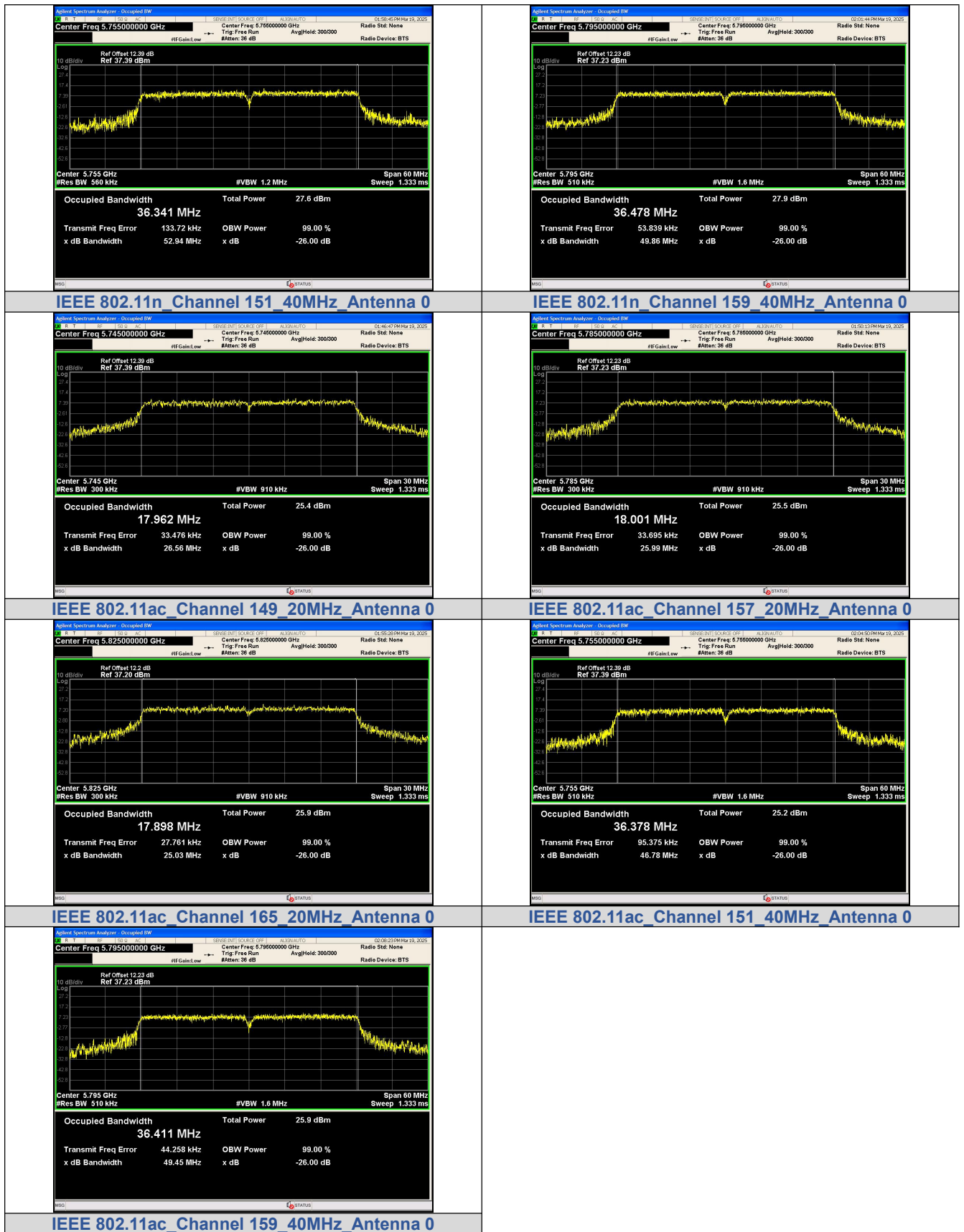


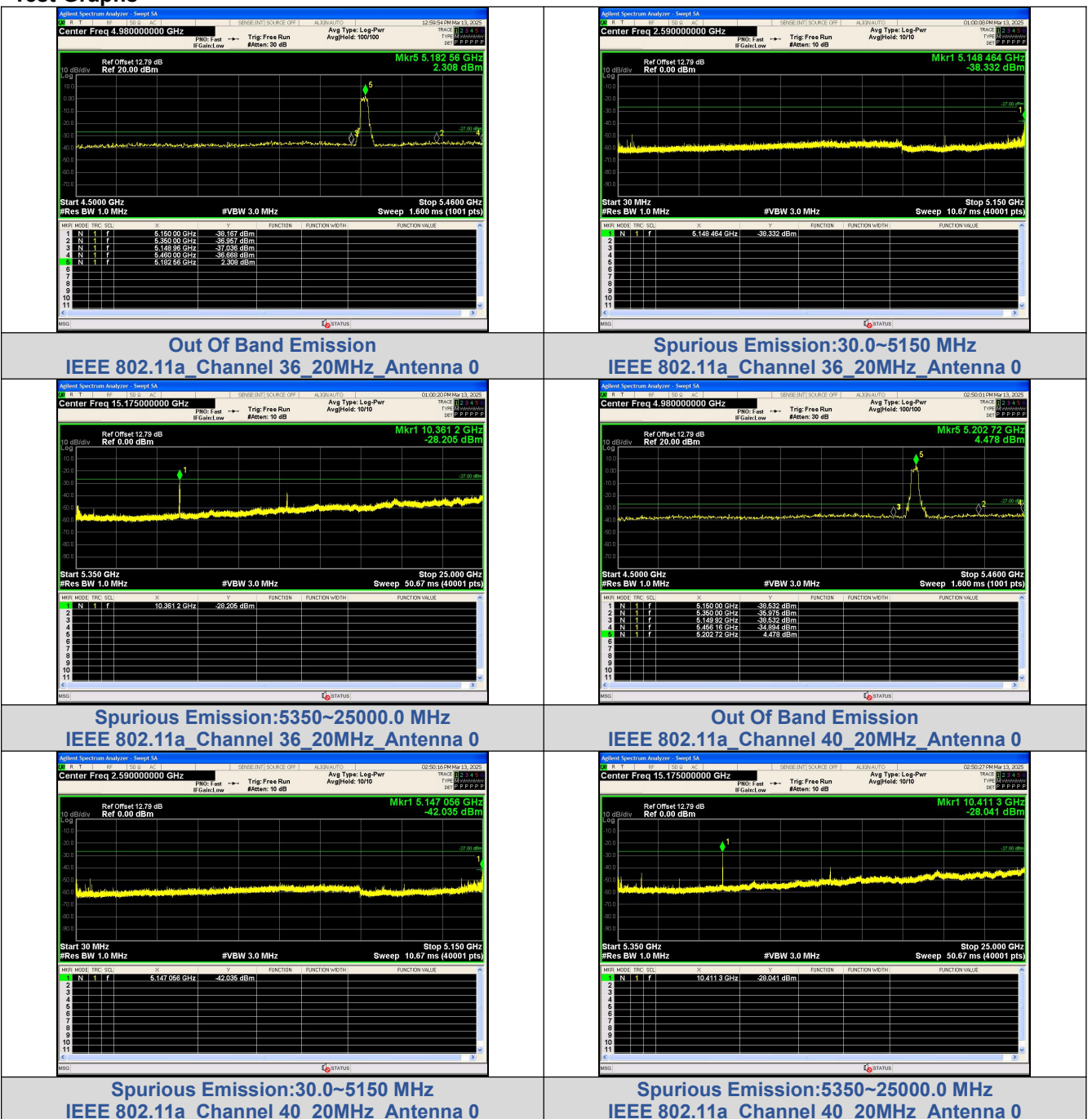


**APPENDIX VI. Conducted Out Of Band Emission**Antenna A:  
Test Result

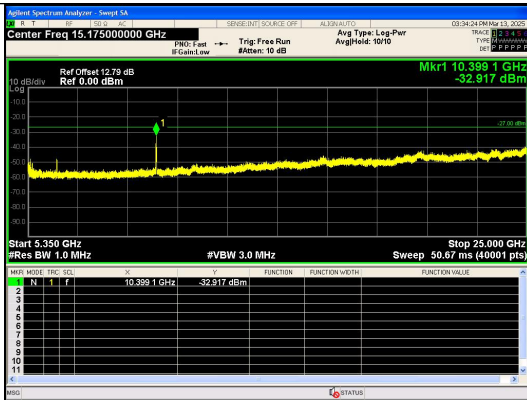
| Mode                | Channel | Ant.    | OOB<br>Emission<br>Frequency<br>(MHz) | OOB<br>Emission<br>Level<br>(dBm) | Limit<br>(dBm) | Over Limit<br>(dB) | Result |
|---------------------|---------|---------|---------------------------------------|-----------------------------------|----------------|--------------------|--------|
| IEEE 802.11a        | 36      | 0       | 5148.46                               | -38.332                           | -27            | -11.330            | PASS   |
|                     |         |         | 5148.96                               | -37.036                           | -27            | -10                | PASS   |
|                     |         |         | 5150.00                               | -38.167                           | -27            | -11                | PASS   |
|                     |         |         | 5350.00                               | -36.957                           | -27            | -10                | PASS   |
|                     |         |         | 5460.00                               | -36.668                           | -27            | -10                | PASS   |
|                     |         |         | 10361.2                               | -28.205                           | -27            | -1.200             | PASS   |
|                     | 40      |         | 5147.06                               | -42.035                           | -27            | -15.030            | PASS   |
|                     |         |         | 5149.92                               | -38.532                           | -27            | -12                | PASS   |
|                     |         |         | 5150.00                               | -38.532                           | -27            | -12                | PASS   |
|                     |         |         | 5350.00                               | -35.975                           | -27            | -9                 | PASS   |
|                     |         |         | 5456.16                               | -34.894                           | -27            | -8                 | PASS   |
|                     |         |         | 10411.3                               | -28.041                           | -27            | -1.040             | PASS   |
|                     | 48      |         | 210.48                                | -49.446                           | -27            | -22.450            | PASS   |
|                     |         |         | 5144.16                               | -37.004                           | -27            | -10                | PASS   |
|                     |         |         | 5150.00                               | -37.020                           | -27            | -10                | PASS   |
|                     |         |         | 5350.00                               | -37.086                           | -27            | -10                | PASS   |
|                     |         |         | 5460.00                               | -36.334                           | -27            | -9                 | PASS   |
|                     |         |         | 24931.2                               | -40.243                           | -27            | -13.240            | PASS   |
| IEEE<br>802.11n_20  | 36      |         | 5146.54                               | -39.137                           | -27            | -12.140            | PASS   |
|                     |         |         | 5149.92                               | -37.305                           | -27            | -10                | PASS   |
|                     |         |         | 5150.00                               | -37.305                           | -27            | -10                | PASS   |
|                     |         |         | 5350.00                               | -36.481                           | -27            | -9                 | PASS   |
|                     |         |         | 5460.00                               | -36.170                           | -27            | -9                 | PASS   |
|                     |         |         | 10363.2                               | -34.659                           | -27            | -7.660             | PASS   |
|                     | 40      |         | 5143.86                               | -42.942                           | -27            | -15.940            | PASS   |
|                     |         |         | 5149.92                               | -38.206                           | -27            | -11                | PASS   |
|                     |         |         | 5150.00                               | -38.206                           | -27            | -11                | PASS   |
|                     |         |         | 5350.00                               | -35.395                           | -27            | -8                 | PASS   |
|                     |         |         | 5420.64                               | -34.694                           | -27            | -8                 | PASS   |
|                     |         |         | 10399.1                               | -32.917                           | -27            | -5.920             | PASS   |
|                     | 48      |         | 210.48                                | -49.853                           | -27            | -22.850            | PASS   |
|                     |         |         | 5149.92                               | -37.313                           | -27            | -10                | PASS   |
|                     |         |         | 5150.00                               | -37.313                           | -27            | -10                | PASS   |
|                     |         |         | 5350.00                               | -34.940                           | -27            | -8                 | PASS   |
|                     |         |         | 5369.76                               | -34.464                           | -27            | -7                 | PASS   |
|                     |         |         | 10481.1                               | -35.394                           | -27            | -8.390             | PASS   |
| IEEE<br>802.11n_40  | 38      |         | 5142.19                               | -31.250                           | -27            | -4.250             | PASS   |
|                     |         |         | 5146.08                               | -36.756                           | -27            | -10                | PASS   |
|                     |         |         | 5150.00                               | -37.550                           | -27            | -11                | PASS   |
|                     |         |         | 5350.00                               | -35.465                           | -27            | -8                 | PASS   |
|                     |         |         | 5457.12                               | -35.423                           | -27            | -8                 | PASS   |
|                     |         |         | 10377.0                               | -35.381                           | -27            | -8.380             | PASS   |
|                     | 46      |         | 210.74                                | -49.585                           | -27            | -22.590            | PASS   |
|                     |         |         | 5148.00                               | -37.609                           | -27            | -11                | PASS   |
|                     |         |         | 5150.00                               | -37.657                           | -27            | -11                | PASS   |
|                     |         |         | 5350.00                               | -36.586                           | -27            | -10                | PASS   |
|                     |         |         | 5460.00                               | -35.841                           | -27            | -9                 | PASS   |
|                     |         |         | 10461.9                               | -34.881                           | -27            | -7.880             | PASS   |
| IEEE<br>802.11ac_20 | 36      | 5145.52 | -41.115                               | -27                               | -14.120        | PASS               |        |
|                     |         | 5149.92 | -37.720                               | -27                               | -11            | PASS               |        |
|                     |         | 5150.00 | -37.720                               | -27                               | -11            | PASS               |        |
|                     |         | 5350.00 | -36.048                               | -27                               | -9             | PASS               |        |
|                     |         | 5454.24 | -35.768                               | -27                               | -9             | PASS               |        |
|                     |         | 10367.6 | -36.587                               | -27                               | -9.590         | PASS               |        |
|                     | 40      | 4159.41 | -42.318                               | -27                               | -15.320        | PASS               |        |
|                     |         | 5148.00 | -36.104                               | -27                               | -9             | PASS               |        |
|                     |         | 5150.00 | -37.549                               | -27                               | -11            | PASS               |        |
|                     |         | 5350.00 | -36.838                               | -27                               | -10            | PASS               |        |
|                     |         | 5459.04 | -36.347                               | -27                               | -9             | PASS               |        |
|                     |         | 10406.9 | -28.109                               | -27                               | -1.110         | PASS               |        |

|                     |    |  |         |         |     |         |      |
|---------------------|----|--|---------|---------|-----|---------|------|
| IEEE<br>802.11ac_40 | 48 |  | 210.48  | -49.062 | -27 | -22.060 | PASS |
|                     |    |  | 5148.96 | -37.635 | -27 | -11     | PASS |
|                     |    |  | 5150.00 | -37.710 | -27 | -11     | PASS |
|                     |    |  | 5350.00 | -35.945 | -27 | -9      | PASS |
|                     |    |  | 5459.04 | -34.869 | -27 | -8      | PASS |
|                     |    |  | 10476.7 | -35.458 | -27 | -8.460  | PASS |
|                     | 38 |  | 5139.89 | -27.452 | -27 | -0.450  | PASS |
|                     |    |  | 5149.92 | -33.605 | -27 | -7      | PASS |
|                     |    |  | 5150.00 | -33.605 | -27 | -7      | PASS |
|                     |    |  | 5350.00 | -36.788 | -27 | -10     | PASS |
|                     |    |  | 5460.00 | -36.716 | -27 | -10     | PASS |
|                     |    |  | 24905.2 | -39.546 | -27 | -12.550 | PASS |
|                     | 46 |  | 5143.60 | -35.587 | -27 | -8.590  | PASS |
|                     |    |  | 5149.92 | -38.588 | -27 | -12     | PASS |
|                     |    |  | 5150.00 | -38.588 | -27 | -12     | PASS |
|                     |    |  | 5350.00 | -37.362 | -27 | -10     | PASS |
|                     |    |  | 5460.00 | -36.481 | -27 | -9      | PASS |
|                     |    |  | 6553.56 | -38.597 | -27 | -11.600 | PASS |

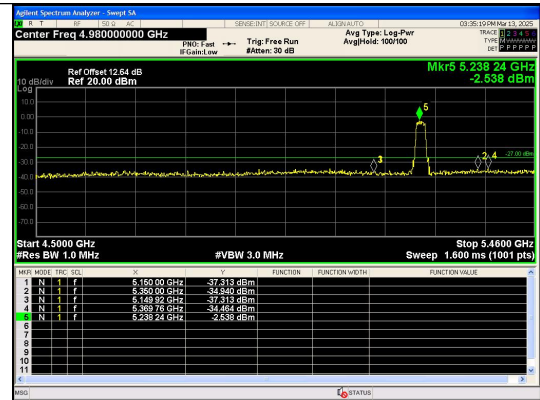
## Test Graphs



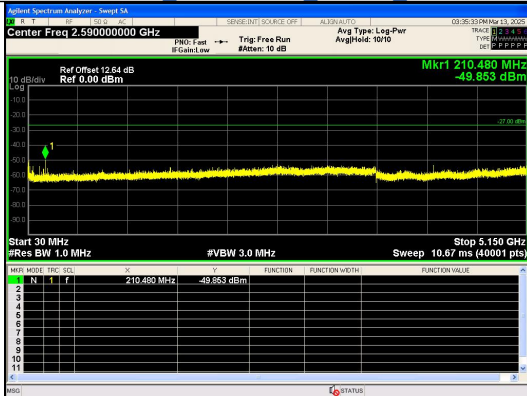




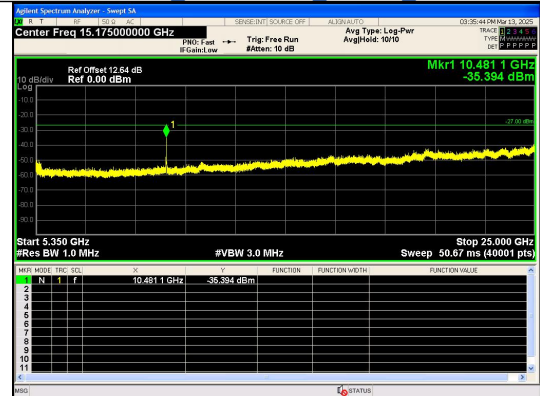
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n Channel 40 20MHz Antenna 0



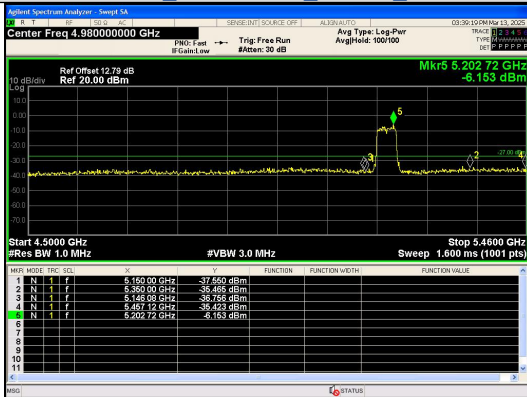
Out Of Band Emission  
IEEE 802.11n Channel 48 20MHz Antenna 0



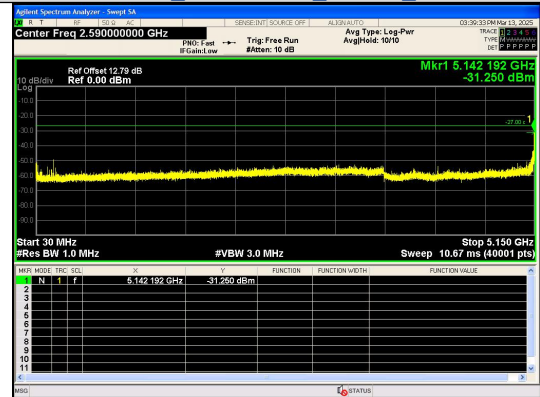
Spurious Emission:30.0~5150 MHz  
IEEE 802.11n Channel 48 20MHz Antenna 0



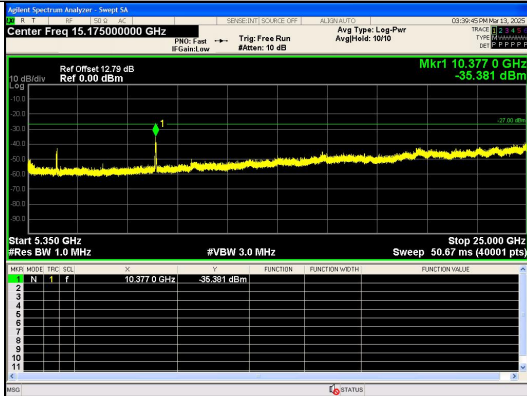
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n Channel 48 20MHz Antenna 0



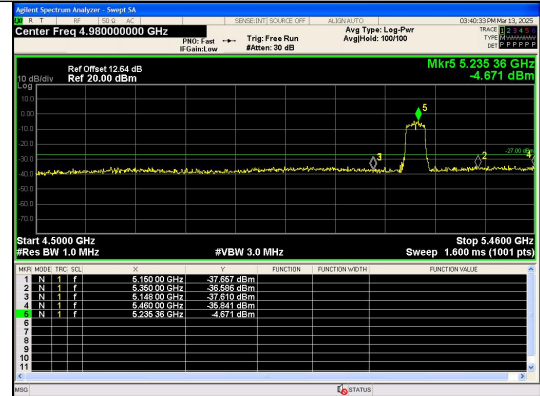
Out Of Band Emission  
IEEE 802.11n Channel 38 40MHz Antenna 0



Spurious Emission:30.0~5150 MHz  
IEEE 802.11n Channel 38 40MHz Antenna 0



Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n Channel 38 40MHz Antenna 0



Out Of Band Emission  
IEEE 802.11n Channel 46 40MHz Antenna 0

