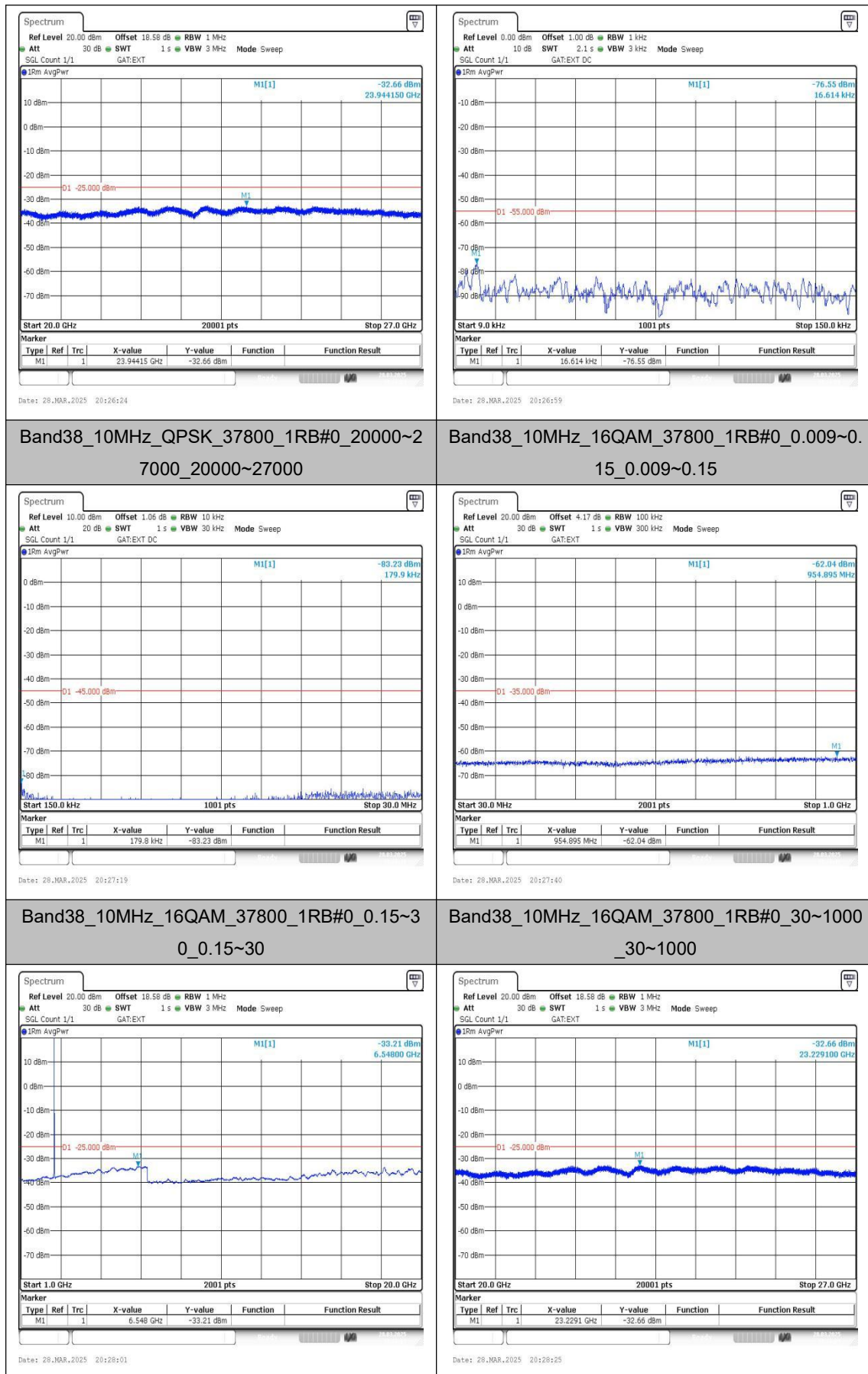
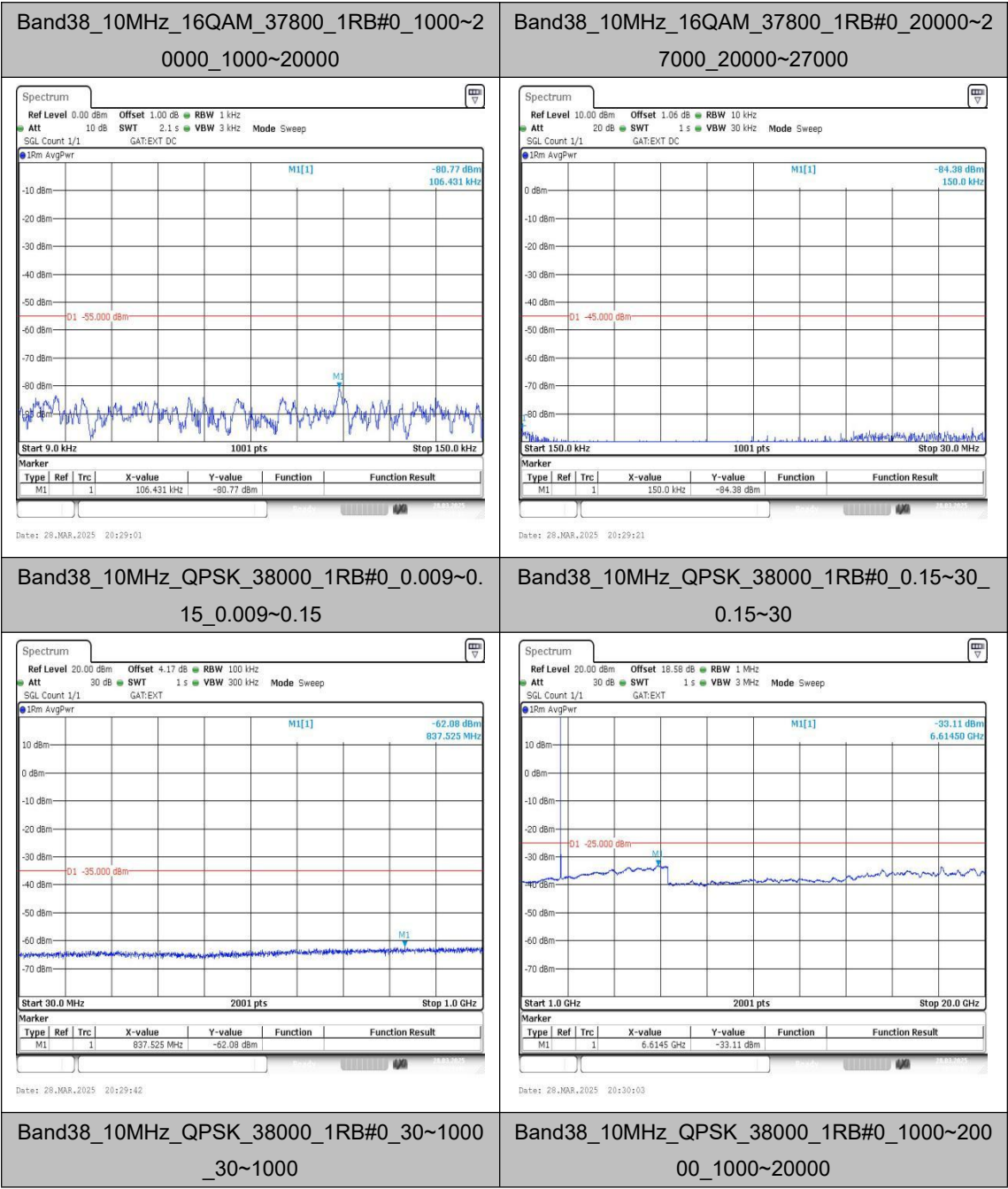
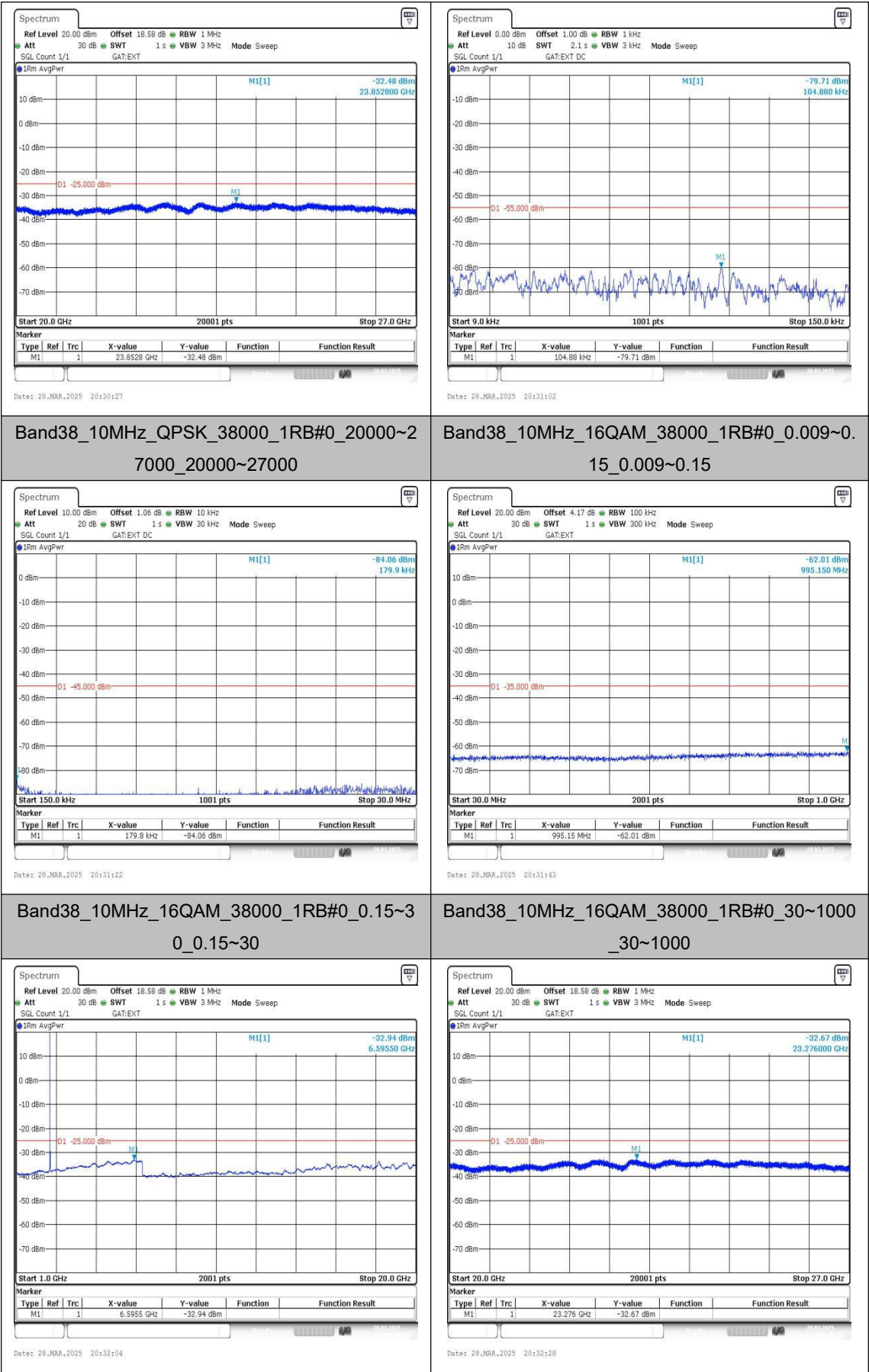
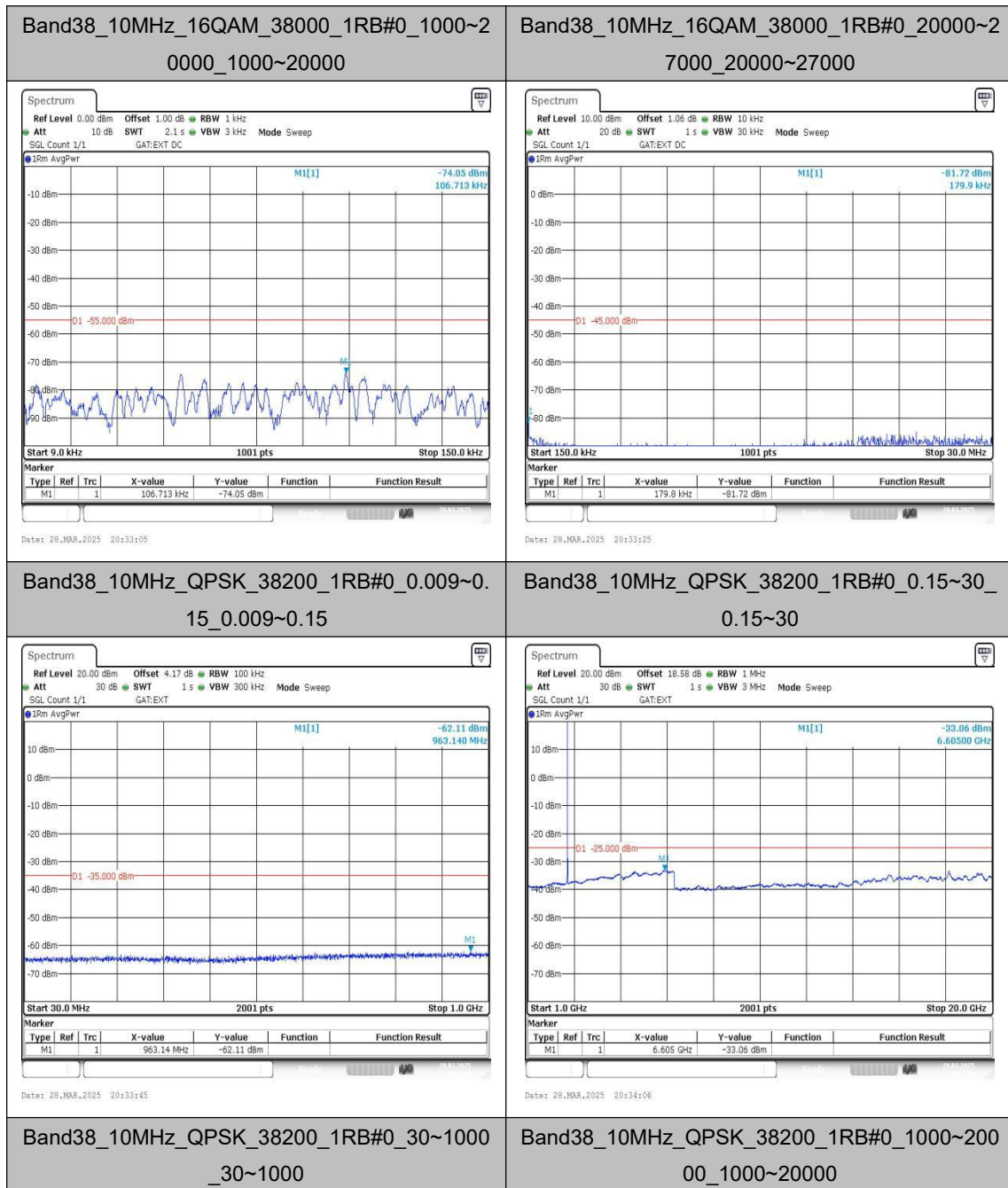
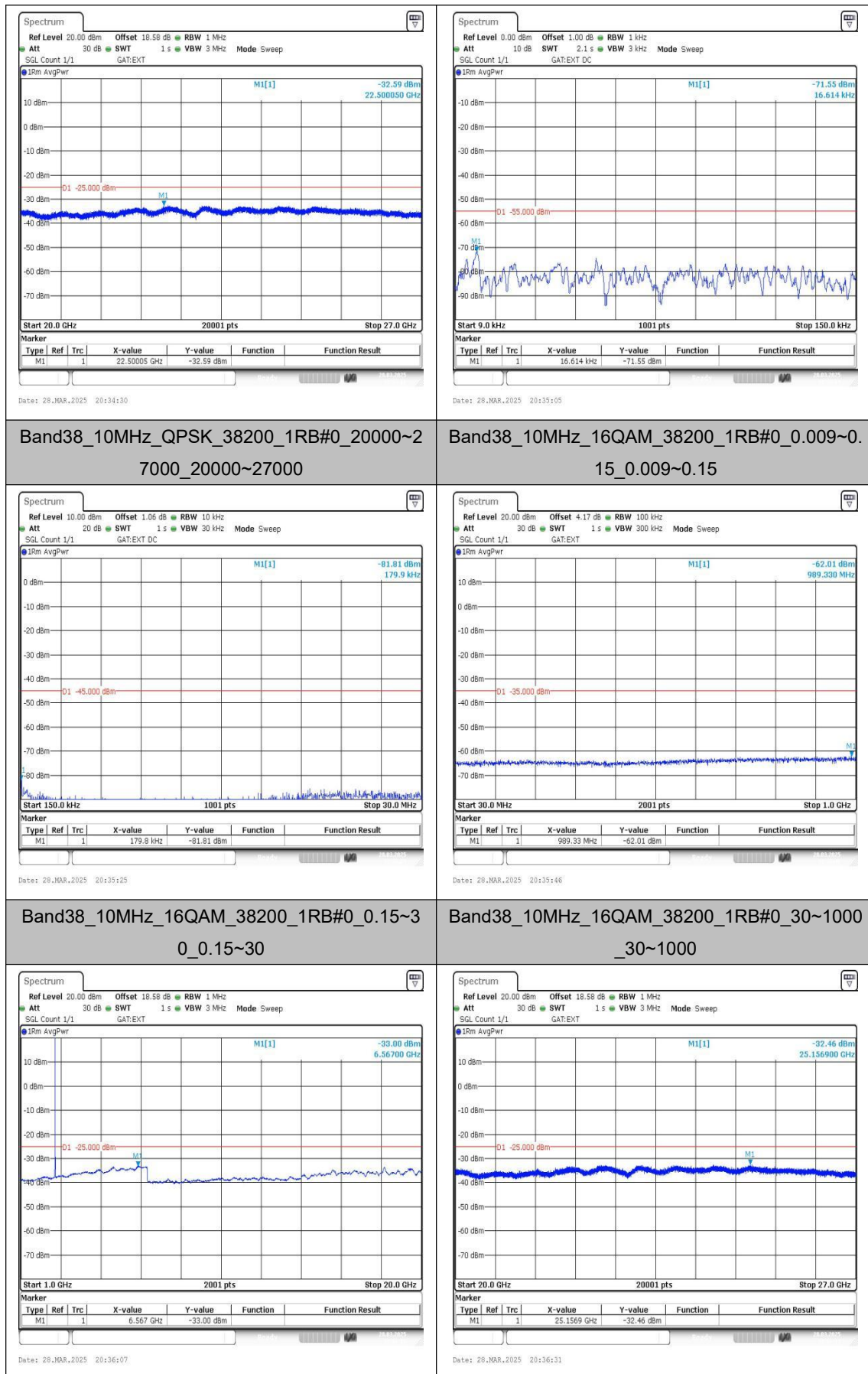


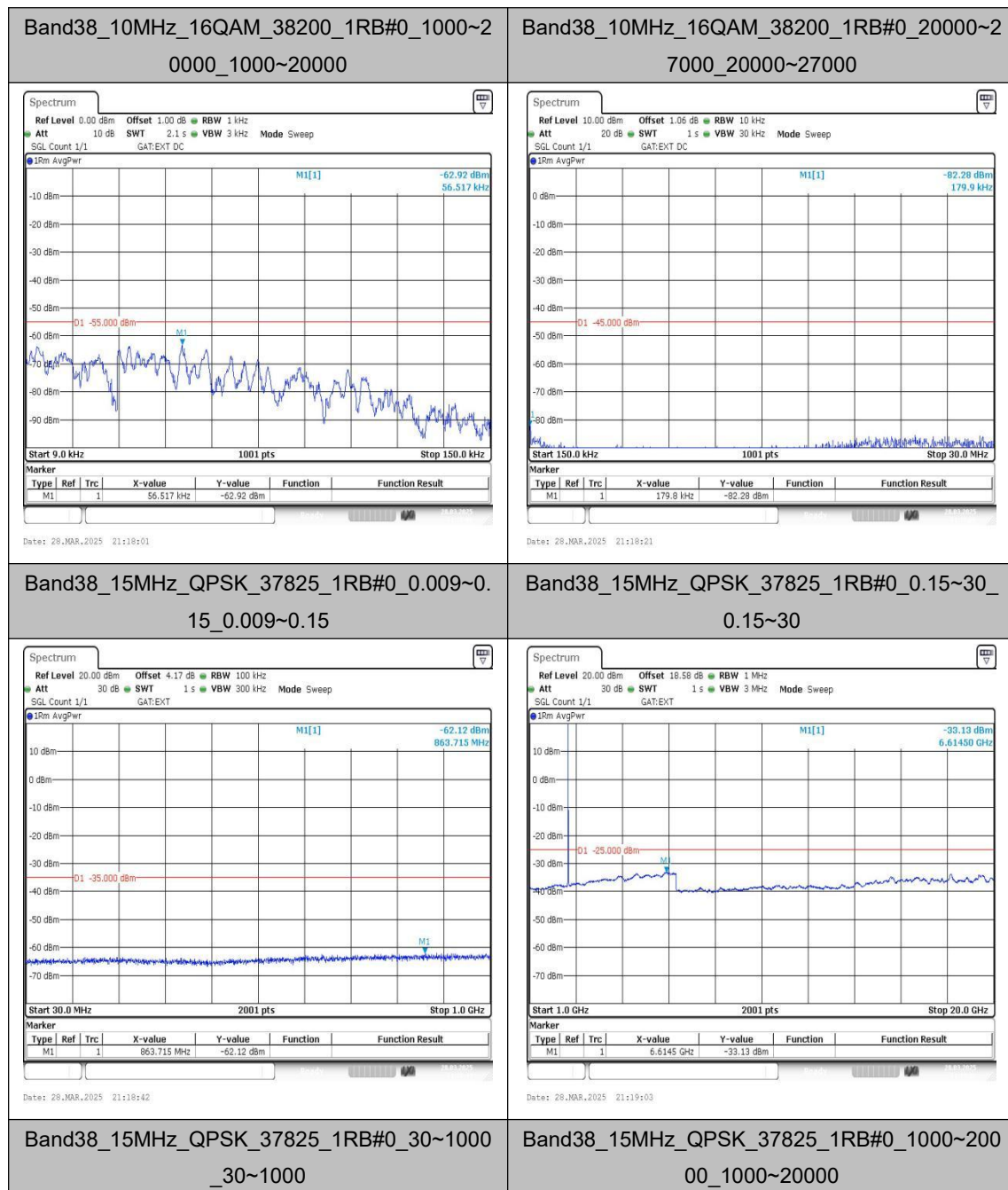




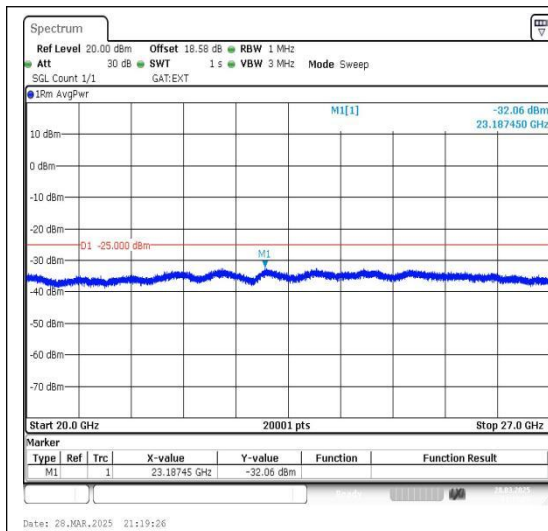




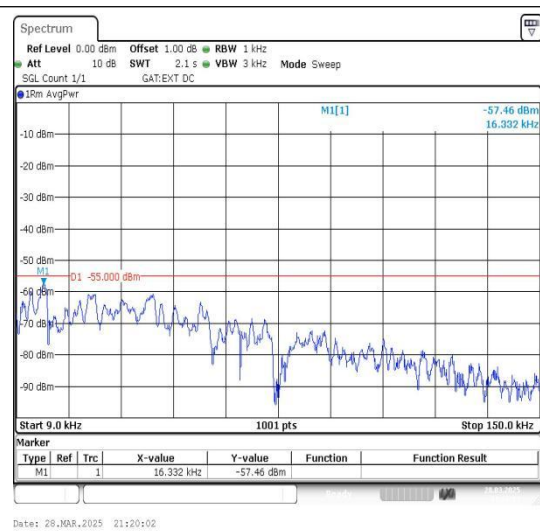




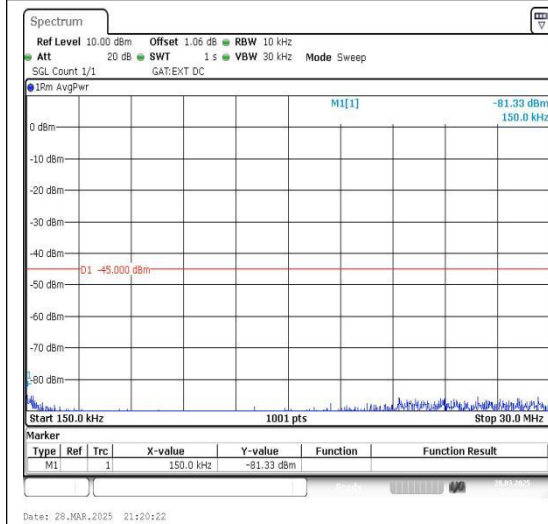




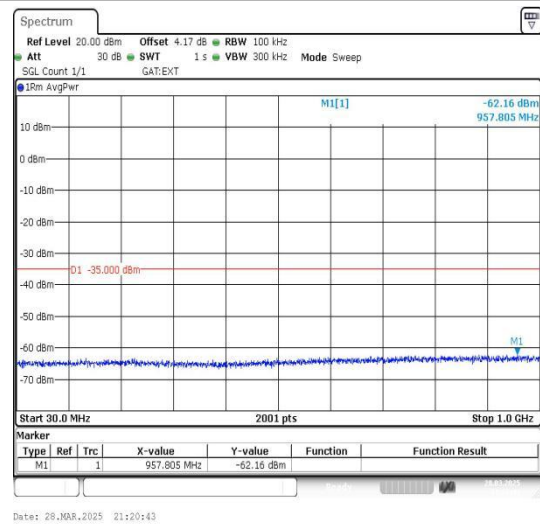
Band38\_15MHz\_QPSK\_37825\_1RB#0\_20000~27000\_20000~27000



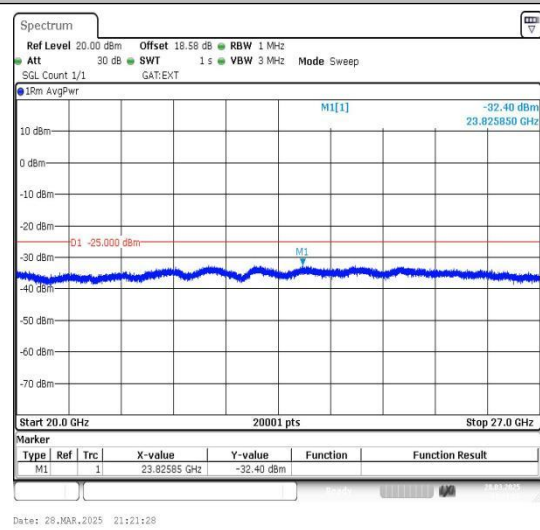
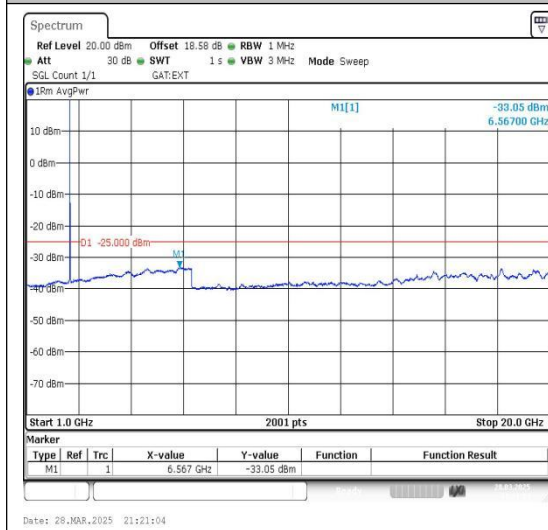
Band38\_15MHz\_16QAM\_37825\_1RB#0\_0.009~0.15\_0.009~0.15

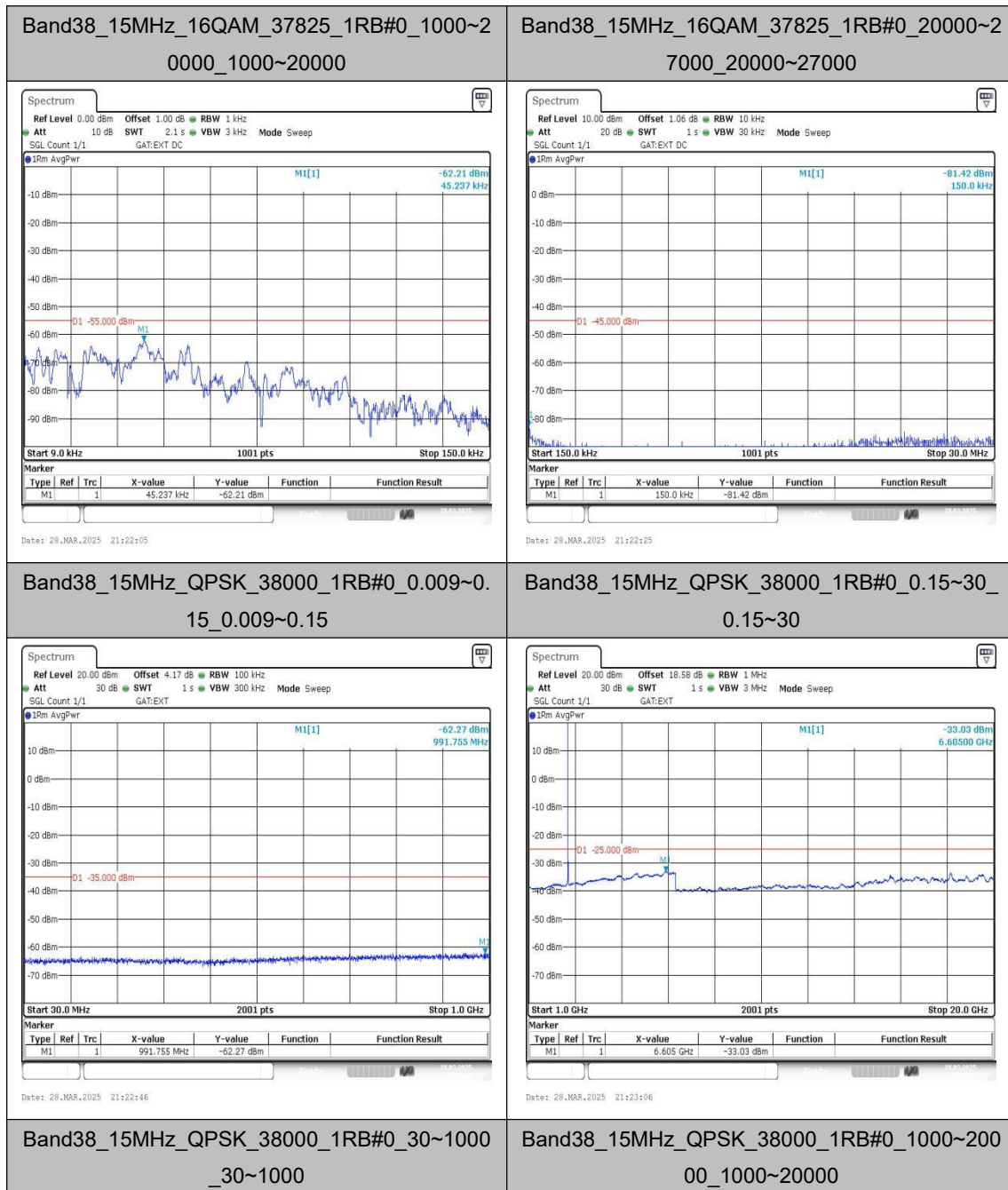


Band38\_15MHz\_QPSK\_37825\_1RB#0\_0.15~3\_0.15~30

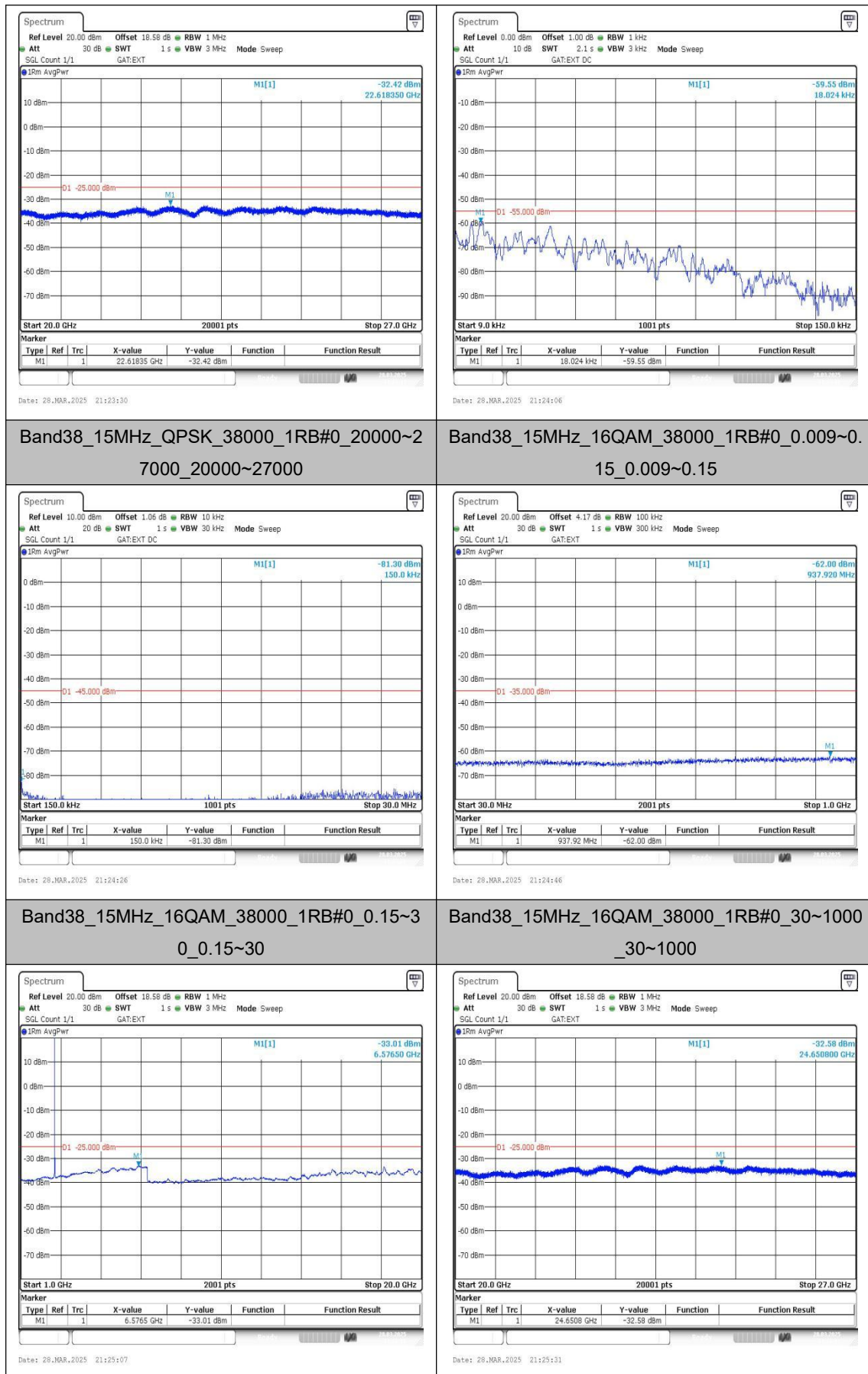


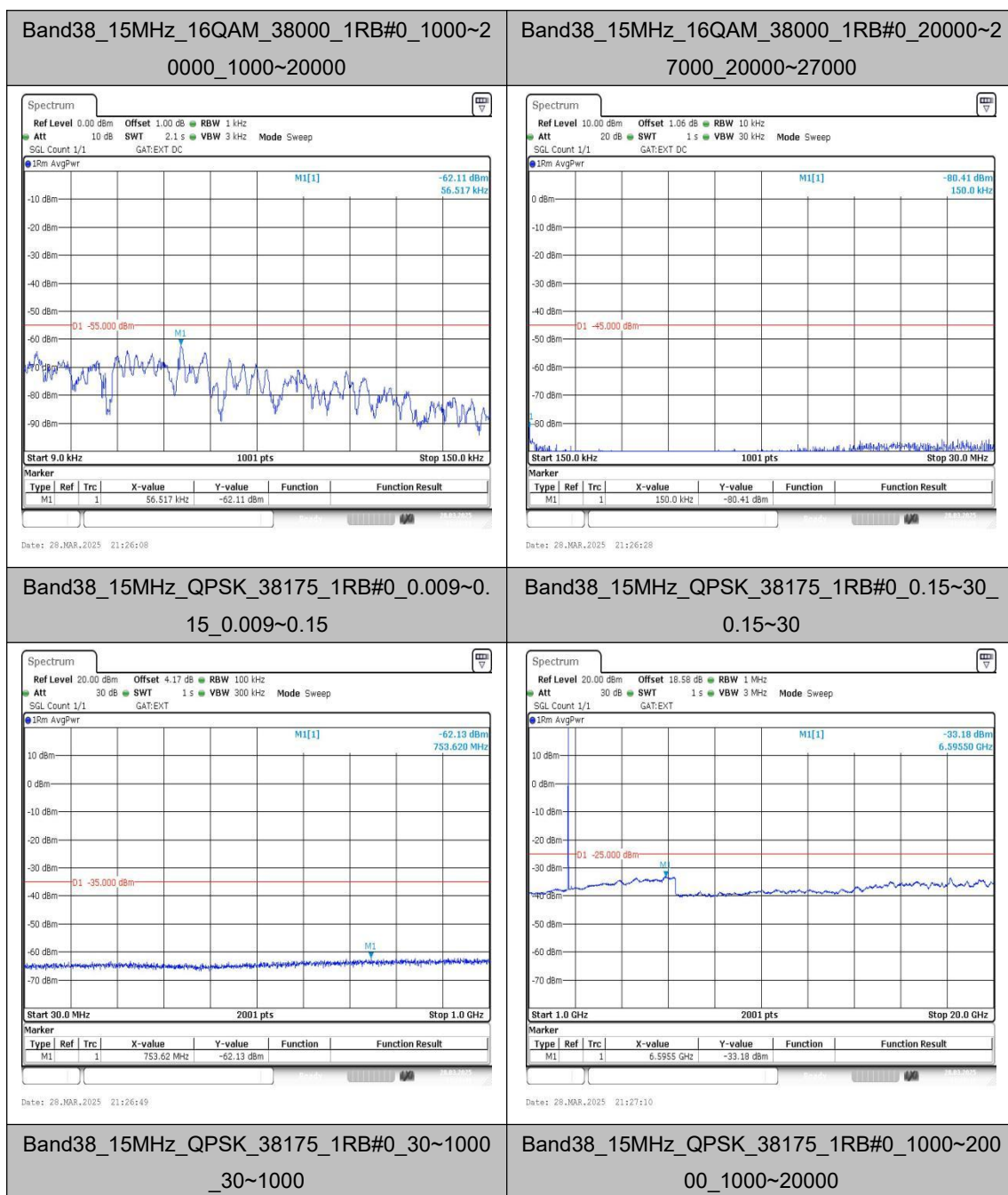
Band38\_15MHz\_16QAM\_37825\_1RB#0\_30~1000\_30~1000

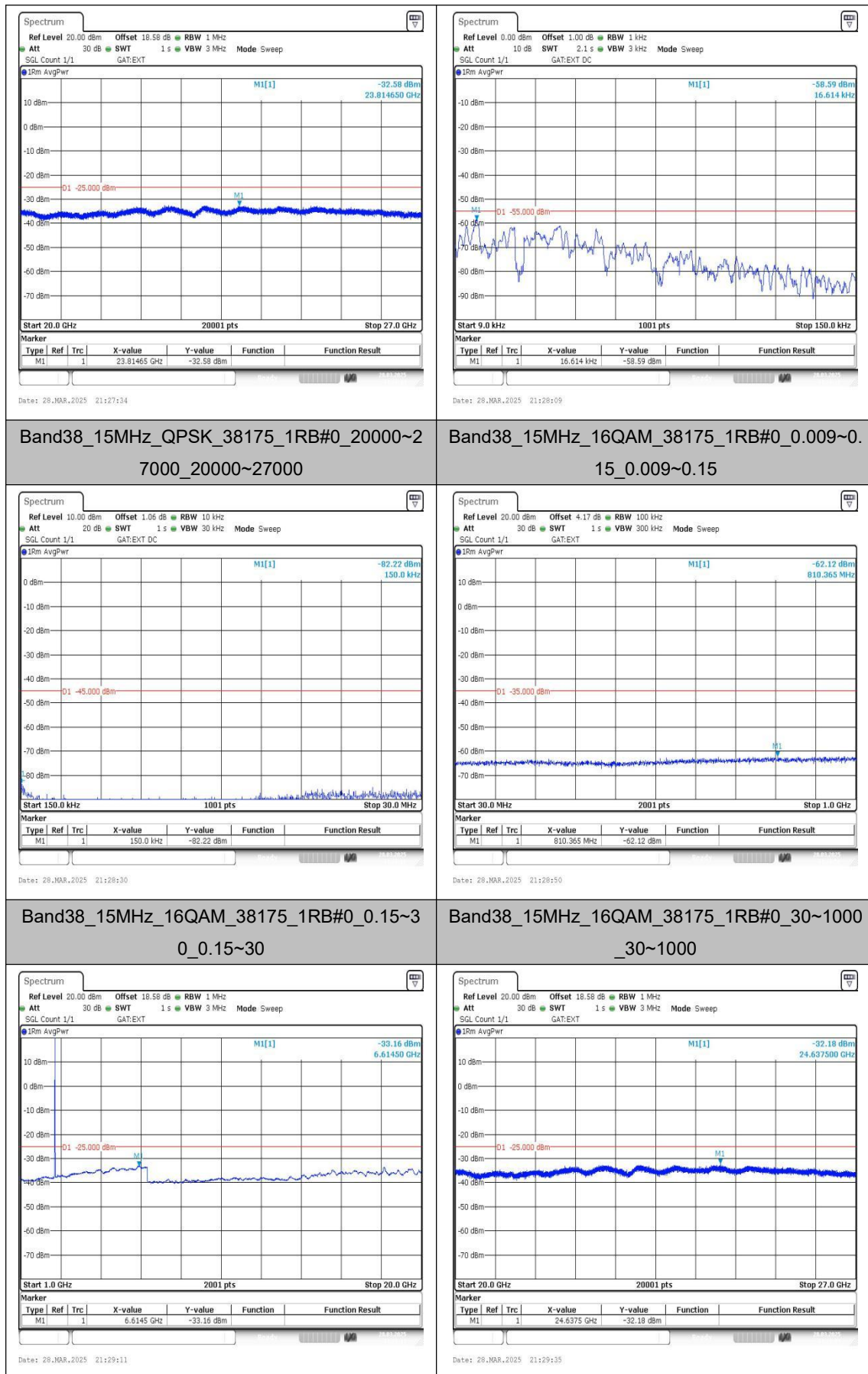


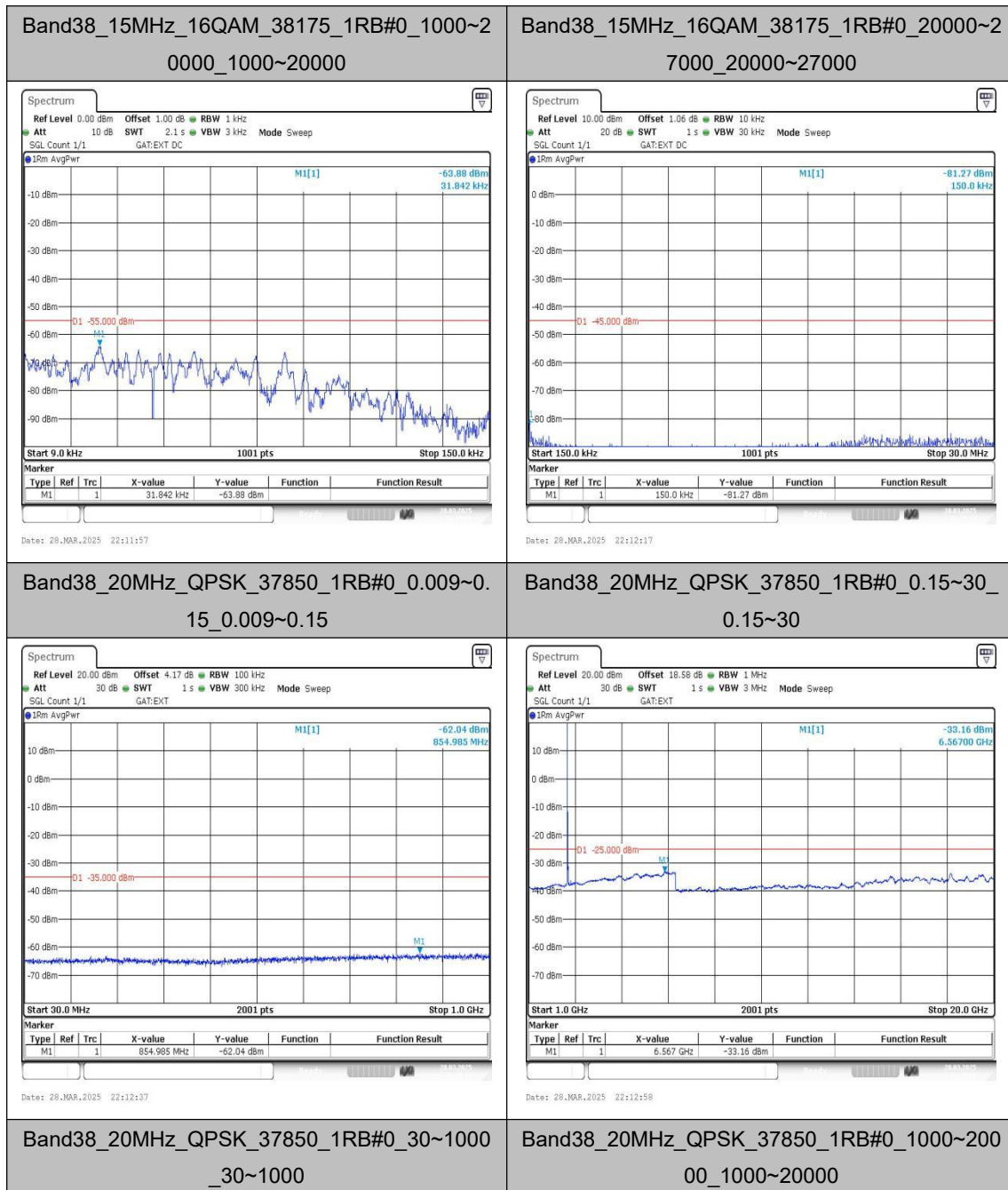


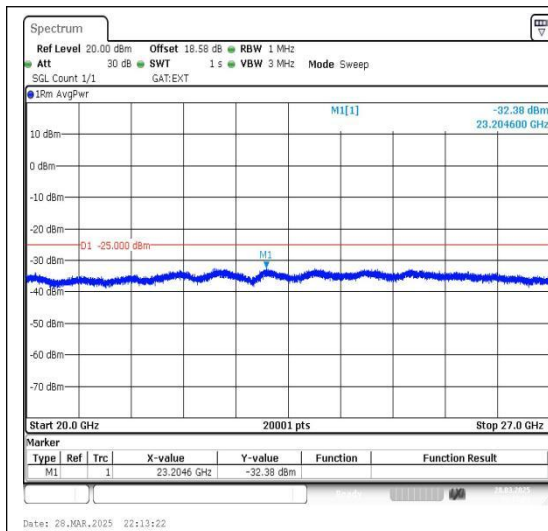




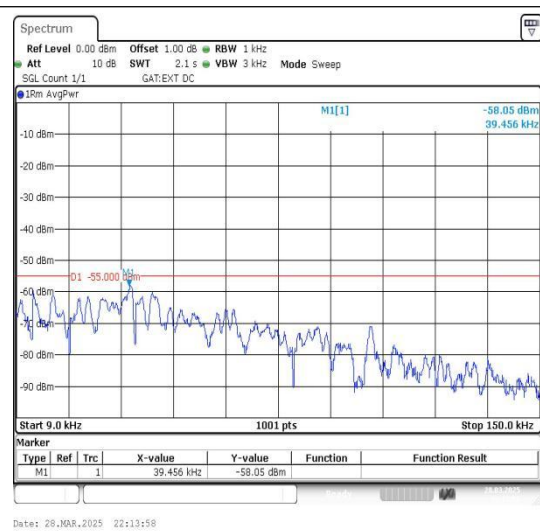




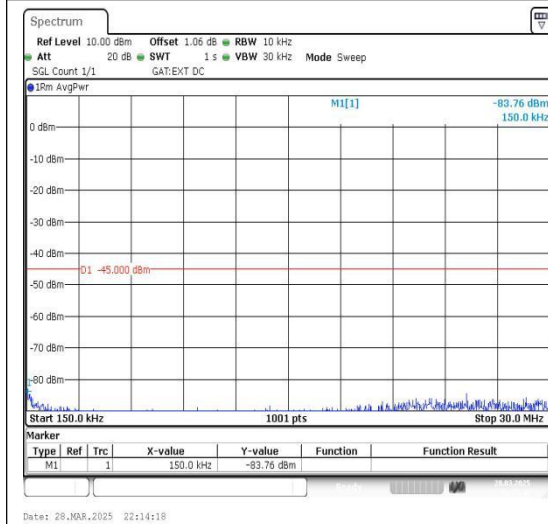




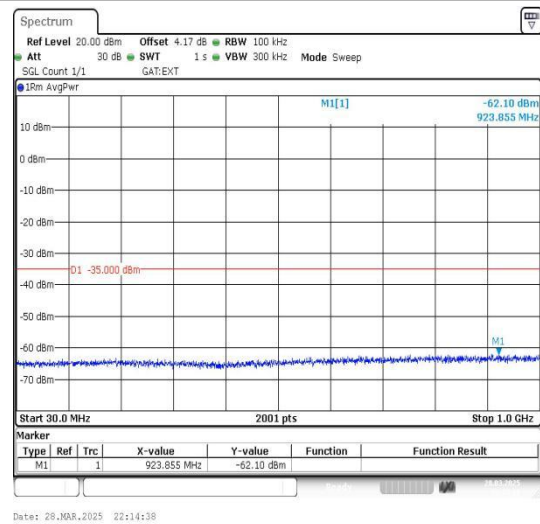
Band38\_20MHz\_QPSK\_37850\_1RB#0\_20000~27000\_20000~27000



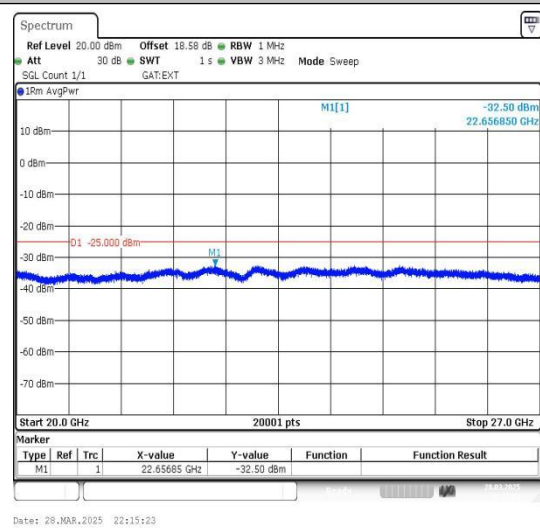
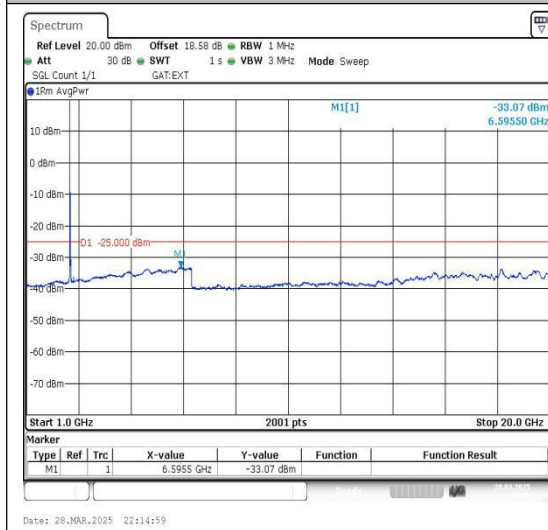
Band38\_20MHz\_16QAM\_37850\_1RB#0\_0.009~0.15\_0.009~0.15

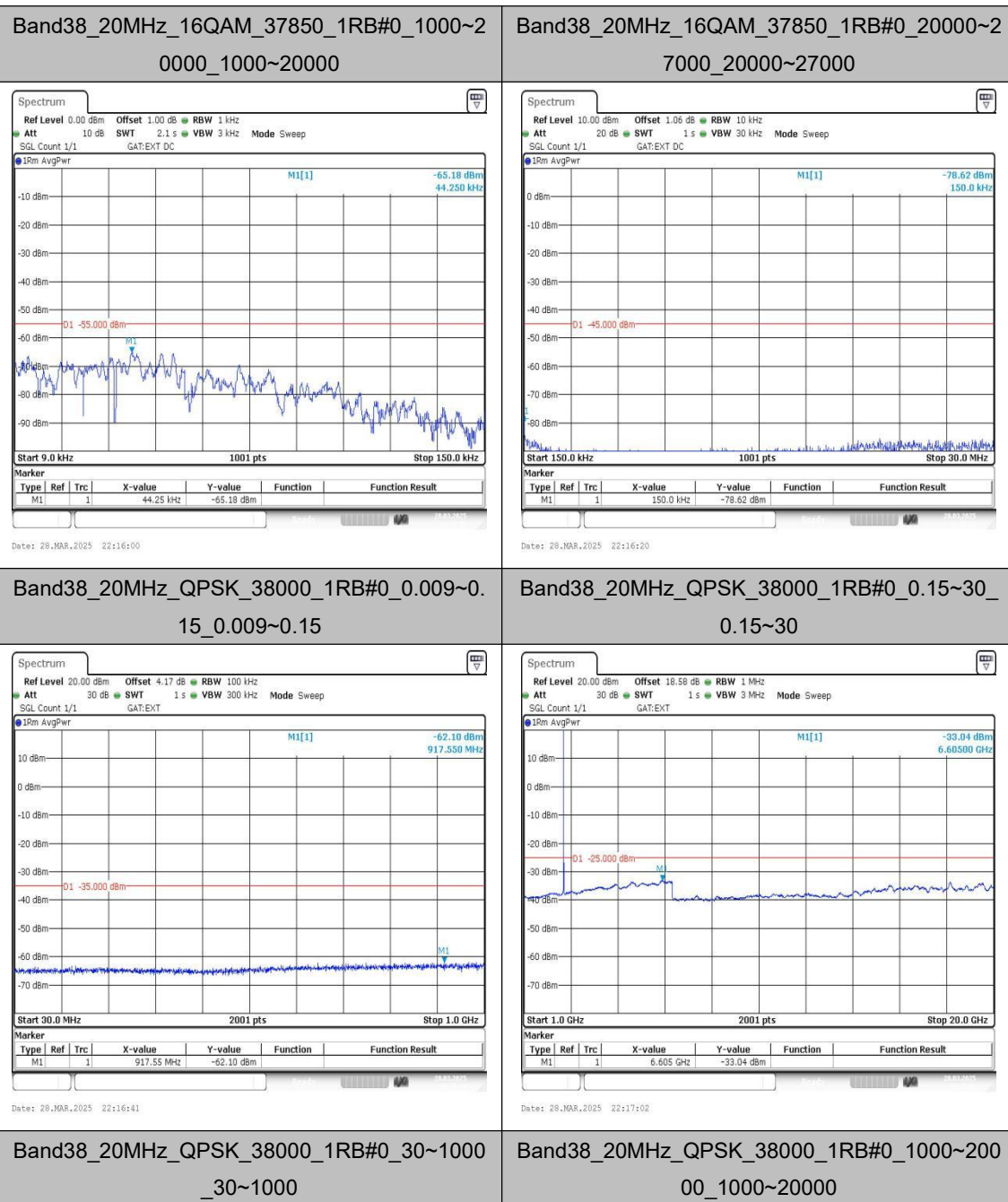


Band38\_20MHz\_QPSK\_37850\_1RB#0\_0.15~3\_0.15~30

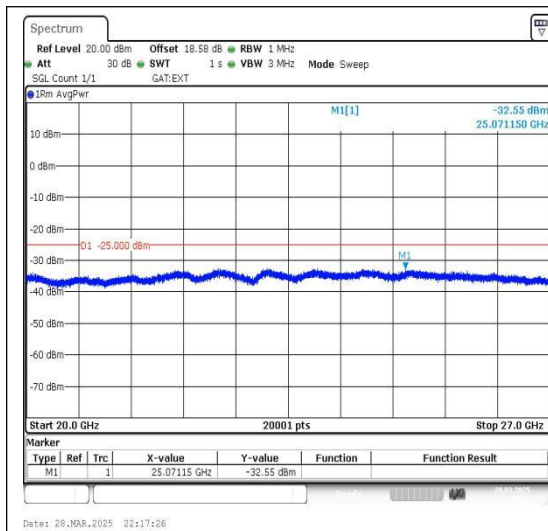


Band38\_20MHz\_16QAM\_37850\_1RB#0\_30~1000\_30~1000

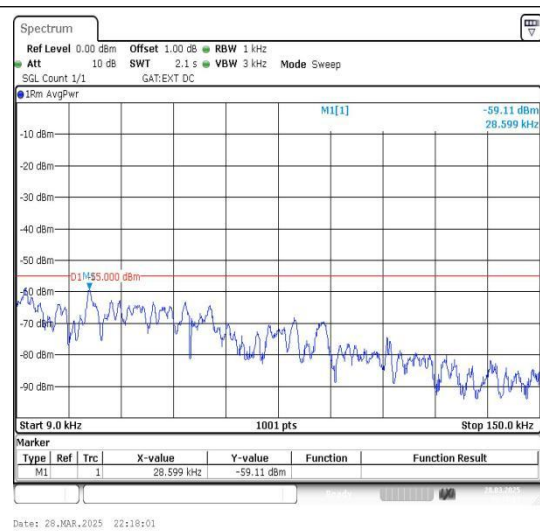




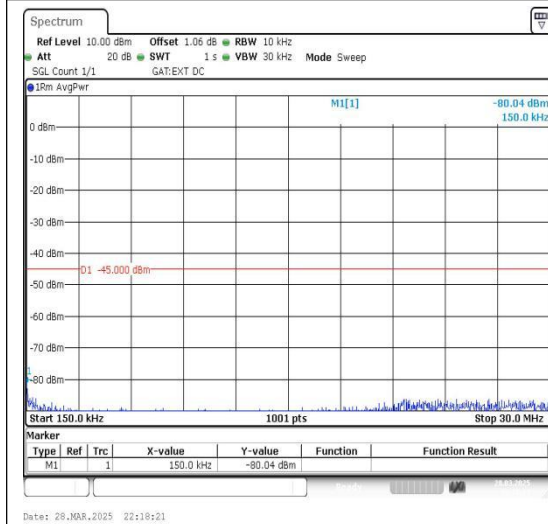




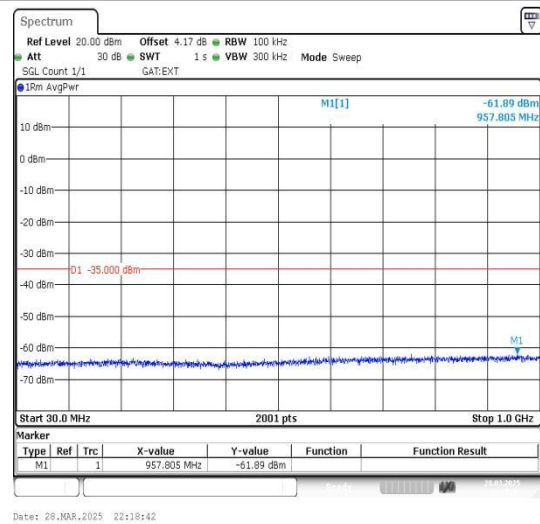
Band38\_20MHz\_QPSK\_38000\_1RB#0\_20000~27000



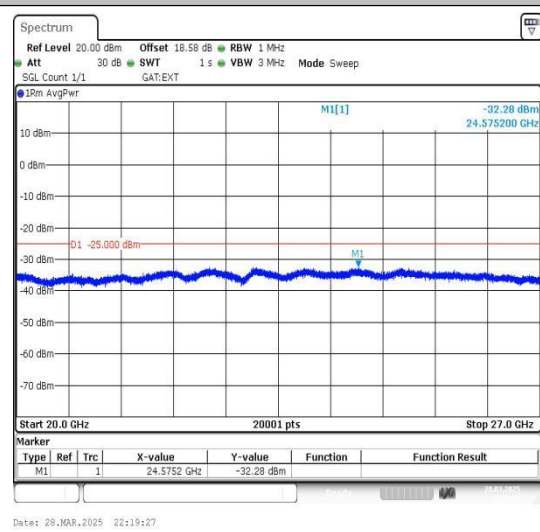
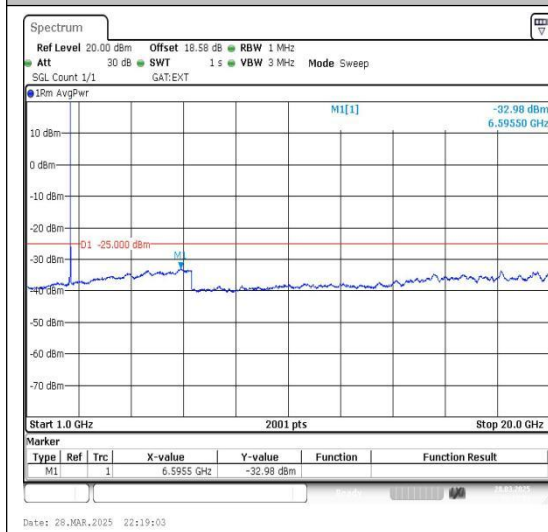
Band38\_20MHz\_16QAM\_38000\_1RB#0\_0.009~0.15

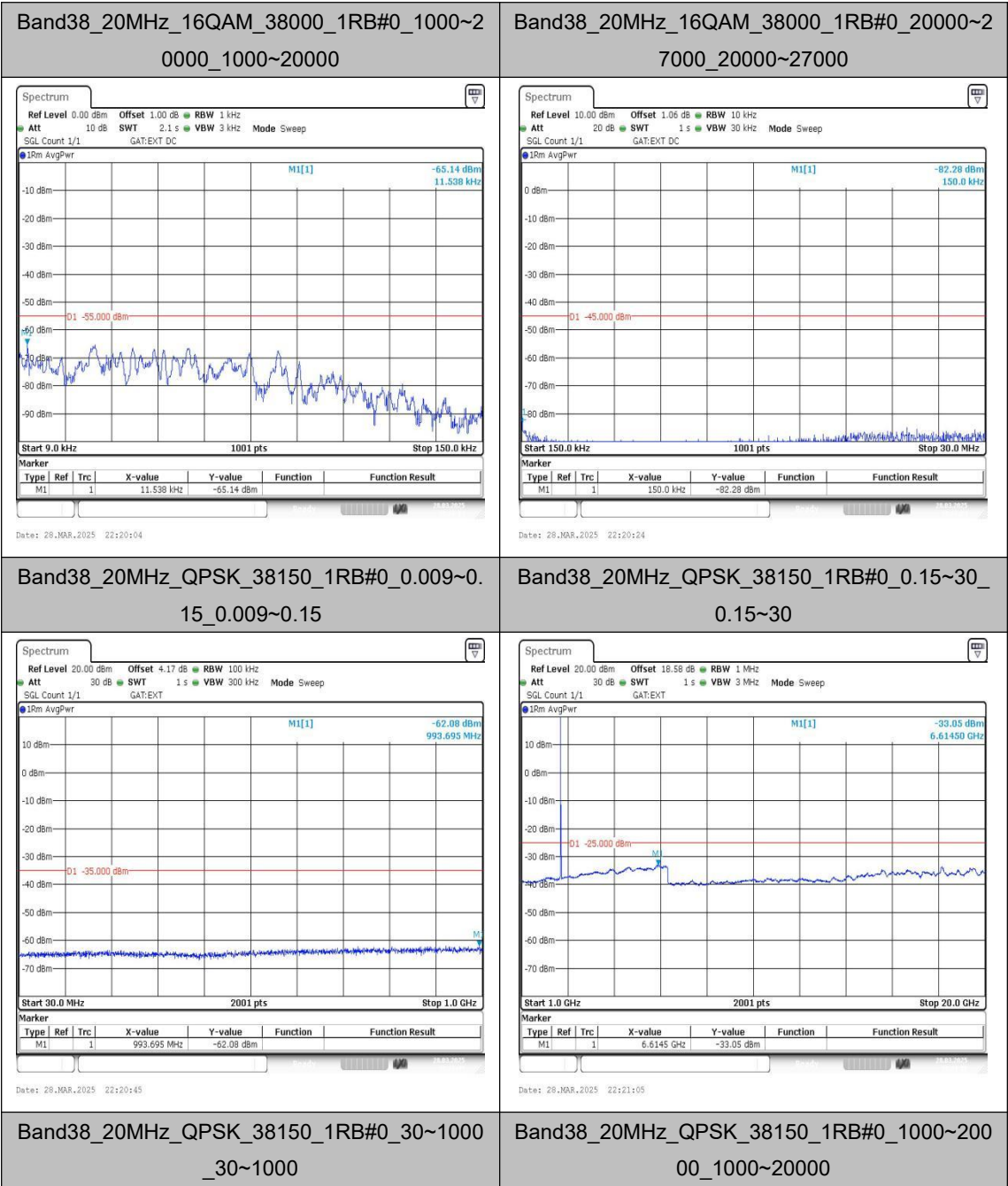


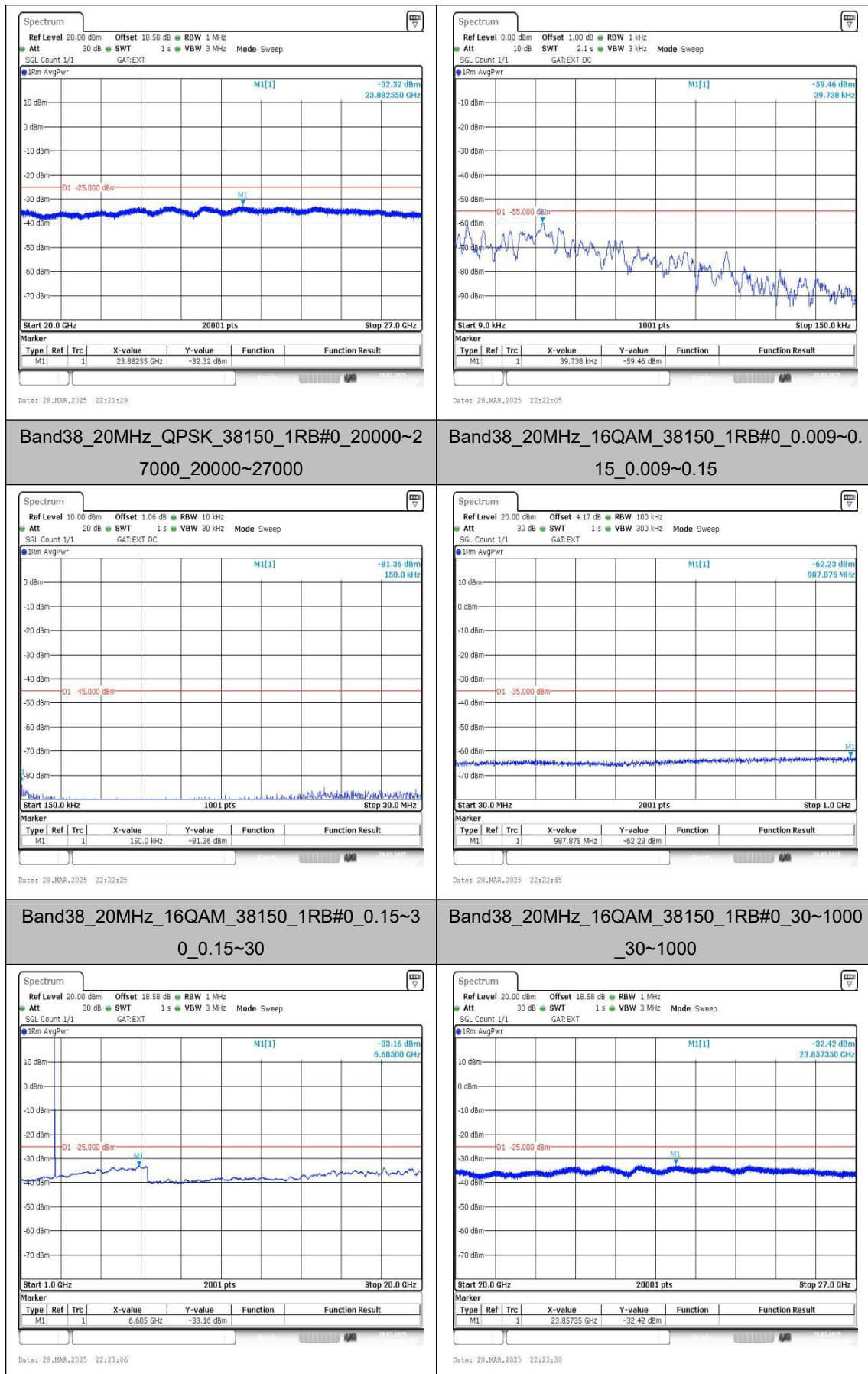
Band38\_20MHz\_QPSK\_38000\_1RB#0\_0.15~3



Band38\_20MHz\_16QAM\_38000\_1RB#0\_0.009~0.15







|                                                      |                                                             |
|------------------------------------------------------|-------------------------------------------------------------|
| Band38_20MHz_16QAM_38150_1RB#0_1000~20000_1000~20000 | Band38_20MHz_16QAM_38150_1RB#0_20000~27000_7000_20000~27000 |
|------------------------------------------------------|-------------------------------------------------------------|

## Appendix F: Frequency Stability

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Voltage       |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
|        |           |            |         |                  | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | VN            | NT               | 30.07          | 0.011689        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | VL            | NT               | 18.97          | 0.007374        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | VH            | NT               | 17.61          | 0.006845        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | VN            | NT               | -15.08         | -0.005862       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | VL            | NT               | 20.30          | 0.007891        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | VH            | NT               | 34.80          | 0.013528        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | VN            | NT               | 16.44          | 0.006335        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | VL            | NT               | 16.51          | 0.006362        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | VH            | NT               | 16.37          | 0.006308        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | VN            | NT               | -47.55         | -0.018324       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | VL            | NT               | -21.74         | -0.008378       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | VH            | NT               | 13.50          | 0.005202        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | VN            | NT               | 21.11          | 0.008065        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | VL            | NT               | -22.22         | -0.008489       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | VH            | NT               | -20.21         | -0.007721       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | VN            | NT               | -24.33         | -0.009295       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | VL            | NT               | -22.62         | -0.008642       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | VH            | NT               | 14.10          | 0.005387        | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | VN            | NT               | 27.71          | 0.010761        | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | VL            | NT               | -47.32         | -0.018377       | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | VH            | NT               | 20.77          | 0.008066        | ±2.5        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | VN            | NT               | 9.90           | 0.003845        | ±2.5        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | VL            | NT               | 26.28          | 0.010206        | ±2.5        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | VH            | NT               | 43.29          | 0.016812        | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | VN            | NT               | 28.08          | 0.010821        | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | VL            | NT               | 20.33          | 0.007834        | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | VH            | NT               | 18.87          | 0.007272        | ±2.5        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | VN            | NT               | -32.57         | -0.012551       | ±2.5        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | VL            | NT               | -17.94         | -0.006913       | ±2.5        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | VH            | NT               | 16.34          | 0.006297        | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | VN            | NT               | -23.26         | -0.008895       | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | VL            | NT               | 34.99          | 0.013380        | ±2.5        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | VH            | NT               | 29.03          | 0.011101        | ±2.5        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | VN            | NT               | -49.00         | -0.018738       | ±2.5        | PASS    |

|        |       |       |       |         |    |    |        |           |      |      |
|--------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | VL | NT | 17.45  | 0.006673  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | VH | NT | 40.93  | 0.015652  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | VN | NT | 18.90  | 0.007333  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | VL | NT | 34.45  | 0.013366  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | VH | NT | 16.81  | 0.006522  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | VN | NT | -11.12 | -0.004314 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | VL | NT | 21.03  | 0.008159  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | VH | NT | 39.48  | 0.015317  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | VN | NT | -17.27 | -0.006655 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | VL | NT | -26.01 | -0.010023 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | VH | NT | -18.45 | -0.007110 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | VN | NT | -10.14 | -0.003908 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | VL | NT | -23.10 | -0.008902 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | VH | NT | -44.33 | -0.017083 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | VN | NT | -20.48 | -0.007839 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | VL | NT | -17.44 | -0.006676 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | VH | NT | -18.21 | -0.006970 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | VN | NT | -25.96 | -0.009937 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | VL | NT | 28.42  | 0.010878  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | VH | NT | 45.62  | 0.017462  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | VN | NT | 36.21  | 0.014035  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | VL | NT | 46.91  | 0.018182  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | VH | NT | -20.20 | -0.007829 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VN | NT | -43.42 | -0.016829 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VL | NT | -28.34 | -0.010984 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VH | NT | 33.39  | 0.012942  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | VN | NT | 21.51  | 0.008289  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | VL | NT | 11.90  | 0.004586  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | VH | NT | -36.49 | -0.014062 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VN | NT | 16.98  | 0.006543  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VL | NT | 23.49  | 0.009052  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VH | NT | -24.35 | -0.009383 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | VN | NT | 22.50  | 0.008621  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | VL | NT | -16.92 | -0.006483 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | VH | NT | -68.44 | -0.026222 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VN | NT | 12.37  | 0.004739  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VL | NT | 15.06  | 0.005770  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VH | NT | 40.27  | 0.015429  | ±2.5 | PASS |

Temperature



| Band   | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | -30              | 14.52          | 0.005644        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | -20              | 19.07          | 0.007413        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | -10              | -11.79         | -0.004583       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | 0                | 18.35          | 0.007133        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | 10               | 35.82          | 0.013924        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | 20               | 39.70          | 0.015432        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | 30               | 52.39          | 0.020365        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | 40               | -16.99         | -0.006604       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | NV            | 50               | -17.17         | -0.006674       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | -30              | 23.10          | 0.008980        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | -20              | 10.60          | 0.004121        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | -10              | 33.12          | 0.012875        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | 0                | 33.32          | 0.012952        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | 10               | 39.00          | 0.015160        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | 20               | 45.80          | 0.017804        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | 30               | -23.67         | -0.009201       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | 40               | 21.30          | 0.008280        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | NV            | 50               | 42.77          | 0.016626        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | -30              | -23.23         | -0.008952       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | -20              | -25.26         | -0.009734       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | -10              | -19.94         | -0.007684       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | 0                | -26.88         | -0.010358       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | 10               | -45.79         | -0.017645       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | 20               | -43.12         | -0.016617       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | 30               | -28.44         | -0.010960       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | 40               | 24.79          | 0.009553        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | NV            | 50               | 33.90          | 0.013064        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | -30              | 29.53          | 0.011380        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | -20              | 50.48          | 0.019453        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | -10              | -12.59         | -0.004852       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | 0                | -15.79         | -0.006085       | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | 10               | 23.02          | 0.008871        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | 20               | 22.59          | 0.008705        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | 30               | 29.30          | 0.011291        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | 40               | 25.92          | 0.009988        | ±2.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | NV            | 50               | 48.32          | 0.018620        | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | NV            | -30              | -38.52         | -0.014716       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | NV            | -20              | -33.45         | -0.012779       | ±2.5        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | NV            | -10              | -33.93         | -0.012963       | ±2.5        | PASS    |

|        |       |       |       |        |    |     |        |           |      |      |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0 | NV | 0   | -20.44 | -0.007809 | ±2.5 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0 | NV | 10  | -20.73 | -0.007920 | ±2.5 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0 | NV | 20  | -16.12 | -0.006159 | ±2.5 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0 | NV | 30  | -37.99 | -0.014514 | ±2.5 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0 | NV | 40  | -9.81  | -0.003748 | ±2.5 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0 | NV | 50  | -13.46 | -0.005142 | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | -30 | 22.97  | 0.008776  | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | -20 | 31.37  | 0.011985  | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | -10 | 32.49  | 0.012413  | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 0   | -26.18 | -0.010002 | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 10  | -16.25 | -0.006208 | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 20  | 18.84  | 0.007198  | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 30  | 32.56  | 0.012439  | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 40  | 49.82  | 0.019033  | ±2.5 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0 | NV | 50  | 50.13  | 0.019152  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | -30 | 46.75  | 0.018155  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | -20 | -48.54 | -0.018850 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | -10 | -21.23 | -0.008245 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 0   | 10.96  | 0.004256  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 10  | 33.13  | 0.012866  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 20  | 25.52  | 0.009911  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 30  | 23.05  | 0.008951  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 40  | 17.04  | 0.006617  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0 | NV | 50  | -10.71 | -0.004159 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | -30 | 24.56  | 0.009538  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | -20 | -29.14 | -0.011317 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | -10 | 15.64  | 0.006074  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 0   | 24.95  | 0.009689  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 10  | 44.63  | 0.017332  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 20  | -17.64 | -0.006850 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 30  | 16.49  | 0.006404  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 40  | 18.98  | 0.007371  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | NV | 50  | 40.63  | 0.015779  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | -30 | 26.92  | 0.010374  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | -20 | 14.95  | 0.005761  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | -10 | 18.74  | 0.007222  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 0   | -42.40 | -0.016339 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 10  | -20.13 | -0.007757 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 20  | 39.01  | 0.015033  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 30  | 24.06  | 0.009272  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 40  | 43.14  | 0.016624  | ±2.5 | PASS |

|        |       |       |       |        |    |     |        |           |      |      |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0 | NV | 50  | -22.54 | -0.008686 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | -30 | 49.48  | 0.019067  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | -20 | 30.13  | 0.011611  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | -10 | 58.16  | 0.022412  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 0   | 24.53  | 0.009453  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 10  | 18.22  | 0.007021  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 20  | 11.47  | 0.004420  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 30  | -15.59 | -0.006008 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 40  | -37.29 | -0.014370 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | NV | 50  | 32.70  | 0.012601  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | -30 | 19.27  | 0.007369  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | -20 | 37.08  | 0.014180  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | -10 | 28.17  | 0.010772  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 0   | 40.94  | 0.015656  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 10  | 21.70  | 0.008298  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 20  | 32.69  | 0.012501  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 30  | -66.38 | -0.025384 | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 40  | 17.02  | 0.006509  | ±2.5 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0 | NV | 50  | -12.89 | -0.004929 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | -30 | 55.99  | 0.021411  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | -20 | -10.57 | -0.004042 | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | -10 | 21.11  | 0.008073  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 0   | 19.30  | 0.007380  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 10  | 36.78  | 0.014065  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 20  | 52.31  | 0.020004  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 30  | 28.64  | 0.010952  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 40  | 28.98  | 0.011082  | ±2.5 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | NV | 50  | -9.50  | -0.003633 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | -30 | 37.65  | 0.014607  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | -20 | 51.26  | 0.019887  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | -10 | 18.35  | 0.007119  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | 0   | -11.29 | -0.004380 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | 10  | 31.67  | 0.012287  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | 20  | 35.92  | 0.013936  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | 30  | -56.95 | -0.022095 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | 40  | -38.21 | -0.014824 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0 | NV | 50  | 13.40  | 0.005199  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | -30 | 59.65  | 0.023143  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | -20 | 16.67  | 0.006468  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | -10 | -14.89 | -0.005777 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | 0   | 18.77  | 0.007282  | ±2.5 | PASS |

|        |       |       |       |        |    |     |        |           |      |      |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | 10  | -14.39 | -0.005583 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | 20  | 28.61  | 0.011100  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | 30  | 33.03  | 0.012815  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | 40  | 24.23  | 0.009401  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | NV | 50  | 14.72  | 0.005711  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | -30 | 7.11   | 0.002740  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | -20 | -23.45 | -0.009037 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | -10 | 24.58  | 0.009472  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | 0   | -13.60 | -0.005241 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | 10  | 11.52  | 0.004439  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | 20  | 19.57  | 0.007541  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | 30  | -27.35 | -0.010539 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | 40  | -18.25 | -0.007033 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0 | NV | 50  | -25.29 | -0.009746 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | -30 | -15.86 | -0.006112 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | -20 | -21.53 | -0.008297 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | -10 | 18.57  | 0.007156  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | 0   | 17.44  | 0.006721  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | 10  | 27.02  | 0.010412  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | 20  | 25.96  | 0.010004  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | 30  | 38.64  | 0.014890  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | 40  | 45.03  | 0.017353  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | NV | 50  | 42.59  | 0.016412  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | -30 | -21.70 | -0.008306 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | -20 | -21.29 | -0.008149 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | -10 | 13.36  | 0.005114  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | 0   | 27.08  | 0.010366  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | 10  | 31.23  | 0.011954  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | 20  | 40.45  | 0.015483  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | 30  | -38.28 | -0.014653 | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | 40  | 13.92  | 0.005328  | ±2.5 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0 | NV | 50  | 27.17  | 0.010400  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | -30 | 22.95  | 0.008785  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | -20 | 13.49  | 0.005164  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | -10 | 32.13  | 0.012299  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | 0   | 27.08  | 0.010366  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | 10  | -20.40 | -0.007809 | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | 20  | 30.44  | 0.011652  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | 30  | 41.31  | 0.015812  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | 40  | 54.82  | 0.020984  | ±2.5 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | NV | 50  | 18.07  | 0.006917  | ±2.5 | PASS |

|        |       |       |       |         |    |     |        |           |      |      |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | -30 | 9.28   | 0.003597  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | -20 | -13.70 | -0.005310 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | -10 | -13.68 | -0.005302 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 0   | -13.86 | -0.005372 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 10  | 22.77  | 0.008826  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 20  | 20.81  | 0.008066  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 30  | 15.82  | 0.006132  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 40  | -14.08 | -0.005457 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | NV | 50  | -48.41 | -0.018764 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -30 | 46.32  | 0.017953  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -20 | 30.03  | 0.011640  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -10 | 51.01  | 0.019771  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 0   | -29.10 | -0.011279 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 10  | -49.00 | -0.018992 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 20  | -28.08 | -0.010884 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 30  | 17.62  | 0.006829  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 40  | 22.20  | 0.008605  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 50  | -15.84 | -0.006140 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | -30 | -54.37 | -0.020952 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | -20 | -58.35 | -0.022486 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | -10 | -53.17 | -0.020489 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 0   | -40.11 | -0.015457 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 10  | -49.51 | -0.019079 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 20  | -16.47 | -0.006347 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 30  | 28.67  | 0.011048  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 40  | 36.96  | 0.014243  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | NV | 50  | 55.86  | 0.021526  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -30 | 22.56  | 0.008694  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -20 | 25.13  | 0.009684  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -10 | 61.88  | 0.023846  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 0   | -18.45 | -0.007110 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 10  | -23.26 | -0.008963 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 20  | 20.14  | 0.007761  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 30  | 36.86  | 0.014204  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 40  | 45.58  | 0.017565  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 50  | 31.86  | 0.012277  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | -30 | 10.60  | 0.004061  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | -20 | -34.90 | -0.013372 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | -10 | -25.28 | -0.009686 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 0   | -29.78 | -0.011410 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 10  | -21.14 | -0.008100 | ±2.5 | PASS |

|        |       |       |       |         |    |     |        |           |      |      |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 20  | 19.45  | 0.007452  | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 30  | -34.22 | -0.013111 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 40  | -12.99 | -0.004977 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | NV | 50  | 10.39  | 0.003981  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -30 | 43.47  | 0.016655  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -20 | 46.09  | 0.017659  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -10 | 30.81  | 0.011805  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 0   | -54.12 | -0.020736 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 10  | 12.76  | 0.004889  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 20  | 41.93  | 0.016065  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 30  | 34.43  | 0.013192  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 40  | 70.05  | 0.026839  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 50  | 55.88  | 0.021410  | ±2.5 | PASS |