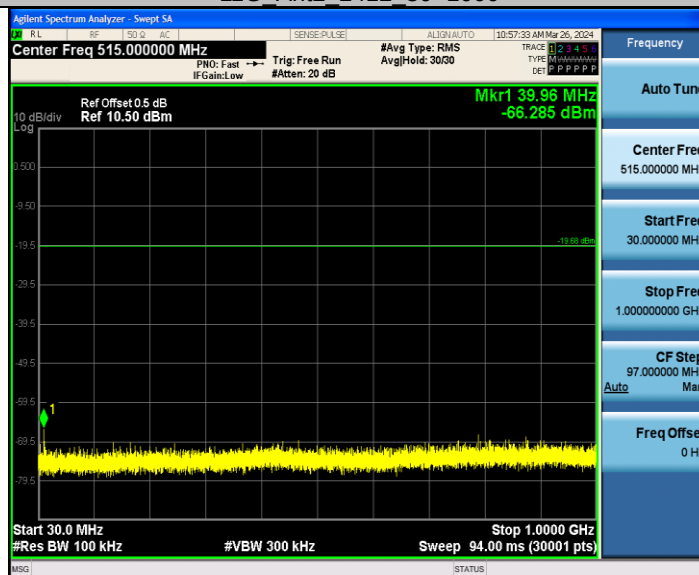
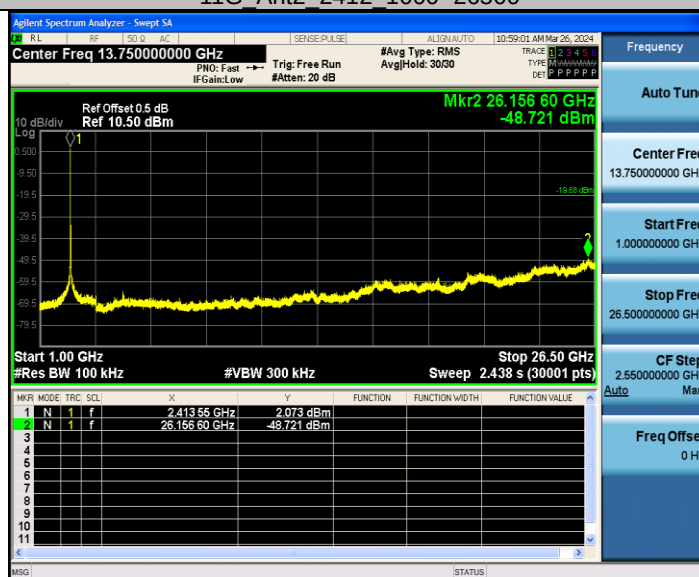




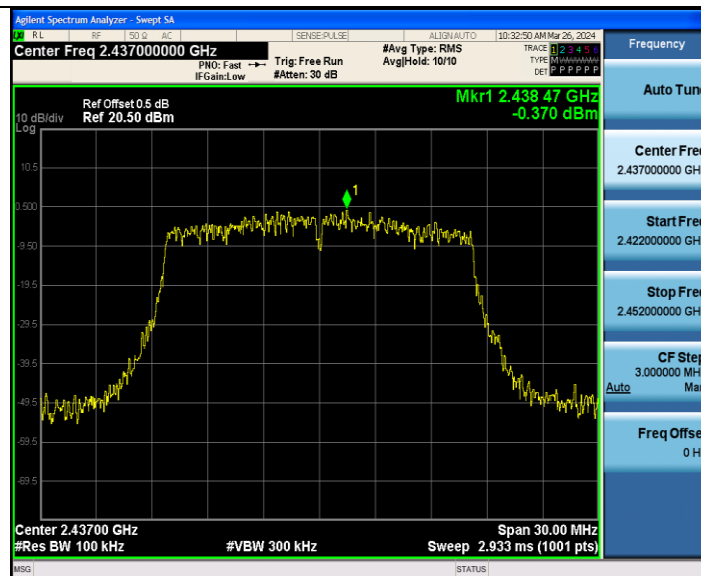
11G\_Ant2\_2412\_30~1000



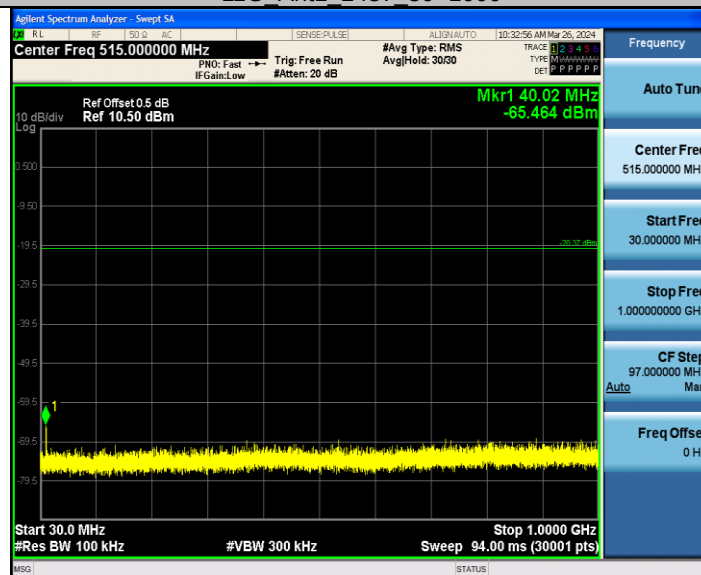
11G\_Ant2\_2412\_1000~26500



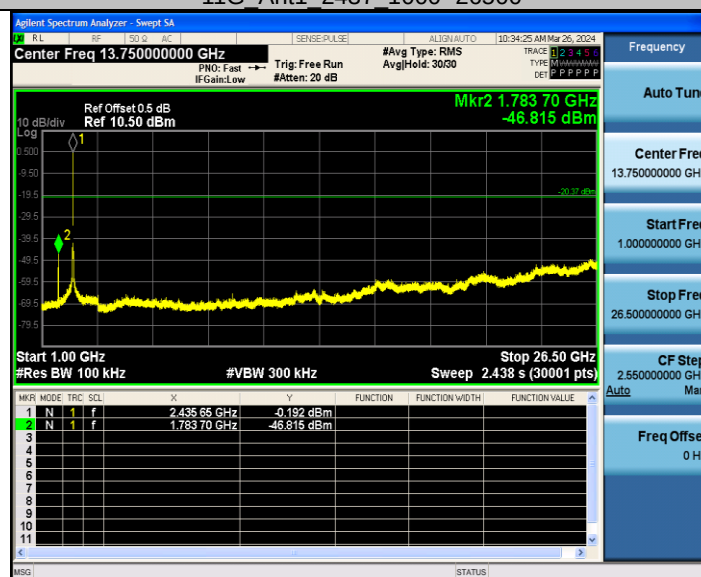
11G\_Ant1\_2437\_0~Reference



11G Ant1 2437 30~1000



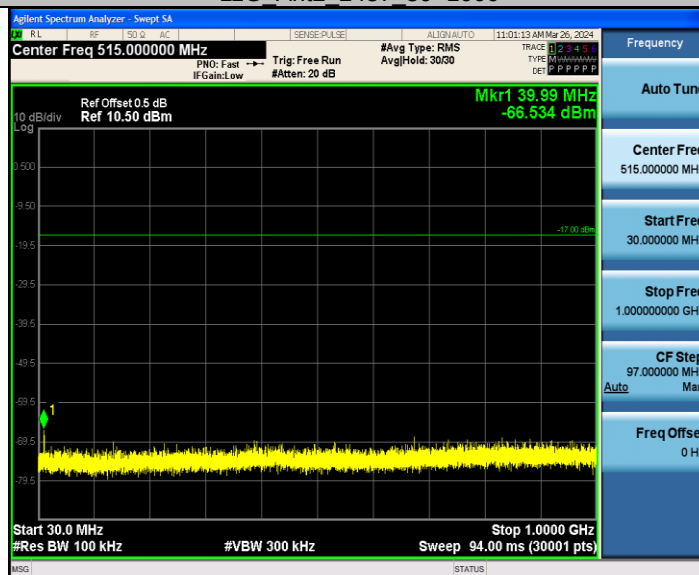
11G Ant1 2437 1000~26500



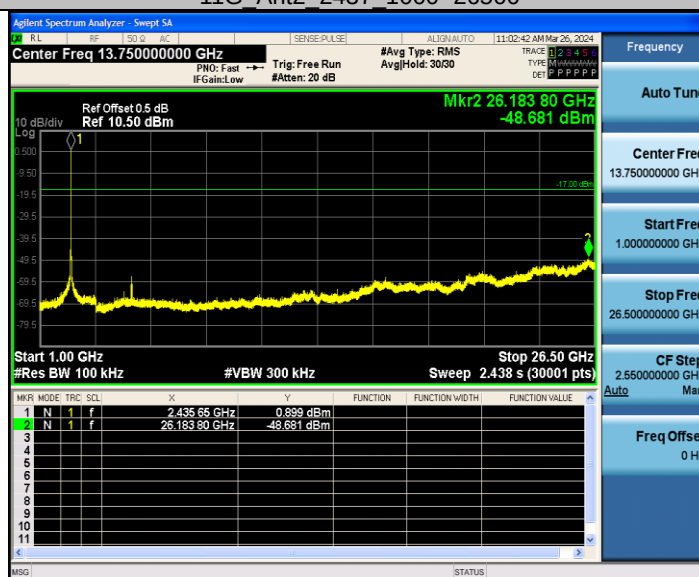
11G Ant2 2437 0~Reference



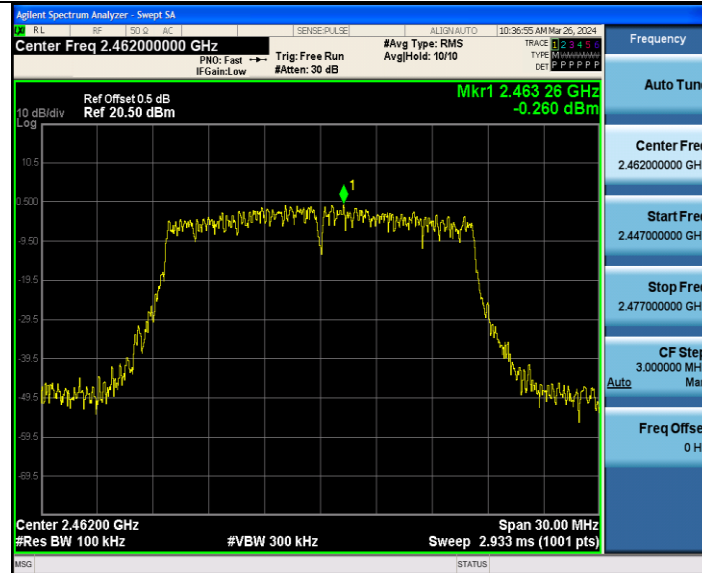
11G Ant2 2437 30~1000



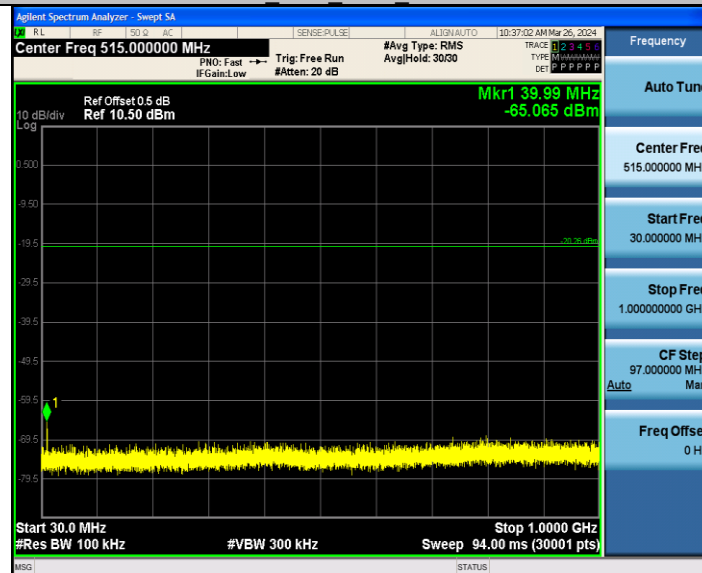
11G Ant2 2437 1000~26500



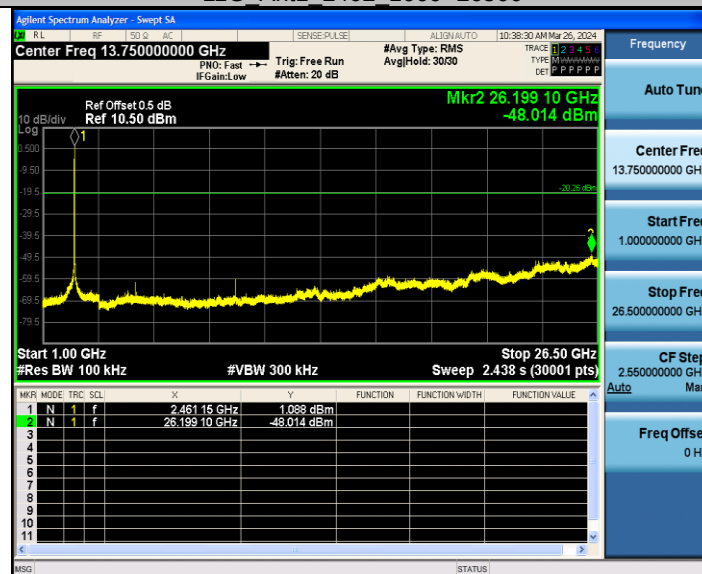
11G Ant1 2462 0~Reference



11G\_Ant1\_2462\_30~1000



11G\_Ant1\_2462\_1000~26500



11G\_Ant2\_2462\_0~Reference

CTC Laboratories, Inc.

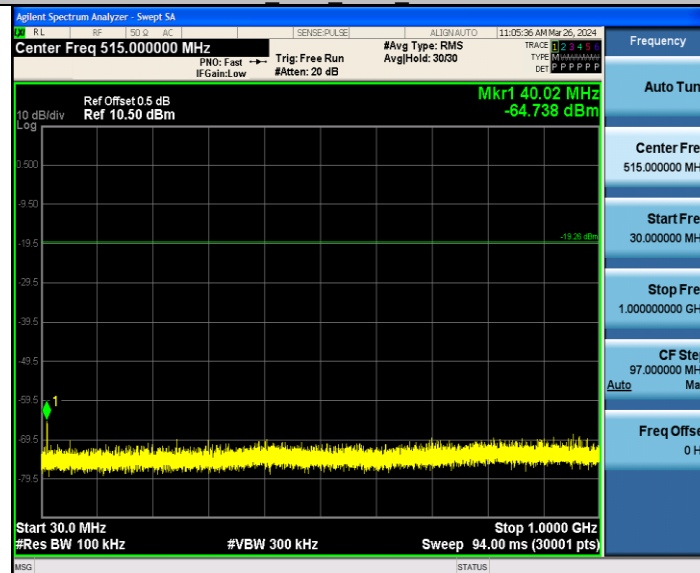
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



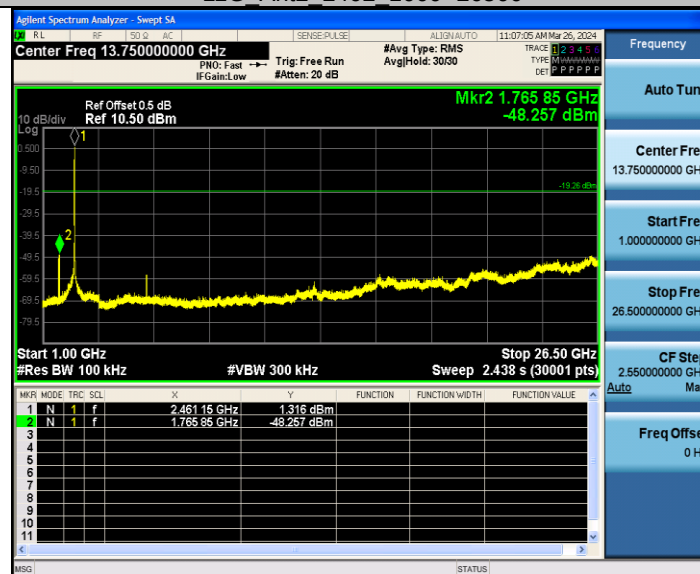
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



11G\_Ant2\_2462\_30~1000



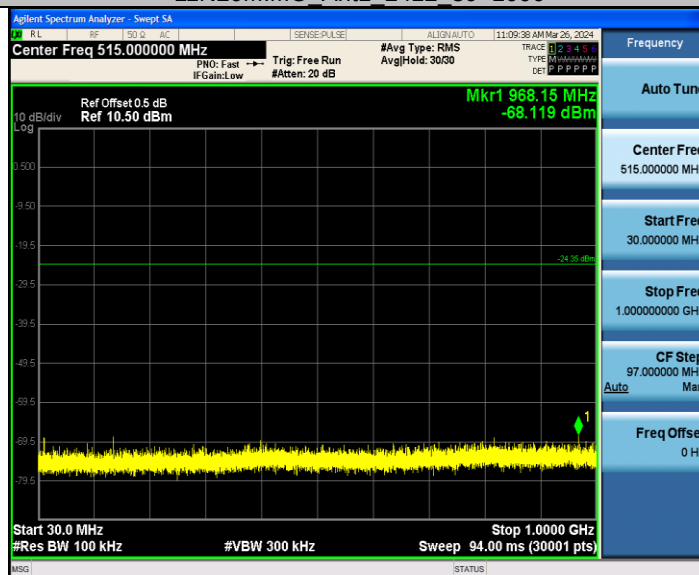
11G\_Ant2\_2462\_1000~26500



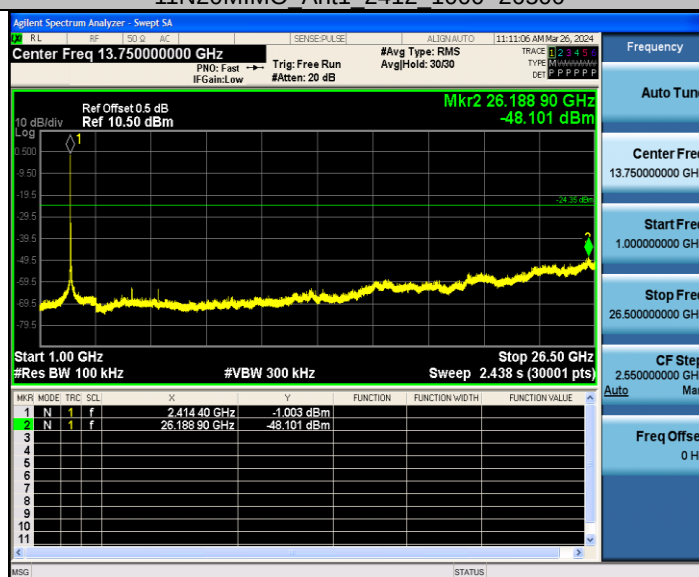
11N20MIMO\_Ant1\_2412\_0~Reference



11N20MIMO\_Ant1\_2412\_30~1000



11N20MIMO\_Ant1\_2412\_1000~26500

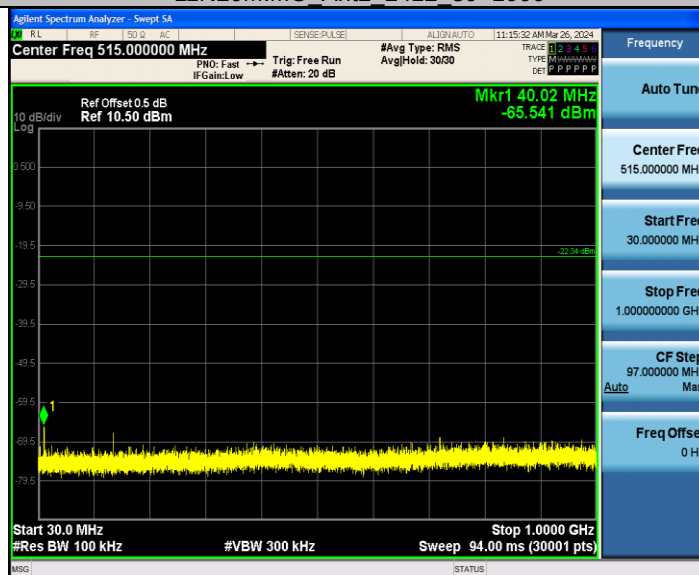


11N20MIMO\_Ant2\_2412\_0~Reference

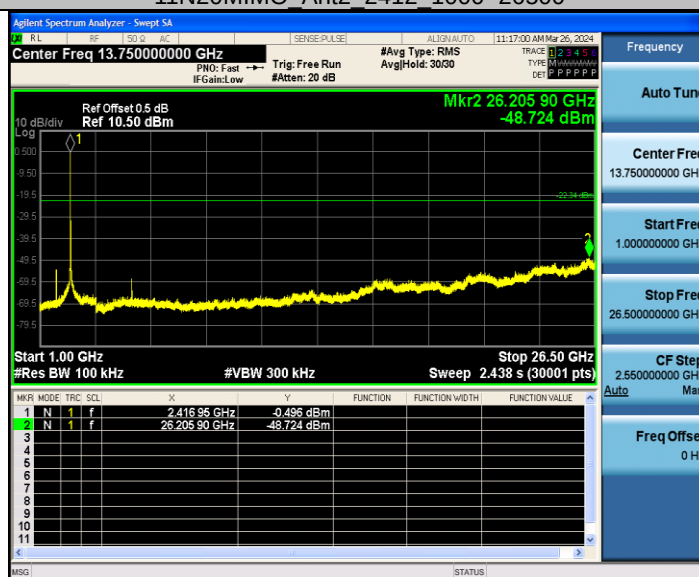




11N20MIMO\_Ant2\_2412\_30~1000



11N20MIMO\_Ant2\_2412\_1000~26500



11N20MIMO\_Ant1\_2437\_0~Reference

CTC Laboratories, Inc.

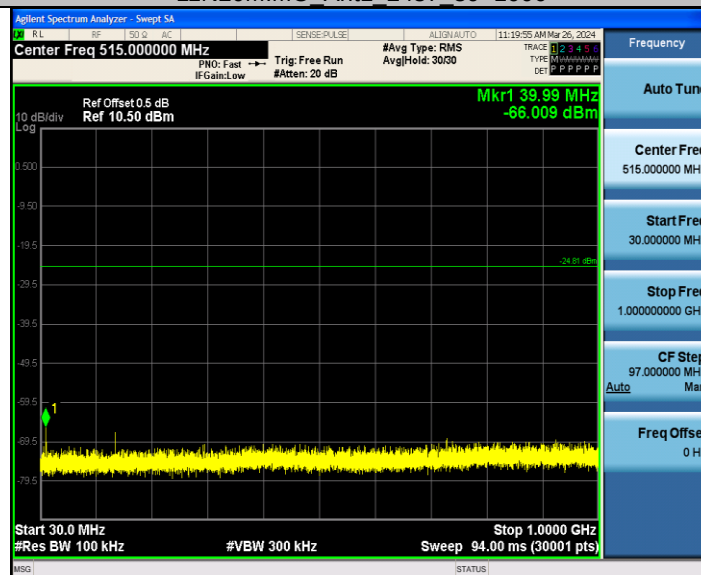
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059

Fax: (86)755-27521011 Http://www.sz-ctc.org.cn  
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

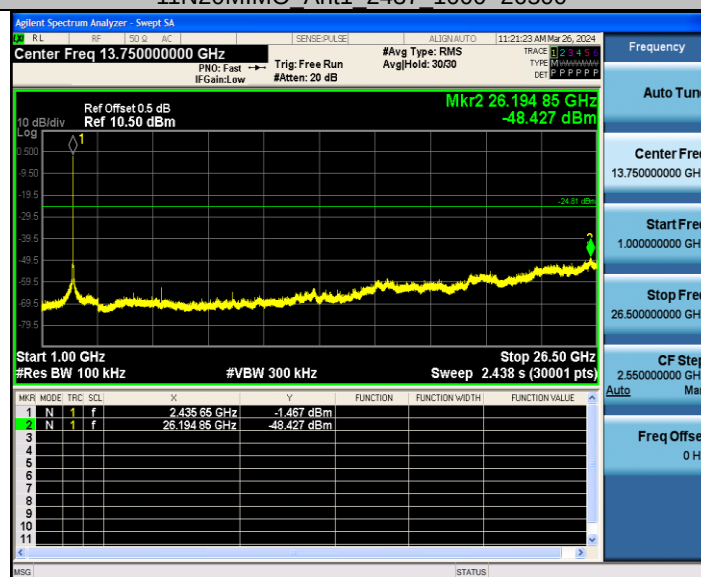




11N20MIMO\_Ant1\_2437\_30~1000



11N20MIMO\_Ant1\_2437\_1000~26500



11N20MIMO\_Ant2\_2437\_0~Reference

CTC Laboratories, Inc.

Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059

Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

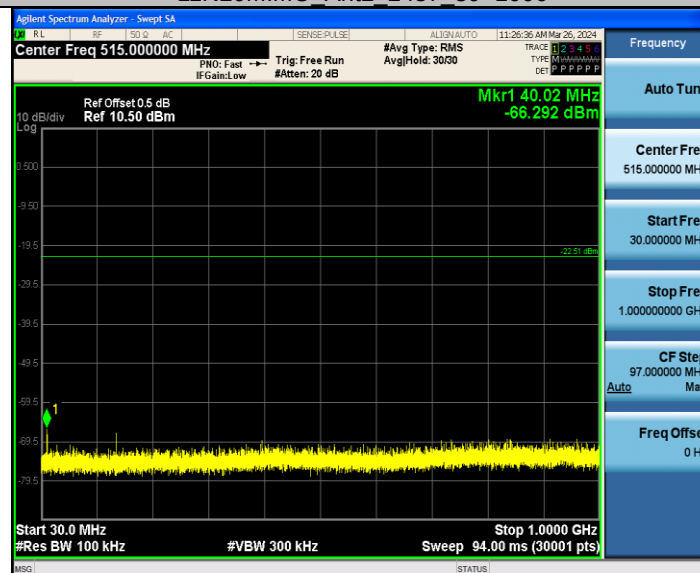
For anti-fake verification, please visit the official website of Certification and

Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

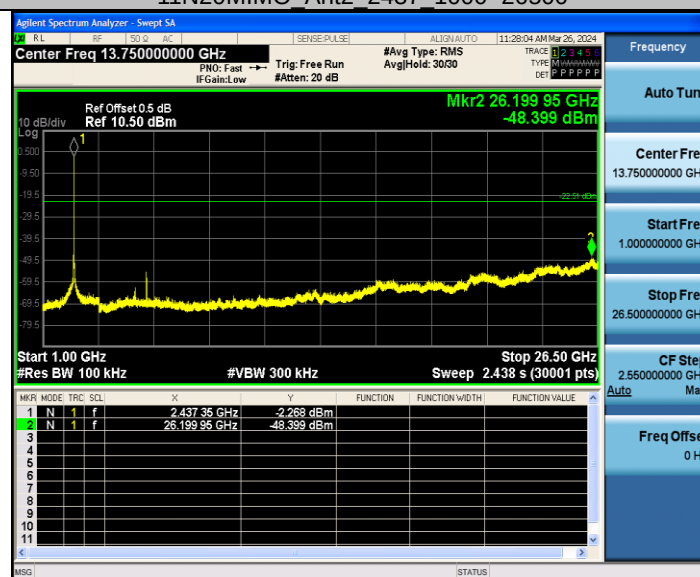




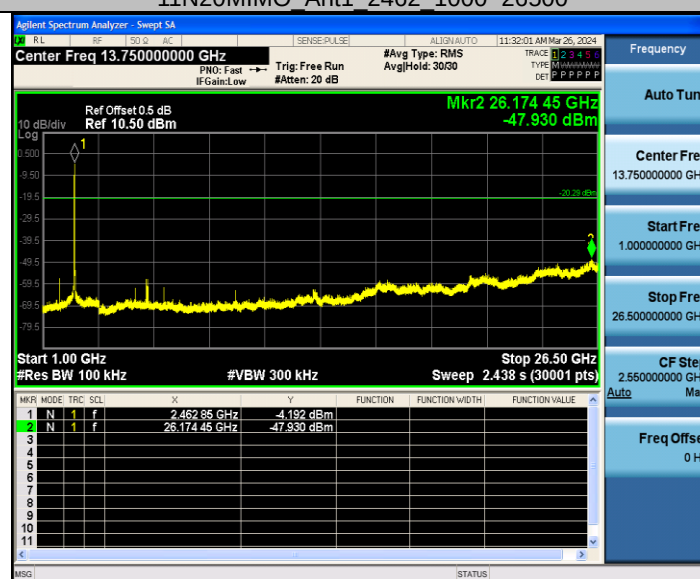
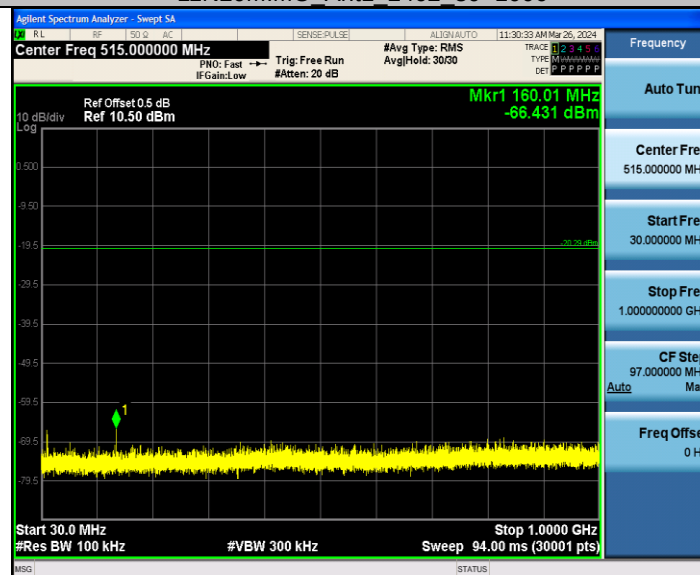
11N20MIMO\_Ant2\_2437\_30~1000



11N20MIMO\_Ant2\_2437\_1000~26500

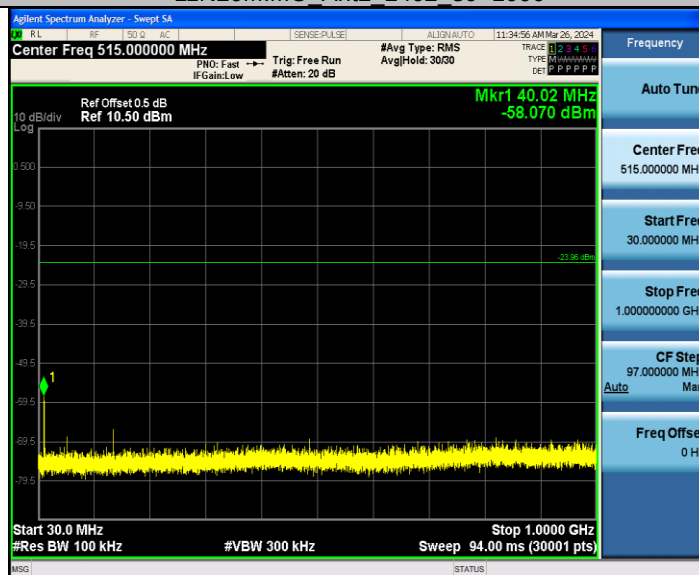


11N20MIMO\_Ant1\_2462\_0~Reference

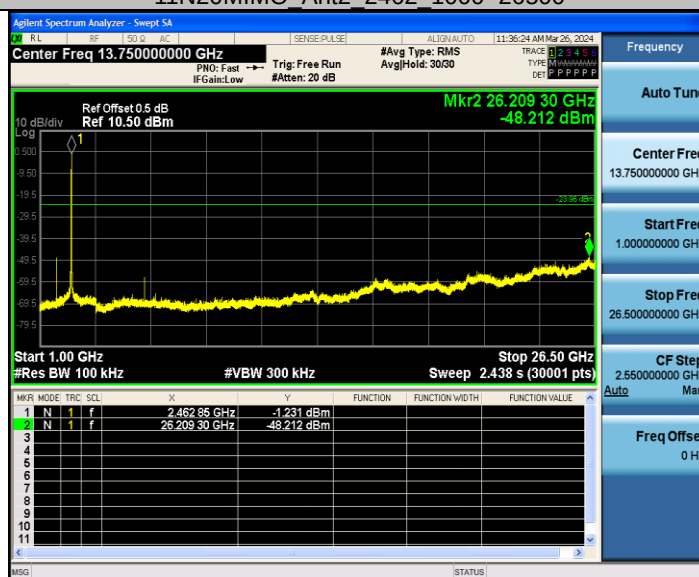




11N20MIMO\_Ant2\_2462\_30~1000



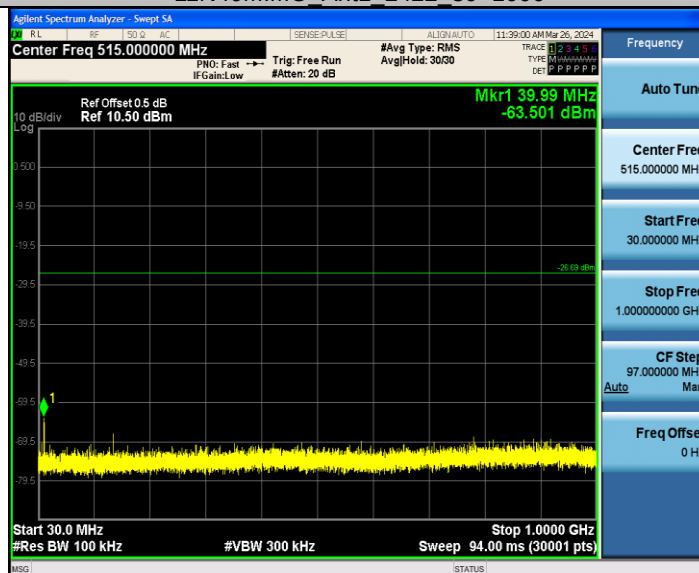
11N20MIMO\_Ant2\_2462\_1000~26500



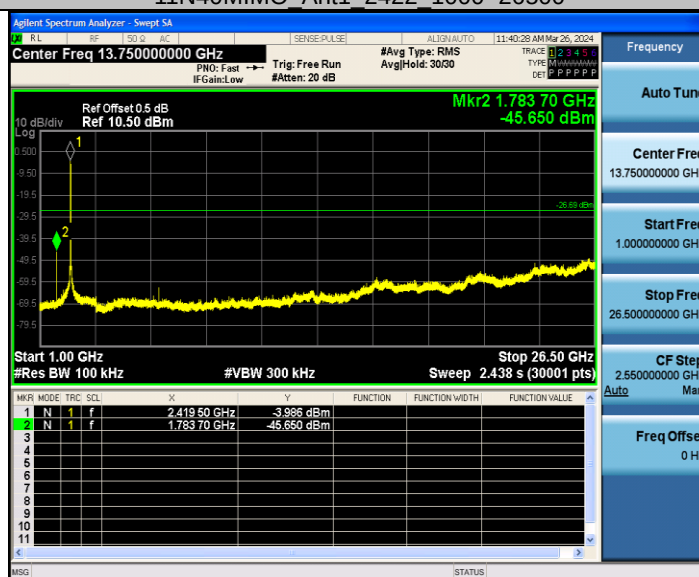
11N40MIMO\_Ant1\_2422\_0~Reference



11N40MIMO\_Ant1\_2422\_30~1000



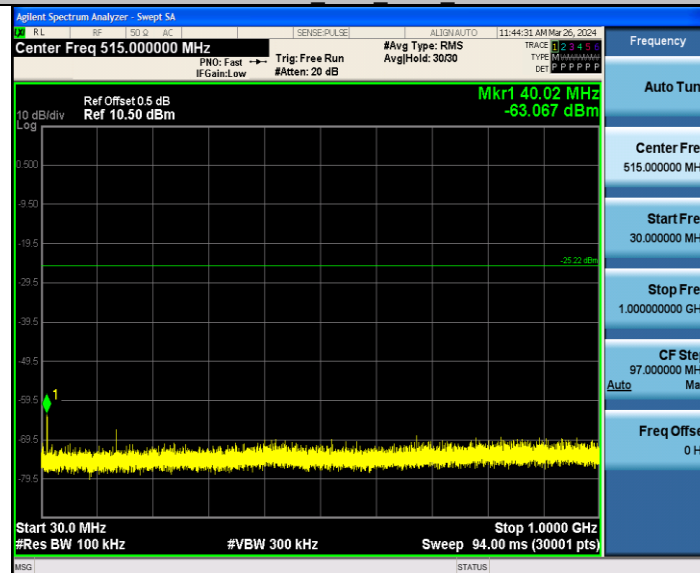
11N40MIMO\_Ant1\_2422\_1000~26500



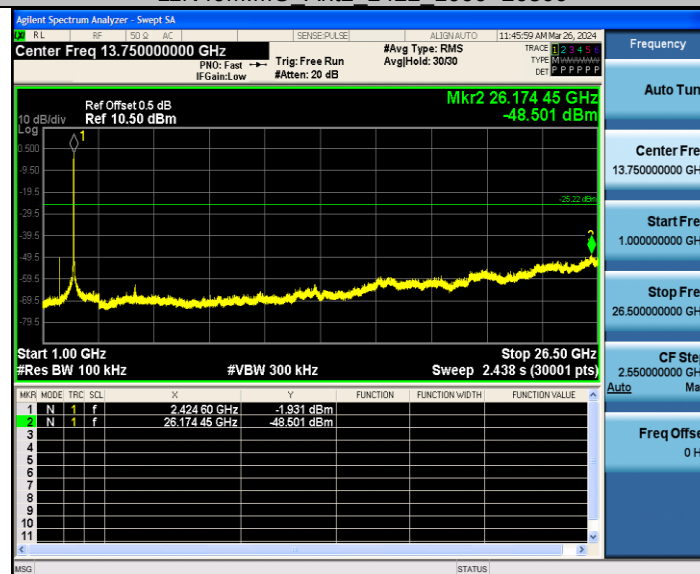
11N40MIMO\_Ant2\_2422\_0~Reference



11N40MIMO\_Ant2\_2422\_30~1000



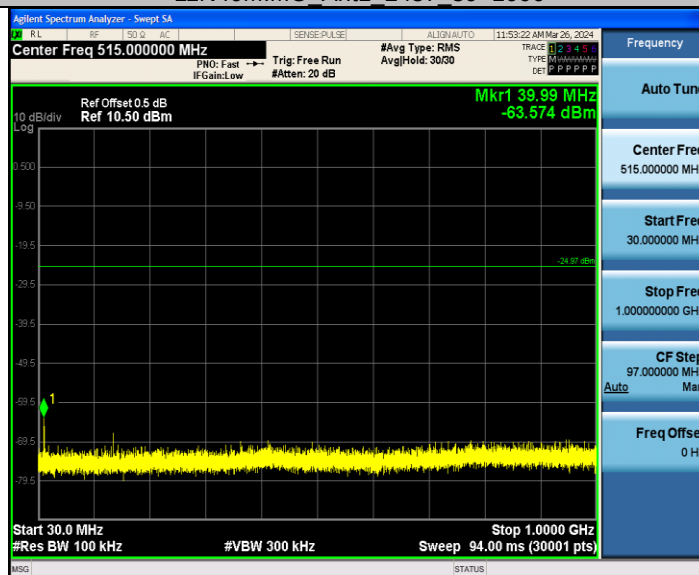
11N40MIMO\_Ant2\_2422\_1000~26500



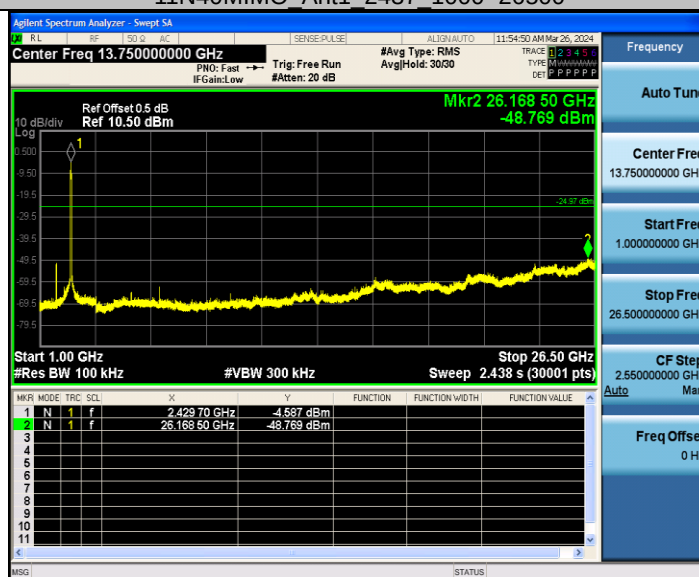
11N40MIMO\_Ant1\_2437\_0~Reference



11N40MIMO\_Ant1\_2437\_30~1000

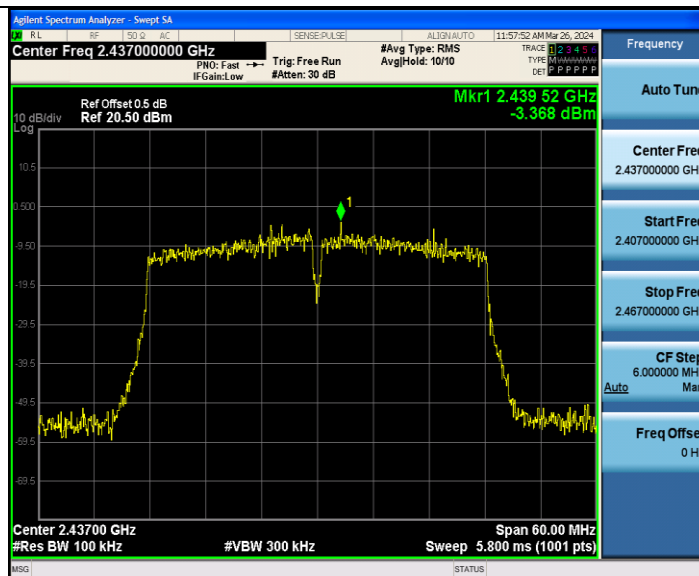


11N40MIMO\_Ant1\_2437\_1000~26500

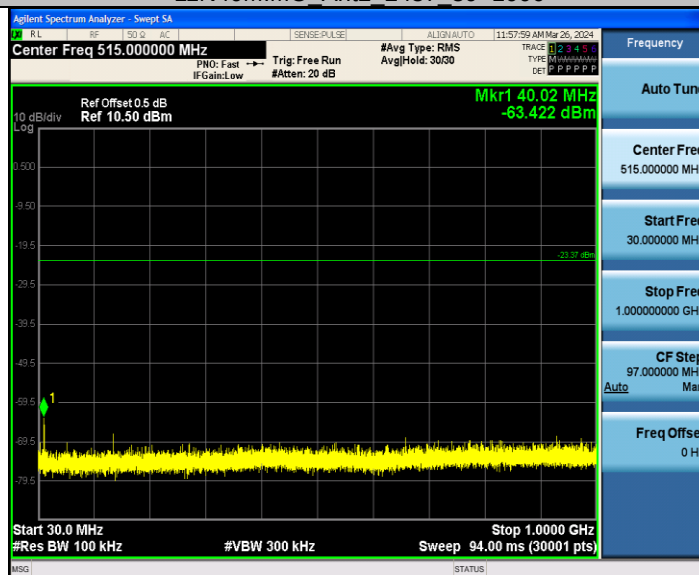


11N40MIMO\_Ant2\_2437\_0~Reference

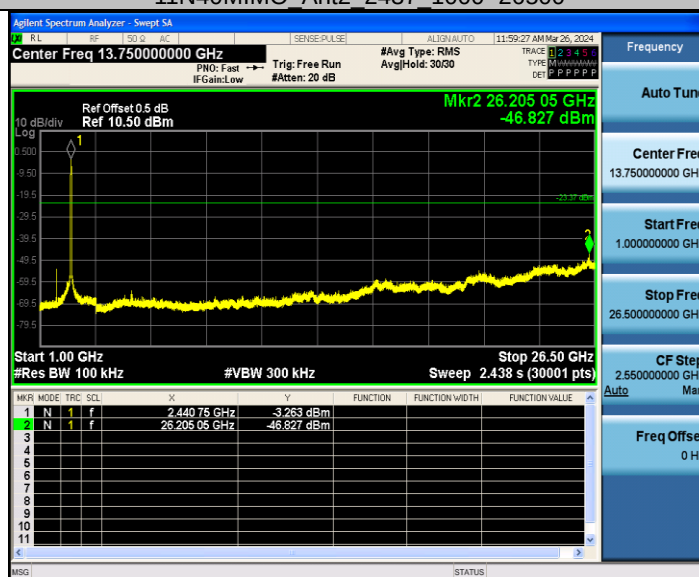




11N40MIMO\_Ant2\_2437\_30~1000



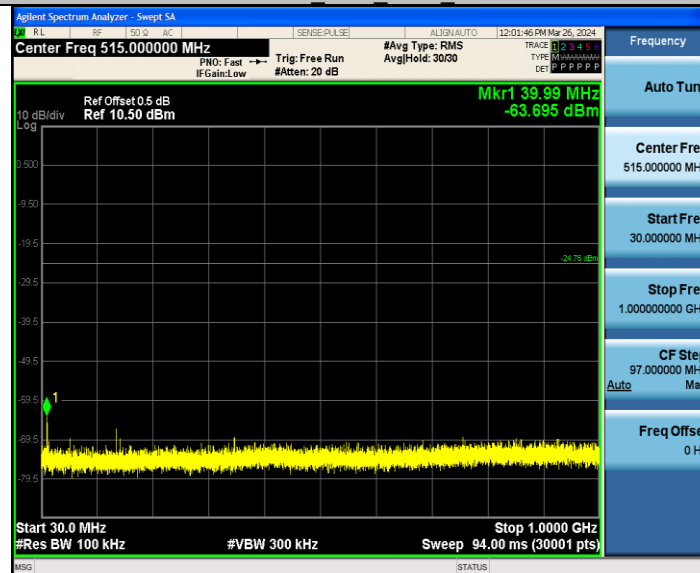
11N40MIMO\_Ant2\_2437\_1000~26500



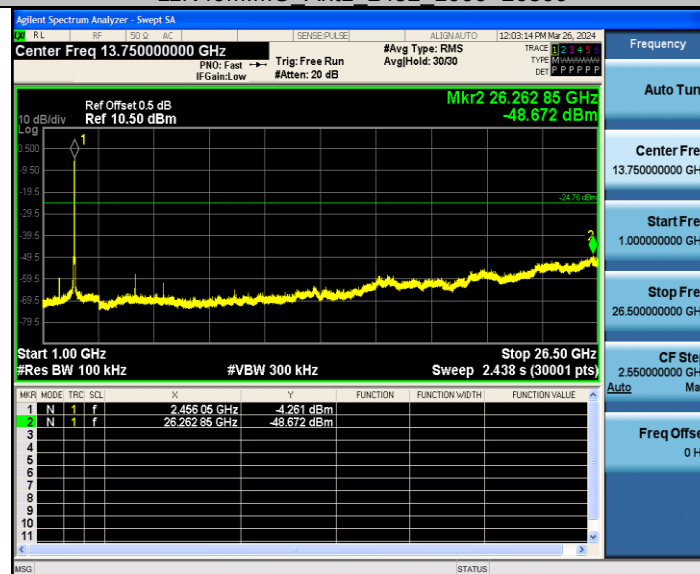
11N40MIMO\_Ant1\_2452\_0~Reference



11N40MIMO\_Ant1\_2452\_30~1000



11N40MIMO\_Ant1\_2452\_1000~26500



11N40MIMO\_Ant2\_2452\_0~Reference

CTC Laboratories, Inc.

Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059

Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

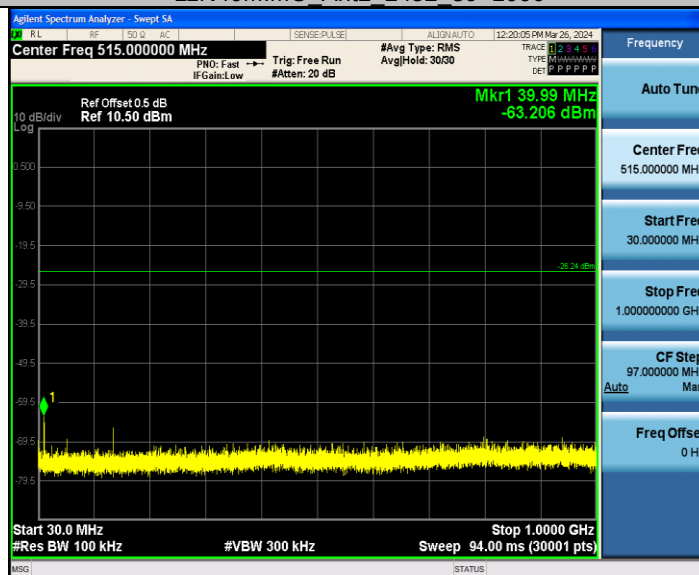
For anti-fake verification, please visit the official website of Certification and

Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

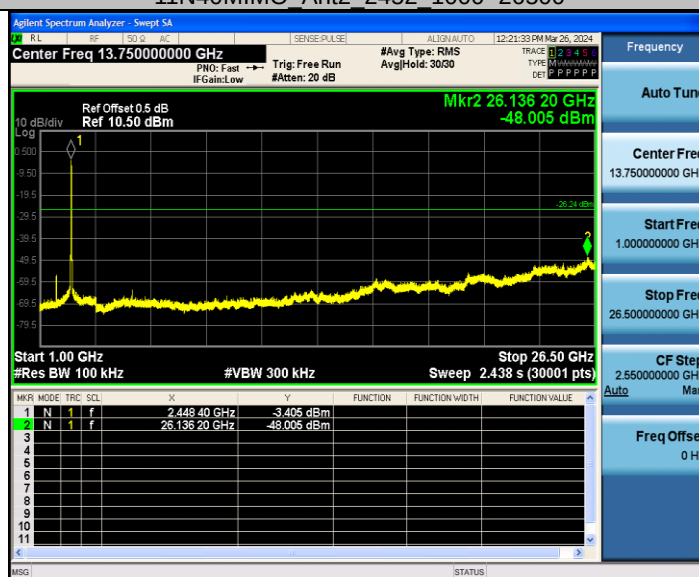




11N40MIMO\_Ant2\_2452\_30~1000



11N40MIMO\_Ant2\_2452\_1000~26500





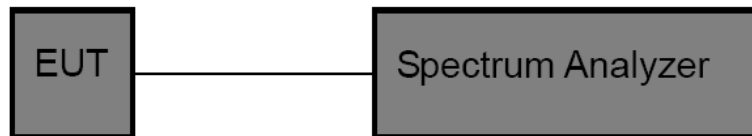
### 3.5. DTS Bandwidth

#### Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2) / RSS-247 5.2 a

| Test Item     | Limit                             | Frequency Range (MHz) |
|---------------|-----------------------------------|-----------------------|
| DTS Bandwidth | $\geq 500$ kHz<br>(6dB bandwidth) | 2400~2483.5           |

#### Test Configuration



#### Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. DTS Spectrum Setting:
  - (1) Set RBW = 100 kHz.
  - (2) Set the video bandwidth (VBW)  $\geq 3$  RBW.
  - (3) Detector = Peak.
  - (4) Trace mode = Max hold.
  - (5) Sweep = Auto couple.OCB Spectrum Setting:
  - (1) Set RBW = 1% ~ 5% occupied bandwidth.
  - (2) Set the video bandwidth (VBW)  $\geq 3$  RBW.
  - (3) Detector = Peak.
  - (4) Trace mode = Max hold.
  - (5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

#### Test Mode

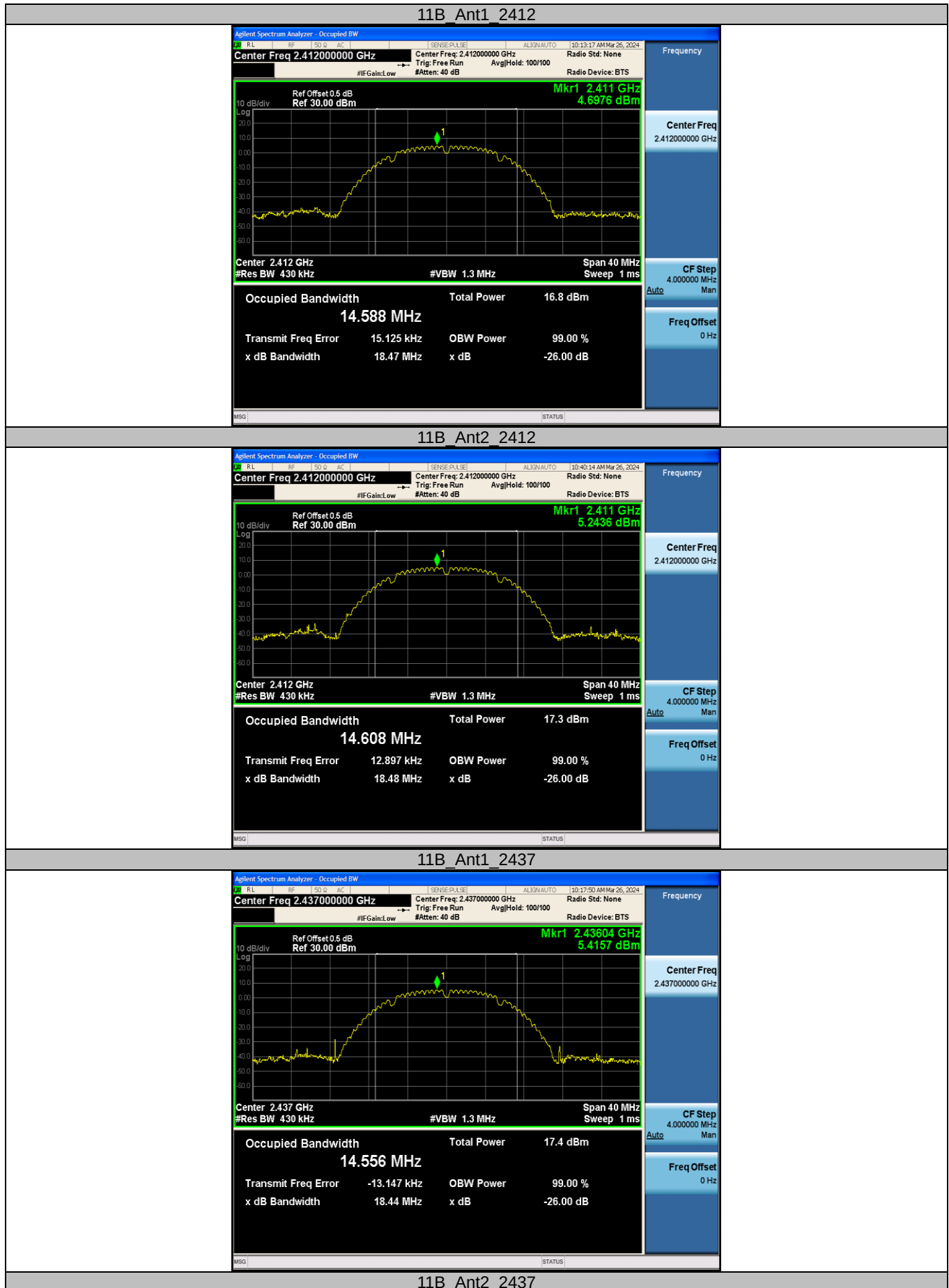
Please refer to the clause 2.4.

**Test Result**

| Test Mode | Antenna | Channel Frequency[MHz] | OCB [MHz] | DTS BW [MHz] | Limit[MHz] | Verdict |
|-----------|---------|------------------------|-----------|--------------|------------|---------|
| 11B       | Ant1    | 2412                   | 14.588    | 10.000       | 0.5        | PASS    |
|           | Ant2    | 2412                   | 14.608    | 10.080       | 0.5        | PASS    |
|           | Ant1    | 2437                   | 14.556    | 10.080       | 0.5        | PASS    |
|           | Ant2    | 2437                   | 14.594    | 10.080       | 0.5        | PASS    |
|           | Ant1    | 2462                   | 14.567    | 9.760        | 0.5        | PASS    |
|           | Ant2    | 2462                   | 14.584    | 10.040       | 0.5        | PASS    |
| 11G       | Ant1    | 2412                   | 16.324    | 14.600       | 0.5        | PASS    |
|           | Ant2    | 2412                   | 16.343    | 15.440       | 0.5        | PASS    |
|           | Ant1    | 2437                   | 16.336    | 16.040       | 0.5        | PASS    |
|           | Ant2    | 2437                   | 16.319    | 16.320       | 0.5        | PASS    |
|           | Ant1    | 2462                   | 16.326    | 15.120       | 0.5        | PASS    |
|           | Ant2    | 2462                   | 16.343    | 15.040       | 0.5        | PASS    |
| 11N20MIMO | Ant1    | 2412                   | 17.479    | 15.920       | 0.5        | PASS    |
|           | Ant2    | 2412                   | 17.478    | 16.640       | 0.5        | PASS    |
|           | Ant1    | 2437                   | 17.467    | 14.400       | 0.5        | PASS    |
|           | Ant2    | 2437                   | 17.489    | 13.120       | 0.5        | PASS    |
|           | Ant1    | 2462                   | 17.502    | 15.160       | 0.5        | PASS    |
|           | Ant2    | 2462                   | 17.489    | 14.640       | 0.5        | PASS    |
| 11N40MIMO | Ant1    | 2422                   | 35.756    | 34.960       | 0.5        | PASS    |
|           | Ant2    | 2422                   | 35.764    | 35.040       | 0.5        | PASS    |
|           | Ant1    | 2437                   | 35.827    | 34.960       | 0.5        | PASS    |
|           | Ant2    | 2437                   | 35.748    | 33.680       | 0.5        | PASS    |
|           | Ant1    | 2452                   | 35.762    | 35.040       | 0.5        | PASS    |
|           | Ant2    | 2452                   | 35.808    | 32.480       | 0.5        | PASS    |



Occupied Bandwidth:



CTC Laboratories, Inc.

Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059

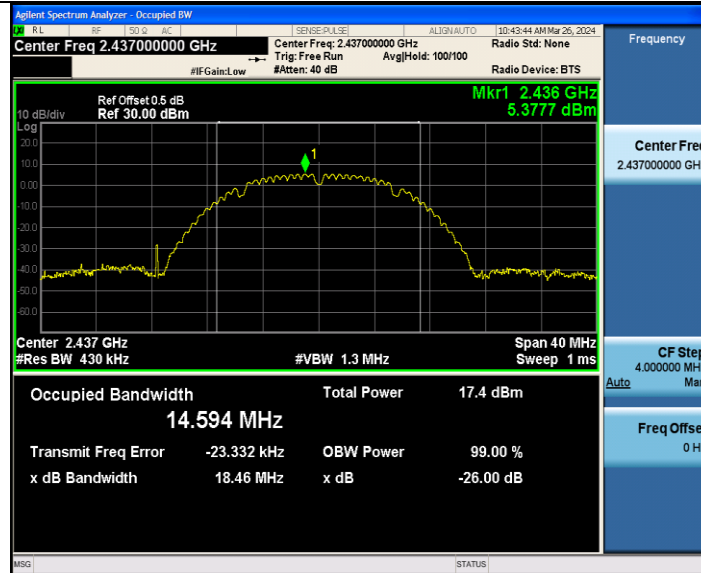
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

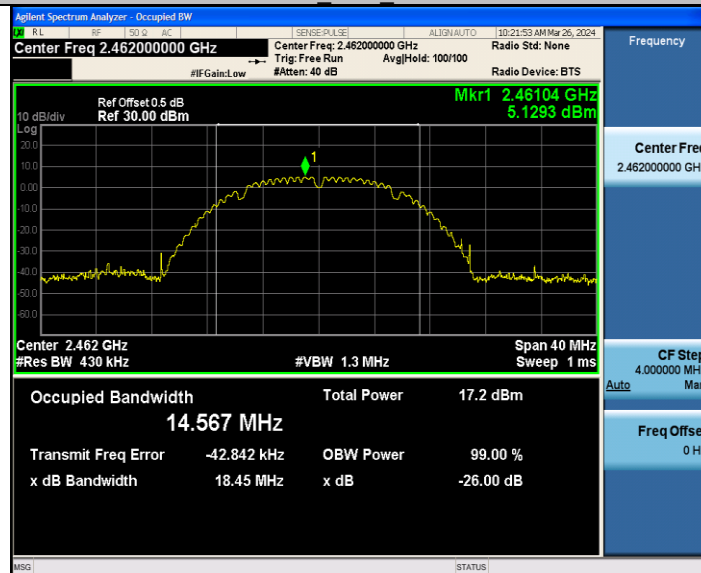


For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

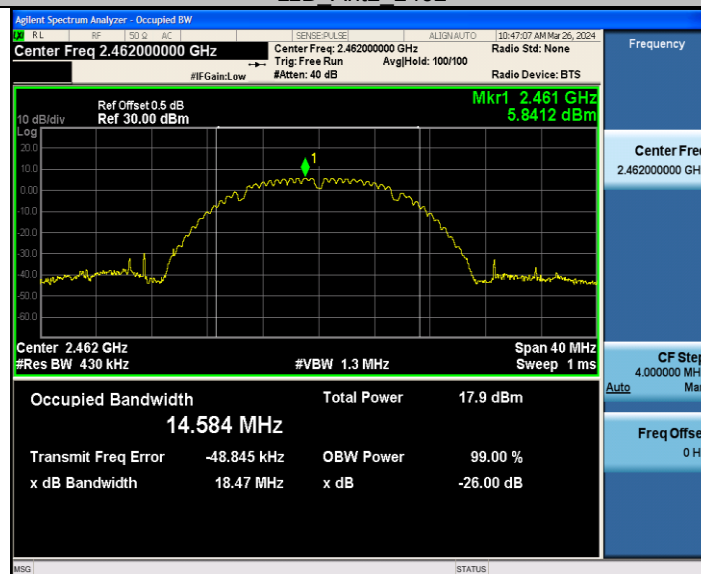




11B\_Ant1\_2462



11B\_Ant2\_2462



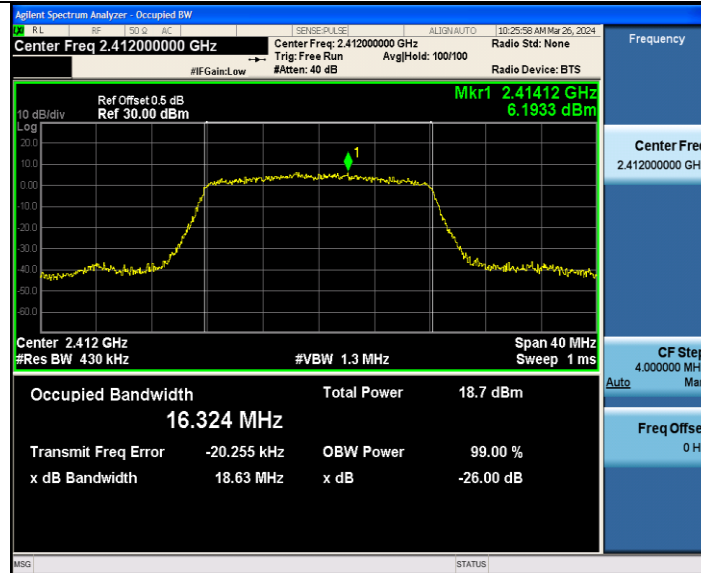
11G\_Ant1\_2412

CTC Laboratories, Inc.

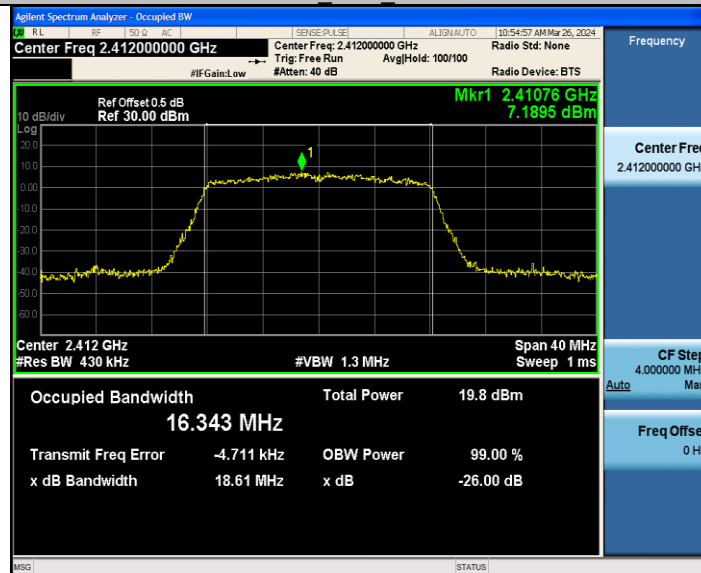
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059

Fax: (86)755-27521011 Http://www.sz-ctc.org.cn  
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

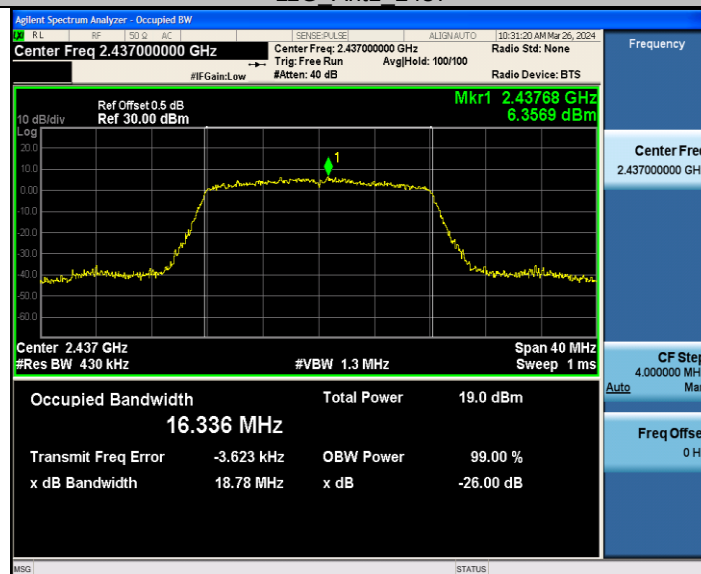




11G\_Ant2\_2412



11G\_Ant1\_2437



11G\_Ant2\_2437

CTC Laboratories, Inc.

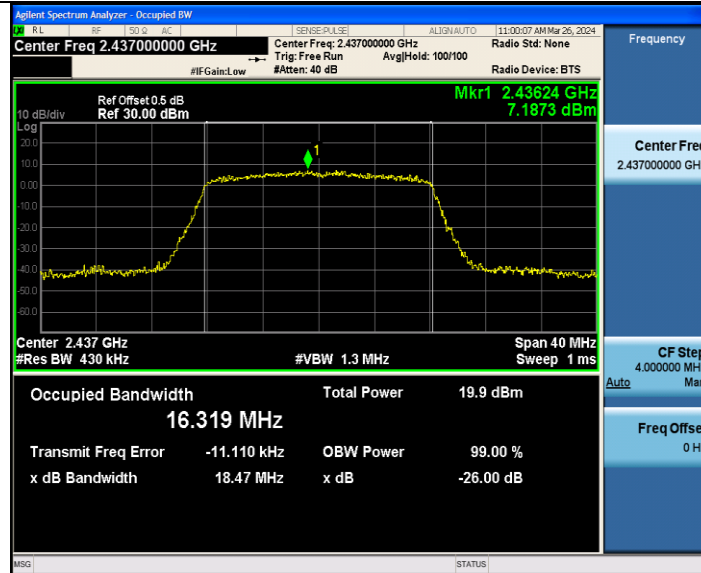
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059

Fax: (86)755-27521011

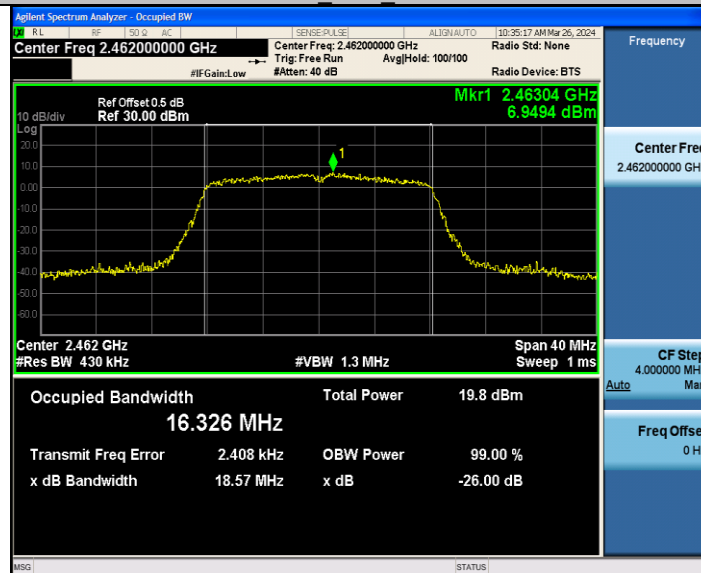
Http://www.sz-ctc.org.cn

For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

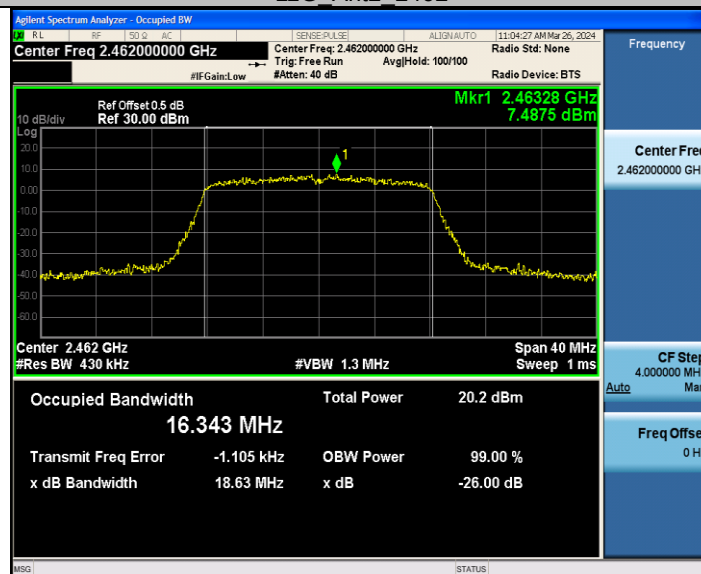




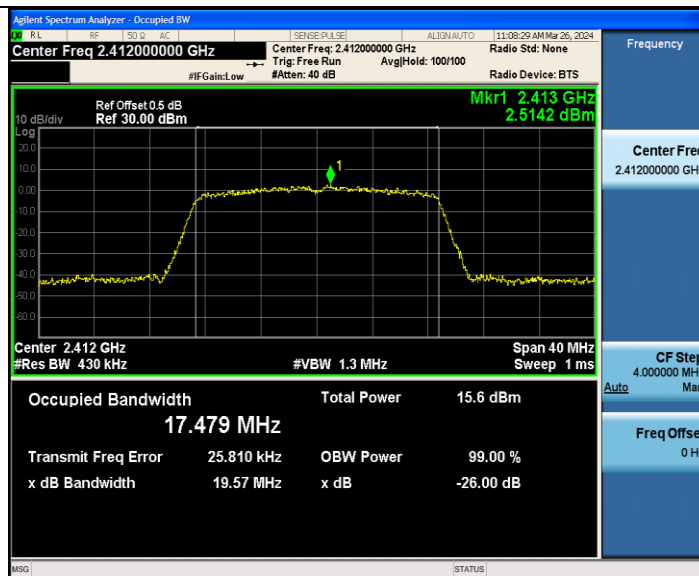
11G Ant1\_2462



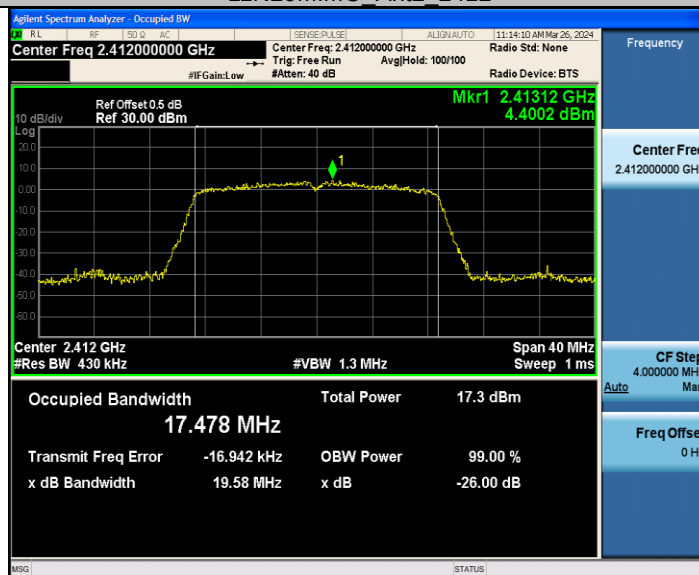
11G Ant2\_2462



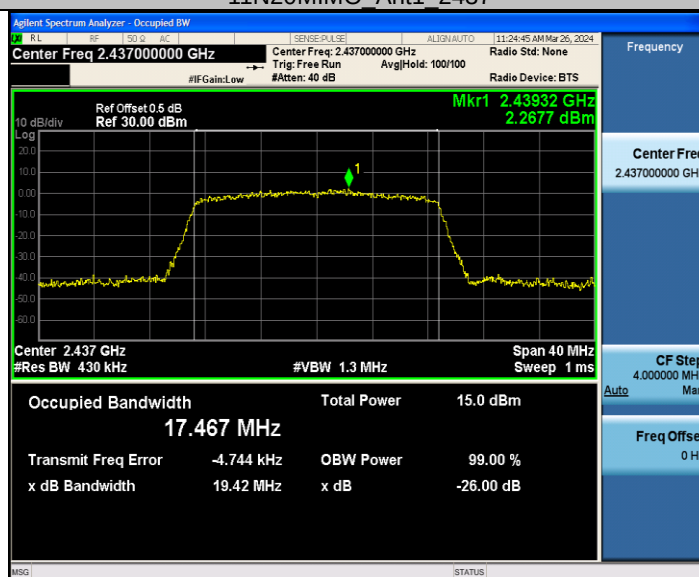
11N20MIMO\_Ant1\_2412



11N20MIMO\_Ant2\_2412



11N20MIMO\_Ant1\_2437



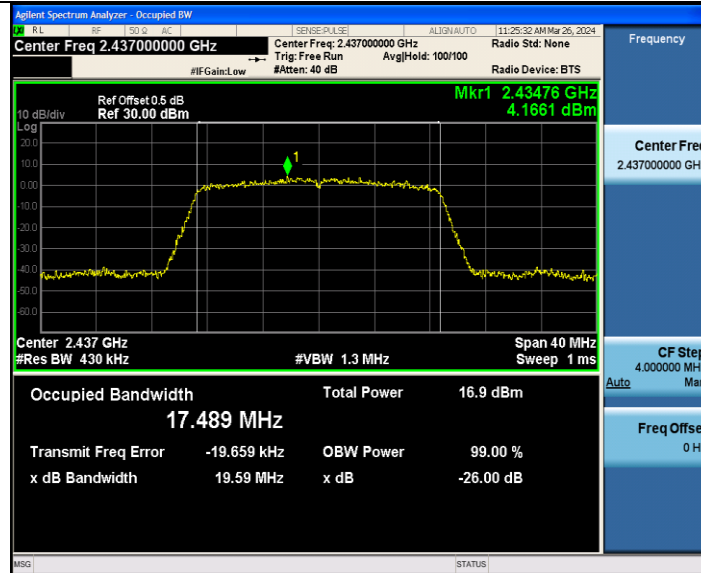
11N20MIMO\_Ant2\_2437

CTC Laboratories, Inc.

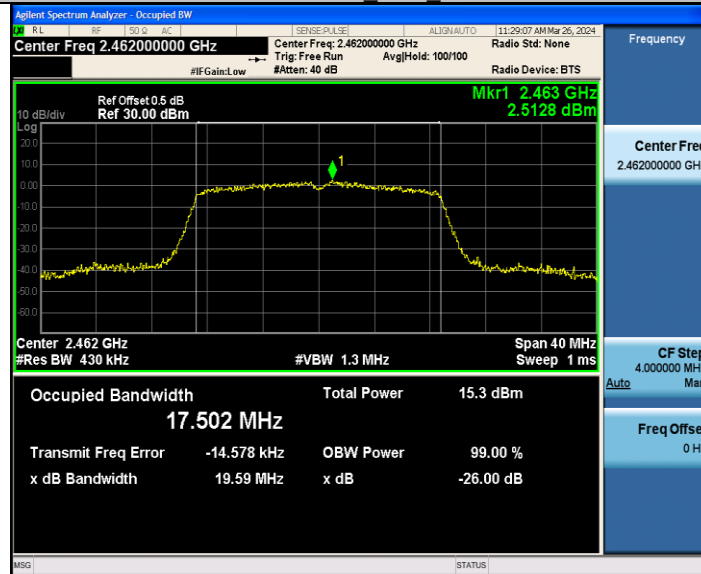
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059

Fax: (86)755-27521011 Http://www.sz-ctc.org.cn  
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

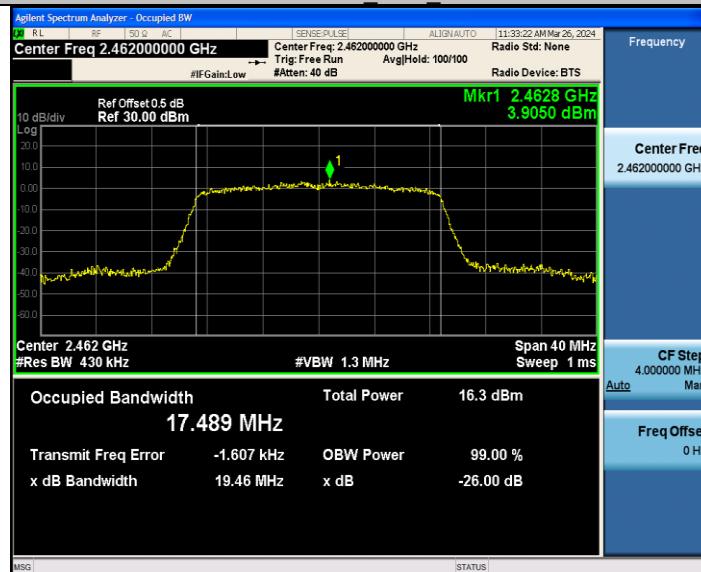




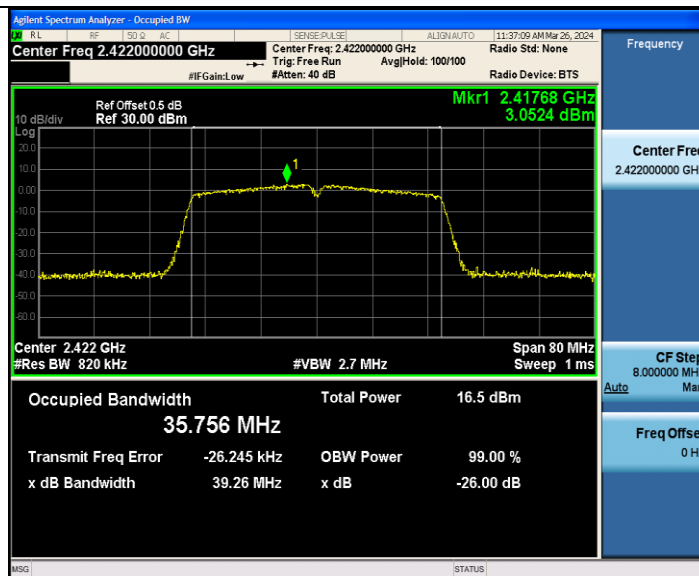
11N20MIMO\_Ant1\_2462



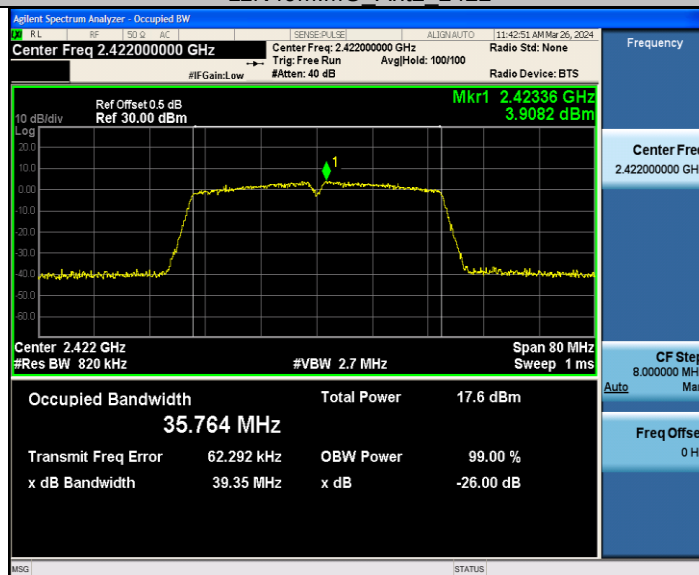
11N20MIMO\_Ant2\_2462



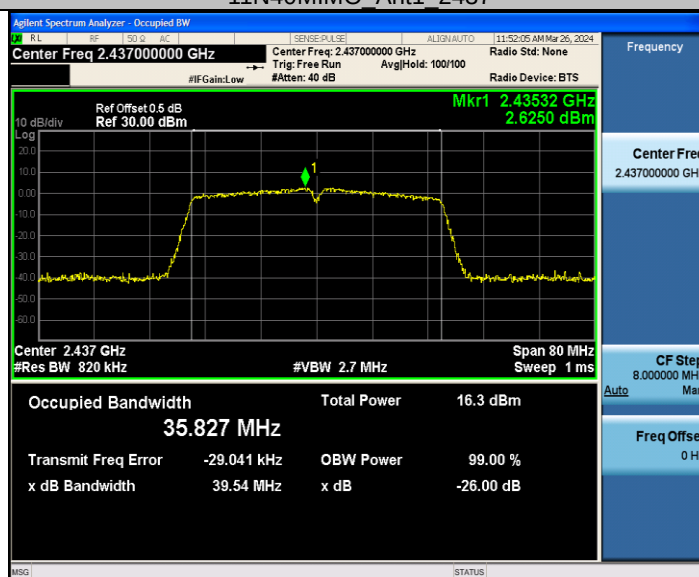
11N40MIMO\_Ant1\_2422



11N40MIMO\_Ant2\_2422



11N40MIMO\_Ant1\_2437



11N40MIMO\_Ant2\_2437

CTC Laboratories, Inc.

Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059

Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>