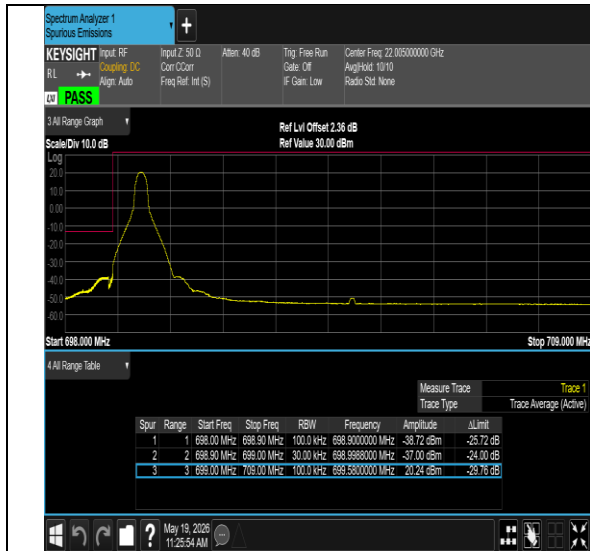
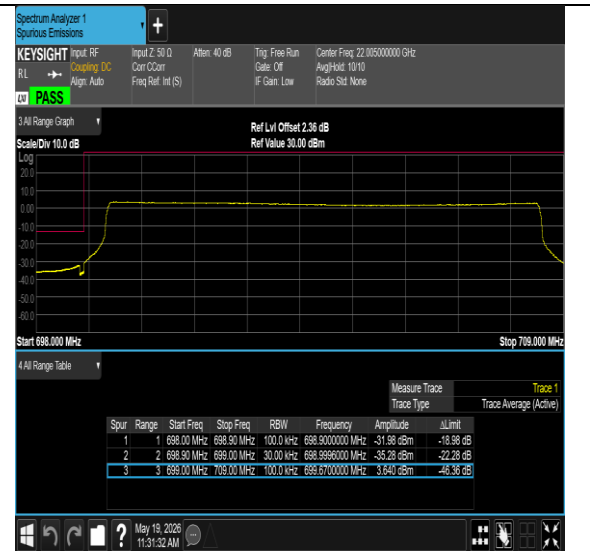


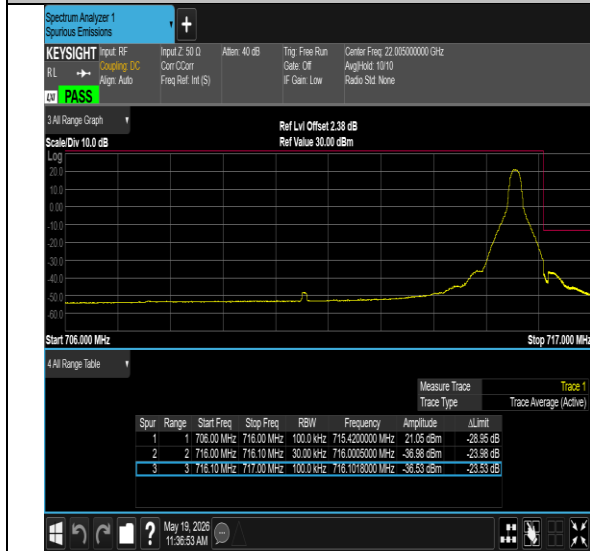
# Test Report No.: RF260626B003



Band12-10MHz-64QAM-23130-1RB#49-PASS



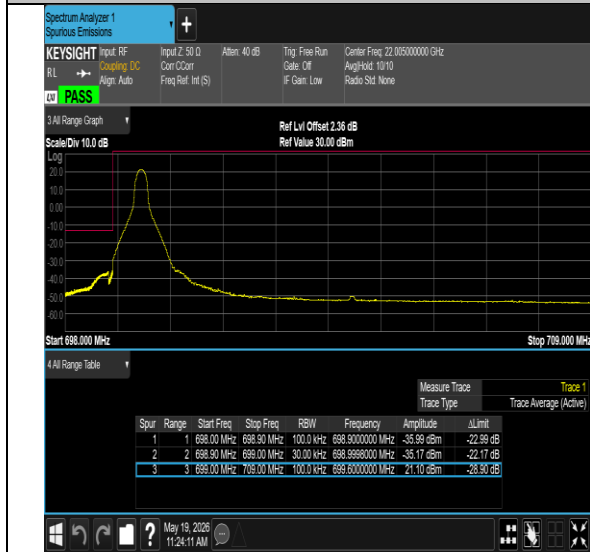
Band12-10MHz-64QAM-23130-50RB#0-PASS



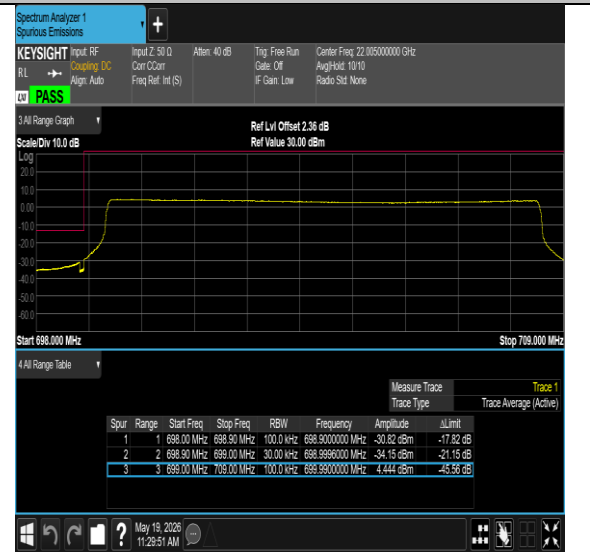
Band12-10MHz-16QAM-23060-1RB#0-PASS



Band12-10MHz-16QAM-23060-50RB#0-PASS



Band12-10MHz-16QAM-23130-1RB#49-PASS



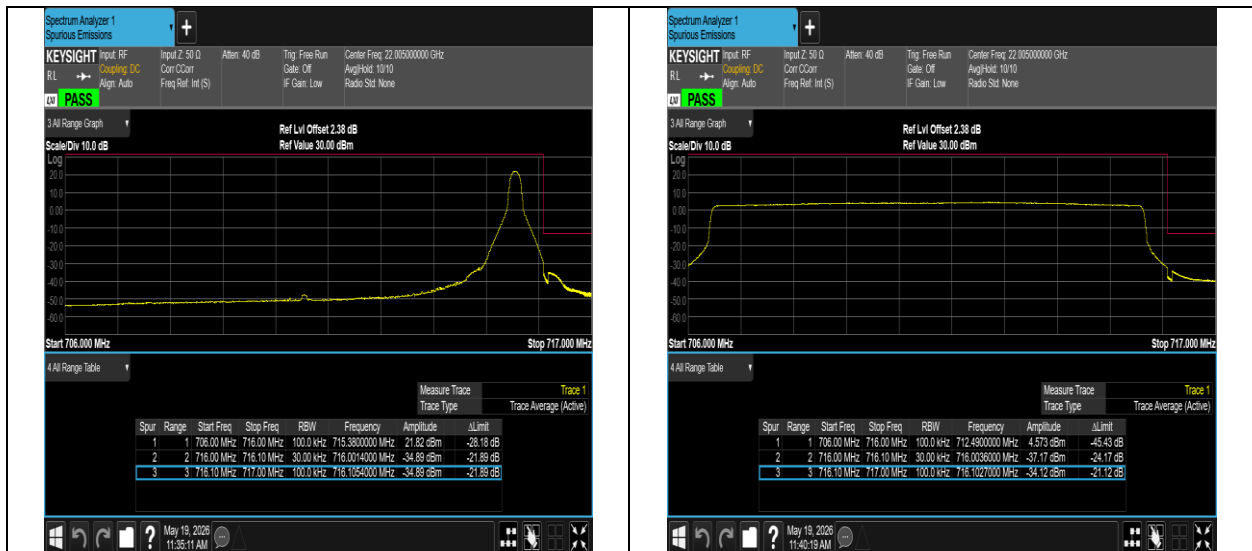
Band12-10MHz-16QAM-23130-50RB#0-PASS

BOOMWAVE TEST (SHENZHEN)  
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## Test Report No.: RF260626B003



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Test Report No.: RF260626B003

## CONDUCTED SPURIOUS EMISSION

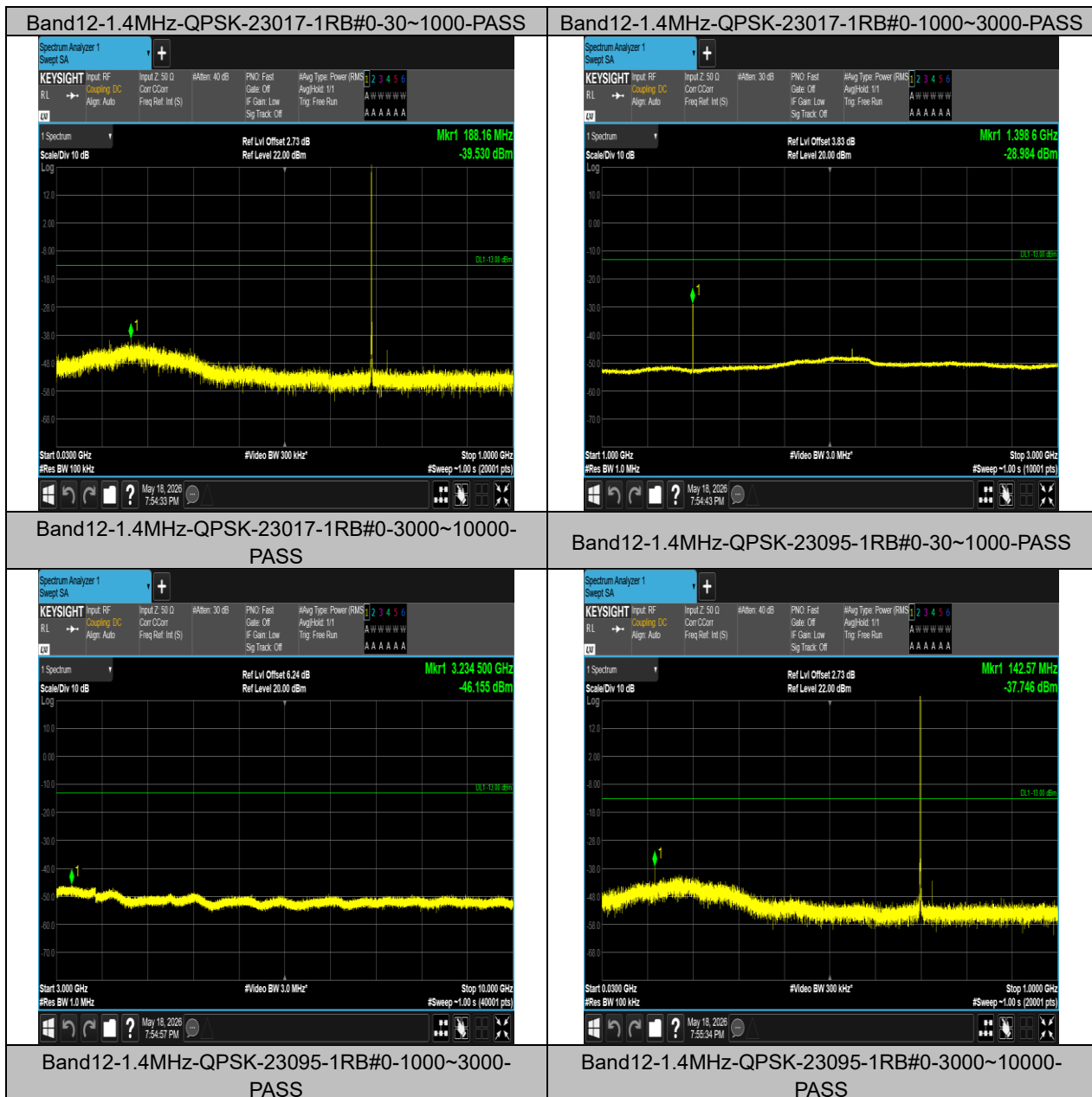
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 30~1000         | -39.53       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 1000~3000       | -28.98       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 3000~10000      | -46.16       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 30~1000         | -37.75       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 1000~3000       | -28.06       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 3000~10000      | -45.76       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 30~1000         | -39.03       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 1000~3000       | -26.40       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 3000~10000      | -45.43       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 30~1000         | -39.64       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 1000~3000       | -29.15       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 3000~10000      | -45.53       | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 30~1000         | -36.98       | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 1000~3000       | -27.64       | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 3000~10000      | -45.65       | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 30~1000         | -38.91       | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 1000~3000       | -26.67       | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 3000~10000      | -45.46       | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 30~1000         | -39.76       | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 1000~3000       | -29.47       | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 3000~10000      | -46.11       | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 30~1000         | -39.45       | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 1000~3000       | -28.42       | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 3000~10000      | -45.75       | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 30~1000         | -39.15       | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 1000~3000       | -27.52       | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 3000~10000      | -46.16       | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | 30~1000         | -35.88       | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | 1000~3000       | -28.84       | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | 3000~10000      | -45.25       | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 1RB#0            | 30~1000         | -38.37       | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 1RB#0            | 1000~3000       | -29.04       | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 1RB#0            | 3000~10000      | -45.49       | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 1RB#0            | 30~1000         | -39.87       | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 1RB#0            | 1000~3000       | -27.85       | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 1RB#0            | 3000~10000      | -45.67       | PASS    |



Test Report No.: RF260626B003

## Test Graphs

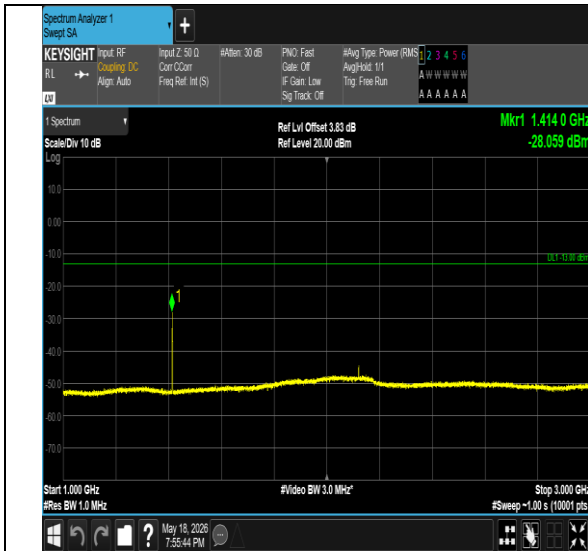


BOOMWAVE TEST (SHENZHEN)  
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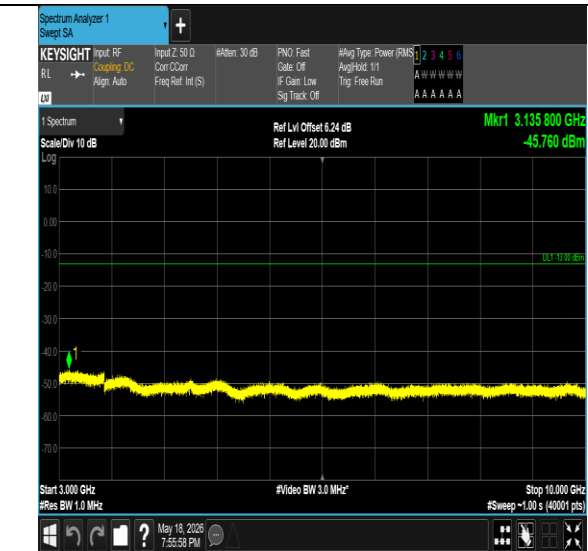
Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan  
4th Road, Chiwan Community, Zhaoshang Street,  
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

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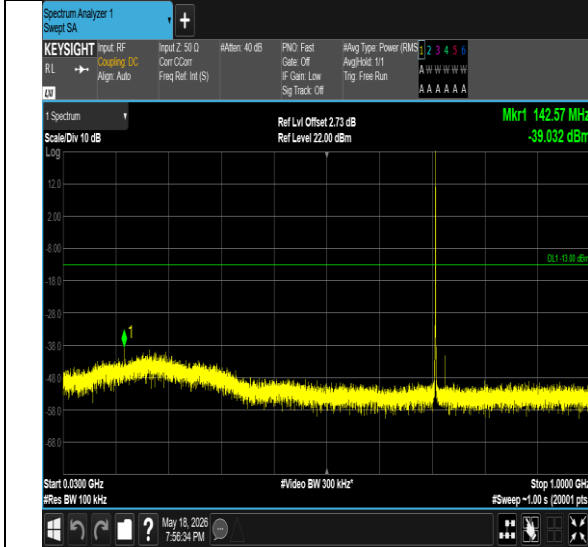
# Test Report No.: RF260626B003



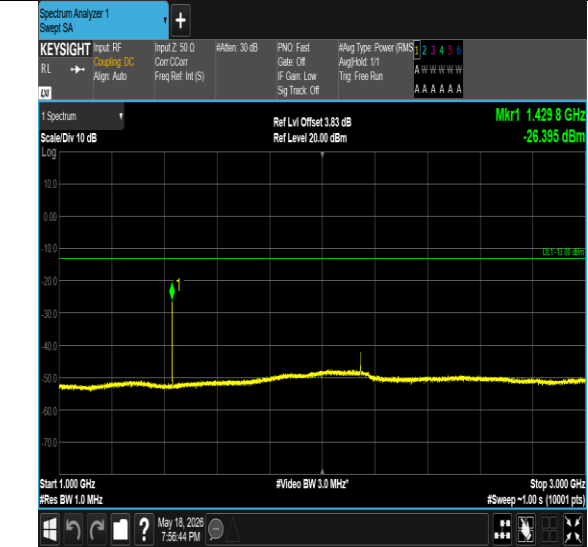
Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS



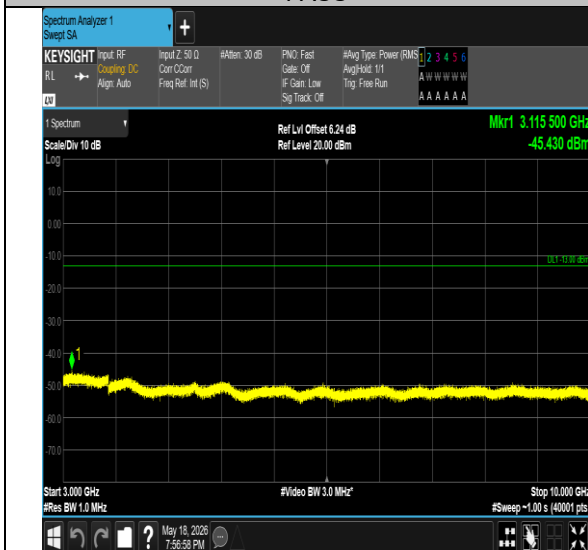
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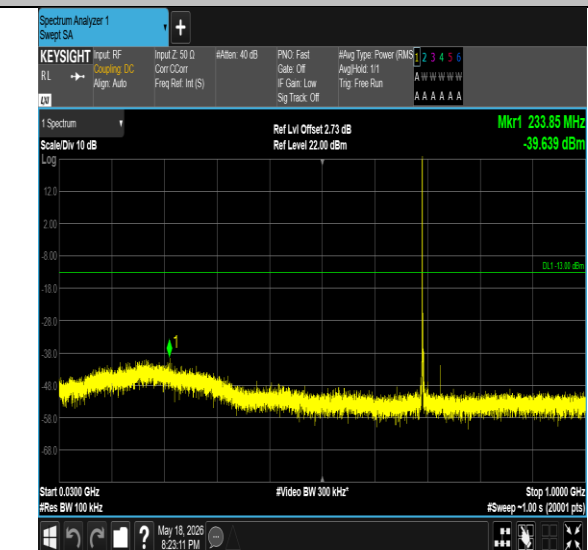
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Band12-3MHz-QPSK-23025-1RB#0-30~1000-PASS



Band12-3MHz-QPSK-23025-1RB#0-1000~3000-PASS



Band12-3MHz-QPSK-23025-1RB#0-3000~10000-PASS

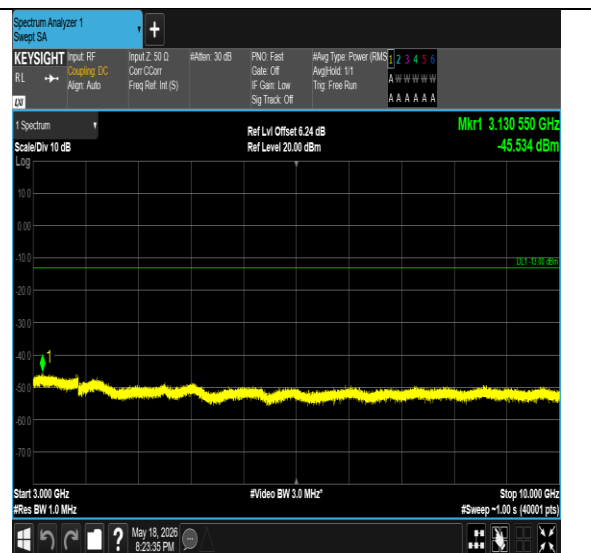
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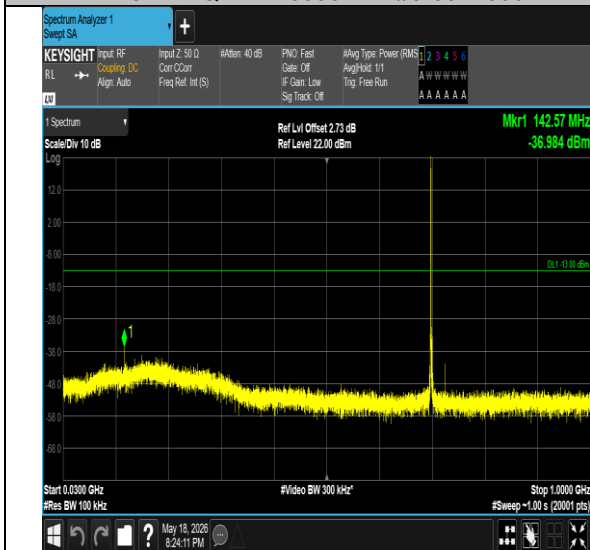
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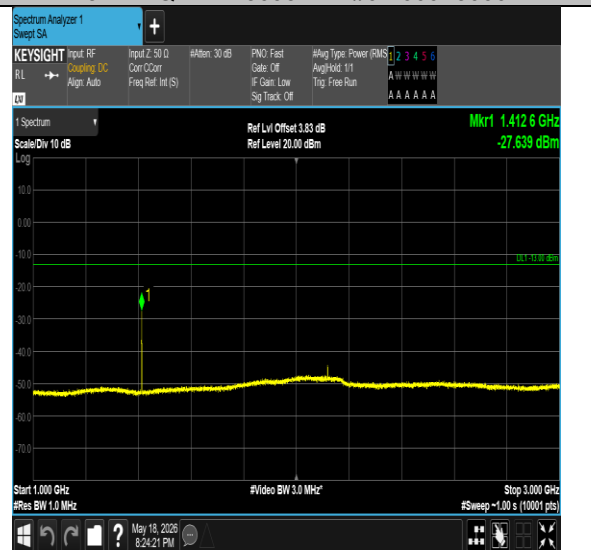
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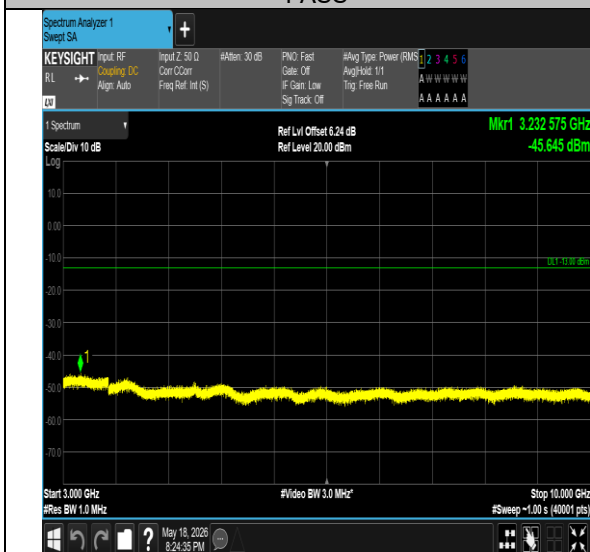
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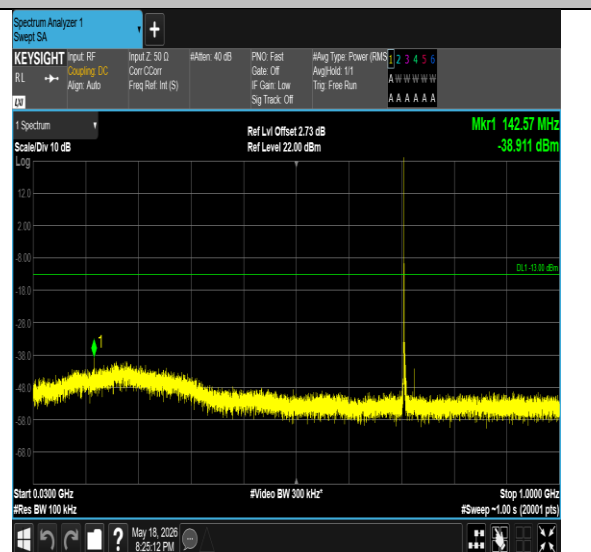
Band12-3MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-3MHz-QPSK-23165-1RB#0-30~1000-PASS



Band12-3MHz-QPSK-23165-1RB#0-1000~3000-PASS

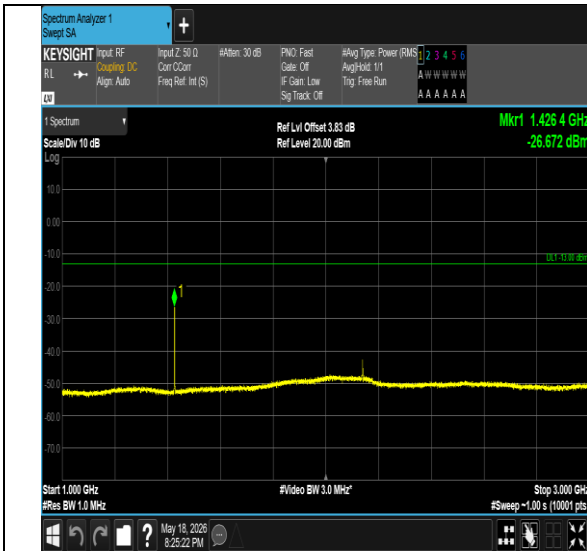


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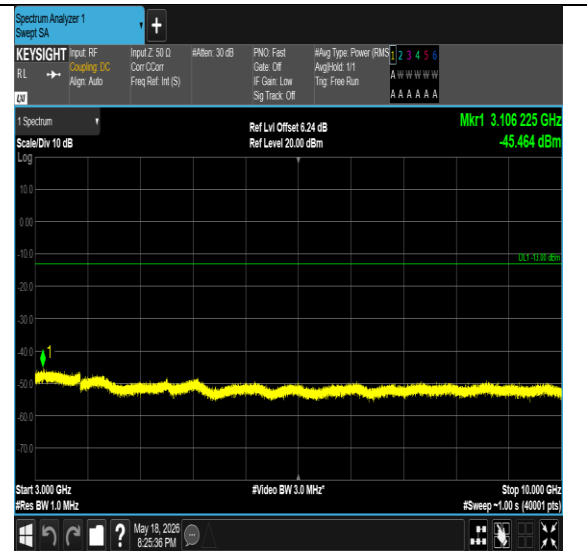
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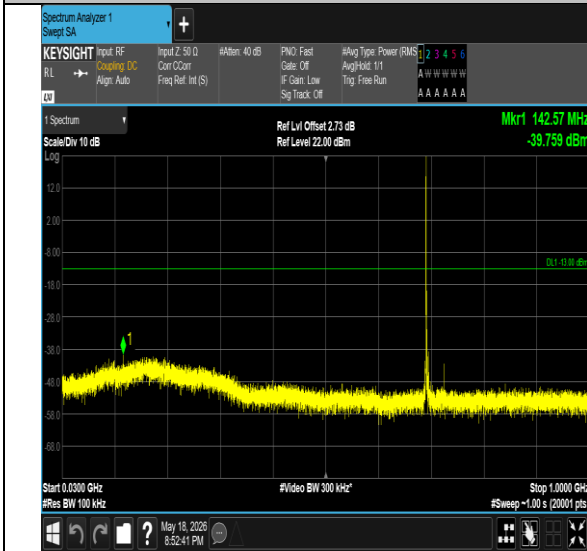
Mobile: +86 15118052731  
Email:shimin.wang@boomwavelab.com



Band12-5MHz-QPSK-23035-1RB#0-30~1000-PASS



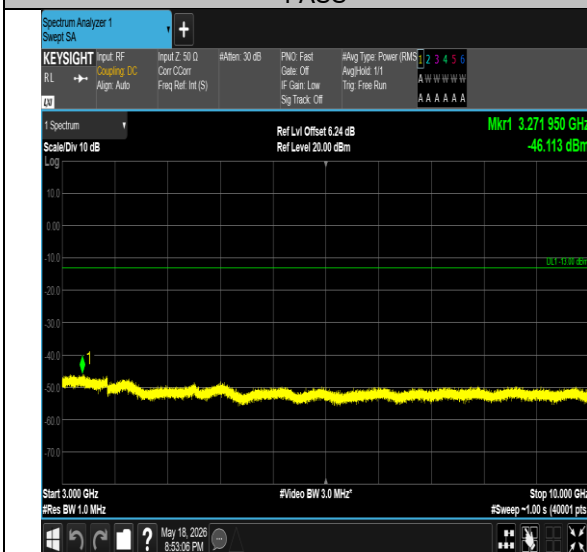
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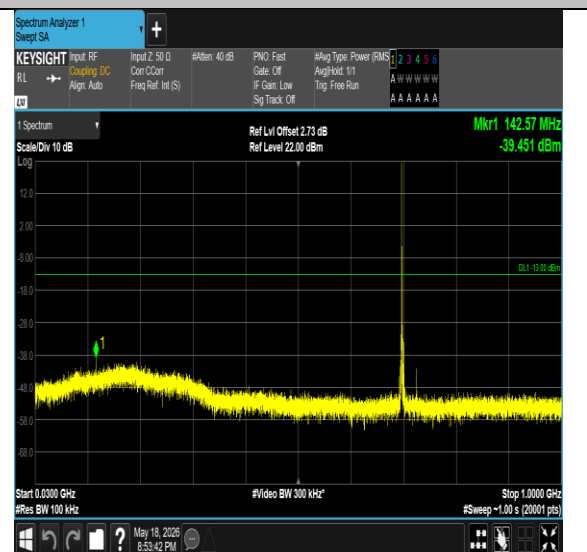
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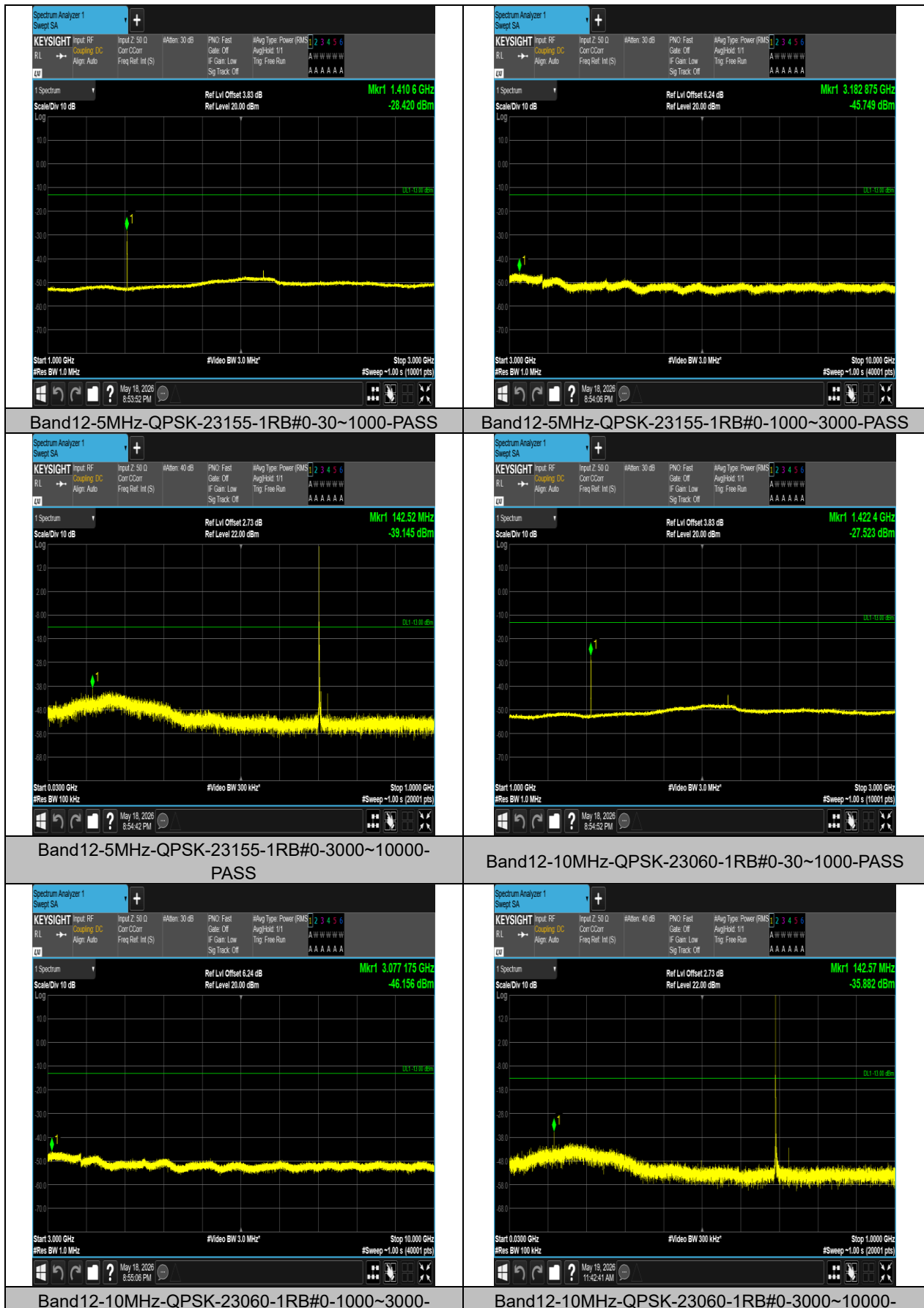
Band12-5MHz-QPSK-23095-1RB#0-30~1000-PASS

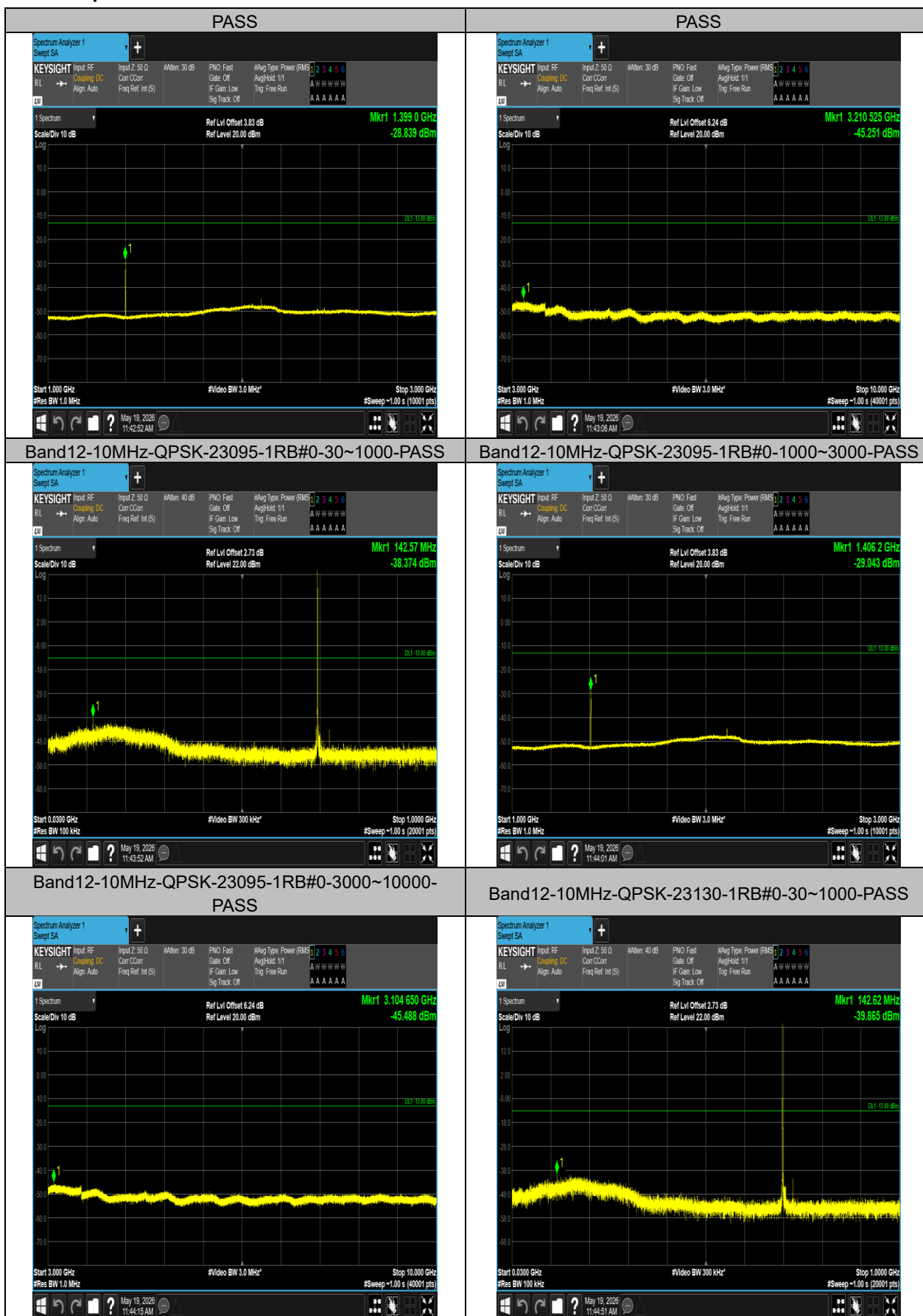


Band12-5MHz-QPSK-23095-1RB#0-1000~3000-PASS



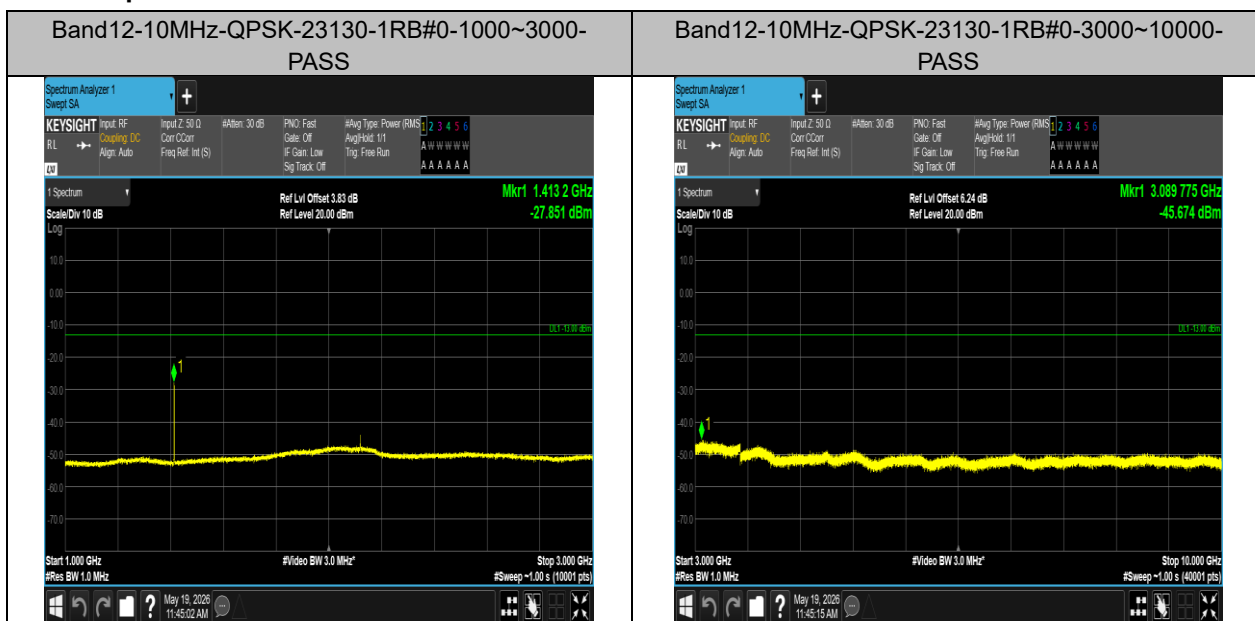
Band12-5MHz-QPSK-23095-1RB#0-3000~10000-PASS







## Test Report No.: RF260626B003



BOOMWAVE TEST (SHENZHEN)  
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Test Report No.: RF260626B003

## FREQUENCY STABILITY

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band12  | 10MHz     | QPSK       | 23060   | 50RB#0       | VN            | NT               | 22.98          | 0.032641        | ±2.5        | PASS    |
| Band12  | 10MHz     | QPSK       | 23060   | 50RB#0       | VL            | NT               | 28.11          | 0.039927        | ±2.5        | PASS    |
| Band12  | 10MHz     | QPSK       | 23060   | 50RB#0       | VH            | NT               | 26.74          | 0.037978        | ±2.5        | PASS    |
| Band12  | 10MHz     | QPSK       | 23130   | 50RB#0       | VN            | NT               | 17.51          | 0.024623        | ±2.5        | PASS    |
| Band12  | 10MHz     | QPSK       | 23130   | 50RB#0       | VL            | NT               | -22.06         | -0.031033       | ±2.5        | PASS    |
| Band12  | 10MHz     | QPSK       | 23130   | 50RB#0       | VH            | NT               | 22.23          | 0.031267        | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | -30              | -22.73         | -0.032290       | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | -20              | 20.44          | 0.029027        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | -10              | 19.31          | 0.027425        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | 0                | -21.88         | -0.031081       | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | 10               | 21.22          | 0.030140        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | 20               | 20.49          | 0.029102        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | 30               | -21.82         | -0.030990       | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | 40               | 21.31          | 0.030268        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23060   | 50RB#0       | NV            | 50               | 20.28          | 0.028807        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | -30              | -11.34         | -0.015946       | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | -20              | -23.87         | -0.033566       | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | -10              | 24.57          | 0.034556        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | 0                | -19.48         | -0.027394       | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | 10               | 21.38          | 0.030064        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | 20               | 19.60          | 0.027561        | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | 30               | -21.91         | -0.030820       | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | 40               | -14.95         | -0.021020       | ±2.5        | PASS    |
| Band12      | 10MHz     | QPSK       | 23130   | 50RB#0       | NV            | 50               | 31.08          | 0.0437193       | ±2.5        | PASS    |

--END--