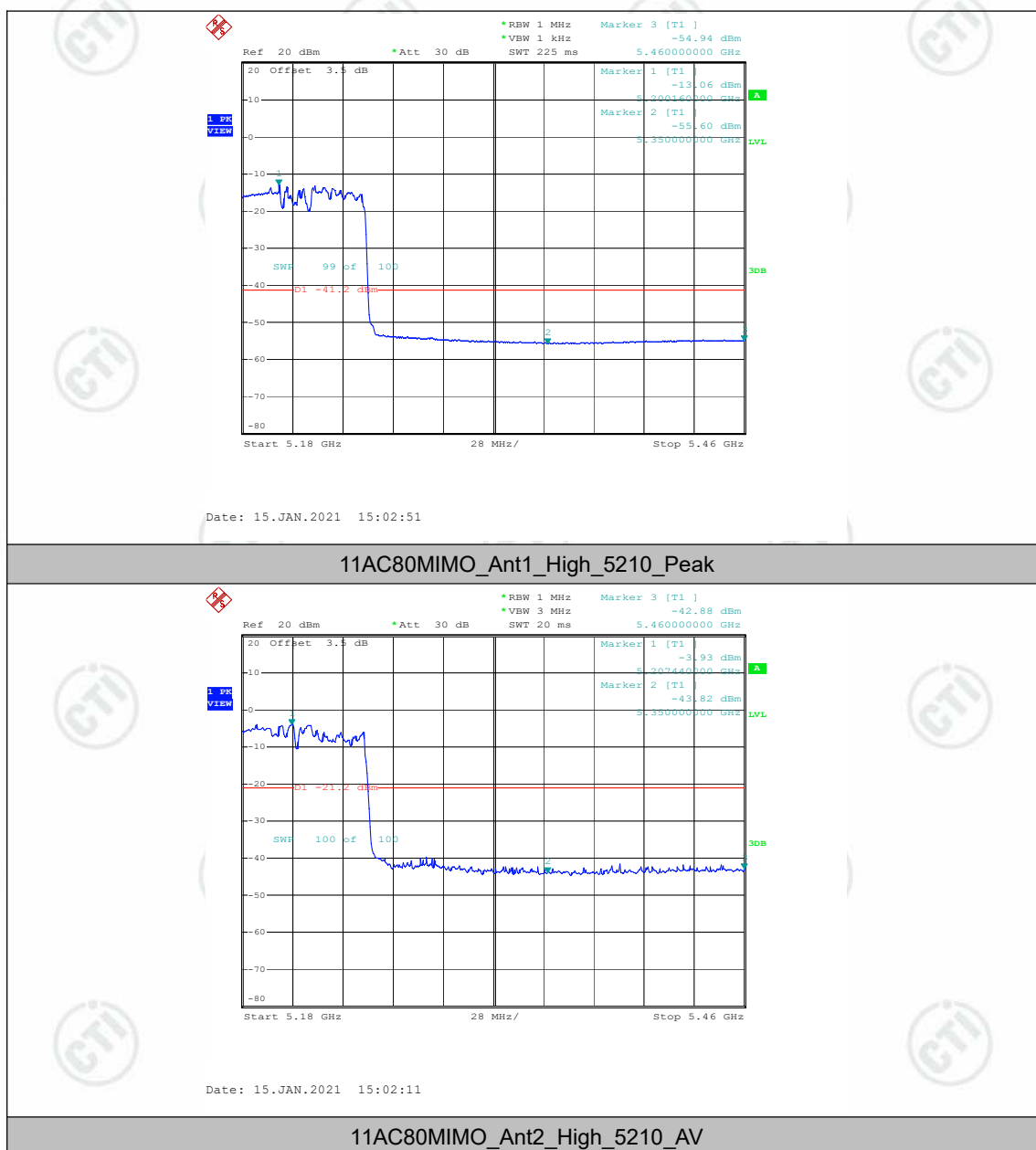
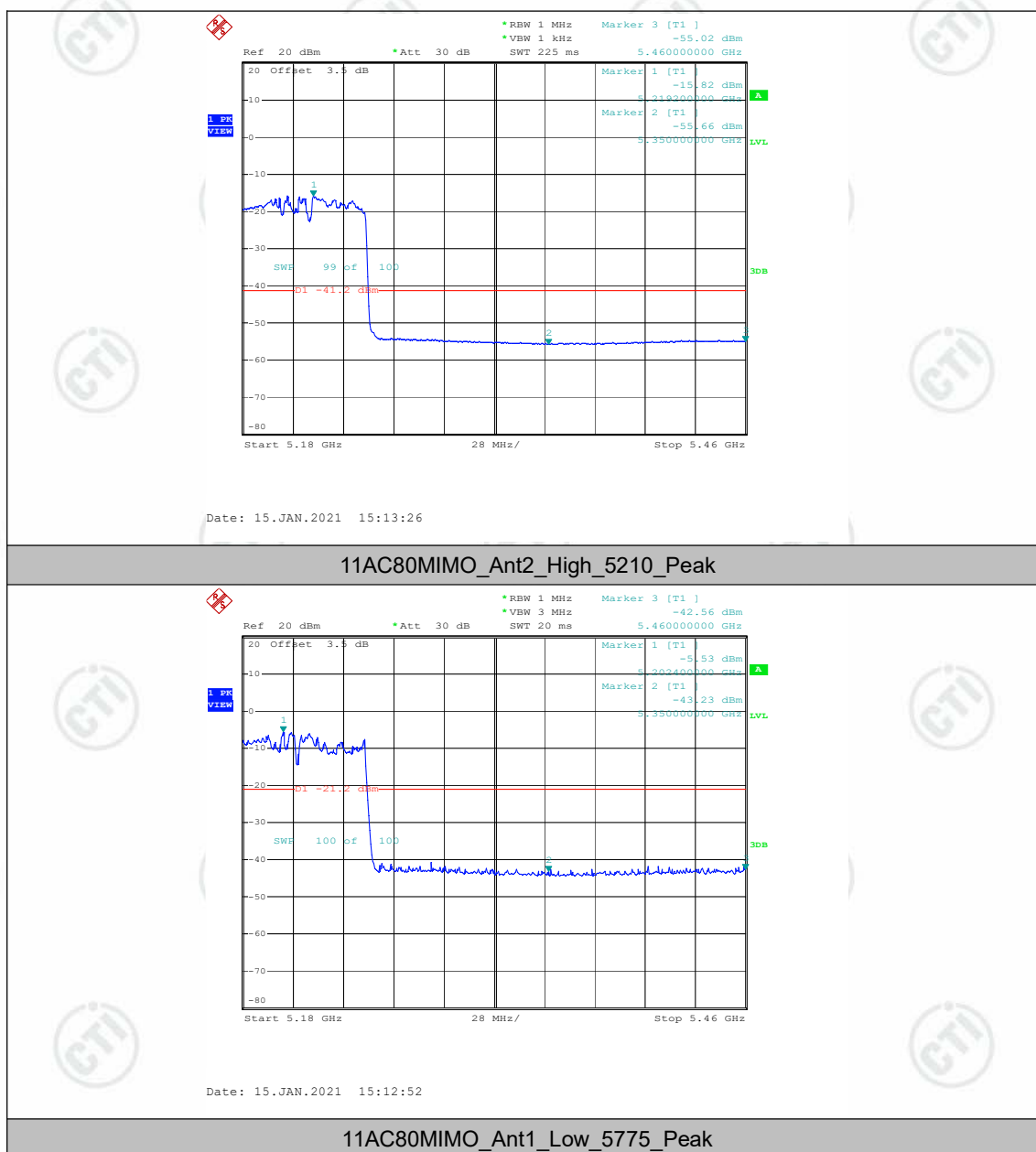
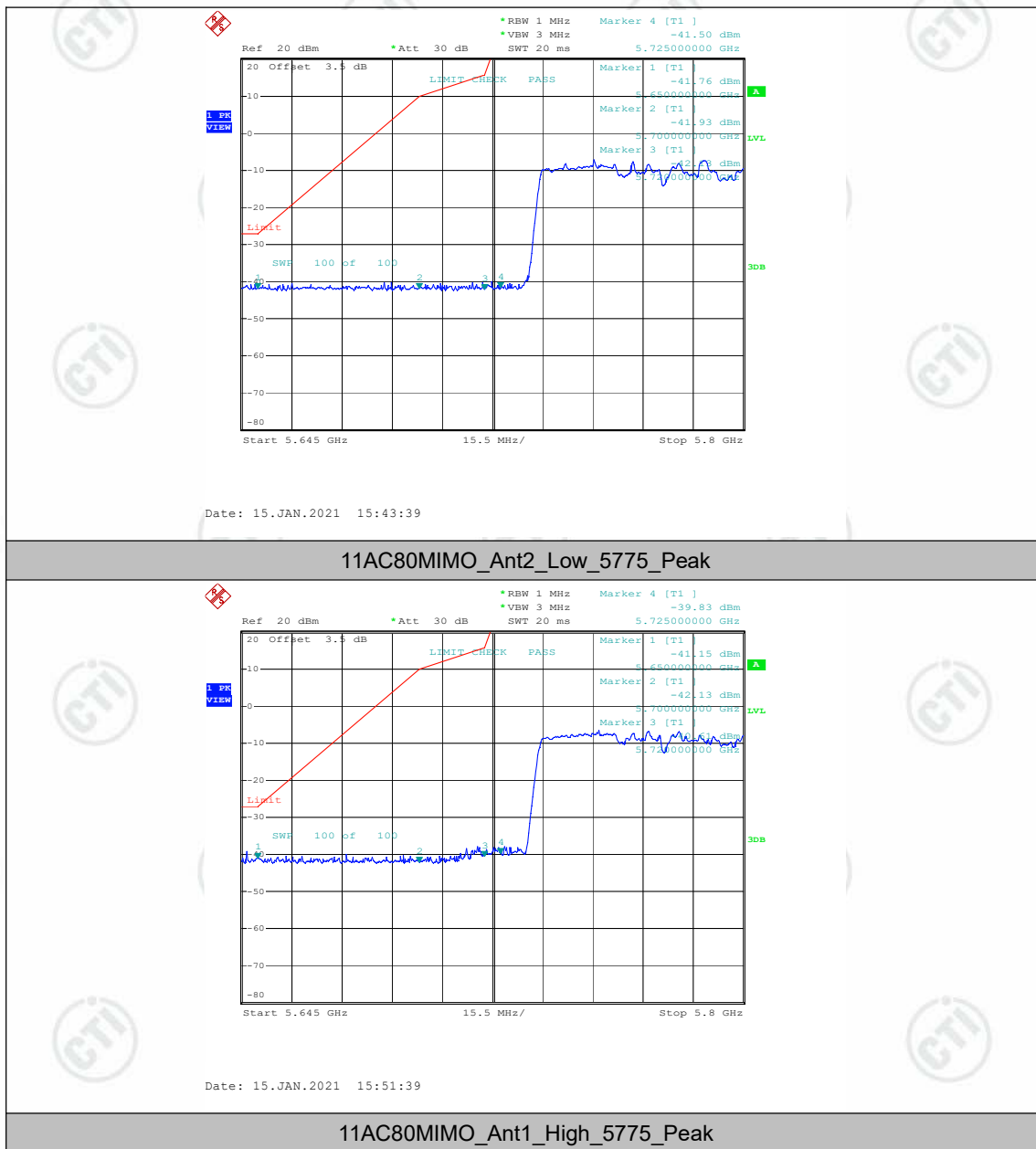
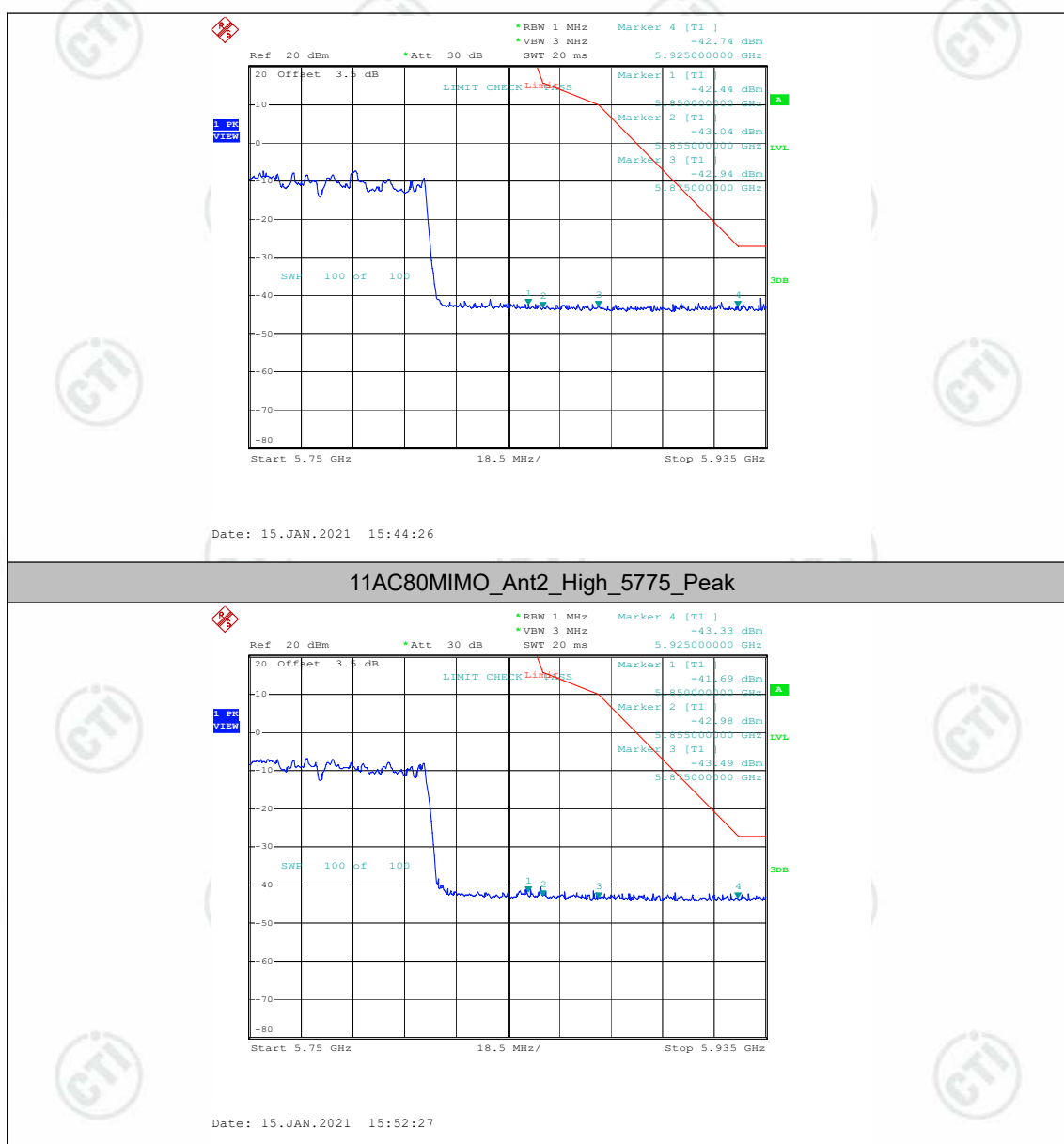










## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | Max. Fre<br>[MHz] | Max. Level<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|---------------------|----------------|---------|
|          |         |         | 5360~4000<br>0     | 37367.36          | -35.06              | <=-27          | PASS    |
|          |         |         | 30~5140            | 326.38            | -49.2               | <=-27          | PASS    |
|          | Ant2    | 5180    | 5360~4000<br>0     | 34388.32          | -34.39              | <=-27          | PASS    |
|          |         |         | 30~5140            | 5088.9            | -50.69              | <=-27          | PASS    |
|          | Ant1    | 5200    | 5360~4000<br>0     | 34388.32          | -34.58              | <=-27          | PASS    |
|          |         |         | 30~5140            | 346.82            | -48.98              | <=-27          | PASS    |
|          | Ant2    | 5200    | 5360~4000<br>0     | 37367.36          | -34.56              | <=-27          | PASS    |
|          |         |         | 30~5140            | 5109.34           | -51.1               | <=-27          | PASS    |
|          | Ant1    | 5240    | 5360~4000<br>0     | 38822.24          | -34.32              | <=-27          | PASS    |
|          |         |         | 30~5140            | 336.6             | -49.07              | <=-27          | PASS    |
|          | Ant2    | 5240    | 5360~4000<br>0     | 34388.32          | -34.25              | <=-27          | PASS    |
|          |         |         | 30~5650            | 3829.12           | -51.68              | <=-27          | PASS    |
|          | Ant1    | 5745    | 5925~4000<br>0     | 37410.3           | -34.99              | <=-27          | PASS    |
|          |         |         | 30~5650            | 333.48            | -48.54              | <=-27          | PASS    |
|          | Ant2    | 5745    | 5925~4000<br>0     | 38841.45          | -34.83              | <=-27          | PASS    |
|          |         |         | 30~5650            | 3862.84           | -50.09              | <=-27          | PASS    |
|          | Ant1    | 5785    | 5925~4000<br>0     | 37342.15          | -34.81              | <=-27          | PASS    |
|          |         |         | 30~5650            | 333.48            | -48.74              | <=-27          | PASS    |
|          | Ant2    | 5785    | 5925~4000<br>0     | 35842.85          | -35.03              | <=-27          | PASS    |
|          |         |         | 30~5650            | 3885.32           | -50.34              | <=-27          | PASS    |
|          | Ant1    | 5825    | 5925~4000<br>0     | 37410.3           | -33.95              | <=-27          | PASS    |
|          |         |         | 30~5650            | 344.72            | -48.82              | <=-27          | PASS    |

|               |      |      |                |          |        |       |      |
|---------------|------|------|----------------|----------|--------|-------|------|
|               |      |      | 5925~4000<br>0 | 38841.45 | -35.29 | <=-27 | PASS |
| 11N20SIS<br>O | Ant1 | 5180 | 30~5140        | 5078.68  | -51.27 | <=-27 | PASS |
|               |      |      | 5360~4000<br>0 | 37505.92 | -33.82 | <=-27 | PASS |
|               | Ant2 | 5180 | 30~5140        | 336.6    | -48.99 | <=-27 | PASS |
|               |      |      | 5360~4000<br>0 | 38891.52 | -35.45 | <=-27 | PASS |
|               | Ant1 | 5200 | 30~5140        | 5109.34  | -51.69 | <=-27 | PASS |
|               |      |      | 5360~4000<br>0 | 38822.24 | -34.14 | <=-27 | PASS |
|               | Ant2 | 5200 | 30~5140        | 336.6    | -48.83 | <=-27 | PASS |
|               |      |      | 5360~4000<br>0 | 37367.36 | -34.78 | <=-27 | PASS |
|               | Ant1 | 5240 | 30~5140        | 5078.68  | -51.07 | <=-27 | PASS |
|               |      |      | 5360~4000<br>0 | 37436.64 | -34.98 | <=-27 | PASS |
|               | Ant2 | 5240 | 30~5140        | 336.6    | -48.41 | <=-27 | PASS |
|               |      |      | 5360~4000<br>0 | 37367.36 | -35.2  | <=-27 | PASS |
|               | Ant1 | 5745 | 30~5650        | 3829.12  | -51.5  | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 34343.55 | -34.77 | <=-27 | PASS |
|               | Ant2 | 5745 | 30~5650        | 333.48   | -49.05 | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 37205.85 | -35.17 | <=-27 | PASS |
|               | Ant1 | 5785 | 30~5650        | 3862.84  | -50.53 | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 37410.3  | -34.54 | <=-27 | PASS |
|               | Ant2 | 5785 | 30~5650        | 344.72   | -49.29 | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 36047.3  | -34.8  | <=-27 | PASS |
|               | Ant1 | 5825 | 30~5650        | 3885.32  | -51.11 | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 38909.6  | -34.63 | <=-27 | PASS |
|               | Ant2 | 5825 | 30~5650        | 333.48   | -48.77 | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 34343.55 | -35.33 | <=-27 | PASS |
| 11N40SIS      | Ant1 | 5190 | 30~5140        | 5129.78  | -50.8  | <=-27 | PASS |

|                |      |      |                |          |        |       |      |
|----------------|------|------|----------------|----------|--------|-------|------|
| O              |      |      | 5360~4000<br>0 | 38822.24 | -34.75 | <=-27 | PASS |
|                | Ant2 | 5190 | 30~5140        | 336.6    | -49.81 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37298.08 | -35.05 | <=-27 | PASS |
|                | Ant1 | 5230 | 30~5140        | 5099.12  | -51.97 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 34388.32 | -34.67 | <=-27 | PASS |
|                | Ant2 | 5230 | 30~5140        | 346.82   | -49.83 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37298.08 | -34.56 | <=-27 | PASS |
|                | Ant1 | 5755 | 30~5650        | 5605.04  | -52.51 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38841.45 | -34.73 | <=-27 | PASS |
|                | Ant2 | 5755 | 30~5650        | 344.72   | -50.09 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 37342.15 | -35    | <=-27 | PASS |
|                | Ant1 | 5795 | 30~5650        | 3862.84  | -51.49 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 37478.45 | -34.44 | <=-27 | PASS |
|                | Ant2 | 5795 | 30~5650        | 333.48   | -50.09 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 35979.15 | -34.68 | <=-27 | PASS |
| 11AC20SI<br>SO | Ant1 | 5180 | 30~5140        | 5140     | -51.76 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37367.36 | -34.94 | <=-27 | PASS |
|                | Ant2 | 5180 | 30~5140        | 336.6    | -49.88 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37367.36 | -33.33 | <=-27 | PASS |
|                | Ant1 | 5200 | 30~5140        | 3698.98  | -52.85 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37367.36 | -34.67 | <=-27 | PASS |
|                | Ant2 | 5200 | 30~5140        | 346.82   | -49.57 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 34319.04 | -34.35 | <=-27 | PASS |
|                | Ant1 | 5240 | 30~5140        | 3290.18  | -53.56 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 38822.24 | -34.59 | <=-27 | PASS |
|                | Ant2 | 5240 | 30~5140        | 336.6    | -50.05 | <=-27 | PASS |

|                |      |      |                |          |        |       |      |
|----------------|------|------|----------------|----------|--------|-------|------|
| 11AC40SI<br>SO | Ant1 | 5745 | 5360~4000<br>0 | 35912.48 | -34.78 | <=-27 | PASS |
|                |      |      | 30~5650        | 3829.12  | -51.73 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38773.3  | -34.53 | <=-27 | PASS |
|                | Ant2 | 5745 | 30~5650        | 333.48   | -49.82 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 37274    | -35.01 | <=-27 | PASS |
|                | Ant1 | 5785 | 30~5650        | 3862.84  | -51.45 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 37342.15 | -33.8  | <=-27 | PASS |
|                | Ant2 | 5785 | 30~5650        | 344.72   | -49.87 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38773.3  | -34.75 | <=-27 | PASS |
|                | Ant1 | 5825 | 30~5650        | 3885.32  | -52.07 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38841.45 | -32.74 | <=-27 | PASS |
|                | Ant2 | 5825 | 30~5650        | 355.96   | -50.69 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 37410.3  | -34.99 | <=-27 | PASS |
|                | Ant1 | 5190 | 30~5140        | 5140     | -54.05 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 35981.76 | -35.01 | <=-27 | PASS |
|                | Ant2 | 5190 | 30~5140        | 336.6    | -50.4  | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 34388.32 | -34.78 | <=-27 | PASS |
|                | Ant1 | 5230 | 30~5140        | 5027.58  | -53.37 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37436.64 | -34.98 | <=-27 | PASS |
|                | Ant2 | 5230 | 30~5140        | 346.82   | -49.88 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37298.08 | -35.37 | <=-27 | PASS |
|                | Ant1 | 5755 | 30~5650        | 3840.36  | -51.13 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38841.45 | -34.64 | <=-27 | PASS |
|                | Ant2 | 5755 | 30~5650        | 344.72   | -50.19 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38841.45 | -34.44 | <=-27 | PASS |
|                | Ant1 | 5795 | 30~5650        | 3862.84  | -52.46 | <=-27 | PASS |

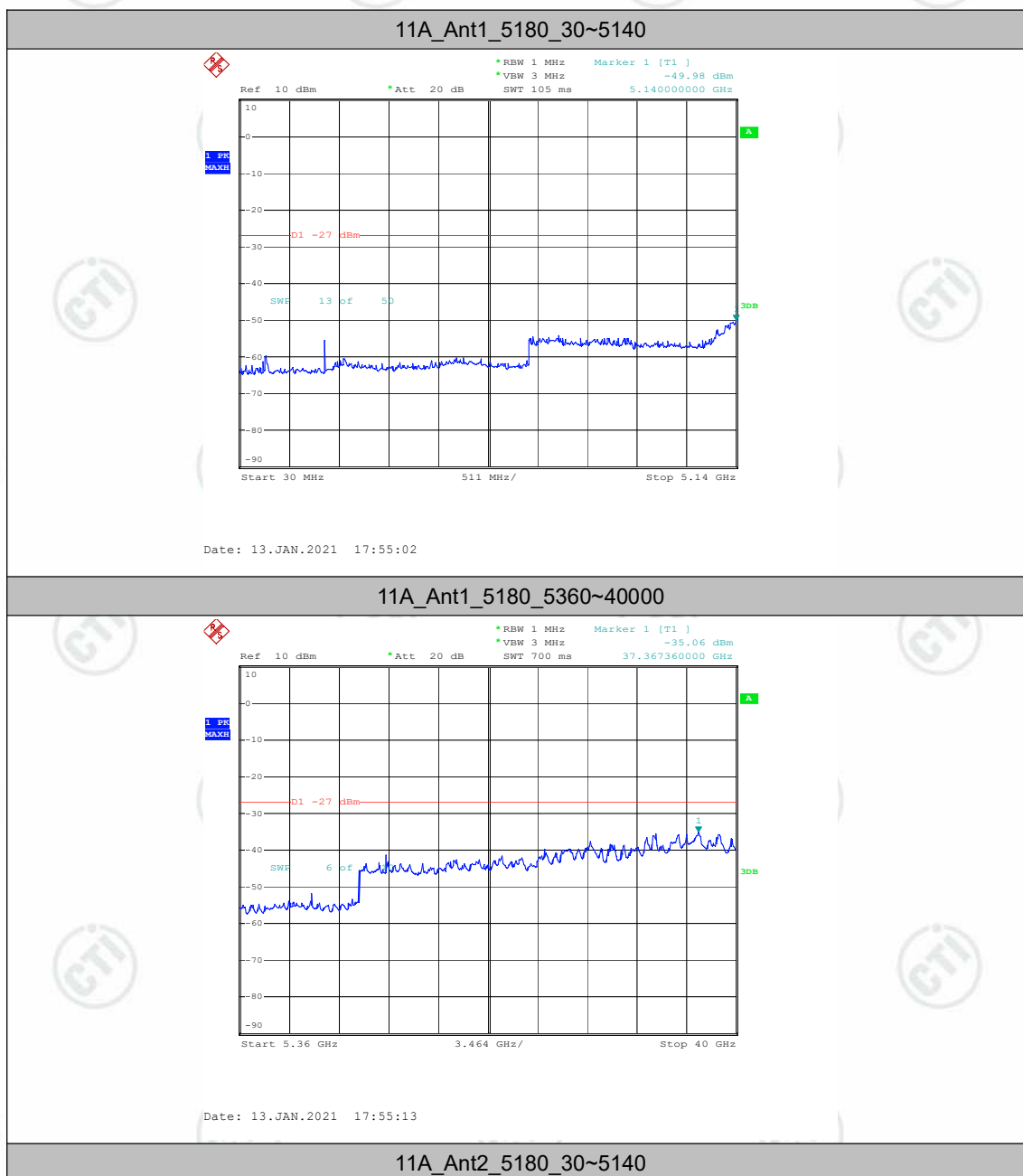
|                |      |      |                |          |        |       |      |
|----------------|------|------|----------------|----------|--------|-------|------|
|                |      |      | 5925~4000<br>0 | 38773.3  | -35.13 | <=-27 | PASS |
|                | Ant2 | 5795 | 30~5650        | 344.72   | -49.98 | <=-27 | PASS |
| 11AC80SI<br>SO |      |      | 5925~4000<br>0 | 38841.45 | -35.63 | <=-27 | PASS |
|                | Ant1 | 5210 | 30~5140        | 5119.56  | -48.26 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 38891.52 | -35.03 | <=-27 | PASS |
|                | Ant2 | 5210 | 30~5140        | 336.6    | -49.98 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37298.08 | -34.78 | <=-27 | PASS |
|                | Ant1 | 5775 | 30~5650        | 3851.6   | -51.62 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 34275.4  | -34.34 | <=-27 | PASS |
|                | Ant2 | 5775 | 30~5650        | 322.24   | -50.13 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 33798.35 | -35.32 | <=-27 | PASS |
|                | Ant1 | 5180 | 30~5140        | 5068.46  | -52.21 | <=-27 | PASS |
| 11N20MI<br>MO  |      |      | 5360~4000<br>0 | 37298.08 | -35.19 | <=-27 | PASS |
|                | Ant2 | 5180 | 30~5140        | 346.82   | -48.41 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37436.64 | -34.69 | <=-27 | PASS |
|                | Ant1 | 5200 | 30~5140        | 346.82   | -48.44 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 38752.96 | -35.05 | <=-27 | PASS |
|                | Ant2 | 5200 | 30~5140        | 5088.9   | -52.19 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 38891.52 | -35.44 | <=-27 | PASS |
|                | Ant1 | 5240 | 30~5140        | 5099.12  | -53.96 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 34388.32 | -33.4  | <=-27 | PASS |
|                | Ant2 | 5240 | 30~5140        | 346.82   | -50.83 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 36051.04 | -34.9  | <=-27 | PASS |
|                | Ant1 | 5745 | 30~5650        | 5638.76  | -53.79 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38841.45 | -35    | <=-27 | PASS |
|                | Ant2 | 5745 | 30~5650        | 333.48   | -49.55 | <=-27 | PASS |

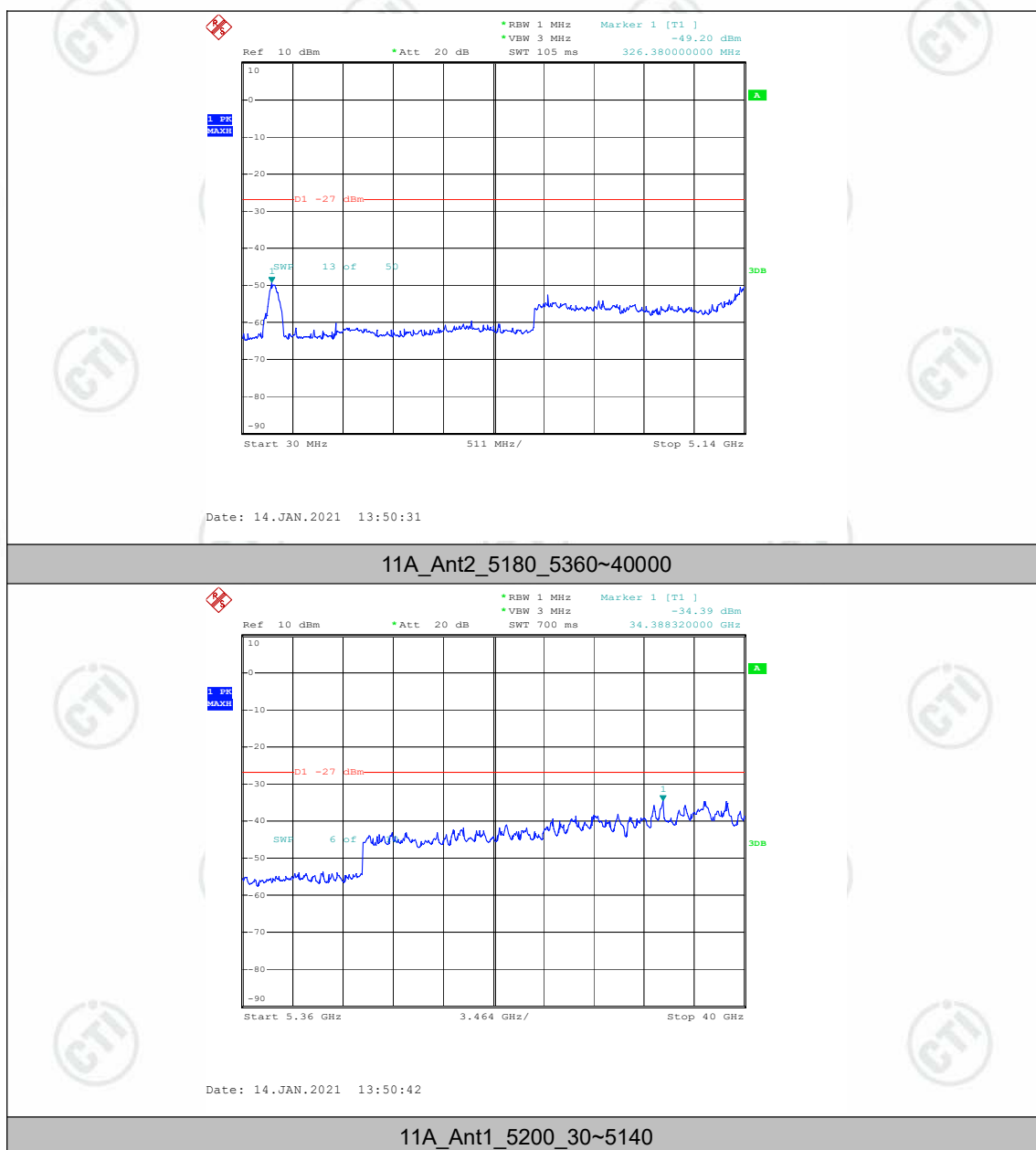
|               |      |      |                |          |        |       |      |
|---------------|------|------|----------------|----------|--------|-------|------|
|               | Ant1 | 5785 | 5925~4000<br>0 | 37342.15 | -35.14 | <=-27 | PASS |
|               |      |      | 30~5650        | 3862.84  | -52.44 | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 38841.45 | -34.49 | <=-27 | PASS |
|               | Ant2 | 5785 | 30~5650        | 333.48   | -49.88 | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 37410.3  | -34.54 | <=-27 | PASS |
|               | Ant1 | 5825 | 30~5650        | 3885.32  | -51.14 | <=-27 | PASS |
|               |      |      | 5925~4000<br>0 | 38841.45 | -34    | <=-27 | PASS |
|               |      |      | 30~5650        | 344.72   | -50.38 | <=-27 | PASS |
|               | Ant2 | 5825 | 5925~4000<br>0 | 37342.15 | -34.48 | <=-27 | PASS |
|               |      |      | 30~5140        | 898.7    | -47.79 | <=-27 | PASS |
|               | Ant1 | 5190 | 5360~4000<br>0 | 37298.08 | -34.75 | <=-27 | PASS |
|               |      |      | 30~5140        | 336.6    | -50.34 | <=-27 | PASS |
| 11N40MI<br>MO | Ant2 | 5190 | 5360~4000<br>0 | 38822.24 | -34.79 | <=-27 | PASS |
|               |      |      | 30~5140        | 5140     | -52.79 | <=-27 | PASS |
|               | Ant1 | 5230 | 5360~4000<br>0 | 37367.36 | -34.53 | <=-27 | PASS |
|               |      |      | 30~5140        | 3852.28  | -54.24 | <=-27 | PASS |
|               | Ant2 | 5230 | 5360~4000<br>0 | 37367.36 | -34.64 | <=-27 | PASS |
|               |      |      | 30~5650        | 906.72   | -49.63 | <=-27 | PASS |
|               | Ant1 | 5755 | 5925~4000<br>0 | 35979.15 | -35.11 | <=-27 | PASS |
|               |      |      | 30~5650        | 322.24   | -50.61 | <=-27 | PASS |
|               | Ant2 | 5755 | 5925~4000<br>0 | 34343.55 | -33.85 | <=-27 | PASS |
|               |      |      | 30~5650        | 322.24   | -49.91 | <=-27 | PASS |
|               | Ant1 | 5795 | 5925~4000<br>0 | 38773.3  | -34.59 | <=-27 | PASS |
|               |      |      | 30~5650        | 3862.84  | -51.85 | <=-27 | PASS |
| 11AC20M       | Ant2 | 5795 | 5925~4000<br>0 | 34343.55 | -34.6  | <=-27 | PASS |
|               |      |      | 30~5140        | 5099.12  | -52.14 | <=-27 | PASS |

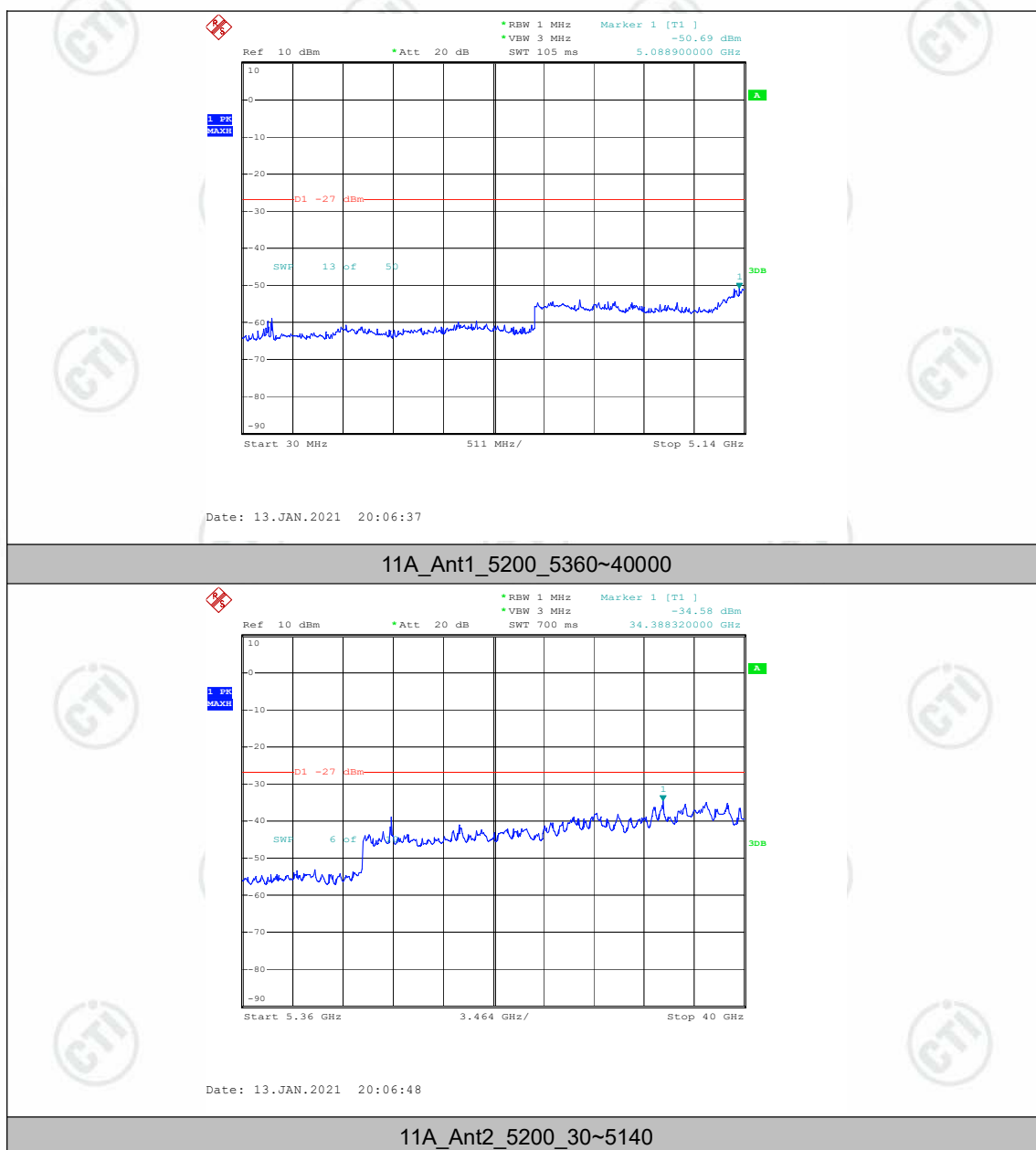
|                |      |      |                |          |        |       |      |
|----------------|------|------|----------------|----------|--------|-------|------|
| IMO            |      |      | 5360~4000<br>0 | 37367.36 | -34.29 | <=-27 | PASS |
|                | Ant2 | 5180 | 30~5140        | 346.82   | -49.87 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 34249.76 | -34.17 | <=-27 | PASS |
|                | Ant1 | 5200 | 30~5140        | 5109.34  | -52.42 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 38891.52 | -34.39 | <=-27 | PASS |
|                | Ant2 | 5200 | 30~5140        | 336.6    | -50.91 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37436.64 | -33.56 | <=-27 | PASS |
|                | Ant1 | 5240 | 30~5140        | 5129.78  | -51.65 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37367.36 | -34.83 | <=-27 | PASS |
|                | Ant2 | 5240 | 30~5140        | 336.6    | -50.77 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37298.08 | -34.25 | <=-27 | PASS |
|                | Ant1 | 5745 | 30~5650        | 3829.12  | -52.68 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 35979.15 | -34.14 | <=-27 | PASS |
|                | Ant2 | 5745 | 30~5650        | 5650     | -53.39 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 35842.85 | -34.6  | <=-27 | PASS |
|                | Ant1 | 5785 | 30~5650        | 3862.84  | -52.09 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38841.45 | -34.1  | <=-27 | PASS |
|                | Ant2 | 5785 | 30~5650        | 344.72   | -50.2  | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38773.3  | -34.68 | <=-27 | PASS |
|                | Ant1 | 5825 | 30~5650        | 3885.32  | -53.36 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38841.45 | -33.38 | <=-27 | PASS |
|                | Ant2 | 5825 | 30~5650        | 5627.52  | -53.82 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 34343.55 | -34.05 | <=-27 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | 30~5140        | 3279.96  | -52.59 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37298.08 | -34.27 | <=-27 | PASS |
|                | Ant2 | 5190 | 30~5140        | 336.6    | -49.54 | <=-27 | PASS |

|                |      |      |                |          |        |       |      |
|----------------|------|------|----------------|----------|--------|-------|------|
| 11AC80M<br>IMO | Ant1 | 5230 | 5360~4000<br>0 | 38752.96 | -34.79 | <=-27 | PASS |
|                |      |      | 30~5140        | 336.6    | -49.78 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37436.64 | -34.59 | <=-27 | PASS |
|                | Ant2 | 5230 | 30~5140        | 346.82   | -49.75 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 38822.24 | -33.79 | <=-27 | PASS |
|                | Ant1 | 5755 | 30~5650        | 3840.36  | -51.96 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 37410.3  | -34.7  | <=-27 | PASS |
|                | Ant2 | 5755 | 30~5650        | 333.48   | -50.24 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 37410.3  | -35.09 | <=-27 | PASS |
|                | Ant1 | 5795 | 30~5650        | 333.48   | -50.09 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 35979.15 | -34.27 | <=-27 | PASS |
|                | Ant2 | 5795 | 30~5650        | 3862.84  | -52.56 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 38909.6  | -34.78 | <=-27 | PASS |
|                | Ant1 | 5210 | 30~5140        | 5119.56  | -47.85 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 38822.24 | -34.47 | <=-27 | PASS |
|                | Ant2 | 5210 | 30~5140        | 336.6    | -50.69 | <=-27 | PASS |
|                |      |      | 5360~4000<br>0 | 37436.64 | -35.1  | <=-27 | PASS |
|                | Ant1 | 5775 | 30~5650        | 333.48   | -50.53 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 37342.15 | -35.09 | <=-27 | PASS |
|                | Ant2 | 5775 | 30~5650        | 3851.6   | -52.59 | <=-27 | PASS |
|                |      |      | 5925~4000<br>0 | 35842.85 | -35.47 | <=-27 | PASS |

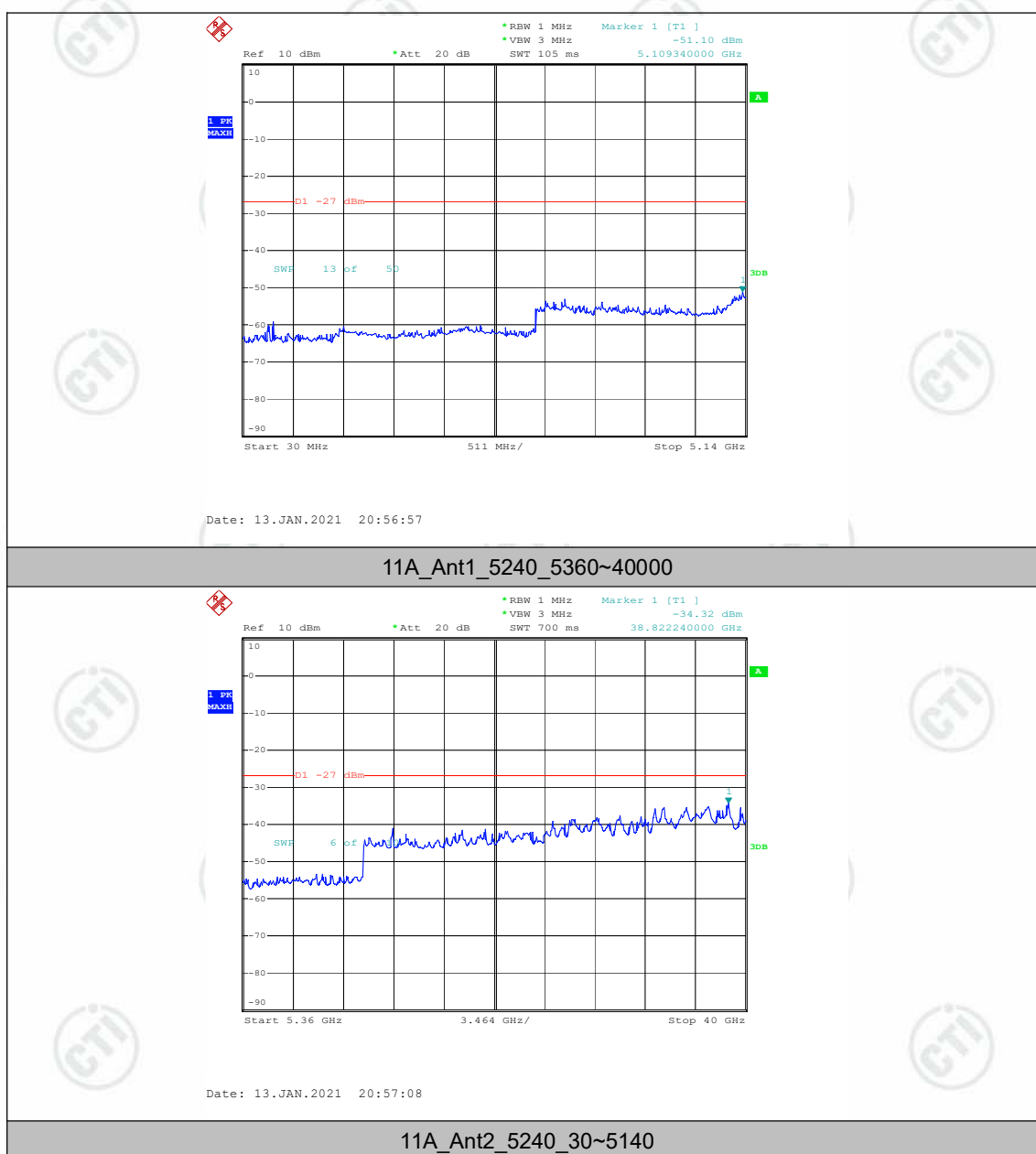
## Test Graphs

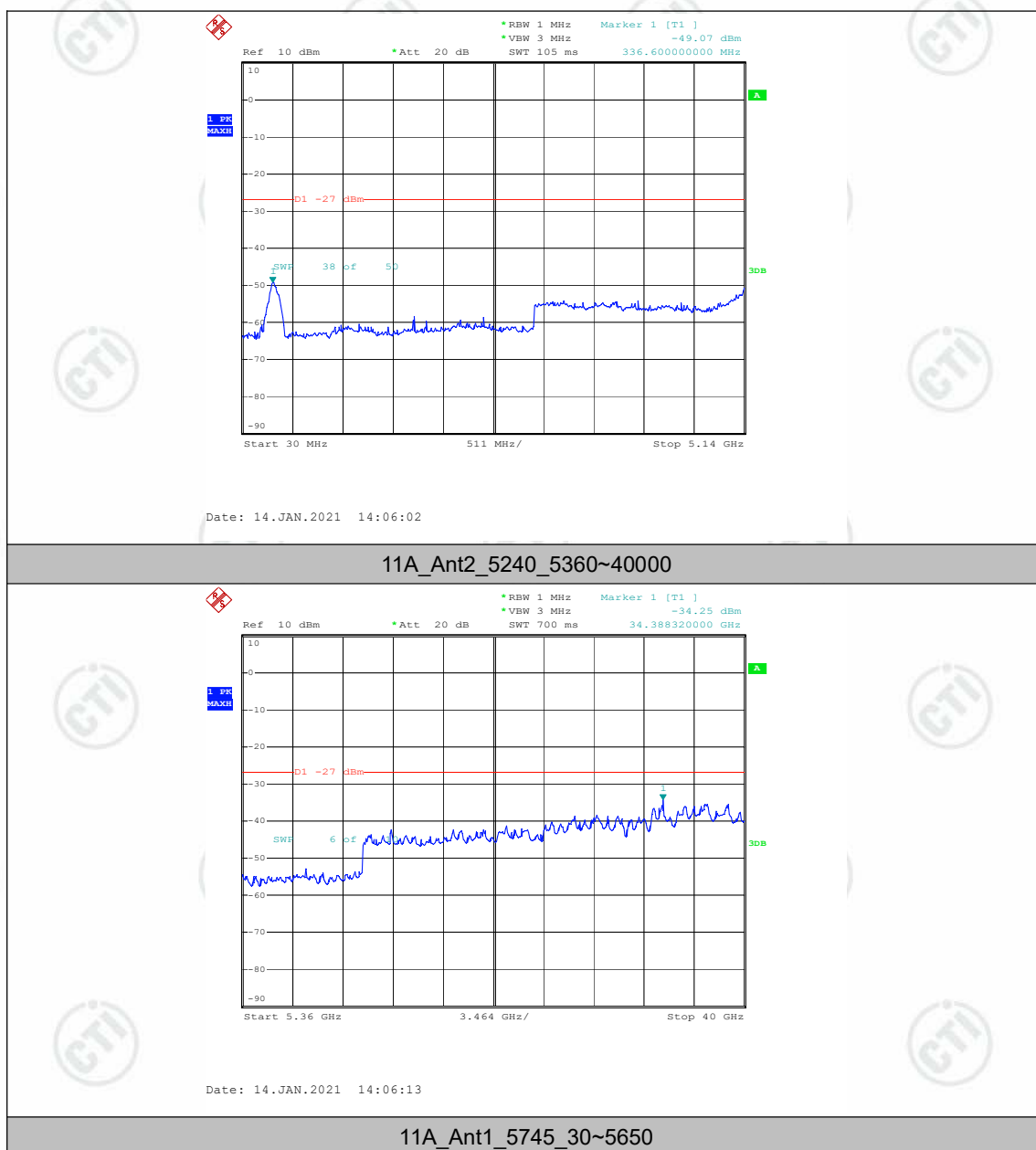


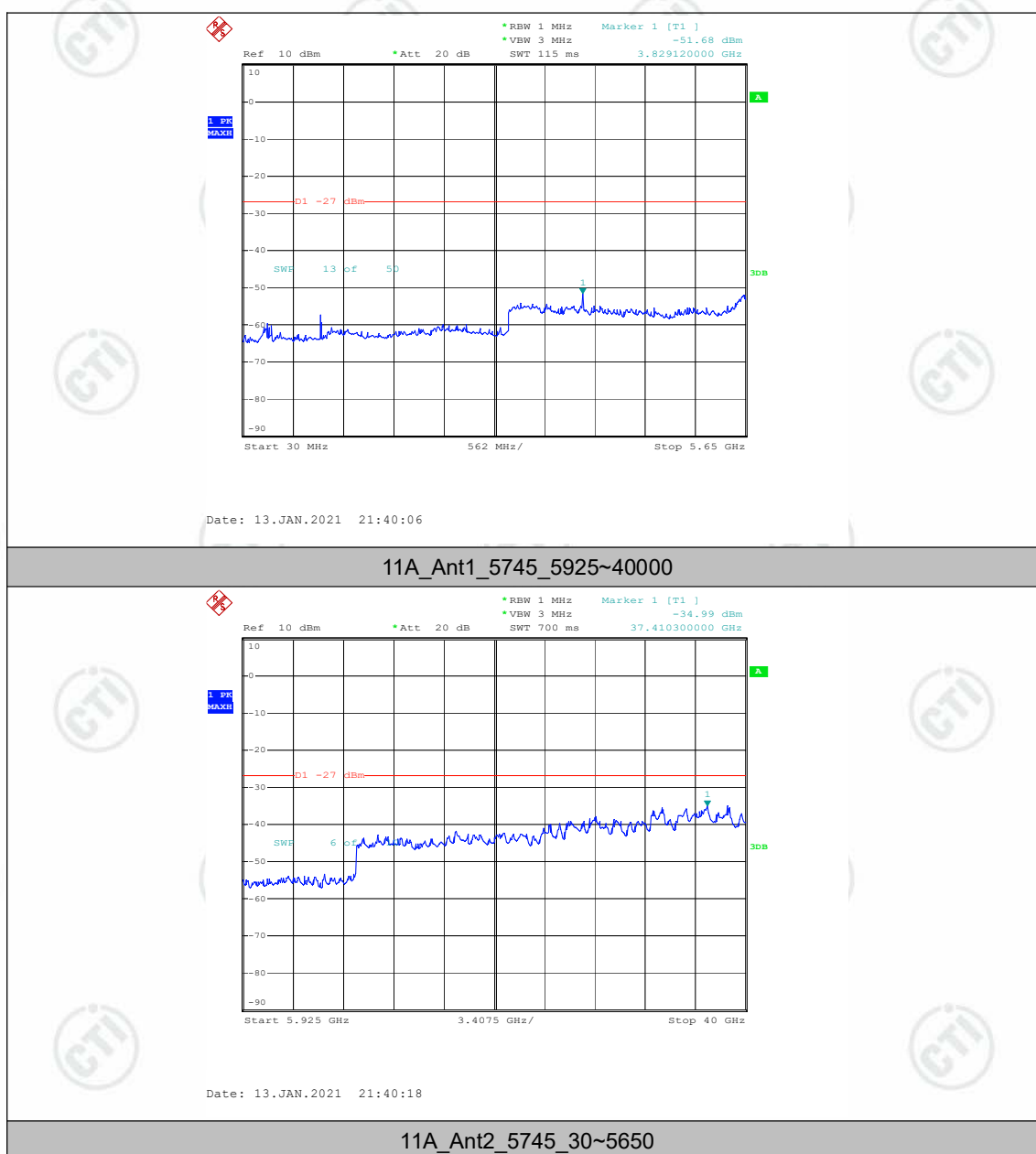


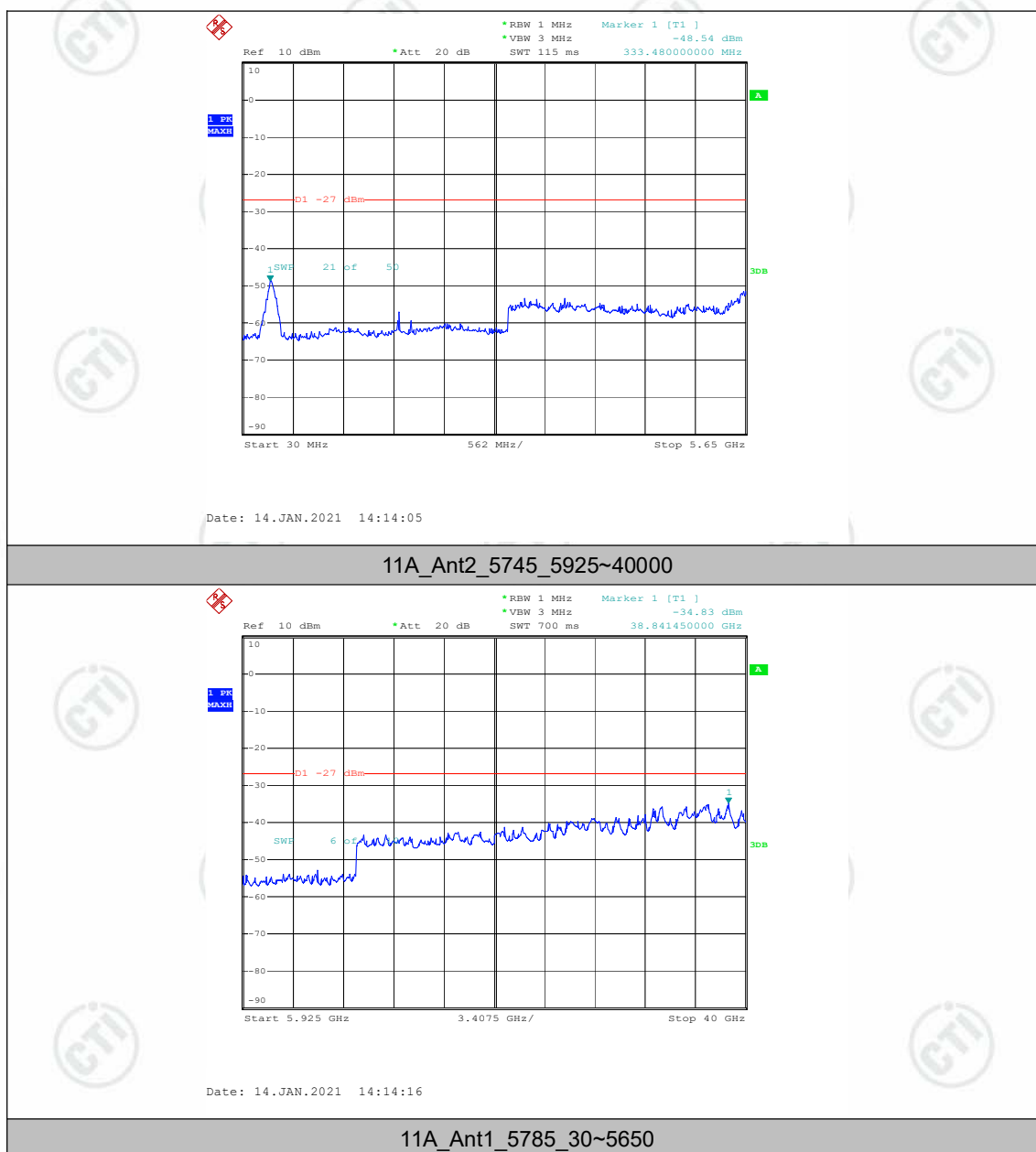


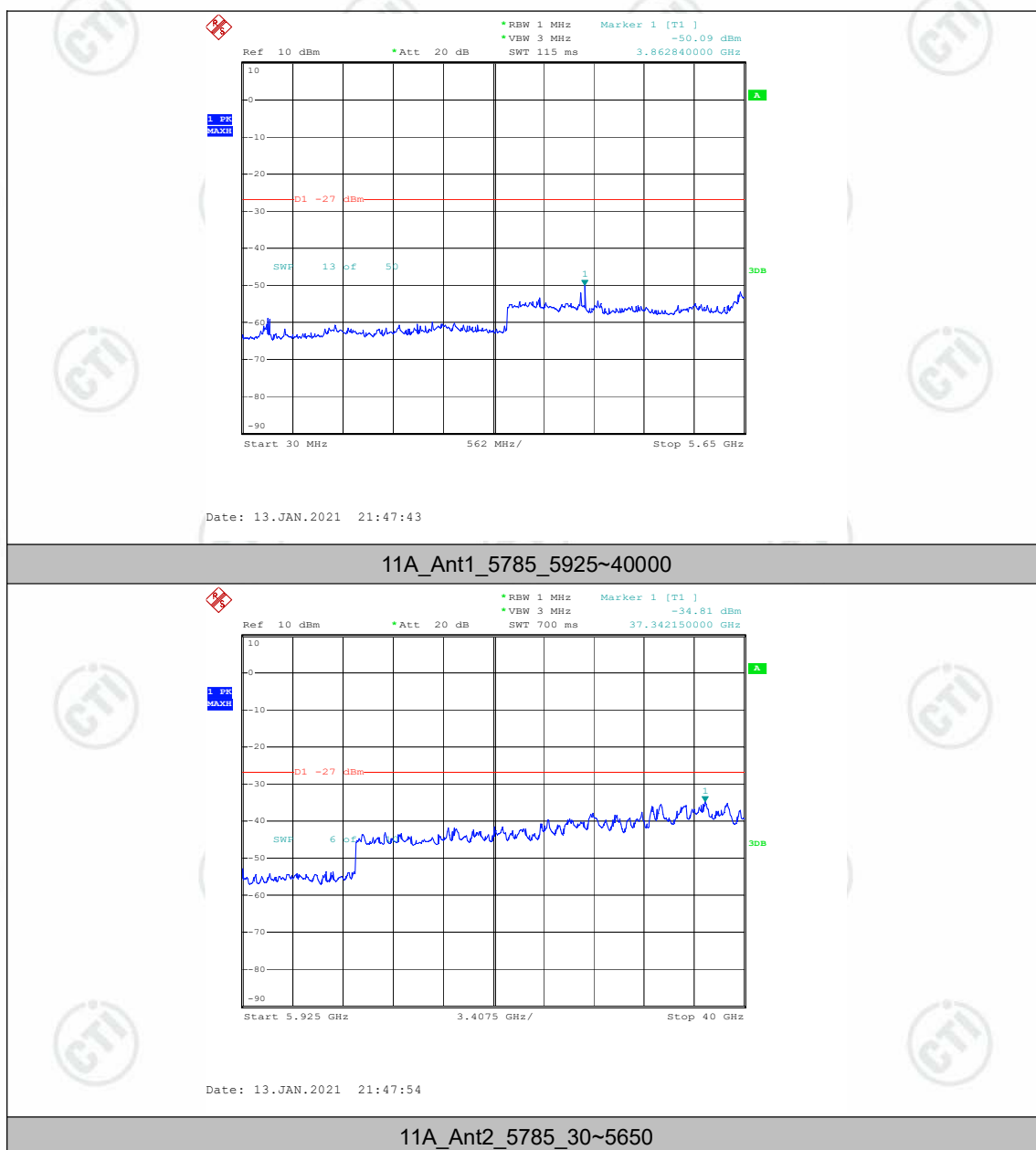


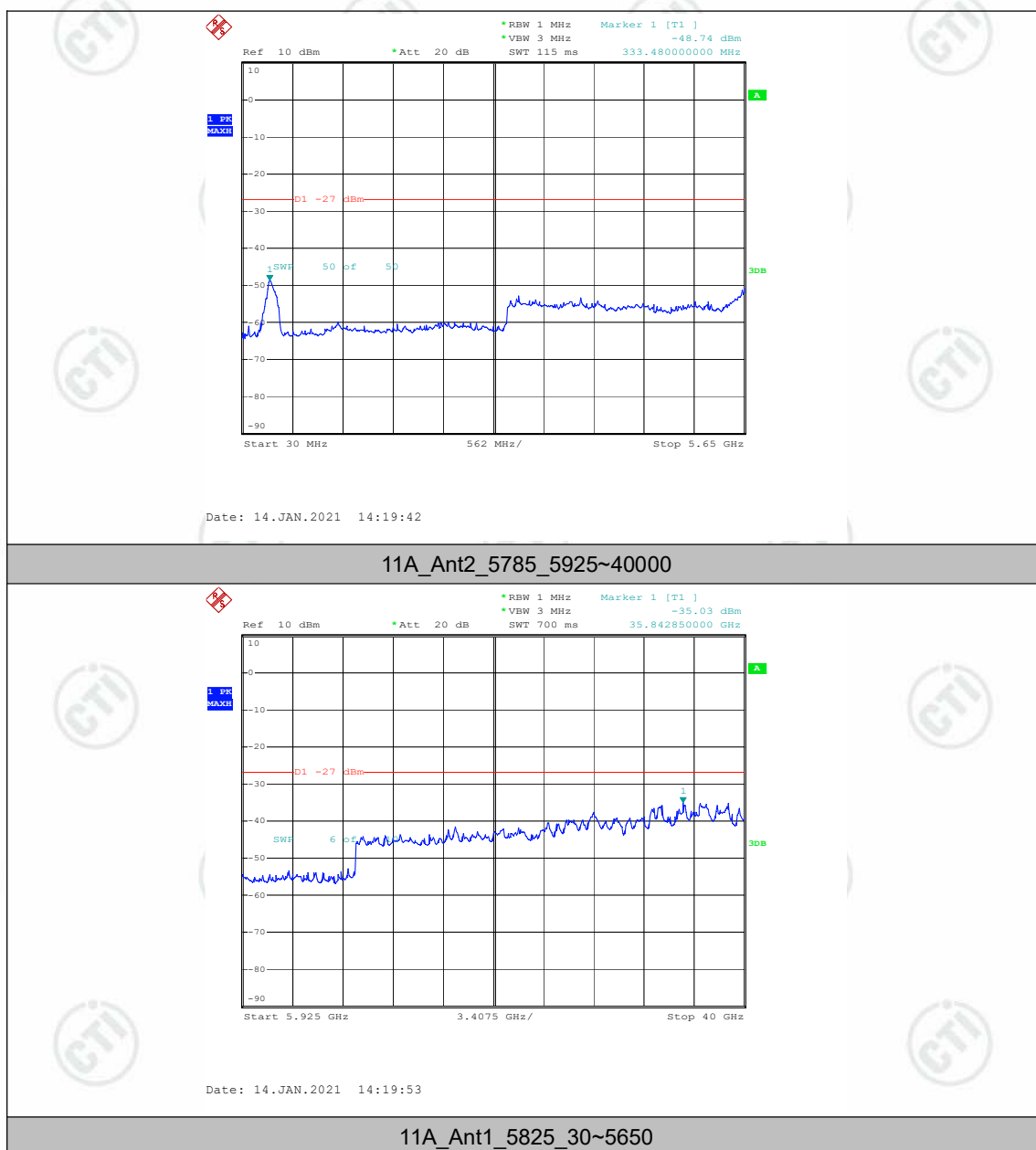


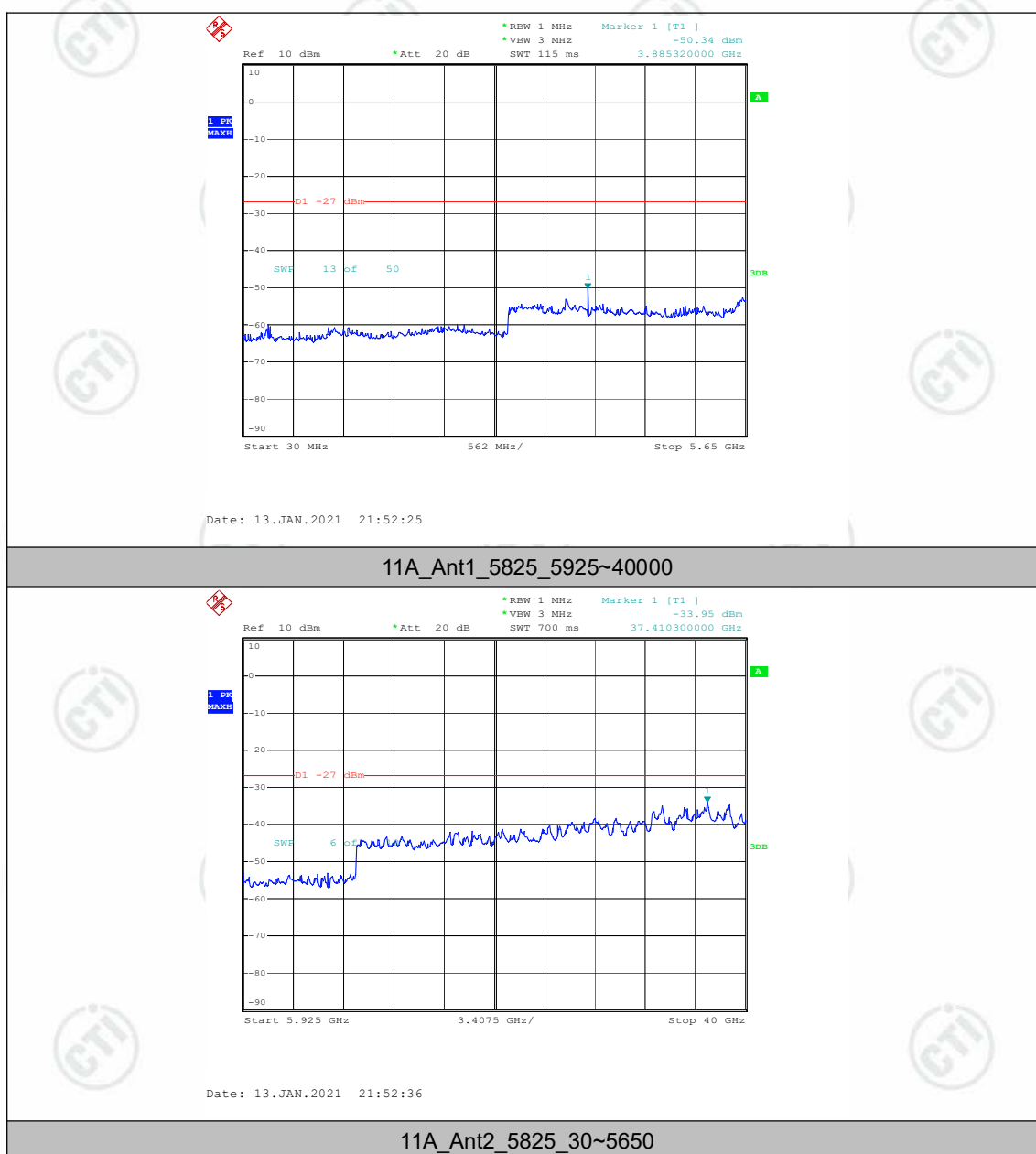


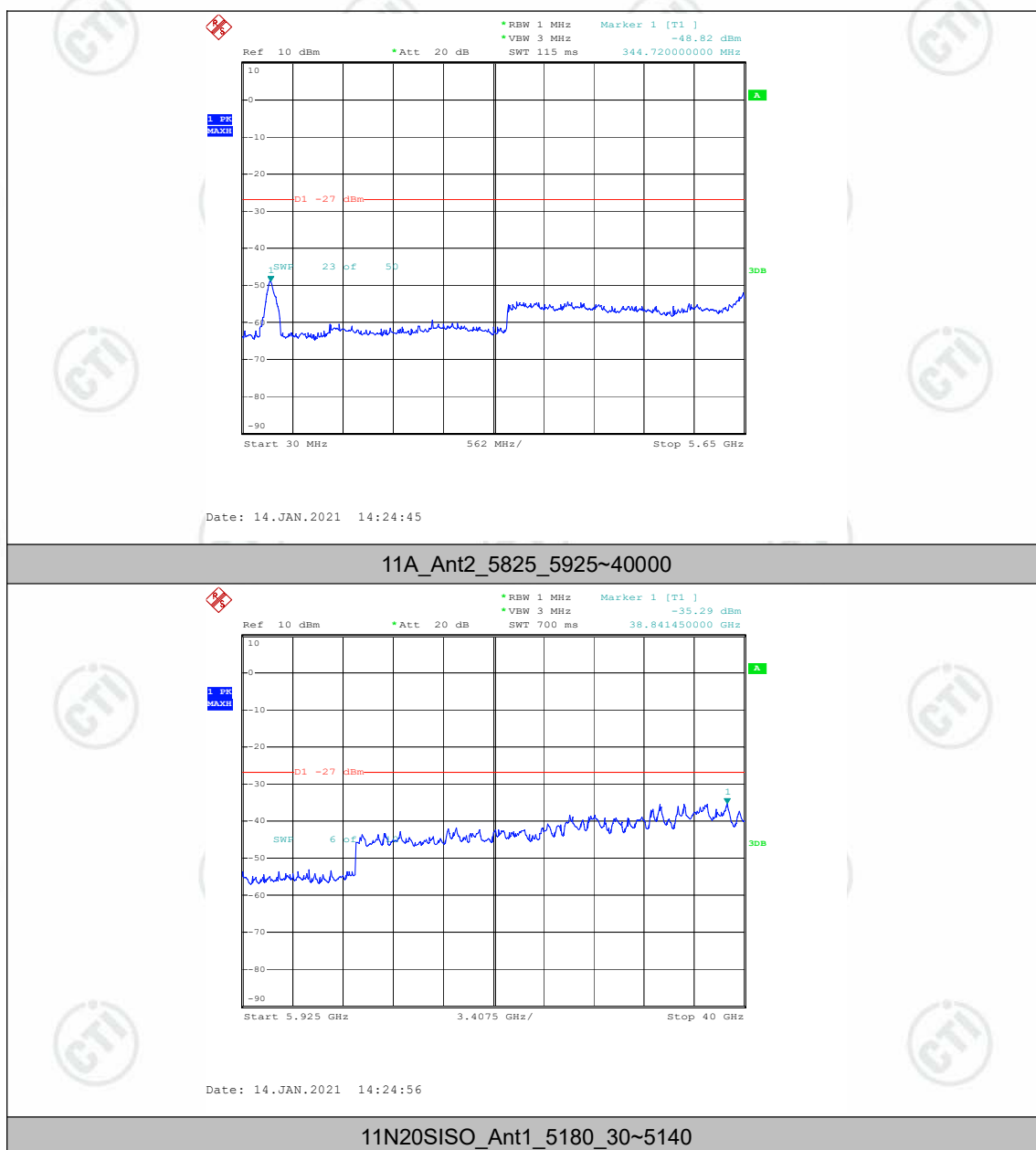


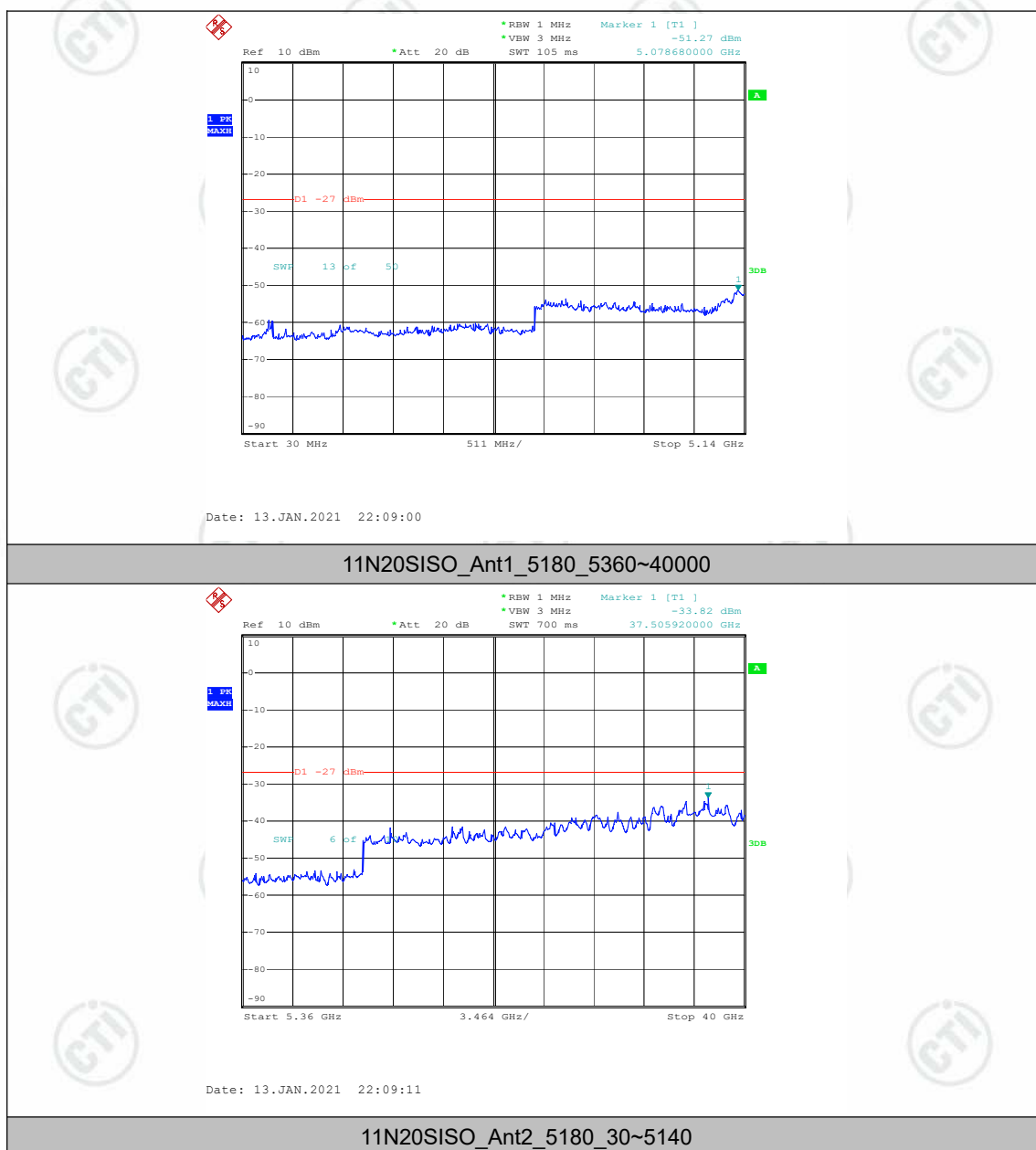


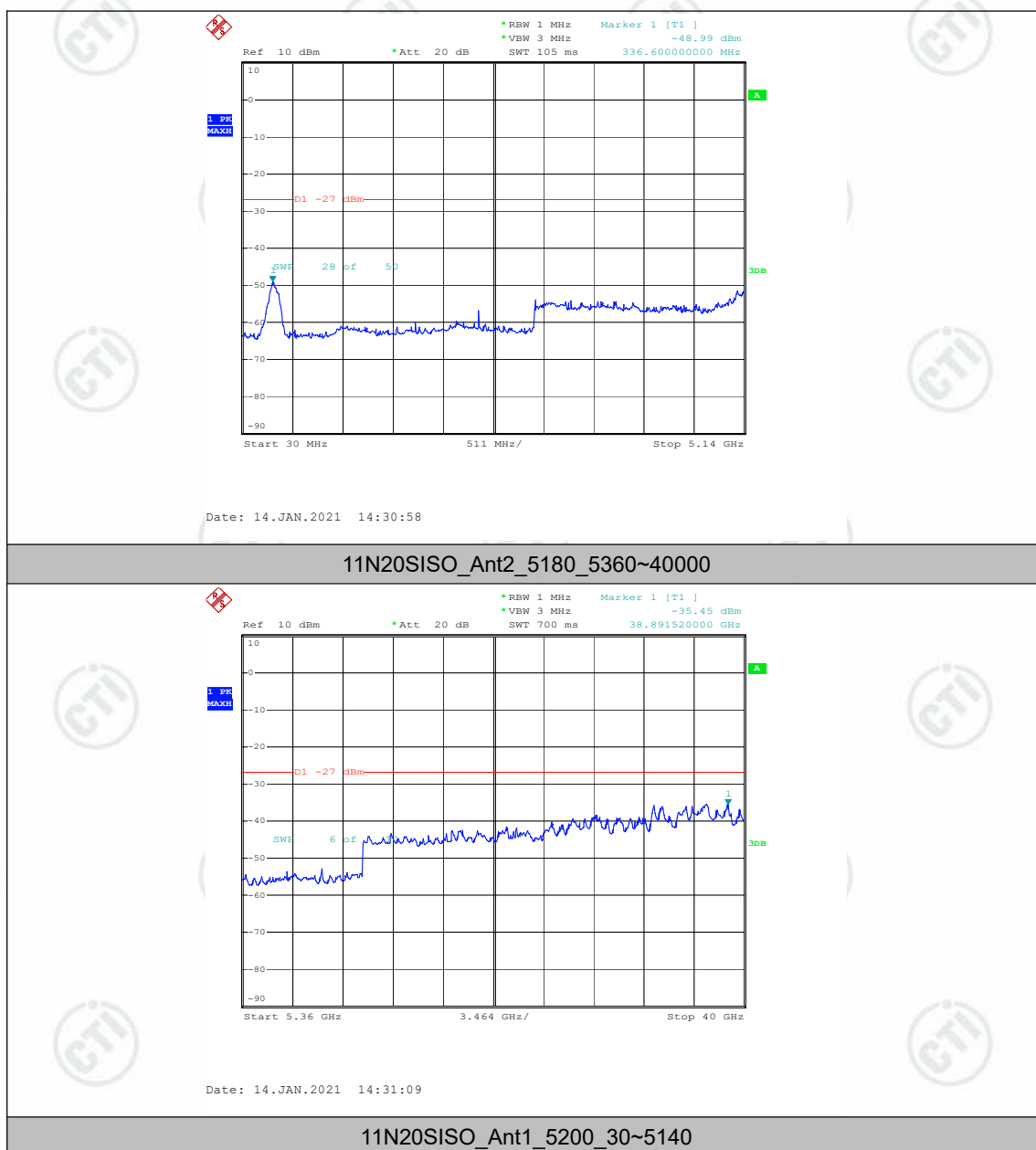


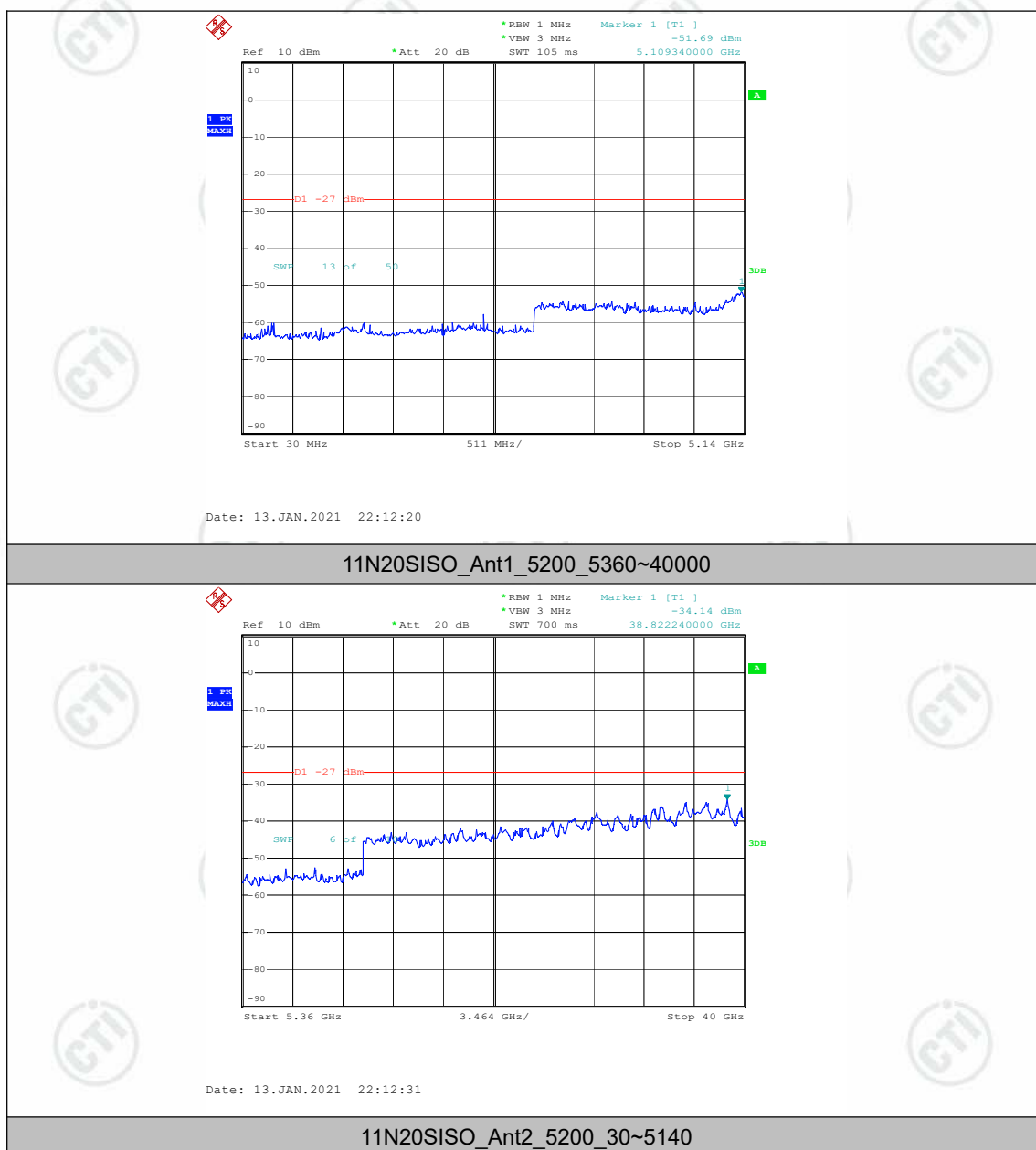


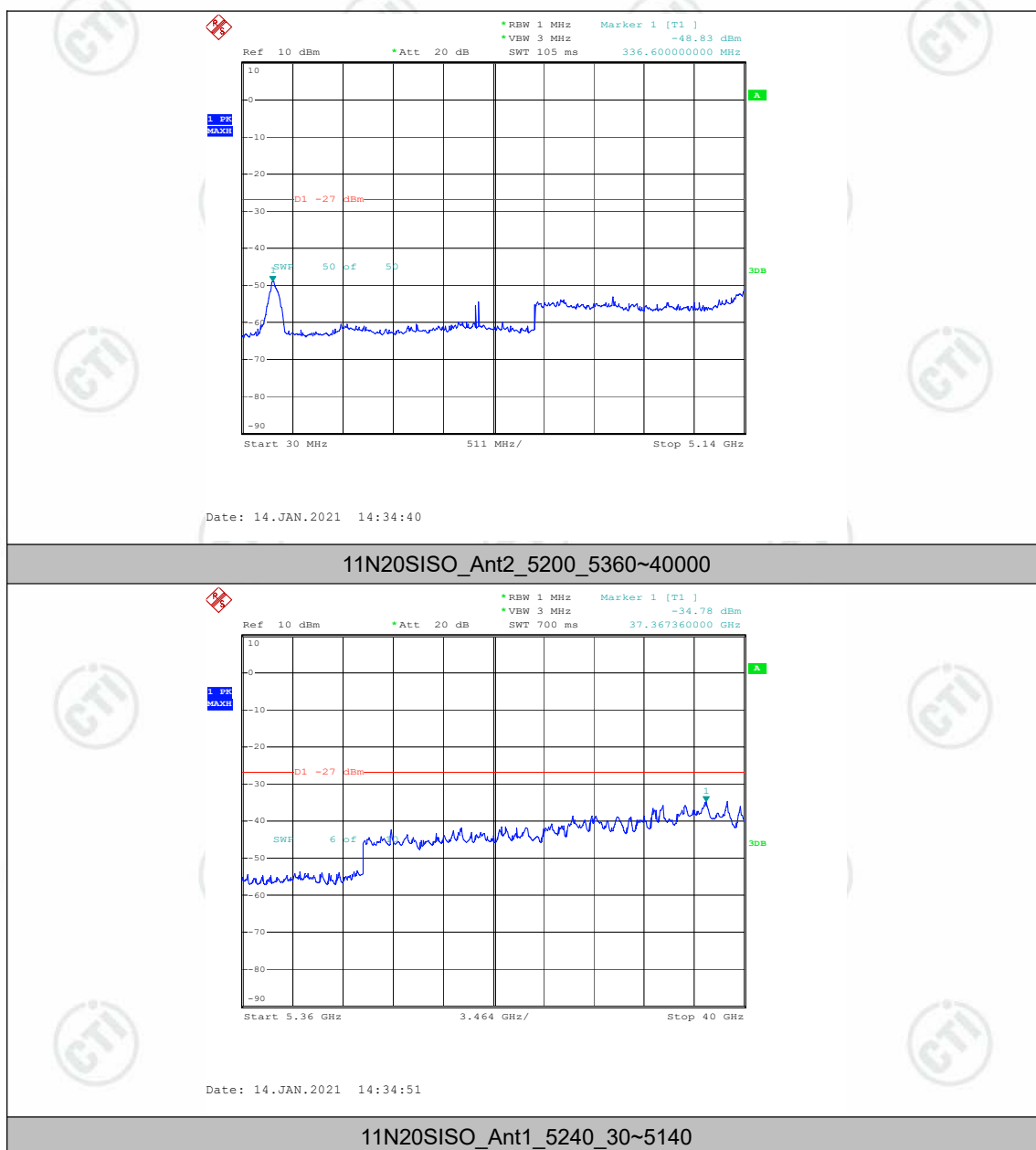


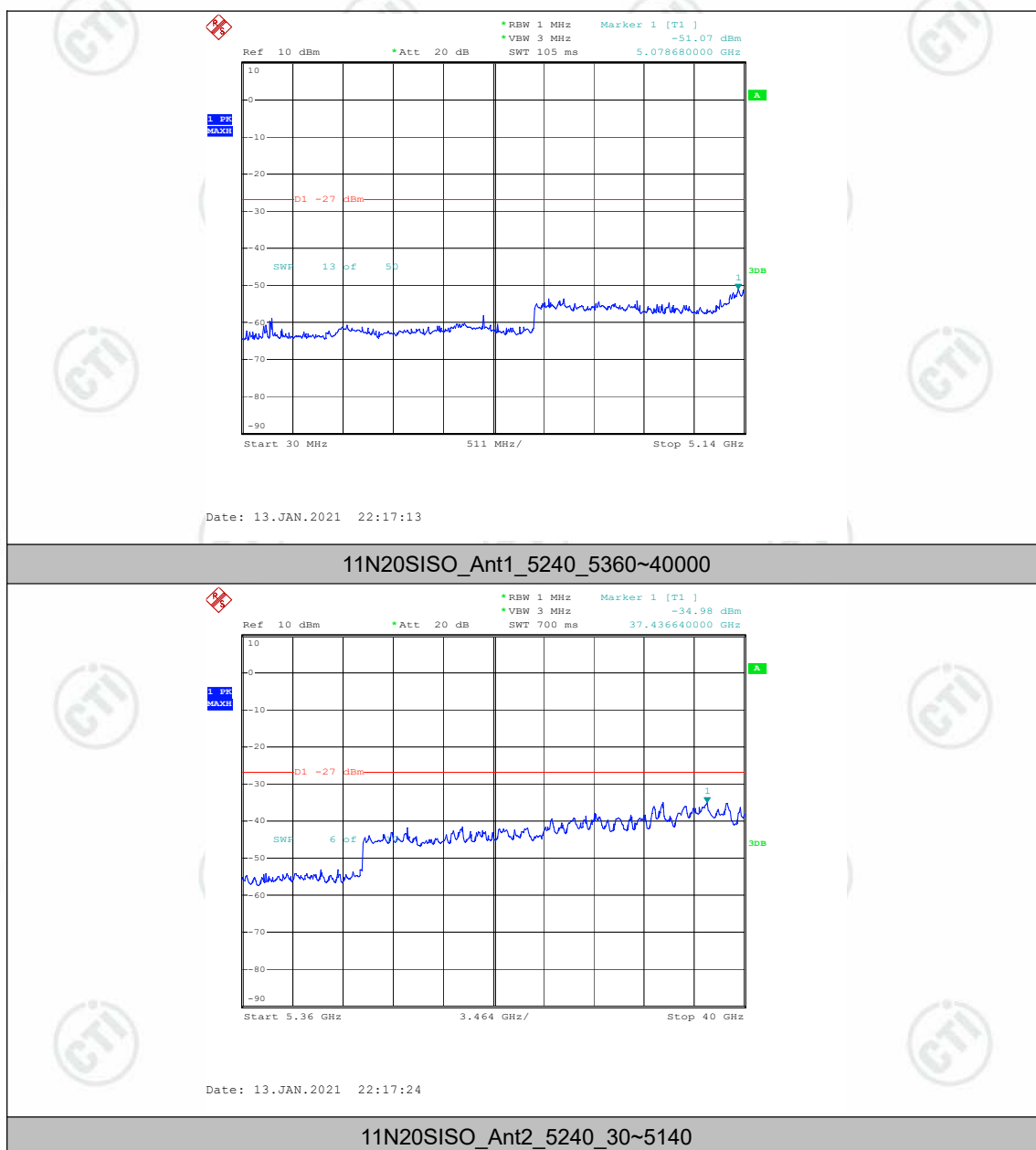


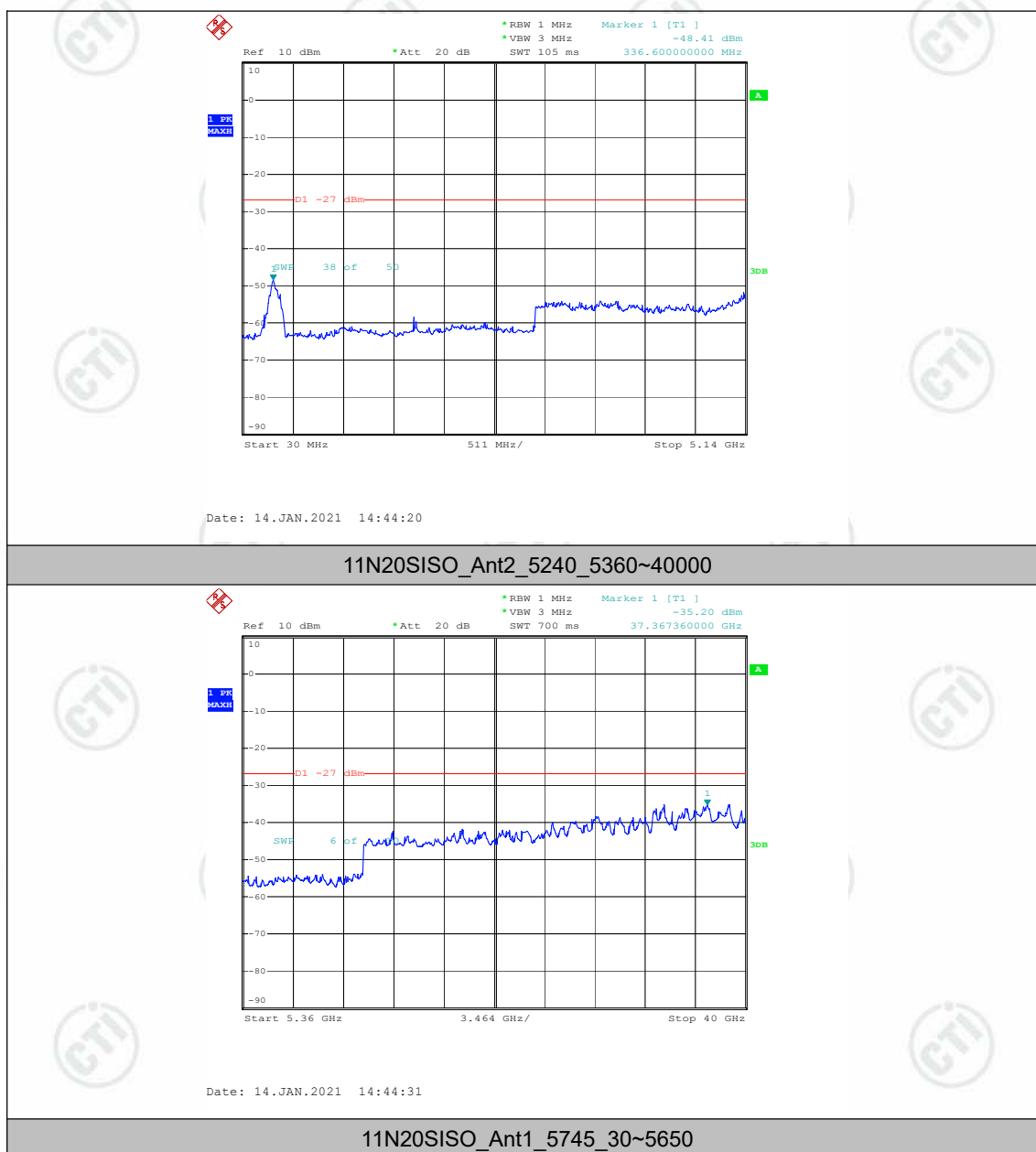


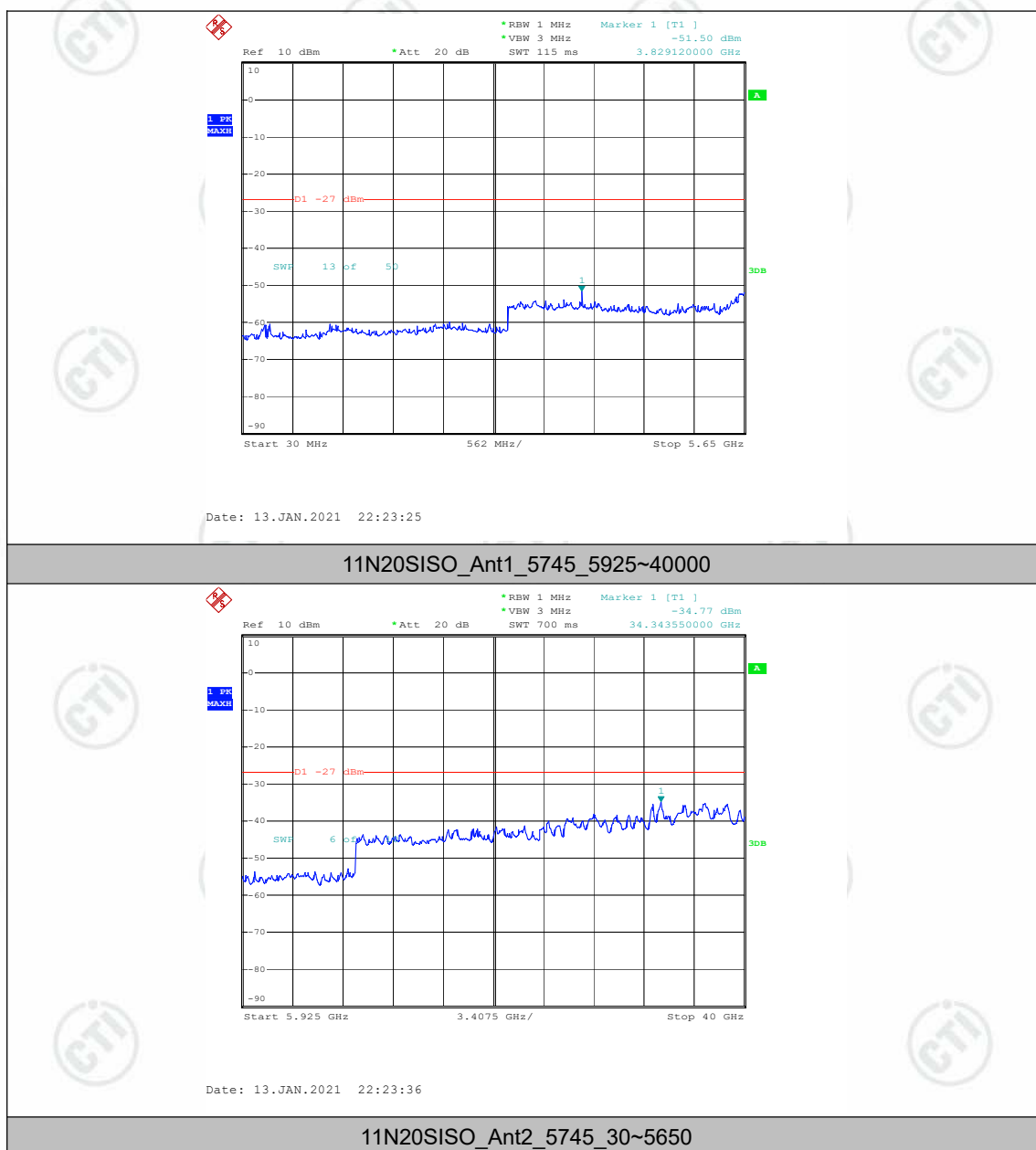




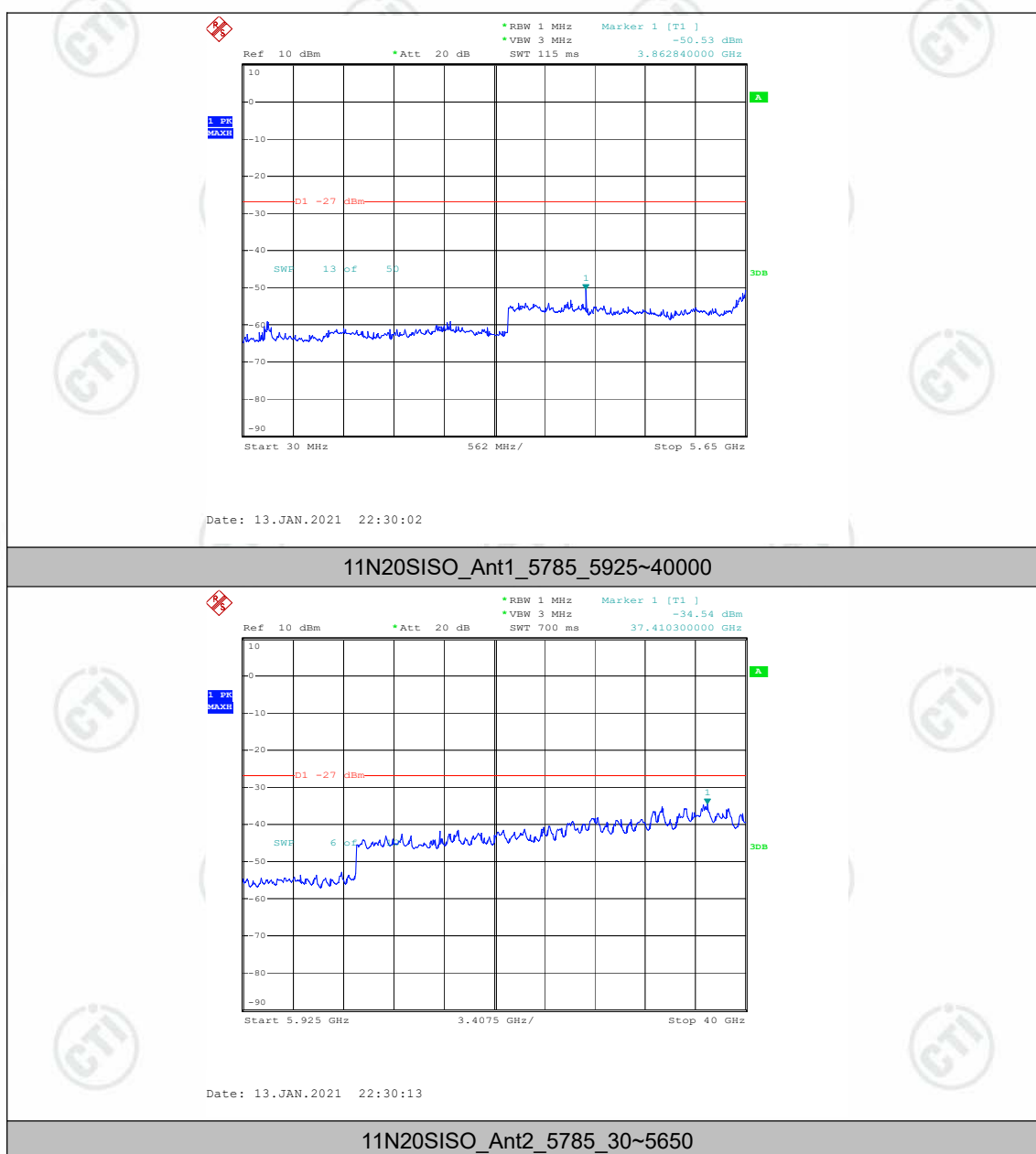


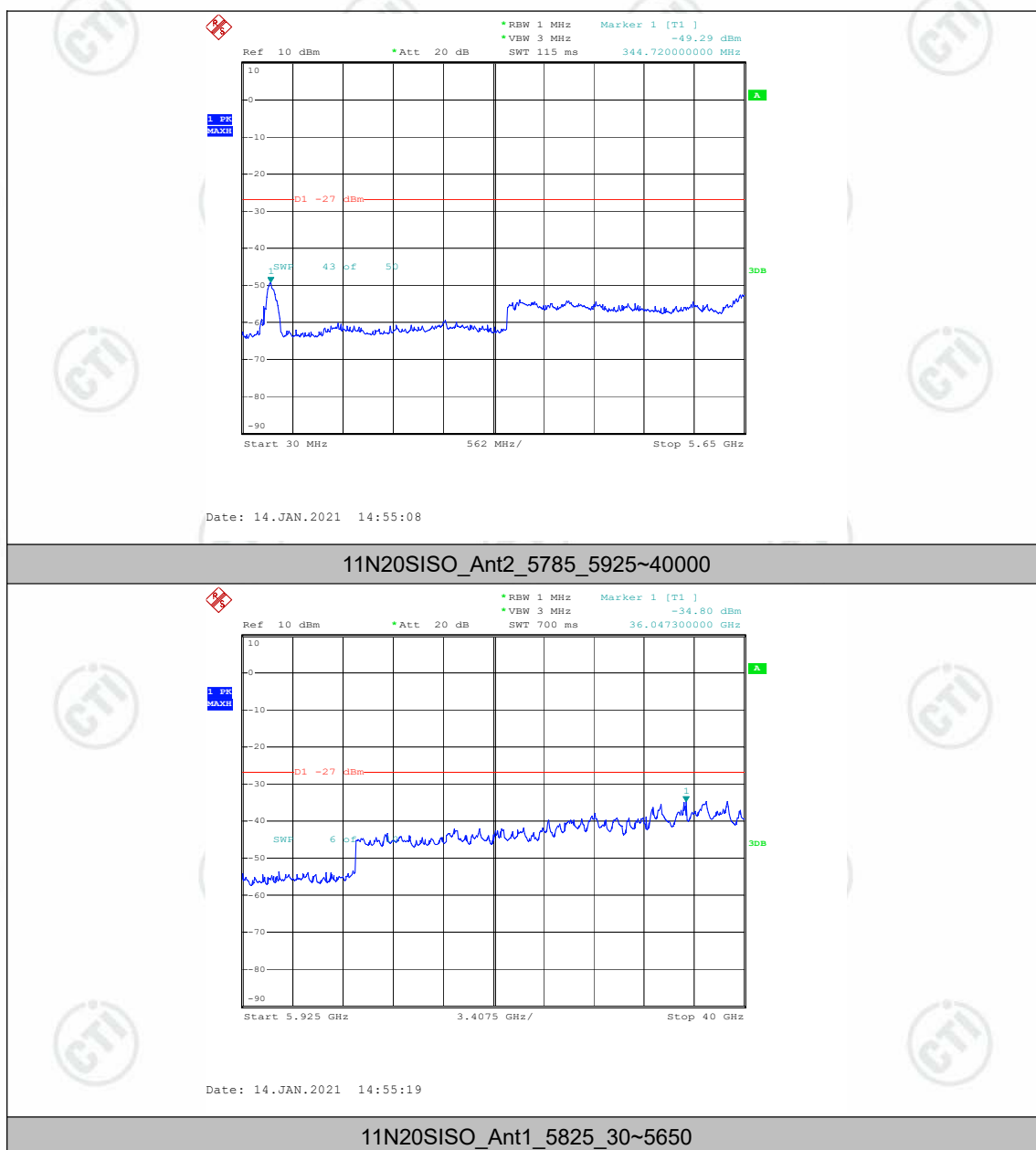


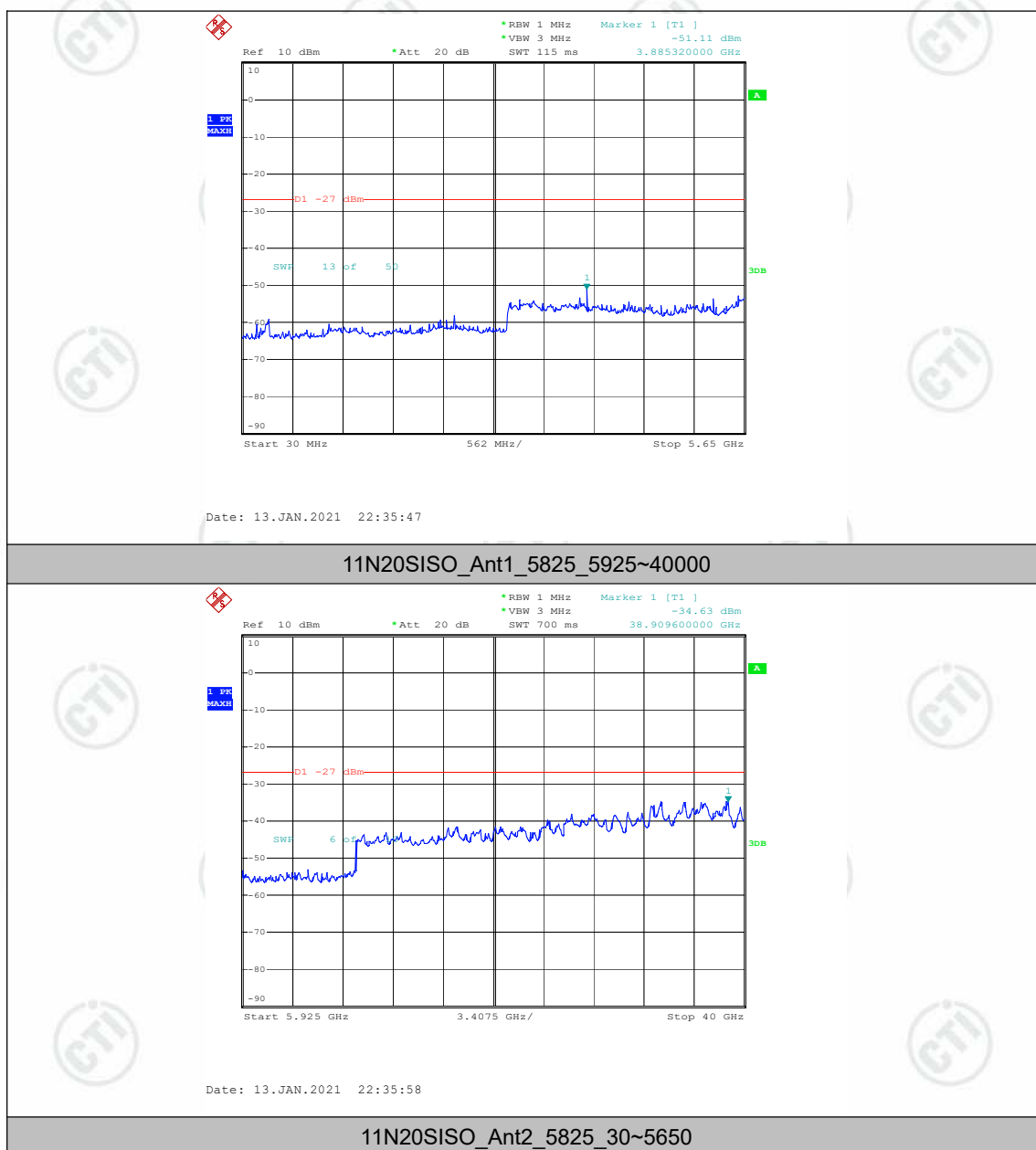


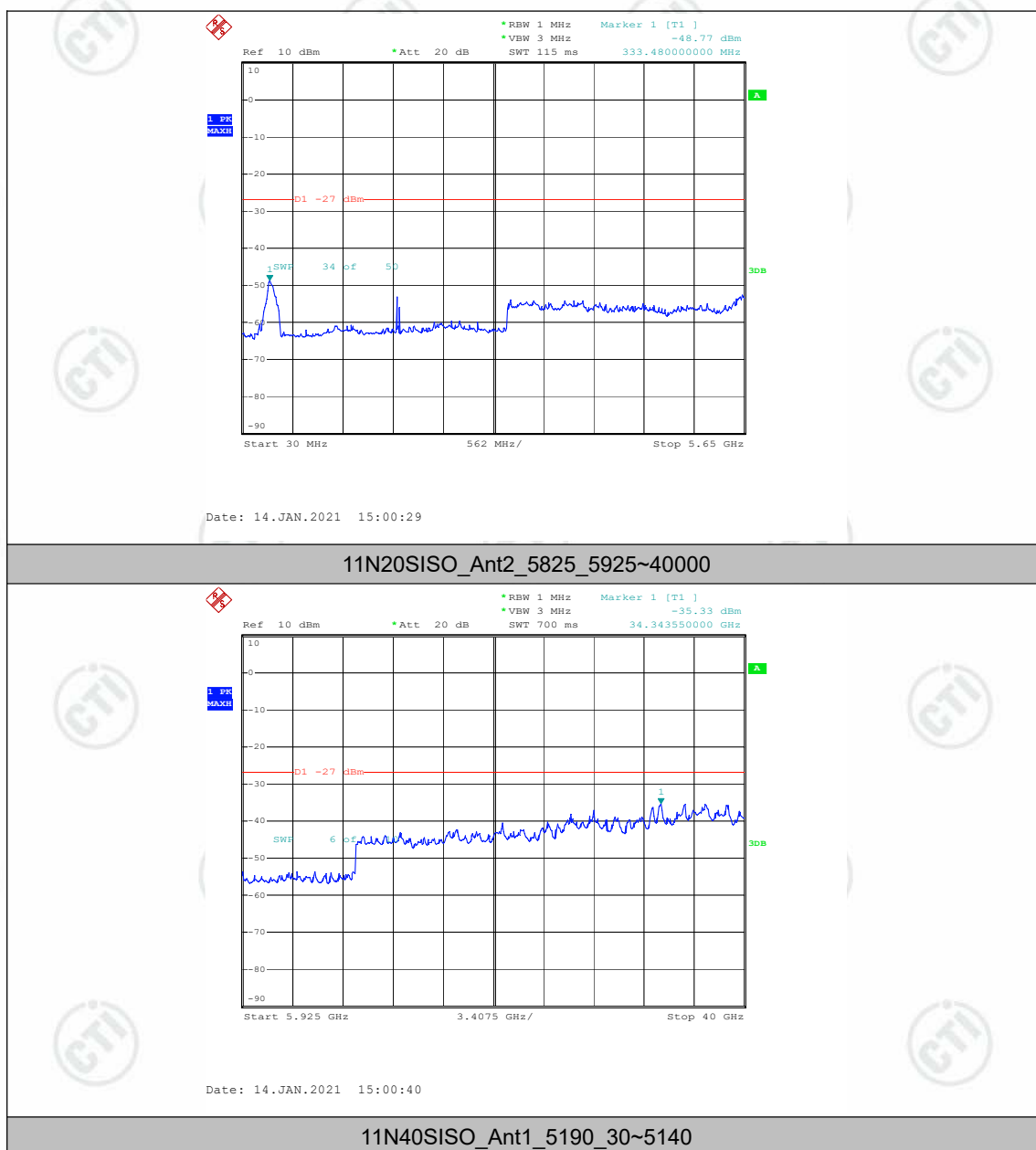


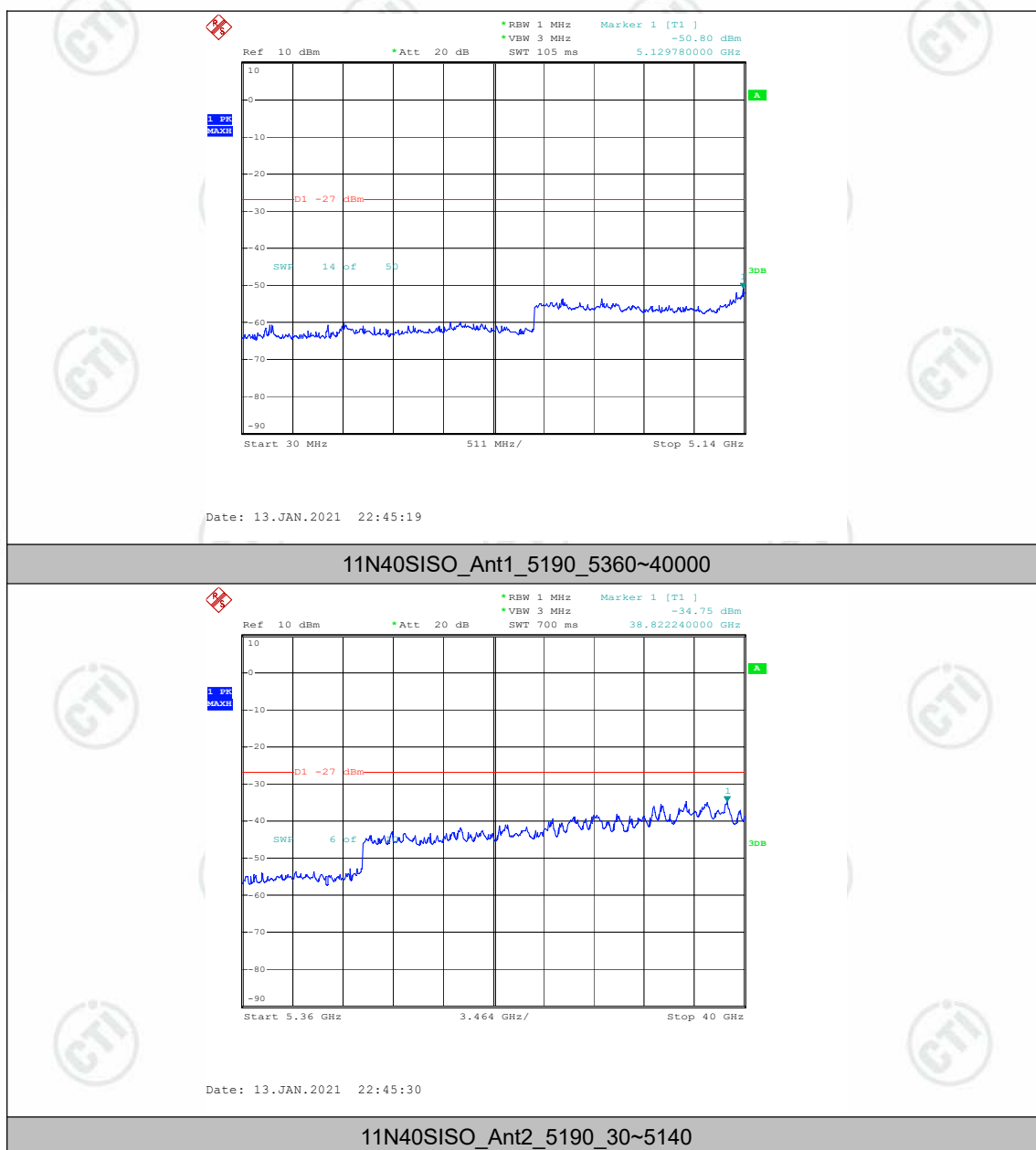


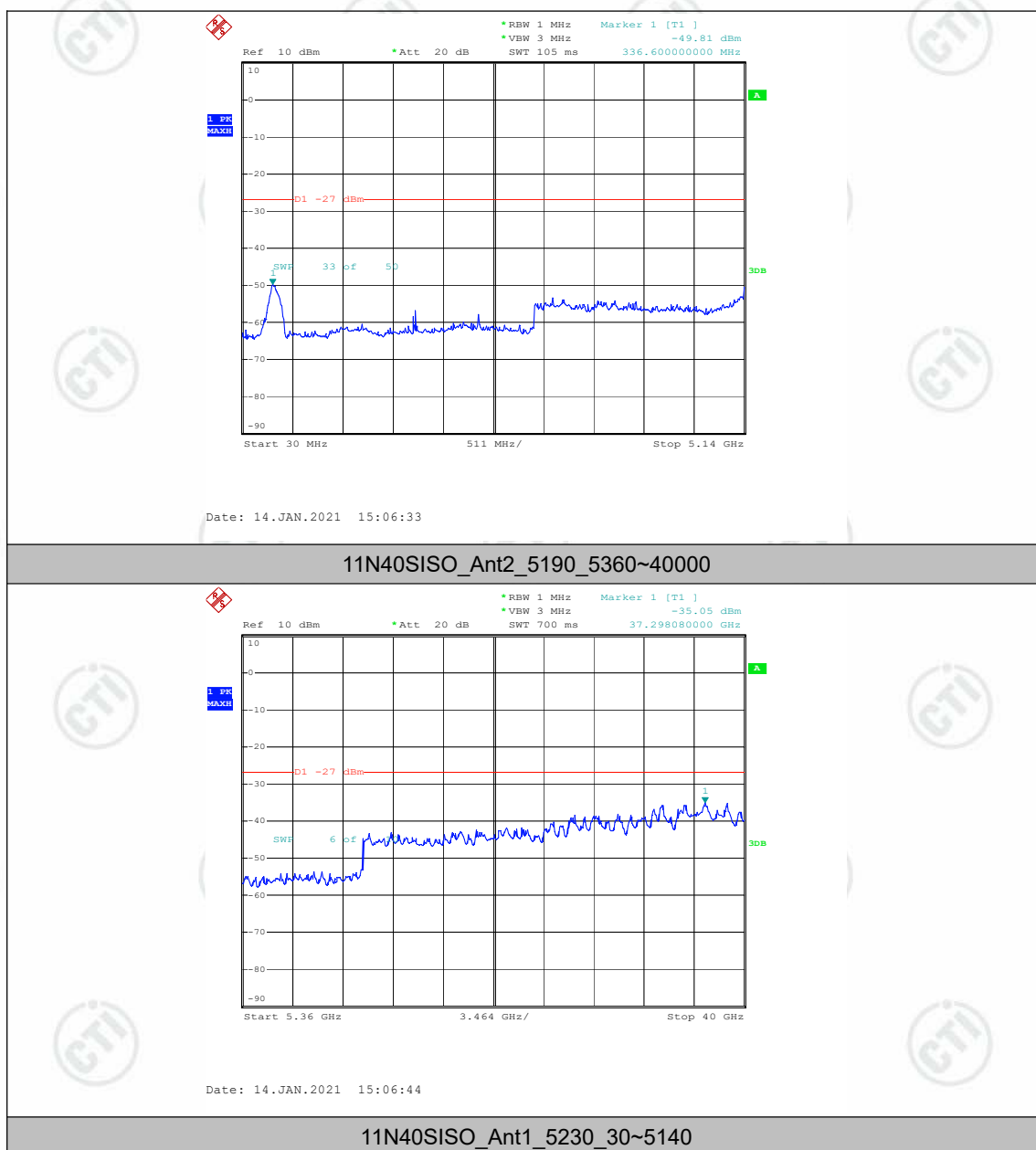


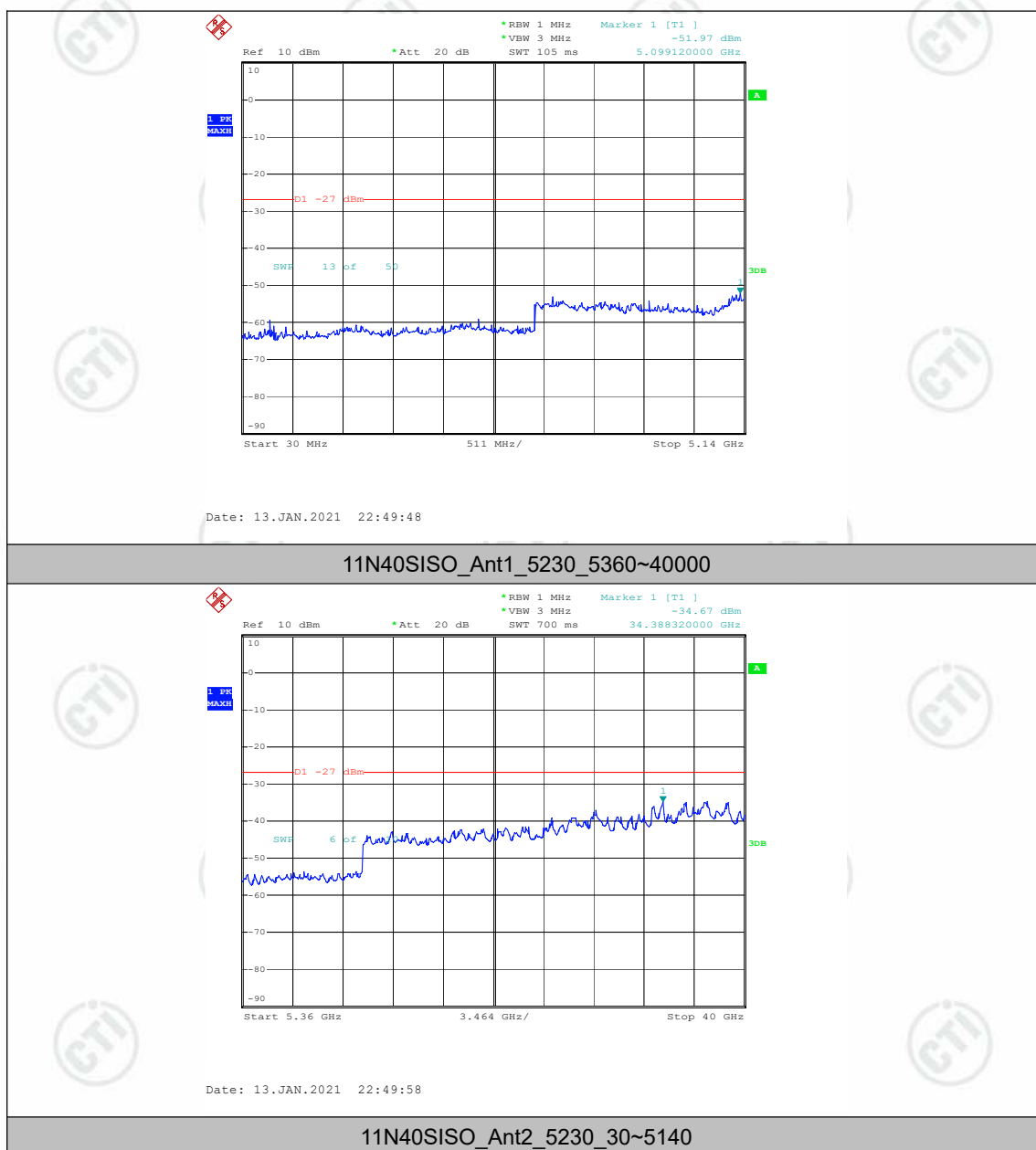


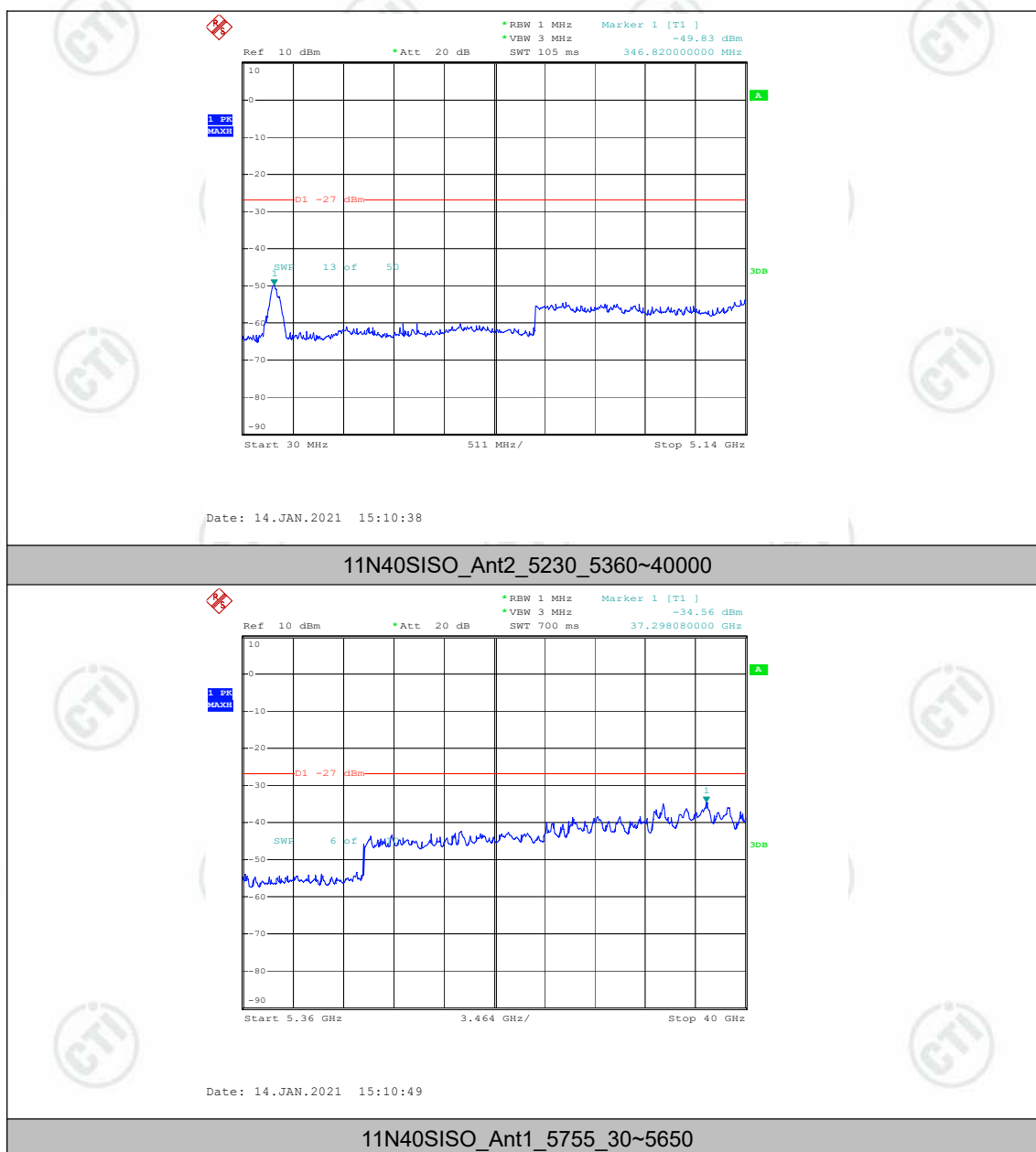


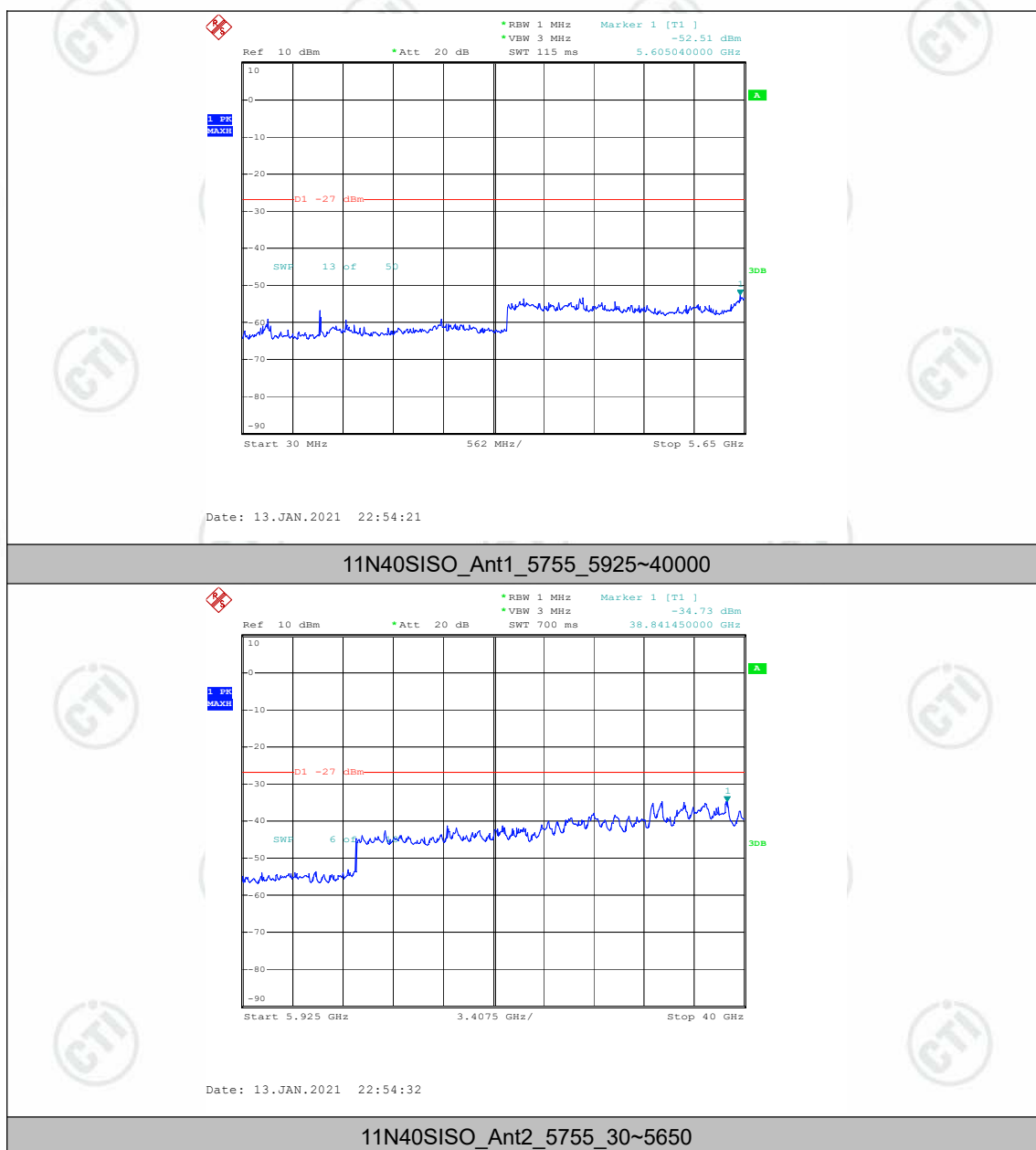


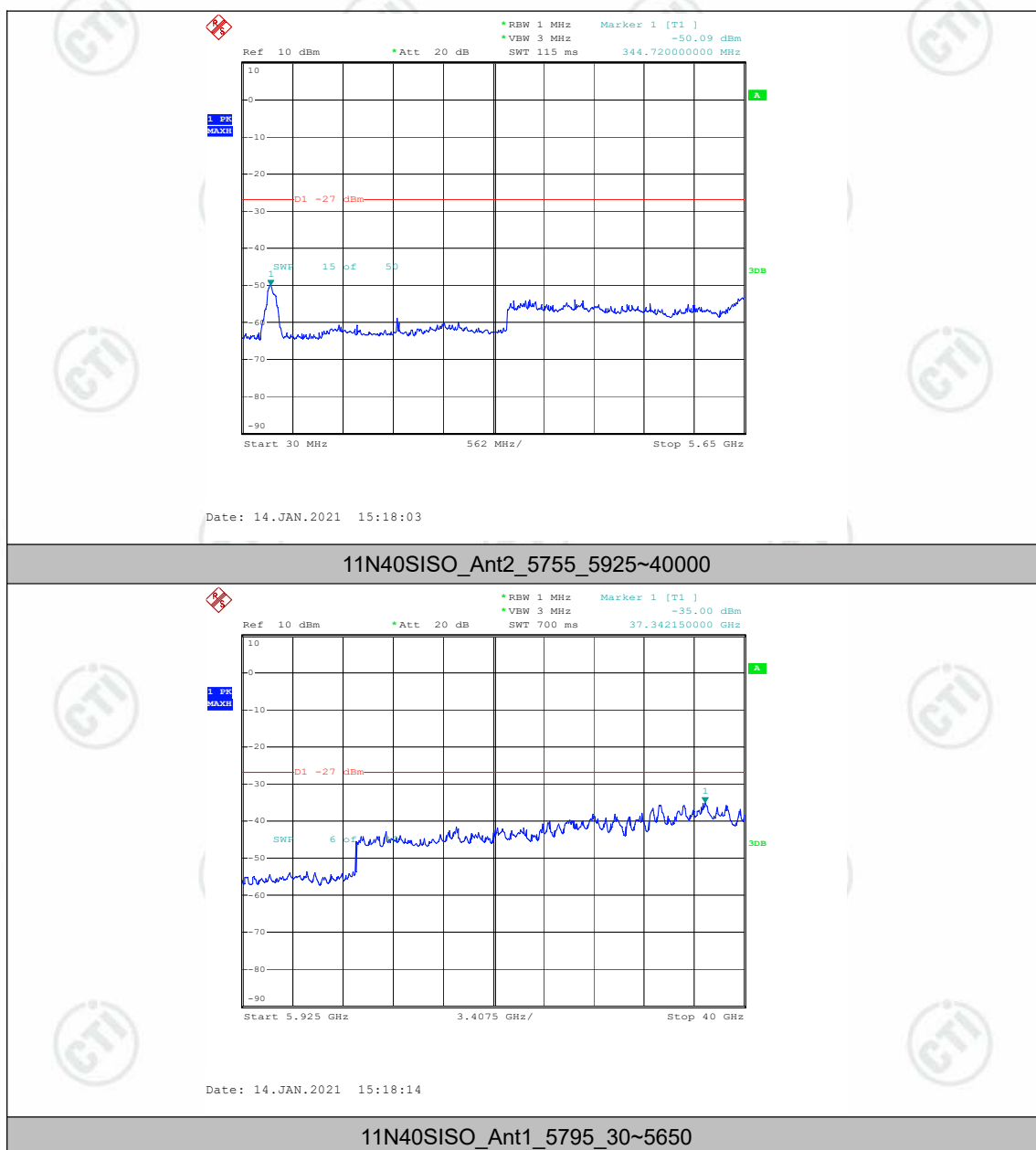


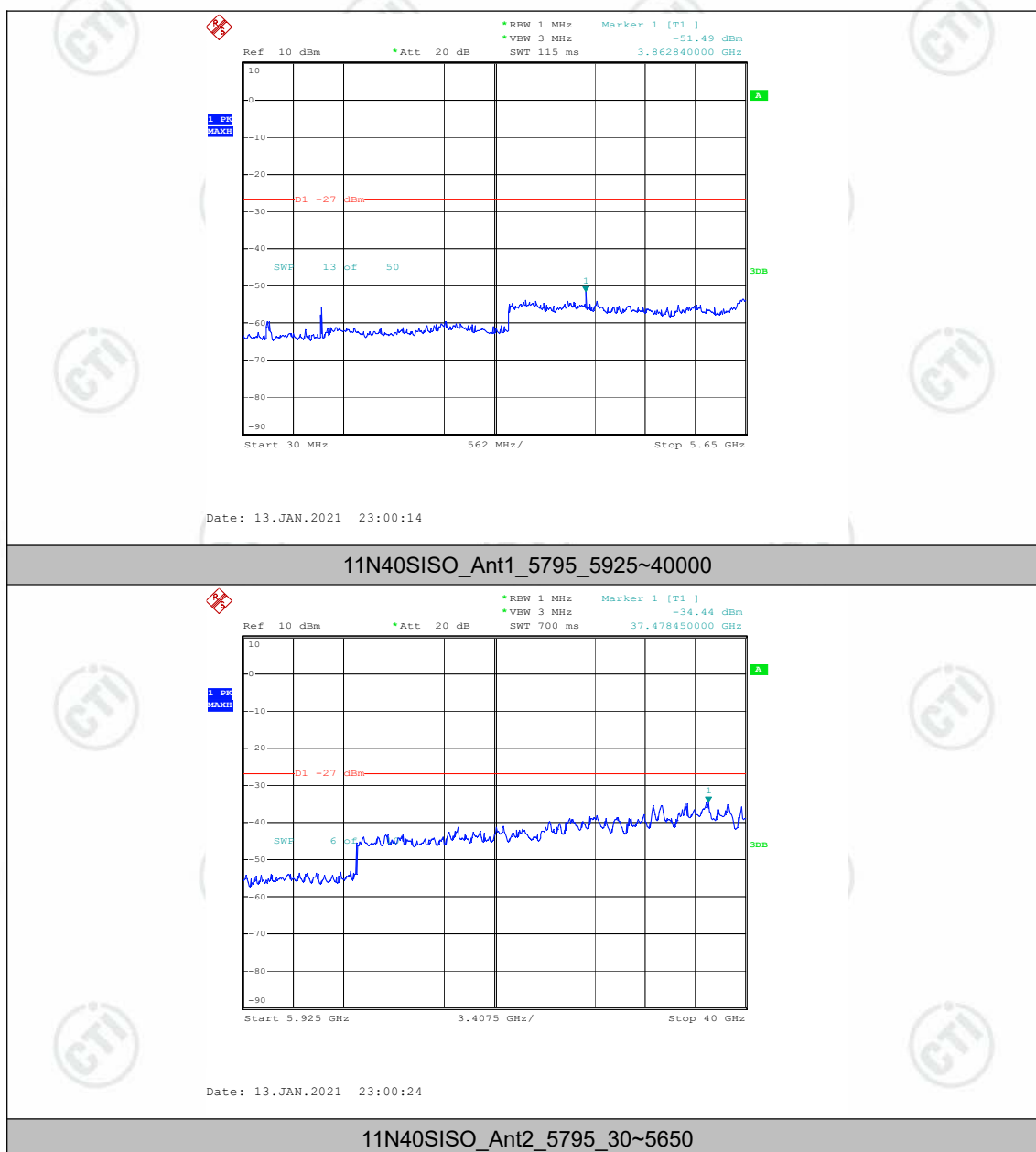


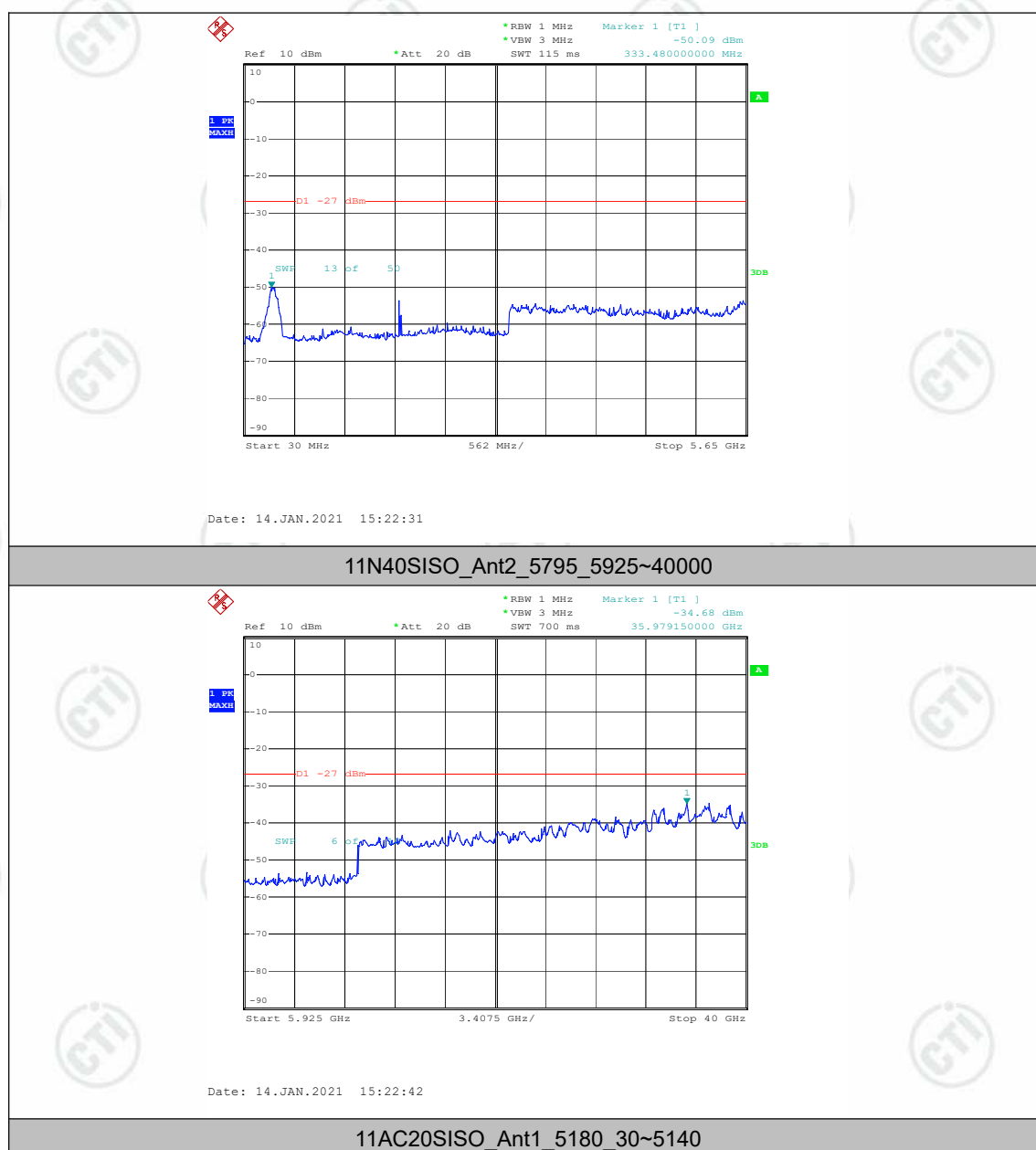


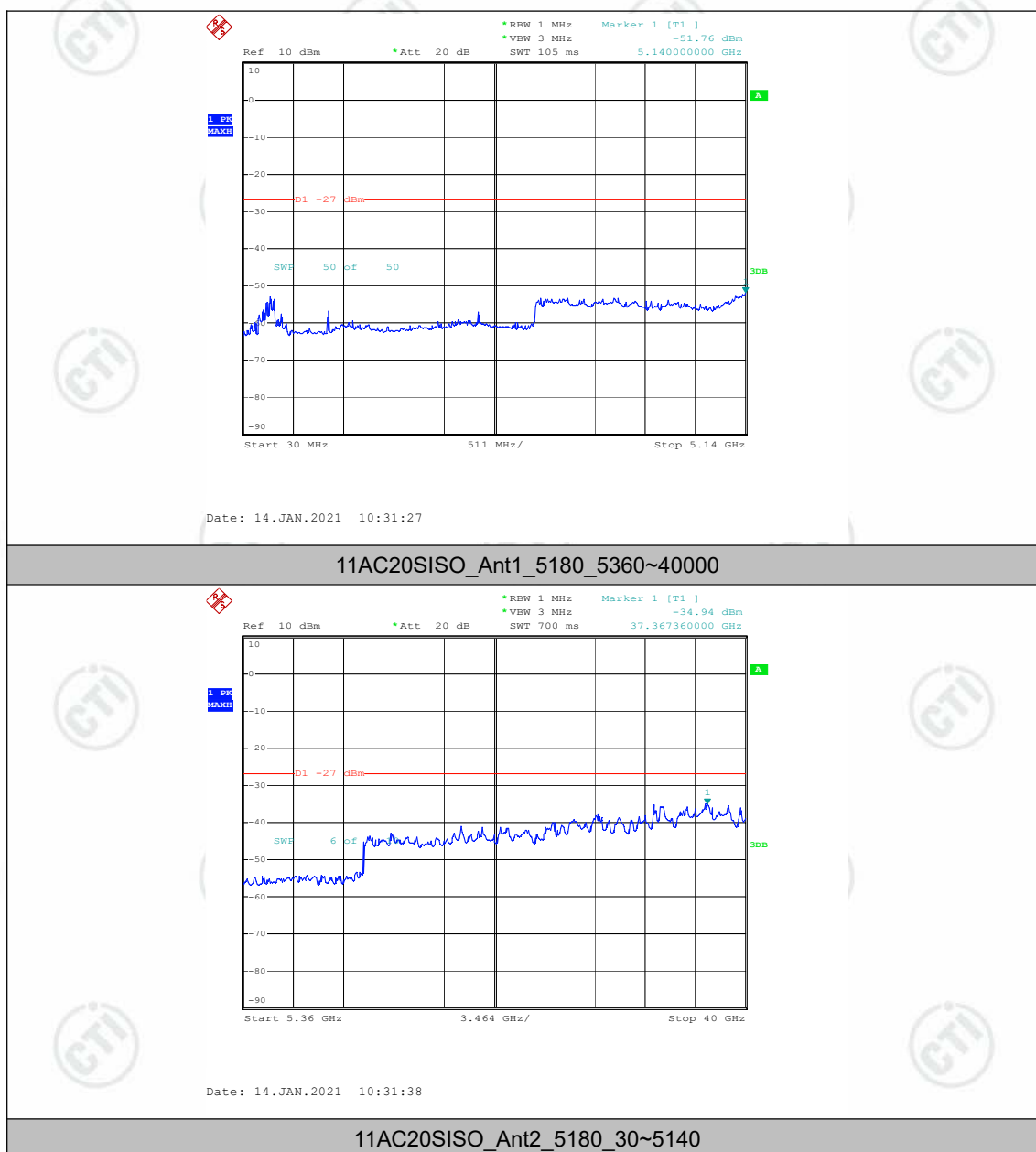


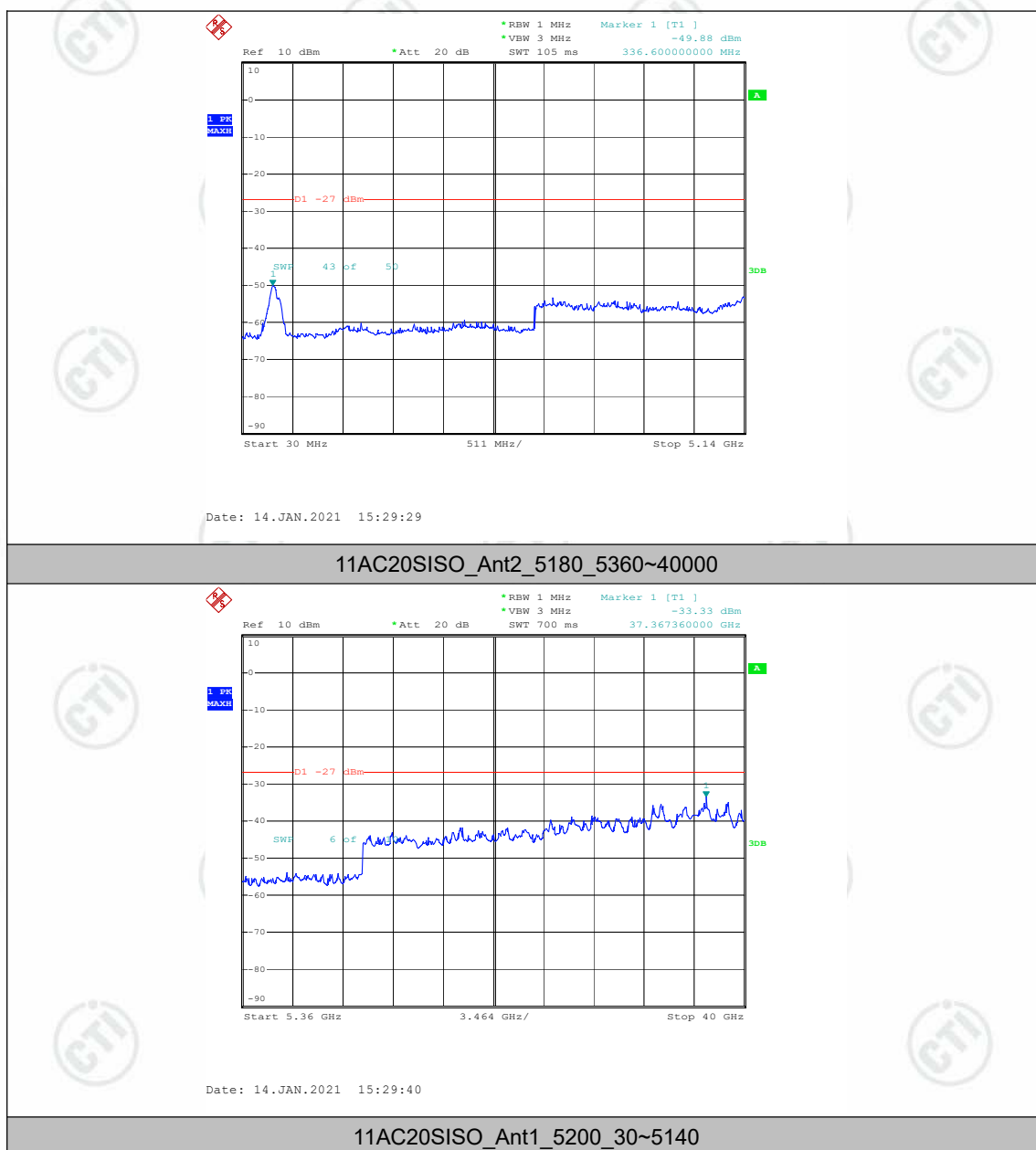


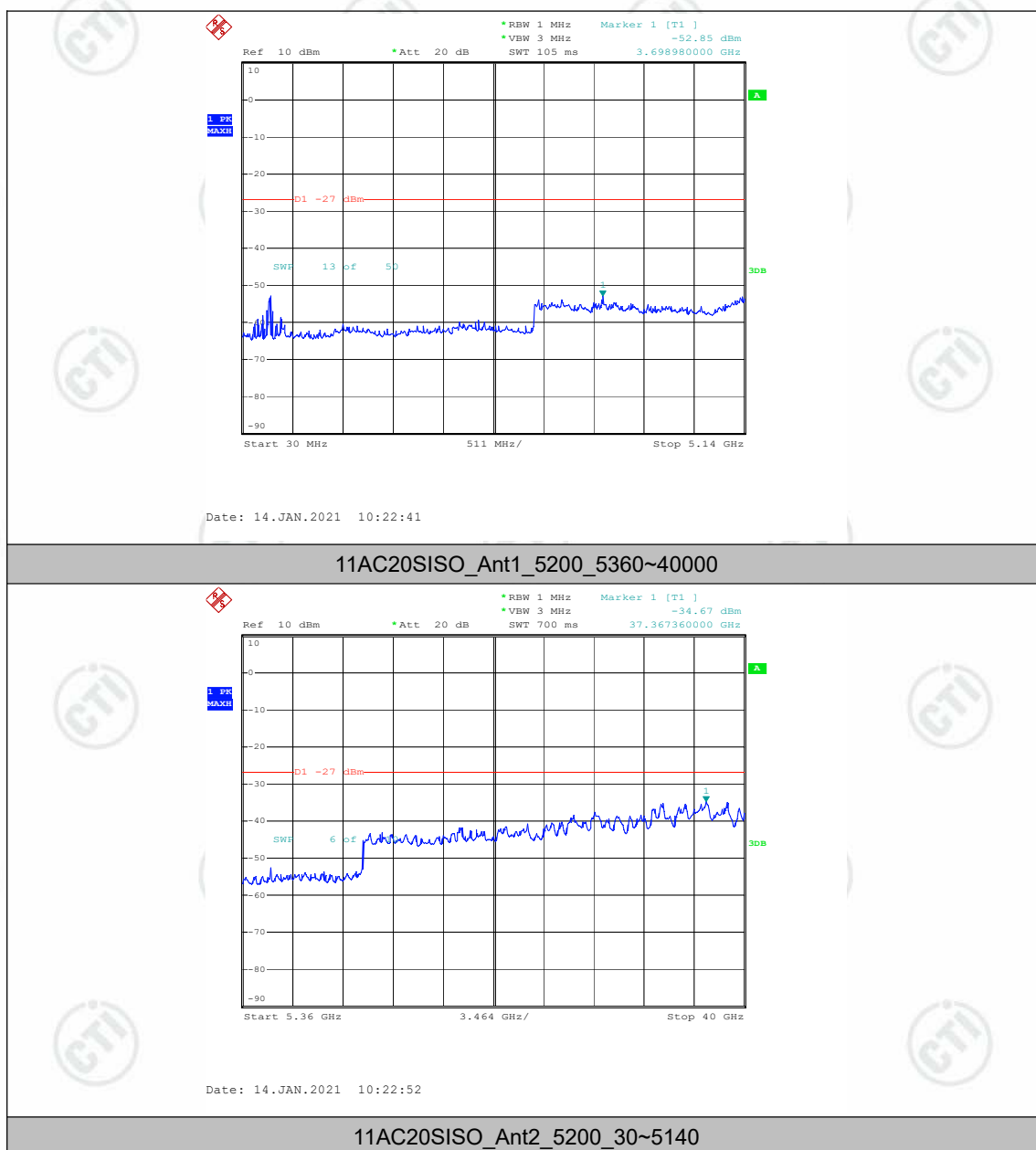


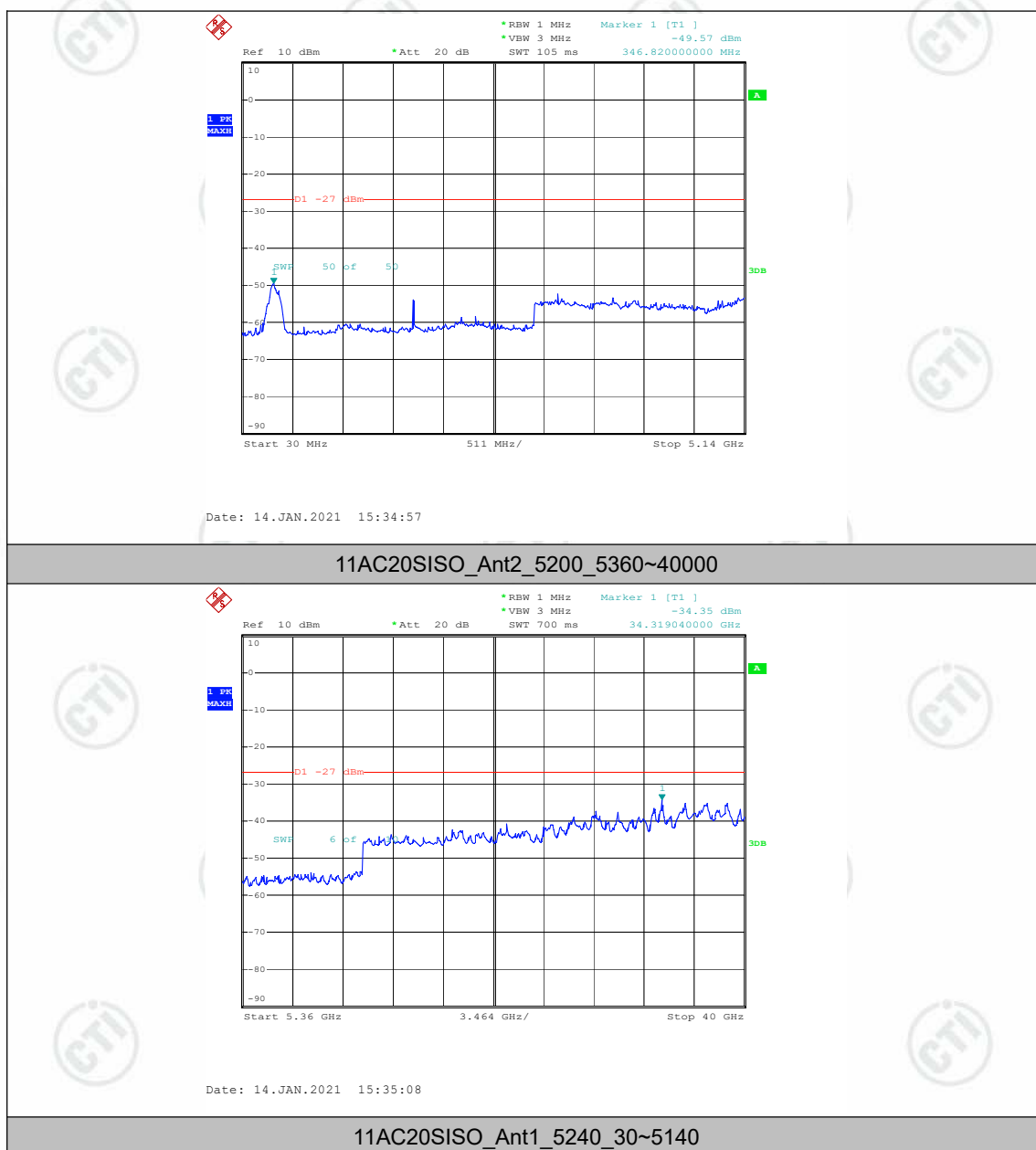


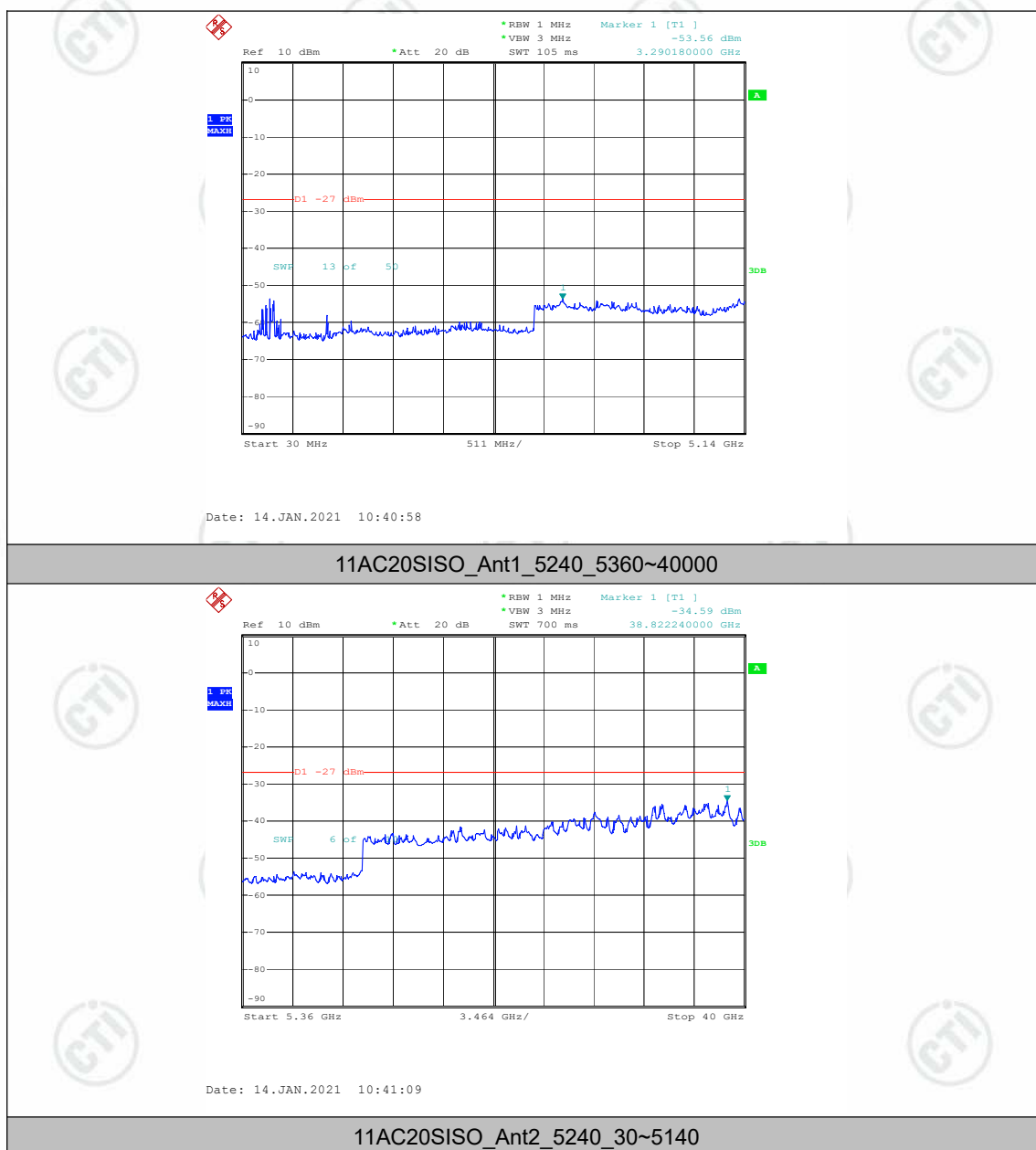


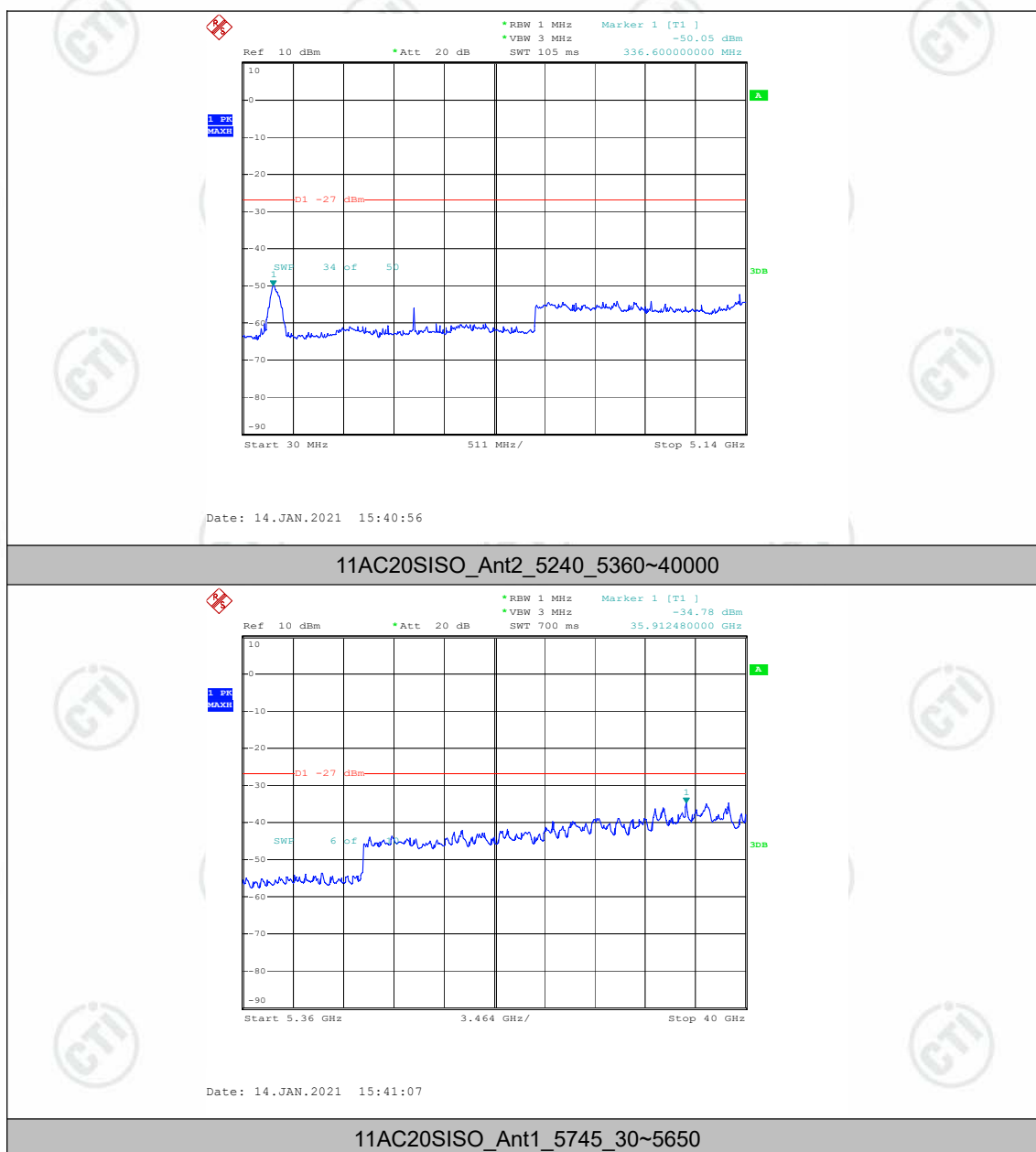


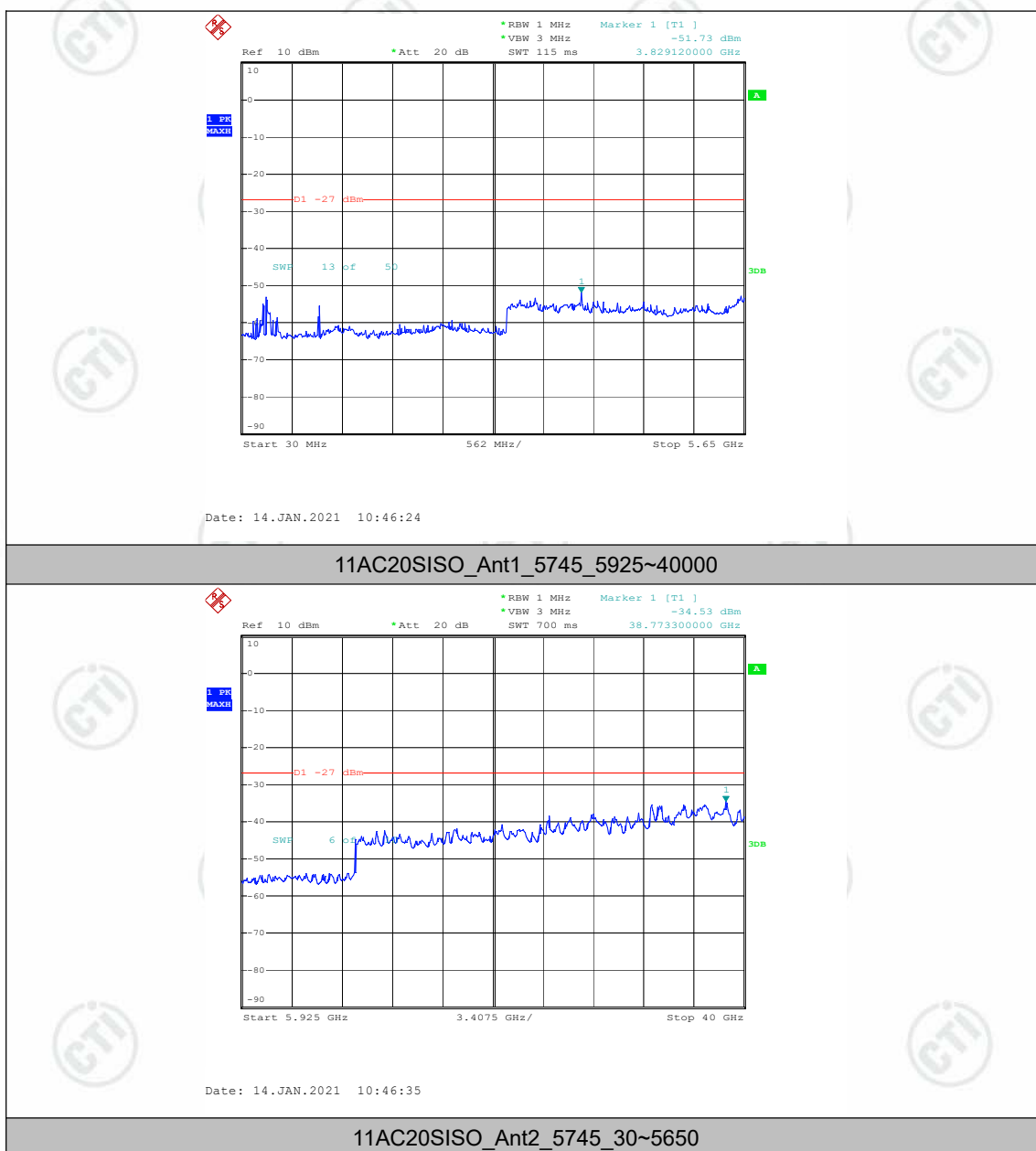


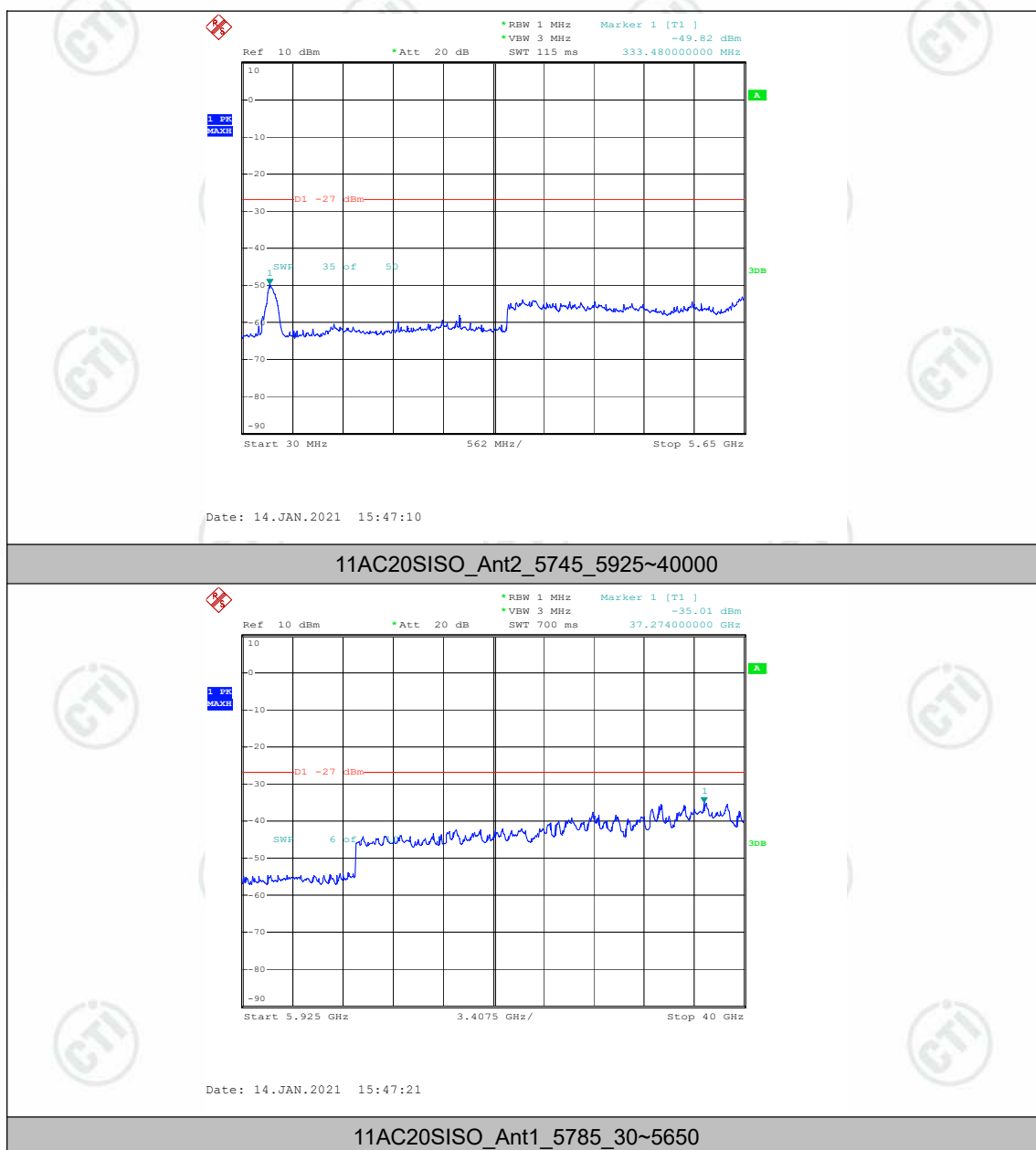


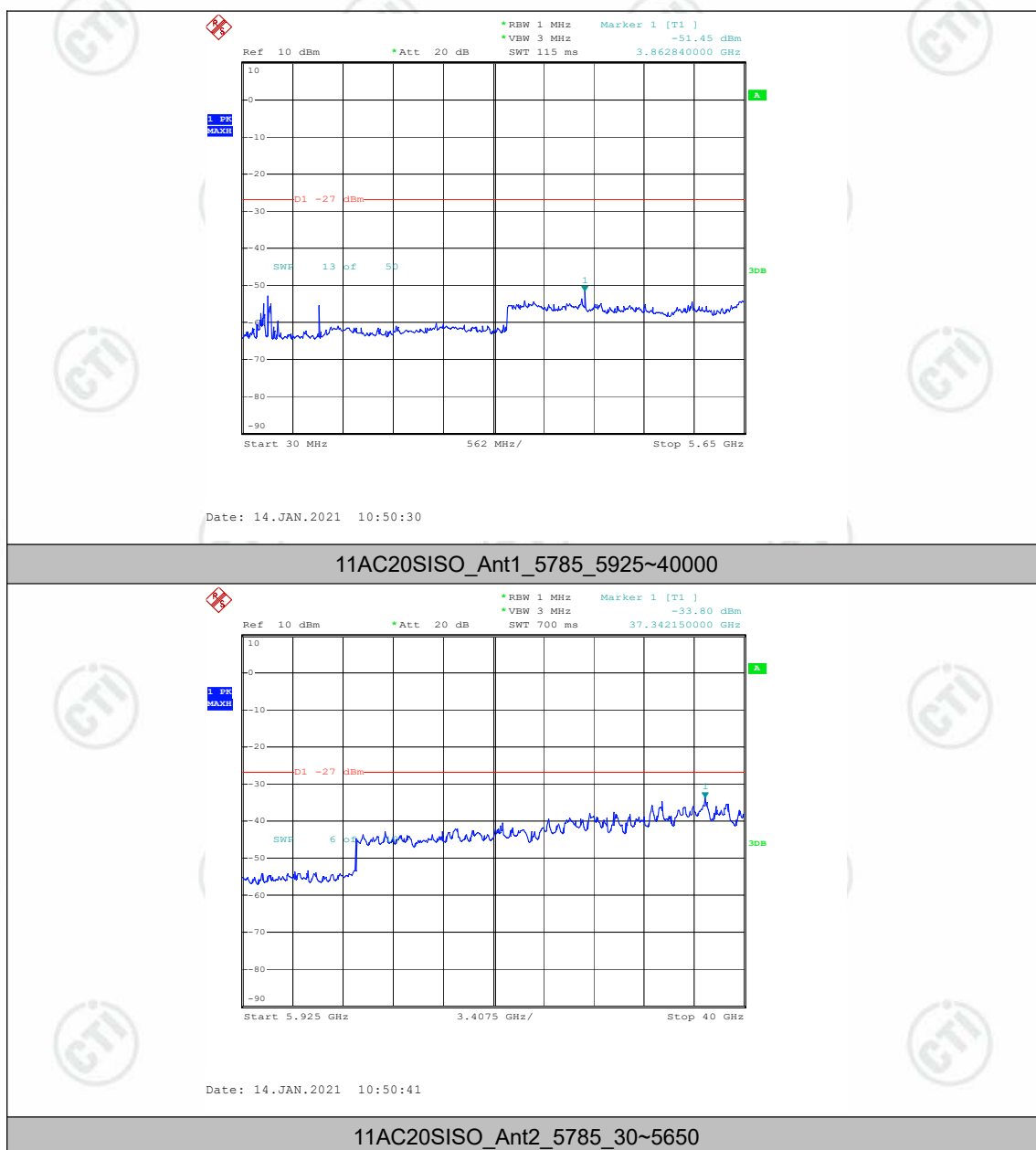


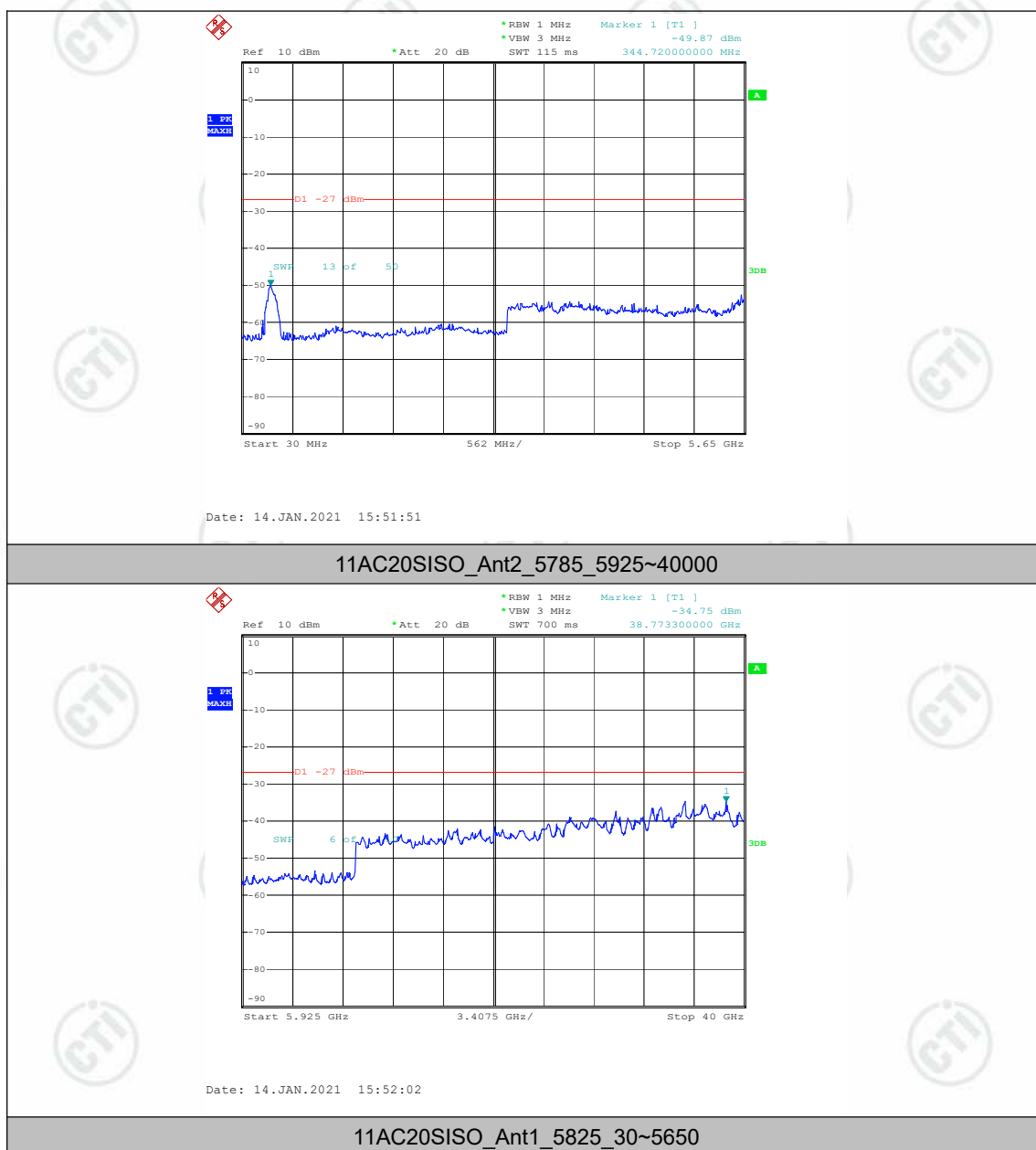


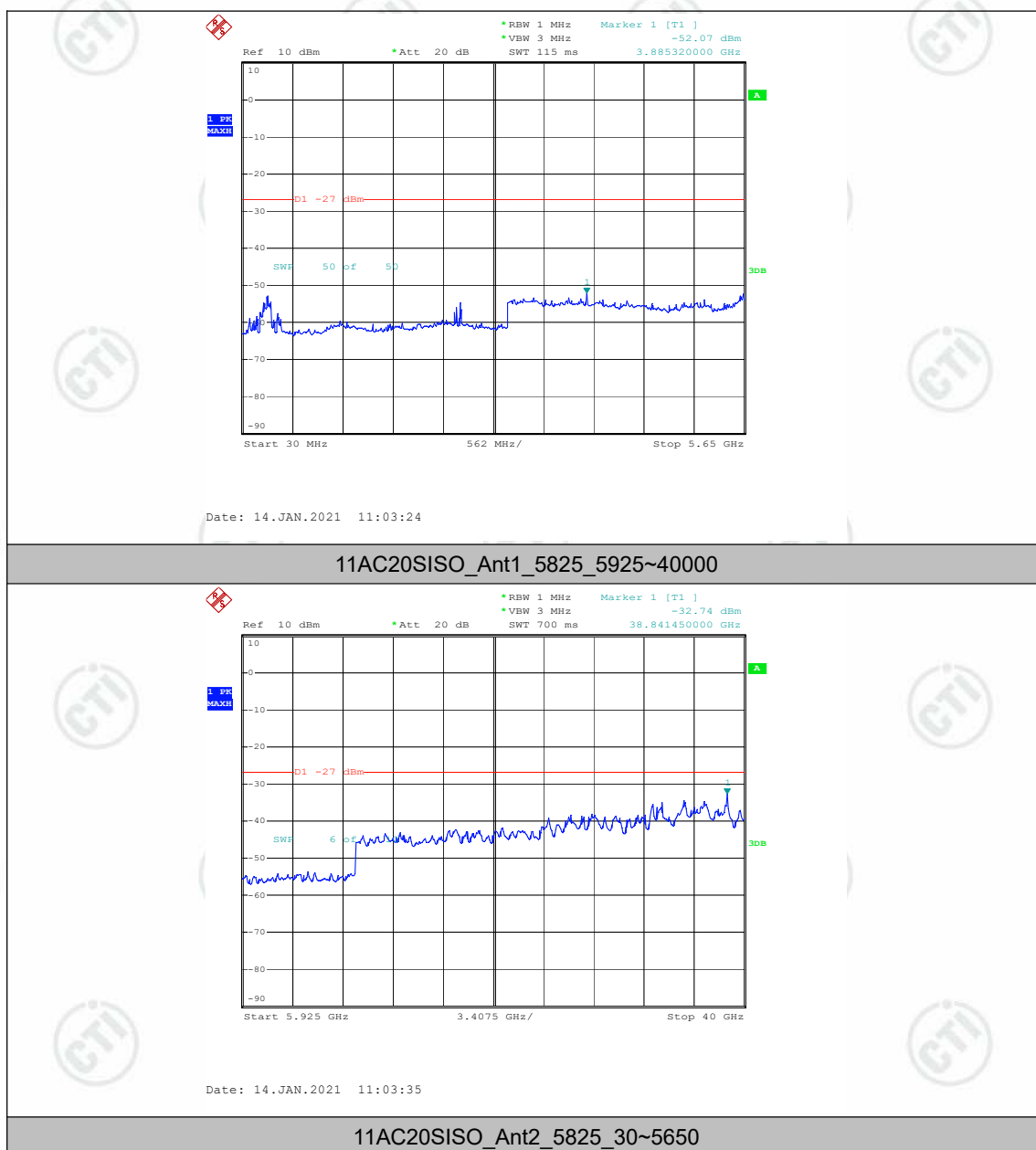


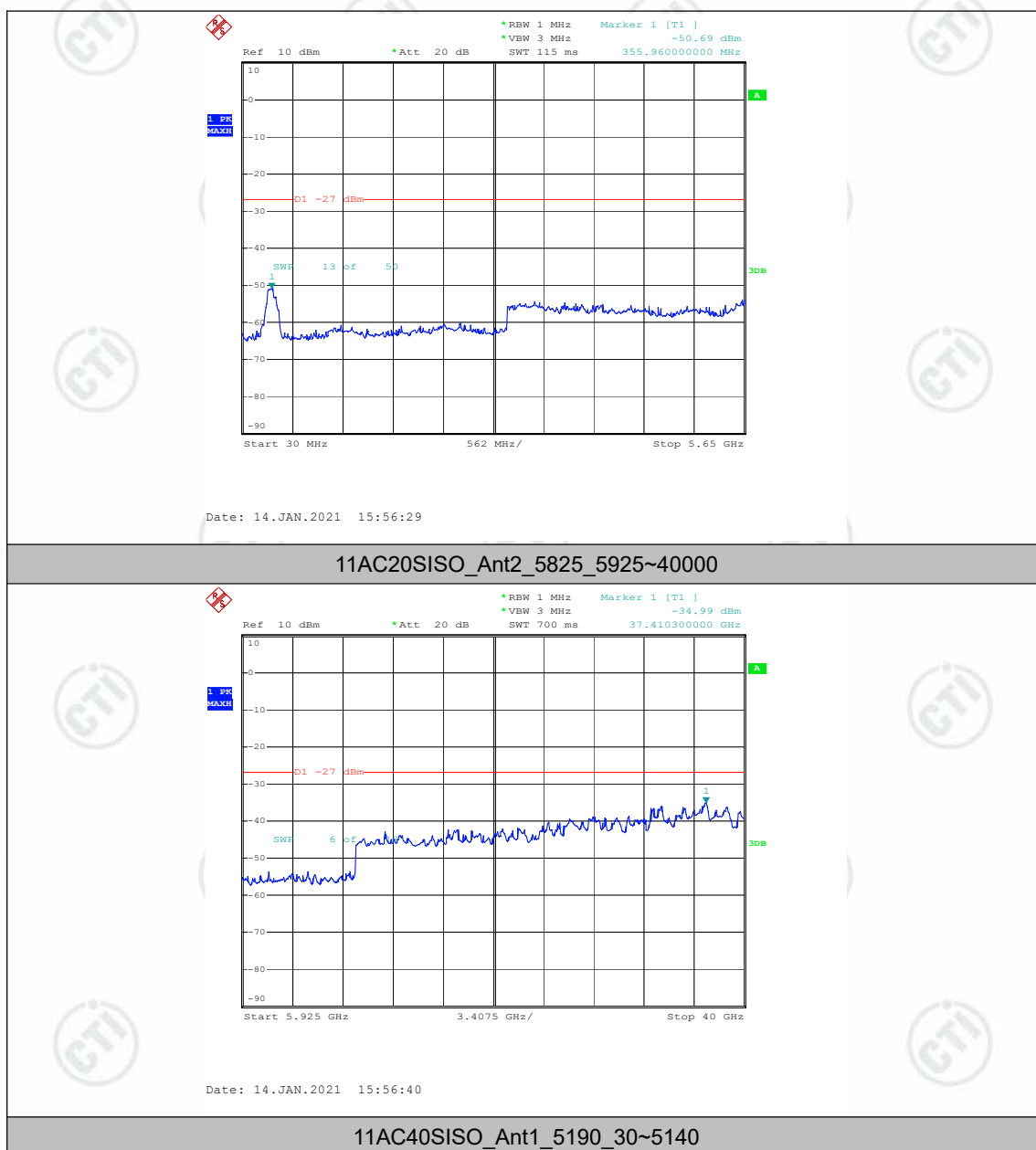


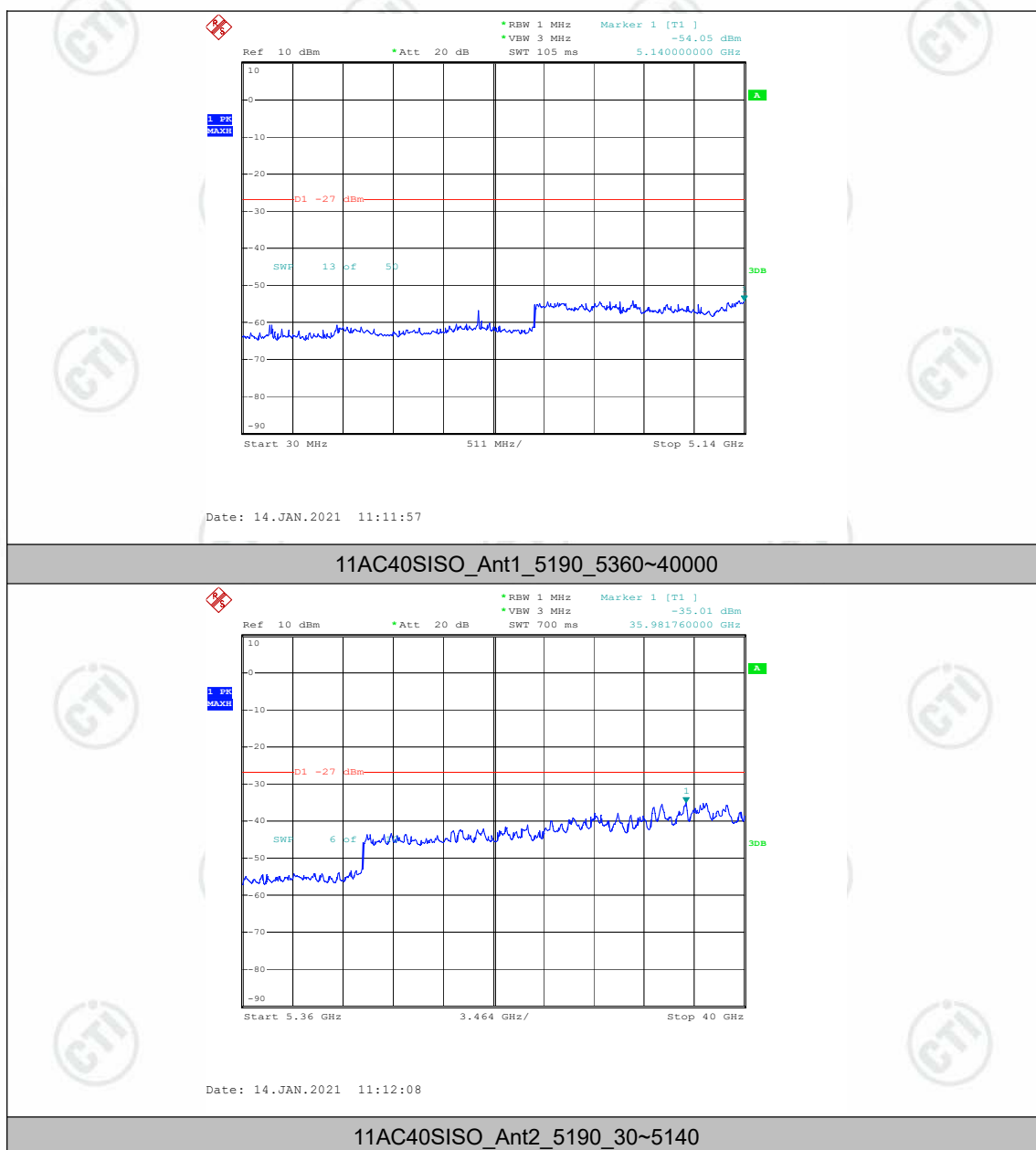


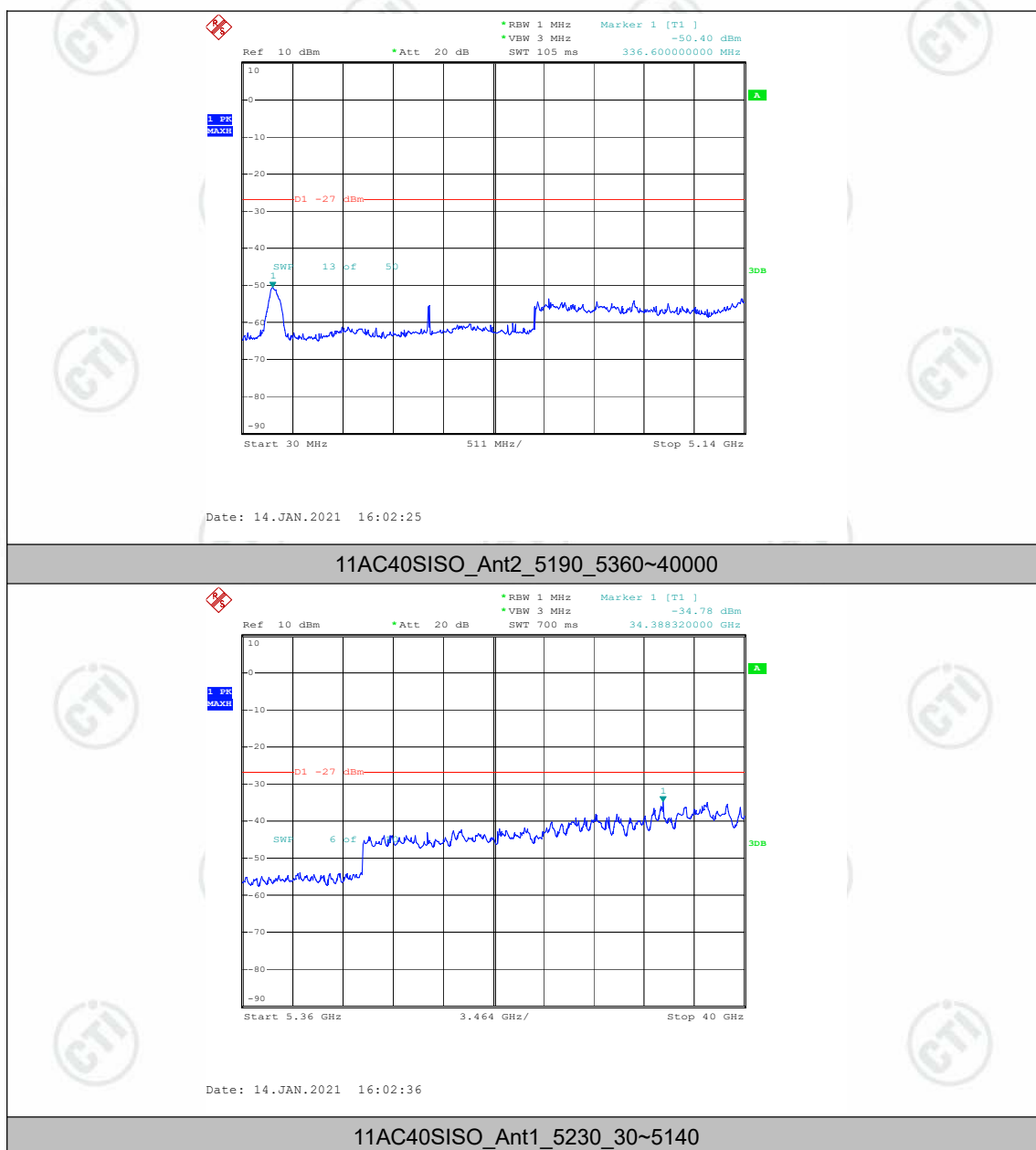


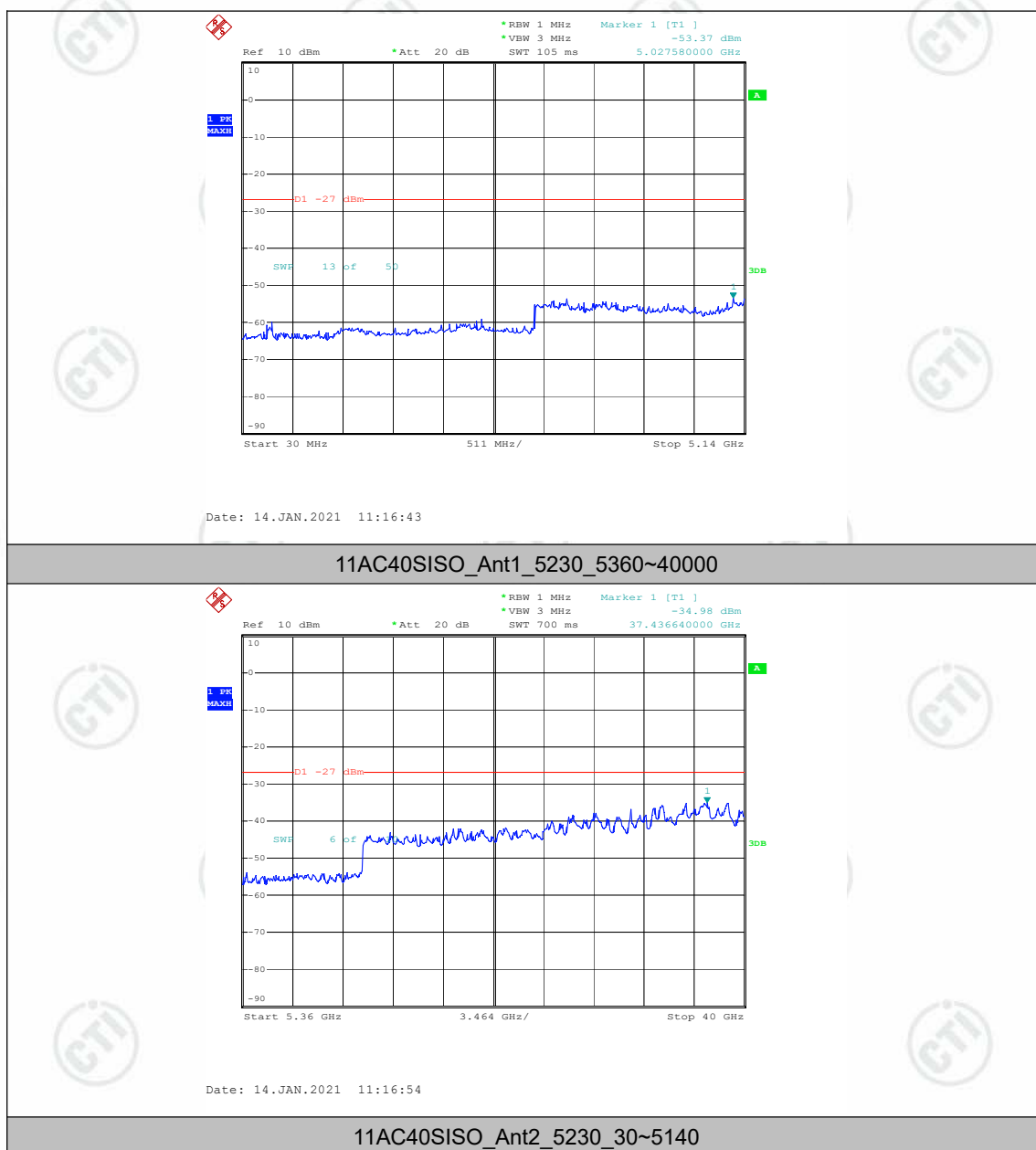


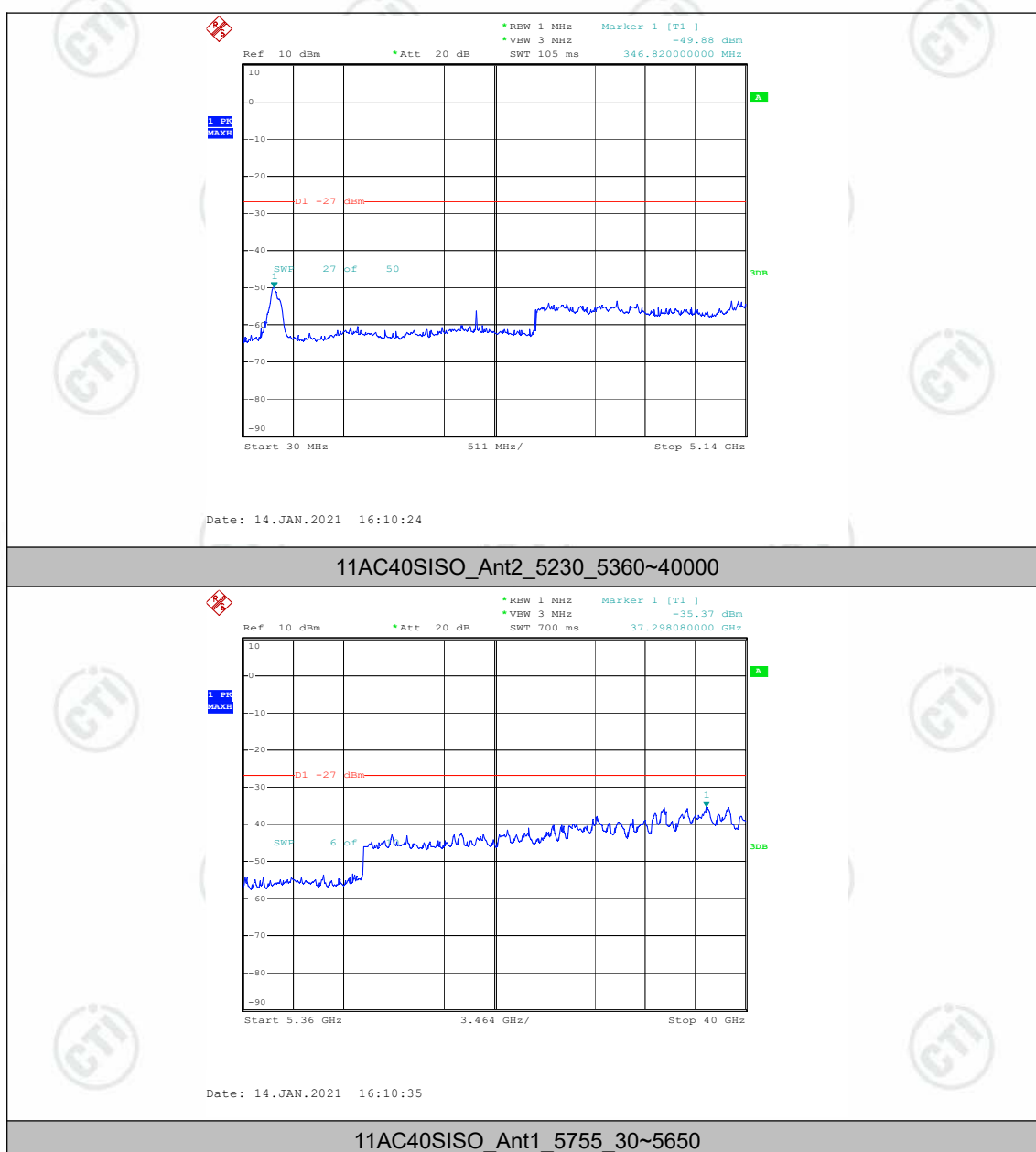


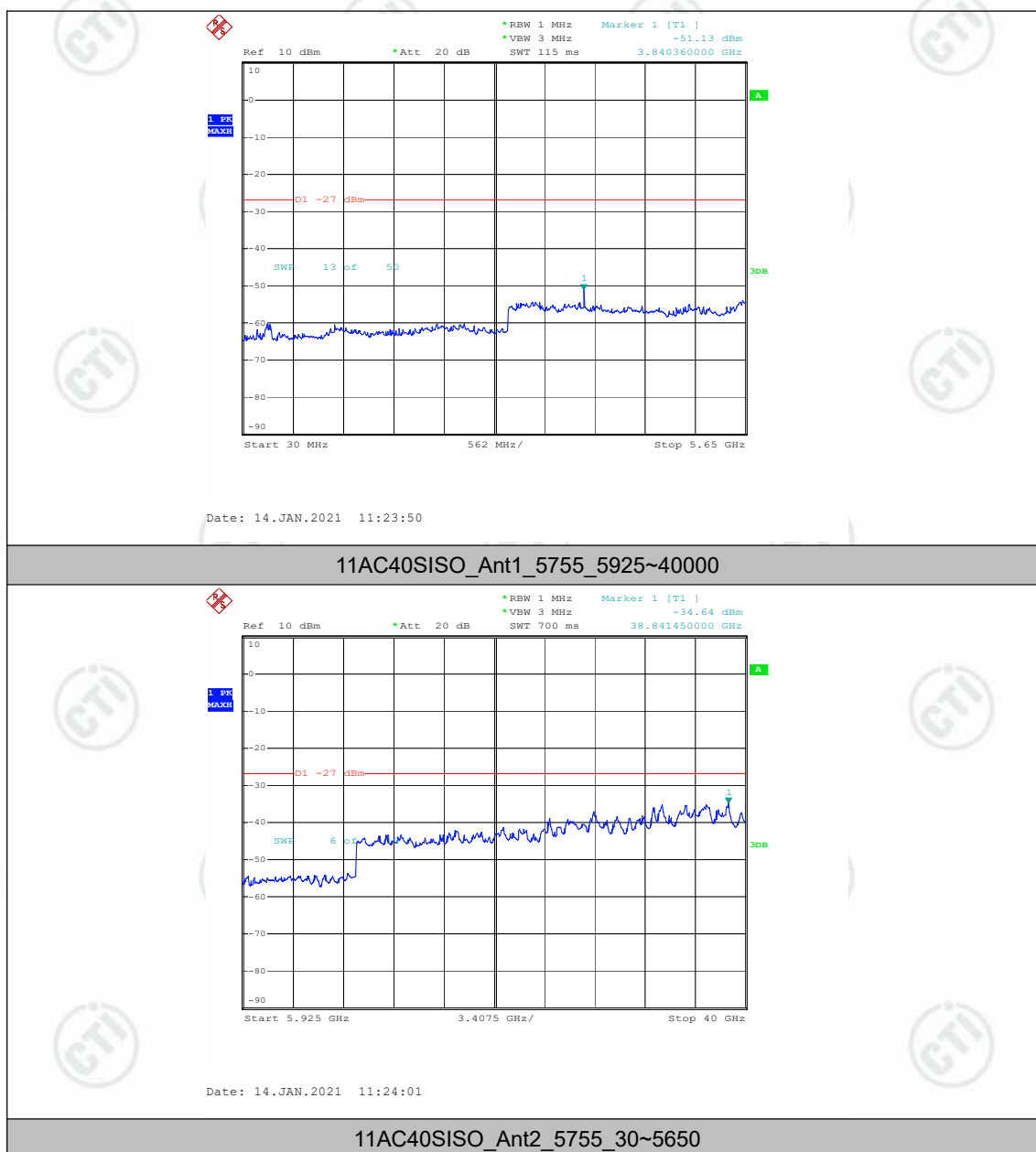


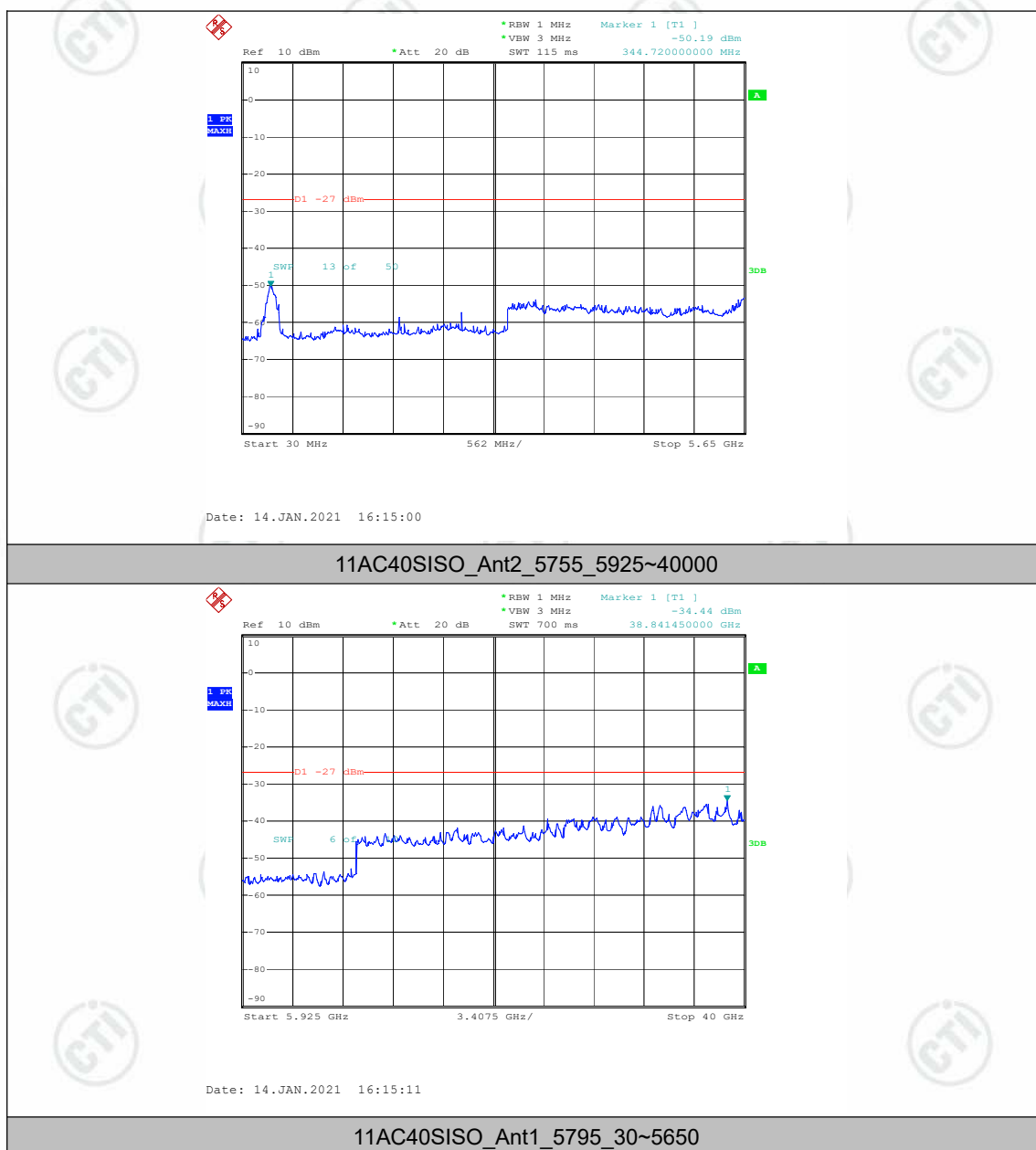


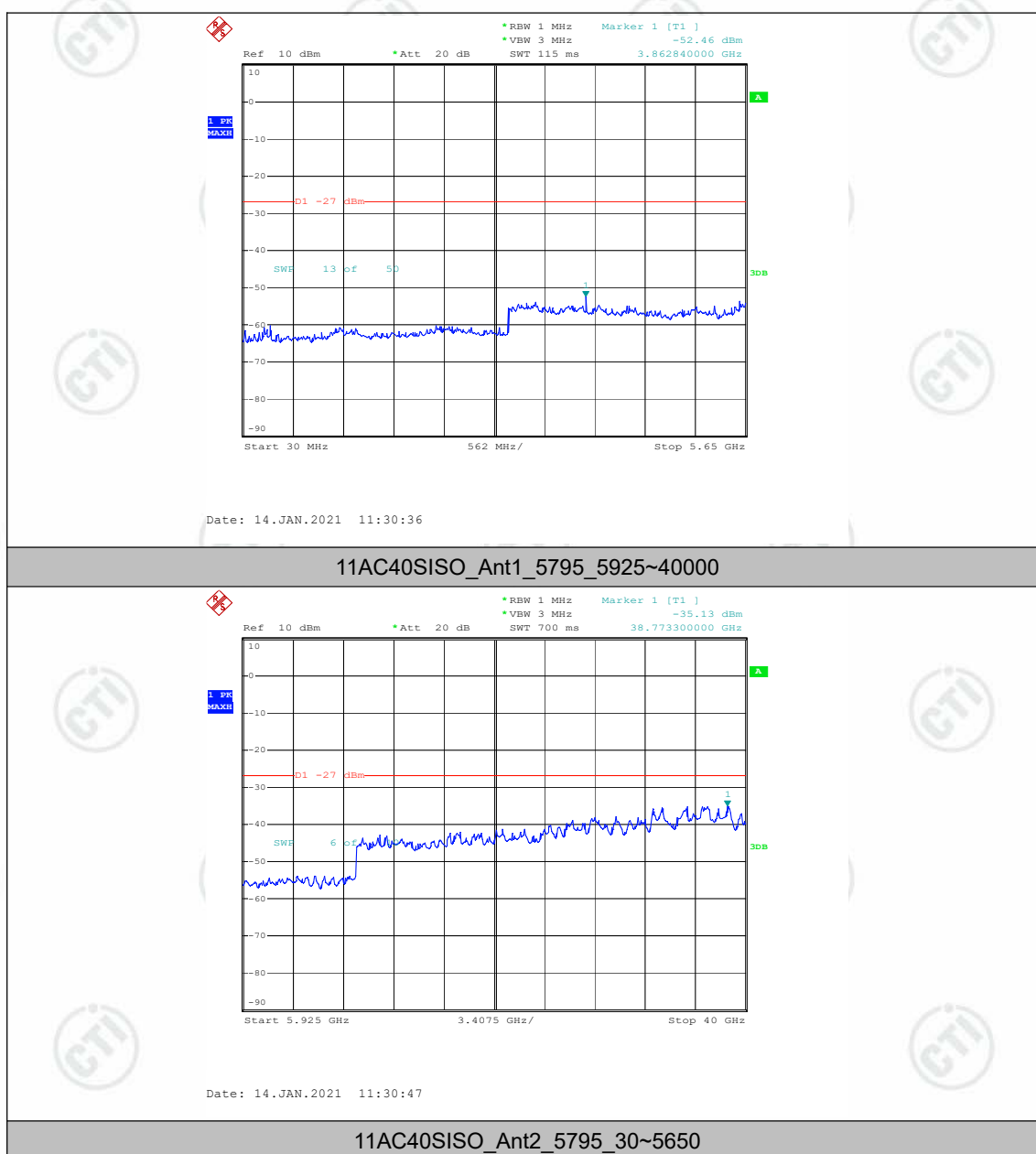


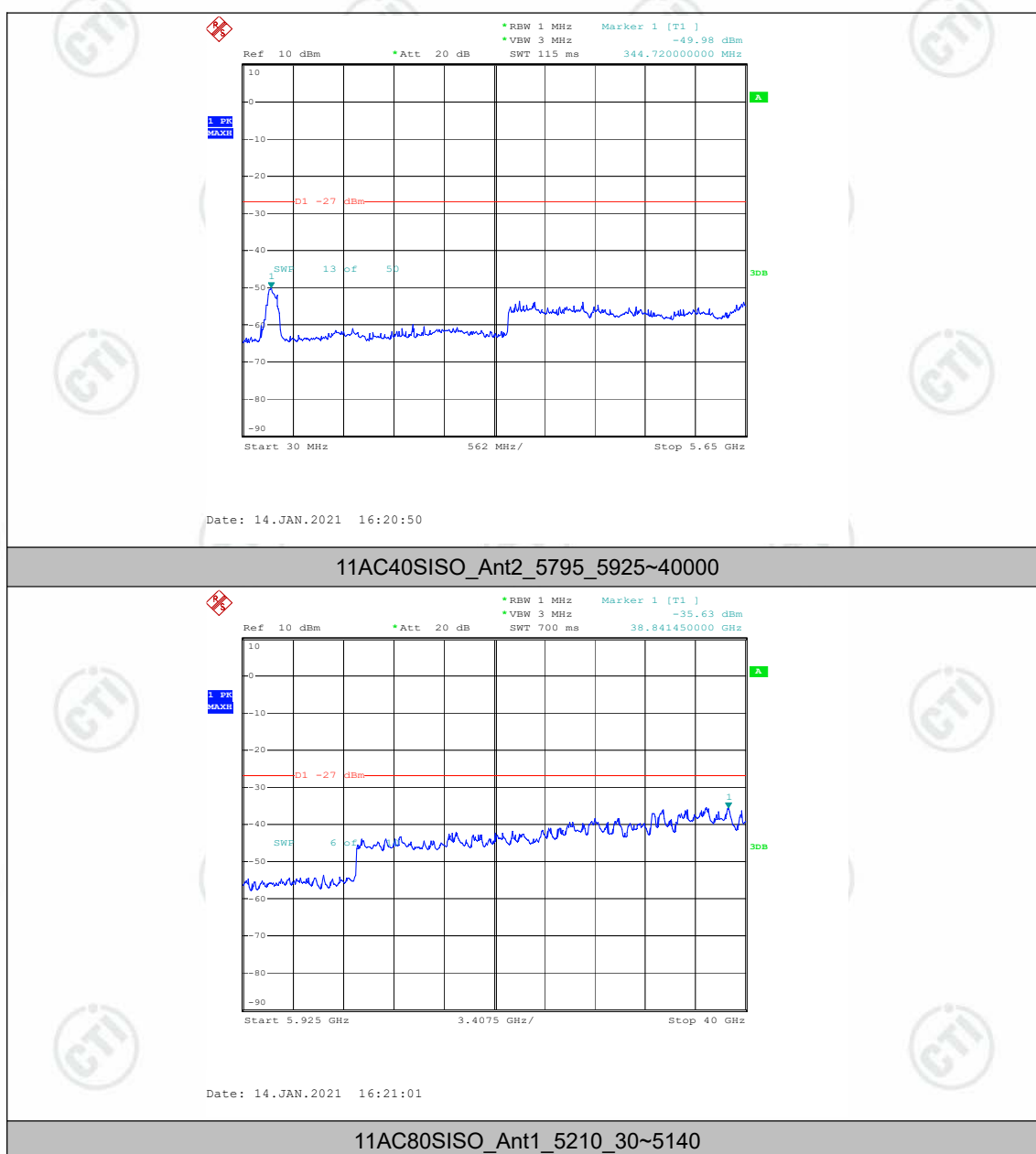


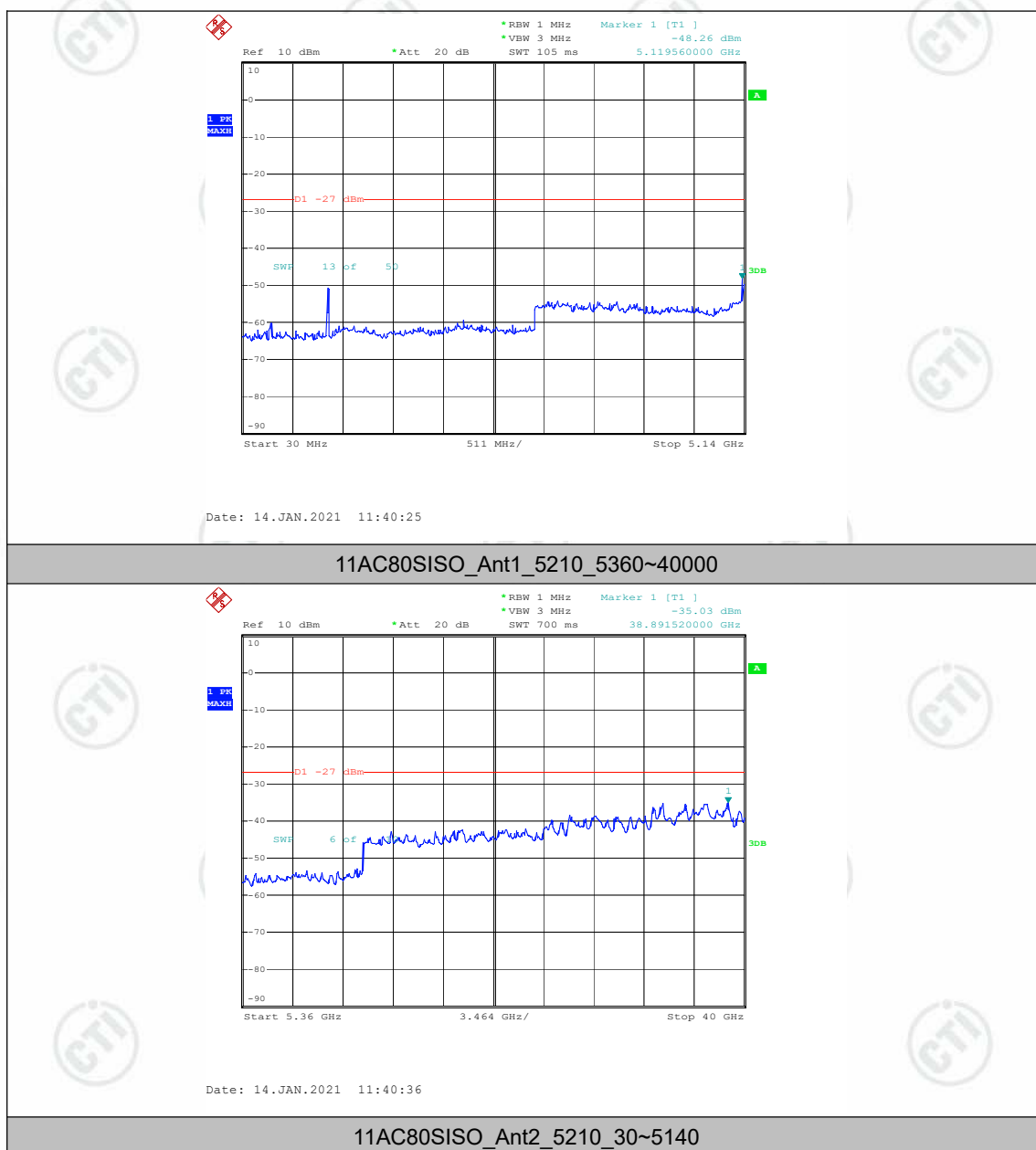


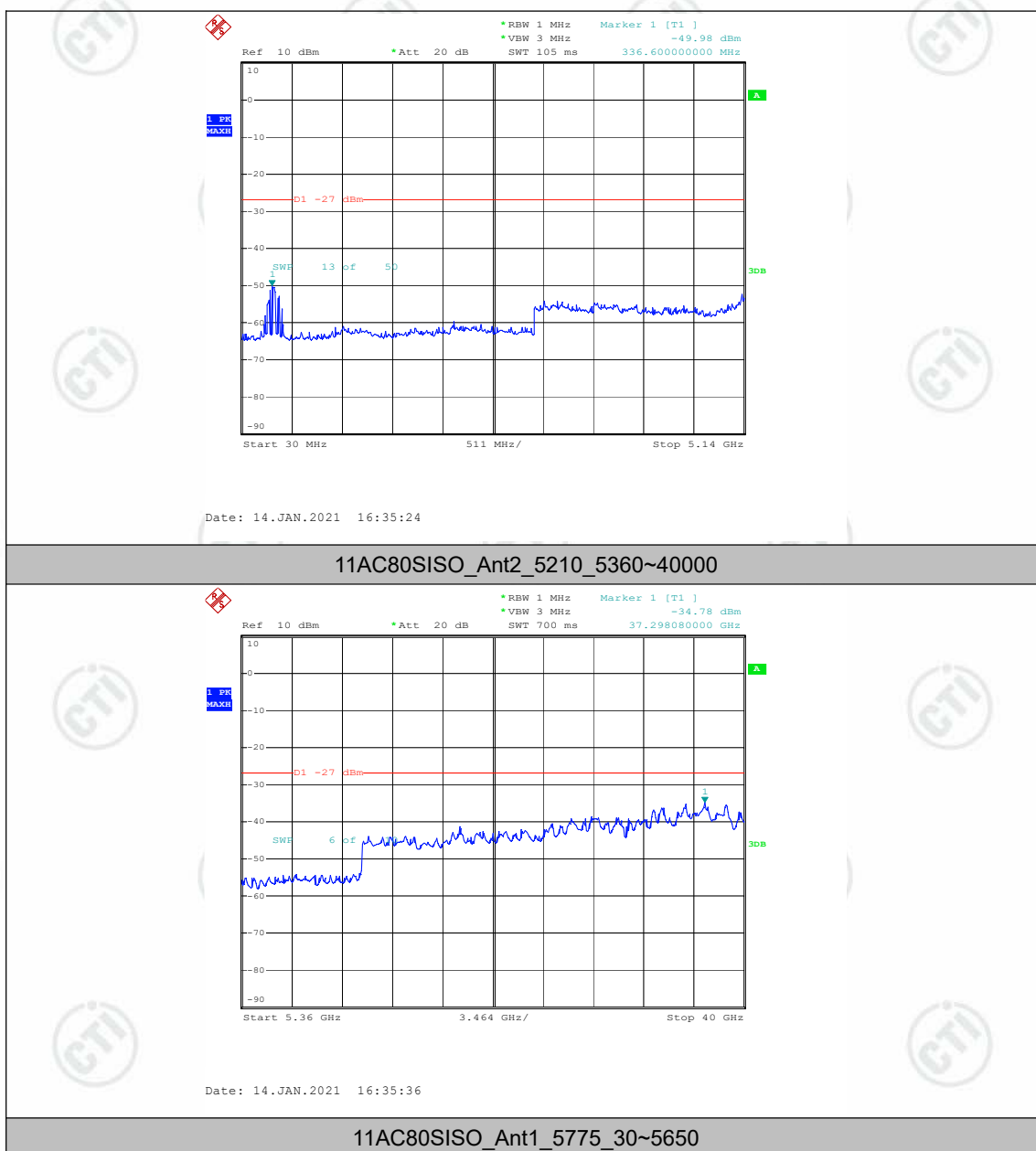


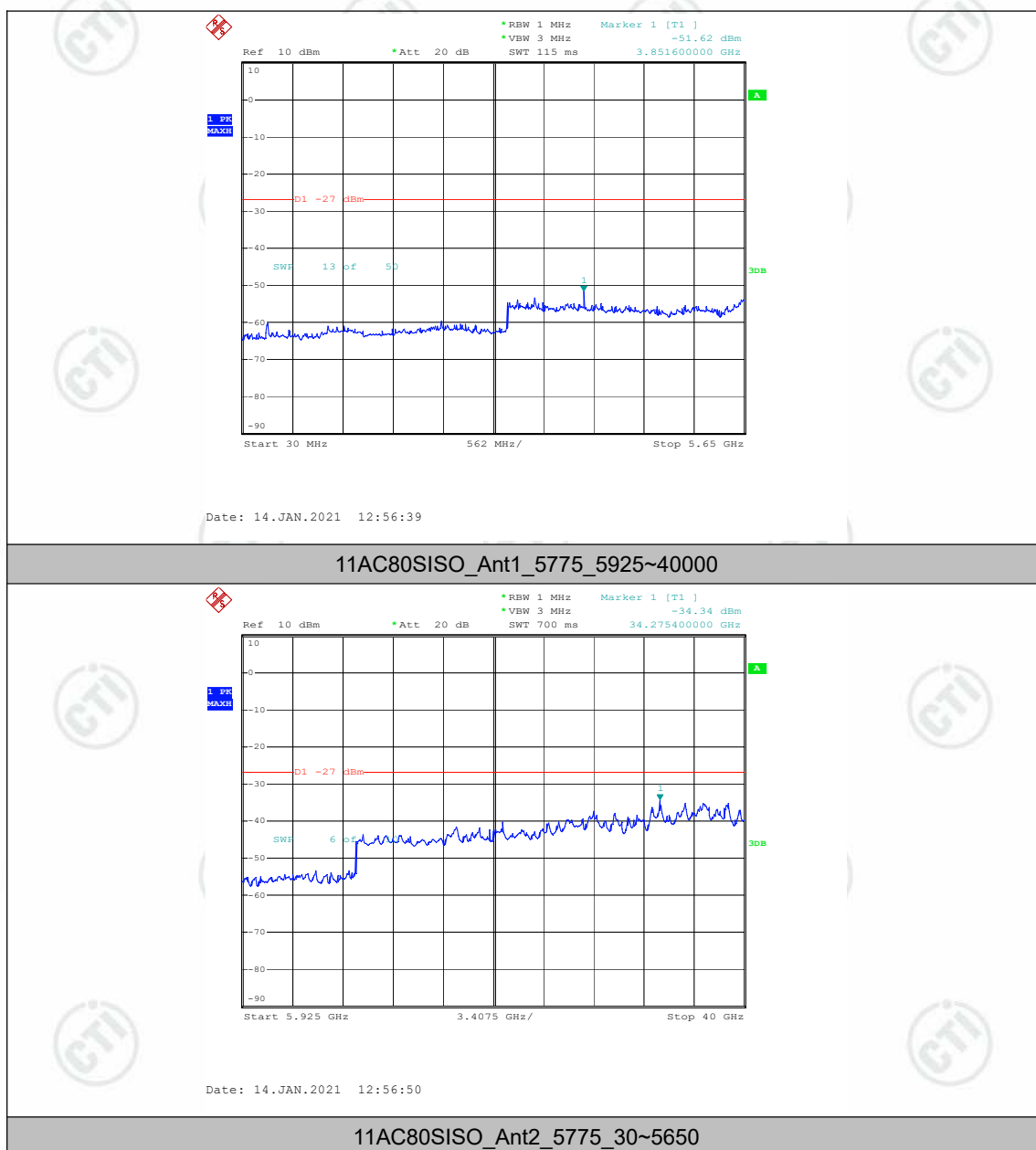


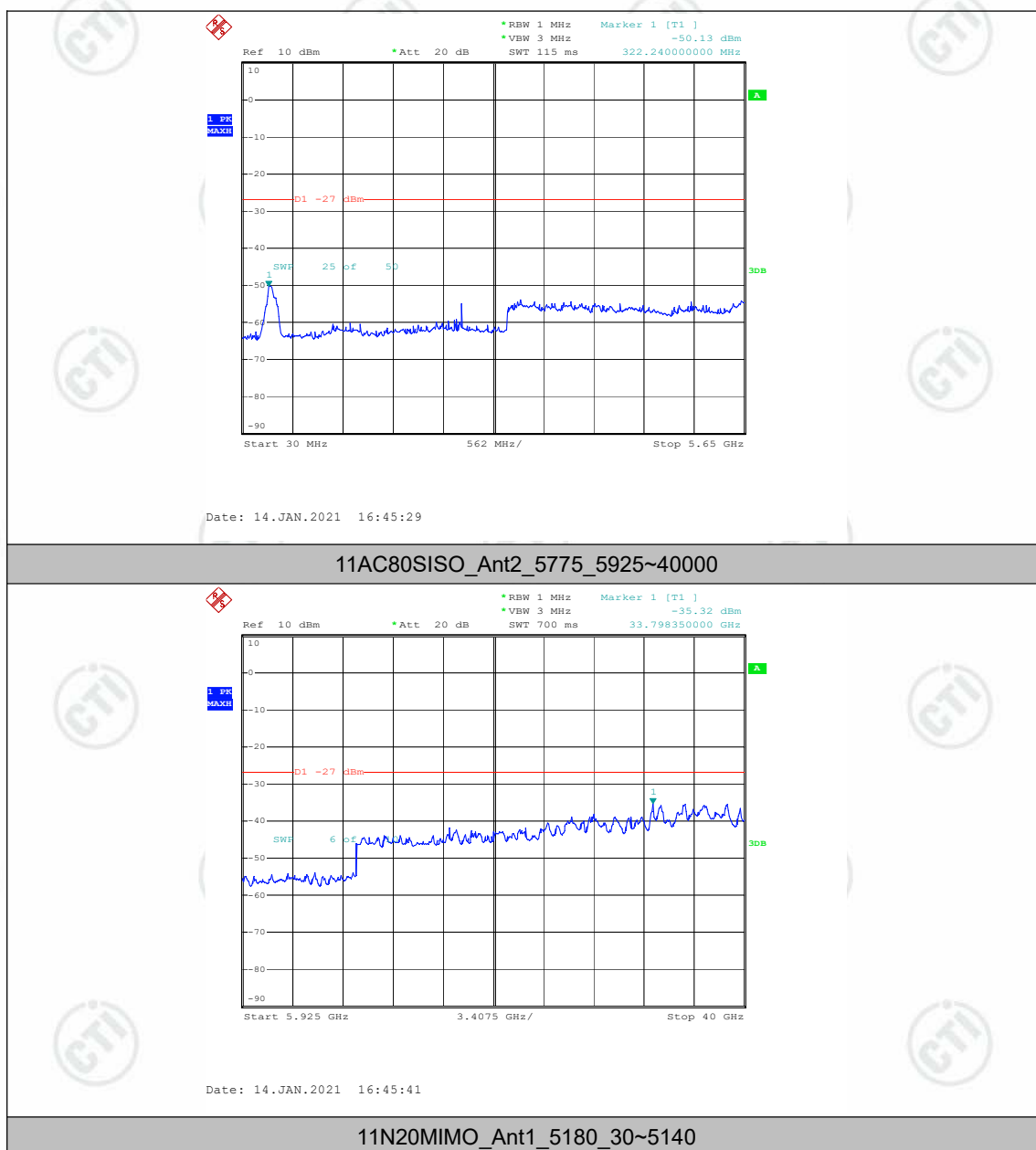


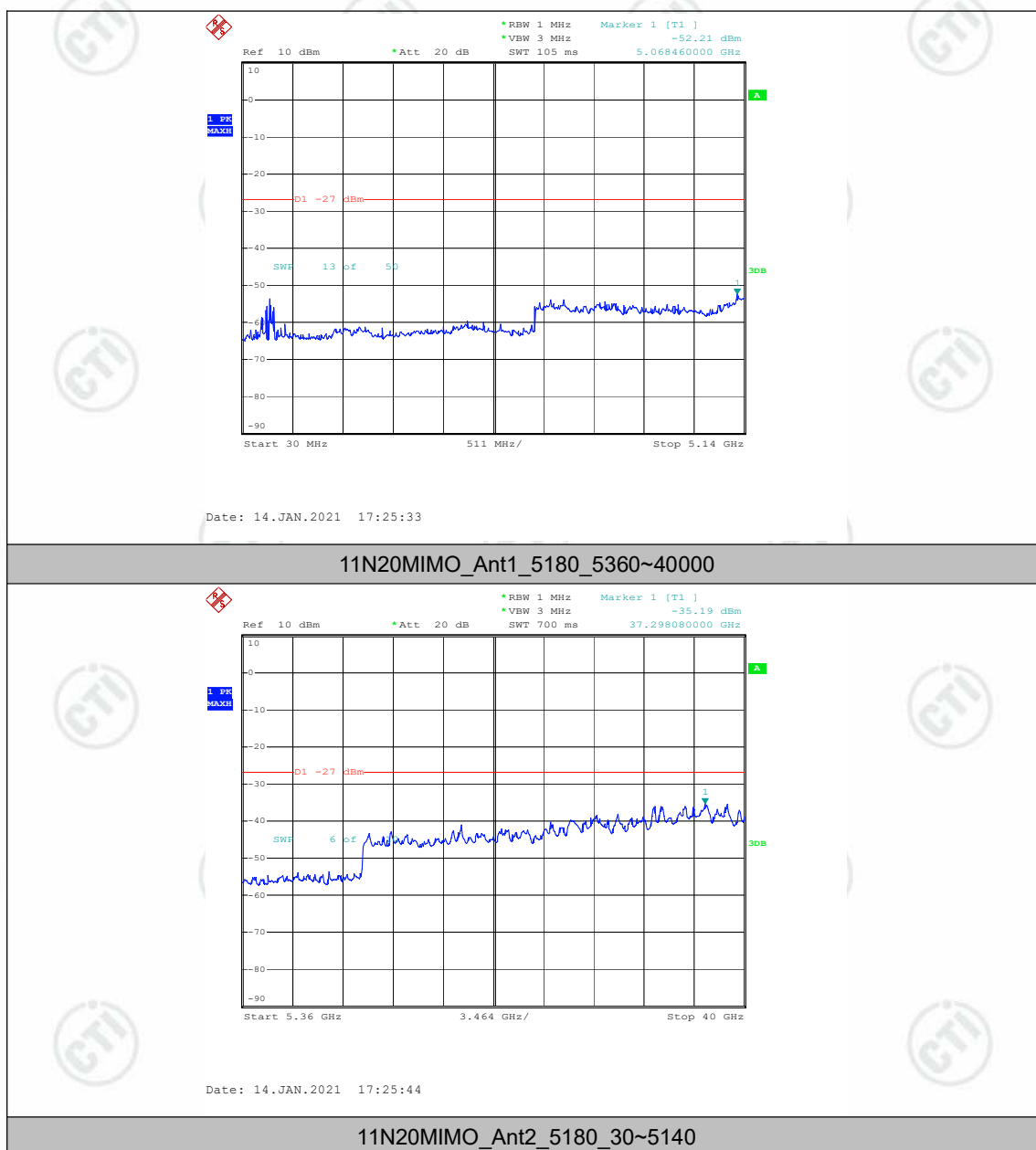


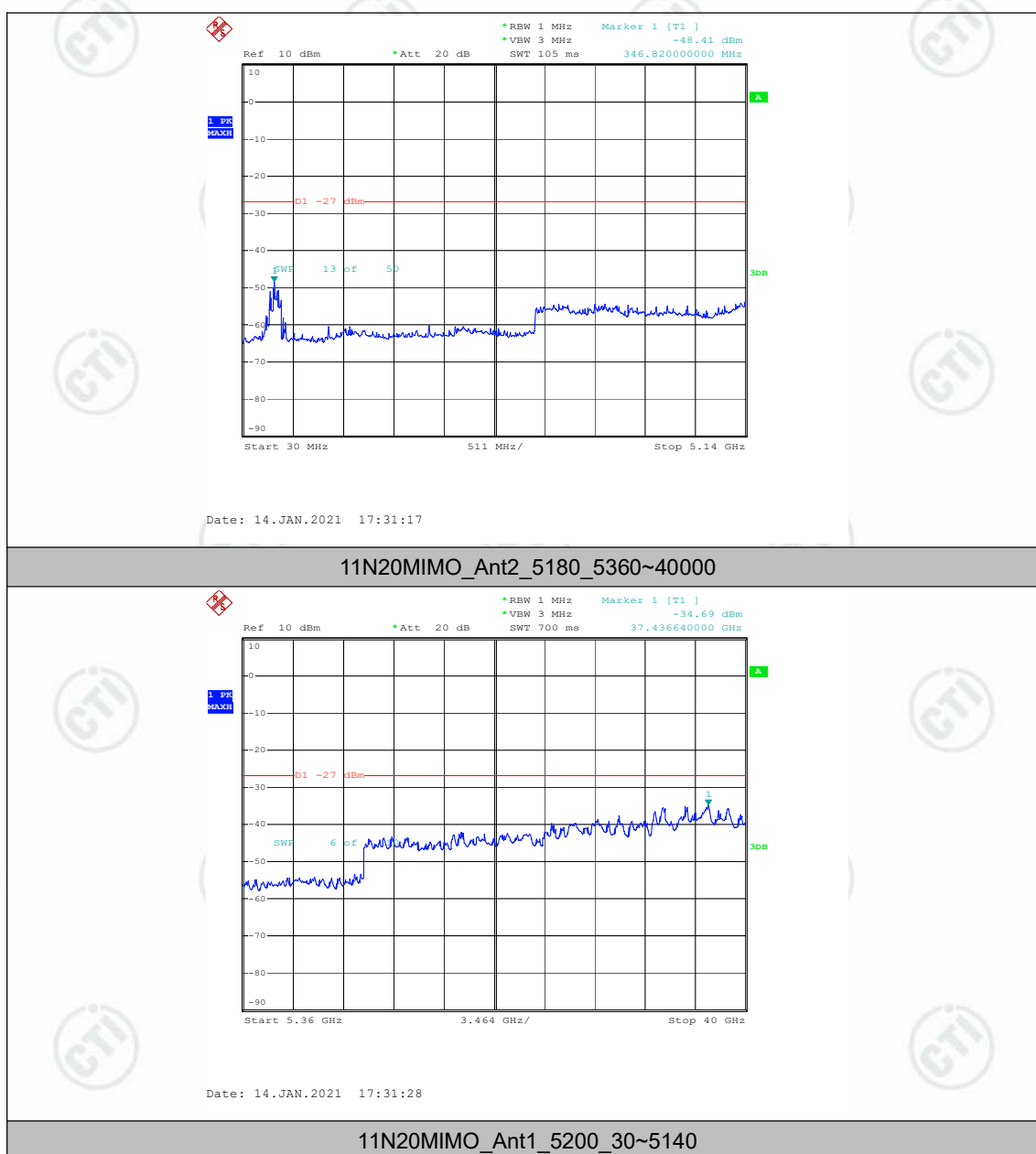


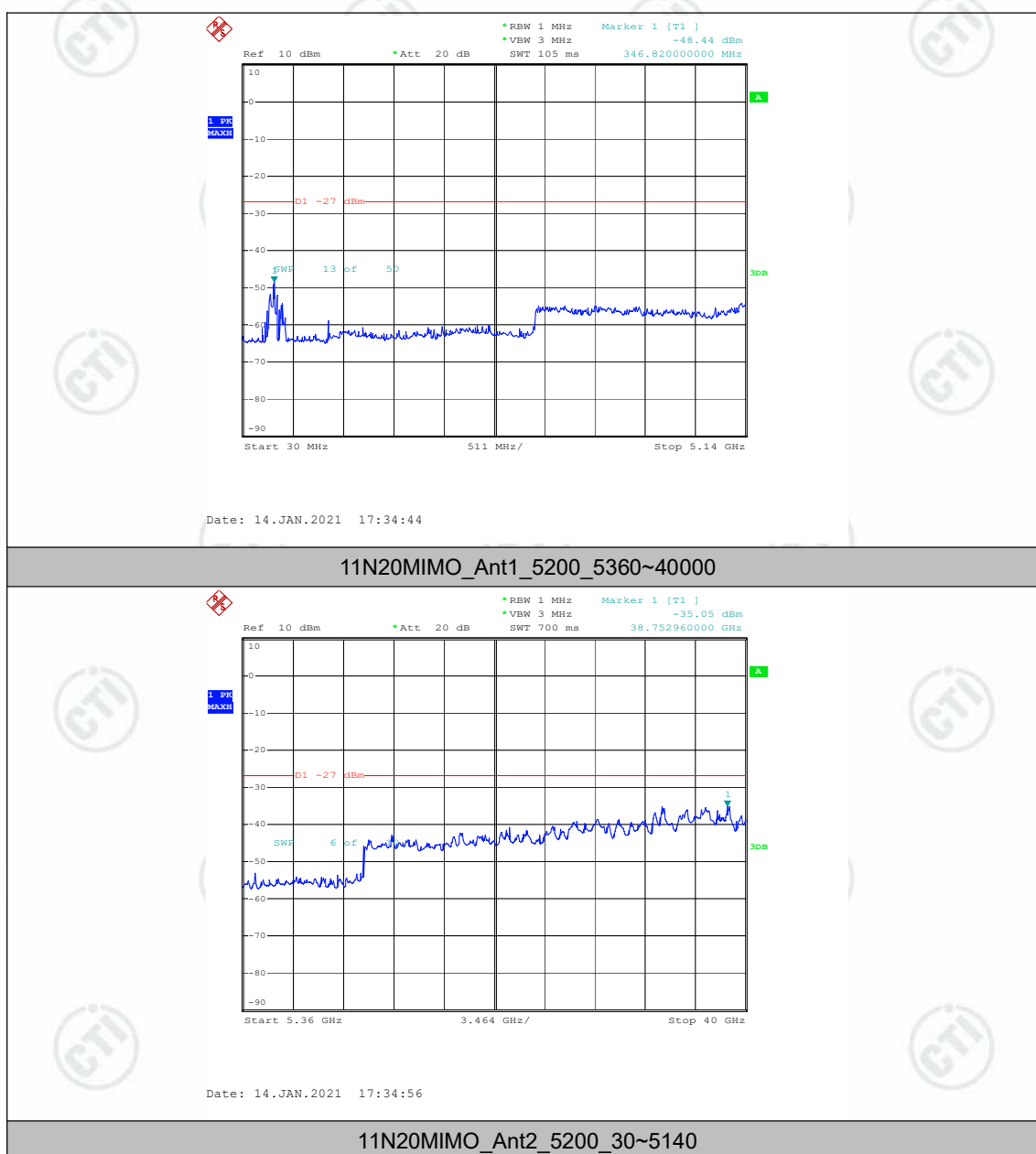


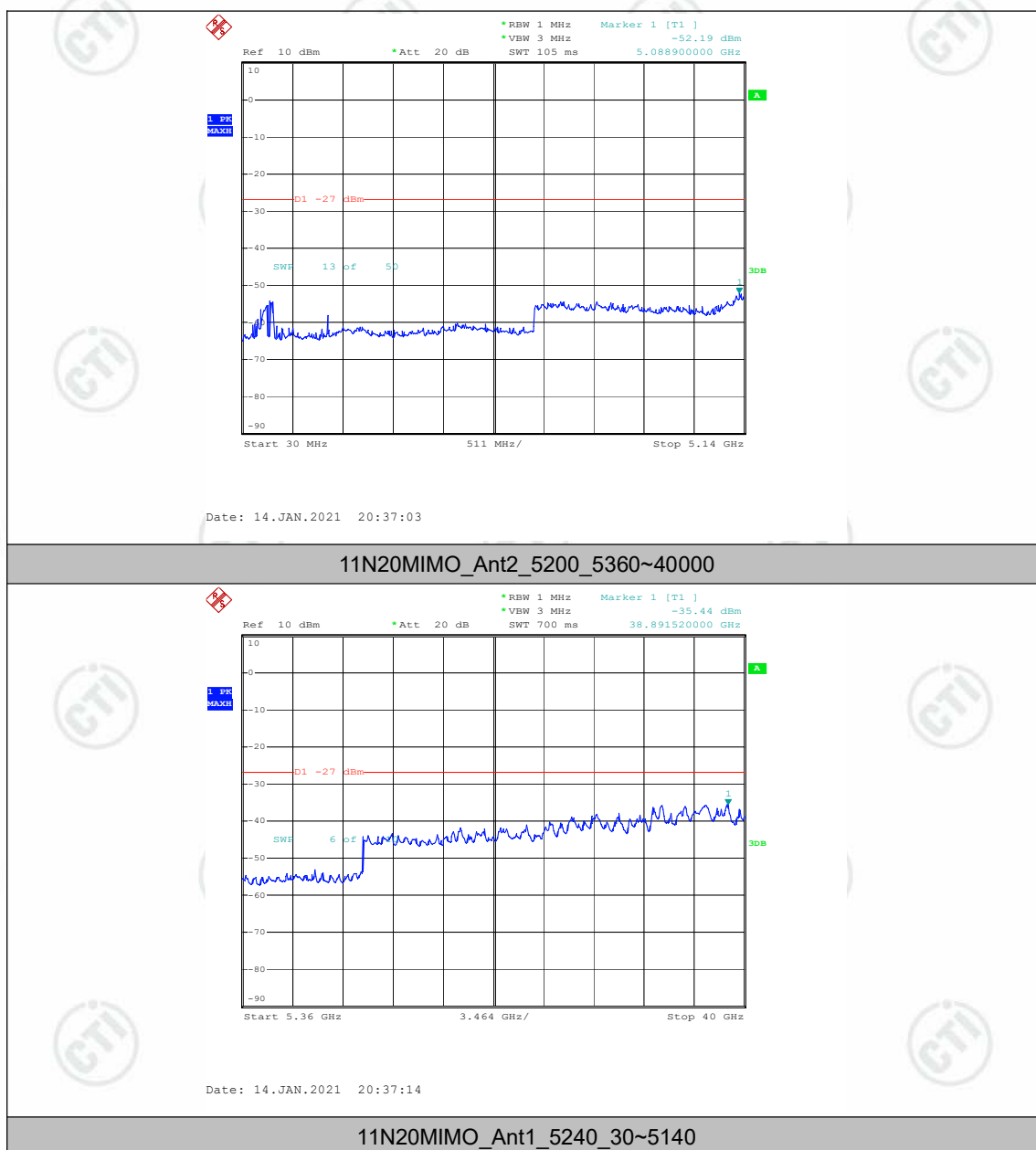


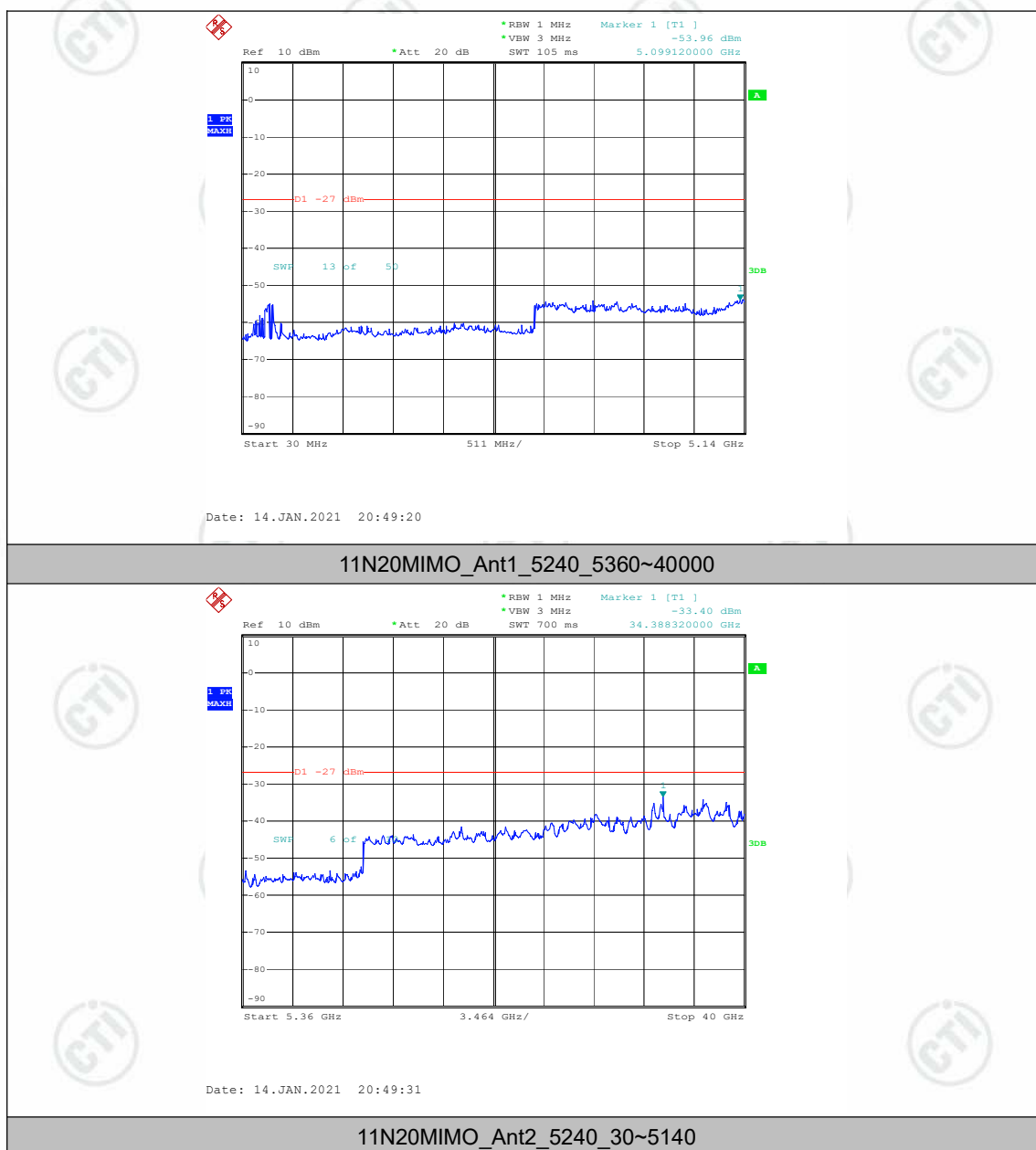


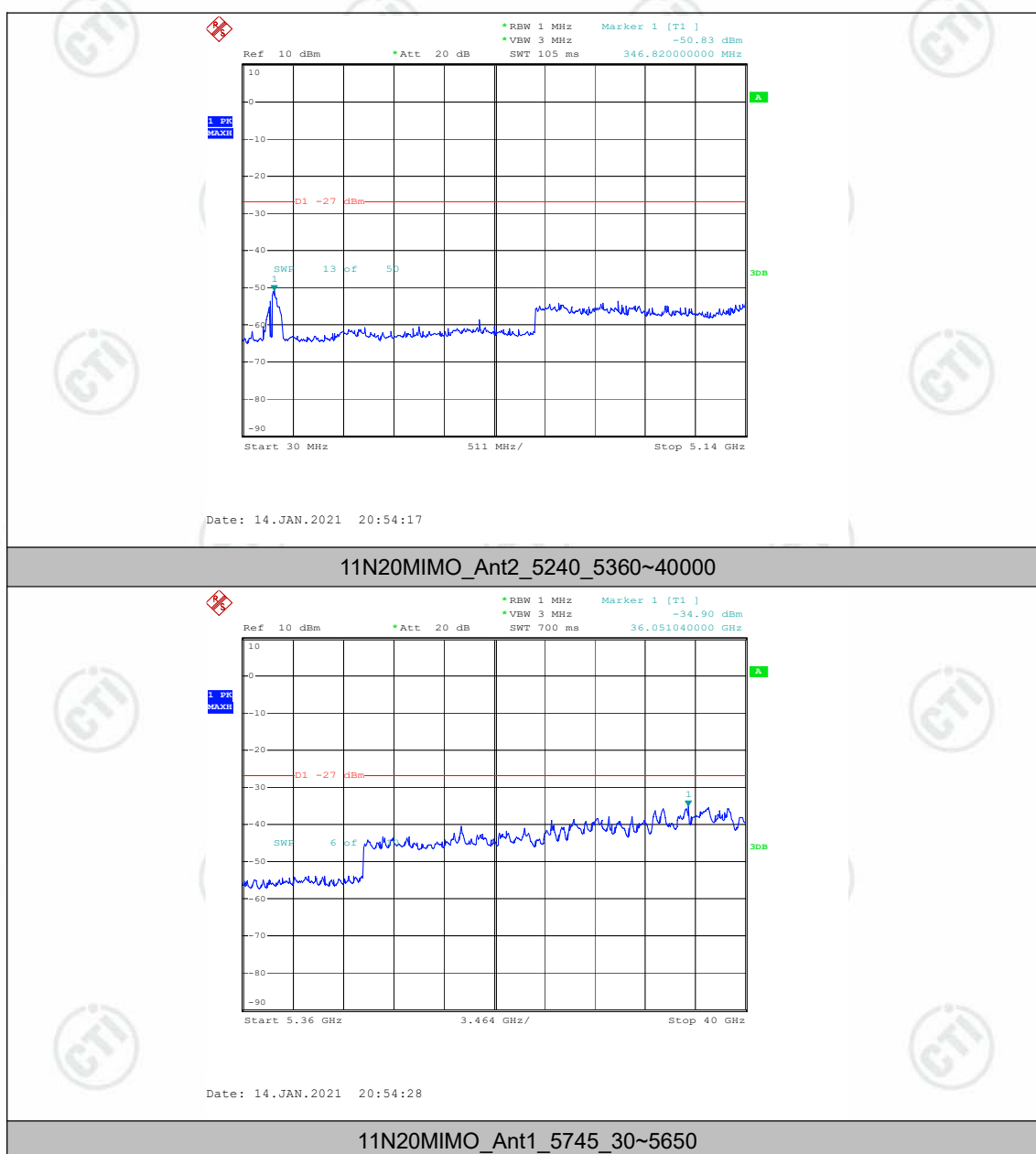


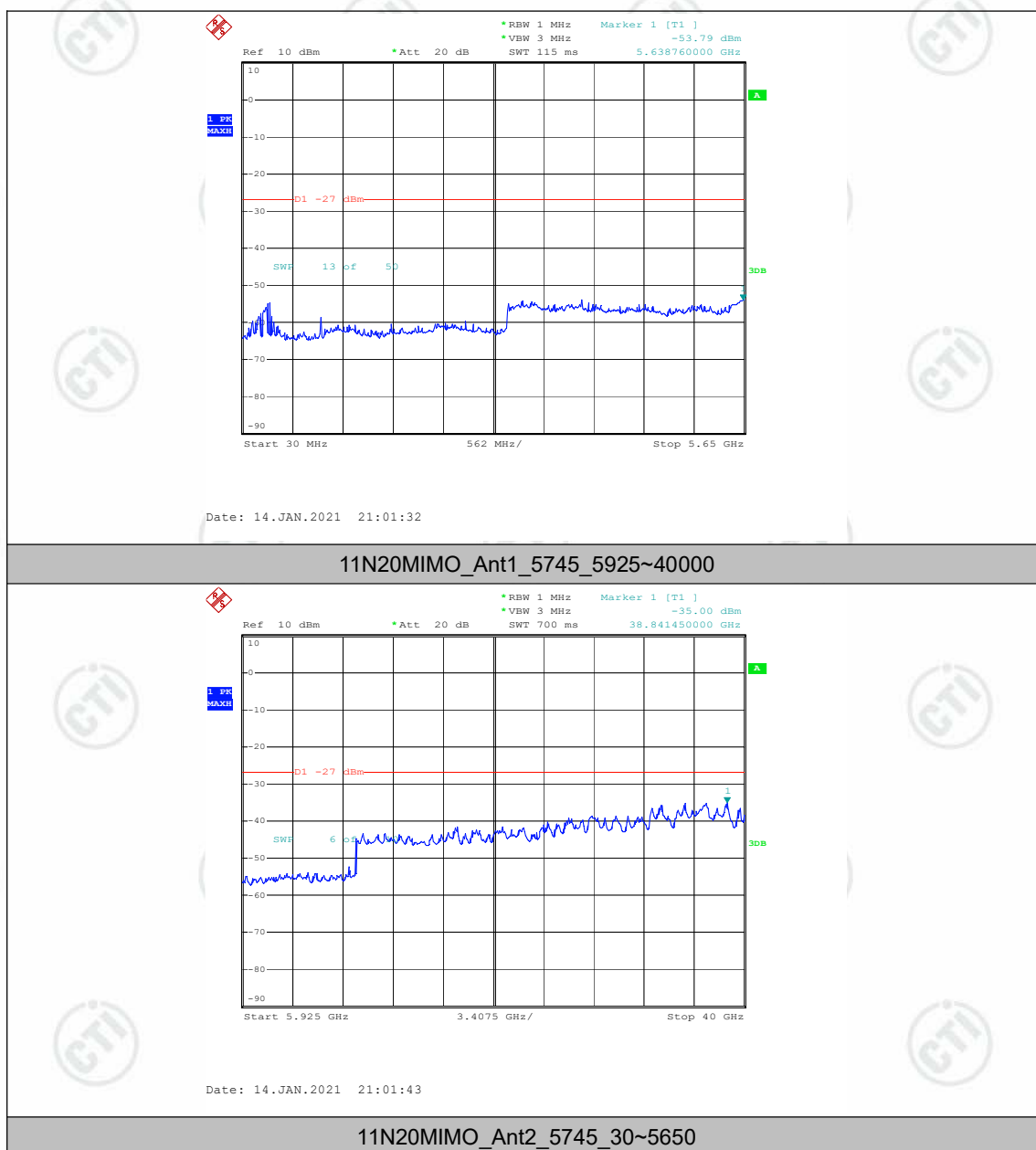


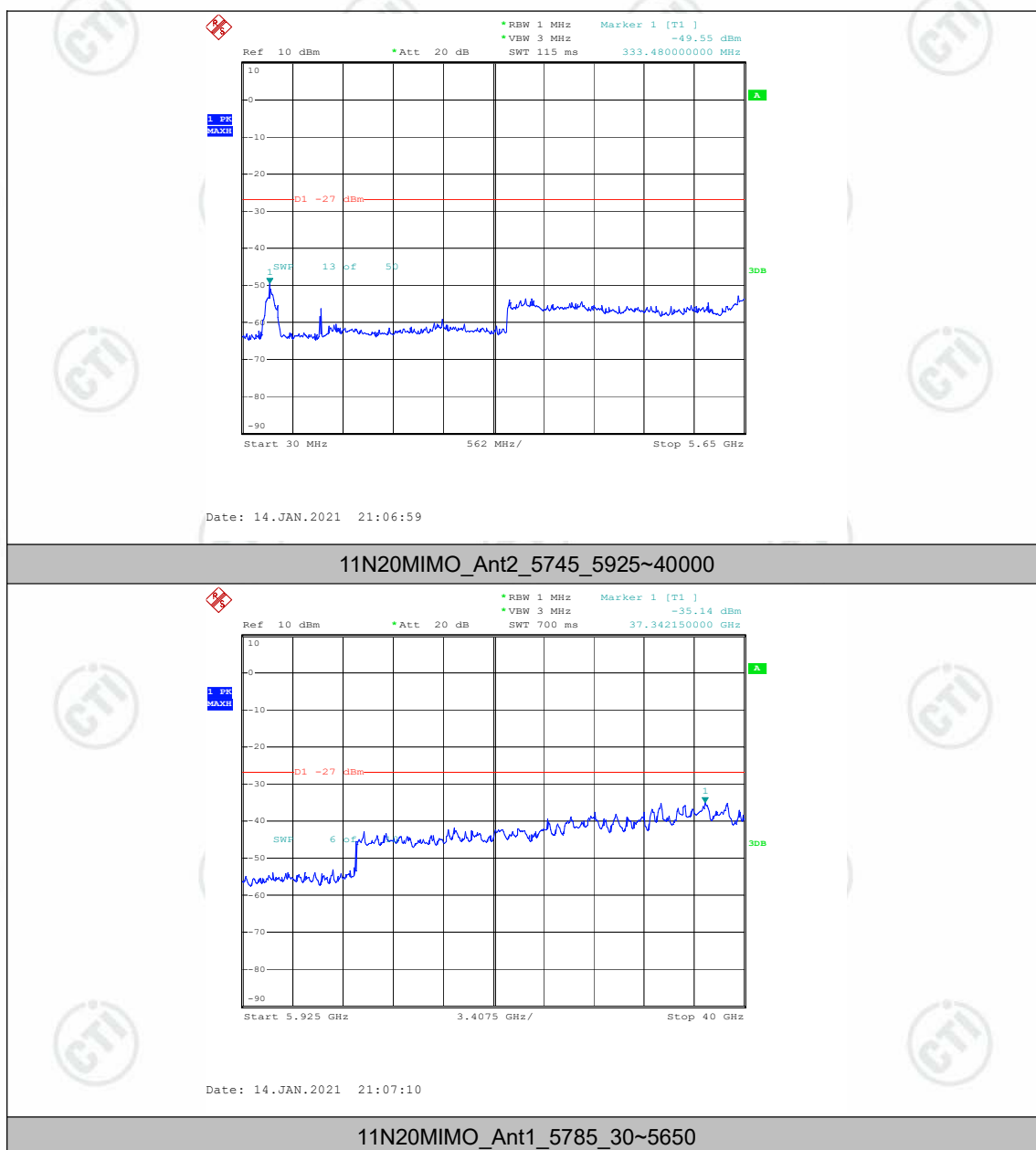


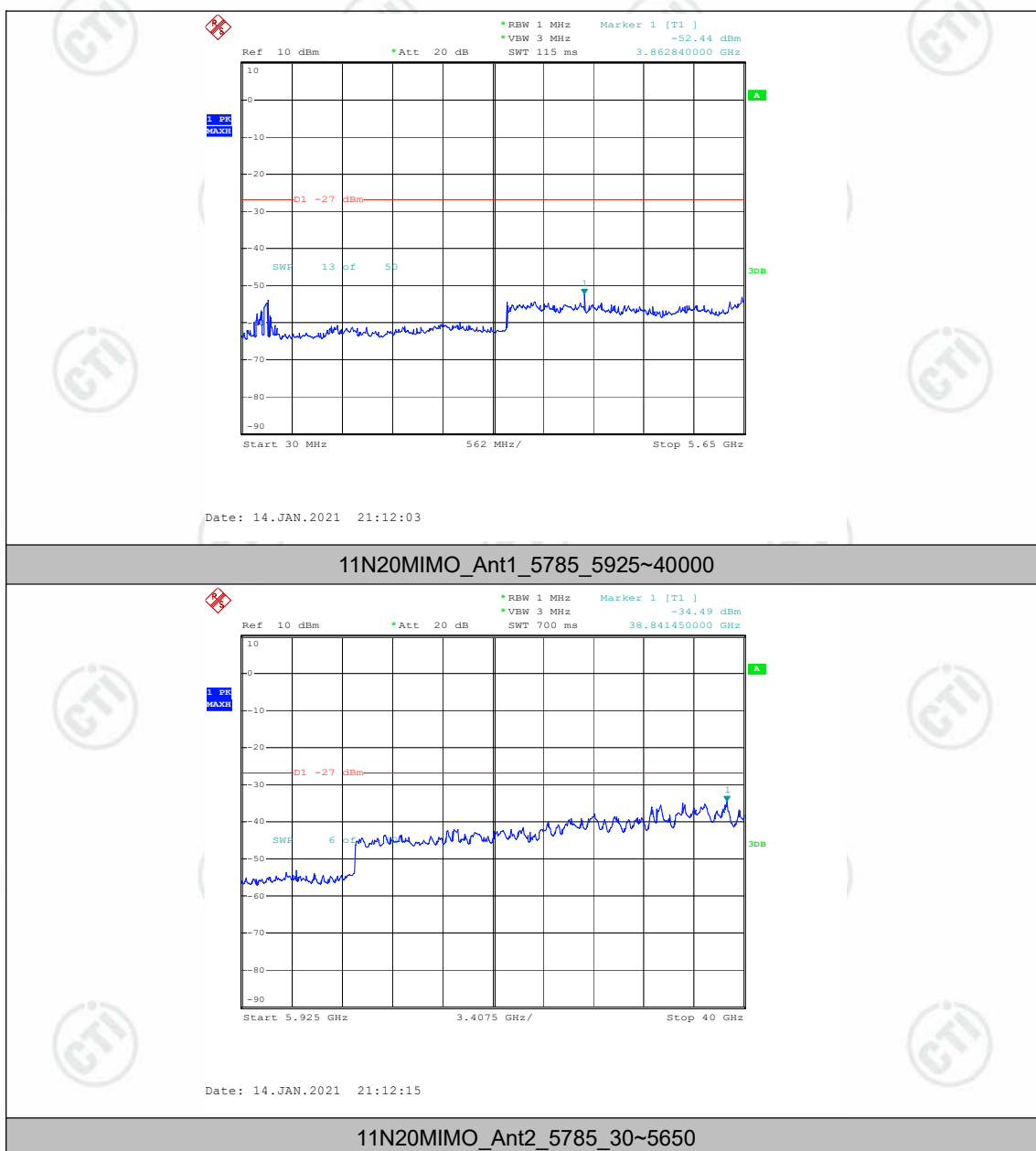


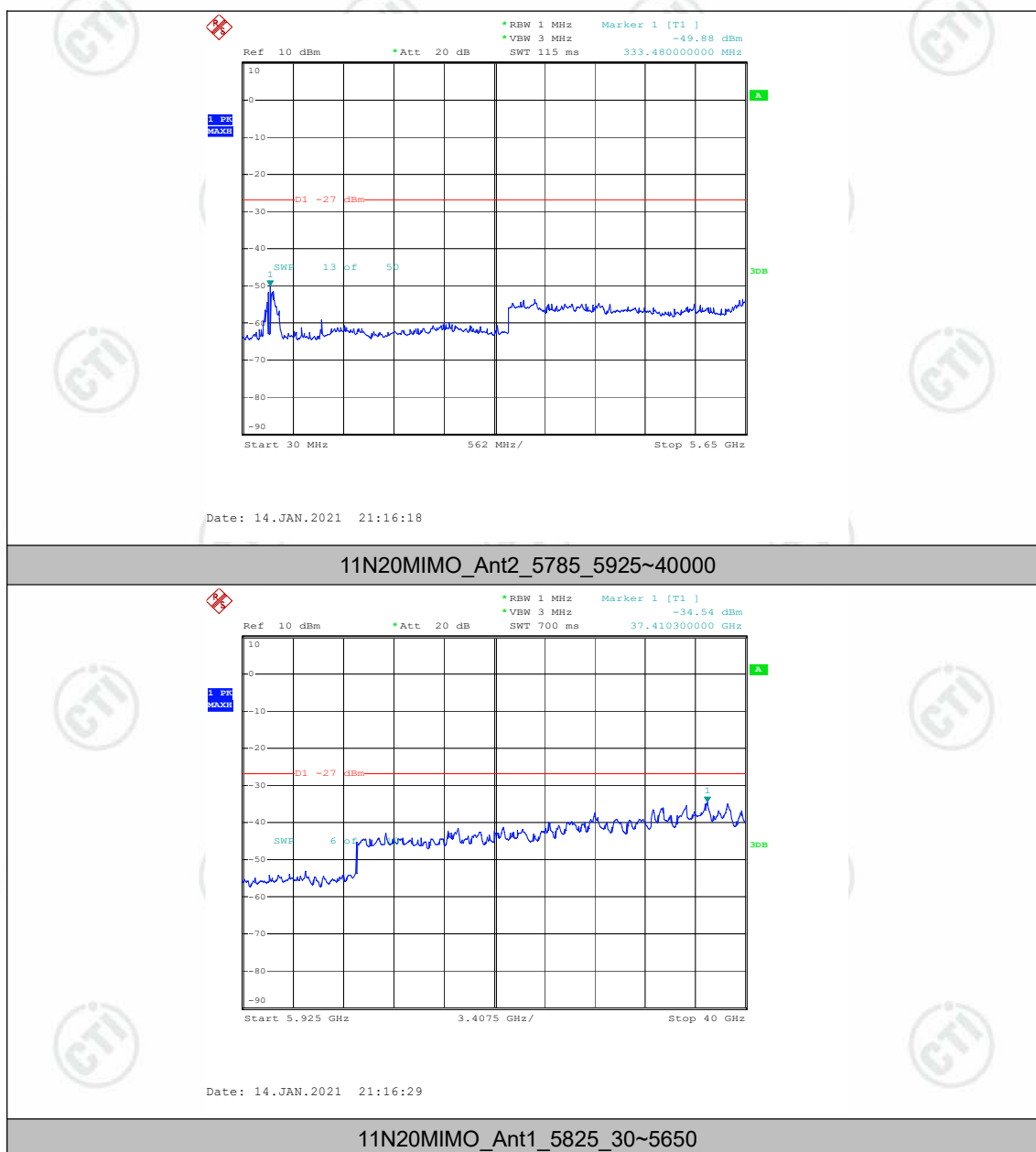


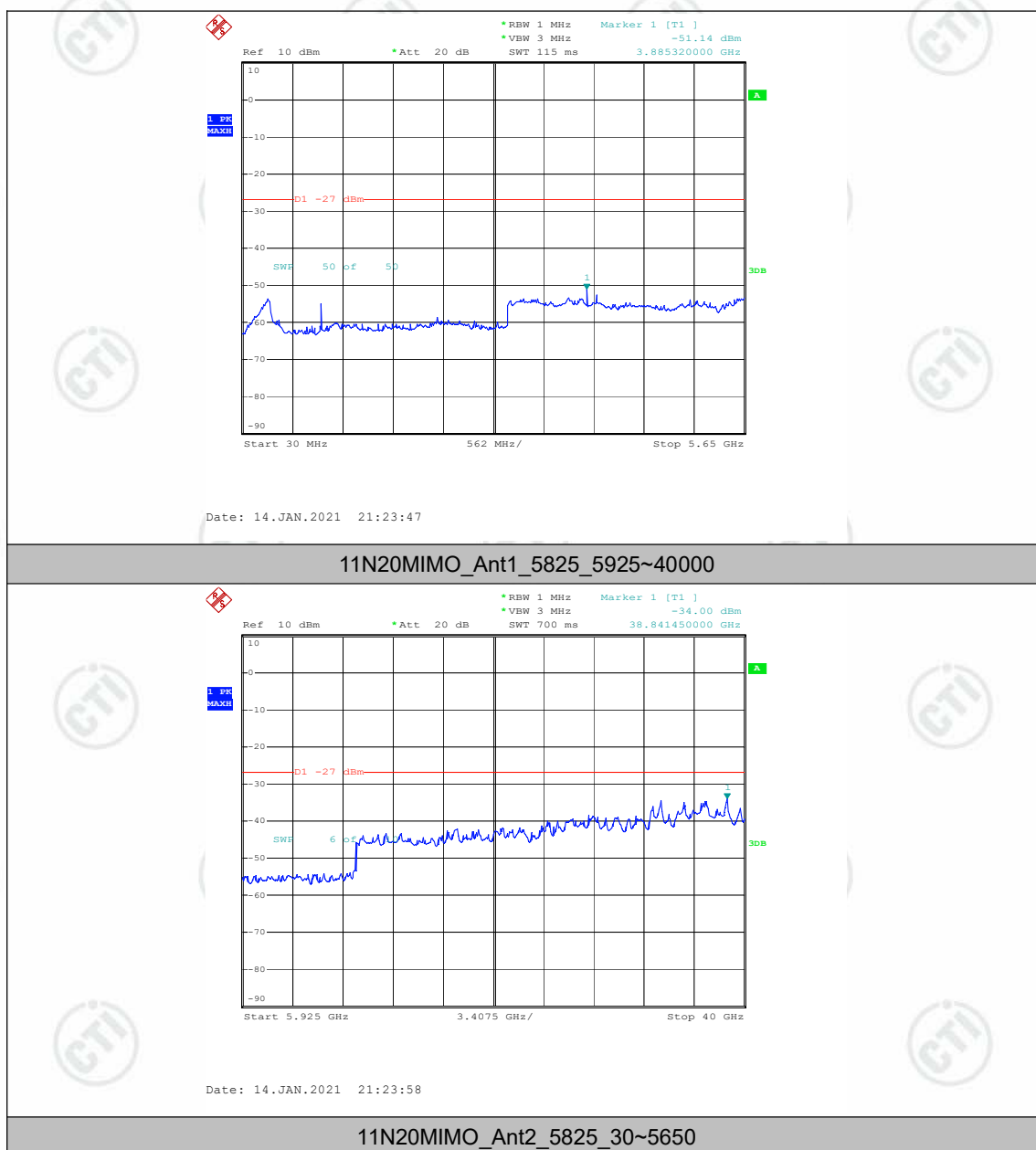


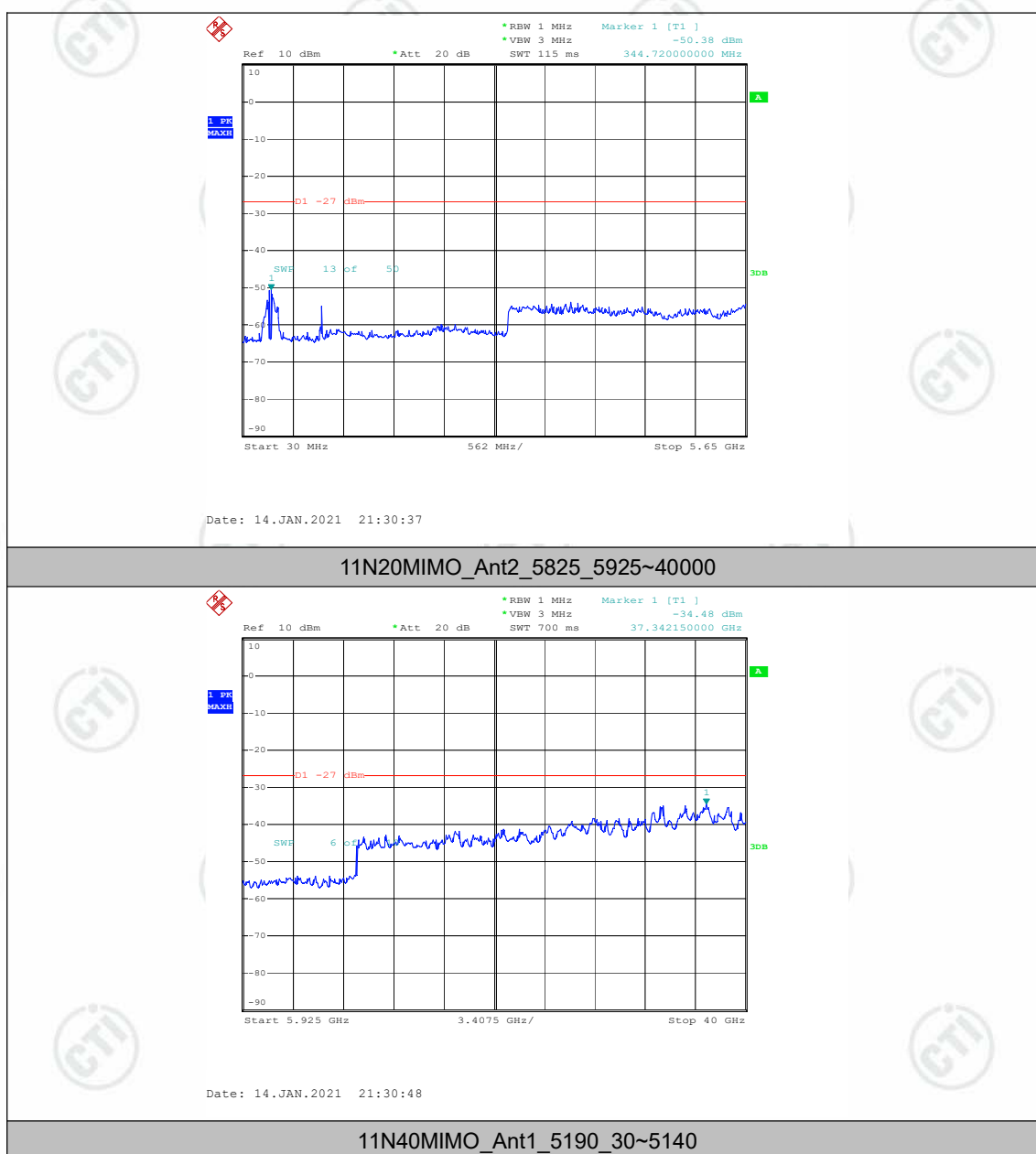


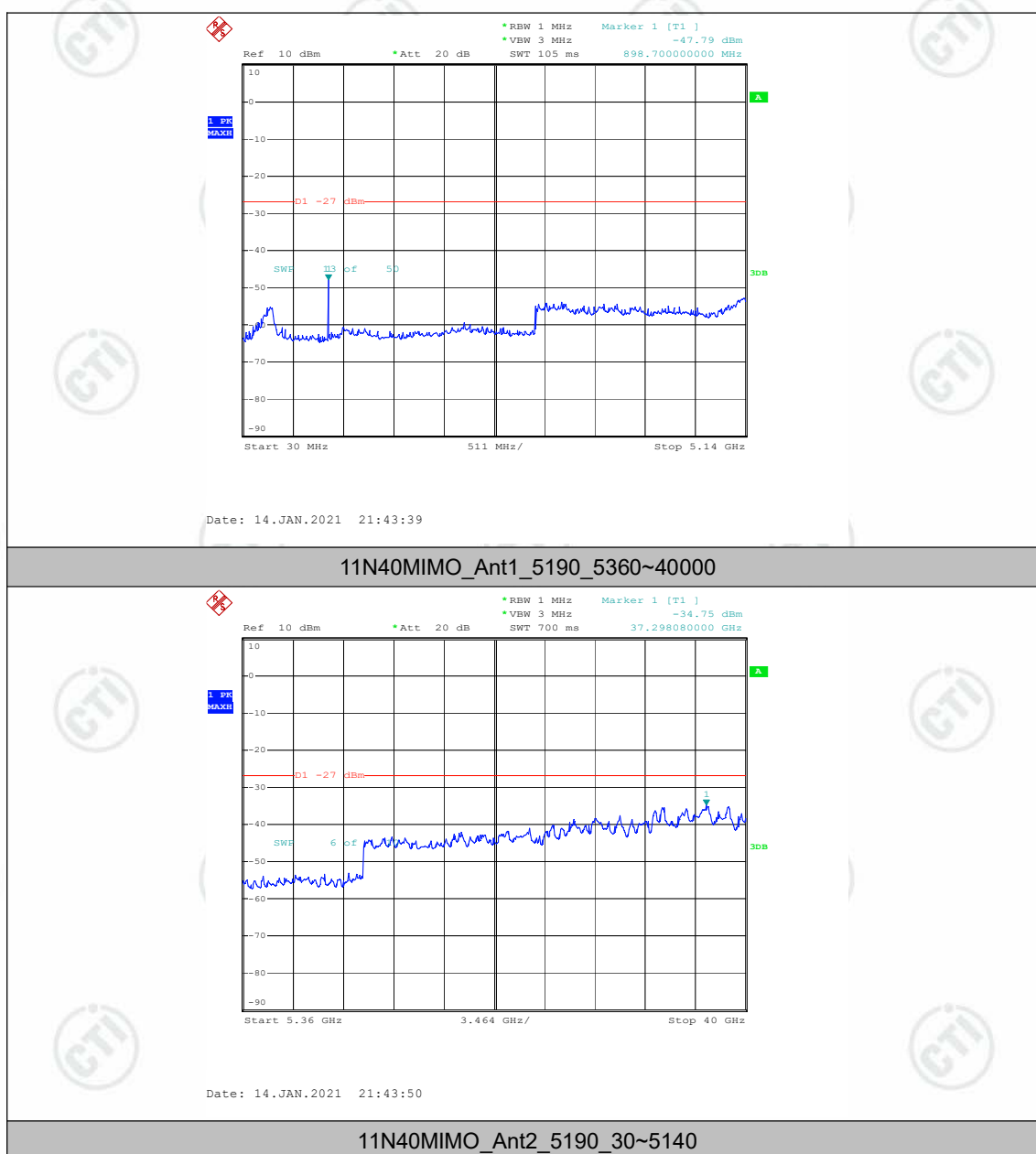


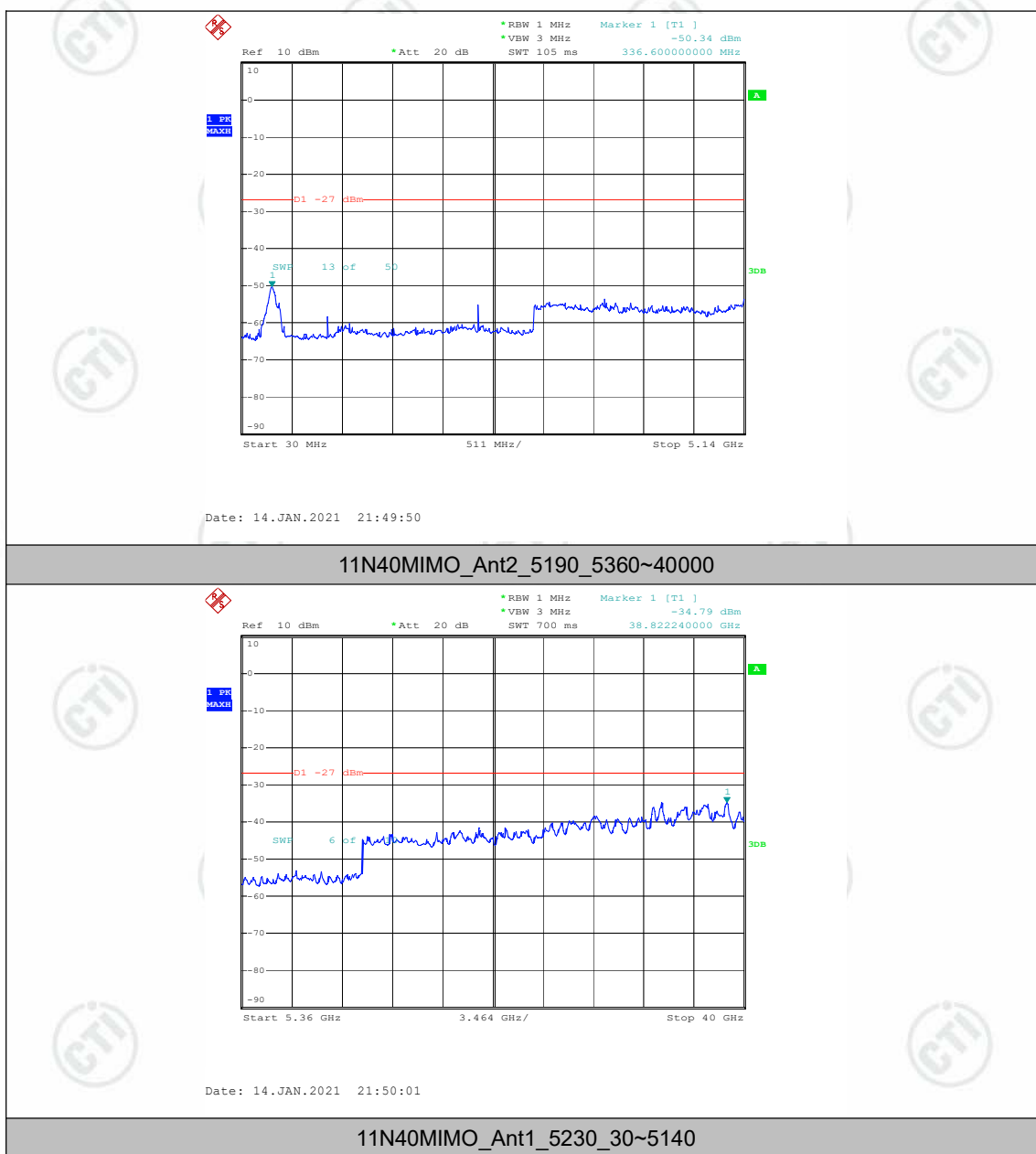


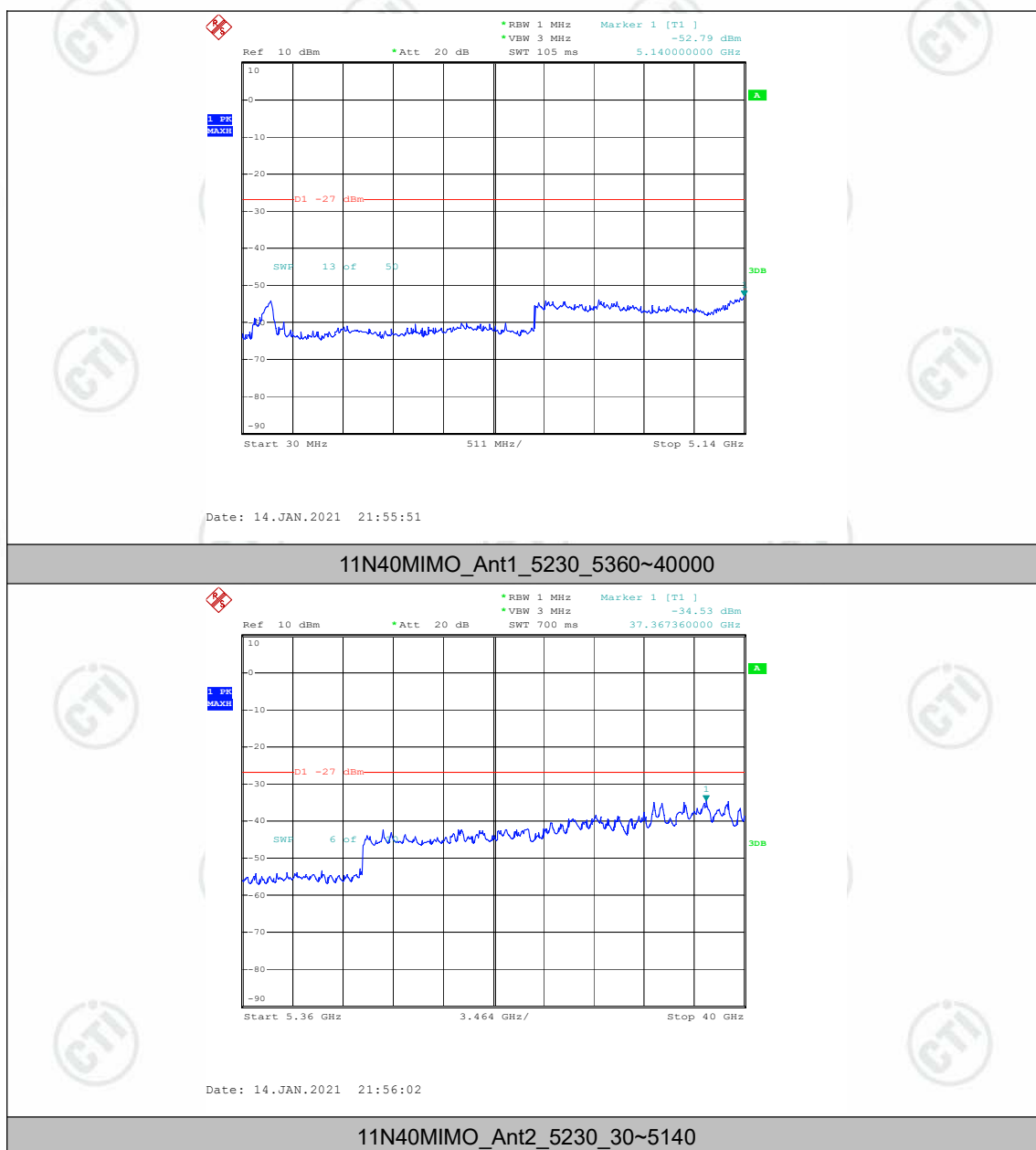


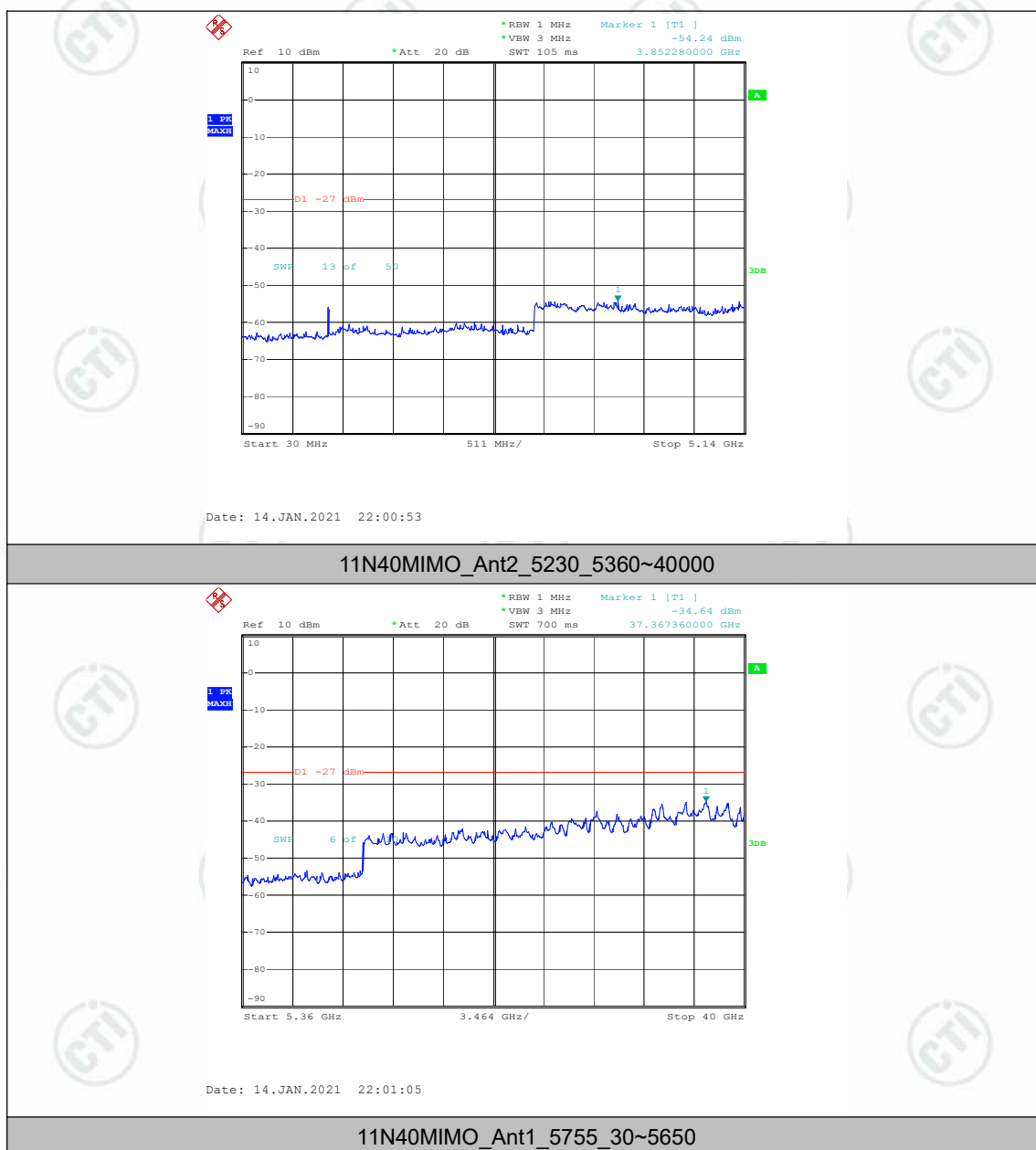


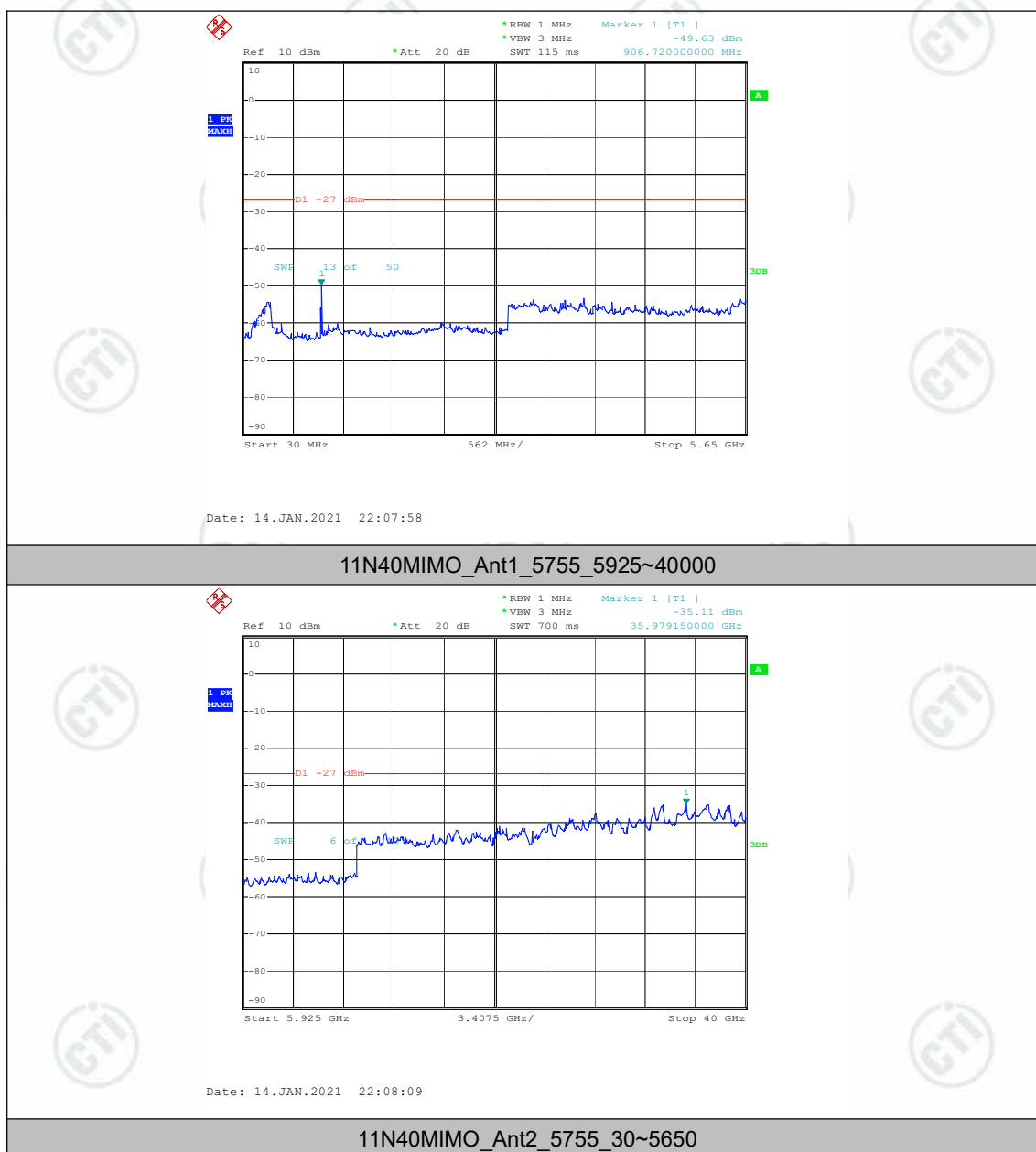


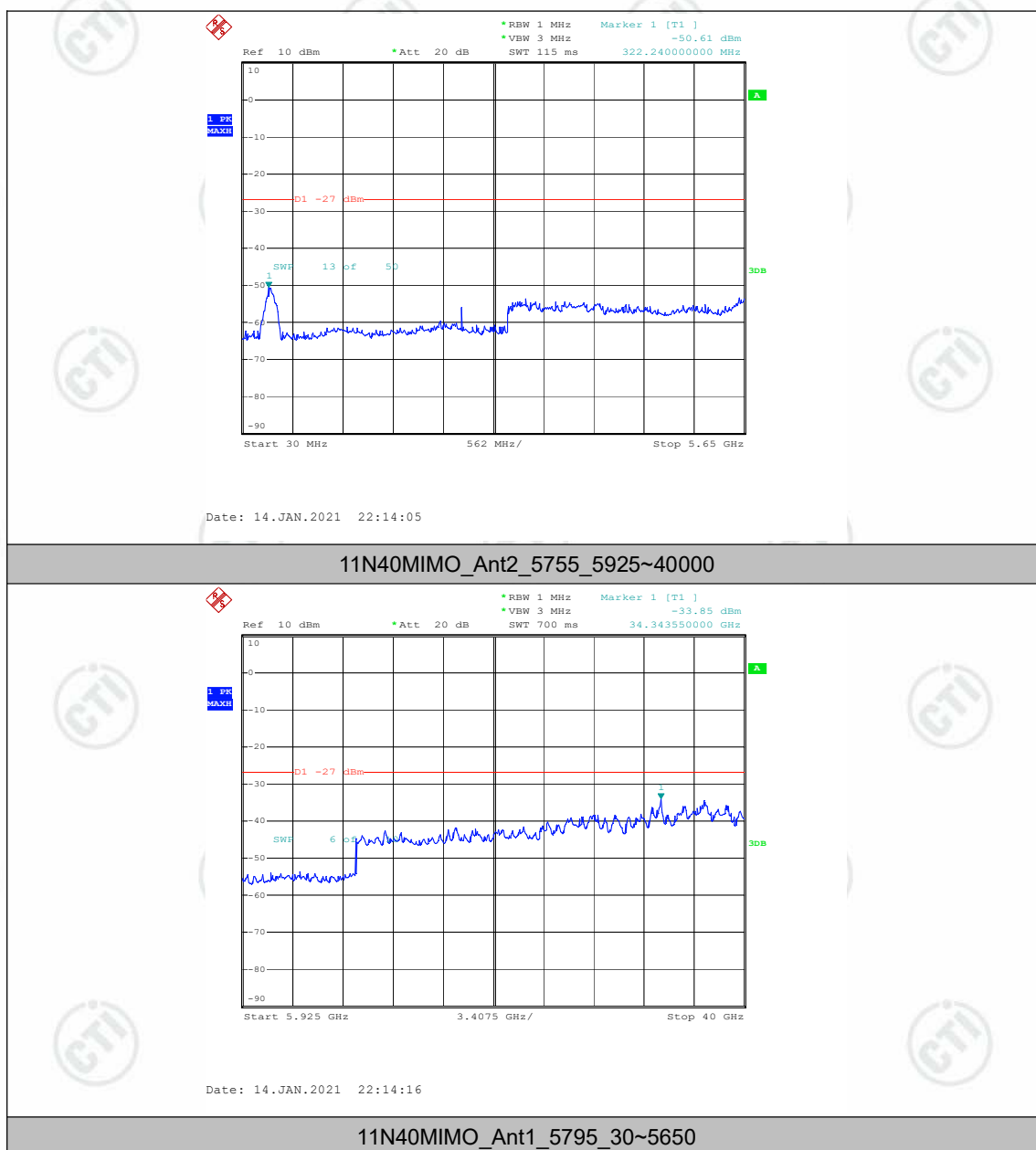


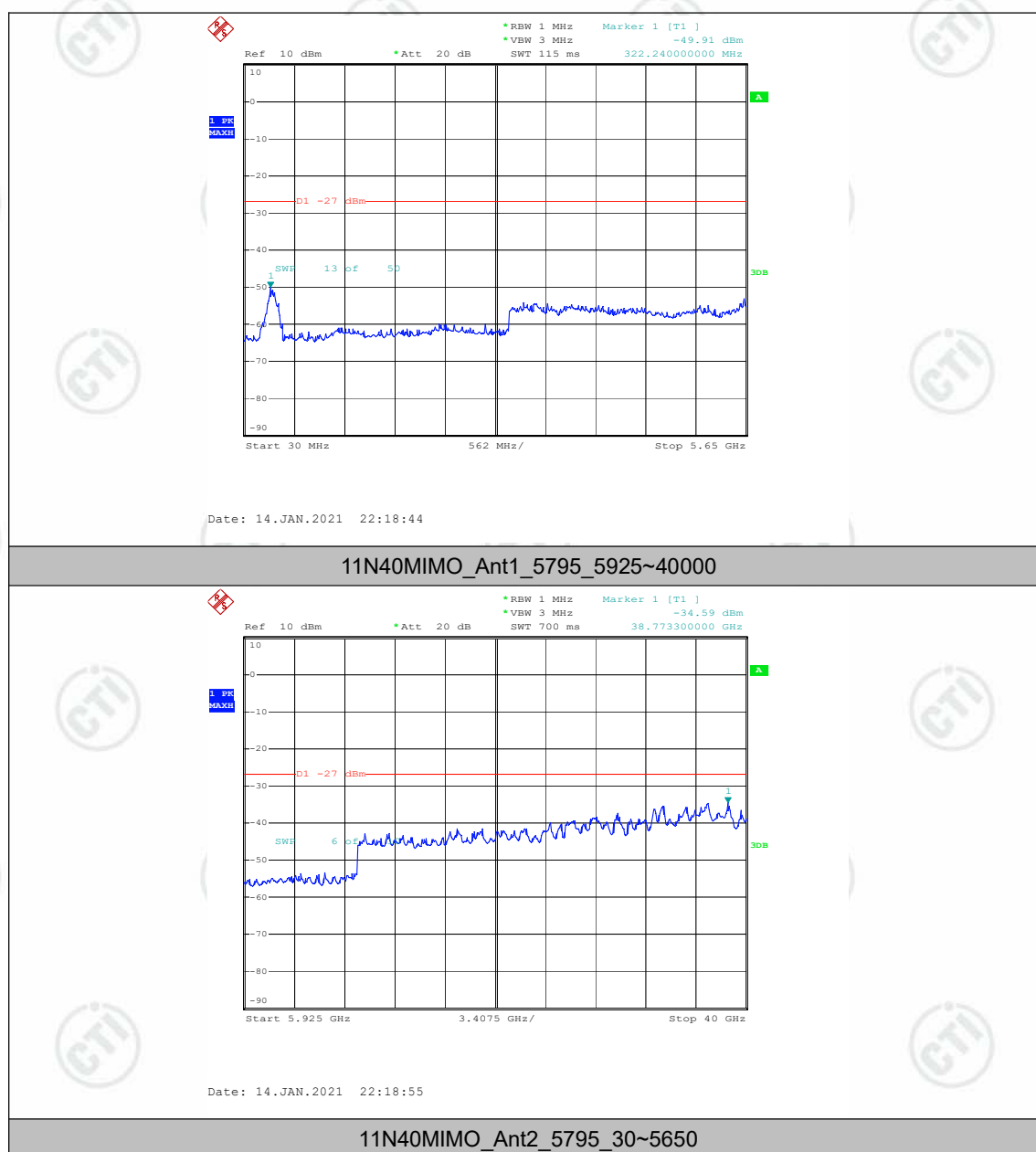


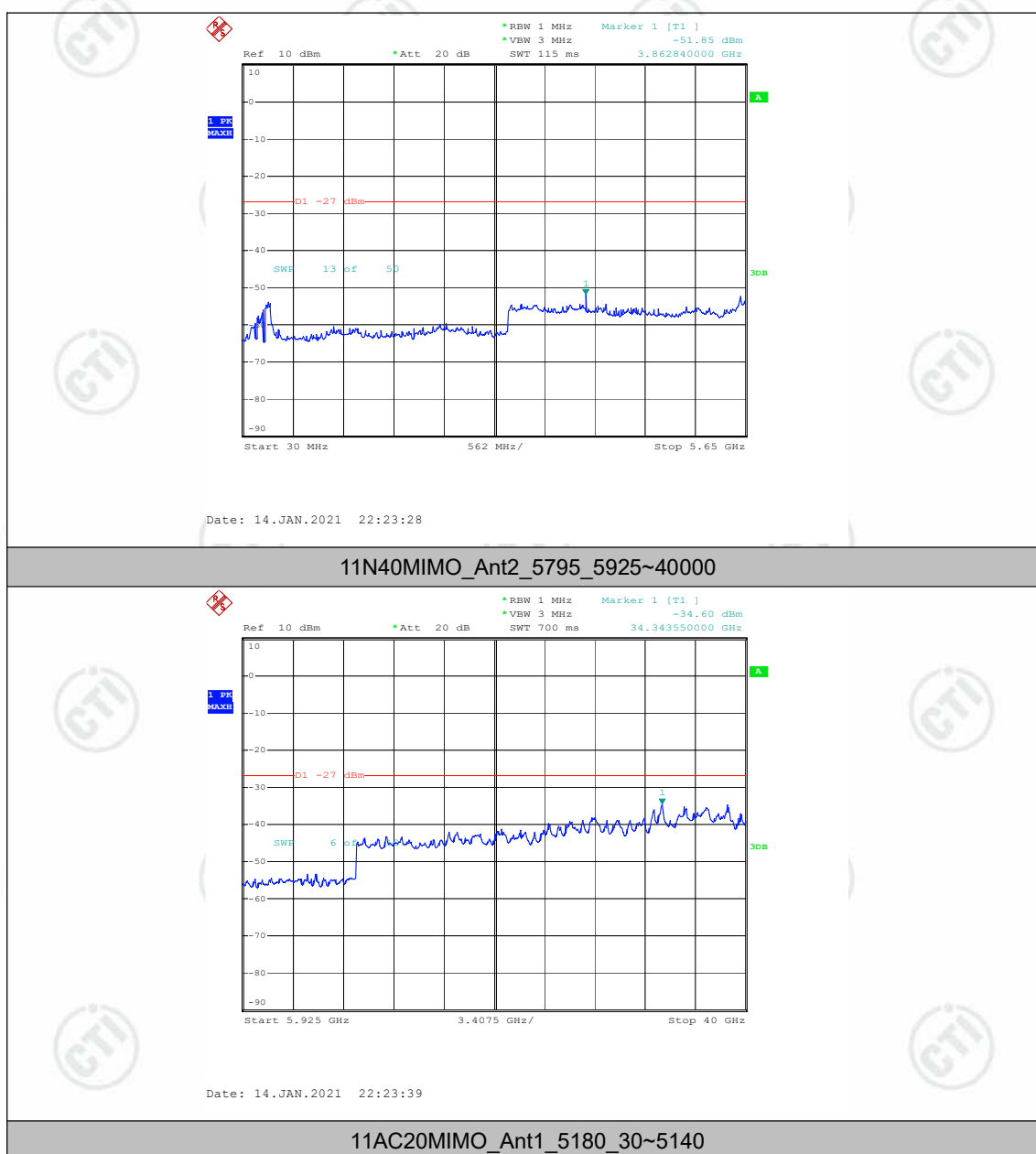


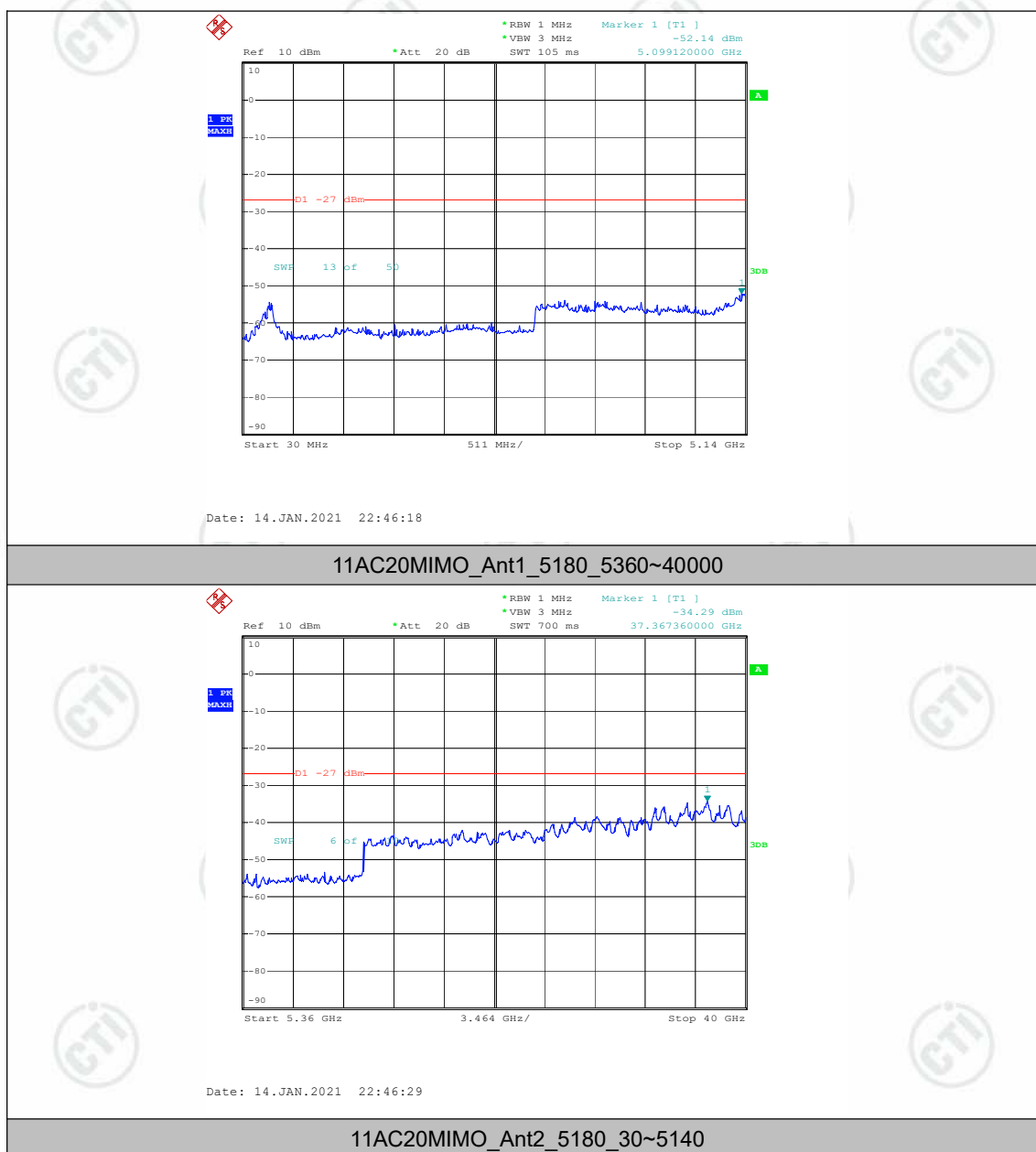


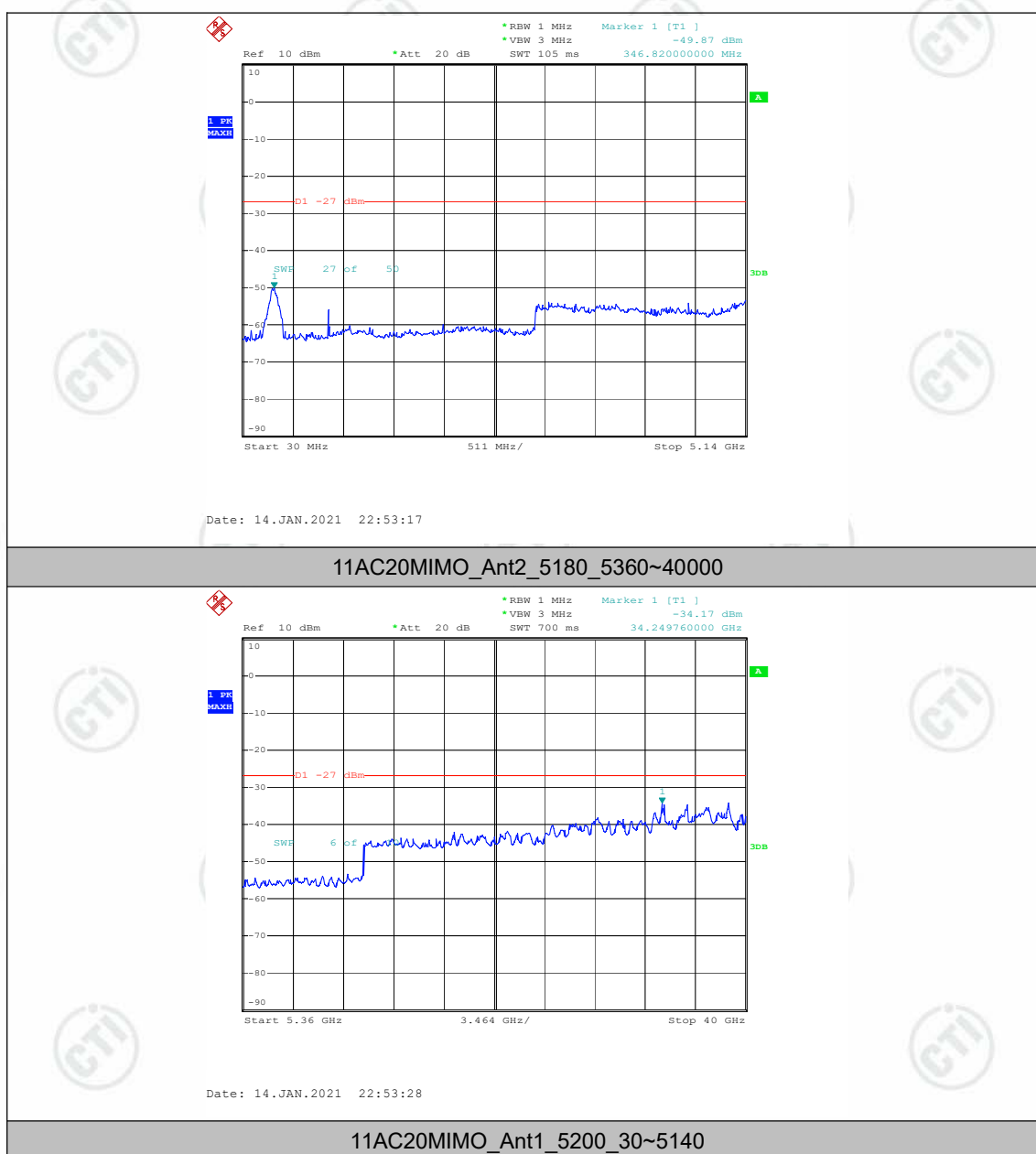


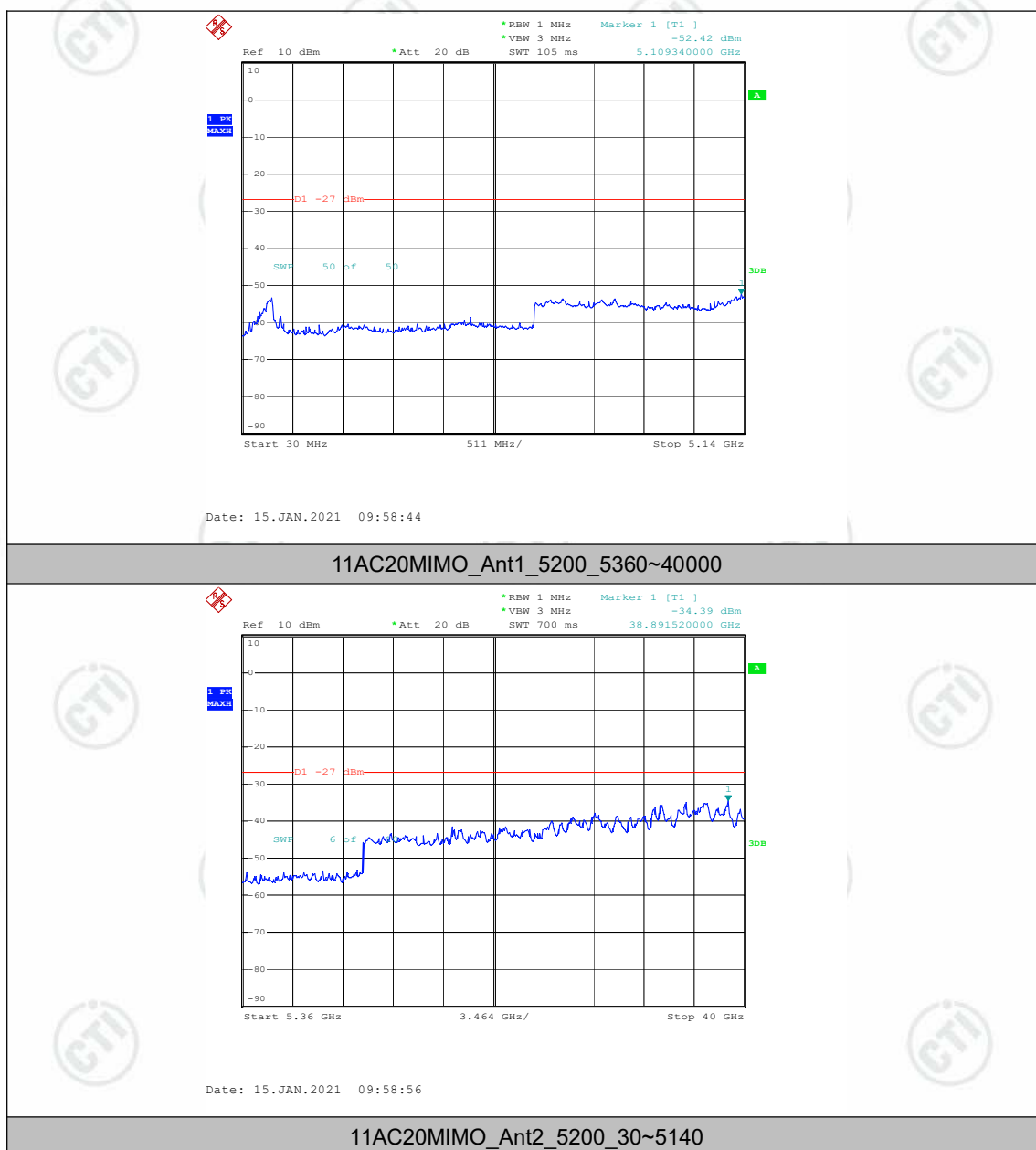


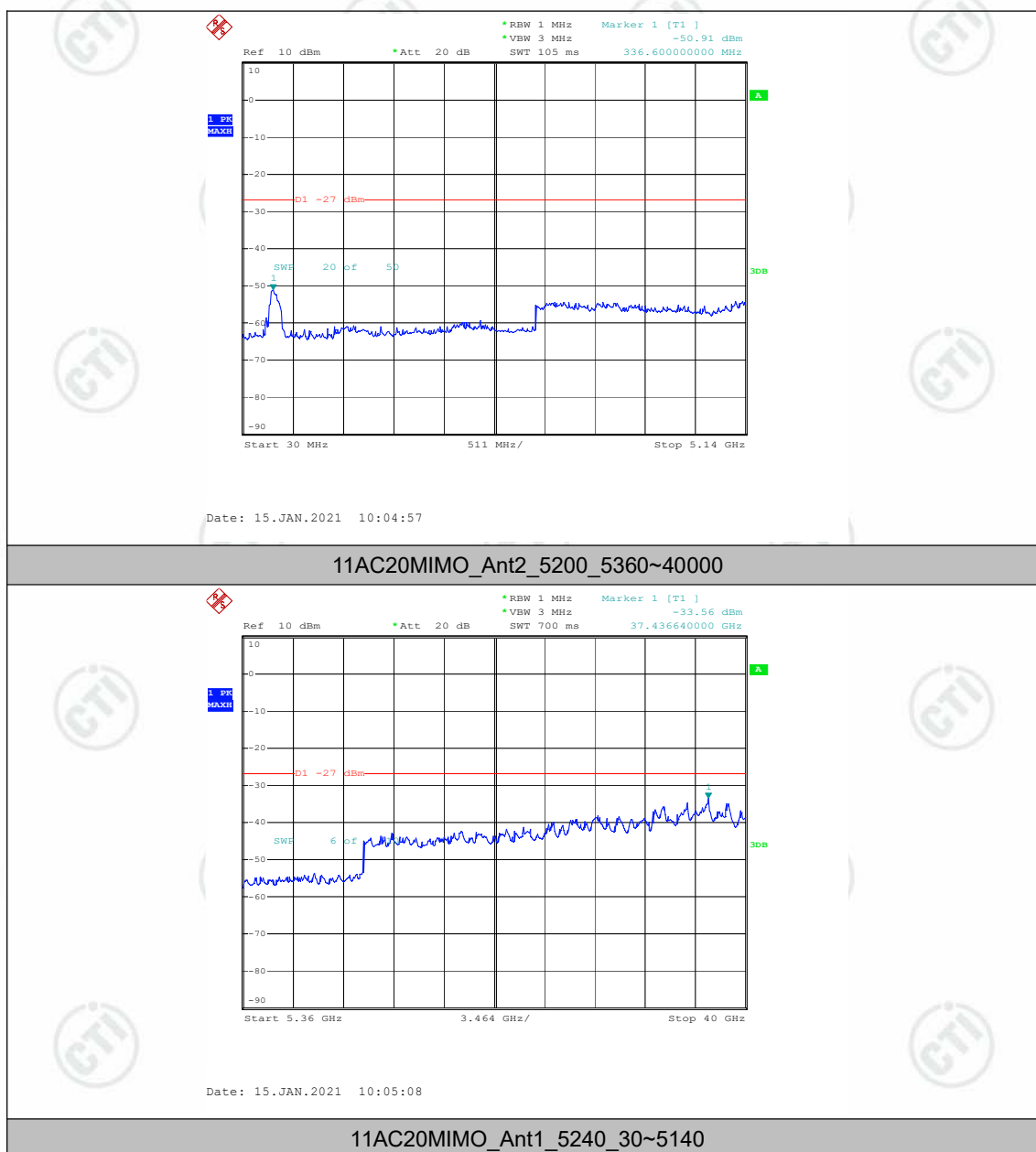


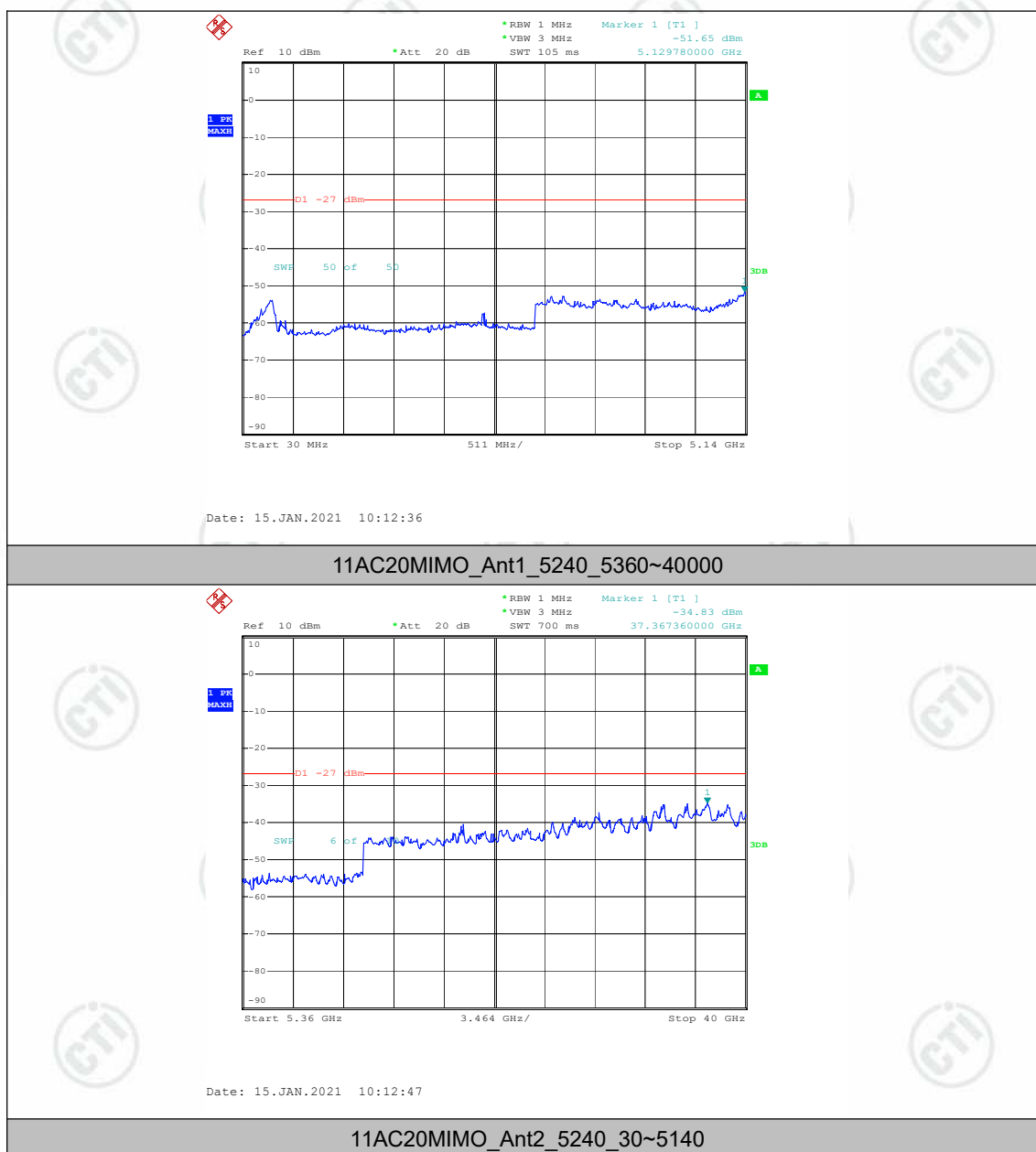


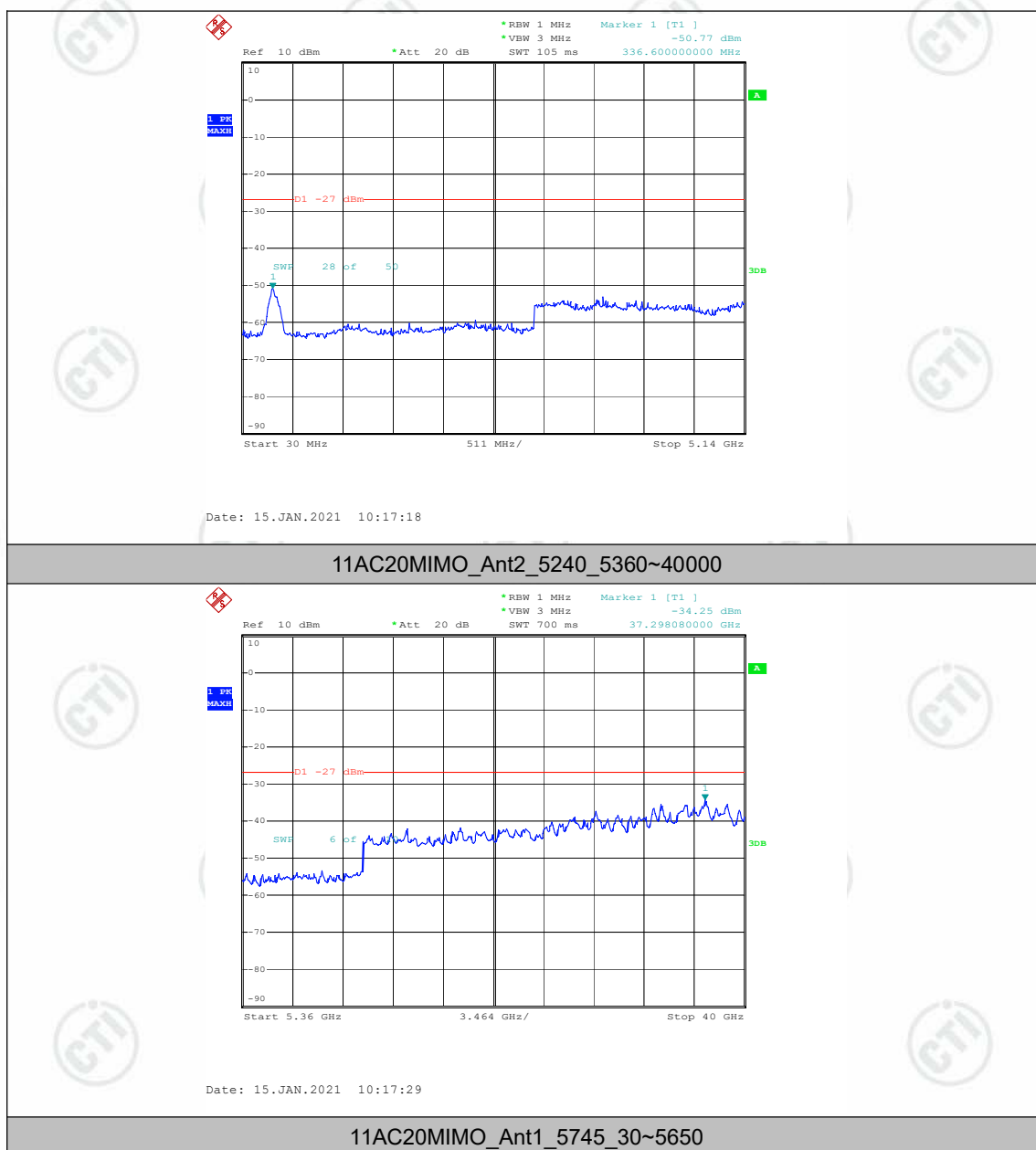


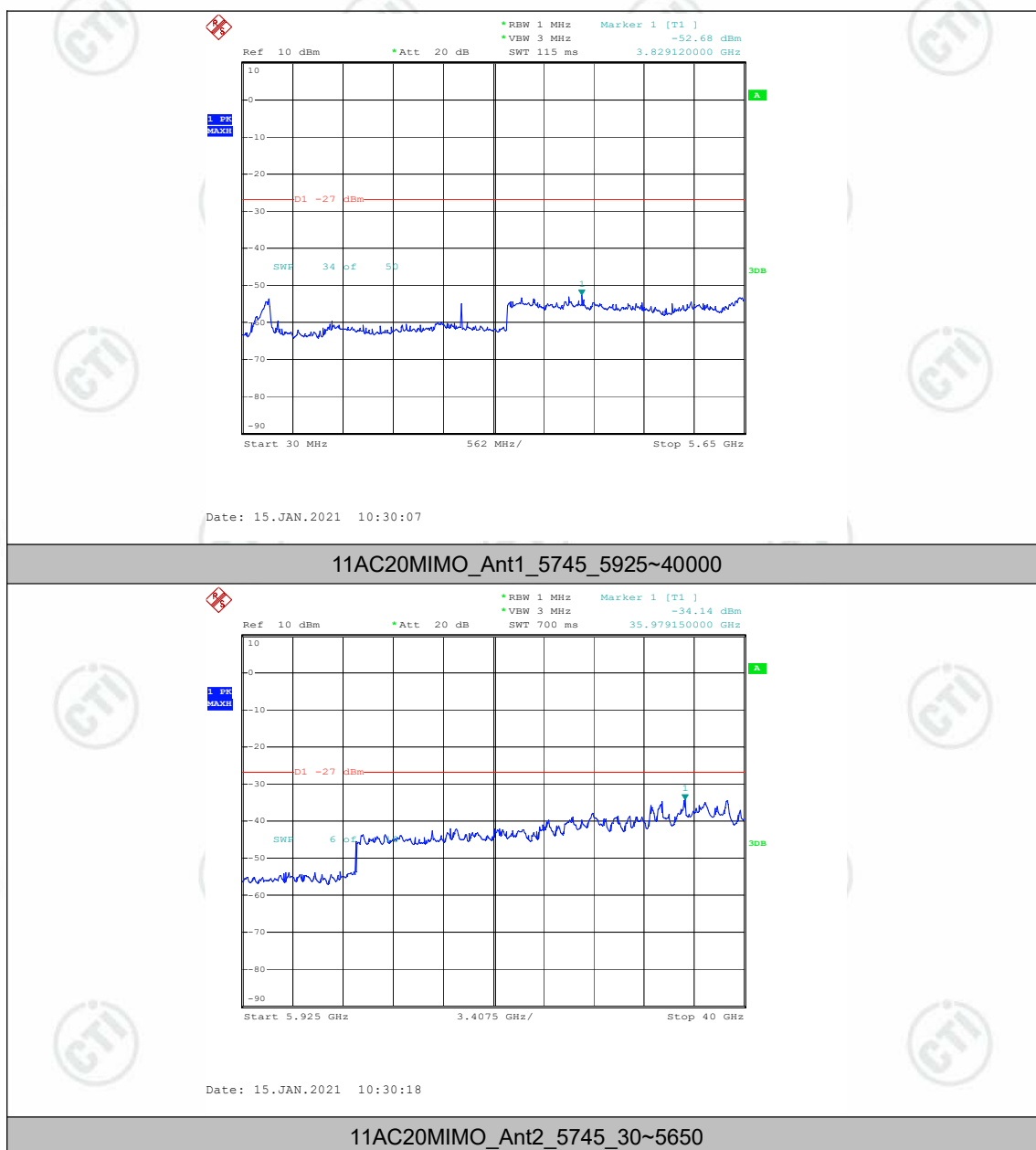


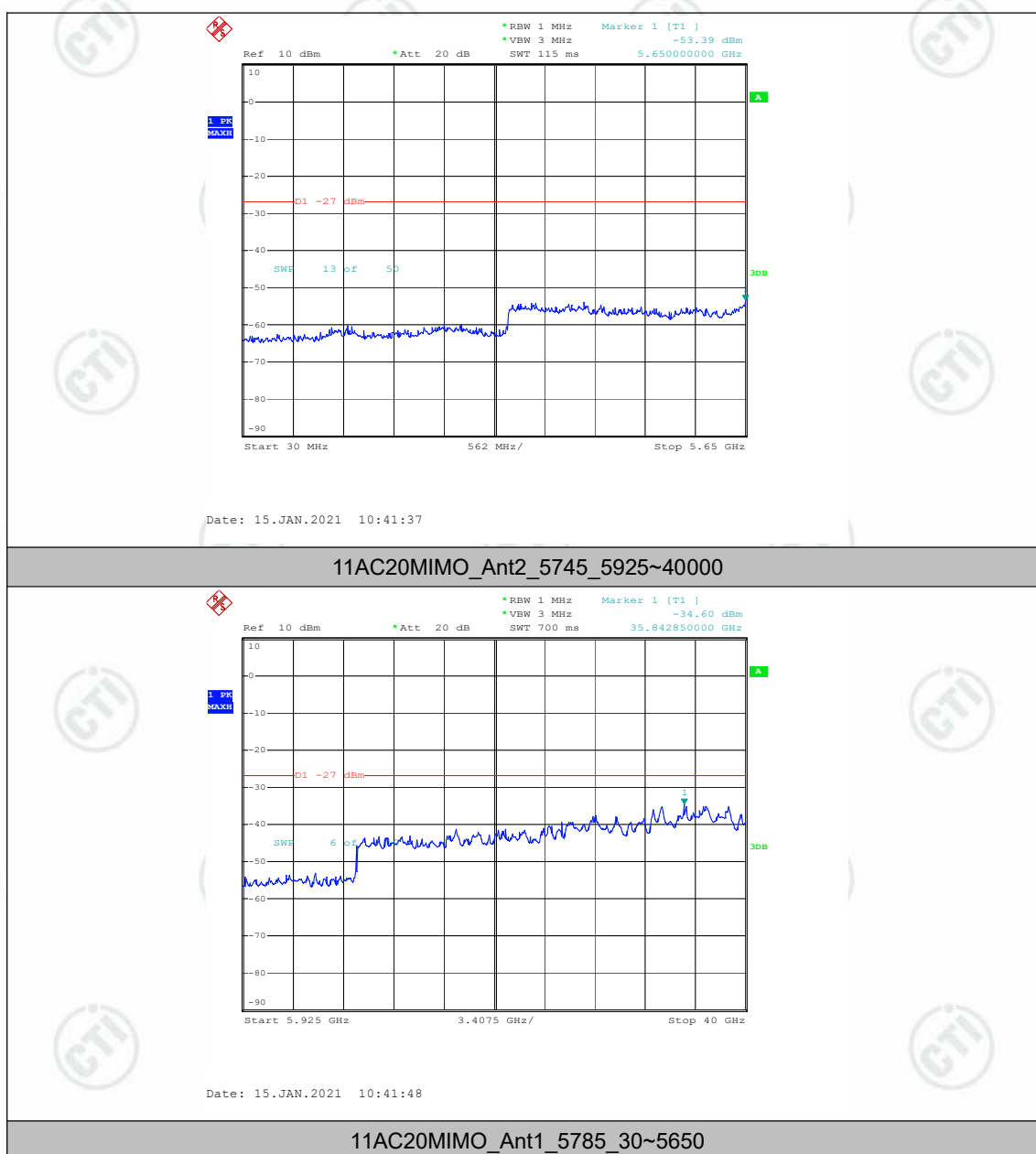


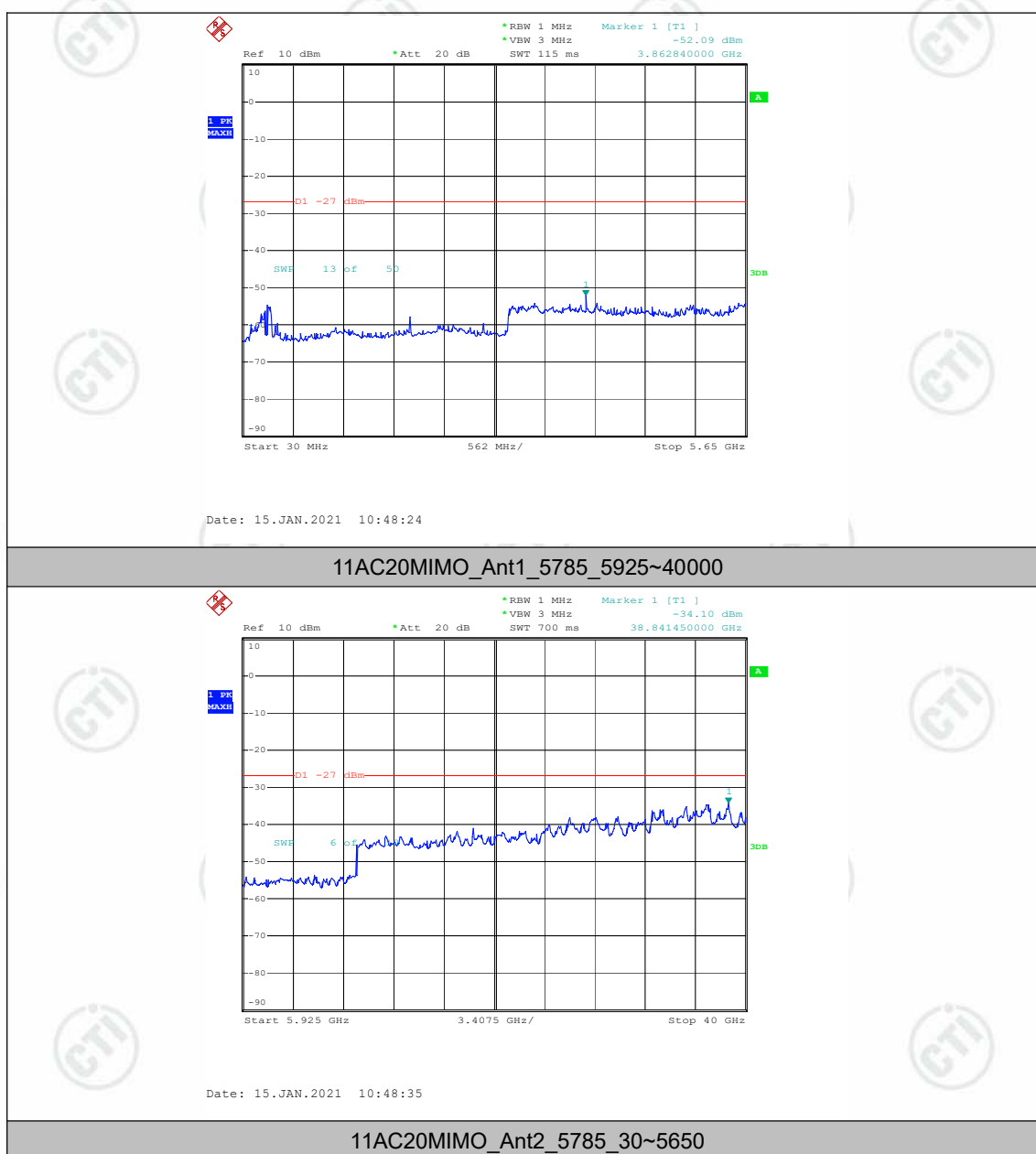


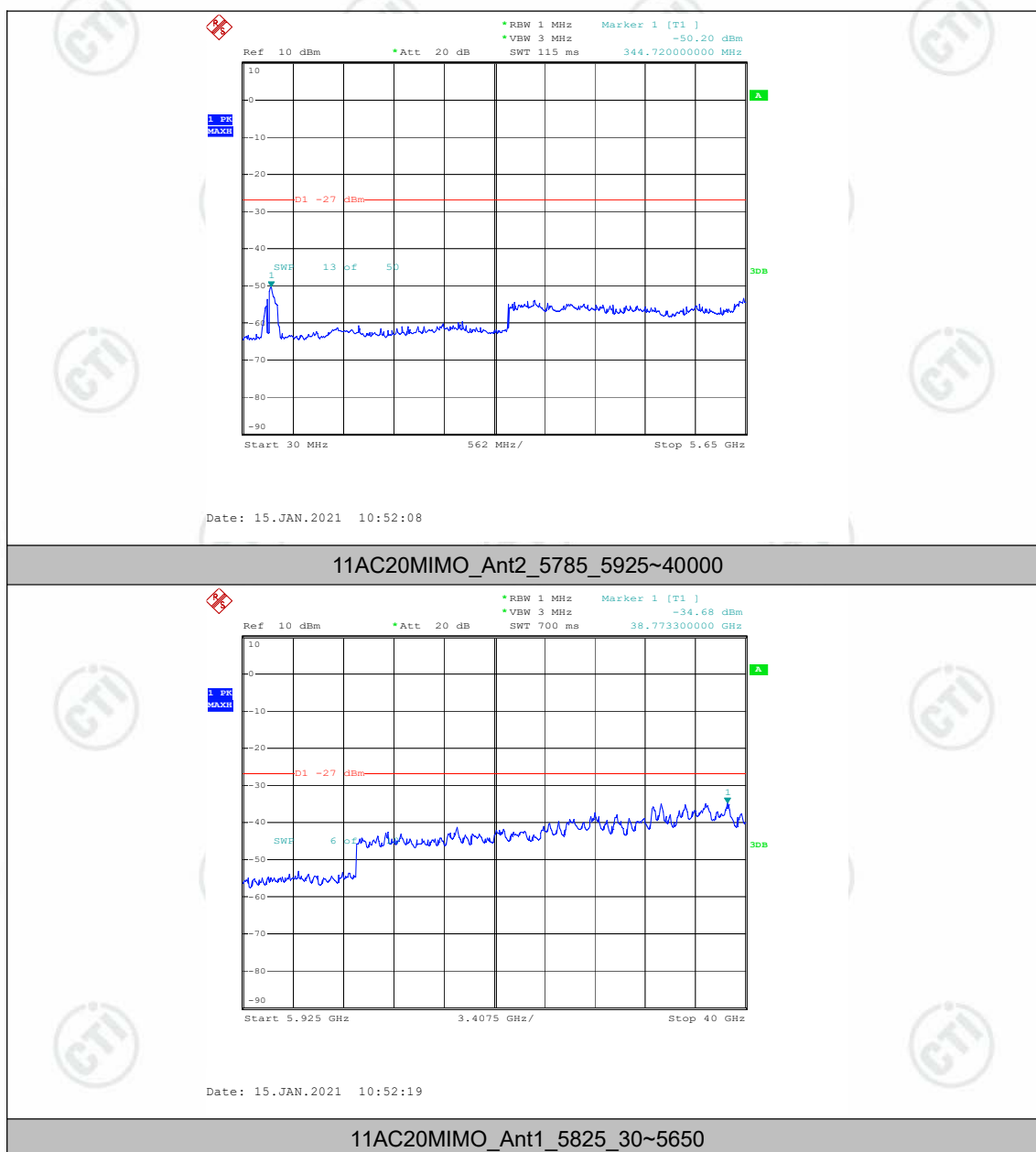


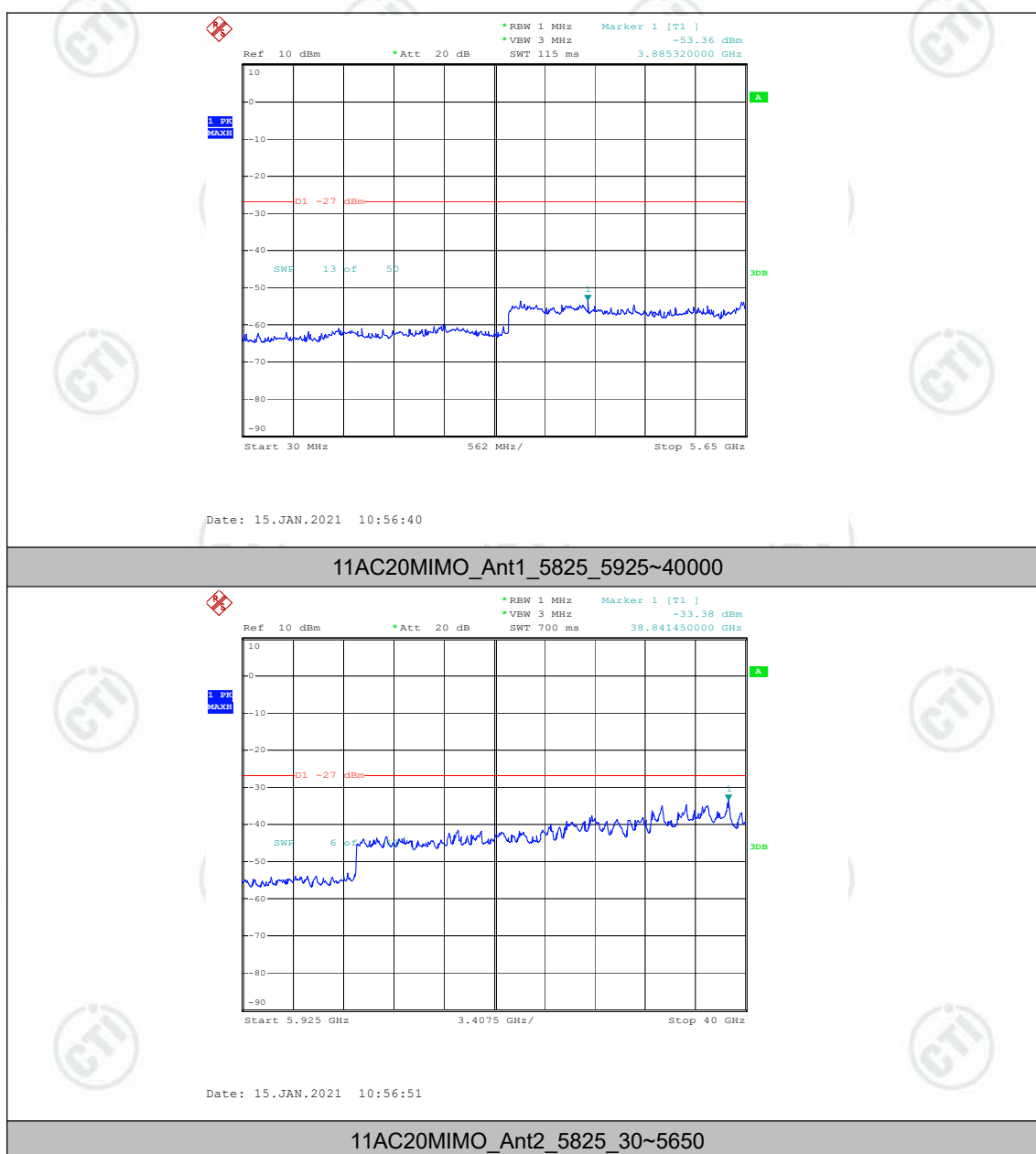


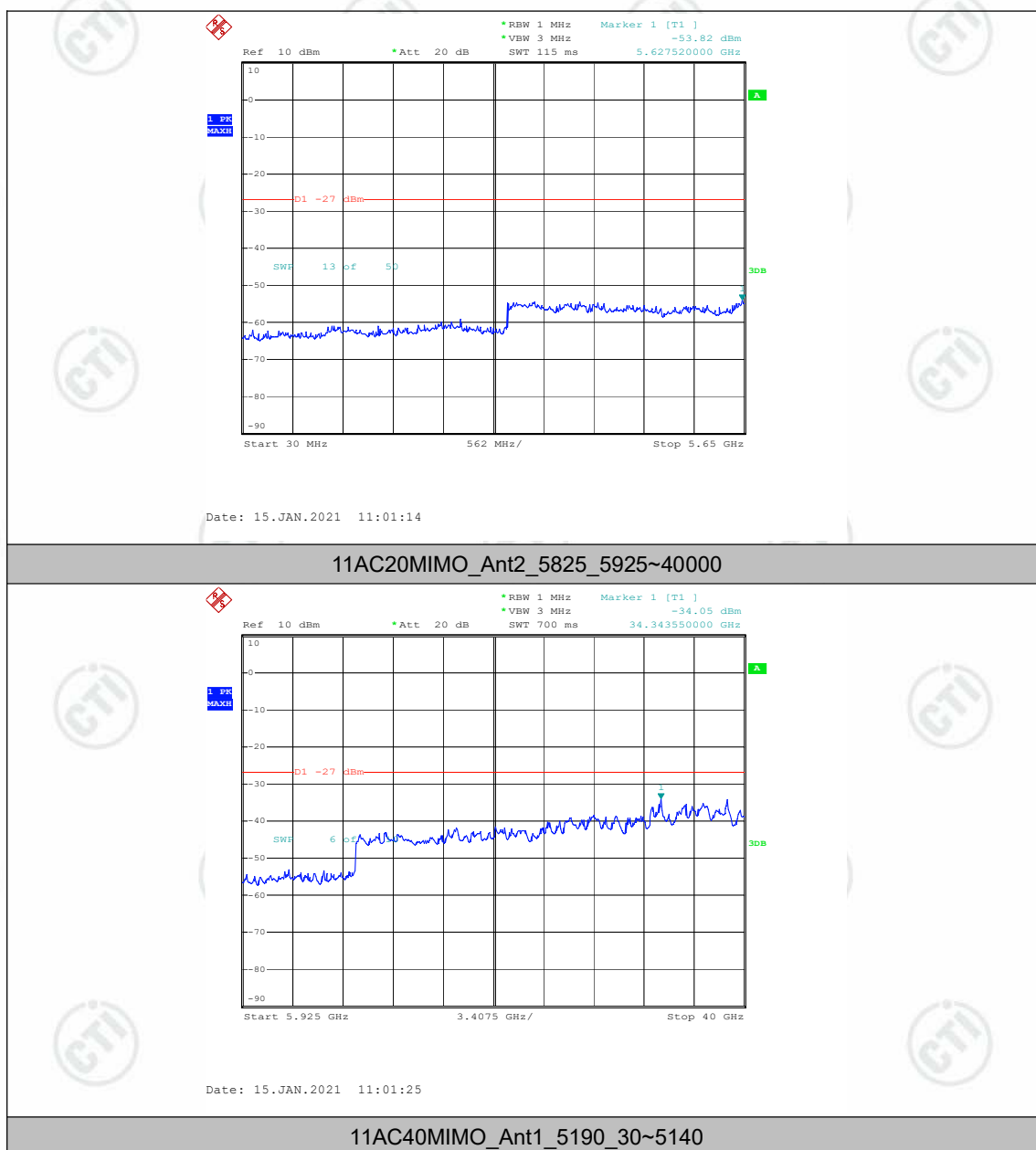


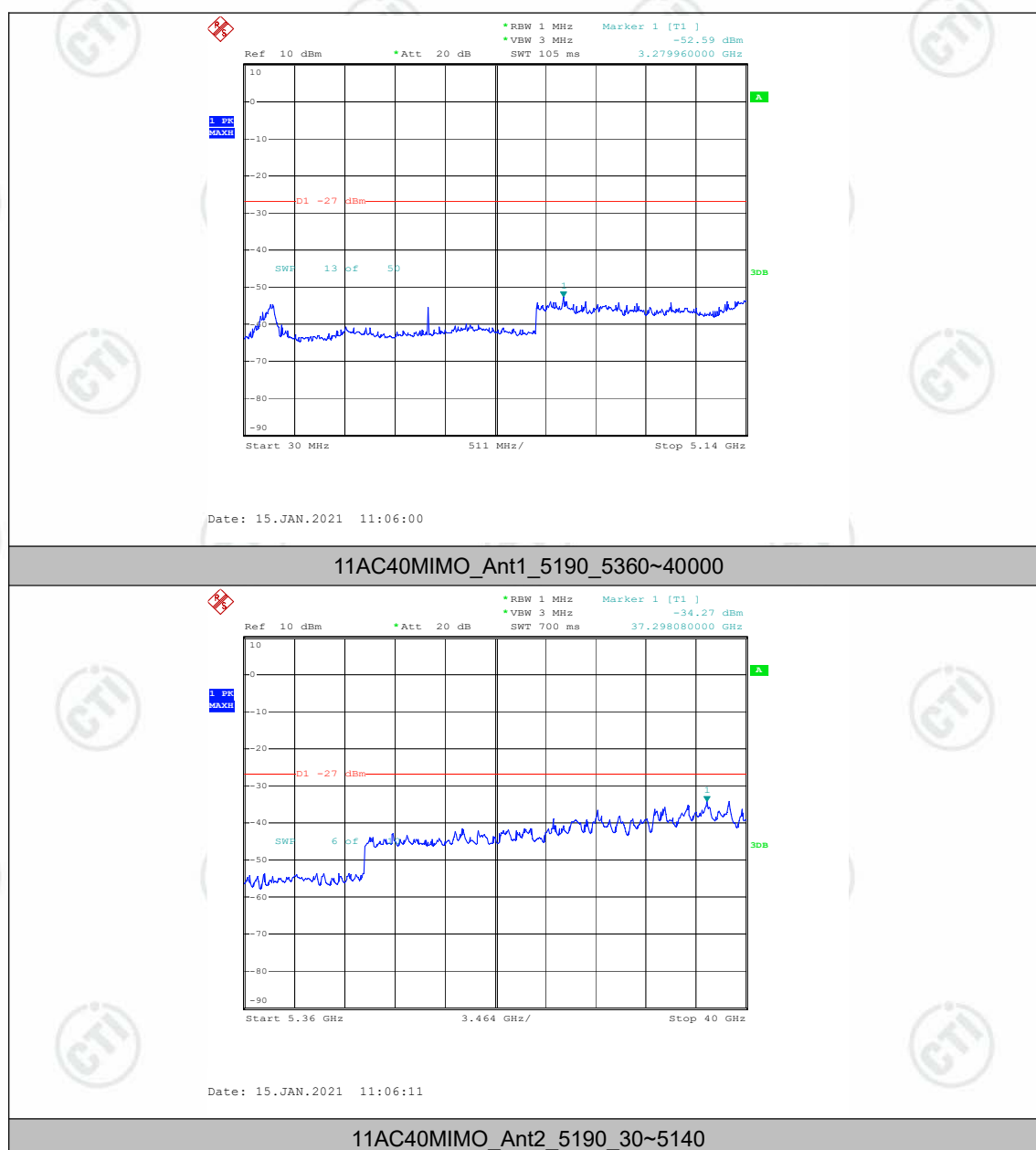


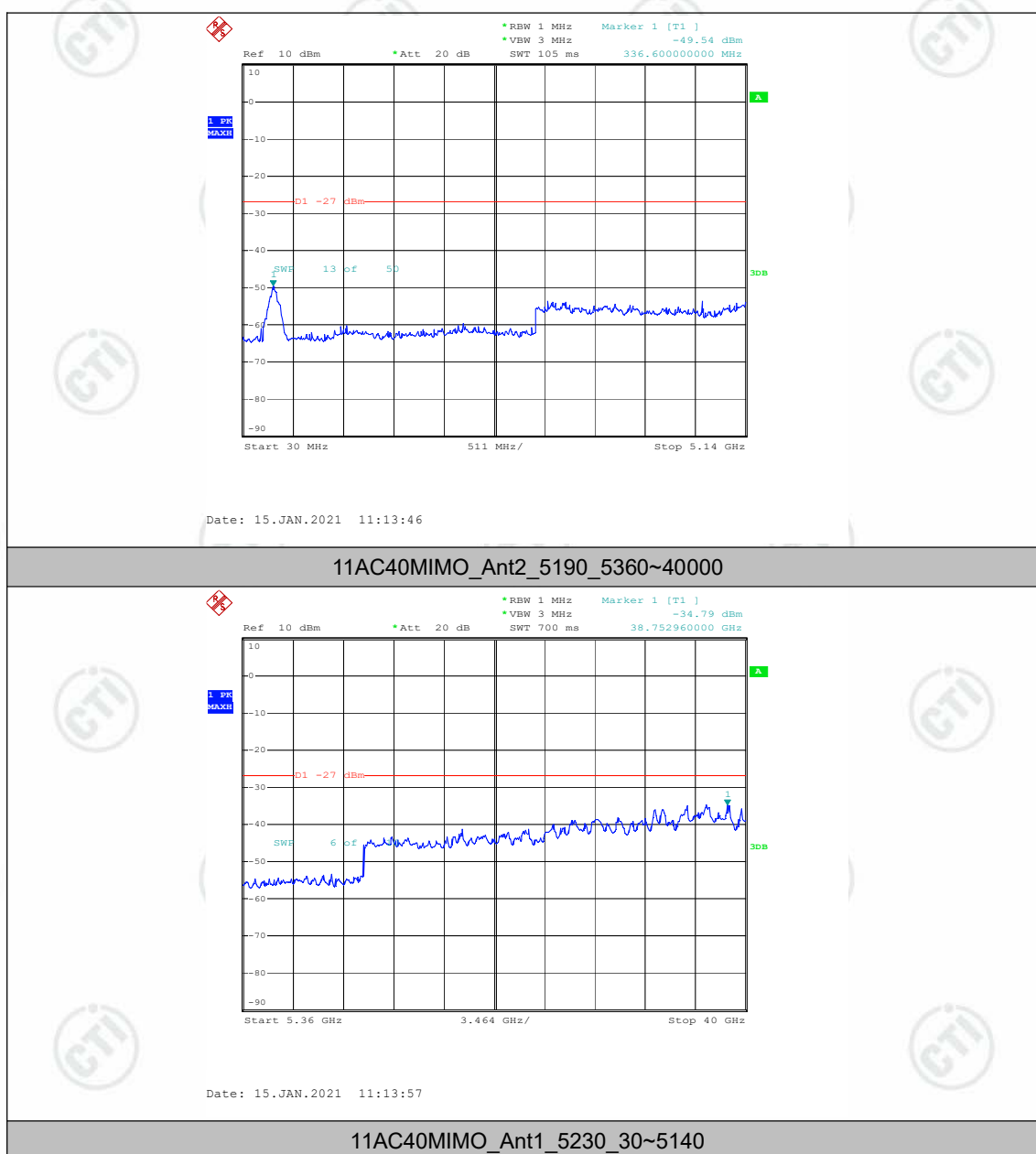


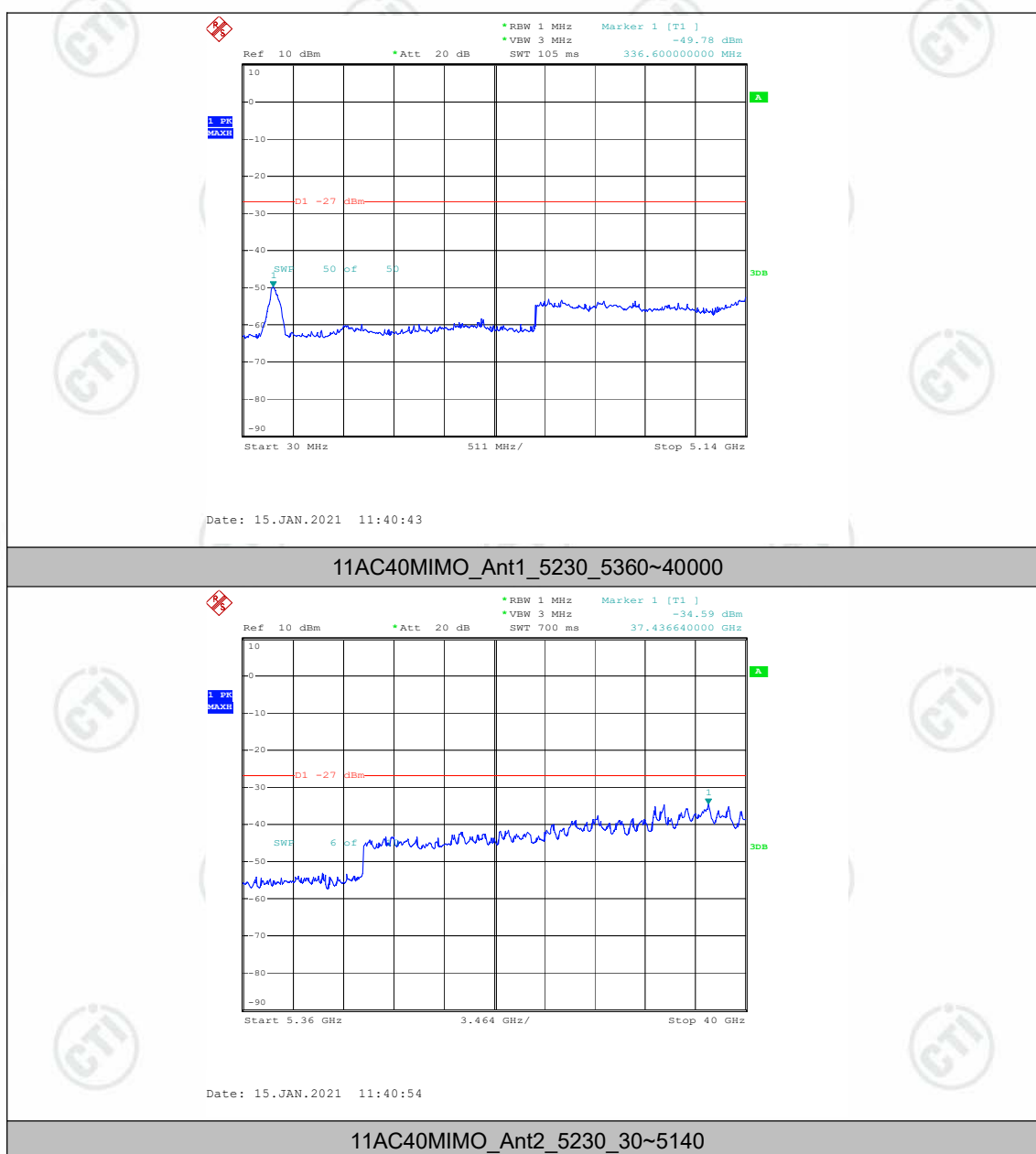


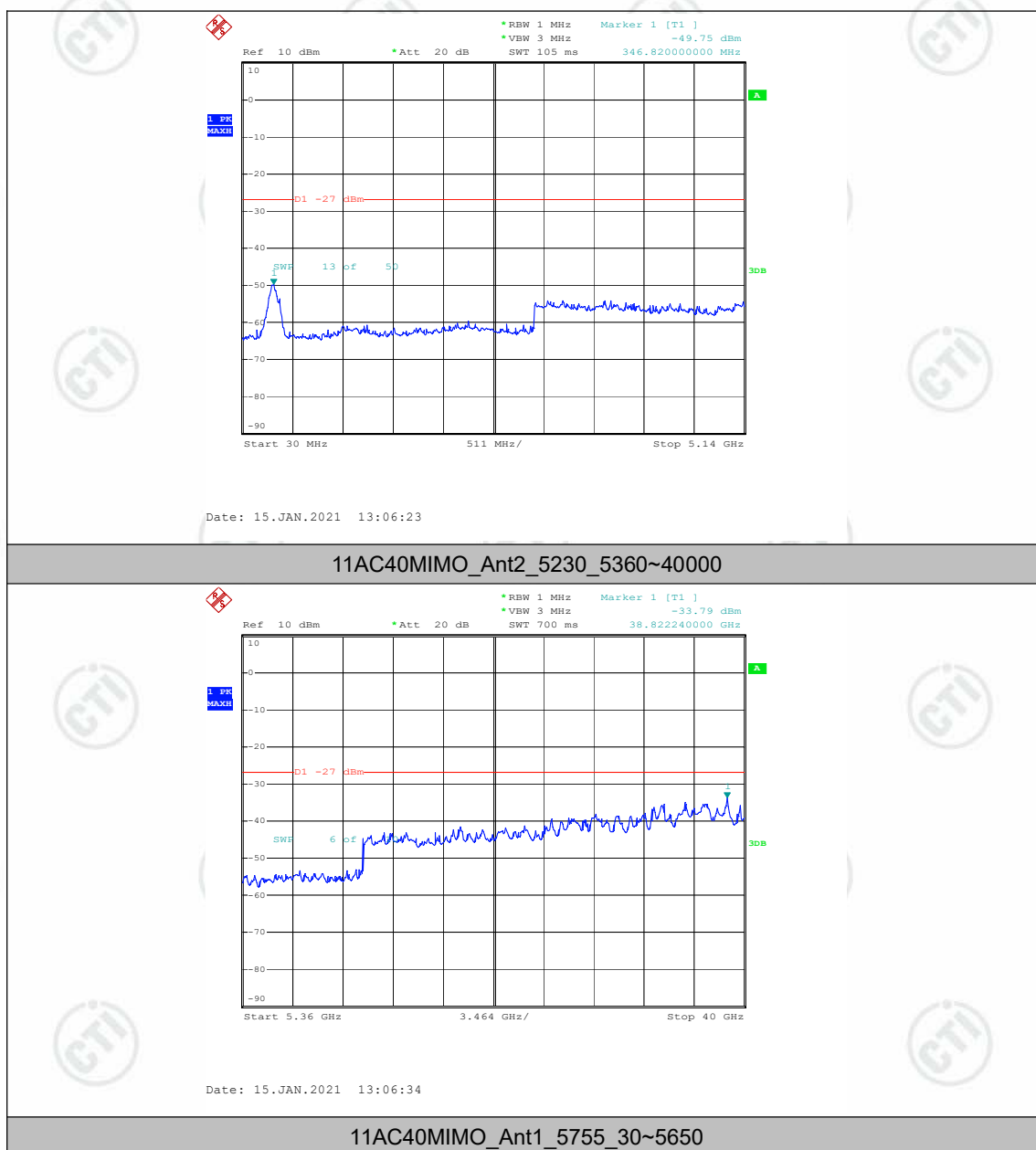


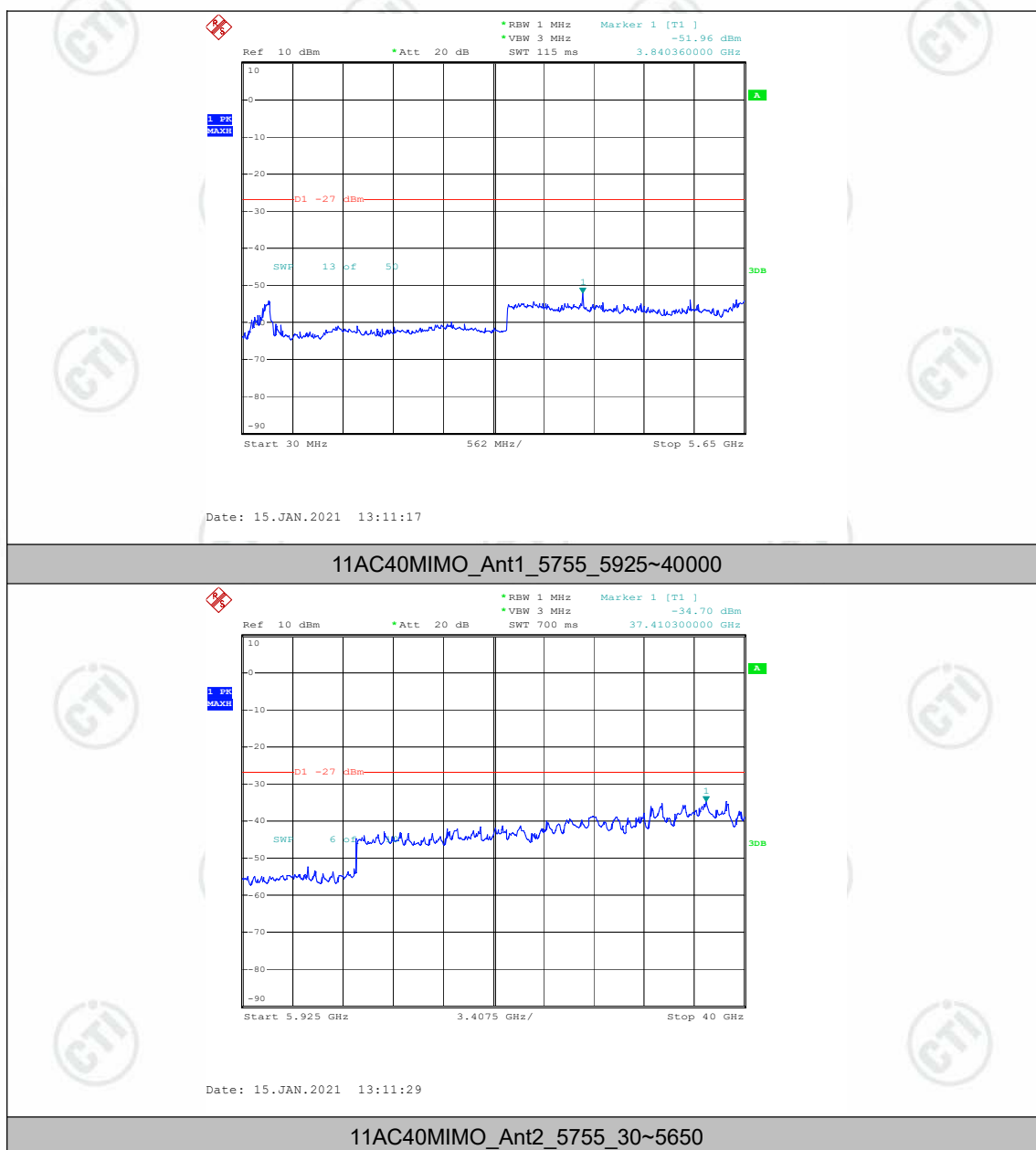


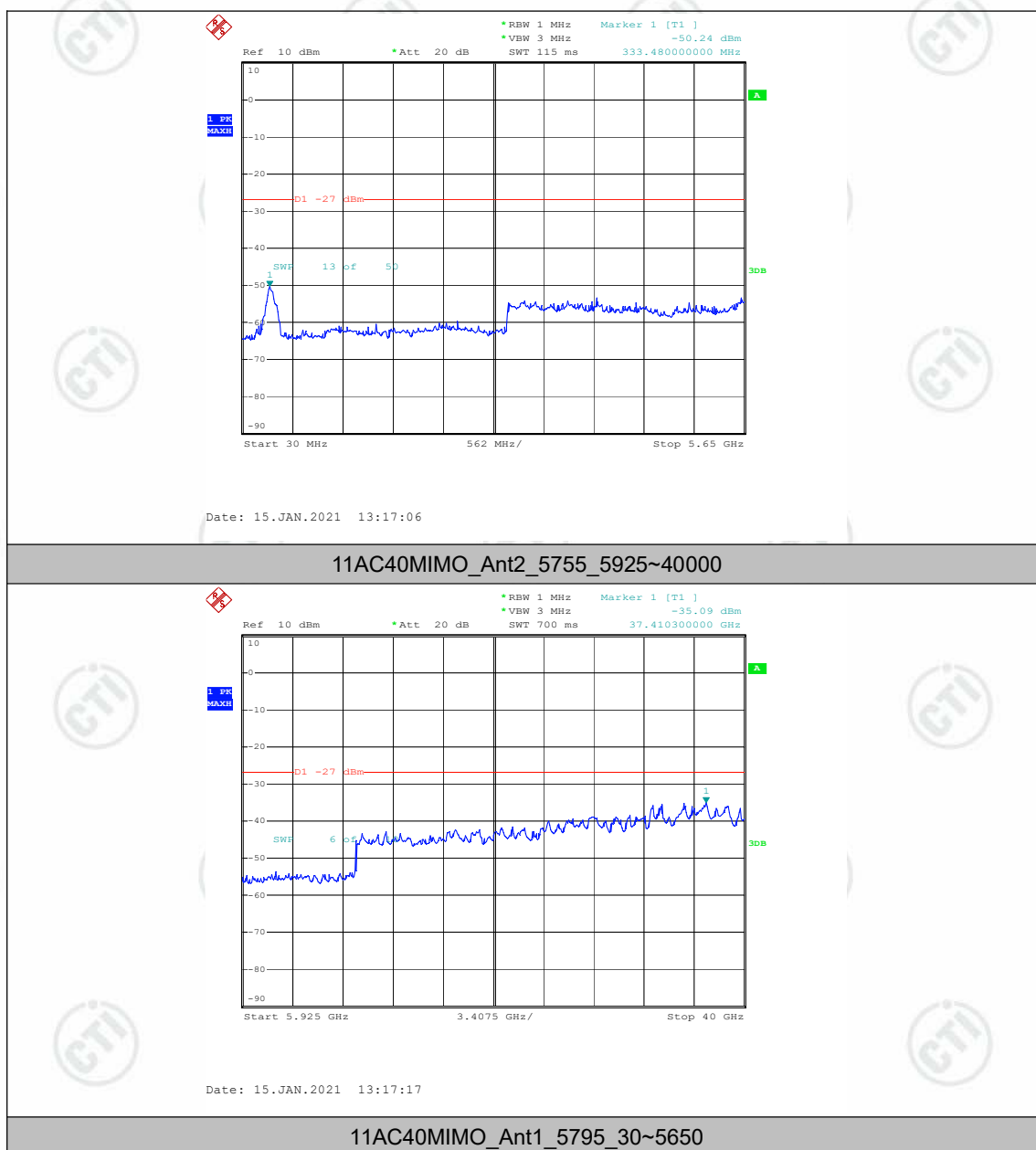


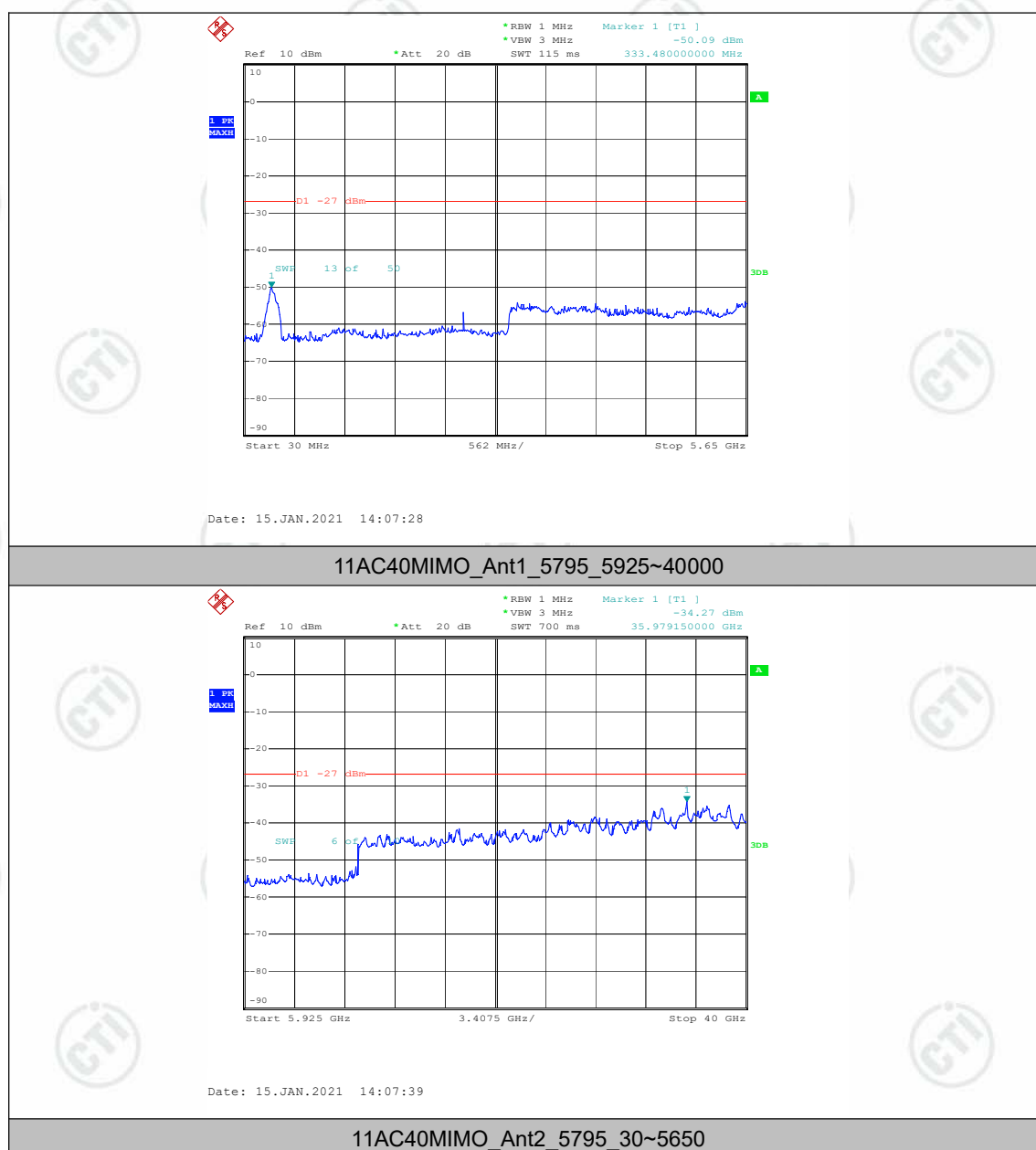


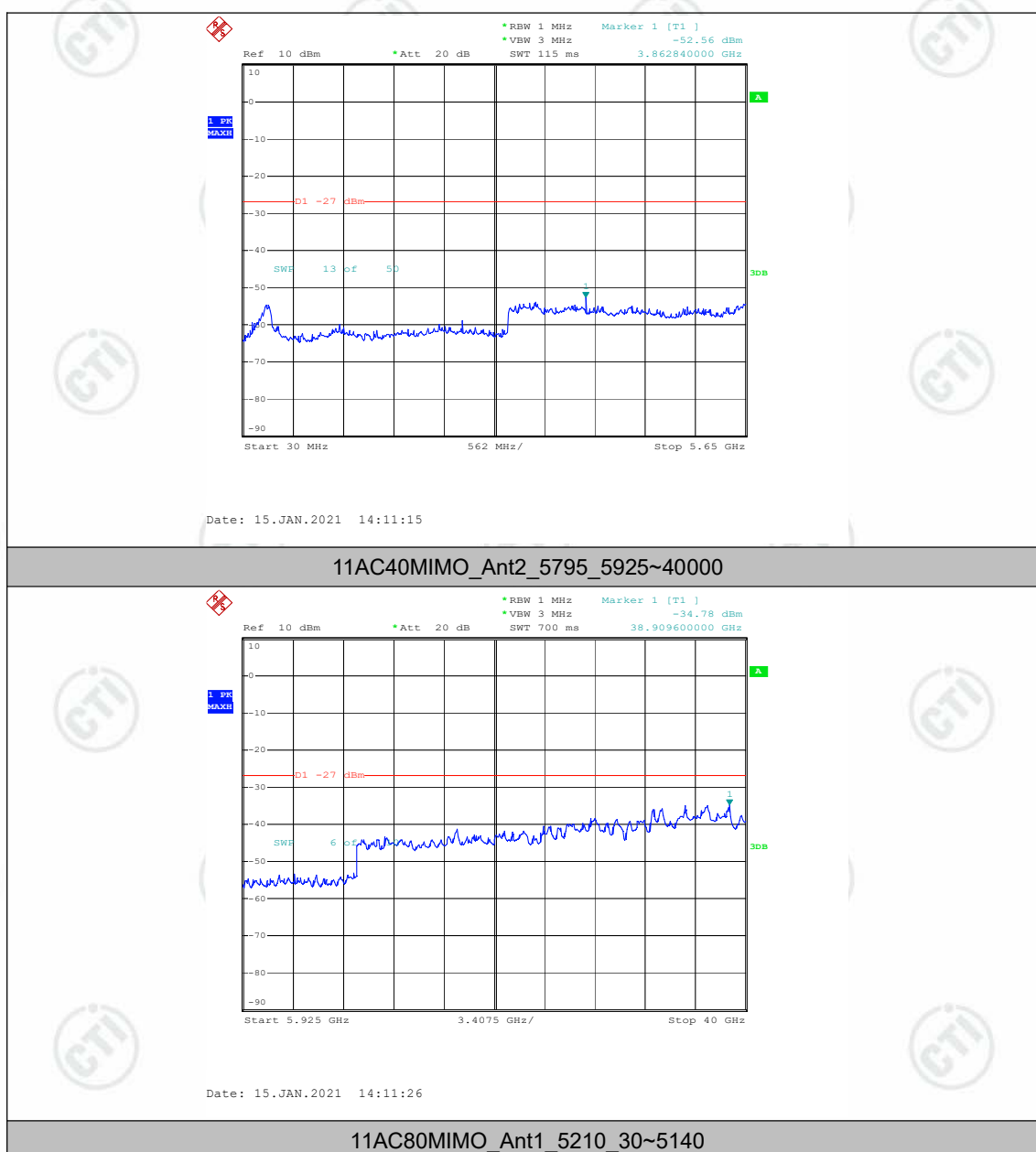


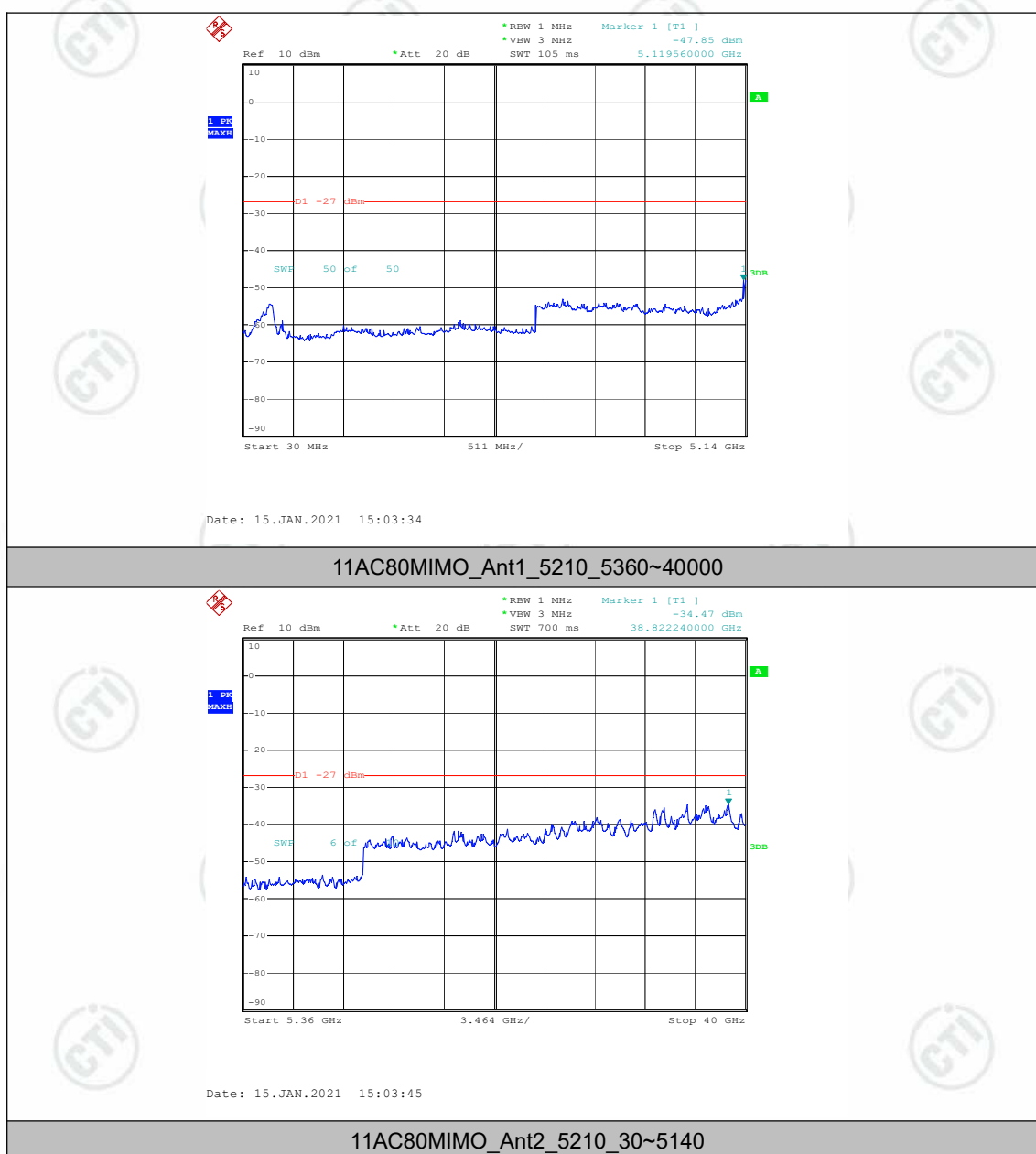


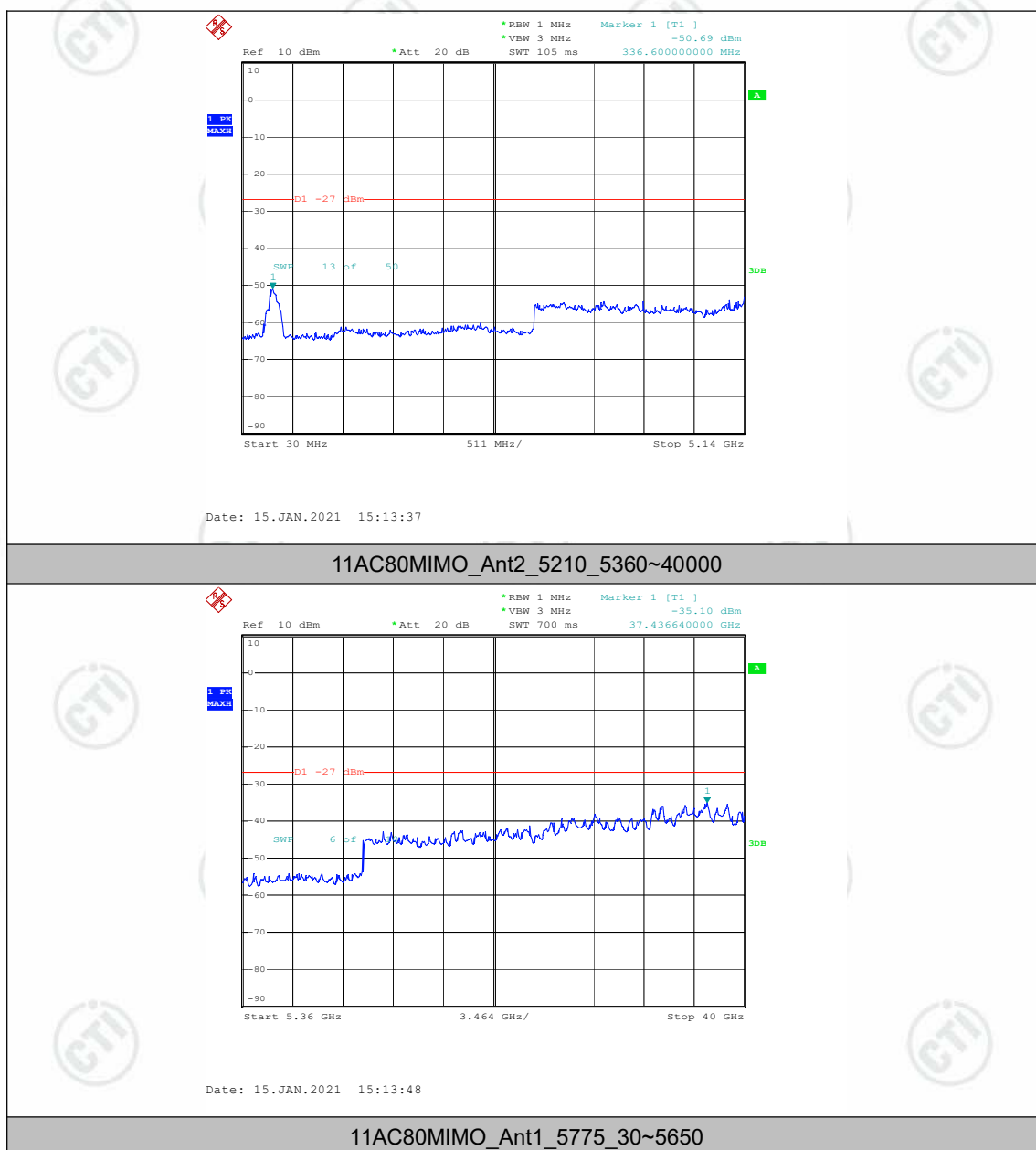


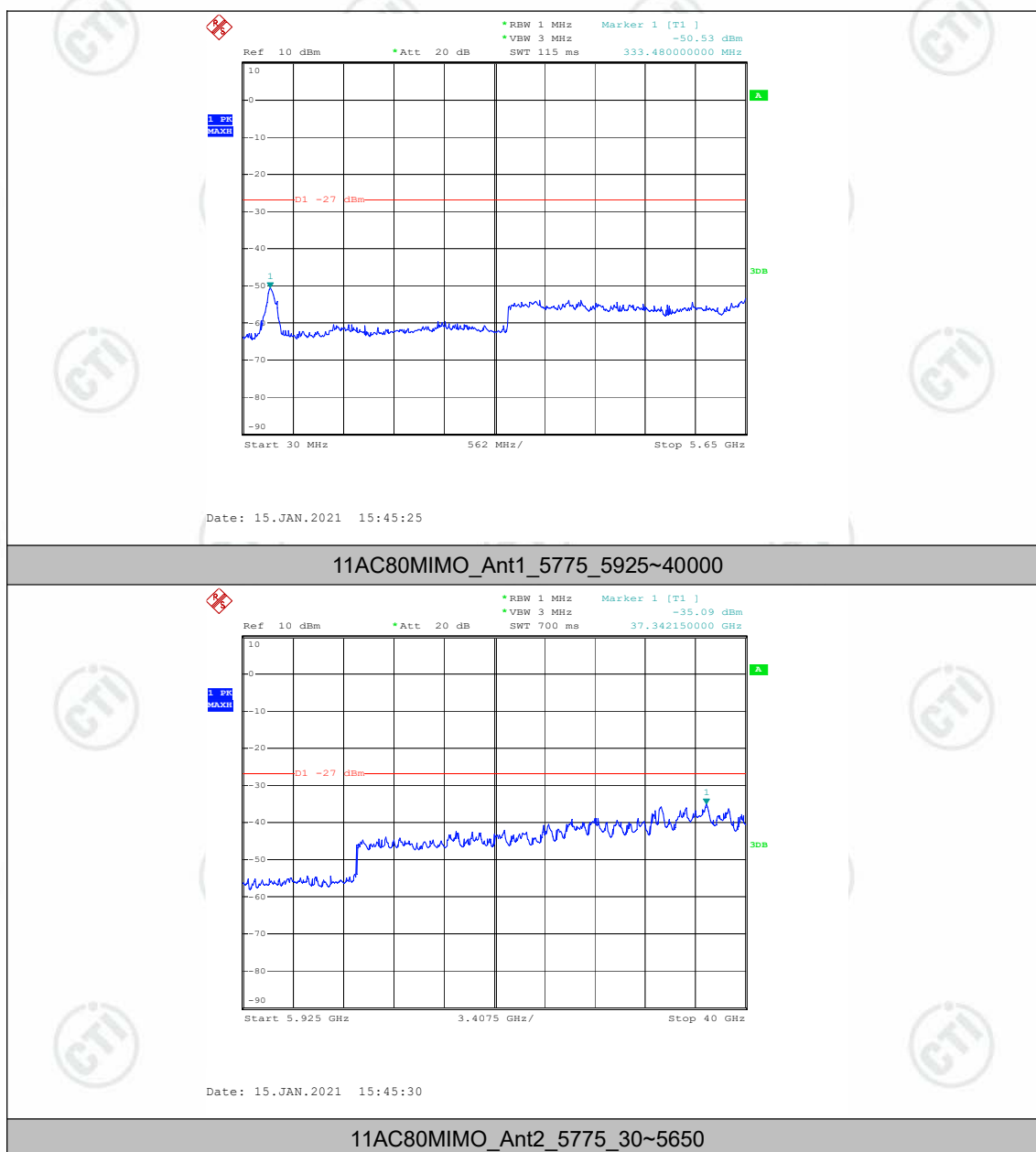


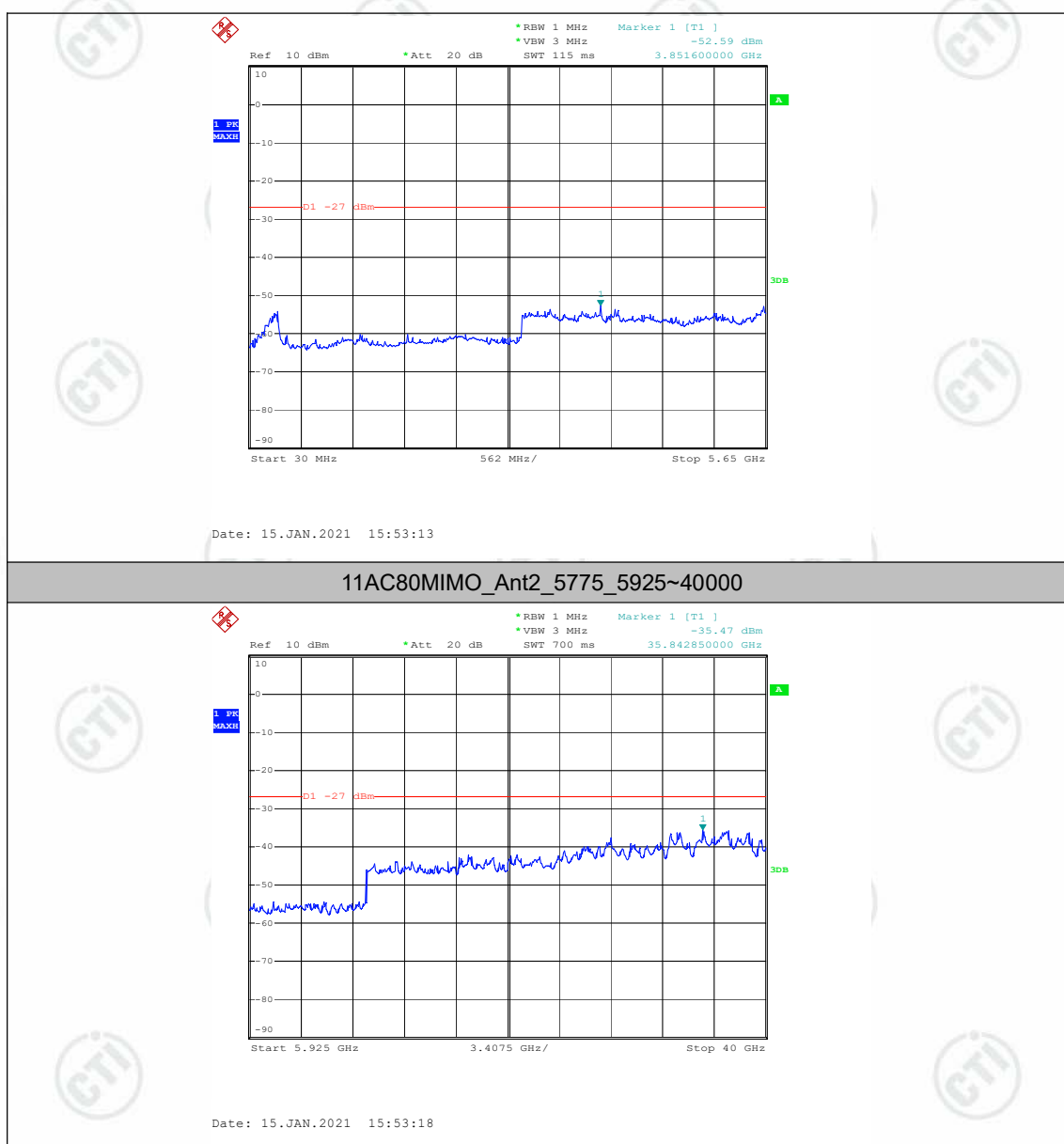












## AppendixG:Frequency Stability

### Test Result

| TestMode | Antenna | Channel | Voltage       |                  |                |                 |             |         |
|----------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
|          |         |         | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|          | Ant2    | 5180    | LV            | NT               | -13000         | -2.509653       | 20          | PASS    |
|          |         |         | HV            | NT               | -8000          | -1.544402       | 20          | PASS    |
|          |         |         | NV            | NT               | -2000          | -0.3861         | 20          | PASS    |
|          |         | 5200    | LV            | NT               | -2000          | -0.3861         | 20          | PASS    |
|          |         |         | HV            | NT               | -2000          | -0.3861         | 20          | PASS    |
|          |         |         | NV            | NT               | -4000          | -0.769231       | 20          | PASS    |
|          | Ant1    | 5200    | LV            | NT               | -4000          | -0.769231       | 20          | PASS    |
|          |         |         | HV            | NT               | -4000          | -0.769231       | 20          | PASS    |
|          |         |         | NV            | NT               | -3000          | -0.576923       | 20          | PASS    |
|          | Ant2    | 5200    | LV            | NT               | -3000          | -0.576923       | 20          | PASS    |
|          |         |         | HV            | NT               | -3000          | -0.576923       | 20          | PASS    |
|          |         |         | NV            | NT               | 0              | 0               | 20          | PASS    |
|          | Ant1    | 5240    | LV            | NT               | 0              | 0               | 20          | PASS    |
|          |         |         | HV            | NT               | 1000           | 0.19084         | 20          | PASS    |
|          |         |         | NV            | NT               | 7000           | 1.335878        | 20          | PASS    |
|          | Ant2    | 5240    | LV            | NT               | 7000           | 1.335878        | 20          | PASS    |
|          |         |         | HV            | NT               | 7000           | 1.335878        | 20          | PASS    |
|          |         |         | NV            | NT               | 0              | 0               | 20          | PASS    |
|          | Ant1    | 5745    | LV            | NT               | 0              | 0               | 20          | PASS    |
|          |         |         | HV            | NT               | 1000           | 0.174064        | 20          | PASS    |
|          |         |         | NV            | NT               | 2000           | 0.348129        | 20          | PASS    |
|          | Ant2    | 5745    | LV            | NT               | 2000           | 0.348129        | 20          | PASS    |
|          |         |         | HV            | NT               | 2000           | 0.348129        | 20          | PASS    |
|          |         |         | NV            | NT               | -2000          | -0.345722       | 20          | PASS    |
|          | Ant1    | 5785    | LV            | NT               | -1000          | -0.172861       | 20          | PASS    |
|          |         |         | HV            | NT               | 0              | 0               | 20          | PASS    |
|          |         |         | NV            | NT               | 16000          | 2.765774        | 20          | PASS    |
|          | Ant2    | 5785    | LV            | NT               | 21000          | 3.630078        | 20          | PASS    |
|          |         |         | HV            | NT               | 26000          | 4.494382        | 20          | PASS    |
|          |         |         | NV            | NT               | 2000           | 0.343348        | 20          | PASS    |
|          | Ant1    | 5825    | LV            | NT               | 3000           | 0.515021        | 20          | PASS    |
|          |         |         | HV            | NT               | 4000           | 0.686695        | 20          | PASS    |
|          |         |         | NV            | NT               |                |                 |             |         |

|               |      |      |    |    |       |           |    |      |
|---------------|------|------|----|----|-------|-----------|----|------|
|               | Ant2 | 5825 | NV | NT | 14000 | 2.403433  | 20 | PASS |
|               |      |      | LV | NT | 20000 | 3.433476  | 20 | PASS |
|               |      |      | HV | NT | 26000 | 4.463519  | 20 | PASS |
| 11N20SI<br>SO | Ant1 | 5180 | NV | NT | -5000 | -0.965251 | 20 | PASS |
|               |      |      | LV | NT | -4000 | -0.772201 | 20 | PASS |
|               |      |      | HV | NT | -5000 | -0.965251 | 20 | PASS |
|               | Ant2 | 5180 | NV | NT | -4000 | -0.772201 | 20 | PASS |
|               |      |      | LV | NT | -4000 | -0.772201 | 20 | PASS |
|               |      |      | HV | NT | -3000 | -0.579151 | 20 | PASS |
|               | Ant1 | 5200 | NV | NT | -3000 | -0.576923 | 20 | PASS |
|               |      |      | LV | NT | -4000 | -0.769231 | 20 | PASS |
|               |      |      | HV | NT | -4000 | -0.769231 | 20 | PASS |
|               | Ant2 | 5200 | NV | NT | -3000 | -0.576923 | 20 | PASS |
|               |      |      | LV | NT | -3000 | -0.576923 | 20 | PASS |
|               |      |      | HV | NT | -2000 | -0.384615 | 20 | PASS |
|               | Ant1 | 5240 | NV | NT | 5000  | 0.954198  | 20 | PASS |
|               |      |      | LV | NT | 5000  | 0.954198  | 20 | PASS |
|               |      |      | HV | NT | 5000  | 0.954198  | 20 | PASS |
|               | Ant2 | 5240 | NV | NT | 7000  | 1.335878  | 20 | PASS |
|               |      |      | LV | NT | 7000  | 1.335878  | 20 | PASS |
|               |      |      | HV | NT | 7000  | 1.335878  | 20 | PASS |
|               | Ant1 | 5745 | NV | NT | 2000  | 0.348129  | 20 | PASS |
|               |      |      | LV | NT | 2000  | 0.348129  | 20 | PASS |
|               |      |      | HV | NT | 2000  | 0.348129  | 20 | PASS |
|               | Ant2 | 5745 | NV | NT | 2000  | 0.348129  | 20 | PASS |
|               |      |      | LV | NT | 2000  | 0.348129  | 20 | PASS |
|               |      |      | HV | NT | 2000  | 0.348129  | 20 | PASS |
|               | Ant1 | 5785 | NV | NT | 2000  | 0.345722  | 20 | PASS |
|               |      |      | LV | NT | 3000  | 0.518583  | 20 | PASS |
|               |      |      | HV | NT | 2000  | 0.345722  | 20 | PASS |
|               | Ant2 | 5785 | NV | NT | 3000  | 0.518583  | 20 | PASS |
|               |      |      | LV | NT | 3000  | 0.518583  | 20 | PASS |
|               |      |      | HV | NT | 3000  | 0.518583  | 20 | PASS |
|               | Ant1 | 5825 | NV | NT | 5000  | 0.858369  | 20 | PASS |
|               |      |      | LV | NT | 5000  | 0.858369  | 20 | PASS |
|               |      |      | HV | NT | 5000  | 0.858369  | 20 | PASS |
|               | Ant2 | 5825 | NV | NT | 7000  | 1.201717  | 20 | PASS |
|               |      |      | LV | NT | 7000  | 1.201717  | 20 | PASS |
|               |      |      | HV | NT | 7000  | 1.201717  | 20 | PASS |

|                |      |      |    |    |       |           |    |      |
|----------------|------|------|----|----|-------|-----------|----|------|
| 11N40SI<br>SO  | Ant1 | 5190 | NV | NT | 0     | 0         | 20 | PASS |
|                |      |      | LV | NT | 1000  | 0.192678  | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.385356  | 20 | PASS |
|                | Ant2 | 5190 | NV | NT | 5000  | 0.963391  | 20 | PASS |
|                |      |      | LV | NT | 5000  | 0.963391  | 20 | PASS |
|                |      |      | HV | NT | 5000  | 0.963391  | 20 | PASS |
|                | Ant1 | 5230 | NV | NT | 0     | 0         | 20 | PASS |
|                |      |      | LV | NT | 1000  | 0.191205  | 20 | PASS |
|                |      |      | HV | NT | 1000  | 0.191205  | 20 | PASS |
|                | Ant2 | 5230 | NV | NT | 2000  | 0.382409  | 20 | PASS |
|                |      |      | LV | NT | 2000  | 0.382409  | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.382409  | 20 | PASS |
|                | Ant1 | 5755 | NV | NT | 15000 | 2.606429  | 20 | PASS |
|                |      |      | LV | NT | 16000 | 2.780191  | 20 | PASS |
|                |      |      | HV | NT | 16000 | 2.780191  | 20 | PASS |
|                | Ant2 | 5755 | NV | NT | 23000 | 3.996525  | 20 | PASS |
|                |      |      | LV | NT | 23000 | 3.996525  | 20 | PASS |
|                |      |      | HV | NT | 24000 | 4.170287  | 20 | PASS |
|                | Ant1 | 5795 | NV | NT | 23000 | 3.968939  | 20 | PASS |
|                |      |      | LV | NT | 25000 | 4.314064  | 20 | PASS |
|                |      |      | HV | NT | 26000 | 4.486626  | 20 | PASS |
|                | Ant2 | 5795 | NV | NT | 35000 | 6.039689  | 20 | PASS |
|                |      |      | LV | NT | 35000 | 6.039689  | 20 | PASS |
|                |      |      | HV | NT | 35000 | 6.039689  | 20 | PASS |
| 11AC20S<br>ISO | Ant1 | 5180 | NV | NT | -4000 | -0.772201 | 20 | PASS |
|                |      |      | LV | NT | -4000 | -0.772201 | 20 | PASS |
|                |      |      | HV | NT | -4000 | -0.772201 | 20 | PASS |
|                | Ant2 | 5180 | NV | NT | -3000 | -0.579151 | 20 | PASS |
|                |      |      | LV | NT | -3000 | -0.579151 | 20 | PASS |
|                |      |      | HV | NT | -3000 | -0.579151 | 20 | PASS |
|                | Ant1 | 5200 | NV | NT | -3000 | -0.576923 | 20 | PASS |
|                |      |      | LV | NT | -3000 | -0.576923 | 20 | PASS |
|                |      |      | HV | NT | -3000 | -0.576923 | 20 | PASS |
|                | Ant2 | 5200 | NV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | LV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | HV | NT | -3000 | -0.576923 | 20 | PASS |
|                | Ant1 | 5240 | NV | NT | 6000  | 1.145038  | 20 | PASS |
|                |      |      | LV | NT | 6000  | 1.145038  | 20 | PASS |
|                |      |      | HV | NT | 6000  | 1.145038  | 20 | PASS |

|                |      |      |    |    |       |          |    |      |
|----------------|------|------|----|----|-------|----------|----|------|
|                | Ant2 | 5240 | NV | NT | 8000  | 1.526718 | 20 | PASS |
|                |      |      | LV | NT | 8000  | 1.526718 | 20 | PASS |
|                |      |      | HV | NT | 8000  | 1.526718 | 20 | PASS |
|                | Ant1 | 5745 | NV | NT | 2000  | 0.348129 | 20 | PASS |
|                |      |      | LV | NT | 2000  | 0.348129 | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.348129 | 20 | PASS |
|                | Ant2 | 5745 | NV | NT | 2000  | 0.348129 | 20 | PASS |
|                |      |      | LV | NT | 2000  | 0.348129 | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.348129 | 20 | PASS |
|                | Ant1 | 5785 | NV | NT | 3000  | 0.518583 | 20 | PASS |
|                |      |      | LV | NT | 3000  | 0.518583 | 20 | PASS |
|                |      |      | HV | NT | 3000  | 0.518583 | 20 | PASS |
|                | Ant2 | 5785 | NV | NT | 3000  | 0.518583 | 20 | PASS |
|                |      |      | LV | NT | 3000  | 0.518583 | 20 | PASS |
|                |      |      | HV | NT | 3000  | 0.518583 | 20 | PASS |
|                | Ant1 | 5825 | NV | NT | 7000  | 1.201717 | 20 | PASS |
|                |      |      | LV | NT | 7000  | 1.201717 | 20 | PASS |
|                |      |      | HV | NT | 7000  | 1.201717 | 20 | PASS |
|                | Ant2 | 5825 | NV | NT | 7000  | 1.201717 | 20 | PASS |
|                |      |      | LV | NT | 8000  | 1.373391 | 20 | PASS |
|                |      |      | HV | NT | 8000  | 1.373391 | 20 | PASS |
| 11AC40S<br>ISO | Ant1 | 5190 | NV | NT | 4000  | 0.770713 | 20 | PASS |
|                |      |      | LV | NT | 5000  | 0.963391 | 20 | PASS |
|                |      |      | HV | NT | 5000  | 0.963391 | 20 | PASS |
|                | Ant2 | 5190 | NV | NT | 5000  | 0.963391 | 20 | PASS |
|                |      |      | LV | NT | 5000  | 0.963391 | 20 | PASS |
|                |      |      | HV | NT | 5000  | 0.963391 | 20 | PASS |
|                | Ant1 | 5230 | NV | NT | 2000  | 0.382409 | 20 | PASS |
|                |      |      | LV | NT | 2000  | 0.382409 | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.382409 | 20 | PASS |
|                | Ant2 | 5230 | NV | NT | 2000  | 0.382409 | 20 | PASS |
|                |      |      | LV | NT | 3000  | 0.573614 | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.382409 | 20 | PASS |
|                | Ant1 | 5755 | NV | NT | 18000 | 3.127715 | 20 | PASS |
|                |      |      | LV | NT | 18000 | 3.127715 | 20 | PASS |
|                |      |      | HV | NT | 18000 | 3.127715 | 20 | PASS |
|                | Ant2 | 5755 | NV | NT | 24000 | 4.170287 | 20 | PASS |
|                |      |      | LV | NT | 25000 | 4.344049 | 20 | PASS |
|                |      |      | HV | NT | 25000 | 4.344049 | 20 | PASS |

|                |      |      |    |    |       |           |    |      |
|----------------|------|------|----|----|-------|-----------|----|------|
|                | Ant1 | 5795 | NV | NT | 31000 | 5.349439  | 20 | PASS |
|                |      |      | LV | NT | 32000 | 5.522002  | 20 | PASS |
|                |      |      | HV | NT | 32000 | 5.522002  | 20 | PASS |
|                | Ant2 | 5795 | NV | NT | 35000 | 6.039689  | 20 | PASS |
|                |      |      | LV | NT | 36000 | 6.212252  | 20 | PASS |
|                |      |      | HV | NT | 36000 | 6.212252  | 20 | PASS |
| 11AC80S<br>ISO | Ant1 | 5210 | NV | NT | -3000 | -0.575816 | 20 | PASS |
|                |      |      | LV | NT | 0     | 0         | 20 | PASS |
|                |      |      | HV | NT | 4000  | 0.767754  | 20 | PASS |
|                | Ant2 | 5210 | NV | NT | 20000 | 3.838772  | 20 | PASS |
|                |      |      | LV | NT | 21000 | 4.03071   | 20 | PASS |
|                |      |      | HV | NT | 21000 | 4.03071   | 20 | PASS |
|                | Ant1 | 5775 | NV | NT | 10000 | 1.731602  | 20 | PASS |
|                |      |      | LV | NT | 15000 | 2.597403  | 20 | PASS |
|                |      |      | HV | NT | 18000 | 3.116883  | 20 | PASS |
|                | Ant2 | 5775 | NV | NT | 39000 | 6.753247  | 20 | PASS |
|                |      |      | LV | NT | 39000 | 6.753247  | 20 | PASS |
|                |      |      | HV | NT | 40000 | 6.926407  | 20 | PASS |
| 11N20MI<br>MO  | Ant1 | 5180 | NV | NT | -3000 | -0.579151 | 20 | PASS |
|                |      |      | LV | NT | -3000 | -0.579151 | 20 | PASS |
|                |      |      | HV | NT | -3000 | -0.579151 | 20 | PASS |
|                | Ant2 | 5180 | NV | NT | -2000 | -0.3861   | 20 | PASS |
|                |      |      | LV | NT | -2000 | -0.3861   | 20 | PASS |
|                |      |      | HV | NT | -2000 | -0.3861   | 20 | PASS |
|                | Ant1 | 5200 | NV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | LV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | HV | NT | -2000 | -0.384615 | 20 | PASS |
|                | Ant2 | 5200 | NV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | LV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | HV | NT | -3000 | -0.576923 | 20 | PASS |
|                | Ant1 | 5240 | NV | NT | 8000  | 1.526718  | 20 | PASS |
|                |      |      | LV | NT | 8000  | 1.526718  | 20 | PASS |
|                |      |      | HV | NT | 8000  | 1.526718  | 20 | PASS |
|                | Ant2 | 5240 | NV | NT | 8000  | 1.526718  | 20 | PASS |
|                |      |      | LV | NT | 8000  | 1.526718  | 20 | PASS |
|                |      |      | HV | NT | 8000  | 1.526718  | 20 | PASS |
|                | Ant1 | 5745 | NV | NT | 2000  | 0.348129  | 20 | PASS |
|                |      |      | LV | NT | 2000  | 0.348129  | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.348129  | 20 | PASS |

|  |      |      |    |    |       |          |    |      |
|--|------|------|----|----|-------|----------|----|------|
|  | Ant2 | 5745 | NV | NT | 2000  | 0.348129 | 20 | PASS |
|  |      |      | LV | NT | 2000  | 0.348129 | 20 | PASS |
|  |      |      | HV | NT | 2000  | 0.348129 | 20 | PASS |
|  | Ant1 | 5785 | NV | NT | 3000  | 0.518583 | 20 | PASS |
|  |      |      | LV | NT | 3000  | 0.518583 | 20 | PASS |
|  |      |      | HV | NT | 3000  | 0.518583 | 20 | PASS |
|  | Ant2 | 5785 | NV | NT | 4000  | 0.691443 | 20 | PASS |
|  |      |      | LV | NT | 3000  | 0.518583 | 20 | PASS |
|  |      |      | HV | NT | 3000  | 0.518583 | 20 | PASS |
|  | Ant1 | 5825 | NV | NT | 8000  | 1.373391 | 20 | PASS |
|  |      |      | LV | NT | 8000  | 1.373391 | 20 | PASS |
|  |      |      | HV | NT | 8000  | 1.373391 | 20 | PASS |
|  | Ant2 | 5825 | NV | NT | 8000  | 1.373391 | 20 | PASS |
|  |      |      | LV | NT | 8000  | 1.373391 | 20 | PASS |
|  |      |      | HV | NT | 8000  | 1.373391 | 20 | PASS |
|  | Ant1 | 5190 | NV | NT | 6000  | 1.156069 | 20 | PASS |
|  |      |      | LV | NT | 5000  | 0.963391 | 20 | PASS |
|  |      |      | HV | NT | 5000  | 0.963391 | 20 | PASS |
|  | Ant2 | 5190 | NV | NT | 5000  | 0.963391 | 20 | PASS |
|  |      |      | LV | NT | 5000  | 0.963391 | 20 | PASS |
|  |      |      | HV | NT | 6000  | 1.156069 | 20 | PASS |
|  | Ant1 | 5230 | NV | NT | 2000  | 0.382409 | 20 | PASS |
|  |      |      | LV | NT | 3000  | 0.573614 | 20 | PASS |
|  |      |      | HV | NT | 2000  | 0.382409 | 20 | PASS |
|  | Ant2 | 5230 | NV | NT | 3000  | 0.573614 | 20 | PASS |
|  |      |      | LV | NT | 2000  | 0.382409 | 20 | PASS |
|  |      |      | HV | NT | 2000  | 0.382409 | 20 | PASS |
|  | Ant1 | 5755 | NV | NT | 26000 | 4.517811 | 20 | PASS |
|  |      |      | LV | NT | 26000 | 4.517811 | 20 | PASS |
|  |      |      | HV | NT | 26000 | 4.517811 | 20 | PASS |
|  | Ant2 | 5755 | NV | NT | 28000 | 4.865334 | 20 | PASS |
|  |      |      | LV | NT | 28000 | 4.865334 | 20 | PASS |
|  |      |      | HV | NT | 28000 | 4.865334 | 20 | PASS |
|  | Ant1 | 5795 | NV | NT | 36000 | 6.212252 | 20 | PASS |
|  |      |      | LV | NT | 37000 | 6.384814 | 20 | PASS |
|  |      |      | HV | NT | 37000 | 6.384814 | 20 | PASS |
|  | Ant2 | 5795 | NV | NT | 37000 | 6.384814 | 20 | PASS |
|  |      |      | LV | NT | 37000 | 6.384814 | 20 | PASS |
|  |      |      | HV | NT | 37000 | 6.384814 | 20 | PASS |

|                |      |      |    |    |       |           |    |      |
|----------------|------|------|----|----|-------|-----------|----|------|
| 11AC20M<br>IMO | Ant1 | 5180 | NV | NT | -3000 | -0.579151 | 20 | PASS |
|                |      |      | LV | NT | -3000 | -0.579151 | 20 | PASS |
|                |      |      | HV | NT | -3000 | -0.579151 | 20 | PASS |
|                | Ant2 | 5180 | NV | NT | -2000 | -0.3861   | 20 | PASS |
|                |      |      | LV | NT | -2000 | -0.3861   | 20 | PASS |
|                |      |      | HV | NT | -2000 | -0.3861   | 20 | PASS |
|                | Ant1 | 5200 | NV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | LV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | HV | NT | -2000 | -0.384615 | 20 | PASS |
|                | Ant2 | 5200 | NV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | LV | NT | -2000 | -0.384615 | 20 | PASS |
|                |      |      | HV | NT | -2000 | -0.384615 | 20 | PASS |
|                | Ant1 | 5240 | NV | NT | 9000  | 1.717557  | 20 | PASS |
|                |      |      | LV | NT | 8000  | 1.526718  | 20 | PASS |
|                |      |      | HV | NT | 9000  | 1.717557  | 20 | PASS |
|                | Ant2 | 5240 | NV | NT | 9000  | 1.717557  | 20 | PASS |
|                |      |      | LV | NT | 9000  | 1.717557  | 20 | PASS |
|                |      |      | HV | NT | 9000  | 1.717557  | 20 | PASS |
|                | Ant1 | 5745 | NV | NT | 2000  | 0.348129  | 20 | PASS |
|                |      |      | LV | NT | 2000  | 0.348129  | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.348129  | 20 | PASS |
|                | Ant2 | 5745 | NV | NT | 2000  | 0.348129  | 20 | PASS |
|                |      |      | LV | NT | 2000  | 0.348129  | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.348129  | 20 | PASS |
|                | Ant1 | 5785 | NV | NT | 4000  | 0.691443  | 20 | PASS |
|                |      |      | LV | NT | 3000  | 0.518583  | 20 | PASS |
|                |      |      | HV | NT | 3000  | 0.518583  | 20 | PASS |
|                | Ant2 | 5785 | NV | NT | 3000  | 0.518583  | 20 | PASS |
|                |      |      | LV | NT | 3000  | 0.518583  | 20 | PASS |
|                |      |      | HV | NT | 4000  | 0.691443  | 20 | PASS |
|                | Ant1 | 5825 | NV | NT | 8000  | 1.373391  | 20 | PASS |
|                |      |      | LV | NT | 8000  | 1.373391  | 20 | PASS |
|                |      |      | HV | NT | 8000  | 1.373391  | 20 | PASS |
|                | Ant2 | 5825 | NV | NT | 8000  | 1.373391  | 20 | PASS |
|                |      |      | LV | NT | 8000  | 1.373391  | 20 | PASS |
|                |      |      | HV | NT | 8000  | 1.373391  | 20 | PASS |
| 11AC40M<br>IMO | Ant1 | 5190 | NV | NT | 6000  | 1.156069  | 20 | PASS |
|                |      |      | LV | NT | 6000  | 1.156069  | 20 | PASS |
|                |      |      | HV | NT | 6000  | 1.156069  | 20 | PASS |

|                |      |      |    |    |       |          |    |      |
|----------------|------|------|----|----|-------|----------|----|------|
| 11AC80M<br>IMO | Ant2 | 5190 | NV | NT | 6000  | 1.156069 | 20 | PASS |
|                |      |      | LV | NT | 6000  | 1.156069 | 20 | PASS |
|                |      |      | HV | NT | 6000  | 1.156069 | 20 | PASS |
|                | Ant1 | 5230 | NV | NT | 3000  | 0.573614 | 20 | PASS |
|                |      |      | LV | NT | 2000  | 0.382409 | 20 | PASS |
|                |      |      | HV | NT | 2000  | 0.382409 | 20 | PASS |
|                | Ant2 | 5230 | NV | NT | 3000  | 0.573614 | 20 | PASS |
|                |      |      | LV | NT | 3000  | 0.573614 | 20 | PASS |
|                |      |      | HV | NT | 3000  | 0.573614 | 20 | PASS |
|                | Ant1 | 5755 | NV | NT | 29000 | 5.039096 | 20 | PASS |
|                |      |      | LV | NT | 29000 | 5.039096 | 20 | PASS |
|                |      |      | HV | NT | 29000 | 5.039096 | 20 | PASS |
|                | Ant2 | 5755 | NV | NT | 30000 | 5.212858 | 20 | PASS |
|                |      |      | LV | NT | 30000 | 5.212858 | 20 | PASS |
|                |      |      | HV | NT | 30000 | 5.212858 | 20 | PASS |
|                | Ant1 | 5795 | NV | NT | 37000 | 6.384814 | 20 | PASS |
|                |      |      | LV | NT | 38000 | 6.557377 | 20 | PASS |
|                |      |      | HV | NT | 37000 | 6.384814 | 20 | PASS |
|                | Ant2 | 5795 | NV | NT | 38000 | 6.557377 | 20 | PASS |
|                |      |      | LV | NT | 38000 | 6.557377 | 20 | PASS |
|                |      |      | HV | NT | 38000 | 6.557377 | 20 | PASS |
|                | Ant1 | 5210 | NV | NT | 23000 | 4.414587 | 20 | PASS |
|                |      |      | LV | NT | 23000 | 4.414587 | 20 | PASS |
|                |      |      | HV | NT | 23000 | 4.414587 | 20 | PASS |
|                | Ant2 | 5210 | NV | NT | 24000 | 4.606526 | 20 | PASS |
|                |      |      | LV | NT | 24000 | 4.606526 | 20 | PASS |
|                |      |      | HV | NT | 24000 | 4.606526 | 20 | PASS |
|                | Ant1 | 5775 | NV | NT | 42000 | 7.272727 | 20 | PASS |
|                |      |      | LV | NT | 41000 | 7.099567 | 20 | PASS |
|                |      |      | HV | NT | 41000 | 7.099567 | 20 | PASS |
|                | Ant2 | 5775 | NV | NT | 42000 | 7.272727 | 20 | PASS |
|                |      |      | LV | NT | 42000 | 7.272727 | 20 | PASS |
|                |      |      | HV | NT | 42000 | 7.272727 | 20 | PASS |

| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|             |         |         | NV            | -20              | -1000          | -0.19305        | 20          | PASS    |
|             |         |         | NV            | -10              | 2000           | 0.3861          | 20          | PASS    |

|  |      |      |    |     |       |           |    |      |
|--|------|------|----|-----|-------|-----------|----|------|
|  |      |      | NV | 0   | 6000  | 1.158301  | 20 | PASS |
|  |      |      | NV | 10  | 8000  | 1.544402  | 20 | PASS |
|  |      |      | NV | 20  | 9000  | 1.737452  | 20 | PASS |
|  |      |      | NV | 30  | 11000 | 2.123552  | 20 | PASS |
|  |      |      | NV | 40  | 12000 | 2.316602  | 20 | PASS |
|  |      |      | NV | 50  | 12000 | 2.316602  | 20 | PASS |
|  | Ant2 | 5180 | NV | -30 | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | -20 | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | -10 | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 0   | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 10  | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 20  | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 30  | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 40  | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 50  | -2000 | -0.3861   | 20 | PASS |
|  | Ant1 | 5200 | NV | -30 | -4000 | -0.769231 | 20 | PASS |
|  |      |      | NV | -20 | -4000 | -0.769231 | 20 | PASS |
|  |      |      | NV | -10 | -4000 | -0.769231 | 20 | PASS |
|  |      |      | NV | 0   | -4000 | -0.769231 | 20 | PASS |
|  |      |      | NV | 10  | -4000 | -0.769231 | 20 | PASS |
|  |      |      | NV | 20  | -4000 | -0.769231 | 20 | PASS |
|  |      |      | NV | 30  | -4000 | -0.769231 | 20 | PASS |
|  |      |      | NV | 40  | -4000 | -0.769231 | 20 | PASS |
|  |      |      | NV | 50  | -4000 | -0.769231 | 20 | PASS |
|  | Ant2 | 5200 | NV | -30 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | -20 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | -10 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 0   | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 10  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 20  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 30  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 40  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 50  | -3000 | -0.576923 | 20 | PASS |
|  | Ant1 | 5240 | NV | -30 | 2000  | 0.381679  | 20 | PASS |
|  |      |      | NV | -20 | 2000  | 0.381679  | 20 | PASS |
|  |      |      | NV | -10 | 3000  | 0.572519  | 20 | PASS |
|  |      |      | NV | 0   | 3000  | 0.572519  | 20 | PASS |
|  |      |      | NV | 10  | 4000  | 0.763359  | 20 | PASS |
|  |      |      | NV | 20  | 4000  | 0.763359  | 20 | PASS |

|  |      |      |    |     |      |          |    |      |
|--|------|------|----|-----|------|----------|----|------|
|  |      |      | NV | 30  | 4000 | 0.763359 | 20 | PASS |
|  |      |      | NV | 40  | 4000 | 0.763359 | 20 | PASS |
|  |      |      | NV | 50  | 4000 | 0.763359 | 20 | PASS |
|  | Ant2 | 5240 | NV | -30 | 7000 | 1.335878 | 20 | PASS |
|  |      |      | NV | -20 | 7000 | 1.335878 | 20 | PASS |
|  |      |      | NV | -10 | 7000 | 1.335878 | 20 | PASS |
|  |      |      | NV | 0   | 7000 | 1.335878 | 20 | PASS |
|  |      |      | NV | 10  | 7000 | 1.335878 | 20 | PASS |
|  |      |      | NV | 20  | 7000 | 1.335878 | 20 | PASS |
|  |      |      | NV | 30  | 7000 | 1.335878 | 20 | PASS |
|  |      |      | NV | 40  | 7000 | 1.335878 | 20 | PASS |
|  |      |      | NV | 50  | 7000 | 1.335878 | 20 | PASS |
|  | Ant1 | 5745 | NV | -30 | 1000 | 0.174064 | 20 | PASS |
|  |      |      | NV | -20 | 1000 | 0.174064 | 20 | PASS |
|  |      |      | NV | -10 | 1000 | 0.174064 | 20 | PASS |
|  |      |      | NV | 0   | 1000 | 0.174064 | 20 | PASS |
|  |      |      | NV | 10  | 1000 | 0.174064 | 20 | PASS |
|  |      |      | NV | 20  | 1000 | 0.174064 | 20 | PASS |
|  |      |      | NV | 30  | 1000 | 0.174064 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant2 | 5745 | NV | -30 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -20 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -10 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 0   | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 10  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 20  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 30  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant1 | 5785 | NV | -30 | 1000 | 0.172861 | 20 | PASS |
|  |      |      | NV | -20 | 1000 | 0.172861 | 20 | PASS |
|  |      |      | NV | -10 | 1000 | 0.172861 | 20 | PASS |
|  |      |      | NV | 0   | 1000 | 0.172861 | 20 | PASS |
|  |      |      | NV | 10  | 2000 | 0.345722 | 20 | PASS |
|  |      |      | NV | 20  | 2000 | 0.345722 | 20 | PASS |
|  |      |      | NV | 30  | 2000 | 0.345722 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.345722 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.345722 | 20 | PASS |

|               |      |      |    |     |       |           |    |      |
|---------------|------|------|----|-----|-------|-----------|----|------|
|               | Ant2 | 5785 | NV | -30 | 29000 | 5.012965  | 20 | PASS |
|               |      |      | NV | -20 | 32000 | 5.531547  | 20 | PASS |
|               |      |      | NV | -10 | 33000 | 5.704408  | 20 | PASS |
|               |      |      | NV | 0   | 35000 | 6.05013   | 20 | PASS |
|               |      |      | NV | 10  | 37000 | 6.395851  | 20 | PASS |
|               |      |      | NV | 20  | 38000 | 6.568712  | 20 | PASS |
|               |      |      | NV | 30  | 39000 | 6.741573  | 20 | PASS |
|               |      |      | NV | 40  | 40000 | 6.914434  | 20 | PASS |
|               |      |      | NV | 50  | 40000 | 6.914434  | 20 | PASS |
|               | Ant1 | 5825 | NV | -30 | 5000  | 0.858369  | 20 | PASS |
|               |      |      | NV | -20 | 6000  | 1.030043  | 20 | PASS |
|               |      |      | NV | -10 | 6000  | 1.030043  | 20 | PASS |
|               |      |      | NV | 0   | 7000  | 1.201717  | 20 | PASS |
|               |      |      | NV | 10  | 7000  | 1.201717  | 20 | PASS |
|               |      |      | NV | 20  | 6000  | 1.030043  | 20 | PASS |
|               |      |      | NV | 30  | 3000  | 0.515021  | 20 | PASS |
|               |      |      | NV | 40  | 3000  | 0.515021  | 20 | PASS |
|               |      |      | NV | 50  | 4000  | 0.686695  | 20 | PASS |
|               | Ant2 | 5825 | NV | -30 | 29000 | 4.978541  | 20 | PASS |
|               |      |      | NV | -20 | 32000 | 5.493562  | 20 | PASS |
|               |      |      | NV | -10 | 35000 | 6.008584  | 20 | PASS |
|               |      |      | NV | 0   | 37000 | 6.351931  | 20 | PASS |
|               |      |      | NV | 10  | 38000 | 6.523605  | 20 | PASS |
|               |      |      | NV | 20  | 40000 | 6.866953  | 20 | PASS |
|               |      |      | NV | 30  | 41000 | 7.038627  | 20 | PASS |
|               |      |      | NV | 40  | 42000 | 7.2103    | 20 | PASS |
|               |      |      | NV | 50  | 42000 | 7.2103    | 20 | PASS |
| 11N20SI<br>SO | Ant1 | 5180 | NV | -30 | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | -20 | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | -10 | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | 0   | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | 10  | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | 20  | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | 30  | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | 40  | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | 50  | -4000 | -0.772201 | 20 | PASS |
|               | Ant2 | 5180 | NV | -30 | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | -20 | -4000 | -0.772201 | 20 | PASS |
|               |      |      | NV | -10 | -3000 | -0.579151 | 20 | PASS |

|  |      |      |    |     |       |           |    |      |
|--|------|------|----|-----|-------|-----------|----|------|
|  |      |      | NV | 0   | -4000 | -0.772201 | 20 | PASS |
|  |      |      | NV | 10  | -4000 | -0.772201 | 20 | PASS |
|  |      |      | NV | 20  | -3000 | -0.579151 | 20 | PASS |
|  |      |      | NV | 30  | -4000 | -0.772201 | 20 | PASS |
|  |      |      | NV | 40  | -3000 | -0.579151 | 20 | PASS |
|  |      |      | NV | 50  | -3000 | -0.579151 | 20 | PASS |
|  | Ant1 | 5200 | NV | -30 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | -20 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | -10 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 0   | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 10  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 20  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 30  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 40  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 50  | -3000 | -0.576923 | 20 | PASS |
|  | Ant2 | 5200 | NV | -30 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | -20 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | -10 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 0   | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 10  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 20  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 30  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 40  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 50  | -3000 | -0.576923 | 20 | PASS |
|  | Ant1 | 5240 | NV | -30 | 5000  | 0.954198  | 20 | PASS |
|  |      |      | NV | -20 | 5000  | 0.954198  | 20 | PASS |
|  |      |      | NV | -10 | 5000  | 0.954198  | 20 | PASS |
|  |      |      | NV | 0   | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 10  | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 20  | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 30  | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 40  | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 50  | 6000  | 1.145038  | 20 | PASS |
|  | Ant2 | 5240 | NV | -30 | 7000  | 1.335878  | 20 | PASS |
|  |      |      | NV | -20 | 7000  | 1.335878  | 20 | PASS |
|  |      |      | NV | -10 | 7000  | 1.335878  | 20 | PASS |
|  |      |      | NV | 0   | 7000  | 1.335878  | 20 | PASS |
|  |      |      | NV | 10  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 20  | 7000  | 1.335878  | 20 | PASS |

|  |      |      |    |     |      |          |    |      |
|--|------|------|----|-----|------|----------|----|------|
|  |      |      | NV | 30  | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | 40  | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | 50  | 8000 | 1.526718 | 20 | PASS |
|  | Ant1 | 5745 | NV | -30 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -20 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -10 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 0   | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 10  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 20  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 30  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant2 | 5745 | NV | -30 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -20 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -10 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 0   | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 10  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 20  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 30  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant1 | 5785 | NV | -30 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -20 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -10 | 2000 | 0.345722 | 20 | PASS |
|  |      |      | NV | 0   | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 10  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 20  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 30  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 40  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 50  | 3000 | 0.518583 | 20 | PASS |
|  | Ant2 | 5785 | NV | -30 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -20 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -10 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 0   | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 10  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 20  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 30  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 40  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 50  | 3000 | 0.518583 | 20 | PASS |

|               |      |      |    |     |      |          |    |      |
|---------------|------|------|----|-----|------|----------|----|------|
| 11N40SI<br>SO | Ant1 | 5825 | NV | -30 | 6000 | 1.030043 | 20 | PASS |
|               |      |      | NV | -20 | 6000 | 1.030043 | 20 | PASS |
|               |      |      | NV | -10 | 6000 | 1.030043 | 20 | PASS |
|               |      |      | NV | 0   | 6000 | 1.030043 | 20 | PASS |
|               |      |      | NV | 10  | 6000 | 1.030043 | 20 | PASS |
|               |      |      | NV | 20  | 6000 | 1.030043 | 20 | PASS |
|               |      |      | NV | 30  | 6000 | 1.030043 | 20 | PASS |
|               |      |      | NV | 40  | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | 50  | 7000 | 1.201717 | 20 | PASS |
|               | Ant2 | 5825 | NV | -30 | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | -20 | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | -10 | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | 0   | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | 10  | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | 20  | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | 30  | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | 40  | 7000 | 1.201717 | 20 | PASS |
|               |      |      | NV | 50  | 7000 | 1.201717 | 20 | PASS |
|               | Ant1 | 5190 | NV | -30 | 3000 | 0.578035 | 20 | PASS |
|               |      |      | NV | -20 | 3000 | 0.578035 | 20 | PASS |
|               |      |      | NV | -10 | 3000 | 0.578035 | 20 | PASS |
|               |      |      | NV | 0   | 4000 | 0.770713 | 20 | PASS |
|               |      |      | NV | 10  | 4000 | 0.770713 | 20 | PASS |
|               |      |      | NV | 20  | 4000 | 0.770713 | 20 | PASS |
|               |      |      | NV | 30  | 4000 | 0.770713 | 20 | PASS |
|               |      |      | NV | 40  | 4000 | 0.770713 | 20 | PASS |
|               |      |      | NV | 50  | 5000 | 0.963391 | 20 | PASS |
|               | Ant2 | 5190 | NV | -30 | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | -20 | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | -10 | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 0   | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 10  | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 20  | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 30  | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 40  | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 50  | 5000 | 0.963391 | 20 | PASS |
|               | Ant1 | 5230 | NV | -30 | 1000 | 0.191205 | 20 | PASS |
|               |      |      | NV | -20 | 1000 | 0.191205 | 20 | PASS |
|               |      |      | NV | -10 | 1000 | 0.191205 | 20 | PASS |

|  |      |      |    |     |       |          |    |      |
|--|------|------|----|-----|-------|----------|----|------|
|  |      |      | NV | 0   | 1000  | 0.191205 | 20 | PASS |
|  |      |      | NV | 10  | 1000  | 0.191205 | 20 | PASS |
|  |      |      | NV | 20  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 30  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 40  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 50  | 2000  | 0.382409 | 20 | PASS |
|  | Ant2 | 5230 | NV | -30 | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | -20 | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | -10 | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 0   | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 10  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 20  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 30  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 40  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 50  | 2000  | 0.382409 | 20 | PASS |
|  | Ant1 | 5755 | NV | -30 | 16000 | 2.780191 | 20 | PASS |
|  |      |      | NV | -20 | 16000 | 2.780191 | 20 | PASS |
|  |      |      | NV | -10 | 16000 | 2.780191 | 20 | PASS |
|  |      |      | NV | 0   | 17000 | 2.953953 | 20 | PASS |
|  |      |      | NV | 10  | 17000 | 2.953953 | 20 | PASS |
|  |      |      | NV | 20  | 17000 | 2.953953 | 20 | PASS |
|  |      |      | NV | 30  | 17000 | 2.953953 | 20 | PASS |
|  |      |      | NV | 40  | 17000 | 2.953953 | 20 | PASS |
|  |      |      | NV | 50  | 17000 | 2.953953 | 20 | PASS |
|  | Ant2 | 5755 | NV | -30 | 24000 | 4.170287 | 20 | PASS |
|  |      |      | NV | -20 | 24000 | 4.170287 | 20 | PASS |
|  |      |      | NV | -10 | 24000 | 4.170287 | 20 | PASS |
|  |      |      | NV | 0   | 24000 | 4.170287 | 20 | PASS |
|  |      |      | NV | 10  | 24000 | 4.170287 | 20 | PASS |
|  |      |      | NV | 20  | 24000 | 4.170287 | 20 | PASS |
|  |      |      | NV | 30  | 24000 | 4.170287 | 20 | PASS |
|  |      |      | NV | 40  | 24000 | 4.170287 | 20 | PASS |
|  |      |      | NV | 50  | 24000 | 4.170287 | 20 | PASS |
|  | Ant1 | 5795 | NV | -30 | 27000 | 4.659189 | 20 | PASS |
|  |      |      | NV | -20 | 28000 | 4.831752 | 20 | PASS |
|  |      |      | NV | -10 | 29000 | 5.004314 | 20 | PASS |
|  |      |      | NV | 0   | 29000 | 5.004314 | 20 | PASS |
|  |      |      | NV | 10  | 30000 | 5.176877 | 20 | PASS |
|  |      |      | NV | 20  | 30000 | 5.176877 | 20 | PASS |

|                |      |      |    |     |       |           |    |      |
|----------------|------|------|----|-----|-------|-----------|----|------|
|                | Ant2 | 5795 | NV | 30  | 30000 | 5.176877  | 20 | PASS |
|                |      |      | NV | 40  | 31000 | 5.349439  | 20 | PASS |
|                |      |      | NV | 50  | 31000 | 5.349439  | 20 | PASS |
|                |      |      | NV | -30 | 35000 | 6.039689  | 20 | PASS |
|                |      |      | NV | -20 | 35000 | 6.039689  | 20 | PASS |
|                |      |      | NV | -10 | 35000 | 6.039689  | 20 | PASS |
|                |      |      | NV | 0   | 35000 | 6.039689  | 20 | PASS |
|                |      |      | NV | 10  | 35000 | 6.039689  | 20 | PASS |
|                |      |      | NV | 20  | 35000 | 6.039689  | 20 | PASS |
|                |      |      | NV | 30  | 35000 | 6.039689  | 20 | PASS |
|                |      |      | NV | 40  | 35000 | 6.039689  | 20 | PASS |
|                |      |      | NV | 50  | 36000 | 6.212252  | 20 | PASS |
| 11AC20S<br>ISO | Ant1 | 5180 | NV | -30 | -4000 | -0.772201 | 20 | PASS |
|                |      |      | NV | -20 | -4000 | -0.772201 | 20 | PASS |
|                |      |      | NV | -10 | -4000 | -0.772201 | 20 | PASS |
|                |      |      | NV | 0   | -4000 | -0.772201 | 20 | PASS |
|                |      |      | NV | 10  | -4000 | -0.772201 | 20 | PASS |
|                |      |      | NV | 20  | -4000 | -0.772201 | 20 | PASS |
|                |      |      | NV | 30  | -4000 | -0.772201 | 20 | PASS |
|                |      |      | NV | 40  | -4000 | -0.772201 | 20 | PASS |
|                |      |      | NV | 50  | -4000 | -0.772201 | 20 | PASS |
|                | Ant2 | 5180 | NV | -30 | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | -20 | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | -10 | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 0   | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 10  | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 20  | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 30  | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 40  | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 50  | -3000 | -0.579151 | 20 | PASS |
|                | Ant1 | 5200 | NV | -30 | -3000 | -0.576923 | 20 | PASS |
|                |      |      | NV | -20 | -3000 | -0.576923 | 20 | PASS |
|                |      |      | NV | -10 | -3000 | -0.576923 | 20 | PASS |
|                |      |      | NV | 0   | -3000 | -0.576923 | 20 | PASS |
|                |      |      | NV | 10  | -3000 | -0.576923 | 20 | PASS |
|                |      |      | NV | 20  | -3000 | -0.576923 | 20 | PASS |
|                |      |      | NV | 30  | -3000 | -0.576923 | 20 | PASS |
|                |      |      | NV | 40  | -3000 | -0.576923 | 20 | PASS |
|                |      |      | NV | 50  | -3000 | -0.576923 | 20 | PASS |

|  |      |      |    |     |       |           |    |      |
|--|------|------|----|-----|-------|-----------|----|------|
|  | Ant2 | 5200 | NV | -30 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | -20 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | -10 | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 0   | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 10  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 20  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 30  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 40  | -3000 | -0.576923 | 20 | PASS |
|  |      |      | NV | 50  | -3000 | -0.576923 | 20 | PASS |
|  | Ant1 | 5240 | NV | -30 | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | -20 | 7000  | 1.335878  | 20 | PASS |
|  |      |      | NV | -10 | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 0   | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 10  | 7000  | 1.335878  | 20 | PASS |
|  |      |      | NV | 20  | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 30  | 6000  | 1.145038  | 20 | PASS |
|  |      |      | NV | 40  | 7000  | 1.335878  | 20 | PASS |
|  |      |      | NV | 50  | 7000  | 1.335878  | 20 | PASS |
|  | Ant2 | 5240 | NV | -30 | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | -20 | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | -10 | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 0   | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 10  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 20  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 30  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 40  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 50  | 8000  | 1.526718  | 20 | PASS |
|  | Ant1 | 5745 | NV | -30 | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | -20 | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | -10 | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 0   | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 10  | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 20  | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 30  | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 40  | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 50  | 2000  | 0.348129  | 20 | PASS |
|  | Ant2 | 5745 | NV | -30 | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | -20 | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | -10 | 2000  | 0.348129  | 20 | PASS |

|  |      |      |    |     |      |          |    |      |
|--|------|------|----|-----|------|----------|----|------|
|  |      |      | NV | 0   | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 10  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 20  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 30  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant1 | 5785 | NV | -30 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -20 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -10 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 0   | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 10  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 20  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 30  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 40  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 50  | 3000 | 0.518583 | 20 | PASS |
|  | Ant2 | 5785 | NV | -30 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -20 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -10 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 0   | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 10  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 20  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 30  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 40  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 50  | 3000 | 0.518583 | 20 | PASS |
|  | Ant1 | 5825 | NV | -30 | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | -20 | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | -10 | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | 0   | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | 10  | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | 20  | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | 30  | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | 40  | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | 50  | 7000 | 1.201717 | 20 | PASS |
|  | Ant2 | 5825 | NV | -30 | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | -20 | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | -10 | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | 0   | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | 10  | 7000 | 1.201717 | 20 | PASS |
|  |      |      | NV | 20  | 8000 | 1.373391 | 20 | PASS |

|                |      |      |    |     |      |          |    |      |
|----------------|------|------|----|-----|------|----------|----|------|
| 11AC40S<br>ISO | Ant1 | 5190 | NV | 30  | 8000 | 1.373391 | 20 | PASS |
|                |      |      | NV | 40  | 8000 | 1.373391 | 20 | PASS |
|                |      |      | NV | 50  | 8000 | 1.373391 | 20 | PASS |
|                | Ant1 | 5190 | NV | -30 | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | -20 | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | -10 | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 0   | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 10  | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 20  | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 30  | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 40  | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 50  | 5000 | 0.963391 | 20 | PASS |
|                | Ant2 | 5190 | NV | -30 | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | -20 | 6000 | 1.156069 | 20 | PASS |
|                |      |      | NV | -10 | 6000 | 1.156069 | 20 | PASS |
|                |      |      | NV | 0   | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 10  | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 20  | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 30  | 5000 | 0.963391 | 20 | PASS |
|                |      |      | NV | 40  | 5000 | 0.963391 | 20 | PASS |
|                | Ant1 | 5230 | NV | -30 | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | -20 | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | -10 | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 0   | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 10  | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 20  | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 30  | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 40  | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 50  | 2000 | 0.382409 | 20 | PASS |
|                | Ant2 | 5230 | NV | -30 | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | -20 | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | -10 | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 0   | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 10  | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 20  | 3000 | 0.573614 | 20 | PASS |
|                |      |      | NV | 30  | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 40  | 2000 | 0.382409 | 20 | PASS |
|                |      |      | NV | 50  | 2000 | 0.382409 | 20 | PASS |

|                |      |      |    |     |       |          |    |      |
|----------------|------|------|----|-----|-------|----------|----|------|
|                | Ant1 | 5755 | NV | -30 | 18000 | 3.127715 | 20 | PASS |
|                |      |      | NV | -20 | 18000 | 3.127715 | 20 | PASS |
|                |      |      | NV | -10 | 19000 | 3.301477 | 20 | PASS |
|                |      |      | NV | 0   | 19000 | 3.301477 | 20 | PASS |
|                |      |      | NV | 10  | 19000 | 3.301477 | 20 | PASS |
|                |      |      | NV | 20  | 19000 | 3.301477 | 20 | PASS |
|                |      |      | NV | 30  | 19000 | 3.301477 | 20 | PASS |
|                |      |      | NV | 40  | 19000 | 3.301477 | 20 | PASS |
|                | Ant2 | 5755 | NV | 50  | 19000 | 3.301477 | 20 | PASS |
|                |      |      | NV | -30 | 25000 | 4.344049 | 20 | PASS |
|                |      |      | NV | -20 | 25000 | 4.344049 | 20 | PASS |
|                |      |      | NV | -10 | 25000 | 4.344049 | 20 | PASS |
|                |      |      | NV | 0   | 25000 | 4.344049 | 20 | PASS |
|                |      |      | NV | 10  | 25000 | 4.344049 | 20 | PASS |
|                |      |      | NV | 20  | 25000 | 4.344049 | 20 | PASS |
|                |      |      | NV | 30  | 25000 | 4.344049 | 20 | PASS |
|                | Ant1 | 5795 | NV | 40  | 25000 | 4.344049 | 20 | PASS |
|                |      |      | NV | 50  | 25000 | 4.344049 | 20 | PASS |
|                |      |      | NV | -30 | 32000 | 5.522002 | 20 | PASS |
|                |      |      | NV | -20 | 32000 | 5.522002 | 20 | PASS |
|                |      |      | NV | -10 | 33000 | 5.694564 | 20 | PASS |
|                |      |      | NV | 0   | 33000 | 5.694564 | 20 | PASS |
|                |      |      | NV | 10  | 33000 | 5.694564 | 20 | PASS |
|                |      |      | NV | 20  | 33000 | 5.694564 | 20 | PASS |
|                | Ant2 | 5795 | NV | 30  | 33000 | 5.694564 | 20 | PASS |
|                |      |      | NV | 40  | 33000 | 5.694564 | 20 | PASS |
|                |      |      | NV | 50  | 33000 | 5.694564 | 20 | PASS |
|                |      |      | NV | -30 | 36000 | 6.212252 | 20 | PASS |
|                |      |      | NV | -20 | 36000 | 6.212252 | 20 | PASS |
|                |      |      | NV | -10 | 36000 | 6.212252 | 20 | PASS |
|                |      |      | NV | 0   | 36000 | 6.212252 | 20 | PASS |
|                |      |      | NV | 10  | 36000 | 6.212252 | 20 | PASS |
| 11AC80S<br>ISO | Ant1 | 5210 | NV | 20  | 36000 | 6.212252 | 20 | PASS |
|                |      |      | NV | 30  | 36000 | 6.212252 | 20 | PASS |
|                |      |      | NV | 40  | 36000 | 6.212252 | 20 | PASS |
|                | Ant1 | 5210 | NV | 50  | 36000 | 6.212252 | 20 | PASS |
|                |      |      | NV | -30 | 9000  | 1.727447 | 20 | PASS |
|                |      |      | NV | -20 | 11000 | 2.111324 | 20 | PASS |
|                |      |      | NV | -10 | 13000 | 2.495202 | 20 | PASS |

|               |      |      |    |     |       |           |    |      |
|---------------|------|------|----|-----|-------|-----------|----|------|
|               |      |      | NV | 0   | 14000 | 2.68714   | 20 | PASS |
|               |      |      | NV | 10  | 16000 | 3.071017  | 20 | PASS |
|               |      |      | NV | 20  | 17000 | 3.262956  | 20 | PASS |
|               |      |      | NV | 30  | 18000 | 3.454894  | 20 | PASS |
|               |      |      | NV | 40  | 17000 | 3.262956  | 20 | PASS |
|               |      |      | NV | 50  | 19000 | 3.646833  | 20 | PASS |
|               | Ant2 | 5210 | NV | -30 | 21000 | 4.03071   | 20 | PASS |
|               |      |      | NV | -20 | 21000 | 4.03071   | 20 | PASS |
|               |      |      | NV | -10 | 22000 | 4.222649  | 20 | PASS |
|               |      |      | NV | 0   | 22000 | 4.222649  | 20 | PASS |
|               |      |      | NV | 10  | 22000 | 4.222649  | 20 | PASS |
|               |      |      | NV | 20  | 22000 | 4.222649  | 20 | PASS |
|               |      |      | NV | 30  | 22000 | 4.222649  | 20 | PASS |
|               |      |      | NV | 40  | 22000 | 4.222649  | 20 | PASS |
|               | Ant1 | 5775 | NV | 50  | 23000 | 4.414587  | 20 | PASS |
|               |      |      | NV | -30 | 21000 | 3.636364  | 20 | PASS |
|               |      |      | NV | -20 | 24000 | 4.155844  | 20 | PASS |
|               |      |      | NV | -10 | 25000 | 4.329004  | 20 | PASS |
|               |      |      | NV | 0   | 27000 | 4.675325  | 20 | PASS |
|               |      |      | NV | 10  | 28000 | 4.848485  | 20 | PASS |
|               |      |      | NV | 20  | 29000 | 5.021645  | 20 | PASS |
|               |      |      | NV | 30  | 31000 | 5.367965  | 20 | PASS |
|               | Ant2 | 5775 | NV | 40  | 32000 | 5.541126  | 20 | PASS |
|               |      |      | NV | 50  | 33000 | 5.714286  | 20 | PASS |
|               |      |      | NV | -30 | 40000 | 6.926407  | 20 | PASS |
|               |      |      | NV | -20 | 40000 | 6.926407  | 20 | PASS |
|               |      |      | NV | -10 | 40000 | 6.926407  | 20 | PASS |
|               |      |      | NV | 0   | 41000 | 7.099567  | 20 | PASS |
|               |      |      | NV | 10  | 41000 | 7.099567  | 20 | PASS |
|               |      |      | NV | 20  | 41000 | 7.099567  | 20 | PASS |
| 11N20MI<br>MO | Ant1 | 5180 | NV | 30  | 41000 | 7.099567  | 20 | PASS |
|               |      |      | NV | 40  | 41000 | 7.099567  | 20 | PASS |
|               |      |      | NV | 50  | 41000 | 7.099567  | 20 | PASS |
|               |      |      | NV | -30 | -3000 | -0.579151 | 20 | PASS |
|               |      |      | NV | -20 | -3000 | -0.579151 | 20 | PASS |
|               |      |      | NV | -10 | -3000 | -0.579151 | 20 | PASS |
|               |      |      | NV | 0   | -3000 | -0.579151 | 20 | PASS |
|               |      |      | NV | 10  | -3000 | -0.579151 | 20 | PASS |
|               |      |      | NV | 20  | -3000 | -0.579151 | 20 | PASS |

|  |      |      |    |     |       |           |    |      |
|--|------|------|----|-----|-------|-----------|----|------|
|  |      |      | NV | 30  | -3000 | -0.579151 | 20 | PASS |
|  |      |      | NV | 40  | -3000 | -0.579151 | 20 | PASS |
|  |      |      | NV | 50  | -3000 | -0.579151 | 20 | PASS |
|  | Ant2 | 5180 | NV | -30 | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | -20 | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | -10 | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 0   | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 10  | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 20  | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 30  | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 40  | -2000 | -0.3861   | 20 | PASS |
|  |      |      | NV | 50  | -2000 | -0.3861   | 20 | PASS |
|  | Ant1 | 5200 | NV | -30 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | -20 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | -10 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 0   | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 10  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 20  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 30  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 40  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 50  | -2000 | -0.384615 | 20 | PASS |
|  | Ant2 | 5200 | NV | -30 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | -20 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | -10 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 0   | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 10  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 20  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 30  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 40  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 50  | -2000 | -0.384615 | 20 | PASS |
|  | Ant1 | 5240 | NV | -30 | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | -20 | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | -10 | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 0   | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 10  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 20  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 30  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 40  | 8000  | 1.526718  | 20 | PASS |
|  |      |      | NV | 50  | 8000  | 1.526718  | 20 | PASS |

|  |      |      |    |     |      |          |    |      |
|--|------|------|----|-----|------|----------|----|------|
|  | Ant2 | 5240 | NV | -30 | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | -20 | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | -10 | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | 0   | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | 10  | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | 20  | 9000 | 1.717557 | 20 | PASS |
|  |      |      | NV | 30  | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | 40  | 8000 | 1.526718 | 20 | PASS |
|  |      |      | NV | 50  | 9000 | 1.717557 | 20 | PASS |
|  | Ant1 | 5745 | NV | -30 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -20 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -10 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 0   | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 10  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 20  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 30  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant2 | 5745 | NV | -30 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -20 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -10 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 0   | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 10  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 20  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 30  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant1 | 5785 | NV | -30 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -20 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -10 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 0   | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 10  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 20  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 30  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 40  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 50  | 3000 | 0.518583 | 20 | PASS |
|  | Ant2 | 5785 | NV | -30 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -20 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -10 | 3000 | 0.518583 | 20 | PASS |

|               |      |      |    |     |      |          |    |      |
|---------------|------|------|----|-----|------|----------|----|------|
|               |      |      | NV | 0   | 3000 | 0.518583 | 20 | PASS |
|               |      |      | NV | 10  | 3000 | 0.518583 | 20 | PASS |
|               |      |      | NV | 20  | 3000 | 0.518583 | 20 | PASS |
|               |      |      | NV | 30  | 4000 | 0.691443 | 20 | PASS |
|               |      |      | NV | 40  | 4000 | 0.691443 | 20 | PASS |
|               |      |      | NV | 50  | 3000 | 0.518583 | 20 | PASS |
|               | Ant1 | 5825 | NV | -30 | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | -20 | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | -10 | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 0   | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 10  | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 20  | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 30  | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 40  | 8000 | 1.373391 | 20 | PASS |
|               | Ant2 | 5825 | NV | -30 | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | -20 | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | -10 | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 0   | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 10  | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 20  | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 30  | 8000 | 1.373391 | 20 | PASS |
|               |      |      | NV | 40  | 8000 | 1.373391 | 20 | PASS |
| 11N40MI<br>MO | Ant1 | 5190 | NV | -30 | 6000 | 1.156069 | 20 | PASS |
|               |      |      | NV | -20 | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | -10 | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 0   | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 10  | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 20  | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 30  | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 40  | 5000 | 0.963391 | 20 | PASS |
|               | Ant2 | 5190 | NV | -30 | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | -20 | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | -10 | 6000 | 1.156069 | 20 | PASS |
|               |      |      | NV | 0   | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 10  | 5000 | 0.963391 | 20 | PASS |
|               |      |      | NV | 20  | 5000 | 0.963391 | 20 | PASS |

|  |      |      |    |     |       |          |    |      |
|--|------|------|----|-----|-------|----------|----|------|
|  |      |      | NV | 30  | 5000  | 0.963391 | 20 | PASS |
|  |      |      | NV | 40  | 5000  | 0.963391 | 20 | PASS |
|  |      |      | NV | 50  | 6000  | 1.156069 | 20 | PASS |
|  | Ant1 | 5230 | NV | -30 | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | -20 | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | -10 | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 0   | 3000  | 0.573614 | 20 | PASS |
|  |      |      | NV | 10  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 20  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 30  | 3000  | 0.573614 | 20 | PASS |
|  |      |      | NV | 40  | 3000  | 0.573614 | 20 | PASS |
|  |      |      | NV | 50  | 2000  | 0.382409 | 20 | PASS |
|  | Ant2 | 5230 | NV | -30 | 3000  | 0.573614 | 20 | PASS |
|  |      |      | NV | -20 | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | -10 | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 0   | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 10  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 20  | 3000  | 0.573614 | 20 | PASS |
|  |      |      | NV | 30  | 2000  | 0.382409 | 20 | PASS |
|  |      |      | NV | 40  | 2000  | 0.382409 | 20 | PASS |
|  | Ant1 | 5755 | NV | -30 | 26000 | 4.517811 | 20 | PASS |
|  |      |      | NV | -20 | 26000 | 4.517811 | 20 | PASS |
|  |      |      | NV | -10 | 26000 | 4.517811 | 20 | PASS |
|  |      |      | NV | 0   | 26000 | 4.517811 | 20 | PASS |
|  |      |      | NV | 10  | 26000 | 4.517811 | 20 | PASS |
|  |      |      | NV | 20  | 26000 | 4.517811 | 20 | PASS |
|  |      |      | NV | 30  | 26000 | 4.517811 | 20 | PASS |
|  |      |      | NV | 40  | 26000 | 4.517811 | 20 | PASS |
|  |      |      | NV | 50  | 26000 | 4.517811 | 20 | PASS |
|  | Ant2 | 5755 | NV | -30 | 28000 | 4.865334 | 20 | PASS |
|  |      |      | NV | -20 | 28000 | 4.865334 | 20 | PASS |
|  |      |      | NV | -10 | 28000 | 4.865334 | 20 | PASS |
|  |      |      | NV | 0   | 28000 | 4.865334 | 20 | PASS |
|  |      |      | NV | 10  | 29000 | 5.039096 | 20 | PASS |
|  |      |      | NV | 20  | 29000 | 5.039096 | 20 | PASS |
|  |      |      | NV | 30  | 29000 | 5.039096 | 20 | PASS |
|  |      |      | NV | 40  | 29000 | 5.039096 | 20 | PASS |
|  |      |      | NV | 50  | 29000 | 5.039096 | 20 | PASS |

|                |      |      |    |     |       |           |    |      |
|----------------|------|------|----|-----|-------|-----------|----|------|
| 11AC20M<br>IMO | Ant1 | 5795 | NV | -30 | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | -20 | 36000 | 6.212252  | 20 | PASS |
|                |      |      | NV | -10 | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 0   | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 10  | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 20  | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 30  | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 40  | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 50  | 37000 | 6.384814  | 20 | PASS |
|                | Ant2 | 5795 | NV | -30 | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | -20 | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | -10 | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 0   | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 10  | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 20  | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 30  | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 40  | 37000 | 6.384814  | 20 | PASS |
|                |      |      | NV | 50  | 37000 | 6.384814  | 20 | PASS |
|                | Ant1 | 5180 | NV | -30 | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | -20 | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | -10 | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 0   | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 10  | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 20  | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 30  | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | 40  | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | 50  | -3000 | -0.579151 | 20 | PASS |
|                | Ant2 | 5180 | NV | -30 | -3000 | -0.579151 | 20 | PASS |
|                |      |      | NV | -20 | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | -10 | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | 0   | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | 10  | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | 20  | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | 30  | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | 40  | -2000 | -0.3861   | 20 | PASS |
|                |      |      | NV | 50  | -2000 | -0.3861   | 20 | PASS |
|                | Ant1 | 5200 | NV | -30 | -2000 | -0.384615 | 20 | PASS |
|                |      |      | NV | -20 | -2000 | -0.384615 | 20 | PASS |
|                |      |      | NV | -10 | -2000 | -0.384615 | 20 | PASS |

|  |      |      |    |     |       |           |    |      |
|--|------|------|----|-----|-------|-----------|----|------|
|  |      |      | NV | 0   | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 10  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 20  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 30  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 40  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 50  | -2000 | -0.384615 | 20 | PASS |
|  | Ant2 | 5200 | NV | -30 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | -20 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | -10 | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 0   | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 10  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 20  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 30  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 40  | -2000 | -0.384615 | 20 | PASS |
|  |      |      | NV | 50  | -2000 | -0.384615 | 20 | PASS |
|  | Ant1 | 5240 | NV | -30 | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | -20 | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | -10 | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 0   | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 10  | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 20  | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 30  | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 40  | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 50  | 9000  | 1.717557  | 20 | PASS |
|  | Ant2 | 5240 | NV | -30 | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | -20 | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | -10 | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 0   | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 10  | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 20  | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 30  | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 40  | 9000  | 1.717557  | 20 | PASS |
|  |      |      | NV | 50  | 9000  | 1.717557  | 20 | PASS |
|  | Ant1 | 5745 | NV | -30 | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | -20 | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | -10 | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 0   | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 10  | 2000  | 0.348129  | 20 | PASS |
|  |      |      | NV | 20  | 2000  | 0.348129  | 20 | PASS |

|  |      |      |    |     |      |          |    |      |
|--|------|------|----|-----|------|----------|----|------|
|  |      |      | NV | 30  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant2 | 5745 | NV | -30 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -20 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | -10 | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 0   | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 10  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 20  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 30  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 40  | 2000 | 0.348129 | 20 | PASS |
|  |      |      | NV | 50  | 2000 | 0.348129 | 20 | PASS |
|  | Ant1 | 5785 | NV | -30 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -20 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -10 | 4000 | 0.691443 | 20 | PASS |
|  |      |      | NV | 0   | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 10  | 4000 | 0.691443 | 20 | PASS |
|  |      |      | NV | 20  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 30  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 40  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 50  | 3000 | 0.518583 | 20 | PASS |
|  | Ant2 | 5785 | NV | -30 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -20 | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | -10 | 4000 | 0.691443 | 20 | PASS |
|  |      |      | NV | 0   | 4000 | 0.691443 | 20 | PASS |
|  |      |      | NV | 10  | 4000 | 0.691443 | 20 | PASS |
|  |      |      | NV | 20  | 4000 | 0.691443 | 20 | PASS |
|  |      |      | NV | 30  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 40  | 3000 | 0.518583 | 20 | PASS |
|  |      |      | NV | 50  | 4000 | 0.691443 | 20 | PASS |
|  | Ant1 | 5825 | NV | -30 | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | -20 | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | -10 | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | 0   | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | 10  | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | 20  | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | 30  | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | 40  | 8000 | 1.373391 | 20 | PASS |
|  |      |      | NV | 50  | 8000 | 1.373391 | 20 | PASS |

|                |      |      |    |     |       |          |    |      |
|----------------|------|------|----|-----|-------|----------|----|------|
| 11AC40M<br>IMO | Ant2 | 5825 | NV | -30 | 8000  | 1.373391 | 20 | PASS |
|                |      |      | NV | -20 | 8000  | 1.373391 | 20 | PASS |
|                |      |      | NV | -10 | 8000  | 1.373391 | 20 | PASS |
|                |      |      | NV | 0   | 8000  | 1.373391 | 20 | PASS |
|                |      |      | NV | 10  | 8000  | 1.373391 | 20 | PASS |
|                |      |      | NV | 20  | 8000  | 1.373391 | 20 | PASS |
|                |      |      | NV | 30  | 8000  | 1.373391 | 20 | PASS |
|                |      |      | NV | 40  | 8000  | 1.373391 | 20 | PASS |
|                |      |      | NV | 50  | 8000  | 1.373391 | 20 | PASS |
|                | Ant1 | 5190 | NV | -30 | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | -20 | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | -10 | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | 0   | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | 10  | 5000  | 0.963391 | 20 | PASS |
|                |      |      | NV | 20  | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | 30  | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | 40  | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | 50  | 6000  | 1.156069 | 20 | PASS |
|                | Ant2 | 5190 | NV | -30 | 5000  | 0.963391 | 20 | PASS |
|                |      |      | NV | -20 | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | -10 | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | 0   | 5000  | 0.963391 | 20 | PASS |
|                |      |      | NV | 10  | 6000  | 1.156069 | 20 | PASS |
|                |      |      | NV | 20  | 5000  | 0.963391 | 20 | PASS |
|                |      |      | NV | 30  | 4000  | 0.770713 | 20 | PASS |
|                |      |      | NV | 40  | 2000  | 0.385356 | 20 | PASS |
|                |      |      | NV | 50  | 2000  | 0.385356 | 20 | PASS |
|                | Ant1 | 5230 | NV | -30 | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | -20 | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | -10 | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | 0   | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | 10  | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | 20  | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | 30  | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | 40  | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | 50  | 3000  | 0.573614 | 20 | PASS |
|                | Ant2 | 5230 | NV | -30 | 3000  | 0.573614 | 20 | PASS |
|                |      |      | NV | -20 | 3000  | 0.573614 | 20 | PASS |
|                | Ant1 | 5755 | NV | -30 | 29000 | 5.039096 | 20 | PASS |

|                |      |      |    |     |       |          |    |      |
|----------------|------|------|----|-----|-------|----------|----|------|
|                |      |      | NV | -20 | 29000 | 5.039096 | 20 | PASS |
|                |      |      | NV | -10 | 29000 | 5.039096 | 20 | PASS |
|                |      |      | NV | 0   | 29000 | 5.039096 | 20 | PASS |
|                |      |      | NV | 10  | 29000 | 5.039096 | 20 | PASS |
|                |      |      | NV | 20  | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | 30  | 29000 | 5.039096 | 20 | PASS |
|                |      |      | NV | 40  | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | 50  | 30000 | 5.212858 | 20 | PASS |
|                | Ant2 | 5755 | NV | -30 | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | -20 | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | -10 | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | 0   | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | 10  | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | 20  | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | 30  | 30000 | 5.212858 | 20 | PASS |
|                |      |      | NV | 40  | 30000 | 5.212858 | 20 | PASS |
|                | Ant1 | 5795 | NV | -30 | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | -20 | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | -10 | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 0   | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 10  | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 20  | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 30  | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 40  | 38000 | 6.557377 | 20 | PASS |
|                | Ant2 | 5795 | NV | 50  | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | -30 | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | -20 | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | -10 | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 0   | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 10  | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 20  | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | 30  | 38000 | 6.557377 | 20 | PASS |
| 11AC80M<br>IMO | Ant1 | 5210 | NV | 40  | 39000 | 6.72994  | 20 | PASS |
|                |      |      | NV | 50  | 38000 | 6.557377 | 20 | PASS |
|                |      |      | NV | -30 | 23000 | 4.414587 | 20 | PASS |
|                |      |      | NV | -20 | 23000 | 4.414587 | 20 | PASS |
|                |      |      | NV | -10 | 23000 | 4.414587 | 20 | PASS |
|                |      |      | NV | 0   | 23000 | 4.414587 | 20 | PASS |

|  |      |      |    |     |       |          |    |      |
|--|------|------|----|-----|-------|----------|----|------|
|  |      |      | NV | 10  | 23000 | 4.414587 | 20 | PASS |
|  |      |      | NV | 20  | 23000 | 4.414587 | 20 | PASS |
|  |      |      | NV | 30  | 23000 | 4.414587 | 20 | PASS |
|  |      |      | NV | 40  | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | 50  | 23000 | 4.414587 | 20 | PASS |
|  | Ant2 | 5210 | NV | -30 | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | -20 | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | -10 | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | 0   | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | 10  | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | 20  | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | 30  | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | 40  | 24000 | 4.606526 | 20 | PASS |
|  |      |      | NV | 50  | 24000 | 4.606526 | 20 | PASS |
|  | Ant1 | 5775 | NV | -30 | 42000 | 7.272727 | 20 | PASS |
|  |      |      | NV | -20 | 42000 | 7.272727 | 20 | PASS |
|  |      |      | NV | -10 | 42000 | 7.272727 | 20 | PASS |
|  |      |      | NV | 0   | 42000 | 7.272727 | 20 | PASS |
|  |      |      | NV | 10  | 42000 | 7.272727 | 20 | PASS |
|  |      |      | NV | 20  | 42000 | 7.272727 | 20 | PASS |
|  |      |      | NV | 30  | 42000 | 7.272727 | 20 | PASS |
|  |      |      | NV | 40  | 42000 | 7.272727 | 20 | PASS |
|  |      |      | NV | 50  | 42000 | 7.272727 | 20 | PASS |
|  | Ant2 | 5775 | NV | -30 | 43000 | 7.445887 | 20 | PASS |
|  |      |      | NV | -20 | 43000 | 7.445887 | 20 | PASS |
|  |      |      | NV | -10 | 43000 | 7.445887 | 20 | PASS |
|  |      |      | NV | 0   | 43000 | 7.445887 | 20 | PASS |
|  |      |      | NV | 10  | 43000 | 7.445887 | 20 | PASS |
|  |      |      | NV | 20  | 43000 | 7.445887 | 20 | PASS |
|  |      |      | NV | 30  | 43000 | 7.445887 | 20 | PASS |
|  |      |      | NV | 40  | 43000 | 7.445887 | 20 | PASS |
|  |      |      | NV | 50  | 43000 | 7.445887 | 20 | PASS |

## AppendixH: DutyCycle

### Test Result

| TestMode      | Antenna | Channel | TransmissionDuration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | Limit | Verdict |
|---------------|---------|---------|------------------------------|-----------------------------|----------------------|-------|---------|
|               | Ant2    | 5180    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant1    | 5200    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant2    | 5200    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant1    | 5240    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant2    | 5240    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant1    | 5745    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant2    | 5745    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant1    | 5785    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant2    | 5785    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant1    | 5825    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
|               | Ant2    | 5825    | 1.39                         | 1.43                        | 97.20                | ---   | PASS    |
| 11N20SIS<br>O | Ant1    | 5180    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant2    | 5180    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant1    | 5200    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant2    | 5200    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant1    | 5240    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant2    | 5240    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant1    | 5745    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant2    | 5745    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant1    | 5785    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant2    | 5785    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant1    | 5825    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
|               | Ant2    | 5825    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |
| 11N40SIS<br>O | Ant1    | 5190    | 0.63                         | 0.67                        | 94.03                | ---   | PASS    |
|               | Ant2    | 5190    | 0.63                         | 0.67                        | 94.03                | ---   | PASS    |
|               | Ant1    | 5230    | 0.63                         | 0.67                        | 94.03                | ---   | PASS    |
|               | Ant2    | 5230    | 0.63                         | 0.67                        | 94.03                | ---   | PASS    |
|               | Ant1    | 5755    | 0.63                         | 0.67                        | 94.03                | ---   | PASS    |
|               | Ant2    | 5755    | 0.63                         | 0.67                        | 94.03                | ---   | PASS    |
|               | Ant1    | 5795    | 0.63                         | 0.67                        | 94.03                | ---   | PASS    |
|               | Ant2    | 5795    | 0.63                         | 0.67                        | 94.03                | ---   | PASS    |
| 11AC20SIS     | Ant1    | 5180    | 1.29                         | 1.32                        | 97.73                | ---   | PASS    |

|                |      |      |      |      |       |     |      |
|----------------|------|------|------|------|-------|-----|------|
| O              | Ant2 | 5180 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5200 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5200 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5240 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5240 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5745 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5745 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5785 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5785 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5825 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5825 | 1.29 | 1.32 | 97.73 | --- | PASS |
| 11AC40SIS<br>O | Ant1 | 5190 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5190 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant1 | 5230 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5230 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant1 | 5755 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5755 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant1 | 5795 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5795 | 0.63 | 0.67 | 94.03 | --- | PASS |
| 11AC80SIS<br>O | Ant1 | 5210 | 1.05 | 1.09 | 96.33 | --- | PASS |
|                | Ant2 | 5210 | 1.05 | 1.09 | 96.33 | --- | PASS |
|                | Ant1 | 5775 | 1.05 | 1.09 | 96.33 | --- | PASS |
|                | Ant2 | 5775 | 1.05 | 1.09 | 96.33 | --- | PASS |
| 11N20MIM<br>O  | Ant1 | 5180 | 1.39 | 1.43 | 97.20 | --- | PASS |
|                | Ant2 | 5180 | 1.39 | 1.43 | 97.20 | --- | PASS |
|                | Ant1 | 5200 | 1.39 | 1.43 | 97.20 | --- | PASS |
|                | Ant2 | 5200 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5240 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5240 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5745 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5745 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5785 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5785 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5825 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5825 | 1.29 | 1.32 | 97.73 | --- | PASS |
| 11N40MIM<br>O  | Ant1 | 5190 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5190 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant1 | 5230 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5230 | 0.63 | 0.67 | 94.03 | --- | PASS |

|                |      |      |      |      |       |     |      |
|----------------|------|------|------|------|-------|-----|------|
|                | Ant1 | 5755 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5755 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant1 | 5795 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5795 | 0.63 | 0.67 | 94.03 | --- | PASS |
| 11AC20MI<br>MO | Ant1 | 5180 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5180 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5200 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5200 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5240 | 1.28 | 1.32 | 96.97 | --- | PASS |
|                | Ant2 | 5240 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5745 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5745 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5785 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5785 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant1 | 5825 | 1.29 | 1.32 | 97.73 | --- | PASS |
|                | Ant2 | 5825 | 1.29 | 1.32 | 97.73 | --- | PASS |
| 11AC40MI<br>MO | Ant1 | 5190 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5190 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant1 | 5230 | 1.39 | 1.43 | 97.20 | --- | PASS |
|                | Ant2 | 5230 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant1 | 5755 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5755 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant1 | 5795 | 0.63 | 0.67 | 94.03 | --- | PASS |
|                | Ant2 | 5795 | 0.63 | 0.67 | 94.03 | --- | PASS |
| 11AC80MI<br>MO | Ant1 | 5210 | 1.05 | 1.09 | 96.33 | --- | PASS |
|                | Ant2 | 5210 | 1.05 | 1.09 | 96.33 | --- | PASS |
|                | Ant1 | 5775 | 1.05 | 1.09 | 96.33 | --- | PASS |
|                | Ant2 | 5775 | 1.05 | 1.09 | 96.33 | --- | PASS |

## Test Graphs

