

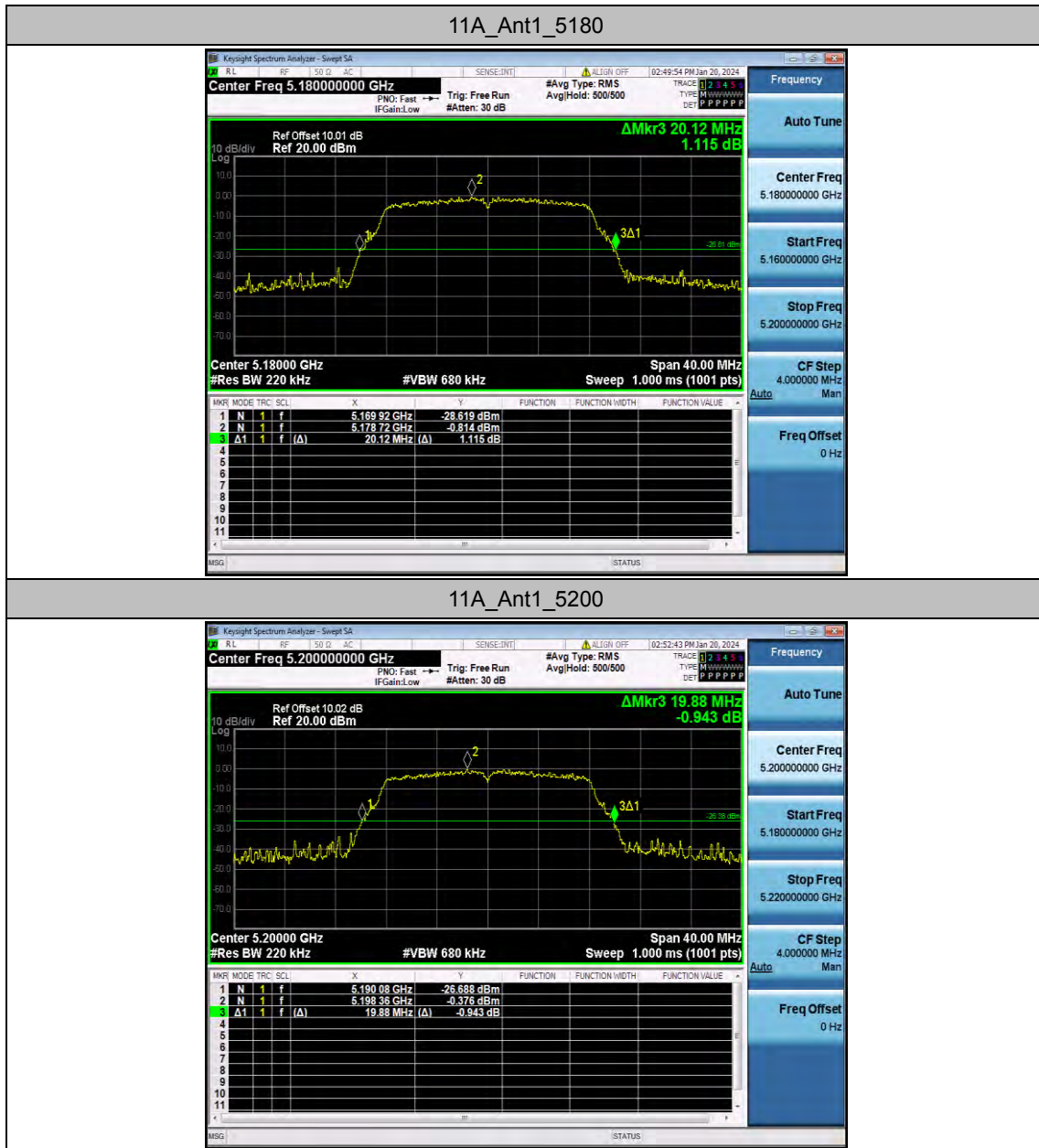
|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20231018011-1-67</u>          |                                          |
| <b>Ambient Condition:</b> <u>22</u> °C, <u>49</u> %RH |                                          |
| <b>According Standard:</b> ■Part15E                   |                                          |
| <b>Test Date:</b> <u>2024.1.19</u>                    | <b>Test Engineer:</b> <u>Evan ouyang</u> |

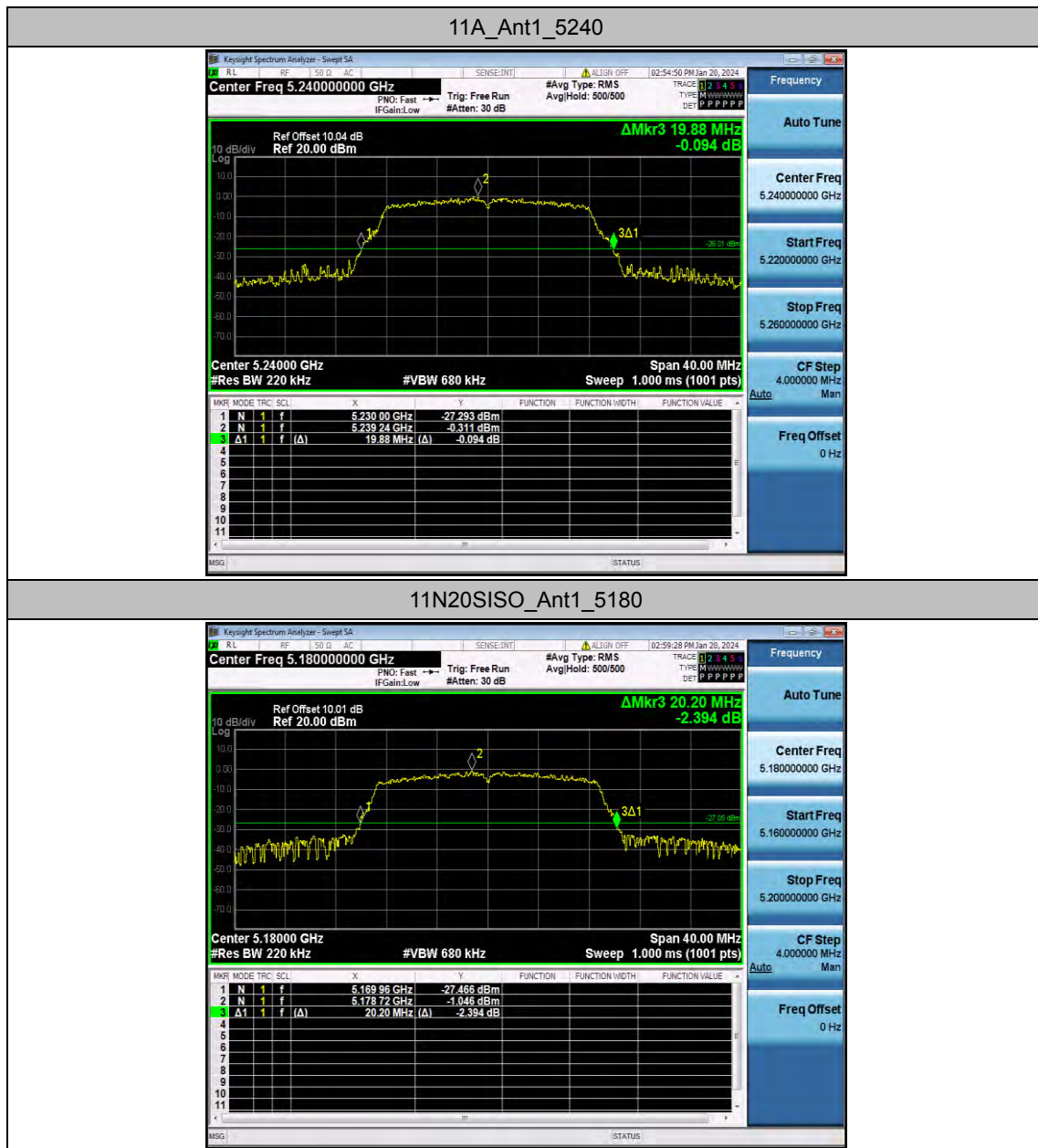
## Appendix D.1: Emission Bandwidth

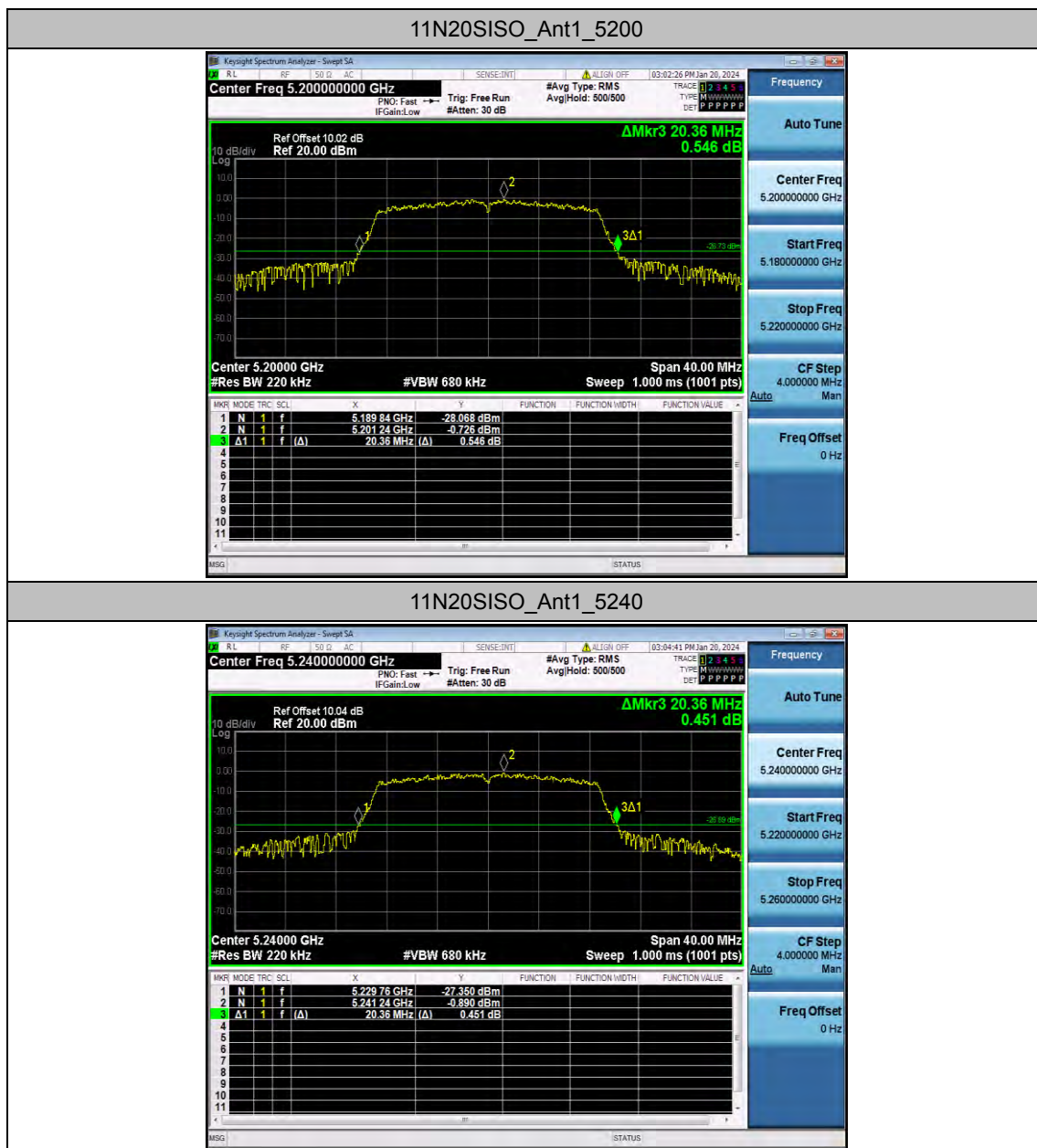
### Test Result

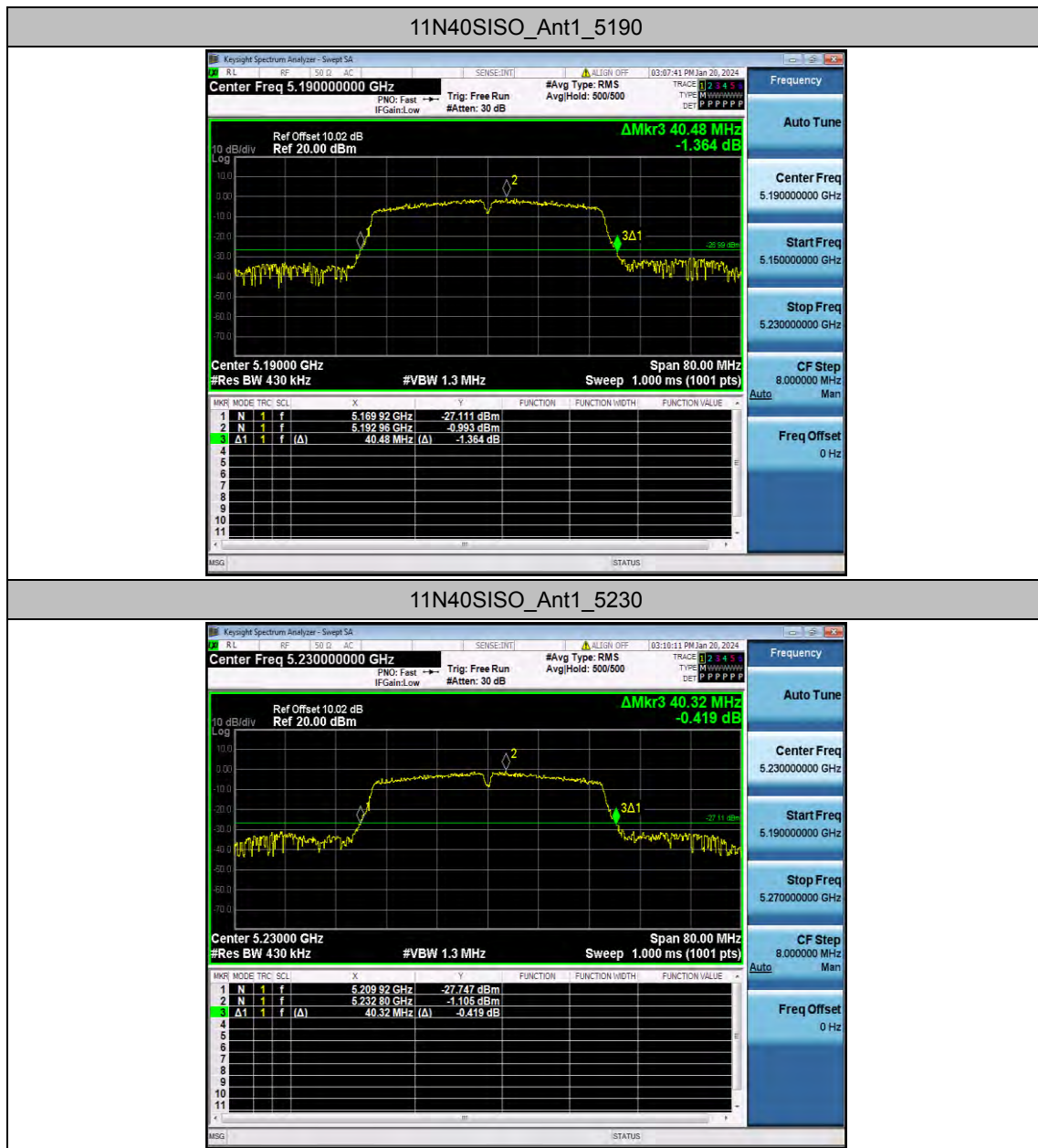
| TestMode   | Antenna | Freq(MHz) | 26db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|----------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180      | 20.120         | 5169.920 | 5190.040 | ---        | ---     |
|            |         | 5200      | 19.880         | 5190.080 | 5209.960 | ---        | ---     |
|            |         | 5240      | 19.880         | 5230.000 | 5249.880 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180      | 20.200         | 5169.960 | 5190.160 | ---        | ---     |
|            |         | 5200      | 20.360         | 5189.840 | 5210.200 | ---        | ---     |
|            |         | 5240      | 20.360         | 5229.760 | 5250.120 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190      | 40.480         | 5169.920 | 5210.400 | ---        | ---     |
|            |         | 5230      | 40.320         | 5209.920 | 5250.240 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 20.360         | 5169.920 | 5190.280 | ---        | ---     |
|            |         | 5200      | 20.280         | 5189.960 | 5210.240 | ---        | ---     |
|            |         | 5240      | 20.320         | 5229.800 | 5250.120 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190      | 40.640         | 5169.840 | 5210.480 | ---        | ---     |
|            |         | 5230      | 40.400         | 5209.680 | 5250.080 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210      | 80.320         | 5170.000 | 5250.320 | ---        | ---     |

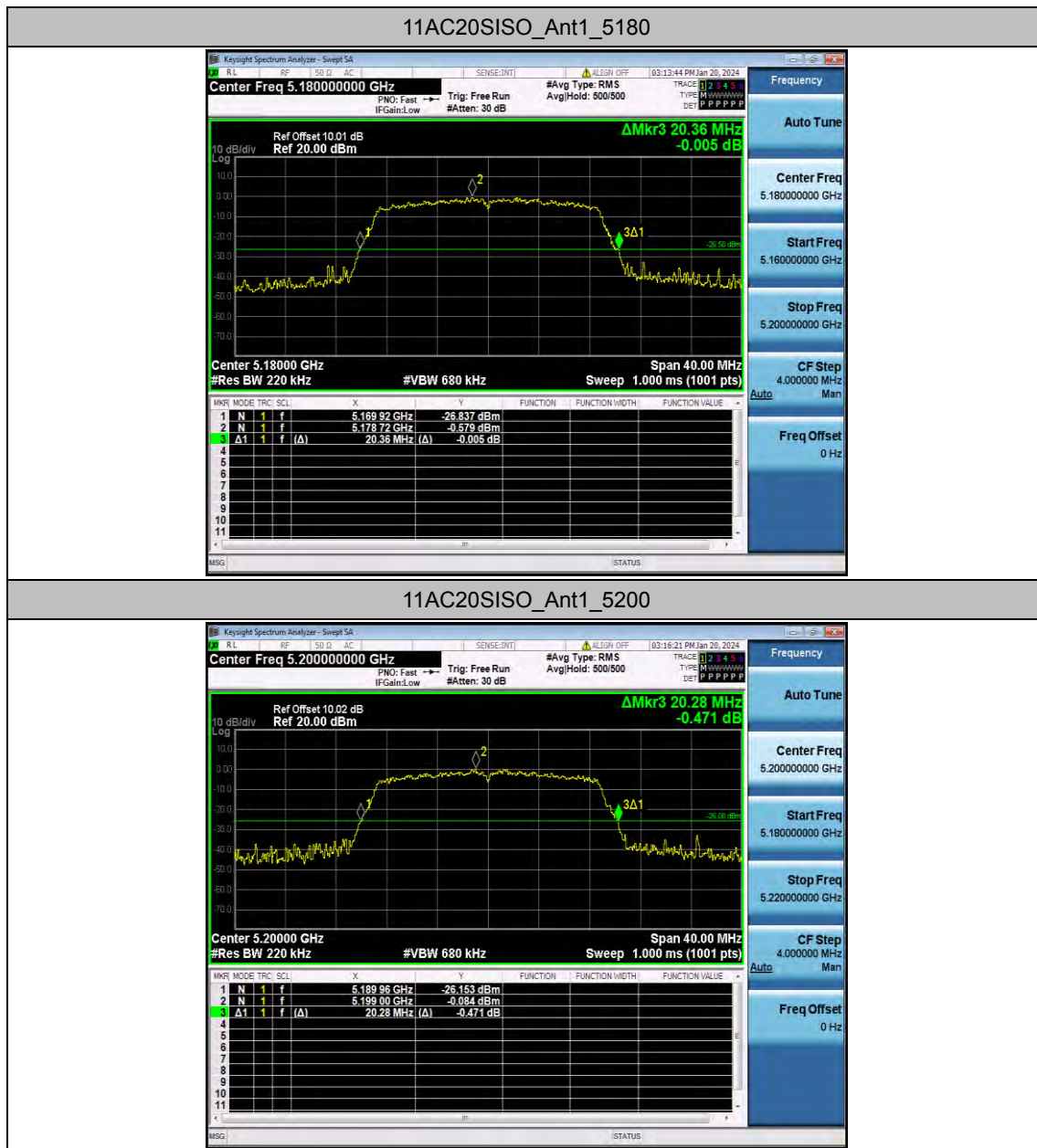
## Test Graphs

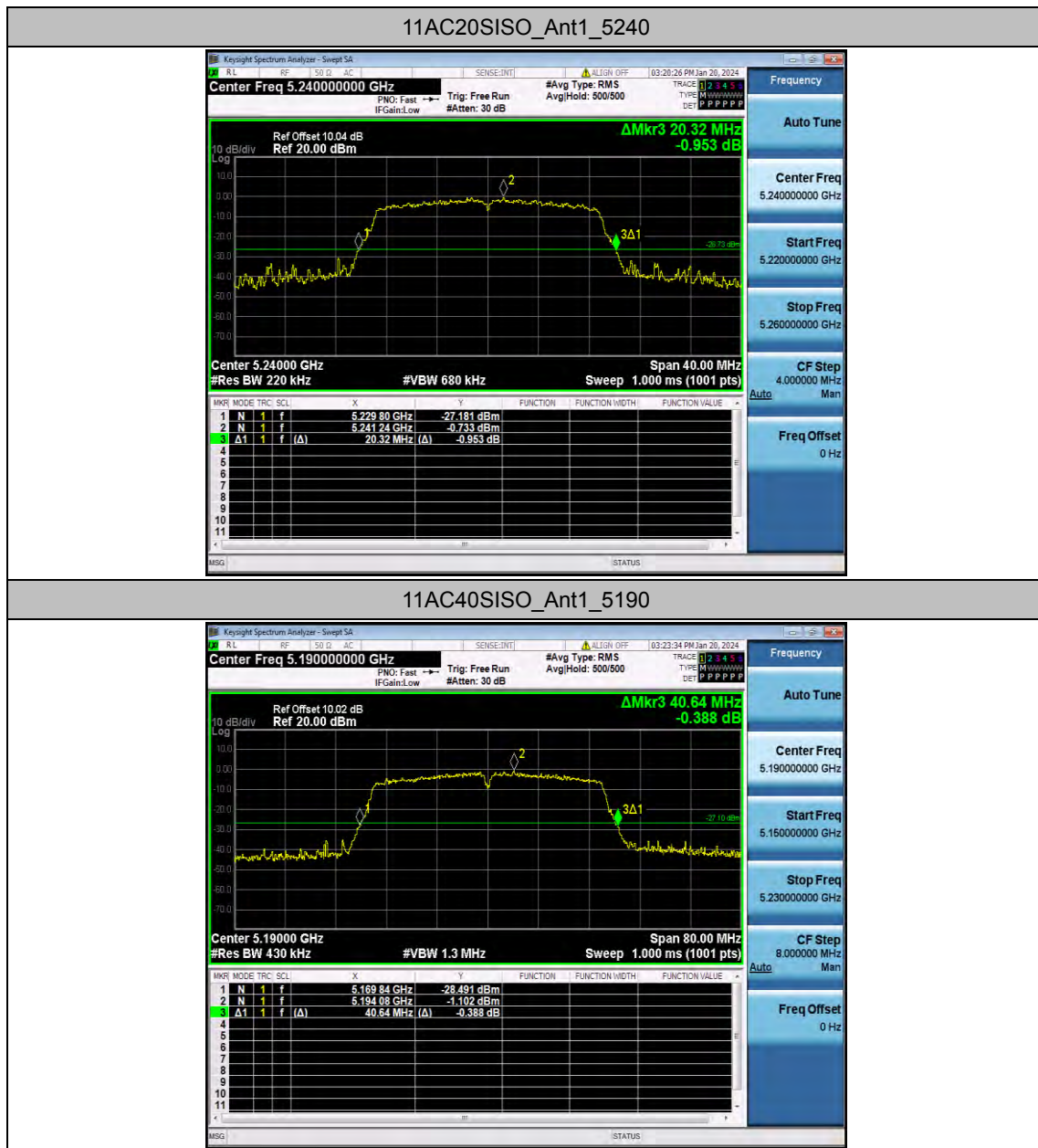












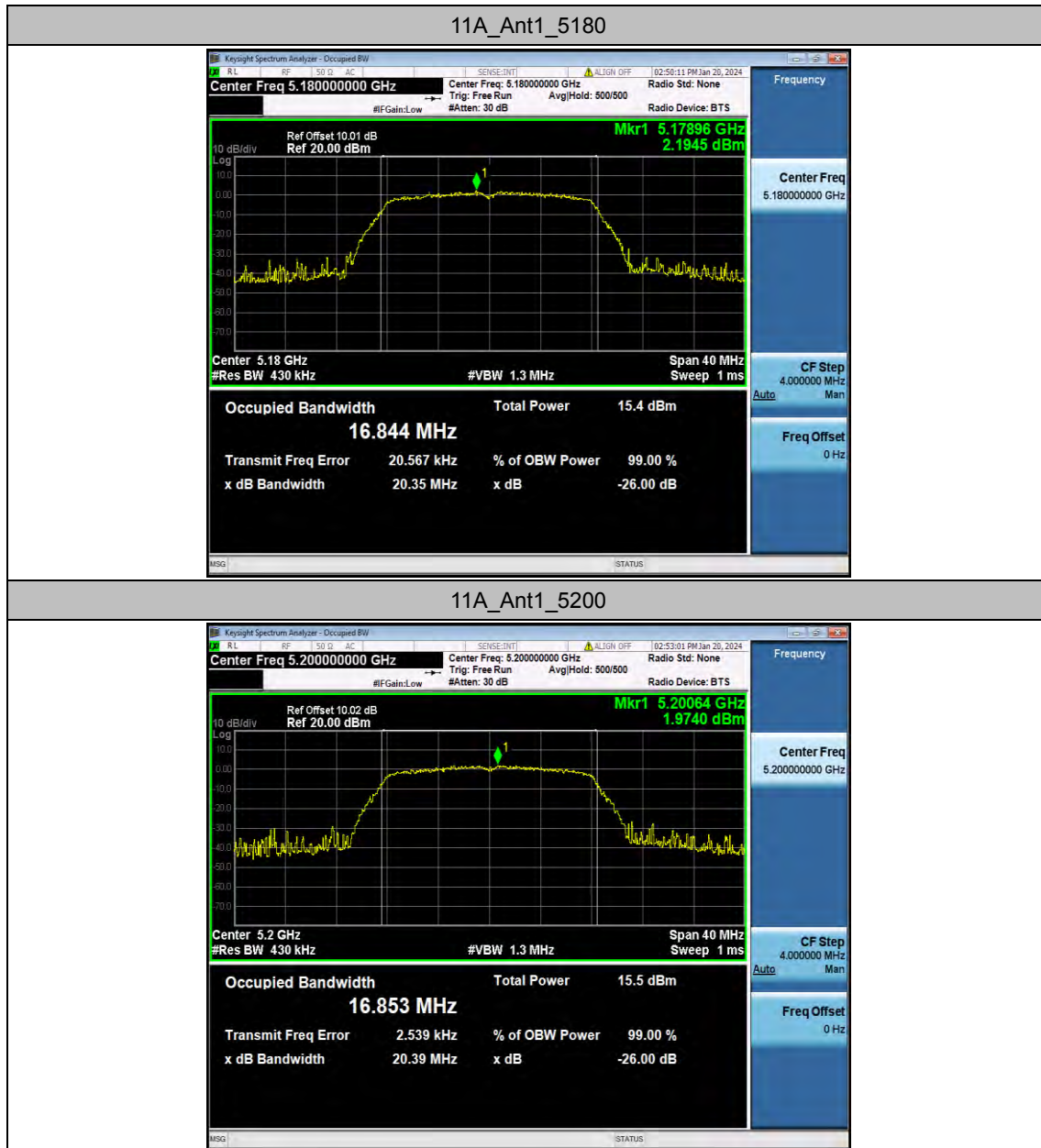


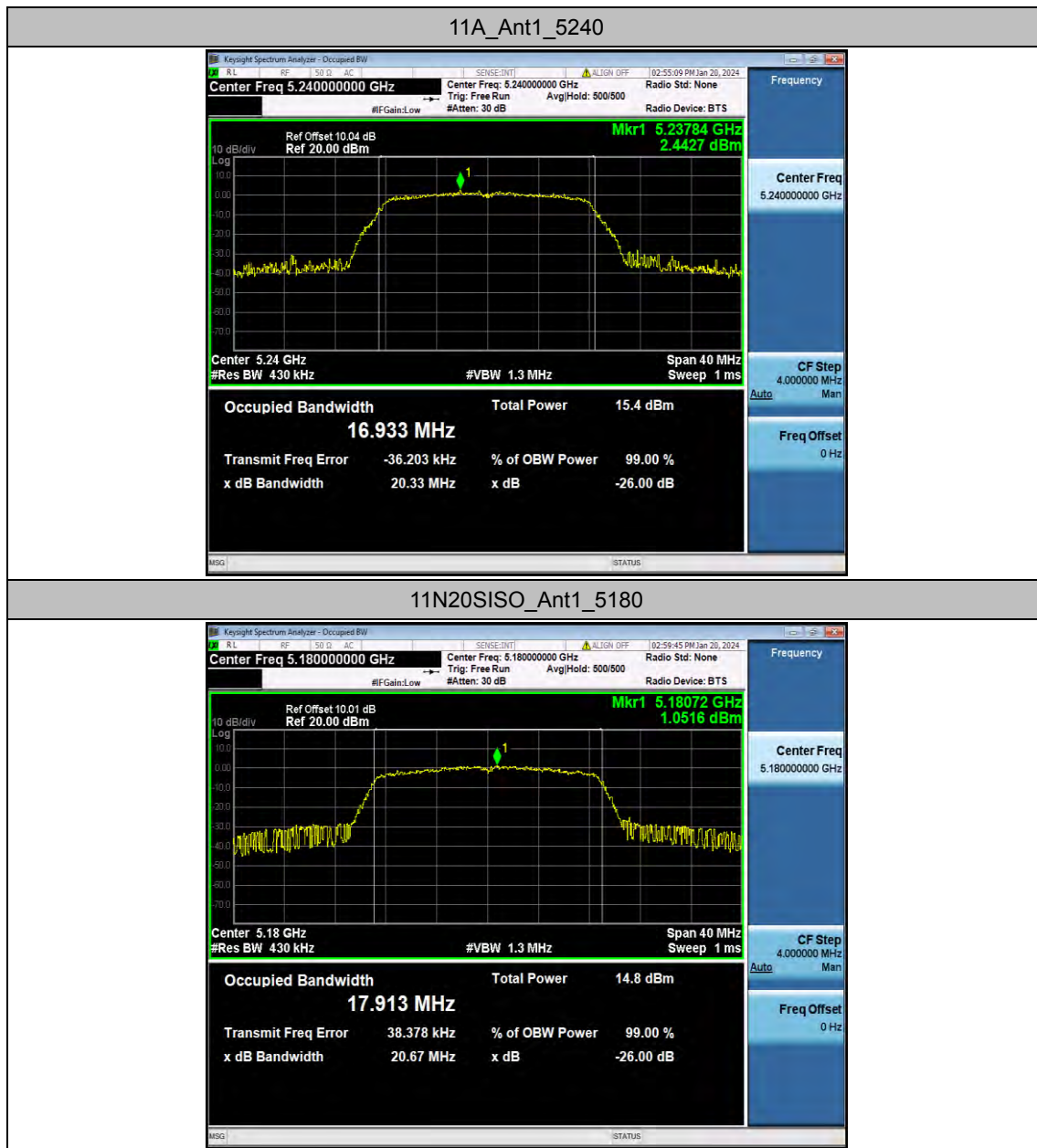
## Appendix D.2: Occupied channel bandwidth

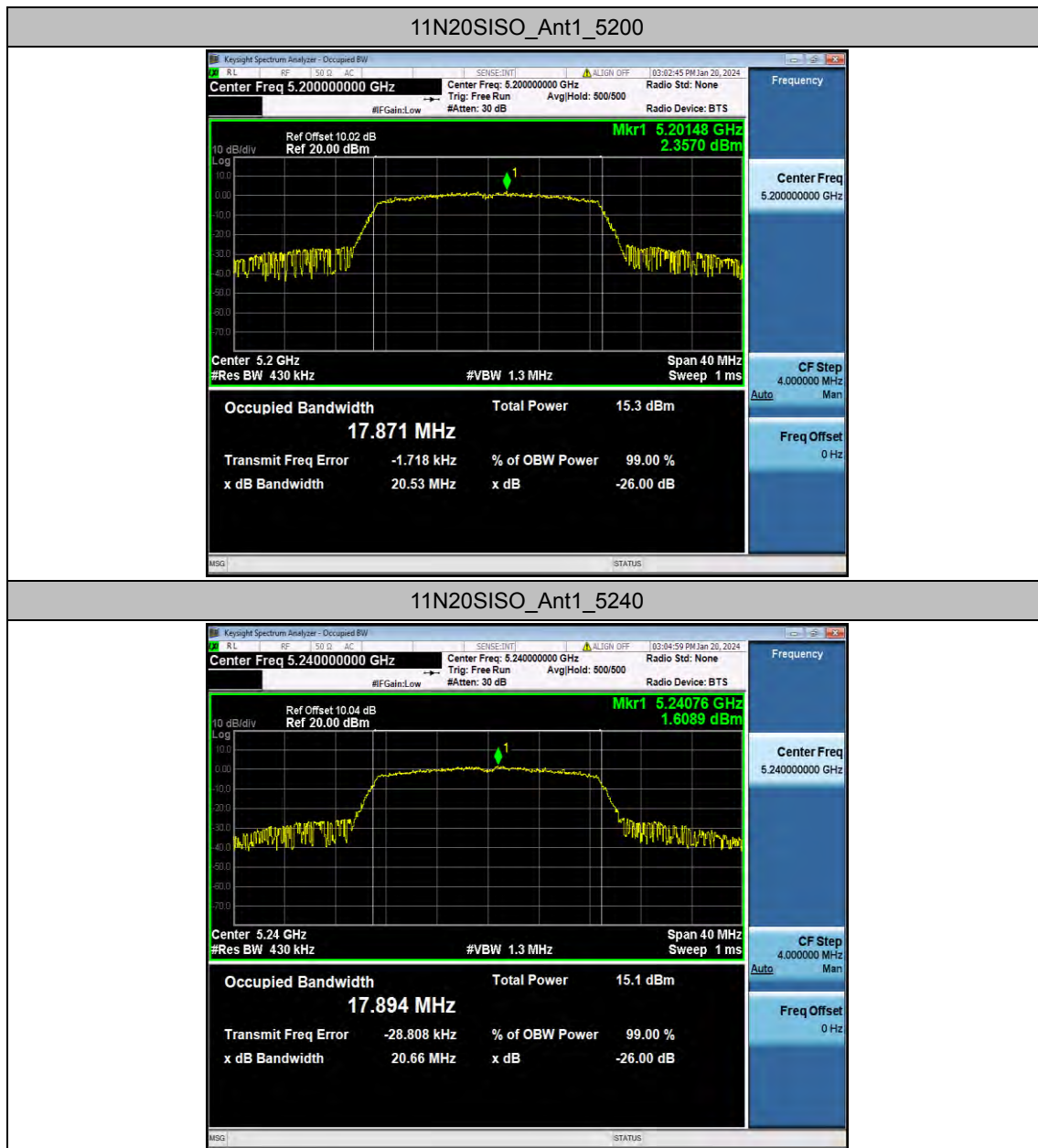
### Test Result

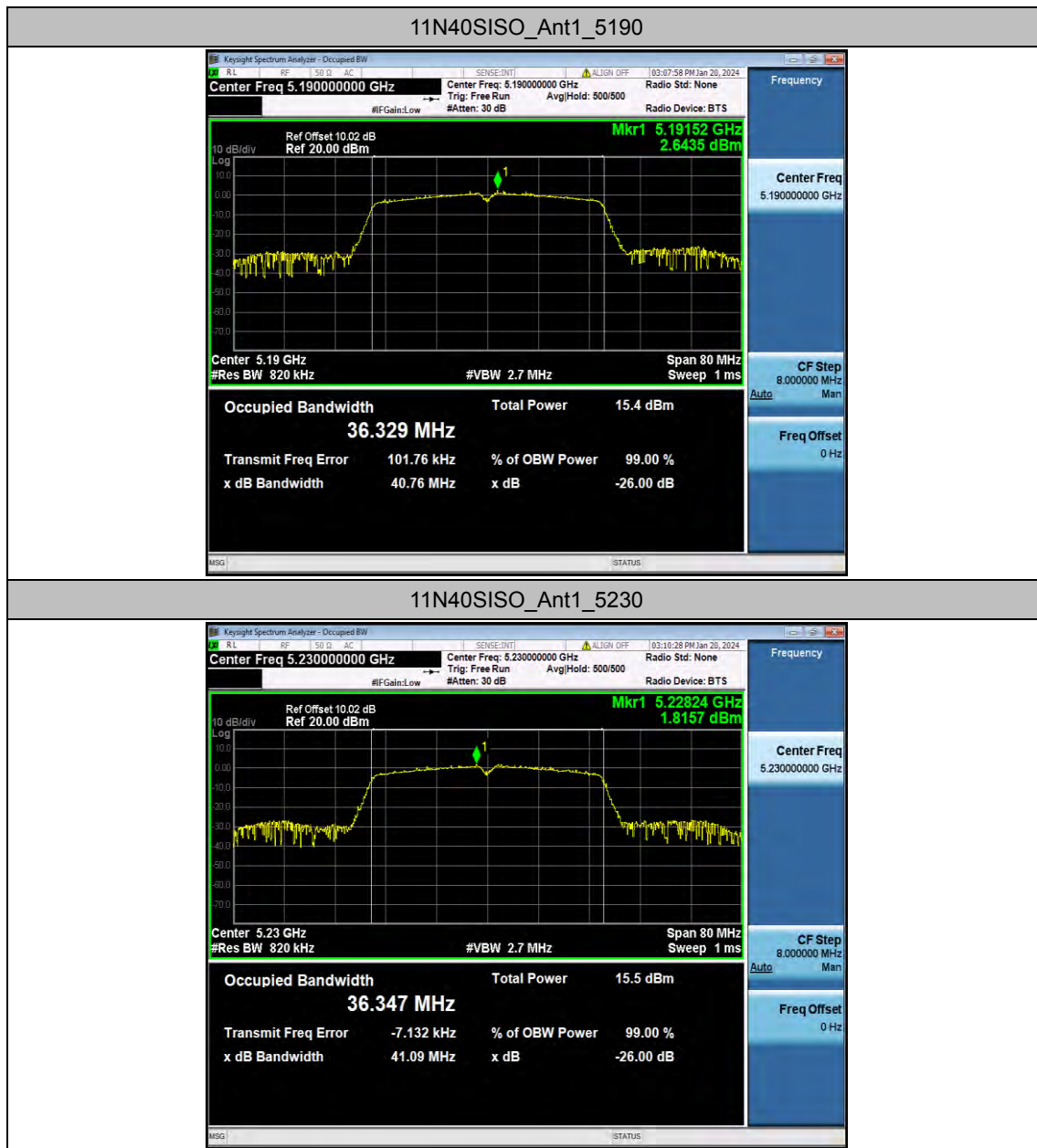
| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180      | 16.844    | 5171.5986 | 5188.4426 | ---        | ---     |
|            |         | 5200      | 16.853    | 5191.5760 | 5208.4290 | ---        | ---     |
|            |         | 5240      | 16.933    | 5231.4973 | 5248.4303 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180      | 17.913    | 5171.0819 | 5188.9949 | ---        | ---     |
|            |         | 5200      | 17.871    | 5191.0628 | 5208.9338 | ---        | ---     |
|            |         | 5240      | 17.894    | 5231.0242 | 5248.9182 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190      | 36.329    | 5171.9373 | 5208.2663 | ---        | ---     |
|            |         | 5230      | 36.347    | 5211.8194 | 5248.1664 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 17.854    | 5171.1019 | 5188.9559 | ---        | ---     |
|            |         | 5200      | 17.858    | 5191.0882 | 5208.9462 | ---        | ---     |
|            |         | 5240      | 17.837    | 5231.0448 | 5248.8818 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190      | 36.162    | 5172.0108 | 5208.1728 | ---        | ---     |
|            |         | 5230      | 36.150    | 5211.9642 | 5248.1142 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210      | 75.047    | 5172.6346 | 5247.6816 | ---        | ---     |

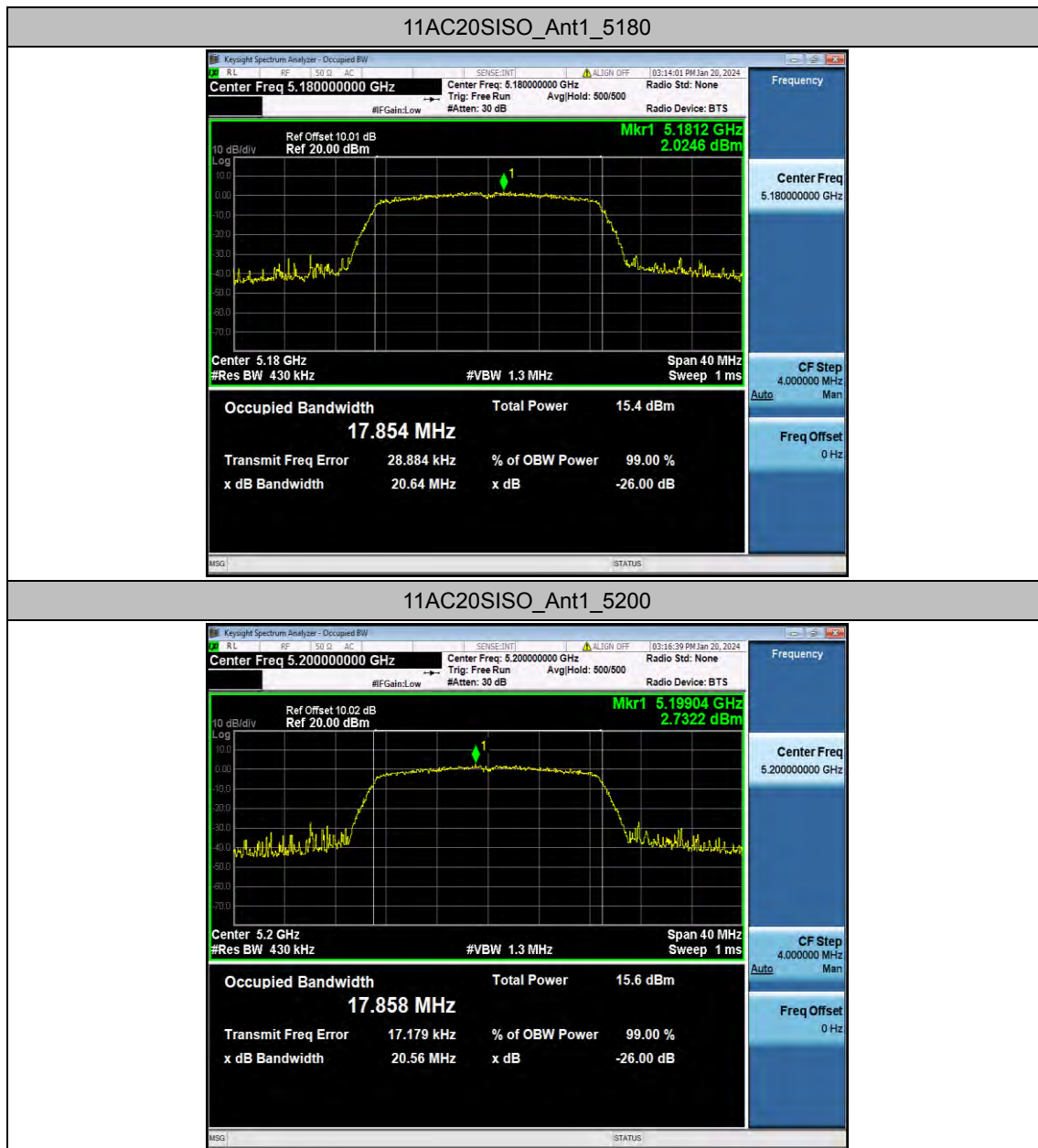
## Test Graphs

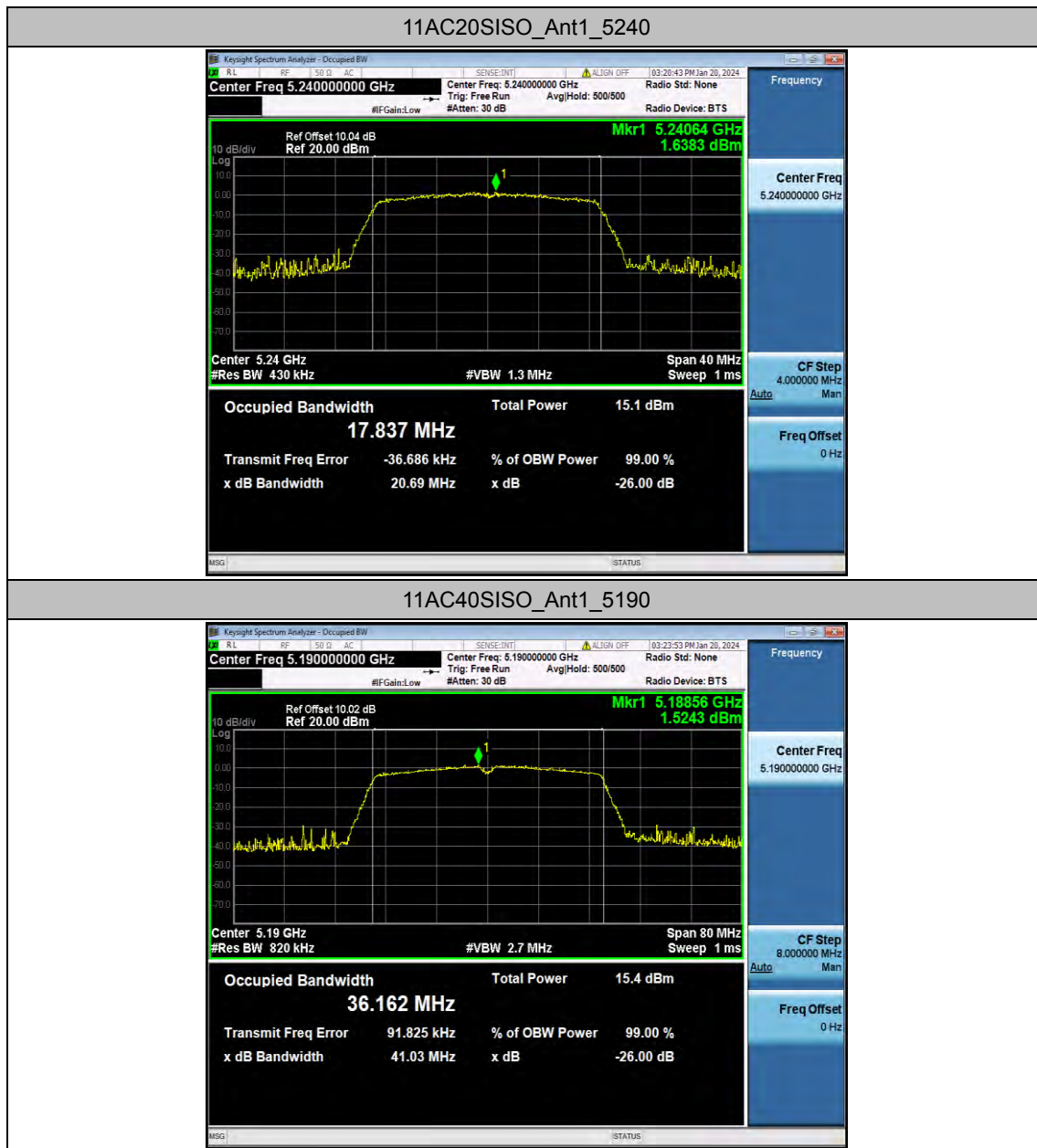


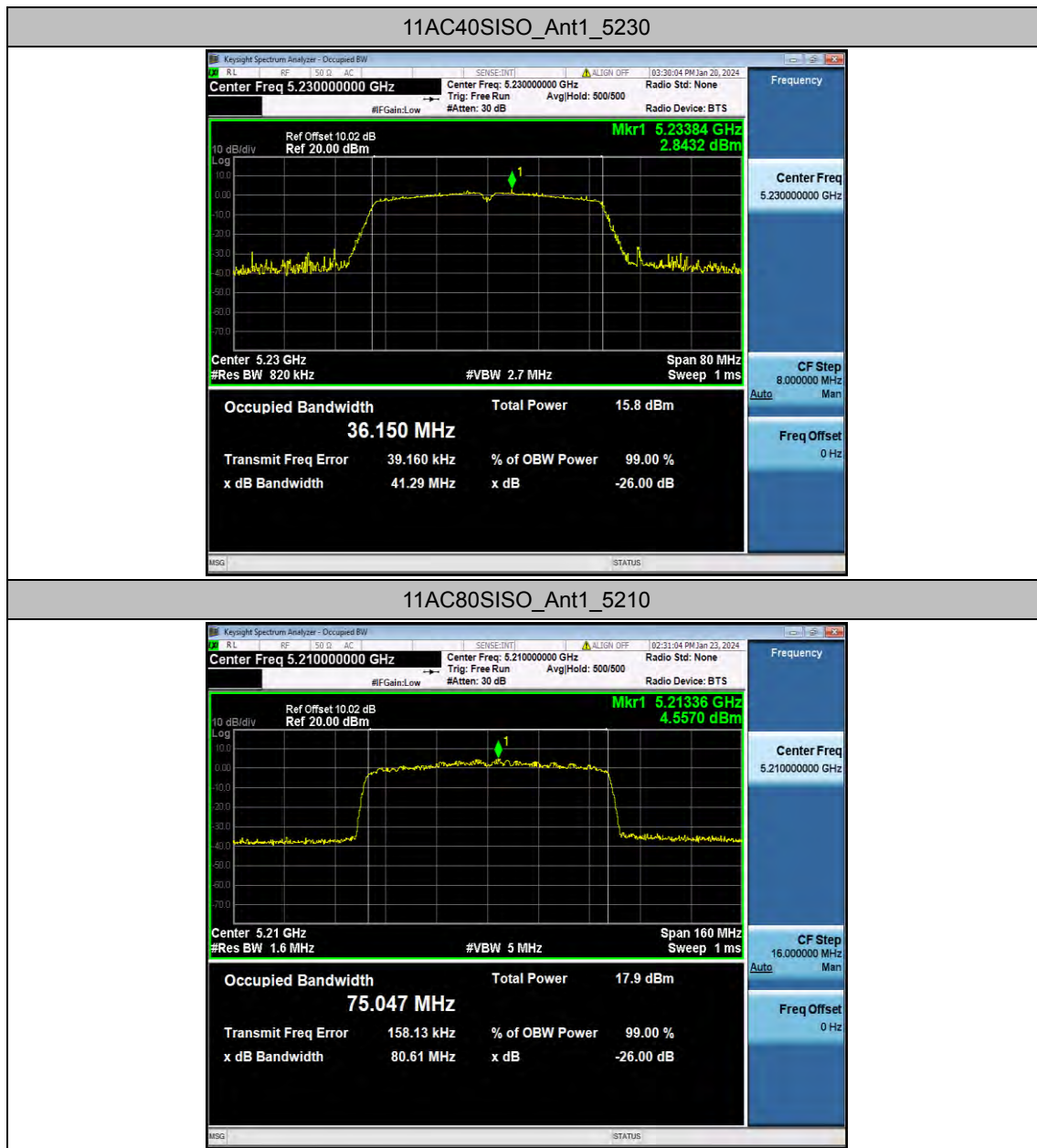












## Appendix D.3: Duty Cycle

### Test Result

| TestMode   | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor [KHz] |
|------------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|------------------|
| 11A        | Ant1    | 5180      | 1.39                       | 1.44                     | 96.53          | 0.15                  | 0.72             |
|            |         | 5200      | 1.39                       | 1.43                     | 97.20          | 0.12                  | 0.72             |
|            |         | 5240      | 1.39                       | 1.44                     | 96.53          | 0.15                  | 0.72             |
| 11N20SISO  | Ant1    | 5180      | 1.29                       | 1.34                     | 96.27          | 0.17                  | 0.78             |
|            |         | 5200      | 1.30                       | 1.34                     | 97.01          | 0.13                  | 0.77             |
|            |         | 5240      | 1.30                       | 1.34                     | 97.01          | 0.13                  | 0.77             |
| 11N40SISO  | Ant1    | 5190      | 0.64                       | 0.69                     | 92.75          | 0.33                  | 1.56             |
|            |         | 5230      | 0.64                       | 0.69                     | 92.75          | 0.33                  | 1.56             |
| 11AC20SISO | Ant1    | 5180      | 1.32                       | 1.36                     | 97.06          | 0.13                  | 0.76             |
|            |         | 5200      | 1.31                       | 1.36                     | 96.32          | 0.16                  | 0.76             |
|            |         | 5240      | 1.31                       | 1.35                     | 97.04          | 0.13                  | 0.76             |
| 11AC40SISO | Ant1    | 5190      | 0.65                       | 0.70                     | 92.86          | 0.32                  | 1.54             |
|            |         | 5230      | 0.65                       | 0.69                     | 94.20          | 0.26                  | 1.54             |
| 11AC80SISO | Ant1    | 5210      | 0.33                       | 0.36                     | 91.67          | 0.38                  | 3.03             |



