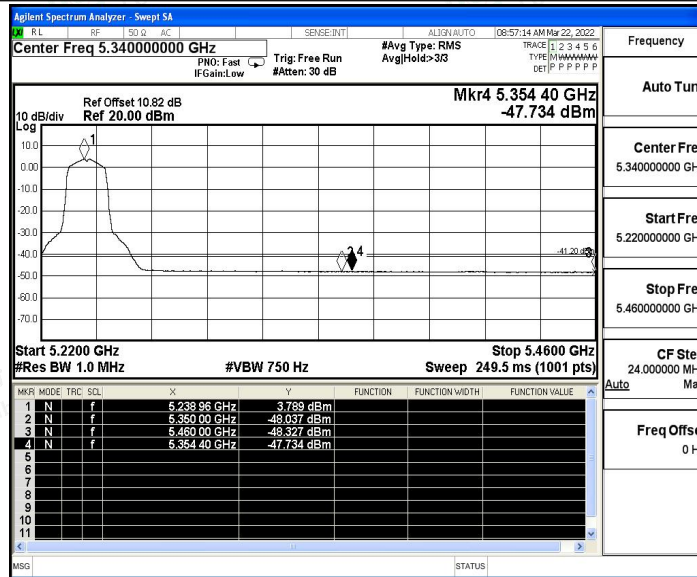
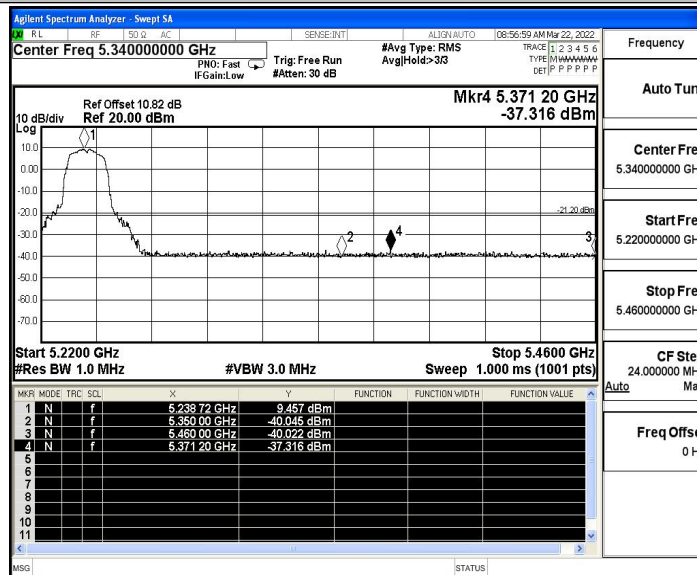




11A\_Ant1\_High\_5240\_Peak



11N20SISO\_Ant1\_Low\_5180\_AV

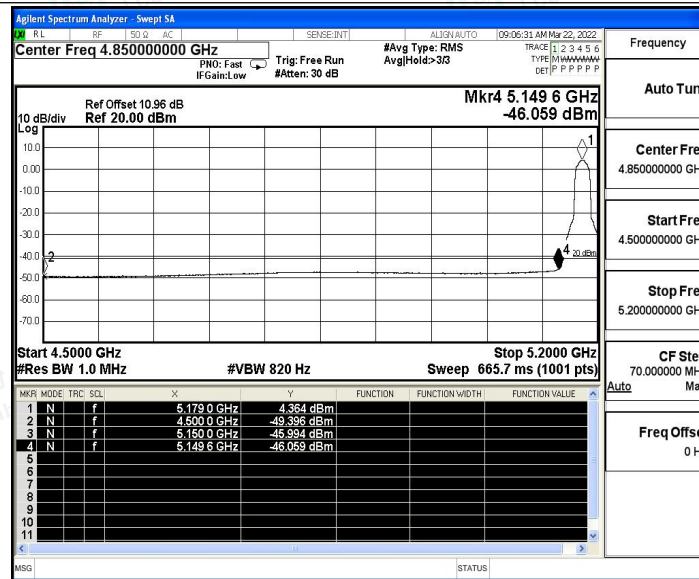


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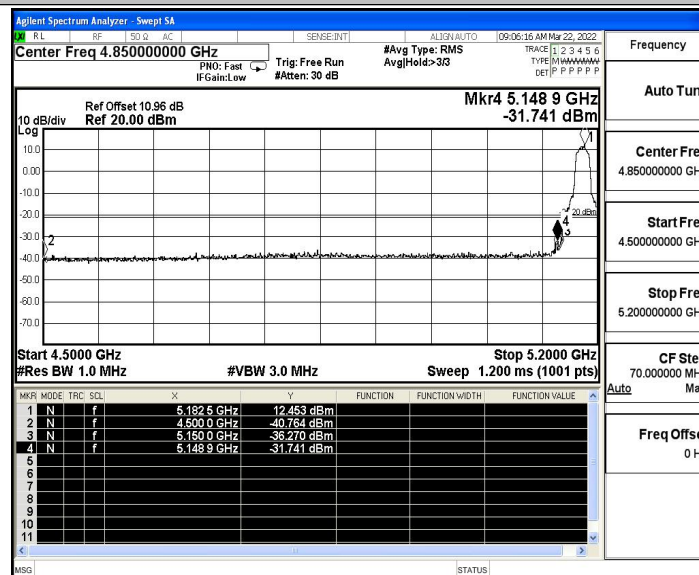
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N20SISO\_Ant1\_Low\_5180\_Peak



11N20SISO\_Ant1\_High\_5240\_AV

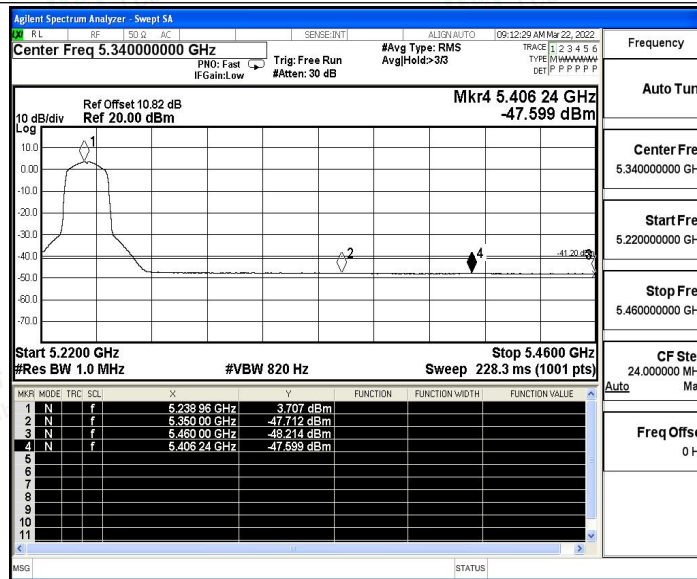


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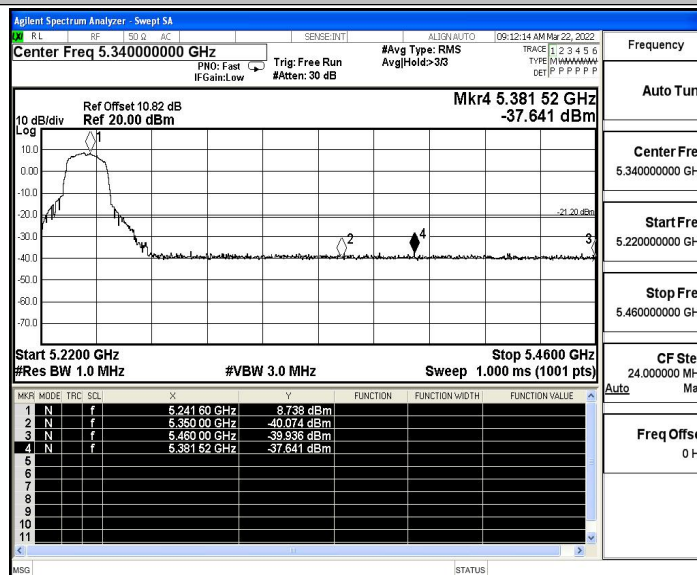
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11N20SISO\_Ant1\_High\_5240\_Peak



11N40SISO\_Ant1\_Low\_5190\_AV

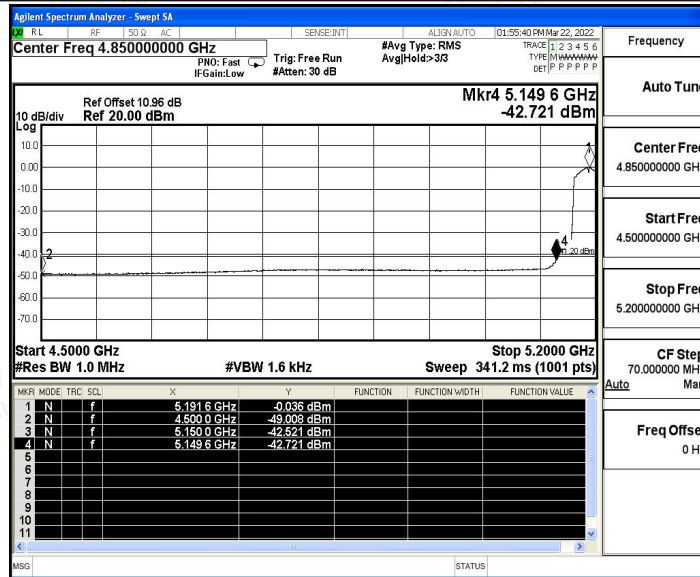


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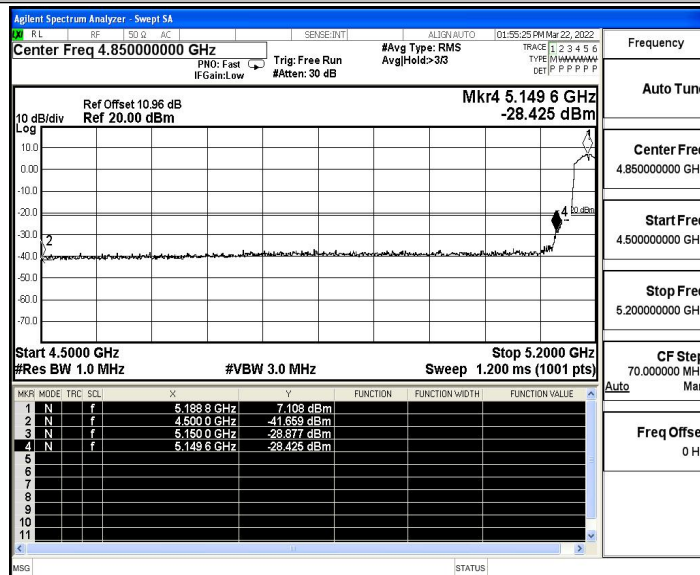
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11N40SISO\_Ant1\_Low\_5190\_Peak



11N40SISO\_Ant1\_High\_5230\_AV

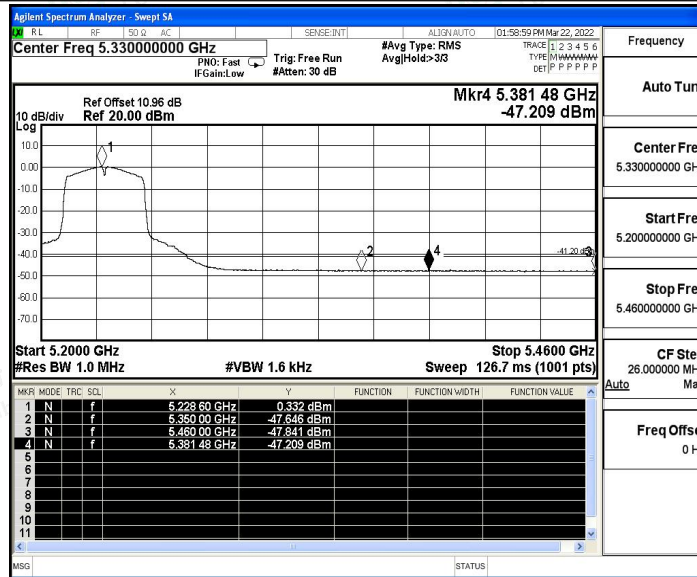


Shenzhen LCS Compliance Testing Laboratory Ltd.

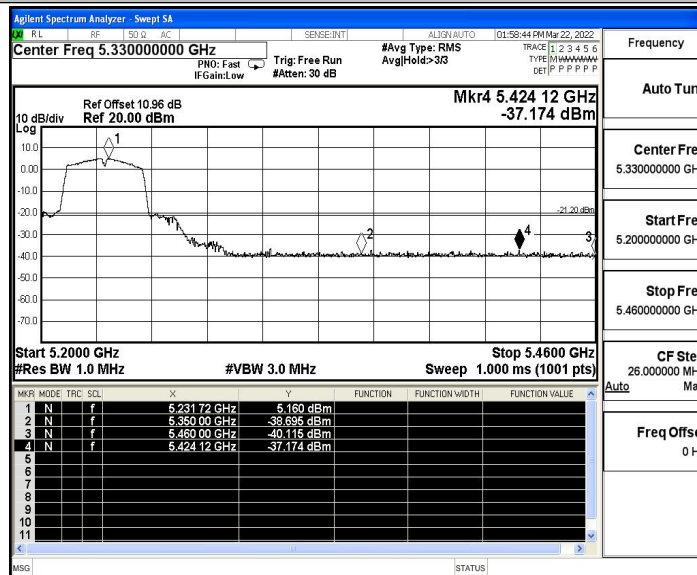
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N40SISO\_Ant1\_High\_5230\_Peak



11AC20SISO\_Ant1\_Low\_5180\_AV

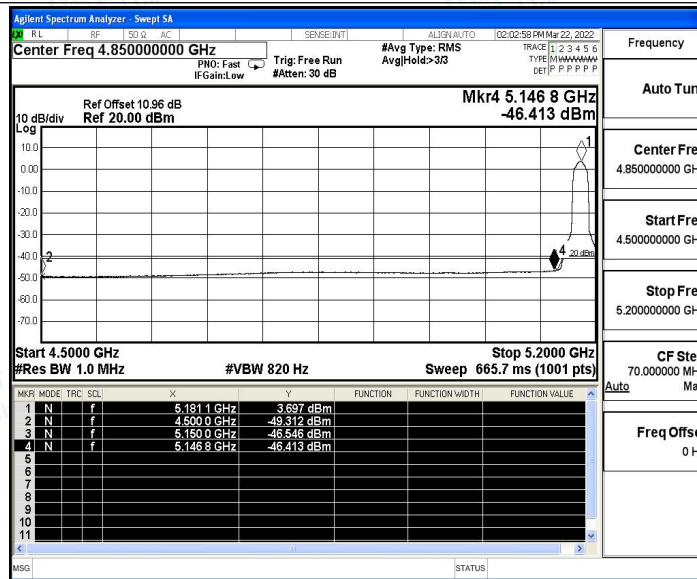


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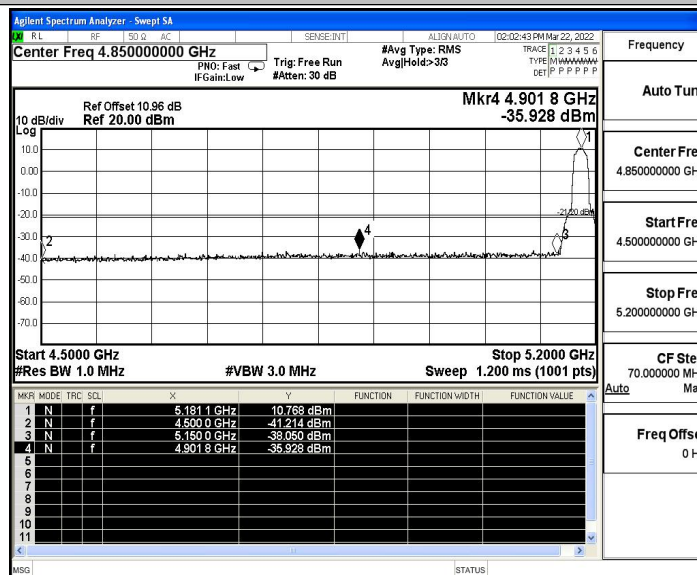
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AC20SISO\_Ant1\_Low\_5180\_Peak



11AC20SISO\_Ant1\_High\_5240\_AV

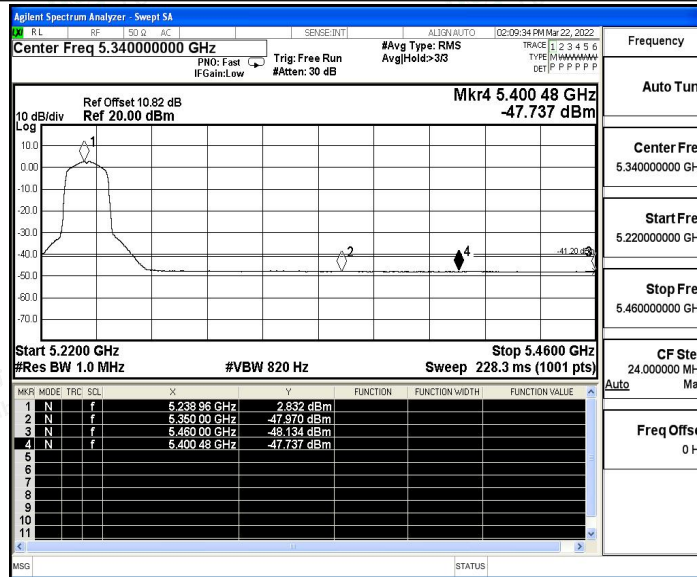


Shenzhen LCS Compliance Testing Laboratory Ltd.

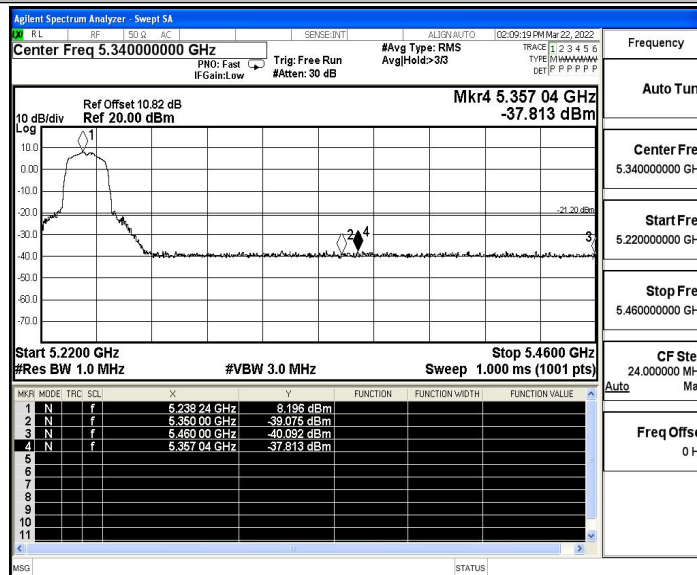
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11AC20SISO\_Ant1\_High\_5240\_Peak



11AC40SISO\_Ant1\_Low\_5190\_AV

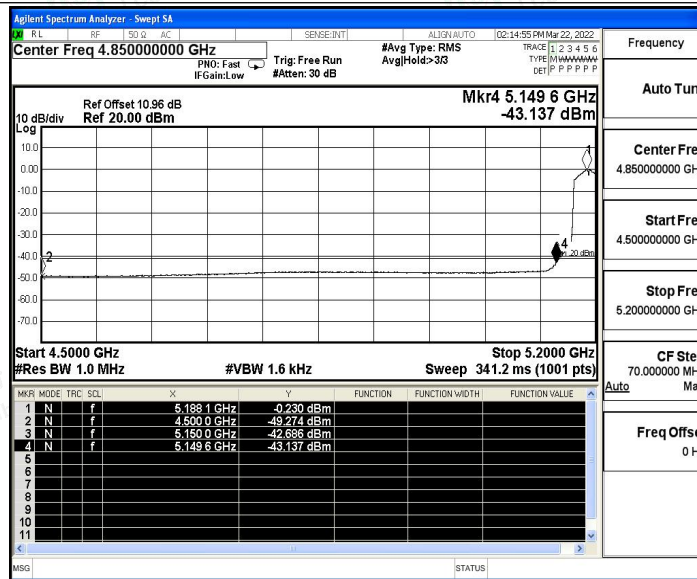


Shenzhen LCS Compliance Testing Laboratory Ltd.

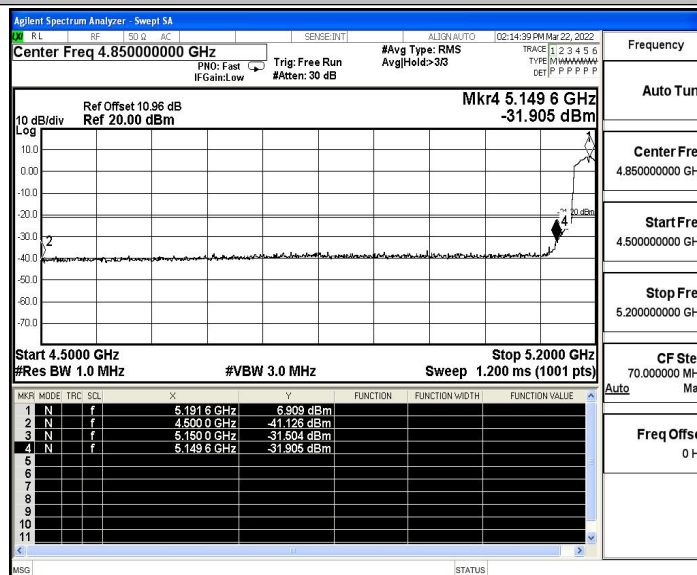
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11AC40SISO\_Ant1\_Low\_5190\_Peak



11AC40SISO\_Ant1\_High\_5230\_AV

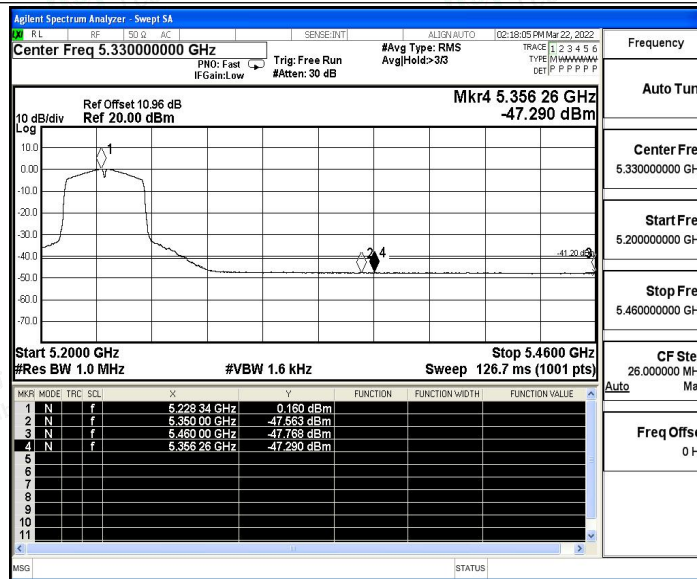


Shenzhen LCS Compliance Testing Laboratory Ltd.

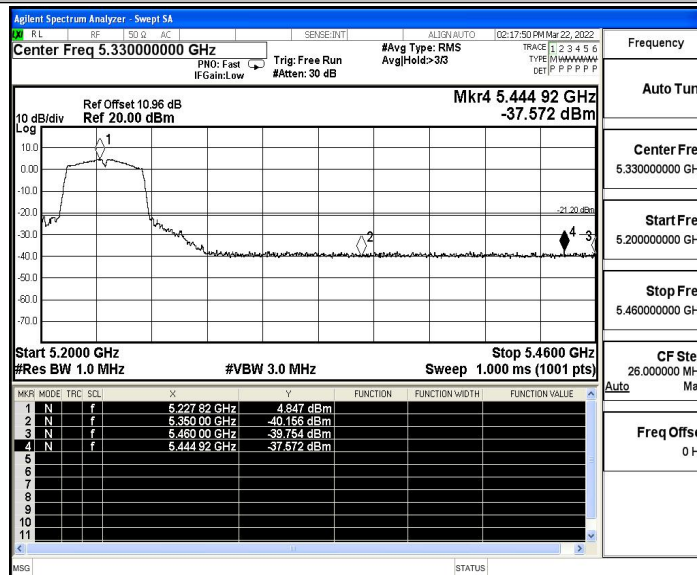
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11AC40SISO\_Ant1\_High\_5230\_Peak



11AC80SISO\_Ant1\_Low\_5210\_AV

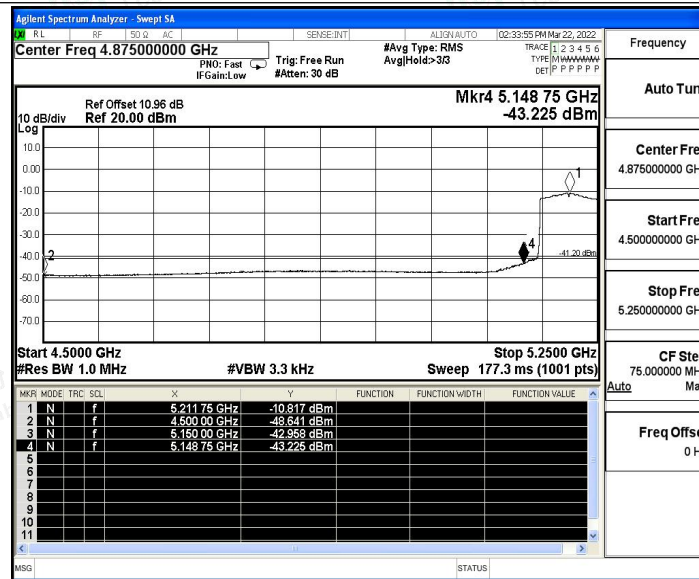


Shenzhen LCS Compliance Testing Laboratory Ltd.

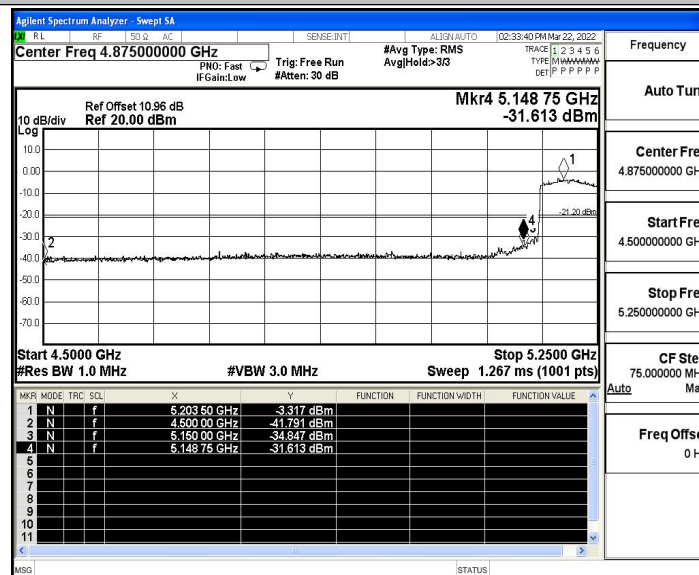
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AC80SISO\_Ant1\_Low\_5210\_Peak



11AC80SISO\_Ant1\_High\_5210\_AV

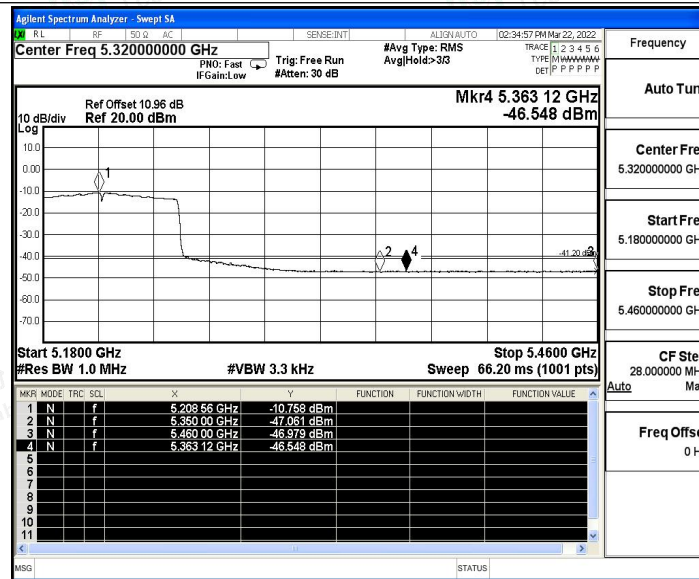


Shenzhen LCS Compliance Testing Laboratory Ltd.

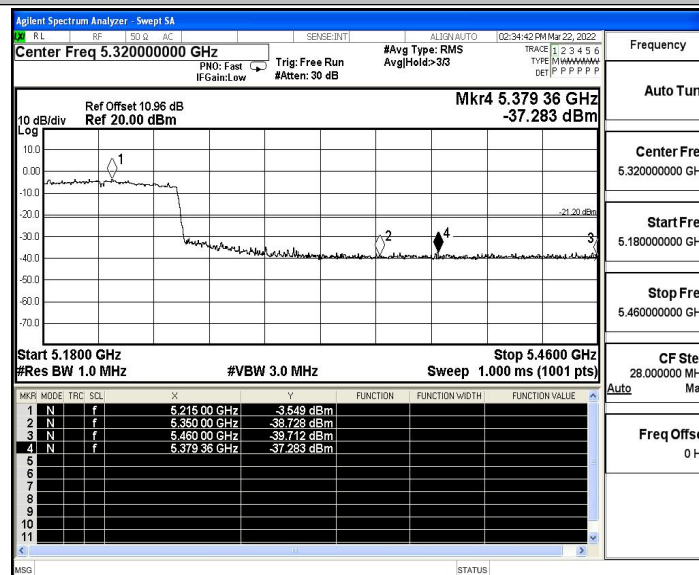
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11AC80SISO\_Ant1\_High\_5210\_Peak



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## D.5 Frequency Stability

### Test Result

| Voltage    |         |         |               |                  |                |                 |             |         |
|------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode   | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11AC20SISO | Ant1    | 5180    | NV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | LV            | NT               | 20000          | 3.861004        | 20          | PASS    |
|            |         |         | HV            | NT               | 0              | 0               | 20          | PASS    |
|            |         | 5220    | NV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | LV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | HV            | NT               | 0              | 0               | 20          | PASS    |
|            |         | 5240    | NV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | LV            | NT               | 20000          | 3.816794        | 20          | PASS    |
|            |         |         | HV            | NT               | 20000          | 3.816794        | 20          | PASS    |
| 11AC40SISO | Ant1    | 5190    | NV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | LV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | HV            | NT               | 0              | 0               | 20          | PASS    |
|            |         | 5230    | NV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | LV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | HV            | NT               | 0              | 0               | 20          | PASS    |
| 11AC80SISO | Ant1    | 5210    | NV            | NT               | 20000          | 3.816794        | 20          | PASS    |
|            |         |         | LV            | NT               | 0              | 0               | 20          | PASS    |
|            |         |         | HV            | NT               | 0              | 0               | 20          | PASS    |





| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11AC20SISO  | Ant1    | 5180    | NV            | -30              | 20000          | 3.861004        | 20          | PASS    |
|             |         |         | NV            | -20              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -10              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 0                | 20000          | 3.861004        | 20          | PASS    |
|             |         |         | NV            | 10               | 20000          | 3.861004        | 20          | PASS    |
|             |         |         | NV            | 20               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 30               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 40               | 20000          | 3.861004        | 20          | PASS    |
|             |         |         | NV            | 50               | -20000         | -3.861004       | 20          | PASS    |
|             |         | 5220    | NV            | -30              | 20000          | 3.831418        | 20          | PASS    |
|             |         |         | NV            | -20              | 20000          | 3.831418        | 20          | PASS    |
|             |         |         | NV            | -10              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 0                | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 10               | 20000          | 3.831418        | 20          | PASS    |
|             |         |         | NV            | 20               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 30               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 40               | 0              | 0               | 20          | PASS    |
|             |         | 5240    | NV            | 50               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -30              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -20              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -10              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 0                | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 10               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 20               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 30               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 40               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 50               | -20000         | -3.816794       | 20          | PASS    |
| 11AC40SISO  | Ant1    | 5190    | NV            | -30              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -20              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -10              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 0                | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 10               | 40000          | 7.707129        | 20          | PASS    |
|             |         |         | NV            | 20               | 40000          | 7.707129        | 20          | PASS    |
|             |         |         | NV            | 30               | -40000         | -7.707129       | 20          | PASS    |
|             |         |         | NV            | 40               | 40000          | 7.707129        | 20          | PASS    |
|             |         |         | NV            | 50               | 0              | 0               | 20          | PASS    |
|             |         | 5230    | NV            | -30              | 0              | 0               | 20          | PASS    |



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|            |      |      |    |     |       |          |    |      |
|------------|------|------|----|-----|-------|----------|----|------|
|            |      |      | NV | -20 | 0     | 0        | 20 | PASS |
|            |      |      | NV | -10 | 40000 | 7.648184 | 20 | PASS |
|            |      |      | NV | 0   | 40000 | 7.648184 | 20 | PASS |
|            |      |      | NV | 10  | 0     | 0        | 20 | PASS |
|            |      |      | NV | 20  | 0     | 0        | 20 | PASS |
|            |      |      | NV | 30  | 0     | 0        | 20 | PASS |
|            |      |      | NV | 40  | 0     | 0        | 20 | PASS |
|            |      |      | NV | 50  | 0     | 0        | 20 | PASS |
| 11AC80SISO | Ant1 | 5210 | NV | -30 | 0     | 0        | 20 | PASS |
|            |      |      | NV | -20 | 0     | 0        | 20 | PASS |
|            |      |      | NV | -10 | 0     | 0        | 20 | PASS |
|            |      |      | NV | 0   | 0     | 0        | 20 | PASS |
|            |      |      | NV | 10  | 0     | 0        | 20 | PASS |
|            |      |      | NV | 20  | 0     | 0        | 20 | PASS |
|            |      |      | NV | 30  | 0     | 0        | 20 | PASS |
|            |      |      | NV | 40  | 0     | 0        | 20 | PASS |
|            |      |      | NV | 50  | 0     | 0        | 20 | PASS |





## D.6 Duty Cycle

### Test Result

| TestMode   | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | 1/T (kHz) |
|------------|---------|---------|----------------------------|--------------------------|----------------|-----------|
| 11A        | Ant1    | 5180    | 1.39                       | 1.43                     | 97.20          | 0.72      |
|            |         | 5220    | 1.39                       | 1.43                     | 97.20          | 0.72      |
|            |         | 5240    | 1.40                       | 1.43                     | 97.90          | 0.71      |
| 11N20SISO  | Ant1    | 5180    | 1.30                       | 1.34                     | 97.01          | 0.77      |
|            |         | 5220    | 1.30                       | 1.33                     | 97.74          | 0.77      |
|            |         | 5240    | 1.30                       | 1.33                     | 97.74          | 0.77      |
| 11N40SISO  | Ant1    | 5190    | 0.65                       | 0.68                     | 95.59          | 1.54      |
|            |         | 5230    | 0.65                       | 0.69                     | 94.20          | 1.54      |
| 11AC20SISO | Ant1    | 5180    | 1.32                       | 1.35                     | 97.78          | 0.76      |
|            |         | 5220    | 1.31                       | 1.35                     | 97.04          | 0.76      |
|            |         | 5240    | 1.31                       | 1.34                     | 97.76          | 0.76      |
| 11AC40SISO | Ant1    | 5190    | 0.65                       | 0.69                     | 94.20          | 1.54      |
|            |         | 5230    | 0.65                       | 0.69                     | 94.20          | 1.54      |
| 11AC80SISO | Ant1    | 5210    | 0.32                       | 0.36                     | 88.89          | 3.13      |



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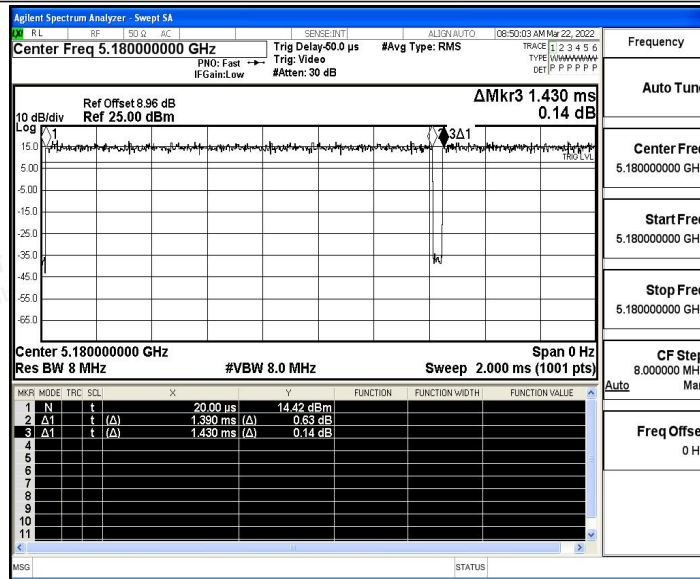
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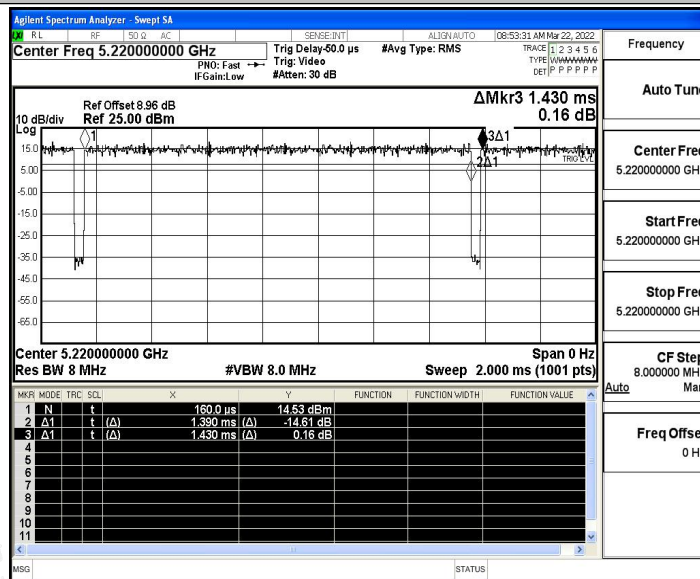


## Test Graphs

11A\_Ant1\_5180



11A\_Ant1\_5220



11A\_Ant1\_5240

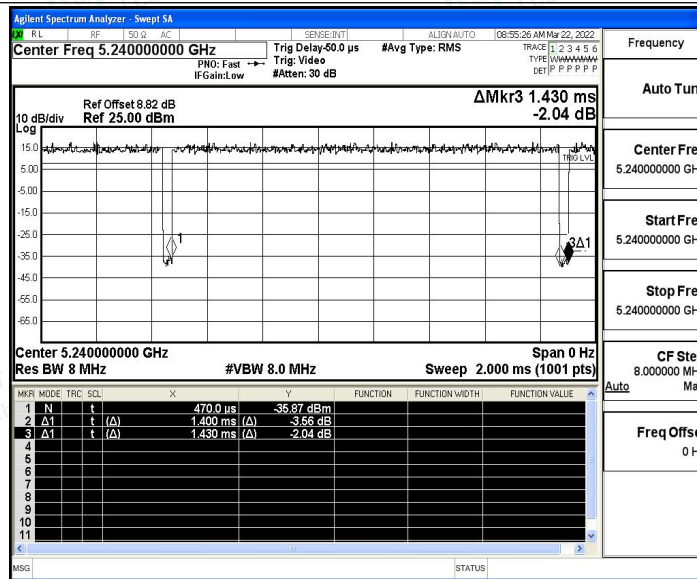


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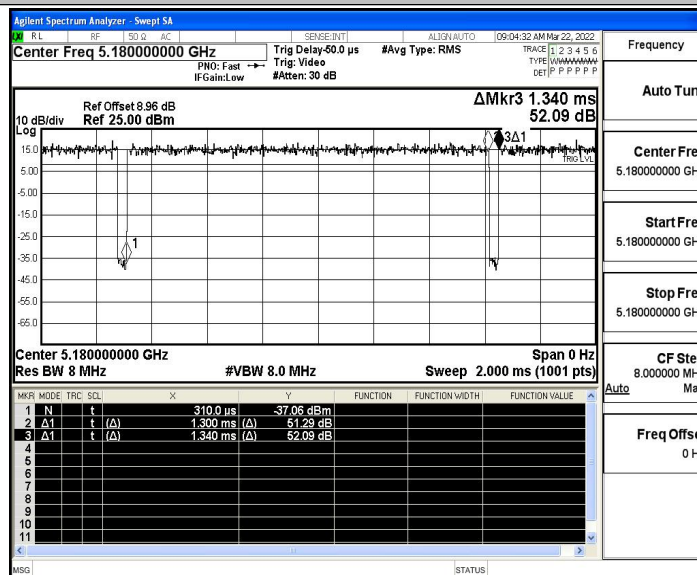
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5220

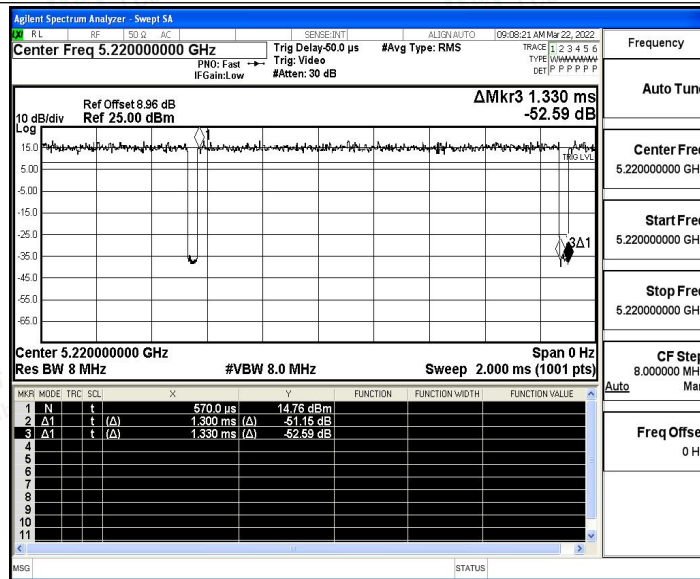


Shenzhen LCS Compliance Testing Laboratory Ltd.

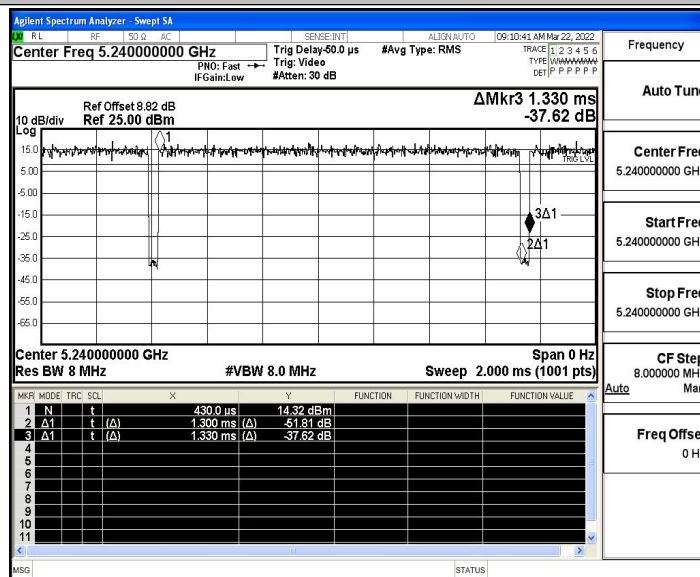
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11N20SISO\_Ant1\_5240



11N40SISO\_Ant1\_5190

