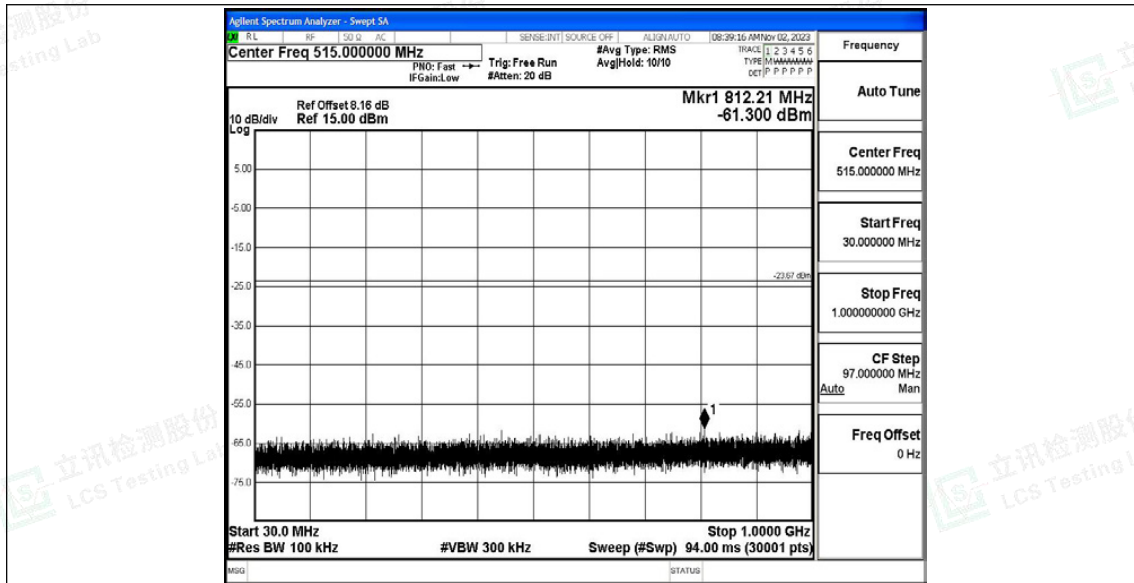
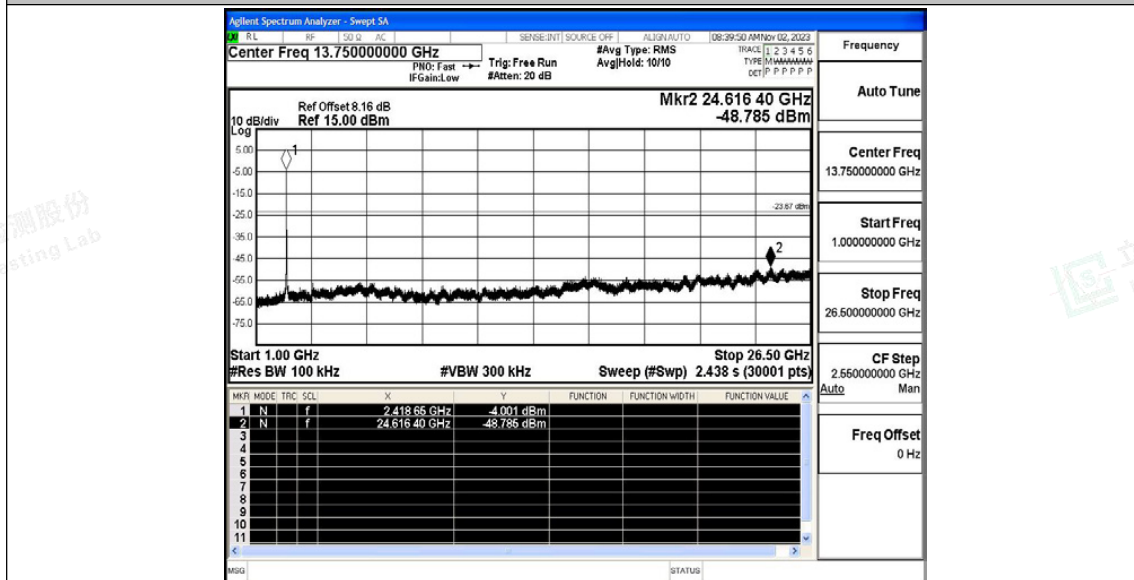


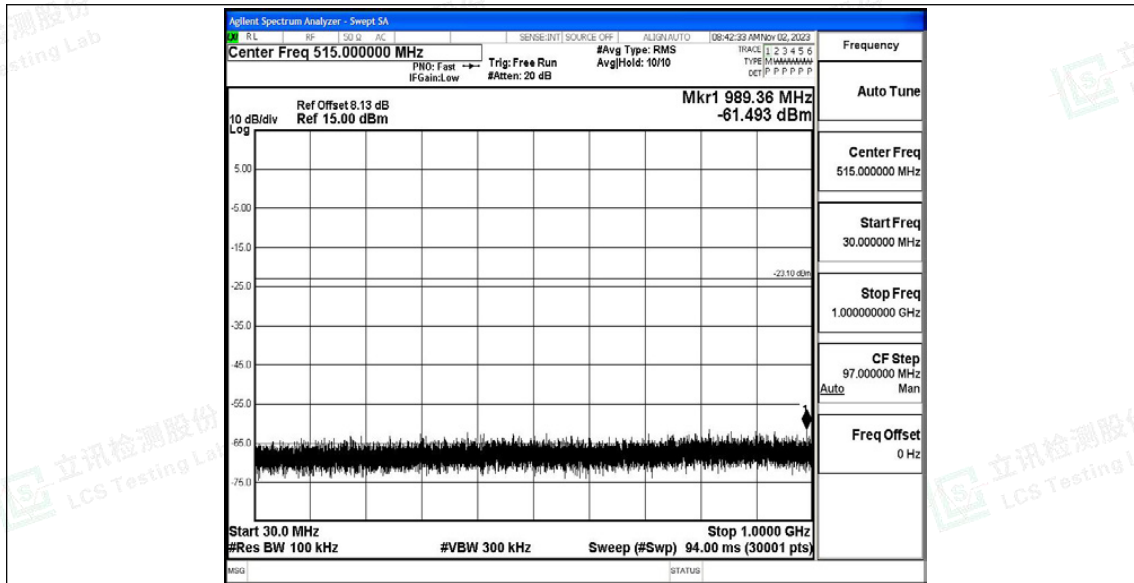


11G\_Ant1\_2412\_1000~26500

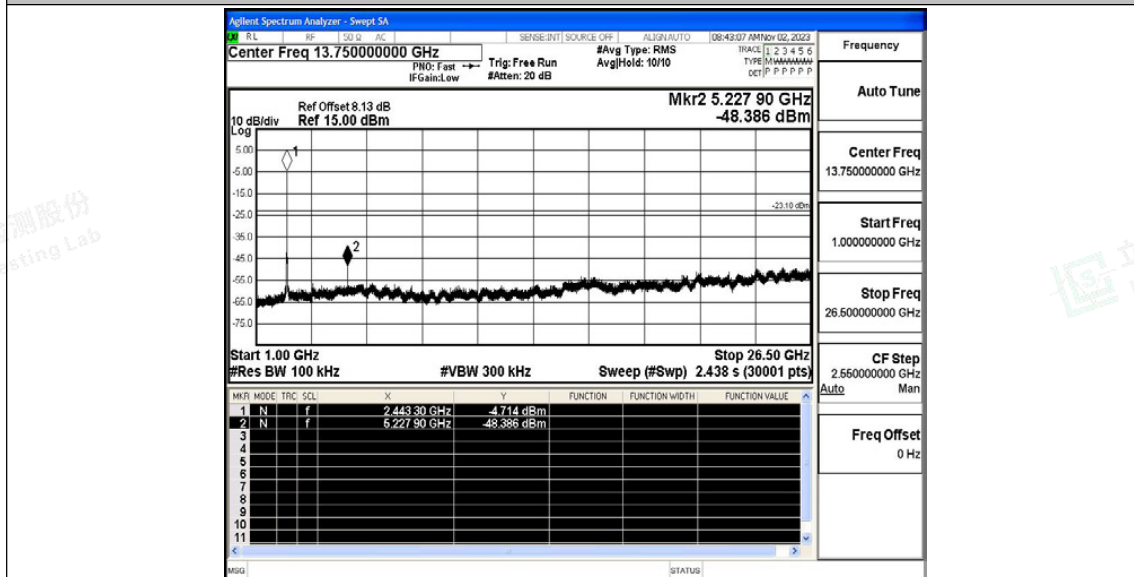


11G\_Ant1\_2437\_30~1000



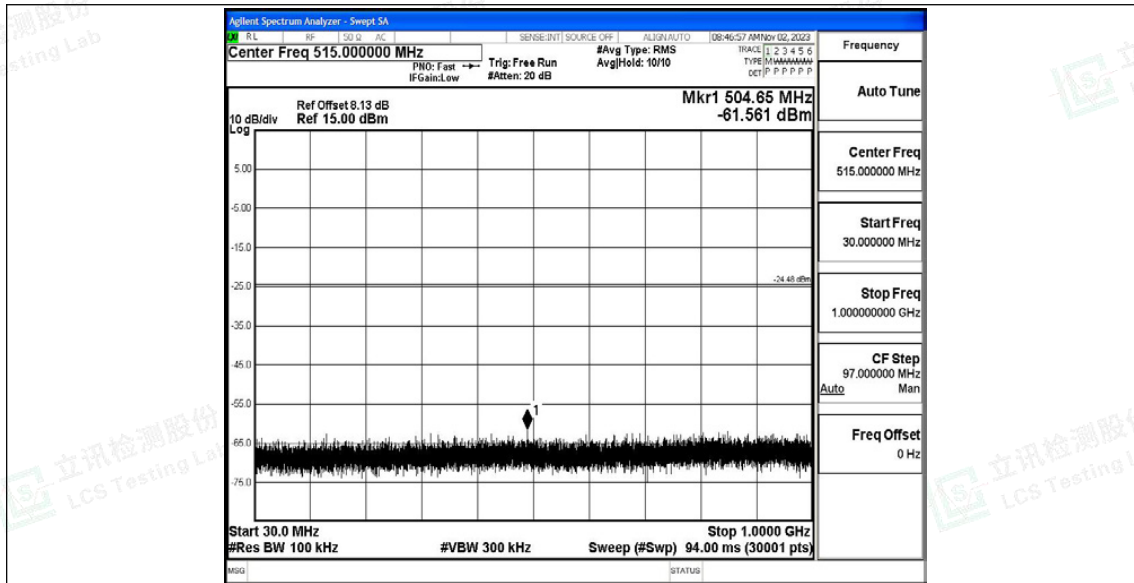


11G\_Ant1\_2437\_1000~26500

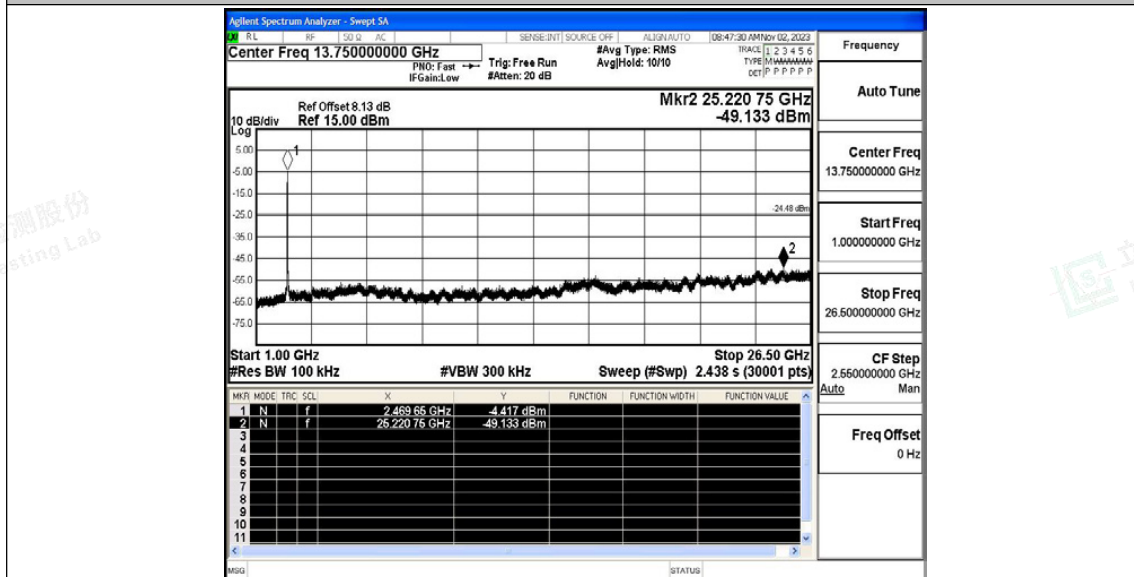


11G\_Ant1\_2462\_30~1000



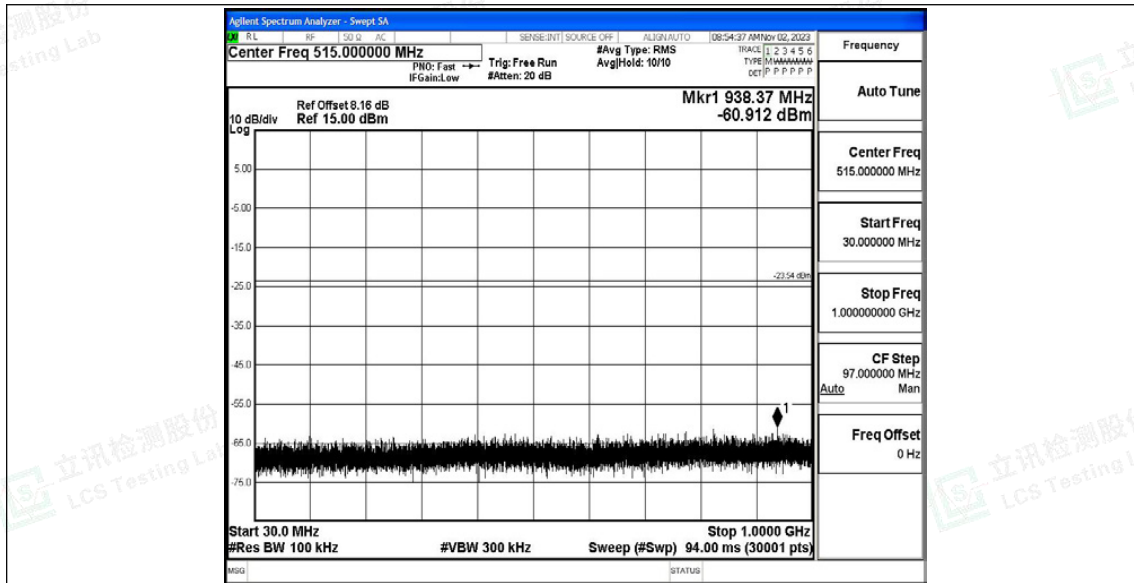


11G\_Ant1\_2462\_1000~26500

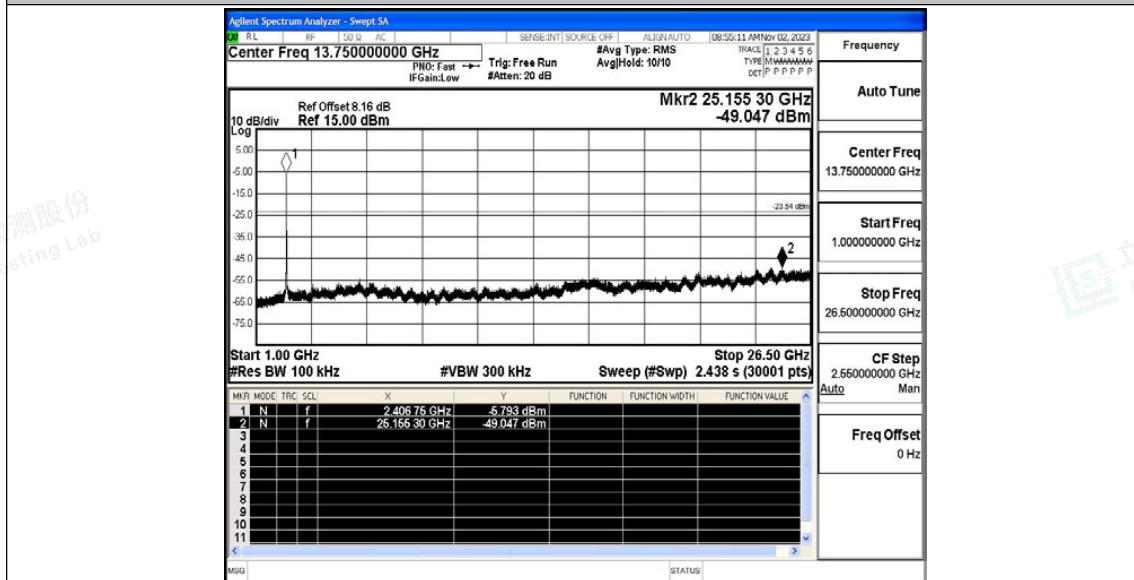


11N20SISO\_Ant1\_2412\_30~1000



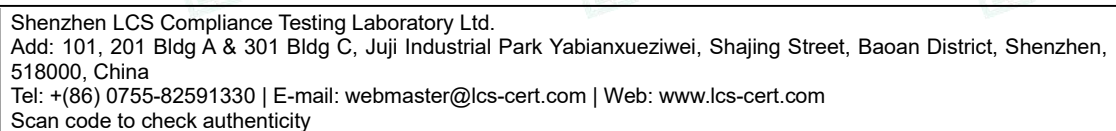
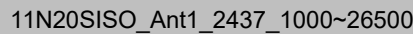
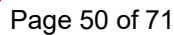


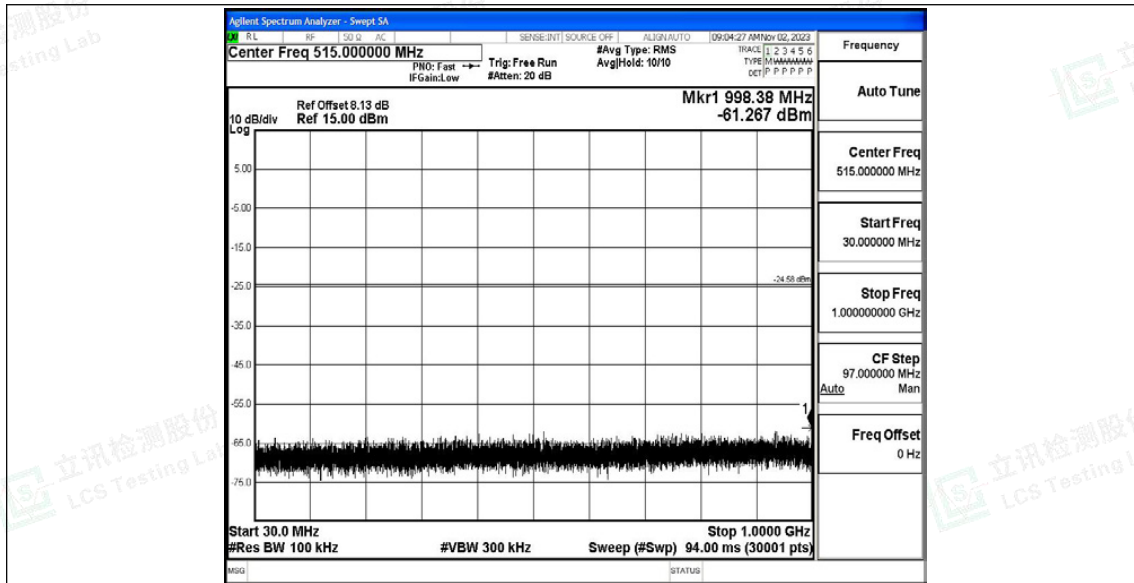
11N20SISO\_Ant1\_2412\_1000~26500



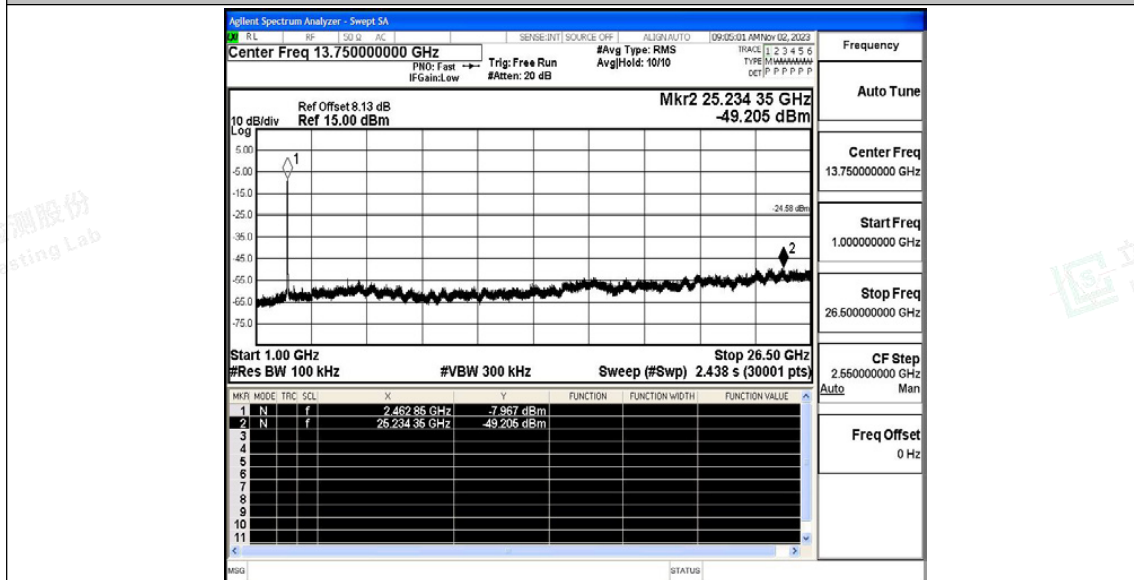
11N20SISO\_Ant1\_2437\_30~1000





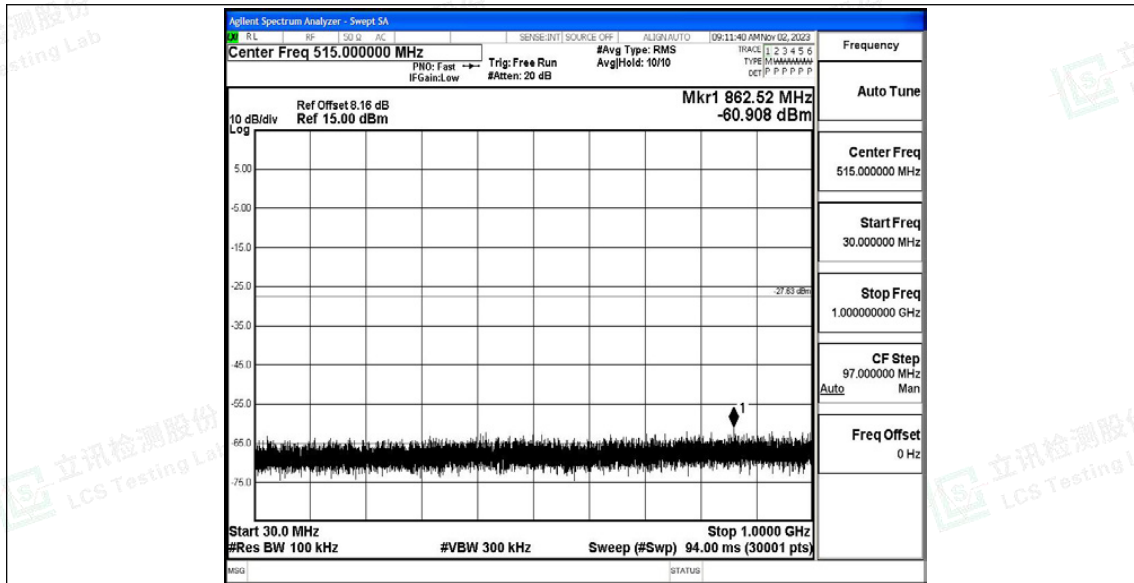


11N20SISO\_Ant1\_2462\_1000~26500

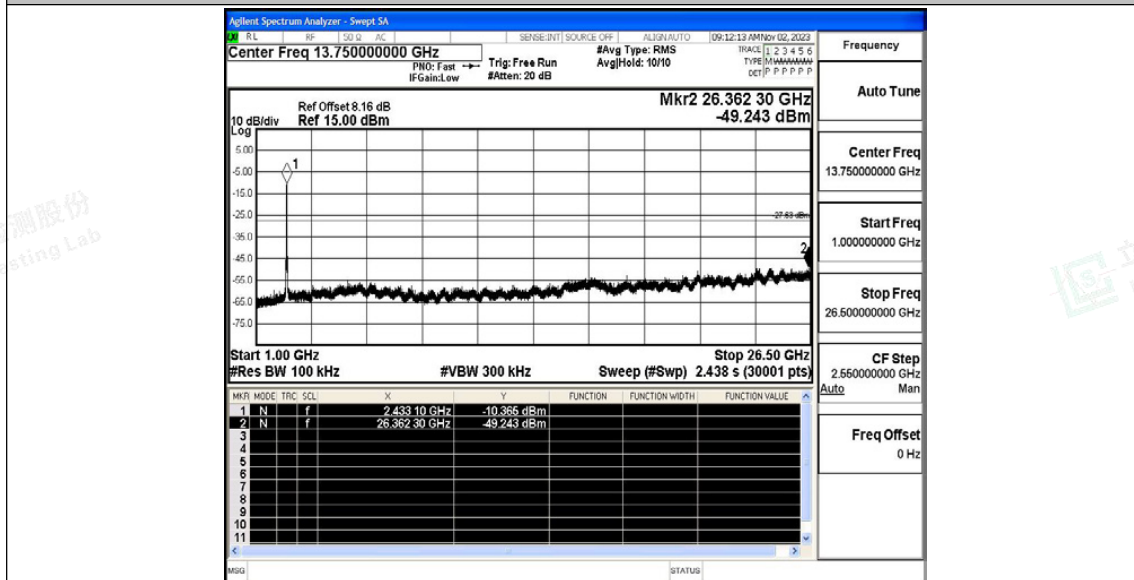


11N40SISO\_Ant1\_2422\_30~1000



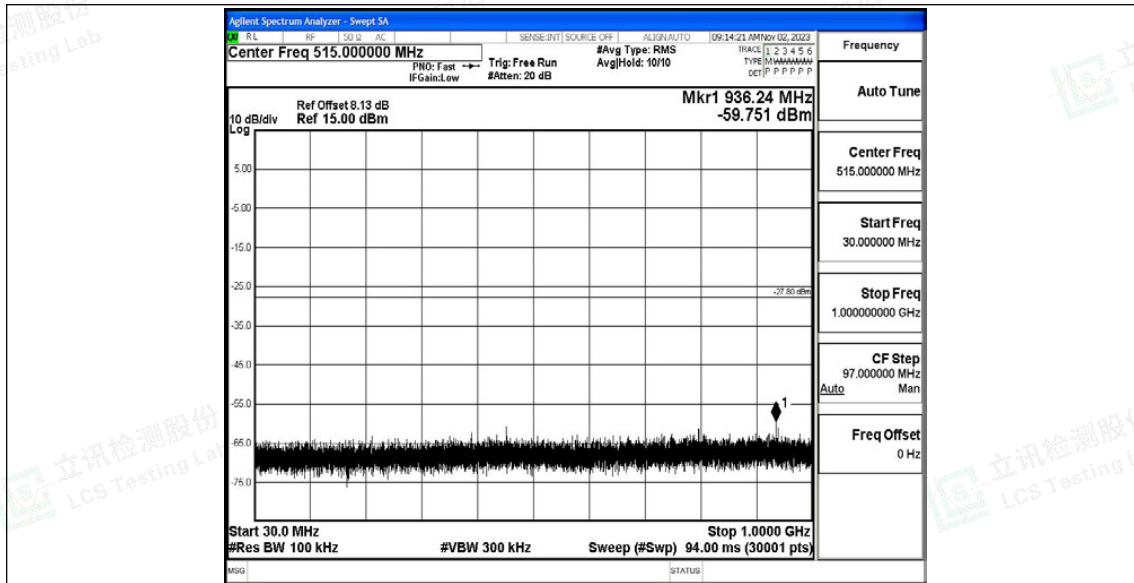


11N40SISO\_Ant1\_2422\_1000~26500

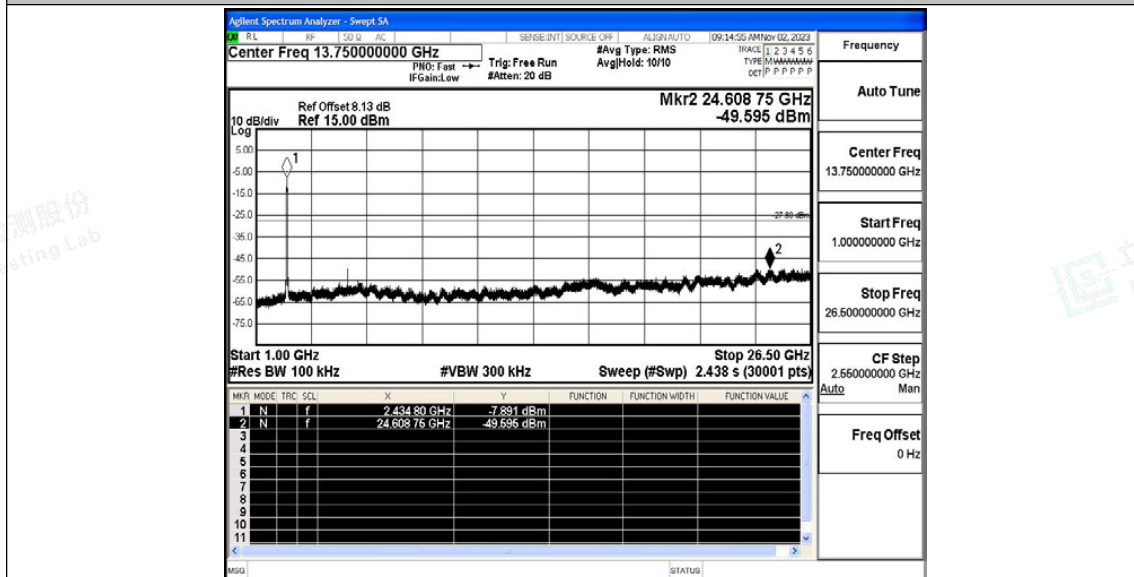


11N40SISO\_Ant1\_2437\_30~1000



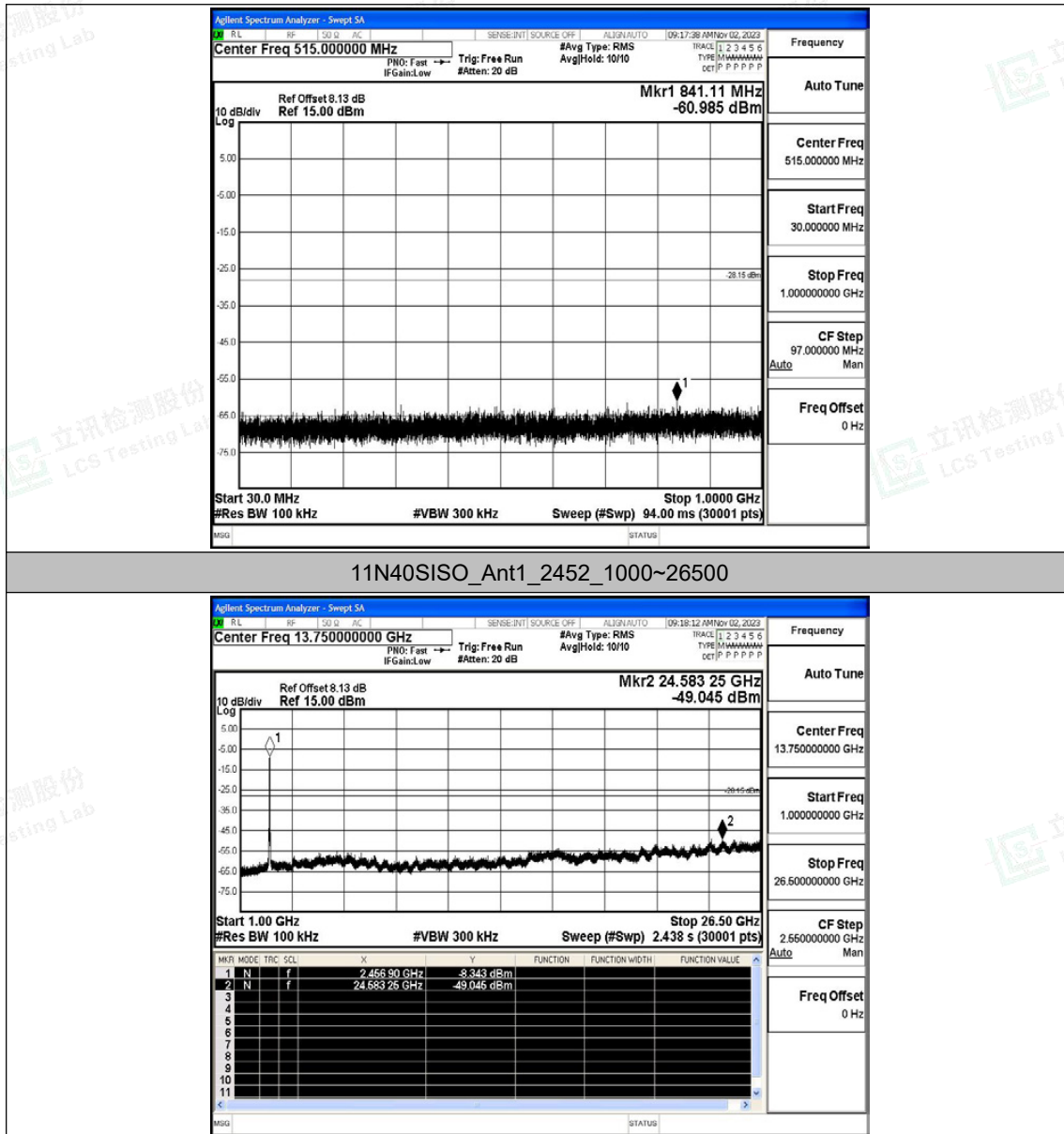


11N40SISO\_Ant1\_2437\_1000~26500



11N40SISO\_Ant1\_2452\_30~1000







## B.7 Duty Cycle

### Test Result

| TestMode  | Antenna | Freq(MHz) | Transmission<br>Duration [ms] | Transmission<br>Period [ms] | Duty<br>Cycle [%] | Factor | 1/T<br>(kHz) | Verdict |
|-----------|---------|-----------|-------------------------------|-----------------------------|-------------------|--------|--------------|---------|
| 11B       | Ant1    | 2412      | 20.00                         | 20.00                       | 100.00            | 0.00   | 0.01         | ---     |
|           |         | 2437      | 20.00                         | 20.00                       | 100.00            | 0.00   | 0.01         | ---     |
|           |         | 2462      | 20.00                         | 20.00                       | 100.00            | 0.00   | 0.01         | ---     |
| 11G       | Ant1    | 2412      | 1.39                          | 1.43                        | 97.20             | 0.12   | 0.70         | ---     |
|           |         | 2437      | 1.39                          | 1.43                        | 97.20             | 0.12   | 0.70         | ---     |
|           |         | 2462      | 1.39                          | 1.43                        | 97.20             | 0.12   | 0.70         | ---     |
| 11N20SISO | Ant1    | 2412      | 1.30                          | 1.34                        | 97.01             | 0.13   | 0.75         | ---     |
|           |         | 2437      | 1.30                          | 1.34                        | 97.01             | 0.13   | 0.75         | ---     |
|           |         | 2462      | 1.30                          | 1.33                        | 97.74             | 0.10   | 0.75         | ---     |
| 11N40SISO | Ant1    | 2422      | 0.64                          | 0.68                        | 94.12             | 0.26   | 1.47         | ---     |
|           |         | 2437      | 0.65                          | 0.68                        | 95.59             | 0.20   | 1.47         | ---     |
|           |         | 2452      | 0.64                          | 0.68                        | 94.12             | 0.26   | 1.47         | ---     |





## Test Graphs

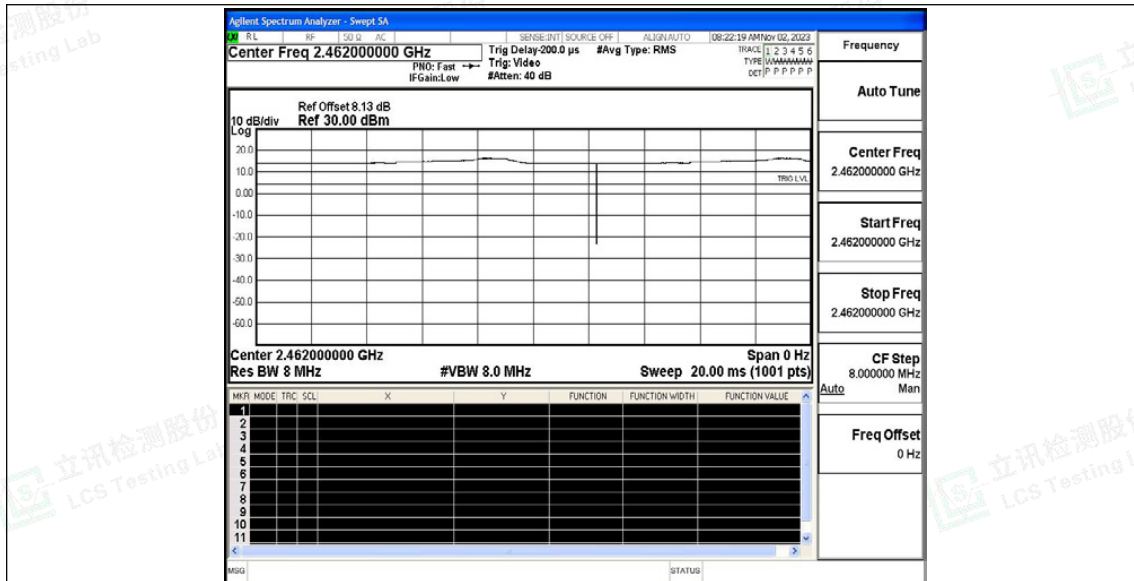


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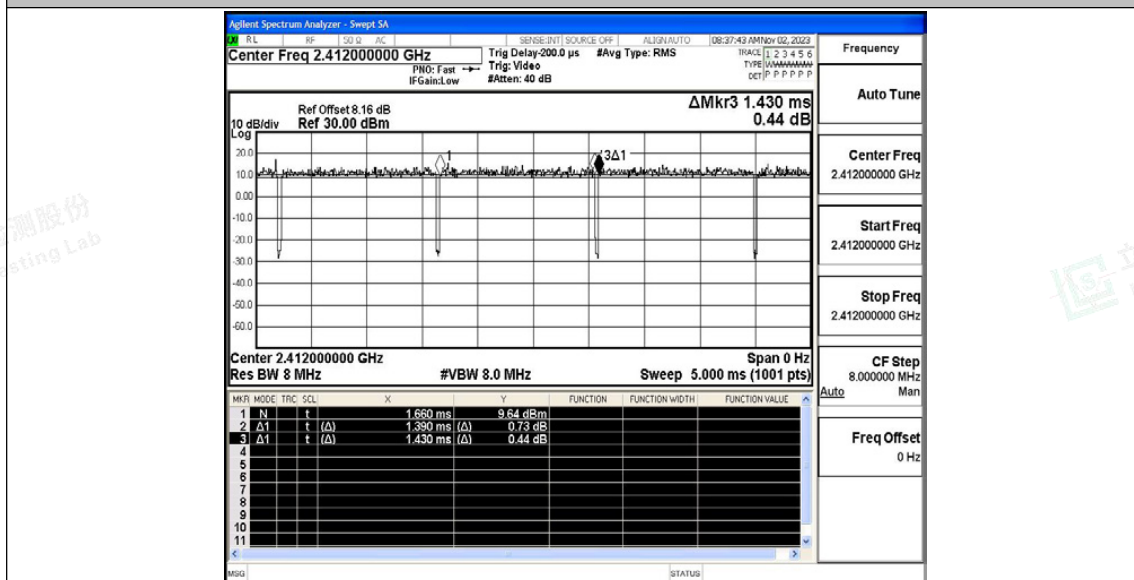
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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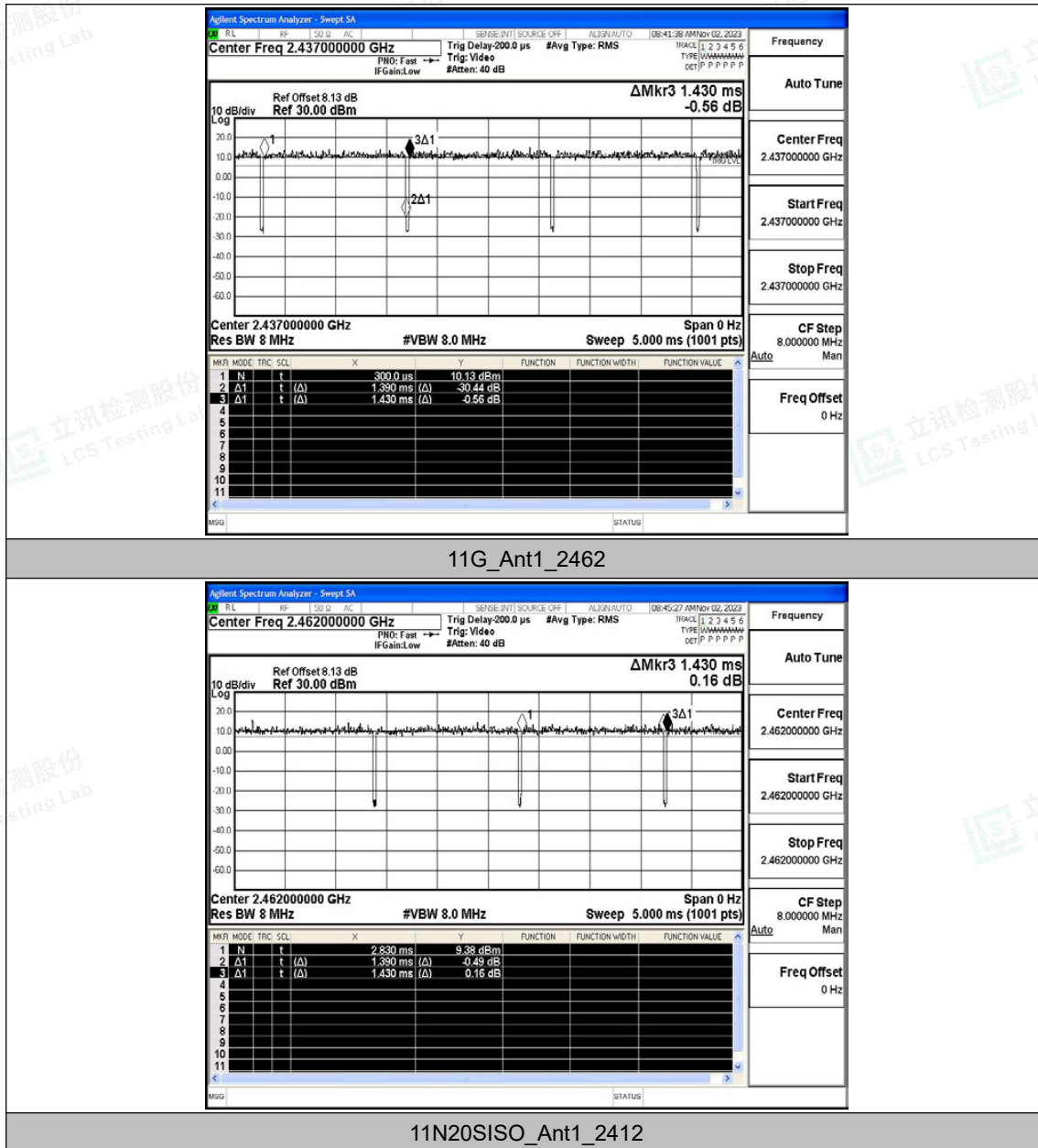


11G\_Ant1\_2412



11G\_Ant1\_2437



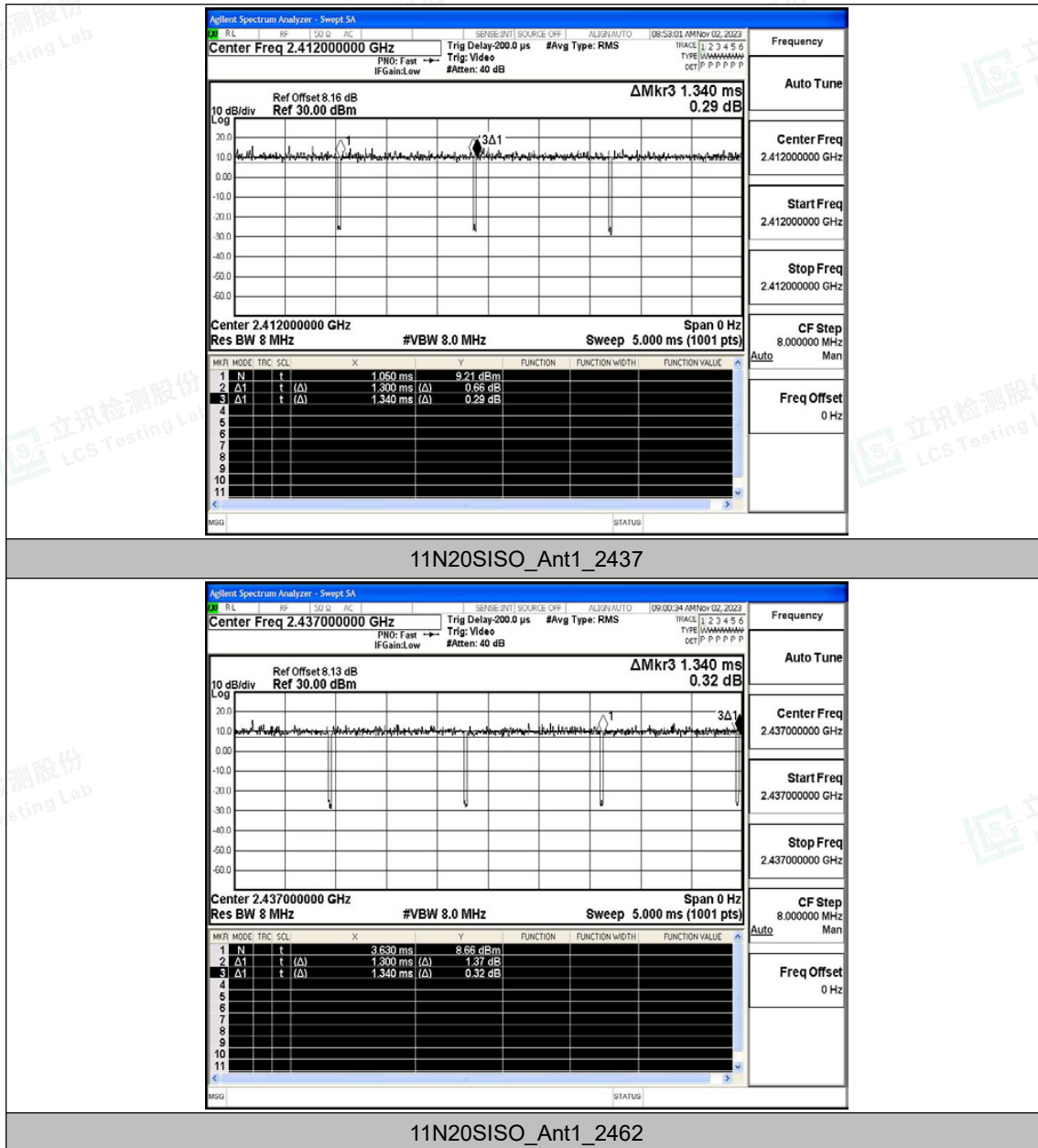


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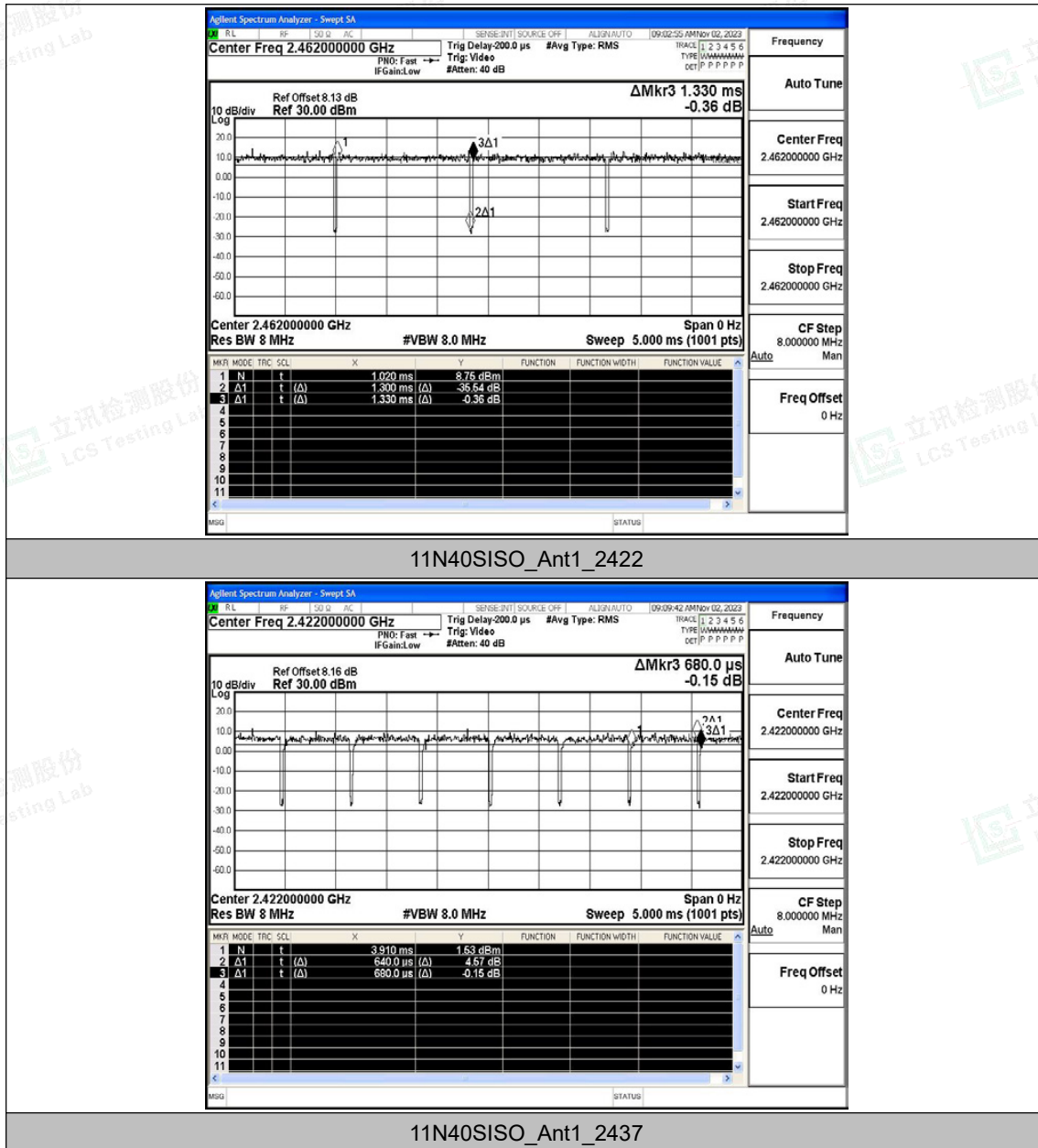


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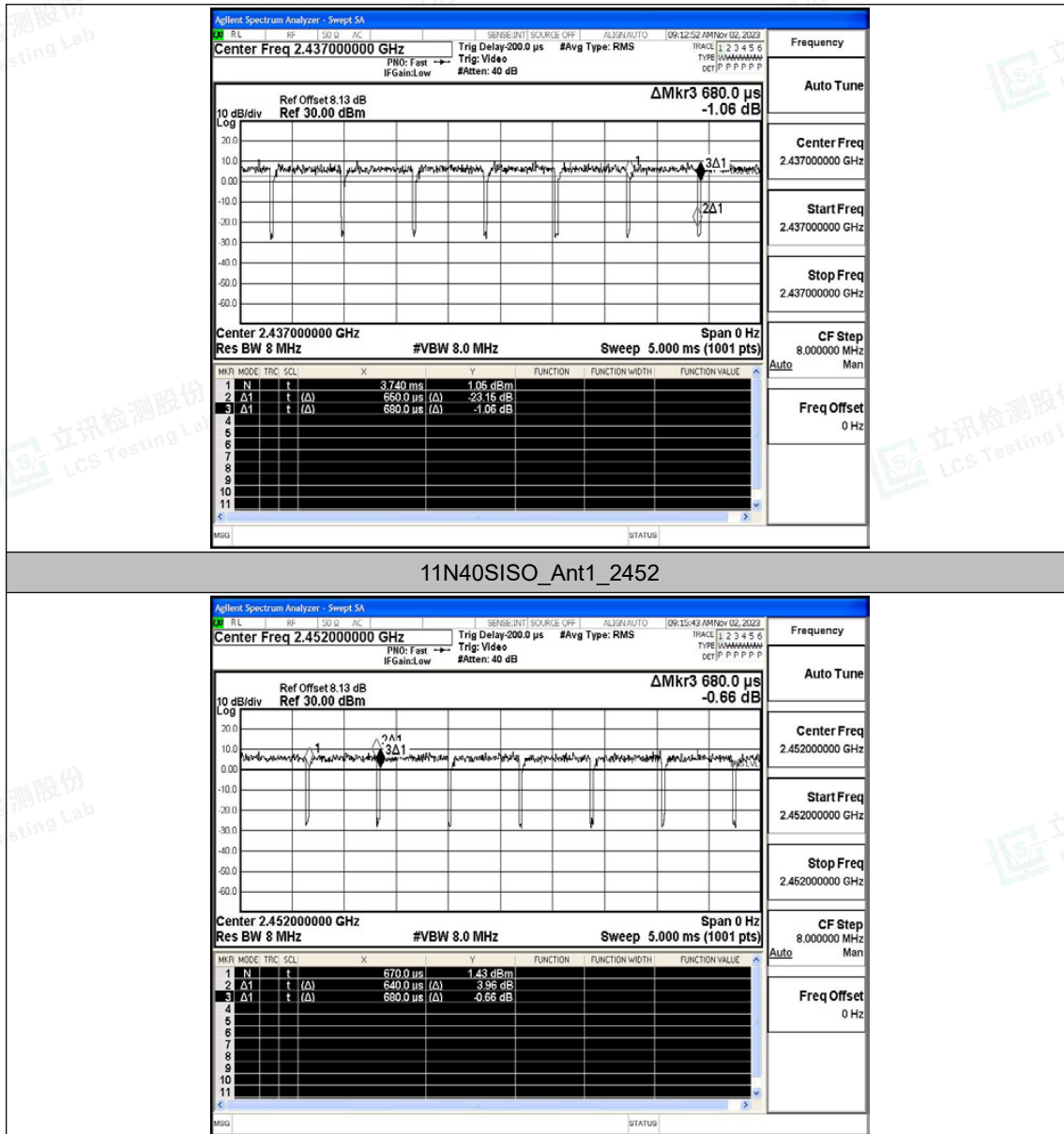


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## B.8 Emissions in Restricted Bands

### Test Result

| TestMode      | Antenna | ChName | Freq(MHz ) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|---------------|---------|--------|------------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| 11B           | Ant1    | Low    | 2412       | AV       | 2310.000   | -49.51       | ≤-41.20     | 45.69           | ≤54            | PASS    |
|               |         |        |            | AV       | 2389.310   | -48.51       | ≤-41.20     | 46.69           | ≤54            | PASS    |
|               |         |        |            | AV       | 2390.000   | -48.56       | ≤-41.20     | 46.64           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2310.000   | -41.58       | ≤-21.20     | 53.62           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2389.180   | -39.21       | ≤-21.20     | 55.99           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2390.000   | -42.34       | ≤-21.20     | 52.86           | ≤74            | PASS    |
|               |         | High   | 2462       | AV       | 2483.500   | -48.62       | ≤-41.20     | 46.58           | ≤54            | PASS    |
|               |         |        |            | AV       | 2486.750   | -48.55       | ≤-41.20     | 46.65           | ≤54            | PASS    |
|               |         |        |            | AV       | 2500.000   | -48.79       | ≤-41.20     | 46.41           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2483.500   | -42.2        | ≤-21.20     | 53.00           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2496.980   | -39.78       | ≤-21.20     | 55.42           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2500.000   | -42.58       | ≤-21.20     | 52.62           | ≤74            | PASS    |
| 11G           | Ant1    | Low    | 2412       | AV       | 2310.000   | -48.82       | ≤-41.20     | 46.38           | ≤54            | PASS    |
|               |         |        |            | AV       | 2389.960   | -46.09       | ≤-41.20     | 49.11           | ≤54            | PASS    |
|               |         |        |            | AV       | 2390.000   | -46.09       | ≤-41.20     | 49.11           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2310.000   | -42.22       | ≤-21.20     | 52.98           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2389.570   | -38.89       | ≤-21.20     | 56.31           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2390.000   | -39.22       | ≤-21.20     | 55.98           | ≤74            | PASS    |
|               |         | High   | 2462       | AV       | 2483.500   | -44.64       | ≤-41.20     | 50.56           | ≤54            | PASS    |
|               |         |        |            | AV       | 2483.560   | -44.67       | ≤-41.20     | 50.53           | ≤54            | PASS    |
|               |         |        |            | AV       | 2500.000   | -47.71       | ≤-41.20     | 47.49           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2483.500   | -34.54       | ≤-21.20     | 60.66           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2483.890   | -34.75       | ≤-21.20     | 60.45           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2500.000   | -39.94       | ≤-21.20     | 55.26           | ≤74            | PASS    |
| 11N20SIS<br>O | Ant1    | Low    | 2412       | AV       | 2310.000   | -48.77       | ≤-41.20     | 46.43           | ≤54            | PASS    |
|               |         |        |            | AV       | 2389.830   | -45.35       | ≤-41.20     | 49.85           | ≤54            | PASS    |
|               |         |        |            | AV       | 2390.000   | -45.37       | ≤-41.20     | 49.83           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2310.000   | -41.34       | ≤-21.20     | 53.86           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2389.960   | -38.02       | ≤-21.20     | 57.18           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2390.000   | -38.02       | ≤-21.20     | 57.18           | ≤74            | PASS    |
|               |         | High   | 2462       | AV       | 2483.500   | -44.99       | ≤-41.20     | 50.21           | ≤54            | PASS    |
|               |         |        |            | AV       | 2483.670   | -45.09       | ≤-41.20     | 50.11           | ≤54            | PASS    |
|               |         |        |            | AV       | 2500.000   | -47.87       | ≤-41.20     | 47.33           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2483.500   | -36.08       | ≤-21.20     | 59.12           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2485.100   | -35.6        | ≤-21.20     | 59.60           | ≤74            | PASS    |



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|               |      |      |      |      |          |        |               |       |           |      |
|---------------|------|------|------|------|----------|--------|---------------|-------|-----------|------|
| 11N40SIS<br>O | Ant1 | Low  | 2422 | Peak | 2500.000 | -42.63 | $\leq -21.20$ | 52.57 | $\leq 74$ | PASS |
|               |      |      |      | AV   | 2310.000 | -48.45 | $\leq -41.20$ | 46.75 | $\leq 54$ | PASS |
|               |      |      |      | AV   | 2388.010 | -43.42 | $\leq -41.20$ | 51.78 | $\leq 54$ | PASS |
|               |      |      |      | AV   | 2390.000 | -43.92 | $\leq -41.20$ | 51.28 | $\leq 54$ | PASS |
|               |      |      |      | Peak | 2310.000 | -42.16 | $\leq -21.20$ | 53.04 | $\leq 74$ | PASS |
|               |      |      |      | Peak | 2388.920 | -30.37 | $\leq -21.20$ | 64.83 | $\leq 74$ | PASS |
|               |      | High | 2452 | Peak | 2390.000 | -38.42 | $\leq -21.20$ | 56.78 | $\leq 74$ | PASS |
|               |      |      |      | AV   | 2483.500 | -43.57 | $\leq -41.20$ | 51.63 | $\leq 54$ | PASS |
|               |      |      |      | AV   | 2484.220 | -43.16 | $\leq -41.20$ | 52.04 | $\leq 54$ | PASS |
|               |      |      |      | AV   | 2500.000 | -46.9  | $\leq -41.20$ | 48.30 | $\leq 54$ | PASS |
|               |      |      |      | Peak | 2483.500 | -40.41 | $\leq -21.20$ | 54.79 | $\leq 74$ | PASS |
|               |      |      |      | Peak | 2485.430 | -27.3  | $\leq -21.20$ | 67.90 | $\leq 74$ | PASS |
|               |      |      |      | Peak | 2500.000 | -39.17 | $\leq -21.20$ | 56.03 | $\leq 74$ | PASS |

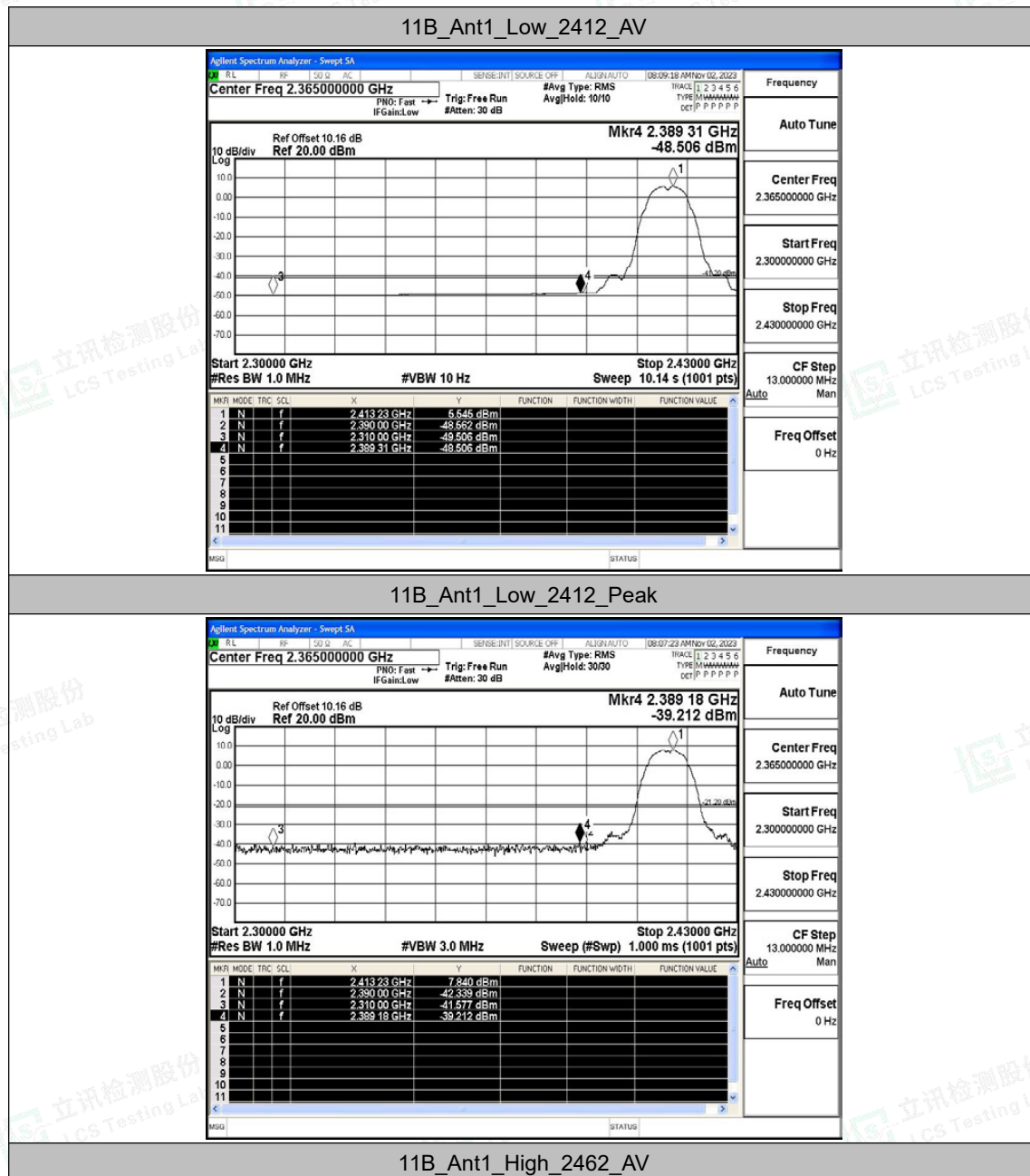
## Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.





## Test Graphs

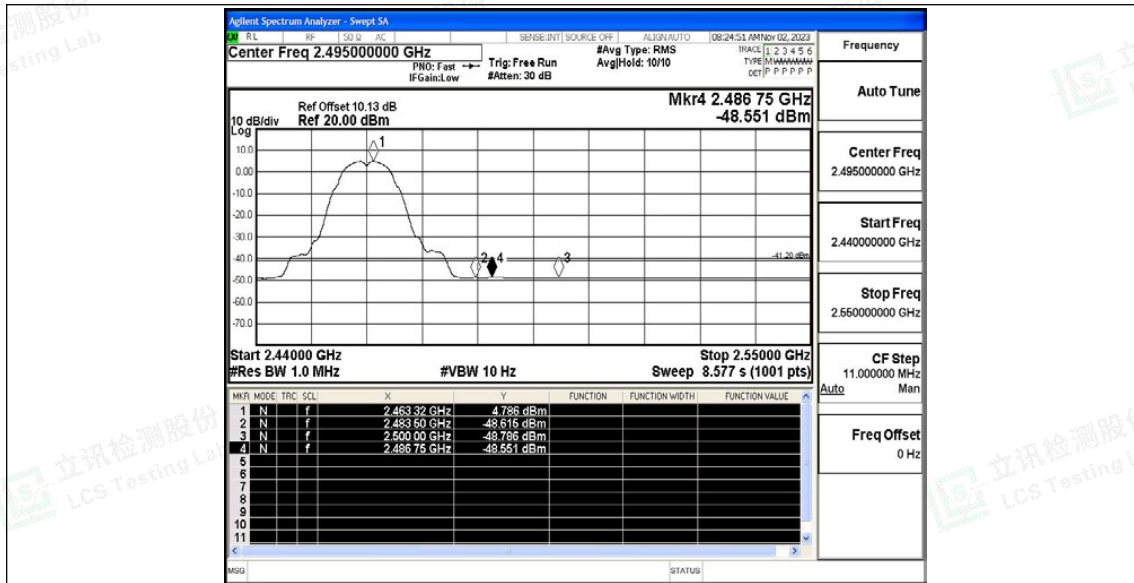


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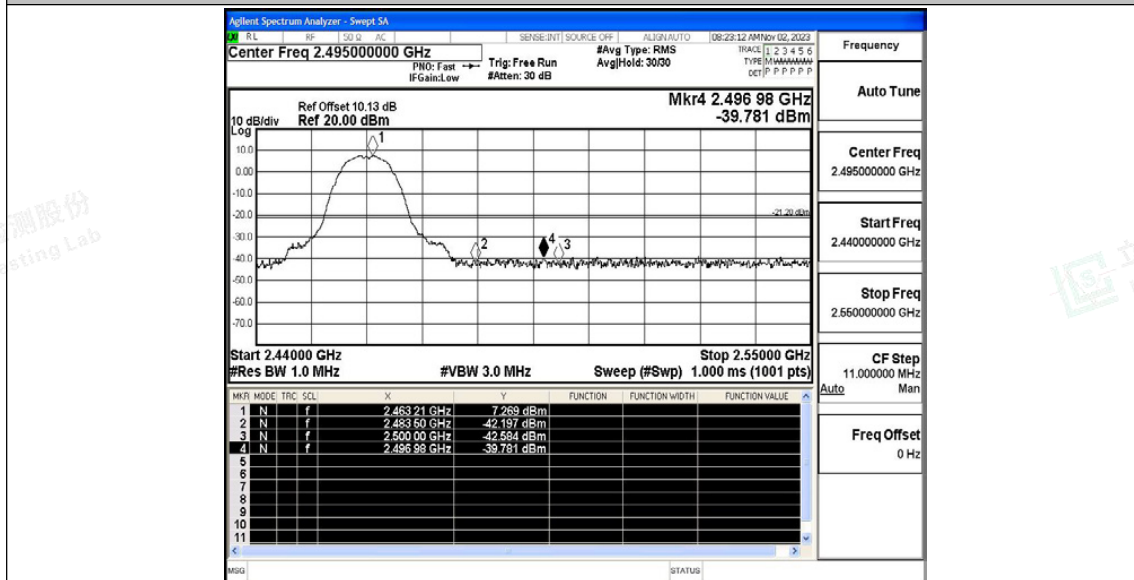
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11B\_Ant1\_High\_2462\_Peak



11G\_Ant1\_Low\_2412\_AV

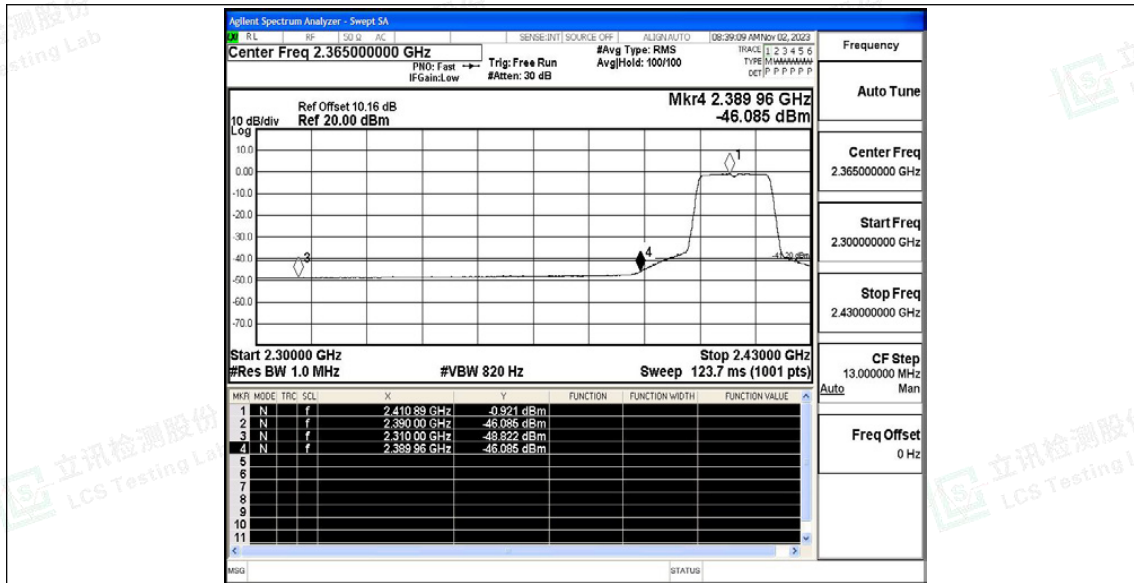


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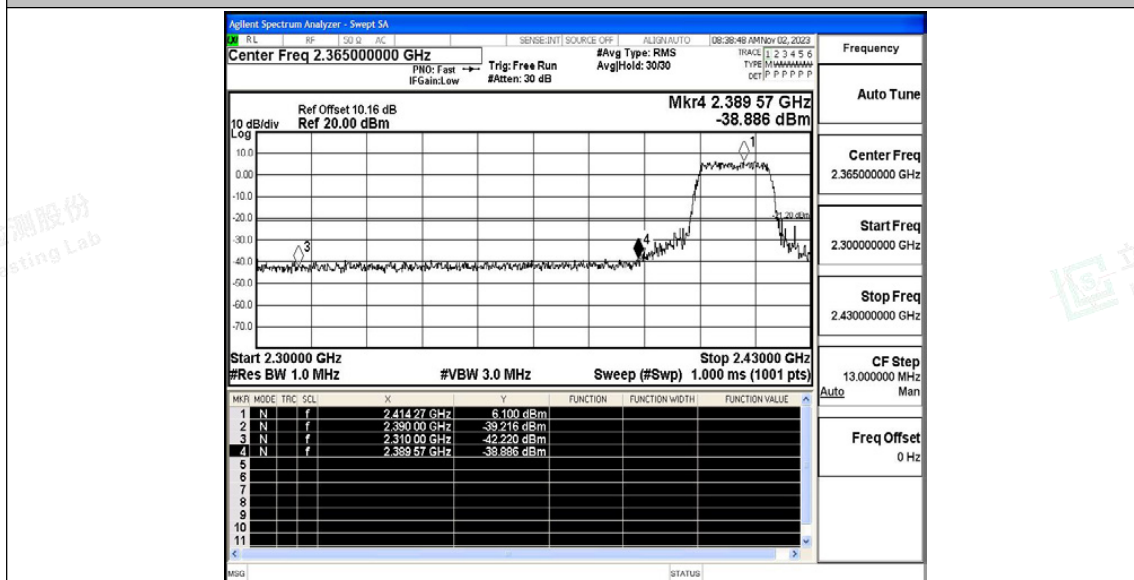
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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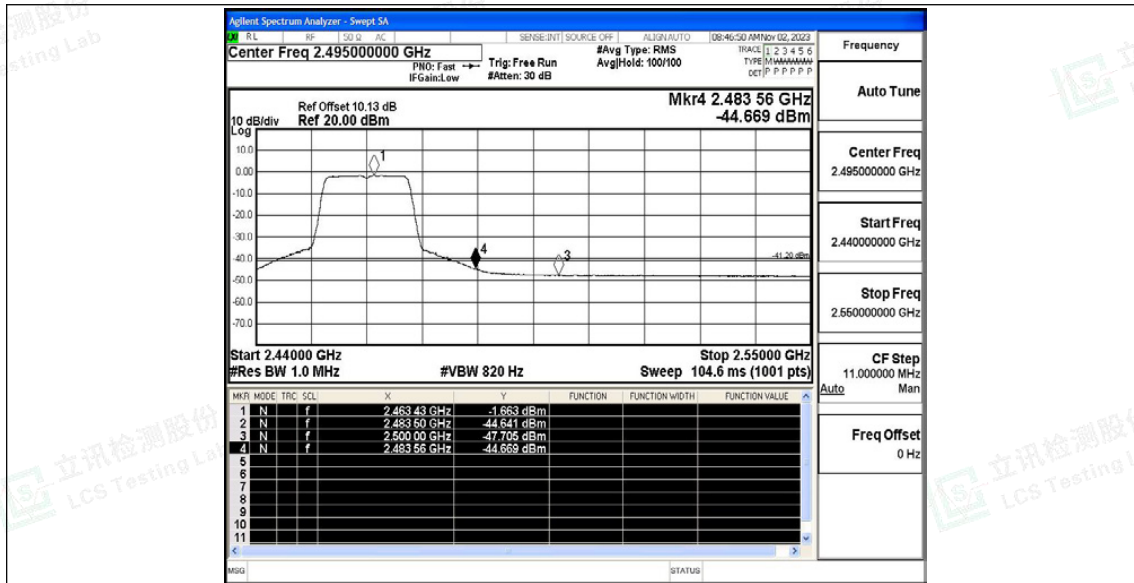


11G\_Ant1\_Low\_2412\_Peak

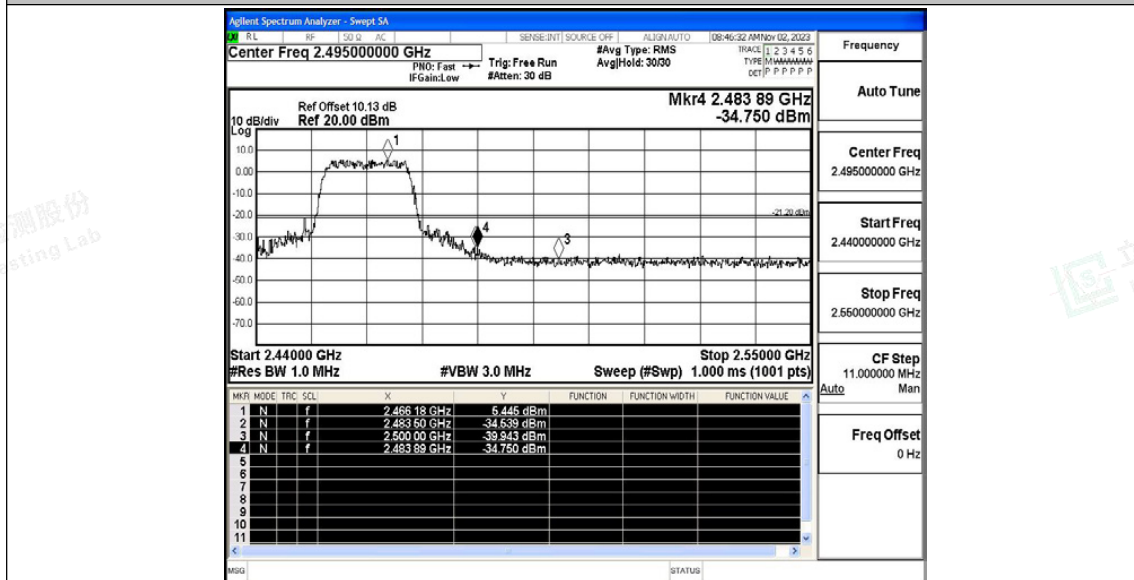


11G\_Ant1\_High\_2462\_AV





11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV

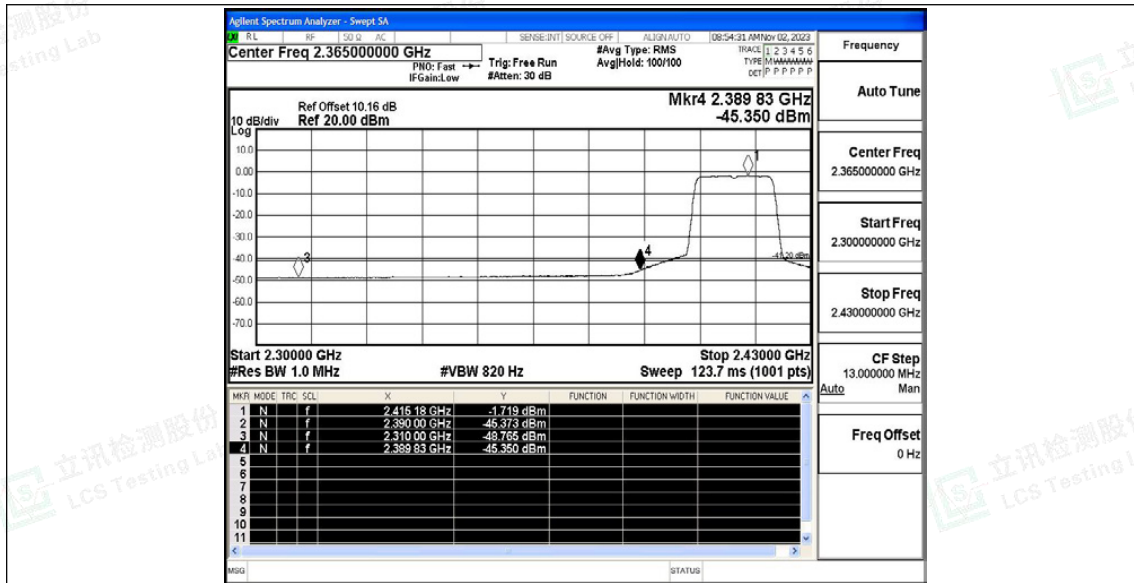


Shenzhen LCS Compliance Testing Laboratory Ltd.

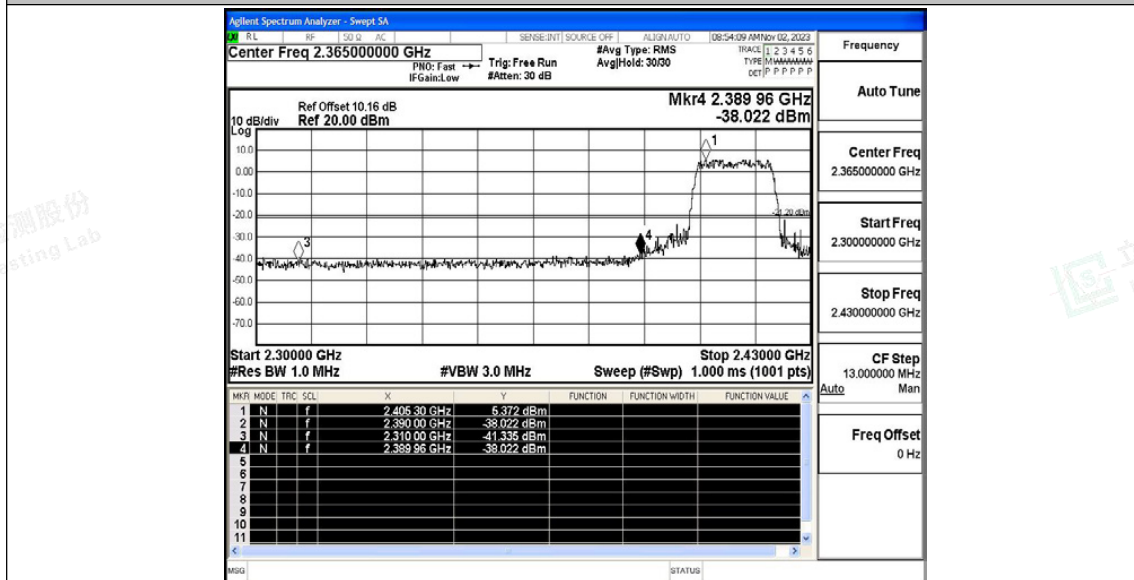
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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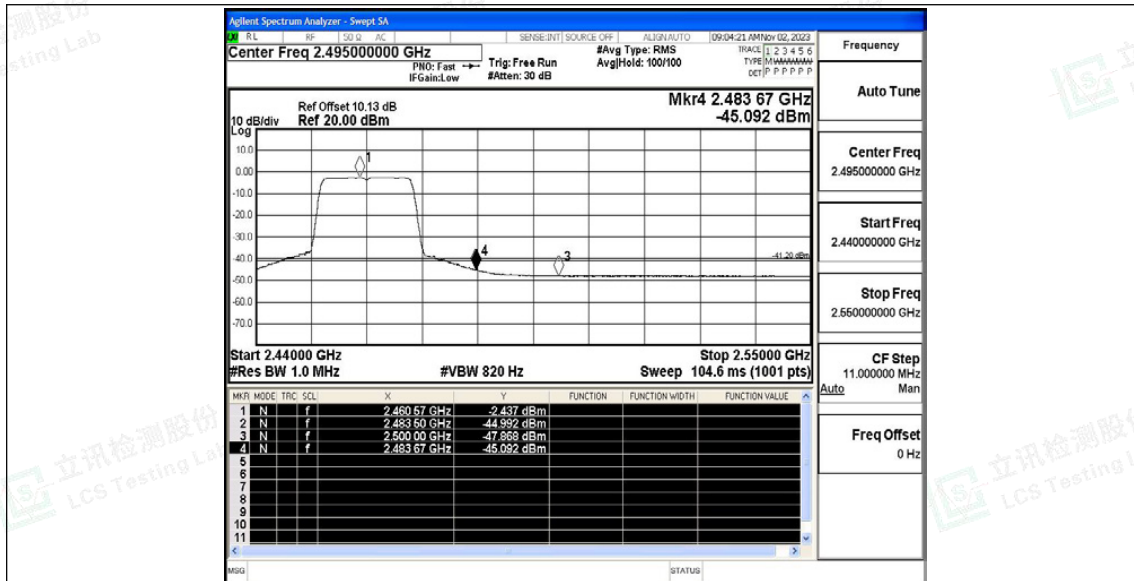


11N20SISO\_Ant1\_Low\_2412\_Peak

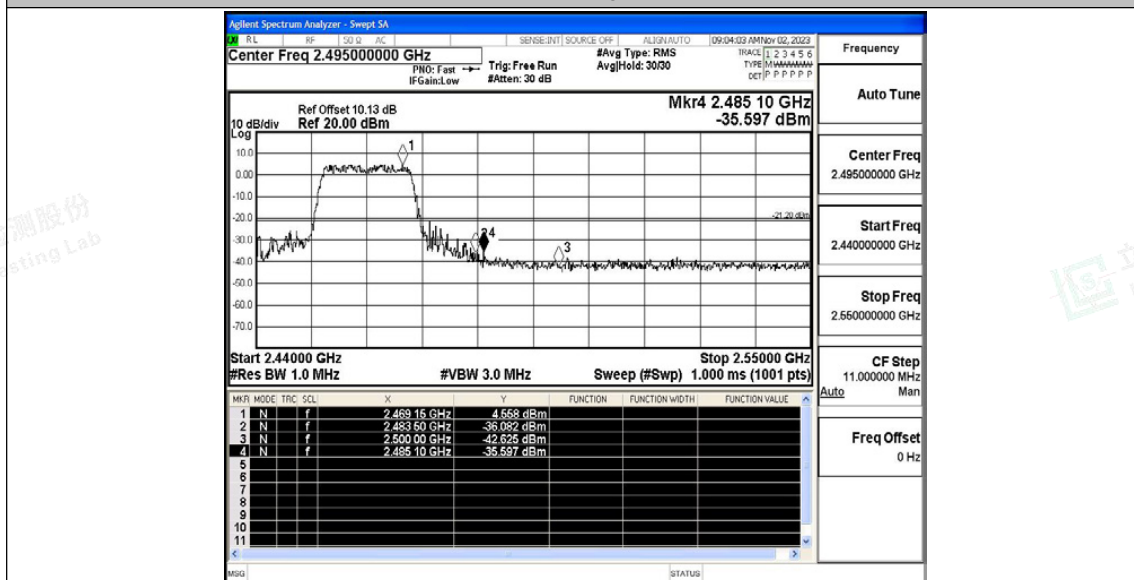


11N20SISO\_Ant1\_High\_2462\_AV





11N20SISO\_Ant1\_High\_2462\_Peak



11N40SISO\_Ant1\_Low\_2422\_AV

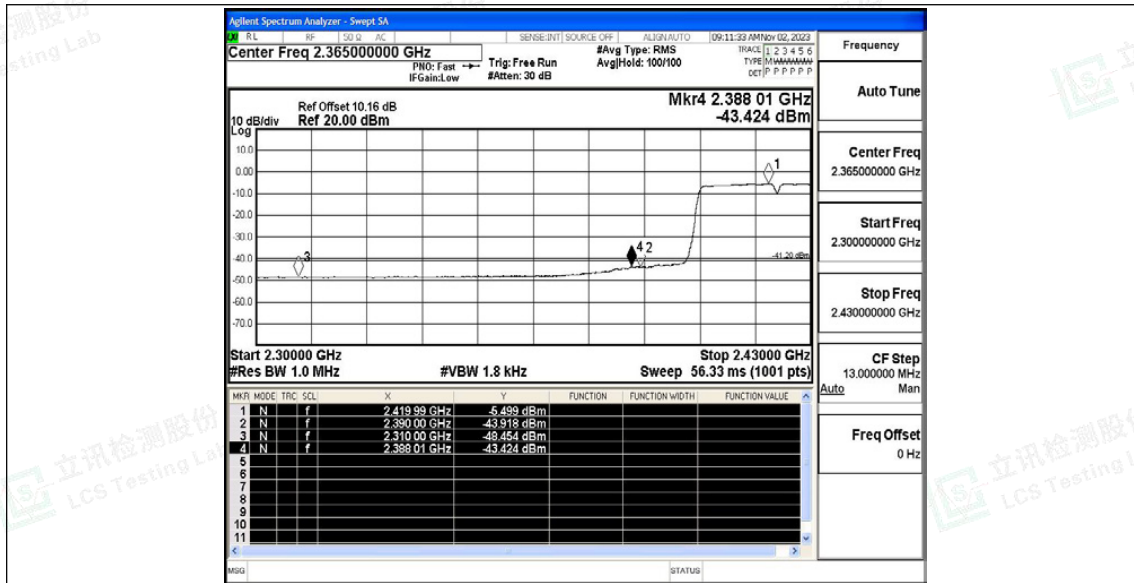


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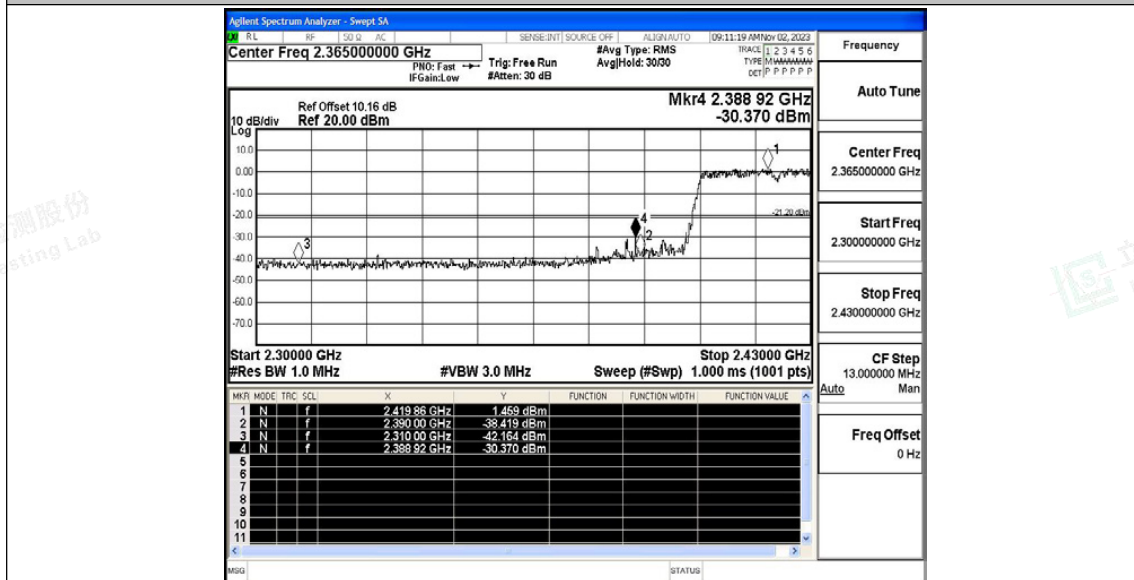
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11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV



