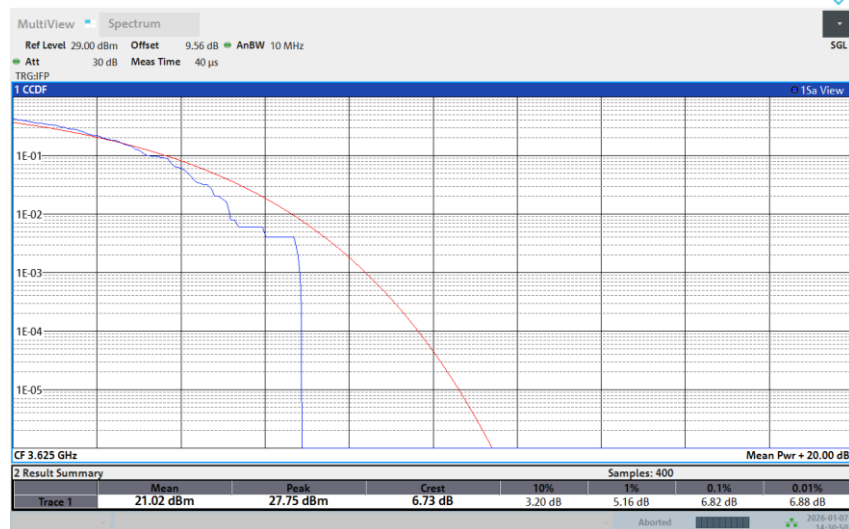
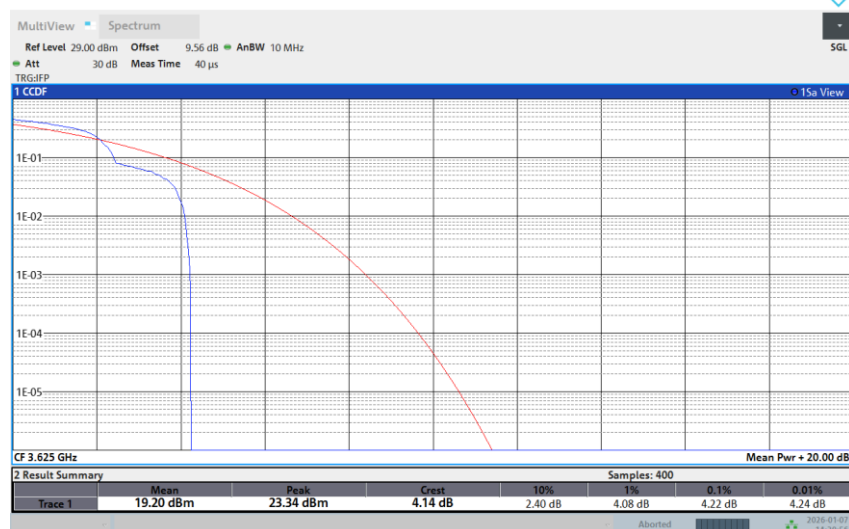




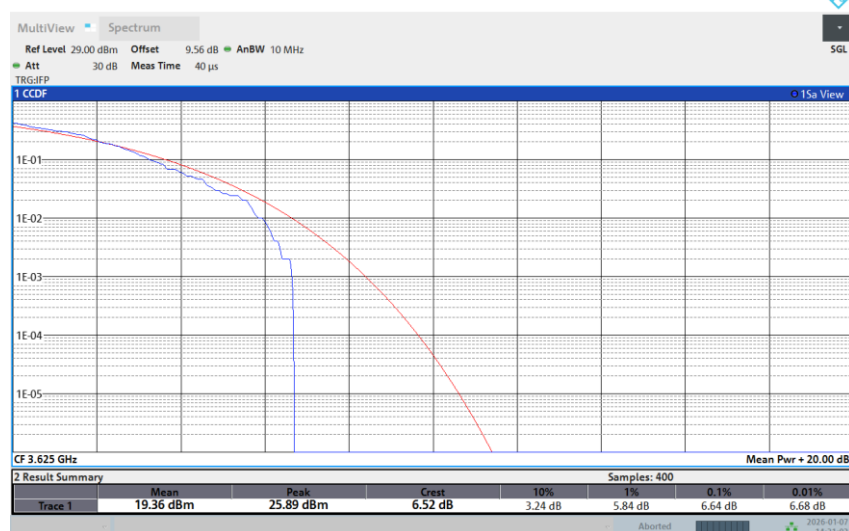
## Test Report No.: RF260714B012



Band 48-10M-MID-256QAM-1RB Low



Band 48-10M-MID-256QAM-Full RB



Band 48-10M-HIGH-QPSK-1RB Low

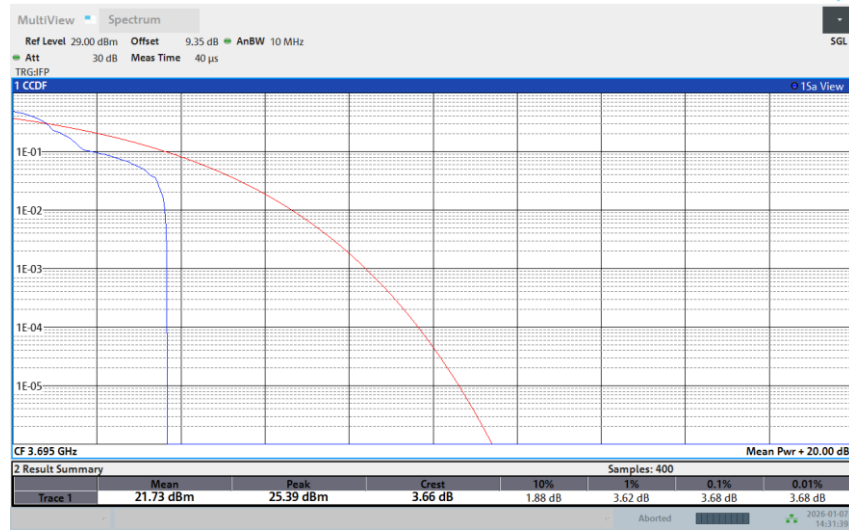
BOOMWAVE TEST (SHENZHEN)  
CO., LTD.

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

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



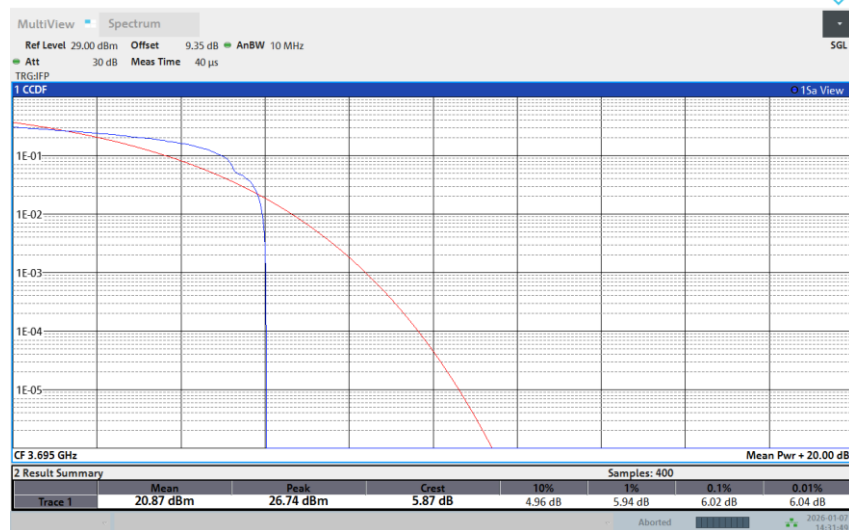
## Test Report No.: RF260714B012



Band 48-10M-HIGH-QPSK-Full RB



Band 48-10M-HIGH-16QAM-1RB Low



Band 48-10M-HIGH-16QAM-Full RB

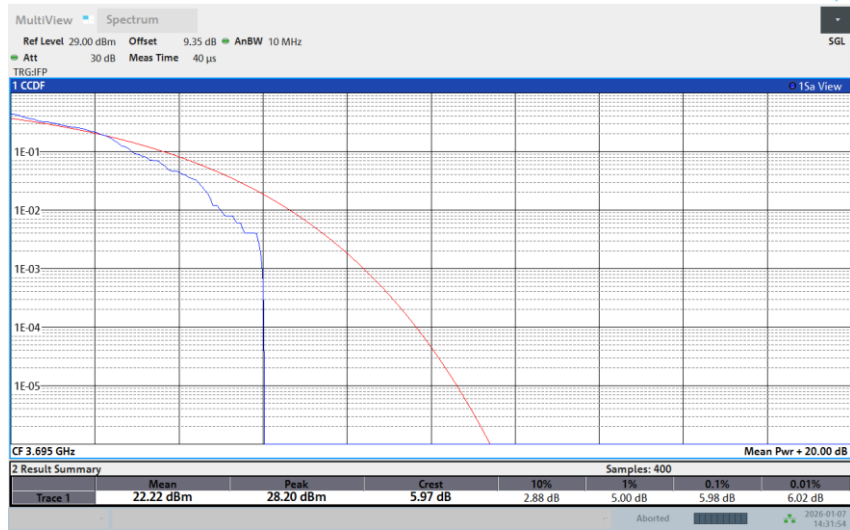
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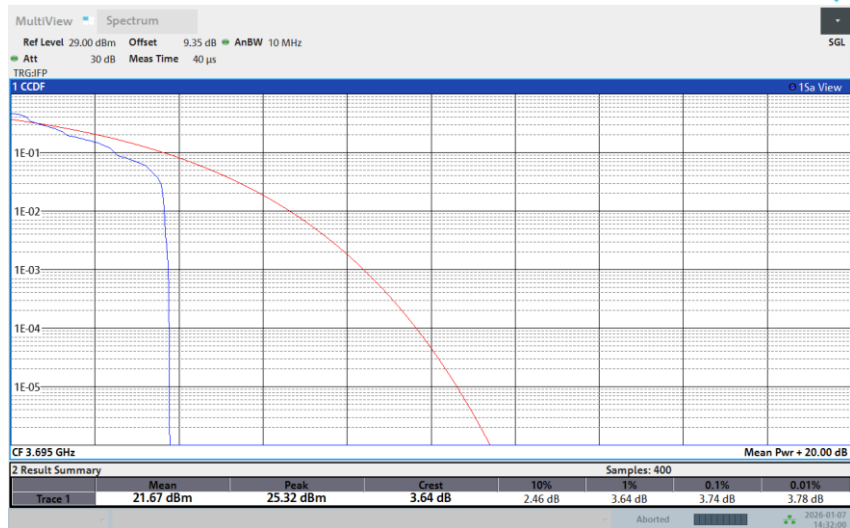
Mobile: +86 15118052731  
Email:shimin.wang@boomwavelab.com



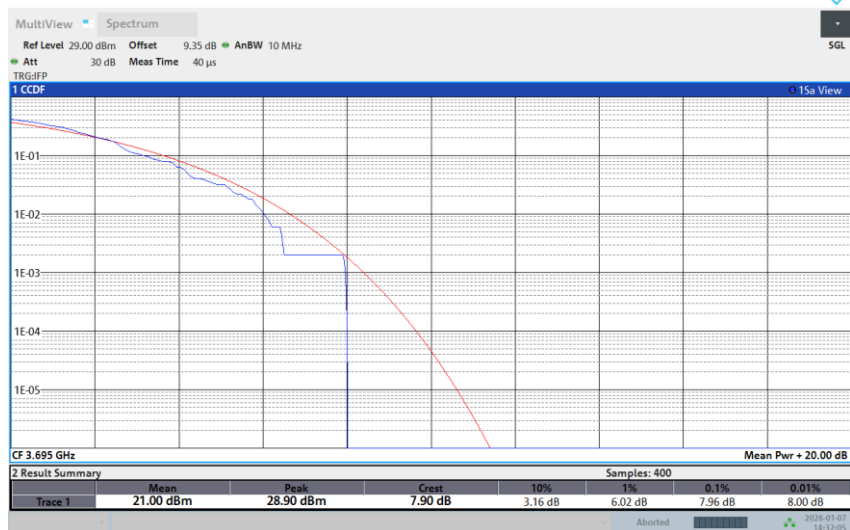
## Test Report No.: RF260714B012



Band 48-10M-HIGH-64QAM-1RB Low



Band 48-10M-HIGH-64QAM-Full RB



Band 48-10M-HIGH-256QAM-1RB Low

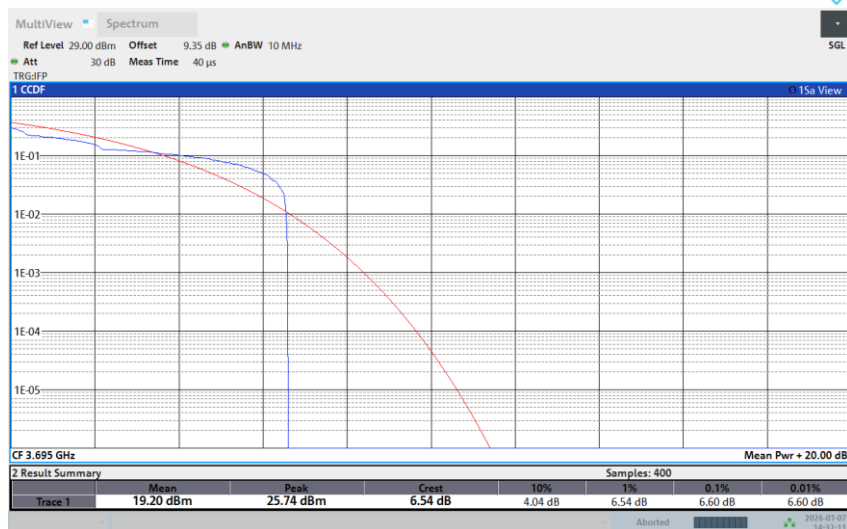
BOOMWAVE TEST (SHENZHEN)  
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Nanshan District, Shenzhen, Guangdong, P.R. CHINA

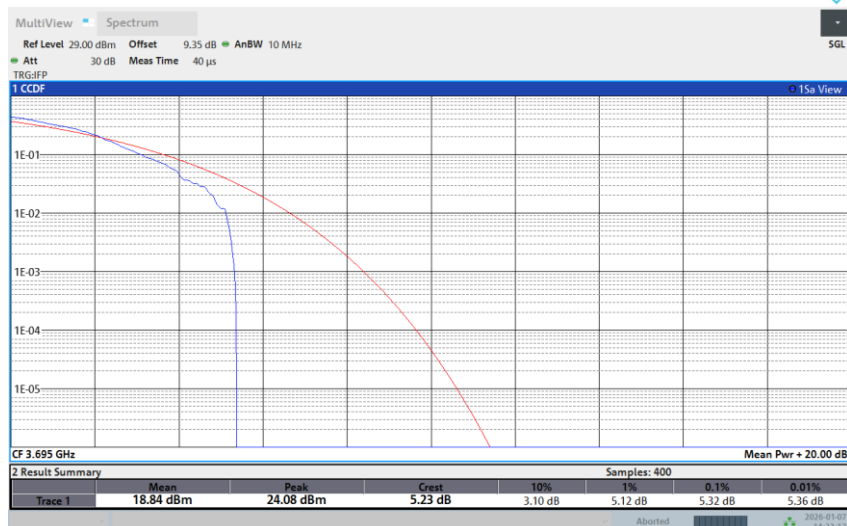
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Email:shimin.wang@boomwavelab.com



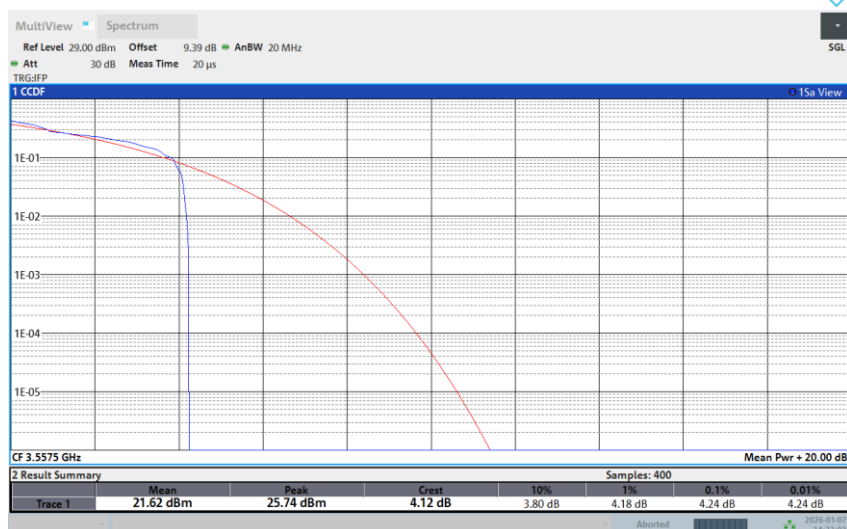
## Test Report No.: RF260714B012



### Band 48-10M-HIGH-256QAM-Full RB



### Band 48-15M-LOW-QPSK-1RB Low



### Band 48-15M-LOW-QPSK-Full RB

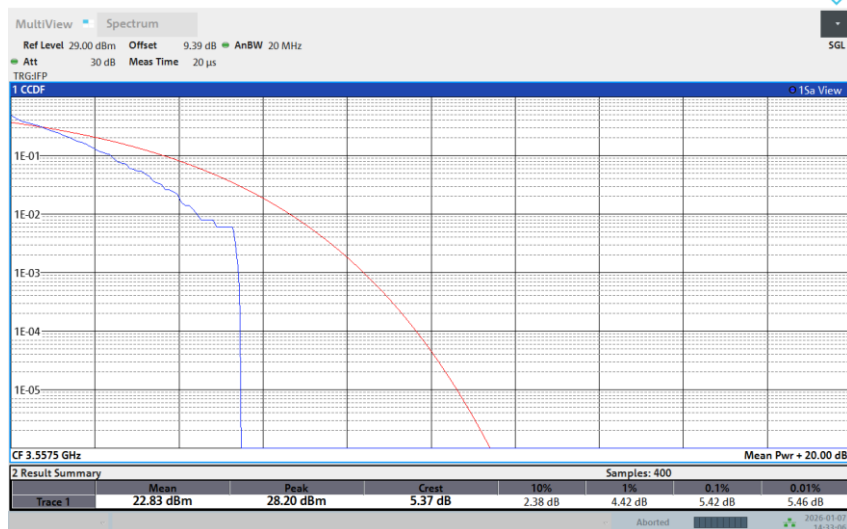
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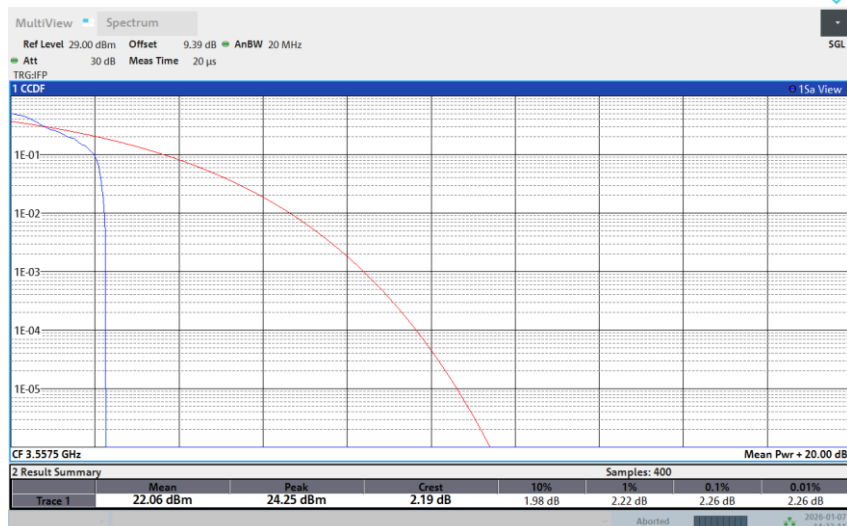
Mobile: +86 15118052731  
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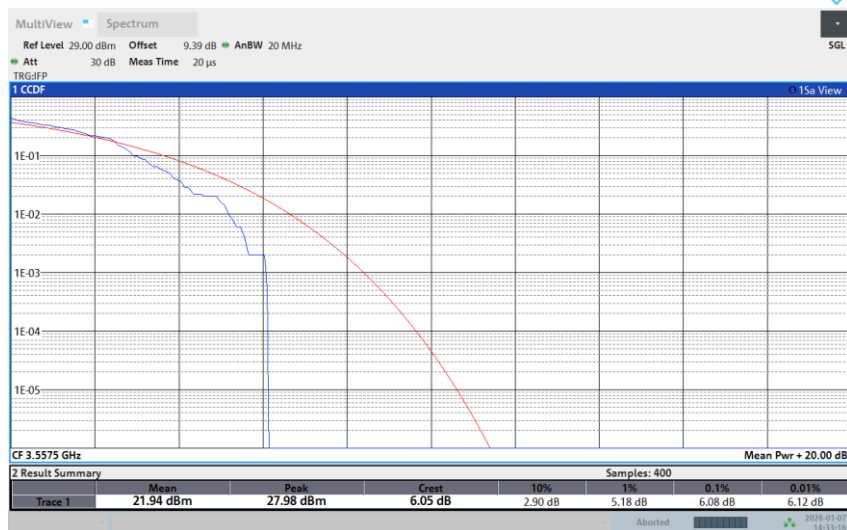
## Test Report No.: RF260714B012



Band 48-15M-LOW-16QAM-1RB Low



Band 48-15M-LOW-16QAM-Full RB



Band 48-15M-LOW-64QAM-1RB Low

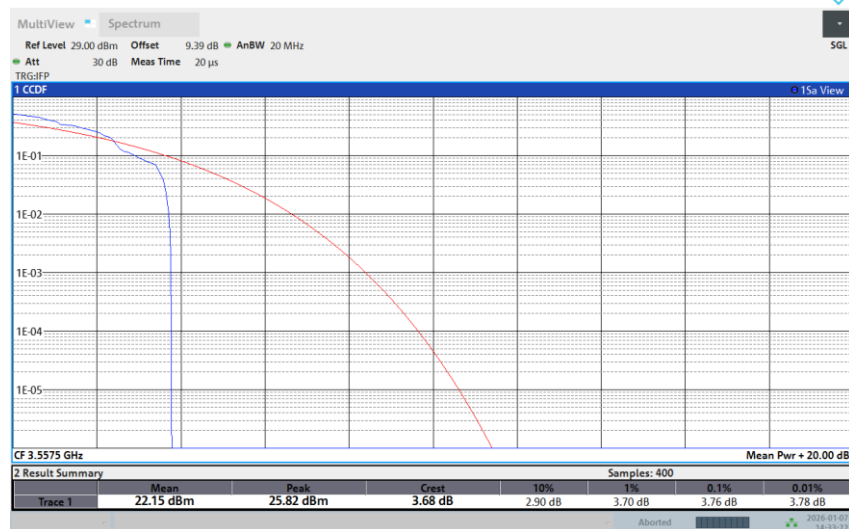
BOOMWAVE TEST (SHENZHEN)  
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Nanshan District, Shenzhen, Guangdong, P.R. CHINA

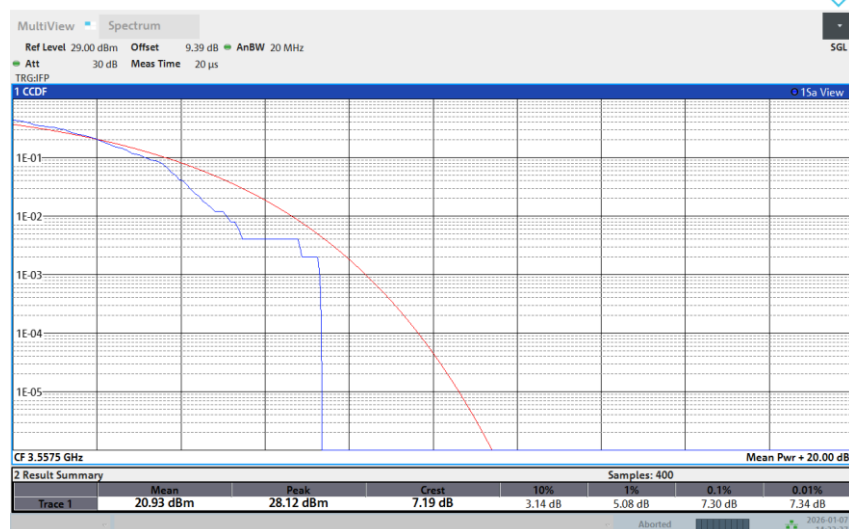
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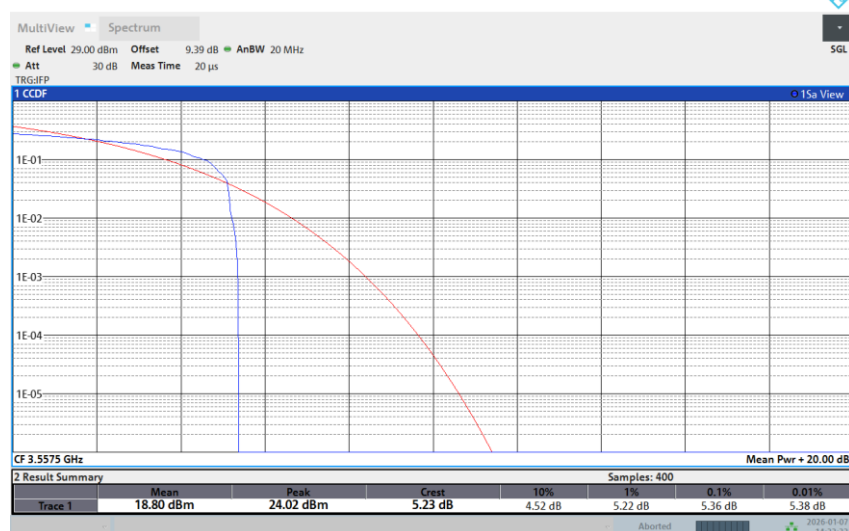
## Test Report No.: RF260714B012



### Band 48-15M-LOW-64QAM-Full RB



### Band 48-15M-LOW-256QAM-1RB Low



### Band 48-15M-LOW-256QAM-Full RB

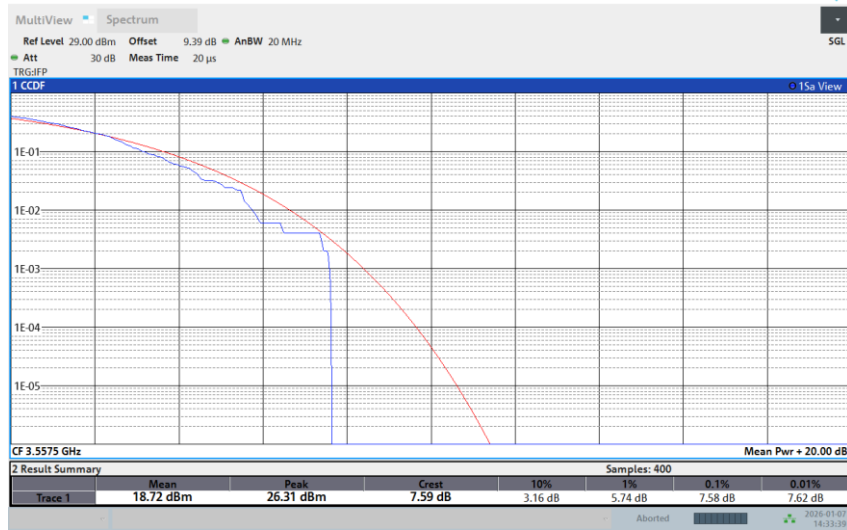
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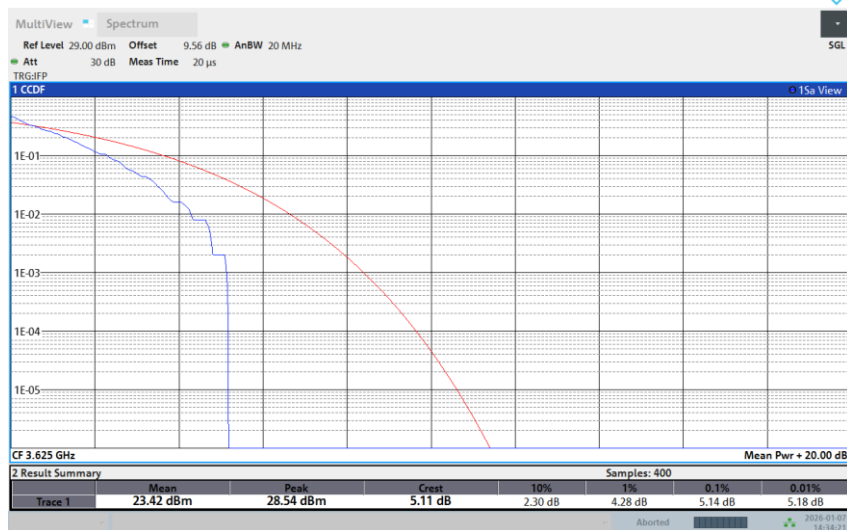
## Test Report No.: RF260714B012



Band 48-15M-MID-QPSK-1RB Low



Band 48-15M-MID-QPSK-Full RB



Band 48-15M-MID-16QAM-1RB Low

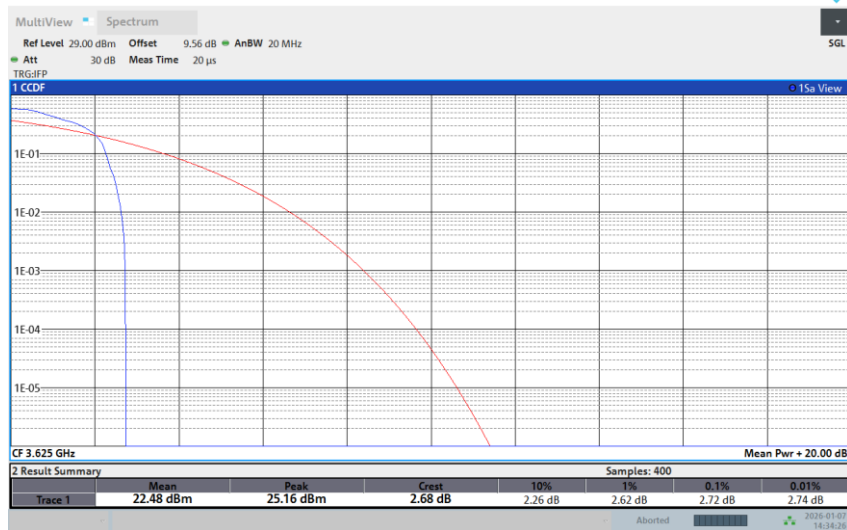
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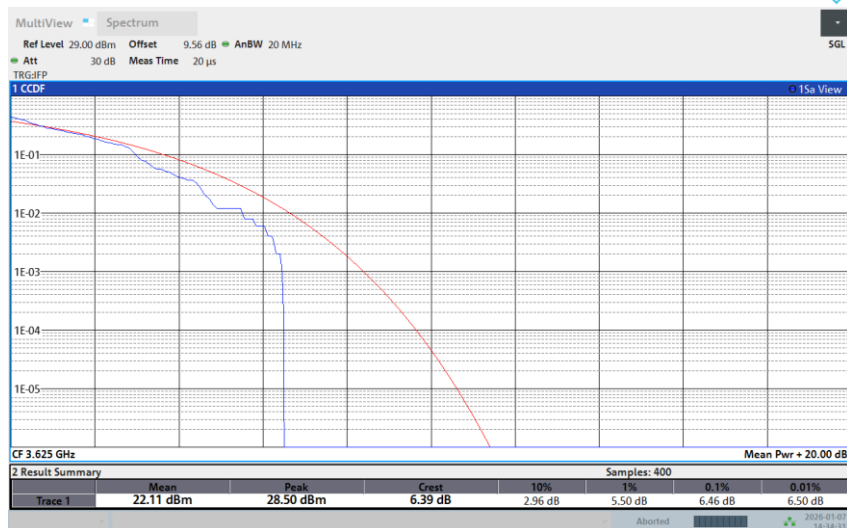
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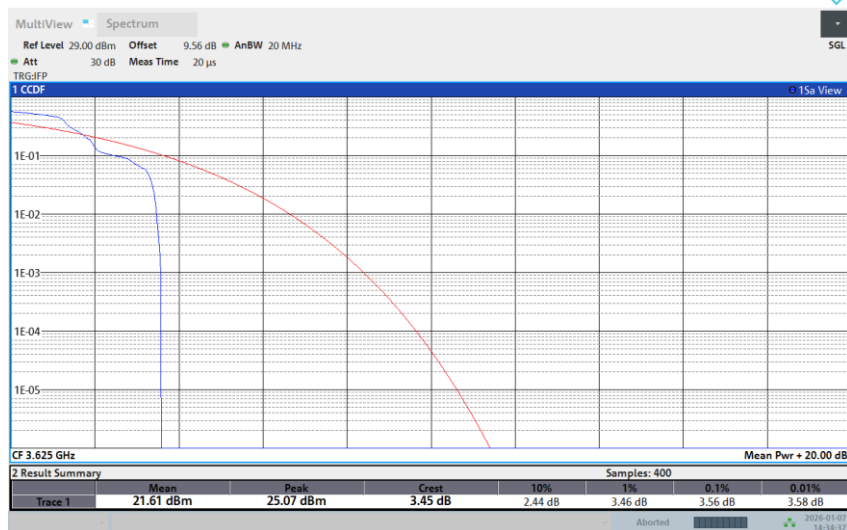
## Test Report No.: RF260714B012



Band 48-15M-MID-16QAM-Full RB



Band 48-15M-MID-64QAM-1RB Low



Band 48-15M-MID-64QAM-Full RB

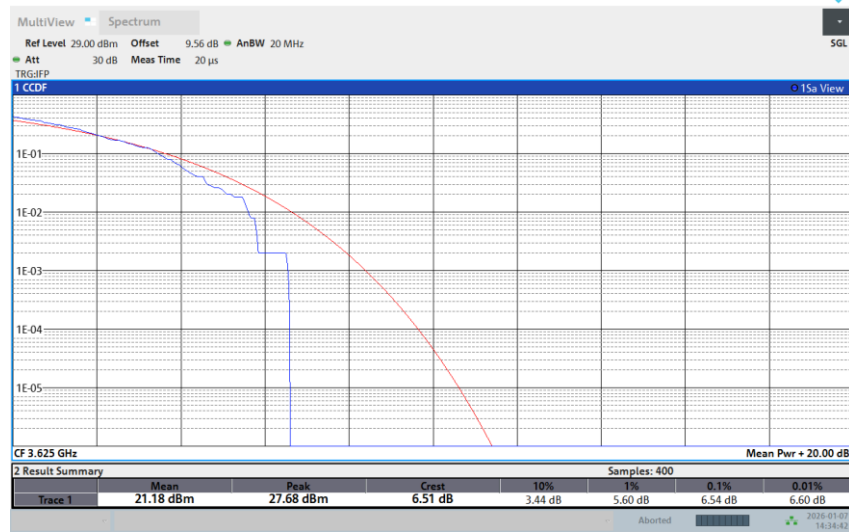
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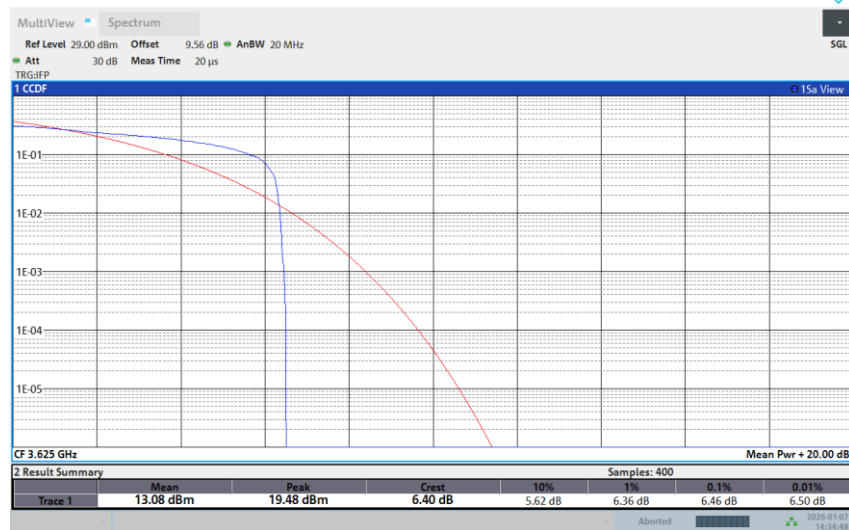
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Email:shimin.wang@boomwavelab.com



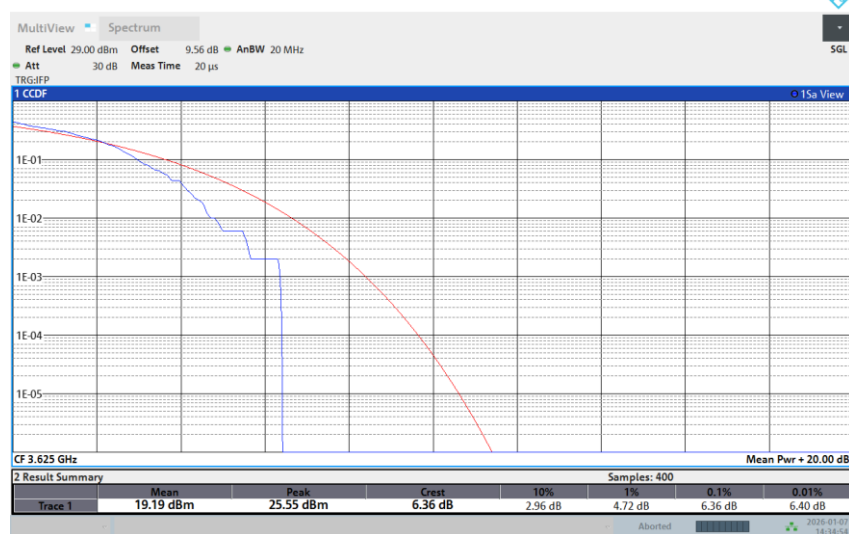
## Test Report No.: RF260714B012



Band 48-15M-MID-256QAM-1RB Low



Band 48-15M-MID-256QAM-Full RB



Band 48-15M-HIGH-QPSK-1RB Low

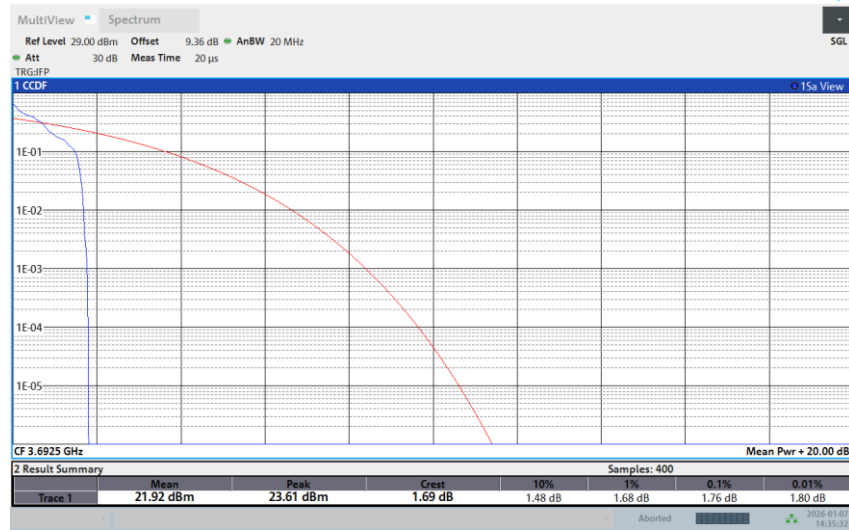
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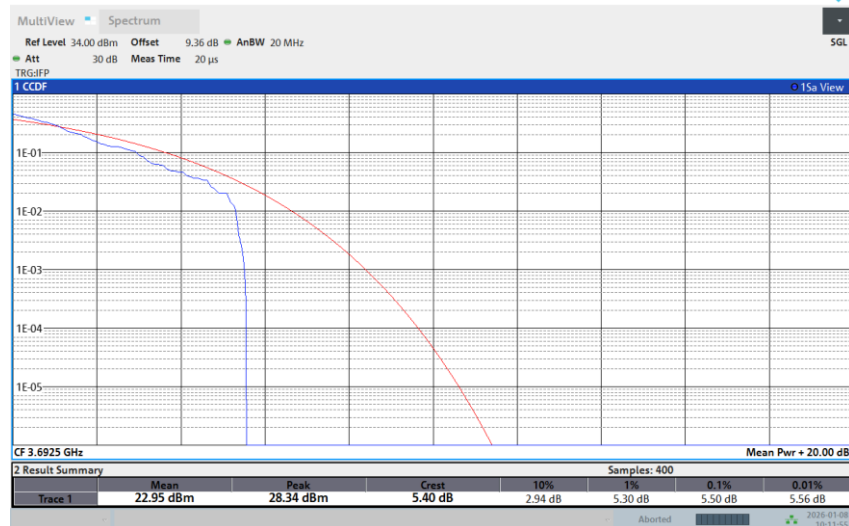
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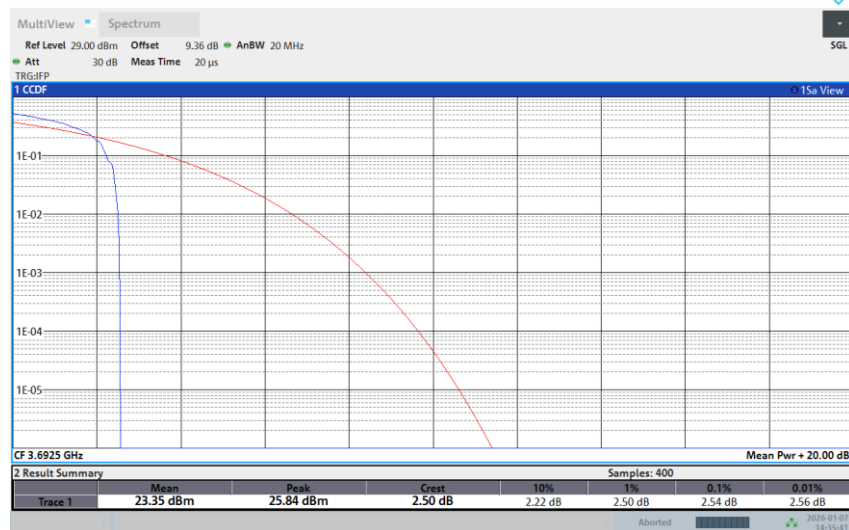
## Test Report No.: RF260714B012



Band 48-15M-HIGH-QPSK-Full RB



Band 48-15M-HIGH-16QAM-1RB Low



Band 48-15M-HIGH-16QAM-Full RB

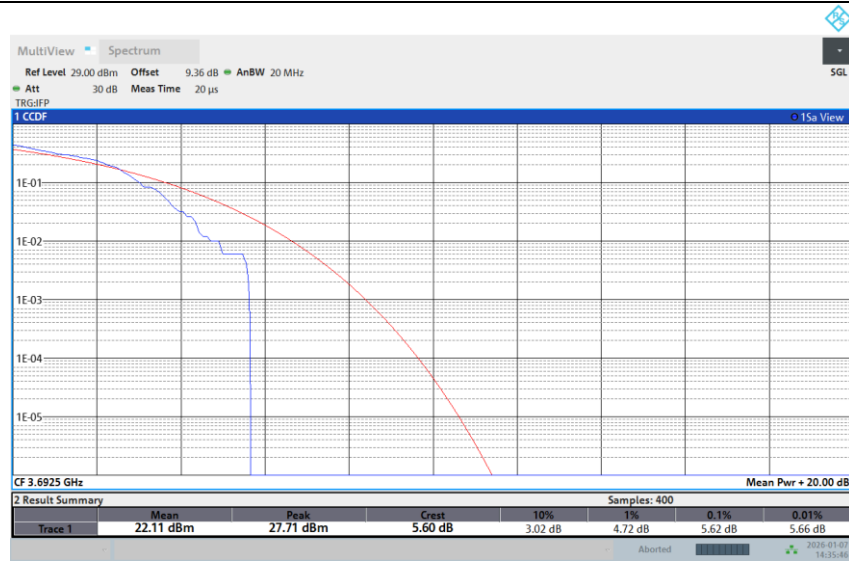
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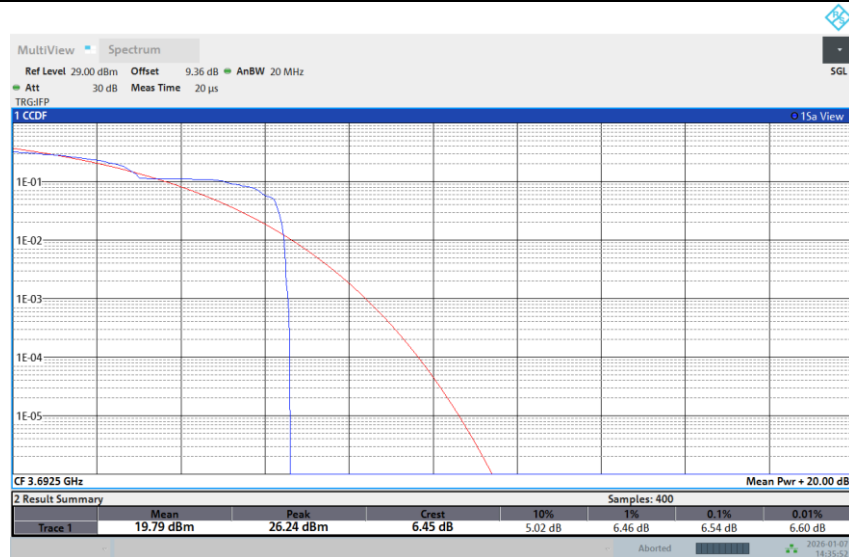
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Email:shimin.wang@boomwavelab.com



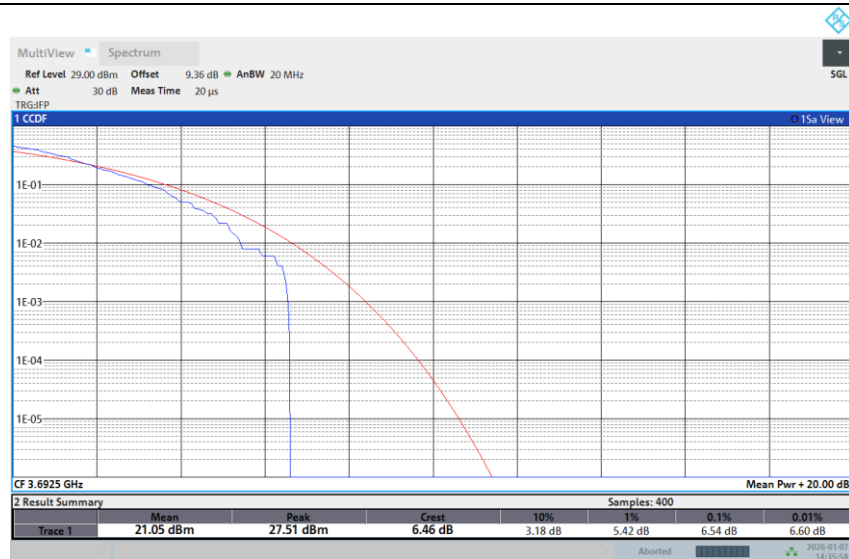
## Test Report No.: RF260714B012



Band 48-15M-HIGH-64QAM-1RB Low



Band 48-15M-HIGH-64QAM-Full RB



Band 48-15M-HIGH-256QAM-1RB Low

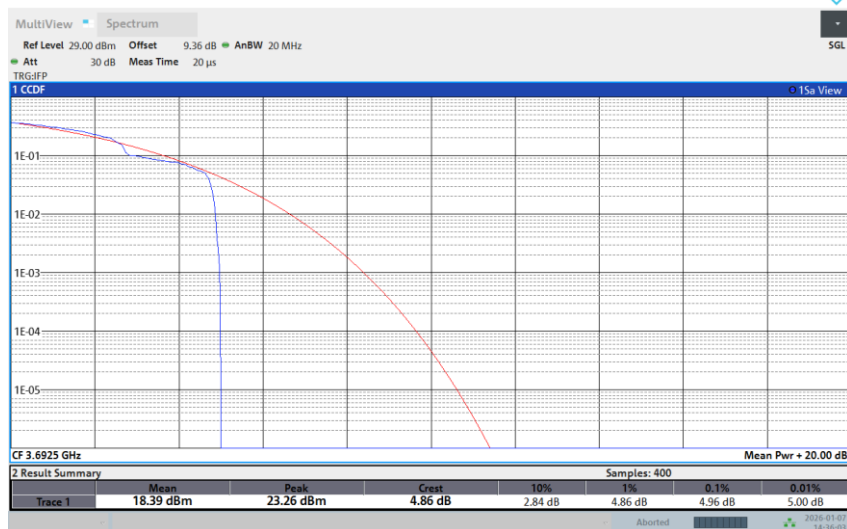
BOOMWAVE TEST (SHENZHEN)  
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Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan  
4th Road, Chiwan Community, Zhaoshang Street,  
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

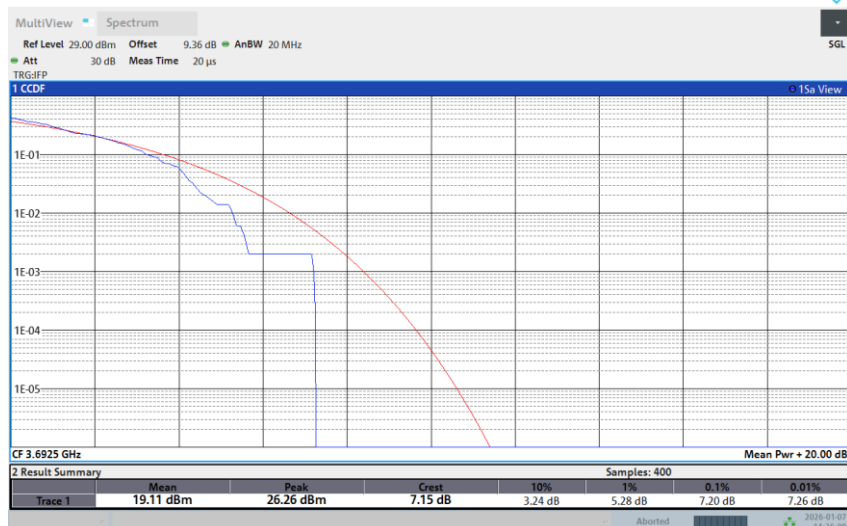
Mobile: +86 15118052731  
Email:shimin.wang@boomwavelab.com



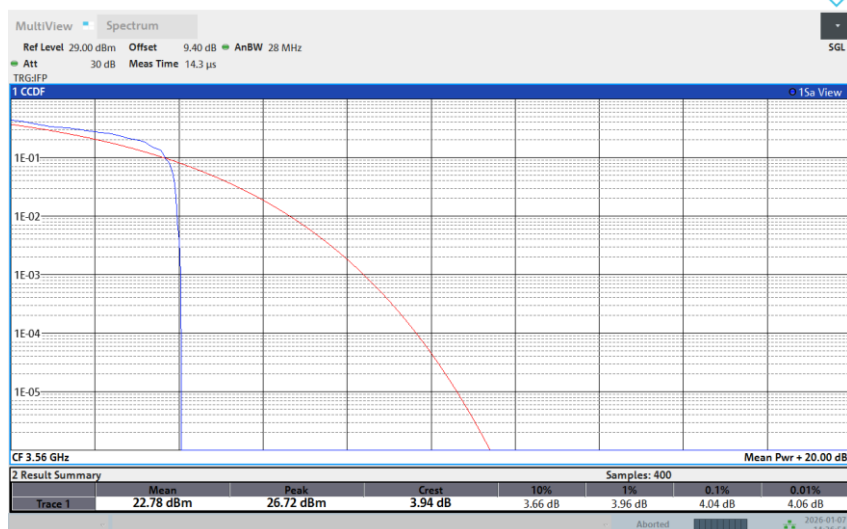
## Test Report No.: RF260714B012



### Band 48-15M-HIGH-256QAM-Full RB



### Band 48-20M-LOW-QPSK-1RB Low



### Band 48-20M-LOW-QPSK-Full RB

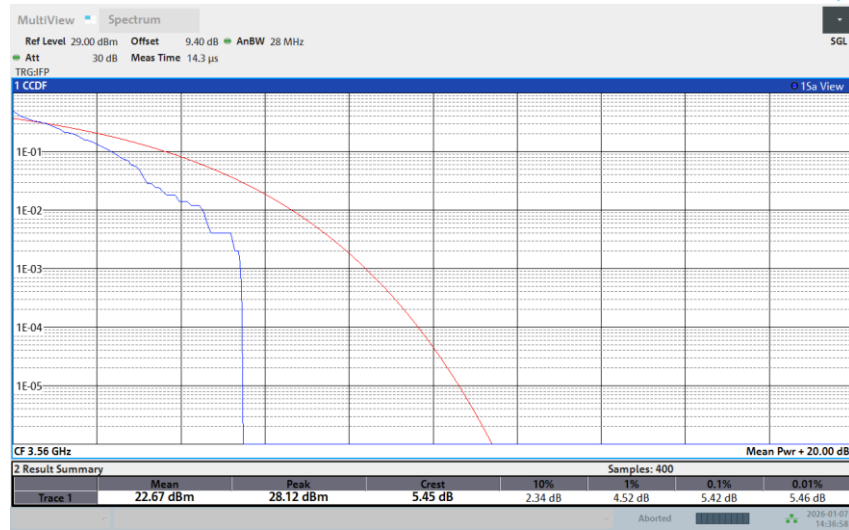
BOOMWAVE TEST (SHENZHEN)  
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan  
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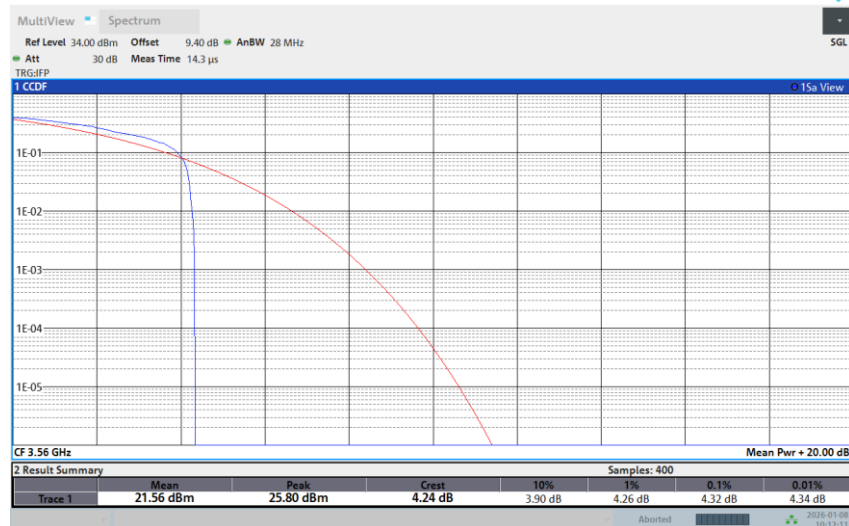
Mobile: +86 15118052731  
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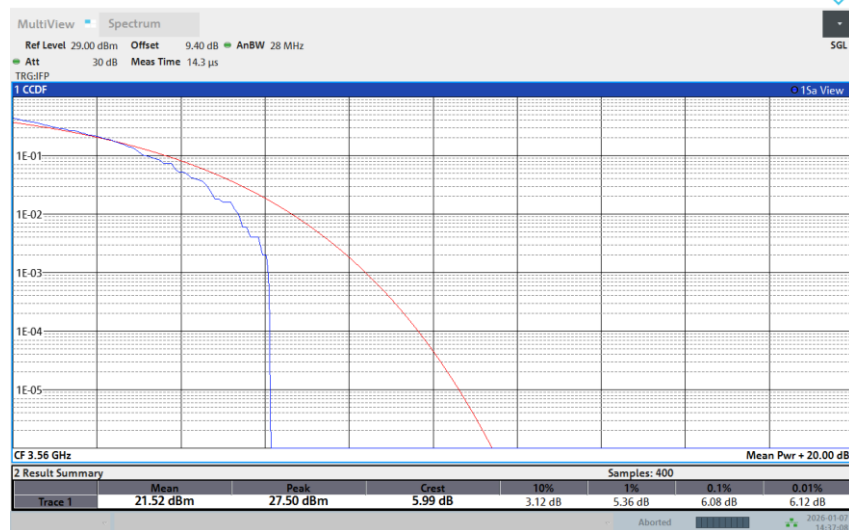
## Test Report No.: RF260714B012



Band 48-20M-LOW-16QAM-1RB Low



Band 48-20M-LOW-16QAM-Full RB



Band 48-20M-LOW-64QAM-1RB Low

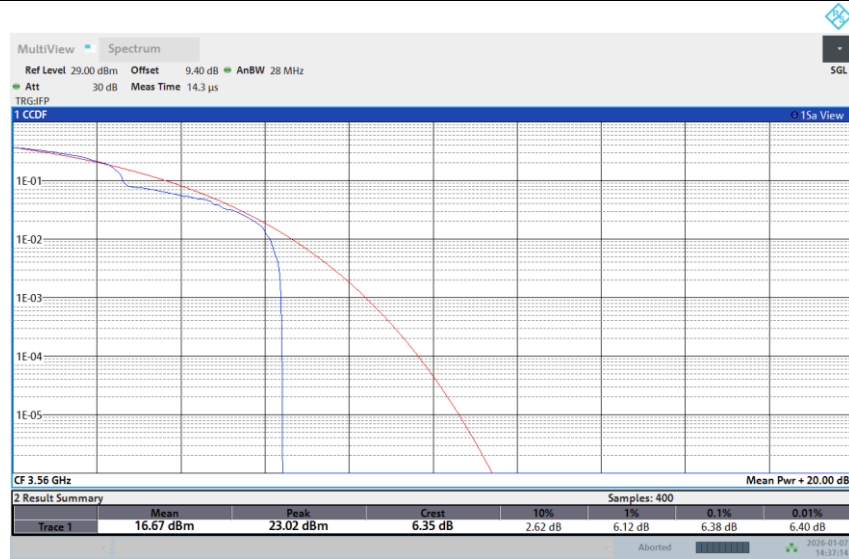
BOOMWAVE TEST (SHENZHEN)  
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4th Road, Chiwan Community, Zhaoshang Street,  
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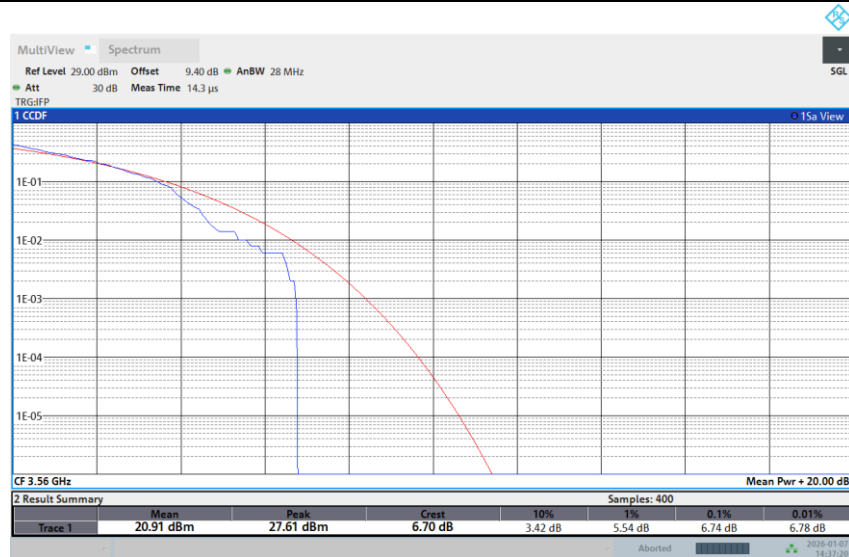
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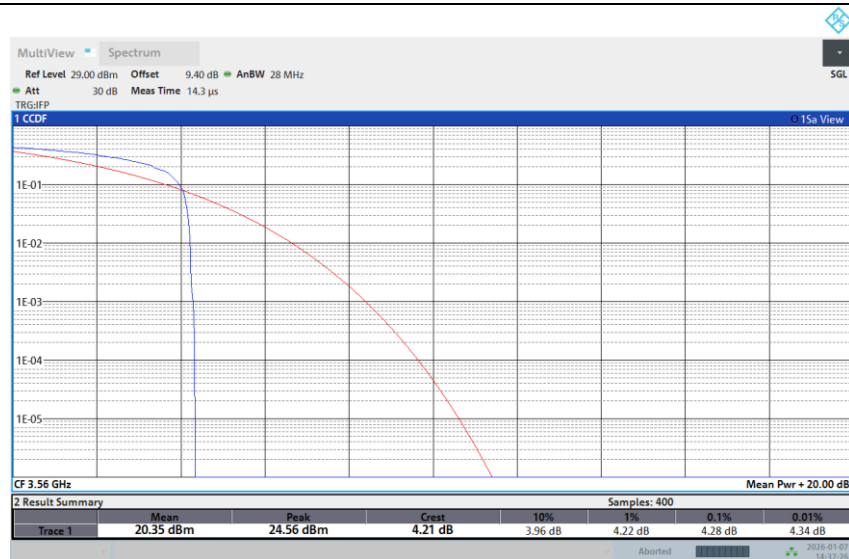
## Test Report No.: RF260714B012



Band 48-20M-LOW-64QAM-Full RB



Band 48-20M-LOW-256QAM-1RB Low



Band 48-20M-LOW-256QAM-Full RB

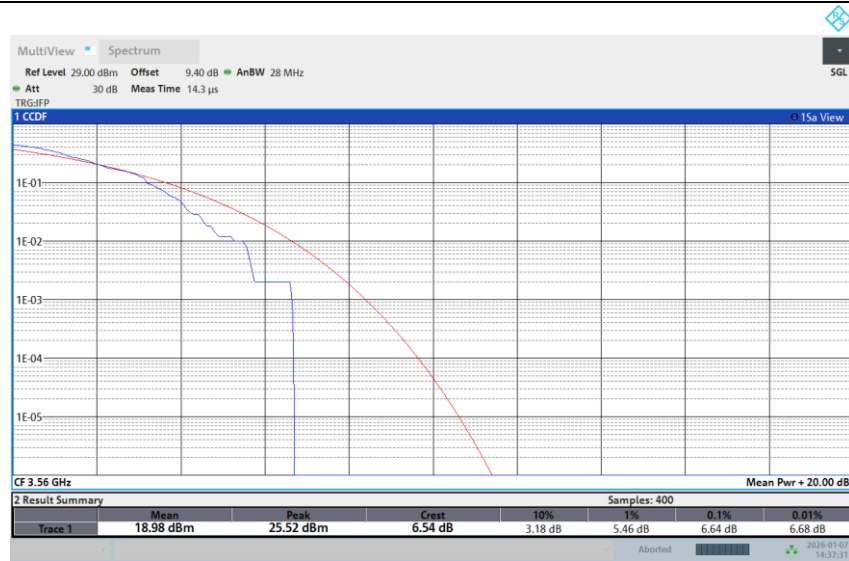
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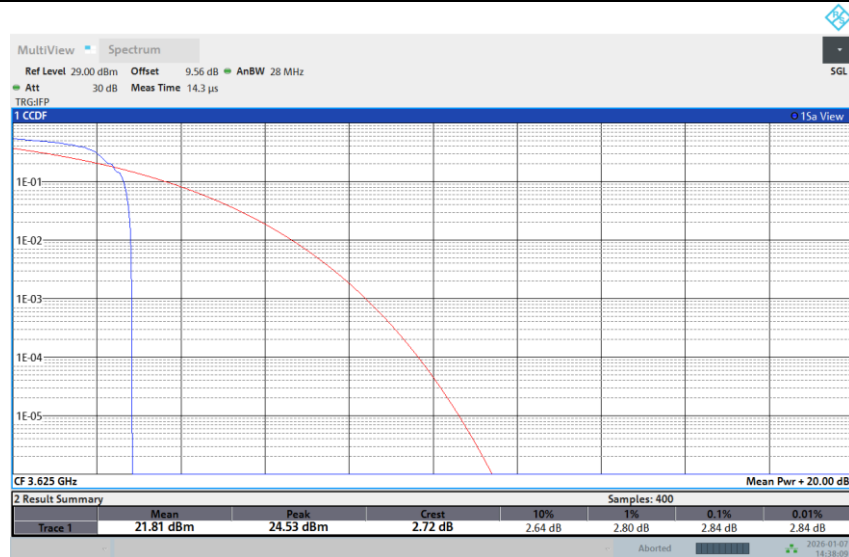
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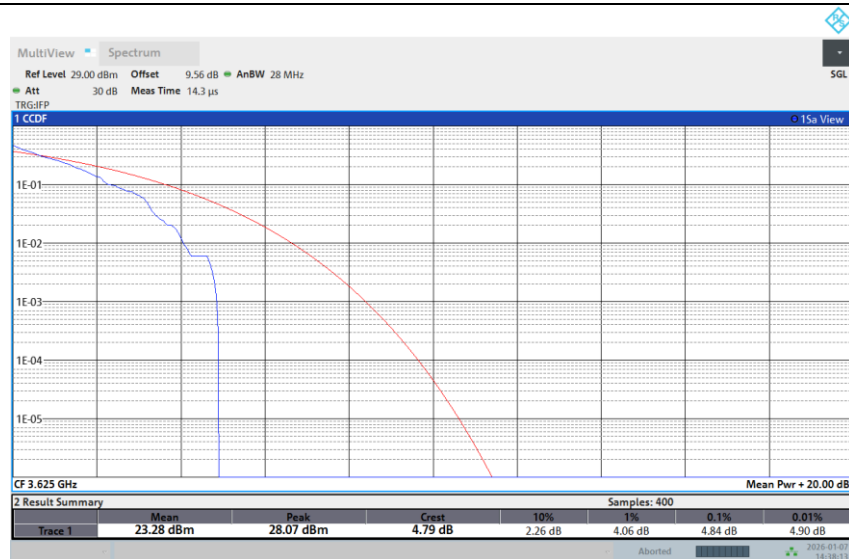
## Test Report No.: RF260714B012



Band 48-20M-MID-QPSK-1RB Low



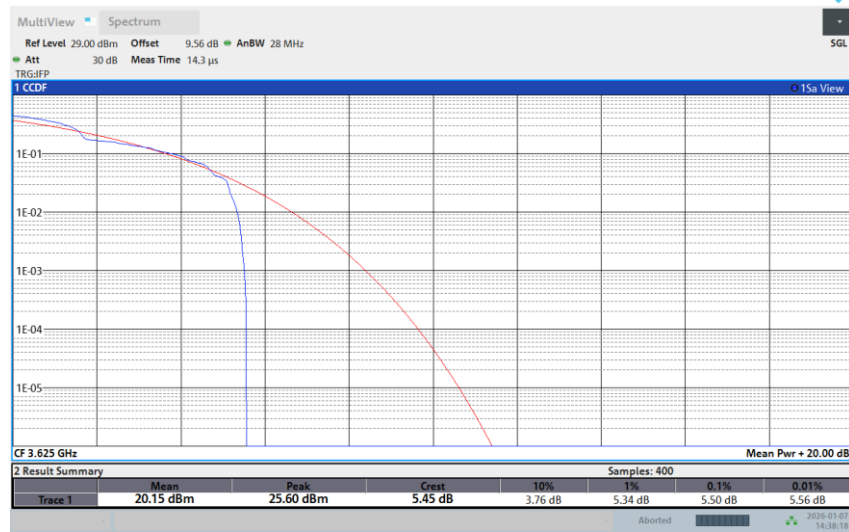
Band 48-20M-MID-QPSK-Full RB



Band 48-20M-MID-16QAM-1RB Low



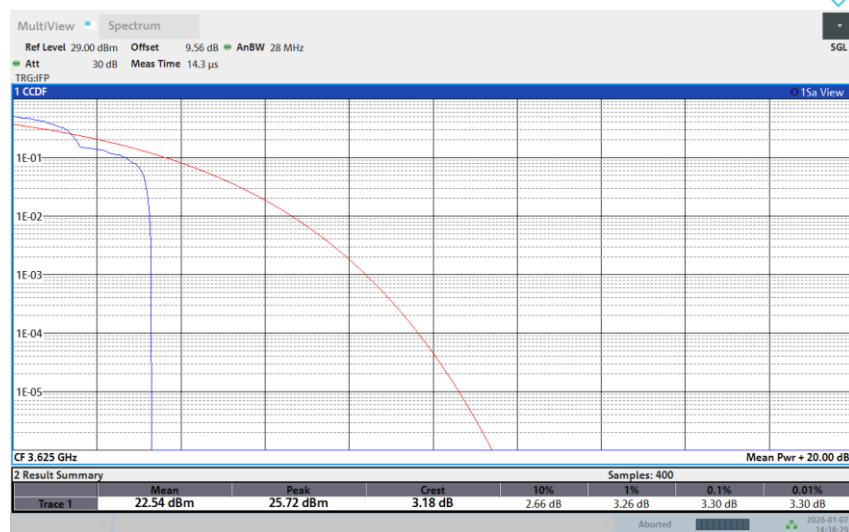
## Test Report No.: RF260714B012



### Band 48-20M-MID-16QAM-Full RB



### Band 48-20M-MID-64QAM-1RB Low



### Band 48-20M-MID-64QAM-Full RB

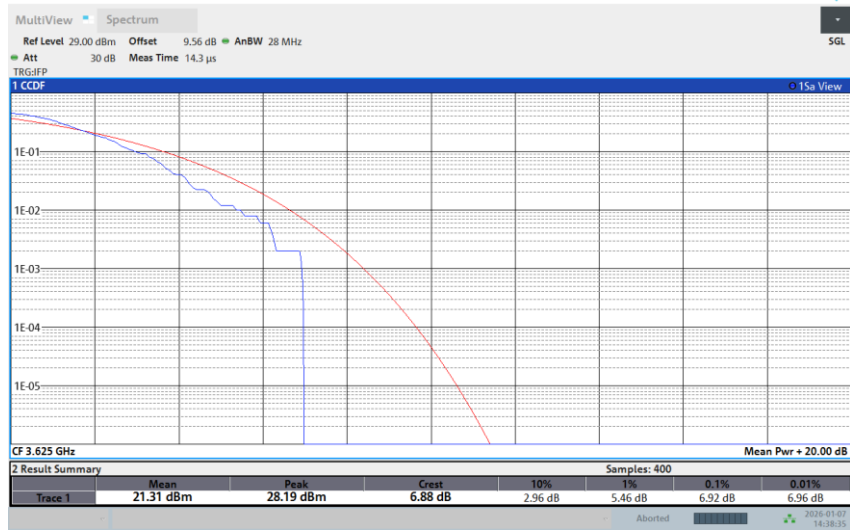
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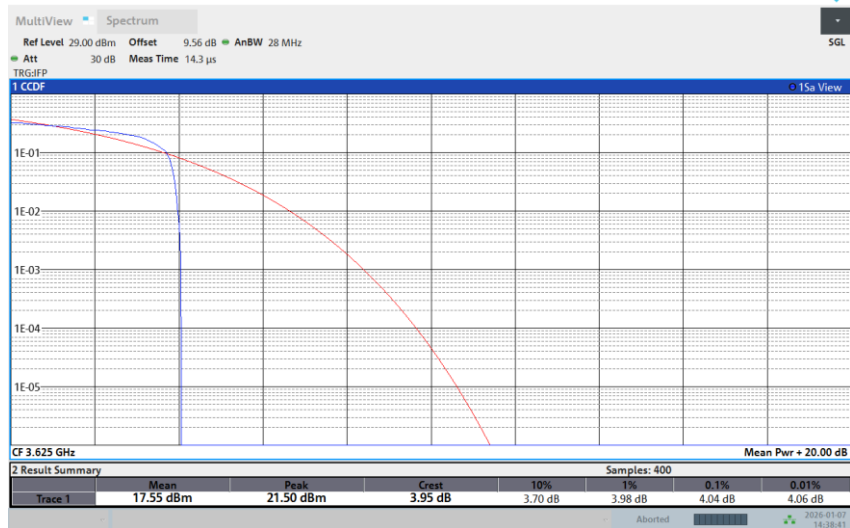
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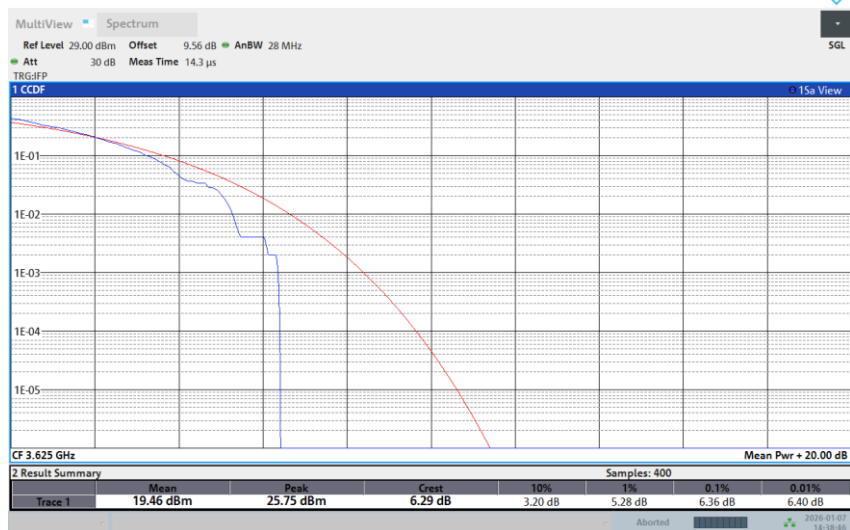
## Test Report No.: RF260714B012



Band 48-20M-MID-256QAM-1RB Low



Band 48-20M-MID-256QAM-Full RB



Band 48-20M-HIGH-QPSK-1RB Low

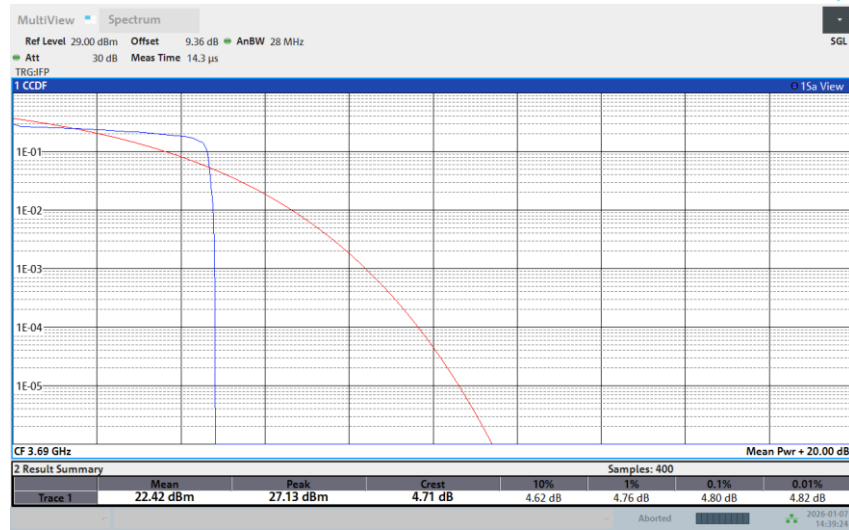
BOOMWAVE TEST (SHENZHEN)  
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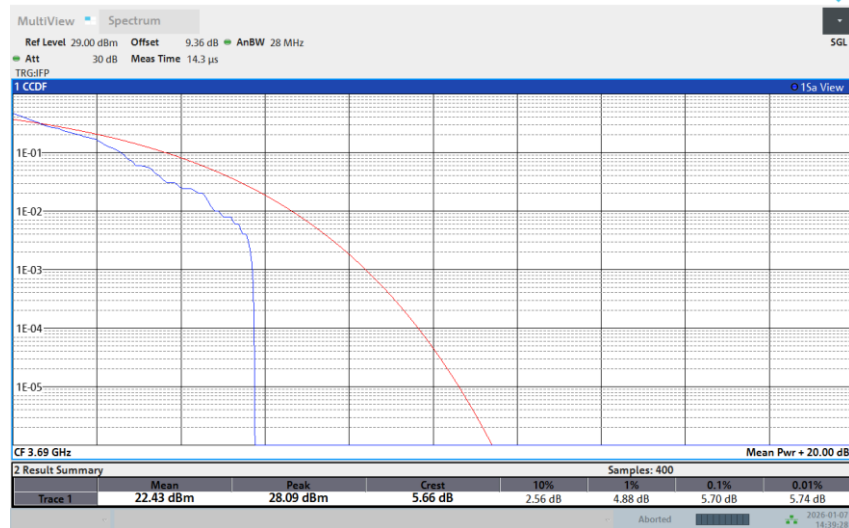
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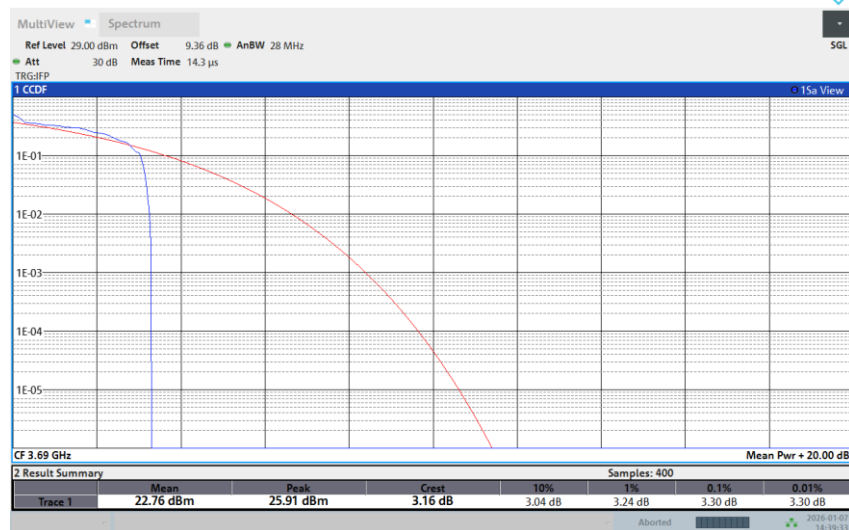
## Test Report No.: RF260714B012



### Band 48-20M-HIGH-QPSK-Full RB



### Band 48-20M-HIGH-16QAM-1RB Low



### Band 48-20M-HIGH-16QAM-Full RB

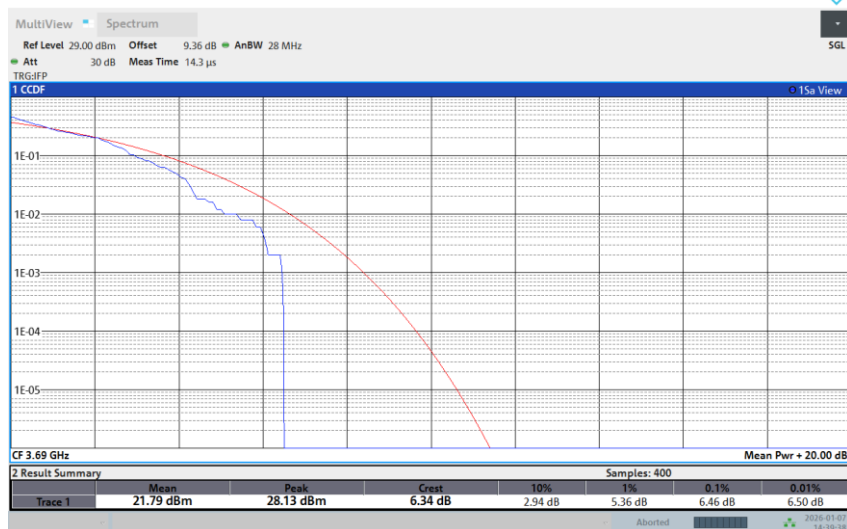
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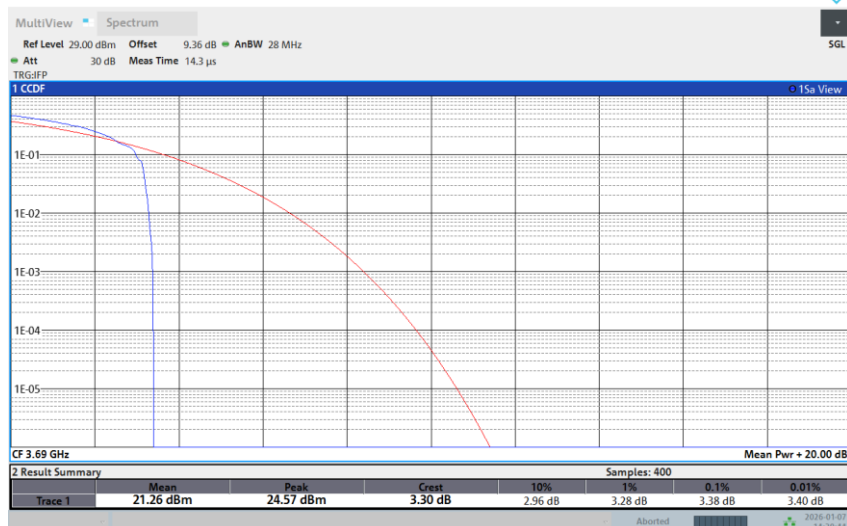
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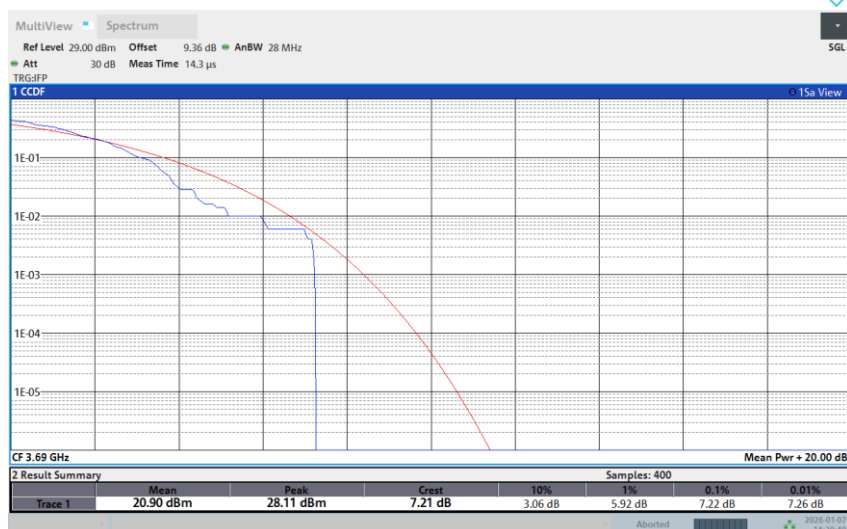
## Test Report No.: RF260714B012



Band 48-20M-HIGH-64QAM-1RB Low



Band 48-20M-HIGH-64QAM-Full RB



Band 48-20M-HIGH-256QAM-1RB Low

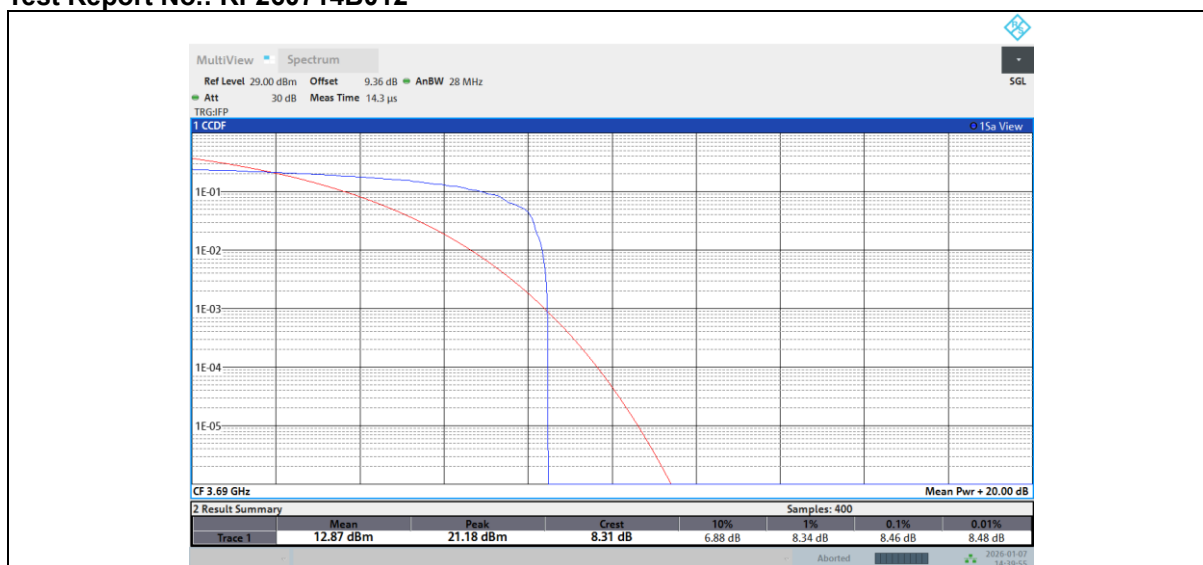
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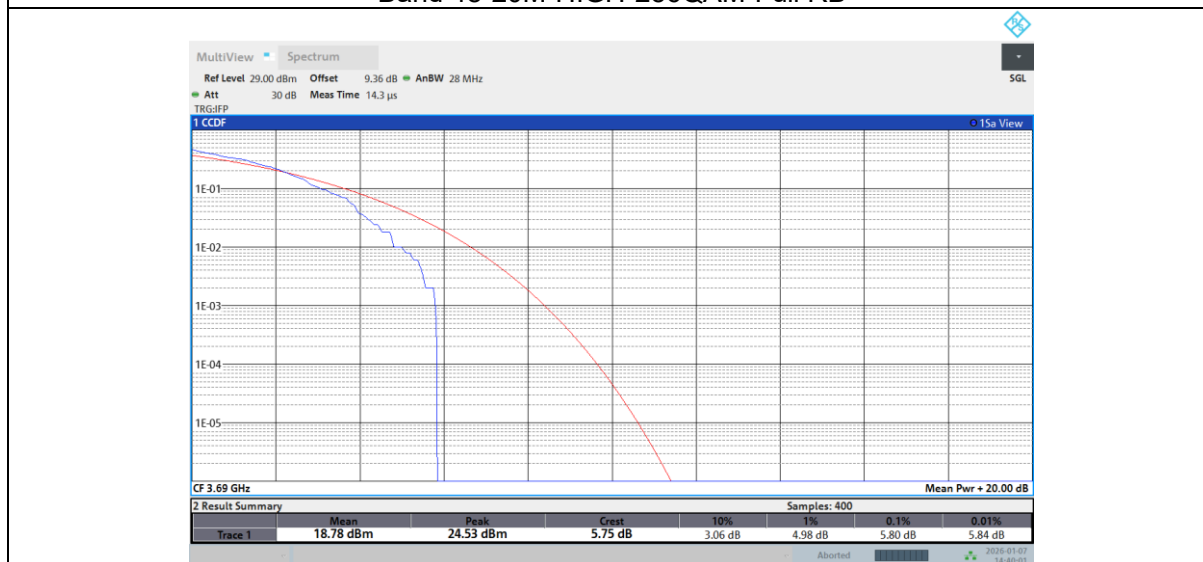
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## Test Report No.: RF260714B012



## Band 48-20M-HIGH-256QAM-Full RB





Test Report No.: RF260714B012

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

### LTE band 48(99%)

| Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth(MHz) | Verdict |
|-----------|------------|---------|------------------|-------------------------|---------|
| 5MHz      | QPSK       | 55265   | Full RB          | 4.488                   | PASS    |
| 5MHz      | 16QAM      | 55265   | Full RB          | 4.488                   | PASS    |
| 5MHz      | 64QAM      | 55265   | Full RB          | 4.492                   | PASS    |
| 5MHz      | 256QAM     | 55265   | Full RB          | 4.490                   | PASS    |
| 5MHz      | QPSK       | 55990   | Full RB          | 4.491                   | PASS    |
| 5MHz      | 16QAM      | 55990   | Full RB          | 4.482                   | PASS    |
| 5MHz      | 64QAM      | 55990   | Full RB          | 4.484                   | PASS    |
| 5MHz      | 256QAM     | 55990   | Full RB          | 4.492                   | PASS    |
| 5MHz      | QPSK       | 56715   | Full RB          | 4.494                   | PASS    |
| 5MHz      | 16QAM      | 56715   | Full RB          | 4.489                   | PASS    |
| 5MHz      | 64QAM      | 56715   | Full RB          | 4.501                   | PASS    |
| 5MHz      | 256QAM     | 56715   | Full RB          | 4.480                   | PASS    |
| 10MHz     | QPSK       | 55290   | Full RB          | 8.956                   | PASS    |
| 10MHz     | 16QAM      | 55290   | Full RB          | 8.979                   | PASS    |
| 10MHz     | 64QAM      | 55290   | Full RB          | 8.962                   | PASS    |
| 10MHz     | 256QAM     | 55290   | Full RB          | 8.960                   | PASS    |
| 10MHz     | QPSK       | 55990   | Full RB          | 8.995                   | PASS    |
| 10MHz     | 16QAM      | 55990   | Full RB          | 8.965                   | PASS    |
| 10MHz     | 64QAM      | 55990   | Full RB          | 8.968                   | PASS    |
| 10MHz     | 256QAM     | 55990   | Full RB          | 8.971                   | PASS    |
| 10MHz     | QPSK       | 56690   | Full RB          | 8.975                   | PASS    |
| 10MHz     | 16QAM      | 56690   | Full RB          | 8.955                   | PASS    |
| 10MHz     | 64QAM      | 56690   | Full RB          | 8.974                   | PASS    |
| 10MHz     | 256QAM     | 56690   | Full RB          | 8.953                   | PASS    |
| 15MHz     | QPSK       | 55315   | Full RB          | 13.464                  | PASS    |
| 15MHz     | 16QAM      | 55315   | Full RB          | 13.506                  | PASS    |
| 15MHz     | 64QAM      | 55315   | Full RB          | 13.445                  | PASS    |
| 15MHz     | 256QAM     | 55315   | Full RB          | 13.479                  | PASS    |
| 15MHz     | QPSK       | 55990   | Full RB          | 13.503                  | PASS    |
| 15MHz     | 16QAM      | 55990   | Full RB          | 13.485                  | PASS    |
| 15MHz     | 64QAM      | 55990   | Full RB          | 13.472                  | PASS    |
| 15MHz     | 256QAM     | 55990   | Full RB          | 13.458                  | PASS    |
| 15MHz     | QPSK       | 56665   | Full RB          | 13.503                  | PASS    |
| 15MHz     | 16QAM      | 56665   | Full RB          | 13.494                  | PASS    |
| 15MHz     | 64QAM      | 56665   | Full RB          | 13.476                  | PASS    |
| 15MHz     | 256QAM     | 56665   | Full RB          | 13.491                  | PASS    |
| 20MHz     | QPSK       | 55340   | Full RB          | 17.926                  | PASS    |
| 20MHz     | 16QAM      | 55340   | Full RB          | 17.91                   | PASS    |
| 20MHz     | 64QAM      | 55340   | Full RB          | 17.896                  | PASS    |
| 20MHz     | 256QAM     | 55340   | Full RB          | 17.912                  | PASS    |
| 20MHz     | QPSK       | 55990   | Full RB          | 17.909                  | PASS    |
| 20MHz     | 16QAM      | 55990   | Full RB          | 17.900                  | PASS    |
| 20MHz     | 64QAM      | 55990   | Full RB          | 17.954                  | PASS    |
| 20MHz     | 256QAM     | 55990   | Full RB          | 17.881                  | PASS    |
| 20MHz     | QPSK       | 56640   | Full RB          | 17.903                  | PASS    |
| 20MHz     | 16QAM      | 56640   | Full RB          | 17.892                  | PASS    |
| 20MHz     | 64QAM      | 56640   | Full RB          | 17.905                  | PASS    |
| 20MHz     | 256QAM     | 56640   | Full RB          | 17.942                  | PASS    |

BOOMWAVE TEST (SHENZHEN)  
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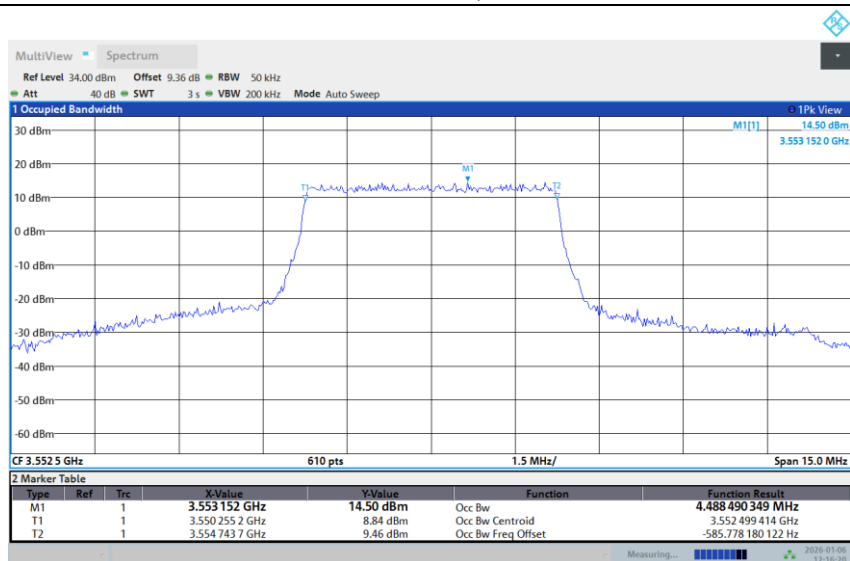
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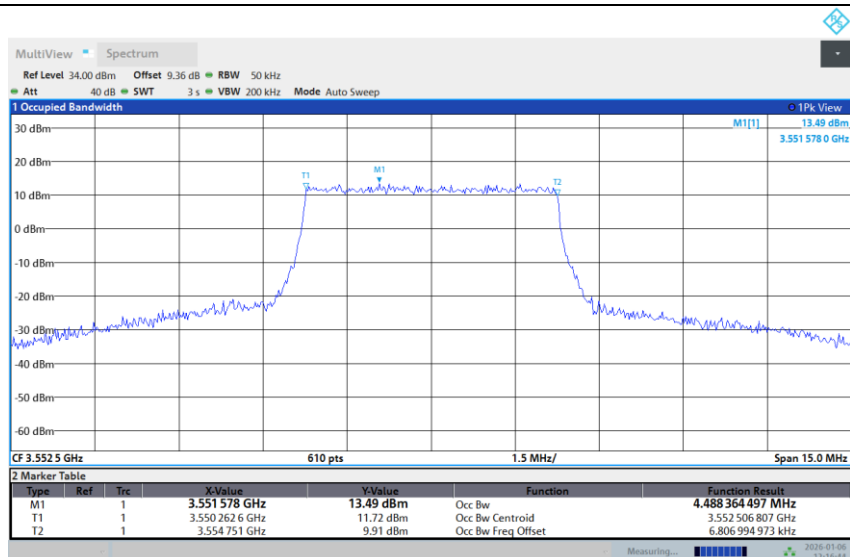


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Test Graphs

Band 48-5M-LOW-QPSK-Full RB



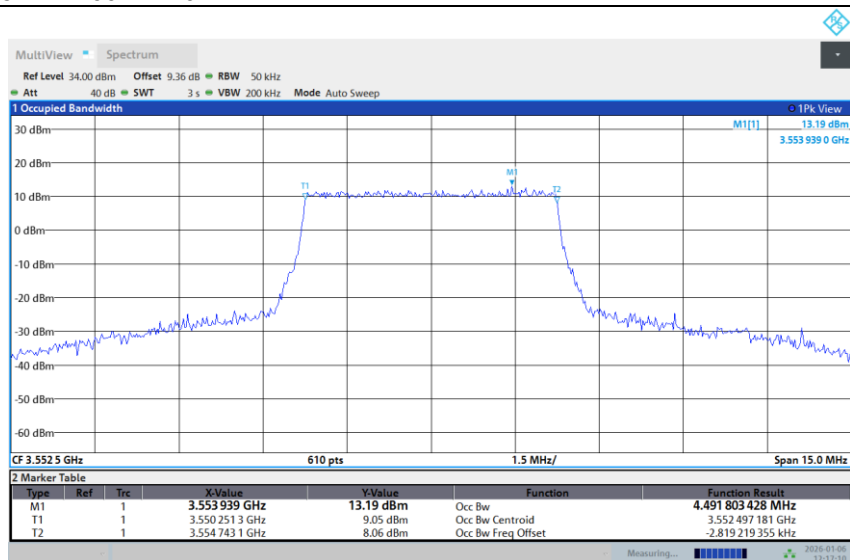
Band 48-5M-LOW-16QAM-Full RB



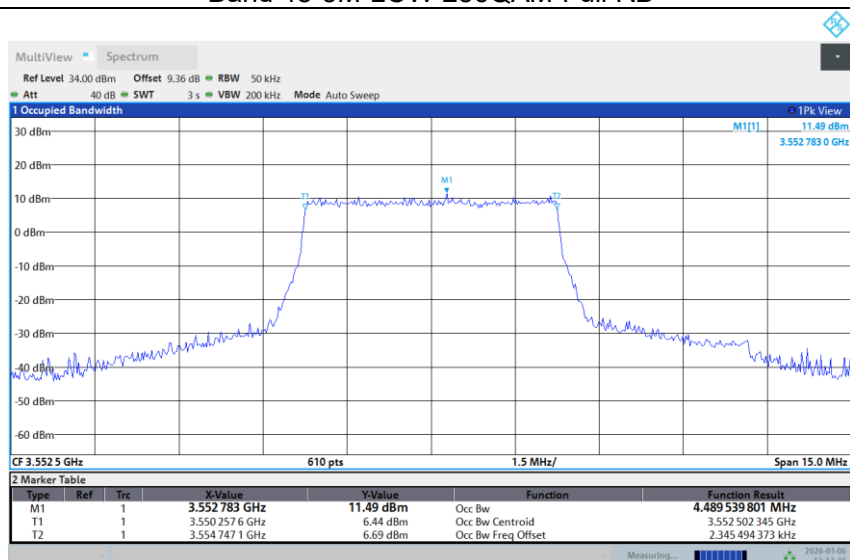
Band 48-5M-LOW-64QAM-Full RB



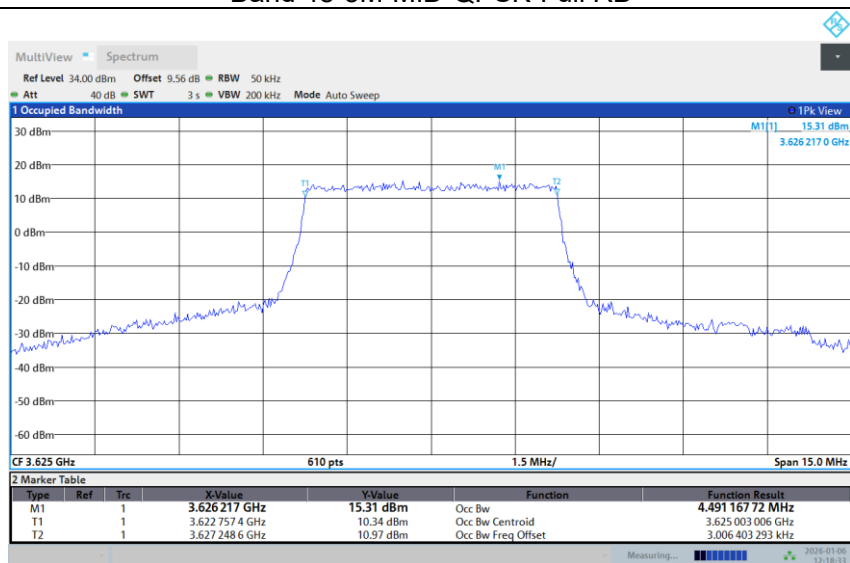
## Test Report No.: RF260714B012



### Band 48-5M-LOW-256QAM-Full RB



### Band 48-5M-MID-QPSK-Full RB



### Band 48-5M-MID-16QAM-Full RB

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