



## Appendix A1: Emission Bandwidth

### Test Result

#### Ant 1

| Test Mode | Antenna | Frequency[MHz] | 26db<br>EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|----------------------|----------|----------|------------|---------|
| 11A       | Ant1    | 5180           | 23.920               | 5168.080 | 5192.000 | ---        | ---     |
| 11A       | Ant1    | 5200           | 24.920               | 5187.200 | 5212.120 | ---        | ---     |
| 11A       | Ant1    | 5240           | 19.800               | 5230.080 | 5249.880 | ---        | ---     |
| 11A       | Ant1    | 5260           | 24.320               | 5248.040 | 5272.360 | ---        | ---     |
| 11A       | Ant1    | 5280           | 23.960               | 5267.760 | 5291.720 | ---        | ---     |
| 11A       | Ant1    | 5320           | 24.120               | 5308.240 | 5332.360 | ---        | ---     |
| 11A       | Ant1    | 5500           | 24.640               | 5487.320 | 5511.960 | ---        | ---     |
| 11A       | Ant1    | 5580           | 23.520               | 5568.360 | 5591.880 | ---        | ---     |
| 11A       | Ant1    | 5700           | 25.680               | 5686.760 | 5712.440 | ---        | ---     |
| 11A       | Ant1    | 5745           | 24.200               | 5732.960 | 5757.160 | ---        | ---     |
| 11A       | Ant1    | 5785           | 24.440               | 5772.440 | 5796.880 | ---        | ---     |
| 11A       | Ant1    | 5825           | 23.800               | 5813.200 | 5837.000 | ---        | ---     |
| 11N20SISO | Ant1    | 5180           | 24.560               | 5167.840 | 5192.400 | ---        | ---     |
| 11N20SISO | Ant1    | 5200           | 24.640               | 5187.800 | 5212.440 | ---        | ---     |
| 11N20SISO | Ant1    | 5240           | 20.240               | 5229.920 | 5250.160 | ---        | ---     |
| 11N20SISO | Ant1    | 5260           | 25.000               | 5247.960 | 5272.960 | ---        | ---     |
| 11N20SISO | Ant1    | 5280           | 24.480               | 5267.880 | 5292.360 | ---        | ---     |
| 11N20SISO | Ant1    | 5320           | 25.480               | 5307.560 | 5333.040 | ---        | ---     |
| 11N20SISO | Ant1    | 5500           | 25.320               | 5487.640 | 5512.960 | ---        | ---     |
| 11N20SISO | Ant1    | 5580           | 25.240               | 5567.840 | 5593.080 | ---        | ---     |
| 11N20SISO | Ant1    | 5700           | 25.720               | 5686.880 | 5712.600 | ---        | ---     |
| 11N20SISO | Ant1    | 5745           | 24.920               | 5732.200 | 5757.120 | ---        | ---     |
| 11N20SISO | Ant1    | 5785           | 25.200               | 5772.040 | 5797.240 | ---        | ---     |
| 11N20SISO | Ant1    | 5825           | 25.080               | 5812.440 | 5837.520 | ---        | ---     |
| 11N40SISO | Ant1    | 5190           | 39.440               | 5170.320 | 5209.760 | ---        | ---     |
| 11N40SISO | Ant1    | 5230           | 40.160               | 5209.920 | 5250.080 | ---        | ---     |
| 11N40SISO | Ant1    | 5270           | 39.600               | 5250.400 | 5290.000 | ---        | ---     |
| 11N40SISO | Ant1    | 5310           | 40.000               | 5290.160 | 5330.160 | ---        | ---     |
| 11N40SISO | Ant1    | 5510           | 40.000               | 5490.080 | 5530.080 | ---        | ---     |
| 11N40SISO | Ant1    | 5550           | 39.840               | 5530.080 | 5569.920 | ---        | ---     |
| 11N40SISO | Ant1    | 5670           | 39.600               | 5650.320 | 5689.920 | ---        | ---     |



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|------------|------|------|--------|----------|----------|-----|-----|
| 11N40SISO  | Ant1 | 5755 | 39.680 | 5735.080 | 5774.760 | --- | --- |
| 11N40SISO  | Ant1 | 5795 | 39.680 | 5775.080 | 5814.760 | --- | --- |
| 11AC20SISO | Ant1 | 5180 | 25.760 | 5167.480 | 5193.240 | --- | --- |
| 11AC20SISO | Ant1 | 5200 | 24.560 | 5187.600 | 5212.160 | --- | --- |
| 11AC20SISO | Ant1 | 5240 | 20.160 | 5229.920 | 5250.080 | --- | --- |
| 11AC20SISO | Ant1 | 5260 | 25.080 | 5247.360 | 5272.440 | --- | --- |
| 11AC20SISO | Ant1 | 5280 | 25.040 | 5267.560 | 5292.600 | --- | --- |
| 11AC20SISO | Ant1 | 5320 | 25.040 | 5308.040 | 5333.080 | --- | --- |
| 11AC20SISO | Ant1 | 5500 | 24.520 | 5487.880 | 5512.400 | --- | --- |
| 11AC20SISO | Ant1 | 5580 | 24.760 | 5567.760 | 5592.520 | --- | --- |
| 11AC20SISO | Ant1 | 5700 | 25.480 | 5687.320 | 5712.800 | --- | --- |
| 11AC20SISO | Ant1 | 5745 | 24.640 | 5732.560 | 5757.200 | --- | --- |
| 11AC20SISO | Ant1 | 5785 | 25.560 | 5772.360 | 5797.920 | --- | --- |
| 11AC20SISO | Ant1 | 5825 | 25.200 | 5812.560 | 5837.760 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 39.360 | 5170.320 | 5209.680 | --- | --- |
| 11AC40SISO | Ant1 | 5230 | 40.240 | 5210.080 | 5250.320 | --- | --- |
| 11AC40SISO | Ant1 | 5270 | 39.520 | 5250.240 | 5289.760 | --- | --- |
| 11AC40SISO | Ant1 | 5310 | 39.840 | 5290.080 | 5329.920 | --- | --- |
| 11AC40SISO | Ant1 | 5510 | 40.000 | 5490.000 | 5530.000 | --- | --- |
| 11AC40SISO | Ant1 | 5550 | 40.000 | 5530.000 | 5570.000 | --- | --- |
| 11AC40SISO | Ant1 | 5670 | 39.520 | 5650.240 | 5689.760 | --- | --- |
| 11AC40SISO | Ant1 | 5755 | 39.680 | 5735.080 | 5774.760 | --- | --- |
| 11AC40SISO | Ant1 | 5795 | 40.160 | 5774.840 | 5815.000 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 80.000 | 5170.160 | 5250.160 | --- | --- |
| 11AC80SISO | Ant1 | 5290 | 80.160 | 5250.000 | 5330.160 | --- | --- |
| 11AC80SISO | Ant1 | 5530 | 79.680 | 5490.320 | 5570.000 | --- | --- |
| 11AC80SISO | Ant1 | 5610 | 79.680 | 5570.320 | 5650.000 | --- | --- |
| 11AC80SISO | Ant1 | 5775 | 79.520 | 5735.320 | 5814.840 | --- | --- |
| 11AX20SISO | Ant1 | 5180 | 24.560 | 5166.880 | 5191.440 | --- | --- |
| 11AX20SISO | Ant1 | 5200 | 21.120 | 5189.480 | 5210.600 | --- | --- |
| 11AX20SISO | Ant1 | 5240 | 20.040 | 5229.960 | 5250.000 | --- | --- |
| 11AX20SISO | Ant1 | 5260 | 22.800 | 5248.120 | 5270.920 | --- | --- |
| 11AX20SISO | Ant1 | 5280 | 22.320 | 5268.440 | 5290.760 | --- | --- |
| 11AX20SISO | Ant1 | 5320 | 22.120 | 5308.960 | 5331.080 | --- | --- |
| 11AX20SISO | Ant1 | 5500 | 21.680 | 5489.120 | 5510.800 | --- | --- |
| 11AX20SISO | Ant1 | 5580 | 21.800 | 5569.360 | 5591.160 | --- | --- |
| 11AX20SISO | Ant1 | 5700 | 22.080 | 5689.120 | 5711.200 | --- | --- |
| 11AX20SISO | Ant1 | 5745 | 22.080 | 5733.760 | 5755.840 | --- | --- |
| 11AX20SISO | Ant1 | 5785 | 21.520 | 5774.160 | 5795.680 | --- | --- |
| 11AX20SISO | Ant1 | 5825 | 22.320 | 5813.720 | 5836.040 | --- | --- |



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|------------|------|------|--------|----------|----------|-----|-----|
| 11AX40SISO | Ant1 | 5190 | 39.520 | 5170.320 | 5209.840 | --- | --- |
| 11AX40SISO | Ant1 | 5230 | 39.520 | 5210.240 | 5249.760 | --- | --- |
| 11AX40SISO | Ant1 | 5270 | 39.360 | 5250.400 | 5289.760 | --- | --- |
| 11AX40SISO | Ant1 | 5310 | 39.280 | 5290.400 | 5329.680 | --- | --- |
| 11AX40SISO | Ant1 | 5510 | 39.520 | 5490.320 | 5529.840 | --- | --- |
| 11AX40SISO | Ant1 | 5550 | 39.520 | 5530.320 | 5569.840 | --- | --- |
| 11AX40SISO | Ant1 | 5670 | 39.600 | 5650.240 | 5689.840 | --- | --- |
| 11AX40SISO | Ant1 | 5755 | 39.440 | 5735.320 | 5774.760 | --- | --- |
| 11AX40SISO | Ant1 | 5795 | 39.440 | 5775.320 | 5814.760 | --- | --- |
| 11AX80SISO | Ant1 | 5210 | 80.160 | 5170.160 | 5250.320 | --- | --- |
| 11AX80SISO | Ant1 | 5290 | 80.320 | 5250.000 | 5330.320 | --- | --- |
| 11AX80SISO | Ant1 | 5530 | 80.160 | 5490.000 | 5570.160 | --- | --- |
| 11AX80SISO | Ant1 | 5610 | 80.160 | 5570.000 | 5650.160 | --- | --- |
| 11AX80SISO | Ant1 | 5775 | 80.160 | 5735.000 | 5815.160 | --- | --- |



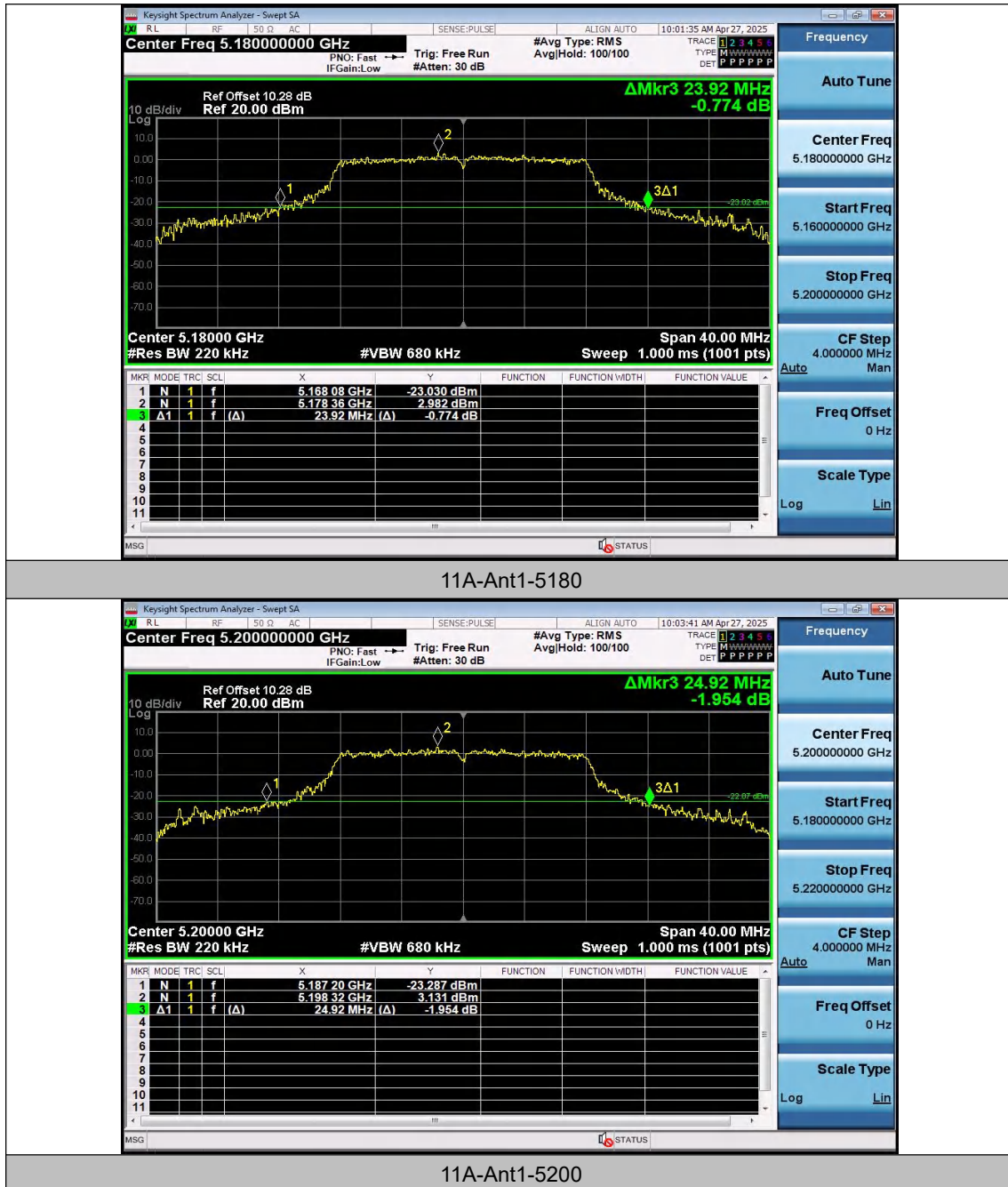
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## Test Graphs





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11A-Ant1-5240



11A-Ant1-5260

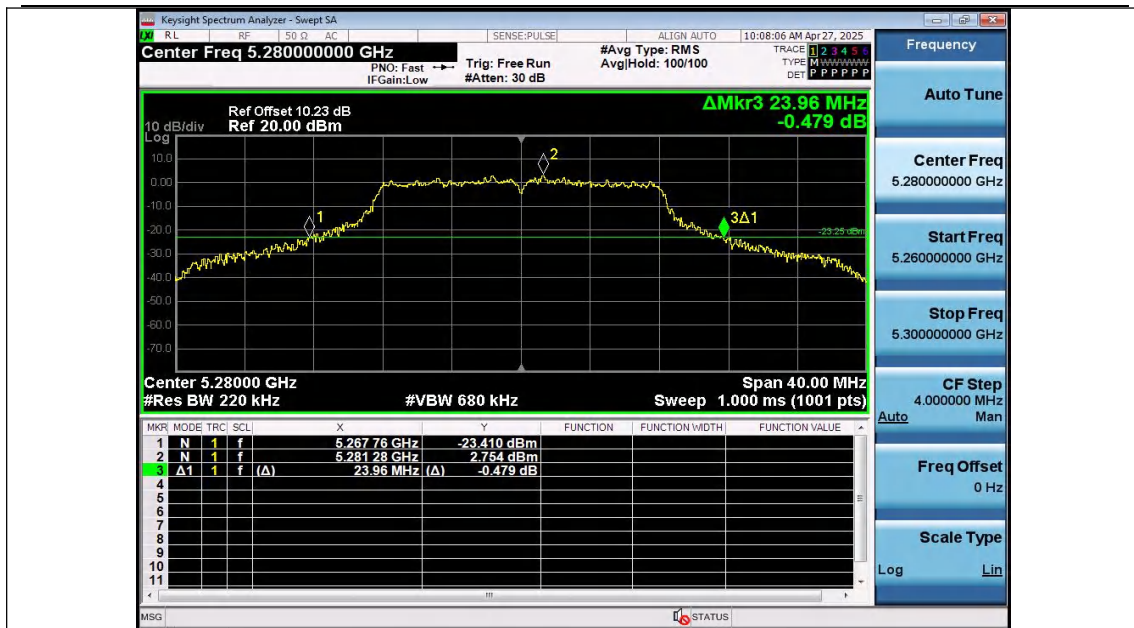


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11A-Ant1-5280



11A-Ant1-5320

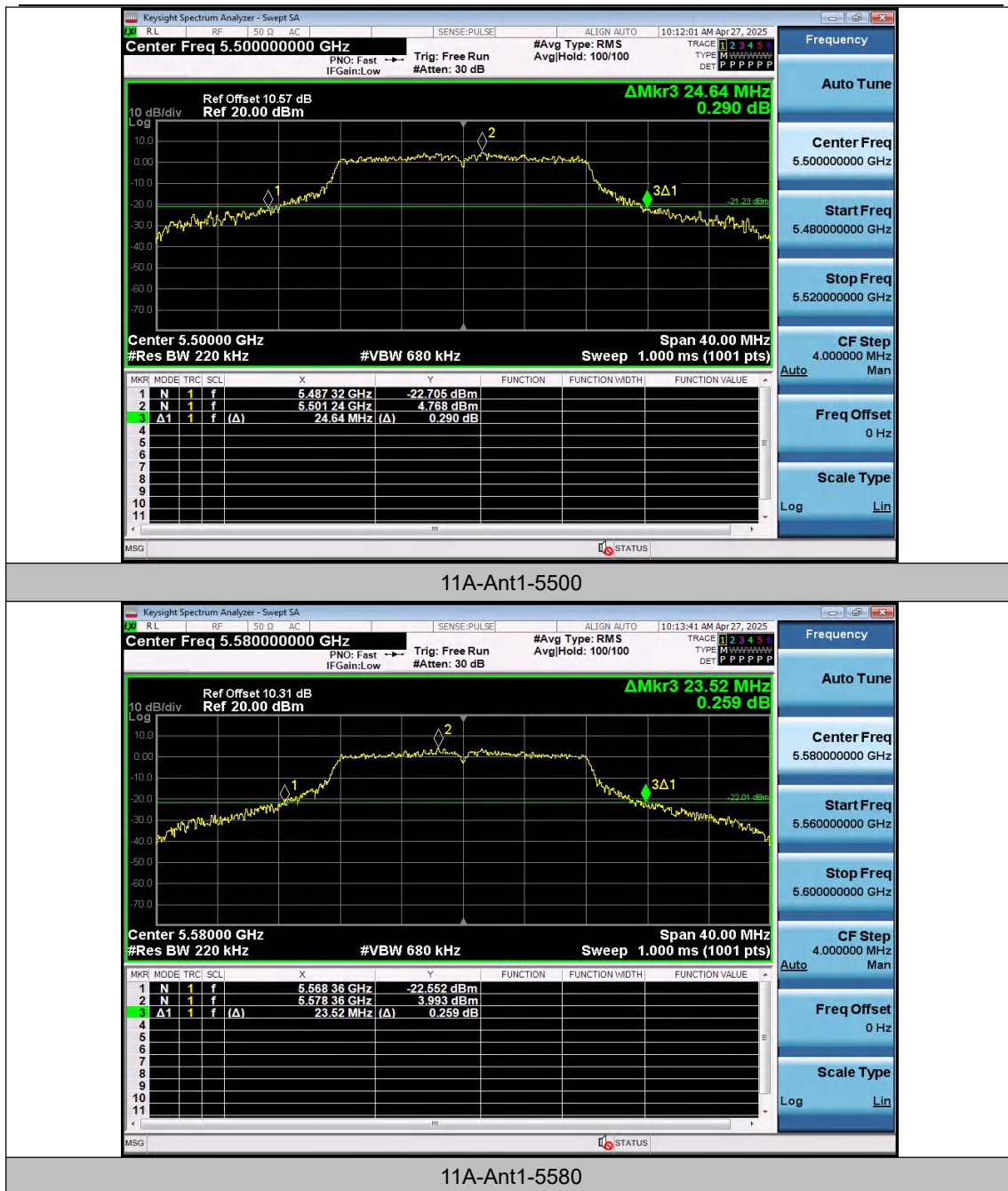


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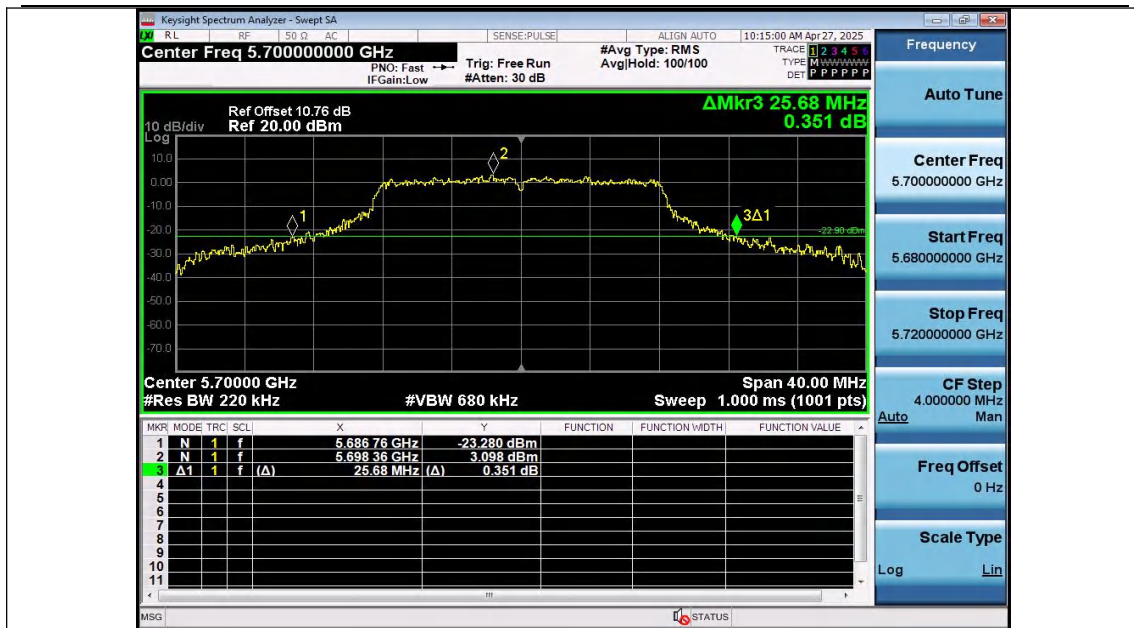


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11A-Ant1-5700



11A-Ant1-5745



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11A-Ant1-5785



11A-Ant1-5825

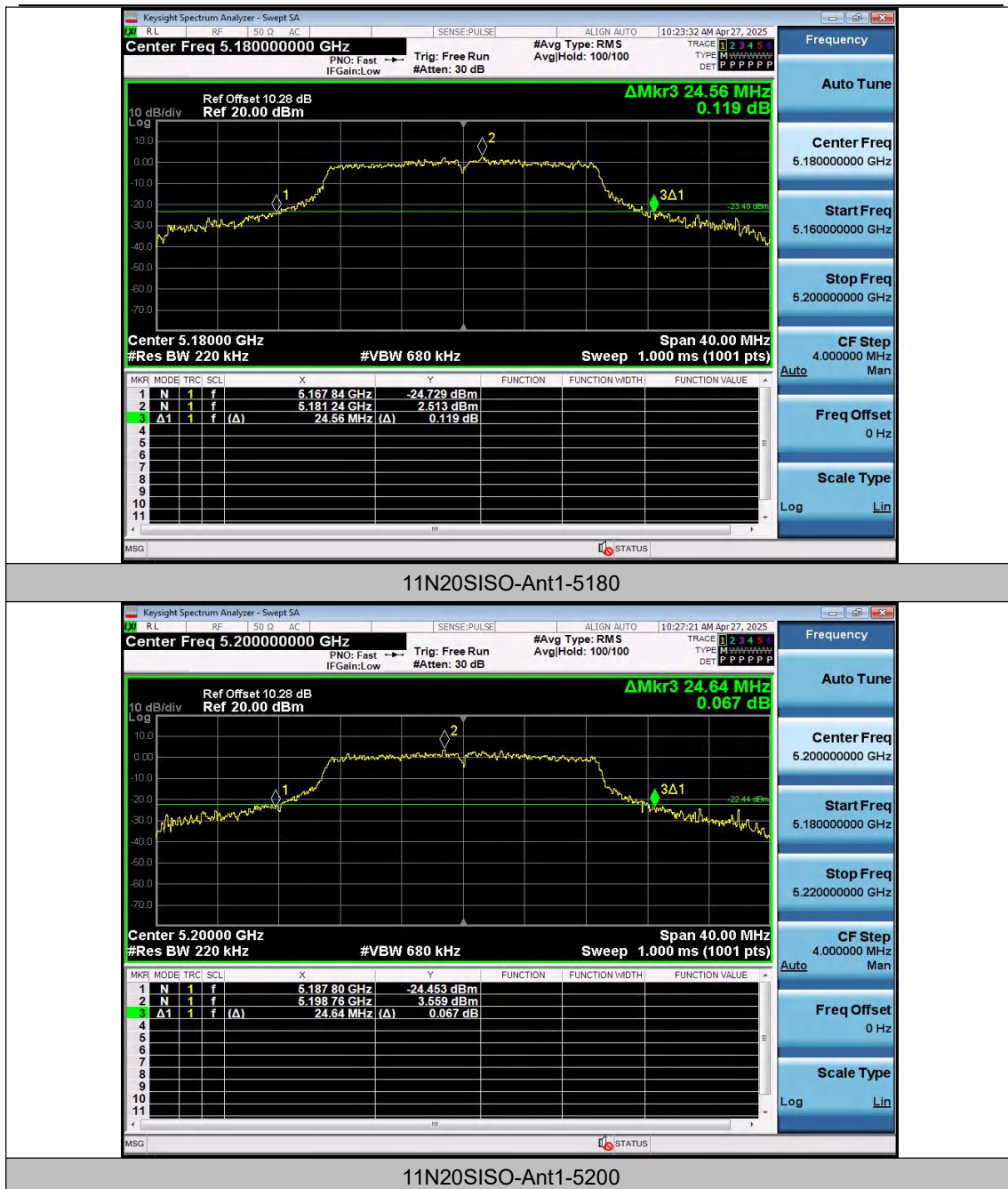


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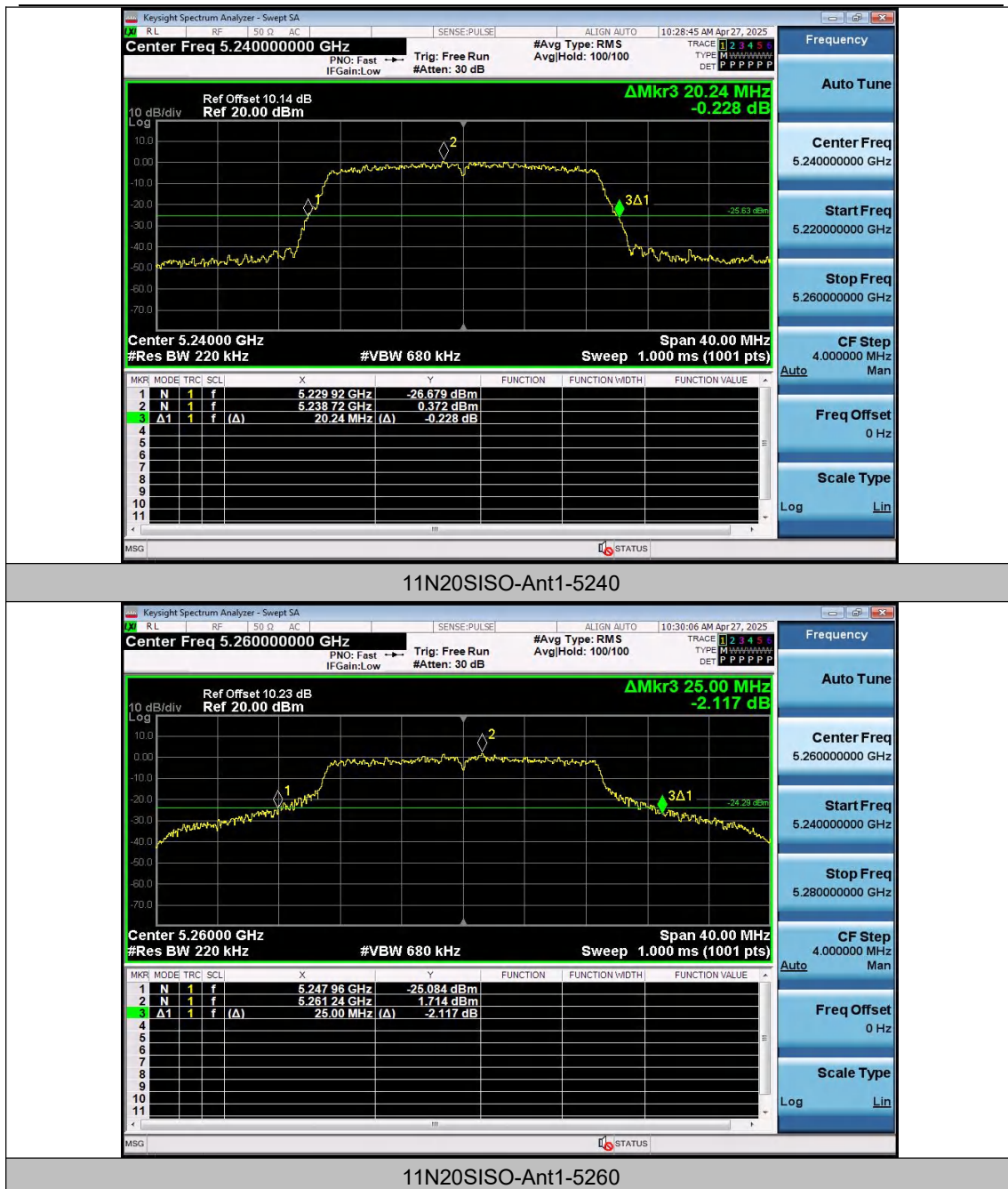


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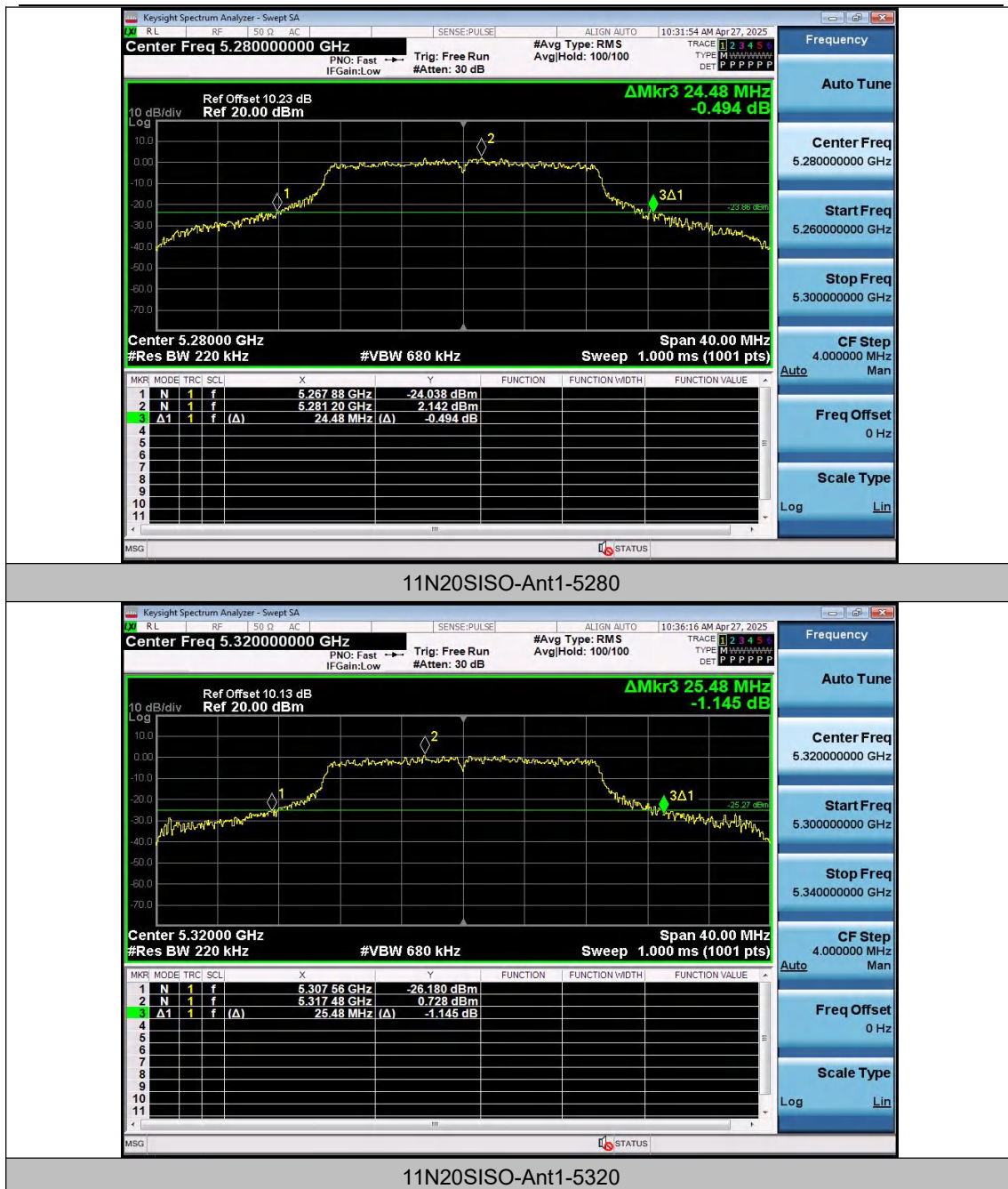


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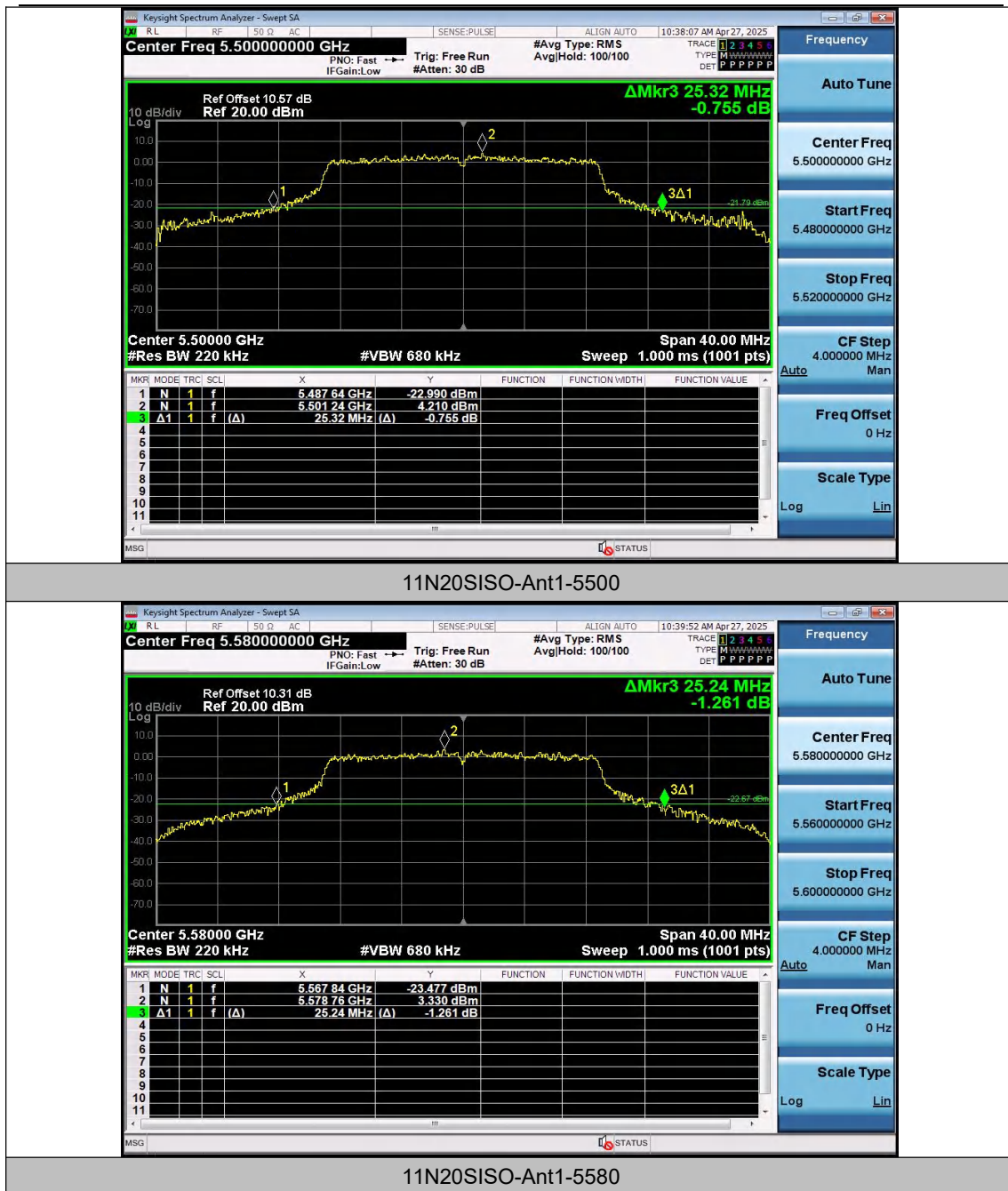


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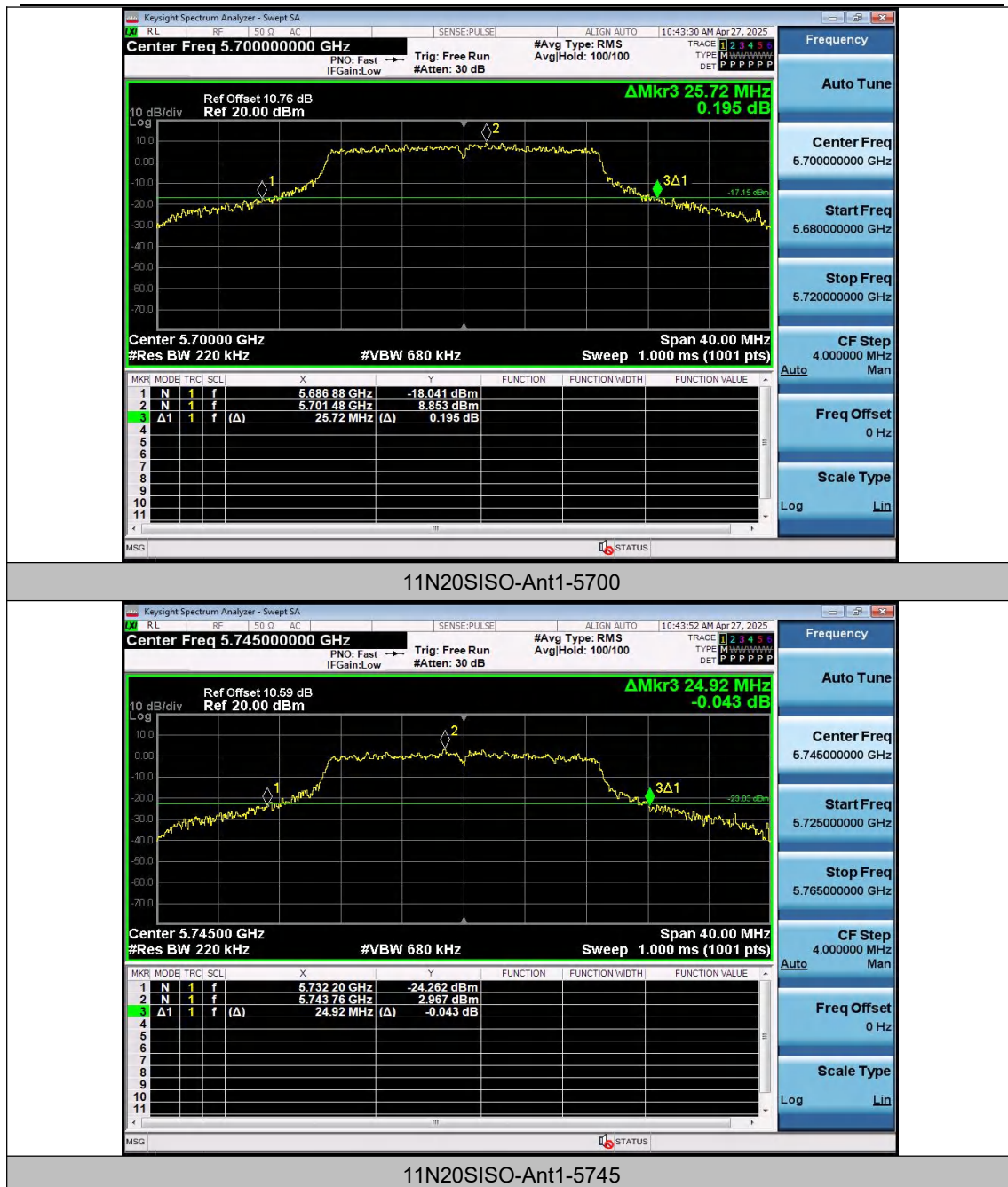


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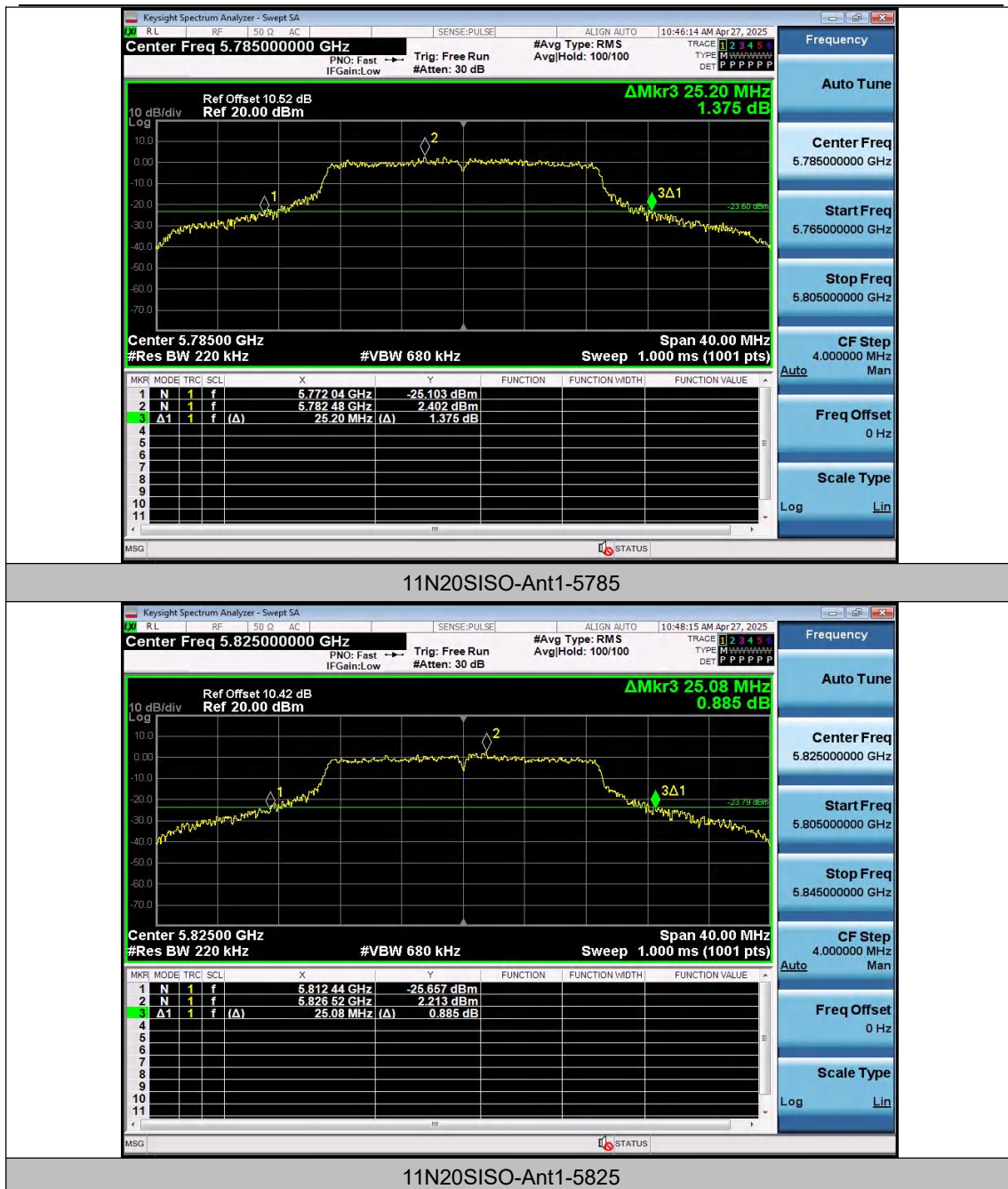


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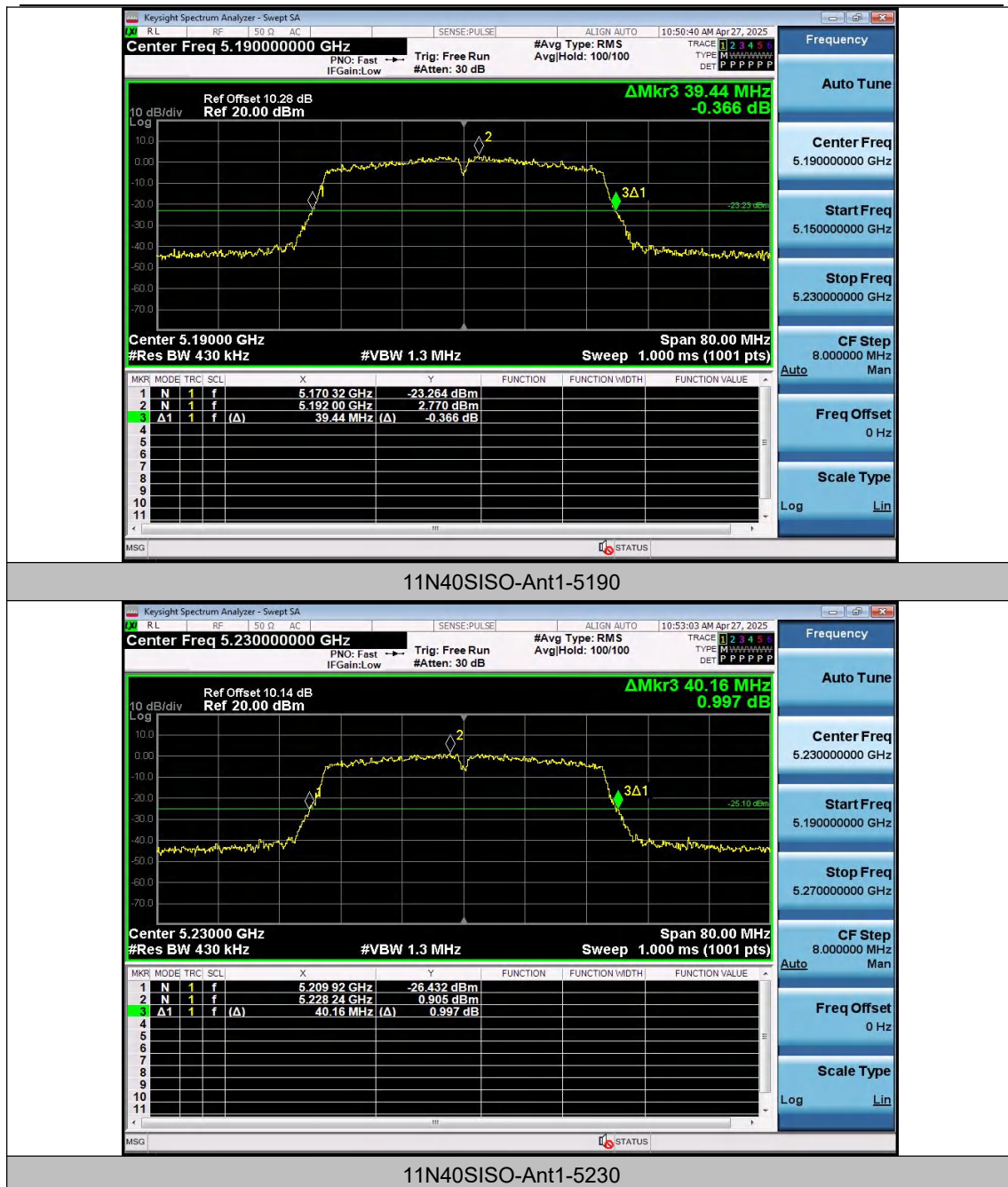


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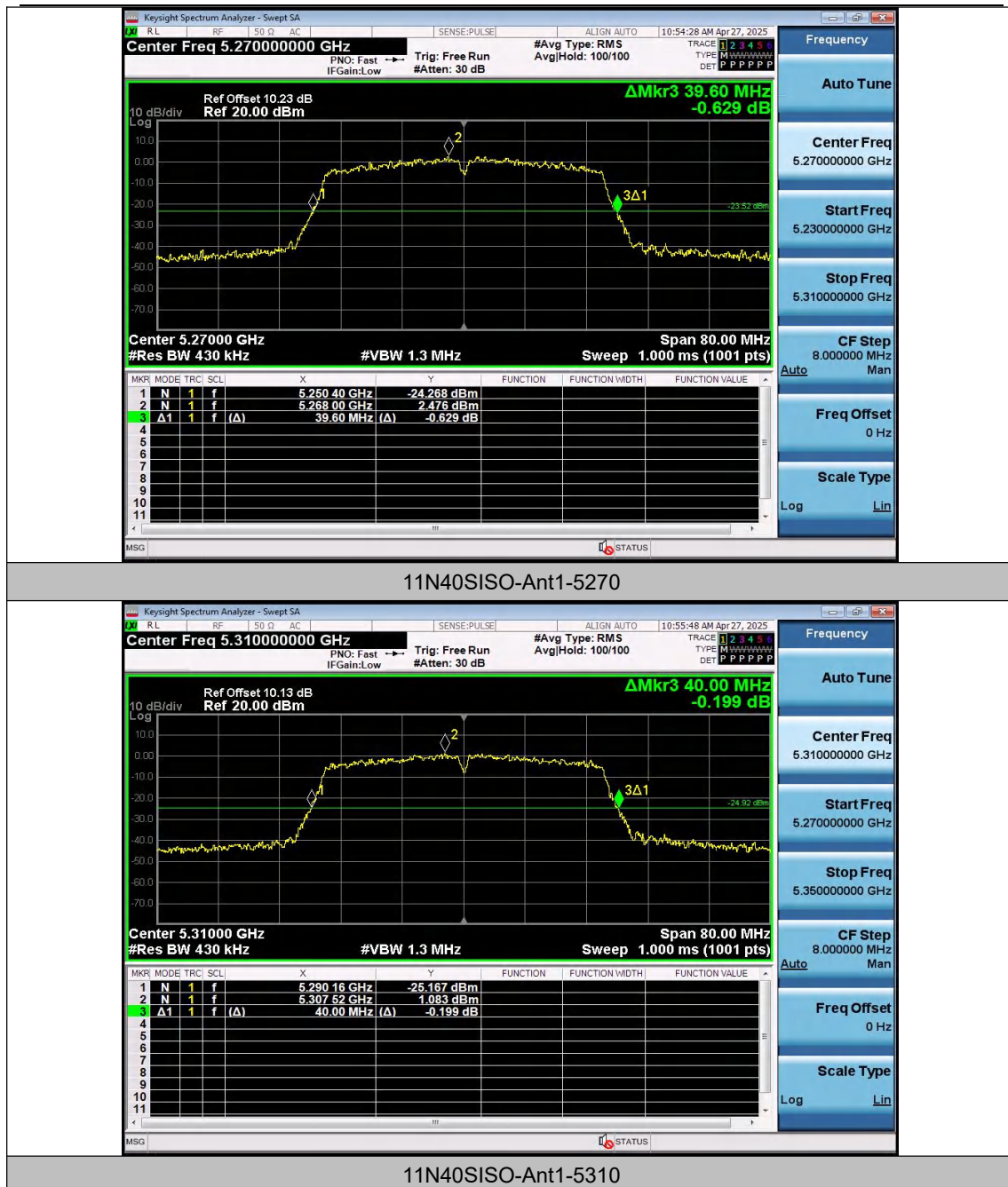


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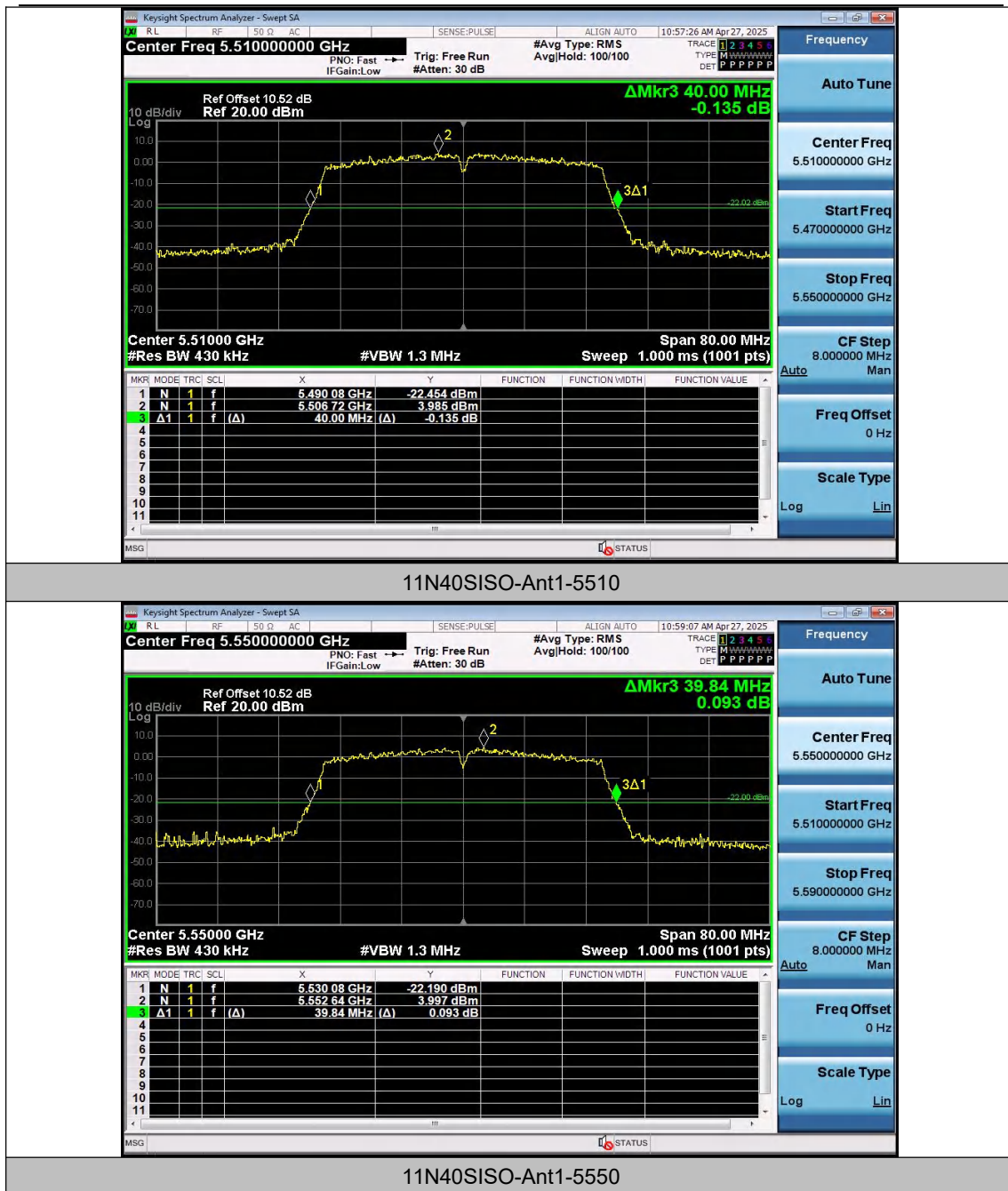


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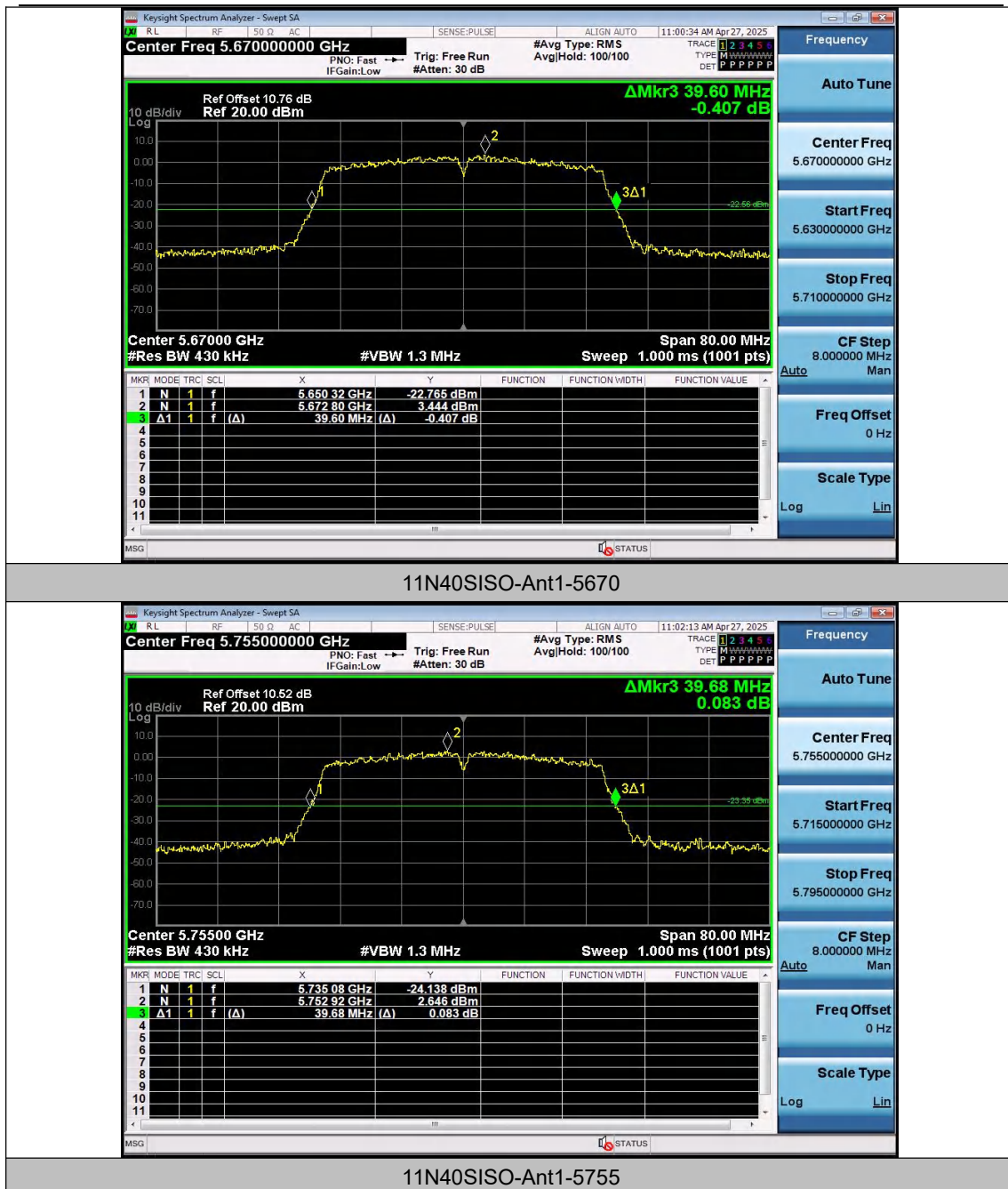


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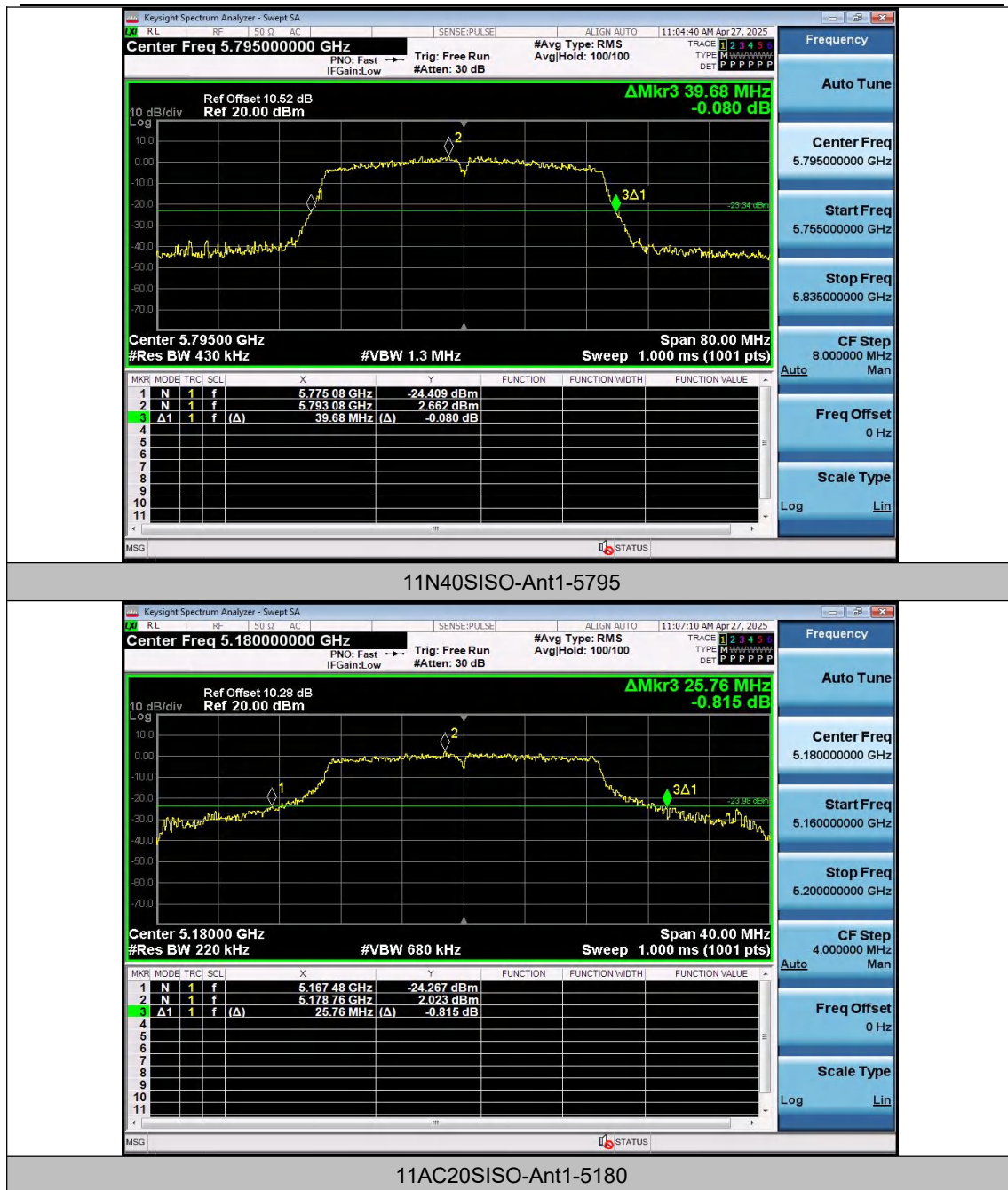


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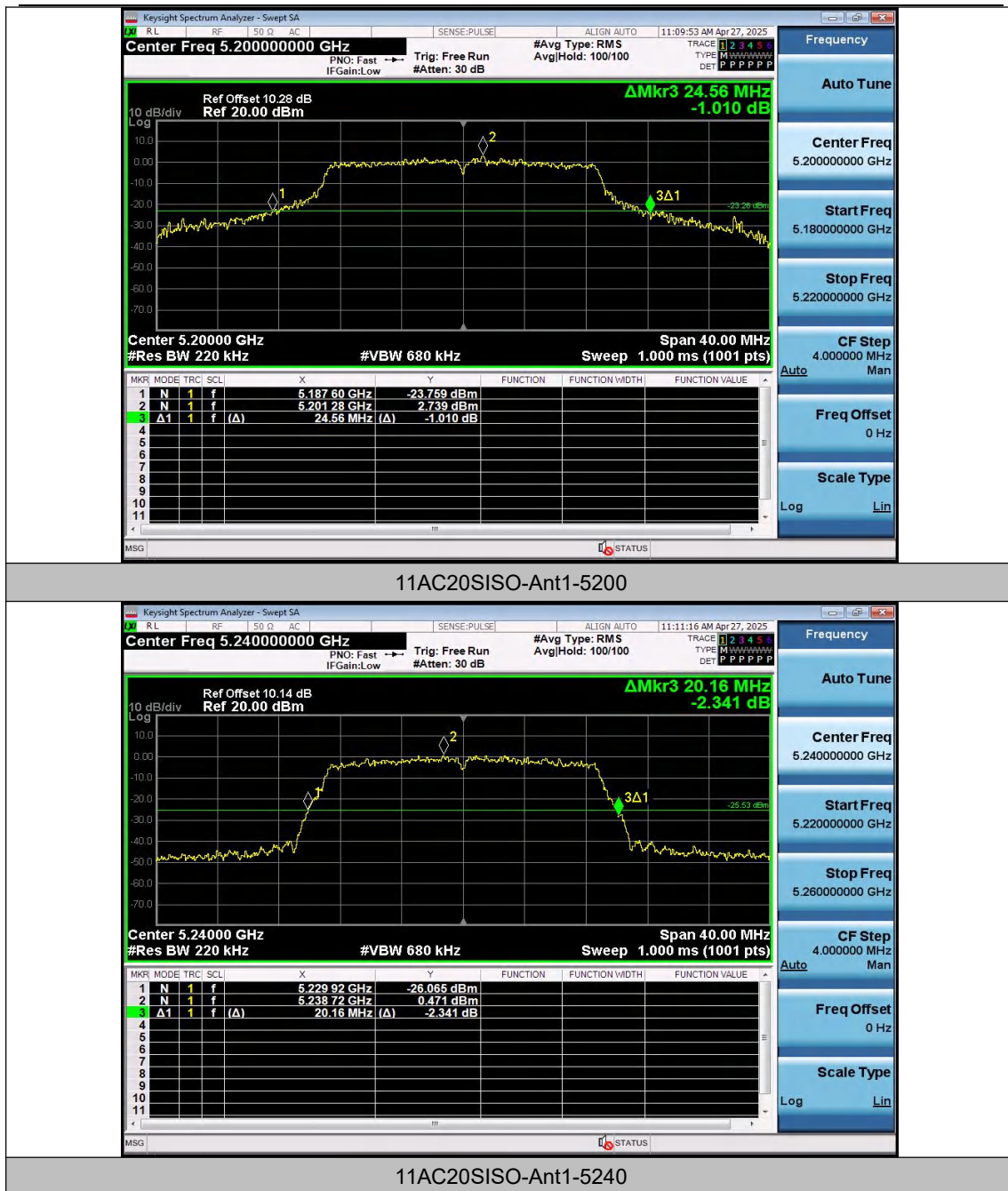


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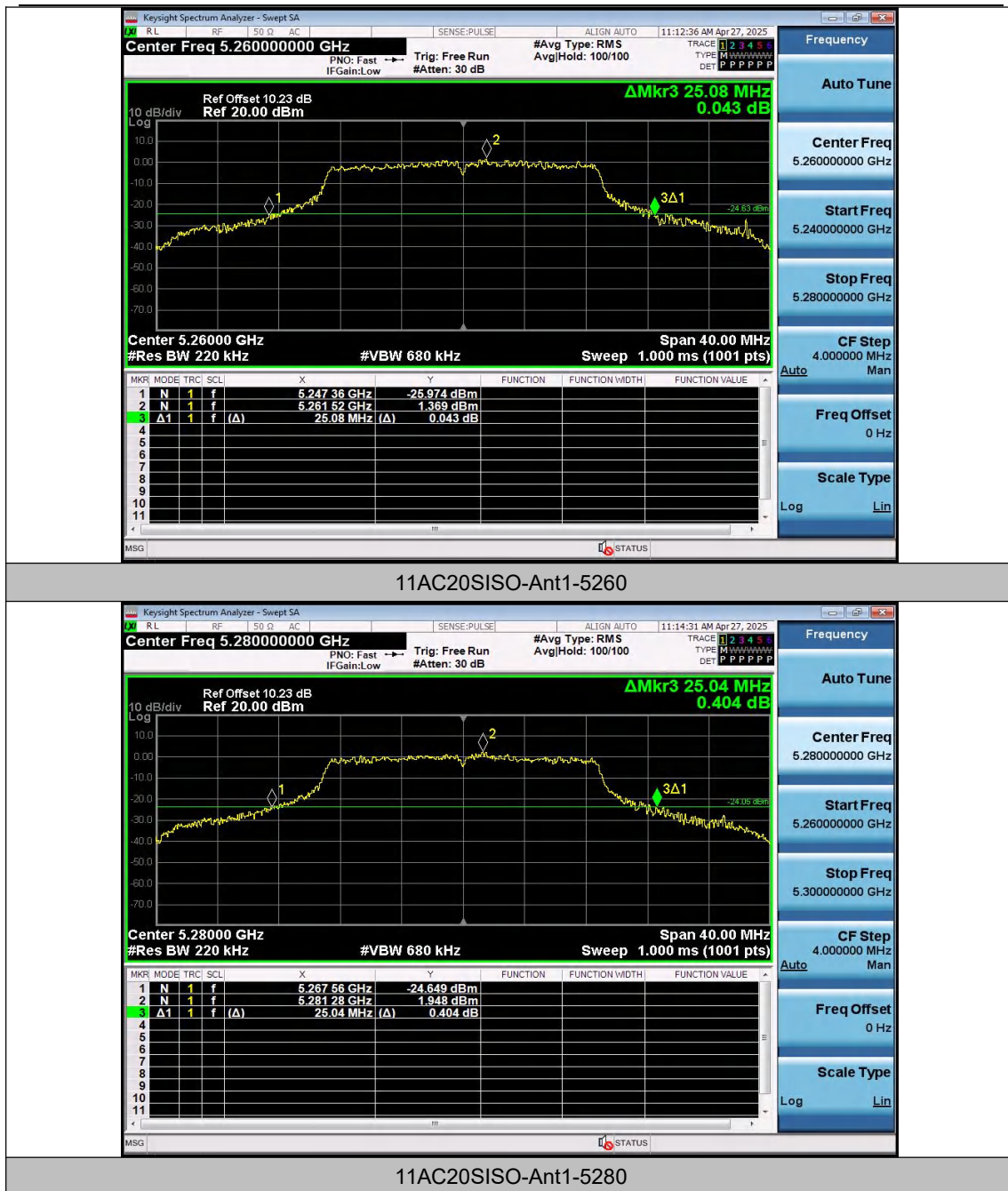


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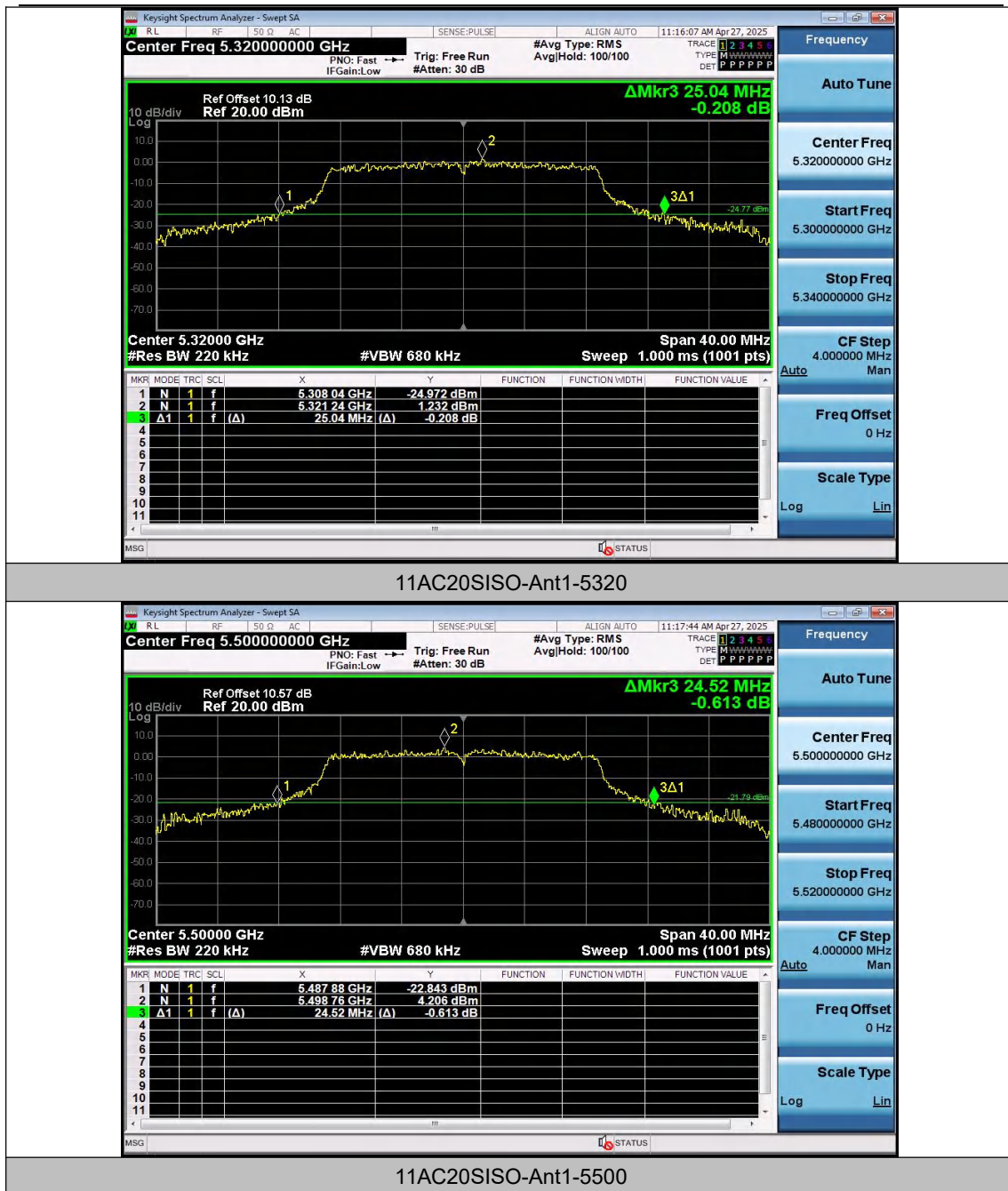


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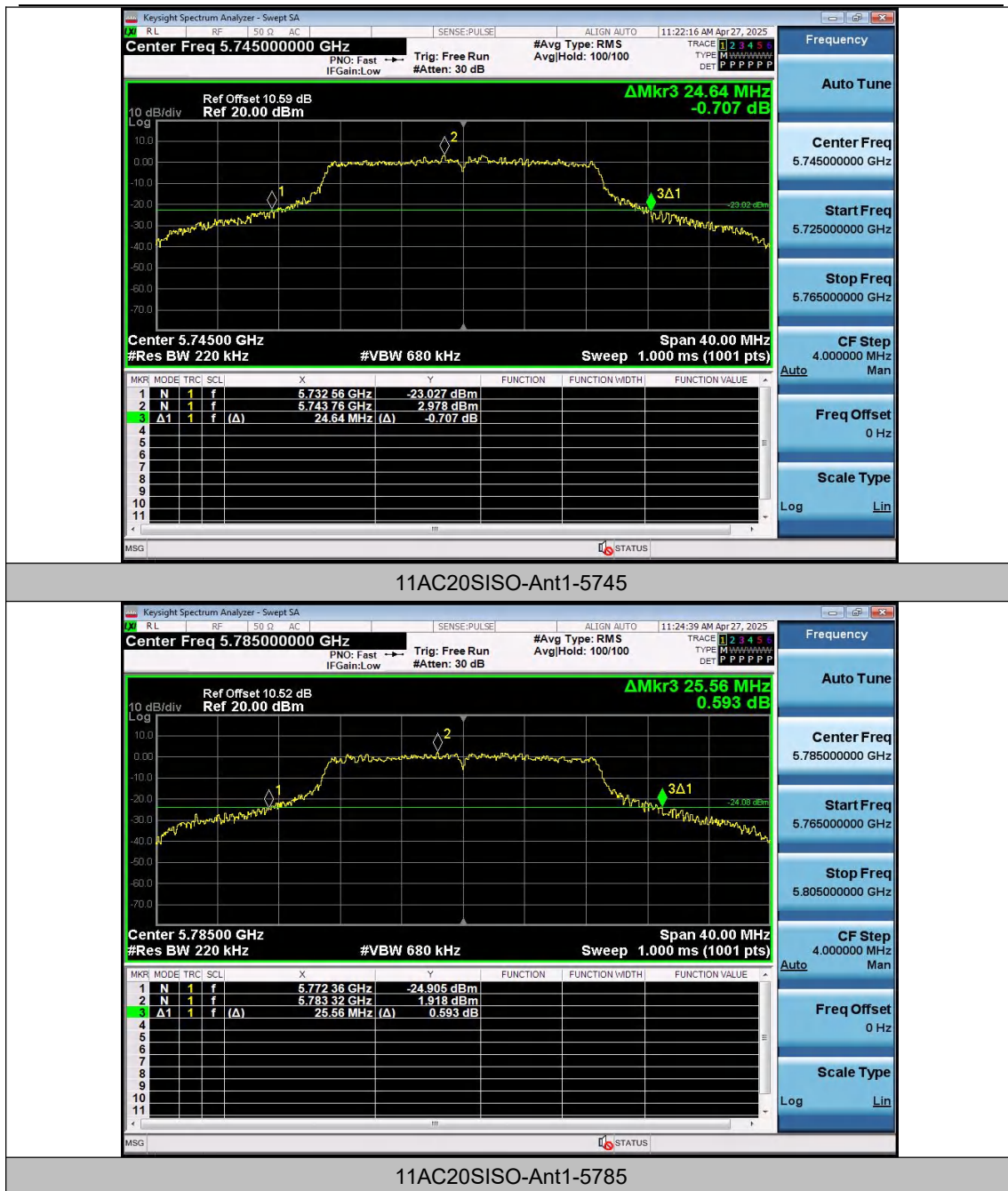


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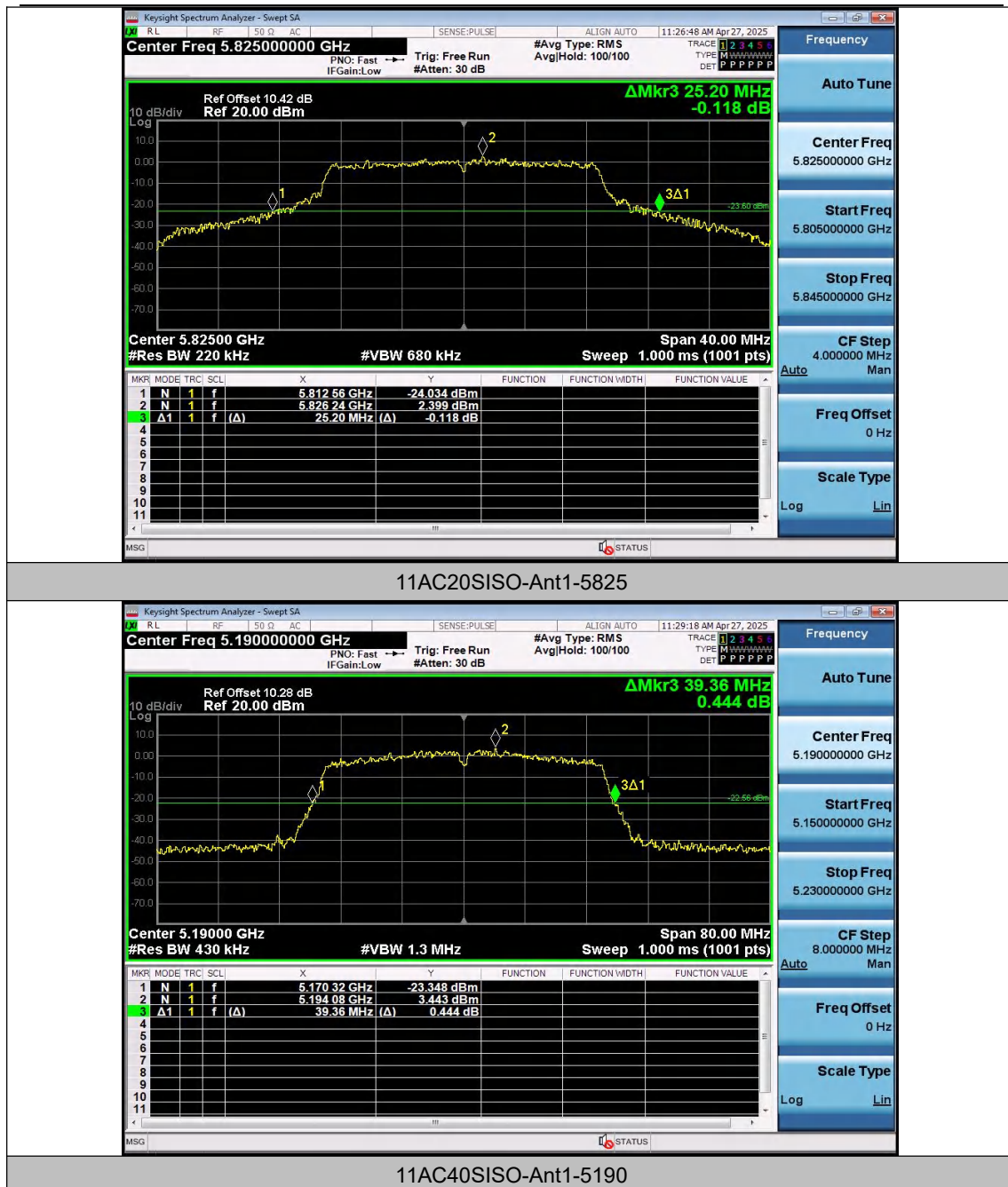


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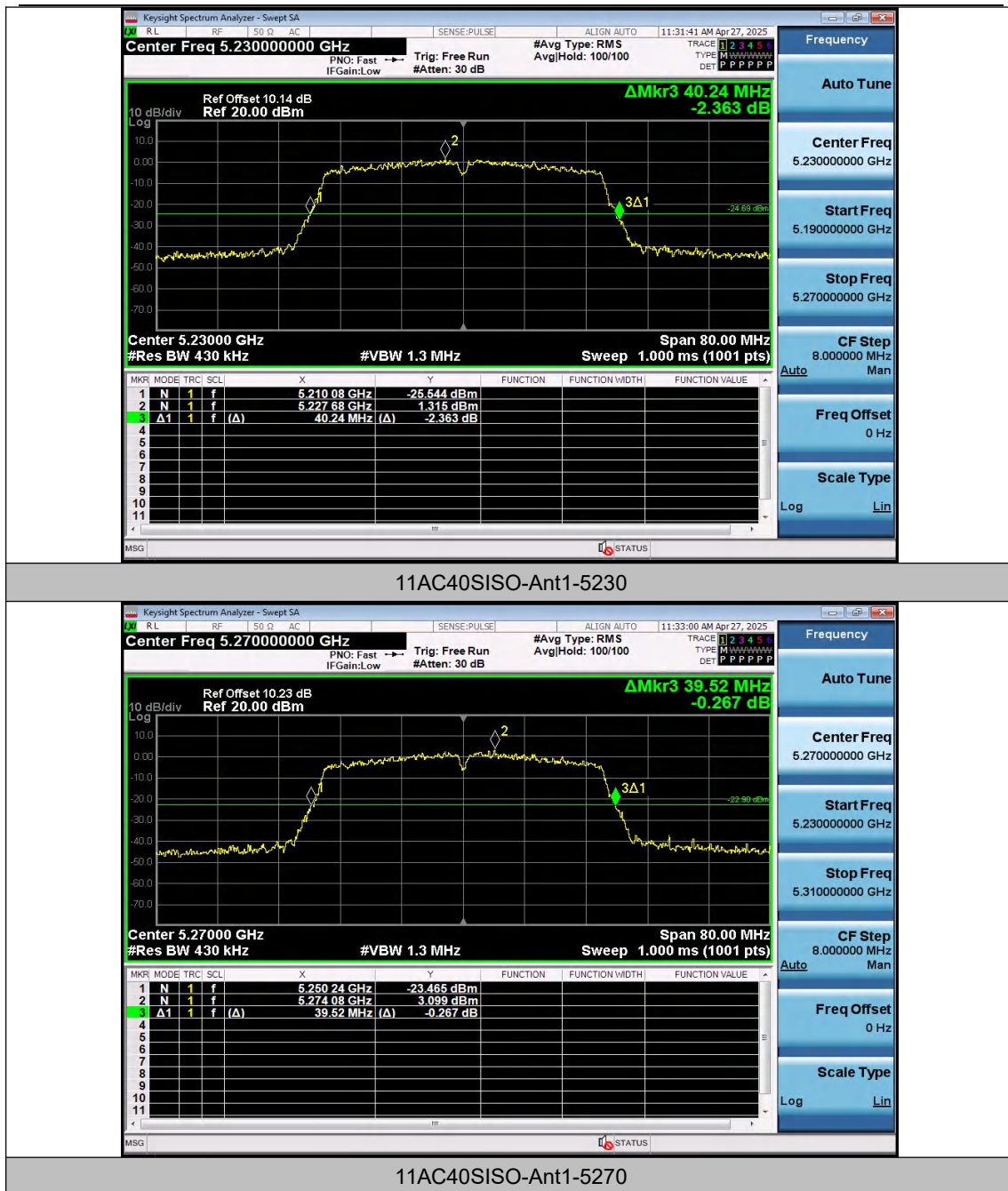


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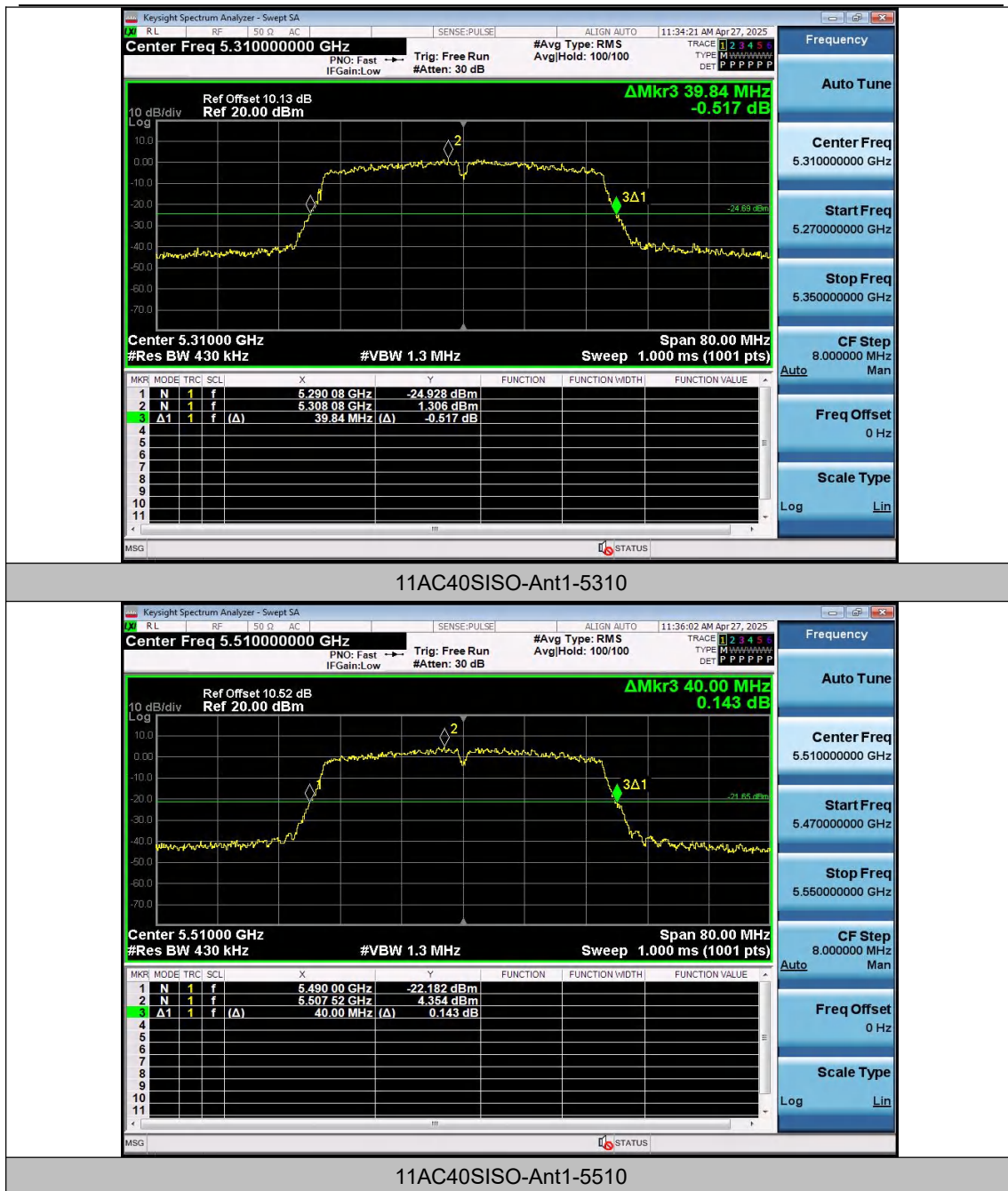


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11AC40SISO-Ant1-5550



11AC40SISO-Ant1-5670



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