

Appendix: 5G WIFI

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Appendix A: Emission Bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------------|---------|----------------|----------------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 21.240 | 5169.400 | 5190.640 | --- | --- |
| 11A | Ant1 | 5200 | 21.080 | 5189.440 | 5210.520 | --- | --- |
| 11A | Ant1 | 5240 | 21.000 | 5229.520 | 5250.520 | --- | --- |
| 11A | Ant1 | 5745 | 20.920 | 5734.600 | 5755.520 | --- | --- |
| 11A | Ant1 | 5785 | 21.080 | 5774.520 | 5795.600 | --- | --- |
| 11A | Ant1 | 5825 | 20.880 | 5814.680 | 5835.560 | --- | --- |
| 11N20SI SO | Ant1 | 5180 | 21.360 | 5169.360 | 5190.720 | --- | --- |
| 11N20SI SO | Ant1 | 5200 | 21.600 | 5189.200 | 5210.800 | --- | --- |
| 11N20SI SO | Ant1 | 5240 | 21.440 | 5229.520 | 5250.960 | --- | --- |
| 11N20SI SO | Ant1 | 5745 | 21.640 | 5734.480 | 5756.120 | --- | --- |
| 11N20SI SO | Ant1 | 5785 | 21.320 | 5774.200 | 5795.520 | --- | --- |
| 11N20SI SO | Ant1 | 5825 | 21.320 | 5814.440 | 5835.760 | --- | --- |
| 11N40SI SO | Ant1 | 5190 | 39.760 | 5170.320 | 5210.080 | --- | --- |
| 11N40SI SO | Ant1 | 5230 | 39.440 | 5210.240 | 5249.680 | --- | --- |
| 11N40SI SO | Ant1 | 5755 | 39.520 | 5735.320 | 5774.840 | --- | --- |
| 11N40SI SO | Ant1 | 5795 | 39.200 | 5775.480 | 5814.680 | --- | --- |
| 11AC20S ISO | Ant1 | 5180 | 21.000 | 5169.640 | 5190.640 | --- | --- |
| 11AC20S ISO | Ant1 | 5200 | 21.240 | 5189.440 | 5210.680 | --- | --- |
| 11AC20S ISO | Ant1 | 5240 | 21.160 | 5229.440 | 5250.600 | --- | --- |
| 11AC20S | Ant1 | 5745 | 21.360 | 5734.440 | 5755.800 | --- | --- |

| | | | | | | | |
|----------------|------|------|--------|----------|----------|-----|-----|
| ISO | | | | | | | |
| 11AC20S ISO | Ant1 | 5785 | 21.680 | 5774.160 | 5795.840 | --- | --- |
| 11AC20S ISO | Ant1 | 5825 | 21.200 | 5814.480 | 5835.680 | --- | --- |
| 11AC40S ISO | Ant1 | 5190 | 39.600 | 5170.400 | 5210.000 | --- | --- |
| 11AC40S ISO | Ant1 | 5230 | 40.000 | 5210.160 | 5250.160 | --- | --- |
| 11AC40S ISO | Ant1 | 5755 | 39.760 | 5735.160 | 5774.920 | --- | --- |
| 11AC40S ISO | Ant1 | 5795 | 39.040 | 5775.640 | 5814.680 | --- | --- |
| 11AC80S ISO | Ant1 | 5210 | 80.640 | 5169.840 | 5250.480 | --- | --- |
| 11AC80S ISO | Ant1 | 5775 | 80.640 | 5734.680 | 5815.320 | --- | --- |

Test Graphs







11A-Ant1-5240



11A-Ant1-5745



11A-Ant1-5785



11A-Ant1-5825









11N20SISO-Ant1-5745











11N40SISO-Ant1-5755



11N40SISO-Ant1-5795



11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200



11AC20SISO-Ant1-5240









11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230







11AC80SISO-Ant1-5210



11AC80SISO-Ant1-5775

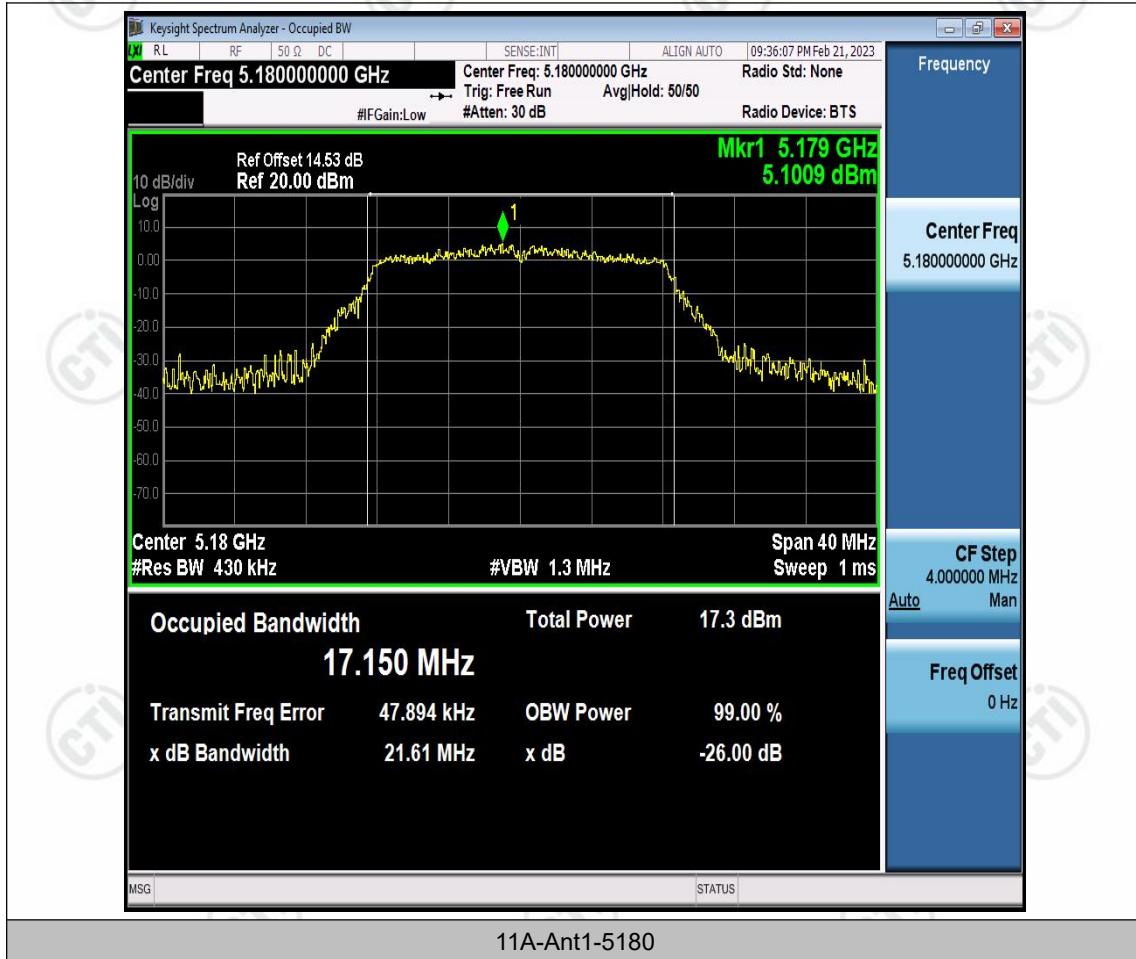
Appendix B: Occupied channel bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 11A | Ant1 | 5180 | 17.150 | 5171.4729 | 5188.6229 | --- | --- |
| 11A | Ant1 | 5200 | 17.196 | 5191.4437 | 5208.6397 | --- | --- |
| 11A | Ant1 | 5240 | 17.235 | 5231.4432 | 5248.6782 | --- | --- |
| 11A | Ant1 | 5745 | 17.138 | 5736.4597 | 5753.5977 | --- | --- |
| 11A | Ant1 | 5785 | 17.154 | 5776.4049 | 5793.5589 | --- | --- |
| 11A | Ant1 | 5825 | 17.163 | 5816.4692 | 5833.6322 | --- | --- |
| 11N20SI SO | Ant1 | 5180 | 18.134 | 5170.9340 | 5189.0680 | --- | --- |
| 11N20SI SO | Ant1 | 5200 | 18.150 | 5190.9829 | 5209.1329 | --- | --- |
| 11N20SI SO | Ant1 | 5240 | 18.069 | 5231.0284 | 5249.0974 | --- | --- |
| 11N20SI SO | Ant1 | 5745 | 18.180 | 5735.9555 | 5754.1355 | --- | --- |
| 11N20SI SO | Ant1 | 5785 | 18.176 | 5775.9530 | 5794.1290 | --- | --- |
| 11N20SI SO | Ant1 | 5825 | 18.207 | 5815.9196 | 5834.1266 | --- | --- |
| 11N40SI SO | Ant1 | 5190 | 36.321 | 5171.9152 | 5208.2362 | --- | --- |
| 11N40SI SO | Ant1 | 5230 | 36.322 | 5211.9318 | 5248.2538 | --- | --- |
| 11N40SI SO | Ant1 | 5755 | 36.375 | 5736.8970 | 5773.2720 | --- | --- |
| 11N40SI SO | Ant1 | 5795 | 36.460 | 5776.8521 | 5813.3121 | --- | --- |
| 11AC20S ISO | Ant1 | 5180 | 18.166 | 5170.9258 | 5189.0918 | --- | --- |
| 11AC20S ISO | Ant1 | 5200 | 18.170 | 5190.9660 | 5209.1360 | --- | --- |
| 11AC20S ISO | Ant1 | 5240 | 18.148 | 5230.9760 | 5249.1240 | --- | --- |
| 11AC20S ISO | Ant1 | 5745 | 18.159 | 5735.9657 | 5754.1247 | --- | --- |
| 11AC20S | Ant1 | 5785 | 18.180 | 5775.9740 | 5794.1540 | --- | --- |

| | | | | | | | |
|----------------|------|------|--------|-----------|-----------|-----|-----|
| ISO | | | | | | | |
| 11AC20S ISO | Ant1 | 5825 | 18.145 | 5815.9565 | 5834.1015 | --- | --- |
| 11AC40S ISO | Ant1 | 5190 | 36.355 | 5171.8882 | 5208.2432 | --- | --- |
| 11AC40S ISO | Ant1 | 5230 | 36.299 | 5211.9129 | 5248.2119 | --- | --- |
| 11AC40S ISO | Ant1 | 5755 | 36.339 | 5736.9143 | 5773.2533 | --- | --- |
| 11AC40S ISO | Ant1 | 5795 | 36.277 | 5776.9234 | 5813.2004 | --- | --- |
| 11AC80S ISO | Ant1 | 5210 | 75.769 | 5172.2974 | 5248.0664 | --- | --- |
| 11AC80S ISO | Ant1 | 5775 | 75.848 | 5737.2261 | 5813.0741 | --- | --- |

Test Graphs



11A-Ant1-5180

