

**RF Test Data for LTE (Conducted Measurement)**

**Product Name:** OMI public network intercom  
**Trade Mark:** OMI  
**Test Model:** OMI-M9  
**FCC ID:** 2BK53-OMIM9

**Environmental Conditions**

|                    |                |
|--------------------|----------------|
| Temperature:       | 23.8℃          |
| Relative Humidity: | 56%            |
| ATM Pressure:      | 100.0 kPa      |
| Test Engineer:     | Anna Hu        |
| Supervised by:     | Hugo Chen      |
| Remark:            | For LTE Band38 |

## Band Edge and Emission Mask

| Band   | Bandwidth(MHz) | UL Frequency(MHz) | Modulation | RB Size | RB Offset | Conclusion |
|--------|----------------|-------------------|------------|---------|-----------|------------|
| Band38 | 5              | 2572.5            | QPSK       | 25      | LOW       | Pass       |
| Band38 | 5              | 2572.5            | 16QAM      | 25      | LOW       | Pass       |
| Band38 | 5              | 2617.5            | QPSK       | 25      | LOW       | Pass       |
| Band38 | 5              | 2617.5            | 16QAM      | 25      | LOW       | Pass       |
| Band38 | 10             | 2575              | QPSK       | 50      | LOW       | Pass       |
| Band38 | 10             | 2575              | 16QAM      | 27      | LOW       | Pass       |
| Band38 | 10             | 2615              | QPSK       | 50      | LOW       | Pass       |
| Band38 | 10             | 2615              | 16QAM      | 27      | LOW       | Pass       |
| Band38 | 15             | 2577.5            | QPSK       | 75      | LOW       | Pass       |
| Band38 | 15             | 2577.5            | 16QAM      | 27      | LOW       | Pass       |
| Band38 | 15             | 2612.5            | QPSK       | 75      | LOW       | Pass       |
| Band38 | 15             | 2612.5            | 16QAM      | 27      | LOW       | Pass       |
| Band38 | 20             | 2580              | QPSK       | 100     | LOW       | Pass       |
| Band38 | 20             | 2580              | 16QAM      | 27      | LOW       | Pass       |
| Band38 | 20             | 2610              | QPSK       | 100     | LOW       | Pass       |
| Band38 | 20             | 2610              | 16QAM      | 27      | LOW       | Pass       |

Band38-5-2572.5-QPSK-25#LOW



Band38-5-2572.5-16QAM-25#LOW



Band38-5-2617.5-QPSK-25#LOW



Band38-5-2617.5-16QAM-25#LOW



Band38-10-2575-QPSK-50#LOW



Band38-10-2575-16QAM-27#LOW





Band38-10-2615-QPSK-50#LOW



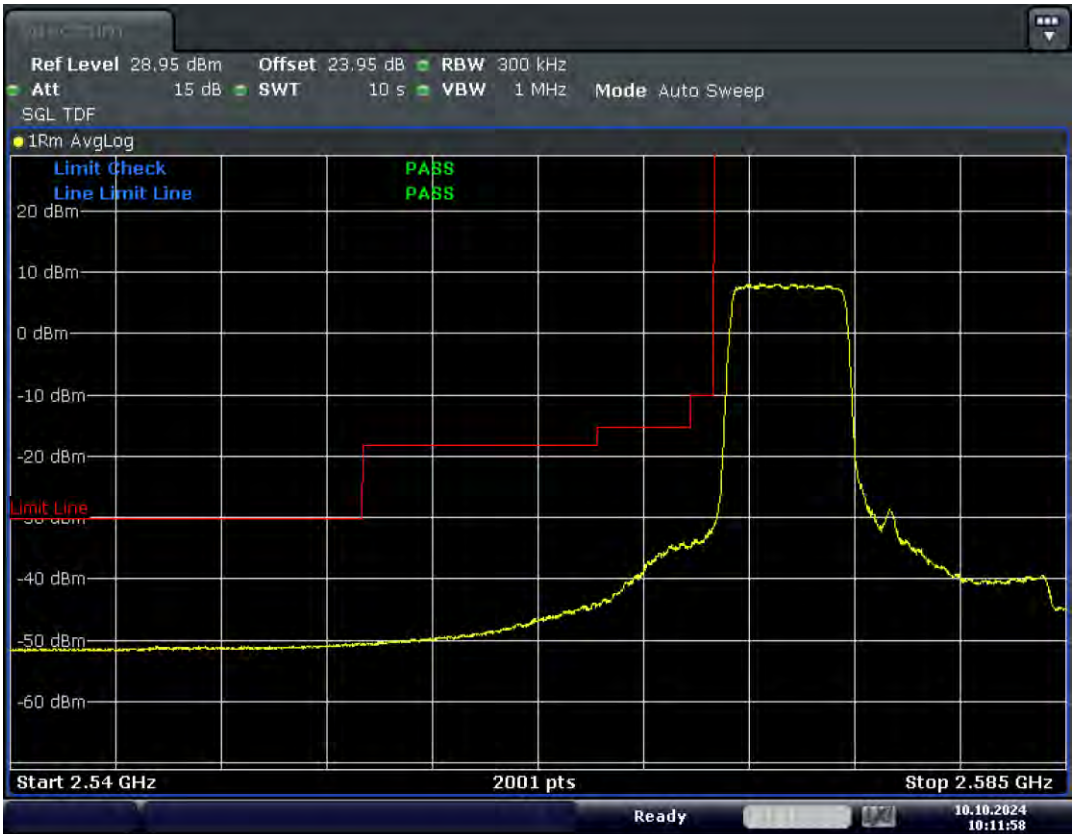
Band38-10-2615-16QAM-27#LOW



Band38-15-2577.5-QPSK-75#LOW



Band38-15-2577.5-16QAM-27#LOW



Band38-15-2612.5-QPSK-75#LOW



Band38-15-2612.5-16QAM-27#LOW

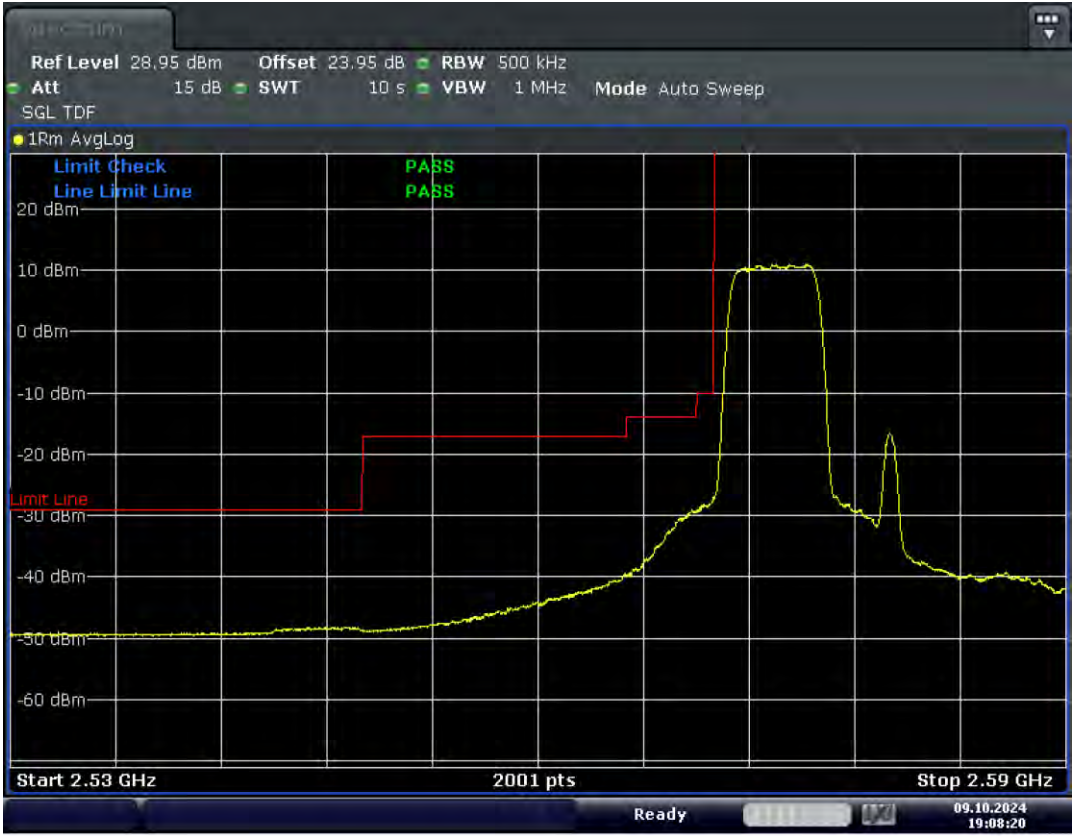




Band38-20-2580-QPSK-100#LOW



Band38-20-2580-16QAM-27#LOW



Band38-20-2610-QPSK-100#LOW



Band38-20-2610-16QAM-27#LOW



## Conducted Spurious Emission

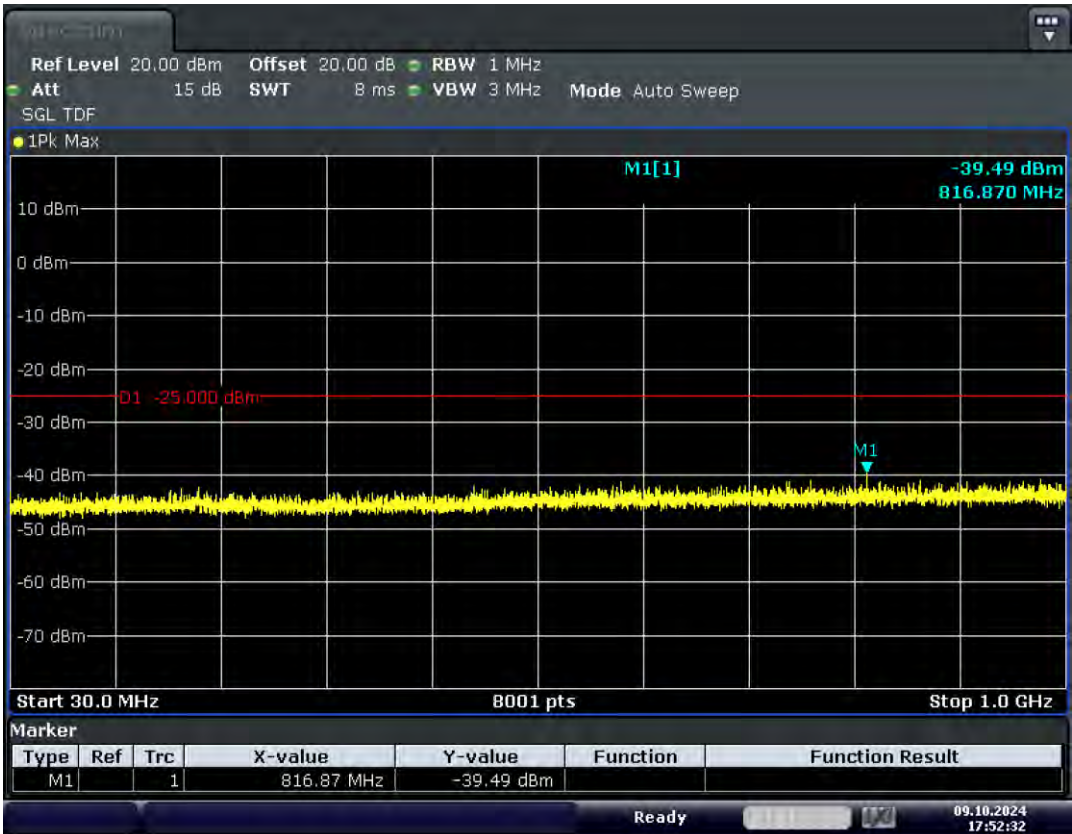
| Band | Bandwidth(MHz) | UL<br>Frequency(MHz) | Modulation | RB Size | RB Offset | Test Condition  | Transmitter<br>Spurious<br>Emission(Pass/Fail) |
|------|----------------|----------------------|------------|---------|-----------|-----------------|------------------------------------------------|
| OB38 | 5              | 2572.5               | QPSK       | 25      | LOW       | 30mHz-1GHz      | Pass                                           |
| OB38 | 5              | 2572.5               | QPSK       | 25      | LOW       | 1GHz-7GHz       | Pass                                           |
| OB38 | 5              | 2572.5               | QPSK       | 25      | LOW       | 7GHz-13.6GHz    | Pass                                           |
| OB38 | 5              | 2572.5               | QPSK       | 25      | LOW       | 13.6GHz-26.5GHz | Pass                                           |
| OB38 | 5              | 2572.5               | Q16        | 25      | LOW       | 30mHz-1GHz      | Pass                                           |
| OB38 | 5              | 2572.5               | Q16        | 25      | LOW       | 1GHz-7GHz       | Pass                                           |
| OB38 | 5              | 2572.5               | Q16        | 25      | LOW       | 7GHz-13.6GHz    | Pass                                           |
| OB38 | 5              | 2572.5               | Q16        | 25      | LOW       | 13.6GHz-26.5GHz | Pass                                           |
| OB38 | 5              | 2595                 | QPSK       | 25      | LOW       | 30mHz-1GHz      | Pass                                           |
| OB38 | 5              | 2595                 | QPSK       | 25      | LOW       | 1GHz-7GHz       | Pass                                           |
| OB38 | 5              | 2595                 | QPSK       | 25      | LOW       | 7GHz-13.6GHz    | Pass                                           |
| OB38 | 5              | 2595                 | QPSK       | 25      | LOW       | 13.6GHz-26.5GHz | Pass                                           |
| OB38 | 5              | 2595                 | Q16        | 25      | LOW       | 30mHz-1GHz      | Pass                                           |
| OB38 | 5              | 2595                 | Q16        | 25      | LOW       | 1GHz-7GHz       | Pass                                           |
| OB38 | 5              | 2595                 | Q16        | 25      | LOW       | 7GHz-13.6GHz    | Pass                                           |
| OB38 | 5              | 2595                 | Q16        | 25      | LOW       | 13.6GHz-26.5GHz | Pass                                           |
| OB38 | 5              | 2617.5               | QPSK       | 25      | LOW       | 30mHz-1GHz      | Pass                                           |
| OB38 | 5              | 2617.5               | QPSK       | 25      | LOW       | 1GHz-7GHz       | Pass                                           |
| OB38 | 5              | 2617.5               | QPSK       | 25      | LOW       | 7GHz-13.6GHz    | Pass                                           |
| OB38 | 5              | 2617.5               | QPSK       | 25      | LOW       | 13.6GHz-26.5GHz | Pass                                           |
| OB38 | 5              | 2617.5               | Q16        | 25      | LOW       | 30mHz-1GHz      | Pass                                           |
| OB38 | 5              | 2617.5               | Q16        | 25      | LOW       | 1GHz-7GHz       | Pass                                           |
| OB38 | 5              | 2617.5               | Q16        | 25      | LOW       | 7GHz-13.6GHz    | Pass                                           |
| OB38 | 5              | 2617.5               | Q16        | 25      | LOW       | 13.6GHz-26.5GHz | Pass                                           |
| OB38 | 10             | 2575                 | QPSK       | 50      | LOW       | 30mHz-1GHz      | Pass                                           |
| OB38 | 10             | 2575                 | QPSK       | 50      | LOW       | 1GHz-7GHz       | Pass                                           |
| OB38 | 10             | 2575                 | QPSK       | 50      | LOW       | 7GHz-13.6GHz    | Pass                                           |
| OB38 | 10             | 2575                 | QPSK       | 50      | LOW       | 13.6GHz-26.5GHz | Pass                                           |
| OB38 | 10             | 2575                 | Q16        | 27      | LOW       | 30mHz-1GHz      | Pass                                           |
| OB38 | 10             | 2575                 | Q16        | 27      | LOW       | 1GHz-7GHz       | Pass                                           |
| OB38 | 10             | 2575                 | Q16        | 27      | LOW       | 7GHz-13.6GHz    | Pass                                           |
| OB38 | 10             | 2575                 | Q16        | 27      | LOW       | 13.6GHz-26.5GHz | Pass                                           |

|      |    |        |      |    |     |                 |      |
|------|----|--------|------|----|-----|-----------------|------|
| OB38 | 10 | 2595   | QPSK | 50 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 10 | 2595   | QPSK | 50 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 10 | 2595   | QPSK | 50 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 10 | 2595   | QPSK | 50 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 10 | 2595   | Q16  | 27 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 10 | 2595   | Q16  | 27 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 10 | 2595   | Q16  | 27 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 10 | 2595   | Q16  | 27 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 10 | 2615   | QPSK | 50 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 10 | 2615   | QPSK | 50 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 10 | 2615   | QPSK | 50 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 10 | 2615   | QPSK | 50 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 10 | 2615   | Q16  | 27 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 10 | 2615   | Q16  | 27 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 10 | 2615   | Q16  | 27 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 10 | 2615   | Q16  | 27 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 15 | 2577.5 | QPSK | 75 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 15 | 2577.5 | QPSK | 75 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 15 | 2577.5 | QPSK | 75 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 15 | 2577.5 | QPSK | 75 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 15 | 2577.5 | Q16  | 27 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 15 | 2577.5 | Q16  | 27 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 15 | 2577.5 | Q16  | 27 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 15 | 2577.5 | Q16  | 27 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 15 | 2595   | QPSK | 75 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 15 | 2595   | QPSK | 75 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 15 | 2595   | QPSK | 75 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 15 | 2595   | QPSK | 75 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 15 | 2595   | Q16  | 27 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 15 | 2595   | Q16  | 27 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 15 | 2595   | Q16  | 27 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 15 | 2595   | Q16  | 27 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 15 | 2612.5 | QPSK | 75 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 15 | 2612.5 | QPSK | 75 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 15 | 2612.5 | QPSK | 75 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 15 | 2612.5 | QPSK | 75 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 15 | 2612.5 | Q16  | 27 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 15 | 2612.5 | Q16  | 27 | LOW | 1GHz-7GHz       | Pass |



|      |    |        |      |     |     |                 |      |
|------|----|--------|------|-----|-----|-----------------|------|
| OB38 | 15 | 2612.5 | Q16  | 27  | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 15 | 2612.5 | Q16  | 27  | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 20 | 2580   | QPSK | 100 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 20 | 2580   | QPSK | 100 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 20 | 2580   | QPSK | 100 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 20 | 2580   | QPSK | 100 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 20 | 2580   | Q16  | 27  | LOW | 30mHz-1GHz      | Pass |
| OB38 | 20 | 2580   | Q16  | 27  | LOW | 1GHz-7GHz       | Pass |
| OB38 | 20 | 2580   | Q16  | 27  | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 20 | 2580   | Q16  | 27  | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 20 | 2595   | QPSK | 100 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 20 | 2595   | QPSK | 100 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 20 | 2595   | QPSK | 100 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 20 | 2595   | QPSK | 100 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 20 | 2595   | Q16  | 27  | LOW | 30mHz-1GHz      | Pass |
| OB38 | 20 | 2595   | Q16  | 27  | LOW | 1GHz-7GHz       | Pass |
| OB38 | 20 | 2595   | Q16  | 27  | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 20 | 2595   | Q16  | 27  | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 20 | 2610   | QPSK | 100 | LOW | 30mHz-1GHz      | Pass |
| OB38 | 20 | 2610   | QPSK | 100 | LOW | 1GHz-7GHz       | Pass |
| OB38 | 20 | 2610   | QPSK | 100 | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 20 | 2610   | QPSK | 100 | LOW | 13.6GHz-26.5GHz | Pass |
| OB38 | 20 | 2610   | Q16  | 27  | LOW | 30mHz-1GHz      | Pass |
| OB38 | 20 | 2610   | Q16  | 27  | LOW | 1GHz-7GHz       | Pass |
| OB38 | 20 | 2610   | Q16  | 27  | LOW | 7GHz-13.6GHz    | Pass |
| OB38 | 20 | 2610   | Q16  | 27  | LOW | 13.6GHz-26.5GHz | Pass |

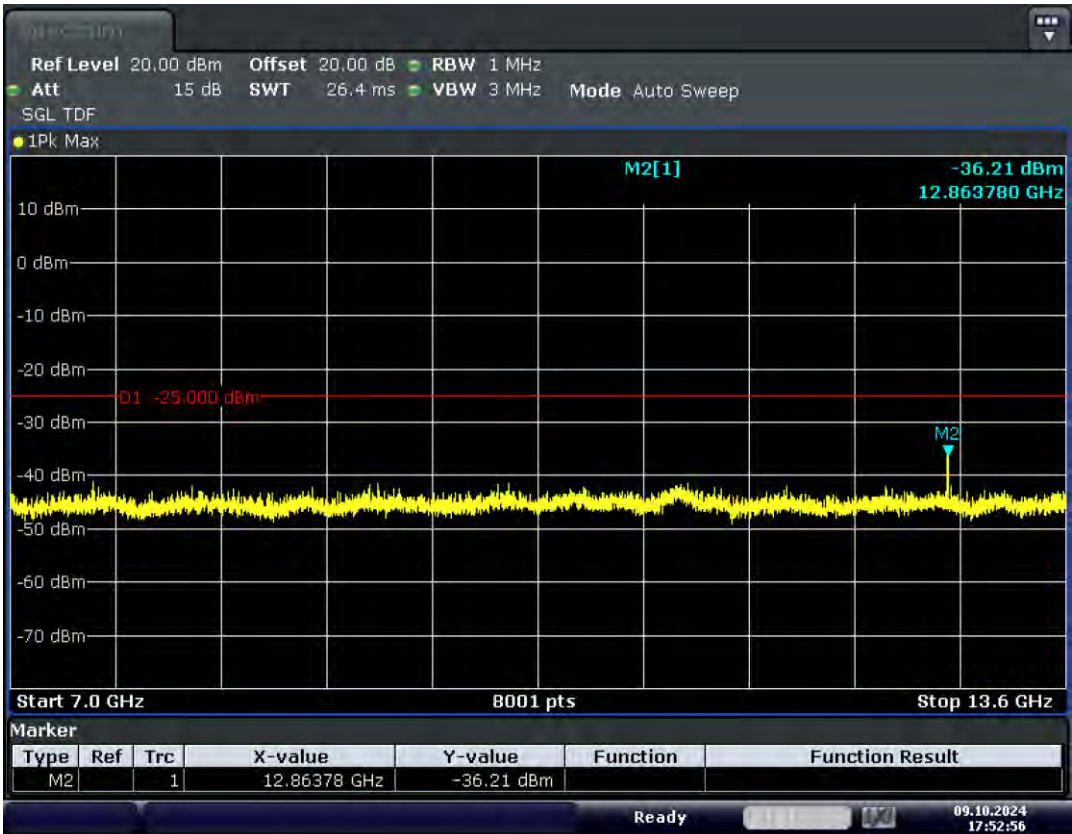
OB38-5-2572.5-QPSK-25#LOW@30mHz-1GHz@Pass



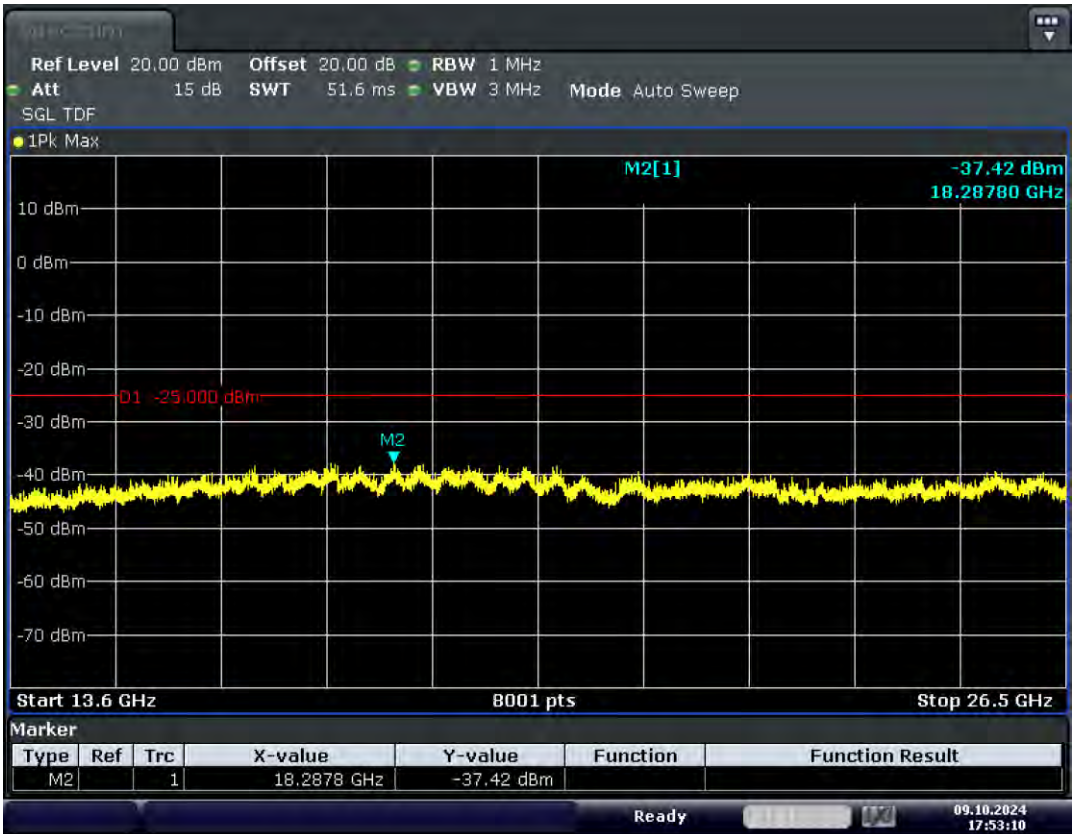
OB38-5-2572.5-QPSK-25#LOW@1GHz-7GHz@Pass



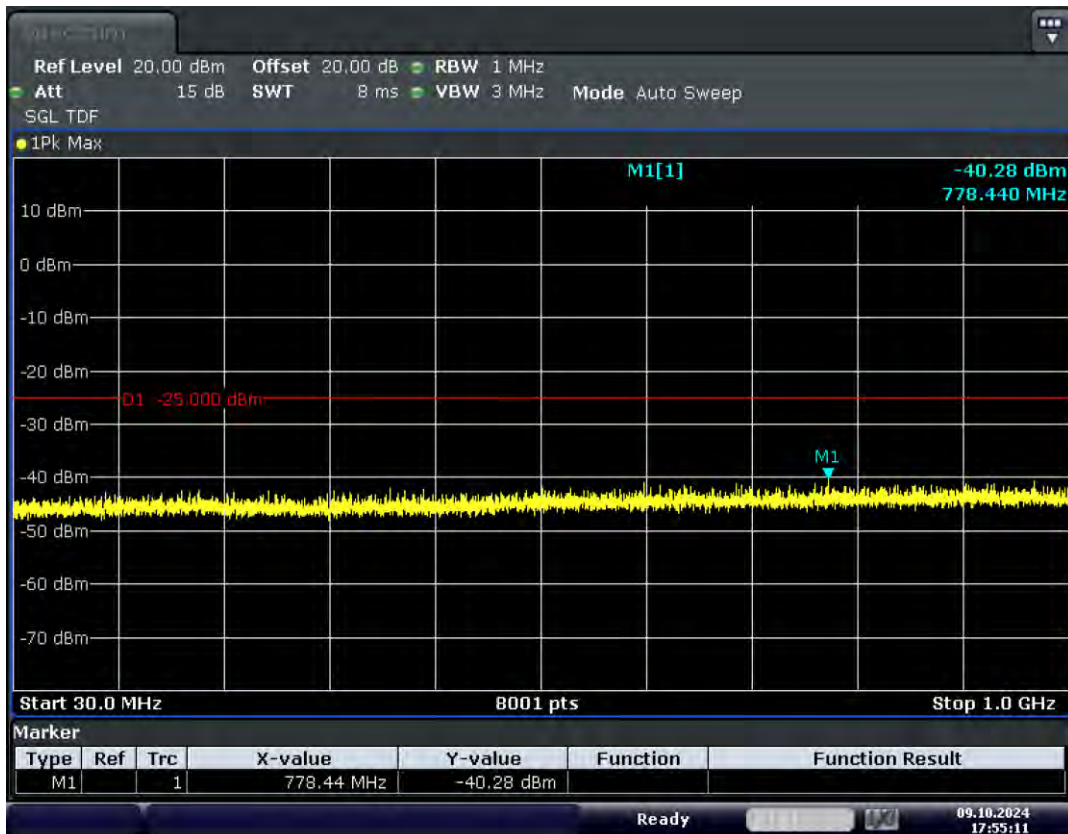
OB38-5-2572.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



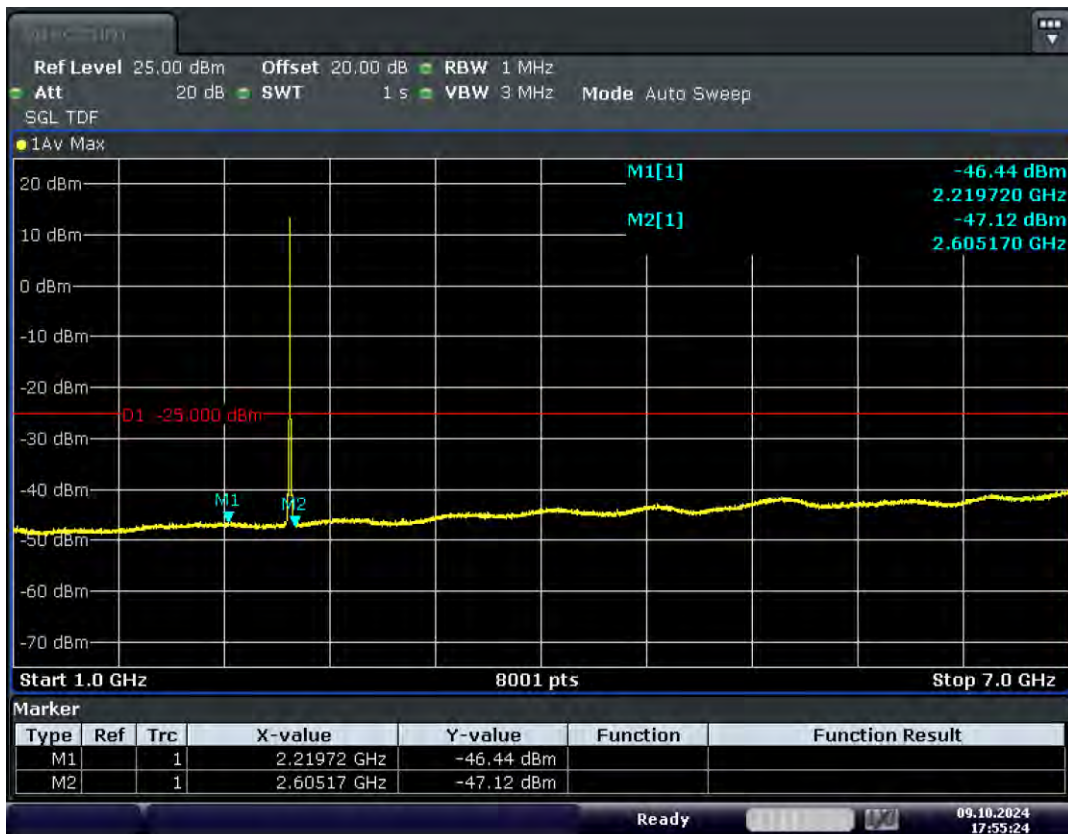
OB38-5-2572.5-QPSK-25#LOW@13.6GHz-26.5GHz@Pass



OB38-5-2572.5-Q16-25#LOW@30mHz-1GHz@Pass

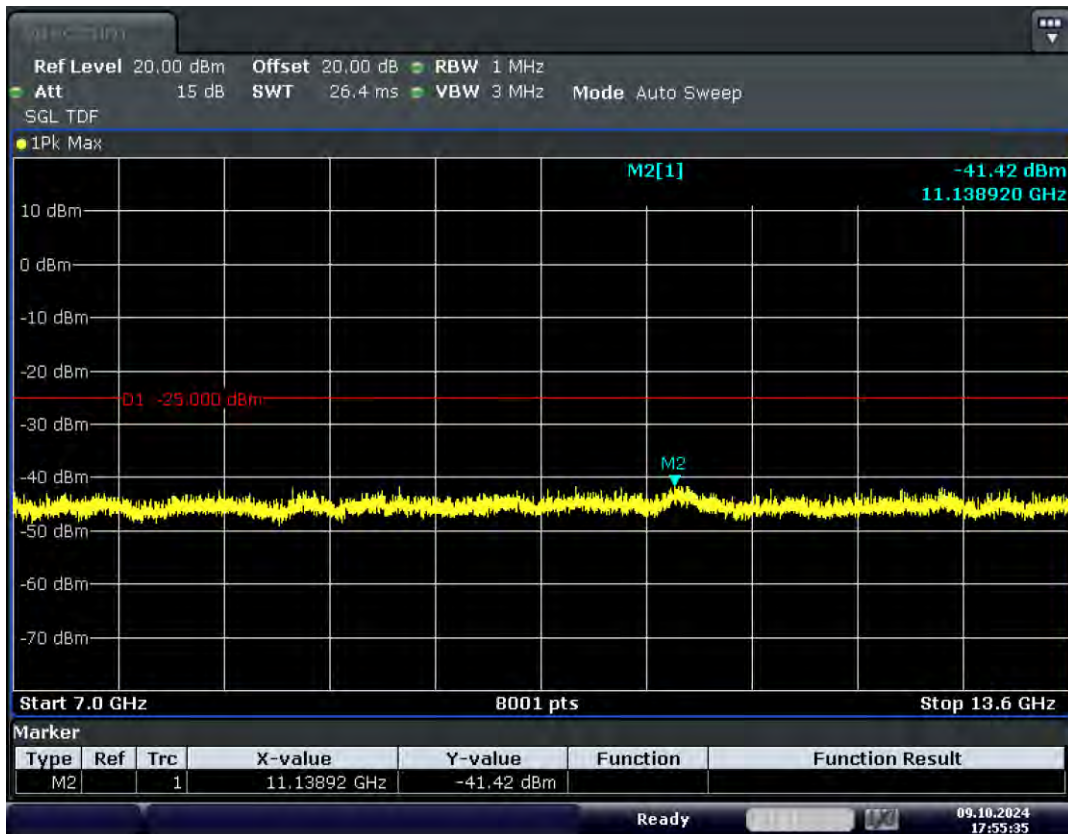


OB38-5-2572.5-Q16-25#LOW@1GHz-7GHz@Pass

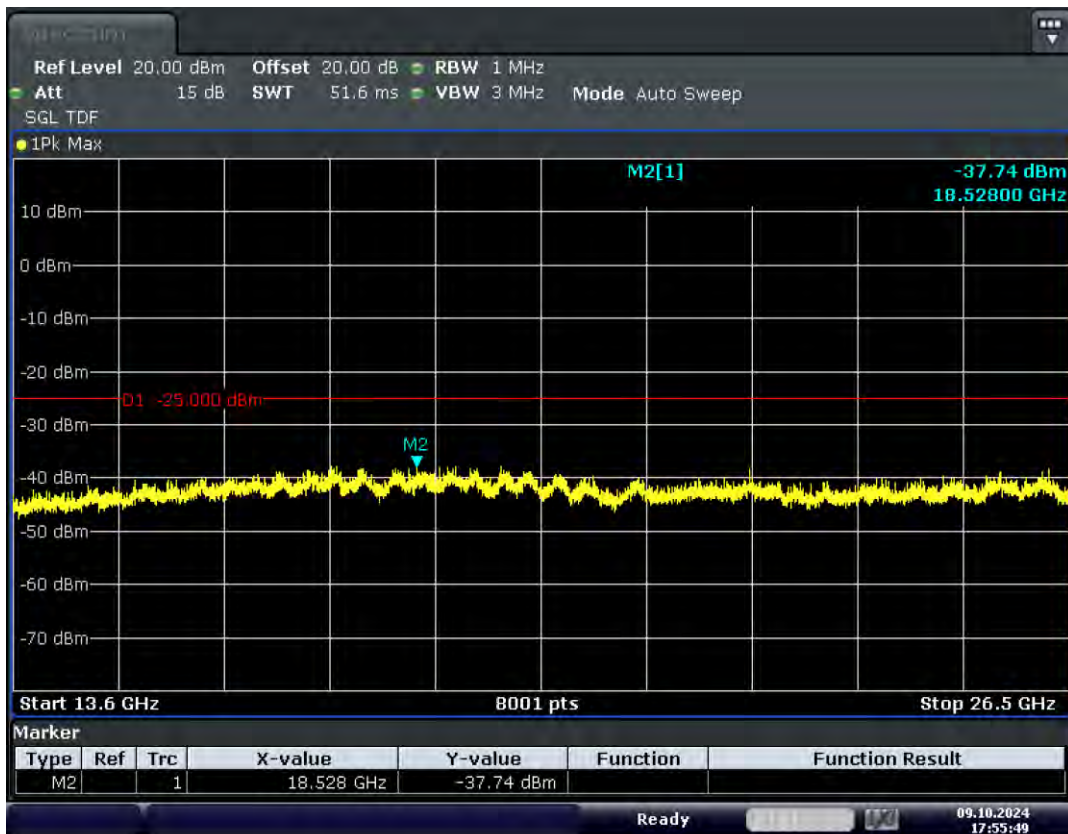




## OB38-5-2572.5-Q16-25#LOW@7GHz-13.6GHz@Pass

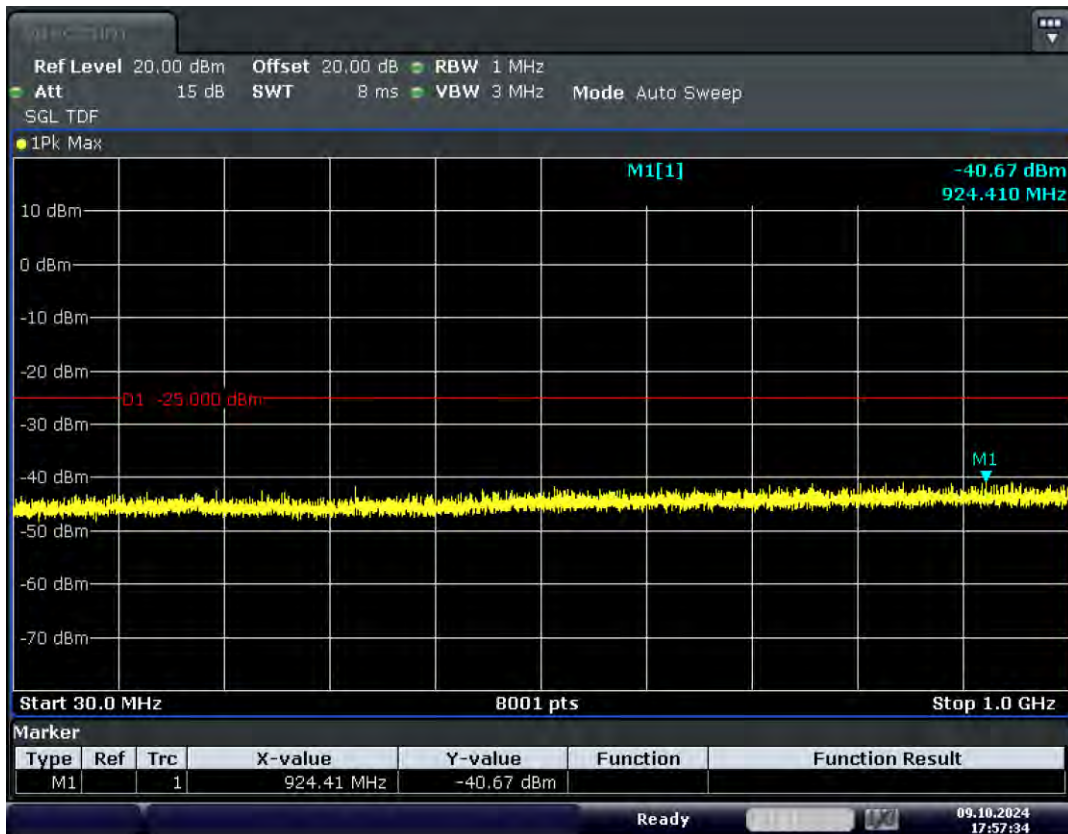


## OB38-5-2572.5-Q16-25#LOW@13.6GHz-26.5GHz@Pass

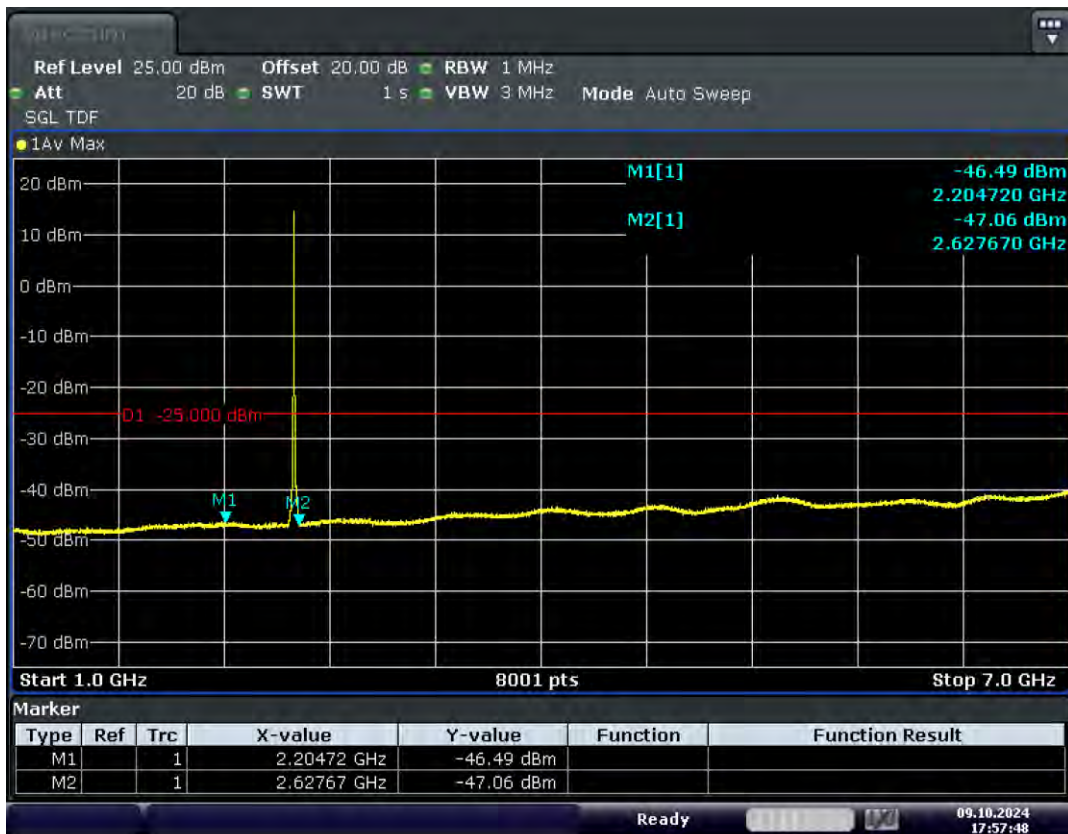




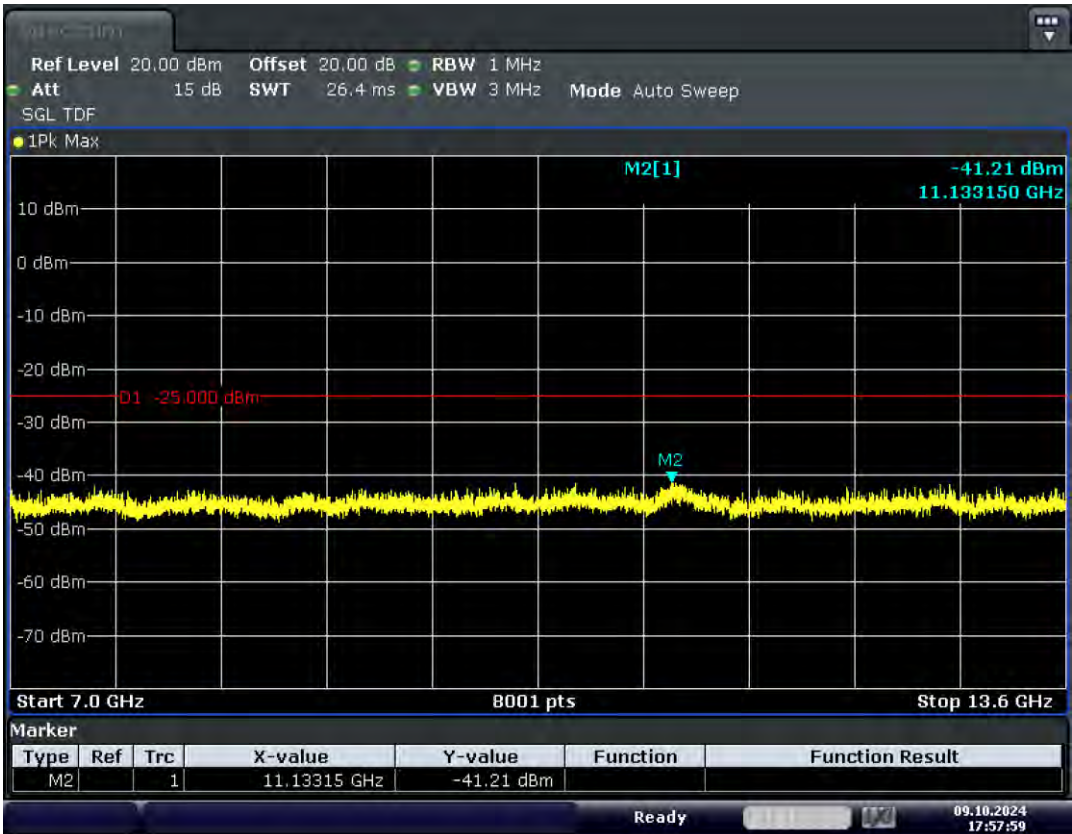
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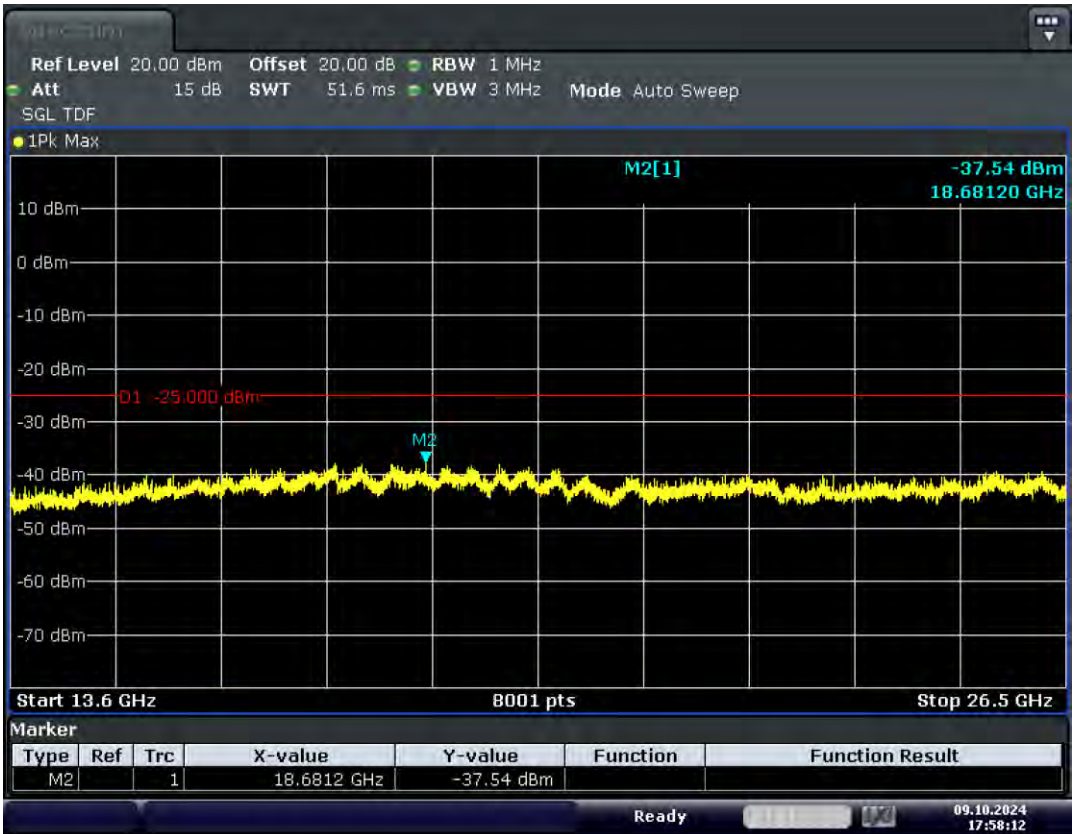
## OB38-5-2595-QPSK-25#LOW@1GHz-7GHz@Pass



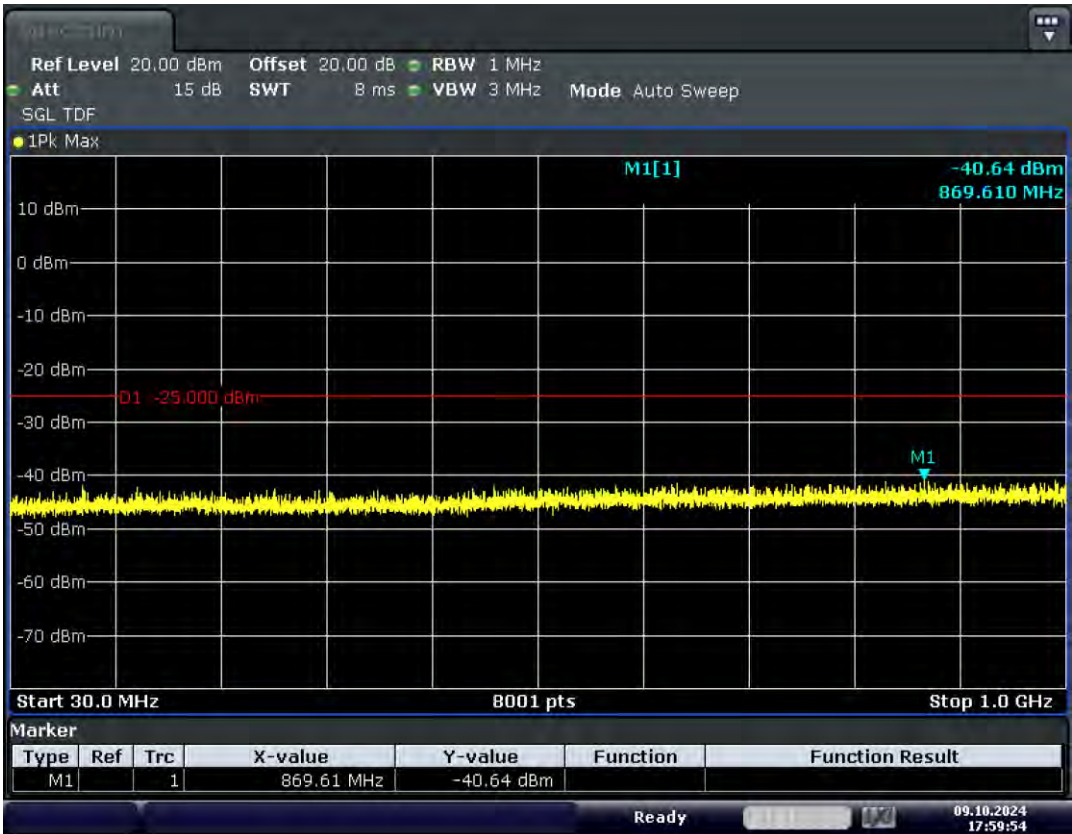
OB38-5-2595-QPSK-25#LOW@7GHz-13.6GHz@Pass



OB38-5-2595-QPSK-25#LOW@13.6GHz-26.5GHz@Pass



OB38-5-2595-Q16-25#LOW@30mHz-1GHz@Pass

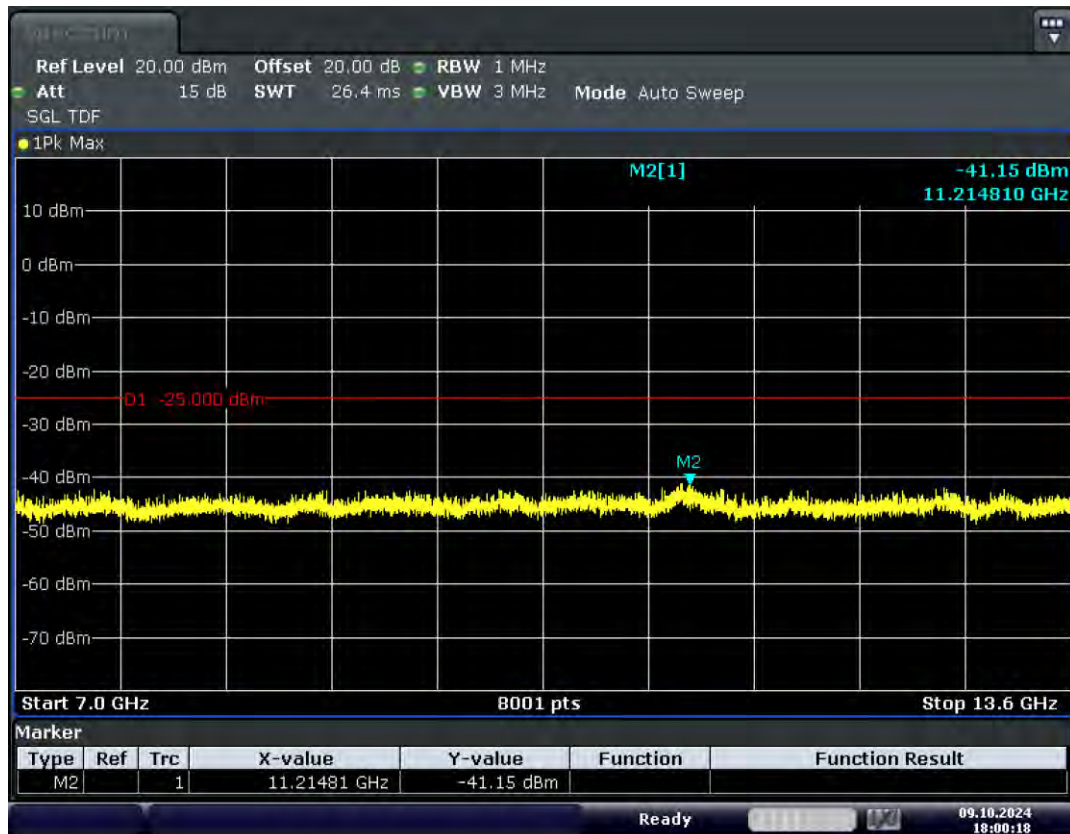


OB38-5-2595-Q16-25#LOW@1GHz-7GHz@Pass

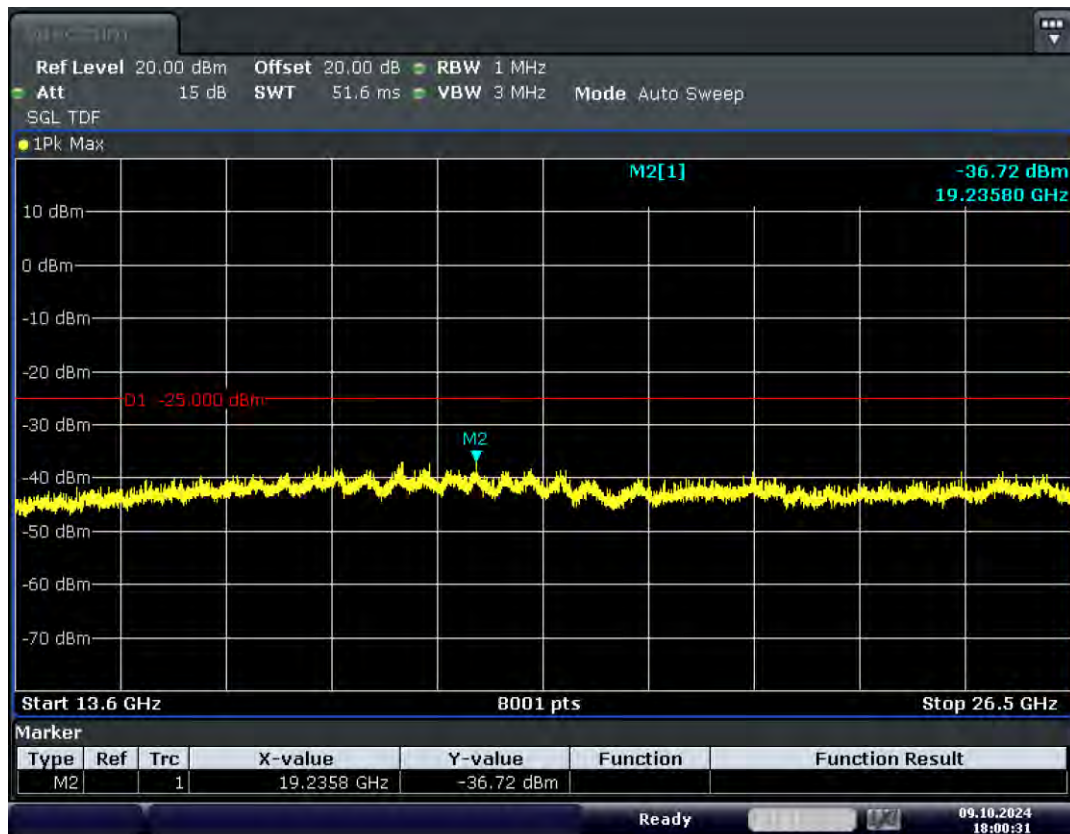




## OB38-5-2595-Q16-25#LOW@7GHz-13.6GHz@Pass

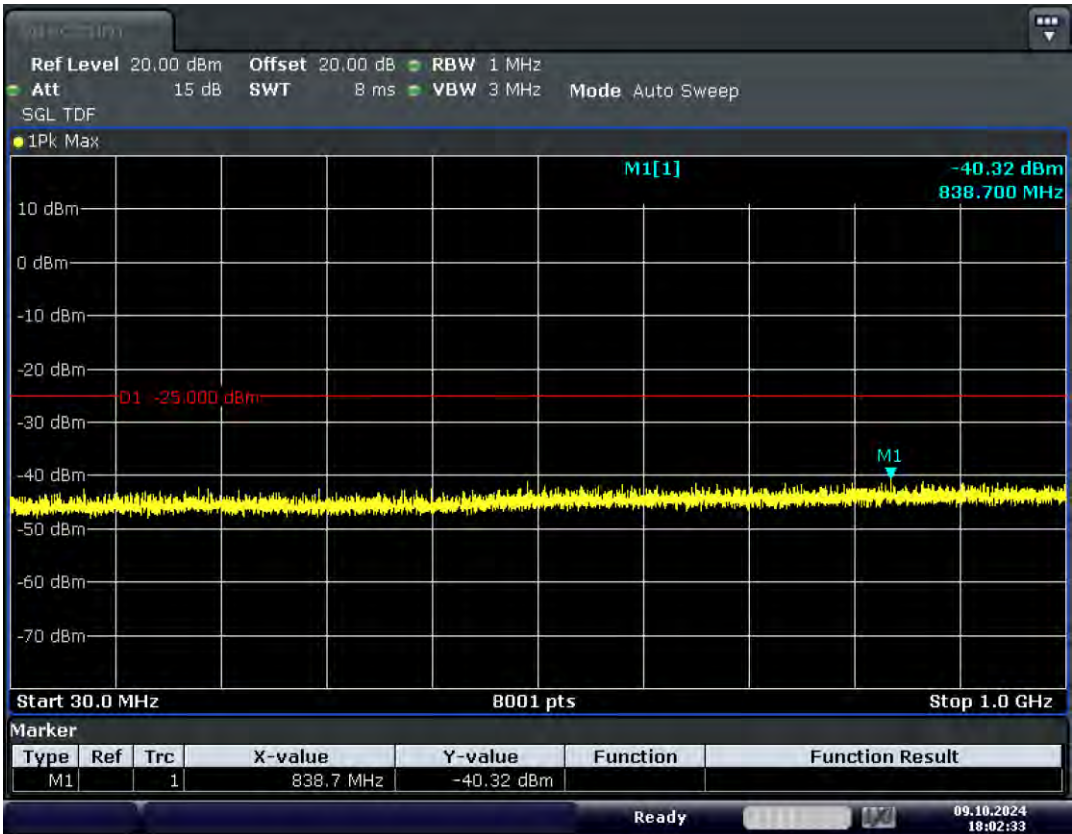


## OB38-5-2595-Q16-25#LOW@13.6GHz-26.5GHz@Pass





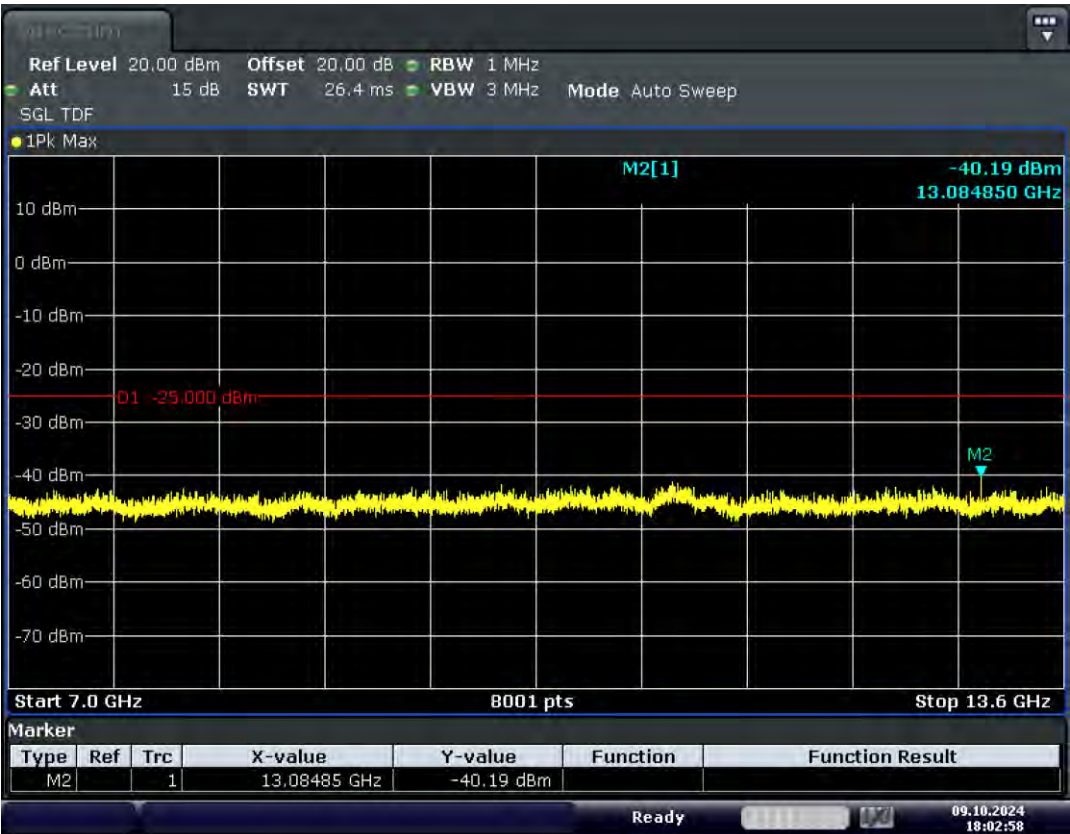
OB38-5-2617.5-QPSK-25#LOW@30mHz-1GHz@Pass



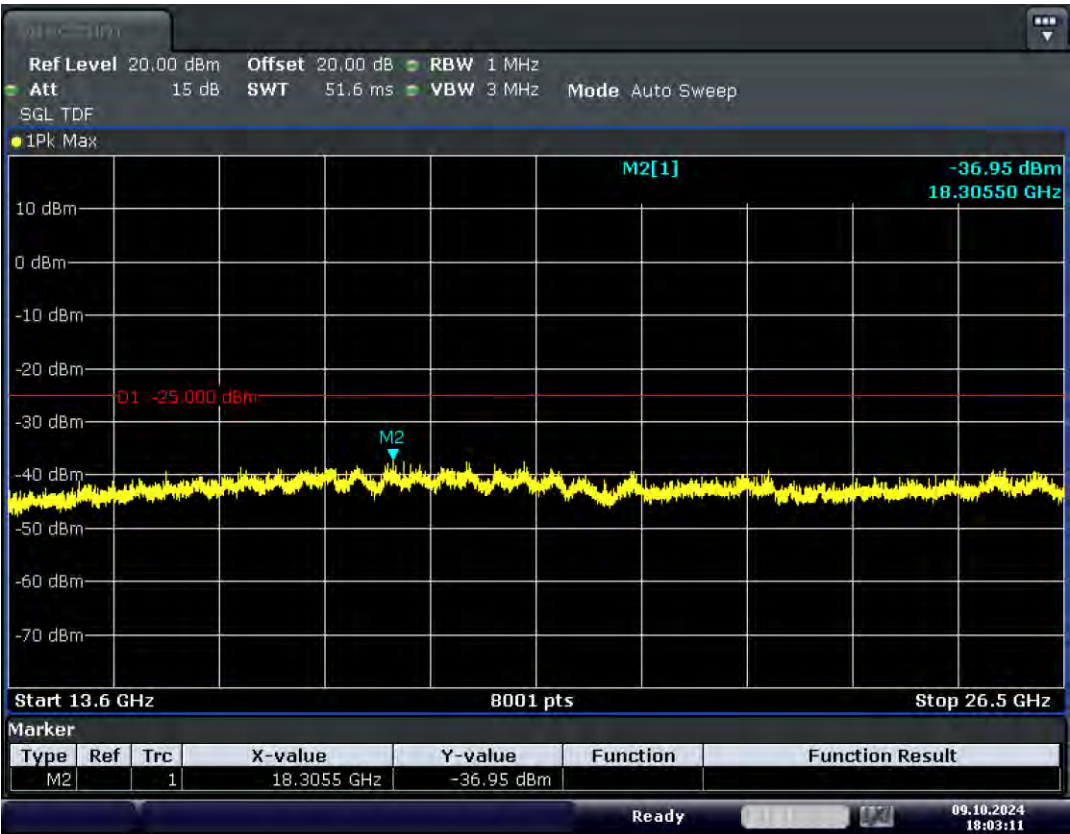
OB38-5-2617.5-QPSK-25#LOW@1GHz-7GHz@Pass



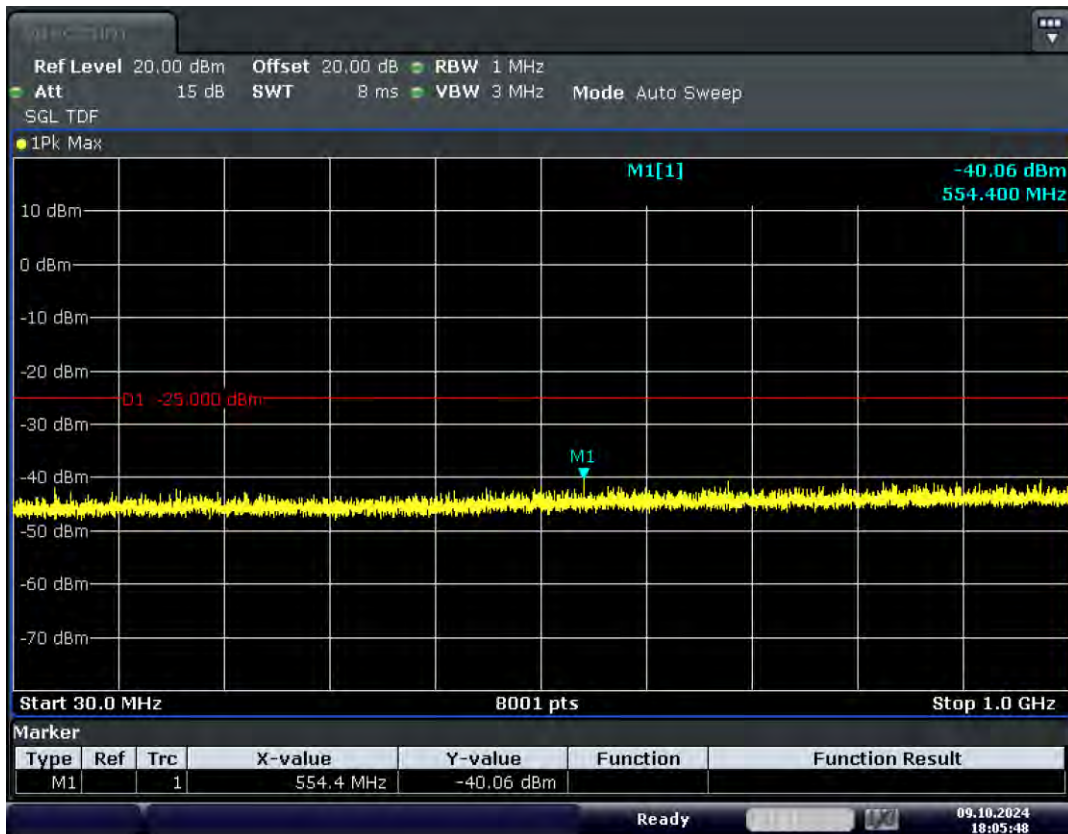
OB38-5-2617.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



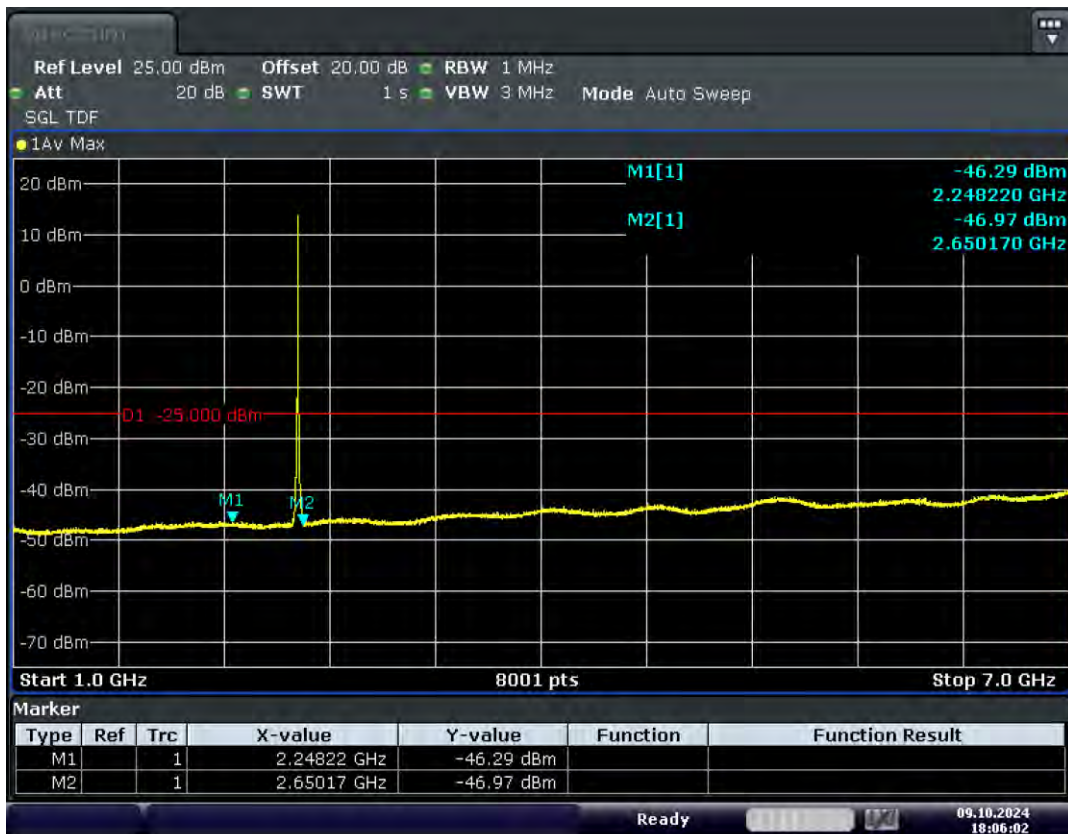
OB38-5-2617.5-QPSK-25#LOW@13.6GHz-26.5GHz@Pass



## OB38-5-2617.5-Q16-25#LOW@30mHz-1GHz@Pass

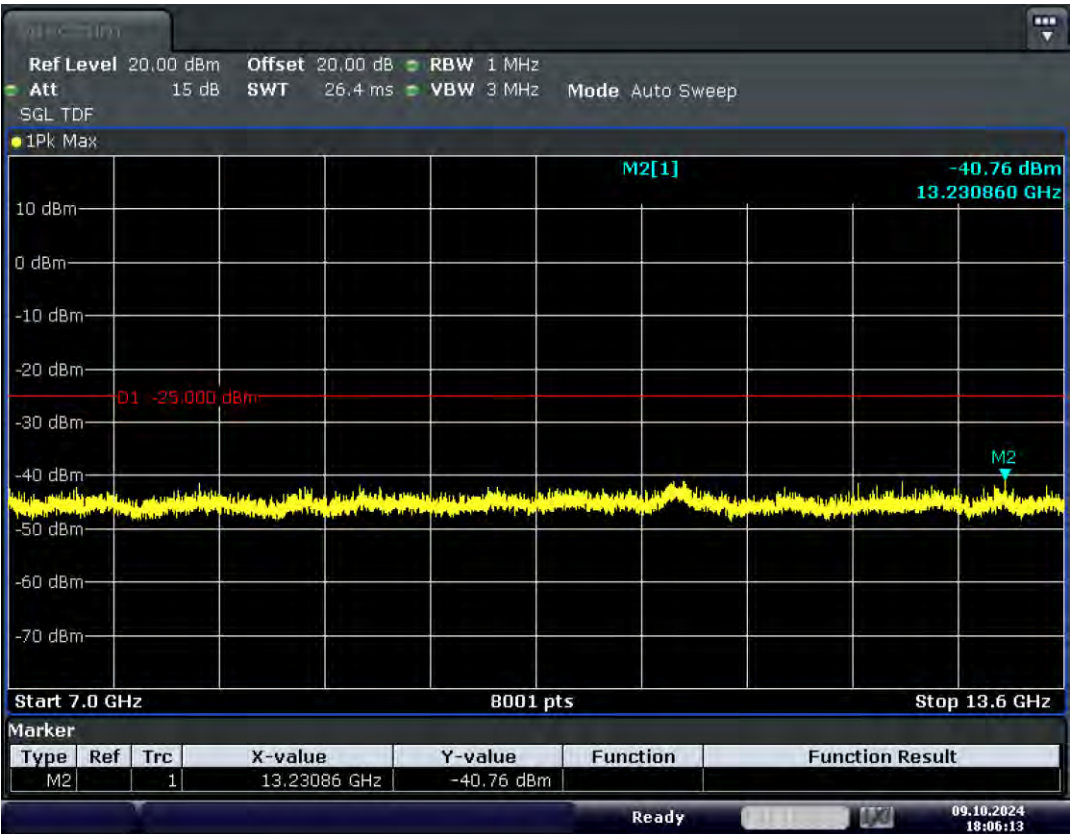


## OB38-5-2617.5-Q16-25#LOW@1GHz-7GHz@Pass

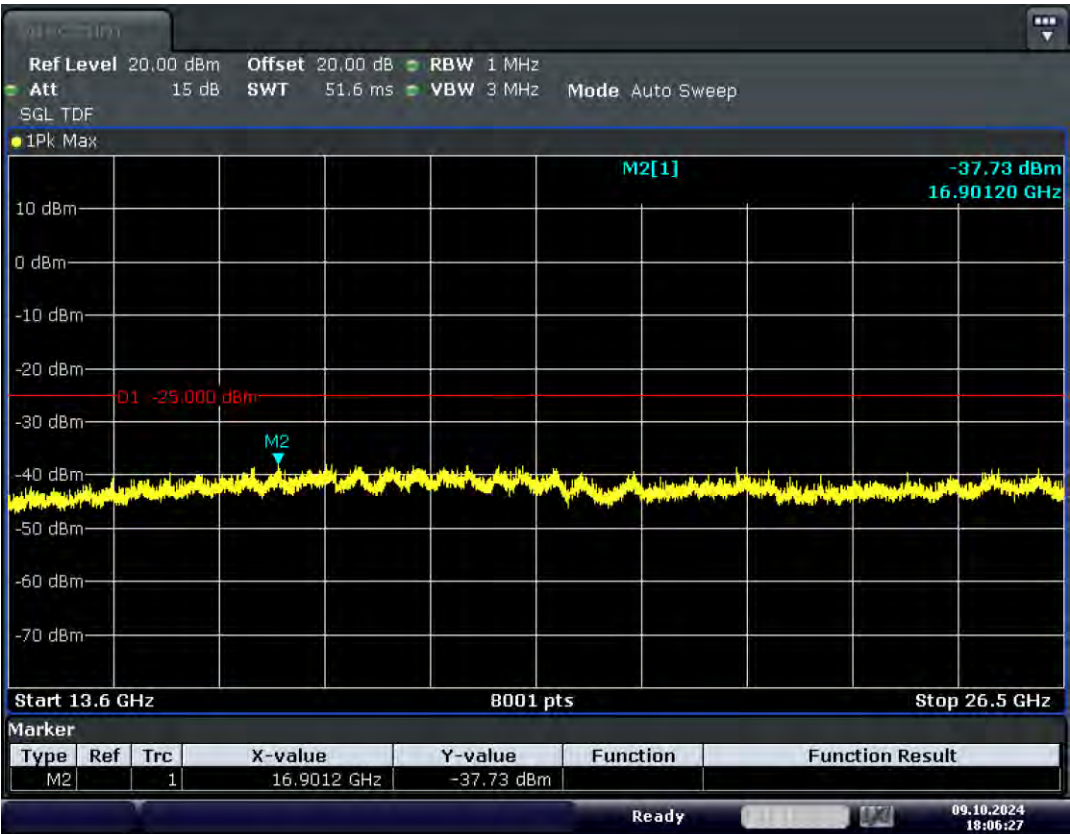




OB38-5-2617.5-Q16-25#LOW@7GHz-13.6GHz@Pass

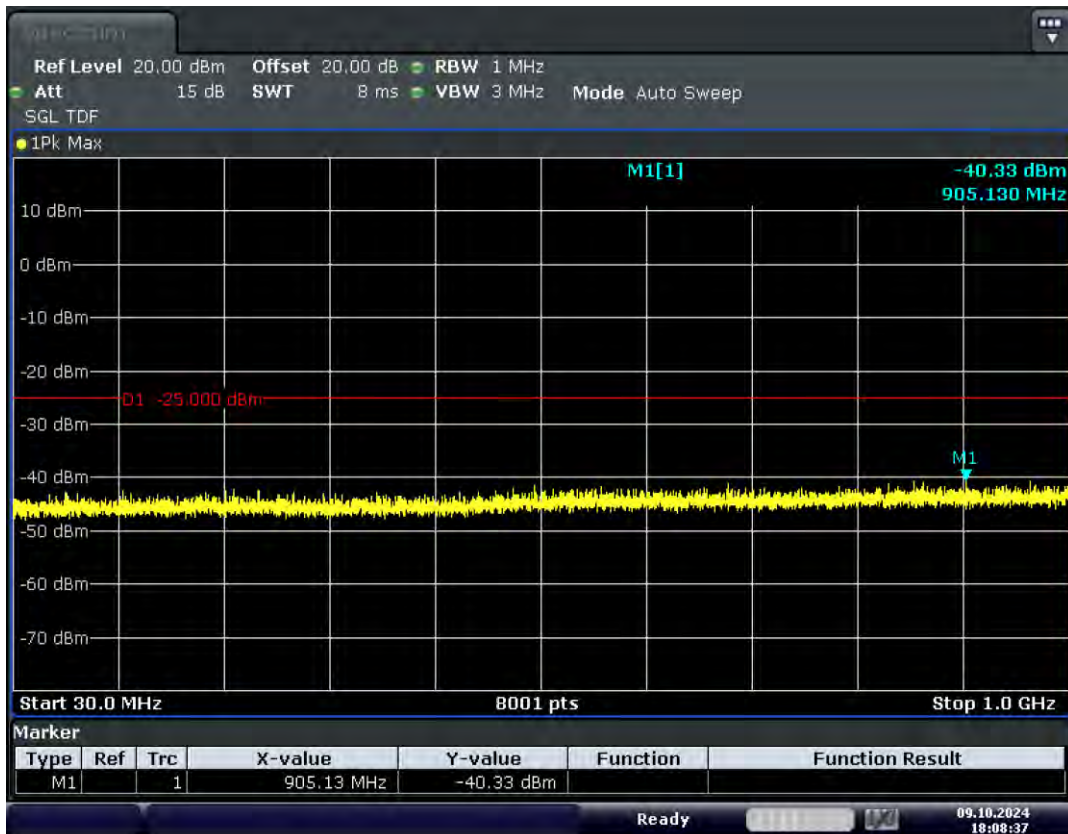


OB38-5-2617.5-Q16-25#LOW@13.6GHz-26.5GHz@Pass

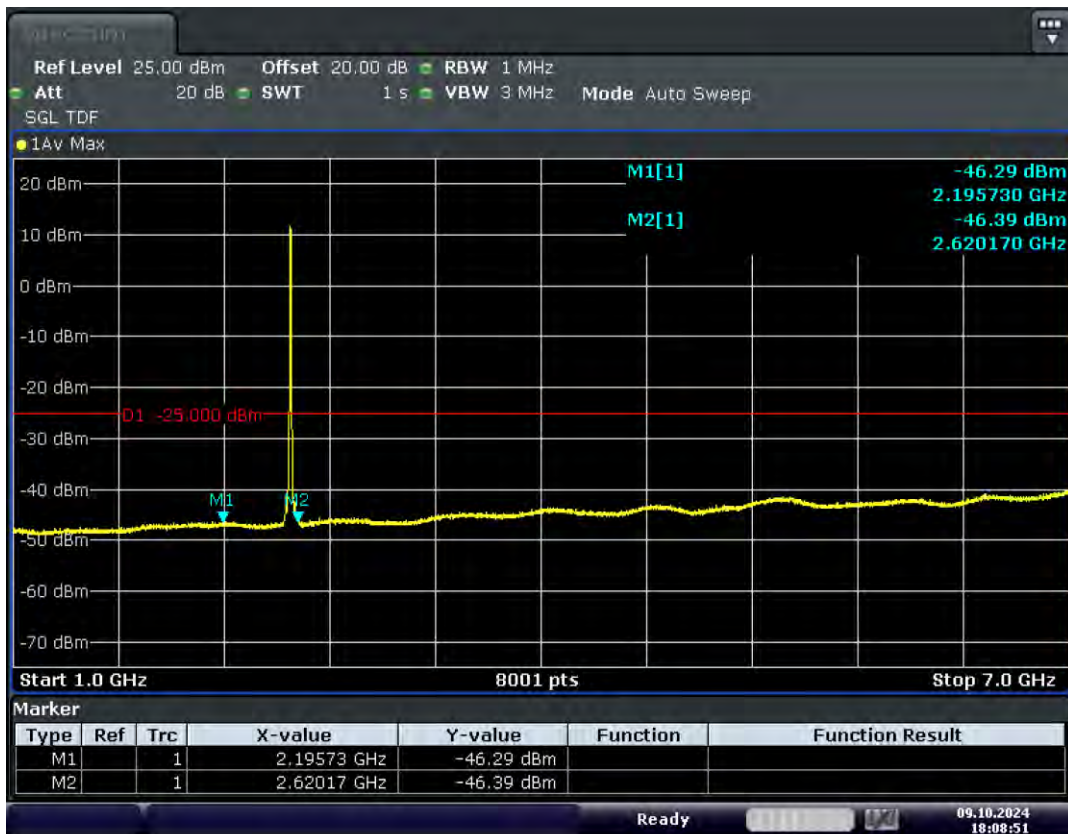




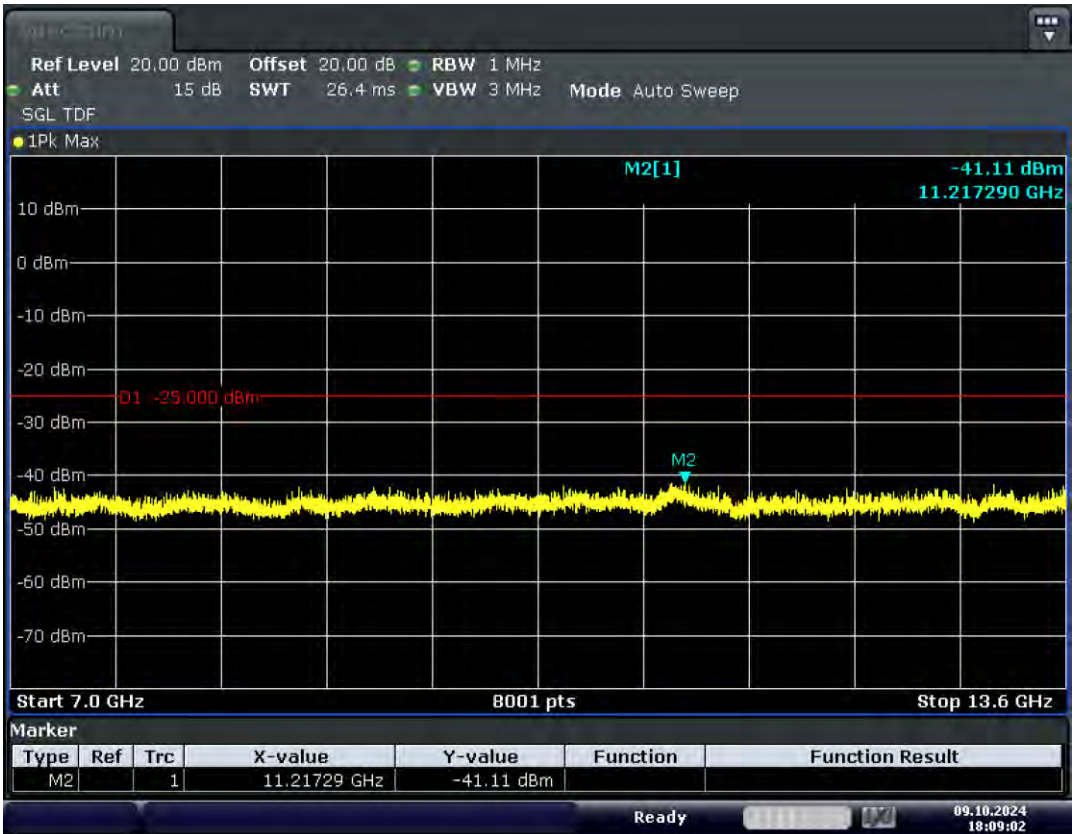
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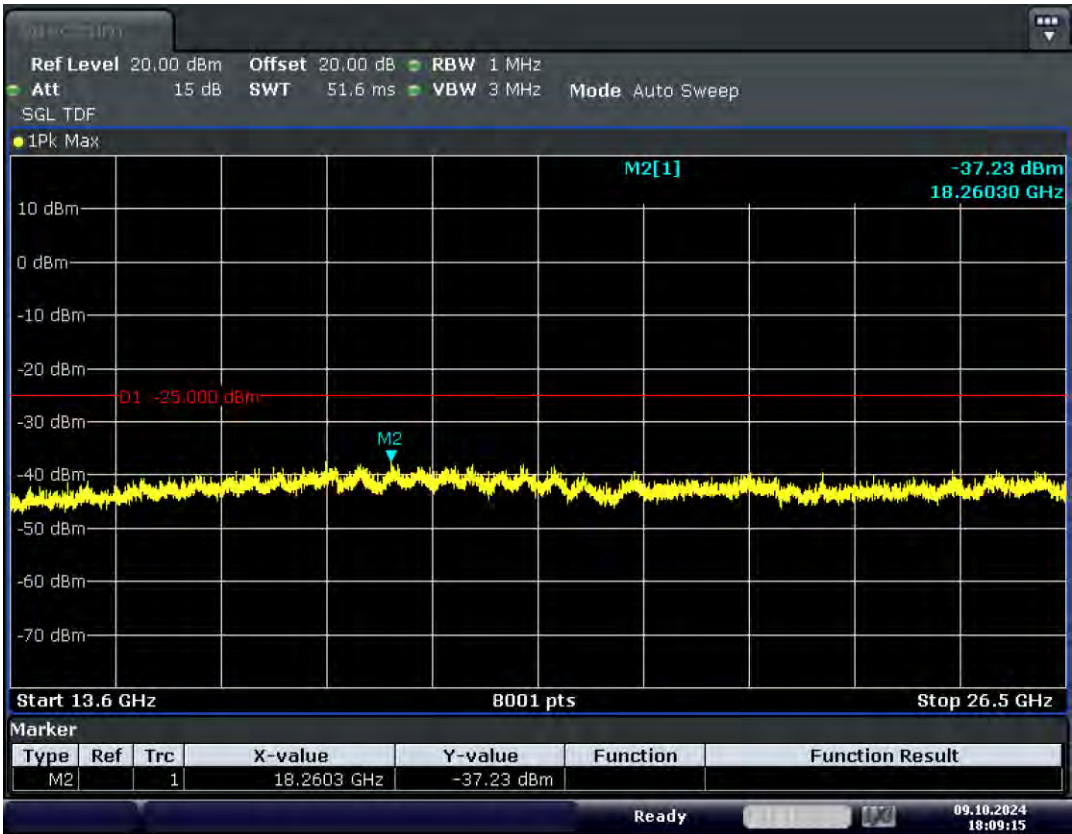
## OB38-10-2575-QPSK-50#LOW@1GHz-7GHz@Pass



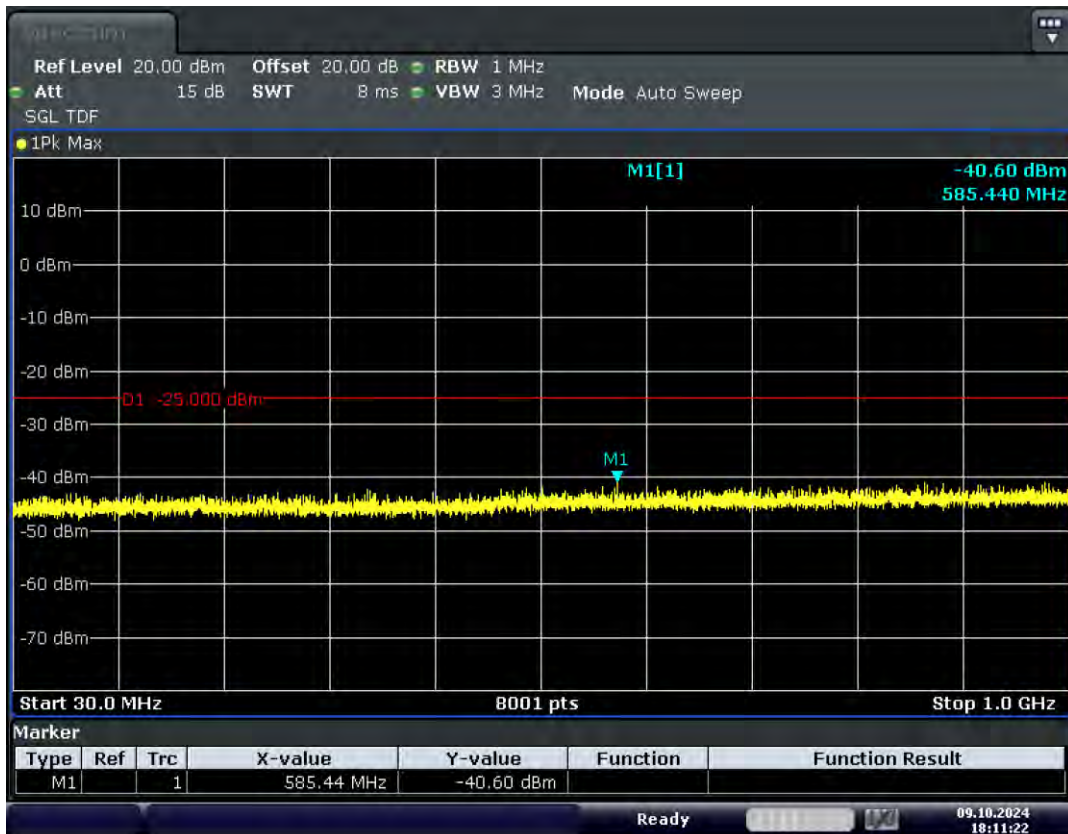
OB38-10-2575-QPSK-50#LOW@7GHz-13.6GHz@Pass



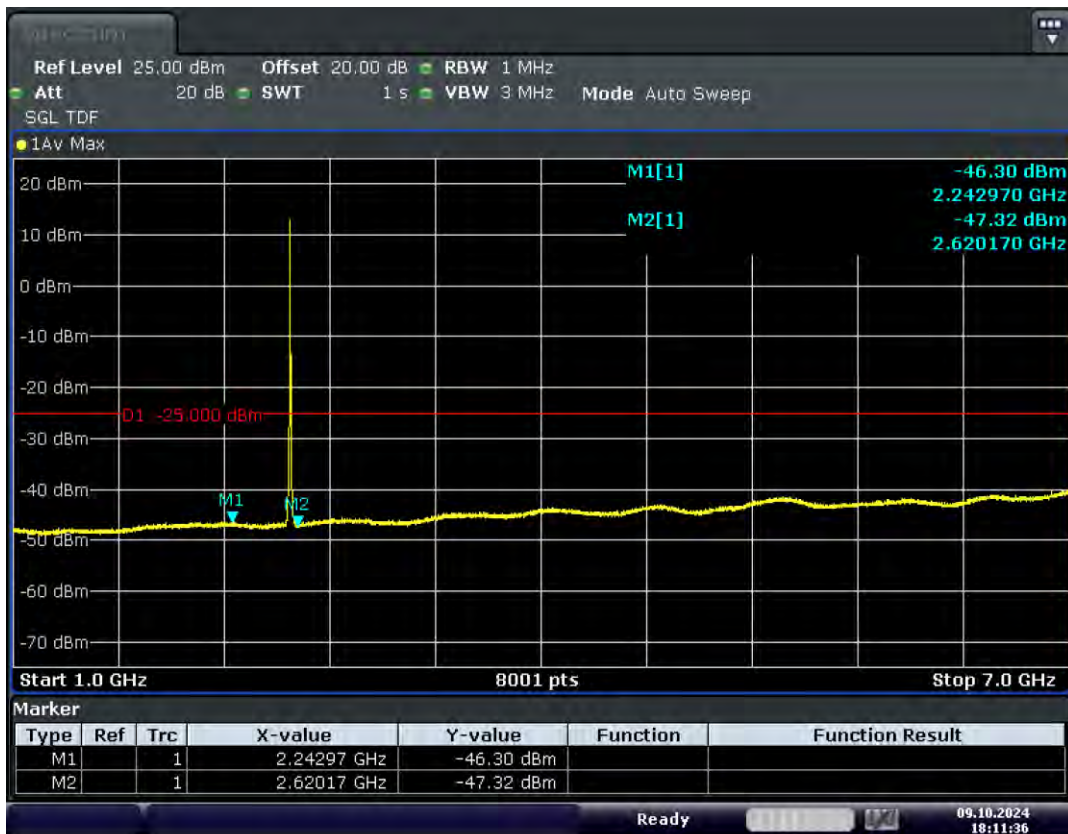
OB38-10-2575-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



OB38-10-2575-Q16-27#LOW@30mHz-1GHz@Pass

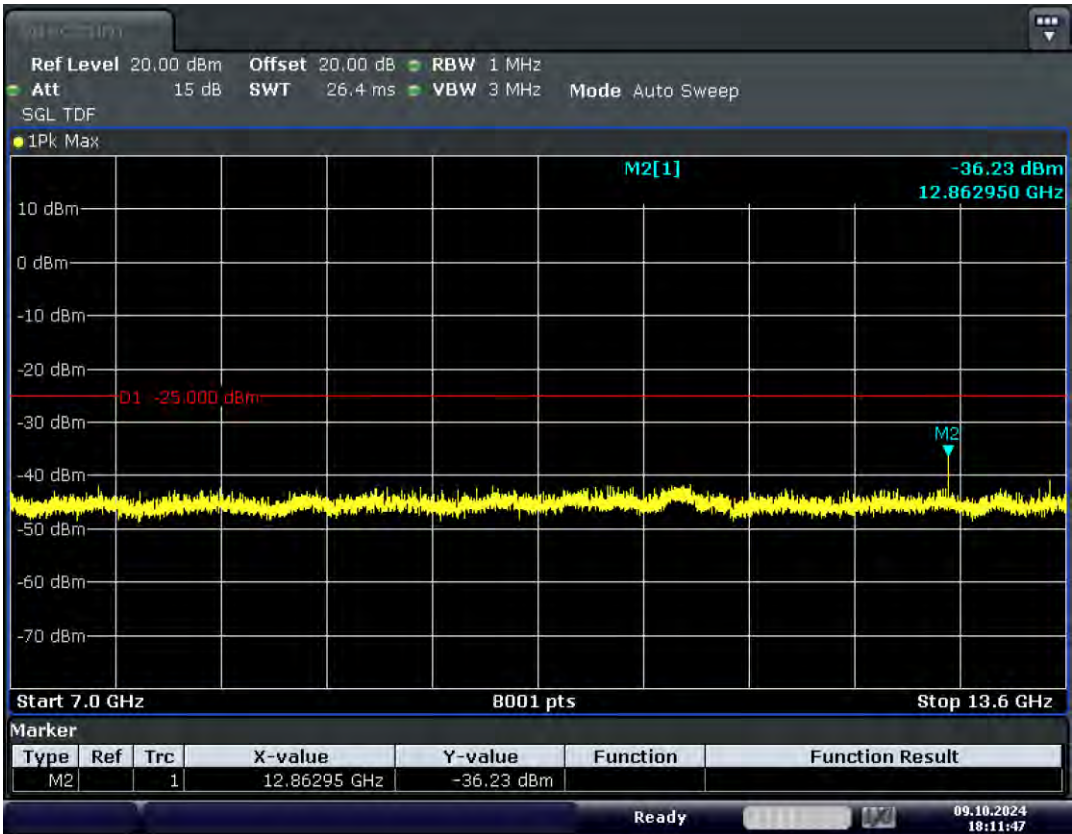


OB38-10-2575-Q16-27#LOW@1GHz-7GHz@Pass

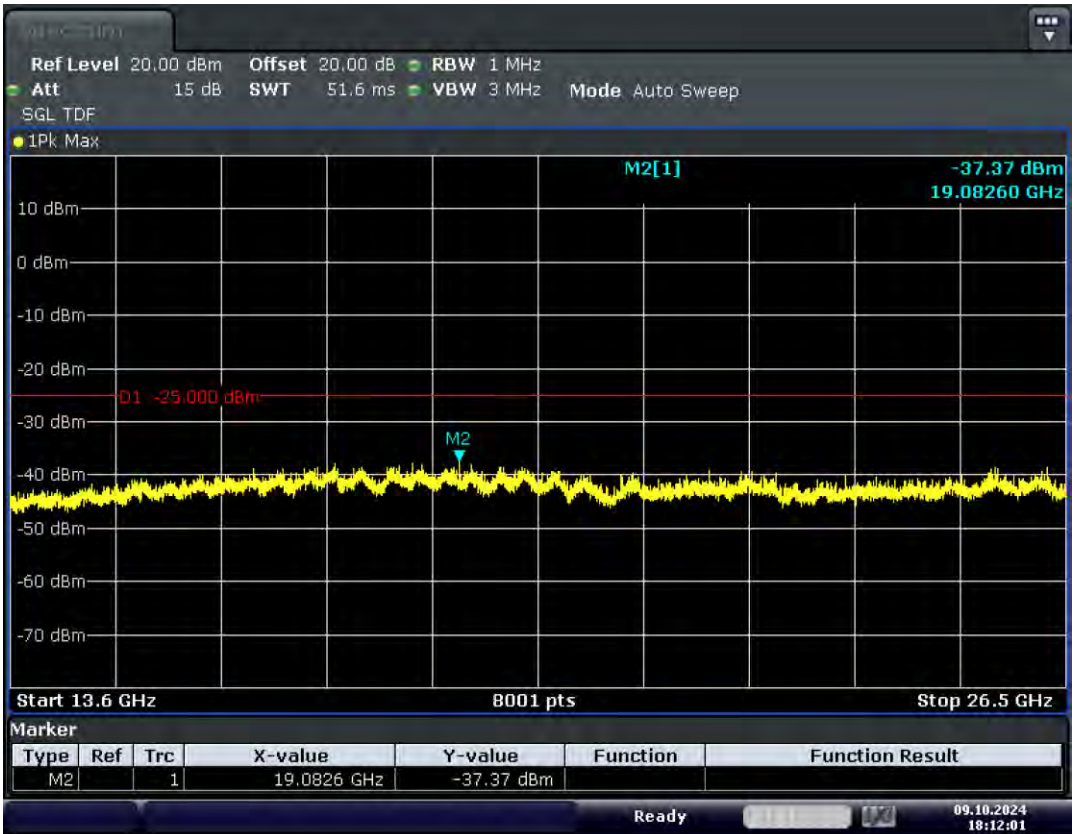




OB38-10-2575-Q16-27#LOW@7GHz-13.6GHz@Pass

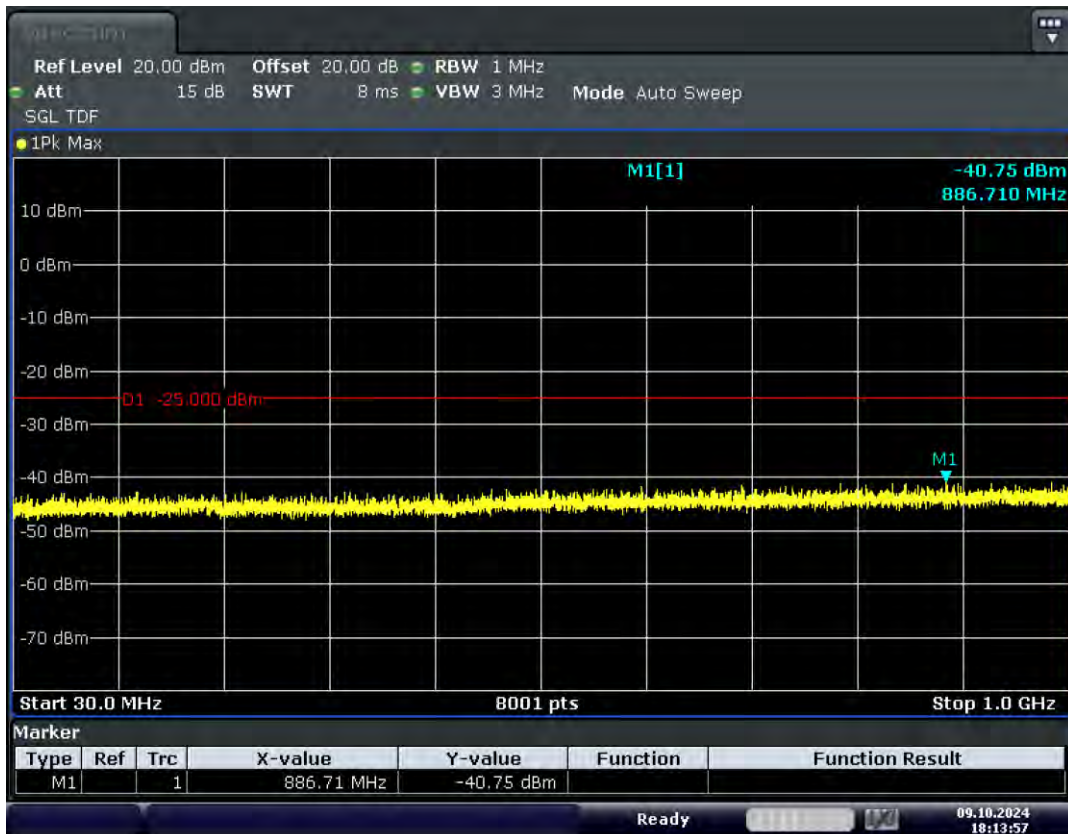


OB38-10-2575-Q16-27#LOW@13.6GHz-26.5GHz@Pass





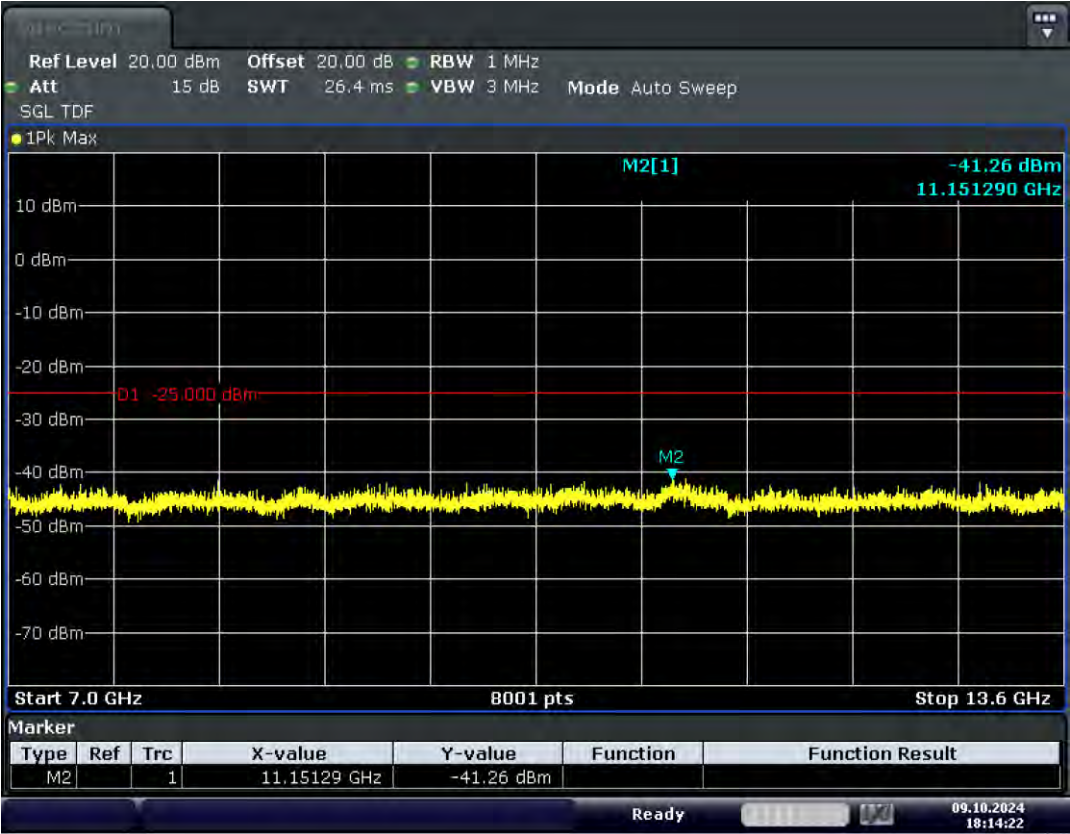
## OB38-10-2595-QPSK-50#LOW@30mHz-1GHz@Pass



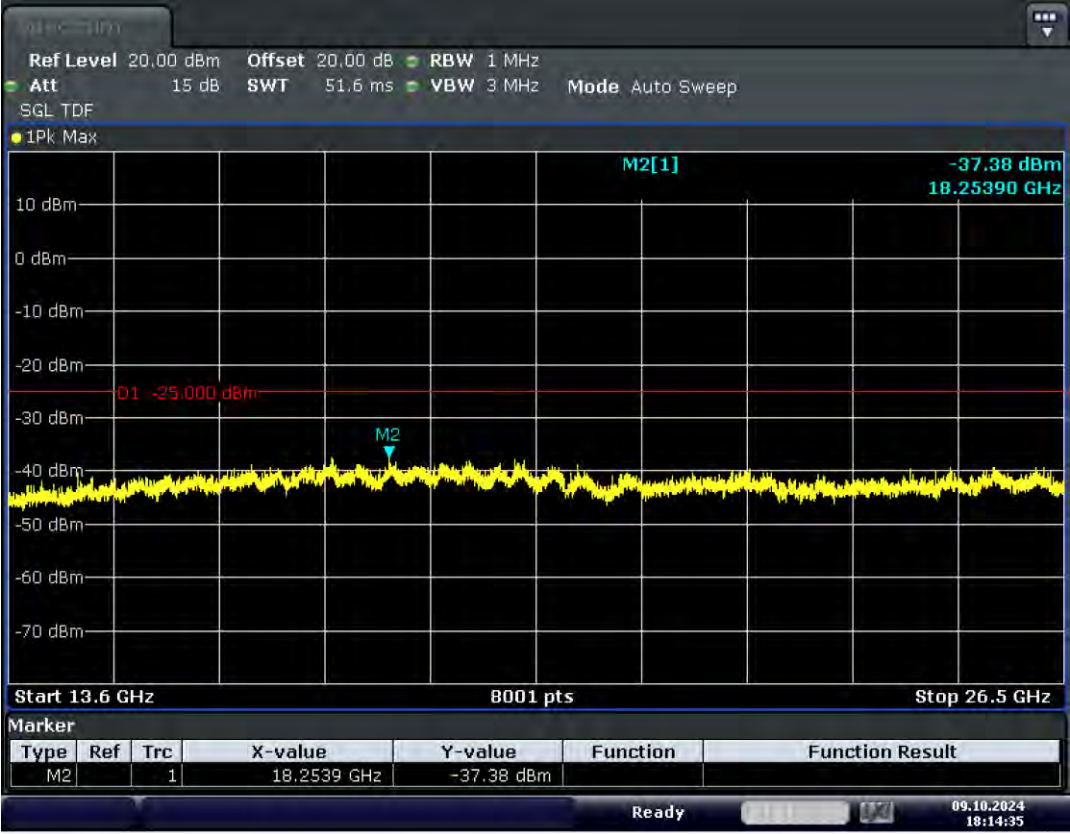
## OB38-10-2595-QPSK-50#LOW@1GHz-7GHz@Pass



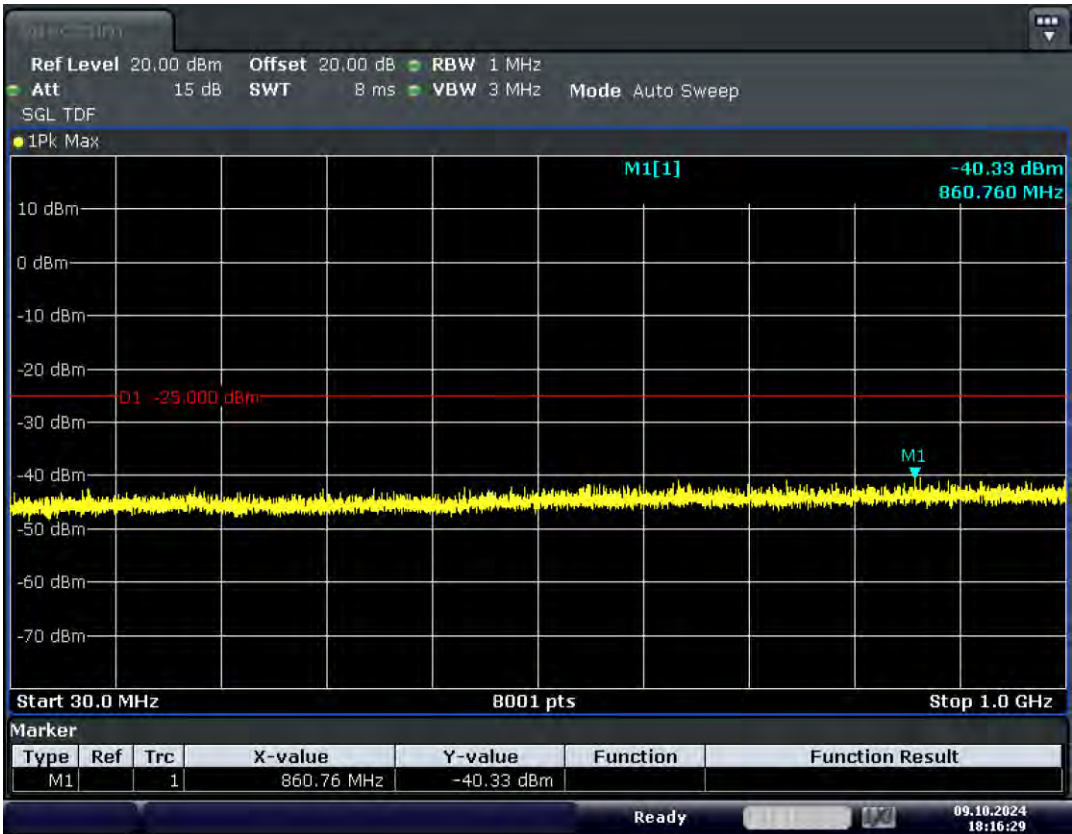
OB38-10-2595-QPSK-50#LOW@7GHz-13.6GHz@Pass



OB38-10-2595-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



OB38-10-2595-Q16-27#LOW@30mHz-1GHz@Pass

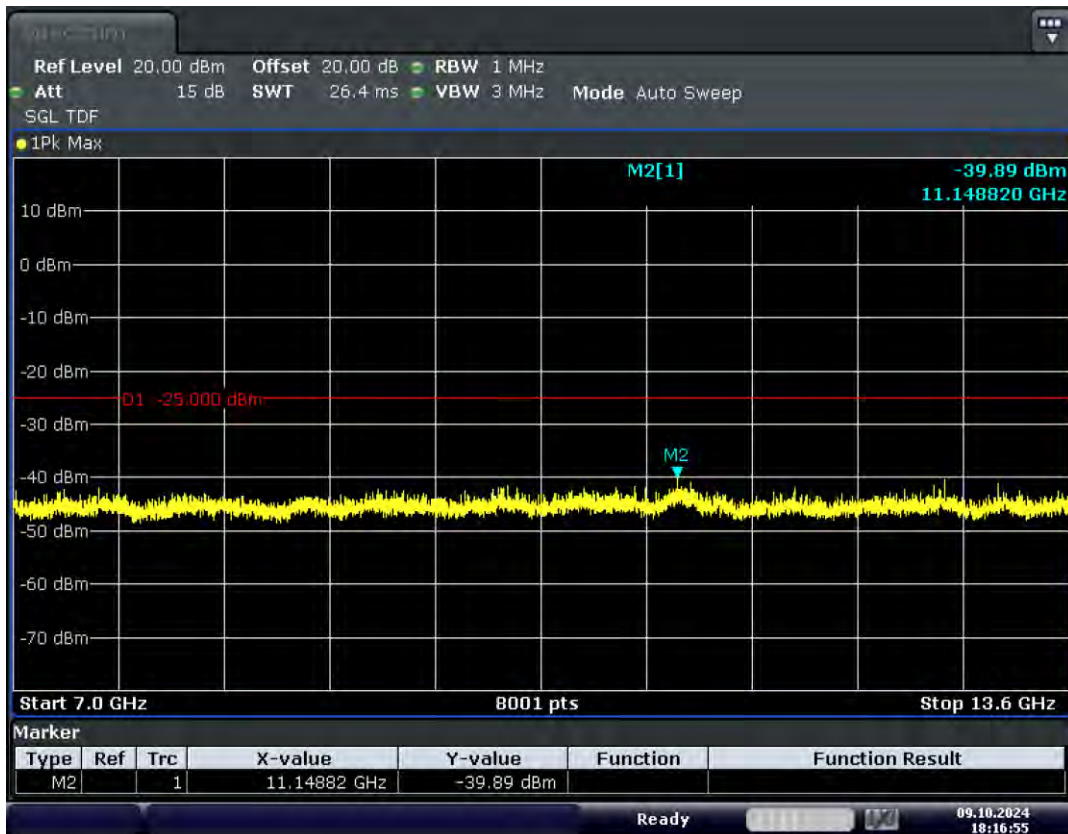


OB38-10-2595-Q16-27#LOW@1GHz-7GHz@Pass

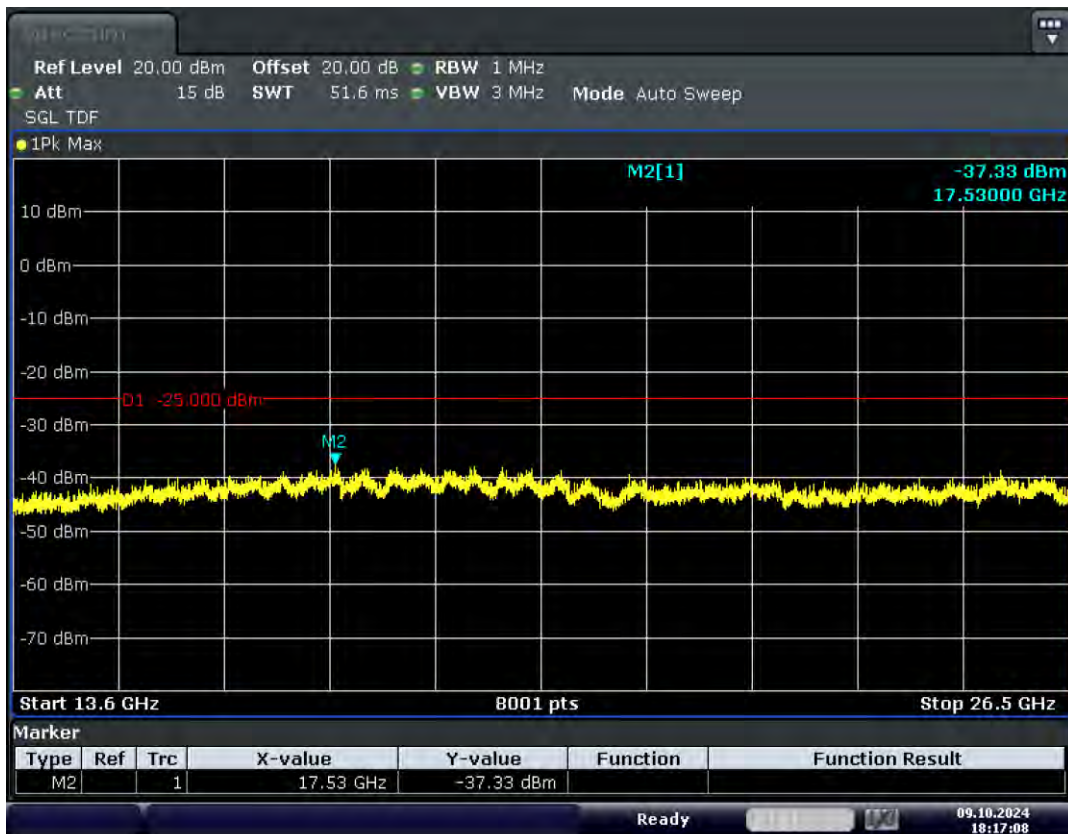




OB38-10-2595-Q16-27#LOW@7GHz-13.6GHz@Pass

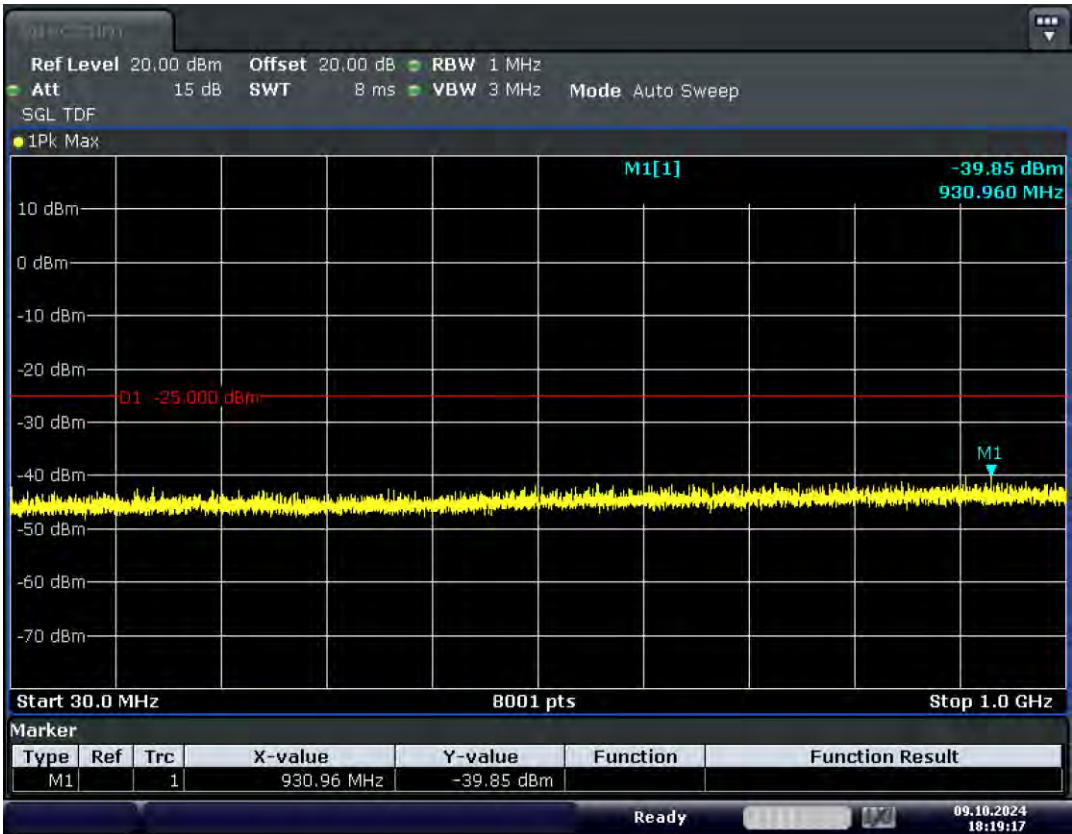


OB38-10-2595-Q16-27#LOW@13.6GHz-26.5GHz@Pass





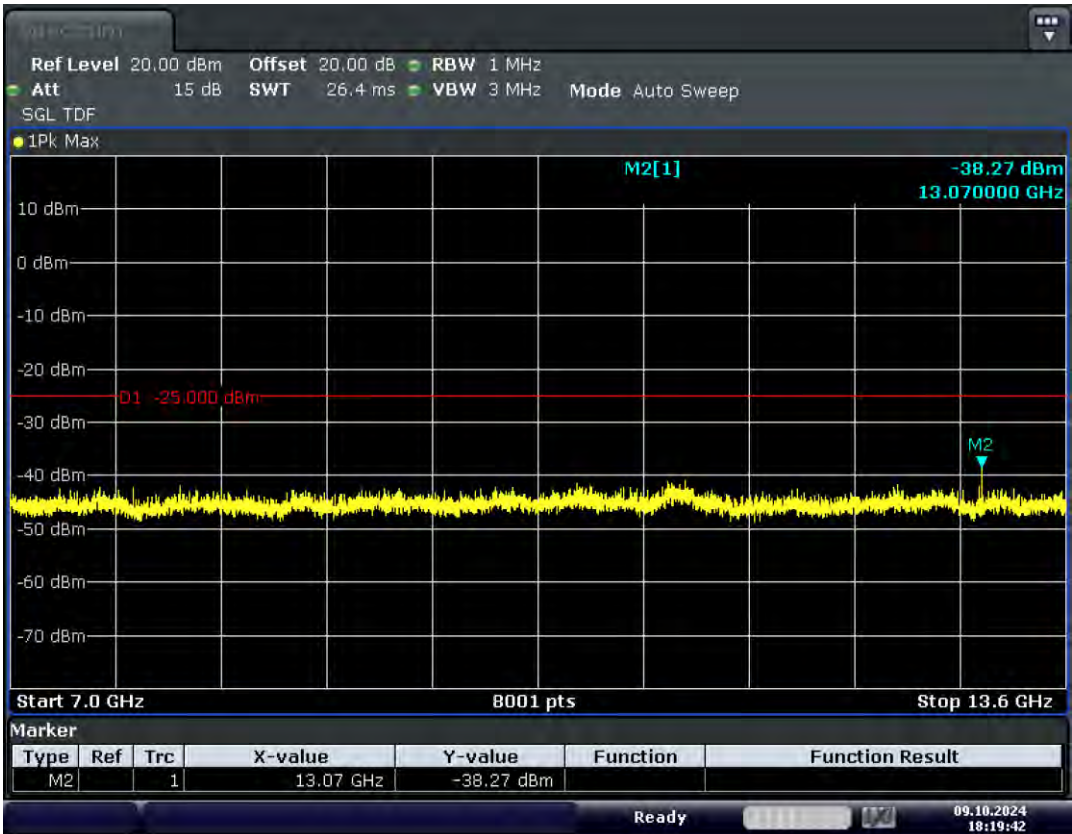
OB38-10-2615-QPSK-50#LOW@30mHz-1GHz@Pass



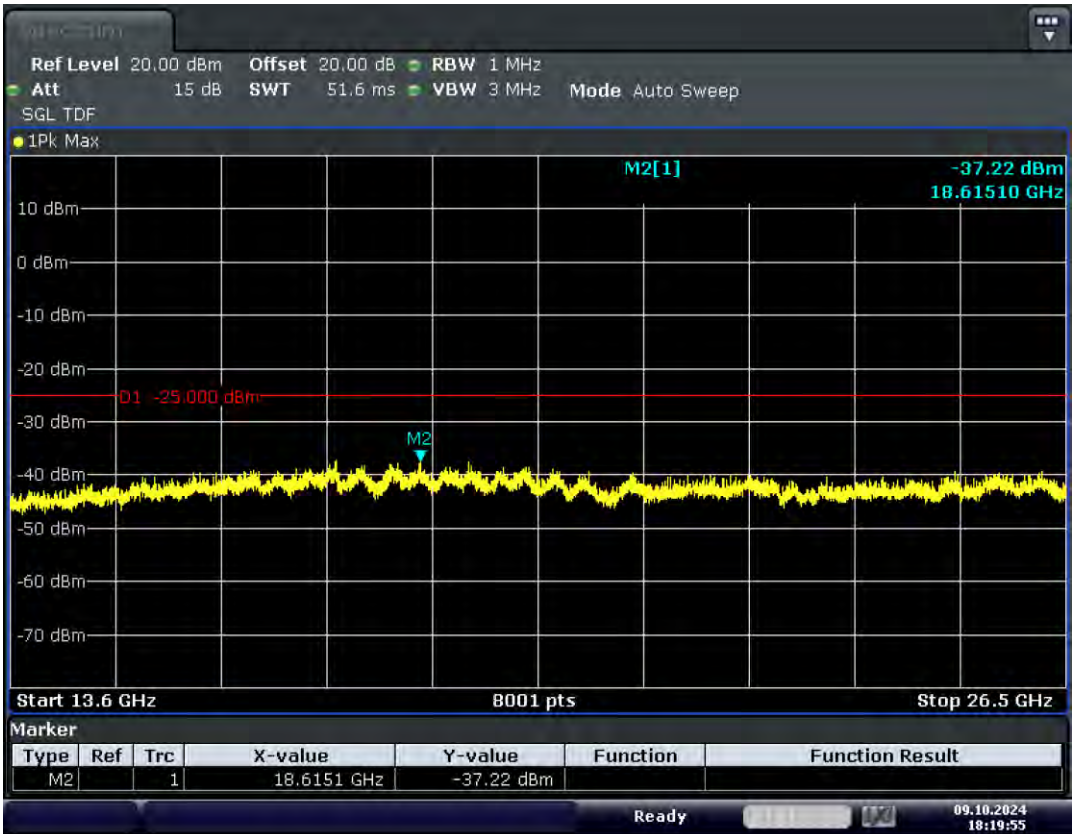
OB38-10-2615-QPSK-50#LOW@1GHz-7GHz@Pass



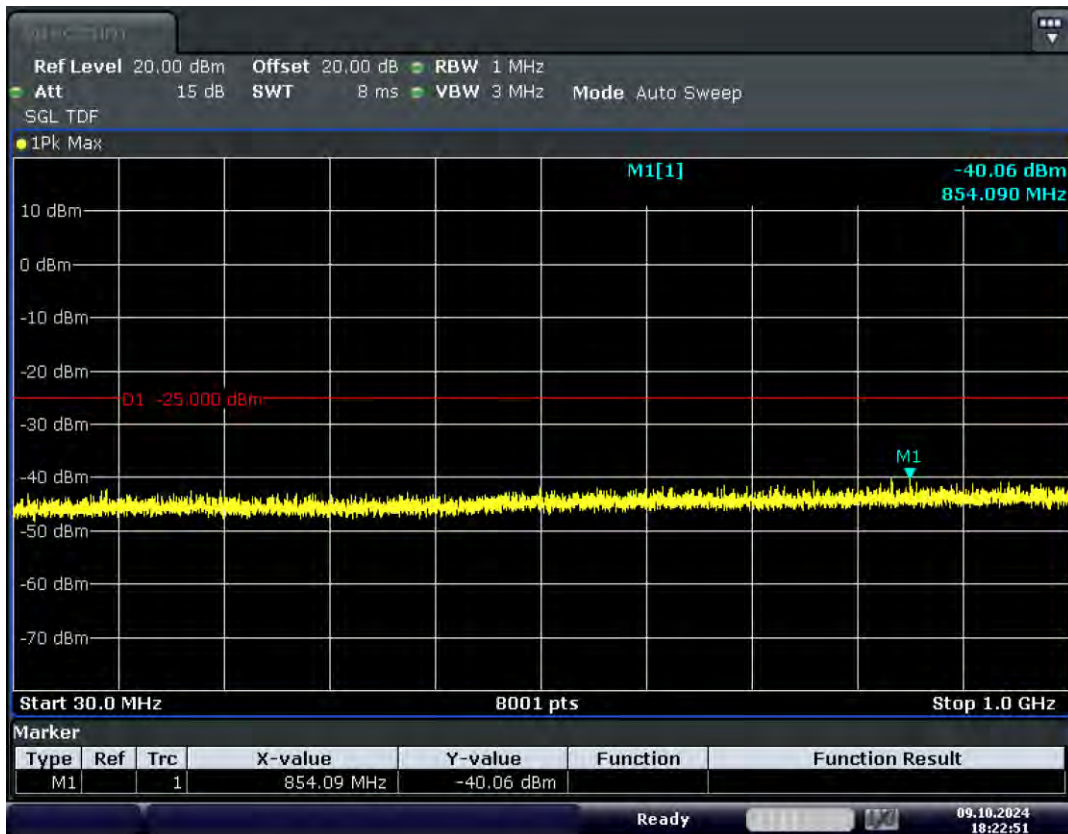
OB38-10-2615-QPSK-50#LOW@7GHz-13.6GHz@Pass



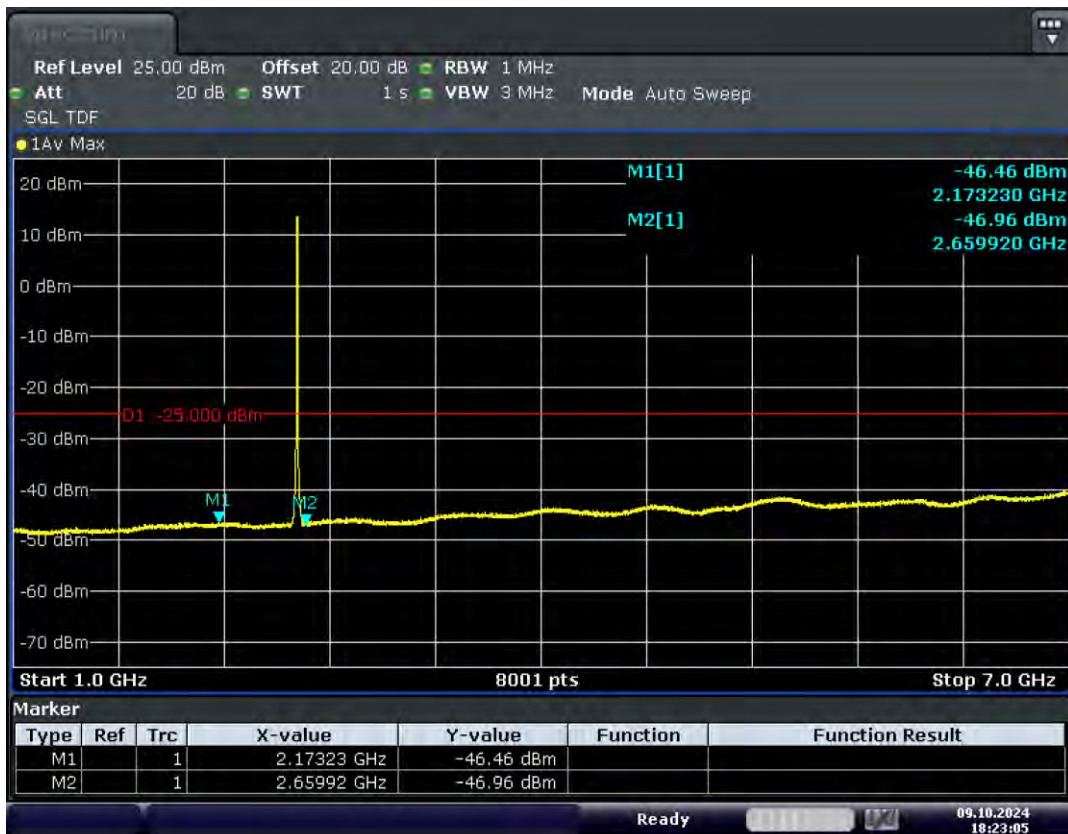
OB38-10-2615-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



OB38-10-2615-Q16-27#LOW@30mHz-1GHz@Pass

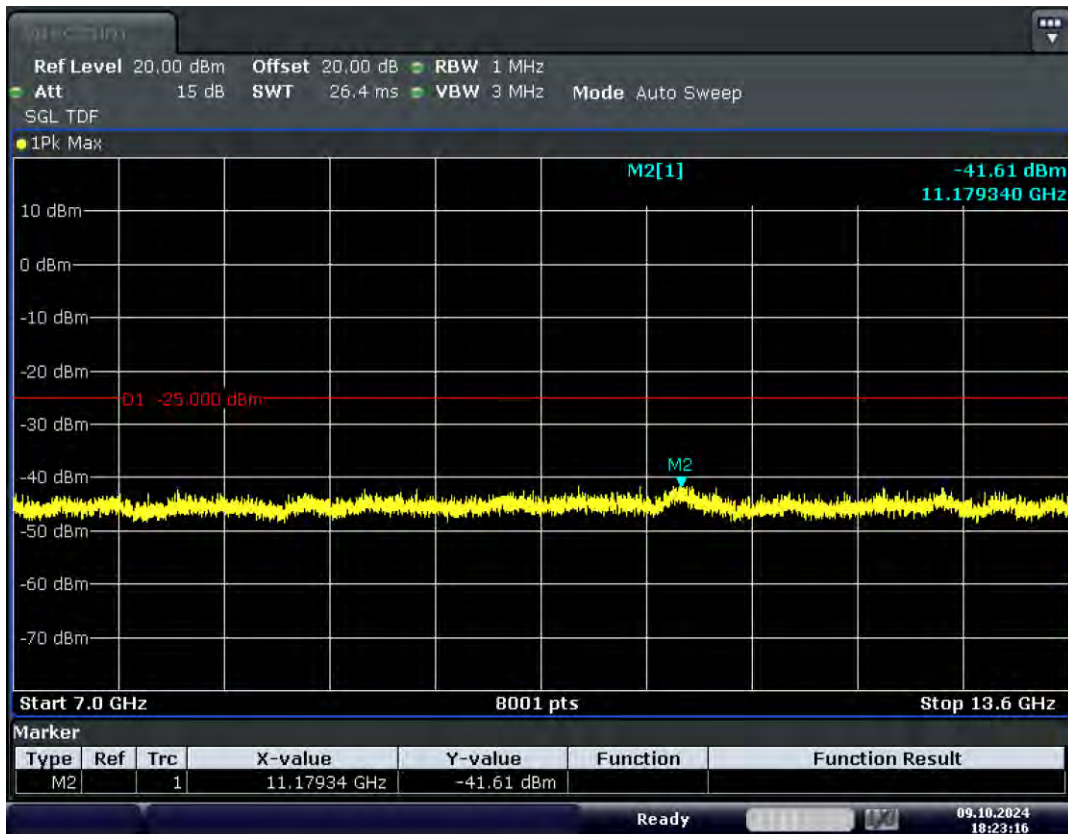


OB38-10-2615-Q16-27#LOW@1GHz-7GHz@Pass

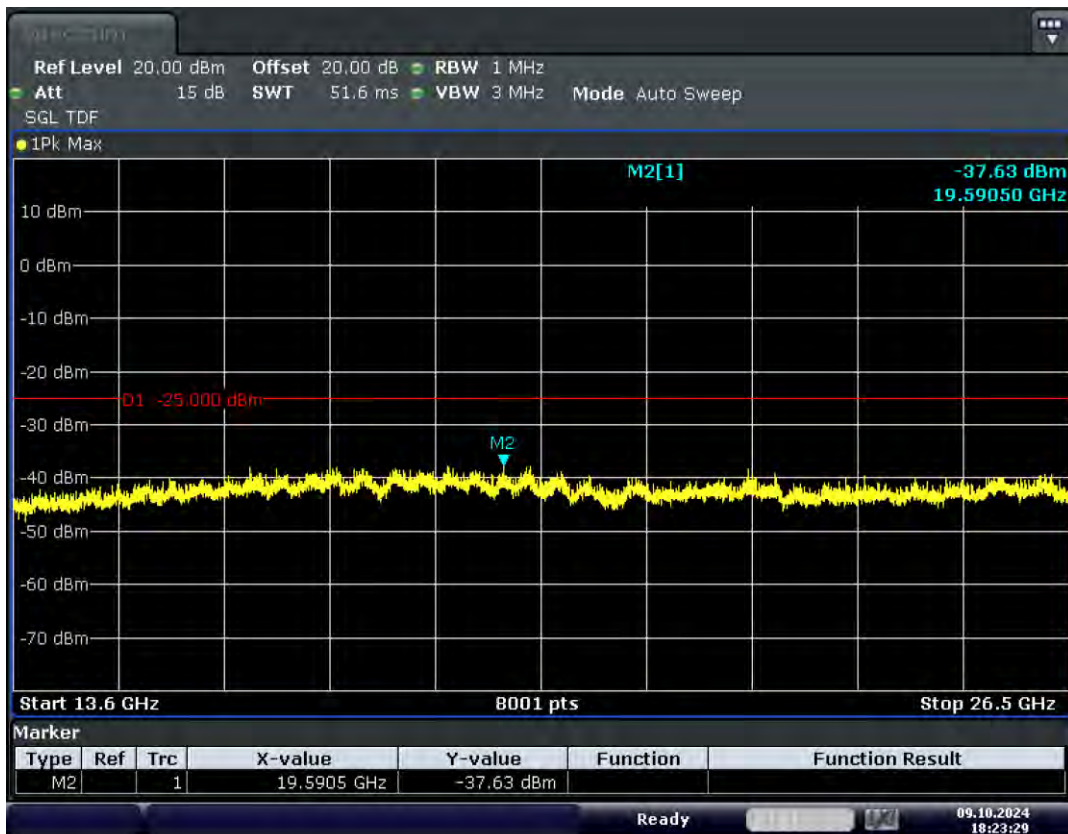




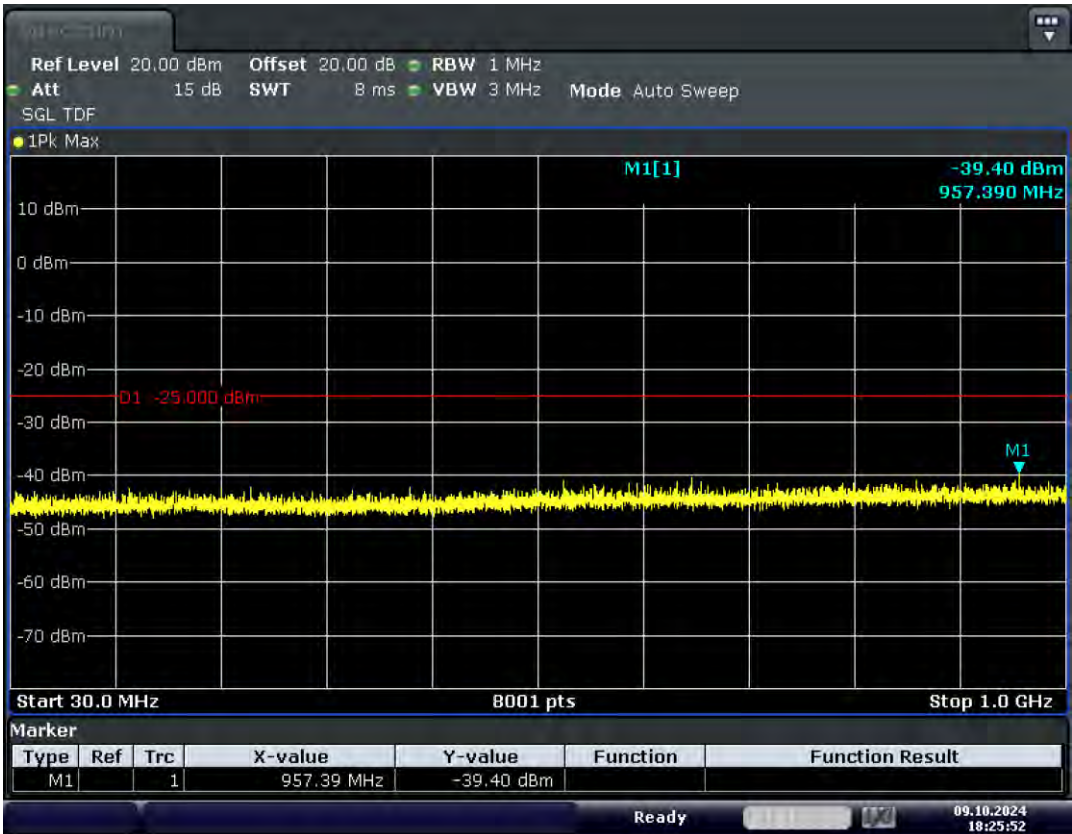
## OB38-10-2615-Q16-27#LOW@7GHz-13.6GHz@Pass



## OB38-10-2615-Q16-27#LOW@13.6GHz-26.5GHz@Pass



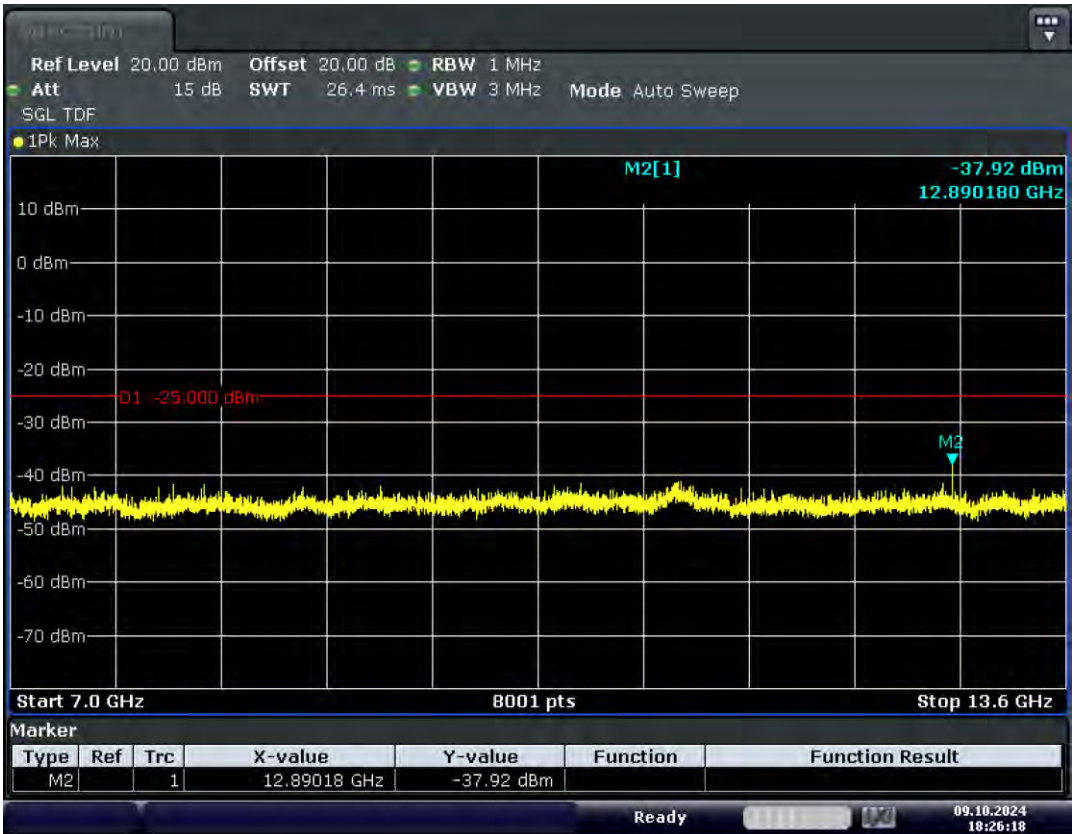
OB38-15-2577.5-QPSK-75#LOW@30mHz-1GHz@Pass



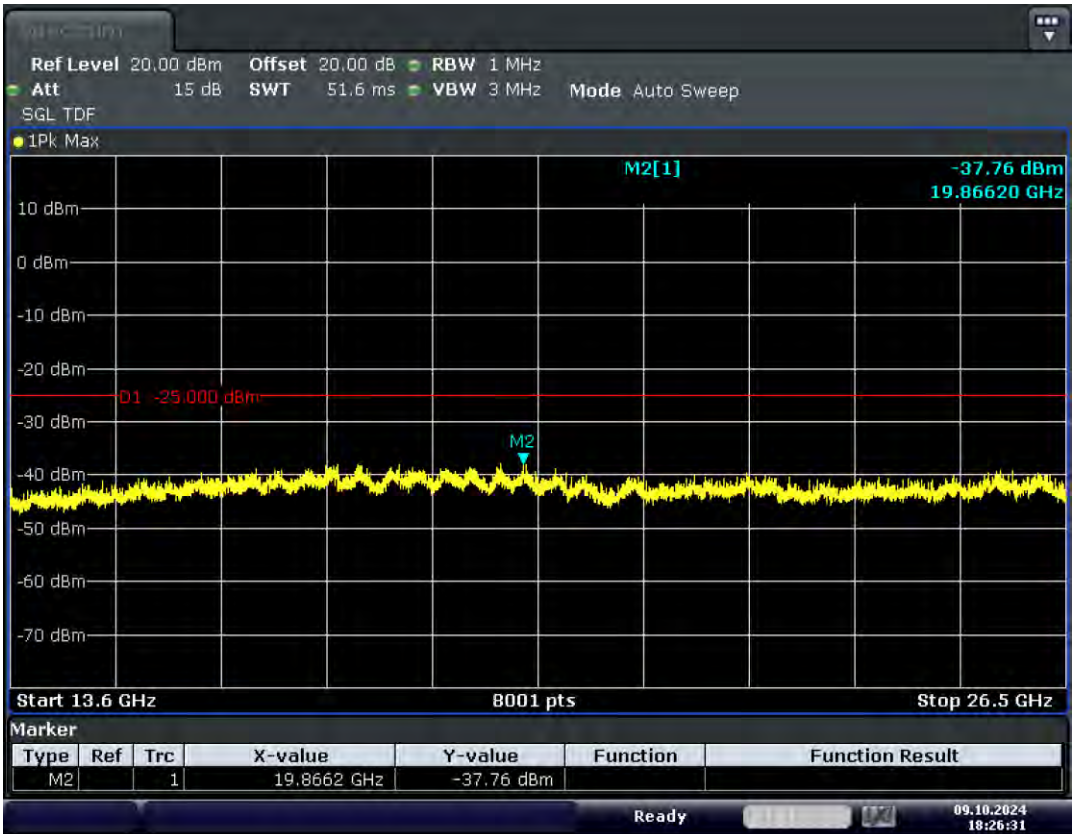
OB38-15-2577.5-QPSK-75#LOW@1GHz-7GHz@Pass



OB38-15-2577.5-QPSK-75#LOW@7GHz-13.6GHz@Pass

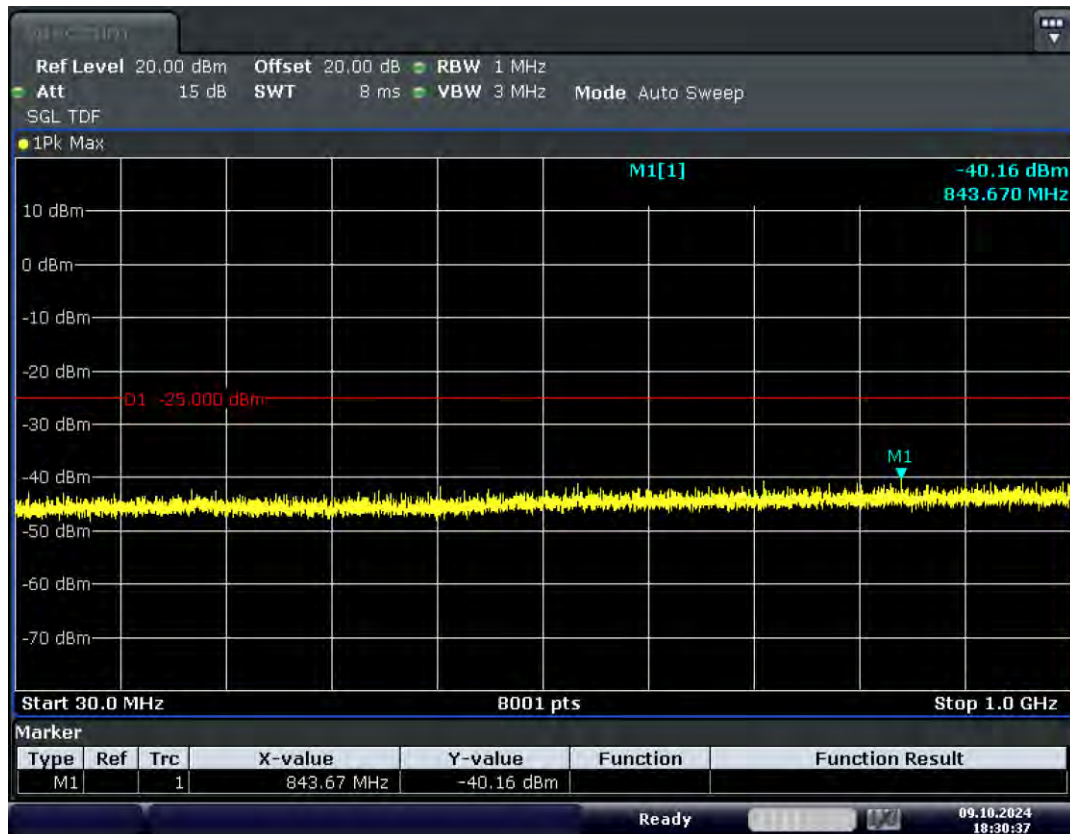


OB38-15-2577.5-QPSK-75#LOW@13.6GHz-26.5GHz@Pass

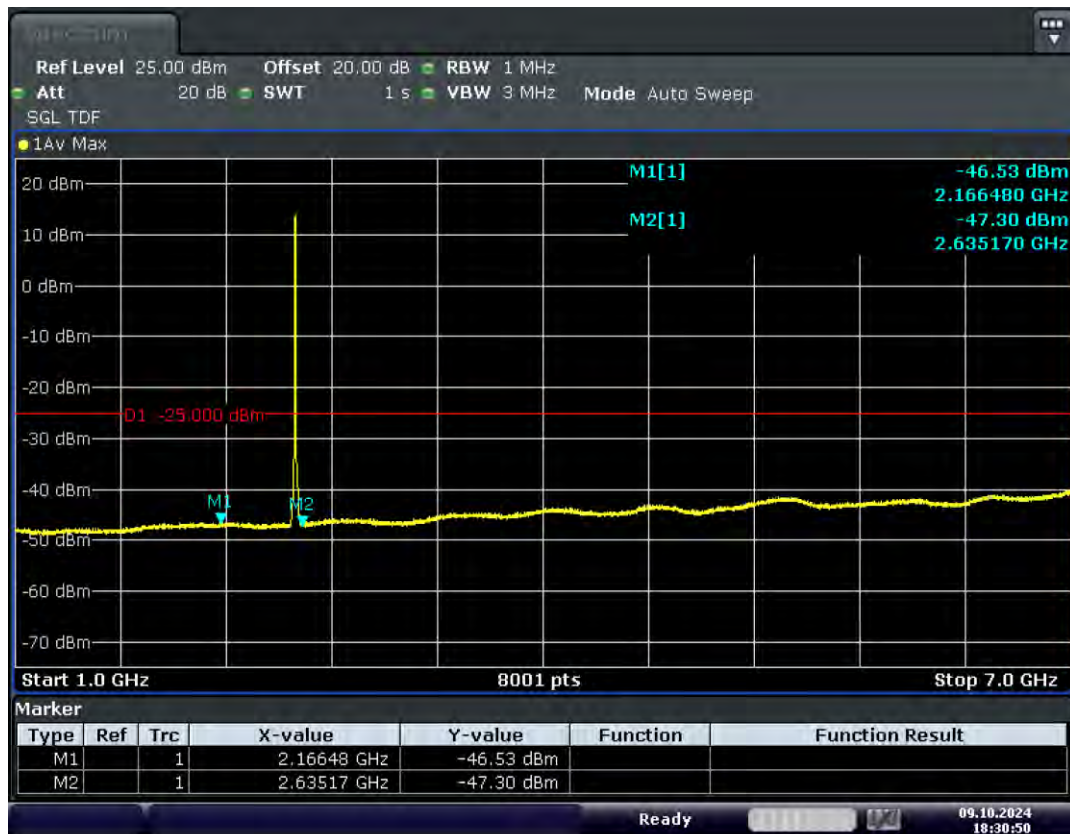




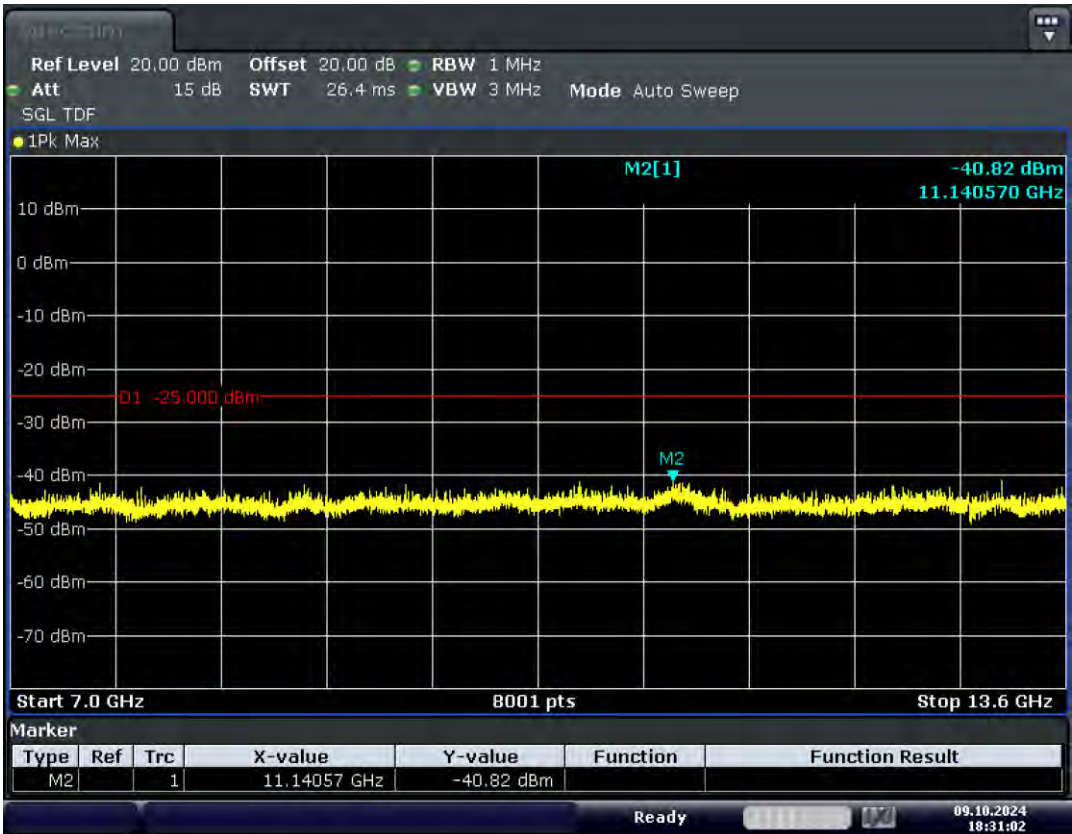
## OB38-15-2577.5-Q16-27#LOW@30mHz-1GHz@Pass



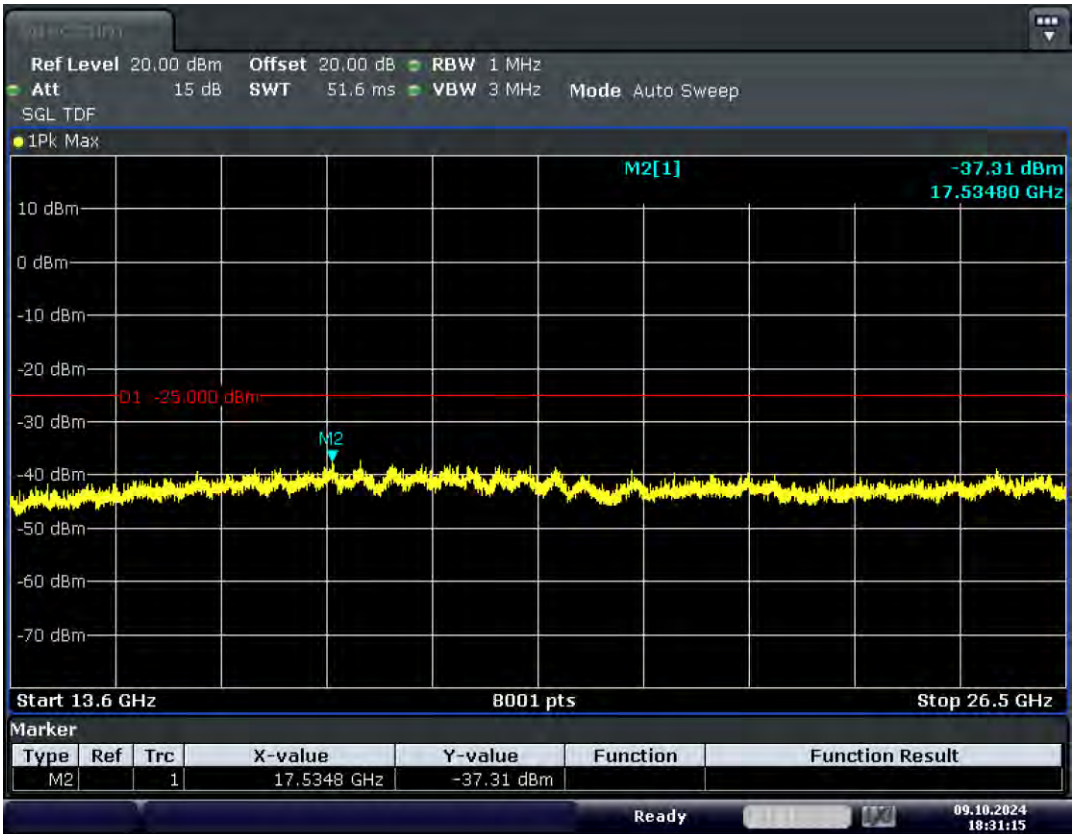
## OB38-15-2577.5-Q16-27#LOW@1GHz-7GHz@Pass



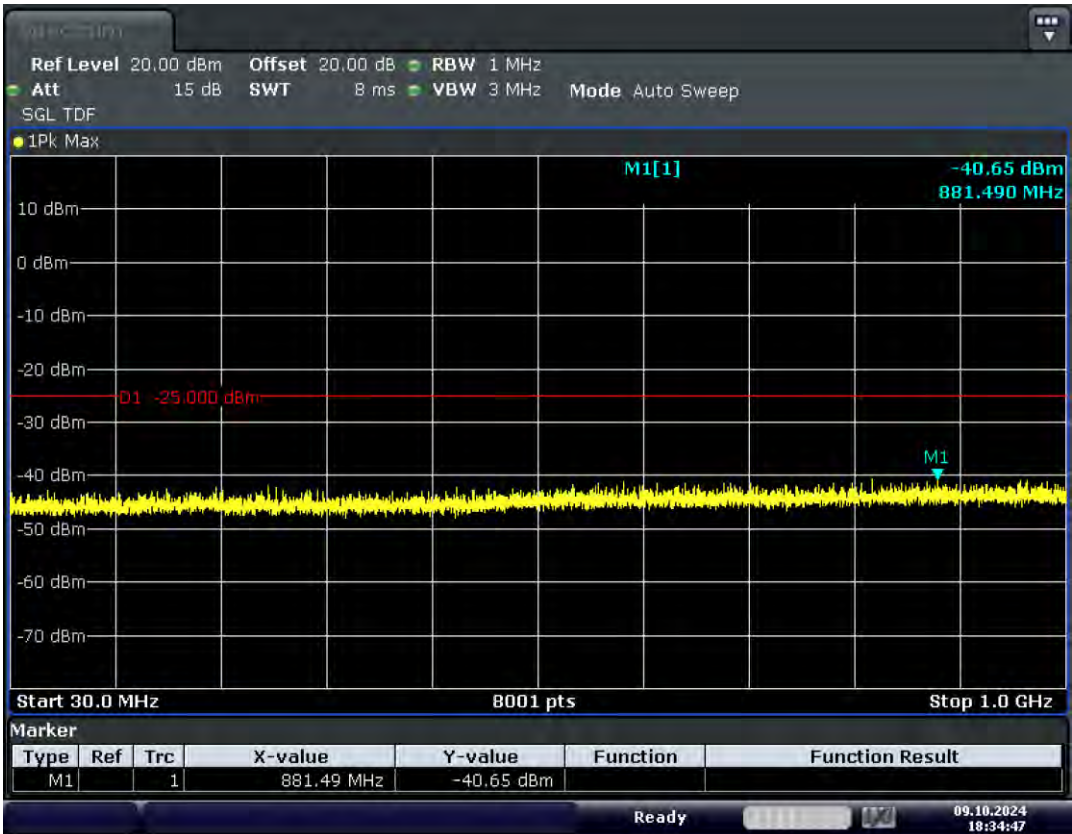
OB38-15-2577.5-Q16-27#LOW@7GHz-13.6GHz@Pass



OB38-15-2577.5-Q16-27#LOW@13.6GHz-26.5GHz@Pass



OB38-15-2595-QPSK-75#LOW@30mHz-1GHz@Pass

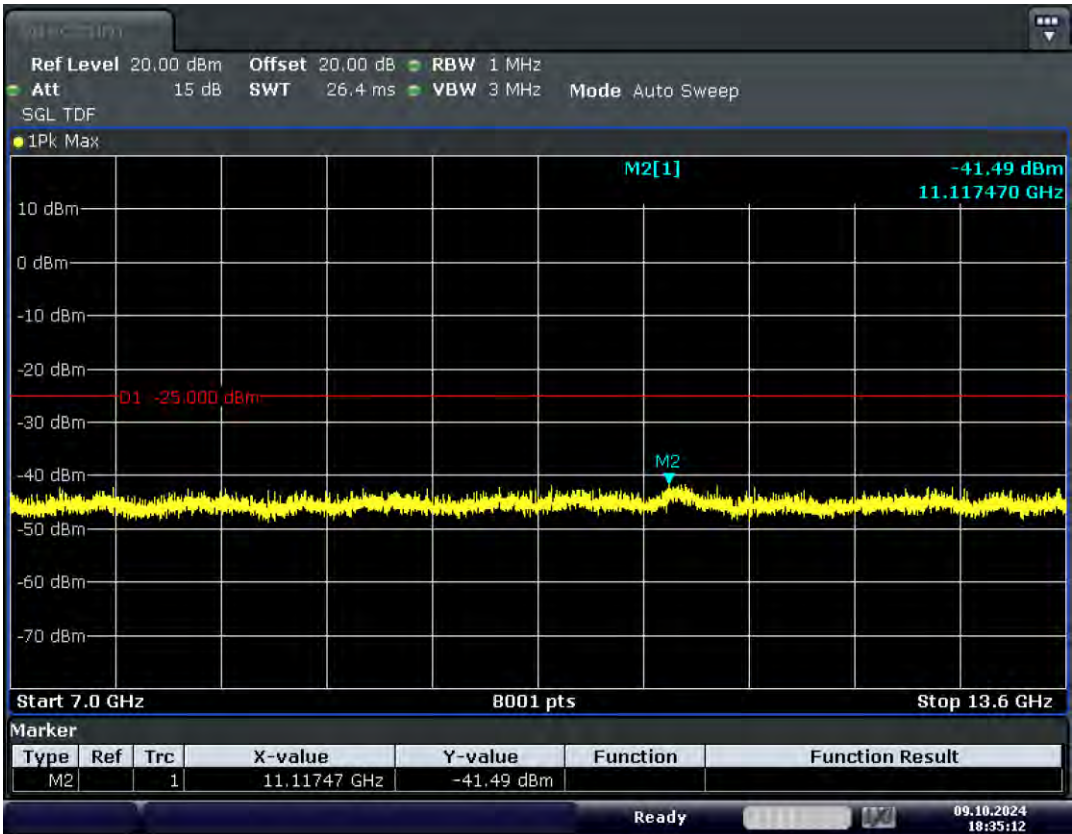


OB38-15-2595-QPSK-75#LOW@1GHz-7GHz@Pass

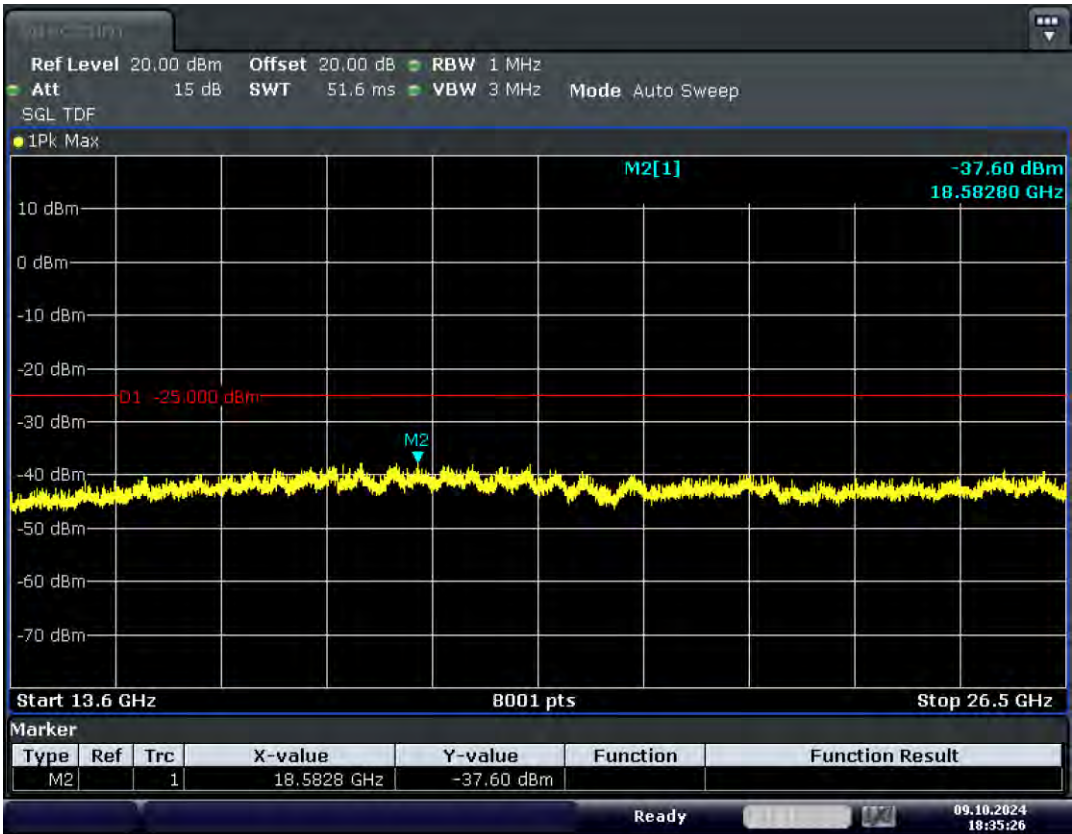




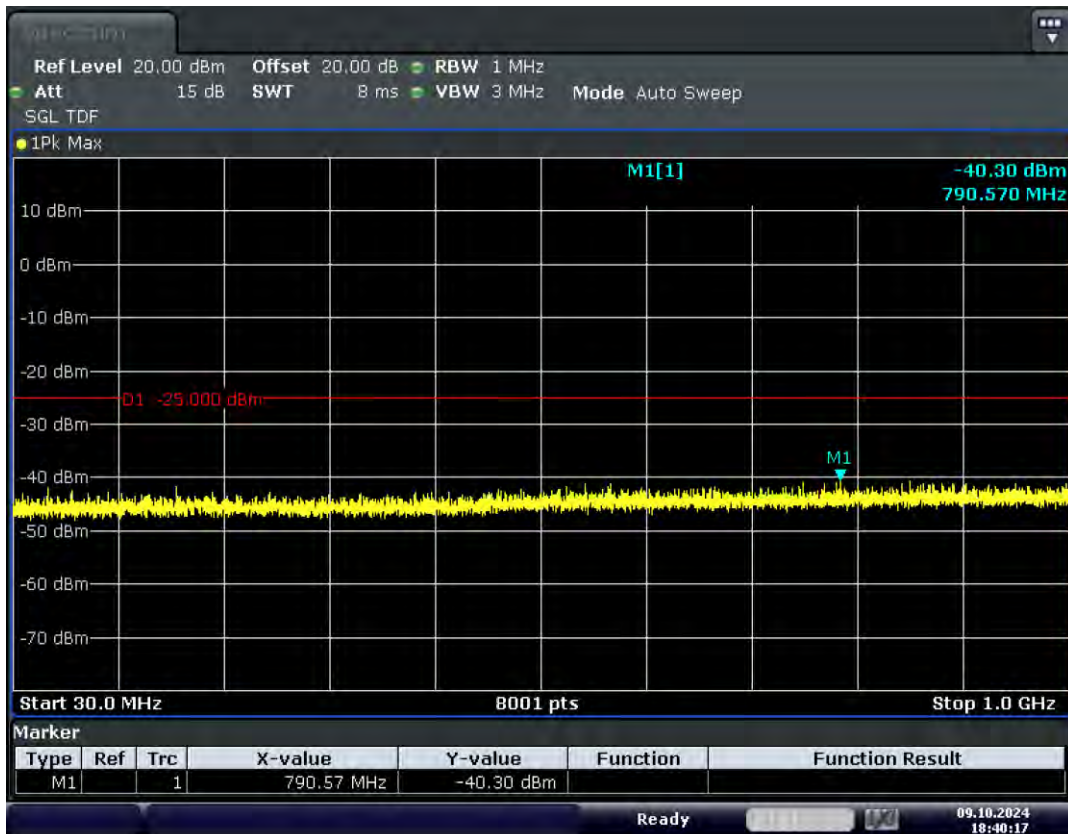
OB38-15-2595-QPSK-75#LOW@7GHz-13.6GHz@Pass



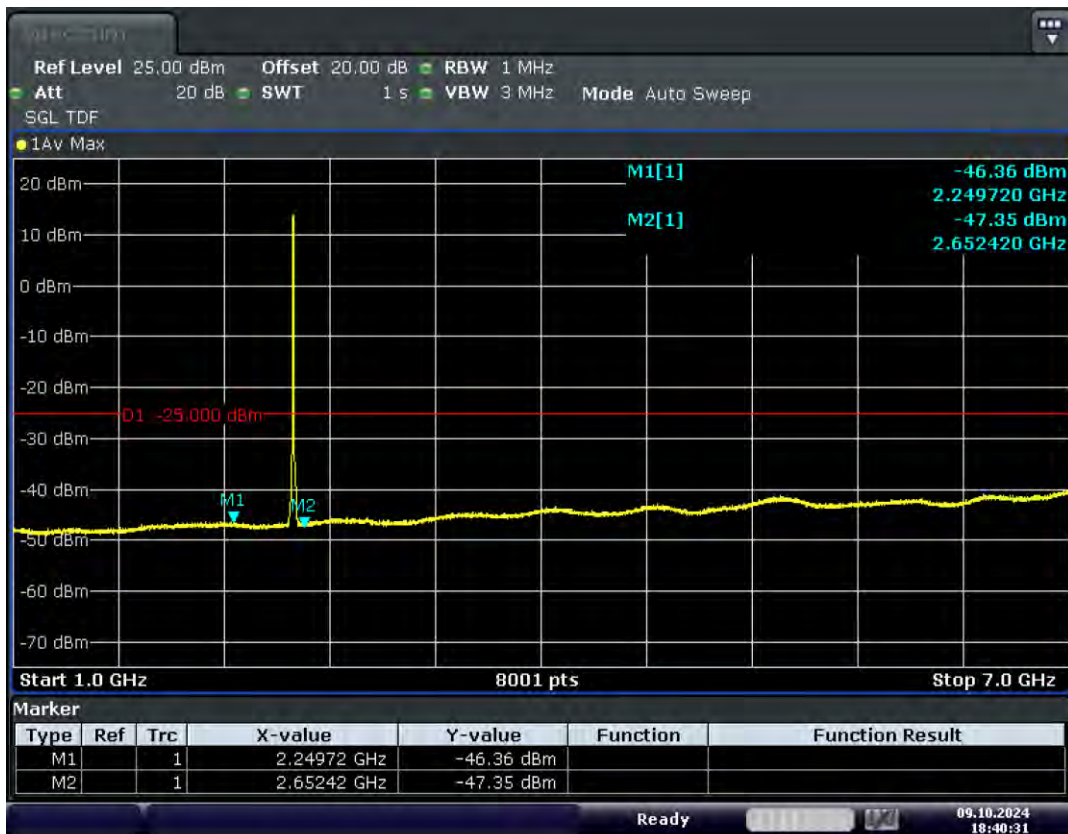
OB38-15-2595-QPSK-75#LOW@13.6GHz-26.5GHz@Pass



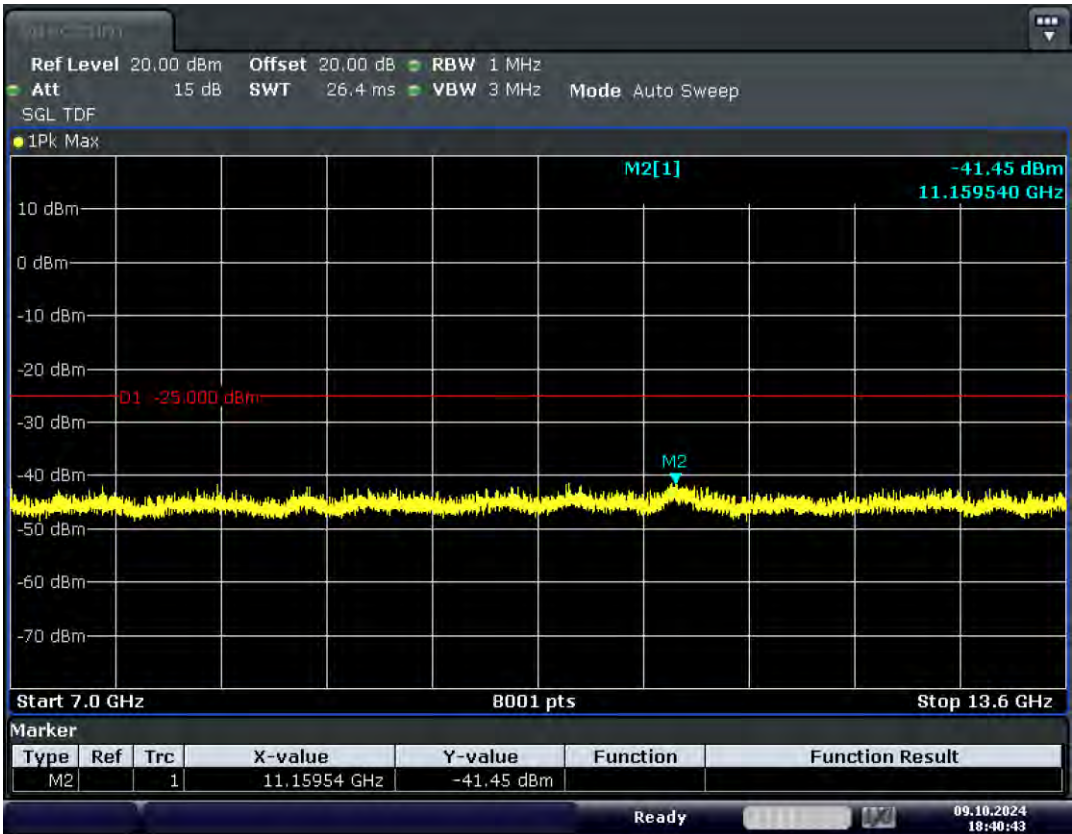
OB38-15-2595-Q16-27#LOW@30mHz-1GHz@Pass



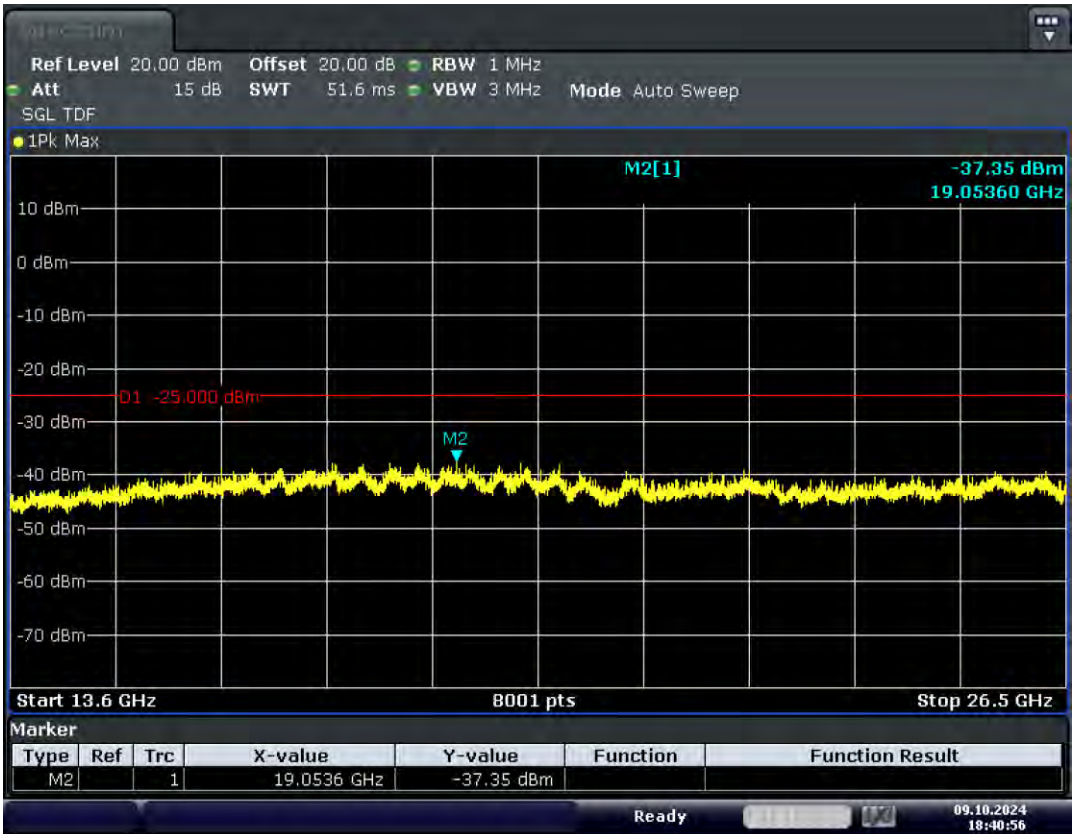
OB38-15-2595-Q16-27#LOW@1GHz-7GHz@Pass



OB38-15-2595-Q16-27#LOW@7GHz-13.6GHz@Pass

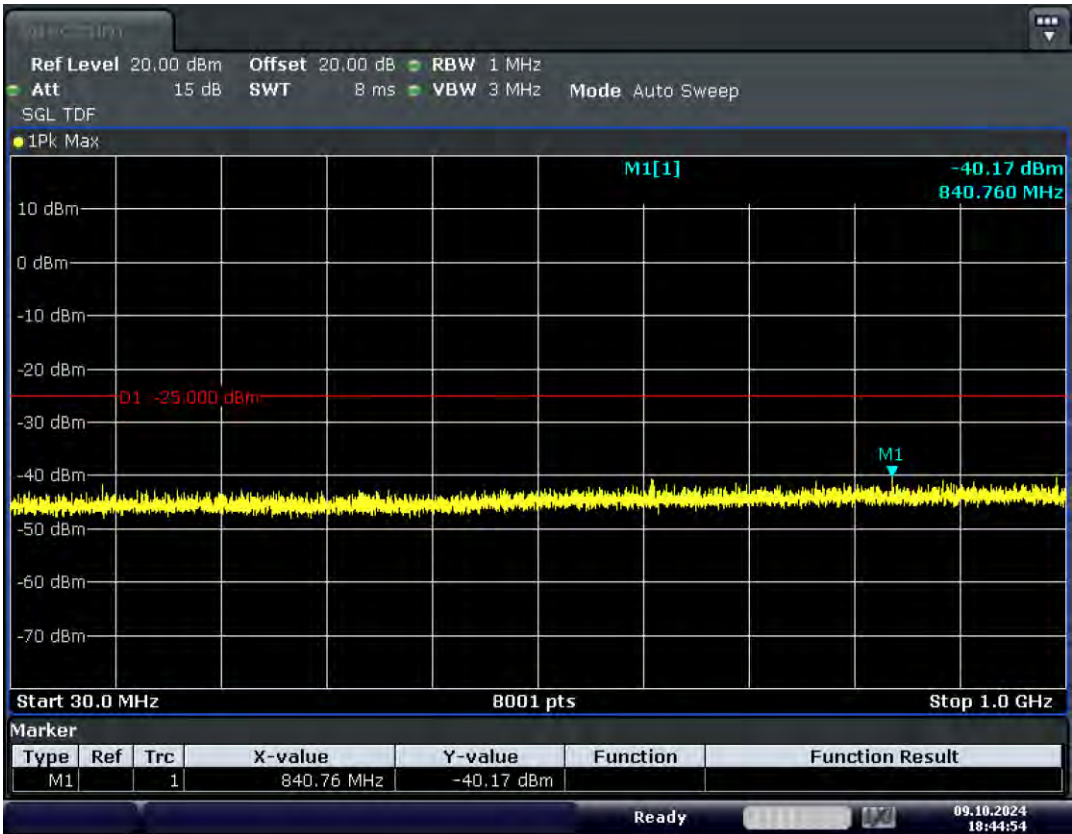


OB38-15-2595-Q16-27#LOW@13.6GHz-26.5GHz@Pass





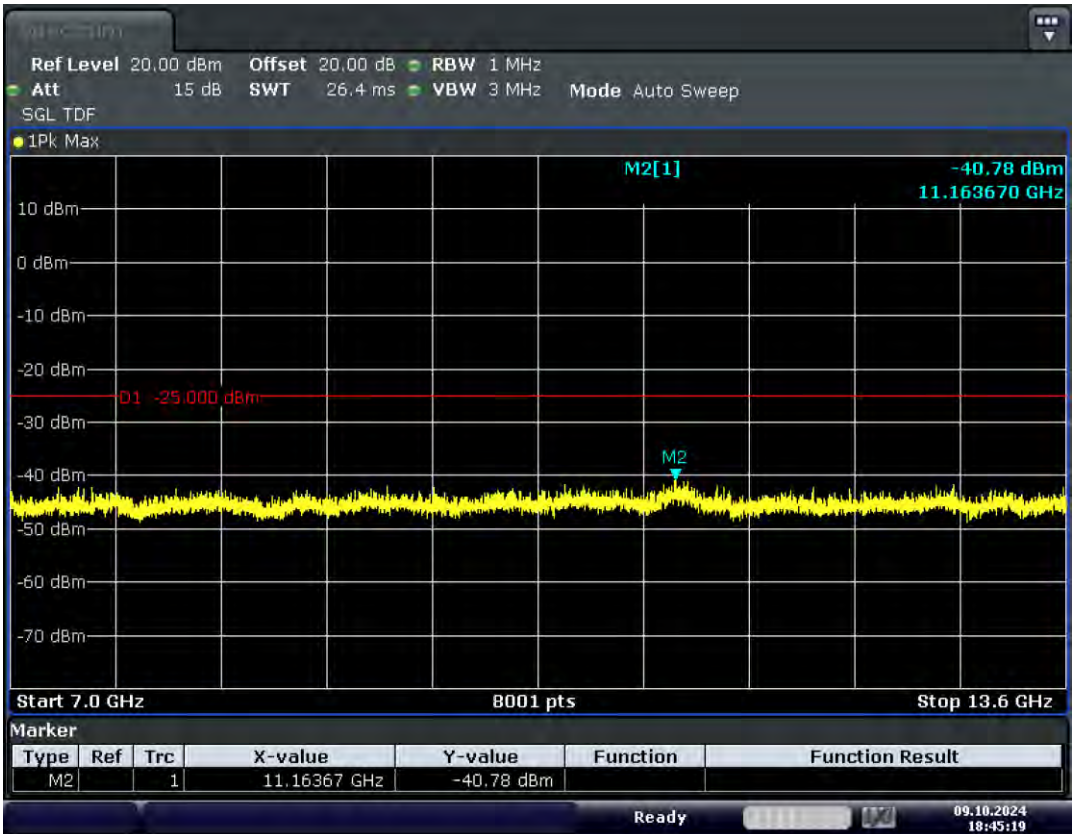
OB38-15-2612.5-QPSK-75#LOW@30mHz-1GHz@Pass



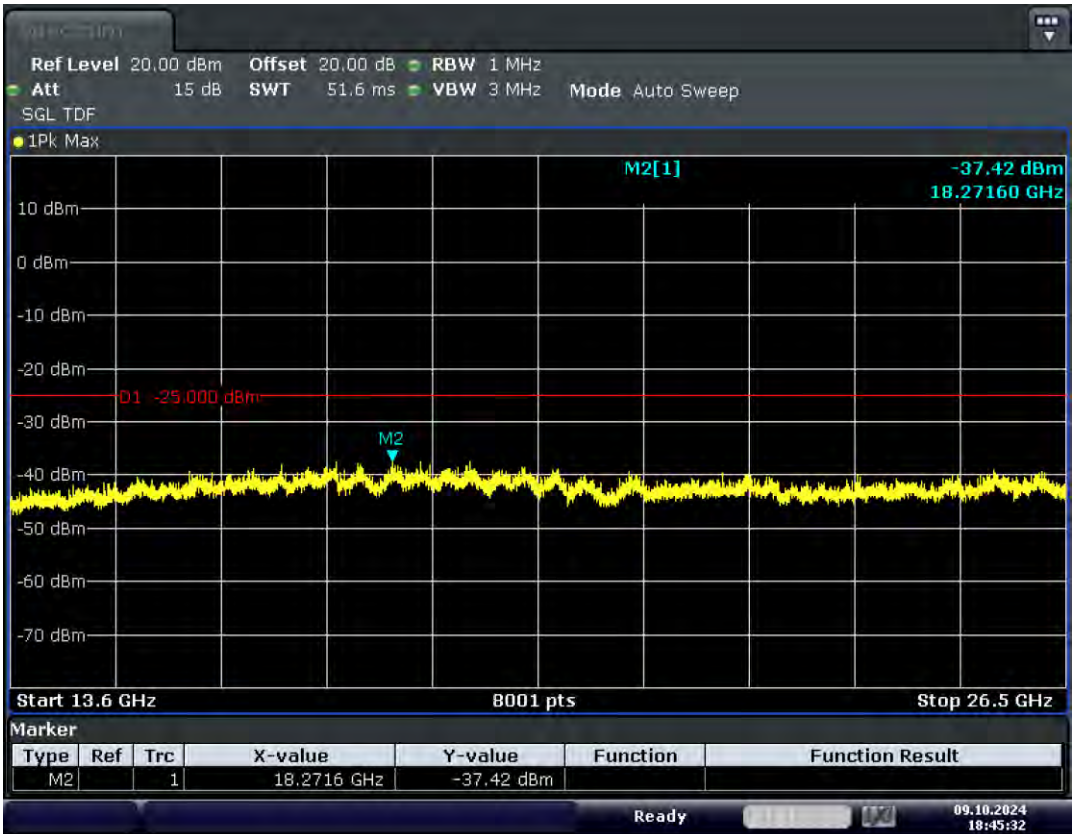
OB38-15-2612.5-QPSK-75#LOW@1GHz-7GHz@Pass



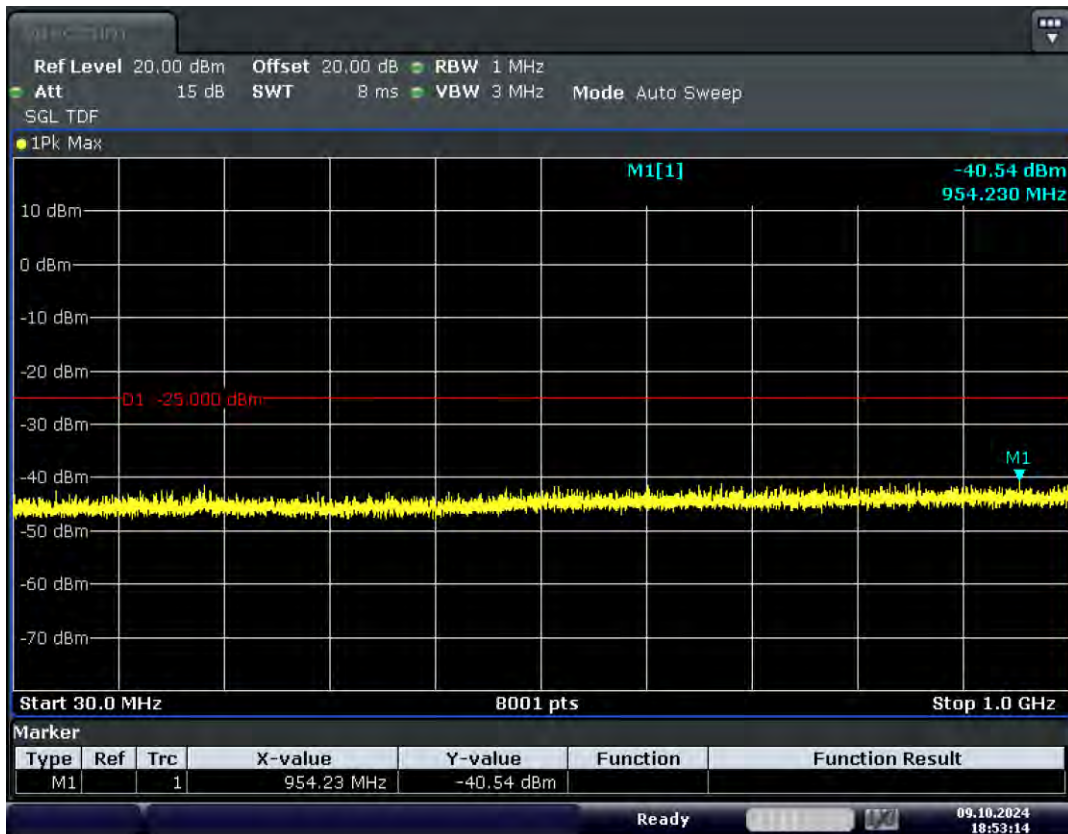
OB38-15-2612.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



OB38-15-2612.5-QPSK-75#LOW@13.6GHz-26.5GHz@Pass



## OB38-15-2612.5-Q16-27#LOW@30mHz-1GHz@Pass

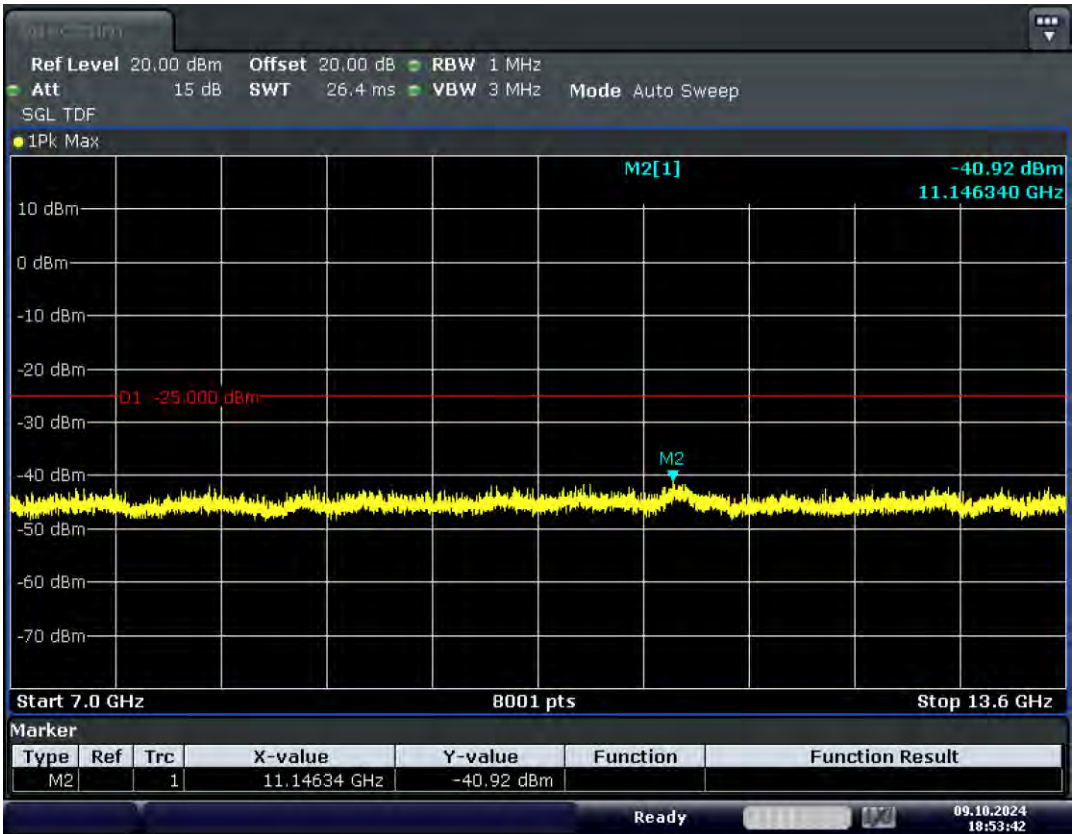


## OB38-15-2612.5-Q16-27#LOW@1GHz-7GHz@Pass

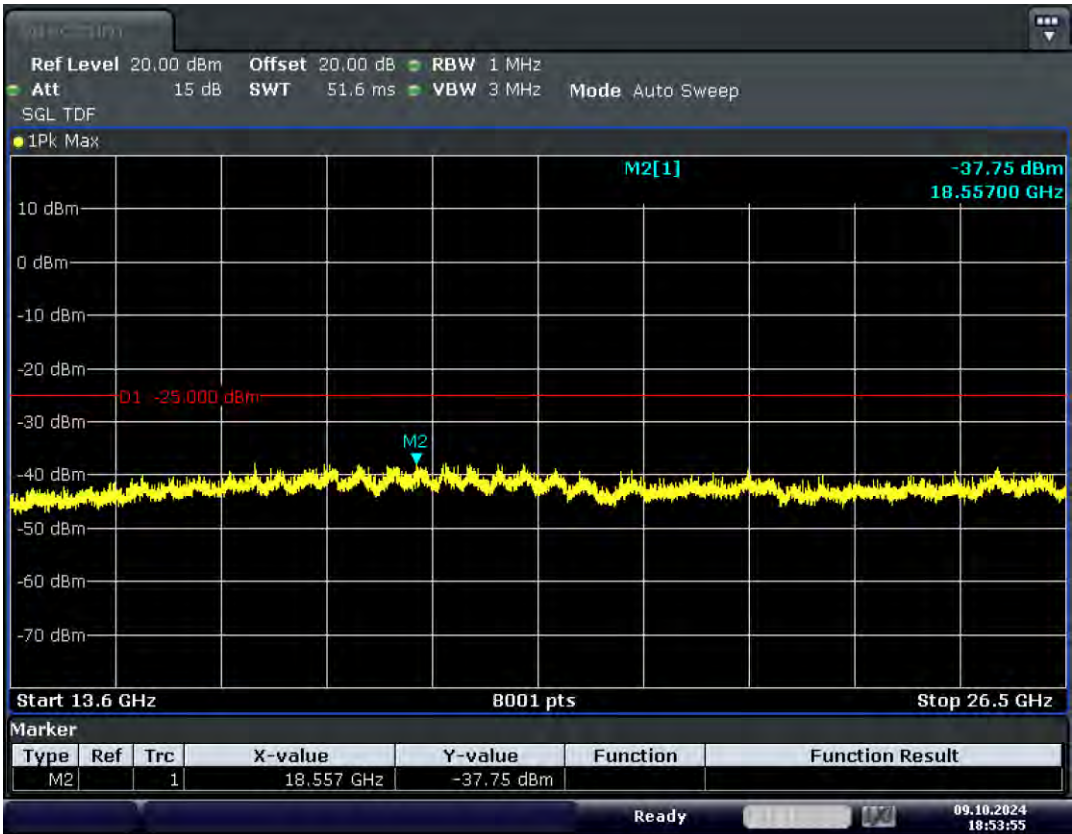




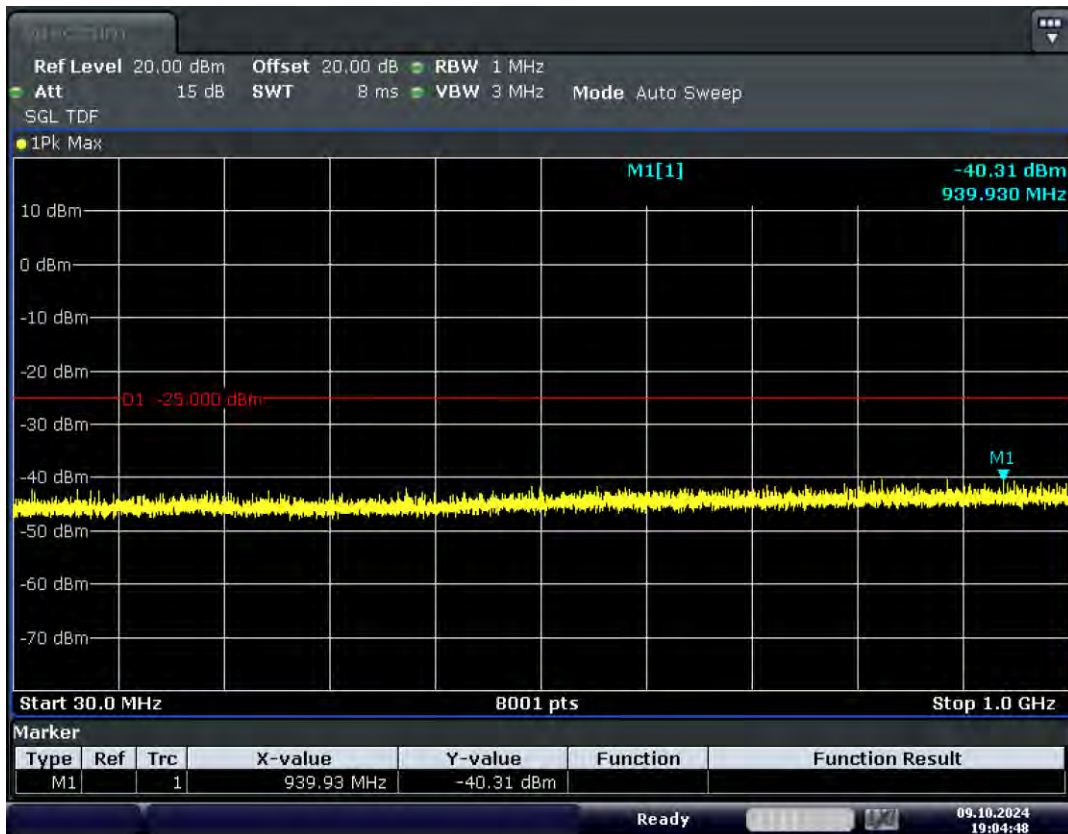
OB38-15-2612.5-Q16-27#LOW@7GHz-13.6GHz@Pass



OB38-15-2612.5-Q16-27#LOW@13.6GHz-26.5GHz@Pass



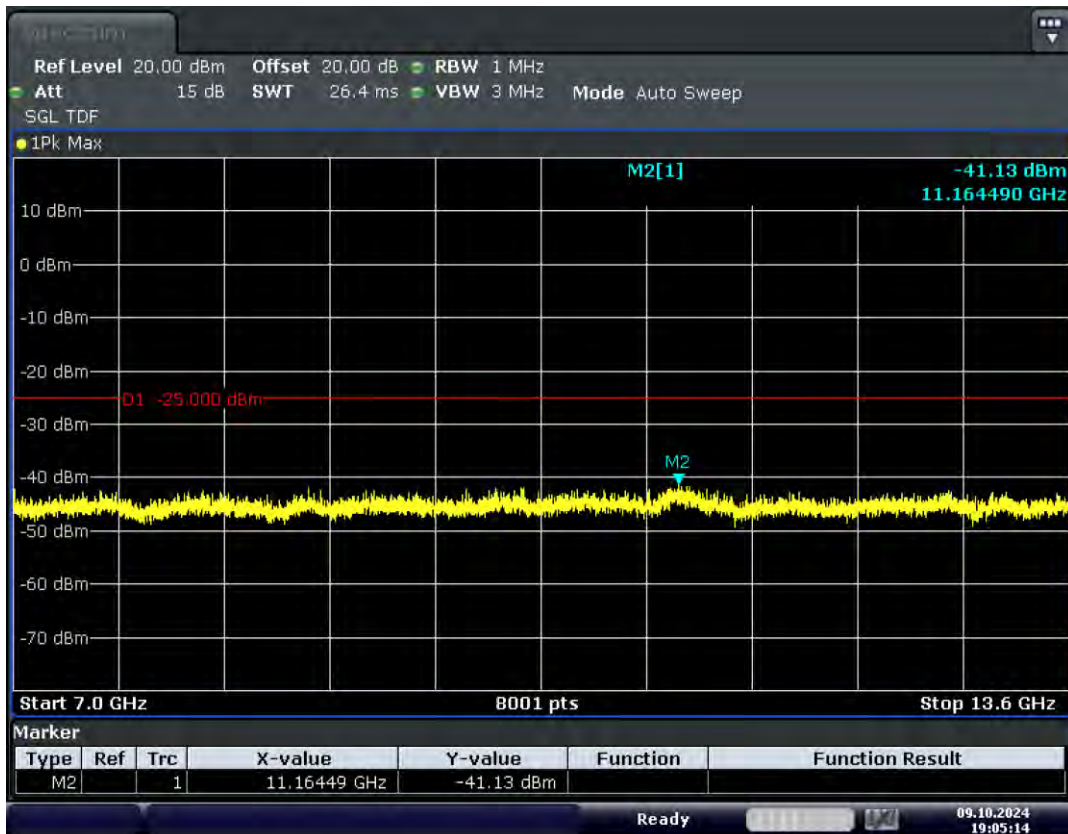
## OB38-20-2580-QPSK-100#LOW@30mHz-1GHz@Pass



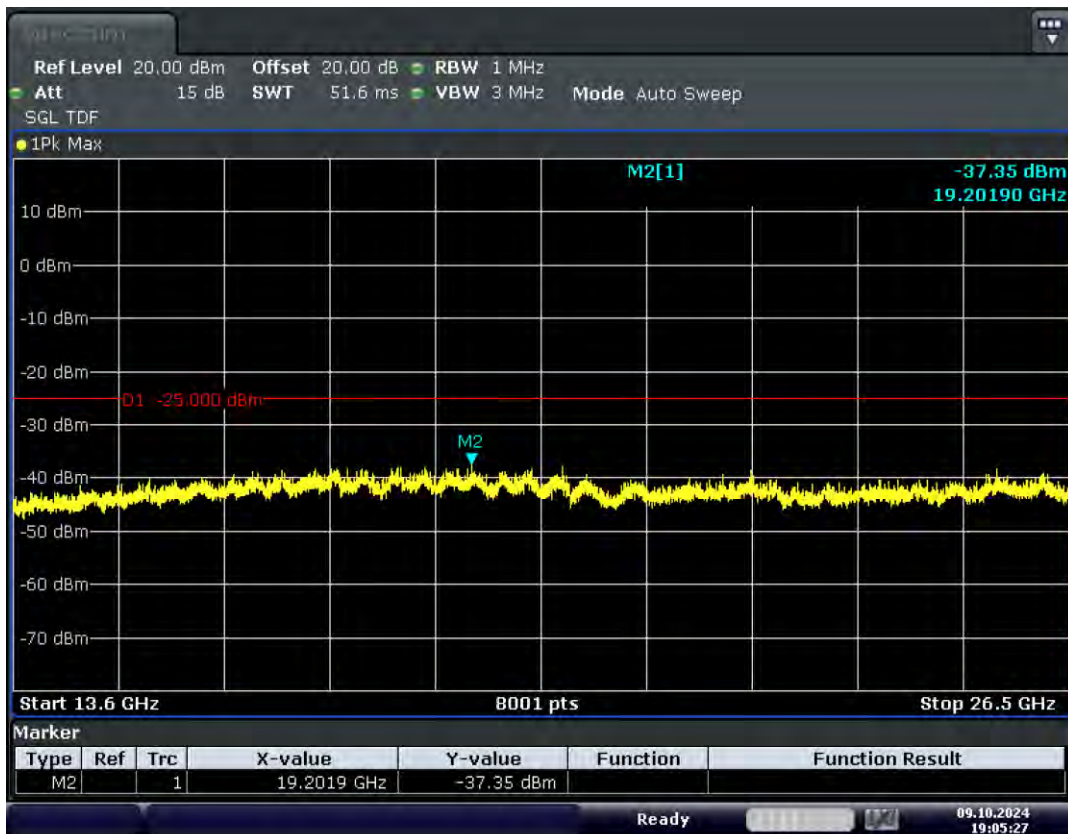
## OB38-20-2580-QPSK-100#LOW@1GHz-7GHz@Pass



## OB38-20-2580-QPSK-100#LOW@7GHz-13.6GHz@Pass

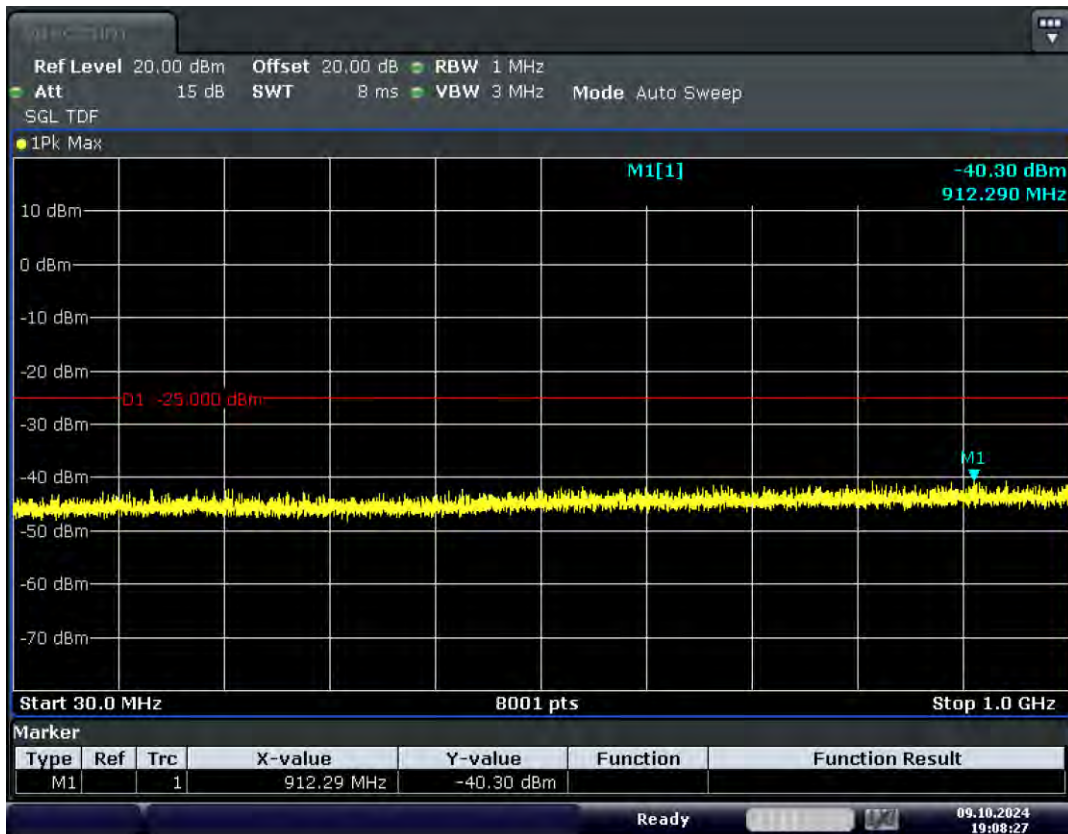


## OB38-20-2580-QPSK-100#LOW@13.6GHz-26.5GHz@Pass

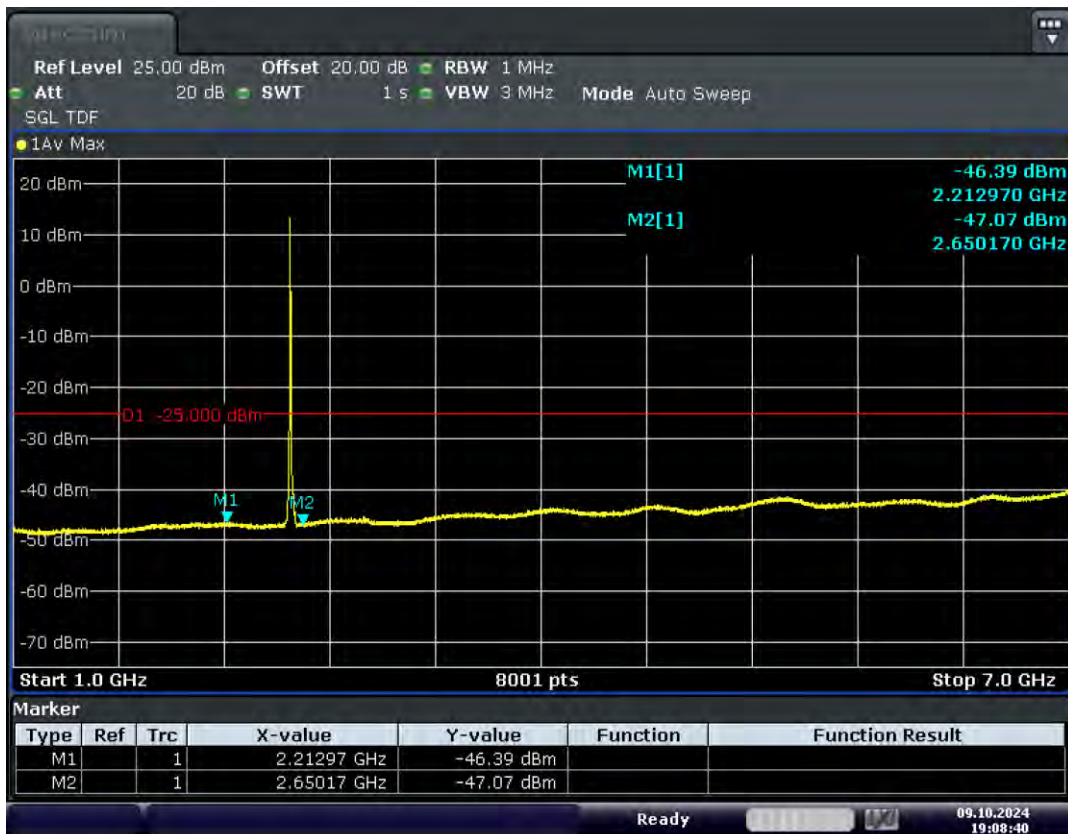




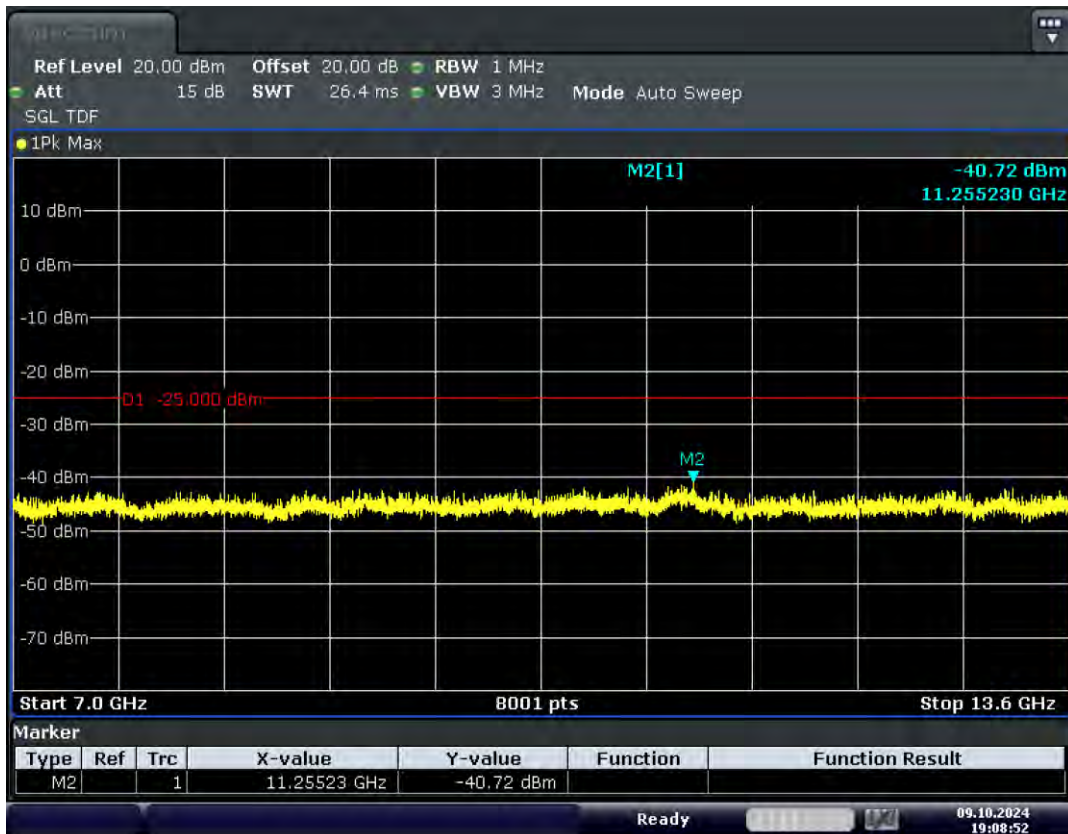
## OB38-20-2580-Q16-27#LOW@30mHz-1GHz@Pass



## OB38-20-2580-Q16-27#LOW@1GHz-7GHz@Pass



## OB38-20-2580-Q16-27#LOW@7GHz-13.6GHz@Pass



## OB38-20-2580-Q16-27#LOW@13.6GHz-26.5GHz@Pass

