

Appendix: 6G Wi-Fi

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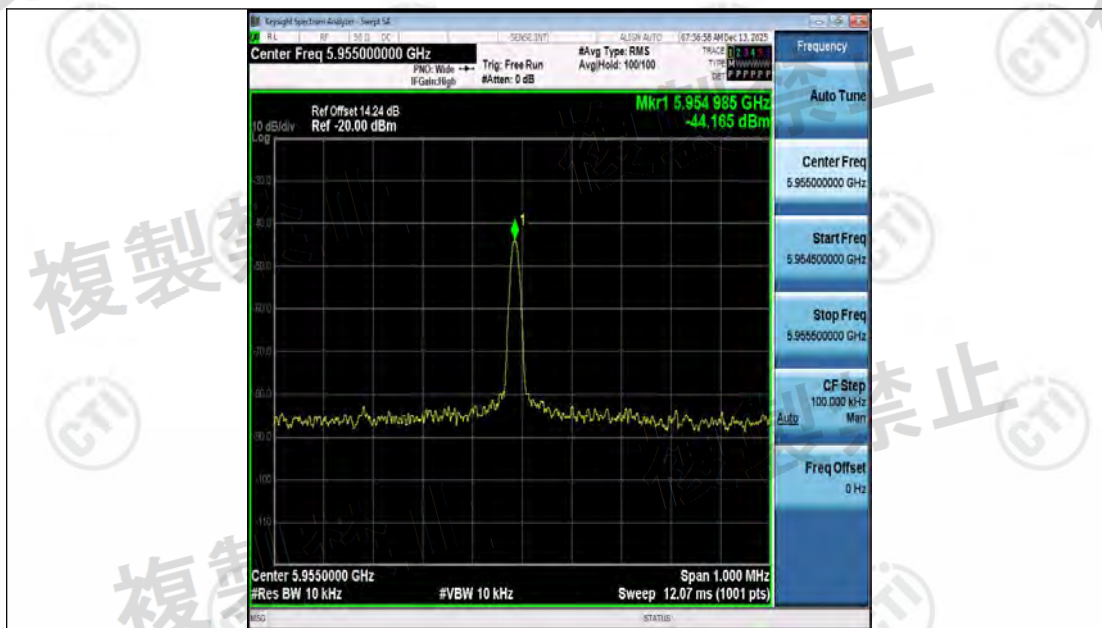
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## Appendix A: Frequency Error

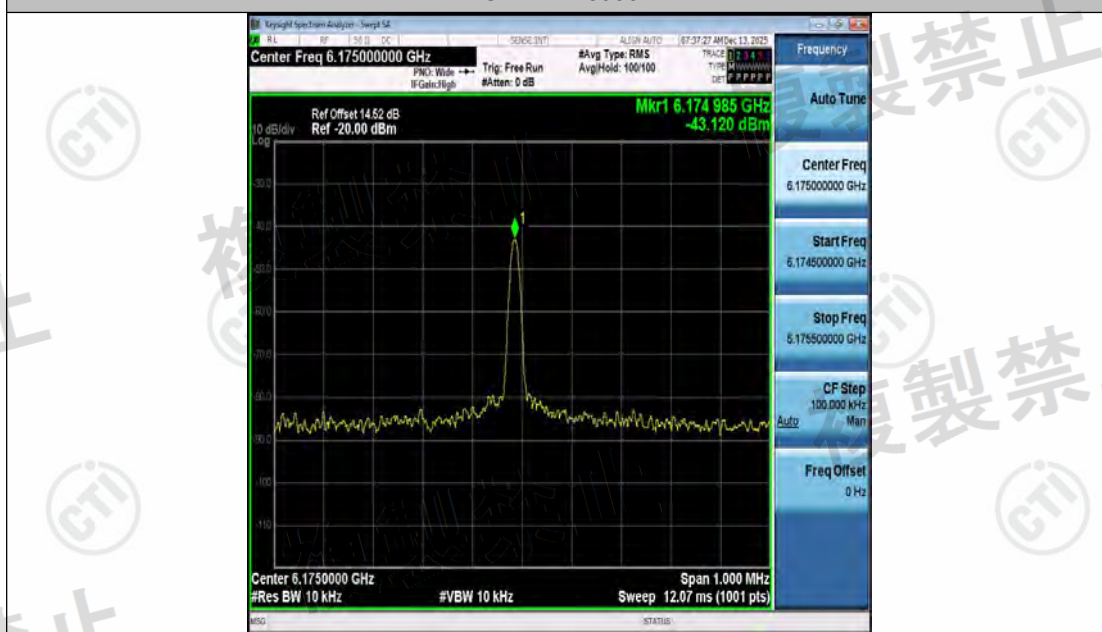
### Test Result

| TestCon<br>dition | TestMode | Antenna | Channel | CenterFreq<br>[MHz] | Result<br>[ppm] | Limit<br>[ppm] | Verdict |
|-------------------|----------|---------|---------|---------------------|-----------------|----------------|---------|
| NTNV              | CW       | Ant2    | 5955    | 5954.985            | -2.51889        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6175    | 6174.985            | -2.42915        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6415    | 6414.985            | -2.33827        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 5965    | 5964.986            | -2.34702        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6165    | 6164.986            | -2.27088        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6405    | 6404.985            | -2.34192        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 5985    | 5984.986            | -2.33918        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6145    | 6144.986            | -2.27828        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6385    | 6384.985            | -2.34926        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6025    | 6024.986            | -2.32365        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6185    | 6184.986            | -2.26354        | ±20            | PASS    |
| NTNV              | CW       | Ant2    | 6345    | 6344.986            | -2.20646        | ±20            | PASS    |

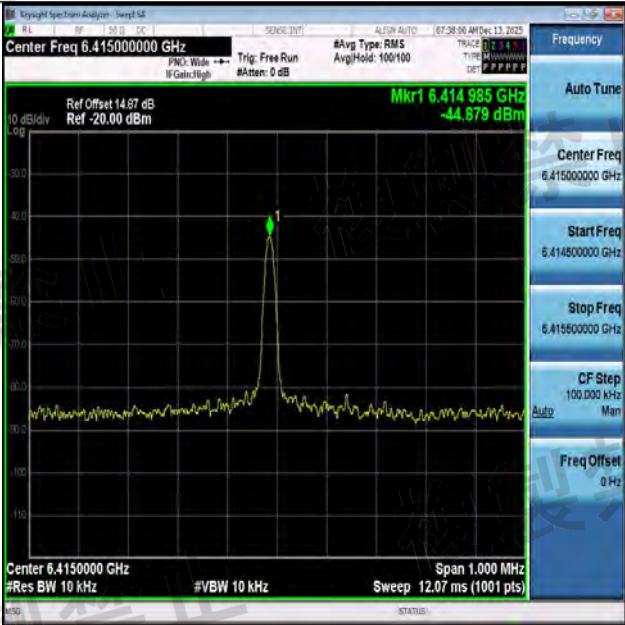
## Test Graphs



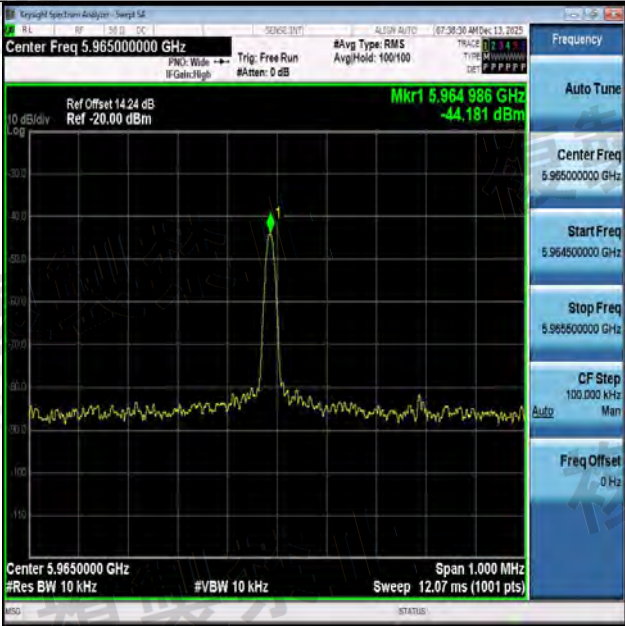
NTNV-CW-Ant2-5955-PASS



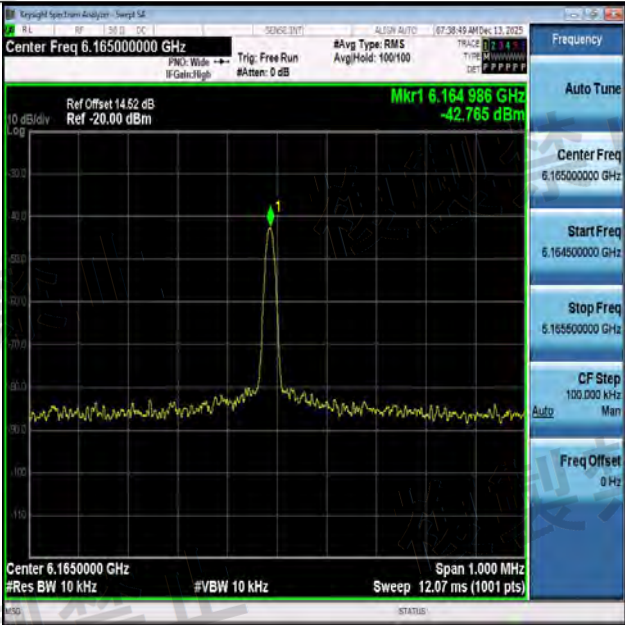
NTNV-CW-Ant2-6175-PASS



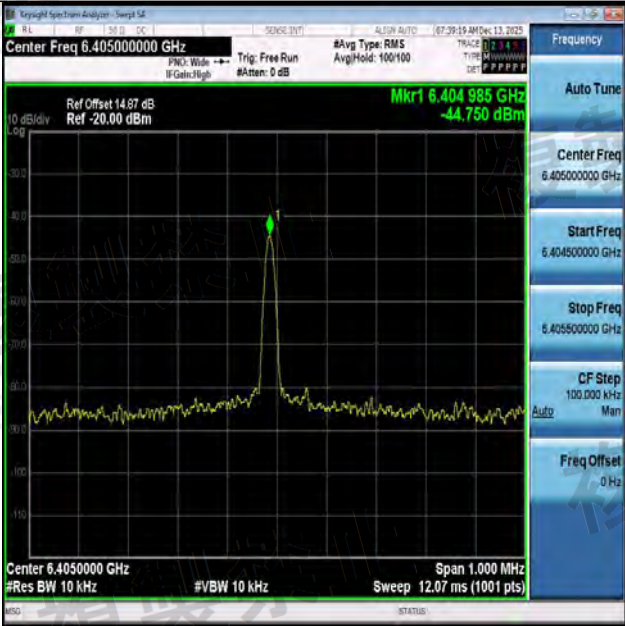
NTNV-CW-Ant2-6415-PASS



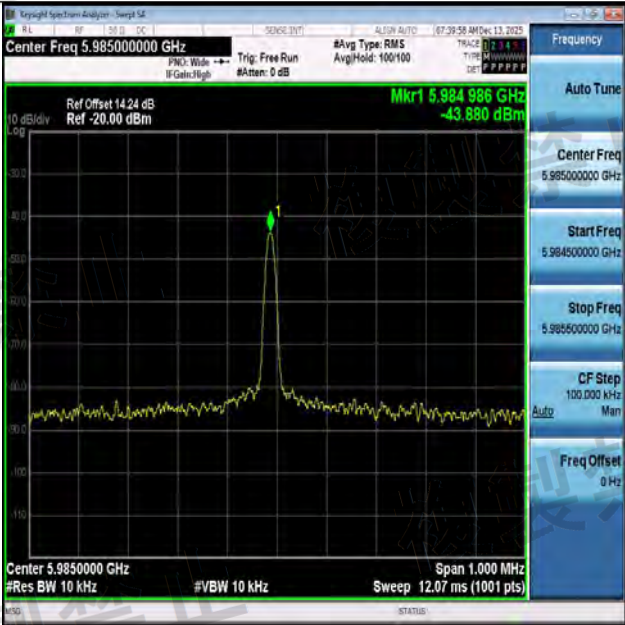
NTNV-CW-Ant2-5965-PASS



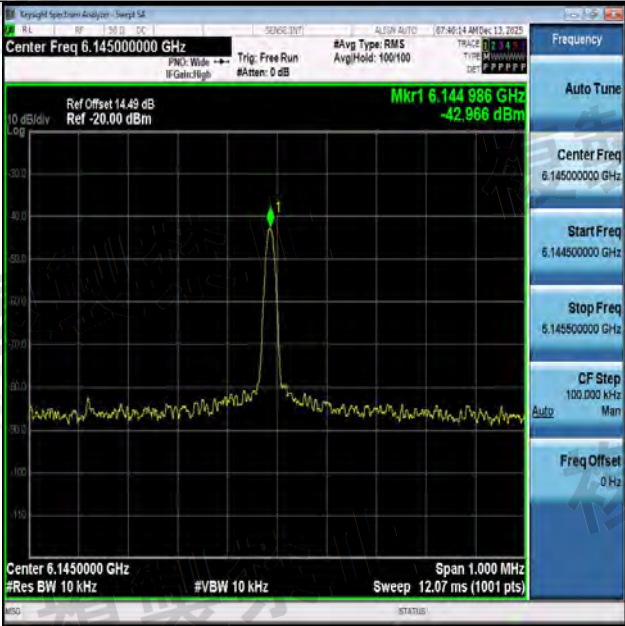
NTNV-CW-Ant2-6165-PASS



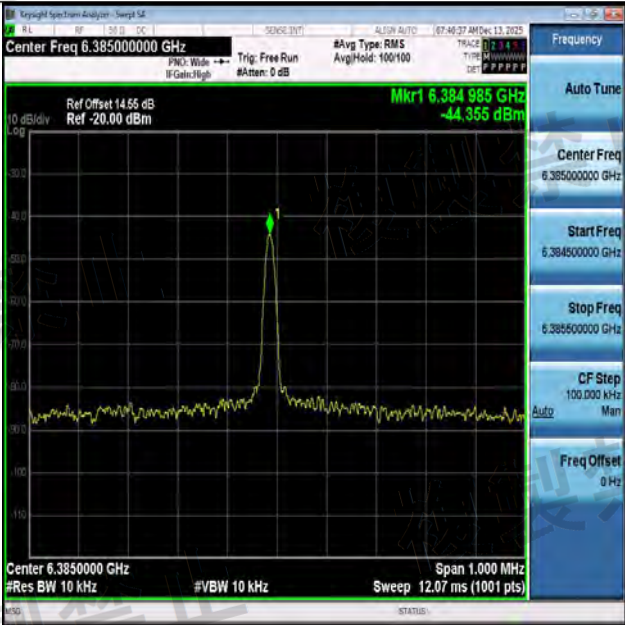
NTNV-CW-Ant2-6405-PASS



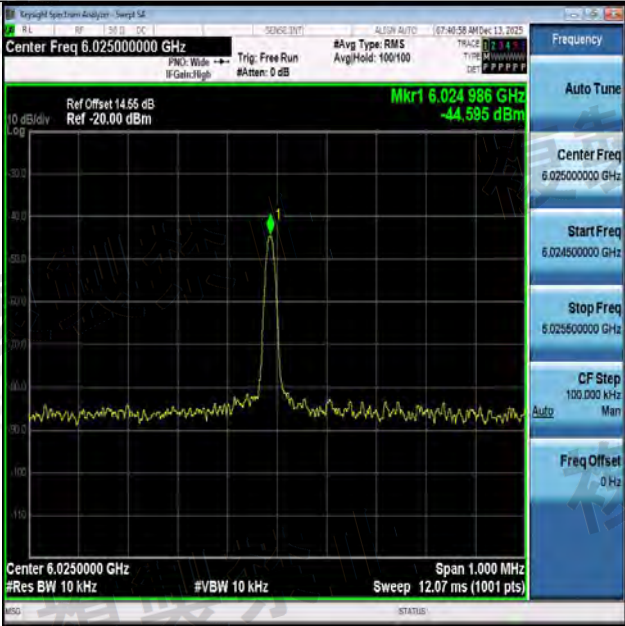
NTNV-CW-Ant2-5985-PASS



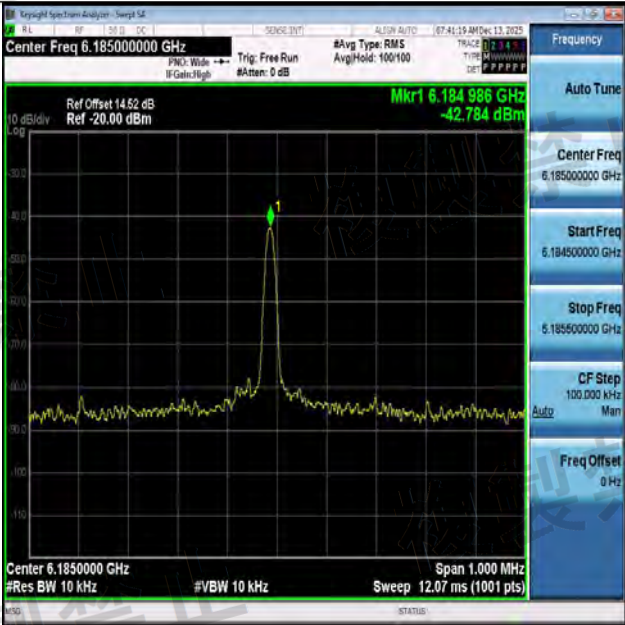
NTNV-CW-Ant2-6145-PASS



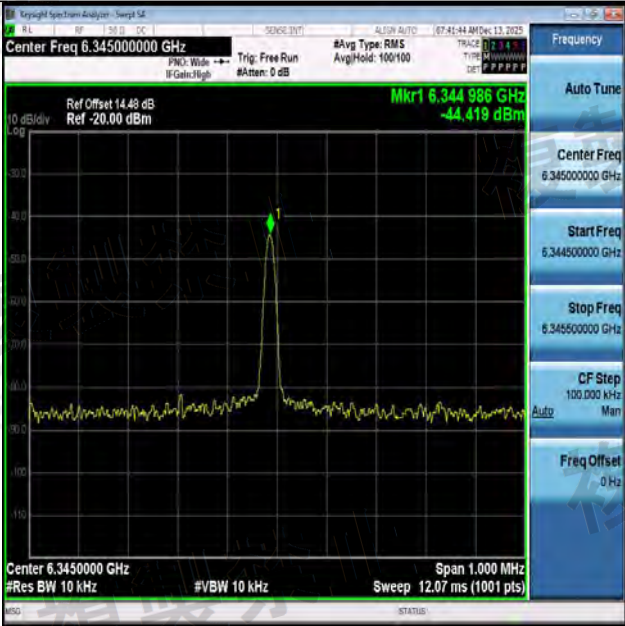
NTNV-CW-Ant2-6385-PASS



NTNV-CW-Ant2-6025-PASS



NTNV-CW-Ant2-6185-PASS



NTNV-CW-Ant2-6345-PASS

## Appendix B: Antenna Power

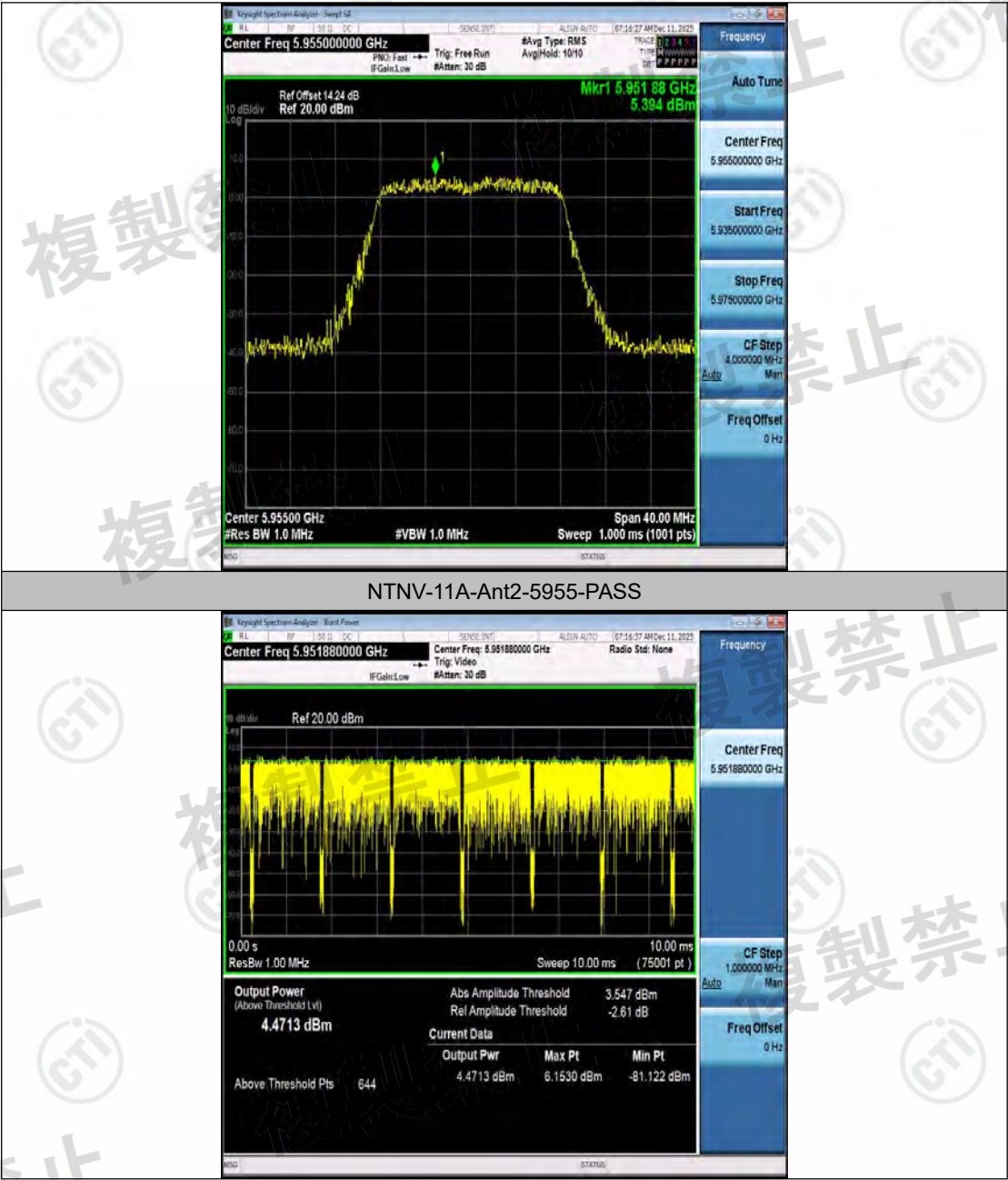
### Test Result PSD

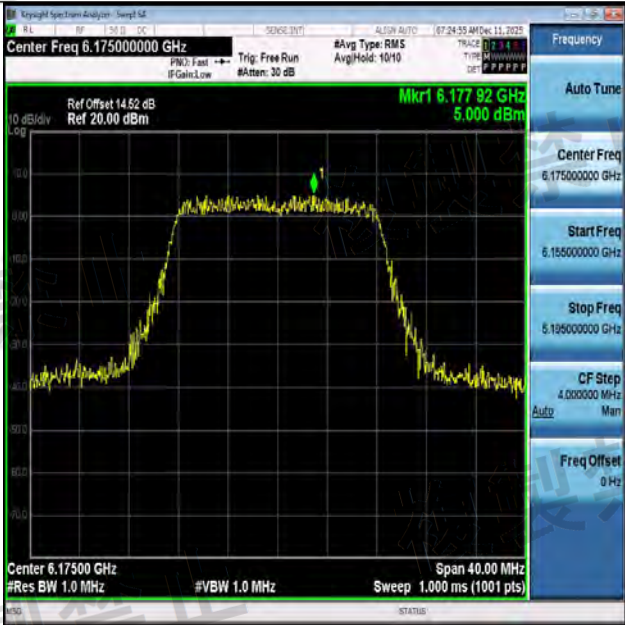
| Antenna Power     |             |             |         |             |            |           |         |
|-------------------|-------------|-------------|---------|-------------|------------|-----------|---------|
| TestCon<br>dition | TestMode    | Anten<br>na | Channel | Result(dBm) | Result(mW) | Limit(mW) | Verdict |
| NTNV              | 11A         | Ant2        | 5955    | 4.47        | 2.7990     | ≤10       | PASS    |
| NTNV              | 11A         | Ant2        | 6175    | 3.87        | 2.4378     | ≤10       | PASS    |
| NTNV              | 11A         | Ant2        | 6195    | 4.65        | 2.9174     | ≤10       | PASS    |
| NTNV              | 11A         | Ant2        | 6415    | 4.32        | 2.7040     | ≤10       | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 5955    | 3.51        | 2.2439     | ≤10       | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6175    | 4.24        | 2.6546     | ≤10       | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6195    | 4.69        | 2.9444     | ≤10       | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6415    | 3.41        | 2.1928     | ≤10       | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 5965    | 1.31        | 1.3521     | ≤5        | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6165    | 1.14        | 1.3002     | ≤5        | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6205    | 0.99        | 1.2560     | ≤5        | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6405    | 0.55        | 1.1350     | ≤5        | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 5985    | -2.48       | 0.5649     | ≤2.5      | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6145    | -3.10       | 0.4898     | ≤2.5      | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6225    | -1.35       | 0.7328     | ≤2.5      | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6385    | -3.66       | 0.4305     | ≤2.5      | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6025    | -4.62       | 0.3451     | ≤1.25     | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6185    | -5.92       | 0.2559     | ≤1.25     | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6345    | -8.70       | 0.1349     | ≤1.25     | PASS    |

| Tolerance      |             |         |         |            |                  |            |            |         |
|----------------|-------------|---------|---------|------------|------------------|------------|------------|---------|
| Test Condition | Test Mode   | Antenna | Channel | Power (mW) | Rated Power (mW) | Result (%) | Limit (%)  | Verdict |
| NTNV           | 11A         | Ant2    | 5955    | 2.7990     | 3                | -6.70      | -80 to +20 | PASS    |
| NTNV           | 11A         | Ant2    | 6175    | 2.4378     | 3                | -18.74     | -80 to +20 | PASS    |
| NTNV           | 11A         | Ant2    | 6195    | 2.9174     | 3                | -2.75      | -80 to +20 | PASS    |
| NTNV           | 11A         | Ant2    | 6415    | 2.7040     | 3                | -9.87      | -80 to +20 | PASS    |
| NTNV           | 11AX20SISO  | Ant2    | 5955    | 2.2439     | 3                | -25.20     | -80 to +20 | PASS    |
| NTNV           | 11AX20SISO  | Ant2    | 6175    | 2.6546     | 3                | -11.51     | -80 to +20 | PASS    |
| NTNV           | 11AX20SISO  | Ant2    | 6195    | 2.9444     | 3                | -1.85      | -80 to +20 | PASS    |
| NTNV           | 11AX20SISO  | Ant2    | 6415    | 2.1928     | 3                | -26.91     | -80 to +20 | PASS    |
| NTNV           | 11AX40SISO  | Ant2    | 5965    | 1.3521     | 1.5              | -9.86      | -80 to +20 | PASS    |
| NTNV           | 11AX40SISO  | Ant2    | 6165    | 1.3002     | 1.5              | -13.32     | -80 to +20 | PASS    |
| NTNV           | 11AX40SISO  | Ant2    | 6205    | 1.2560     | 1.5              | -16.27     | -80 to +20 | PASS    |
| NTNV           | 11AX40SISO  | Ant2    | 6405    | 1.1350     | 1.5              | -24.33     | -80 to +20 | PASS    |
| NTNV           | 11AX80SISO  | Ant2    | 5985    | 0.5649     | 1                | -43.51     | -80 to +20 | PASS    |
| NTNV           | 11AX80SISO  | Ant2    | 6145    | 0.4898     | 1                | -51.02     | -80 to +20 | PASS    |
| NTNV           | 11AX80SISO  | Ant2    | 6225    | 0.7328     | 1                | -26.72     | -80 to +20 | PASS    |
| NTNV           | 11AX80SISO  | Ant2    | 6385    | 0.4305     | 1                | -56.95     | -80 to +20 | PASS    |
| NTNV           | 11AX160SISO | Ant2    | 6025    | 0.3451     | 0.3              | +15.03     | -80 to +20 | PASS    |
| NTNV           | 11AX160SISO | Ant2    | 6185    | 0.2559     | 0.3              | -14.70     | -80 to +20 | PASS    |
| NTNV           | 11AX160SISO | Ant2    | 6345    | 0.1349     | 0.3              | -55.03     | -80 to +20 | PASS    |

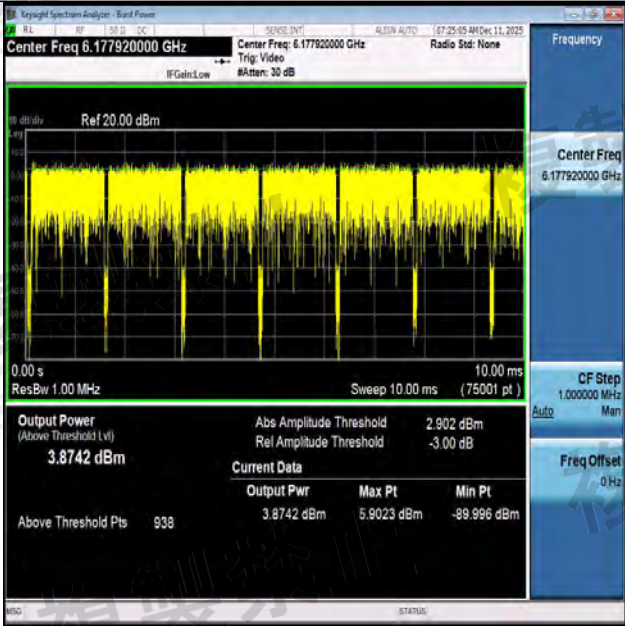
| EIRP              |             |         |         |            |          |           |         |
|-------------------|-------------|---------|---------|------------|----------|-----------|---------|
| TestCon<br>dition | TestMode    | Antenna | Channel | Result(mW) | EIRP(mW) | Limit(mW) | Verdict |
| NTNV              | 11A         | Ant2    | 5955    | 2.7990     | 9.2683   | ≤10       | PASS    |
| NTNV              | 11A         | Ant2    | 6175    | 2.4378     | 8.0724   | ≤10       | PASS    |
| NTNV              | 11A         | Ant2    | 6195    | 2.9174     | 9.6605   | ≤10       | PASS    |
| NTNV              | 11A         | Ant2    | 6415    | 2.7040     | 8.9536   | ≤10       | PASS    |
| NTNV              | 11AX20SISO  | Ant2    | 5955    | 2.2439     | 7.4302   | ≤10       | PASS    |
| NTNV              | 11AX20SISO  | Ant2    | 6175    | 2.6546     | 8.7902   | ≤10       | PASS    |
| NTNV              | 11AX20SISO  | Ant2    | 6195    | 2.9444     | 9.7499   | ≤10       | PASS    |
| NTNV              | 11AX20SISO  | Ant2    | 6415    | 2.1928     | 7.2611   | ≤10       | PASS    |
| NTNV              | 11AX40SISO  | Ant2    | 5965    | 1.3521     | 4.4771   | ≤5        | PASS    |
| NTNV              | 11AX40SISO  | Ant2    | 6165    | 1.3002     | 4.3053   | ≤5        | PASS    |
| NTNV              | 11AX40SISO  | Ant2    | 6205    | 1.2560     | 4.1591   | ≤5        | PASS    |
| NTNV              | 11AX40SISO  | Ant2    | 6405    | 1.1350     | 3.7584   | ≤5        | PASS    |
| NTNV              | 11AX80SISO  | Ant2    | 5985    | 0.5649     | 1.8707   | ≤2.5      | PASS    |
| NTNV              | 11AX80SISO  | Ant2    | 6145    | 0.4898     | 1.6218   | ≤2.5      | PASS    |
| NTNV              | 11AX80SISO  | Ant2    | 6225    | 0.7328     | 2.4266   | ≤2.5      | PASS    |
| NTNV              | 11AX80SISO  | Ant2    | 6385    | 0.4305     | 1.4256   | ≤2.5      | PASS    |
| NTNV              | 11AX160SISO | Ant2    | 6025    | 0.3451     | 1.1429   | ≤1.25     | PASS    |
| NTNV              | 11AX160SISO | Ant2    | 6185    | 0.2559     | 0.8472   | ≤1.25     | PASS    |
| NTNV              | 11AX160SISO | Ant2    | 6345    | 0.1349     | 0.4467   | ≤1.25     | PASS    |

Test Graphs



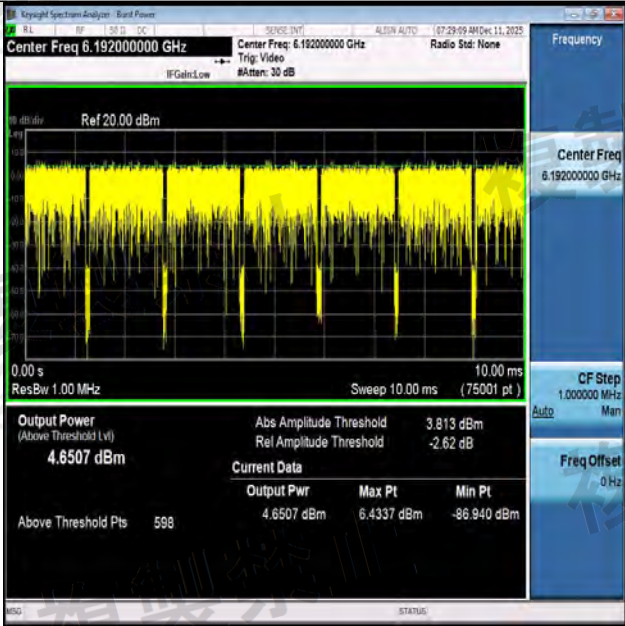


NTNV-11A-Ant2-6175-PASS



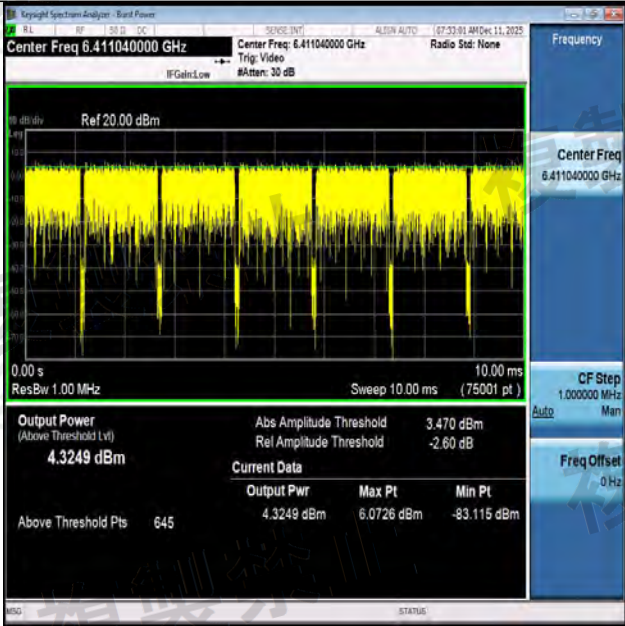


NTNV-11A-Ant2-6195-PASS



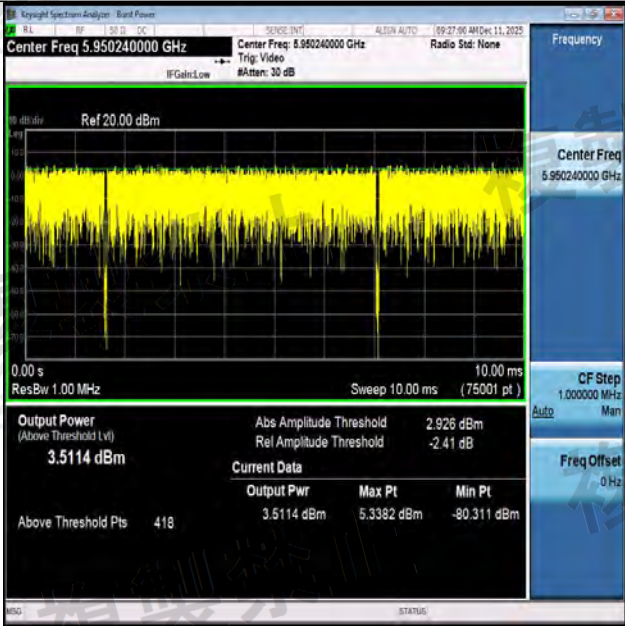


NTNV-11A-Ant2-6415-PASS



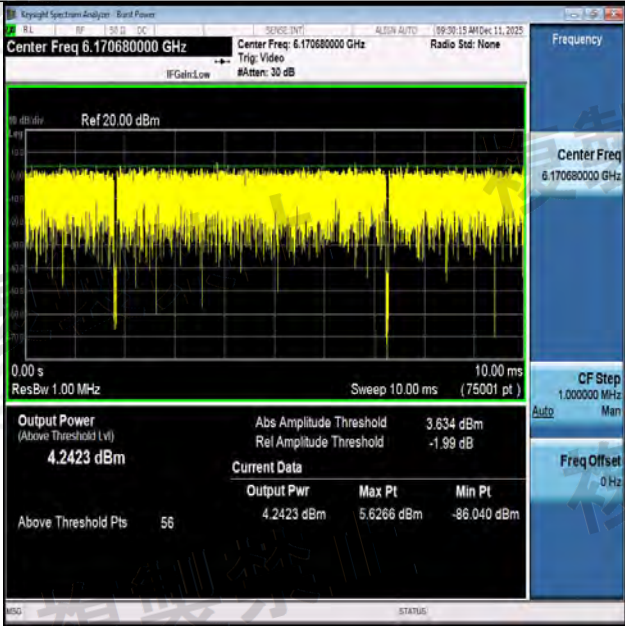


NTNV-11AX20SISO-Ant2-5955-PASS



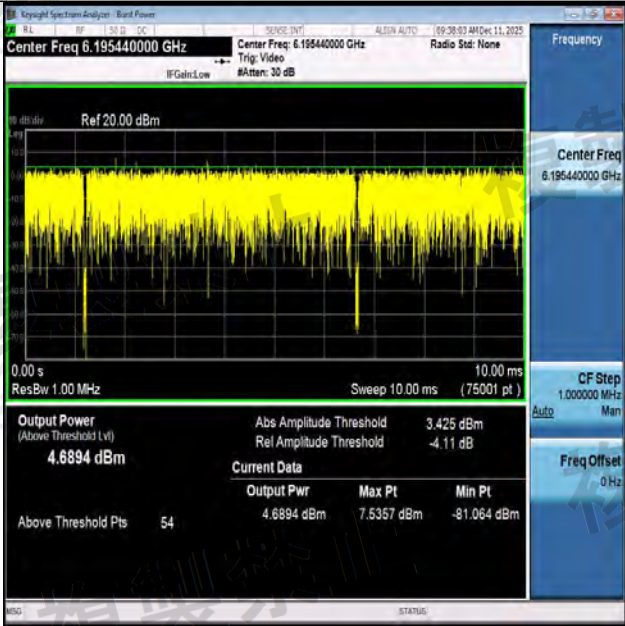


NTNV-11AX20SISO-Ant2-6175-PASS



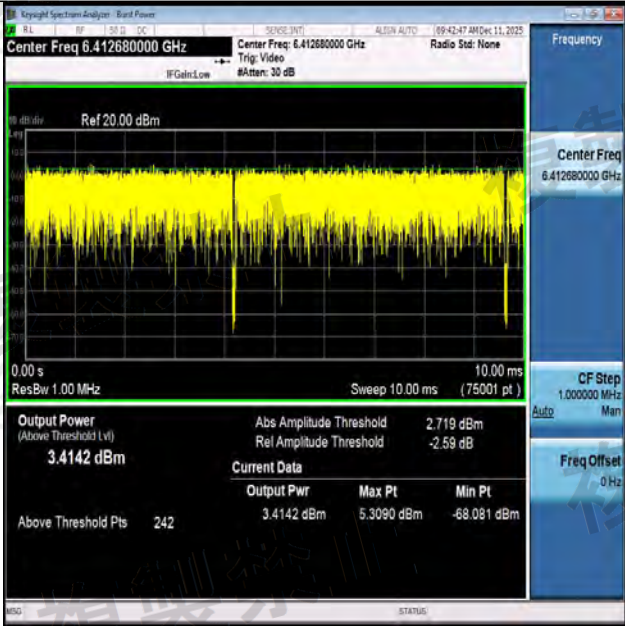


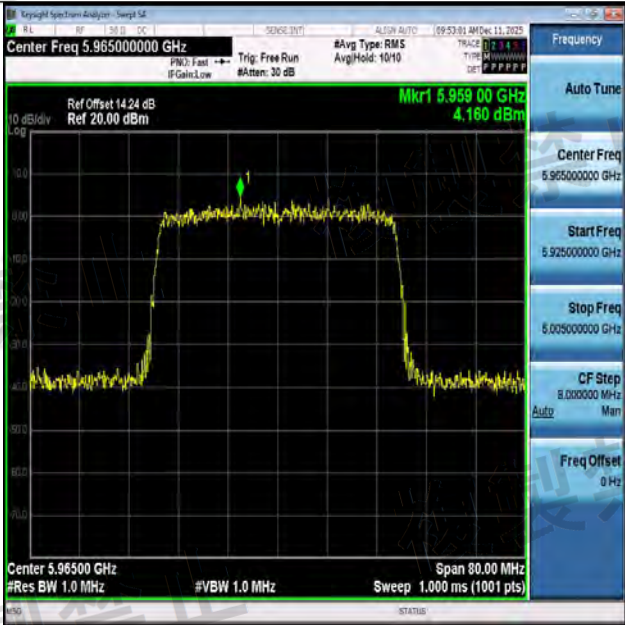
NTNV-11AX20SISO-Ant2-6195-PASS



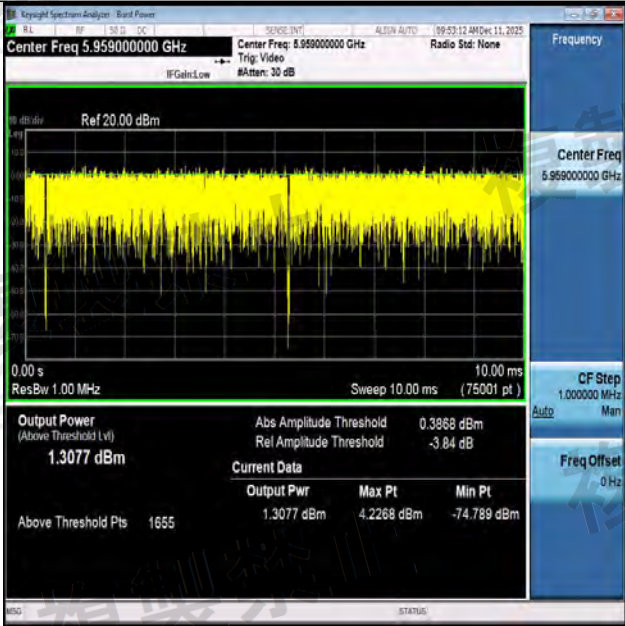


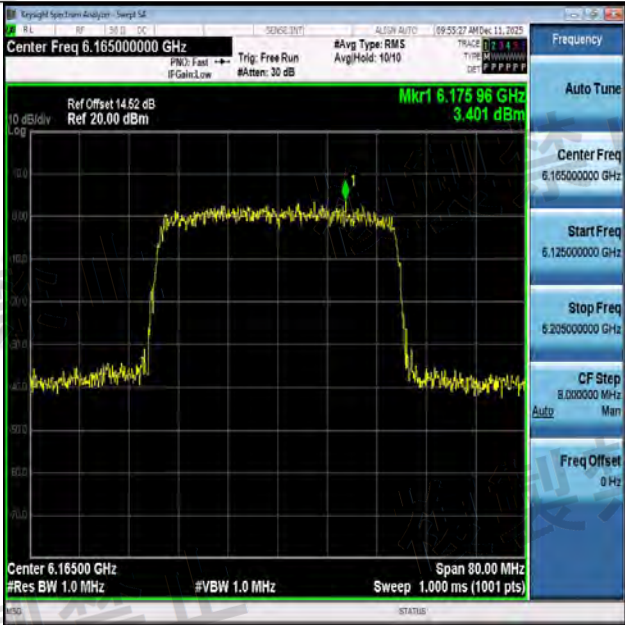
NTNV-11AX20SISO-Ant2-6415-PASS



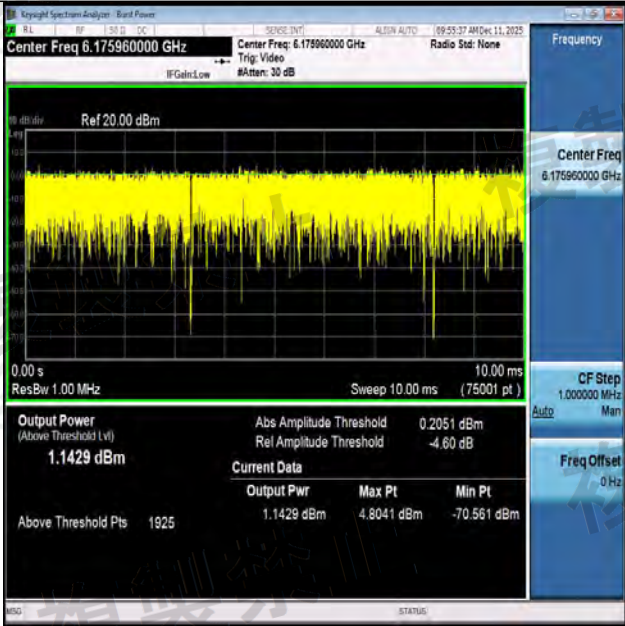


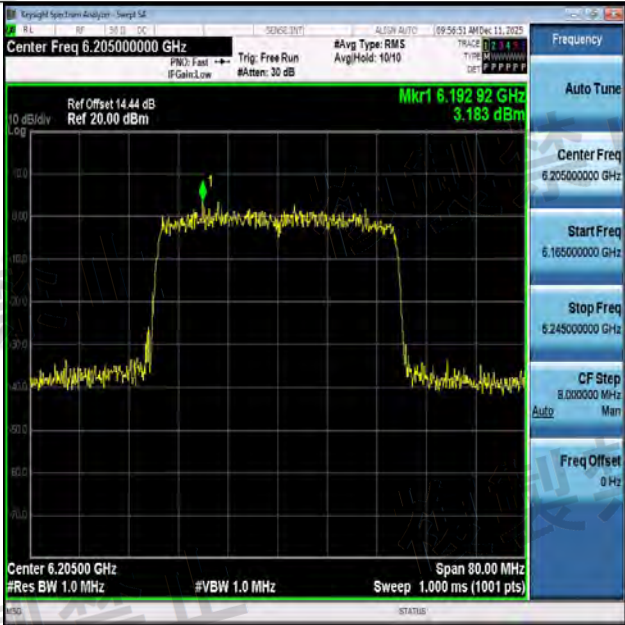
NTNV-11AX40SISO-Ant2-5965-PASS



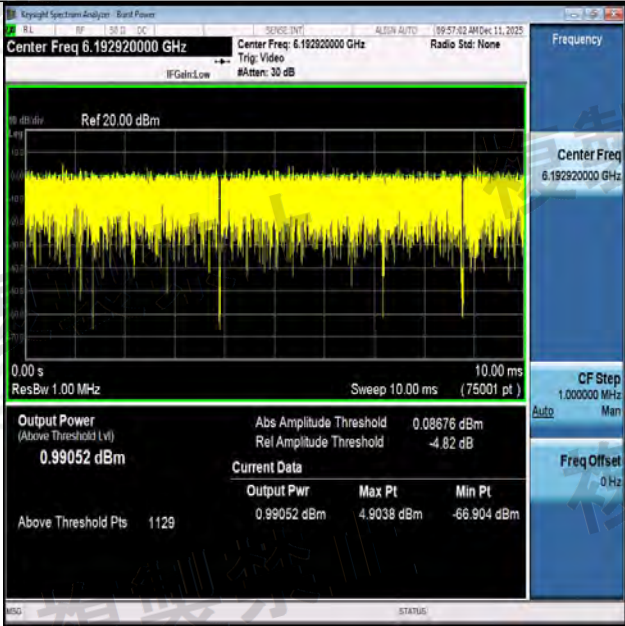


NTNV-11AX40SISO-Ant2-6165-PASS



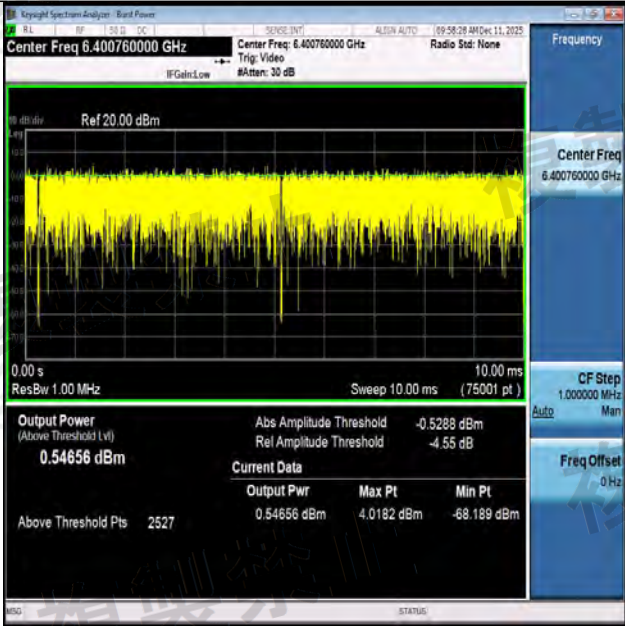


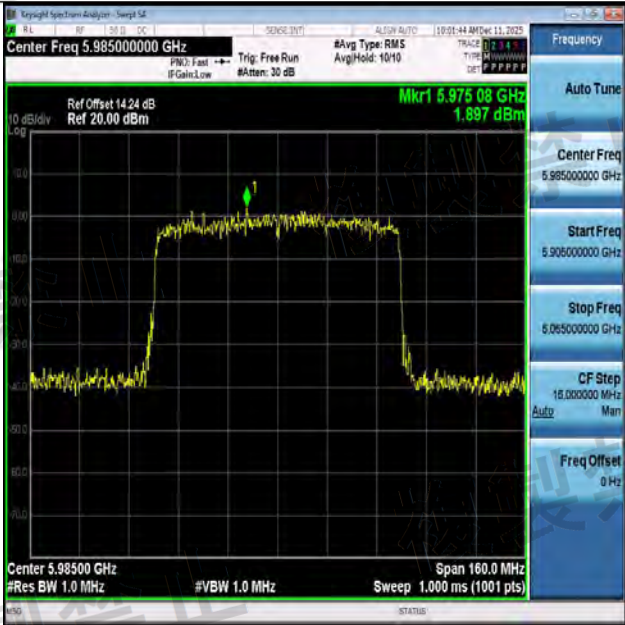
NTNV-11AX40SISO-Ant2-6205-PASS



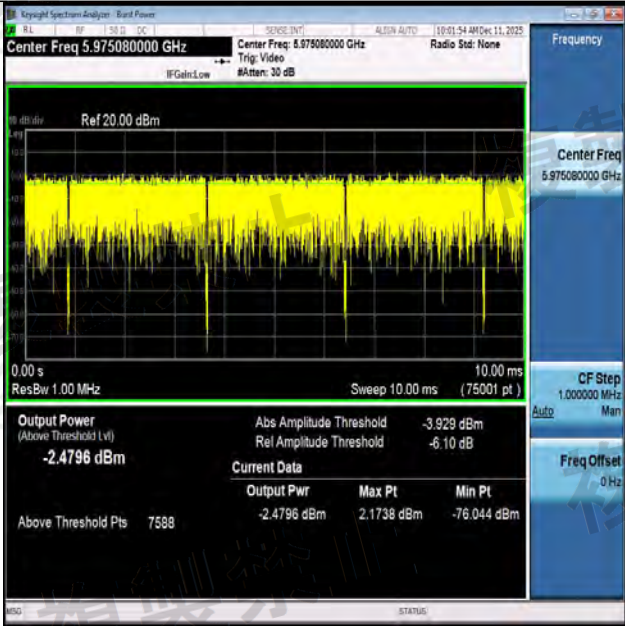


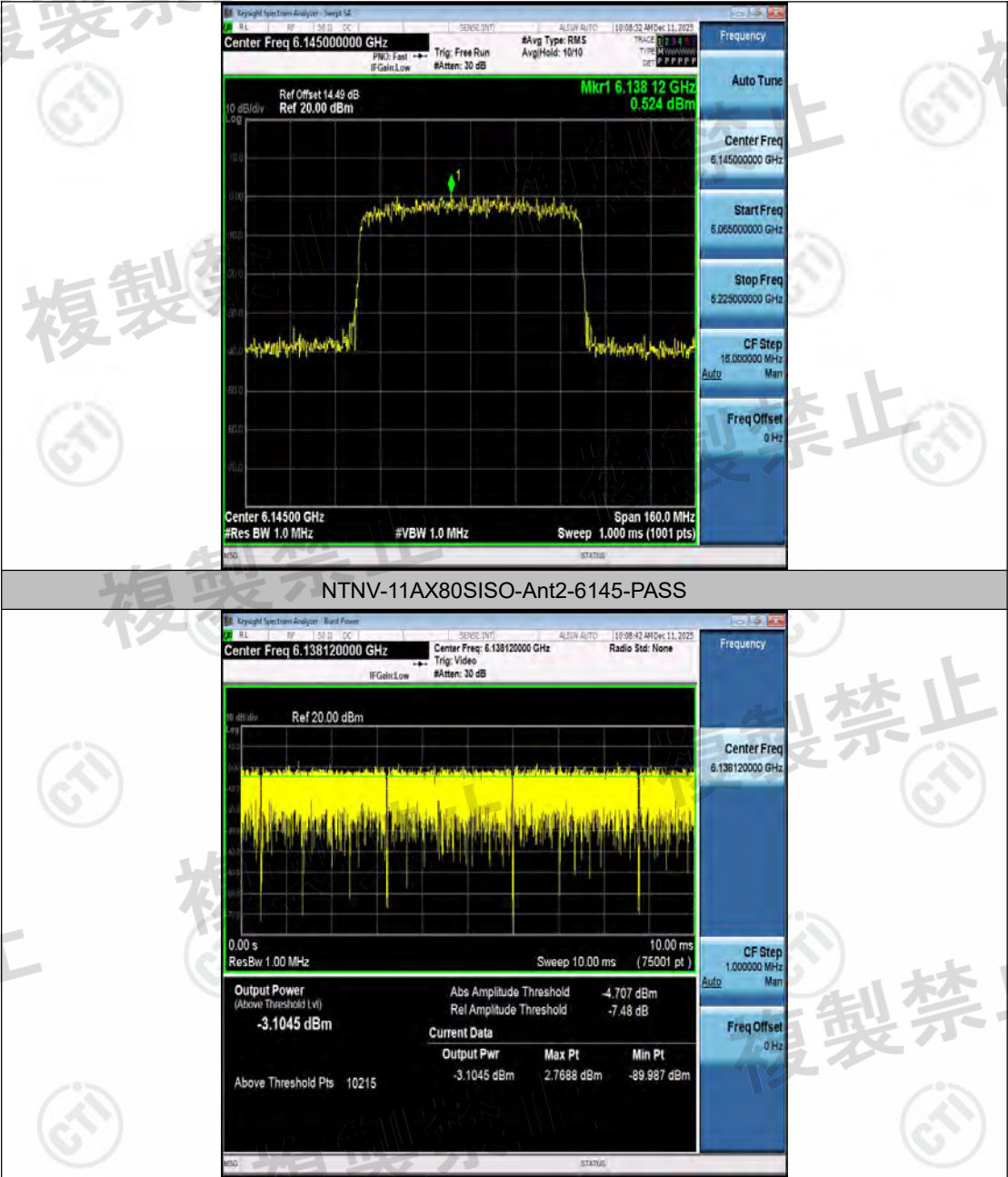
NTNV-11AX40SISO-Ant2-6405-PASS

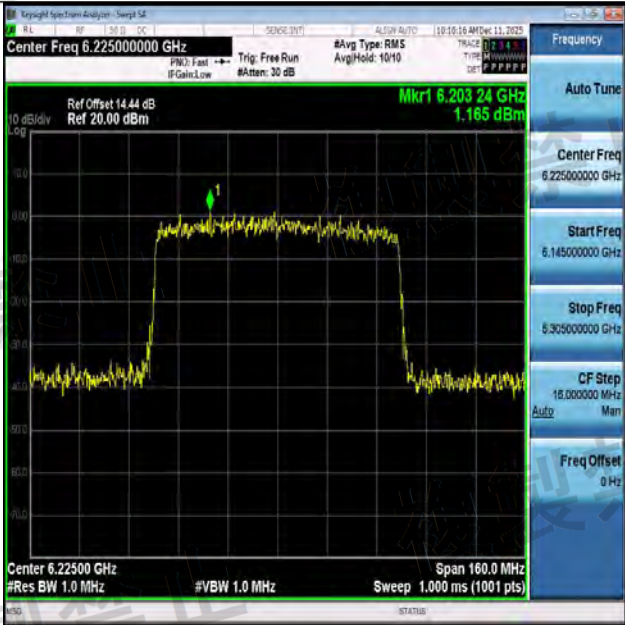




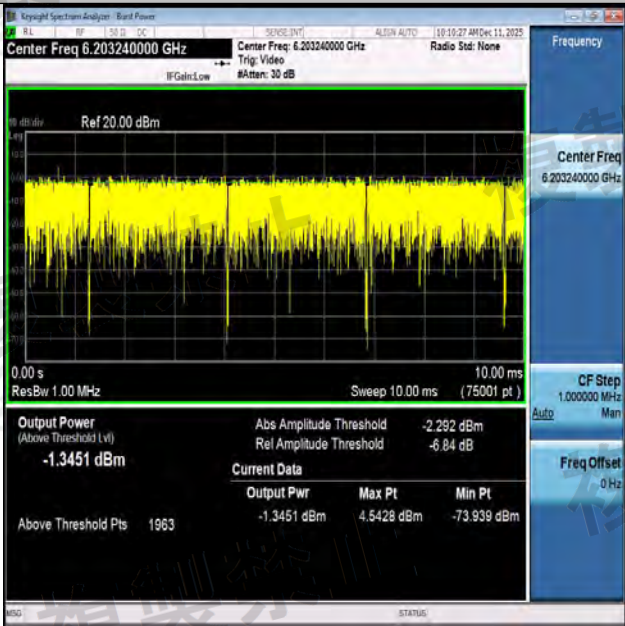
NTNV-11AX80SISO-Ant2-5985-PASS





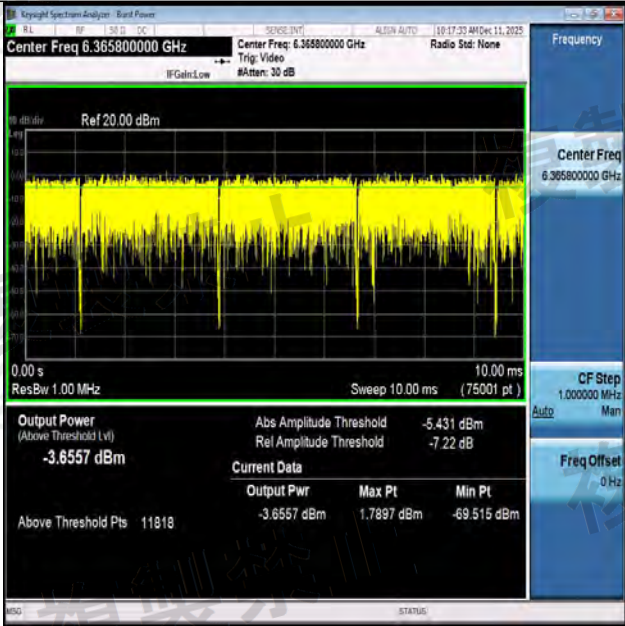


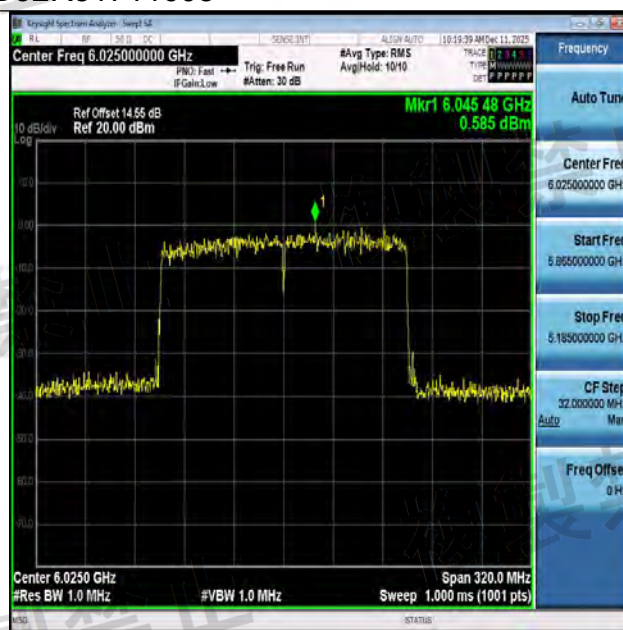
NTNV-11AX80SISO-Ant2-6225-PASS



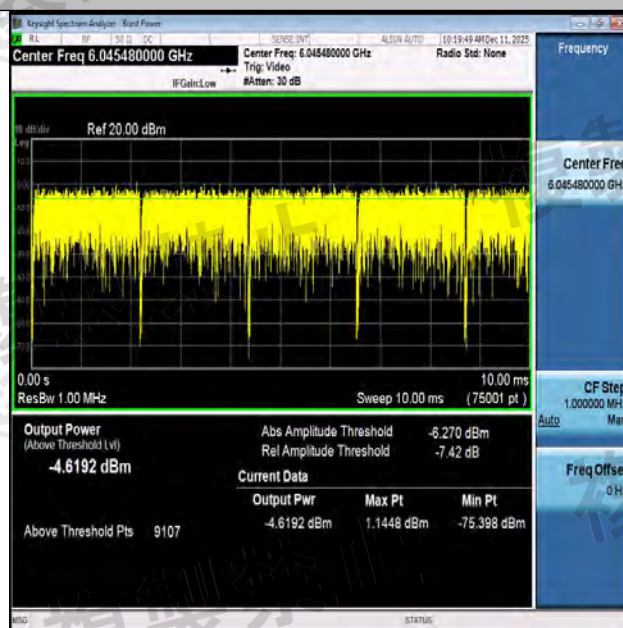


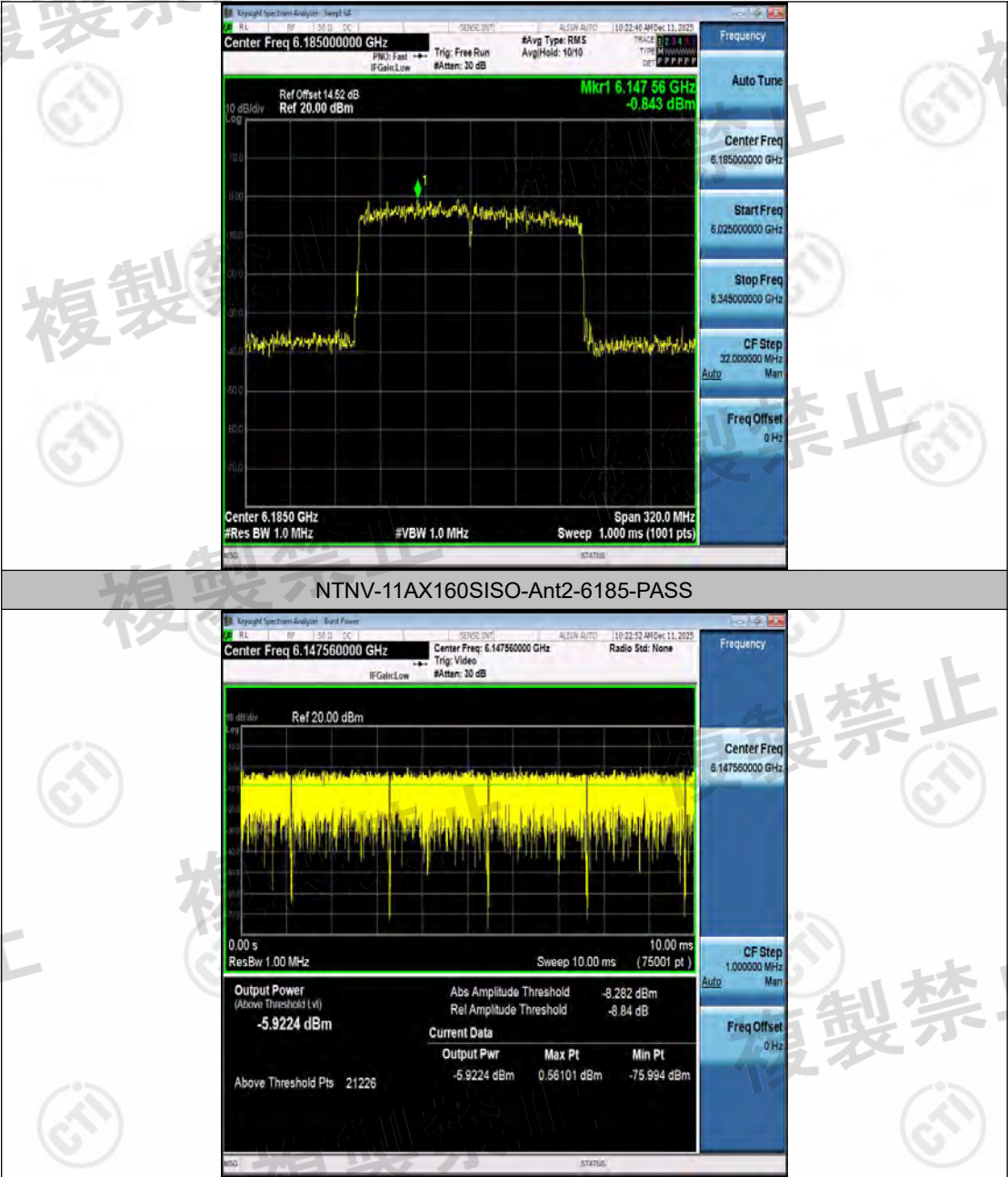
NTNV-11AX80SISO-Ant2-6385-PASS

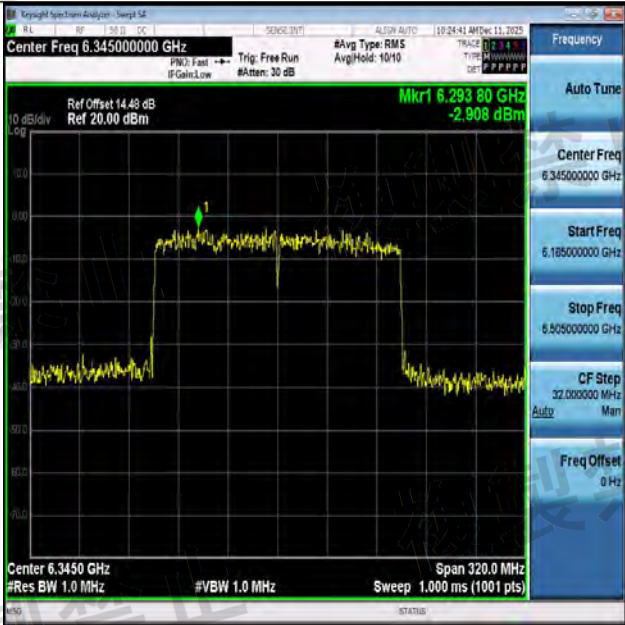




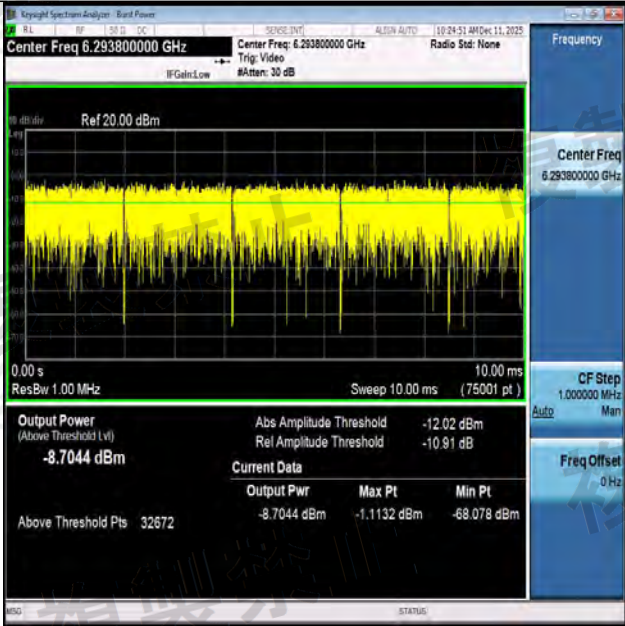
NTNV-11AX160SISO-Ant2-6025-PASS







NTNV-11AX160SISO-Ant2-6345-PASS



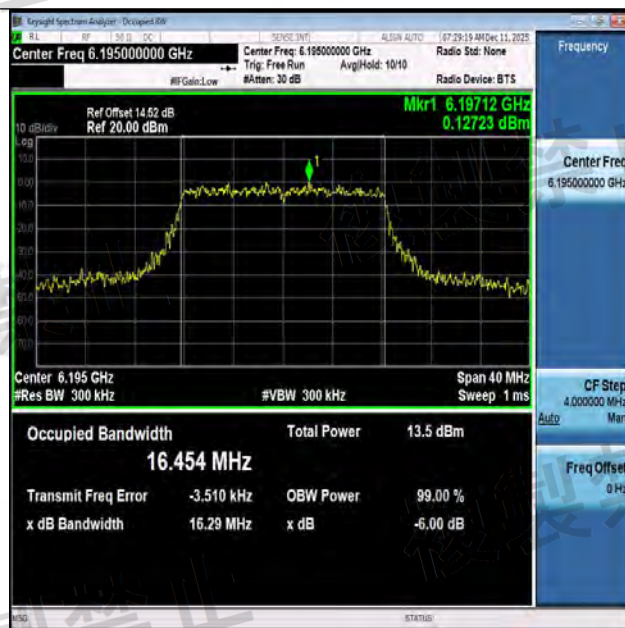
## Appendix C: Occupied Bandwidth

### Test Result

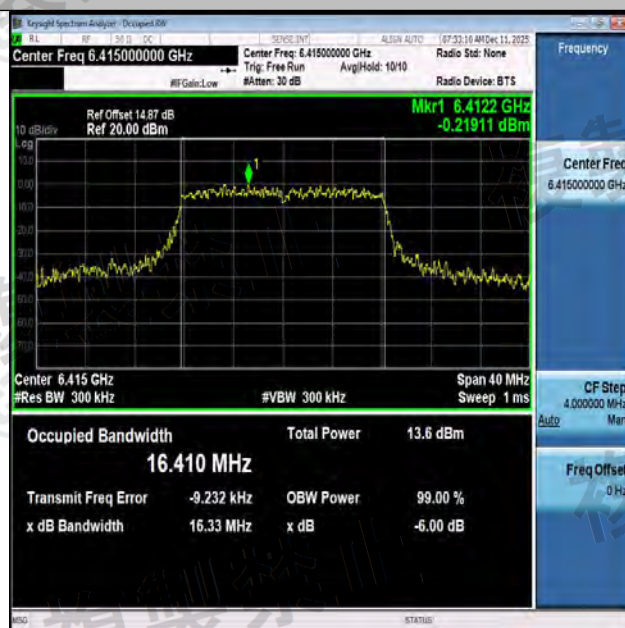
| TestCon<br>dition | TestMode    | Anten<br>na | Channel | Result [MHz] | Limit [MHz] | Verdict |
|-------------------|-------------|-------------|---------|--------------|-------------|---------|
| NTNV              | 11A         | Ant2        | 5955    | 16.436       | ≤20         | PASS    |
| NTNV              | 11A         | Ant2        | 6175    | 16.405       | ≤20         | PASS    |
| NTNV              | 11A         | Ant2        | 6195    | 16.454       | ≤20         | PASS    |
| NTNV              | 11A         | Ant2        | 6415    | 16.410       | ≤20         | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 5955    | 18.918       | ≤20         | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6175    | 18.884       | ≤20         | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6195    | 18.934       | ≤20         | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6415    | 18.984       | ≤20         | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 5965    | 37.735       | ≤40         | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6165    | 37.697       | ≤40         | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6205    | 37.618       | ≤40         | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6405    | 37.637       | ≤40         | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 5985    | 77.159       | ≤80         | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6145    | 76.787       | ≤80         | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6225    | 77.044       | ≤80         | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6385    | 76.941       | ≤80         | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6025    | 156.220      | ≤160        | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6185    | 155.650      | ≤160        | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6345    | 155.870      | ≤160        | PASS    |

## Test Graphs

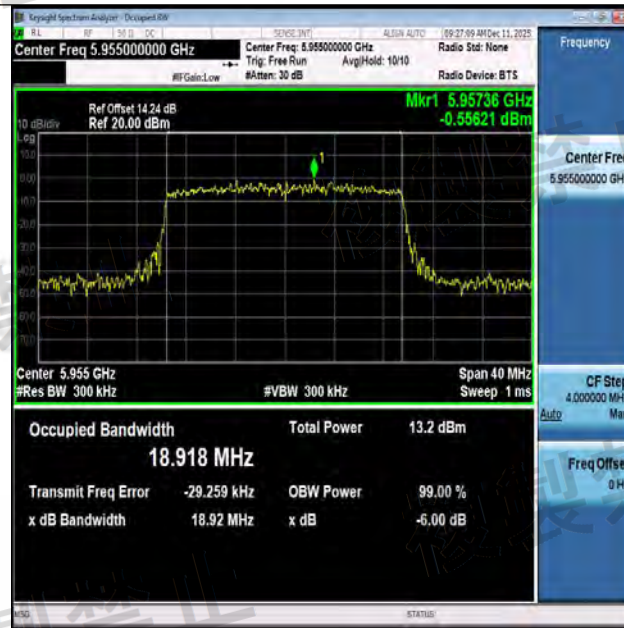




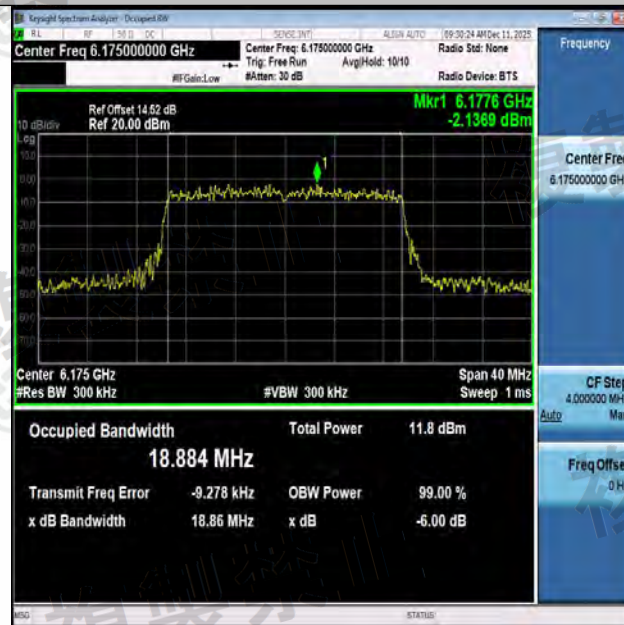
NTNV-11A-Ant2-6195-PASS



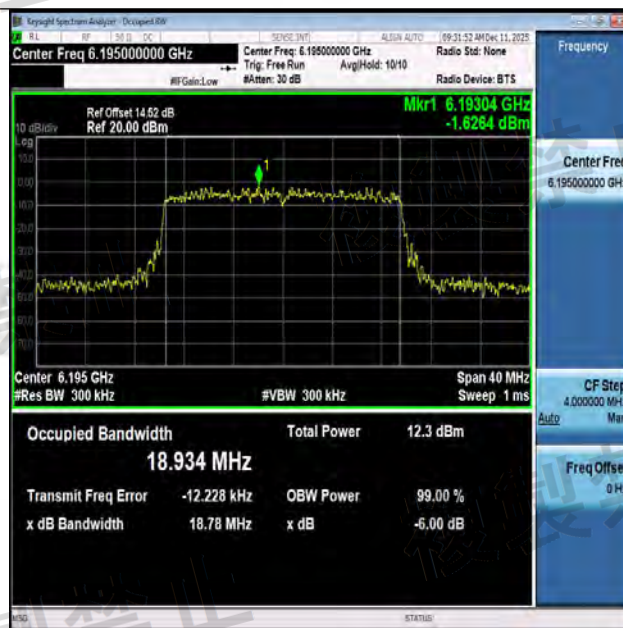
NTNV-11A-Ant2-6415-PASS



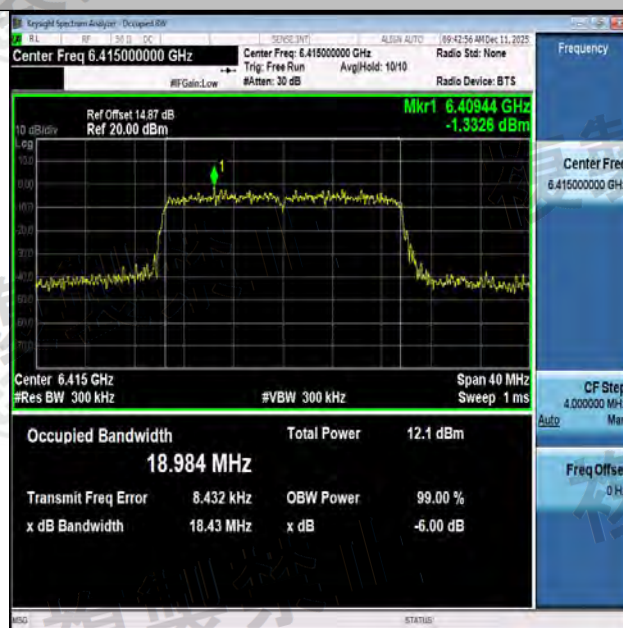
NTNV-11AX20SISO-Ant2-5955-PASS



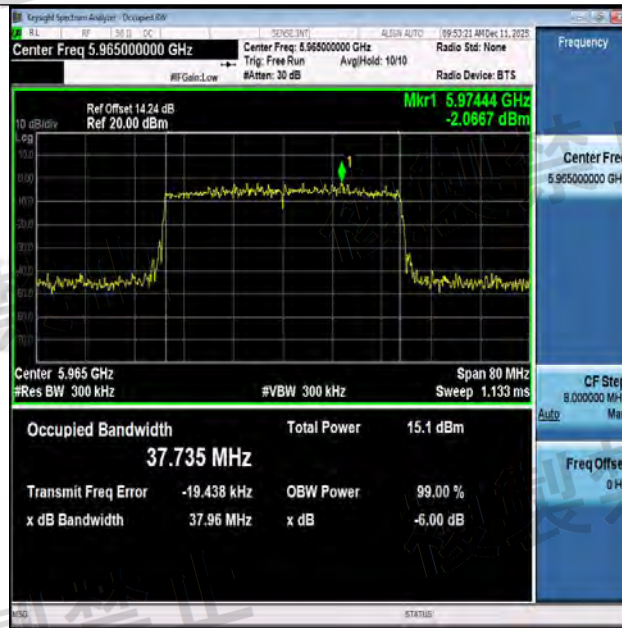
NTNV-11AX20SISO-Ant2-6175-PASS



NTNV-11AX20SISO-Ant2-6195-PASS



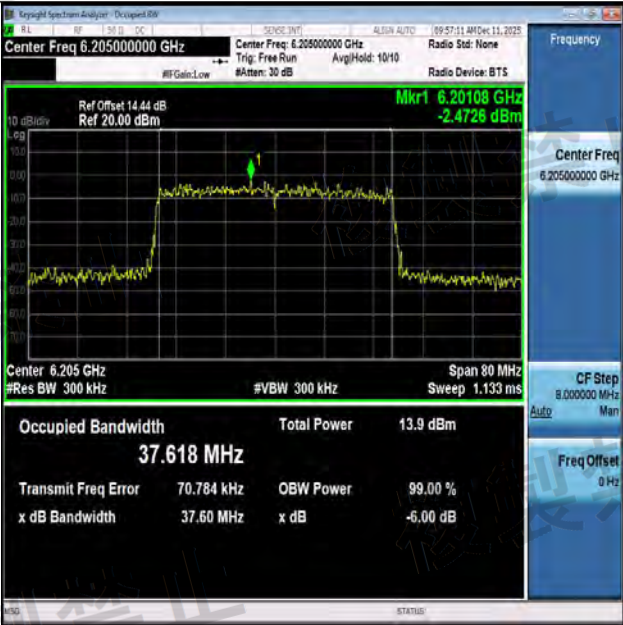
NTNV-11AX20SISO-Ant2-6415-PASS



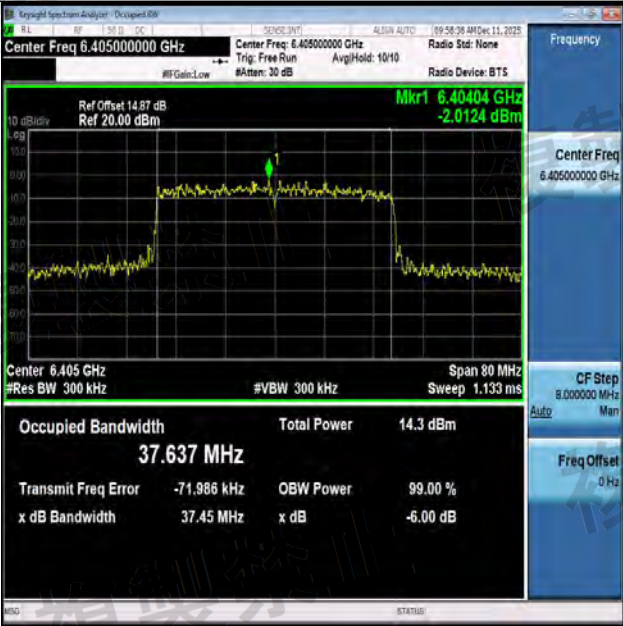
NTNV-11AX40SISO-Ant2-5965-PASS



NTNV-11AX40SISO-Ant2-6165-PASS



NTNV-11AX40SISO-Ant2-6205-PASS



NTNV-11AX40SISO-Ant2-6405-PASS



NTNV-11AX80SISO-Ant2-5985-PASS



NTNV-11AX80SISO-Ant2-6145-PASS



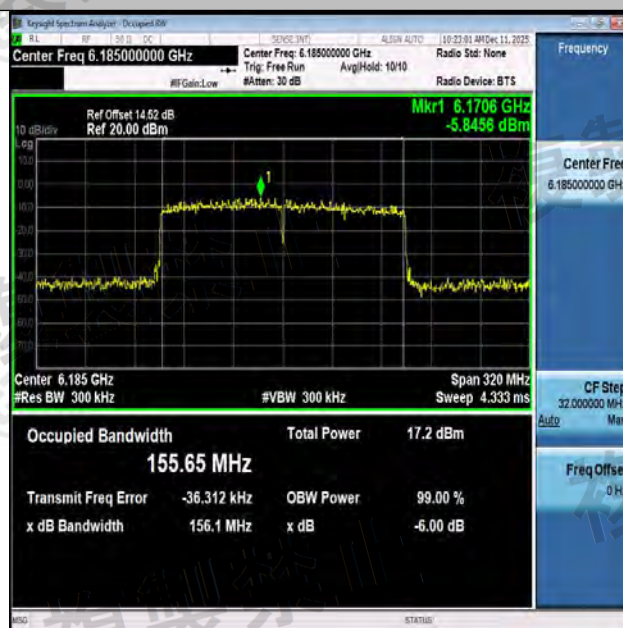
NTNV-11AX80SISO-Ant2-6225-PASS



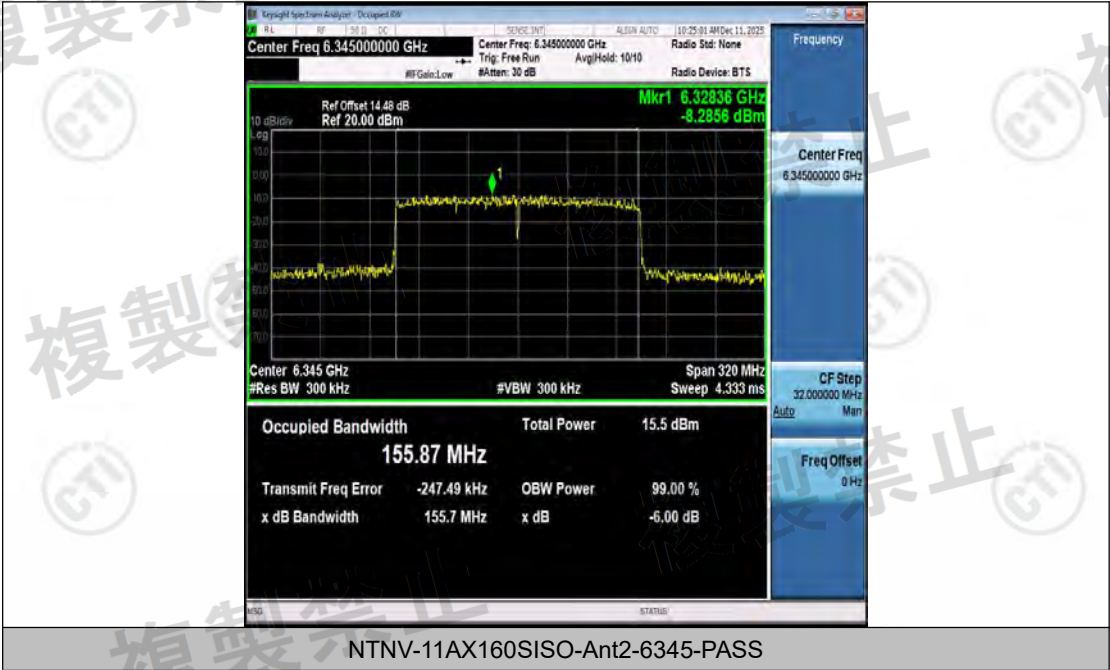
NTNV-11AX80SISO-Ant2-6385-PASS



NTVN-11AX160SISO-Ant2-6025-PASS



NTVN-11AX160SISO-Ant2-6185-PASS



## Appendix E: Unwanted Emission Strength

## Test Result

| Test Condition | Test Mode   | Antenna | Channel | Freq.Range [MHz] | Freq. [MHz] | Raw Result [dBm] | Gain [dBi] | EIRP Result [dBm/MHz] | Result [ $\mu$ W/MHz] | Limit [ $\mu$ W/MHz] | Verdict         |
|----------------|-------------|---------|---------|------------------|-------------|------------------|------------|-----------------------|-----------------------|----------------------|-----------------|
| NTNV           | 11A         | Ant2    | 5955    | 30~5925          | 3882.38     | -42.02           | 5.2        | -36.82                | 0.21                  | $\leq 2.0$           | PASS            |
| NTNV           | 11A         | Ant2    | 6415    | 6425~6435.9      | 6425.03     | -18.83           | 5.2        | -18.83                | 13.09                 | $\leq 50$            | See table below |
| NTNV           | 11A         | Ant2    | 6415    | 6435.9~26000     | 6435.9      | -25.05           | 5.2        | -25.05                | 3.13                  | $\leq 12.5$          | See table below |
| NTNV           | 11N20SI SO  | Ant2    | 5955    | 30~5925          | 3153.17     | -43.29           | 5.2        | -43.29                | 0.05                  | $\leq 2.0$           | PASS            |
| NTNV           | 11N20SI SO  | Ant2    | 6415    | 6425~6435.9      | 6425        | -14.80           | 5.2        | -14.8                 | 33.11                 | $\leq 50$            | See table below |
| NTNV           | 11N20SI SO  | Ant2    | 6415    | 6435.9~26000     | 6435.9      | -26.18           | 5.2        | -26.18                | 2.41                  | $\leq 12.5$          | See table below |
| NTNV           | 11N40SI SO  | Ant2    | 5965    | 30~5925          | 4094.60     | -43.07           | 5.2        | -43.07                | 0.05                  | $\leq 2.0$           | PASS            |
| NTNV           | 11N40SI SO  | Ant2    | 6405    | 6425~6440.1      | 6425.08     | -19.47           | 5.2        | -19.47                | 11.30                 | $\leq 50$            | See table below |
| NTNV           | 11N40SI SO  | Ant2    | 6405    | 6440.1~26000     | 6440.10     | -29.86           | 5.2        | -29.86                | 1.03                  | $\leq 12.5$          | PASS            |
| NTNV           | 11AC20 SISO | Ant2    | 5955    | 30~5925          | 3863.72     | -41.88           | 5.2        | -41.88                | 0.06                  | $\leq 2.0$           | PASS            |
| NTNV           | 11AC20 SISO | Ant2    | 6415    | 6425~6435.9      | 6425.01     | -13.40           | 5.2        | -13.4                 | 45.71                 | $\leq 50$            | See table below |
| NTNV           | 11AC20 SISO | Ant2    | 6415    | 6435.9~26000     | 6435.9      | -29.02           | 5.2        | -29.02                | 1.25                  | $\leq 12.5$          | See table below |
| NTNV           | 11AC40 SISO | Ant2    | 5965    | 30~5925          | 3781.77     | -42.96           | 5.2        | -42.96                | 0.05                  | $\leq 2.0$           | PASS            |
| NTNV           | 11AC40 SISO | Ant2    | 6405    | 6425~6440.1      | 6425.11     | -21.91           | 5.2        | -21.91                | 6.44                  | $\leq 50$            | See table below |
| NTNV           | 11AC40 SISO | Ant2    | 6405    | 6440.1~26000     | 6440.10     | -31.97           | 5.2        | -31.97                | 0.64                  | $\leq 12.5$          | PASS            |
| NTNV           | 11AC80 SISO | Ant2    | 5985    | 30~5925          | 5917.73     | -39.63           | 5.2        | -39.63                | 0.11                  | $\leq 2.0$           | PASS            |
| NTNV           | 11AC80 SISO | Ant2    | 6385    | 6425~6440.4      | 6425.11     | -19.85           | 5.2        | -19.85                | 10.35                 | $\leq 50$            | See table below |
| NTNV           | 11AC80      | Ant2    | 6385    | 6440.4~26000     | 6440.40     | -30.99           | 5.2        | -30.99                | 0.80                  | $\leq 12.5$          | PASS            |

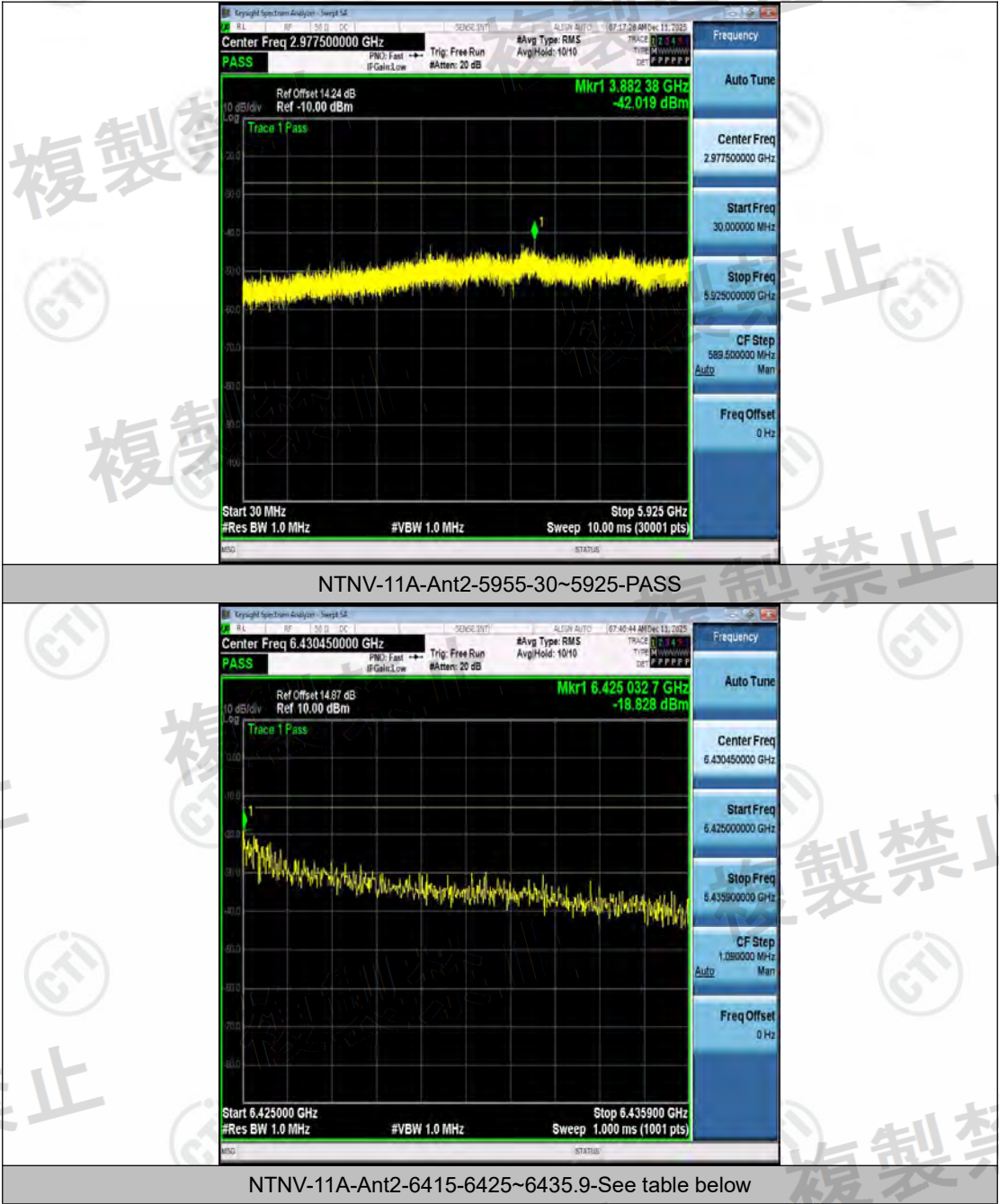
|      |                 |      |      |              |              |        |     |        |       |       |                    |
|------|-----------------|------|------|--------------|--------------|--------|-----|--------|-------|-------|--------------------|
|      | SISO            |      |      |              |              |        |     |        |       |       |                    |
| NTNV | 11AC16<br>0SISO | Ant2 | 6025 | 30~5925      | 5907.90      | -38.59 | 5.2 | -38.59 | 0.14  | ≤2.0  | PASS               |
| NTNV | 11AC16<br>0SISO | Ant2 | 6345 | 6425~6425.5  | 6425.29      | -20.07 | 5.2 | -20.07 | 9.84  | ≤50   | See table<br>below |
| NTNV | 11AC16<br>0SISO | Ant2 | 6345 | 6425.5~26000 | 6425.5       | -20.35 | 5.2 | -20.35 | 9.23  | ≤12.5 | See table<br>below |
| NTNV | 11AX20<br>SISO  | Ant2 | 5955 | 30~5925      | 3848.58      | -43.10 | 5.2 | -43.1  | 0.05  | ≤2.0  | PASS               |
| NTNV | 11AX20<br>SISO  | Ant2 | 6415 | 6425~6435.9  | 6425.07      | -19.25 | 5.2 | -19.25 | 11.89 | ≤50   | See table<br>below |
| NTNV | 11AX20<br>SISO  | Ant2 | 6415 | 6435.9~26000 | 24904.4<br>1 | -39.62 | 5.2 | -39.62 | 0.11  | ≤12.5 | PASS               |
| NTNV | 11AX40<br>SISO  | Ant2 | 5965 | 30~5925      | 4698.05      | -42.77 | 5.2 | -42.77 | 0.05  | ≤2.0  | PASS               |
| NTNV | 11AX40<br>SISO  | Ant2 | 6405 | 6425~6440.1  | 6425.08      | -22.13 | 5.2 | -22.13 | 6.12  | ≤50   | See table<br>below |
| NTNV | 11AX40<br>SISO  | Ant2 | 6405 | 6440.1~26000 | 23574.5<br>7 | -39.80 | 5.2 | -39.8  | 0.10  | ≤12.5 | PASS               |
| NTNV | 11AX80<br>SISO  | Ant2 | 5985 | 30~5925      | 5921.27      | -41.00 | 5.2 | -41    | 0.08  | ≤2.0  | PASS               |
| NTNV | 11AX80<br>SISO  | Ant2 | 6385 | 6425~6440.4  | 6425.03      | -20.50 | 5.2 | -20.5  | 8.91  | ≤50   | See table<br>below |
| NTNV | 11AX80<br>SISO  | Ant2 | 6385 | 6440.4~26000 | 6440.40      | -35.39 | 5.2 | -35.39 | 0.29  | ≤12.5 | PASS               |
| NTNV | 11AX16<br>0SISO | Ant2 | 6025 | 30~5925      | 5925.00      | -40.94 | 5.2 | -40.94 | 0.08  | ≤2.0  | PASS               |
| NTNV | 11AX16<br>0SISO | Ant2 | 6345 | 6425~6425.5  | 6425.13      | -38.12 | 5.2 | -38.12 | 0.15  | ≤50   | PASS               |
| NTNV | 11AX16<br>0SISO | Ant2 | 6345 | 6425.5~26000 | 6425.5       | -25.34 | 5.2 | -25.34 | 2.92  | ≤12.5 | See table<br>below |

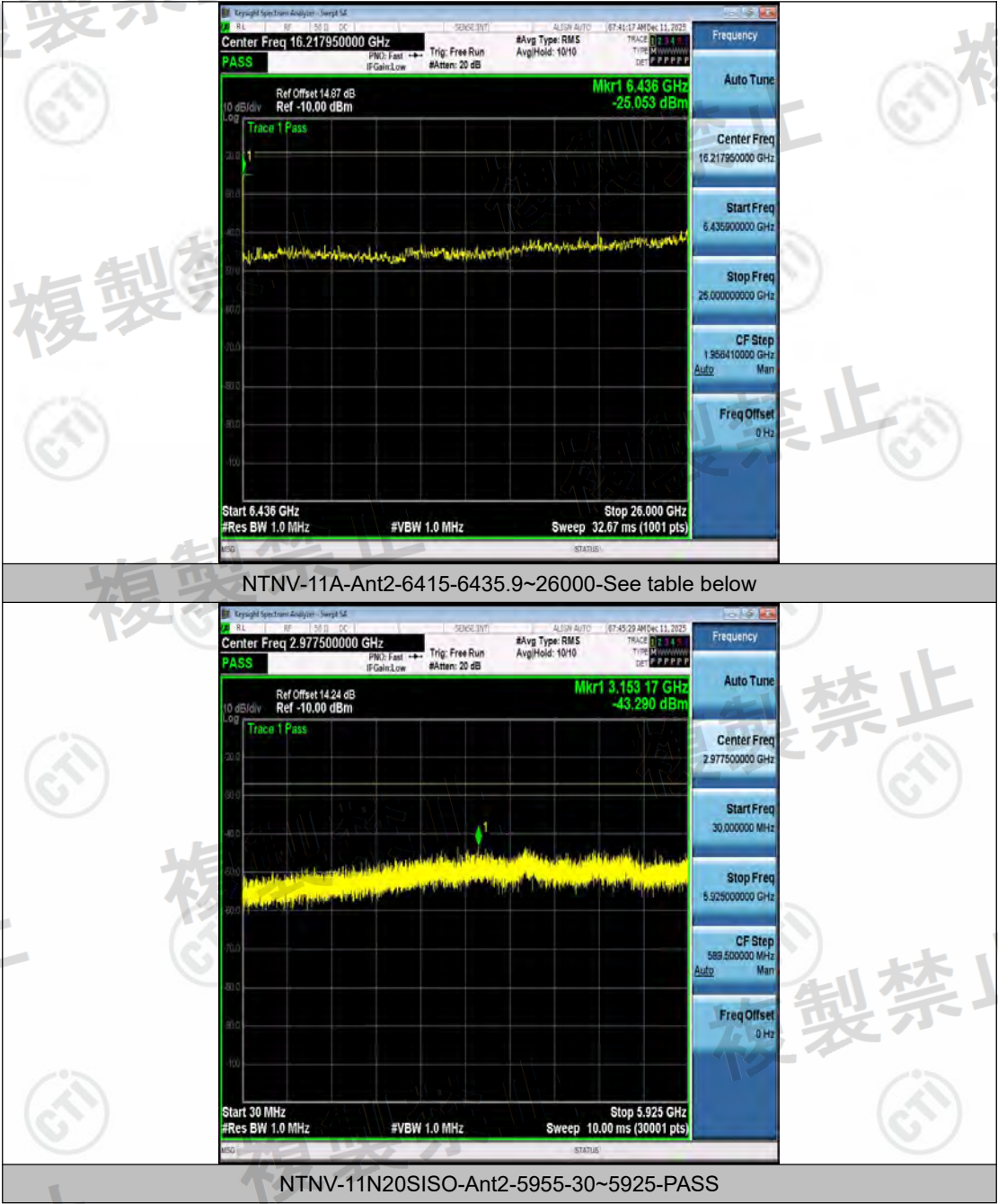
## Test Result\_Step2

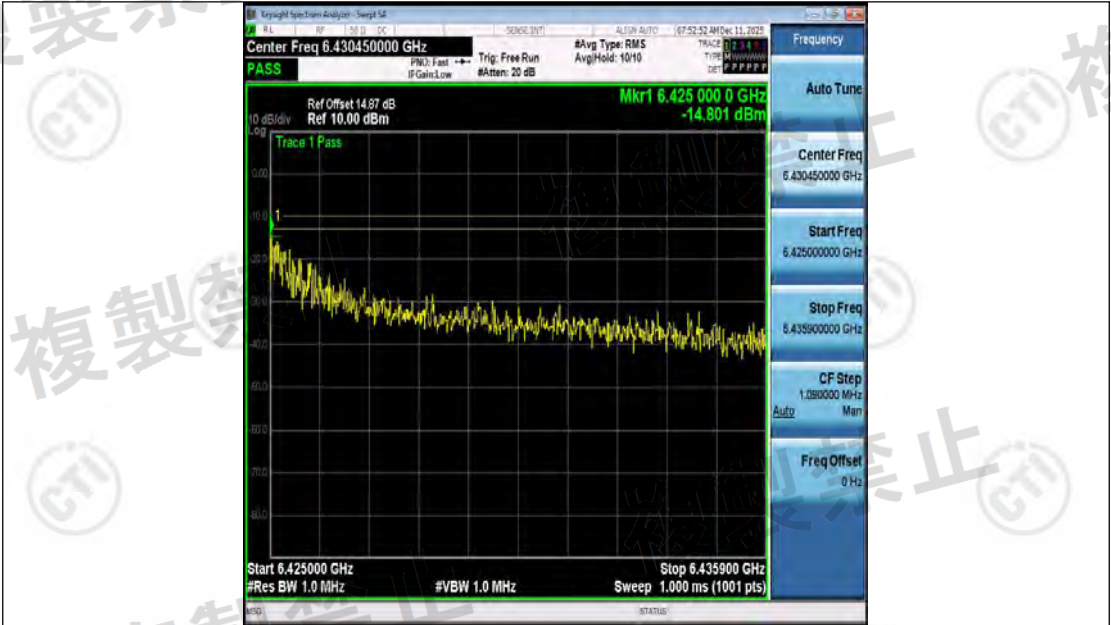
| Test Condition | Test Mode     | PreScan In Ant | Channel | Ant  | Freq. [MHz] | Raw Result [dBm/MHz] | Gain [dBi] | EIRP Result [dBm/MHz] | EIRP Result [μW/MHz] | Limit [μW/MHz] | Verdict |
|----------------|---------------|----------------|---------|------|-------------|----------------------|------------|-----------------------|----------------------|----------------|---------|
| NTNV           | 11A           | Ant2           | 6415    | Ant2 | 6425.07     | -31.47               | 5.2        | -26.27                | 2.36                 | ≤50            | PASS    |
| NTNV           | 11A           | Ant2           | 6415    | Ant2 | 6436.14     | -48.20               | 5.2        | -43                   | 0.05                 | ≤12.5          | PASS    |
| NTNV           | 11N20SI<br>SO | Ant2           | 6415    | Ant2 | 6425.12     | -27.69               | 5.2        | -22.49                | 5.64                 | ≤50            | PASS    |

|      |                 |      |      |      |         |        |     |        |      |       |      |
|------|-----------------|------|------|------|---------|--------|-----|--------|------|-------|------|
| NTNV | 11N20SI<br>SO   | Ant2 | 6415 | Ant2 | 6435.93 | -46.15 | 5.2 | -40.95 | 0.08 | ≤12.5 | PASS |
| NTNV | 11N40SI<br>SO   | Ant2 | 6405 | Ant2 | 6425.07 | -33.55 | 5.2 | -28.35 | 1.46 | ≤50   | PASS |
| NTNV | 11AC20<br>SISO  | Ant2 | 6415 | Ant2 | 6425.02 | -25.97 | 5.2 | -20.77 | 8.38 | ≤50   | PASS |
| NTNV | 11AC20<br>SISO  | Ant2 | 6415 | Ant2 | 6436.49 | -46.88 | 5.2 | -41.68 | 0.07 | ≤12.5 | PASS |
| NTNV | 11AC40<br>SISO  | Ant2 | 6405 | Ant2 | 6425.38 | -34.70 | 5.2 | -29.5  | 1.12 | ≤50   | PASS |
| NTNV | 11AC80<br>SISO  | Ant2 | 6385 | Ant2 | 6425.04 | -33.02 | 5.2 | -27.82 | 1.65 | ≤50   | PASS |
| NTNV | 11AC16<br>OSISO | Ant2 | 6345 | Ant2 | 6425.46 | -39.19 | 5.2 | -33.99 | 0.40 | ≤50   | PASS |
| NTNV | 11AC16<br>OSISO | Ant2 | 6345 | Ant2 | 6425.96 | -52.22 | 5.2 | -47.02 | 0.02 | ≤12.5 | PASS |
| NTNV | 11AX20<br>SISO  | Ant2 | 6415 | Ant2 | 6425.01 | -25.62 | 5.2 | -20.42 | 9.08 | ≤50   | PASS |
| NTNV | 11AX40<br>SISO  | Ant2 | 6405 | Ant2 | 6425.19 | -36.66 | 5.2 | -31.46 | 0.71 | ≤50   | PASS |
| NTNV | 11AX80<br>SISO  | Ant2 | 6385 | Ant2 | 6425.17 | -32.41 | 5.2 | -27.21 | 1.90 | ≤50   | PASS |
| NTNV | 11AX16<br>OSISO | Ant2 | 6345 | Ant2 | 6425.76 | -54.16 | 5.2 | -48.96 | 0.01 | ≤12.5 | PASS |

Test Graphs



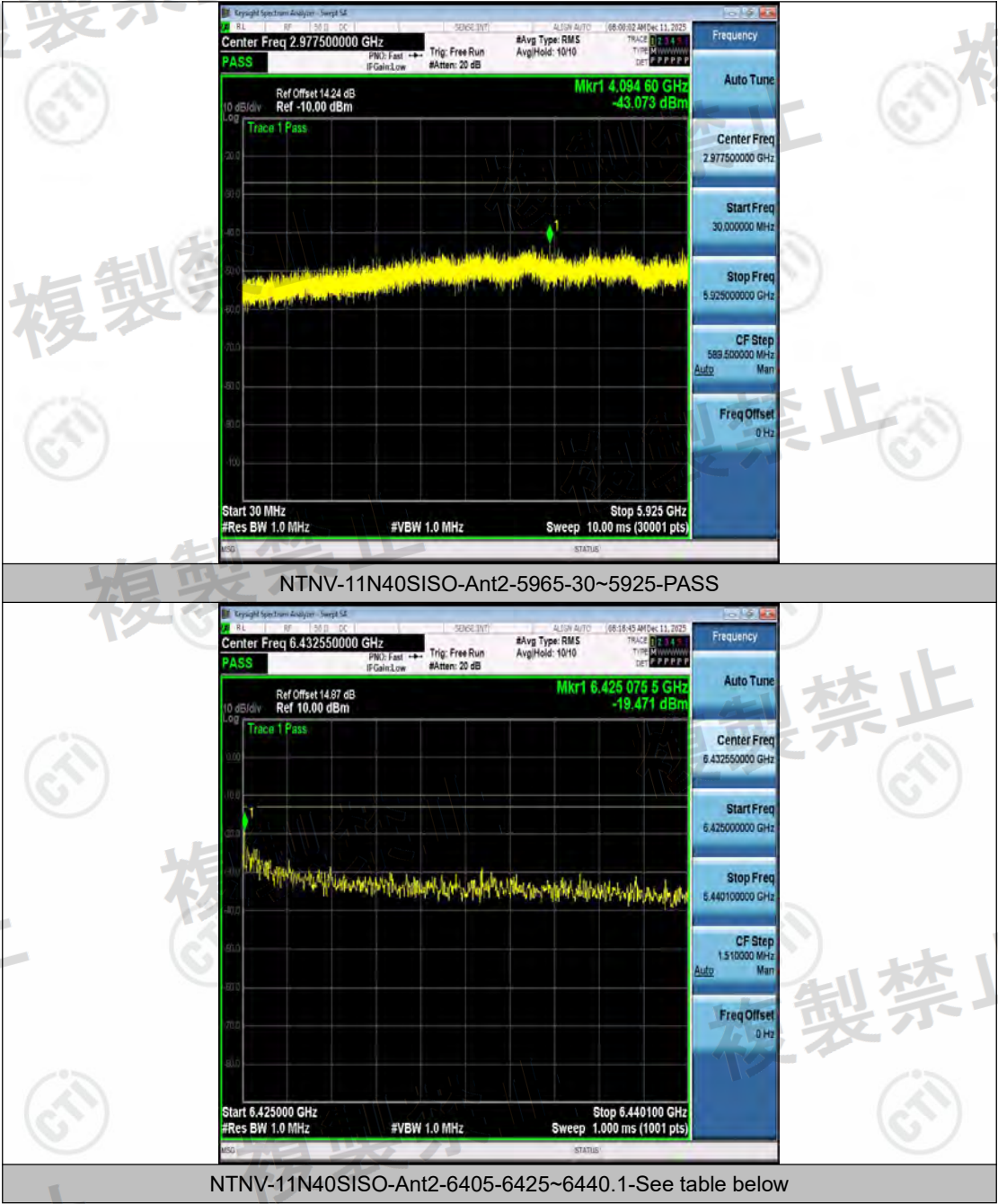


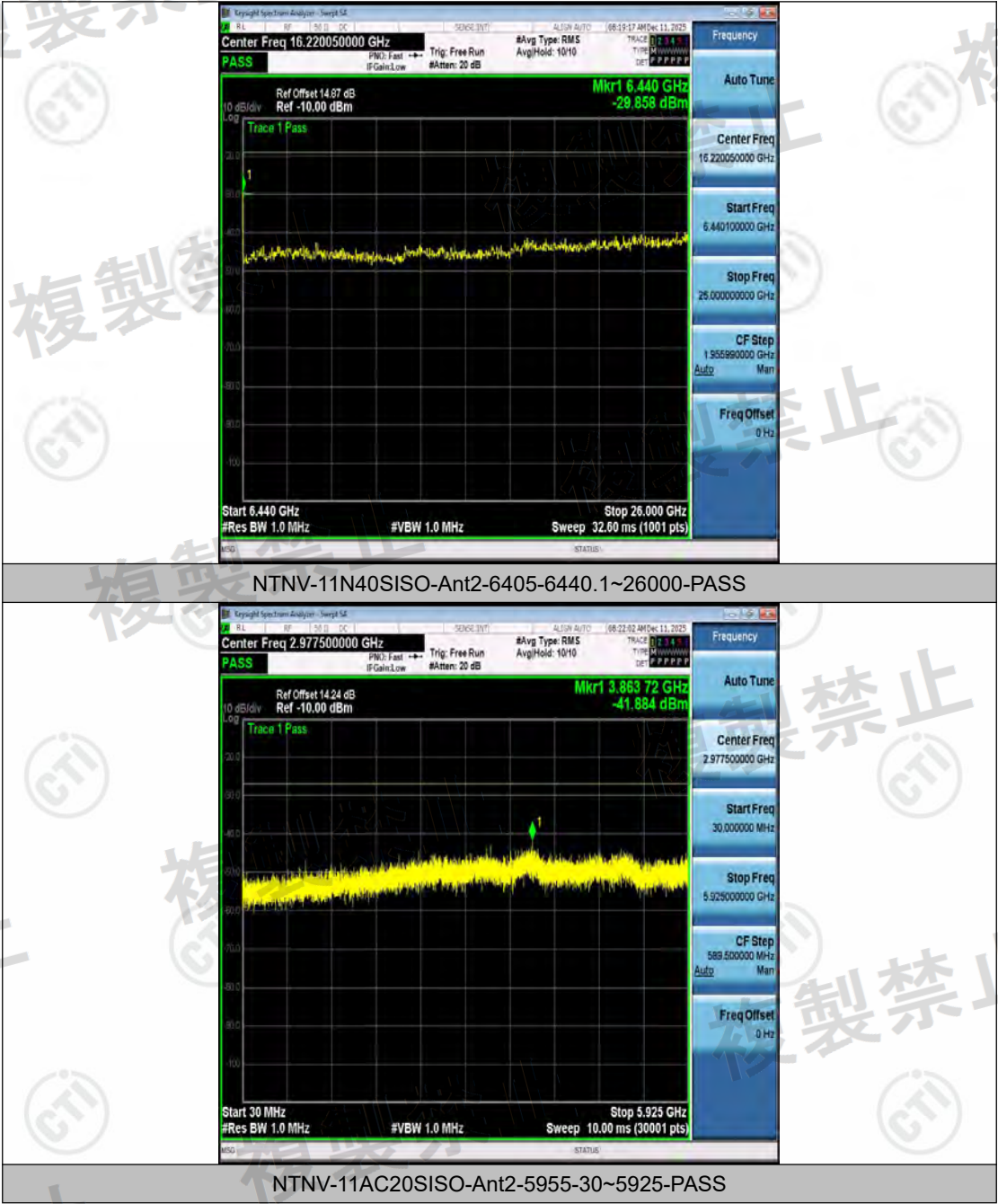


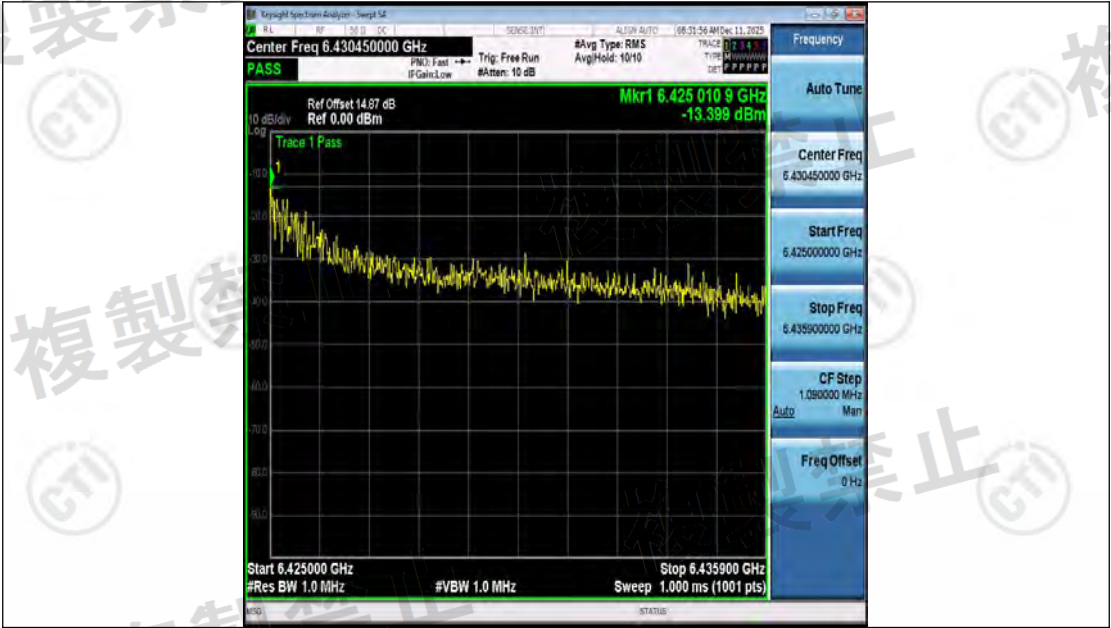
NTNV-11N20SISO-Ant2-6415-6425~6435.9-See table below



NTNV-11N20SISO-Ant2-6415-6435.9~26000-See table below



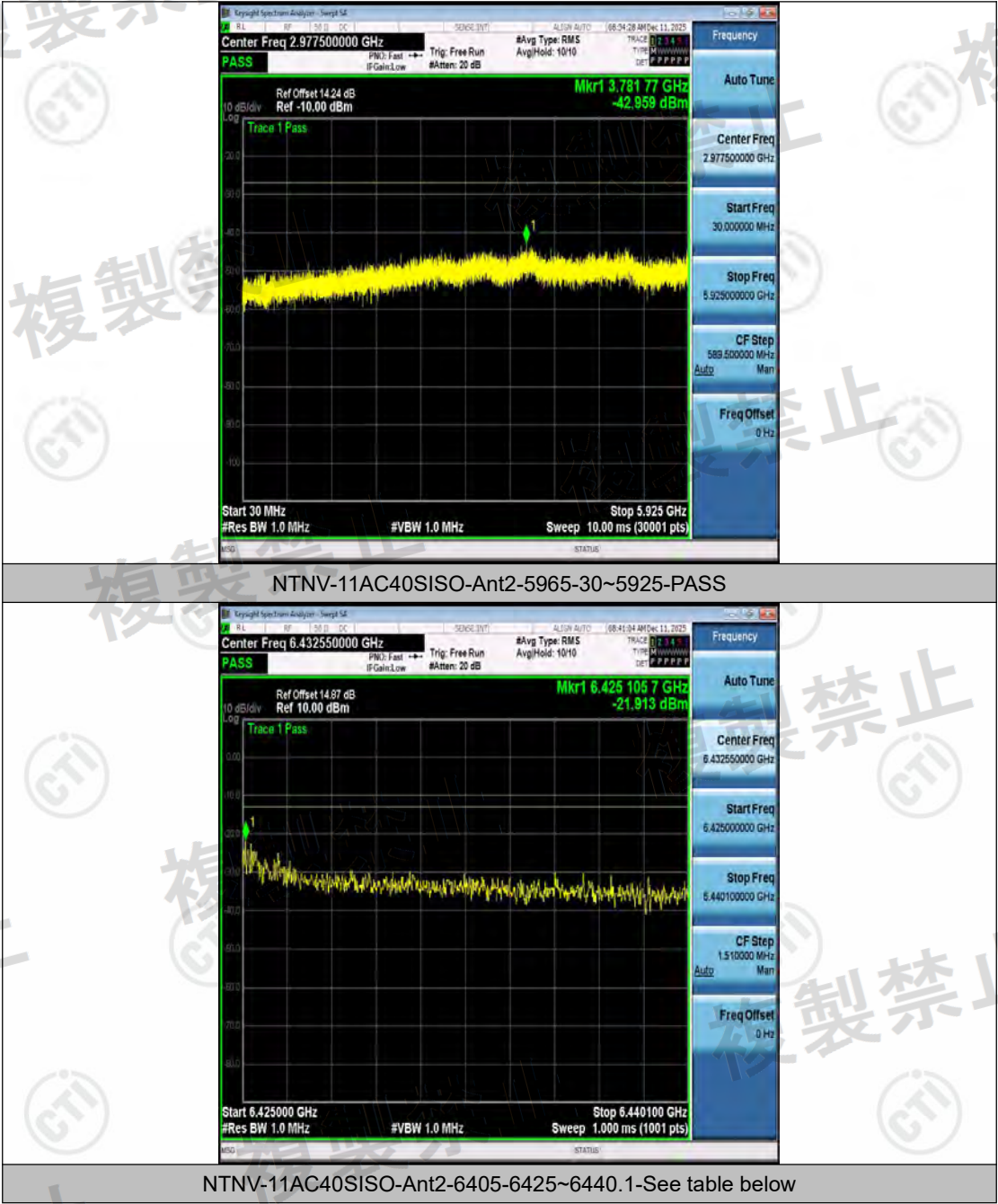


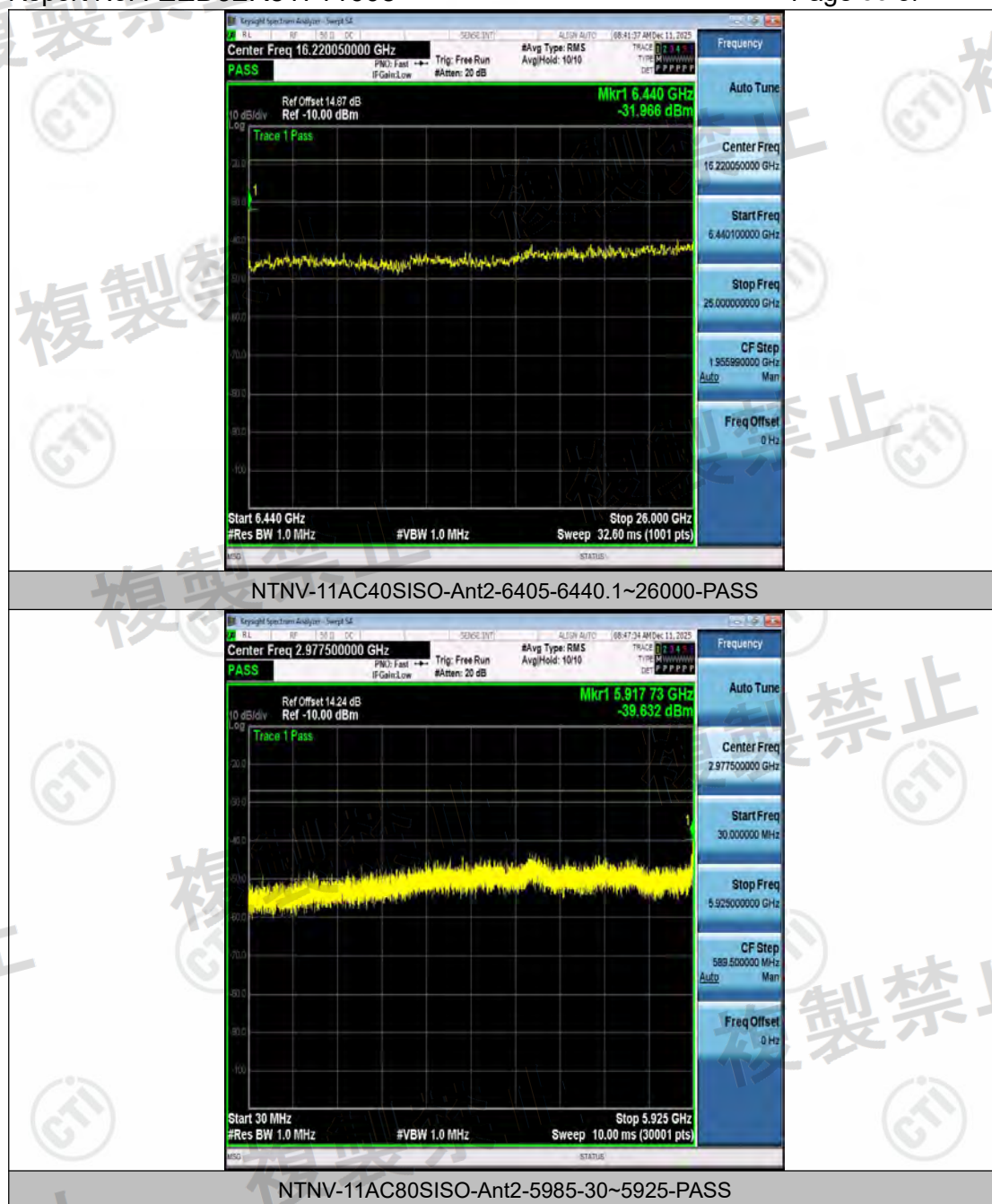


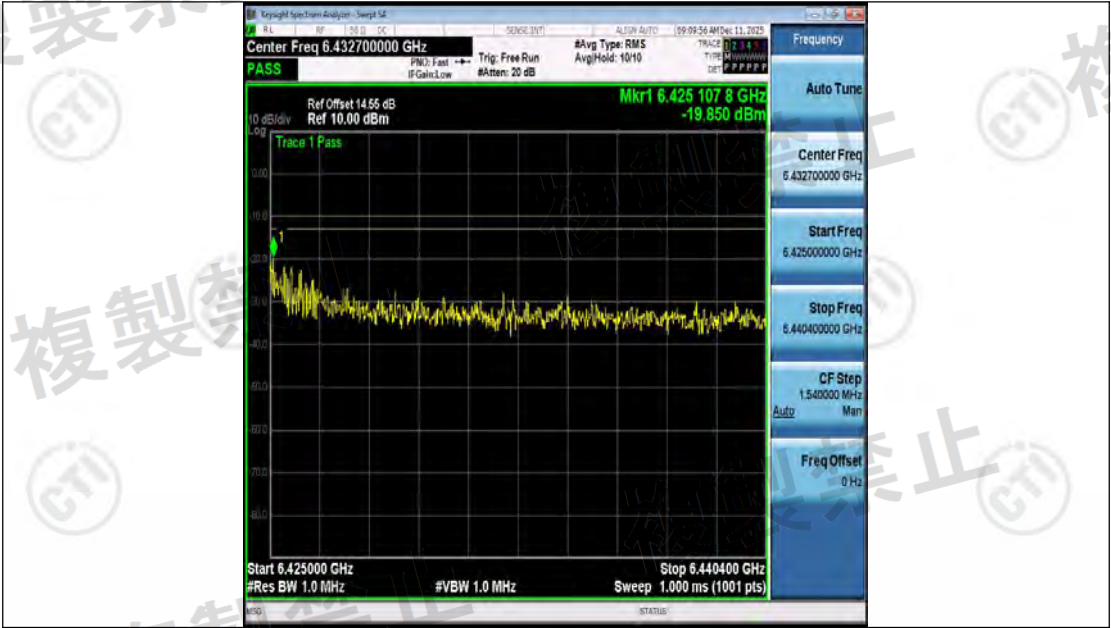
NTNV-11AC20SISO-Ant2-6415-6425~6435.9-See table below



NTNV-11AC20SISO-Ant2-6415-6435.9~26000-See table below



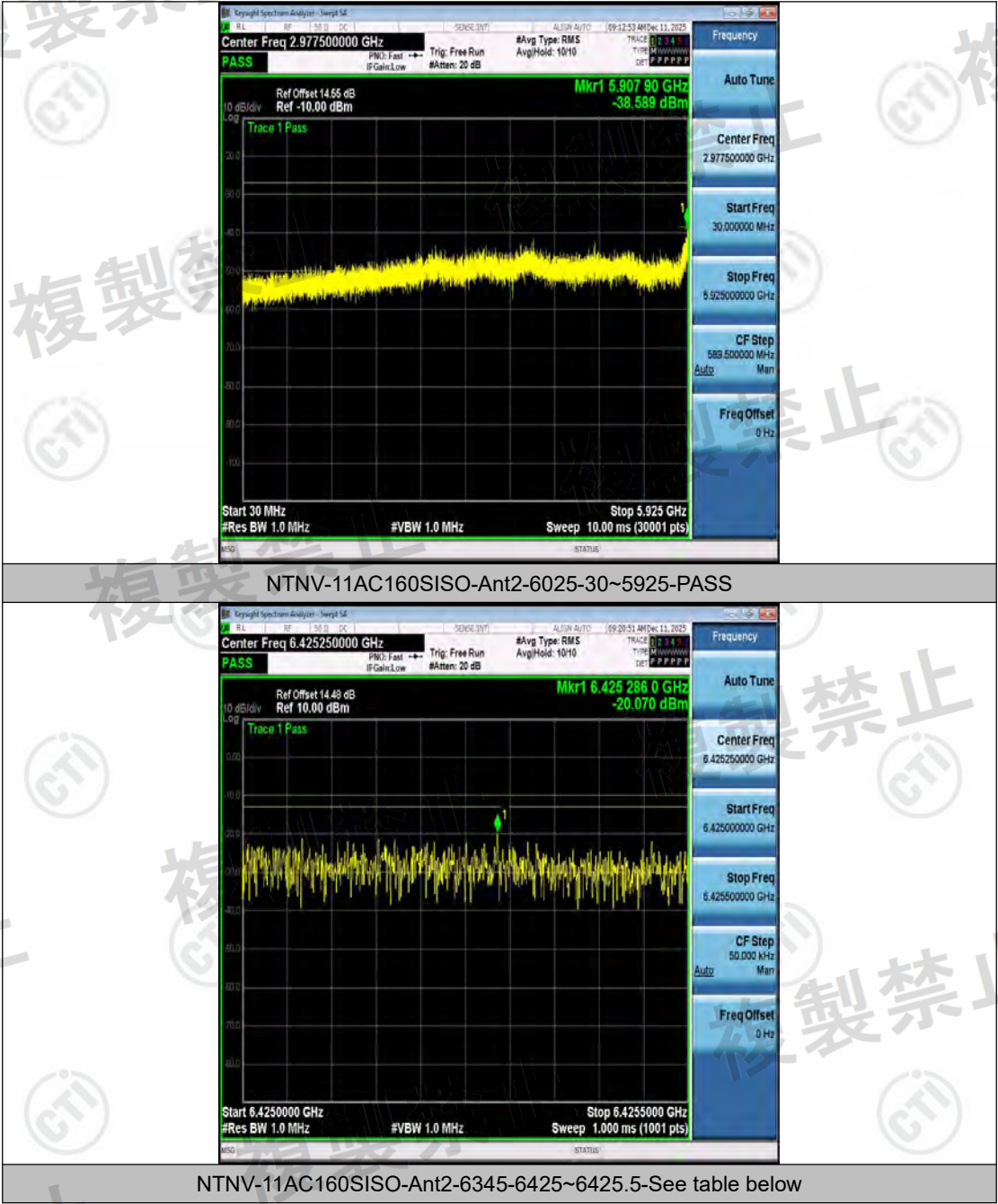


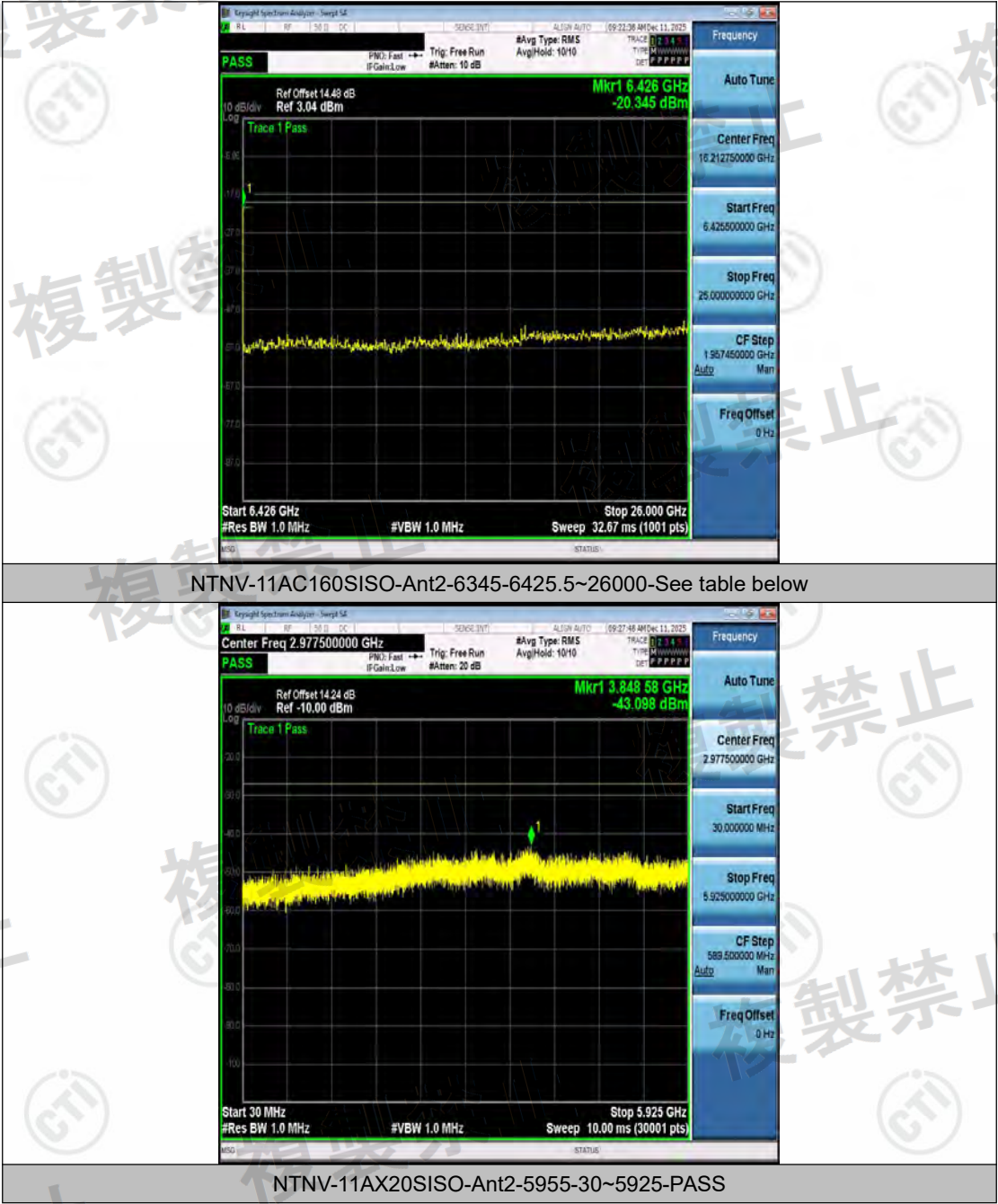


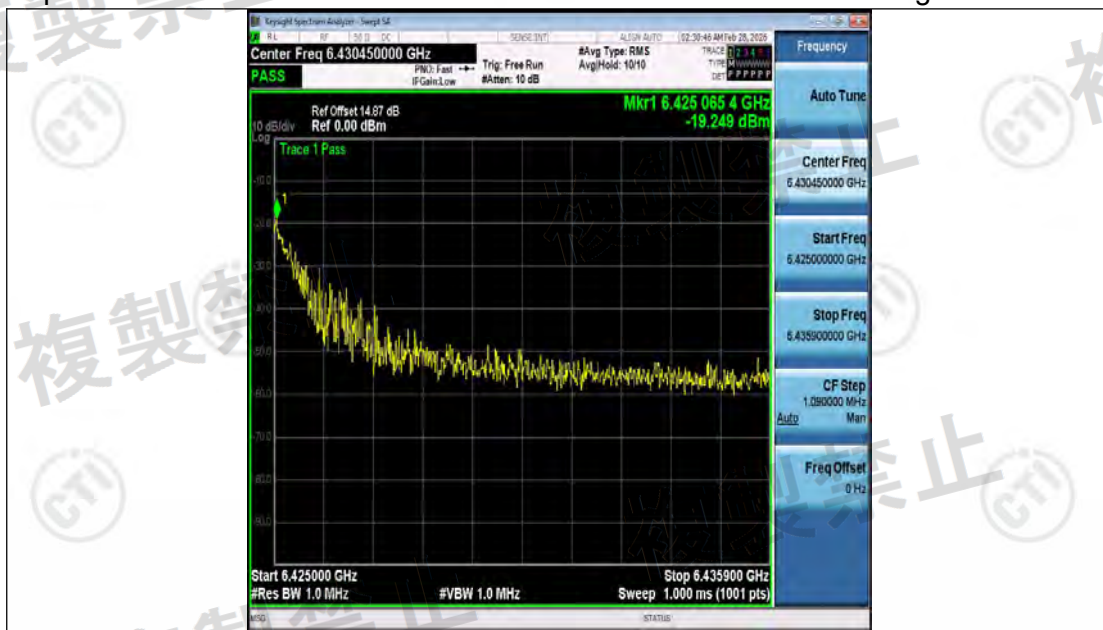
NTNV-11AC80SISO-Ant2-6385-6425~6440.4-See table below



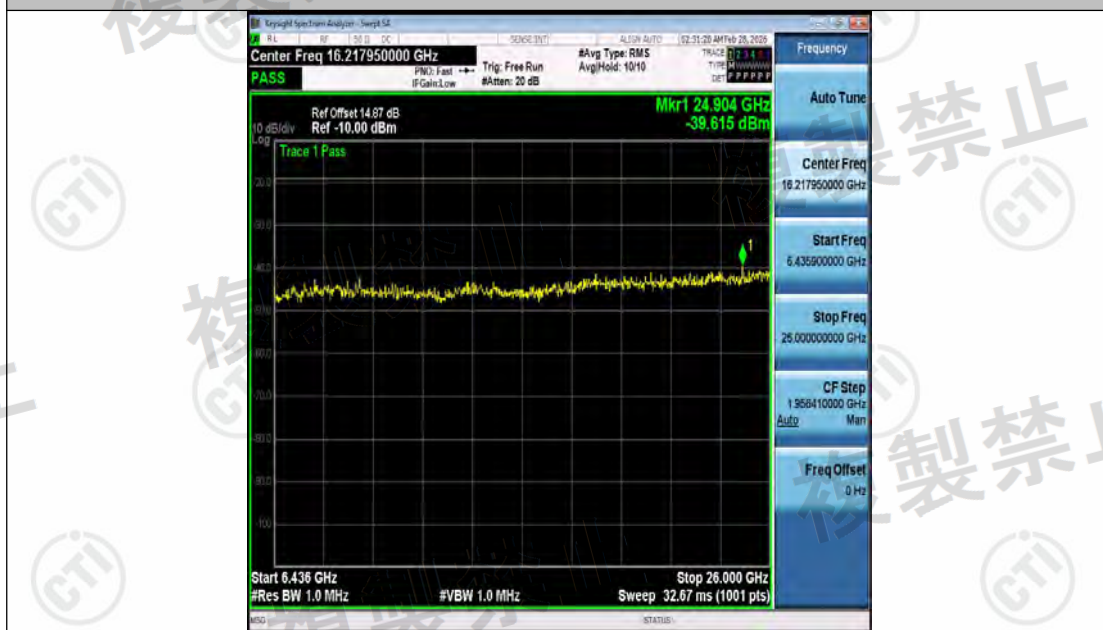
NTNV-11AC80SISO-Ant2-6385-6440.4~26000-PASS



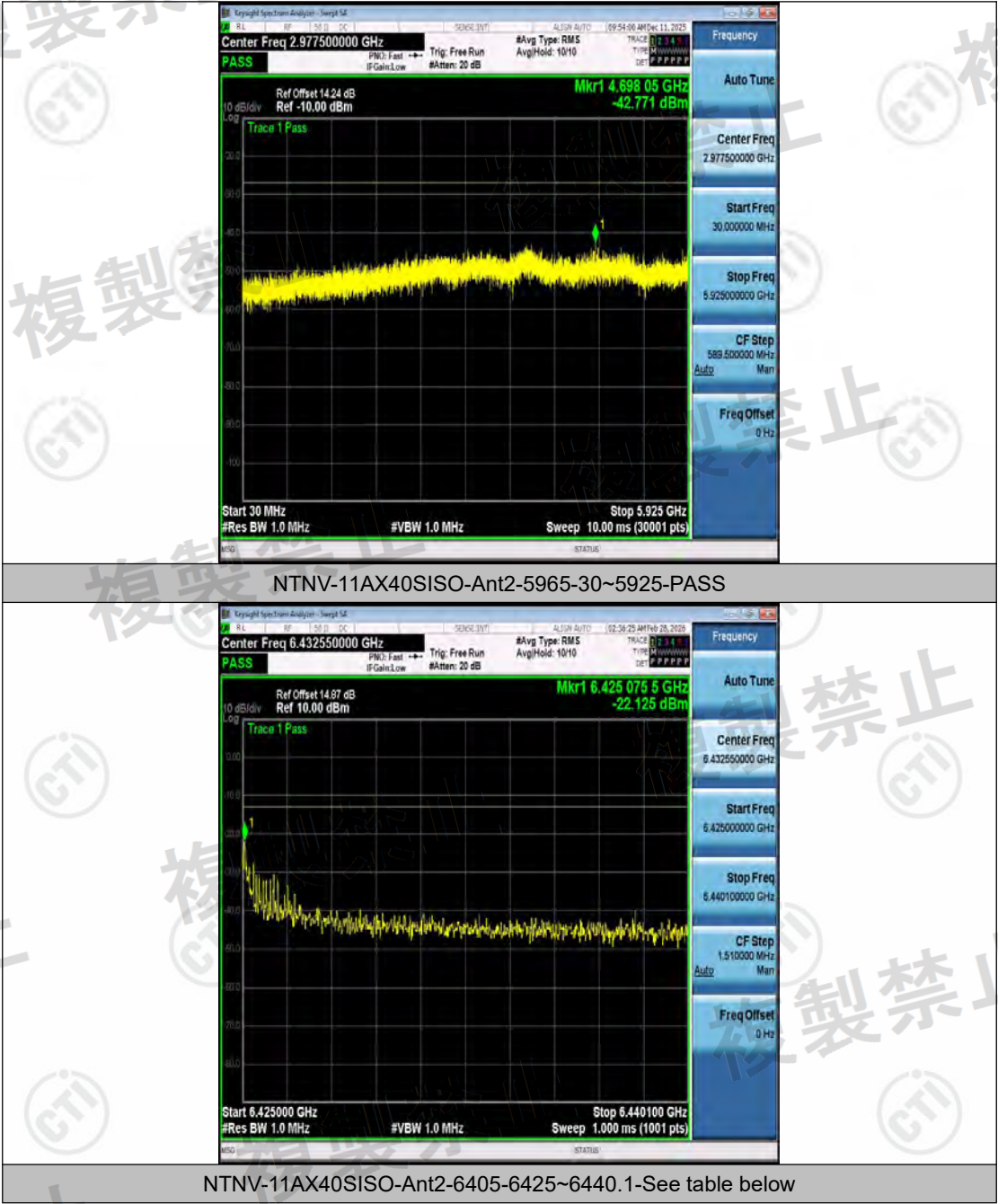


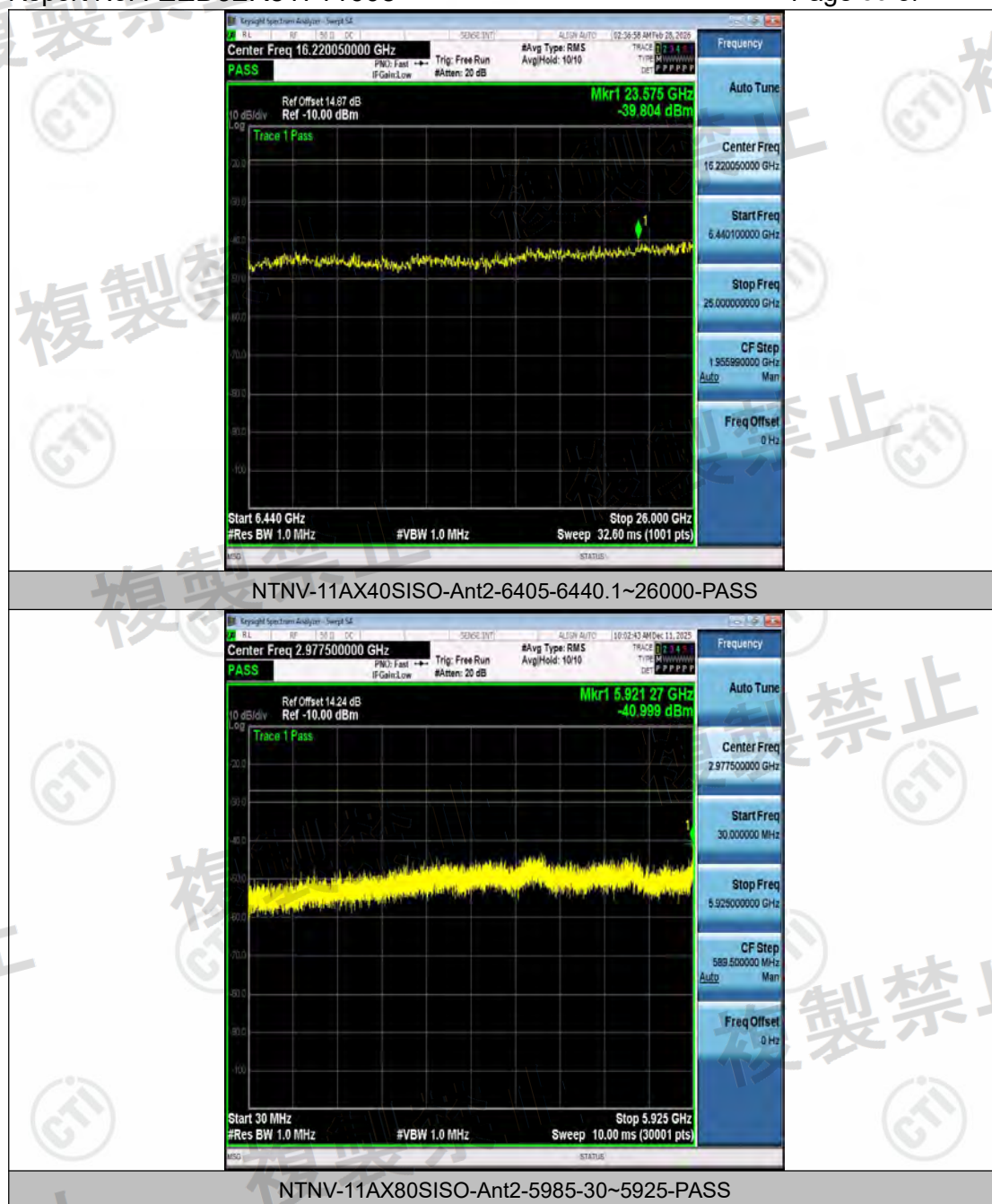


NTNV-11AX20SISO-Ant2-6415-6425~6435.9-See table below



NTNV-11AX20SISO-Ant2-6415-6435.9~26000-PASS



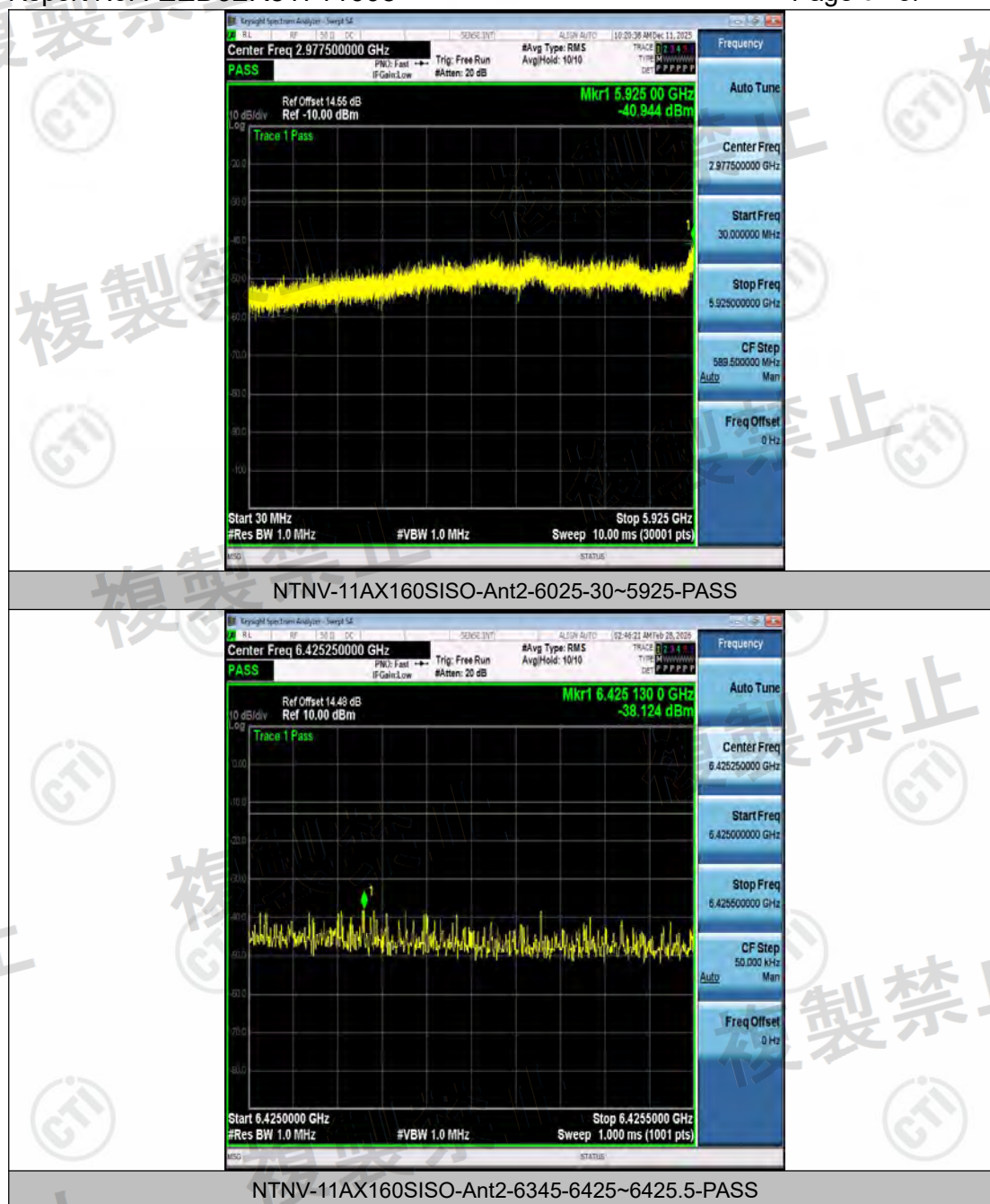


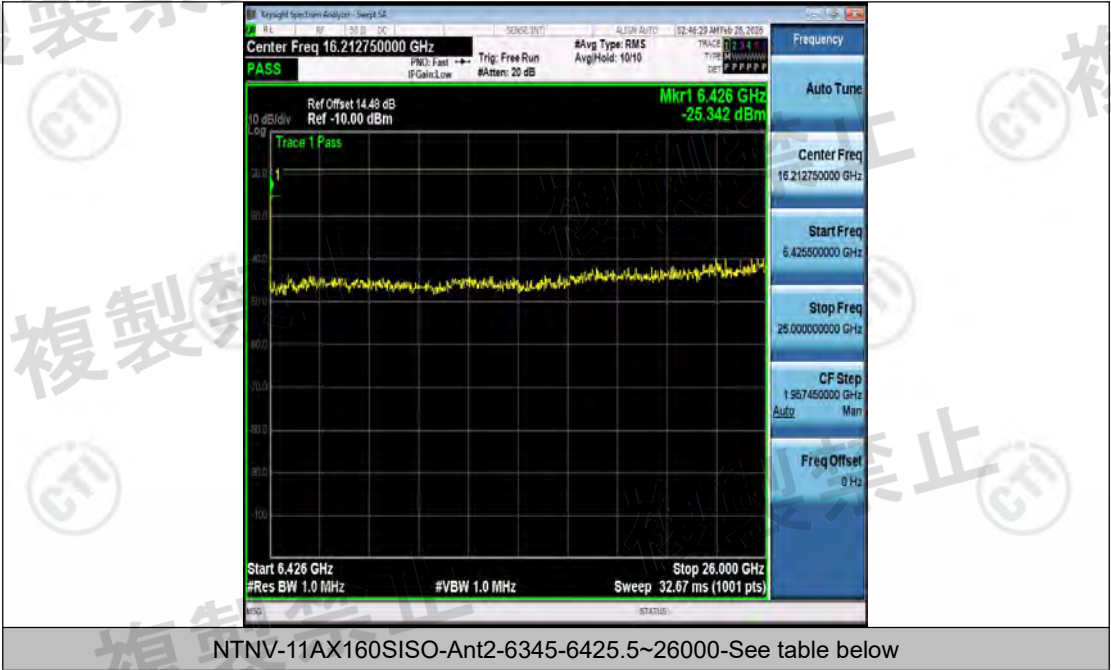


NTNV-11AX80SISO-Ant2-6385-6425~6440.4-See table below

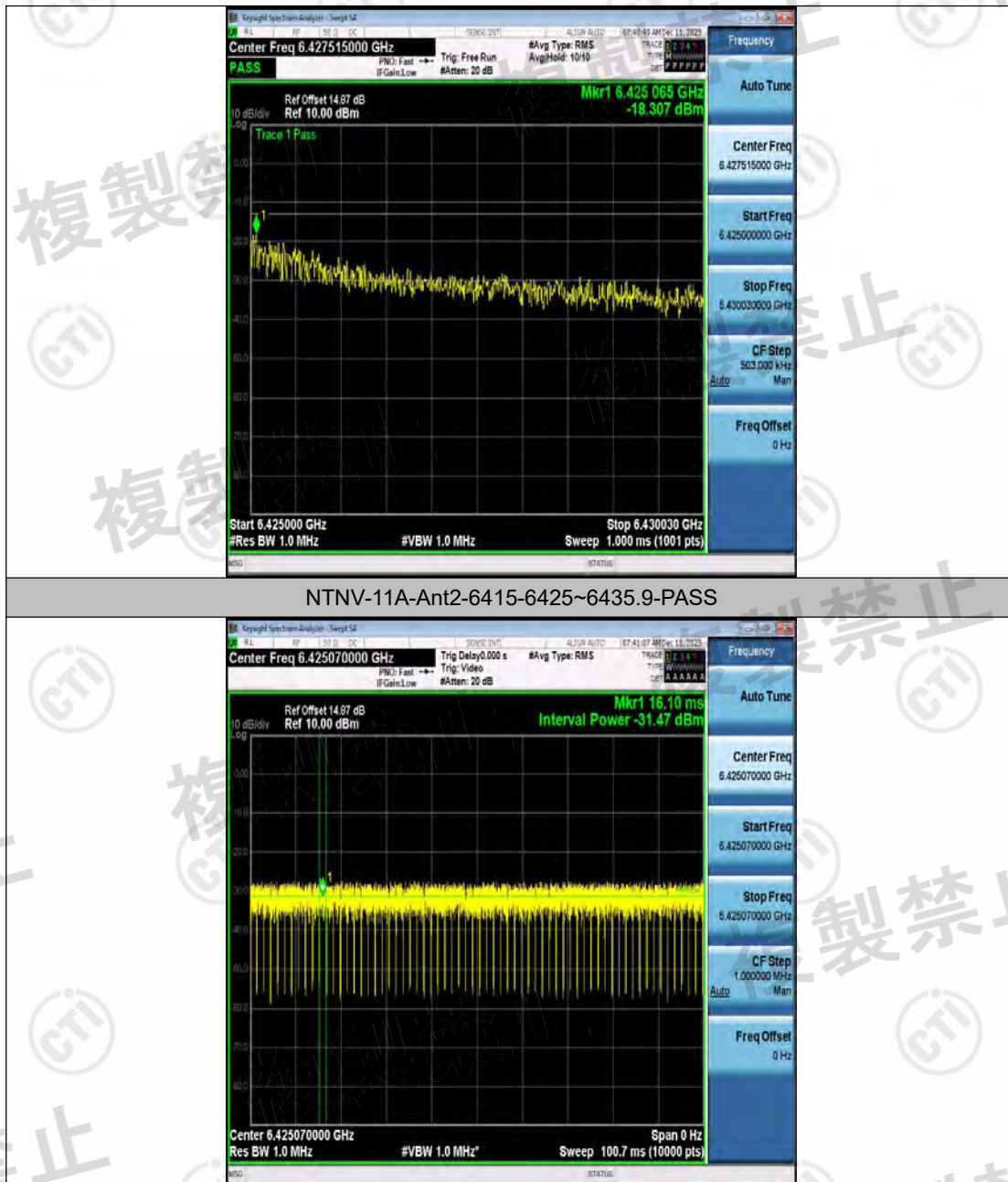


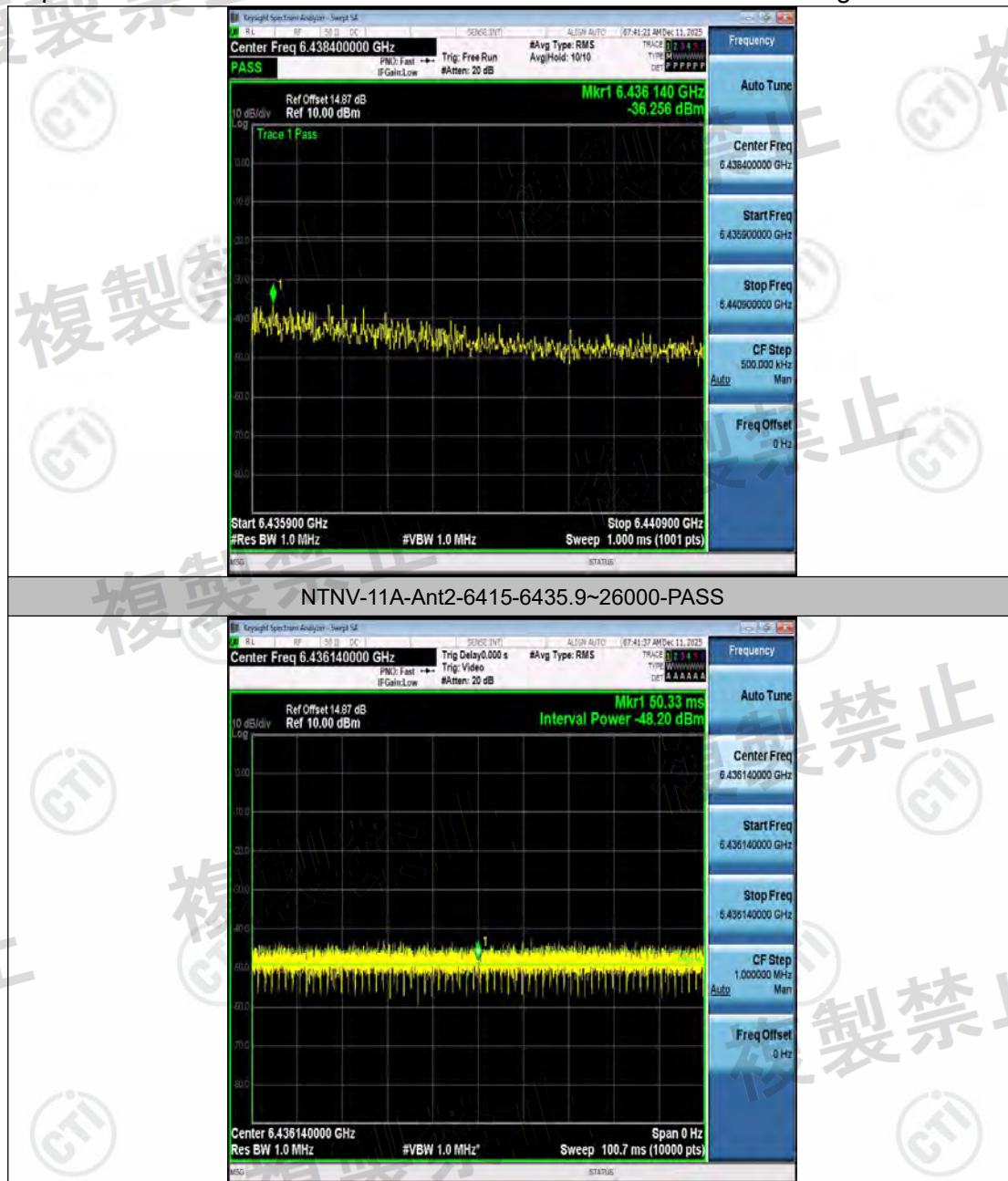
NTNV-11AX80SISO-Ant2-6385-6440.4~26000-PASS

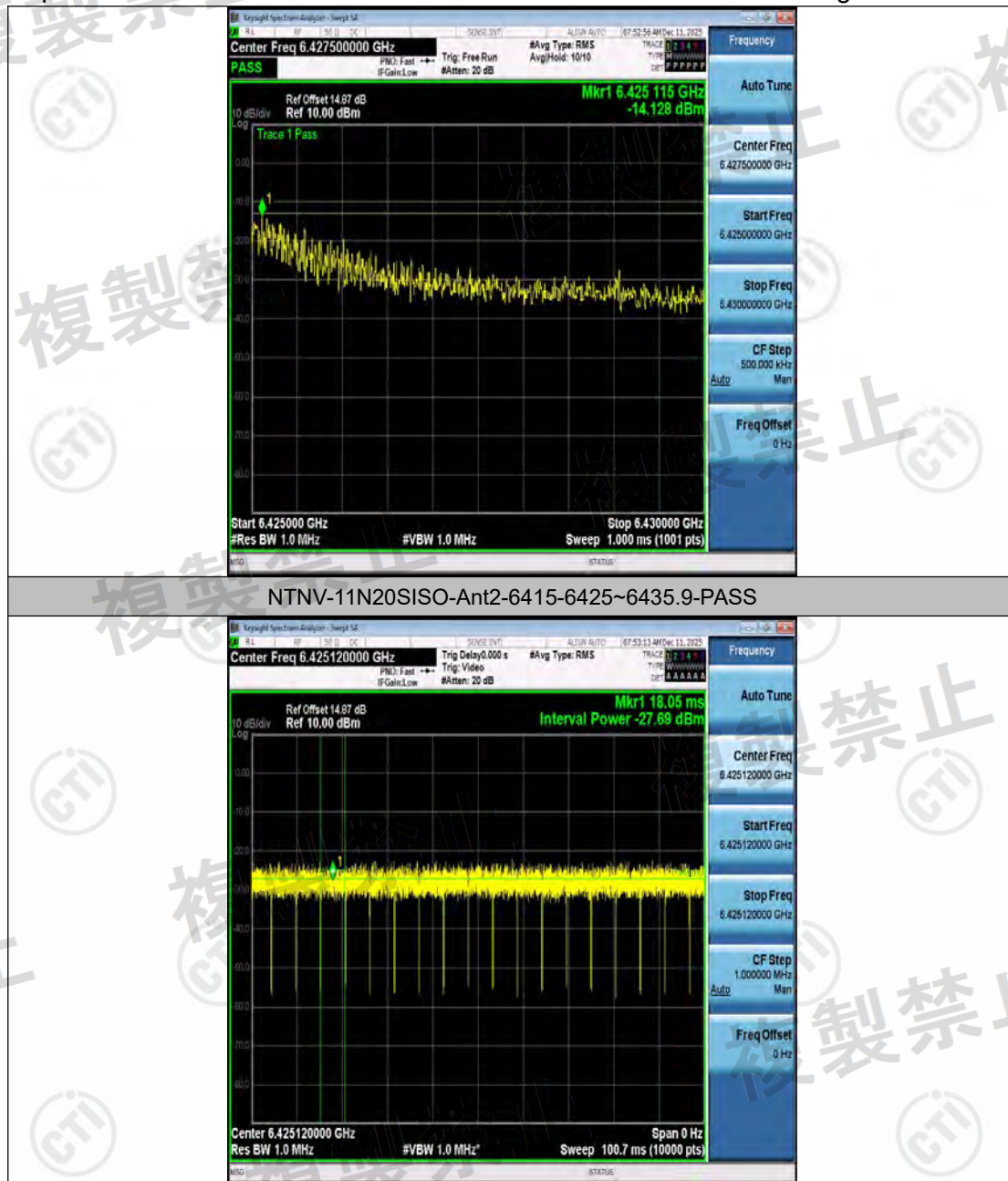


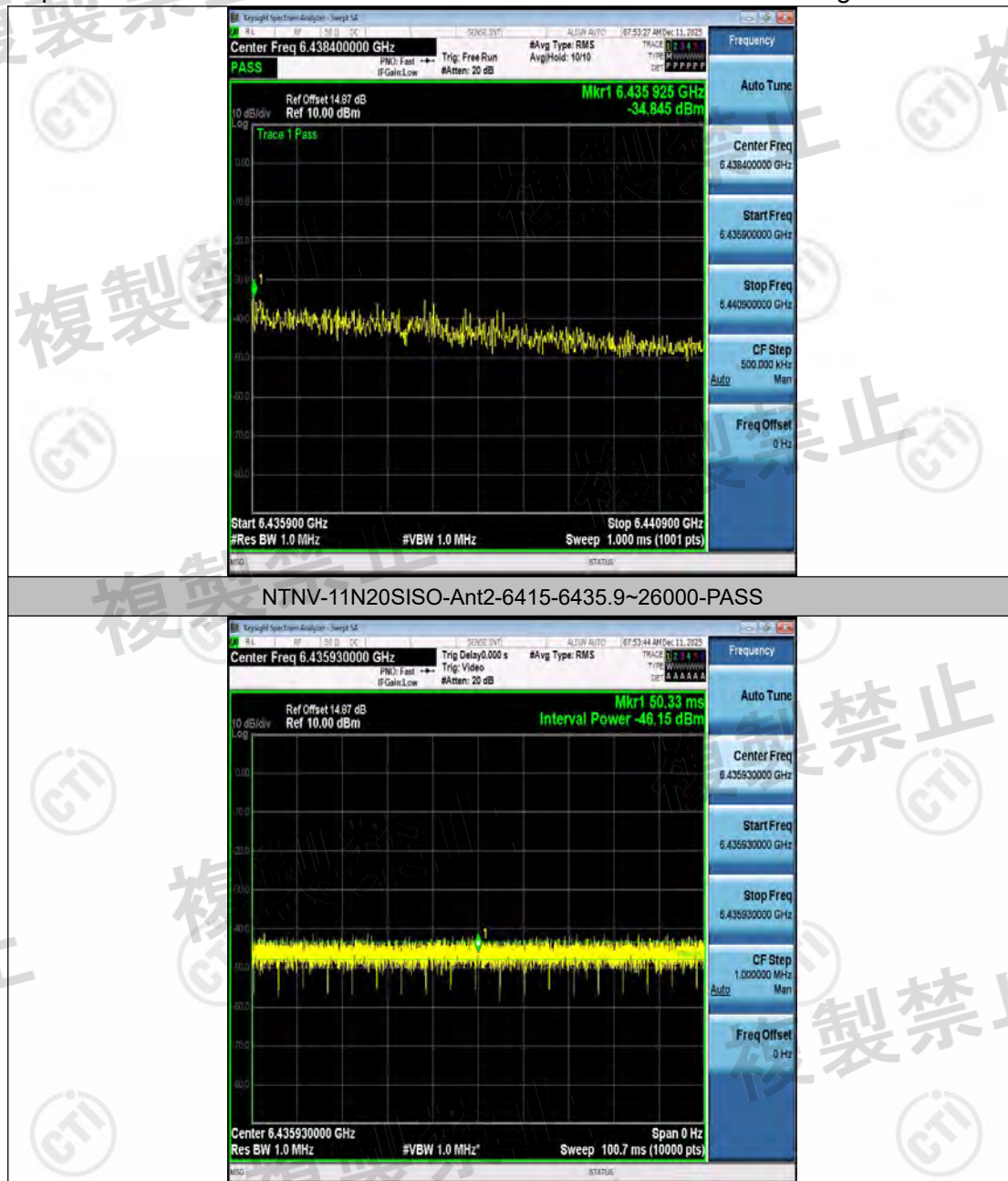


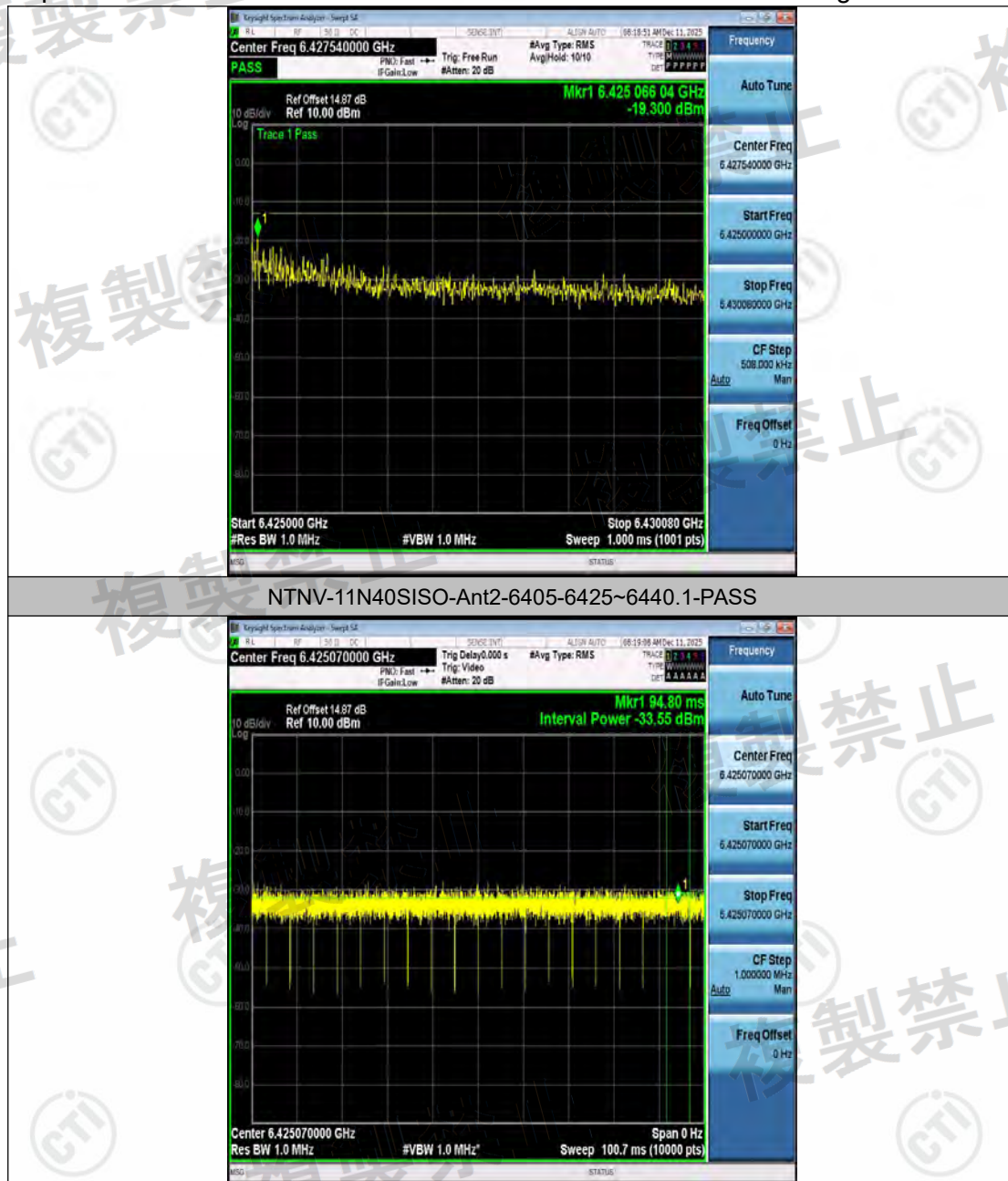
## Test Graphs\_Step2

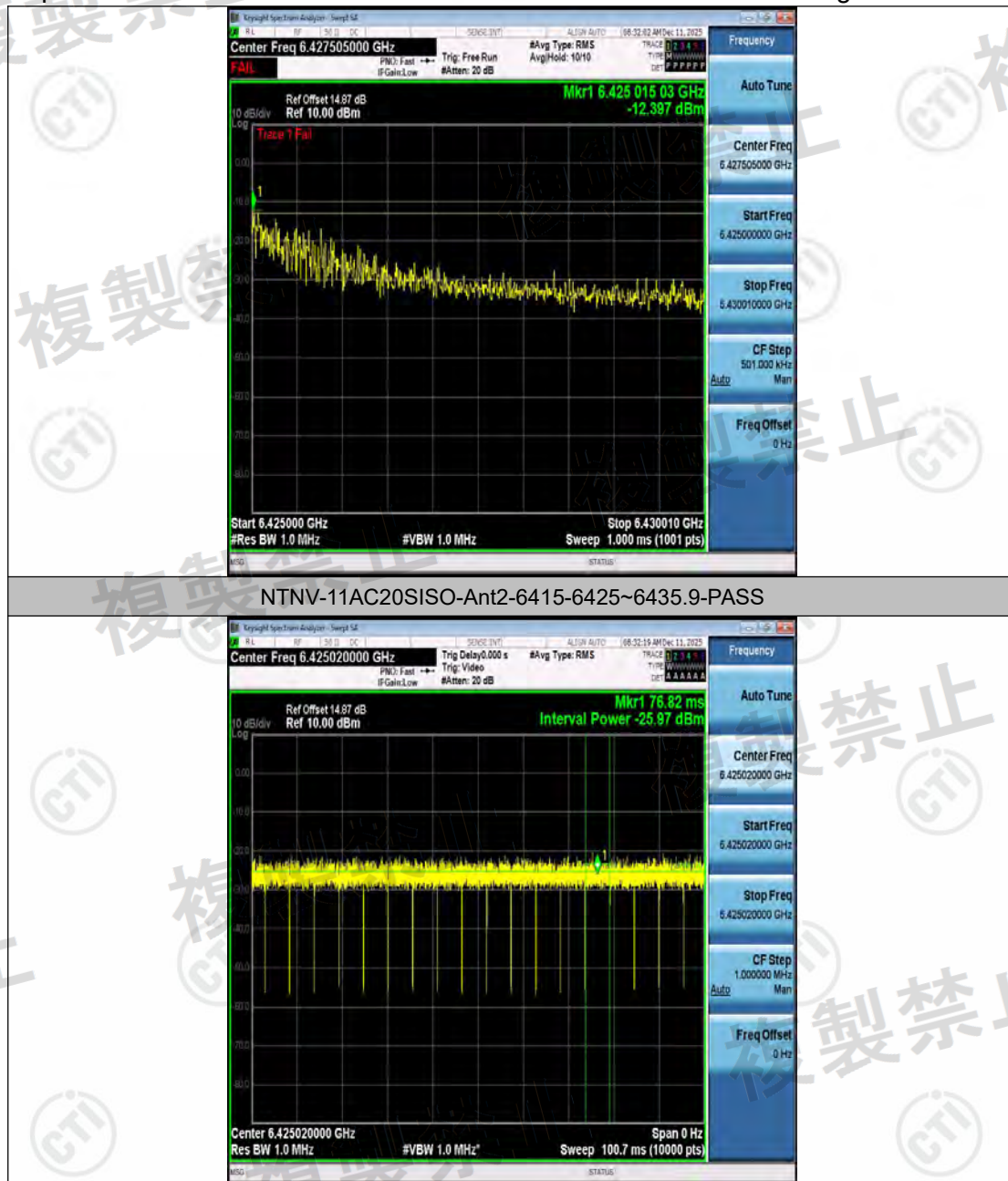


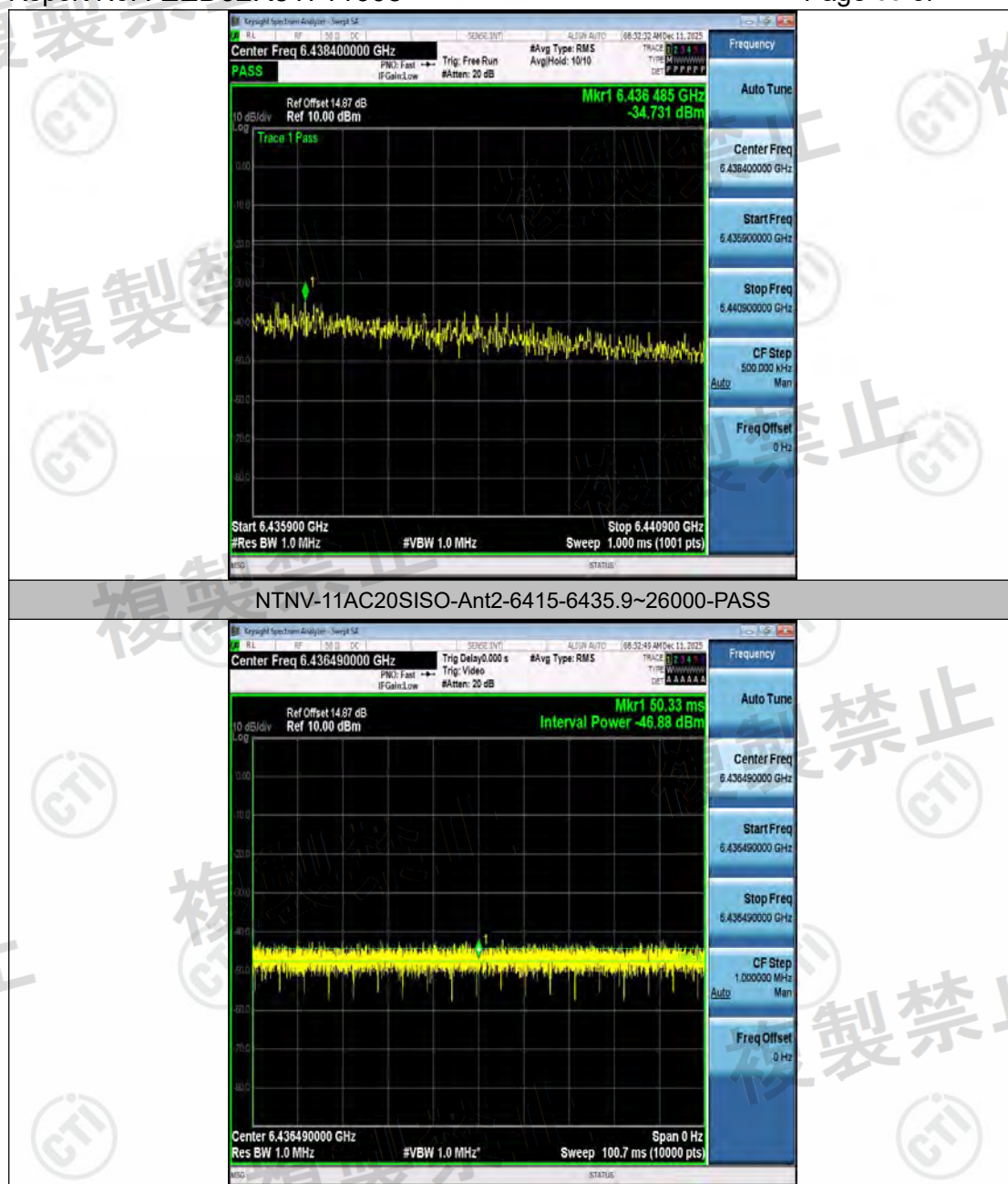




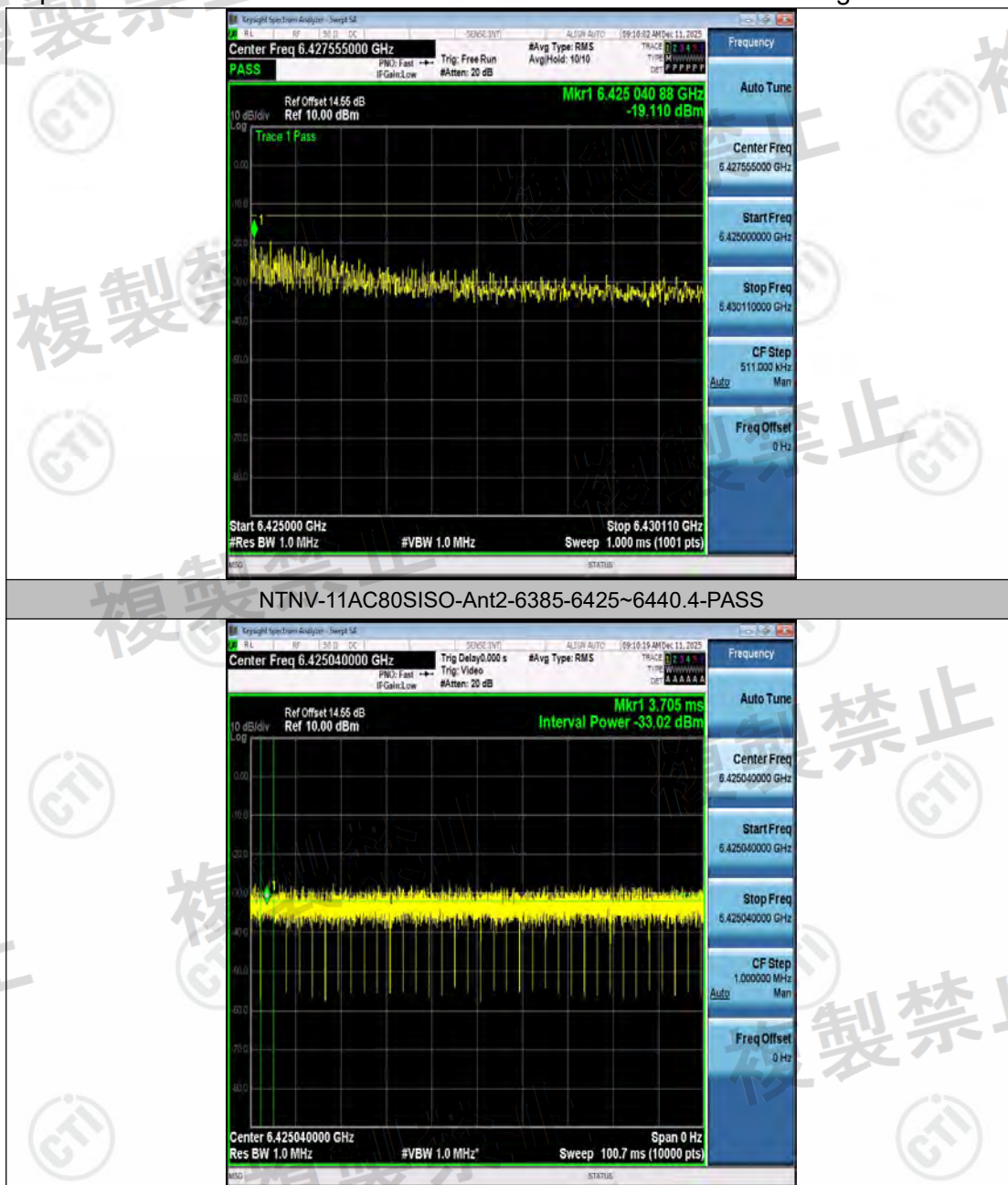


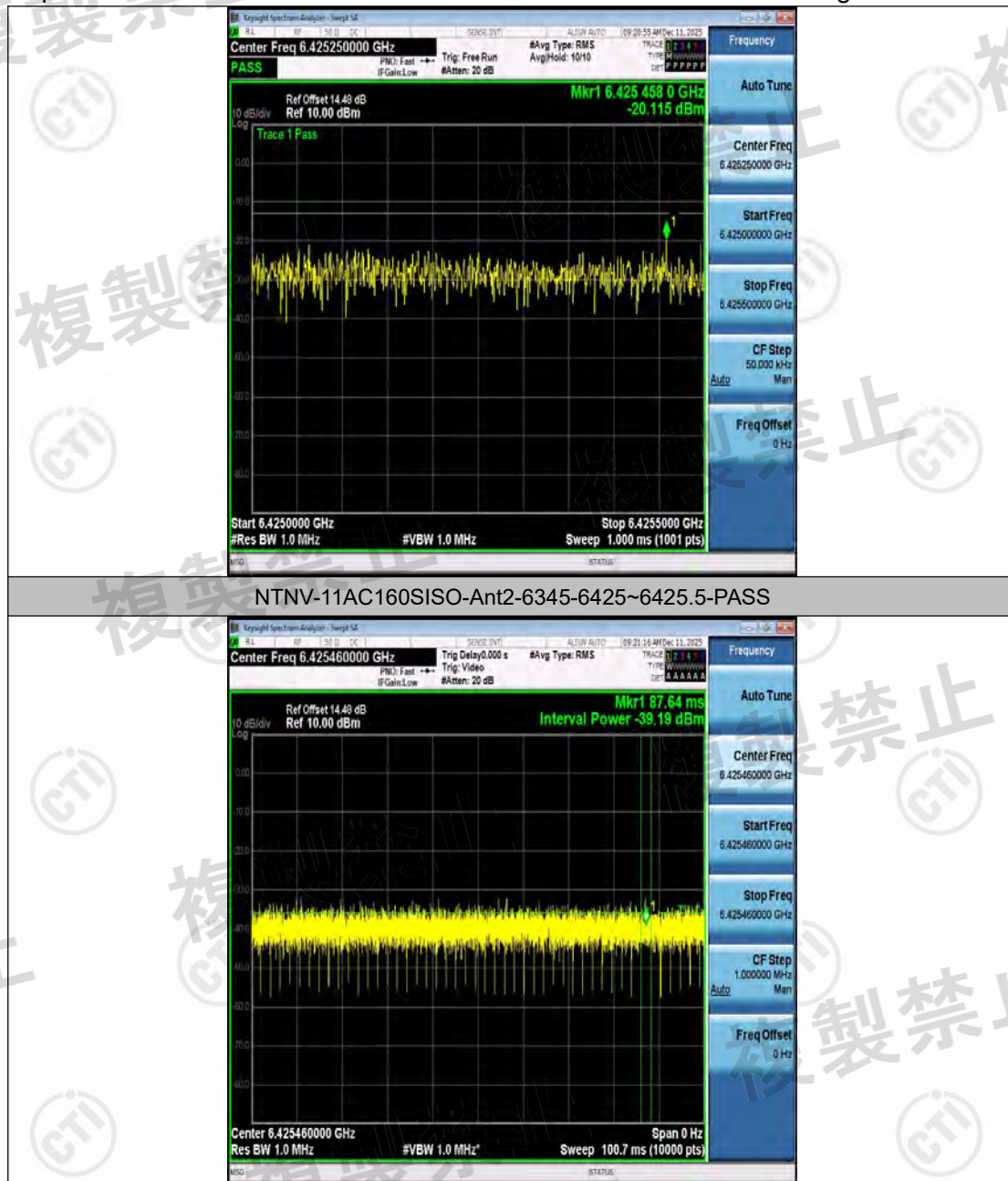


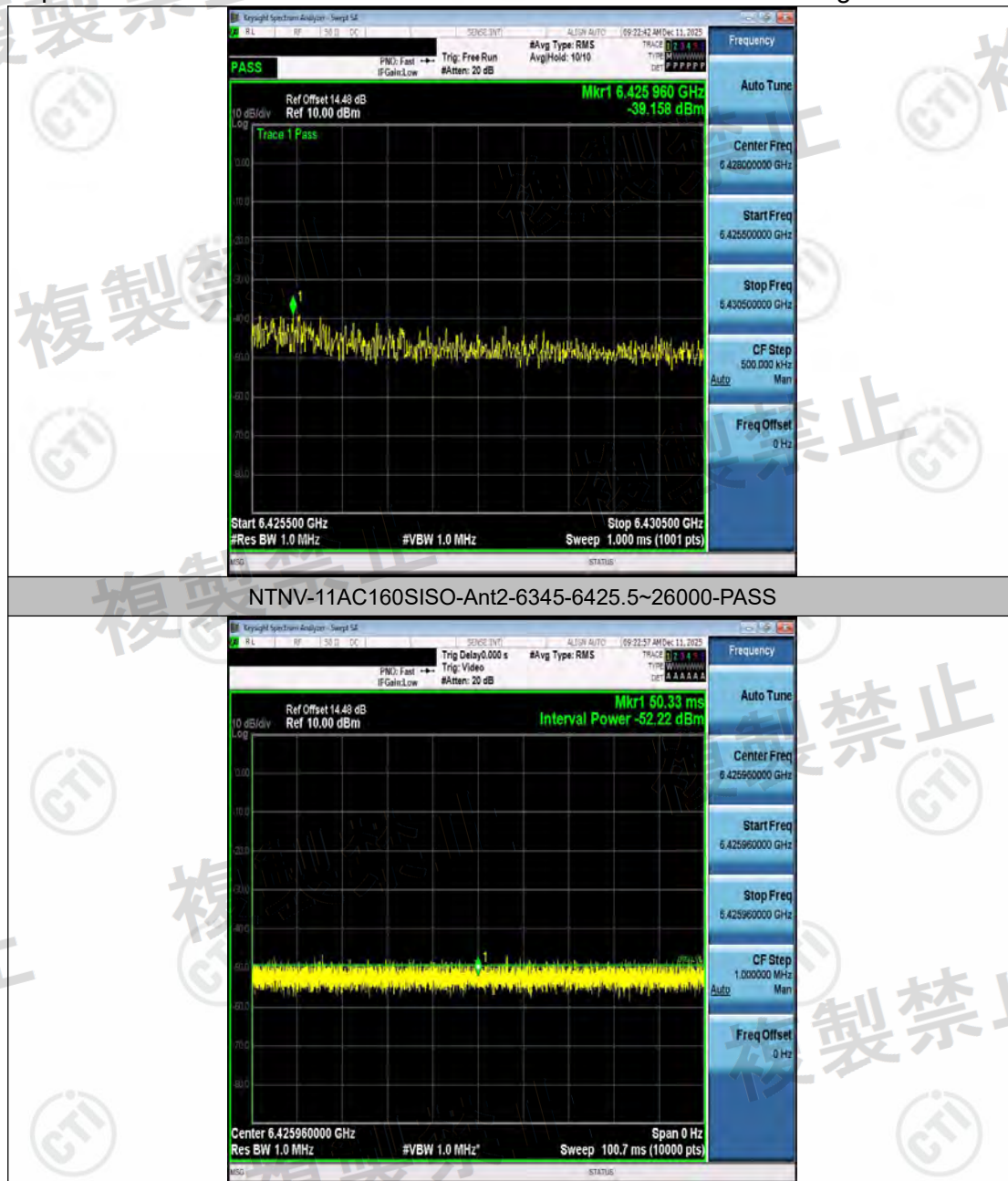


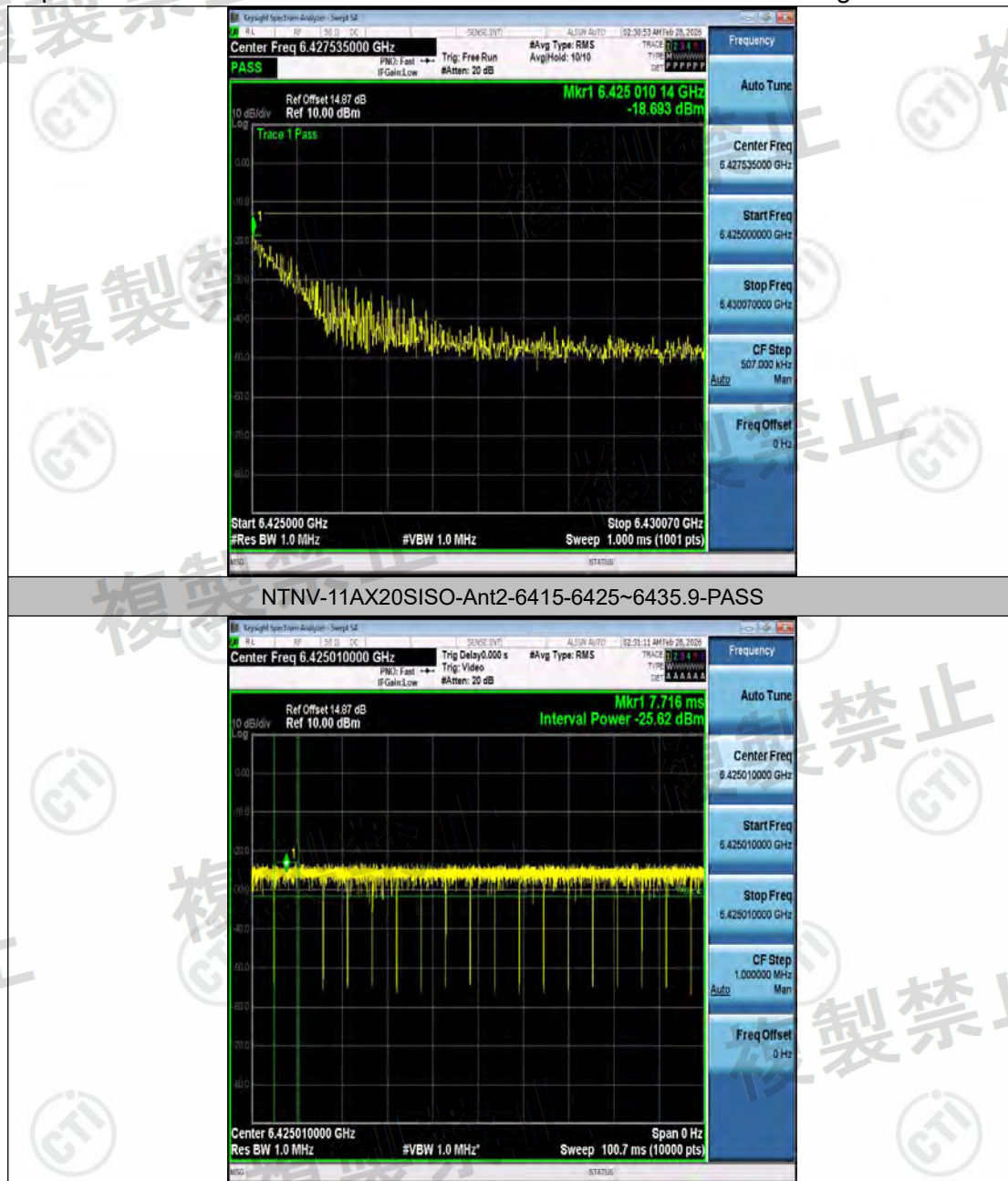


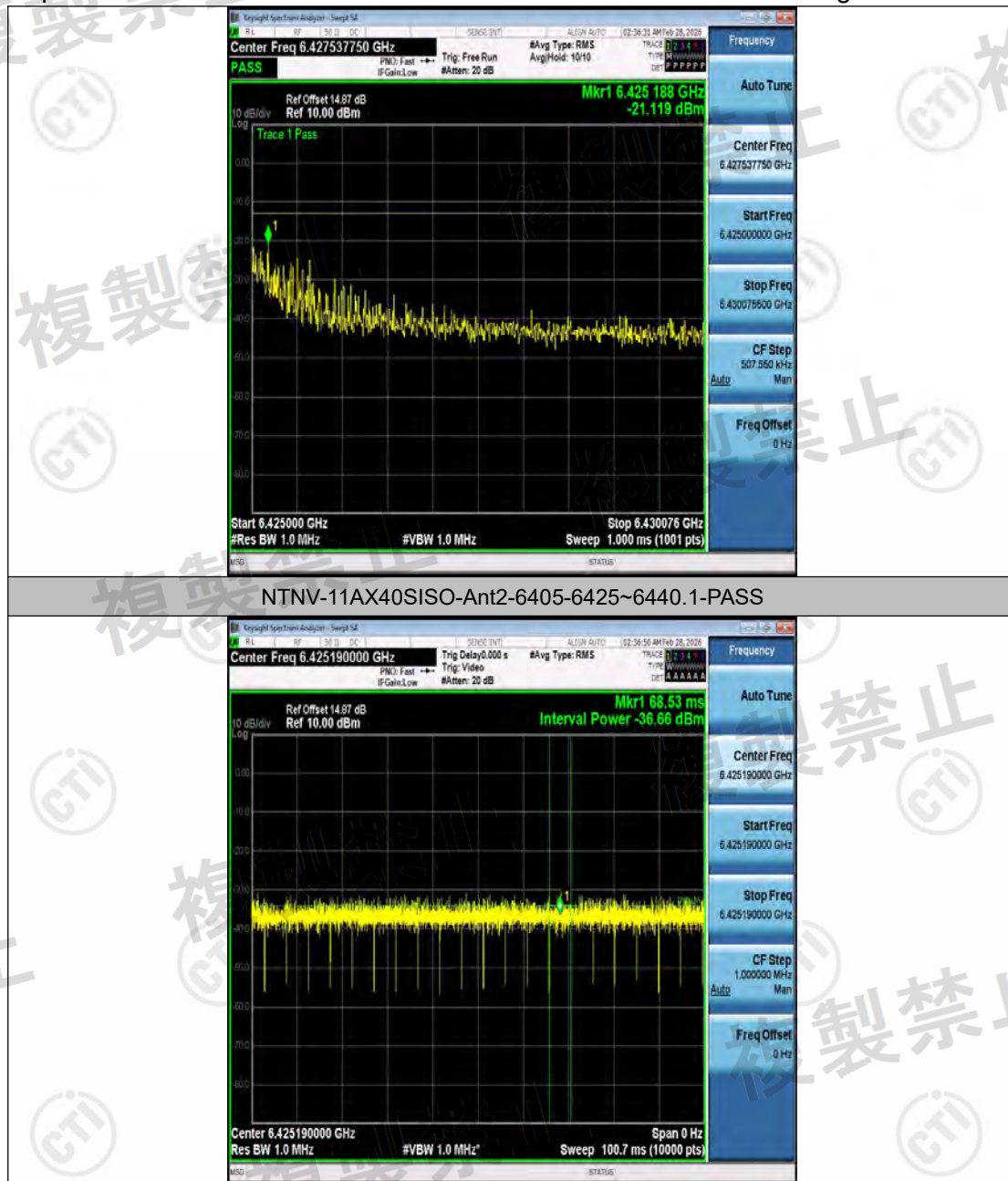


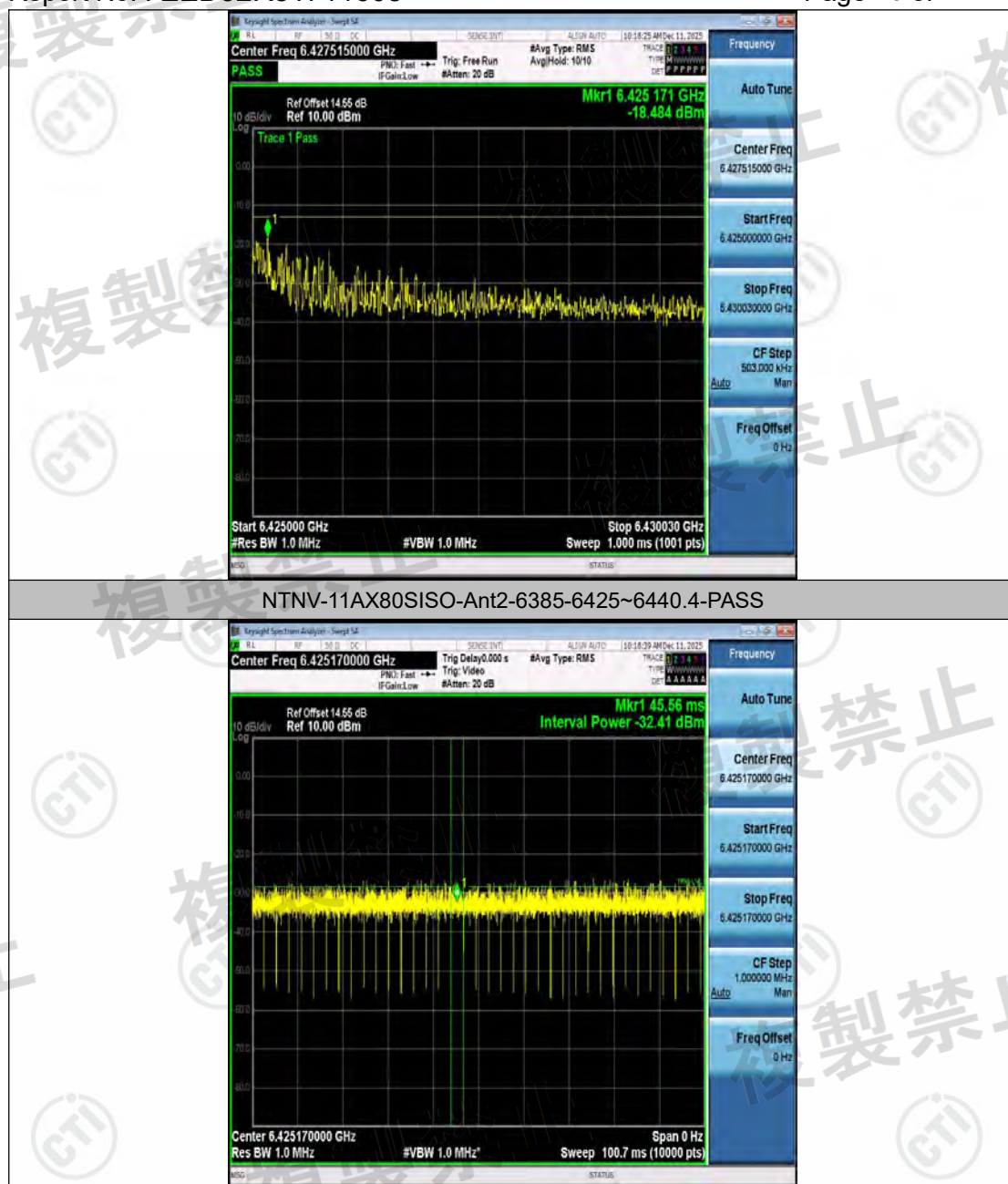


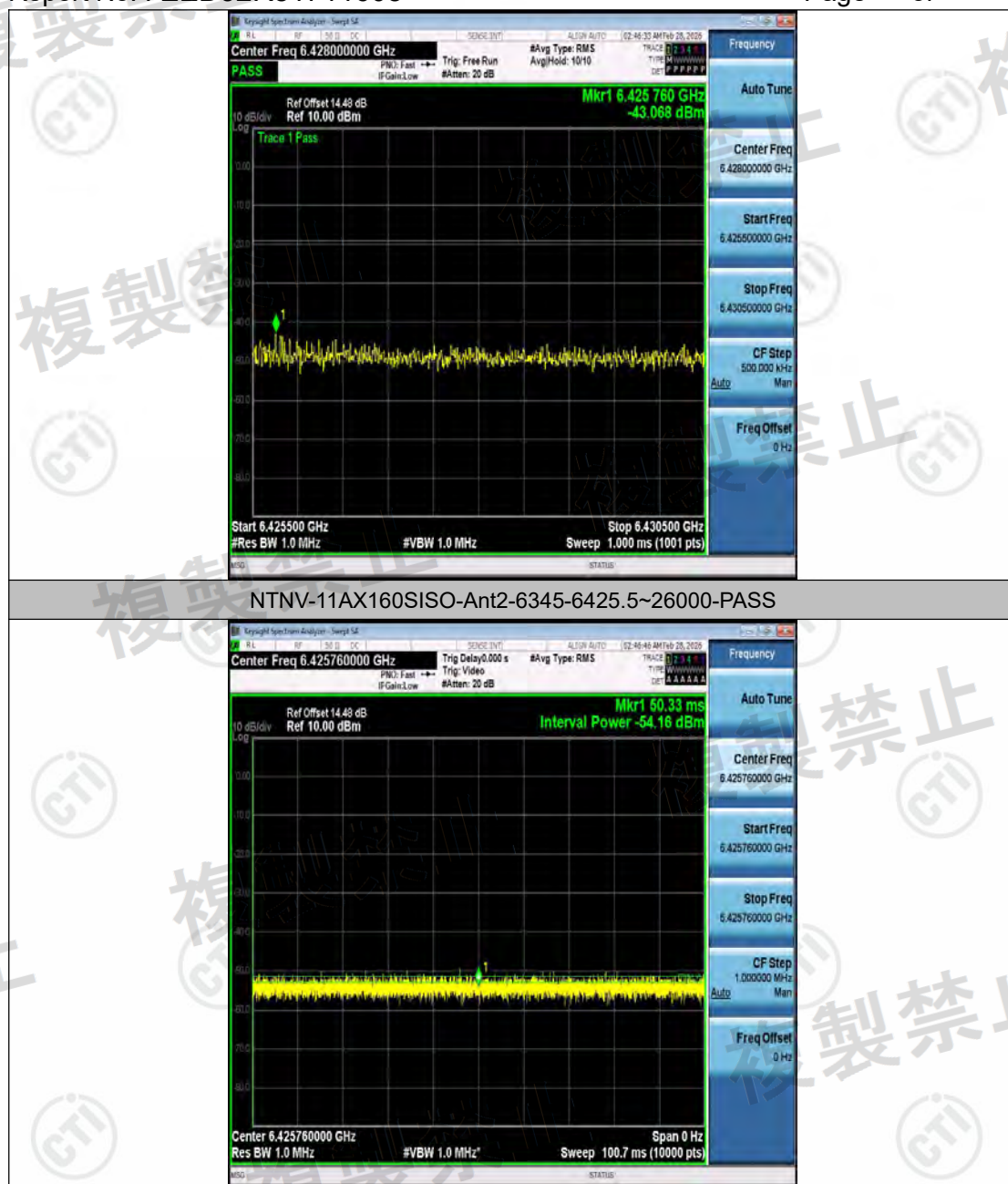












## Appendix F: Secondary Radiated Emission Strength

## Test Result

| TestCondition | TestMode    | Antenna | Channel | Freq.Range [MHz] | Freq. [MHz] | Result [dBm] | Limit [dBm] | Result [nW] | Limit [nW] | Verdict |
|---------------|-------------|---------|---------|------------------|-------------|--------------|-------------|-------------|------------|---------|
| NTNV          | 11A         | Ant1    | 5955    | 30~1000          | 849.77      | -79.91       | ≤-54        | 0.01021     | ≤4         | PASS    |
| NTNV          | 11A         | Ant2    | 5955    | 30~1000          | 851.59      | -78.21       | ≤-54        | 0.01510     | ≤4         | PASS    |
| NTNV          | 11A         | Ant1    | 5955    | 1000~26000       | 23548.63    | -60.97       | ≤-47        | 0.79983     | ≤20        | PASS    |
| NTNV          | 11A         | Ant2    | 5955    | 1000~26000       | 25906.25    | -60.21       | ≤-47        | 0.95280     | ≤20        | PASS    |
| NTNV          | 11A         | Ant1    | 6175    | 30~1000          | 915.00      | -79.47       | ≤-54        | 0.01130     | ≤4         | PASS    |
| NTNV          | 11A         | Ant2    | 6175    | 30~1000          | 997.82      | -78.64       | ≤-54        | 0.01368     | ≤4         | PASS    |
| NTNV          | 11A         | Ant1    | 6175    | 1000~26000       | 24113.66    | -60.71       | ≤-47        | 0.84918     | ≤20        | PASS    |
| NTNV          | 11A         | Ant2    | 6175    | 1000~26000       | 25773.74    | -60.33       | ≤-47        | 0.92683     | ≤20        | PASS    |
| NTNV          | 11A         | Ant1    | 6195    | 30~1000          | 856.20      | -79.35       | ≤-54        | 0.01161     | ≤4         | PASS    |
| NTNV          | 11A         | Ant2    | 6195    | 30~1000          | 670.20      | -78.95       | ≤-54        | 0.01274     | ≤4         | PASS    |
| NTNV          | 11A         | Ant1    | 6195    | 1000~26000       | 22696.08    | -60.59       | ≤-47        | 0.87297     | ≤20        | PASS    |
| NTNV          | 11A         | Ant2    | 6195    | 1000~26000       | 24007.40    | -60.54       | ≤-47        | 0.88308     | ≤20        | PASS    |
| NTNV          | 11A         | Ant1    | 6415    | 30~1000          | 879.60      | -78.51       | ≤-54        | 0.01409     | ≤4         | PASS    |
| NTNV          | 11A         | Ant2    | 6415    | 30~1000          | 908.21      | -78.36       | ≤-54        | 0.01459     | ≤4         | PASS    |
| NTNV          | 11A         | Ant1    | 6415    | 1000~26000       | 25822.49    | -58.48       | ≤-47        | 1.41906     | ≤20        | PASS    |
| NTNV          | 11A         | Ant2    | 6415    | 1000~26000       | 25841.24    | -60.51       | ≤-47        | 0.88920     | ≤20        | PASS    |
| NTNV          | 11AX20S ISO | Ant1    | 5955    | 30~1000          | 736.40      | -79.53       | ≤-54        | 0.01114     | ≤4         | PASS    |
| NTNV          | 11AX20S ISO | Ant2    | 5955    | 30~1000          | 940.35      | -78.74       | ≤-54        | 0.01337     | ≤4         | PASS    |
| NTNV          | 11AX20S ISO | Ant1    | 5955    | 1000~26000       | 25902.50    | -59.99       | ≤-47        | 1.00231     | ≤20        | PASS    |
| NTNV          | 11AX20S ISO | Ant2    | 5955    | 1000~26000       | 23552.38    | -60.45       | ≤-47        | 0.90157     | ≤20        | PASS    |
| NTNV          | 11AX20S ISO | Ant1    | 6175    | 30~1000          | 822.13      | -79.16       | ≤-54        | 0.01213     | ≤4         | PASS    |
| NTNV          | 11AX20S ISO | Ant2    | 6175    | 30~1000          | 970.42      | -78.37       | ≤-54        | 0.01455     | ≤4         | PASS    |
| NTNV          | 11AX20S ISO | Ant1    | 6175    | 1000~26000       | 25847.49    | -60.53       | ≤-47        | 0.88512     | ≤20        | PASS    |
| NTNV          | 11AX20S ISO | Ant2    | 6175    | 1000~26000       | 25444.97    | -60.60       | ≤-47        | 0.87096     | ≤20        | PASS    |
| NTNV          | 11AX20S ISO | Ant1    | 6195    | 30~1000          | 889.30      | -78.49       | ≤-54        | 0.01416     | ≤4         | PASS    |

|      |                |      |      |            |          |        |      |         |     |      |
|------|----------------|------|------|------------|----------|--------|------|---------|-----|------|
| NTNV | 11AX20S<br>ISO | Ant2 | 6195 | 30~1000    | 926.28   | -79.36 | ≤-54 | 0.01159 | ≤4  | PASS |
| NTNV | 11AX20S<br>ISO | Ant1 | 6195 | 1000~26000 | 25623.73 | -60.97 | ≤-47 | 0.79983 | ≤20 | PASS |
| NTNV | 11AX20S<br>ISO | Ant2 | 6195 | 1000~26000 | 24051.15 | -60.81 | ≤-47 | 0.82985 | ≤20 | PASS |
| NTNV | 11AX20S<br>ISO | Ant1 | 6415 | 30~1000    | 940.95   | -78.75 | ≤-54 | 0.01334 | ≤4  | PASS |
| NTNV | 11AX20S<br>ISO | Ant2 | 6415 | 30~1000    | 716.40   | -78.77 | ≤-54 | 0.01327 | ≤4  | PASS |
| NTNV | 11AX20S<br>ISO | Ant1 | 6415 | 1000~26000 | 25948.75 | -59.49 | ≤-47 | 1.12460 | ≤20 | PASS |
| NTNV | 11AX20S<br>ISO | Ant2 | 6415 | 1000~26000 | 24453.67 | -60.12 | ≤-47 | 0.97275 | ≤20 | PASS |
| NTNV | 11AX20M<br>IMO | Ant1 | 5955 | 30~1000    | 928.95   | -79.54 | ≤-54 | 0.01112 | ≤4  | PASS |
| NTNV | 11AX20M<br>IMO | Ant2 | 5955 | 30~1000    | 910.03   | -79.68 | ≤-54 | 0.01076 | ≤4  | PASS |
| NTNV | 11AX20M<br>IMO | Ant1 | 5955 | 1000~26000 | 24522.43 | -60.86 | ≤-47 | 0.82035 | ≤20 | PASS |
| NTNV | 11AX20M<br>IMO | Ant2 | 5955 | 1000~26000 | 23561.13 | -60.99 | ≤-47 | 0.79616 | ≤20 | PASS |
| NTNV | 11AX20M<br>IMO | Ant1 | 6175 | 30~1000    | 898.03   | -78.22 | ≤-54 | 0.01507 | ≤4  | PASS |
| NTNV | 11AX20M<br>IMO | Ant2 | 6175 | 30~1000    | 233.22   | -79.43 | ≤-54 | 0.01140 | ≤4  | PASS |
| NTNV | 11AX20M<br>IMO | Ant1 | 6175 | 1000~26000 | 24083.65 | -60.31 | ≤-47 | 0.93111 | ≤20 | PASS |
| NTNV | 11AX20M<br>IMO | Ant2 | 6175 | 1000~26000 | 25986.25 | -60.50 | ≤-47 | 0.89125 | ≤20 | PASS |
| NTNV | 11AX20M<br>IMO | Ant1 | 6195 | 30~1000    | 920.10   | -79.19 | ≤-54 | 0.01205 | ≤4  | PASS |
| NTNV | 11AX20M<br>IMO | Ant2 | 6195 | 30~1000    | 774.35   | -79.06 | ≤-54 | 0.01242 | ≤4  | PASS |
| NTNV | 11AX20M<br>IMO | Ant1 | 6195 | 1000~26000 | 25353.72 | -61.10 | ≤-47 | 0.77625 | ≤20 | PASS |
| NTNV | 11AX20M<br>IMO | Ant2 | 6195 | 1000~26000 | 23852.39 | -60.55 | ≤-47 | 0.88105 | ≤20 | PASS |
| NTNV | 11AX20M<br>IMO | Ant1 | 6415 | 30~1000    | 815.46   | -78.40 | ≤-54 | 0.01445 | ≤4  | PASS |
| NTNV | 11AX20M<br>IMO | Ant2 | 6415 | 30~1000    | 876.08   | -78.73 | ≤-54 | 0.01340 | ≤4  | PASS |

|      |                |      |      |            |          |        |      |         |     |      |
|------|----------------|------|------|------------|----------|--------|------|---------|-----|------|
| NTNV | 11AX20M<br>IMO | Ant1 | 6415 | 1000~26000 | 23688.63 | -60.10 | ≤-47 | 0.97724 | ≤20 | PASS |
| NTNV | 11AX20M<br>IMO | Ant2 | 6415 | 1000~26000 | 23649.88 | -59.92 | ≤-47 | 1.01859 | ≤20 | PASS |
| NTNV | 11AX40S<br>ISO | Ant1 | 5965 | 30~1000    | 889.30   | -79.46 | ≤-54 | 0.01132 | ≤4  | PASS |
| NTNV | 11AX40S<br>ISO | Ant2 | 5965 | 30~1000    | 884.21   | -79.57 | ≤-54 | 0.01104 | ≤4  | PASS |
| NTNV | 11AX40S<br>ISO | Ant1 | 5965 | 1000~26000 | 25366.22 | -60.38 | ≤-47 | 0.91622 | ≤20 | PASS |
| NTNV | 11AX40S<br>ISO | Ant2 | 5965 | 1000~26000 | 25672.48 | -59.91 | ≤-47 | 1.02094 | ≤20 | PASS |
| NTNV | 11AX40S<br>ISO | Ant1 | 6165 | 30~1000    | 843.95   | -78.57 | ≤-54 | 0.01390 | ≤4  | PASS |
| NTNV | 11AX40S<br>ISO | Ant2 | 6165 | 30~1000    | 912.58   | -79.25 | ≤-54 | 0.01189 | ≤4  | PASS |
| NTNV | 11AX40S<br>ISO | Ant1 | 6165 | 1000~26000 | 25877.49 | -59.31 | ≤-47 | 1.17220 | ≤20 | PASS |
| NTNV | 11AX40S<br>ISO | Ant2 | 6165 | 1000~26000 | 25447.47 | -60.26 | ≤-47 | 0.94189 | ≤20 | PASS |
| NTNV | 11AX40S<br>ISO | Ant1 | 6205 | 30~1000    | 834.13   | -78.45 | ≤-54 | 0.01429 | ≤4  | PASS |
| NTNV | 11AX40S<br>ISO | Ant2 | 6205 | 30~1000    | 864.56   | -78.67 | ≤-54 | 0.01358 | ≤4  | PASS |
| NTNV | 11AX40S<br>ISO | Ant1 | 6205 | 1000~26000 | 25907.50 | -60.47 | ≤-47 | 0.89743 | ≤20 | PASS |
| NTNV | 11AX40S<br>ISO | Ant2 | 6205 | 1000~26000 | 25905.00 | -60.12 | ≤-47 | 0.97275 | ≤20 | PASS |
| NTNV | 11AX40S<br>ISO | Ant1 | 6405 | 30~1000    | 846.38   | -78.63 | ≤-54 | 0.01371 | ≤4  | PASS |
| NTNV | 11AX40S<br>ISO | Ant2 | 6405 | 30~1000    | 908.46   | -78.86 | ≤-54 | 0.01300 | ≤4  | PASS |
| NTNV | 11AX40S<br>ISO | Ant1 | 6405 | 1000~26000 | 25901.25 | -59.31 | ≤-47 | 1.17220 | ≤20 | PASS |
| NTNV | 11AX40S<br>ISO | Ant2 | 6405 | 1000~26000 | 24413.67 | -60.48 | ≤-47 | 0.89536 | ≤20 | PASS |
| NTNV | 11AX40M<br>IMO | Ant1 | 5965 | 30~1000    | 720.03   | -79.49 | ≤-54 | 0.01125 | ≤4  | PASS |
| NTNV | 11AX40M<br>IMO | Ant2 | 5965 | 30~1000    | 806.97   | -79.24 | ≤-54 | 0.01191 | ≤4  | PASS |
| NTNV | 11AX40M<br>IMO | Ant1 | 5965 | 1000~26000 | 25756.24 | -60.97 | ≤-47 | 0.79983 | ≤20 | PASS |

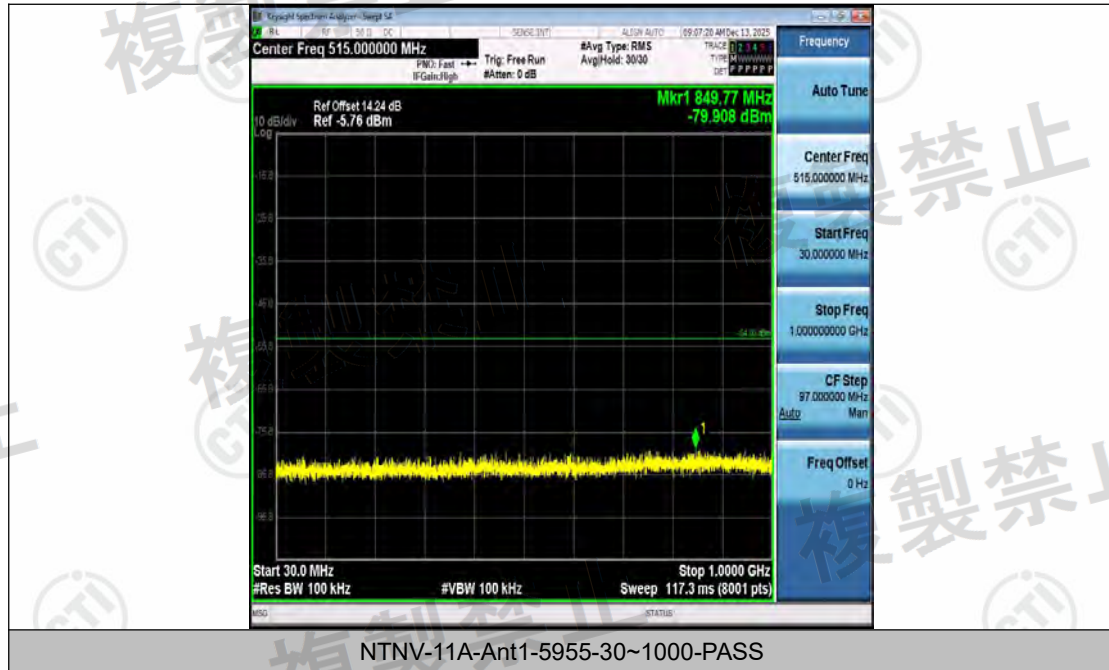
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|------|----------------|------|------|------------|----------|--------|------|---------|-----|------|
| NTNV | 11AX40M<br>IMO | Ant2 | 5965 | 1000~26000 | 25906.25 | -61.02 | ≤-47 | 0.79068 | ≤20 | PASS |
| NTNV | 11AX40M<br>IMO | Ant1 | 6165 | 30~1000    | 854.74   | -77.94 | ≤-54 | 0.01607 | ≤4  | PASS |
| NTNV | 11AX40M<br>IMO | Ant2 | 6165 | 30~1000    | 620.61   | -78.52 | ≤-54 | 0.01406 | ≤4  | PASS |
| NTNV | 11AX40M<br>IMO | Ant1 | 6165 | 1000~26000 | 25696.23 | -59.66 | ≤-47 | 1.08143 | ≤20 | PASS |
| NTNV | 11AX40M<br>IMO | Ant2 | 6165 | 1000~26000 | 25546.23 | -59.95 | ≤-47 | 1.01158 | ≤20 | PASS |
| NTNV | 11AX40M<br>IMO | Ant1 | 6205 | 30~1000    | 772.17   | -79.14 | ≤-54 | 0.01219 | ≤4  | PASS |
| NTNV | 11AX40M<br>IMO | Ant2 | 6205 | 30~1000    | 917.31   | -79.46 | ≤-54 | 0.01132 | ≤4  | PASS |
| NTNV | 11AX40M<br>IMO | Ant1 | 6205 | 1000~26000 | 25998.75 | -60.64 | ≤-47 | 0.86298 | ≤20 | PASS |
| NTNV | 11AX40M<br>IMO | Ant2 | 6205 | 1000~26000 | 25646.23 | -60.57 | ≤-47 | 0.87700 | ≤20 | PASS |
| NTNV | 11AX40M<br>IMO | Ant1 | 6405 | 30~1000    | 890.15   | -79.10 | ≤-54 | 0.01230 | ≤4  | PASS |
| NTNV | 11AX40M<br>IMO | Ant2 | 6405 | 30~1000    | 916.34   | -78.38 | ≤-54 | 0.01452 | ≤4  | PASS |
| NTNV | 11AX40M<br>IMO | Ant1 | 6405 | 1000~26000 | 25862.49 | -59.63 | ≤-47 | 1.08893 | ≤20 | PASS |
| NTNV | 11AX40M<br>IMO | Ant2 | 6405 | 1000~26000 | 25955.00 | -60.33 | ≤-47 | 0.92683 | ≤20 | PASS |
| NTNV | 11AX80S<br>ISO | Ant1 | 5985 | 30~1000    | 924.83   | -79.64 | ≤-54 | 0.01086 | ≤4  | PASS |
| NTNV | 11AX80S<br>ISO | Ant2 | 5985 | 30~1000    | 880.33   | -80.10 | ≤-54 | 0.00977 | ≤4  | PASS |
| NTNV | 11AX80S<br>ISO | Ant1 | 5985 | 1000~26000 | 25886.24 | -60.91 | ≤-47 | 0.81096 | ≤20 | PASS |
| NTNV | 11AX80S<br>ISO | Ant2 | 5985 | 1000~26000 | 25960.00 | -60.34 | ≤-47 | 0.92470 | ≤20 | PASS |
| NTNV | 11AX80S<br>ISO | Ant1 | 6145 | 30~1000    | 874.75   | -78.57 | ≤-54 | 0.01390 | ≤4  | PASS |
| NTNV | 11AX80S<br>ISO | Ant2 | 6145 | 30~1000    | 912.34   | -78.91 | ≤-54 | 0.01285 | ≤4  | PASS |
| NTNV | 11AX80S<br>ISO | Ant1 | 6145 | 1000~26000 | 25257.46 | -60.89 | ≤-47 | 0.81470 | ≤20 | PASS |
| NTNV | 11AX80S<br>ISO | Ant2 | 6145 | 1000~26000 | 25484.97 | -60.35 | ≤-47 | 0.92257 | ≤20 | PASS |

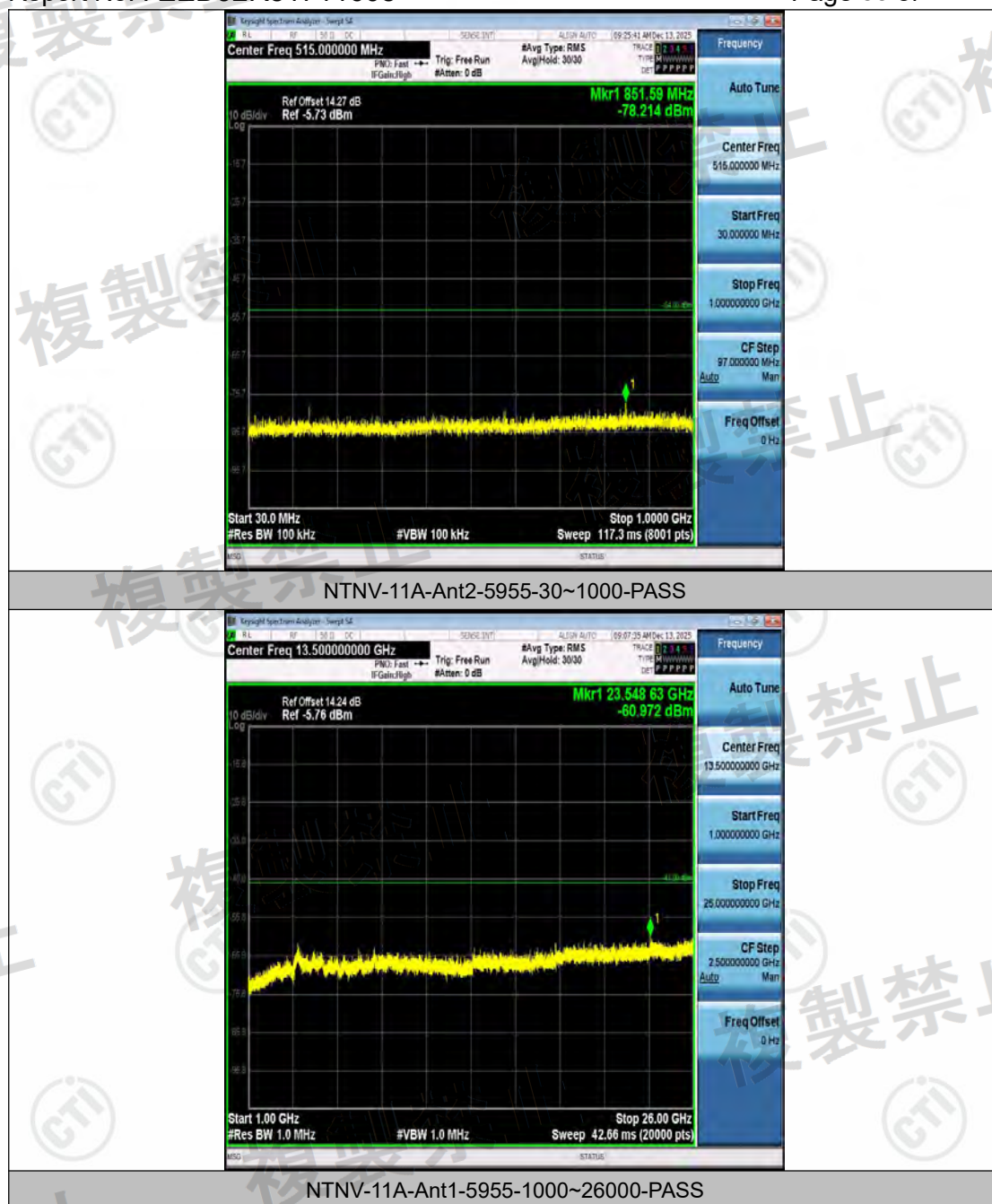
|      |                |      |      |            |          |        |      |         |     |      |
|------|----------------|------|------|------------|----------|--------|------|---------|-----|------|
| NTNV | 11AX80S<br>ISO | Ant1 | 6225 | 30~1000    | 862.26   | -78.96 | ≤-54 | 0.01271 | ≤4  | PASS |
| NTNV | 11AX80S<br>ISO | Ant2 | 6225 | 30~1000    | 720.16   | -79.51 | ≤-54 | 0.01119 | ≤4  | PASS |
| NTNV | 11AX80S<br>ISO | Ant1 | 6225 | 1000~26000 | 23948.65 | -61.00 | ≤-47 | 0.79433 | ≤20 | PASS |
| NTNV | 11AX80S<br>ISO | Ant2 | 6225 | 1000~26000 | 18858.39 | -60.70 | ≤-47 | 0.85114 | ≤20 | PASS |
| NTNV | 11AX80S<br>ISO | Ant1 | 6385 | 30~1000    | 880.93   | -79.24 | ≤-54 | 0.01191 | ≤4  | PASS |
| NTNV | 11AX80S<br>ISO | Ant2 | 6385 | 30~1000    | 473.53   | -79.47 | ≤-54 | 0.01130 | ≤4  | PASS |
| NTNV | 11AX80S<br>ISO | Ant1 | 6385 | 1000~26000 | 25701.24 | -59.80 | ≤-47 | 1.04713 | ≤20 | PASS |
| NTNV | 11AX80S<br>ISO | Ant2 | 6385 | 1000~26000 | 5787.74  | -59.73 | ≤-47 | 1.06414 | ≤20 | PASS |
| NTNV | 11AX80M<br>IMO | Ant1 | 5985 | 30~1000    | 746.35   | -79.28 | ≤-54 | 0.01180 | ≤4  | PASS |
| NTNV | 11AX80M<br>IMO | Ant2 | 5985 | 30~1000    | 750.95   | -79.43 | ≤-54 | 0.01140 | ≤4  | PASS |
| NTNV | 11AX80M<br>IMO | Ant1 | 5985 | 1000~26000 | 25940.00 | -61.13 | ≤-47 | 0.77090 | ≤20 | PASS |
| NTNV | 11AX80M<br>IMO | Ant2 | 5985 | 1000~26000 | 25379.97 | -60.61 | ≤-47 | 0.86896 | ≤20 | PASS |
| NTNV | 11AX80M<br>IMO | Ant1 | 6145 | 30~1000    | 717.85   | -79.11 | ≤-54 | 0.01227 | ≤4  | PASS |
| NTNV | 11AX80M<br>IMO | Ant2 | 6145 | 30~1000    | 901.91   | -78.65 | ≤-54 | 0.01365 | ≤4  | PASS |
| NTNV | 11AX80M<br>IMO | Ant1 | 6145 | 1000~26000 | 25856.24 | -61.00 | ≤-47 | 0.79433 | ≤20 | PASS |
| NTNV | 11AX80M<br>IMO | Ant2 | 6145 | 1000~26000 | 25824.99 | -59.23 | ≤-47 | 1.19399 | ≤20 | PASS |
| NTNV | 11AX80M<br>IMO | Ant1 | 6225 | 30~1000    | 953.68   | -78.78 | ≤-54 | 0.01324 | ≤4  | PASS |
| NTNV | 11AX80M<br>IMO | Ant2 | 6225 | 30~1000    | 801.27   | -78.58 | ≤-54 | 0.01387 | ≤4  | PASS |
| NTNV | 11AX80M<br>IMO | Ant1 | 6225 | 1000~26000 | 25930.00 | -60.37 | ≤-47 | 0.91833 | ≤20 | PASS |
| NTNV | 11AX80M<br>IMO | Ant2 | 6225 | 1000~26000 | 23678.63 | -60.49 | ≤-47 | 0.89331 | ≤20 | PASS |
| NTNV | 11AX80M<br>IMO | Ant1 | 6385 | 30~1000    | 821.28   | -79.08 | ≤-54 | 0.01236 | ≤4  | PASS |

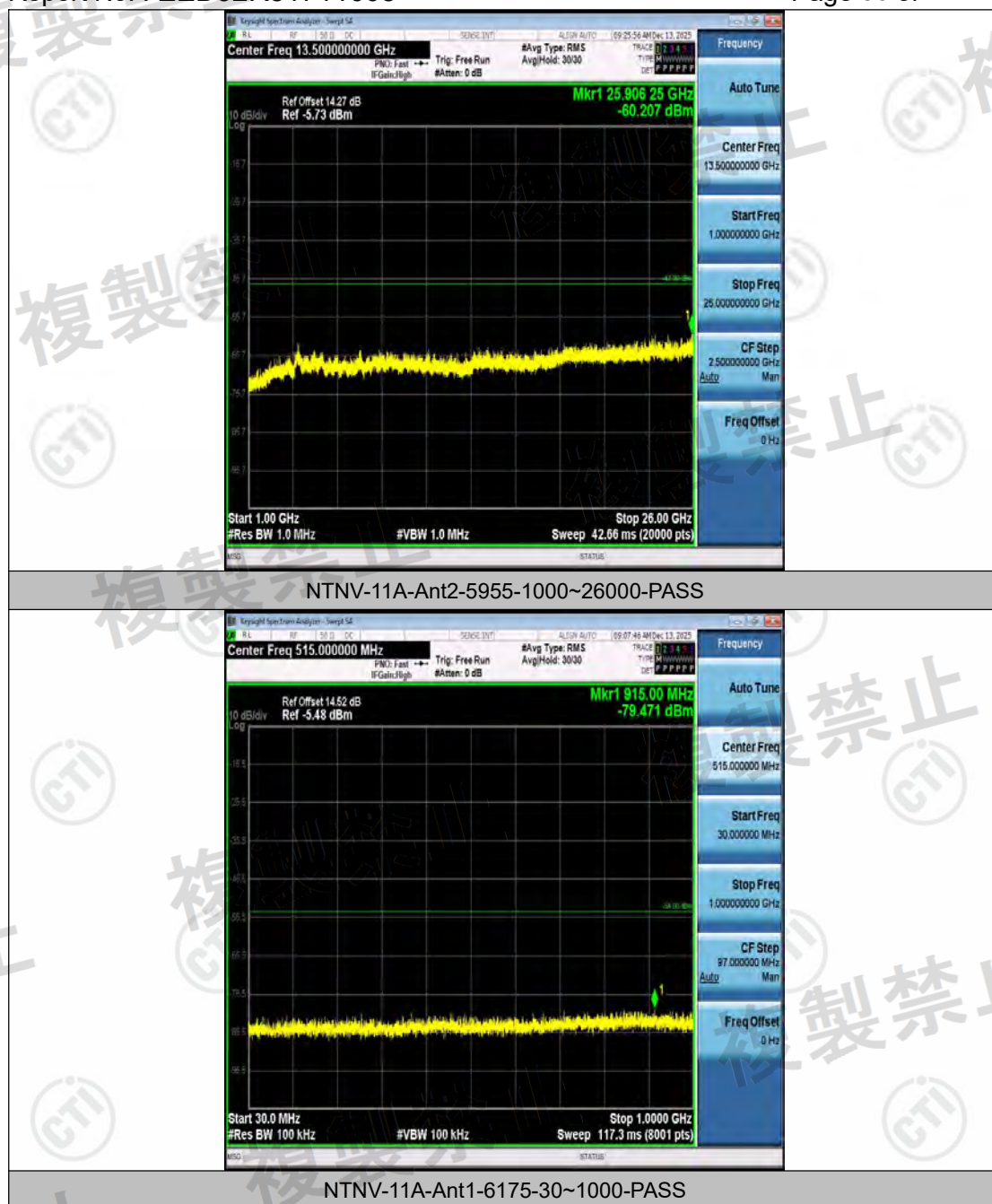
|      |                 |      |      |            |          |        |      |         |     |      |
|------|-----------------|------|------|------------|----------|--------|------|---------|-----|------|
| NTNV | 11AX80M<br>IMO  | Ant2 | 6385 | 30~1000    | 893.66   | -79.30 | ≤-54 | 0.01175 | ≤4  | PASS |
| NTNV | 11AX80M<br>IMO  | Ant1 | 6385 | 1000~26000 | 25915.00 | -60.42 | ≤-47 | 0.90782 | ≤20 | PASS |
| NTNV | 11AX80M<br>IMO  | Ant2 | 6385 | 1000~26000 | 25968.75 | -59.63 | ≤-47 | 1.08893 | ≤20 | PASS |
| NTNV | 11AX160<br>SISO | Ant1 | 6025 | 30~1000    | 790.36   | -79.15 | ≤-54 | 0.01216 | ≤4  | PASS |
| NTNV | 11AX160<br>SISO | Ant2 | 6025 | 30~1000    | 806.00   | -79.14 | ≤-54 | 0.01219 | ≤4  | PASS |
| NTNV | 11AX160<br>SISO | Ant1 | 6025 | 1000~26000 | 25656.23 | -59.50 | ≤-47 | 1.12202 | ≤20 | PASS |
| NTNV | 11AX160<br>SISO | Ant2 | 6025 | 1000~26000 | 25382.47 | -60.73 | ≤-47 | 0.84528 | ≤20 | PASS |
| NTNV | 11AX160<br>SISO | Ant1 | 6185 | 30~1000    | 885.18   | -79.03 | ≤-54 | 0.01250 | ≤4  | PASS |
| NTNV | 11AX160<br>SISO | Ant2 | 6185 | 30~1000    | 738.95   | -78.71 | ≤-54 | 0.01346 | ≤4  | PASS |
| NTNV | 11AX160<br>SISO | Ant1 | 6185 | 1000~26000 | 25462.47 | -60.39 | ≤-47 | 0.91411 | ≤20 | PASS |
| NTNV | 11AX160<br>SISO | Ant2 | 6185 | 1000~26000 | 25856.24 | -60.50 | ≤-47 | 0.89125 | ≤20 | PASS |
| NTNV | 11AX160<br>SISO | Ant1 | 6345 | 30~1000    | 405.27   | -79.29 | ≤-54 | 0.01178 | ≤4  | PASS |
| NTNV | 11AX160<br>SISO | Ant2 | 6345 | 30~1000    | 893.66   | -78.82 | ≤-54 | 0.01312 | ≤4  | PASS |
| NTNV | 11AX160<br>SISO | Ant1 | 6345 | 1000~26000 | 25863.74 | -60.28 | ≤-47 | 0.93756 | ≤20 | PASS |
| NTNV | 11AX160<br>SISO | Ant2 | 6345 | 1000~26000 | 25716.24 | -60.50 | ≤-47 | 0.89125 | ≤20 | PASS |
| NTNV | 11AX160<br>MIMO | Ant1 | 6025 | 30~1000    | 802.48   | -79.18 | ≤-54 | 0.01208 | ≤4  | PASS |
| NTNV | 11AX160<br>MIMO | Ant2 | 6025 | 30~1000    | 907.61   | -78.90 | ≤-54 | 0.01288 | ≤4  | PASS |
| NTNV | 11AX160<br>MIMO | Ant1 | 6025 | 1000~26000 | 23958.65 | -60.98 | ≤-47 | 0.79799 | ≤20 | PASS |
| NTNV | 11AX160<br>MIMO | Ant2 | 6025 | 1000~26000 | 25542.48 | -60.23 | ≤-47 | 0.94842 | ≤20 | PASS |
| NTNV | 11AX160<br>MIMO | Ant1 | 6185 | 30~1000    | 929.68   | -78.19 | ≤-54 | 0.01517 | ≤4  | PASS |
| NTNV | 11AX160<br>MIMO | Ant2 | 6185 | 30~1000    | 885.54   | -79.10 | ≤-54 | 0.01230 | ≤4  | PASS |

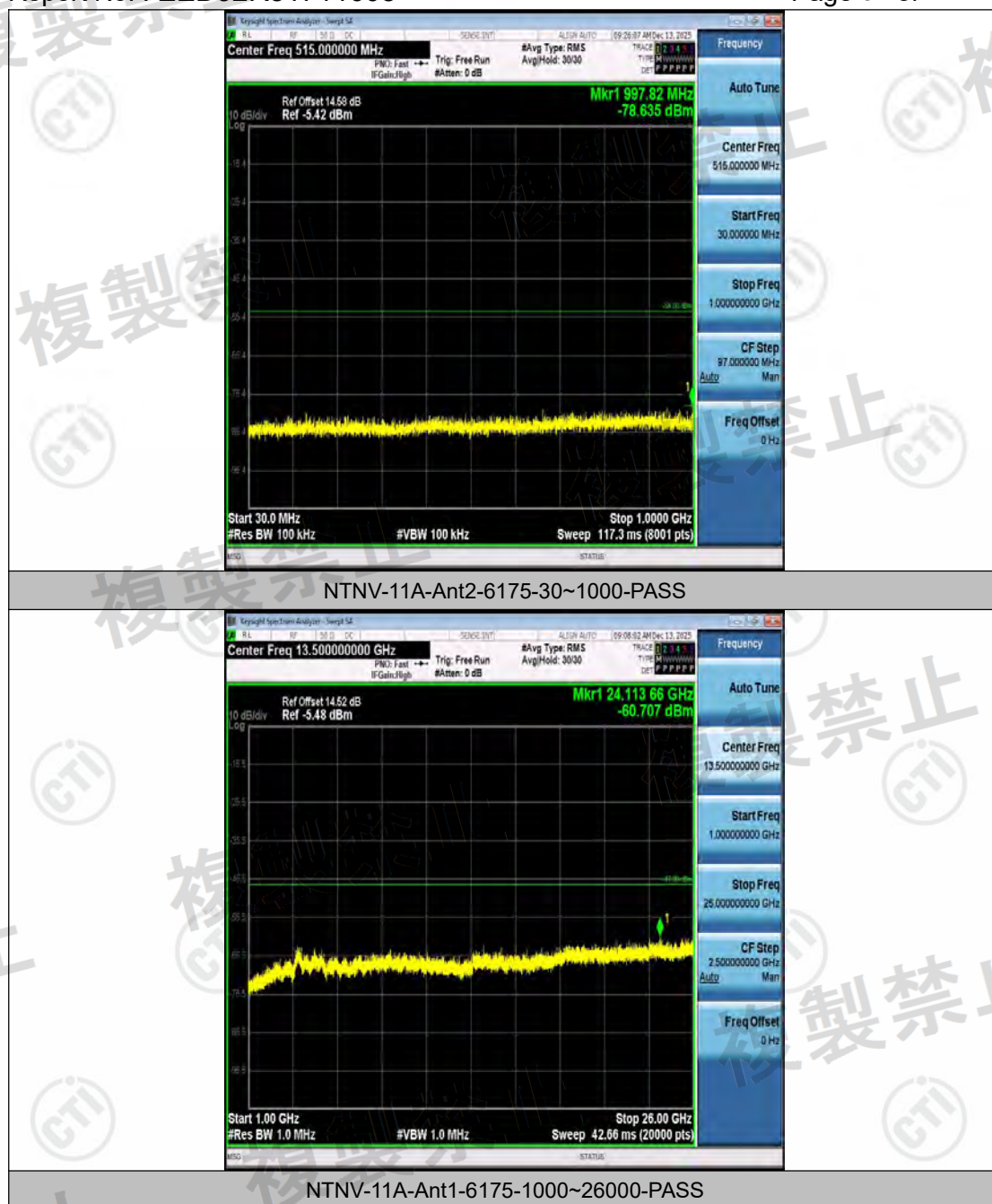
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|------|-----------------|------|------|------------|----------|--------|------|---------|-----|------|
| NTNV | 11AX160<br>MIMO | Ant1 | 6185 | 1000~26000 | 25494.97 | -60.43 | ≤-47 | 0.90573 | ≤20 | PASS |
| NTNV | 11AX160<br>MIMO | Ant2 | 6185 | 1000~26000 | 24156.16 | -60.34 | ≤-47 | 0.92470 | ≤20 | PASS |
| NTNV | 11AX160<br>MIMO | Ant1 | 6345 | 30~1000    | 829.64   | -78.11 | ≤-54 | 0.01545 | ≤4  | PASS |
| NTNV | 11AX160<br>MIMO | Ant2 | 6345 | 30~1000    | 962.29   | -79.11 | ≤-54 | 0.01227 | ≤4  | PASS |
| NTNV | 11AX160<br>MIMO | Ant1 | 6345 | 1000~26000 | 25461.22 | -60.07 | ≤-47 | 0.98401 | ≤20 | PASS |
| NTNV | 11AX160<br>MIMO | Ant2 | 6345 | 1000~26000 | 25791.24 | -60.01 | ≤-47 | 0.99770 | ≤20 | PASS |

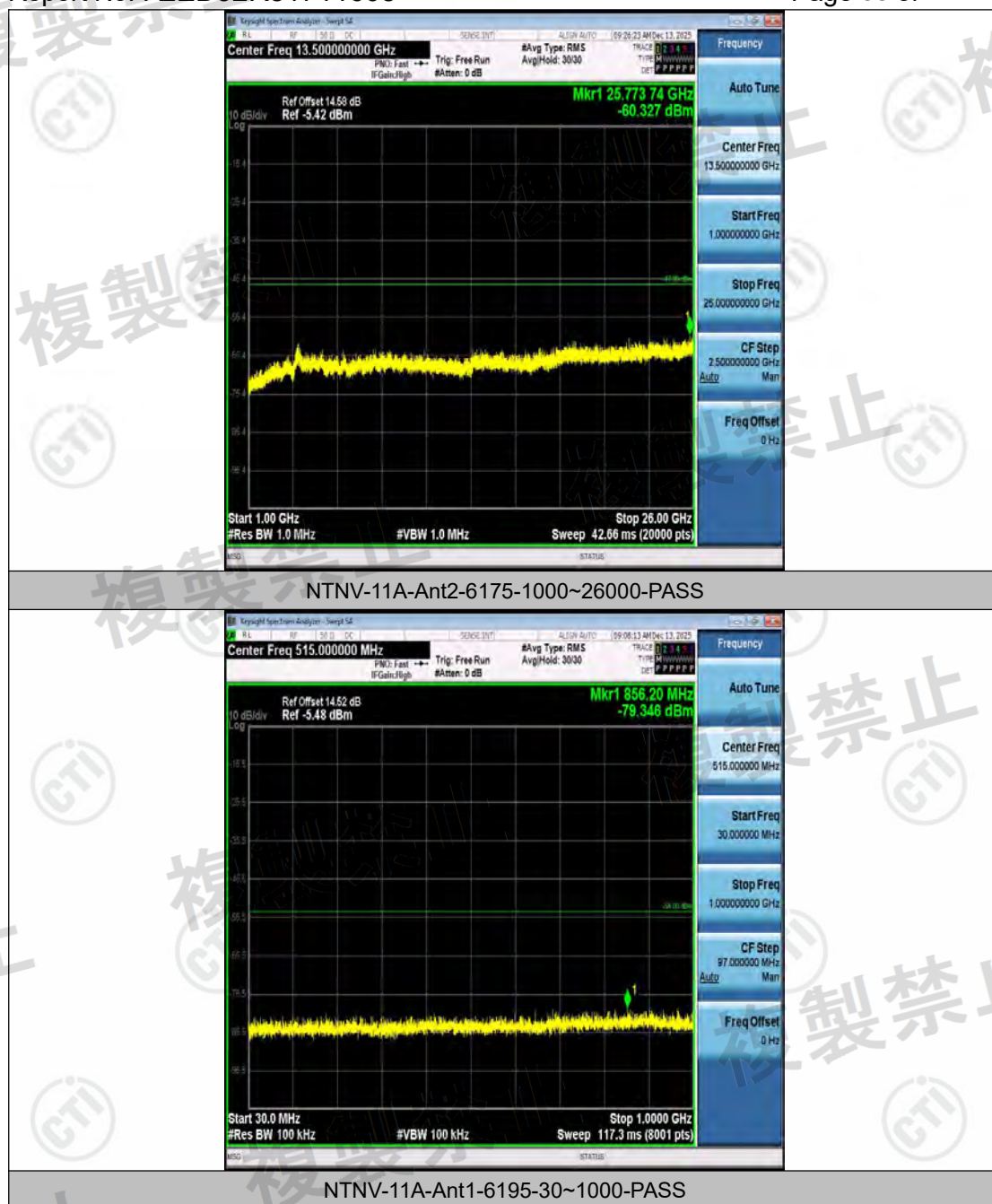
## Test Graphs

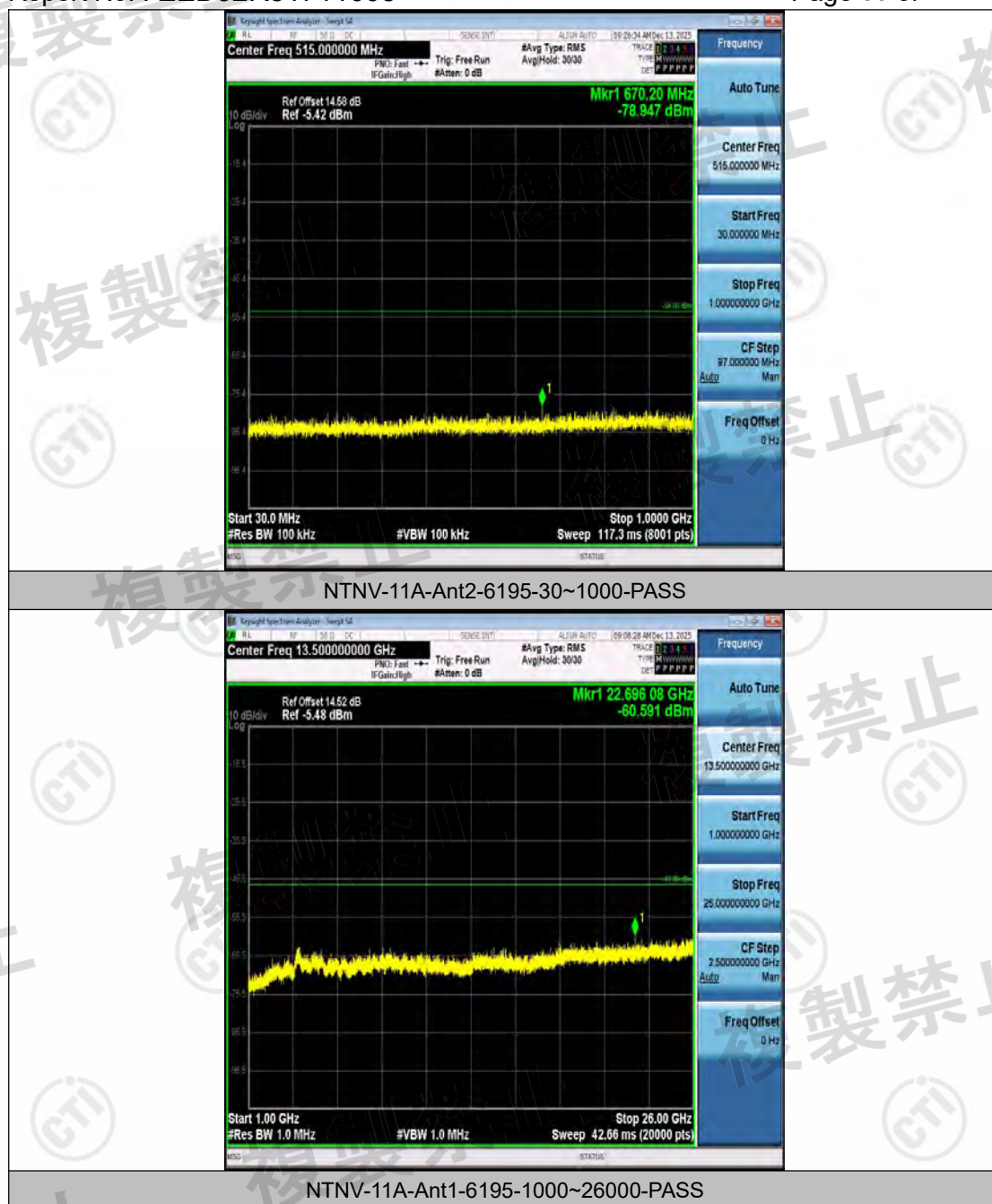


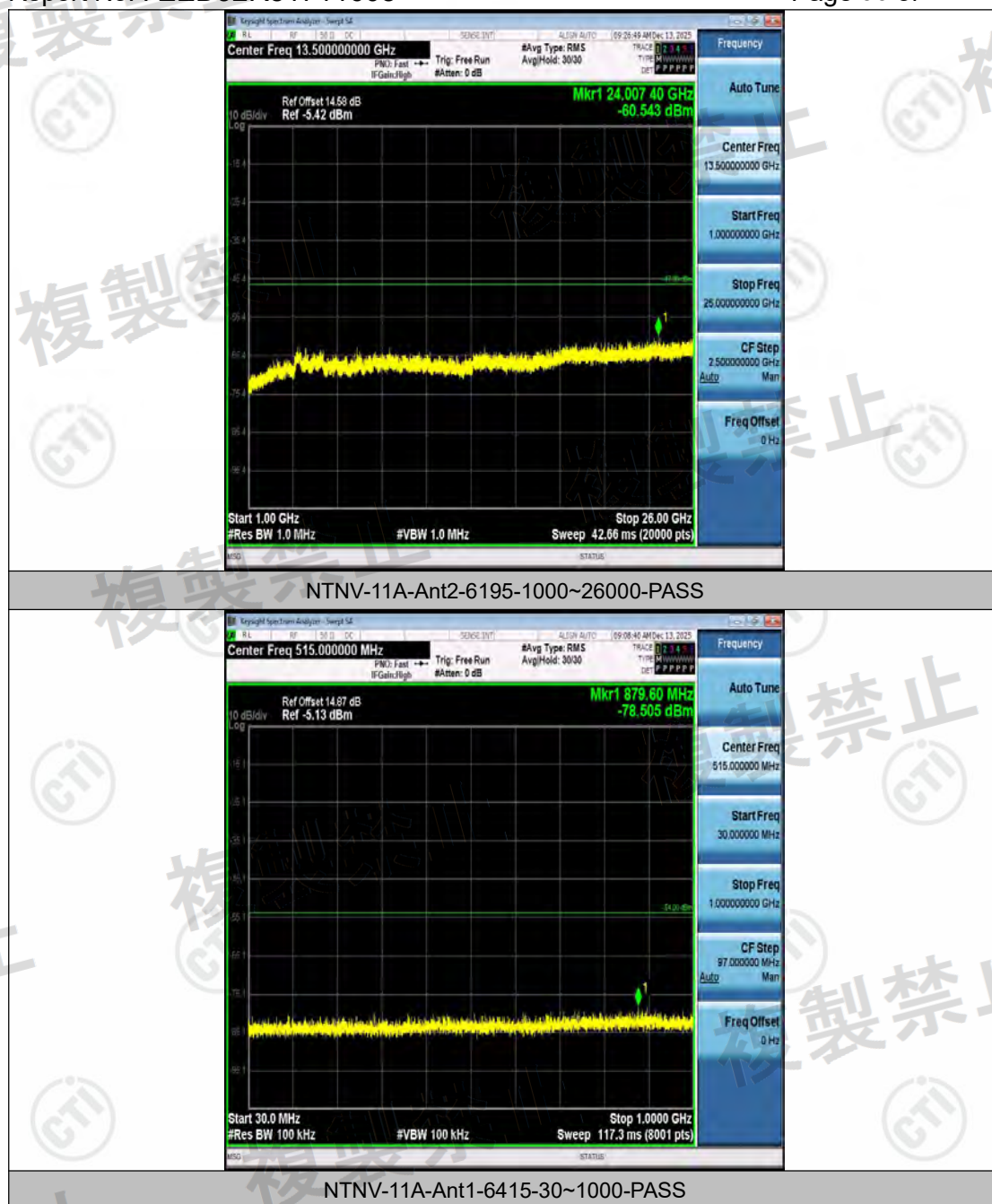


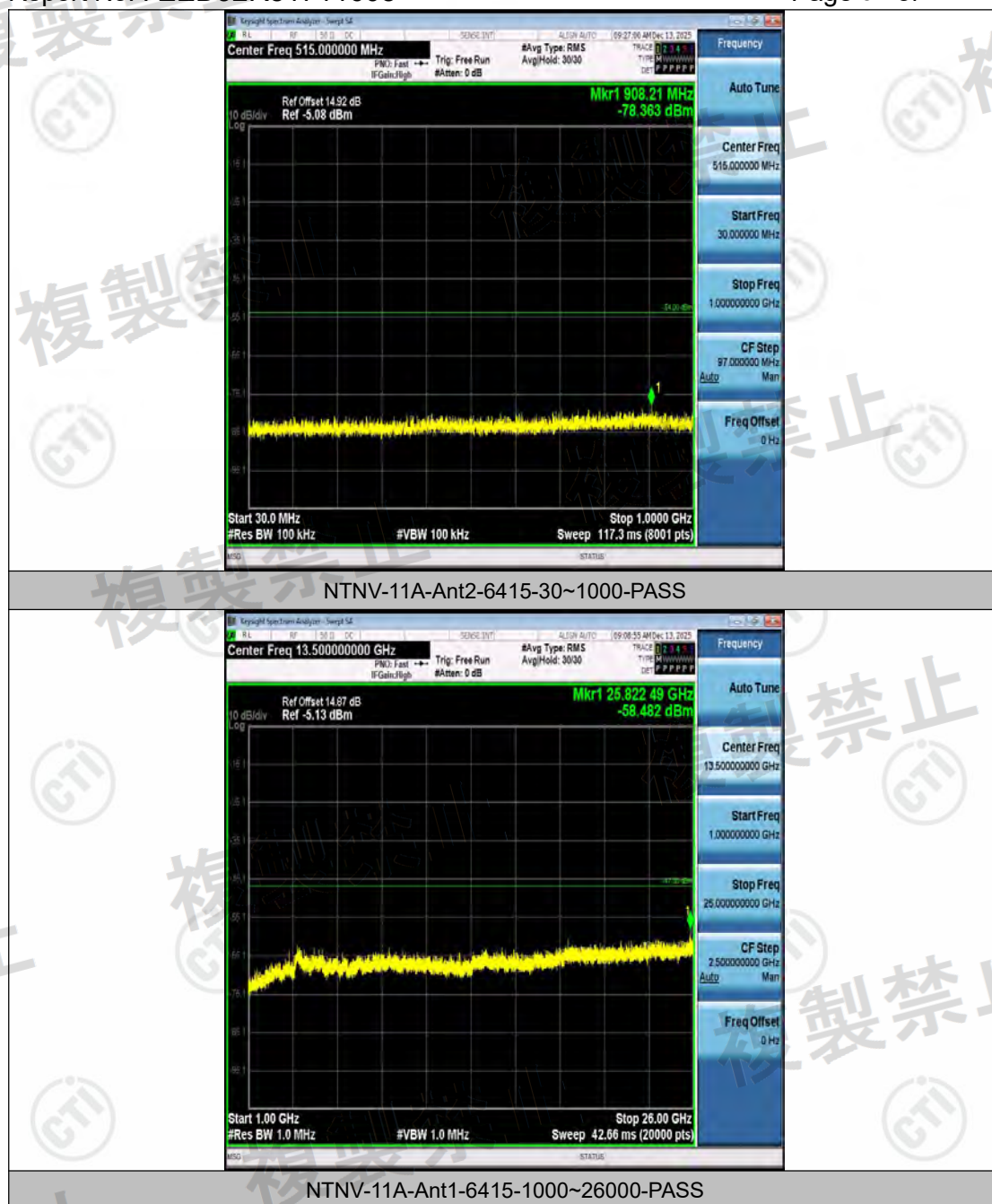


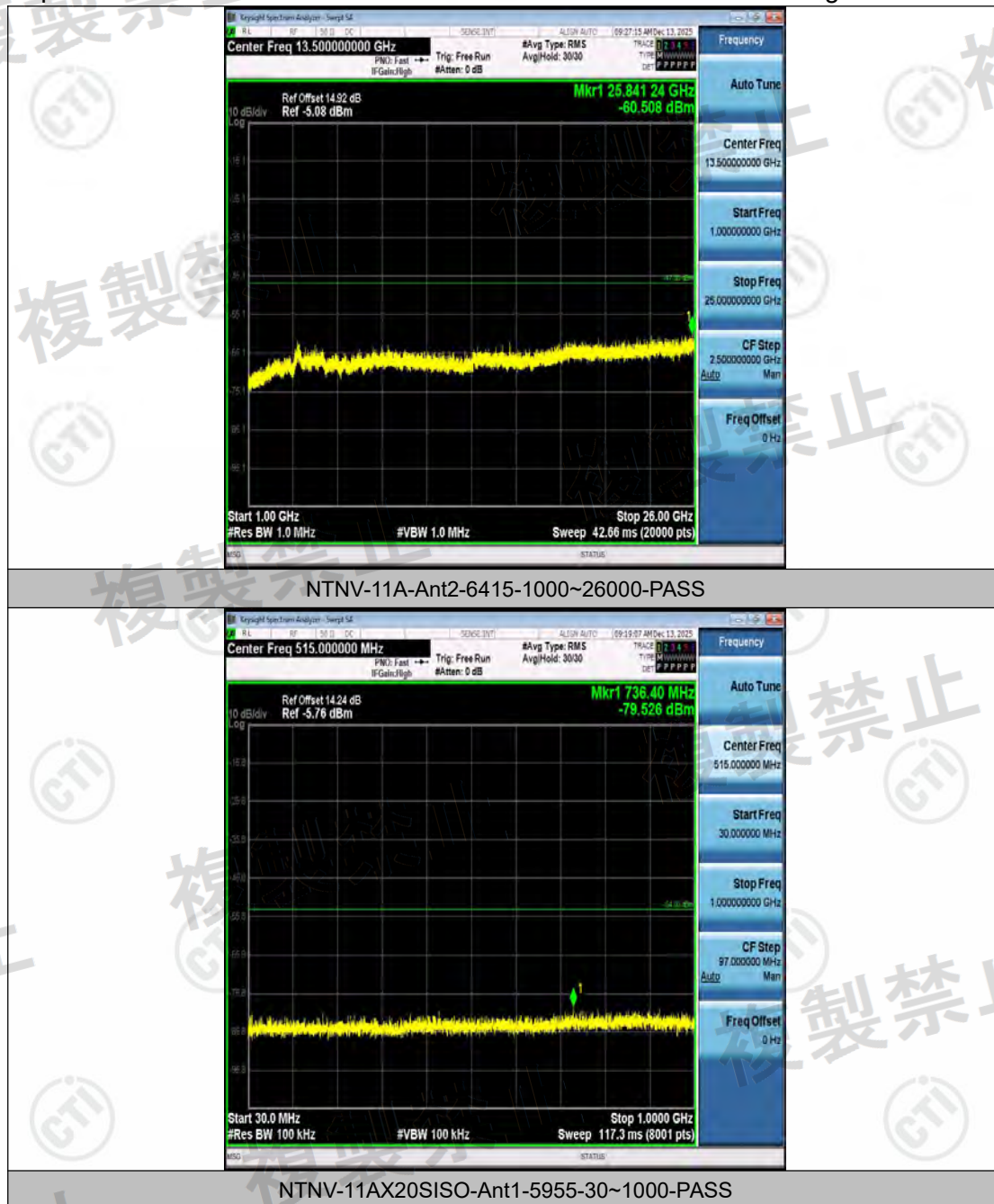


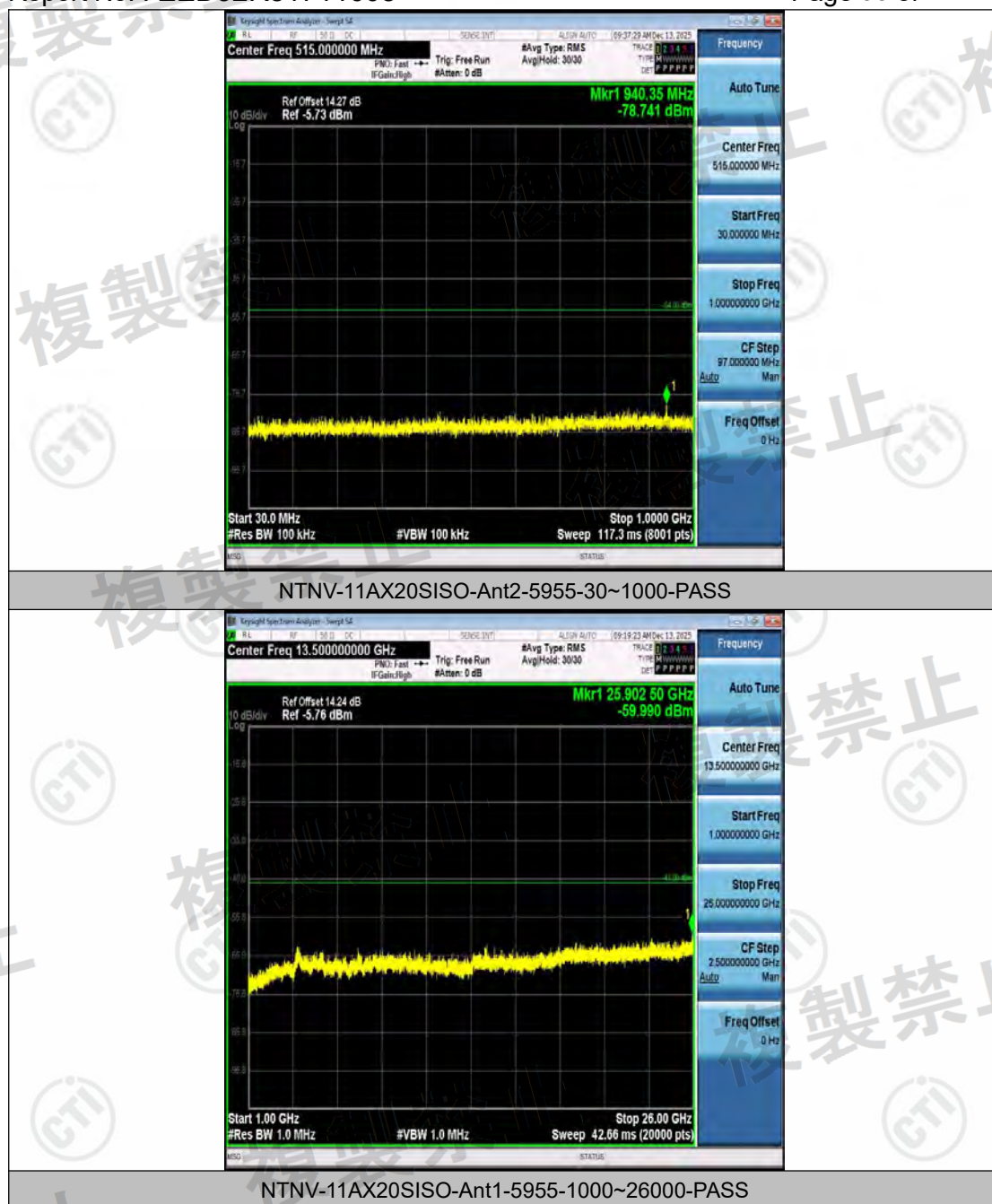


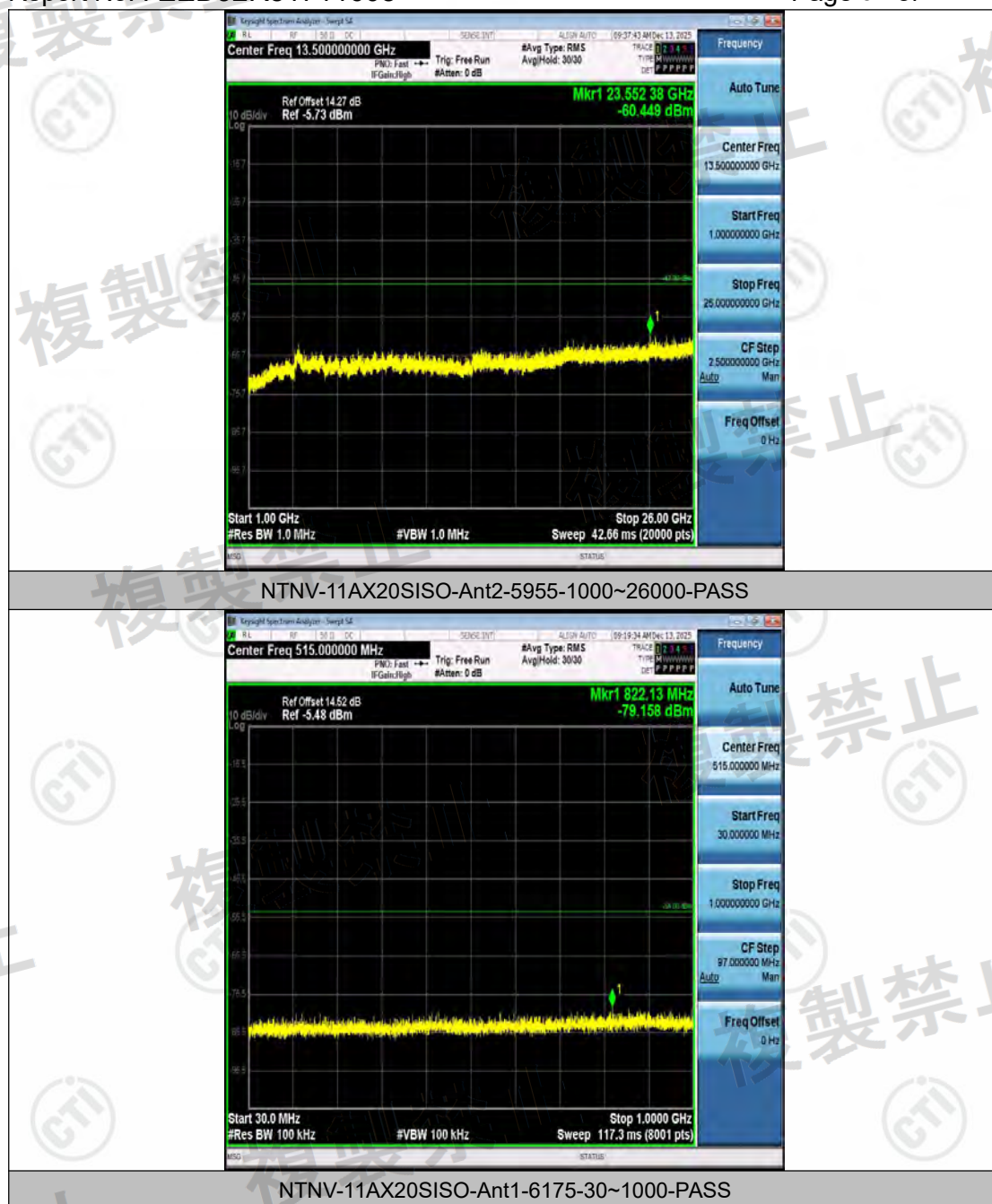


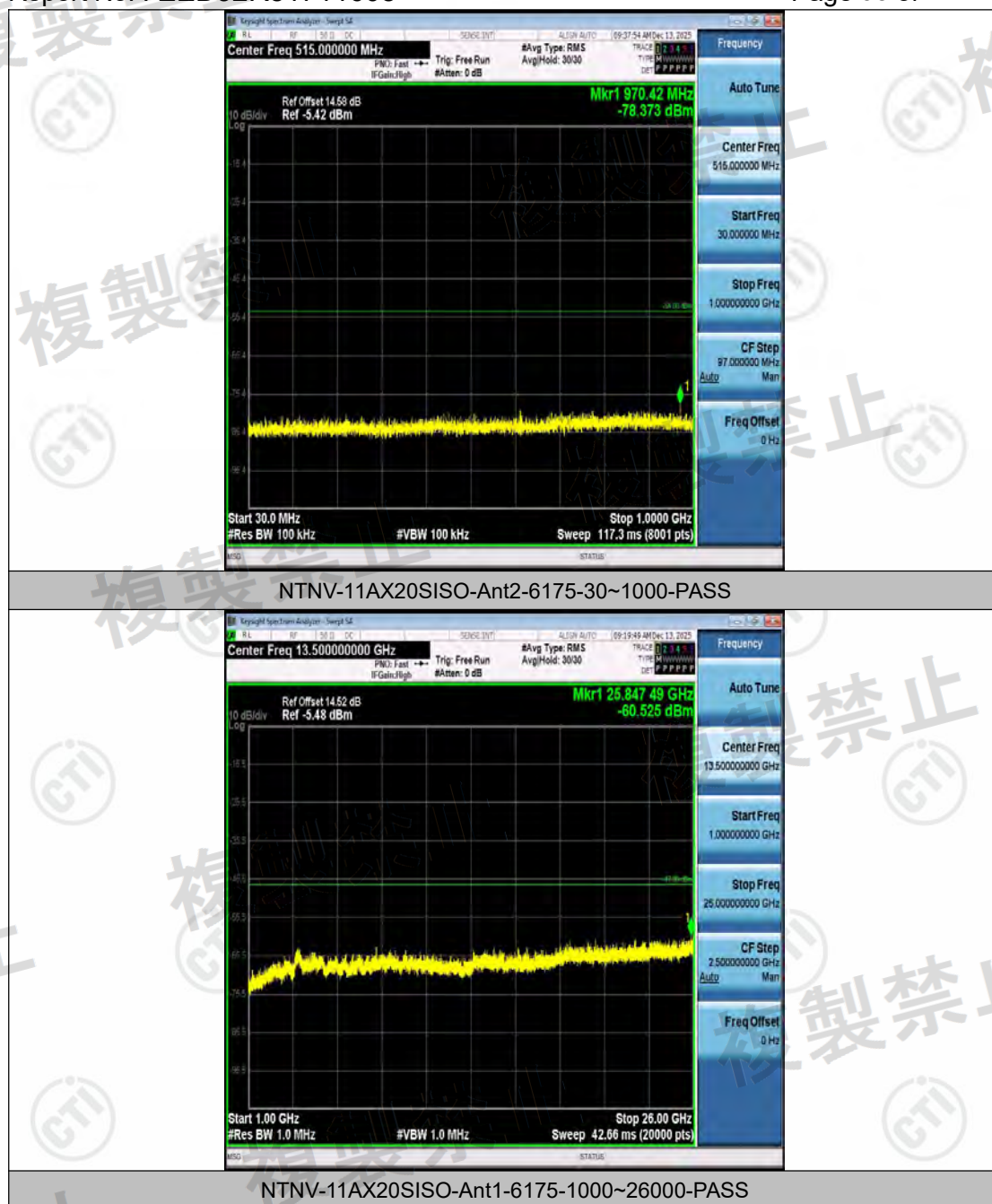


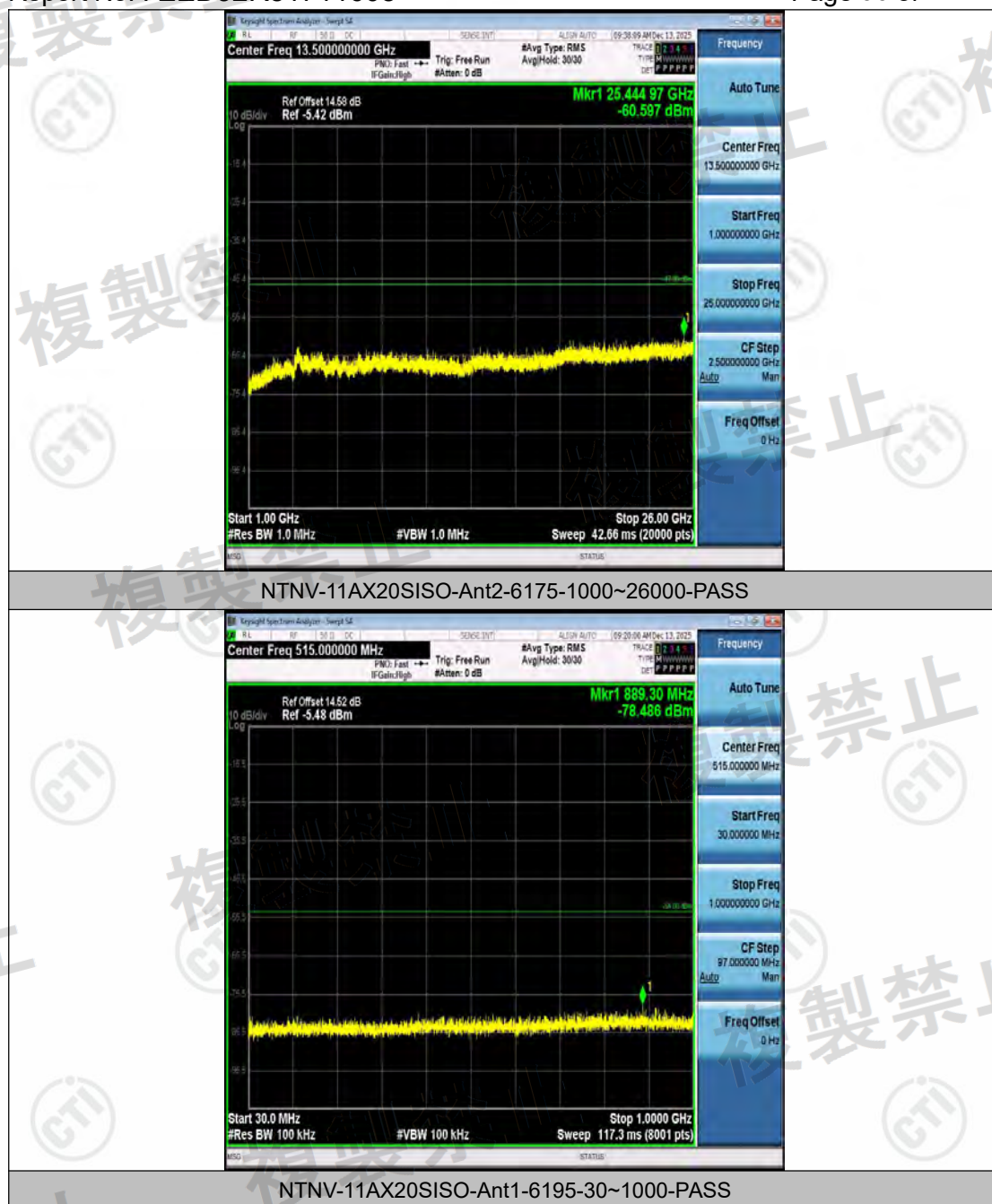


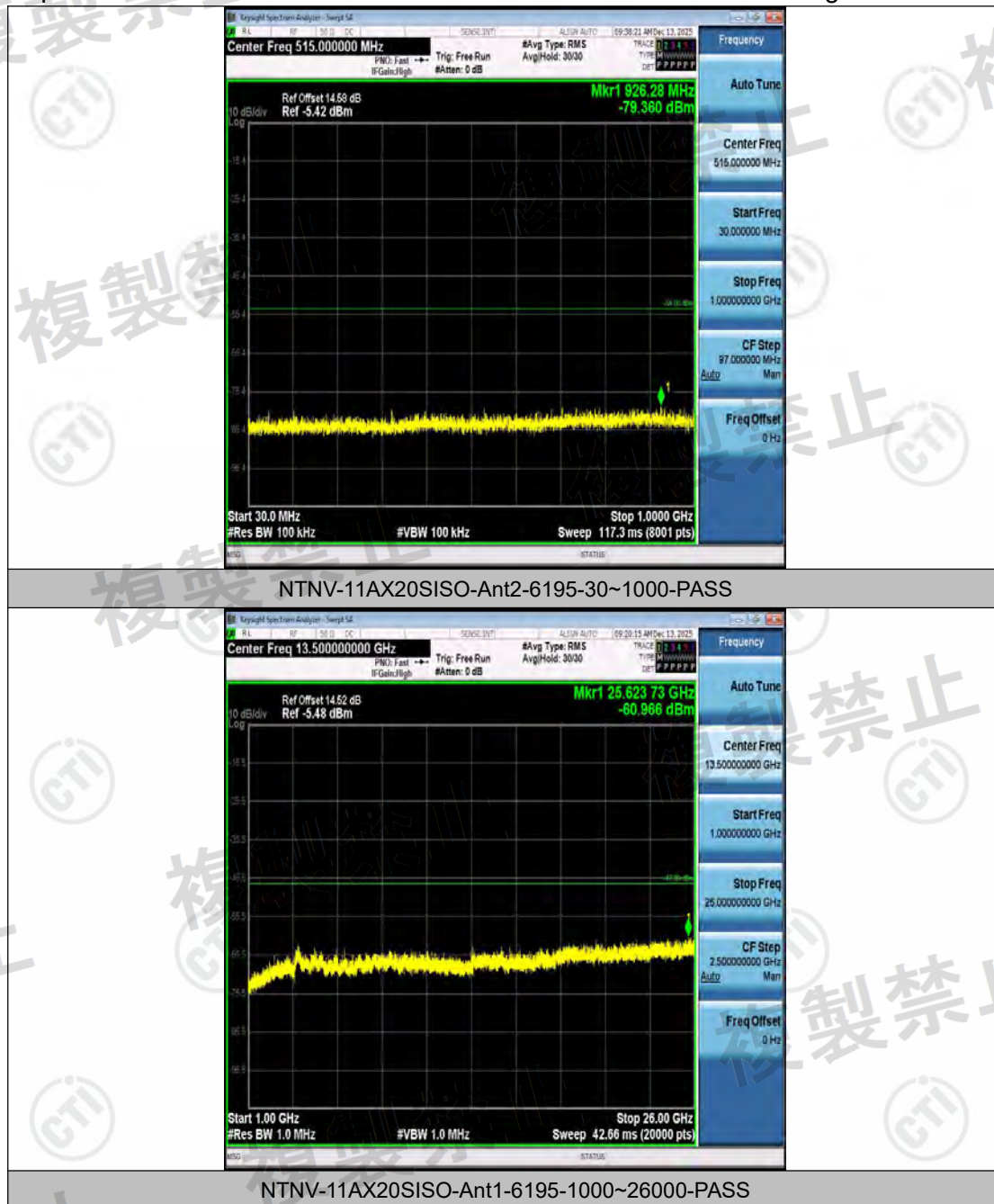


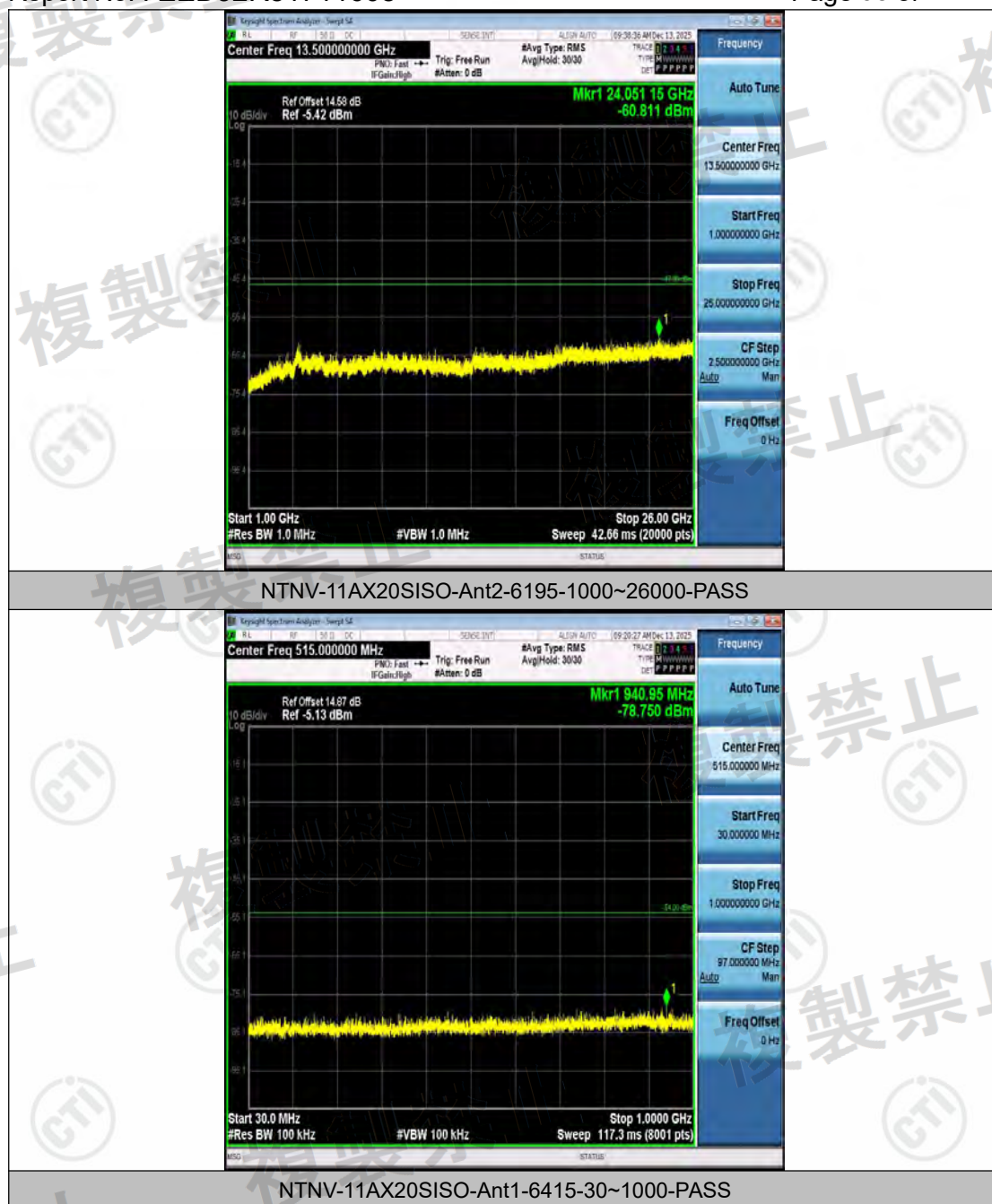


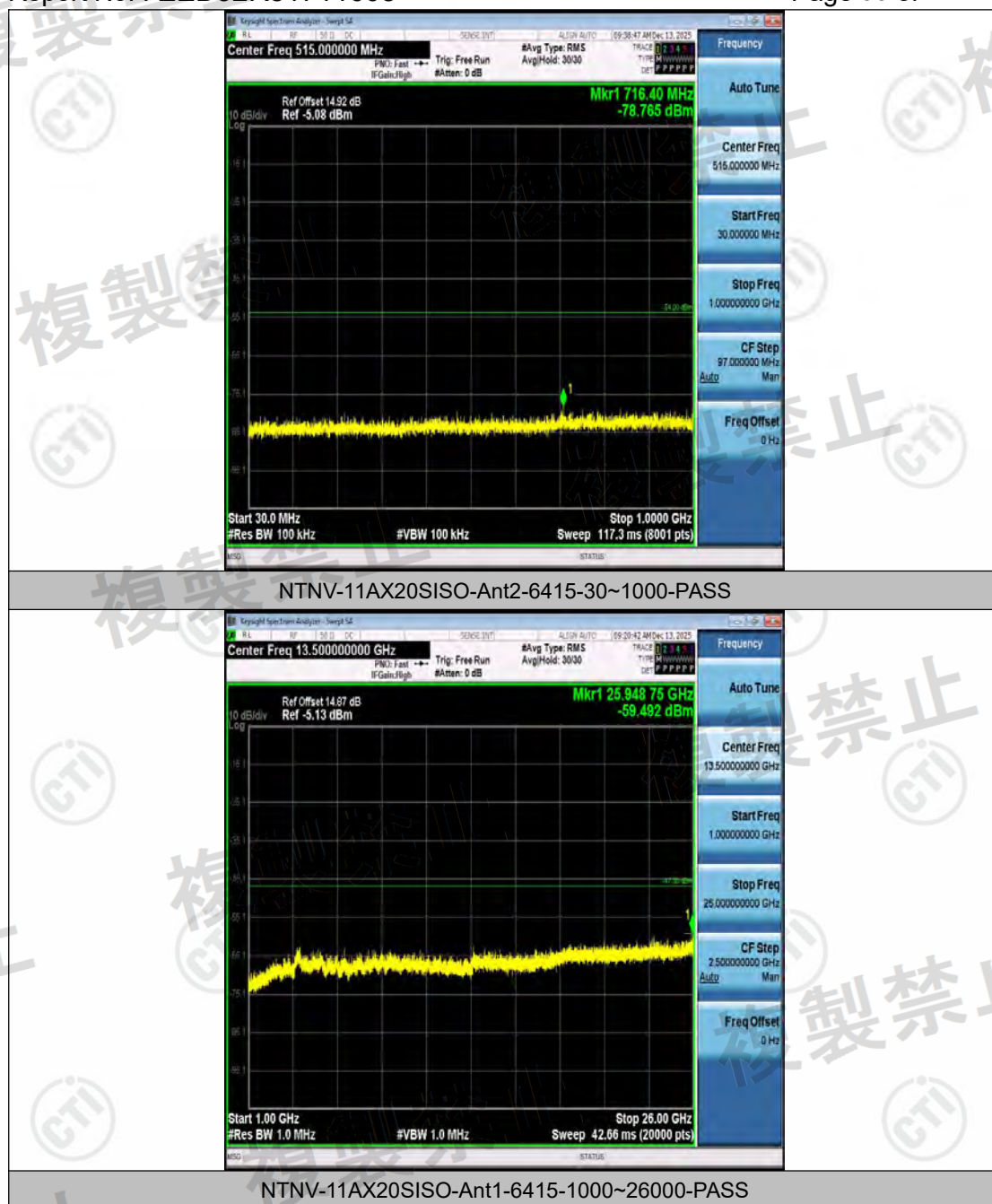


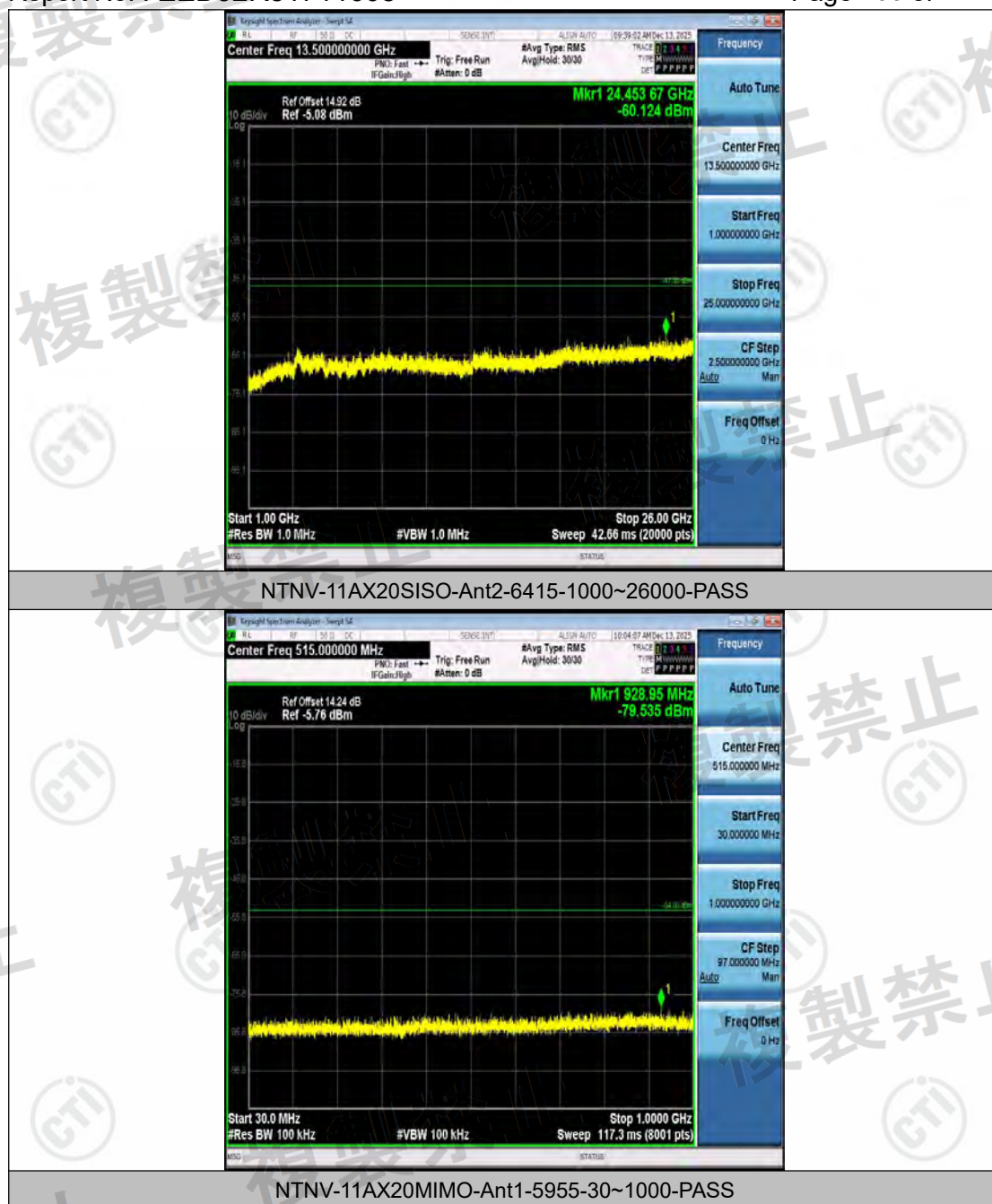


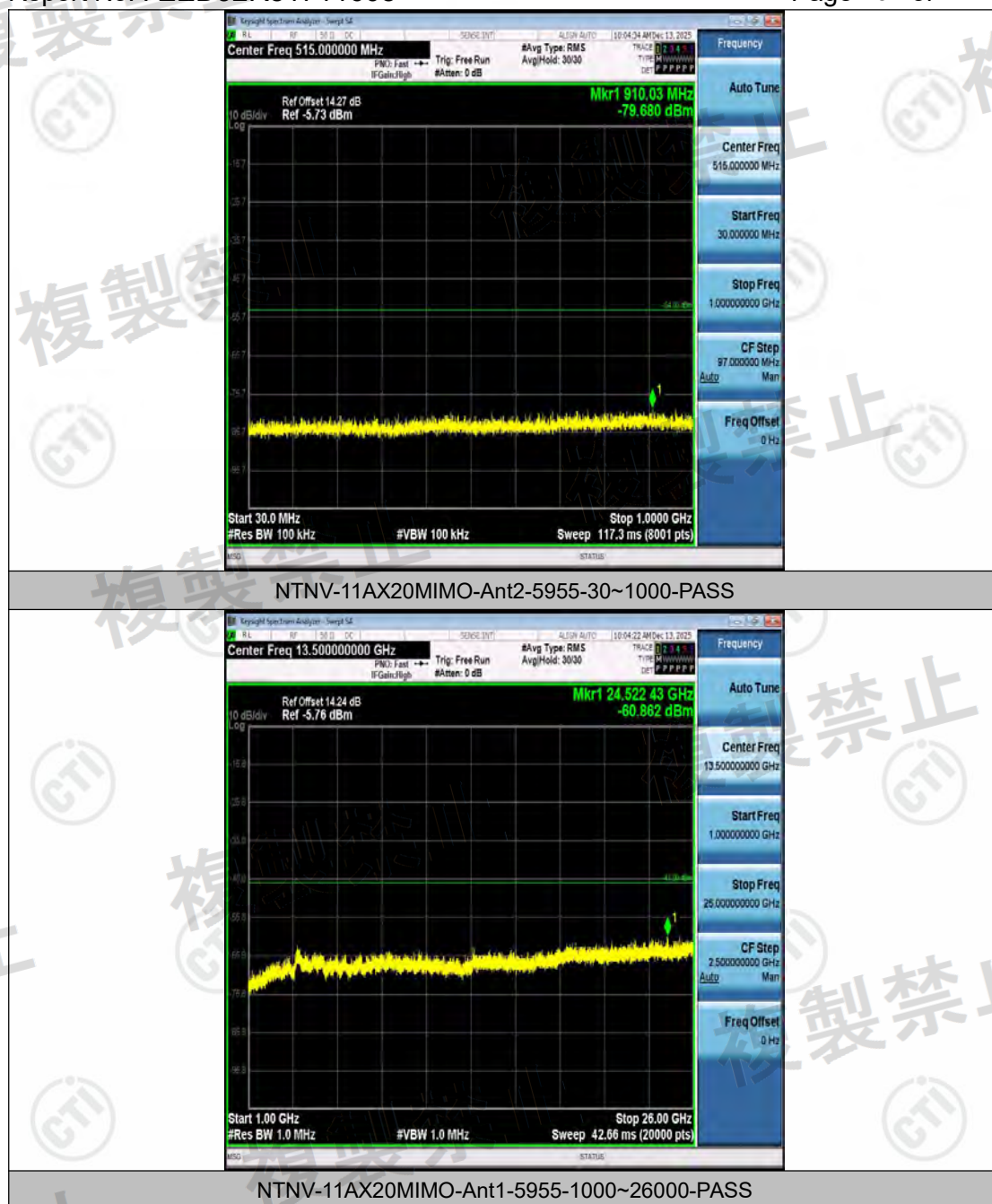


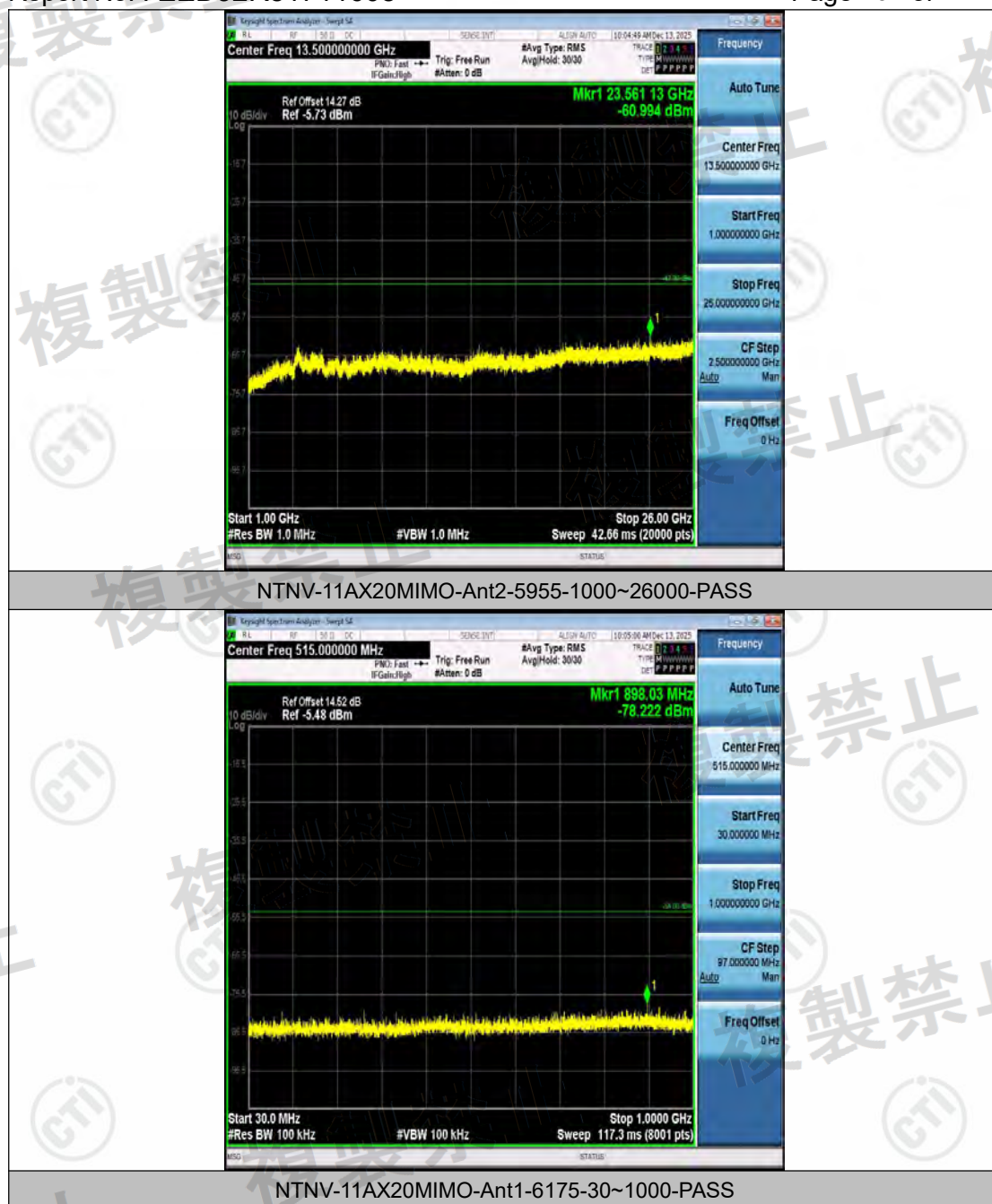


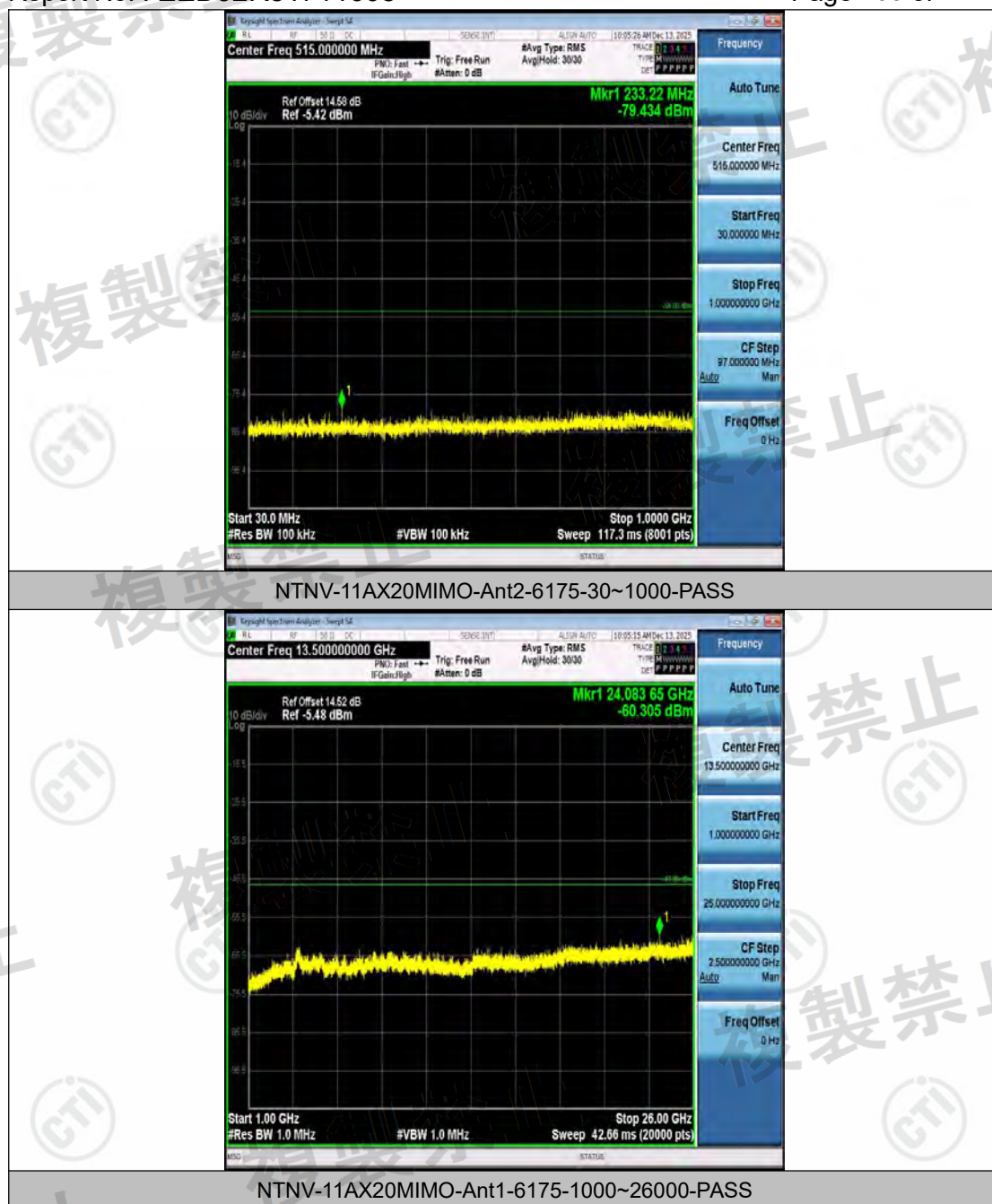


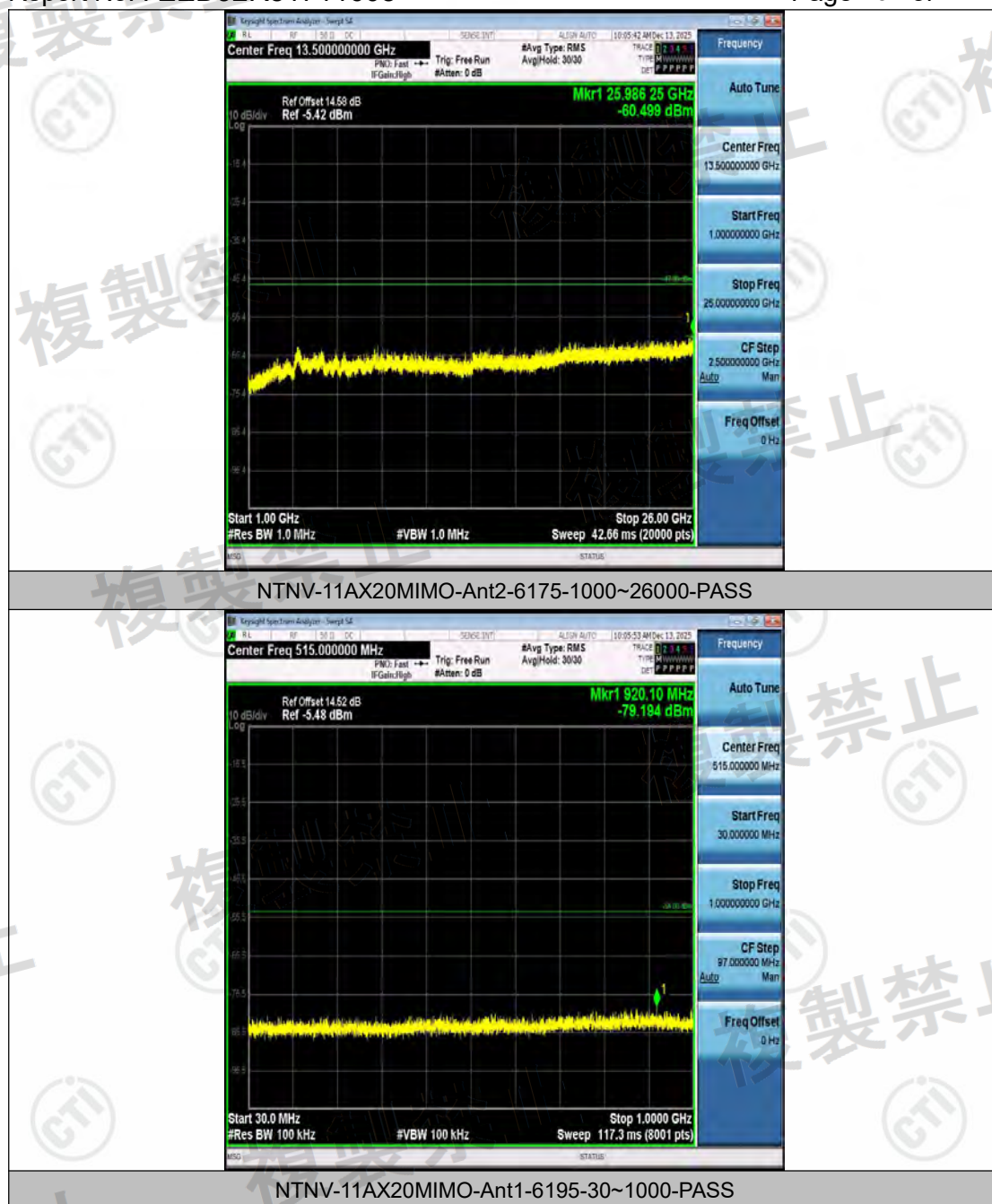


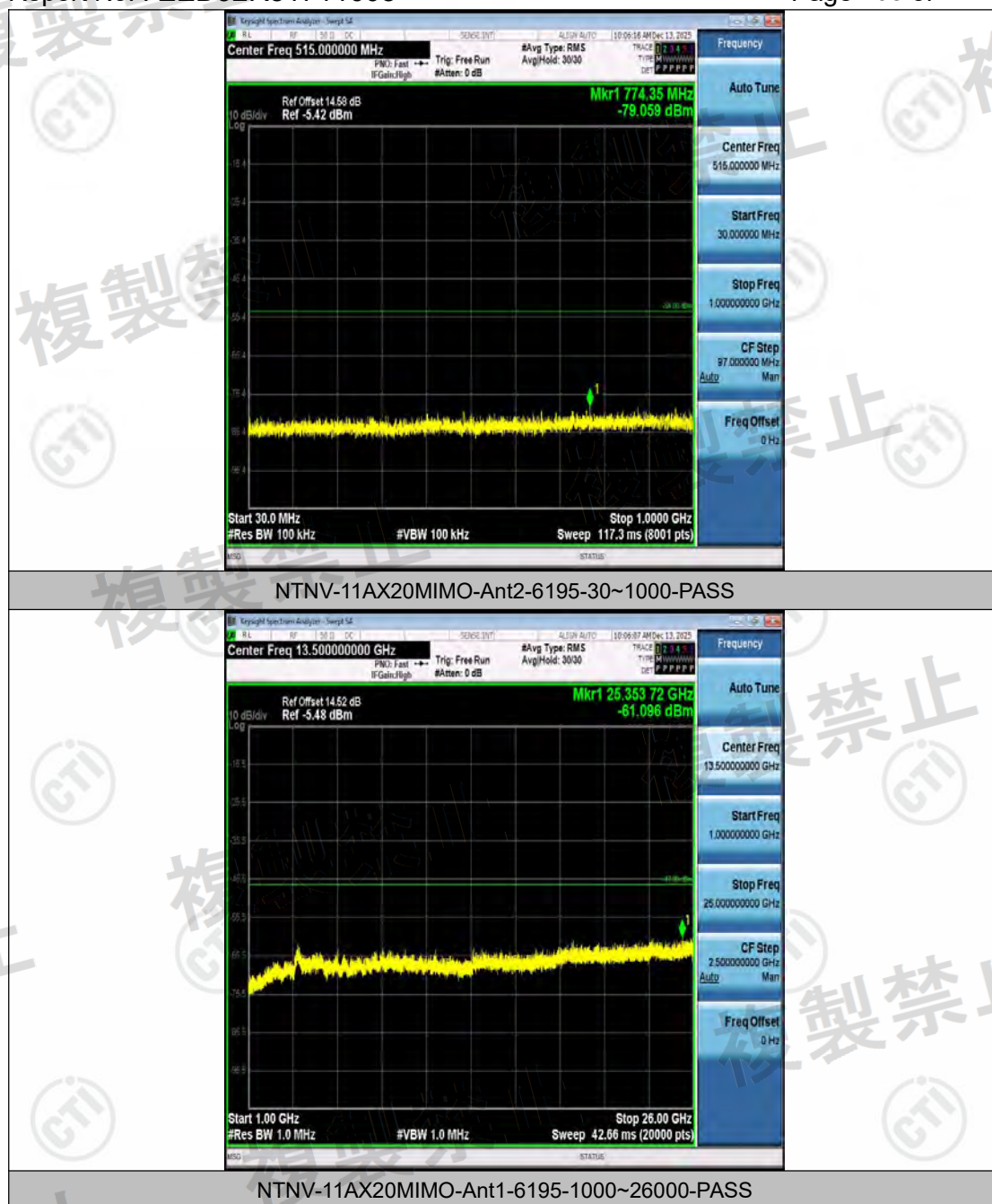


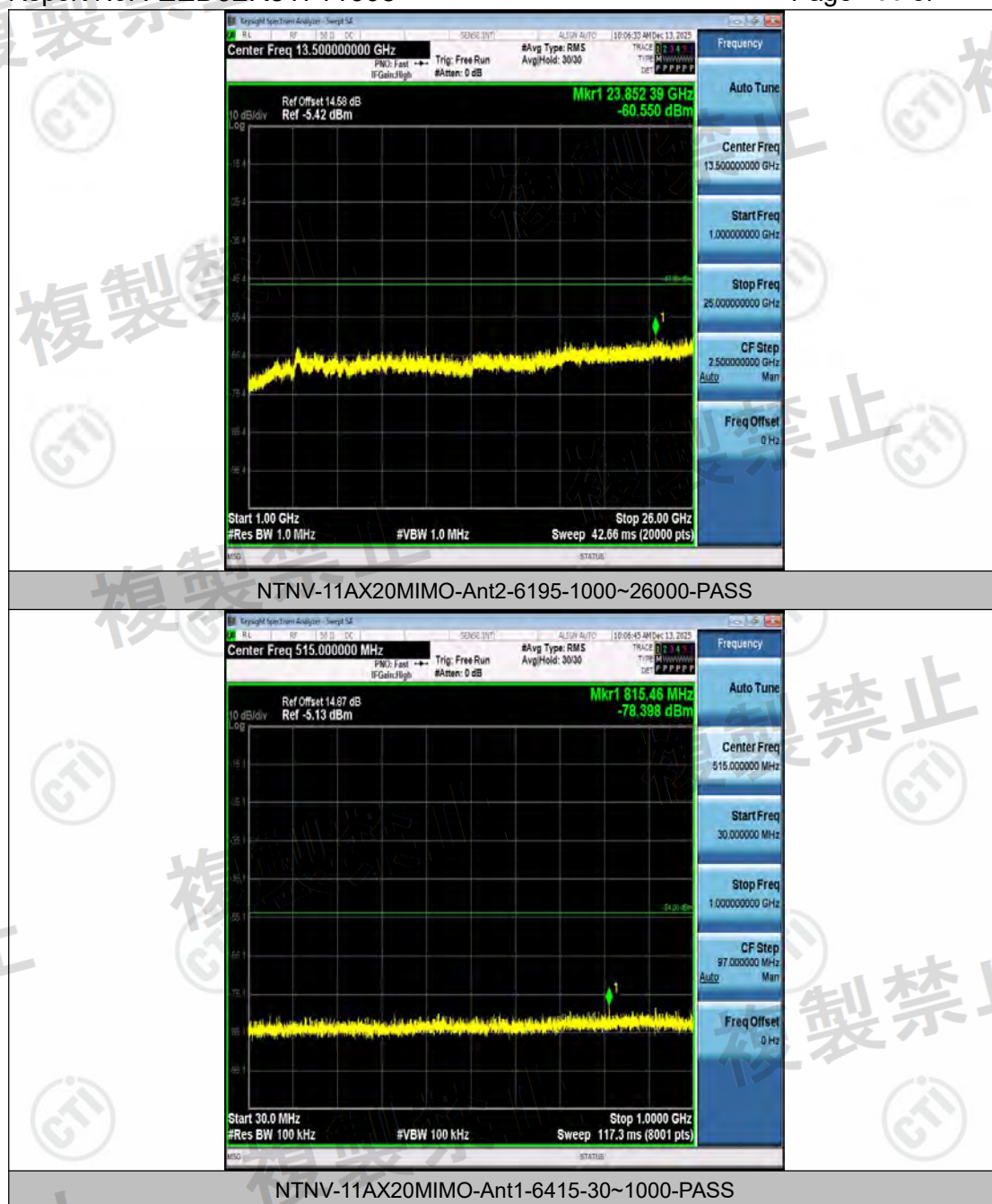


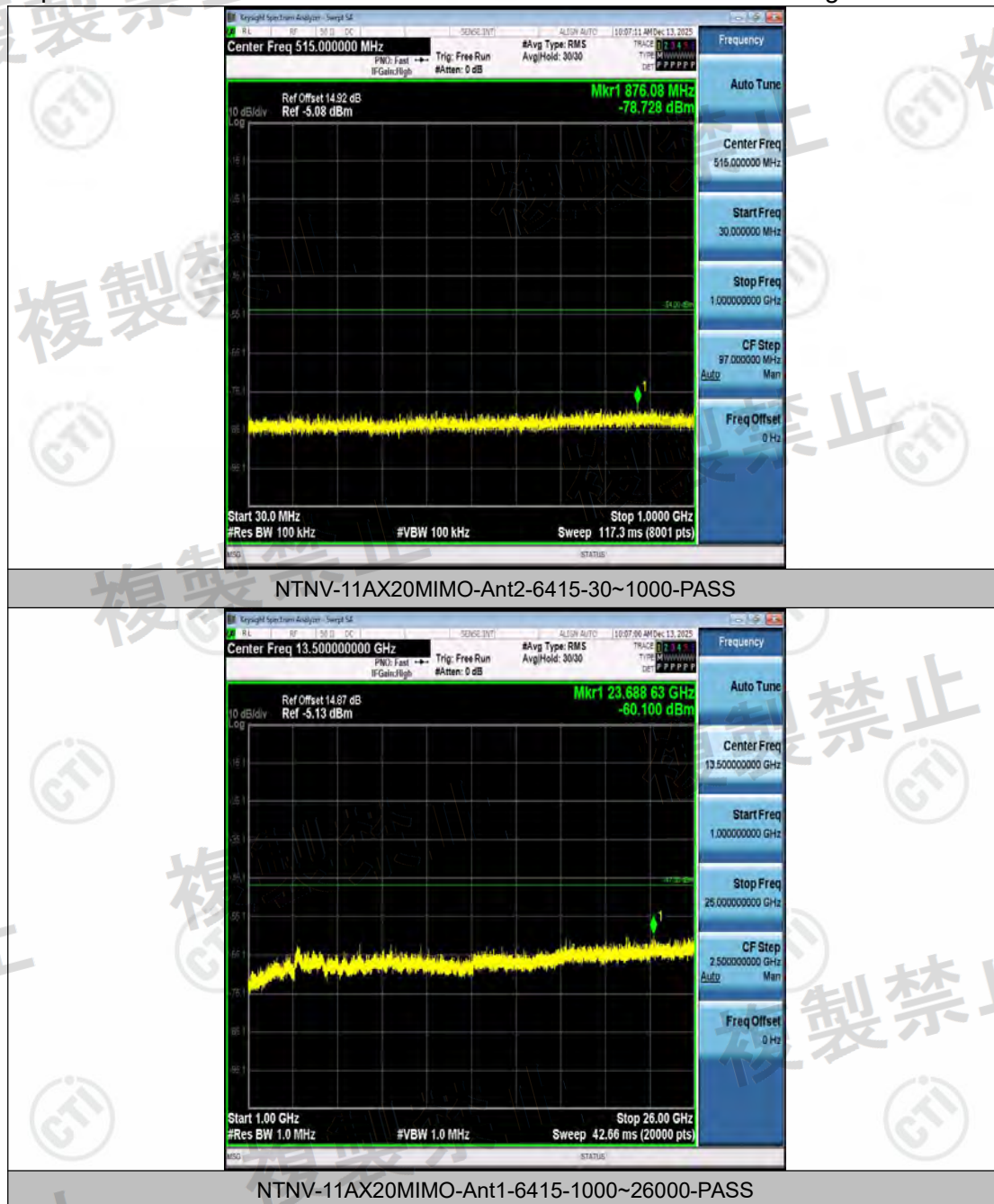


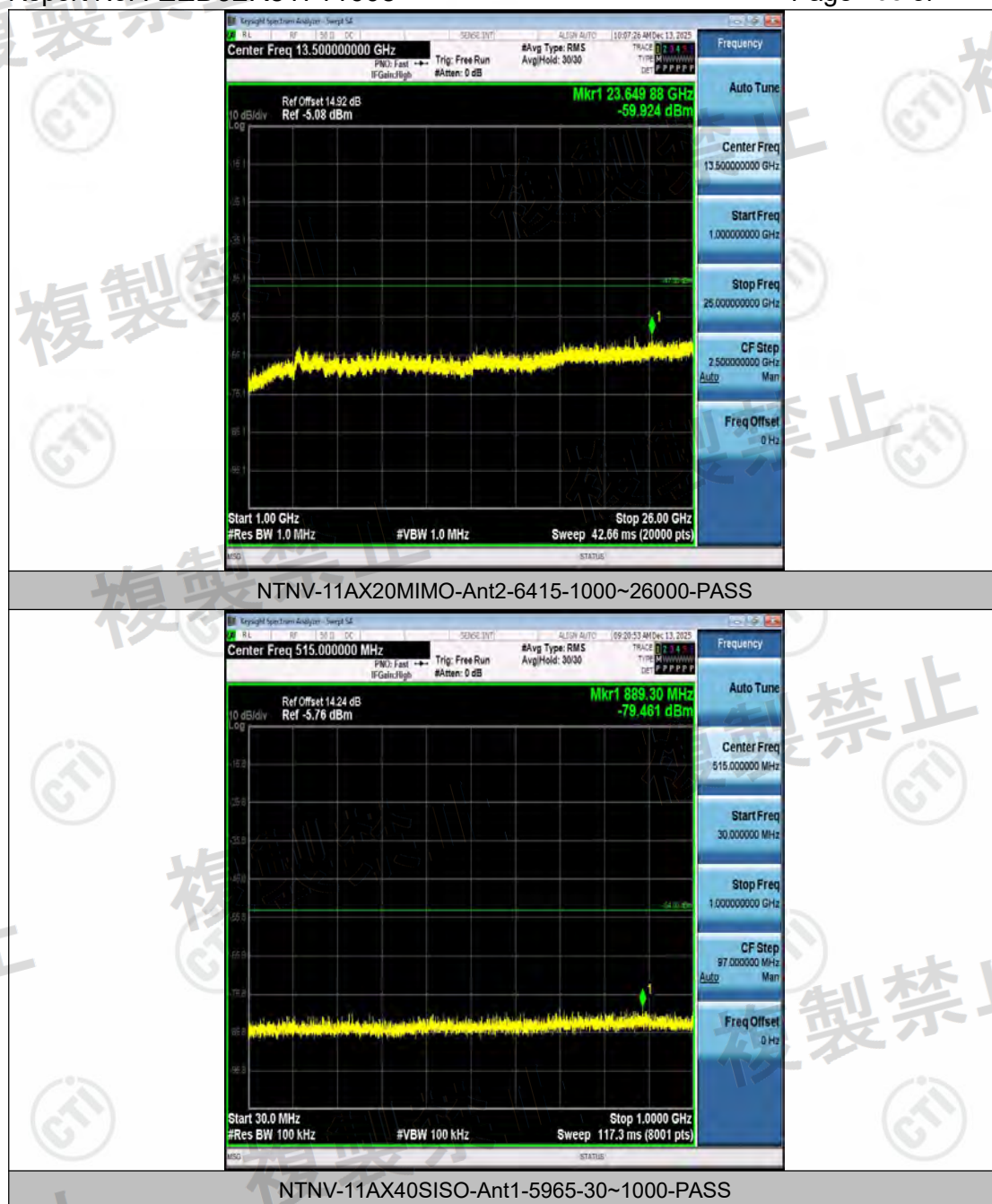


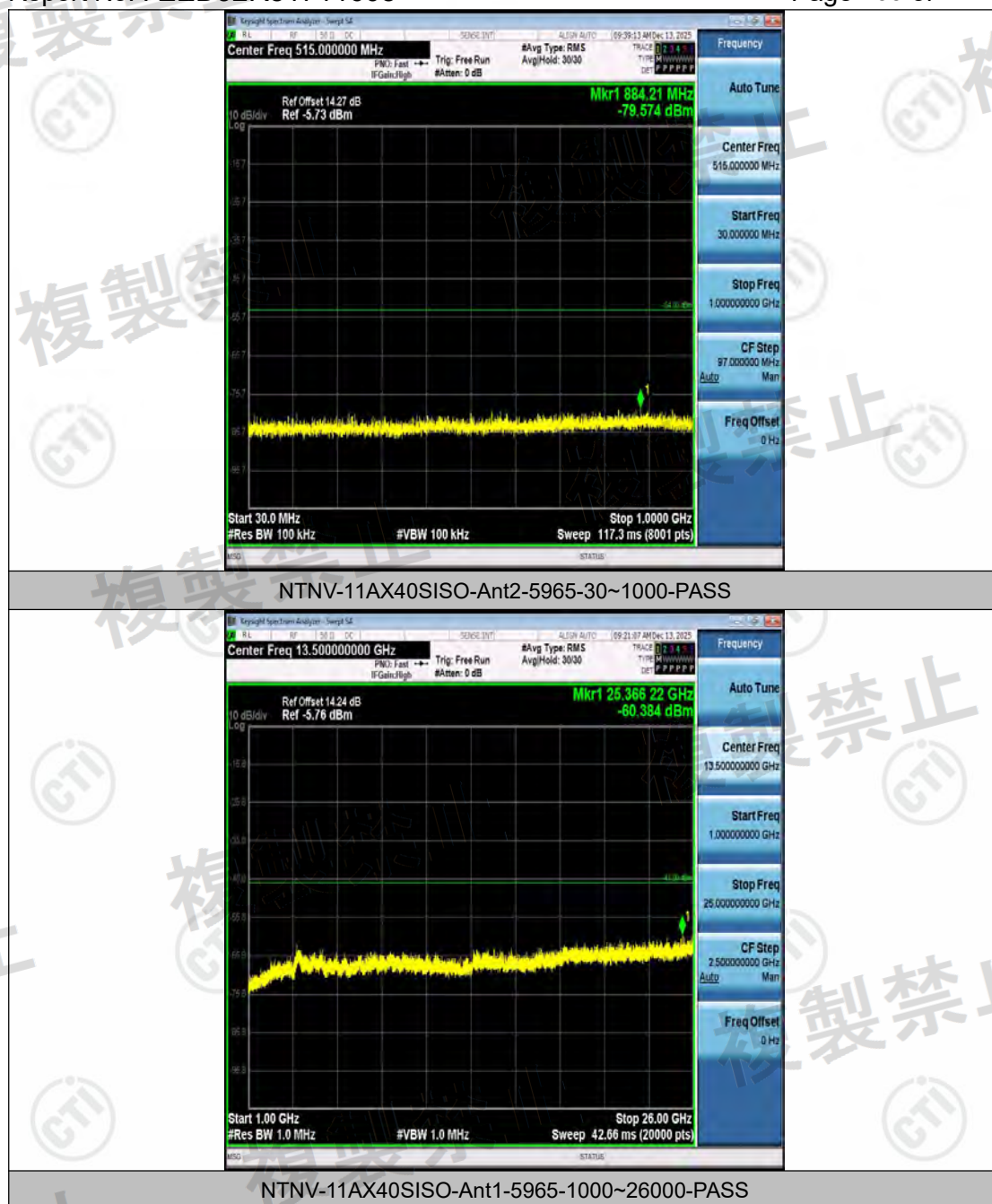


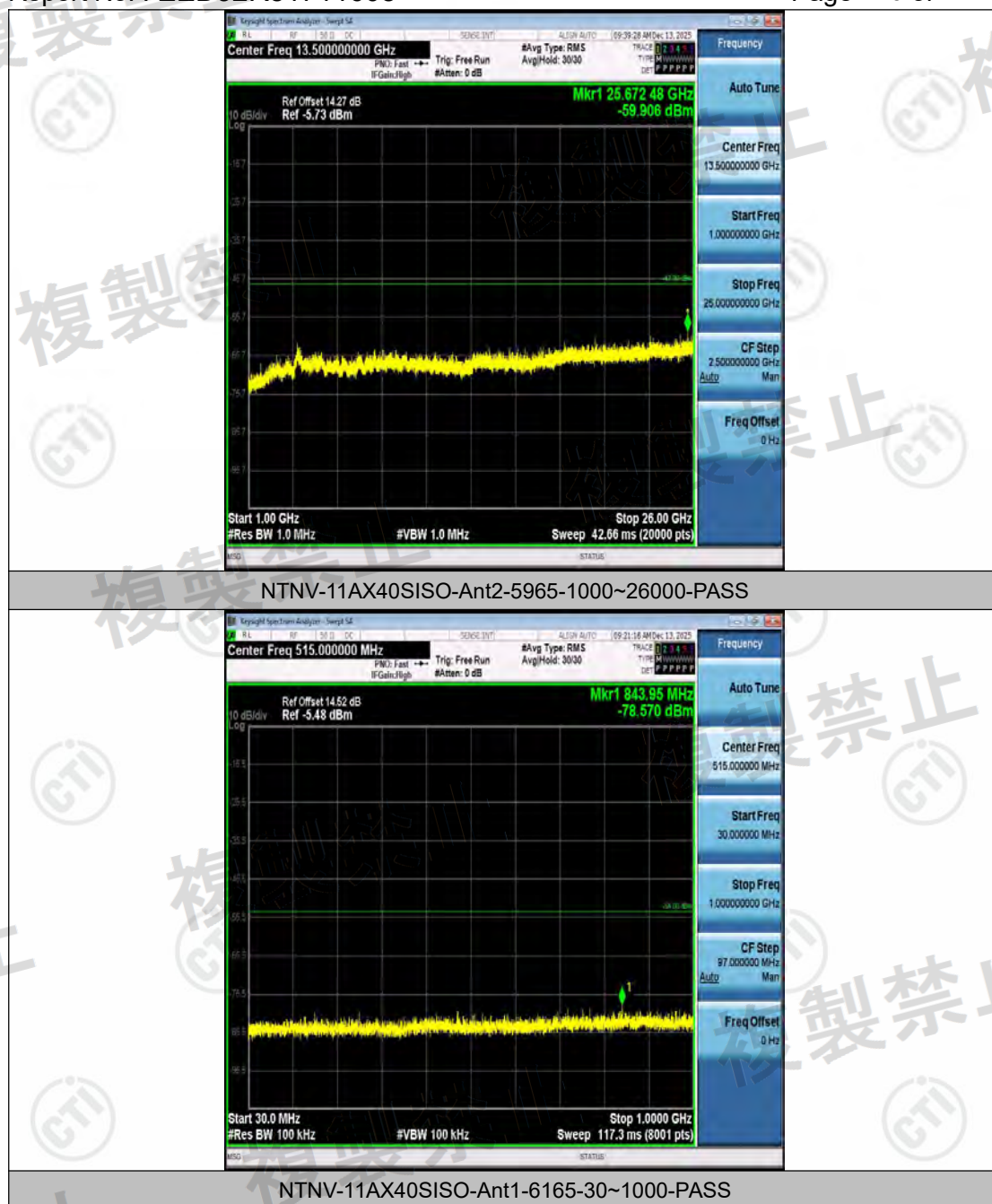


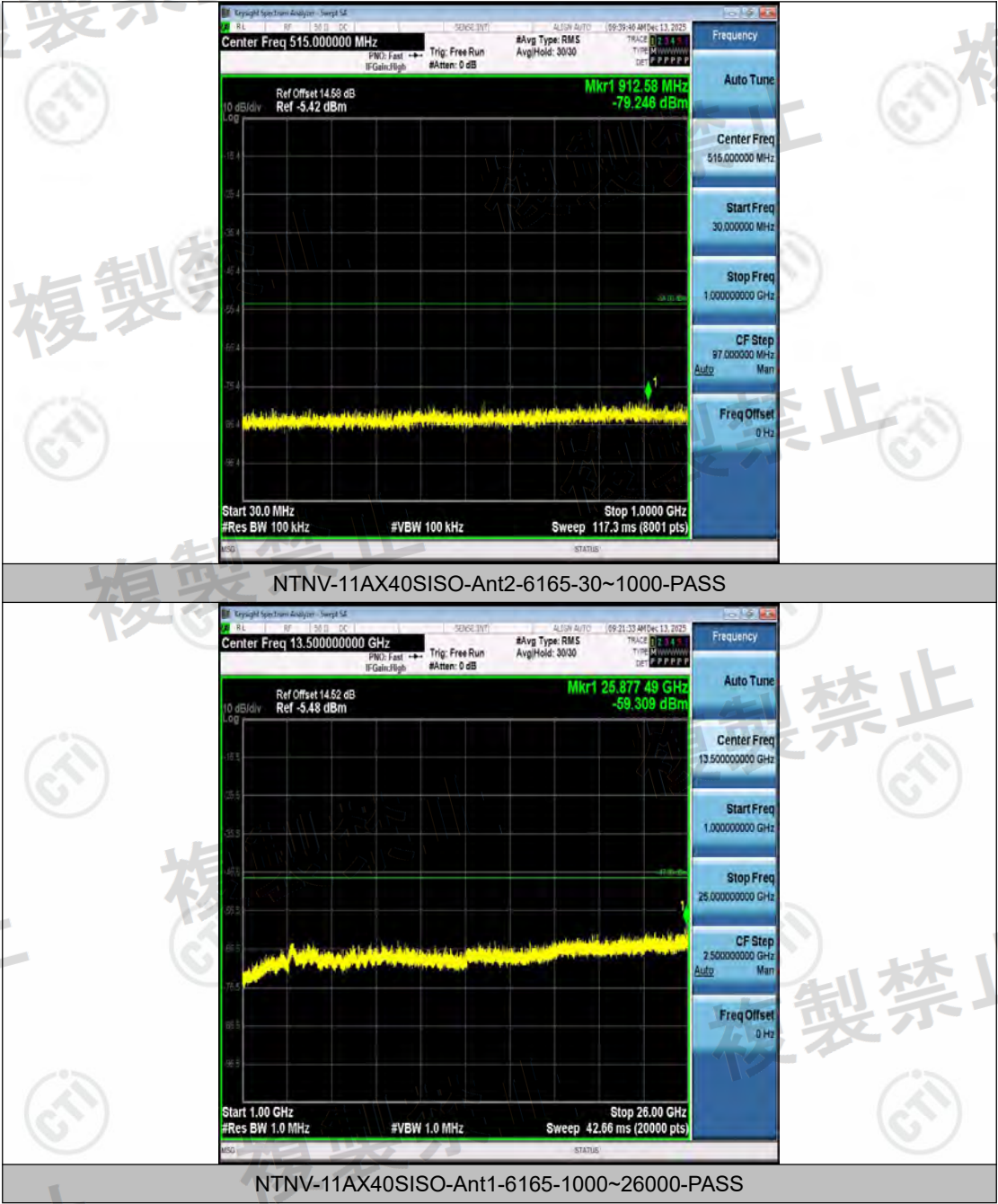


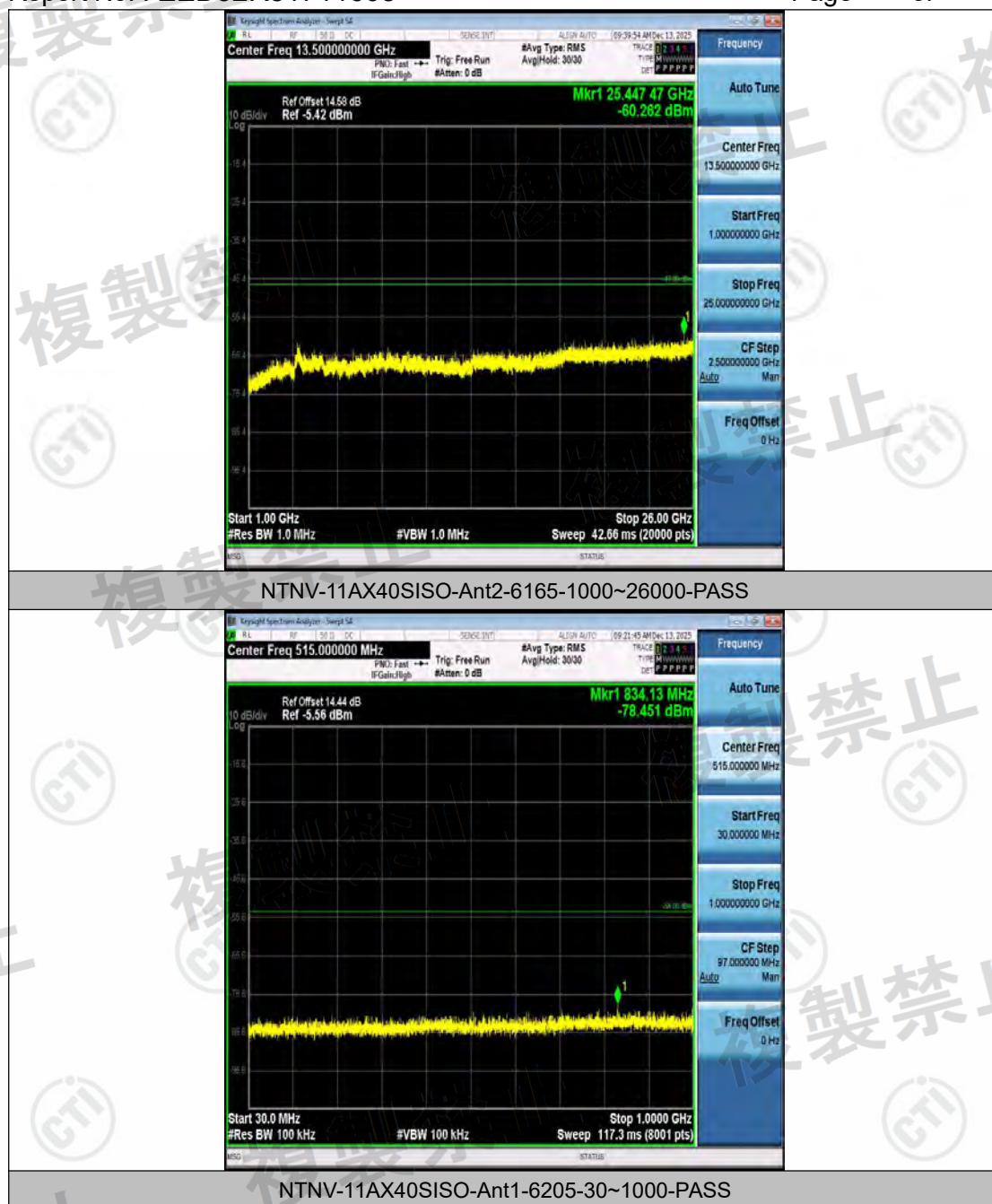


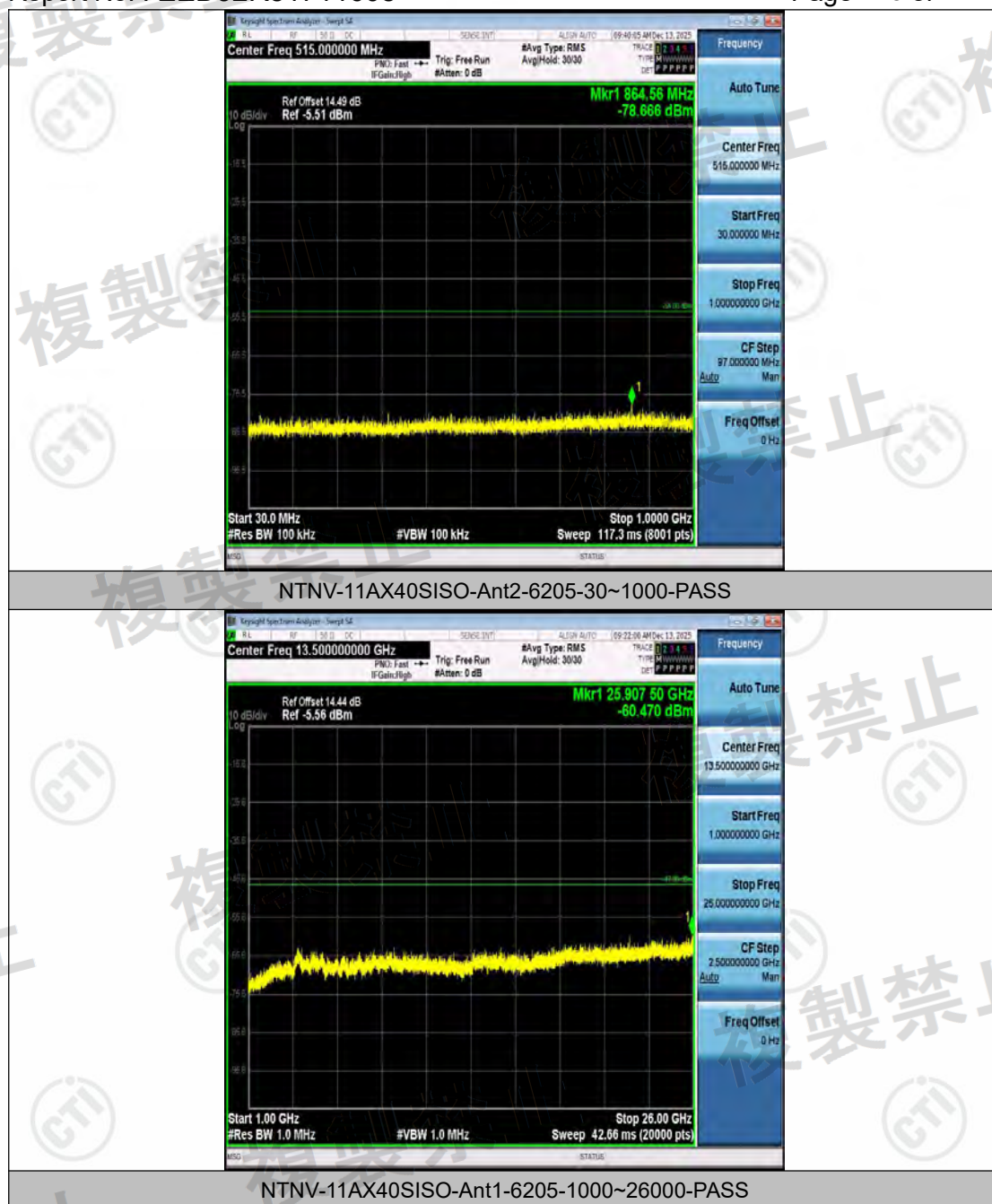


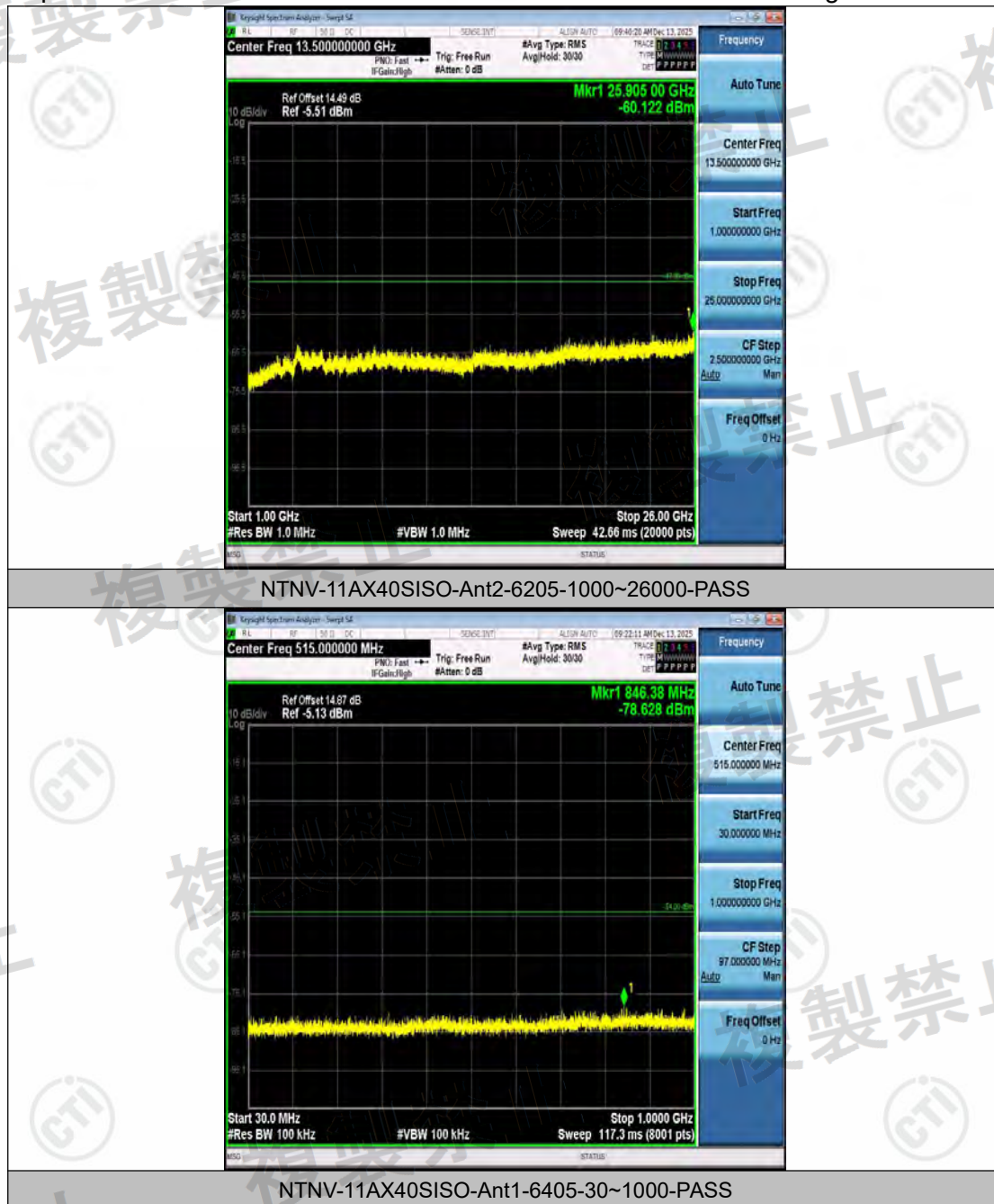


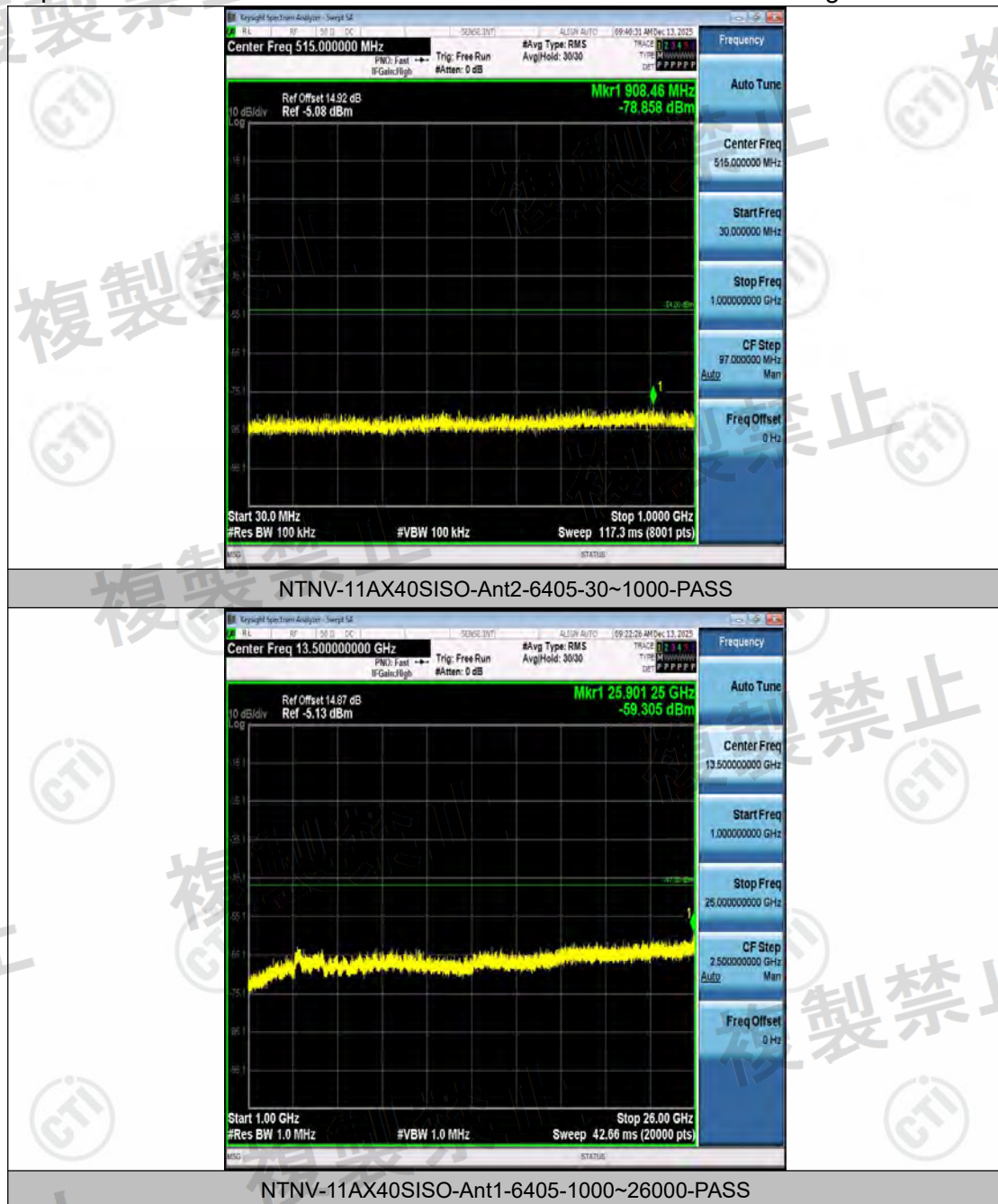


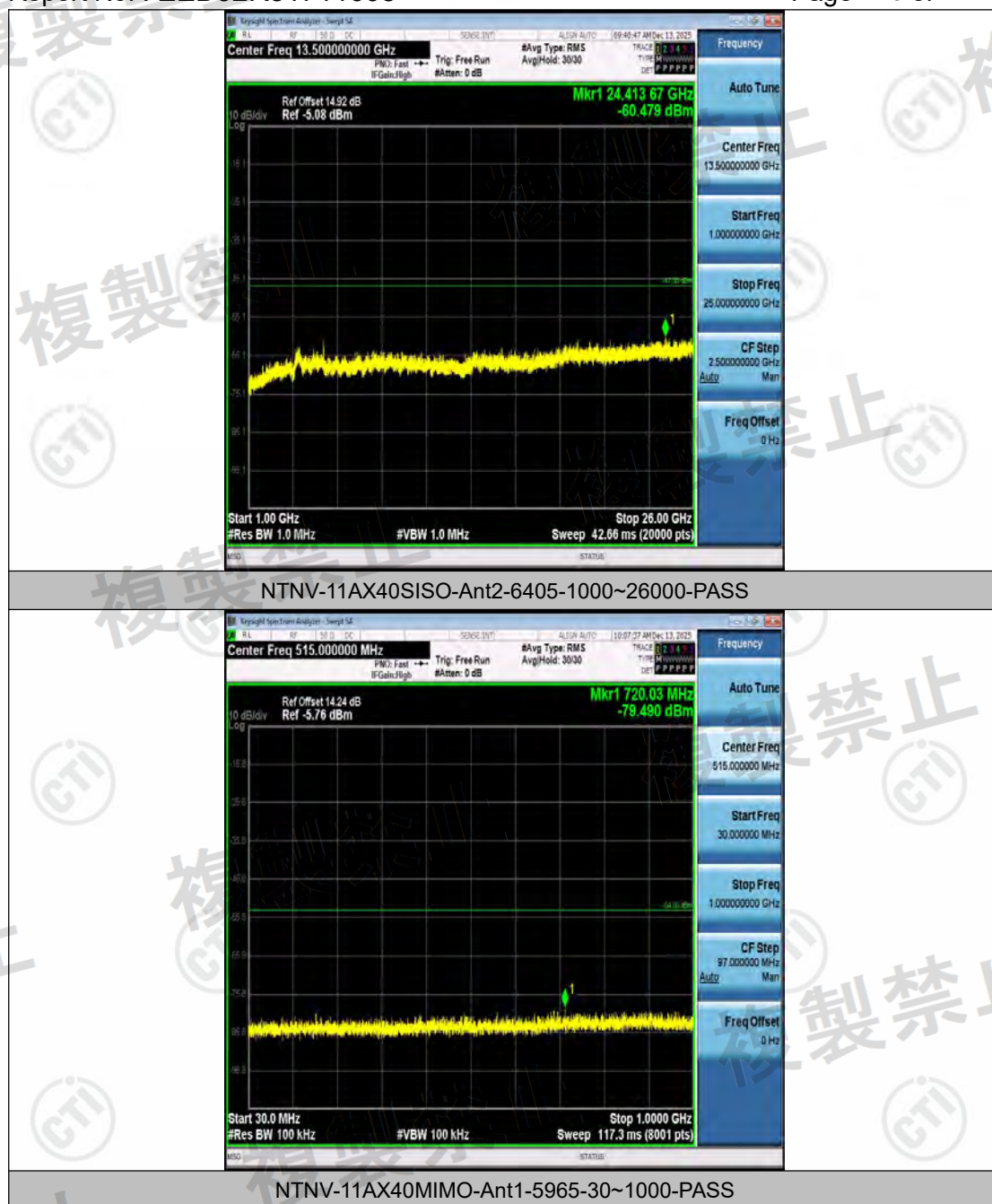


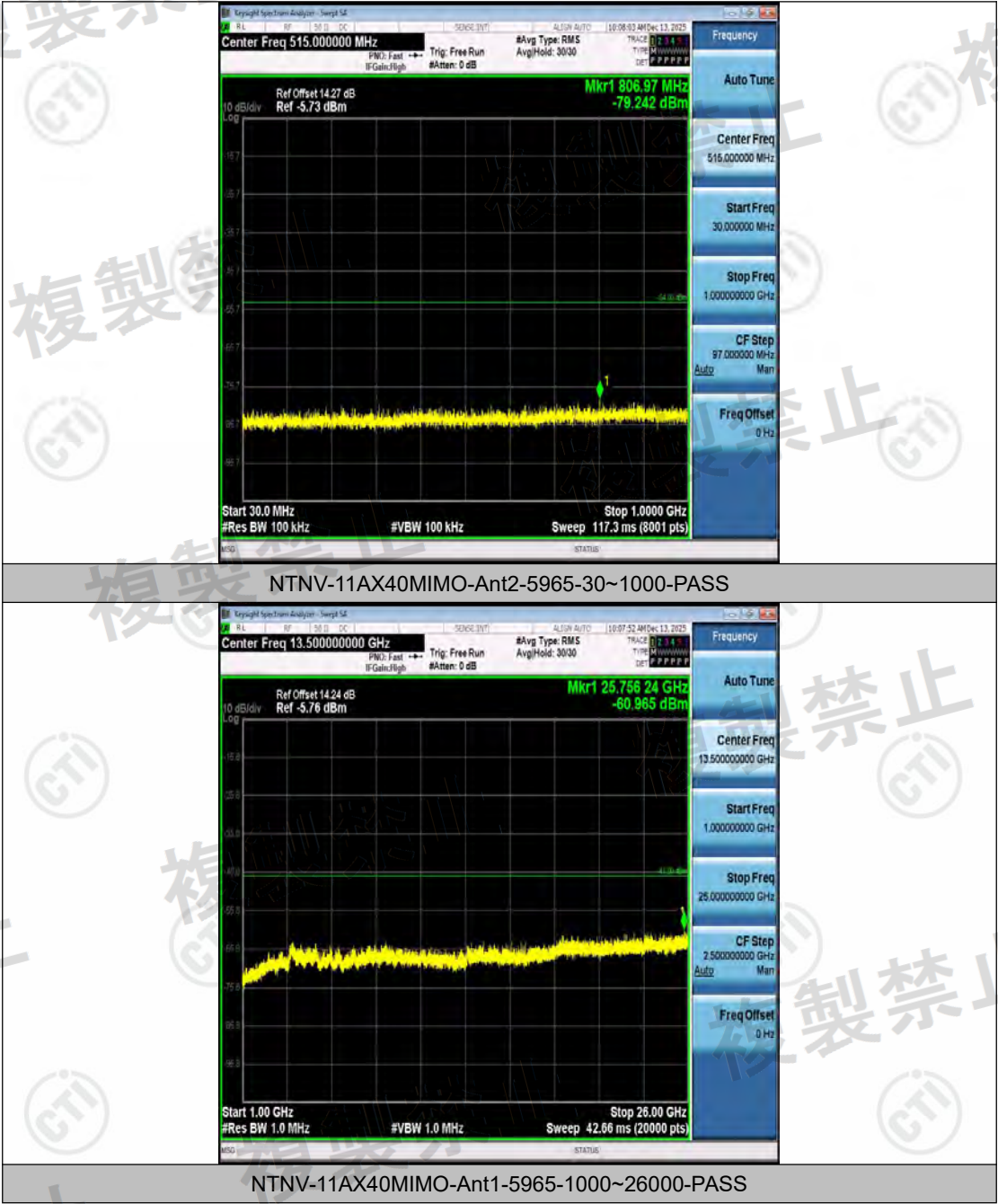


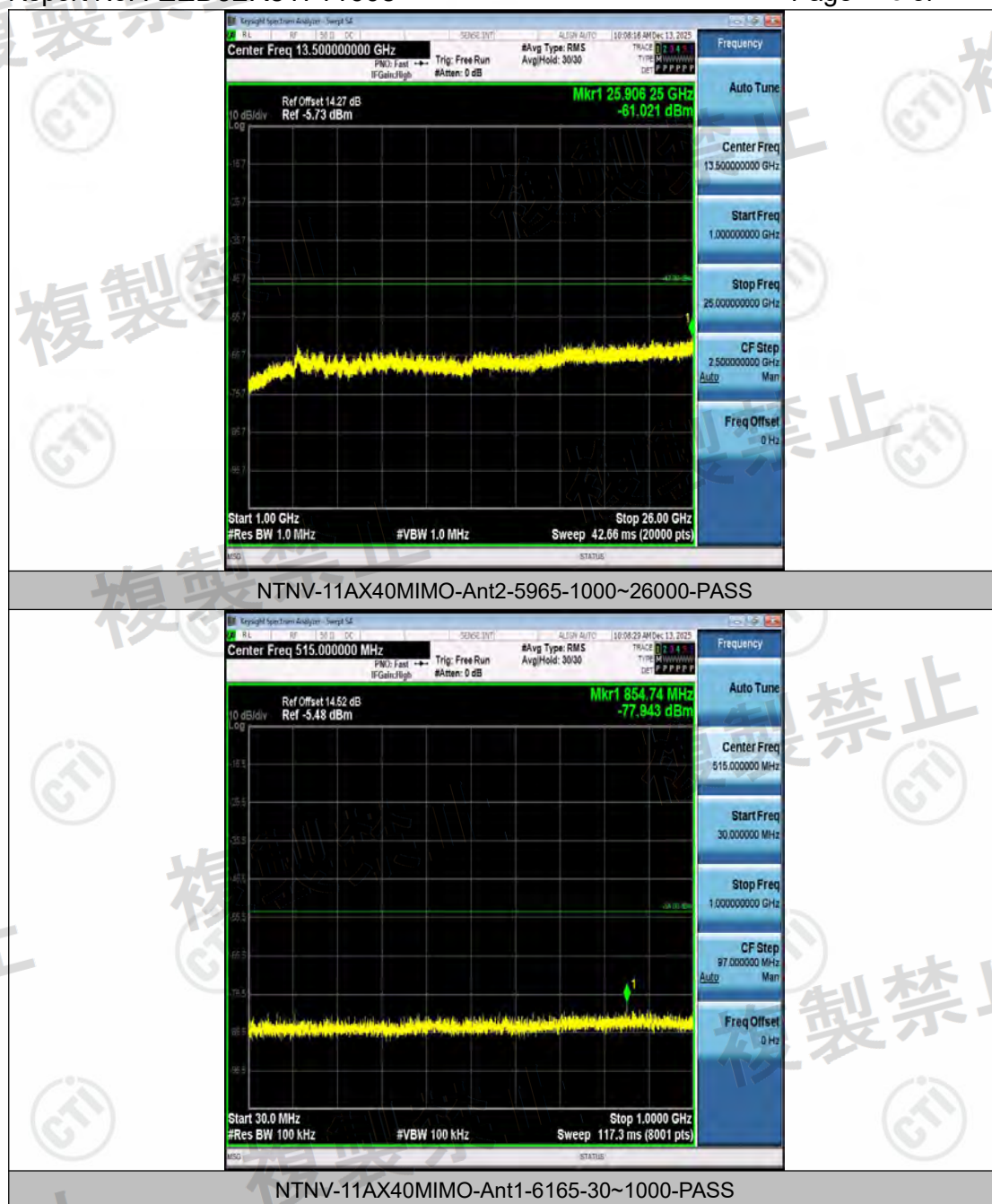


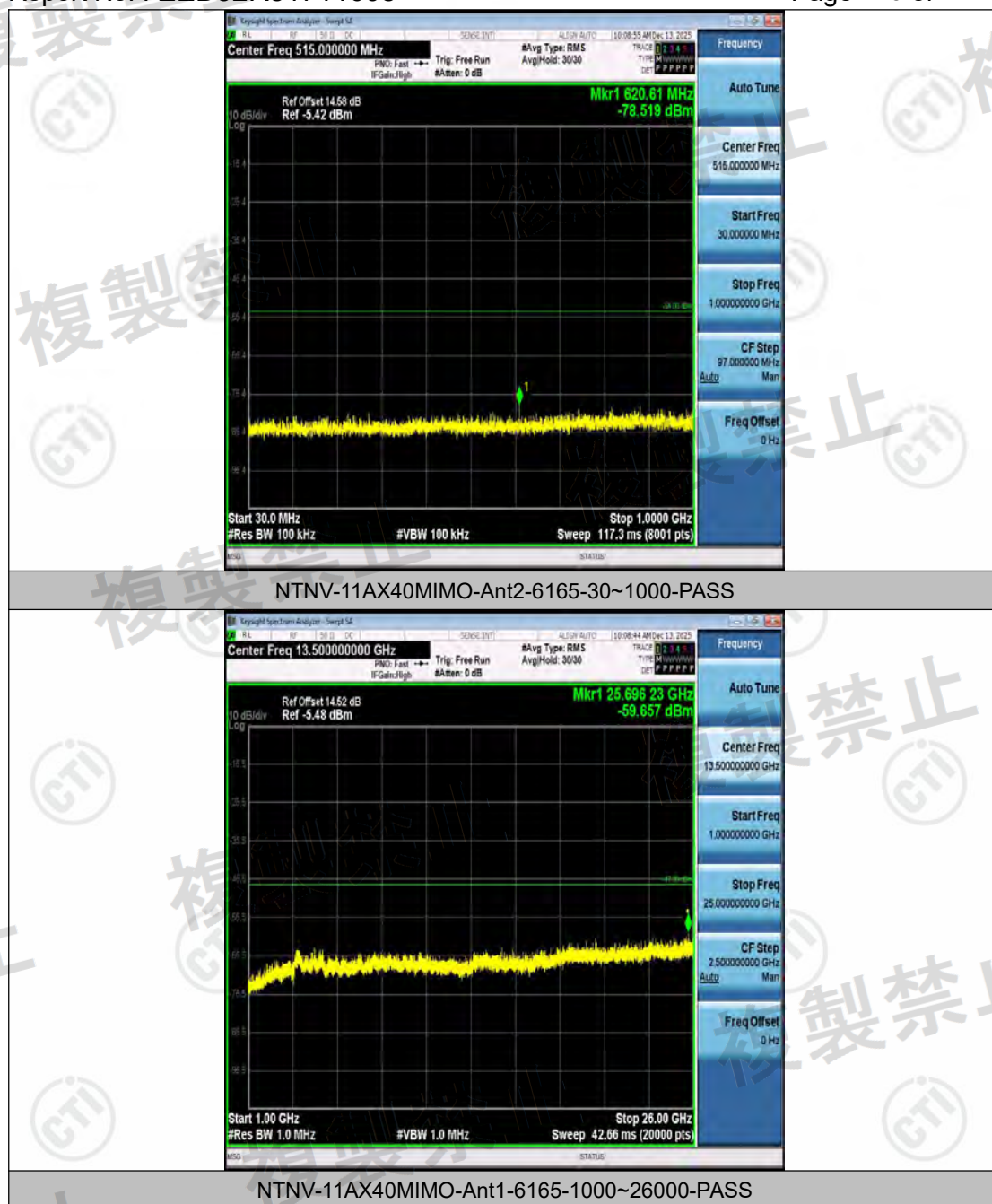


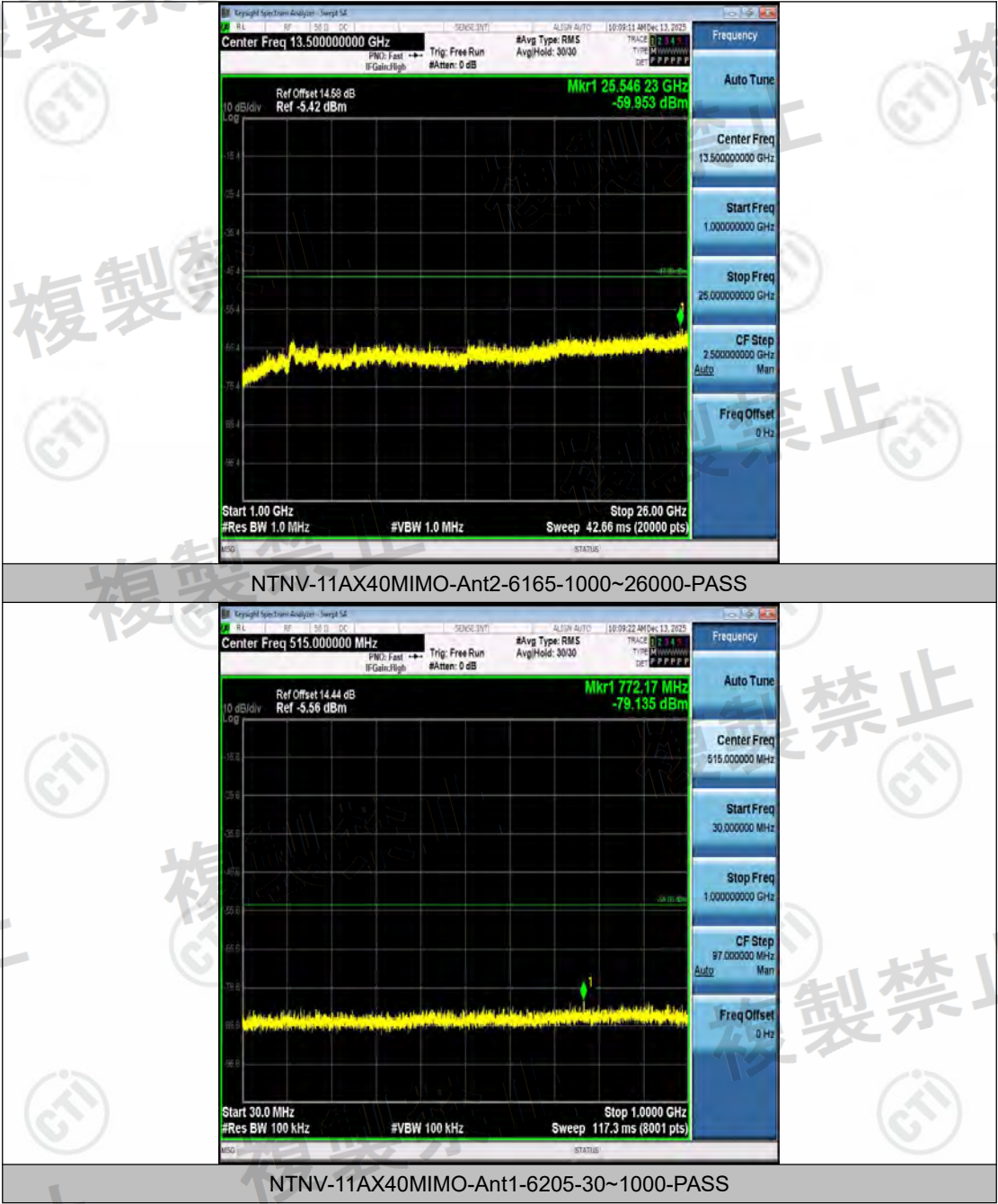


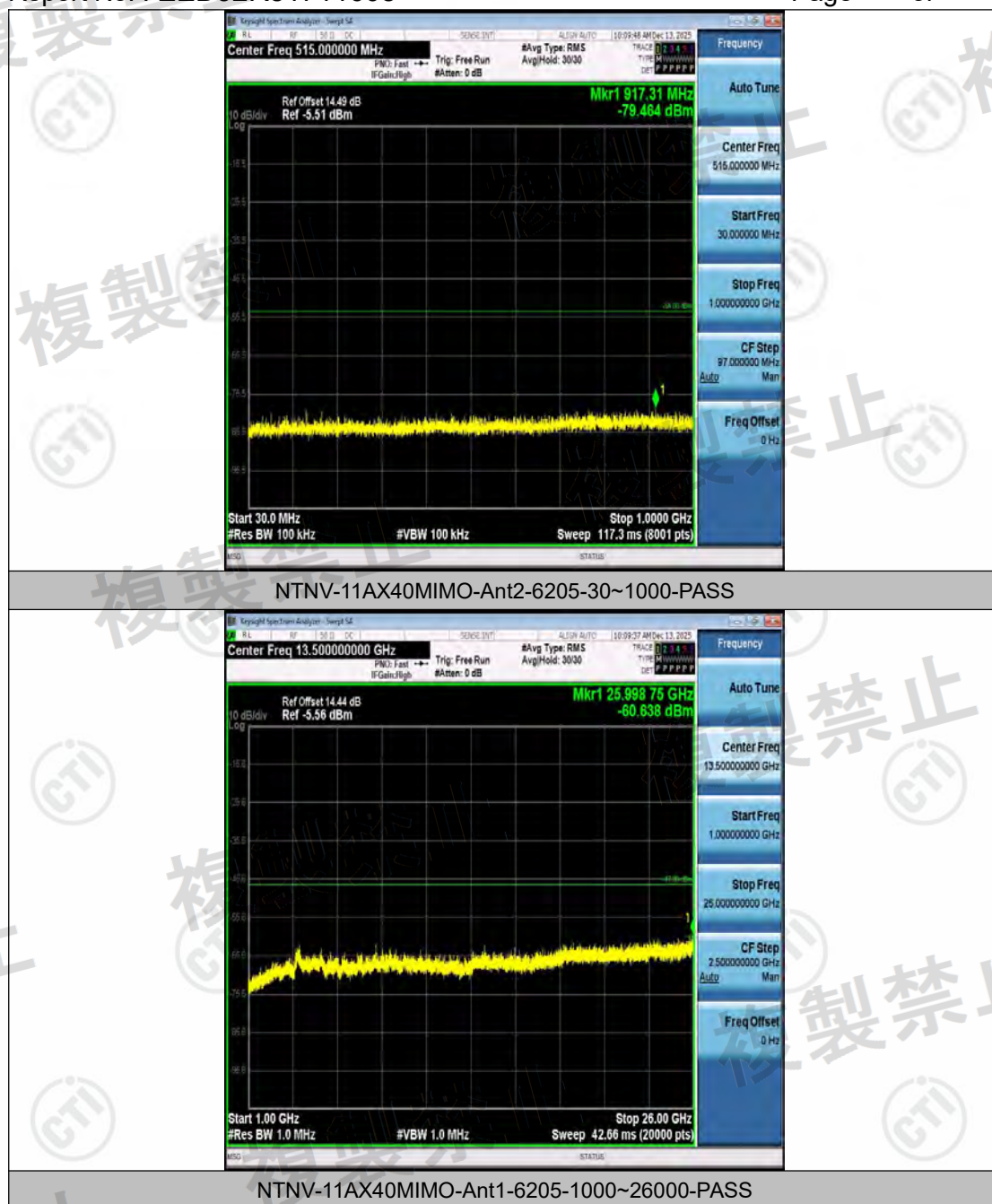


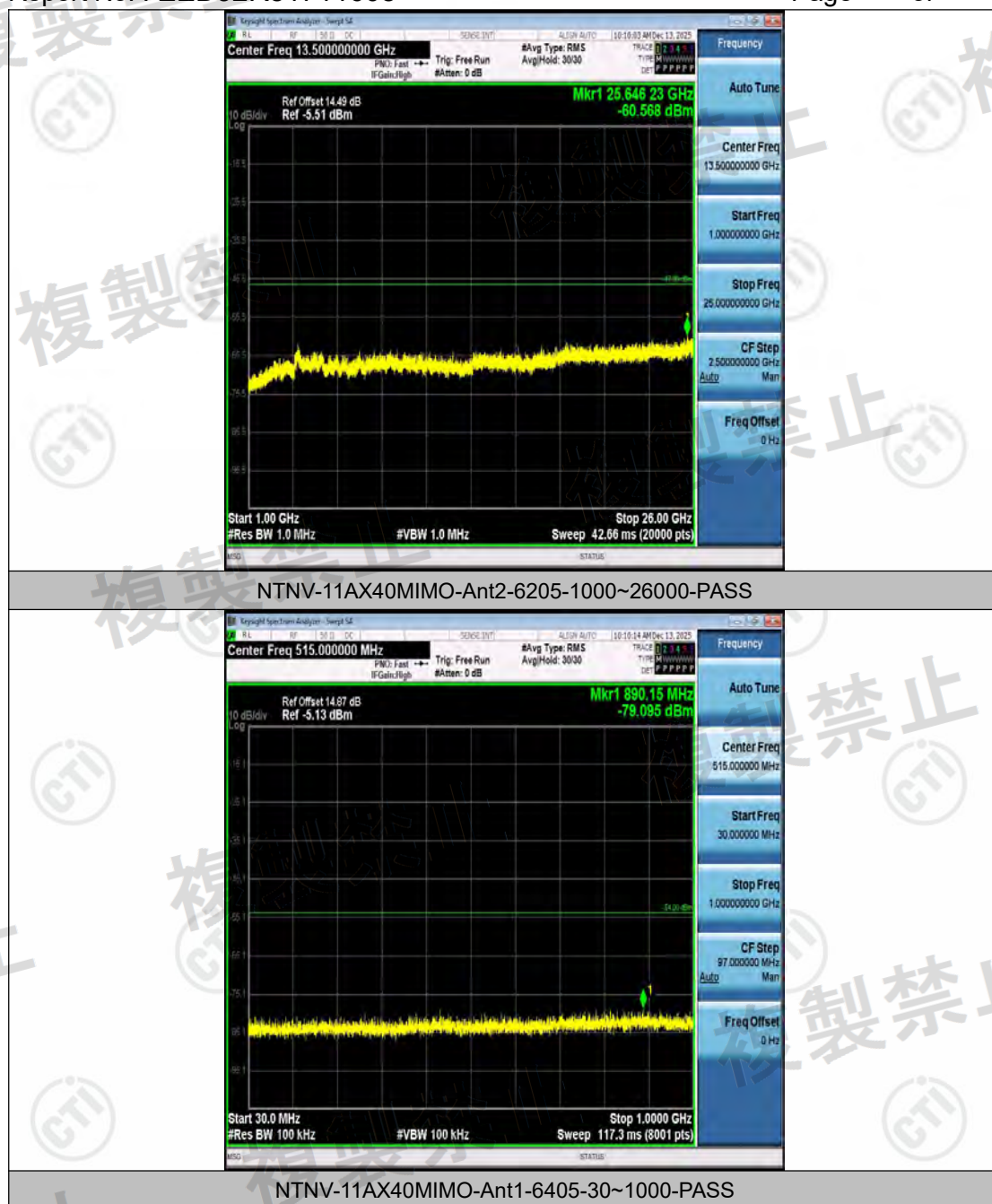


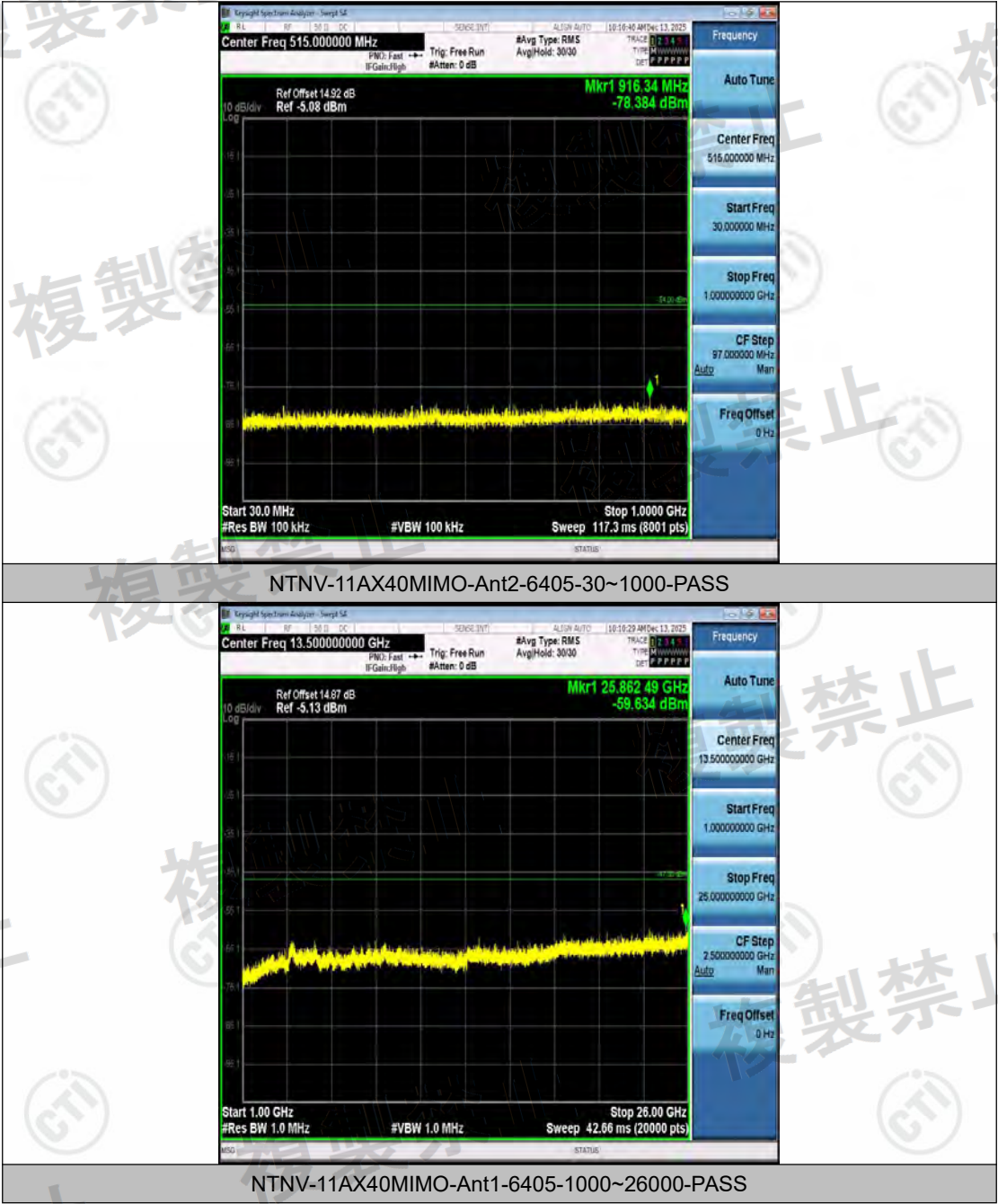


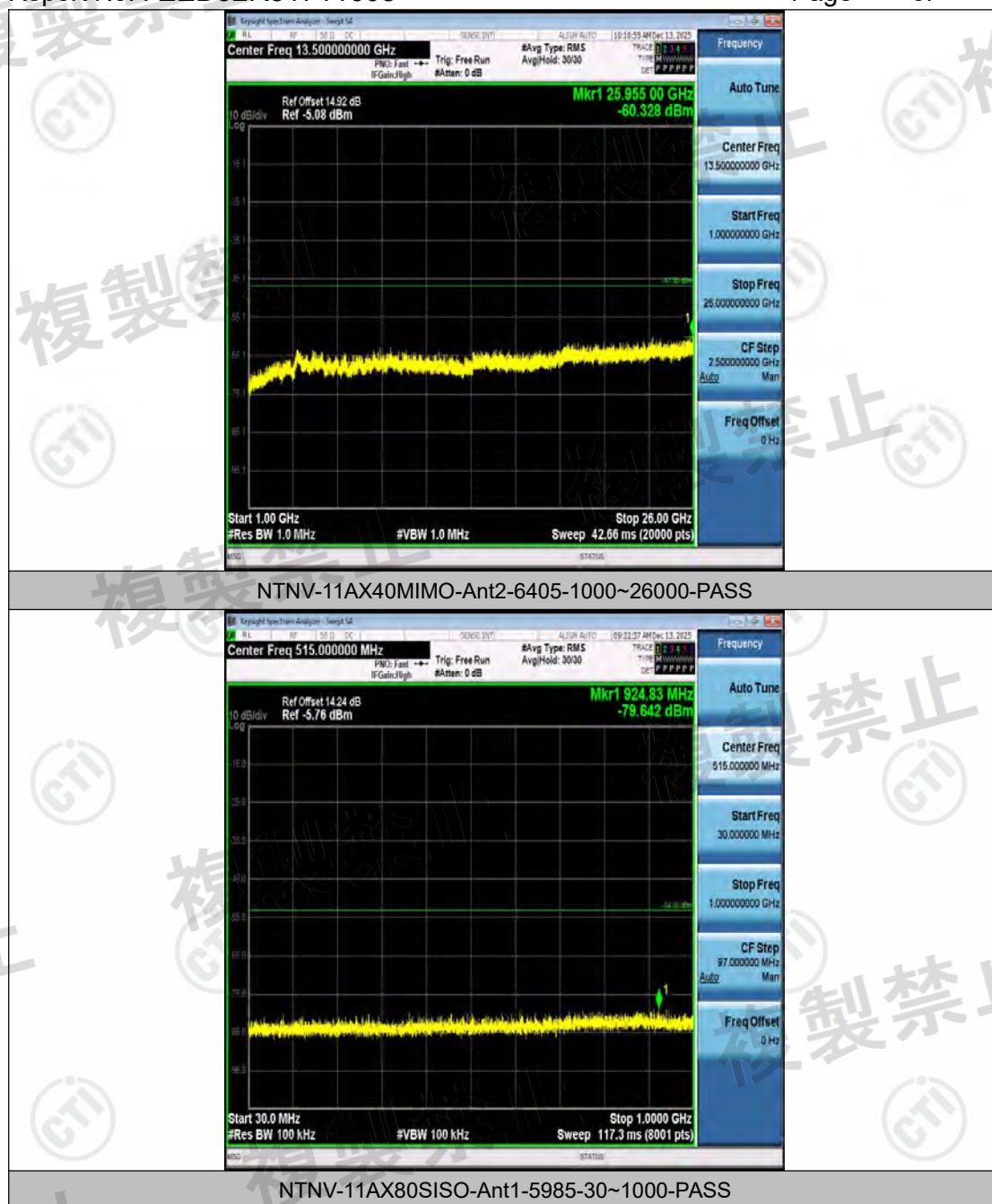


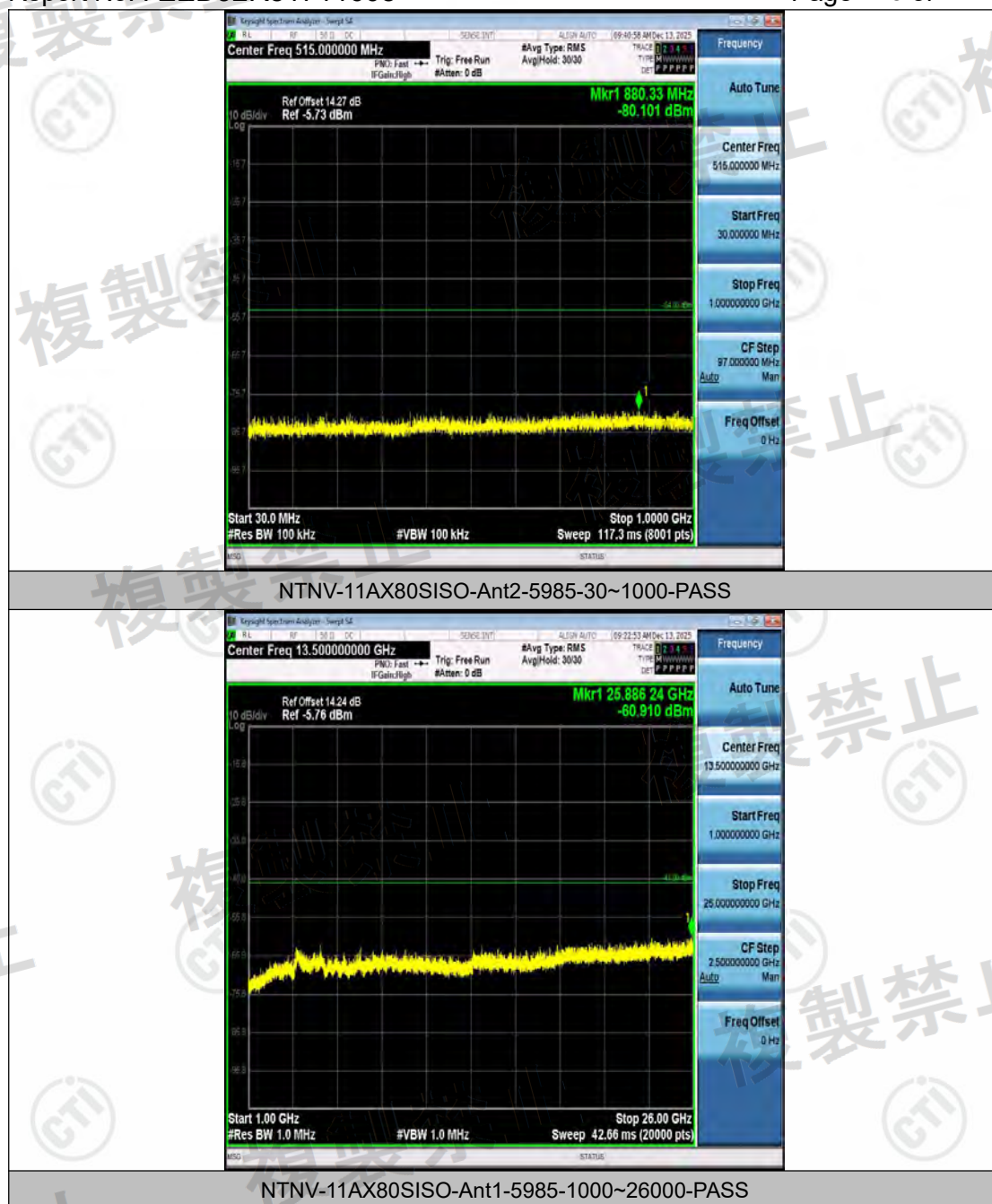


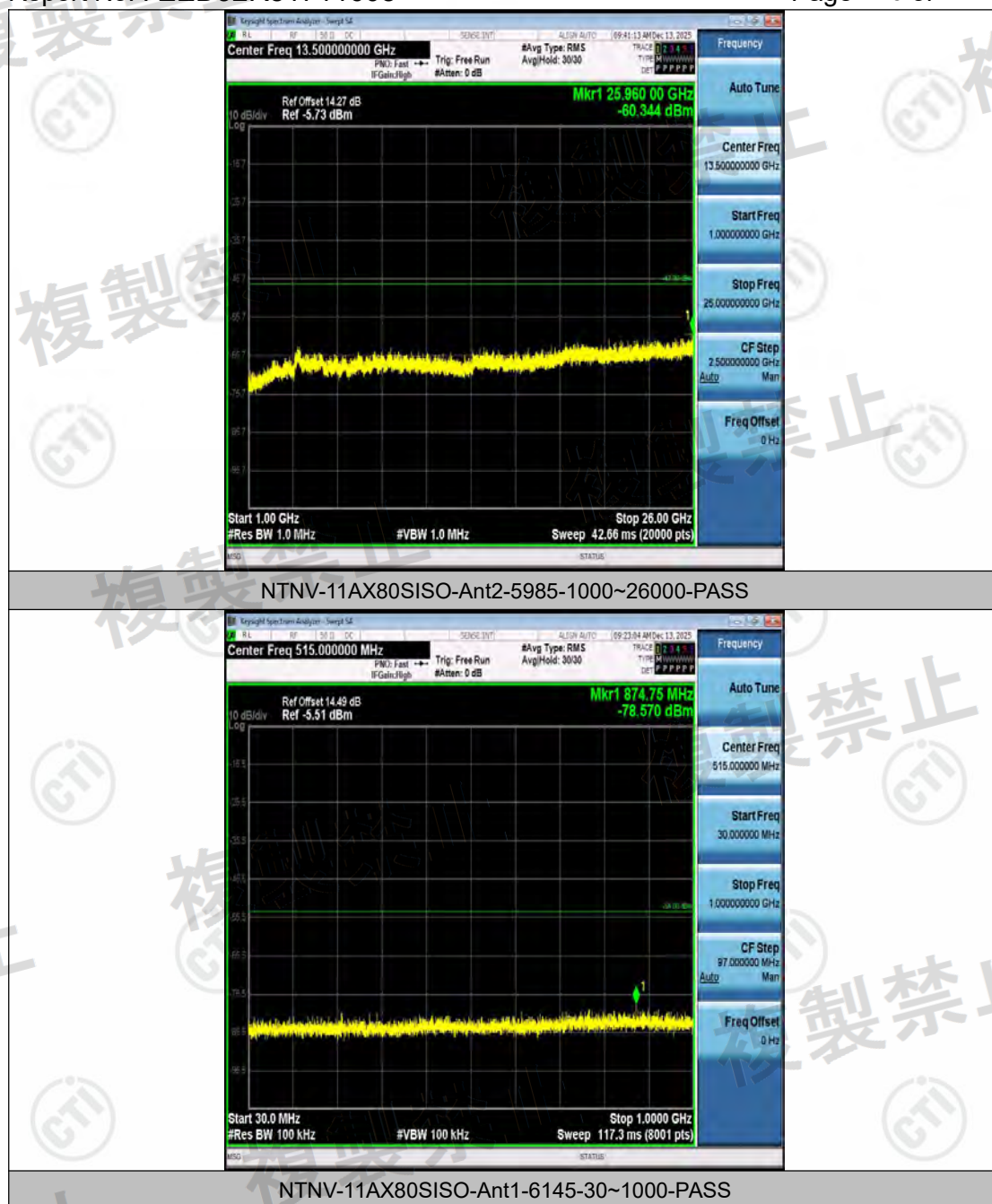


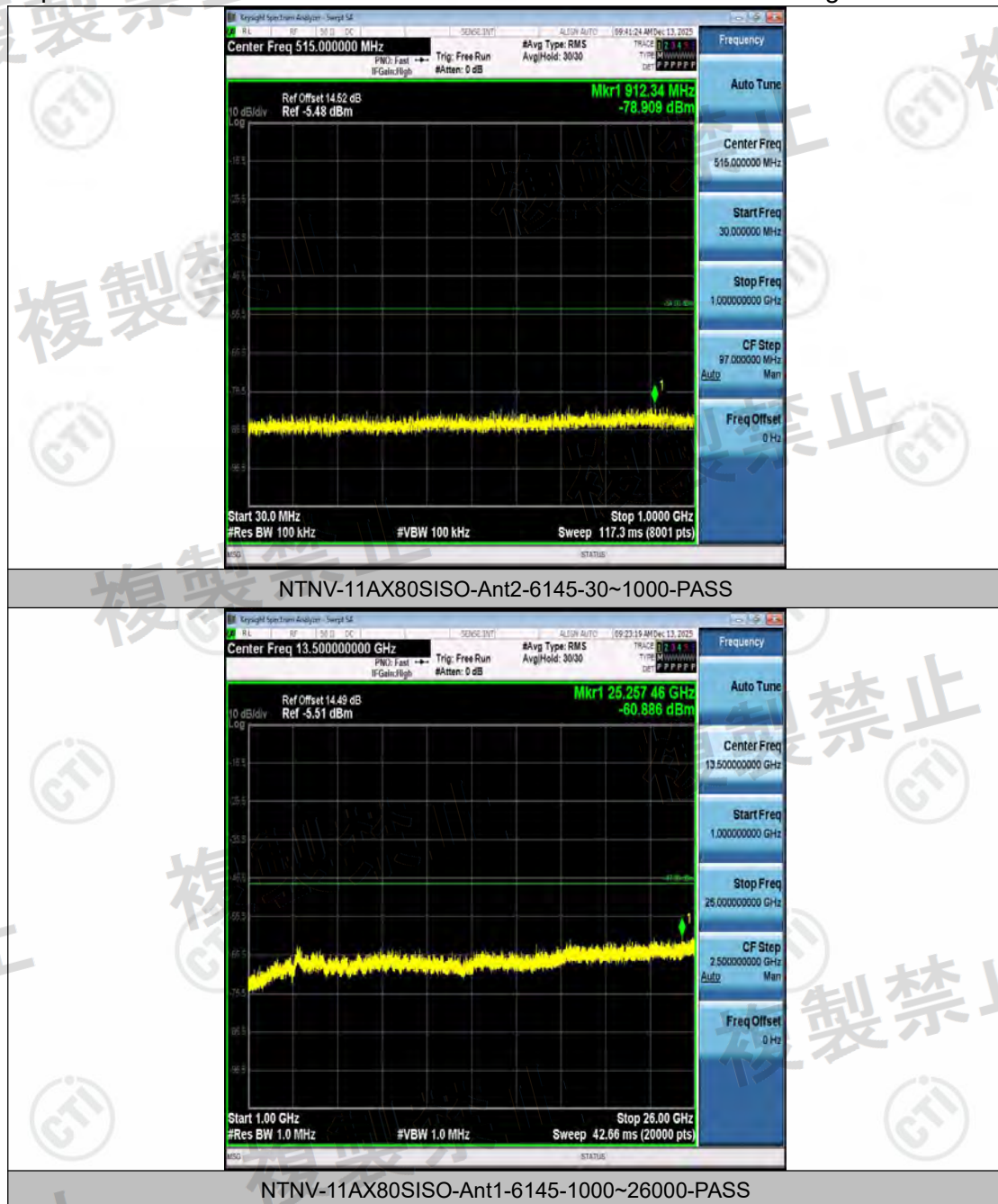


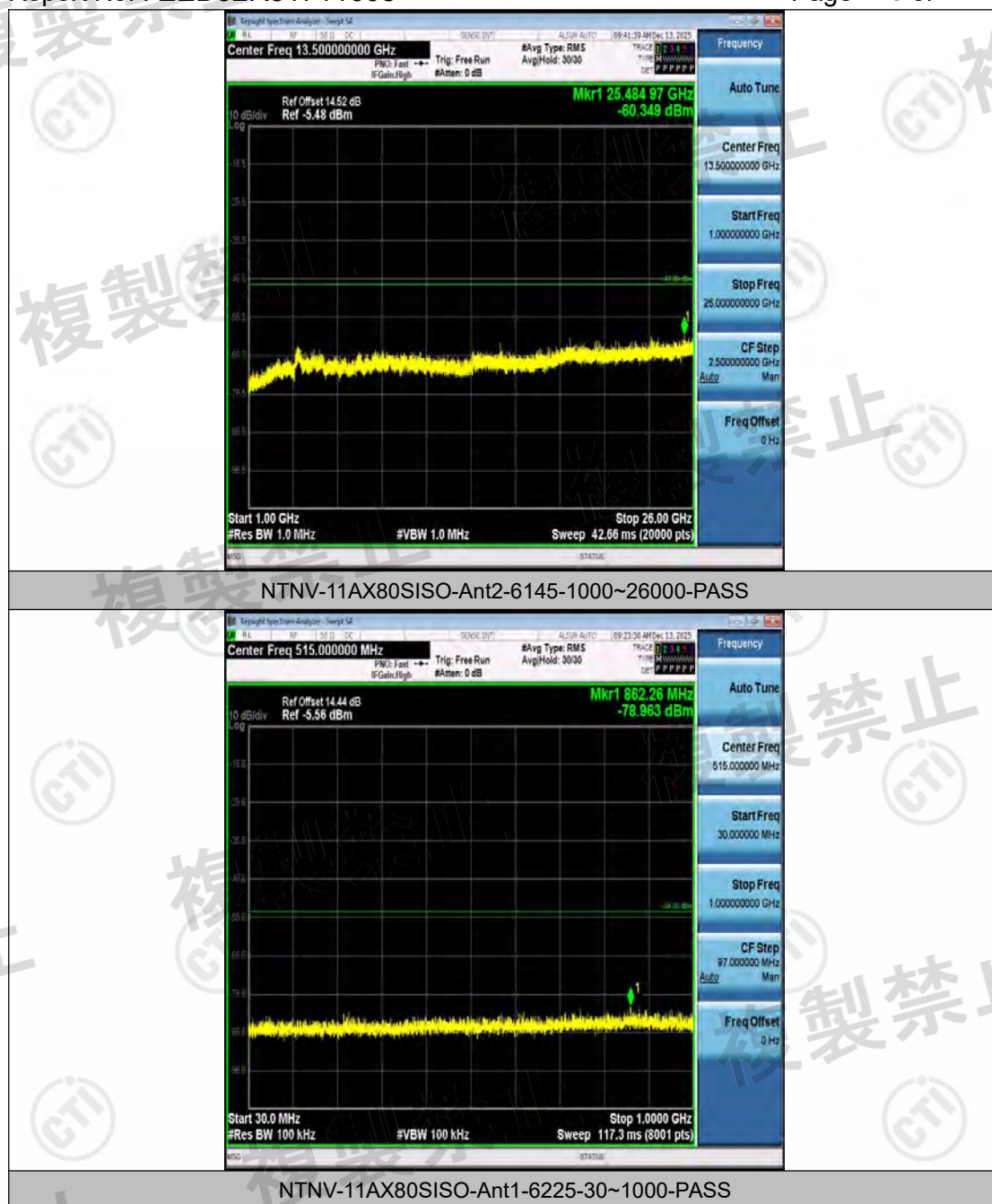


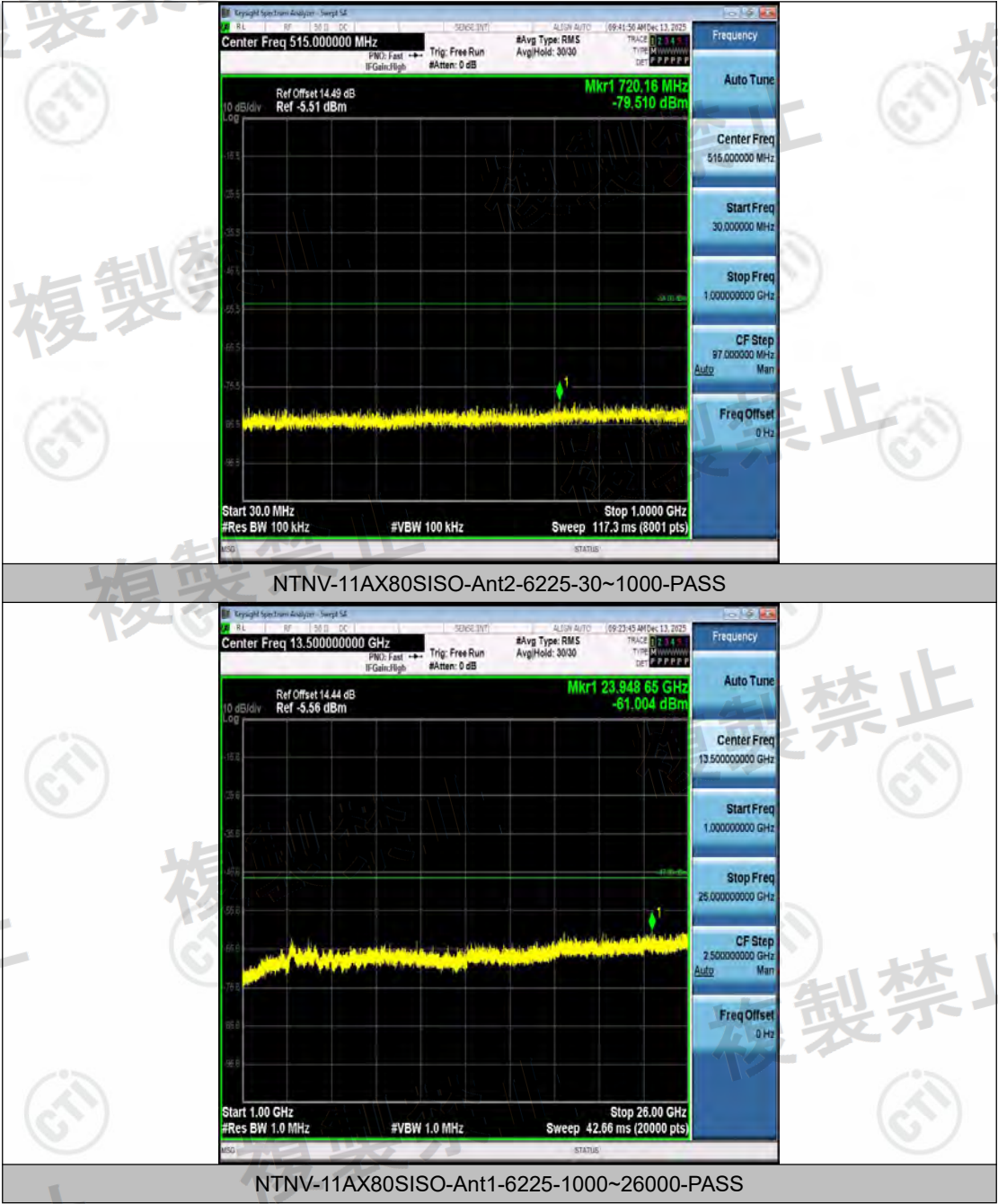


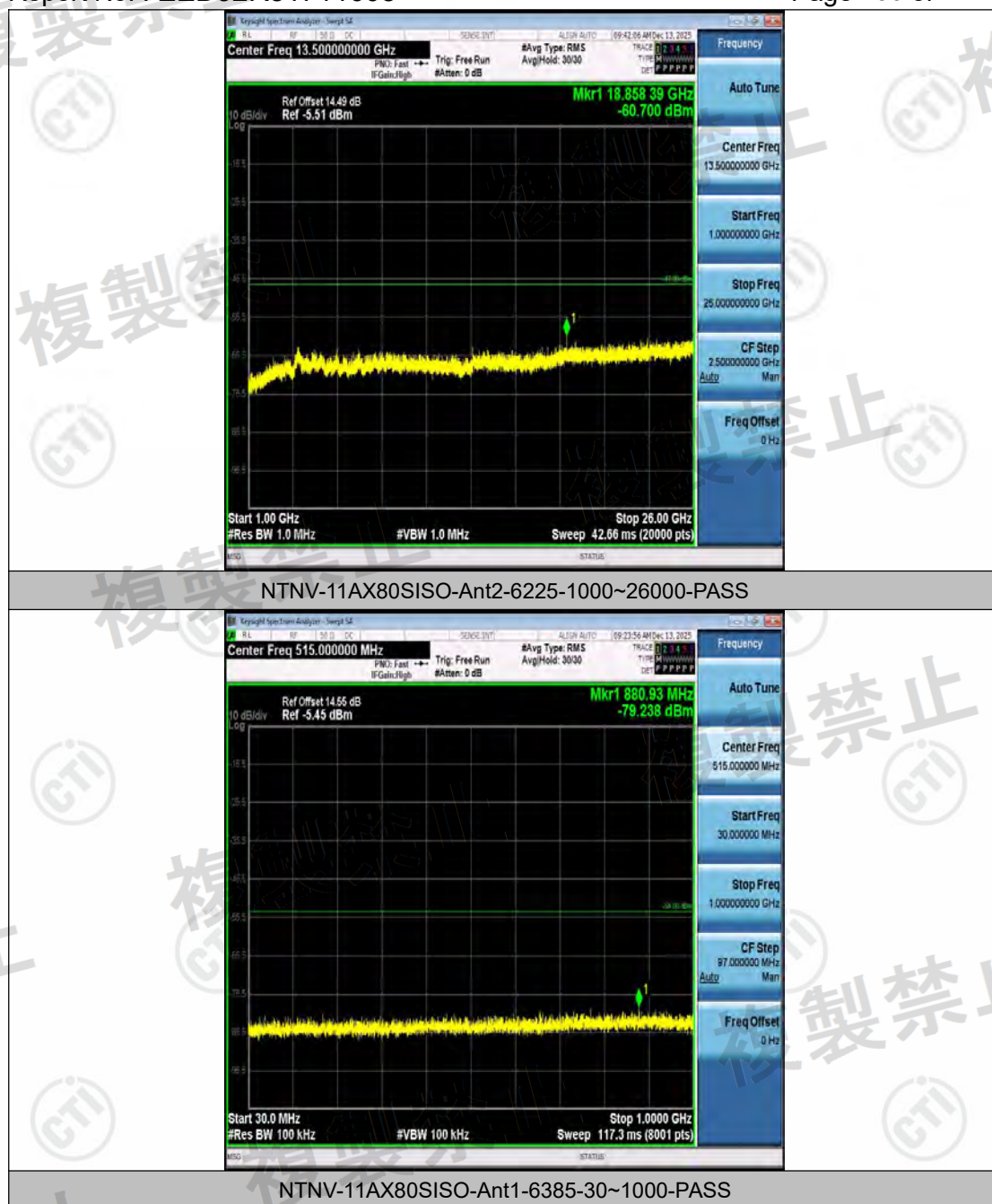


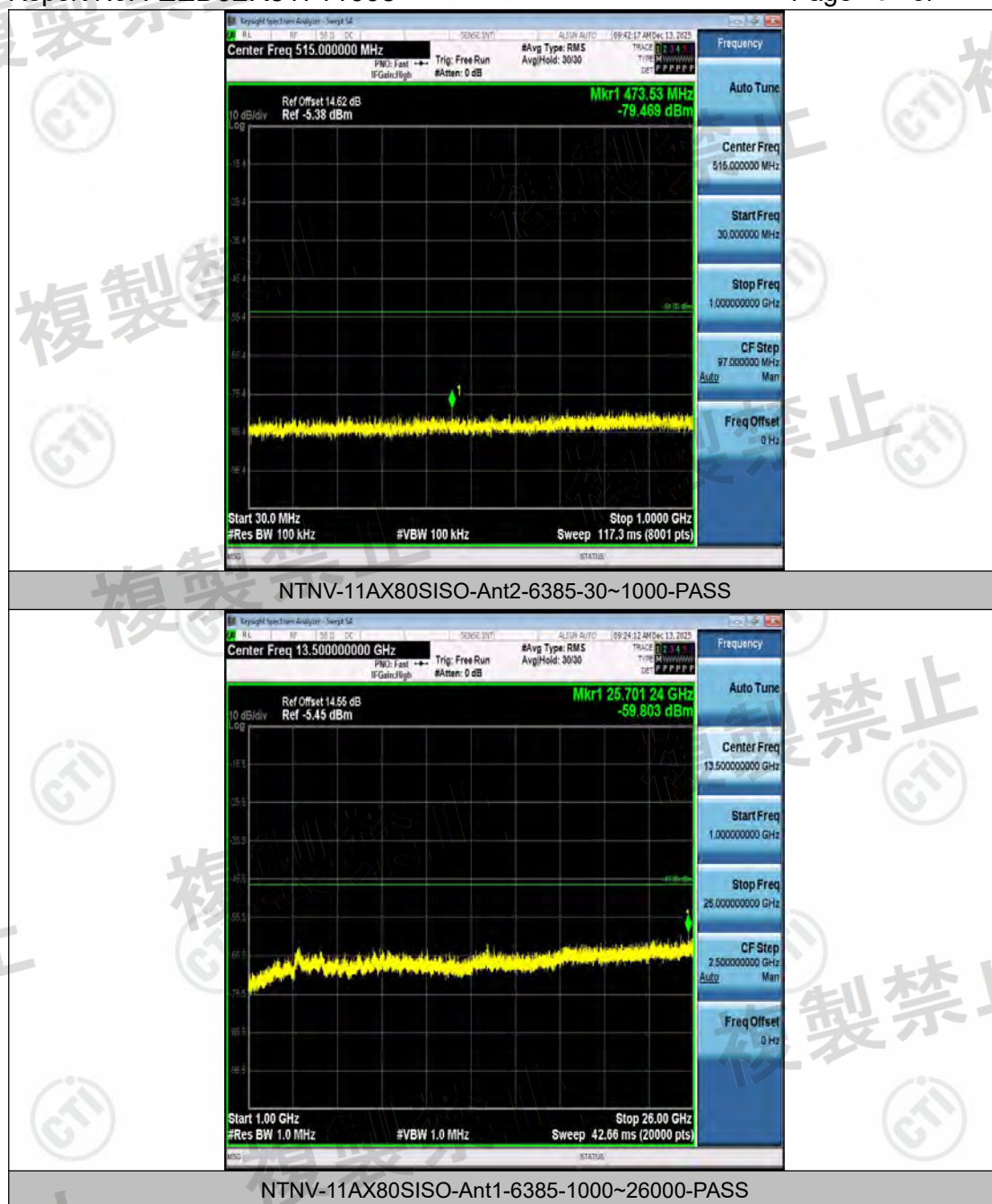


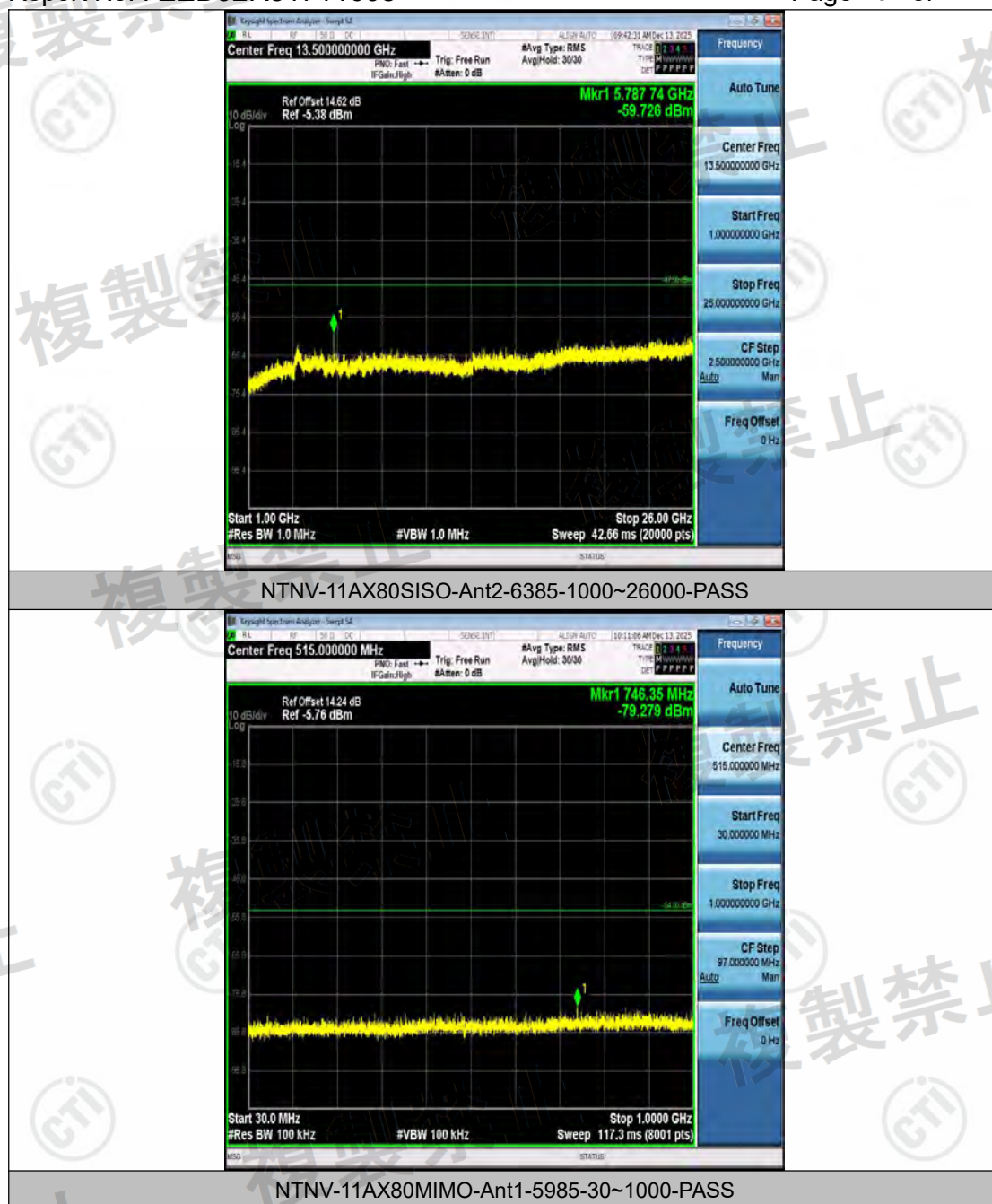


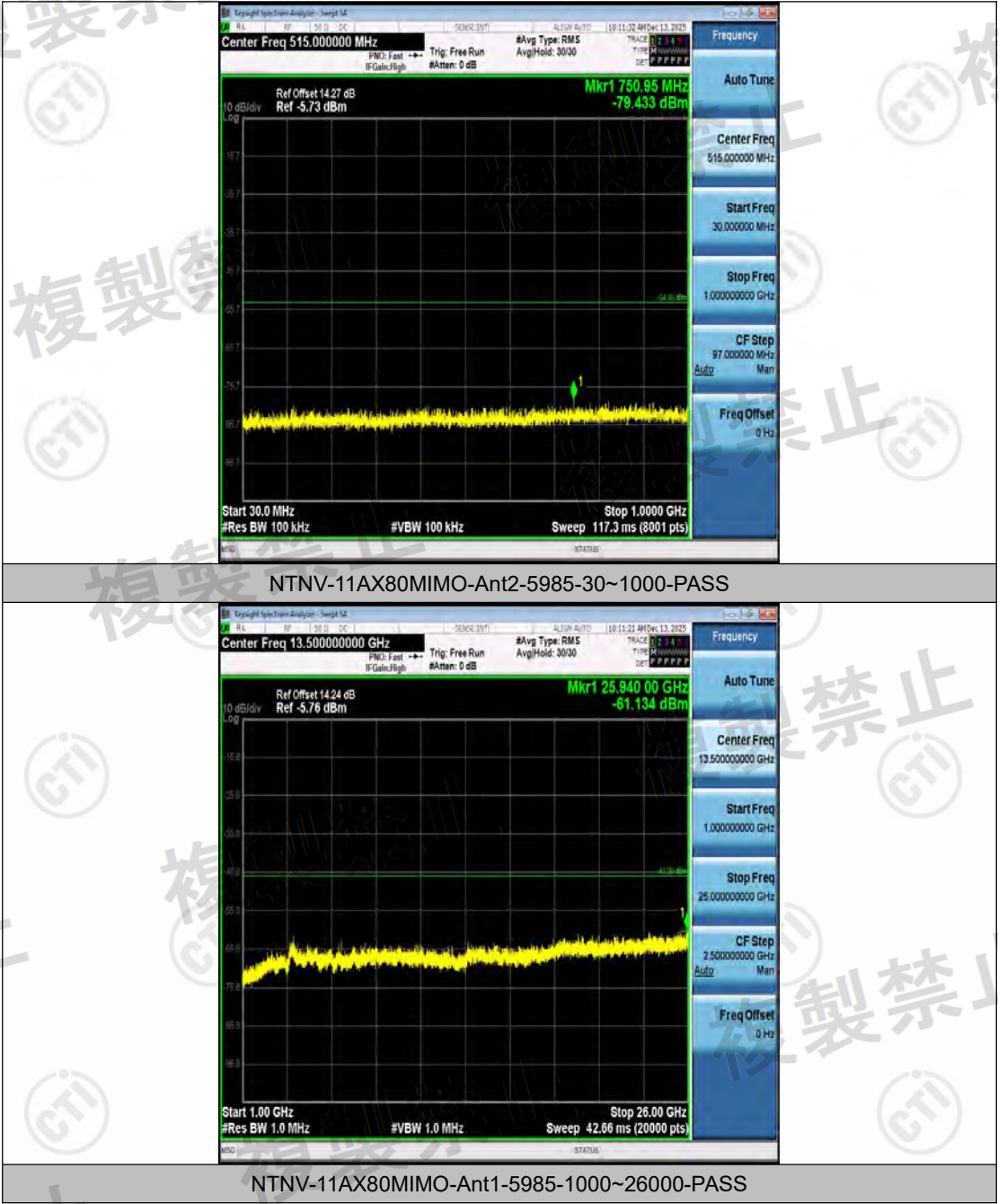


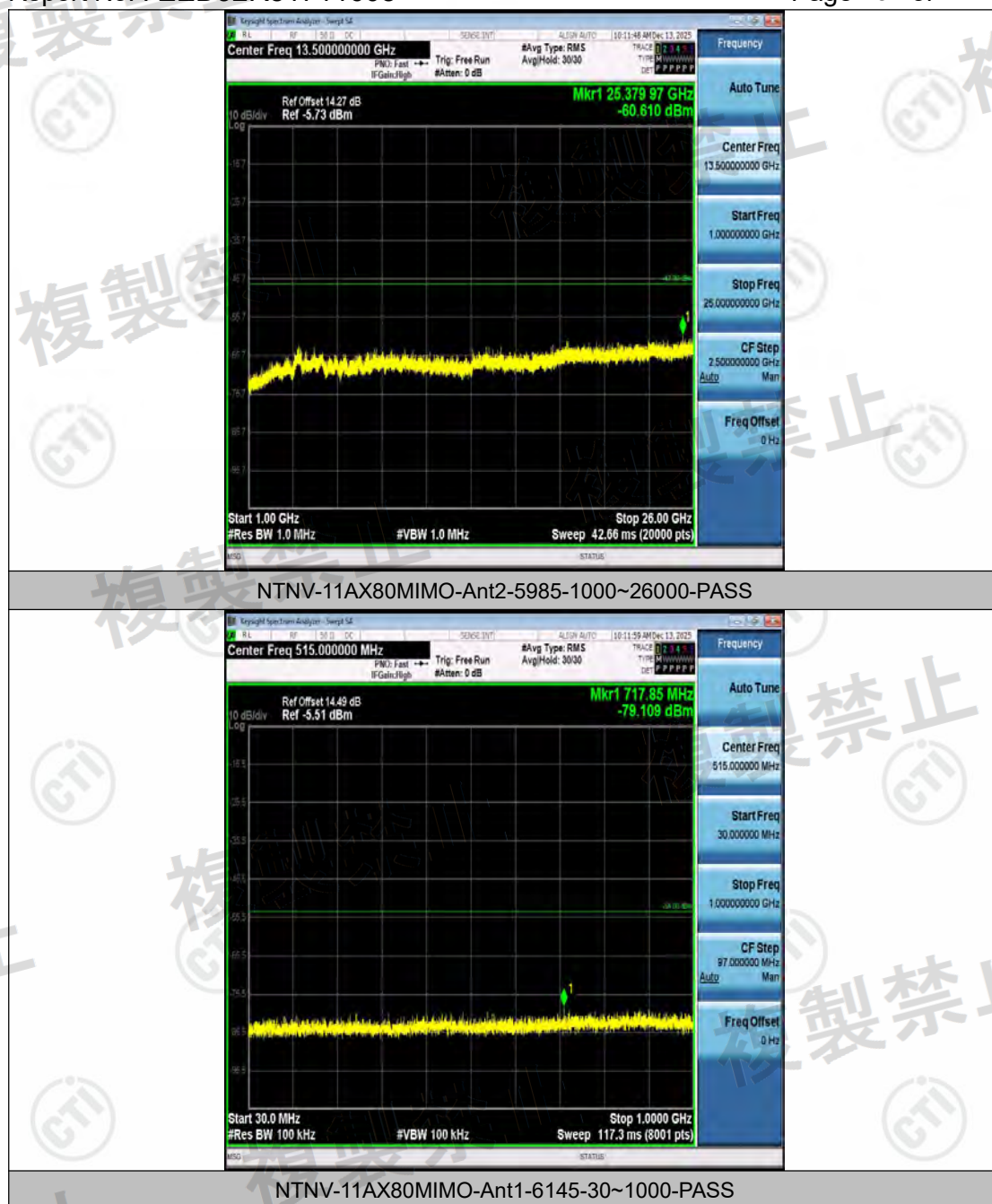


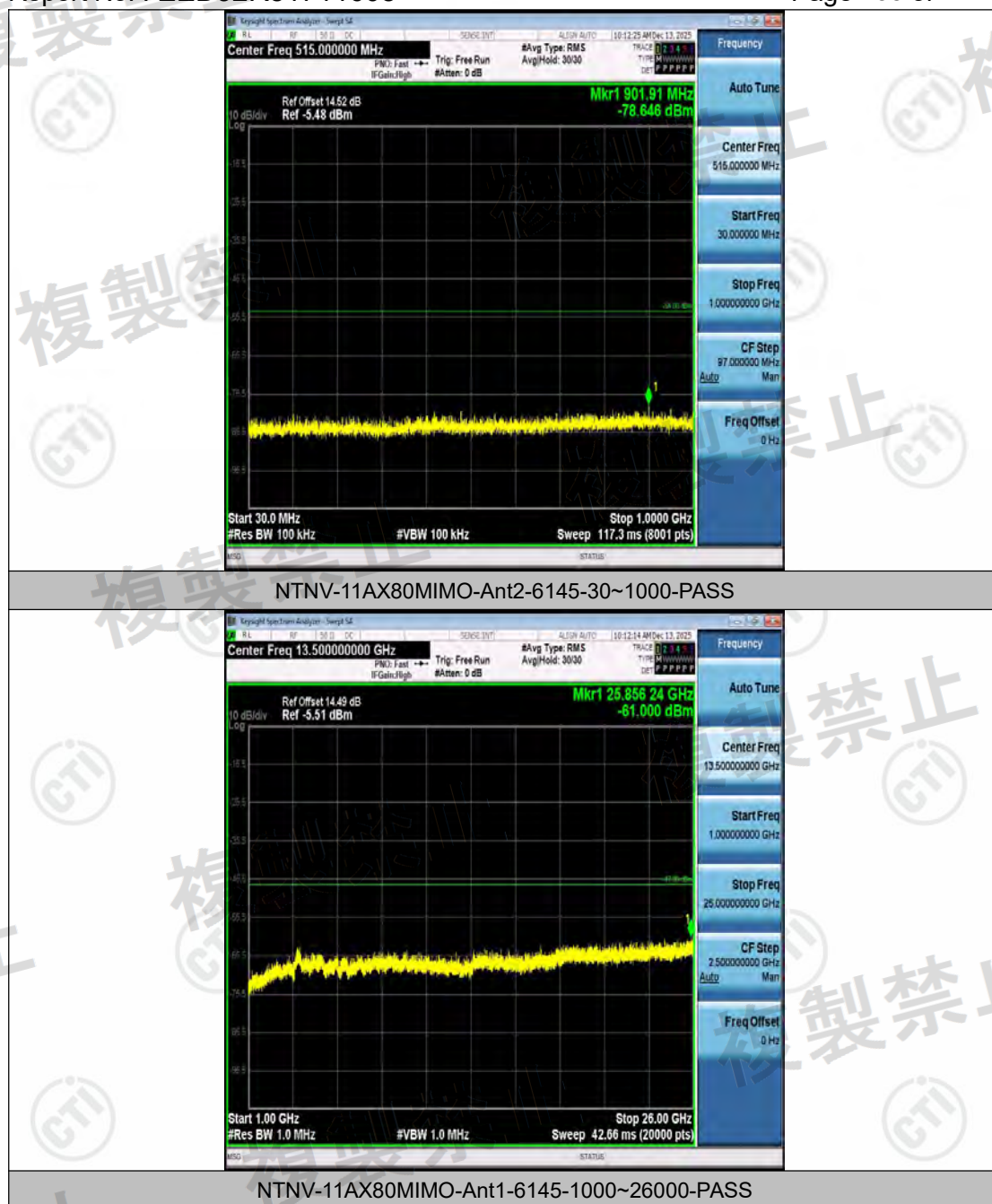


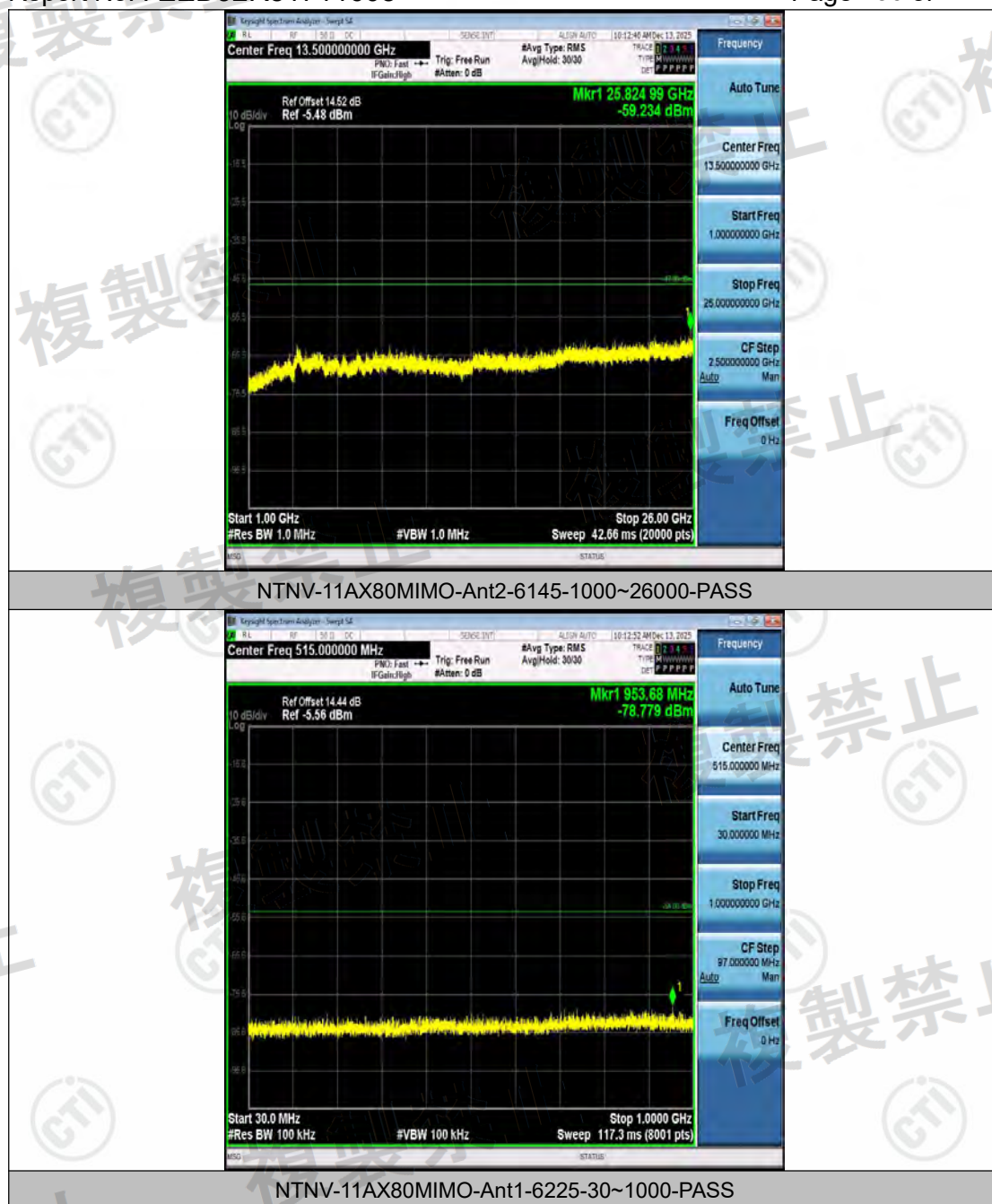


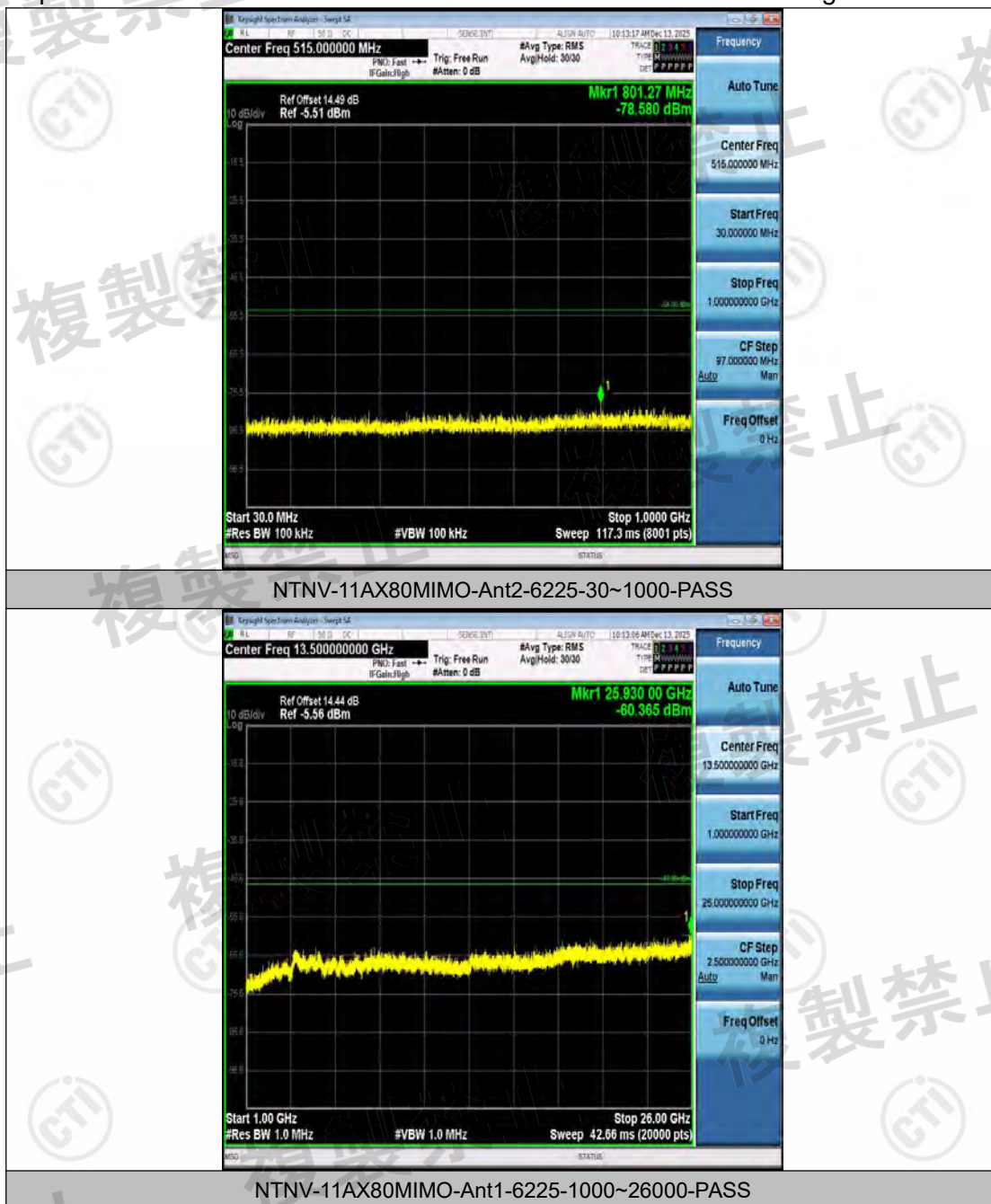


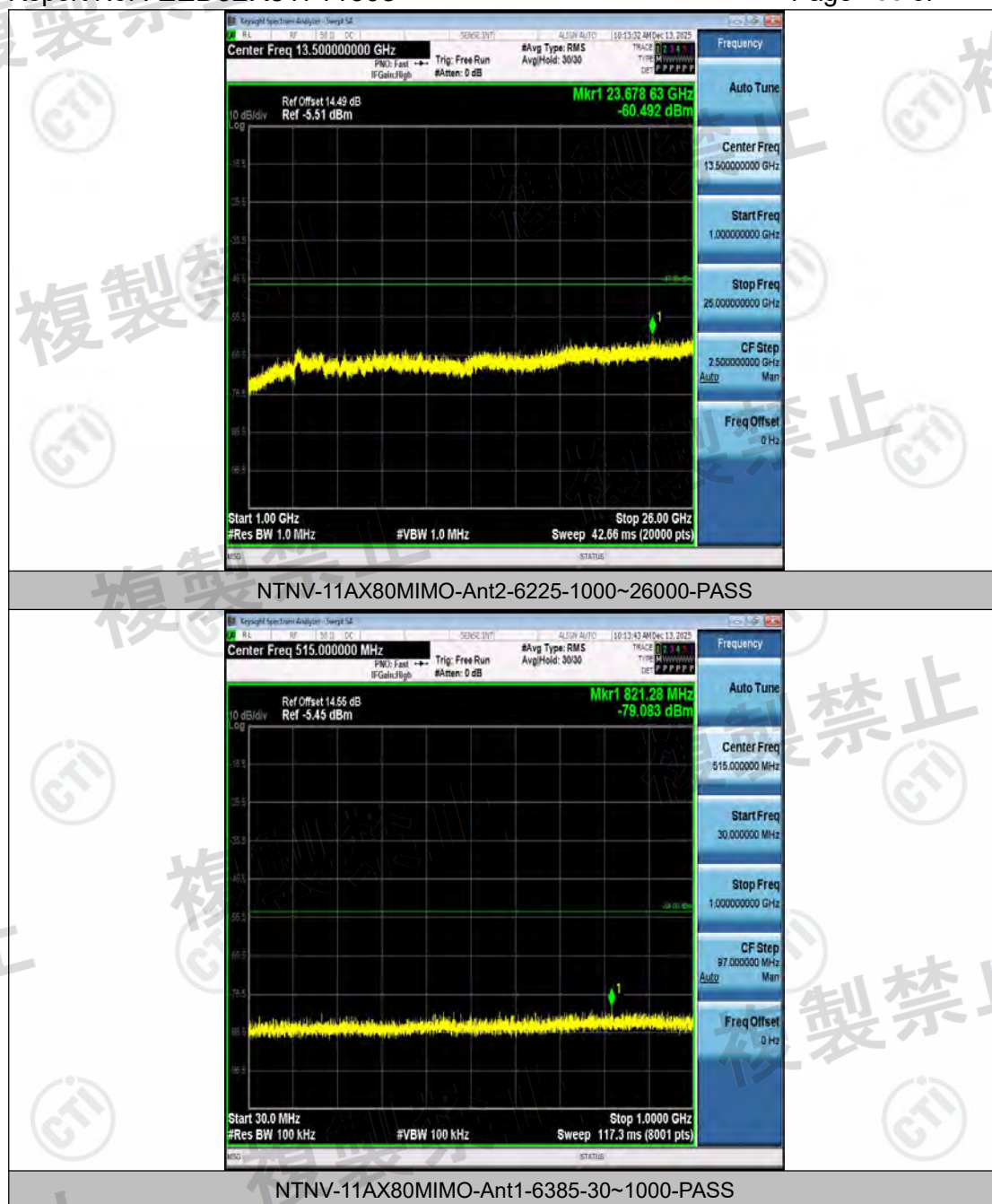


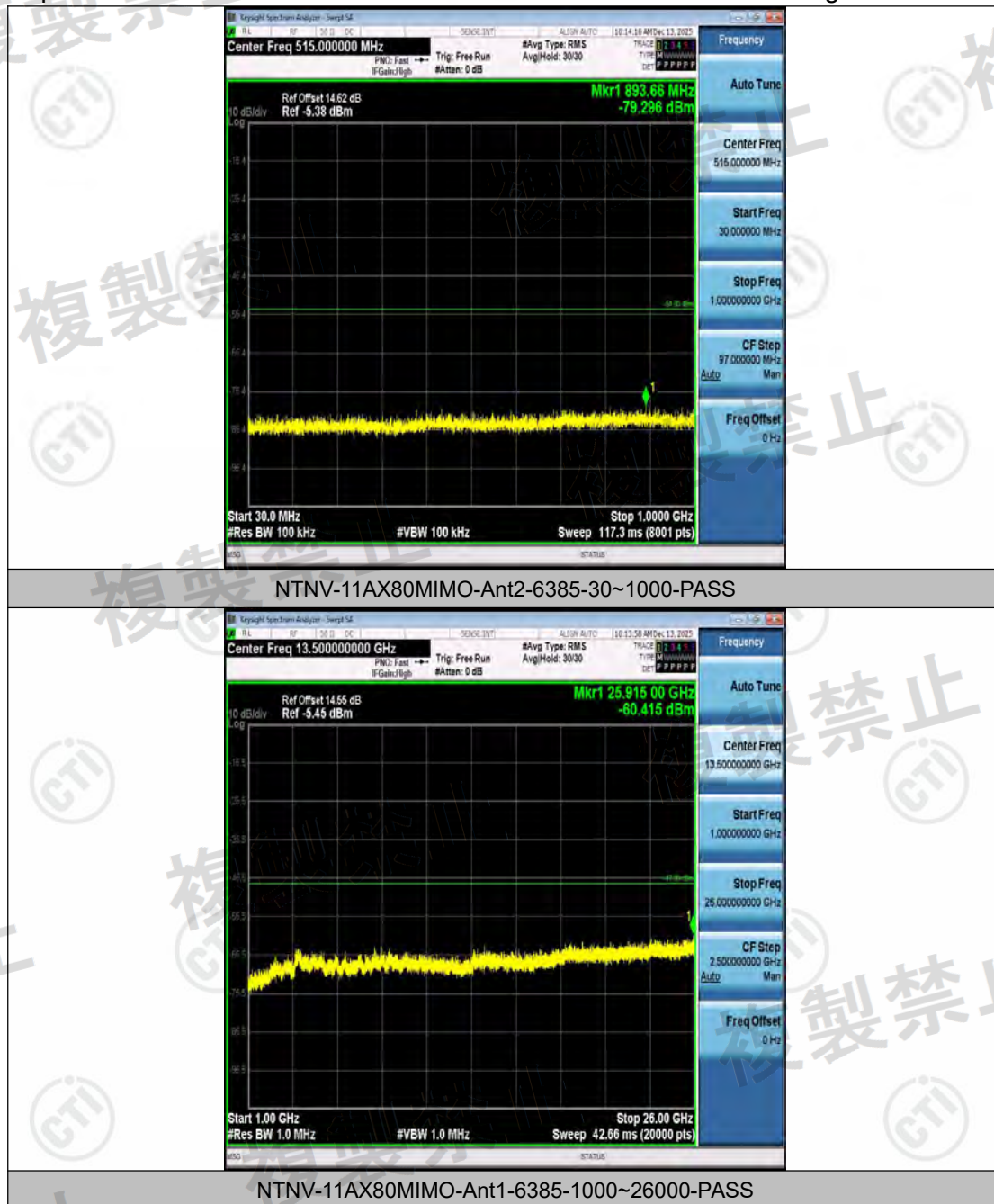


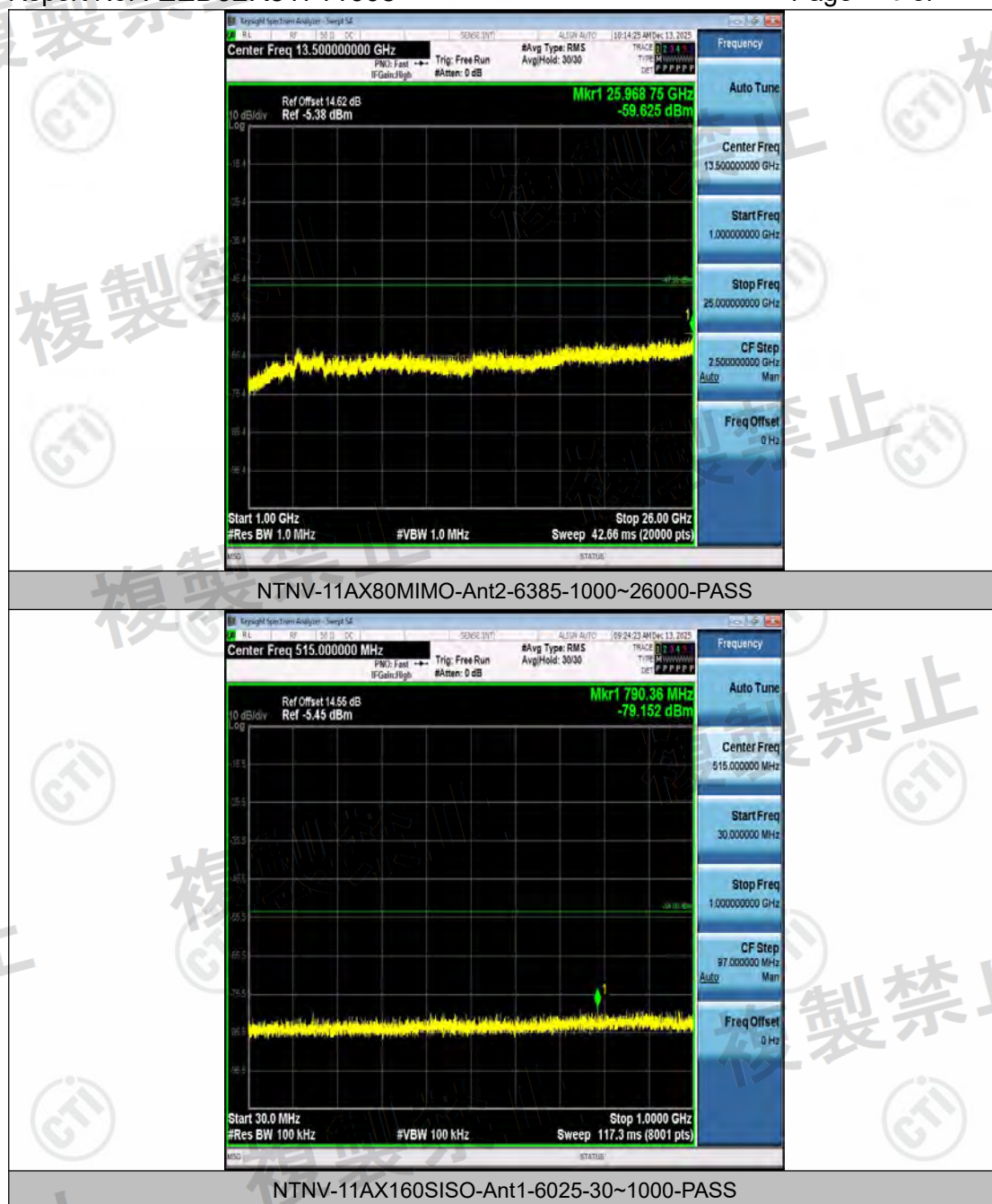


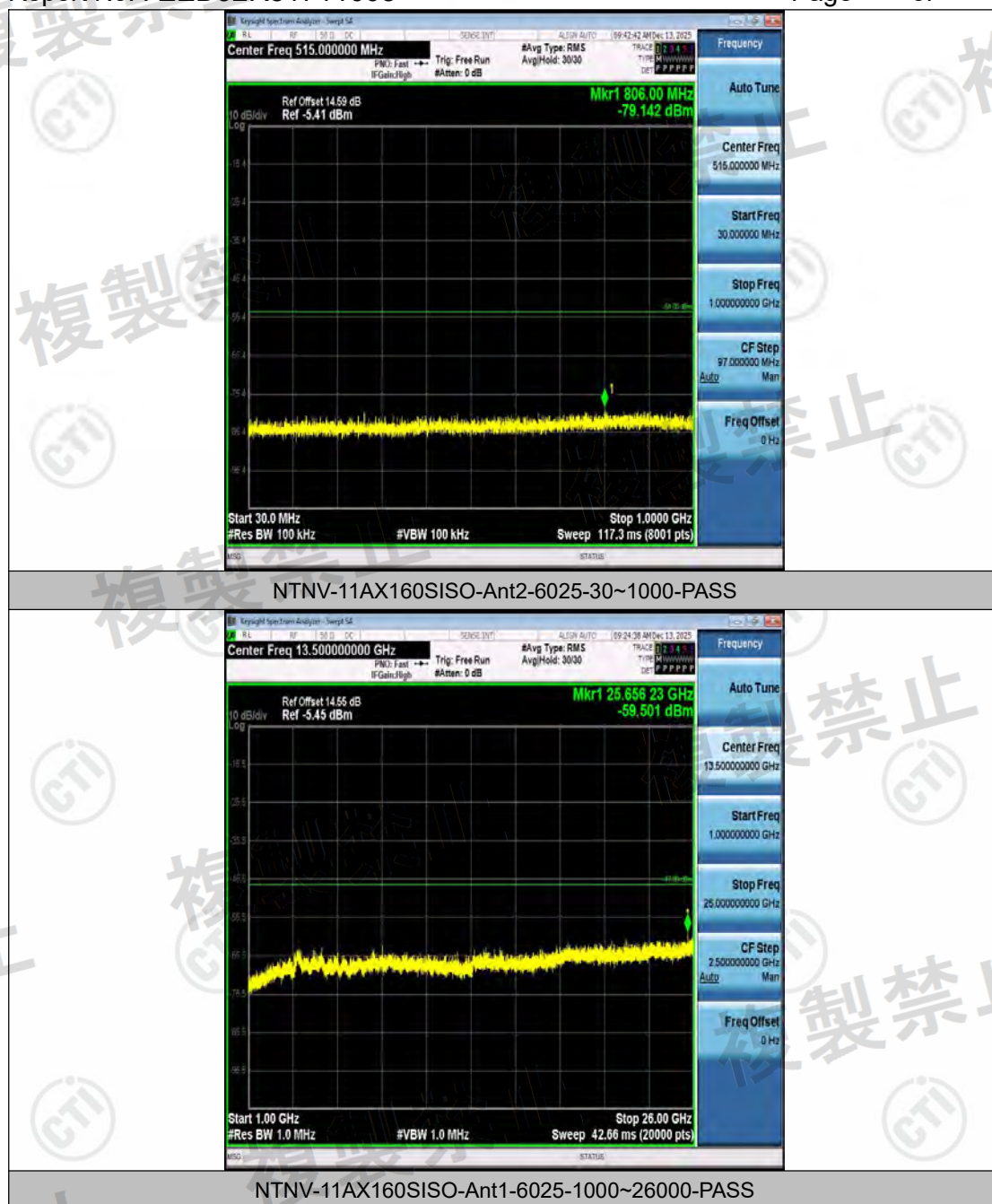


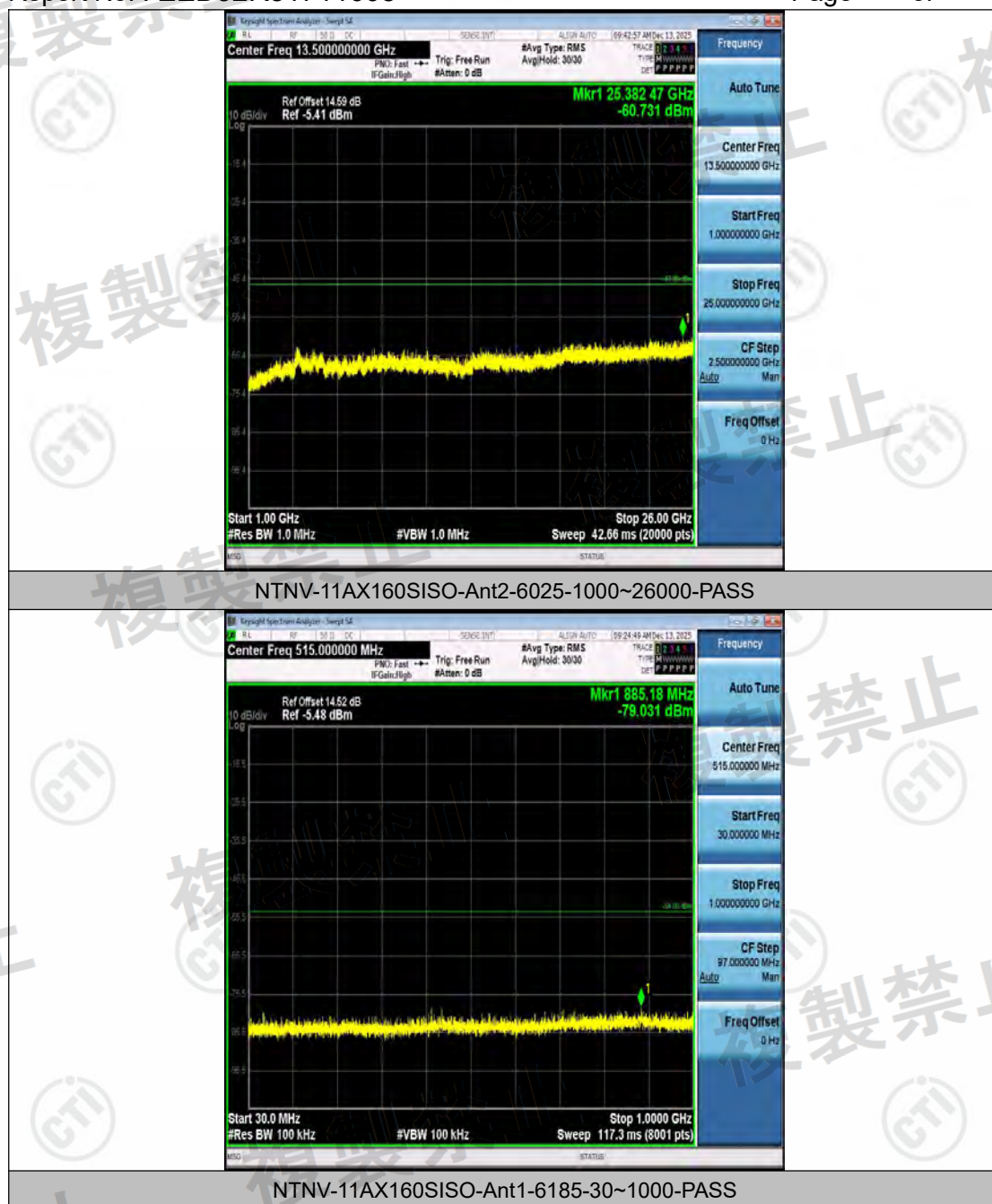


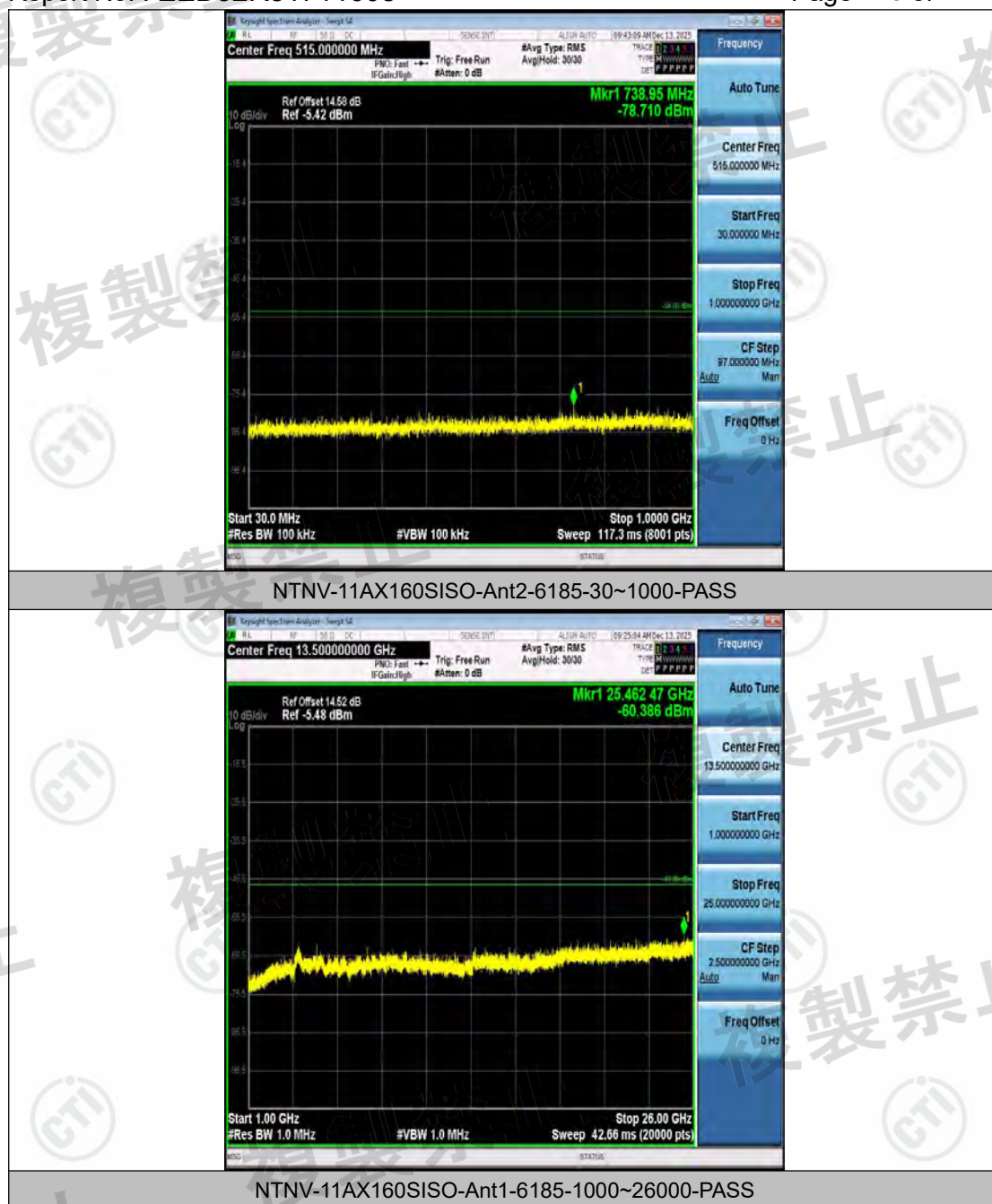


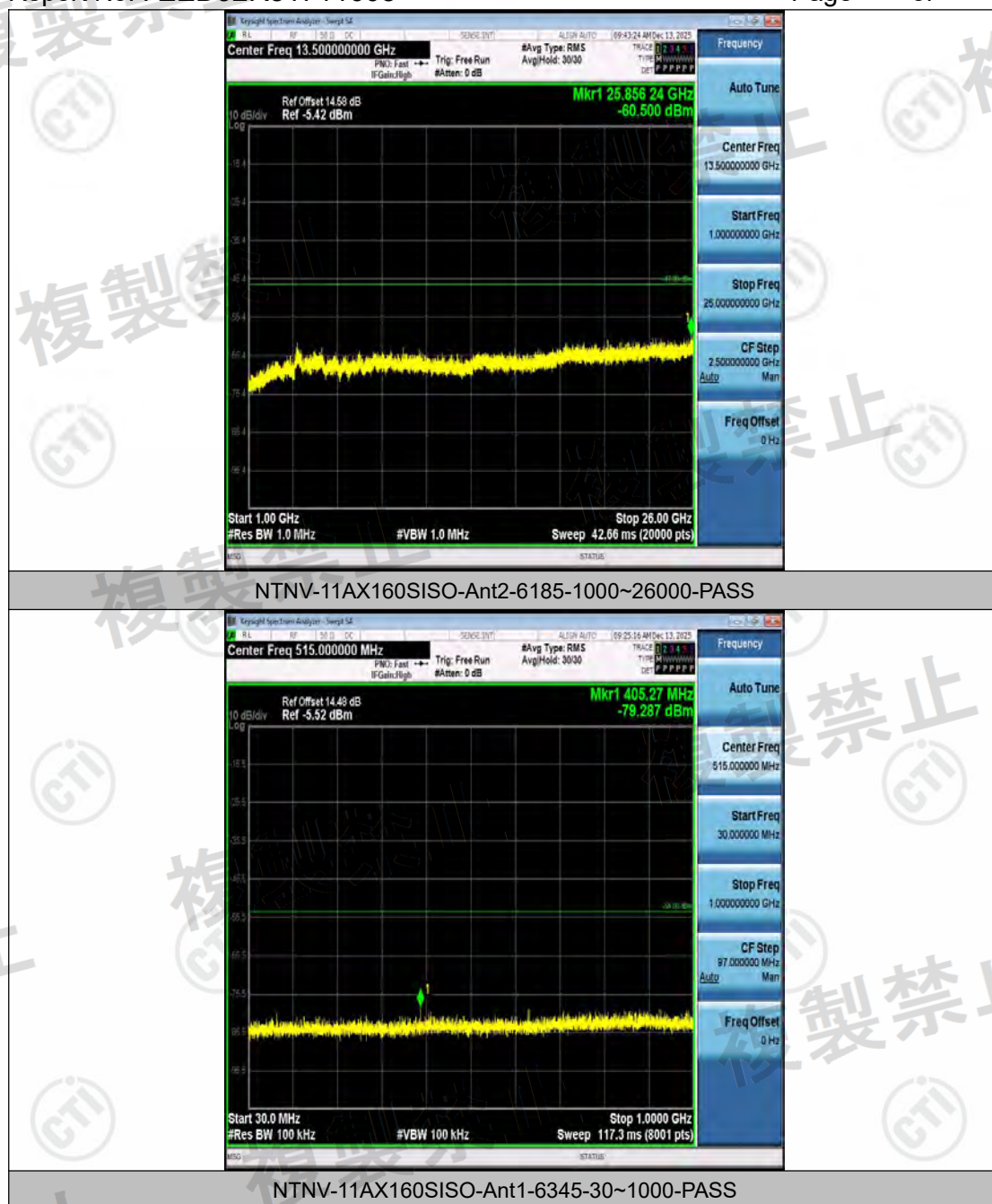


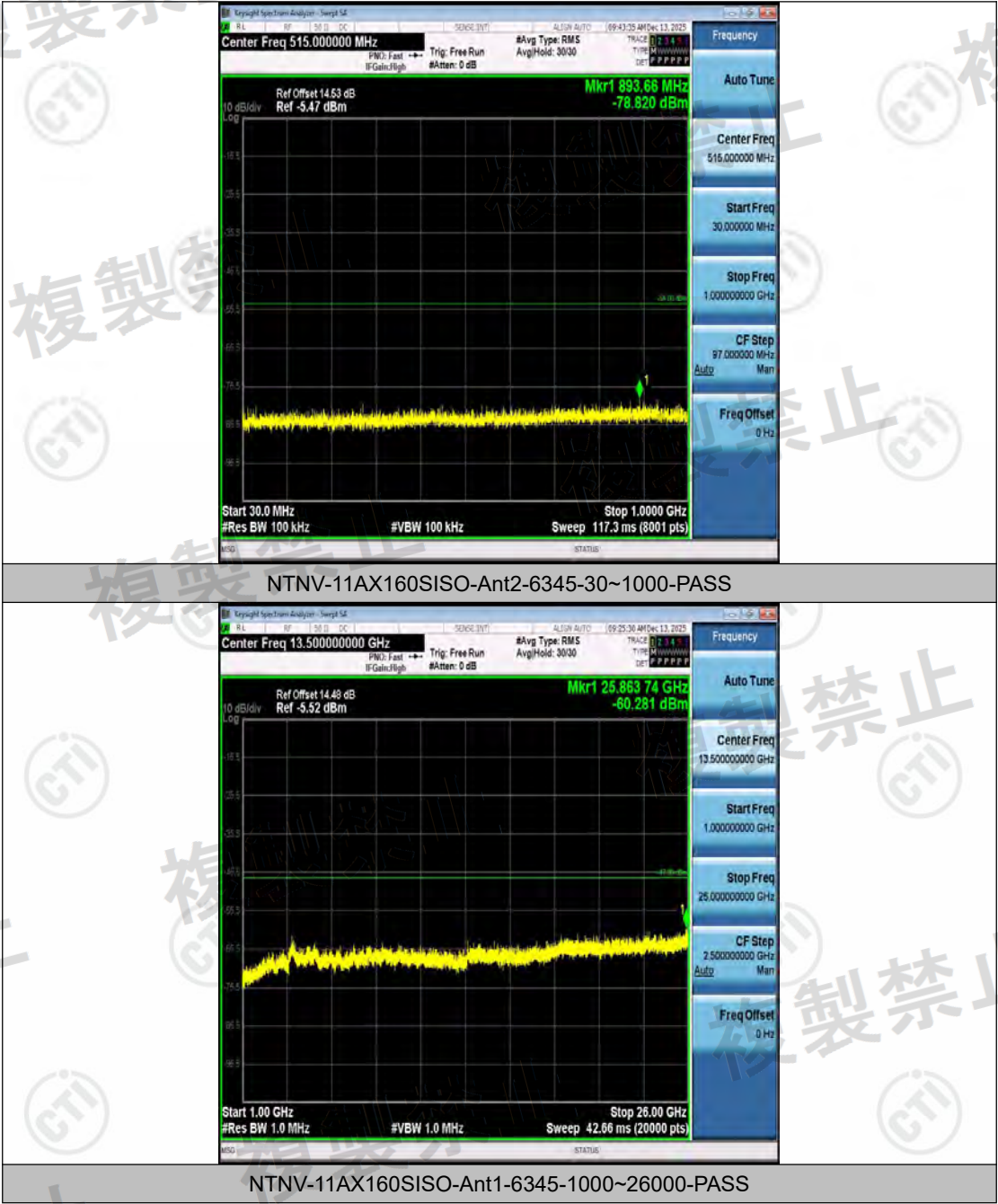


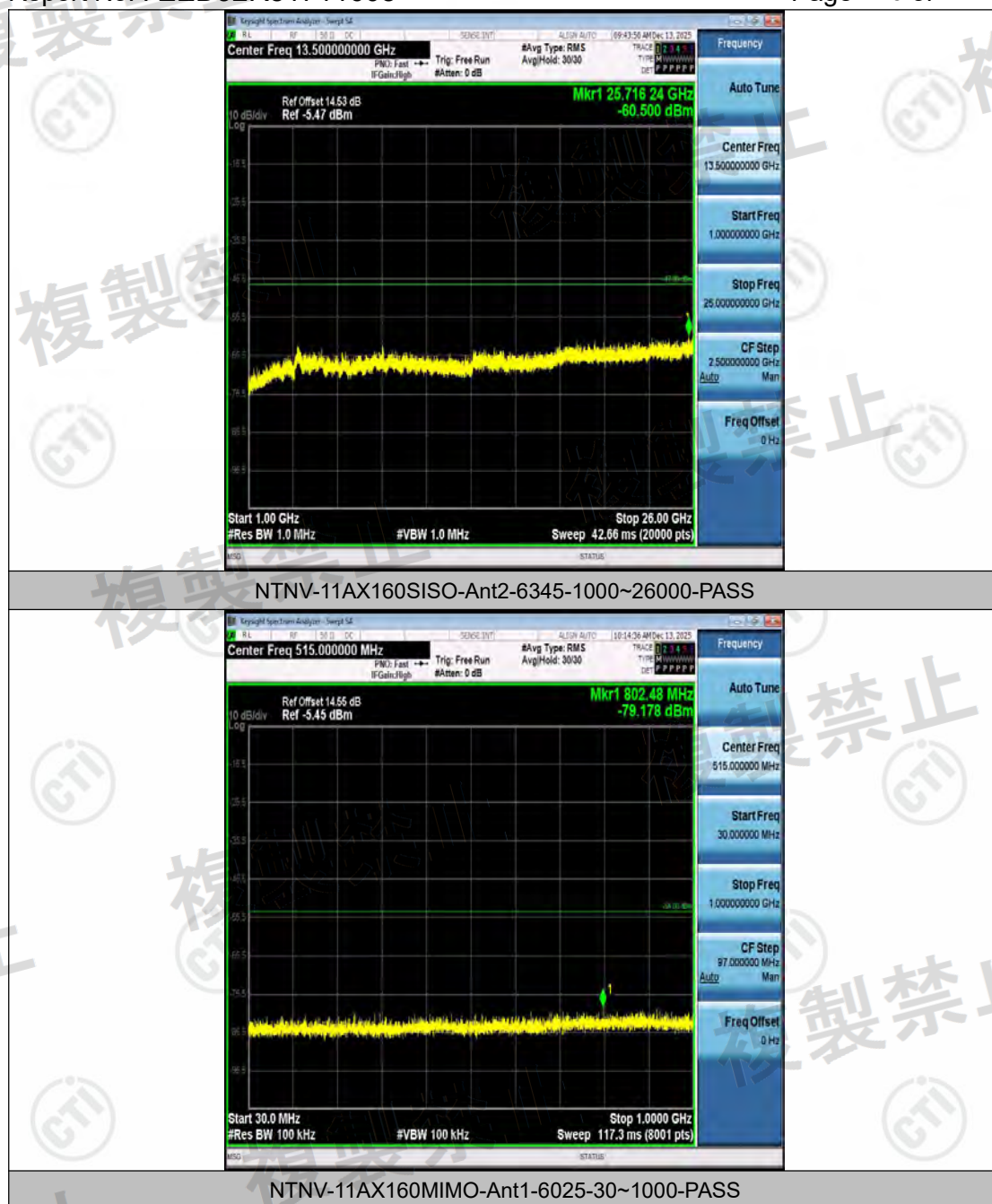


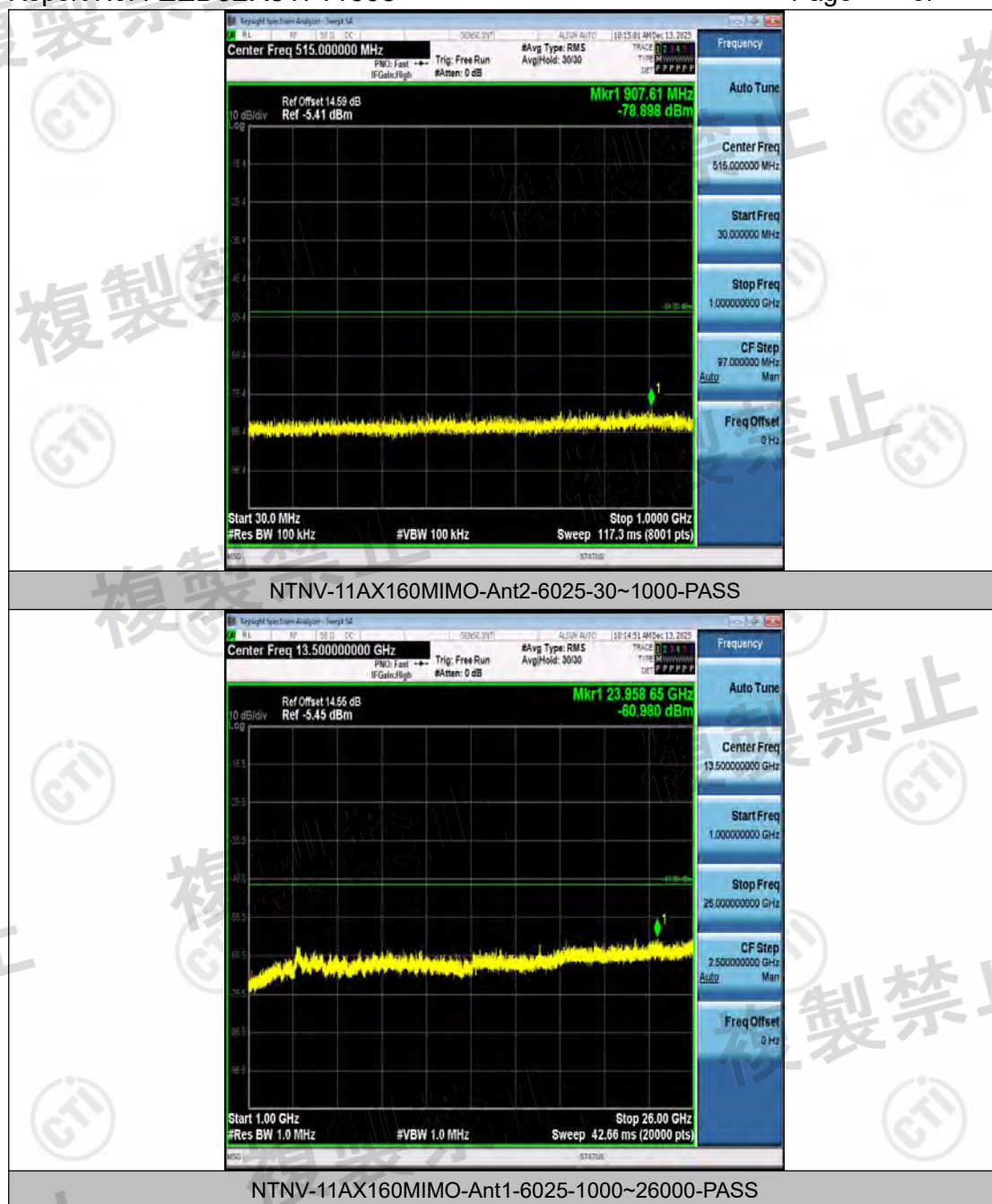


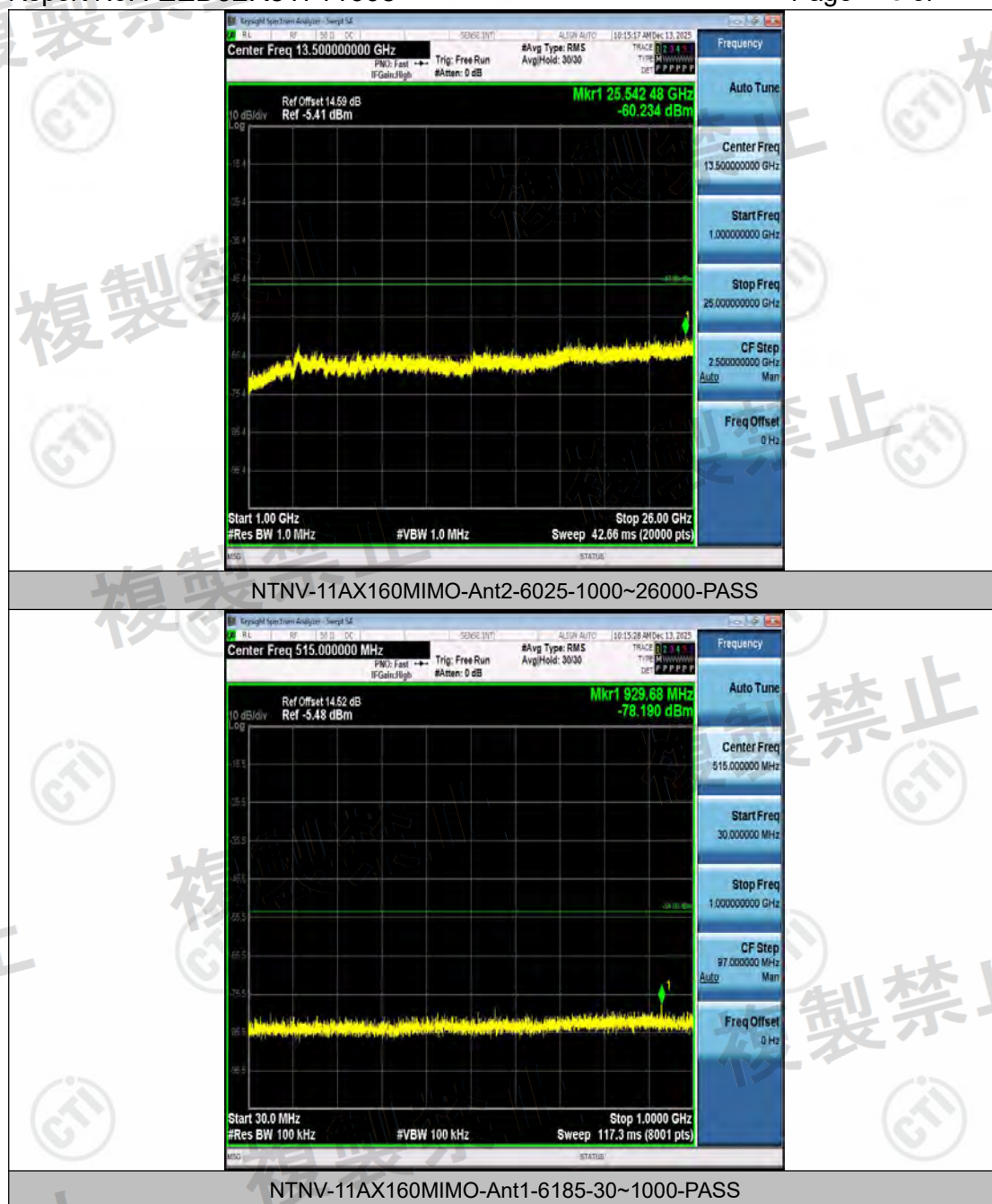


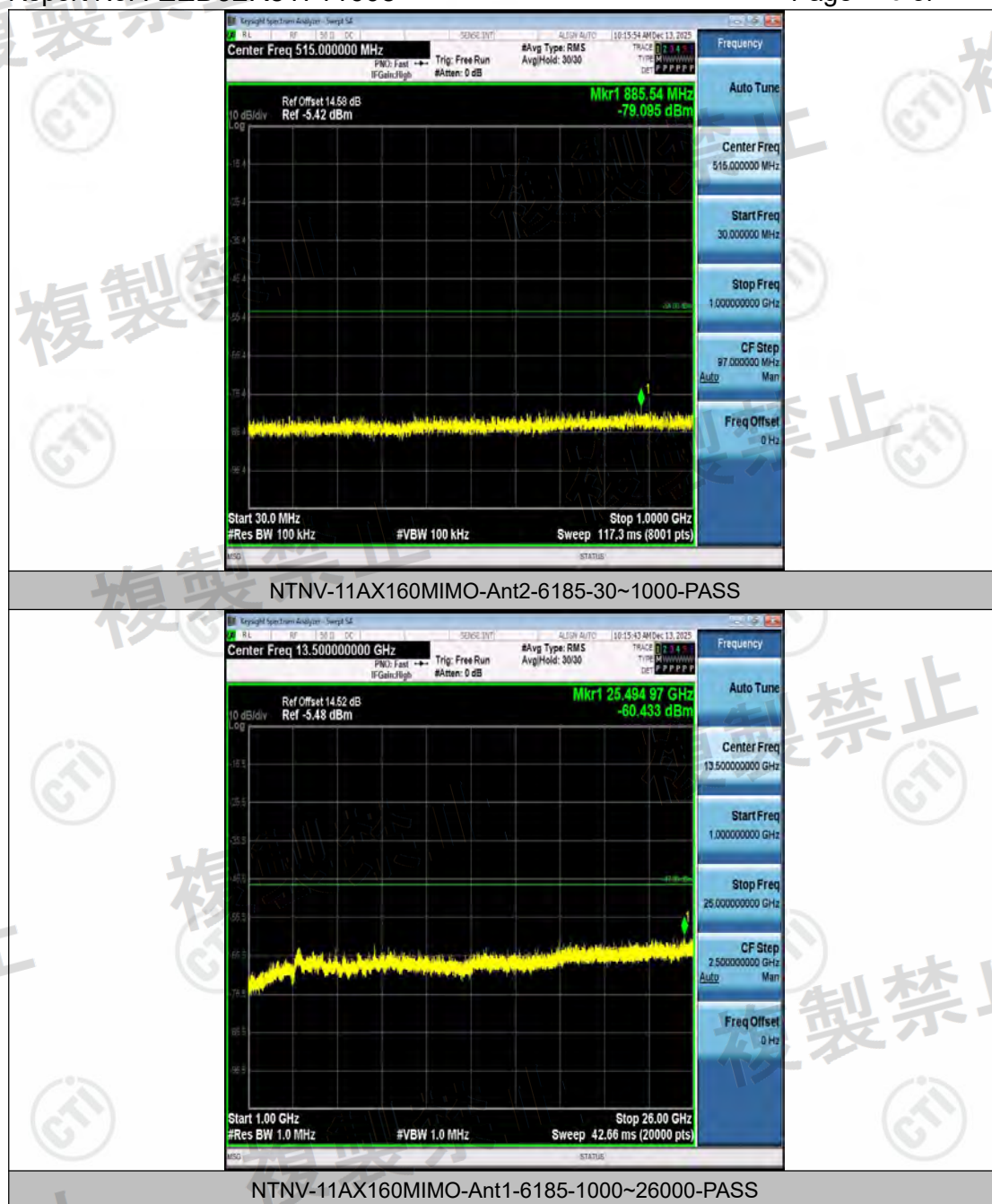


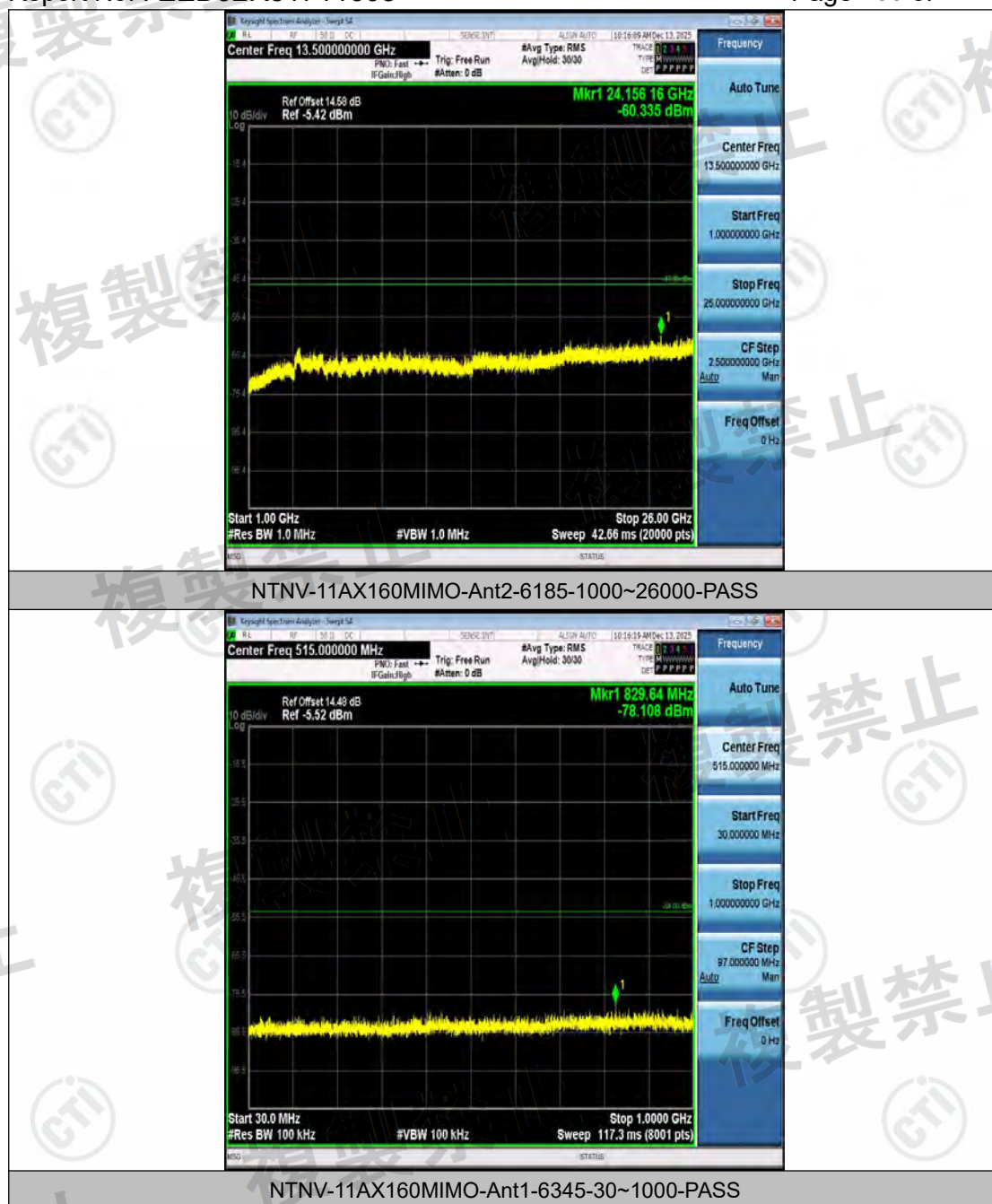


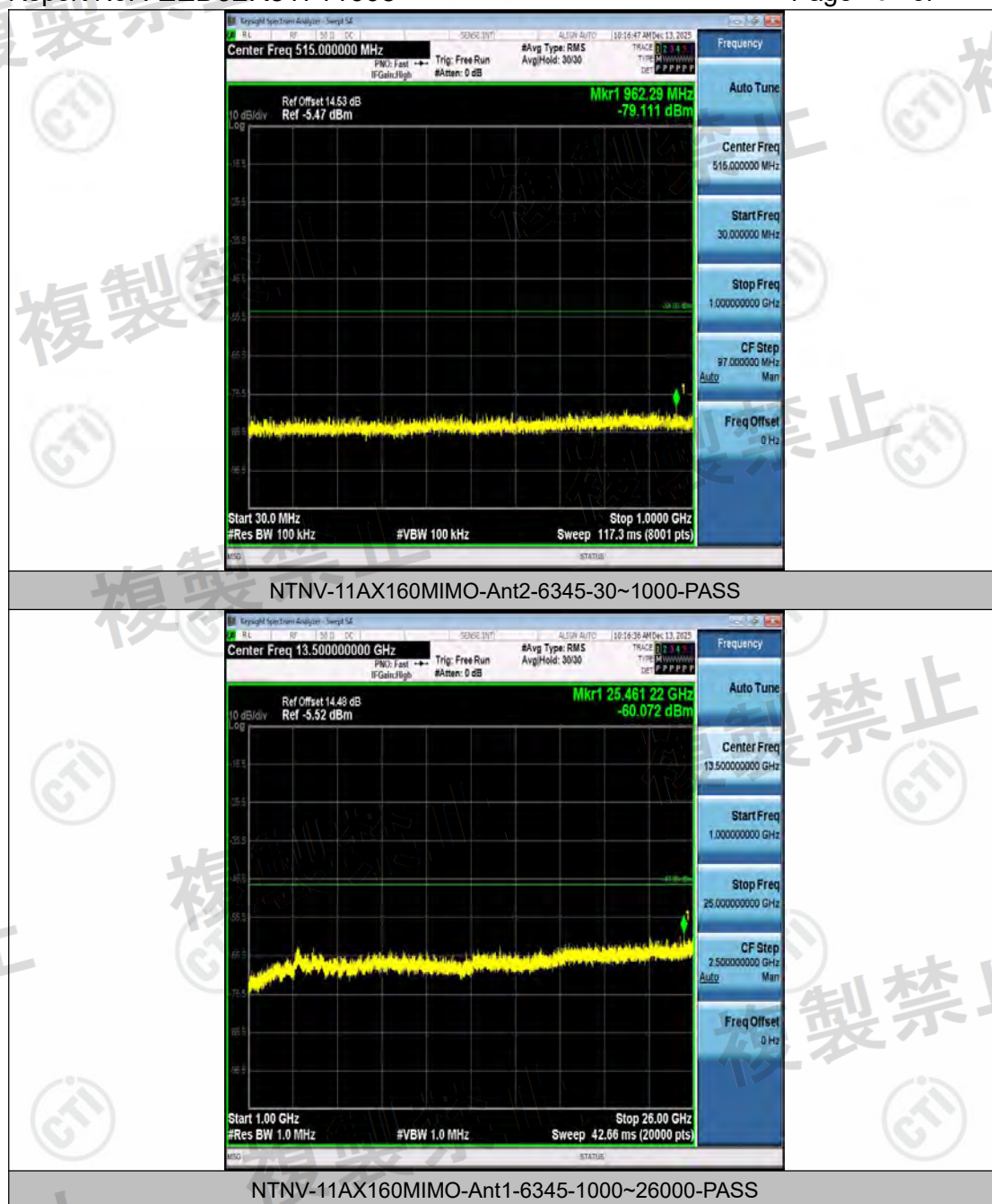


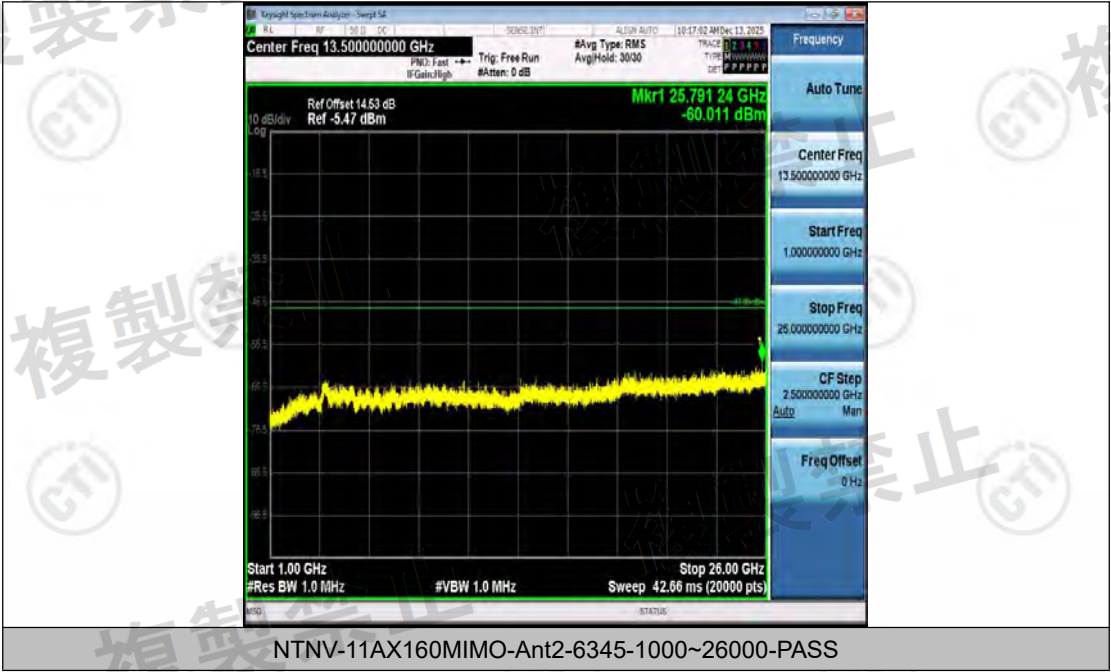










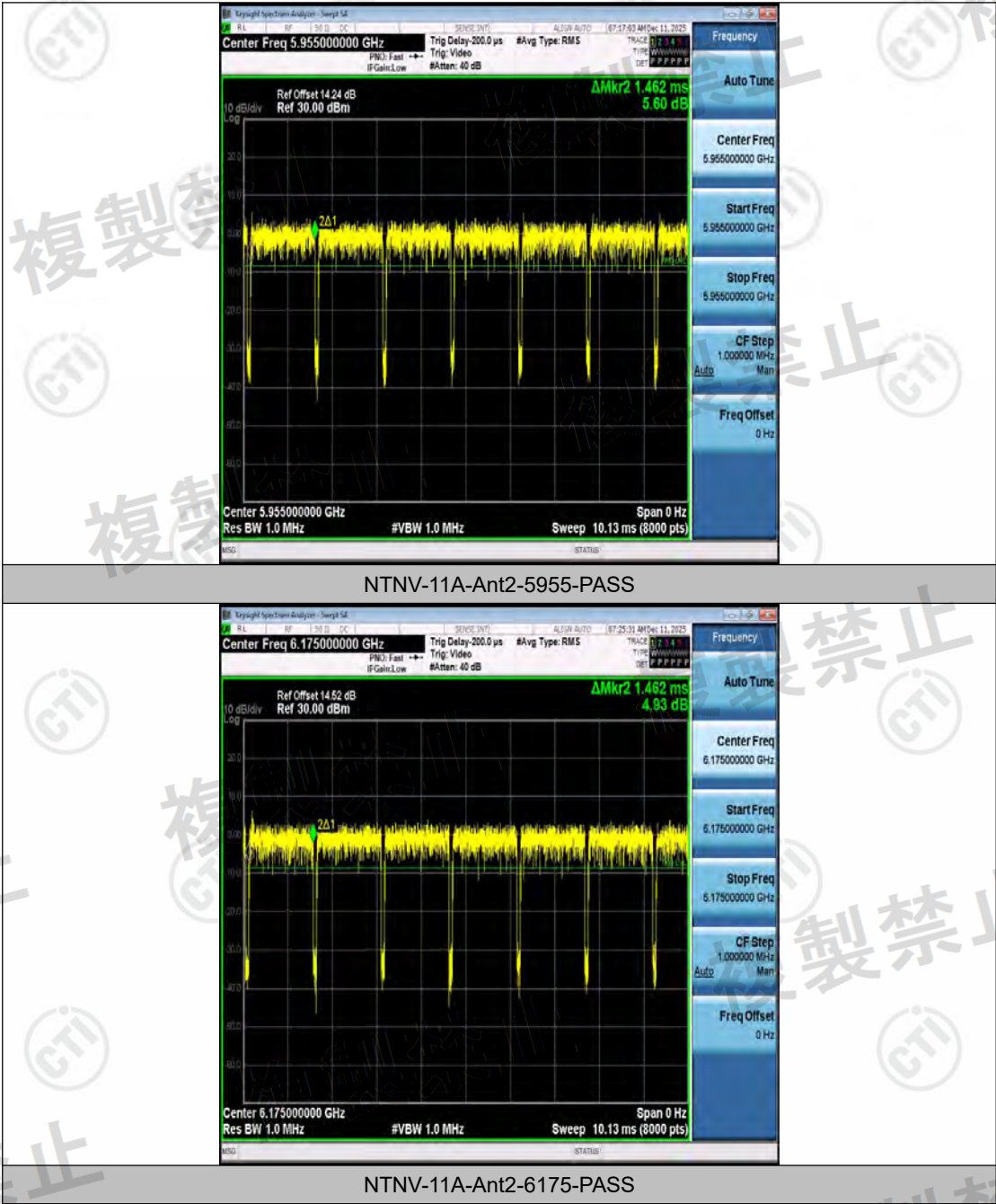


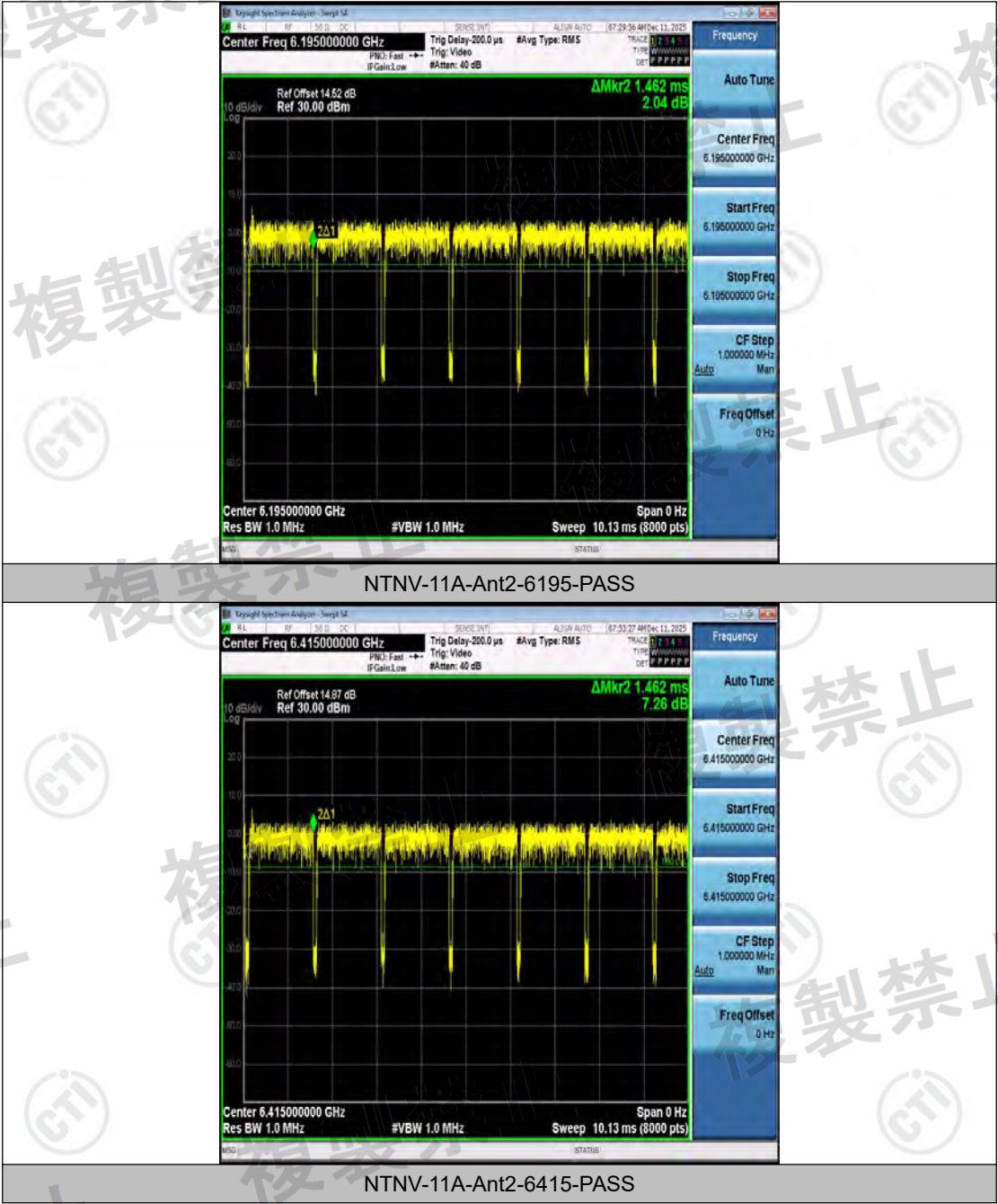
## Appendix G: Transmission Burst Length

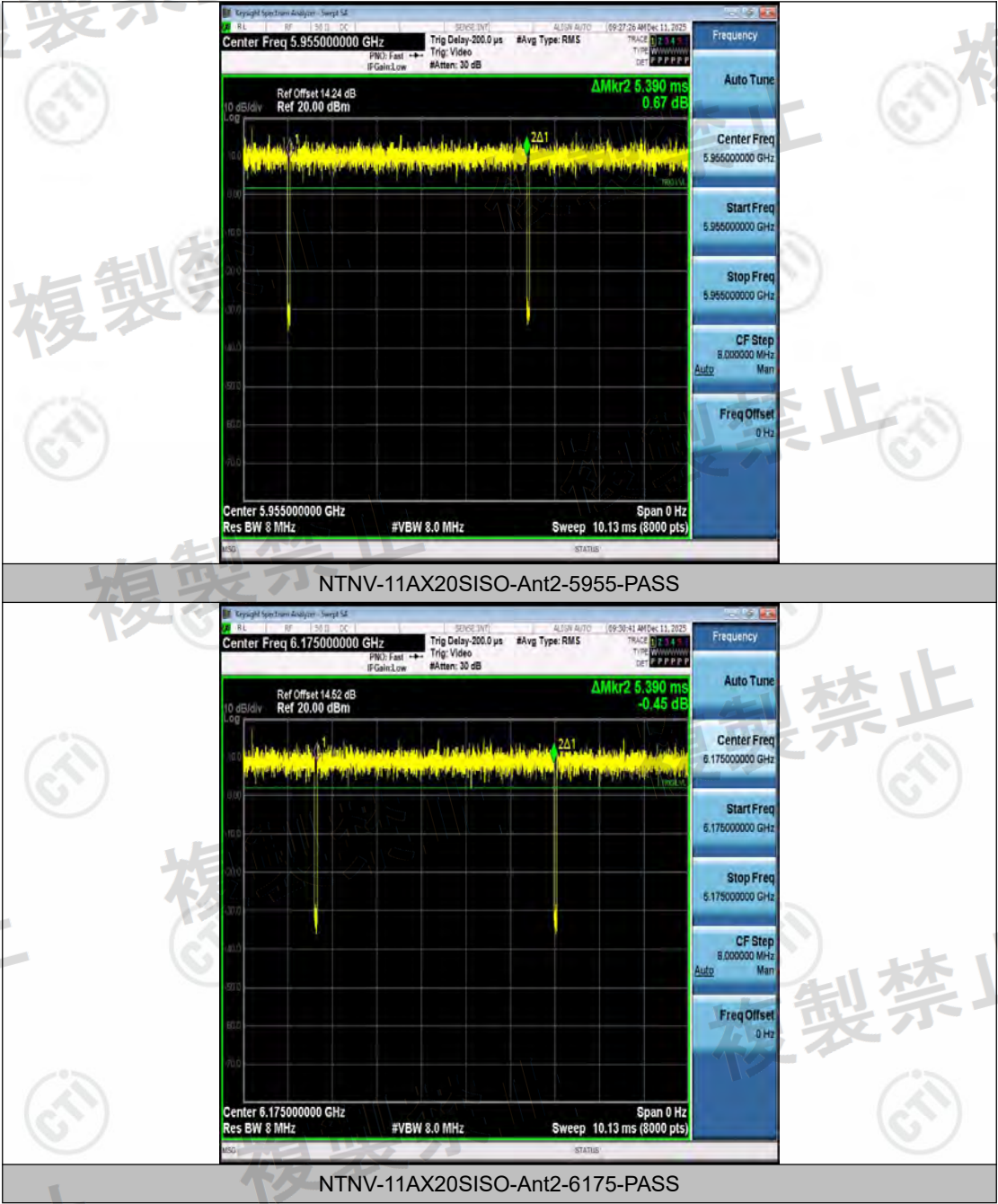
### Test Result

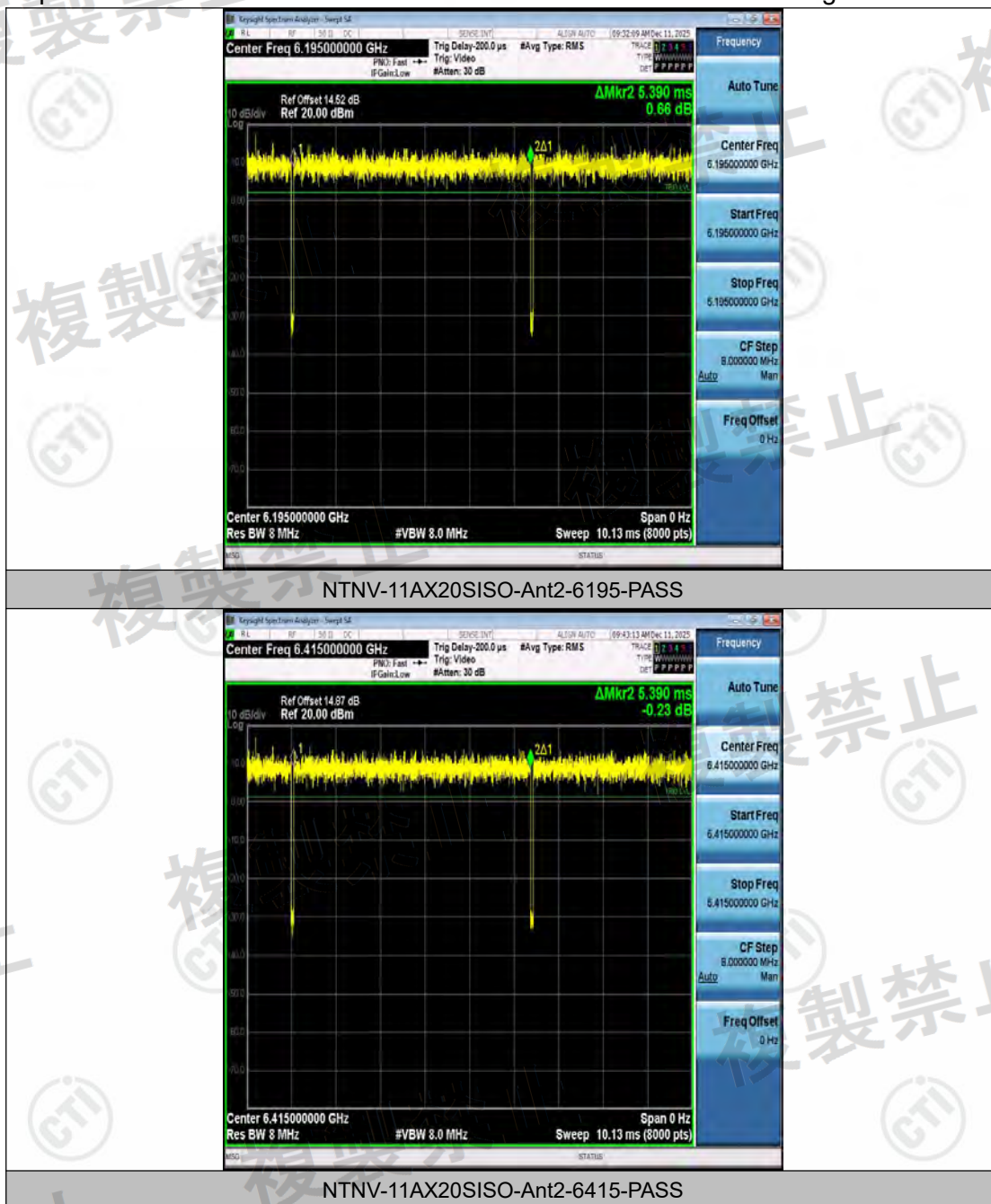
| TestCon<br>dition | TestMode    | Antenn<br>a | Channel | Result<br>[ms] | Limit<br>[ms] | Verdict |
|-------------------|-------------|-------------|---------|----------------|---------------|---------|
| NTNV              | 11A         | Ant2        | 5955    | 1.46           | ≤8            | PASS    |
| NTNV              | 11A         | Ant2        | 6175    | 1.46           | ≤8            | PASS    |
| NTNV              | 11A         | Ant2        | 6195    | 1.46           | ≤8            | PASS    |
| NTNV              | 11A         | Ant2        | 6415    | 1.46           | ≤8            | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 5955    | 5.39           | ≤8            | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6175    | 5.39           | ≤8            | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6195    | 5.39           | ≤8            | PASS    |
| NTNV              | 11AX20SISO  | Ant2        | 6415    | 5.39           | ≤8            | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 5965    | 4.82           | ≤8            | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6165    | 4.83           | ≤8            | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6205    | 4.83           | ≤8            | PASS    |
| NTNV              | 11AX40SISO  | Ant2        | 6405    | 4.83           | ≤8            | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 5985    | 2.74           | ≤8            | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6145    | 2.74           | ≤8            | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6225    | 2.74           | ≤8            | PASS    |
| NTNV              | 11AX80SISO  | Ant2        | 6385    | 2.74           | ≤8            | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6025    | 2.13           | ≤8            | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6185    | 2.13           | ≤8            | PASS    |
| NTNV              | 11AX160SISO | Ant2        | 6345    | 2.13           | ≤8            | PASS    |

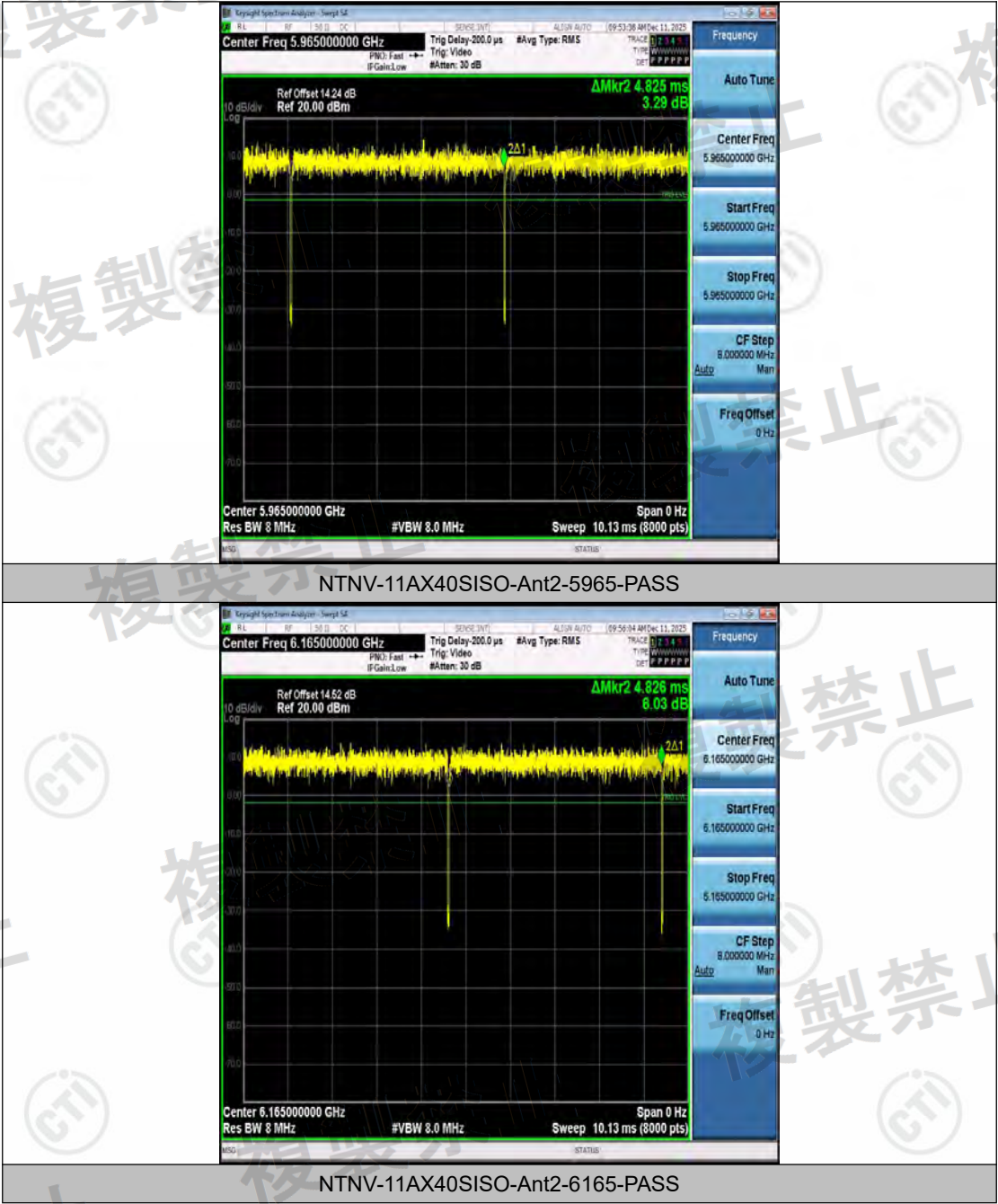
Test Graphs

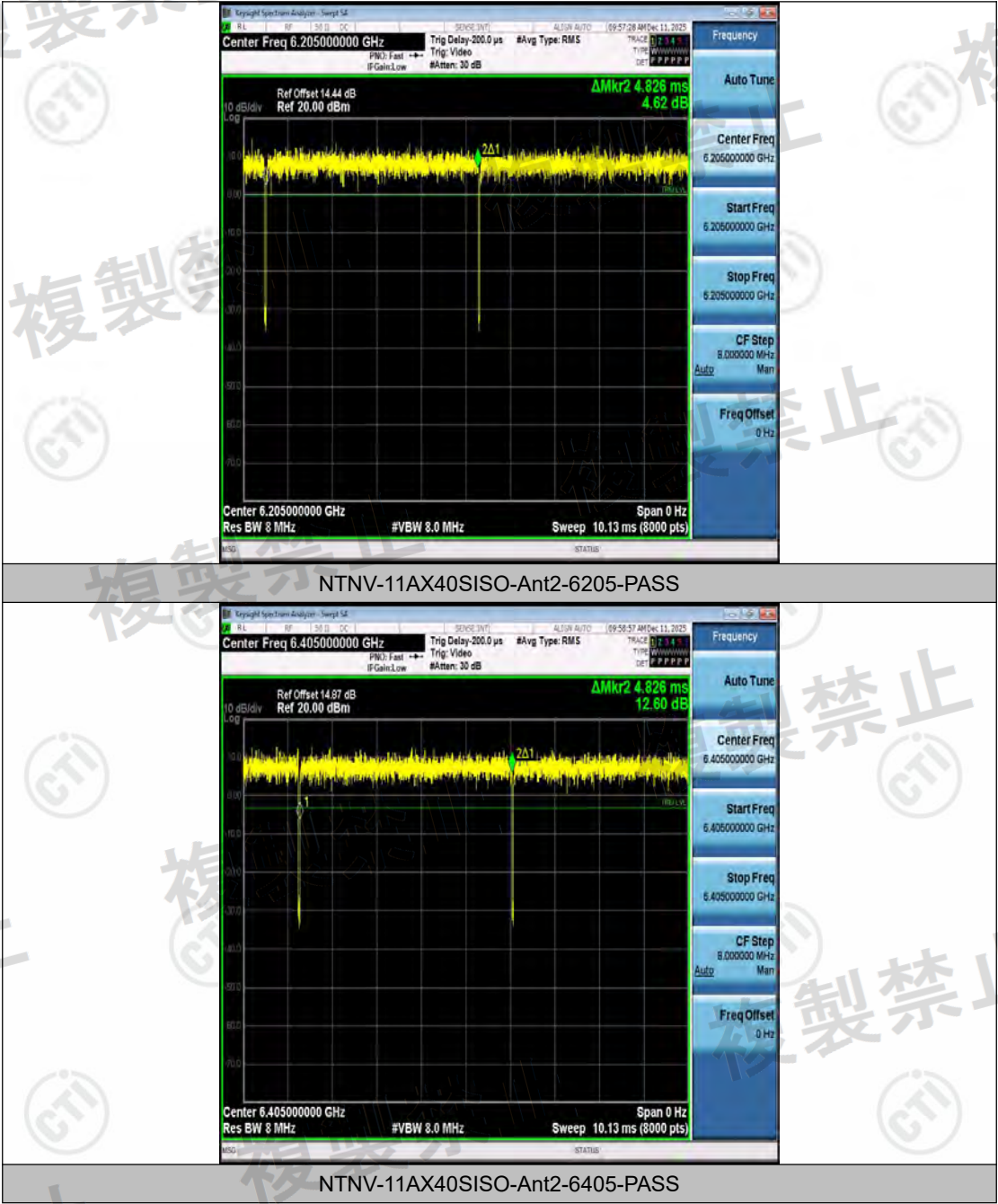


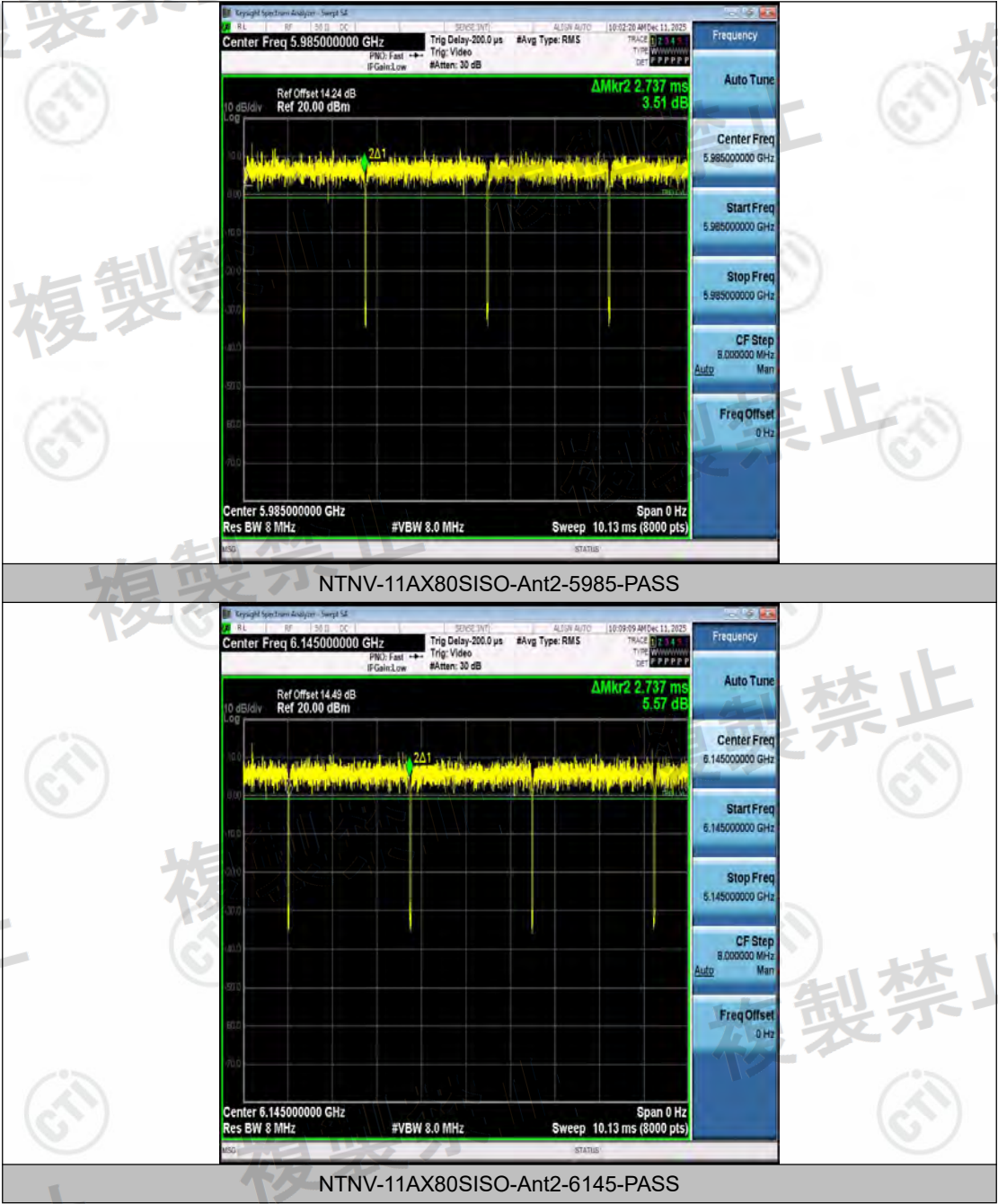


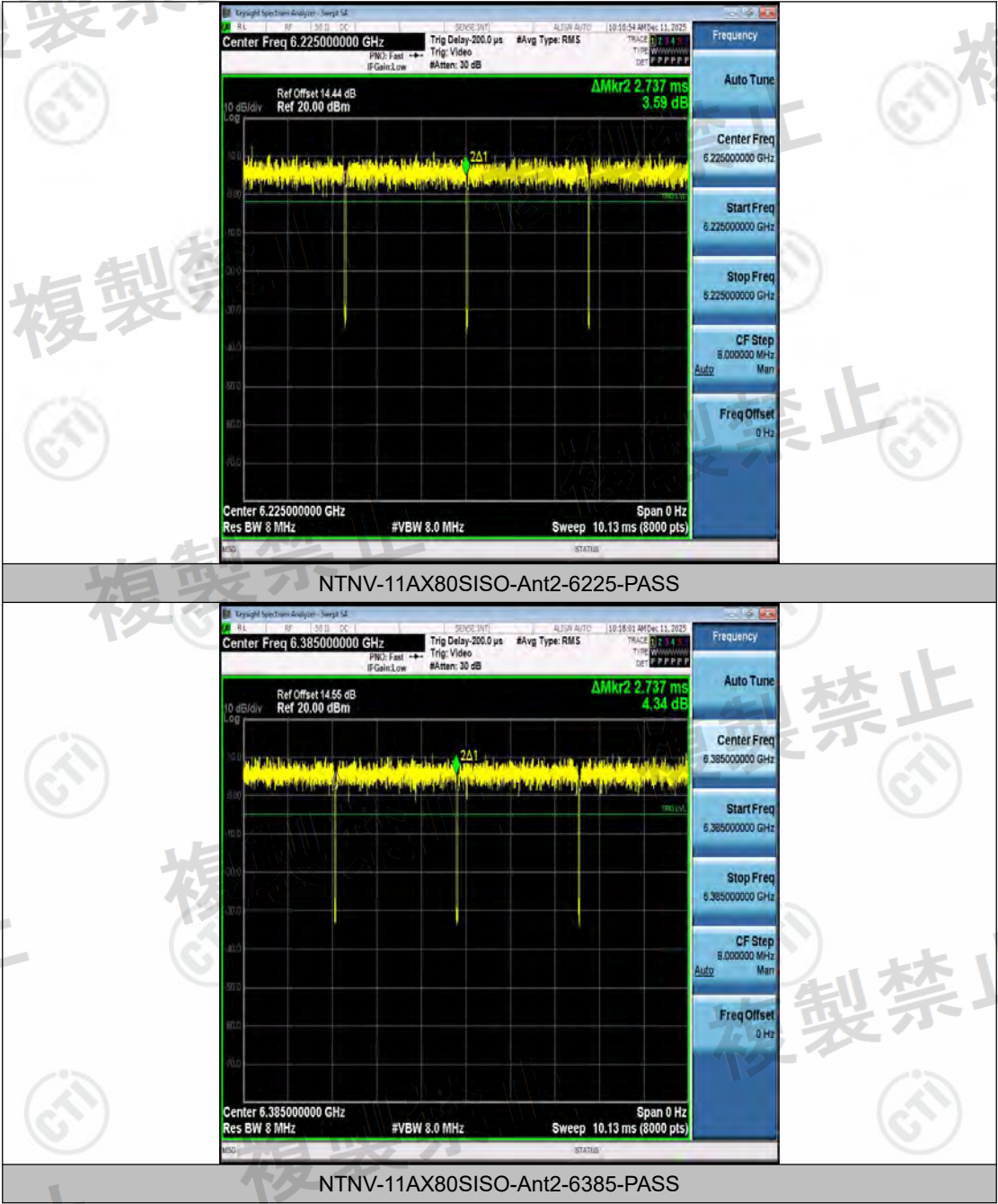


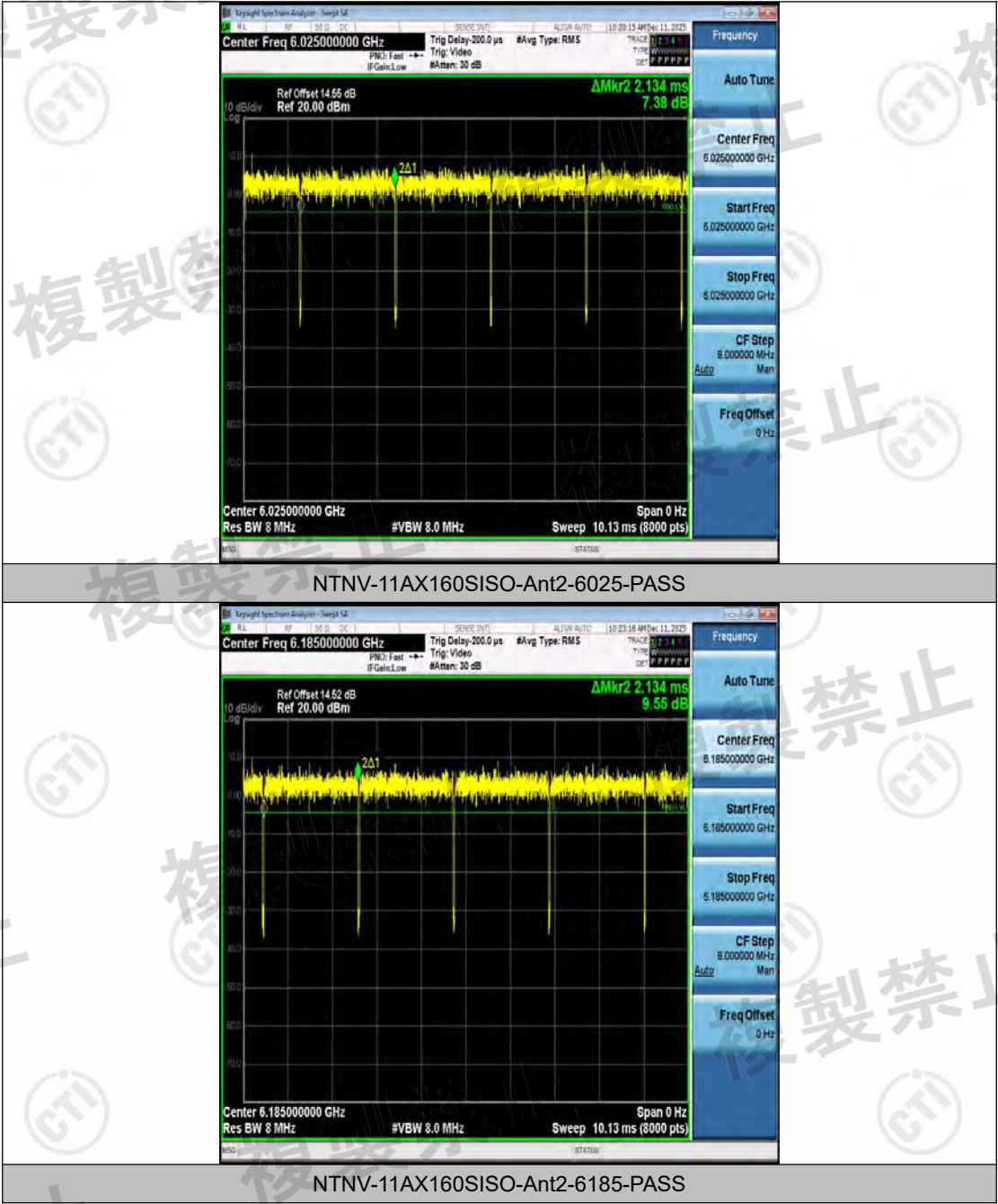


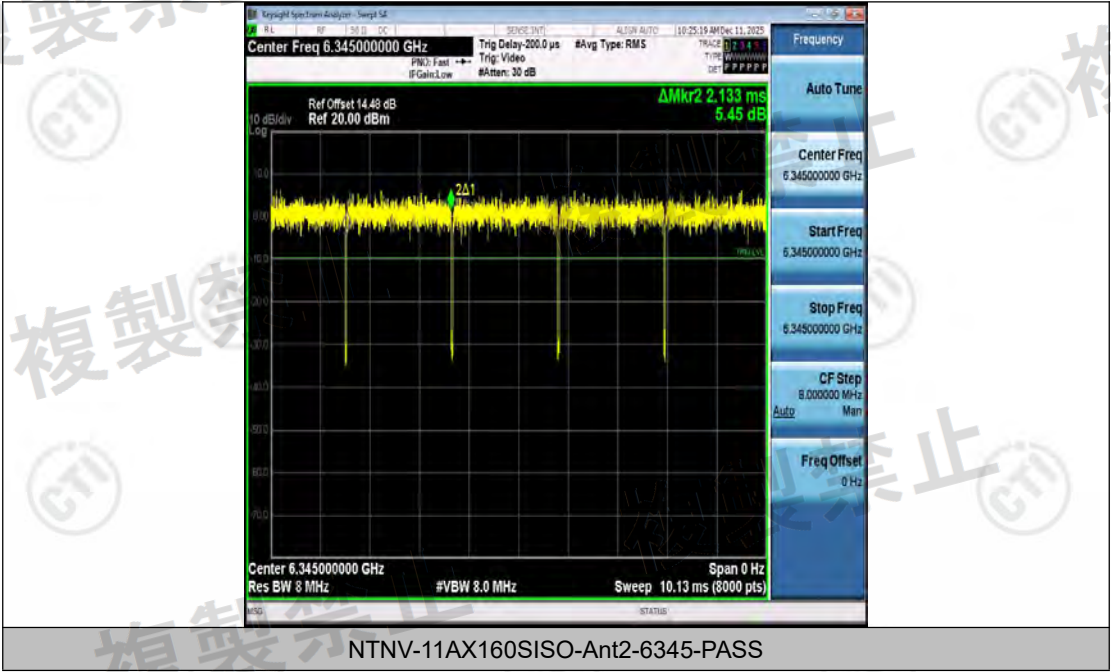












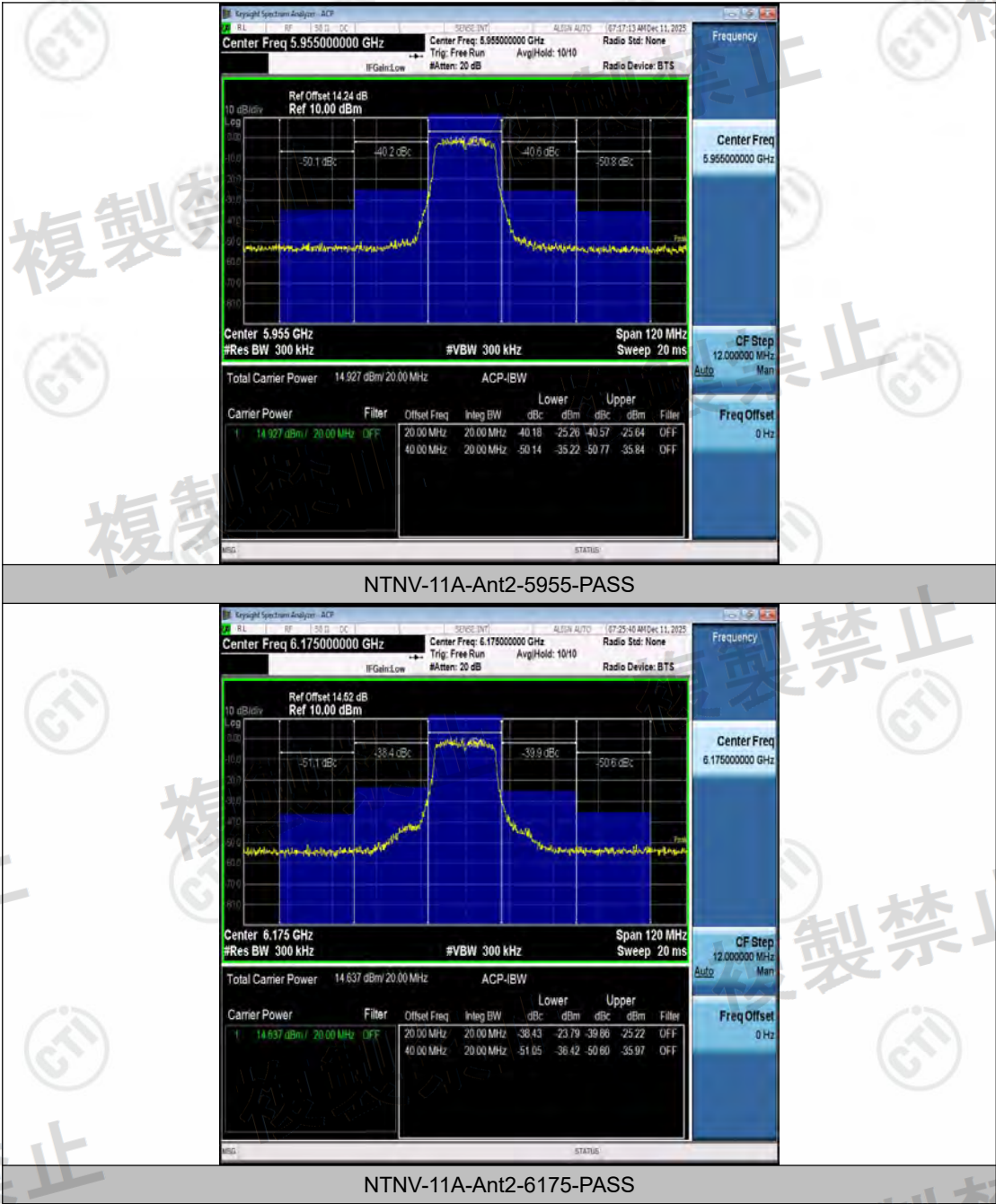
## Appendix H: Adjacent Channel Power Tolerance

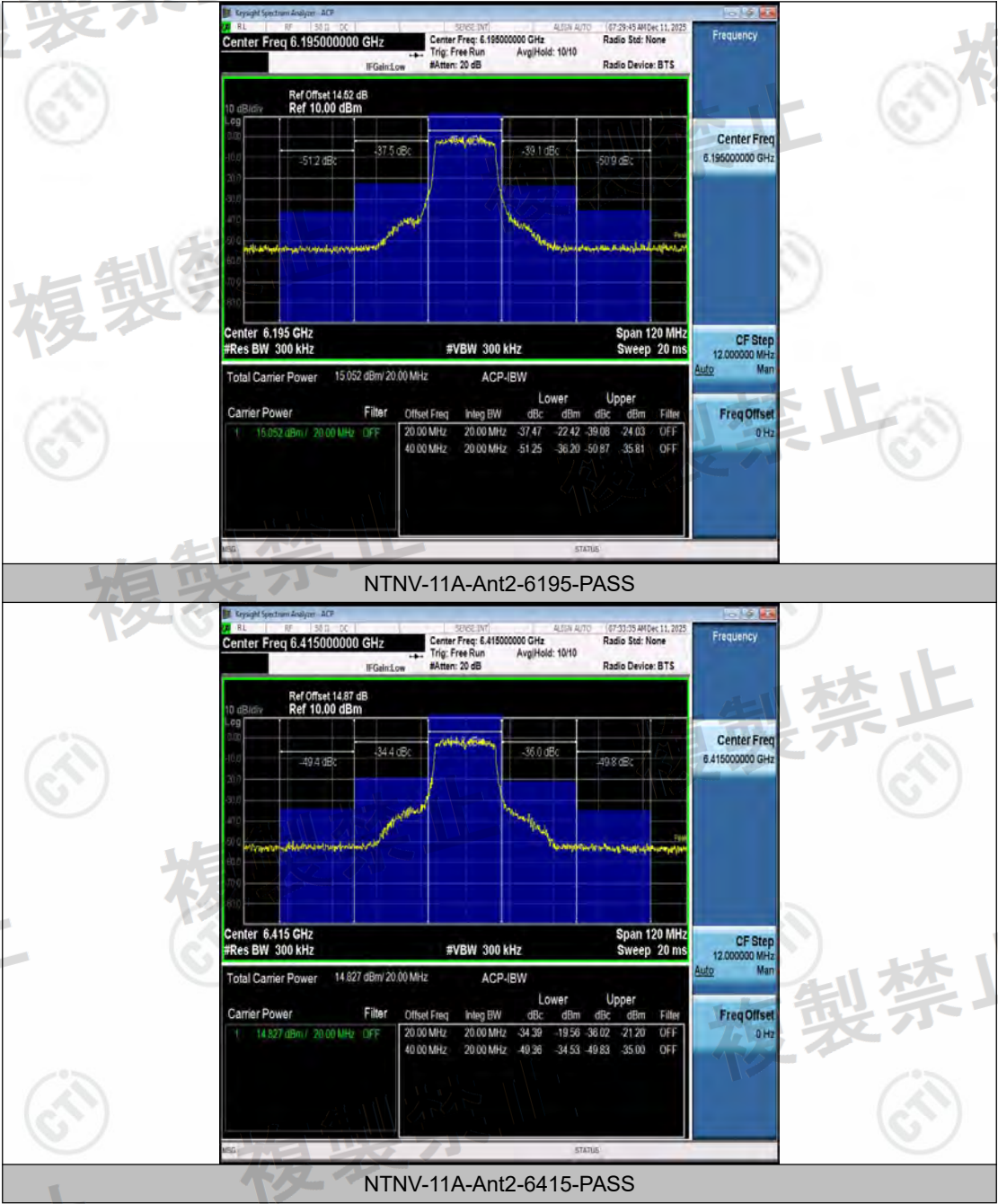
### Test Result

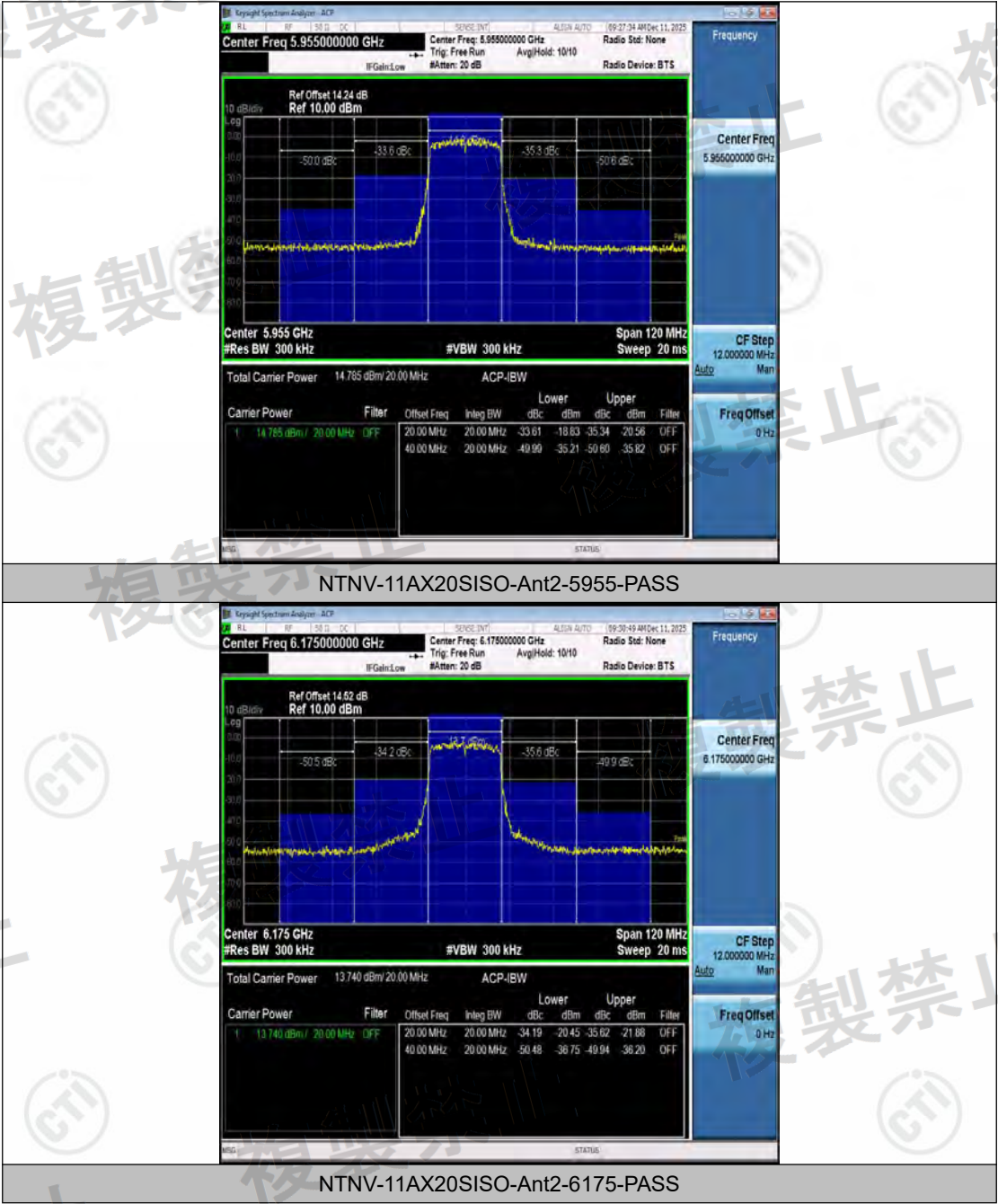
| TestCon<br>dition | TestMode   | Anten<br>na | Channel | Offset<br>[MHz] | Result<br>[dBc] | Limit<br>[dBc] | Verdict |
|-------------------|------------|-------------|---------|-----------------|-----------------|----------------|---------|
| NTNV              | 11A        | Ant2        | 5955    | -40             | -50.14          | ≤-40           | PASS    |
| NTNV              | 11A        | Ant2        | 5955    | -20             | -40.18          | ≤-25           | PASS    |
| NTNV              | 11A        | Ant2        | 5955    | +20             | -40.57          | ≤-25           | PASS    |
| NTNV              | 11A        | Ant2        | 5955    | +40             | -50.77          | ≤-40           | PASS    |
| NTNV              | 11A        | Ant2        | 6175    | -40             | -51.05          | ≤-40           | PASS    |
| NTNV              | 11A        | Ant2        | 6175    | -20             | -38.43          | ≤-25           | PASS    |
| NTNV              | 11A        | Ant2        | 6175    | +20             | -39.86          | ≤-25           | PASS    |
| NTNV              | 11A        | Ant2        | 6175    | +40             | -50.60          | ≤-40           | PASS    |
| NTNV              | 11A        | Ant2        | 6195    | -40             | -51.25          | ≤-40           | PASS    |
| NTNV              | 11A        | Ant2        | 6195    | -20             | -37.47          | ≤-25           | PASS    |
| NTNV              | 11A        | Ant2        | 6195    | +20             | -39.08          | ≤-25           | PASS    |
| NTNV              | 11A        | Ant2        | 6195    | +40             | -50.87          | ≤-40           | PASS    |
| NTNV              | 11A        | Ant2        | 6415    | -40             | -49.36          | ≤-40           | PASS    |
| NTNV              | 11A        | Ant2        | 6415    | -20             | -34.39          | ≤-25           | PASS    |
| NTNV              | 11A        | Ant2        | 6415    | +20             | -36.02          | ≤-25           | PASS    |
| NTNV              | 11A        | Ant2        | 6415    | +40             | -49.83          | ≤-40           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 5955    | -40             | -49.99          | ≤-40           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 5955    | -20             | -33.61          | ≤-25           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 5955    | +20             | -35.34          | ≤-25           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 5955    | +40             | -50.60          | ≤-40           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 6175    | -40             | -50.48          | ≤-40           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 6175    | -20             | -34.19          | ≤-25           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 6175    | +20             | -35.62          | ≤-25           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 6175    | +40             | -49.94          | ≤-40           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 6415    | -40             | -48.29          | ≤-40           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 6415    | -20             | -33.42          | ≤-25           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 6415    | +20             | -33.98          | ≤-25           | PASS    |
| NTNV              | 11AX20SISO | Ant2        | 6415    | +40             | -48.66          | ≤-40           | PASS    |
| NTNV              | 11AX40SISO | Ant2        | 5965    | -80             | -48.23          | ≤-40           | PASS    |
| NTNV              | 11AX40SISO | Ant2        | 5965    | -40             | -41.23          | ≤-25           | PASS    |
| NTNV              | 11AX40SISO | Ant2        | 5965    | +40             | -41.83          | ≤-25           | PASS    |
| NTNV              | 11AX40SISO | Ant2        | 5965    | +80             | -49.28          | ≤-40           | PASS    |
| NTNV              | 11AX40SISO | Ant2        | 6165    | -80             | -49.61          | ≤-40           | PASS    |
| NTNV              | 11AX40SISO | Ant2        | 6165    | -40             | -39.42          | ≤-25           | PASS    |
| NTNV              | 11AX40SISO | Ant2        | 6165    | +40             | -41.67          | ≤-25           | PASS    |
| NTNV              | 11AX40SISO | Ant2        | 6165    | +80             | -49.26          | ≤-40           | PASS    |

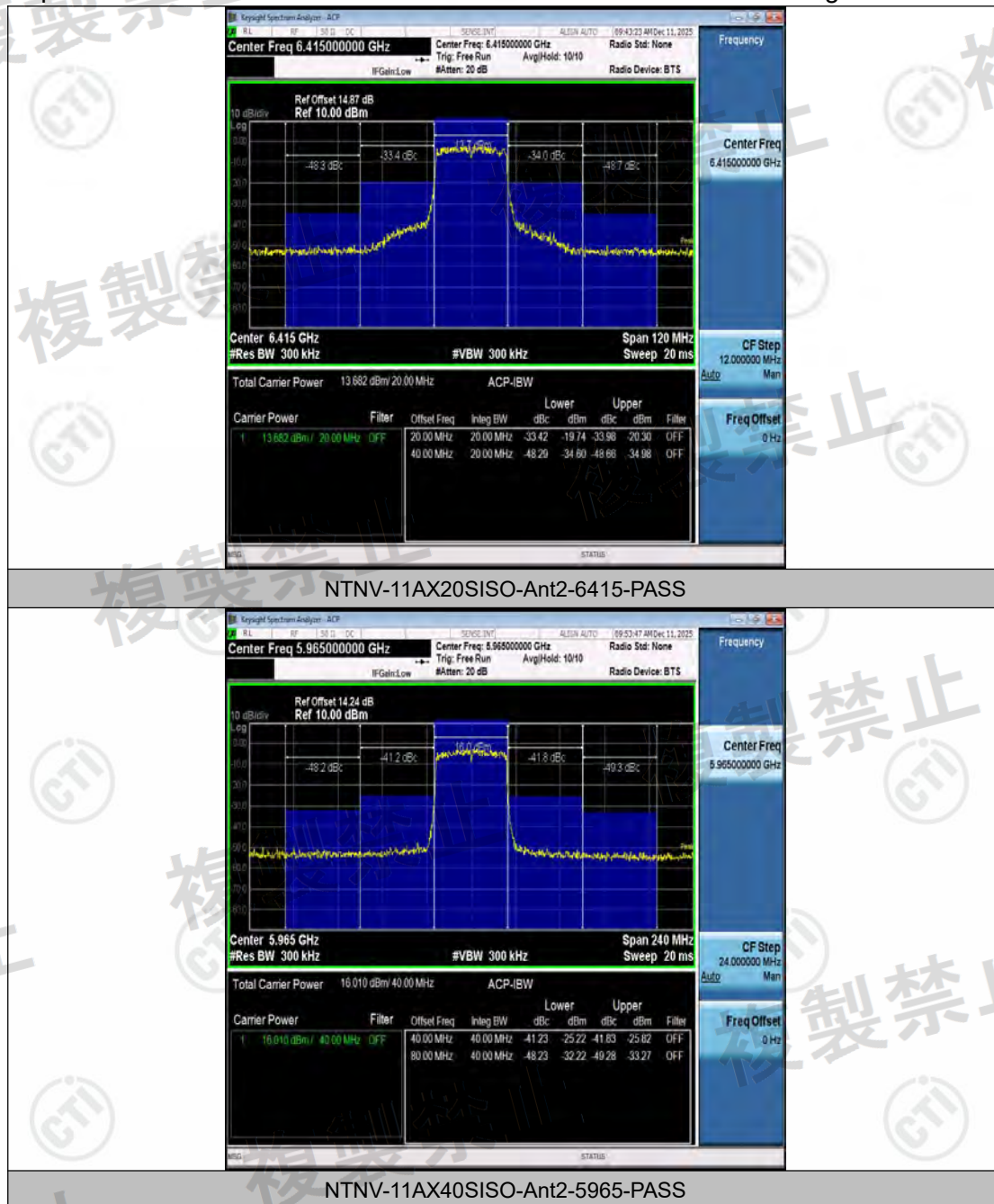
|      |             |      |      |      |        |      |      |
|------|-------------|------|------|------|--------|------|------|
| NTNV | 11AX40SISO  | Ant2 | 6205 | -80  | -48.85 | ≤-40 | PASS |
| NTNV | 11AX40SISO  | Ant2 | 6205 | -40  | -37.93 | ≤-25 | PASS |
| NTNV | 11AX40SISO  | Ant2 | 6205 | +40  | -40.46 | ≤-25 | PASS |
| NTNV | 11AX40SISO  | Ant2 | 6205 | +80  | -48.03 | ≤-40 | PASS |
| NTNV | 11AX40SISO  | Ant2 | 6405 | -80  | -47.03 | ≤-40 | PASS |
| NTNV | 11AX40SISO  | Ant2 | 6405 | -40  | -35.94 | ≤-25 | PASS |
| NTNV | 11AX40SISO  | Ant2 | 6405 | +40  | -37.55 | ≤-25 | PASS |
| NTNV | 11AX40SISO  | Ant2 | 6405 | +80  | -47.58 | ≤-40 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 5985 | -160 | -46.96 | ≤-40 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 5985 | -80  | -39.49 | ≤-25 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 5985 | +80  | -40.03 | ≤-25 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 5985 | +160 | -47.87 | ≤-40 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6145 | -160 | -46.12 | ≤-40 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6145 | -80  | -38.55 | ≤-25 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6145 | +80  | -40.35 | ≤-25 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6145 | +160 | -46.16 | ≤-40 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6225 | -160 | -46.84 | ≤-40 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6225 | -80  | -36.79 | ≤-25 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6225 | +80  | -39.54 | ≤-25 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6225 | +160 | -45.76 | ≤-40 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6385 | -160 | -46.34 | ≤-40 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6385 | -80  | -34.37 | ≤-25 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6385 | +80  | -36.69 | ≤-25 | PASS |
| NTNV | 11AX80SISO  | Ant2 | 6385 | +160 | -46.78 | ≤-40 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6025 | -320 | -44.73 | ≤-40 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6025 | -160 | -36.31 | ≤-25 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6025 | +160 | -36.31 | ≤-25 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6025 | +320 | -44.02 | ≤-40 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6185 | -320 | -43.62 | ≤-40 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6185 | -160 | -35.68 | ≤-25 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6185 | +160 | -37.68 | ≤-25 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6185 | +320 | -44.27 | ≤-40 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6345 | -320 | -42.68 | ≤-40 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6345 | -160 | -32.32 | ≤-25 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6345 | +160 | -37.58 | ≤-25 | PASS |
| NTNV | 11AX160SISO | Ant2 | 6345 | +320 | -43.38 | ≤-40 | PASS |

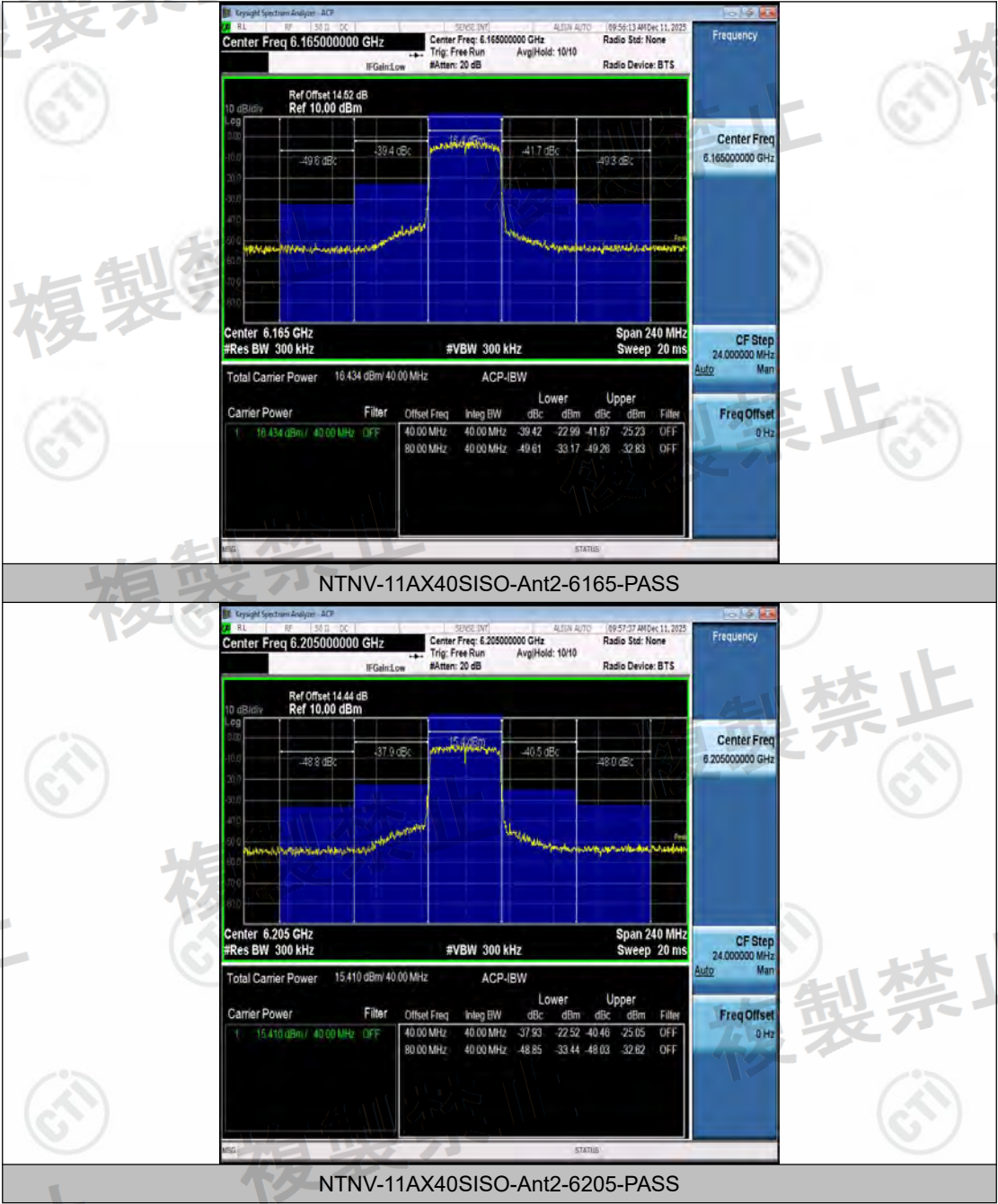
Test Graphs

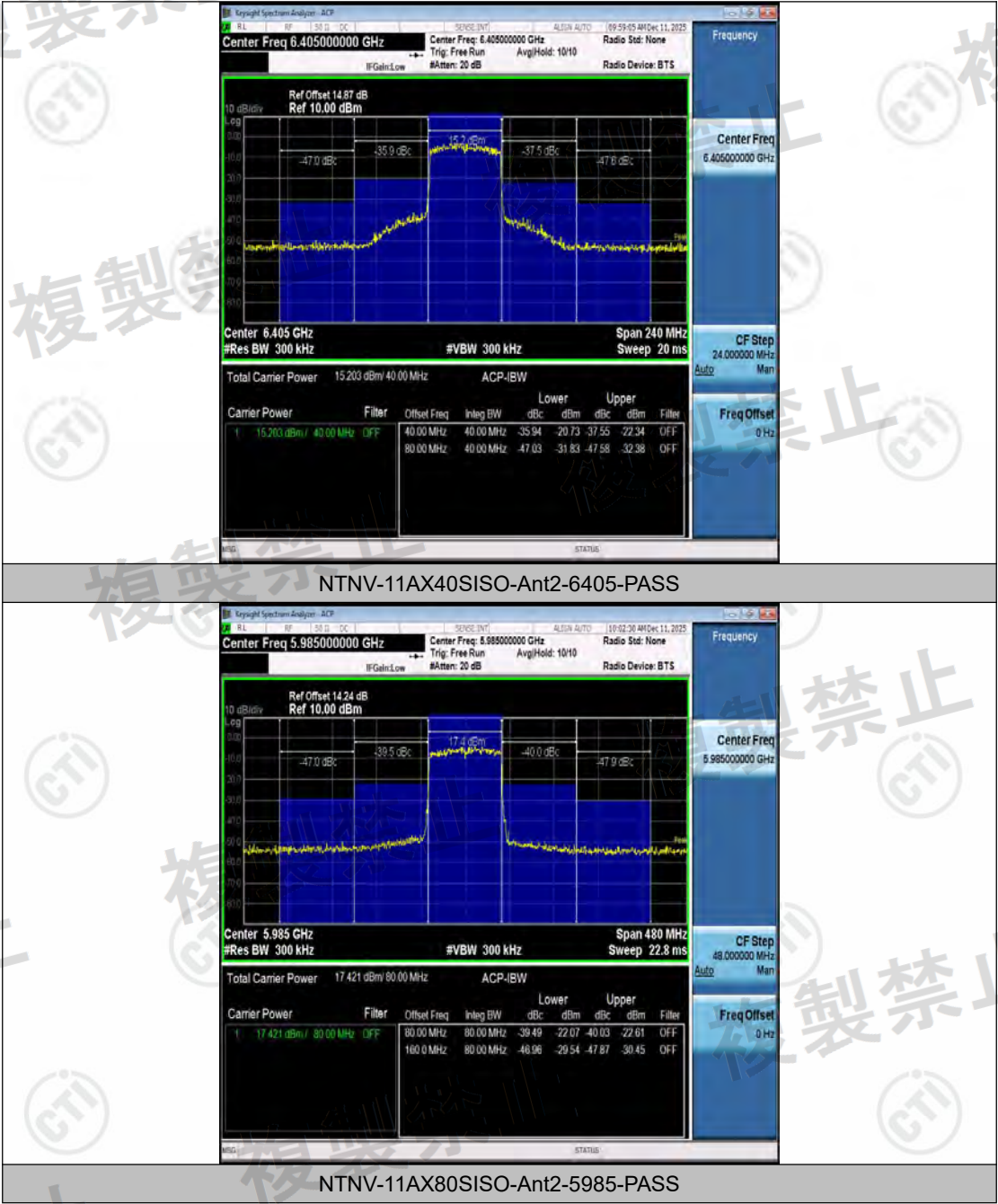


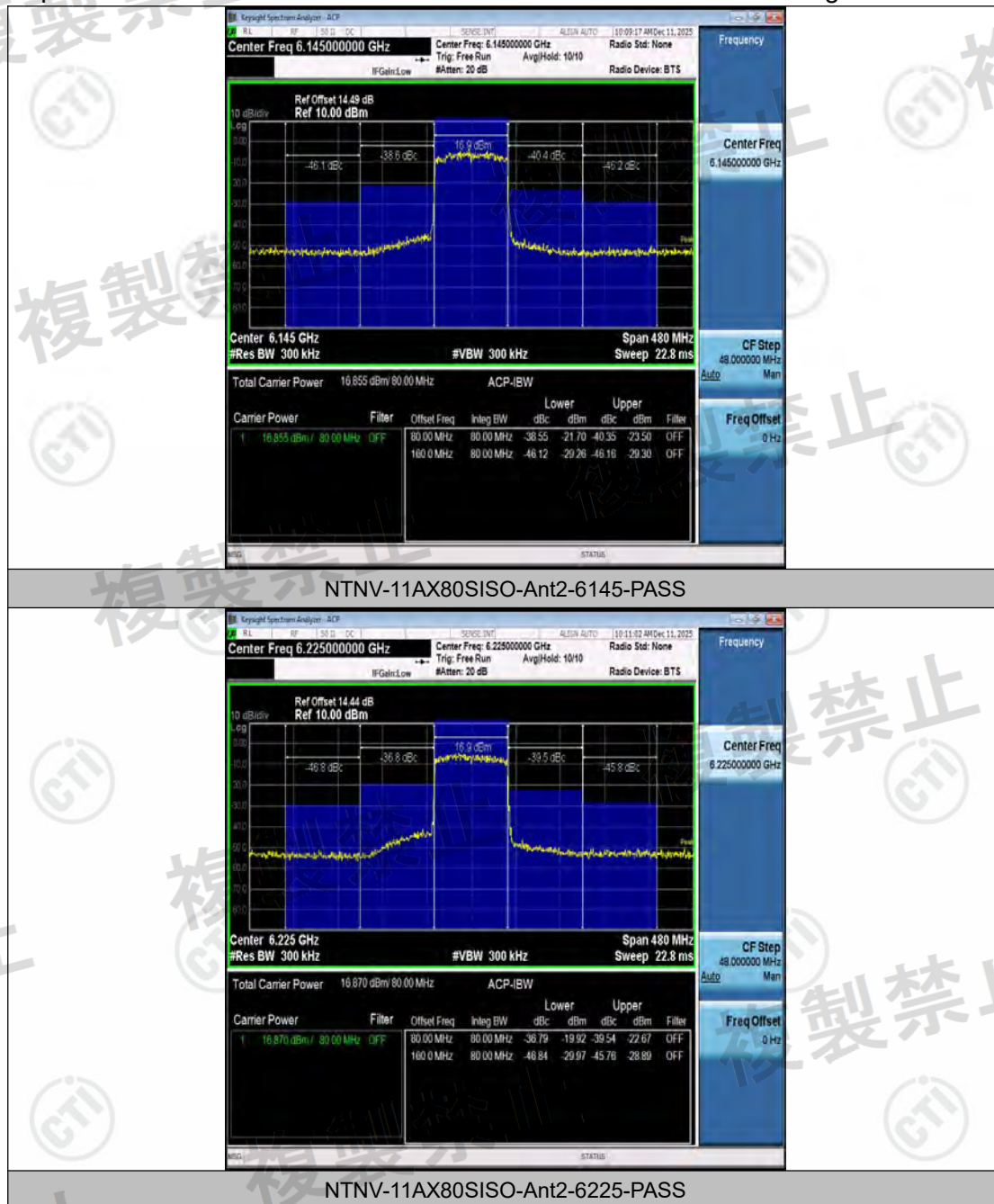


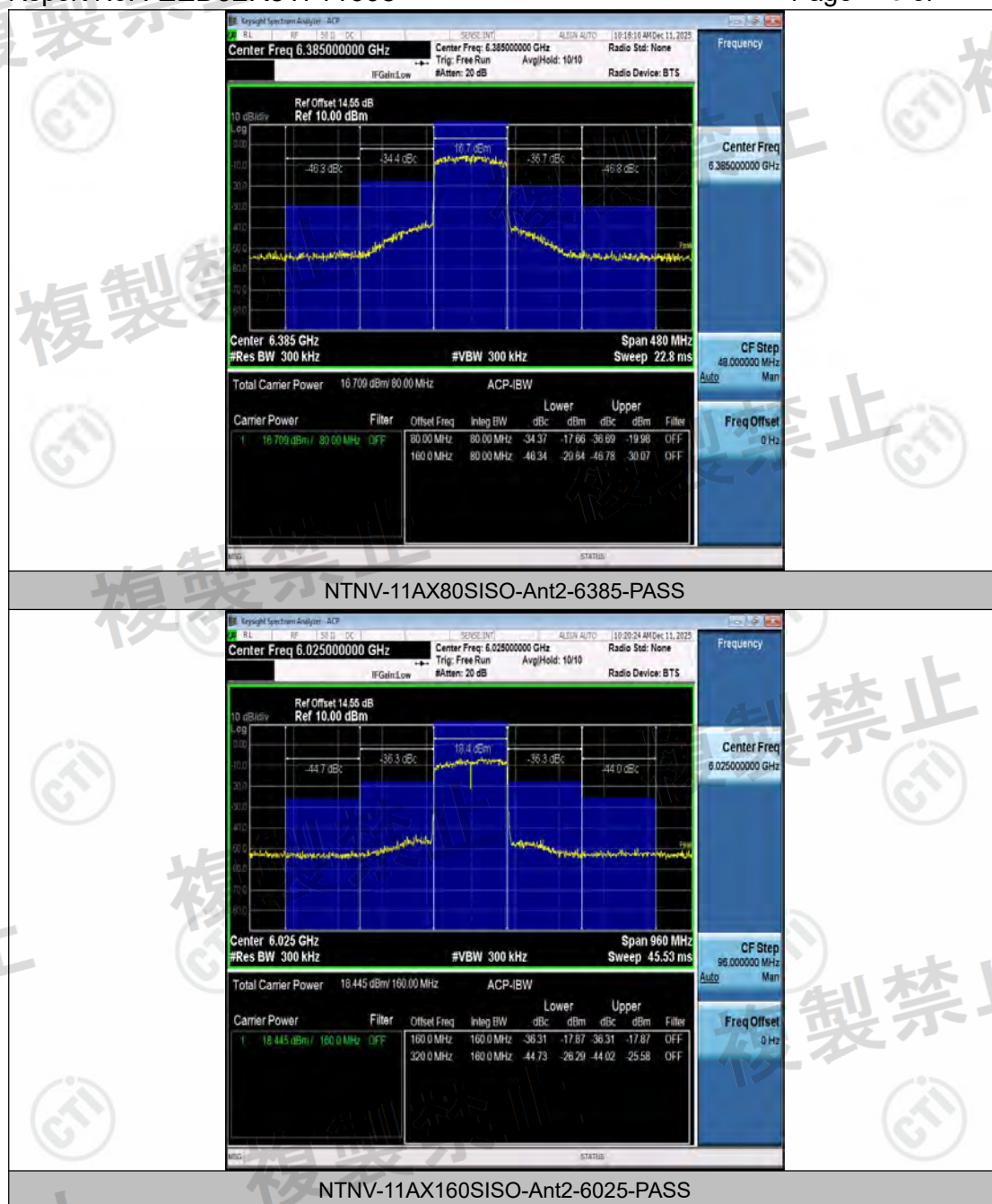


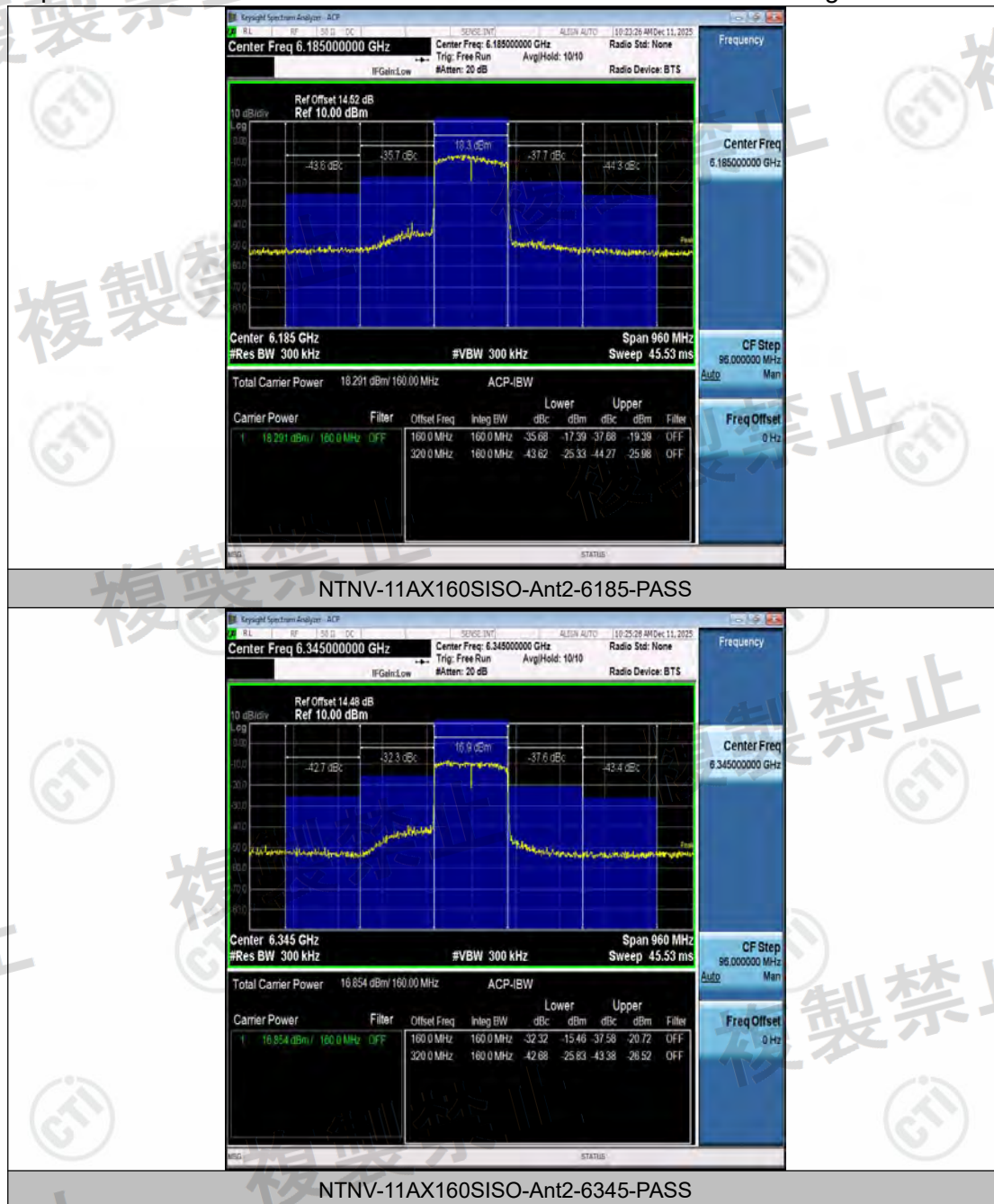












## Appendix I: Carrier Sense Function

### Test Result

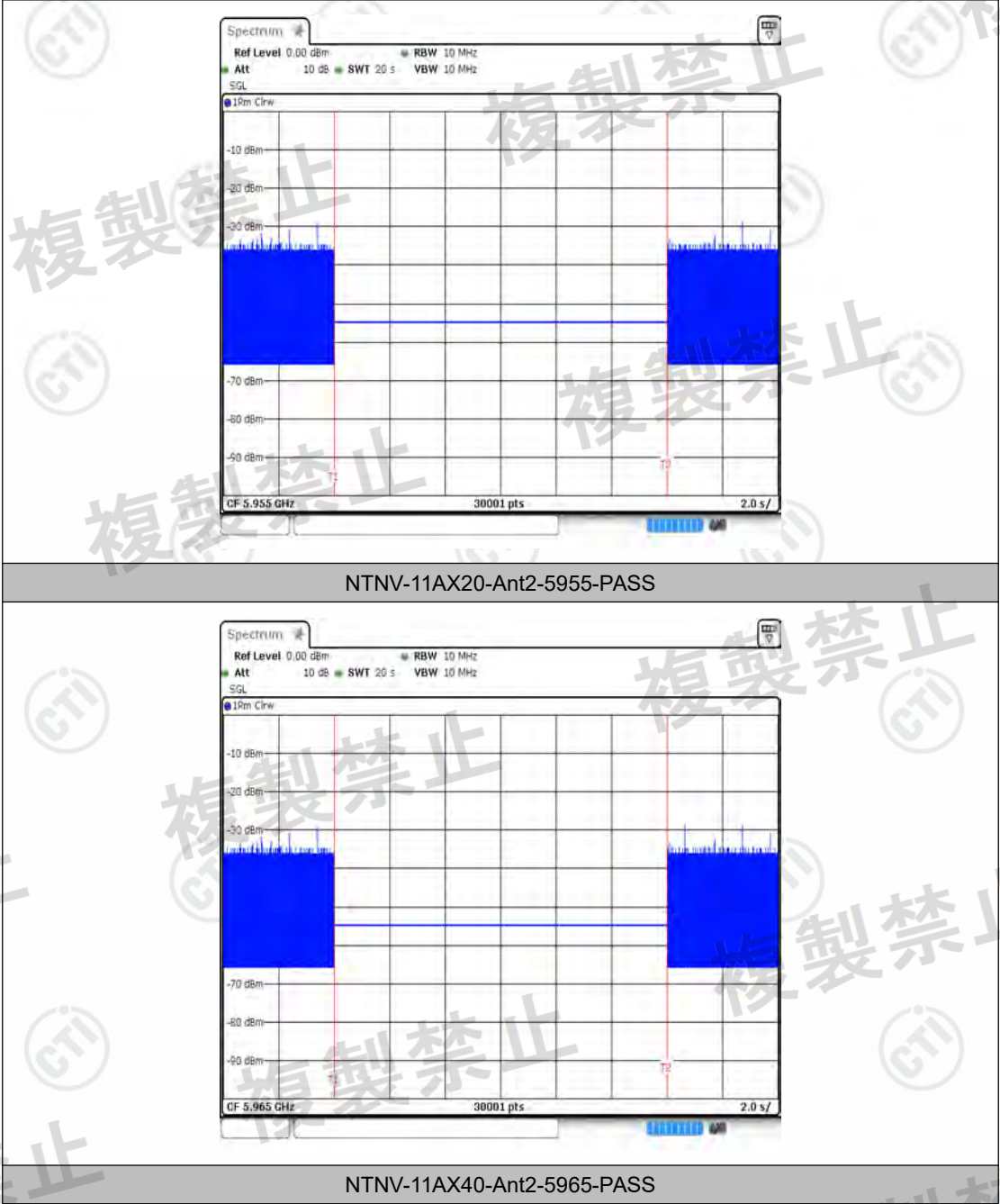
| Condition | Mode  | Frequency (MHz) | Antenna | Verdict |
|-----------|-------|-----------------|---------|---------|
| NVNT      | Ax20  | 5955            | Ant1    | PASS    |
| NVNT      | Ax40  | 5965            | Ant1    | PASS    |
| NVNT      | Ax80  | 5985            | Ant1    | PASS    |
| NVNT      | ax160 | 6025            | Ant1    | PASS    |

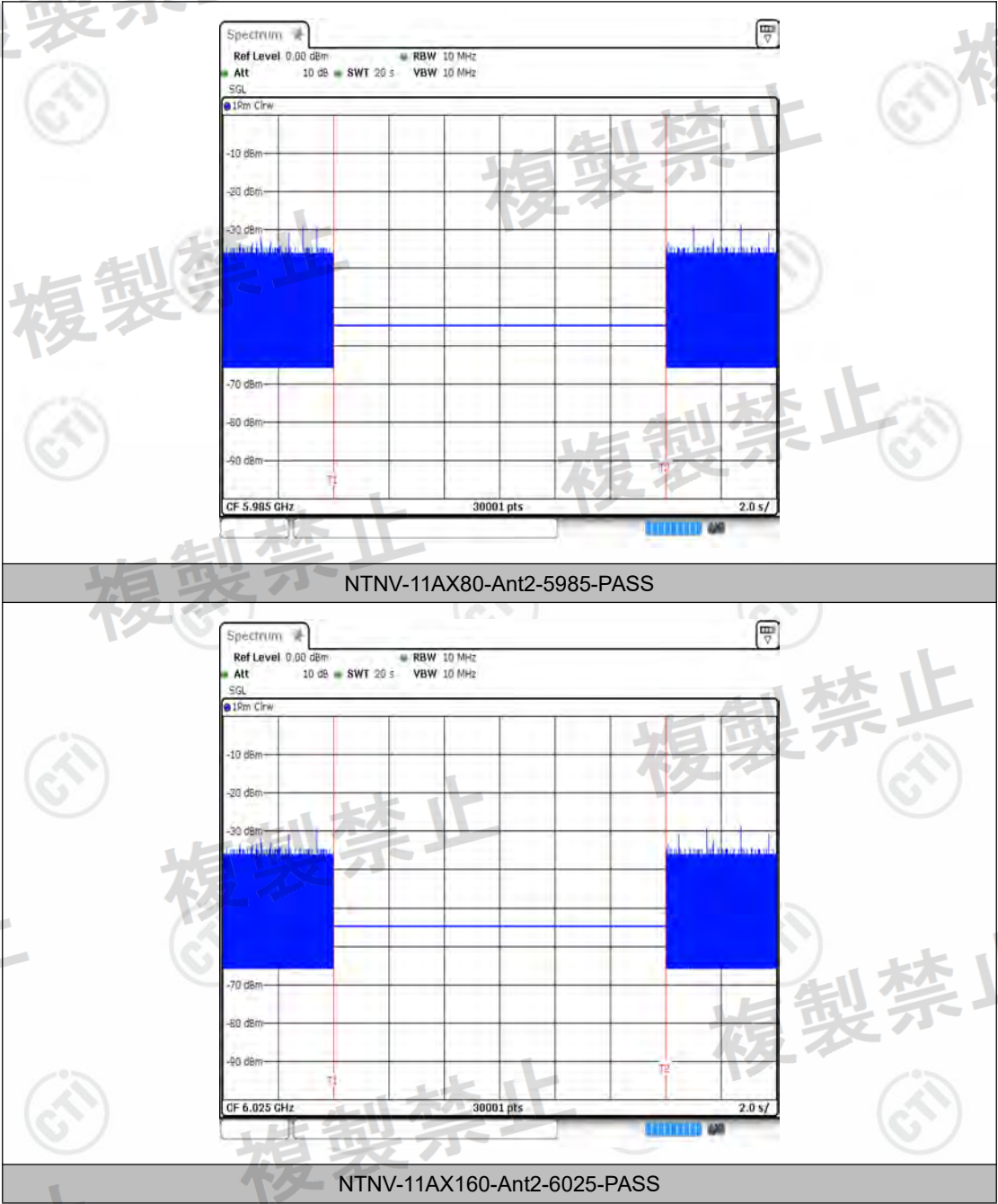
Note: Only the worst data was recorded.

T1: CW signal injection

T2: CW signal remove

Test Graphs





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