

## AppendixA1: Emission Bandwidth

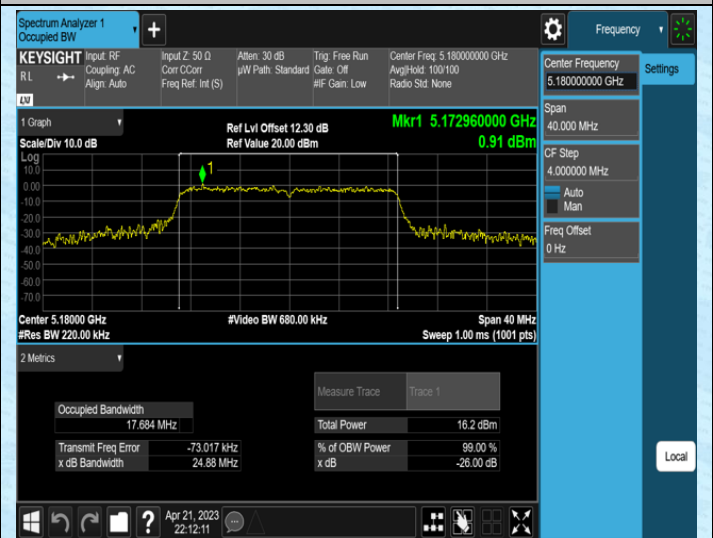
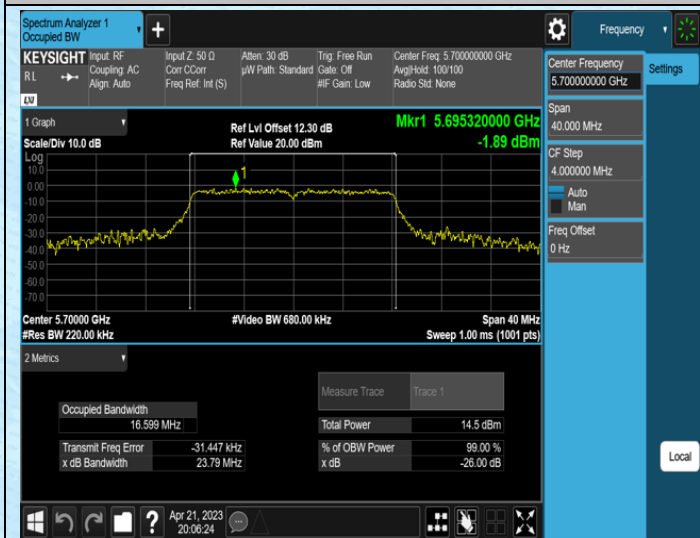
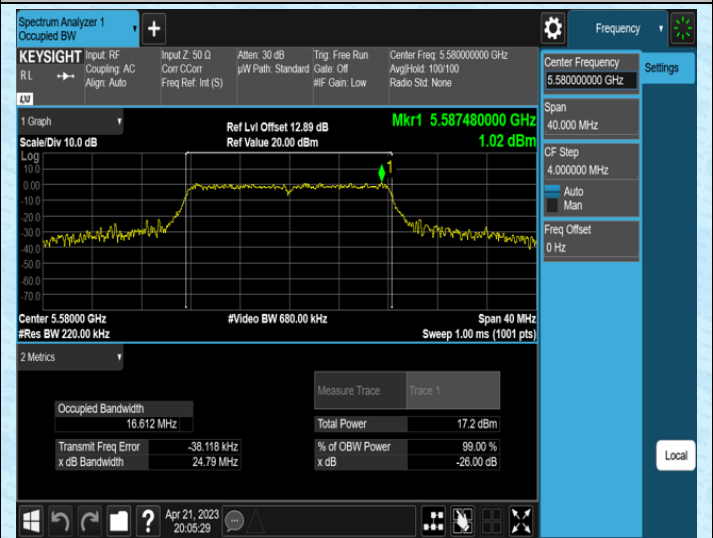
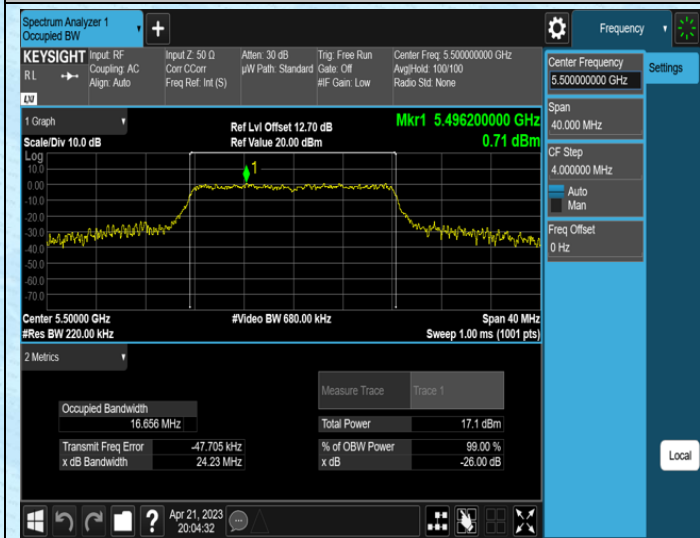
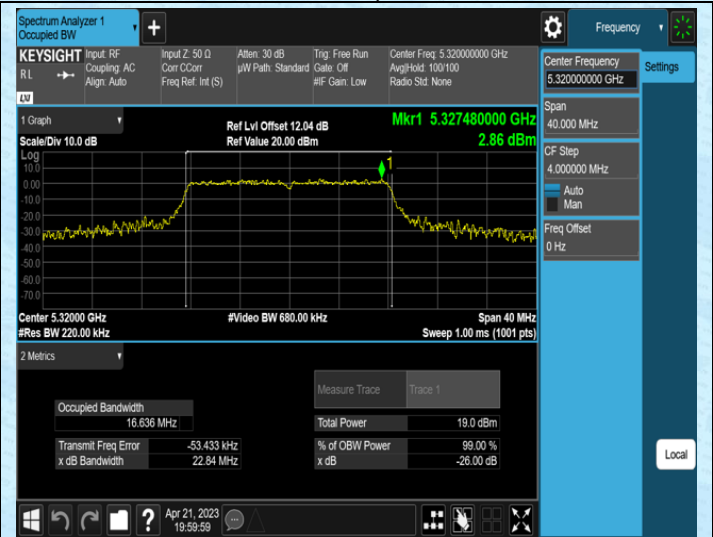
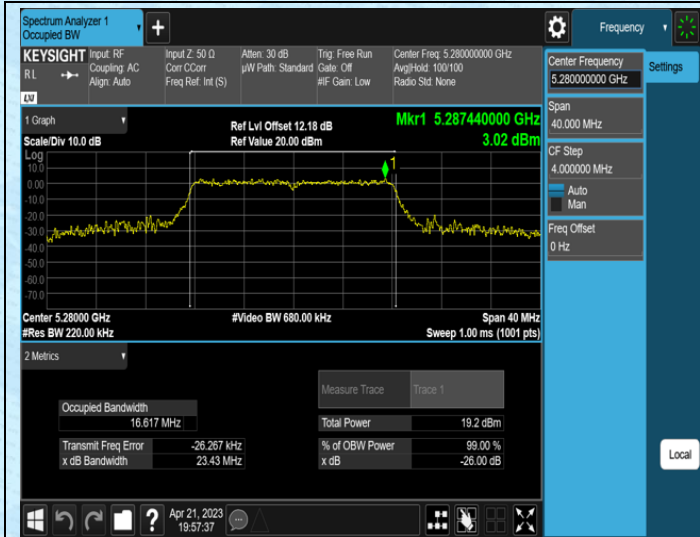
### Test Result

| Test Mode  | Antenna | Frequency[MHz] | Rate  | 26db EBW [MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|-------|----------------|------------|---------|
| 11A        | Ant1    | 5180           | 6Mbps | 22.86          | ---        | ---     |
| 11A        | Ant1    | 5200           | 6Mbps | 21.60          | ---        | ---     |
| 11A        | Ant1    | 5240           | 6Mbps | 21.76          | ---        | ---     |
| 11A        | Ant1    | 5260           | 6Mbps | 22.56          | ---        | ---     |
| 11A        | Ant1    | 5280           | 6Mbps | 23.43          | ---        | ---     |
| 11A        | Ant1    | 5320           | 6Mbps | 22.84          | ---        | ---     |
| 11A        | Ant1    | 5500           | 6Mbps | 24.23          | ---        | ---     |
| 11A        | Ant1    | 5580           | 6Mbps | 24.79          | ---        | ---     |
| 11A        | Ant1    | 5700           | 6Mbps | 23.79          | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | MCS0  | 24.88          | ---        | ---     |
| 11N20SISO  | Ant1    | 5200           | MCS0  | 24.55          | ---        | ---     |
| 11N20SISO  | Ant1    | 5240           | MCS0  | 25.32          | ---        | ---     |
| 11N20SISO  | Ant1    | 5260           | MCS0  | 25.99          | ---        | ---     |
| 11N20SISO  | Ant1    | 5280           | MCS0  | 25.61          | ---        | ---     |
| 11N20SISO  | Ant1    | 5320           | MCS0  | 24.59          | ---        | ---     |
| 11N20SISO  | Ant1    | 5500           | MCS0  | 26.35          | ---        | ---     |
| 11N20SISO  | Ant1    | 5580           | MCS0  | 24.80          | ---        | ---     |
| 11N20SISO  | Ant1    | 5700           | MCS0  | 25.95          | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | MCS0  | 41.92          | ---        | ---     |
| 11N40SISO  | Ant1    | 5230           | MCS0  | 40.83          | ---        | ---     |
| 11N40SISO  | Ant1    | 5270           | MCS0  | 41.12          | ---        | ---     |
| 11N40SISO  | Ant1    | 5310           | MCS0  | 41.88          | ---        | ---     |
| 11N40SISO  | Ant1    | 5510           | MCS0  | 43.07          | ---        | ---     |
| 11N40SISO  | Ant1    | 5550           | MCS0  | 41.54          | ---        | ---     |
| 11N40SISO  | Ant1    | 5670           | MCS0  | 39.94          | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | MCS0  | 24.13          | ---        | ---     |
| 11AC20SISO | Ant1    | 5200           | MCS0  | 25.83          | ---        | ---     |
| 11AC20SISO | Ant1    | 5240           | MCS0  | 26.97          | ---        | ---     |
| 11AC20SISO | Ant1    | 5260           | MCS0  | 27.60          | ---        | ---     |
| 11AC20SISO | Ant1    | 5280           | MCS0  | 27.17          | ---        | ---     |
| 11AC20SISO | Ant1    | 5320           | MCS0  | 27.70          | ---        | ---     |
| 11AC20SISO | Ant1    | 5500           | MCS0  | 25.40          | ---        | ---     |
| 11AC20SISO | Ant1    | 5580           | MCS0  | 27.28          | ---        | ---     |
| 11AC20SISO | Ant1    | 5700           | MCS0  | 26.45          | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | MCS0  | 40.08          | ---        | ---     |
| 11AC40SISO | Ant1    | 5230           | MCS0  | 41.88          | ---        | ---     |

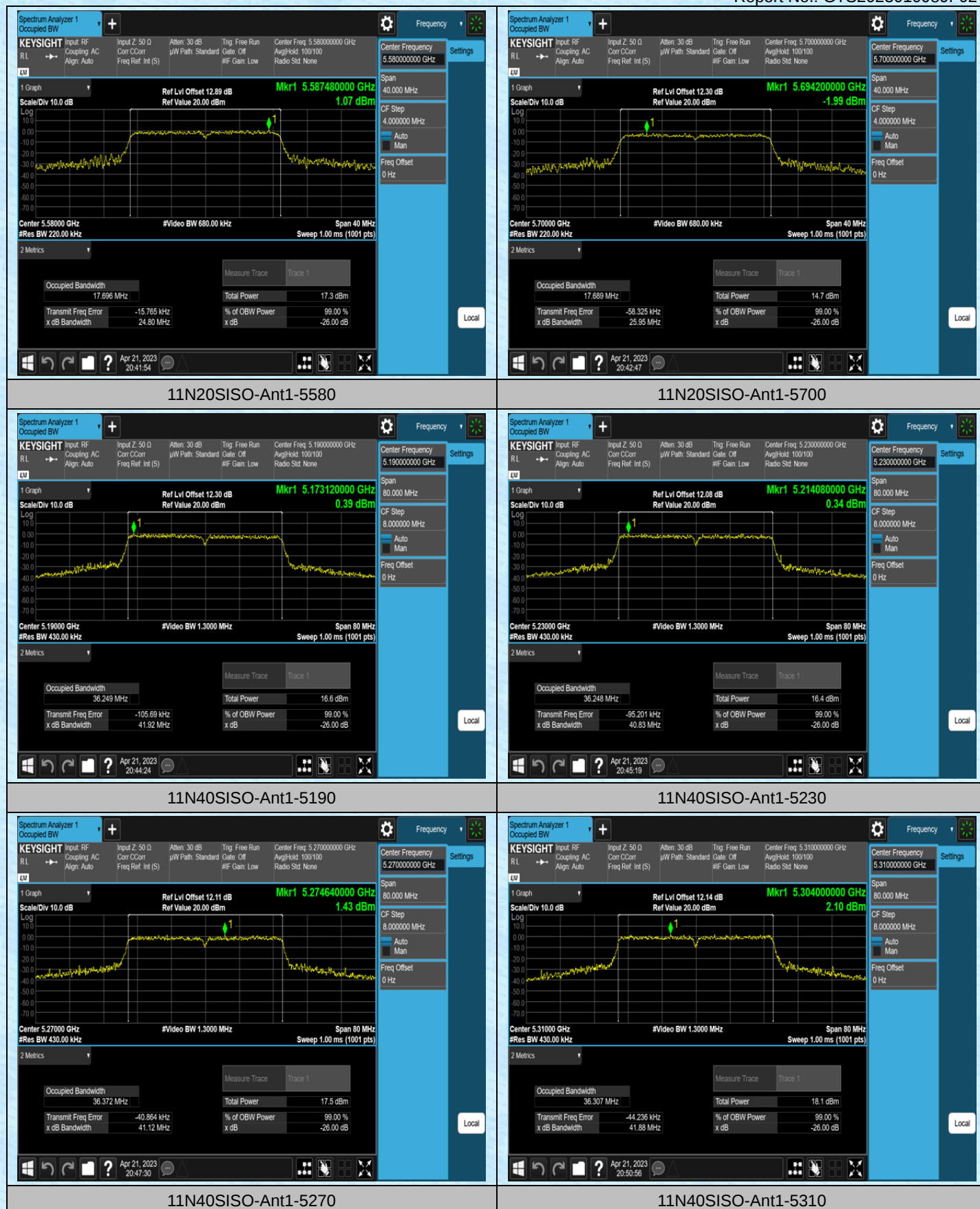
|            |      |      |      |       |     |     |
|------------|------|------|------|-------|-----|-----|
| 11AC40SISO | Ant1 | 5270 | MCS0 | 40.54 | --- | --- |
| 11AC40SISO | Ant1 | 5310 | MCS0 | 45.19 | --- | --- |
| 11AC40SISO | Ant1 | 5510 | MCS0 | 46.26 | --- | --- |
| 11AC40SISO | Ant1 | 5550 | MCS0 | 43.24 | --- | --- |
| 11AC40SISO | Ant1 | 5670 | MCS0 | 43.02 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | MCS0 | 86.29 | --- | --- |
| 11AC80SISO | Ant1 | 5290 | MCS0 | 84.36 | --- | --- |
| 11AC80SISO | Ant1 | 5530 | MCS0 | 82.17 | --- | --- |
| 11AC80SISO | Ant1 | 5610 | MCS0 | 85.21 | --- | --- |

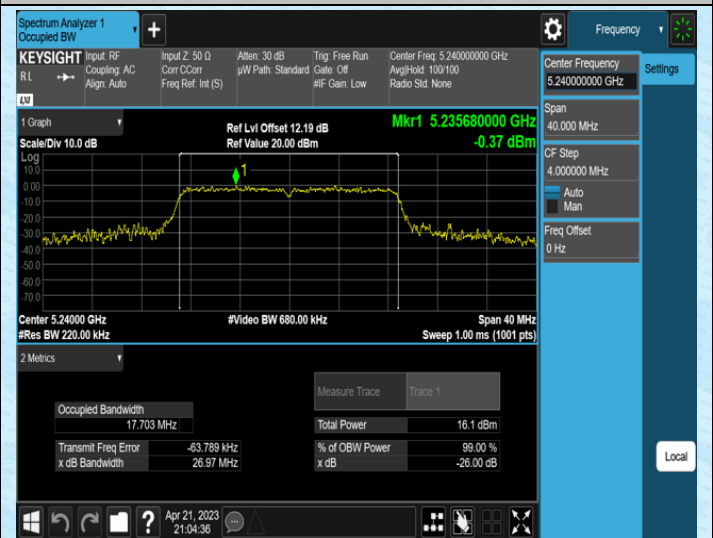
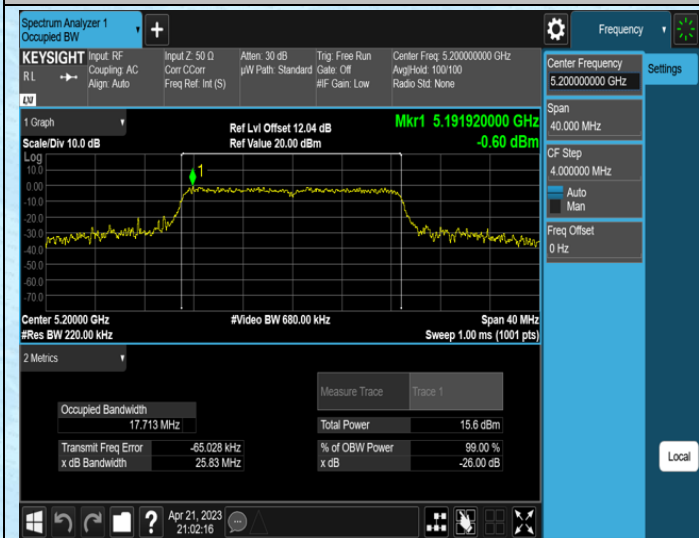
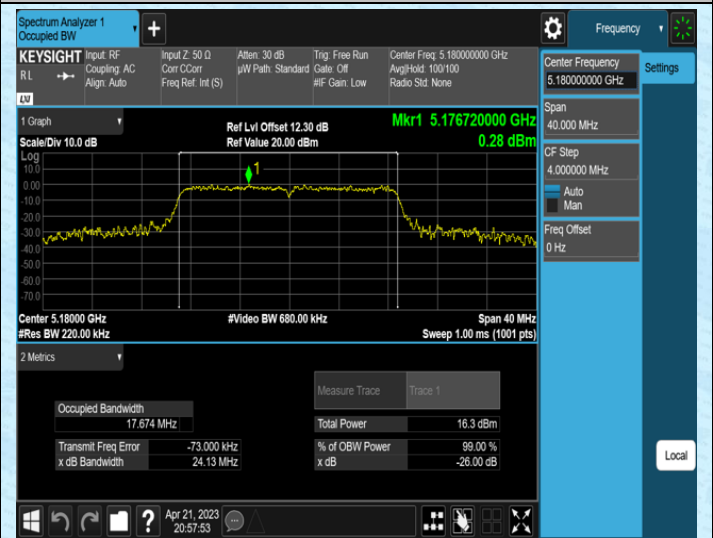
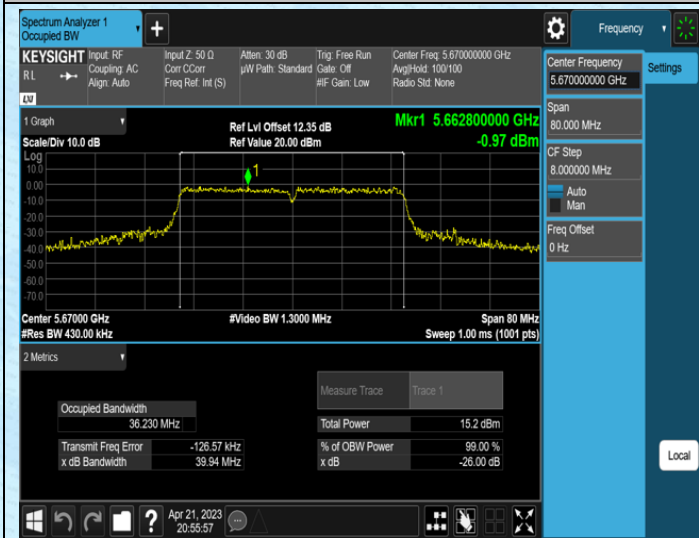
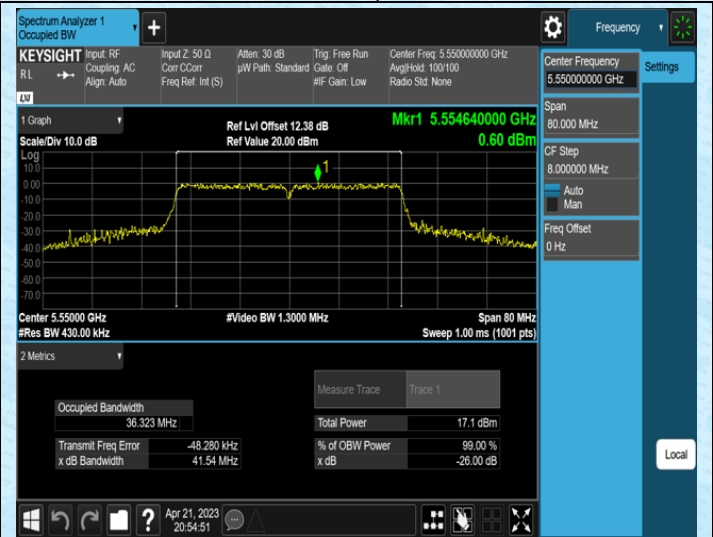
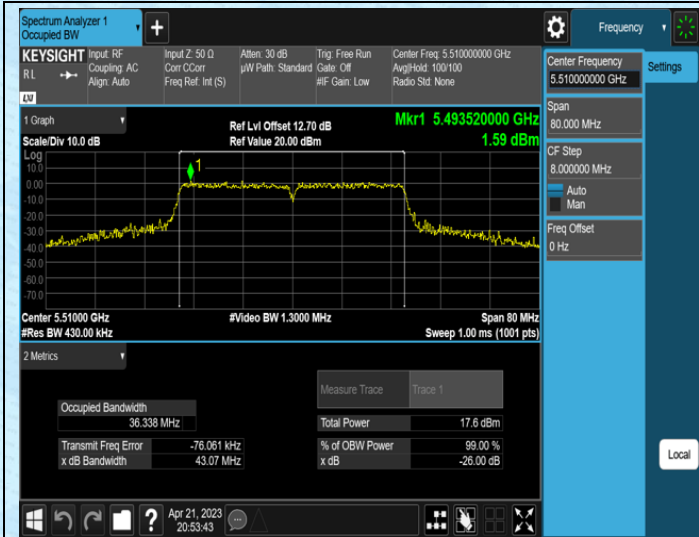
## Test Graphs

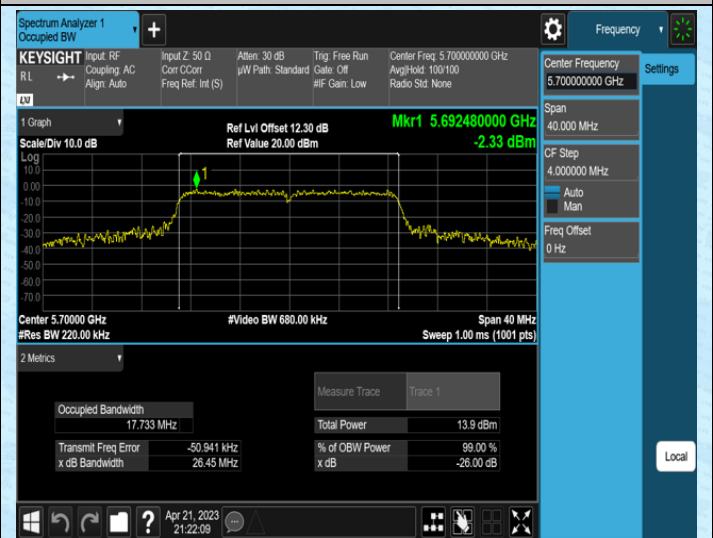
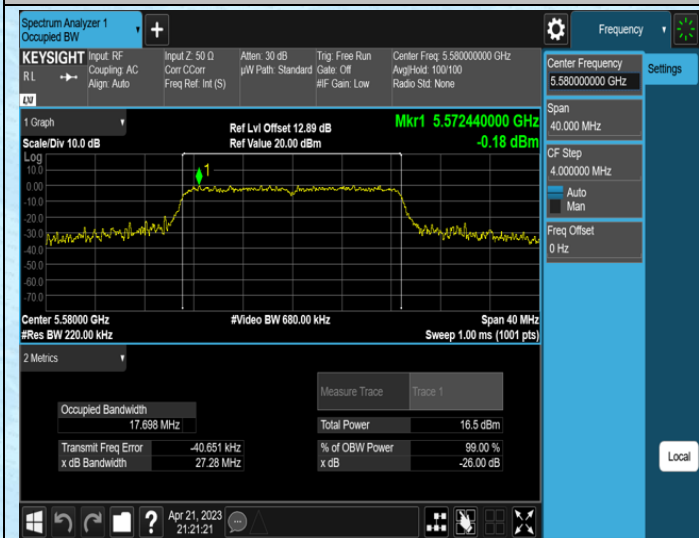
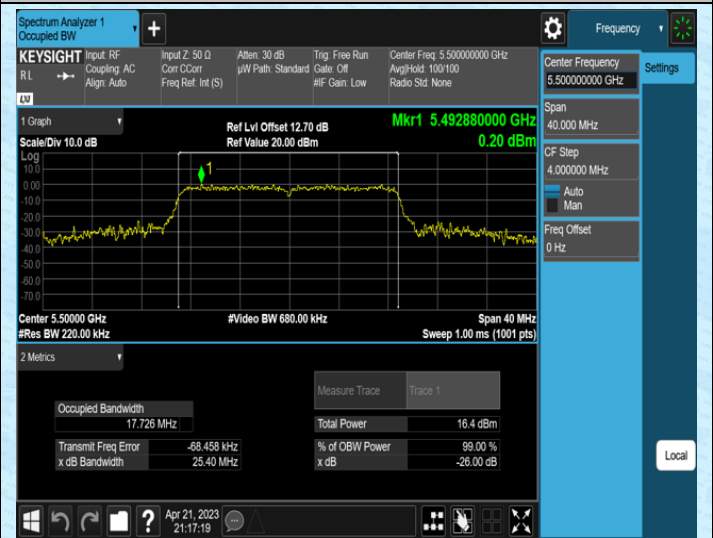
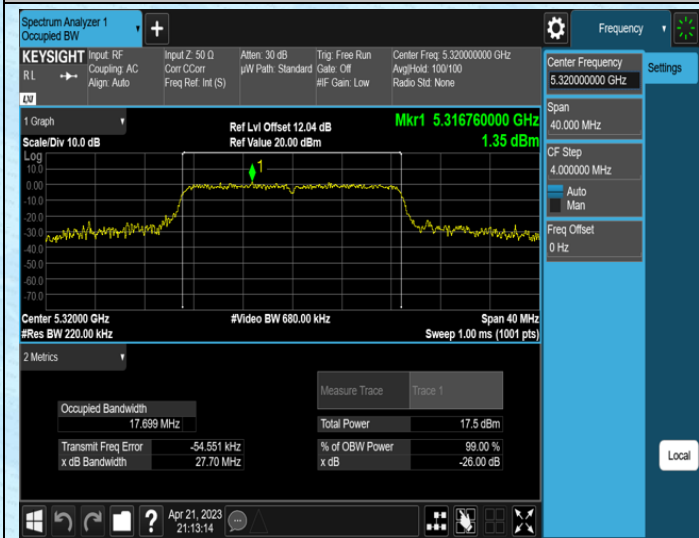
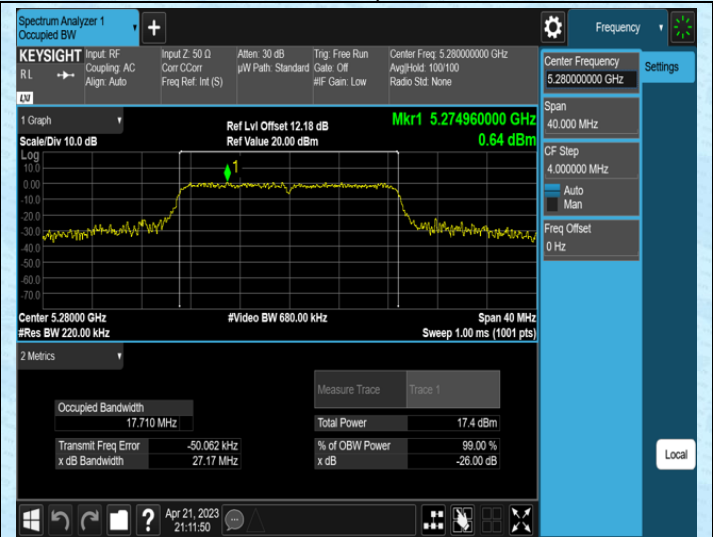
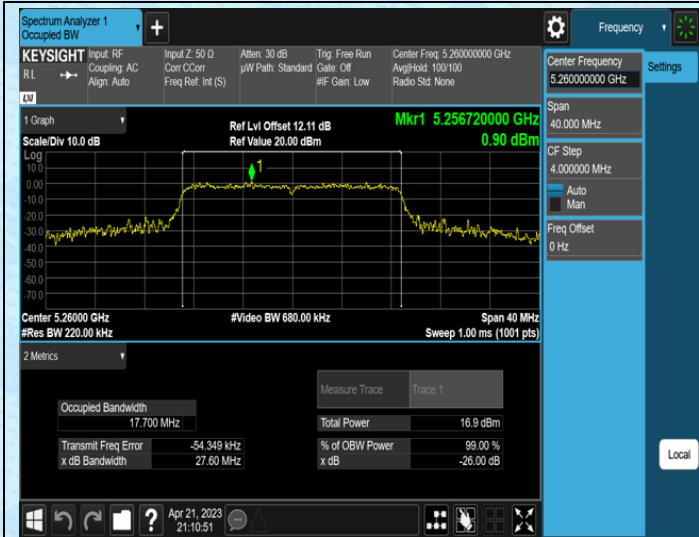


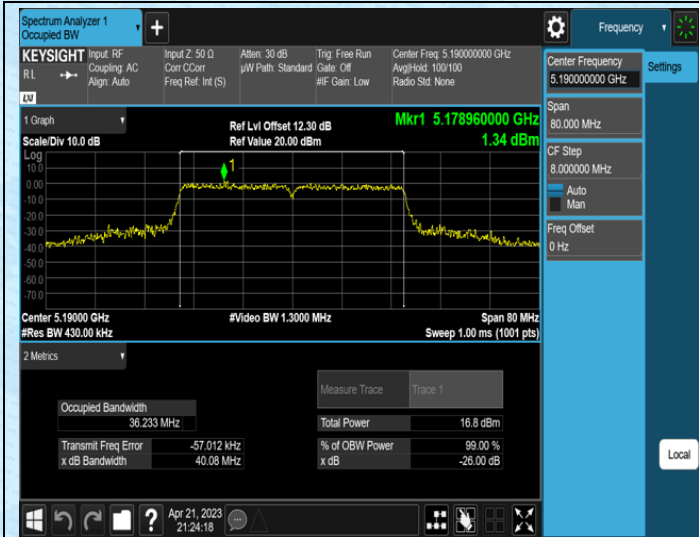




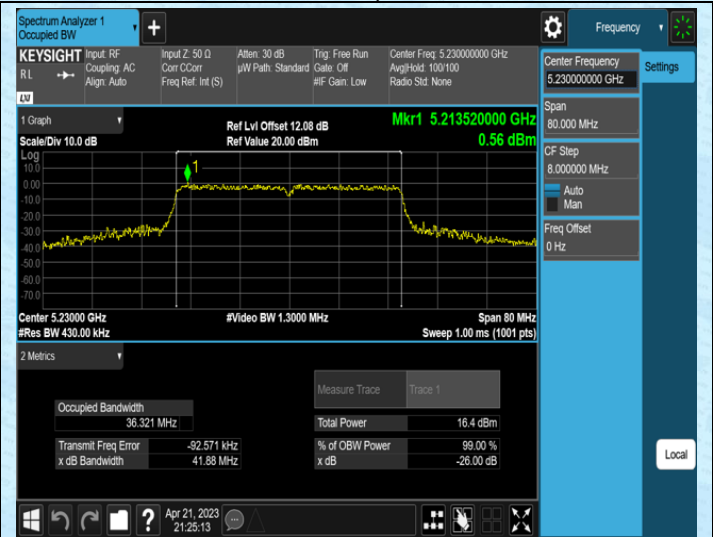




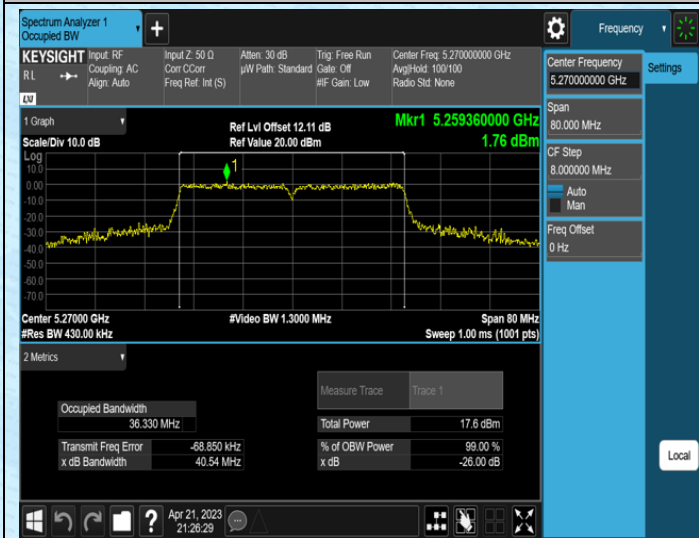




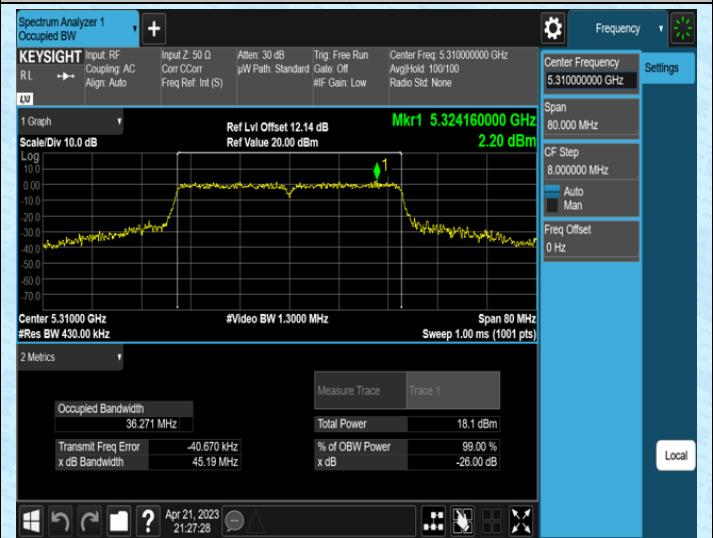
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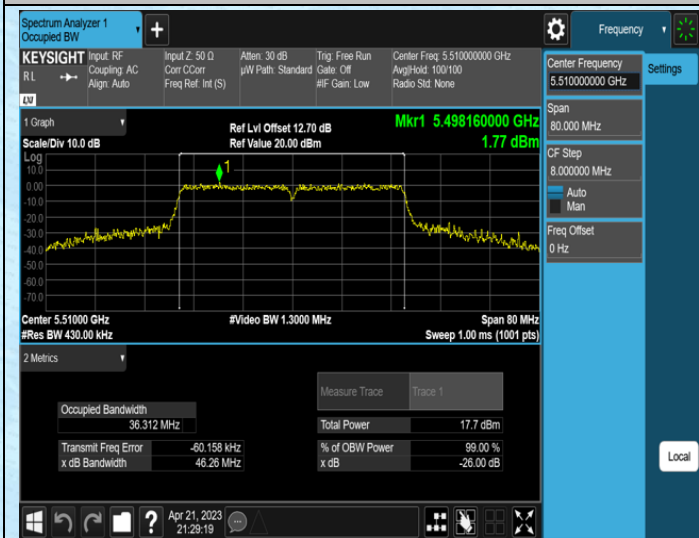
11AC40SISO-Ant1-5230



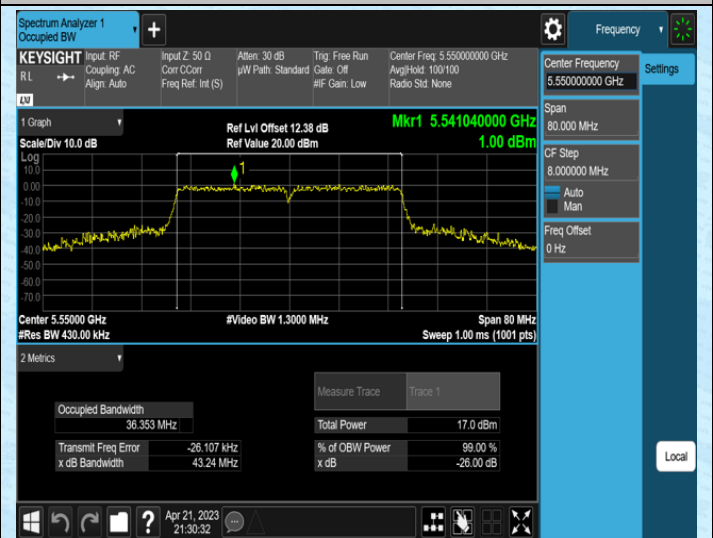
11AC40SISO-Ant1-5270



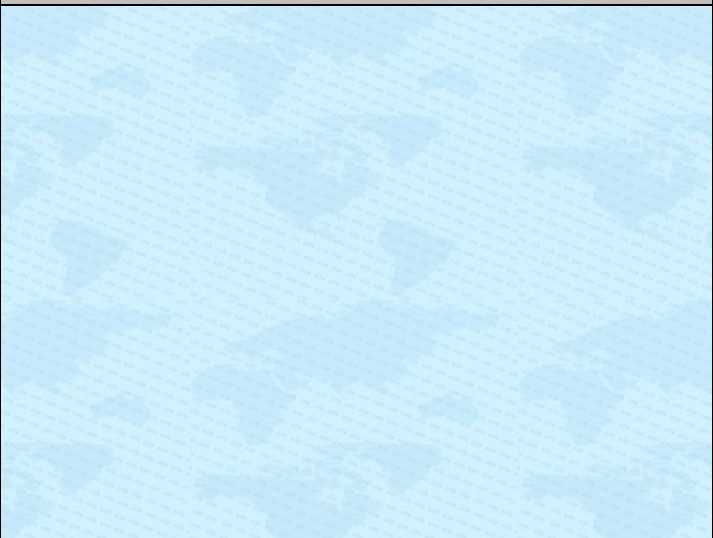
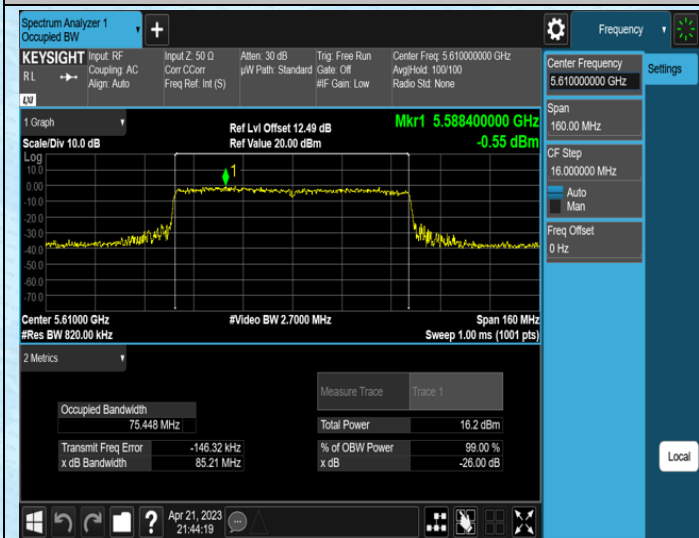
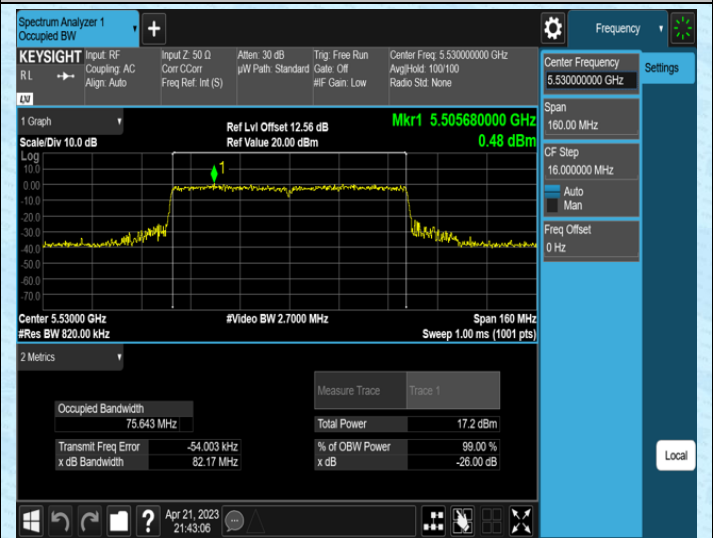
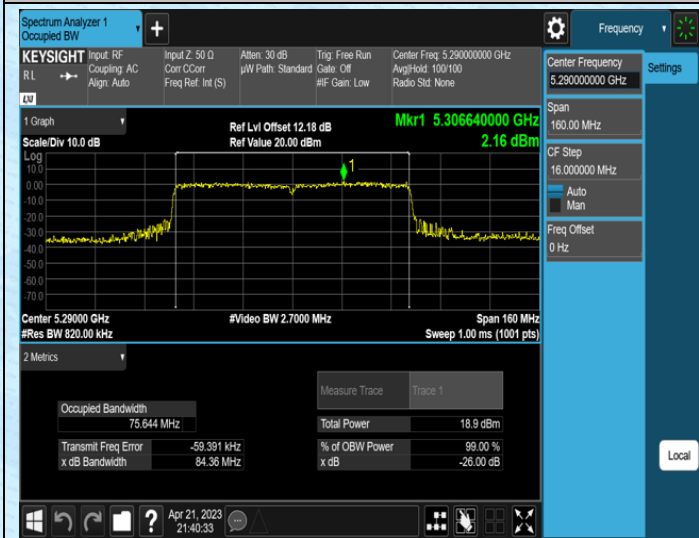
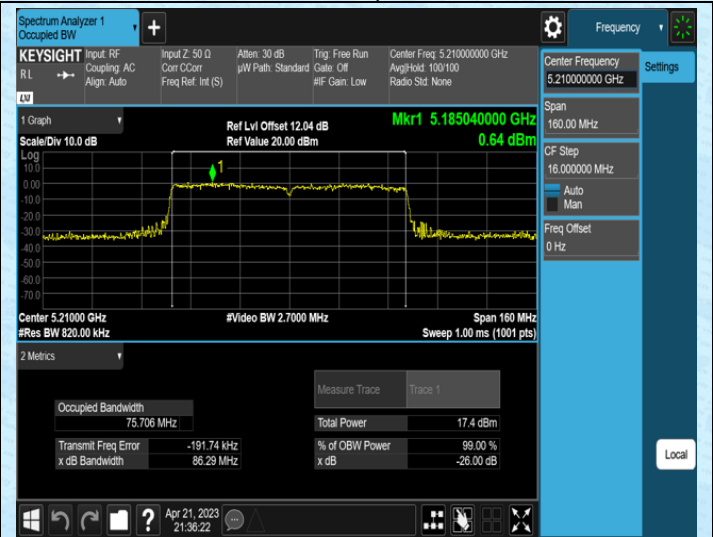
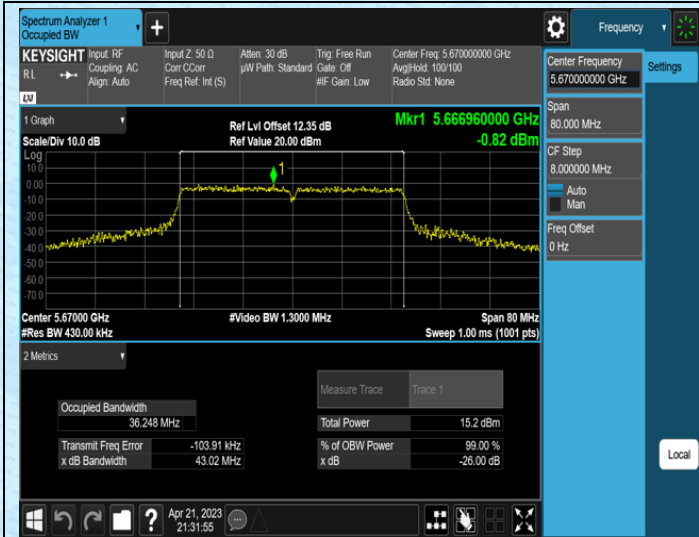
11AC40SISO-Ant1-5310



11AC40SISO-Ant1-5510



11AC40SISO-Ant1-5550



## AppendixA2: Occupied channel bandwidth

### Test Result

| Test Mode  | Antenna | Frequency[MHz] | Rate  | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|----------------|-------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180           | 6Mbps | 17.035    | 5171.3944 | 5188.4294 | ---        | ---     |
| 11A        | Ant1    | 5200           | 6Mbps | 16.942    | 5191.4658 | 5208.4078 | ---        | ---     |
| 11A        | Ant1    | 5240           | 6Mbps | 16.993    | 5231.4623 | 5248.4553 | ---        | ---     |
| 11A        | Ant1    | 5260           | 6Mbps | 17.050    | 5251.4270 | 5268.4770 | ---        | ---     |
| 11A        | Ant1    | 5280           | 6Mbps | 17.040    | 5271.4429 | 5288.4829 | ---        | ---     |
| 11A        | Ant1    | 5320           | 6Mbps | 17.038    | 5311.4367 | 5328.4747 | ---        | ---     |
| 11A        | Ant1    | 5500           | 6Mbps | 17.041    | 5491.4114 | 5508.4524 | ---        | ---     |
| 11A        | Ant1    | 5580           | 6Mbps | 16.961    | 5571.4765 | 5588.4375 | ---        | ---     |
| 11A        | Ant1    | 5700           | 6Mbps | 16.999    | 5691.4128 | 5708.4118 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | MCS0  | 17.869    | 5170.9748 | 5188.8438 | ---        | ---     |
| 11N20SISO  | Ant1    | 5200           | MCS0  | 17.934    | 5190.9810 | 5208.9150 | ---        | ---     |
| 11N20SISO  | Ant1    | 5240           | MCS0  | 17.846    | 5231.0174 | 5248.8634 | ---        | ---     |
| 11N20SISO  | Ant1    | 5260           | MCS0  | 17.958    | 5250.9604 | 5268.9184 | ---        | ---     |
| 11N20SISO  | Ant1    | 5280           | MCS0  | 17.866    | 5271.0280 | 5288.8940 | ---        | ---     |
| 11N20SISO  | Ant1    | 5320           | MCS0  | 17.891    | 5310.9918 | 5328.8828 | ---        | ---     |
| 11N20SISO  | Ant1    | 5500           | MCS0  | 17.951    | 5490.9544 | 5508.9054 | ---        | ---     |
| 11N20SISO  | Ant1    | 5580           | MCS0  | 17.892    | 5571.0174 | 5588.9094 | ---        | ---     |
| 11N20SISO  | Ant1    | 5700           | MCS0  | 17.915    | 5690.9795 | 5708.8945 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | MCS0  | 36.423    | 5171.6534 | 5208.0764 | ---        | ---     |
| 11N40SISO  | Ant1    | 5230           | MCS0  | 36.376    | 5211.7082 | 5248.0842 | ---        | ---     |
| 11N40SISO  | Ant1    | 5270           | MCS0  | 36.484    | 5251.6878 | 5288.1718 | ---        | ---     |
| 11N40SISO  | Ant1    | 5310           | MCS0  | 36.494    | 5291.7197 | 5328.2137 | ---        | ---     |
| 11N40SISO  | Ant1    | 5510           | MCS0  | 36.513    | 5491.6811 | 5528.1941 | ---        | ---     |
| 11N40SISO  | Ant1    | 5550           | MCS0  | 36.427    | 5531.7289 | 5568.1559 | ---        | ---     |
| 11N40SISO  | Ant1    | 5670           | MCS0  | 36.527    | 5651.6047 | 5688.1317 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | MCS0  | 17.891    | 5170.9581 | 5188.8491 | ---        | ---     |
| 11AC20SISO | Ant1    | 5200           | MCS0  | 17.873    | 5190.9759 | 5208.8489 | ---        | ---     |
| 11AC20SISO | Ant1    | 5240           | MCS0  | 17.859    | 5231.0190 | 5248.8780 | ---        | ---     |
| 11AC20SISO | Ant1    | 5260           | MCS0  | 17.878    | 5251.0362 | 5268.9142 | ---        | ---     |
| 11AC20SISO | Ant1    | 5280           | MCS0  | 17.910    | 5271.0004 | 5288.9104 | ---        | ---     |
| 11AC20SISO | Ant1    | 5320           | MCS0  | 17.848    | 5311.0472 | 5328.8952 | ---        | ---     |
| 11AC20SISO | Ant1    | 5500           | MCS0  | 17.975    | 5490.9877 | 5508.9627 | ---        | ---     |
| 11AC20SISO | Ant1    | 5580           | MCS0  | 17.887    | 5571.0321 | 5588.9191 | ---        | ---     |
| 11AC20SISO | Ant1    | 5700           | MCS0  | 17.947    | 5690.9514 | 5708.8984 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | MCS0  | 36.407    | 5171.6403 | 5208.0473 | ---        | ---     |
| 11AC40SISO | Ant1    | 5230           | MCS0  | 36.484    | 5211.6448 | 5248.1288 | ---        | ---     |
| 11AC40SISO | Ant1    | 5270           | MCS0  | 36.574    | 5251.6142 | 5288.1882 | ---        | ---     |

|            |      |      |      |        |           |           |     |     |
|------------|------|------|------|--------|-----------|-----------|-----|-----|
| 11AC40SISO | Ant1 | 5310 | MCS0 | 36.545 | 5291.6802 | 5328.2252 | --- | --- |
| 11AC40SISO | Ant1 | 5510 | MCS0 | 36.460 | 5491.6822 | 5528.1422 | --- | --- |
| 11AC40SISO | Ant1 | 5550 | MCS0 | 36.460 | 5531.7038 | 5568.1638 | --- | --- |
| 11AC40SISO | Ant1 | 5670 | MCS0 | 36.432 | 5651.6385 | 5688.0705 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | MCS0 | 75.956 | 5171.8564 | 5247.8124 | --- | --- |
| 11AC80SISO | Ant1 | 5290 | MCS0 | 75.948 | 5251.9376 | 5327.8856 | --- | --- |
| 11AC80SISO | Ant1 | 5530 | MCS0 | 75.857 | 5491.9913 | 5567.8483 | --- | --- |
| 11AC80SISO | Ant1 | 5610 | MCS0 | 75.764 | 5571.8914 | 5647.6554 | --- | --- |

## Test Graphs

