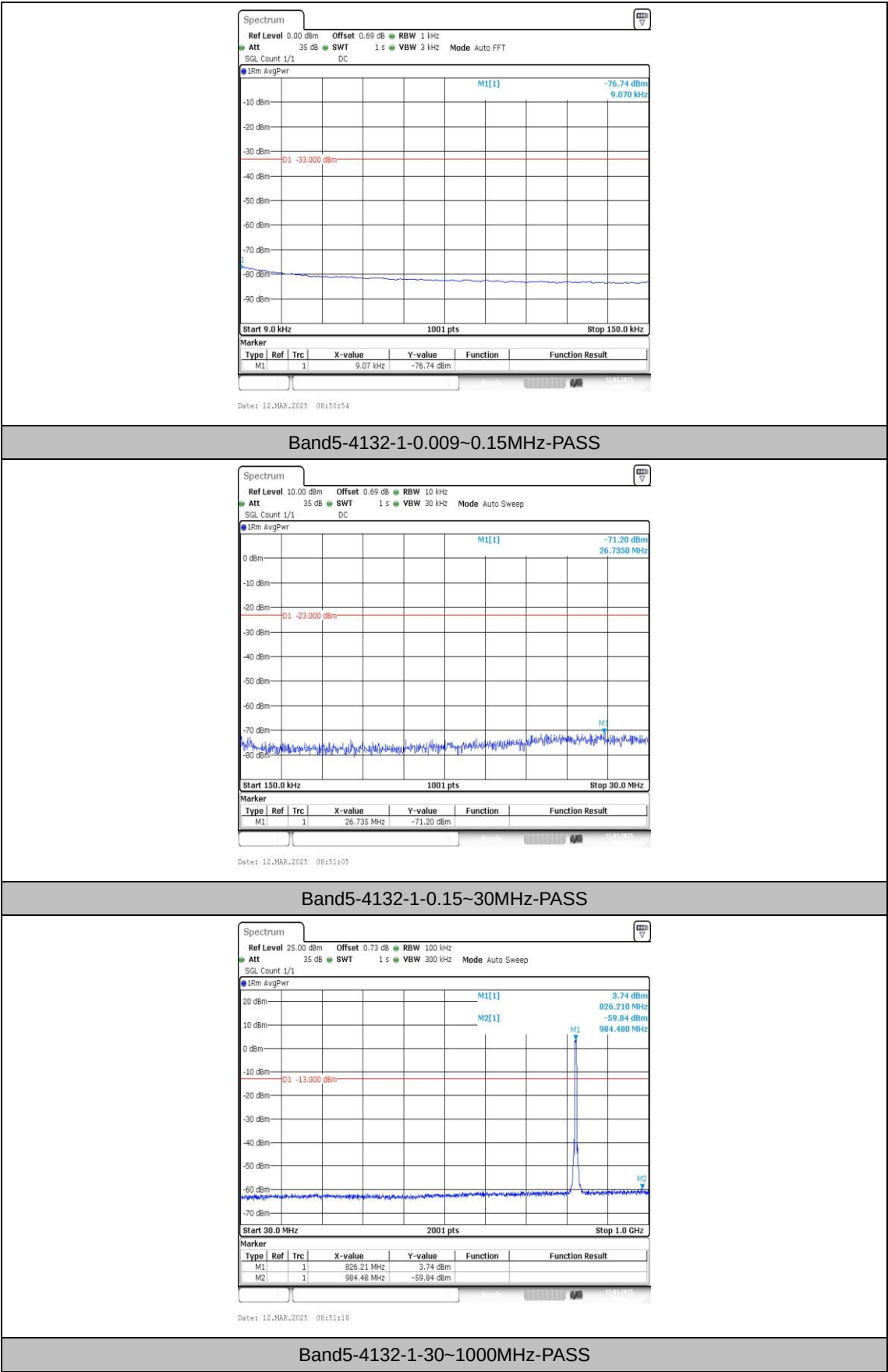
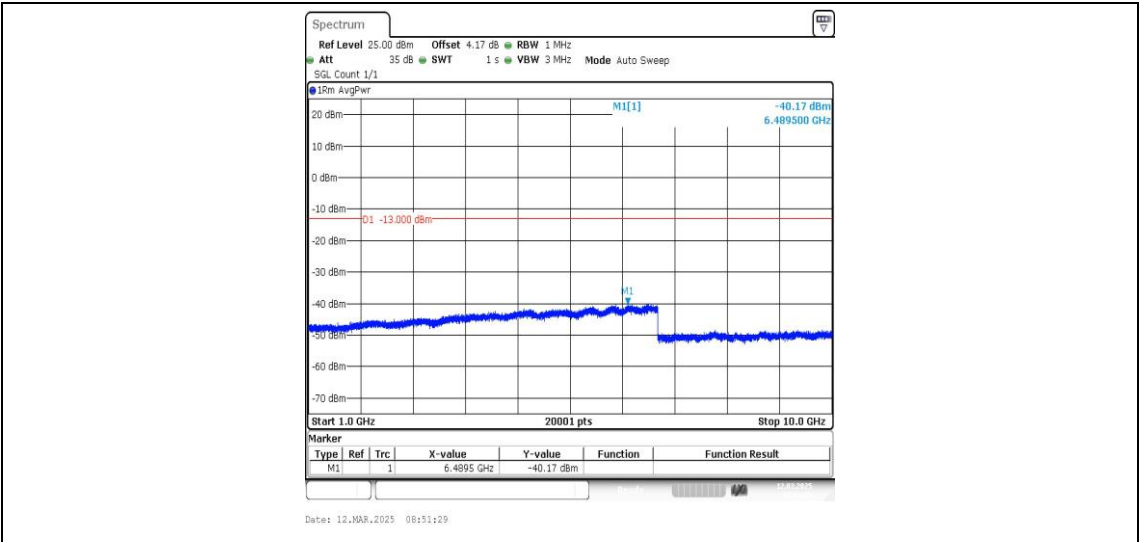
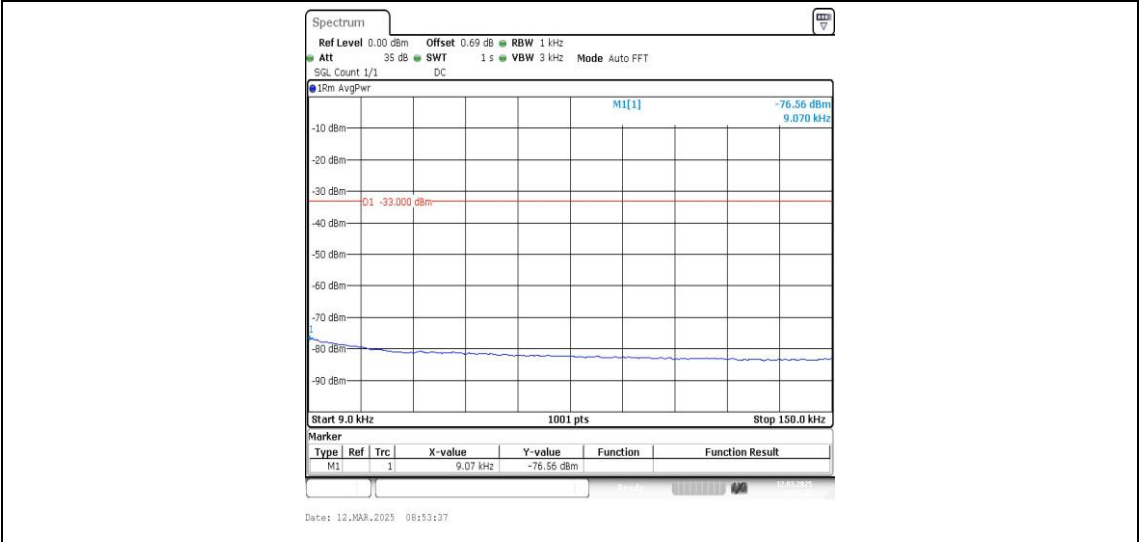


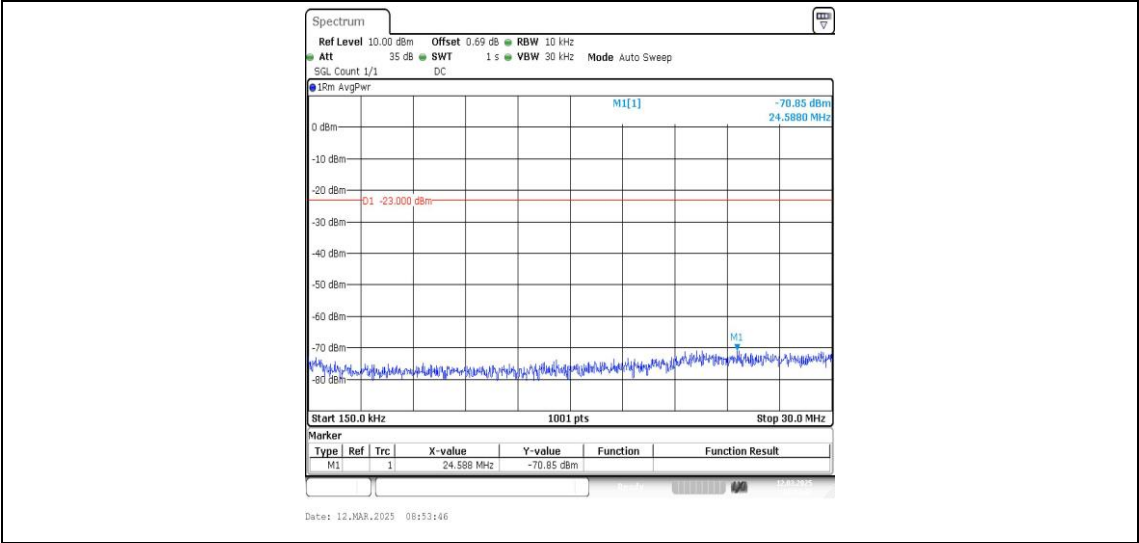




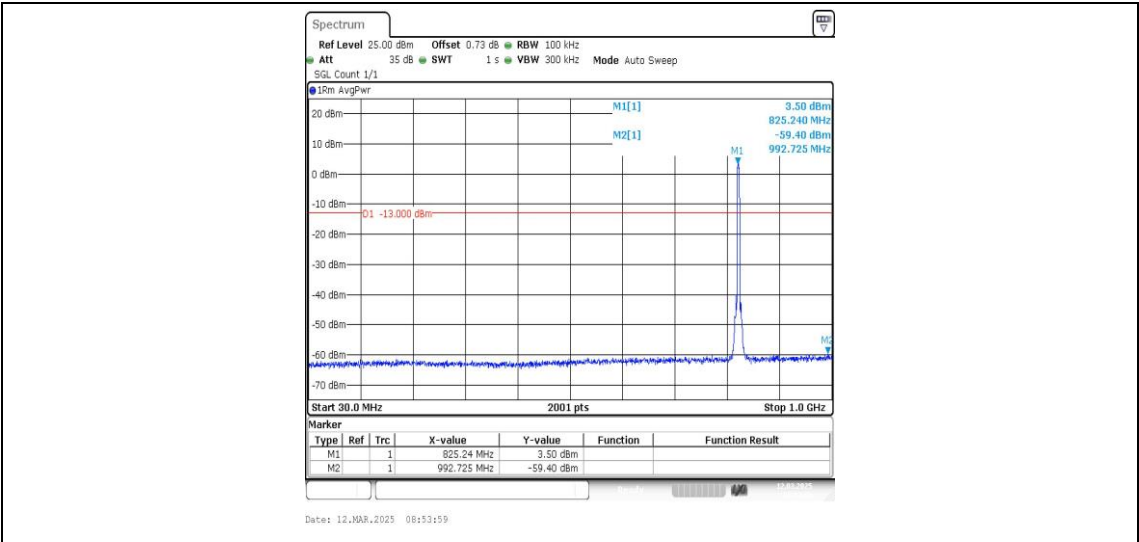
Band5-4132-1-1000~10000MHz-PASS



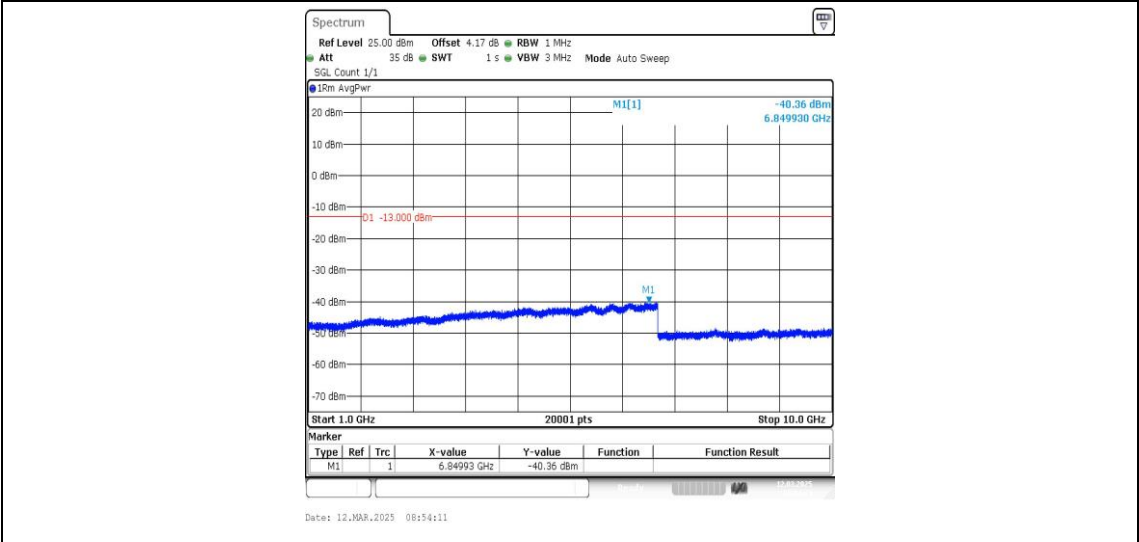
Band5-4132-2-0.009~0.15MHz-PASS



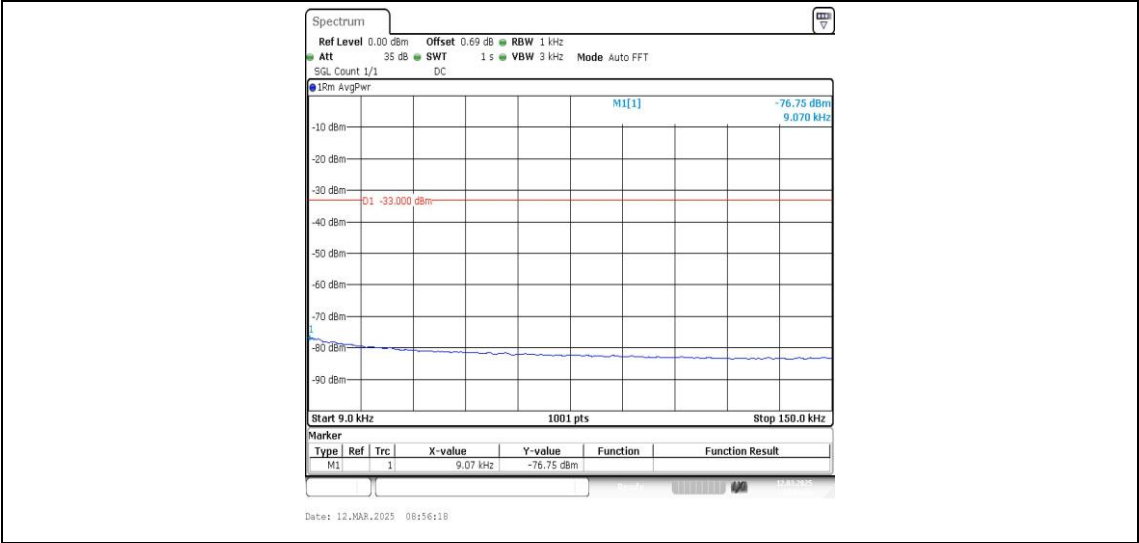
Band5-4132-2-0.15~30MHz-PASS



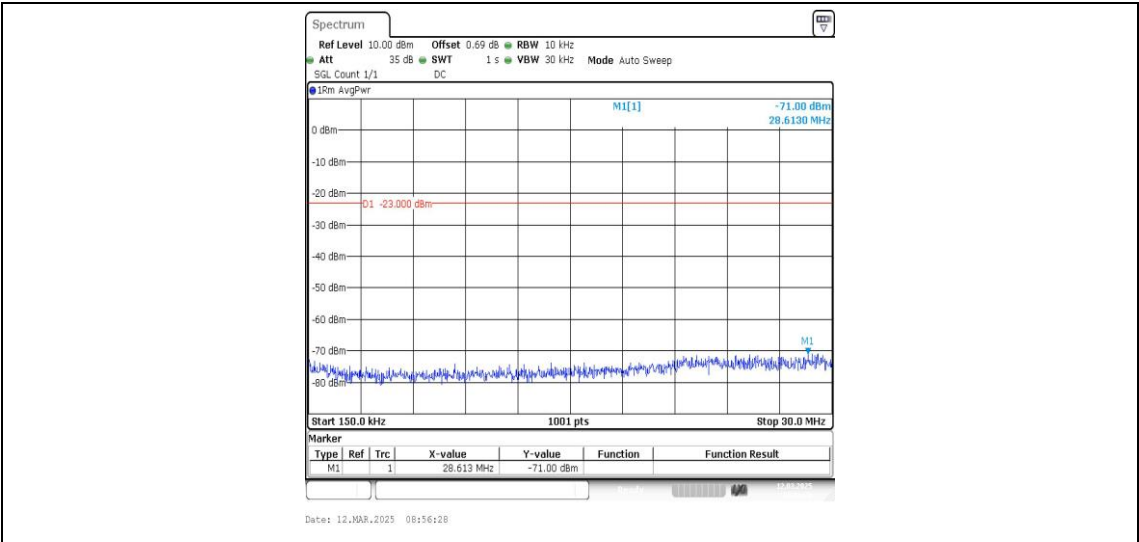
Band5-4132-2-30~1000MHz-PASS



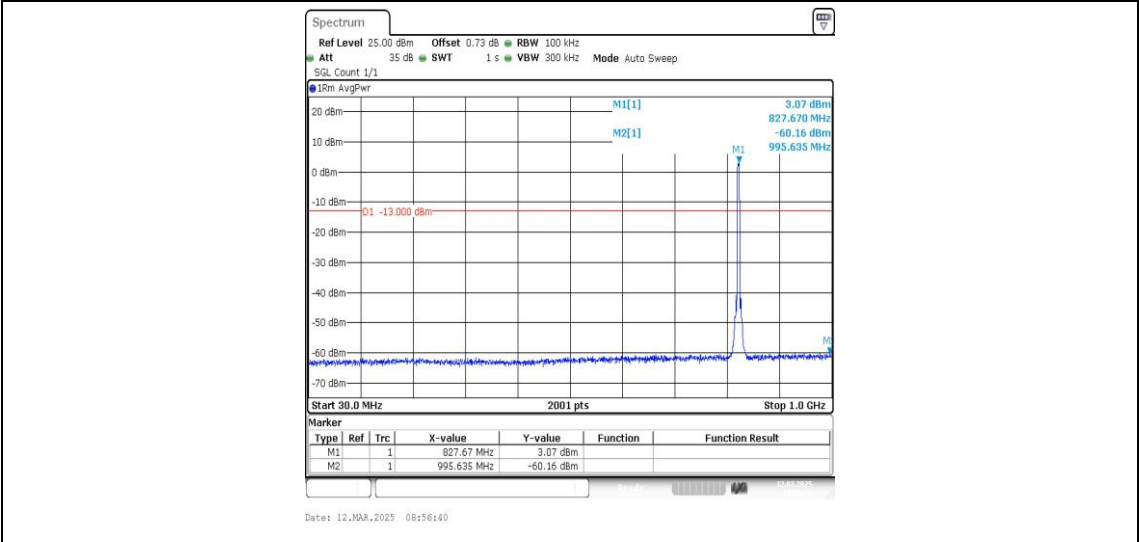
Band5-4132-2-1000~10000MHz-PASS



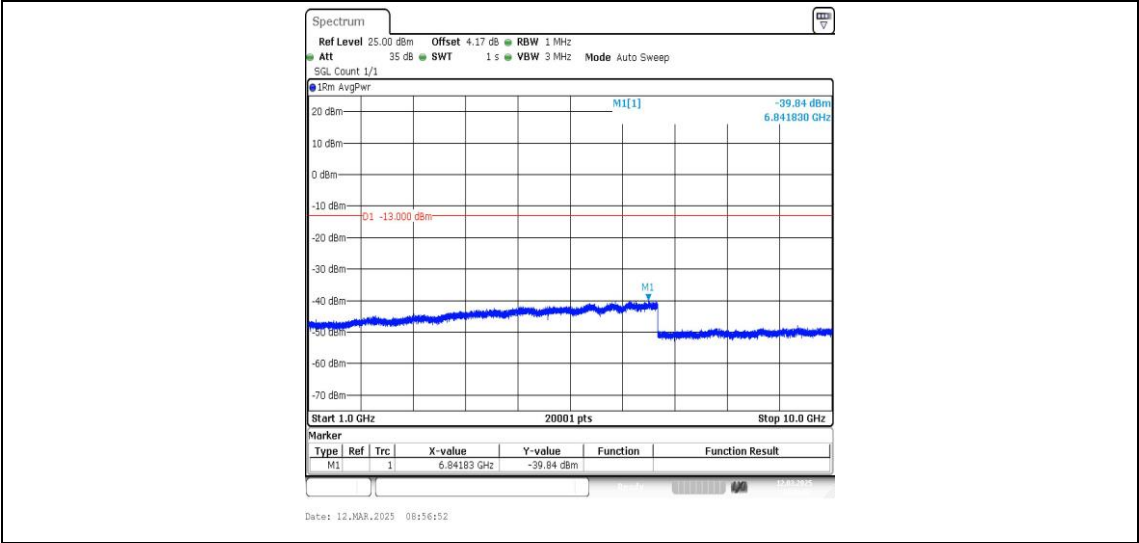
Band5-4132-3-0.009~0.15MHz-PASS



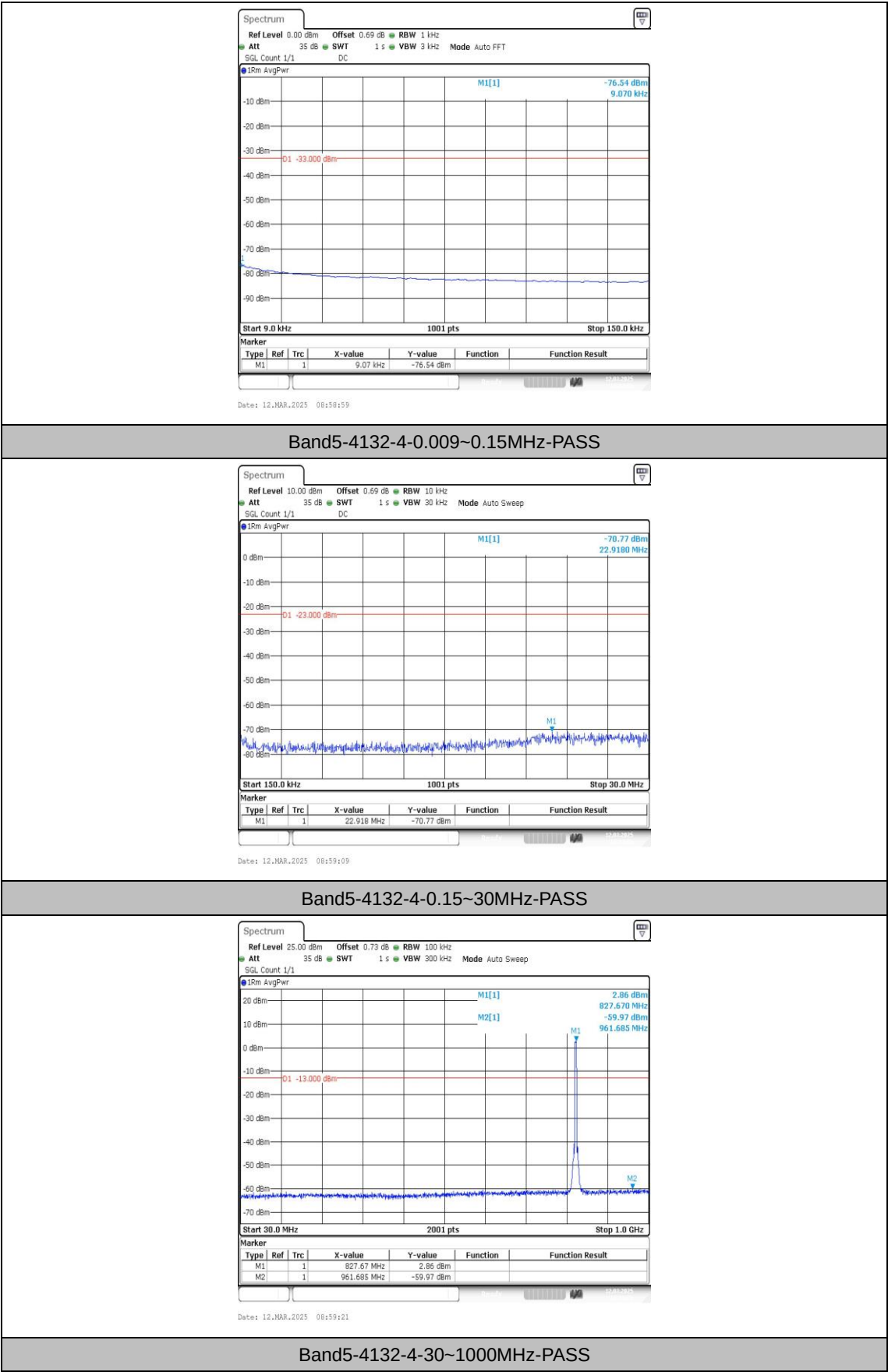
Band5-4132-3-0.15~30MHz-PASS

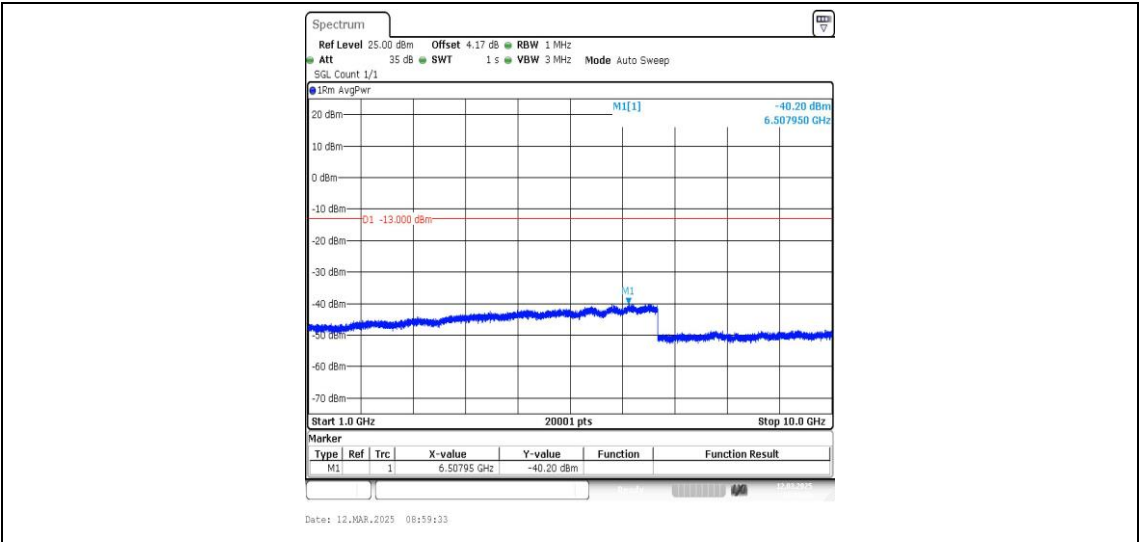


Band5-4132-3-30~1000MHz-PASS

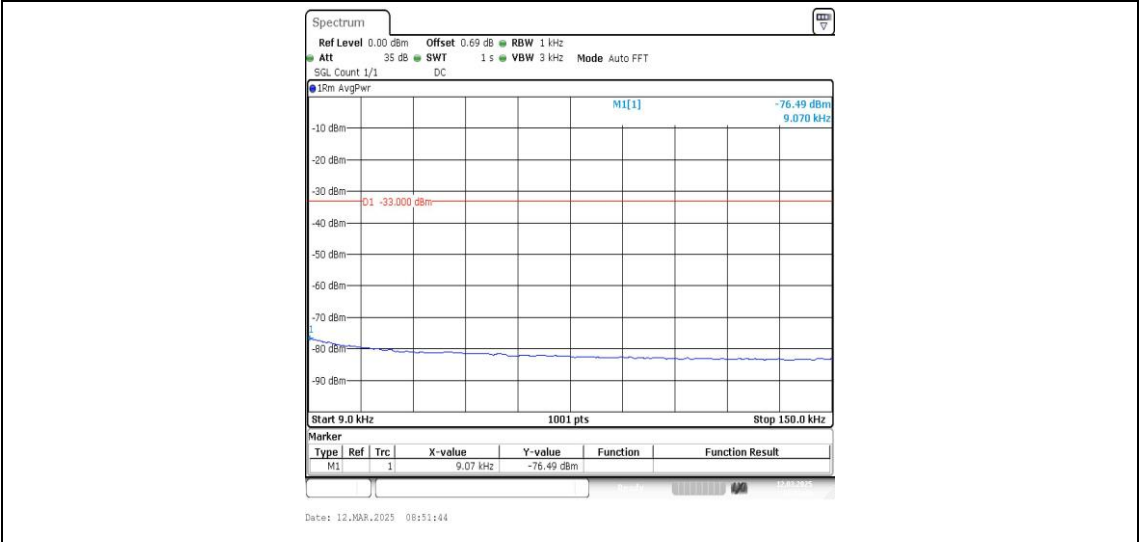


Band5-4132-3-1000~10000MHz-PASS

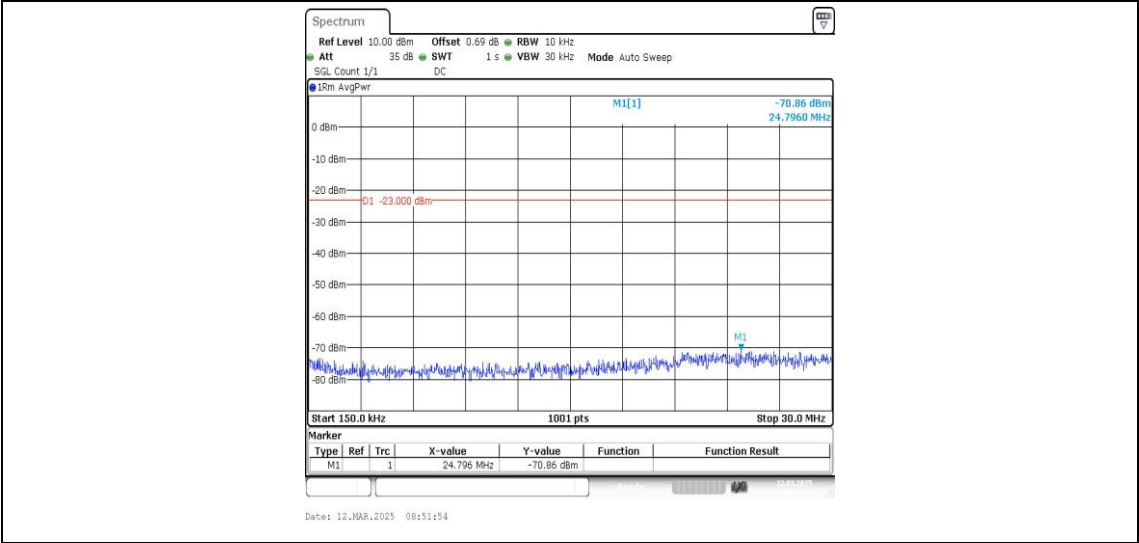




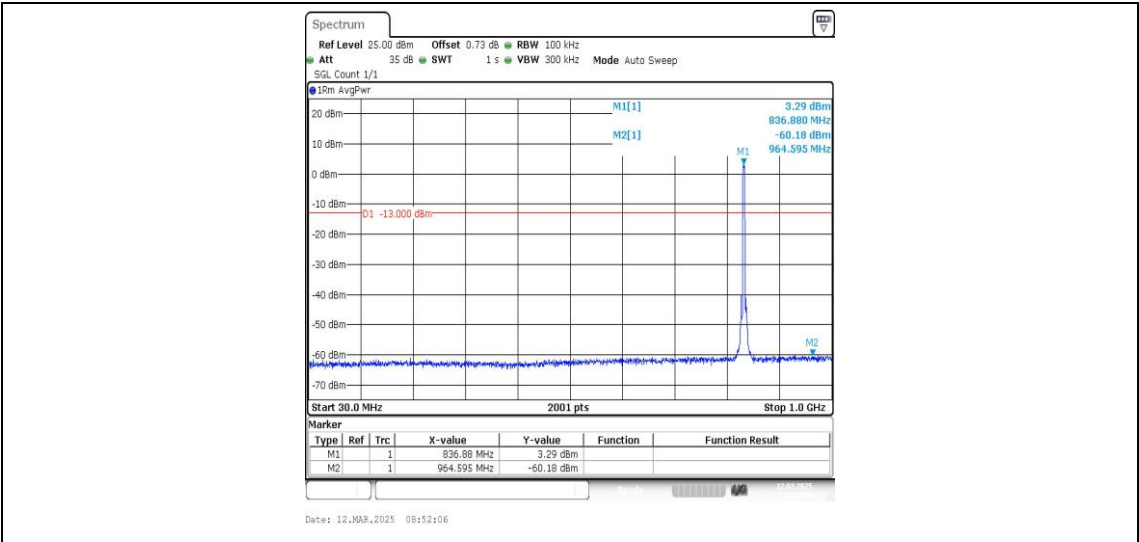
Band5-4132-4-1000~10000MHz-PASS



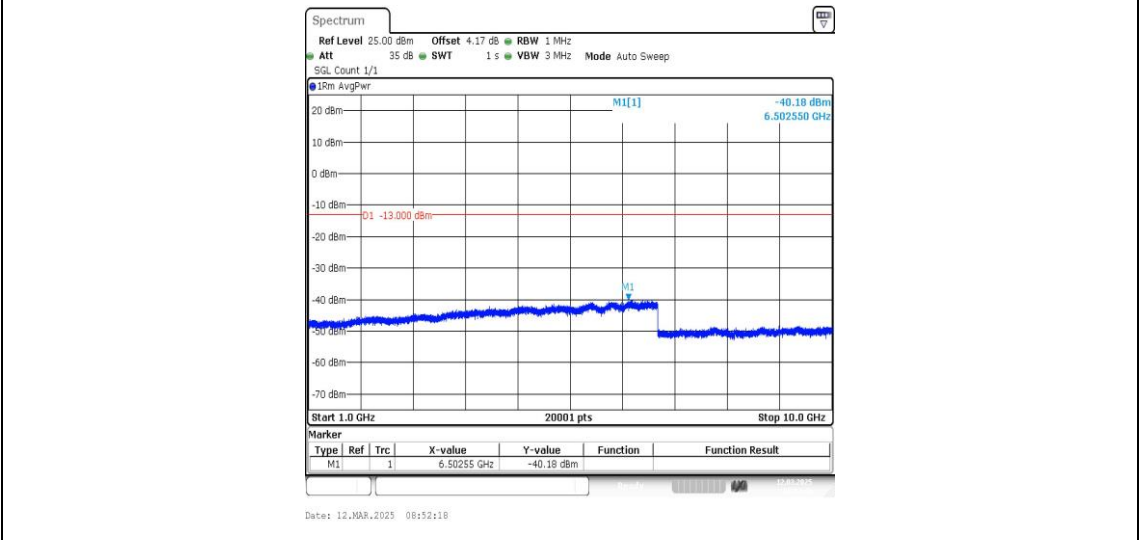
Band5-4182-1-0.009~0.15MHz-PASS



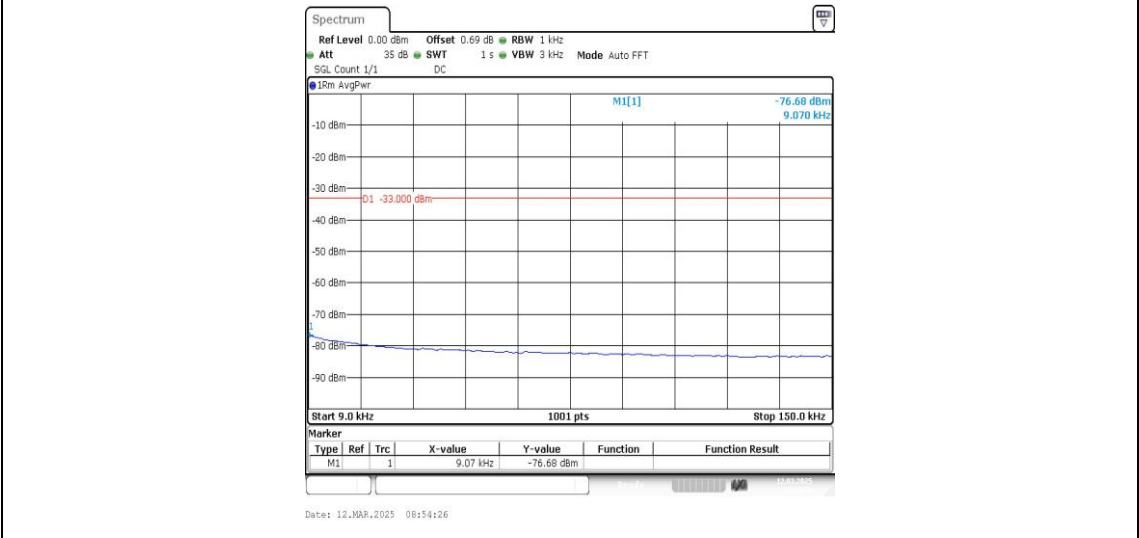
Band5-4182-1-0.15~30MHz-PASS



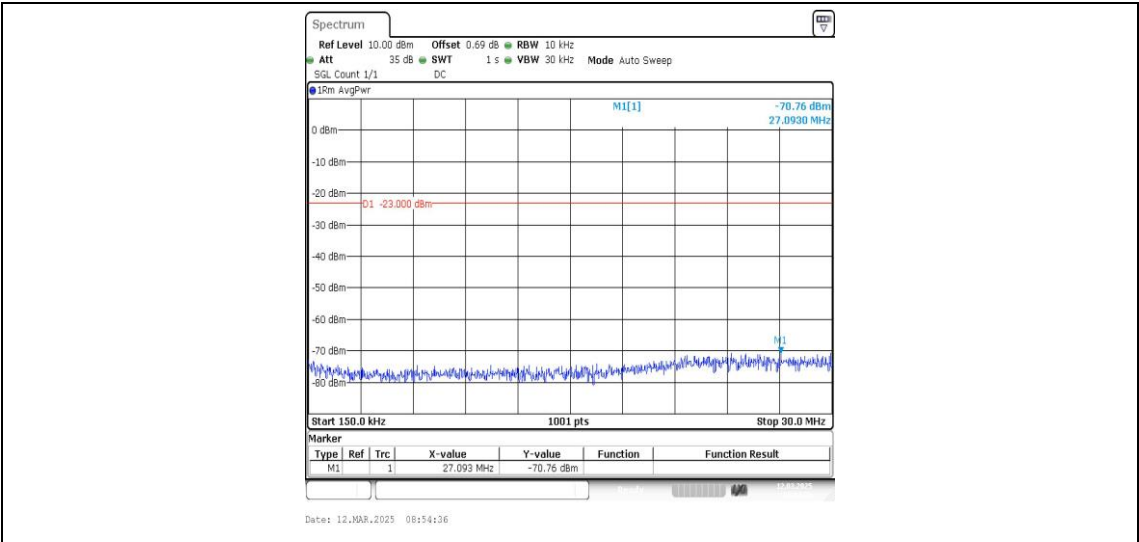
Band5-4182-1-30~1000MHz-PASS



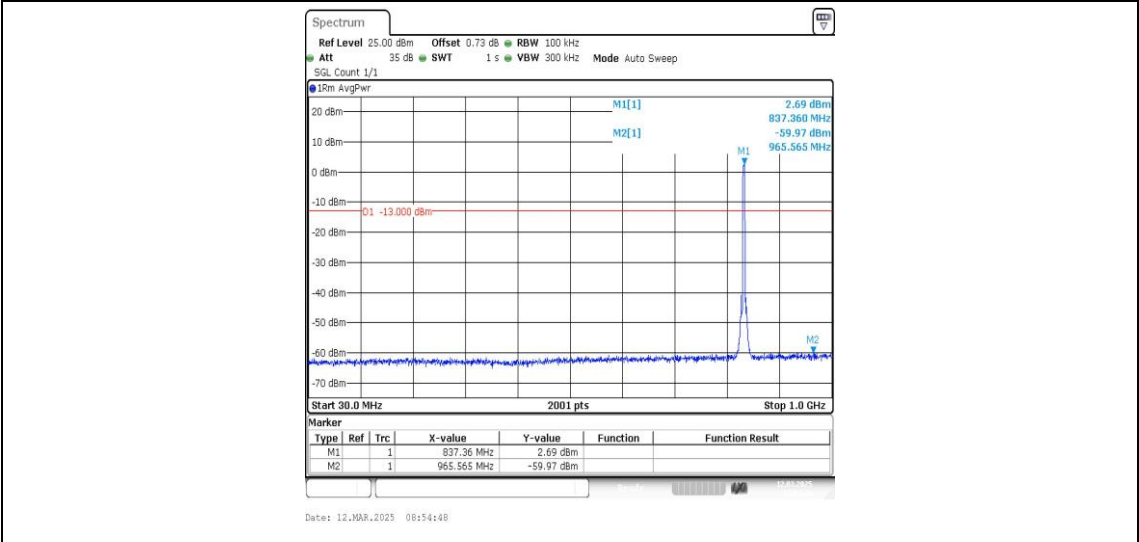
Band5-4182-1-1000~10000MHz-PASS



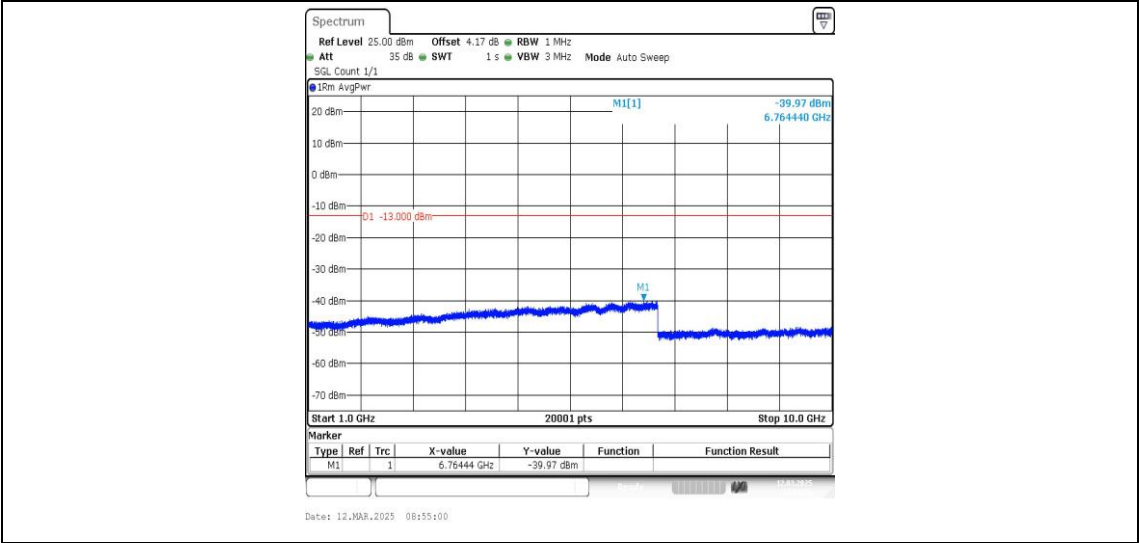
Band5-4182-2-0.009~0.15MHz-PASS



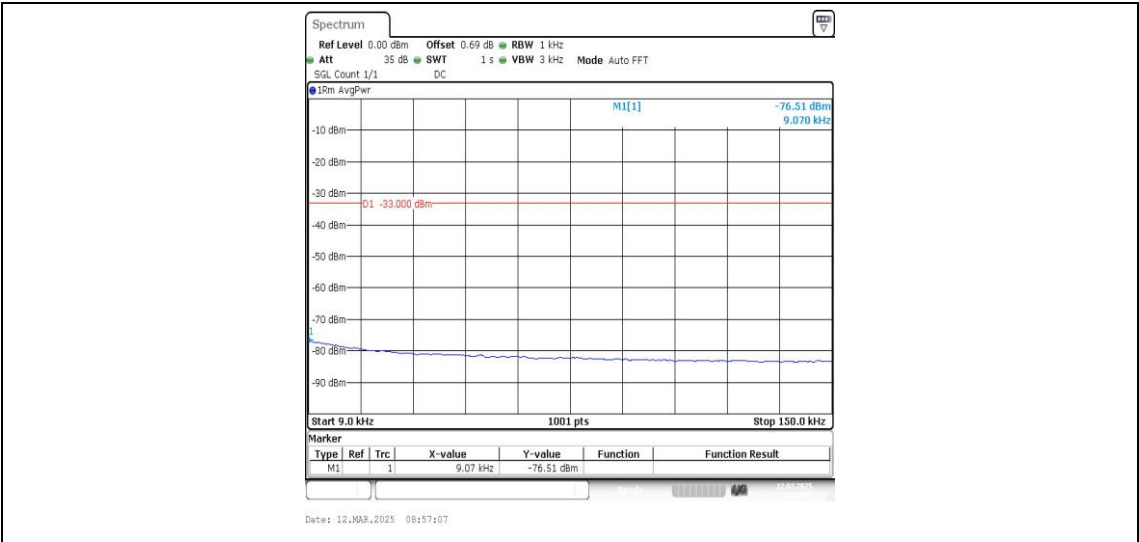
Band5-4182-2-0.15~30MHz-PASS



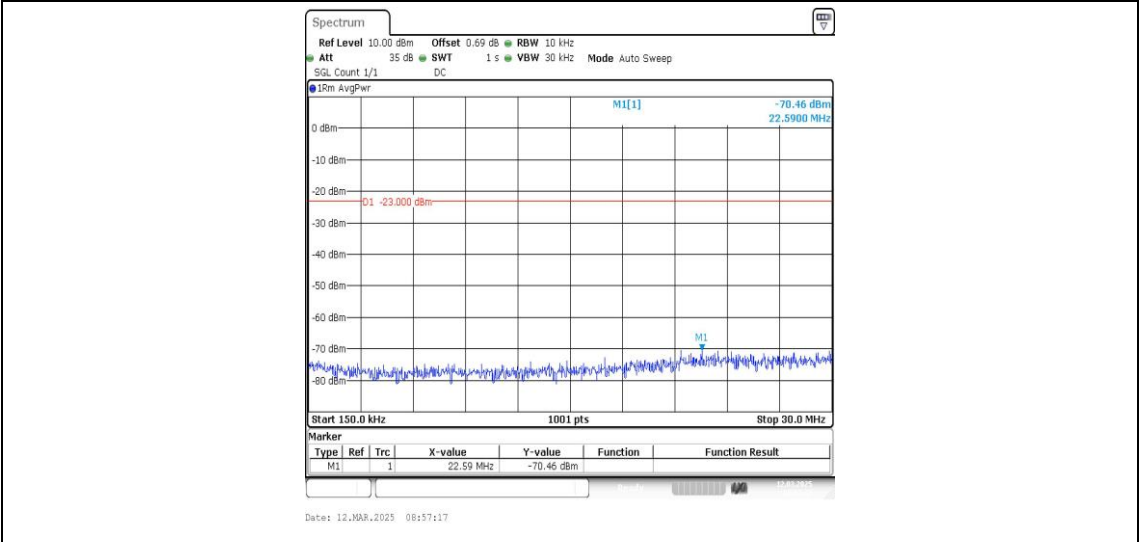
Band5-4182-2-30~1000MHz-PASS



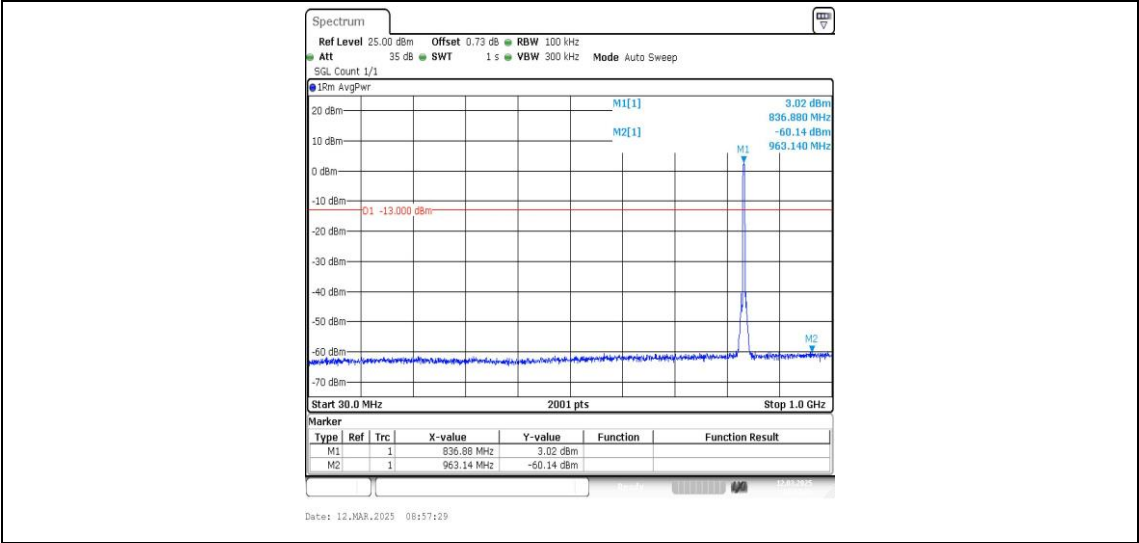
Band5-4182-2-1000~10000MHz-PASS



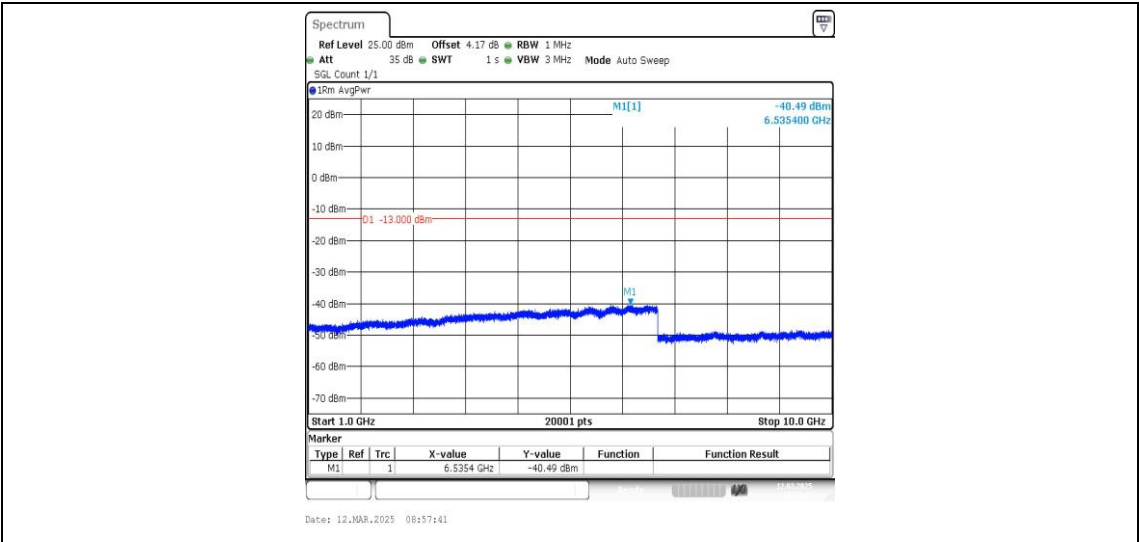
Band5-4182-3-0.009~0.15MHz-PASS



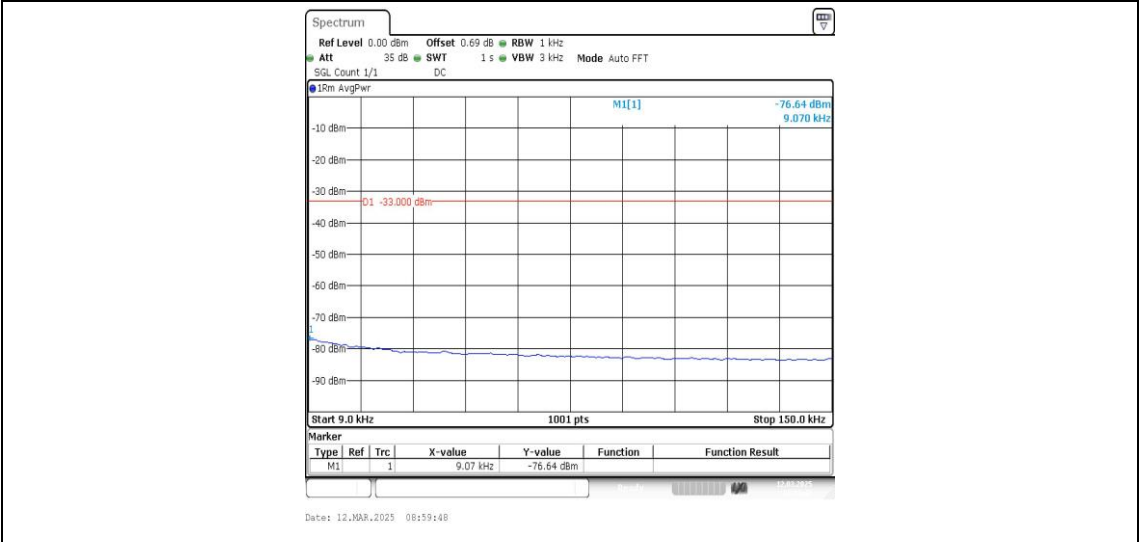
Band5-4182-3-0.15~30MHz-PASS



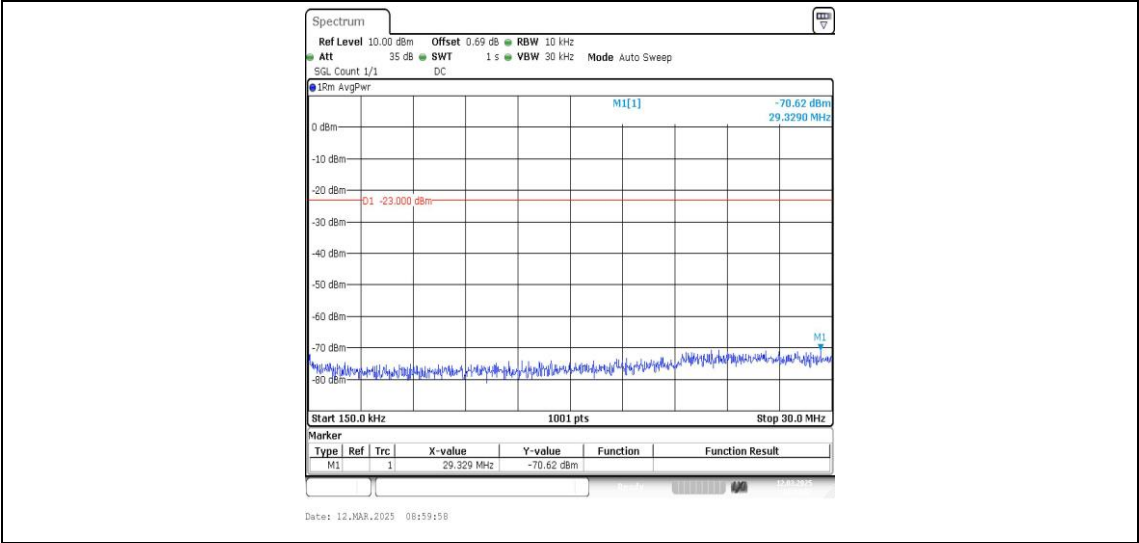
Band5-4182-3-30~1000MHz-PASS



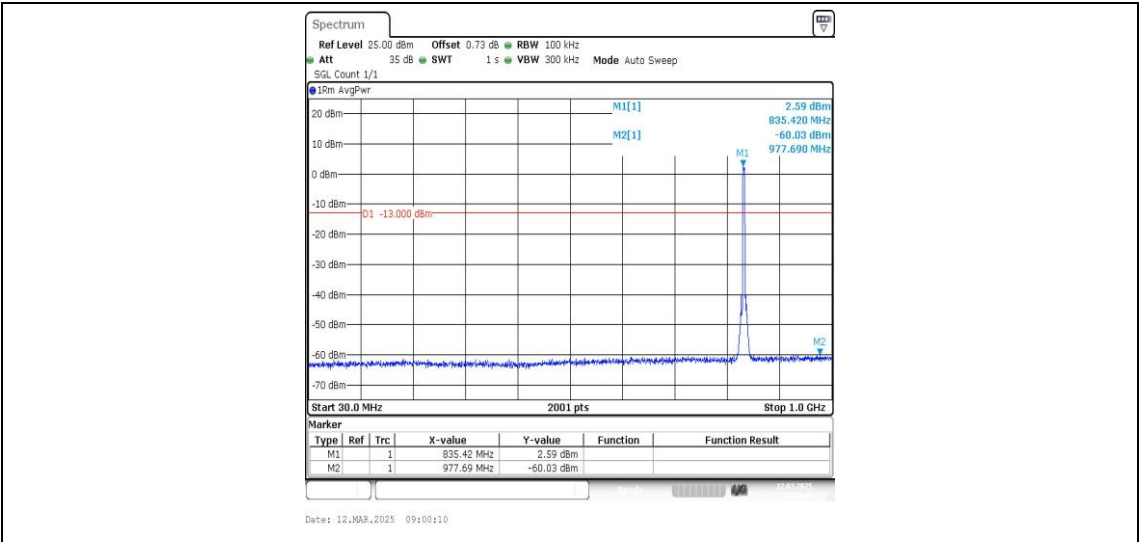
Band5-4182-3-1000~10000MHz-PASS



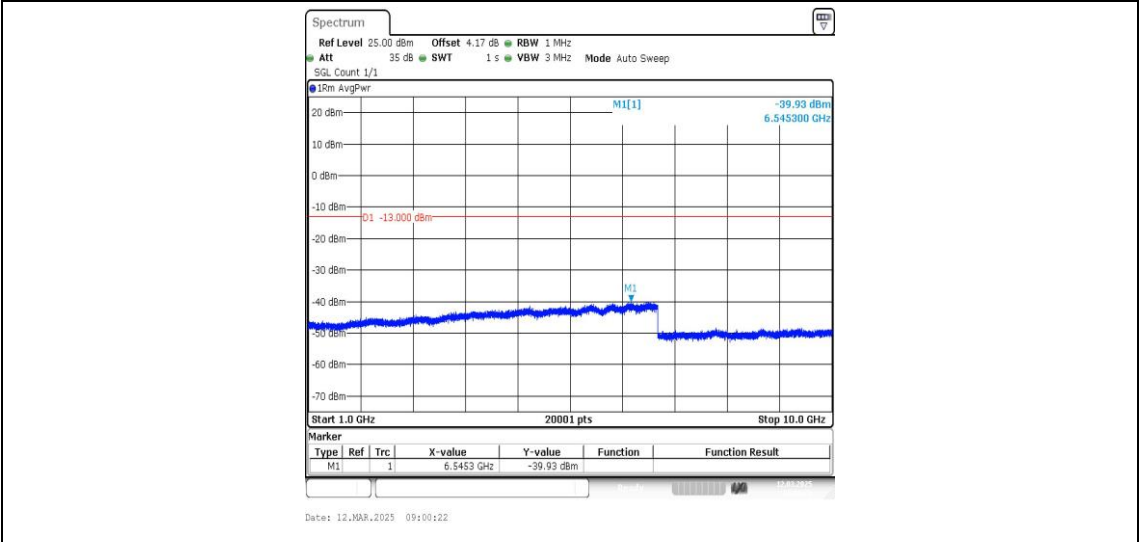
Band5-4182-4-0.009~0.15MHz-PASS



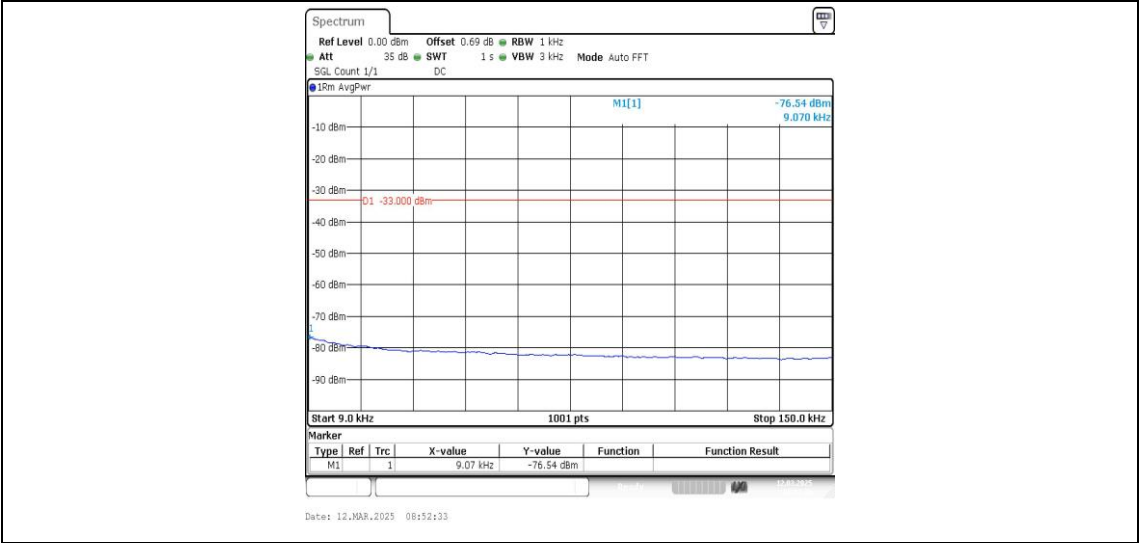
Band5-4182-4-0.15~30MHz-PASS



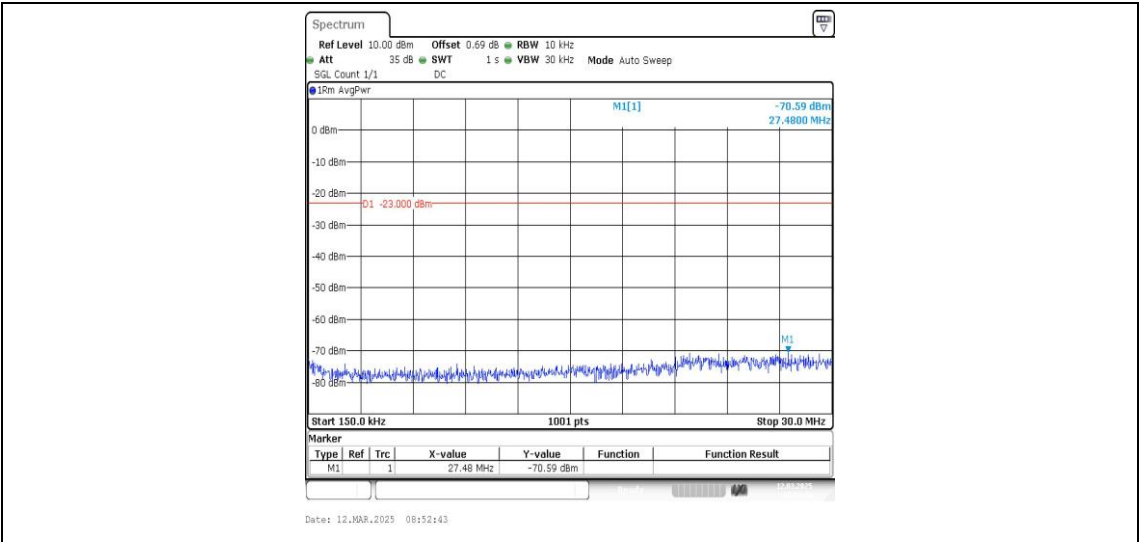
Band5-4182-4-30~1000MHz-PASS



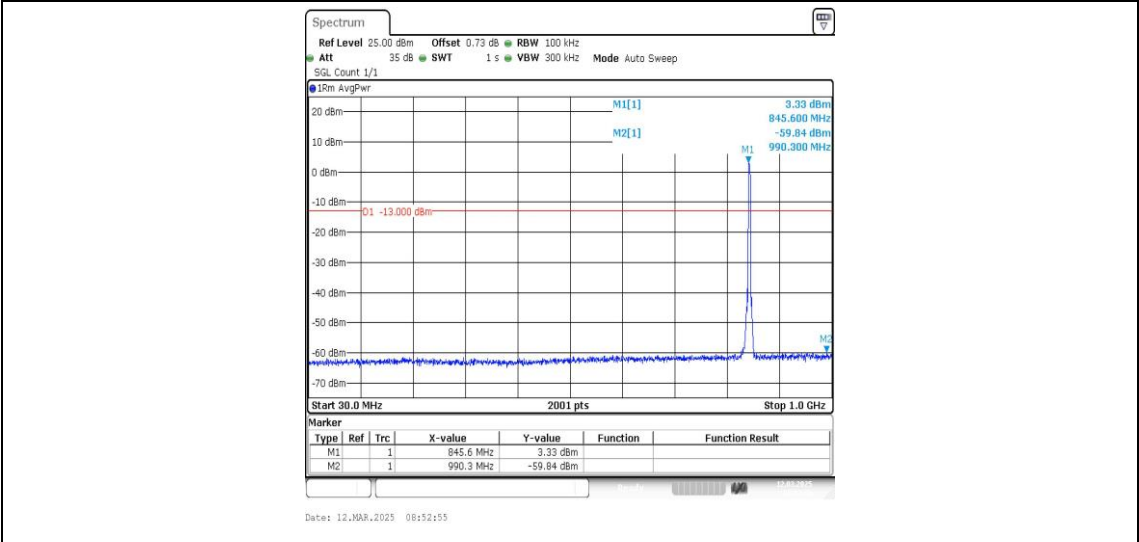
Band5-4182-4-1000~10000MHz-PASS



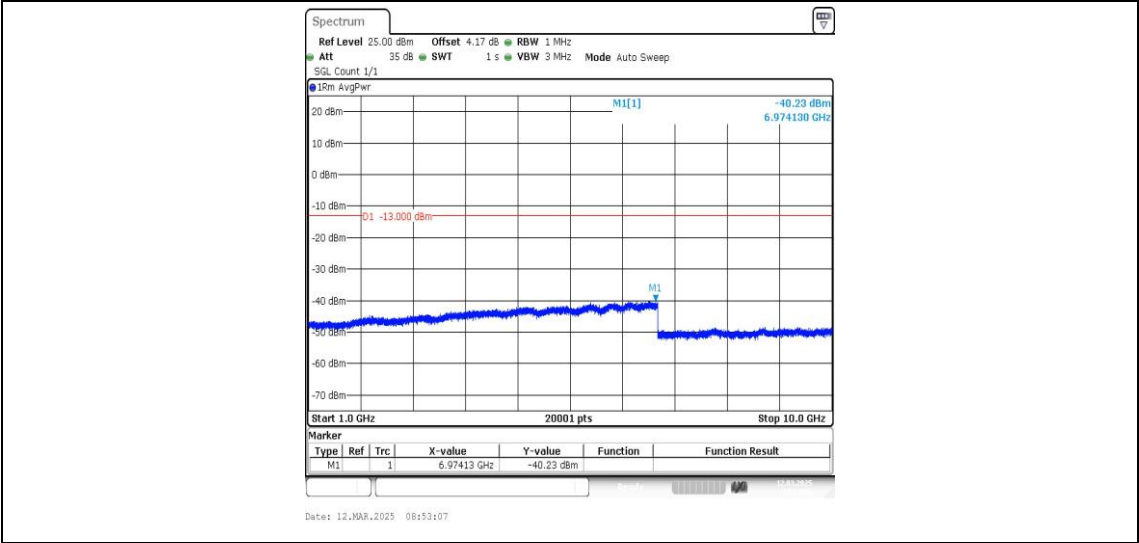
Band5-4233-1-0.009~0.15MHz-PASS



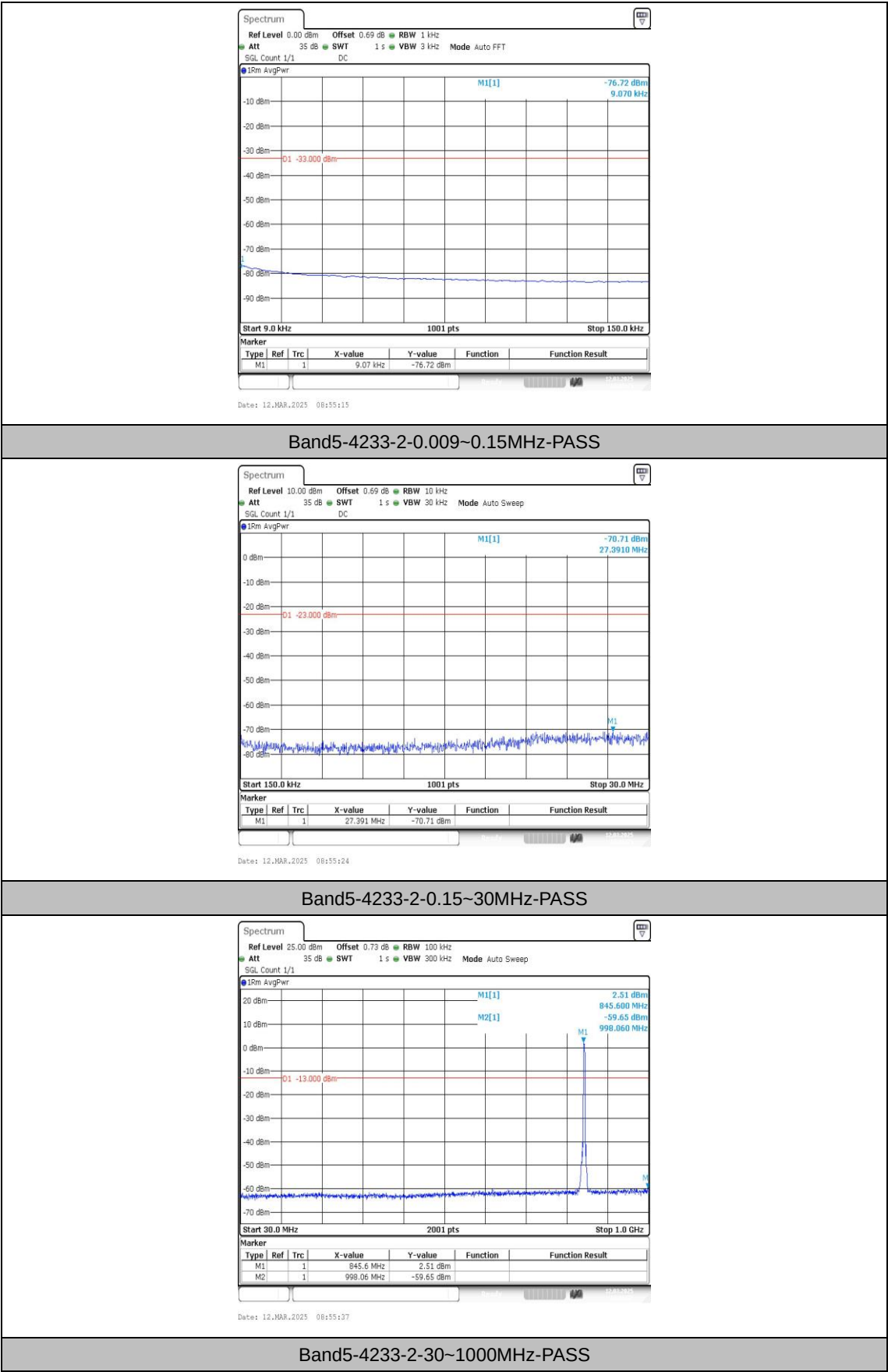
Band5-4233-1-0.15~30MHz-PASS

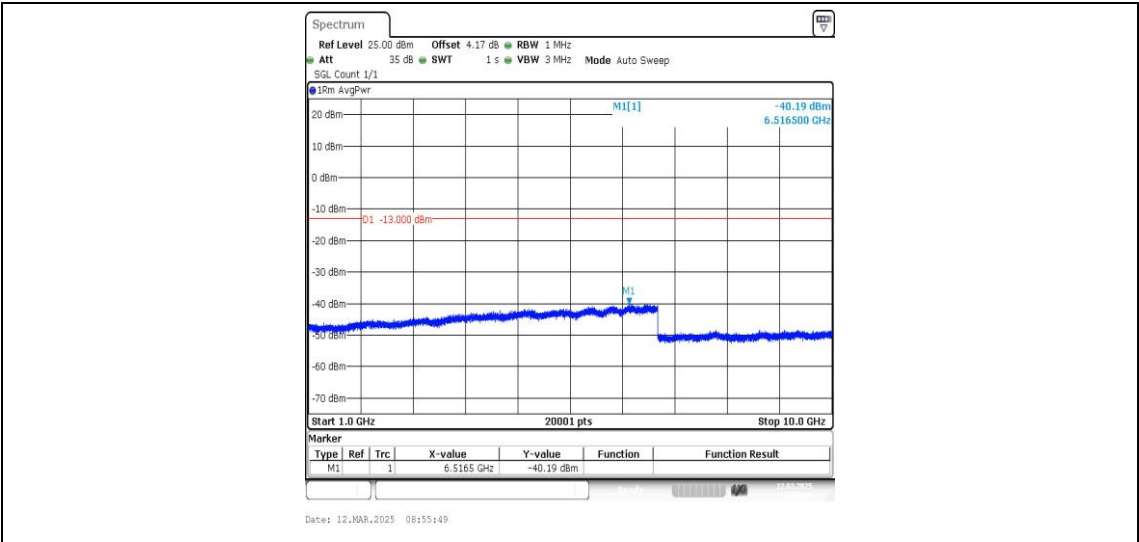


Band5-4233-1-30~1000MHz-PASS

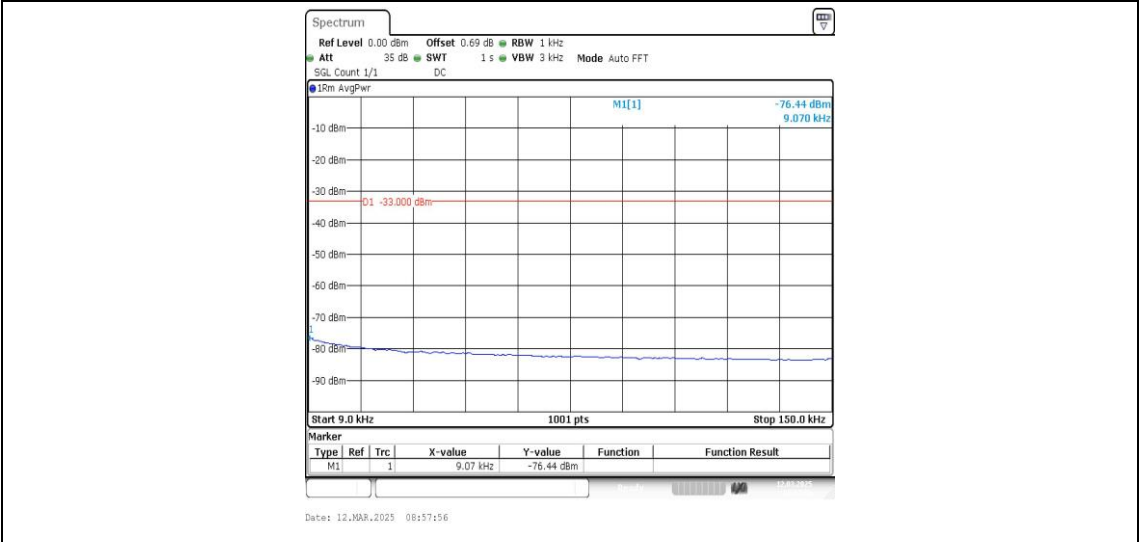


Band5-4233-1-1000~10000MHz-PASS

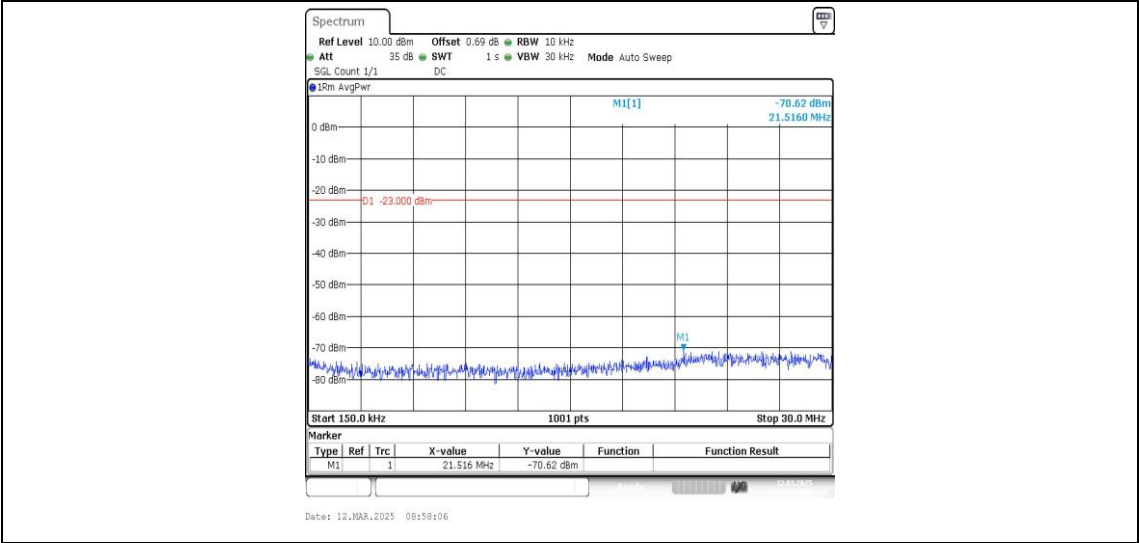




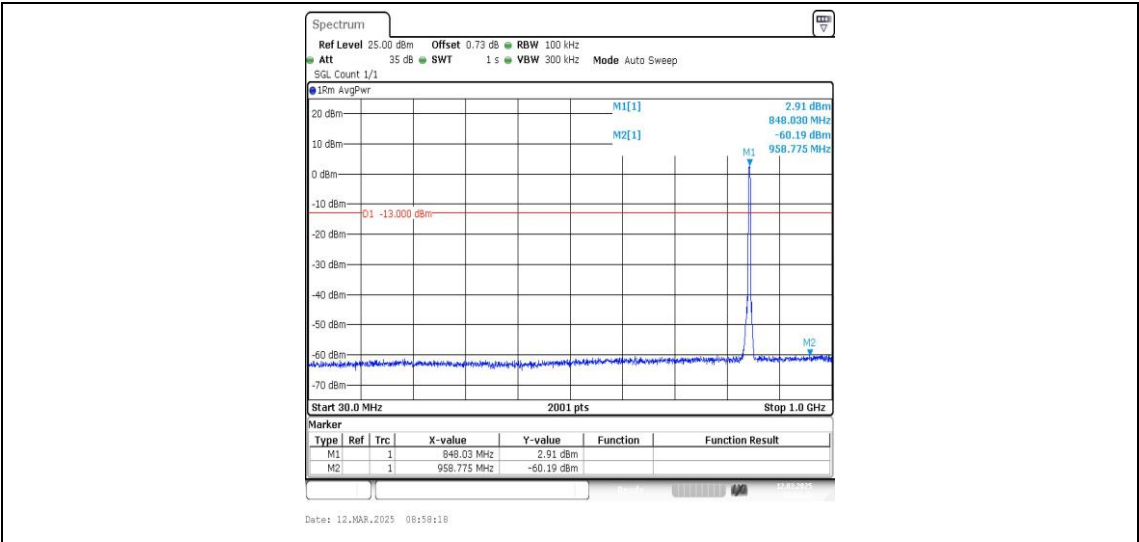
Band5-4233-2-1000~10000MHz-PASS



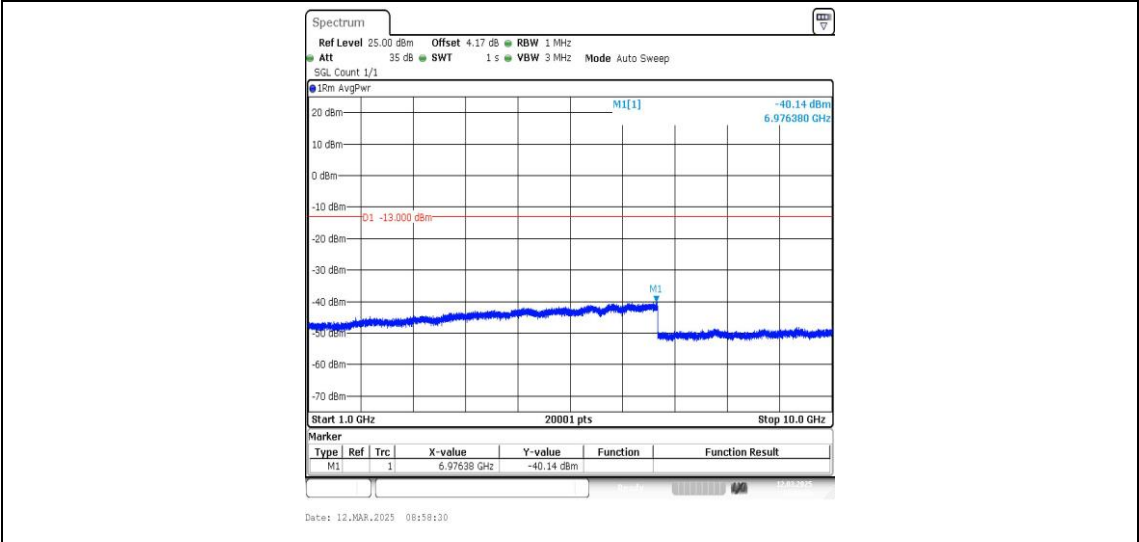
Band5-4233-3-0.009~0.15MHz-PASS



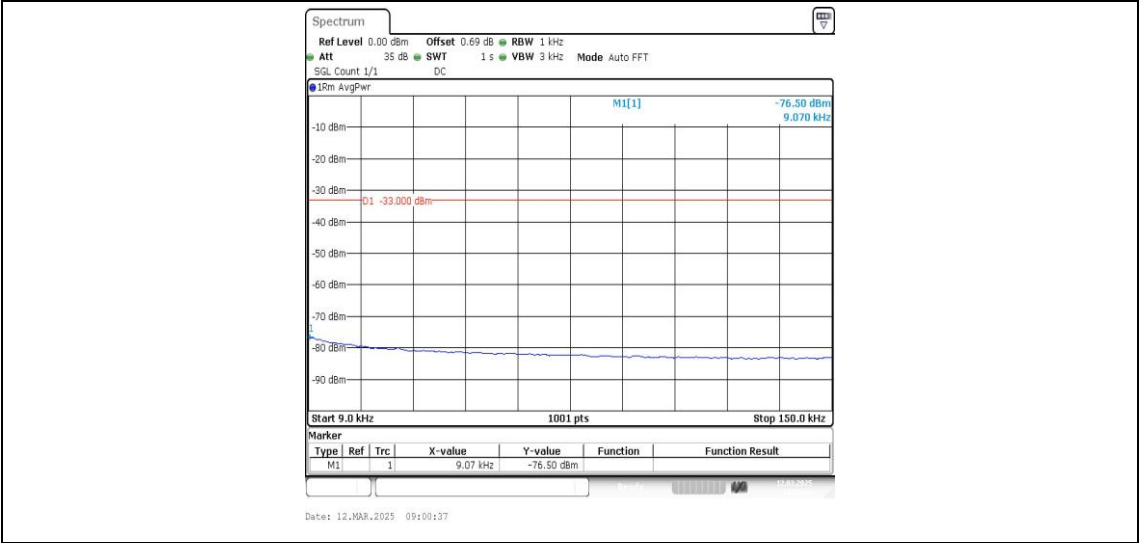
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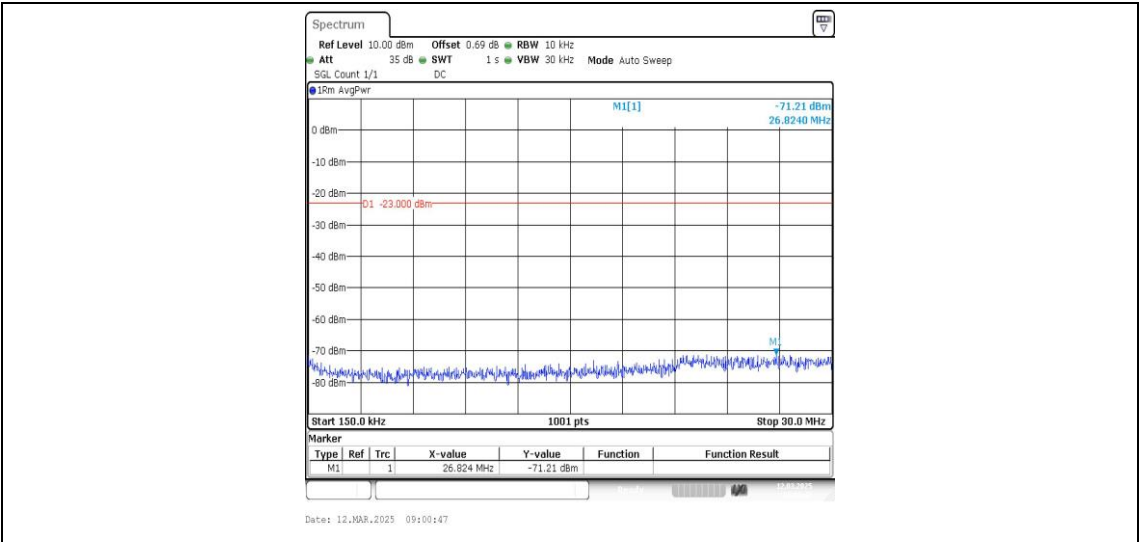
Band5-4233-3-30~1000MHz-PASS



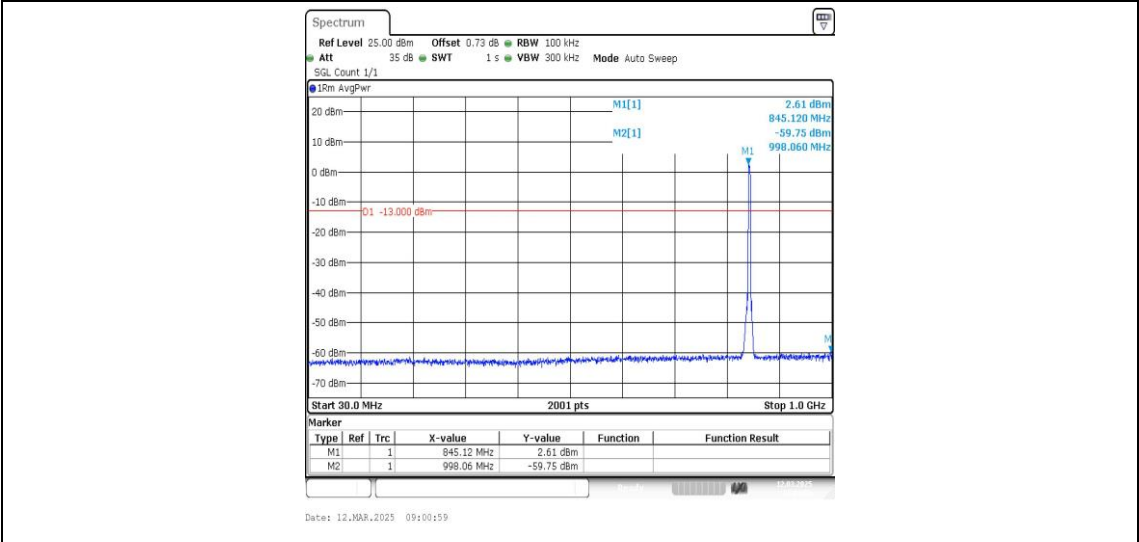
Band5-4233-3-1000~10000MHz-PASS



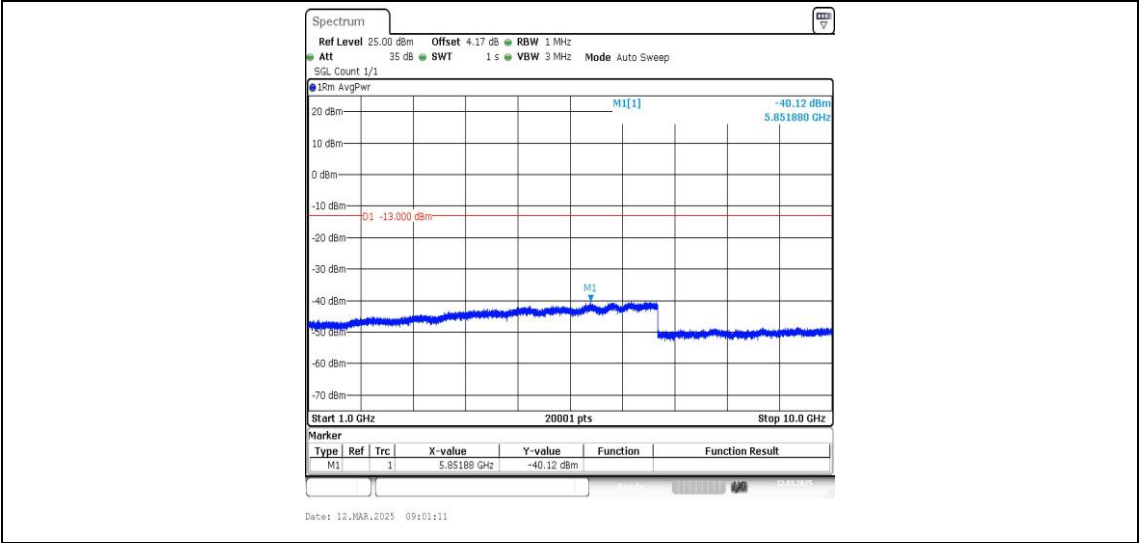
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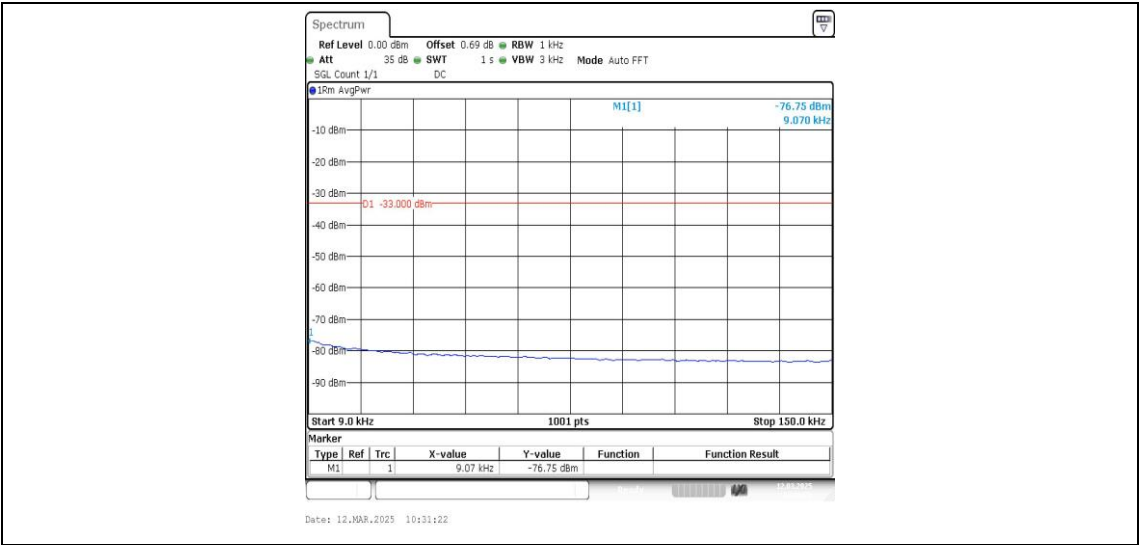
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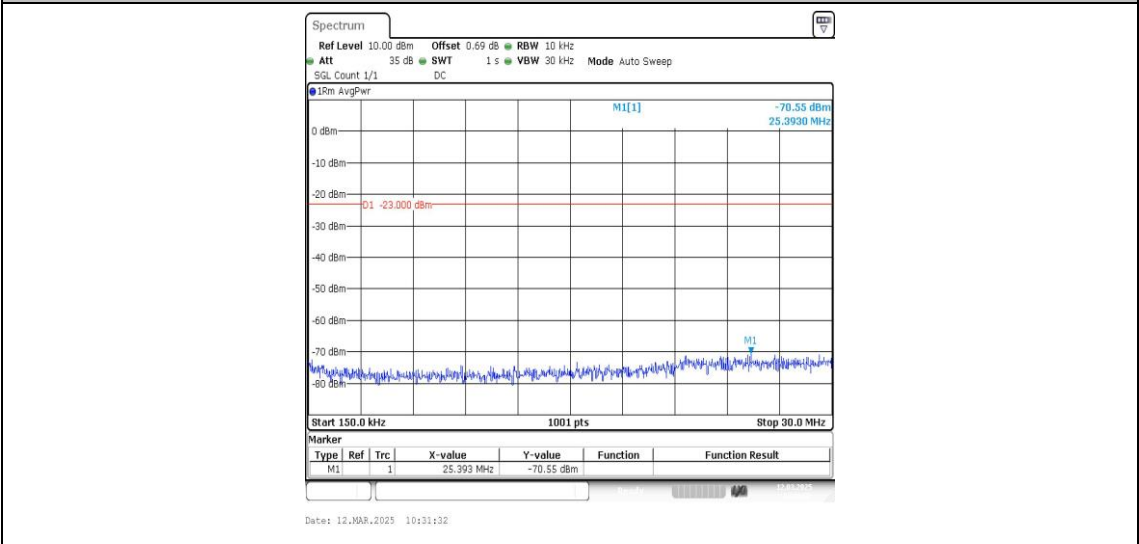
Band5-4233-4-30~1000MHz-PASS



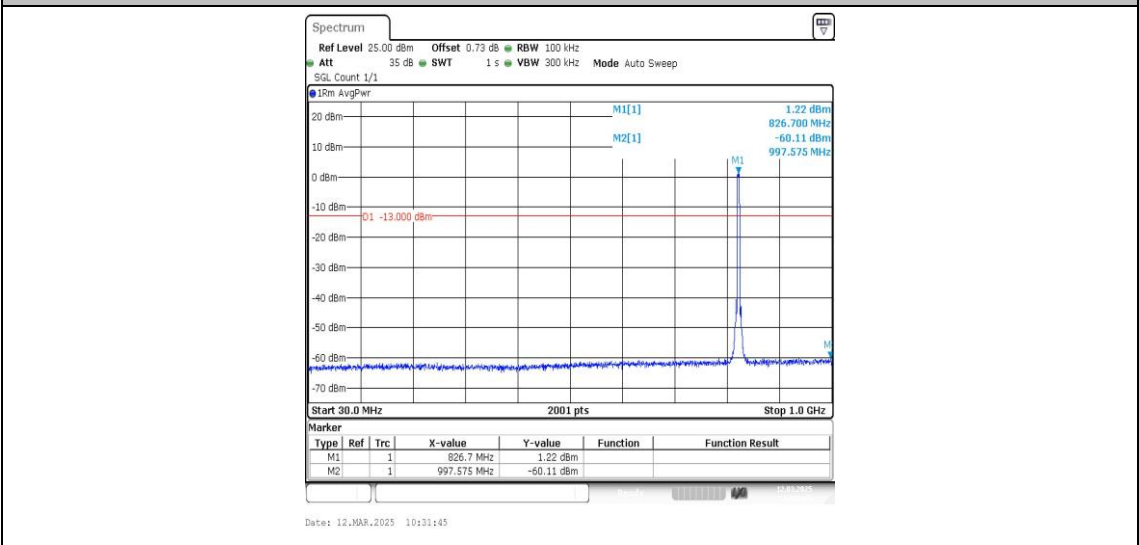
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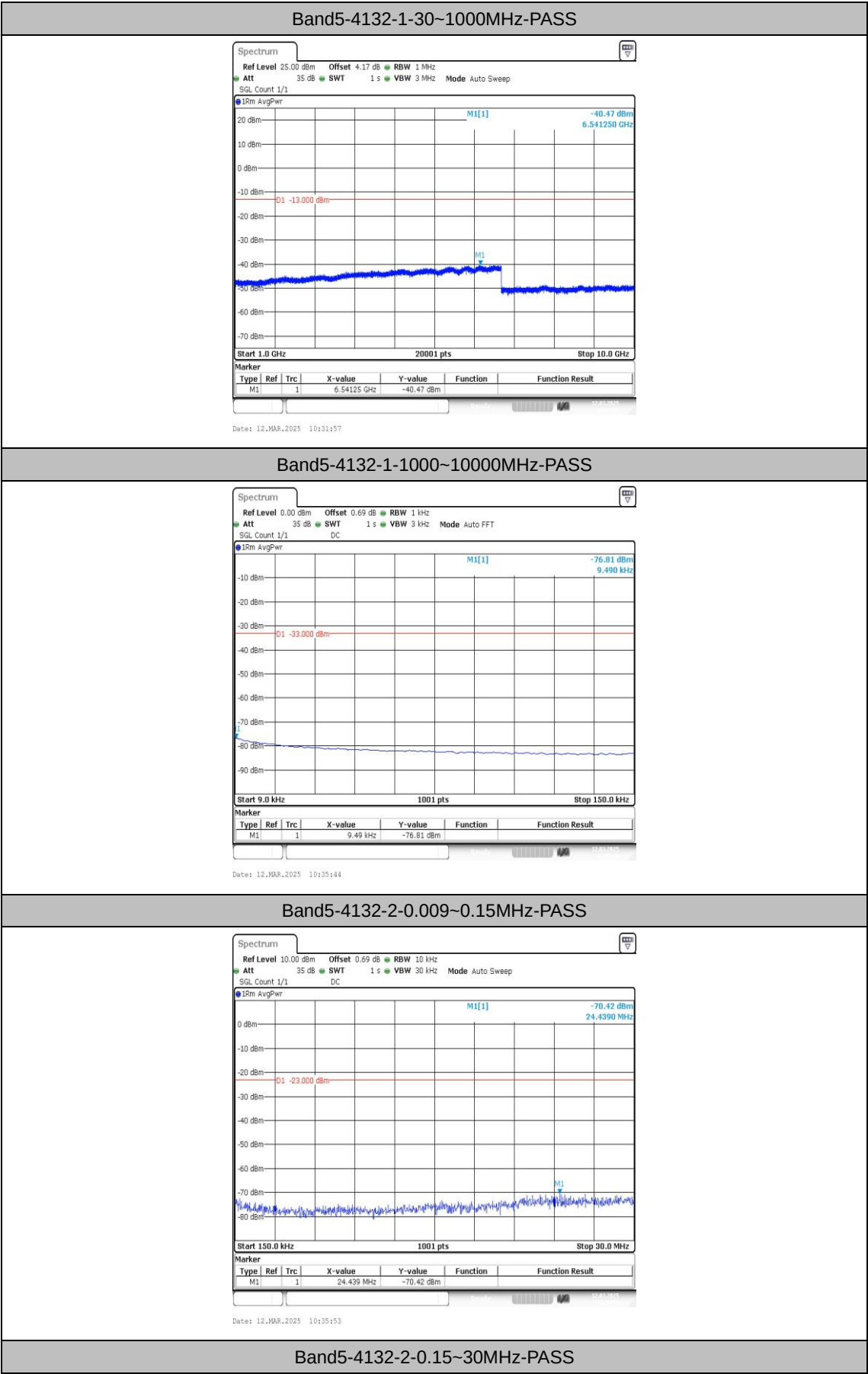


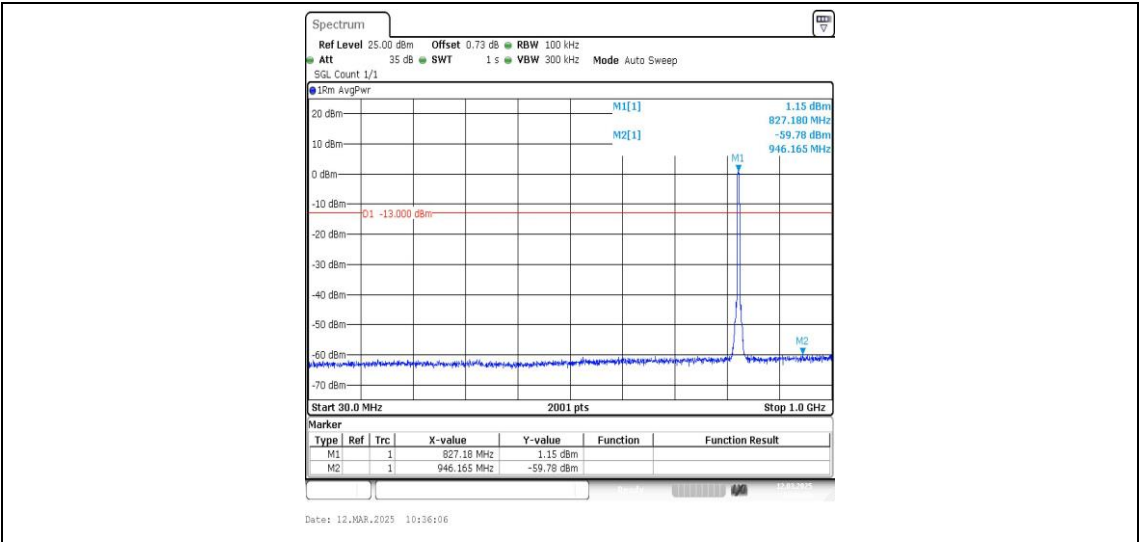
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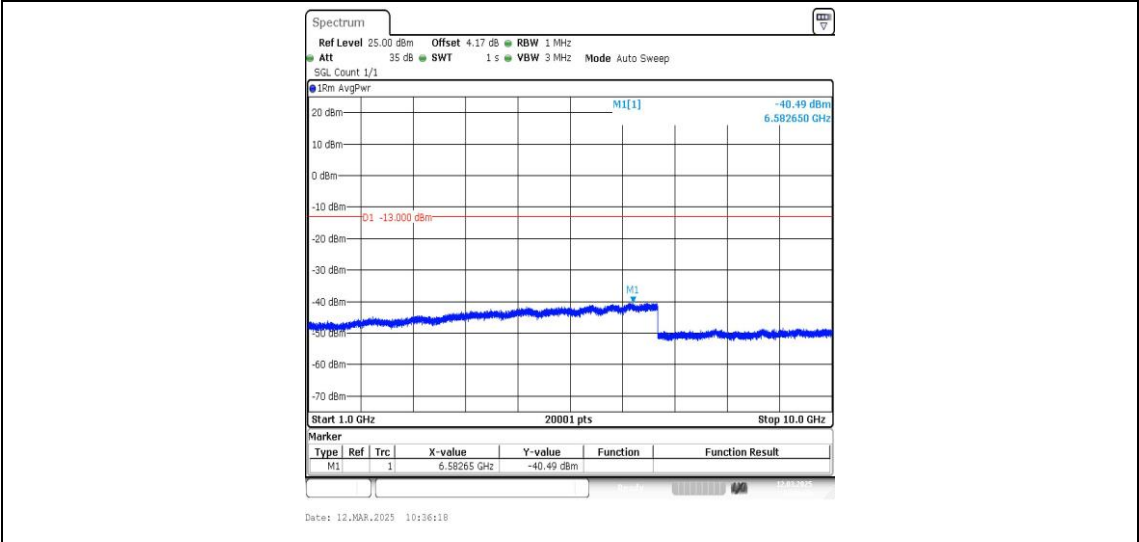
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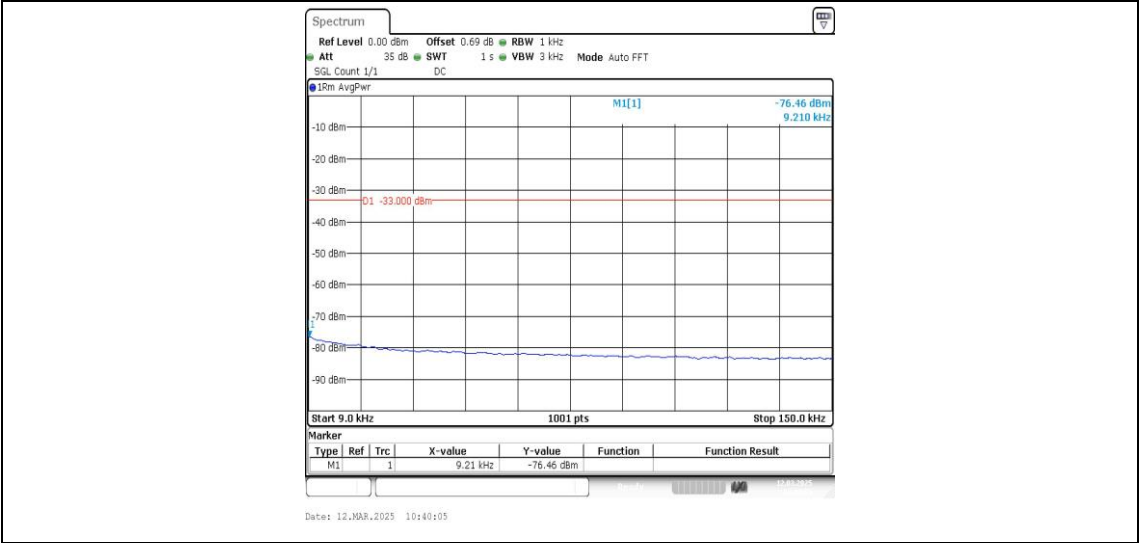




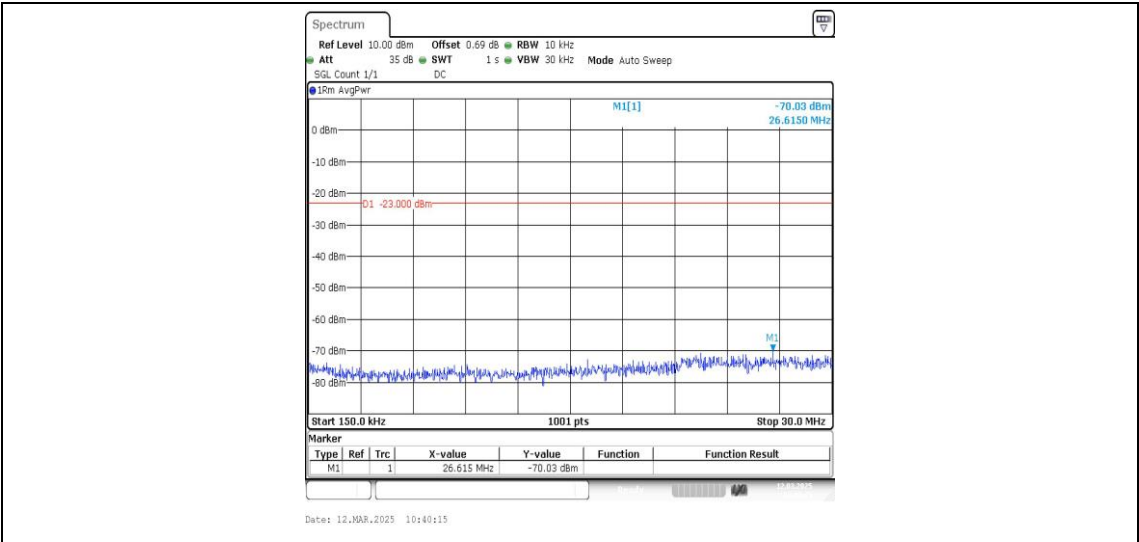
Band5-4132-2-30~1000MHz-PASS



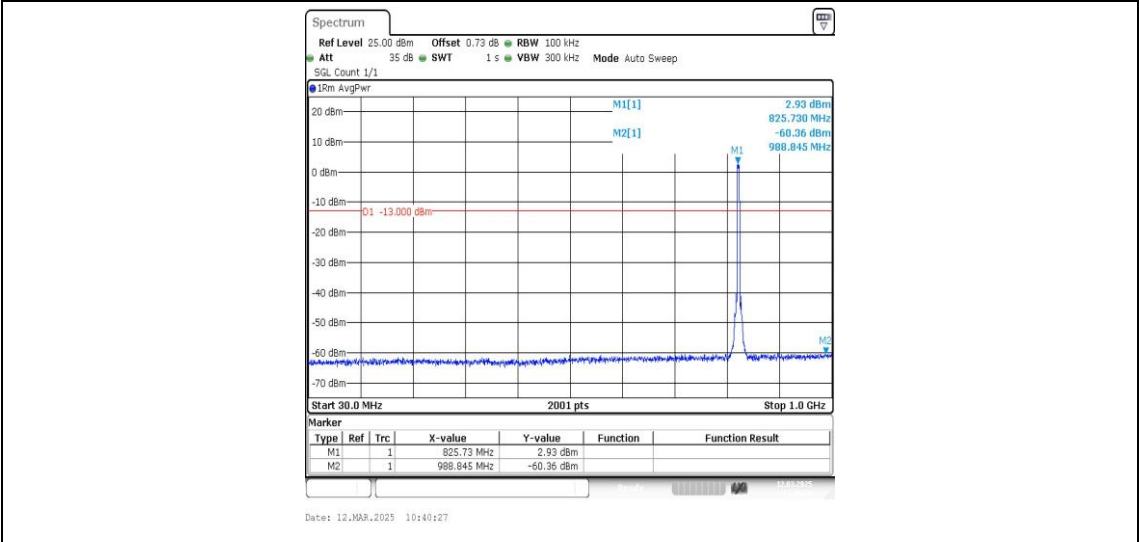
Band5-4132-2-1000~10000MHz-PASS



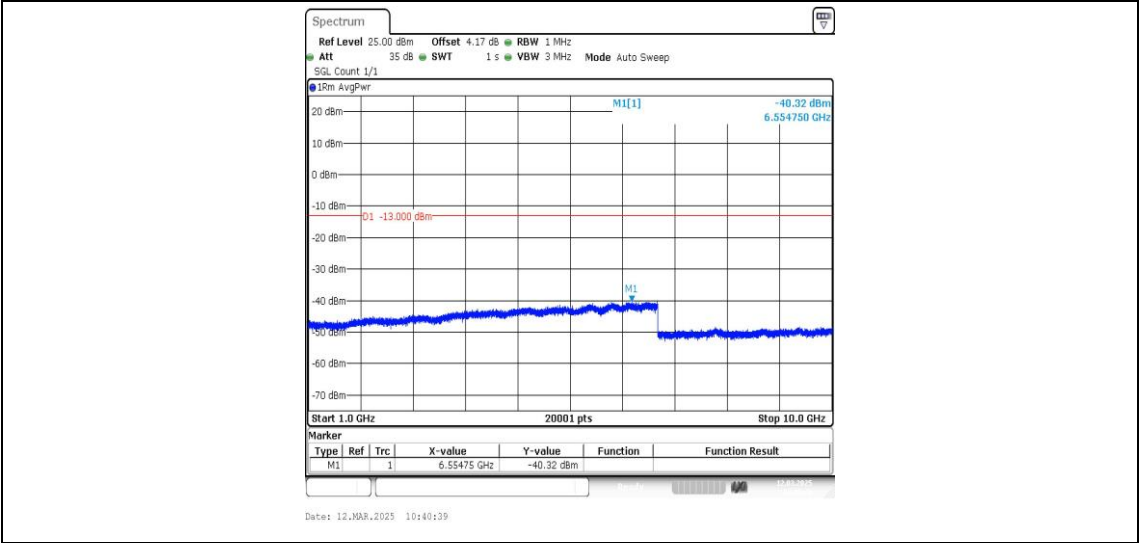
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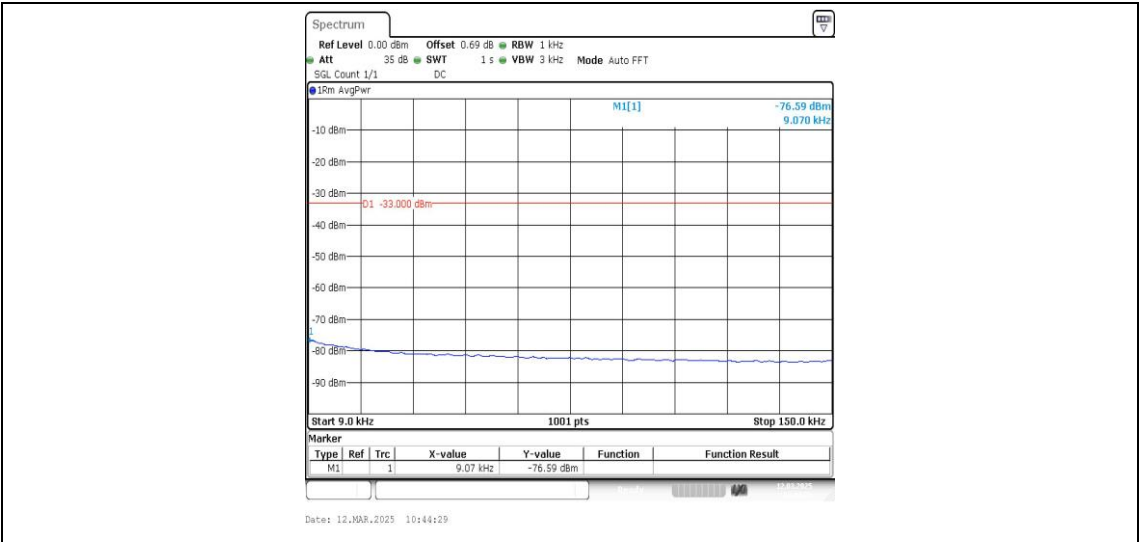
Band5-4132-3-0.15~30MHz-PASS



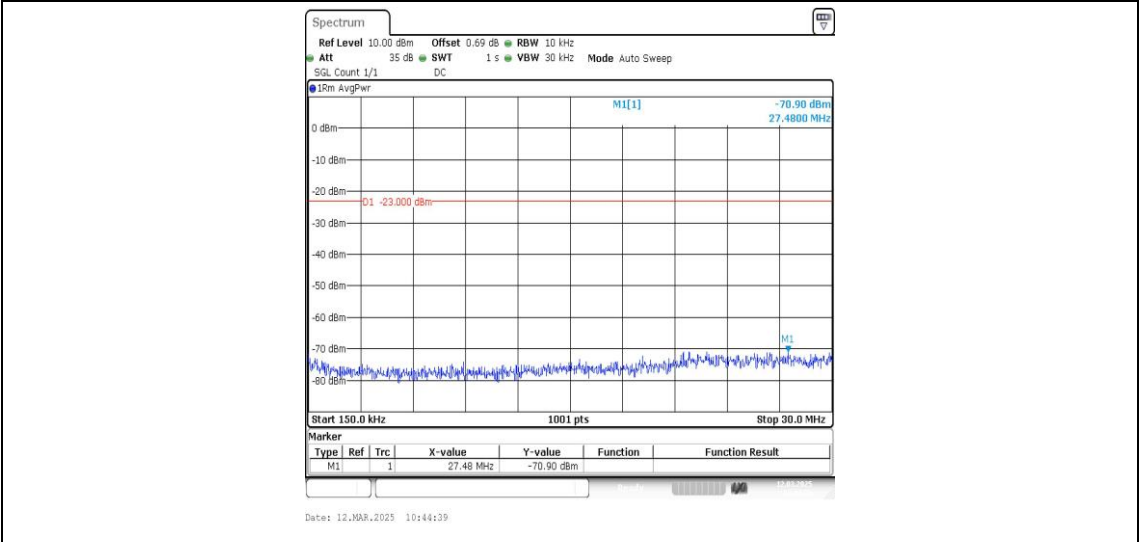
Band5-4132-3-30~1000MHz-PASS



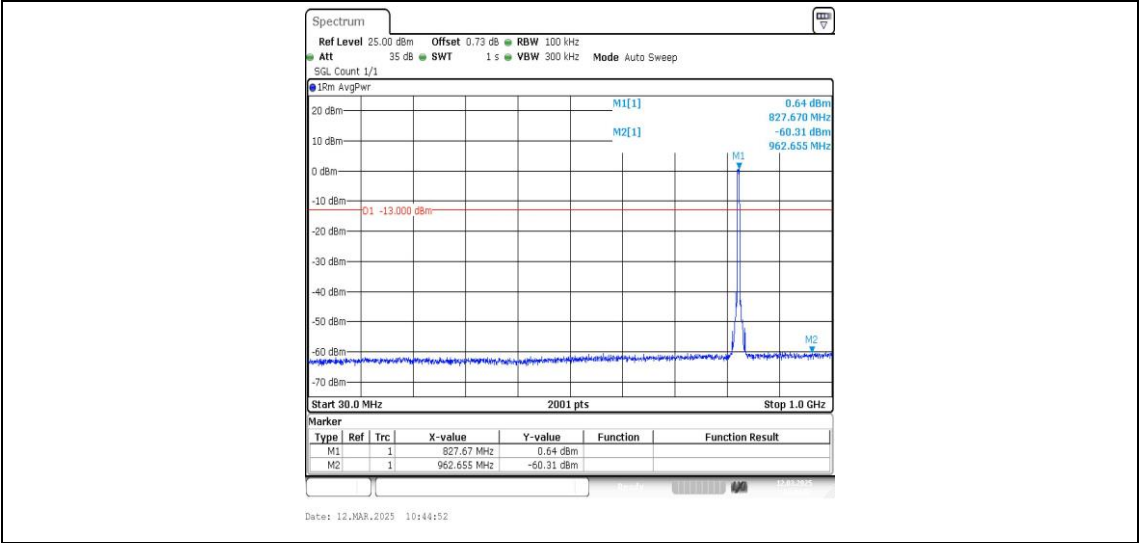
Band5-4132-3-1000~10000MHz-PASS



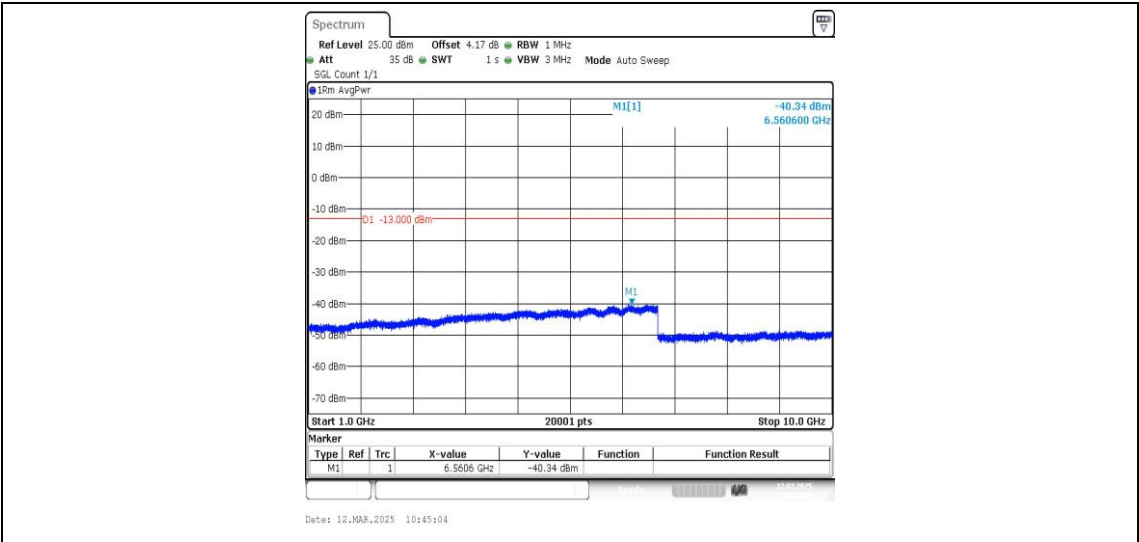
Band5-4132-4-0.009~0.15MHz-PASS



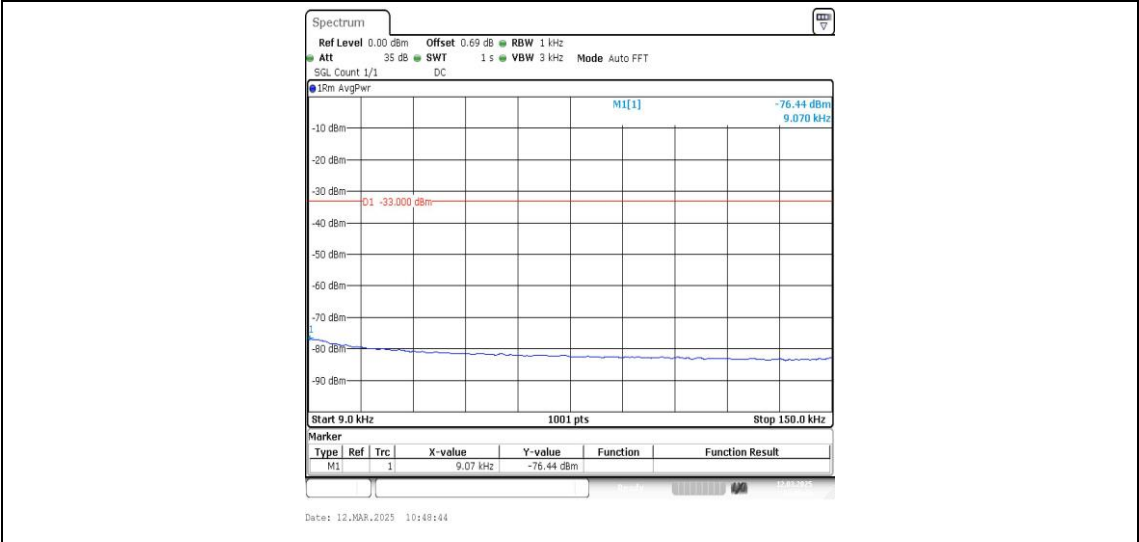
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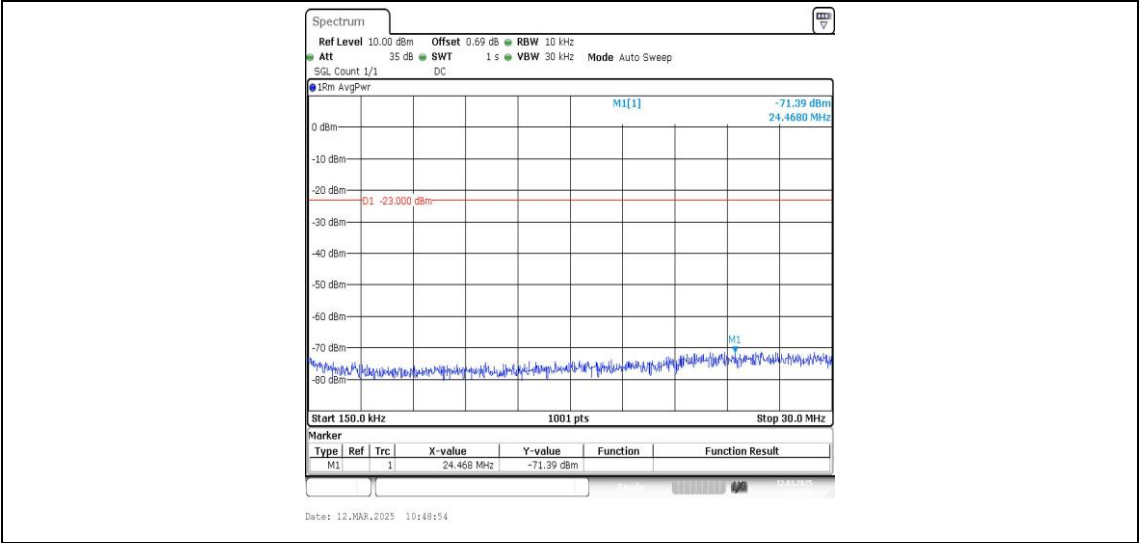
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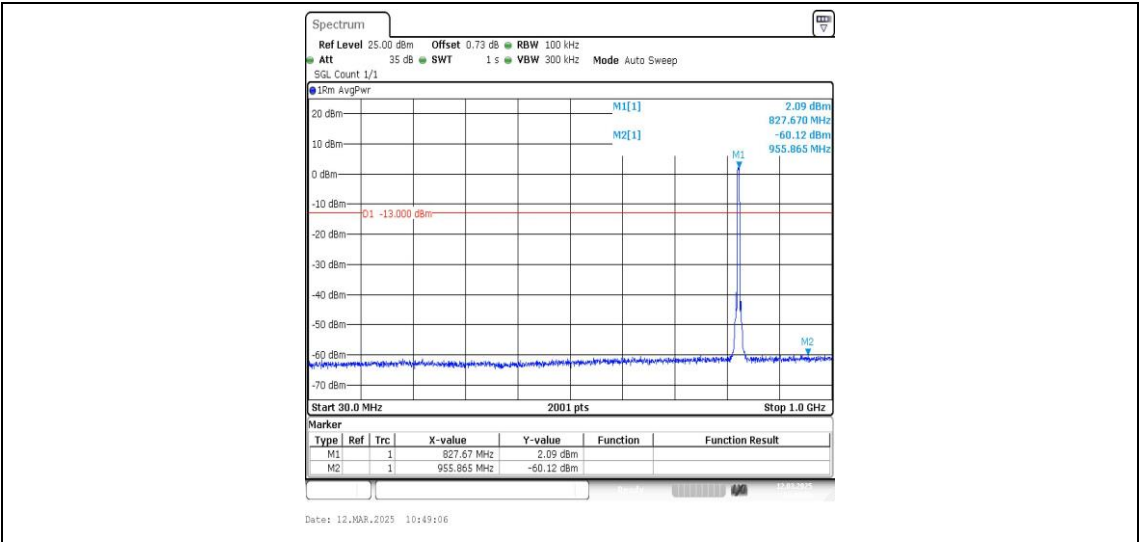
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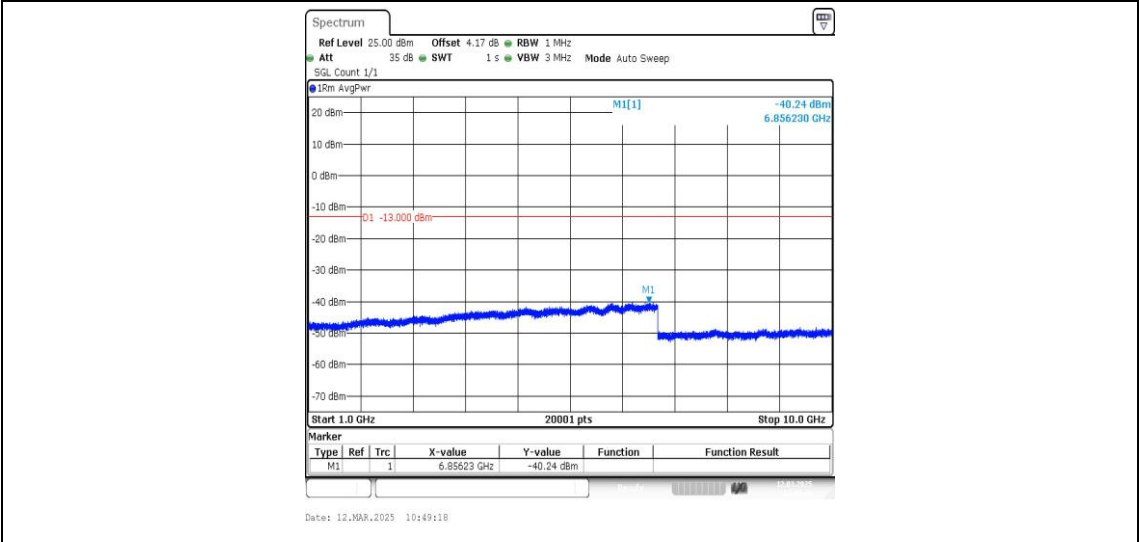
Band5-4132-5-0.009~0.15MHz-PASS



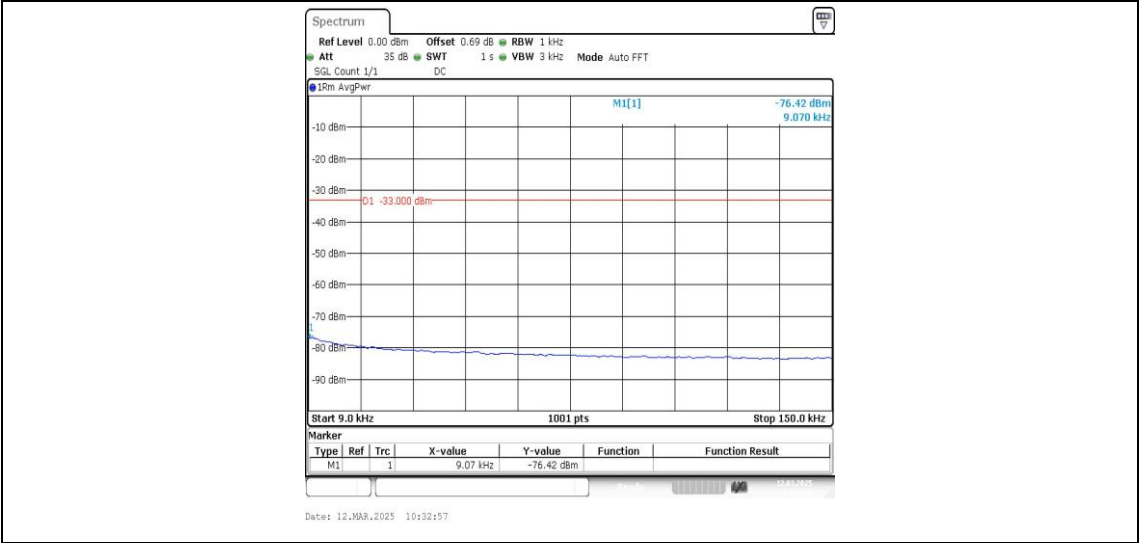
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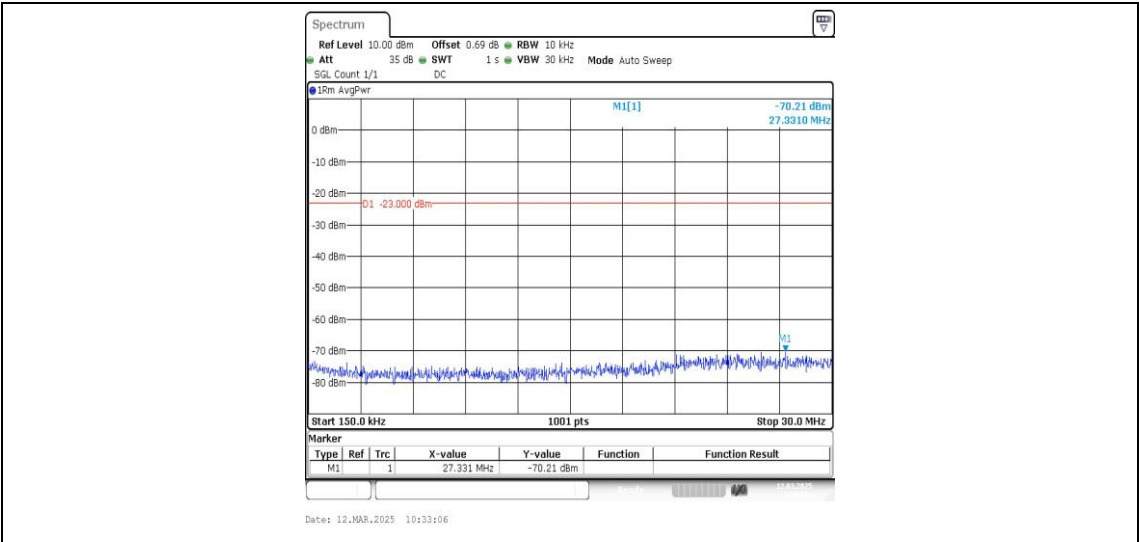
Band5-4132-5-30~1000MHz-PASS



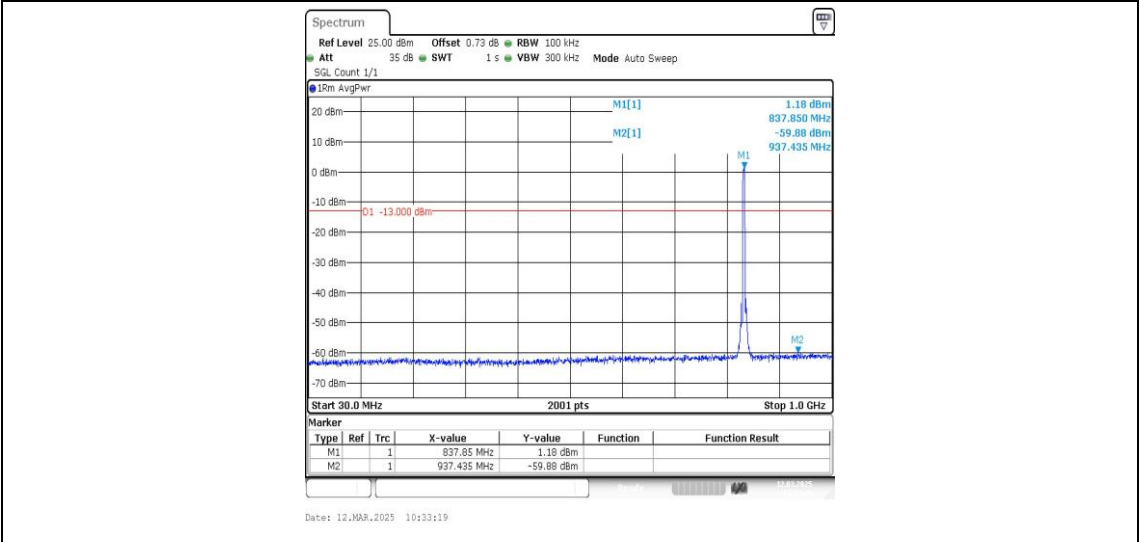
Band5-4132-5-1000~10000MHz-PASS



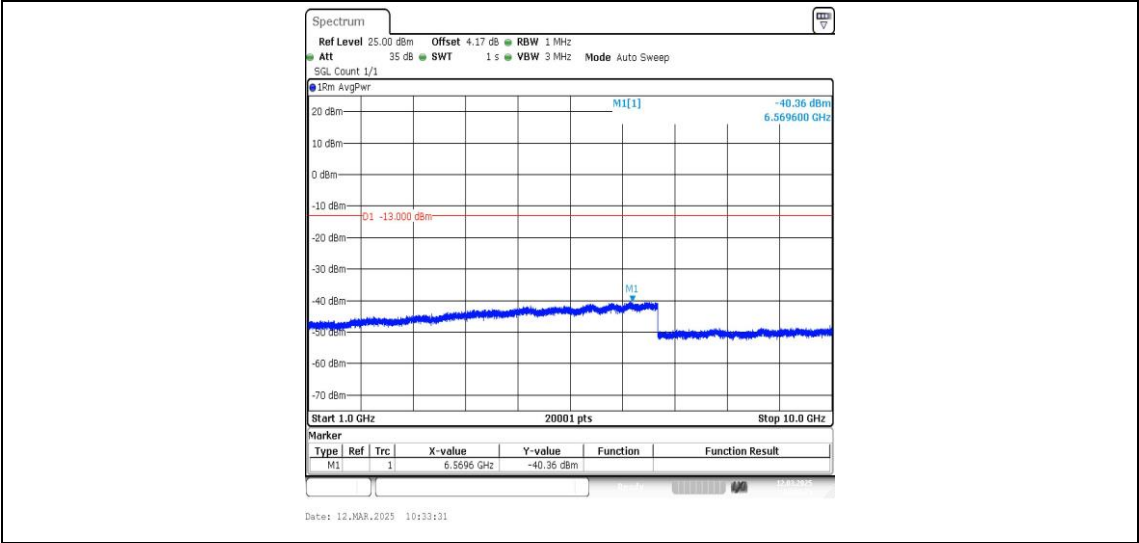
Band5-4182-1-0.009~0.15MHz-PASS



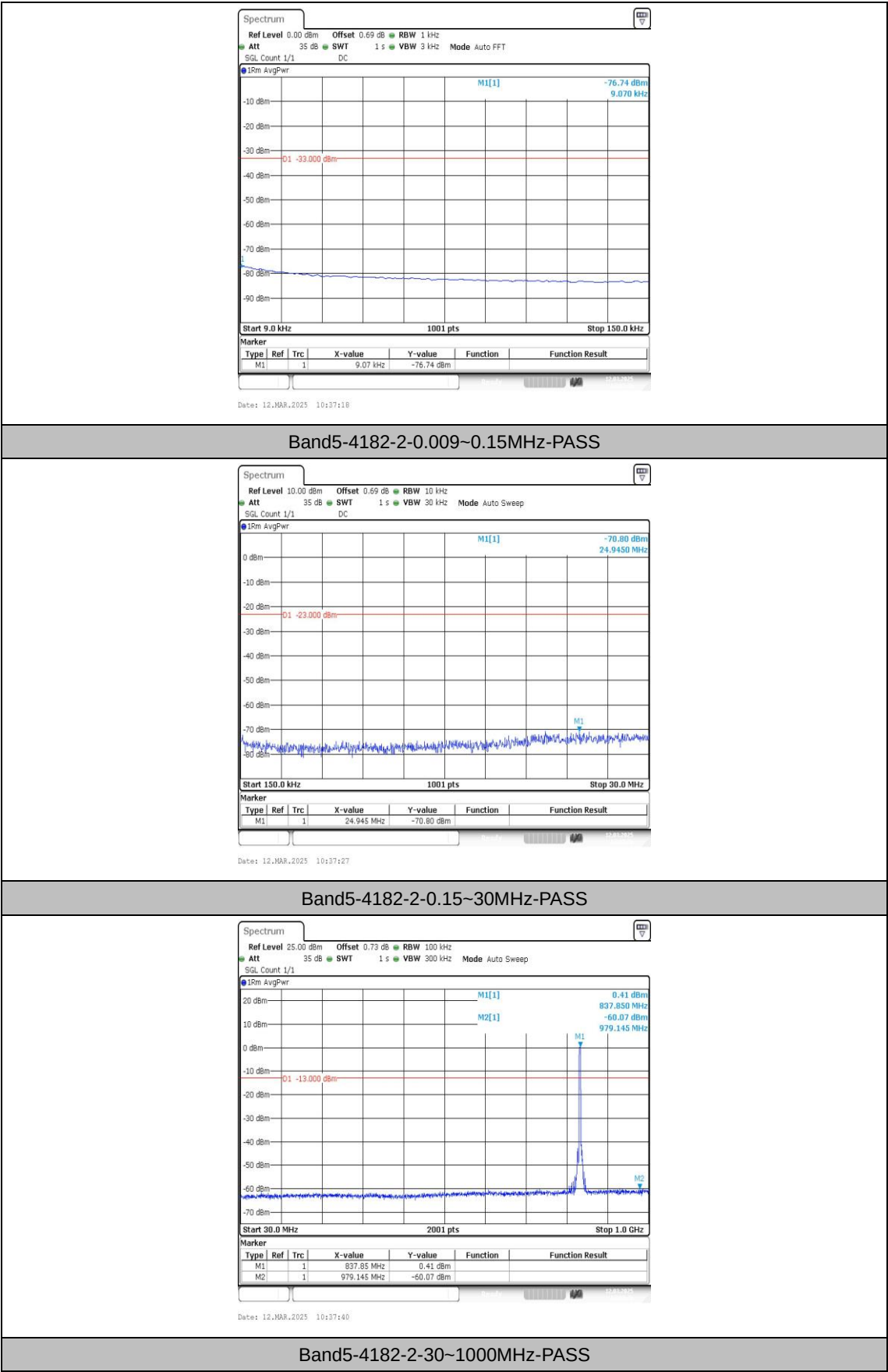
Band5-4182-1-0.15~30MHz-PASS

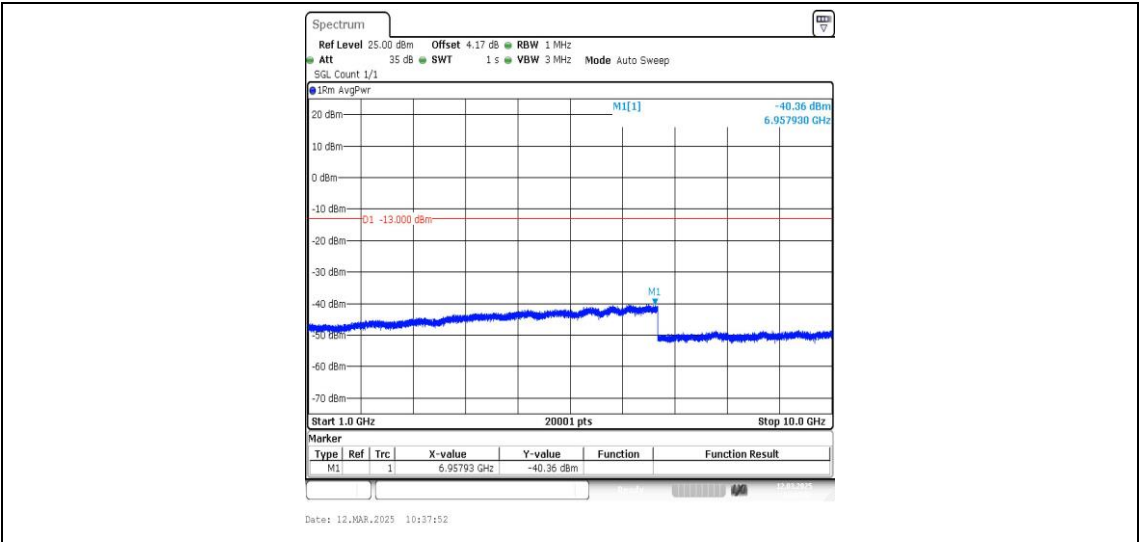


Band5-4182-1-30~1000MHz-PASS

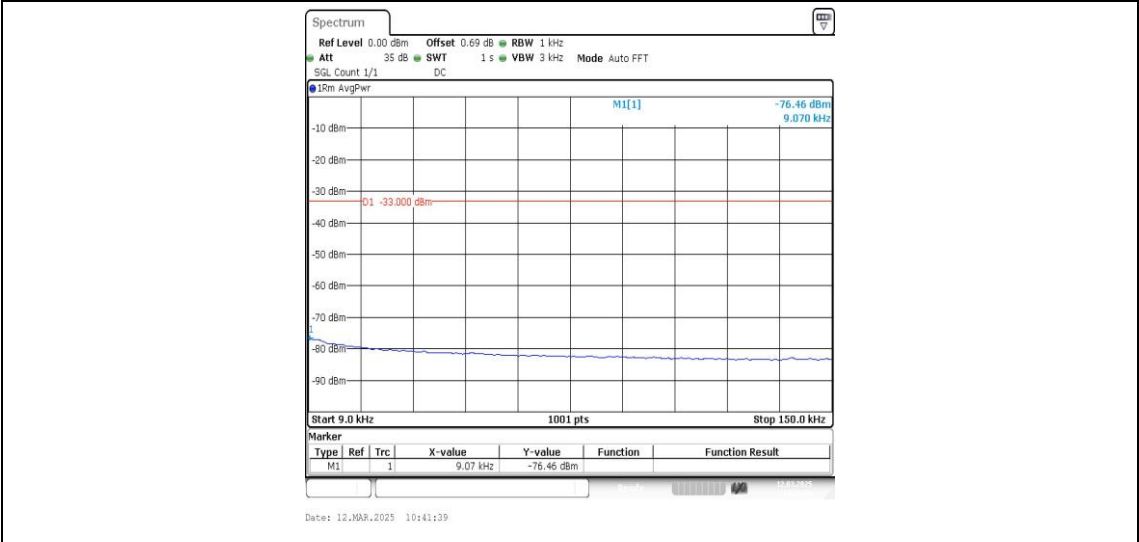


Band5-4182-1-1000~10000MHz-PASS

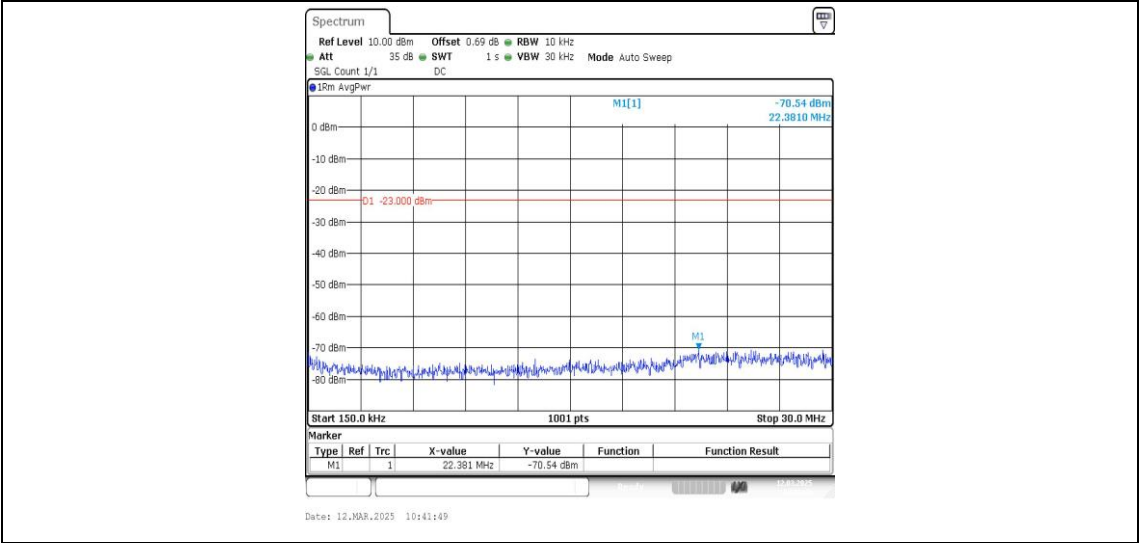




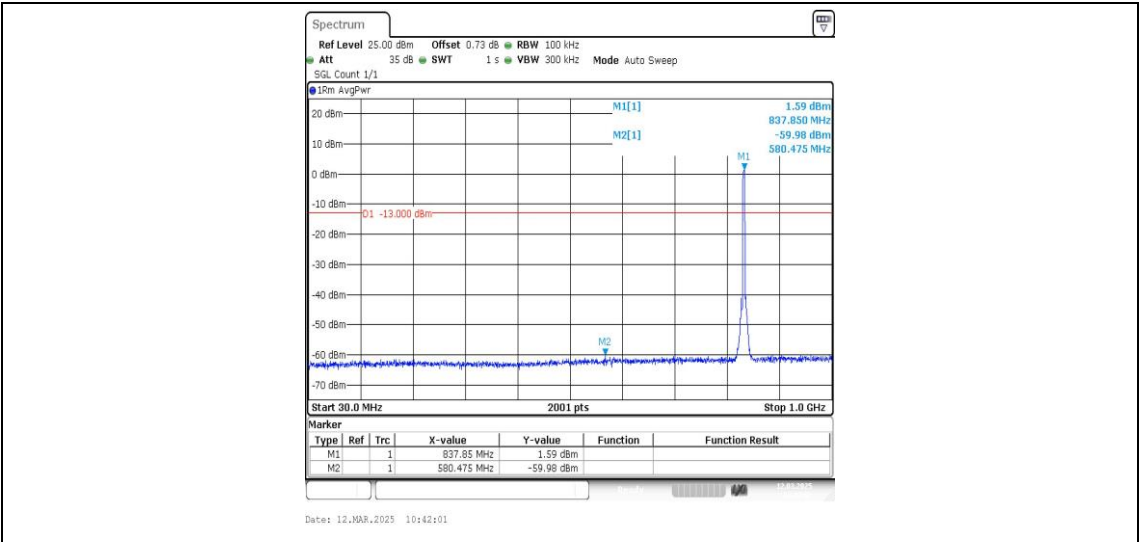
Band5-4182-2-1000~10000MHz-PASS



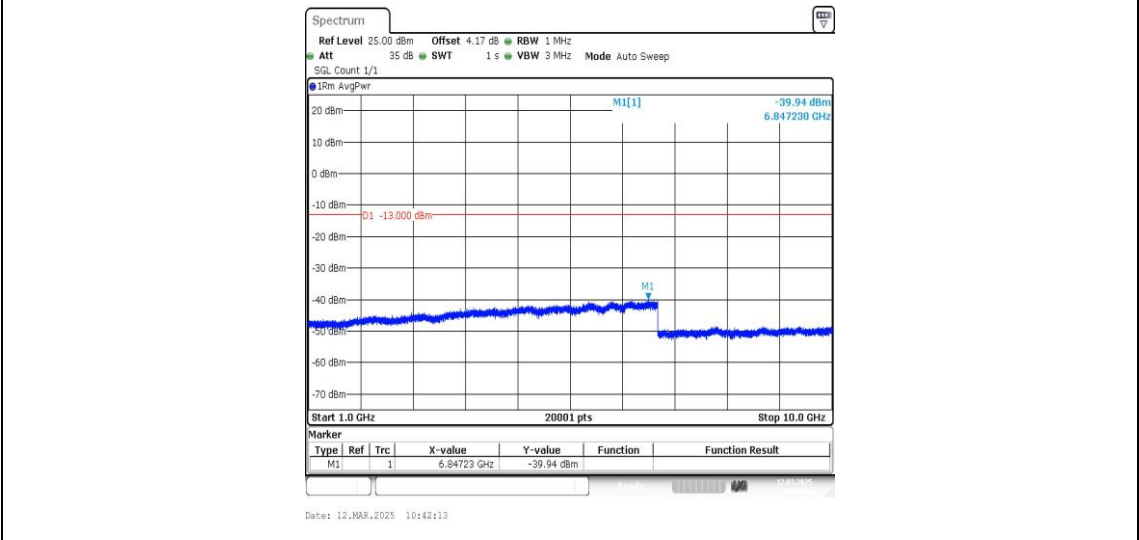
Band5-4182-3-0.009~0.15MHz-PASS



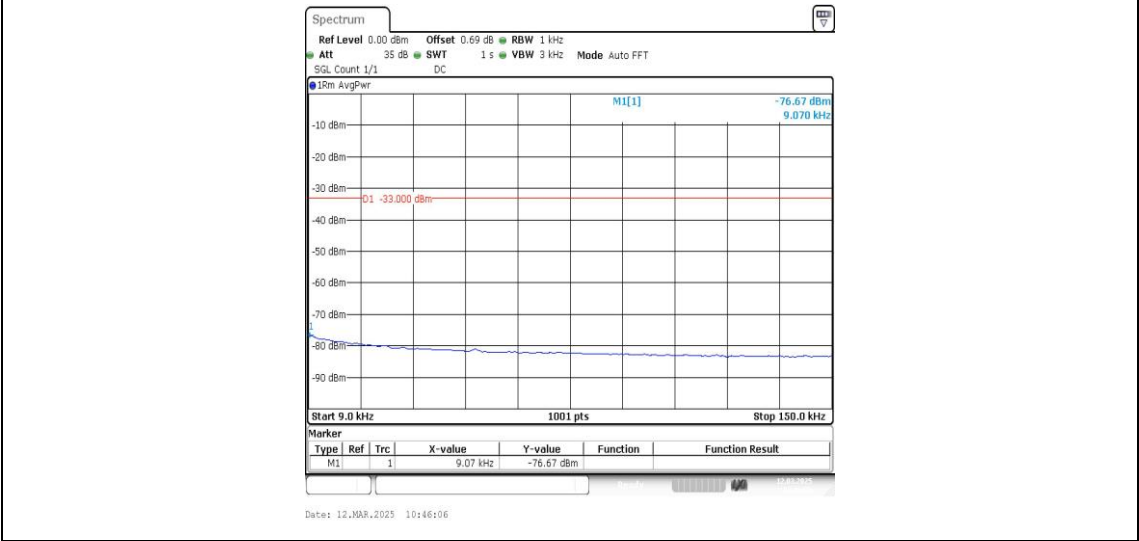
Band5-4182-3-0.15~30MHz-PASS



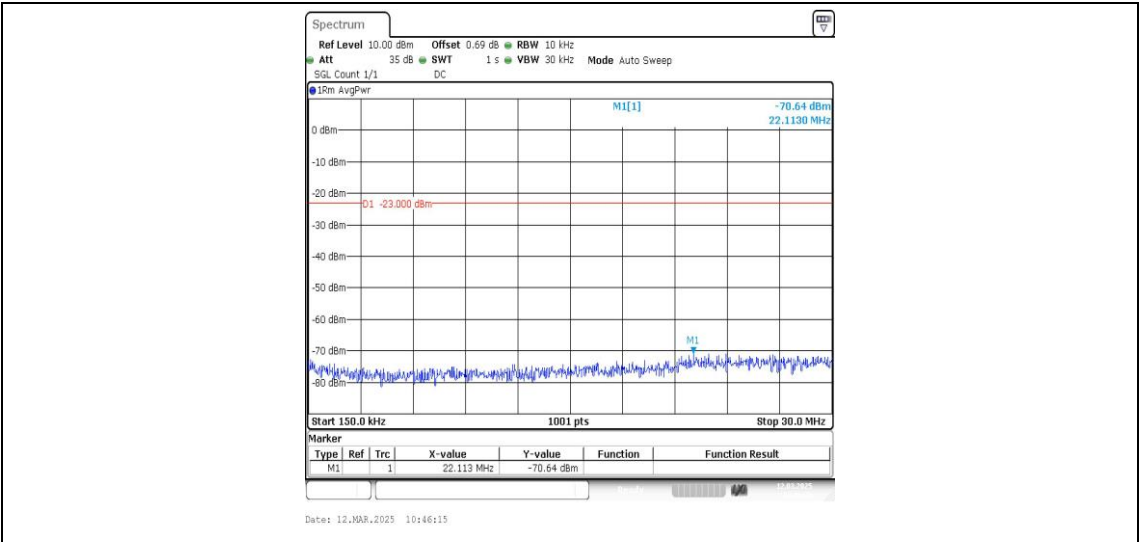
Band5-4182-3-30~1000MHz-PASS



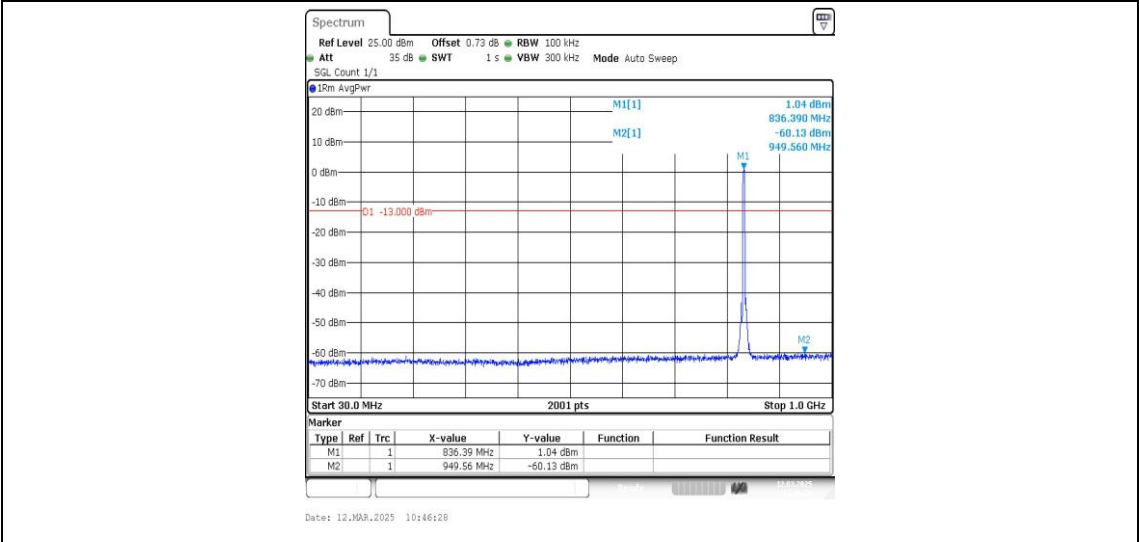
Band5-4182-3-1000~10000MHz-PASS



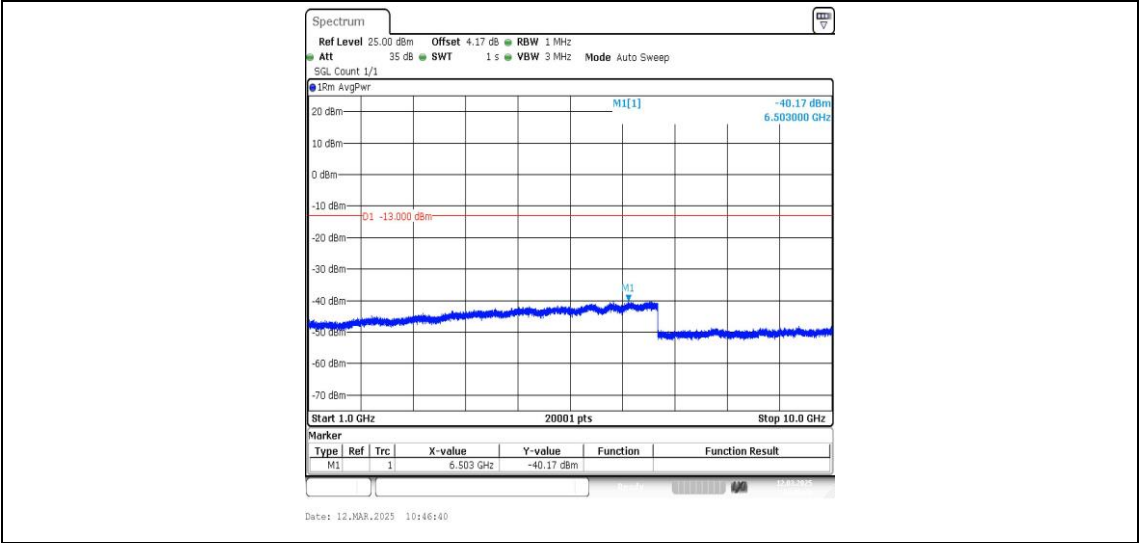
Band5-4182-4-0.009~0.15MHz-PASS



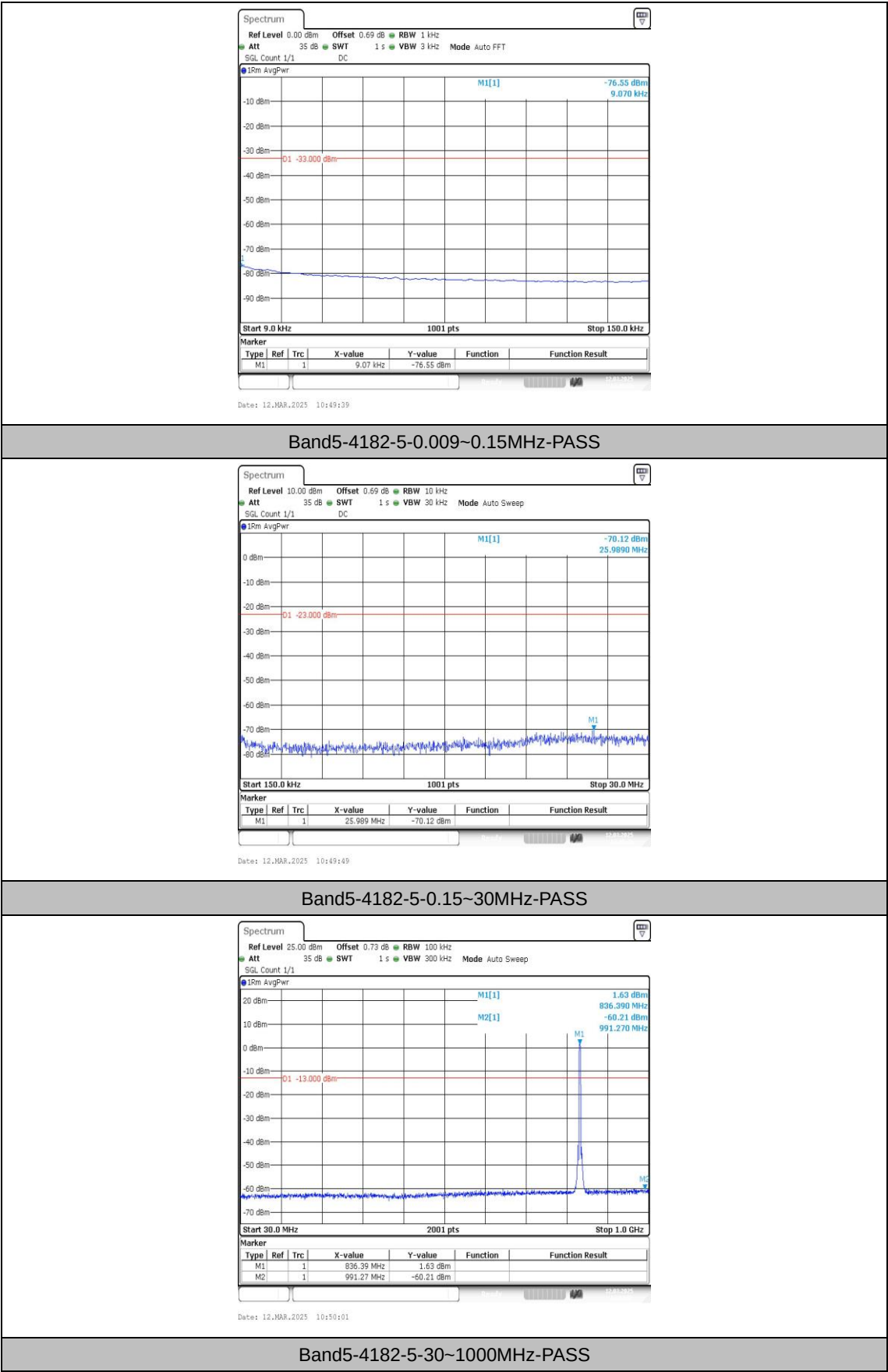
Band5-4182-4-0.15~30MHz-PASS

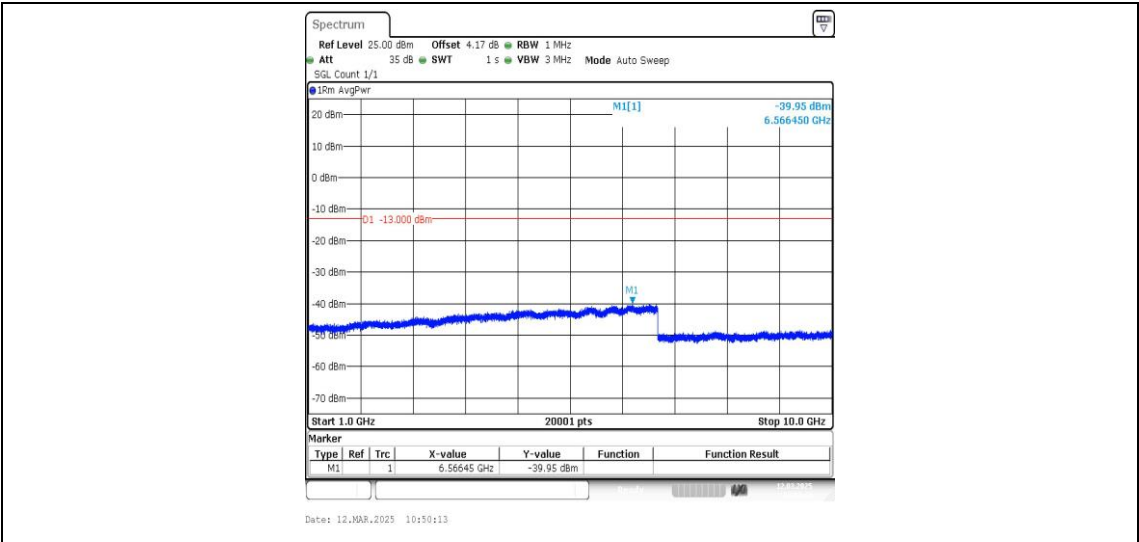


Band5-4182-4-30~1000MHz-PASS

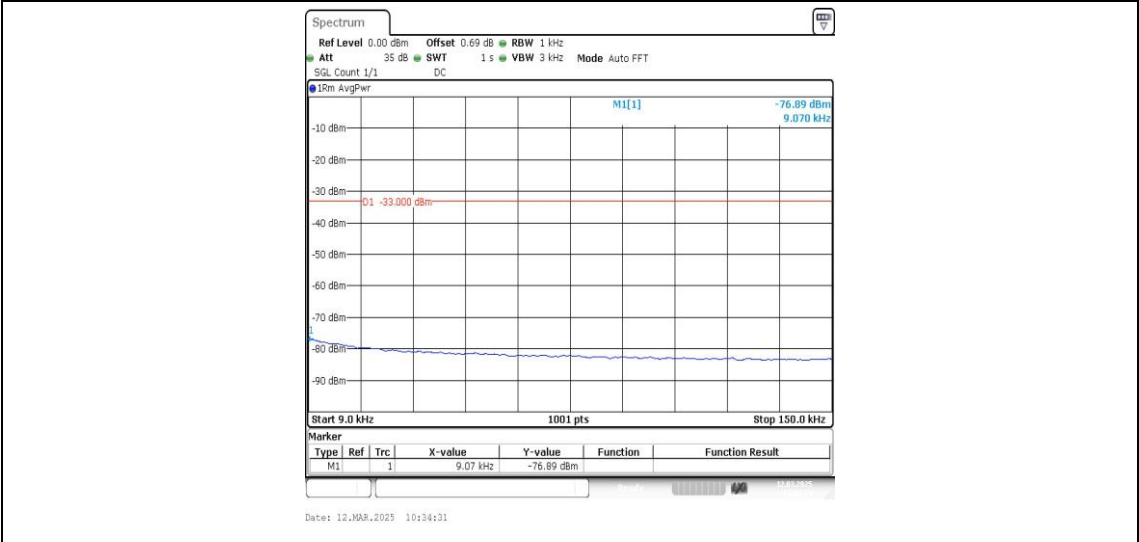


Band5-4182-4-1000~10000MHz-PASS

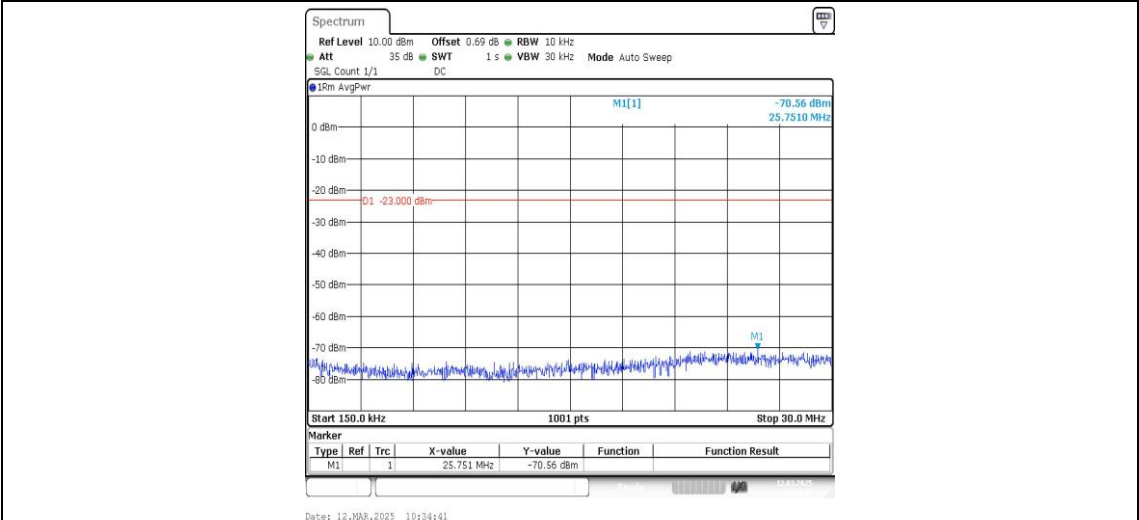




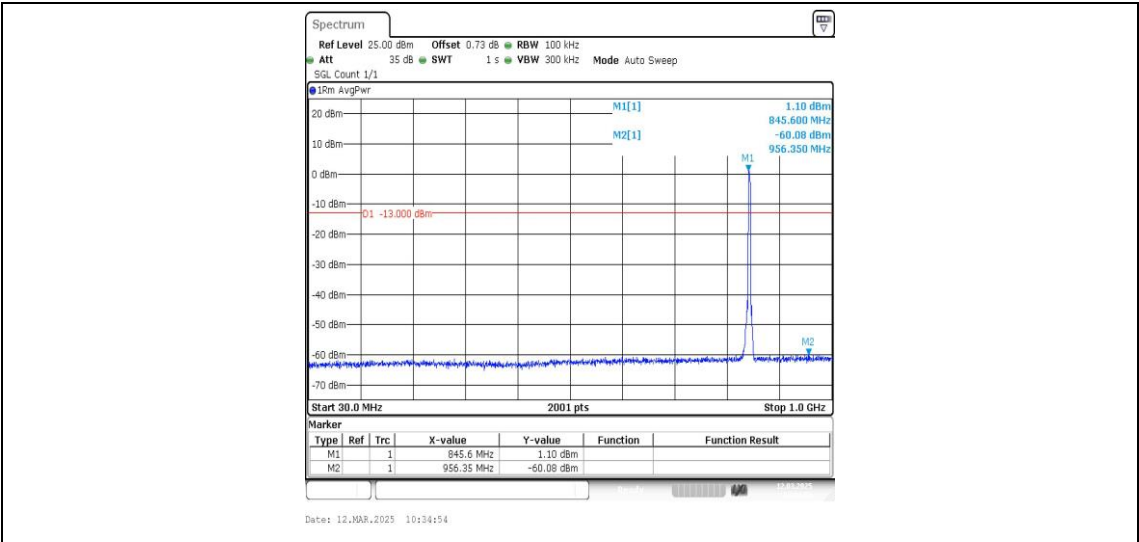
Band5-4182-5-1000~10000MHz-PASS



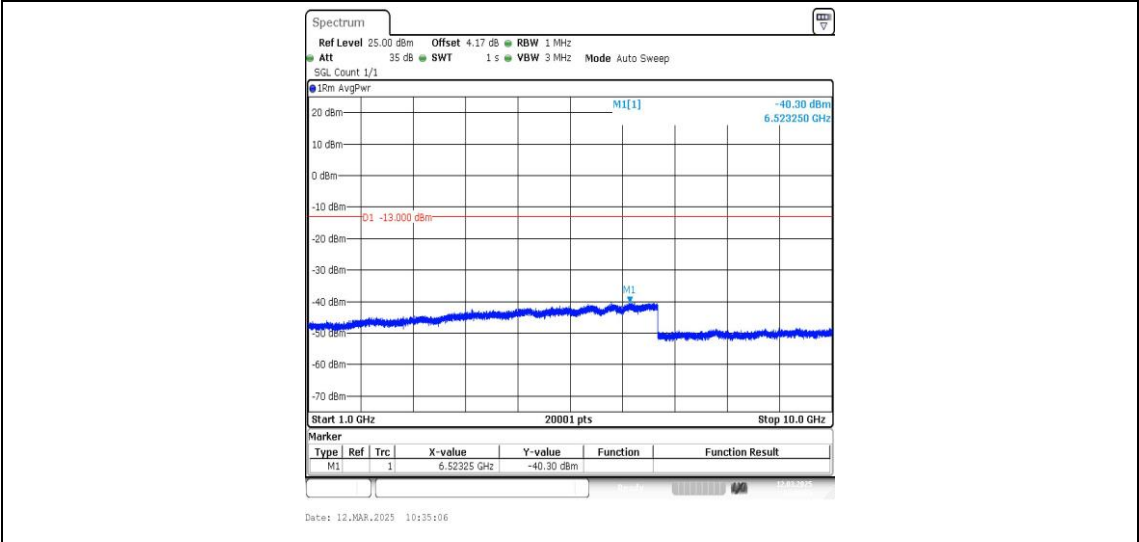
Band5-4233-1-0.009~0.15MHz-PASS



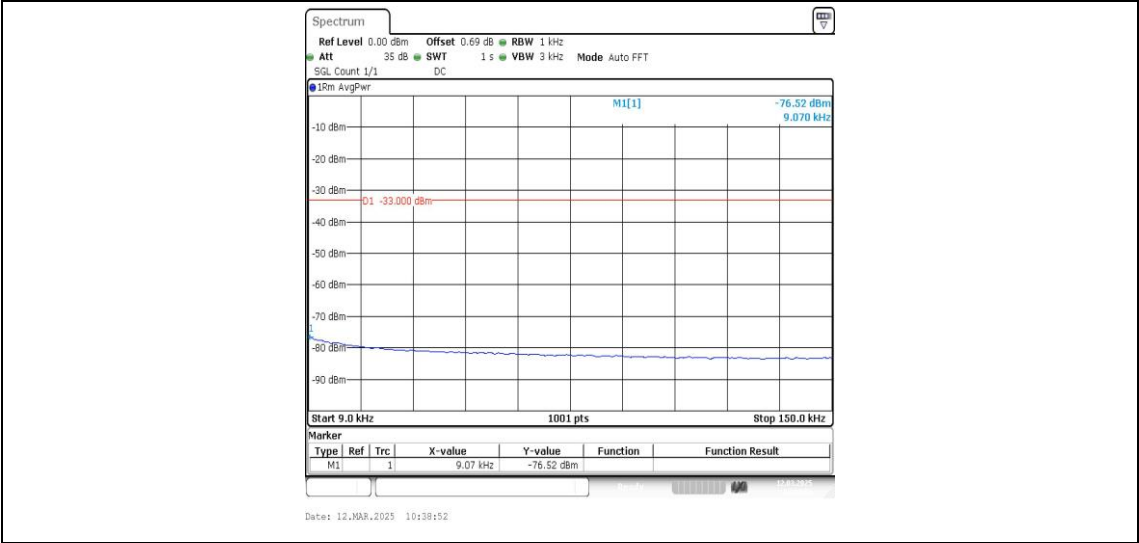
Band5-4233-1-0.15~30MHz-PASS



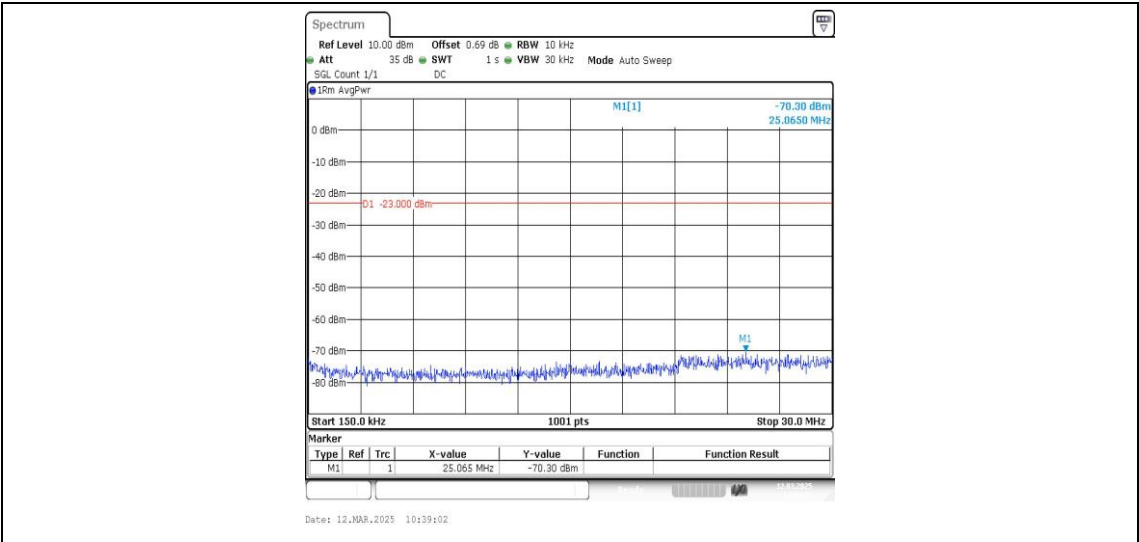
Band5-4233-1-30~1000MHz-PASS



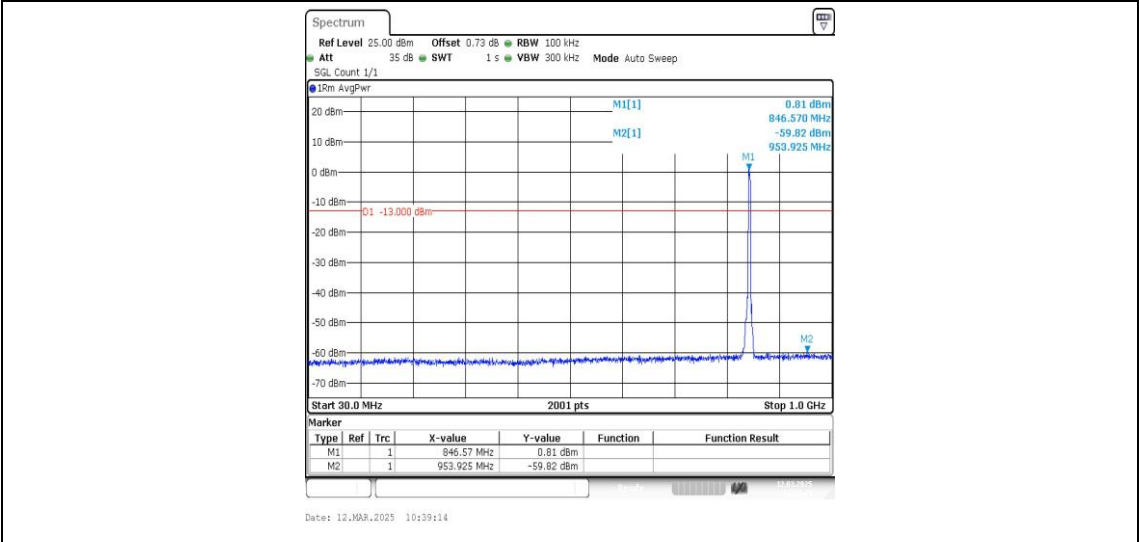
Band5-4233-1-1000~10000MHz-PASS



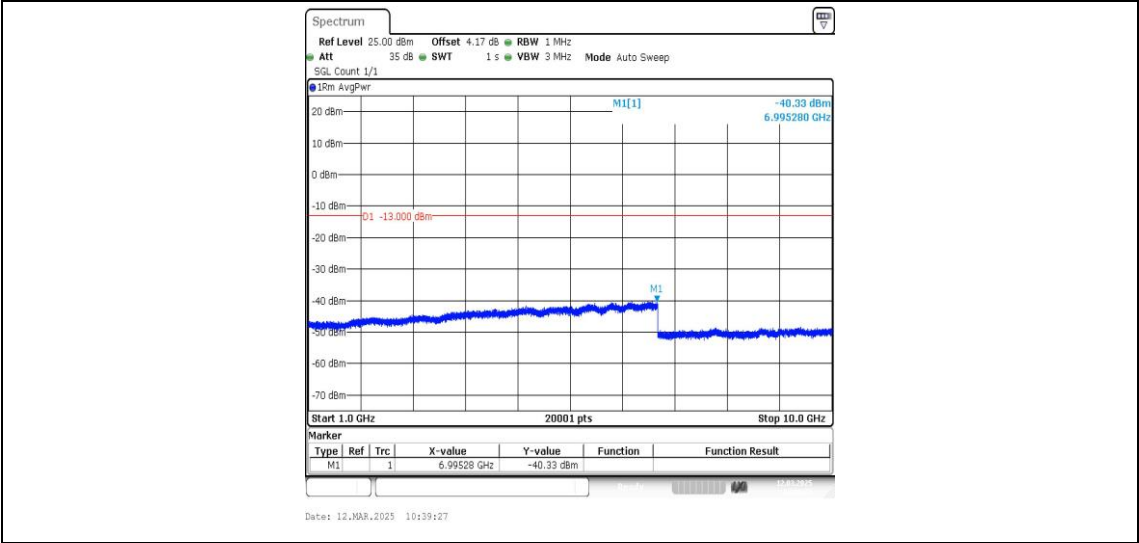
Band5-4233-2-0.009~0.15MHz-PASS



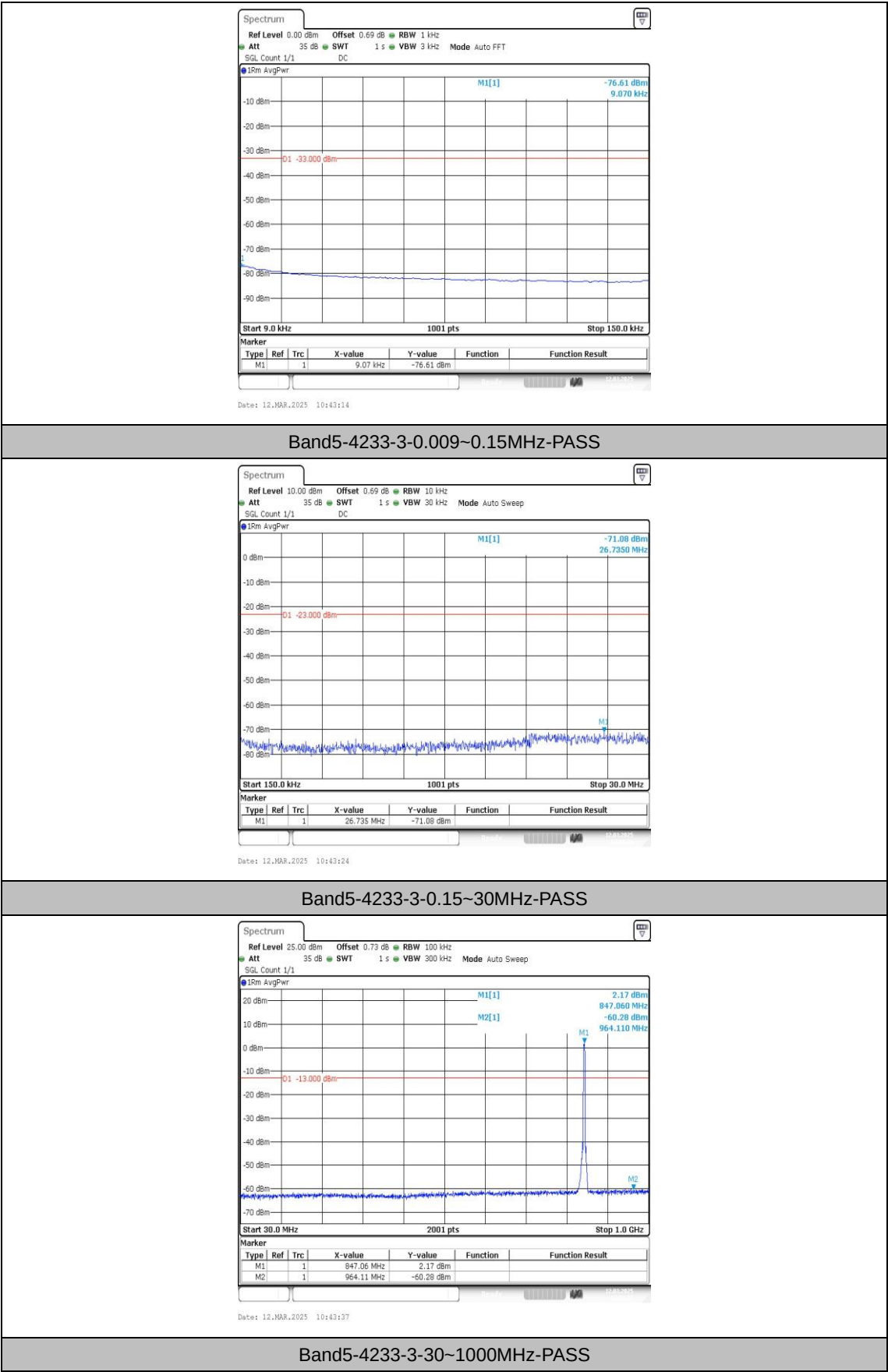
Band5-4233-2-0.15~30MHz-PASS

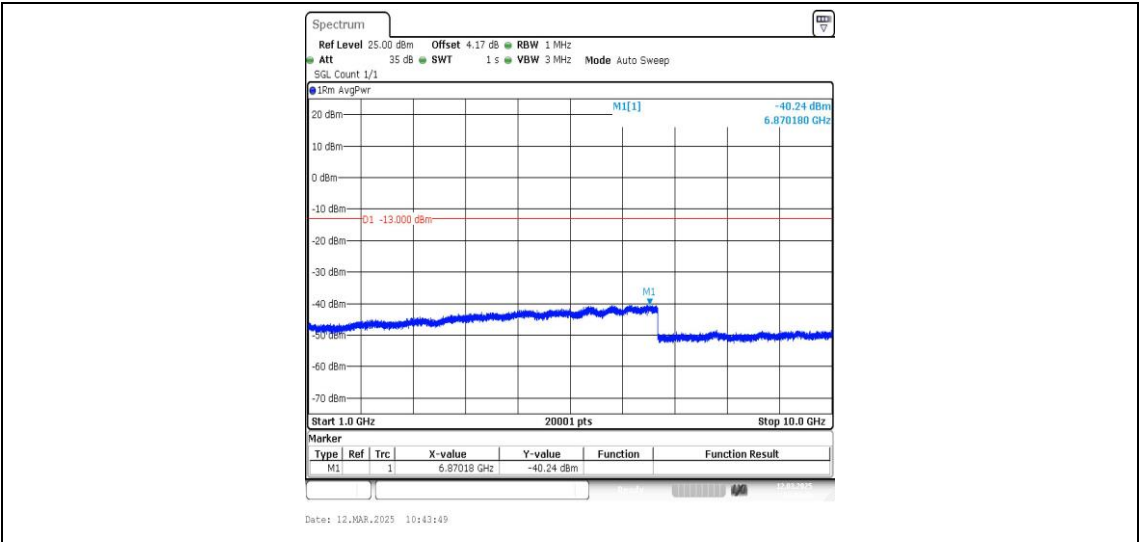


Band5-4233-2-30~1000MHz-PASS

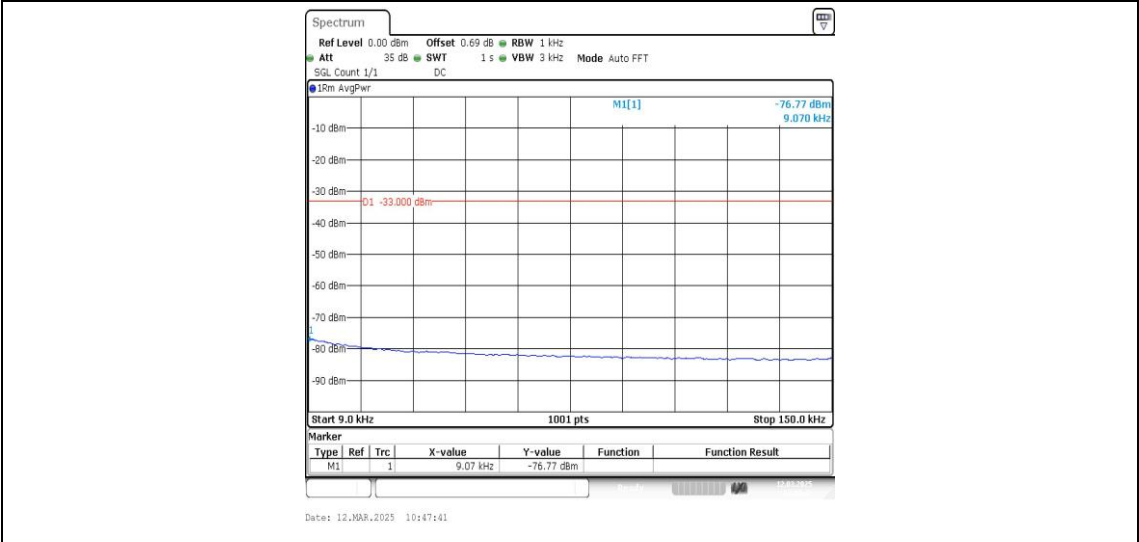


Band5-4233-2-1000~10000MHz-PASS

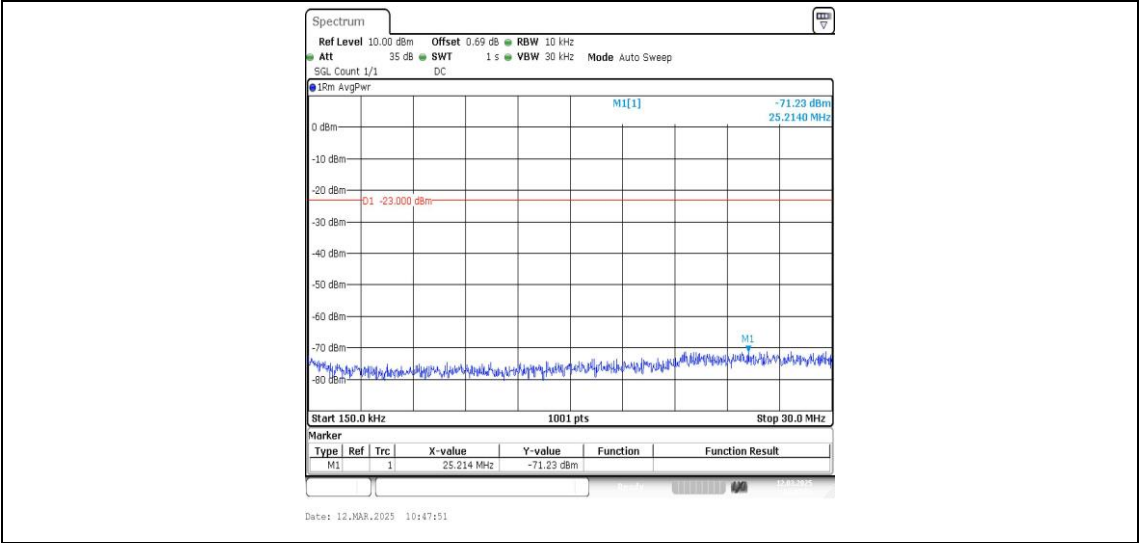




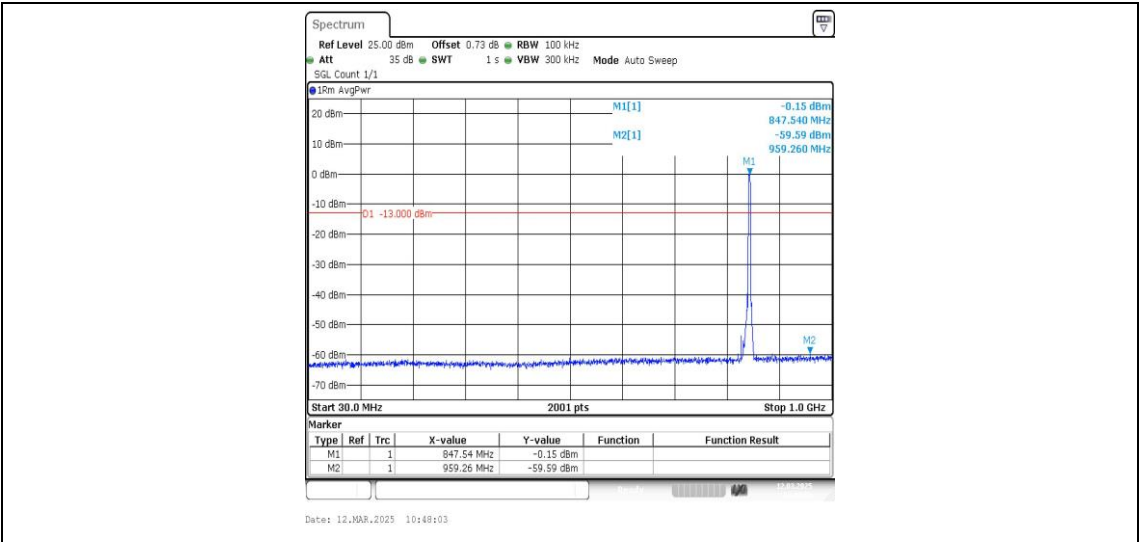
Band5-4233-3-1000~10000MHz-PASS



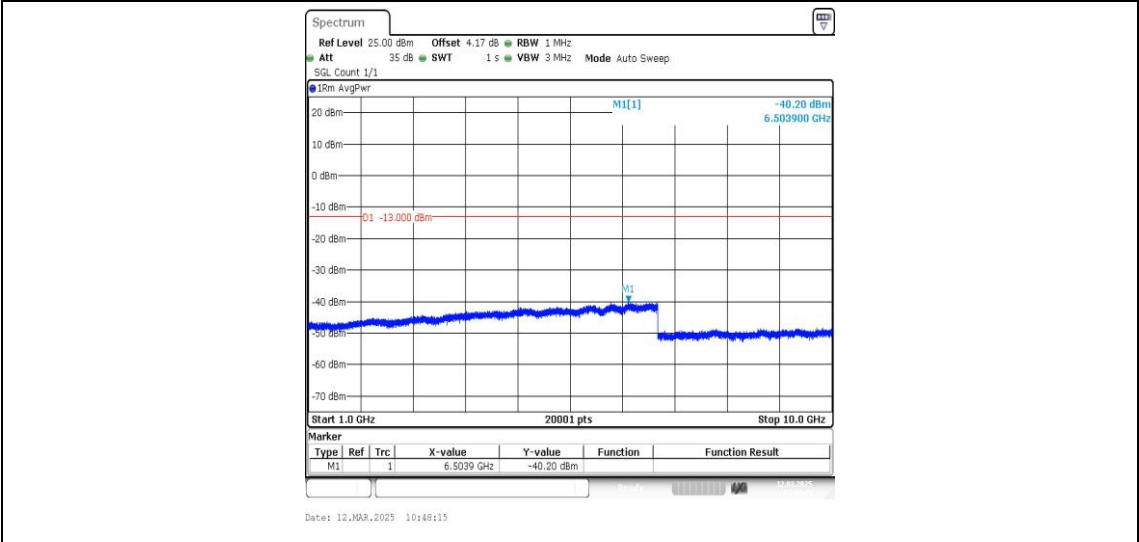
Band5-4233-4-0.009~0.15MHz-PASS



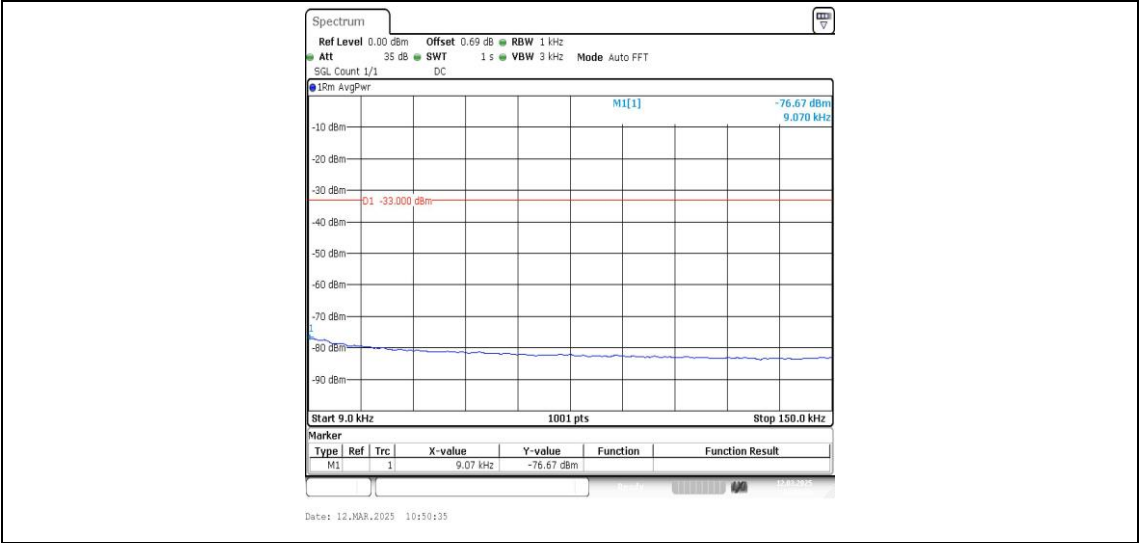
Band5-4233-4-0.15~30MHz-PASS



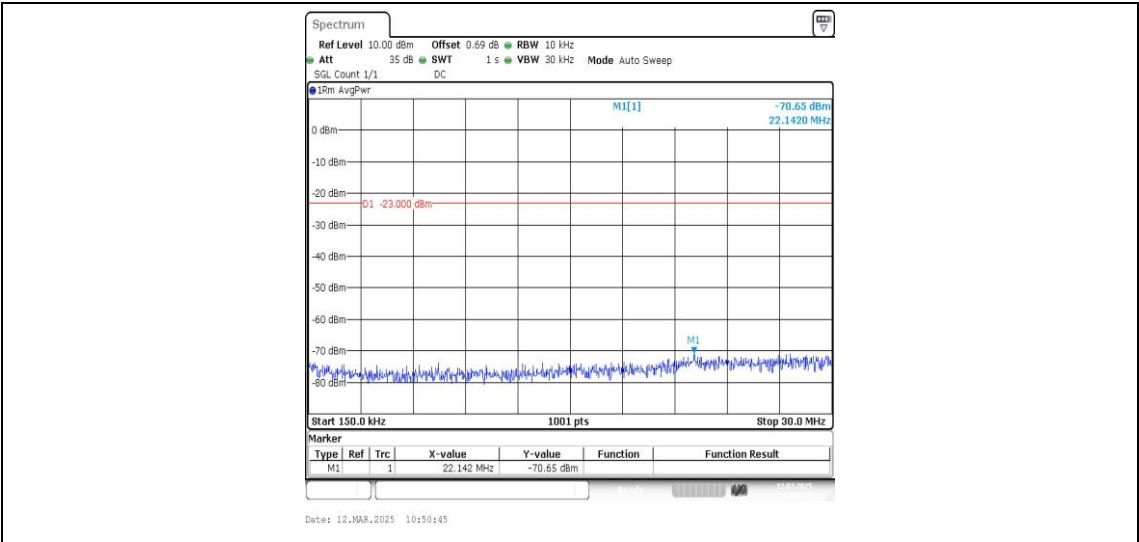
Band5-4233-4-30~1000MHz-PASS



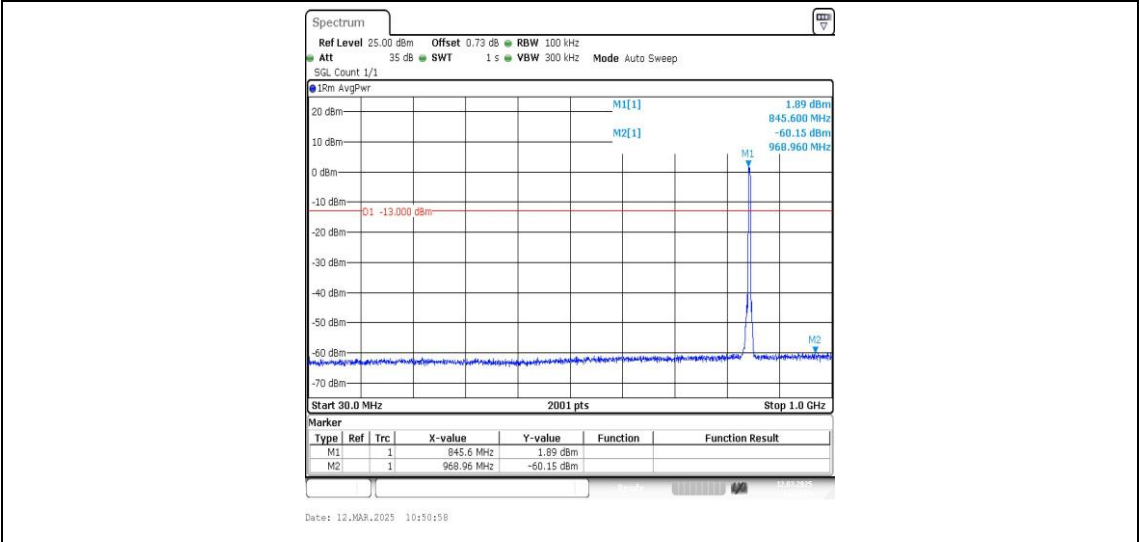
Band5-4233-4-1000~10000MHz-PASS



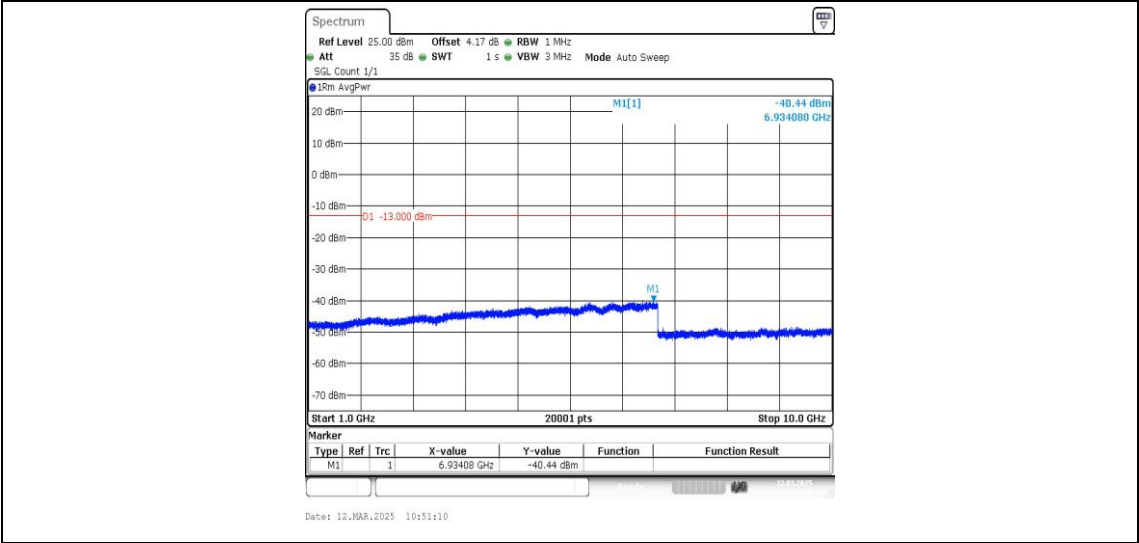
Band5-4233-5-0.009~0.15MHz-PASS



Band5-4233-5-0.15~30MHz-PASS



Band5-4233-5-30~1000MHz-PASS



Band5-4233-5-1000~10000MHz-PASS

## Appendix F: Frequency Stability

### Test Result

| Voltage |         |               |                  |                |                 |             |         |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | VN            | NT               | -11.48         | -0.013892       | ±2.5        | PASS    |
| Band5   | 4132    | VL            | NT               | -12.54         | -0.015174       | ±2.5        | PASS    |
| Band5   | 4132    | VH            | NT               | -11.80         | -0.014279       | ±2.5        | PASS    |
| Band5   | 4182    | VN            | NT               | -5.59          | -0.006683       | ±2.5        | PASS    |
| Band5   | 4182    | VL            | NT               | -9.08          | -0.010856       | ±2.5        | PASS    |
| Band5   | 4182    | VH            | NT               | -5.36          | -0.006408       | ±2.5        | PASS    |
| Band5   | 4233    | VN            | NT               | -13.27         | -0.015674       | ±2.5        | PASS    |
| Band5   | 4233    | VL            | NT               | -9.55          | -0.011280       | ±2.5        | PASS    |
| Band5   | 4233    | VH            | NT               | -6.90          | -0.008150       | ±2.5        | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | NV            | -30              | -10.87         | -0.013153       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -20              | -10.94         | -0.013238       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -10              | -8.80          | -0.010649       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 0                | -8.39          | -0.010152       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 10               | -5.97          | -0.007224       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 20               | -12.13         | -0.014678       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 30               | -11.27         | -0.013637       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 40               | -5.74          | -0.006946       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 50               | -11.27         | -0.013637       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -30              | -10.66         | -0.012745       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -20              | -8.93          | -0.010677       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -10              | -8.79          | -0.010509       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 0                | -9.78          | -0.011693       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 10               | -9.39          | -0.011227       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 20               | -11.58         | -0.013845       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 30               | -10.59         | -0.012661       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 40               | -10.64         | -0.012721       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 50               | -7.42          | -0.008871       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -30              | -9.27          | -0.010950       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -20              | -7.10          | -0.008386       | ±2.5        | PASS    |

|       |      |    |     |        |           |      |      |
|-------|------|----|-----|--------|-----------|------|------|
| Band5 | 4233 | NV | -10 | -4.53  | -0.005351 | ±2.5 | PASS |
| Band5 | 4233 | NV | 0   | -10.11 | -0.011942 | ±2.5 | PASS |
| Band5 | 4233 | NV | 10  | -8.13  | -0.009603 | ±2.5 | PASS |
| Band5 | 4233 | NV | 20  | -14.08 | -0.016631 | ±2.5 | PASS |
| Band5 | 4233 | NV | 30  | -8.32  | -0.009828 | ±2.5 | PASS |
| Band5 | 4233 | NV | 40  | -12.77 | -0.015084 | ±2.5 | PASS |
| Band5 | 4233 | NV | 50  | -10.88 | -0.012851 | ±2.5 | PASS |

| Voltage |         |          |               |                  |                |                 |             |         |
|---------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | 1        | VN            | NT               | -10.91         | -0.013202       | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VL            | NT               | -10.24         | -0.012391       | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VH            | NT               | -9.51          | -0.011508       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VN            | NT               | -5.98          | -0.007236       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VL            | NT               | -6.88          | -0.008325       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VH            | NT               | -6.92          | -0.008374       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VN            | NT               | -13.27         | -0.016058       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VL            | NT               | -14.15         | -0.017122       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VH            | NT               | -11.08         | -0.013408       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VN            | NT               | -9.69          | -0.011726       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VL            | NT               | -10.54         | -0.012754       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VH            | NT               | -6.31          | -0.007636       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VN            | NT               | -9.68          | -0.011573       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VL            | NT               | -8.75          | -0.010462       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VH            | NT               | -7.82          | -0.009350       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VN            | NT               | -12.25         | -0.014646       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VL            | NT               | -7.42          | -0.008871       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VH            | NT               | -8.75          | -0.010462       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VN            | NT               | -14.71         | -0.017587       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VL            | NT               | -7.80          | -0.009326       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VH            | NT               | -4.75          | -0.005679       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VN            | NT               | -9.46          | -0.011310       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VL            | NT               | -11.63         | -0.013905       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VH            | NT               | -9.36          | -0.011191       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VN            | NT               | -15.15         | -0.017895       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VL            | NT               | -6.99          | -0.008257       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VH            | NT               | -11.08         | -0.013088       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VN            | NT               | -8.85          | -0.010454       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VL            | NT               | -9.16          | -0.010820       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VH            | NT               | -13.07         | -0.015438       | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VN            | NT               | -8.52          | -0.010064       | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VL            | NT               | -12.12         | -0.014316       | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VH            | NT               | -5.28          | -0.006237       | ±2.5        | PASS    |
| Band5   | 4233    | 4        | VN            | NT               | -9.96          | -0.011765       | ±2.5        | PASS    |
| Band5   | 4233    | 4        | VL            | NT               | -10.21         | -0.012060       | ±2.5        | PASS    |
| Band5   | 4233    | 4        | VH            | NT               | -5.27          | -0.006225       | ±2.5        | PASS    |

| Temperature |         |          |               |                  |                |                 |             |         |
|-------------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | 1        | NV            | -30              | -6.33          | -0.007660       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -20              | -8.60          | -0.010407       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -10              | -12.75         | -0.015428       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 0                | -7.90          | -0.009560       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 10               | -9.42          | -0.011399       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 20               | -11.72         | -0.014182       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 30               | -10.56         | -0.012778       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 40               | -7.49          | -0.009063       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 50               | -6.19          | -0.007490       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -30              | -9.48          | -0.011471       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -20              | -8.38          | -0.010140       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -10              | -8.56          | -0.010358       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 0                | -3.88          | -0.004695       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 10               | -10.47         | -0.012669       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 20               | -7.96          | -0.009632       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 30               | -13.60         | -0.016457       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 40               | -7.92          | -0.009584       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 50               | -13.58         | -0.016433       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -30              | -12.72         | -0.015392       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -20              | -9.61          | -0.011629       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -10              | -8.78          | -0.010624       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 0                | -12.60         | -0.015247       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 10               | -9.65          | -0.011677       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 20               | -12.31         | -0.014896       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 30               | -6.80          | -0.008228       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 40               | -8.43          | -0.010201       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 50               | -12.07         | -0.014606       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -30              | -8.73          | -0.010564       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -20              | -6.54          | -0.007914       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -10              | -11.93         | -0.014436       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 0                | -7.33          | -0.008870       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 10               | -11.78         | -0.014255       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 20               | -5.82          | -0.007043       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 30               | -8.28          | -0.010019       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 40               | -10.75         | -0.013008       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 50               | -5.29          | -0.006401       | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | -30              | -10.88         | -0.013008       | ±2.5        | PASS    |

|       |      |   |    |     |        |           |      |      |
|-------|------|---|----|-----|--------|-----------|------|------|
| Band5 | 4182 | 1 | NV | -20 | -12.20 | -0.014586 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -10 | -8.74  | -0.010450 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 0   | -10.46 | -0.012506 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 10  | -8.37  | -0.010007 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 20  | -5.31  | -0.006349 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 30  | -9.52  | -0.011382 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 40  | -6.92  | -0.008274 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 50  | -11.17 | -0.013355 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -30 | -7.83  | -0.009362 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -20 | -12.52 | -0.014969 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -10 | -6.19  | -0.007401 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 0   | -9.51  | -0.011370 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 10  | -10.89 | -0.013020 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 20  | -3.88  | -0.004639 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 30  | -5.95  | -0.007114 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 40  | -8.85  | -0.010581 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 50  | -10.20 | -0.012195 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -30 | -12.46 | -0.014897 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -20 | -8.88  | -0.010617 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -10 | -13.43 | -0.016057 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 0   | -4.83  | -0.005775 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 10  | -7.13  | -0.008525 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 20  | -9.09  | -0.010868 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 30  | -10.76 | -0.012865 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 40  | -1.91  | -0.002284 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 50  | -3.27  | -0.003910 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -30 | -6.88  | -0.008226 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -20 | -10.26 | -0.012267 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -10 | -5.73  | -0.006851 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 0   | -9.23  | -0.011035 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 10  | -13.16 | -0.015734 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 20  | -4.81  | -0.005751 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 30  | -5.49  | -0.006564 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 40  | -8.40  | -0.010043 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 50  | -11.42 | -0.013654 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -30 | -5.69  | -0.006721 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -20 | -10.05 | -0.011871 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -10 | -13.36 | -0.015781 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 0   | -7.54  | -0.008906 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 10  | -11.99 | -0.014163 | ±2.5 | PASS |

|       |      |   |    |     |        |           |      |      |
|-------|------|---|----|-----|--------|-----------|------|------|
| Band5 | 4233 | 1 | NV | 20  | -7.07  | -0.008351 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 30  | -8.80  | -0.010395 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 40  | -12.65 | -0.014942 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 50  | -6.42  | -0.007583 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -30 | -8.90  | -0.010513 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -20 | -5.56  | -0.006567 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -10 | -9.85  | -0.011635 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 0   | -14.07 | -0.016619 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 10  | -7.07  | -0.008351 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 20  | -8.03  | -0.009485 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 30  | -11.14 | -0.013159 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 40  | -10.61 | -0.012532 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 50  | -3.24  | -0.003827 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -30 | -11.74 | -0.013867 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -20 | -6.82  | -0.008056 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -10 | -11.86 | -0.014009 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 0   | -6.70  | -0.007914 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 10  | -11.48 | -0.013560 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 20  | -12.88 | -0.015214 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 30  | -3.61  | -0.004264 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 40  | -7.47  | -0.008824 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 50  | -9.02  | -0.010654 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -30 | -5.19  | -0.006130 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -20 | -8.53  | -0.010076 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -10 | -11.54 | -0.013631 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 0   | -4.51  | -0.005327 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 10  | -8.25  | -0.009745 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 20  | -10.71 | -0.012651 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 30  | -5.52  | -0.006520 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 40  | -8.12  | -0.009591 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 50  | -9.86  | -0.011647 | ±2.5 | PASS |

| Voltage |         |          |               |                  |                |                 |             |         |
|---------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | 1        | VN            | NT               | -11.74         | -0.014206       | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VL            | NT               | -14.34         | -0.017352       | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VH            | NT               | -12.05         | -0.014581       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VN            | NT               | -7.61          | -0.009209       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VL            | NT               | -12.30         | -0.014884       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VH            | NT               | -11.92         | -0.014424       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VN            | NT               | -10.04         | -0.012149       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VL            | NT               | -9.28          | -0.011229       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VH            | NT               | -7.91          | -0.009572       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VN            | NT               | -11.92         | -0.014424       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VL            | NT               | -13.39         | -0.016203       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VH            | NT               | -7.90          | -0.009560       | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VN            | NT               | -12.50         | -0.015126       | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VL            | NT               | -9.43          | -0.011411       | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VH            | NT               | -12.09         | -0.014630       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VN            | NT               | -10.16         | -0.012147       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VL            | NT               | -13.65         | -0.016320       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VH            | NT               | -9.48          | -0.011334       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VN            | NT               | -13.60         | -0.016260       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VL            | NT               | -8.94          | -0.010689       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VH            | NT               | -10.41         | -0.012446       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VN            | NT               | -10.24         | -0.012243       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VL            | NT               | -10.39         | -0.012422       | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VH            | NT               | -8.00          | -0.009565       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VN            | NT               | -13.33         | -0.015937       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VL            | NT               | -8.71          | -0.010414       | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VH            | NT               | -7.55          | -0.009027       | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VN            | NT               | -12.11         | -0.014479       | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VL            | NT               | -10.24         | -0.012243       | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VH            | NT               | -7.27          | -0.008692       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VN            | NT               | -7.90          | -0.009331       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VL            | NT               | -13.65         | -0.016123       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VH            | NT               | -6.84          | -0.008079       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VN            | NT               | -9.65          | -0.011399       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VL            | NT               | -9.10          | -0.010749       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VH            | NT               | -6.37          | -0.007524       | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VN            | NT               | -7.58          | -0.008953       | ±2.5        | PASS    |

|       |      |   |    |    |        |           |      |      |
|-------|------|---|----|----|--------|-----------|------|------|
| Band5 | 4233 | 3 | VL | NT | -14.39 | -0.016997 | ±2.5 | PASS |
| Band5 | 4233 | 3 | VH | NT | -5.69  | -0.006721 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VN | NT | -9.46  | -0.011174 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VL | NT | -9.40  | -0.011103 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VH | NT | -10.46 | -0.012355 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VN | NT | -11.47 | -0.013548 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VL | NT | -7.82  | -0.009237 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VH | NT | -9.73  | -0.011493 | ±2.5 | PASS |

| Temperature |         |          |               |                  |                |                 |             |         |
|-------------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | 1        | NV            | -30              | -9.50          | -0.011496       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -20              | -6.37          | -0.007708       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -10              | -8.78          | -0.010624       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 0                | -6.88          | -0.008325       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 10               | -9.57          | -0.011580       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 20               | -13.15         | -0.015912       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 30               | -12.02         | -0.014545       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 40               | -9.78          | -0.011834       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 50               | -4.96          | -0.006002       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -30              | -10.06         | -0.012173       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -20              | -10.05         | -0.012161       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -10              | -5.71          | -0.006909       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 0                | -6.88          | -0.008325       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 10               | -6.89          | -0.008337       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 20               | -9.98          | -0.012076       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 30               | -11.59         | -0.014025       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 40               | -5.61          | -0.006788       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 50               | -8.55          | -0.010346       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -30              | -12.59         | -0.015235       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -20              | -10.16         | -0.012294       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -10              | -3.91          | -0.004731       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 0                | -5.64          | -0.006825       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 10               | -8.63          | -0.010443       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 20               | -9.60          | -0.011617       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 30               | -8.47          | -0.010249       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 40               | -8.86          | -0.010721       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 50               | -11.84         | -0.014327       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -30              | -12.80         | -0.015489       | ±2.5        | PASS    |

|       |      |   |    |     |        |           |      |      |
|-------|------|---|----|-----|--------|-----------|------|------|
| Band5 | 4132 | 4 | NV | -20 | -7.20  | -0.008712 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | -10 | -10.77 | -0.013032 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 0   | -10.36 | -0.012536 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 10  | -9.38  | -0.011350 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 20  | -7.25  | -0.008773 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 30  | -3.79  | -0.004586 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 40  | -9.01  | -0.010903 | ±2.5 | PASS |
| Band5 | 4132 | 4 | NV | 50  | -6.09  | -0.007369 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -30 | -10.30 | -0.012464 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -20 | -9.21  | -0.011145 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | -10 | -7.19  | -0.008700 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 0   | -11.52 | -0.013940 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 10  | -5.54  | -0.006704 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 20  | -4.04  | -0.004889 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 30  | -5.49  | -0.006643 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 40  | -8.80  | -0.010649 | ±2.5 | PASS |
| Band5 | 4132 | 5 | NV | 50  | -8.48  | -0.010261 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -30 | -11.04 | -0.013199 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -20 | -8.43  | -0.010079 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | -10 | -7.59  | -0.009075 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 0   | -6.77  | -0.008094 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 10  | -10.66 | -0.012745 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 20  | -9.53  | -0.011394 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 30  | -5.56  | -0.006648 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 40  | -11.84 | -0.014156 | ±2.5 | PASS |
| Band5 | 4182 | 1 | NV | 50  | -6.56  | -0.007843 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -30 | -8.28  | -0.009900 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -20 | -14.33 | -0.017133 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -10 | -5.69  | -0.006803 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 0   | -9.69  | -0.011585 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 10  | -7.44  | -0.008895 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 20  | -9.68  | -0.011573 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 30  | -6.63  | -0.007927 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 40  | -4.70  | -0.005619 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 50  | -9.93  | -0.011872 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -30 | -7.52  | -0.008991 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -20 | -6.59  | -0.007879 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -10 | -9.18  | -0.010976 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 0   | -8.78  | -0.010497 | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 10  | -8.31  | -0.009935 | ±2.5 | PASS |