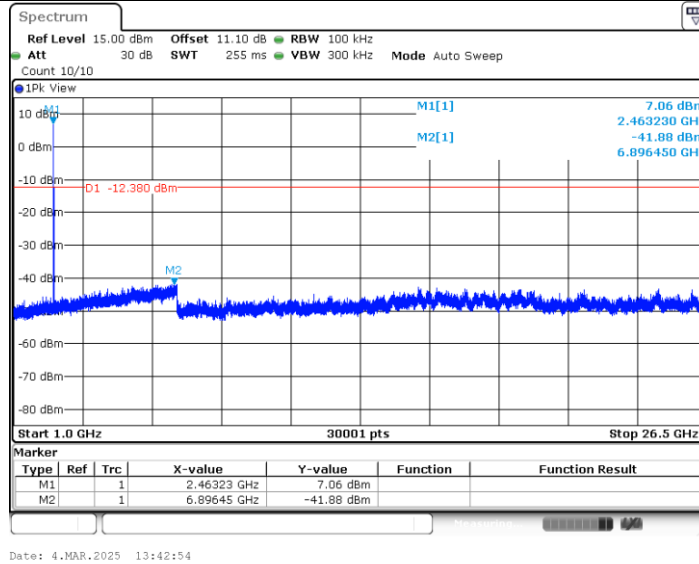
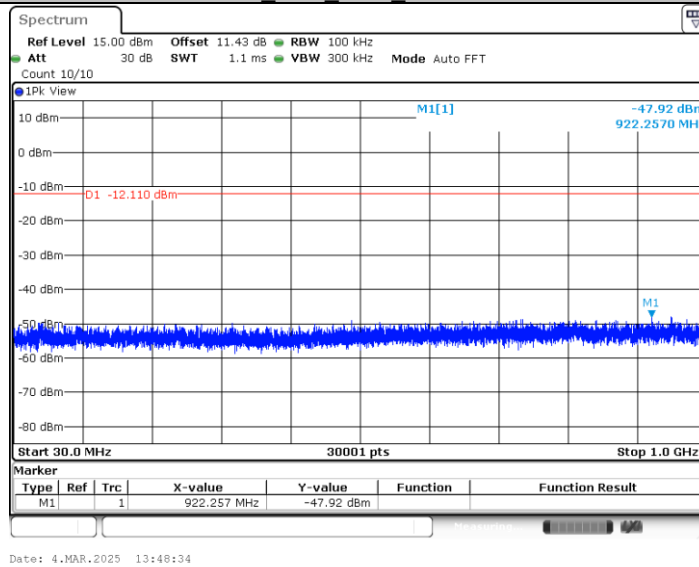
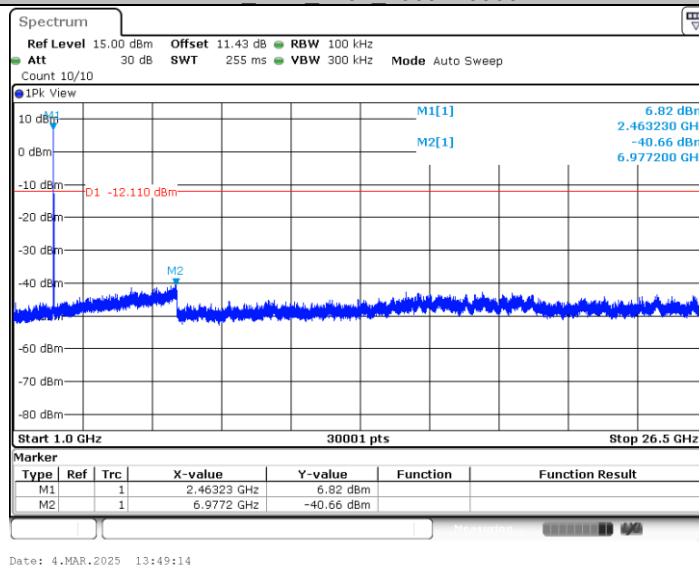




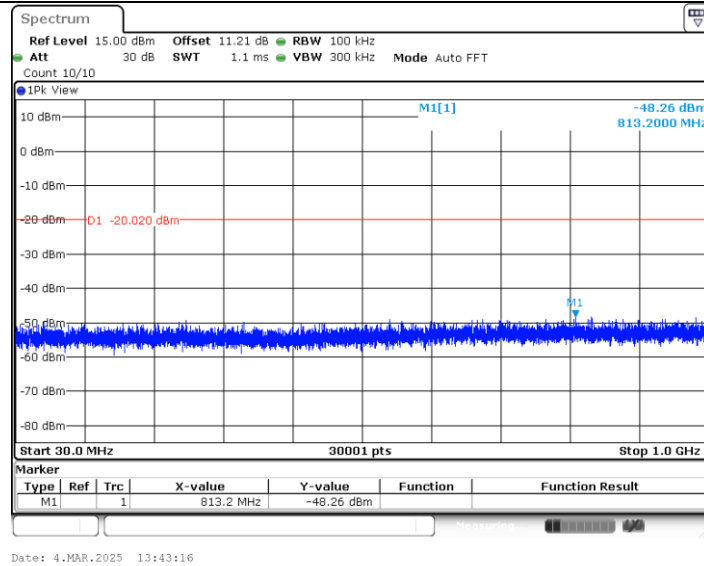
## 11B Ant2 2462 30~1000



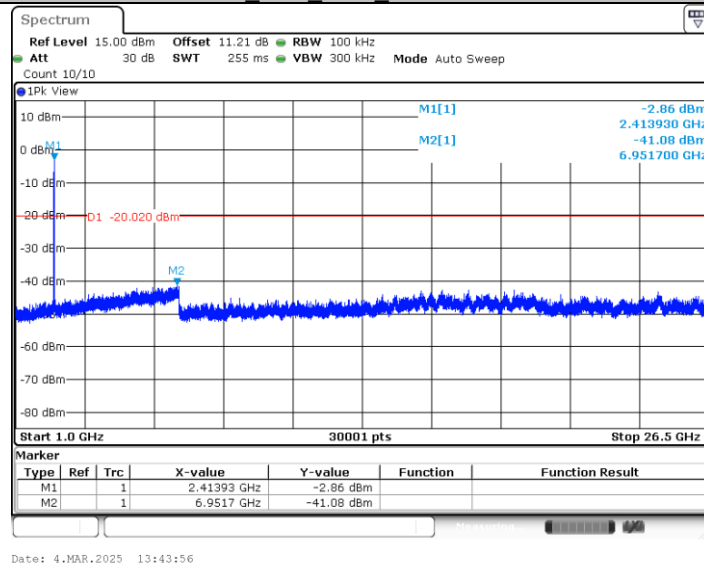
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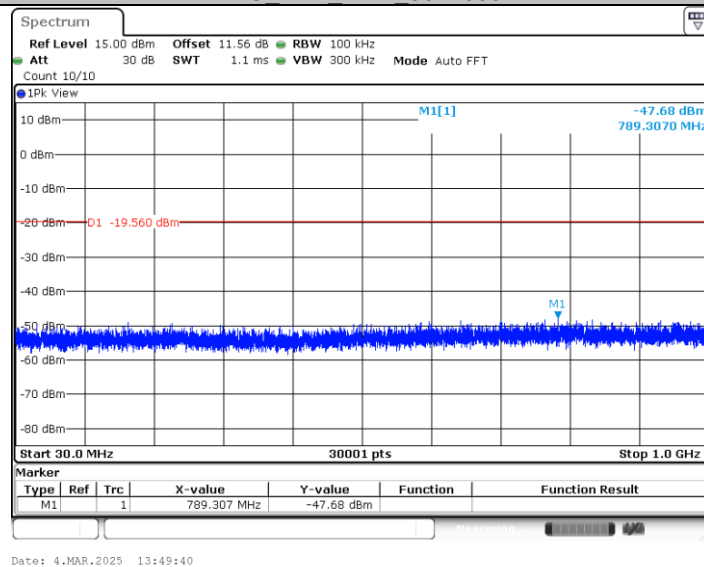
## 11G Ant1 2412 30~1000



## 11G Ant1 2412 1000~26500



## 11G Ant2 2412 30~1000



## 11G Ant2 2412 1000~26500

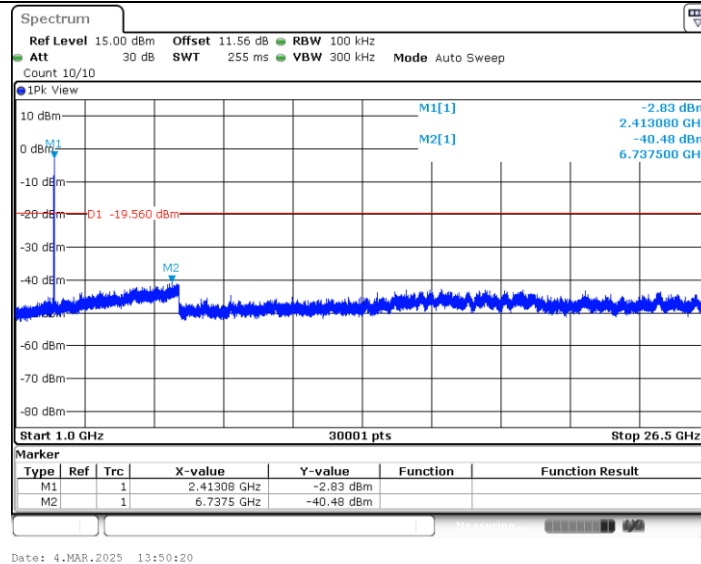
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Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

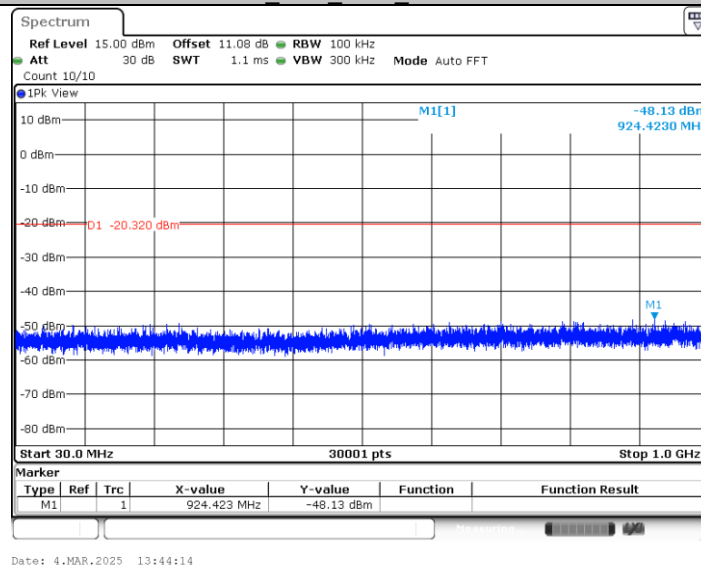
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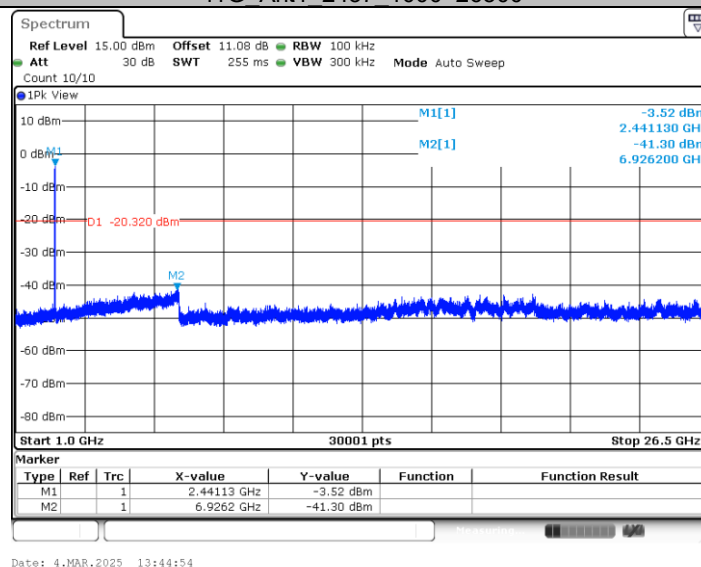
TRF No: CTC-TR-057\_A2



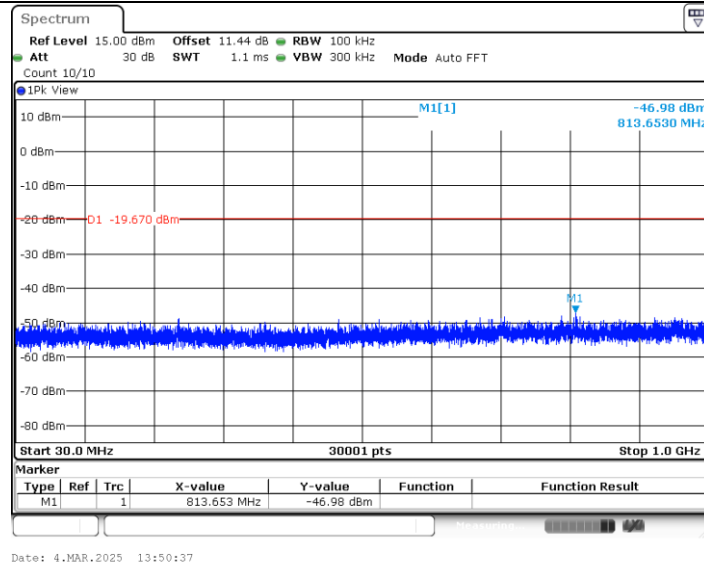
## 11G Ant1 2437 30~1000



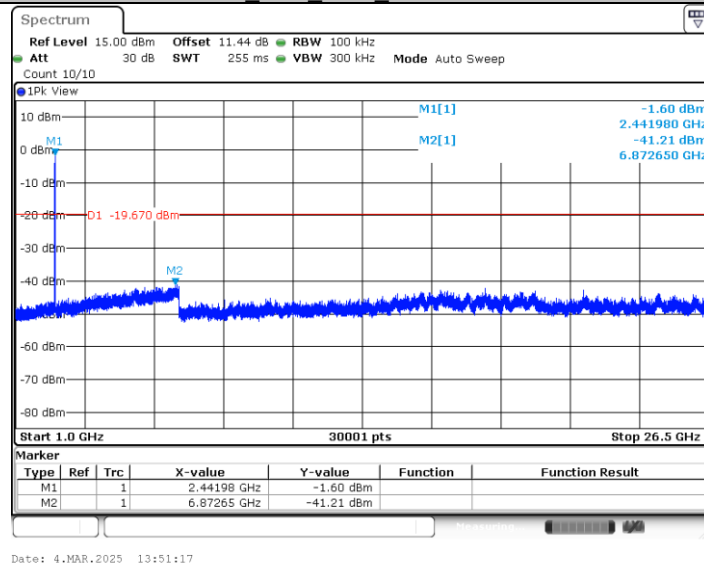
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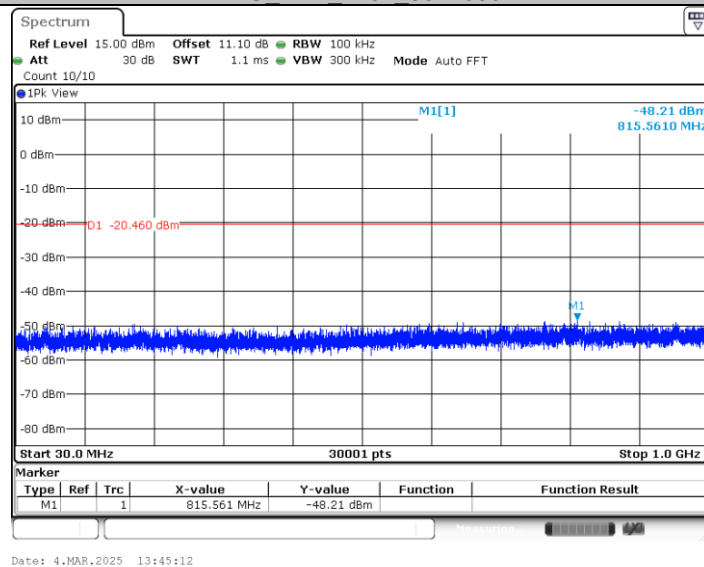
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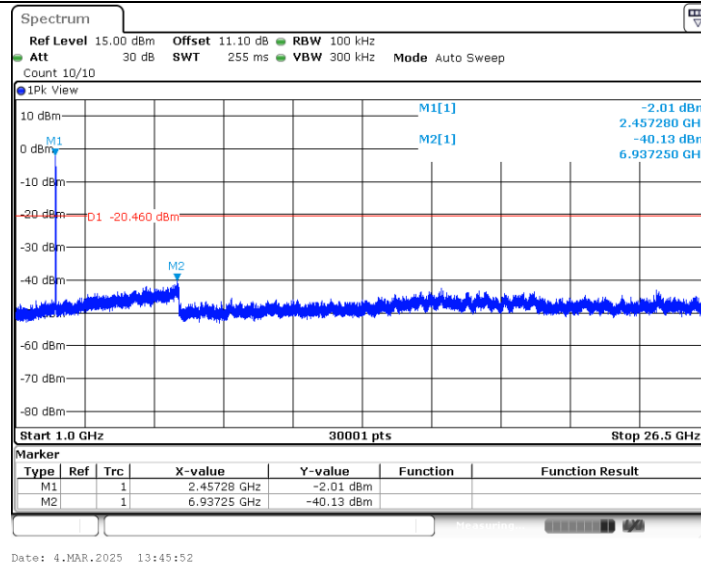
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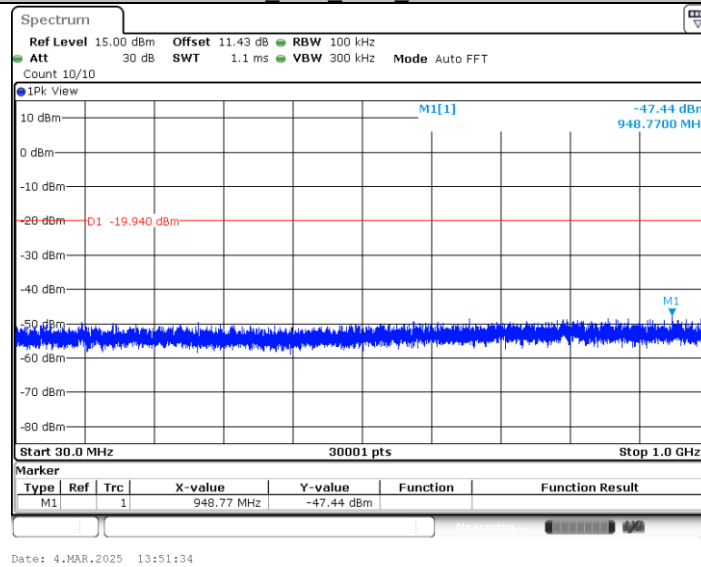
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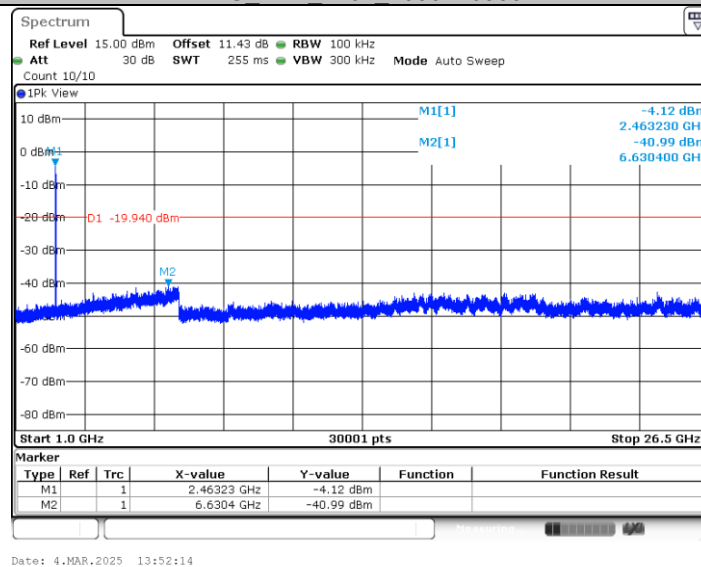
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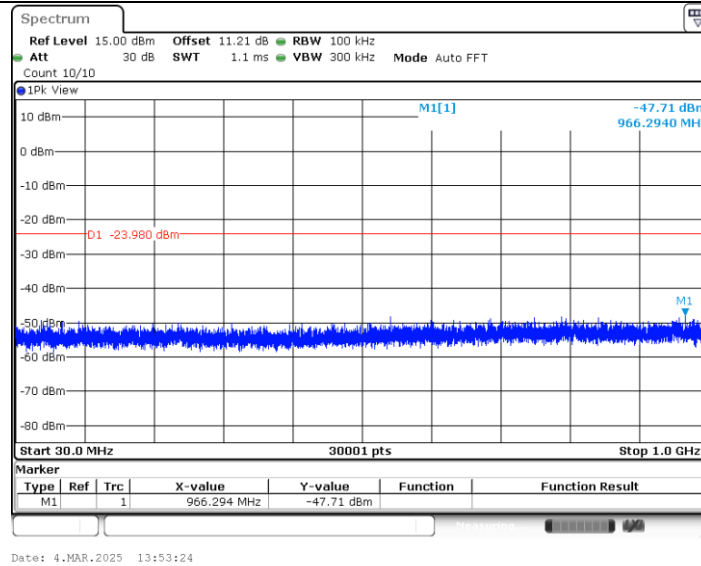
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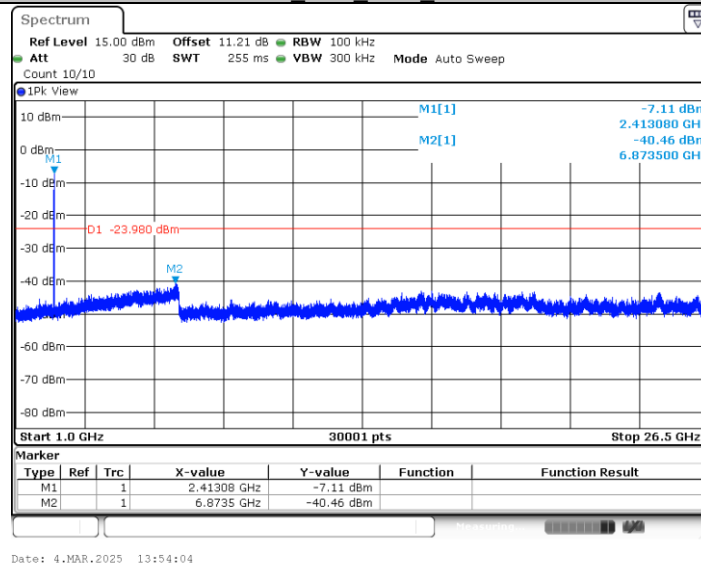
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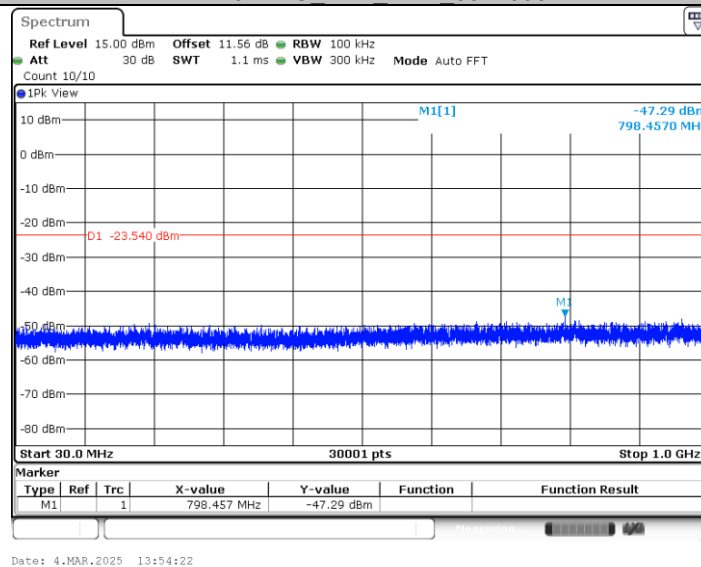
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## 11N20MIMO Ant1 2412 1000~26500



## 11N20MIMO Ant2 2412 30~1000



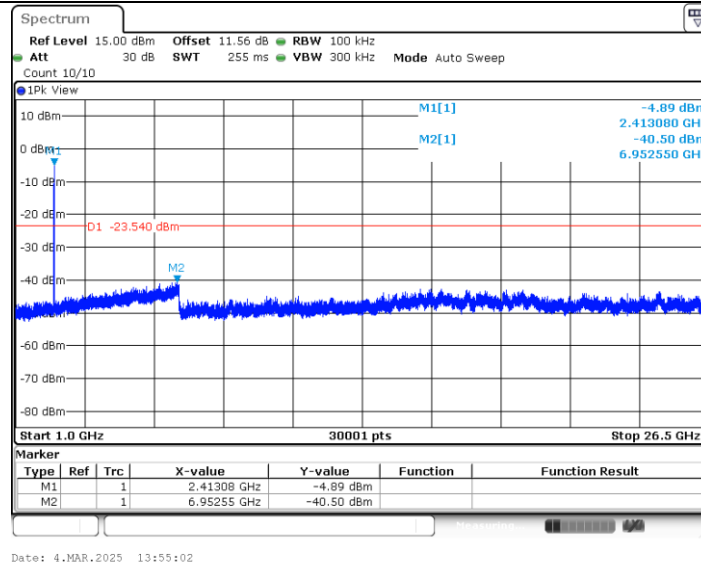
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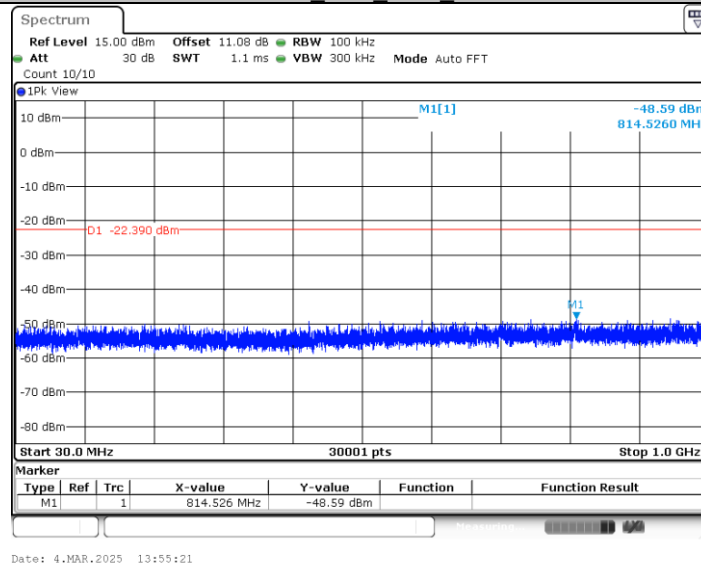
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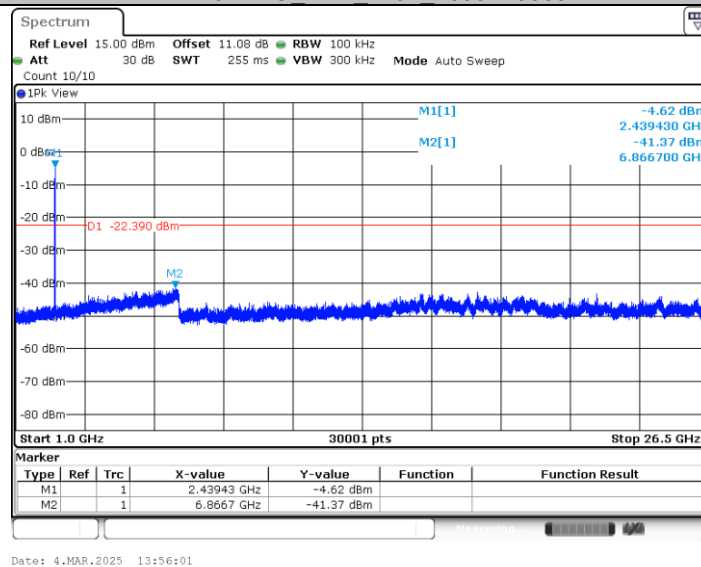
TRF No: CTC-TR-057\_A2



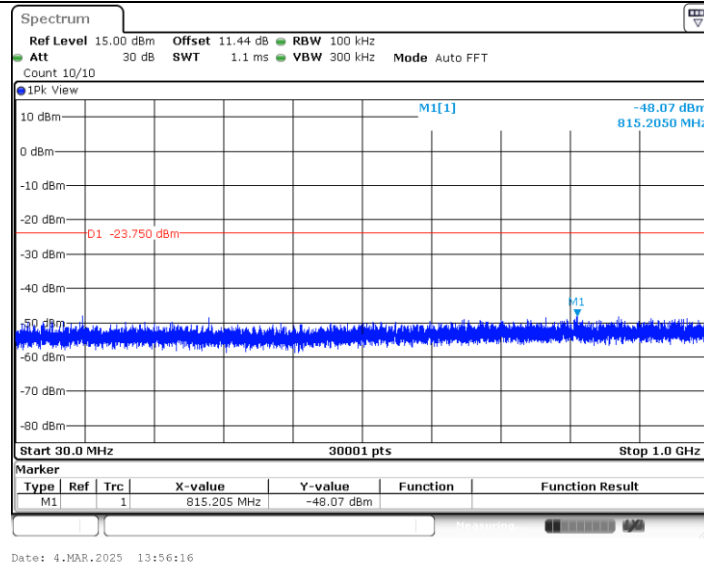
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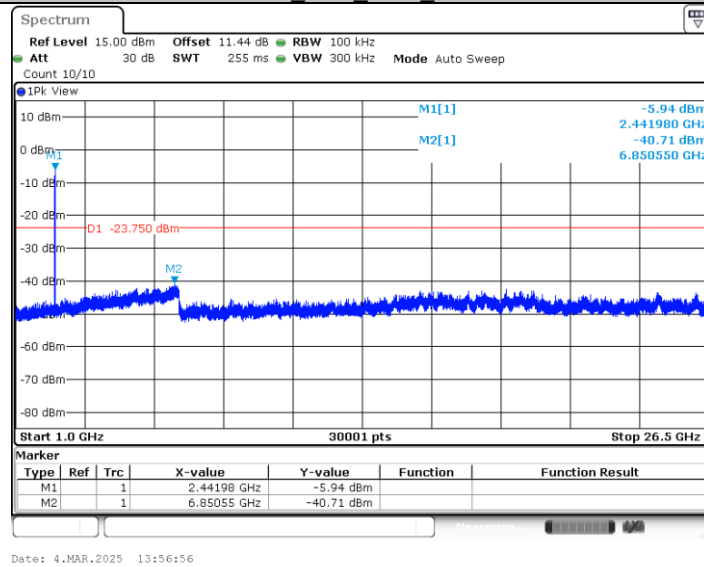
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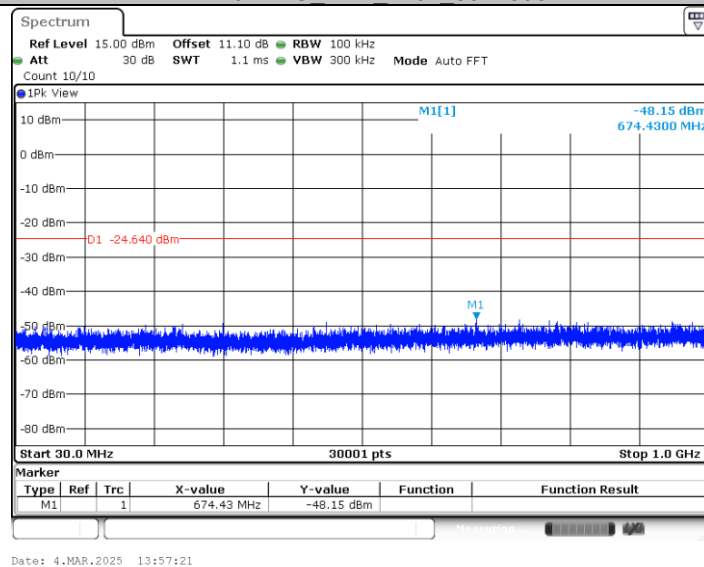
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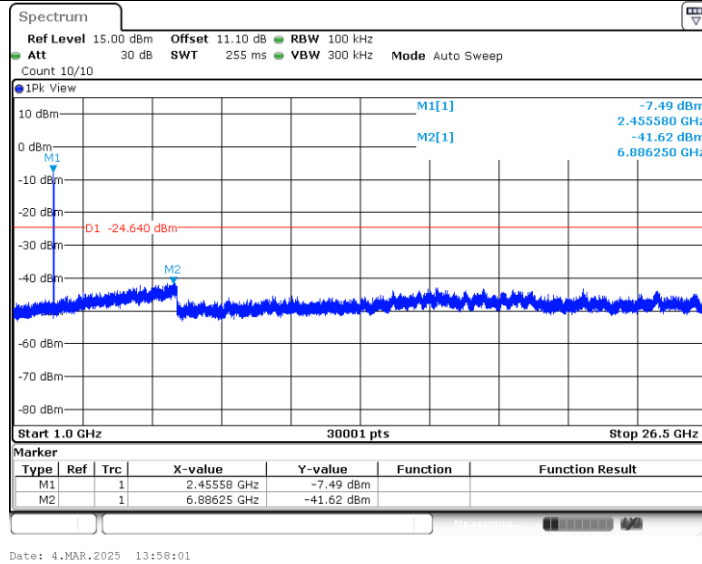
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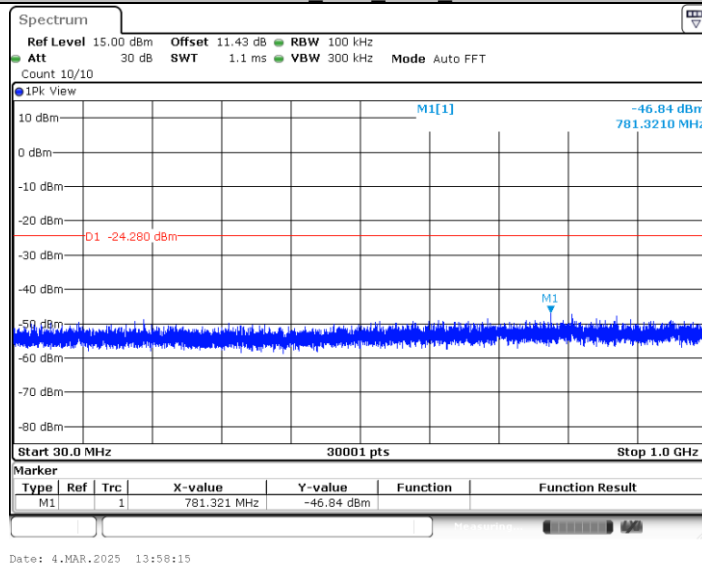
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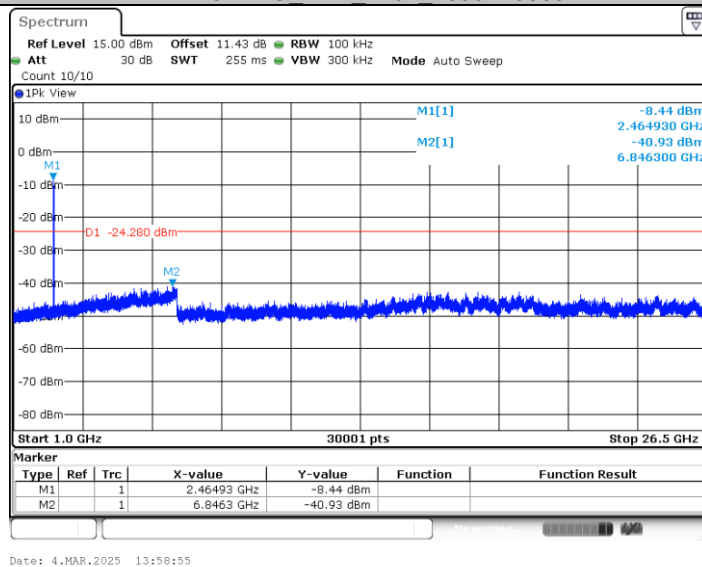
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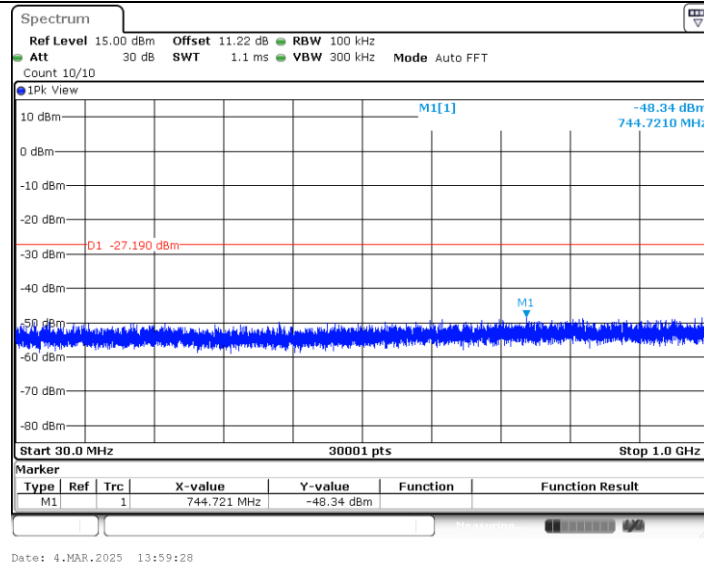
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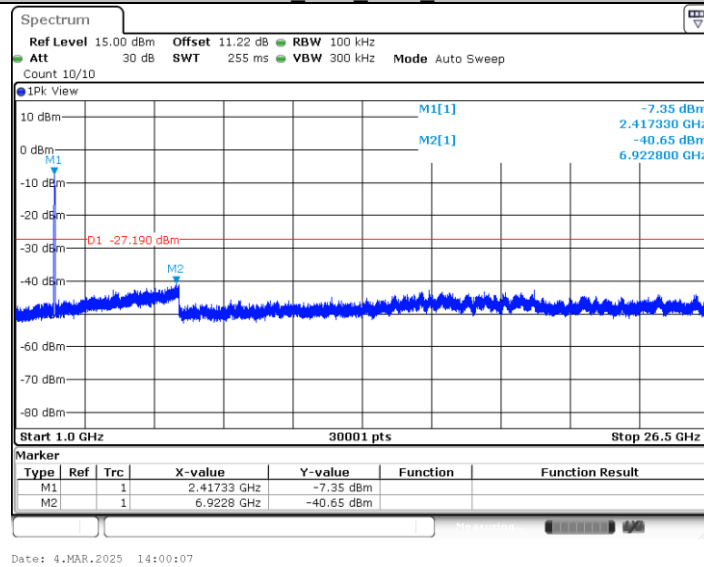
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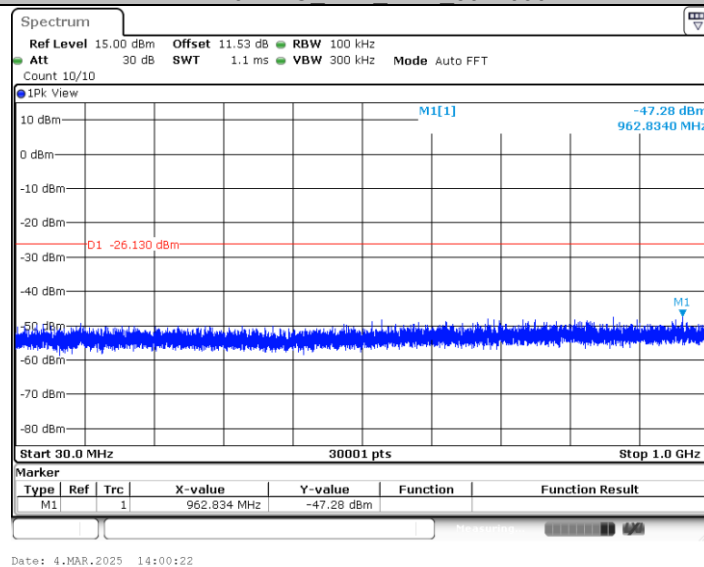
## 11N40MIMO Ant1 2422 30~1000



## 11N40MIMO Ant1 2422 1000~26500



## 11N40MIMO Ant2 2422 30~1000



## 11N40MIMO Ant2 2422 1000~26500

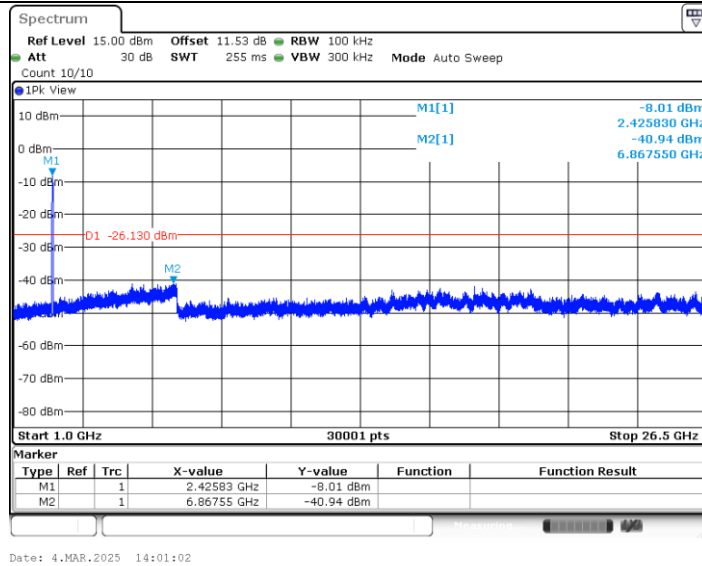
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Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

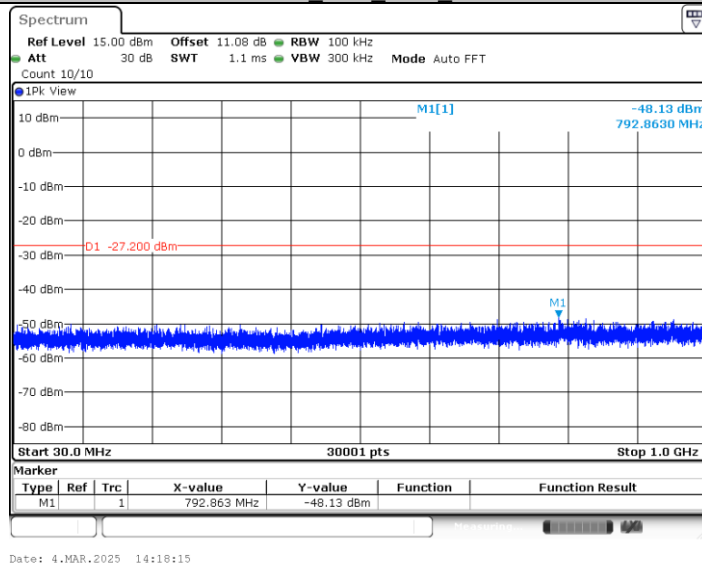
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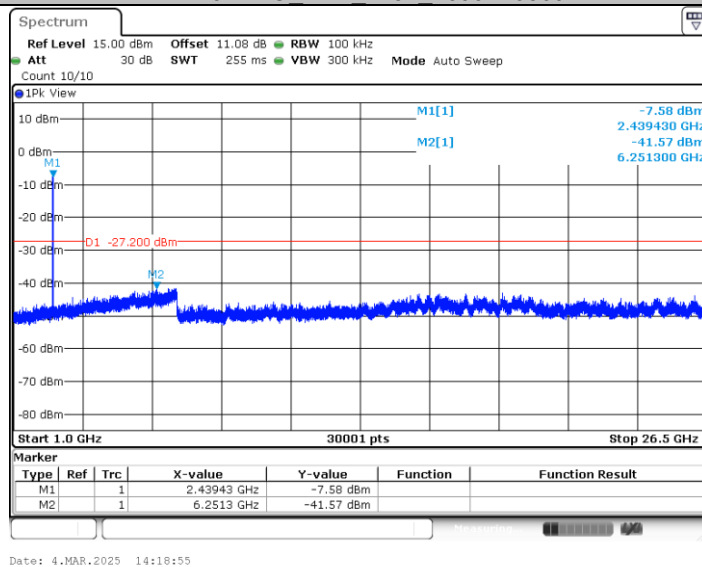
TRF No: CTC-TR-057\_A2



## 11N40MIMO Ant1 2437 30~1000



## 11N40MIMO Ant1 2437 1000~26500



## 11N40MIMO Ant2 2437 30~1000

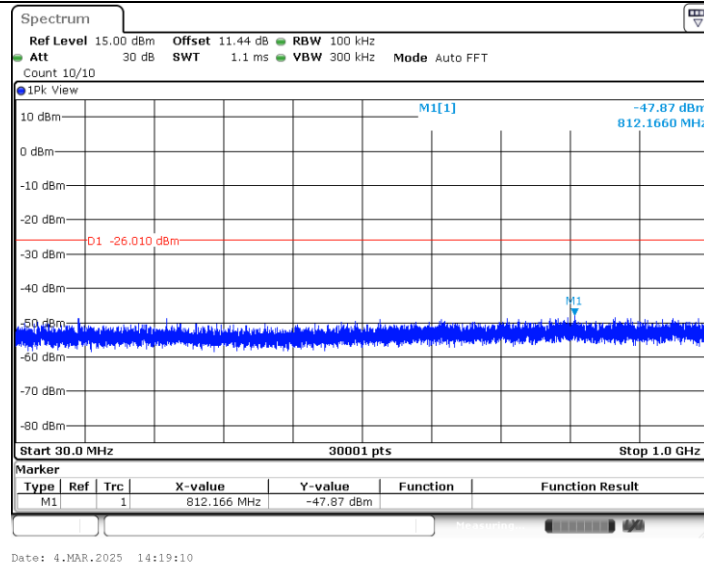
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Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

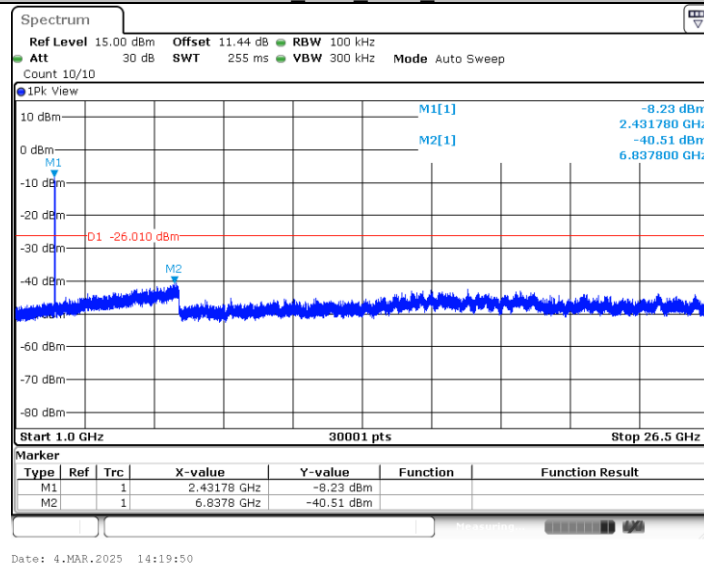
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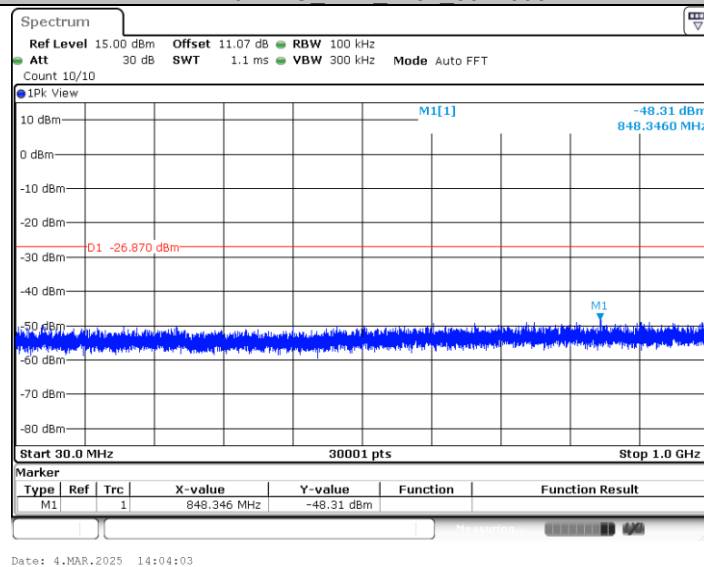
TRF No: CTC-TR-057\_A2



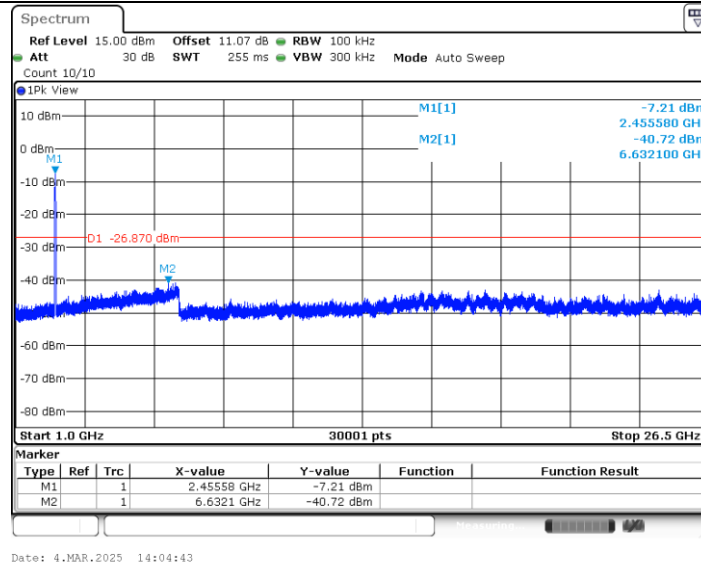
## 11N40MIMO Ant2 2437 1000~26500



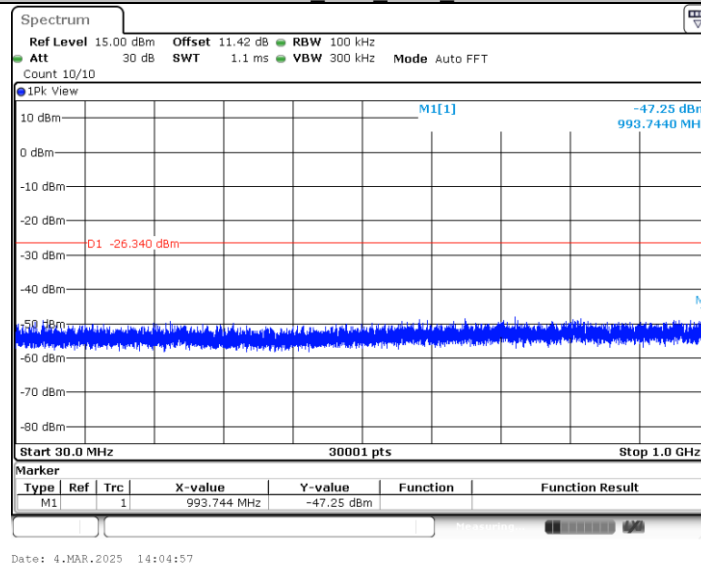
## 11N40MIMO Ant1 2452 30~1000



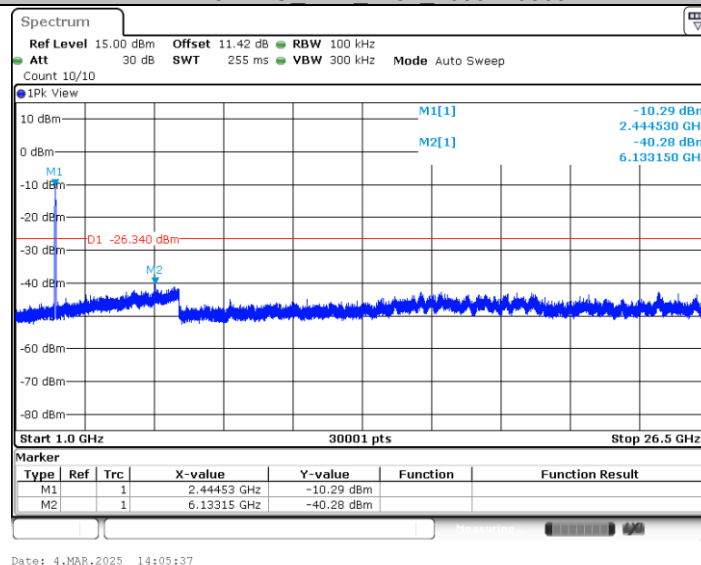
## 11N40MIMO Ant1 2452 1000~26500



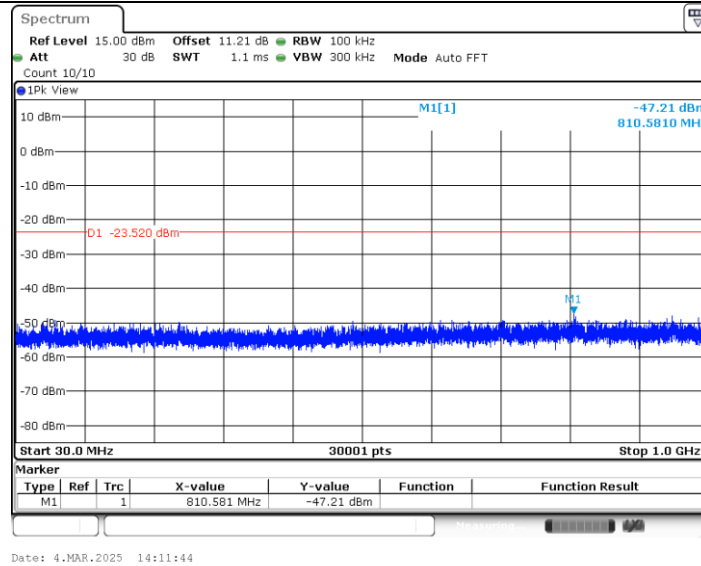
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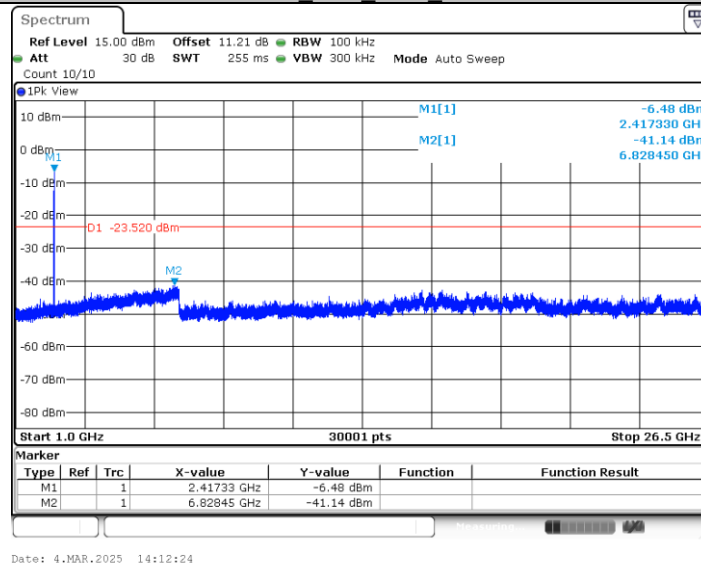
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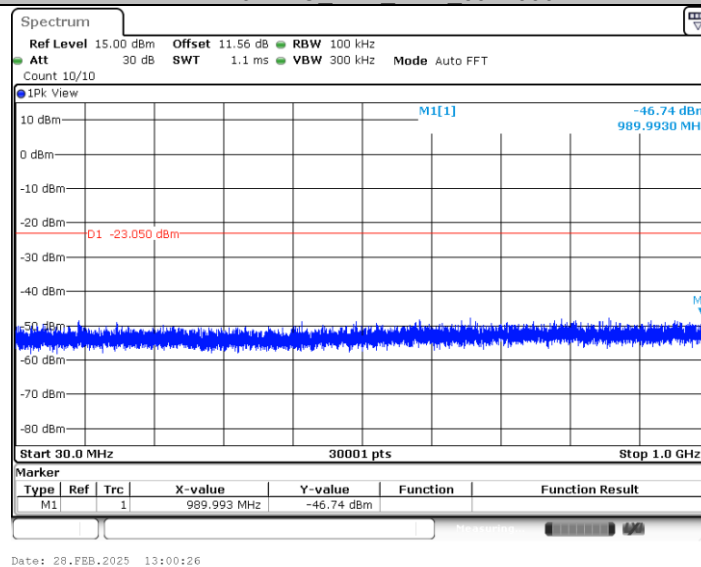
## 11AX20MIMO\_Ant1\_2412\_30~1000



## 11AX20MIMO Ant1 2412 1000~26500



## 11AX20MIMO Ant2 2412 30~1000



## 11AX20MIMO Ant2 2412 1000~26500

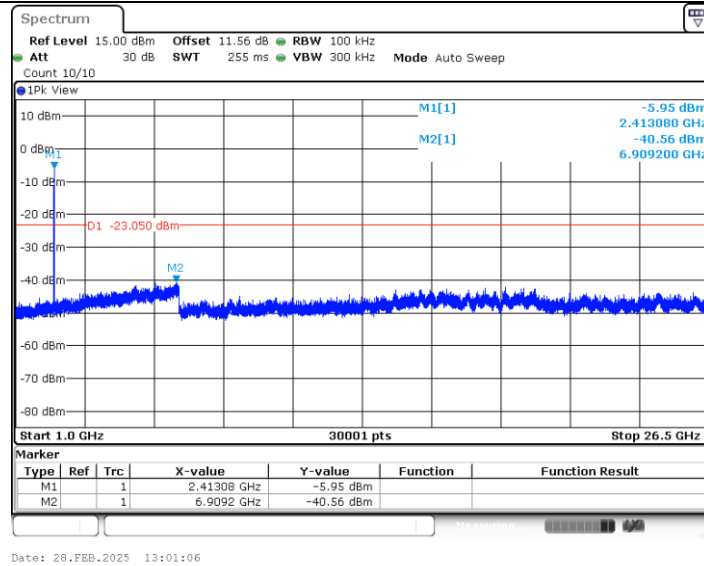
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Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

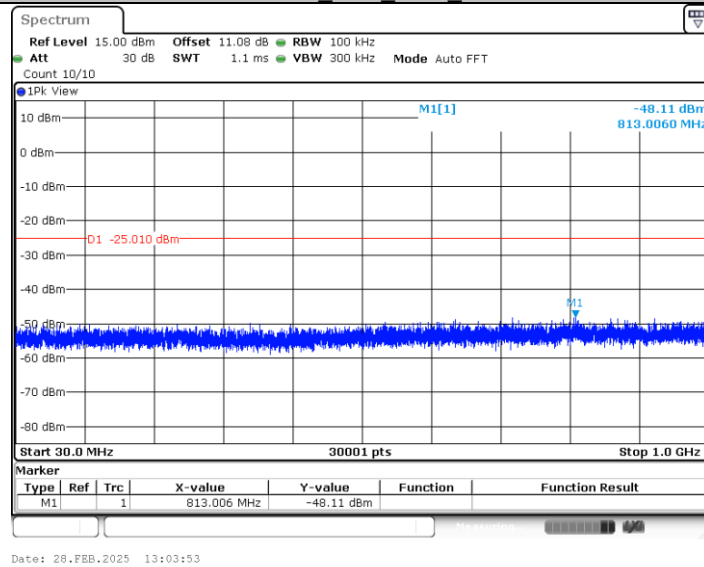
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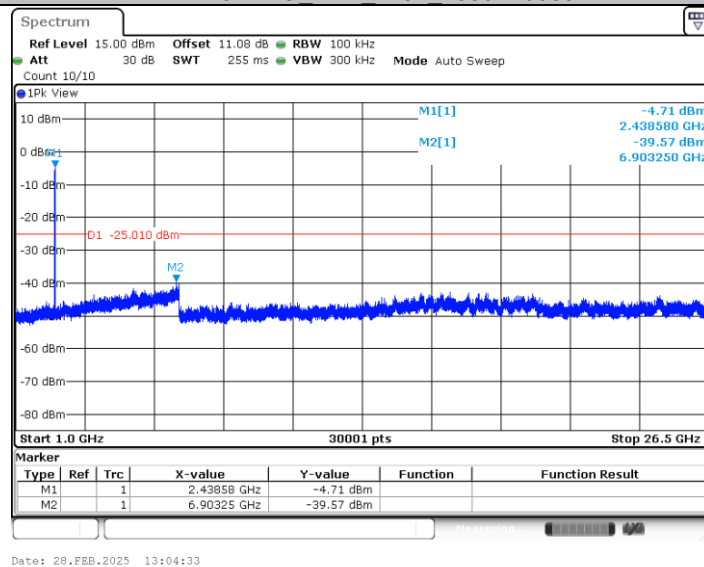
TRF No: CTC-TR-057\_A2



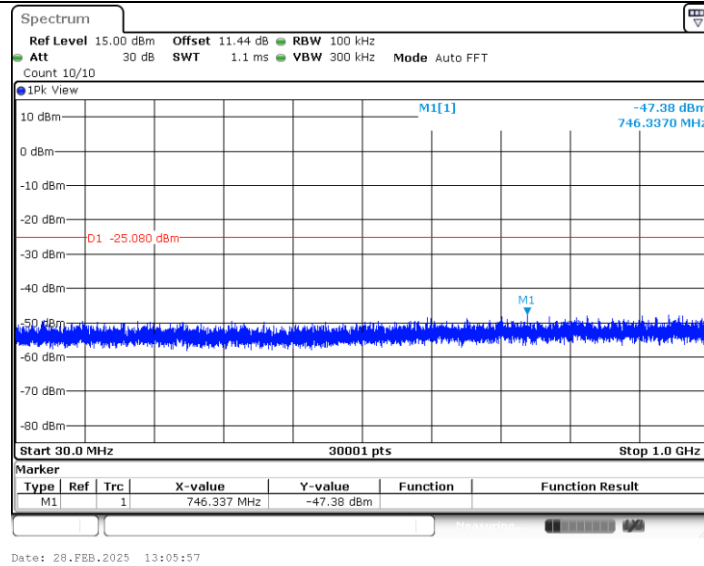
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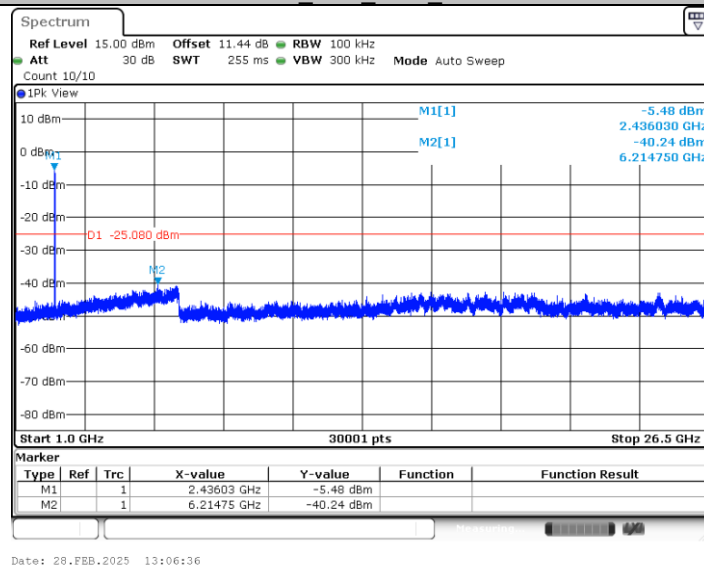
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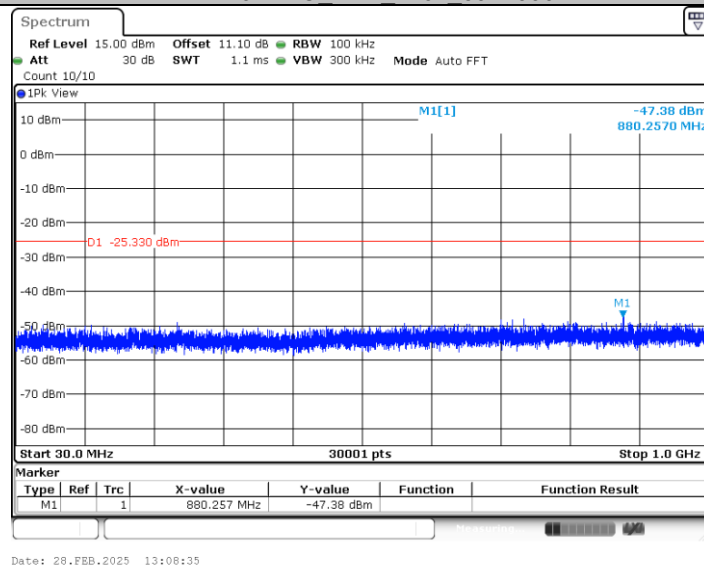
## 11AX20MIMO\_Ant2\_2437\_30~1000



## 11AX20MIMO Ant2 2437 1000~26500



## 11AX20MIMO Ant1 2462 30~1000



## 11AX20MIMO Ant1 2462 1000~26500

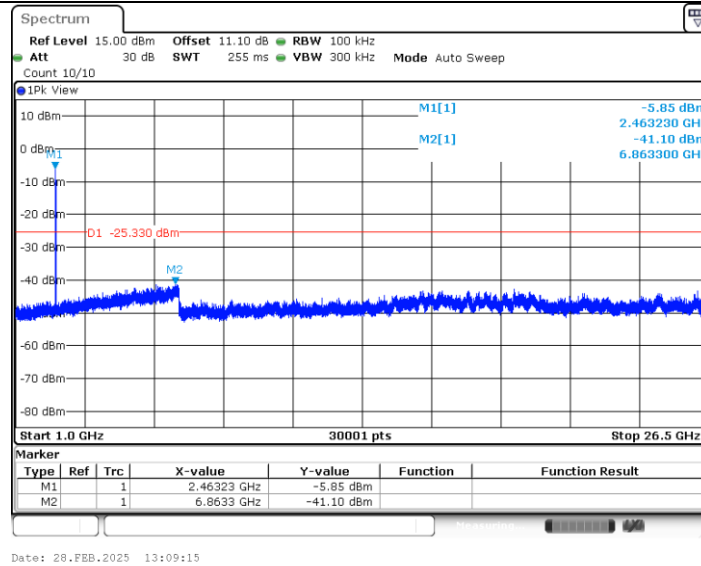
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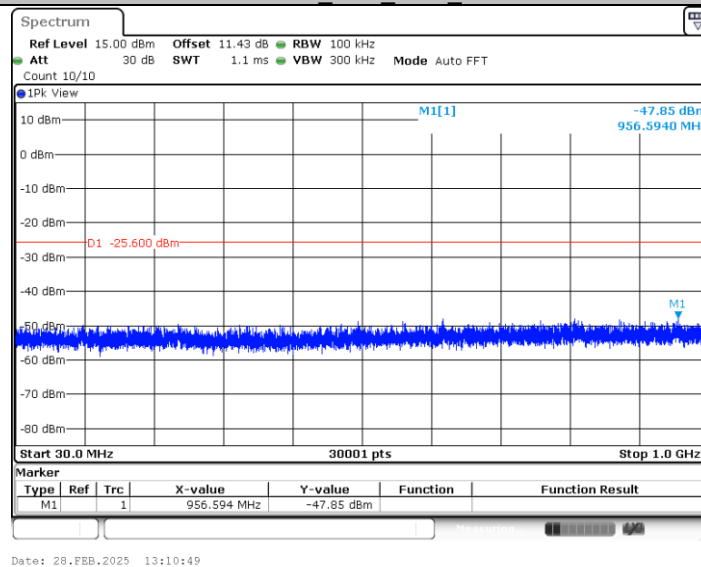
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Society : [yz.cncaq.com](http://yz.cncaq.com)

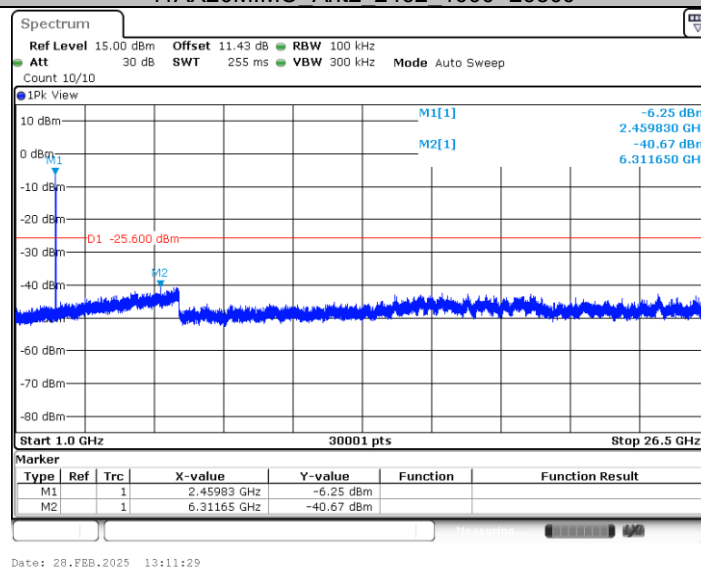
TRF No: CTC-TR-057\_A2



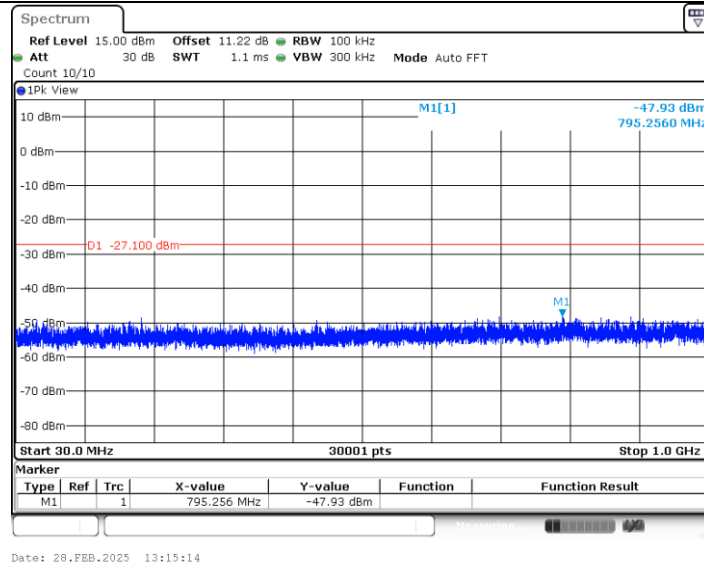
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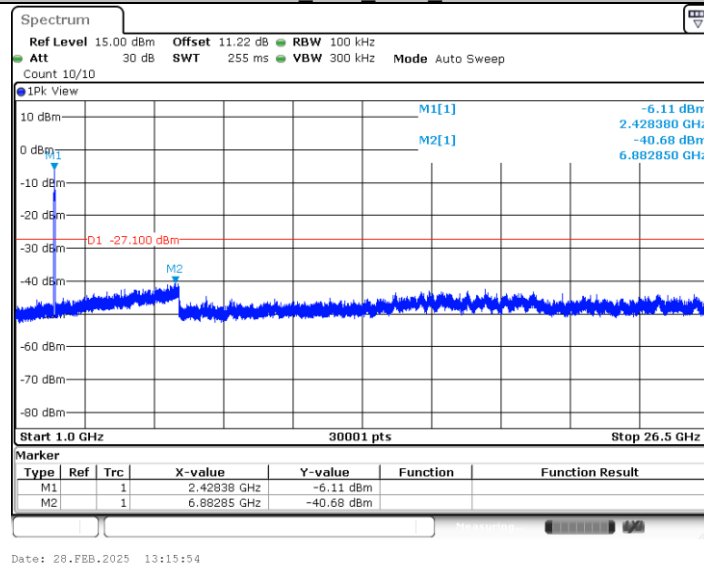
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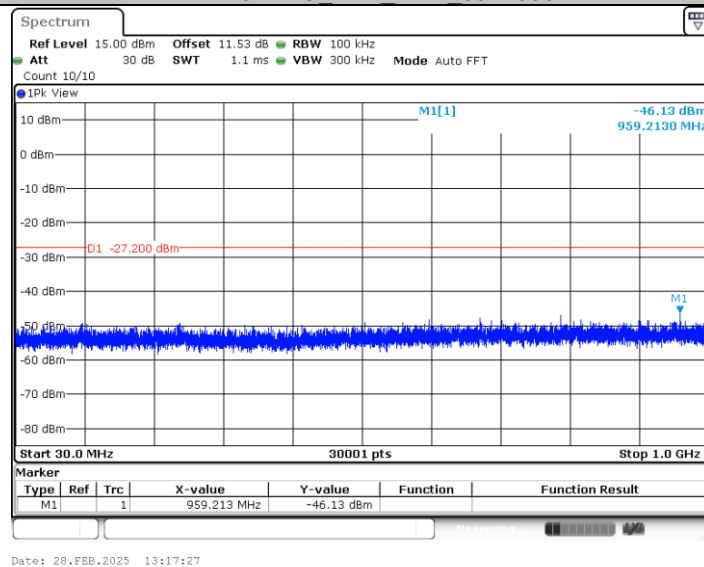
## 11AX40MIMO\_Ant1\_2422\_30~1000



## 11AX40MIMO Ant1 2422 1000~26500



## 11AX40MIMO Ant2 2422 30~1000



## 11AX40MIMO Ant2 2422 1000~26500

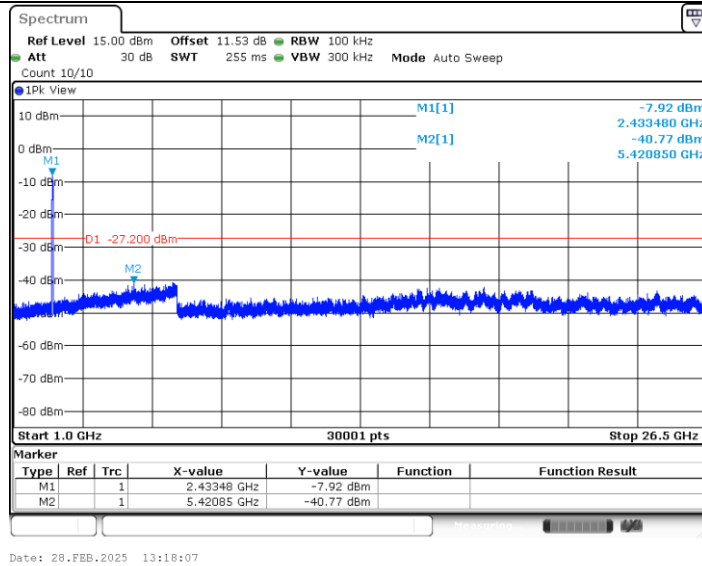
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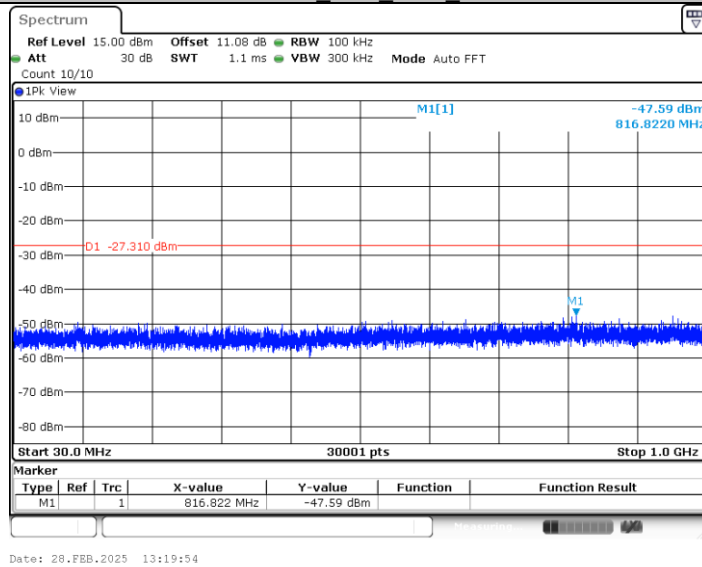
For anti-fake verification, please visit the official website of China Inspection And Testing

TRF No: CTC-TR-057\_A2

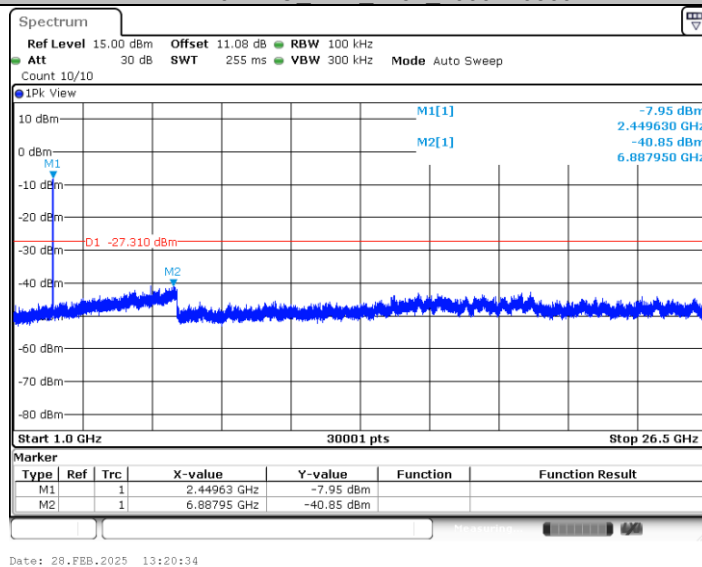
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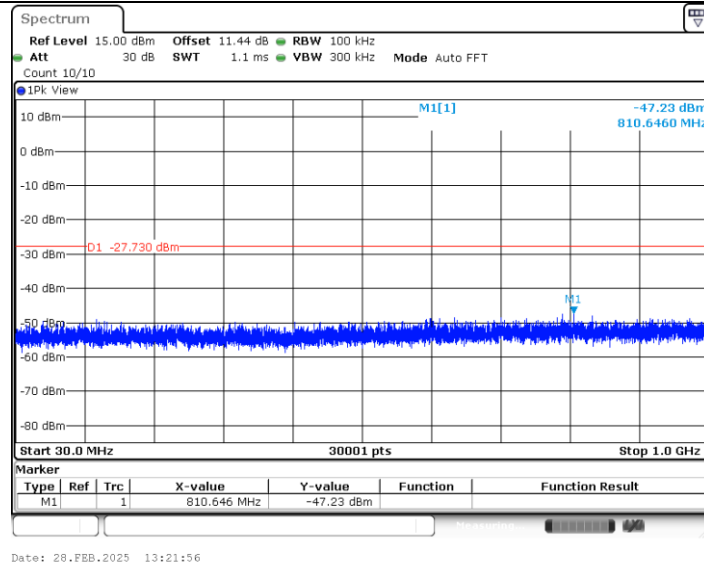
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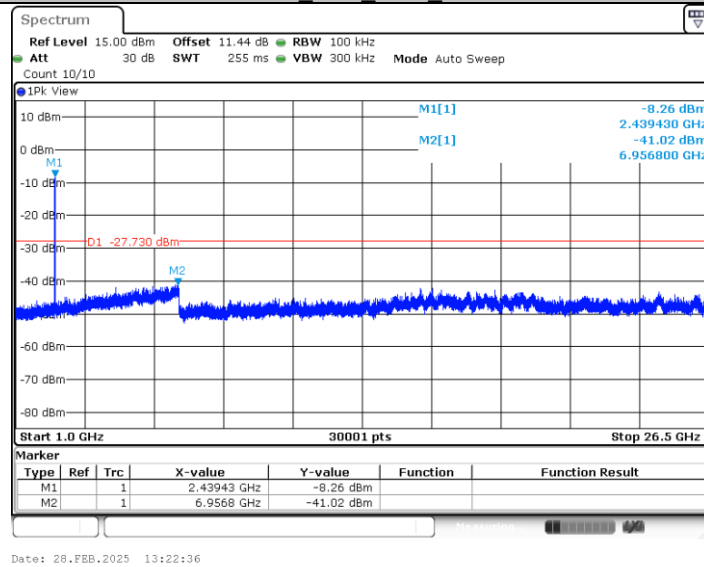
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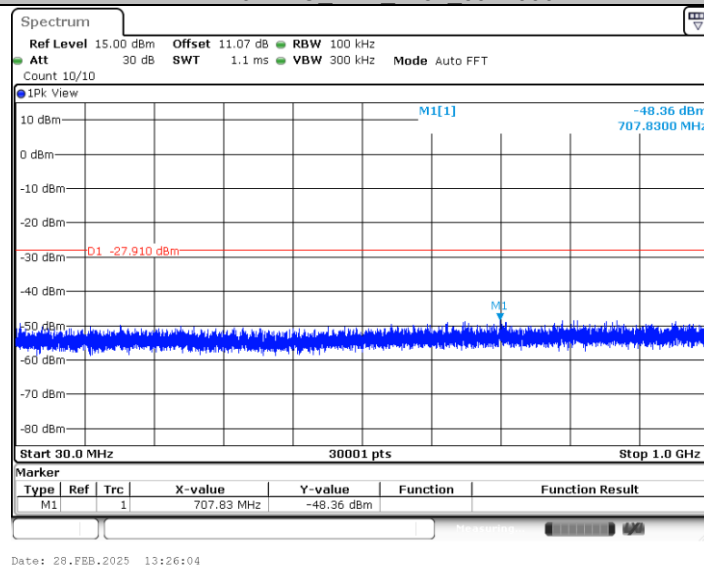
## 11AX40MIMO\_Ant2\_2437\_30~1000



## 11AX40MIMO Ant2 2437 1000~26500



## 11AX40MIMO Ant1 2452 30~1000



## 11AX40MIMO Ant1 2452 1000~26500

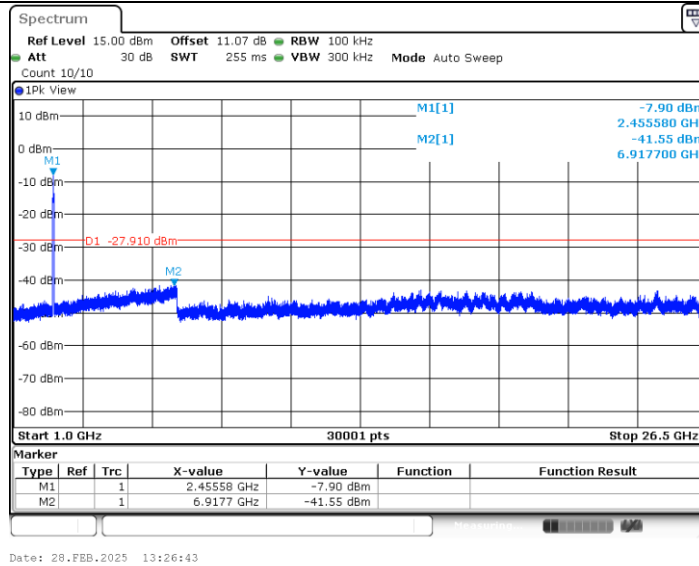
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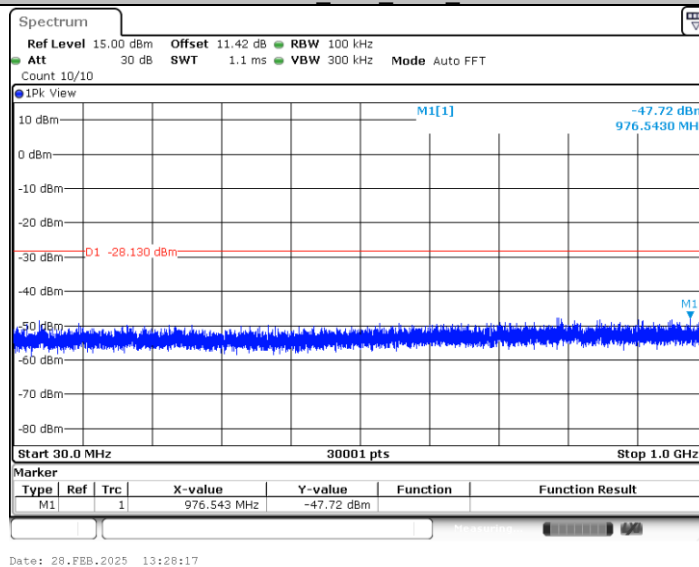
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Society : [yz.cncaq.com](http://yz.cncaq.com)

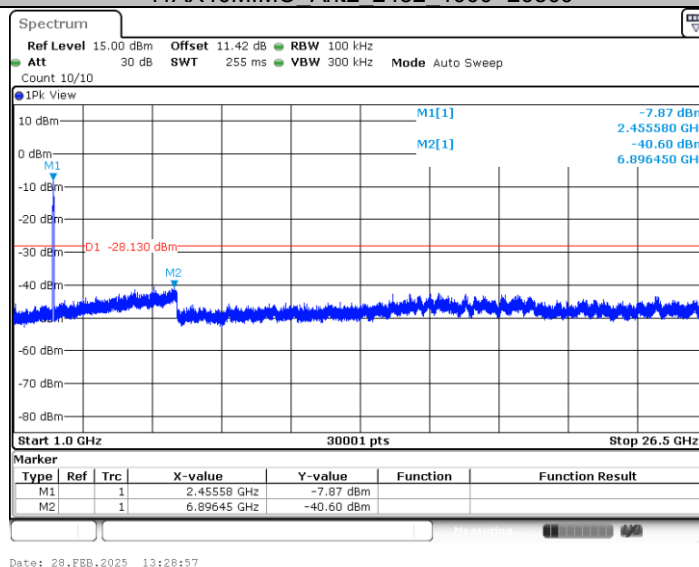
TRF No: CTC-TR-057\_A2



## 11AX40MIMO\_Ant2\_2452\_30~1000



## 11AX40MIMO\_Ant2\_2452\_1000~26500



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TRF No: CTC-TR-057\_A2



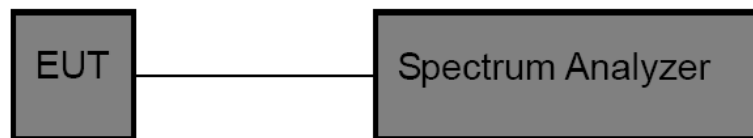
### 3.5. DTS Bandwidth

#### Limit

#### FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2)

| 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

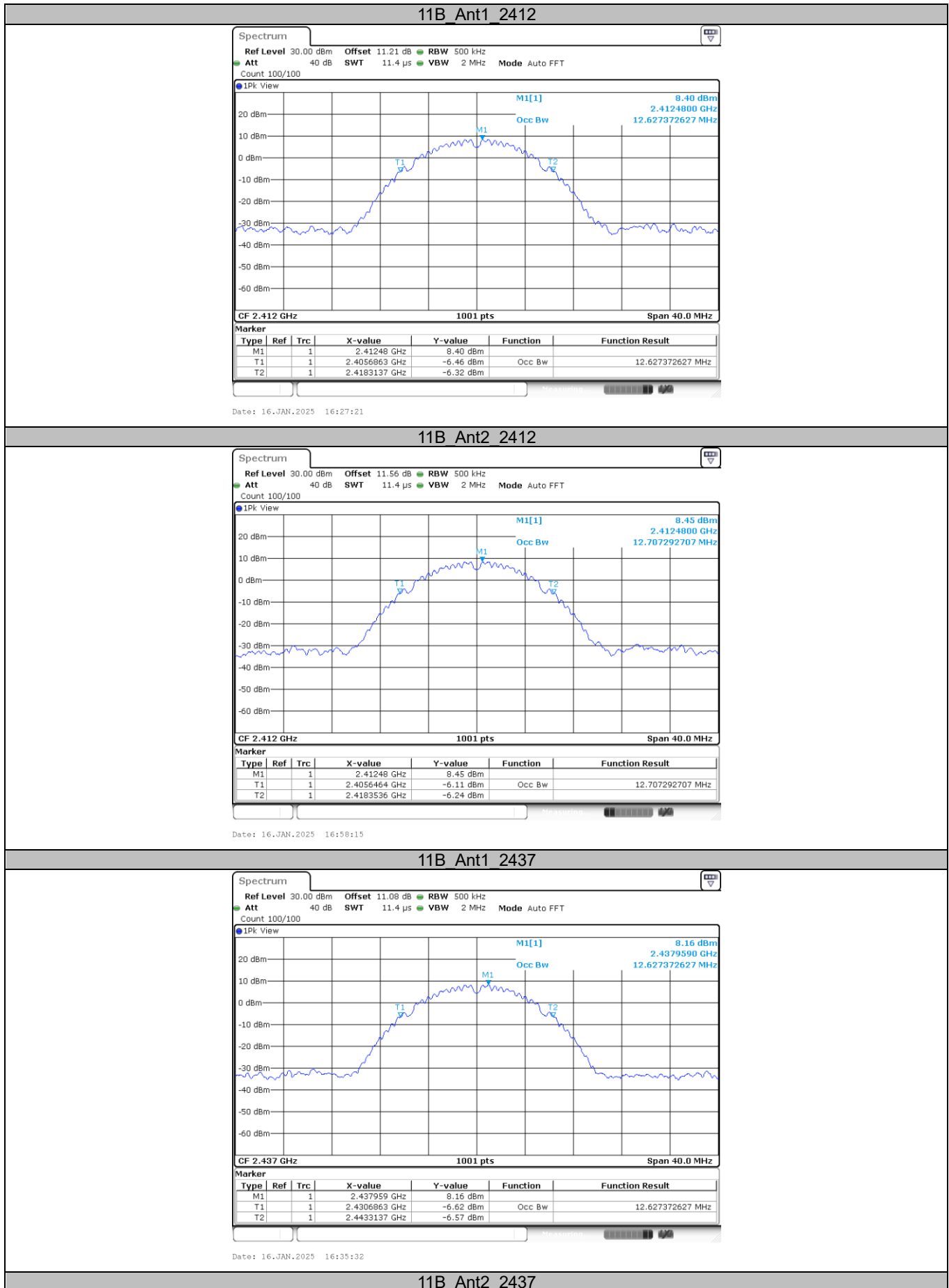
Please refer to the clause 2.4.

**Test Result**

| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|--------------|---------|---------|------------|---------|
| 11B        | Ant1    | 2412           | 12.627    | 8.08         | 2407.96 | 2416.04 | 0.5        | PASS    |
|            | Ant2    | 2412           | 12.707    | 8.04         | 2407.96 | 2416.00 | 0.5        | PASS    |
|            | Ant1    | 2437           | 12.627    | 7.56         | 2433.44 | 2441.00 | 0.5        | PASS    |
|            | Ant2    | 2437           | 12.707    | 7.56         | 2433.44 | 2441.00 | 0.5        | PASS    |
|            | Ant1    | 2462           | 12.667    | 8.04         | 2457.96 | 2466.00 | 0.5        | PASS    |
|            | Ant2    | 2462           | 12.667    | 8.04         | 2457.96 | 2466.00 | 0.5        | PASS    |
| 11G        | Ant1    | 2412           | 16.823    | 16.04        | 2404.08 | 2420.12 | 0.5        | PASS    |
|            | Ant2    | 2412           | 16.823    | 14.44        | 2403.84 | 2418.28 | 0.5        | PASS    |
|            | Ant1    | 2437           | 17.463    | 15.12        | 2429.44 | 2444.56 | 0.5        | PASS    |
|            | Ant2    | 2437           | 17.063    | 16.44        | 2428.76 | 2445.20 | 0.5        | PASS    |
|            | Ant1    | 2462           | 17.463    | 15.32        | 2454.24 | 2469.56 | 0.5        | PASS    |
|            | Ant2    | 2462           | 17.303    | 16.36        | 2453.80 | 2470.16 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 2412           | 17.862    | 16.56        | 2403.84 | 2420.40 | 0.5        | PASS    |
|            | Ant2    | 2412           | 17.742    | 14.44        | 2405.68 | 2420.12 | 0.5        | PASS    |
|            | Ant1    | 2437           | 18.541    | 17.56        | 2428.20 | 2445.76 | 0.5        | PASS    |
|            | Ant2    | 2437           | 18.621    | 17.56        | 2428.20 | 2445.76 | 0.5        | PASS    |
|            | Ant1    | 2462           | 18.661    | 16.36        | 2453.20 | 2469.56 | 0.5        | PASS    |
|            | Ant2    | 2462           | 18.102    | 17.56        | 2453.20 | 2470.76 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 2422           | 35.884    | 35.04        | 2404.48 | 2439.52 | 0.5        | PASS    |
|            | Ant2    | 2422           | 36.204    | 35.12        | 2404.40 | 2439.52 | 0.5        | PASS    |
|            | Ant1    | 2437           | 36.204    | 30.00        | 2419.48 | 2449.48 | 0.5        | PASS    |
|            | Ant2    | 2437           | 36.044    | 35.52        | 2419.24 | 2454.76 | 0.5        | PASS    |
|            | Ant1    | 2452           | 36.124    | 35.68        | 2433.84 | 2469.52 | 0.5        | PASS    |
|            | Ant2    | 2452           | 35.724    | 35.12        | 2434.40 | 2469.52 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 2412           | 18.981    | 17.84        | 2403.44 | 2421.28 | 0.5        | PASS    |
|            | Ant2    | 2412           | 18.981    | 17.56        | 2403.48 | 2421.04 | 0.5        | PASS    |
|            | Ant1    | 2437           | 18.901    | 18.32        | 2428.20 | 2446.52 | 0.5        | PASS    |
|            | Ant2    | 2437           | 19.101    | 18.68        | 2427.72 | 2446.40 | 0.5        | PASS    |
|            | Ant1    | 2462           | 19.421    | 15.64        | 2453.96 | 2469.60 | 0.5        | PASS    |
|            | Ant2    | 2462           | 19.101    | 16.84        | 2454.44 | 2471.28 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 2422           | 37.642    | 35.20        | 2404.40 | 2439.60 | 0.5        | PASS    |
|            | Ant2    | 2422           | 37.642    | 36.48        | 2404.40 | 2440.88 | 0.5        | PASS    |
|            | Ant1    | 2437           | 37.562    | 33.92        | 2421.88 | 2455.80 | 0.5        | PASS    |
|            | Ant2    | 2437           | 37.642    | 36.32        | 2419.48 | 2455.80 | 0.5        | PASS    |
|            | Ant1    | 2452           | 37.562    | 37.76        | 2433.20 | 2470.96 | 0.5        | PASS    |
|            | Ant2    | 2452           | 37.562    | 27.36        | 2443.20 | 2470.56 | 0.5        | PASS    |



99% Bandwidth:



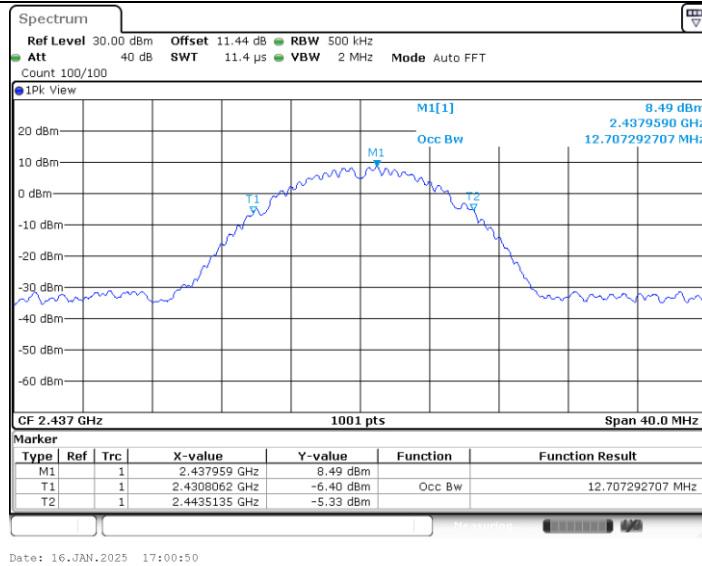
CTC Laboratories, Inc.

Room 107, 108, 207, 208, 303 of Building A, Room 101 of 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

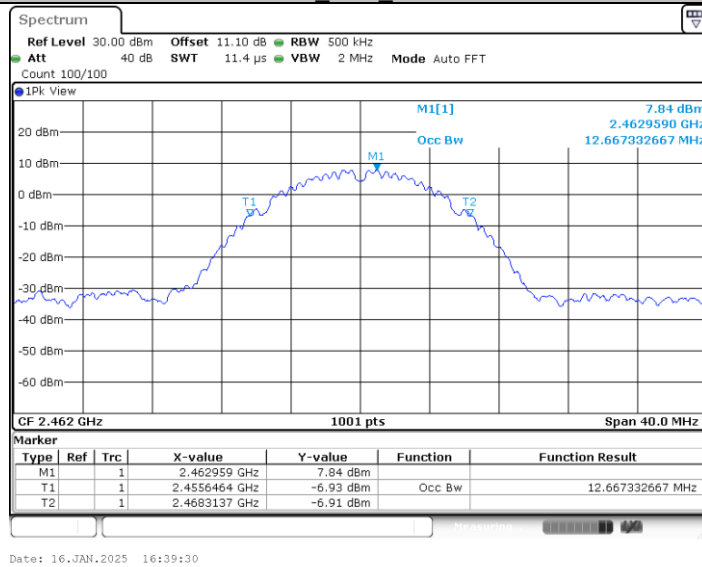
For anti-fake verification, please visit the official website of China Inspection And Testing

TRF No: CTC-TR-057\_A2

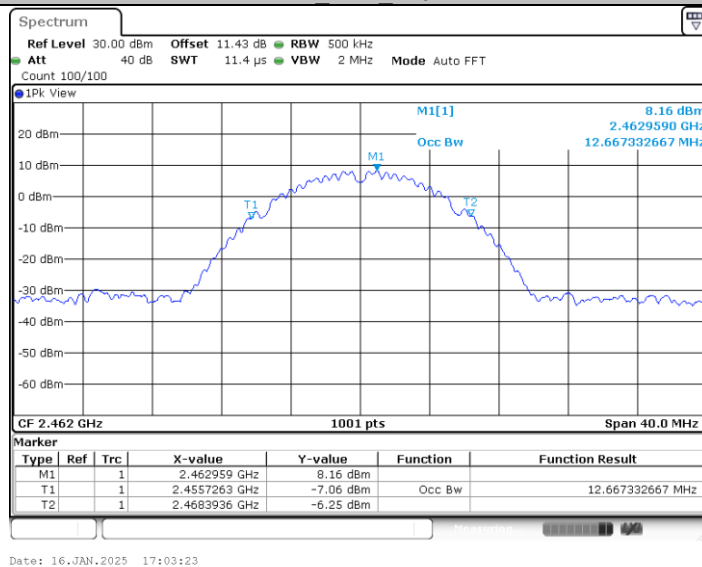
Society : [yz.cncaq.com](http://yz.cncaq.com)



## 11B Ant1 2462



## 11B Ant2 2462



## 11G Ant1 2412

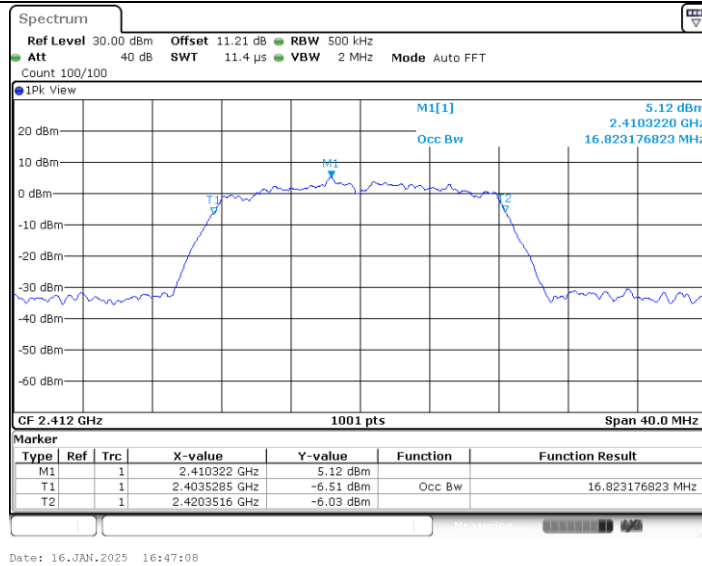
CTC Laboratories, Inc.

Room 107, 108, 207, 208, 303 of Building A, Room 101 of 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

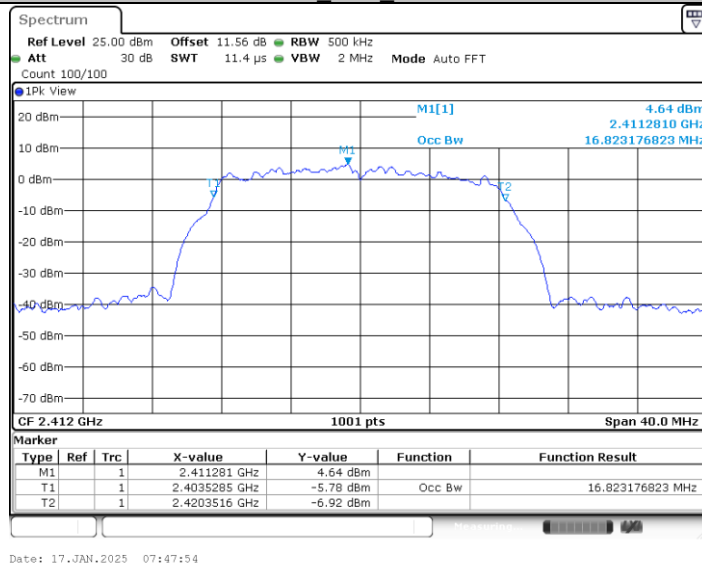
For anti-fake verification, please visit the official website of China Inspection And Testing

Society : [yz.cncaq.com](http://yz.cncaq.com)

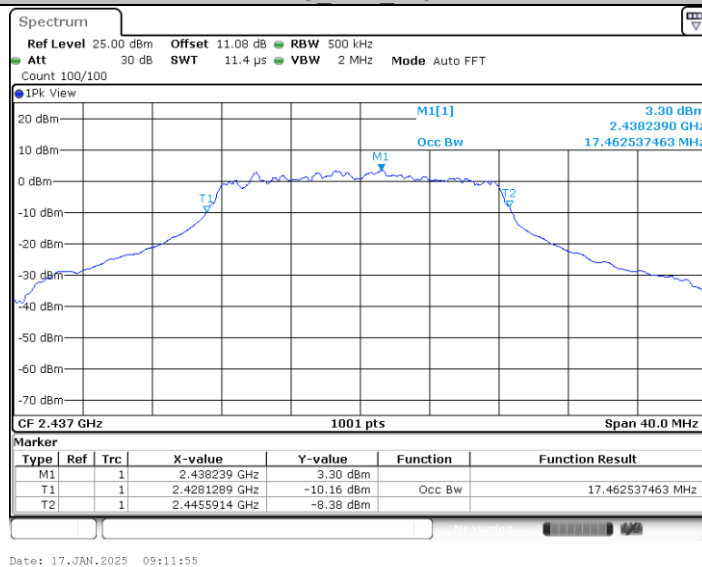
TRF No: CTC-TR-057\_A2



## 11G Ant2 2412



## 11G Ant1 2437



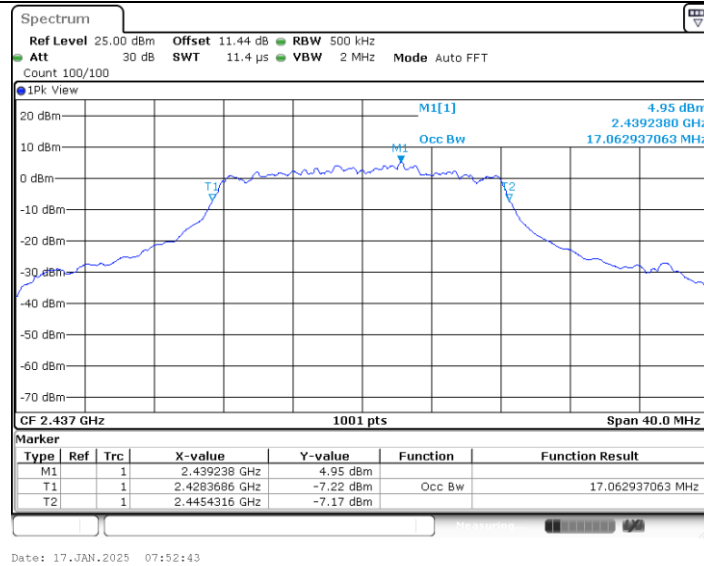
## 11G Ant2 2437

CTC Laboratories, Inc.

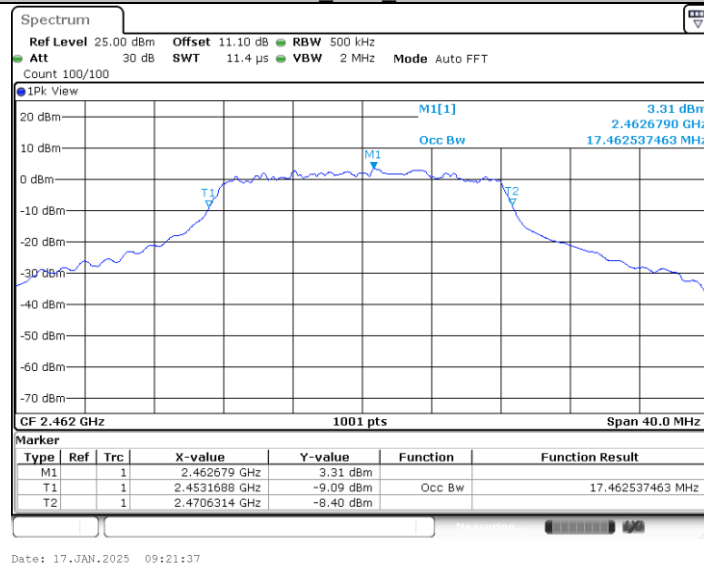
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict,  
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

For anti-fake verification, please visit the official website of China Inspection And Testing  
Society : [yz.cncaq.com](http://yz.cncaq.com)

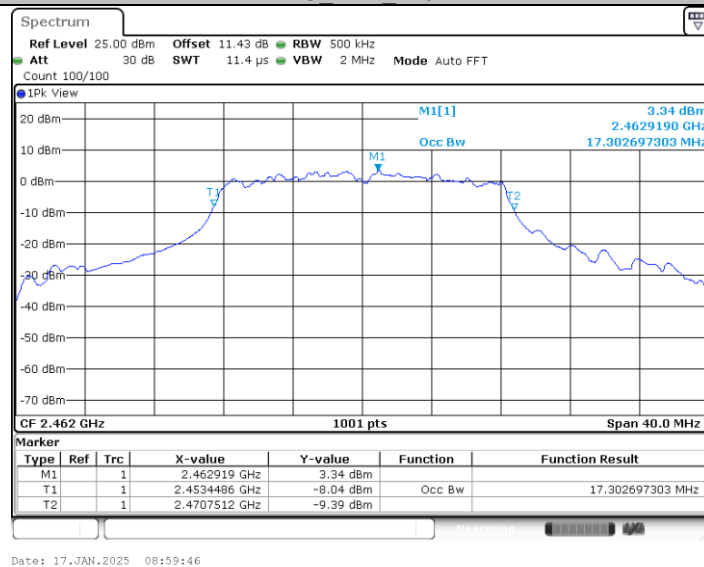
TRF No: CTC-TR-057\_A2



## 11G Ant1 2462



## 11G Ant2 2462



## 11N20MIMO Ant1 2412

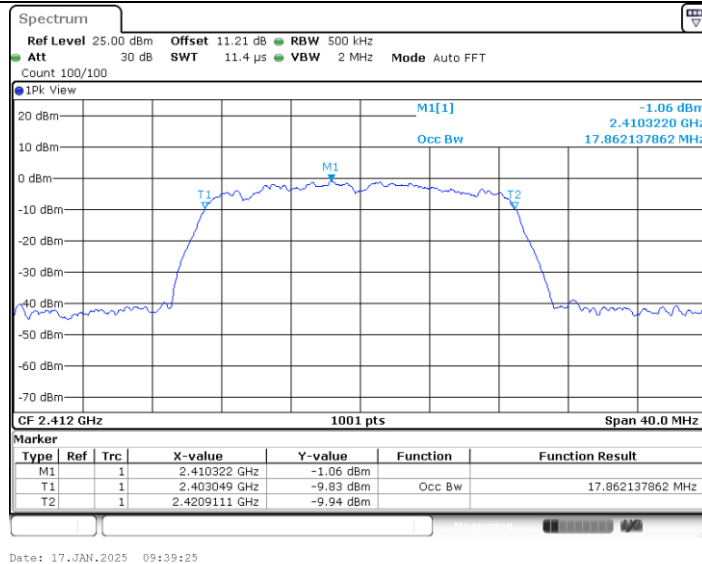
CTC Laboratories, Inc.

Room 107, 108, 207, 208, 303 of Building A, Room 101 of 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

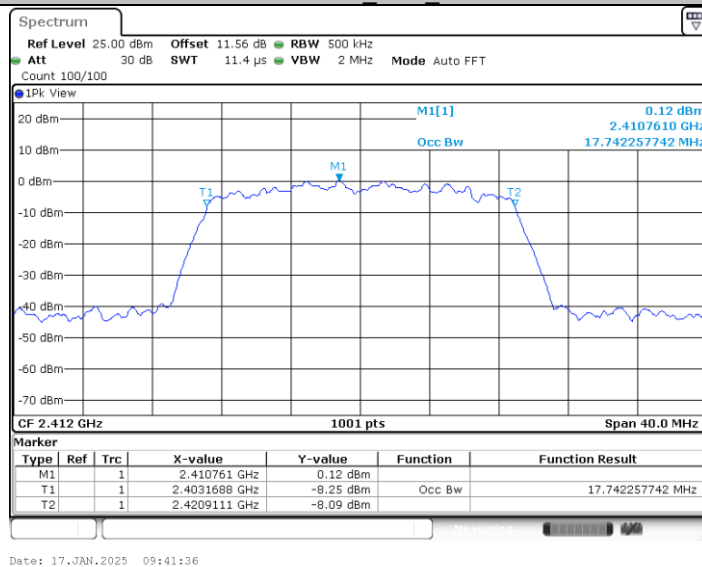
For anti-fake verification, please visit the official website of China Inspection And Testing

Society : [yz.cncaq.com](http://yz.cncaq.com)

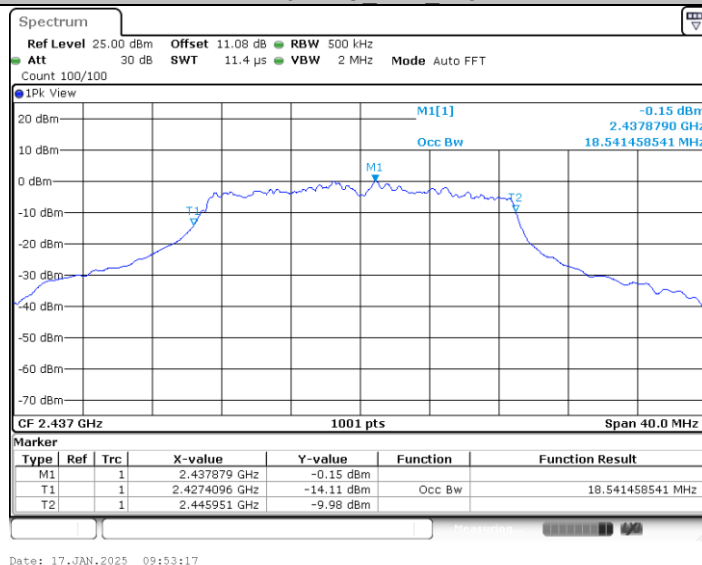
TRF No: CTC-TR-057\_A2



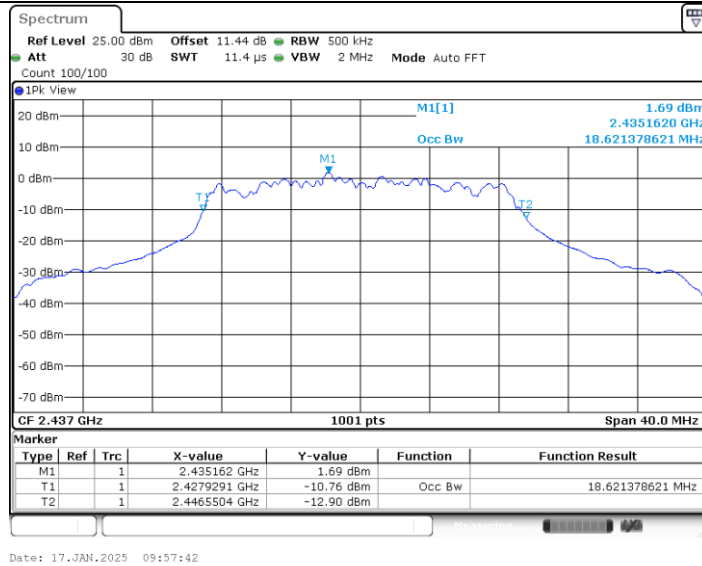
## 11N20MIMO\_Ant2\_2412



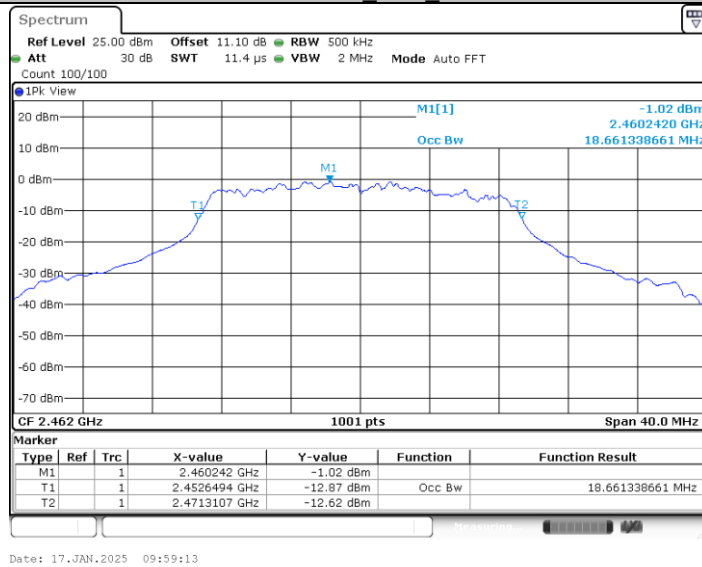
## 11N20MIMO\_Ant1\_2437



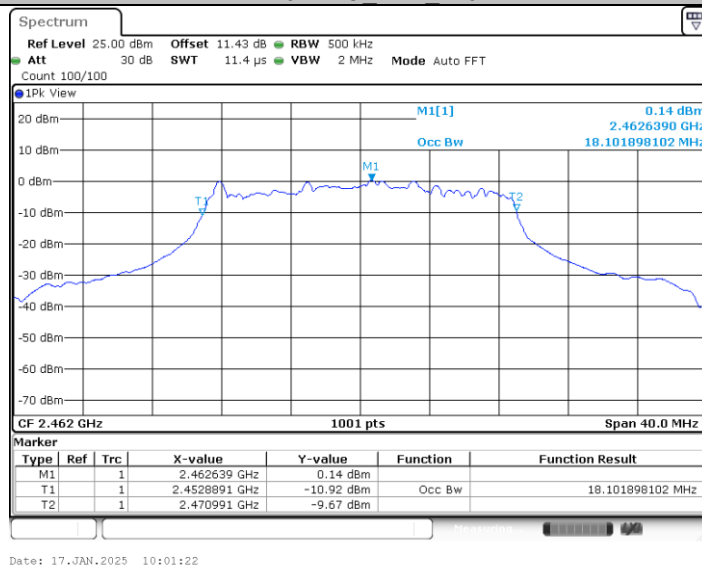
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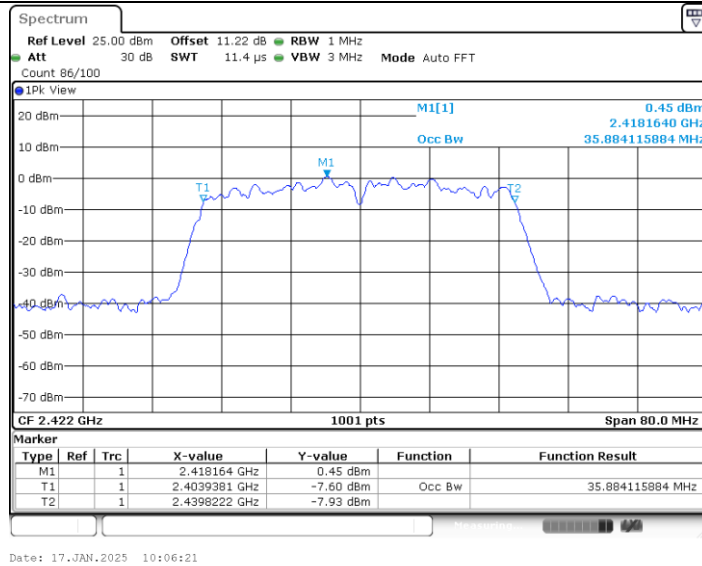
## 11N20MIMO\_Ant1\_2462



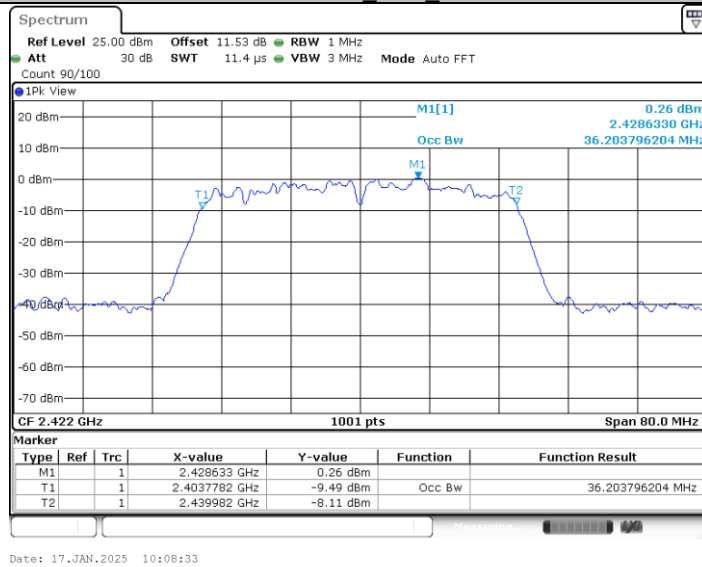
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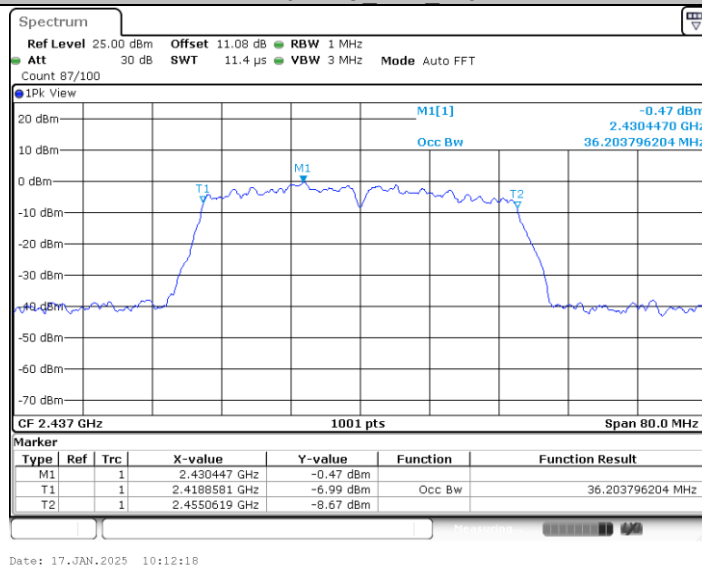
## 11N40MIMO\_Ant1\_2422



## 11N40MIMO\_Ant2\_2422



## 11N40MIMO\_Ant1\_2437



## 11N40MIMO\_Ant2\_2437