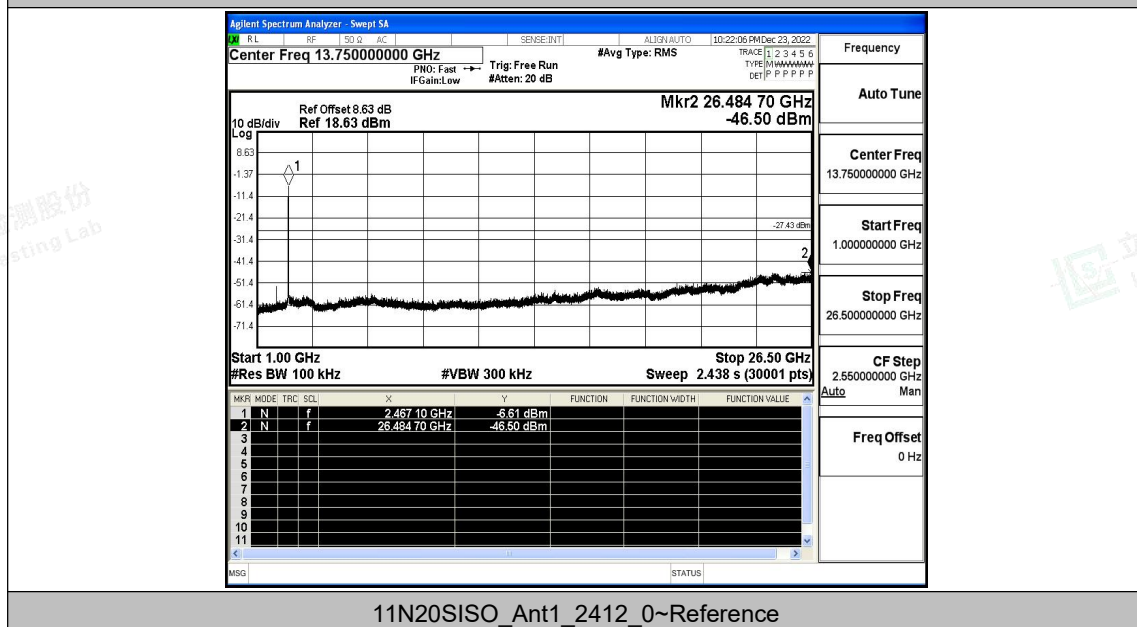
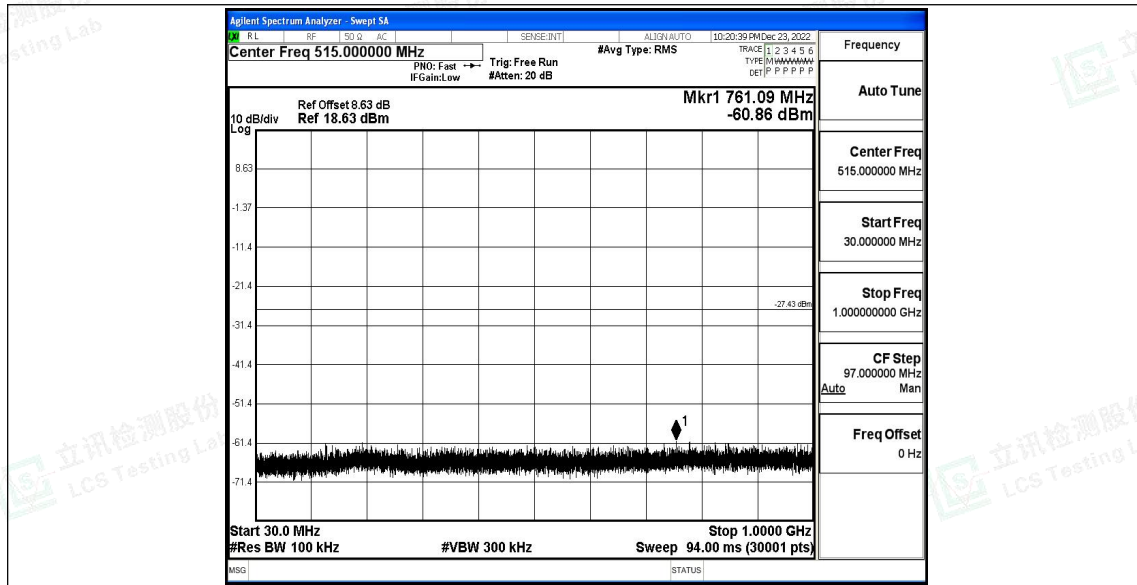


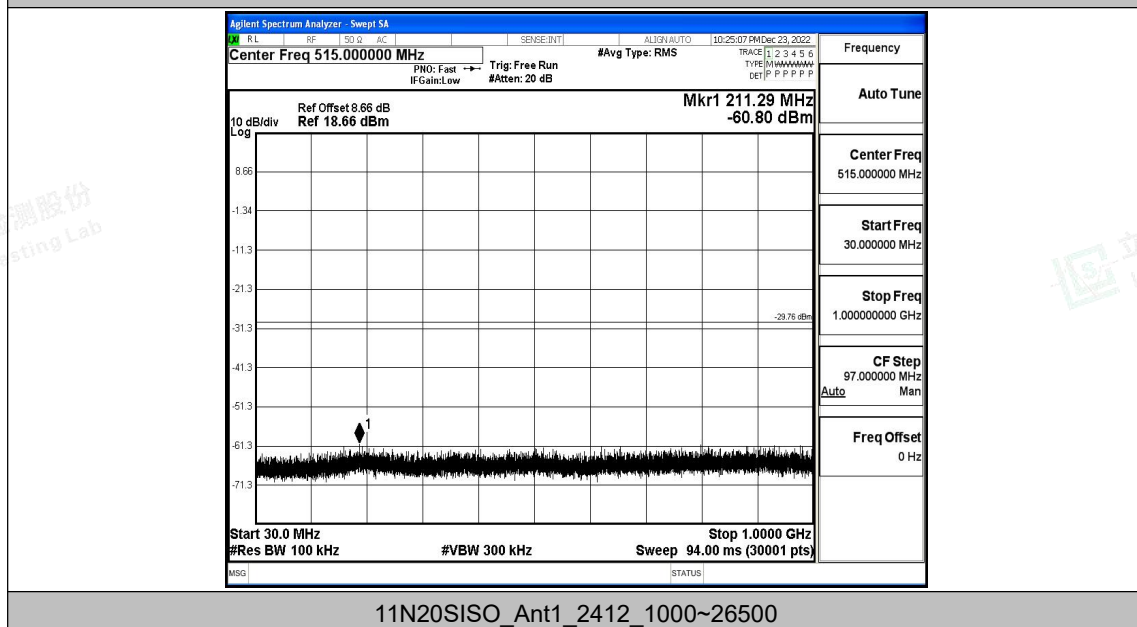
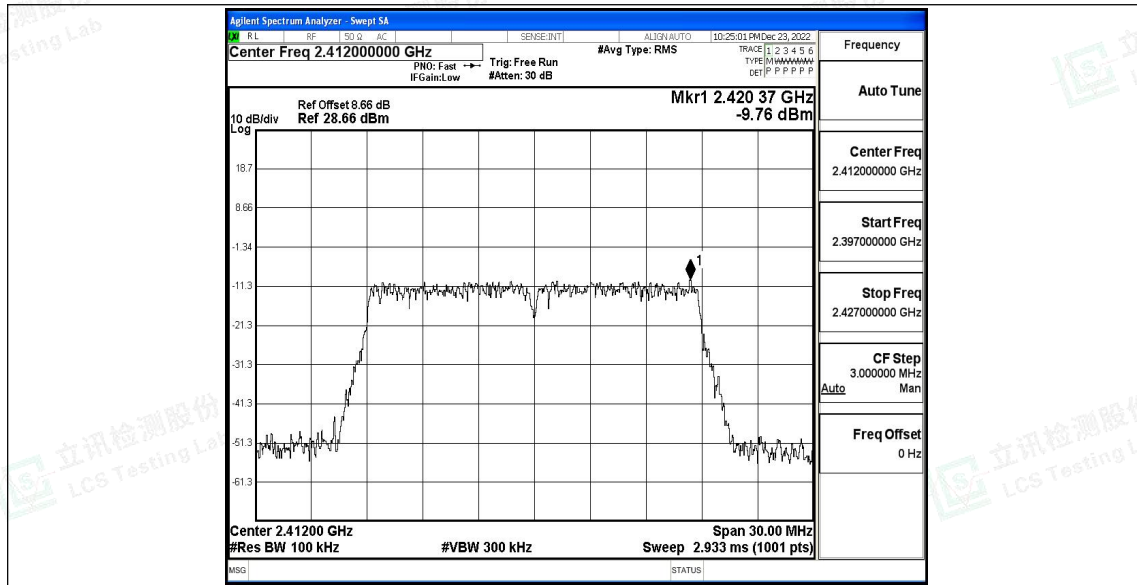


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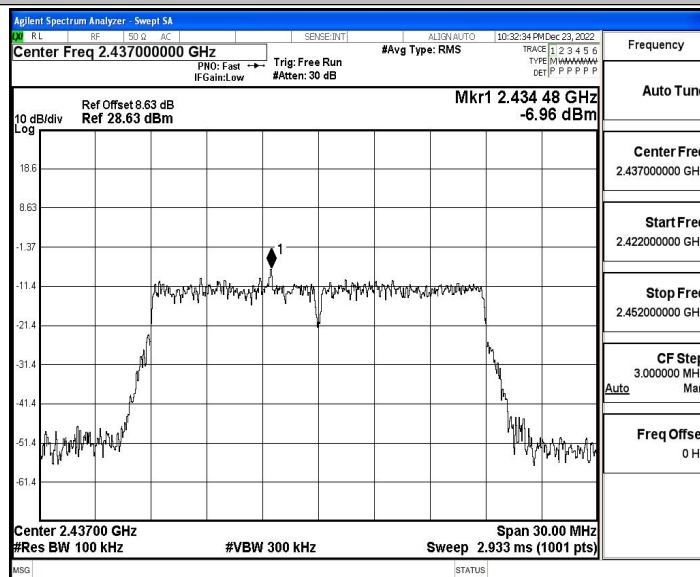
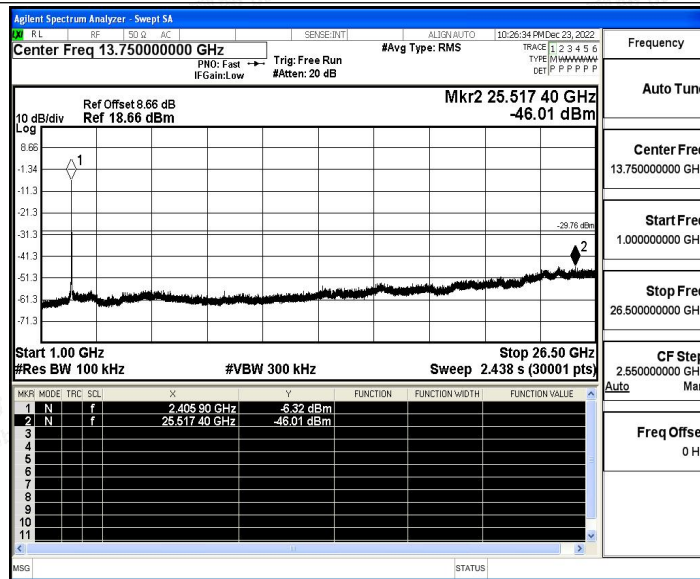


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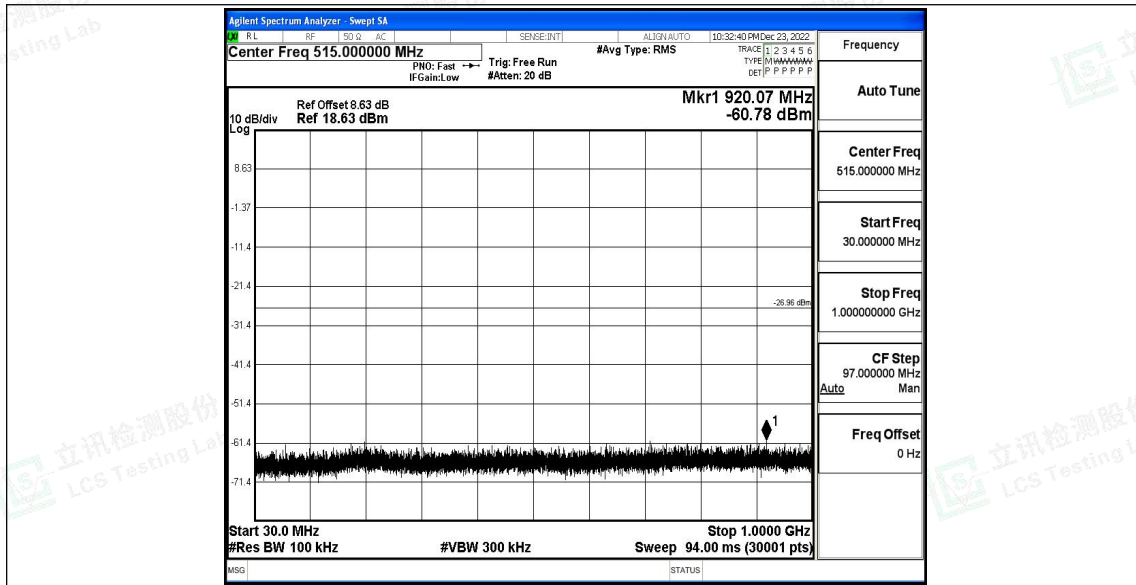


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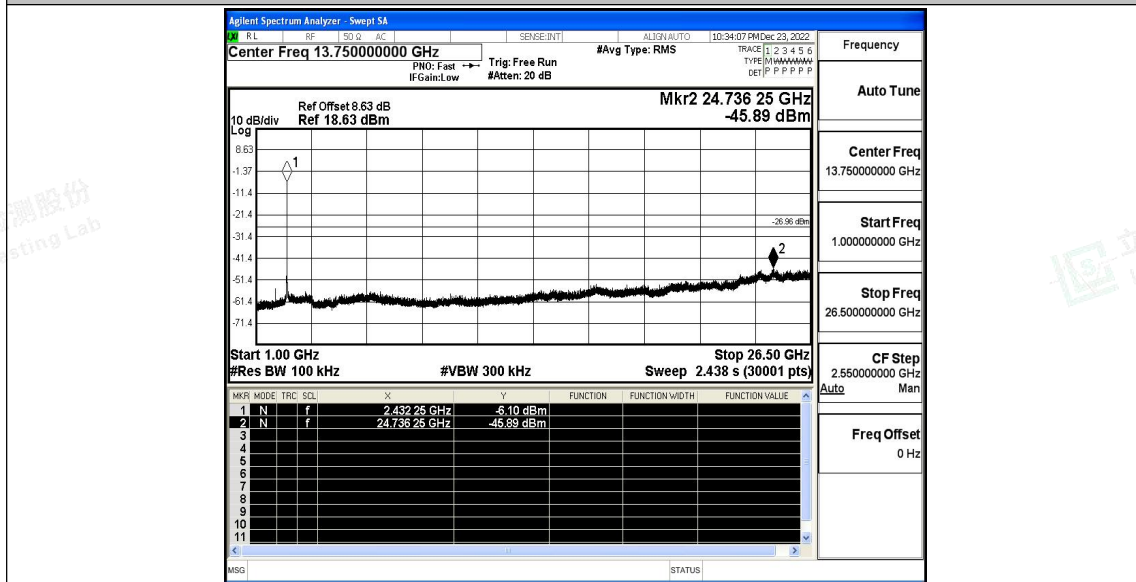
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11N20SISO\_Ant1\_2437\_1000~26500



11N20SISO\_Ant1\_2462\_0~Reference

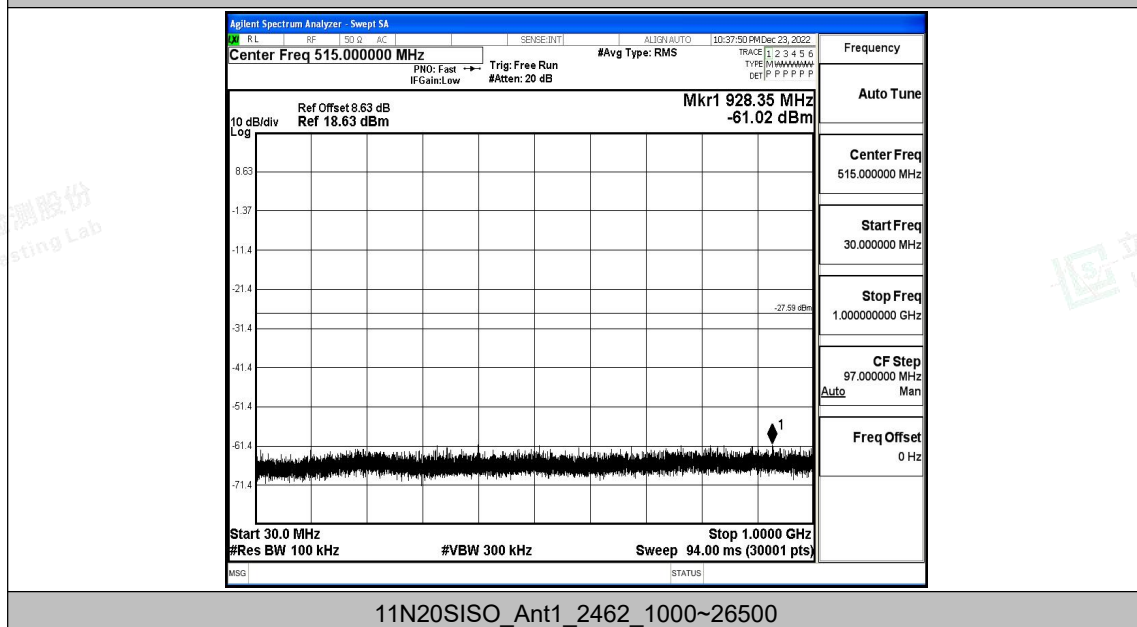
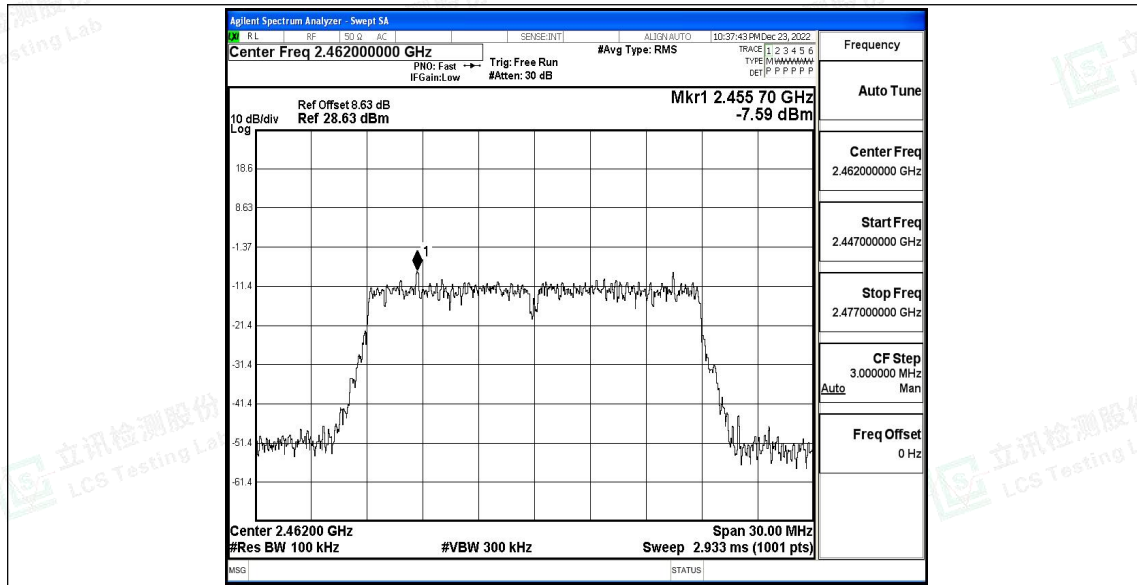


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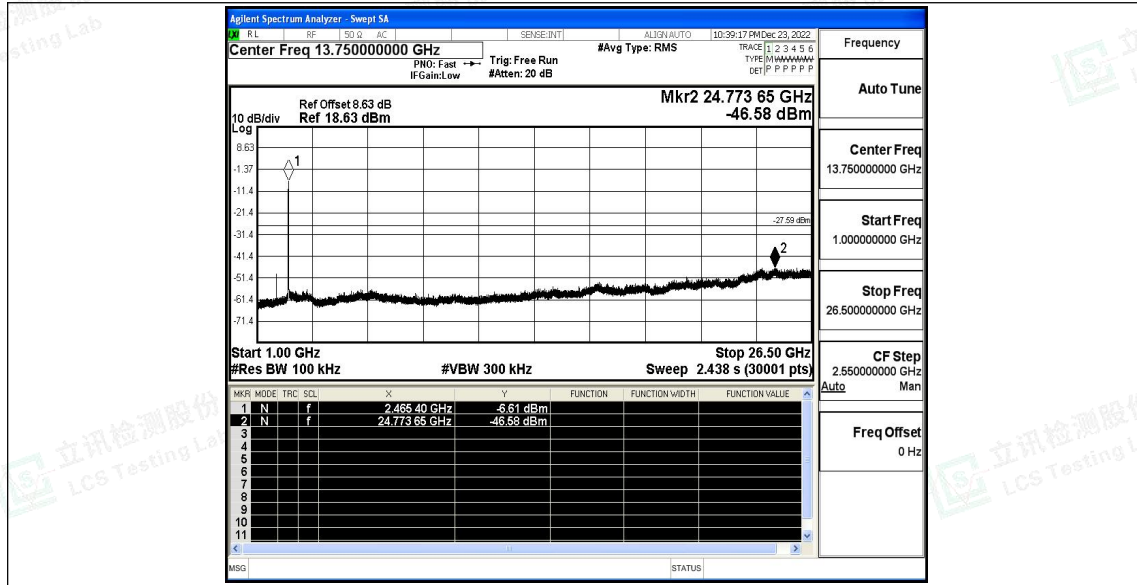


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## A.6 Duty Cycle

### Test Result

| TestMode  | Antenna | Freq(MHz) | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | Factor | 1/T[kHz] |
|-----------|---------|-----------|----------------------------------|-----------------------------|----------------------|--------|----------|
| 11B       | Ant1    | 2412      | 8.38                             | 8.42                        | 99.52                | 0.02   | 0.1      |
|           |         | 2437      | 8.38                             | 8.42                        | 99.52                | 0.02   | 0.1      |
|           |         | 2462      | 8.38                             | 8.41                        | 99.64                | 0.02   | 0.1      |
| 11G       | Ant1    | 2412      | 1.39                             | 1.43                        | 97.20                | 0.12   | 0.72     |
|           |         | 2437      | 1.39                             | 1.43                        | 97.20                | 0.12   | 0.72     |
|           |         | 2462      | 1.39                             | 1.43                        | 97.20                | 0.12   | 0.72     |
| 11N20SISO | Ant1    | 2412      | 1.30                             | 1.34                        | 97.01                | 0.13   | 0.77     |
|           |         | 2437      | 1.30                             | 1.34                        | 97.01                | 0.13   | 0.77     |
|           |         | 2462      | 1.30                             | 1.33                        | 97.74                | 0.10   | 0.77     |



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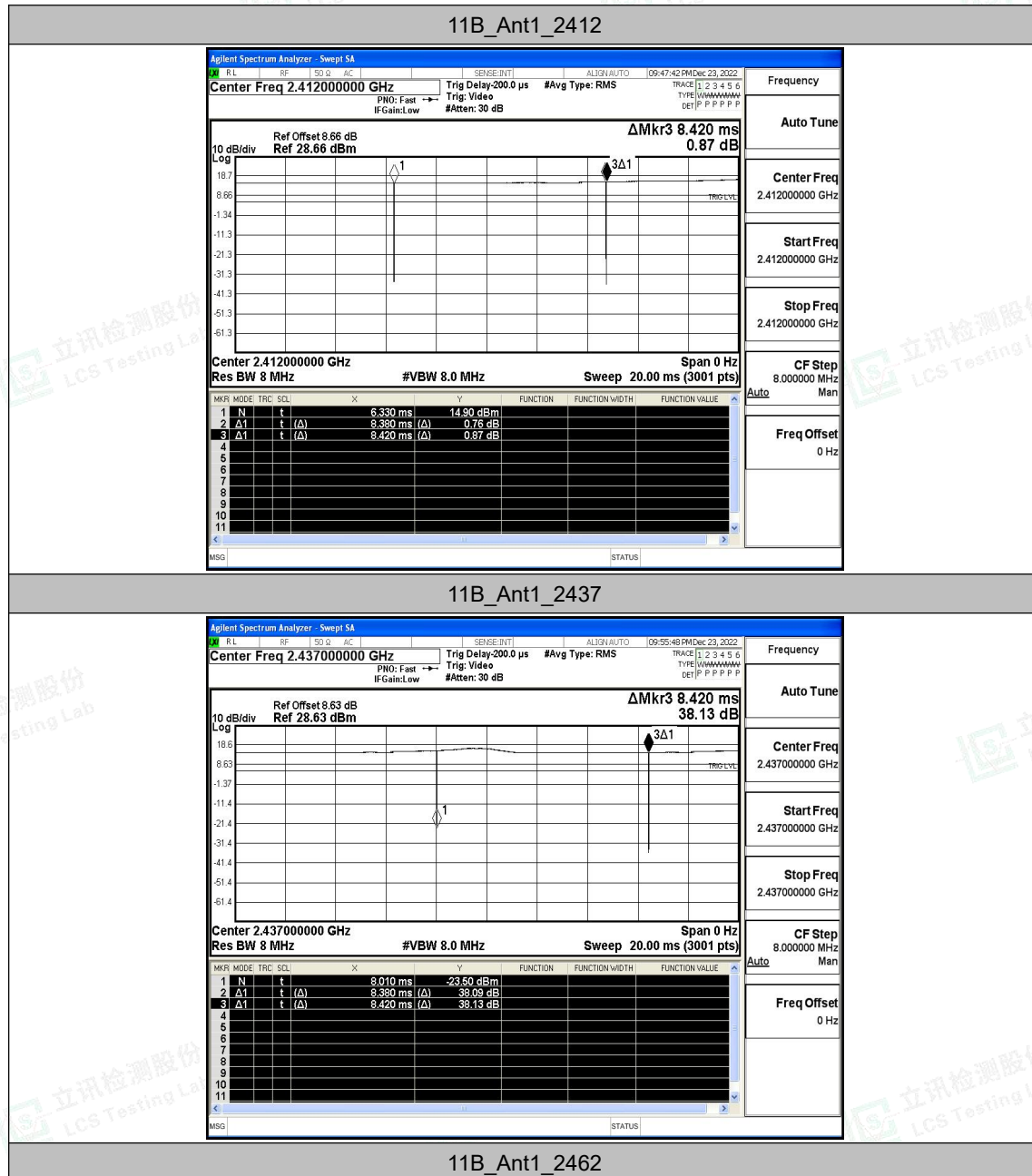
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## Test Graphs

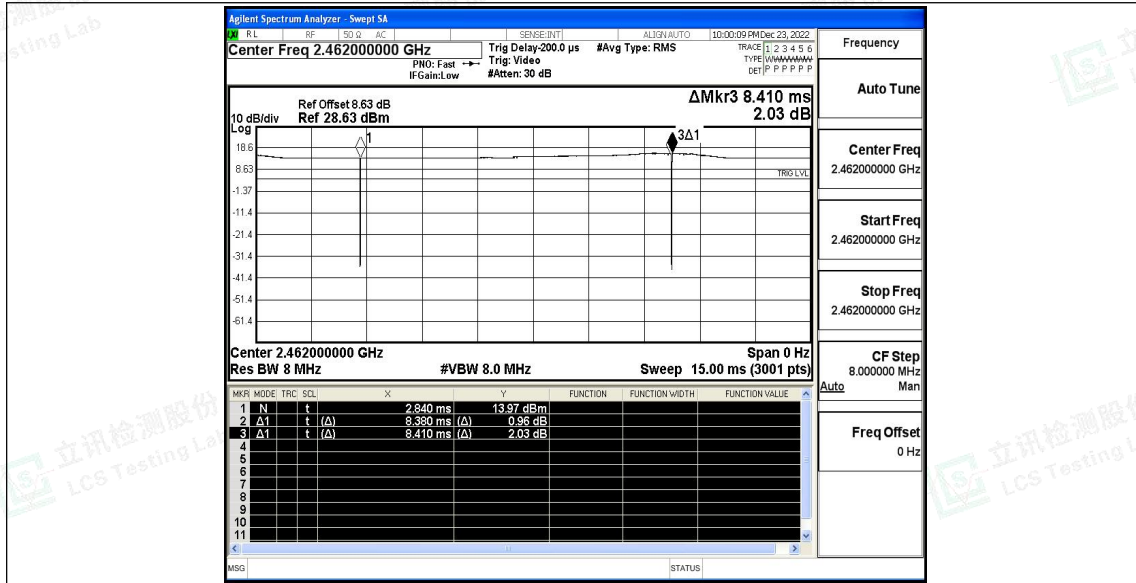


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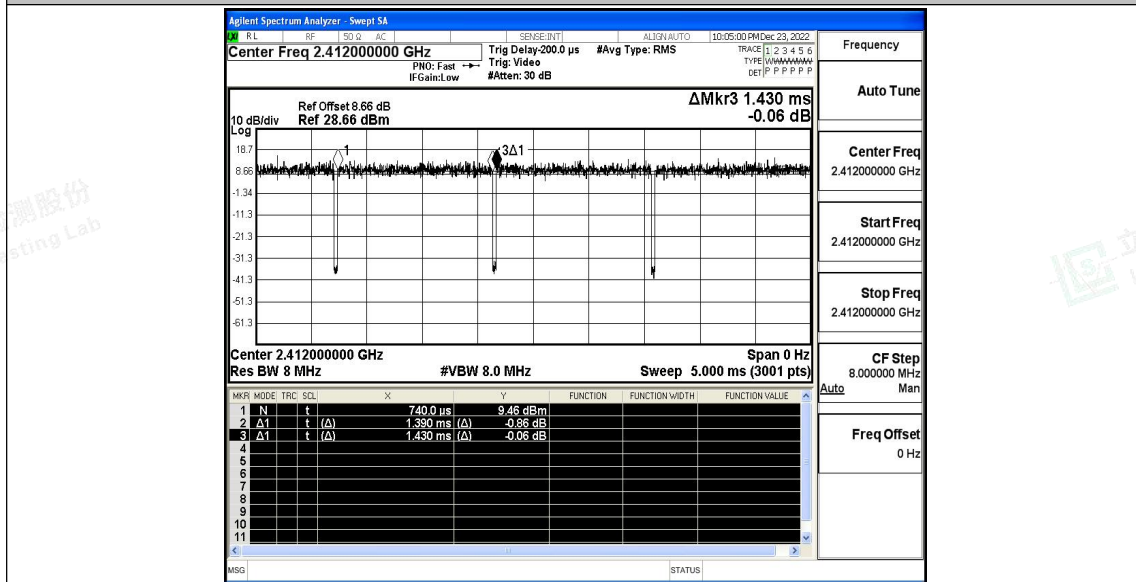
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11G\_Ant1\_2412



11G\_Ant1\_2437

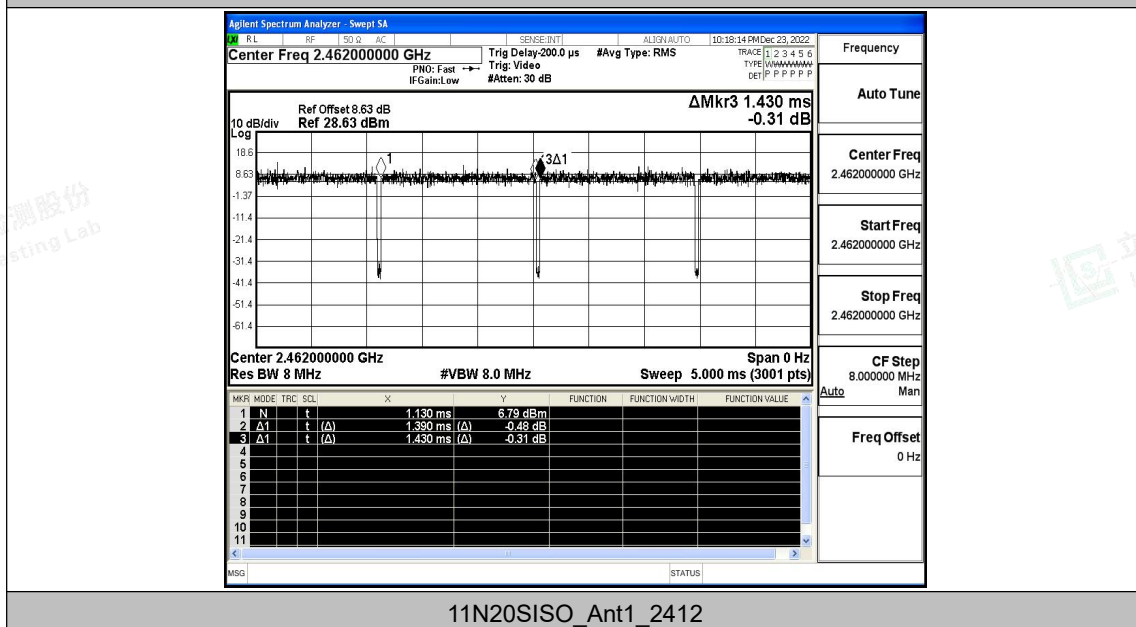
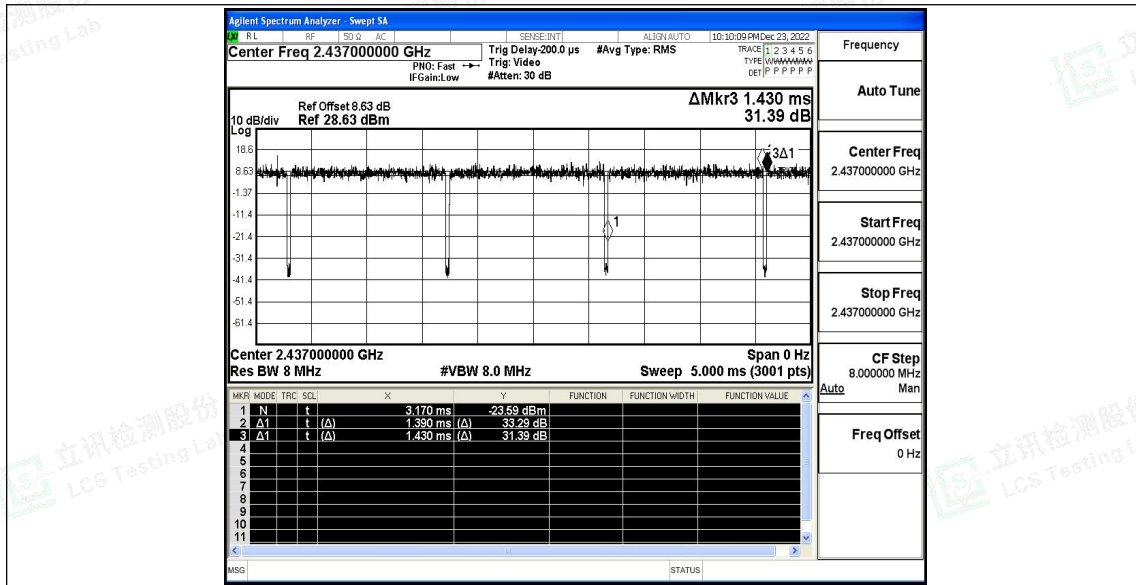


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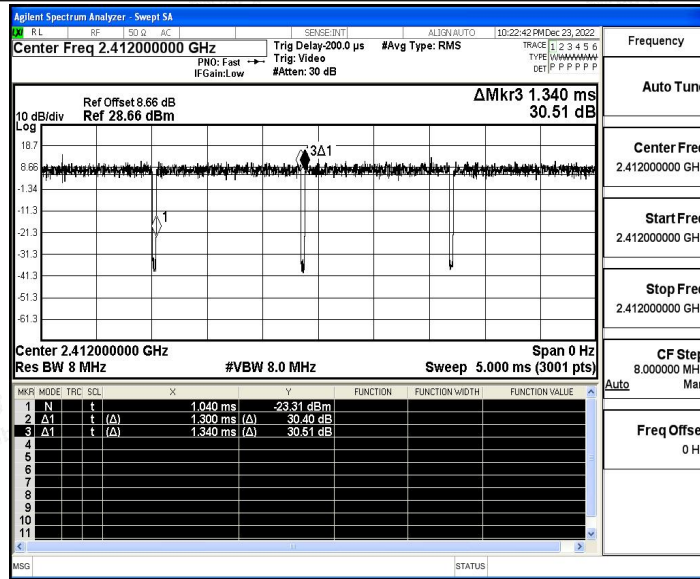


Shenzhen LCS Compliance Testing Laboratory Ltd.

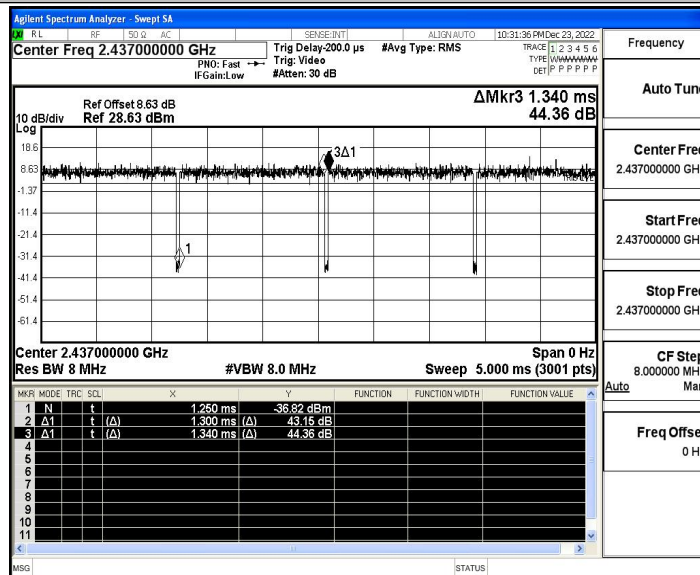
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11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

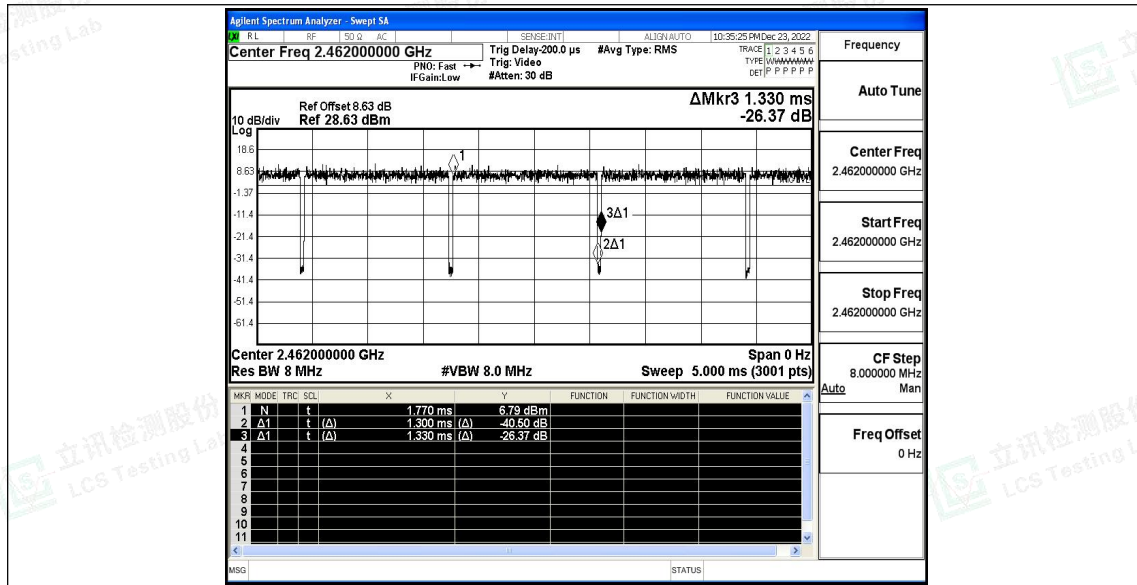


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## A.7 Emissions in Restricted Bands

### 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   | -58.71       | ≤-41.20     | 36.49           | ≤54            | PASS    |
|               |         |        |            | AV       | 2389.960   | -55.44       | ≤-41.20     | 39.76           | ≤54            | PASS    |
|               |         |        |            | AV       | 2390.000   | -55.44       | ≤-41.20     | 39.76           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2310.000   | -48.15       | ≤-21.20     | 47.05           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2388.270   | -45          | ≤-21.20     | 50.20           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2390.000   | -45.28       | ≤-21.20     | 49.92           | ≤74            | PASS    |
|               |         | High   | 2462       | AV       | 2483.500   | -55.45       | ≤-41.20     | 39.75           | ≤54            | PASS    |
|               |         |        |            | AV       | 2485.980   | -55.43       | ≤-41.20     | 39.77           | ≤54            | PASS    |
|               |         |        |            | AV       | 2500.000   | -57.05       | ≤-41.20     | 38.15           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2483.500   | -45.6        | ≤-21.20     | 49.60           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2485.760   | -44.94       | ≤-21.20     | 50.26           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2500.000   | -46.31       | ≤-21.20     | 48.89           | ≤74            | PASS    |
| 11G           | Ant1    | Low    | 2412       | AV       | 2310.000   | -57.76       | ≤-41.20     | 37.44           | ≤54            | PASS    |
|               |         |        |            | AV       | 2389.830   | -50.94       | ≤-41.20     | 44.26           | ≤54            | PASS    |
|               |         |        |            | AV       | 2390.000   | -50.99       | ≤-41.20     | 44.21           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2310.000   | -46.37       | ≤-21.20     | 48.83           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2389.960   | -35.89       | ≤-21.20     | 59.31           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2390.000   | -35.89       | ≤-21.20     | 59.31           | ≤74            | PASS    |
|               |         | High   | 2462       | AV       | 2483.500   | -53.62       | ≤-41.20     | 41.58           | ≤54            | PASS    |
|               |         |        |            | AV       | 2483.560   | -53.5        | ≤-41.20     | 41.70           | ≤54            | PASS    |
|               |         |        |            | AV       | 2500.000   | -55.89       | ≤-41.20     | 39.31           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2483.500   | -39.59       | ≤-21.20     | 55.61           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2483.890   | -38.75       | ≤-21.20     | 56.45           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2500.000   | -45.56       | ≤-21.20     | 49.64           | ≤74            | PASS    |
| 11N20SIS<br>O | Ant1    | Low    | 2412       | AV       | 2310.000   | -57.93       | ≤-41.20     | 37.27           | ≤54            | PASS    |
|               |         |        |            | AV       | 2389.960   | -52.27       | ≤-41.20     | 42.93           | ≤54            | PASS    |
|               |         |        |            | AV       | 2390.000   | -52.27       | ≤-41.20     | 42.93           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2310.000   | -47.91       | ≤-21.20     | 47.29           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2389.960   | -34.35       | ≤-21.20     | 60.85           | ≤74            | PASS    |
|               |         |        |            | Peak     | 2390.000   | -34.35       | ≤-21.20     | 60.85           | ≤74            | PASS    |
|               |         | High   | 2462       | AV       | 2483.500   | -53.03       | ≤-41.20     | 42.17           | ≤54            | PASS    |
|               |         |        |            | AV       | 2483.890   | -52.85       | ≤-41.20     | 42.35           | ≤54            | PASS    |
|               |         |        |            | AV       | 2500.000   | -55.86       | ≤-41.20     | 39.34           | ≤54            | PASS    |
|               |         |        |            | Peak     | 2483.500   | -36.94       | ≤-21.20     | 58.26           | ≤74            | PASS    |



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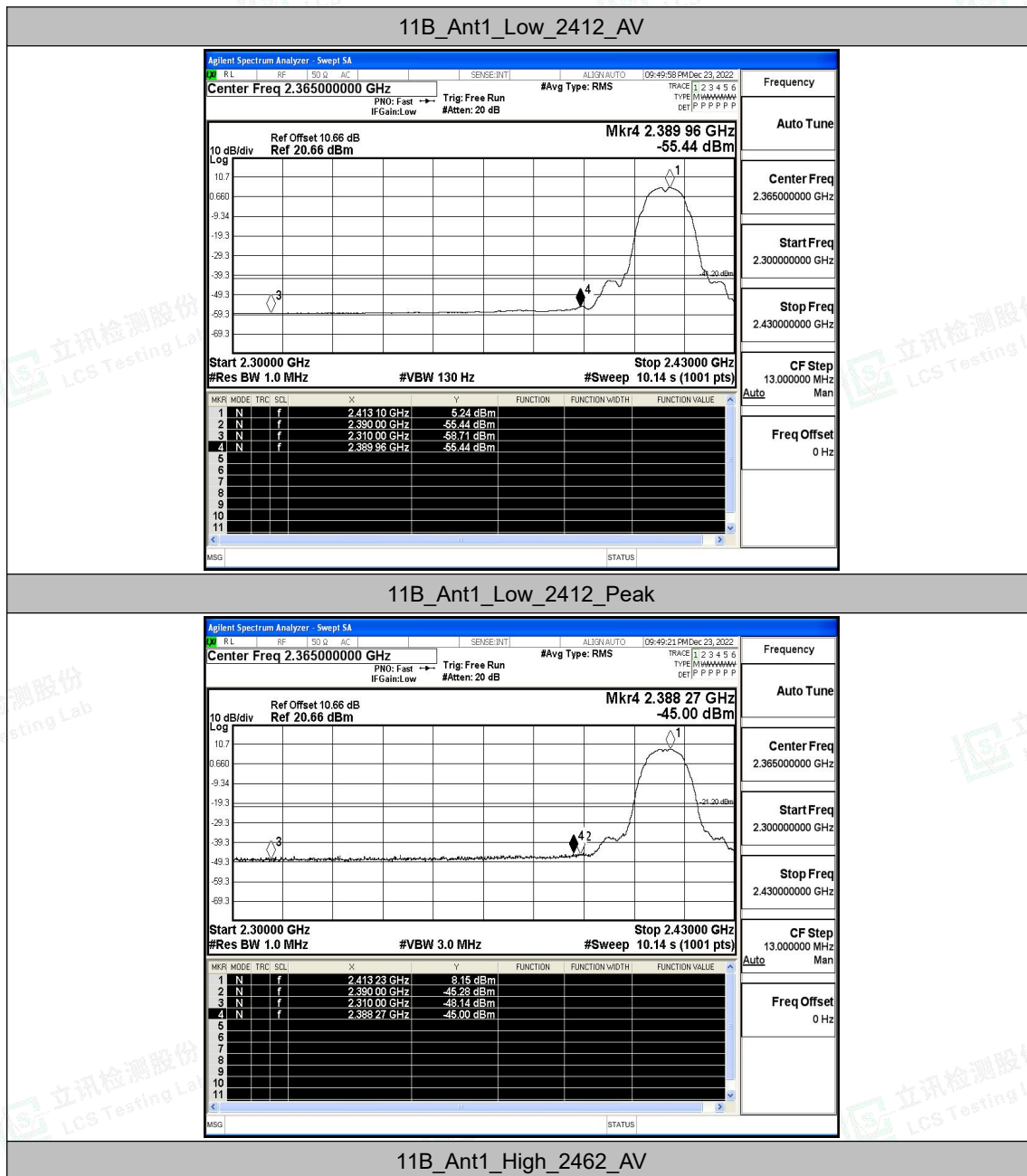
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|--|--|--|------|----------|--------|---------|-------|-----|------|
|  |  |  | Peak | 2484.000 | -35.68 | ≤-21.20 | 59.52 | ≤74 | PASS |
|  |  |  | Peak | 2500.000 | -45.69 | ≤-21.20 | 49.51 | ≤74 | PASS |

- 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

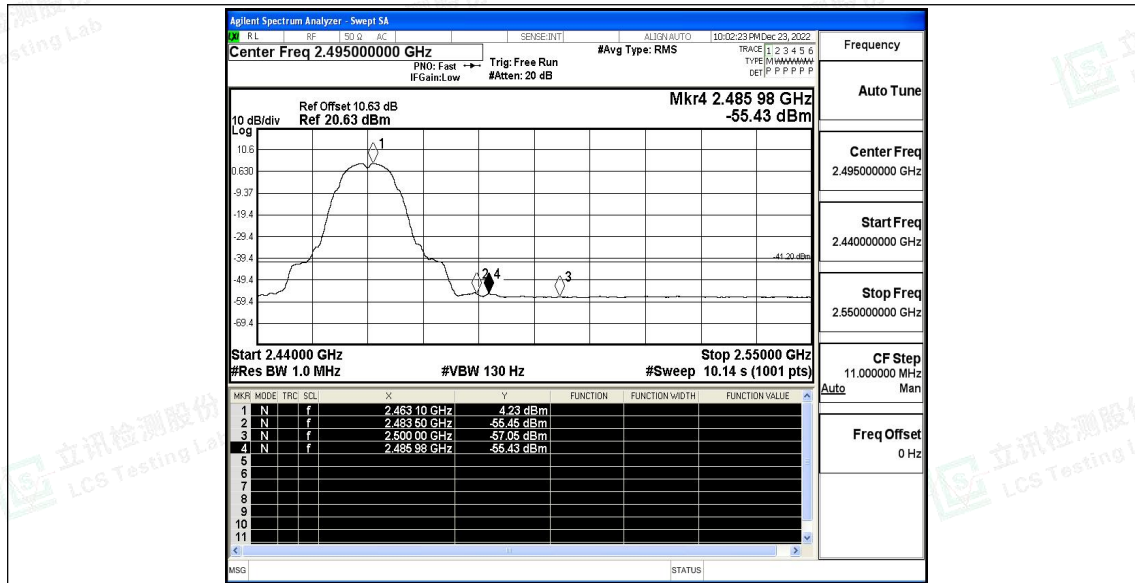


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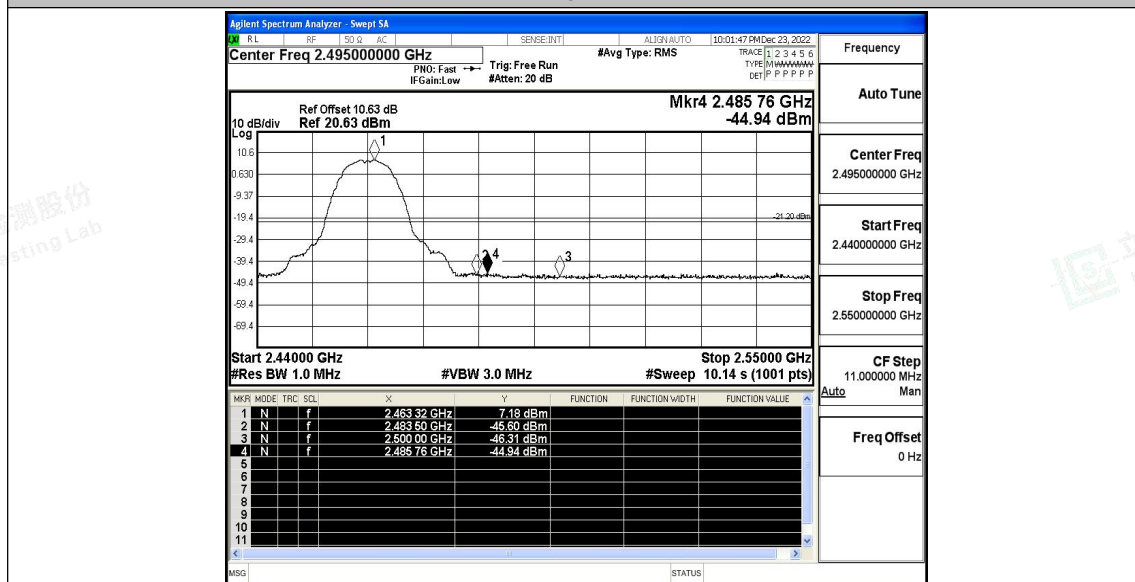
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11B\_Ant1\_High\_2462\_Peak



11G\_Ant1\_Low\_2412\_AV

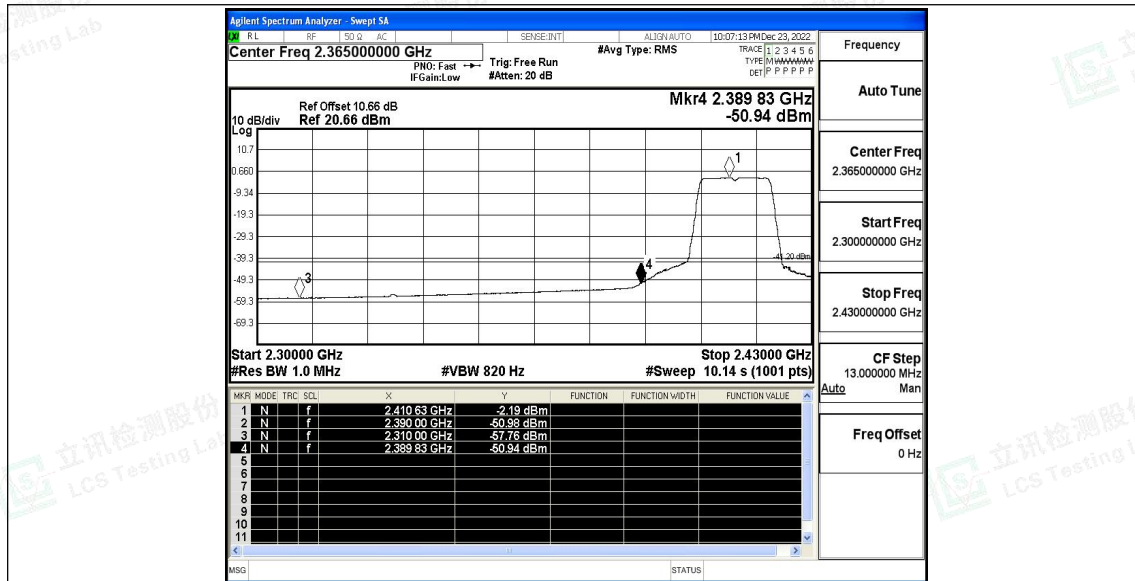


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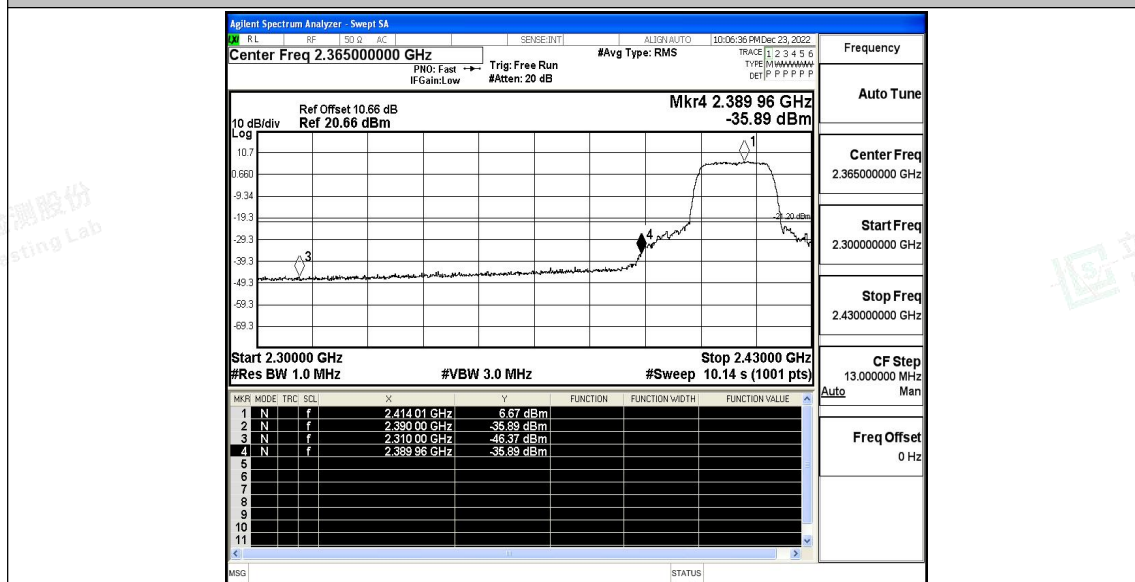
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11G\_Ant1\_Low\_2412\_Peak



11G\_Ant1\_High\_2462\_AV

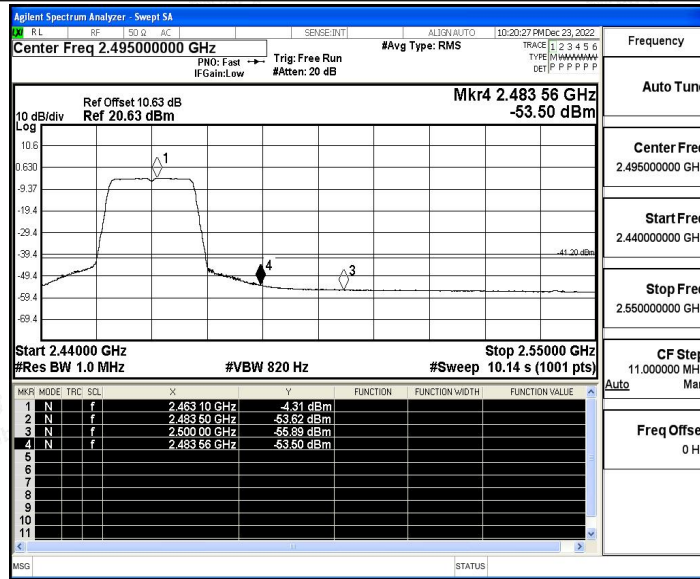


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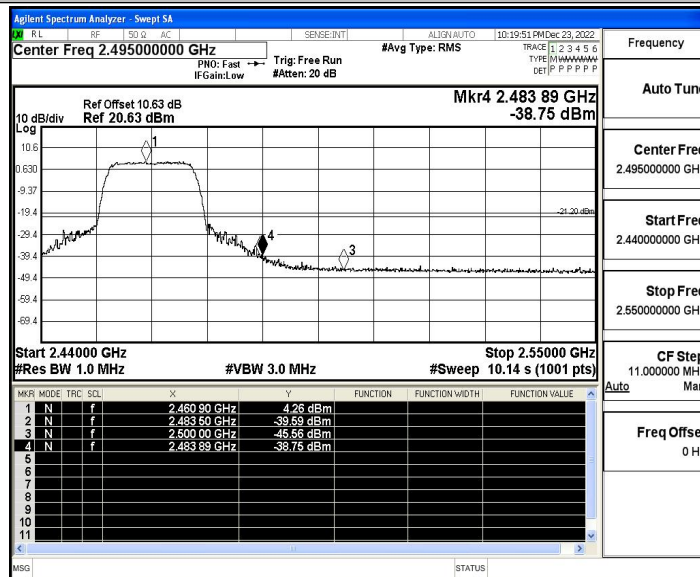
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11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV

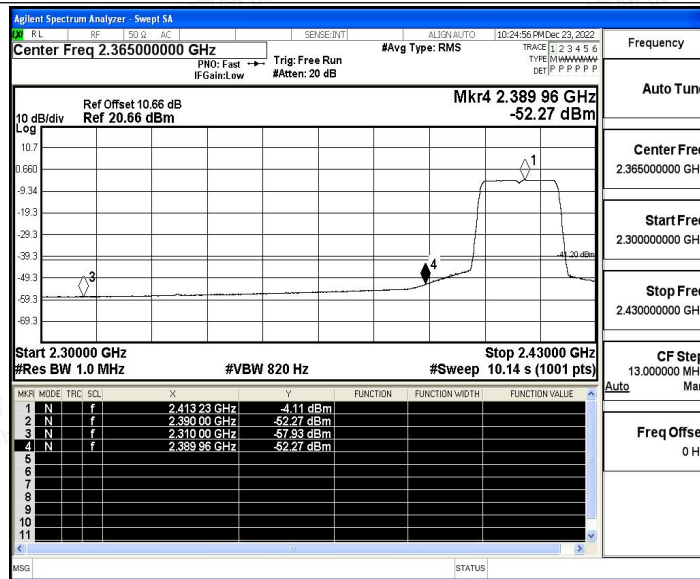


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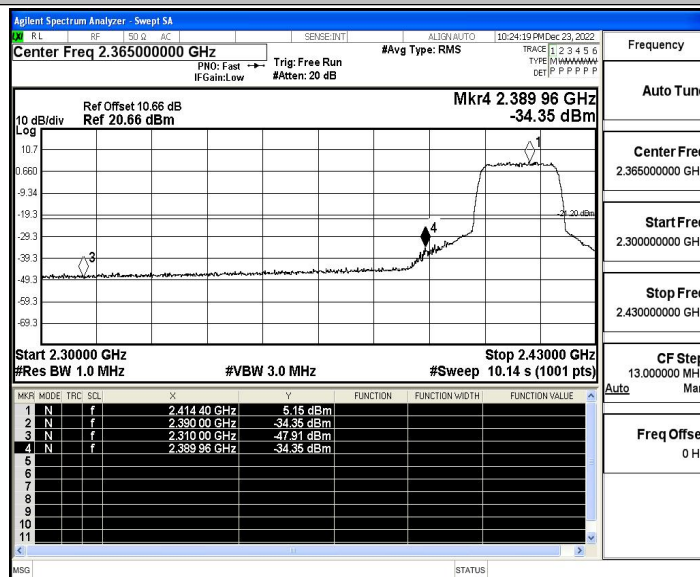
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11N20SISO\_Ant1\_Low\_2412\_Peak



11N20SISO\_Ant1\_High\_2462\_AV

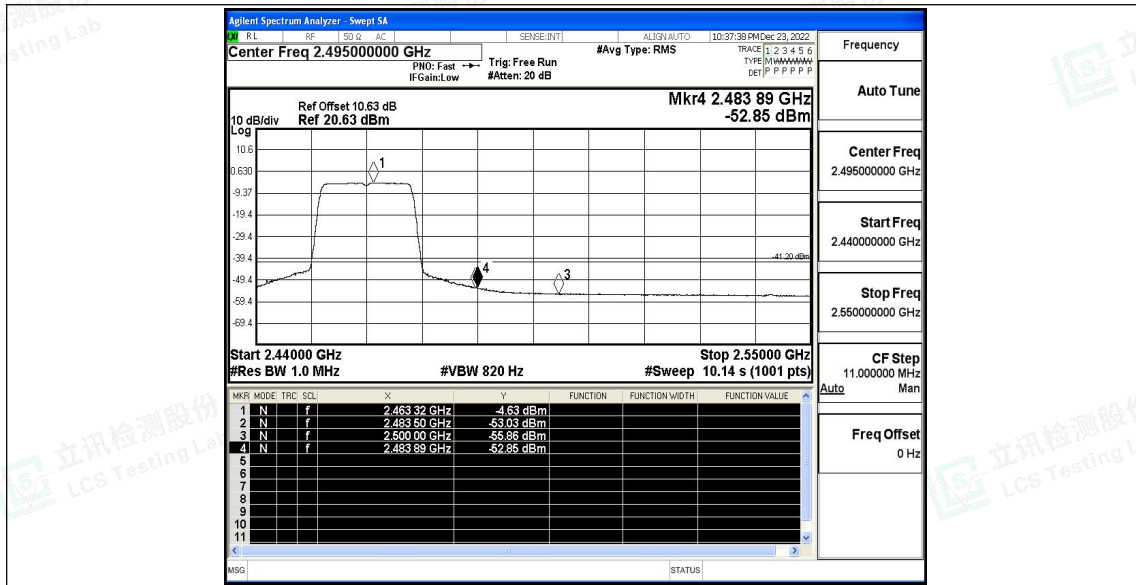


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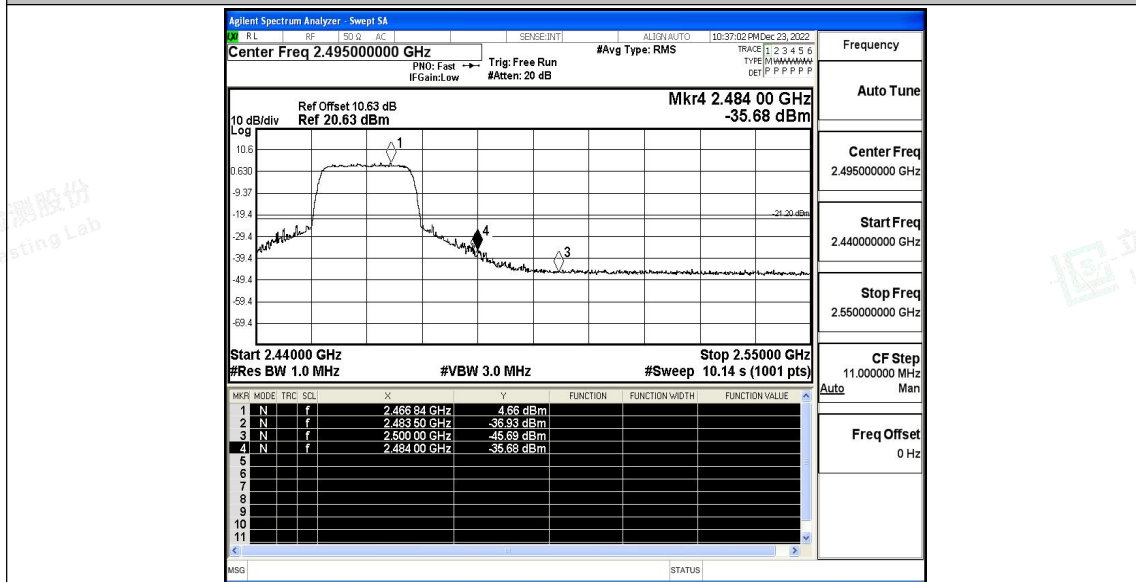
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## 11N20SISO\_Ant1\_High\_2462\_Peak



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