

## Appendix: 5G Wi-Fi Band 1, 4

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## Appendix A1: Emission Bandwidth

### Test Result

| TestMode   | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------|---------|---------|------------|---------|
| 11A        | Ant1    | 5180           | 21.84          | 5169.56 | 5191.40 | ---        | ---     |
| 11A        | Ant1    | 5220           | 22.32          | 5209.56 | 5231.88 | ---        | ---     |
| 11A        | Ant1    | 5240           | 21.64          | 5229.56 | 5251.20 | ---        | ---     |
| 11A        | Ant1    | 5745           | 21.00          | 5734.64 | 5755.64 | ---        | ---     |
| 11A        | Ant1    | 5785           | 20.96          | 5774.68 | 5795.64 | ---        | ---     |
| 11A        | Ant1    | 5825           | 20.92          | 5814.72 | 5835.64 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | 22.72          | 5169.48 | 5192.20 | ---        | ---     |
| 11N20SISO  | Ant1    | 5220           | 24.84          | 5209.08 | 5233.92 | ---        | ---     |
| 11N20SISO  | Ant1    | 5240           | 24.28          | 5229.40 | 5253.68 | ---        | ---     |
| 11N20SISO  | Ant1    | 5745           | 21.56          | 5734.44 | 5756.00 | ---        | ---     |
| 11N20SISO  | Ant1    | 5785           | 21.20          | 5774.56 | 5795.76 | ---        | ---     |
| 11N20SISO  | Ant1    | 5825           | 21.32          | 5814.48 | 5835.80 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | 48.08          | 5170.40 | 5218.48 | ---        | ---     |
| 11N40SISO  | Ant1    | 5230           | 49.12          | 5210.08 | 5259.20 | ---        | ---     |
| 11N40SISO  | Ant1    | 5755           | 40.16          | 5735.00 | 5775.16 | ---        | ---     |
| 11N40SISO  | Ant1    | 5795           | 40.08          | 5775.08 | 5815.16 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | 21.72          | 5169.52 | 5191.24 | ---        | ---     |
| 11AC20SISO | Ant1    | 5220           | 24.80          | 5209.44 | 5234.24 | ---        | ---     |
| 11AC20SISO | Ant1    | 5240           | 23.64          | 5229.00 | 5252.64 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745           | 21.56          | 5734.32 | 5755.88 | ---        | ---     |
| 11AC20SISO | Ant1    | 5785           | 21.36          | 5774.48 | 5795.84 | ---        | ---     |
| 11AC20SISO | Ant1    | 5825           | 21.28          | 5814.52 | 5835.80 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 47.76          | 5170.32 | 5218.08 | ---        | ---     |
| 11AC40SISO | Ant1    | 5230           | 50.72          | 5210.16 | 5260.88 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755           | 40.08          | 5735.24 | 5775.32 | ---        | ---     |
| 11AC40SISO | Ant1    | 5795           | 40.32          | 5775.08 | 5815.40 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 100.16         | 5169.68 | 5269.84 | ---        | ---     |
| 11AC80SISO | Ant1    | 5775           | 81.92          | 5734.04 | 5815.96 | ---        | ---     |

Test Graphs





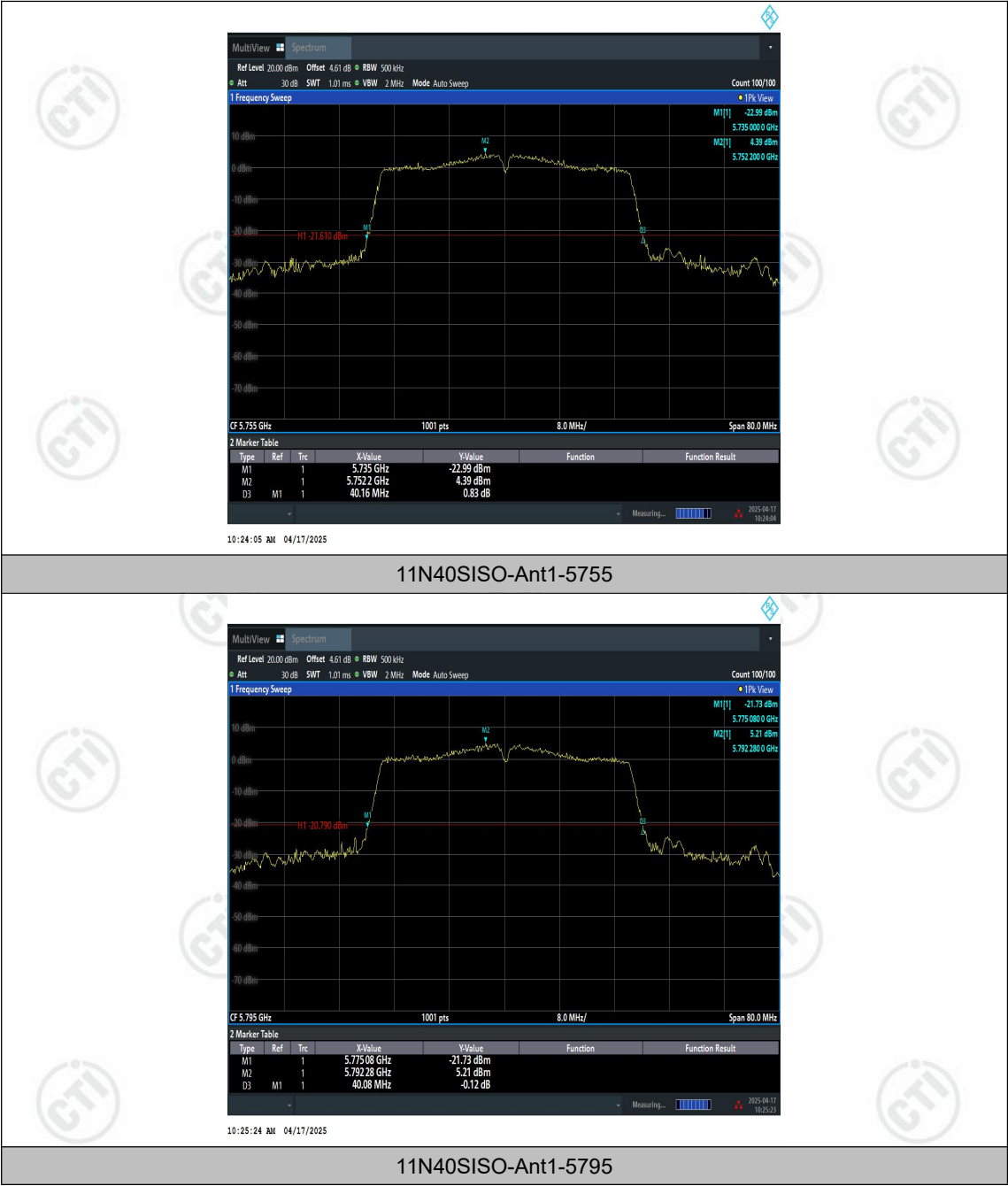






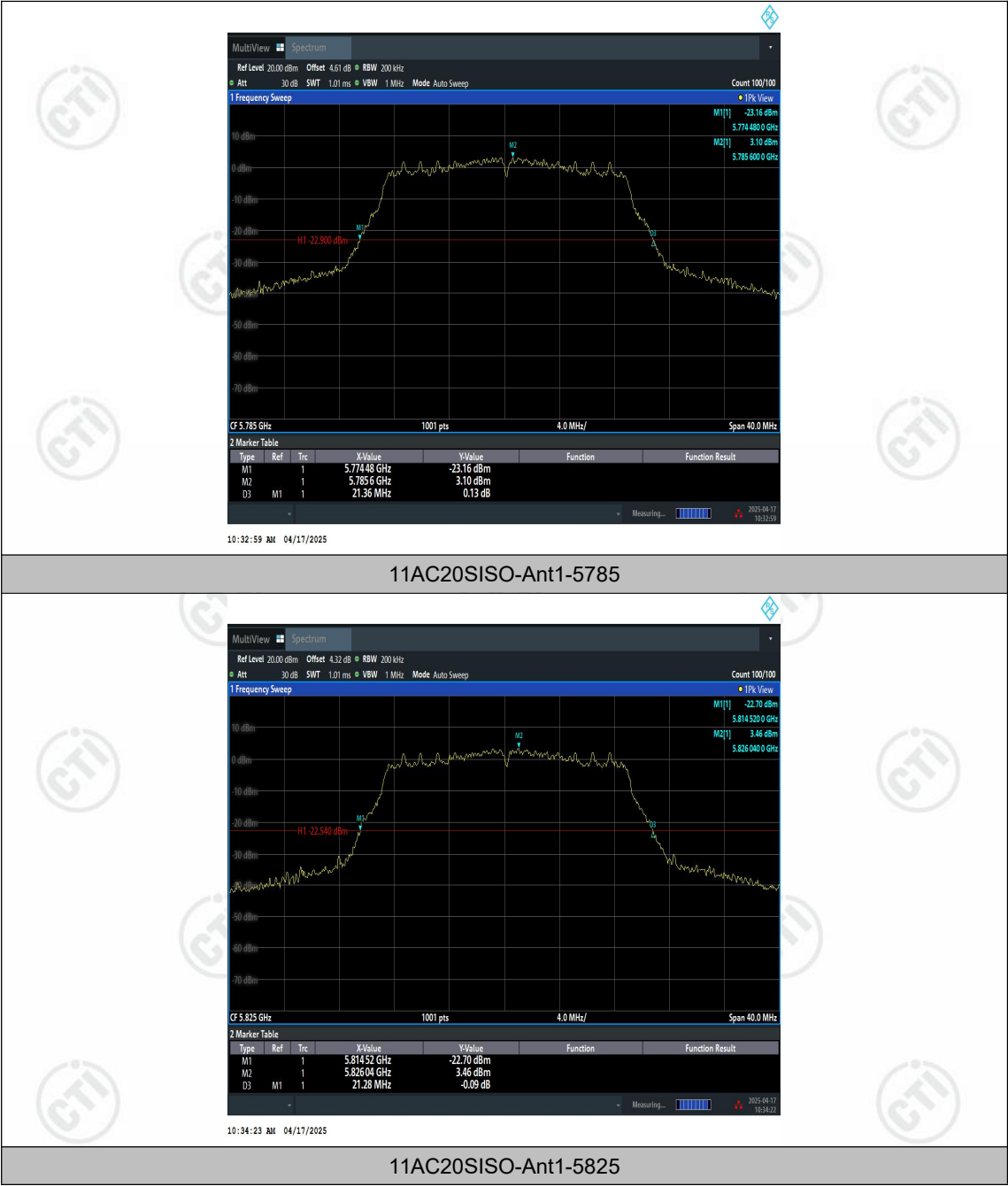


















## Appendix A2: Occupied channel bandwidth

### Test Result

| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180           | 18.014    | 5171.1796 | 5189.1935 | ---        | ---     |
| 11A        | Ant1    | 5220           | 18.08     | 5211.1931 | 5229.2733 | ---        | ---     |
| 11A        | Ant1    | 5240           | 17.95     | 5231.1837 | 5249.1338 | ---        | ---     |
| 11A        | Ant1    | 5745           | 17.618    | 5736.2734 | 5753.8913 | ---        | ---     |
| 11A        | Ant1    | 5785           | 17.576    | 5776.3146 | 5793.8904 | ---        | ---     |
| 11A        | Ant1    | 5825           | 17.577    | 5816.3521 | 5833.9292 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | 18.636    | 5170.9525 | 5189.5883 | ---        | ---     |
| 11N20SISO  | Ant1    | 5220           | 18.927    | 5210.8225 | 5229.7494 | ---        | ---     |
| 11N20SISO  | Ant1    | 5240           | 18.642    | 5230.9043 | 5249.5467 | ---        | ---     |
| 11N20SISO  | Ant1    | 5745           | 18.492    | 5735.8769 | 5754.3685 | ---        | ---     |
| 11N20SISO  | Ant1    | 5785           | 18.462    | 5775.8908 | 5794.3526 | ---        | ---     |
| 11N20SISO  | Ant1    | 5825           | 18.404    | 5815.9857 | 5834.3899 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | 36.571    | 5172.0448 | 5208.6161 | ---        | ---     |
| 11N40SISO  | Ant1    | 5230           | 36.683    | 5211.9981 | 5248.6809 | ---        | ---     |
| 11N40SISO  | Ant1    | 5755           | 36.478    | 5736.9066 | 5773.3850 | ---        | ---     |
| 11N40SISO  | Ant1    | 5795           | 36.442    | 5776.9248 | 5813.3673 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | 18.512    | 5170.9673 | 5189.4797 | ---        | ---     |
| 11AC20SISO | Ant1    | 5220           | 18.868    | 5210.8259 | 5229.6941 | ---        | ---     |
| 11AC20SISO | Ant1    | 5240           | 18.678    | 5230.8685 | 5249.5461 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745           | 18.499    | 5735.8555 | 5754.3541 | ---        | ---     |
| 11AC20SISO | Ant1    | 5785           | 18.411    | 5775.9366 | 5794.3471 | ---        | ---     |
| 11AC20SISO | Ant1    | 5825           | 18.465    | 5815.9167 | 5834.3817 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 36.636    | 5172.0488 | 5208.6846 | ---        | ---     |
| 11AC40SISO | Ant1    | 5230           | 36.701    | 5211.9780 | 5248.6794 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755           | 36.411    | 5736.9226 | 5773.3338 | ---        | ---     |
| 11AC40SISO | Ant1    | 5795           | 36.426    | 5776.9215 | 5813.3478 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 75.882    | 5172.6679 | 5248.5500 | ---        | ---     |
| 11AC80SISO | Ant1    | 5775           | 75.625    | 5737.2944 | 5812.9198 | ---        | ---     |

Test Graphs









