

## Appendix Test Data

|                  |                 |                    |             |
|------------------|-----------------|--------------------|-------------|
| Report No.:      | 18220WC40031502 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2024.3.26       | Finish Test Date:  | 2024.3.26   |
| Test Engineer:   | Joker Wang      | Auditor:           | Justin Feng |
| Temperature:     | 25.3℃           | Relative Humidity: | 49%         |
| Pressure:        | 101kPa          |                    |             |

## Appendix A1: 26dB Bandwidth

## Test Result

| Test Mode  | Antenna | Frequency[MHz] | 26dB EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180           | 20.760         | 5169.400 | 5190.160 | ---        | ---     |
|            |         | 5200           | 20.800         | 5189.560 | 5210.360 | ---        | ---     |
|            |         | 5240           | 20.440         | 5229.800 | 5250.240 | ---        | ---     |
|            |         | 5260           | 20.400         | 5249.680 | 5270.080 | ---        | ---     |
|            |         | 5300           | 20.440         | 5289.760 | 5310.200 | ---        | ---     |
|            |         | 5320           | 20.840         | 5309.760 | 5330.600 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | 21.520         | 5169.200 | 5190.720 | ---        | ---     |
|            |         | 5200           | 21.280         | 5189.520 | 5210.800 | ---        | ---     |
|            |         | 5240           | 21.160         | 5229.400 | 5250.560 | ---        | ---     |
|            |         | 5260           | 21.040         | 5249.480 | 5270.520 | ---        | ---     |
|            |         | 5300           | 20.960         | 5289.480 | 5310.440 | ---        | ---     |
|            |         | 5320           | 21.520         | 5309.160 | 5330.680 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | 41.840         | 5169.200 | 5211.040 | ---        | ---     |
|            |         | 5230           | 40.800         | 5209.680 | 5250.480 | ---        | ---     |
|            |         | 5270           | 41.360         | 5249.200 | 5290.560 | ---        | ---     |
|            |         | 5310           | 41.840         | 5288.960 | 5330.800 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | 21.080         | 5169.400 | 5190.480 | ---        | ---     |
|            |         | 5200           | 21.280         | 5189.280 | 5210.560 | ---        | ---     |
|            |         | 5240           | 21.280         | 5229.240 | 5250.520 | ---        | ---     |
|            |         | 5260           | 21.120         | 5249.440 | 5270.560 | ---        | ---     |
|            |         | 5300           | 21.520         | 5289.360 | 5310.880 | ---        | ---     |
|            |         | 5320           | 21.280         | 5309.520 | 5330.800 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 42.320         | 5169.040 | 5211.360 | ---        | ---     |
|            |         | 5230           | 42.000         | 5208.800 | 5250.800 | ---        | ---     |
|            |         | 5270           | 41.040         | 5249.680 | 5290.720 | ---        | ---     |

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|            |      |      |        |          |          |     |     |
|------------|------|------|--------|----------|----------|-----|-----|
|            |      | 5310 | 41.440 | 5289.280 | 5330.720 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 81.920 | 5168.880 | 5250.800 | --- | --- |
|            |      | 5290 | 81.920 | 5249.520 | 5331.440 | --- | --- |

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## Test Graphs

11A\_Ant1\_5180



11A\_Ant1\_5200



11A\_Ant1\_5240

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11A\_Ant1\_5260



11A\_Ant1\_5300



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## 11A\_Ant1\_5320



## 11N20SISO\_Ant1\_5180



## 11N20SISO\_Ant1\_5200

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11N20SISO\_Ant1\_5240



11N20SISO\_Ant1\_5260



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11N20SISO\_Ant1\_5300



11N20SISO\_Ant1\_5320



11N40SISO\_Ant1\_5190

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11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



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## 11N40SISO\_Ant1\_5310



## 11AC20SISO\_Ant1\_5180



## 11AC20SISO\_Ant1\_5200

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11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5260



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## 11AC20SISO\_Ant1\_5300



## 11AC20SISO\_Ant1\_5320



## 11AC40SISO\_Ant1\_5190

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11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5270



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## 11AC40SISO\_Ant1\_5310



## 11AC80SISO\_Ant1\_5210



## 11AC80SISO\_Ant1\_5290

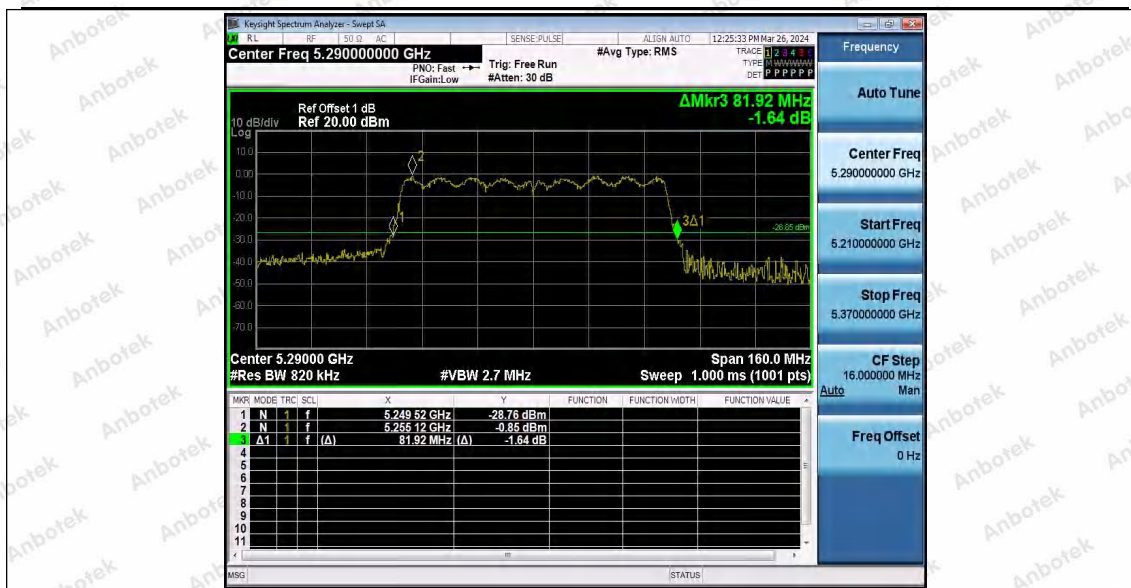
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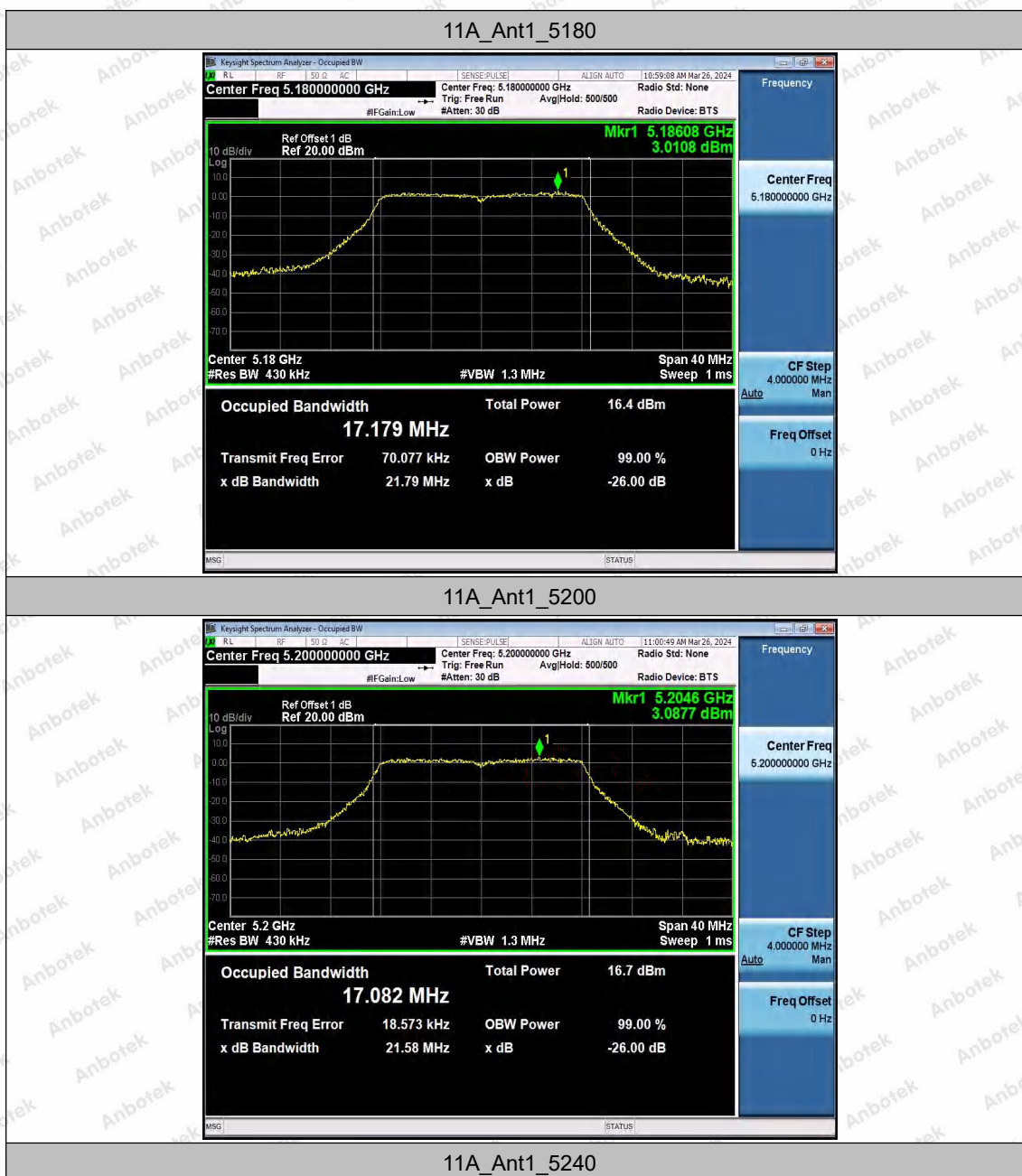
## Appendix A2: 99% Occupied Bandwidth

### Test Result

| Test Mode  | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180           | 17.179    | 5171.4806 | 5188.6596 | ---        | ---     |
|            |         | 5200           | 17.082    | 5191.4776 | 5208.5596 | ---        | ---     |
|            |         | 5240           | 17.037    | 5231.4873 | 5248.5243 | ---        | ---     |
|            |         | 5260           | 17.077    | 5251.4149 | 5268.4919 | ---        | ---     |
|            |         | 5300           | 17.097    | 5291.5101 | 5308.6071 | ---        | ---     |
|            |         | 5320           | 17.135    | 5311.4440 | 5328.5790 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | 18.149    | 5170.9544 | 5189.1034 | ---        | ---     |
|            |         | 5200           | 18.022    | 5191.0348 | 5209.0568 | ---        | ---     |
|            |         | 5240           | 18.024    | 5230.9673 | 5248.9913 | ---        | ---     |
|            |         | 5260           | 17.163    | 5251.4443 | 5268.6073 | ---        | ---     |
|            |         | 5300           | 18.094    | 5290.9397 | 5309.0337 | ---        | ---     |
|            |         | 5320           | 18.206    | 5310.9100 | 5329.1160 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | 36.626    | 5171.8147 | 5208.4407 | ---        | ---     |
|            |         | 5230           | 36.594    | 5211.7916 | 5248.3856 | ---        | ---     |
|            |         | 5270           | 36.532    | 5251.7459 | 5288.2779 | ---        | ---     |
|            |         | 5310           | 36.733    | 5291.5678 | 5328.3008 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | 18.063    | 5171.0333 | 5189.0963 | ---        | ---     |
|            |         | 5200           | 18.031    | 5191.0250 | 5209.0560 | ---        | ---     |
|            |         | 5240           | 18.089    | 5230.9758 | 5249.0648 | ---        | ---     |
|            |         | 5260           | 17.969    | 5251.0115 | 5268.9805 | ---        | ---     |
|            |         | 5300           | 18.197    | 5290.9246 | 5309.1216 | ---        | ---     |
|            |         | 5320           | 18.094    | 5311.0109 | 5329.1049 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 36.733    | 5171.7716 | 5208.5046 | ---        | ---     |
|            |         | 5230           | 36.687    | 5211.6424 | 5248.3294 | ---        | ---     |
|            |         | 5270           | 36.616    | 5251.6916 | 5288.3076 | ---        | ---     |
|            |         | 5310           | 36.599    | 5291.7086 | 5328.3076 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 75.944    | 5172.2214 | 5248.1654 | ---        | ---     |
|            |         | 5290           | 76.013    | 5252.1290 | 5328.1420 | ---        | ---     |



## Test Graphs



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11A\_Ant1\_5260



11A\_Ant1\_5300



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11A\_Ant1\_5320



11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200

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11N20SISO\_Ant1\_5240



11N20SISO\_Ant1\_5260



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## 11N20SISO\_Ant1\_5300



## 11N20SISO\_Ant1\_5320



## 11N40SISO\_Ant1\_5190

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11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



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## 11N40SISO\_Ant1\_5310



## 11AC20SISO\_Ant1\_5180



## 11AC20SISO\_Ant1\_5200

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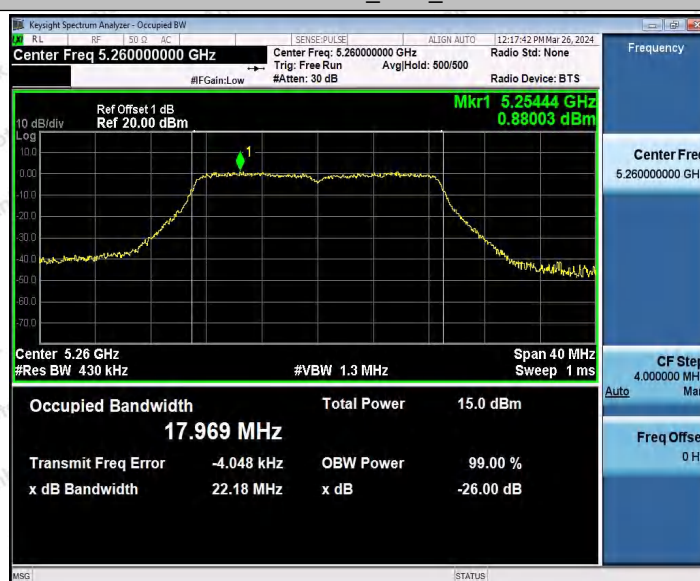




11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5260



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## 11AC20SISO\_Ant1\_5300



## 11AC20SISO\_Ant1\_5320



## 11AC40SISO\_Ant1\_5190

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11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5270



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## 11AC40SISO\_Ant1\_5310



## 11AC80SISO\_Ant1\_5210



## 11AC80SISO\_Ant1\_5290

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## Appendix B: Duty Cycle

### Test Result

| Test Mode  | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A        | Ant1    | 5180           | 2.06                       | 2.17                     | 94.93          |
|            |         | 5200           | 2.06                       | 2.22                     | 92.79          |
|            |         | 5240           | 2.06                       | 2.22                     | 92.79          |
|            |         | 5260           | 2.07                       | 2.22                     | 93.24          |
|            |         | 5300           | 2.07                       | 2.20                     | 94.09          |
|            |         | 5320           | 2.06                       | 2.22                     | 92.79          |
| 11N20SISO  | Ant1    | 5180           | 1.92                       | 2.07                     | 92.75          |
|            |         | 5200           | 1.92                       | 2.05                     | 93.66          |
|            |         | 5240           | 1.92                       | 2.05                     | 93.66          |
|            |         | 5260           | 2.06                       | 2.20                     | 93.64          |
|            |         | 5300           | 1.92                       | 2.07                     | 92.75          |
|            |         | 5320           | 1.92                       | 2.05                     | 93.66          |
| 11N40SISO  | Ant1    | 5190           | 0.95                       | 1.12                     | 84.82          |
|            |         | 5230           | 0.95                       | 1.12                     | 84.82          |
|            |         | 5270           | 0.95                       | 1.12                     | 84.82          |
|            |         | 5310           | 0.95                       | 1.12                     | 84.82          |
| 11AC20SISO | Ant1    | 5180           | 1.93                       | 2.04                     | 94.61          |
|            |         | 5200           | 1.93                       | 2.07                     | 93.24          |
|            |         | 5240           | 1.93                       | 2.07                     | 93.24          |
|            |         | 5260           | 1.93                       | 2.09                     | 92.34          |
|            |         | 5300           | 1.94                       | 2.05                     | 94.63          |
|            |         | 5320           | 1.93                       | 2.08                     | 92.79          |
| 11AC40SISO | Ant1    | 5190           | 0.96                       | 1.11                     | 86.49          |
|            |         | 5230           | 0.95                       | 1.12                     | 84.82          |
|            |         | 5270           | 0.95                       | 1.11                     | 85.59          |
|            |         | 5310           | 0.95                       | 1.12                     | 84.82          |
| 11AC80SISO | Ant1    | 5210           | 0.46                       | 0.64                     | 71.88          |
|            |         | 5290           | 0.46                       | 0.63                     | 73.02          |

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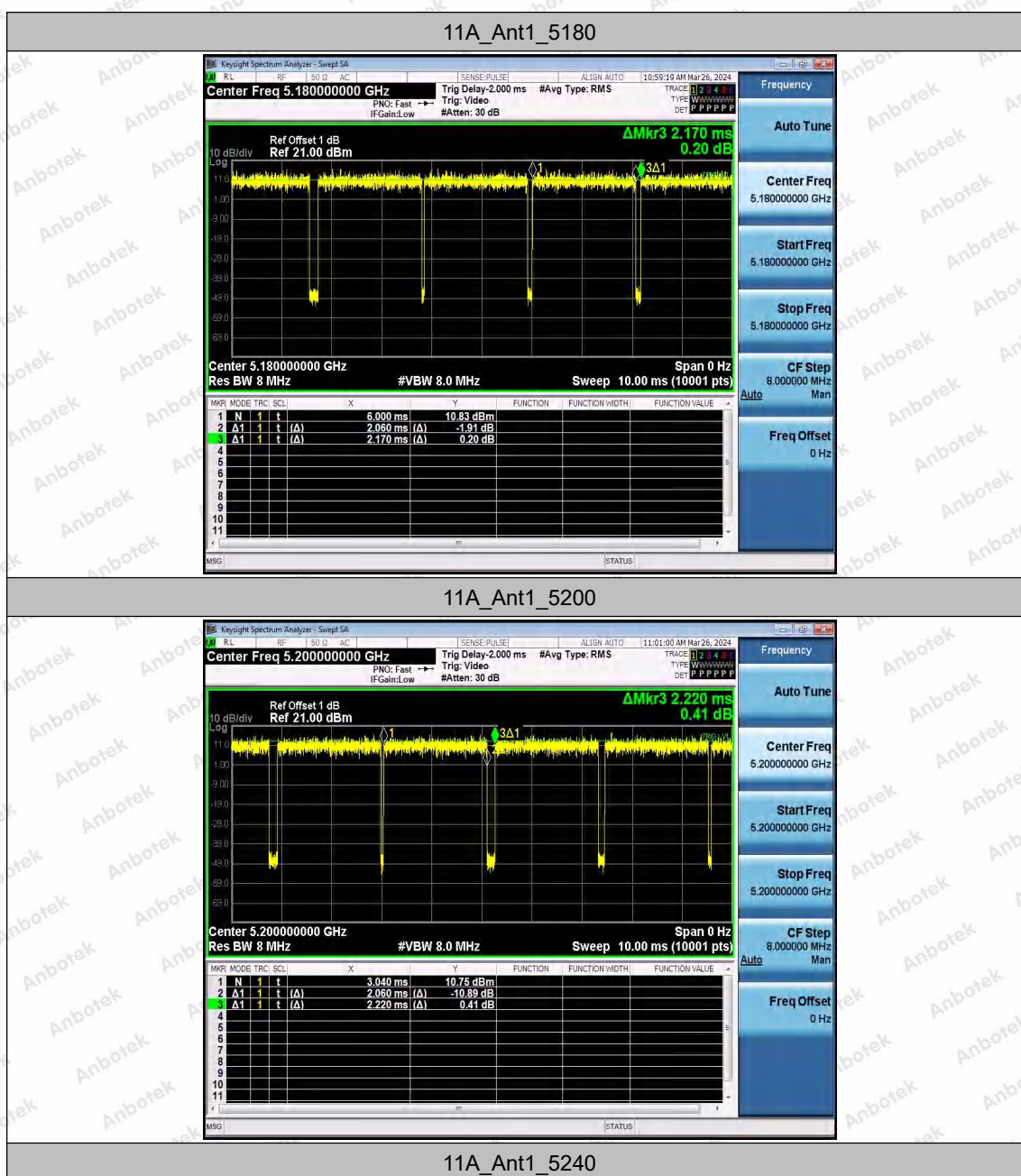
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## Test Graphs



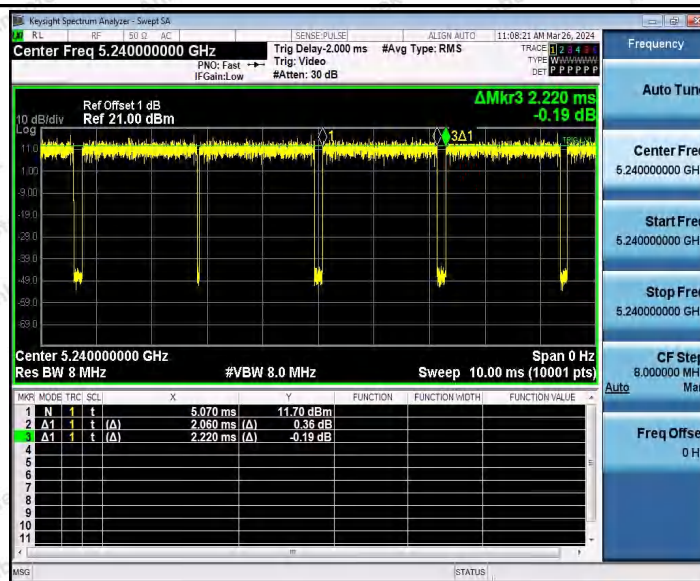
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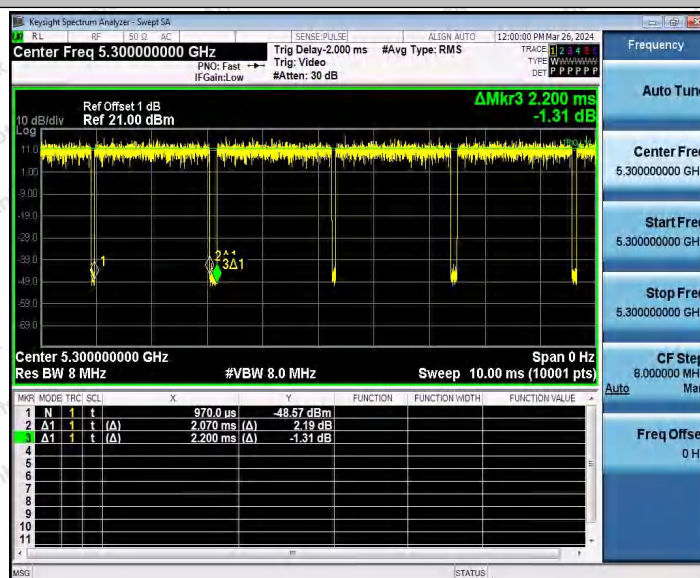




11A\_Ant1\_5260



11A\_Ant1\_5300



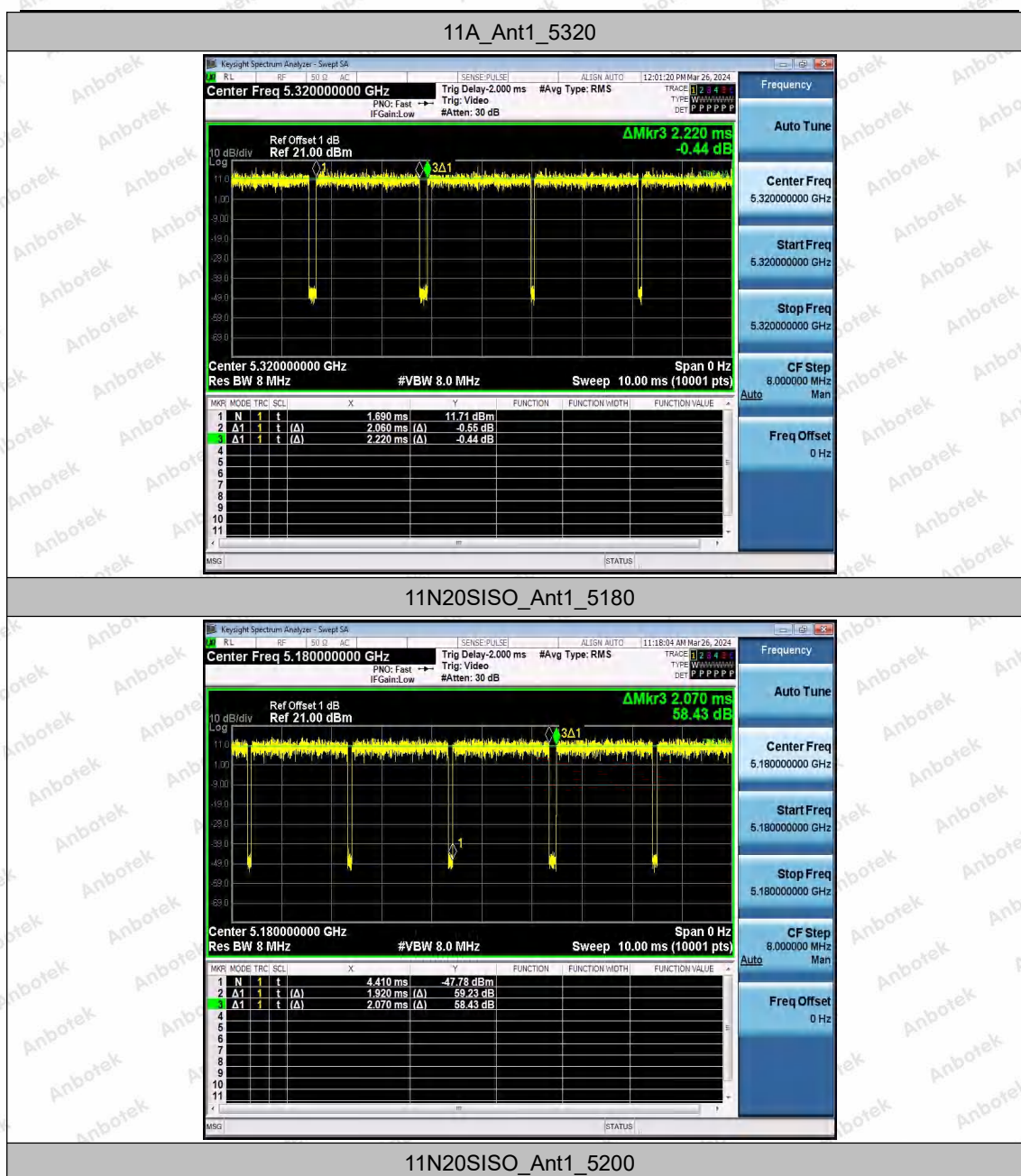
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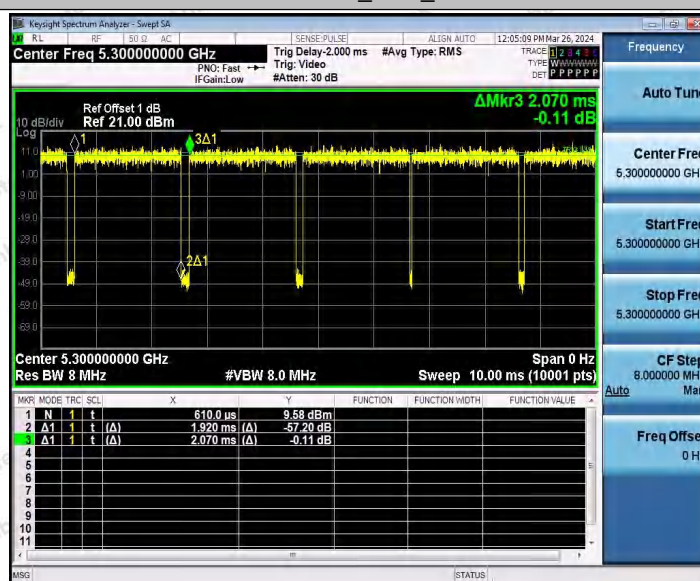
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## 11N20SISO\_Ant1\_5300



## 11N20SISO\_Ant1\_5320



## 11N40SISO\_Ant1\_5190

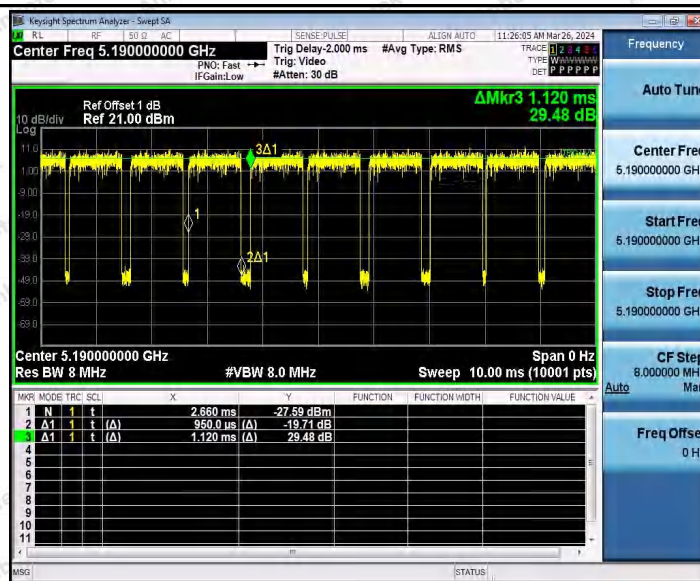
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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

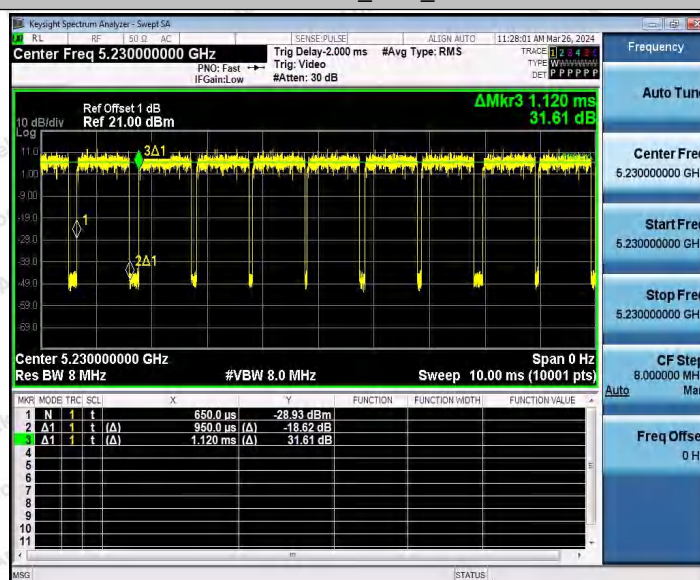


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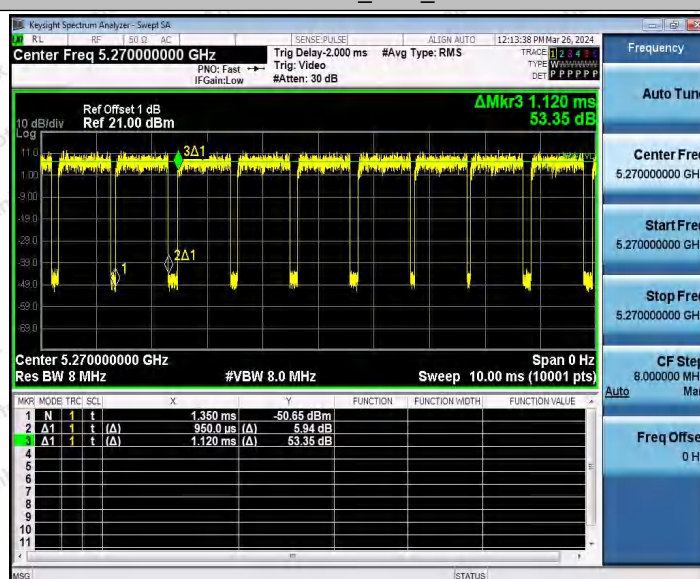




11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



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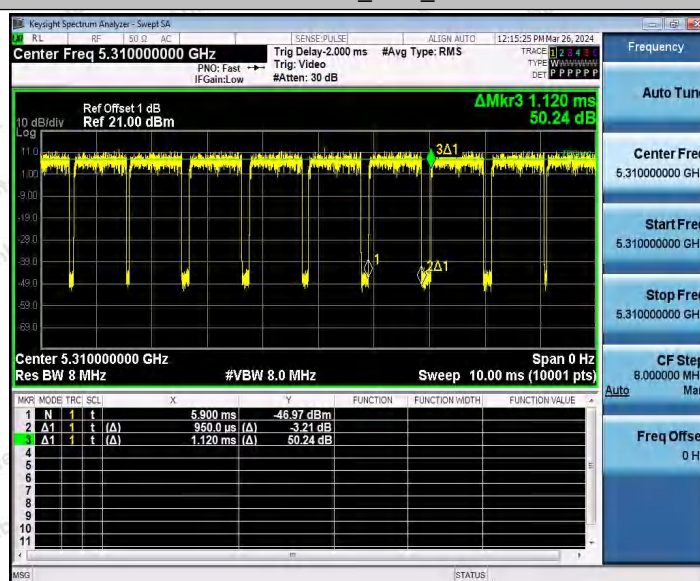
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## 11N40SISO\_Ant1\_5310



## 11AC20SISO\_Ant1\_5180



## 11AC20SISO\_Ant1\_5200

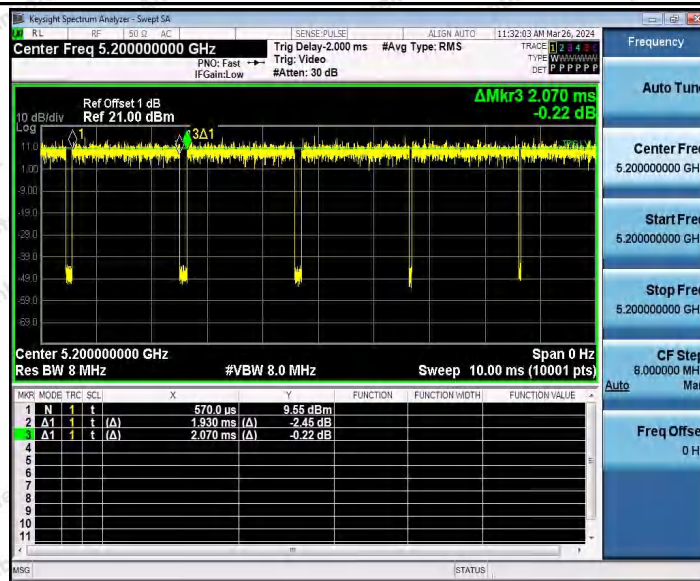
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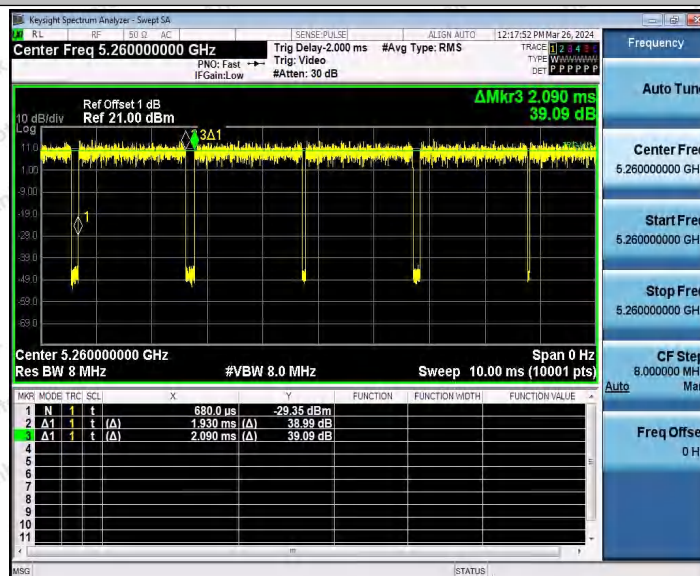




11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5260



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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



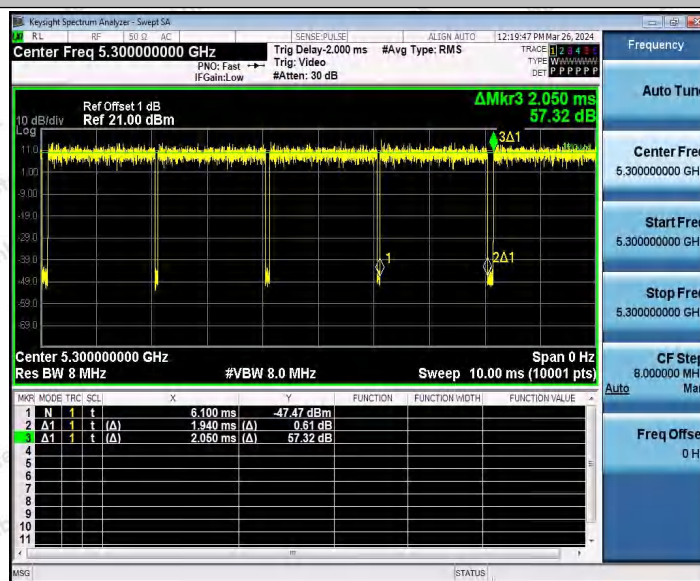
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## 11AC20SISO\_Ant1\_5300



## 11AC20SISO\_Ant1\_5320



## 11AC40SISO\_Ant1\_5190

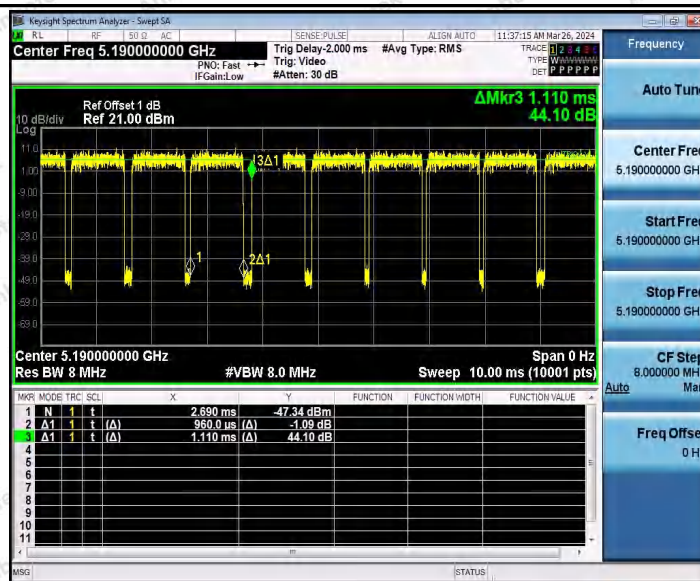
## Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

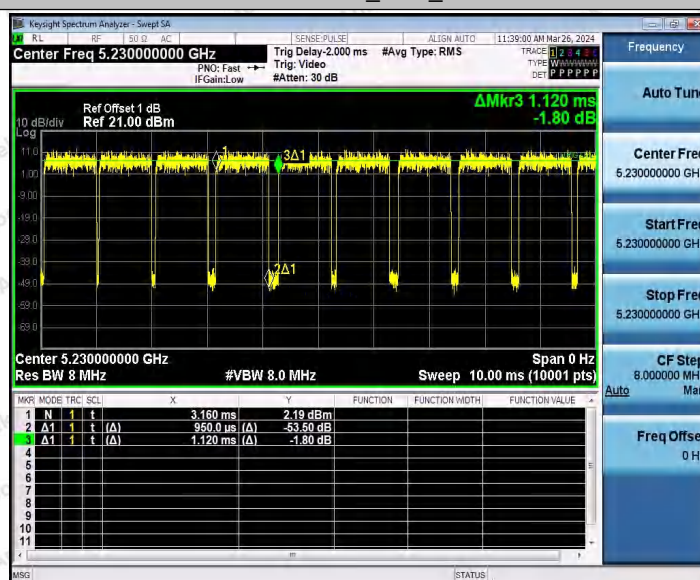


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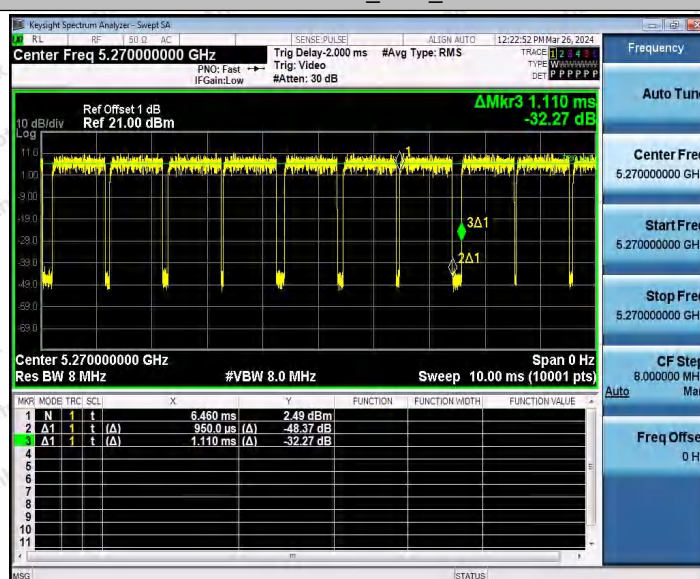




11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5270



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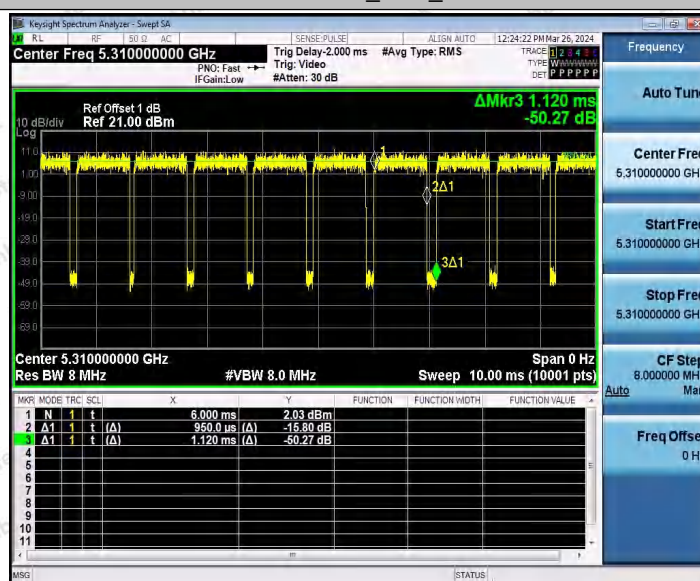
Hotline

400-003-0500

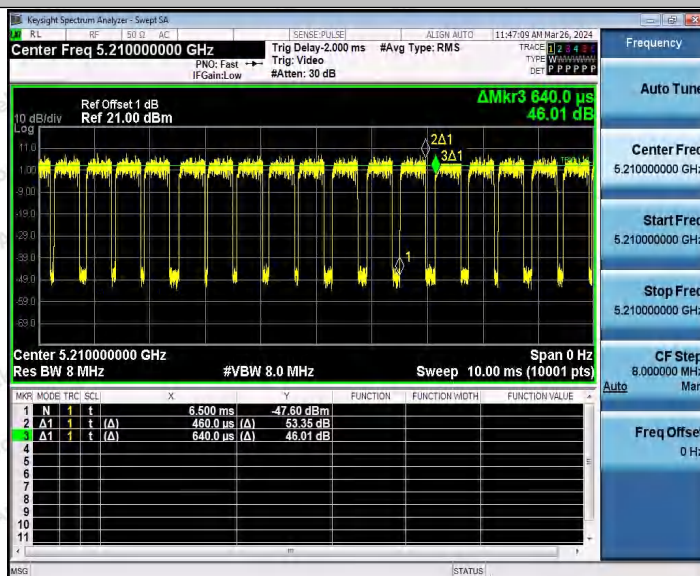
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## 11AC40SISO\_Ant1\_5310



## 11AC80SISO\_Ant1\_5210



## 11AC80SISO\_Ant1\_5290

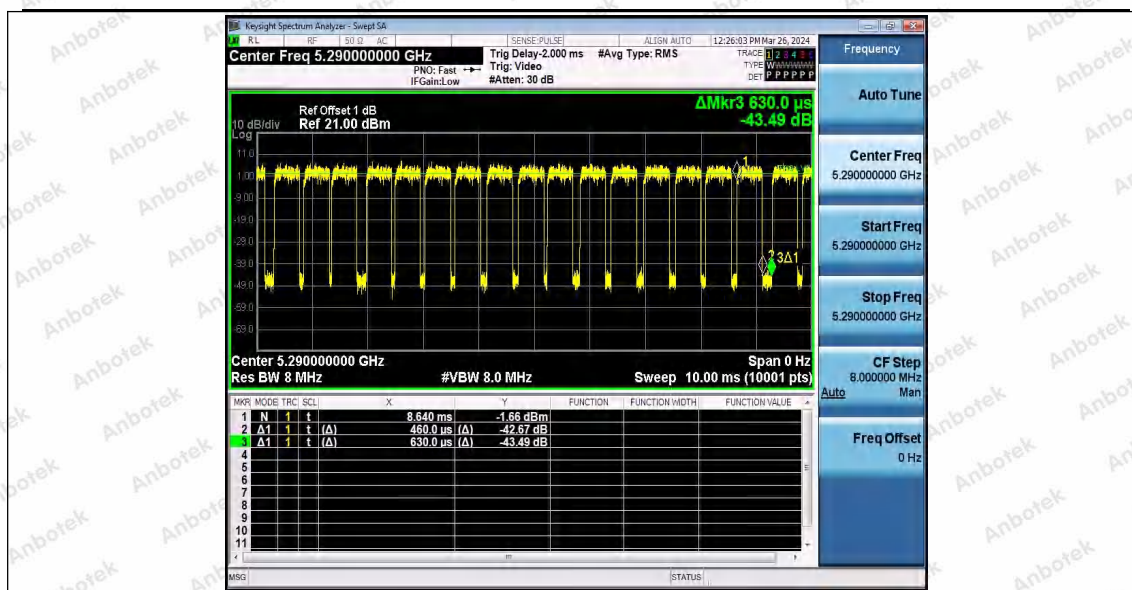
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## Appendix C: Maximum Conducted Output Power

### Test Result Channel Power

| Test Mode   | Antenna | Frequency [MHz] | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-------------|---------|-----------------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A         | Ant1    | 5180            | 14.65               | 94.93          | 0.23            | 14.88        | ≤23.98      | PASS    |
|             |         | 5200            | 15.02               | 92.79          | 0.32            | 15.34        | ≤23.98      | PASS    |
|             |         | 5240            | 15.18               | 92.79          | 0.32            | <b>15.50</b> | ≤23.98      | PASS    |
|             |         | 5260            | 14.80               | 93.24          | 0.30            | 15.10        | ≤23.98      | PASS    |
|             |         | 5300            | 14.39               | 94.09          | 0.26            | 14.65        | ≤23.98      | PASS    |
|             |         | 5320            | 14.43               | 92.79          | 0.32            | 14.75        | ≤23.98      | PASS    |
| 11N20SI SO  | Ant1    | 5180            | 14.57               | 92.75          | 0.33            | 14.90        | ≤23.98      | PASS    |
|             |         | 5200            | 14.76               | 93.66          | 0.28            | 15.04        | ≤23.98      | PASS    |
|             |         | 5240            | 15.11               | 93.66          | 0.28            | 15.39        | ≤23.98      | PASS    |
|             |         | 5260            | 13.15               | 93.64          | 0.29            | 13.44        | ≤23.98      | PASS    |
|             |         | 5300            | 12.88               | 92.75          | 0.33            | 13.21        | ≤23.98      | PASS    |
|             |         | 5320            | 12.97               | 93.66          | 0.28            | 13.25        | ≤23.98      | PASS    |
| 11N40SI SO  | Ant1    | 5190            | 13.39               | 84.82          | 0.72            | 14.11        | ≤23.98      | PASS    |
|             |         | 5230            | 13.87               | 84.82          | 0.72            | 14.59        | ≤23.98      | PASS    |
|             |         | 5270            | 13.80               | 84.82          | 0.72            | 14.52        | ≤23.98      | PASS    |
|             |         | 5310            | 13.58               | 84.82          | 0.72            | 14.30        | ≤23.98      | PASS    |
| 11AC20 SISO | Ant1    | 5180            | 13.15               | 94.61          | 0.24            | 13.39        | ≤23.98      | PASS    |
|             |         | 5200            | 13.60               | 93.24          | 0.30            | 13.90        | ≤23.98      | PASS    |
|             |         | 5240            | 13.93               | 93.24          | 0.30            | 14.23        | ≤23.98      | PASS    |
|             |         | 5260            | 13.19               | 92.34          | 0.35            | 13.54        | ≤23.98      | PASS    |
|             |         | 5300            | 12.98               | 94.63          | 0.24            | 13.22        | ≤23.98      | PASS    |
|             |         | 5320            | 13.07               | 92.79          | 0.32            | 13.39        | ≤23.98      | PASS    |
| 11AC40 SISO | Ant1    | 5190            | 13.70               | 86.49          | 0.63            | 14.33        | ≤23.98      | PASS    |
|             |         | 5230            | 13.97               | 84.82          | 0.72            | 14.69        | ≤23.98      | PASS    |
|             |         | 5270            | 13.43               | 85.59          | 0.68            | 14.11        | ≤23.98      | PASS    |
|             |         | 5310            | 13.27               | 84.82          | 0.72            | 13.99        | ≤23.98      | PASS    |
| 11AC80 SISO | Ant1    | 5210            | 13.64               | 71.88          | 1.43            | 15.07        | ≤23.98      | PASS    |
|             |         | 5290            | 13.78               | 73.02          | 1.37            | 15.15        | ≤23.98      | PASS    |

Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.

