

## **Appendix for WCDMA B4**

Product Name: HTC Smartphone

Model No: Wildfire E7

## AppendixA: Average Power Output Data

### Test Result

| Band  | Channel | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|------------|------------|---------|
| Band4 | 1312    | 22.34      | 30.00      | PASS    |
| Band4 | 1413    | 22.18      | 30.00      | PASS    |
| Band4 | 1513    | 22.40      | 30.00      | PASS    |

| Band  | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|------------|------------|---------|
| Band4 | 1312    | 1       | 21.43      | 30.00      | PASS    |
| Band4 | 1312    | 2       | 20.88      | 30.00      | PASS    |
| Band4 | 1312    | 3       | 20.83      | 30.00      | PASS    |
| Band4 | 1312    | 4       | 20.89      | 30.00      | PASS    |
| Band4 | 1413    | 1       | 21.21      | 30.00      | PASS    |
| Band4 | 1413    | 2       | 20.70      | 30.00      | PASS    |
| Band4 | 1413    | 3       | 20.75      | 30.00      | PASS    |
| Band4 | 1413    | 4       | 20.68      | 30.00      | PASS    |
| Band4 | 1513    | 1       | 21.42      | 30.00      | PASS    |
| Band4 | 1513    | 2       | 21.06      | 30.00      | PASS    |
| Band4 | 1513    | 3       | 20.91      | 30.00      | PASS    |
| Band4 | 1513    | 4       | 21.03      | 30.00      | PASS    |

| Band  | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|------------|------------|---------|
| Band4 | 1312    | 1       | 20.37      | 30.00      | PASS    |
| Band4 | 1312    | 2       | 20.33      | 30.00      | PASS    |
| Band4 | 1312    | 3       | 19.41      | 30.00      | PASS    |
| Band4 | 1312    | 4       | 19.39      | 30.00      | PASS    |
| Band4 | 1312    | 5       | 18.87      | 30.00      | PASS    |
| Band4 | 1413    | 1       | 20.27      | 30.00      | PASS    |
| Band4 | 1413    | 2       | 20.21      | 30.00      | PASS    |
| Band4 | 1413    | 3       | 19.24      | 30.00      | PASS    |
| Band4 | 1413    | 4       | 19.23      | 30.00      | PASS    |
| Band4 | 1413    | 5       | 18.75      | 30.00      | PASS    |
| Band4 | 1513    | 1       | 20.62      | 30.00      | PASS    |
| Band4 | 1513    | 2       | 20.53      | 30.00      | PASS    |
| Band4 | 1513    | 3       | 19.58      | 30.00      | PASS    |
| Band4 | 1513    | 4       | 19.55      | 30.00      | PASS    |
| Band4 | 1513    | 5       | 19.08      | 30.00      | PASS    |

## AppendixB:Peak-to-Average Ratio

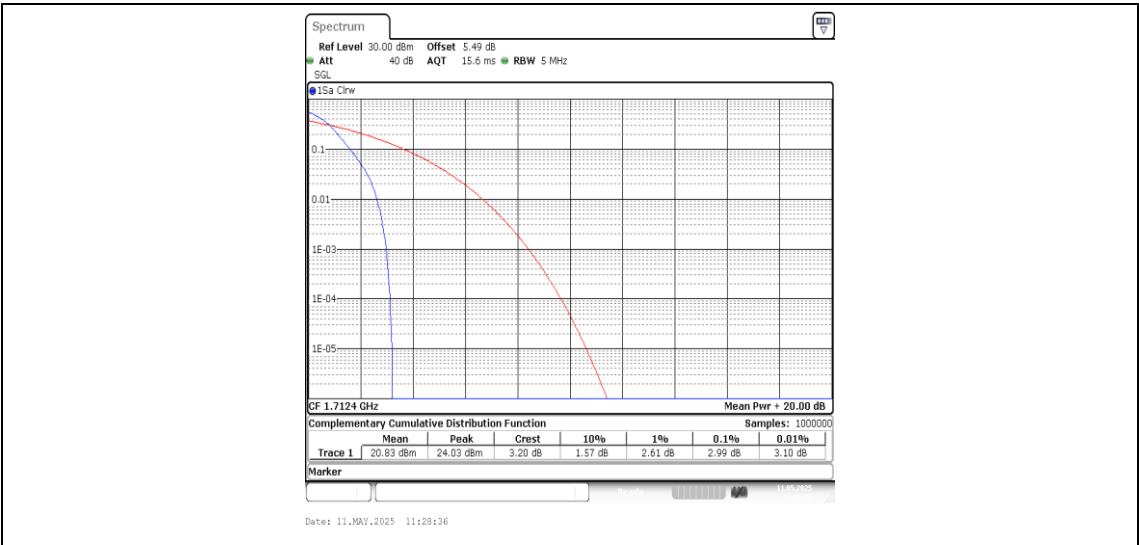
### Test Result

| Band  | Channel | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------------------------|-----------|---------|
| Band4 | 1312    | 2.99                      | 13        | PASS    |
| Band4 | 1413    | 3.07                      | 13        | PASS    |
| Band4 | 1513    | 2.96                      | 13        | PASS    |

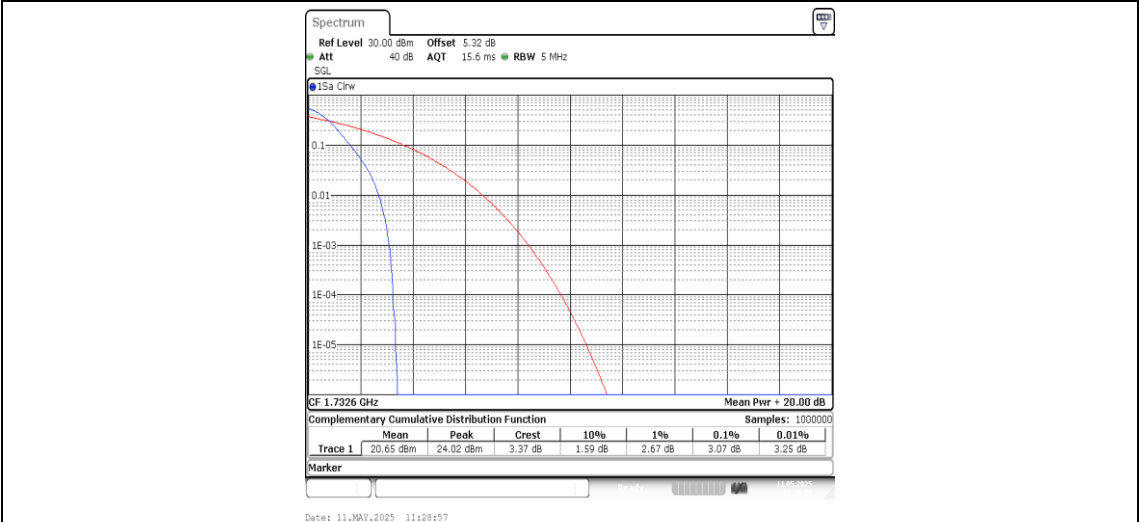
| Band  | Channel | SubTest | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------|---------------------------|-----------|---------|
| Band4 | 1312    | 1       | 3.13                      | 13        | PASS    |
| Band4 | 1312    | 2       | 3.39                      | 13        | PASS    |
| Band4 | 1312    | 3       | 3.54                      | 13        | PASS    |
| Band4 | 1312    | 4       | 3.59                      | 13        | PASS    |
| Band4 | 1413    | 1       | 3.16                      | 13        | PASS    |
| Band4 | 1413    | 2       | 3.42                      | 13        | PASS    |
| Band4 | 1413    | 3       | 3.59                      | 13        | PASS    |
| Band4 | 1413    | 4       | 3.62                      | 13        | PASS    |
| Band4 | 1513    | 1       | 3.1                       | 13        | PASS    |
| Band4 | 1513    | 2       | 3.33                      | 13        | PASS    |
| Band4 | 1513    | 3       | 3.51                      | 13        | PASS    |
| Band4 | 1513    | 4       | 3.57                      | 13        | PASS    |

| Band  | Channel | SubTest | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------|---------------------------|-----------|---------|
| Band4 | 1312    | 1       | 4.49                      | 13        | PASS    |
| Band4 | 1312    | 2       | 5.42                      | 13        | PASS    |
| Band4 | 1312    | 3       | 4.87                      | 13        | PASS    |
| Band4 | 1312    | 4       | 5.57                      | 13        | PASS    |
| Band4 | 1312    | 5       | 4.2                       | 13        | PASS    |
| Band4 | 1413    | 1       | 4.43                      | 13        | PASS    |
| Band4 | 1413    | 2       | 5.48                      | 13        | PASS    |
| Band4 | 1413    | 3       | 5.01                      | 13        | PASS    |
| Band4 | 1413    | 4       | 5.62                      | 13        | PASS    |
| Band4 | 1413    | 5       | 4.23                      | 13        | PASS    |
| Band4 | 1513    | 1       | 4.41                      | 13        | PASS    |
| Band4 | 1513    | 2       | 5.39                      | 13        | PASS    |
| Band4 | 1513    | 3       | 4.87                      | 13        | PASS    |
| Band4 | 1513    | 4       | 5.51                      | 13        | PASS    |
| Band4 | 1513    | 5       | 4.14                      | 13        | PASS    |

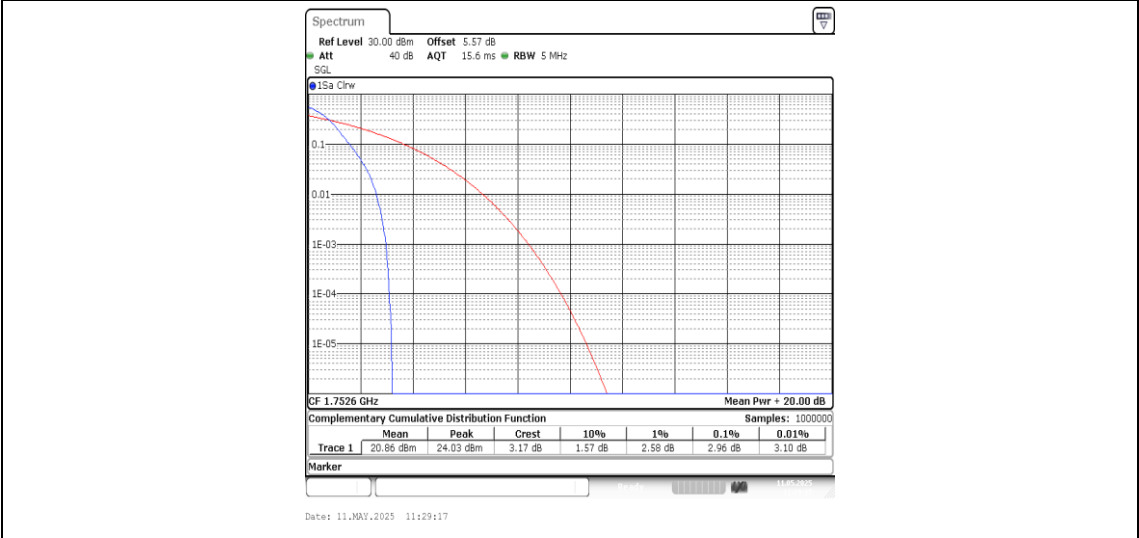
Test Graphs

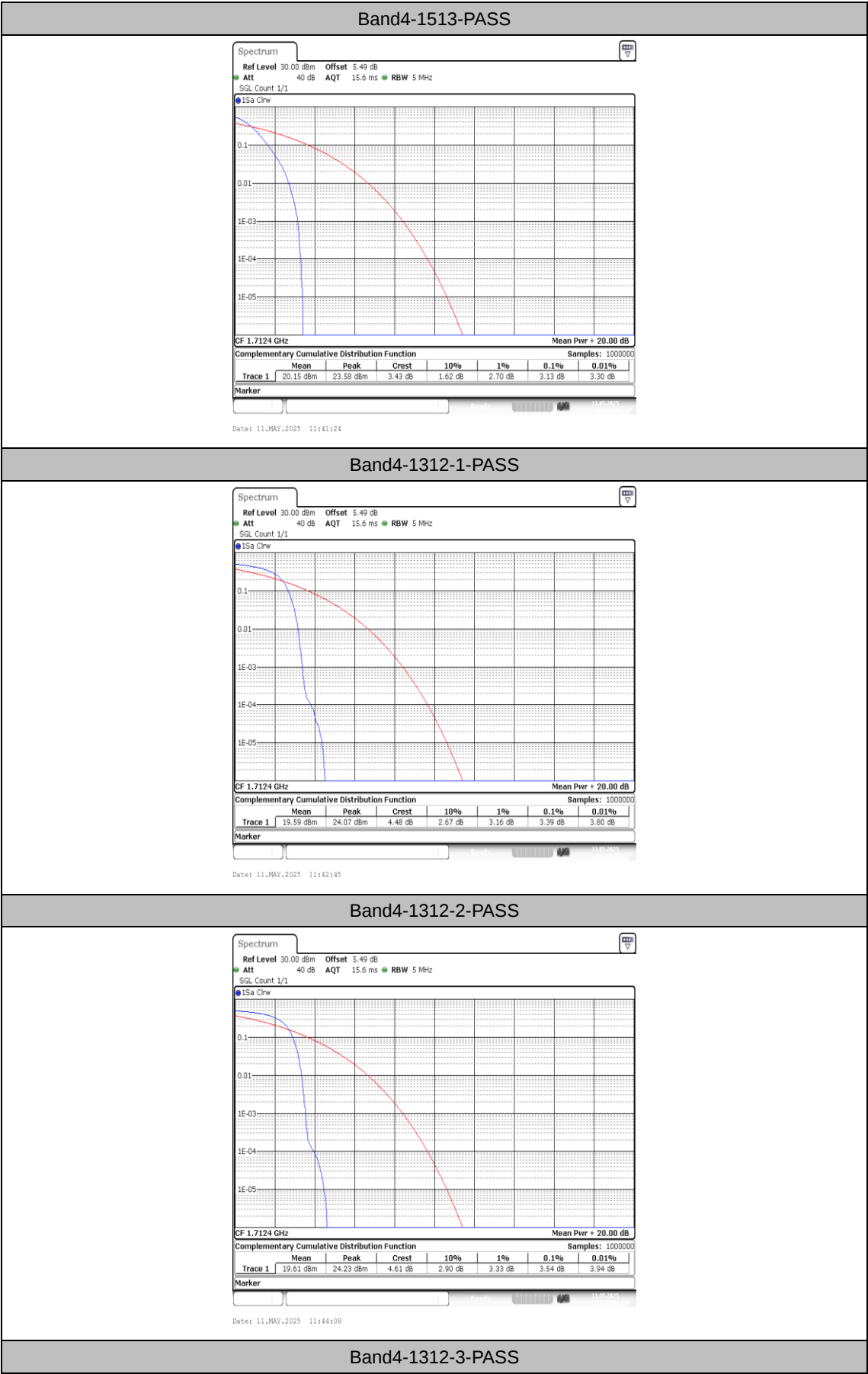


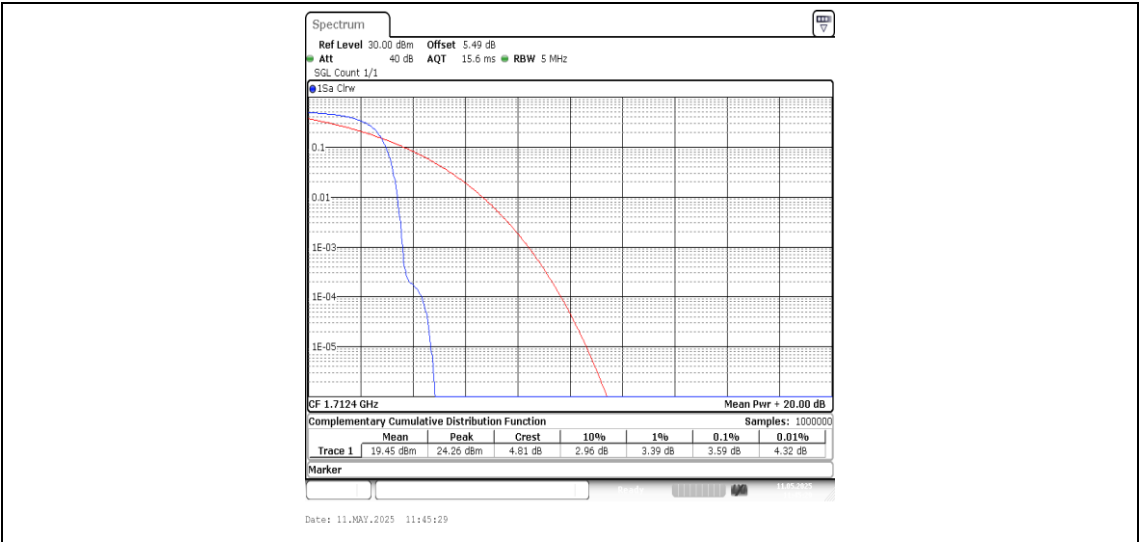
Band4-1312-PASS



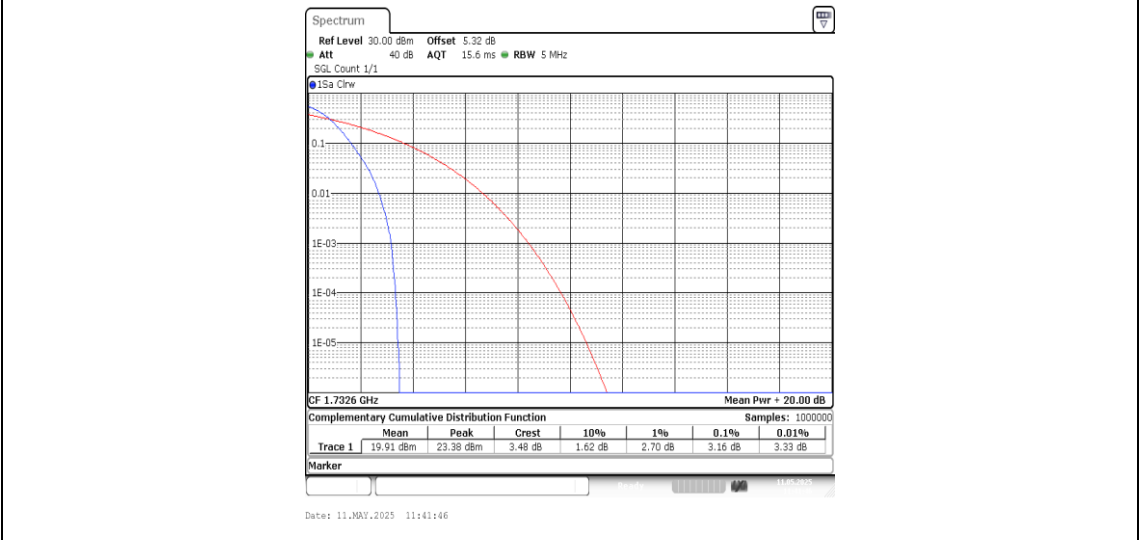
Band4-1413-PASS



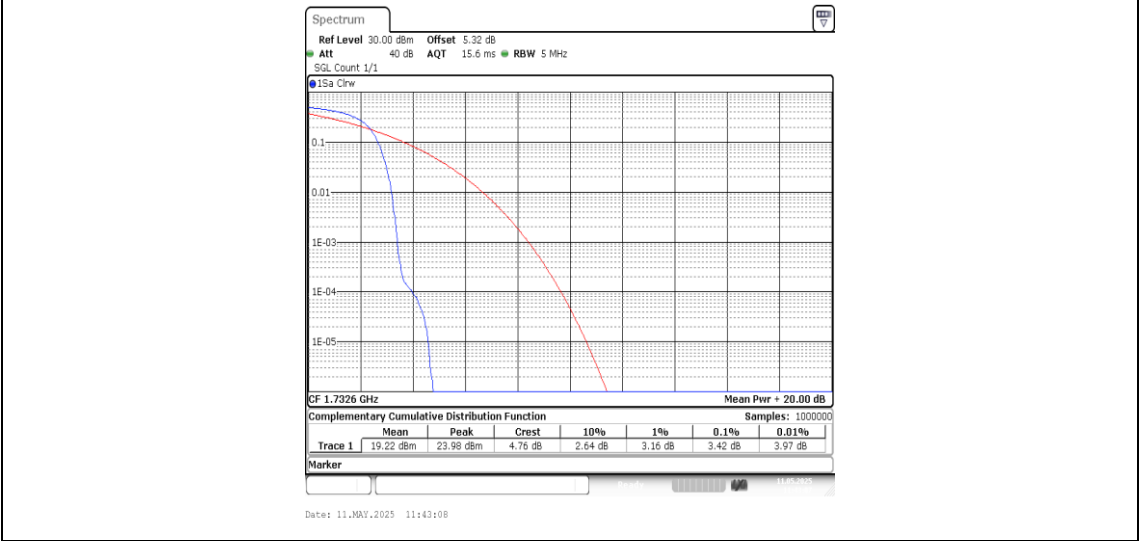




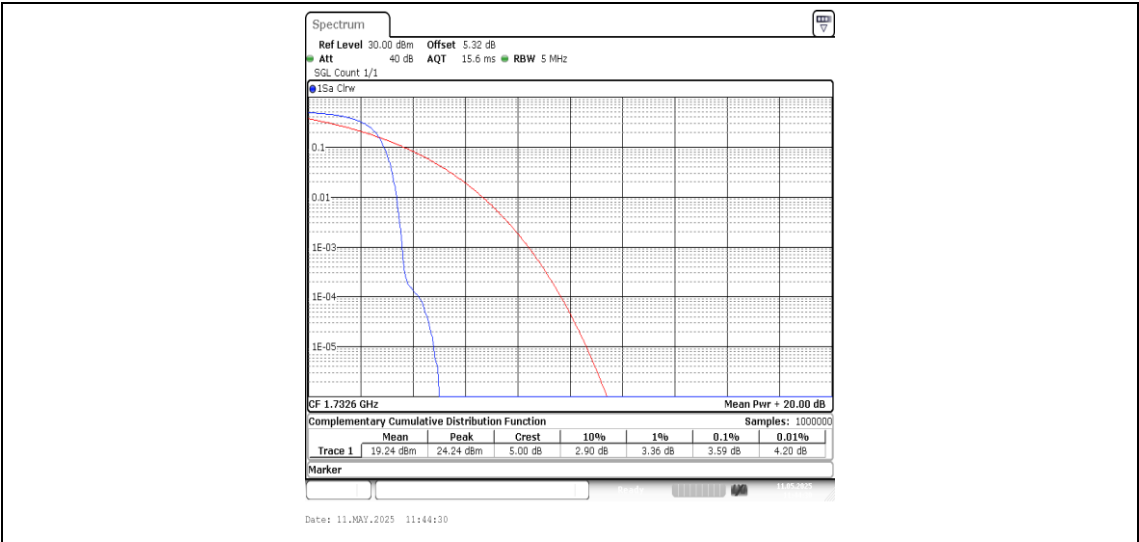
Band4-1312-4-PASS



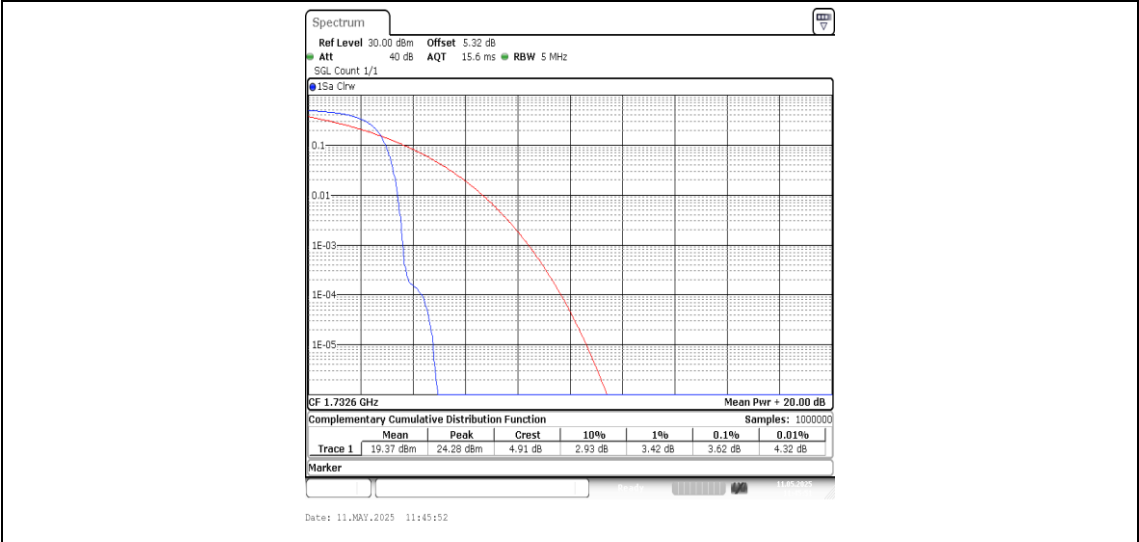
Band4-1413-1-PASS



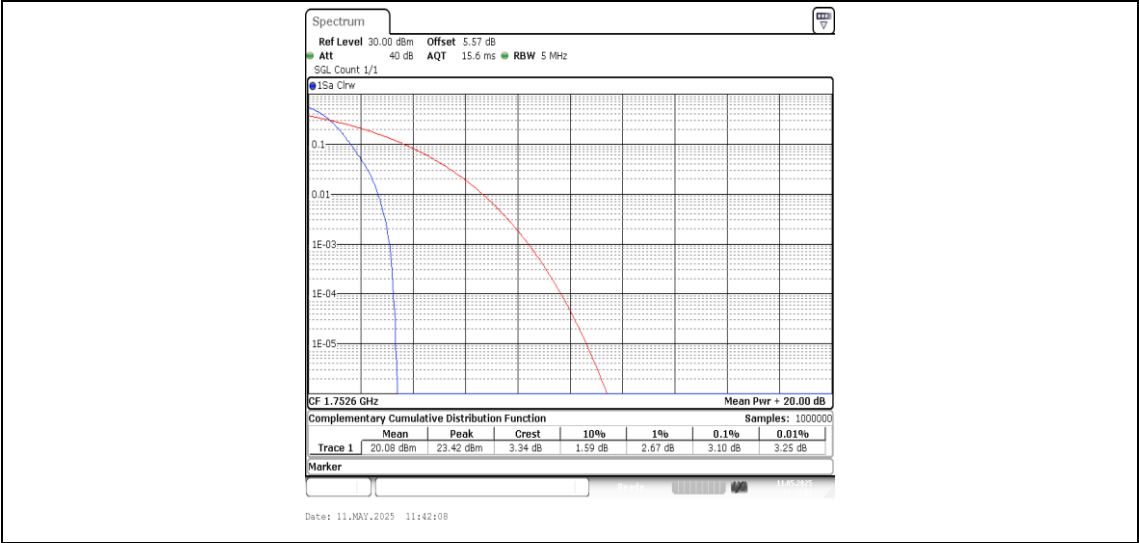
Band4-1413-2-PASS



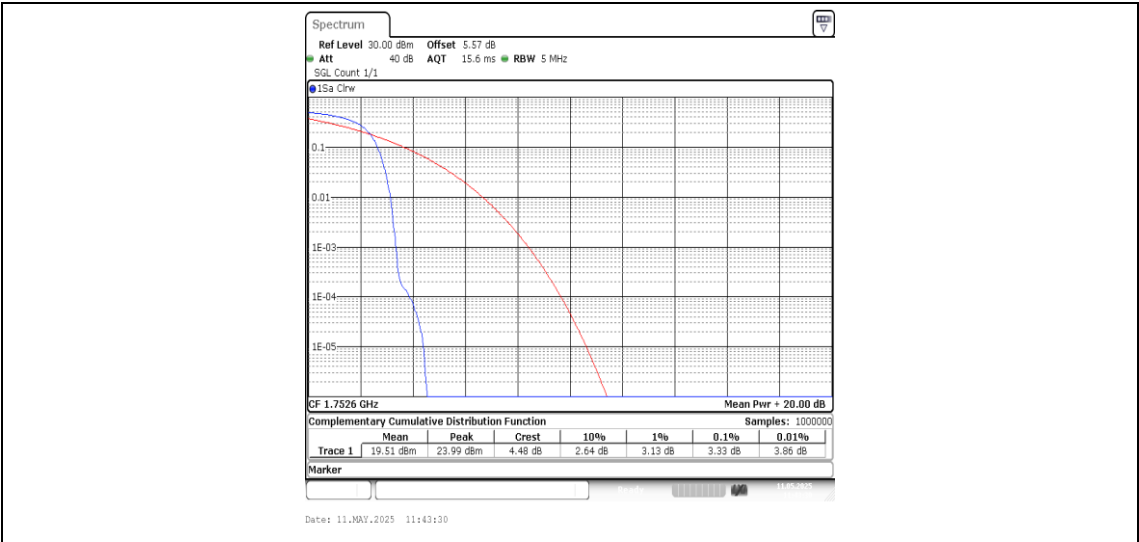
Band4-1413-3-PASS



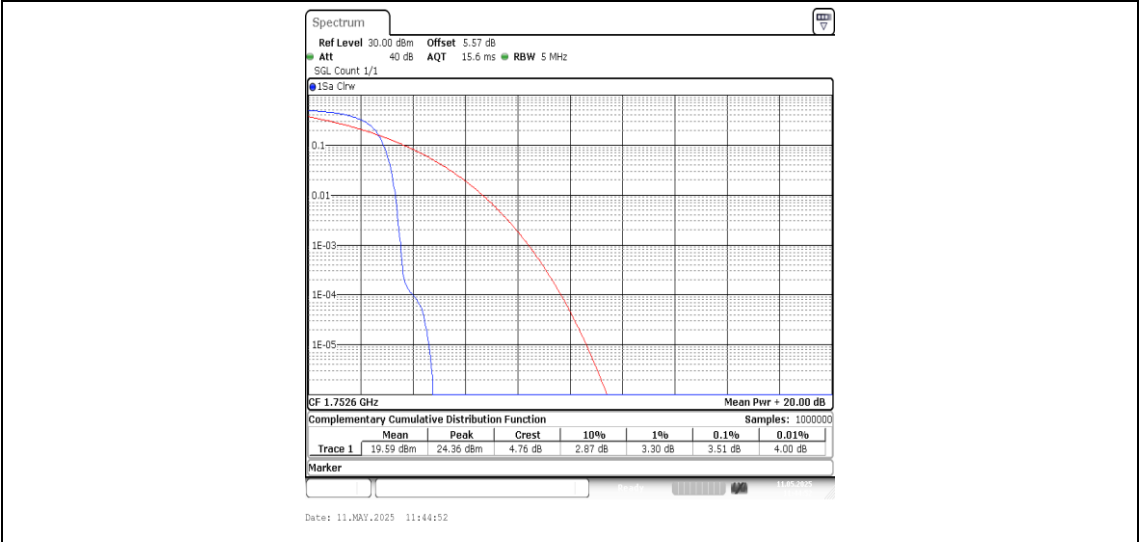
Band4-1413-4-PASS



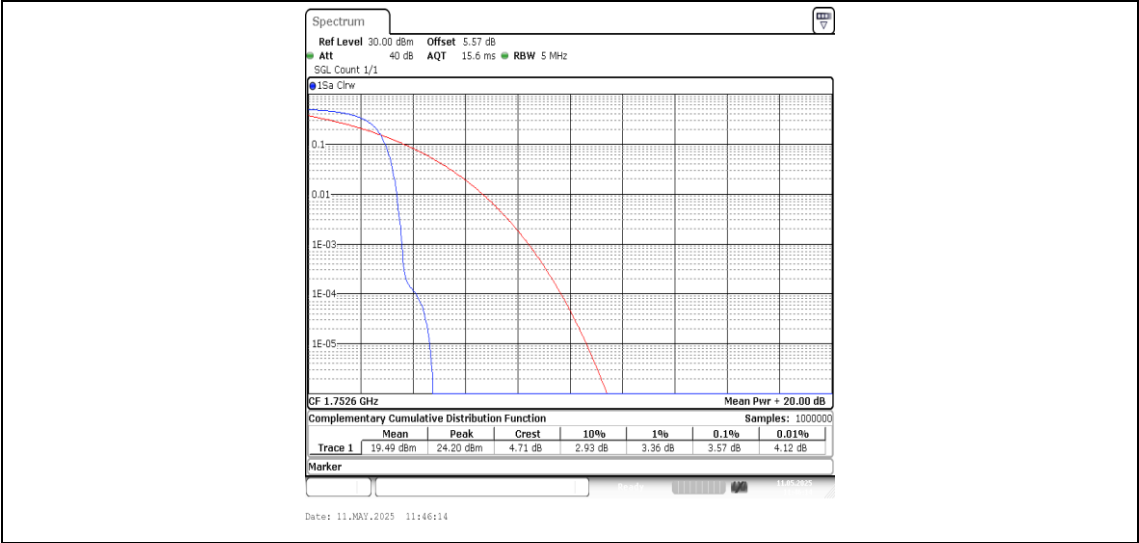
Band4-1513-1-PASS



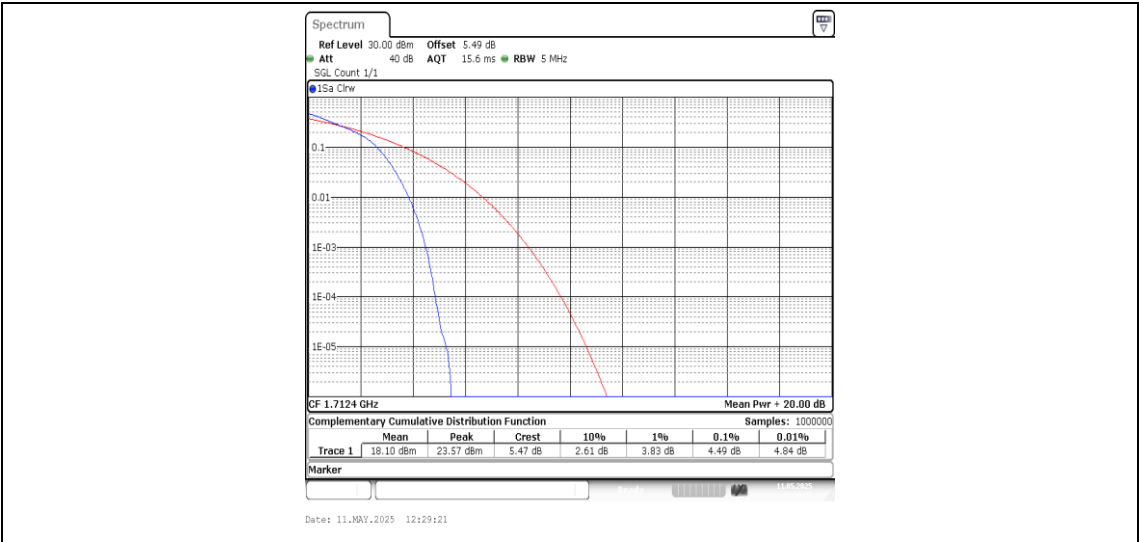
Band4-1513-2-PASS



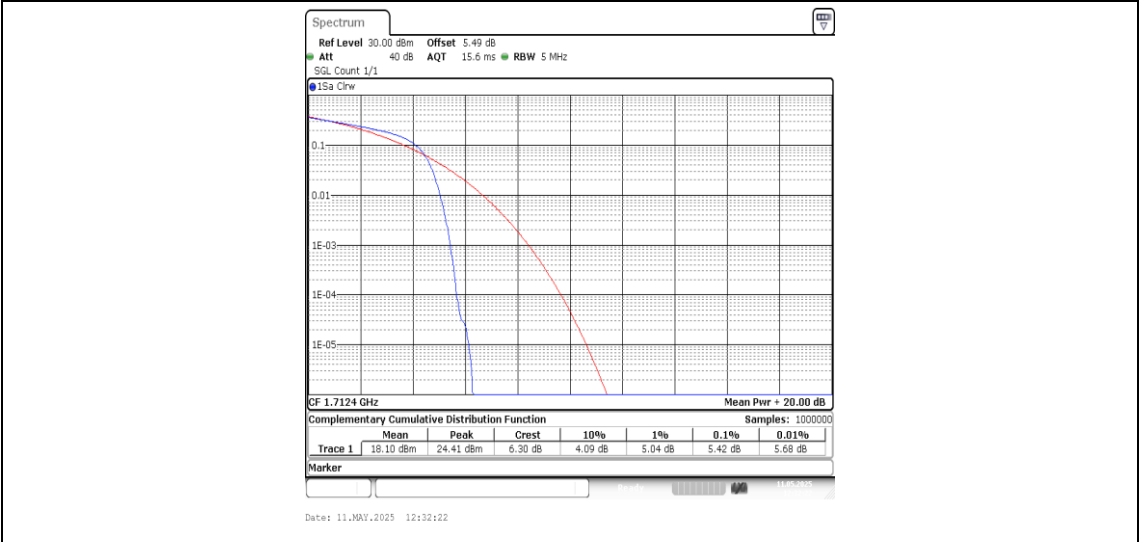
Band4-1513-3-PASS



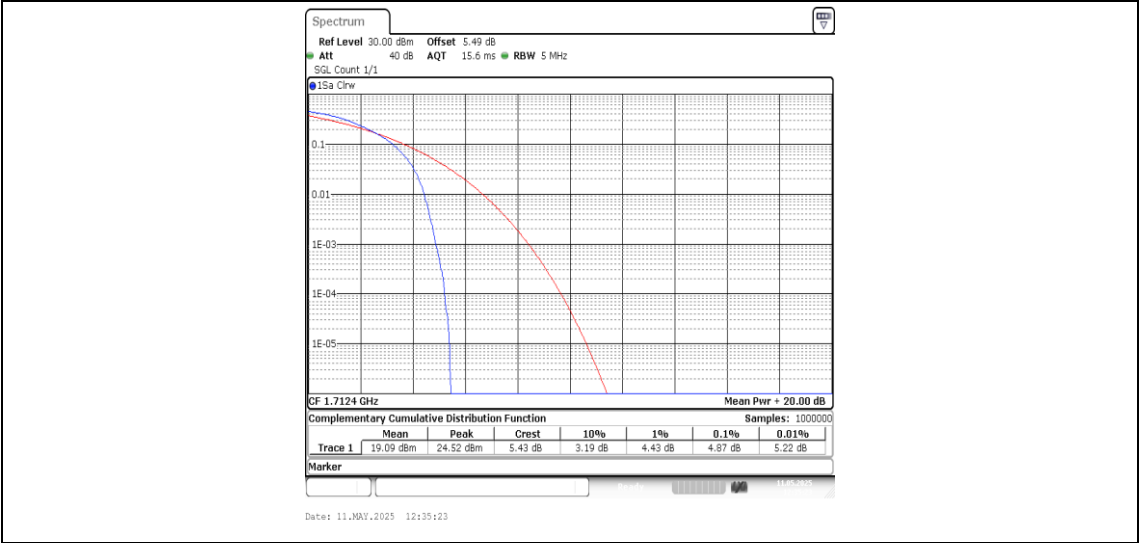
Band4-1513-4-PASS



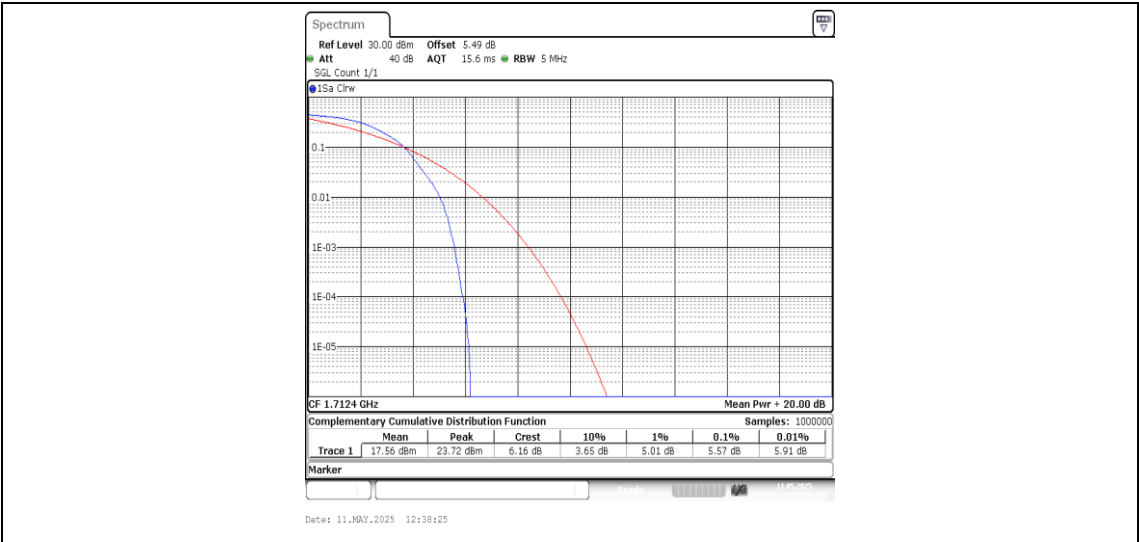
Band4-1312-1-PASS



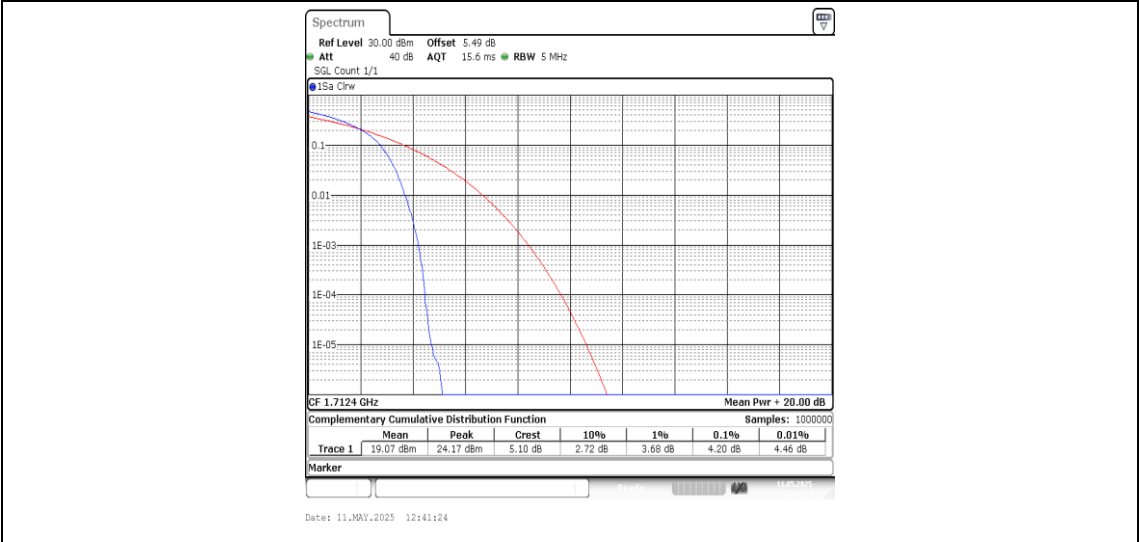
Band4-1312-2-PASS



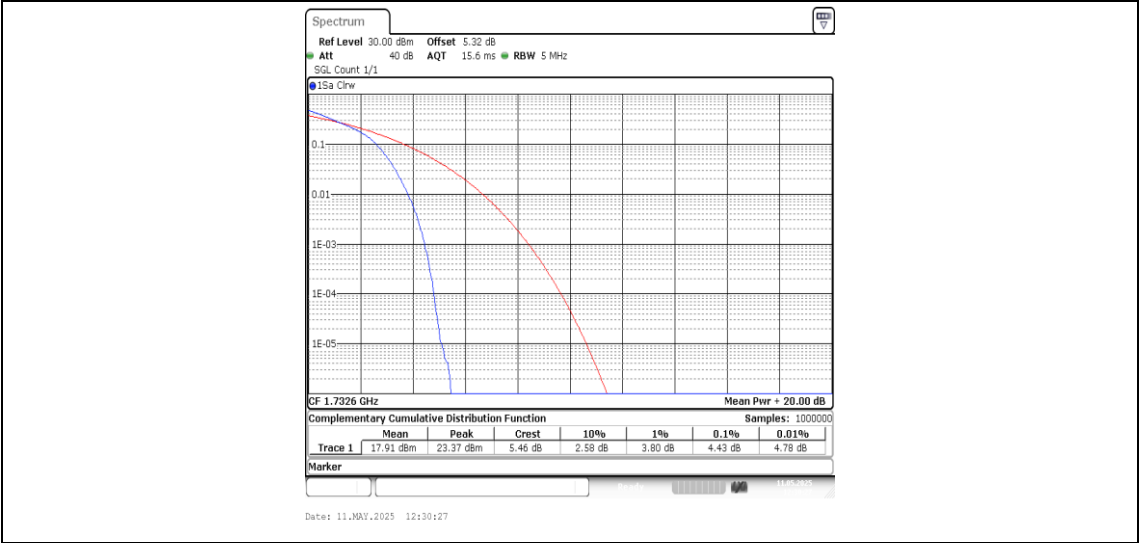
Band4-1312-3-PASS



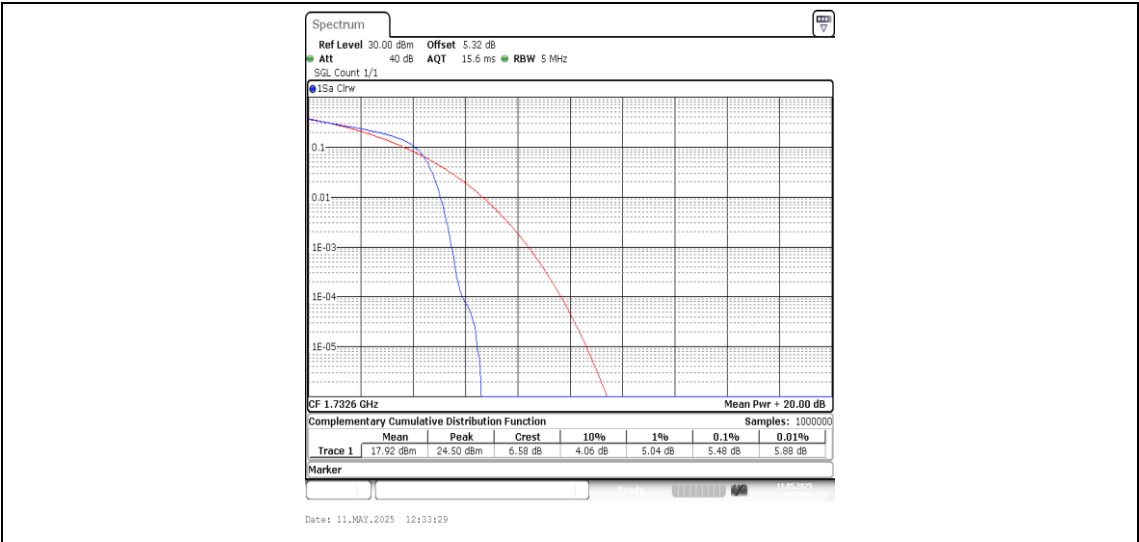
Band4-1312-4-PASS



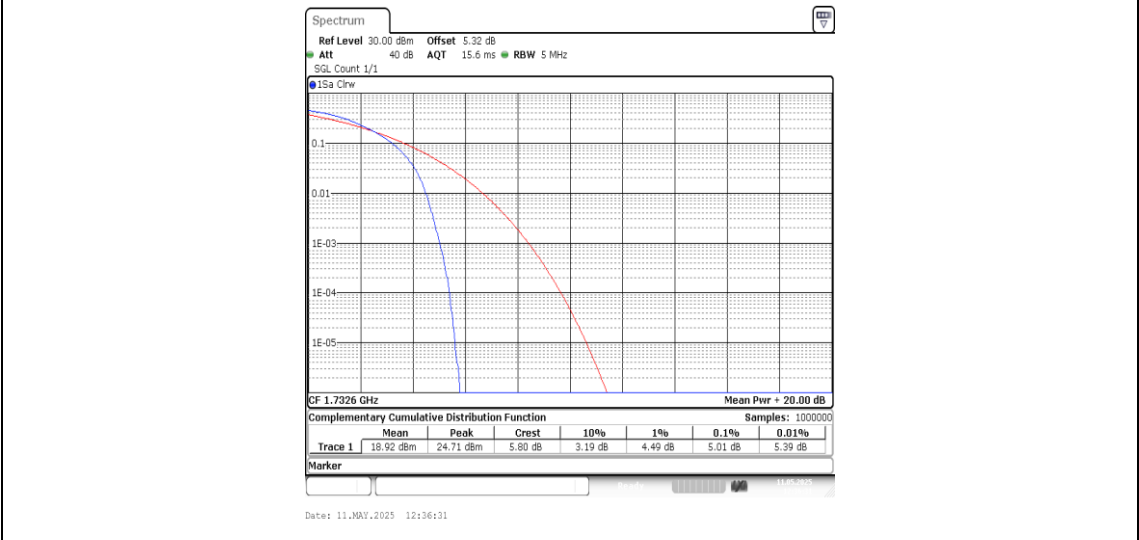
Band4-1312-5-PASS



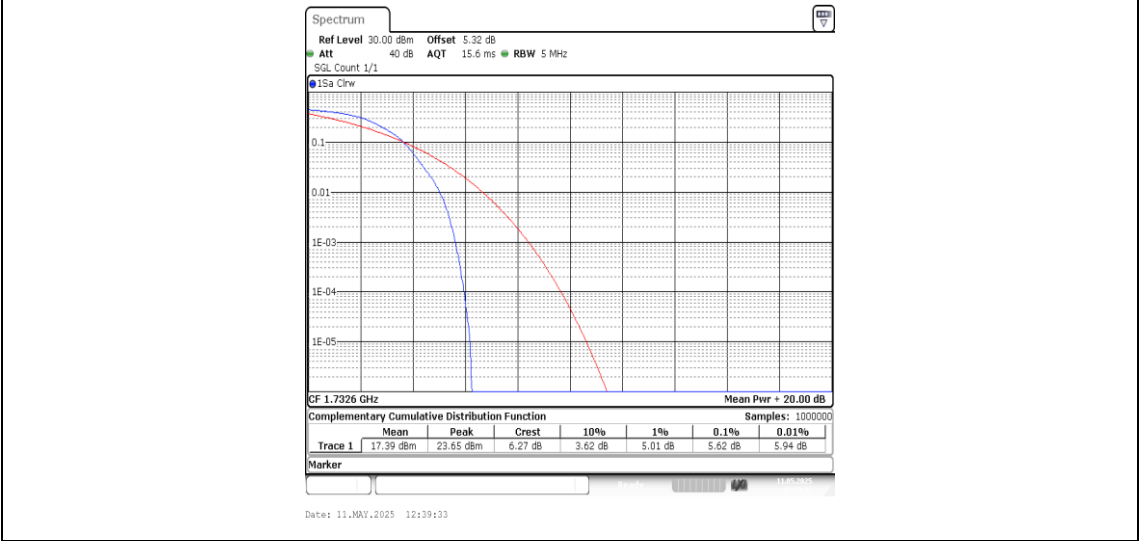
Band4-1413-1-PASS



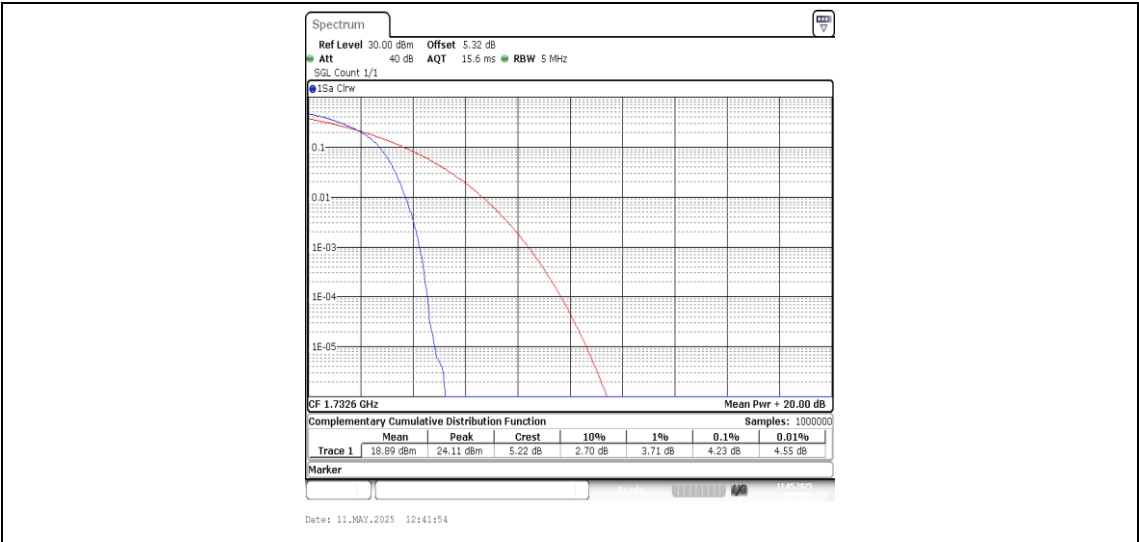
Band4-1413-2-PASS



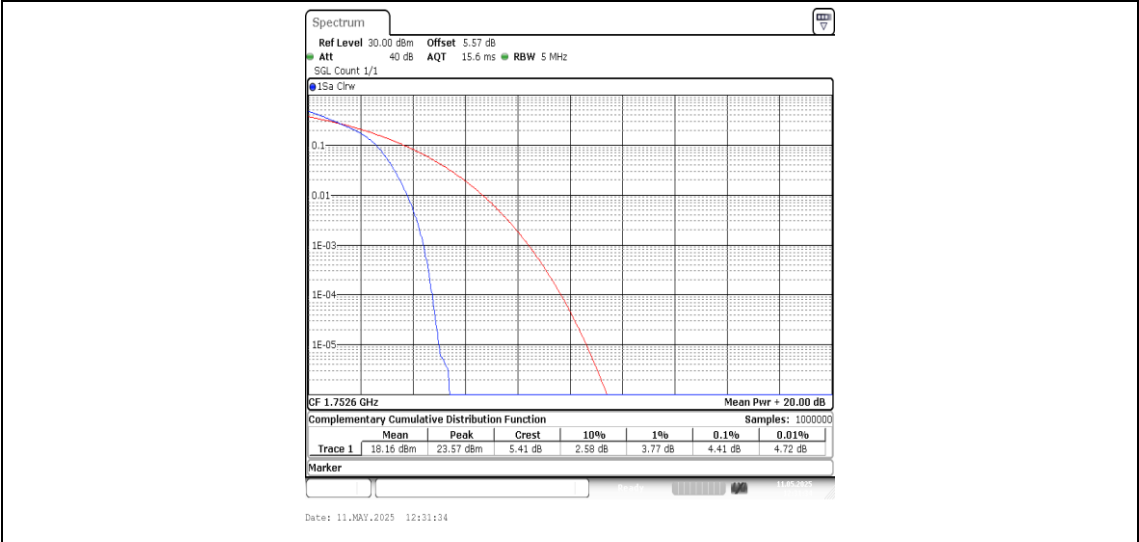
Band4-1413-3-PASS



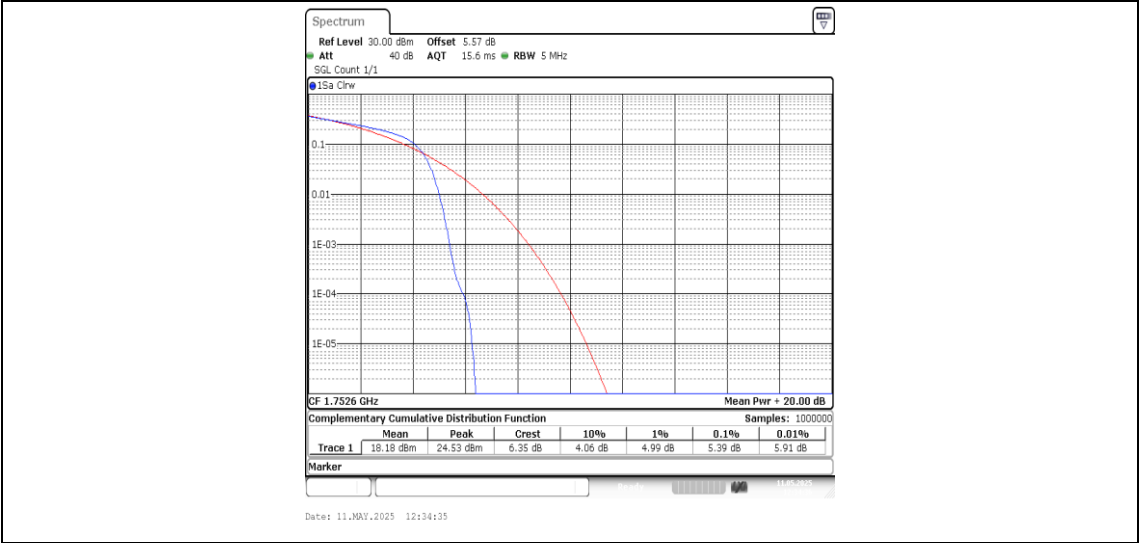
Band4-1413-4-PASS



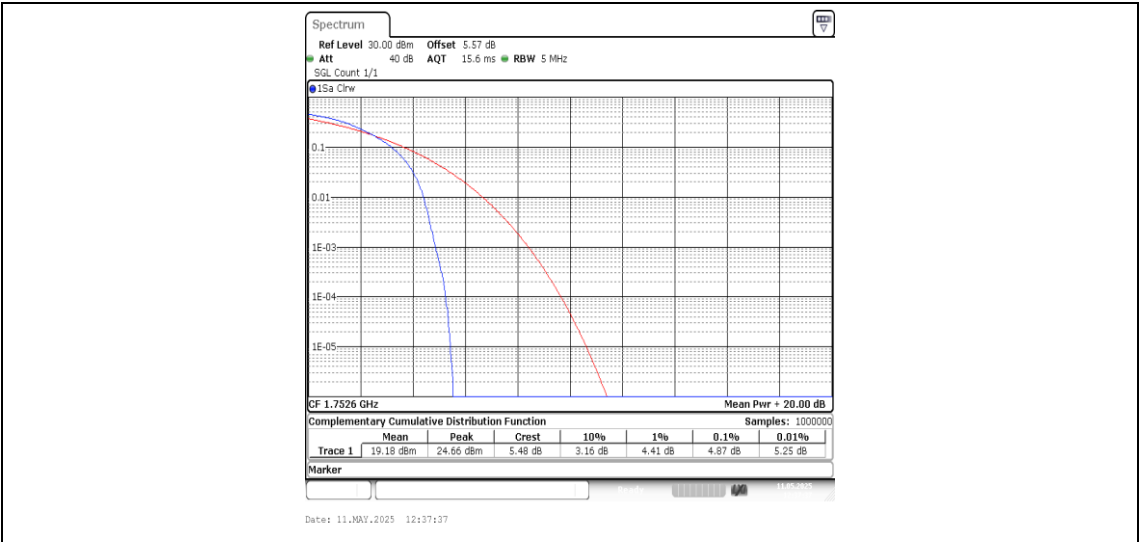
Band4-1413-5-PASS



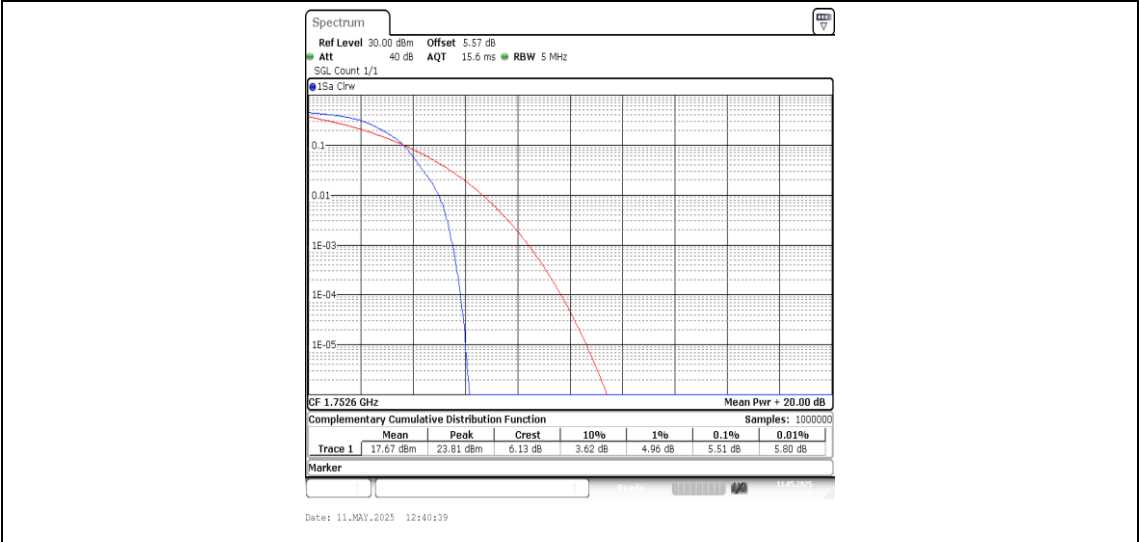
Band4-1513-1-PASS



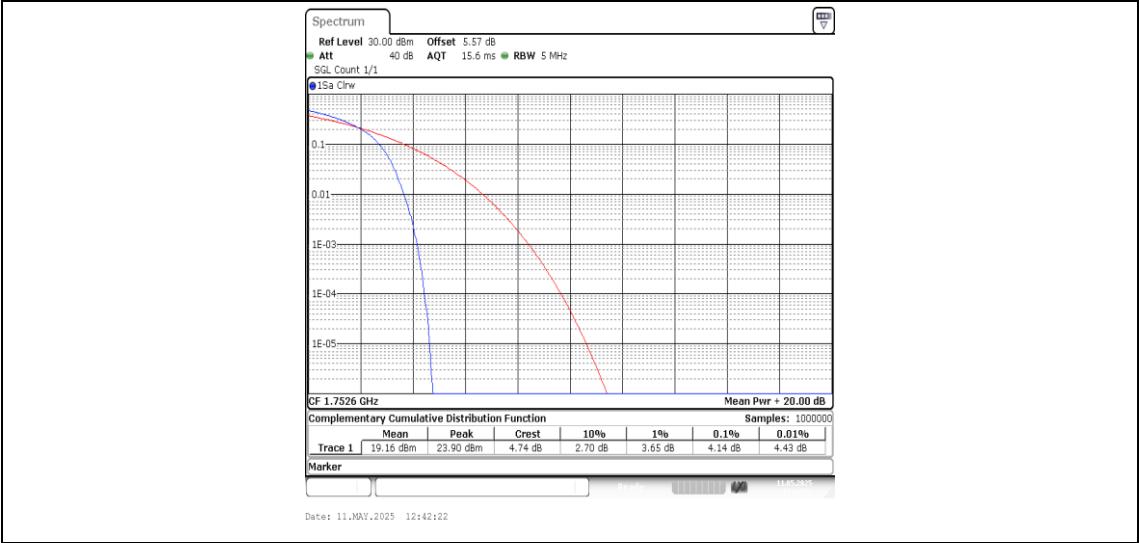
Band4-1513-2-PASS



Band4-1513-3-PASS



Band4-1513-4-PASS



Band4-1513-5-PASS

## AppendixC:26dB Bandwidth andOccupied Bandwidth

### Test Result

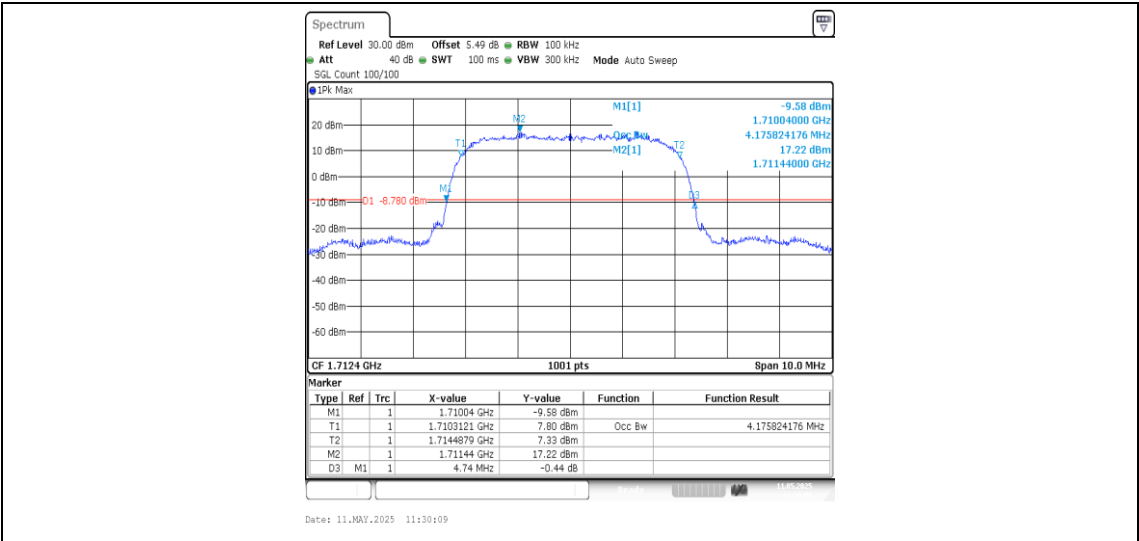
| Band  | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit(MHz) | Verdict |
|-------|---------|--------------------------|----------------------|------------|---------|
| Band4 | 1312    | 4.176                    | 4.74                 | ---        | PASS    |
| Band4 | 1413    | 4.166                    | 4.74                 | ---        | PASS    |
| Band4 | 1513    | 4.176                    | 4.73                 | ---        | PASS    |

| Band  | Channel | SubTest | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit(MHz) | Verdict |
|-------|---------|---------|--------------------------|----------------------|------------|---------|
| Band4 | 1312    | 1       | 4.166                    | 4.74                 | ---        | PASS    |
| Band4 | 1312    | 2       | 4.166                    | 4.72                 | ---        | PASS    |
| Band4 | 1312    | 3       | 4.176                    | 4.72                 | ---        | PASS    |
| Band4 | 1312    | 4       | 4.166                    | 4.74                 | ---        | PASS    |
| Band4 | 1413    | 1       | 4.166                    | 4.73                 | ---        | PASS    |
| Band4 | 1413    | 2       | 4.166                    | 4.72                 | ---        | PASS    |
| Band4 | 1413    | 3       | 4.176                    | 4.72                 | ---        | PASS    |
| Band4 | 1413    | 4       | 4.176                    | 4.73                 | ---        | PASS    |
| Band4 | 1513    | 1       | 4.176                    | 4.71                 | ---        | PASS    |
| Band4 | 1513    | 2       | 4.166                    | 4.72                 | ---        | PASS    |
| Band4 | 1513    | 3       | 4.166                    | 4.72                 | ---        | PASS    |
| Band4 | 1513    | 4       | 4.166                    | 4.72                 | ---        | PASS    |

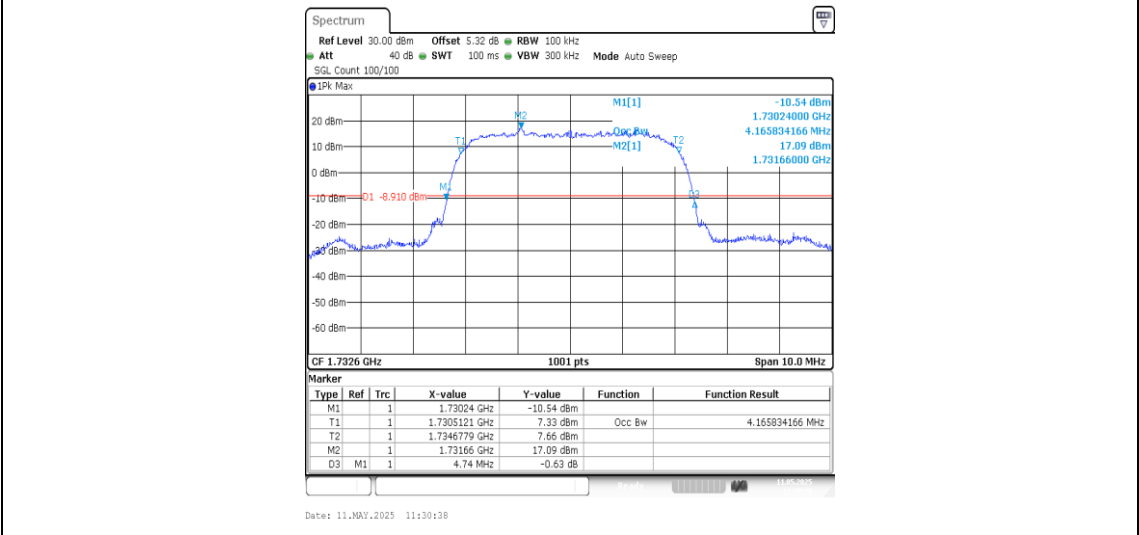
| Band  | Channel | SubTest | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit(MHz) | Verdict |
|-------|---------|---------|--------------------------|----------------------|------------|---------|
| Band4 | 1312    | 1       | 4.186                    | 4.73                 | ---        | PASS    |
| Band4 | 1312    | 2       | 4.206                    | 5.37                 | ---        | PASS    |
| Band4 | 1312    | 3       | 4.206                    | 5.31                 | ---        | PASS    |
| Band4 | 1312    | 4       | 4.186                    | 4.75                 | ---        | PASS    |
| Band4 | 1312    | 5       | 4.186                    | 5.01                 | ---        | PASS    |
| Band4 | 1413    | 1       | 4.186                    | 4.74                 | ---        | PASS    |
| Band4 | 1413    | 2       | 4.196                    | 4.74                 | ---        | PASS    |
| Band4 | 1413    | 3       | 4.186                    | 4.74                 | ---        | PASS    |
| Band4 | 1413    | 4       | 4.186                    | 4.74                 | ---        | PASS    |
| Band4 | 1413    | 5       | 4.186                    | 4.74                 | ---        | PASS    |
| Band4 | 1513    | 1       | 4.186                    | 4.95                 | ---        | PASS    |

|       |      |   |       |      |     |      |
|-------|------|---|-------|------|-----|------|
| Band4 | 1513 | 2 | 4.196 | 4.73 | --- | PASS |
| Band4 | 1513 | 3 | 4.196 | 4.74 | --- | PASS |
| Band4 | 1513 | 4 | 4.196 | 4.74 | --- | PASS |
| Band4 | 1513 | 5 | 4.196 | 5.02 | --- | PASS |

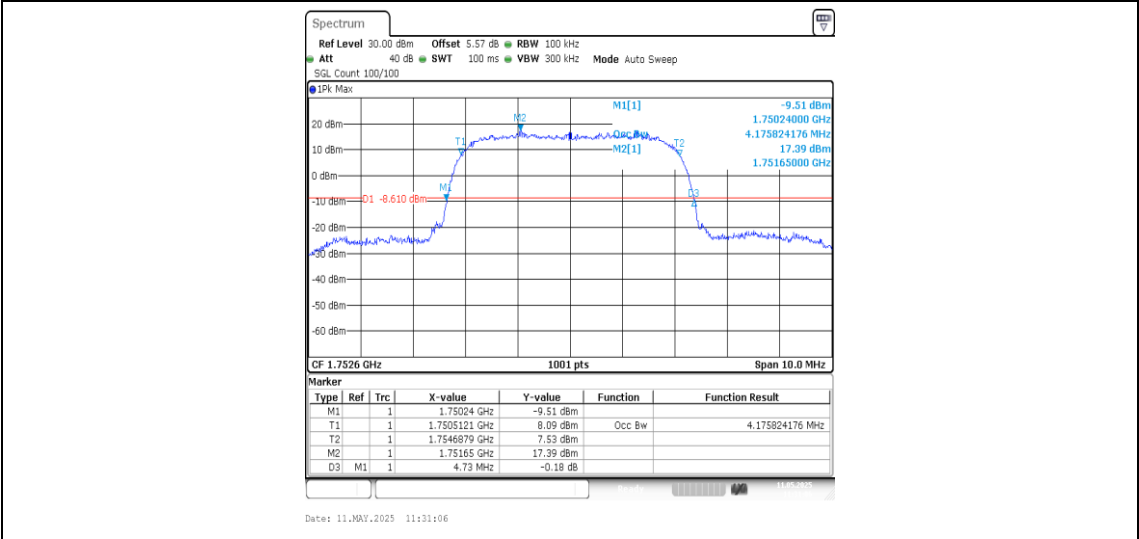
Test Graphs



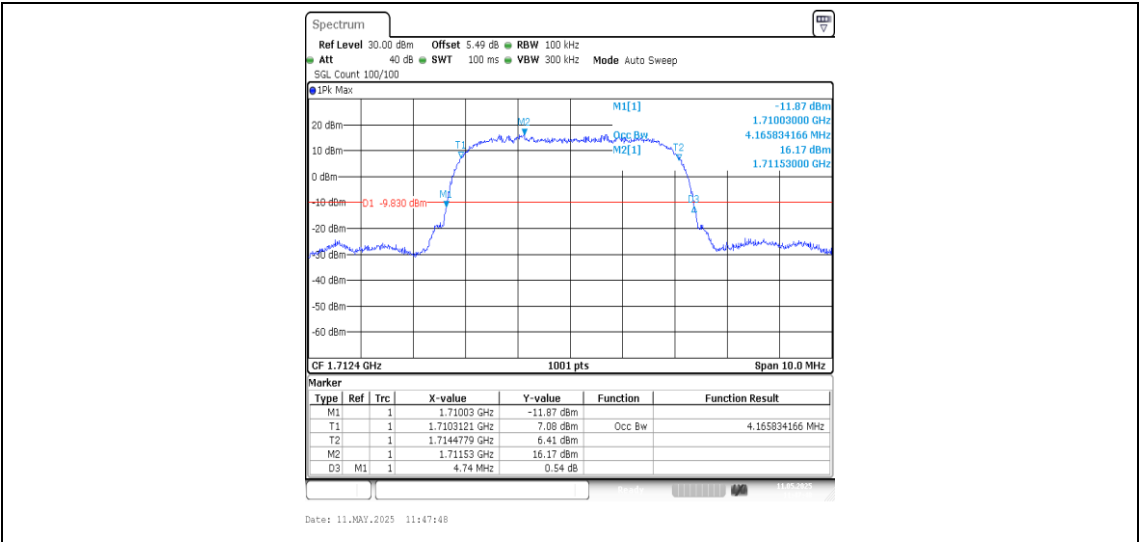
Band4-1312-PASS



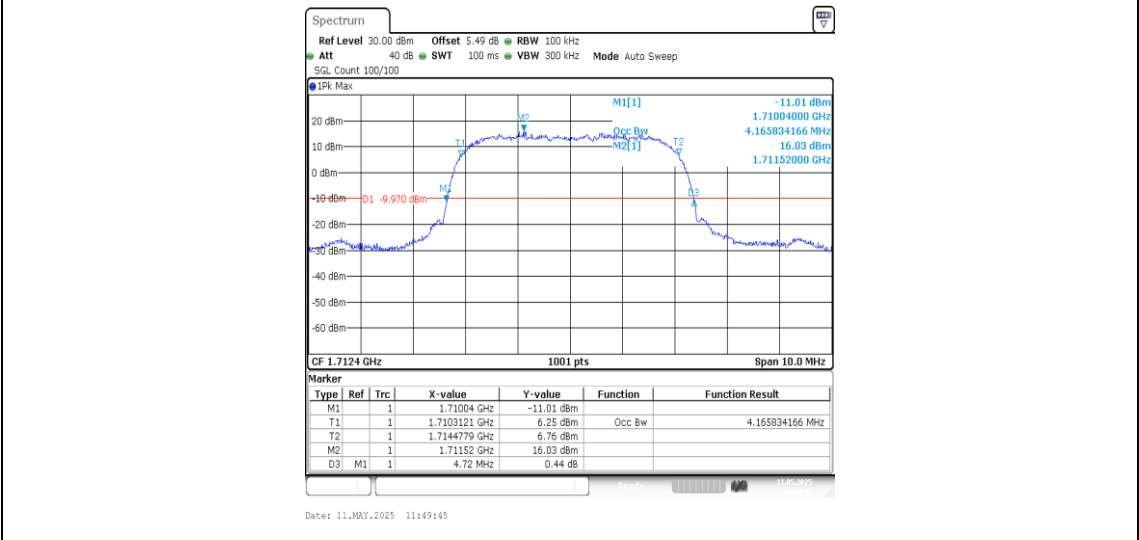
Band4-1413-PASS



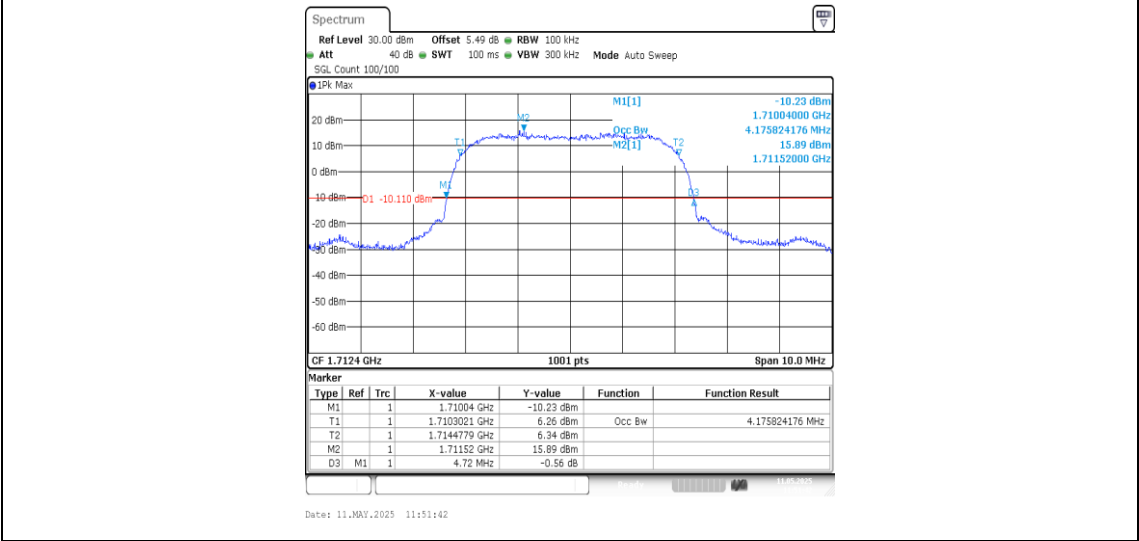
Band4-1513-PASS



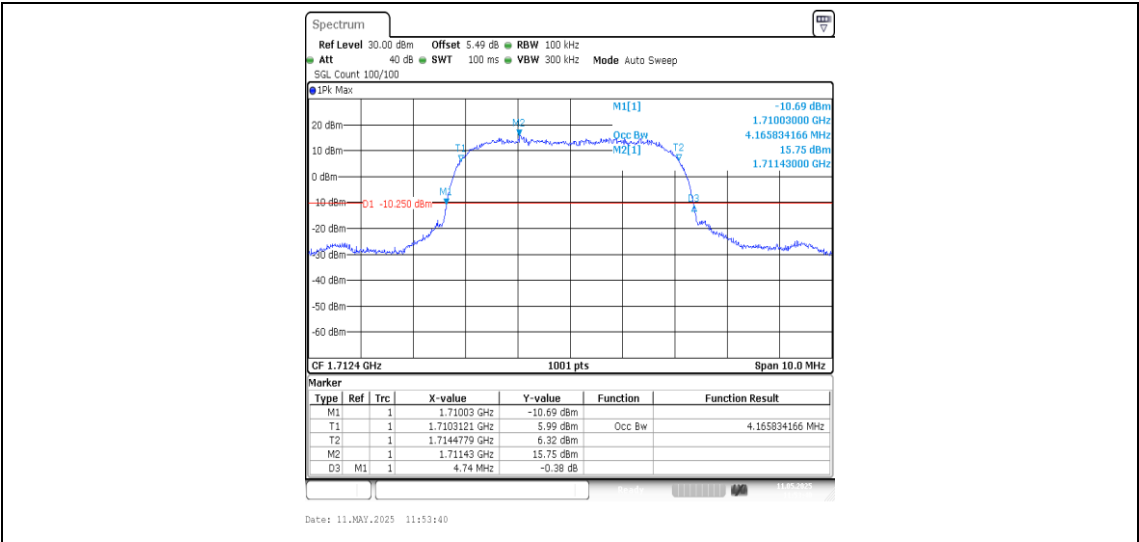
Band4-1312-1-PASS



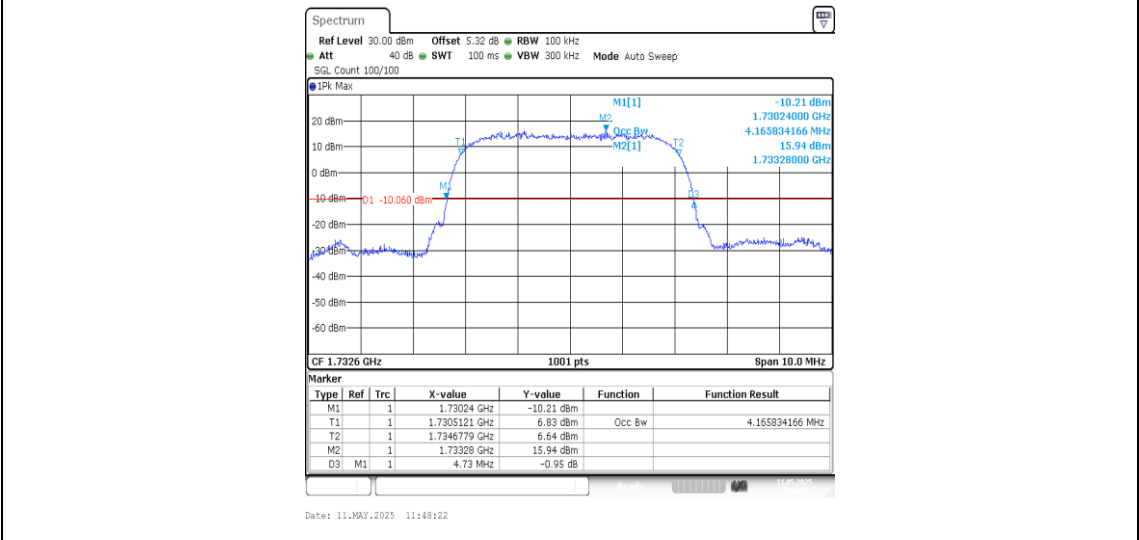
Band4-1312-2-PASS



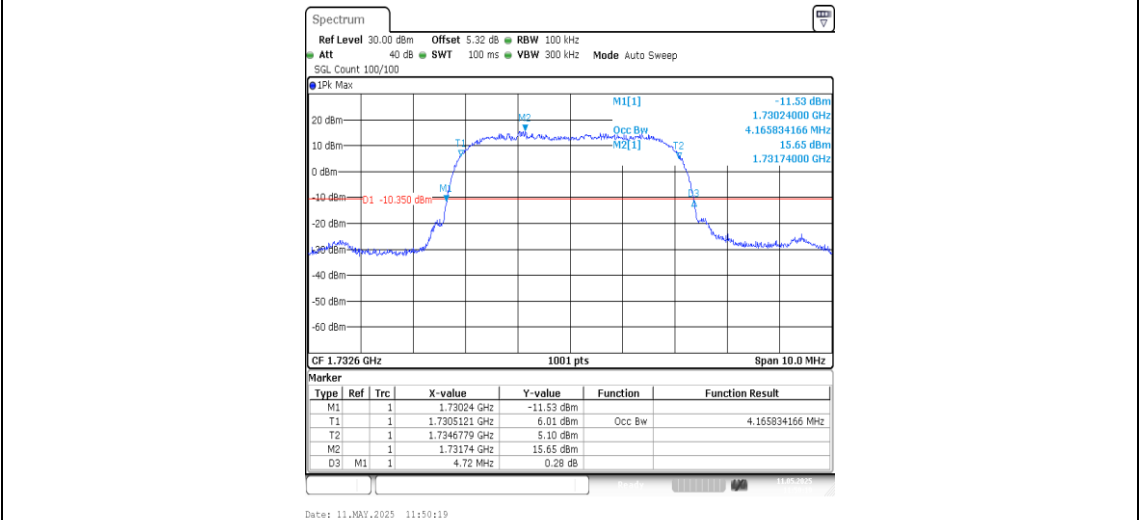
Band4-1312-3-PASS



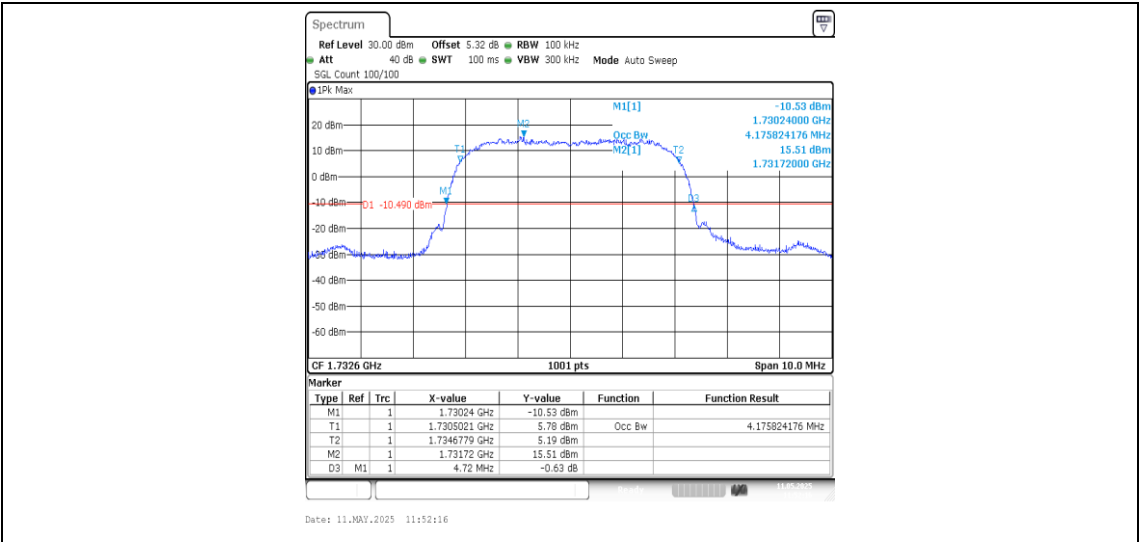
Band4-1312-4-PASS



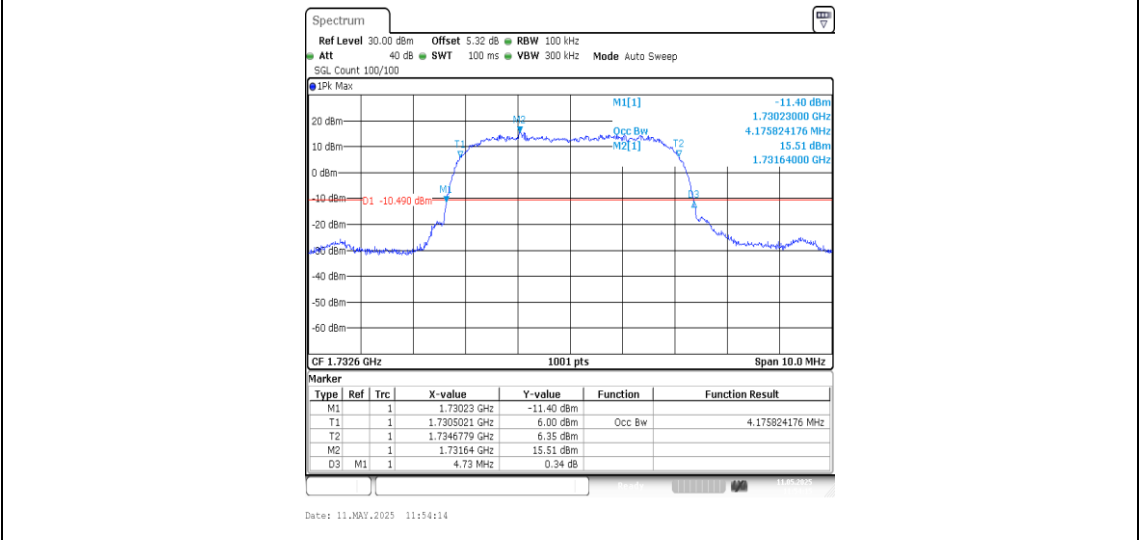
Band4-1413-1-PASS



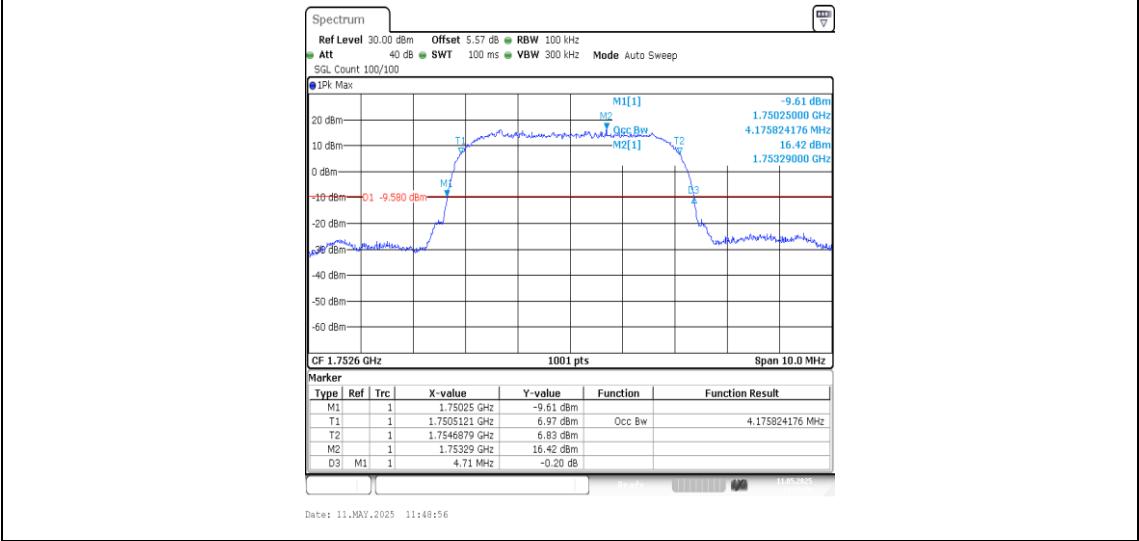
Band4-1413-2-PASS



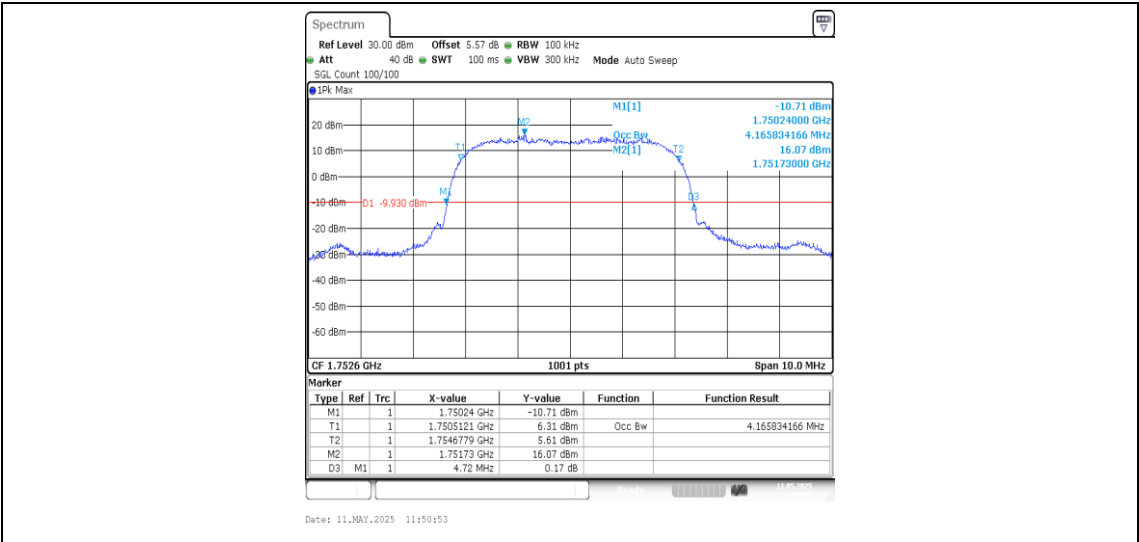
Band4-1413-3-PASS



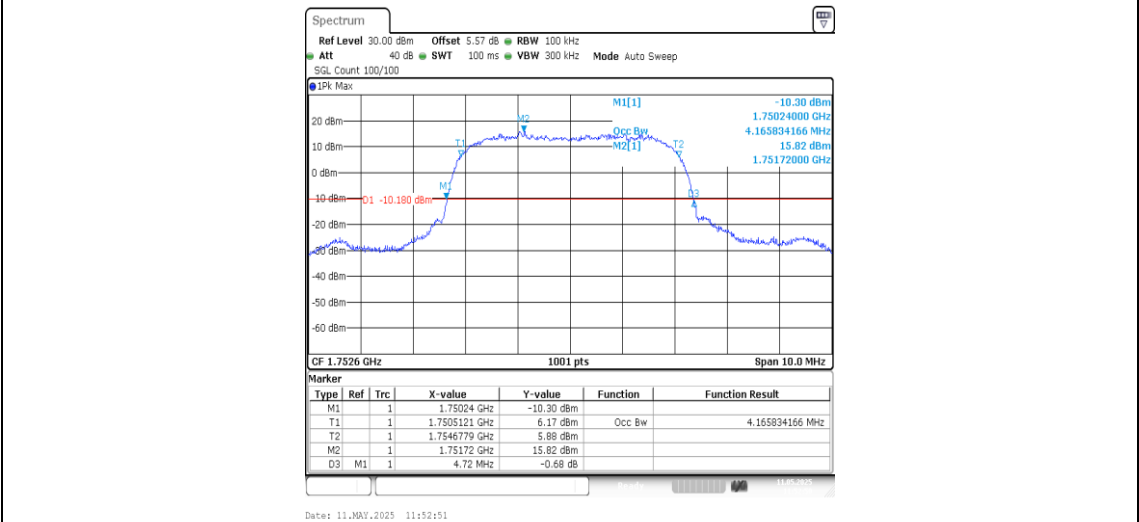
Band4-1413-4-PASS



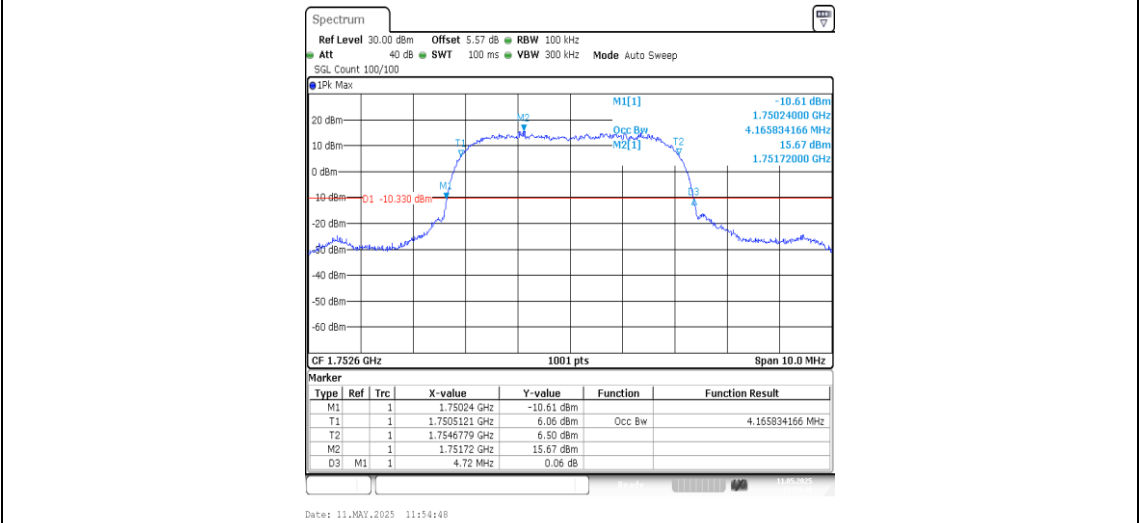
Band4-1513-1-PASS



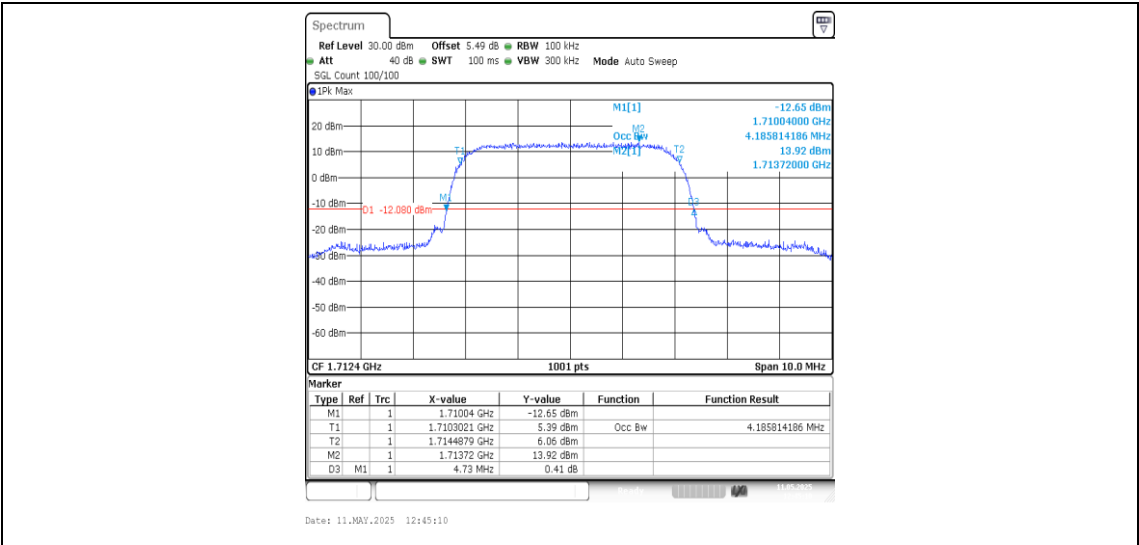
Band4-1513-2-PASS



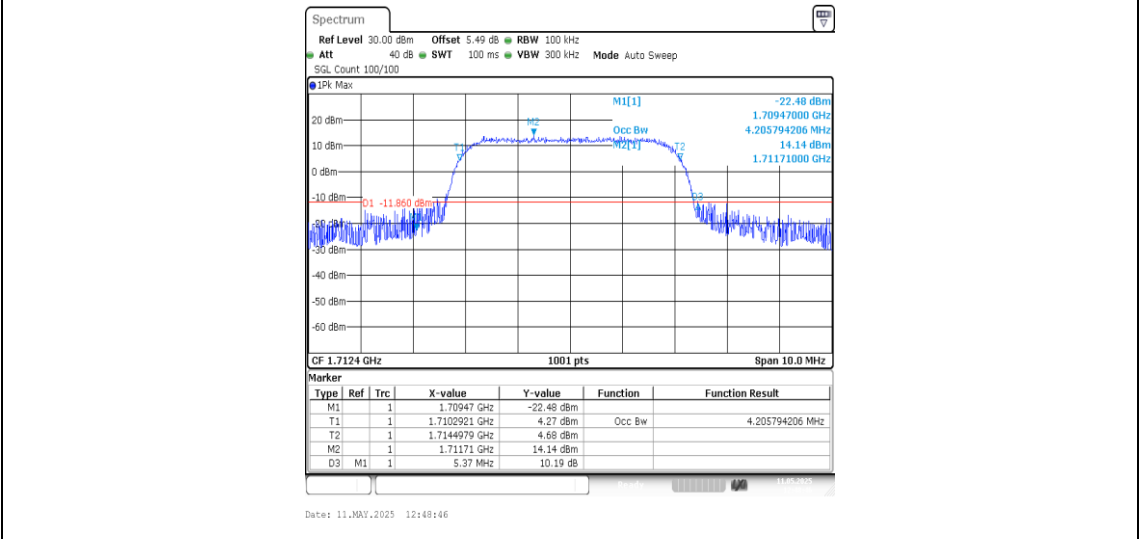
Band4-1513-3-PASS



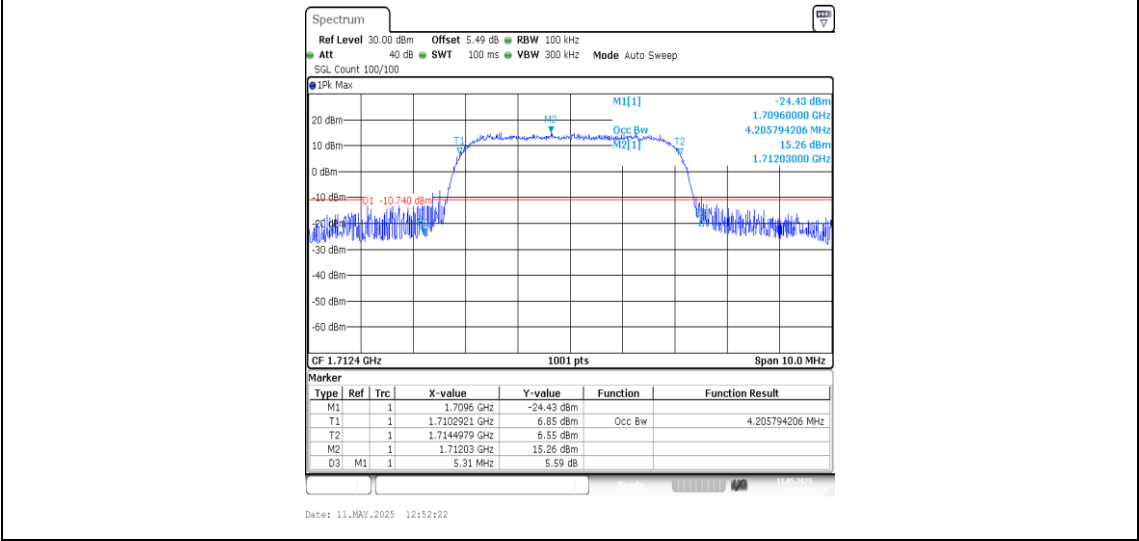
Band4-1513-4-PASS



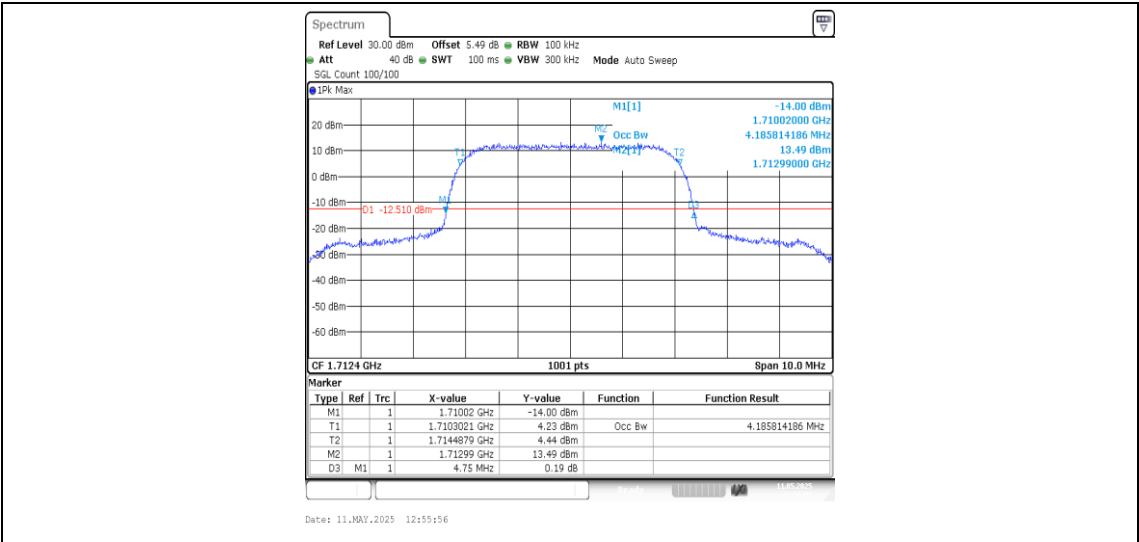
Band4-1312-1-PASS



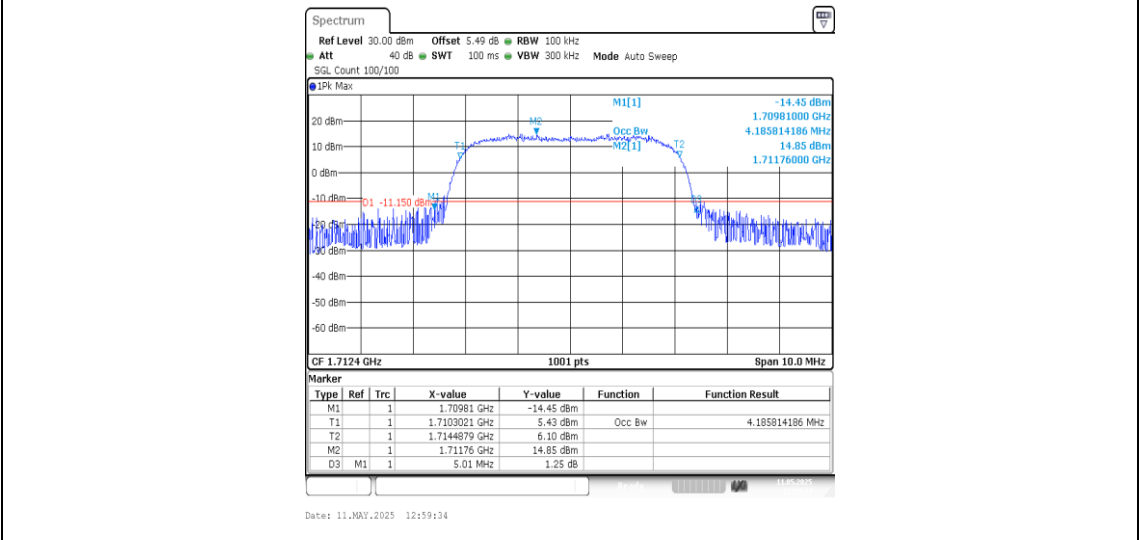
Band4-1312-2-PASS



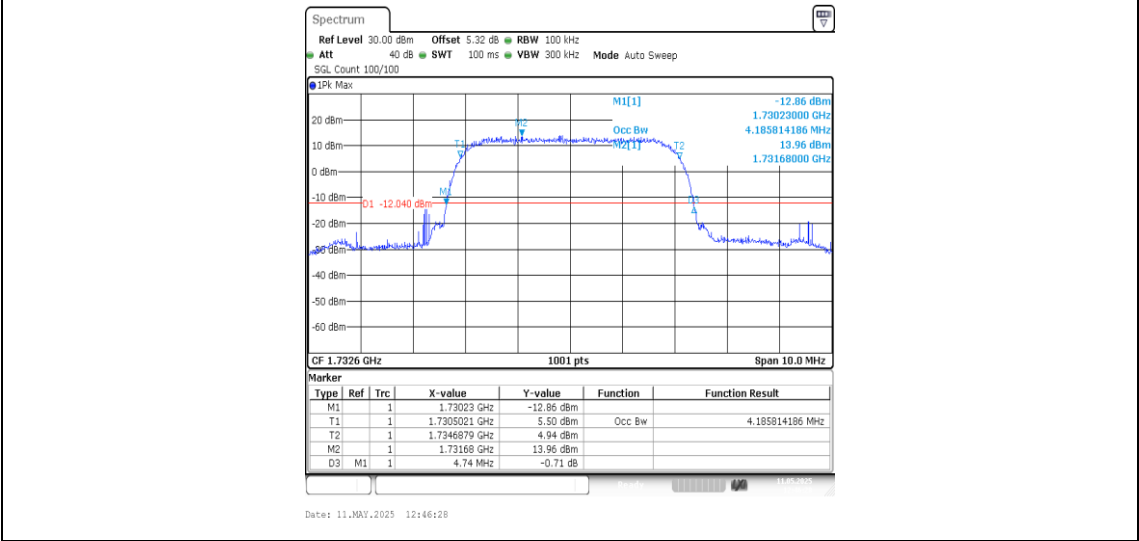
Band4-1312-3-PASS



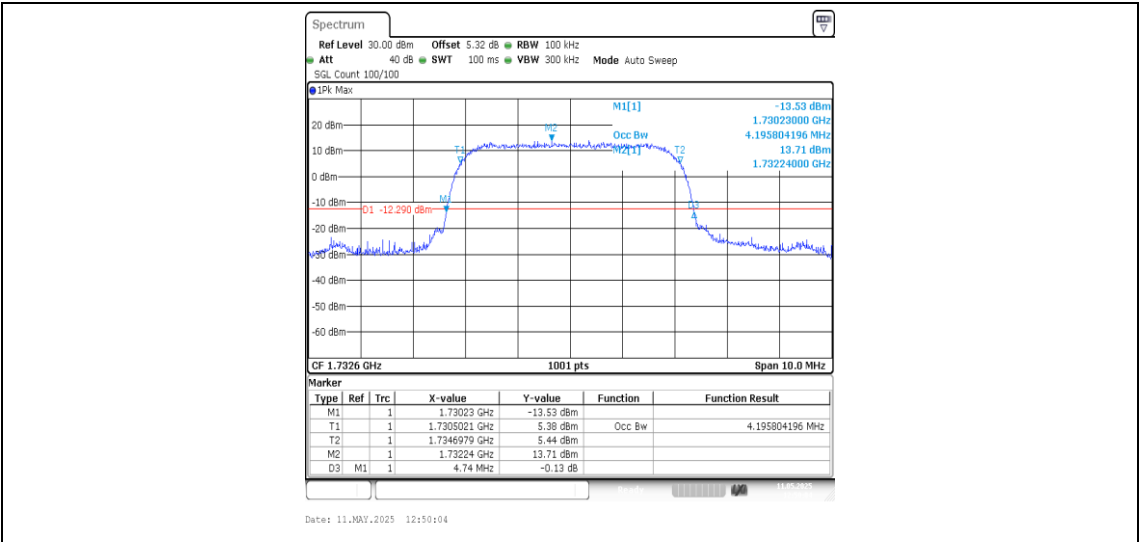
Band4-1312-4-PASS



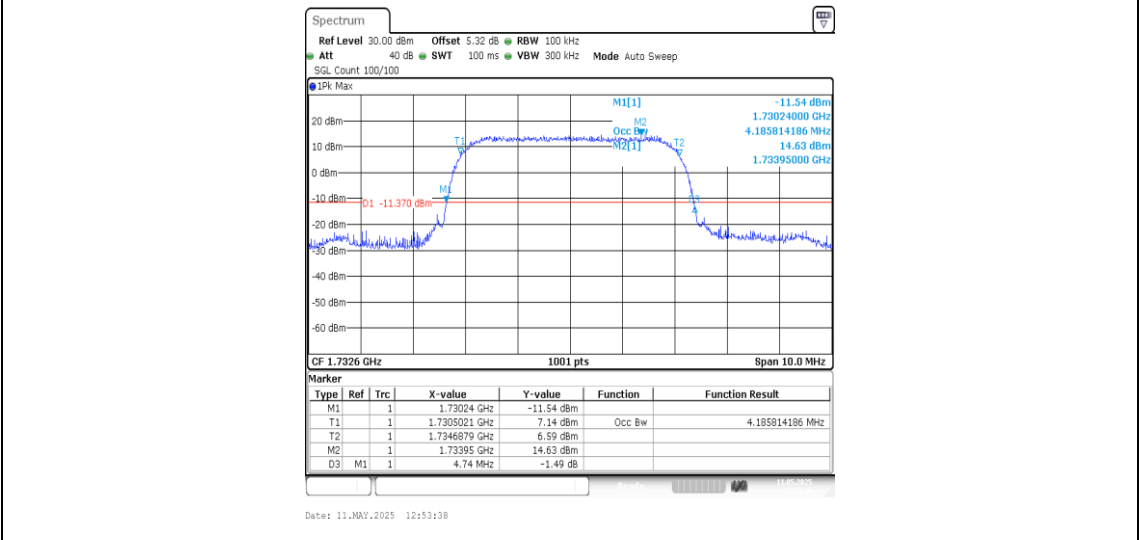
Band4-1312-5-PASS



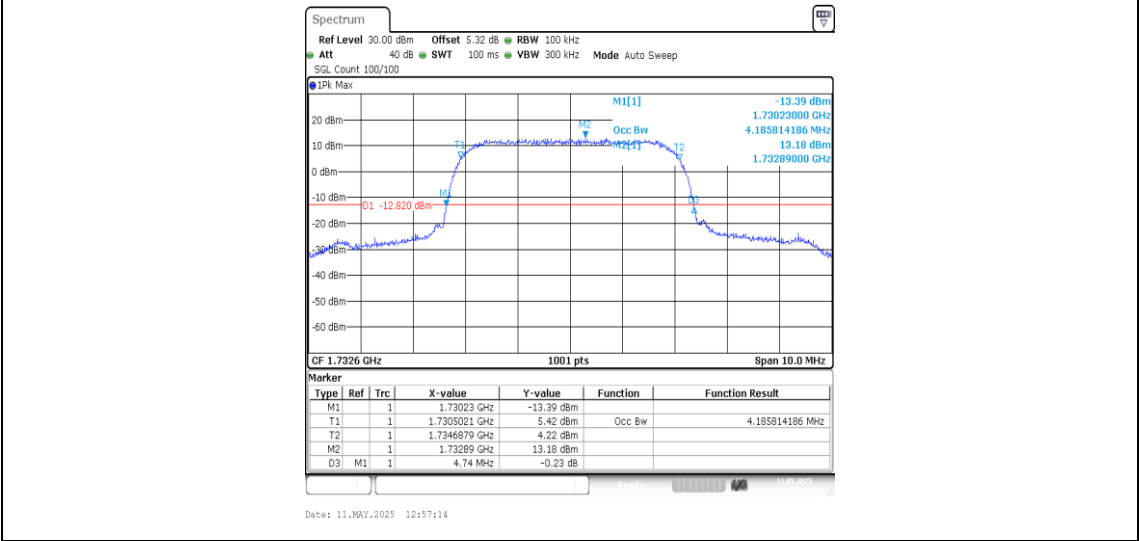
Band4-1413-1-PASS



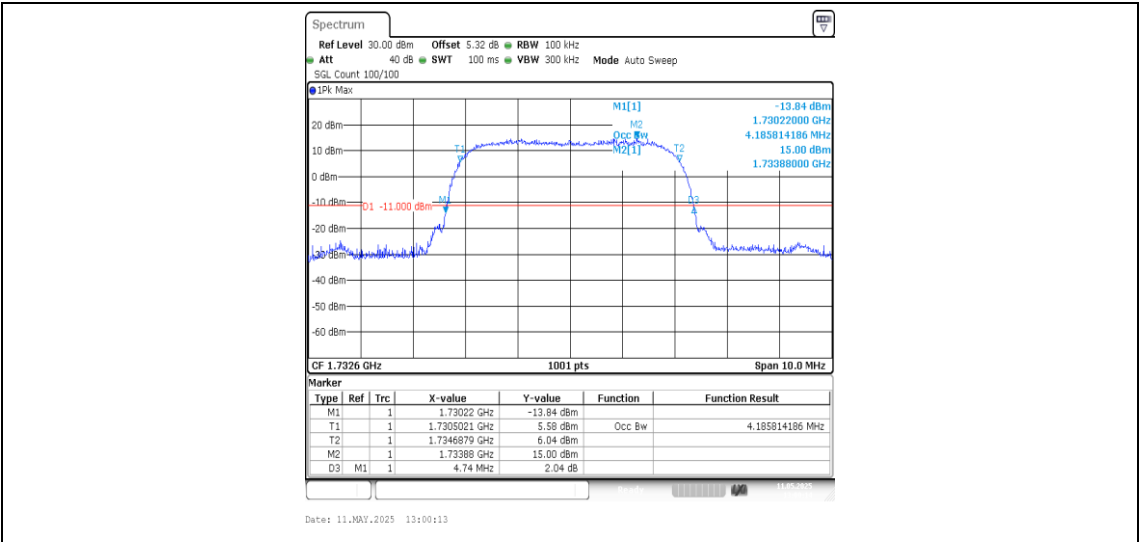
Band4-1413-2-PASS



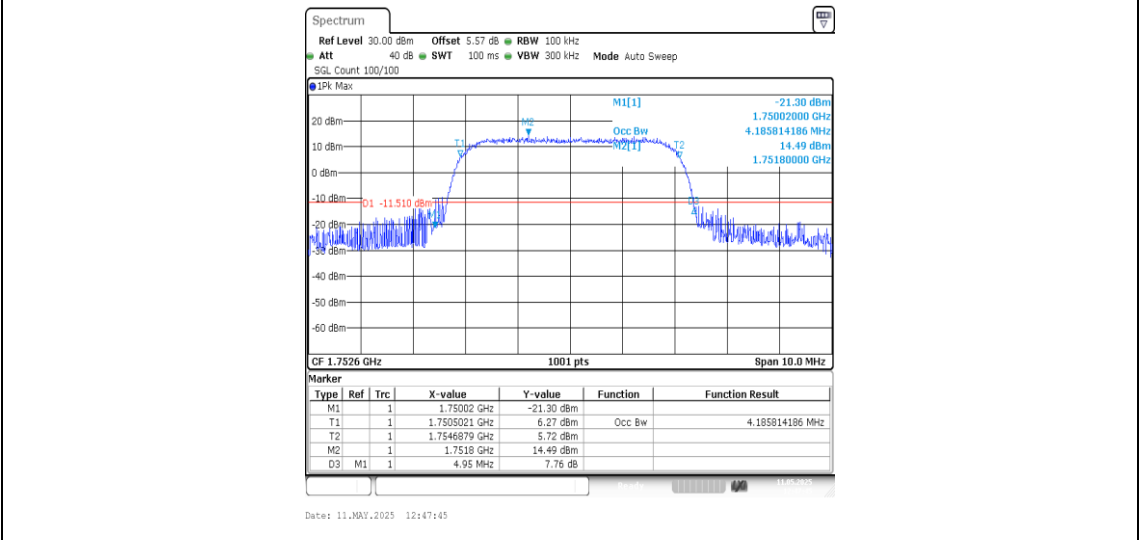
Band4-1413-3-PASS



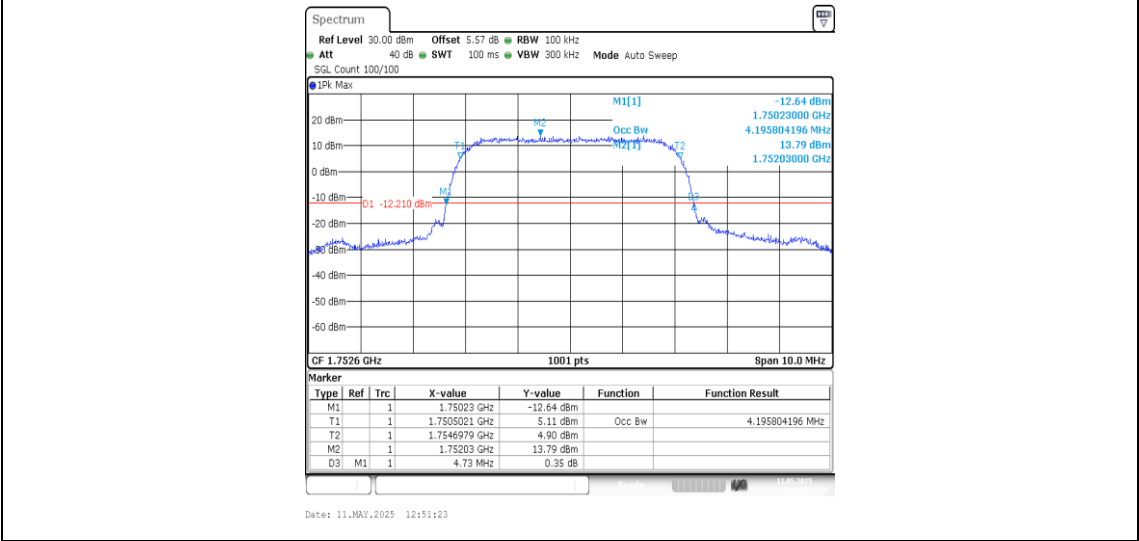
Band4-1413-4-PASS



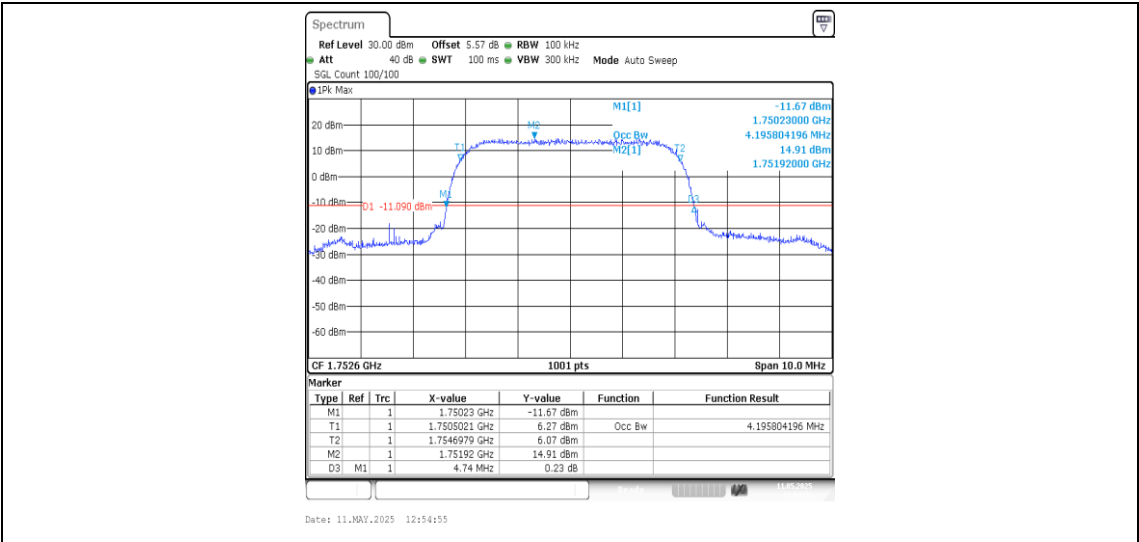
Band4-1413-5-PASS



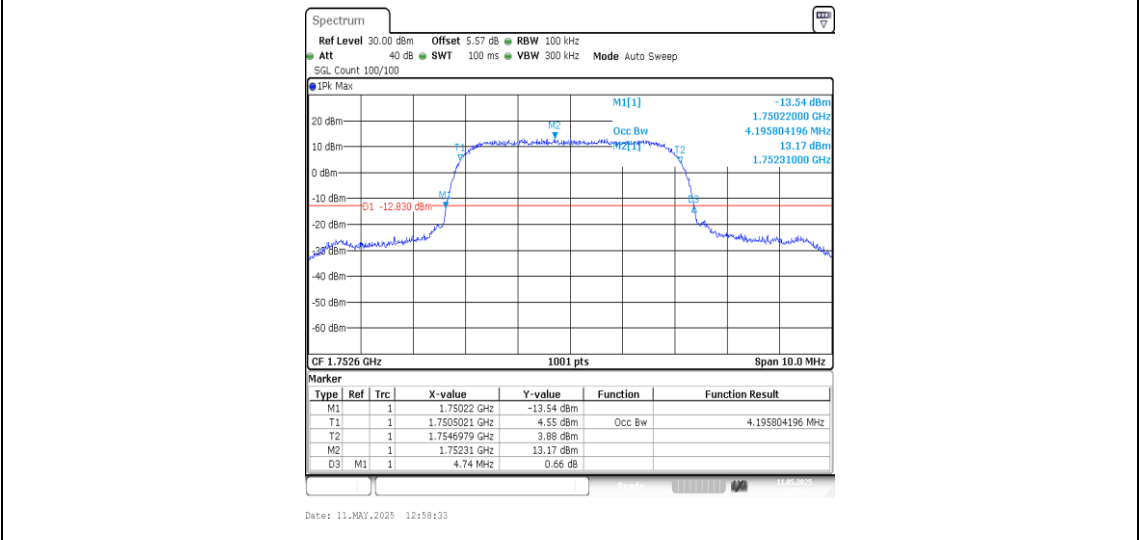
Band4-1513-1-PASS



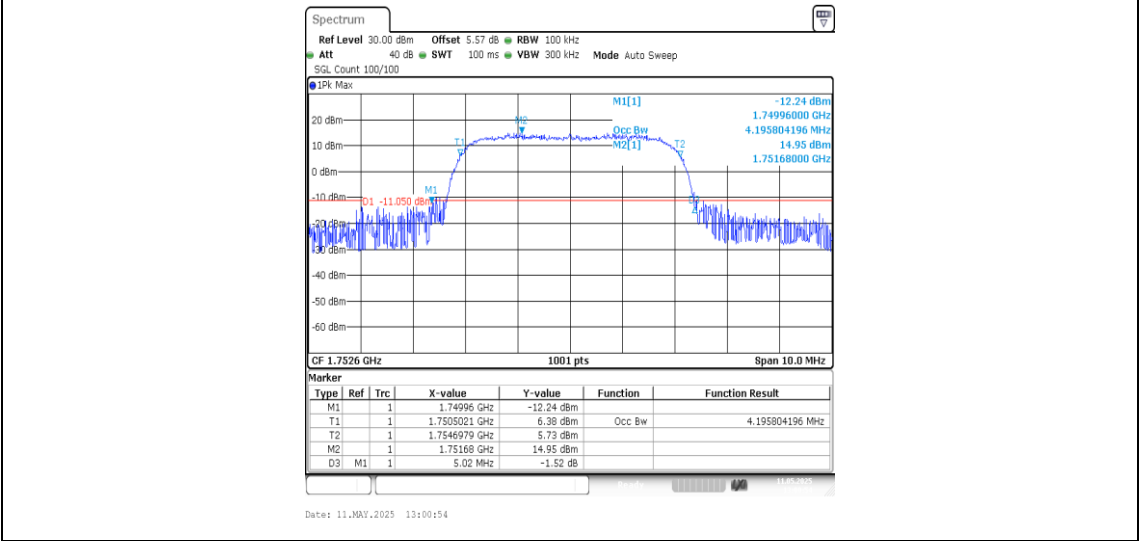
Band4-1513-2-PASS



Band4-1513-3-PASS



Band4-1513-4-PASS



Band4-1513-5-PASS

## AppendixD:Band Edge

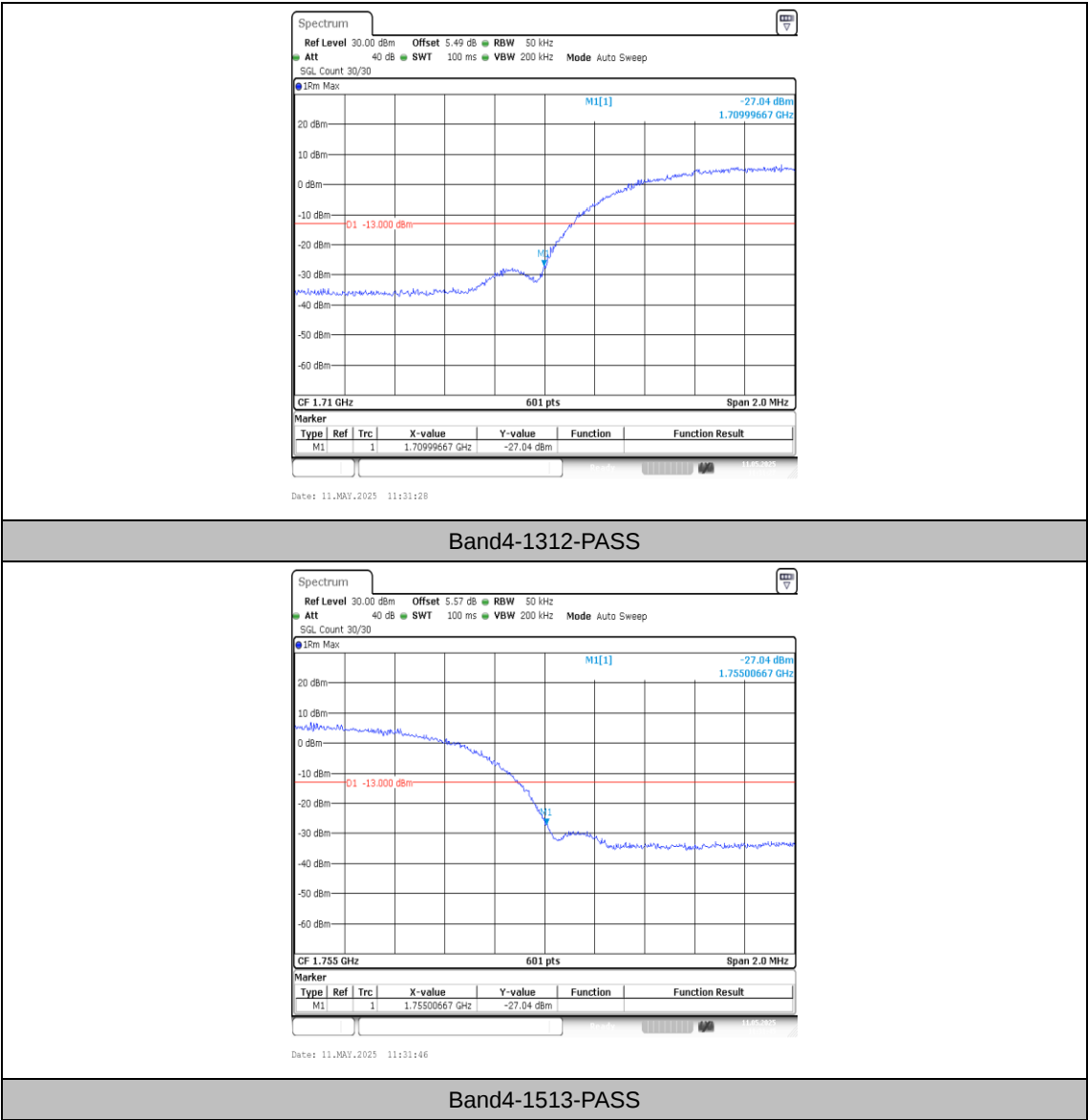
### Test Result

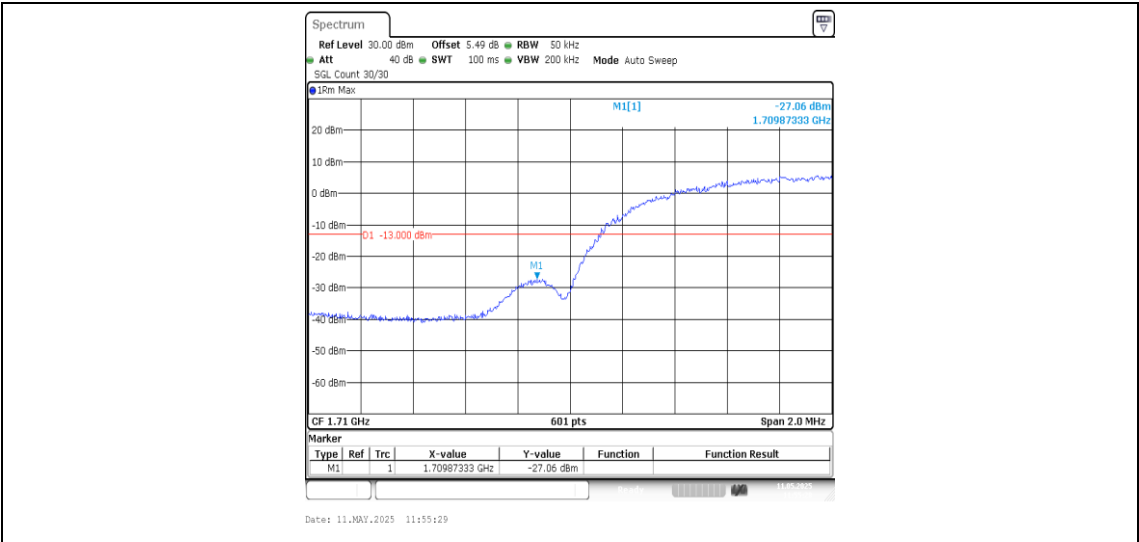
| Band  | Channel | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|-----------------|--------------|------------|---------|
| Band4 | 1312    | 1710.00         | -27.04       | -13        | PASS    |
| Band4 | 1513    | 1755.01         | -27.04       | -13        | PASS    |

| Band  | Channel | SubTest | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|-----------------|--------------|------------|---------|
| Band4 | 1312    | 1       | 1709.87         | -27.06       | -13        | PASS    |
| Band4 | 1312    | 2       | 1709.89         | -27.38       | -13        | PASS    |
| Band4 | 1312    | 3       | 1709.89         | -27.61       | -13        | PASS    |
| Band4 | 1312    | 4       | 1709.85         | -27.36       | -13        | PASS    |
| Band4 | 1513    | 1       | 1755.00         | -28.46       | -13        | PASS    |
| Band4 | 1513    | 2       | 1755.12         | -26.03       | -13        | PASS    |
| Band4 | 1513    | 3       | 1755.17         | -25.85       | -13        | PASS    |
| Band4 | 1513    | 4       | 1755.11         | -25.35       | -13        | PASS    |

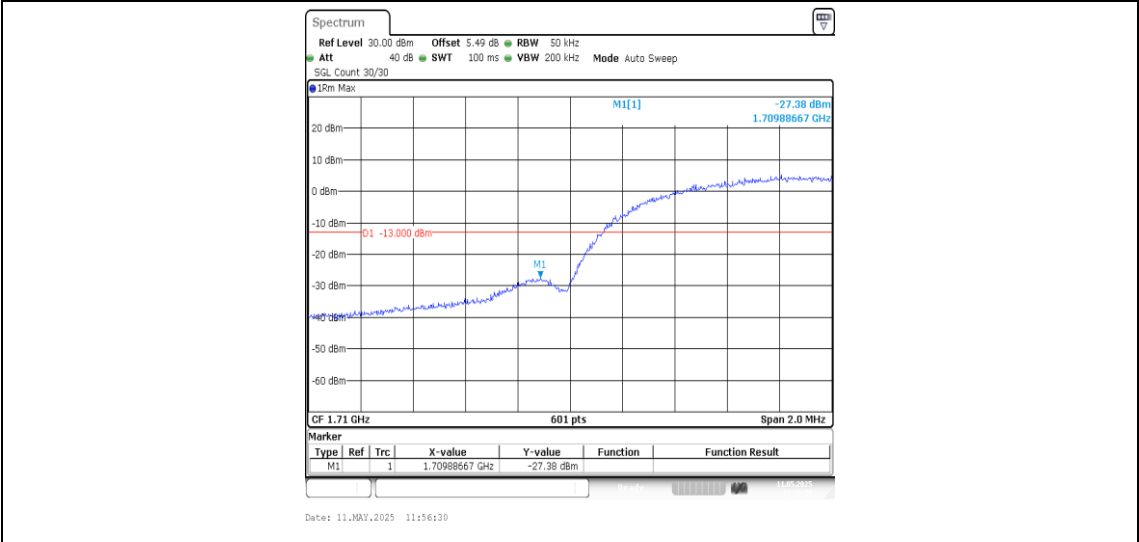
| Band  | Channel | SubTest | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|-----------------|--------------|------------|---------|
| Band4 | 1312    | 1       | 1709.87         | -27.92       | -13        | PASS    |
| Band4 | 1312    | 2       | 1709.82         | -27.94       | -13        | PASS    |
| Band4 | 1312    | 3       | 1709.88         | -27.16       | -13        | PASS    |
| Band4 | 1312    | 4       | 1709.91         | -29.10       | -13        | PASS    |
| Band4 | 1312    | 5       | 1709.86         | -27.82       | -13        | PASS    |
| Band4 | 1513    | 1       | 1755.15         | -29.30       | -13        | PASS    |
| Band4 | 1513    | 2       | 1755.17         | -26.56       | -13        | PASS    |
| Band4 | 1513    | 3       | 1755.13         | -27.25       | -13        | PASS    |
| Band4 | 1513    | 4       | 1755.12         | -27.65       | -13        | PASS    |
| Band4 | 1513    | 5       | 1755.13         | -27.87       | -13        | PASS    |

Test Graphs

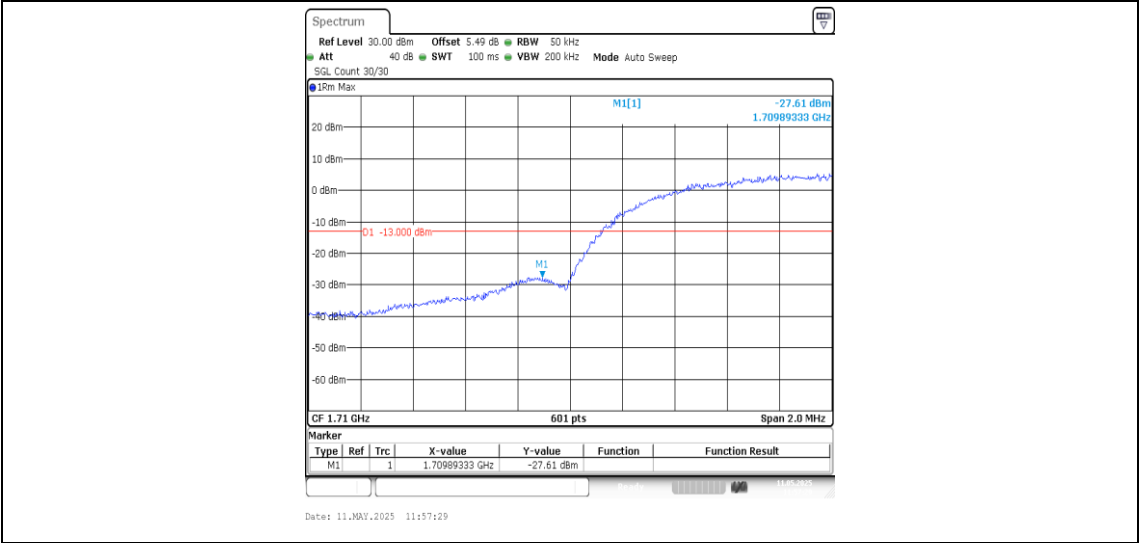




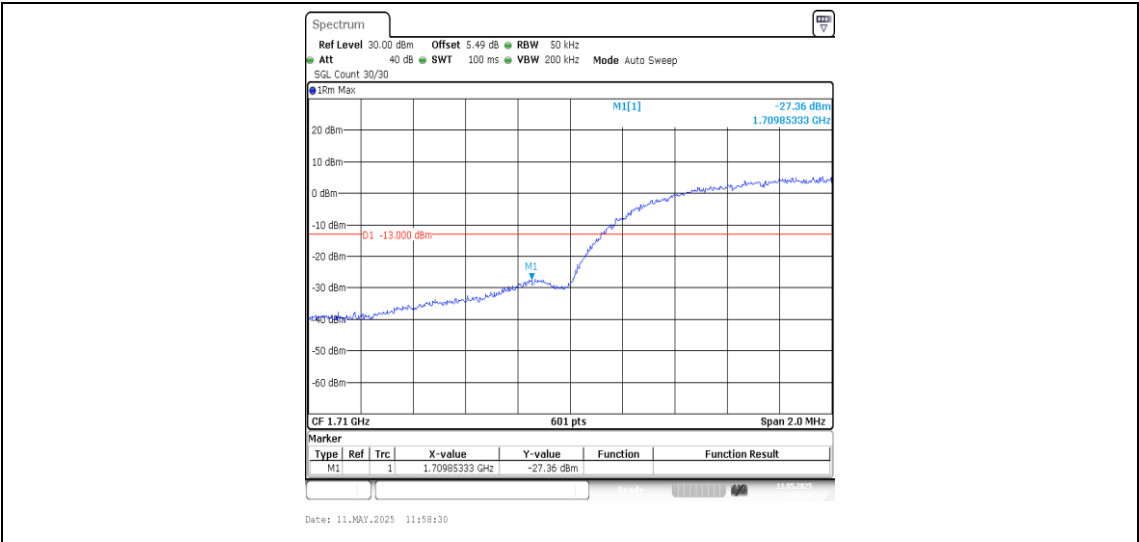
Band4-1312-1-PASS



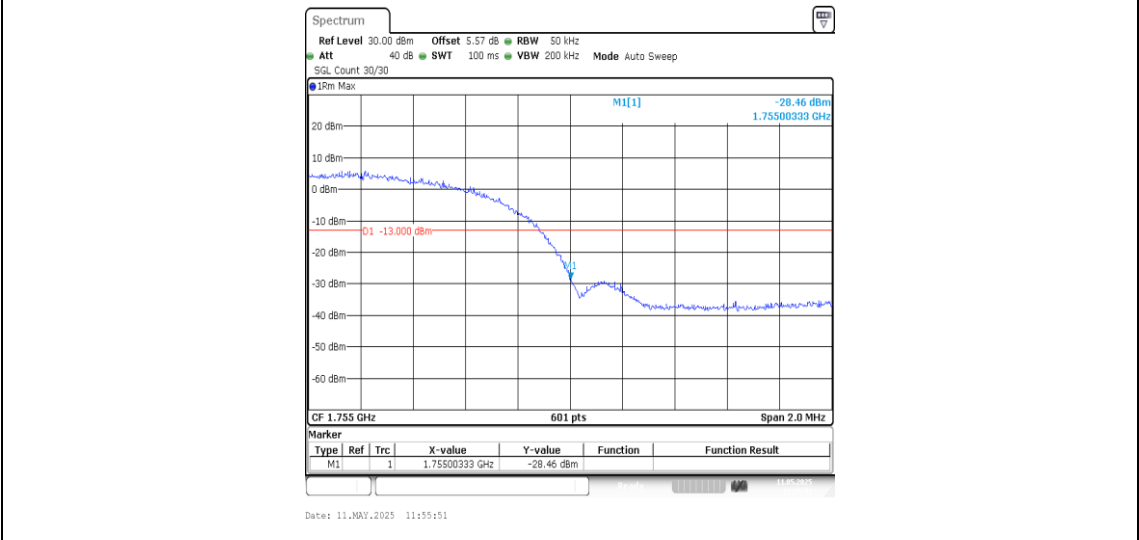
Band4-1312-2-PASS



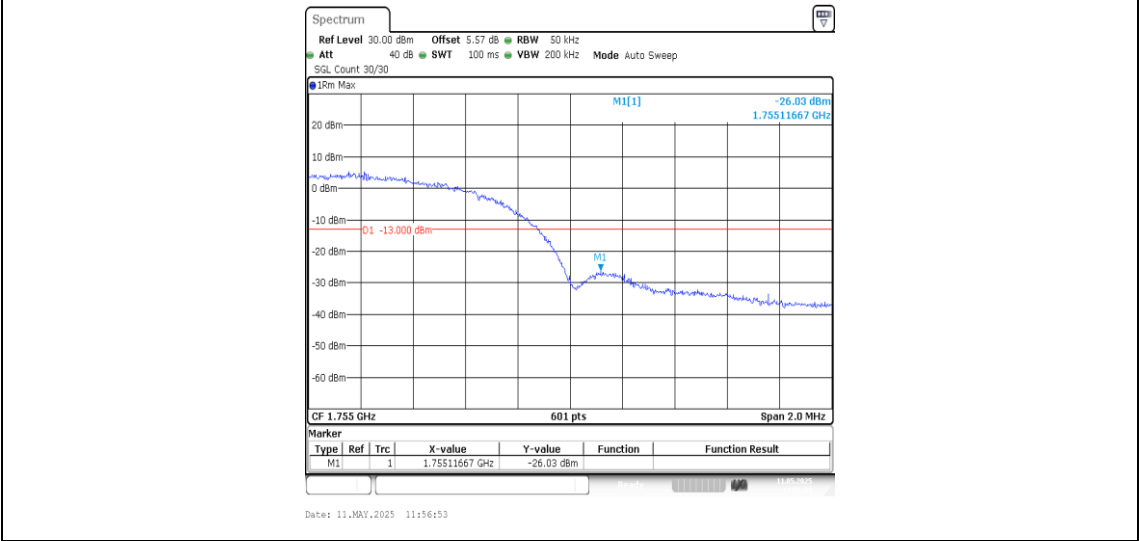
Band4-1312-3-PASS



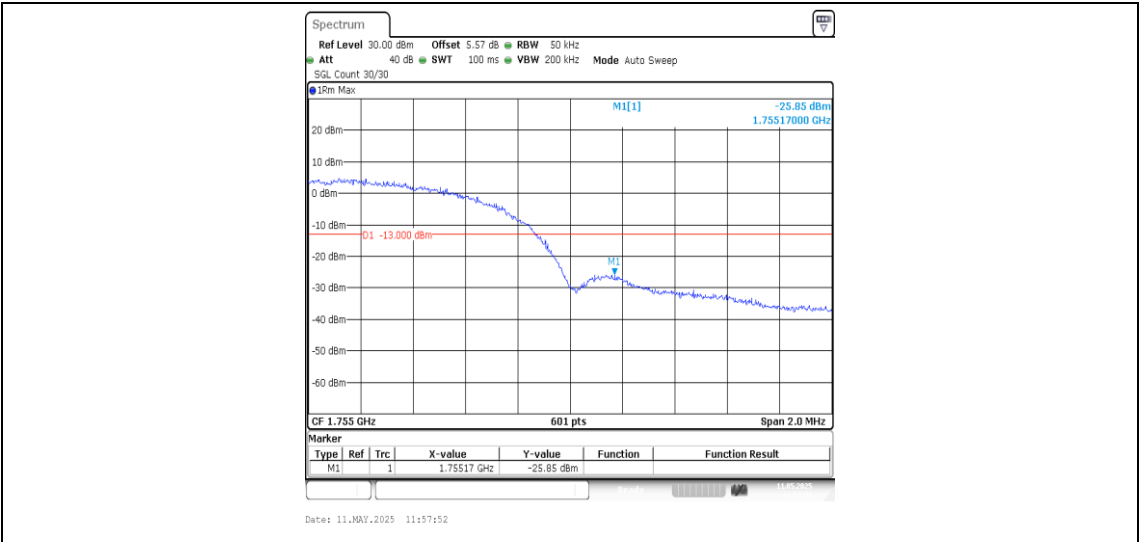
Band4-1312-4-PASS



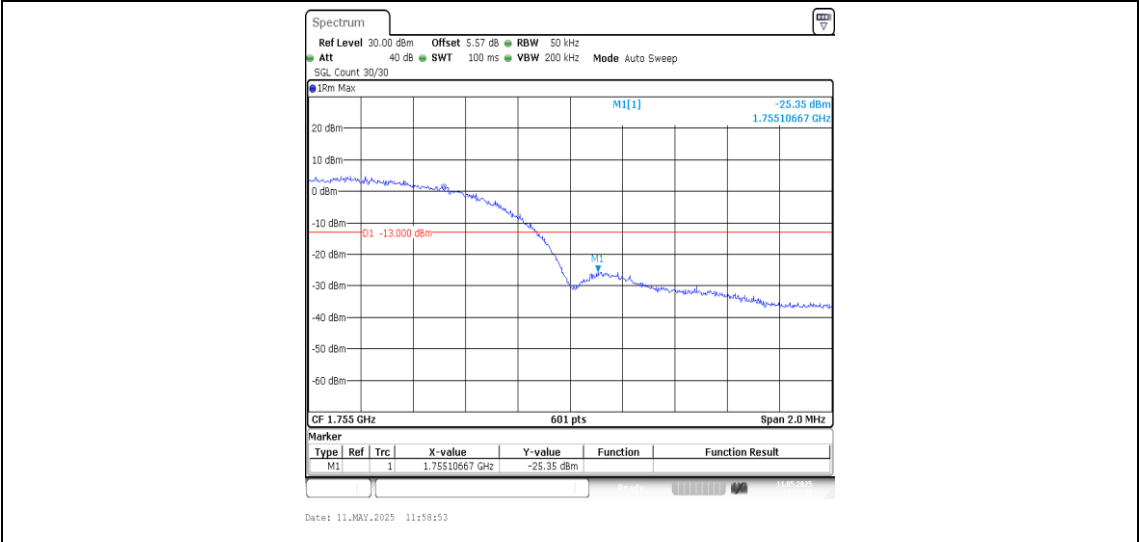
Band4-1513-1-PASS



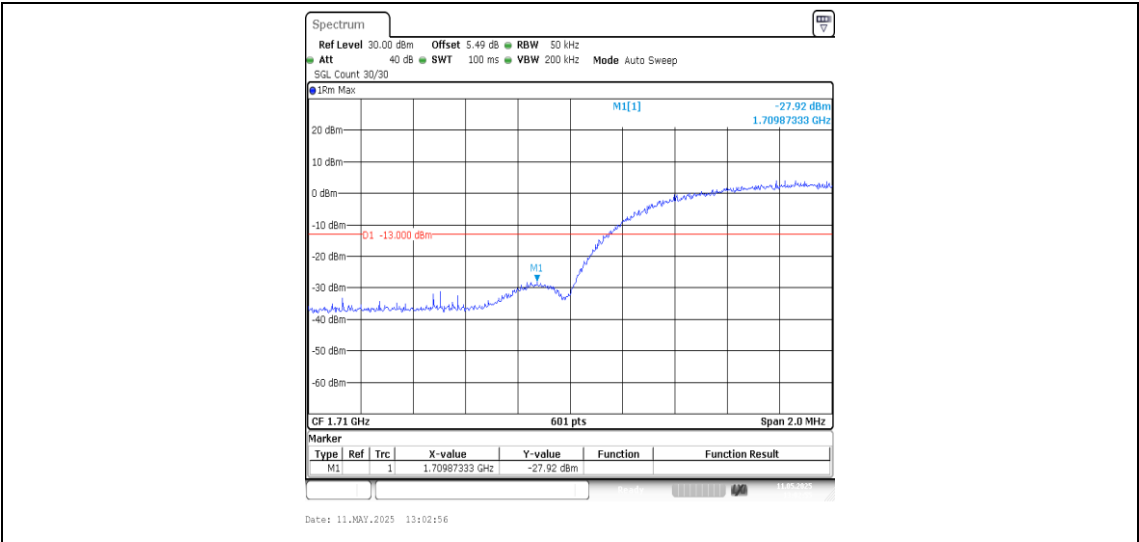
Band4-1513-2-PASS



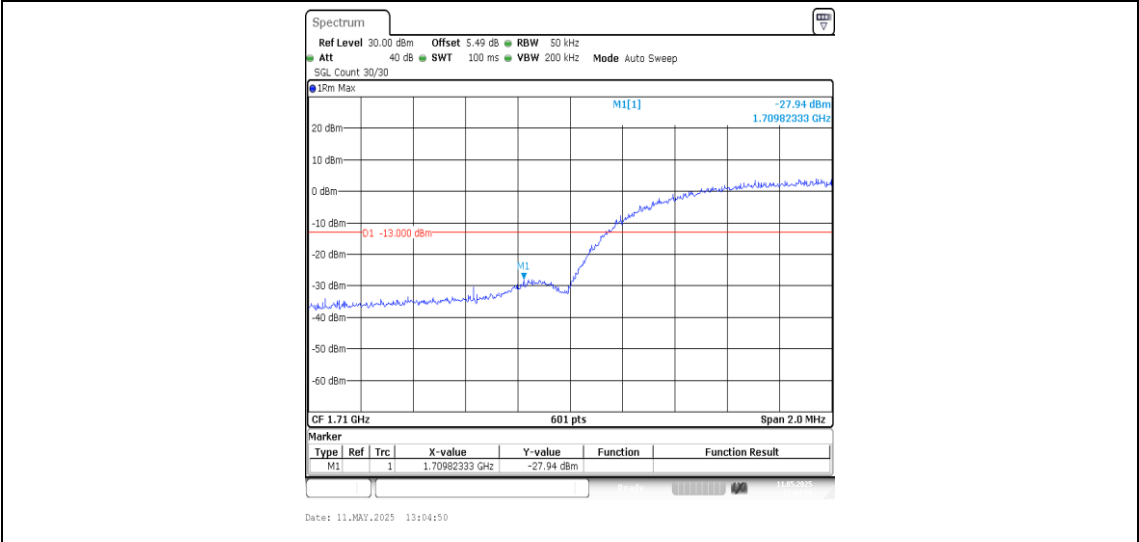
Band4-1513-3-PASS



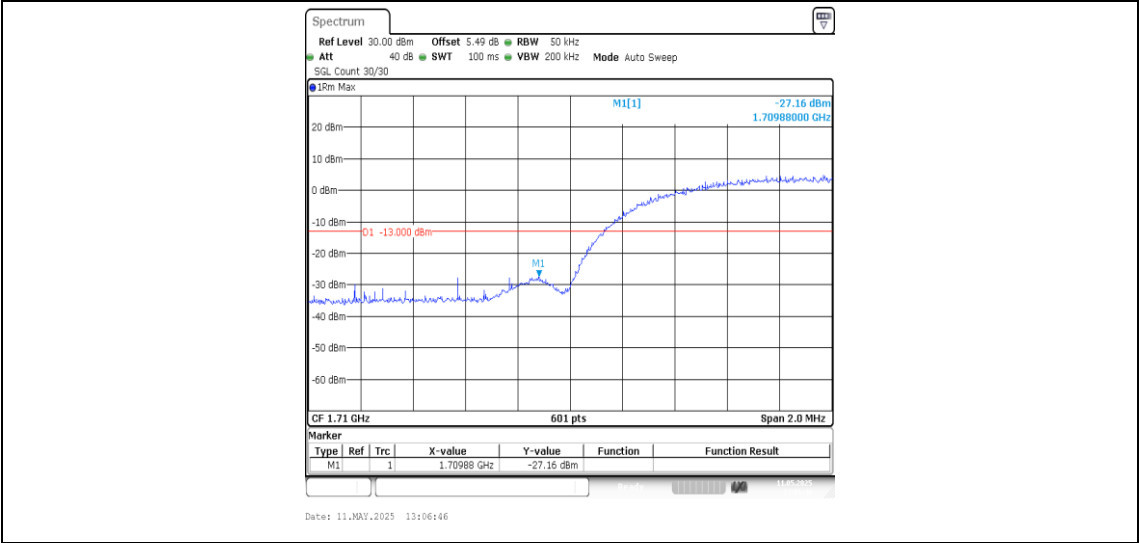
Band4-1513-4-PASS



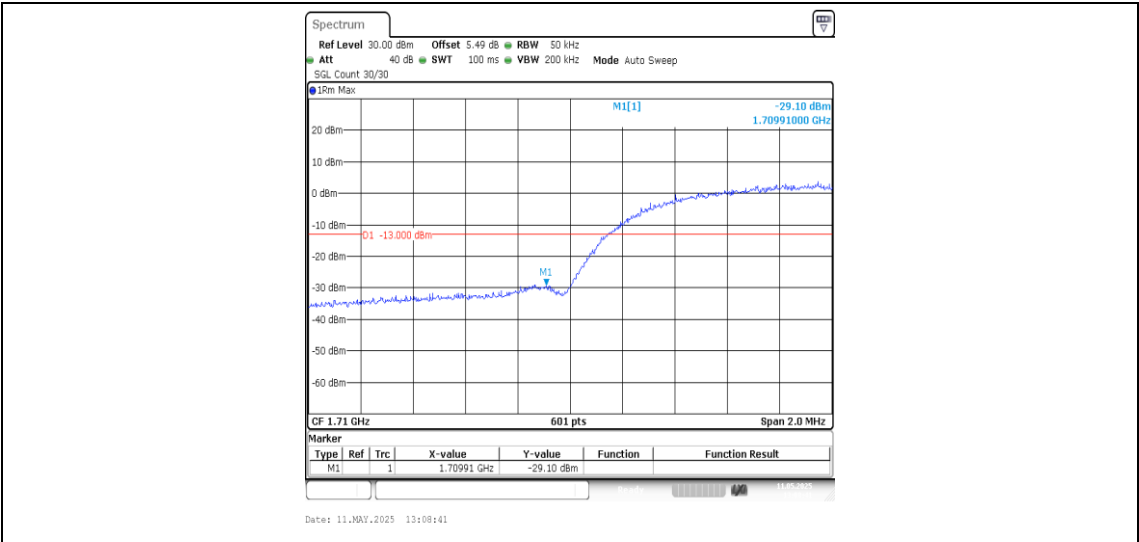
Band4-1312-1-PASS



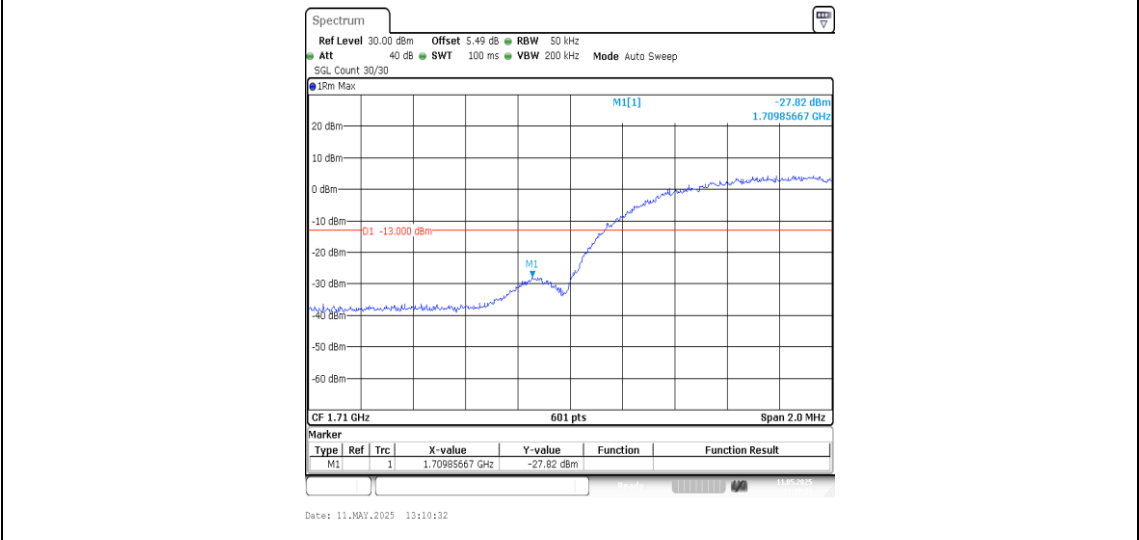
Band4-1312-2-PASS



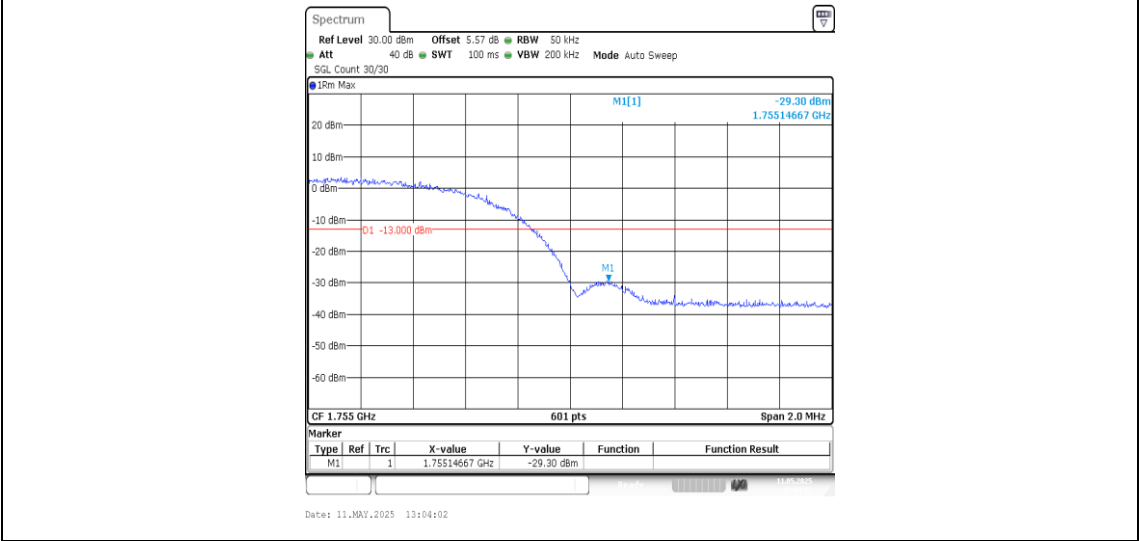
Band4-1312-3-PASS



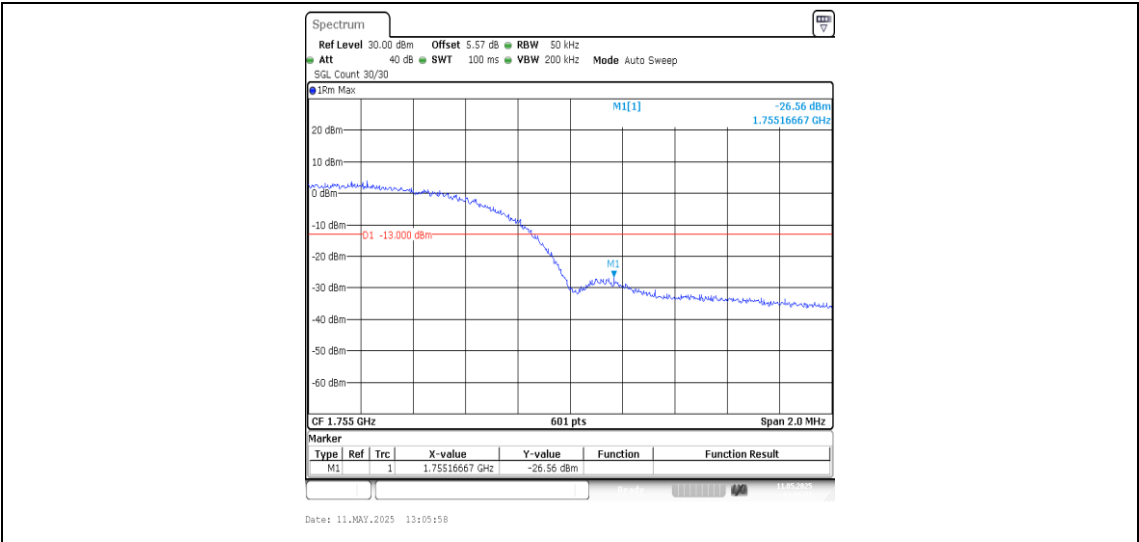
Band4-1312-4-PASS



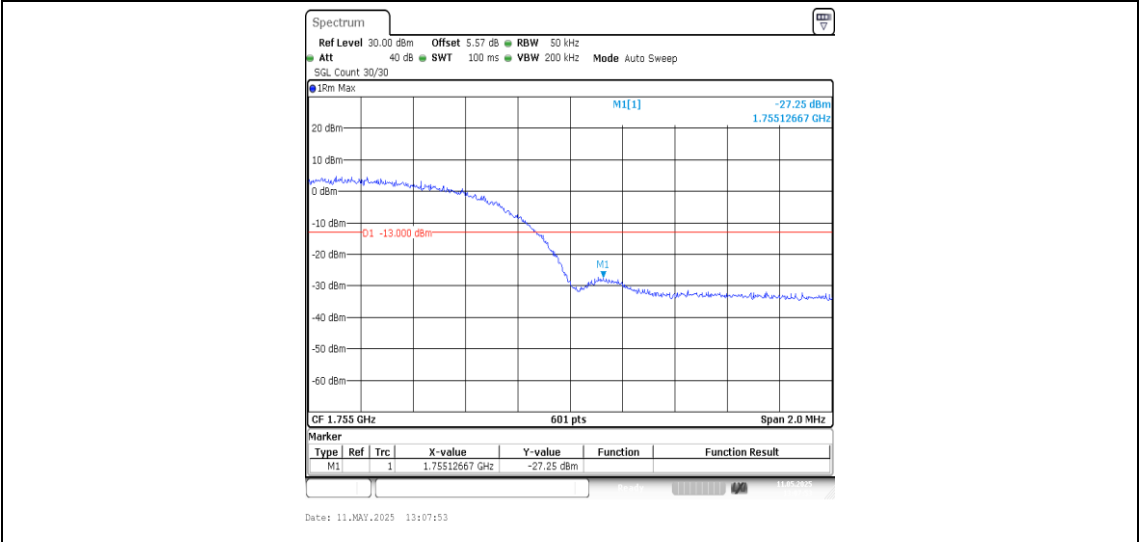
Band4-1312-5-PASS



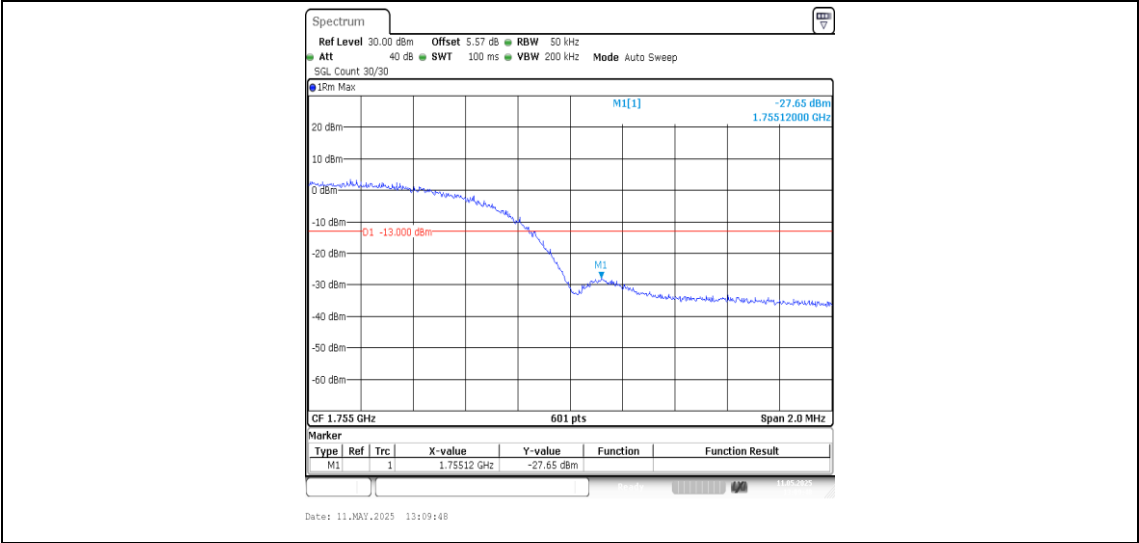
Band4-1513-1-PASS



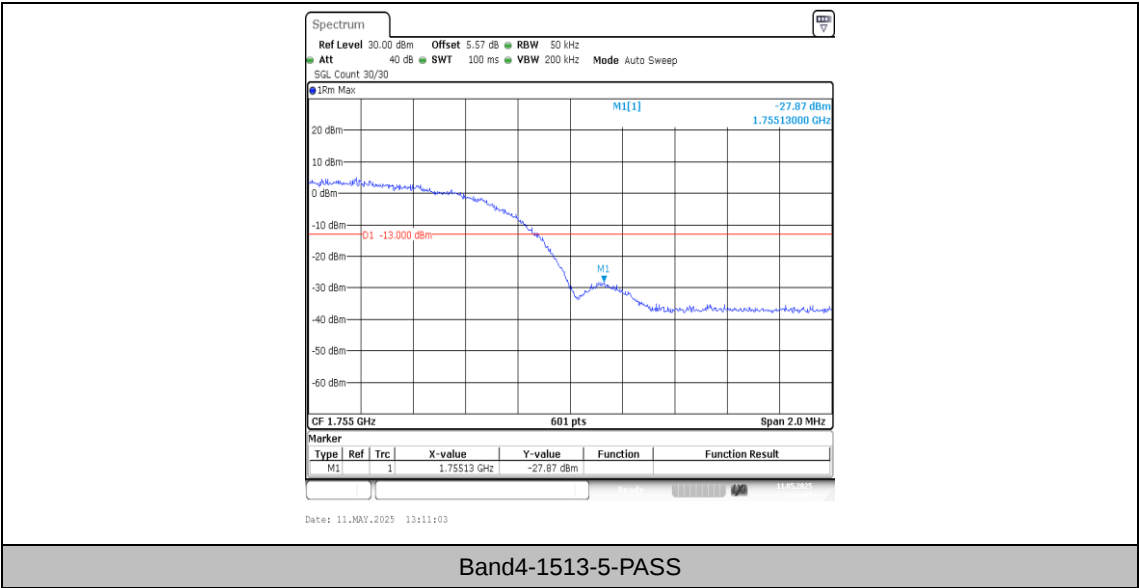
Band4-1513-2-PASS



Band4-1513-3-PASS



Band4-1513-4-PASS



## AppendixE:Conducted SpuriousEmission

### Test Result

| Band  | Channel | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band4 | 1312    | 0.009~0.15MHz         | 0.01            | -67.83       | -43         | PASS    |
| Band4 | 1312    | 0.15~30MHz            | 29.45           | -66.1        | -33         | PASS    |
| Band4 | 1312    | 30~1000MHz            | 926.72          | -49.85       | -13         | PASS    |
| Band4 | 1312    | 1000~30000MHz         | 6855.1          | -40.99       | -13         | PASS    |
| Band4 | 1312    | 3000~20000MHz         | 6551.8          | -37.85       | -13         | PASS    |
| Band4 | 1413    | 0.009~0.15MHz         | 0.02            | -67.45       | -43         | PASS    |
| Band4 | 1413    | 0.15~30MHz            | 22.58           | -65.13       | -33         | PASS    |
| Band4 | 1413    | 30~1000MHz            | 914.7           | -50.22       | -13         | PASS    |
| Band4 | 1413    | 1000~30000MHz         | 6823.2          | -41.13       | -13         | PASS    |
| Band4 | 1413    | 3000~20000MHz         | 6541.6          | -37.61       | -13         | PASS    |
| Band4 | 1513    | 0.009~0.15MHz         | 0.01            | -68.19       | -43         | PASS    |
| Band4 | 1513    | 0.15~30MHz            | 21.87           | -64.94       | -33         | PASS    |
| Band4 | 1513    | 30~1000MHz            | 995.39          | -49.87       | -13         | PASS    |
| Band4 | 1513    | 1000~30000MHz         | 6829            | -41.07       | -13         | PASS    |
| Band4 | 1513    | 3000~20000MHz         | 6528            | -37.84       | -13         | PASS    |

| Band  | Channel | SubTest | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band4 | 1312    | 1       | 0.009~0.15MHz         | 0.01            | -63.3        | -43         | PASS    |
| Band4 | 1312    | 1       | 0.15~30MHz            | 23.88           | -65.46       | -33         | PASS    |
| Band4 | 1312    | 1       | 30~1000MHz            | 982.98          | -50.31       | -13         | PASS    |
| Band4 | 1312    | 1       | 1000~30000MHz         | 6501.3          | -41.04       | -13         | PASS    |
| Band4 | 1312    | 1       | 3000~20000MHz         | 6864.6          | -37.77       | -13         | PASS    |
| Band4 | 1312    | 2       | 0.009~0.15MHz         | 0.01            | -68.26       | -43         | PASS    |
| Band4 | 1312    | 2       | 0.15~30MHz            | 28.59           | -65.94       | -33         | PASS    |
| Band4 | 1312    | 2       | 30~1000MHz            | 948.06          | -50.29       | -13         | PASS    |
| Band4 | 1312    | 2       | 1000~30000MHz         | 6588.3          | -40.96       | -13         | PASS    |
| Band4 | 1312    | 2       | 3000~20000MHz         | 6531.4          | -37.71       | -13         | PASS    |
| Band4 | 1312    | 3       | 0.009~0.15MHz         | 0.02            | -66.32       | -43         | PASS    |
| Band4 | 1312    | 3       | 0.15~30MHz            | 28.77           | -64.91       | -33         | PASS    |
| Band4 | 1312    | 3       | 30~1000MHz            | 933.61          | -50.34       | -13         | PASS    |
| Band4 | 1312    | 3       | 1000~30000MHz         | 6510            | -40.85       | -13         | PASS    |
| Band4 | 1312    | 3       | 3000~20000MHz         | 6900.3          | -37.9        | -13         | PASS    |
| Band4 | 1312    | 4       | 0.009~0.15MHz         | 0.01            | -67.64       | -43         | PASS    |
| Band4 | 1312    | 4       | 0.15~30MHz            | 28.67           | -66.36       | -33         | PASS    |
| Band4 | 1312    | 4       | 30~1000MHz            | 996.85          | -50.15       | -13         | PASS    |
| Band4 | 1312    | 4       | 1000~30000MHz         | 6881.2          | -40.66       | -13         | PASS    |

Waltek Testing Group (Shenzhen) Co., Ltd.

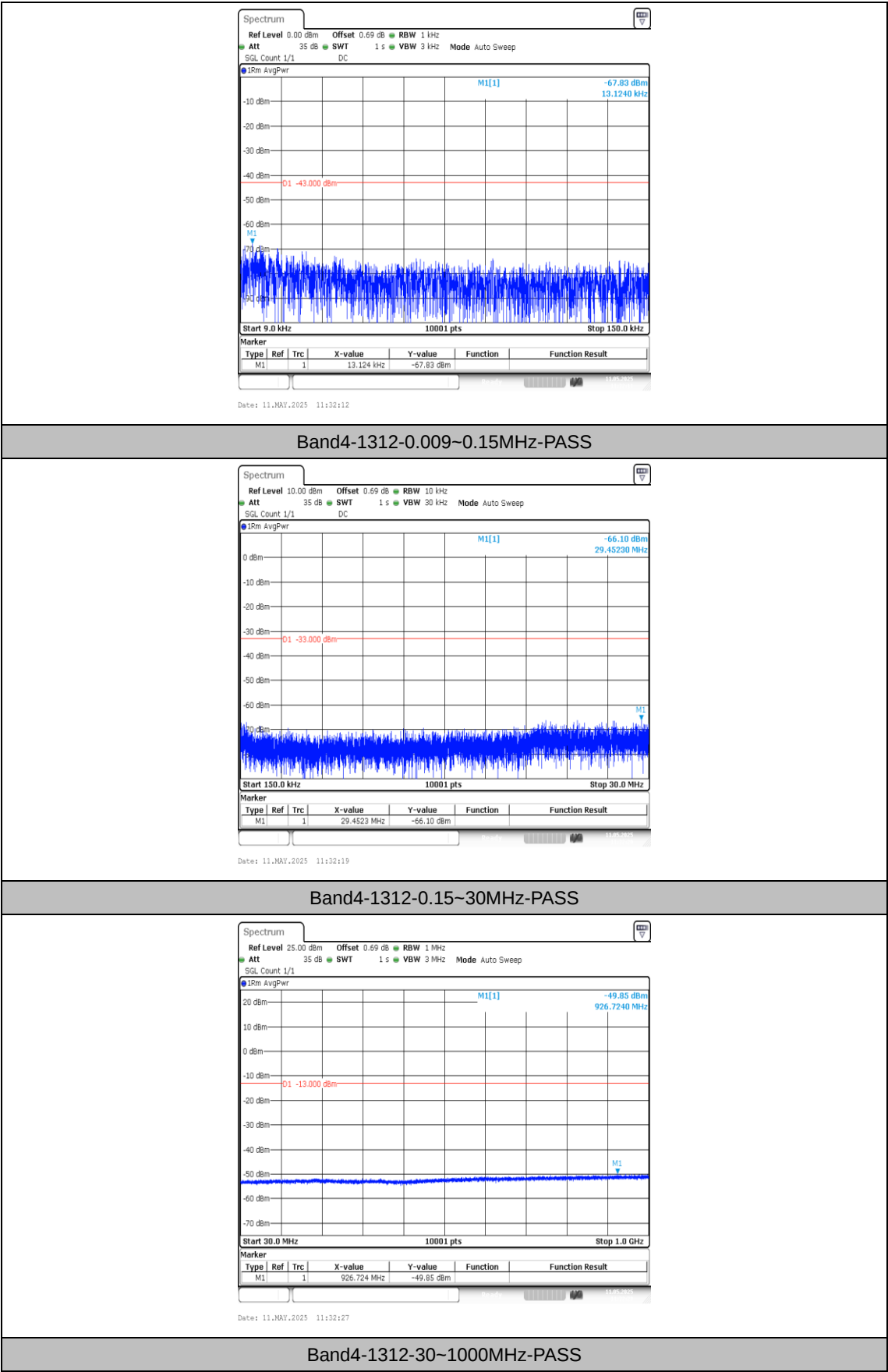
[Http://www.waltek.com.cn](http://www.waltek.com.cn)

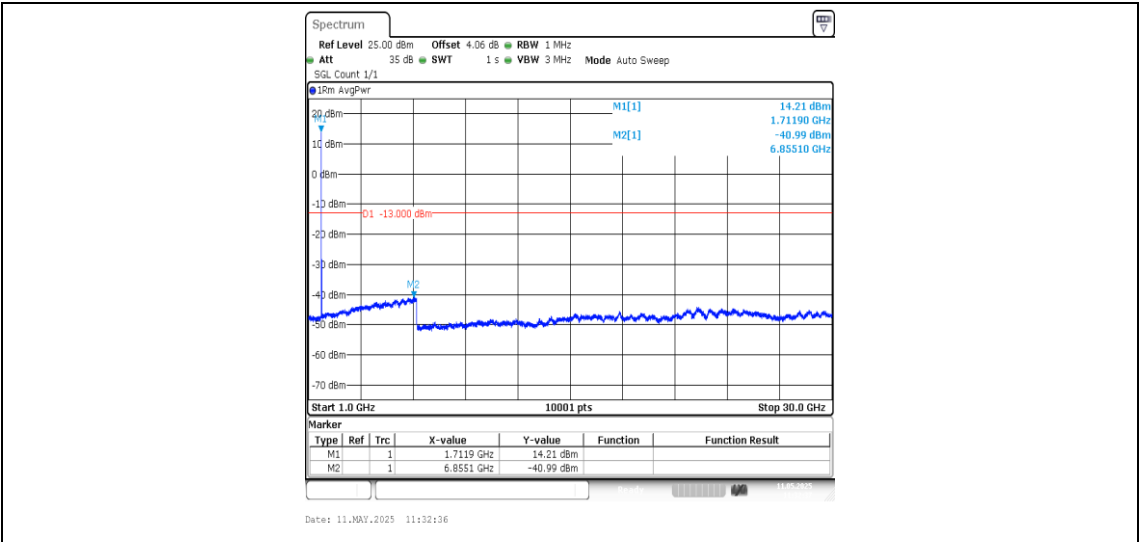
|       |      |   |               |        |        |     |      |
|-------|------|---|---------------|--------|--------|-----|------|
| Band4 | 1312 | 4 | 3000~20000MHz | 6895.2 | -37.86 | -13 | PASS |
| Band4 | 1413 | 1 | 0.009~0.15MHz | 0.02   | -65.14 | -43 | PASS |
| Band4 | 1413 | 1 | 0.15~30MHz    | 22.52  | -65.85 | -33 | PASS |
| Band4 | 1413 | 1 | 30~1000MHz    | 988.7  | -50.31 | -13 | PASS |
| Band4 | 1413 | 1 | 1000~30000MHz | 6991.4 | -40.94 | -13 | PASS |
| Band4 | 1413 | 1 | 3000~20000MHz | 6505.9 | -37.86 | -13 | PASS |
| Band4 | 1413 | 2 | 0.009~0.15MHz | 0.01   | -67.55 | -43 | PASS |
| Band4 | 1413 | 2 | 0.15~30MHz    | 24.38  | -65.23 | -33 | PASS |
| Band4 | 1413 | 2 | 30~1000MHz    | 954.27 | -50.1  | -13 | PASS |
| Band4 | 1413 | 2 | 1000~30000MHz | 6594.1 | -41.06 | -13 | PASS |
| Band4 | 1413 | 2 | 3000~20000MHz | 6553.5 | -38.04 | -13 | PASS |
| Band4 | 1413 | 3 | 0.009~0.15MHz | 0.01   | -65.99 | -43 | PASS |
| Band4 | 1413 | 3 | 0.15~30MHz    | 22.81  | -66.16 | -33 | PASS |
| Band4 | 1413 | 3 | 30~1000MHz    | 984.92 | -50.2  | -13 | PASS |
| Band4 | 1413 | 3 | 1000~30000MHz | 6550.6 | -40.83 | -13 | PASS |
| Band4 | 1413 | 3 | 3000~20000MHz | 6985.3 | -37.77 | -13 | PASS |
| Band4 | 1413 | 4 | 0.009~0.15MHz | 0.01   | -66.09 | -43 | PASS |
| Band4 | 1413 | 4 | 0.15~30MHz    | 25.08  | -66.05 | -33 | PASS |
| Band4 | 1413 | 4 | 30~1000MHz    | 972.21 | -50.22 | -13 | PASS |
| Band4 | 1413 | 4 | 1000~30000MHz | 6521.6 | -41.03 | -13 | PASS |
| Band4 | 1413 | 4 | 3000~20000MHz | 6847.6 | -37.89 | -13 | PASS |
| Band4 | 1513 | 1 | 0.009~0.15MHz | 0.02   | -65.75 | -43 | PASS |
| Band4 | 1513 | 1 | 0.15~30MHz    | 27.65  | -66.04 | -33 | PASS |
| Band4 | 1513 | 1 | 30~1000MHz    | 984.82 | -50.18 | -13 | PASS |
| Band4 | 1513 | 1 | 1000~30000MHz | 6205.5 | -41.02 | -13 | PASS |
| Band4 | 1513 | 1 | 3000~20000MHz | 6534.8 | -37.86 | -13 | PASS |
| Band4 | 1513 | 2 | 0.009~0.15MHz | 0.01   | -66.49 | -43 | PASS |
| Band4 | 1513 | 2 | 0.15~30MHz    | 22.3   | -66.03 | -33 | PASS |
| Band4 | 1513 | 2 | 30~1000MHz    | 975.61 | -50.09 | -13 | PASS |
| Band4 | 1513 | 2 | 1000~30000MHz | 6820.3 | -41    | -13 | PASS |
| Band4 | 1513 | 2 | 3000~20000MHz | 6842.5 | -38    | -13 | PASS |
| Band4 | 1513 | 3 | 0.009~0.15MHz | 0.01   | -65.55 | -43 | PASS |
| Band4 | 1513 | 3 | 0.15~30MHz    | 28.23  | -65.48 | -33 | PASS |
| Band4 | 1513 | 3 | 30~1000MHz    | 974.06 | -50.26 | -13 | PASS |
| Band4 | 1513 | 3 | 1000~30000MHz | 6869.6 | -41.06 | -13 | PASS |
| Band4 | 1513 | 3 | 3000~20000MHz | 6822.1 | -37.91 | -13 | PASS |
| Band4 | 1513 | 4 | 0.009~0.15MHz | 0.01   | -64.93 | -43 | PASS |
| Band4 | 1513 | 4 | 0.15~30MHz    | 29.67  | -65.6  | -33 | PASS |
| Band4 | 1513 | 4 | 30~1000MHz    | 910.82 | -50.04 | -13 | PASS |
| Band4 | 1513 | 4 | 1000~30000MHz | 6895.7 | -41.02 | -13 | PASS |
| Band4 | 1513 | 4 | 3000~20000MHz | 6857.8 | -37.86 | -13 | PASS |

| Band  | Channel | SubTest | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band4 | 1312    | 1       | 0.009~0.15MHz         | 0.01            | -67.54       | -43         | PASS    |
| Band4 | 1312    | 1       | 0.15~30MHz            | 23.91           | -66.17       | -33         | PASS    |
| Band4 | 1312    | 1       | 30~1000MHz            | 941.56          | -50.08       | -13         | PASS    |
| Band4 | 1312    | 1       | 1000~30000MHz         | 6829            | -40.97       | -13         | PASS    |
| Band4 | 1312    | 1       | 3000~20000MHz         | 6859.5          | -37.91       | -13         | PASS    |
| Band4 | 1312    | 2       | 0.009~0.15MHz         | 0.01            | -65.61       | -43         | PASS    |
| Band4 | 1312    | 2       | 0.15~30MHz            | 23.27           | -66.52       | -33         | PASS    |
| Band4 | 1312    | 2       | 30~1000MHz            | 987.93          | -50.19       | -13         | PASS    |
| Band4 | 1312    | 2       | 1000~30000MHz         | 6933.4          | -40.93       | -13         | PASS    |
| Band4 | 1312    | 2       | 3000~20000MHz         | 6873.1          | -37.99       | -13         | PASS    |
| Band4 | 1312    | 3       | 0.009~0.15MHz         | 0.02            | -67.33       | -43         | PASS    |
| Band4 | 1312    | 3       | 0.15~30MHz            | 27.69           | -65.29       | -33         | PASS    |
| Band4 | 1312    | 3       | 30~1000MHz            | 940.69          | -50.24       | -13         | PASS    |
| Band4 | 1312    | 3       | 1000~30000MHz         | 6872.5          | -40.98       | -13         | PASS    |
| Band4 | 1312    | 3       | 3000~20000MHz         | 6793.2          | -38.06       | -13         | PASS    |
| Band4 | 1312    | 4       | 0.009~0.15MHz         | 0.02            | -66.11       | -43         | PASS    |
| Band4 | 1312    | 4       | 0.15~30MHz            | 26.34           | -64.23       | -33         | PASS    |
| Band4 | 1312    | 4       | 30~1000MHz            | 962.13          | -50.11       | -13         | PASS    |
| Band4 | 1312    | 4       | 1000~30000MHz         | 6924.7          | -40.98       | -13         | PASS    |
| Band4 | 1312    | 4       | 3000~20000MHz         | 6839.1          | -37.59       | -13         | PASS    |
| Band4 | 1312    | 5       | 0.009~0.15MHz         | 0.02            | -68.03       | -43         | PASS    |
| Band4 | 1312    | 5       | 0.15~30MHz            | 28.07           | -66.35       | -33         | PASS    |
| Band4 | 1312    | 5       | 30~1000MHz            | 981.52          | -50.24       | -13         | PASS    |
| Band4 | 1312    | 5       | 1000~30000MHz         | 6498.4          | -40.91       | -13         | PASS    |
| Band4 | 1312    | 5       | 3000~20000MHz         | 6563.7          | -37.89       | -13         | PASS    |
| Band4 | 1413    | 1       | 0.009~0.15MHz         | 0.02            | -67.32       | -43         | PASS    |
| Band4 | 1413    | 1       | 0.15~30MHz            | 28.78           | -65.81       | -33         | PASS    |
| Band4 | 1413    | 1       | 30~1000MHz            | 938.36          | -50.06       | -13         | PASS    |
| Band4 | 1413    | 1       | 1000~30000MHz         | 6504.2          | -41.09       | -13         | PASS    |
| Band4 | 1413    | 1       | 3000~20000MHz         | 6835.7          | -37.89       | -13         | PASS    |
| Band4 | 1413    | 2       | 0.009~0.15MHz         | 0.01            | -67          | -43         | PASS    |
| Band4 | 1413    | 2       | 0.15~30MHz            | 28.06           | -65.62       | -33         | PASS    |
| Band4 | 1413    | 2       | 30~1000MHz            | 987.83          | -50.16       | -13         | PASS    |
| Band4 | 1413    | 2       | 1000~30000MHz         | 6997.2          | -40.96       | -13         | PASS    |
| Band4 | 1413    | 2       | 3000~20000MHz         | 6837.4          | -37.89       | -13         | PASS    |
| Band4 | 1413    | 3       | 0.009~0.15MHz         | 0.02            | -66.82       | -43         | PASS    |
| Band4 | 1413    | 3       | 0.15~30MHz            | 27.29           | -65.96       | -33         | PASS    |
| Band4 | 1413    | 3       | 30~1000MHz            | 849.81          | -50.33       | -13         | PASS    |
| Band4 | 1413    | 3       | 1000~30000MHz         | 6811.6          | -40.99       | -13         | PASS    |

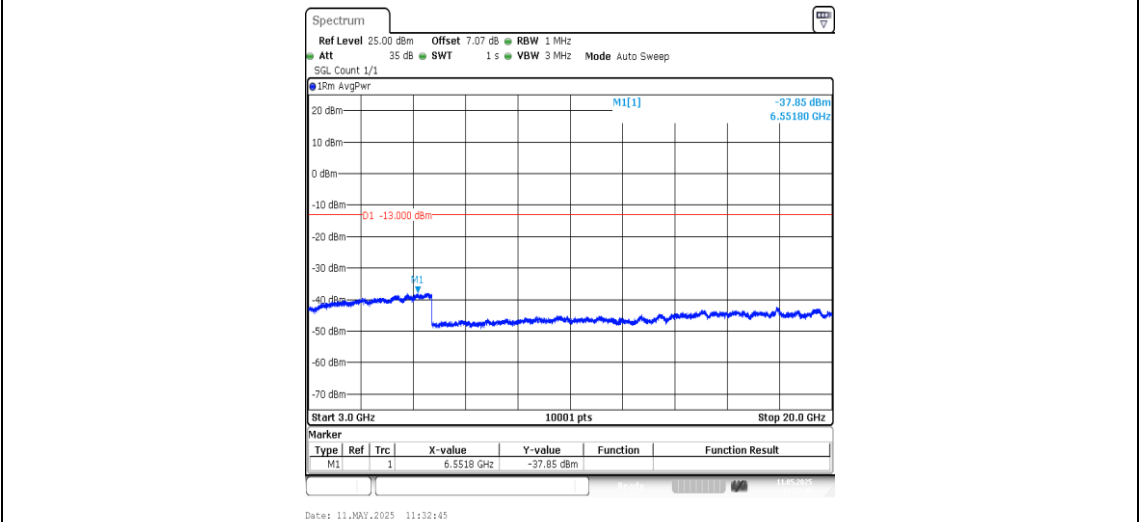
|       |      |   |               |        |        |     |      |
|-------|------|---|---------------|--------|--------|-----|------|
| Band4 | 1413 | 3 | 3000~20000MHz | 6801.7 | -37.9  | -13 | PASS |
| Band4 | 1413 | 4 | 0.009~0.15MHz | 0.01   | -66.4  | -43 | PASS |
| Band4 | 1413 | 4 | 0.15~30MHz    | 23.67  | -64.87 | -33 | PASS |
| Band4 | 1413 | 4 | 30~1000MHz    | 991.51 | -50.35 | -13 | PASS |
| Band4 | 1413 | 4 | 1000~30000MHz | 6860.9 | -40.95 | -13 | PASS |
| Band4 | 1413 | 4 | 3000~20000MHz | 6861.2 | -38.09 | -13 | PASS |
| Band4 | 1413 | 5 | 0.009~0.15MHz | 0.01   | -64.96 | -43 | PASS |
| Band4 | 1413 | 5 | 0.15~30MHz    | 26.72  | -65.6  | -33 | PASS |
| Band4 | 1413 | 5 | 30~1000MHz    | 978.42 | -50    | -13 | PASS |
| Band4 | 1413 | 5 | 1000~30000MHz | 6550.6 | -40.98 | -13 | PASS |
| Band4 | 1413 | 5 | 3000~20000MHz | 6793.2 | -37.79 | -13 | PASS |
| Band4 | 1513 | 1 | 0.009~0.15MHz | 0.01   | -65.54 | -43 | PASS |
| Band4 | 1513 | 1 | 0.15~30MHz    | 25.37  | -65.62 | -33 | PASS |
| Band4 | 1513 | 1 | 30~1000MHz    | 984.92 | -49.98 | -13 | PASS |
| Band4 | 1513 | 1 | 1000~30000MHz | 6495.5 | -40.93 | -13 | PASS |
| Band4 | 1513 | 1 | 3000~20000MHz | 6511   | -38.01 | -13 | PASS |
| Band4 | 1513 | 2 | 0.009~0.15MHz | 0.01   | -66.71 | -43 | PASS |
| Band4 | 1513 | 2 | 0.15~30MHz    | 23.1   | -64.84 | -33 | PASS |
| Band4 | 1513 | 2 | 30~1000MHz    | 991.8  | -50.16 | -13 | PASS |
| Band4 | 1513 | 2 | 1000~30000MHz | 6979.8 | -41.06 | -13 | PASS |
| Band4 | 1513 | 2 | 3000~20000MHz | 6800   | -37.73 | -13 | PASS |
| Band4 | 1513 | 3 | 0.009~0.15MHz | 0.02   | -66.79 | -43 | PASS |
| Band4 | 1513 | 3 | 0.15~30MHz    | 22.82  | -66.12 | -33 | PASS |
| Band4 | 1513 | 3 | 30~1000MHz    | 976.58 | -50.37 | -13 | PASS |
| Band4 | 1513 | 3 | 1000~30000MHz | 6898.6 | -41.09 | -13 | PASS |
| Band4 | 1513 | 3 | 3000~20000MHz | 6497.4 | -37.96 | -13 | PASS |
| Band4 | 1513 | 4 | 0.009~0.15MHz | 0.01   | -67.9  | -43 | PASS |
| Band4 | 1513 | 4 | 0.15~30MHz    | 22.6   | -65.85 | -33 | PASS |
| Band4 | 1513 | 4 | 30~1000MHz    | 990.93 | -50.33 | -13 | PASS |
| Band4 | 1513 | 4 | 1000~30000MHz | 6544.8 | -40.85 | -13 | PASS |
| Band4 | 1513 | 4 | 3000~20000MHz | 6759.2 | -37.84 | -13 | PASS |
| Band4 | 1513 | 5 | 0.009~0.15MHz | 0.02   | -66.45 | -43 | PASS |
| Band4 | 1513 | 5 | 0.15~30MHz    | 25.41  | -64.16 | -33 | PASS |
| Band4 | 1513 | 5 | 30~1000MHz    | 954.27 | -50.26 | -13 | PASS |
| Band4 | 1513 | 5 | 1000~30000MHz | 6997.2 | -40.99 | -13 | PASS |
| Band4 | 1513 | 5 | 3000~20000MHz | 6541.6 | -37.97 | -13 | PASS |

Test Graphs

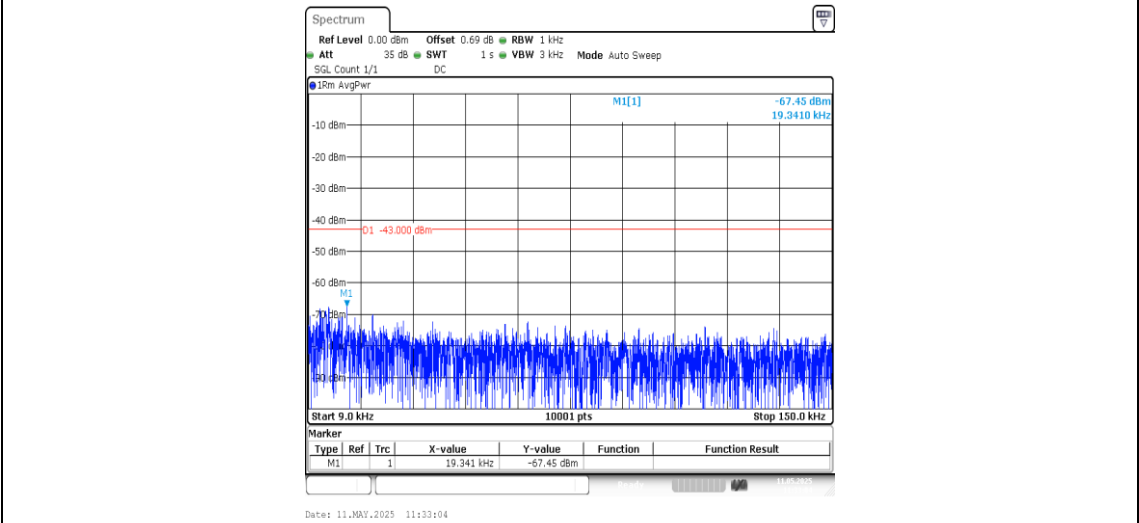




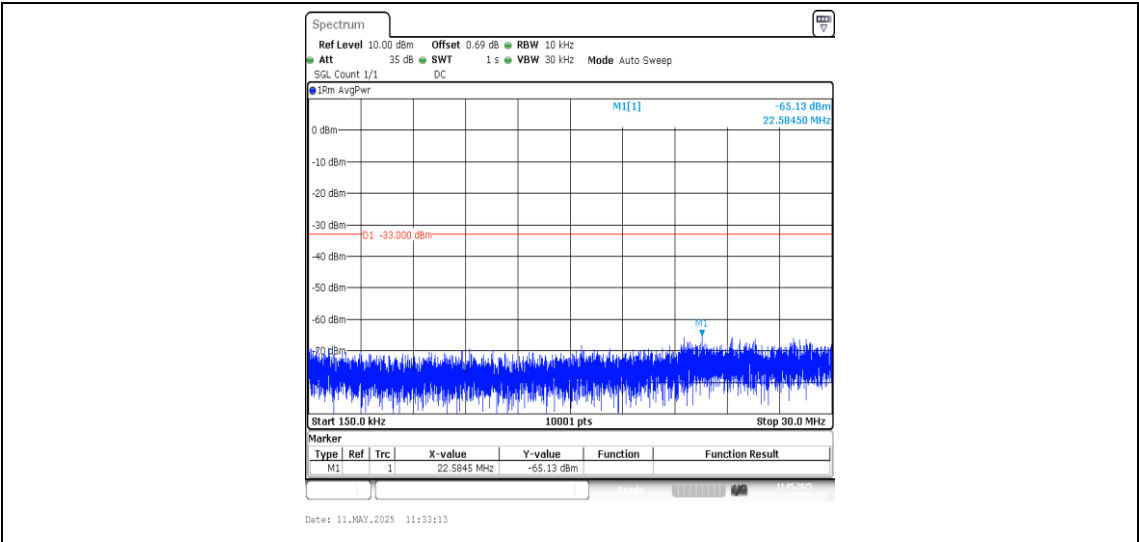
Band4-1312-1000~30000MHz-PASS



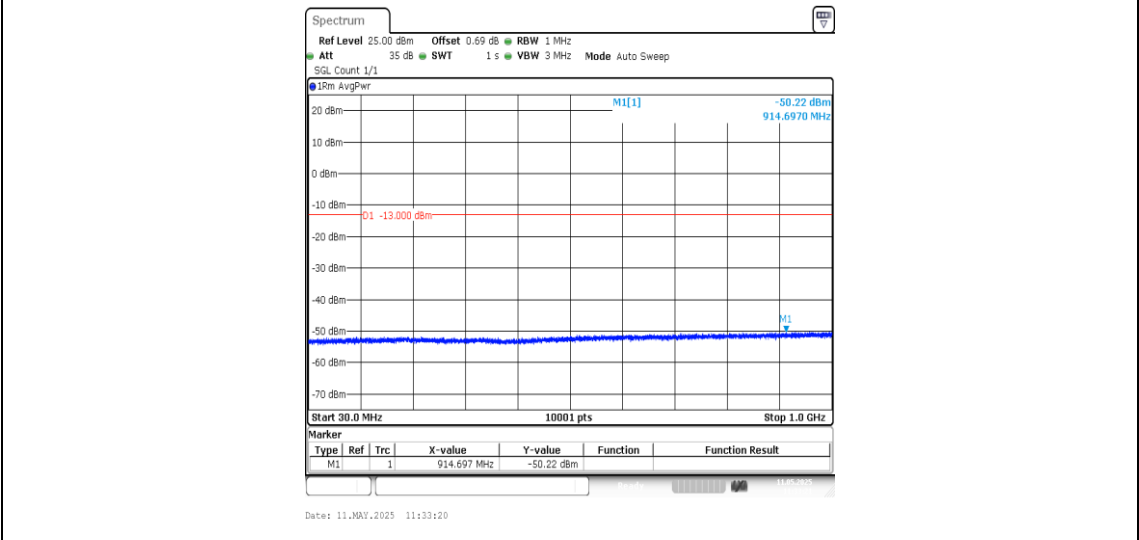
Band4-1312-3000~20000MHz-PASS



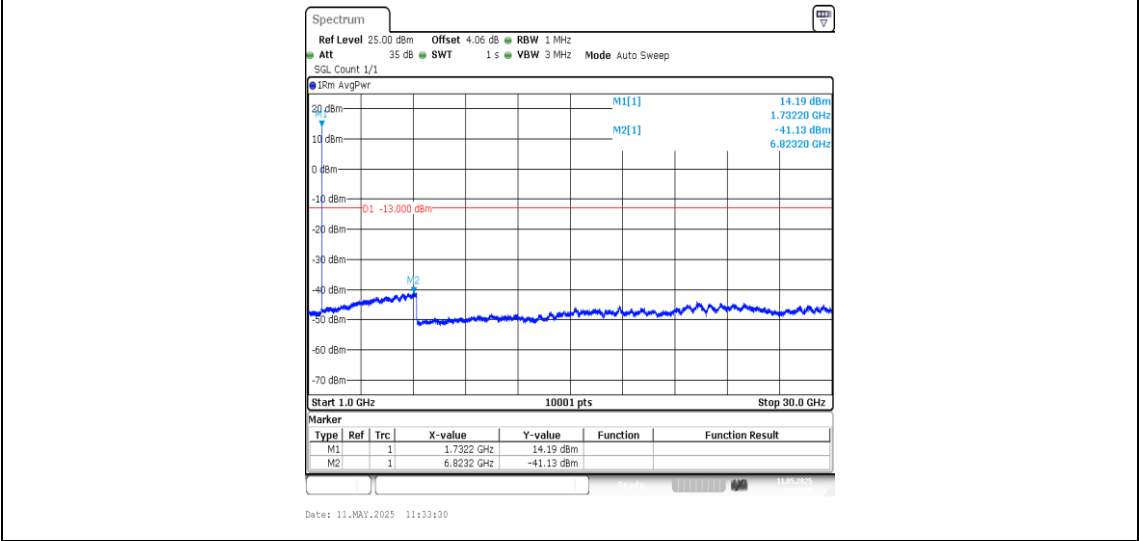
Band4-1413-0.009~0.15MHz-PASS



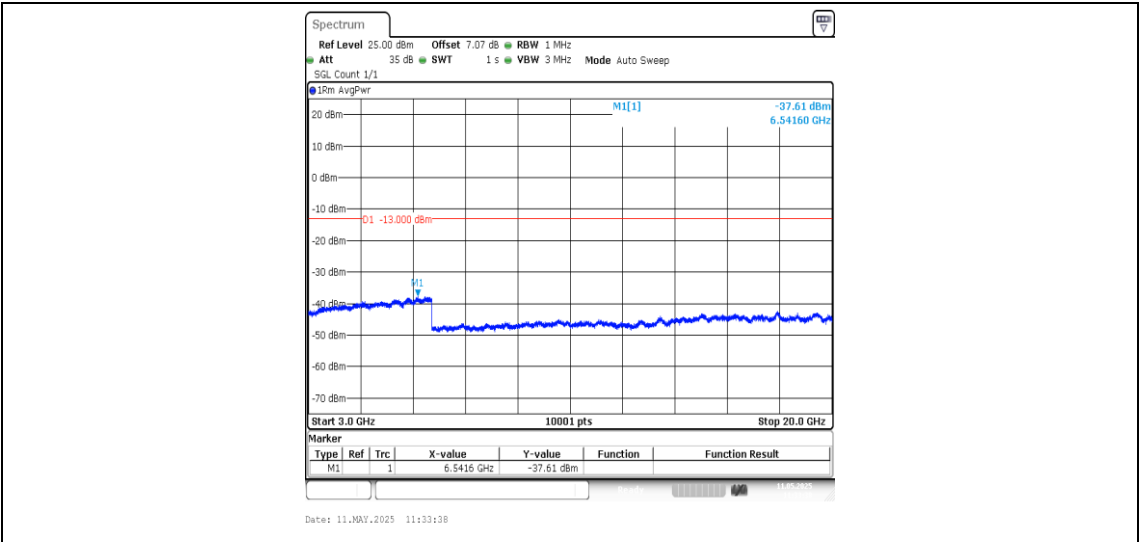
Band4-1413-0.15~30MHz-PASS



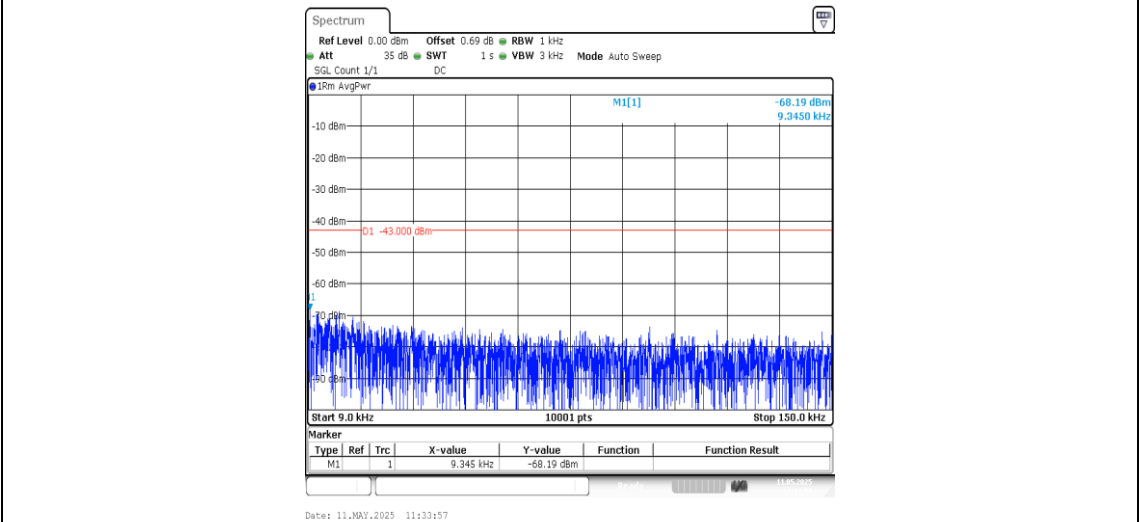
Band4-1413-30~1000MHz-PASS



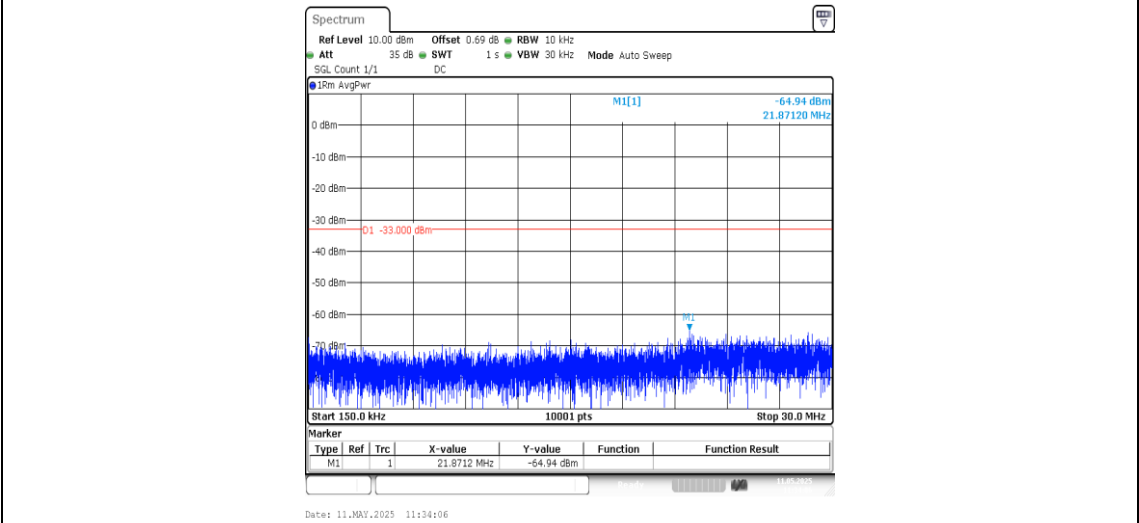
Band4-1413-1000~30000MHz-PASS



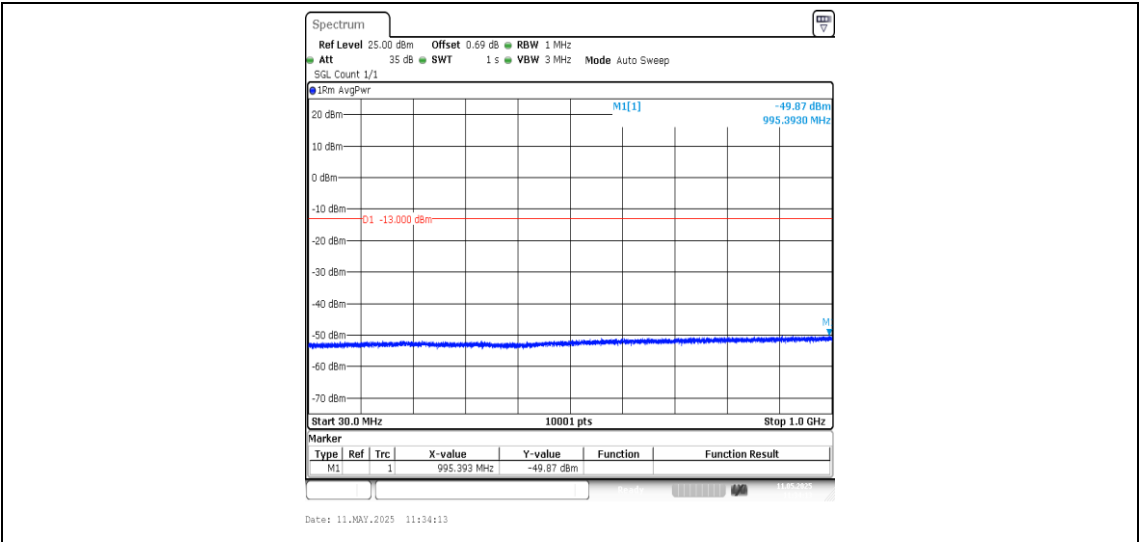
Band4-1413-3000~20000MHz-PASS



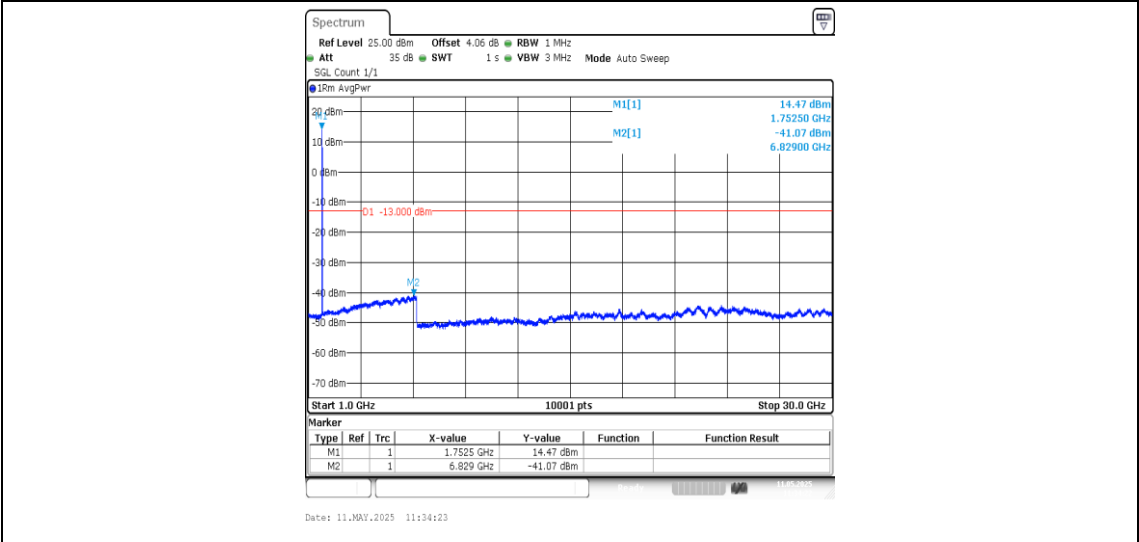
Band4-1513-0.009~0.15MHz-PASS



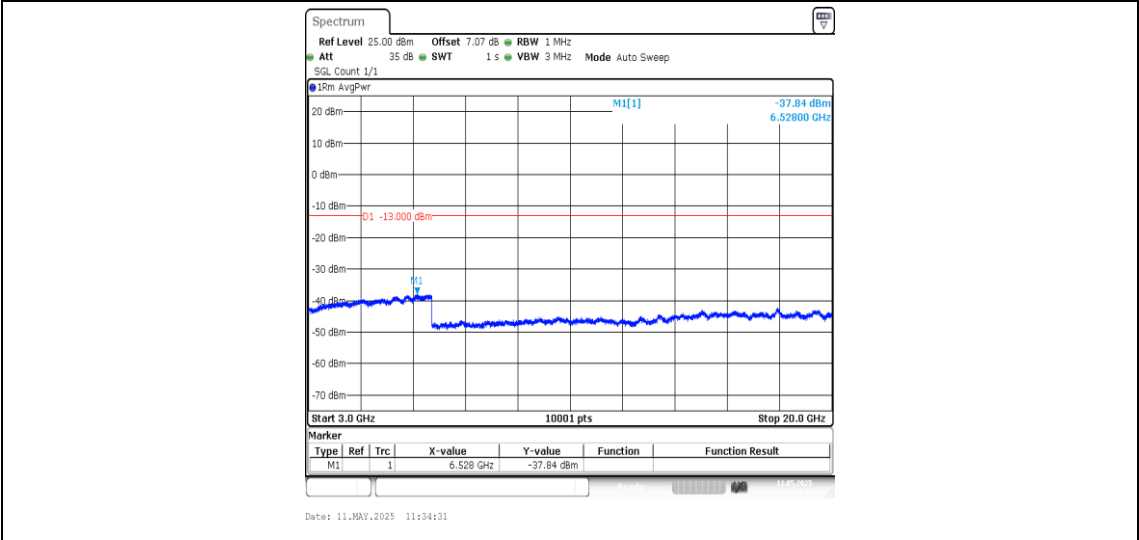
Band4-1513-0.15~30MHz-PASS



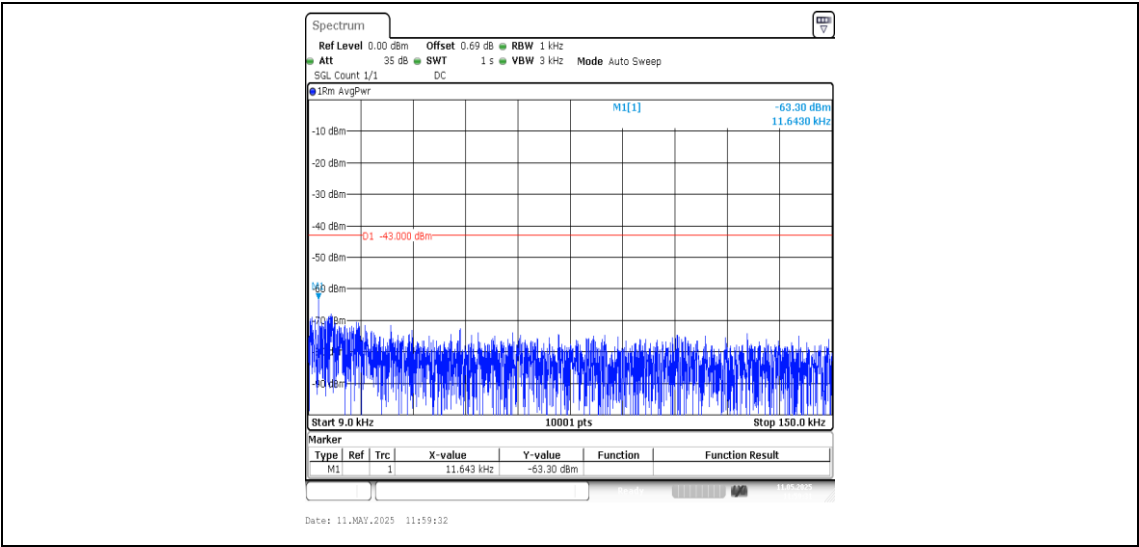
Band4-1513-30~1000MHz-PASS



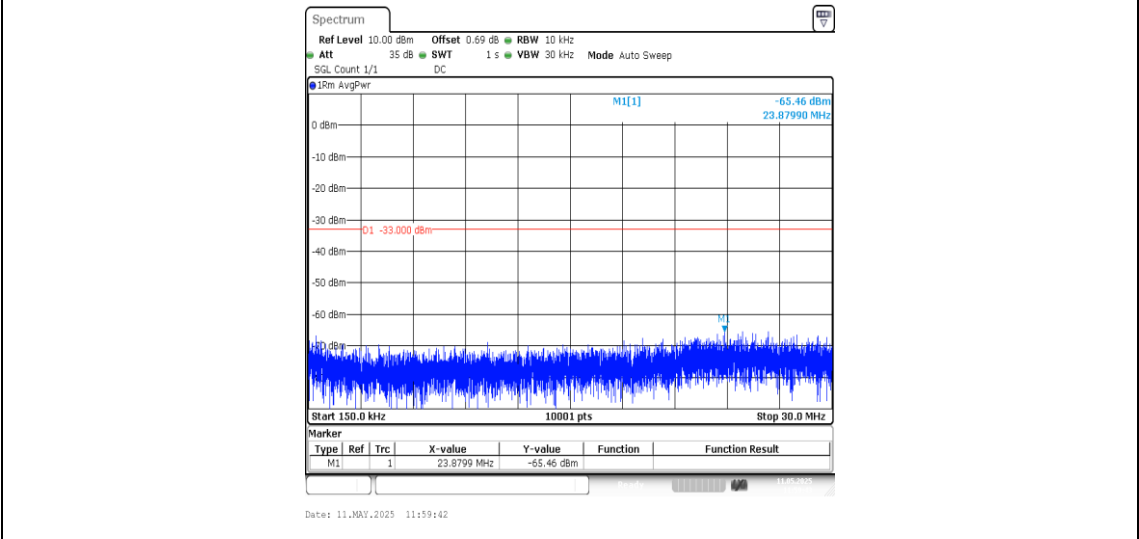
Band4-1513-1000~30000MHz-PASS



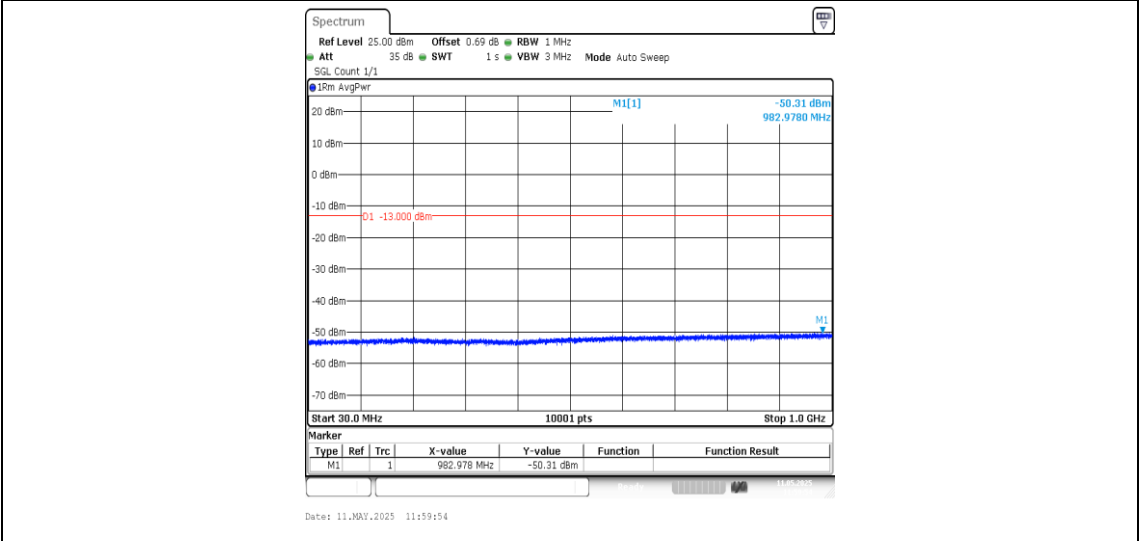
Band4-1513-3000~20000MHz-PASS



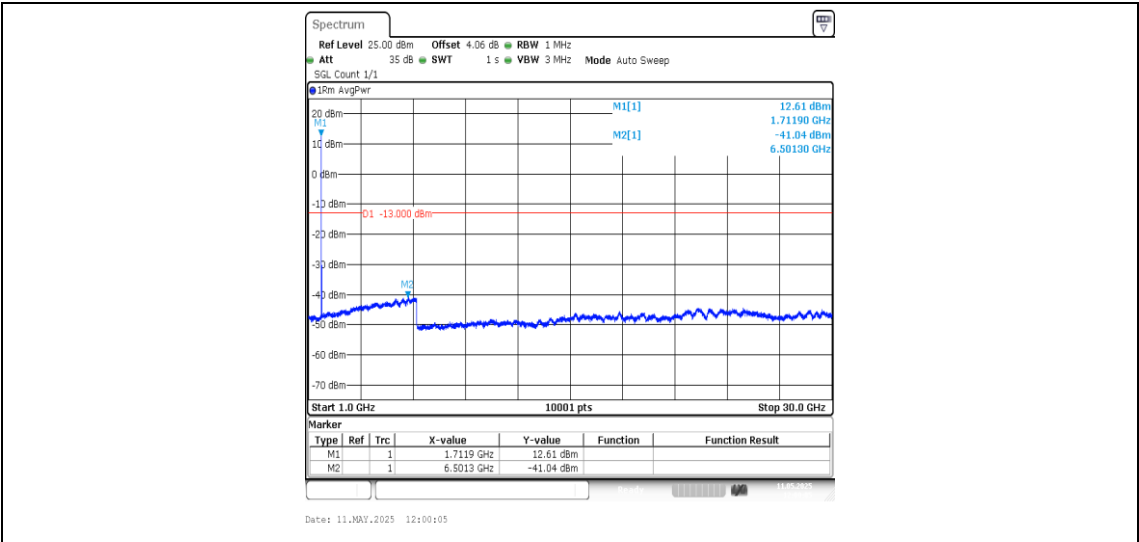
Band4-1312-1-0.009~0.15MHz-PASS



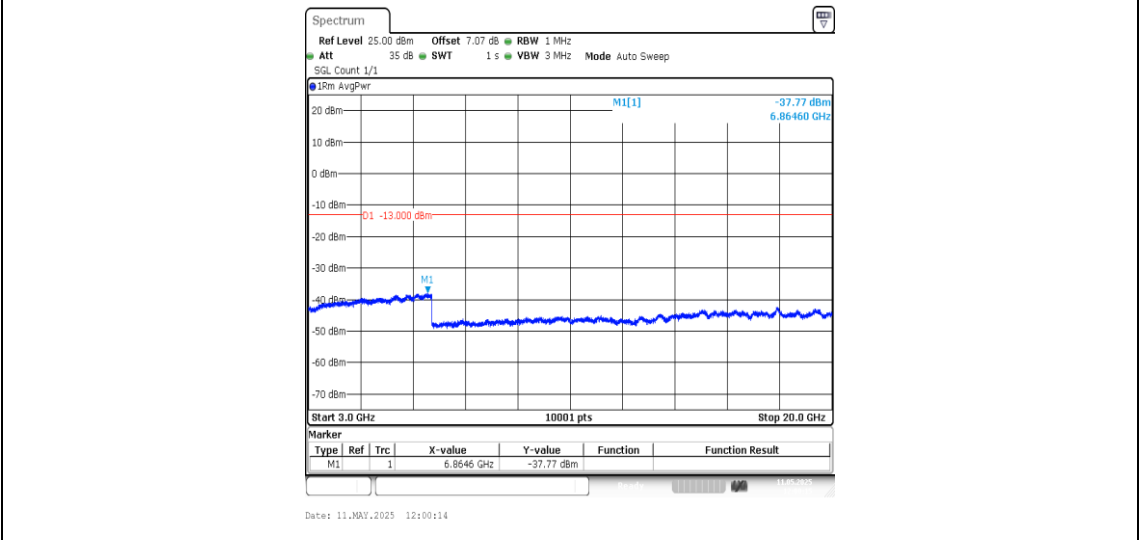
Band4-1312-1-0.15~30MHz-PASS



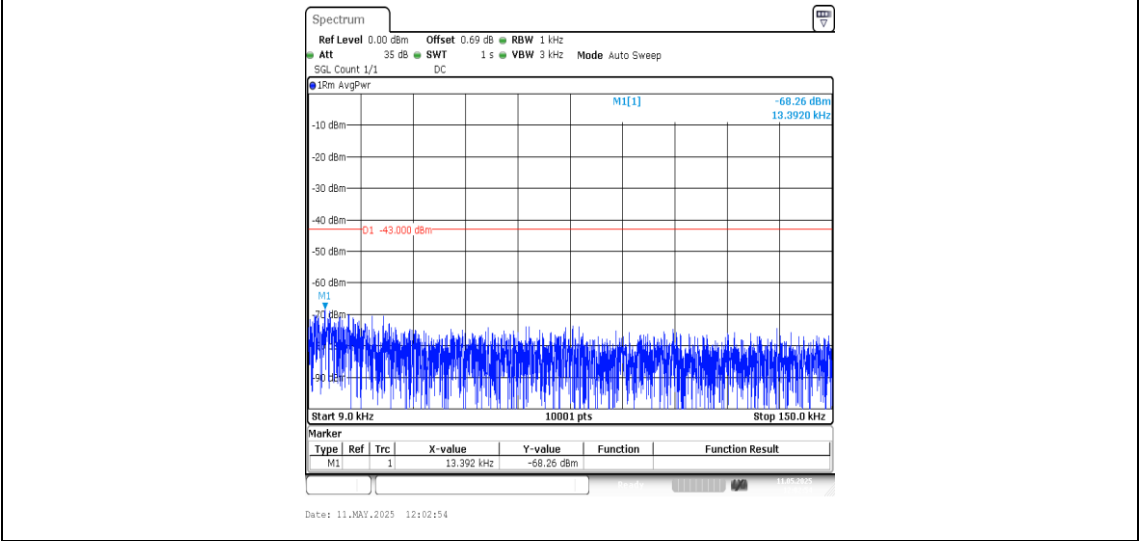
Band4-1312-1-30~1000MHz-PASS



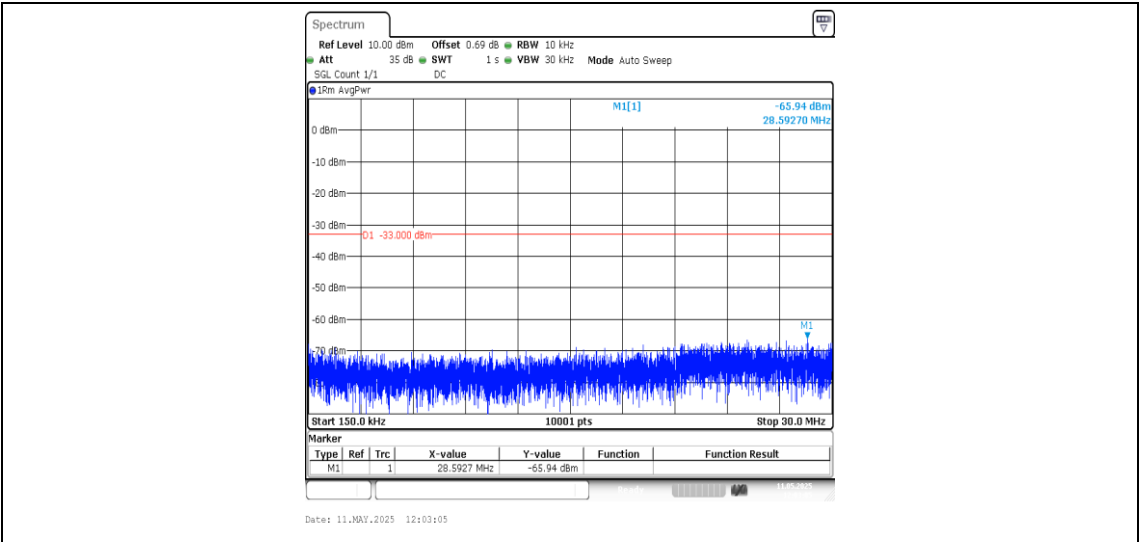
Band4-1312-1-1000~30000MHz-PASS



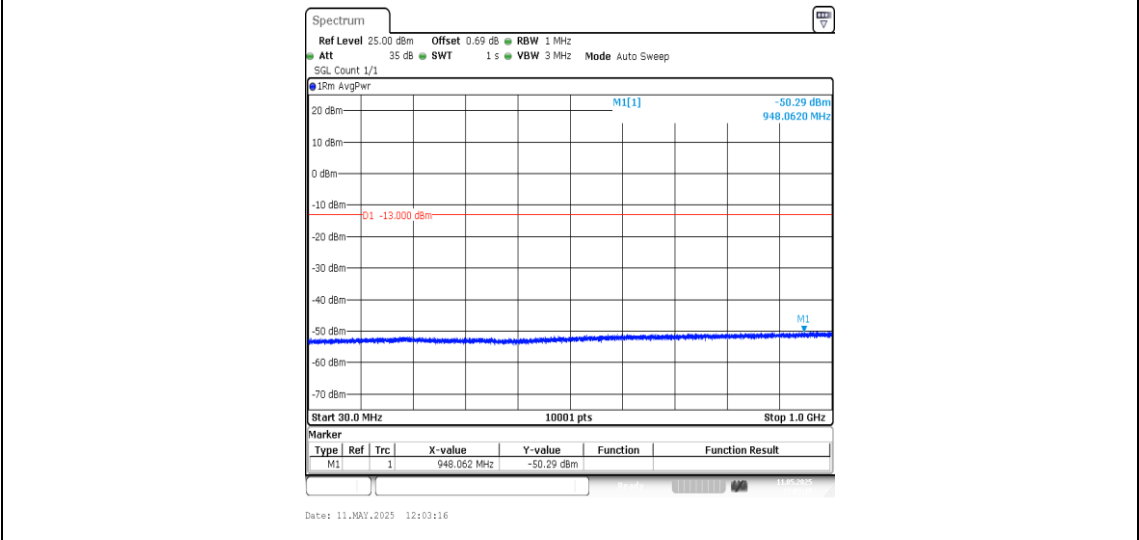
Band4-1312-1-3000~20000MHz-PASS



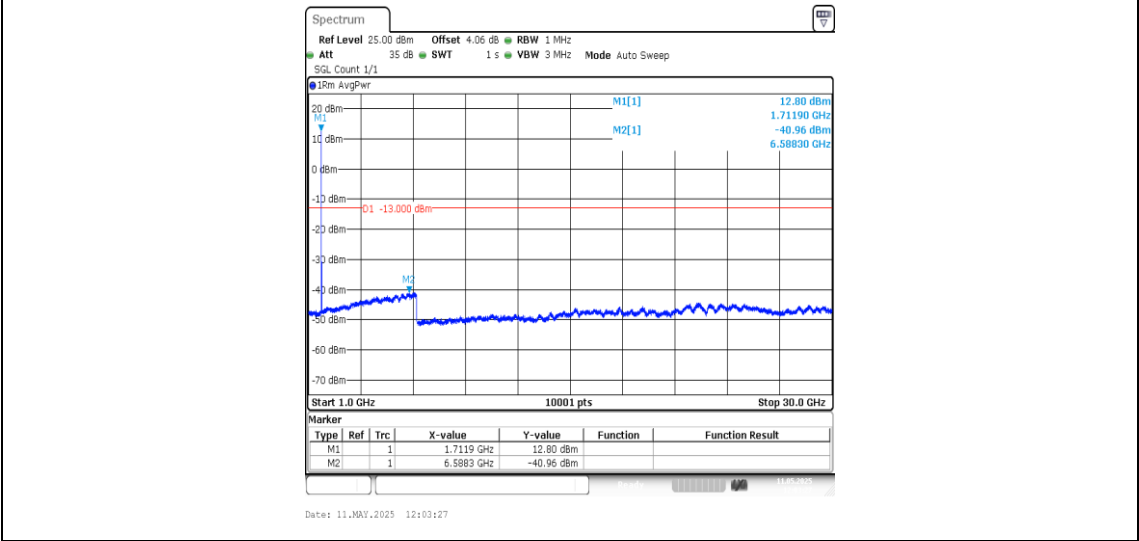
Band4-1312-2-0.009~0.15MHz-PASS



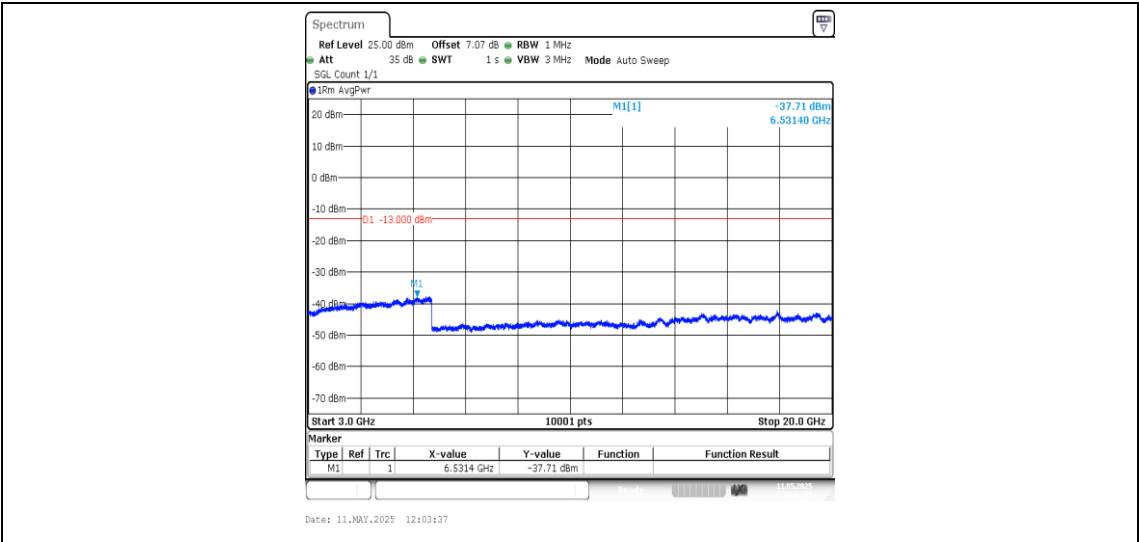
Band4-1312-2-0.15~30MHz-PASS



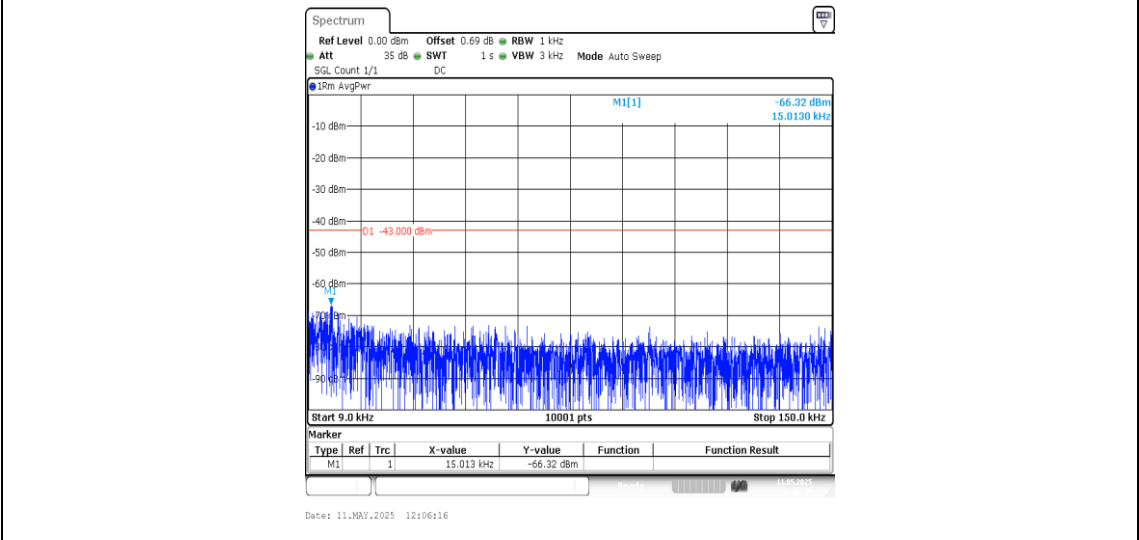
Band4-1312-2-30~1000MHz-PASS



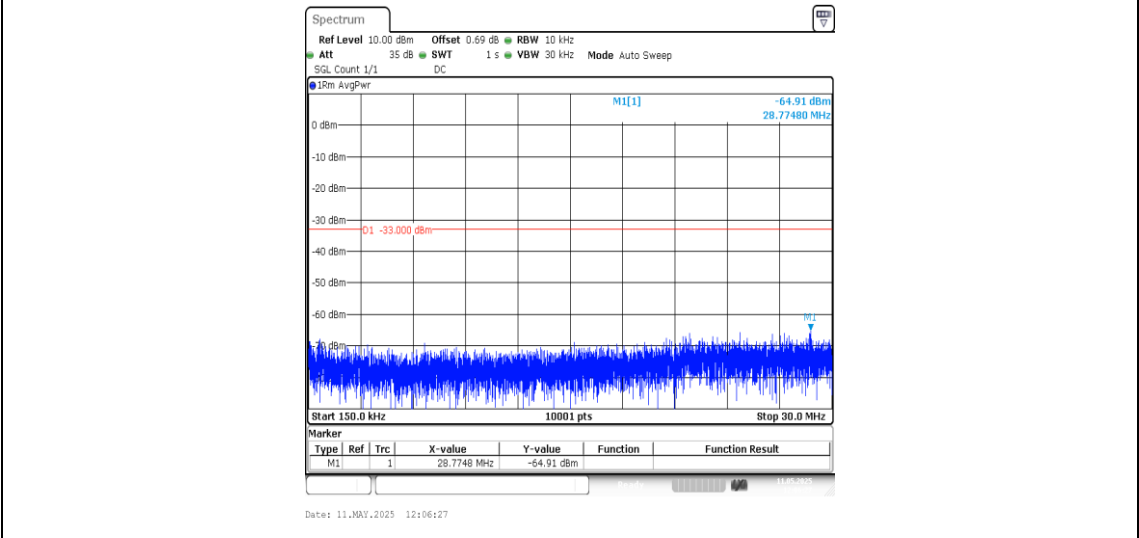
Band4-1312-2-1000~30000MHz-PASS



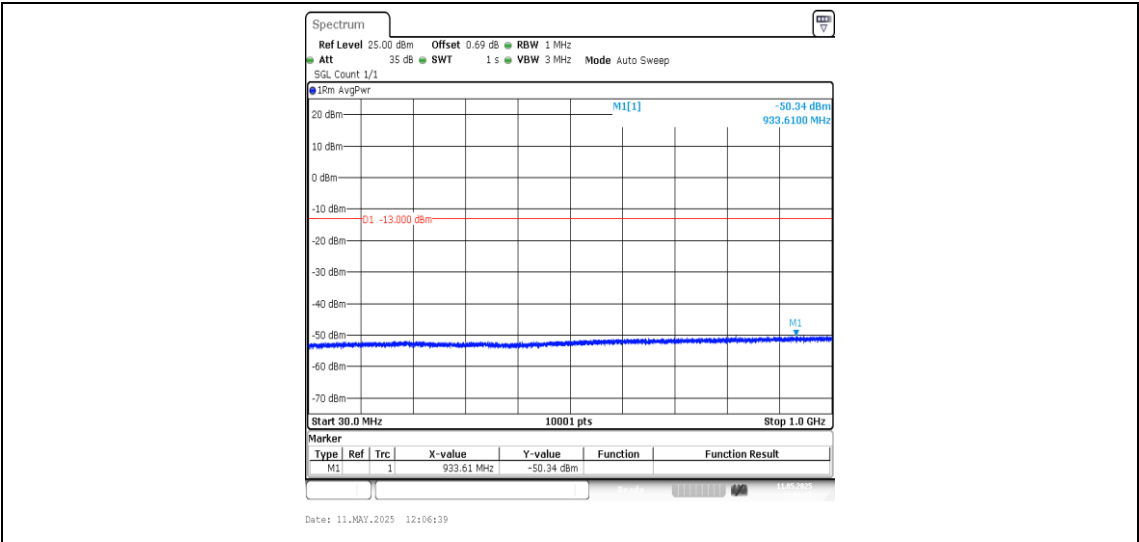
Band4-1312-2-3000~20000MHz-PASS



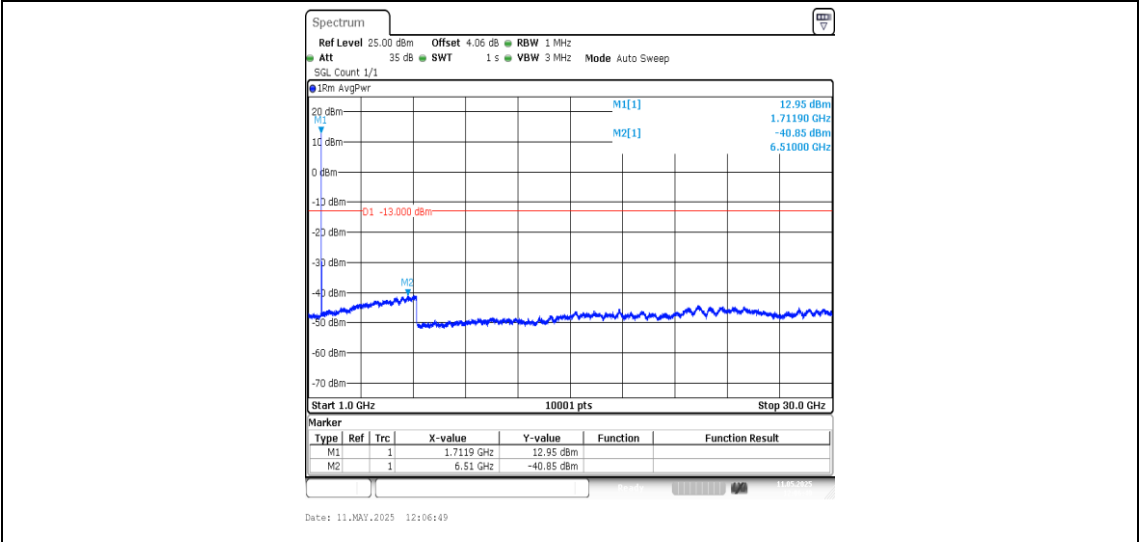
Band4-1312-3-0.009~0.15MHz-PASS



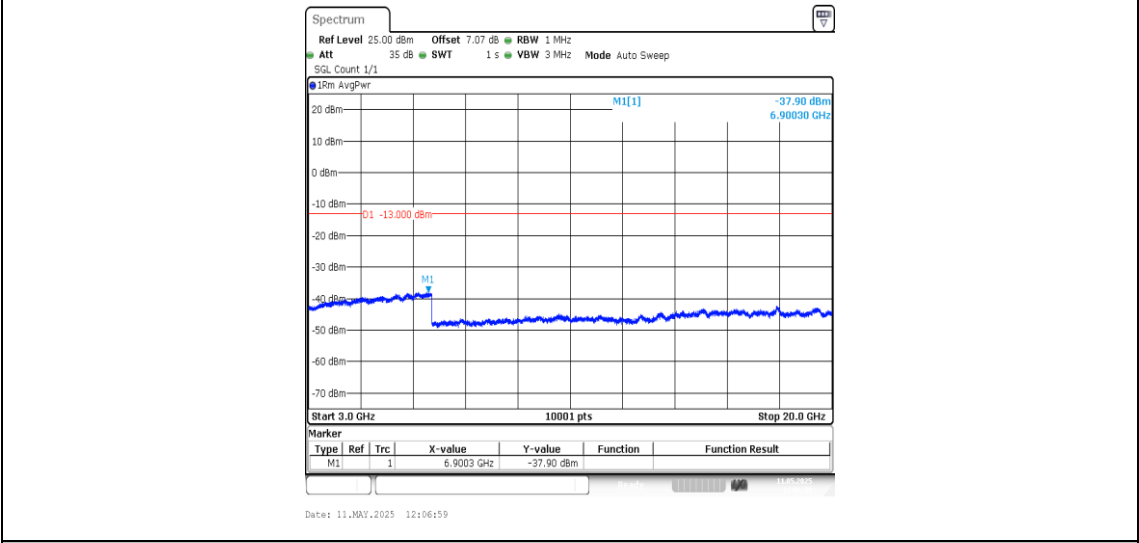
Band4-1312-3-0.15~30MHz-PASS



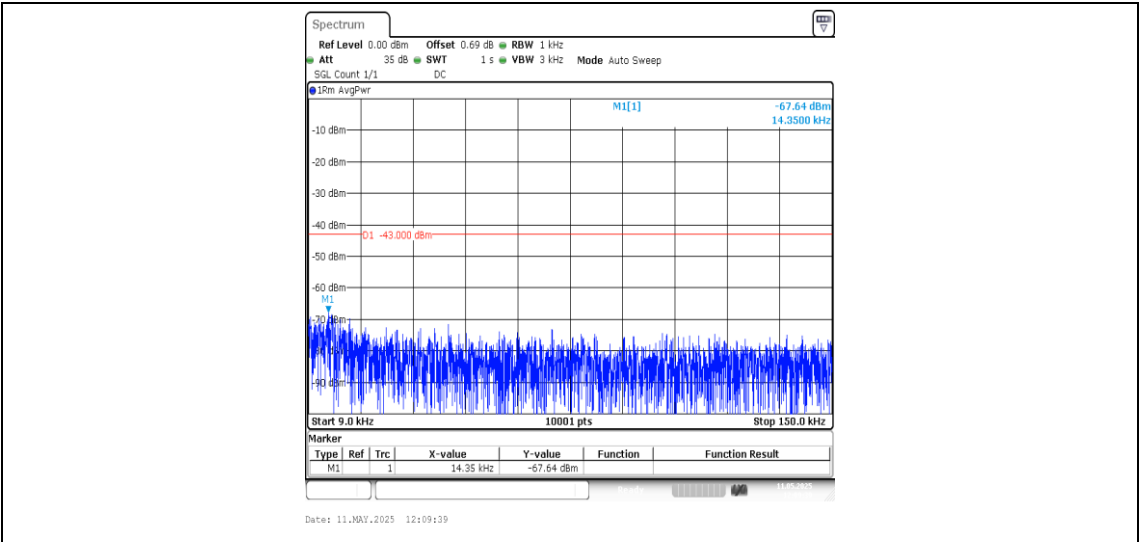
Band4-1312-3-30~1000MHz-PASS



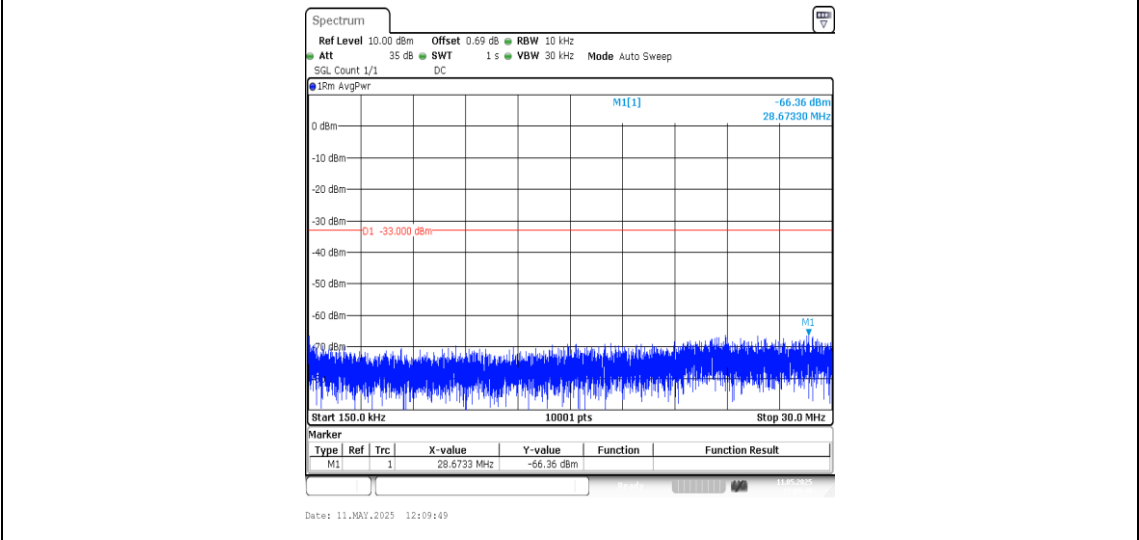
Band4-1312-3-1000~30000MHz-PASS



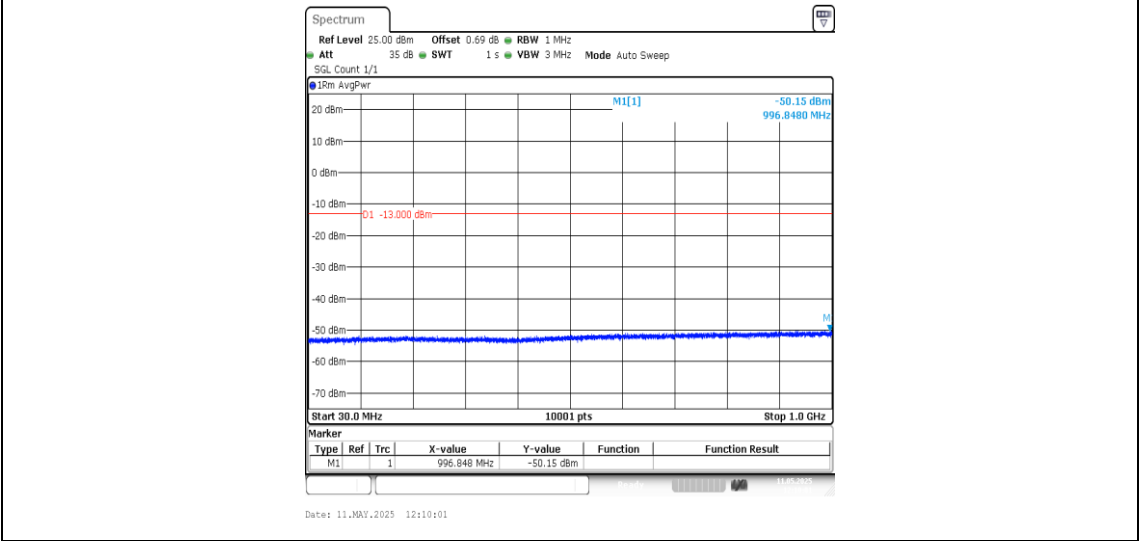
Band4-1312-3-3000~20000MHz-PASS



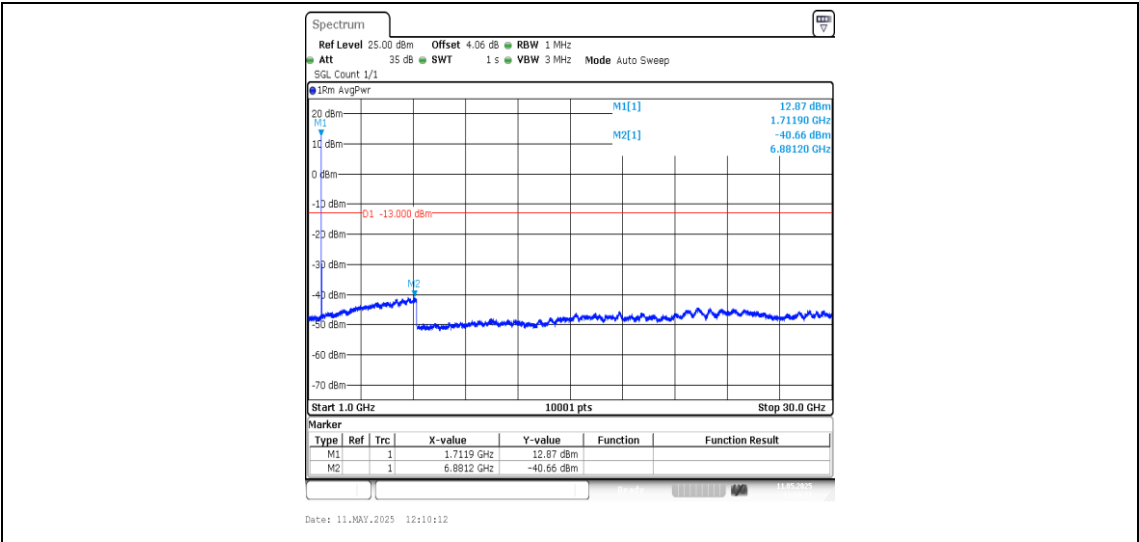
Band4-1312-4-0.009~0.15MHz-PASS



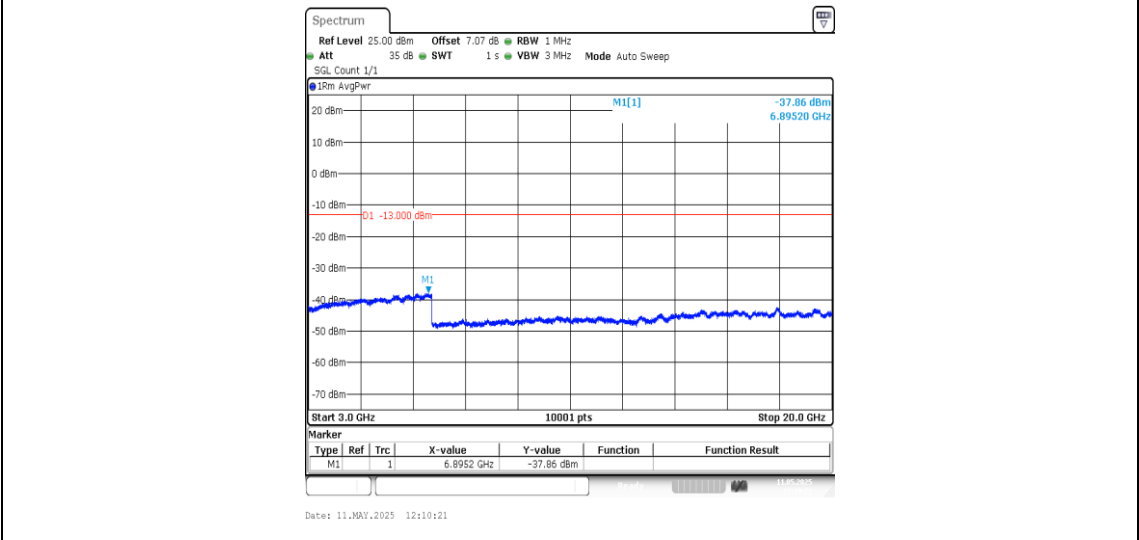
Band4-1312-4-0.15~30MHz-PASS



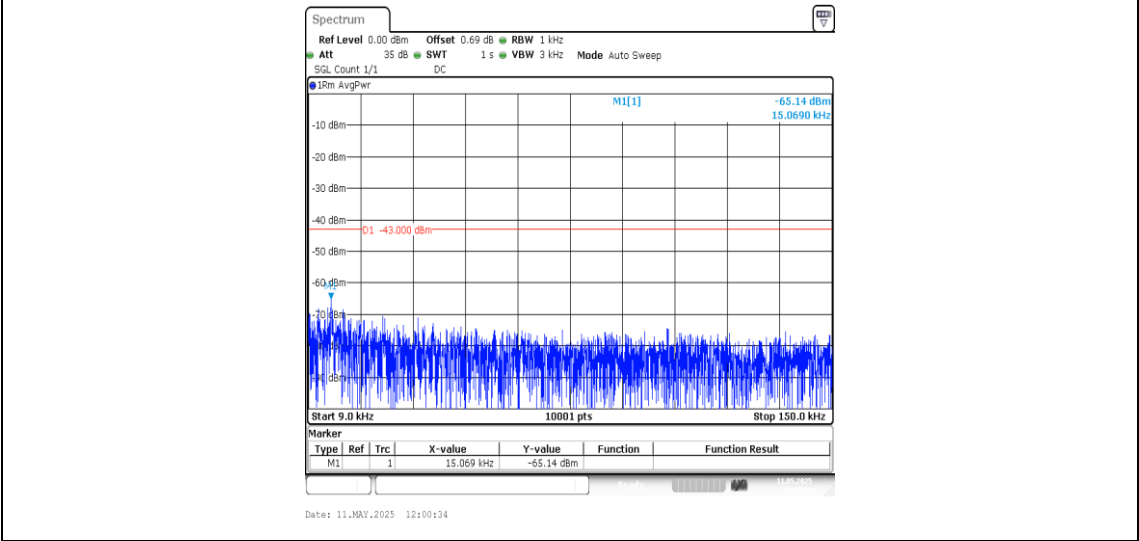
Band4-1312-4-30~1000MHz-PASS



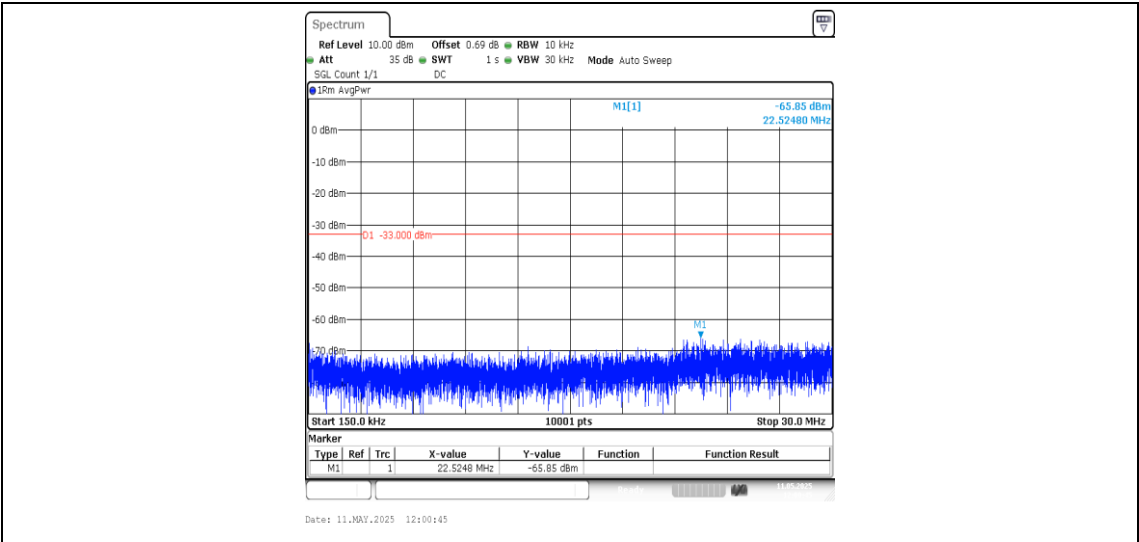
Band4-1312-4-1000-30000MHz-PASS



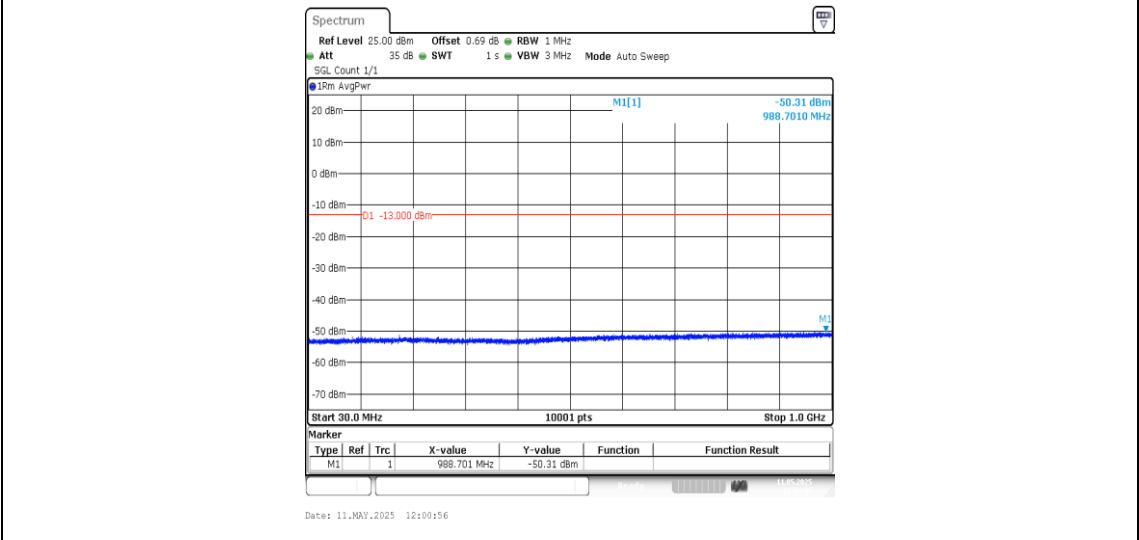
Band4-1312-4-3000-20000MHz-PASS



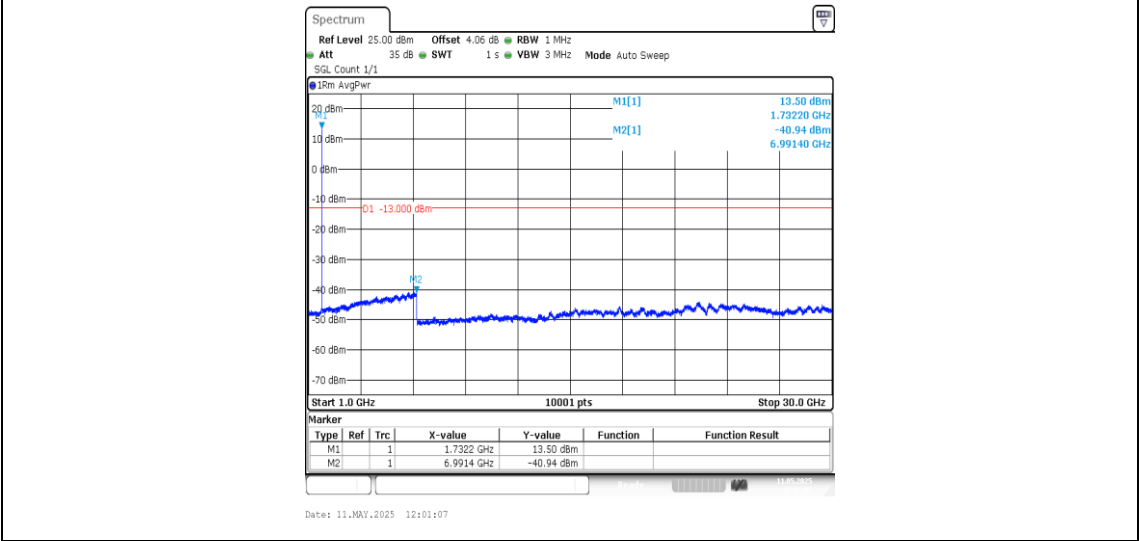
Band4-1413-1-0.009-0.15MHz-PASS



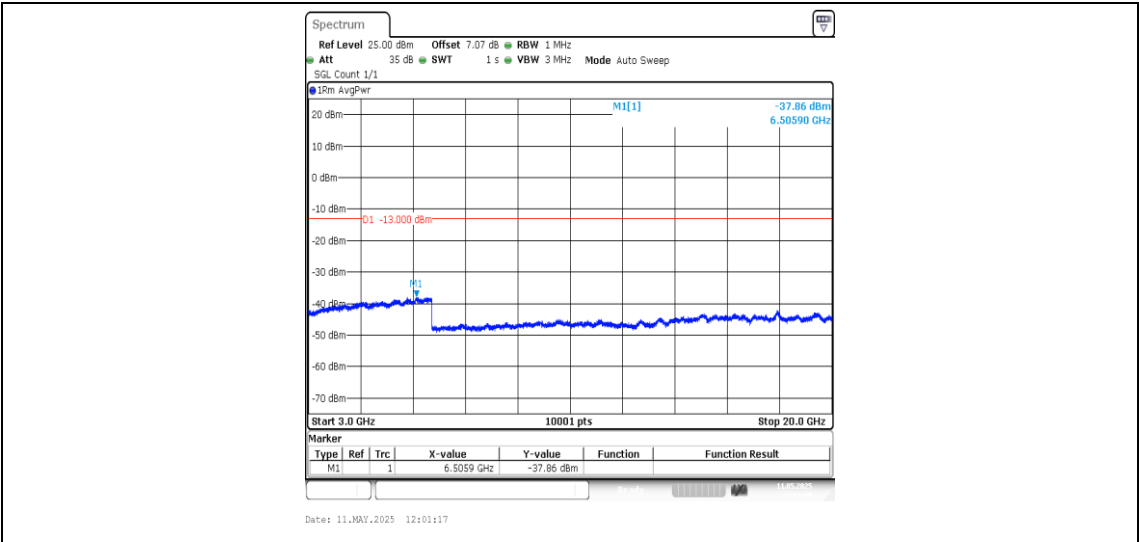
Band4-1413-1-0.15~30MHz-PASS



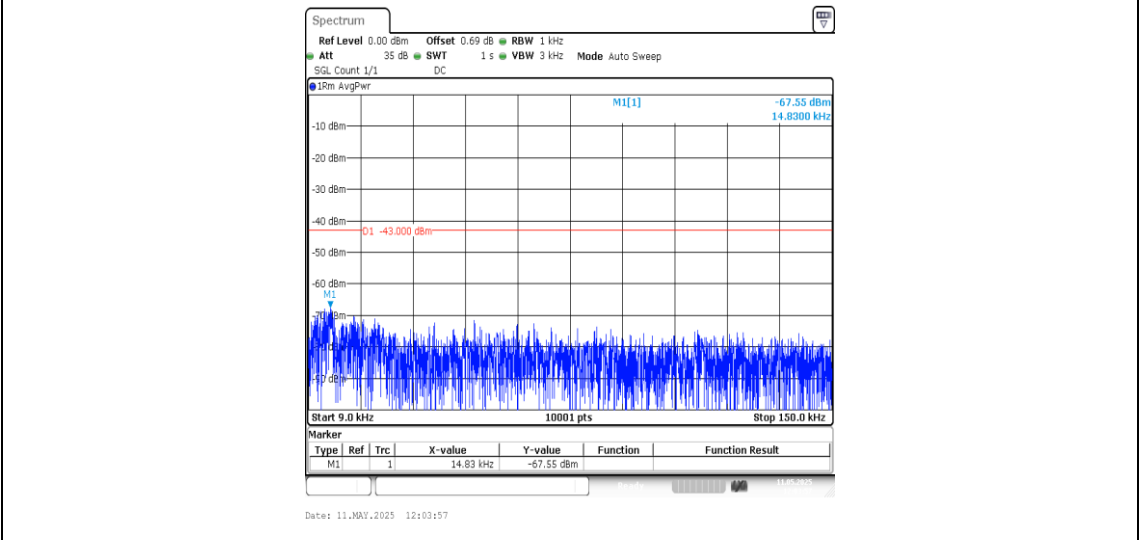
Band4-1413-1-30~1000MHz-PASS



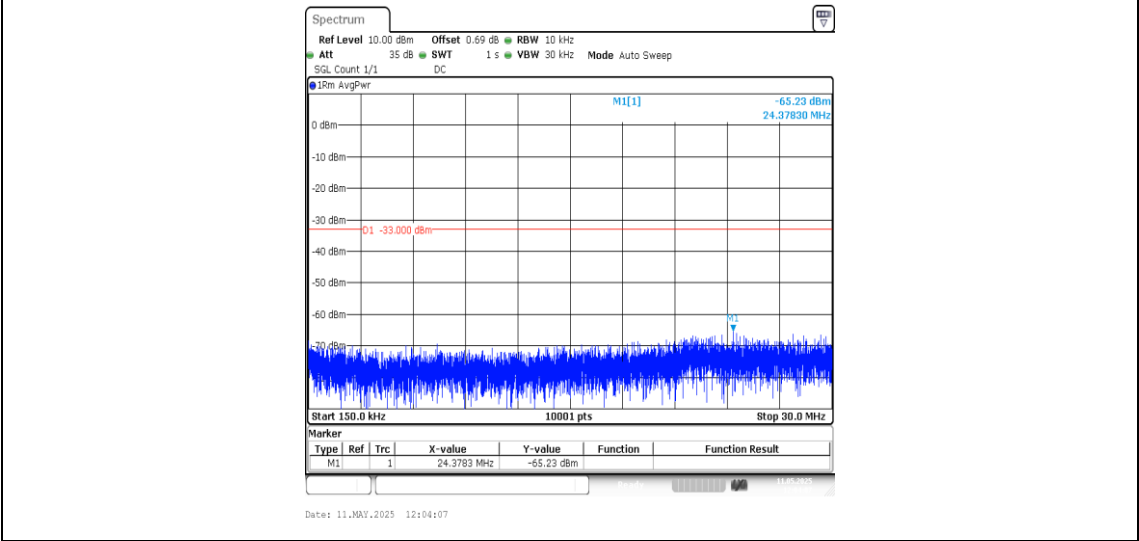
Band4-1413-1-1000~30000MHz-PASS



Band4-1413-1-3000~20000MHz-PASS



Band4-1413-2-0.009~0.15MHz-PASS



Band4-1413-2-0.15~30MHz-PASS