

Appendix Test Data

| | | | |
|------------------|-----------------|--------------------|-------------------|
| Report No: | 18220WC20183201 | Test Sample NO: | 1-2-2 |
| Start Test Date: | 2022.8.17 | Finish Test Date: | 2022.8.27 |
| Test Engineer: | <i>Jony He</i> | Auditor: | <i>Edward Pan</i> |
| Temperature: | 27.3°C | Relative Humidity: | 48% |
| Pressure: | 1012 hPa | | |

Appendix A1: Emission Bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz] | FH[MHz] |
|------------|---------|----------------|----------------|----------|----------|
| 11A | Ant1 | 5180 | 19.360 | 5170.280 | 5189.640 |
| | Ant2 | 5180 | 19.320 | 5170.320 | 5189.640 |
| | Ant1 | 5200 | 19.320 | 5190.480 | 5209.800 |
| | Ant2 | 5200 | 19.280 | 5190.520 | 5209.800 |
| | Ant1 | 5240 | 19.120 | 5230.440 | 5249.560 |
| | Ant2 | 5240 | 19.360 | 5230.360 | 5249.720 |
| 11N20SISO | Ant1 | 5180 | 19.320 | 5170.320 | 5189.640 |
| | Ant2 | 5180 | 19.320 | 5170.440 | 5189.760 |
| | Ant1 | 5200 | 19.200 | 5190.560 | 5209.760 |
| | Ant2 | 5200 | 19.240 | 5190.480 | 5209.720 |
| | Ant1 | 5240 | 19.240 | 5230.400 | 5249.640 |
| | Ant2 | 5240 | 19.200 | 5230.360 | 5249.560 |
| 11N40SISO | Ant1 | 5190 | 39.680 | 5170.320 | 5210.000 |
| | Ant2 | 5190 | 39.520 | 5170.480 | 5210.000 |
| | Ant1 | 5230 | 40.240 | 5210.240 | 5250.480 |
| | Ant2 | 5230 | 40.640 | 5209.760 | 5250.400 |
| 11AC20SISO | Ant1 | 5180 | 19.240 | 5170.360 | 5189.600 |
| | Ant2 | 5180 | 19.240 | 5170.400 | 5189.640 |
| | Ant1 | 5200 | 19.280 | 5190.480 | 5209.760 |
| | Ant2 | 5200 | 19.280 | 5190.480 | 5209.760 |
| | Ant1 | 5240 | 19.240 | 5230.400 | 5249.640 |
| | Ant2 | 5240 | 19.360 | 5230.360 | 5249.720 |
| 11AC40SISO | Ant1 | 5190 | 39.680 | 5170.320 | 5210.000 |
| | Ant2 | 5190 | 39.600 | 5170.320 | 5209.920 |
| | Ant1 | 5230 | 40.560 | 5209.760 | 5250.320 |
| | Ant2 | 5230 | 40.400 | 5209.760 | 5250.160 |
| 11AC80SISO | Ant1 | 5210 | 94.560 | 5170.320 | 5264.880 |
| | Ant2 | 5210 | 90.400 | 5170.000 | 5260.400 |

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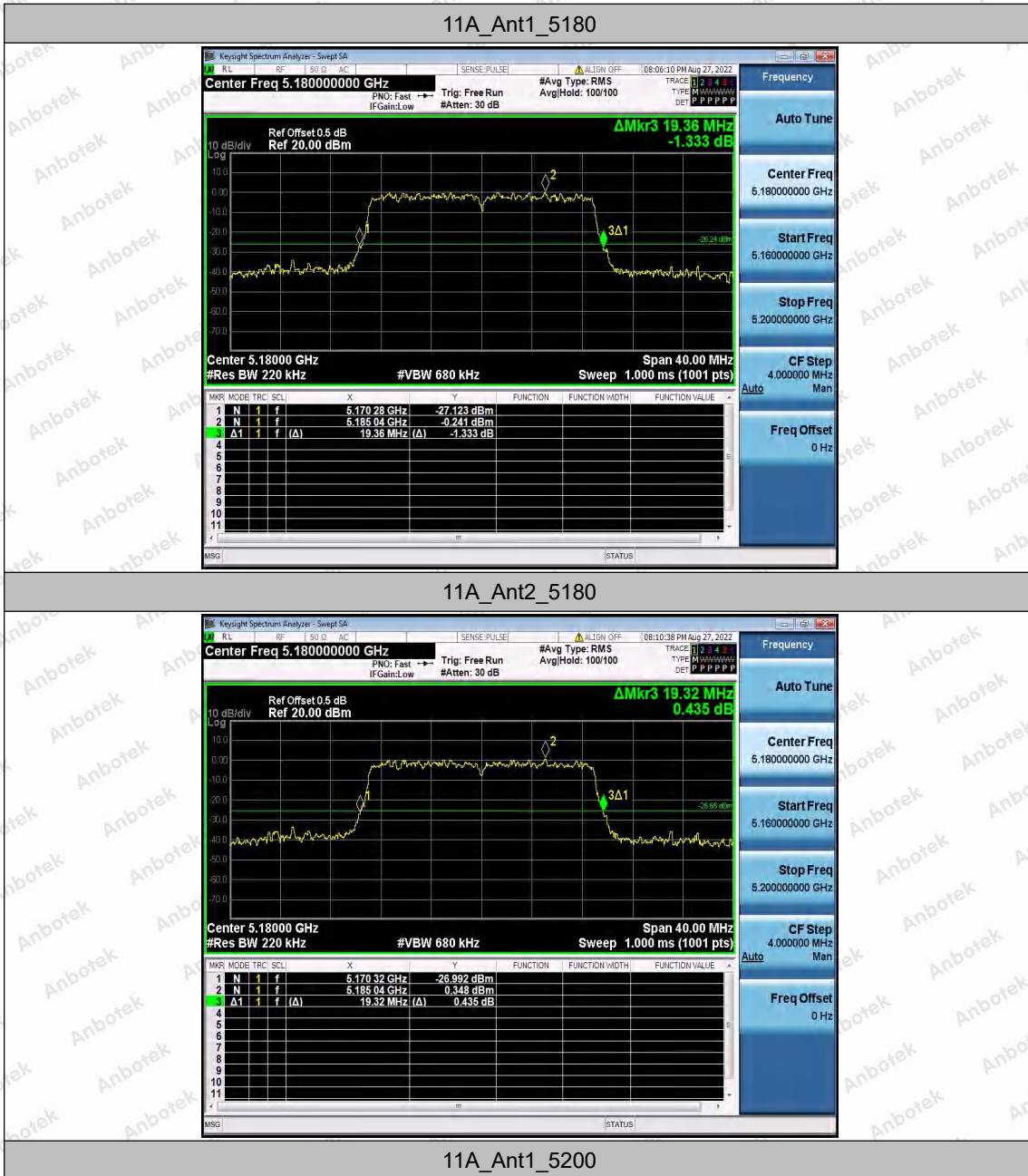
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Test Graphs



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11A_Ant2_5200



11A_Ant1_5240



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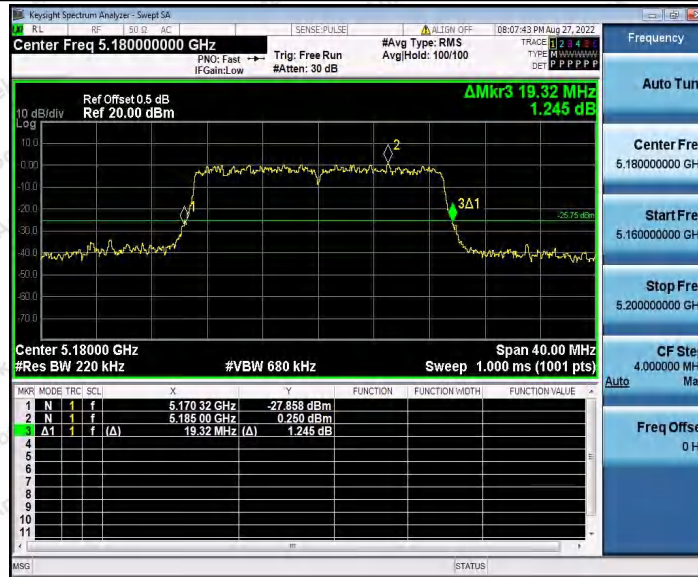
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11A_Ant2_5240



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180

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11N20SISO_Ant1_5200



11N20SISO_Ant2_5200



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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N40SISO_Ant1_5190

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11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



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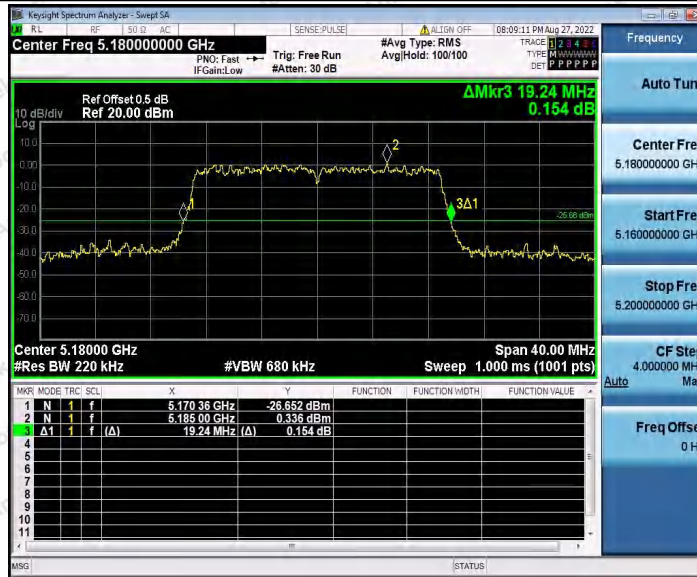
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11N40SISO_Ant2_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180

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11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



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11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC40SISO_Ant1_5190

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11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



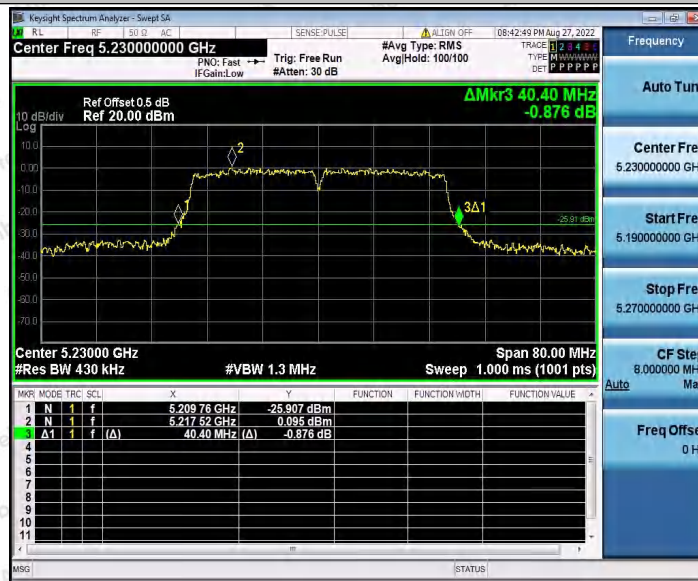
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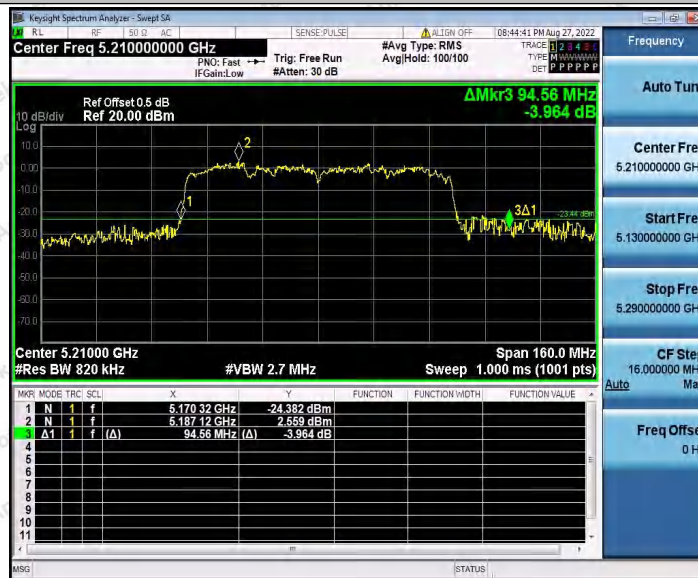
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11AC40SISO_Ant2_5230



11AC80SISO_Ant1_5210



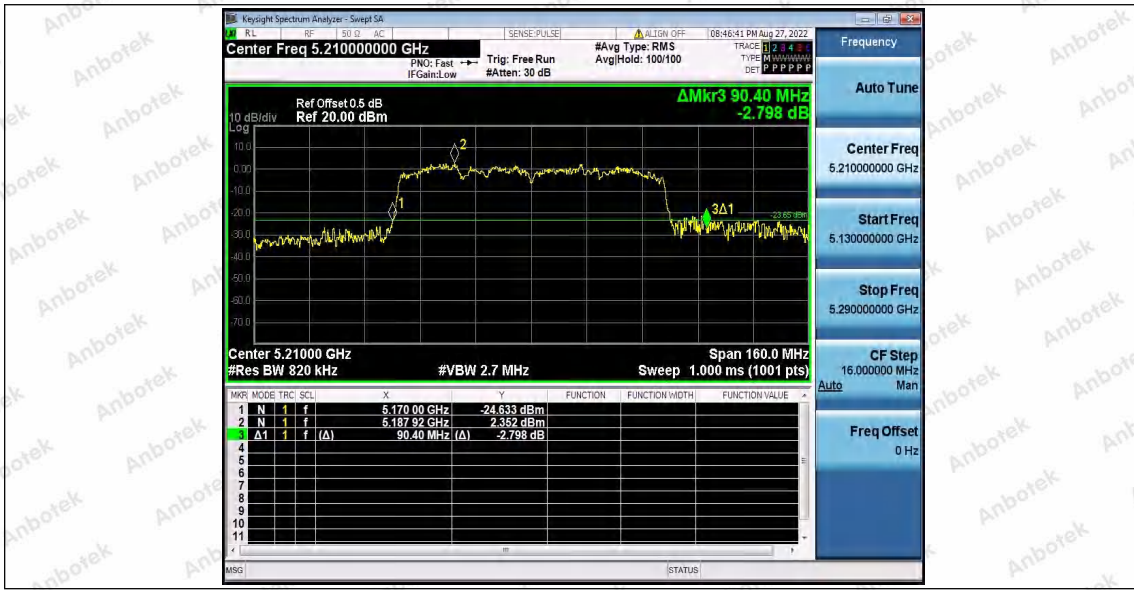
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Appendix A2: Occupied channel bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] |
|------------|---------|----------------|-----------|-----------|-----------|
| 11A | Ant1 | 5180 | 17.807 | 5171.1244 | 5188.9314 |
| | Ant2 | 5180 | 17.777 | 5171.1346 | 5188.9116 |
| | Ant1 | 5200 | 17.787 | 5191.1775 | 5208.9645 |
| | Ant2 | 5200 | 17.789 | 5191.1790 | 5208.9680 |
| | Ant1 | 5240 | 17.707 | 5231.1626 | 5248.8696 |
| | Ant2 | 5240 | 17.705 | 5231.1677 | 5248.8727 |
| 11N20SISO | Ant1 | 5180 | 17.811 | 5171.1225 | 5188.9335 |
| | Ant2 | 5180 | 17.817 | 5171.1291 | 5188.9461 |
| | Ant1 | 5200 | 17.788 | 5191.1793 | 5208.9673 |
| | Ant2 | 5200 | 17.788 | 5191.1809 | 5208.9689 |
| | Ant1 | 5240 | 17.704 | 5231.1675 | 5248.8715 |
| | Ant2 | 5240 | 17.649 | 5231.1970 | 5248.8460 |
| 11N40SISO | Ant1 | 5190 | 36.246 | 5171.9072 | 5208.1532 |
| | Ant2 | 5190 | 36.256 | 5171.8908 | 5208.1468 |
| | Ant1 | 5230 | 36.400 | 5211.9057 | 5248.3057 |
| | Ant2 | 5230 | 36.411 | 5211.9116 | 5248.3226 |
| 11AC20SISO | Ant1 | 5180 | 17.798 | 5171.1316 | 5188.9296 |
| | Ant2 | 5180 | 17.813 | 5171.1278 | 5188.9408 |
| | Ant1 | 5200 | 17.802 | 5191.1823 | 5208.9843 |
| | Ant2 | 5200 | 17.803 | 5191.1740 | 5208.9770 |
| | Ant1 | 5240 | 17.708 | 5231.1662 | 5248.8742 |
| | Ant2 | 5240 | 17.707 | 5231.1696 | 5248.8766 |
| 11AC40SISO | Ant1 | 5190 | 36.236 | 5171.8896 | 5208.1256 |
| | Ant2 | 5190 | 36.207 | 5171.9035 | 5208.1105 |
| | Ant1 | 5230 | 36.422 | 5211.9170 | 5248.3390 |
| | Ant2 | 5230 | 36.406 | 5211.9078 | 5248.3138 |
| 11AC80SISO | Ant1 | 5210 | 75.933 | 5172.2925 | 5248.2255 |
| | Ant2 | 5210 | 75.888 | 5172.3061 | 5248.1941 |

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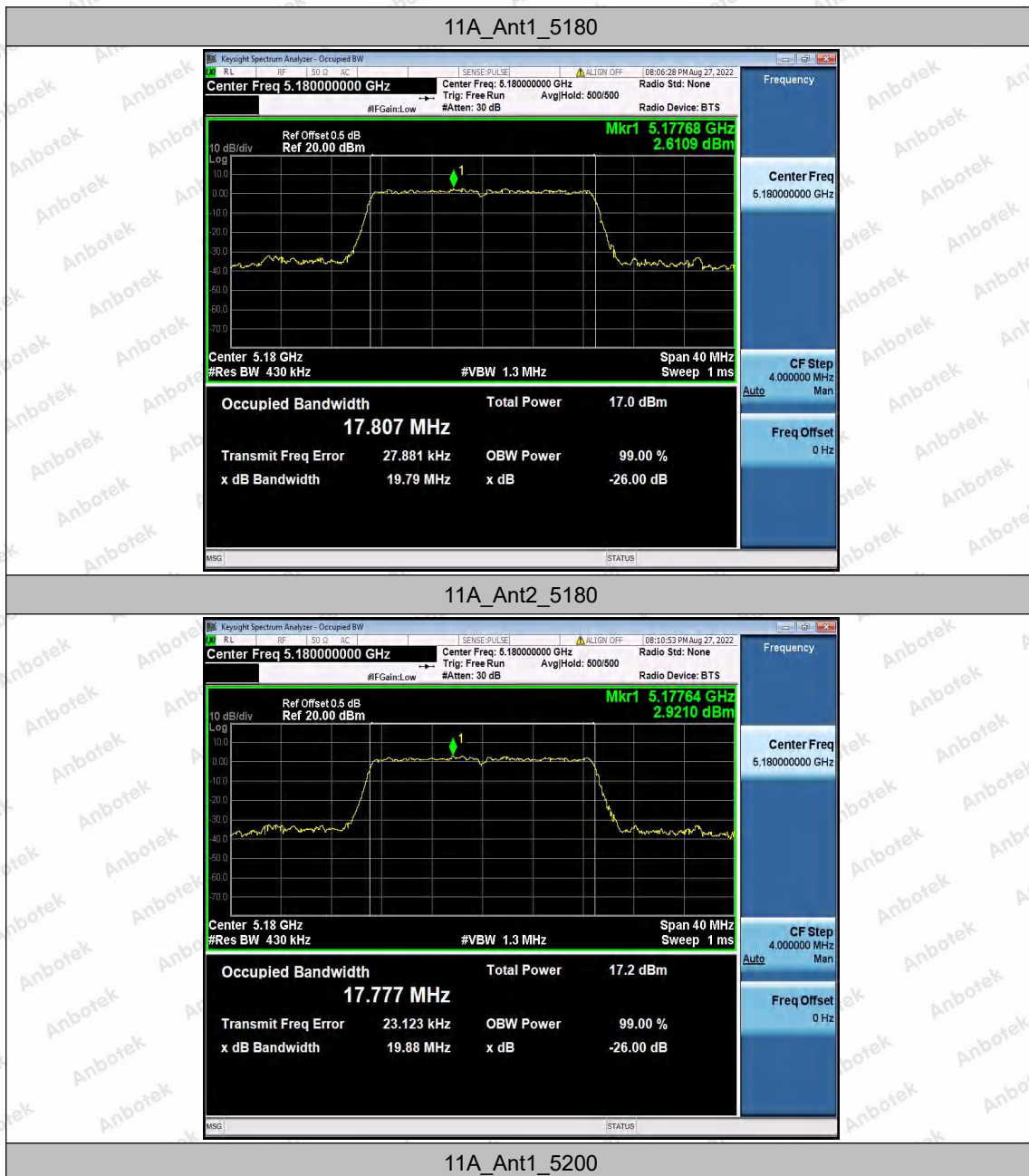
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Test Graphs



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11A_Ant2_5200



11A_Ant1_5240



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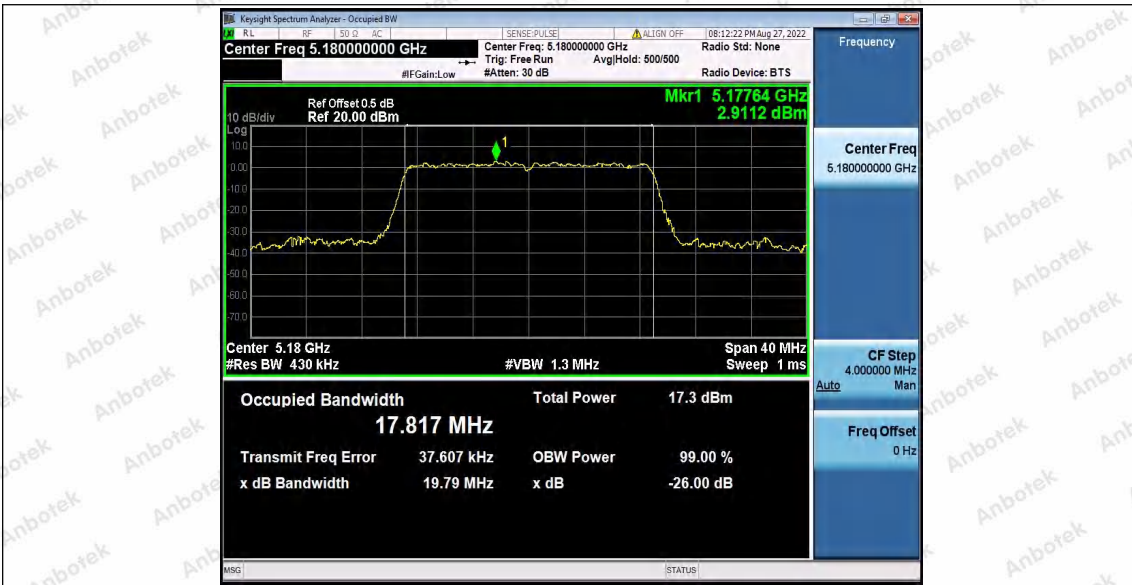
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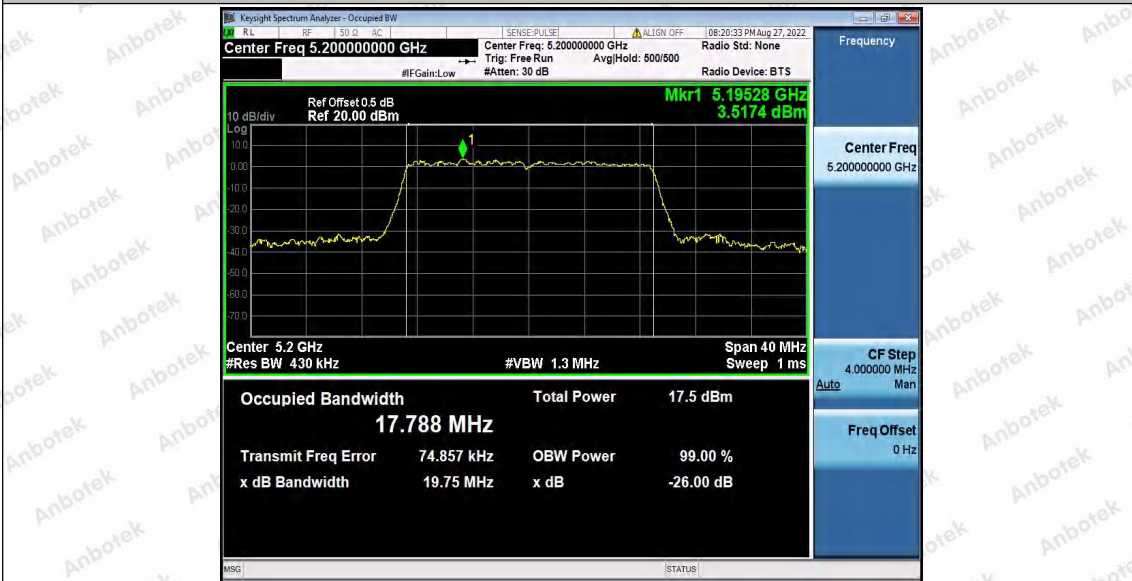




11N20SISO_Ant1_5200



11N20SISO_Ant2_5200



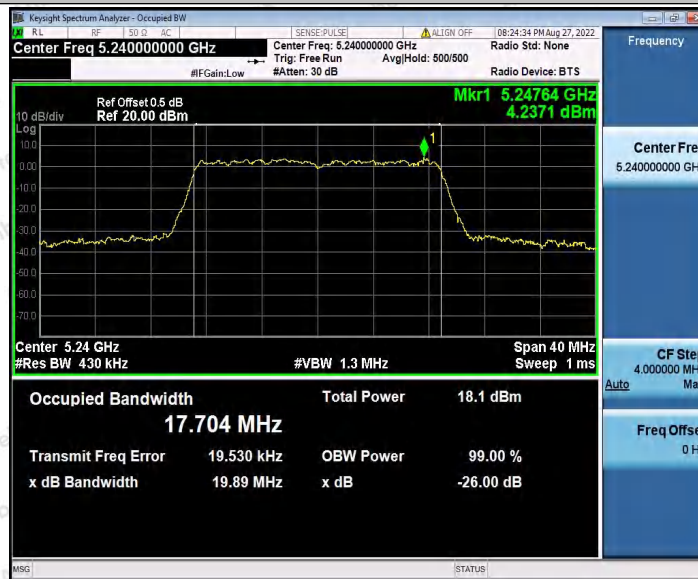
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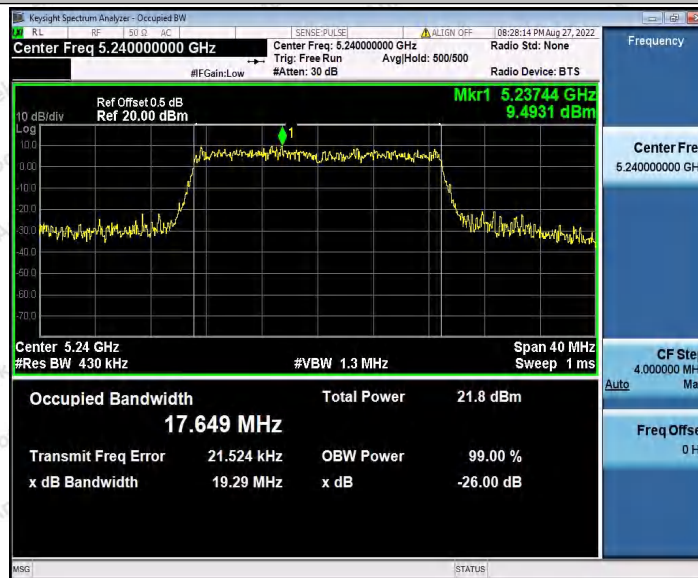
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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N40SISO_Ant1_5190

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11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



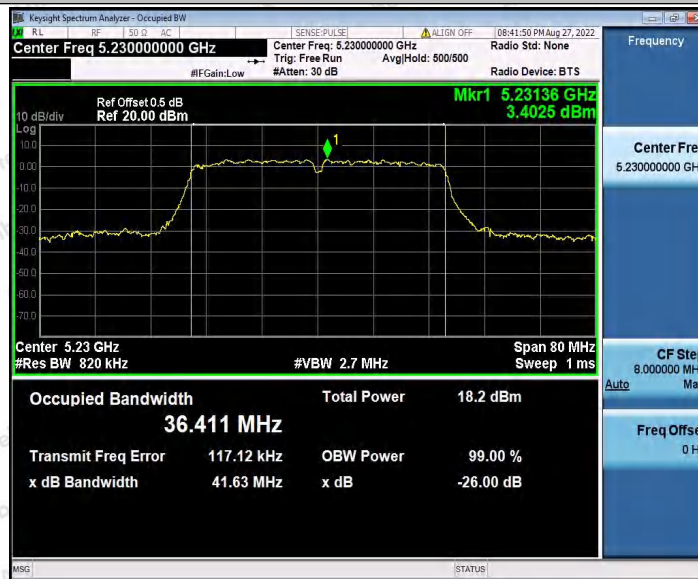
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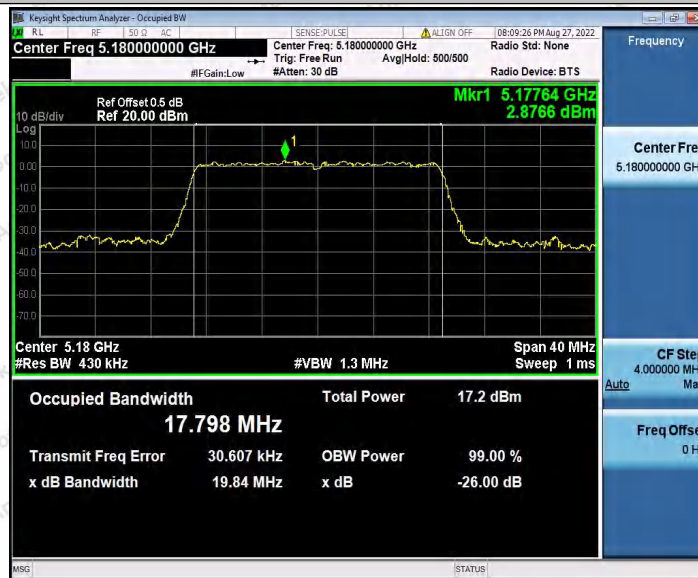
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11N40SISO_Ant2_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180

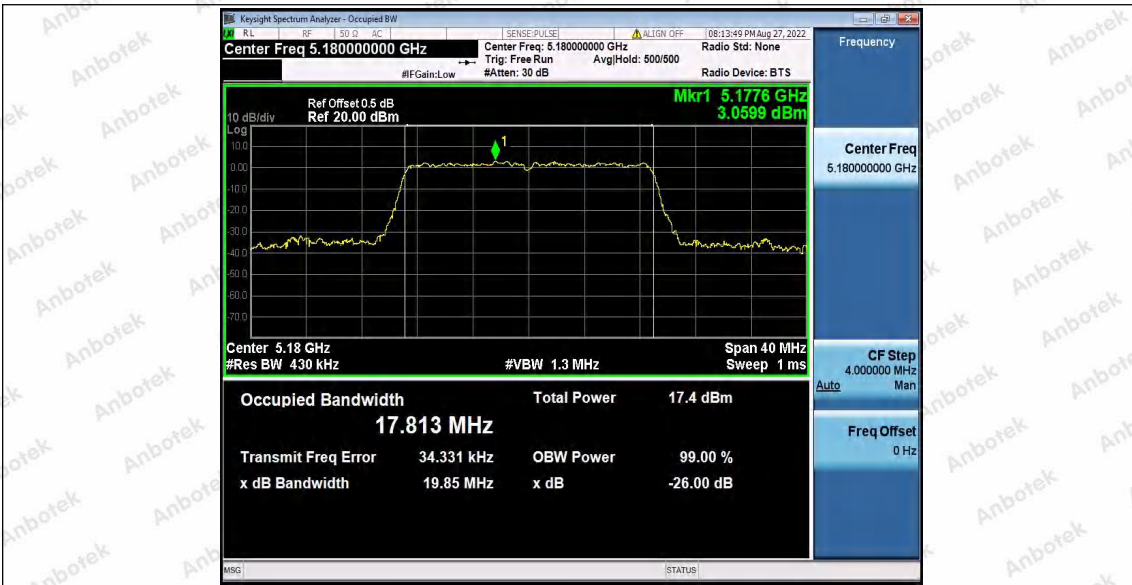
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11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



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11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



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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 | 0.23 | 0.46 | 50.00 |
| | Ant2 | 5180 | 0.23 | 0.46 | 50.00 |
| | Ant1 | 5200 | 0.22 | 0.50 | 44.00 |
| | Ant2 | 5200 | 0.23 | 0.46 | 50.00 |
| | Ant1 | 5240 | 0.23 | 0.46 | 50.00 |
| | Ant2 | 5240 | 0.23 | 0.46 | 50.00 |
| 11N20SISO | Ant1 | 5180 | 0.23 | 0.46 | 50.00 |
| | Ant2 | 5180 | 0.22 | 0.45 | 48.89 |
| | Ant1 | 5200 | 0.22 | 0.45 | 48.89 |
| | Ant2 | 5200 | 0.23 | 0.46 | 50.00 |
| | Ant1 | 5240 | 0.23 | 0.46 | 50.00 |
| | Ant2 | 5240 | 0.23 | 0.46 | 50.00 |
| 11N40SISO | Ant1 | 5190 | 0.13 | 0.36 | 36.11 |
| | Ant2 | 5190 | 0.13 | 0.36 | 36.11 |
| | Ant1 | 5230 | 0.13 | 0.36 | 36.11 |
| | Ant2 | 5230 | 0.12 | 0.35 | 34.29 |
| 11AC20SISO | Ant1 | 5180 | 0.23 | 0.46 | 50.00 |
| | Ant2 | 5180 | 0.23 | 0.46 | 50.00 |
| | Ant1 | 5200 | 0.23 | 0.46 | 50.00 |
| | Ant2 | 5200 | 0.23 | 0.46 | 50.00 |
| | Ant1 | 5240 | 0.23 | 0.46 | 50.00 |
| | Ant2 | 5240 | 0.23 | 0.46 | 50.00 |
| 11AC40SISO | Ant1 | 5190 | 0.13 | 0.36 | 36.11 |
| | Ant2 | 5190 | 0.13 | 0.36 | 36.11 |
| | Ant1 | 5230 | 0.13 | 0.36 | 36.11 |
| | Ant2 | 5230 | 0.13 | 0.34 | 38.24 |
| 11AC80SISO | Ant1 | 5210 | 0.23 | 0.46 | 50.00 |
| | Ant2 | 5210 | 0.23 | 0.46 | 50.00 |

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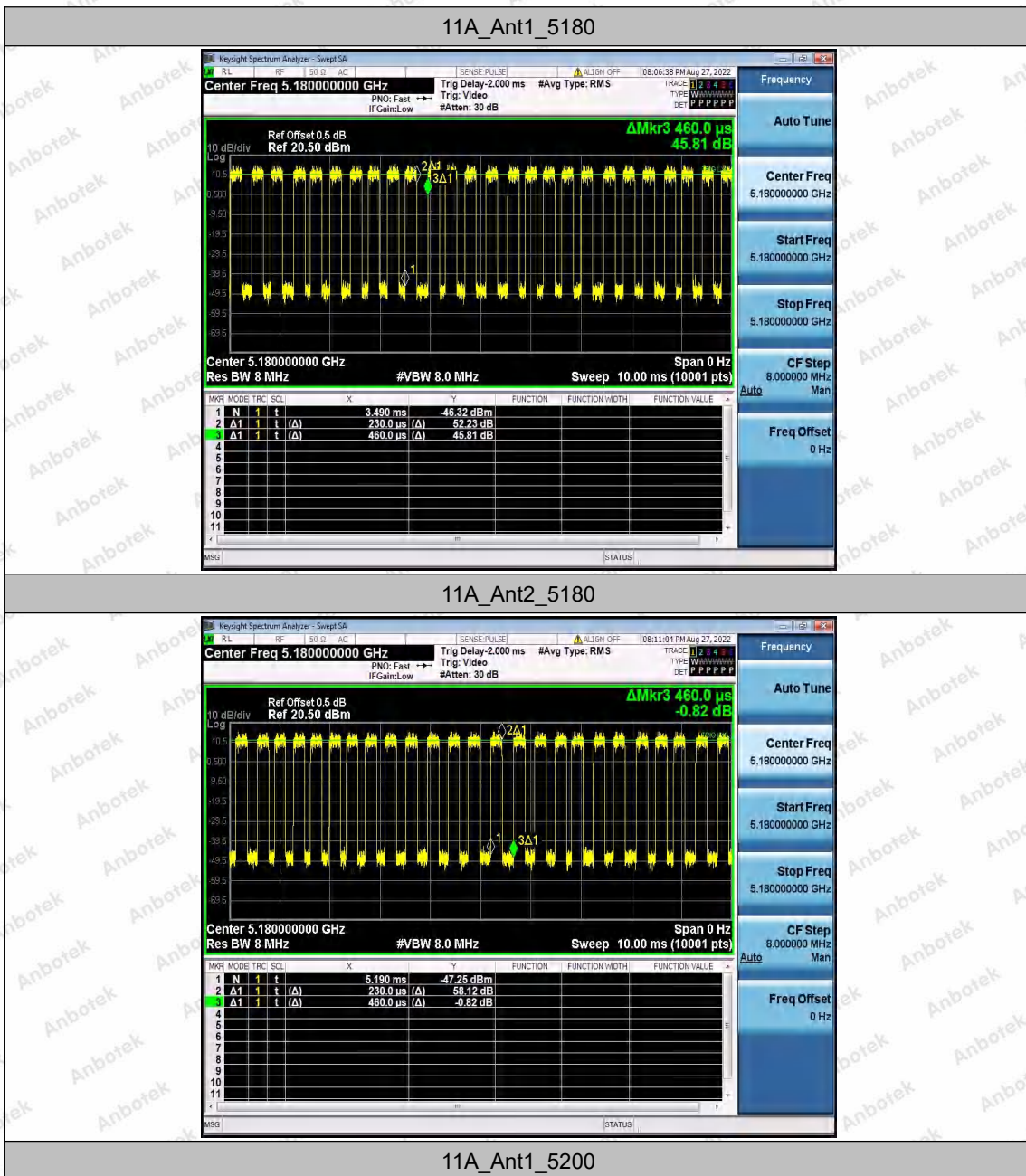
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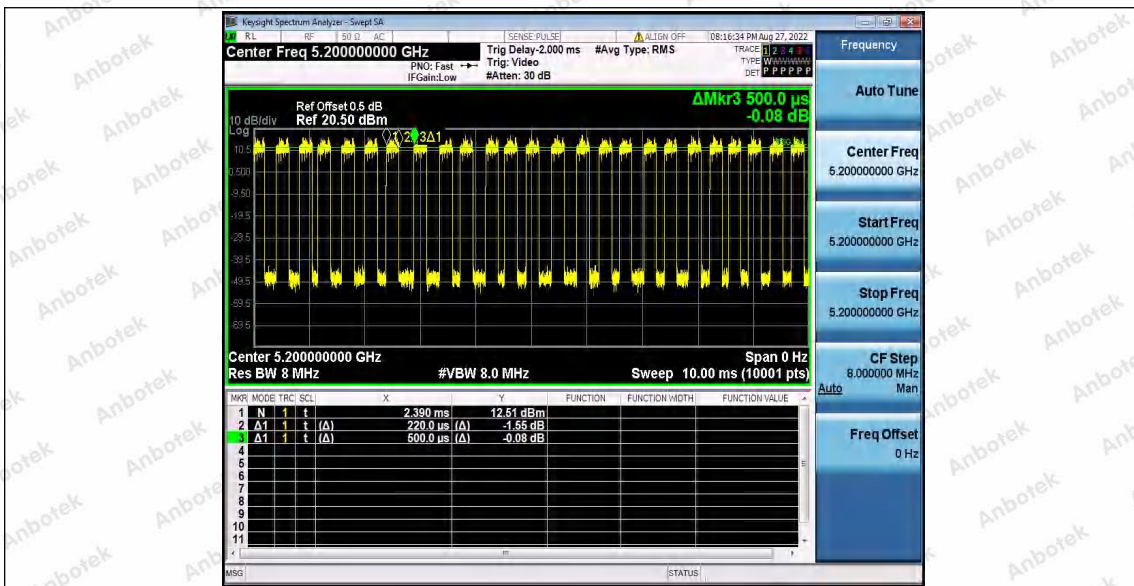


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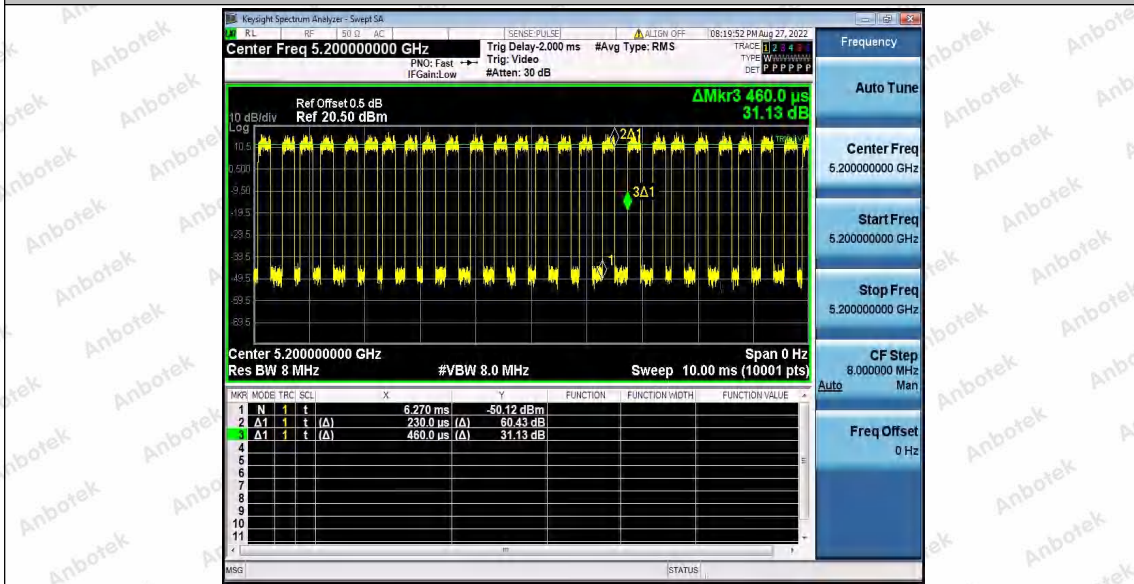
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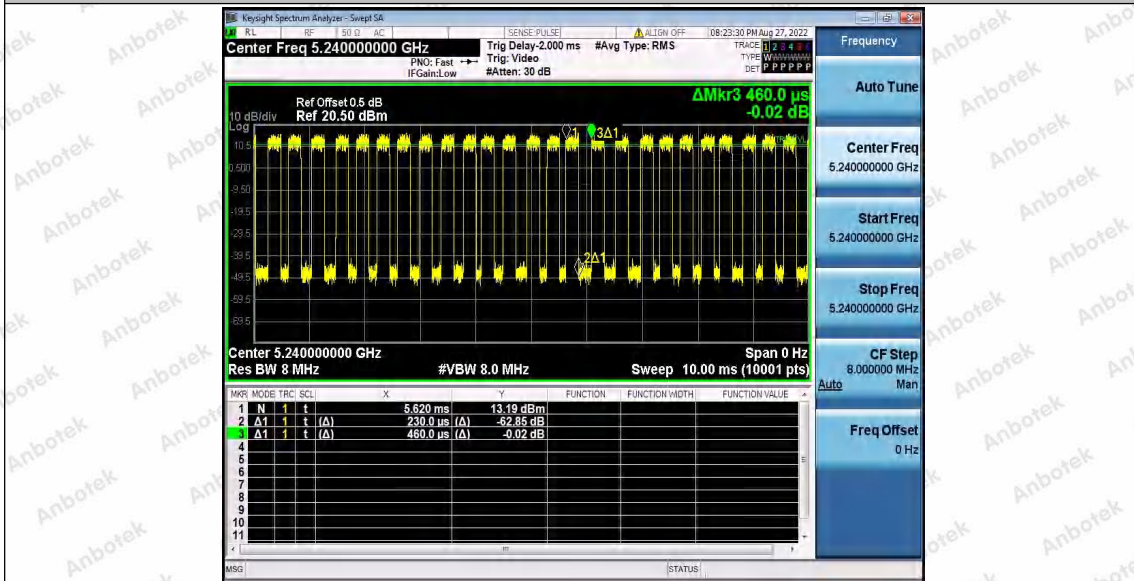




11A_Ant2_5200



11A_Ant1_5240

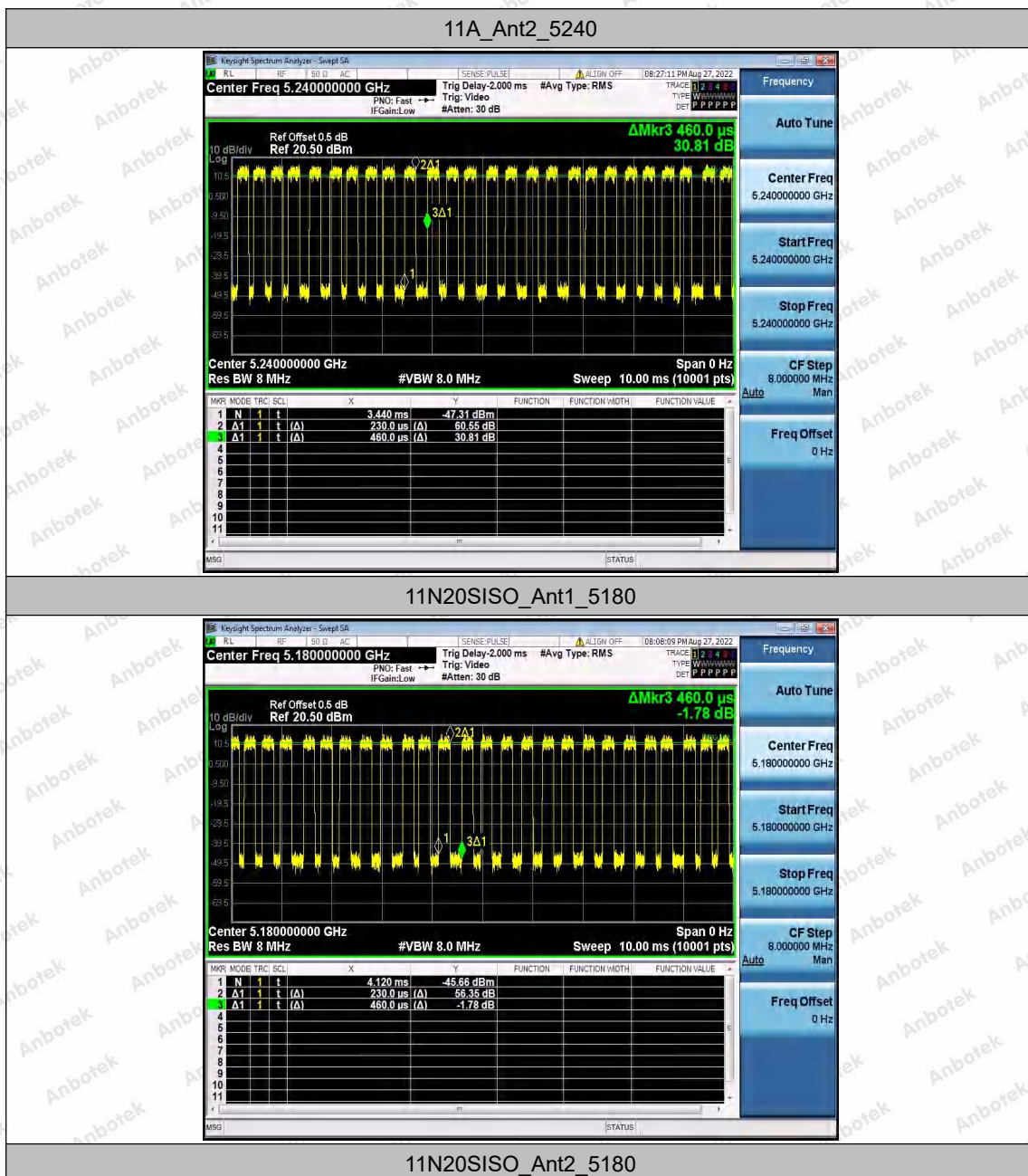


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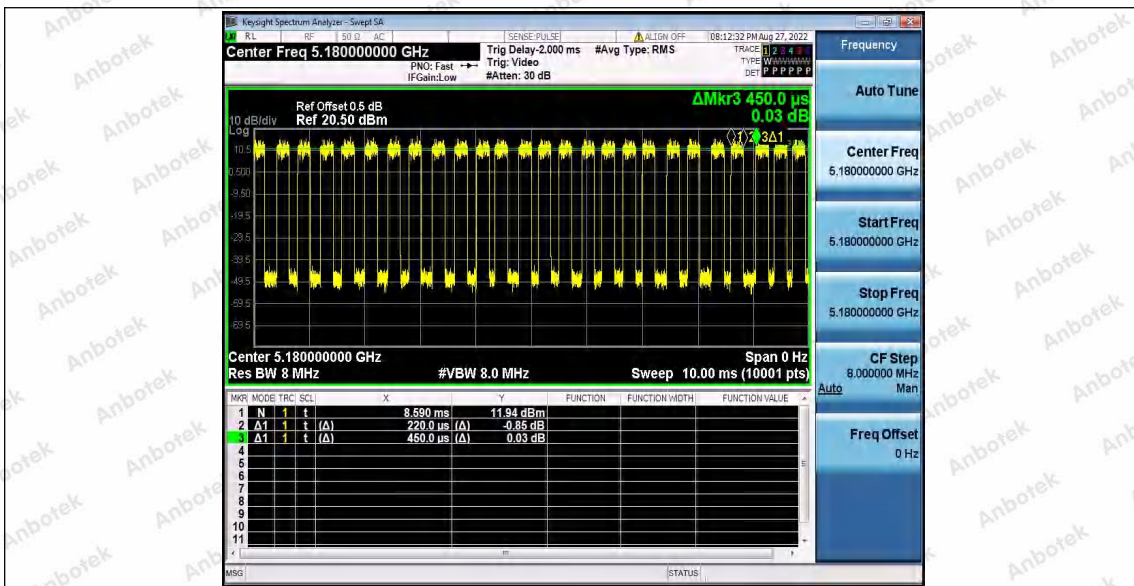
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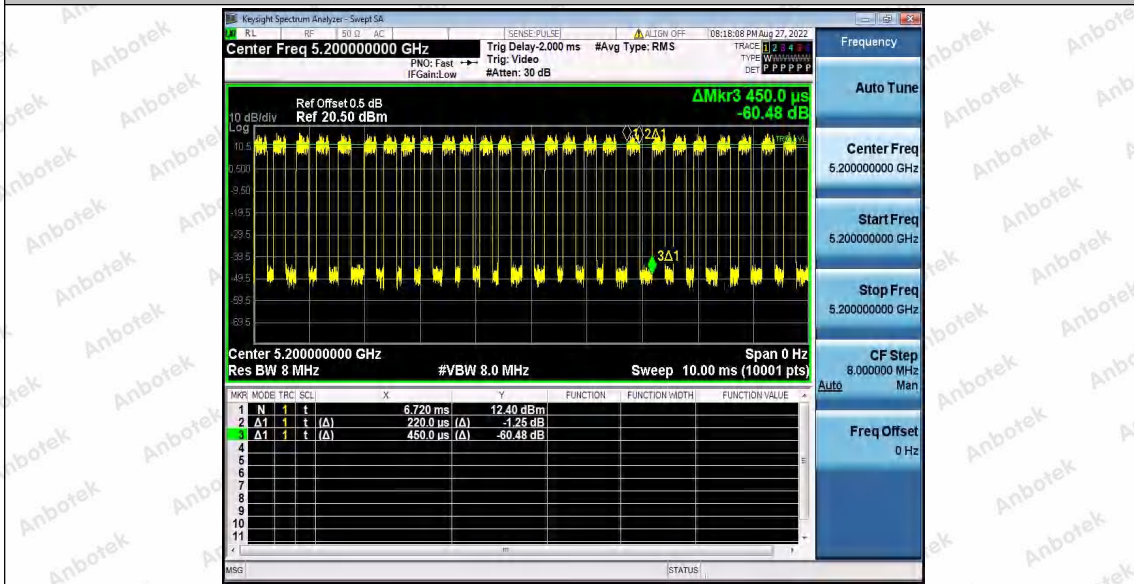


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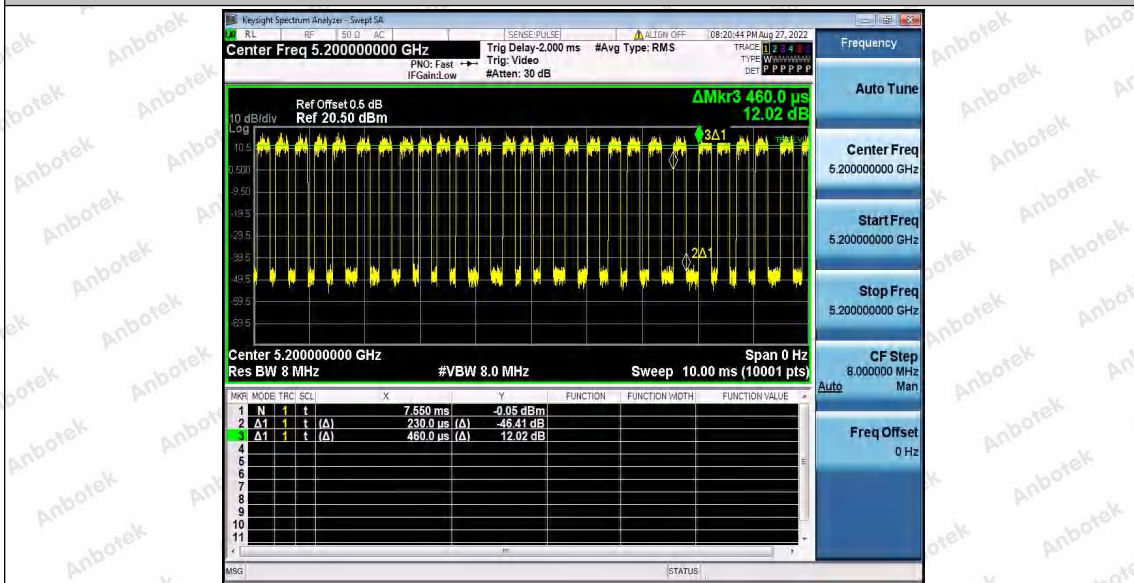




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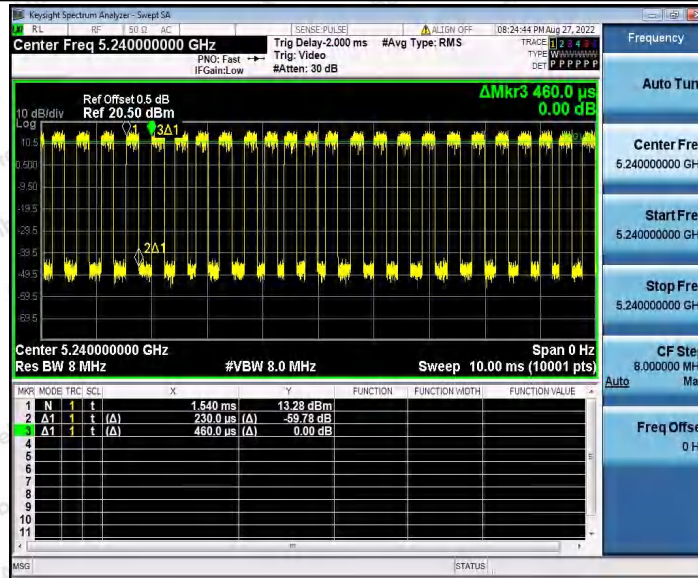
Shenzhen Anbotek Compliance Laboratory Limited

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

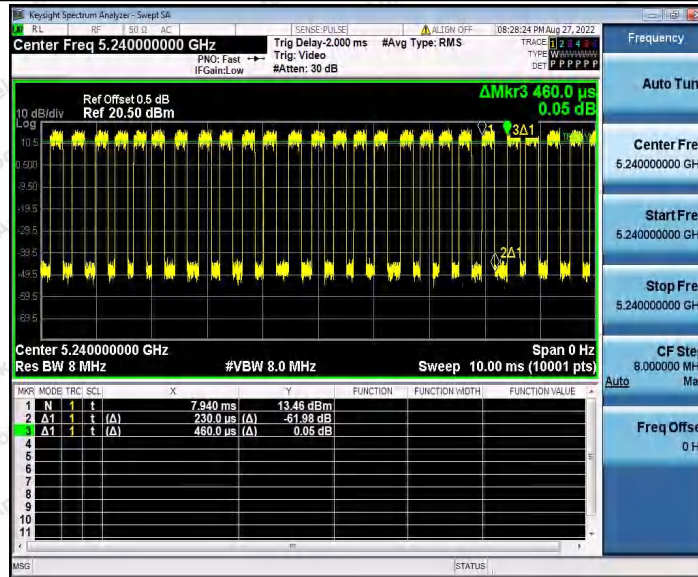
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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



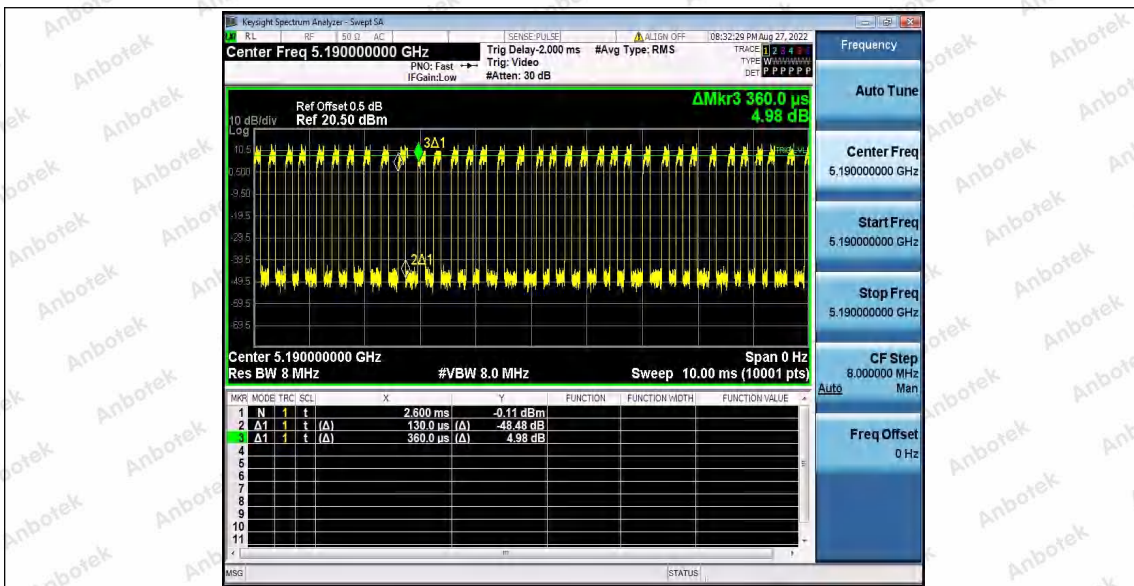
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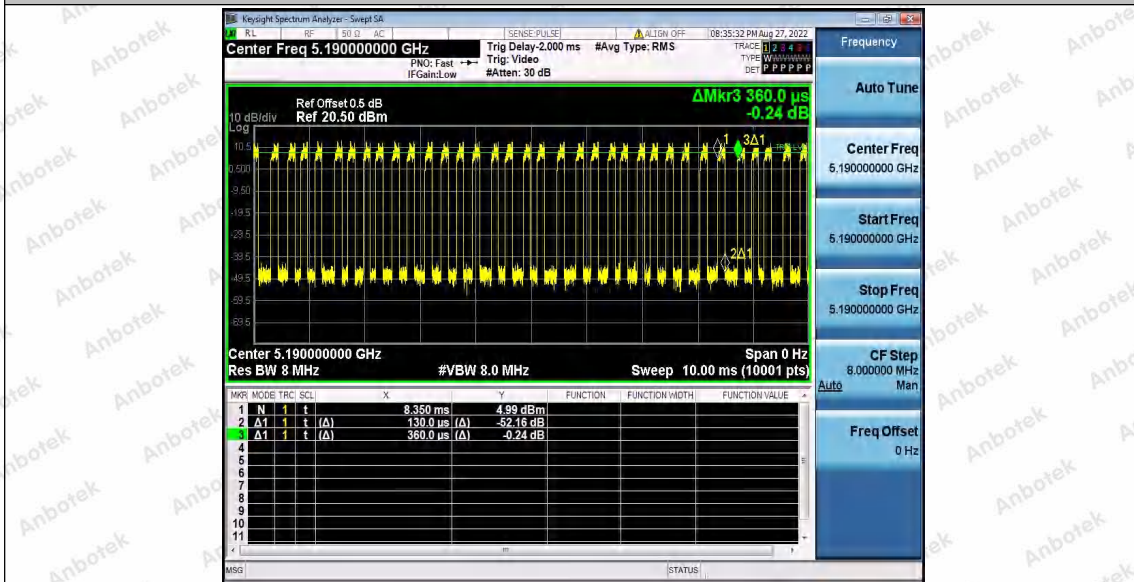
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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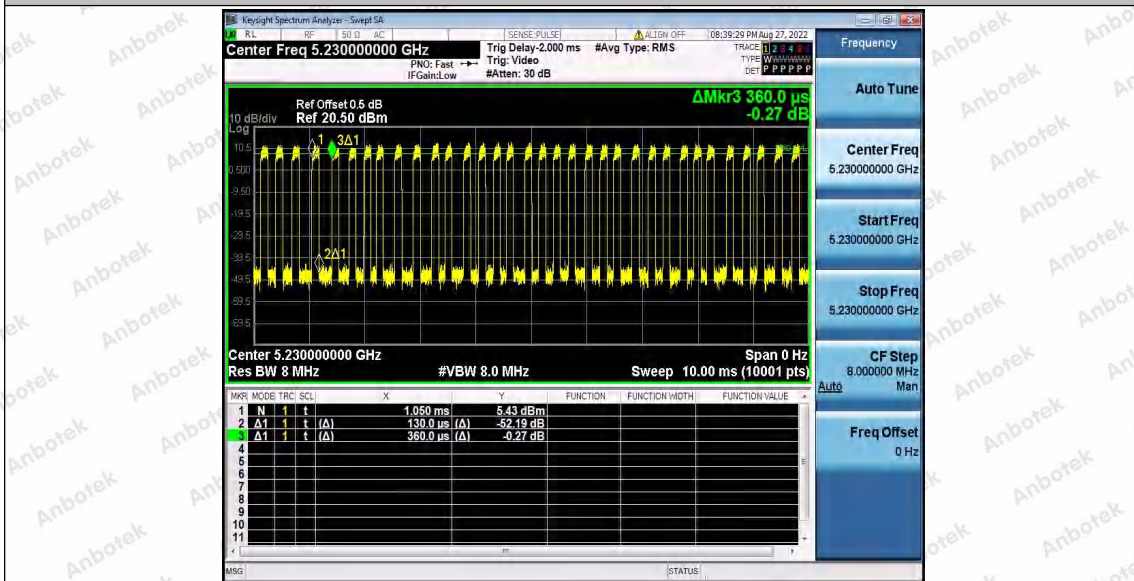




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11N40SISO_Ant1_5230



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