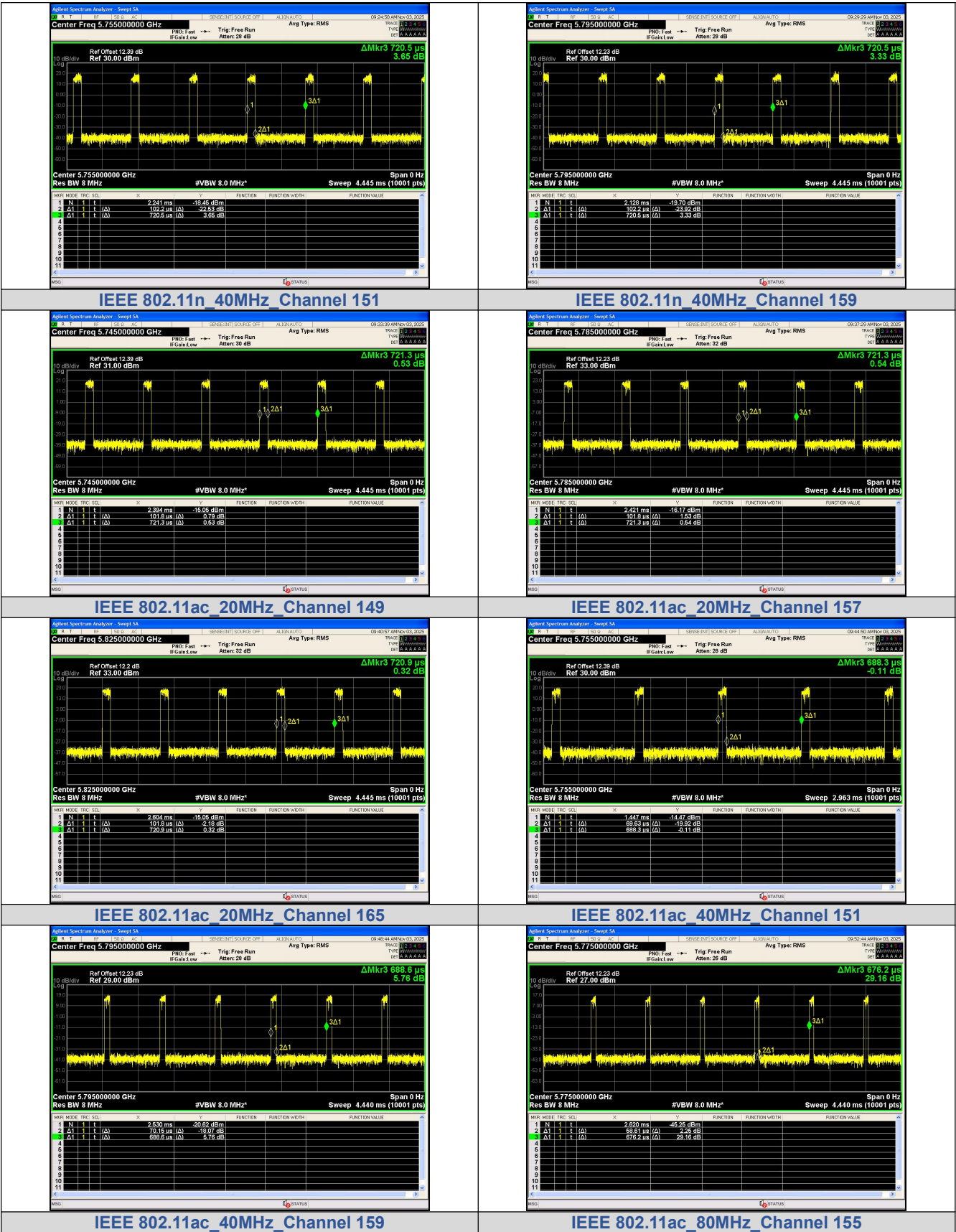


## Test Result

| 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       | 0.178        | 0.797       | 22.30          | 0.2230              | 6.517                  | 5.6180  |
|                  |            | 157     |         | 0.178        | 0.797       | 22.30          | 0.2230              | 6.517                  | 5.6180  |
|                  |            | 165     |         | 0.178        | 0.797       | 22.30          | 0.2230              | 6.517                  | 5.6180  |
| IEEE 802.11n_20  | MCS 7      | 149     |         | 0.166        | 0.785       | 21.17          | 0.2117              | 6.7428                 | 6.0241  |
|                  |            | 157     |         | 0.166        | 0.785       | 21.17          | 0.2117              | 6.7428                 | 6.0241  |
|                  |            | 165     |         | 0.166        | 0.785       | 21.11          | 0.2111              | 6.7551                 | 6.0241  |
| IEEE 802.11n_40  |            | 151     |         | 0.102        | 0.720       | 14.19          | 0.1419              | 8.4802                 | 9.8039  |
|                  |            | 159     |         | 0.102        | 0.720       | 14.19          | 0.1419              | 8.4802                 | 9.8039  |
| IEEE 802.11ac_20 |            | 149     |         | 0.102        | 0.721       | 14.11          | 0.1411              | 8.5047                 | 9.8039  |
|                  |            | 157     |         | 0.102        | 0.721       | 14.11          | 0.1411              | 8.5047                 | 9.8039  |
|                  |            | 165     |         | 0.102        | 0.721       | 14.12          | 0.1412              | 8.5017                 | 9.8039  |
| IEEE 802.11ac_40 |            | 151     |         | 0.070        | 0.688       | 10.12          | 0.1012              | 9.9482                 | 14.2857 |
|                  |            | 159     |         | 0.070        | 0.689       | 10.19          | 0.1019              | 9.9183                 | 14.2857 |
| IEEE 802.11ac_80 |            | 155     |         | 0.059        | 0.676       | 8.67           | 0.0867              | 10.6198                | 16.9492 |

## Test Graphs



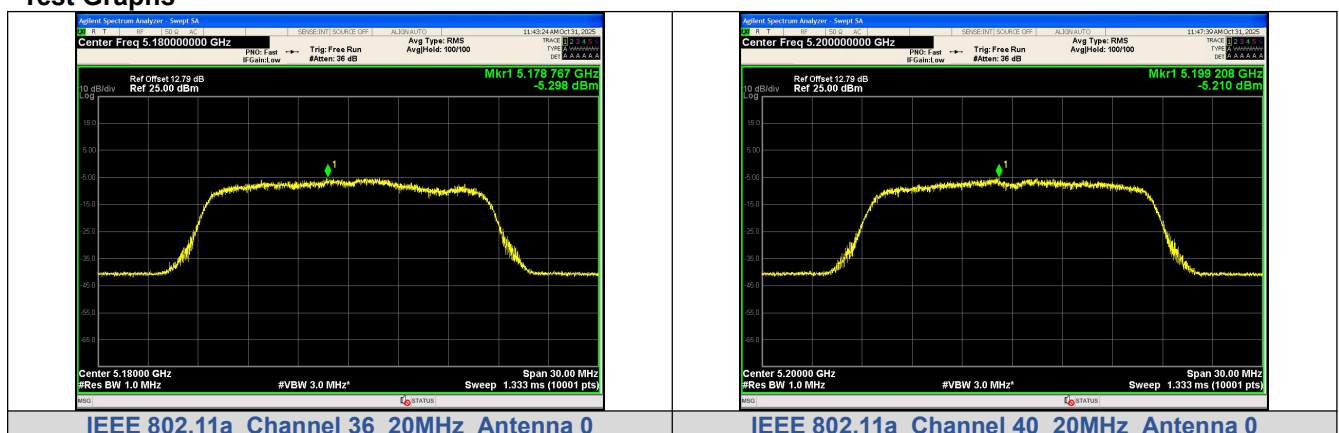


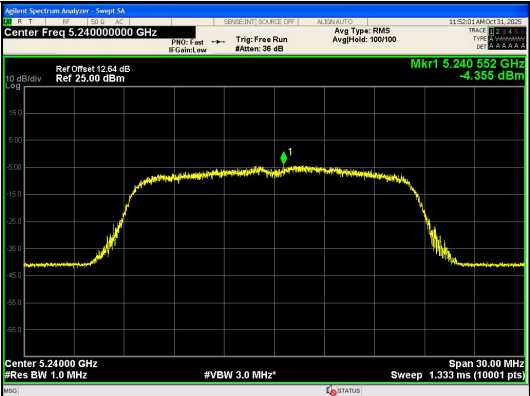
## APPENDIX VIII. Peak Power Spectral Density

### Test Result

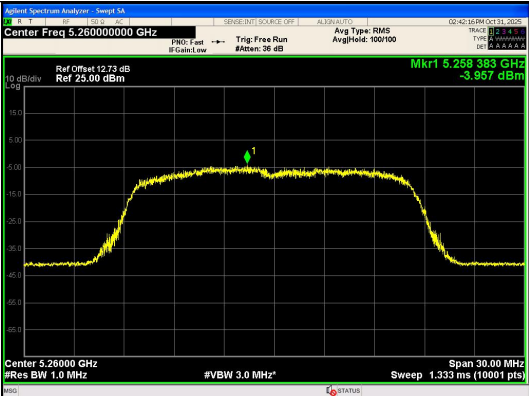
| Mode             | Channel | Ant. 0<br>Meas PSD<br>(dBm/MHz) | Limit<br>(dBm/MHz) | Result |
|------------------|---------|---------------------------------|--------------------|--------|
| IEEE 802.11a     | 36      | -5.298                          | 11                 | PASS   |
|                  | 40      | -5.210                          |                    | PASS   |
|                  | 48      | -4.355                          |                    | PASS   |
|                  | 52      | -3.957                          |                    | PASS   |
|                  | 56      | -4.018                          |                    | PASS   |
|                  | 64      | -4.196                          |                    | PASS   |
|                  | 100     | -6.720                          |                    | PASS   |
|                  | 120     | -5.013                          |                    | PASS   |
|                  | 140     | -5.314                          |                    | PASS   |
| IEEE 802.11n_20  | 36      | 3.958                           |                    | PASS   |
|                  | 40      | -6.738                          |                    | PASS   |
|                  | 48      | -4.645                          |                    | PASS   |
|                  | 52      | -6.096                          |                    | PASS   |
|                  | 56      | -5.332                          |                    | PASS   |
|                  | 64      | -5.683                          |                    | PASS   |
|                  | 100     | 3.564                           |                    | PASS   |
|                  | 120     | -6.638                          |                    | PASS   |
| IEEE 802.11n_40  | 140     | -7.222                          |                    | PASS   |
|                  | 38      | 0.242                           |                    | PASS   |
|                  | 46      | 1.159                           |                    | PASS   |
|                  | 54      | 1.849                           |                    | PASS   |
|                  | 62      | -9.452                          |                    | PASS   |
|                  | 102     | 0.015                           |                    | PASS   |
|                  | 118     | 1.365                           |                    | PASS   |
| IEEE 802.11ac_20 | 134     | 2.402                           |                    | PASS   |
|                  | 36      | -8.426                          |                    | PASS   |
|                  | 40      | -8.984                          |                    | PASS   |
|                  | 48      | -7.664                          |                    | PASS   |
|                  | 52      | -8.444                          |                    | PASS   |
|                  | 56      | -8.266                          |                    | PASS   |
|                  | 64      | -7.820                          |                    | PASS   |
|                  | 100     | 2.418                           |                    | PASS   |
| IEEE 802.11ac_40 | 120     | -9.965                          |                    | PASS   |
|                  | 140     | -8.901                          |                    | PASS   |
|                  | 38      | -0.732                          |                    | PASS   |
|                  | 46      | 0.867                           |                    | PASS   |
|                  | 54      | 0.809                           |                    | PASS   |
|                  | 62      | 0.853                           |                    | PASS   |
|                  | 102     | -1.525                          |                    | PASS   |
| IEEE 802.11ac_80 | 118     | -0.659                          |                    | PASS   |
|                  | 134     | 0.683                           |                    | PASS   |
|                  | 42      | -3.041                          |                    | PASS   |
|                  | 58      | -3.251                          |                    | PASS   |
|                  | 106     | -5.156                          |                    | PASS   |

### Test Graphs

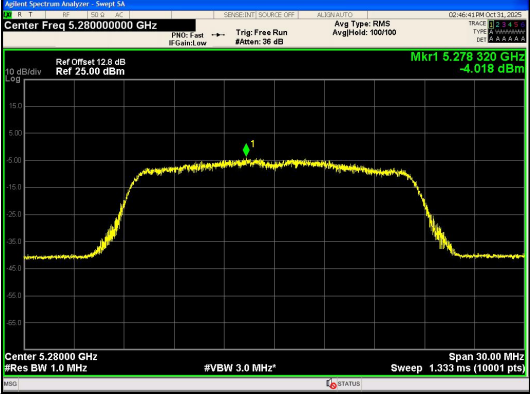




IEEE 802.11a Channel 48 20MHz Antenna 0



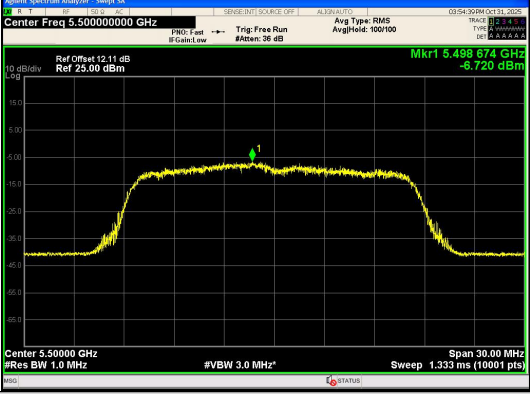
IEEE 802.11a Channel 52 20MHz Antenna 0



IEEE 802.11a Channel 56 20MHz Antenna 0



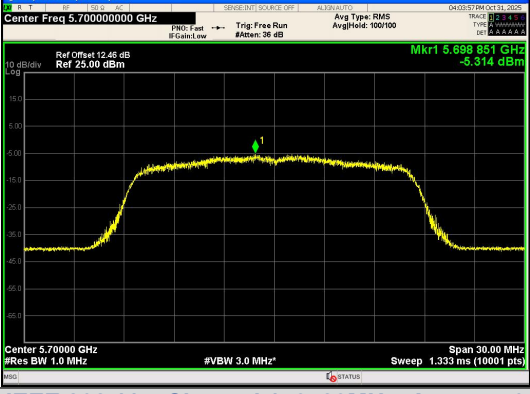
IEEE 802.11a Channel 64 20MHz Antenna 0



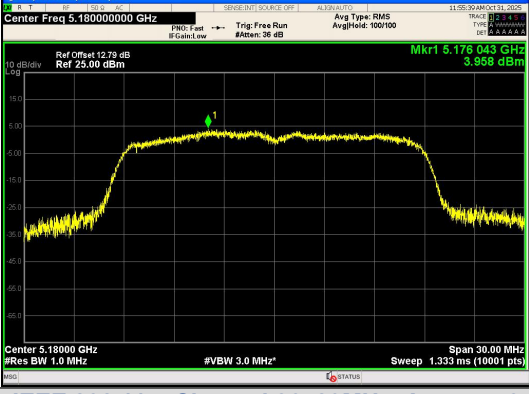
IEEE 802.11a Channel 100 20MHz Antenna 0



IEEE 802.11a Channel 120 20MHz Antenna 0



IEEE 802.11a Channel 140 20MHz Antenna 0



IEEE 802.11n Channel 36 20MHz Antenna 0