



## **11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH**

## 11.2.1. Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB<br>[MHz] | FL[MHz]   | FH[MHz]   | Verdict |
|-----------|---------|----------------|--------------|-----------|-----------|---------|
|           | Ant1    | 5180           | 16.943       | 5171.5684 | 5188.5115 | PASS    |
|           | Ant2    | 5180           | 16.703       | 5171.6883 | 5188.3916 | PASS    |
|           | Ant1    | 5200           | 17.023       | 5191.5684 | 5208.5914 | PASS    |
|           | Ant2    | 5200           | 16.783       | 5191.6883 | 5208.4715 | PASS    |
|           | Ant1    | 5240           | 16.983       | 5231.5285 | 5248.5115 | PASS    |
|           | Ant2    | 5240           | 16.703       | 5231.7283 | 5248.4316 | PASS    |
|           | Ant1    | 5260           | 17.063       | 5251.4885 | 5268.5514 | PASS    |
|           | Ant2    | 5260           | 16.663       | 5251.6883 | 5268.3516 | PASS    |
|           | Ant1    | 5280           | 17.103       | 5271.4486 | 5288.5514 | PASS    |
|           | Ant2    | 5280           | 16.703       | 5271.6883 | 5288.3916 | PASS    |
|           | Ant1    | 5320           | 17.103       | 5311.4486 | 5328.5514 | PASS    |
|           | Ant2    | 5320           | 16.703       | 5311.6883 | 5328.3916 | PASS    |
|           | Ant1    | 5500           | 17.143       | 5491.4086 | 5508.5514 | PASS    |
|           | Ant2    | 5500           | 16.703       | 5491.6484 | 5508.3516 | PASS    |
| 11A-CDD   | Ant1    | 5580           | 17.063       | 5571.4486 | 5588.5115 | PASS    |
| 11A-CDD   | Ant2    | 5580           | 16.743       | 5571.6484 | 5588.3916 | PASS    |
|           | Ant1    | 5700           | 17.103       | 5691.4486 | 5708.5514 | PASS    |
|           | Ant2    | 5700           | 16.823       | 5691.6084 | 5708.4316 | PASS    |
|           | Ant1    | 5720           | 17.143       | 5711.4086 | 5728.5514 | PASS    |
|           | Ant2    | 5720           | 16.823       | 5711.5684 | 5728.3916 | PASS    |
|           | Ant1    | 5720_UNII-2C   | 13.591       | 5711.4086 | 5725      | PASS    |
|           | Ant2    | 5720_UNII-2C   | 13.432       | 5711.5684 | 5725      | PASS    |
|           | Ant1    | 5720_UNII-3    | 3.551        | 5725      | 5728.5514 | PASS    |
|           | Ant2    | 5720_UNII-3    | 3.392        | 5725      | 5728.3916 | PASS    |
|           | Ant1    | 5745           | 17.143       | 5736.3686 | 5753.5115 | PASS    |
|           | Ant2    | 5745           | 16.783       | 5736.6084 | 5753.3916 | PASS    |
|           | Ant1    | 5785           | 17.183       | 5776.4086 | 5793.5914 | PASS    |
|           | Ant2    | 5785           | 16.823       | 5776.5684 | 5793.3916 | PASS    |
|           | Ant1    | 5825           | 17.183       | 5816.4086 | 5833.5914 | PASS    |
|           | Ant2    | 5825           | 16.863       | 5816.5684 | 5833.4316 | PASS    |
|           | Ant1    | 5180           | 17.982       | 5171.0490 | 5189.0310 | PASS    |
| 11N20MIMO | Ant2    | 5180           | 17.742       | 5171.1688 | 5188.9111 | PASS    |
|           | Ant1    | 5200           | 17.982       | 5191.0490 | 5209.0310 | PASS    |
|           | Ant2    | 5200           | 17.702       | 5191.1688 | 5208.8711 | PASS    |
|           | Ant1    | 5240           | 17.982       | 5231.0889 | 5249.0709 | PASS    |
|           | Ant2    | 5240           | 17.702       | 5231.2088 | 5248.9111 | PASS    |
|           | Ant1    | 5260           | 17.902       | 5251.0889 | 5268.9910 | PASS    |
|           | Ant2    | 5260           | 17.702       | 5251.2088 | 5268.9111 | PASS    |
|           | Ant1    | 5280           | 17.942       | 5271.0889 | 5289.0310 | PASS    |
|           | Ant2    | 5280           | 17.662       | 5271.2088 | 5288.8711 | PASS    |
|           | Ant1    | 5320           | 17.902       | 5311.0889 | 5328.9910 | PASS    |
|           | Ant2    | 5320           | 17.662       | 5311.1688 | 5328.8312 | PASS    |
|           | Ant1    | 5500           | 17.942       | 5491.0490 | 5508.9910 | PASS    |
|           | Ant2    | 5500           | 17.662       | 5491.1688 | 5508.8312 | PASS    |
|           | Ant1    | 5580           | 17.942       | 5571.0490 | 5588.9910 | PASS    |
|           | Ant2    | 5580           | 17.662       | 5571.1688 | 5588.8312 | PASS    |
|           | Ant1    | 5700           | 18.022       | 5691.0090 | 5709.0310 | PASS    |
|           | Ant2    | 5700           | 17.702       | 5691.1688 | 5708.8711 | PASS    |
|           | Ant1    | 5720           | 17.982       | 5711.0090 | 5728.9910 | PASS    |
|           | Ant2    | 5720           | 17.702       | 5711.1688 | 5728.8711 | PASS    |
|           | Ant1    | 5720_UNII-2C   | 13.991       | 5711.0090 | 5725      | PASS    |
|           | Ant2    | 5720_UNII-2C   | 13.831       | 5711.1688 | 5725      | PASS    |
|           | Ant1    | 5720_UNII-3    | 3.991        | 5725      | 5728.9910 | PASS    |

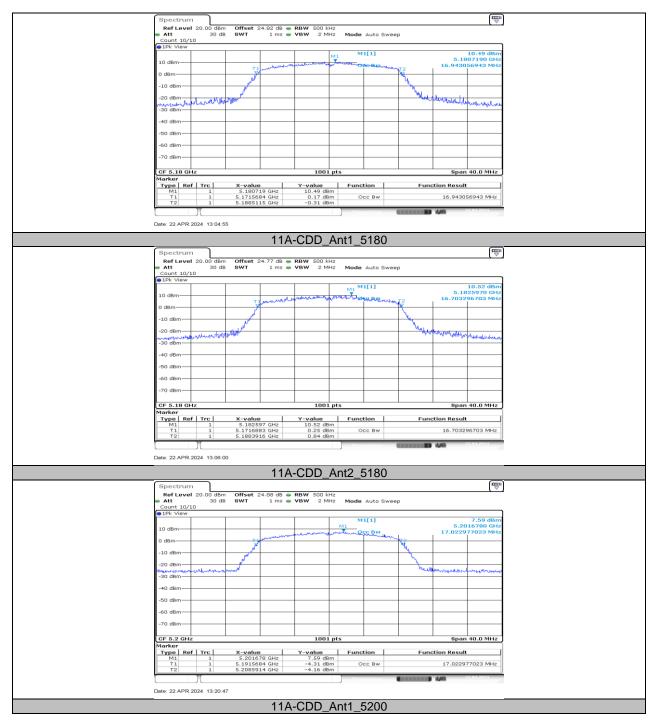
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|            | · · · · · · · · · · · · · · · · · · · |              | 1      |           |           |      |
|------------|---------------------------------------|--------------|--------|-----------|-----------|------|
|            | Ant2                                  | 5720_UNII-3  | 3.871  | 5725      | 5728.8711 | PASS |
|            | Ant1                                  | 5745         | 18.102 | 5735.9291 | 5754.0310 | PASS |
|            | Ant2                                  | 5745         | 17.702 | 5736.1289 | 5753.8312 | PASS |
|            | Ant1                                  | 5785         | 18.062 | 5775.9690 | 5794.0310 | PASS |
|            | Ant2                                  | 5785         | 17.742 | 5776.1289 | 5793.8711 | PASS |
|            | Ant1                                  | 5825         | 18.062 | 5816.0090 | 5834.0709 | PASS |
|            | Ant2                                  | 5825         | 17.742 | 5816.1289 | 5833.8711 | PASS |
|            | Ant1                                  | 5190         | 36.364 | 5172.0180 | 5208.3816 | PASS |
|            | Ant2                                  | 5190         | 36.603 | 5171.7782 | 5208.3816 | PASS |
|            | Ant1                                  | 5230         | 36.284 | 5211.9381 | 5248.2218 | PASS |
|            | Ant2                                  | 5230         | 36.284 | 5211.9381 | 5248.2218 | PASS |
|            | Ant1                                  | 5270         | 36.444 | 5251.8581 | 5288.3017 | PASS |
|            | Ant2                                  | 5270         | 36.284 | 5252.0180 | 5288.3017 | PASS |
|            | Ant1                                  | 5310         | 36.364 | 5291.9381 | 5328.3017 | PASS |
|            | Ant2                                  | 5310         | 36.204 | 5292.0180 | 5328.2218 | PASS |
|            | Ant1                                  | 5510         | 36.603 | 5491.6983 | 5528.3017 | PASS |
|            | Ant2                                  | 5510         | 36.364 | 5491.8581 | 5528.2218 | PASS |
|            | Ant1                                  | 5550         | 36.444 | 5531.8581 | 5568.3017 | PASS |
|            | Ant2                                  | 5550         | 36.364 | 5531.8581 | 5568.2218 | PASS |
| 11N40MIMO  | Ant1                                  | 5670         | 36.683 | 5651.6983 | 5688.3816 | PASS |
|            | Ant2                                  | 5670         | 36.523 | 5651.7782 | 5688.3017 | PASS |
|            | Ant1                                  | 5710         | 36.603 | 5691.6983 | 5728.3017 | PASS |
|            | Ant2                                  | 5710         | 36.523 | 5691.7782 | 5728.3017 | PASS |
|            | Ant1                                  | 5710_UNII-2C | 33.302 | 5691.6983 | 5725      | PASS |
|            | Ant2                                  | 5710_UNII-2C | 33.222 | 5691.7782 | 5725      | PASS |
|            | Ant1                                  | 5710_UNII-3  | 3.302  | 5725      | 5728.3017 | PASS |
|            | Ant2                                  | 5710_UNII-3  | 3.302  | 5725      | 5728.3017 | PASS |
|            | Ant1                                  | 5755         | 36.683 | 5736.6184 | 5773.3017 | PASS |
|            | Ant2                                  | 5755         | 36.444 | 5736.7782 | 5773.2218 | PASS |
|            | Ant1                                  | 5795         | 36.603 | 5776.7782 | 5813.3816 | PASS |
|            | Ant2                                  | 5795         | 36.523 | 5776.7782 | 5813.3017 | PASS |
| 11AC80MIMO | Ant1                                  | 5210         | 76.244 | 5172.1179 | 5248.3616 | PASS |
|            | Ant2                                  | 5210         | 76.404 | 5171.9580 | 5248.3616 | PASS |
|            | Ant1                                  | 5290         | 76.563 | 5251.9580 | 5328.5215 | PASS |
|            | Ant2                                  | 5290         | 76.404 | 5251.9580 | 5328.3616 | PASS |
|            | Ant1                                  | 5530         | 76.563 | 5491.7982 | 5568.3616 | PASS |
|            | Ant2                                  | 5530         | 76.404 | 5491.7982 | 5568.2018 | PASS |
|            | Ant1                                  | 5610         | 76.883 | 5571.6384 | 5648.5215 | PASS |
|            | Ant2                                  | 5610         | 76.563 | 5571.7982 | 5648.3616 | PASS |
|            | Ant1                                  | 5690         | 77.043 | 5651.6384 | 5728.6813 | PASS |
|            | Ant2                                  | 5690         | 76.563 | 5651.7982 | 5728.3616 | PASS |
|            | Ant1                                  | 5690_UNII-2C | 73.362 | 5651.6384 | 5725      | PASS |
|            | Ant2                                  | 5690_UNII-2C | 73.202 | 5651.7982 | 5725      | PASS |
|            | Ant1                                  | 5690_UNII-3  | 3.681  | 5725      | 5728.6813 | PASS |
|            | Ant2                                  | 5690_UNII-3  | 3.362  | 5725      | 5728.3616 | PASS |
|            | Ant1                                  | 5775         | 80.4   | 5735.5195 | 5815.9191 | PASS |
|            | Ant2                                  | 5775         | 76.723 | 5736.6384 | 5813.3616 | PASS |
|            |                                       | 5115         | 10.120 | 5750.0504 | 3013.3010 | 1700 |



## 11.2.2. Test Graphs



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