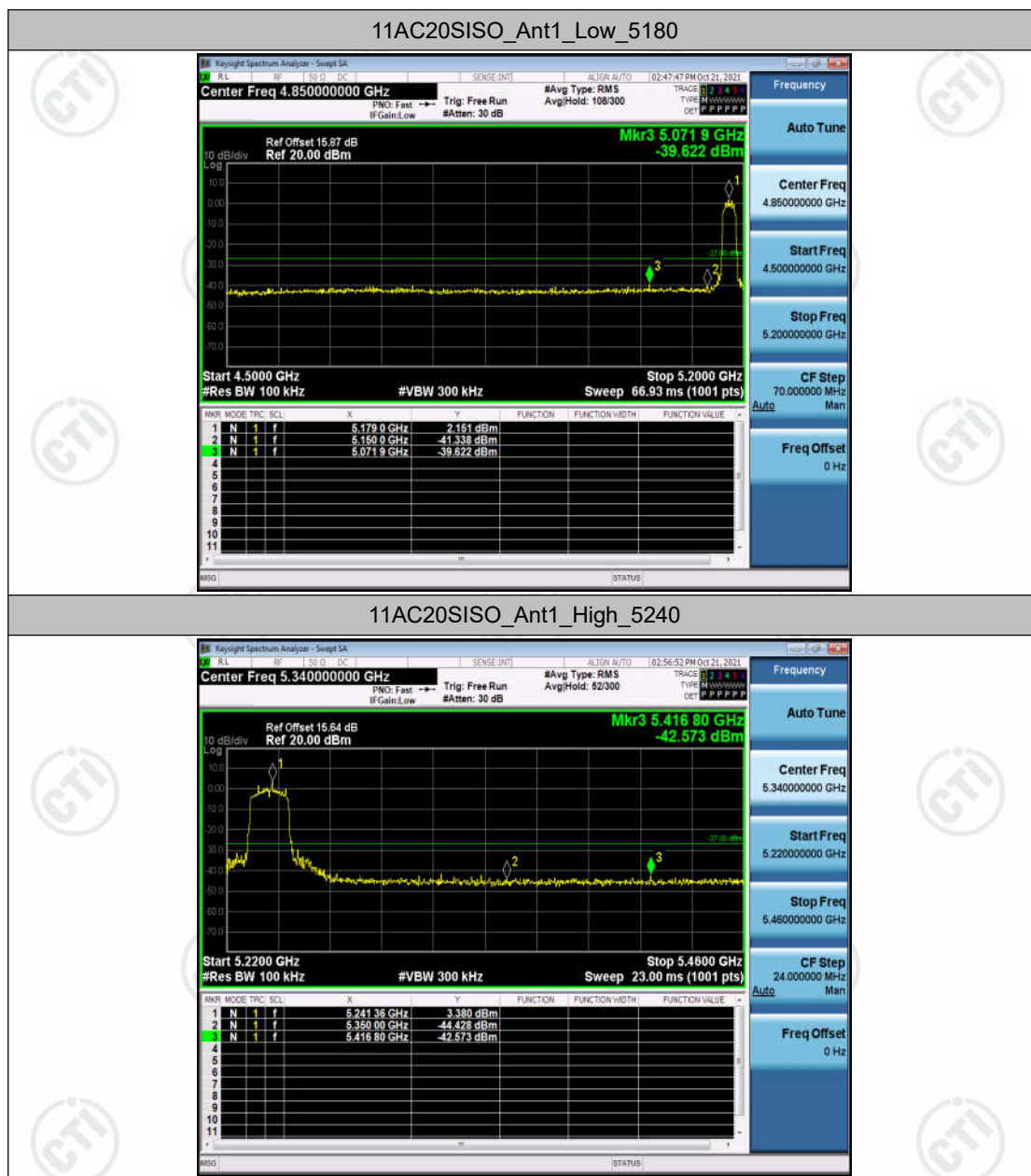
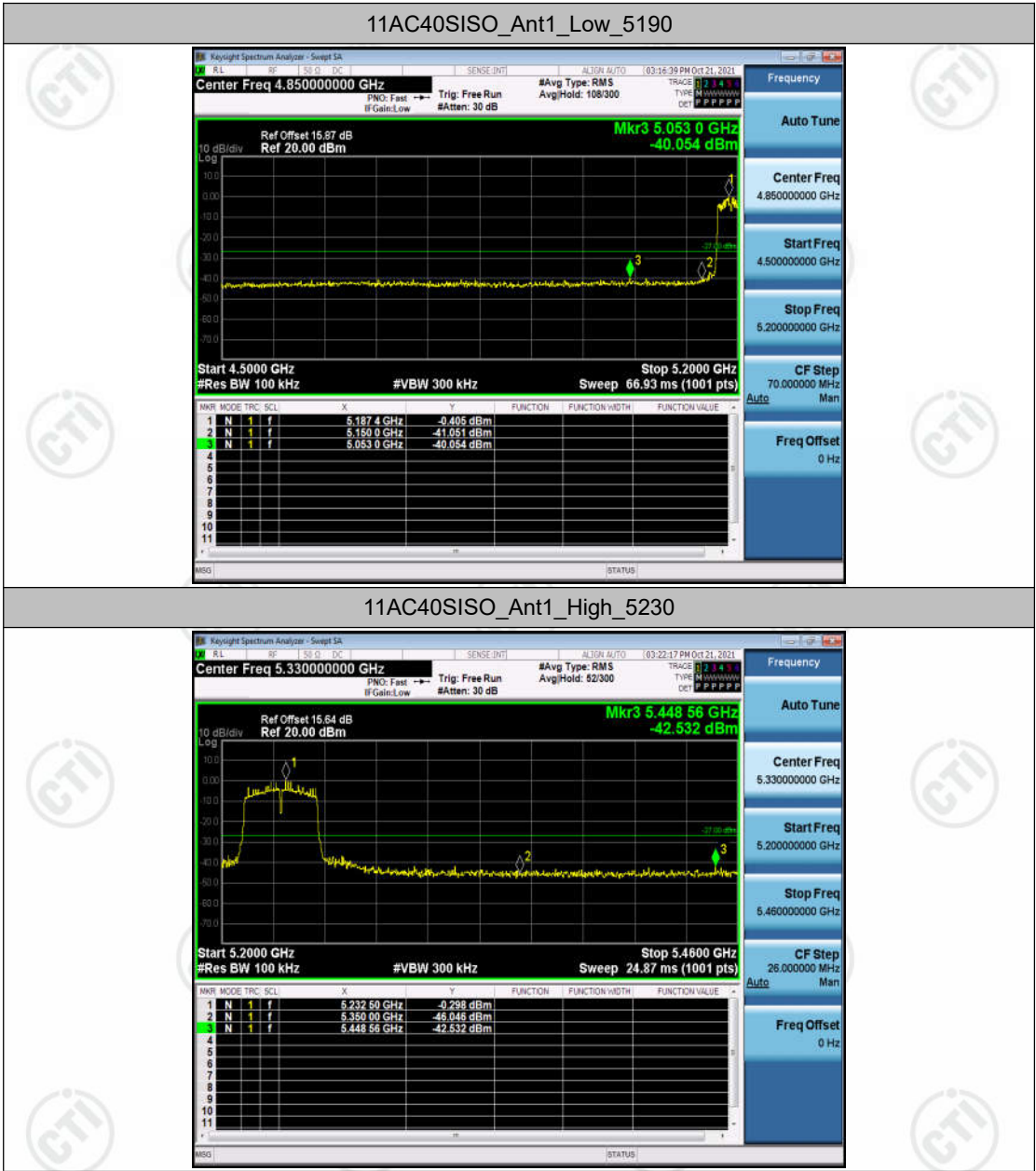
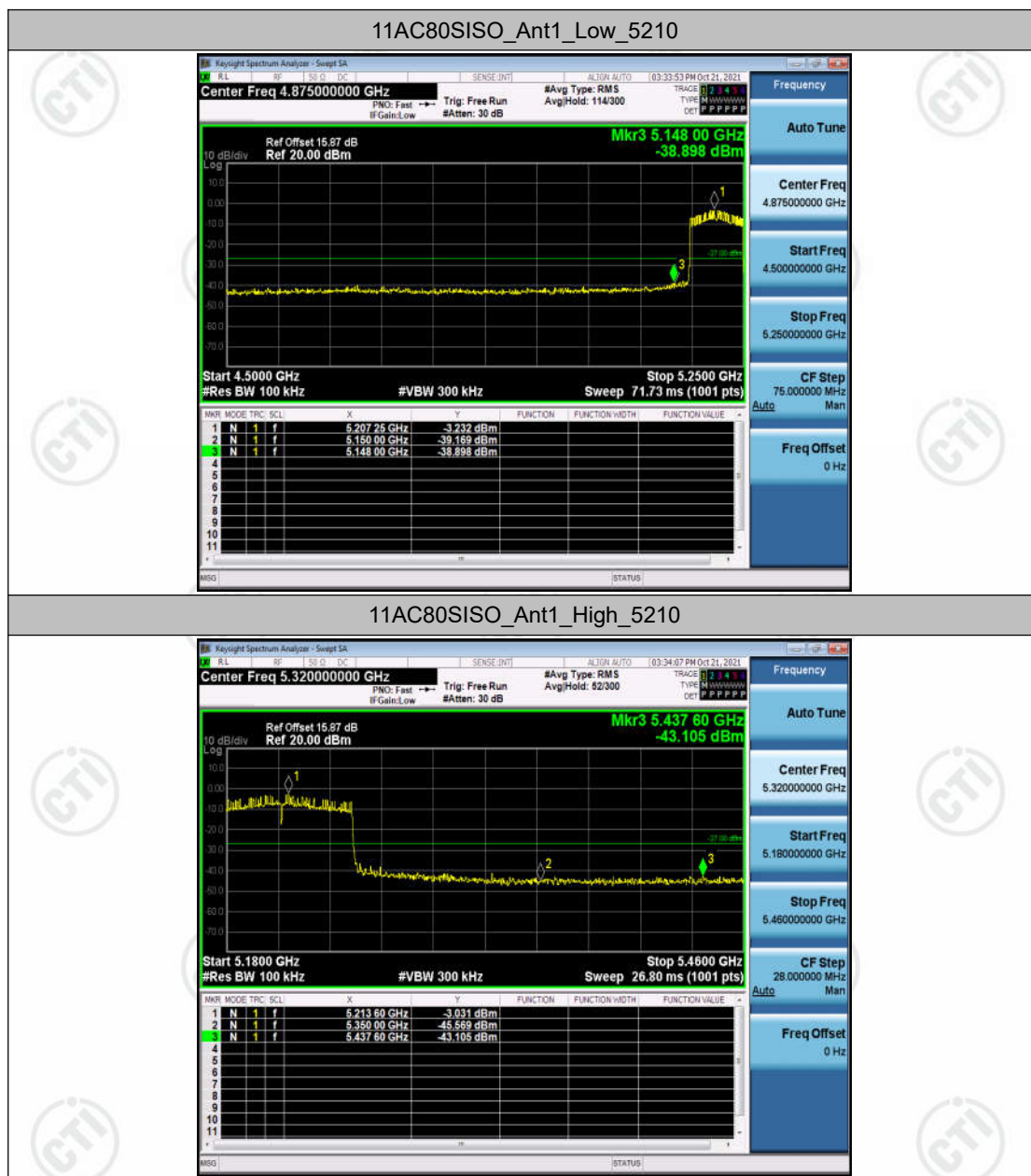
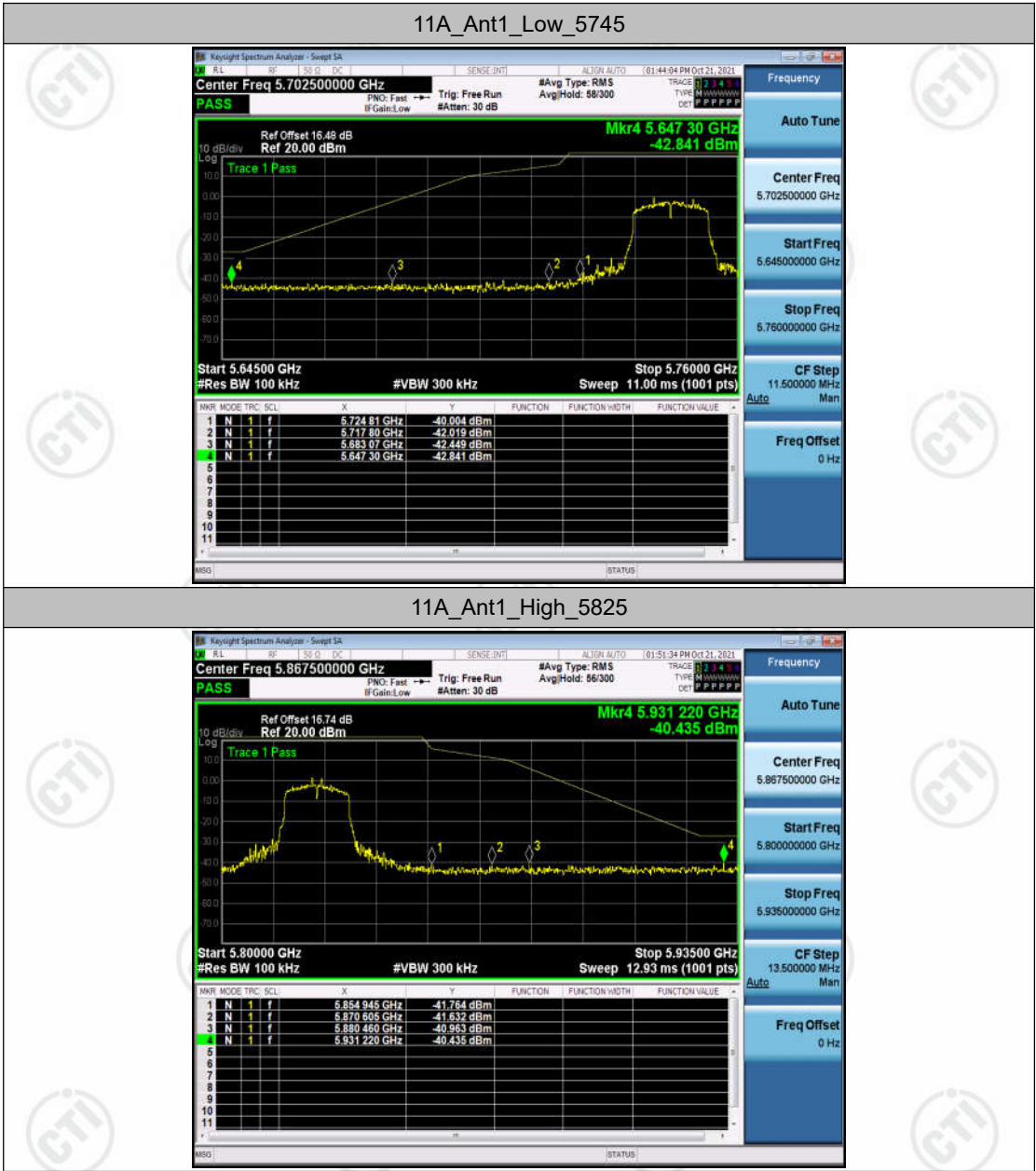
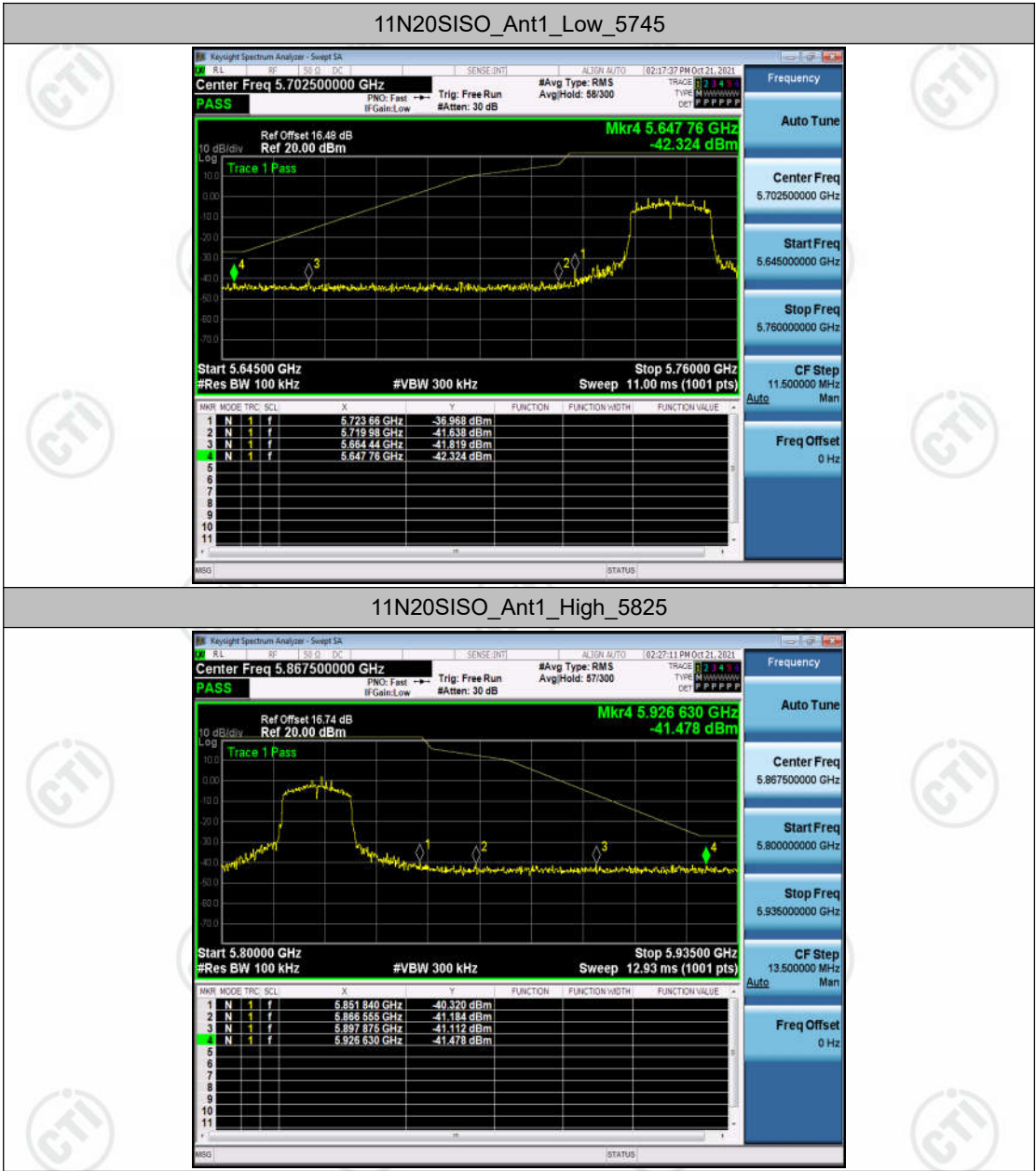


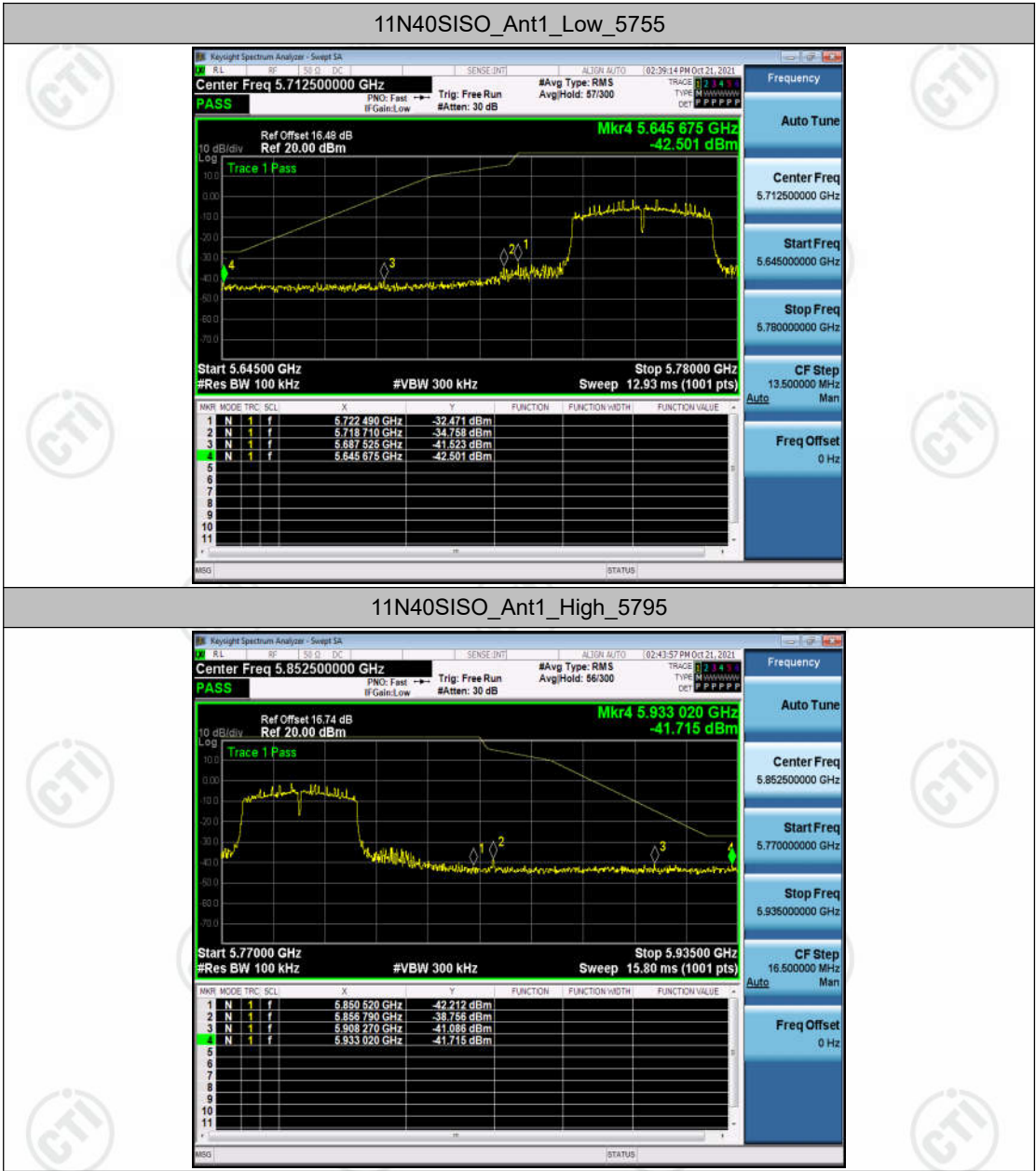


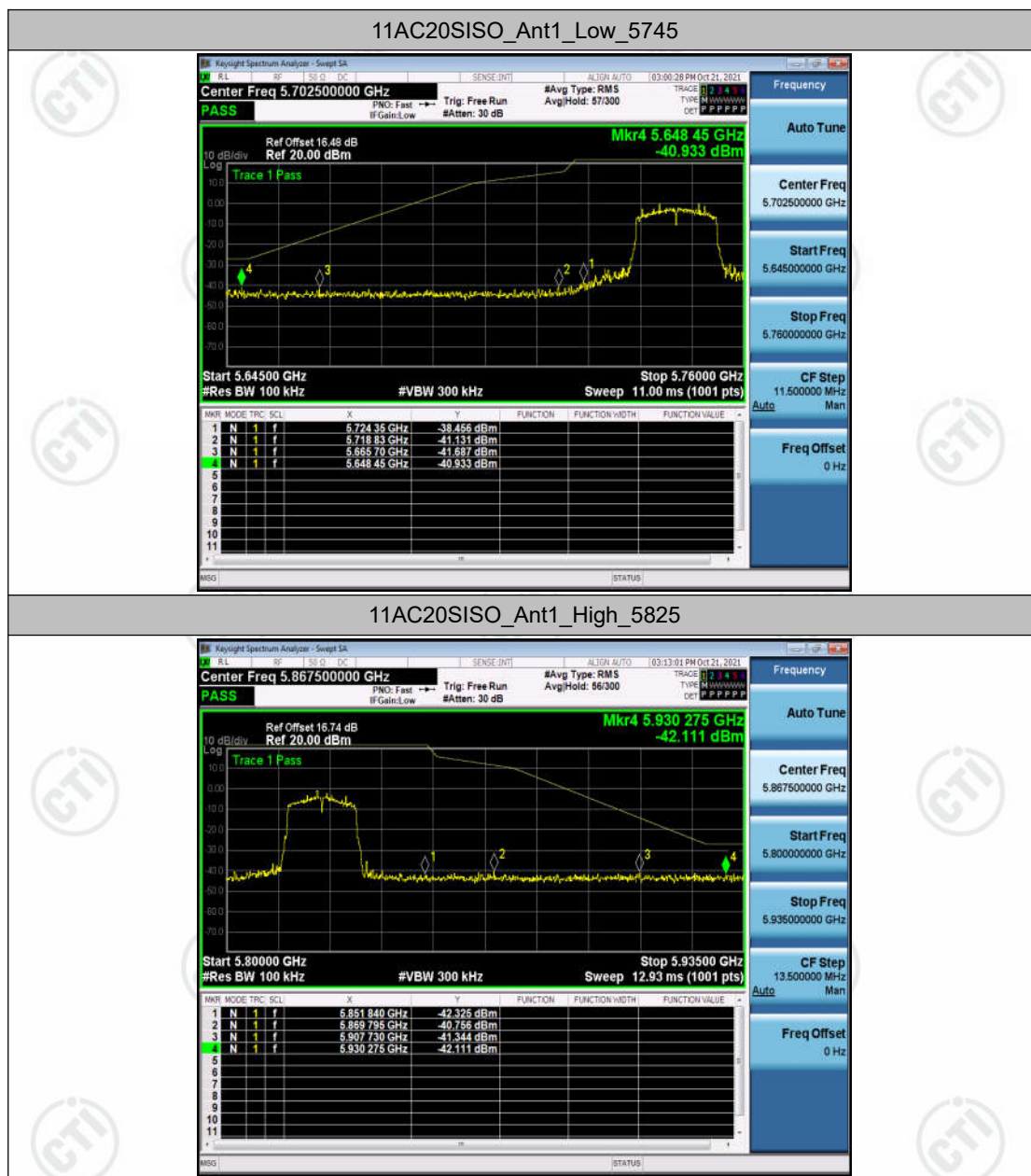


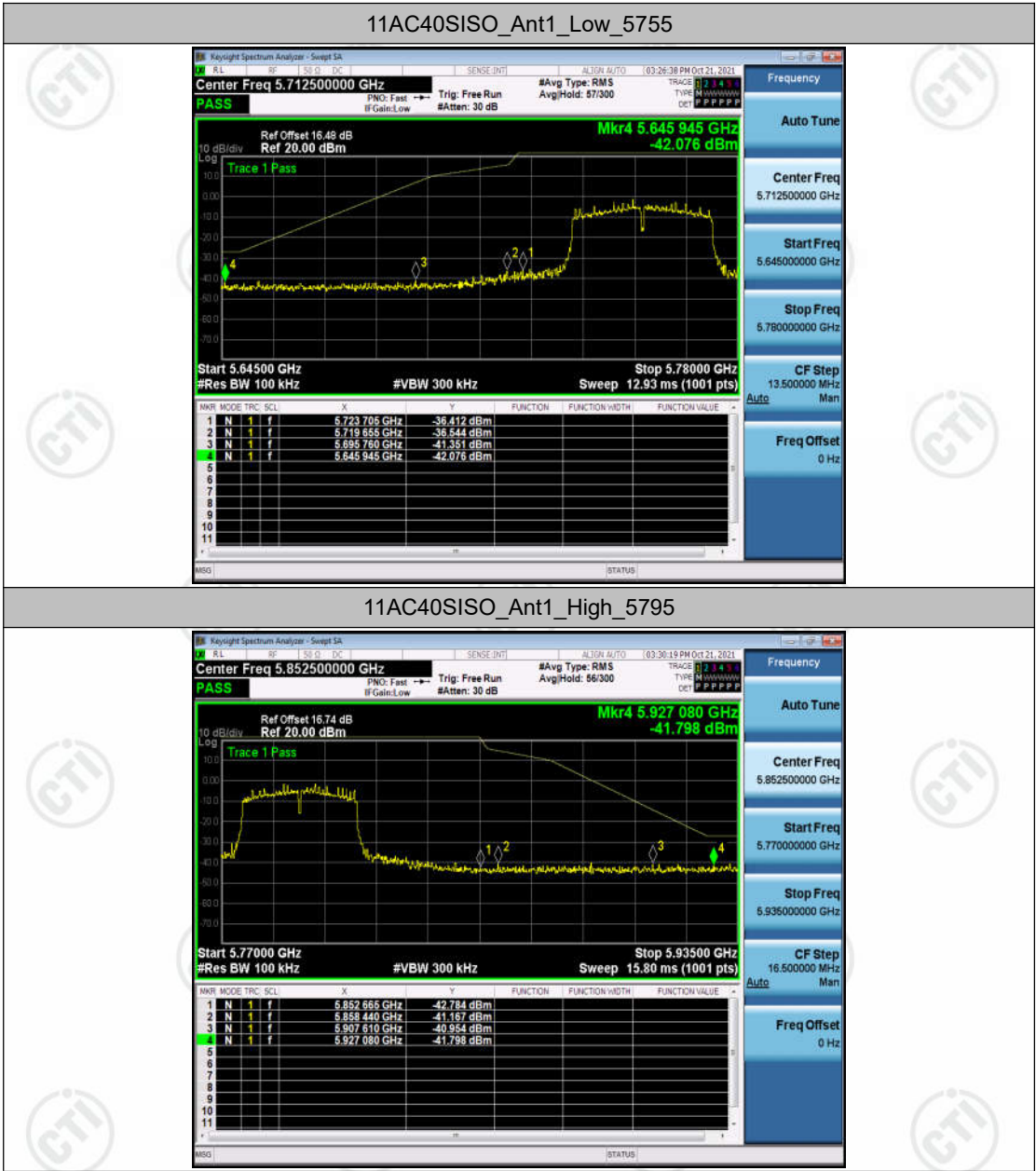


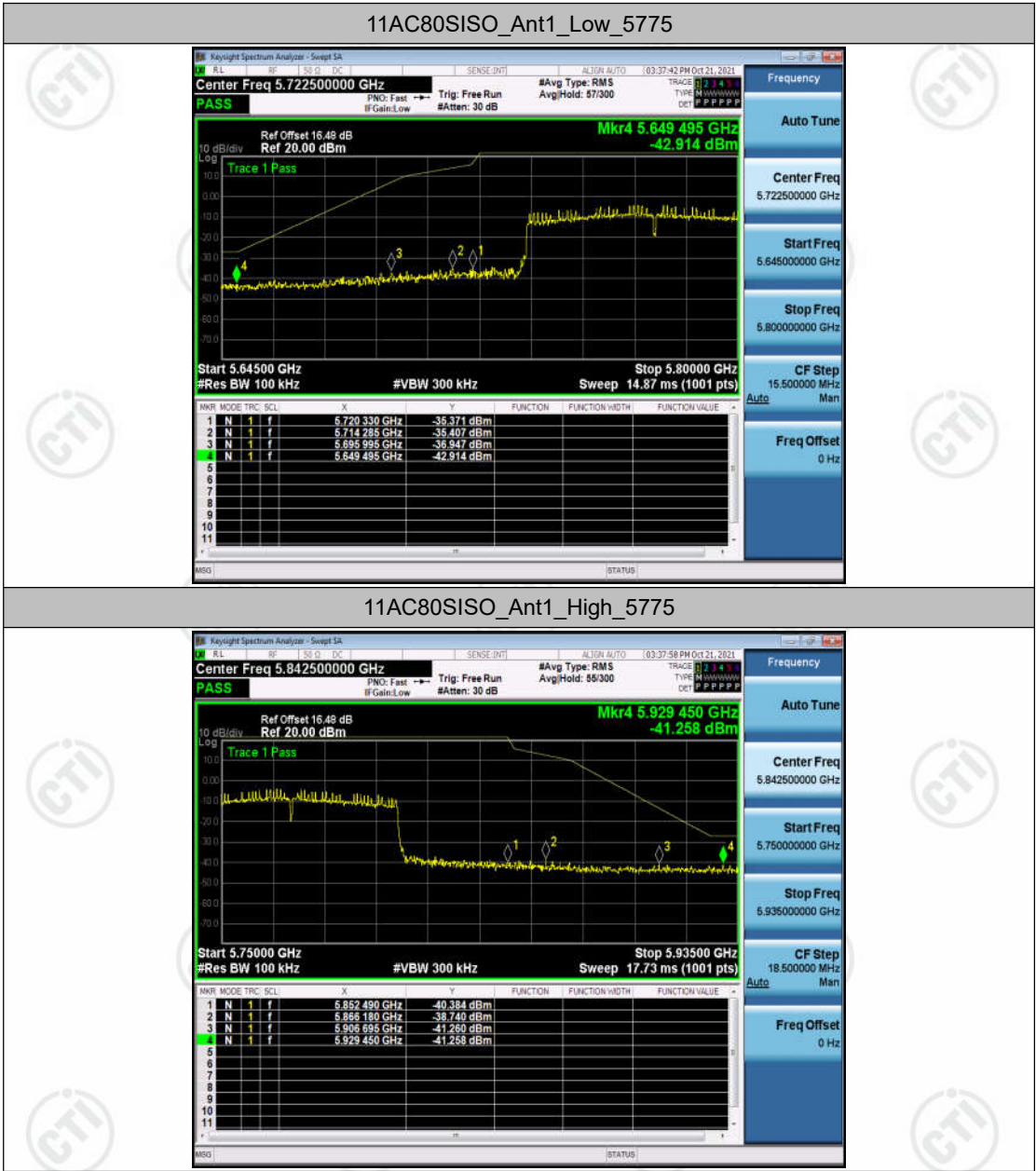












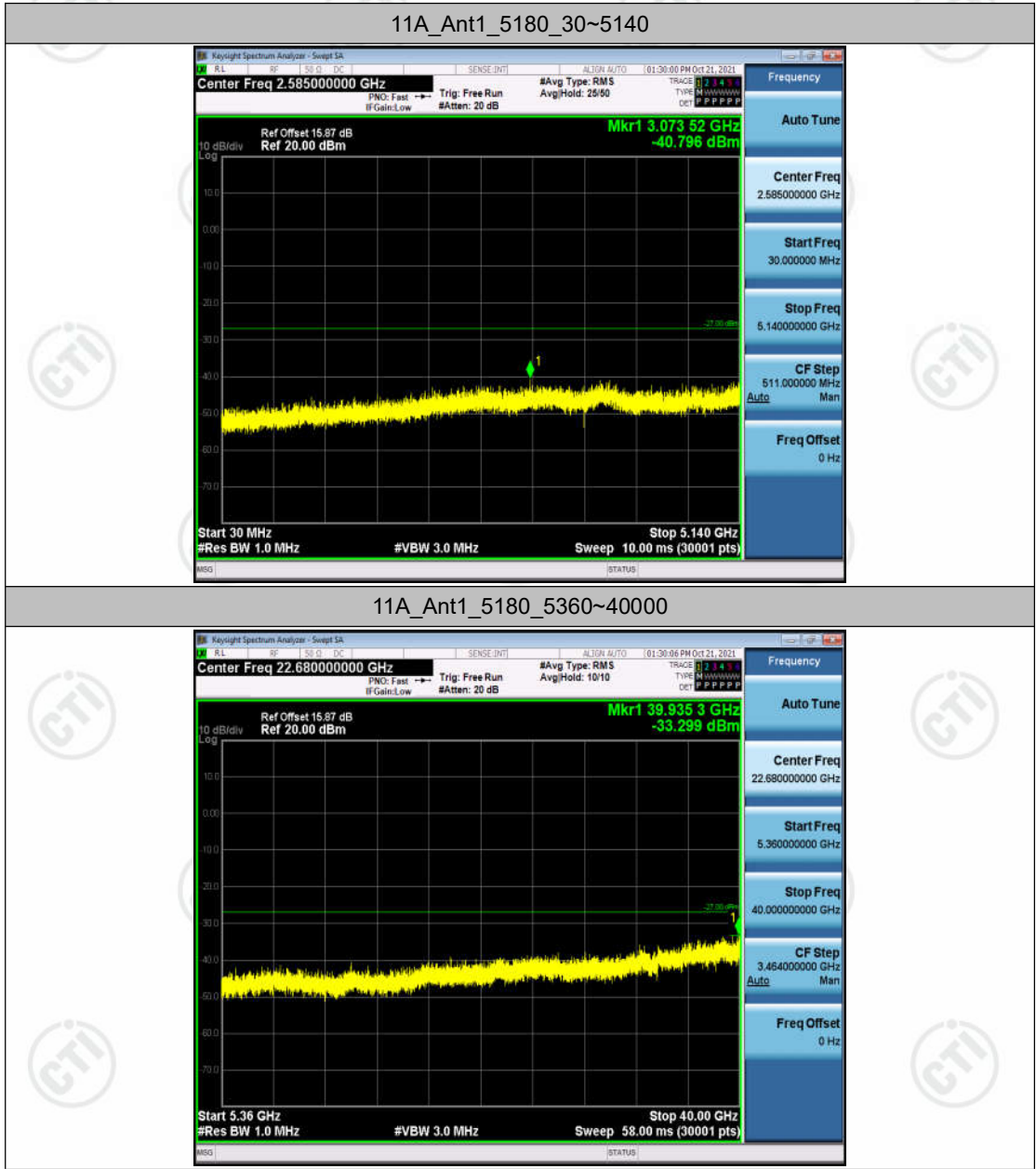
## Appendix E: Conducted Spurious Emission

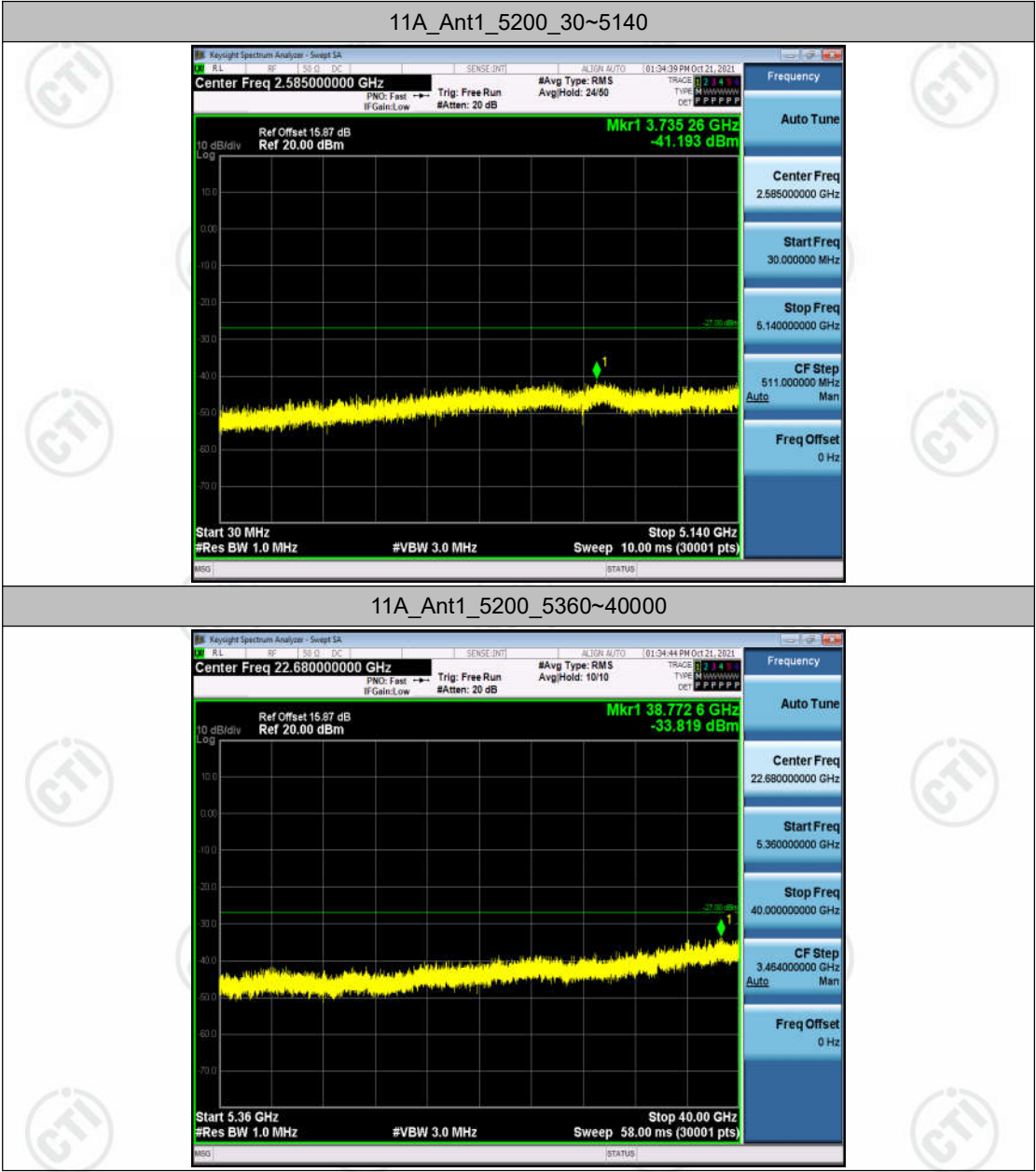
### Test Result

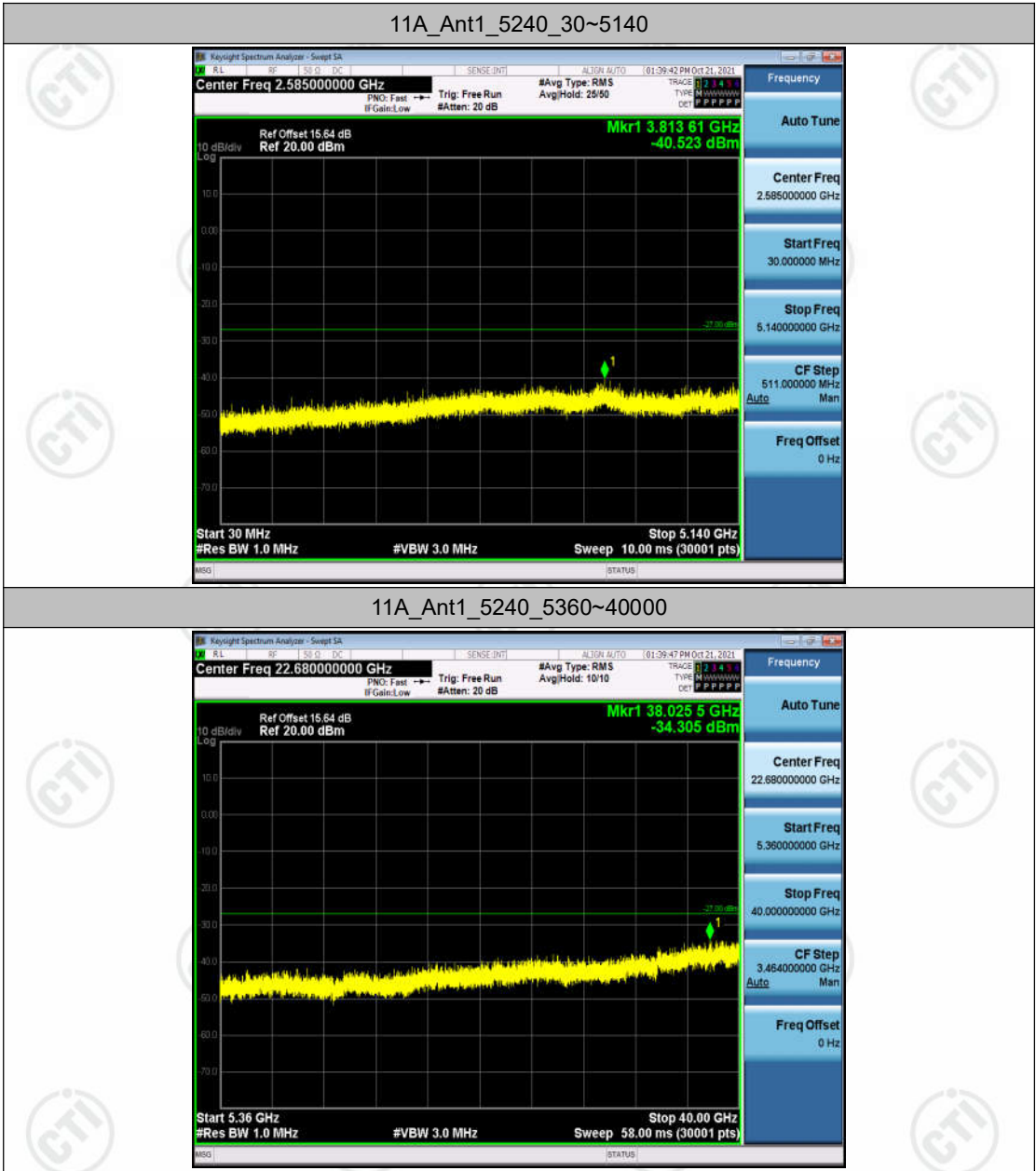
| Test Mode      | Antenna | Channel | FreqRange [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|----------------|---------|---------|-----------------|------------------|-------------|---------|
| 11A            | Ant1    | 5180    | 30~5140         | -40.796          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -33.299          | <=-27       | PASS    |
|                |         | 5200    | 30~5140         | -41.193          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -33.819          | <=-27       | PASS    |
|                |         | 5240    | 30~5140         | -40.523          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -34.305          | <=-27       | PASS    |
|                |         | 5745    | 30~5650         | -40.286          | <=-27       | PASS    |
|                |         |         | 5925~40000      | -33.098          | <=-27       | PASS    |
|                |         | 5785    | 30~5650         | -40.37           | <=-27       | PASS    |
|                |         |         | 5925~40000      | -32.923          | <=-27       | PASS    |
|                |         | 5825    | 30~5650         | -40.16           | <=-27       | PASS    |
|                |         |         | 5925~40000      | -32.146          | <=-27       | PASS    |
| 11N20SI<br>SO  | Ant1    | 5180    | 30~5140         | -40.957          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -33.727          | <=-27       | PASS    |
|                |         | 5200    | 30~5140         | -40.966          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -33.351          | <=-27       | PASS    |
|                |         | 5240    | 30~5140         | -41.527          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -33.925          | <=-27       | PASS    |
|                |         | 5745    | 30~5650         | -40.144          | <=-27       | PASS    |
|                |         |         | 5925~40000      | -33.193          | <=-27       | PASS    |
|                |         | 5785    | 30~5650         | -39.968          | <=-27       | PASS    |
|                |         |         | 5925~40000      | -32.709          | <=-27       | PASS    |
|                |         | 5825    | 30~5650         | -40.152          | <=-27       | PASS    |
|                |         |         | 5925~40000      | -32.619          | <=-27       | PASS    |
| 11N40SI<br>SO  | Ant1    | 5190    | 30~5140         | -37.693          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -33.548          | <=-27       | PASS    |
|                |         | 5230    | 30~5140         | -40.562          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -33.284          | <=-27       | PASS    |
|                |         | 5755    | 30~5650         | -39.948          | <=-27       | PASS    |
|                |         |         | 5925~40000      | -33.372          | <=-27       | PASS    |
|                |         | 5795    | 30~5650         | -40.051          | <=-27       | PASS    |
|                |         |         | 5925~40000      | -32.705          | <=-27       | PASS    |
| 11AC20S<br>ISO | Ant1    | 5180    | 30~5140         | -40.848          | <=-27       | PASS    |
|                |         |         | 5360~40000      | -33.329          | <=-27       | PASS    |
|                |         | 5200    | 30~5140         | -40.473          | <=-27       | PASS    |

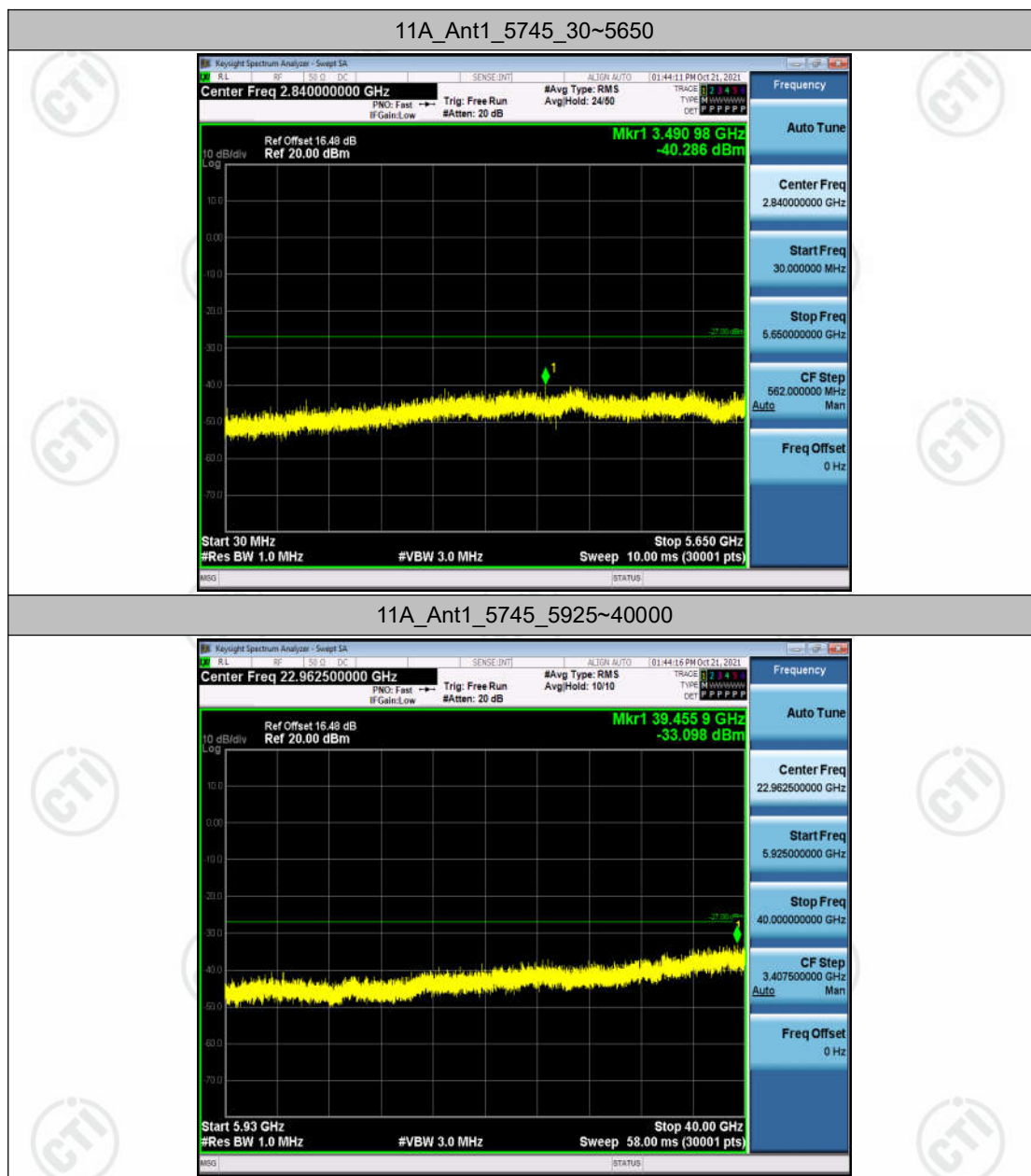
|                |      |      |            |         |       |      |
|----------------|------|------|------------|---------|-------|------|
|                |      | 5240 | 5360~40000 | -33.104 | <=-27 | PASS |
|                |      |      | 30~5140    | -40.814 | <=-27 | PASS |
|                |      |      | 5360~40000 | -34.05  | <=-27 | PASS |
|                |      | 5745 | 30~5650    | -39.778 | <=-27 | PASS |
|                |      |      | 5925~40000 | -33.551 | <=-27 | PASS |
|                |      | 5785 | 30~5650    | -39.8   | <=-27 | PASS |
|                |      |      | 5925~40000 | -32.95  | <=-27 | PASS |
|                |      | 5825 | 30~5650    | -40.459 | <=-27 | PASS |
|                |      |      | 5925~40000 | -32.828 | <=-27 | PASS |
| 11AC40S<br>ISO | Ant1 | 5190 | 30~5140    | -35.854 | <=-27 | PASS |
|                |      |      | 5360~40000 | -32.891 | <=-27 | PASS |
|                |      | 5230 | 30~5140    | -40.045 | <=-27 | PASS |
|                |      |      | 5360~40000 | -33.734 | <=-27 | PASS |
|                |      | 5755 | 30~5650    | -39.868 | <=-27 | PASS |
|                |      |      | 5925~40000 | -32.944 | <=-27 | PASS |
|                |      | 5795 | 30~5650    | -39.703 | <=-27 | PASS |
|                |      |      | 5925~40000 | -32.804 | <=-27 | PASS |
| 11AC80S<br>ISO | Ant1 | 5210 | 30~5140    | -35.99  | <=-27 | PASS |
|                |      |      | 5360~40000 | -33.945 | <=-27 | PASS |
|                |      | 5775 | 30~5650    | -40.248 | <=-27 | PASS |
|                |      |      | 5925~40000 | -33.169 | <=-27 | PASS |

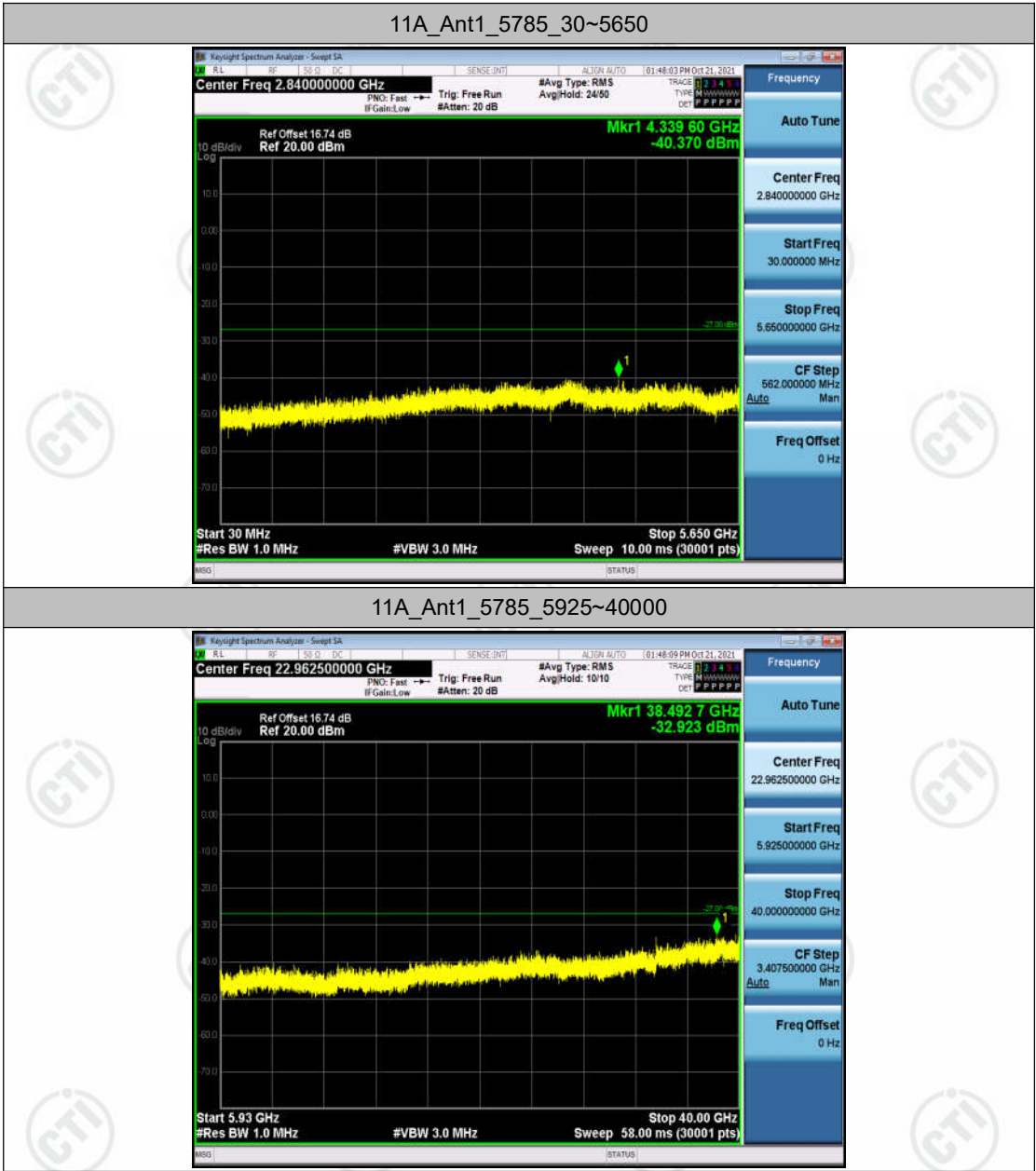
Test Graphs

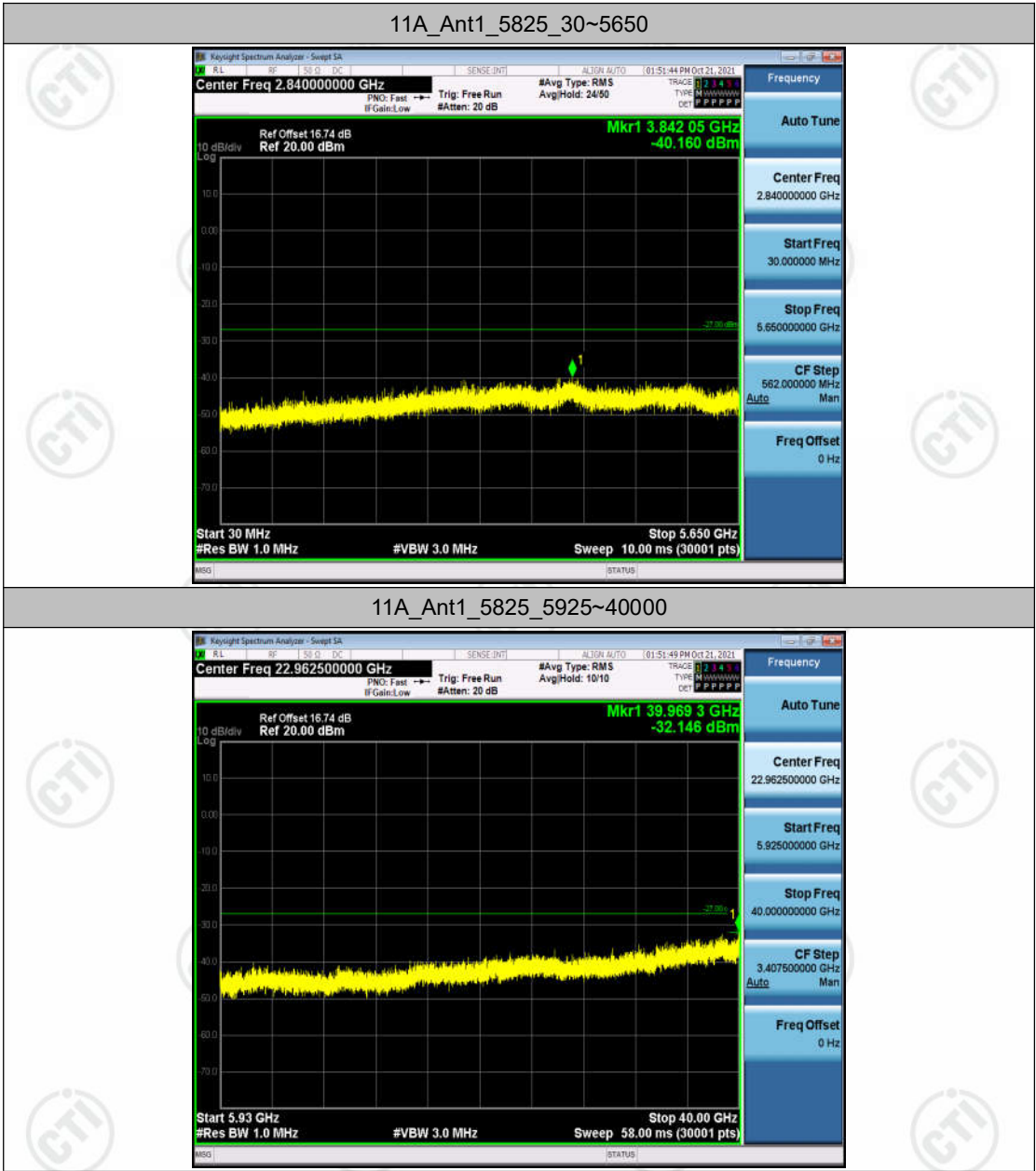


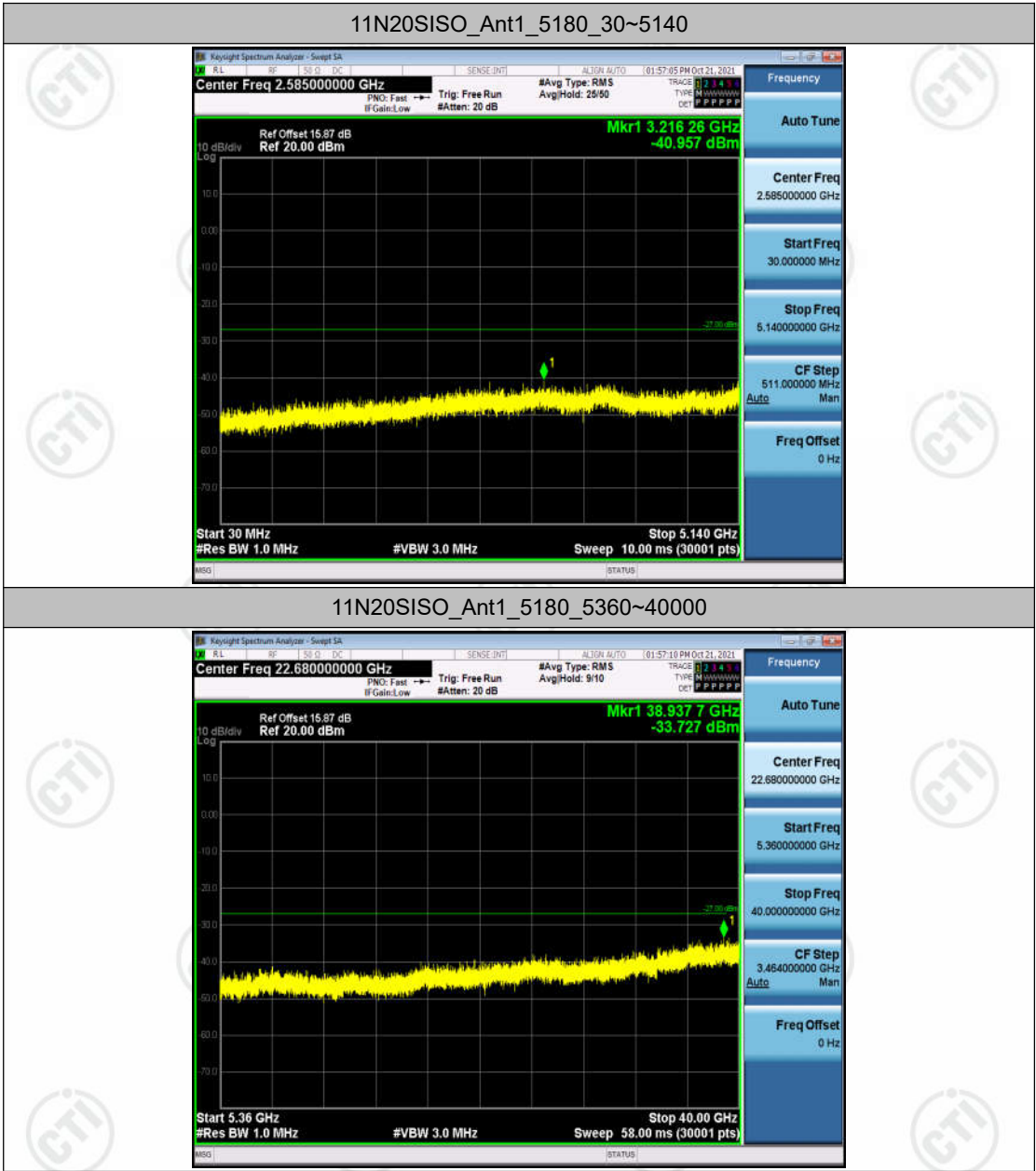


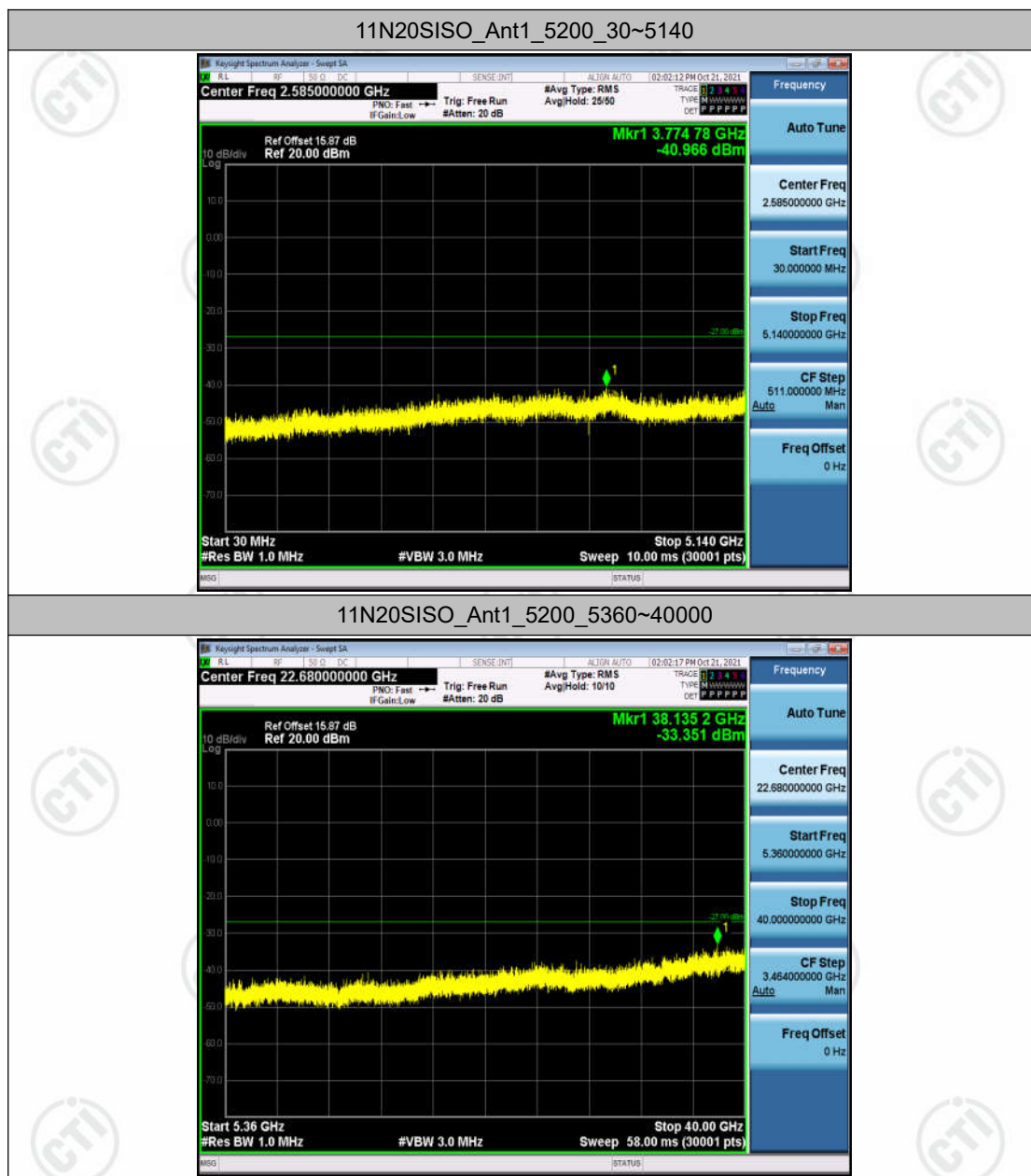


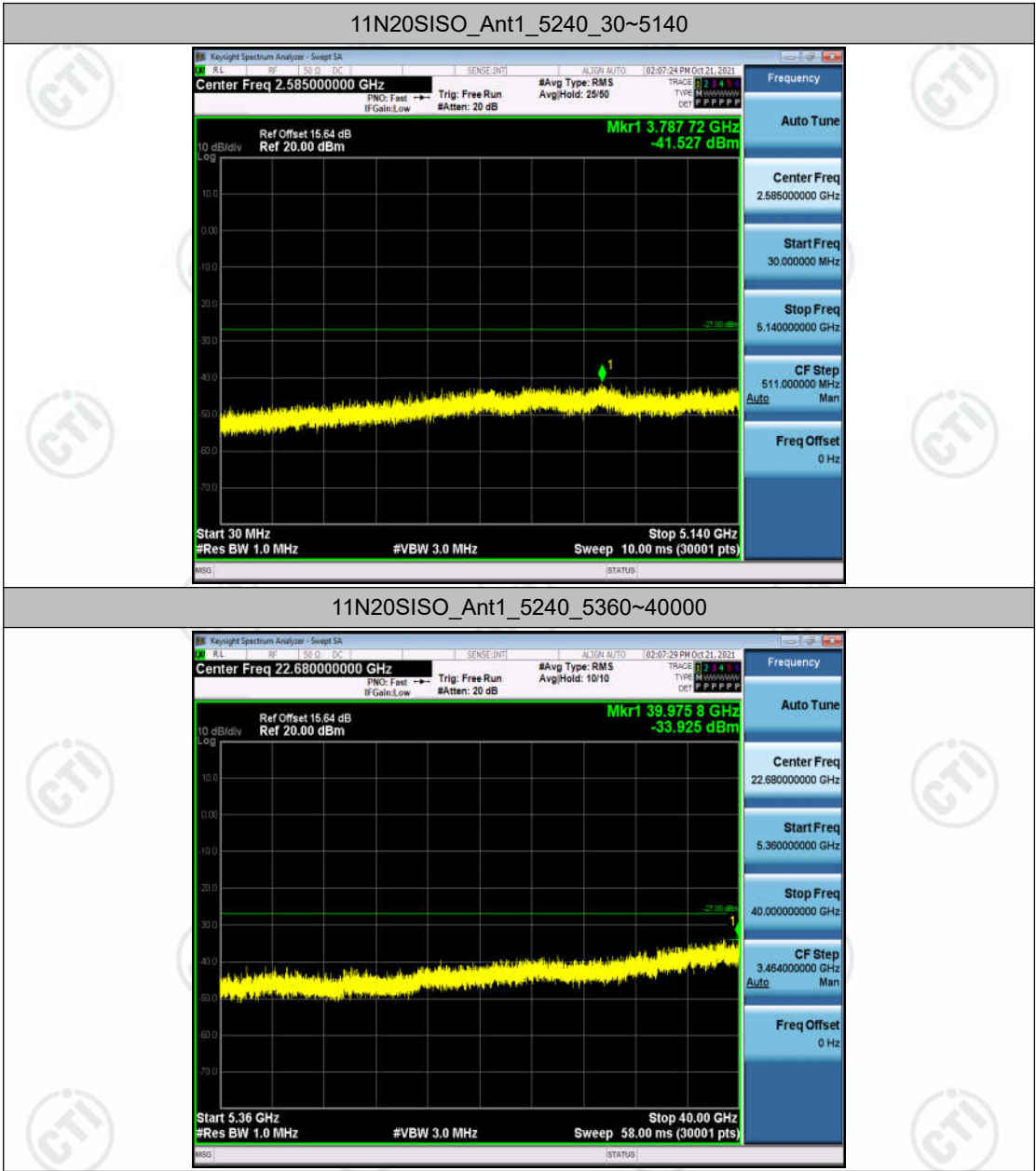


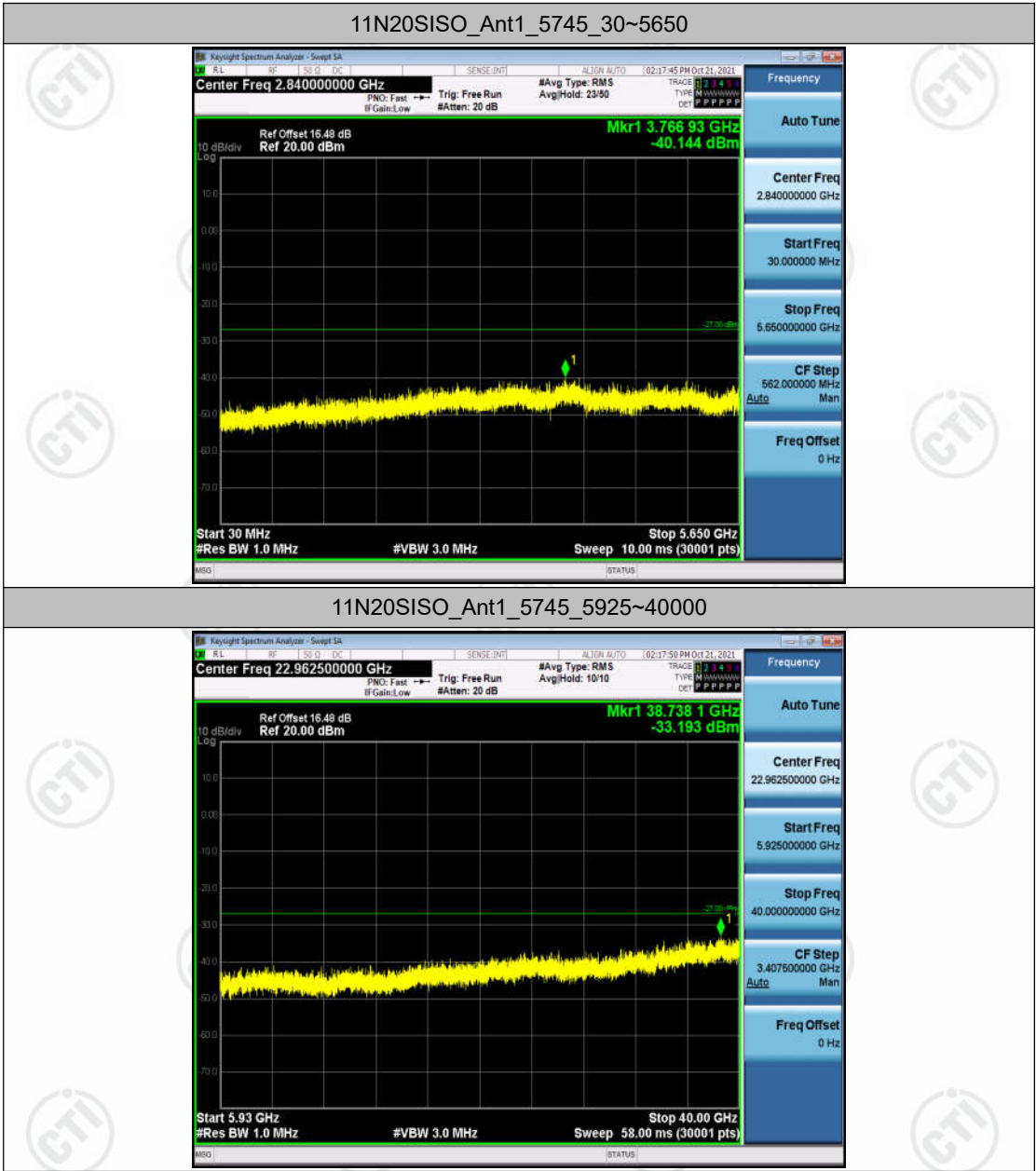


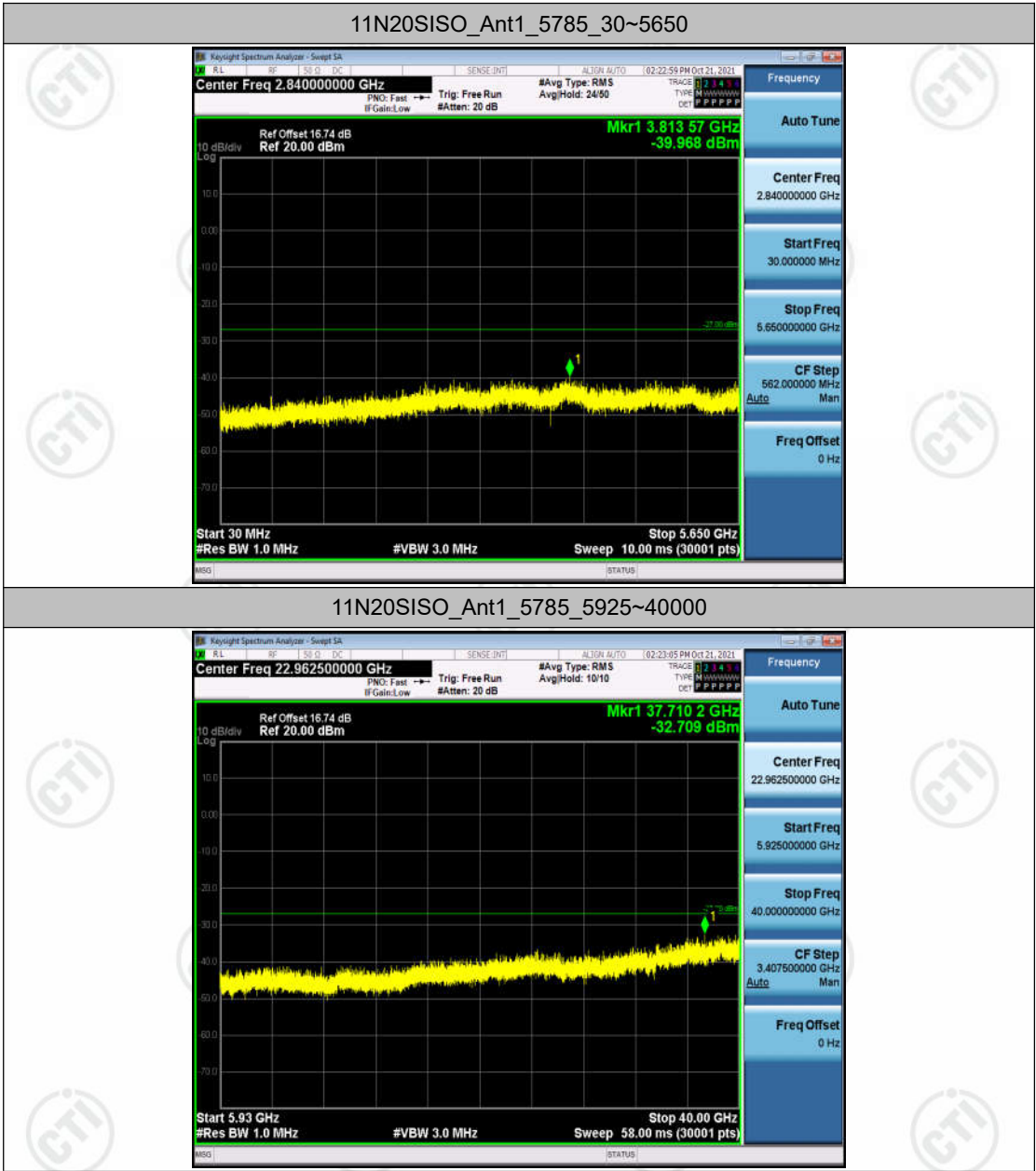


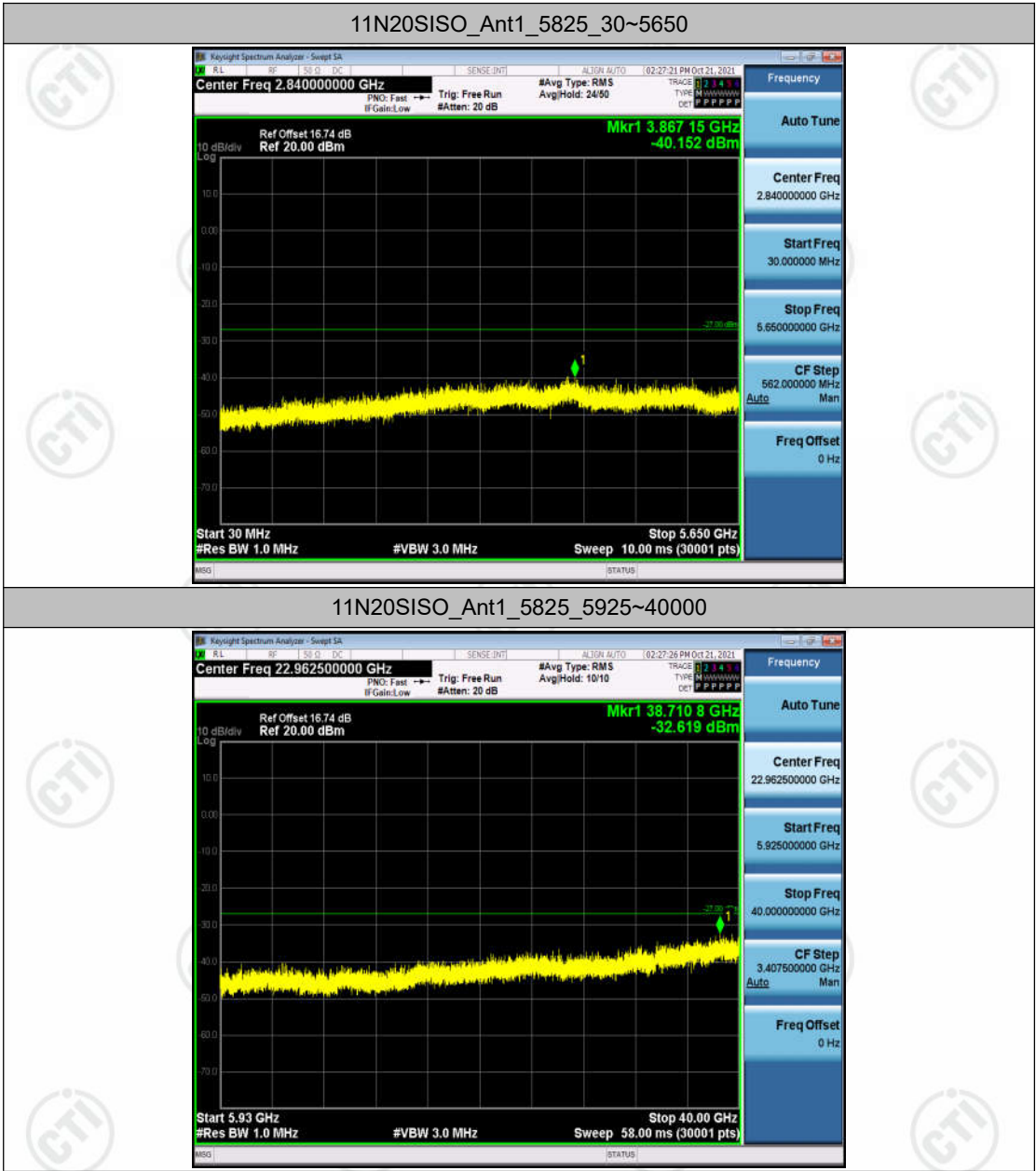


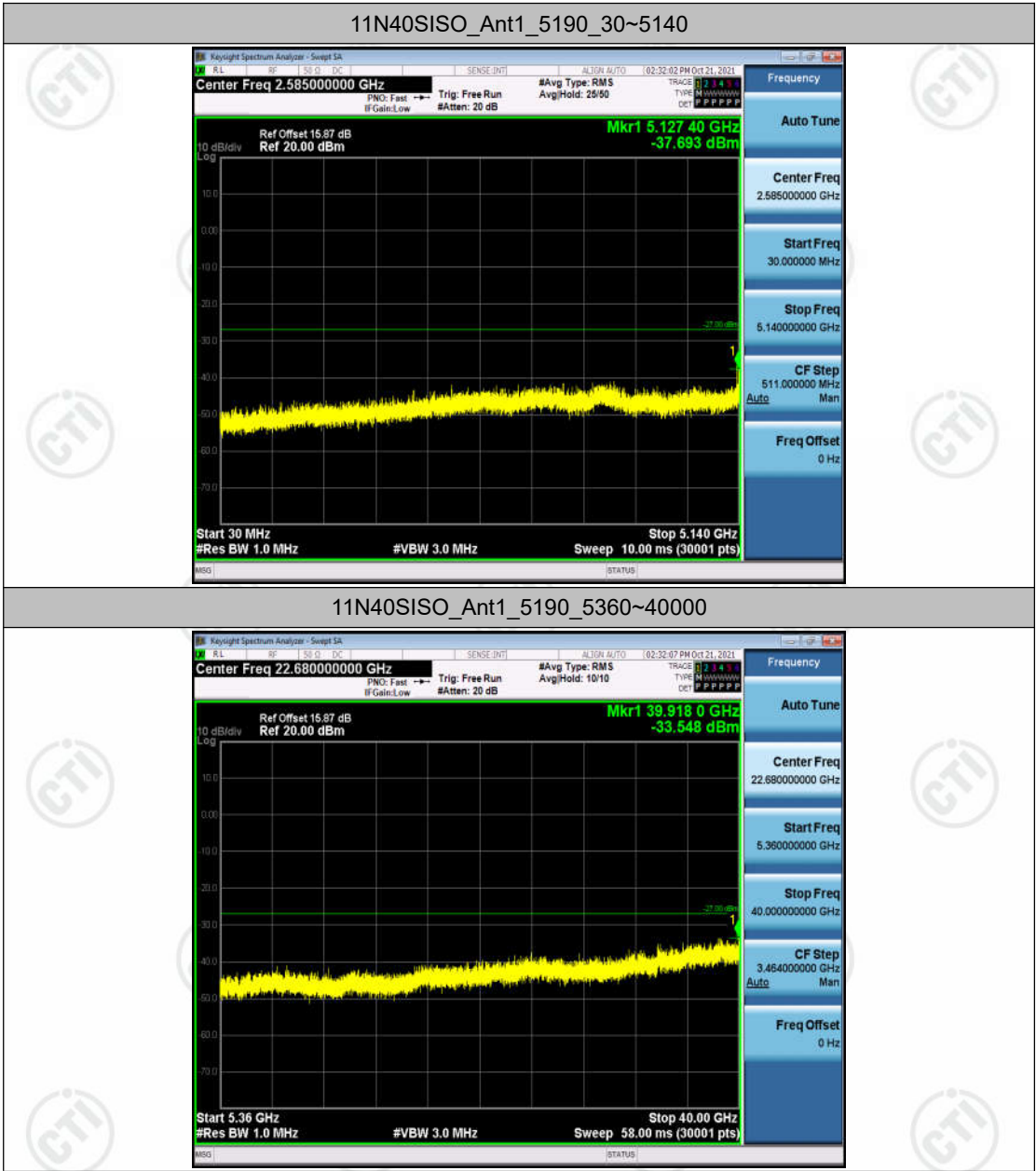


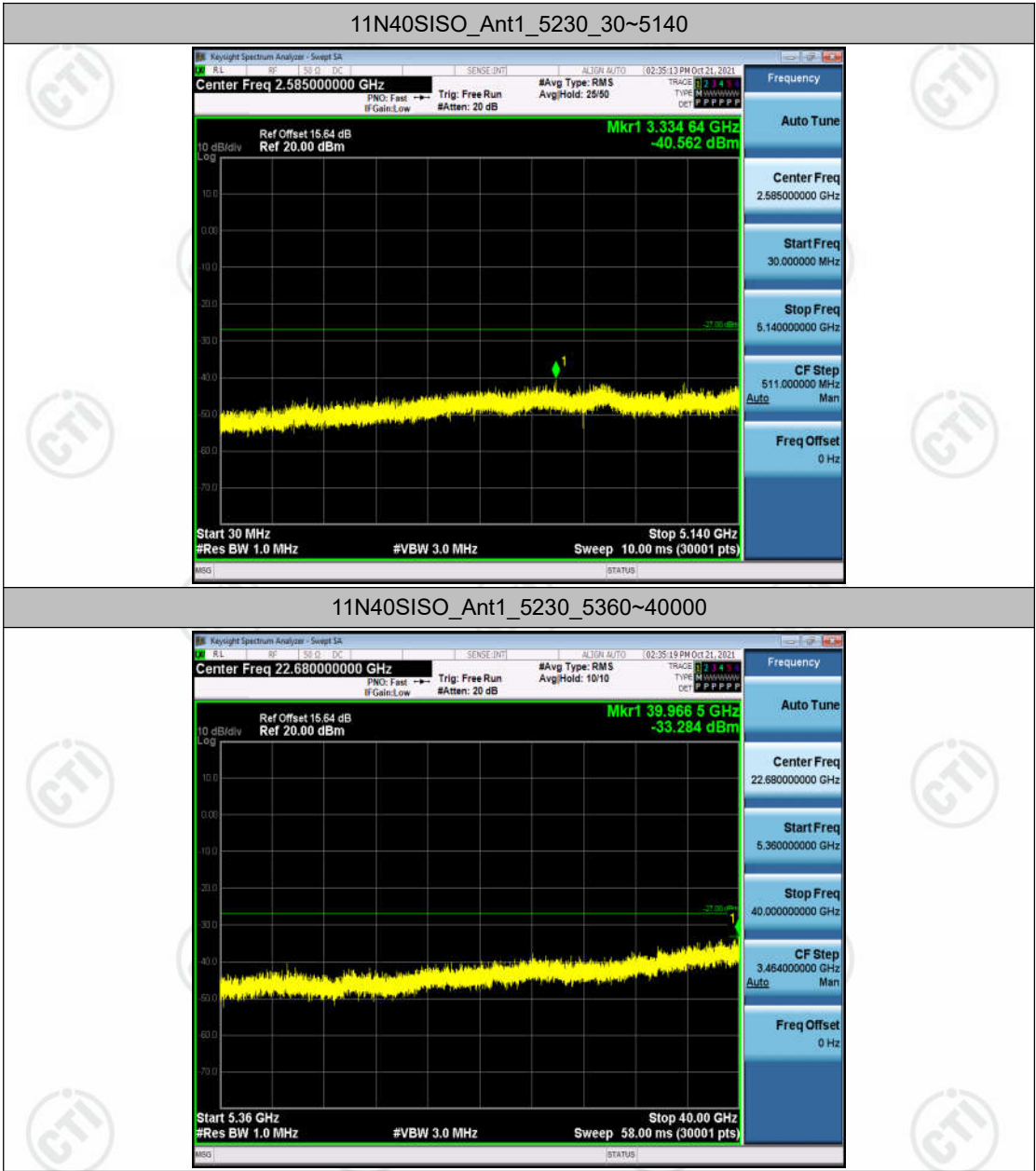


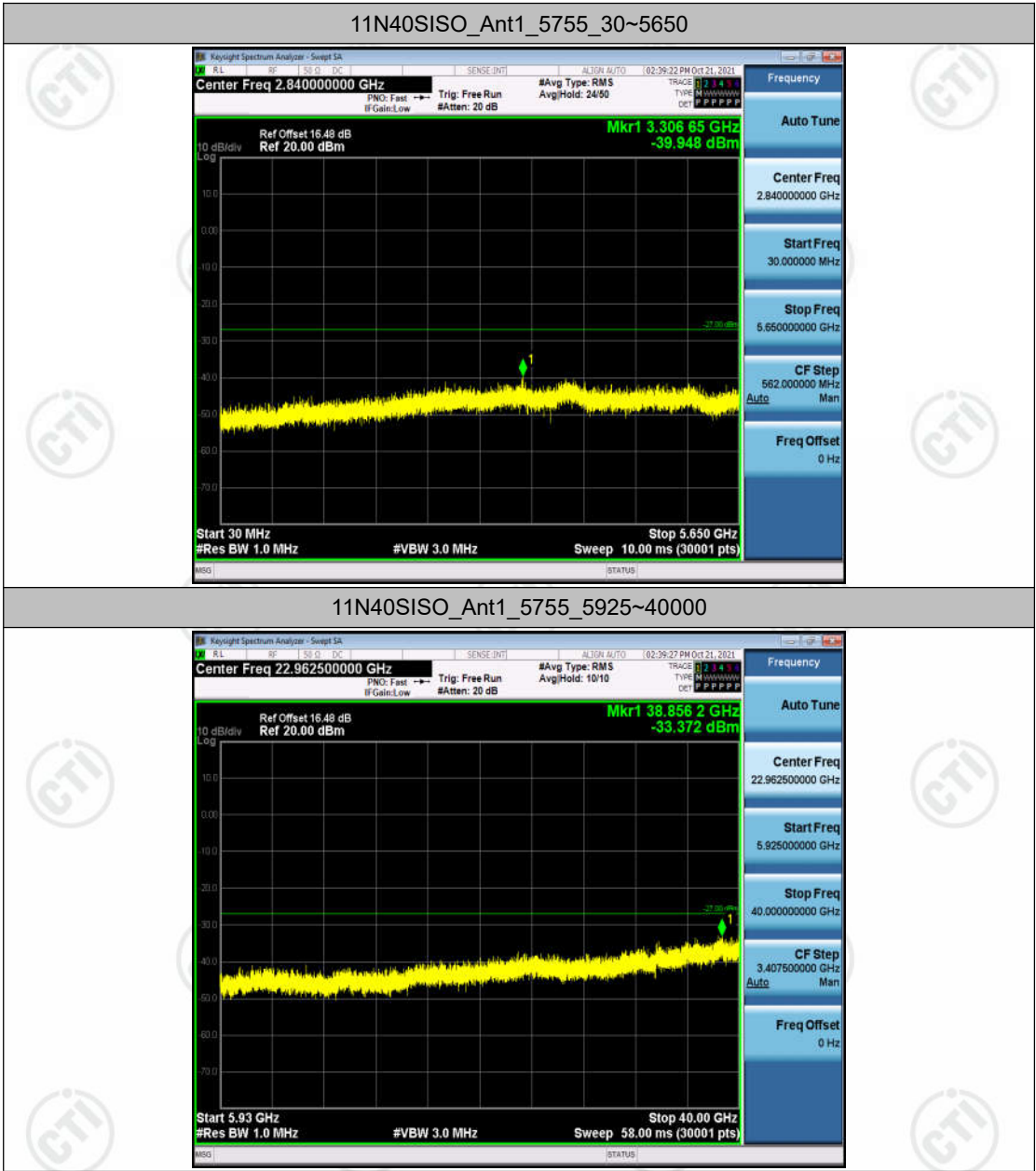


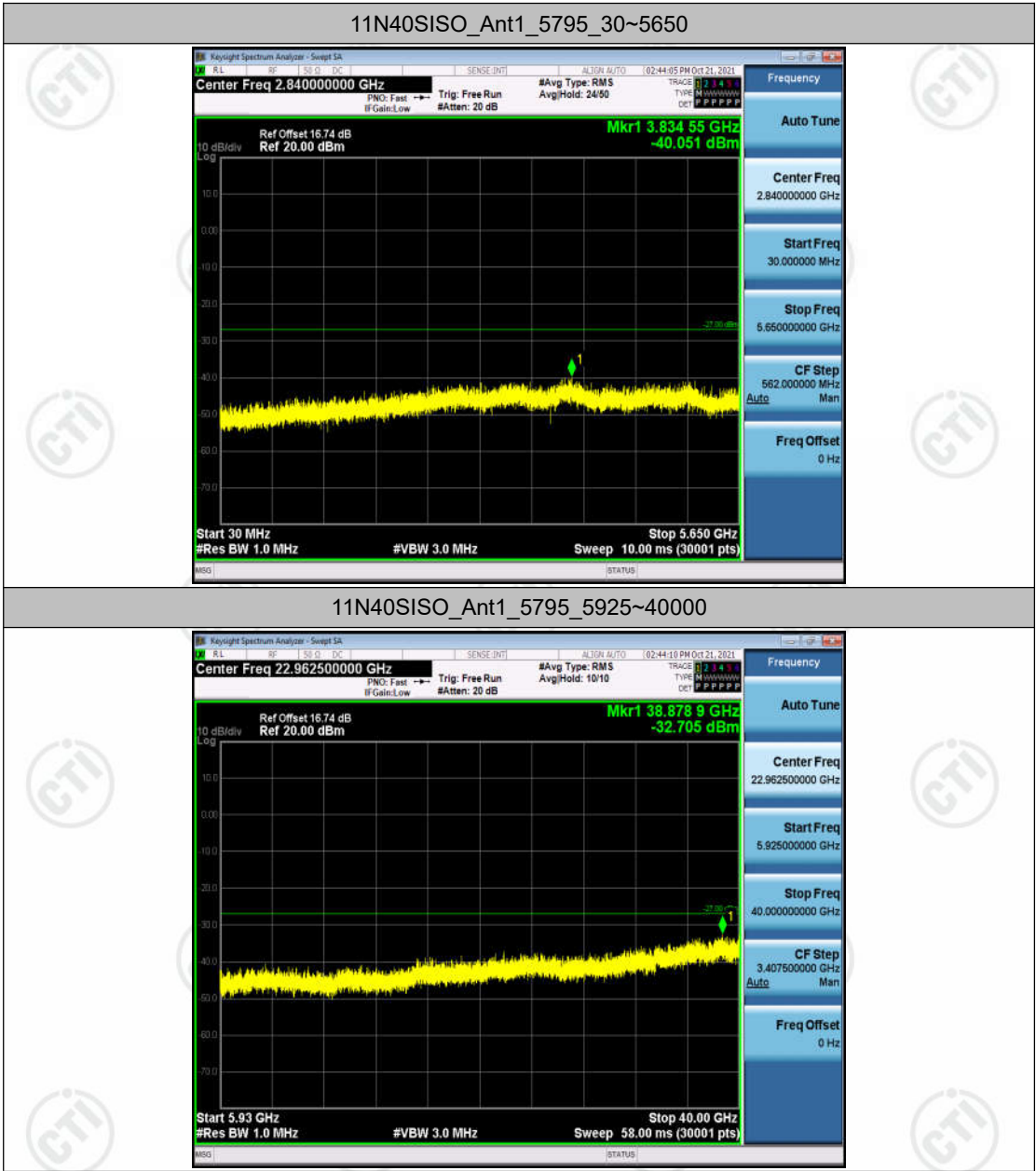


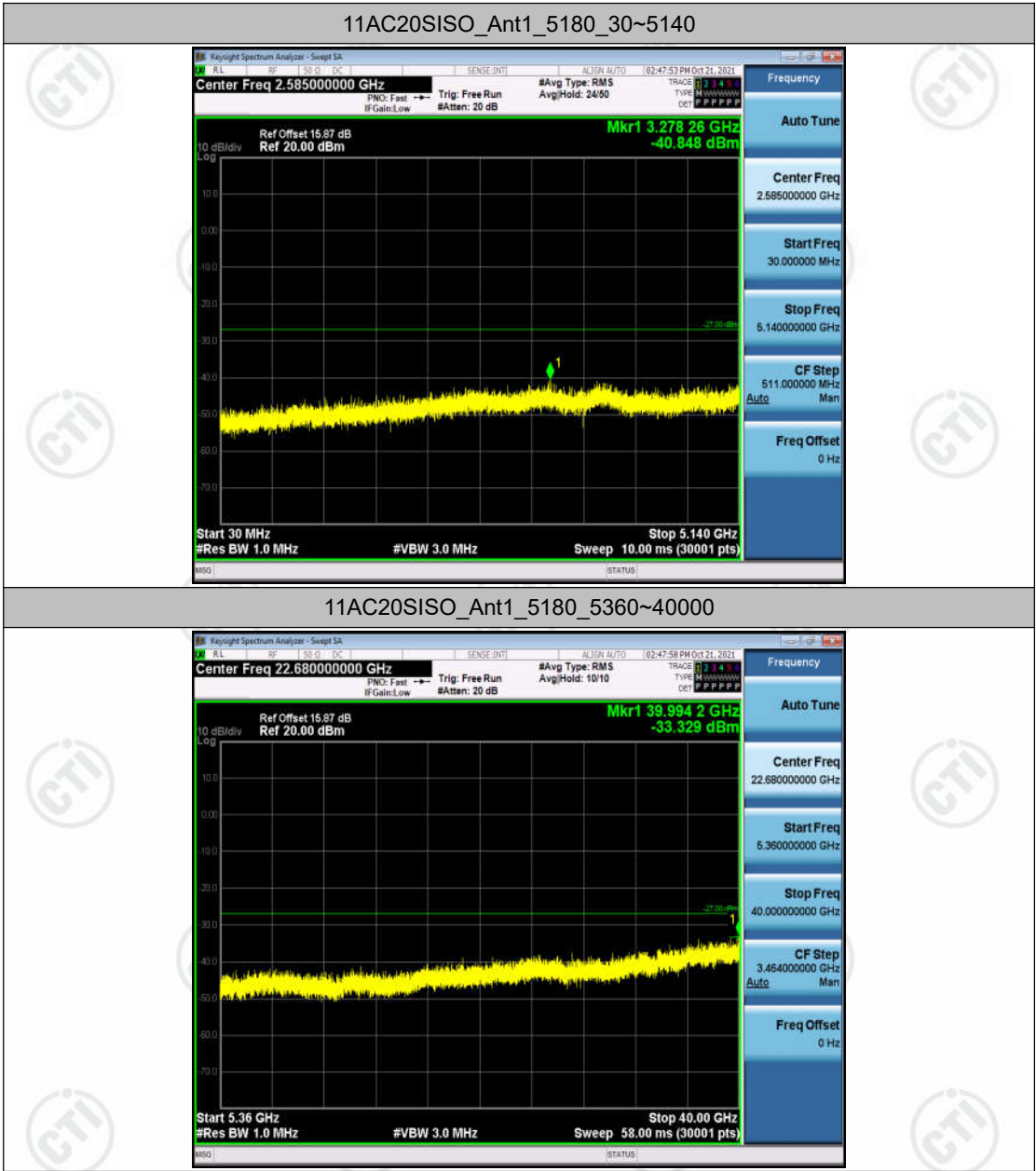


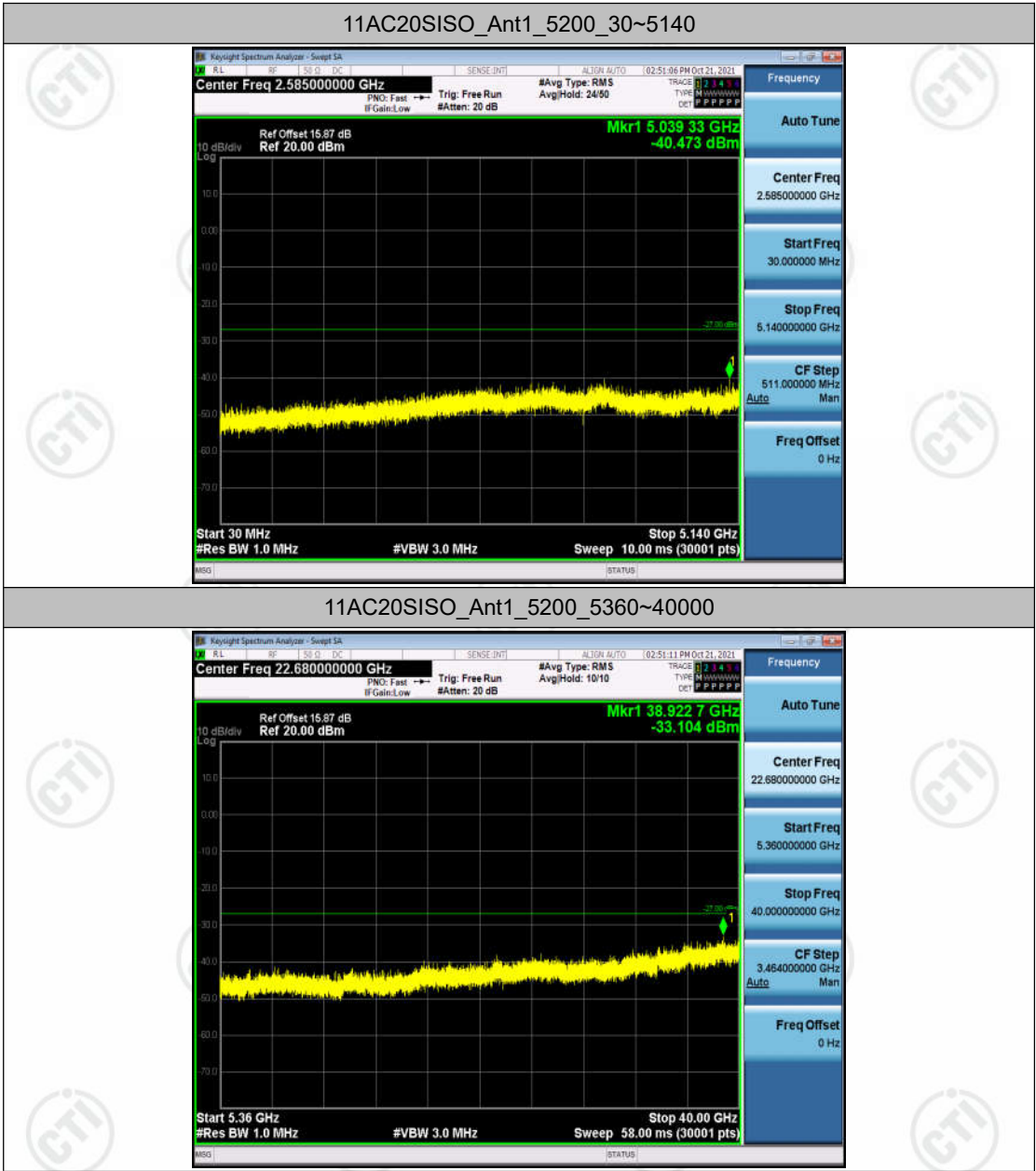


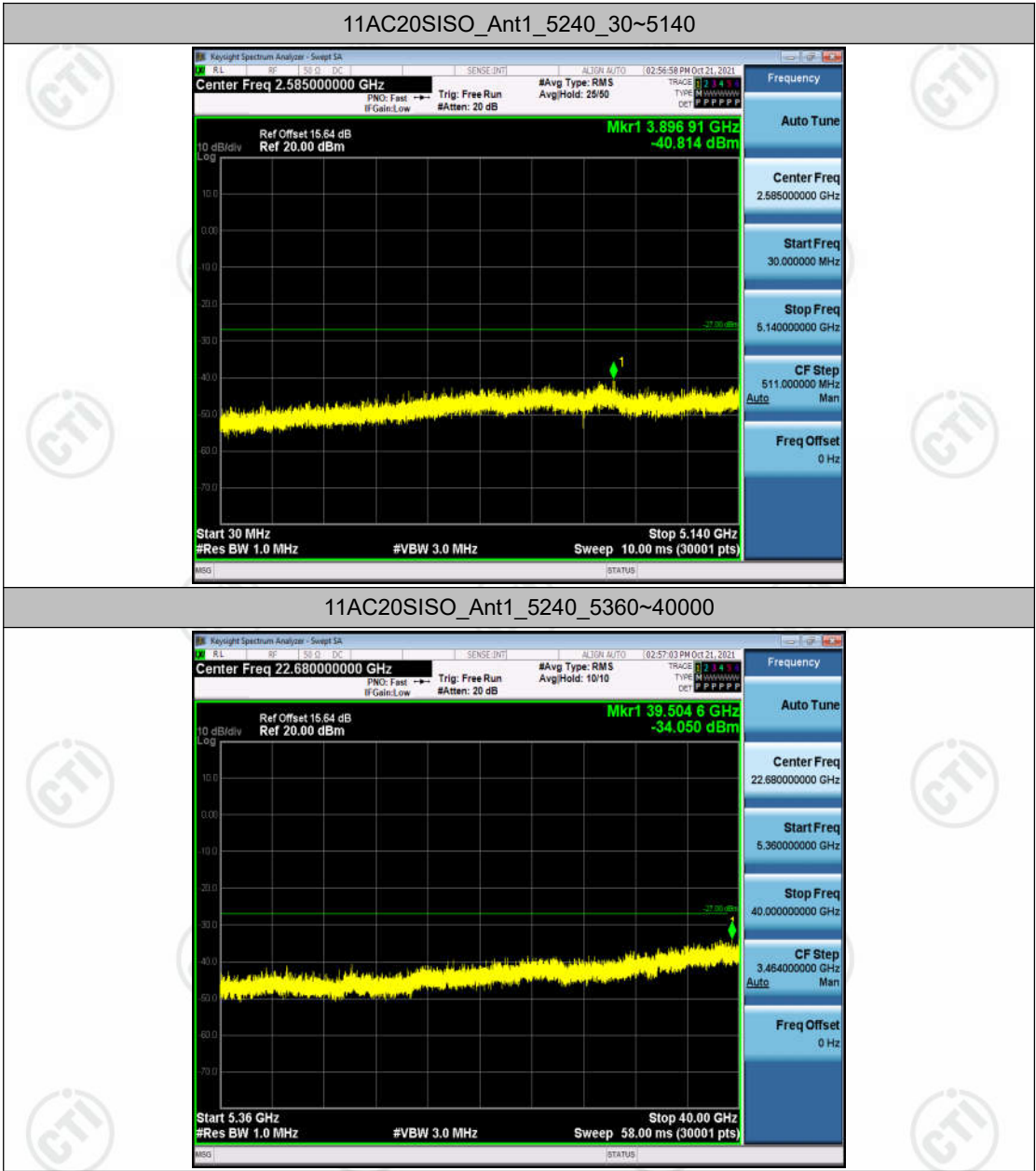


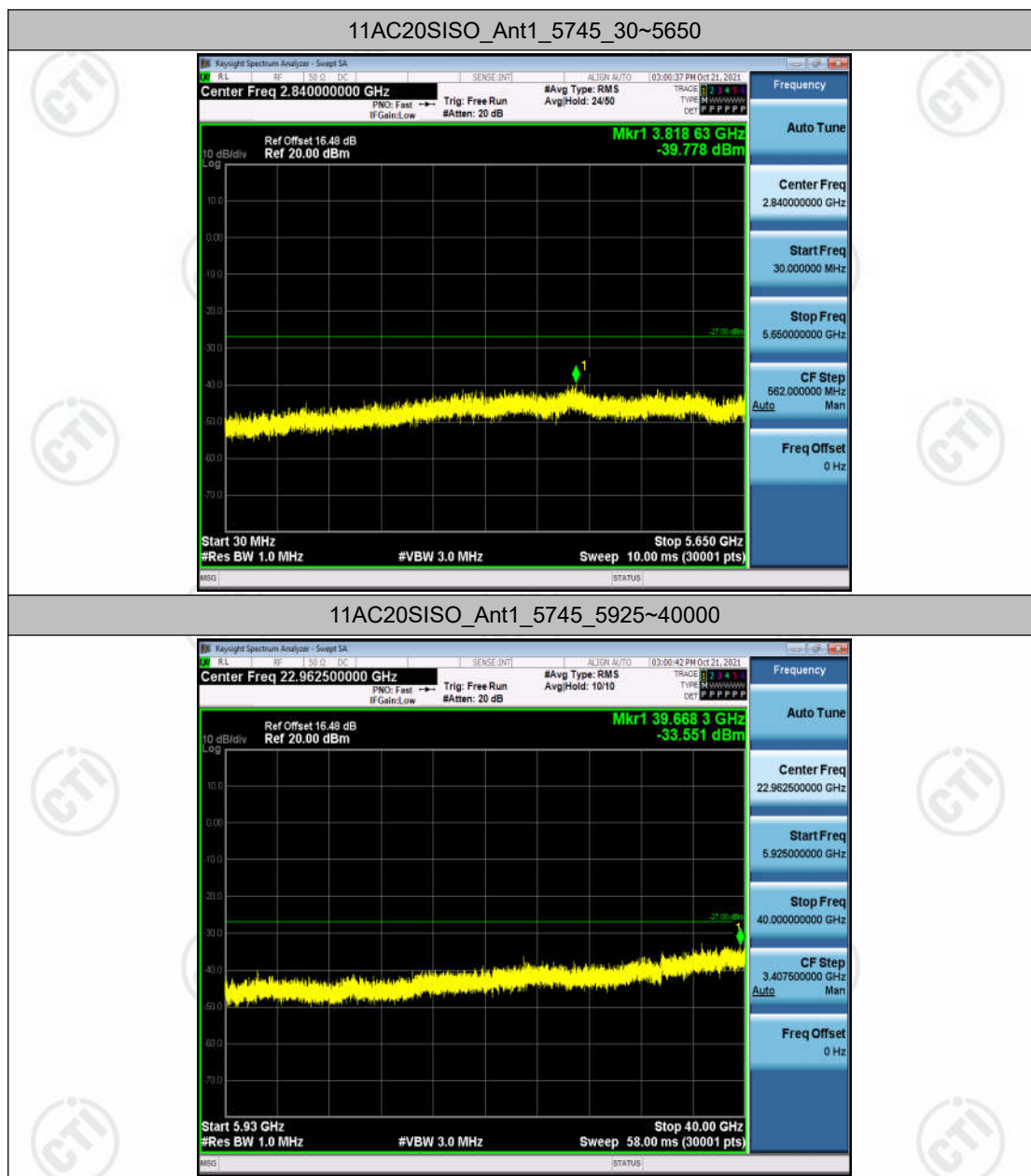


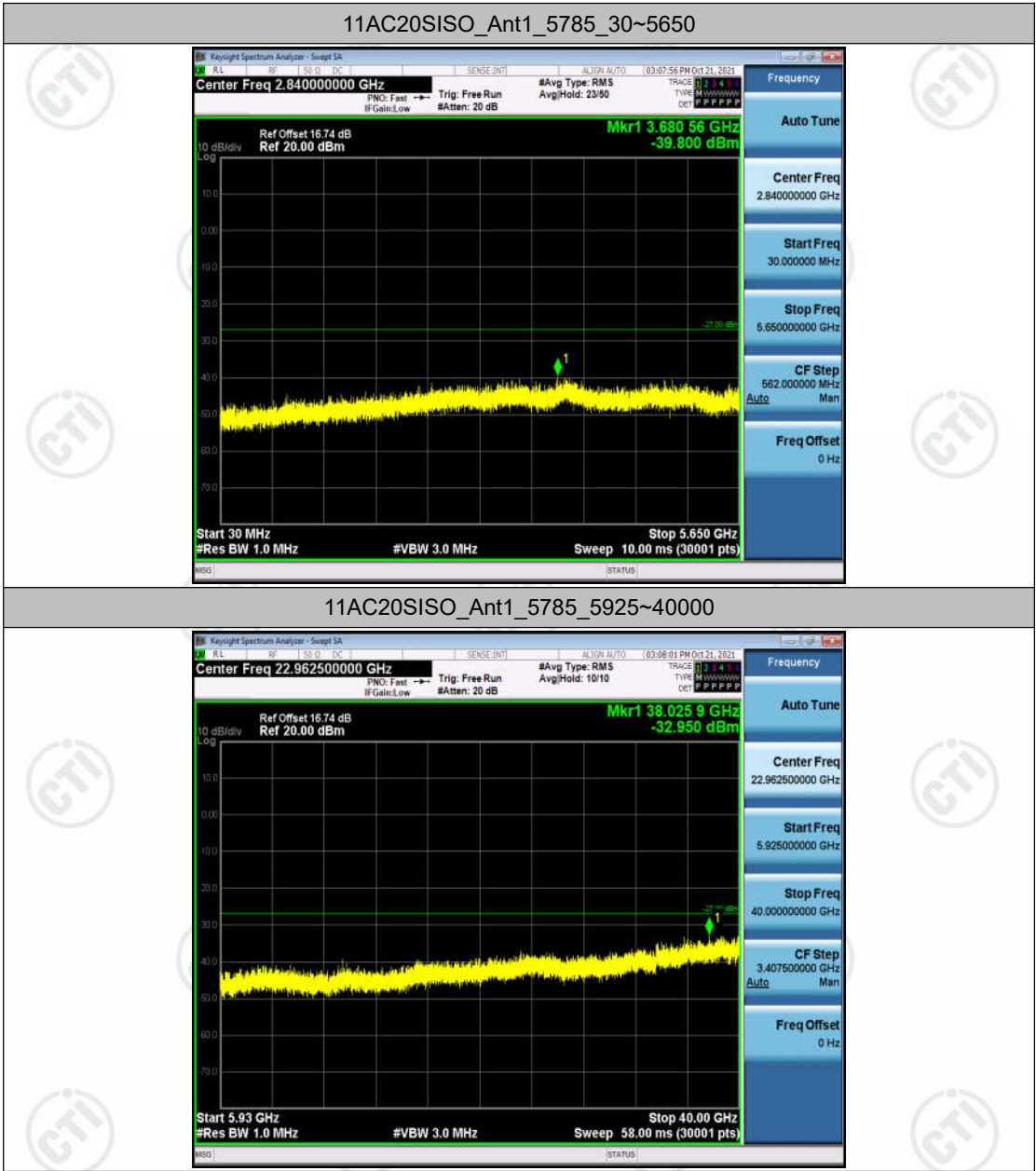


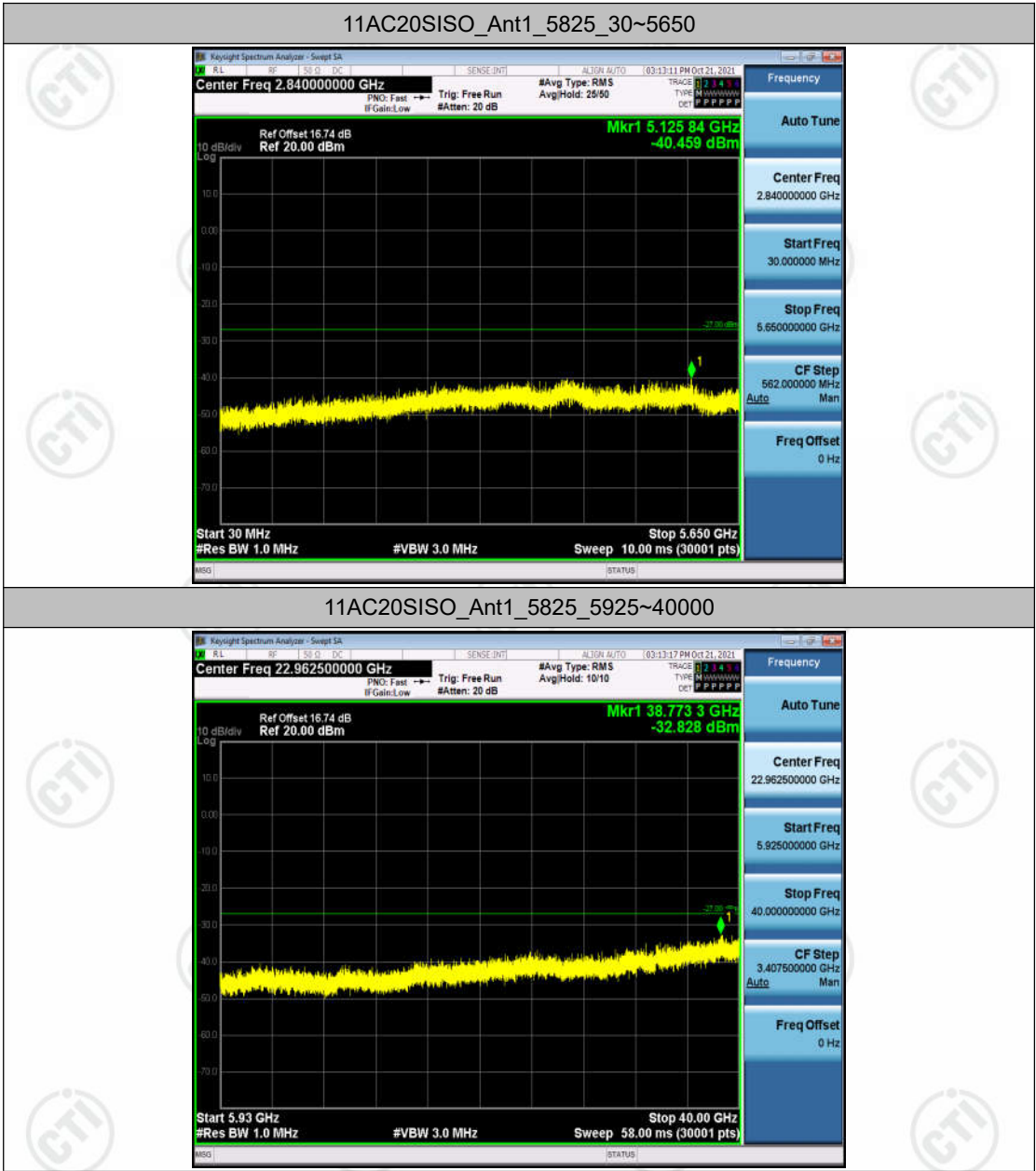


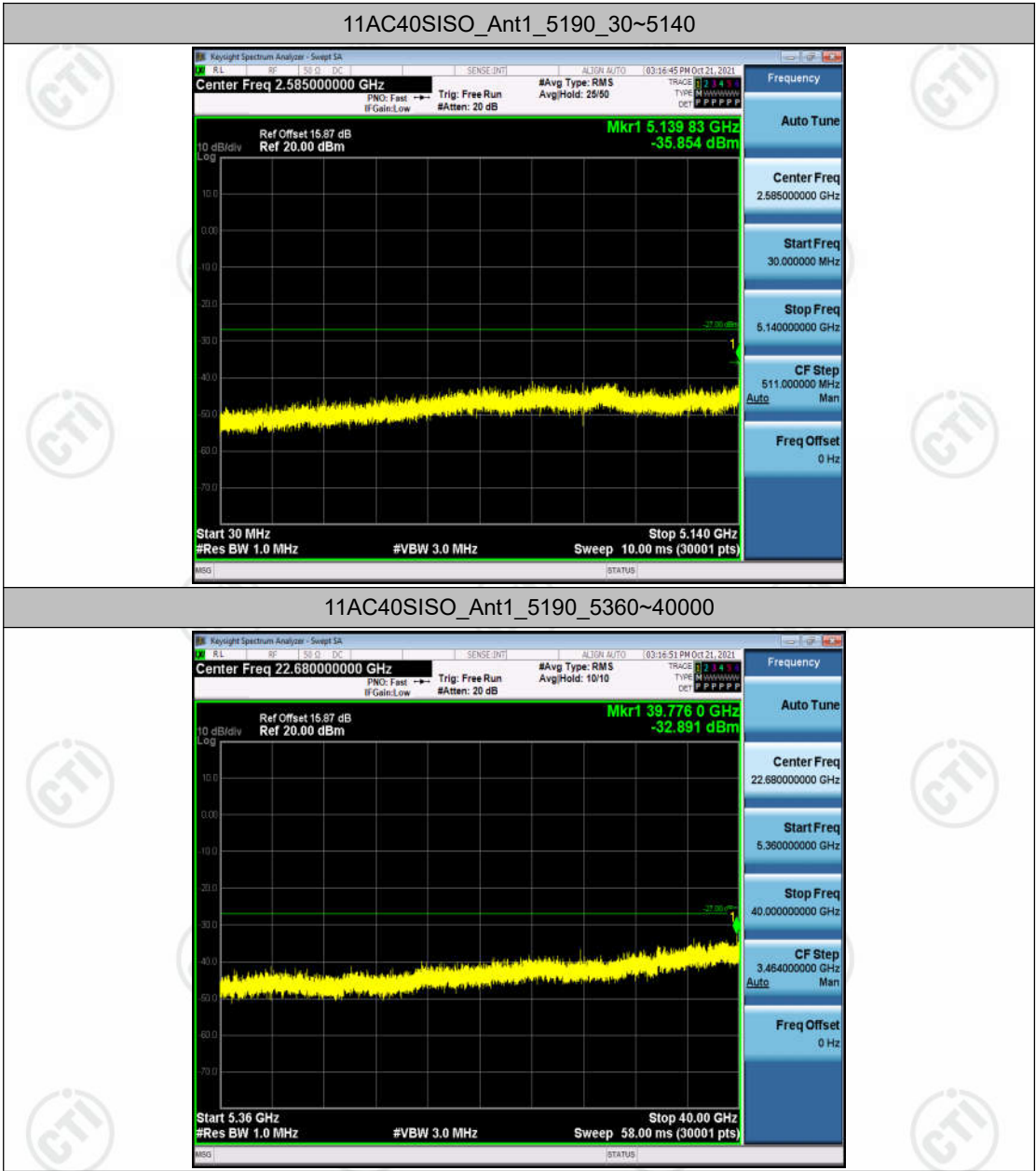


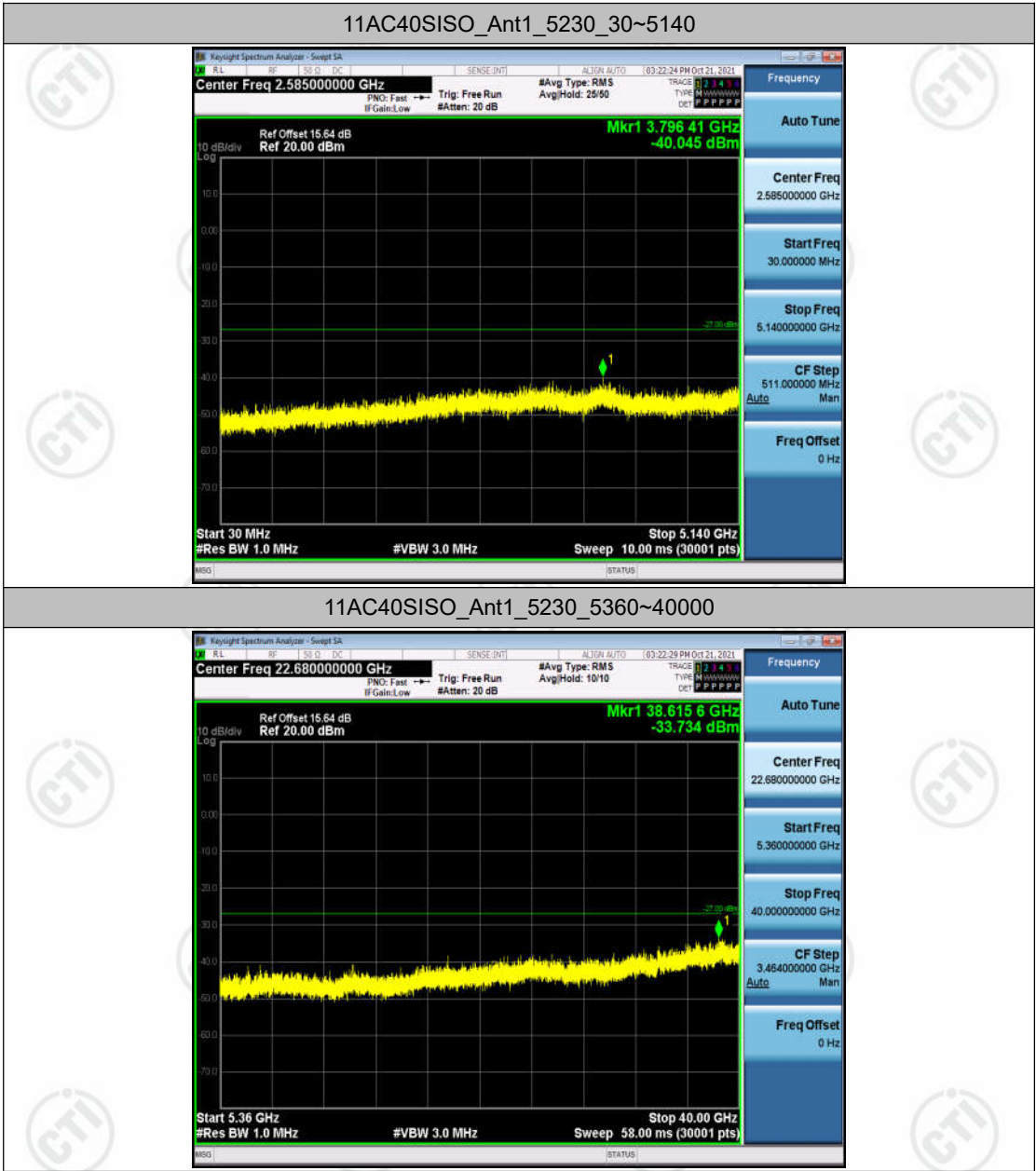


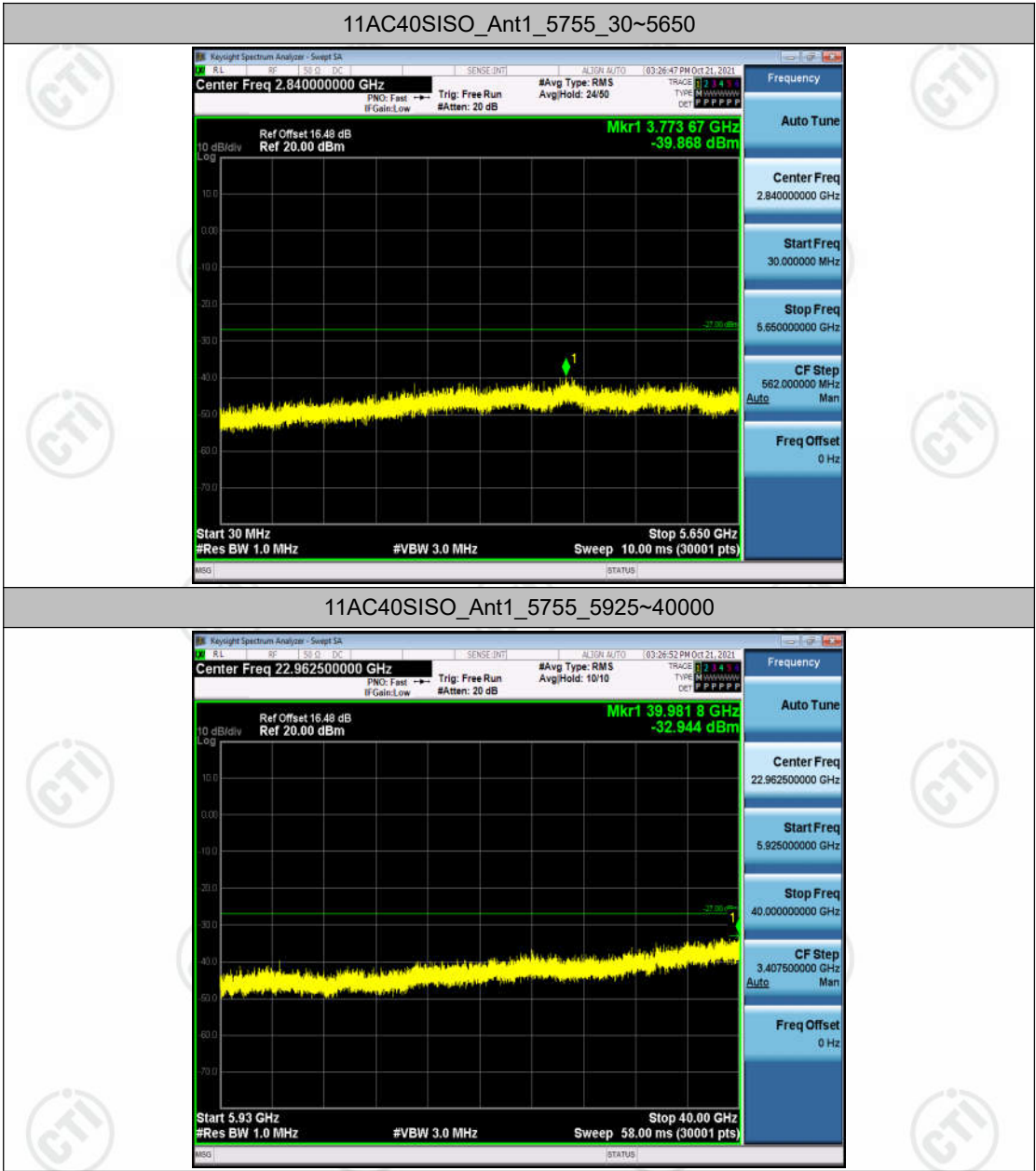


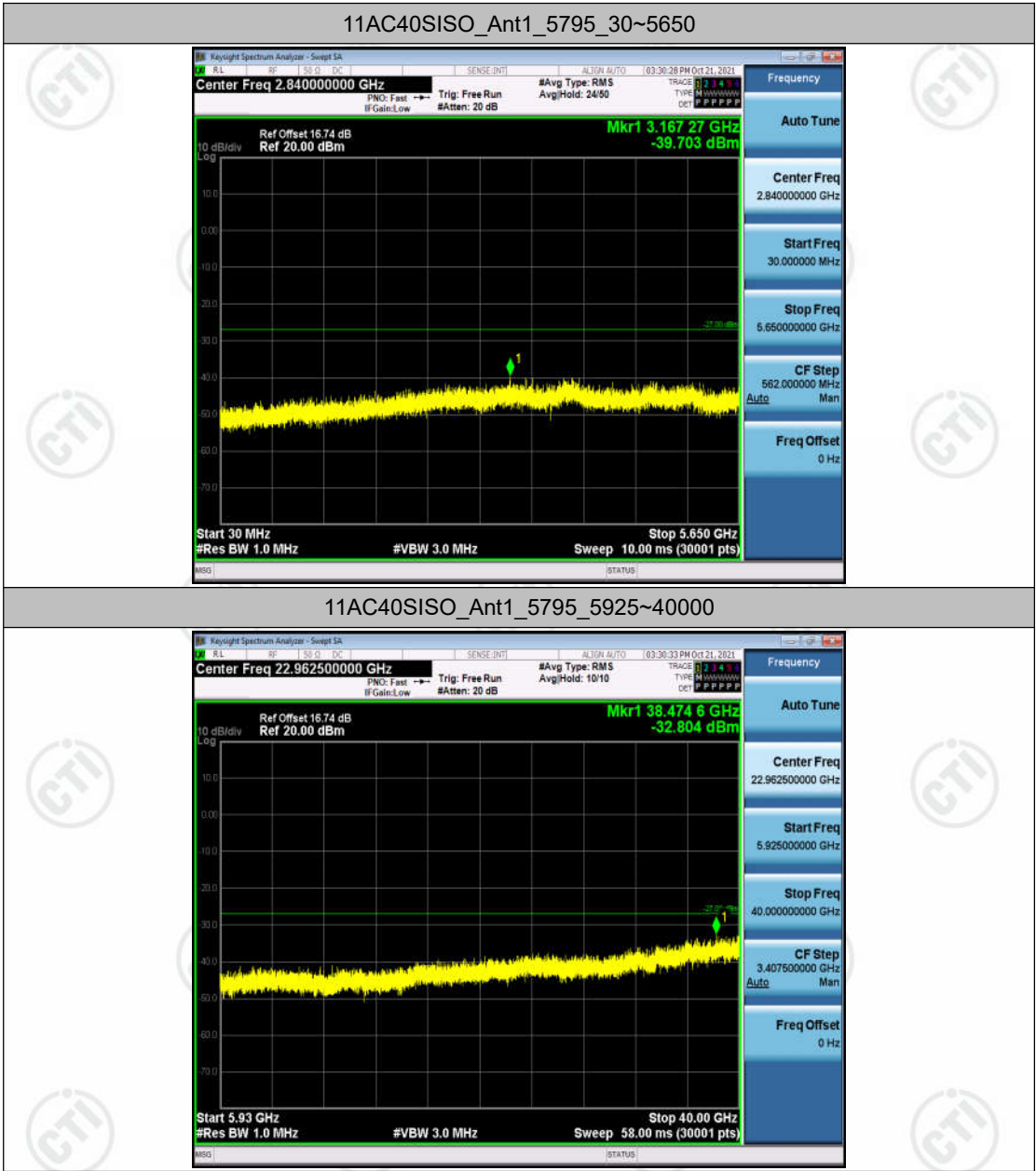


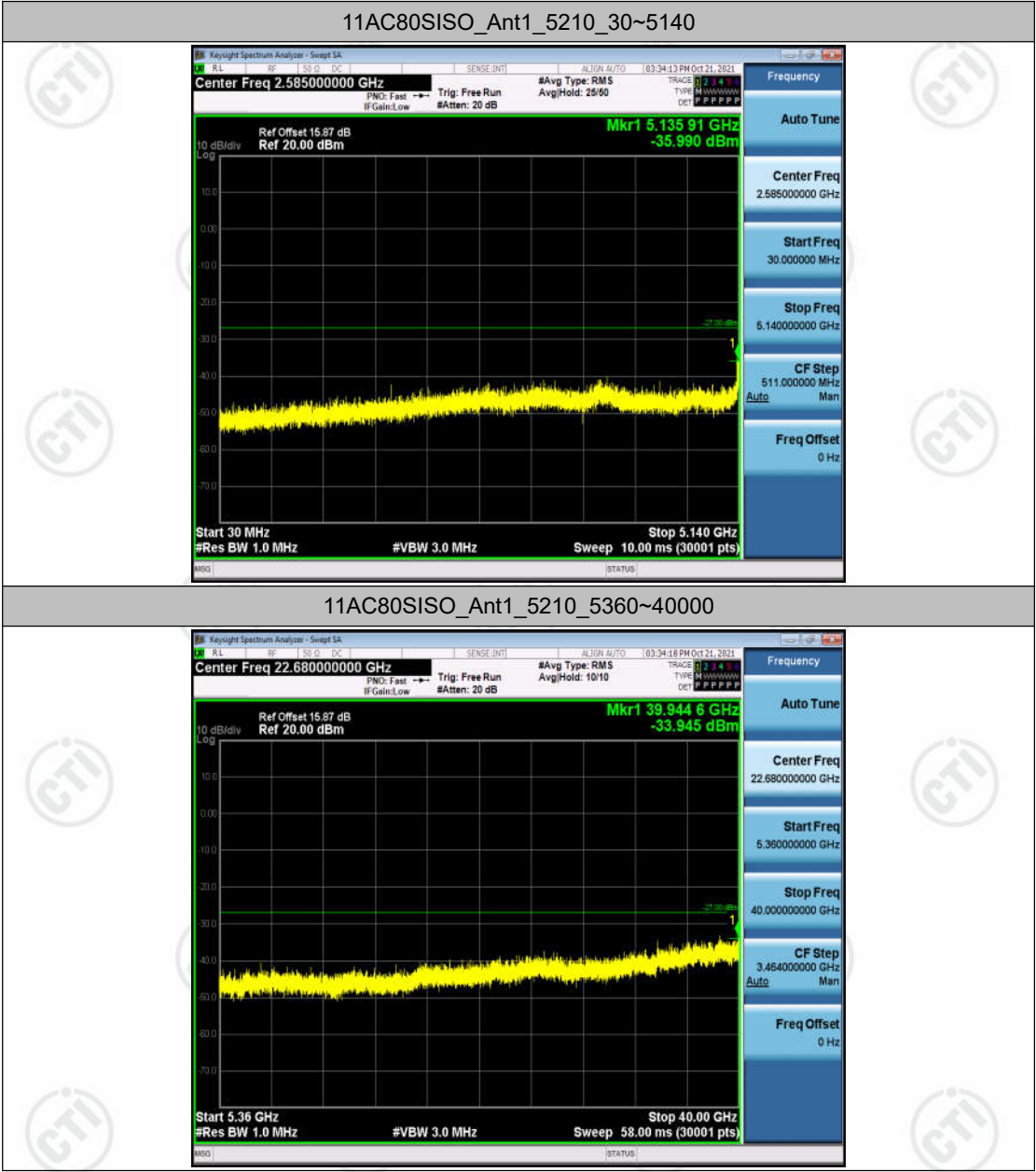


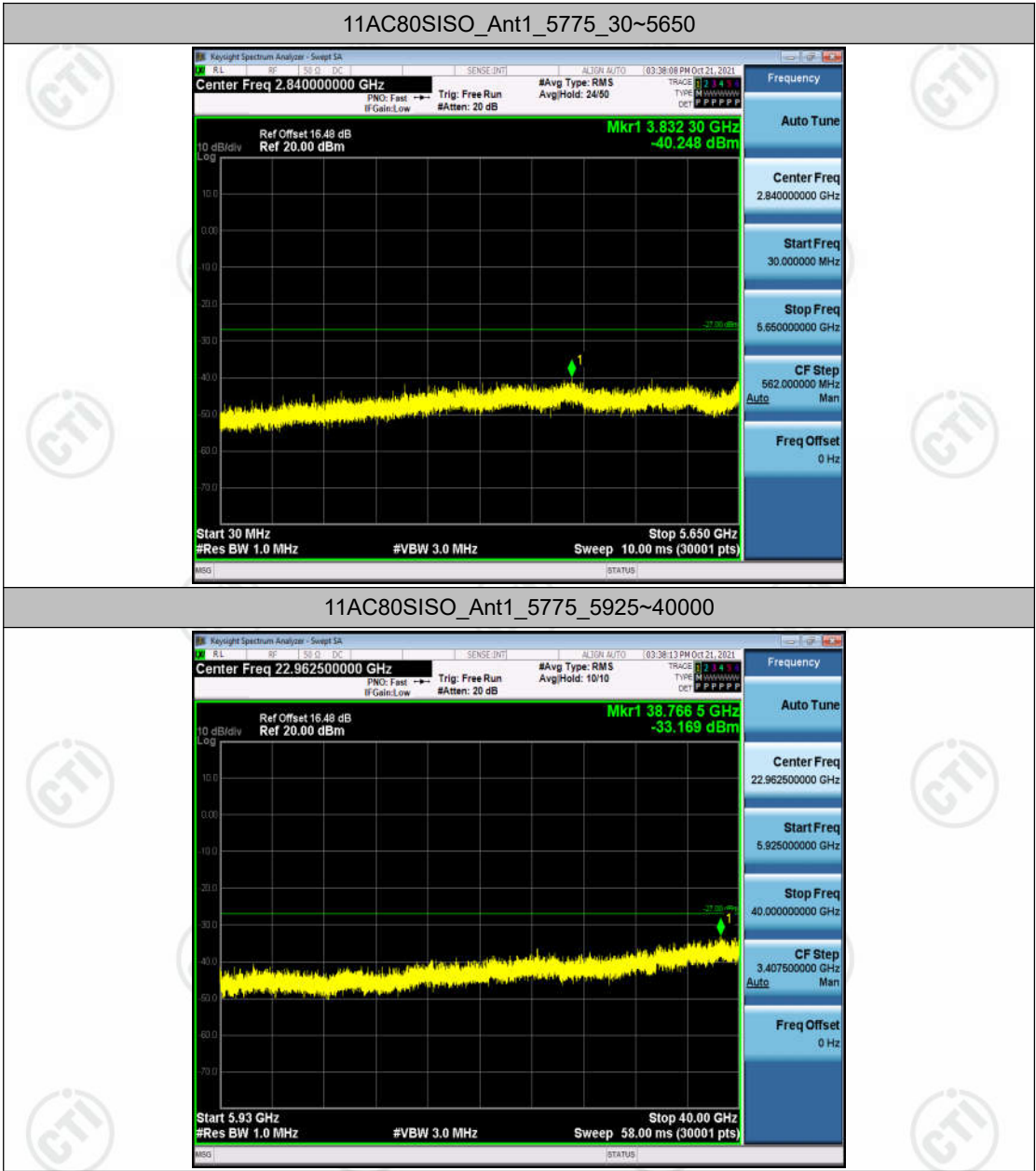












Appendix F: Frequency Stability

Test Result

| Voltage    |         |         |               |                  |                |                 |             |         |
|------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Test Mode  | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A        | Ant1    | 5180    | NV            | NT               | -11000         | -2.123552       | 20          | PASS    |
|            |         |         | LV            | NT               | -11000         | -2.123552       | 20          | PASS    |
|            |         |         | HV            | NT               | -11000         | -2.123552       | 20          | PASS    |
|            |         | 5200    | NV            | NT               | -12000         | -2.307692       | 20          | PASS    |
|            |         |         | LV            | NT               | -12000         | -2.307692       | 20          | PASS    |
|            |         |         | HV            | NT               | -12000         | -2.307692       | 20          | PASS    |
|            |         | 5240    | NV            | NT               | -13000         | -2.480916       | 20          | PASS    |
|            |         |         | LV            | NT               | -13000         | -2.480916       | 20          | PASS    |
|            |         |         | HV            | NT               | -13000         | -2.480916       | 20          | PASS    |
|            |         | 5745    | NV            | NT               | -14000         | -2.436902       | 20          | PASS    |
|            |         |         | LV            | NT               | 75000          | 13.05483        | 20          | PASS    |
|            |         |         | HV            | NT               | -13000         | -2.262837       | 20          | PASS    |
|            |         | 5785    | NV            | NT               | -14000         | -2.420052       | 20          | PASS    |
|            |         |         | LV            | NT               | -14000         | -2.420052       | 20          | PASS    |
|            |         |         | HV            | NT               | -14000         | -2.420052       | 20          | PASS    |
|            |         | 5825    | NV            | NT               | -14000         | -2.403433       | 20          | PASS    |
|            |         |         | LV            | NT               | -15000         | -2.575107       | 20          | PASS    |
|            |         |         | HV            | NT               | -15000         | -2.575107       | 20          | PASS    |
| 11N20 SISO | Ant1    | 5180    | NV            | NT               | -13000         | -2.509653       | 20          | PASS    |
|            |         |         | LV            | NT               | -13000         | -2.509653       | 20          | PASS    |
|            |         |         | HV            | NT               | -13000         | -2.509653       | 20          | PASS    |
|            |         | 5200    | NV            | NT               | -13000         | -2.5            | 20          | PASS    |
|            |         |         | LV            | NT               | -13000         | -2.5            | 20          | PASS    |
|            |         |         | HV            | NT               | -13000         | -2.5            | 20          | PASS    |
|            |         | 5240    | NV            | NT               | -13000         | -2.480916       | 20          | PASS    |
|            |         |         | LV            | NT               | -13000         | -2.480916       | 20          | PASS    |
|            |         |         | HV            | NT               | -13000         | -2.480916       | 20          | PASS    |
|            |         | 5745    | NV            | NT               | -15000         | -2.610966       | 20          | PASS    |
|            |         |         | LV            | NT               | -14000         | -2.436902       | 20          | PASS    |
|            |         |         | HV            | NT               | -15000         | -2.610966       | 20          | PASS    |
|            |         | 5785    | NV            | NT               | -15000         | -2.592913       | 20          | PASS    |
|            |         |         | LV            | NT               | -15000         | -2.592913       | 20          | PASS    |
|            |         |         | HV            | NT               | -15000         | -2.592913       | 20          | PASS    |
|            |         | 5825    | NV            | NT               | -15000         | -2.575107       | 20          | PASS    |

|                |      |      |    |    |        |           |    |      |
|----------------|------|------|----|----|--------|-----------|----|------|
| 11N40<br>SISO  | Ant1 | 5190 | LV | NT | -15000 | -2.575107 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.575107 | 20 | PASS |
|                |      |      | NV | NT | -13000 | -2.504817 | 20 | PASS |
|                |      |      | LV | NT | -13000 | -2.504817 | 20 | PASS |
|                |      |      | HV | NT | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | NT | -13000 | -2.48566  | 20 | PASS |
|                |      | 5230 | LV | NT | -13000 | -2.48566  | 20 | PASS |
|                |      |      | HV | NT | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | NT | -15000 | -2.606429 | 20 | PASS |
|                |      | 5755 | LV | NT | -15000 | -2.606429 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | NT | -15000 | -2.588438 | 20 | PASS |
|                |      | 5795 | LV | NT | -15000 | -2.588438 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | NT | -13000 | -2.509653 | 20 | PASS |
| 11AC2<br>OSISO | Ant1 | 5180 | LV | NT | -13000 | -2.509653 | 20 | PASS |
|                |      |      | HV | NT | -14000 | -2.702703 | 20 | PASS |
|                |      |      | NV | NT | -13000 | -2.5      | 20 | PASS |
|                |      | 5200 | LV | NT | -14000 | -2.692308 | 20 | PASS |
|                |      |      | HV | NT | -13000 | -2.5      | 20 | PASS |
|                |      |      | NV | NT | -14000 | -2.671756 | 20 | PASS |
|                |      | 5240 | LV | NT | -14000 | -2.671756 | 20 | PASS |
|                |      |      | HV | NT | -14000 | -2.671756 | 20 | PASS |
|                |      |      | NV | NT | -15000 | -2.610966 | 20 | PASS |
|                |      | 5745 | LV | NT | -15000 | -2.610966 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.610966 | 20 | PASS |
|                |      |      | NV | NT | -15000 | -2.592913 | 20 | PASS |
|                |      | 5785 | LV | NT | -15000 | -2.592913 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.592913 | 20 | PASS |
|                |      |      | NV | NT | -15000 | -2.575107 | 20 | PASS |
|                |      | 5825 | LV | NT | -15000 | -2.575107 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.575107 | 20 | PASS |
|                |      |      | NV | NT | -13000 | -2.504817 | 20 | PASS |
| 11AC4<br>OSISO | Ant1 | 5190 | LV | NT | -13000 | -2.504817 | 20 | PASS |
|                |      |      | HV | NT | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | NT | -13000 | -2.48566  | 20 | PASS |
|                |      | 5230 | LV | NT | -13000 | -2.48566  | 20 | PASS |
|                |      |      | HV | NT | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | NT | -15000 | -2.606429 | 20 | PASS |
|                |      | 5755 | LV | NT | -15000 | -2.606429 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | NT | -15000 | -2.606429 | 20 | PASS |

|                |      |      |    |    |        |           |    |      |
|----------------|------|------|----|----|--------|-----------|----|------|
| 11AC8<br>0SISO | Ant1 | 5795 | NV | NT | -15000 | -2.588438 | 20 | PASS |
|                |      |      | LV | NT | -15000 | -2.588438 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.588438 | 20 | PASS |
|                |      | 5210 | NV | NT | -13000 | -2.495202 | 20 | PASS |
|                |      |      | LV | NT | -13000 | -2.495202 | 20 | PASS |
|                |      |      | HV | NT | -13000 | -2.495202 | 20 | PASS |
|                |      | 5775 | NV | NT | -15000 | -2.597403 | 20 | PASS |
|                |      |      | LV | NT | -15000 | -2.597403 | 20 | PASS |
|                |      |      | HV | NT | -15000 | -2.597403 | 20 | PASS |

| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Test Mode   | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A         | Ant1    | 5180    | NV            | -30              | -12000         | -2.316602       | 20          | PASS    |
|             |         |         | NV            | -20              | -12000         | -2.316602       | 20          | PASS    |
|             |         |         | NV            | -10              | -12000         | -2.316602       | 20          | PASS    |
|             |         |         | NV            | 0                | -12000         | -2.316602       | 20          | PASS    |
|             |         |         | NV            | 10               | -12000         | -2.316602       | 20          | PASS    |
|             |         |         | NV            | 20               | -12000         | -2.316602       | 20          | PASS    |
|             |         |         | NV            | 30               | -12000         | -2.316602       | 20          | PASS    |
|             |         |         | NV            | 40               | -12000         | -2.316602       | 20          | PASS    |
|             |         | 5200    | NV            | 50               | -12000         | -2.316602       | 20          | PASS    |
|             |         |         | NV            | -30              | -12000         | -2.307692       | 20          | PASS    |
|             |         |         | NV            | -20              | -12000         | -2.307692       | 20          | PASS    |
|             |         |         | NV            | -10              | -12000         | -2.307692       | 20          | PASS    |
|             |         |         | NV            | 0                | -13000         | -2.5            | 20          | PASS    |
|             |         |         | NV            | 10               | -12000         | -2.307692       | 20          | PASS    |
|             |         |         | NV            | 20               | -12000         | -2.307692       | 20          | PASS    |
|             |         |         | NV            | 30               | -13000         | -2.5            | 20          | PASS    |
|             |         |         | NV            | 40               | -13000         | -2.5            | 20          | PASS    |
|             |         |         | NV            | 50               | -13000         | -2.5            | 20          | PASS    |
|             |         | 5240    | NV            | -30              | -13000         | -2.480916       | 20          | PASS    |
|             |         |         | NV            | -20              | -13000         | -2.480916       | 20          | PASS    |
|             |         |         | NV            | -10              | -13000         | -2.480916       | 20          | PASS    |
|             |         |         | NV            | 0                | -13000         | -2.480916       | 20          | PASS    |
|             |         |         | NV            | 10               | -13000         | -2.480916       | 20          | PASS    |
|             |         |         | NV            | 20               | -13000         | -2.480916       | 20          | PASS    |
|             |         |         | NV            | 30               | -13000         | -2.480916       | 20          | PASS    |
|             |         |         | NV            | 40               | -13000         | -2.480916       | 20          | PASS    |
|             |         | 5745    | NV            | 50               | -13000         | -2.480916       | 20          | PASS    |
|             |         |         | NV            | -30              | -13000         | -2.262837       | 20          | PASS    |

|               |      |      |    |     |        |           |    |      |
|---------------|------|------|----|-----|--------|-----------|----|------|
|               |      |      | NV | -20 | -14000 | -2.436902 | 20 | PASS |
|               |      |      | NV | -10 | -14000 | -2.436902 | 20 | PASS |
|               |      |      | NV | 0   | -14000 | -2.436902 | 20 | PASS |
|               |      |      | NV | 10  | -14000 | -2.436902 | 20 | PASS |
|               |      |      | NV | 20  | -14000 | -2.436902 | 20 | PASS |
|               |      |      | NV | 30  | -14000 | -2.436902 | 20 | PASS |
|               |      |      | NV | 40  | -14000 | -2.436902 | 20 | PASS |
|               |      |      | NV | 50  | -14000 | -2.436902 | 20 | PASS |
|               |      | 5785 | NV | -30 | -14000 | -2.420052 | 20 | PASS |
|               |      |      | NV | -20 | -14000 | -2.420052 | 20 | PASS |
|               |      |      | NV | -10 | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 0   | -14000 | -2.420052 | 20 | PASS |
|               |      |      | NV | 10  | -14000 | -2.420052 | 20 | PASS |
|               |      |      | NV | 20  | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 30  | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 40  | -14000 | -2.420052 | 20 | PASS |
|               |      |      | NV | 50  | -14000 | -2.420052 | 20 | PASS |
|               |      | 5825 | NV | -30 | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | -20 | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | -10 | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 0   | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 10  | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 20  | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 30  | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 40  | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 50  | -15000 | -2.575107 | 20 | PASS |
| 11N20<br>SISO | Ant1 | 5180 | NV | -30 | -13000 | -2.509653 | 20 | PASS |
|               |      |      | NV | -20 | -13000 | -2.509653 | 20 | PASS |
|               |      |      | NV | -10 | -13000 | -2.509653 | 20 | PASS |
|               |      |      | NV | 0   | -13000 | -2.509653 | 20 | PASS |
|               |      |      | NV | 10  | -13000 | -2.509653 | 20 | PASS |
|               |      |      | NV | 20  | -13000 | -2.509653 | 20 | PASS |
|               |      |      | NV | 30  | -13000 | -2.509653 | 20 | PASS |
|               |      |      | NV | 40  | -13000 | -2.509653 | 20 | PASS |
|               |      |      | NV | 50  | -13000 | -2.509653 | 20 | PASS |
|               |      | 5200 | NV | -30 | -13000 | -2.5      | 20 | PASS |
|               |      |      | NV | -20 | -13000 | -2.5      | 20 | PASS |
|               |      |      | NV | -10 | -13000 | -2.5      | 20 | PASS |
|               |      |      | NV | 0   | -13000 | -2.5      | 20 | PASS |
|               |      |      | NV | 10  | -13000 | -2.5      | 20 | PASS |
|               |      |      | NV | 20  | -13000 | -2.5      | 20 | PASS |

|               |      |      |    |     |        |           |    |      |
|---------------|------|------|----|-----|--------|-----------|----|------|
|               |      |      | NV | 30  | -13000 | -2.5      | 20 | PASS |
|               |      |      | NV | 40  | -13000 | -2.5      | 20 | PASS |
|               |      |      | NV | 50  | -13000 | -2.5      | 20 | PASS |
|               |      | 5240 | NV | -30 | -13000 | -2.480916 | 20 | PASS |
|               |      |      | NV | -20 | -14000 | -2.671756 | 20 | PASS |
|               |      |      | NV | -10 | -13000 | -2.480916 | 20 | PASS |
|               |      |      | NV | 0   | -13000 | -2.480916 | 20 | PASS |
|               |      |      | NV | 10  | -13000 | -2.480916 | 20 | PASS |
|               |      |      | NV | 20  | -13000 | -2.480916 | 20 | PASS |
|               |      |      | NV | 30  | -13000 | -2.480916 | 20 | PASS |
|               |      |      | NV | 40  | -13000 | -2.480916 | 20 | PASS |
|               |      |      | NV | 50  | -13000 | -2.480916 | 20 | PASS |
|               |      | 5745 | NV | -30 | -15000 | -2.610966 | 20 | PASS |
|               |      |      | NV | -20 | -15000 | -2.610966 | 20 | PASS |
|               |      |      | NV | -10 | -15000 | -2.610966 | 20 | PASS |
|               |      |      | NV | 0   | -15000 | -2.610966 | 20 | PASS |
|               |      |      | NV | 10  | -15000 | -2.610966 | 20 | PASS |
|               |      |      | NV | 20  | -15000 | -2.610966 | 20 | PASS |
|               |      |      | NV | 30  | -15000 | -2.610966 | 20 | PASS |
|               |      |      | NV | 40  | -15000 | -2.610966 | 20 | PASS |
|               |      |      | NV | 50  | -15000 | -2.610966 | 20 | PASS |
|               |      | 5785 | NV | -30 | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | -20 | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | -10 | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 0   | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 10  | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 20  | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 30  | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 40  | -15000 | -2.592913 | 20 | PASS |
|               |      |      | NV | 50  | -15000 | -2.592913 | 20 | PASS |
|               |      | 5825 | NV | -30 | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | -20 | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | -10 | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 0   | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 10  | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 20  | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 30  | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 40  | -15000 | -2.575107 | 20 | PASS |
|               |      |      | NV | 50  | -15000 | -2.575107 | 20 | PASS |
| 11N40<br>SISO | Ant1 | 5190 | NV | -30 | -13000 | -2.504817 | 20 | PASS |
|               |      |      | NV | -20 | -13000 | -2.504817 | 20 | PASS |

|                |      |      |    |     |        |           |    |      |
|----------------|------|------|----|-----|--------|-----------|----|------|
|                |      |      | NV | -10 | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 0   | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 10  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 20  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 30  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 40  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 50  | -13000 | -2.504817 | 20 | PASS |
|                |      | 5230 | NV | -30 | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | -20 | -14000 | -2.676864 | 20 | PASS |
|                |      |      | NV | -10 | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 0   | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 10  | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 20  | -14000 | -2.676864 | 20 | PASS |
|                |      |      | NV | 30  | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 40  | -14000 | -2.676864 | 20 | PASS |
|                |      |      | NV | 50  | -13000 | -2.48566  | 20 | PASS |
|                |      | 5755 | NV | -30 | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | -20 | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | -10 | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 0   | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 10  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 20  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 30  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 40  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 50  | -15000 | -2.606429 | 20 | PASS |
|                |      | 5795 | NV | -30 | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | -20 | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | -10 | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 0   | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 10  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 20  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 30  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 40  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 50  | -15000 | -2.588438 | 20 | PASS |
| 11AC2<br>0SISO | Ant1 | 5180 | NV | -30 | -13000 | -2.509653 | 20 | PASS |
|                |      |      | NV | -20 | -14000 | -2.702703 | 20 | PASS |
|                |      |      | NV | -10 | -14000 | -2.702703 | 20 | PASS |
|                |      |      | NV | 0   | -13000 | -2.509653 | 20 | PASS |
|                |      |      | NV | 10  | -13000 | -2.509653 | 20 | PASS |
|                |      |      | NV | 20  | -14000 | -2.702703 | 20 | PASS |
|                |      |      | NV | 30  | -14000 | -2.702703 | 20 | PASS |

|  |  |      |    |     |        |           |    |      |
|--|--|------|----|-----|--------|-----------|----|------|
|  |  |      | NV | 40  | -13000 | -2.509653 | 20 | PASS |
|  |  |      | NV | 50  | -14000 | -2.702703 | 20 | PASS |
|  |  | 5200 | NV | -30 | -14000 | -2.692308 | 20 | PASS |
|  |  |      | NV | -20 | -13000 | -2.5      | 20 | PASS |
|  |  |      | NV | -10 | -13000 | -2.5      | 20 | PASS |
|  |  |      | NV | 0   | -14000 | -2.692308 | 20 | PASS |
|  |  |      | NV | 10  | -14000 | -2.692308 | 20 | PASS |
|  |  |      | NV | 20  | -13000 | -2.5      | 20 | PASS |
|  |  |      | NV | 30  | -14000 | -2.692308 | 20 | PASS |
|  |  |      | NV | 40  | -14000 | -2.692308 | 20 | PASS |
|  |  |      | NV | 50  | -13000 | -2.5      | 20 | PASS |
|  |  | 5240 | NV | -30 | -14000 | -2.671756 | 20 | PASS |
|  |  |      | NV | -20 | -14000 | -2.671756 | 20 | PASS |
|  |  |      | NV | -10 | -14000 | -2.671756 | 20 | PASS |
|  |  |      | NV | 0   | -14000 | -2.671756 | 20 | PASS |
|  |  |      | NV | 10  | -14000 | -2.671756 | 20 | PASS |
|  |  |      | NV | 20  | -14000 | -2.671756 | 20 | PASS |
|  |  |      | NV | 30  | -13000 | -2.480916 | 20 | PASS |
|  |  |      | NV | 40  | -14000 | -2.671756 | 20 | PASS |
|  |  |      | NV | 50  | -14000 | -2.671756 | 20 | PASS |
|  |  | 5745 | NV | -30 | -15000 | -2.610966 | 20 | PASS |
|  |  |      | NV | -20 | -15000 | -2.610966 | 20 | PASS |
|  |  |      | NV | -10 | -15000 | -2.610966 | 20 | PASS |
|  |  |      | NV | 0   | -15000 | -2.610966 | 20 | PASS |
|  |  |      | NV | 10  | -15000 | -2.610966 | 20 | PASS |
|  |  |      | NV | 20  | -15000 | -2.610966 | 20 | PASS |
|  |  |      | NV | 30  | -15000 | -2.610966 | 20 | PASS |
|  |  |      | NV | 40  | -15000 | -2.610966 | 20 | PASS |
|  |  |      | NV | 50  | -15000 | -2.610966 | 20 | PASS |
|  |  | 5785 | NV | -30 | -15000 | -2.592913 | 20 | PASS |
|  |  |      | NV | -20 | -15000 | -2.592913 | 20 | PASS |
|  |  |      | NV | -10 | -15000 | -2.592913 | 20 | PASS |
|  |  |      | NV | 0   | -15000 | -2.592913 | 20 | PASS |
|  |  |      | NV | 10  | -15000 | -2.592913 | 20 | PASS |
|  |  |      | NV | 20  | -15000 | -2.592913 | 20 | PASS |
|  |  |      | NV | 30  | -15000 | -2.592913 | 20 | PASS |
|  |  |      | NV | 40  | -15000 | -2.592913 | 20 | PASS |
|  |  |      | NV | 50  | -15000 | -2.592913 | 20 | PASS |
|  |  | 5825 | NV | -30 | -15000 | -2.575107 | 20 | PASS |
|  |  |      | NV | -20 | -15000 | -2.575107 | 20 | PASS |
|  |  |      | NV | -10 | -15000 | -2.575107 | 20 | PASS |

|                |      |      |    |     |        |           |    |      |
|----------------|------|------|----|-----|--------|-----------|----|------|
| 11AC4<br>OSISO | Ant1 |      | NV | 0   | -15000 | -2.575107 | 20 | PASS |
|                |      |      | NV | 10  | -15000 | -2.575107 | 20 | PASS |
|                |      |      | NV | 20  | -15000 | -2.575107 | 20 | PASS |
|                |      |      | NV | 30  | -15000 | -2.575107 | 20 | PASS |
|                |      |      | NV | 40  | -15000 | -2.575107 | 20 | PASS |
|                |      |      | NV | 50  | -15000 | -2.575107 | 20 | PASS |
|                |      | 5190 | NV | -30 | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | -20 | -14000 | -2.697495 | 20 | PASS |
|                |      |      | NV | -10 | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 0   | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 10  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 20  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 30  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 40  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | 50  | -13000 | -2.504817 | 20 | PASS |
|                |      |      | NV | -30 | -13000 | -2.48566  | 20 | PASS |
|                |      | 5230 | NV | -20 | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | -10 | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 0   | -14000 | -2.676864 | 20 | PASS |
|                |      |      | NV | 10  | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 20  | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 30  | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 40  | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | 50  | -13000 | -2.48566  | 20 | PASS |
|                |      |      | NV | -30 | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | -20 | -15000 | -2.606429 | 20 | PASS |
|                |      | 5755 | NV | -10 | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 0   | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 10  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 20  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 30  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 40  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | 50  | -15000 | -2.606429 | 20 | PASS |
|                |      |      | NV | -30 | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | -20 | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | -10 | -15000 | -2.588438 | 20 | PASS |
|                |      | 5795 | NV | 0   | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 10  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 20  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 30  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | 40  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | -30 | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | -20 | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | -10 | -15000 | -2.588438 | 20 | PASS |

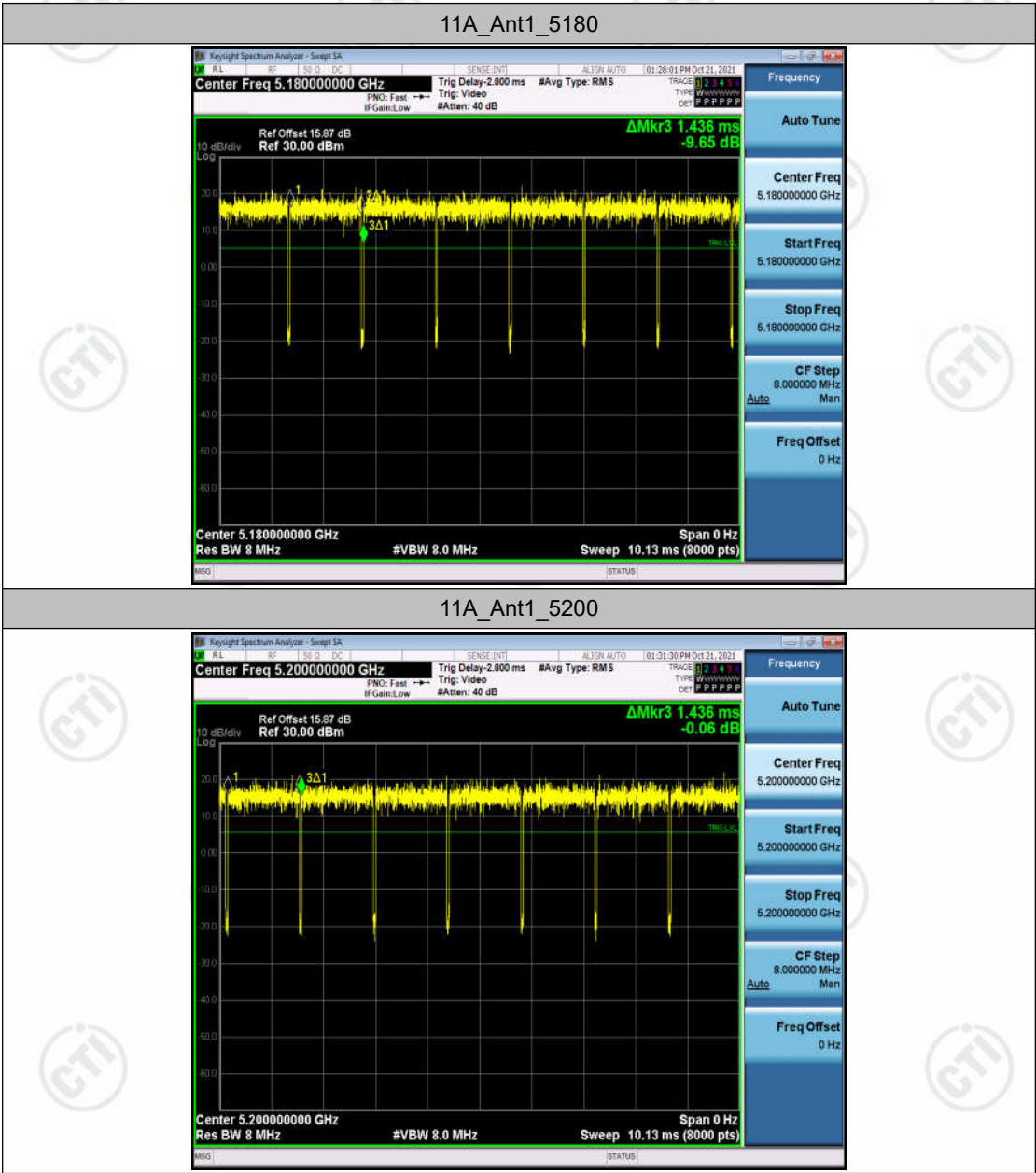
|                |      |      |    |     |        |           |    |      |
|----------------|------|------|----|-----|--------|-----------|----|------|
| 11AC8<br>0SISO | Ant1 | 5210 | NV | 50  | -15000 | -2.588438 | 20 | PASS |
|                |      |      | NV | -30 | -13000 | -2.495202 | 20 | PASS |
|                |      |      | NV | -20 | -13000 | -2.495202 | 20 | PASS |
|                |      |      | NV | -10 | -13000 | -2.495202 | 20 | PASS |
|                |      |      | NV | 0   | -13000 | -2.495202 | 20 | PASS |
|                |      |      | NV | 10  | -13000 | -2.495202 | 20 | PASS |
|                |      |      | NV | 20  | -13000 | -2.495202 | 20 | PASS |
|                |      |      | NV | 30  | -13000 | -2.495202 | 20 | PASS |
|                |      |      | NV | 40  | -13000 | -2.495202 | 20 | PASS |
|                |      |      | NV | 50  | -13000 | -2.495202 | 20 | PASS |
|                |      | 5775 | NV | -30 | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | -20 | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | -10 | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | 0   | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | 10  | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | 20  | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | 30  | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | 40  | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | 50  | -15000 | -2.597403 | 20 | PASS |
|                |      |      | NV | 50  | -15000 | -2.597403 | 20 | PASS |

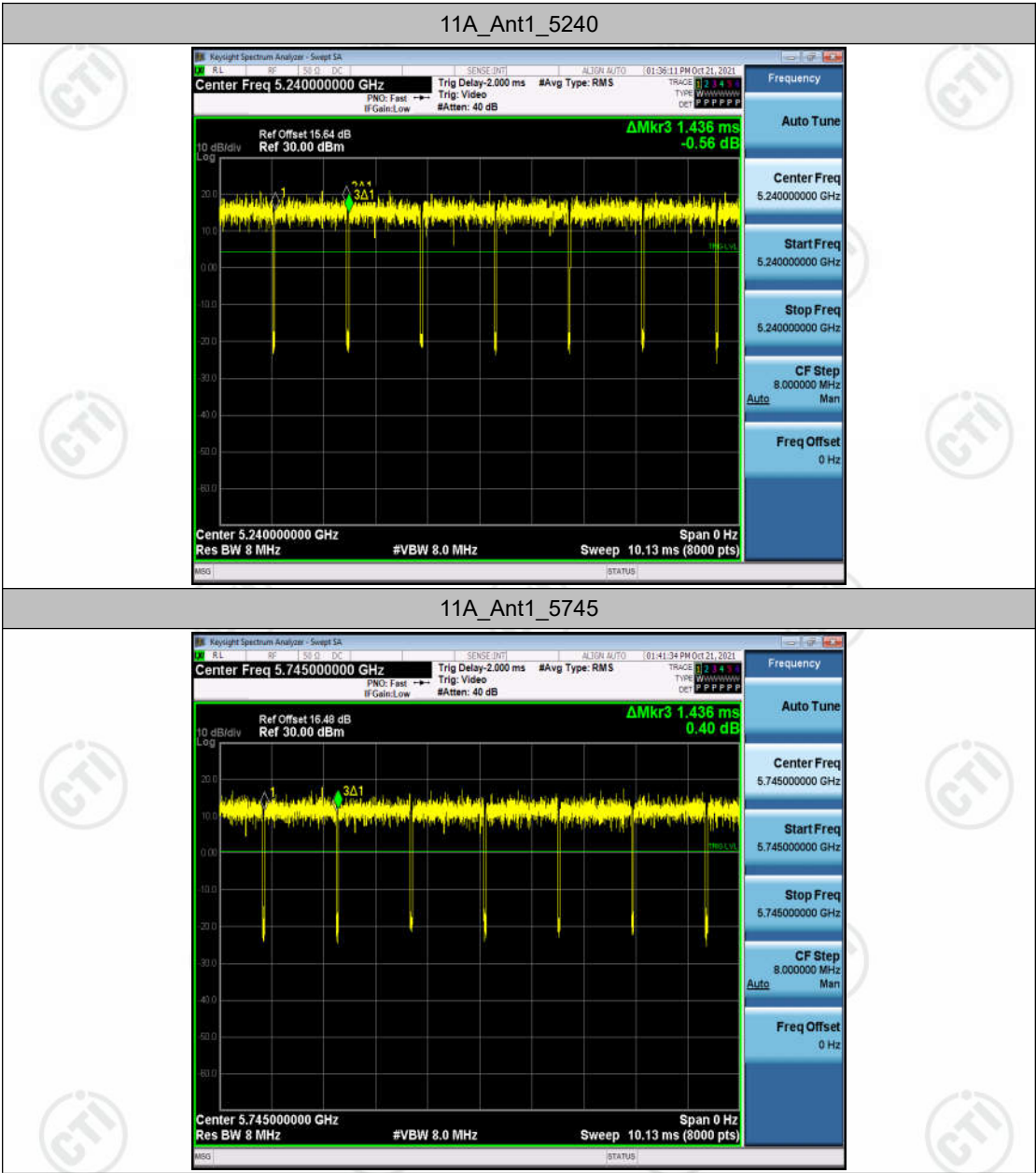
## Appendix G: Duty Cycle

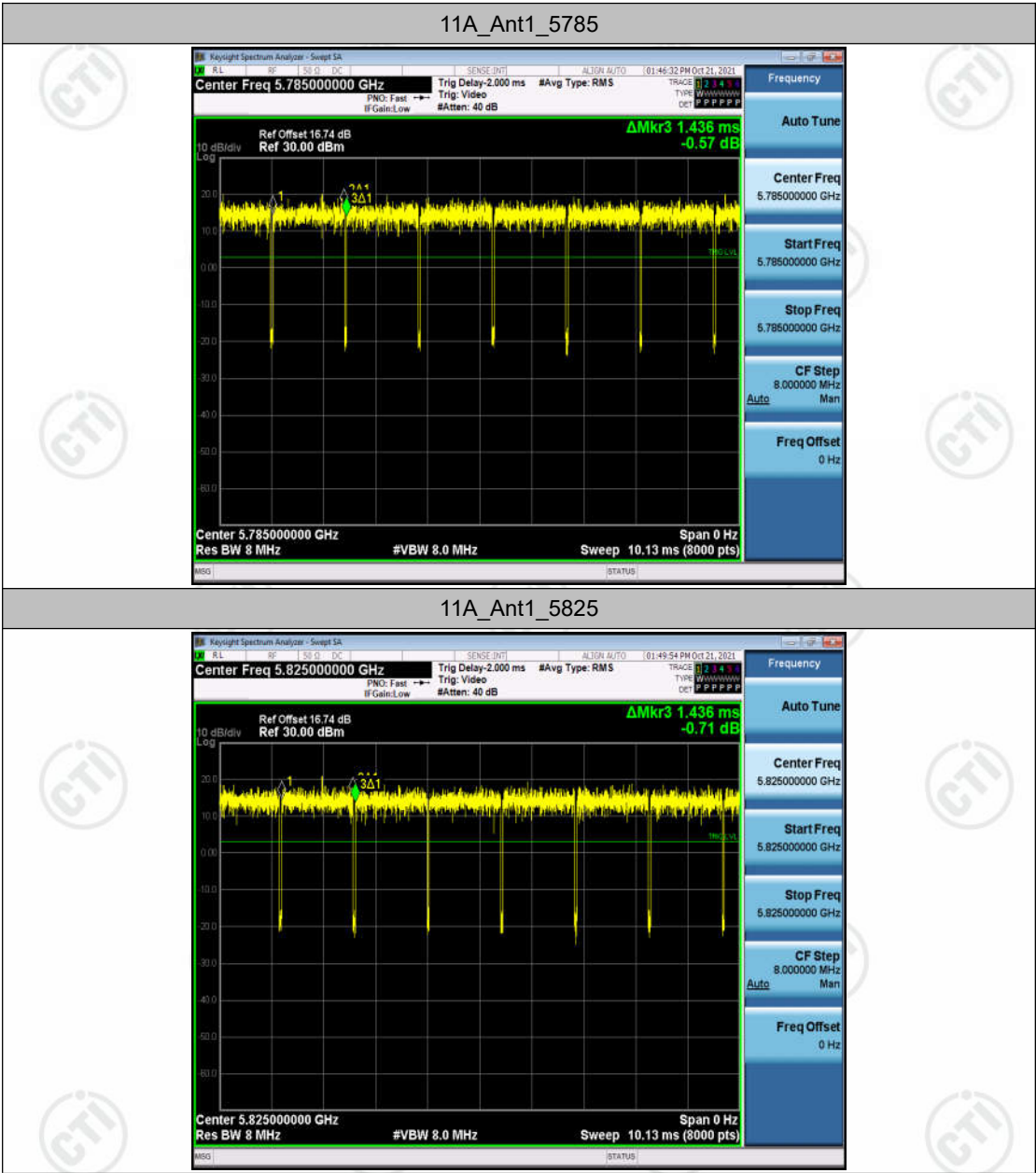
### Test Result

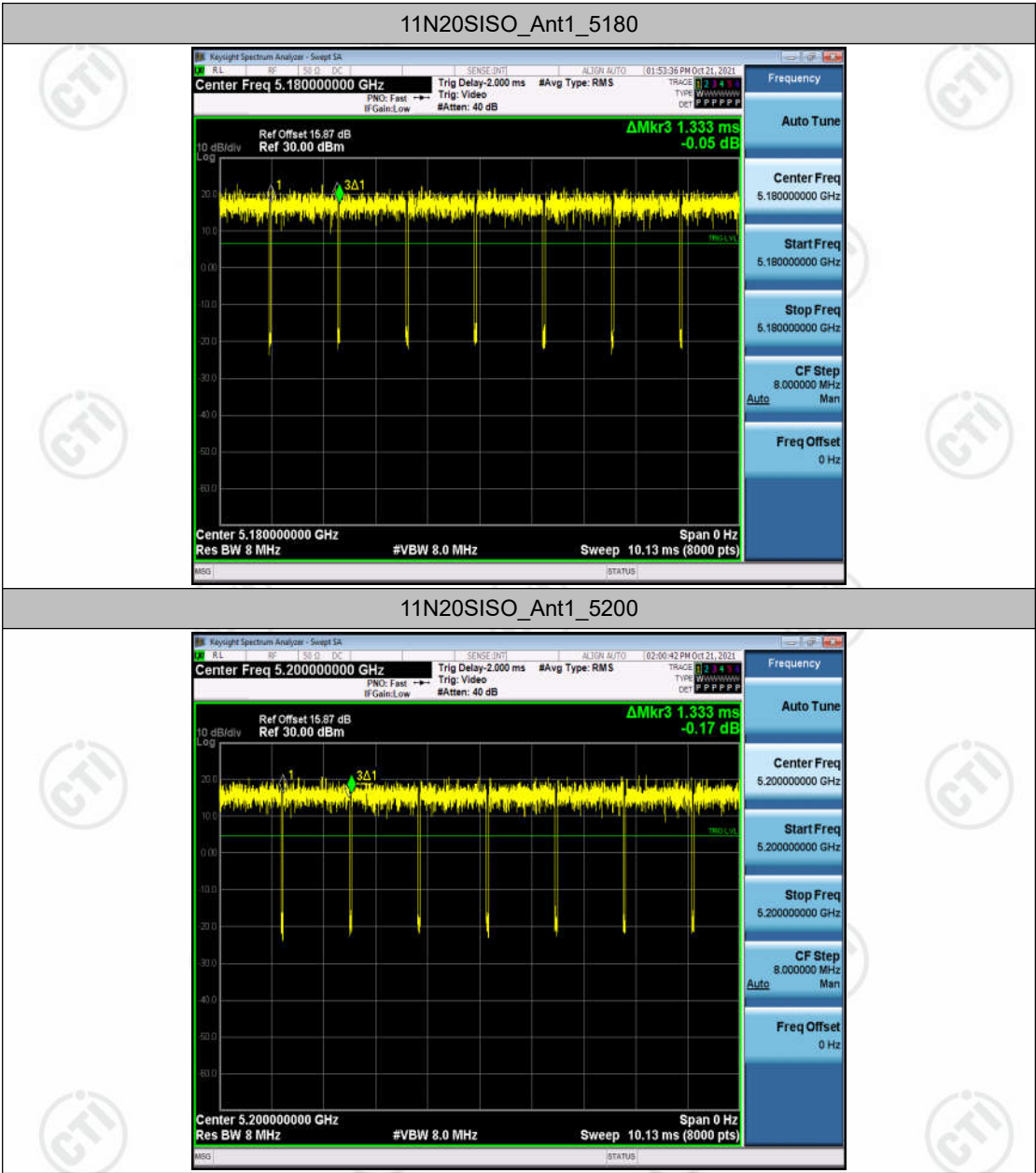
| Test Mode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|------------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| 11A        | Ant1    | 5180    | 1.39                       | 1.44                     | 96.74          | ---   | PASS    |
|            |         | 5200    | 1.39                       | 1.44                     | 96.74          | ---   | PASS    |
|            |         | 5240    | 1.39                       | 1.44                     | 96.74          | ---   | PASS    |
|            |         | 5745    | 1.39                       | 1.44                     | 96.74          | ---   | PASS    |
|            |         | 5785    | 1.39                       | 1.44                     | 96.74          | ---   | PASS    |
|            |         | 5825    | 1.39                       | 1.44                     | 96.74          | ---   | PASS    |
| 11N20SISO  | Ant1    | 5180    | 1.29                       | 1.33                     | 96.48          | ---   | PASS    |
|            |         | 5200    | 1.29                       | 1.33                     | 96.48          | ---   | PASS    |
|            |         | 5240    | 1.29                       | 1.33                     | 96.48          | ---   | PASS    |
|            |         | 5745    | 1.28                       | 1.33                     | 96.39          | ---   | PASS    |
|            |         | 5785    | 1.29                       | 1.33                     | 96.48          | ---   | PASS    |
|            |         | 5825    | 1.29                       | 1.33                     | 96.48          | ---   | PASS    |
| 11N40SISO  | Ant1    | 5190    | 0.63                       | 0.68                     | 93.11          | ---   | PASS    |
|            |         | 5230    | 0.63                       | 0.68                     | 93.11          | ---   | PASS    |
|            |         | 5755    | 0.63                       | 0.68                     | 93.11          | ---   | PASS    |
|            |         | 5795    | 0.63                       | 0.68                     | 93.28          | ---   | PASS    |
| 11AC20SISO | Ant1    | 5180    | 1.31                       | 1.36                     | 96.55          | ---   | PASS    |
|            |         | 5200    | 1.31                       | 1.36                     | 96.55          | ---   | PASS    |
|            |         | 5240    | 1.31                       | 1.36                     | 96.55          | ---   | PASS    |
|            |         | 5745    | 1.31                       | 1.36                     | 96.55          | ---   | PASS    |
|            |         | 5785    | 1.31                       | 1.36                     | 96.55          | ---   | PASS    |
|            |         | 5825    | 1.31                       | 1.36                     | 96.55          | ---   | PASS    |
| 11AC40SISO | Ant1    | 5190    | 0.65                       | 0.70                     | 93.27          | ---   | PASS    |
|            |         | 5230    | 0.65                       | 0.70                     | 93.27          | ---   | PASS    |
|            |         | 5755    | 0.65                       | 0.70                     | 93.27          | ---   | PASS    |
|            |         | 5795    | 0.65                       | 0.70                     | 93.27          | ---   | PASS    |
| 11AC80SISO | Ant1    | 5210    | 0.32                       | 0.37                     | 87.29          | ---   | PASS    |
|            |         | 5775    | 0.32                       | 0.37                     | 87.59          | ---   | PASS    |

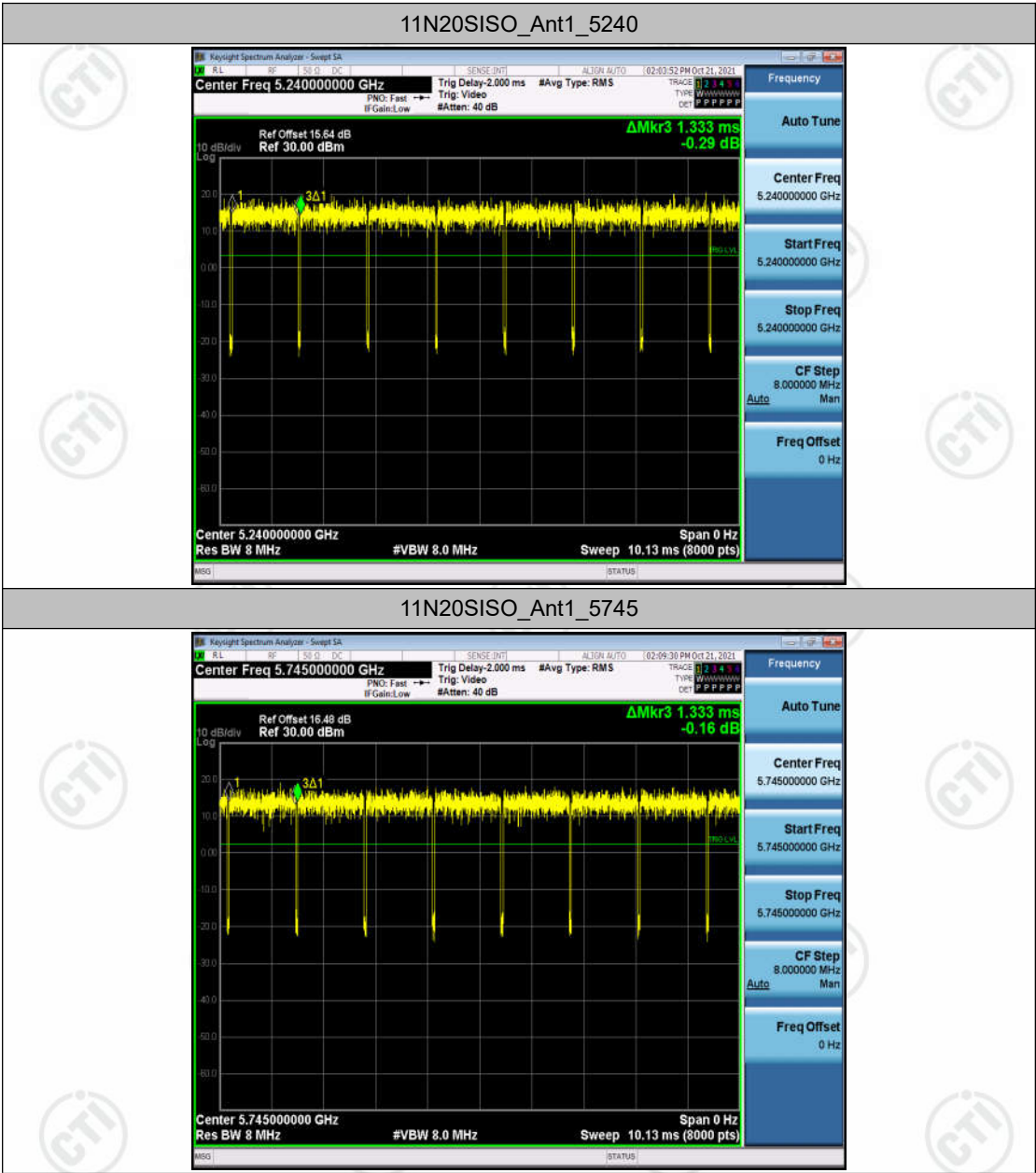
Test Graphs

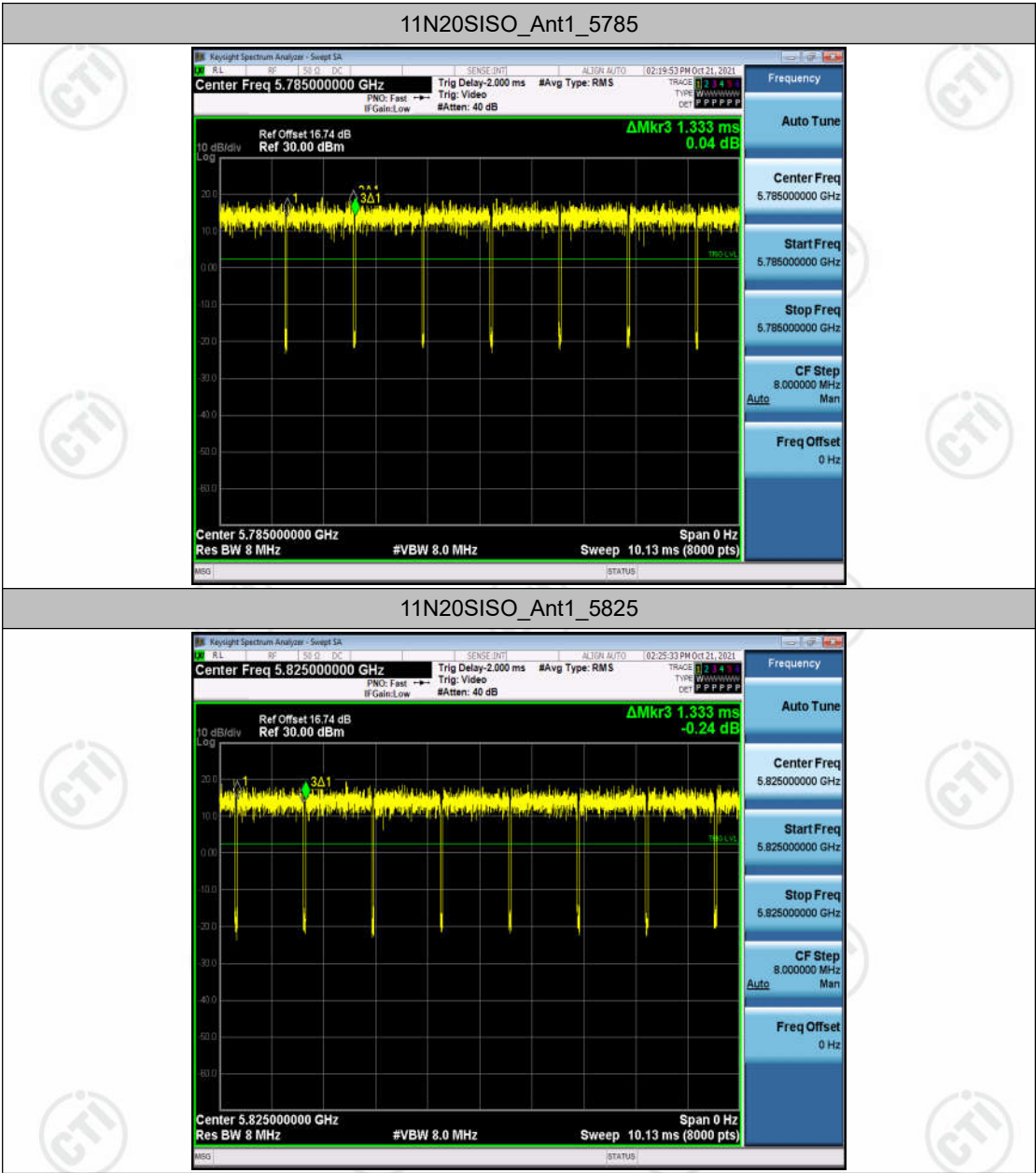


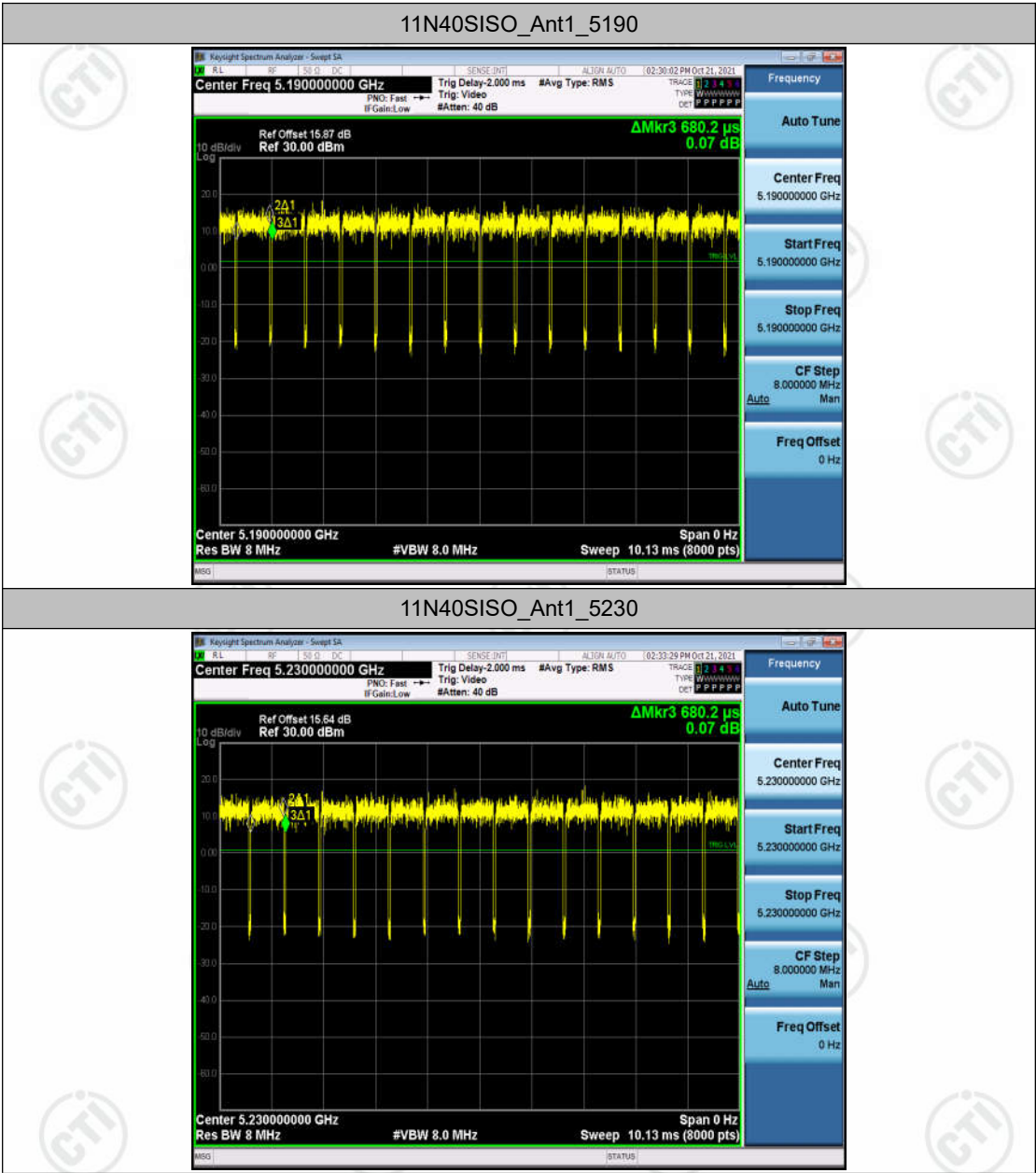


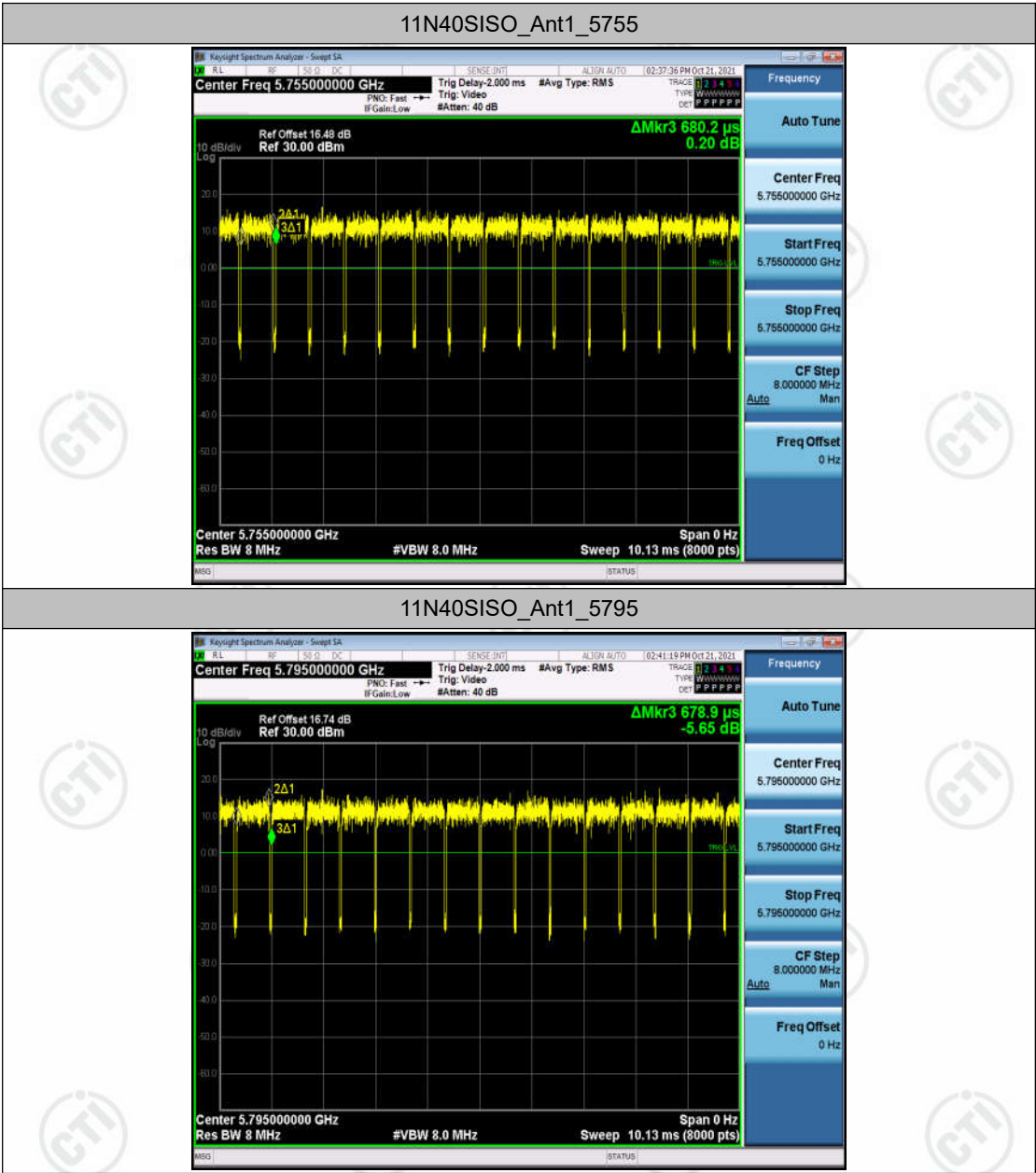


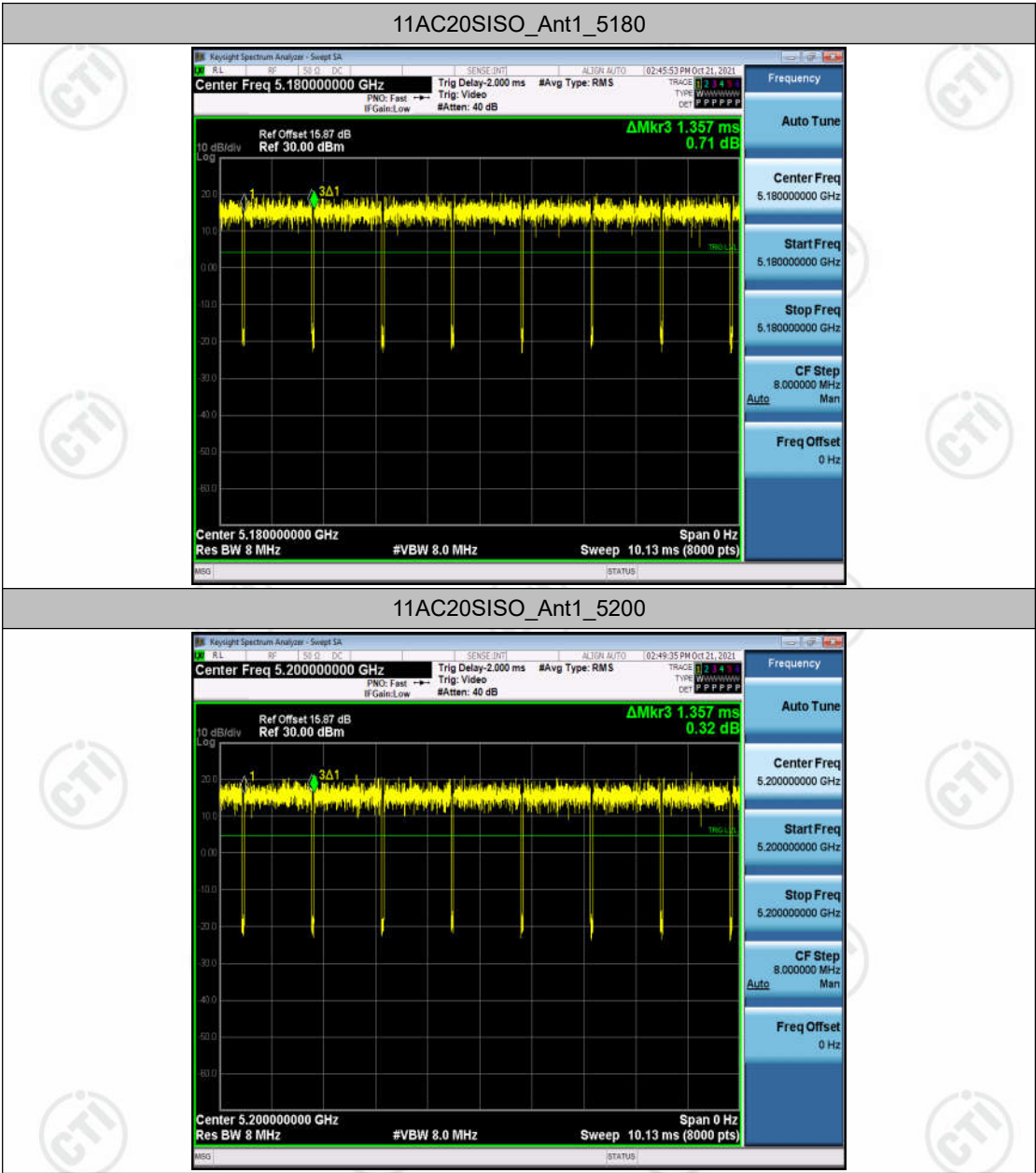


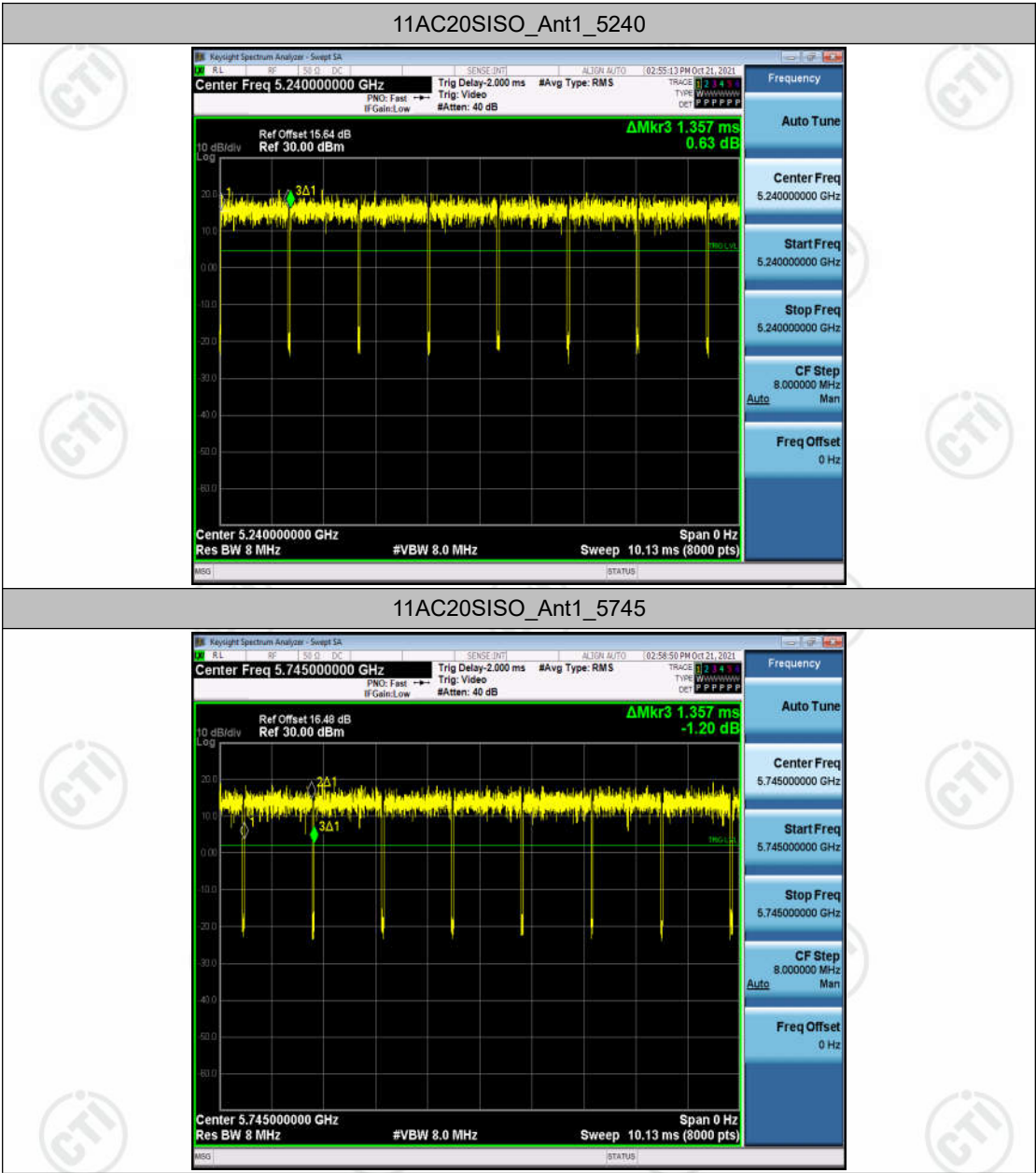


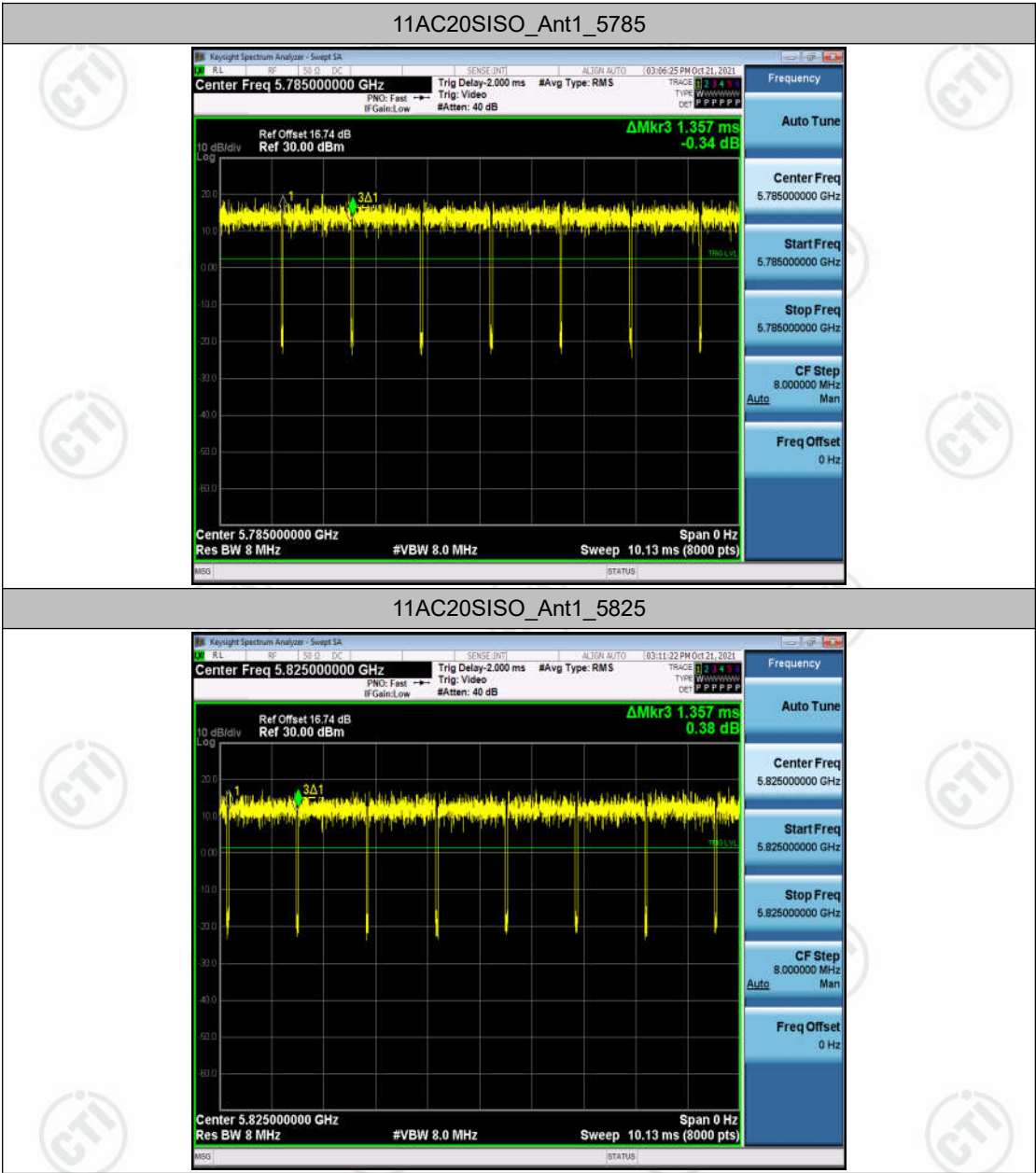


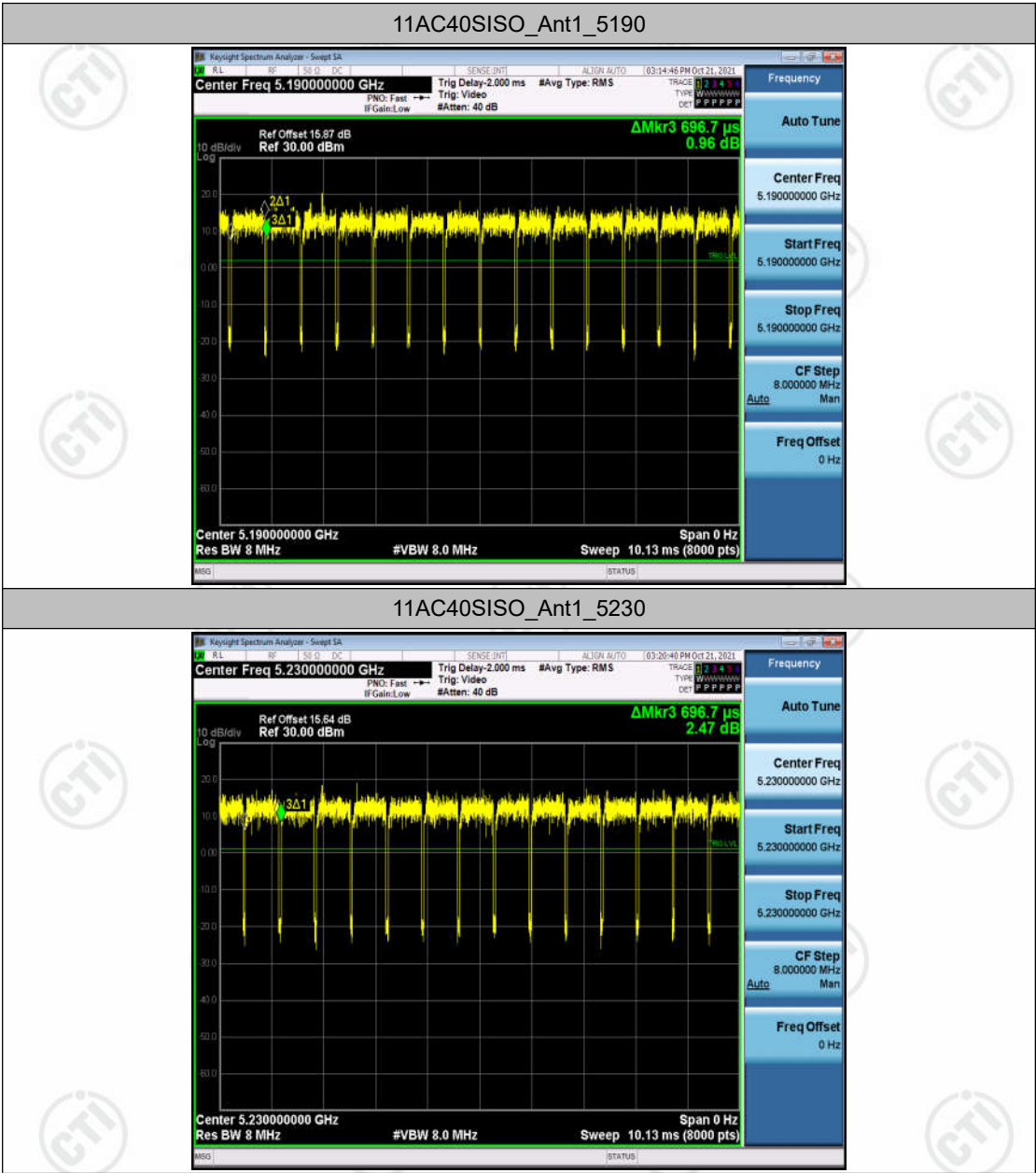


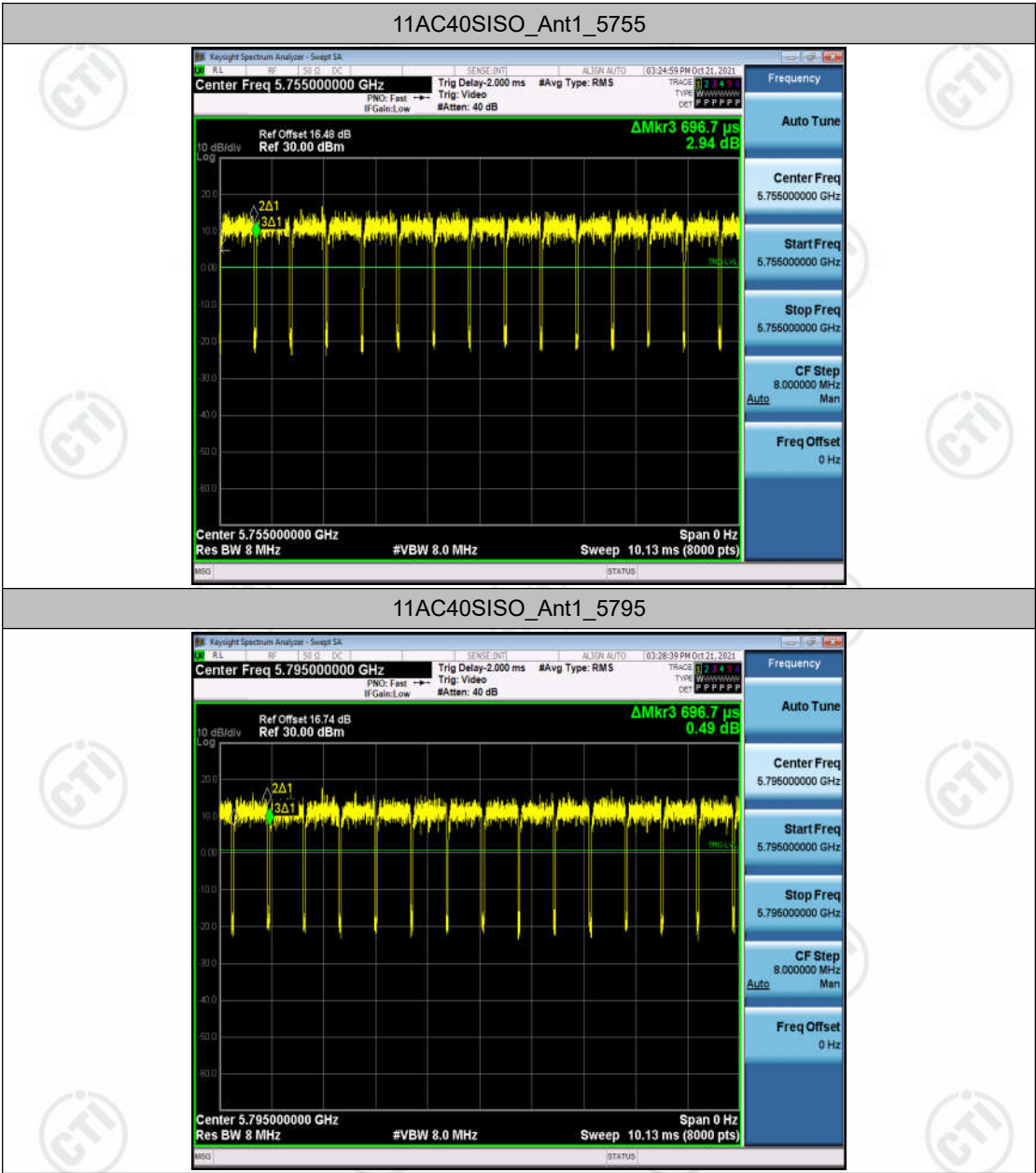


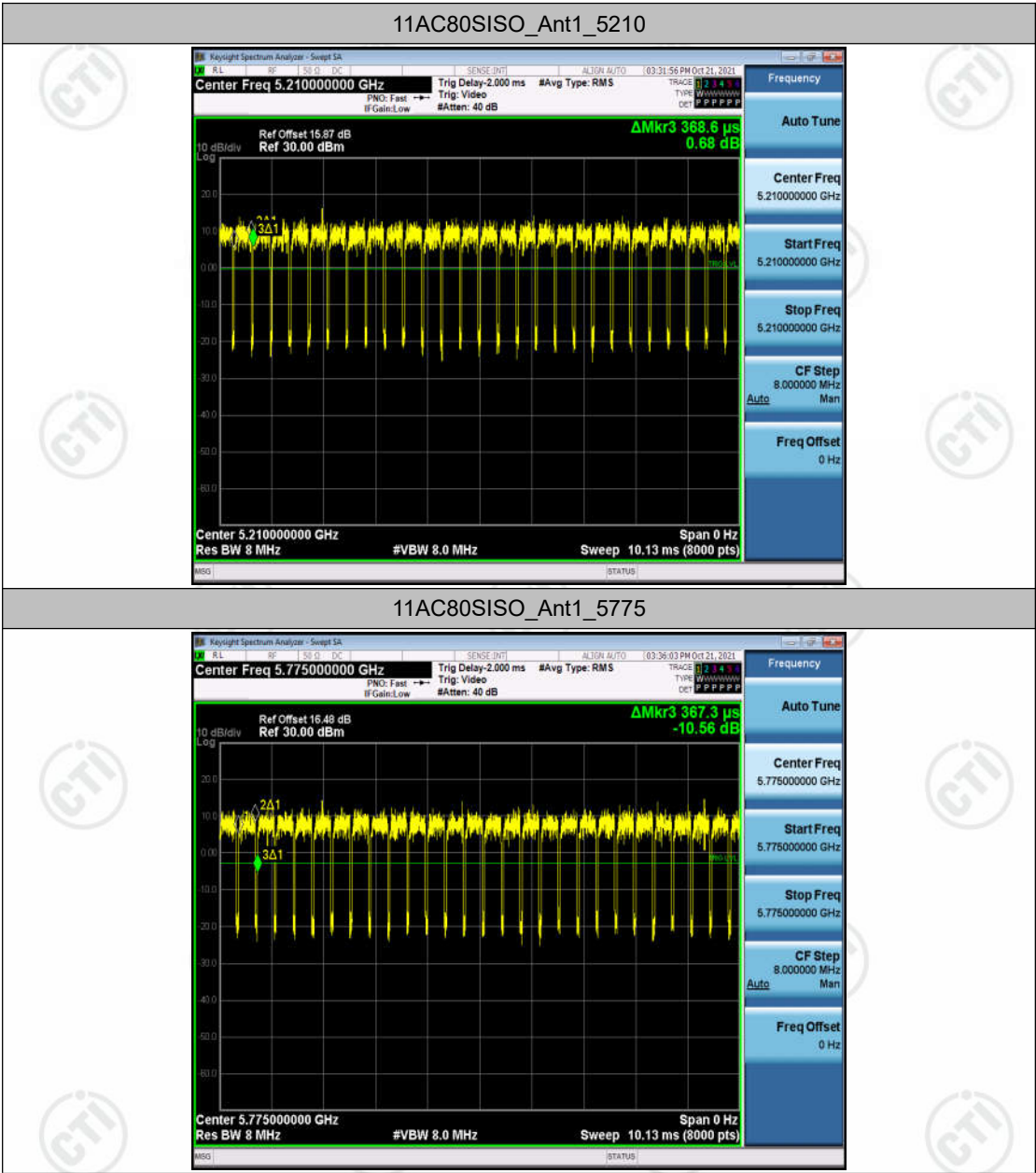












\*\*\* End of Report \*\*\*