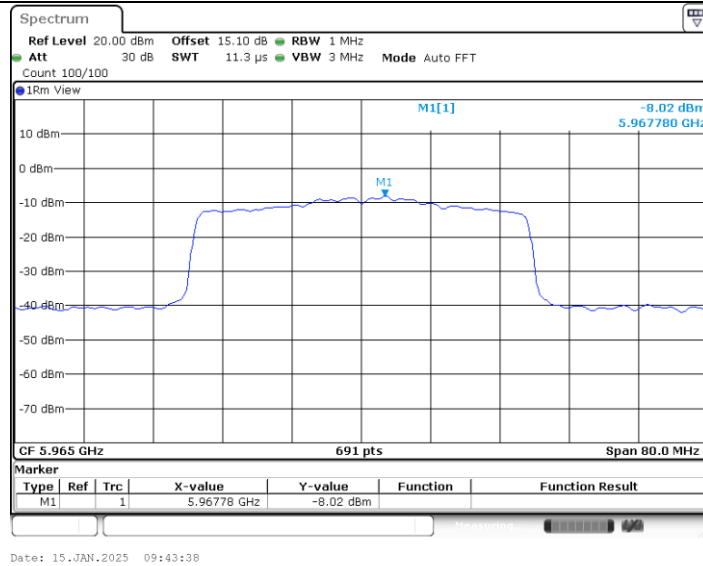
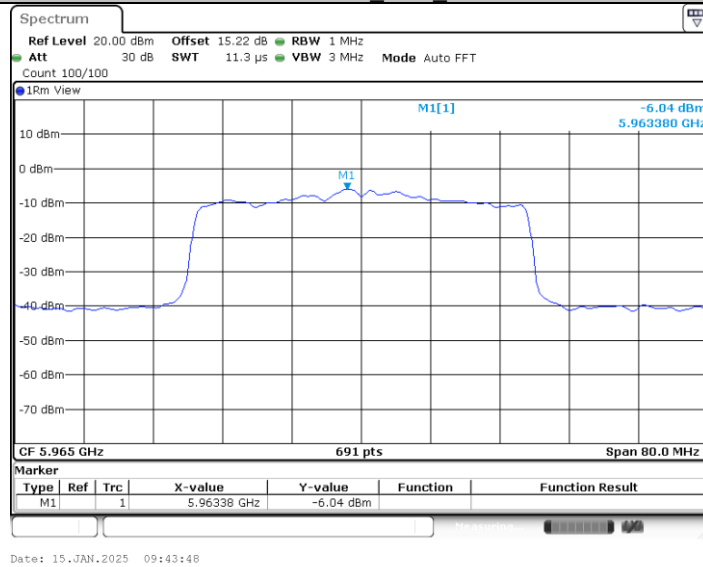
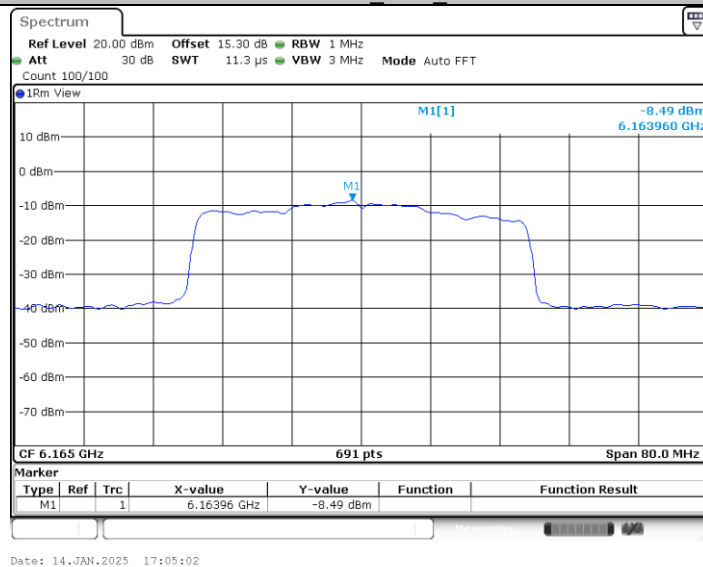




11AX40MIMO\_Ant2\_5965



11AX40MIMO\_Ant1\_6165



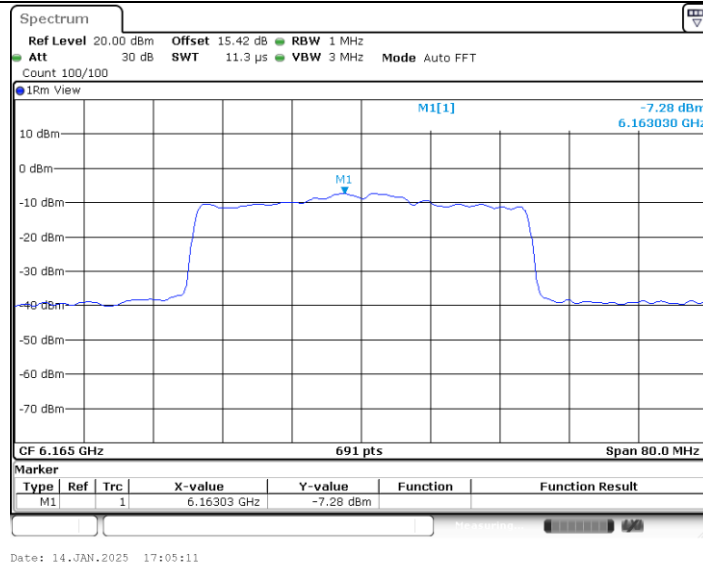
11AX40MIMO\_Ant2\_6165

CTC Laboratories, Inc.

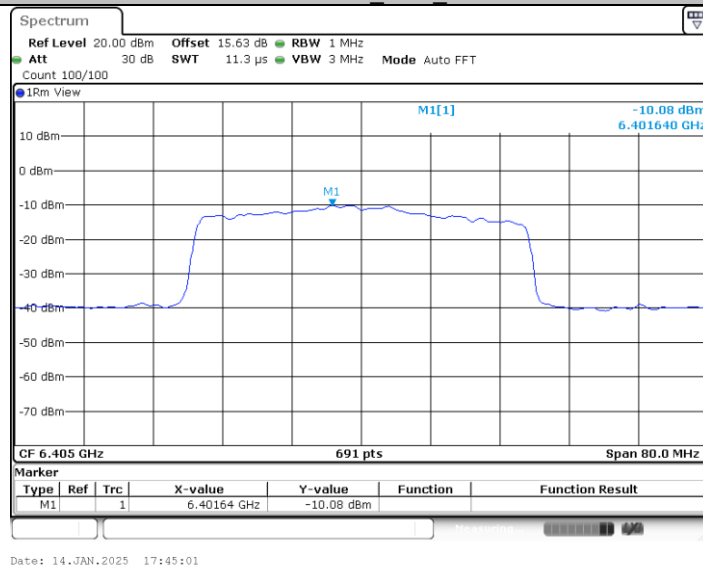
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

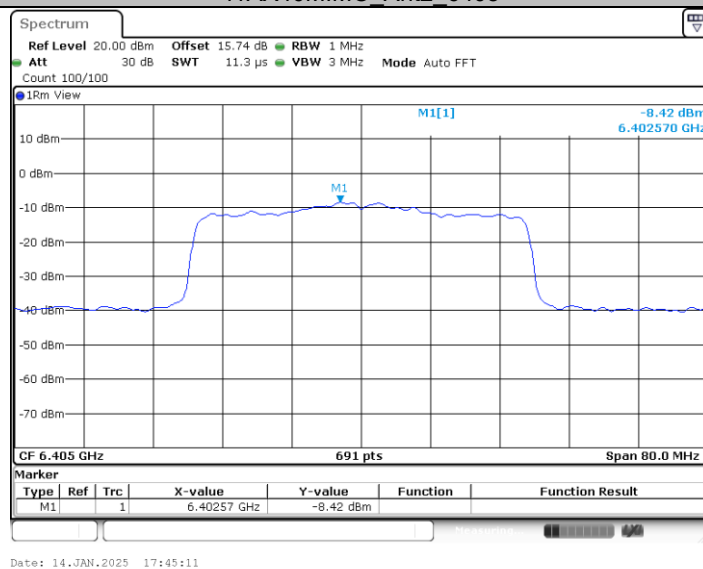
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



11AX40MIMO\_Ant1\_6405



11AX40MIMO\_Ant2\_6405



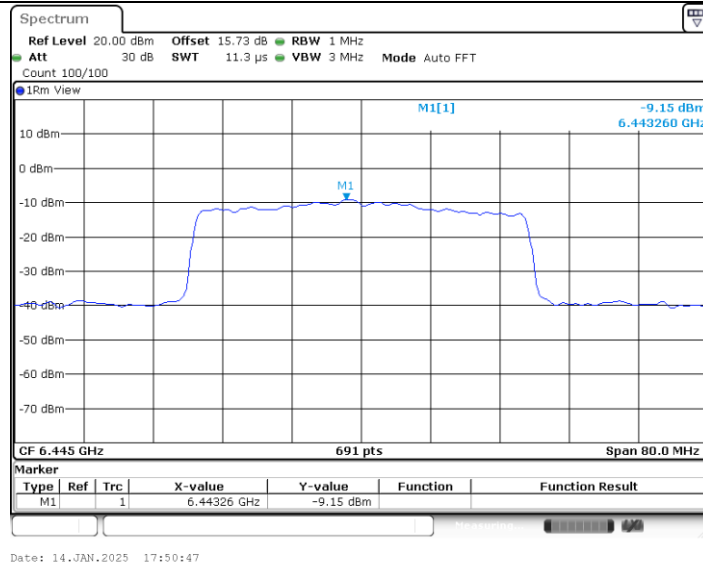
11AX40MIMO\_Ant1\_6445

CTC Laboratories, Inc.

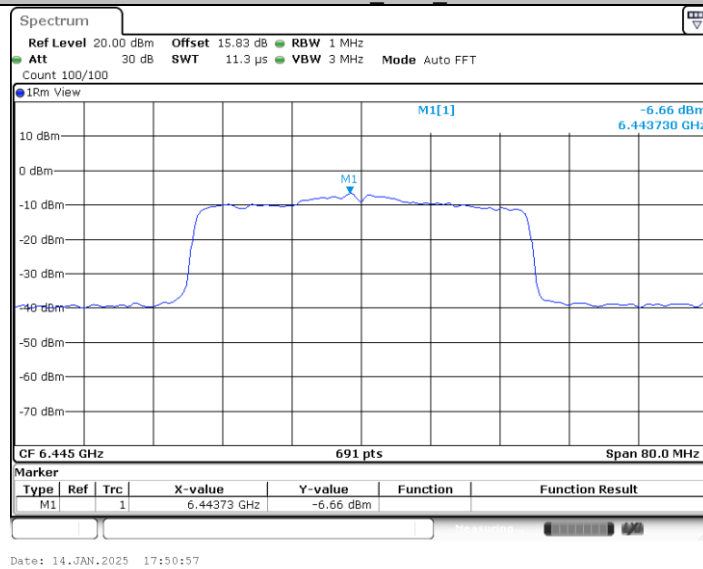
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

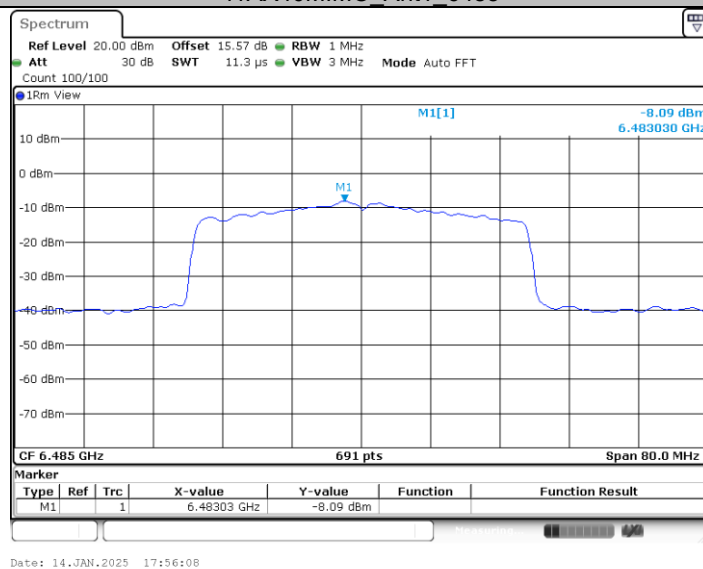
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



## 11AX40MIMO\_Ant2\_6445



## 11AX40MIMO\_Ant1\_6485



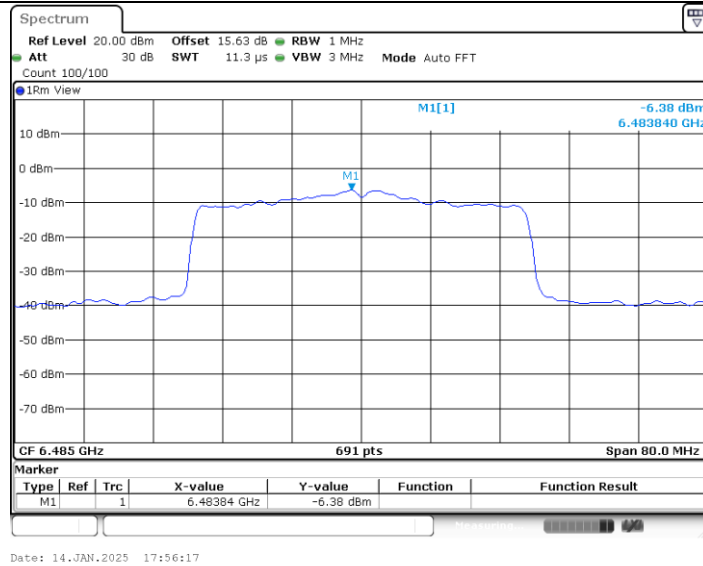
## 11AX40MIMO\_Ant2\_6485

CTC Laboratories, Inc.

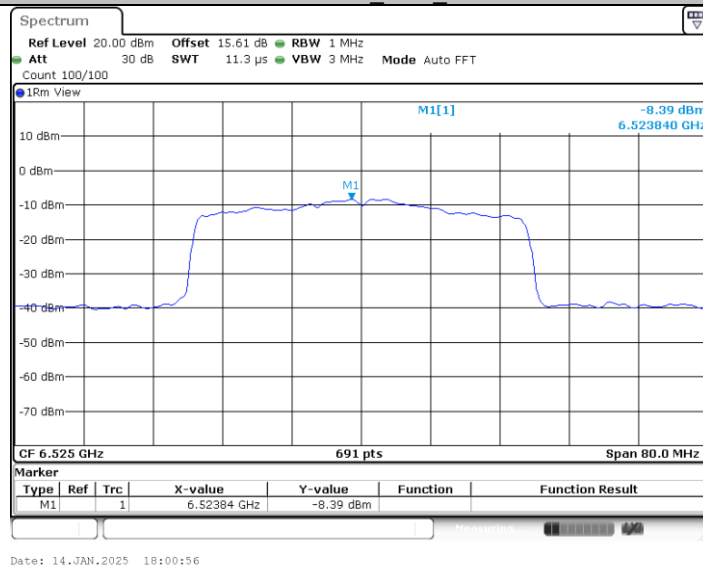
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

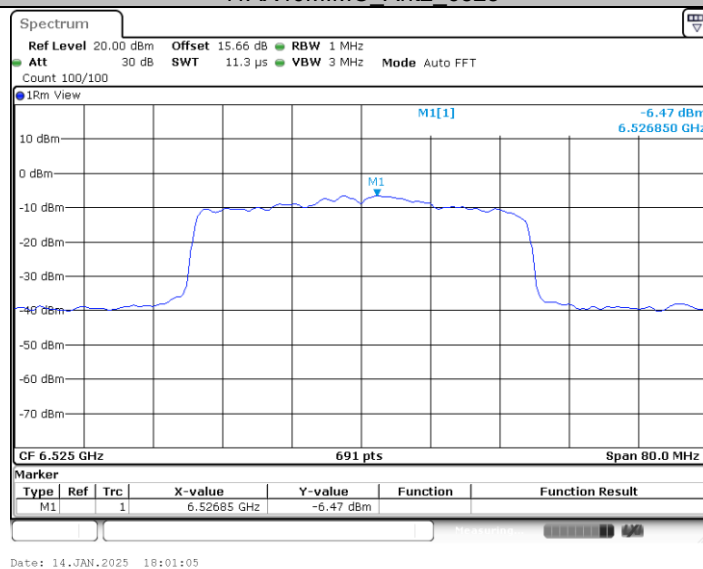
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



11AX40MIMO\_Ant1\_6525



11AX40MIMO\_Ant2\_6525



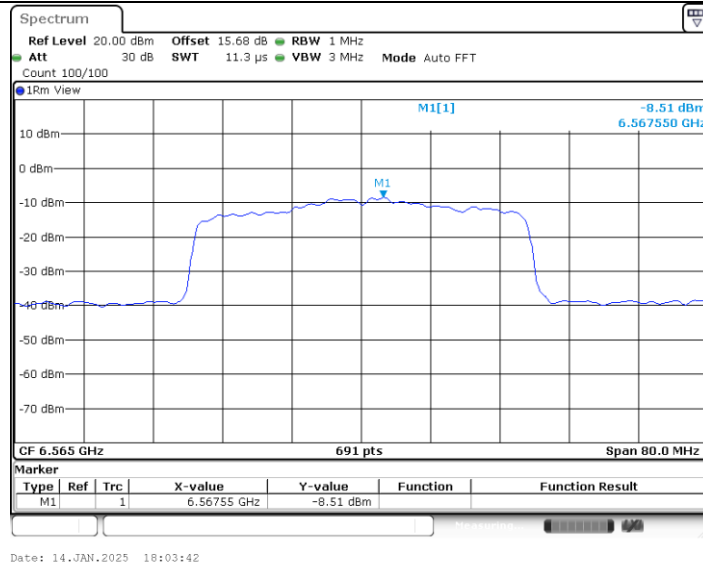
11AX40MIMO\_Ant1\_6565

CTC Laboratories, Inc.

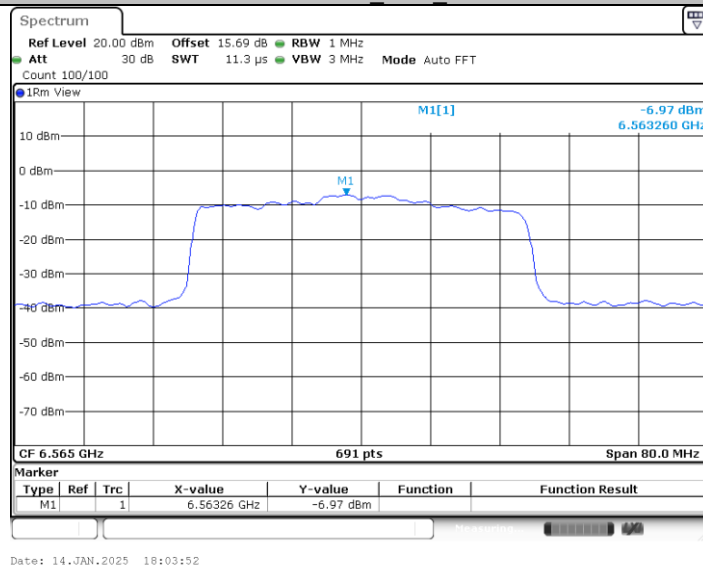
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

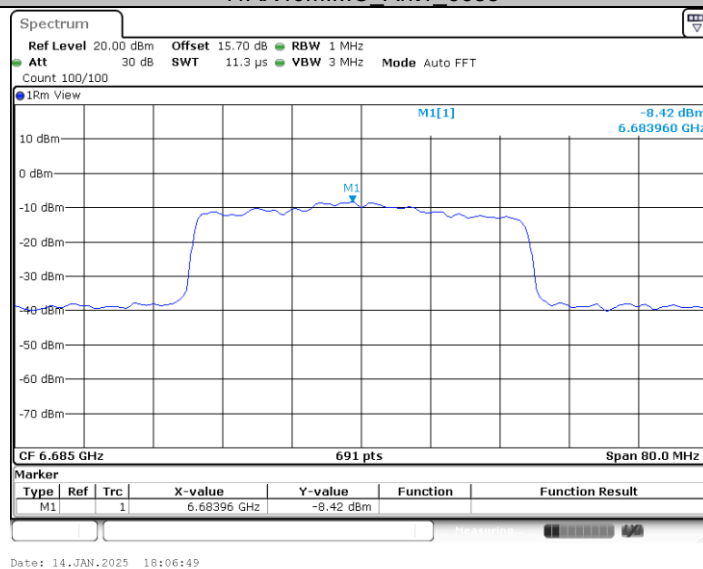
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



11AX40MIMO\_Ant2\_6565



11AX40MIMO\_Ant1\_6685



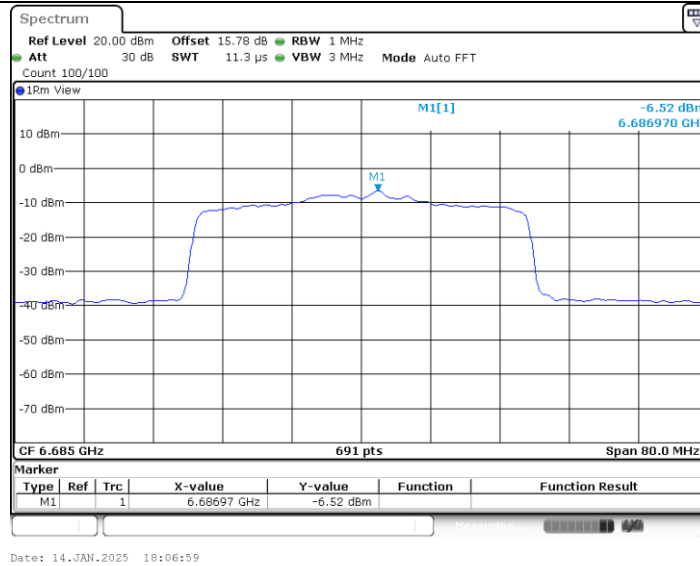
11AX40MIMO\_Ant2\_6685

CTC Laboratories, Inc.

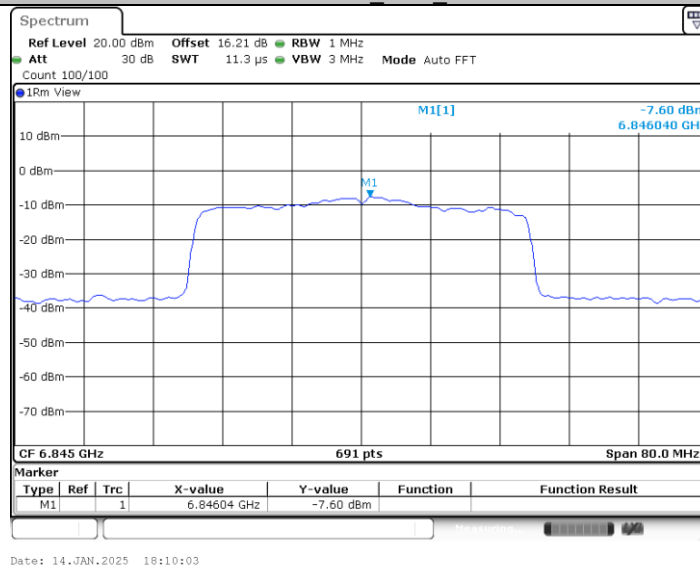
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

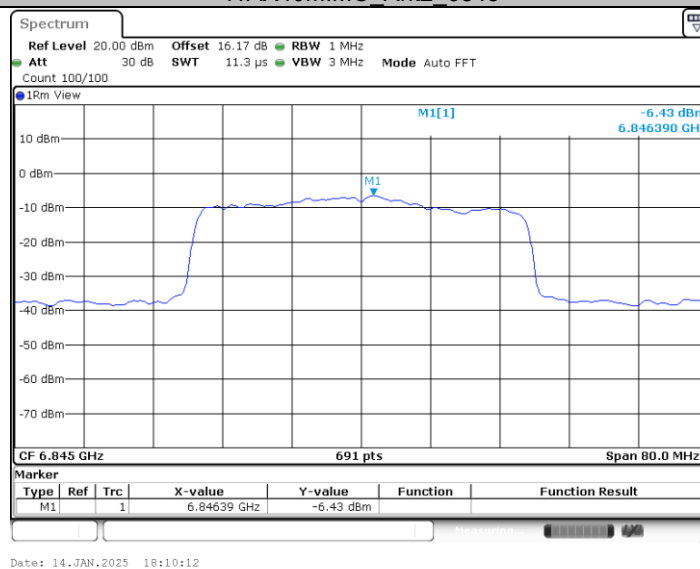
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



11AX40MIMO\_Ant1\_6845



11AX40MIMO\_Ant2\_6845



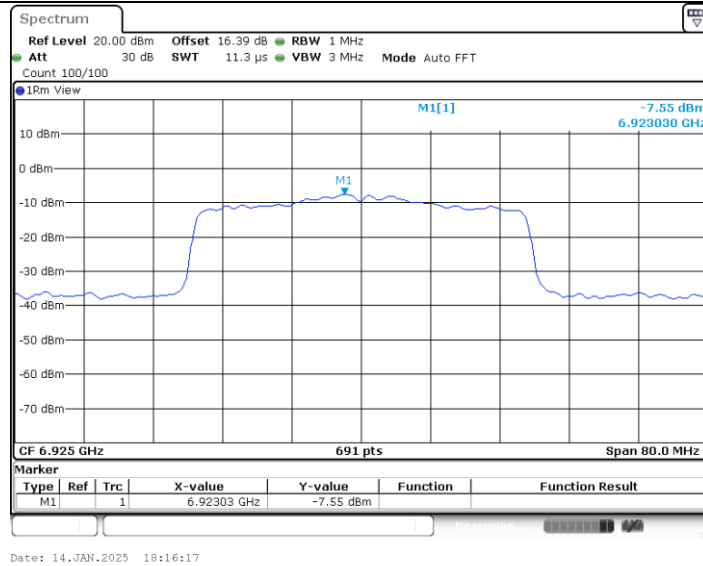
11AX40MIMO\_Ant1\_6925

CTC Laboratories, Inc.

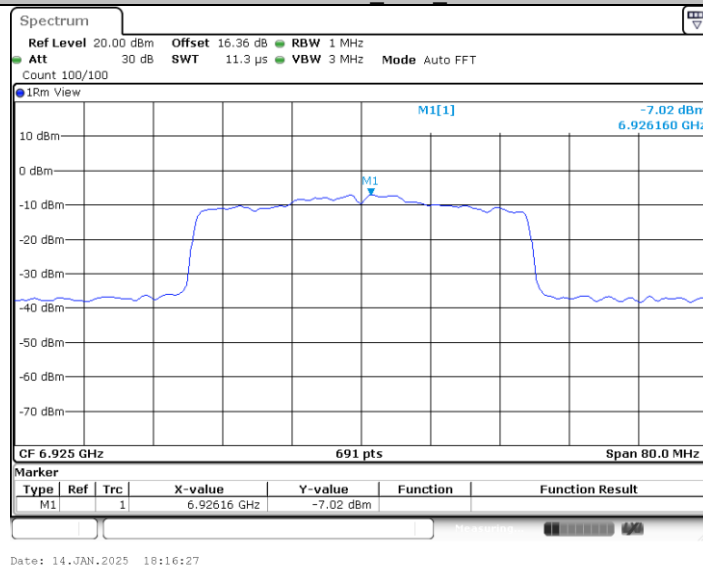
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

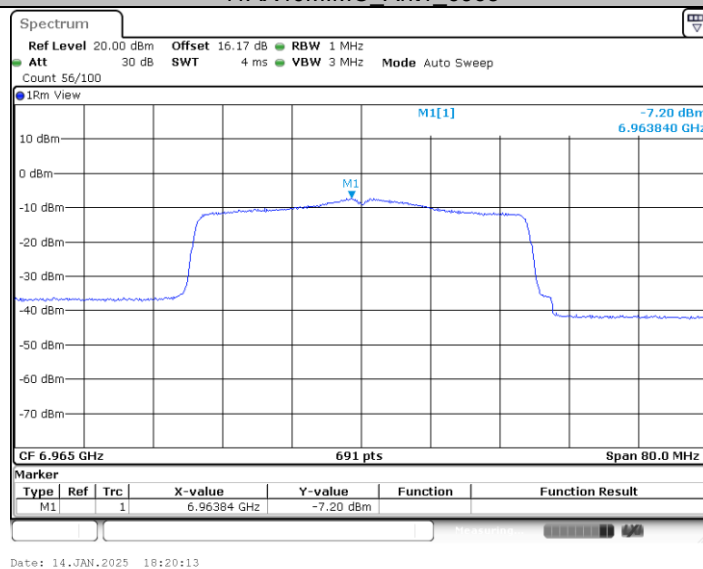
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



11AX40MIMO\_Ant2\_6925



11AX40MIMO\_Ant1\_6965



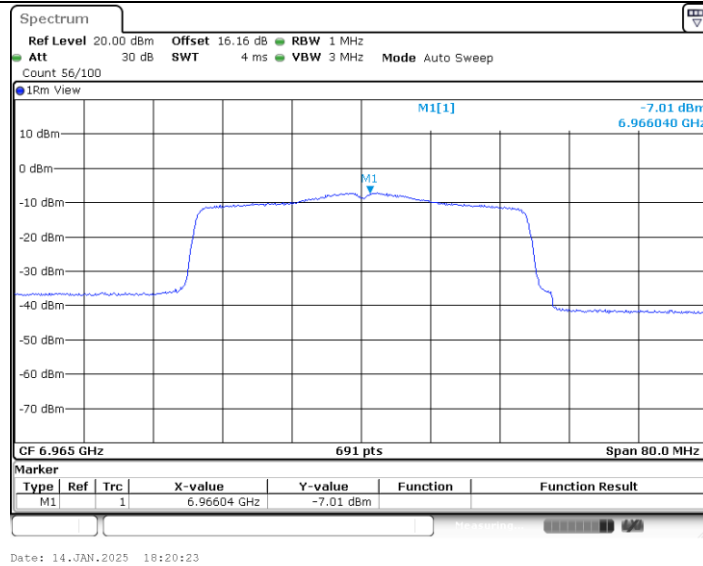
11AX40MIMO\_Ant2\_6965

CTC Laboratories, Inc.

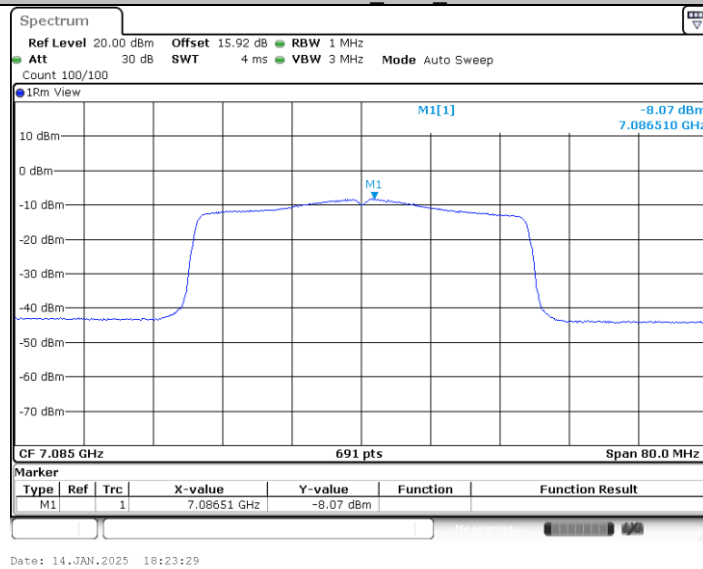
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

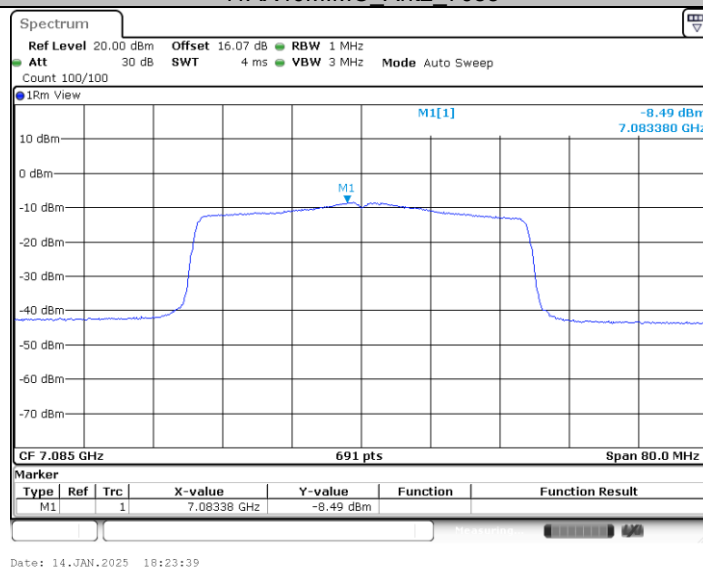
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



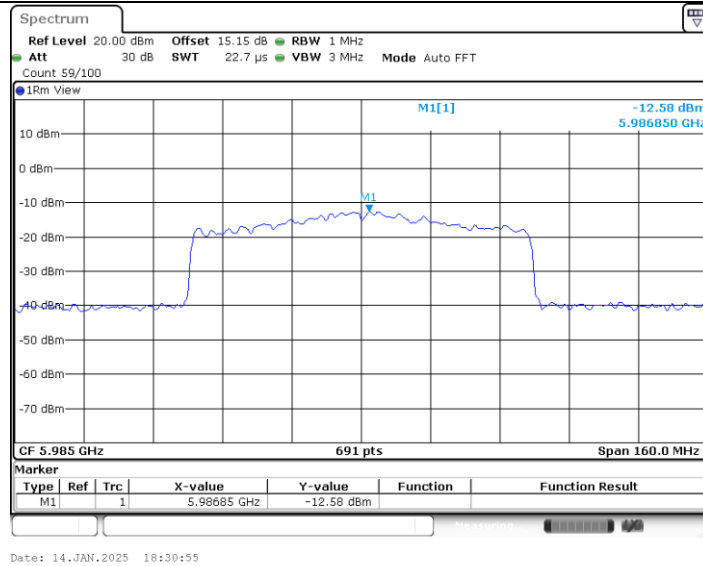
## 11AX40MIMO\_Ant1\_7085



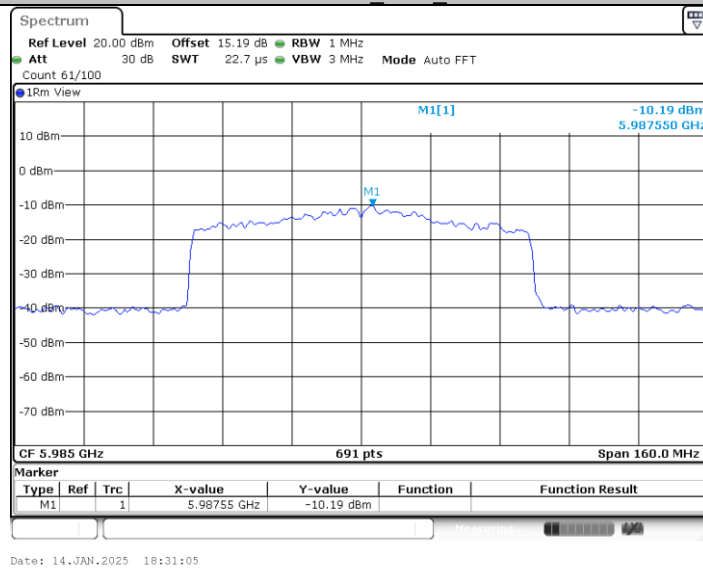
## 11AX40MIMO\_Ant2\_7085



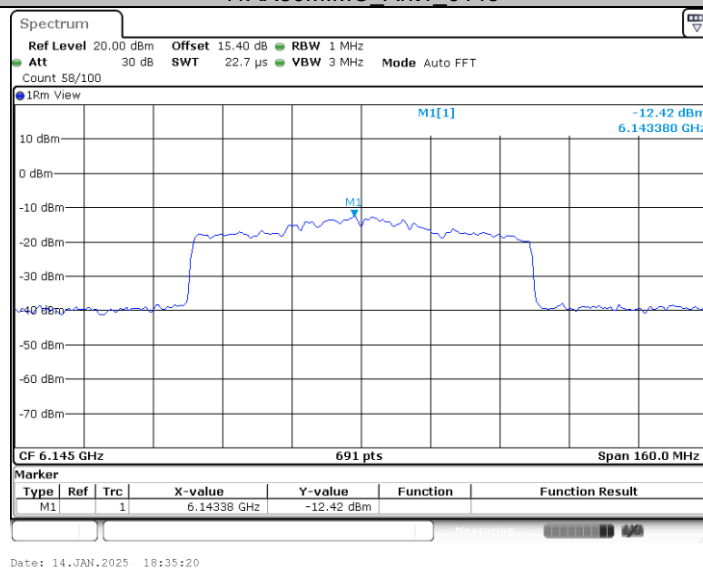
## 11AX80MIMO\_Ant1\_5985



## 11AX80MIMO\_Ant2\_5985



## 11AX80MIMO\_Ant1\_6145



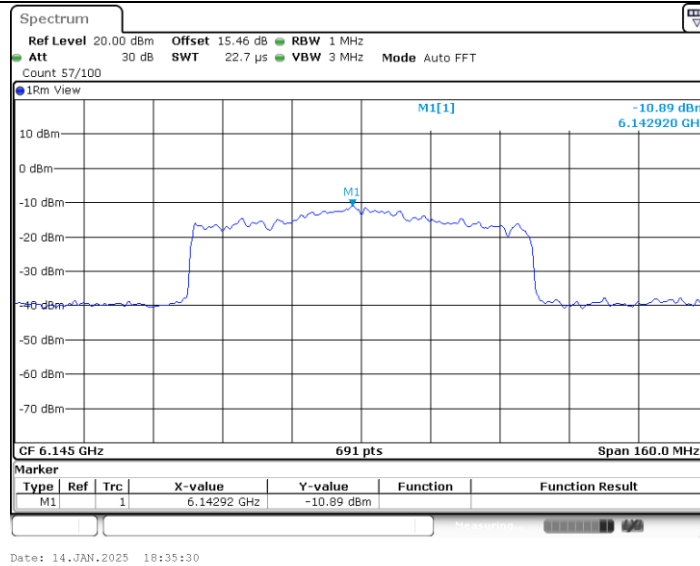
## 11AX80MIMO\_Ant2\_6145

CTC Laboratories, Inc.

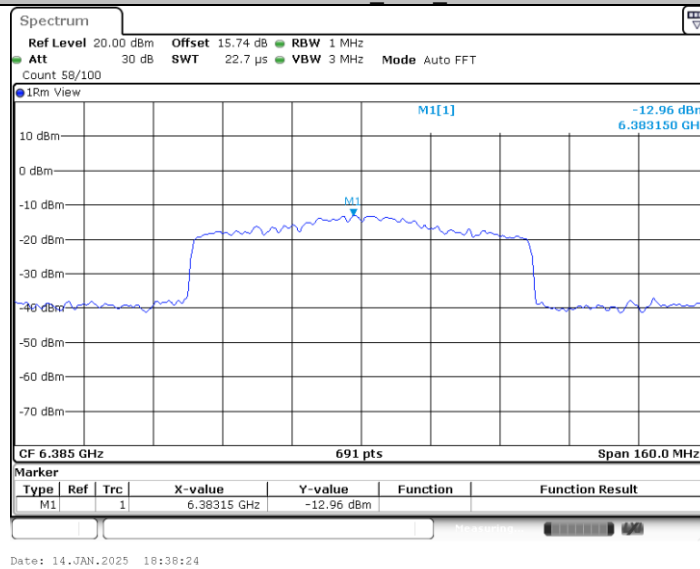
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

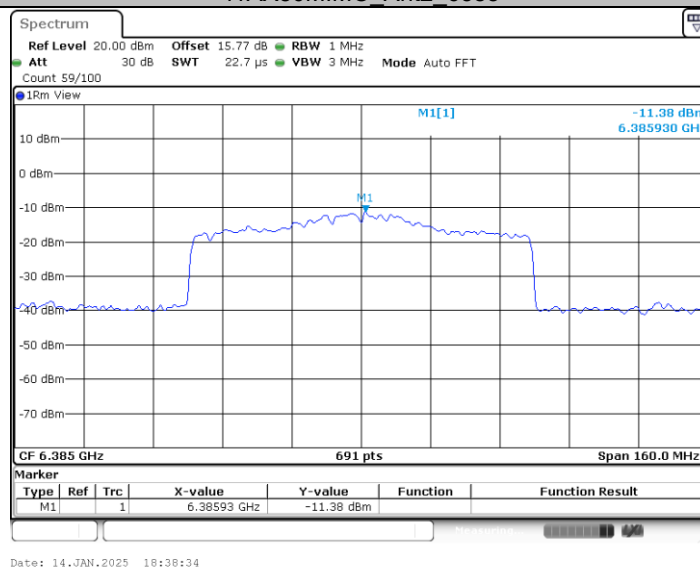
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



11AX80MIMO\_Ant1\_6385



11AX80MIMO\_Ant2\_6385



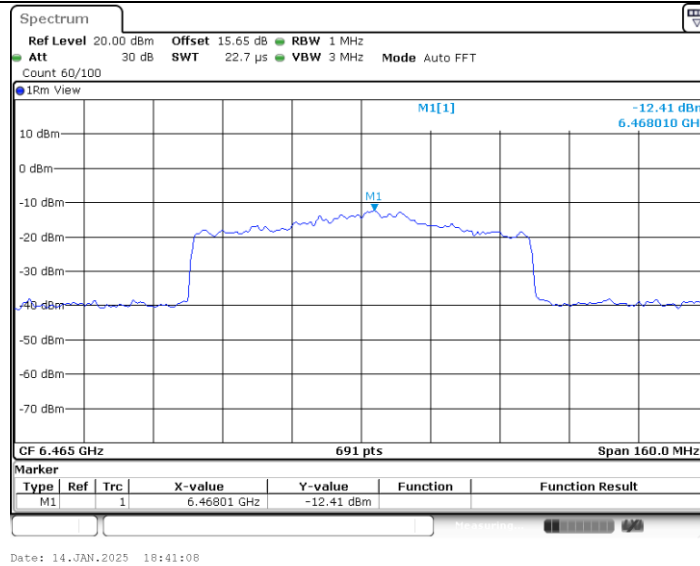
11AX80MIMO\_Ant1\_6465

CTC Laboratories, Inc.

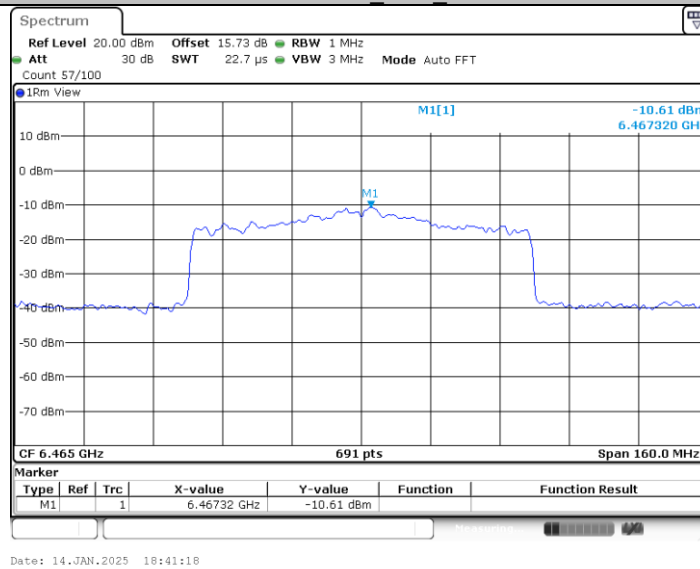
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

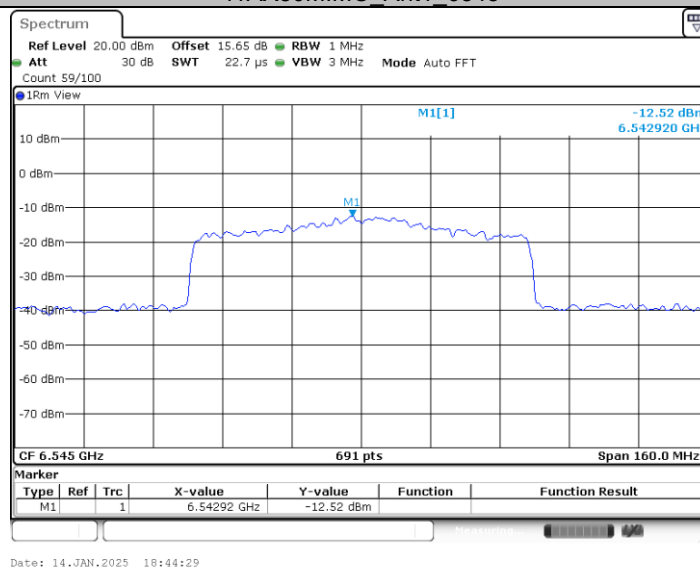
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



## 11AX80MIMO\_Ant2\_6465



## 11AX80MIMO\_Ant1\_6545



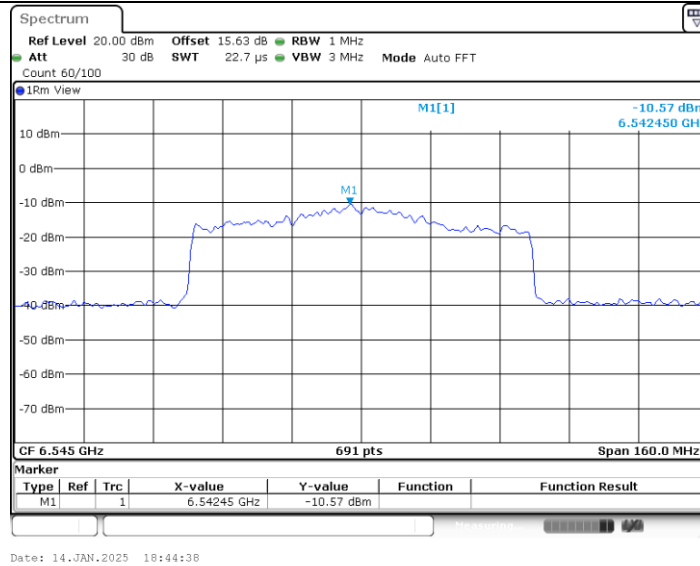
## 11AX80MIMO\_Ant2\_6545

CTC Laboratories, Inc.

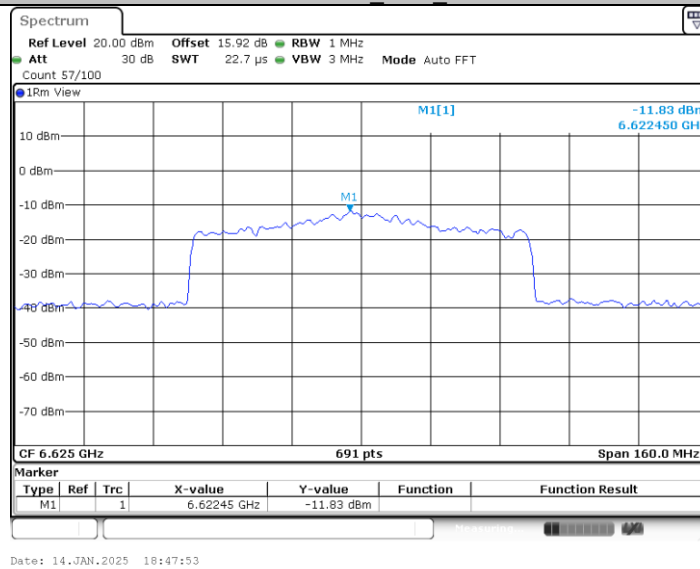
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

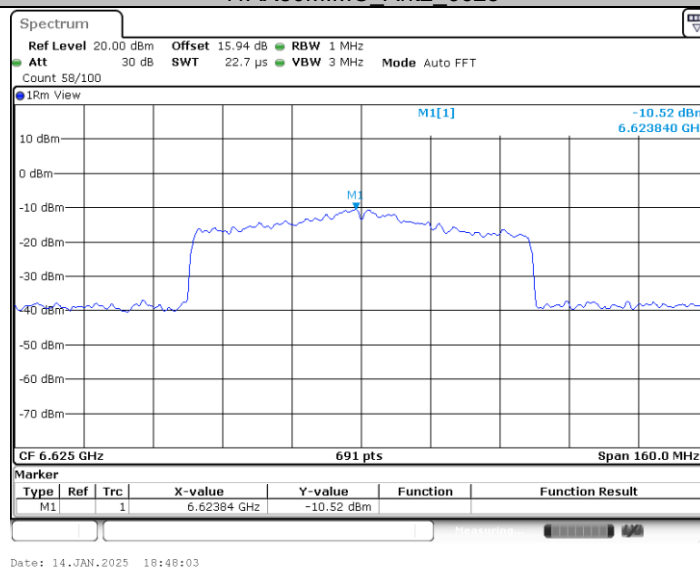
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



11AX80MIMO\_Ant1\_6625



11AX80MIMO\_Ant2\_6625



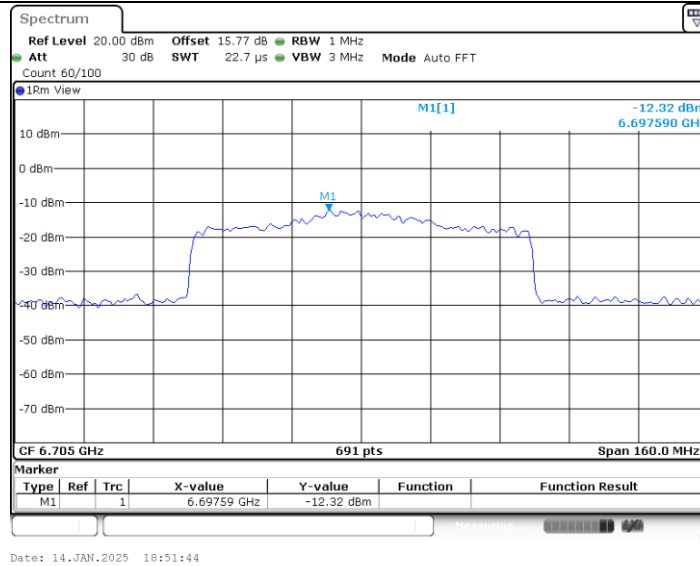
11AX80MIMO\_Ant1\_6705

CTC Laboratories, Inc.

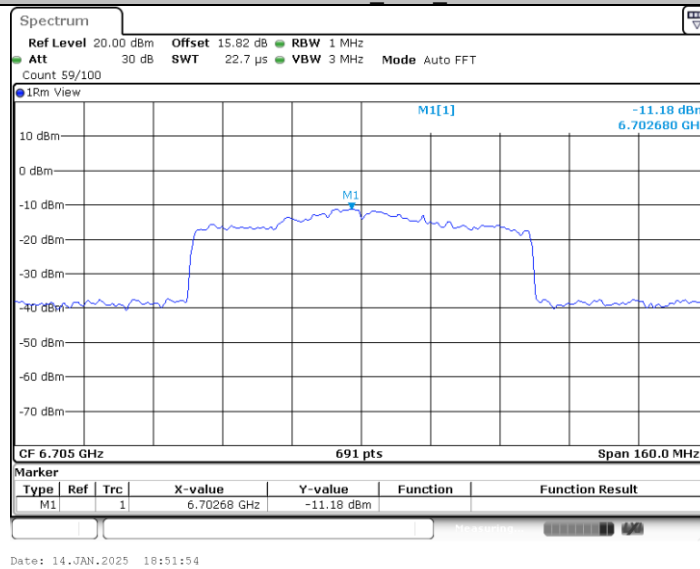
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

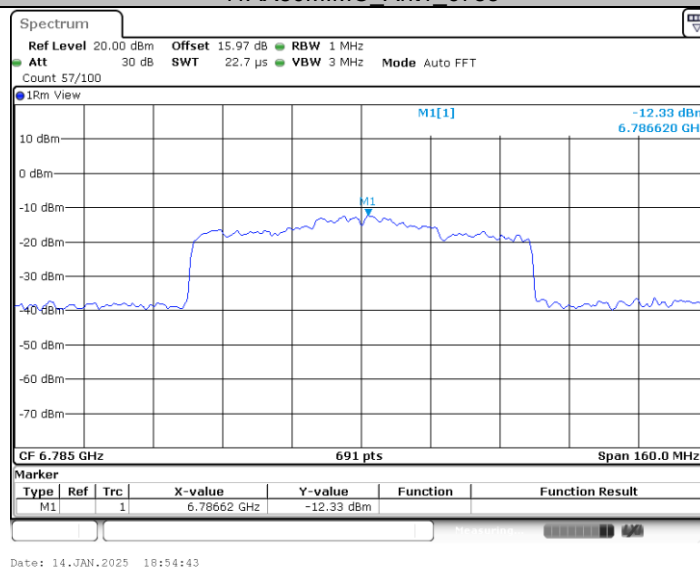
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



## 11AX80MIMO\_Ant2\_6705



## 11AX80MIMO\_Ant1\_6785



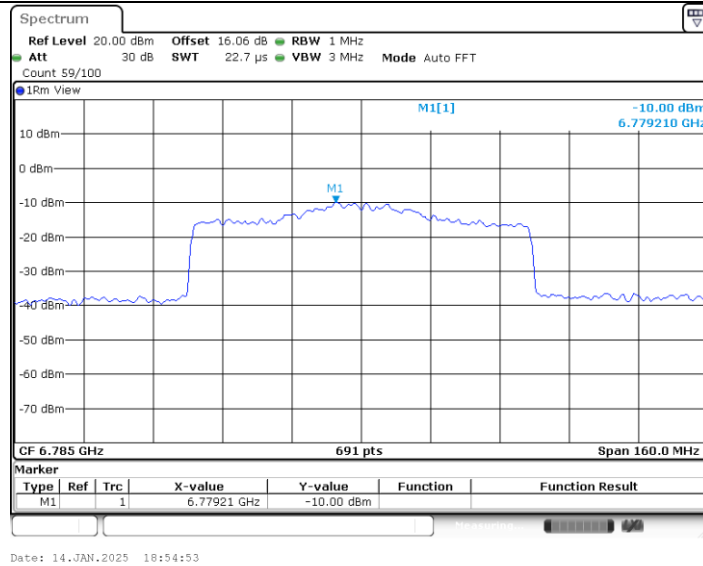
## 11AX80MIMO\_Ant2\_6785

CTC Laboratories, Inc.

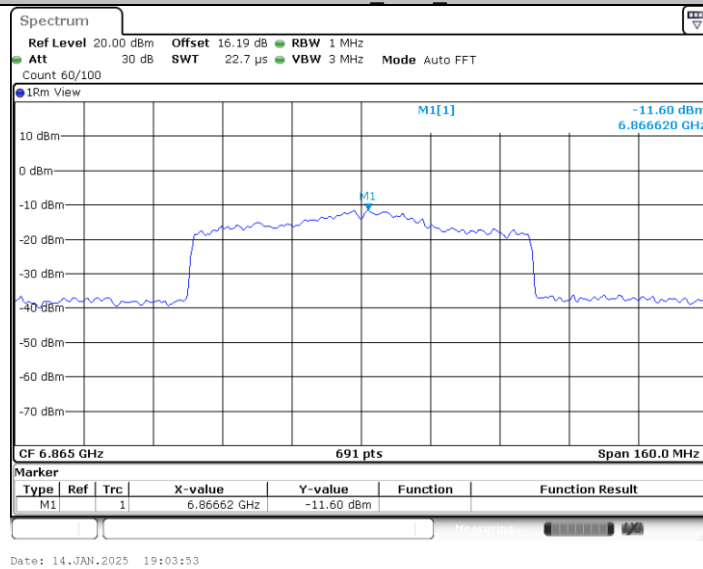
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

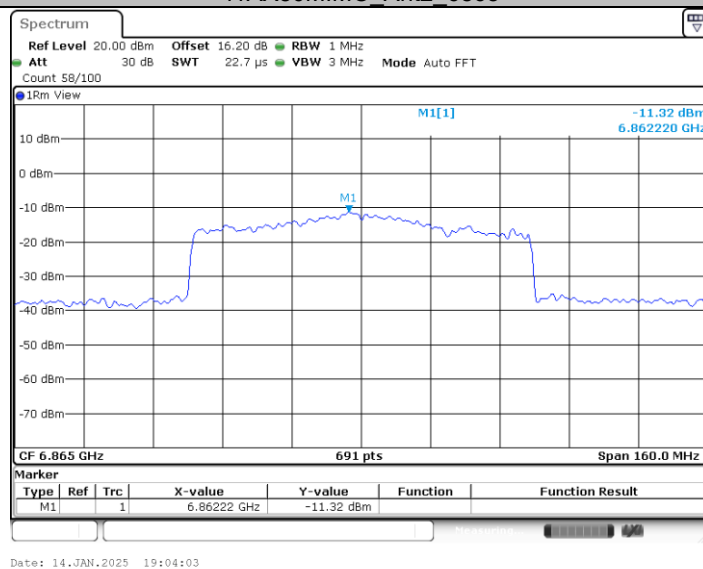
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



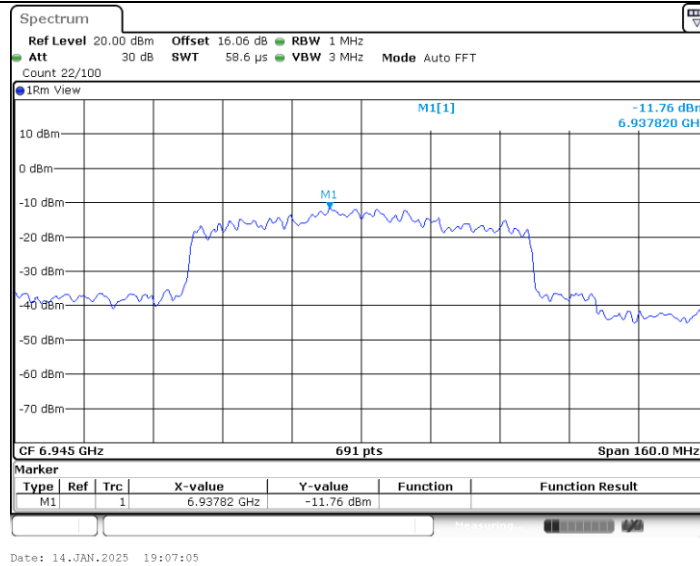
## 11AX80MIMO\_Ant1\_6865



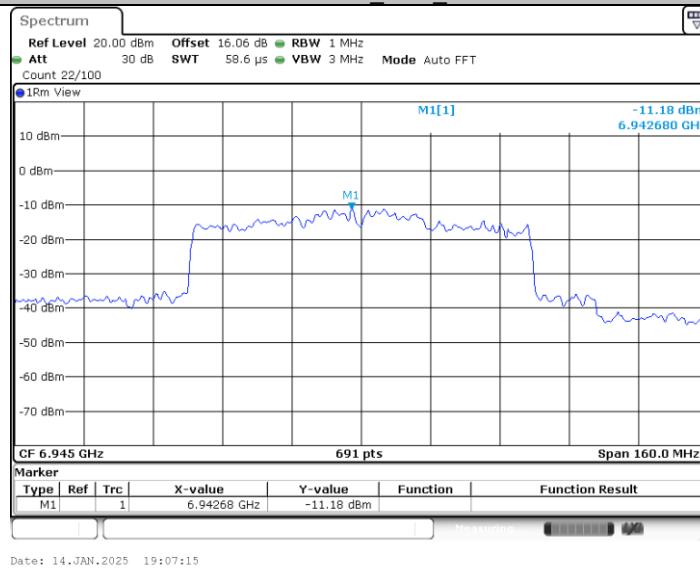
## 11AX80MIMO\_Ant2\_6865



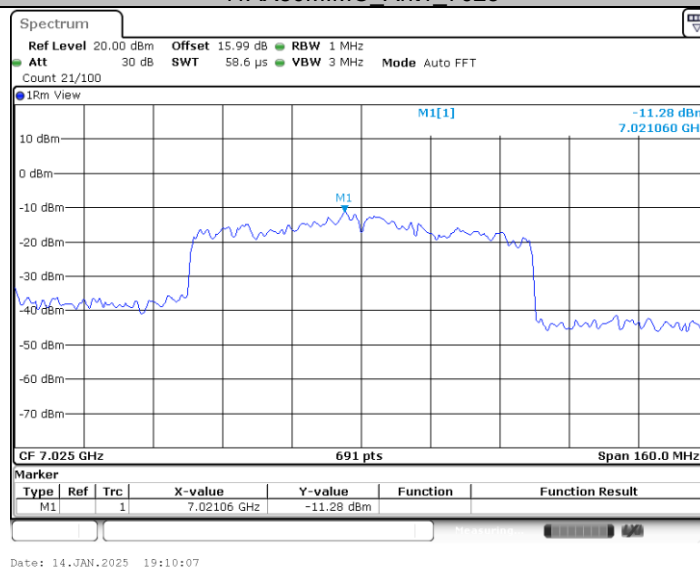
## 11AX80MIMO\_Ant1\_6945



## 11AX80MIMO\_Ant2\_6945



## 11AX80MIMO\_Ant1\_7025



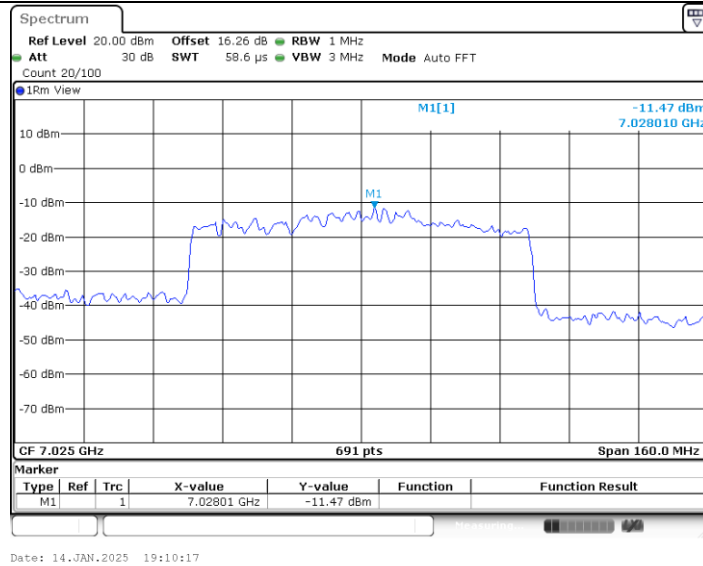
## 11AX80MIMO\_Ant2\_7025

CTC Laboratories, Inc.

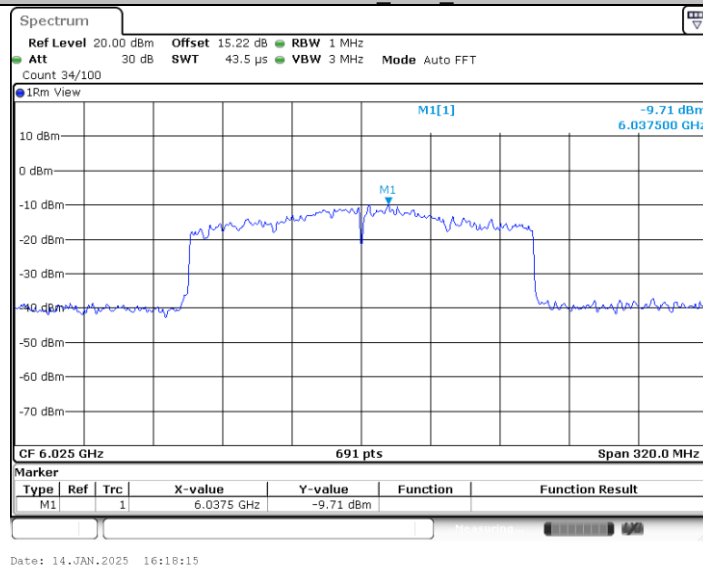
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

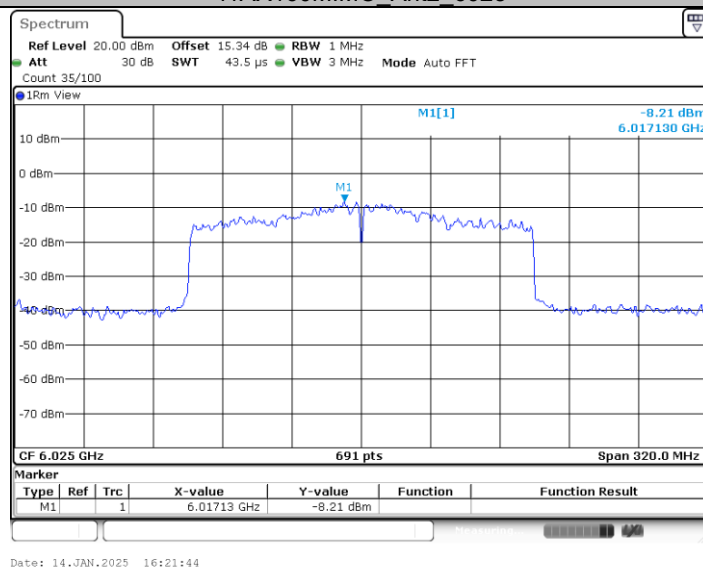
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



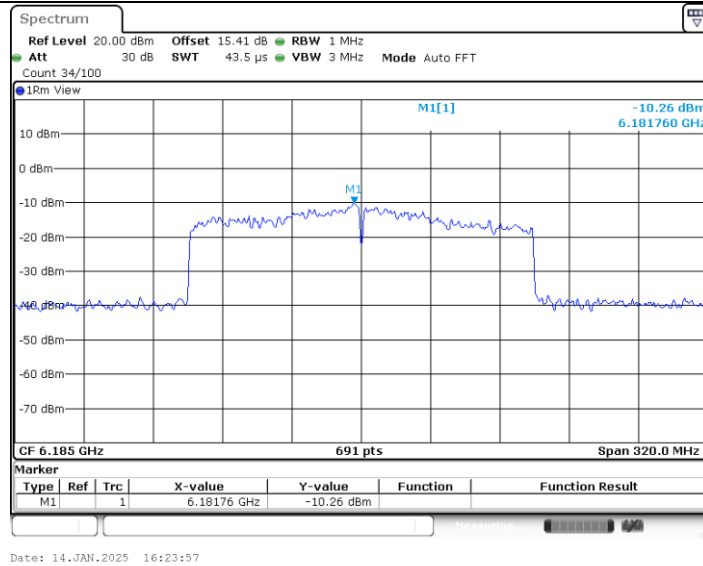
## 11AX160MIMO\_Ant1\_6025



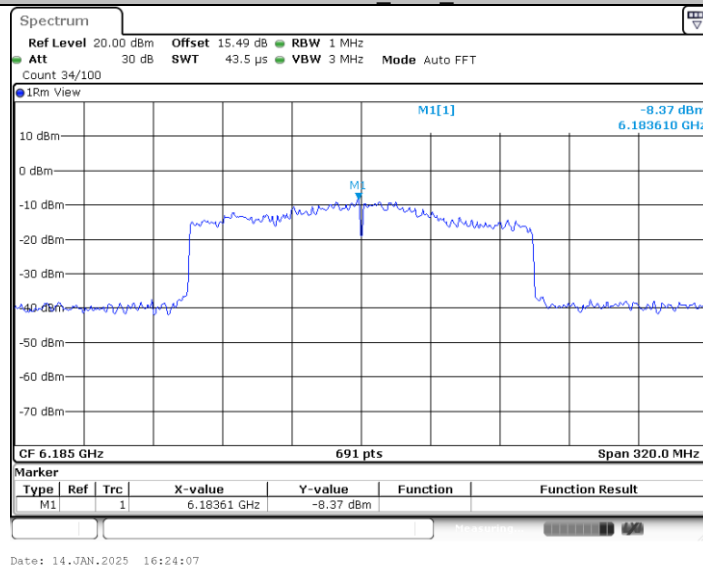
## 11AX160MIMO\_Ant2\_6025



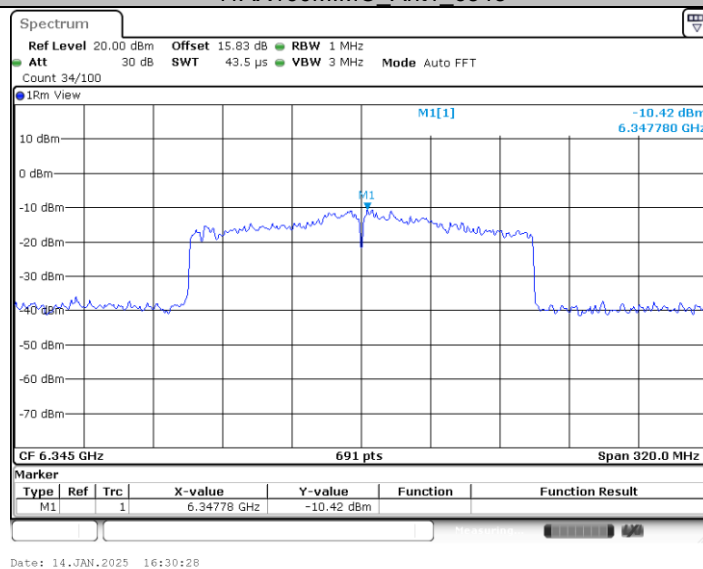
## 11AX160MIMO\_Ant1\_6185



11AX160MIMO\_Ant2\_6185



11AX160MIMO\_Ant1\_6345



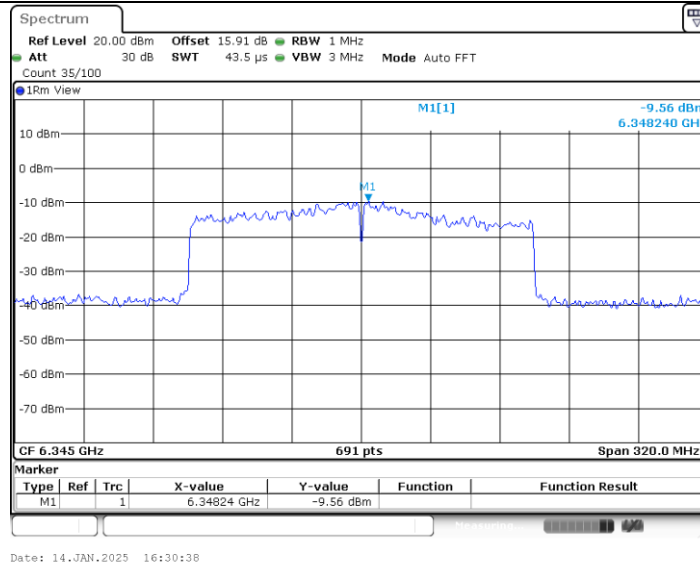
11AX160MIMO\_Ant2\_6345

CTC Laboratories, Inc.

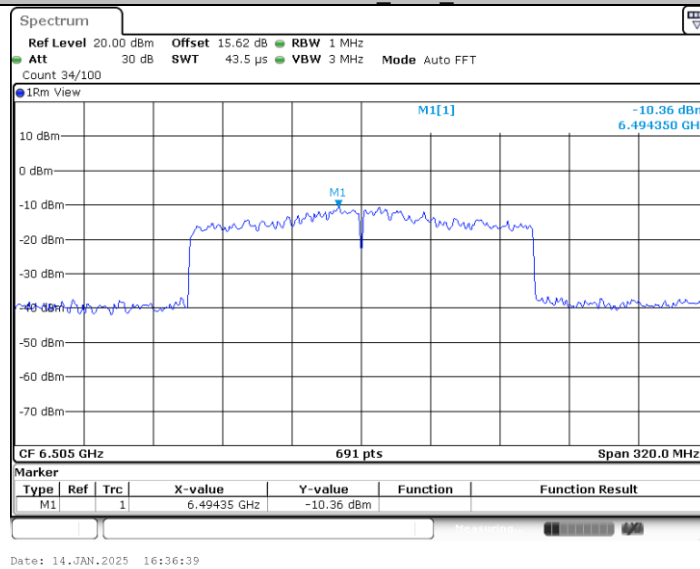
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

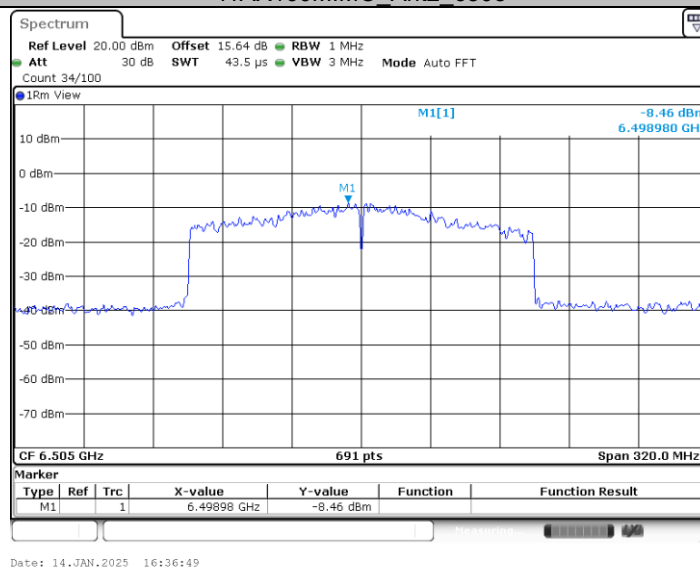
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



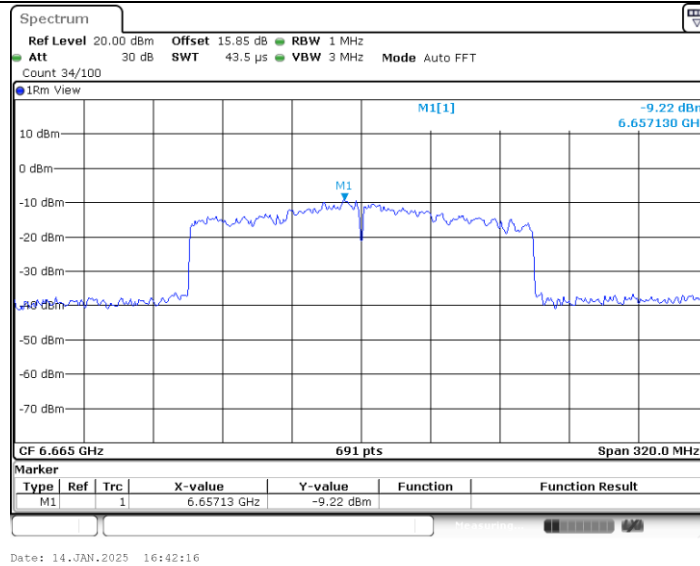
## 11AX160MIMO\_Ant1\_6505



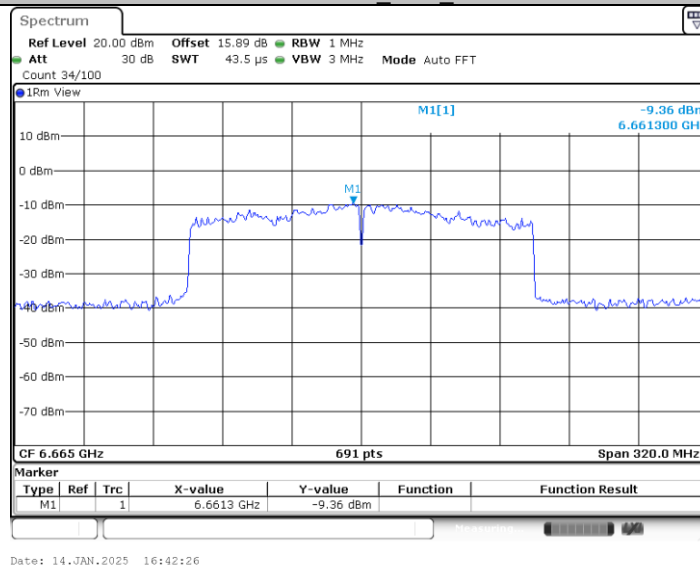
## 11AX160MIMO\_Ant2\_6505



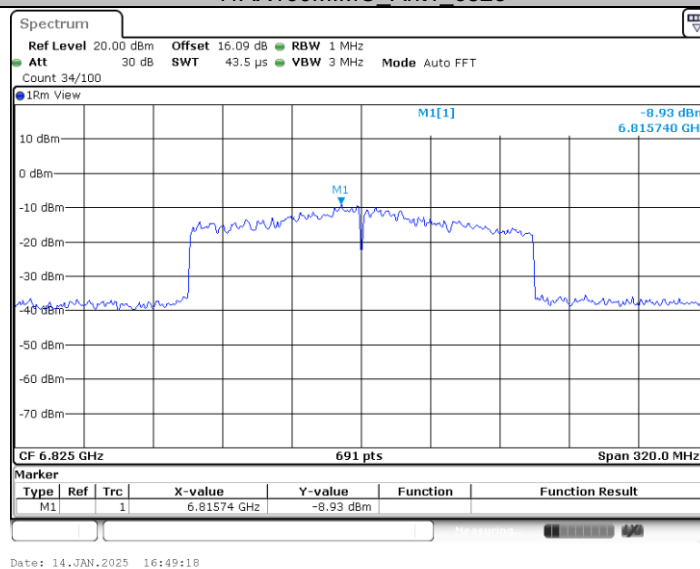
## 11AX160MIMO\_Ant1\_6665



## 11AX160MIMO\_Ant2\_6665



## 11AX160MIMO\_Ant1\_6825



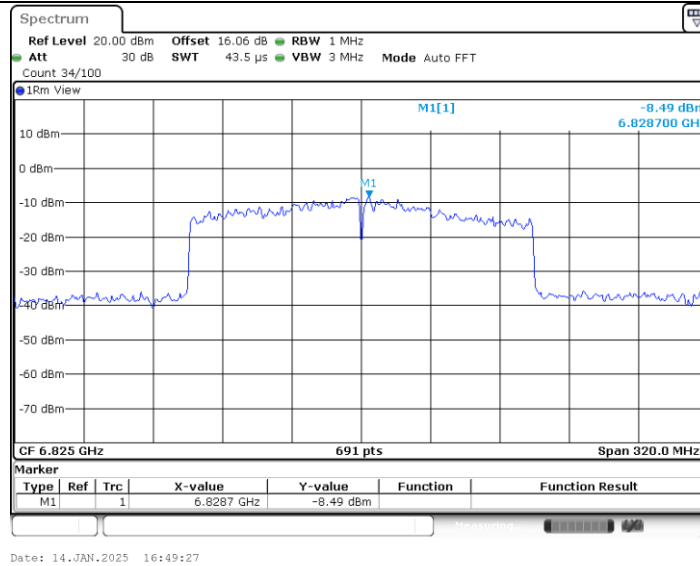
## 11AX160MIMO\_Ant2\_6825

CTC Laboratories, Inc.

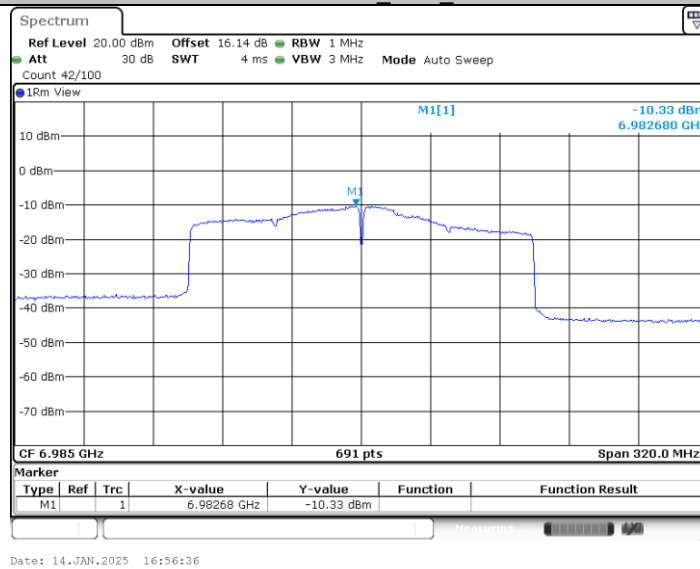
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China  
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

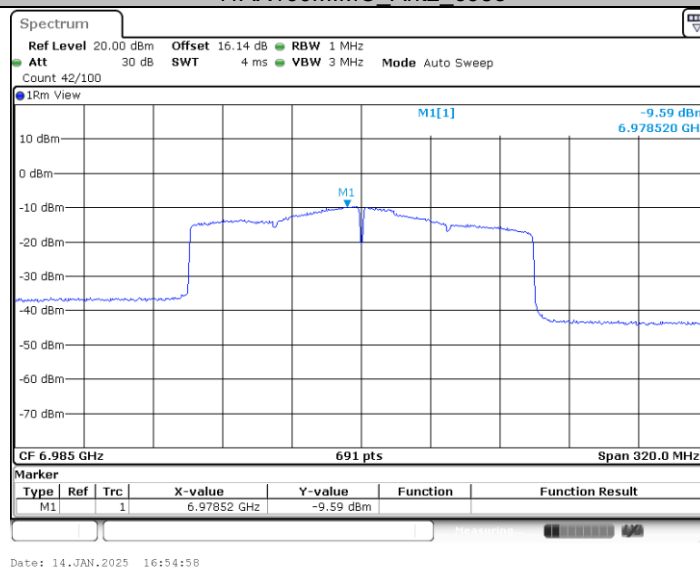
For anti-fake verification, please visit the official website of China Inspection And Testing Society : [yz.cnca.cn](http://yz.cnca.cn)



11AX160MIMO\_Ant1\_6985



11AX160MIMO\_Ant2\_6985



CTC Laboratories, Inc.

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Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-150\_A1

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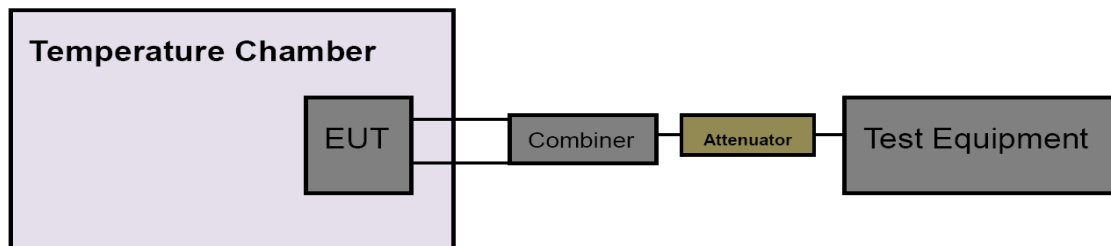
### 3.7. Frequency Stability

#### Limit

#### **FCC CFR Title 47 Part 15 Subpart E Section 15.407(g) / RSS-Gen 6.11**

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

#### **Test Configuration**



#### **Test Procedure**

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyzer center frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW) of the signal.
- (4) Set the RBW to: 8MHz, VBW=8MHz with peak detector and max hold settings.
- (5) The test extreme voltage is to change the primary supply voltage from 3.465V to 4.235V percent of the nominal value.
- (6) Extreme temperature is 0°C~30°C

NOTE: The EUT was set to continuously transmitting in continuously un-modulation transmitting mode.

#### **Test Mode**

Please refer to the clause 2.4.

**Test Result**

| TestMode       | Antenna | Channel | Voltage       |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|----------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
|                |         |         | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| 11AX20MIM<br>O | Ant1    | 5955    | HV            | NT               | 17980.00       | 3.019312        | 20          | PASS    |
|                |         |         | LV            | NT               | 19480.00       | 3.271201        | 20          | PASS    |
|                |         |         | NV            | NT               | 17380.00       | 2.918556        | 20          | PASS    |
|                | Ant2    | 5955    | LV            | NT               | 17980.00       | 3.019312        | 20          | PASS    |
|                |         |         | HV            | NT               | 17980.00       | 3.019312        | 20          | PASS    |
|                |         |         | NV            | NT               | 18580.00       | 3.120067        | 20          | PASS    |
|                | Ant1    | 6175    | LV            | NT               | 18880.00       | 3.057490        | 20          | PASS    |
|                |         |         | NV            | NT               | 19180.00       | 3.106073        | 20          | PASS    |
|                |         |         | HV            | NT               | 17680.00       | 2.863158        | 20          | PASS    |
|                | Ant2    | 6175    | LV            | NT               | 19780.00       | 3.203239        | 20          | PASS    |
|                |         |         | HV            | NT               | 19180.00       | 3.106073        | 20          | PASS    |
|                |         |         | NV            | NT               | 18580.00       | 3.008907        | 20          | PASS    |
|                | Ant1    | 6415    | NV            | NT               | 19780.00       | 3.083398        | 20          | PASS    |
|                |         |         | LV            | NT               | 20080.00       | 3.130164        | 20          | PASS    |
|                |         |         | HV            | NT               | 20380.00       | 3.176929        | 20          | PASS    |
|                | Ant2    | 6415    | LV            | NT               | 18880.00       | 2.943102        | 20          | PASS    |
|                |         |         | HV            | NT               | 19180.00       | 2.989867        | 20          | PASS    |
|                |         |         | NV            | NT               | 18880.00       | 2.943102        | 20          | PASS    |
|                | Ant1    | 6435    | HV            | NT               | 18880.00       | 2.933955        | 20          | PASS    |
|                |         |         | LV            | NT               | 18280.00       | 2.840715        | 20          | PASS    |
|                |         |         | NV            | NT               | 20680.00       | 3.213675        | 20          | PASS    |
|                | Ant2    | 6435    | NV            | NT               | 18880.00       | 2.933955        | 20          | PASS    |
|                |         |         | LV            | NT               | 17680.00       | 2.747475        | 20          | PASS    |
|                |         |         | HV            | NT               | 18280.00       | 2.840715        | 20          | PASS    |
|                | Ant1    | 6475    | NV            | NT               | 18280.00       | 2.823166        | 20          | PASS    |
|                |         |         | LV            | NT               | 21280.00       | 3.286486        | 20          | PASS    |
|                |         |         | HV            | NT               | 17680.00       | 2.730502        | 20          | PASS    |
|                | Ant2    | 6475    | HV            | NT               | 18280.00       | 2.823166        | 20          | PASS    |
|                |         |         | NV            | NT               | 18280.00       | 2.823166        | 20          | PASS    |
|                |         |         | LV            | NT               | 20080.00       | 3.101158        | 20          | PASS    |
|                | Ant1    | 6515    | HV            | NT               | 18580.00       | 2.851880        | 20          | PASS    |
|                |         |         | LV            | NT               | 18580.00       | 2.851880        | 20          | PASS    |
|                |         |         | NV            | NT               | 18580.00       | 2.851880        | 20          | PASS    |
|                | Ant2    | 6515    | HV            | NT               | 18280.00       | 2.805833        | 20          | PASS    |
|                |         |         | NV            | NT               | 19780.00       | 3.036071        | 20          | PASS    |
|                |         |         | LV            | NT               | 18880.00       | 2.897928        | 20          | PASS    |
|                | Ant1    | 6535    | HV            | NT               | 20080.00       | 3.072686        | 20          | PASS    |
|                |         |         | LV            | NT               | 20380.00       | 3.118592        | 20          | PASS    |
|                |         |         | NV            | NT               | 19480.00       | 2.980872        | 20          | PASS    |
|                | Ant2    | 6535    | HV            | NT               | 18580.00       | 2.843152        | 20          | PASS    |
|                |         |         | NV            | NT               | 18880.00       | 2.889059        | 20          | PASS    |
|                |         |         | LV            | NT               | 18580.00       | 2.843152        | 20          | PASS    |
|                | Ant1    | 6695    | NV            | NT               | 20680.00       | 3.088872        | 20          | PASS    |
|                |         |         | LV            | NT               | 18880.00       | 2.820015        | 20          | PASS    |
|                |         |         | HV            | NT               | 22780.00       | 3.402539        | 20          | PASS    |
|                | Ant2    | 6695    | NV            | NT               | 17980.00       | 2.685586        | 20          | PASS    |
|                |         |         | LV            | NT               | 20680.00       | 3.088872        | 20          | PASS    |
|                |         |         | HV            | NT               | 19780.00       | 2.954444        | 20          | PASS    |
|                | Ant1    | 6855    | LV            | NT               | 20980.00       | 3.060540        | 20          | PASS    |
|                |         |         | HV            | NT               | 20680.00       | 3.016776        | 20          | PASS    |
|                |         |         | NV            | NT               | 20680.00       | 3.016776        | 20          | PASS    |
|                | Ant2    | 6855    | NV            | NT               | 20680.00       | 3.016776        | 20          | PASS    |
|                |         |         | LV            | NT               | 20680.00       | 3.016776        | 20          | PASS    |
|                |         |         | HV            | NT               | 20980.00       | 3.060540        | 20          | PASS    |
|                | Ant1    | 6895    | HV            | NT               | 21280.00       | 3.086294        | 20          | PASS    |
|                |         |         | NV            | NT               | 20980.00       | 3.042785        | 20          | PASS    |
|                |         |         | LV            | NT               | 21280.00       | 3.086294        | 20          | PASS    |
|                | Ant2    | 6895    | HV            | NT               | 22180.00       | 3.216824        | 20          | PASS    |
|                |         |         | LV            | NT               | 20080.00       | 2.912255        | 20          | PASS    |

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|                |      |      |    |    |          |           |    |      |
|----------------|------|------|----|----|----------|-----------|----|------|
|                | Ant1 | 6995 | NV | NT | 21280.00 | 3.086294  | 20 | PASS |
|                |      |      | HV | NT | 18880.00 | 2.699071  | 20 | PASS |
|                |      |      | NV | NT | 20680.00 | 2.956397  | 20 | PASS |
|                |      |      | LV | NT | 19480.00 | 2.784846  | 20 | PASS |
|                | Ant2 | 6995 | HV | NT | 19780.00 | 2.827734  | 20 | PASS |
|                |      |      | NV | NT | 18280.00 | 2.613295  | 20 | PASS |
|                |      |      | LV | NT | 17980.00 | 2.570407  | 20 | PASS |
|                | Ant1 | 7095 | HV | NT | 71930.00 | 10.138125 | 20 | PASS |
|                |      |      | NV | NT | 74430.00 | 10.490486 | 20 | PASS |
|                |      |      | LV | NT | 69930.00 | 9.856237  | 20 | PASS |
|                | Ant2 | 7095 | LV | NT | 65430.00 | 9.221987  | 20 | PASS |
|                |      |      | NV | NT | 66930.00 | 9.433404  | 20 | PASS |
|                |      |      | HV | NT | 65430.00 | 9.221987  | 20 | PASS |
| 11AX40MIM<br>O | Ant1 | 5965 | NV | NT | 18880.00 | 3.165130  | 20 | PASS |
|                |      |      | LV | NT | 19180.00 | 3.215423  | 20 | PASS |
|                |      |      | HV | NT | 20080.00 | 3.366303  | 20 | PASS |
|                | Ant2 | 5965 | LV | NT | 20380.00 | 3.416597  | 20 | PASS |
|                |      |      | HV | NT | 20080.00 | 3.366303  | 20 | PASS |
|                |      |      | NV | NT | 18880.00 | 3.165130  | 20 | PASS |
|                | Ant1 | 6165 | NV | NT | 20680.00 | 3.354420  | 20 | PASS |
|                |      |      | LV | NT | 20080.00 | 3.257097  | 20 | PASS |
|                |      |      | HV | NT | 20380.00 | 3.305758  | 20 | PASS |
|                | Ant2 | 6165 | NV | NT | 20980.00 | 3.403082  | 20 | PASS |
|                |      |      | LV | NT | 21880.00 | 3.549067  | 20 | PASS |
|                |      |      | HV | NT | 21880.00 | 3.549067  | 20 | PASS |
|                | Ant1 | 6405 | NV | NT | 21580.00 | 3.369243  | 20 | PASS |
|                |      |      | LV | NT | 20680.00 | 3.228728  | 20 | PASS |
|                |      |      | HV | NT | 20380.00 | 3.181889  | 20 | PASS |
|                | Ant2 | 6405 | NV | NT | 20380.00 | 3.181889  | 20 | PASS |
|                |      |      | LV | NT | 20380.00 | 3.181889  | 20 | PASS |
|                |      |      | HV | NT | 19180.00 | 2.994536  | 20 | PASS |
|                | Ant1 | 6445 | NV | NT | 22180.00 | 3.441427  | 20 | PASS |
|                |      |      | LV | NT | 21280.00 | 3.301784  | 20 | PASS |
|                |      |      | HV | NT | 23080.00 | 3.581071  | 20 | PASS |
|                | Ant2 | 6445 | NV | NT | 19180.00 | 2.975950  | 20 | PASS |
|                |      |      | LV | NT | 19480.00 | 3.022498  | 20 | PASS |
|                |      |      | HV | NT | 20680.00 | 3.208689  | 20 | PASS |
|                | Ant1 | 6485 | NV | NT | 20680.00 | 3.188897  | 20 | PASS |
|                |      |      | LV | NT | 21580.00 | 3.327679  | 20 | PASS |
|                |      |      | HV | NT | 20980.00 | 3.235158  | 20 | PASS |
|                | Ant2 | 6485 | HV | NT | 21280.00 | 3.281419  | 20 | PASS |
|                |      |      | NV | NT | 19480.00 | 3.003855  | 20 | PASS |
|                |      |      | LV | NT | 20380.00 | 3.142637  | 20 | PASS |
|                | Ant1 | 6525 | HV | NT | 20080.00 | 3.077395  | 20 | PASS |
|                |      |      | NV | NT | 20080.00 | 3.077395  | 20 | PASS |
|                |      |      | LV | NT | 23080.00 | 3.537165  | 20 | PASS |
|                | Ant2 | 6525 | NV | NT | 22180.00 | 3.399234  | 20 | PASS |
|                |      |      | LV | NT | 20680.00 | 3.169349  | 20 | PASS |
|                |      |      | HV | NT | 21880.00 | 3.353257  | 20 | PASS |
|                | Ant1 | 6565 | HV | NT | 21580.00 | 3.287129  | 20 | PASS |
|                |      |      | NV | NT | 21580.00 | 3.287129  | 20 | PASS |
|                |      |      | LV | NT | 23380.00 | 3.561310  | 20 | PASS |
|                | Ant2 | 6565 | HV | NT | 20680.00 | 3.150038  | 20 | PASS |
|                |      |      | NV | NT | 21280.00 | 3.241432  | 20 | PASS |
|                |      |      | LV | NT | 20980.00 | 3.195735  | 20 | PASS |
|                | Ant1 | 6685 | HV | NT | 8690.00  | 1.299925  | 20 | PASS |
|                |      |      | LV | NT | 8990.00  | 1.344802  | 20 | PASS |
|                |      |      | NV | NT | 9890.00  | 1.479432  | 20 | PASS |
|                | Ant2 | 6685 | LV | NT | 6290.00  | 0.940912  | 20 | PASS |
|                |      |      | NV | NT | 5390.00  | 0.806283  | 20 | PASS |
|                |      |      | HV | NT | 5690.00  | 0.851159  | 20 | PASS |
|                | Ant1 | 6845 | HV | NT | 5390.00  | 0.787436  | 20 | PASS |
|                |      |      | NV | NT | 6290.00  | 0.918919  | 20 | PASS |
|                |      |      | LV | NT | 4500.00  | 0.657414  | 20 | PASS |
|                | Ant2 | 6845 | HV | NT | 8090.00  | 1.181885  | 20 | PASS |

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|                |      |      |    |    |          |          |    |      |
|----------------|------|------|----|----|----------|----------|----|------|
|                | Ant1 | 6925 | NV | NT | 6590.00  | 0.962747 | 20 | PASS |
|                |      |      | LV | NT | 3900.00  | 0.569759 | 20 | PASS |
|                |      |      | NV | NT | 14990.00 | 2.164621 | 20 | PASS |
|                |      |      | LV | NT | 15580.00 | 2.249819 | 20 | PASS |
|                | Ant2 | 6925 | HV | NT | 14090.00 | 2.034657 | 20 | PASS |
|                |      |      | HV | NT | 15880.00 | 2.293141 | 20 | PASS |
|                |      |      | LV | NT | 14990.00 | 2.164621 | 20 | PASS |
|                |      |      | NV | NT | 15880.00 | 2.293141 | 20 | PASS |
|                | Ant1 | 6965 | NV | NT | 17080.00 | 2.452261 | 20 | PASS |
|                |      |      | LV | NT | 17080.00 | 2.452261 | 20 | PASS |
|                |      |      | HV | NT | 16180.00 | 2.323044 | 20 | PASS |
|                |      |      | NV | NT | 14990.00 | 2.152190 | 20 | PASS |
|                | Ant2 | 6965 | LV | NT | 14090.00 | 2.022972 | 20 | PASS |
|                |      |      | HV | NT | 13190.00 | 1.893754 | 20 | PASS |
|                |      |      | HV | NT | 14390.00 | 2.031052 | 20 | PASS |
|                |      |      | NV | NT | 14690.00 | 2.073394 | 20 | PASS |
|                | Ant1 | 7085 | LV | NT | 14690.00 | 2.073394 | 20 | PASS |
|                |      |      | HV | NT | 15880.00 | 2.241355 | 20 | PASS |
|                |      |      | LV | NT | 13790.00 | 1.946366 | 20 | PASS |
|                |      |      | NV | NT | 13190.00 | 1.861680 | 20 | PASS |
|                | Ant2 | 7085 | NV | NT | 16180.00 | 2.703425 | 20 | PASS |
|                |      |      | LV | NT | 15580.00 | 2.603175 | 20 | PASS |
|                |      |      | HV | NT | 15880.00 | 2.653300 | 20 | PASS |
|                |      |      | NV | NT | 16480.00 | 2.753551 | 20 | PASS |
| 11AX80MIM<br>O | Ant2 | 5985 | LV | NT | 15880.00 | 2.653300 | 20 | PASS |
|                |      |      | HV | NT | 17080.00 | 2.853801 | 20 | PASS |
|                |      |      | NV | NT | 17680.00 | 2.877136 | 20 | PASS |
|                |      |      | LV | NT | 15280.00 | 2.486574 | 20 | PASS |
|                | Ant1 | 6145 | HV | NT | 15580.00 | 2.535395 | 20 | PASS |
|                |      |      | NV | NT | 15580.00 | 2.535395 | 20 | PASS |
|                |      |      | LV | NT | 16780.00 | 2.730675 | 20 | PASS |
|                |      |      | HV | NT | 17080.00 | 2.779496 | 20 | PASS |
|                | Ant2 | 6145 | NV | NT | 18580.00 | 2.909945 | 20 | PASS |
|                |      |      | LV | NT | 19180.00 | 3.003915 | 20 | PASS |
|                |      |      | HV | NT | 16180.00 | 2.534064 | 20 | PASS |
|                |      |      | NV | NT | 17380.00 | 2.722005 | 20 | PASS |
|                | Ant1 | 6385 | HV | NT | 17080.00 | 2.675020 | 20 | PASS |
|                |      |      | LV | NT | 18280.00 | 2.862960 | 20 | PASS |
|                |      |      | NV | NT | 20080.00 | 3.105955 | 20 | PASS |
|                |      |      | LV | NT | 18580.00 | 2.873937 | 20 | PASS |
|                | Ant2 | 6385 | HV | NT | 19180.00 | 2.966744 | 20 | PASS |
|                |      |      | NV | NT | 19180.00 | 2.966744 | 20 | PASS |
|                |      |      | LV | NT | 18880.00 | 2.920340 | 20 | PASS |
|                |      |      | HV | NT | 18280.00 | 2.827533 | 20 | PASS |
|                | Ant1 | 6465 | NV | NT | 17980.00 | 2.747135 | 20 | PASS |
|                |      |      | LV | NT | 20380.00 | 3.113827 | 20 | PASS |
|                |      |      | HV | NT | 18280.00 | 2.792972 | 20 | PASS |
|                |      |      | NV | NT | 18280.00 | 2.792972 | 20 | PASS |
|                | Ant2 | 6465 | LV | NT | 17380.00 | 2.655462 | 20 | PASS |
|                |      |      | HV | NT | 18280.00 | 2.792972 | 20 | PASS |
|                |      |      | NV | NT | 18880.00 | 2.849811 | 20 | PASS |
|                |      |      | LV | NT | 18580.00 | 2.804528 | 20 | PASS |
|                | Ant1 | 6625 | HV | NT | 18880.00 | 2.849811 | 20 | PASS |
|                |      |      | NV | NT | 16780.00 | 2.532830 | 20 | PASS |
|                |      |      | HV | NT | 16180.00 | 2.442264 | 20 | PASS |
|                |      |      | LV | NT | 15880.00 | 2.396981 | 20 | PASS |
|                | Ant2 | 6625 | NV | NT | 17680.00 | 2.636838 | 20 | PASS |
|                |      |      | LV | NT | 19480.00 | 2.905295 | 20 | PASS |
|                |      |      | HV | NT | 18280.00 | 2.726324 | 20 | PASS |
|                |      |      | NV | NT | 17680.00 | 2.636838 | 20 | PASS |
|                | Ant1 | 6705 | LV | NT | 18580.00 | 2.771066 | 20 | PASS |
|                |      |      | HV | NT | 18280.00 | 2.726324 | 20 | PASS |
|                |      |      | NV | NT | 20680.00 | 3.047900 | 20 | PASS |
|                |      |      | LV | NT | 19480.00 | 2.871039 | 20 | PASS |
|                | Ant2 | 6705 | HV | NT | 20080.00 | 2.959469 | 20 | PASS |
|                |      |      | NV | NT | 20080.00 | 2.959469 | 20 | PASS |
|                |      |      | LV | NT | 20080.00 | 2.959469 | 20 | PASS |
|                |      |      | HV | NT | 20080.00 | 2.959469 | 20 | PASS |

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|                 |      |      |    |    |          |          |    |      |
|-----------------|------|------|----|----|----------|----------|----|------|
|                 | Ant2 | 6785 | LV | NT | 19180.00 | 2.826824 | 20 | PASS |
|                 |      |      | HV | NT | 19180.00 | 2.826824 | 20 | PASS |
|                 |      |      | NV | NT | 19480.00 | 2.871039 | 20 | PASS |
|                 | Ant1 | 6865 | LV | NT | 18880.00 | 2.750182 | 20 | PASS |
|                 |      |      | HV | NT | 18280.00 | 2.662782 | 20 | PASS |
|                 |      |      | NV | NT | 20380.00 | 2.968682 | 20 | PASS |
|                 | Ant2 | 6865 | NV | NT | 18880.00 | 2.750182 | 20 | PASS |
|                 |      |      | LV | NT | 18880.00 | 2.750182 | 20 | PASS |
|                 |      |      | HV | NT | 19180.00 | 2.793882 | 20 | PASS |
|                 | Ant1 | 6945 | NV | NT | 21580.00 | 3.107271 | 20 | PASS |
|                 |      |      | LV | NT | 19780.00 | 2.848092 | 20 | PASS |
|                 |      |      | HV | NT | 19480.00 | 2.804896 | 20 | PASS |
|                 | Ant2 | 6945 | NV | NT | 18580.00 | 2.675306 | 20 | PASS |
|                 |      |      | LV | NT | 19180.00 | 2.761699 | 20 | PASS |
|                 |      |      | HV | NT | 19480.00 | 2.804896 | 20 | PASS |
|                 | Ant1 | 7025 | NV | NT | 40460.00 | 5.759431 | 20 | PASS |
|                 |      |      | HV | NT | 42260.00 | 6.015658 | 20 | PASS |
|                 |      |      | LV | NT | 41960.00 | 5.972954 | 20 | PASS |
|                 | Ant2 | 7025 | NV | NT | 46450.00 | 6.612100 | 20 | PASS |
|                 |      |      | LV | NT | 44360.00 | 6.314591 | 20 | PASS |
|                 |      |      | HV | NT | 42860.00 | 6.101068 | 20 | PASS |
| 11AX160MI<br>MO | Ant1 | 6025 | NV | NT | 27570.00 | 4.575934 | 20 | PASS |
|                 |      |      | LV | NT | 25770.00 | 4.277178 | 20 | PASS |
|                 |      |      | HV | NT | 24580.00 | 4.079668 | 20 | PASS |
|                 | Ant2 | 6025 | NV | NT | 22180.00 | 3.681328 | 20 | PASS |
|                 |      |      | LV | NT | 20080.00 | 3.332780 | 20 | PASS |
|                 |      |      | HV | NT | 20080.00 | 3.332780 | 20 | PASS |
|                 | Ant1 | 6185 | HV | NT | 19480.00 | 3.149555 | 20 | PASS |
|                 |      |      | LV | NT | 20380.00 | 3.295069 | 20 | PASS |
|                 |      |      | NV | NT | 19780.00 | 3.198060 | 20 | PASS |
|                 | Ant2 | 6185 | HV | NT | 18280.00 | 2.955538 | 20 | PASS |
|                 |      |      | NV | NT | 17380.00 | 2.810024 | 20 | PASS |
|                 |      |      | LV | NT | 19180.00 | 3.101051 | 20 | PASS |
|                 | Ant1 | 6345 | NV | NT | 20080.00 | 3.164697 | 20 | PASS |
|                 |      |      | LV | NT | 18880.00 | 2.975571 | 20 | PASS |
|                 |      |      | HV | NT | 18280.00 | 2.881009 | 20 | PASS |
|                 | Ant2 | 6345 | HV | NT | 17080.00 | 2.691883 | 20 | PASS |
|                 |      |      | NV | NT | 16780.00 | 2.644602 | 20 | PASS |
|                 |      |      | LV | NT | 16780.00 | 2.644602 | 20 | PASS |
|                 | Ant1 | 6505 | NV | NT | 20080.00 | 3.086856 | 20 | PASS |
|                 |      |      | LV | NT | 18580.00 | 2.856264 | 20 | PASS |
|                 |      |      | HV | NT | 18880.00 | 2.902383 | 20 | PASS |
|                 | Ant2 | 6505 | LV | NT | 19780.00 | 3.040738 | 20 | PASS |
|                 |      |      | NV | NT | 17980.00 | 2.764028 | 20 | PASS |
|                 |      |      | HV | NT | 18280.00 | 2.810146 | 20 | PASS |
|                 | Ant1 | 6665 | LV | NT | 18280.00 | 2.742686 | 20 | PASS |
|                 |      |      | HV | NT | 17380.00 | 2.607652 | 20 | PASS |
|                 |      |      | NV | NT | 20680.00 | 3.102776 | 20 | PASS |
|                 | Ant2 | 6665 | NV | NT | 18280.00 | 2.742686 | 20 | PASS |
|                 |      |      | LV | NT | 19480.00 | 2.922731 | 20 | PASS |
|                 |      |      | HV | NT | 16780.00 | 2.517629 | 20 | PASS |
|                 | Ant1 | 6825 | LV | NT | 19480.00 | 2.854212 | 20 | PASS |
|                 |      |      | NV | NT | 20080.00 | 2.942125 | 20 | PASS |
|                 |      |      | HV | NT | 19780.00 | 2.898168 | 20 | PASS |
|                 | Ant2 | 6825 | NV | NT | 19180.00 | 2.810256 | 20 | PASS |
|                 |      |      | LV | NT | 19180.00 | 2.810256 | 20 | PASS |
|                 |      |      | HV | NT | 20080.00 | 2.942125 | 20 | PASS |
|                 | Ant1 | 6985 | NV | NT | 17380.00 | 2.488189 | 20 | PASS |
|                 |      |      | LV | NT | 17380.00 | 2.488189 | 20 | PASS |
|                 |      |      | HV | NT | 17680.00 | 2.531138 | 20 | PASS |
|                 | Ant2 | 6985 | NV | NT | 25770.00 | 3.689334 | 20 | PASS |
|                 |      |      | LV | NT | 22180.00 | 3.175376 | 20 | PASS |
|                 |      |      | HV | NT | 21580.00 | 3.089477 | 20 | PASS |

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| Temperature    |         |         |               |                  |                |                 |             |         |
|----------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode       | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11AX20MIM<br>O | Ant1    | 5955    | NV            | 0                | 18580.00       | 3.120067        | 20          | PASS    |
|                |         |         | NV            | 10               | 17980.00       | 3.019312        | 20          | PASS    |
|                |         |         | NV            | 20               | 18880.00       | 3.170445        | 20          | PASS    |
|                |         |         | NV            | 30               | 18880.00       | 3.170445        | 20          | PASS    |
|                | Ant2    | 5955    | NV            | 0                | 18280.00       | 3.069689        | 20          | PASS    |
|                |         |         | NV            | 10               | 18280.00       | 3.069689        | 20          | PASS    |
|                |         |         | NV            | 20               | 18880.00       | 3.170445        | 20          | PASS    |
|                |         |         | NV            | 30               | 18280.00       | 3.069689        | 20          | PASS    |
|                | Ant1    | 6175    | NV            | 0                | 17380.00       | 2.814575        | 20          | PASS    |
|                |         |         | NV            | 10               | 17080.00       | 2.765992        | 20          | PASS    |
|                |         |         | NV            | 20               | 17980.00       | 2.911741        | 20          | PASS    |
|                |         |         | NV            | 30               | 16780.00       | 2.717409        | 20          | PASS    |
|                | Ant2    | 6175    | NV            | 0                | 18880.00       | 3.057490        | 20          | PASS    |
|                |         |         | NV            | 10               | 18880.00       | 3.057490        | 20          | PASS    |
|                |         |         | NV            | 20               | 18280.00       | 2.960324        | 20          | PASS    |
|                |         |         | NV            | 30               | 17980.00       | 2.911741        | 20          | PASS    |
|                | Ant1    | 6415    | NV            | 0                | 17380.00       | 2.709275        | 20          | PASS    |
|                |         |         | NV            | 10               | 19180.00       | 2.989867        | 20          | PASS    |
|                |         |         | NV            | 20               | 18580.00       | 2.896337        | 20          | PASS    |
|                |         |         | NV            | 30               | 18880.00       | 2.943102        | 20          | PASS    |
|                | Ant2    | 6415    | NV            | 0                | 20380.00       | 3.176929        | 20          | PASS    |
|                |         |         | NV            | 10               | 18280.00       | 2.849571        | 20          | PASS    |
|                |         |         | NV            | 20               | 18580.00       | 2.896337        | 20          | PASS    |
|                |         |         | NV            | 30               | 20380.00       | 3.176929        | 20          | PASS    |
|                | Ant1    | 6435    | NV            | 0                | 18580.00       | 2.887335        | 20          | PASS    |
|                |         |         | NV            | 10               | 18280.00       | 2.840715        | 20          | PASS    |
|                |         |         | NV            | 20               | 17380.00       | 2.700855        | 20          | PASS    |
|                |         |         | NV            | 30               | 18580.00       | 2.887335        | 20          | PASS    |
|                | Ant2    | 6435    | NV            | 0                | 17980.00       | 2.794095        | 20          | PASS    |
|                |         |         | NV            | 10               | 18280.00       | 2.840715        | 20          | PASS    |
|                |         |         | NV            | 20               | 18280.00       | 2.840715        | 20          | PASS    |
|                |         |         | NV            | 30               | 17680.00       | 2.747475        | 20          | PASS    |
|                | Ant1    | 6475    | NV            | 0                | 17680.00       | 2.730502        | 20          | PASS    |
|                |         |         | NV            | 10               | 18280.00       | 2.823166        | 20          | PASS    |
|                |         |         | NV            | 20               | 18280.00       | 2.823166        | 20          | PASS    |
|                |         |         | NV            | 30               | 19480.00       | 3.008494        | 20          | PASS    |
|                | Ant2    | 6475    | NV            | 0                | 20080.00       | 3.101158        | 20          | PASS    |
|                |         |         | NV            | 10               | 17080.00       | 2.637838        | 20          | PASS    |
|                |         |         | NV            | 20               | 20680.00       | 3.193822        | 20          | PASS    |
|                |         |         | NV            | 30               | 19180.00       | 2.962162        | 20          | PASS    |
|                | Ant1    | 6515    | NV            | 0                | 18580.00       | 2.851880        | 20          | PASS    |
|                |         |         | NV            | 10               | 20080.00       | 3.082118        | 20          | PASS    |
|                |         |         | NV            | 20               | 16780.00       | 2.575595        | 20          | PASS    |
|                |         |         | NV            | 30               | 18280.00       | 2.805833        | 20          | PASS    |
|                | Ant2    | 6515    | NV            | 0                | 19180.00       | 2.943975        | 20          | PASS    |
|                |         |         | NV            | 10               | 16780.00       | 2.575595        | 20          | PASS    |
|                |         |         | NV            | 20               | 18880.00       | 2.897928        | 20          | PASS    |
|                |         |         | NV            | 30               | 20080.00       | 3.082118        | 20          | PASS    |
|                | Ant1    | 6535    | NV            | 0                | 18880.00       | 2.889059        | 20          | PASS    |
|                |         |         | NV            | 10               | 19180.00       | 2.934966        | 20          | PASS    |
|                |         |         | NV            | 20               | 17980.00       | 2.751339        | 20          | PASS    |
|                |         |         | NV            | 30               | 19780.00       | 3.026779        | 20          | PASS    |
|                | Ant2    | 6535    | NV            | 0                | 18280.00       | 2.797246        | 20          | PASS    |
|                |         |         | NV            | 10               | 18580.00       | 2.843152        | 20          | PASS    |
|                |         |         | NV            | 20               | 19780.00       | 3.026779        | 20          | PASS    |
|                |         |         | NV            | 30               | 19780.00       | 3.026779        | 20          | PASS    |
|                | Ant1    | 6695    | NV            | 0                | 20680.00       | 3.088872        | 20          | PASS    |
|                |         |         | NV            | 10               | 21580.00       | 3.223301        | 20          | PASS    |
|                |         |         | NV            | 20               | 20680.00       | 3.088872        | 20          | PASS    |
|                |         |         | NV            | 30               | 20680.00       | 3.088872        | 20          | PASS    |

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|                |      |      |    |    |          |          |    |      |
|----------------|------|------|----|----|----------|----------|----|------|
|                | Ant2 | 6695 | NV | 0  | 17680.00 | 2.640777 | 20 | PASS |
|                |      |      | NV | 10 | 20080.00 | 2.999253 | 20 | PASS |
|                |      |      | NV | 20 | 20080.00 | 2.999253 | 20 | PASS |
|                |      |      | NV | 30 | 20380.00 | 3.044063 | 20 | PASS |
|                | Ant1 | 6855 | NV | 0  | 20380.00 | 2.973012 | 20 | PASS |
|                |      |      | NV | 10 | 21280.00 | 3.104303 | 20 | PASS |
|                |      |      | NV | 20 | 20380.00 | 2.973012 | 20 | PASS |
|                |      |      | NV | 30 | 20380.00 | 2.973012 | 20 | PASS |
|                | Ant2 | 6855 | NV | 0  | 21880.00 | 3.191831 | 20 | PASS |
|                |      |      | NV | 10 | 21280.00 | 3.104303 | 20 | PASS |
|                |      |      | NV | 20 | 20380.00 | 2.973012 | 20 | PASS |
|                |      |      | NV | 30 | 21280.00 | 3.104303 | 20 | PASS |
|                | Ant1 | 6895 | NV | 0  | 22180.00 | 3.216824 | 20 | PASS |
|                |      |      | NV | 10 | 20980.00 | 3.042785 | 20 | PASS |
|                |      |      | NV | 20 | 21880.00 | 3.173314 | 20 | PASS |
|                |      |      | NV | 30 | 22180.00 | 3.216824 | 20 | PASS |
|                | Ant2 | 6895 | NV | 0  | 21280.00 | 3.086294 | 20 | PASS |
|                |      |      | NV | 10 | 20980.00 | 3.042785 | 20 | PASS |
|                |      |      | NV | 20 | 21280.00 | 3.086294 | 20 | PASS |
|                |      |      | NV | 30 | 20380.00 | 2.955765 | 20 | PASS |
|                | Ant1 | 6995 | NV | 0  | 18880.00 | 2.699071 | 20 | PASS |
|                |      |      | NV | 10 | 18580.00 | 2.656183 | 20 | PASS |
|                |      |      | NV | 20 | 18880.00 | 2.699071 | 20 | PASS |
|                |      |      | NV | 30 | 18880.00 | 2.699071 | 20 | PASS |
|                | Ant2 | 6995 | NV | 0  | 17680.00 | 2.527520 | 20 | PASS |
|                |      |      | NV | 10 | 18280.00 | 2.613295 | 20 | PASS |
|                |      |      | NV | 20 | 19180.00 | 2.741959 | 20 | PASS |
|                |      |      | NV | 30 | 19180.00 | 2.741959 | 20 | PASS |
|                | Ant1 | 7095 | NV | 0  | 65930.00 | 9.292459 | 20 | PASS |
|                |      |      | NV | 10 | 67430.00 | 9.503876 | 20 | PASS |
|                |      |      | NV | 20 | 67430.00 | 9.503876 | 20 | PASS |
|                |      |      | NV | 30 | 68930.00 | 9.715292 | 20 | PASS |
|                | Ant2 | 7095 | NV | 0  | 65930.00 | 9.292459 | 20 | PASS |
|                |      |      | NV | 10 | 65930.00 | 9.292459 | 20 | PASS |
|                |      |      | NV | 20 | 66430.00 | 9.362932 | 20 | PASS |
|                |      |      | NV | 30 | 65930.00 | 9.292459 | 20 | PASS |
|                | Ant1 | 7115 | NV | 0  | 18280.00 | 2.569220 | 20 | PASS |
|                |      |      | NV | 10 | 19480.00 | 2.737878 | 20 | PASS |
|                |      |      | NV | 20 | 18280.00 | 2.569220 | 20 | PASS |
|                |      |      | NV | 30 | 17980.00 | 2.527056 | 20 | PASS |
|                | Ant2 | 7115 | NV | 0  | 18880.00 | 2.653549 | 20 | PASS |
|                |      |      | NV | 10 | 18880.00 | 2.653549 | 20 | PASS |
|                |      |      | NV | 20 | 18280.00 | 2.569220 | 20 | PASS |
|                |      |      | NV | 30 | 18580.00 | 2.611384 | 20 | PASS |
| 11AX40MIM<br>O | Ant1 | 5965 | NV | 0  | 19780.00 | 3.316010 | 20 | PASS |
|                |      |      | NV | 10 | 20080.00 | 3.366303 | 20 | PASS |
|                |      |      | NV | 20 | 19780.00 | 3.316010 | 20 | PASS |
|                |      |      | NV | 30 | 20080.00 | 3.366303 | 20 | PASS |
|                | Ant2 | 5965 | NV | 0  | 20680.00 | 3.466890 | 20 | PASS |
|                |      |      | NV | 10 | 19180.00 | 3.215423 | 20 | PASS |
|                |      |      | NV | 20 | 20080.00 | 3.366303 | 20 | PASS |
|                |      |      | NV | 30 | 19480.00 | 3.265717 | 20 | PASS |
|                | Ant1 | 6165 | NV | 0  | 21280.00 | 3.451744 | 20 | PASS |
|                |      |      | NV | 10 | 19780.00 | 3.208435 | 20 | PASS |
|                |      |      | NV | 20 | 21580.00 | 3.500406 | 20 | PASS |
|                |      |      | NV | 30 | 20980.00 | 3.403082 | 20 | PASS |
|                | Ant2 | 6165 | NV | 0  | 18880.00 | 3.062449 | 20 | PASS |
|                |      |      | NV | 10 | 20980.00 | 3.403082 | 20 | PASS |
|                |      |      | NV | 20 | 22180.00 | 3.597729 | 20 | PASS |
|                |      |      | NV | 30 | 21280.00 | 3.451744 | 20 | PASS |
|                | Ant1 | 6405 | NV | 0  | 22780.00 | 3.556596 | 20 | PASS |
|                |      |      | NV | 10 | 20380.00 | 3.181889 | 20 | PASS |
|                |      |      | NV | 20 | 17980.00 | 2.807182 | 20 | PASS |
|                |      |      | NV | 30 | 20680.00 | 3.228728 | 20 | PASS |
|                | Ant2 | 6405 | NV | 0  | 19480.00 | 3.041374 | 20 | PASS |

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|      |      |  |    |    |          |          |    |      |
|------|------|--|----|----|----------|----------|----|------|
|      |      |  | NV | 10 | 20680.00 | 3.228728 | 20 | PASS |
|      |      |  | NV | 20 | 20080.00 | 3.135051 | 20 | PASS |
|      |      |  | NV | 30 | 20380.00 | 3.181889 | 20 | PASS |
|      |      |  | NV | 0  | 20380.00 | 3.162141 | 20 | PASS |
| Ant1 | 6445 |  | NV | 10 | 19780.00 | 3.069046 | 20 | PASS |
|      |      |  | NV | 20 | 20680.00 | 3.208689 | 20 | PASS |
|      |      |  | NV | 30 | 22480.00 | 3.487975 | 20 | PASS |
|      |      |  | NV | 0  | 20680.00 | 3.208689 | 20 | PASS |
| Ant2 | 6445 |  | NV | 10 | 20380.00 | 3.162141 | 20 | PASS |
|      |      |  | NV | 20 | 20680.00 | 3.208689 | 20 | PASS |
|      |      |  | NV | 30 | 19180.00 | 2.975950 | 20 | PASS |
|      |      |  | NV | 0  | 20380.00 | 3.142637 | 20 | PASS |
| Ant1 | 6485 |  | NV | 10 | 21580.00 | 3.327679 | 20 | PASS |
|      |      |  | NV | 20 | 20680.00 | 3.188897 | 20 | PASS |
|      |      |  | NV | 30 | 20380.00 | 3.142637 | 20 | PASS |
|      |      |  | NV | 0  | 21280.00 | 3.281419 | 20 | PASS |
| Ant2 | 6485 |  | NV | 10 | 20380.00 | 3.142637 | 20 | PASS |
|      |      |  | NV | 20 | 20380.00 | 3.142637 | 20 | PASS |
|      |      |  | NV | 30 | 20980.00 | 3.235158 | 20 | PASS |
|      |      |  | NV | 0  | 21880.00 | 3.353257 | 20 | PASS |
| Ant1 | 6525 |  | NV | 10 | 20080.00 | 3.077395 | 20 | PASS |
|      |      |  | NV | 20 | 20680.00 | 3.169349 | 20 | PASS |
|      |      |  | NV | 30 | 23080.00 | 3.537165 | 20 | PASS |
|      |      |  | NV | 0  | 18280.00 | 2.801533 | 20 | PASS |
| Ant2 | 6525 |  | NV | 10 | 22480.00 | 3.445211 | 20 | PASS |
|      |      |  | NV | 20 | 21280.00 | 3.261303 | 20 | PASS |
|      |      |  | NV | 30 | 20080.00 | 3.077395 | 20 | PASS |
|      |      |  | NV | 0  | 20380.00 | 3.104341 | 20 | PASS |
| Ant1 | 6565 |  | NV | 10 | 22780.00 | 3.469916 | 20 | PASS |
|      |      |  | NV | 20 | 21280.00 | 3.241432 | 20 | PASS |
|      |      |  | NV | 30 | 20380.00 | 3.104341 | 20 | PASS |
|      |      |  | NV | 0  | 22180.00 | 3.378522 | 20 | PASS |
| Ant2 | 6565 |  | NV | 10 | 19480.00 | 2.967251 | 20 | PASS |
|      |      |  | NV | 20 | 21880.00 | 3.332826 | 20 | PASS |
|      |      |  | NV | 30 | 20380.00 | 3.104341 | 20 | PASS |
|      |      |  | NV | 0  | 5090.00  | 0.761406 | 20 | PASS |
| Ant1 | 6685 |  | NV | 10 | 6290.00  | 0.940912 | 20 | PASS |
|      |      |  | NV | 20 | 3300.00  | 0.493642 | 20 | PASS |
|      |      |  | NV | 30 | 7790.00  | 1.165295 | 20 | PASS |
|      |      |  | NV | 0  | 4500.00  | 0.673149 | 20 | PASS |
| Ant2 | 6685 |  | NV | 10 | 5390.00  | 0.806283 | 20 | PASS |
|      |      |  | NV | 20 | 5690.00  | 0.851159 | 20 | PASS |
|      |      |  | NV | 30 | 4200.00  | 0.628272 | 20 | PASS |
|      |      |  | NV | 0  | 5990.00  | 0.875091 | 20 | PASS |
| Ant1 | 6845 |  | NV | 10 | 7190.00  | 1.050402 | 20 | PASS |
|      |      |  | NV | 20 | 6290.00  | 0.918919 | 20 | PASS |
|      |      |  | NV | 30 | 6590.00  | 0.962747 | 20 | PASS |
|      |      |  | NV | 0  | 7790.00  | 1.138057 | 20 | PASS |
| Ant2 | 6845 |  | NV | 10 | 6590.00  | 0.962747 | 20 | PASS |
|      |      |  | NV | 20 | 5990.00  | 0.875091 | 20 | PASS |
|      |      |  | NV | 30 | 5390.00  | 0.787436 | 20 | PASS |
|      |      |  | NV | 0  | 7190.00  | 1.044299 | 20 | PASS |
| Ant1 | 6885 |  | NV | 10 | 7190.00  | 1.044299 | 20 | PASS |
|      |      |  | NV | 20 | 9590.00  | 1.392883 | 20 | PASS |
|      |      |  | NV | 30 | 9290.00  | 1.349310 | 20 | PASS |
|      |      |  | NV | 0  | 7790.00  | 1.131445 | 20 | PASS |
| Ant2 | 6885 |  | NV | 10 | 7490.00  | 1.087872 | 20 | PASS |
|      |      |  | NV | 20 | 7790.00  | 1.131445 | 20 | PASS |
|      |      |  | NV | 30 | 6890.00  | 1.000726 | 20 | PASS |
|      |      |  | NV | 0  | 14690.00 | 2.121300 | 20 | PASS |
| Ant1 | 6925 |  | NV | 10 | 14390.00 | 2.077978 | 20 | PASS |
|      |      |  | NV | 20 | 14090.00 | 2.034657 | 20 | PASS |
|      |      |  | NV | 30 | 14690.00 | 2.121300 | 20 | PASS |
|      |      |  | NV | 0  | 16180.00 | 2.336462 | 20 | PASS |
| Ant2 | 6925 |  | NV | 10 | 15880.00 | 2.293141 | 20 | PASS |
|      |      |  | NV | 10 | 15880.00 | 2.293141 | 20 | PASS |

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|                |      |      |    |    |          |          |    |      |
|----------------|------|------|----|----|----------|----------|----|------|
|                | Ant1 | 6965 | NV | 20 | 16180.00 | 2.336462 | 20 | PASS |
|                |      |      | NV | 30 | 15880.00 | 2.293141 | 20 | PASS |
|                |      |      | NV | 0  | 14990.00 | 2.152190 | 20 | PASS |
|                |      |      | NV | 10 | 14390.00 | 2.066045 | 20 | PASS |
|                |      |      | NV | 20 | 15280.00 | 2.193826 | 20 | PASS |
|                | Ant2 | 6965 | NV | 30 | 14390.00 | 2.066045 | 20 | PASS |
|                |      |      | NV | 0  | 13190.00 | 1.893754 | 20 | PASS |
|                |      |      | NV | 10 | 14090.00 | 2.022972 | 20 | PASS |
|                |      |      | NV | 20 | 14690.00 | 2.109117 | 20 | PASS |
|                | Ant1 | 7085 | NV | 30 | 15280.00 | 2.193826 | 20 | PASS |
|                |      |      | NV | 0  | 14990.00 | 2.115737 | 20 | PASS |
|                |      |      | NV | 10 | 13490.00 | 1.904023 | 20 | PASS |
|                |      |      | NV | 20 | 14090.00 | 1.988709 | 20 | PASS |
|                | Ant2 | 7085 | NV | 30 | 13190.00 | 1.861680 | 20 | PASS |
|                |      |      | NV | 0  | 13790.00 | 1.946366 | 20 | PASS |
|                |      |      | NV | 10 | 14390.00 | 2.031052 | 20 | PASS |
|                |      |      | NV | 20 | 13790.00 | 1.946366 | 20 | PASS |
| 11AX80MIM<br>O | Ant1 | 5985 | NV | 30 | 12290.00 | 1.734651 | 20 | PASS |
|                |      |      | NV | 0  | 16180.00 | 2.703425 | 20 | PASS |
|                |      |      | NV | 10 | 15580.00 | 2.603175 | 20 | PASS |
|                |      |      | NV | 20 | 15580.00 | 2.603175 | 20 | PASS |
|                | Ant2 | 5985 | NV | 30 | 16480.00 | 2.753551 | 20 | PASS |
|                |      |      | NV | 0  | 16780.00 | 2.803676 | 20 | PASS |
|                |      |      | NV | 10 | 15880.00 | 2.653300 | 20 | PASS |
|                |      |      | NV | 20 | 15580.00 | 2.603175 | 20 | PASS |
|                | Ant1 | 6145 | NV | 30 | 15580.00 | 2.603175 | 20 | PASS |
|                |      |      | NV | 0  | 15280.00 | 2.486574 | 20 | PASS |
|                |      |      | NV | 10 | 15880.00 | 2.584215 | 20 | PASS |
|                |      |      | NV | 20 | 15280.00 | 2.486574 | 20 | PASS |
|                | Ant2 | 6145 | NV | 30 | 17380.00 | 2.828316 | 20 | PASS |
|                |      |      | NV | 0  | 17380.00 | 2.828316 | 20 | PASS |
|                |      |      | NV | 10 | 14990.00 | 2.439382 | 20 | PASS |
|                |      |      | NV | 20 | 17980.00 | 2.925956 | 20 | PASS |
|                | Ant1 | 6385 | NV | 30 | 17980.00 | 2.925956 | 20 | PASS |
|                |      |      | NV | 0  | 17980.00 | 2.722005 | 20 | PASS |
|                |      |      | NV | 10 | 18580.00 | 2.909945 | 20 | PASS |
|                |      |      | NV | 20 | 17380.00 | 2.722005 | 20 | PASS |
|                | Ant2 | 6385 | NV | 30 | 18580.00 | 2.909945 | 20 | PASS |
|                |      |      | NV | 0  | 17980.00 | 2.815975 | 20 | PASS |
|                |      |      | NV | 10 | 17980.00 | 2.815975 | 20 | PASS |
|                |      |      | NV | 20 | 17380.00 | 2.722005 | 20 | PASS |
|                | Ant1 | 6465 | NV | 30 | 17380.00 | 2.722005 | 20 | PASS |
|                |      |      | NV | 0  | 18280.00 | 2.827533 | 20 | PASS |
|                |      |      | NV | 10 | 18880.00 | 2.920340 | 20 | PASS |
|                |      |      | NV | 20 | 20080.00 | 3.105955 | 20 | PASS |
|                | Ant2 | 6465 | NV | 30 | 18280.00 | 2.827533 | 20 | PASS |
|                |      |      | NV | 0  | 17980.00 | 2.781129 | 20 | PASS |
|                |      |      | NV | 10 | 16780.00 | 2.595514 | 20 | PASS |
|                |      |      | NV | 20 | 17380.00 | 2.688322 | 20 | PASS |
|                | Ant1 | 6545 | NV | 30 | 17380.00 | 2.688322 | 20 | PASS |
|                |      |      | NV | 0  | 16780.00 | 2.563789 | 20 | PASS |
|                |      |      | NV | 10 | 16780.00 | 2.563789 | 20 | PASS |
|                |      |      | NV | 20 | 17380.00 | 2.655462 | 20 | PASS |
|                | Ant2 | 6545 | NV | 30 | 18280.00 | 2.792972 | 20 | PASS |
|                |      |      | NV | 0  | 17680.00 | 2.701299 | 20 | PASS |
|                |      |      | NV | 10 | 18580.00 | 2.838808 | 20 | PASS |
|                |      |      | NV | 20 | 17680.00 | 2.701299 | 20 | PASS |
|                | Ant1 | 6625 | NV | 30 | 17680.00 | 2.701299 | 20 | PASS |
|                |      |      | NV | 0  | 18580.00 | 2.804528 | 20 | PASS |
|                |      |      | NV | 10 | 16480.00 | 2.487547 | 20 | PASS |
|                |      |      | NV | 20 | 18880.00 | 2.849811 | 20 | PASS |
|                | Ant2 | 6625 | NV | 30 | 20080.00 | 3.030943 | 20 | PASS |
|                |      |      | NV | 0  | 17380.00 | 2.623396 | 20 | PASS |
|                |      |      | NV | 10 | 18580.00 | 2.804528 | 20 | PASS |
|                |      |      | NV | 20 | 17080.00 | 2.578113 | 20 | PASS |

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|                 |  |      |      |    |    |            |            |    |      |
|-----------------|--|------|------|----|----|------------|------------|----|------|
|                 |  | Ant1 | 6705 | NV | 30 | 17380.00   | 2.623396   | 20 | PASS |
|                 |  |      |      | NV | 0  | 17680.00   | 2.636838   | 20 | PASS |
|                 |  |      |      | NV | 10 | 17980.00   | 2.681581   | 20 | PASS |
|                 |  |      |      | NV | 20 | 17080.00   | 2.547353   | 20 | PASS |
|                 |  | Ant2 | 6705 | NV | 30 | 17680.00   | 2.636838   | 20 | PASS |
|                 |  |      |      | NV | 0  | 18280.00   | 2.726324   | 20 | PASS |
|                 |  |      |      | NV | 10 | 18580.00   | 2.771066   | 20 | PASS |
|                 |  |      |      | NV | 20 | 16480.00   | 2.457867   | 20 | PASS |
|                 |  | Ant1 | 6785 | NV | 30 | 16780.00   | 2.502610   | 20 | PASS |
|                 |  |      |      | NV | 0  | 18280.00   | 2.694178   | 20 | PASS |
|                 |  |      |      | NV | 10 | 19480.00   | 2.871039   | 20 | PASS |
|                 |  |      |      | NV | 20 | 19780.00   | 2.915254   | 20 | PASS |
|                 |  | Ant2 | 6785 | NV | 30 | 17680.00   | 2.605748   | 20 | PASS |
|                 |  |      |      | NV | 0  | 17680.00   | 2.605748   | 20 | PASS |
|                 |  |      |      | NV | 10 | 18580.00   | 2.738394   | 20 | PASS |
|                 |  |      |      | NV | 20 | 20080.00   | 2.959469   | 20 | PASS |
|                 |  | Ant1 | 6865 | NV | 30 | 19180.00   | 2.826824   | 20 | PASS |
|                 |  |      |      | NV | 0  | 18880.00   | 2.750182   | 20 | PASS |
|                 |  |      |      | NV | 10 | 19180.00   | 2.793882   | 20 | PASS |
|                 |  |      |      | NV | 20 | 18880.00   | 2.750182   | 20 | PASS |
|                 |  | Ant2 | 6865 | NV | 30 | 19180.00   | 2.793882   | 20 | PASS |
|                 |  |      |      | NV | 0  | 19180.00   | 2.793882   | 20 | PASS |
|                 |  |      |      | NV | 10 | 19180.00   | 2.793882   | 20 | PASS |
|                 |  |      |      | NV | 20 | 19480.00   | 2.837582   | 20 | PASS |
|                 |  | Ant1 | 6945 | NV | 30 | 17980.00   | 2.619082   | 20 | PASS |
|                 |  |      |      | NV | 0  | 19780.00   | 2.848092   | 20 | PASS |
|                 |  |      |      | NV | 10 | 20080.00   | 2.891289   | 20 | PASS |
|                 |  |      |      | NV | 20 | 19180.00   | 2.761699   | 20 | PASS |
|                 |  | Ant2 | 6945 | NV | 30 | 20380.00   | 2.934485   | 20 | PASS |
|                 |  |      |      | NV | 0  | 19180.00   | 2.761699   | 20 | PASS |
|                 |  |      |      | NV | 10 | 19780.00   | 2.848092   | 20 | PASS |
|                 |  |      |      | NV | 20 | 19780.00   | 2.848092   | 20 | PASS |
|                 |  | Ant1 | 7025 | NV | 30 | 19480.00   | 2.804896   | 20 | PASS |
|                 |  |      |      | NV | 0  | 41960.00   | 5.972954   | 20 | PASS |
|                 |  |      |      | NV | 10 | 41960.00   | 5.972954   | 20 | PASS |
|                 |  |      |      | NV | 20 | 39560.00   | 5.631317   | 20 | PASS |
|                 |  | Ant2 | 7025 | NV | 30 | 42260.00   | 6.015658   | 20 | PASS |
|                 |  |      |      | NV | 0  | 42860.00   | 6.101068   | 20 | PASS |
|                 |  |      |      | NV | 10 | 44060.00   | 6.271886   | 20 | PASS |
|                 |  |      |      | NV | 20 | 45850.00   | 6.526690   | 20 | PASS |
| 11AX160MI<br>MO |  | Ant1 | 6025 | NV | 30 | 43160.00   | 6.143772   | 20 | PASS |
|                 |  |      |      | NV | 0  | 21280.00   | 3.531950   | 20 | PASS |
|                 |  |      |      | NV | 10 | 24580.00   | 4.079668   | 20 | PASS |
|                 |  |      |      | NV | 20 | 21280.00   | 3.531950   | 20 | PASS |
|                 |  | Ant2 | 6025 | NV | 30 | 21280.00   | 3.531950   | 20 | PASS |
|                 |  |      |      | NV | 0  | 20380.00   | 3.382573   | 20 | PASS |
|                 |  |      |      | NV | 10 | 17980.00   | 2.984232   | 20 | PASS |
|                 |  |      |      | NV | 20 | 21280.00   | 3.531950   | 20 | PASS |
|                 |  | Ant1 | 6185 | NV | 30 | 17680.00   | 2.934440   | 20 | PASS |
|                 |  |      |      | NV | 0  | 17680.00   | 2.858529   | 20 | PASS |
|                 |  |      |      | NV | 10 | 20380.00   | 3.295069   | 20 | PASS |
|                 |  |      |      | NV | 20 | 17680.00   | 2.858529   | 20 | PASS |
|                 |  | Ant2 | 6185 | NV | 30 | 17080.00   | 2.761520   | 20 | PASS |
|                 |  |      |      | NV | 0  | 17980.00   | 2.907033   | 20 | PASS |
|                 |  |      |      | NV | 10 | 20080.00   | 3.246564   | 20 | PASS |
|                 |  |      |      | NV | 20 | 17980.00   | 2.907033   | 20 | PASS |
|                 |  | Ant1 | 6345 | NV | 30 | 17980.00   | 2.907033   | 20 | PASS |
|                 |  |      |      | NV | 0  | -160000.00 | -25.216706 | 20 | PASS |
|                 |  |      |      | NV | 10 | -160000.00 | -25.216706 | 20 | PASS |
|                 |  |      |      | NV | 20 | -160000.00 | -25.216706 | 20 | PASS |
|                 |  | Ant2 | 6345 | NV | 30 | 18580.00   | 2.928290   | 20 | PASS |
|                 |  |      |      | NV | 0  | 16780.00   | 2.644602   | 20 | PASS |
|                 |  |      |      | NV | 10 | 17980.00   | 2.833727   | 20 | PASS |
|                 |  |      |      | NV | 20 | 17980.00   | 2.833727   | 20 | PASS |
|                 |  | Ant1 | 6345 | NV | 30 | 17980.00   | 2.833727   | 20 | PASS |
|                 |  |      |      | NV | 0  | 17980.00   | 2.833727   | 20 | PASS |
|                 |  |      |      | NV | 10 | 17980.00   | 2.833727   | 20 | PASS |
|                 |  |      |      | NV | 20 | 17980.00   | 2.833727   | 20 | PASS |

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Society : [yz.cnca.cn](http://yz.cnca.cn)



|  |      |      |    |    |          |          |    |      |
|--|------|------|----|----|----------|----------|----|------|
|  | Ant1 | 6505 | NV | 0  | 18280.00 | 2.810146 | 20 | PASS |
|  |      |      | NV | 10 | 17080.00 | 2.625673 | 20 | PASS |
|  |      |      | NV | 20 | 18580.00 | 2.856264 | 20 | PASS |
|  |      |      | NV | 30 | 18280.00 | 2.810146 | 20 | PASS |
|  | Ant2 | 6505 | NV | 0  | 20080.00 | 3.086856 | 20 | PASS |
|  |      |      | NV | 10 | 18580.00 | 2.856264 | 20 | PASS |
|  |      |      | NV | 20 | 18580.00 | 2.856264 | 20 | PASS |
|  |      |      | NV | 30 | 19780.00 | 3.040738 | 20 | PASS |
|  | Ant1 | 6665 | NV | 0  | 19480.00 | 2.922731 | 20 | PASS |
|  |      |      | NV | 10 | 18580.00 | 2.787697 | 20 | PASS |
|  |      |      | NV | 20 | 19480.00 | 2.922731 | 20 | PASS |
|  |      |      | NV | 30 | 16480.00 | 2.472618 | 20 | PASS |
|  | Ant2 | 6665 | NV | 0  | 20380.00 | 3.057764 | 20 | PASS |
|  |      |      | NV | 10 | 18580.00 | 2.787697 | 20 | PASS |
|  |      |      | NV | 20 | 17080.00 | 2.562641 | 20 | PASS |
|  |      |      | NV | 30 | 18880.00 | 2.832708 | 20 | PASS |
|  | Ant1 | 6825 | NV | 0  | 19180.00 | 2.810256 | 20 | PASS |
|  |      |      | NV | 10 | 18880.00 | 2.766300 | 20 | PASS |
|  |      |      | NV | 20 | 19780.00 | 2.898168 | 20 | PASS |
|  |      |      | NV | 30 | 18580.00 | 2.722344 | 20 | PASS |
|  | Ant2 | 6825 | NV | 0  | 19480.00 | 2.854212 | 20 | PASS |
|  |      |      | NV | 10 | 20080.00 | 2.942125 | 20 | PASS |
|  |      |      | NV | 20 | 18880.00 | 2.766300 | 20 | PASS |
|  |      |      | NV | 30 | 18880.00 | 2.766300 | 20 | PASS |
|  | Ant1 | 6985 | NV | 0  | 17380.00 | 2.488189 | 20 | PASS |
|  |      |      | NV | 10 | 16780.00 | 2.402291 | 20 | PASS |
|  |      |      | NV | 20 | 17380.00 | 2.488189 | 20 | PASS |
|  |      |      | NV | 30 | 17380.00 | 2.488189 | 20 | PASS |
|  | Ant2 | 6985 | NV | 0  | 21580.00 | 3.089477 | 20 | PASS |
|  |      |      | NV | 10 | 20380.00 | 2.917681 | 20 | PASS |
|  |      |      | NV | 20 | 21580.00 | 3.089477 | 20 | PASS |
|  |      |      | NV | 30 | 19180.00 | 2.745884 | 20 | PASS |



### 3.8. Antenna Requirement

#### Requirement

##### **FCC CFR Title 47 Part 15 Subpart C Section 15.203**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### Test Result

The directional gain of the antenna is less than 6dBi, please refer to the EUT internal photographs antenna photo.



### 3.9. In-Band Emissions (Channel Mask)

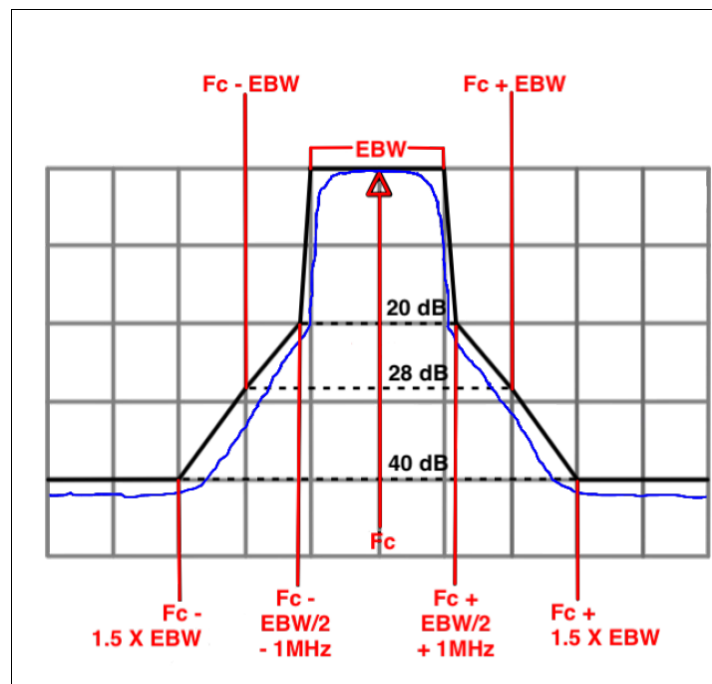
#### Limit

FCC CFR Title 47 Part 15 Subpart E Section 15.407(b)& RSS-248 4.6

| Section       | Test Item               | Frequency Range (MHz)                                                              | (X) dBc (Note 1) |
|---------------|-------------------------|------------------------------------------------------------------------------------|------------------|
| FCC 15.407(b) | In-Band Emission (Mask) | At 1MHz outside of channel edge                                                    | 20               |
|               |                         | At one channel bandwidth from the channel center (Note 2)                          | 28               |
|               |                         | At one- and one-half times the channel bandwidth away from channel center (Note 3) | 40               |
|               |                         | More than one- and one-half times the channel bandwidth                            | 40               |

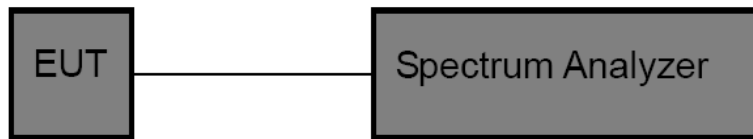
Note:

1. The power spectral density must be suppressed by “X” dB.
2. At frequencies between one megahertz outside an unlicensed device’s channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression.
3. At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.





### Test Configuration



### Test Procedure

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement. Section J) In-Band Emissions.

1. Take nominal bandwidth as reference channel bandwidth provided that 26 dB emission bandwidth is always larger than nominal bandwidth
2. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
  - a) Set the span to encompass the entire 26 dB EBW of the signal.
  - b) Set RBW = same RBW used for 26 dB EBW measurement.
  - c) Set VBW  $\geq 3 \times$  RBW
  - d) Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
  - e) Sweep time = auto.
  - f) Detector = RMS (i.e., power averaging)
  - g) Trace average at least 100 traces in power averaging (rms) mode.
  - h) Use the peak search function on the instrument to find the peak of the spectrum.
3. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
  - a. Suppressed by 20 dB at 1 MHz outside of the channel edge.
  - b. Suppressed by 28 dB at one channel bandwidth from the channel center.
  - c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.



4. Adjust the span to encompass the entire mask as necessary.
5. Clear trace.
6. Trace average at least 100 traces in power averaging (rms) mode.
7. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

### **Test Mode**

Please refer to the clause 2.4.

### **Test Result**

| TestMode   | Antenna | Channel | Result         | Limit          | Verdict |
|------------|---------|---------|----------------|----------------|---------|
| 11AX20MIMO | Ant1    | 5955    | See test graph | See test graph | PASS    |
|            | Ant2    | 5955    | See test graph | See test graph | PASS    |
|            | Ant1    | 6175    | See test graph | See test graph | PASS    |
|            | Ant2    | 6175    | See test graph | See test graph | PASS    |
|            | Ant1    | 6415    | See test graph | See test graph | PASS    |
|            | Ant2    | 6415    | See test graph | See test graph | PASS    |
|            | Ant1    | 6435    | See test graph | See test graph | PASS    |
|            | Ant2    | 6435    | See test graph | See test graph | PASS    |
|            | Ant1    | 6475    | See test graph | See test graph | PASS    |
|            | Ant2    | 6475    | See test graph | See test graph | PASS    |
|            | Ant1    | 6515    | See test graph | See test graph | PASS    |
|            | Ant2    | 6515    | See test graph | See test graph | PASS    |
|            | Ant1    | 6535    | See test graph | See test graph | PASS    |
|            | Ant2    | 6535    | See test graph | See test graph | PASS    |
|            | Ant1    | 6695    | See test graph | See test graph | PASS    |
|            | Ant2    | 6695    | See test graph | See test graph | PASS    |
|            | Ant1    | 6855    | See test graph | See test graph | PASS    |
|            | Ant2    | 6855    | See test graph | See test graph | PASS    |
|            | Ant1    | 6895    | See test graph | See test graph | PASS    |
|            | Ant2    | 6895    | See test graph | See test graph | PASS    |
|            | Ant1    | 6995    | See test graph | See test graph | PASS    |
|            | Ant2    | 6995    | See test graph | See test graph | PASS    |
|            | Ant1    | 7095    | See test graph | See test graph | PASS    |
|            | Ant2    | 7095    | See test graph | See test graph | PASS    |
| 11AX40MIMO | Ant1    | 5965    | See test graph | See test graph | PASS    |
|            | Ant2    | 5965    | See test graph | See test graph | PASS    |
|            | Ant1    | 6165    | See test graph | See test graph | PASS    |
|            | Ant2    | 6165    | See test graph | See test graph | PASS    |
|            | Ant1    | 6405    | See test graph | See test graph | PASS    |
|            | Ant2    | 6405    | See test graph | See test graph | PASS    |
|            | Ant1    | 6445    | See test graph | See test graph | PASS    |
|            | Ant2    | 6445    | See test graph | See test graph | PASS    |
|            | Ant1    | 6485    | See test graph | See test graph | PASS    |
|            | Ant2    | 6485    | See test graph | See test graph | PASS    |
|            | Ant1    | 6525    | See test graph | See test graph | PASS    |
|            | Ant2    | 6525    | See test graph | See test graph | PASS    |
|            | Ant1    | 6565    | See test graph | See test graph | PASS    |
|            | Ant2    | 6565    | See test graph | See test graph | PASS    |
|            | Ant1    | 6685    | See test graph | See test graph | PASS    |
|            | Ant2    | 6685    | See test graph | See test graph | PASS    |
|            | Ant1    | 6845    | See test graph | See test graph | PASS    |
|            | Ant2    | 6845    | See test graph | See test graph | PASS    |
|            | Ant1    | 6925    | See test graph | See test graph | PASS    |
|            | Ant2    | 6925    | See test graph | See test graph | PASS    |
|            | Ant1    | 6965    | See test graph | See test graph | PASS    |

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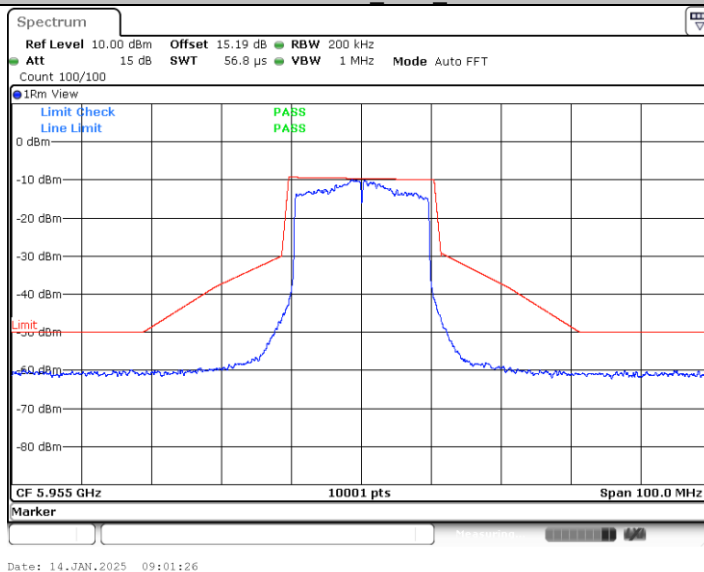
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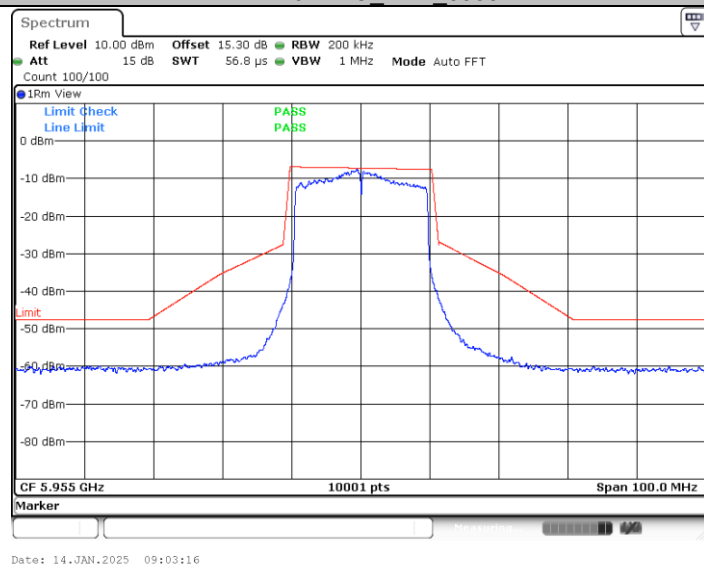
|             |      |      |                |                |      |
|-------------|------|------|----------------|----------------|------|
|             | Ant2 | 6965 | See test graph | See test graph | PASS |
|             | Ant1 | 7085 | See test graph | See test graph | PASS |
|             | Ant2 | 7085 | See test graph | See test graph | PASS |
| 11AX80MIMO  | Ant1 | 5985 | See test graph | See test graph | PASS |
|             | Ant2 | 5985 | See test graph | See test graph | PASS |
|             | Ant1 | 6145 | See test graph | See test graph | PASS |
|             | Ant2 | 6145 | See test graph | See test graph | PASS |
|             | Ant1 | 6385 | See test graph | See test graph | PASS |
|             | Ant2 | 6385 | See test graph | See test graph | PASS |
|             | Ant1 | 6465 | See test graph | See test graph | PASS |
|             | Ant2 | 6465 | See test graph | See test graph | PASS |
|             | Ant1 | 6545 | See test graph | See test graph | PASS |
|             | Ant2 | 6545 | See test graph | See test graph | PASS |
|             | Ant1 | 6625 | See test graph | See test graph | PASS |
|             | Ant2 | 6625 | See test graph | See test graph | PASS |
|             | Ant1 | 6705 | See test graph | See test graph | PASS |
|             | Ant2 | 6705 | See test graph | See test graph | PASS |
|             | Ant1 | 6785 | See test graph | See test graph | PASS |
|             | Ant2 | 6785 | See test graph | See test graph | PASS |
|             | Ant1 | 6865 | See test graph | See test graph | PASS |
|             | Ant2 | 6865 | See test graph | See test graph | PASS |
|             | Ant1 | 6945 | See test graph | See test graph | PASS |
|             | Ant2 | 6945 | See test graph | See test graph | PASS |
|             | Ant1 | 7025 | See test graph | See test graph | PASS |
|             | Ant2 | 7025 | See test graph | See test graph | PASS |
| 11AX160MIMO | Ant1 | 6025 | See test graph | See test graph | PASS |
|             | Ant2 | 6025 | See test graph | See test graph | PASS |
|             | Ant1 | 6185 | See test graph | See test graph | PASS |
|             | Ant2 | 6185 | See test graph | See test graph | PASS |
|             | Ant1 | 6345 | See test graph | See test graph | PASS |
|             | Ant2 | 6345 | See test graph | See test graph | PASS |
|             | Ant1 | 6505 | See test graph | See test graph | PASS |
|             | Ant2 | 6505 | See test graph | See test graph | PASS |
|             | Ant1 | 6665 | See test graph | See test graph | PASS |
|             | Ant2 | 6665 | See test graph | See test graph | PASS |
|             | Ant1 | 6825 | See test graph | See test graph | PASS |
|             | Ant2 | 6825 | See test graph | See test graph | PASS |
|             | Ant1 | 6985 | See test graph | See test graph | PASS |
|             | Ant2 | 6985 | See test graph | See test graph | PASS |



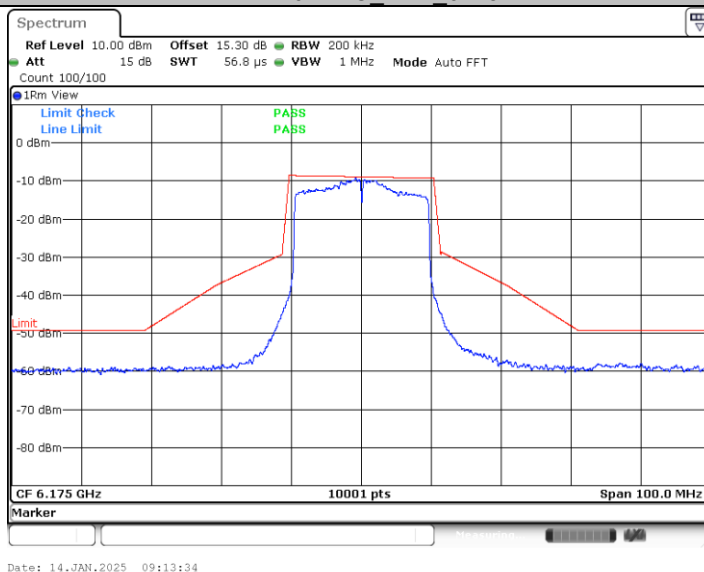
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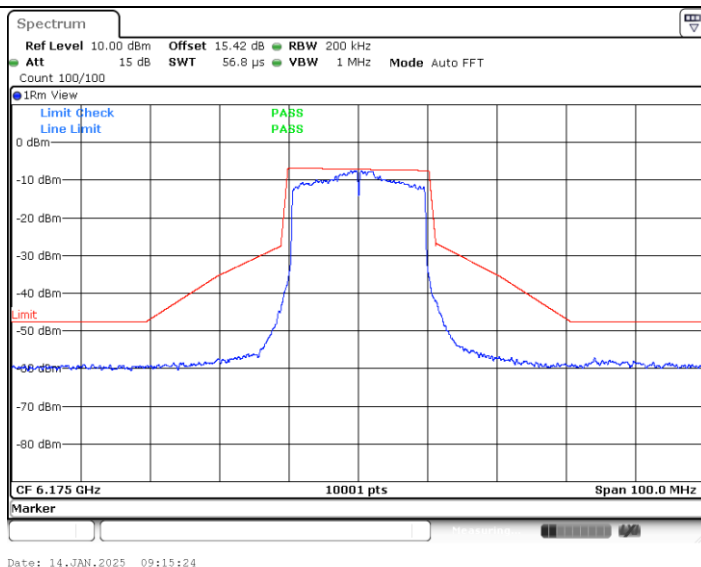
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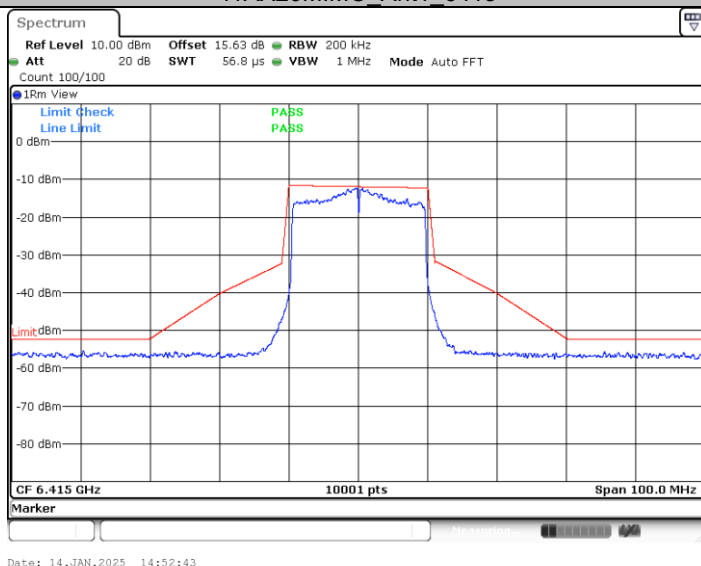
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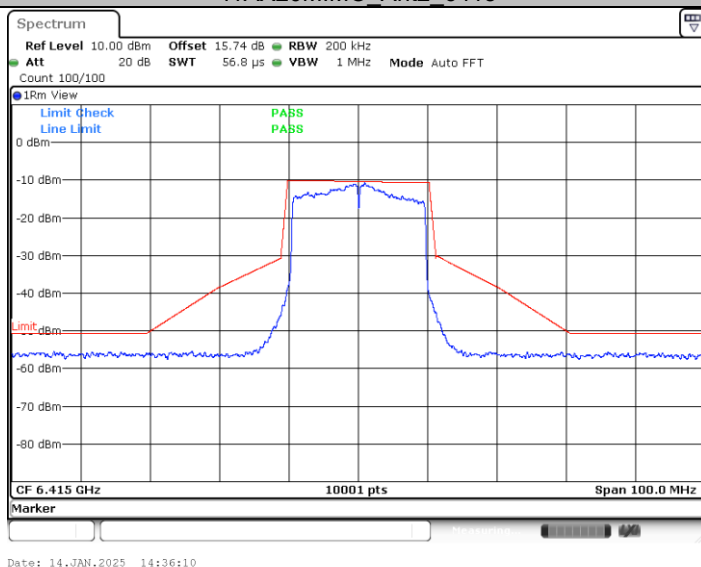
## 11AX20MIMO\_Ant2\_6175



11AX20MIMO\_Ant1\_6415



11AX20MIMO\_Ant2\_6415



11AX20MIMO\_Ant1\_6435

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TRF No: CTC-TR-150\_A1

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