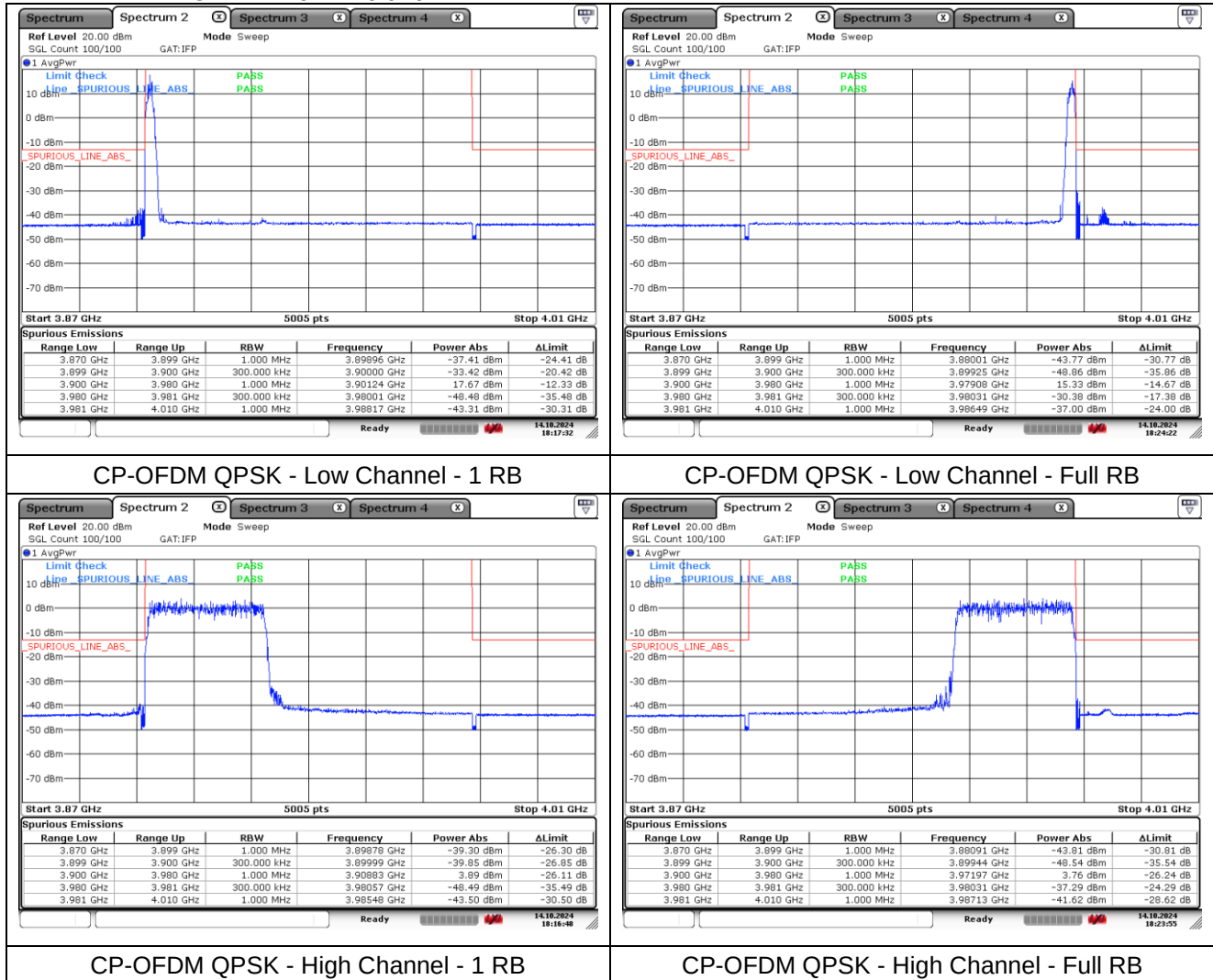
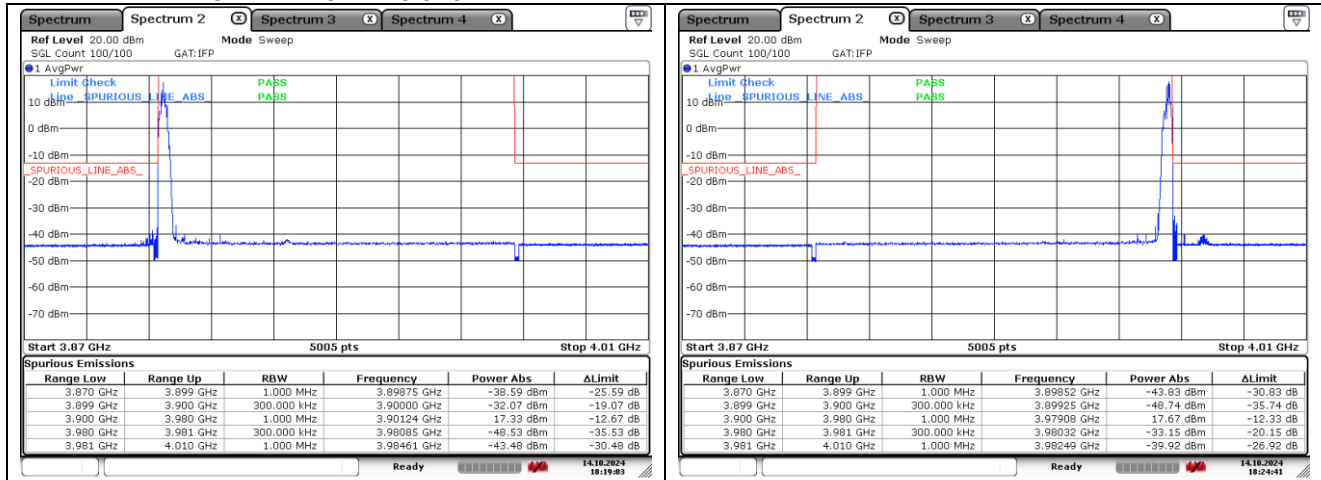


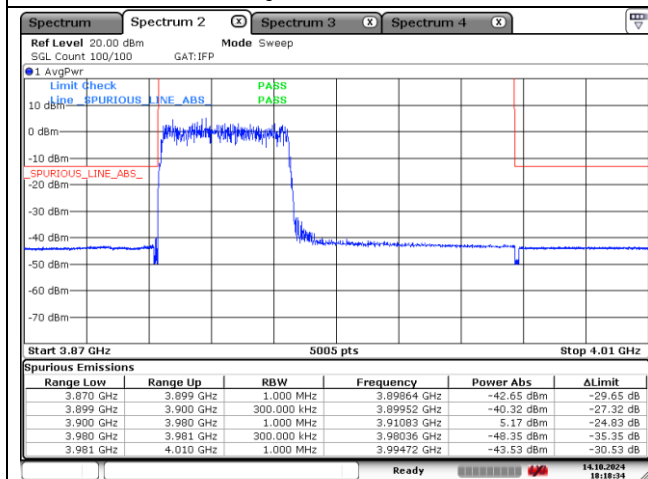
## NR band 77\_High Band (30 MHz) (IC)



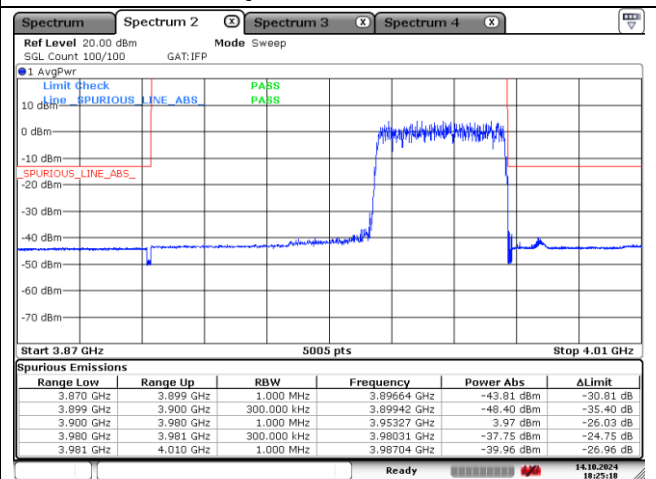
## NR band 77\_High Band (30 MHz) (IC)



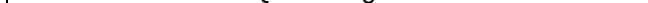
## CP-OFDM 16QAM - Low Channel - 1 RB



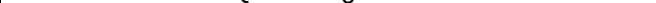
## CP-OFDM 16QAM - Low Channel - Full RB



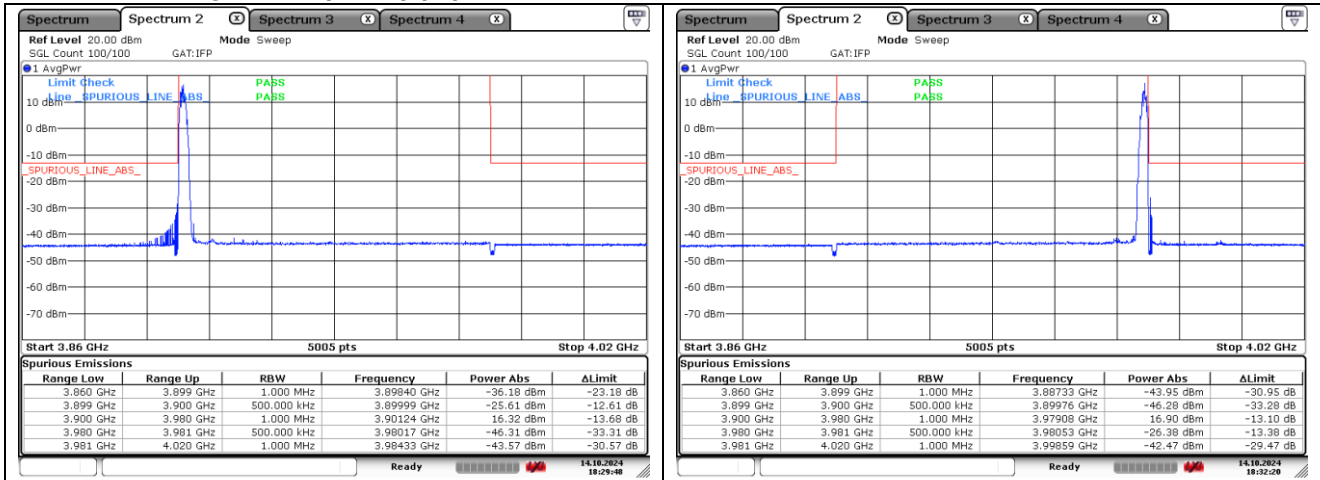
## CP-OFDM 16QAM - High Channel - 1 RB



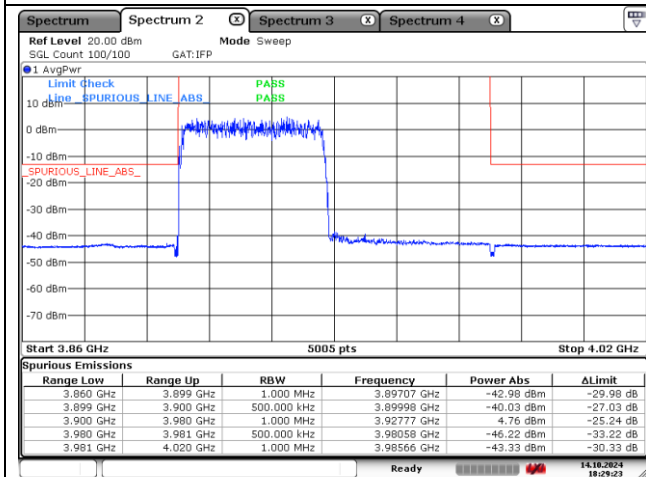
## CP-OFDM 16QAM - High Channel - Full RB



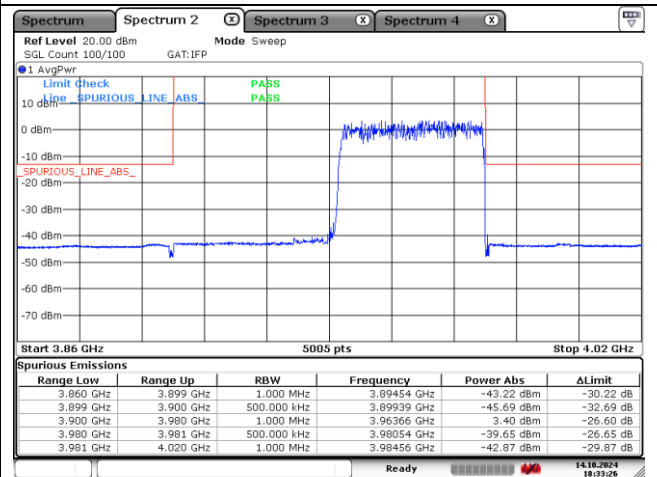
## NR band 77\_High Band (40 MHz) (IC)



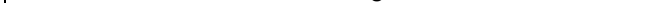
## DFT-S-OFDM BPSK - Low Channel - 1 RB



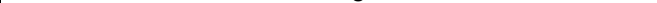
## DFT-S-OFDM BPSK - Low Channel - Full RB



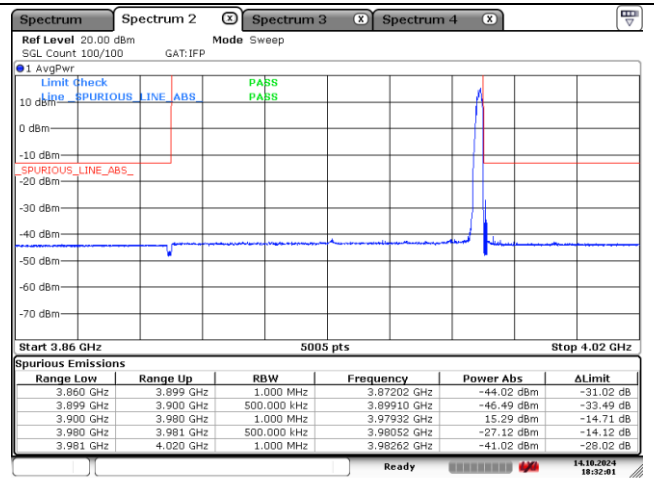
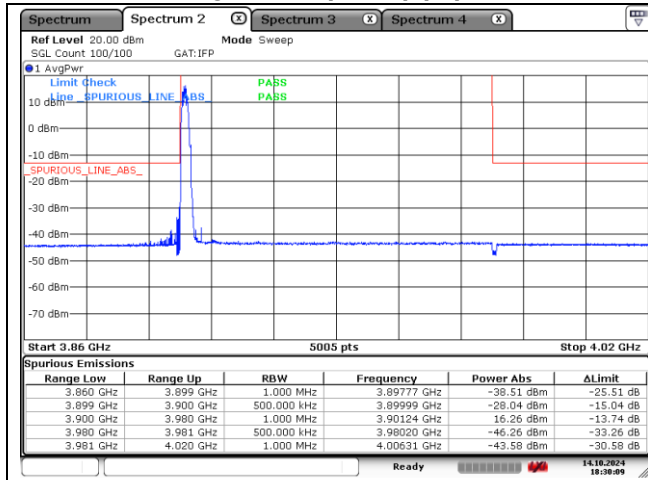
## DFT-S-OFDM BPSK - High Channel - 1 RB



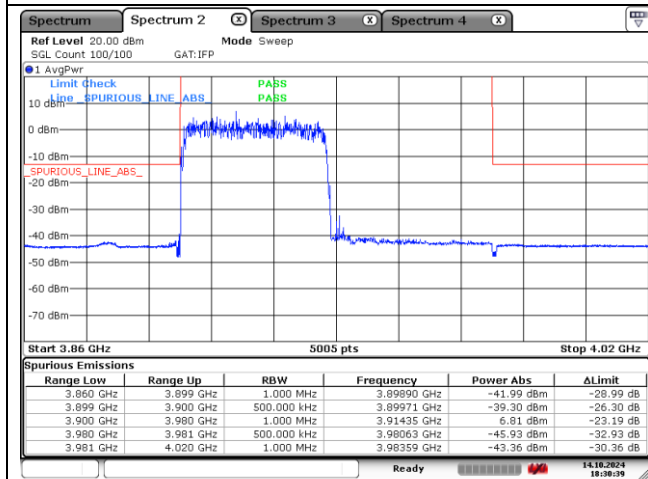
## DFT-S-OFDM BPSK - High Channel - Full RB



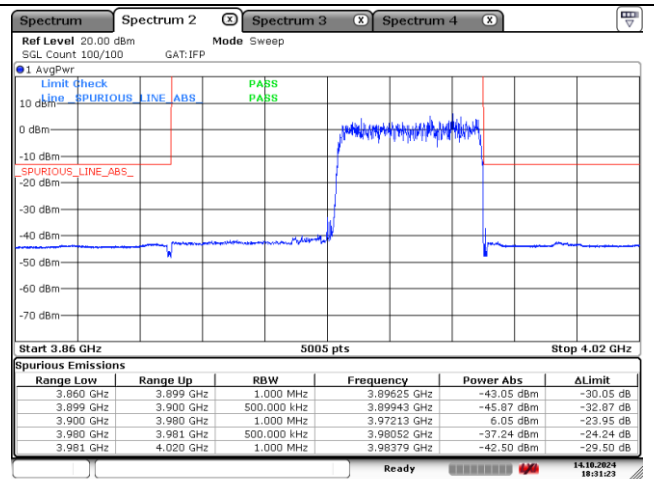
## NR band 77\_High Band (40 MHz) (IC)



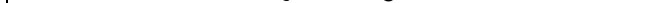
## DFT-S-OFDM 16QAM - Low Channel - 1 RB



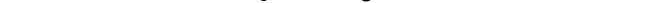
## DFT-S-OFDM 16QAM - Low Channel - Full RB



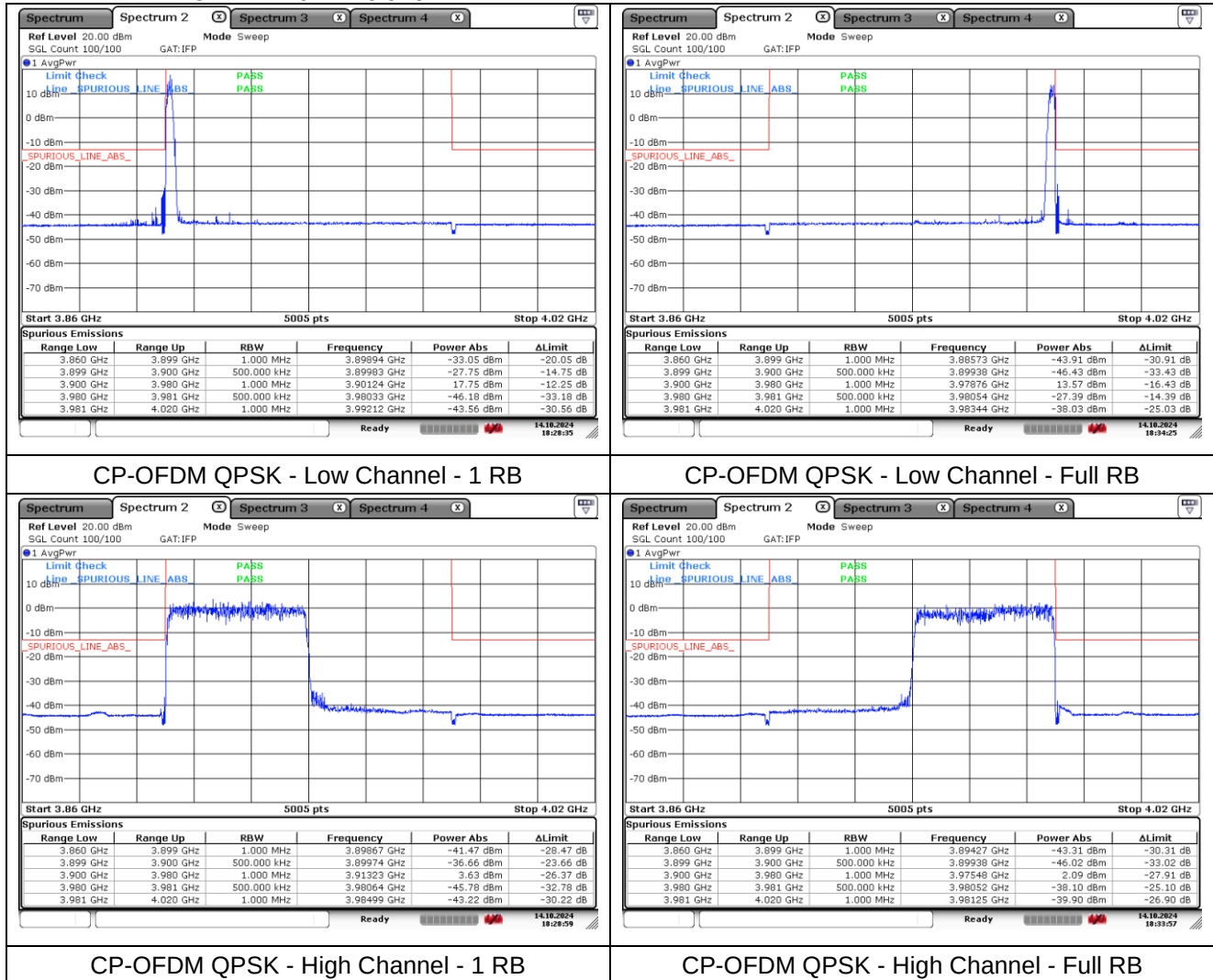
## DFT-S-OFDM 16QAM - High Channel - 1 RB



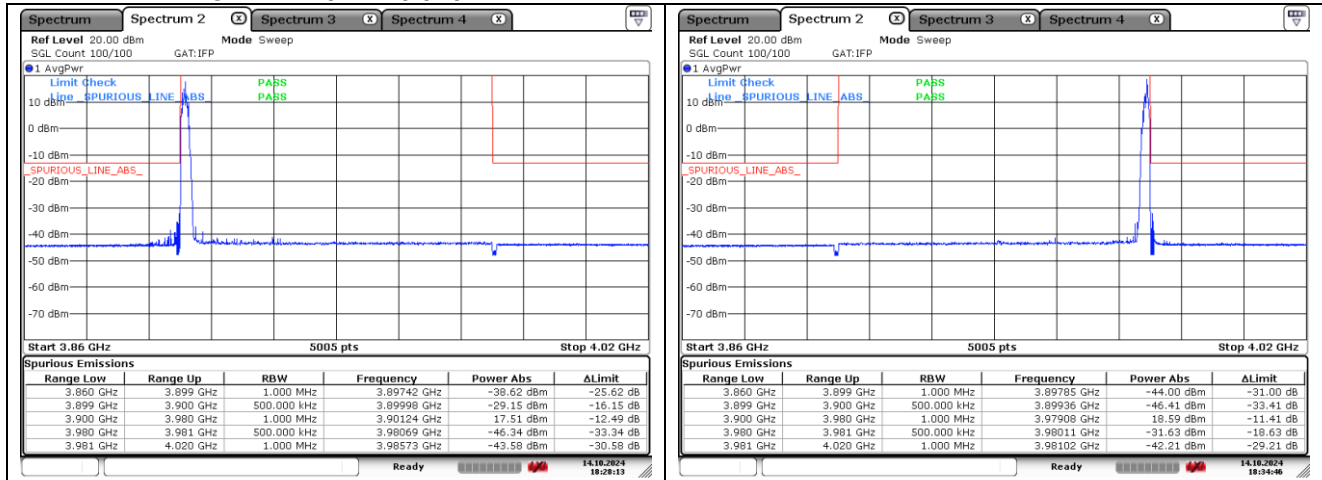
## DFT-S-OFDM 16QAM - High Channel - Full RB



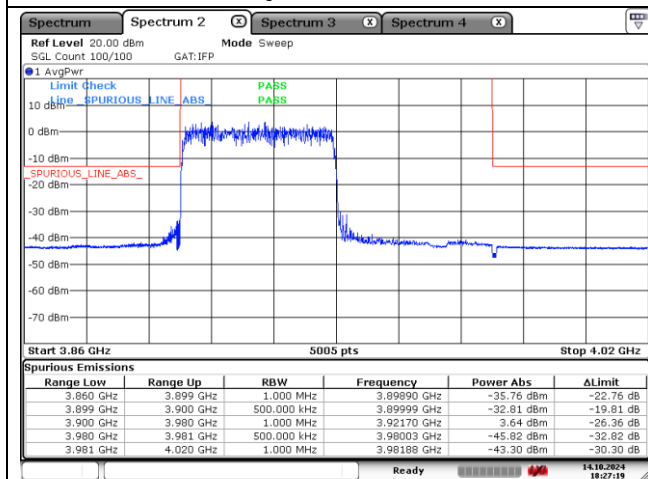
## NR band 77\_High Band (40 MHz) (IC)



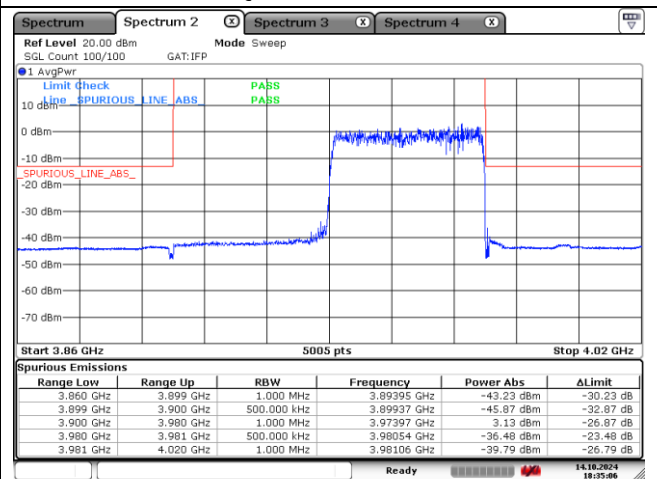
## NR band 77\_High Band (40 MHz) (IC)



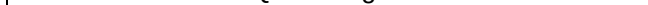
## CP-OFDM 16QAM - Low Channel - 1 RB



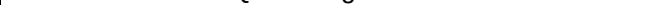
## CP-OFDM 16QAM - Low Channel - Full RB



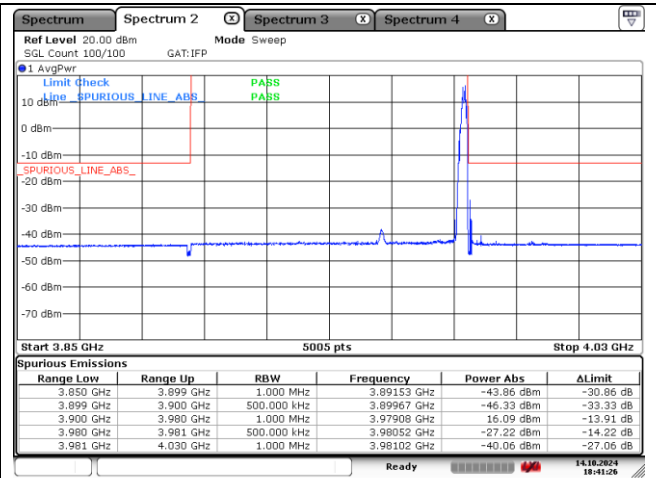
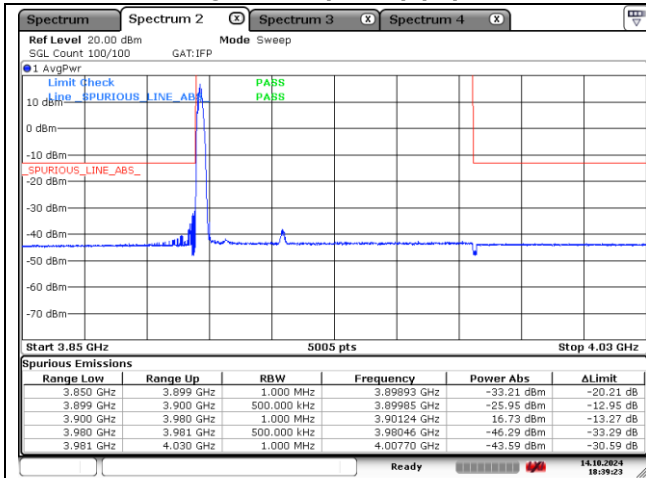
## CP-OFDM 16QAM - High Channel - 1 RB



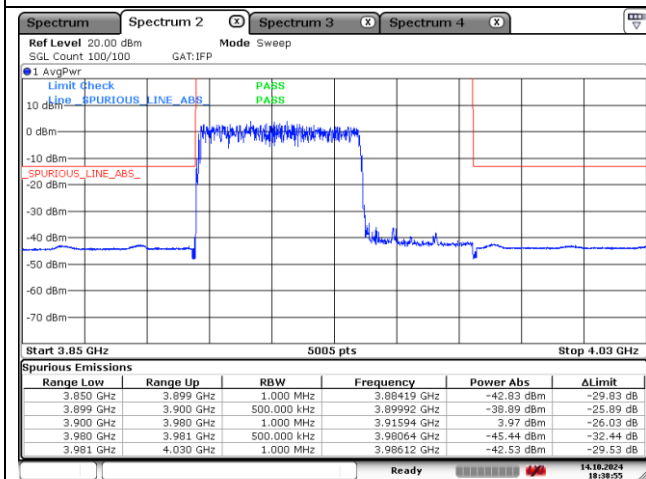
## CP-OFDM 16QAM - High Channel - Full RB



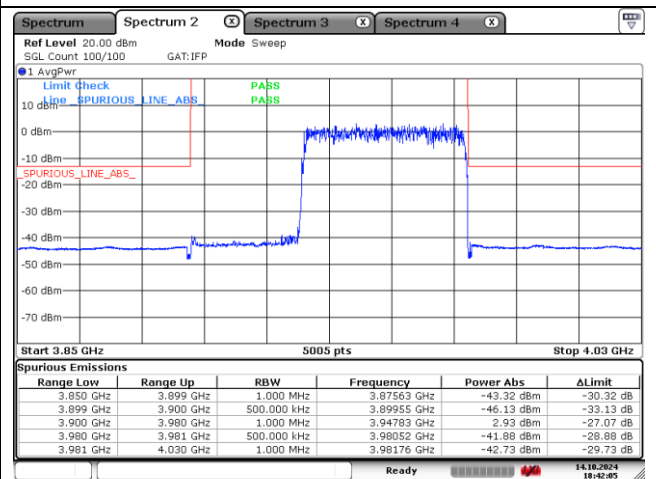
**NR band 77\_High Band (50 MHz) (IC)**



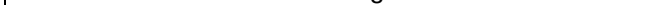
**DFT-S-OFDM BPSK - Low Channel - 1 RB**



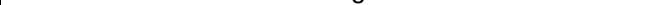
**DFT-S-OFDM BPSK - Low Channel - Full RB**



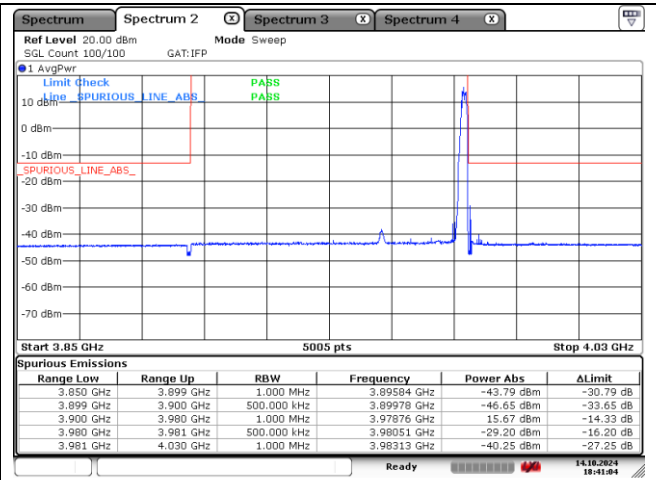
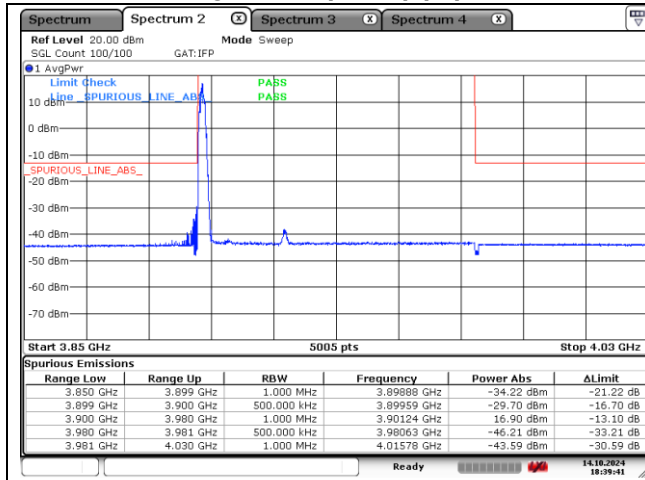
**DFT-S-OFDM BPSK - High Channel - 1 RB**



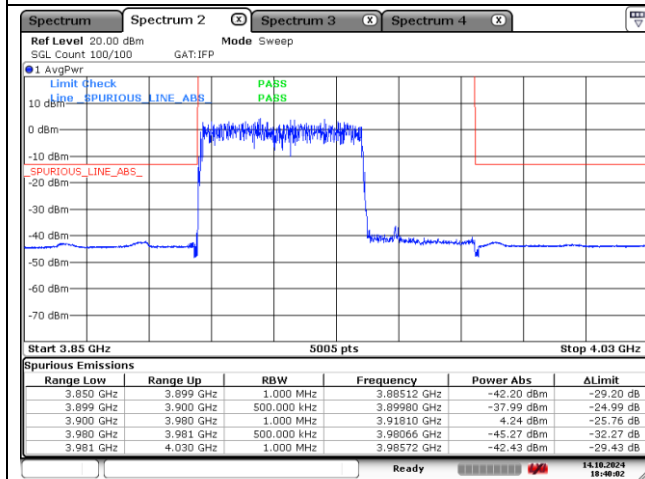
**DFT-S-OFDM BPSK - High Channel - Full RB**



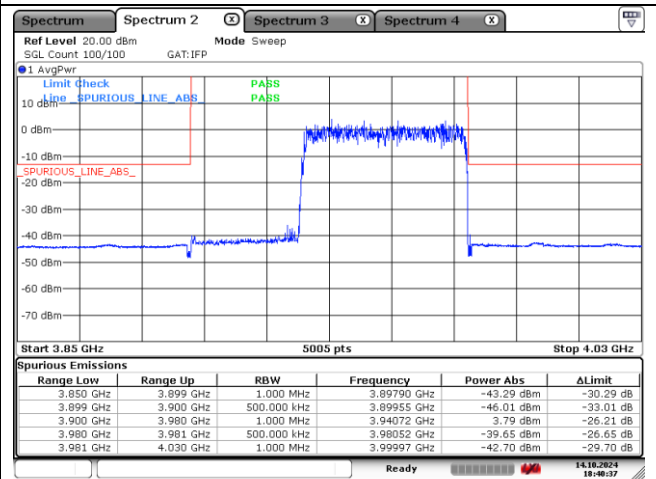
### NR band 77\_High Band (50 MHz) (IC)



### DFT-S-OFDM 16QAM - Low Channel - 1 RB



### DFT-S-OFDM 16QAM - Low Channel - Full RB



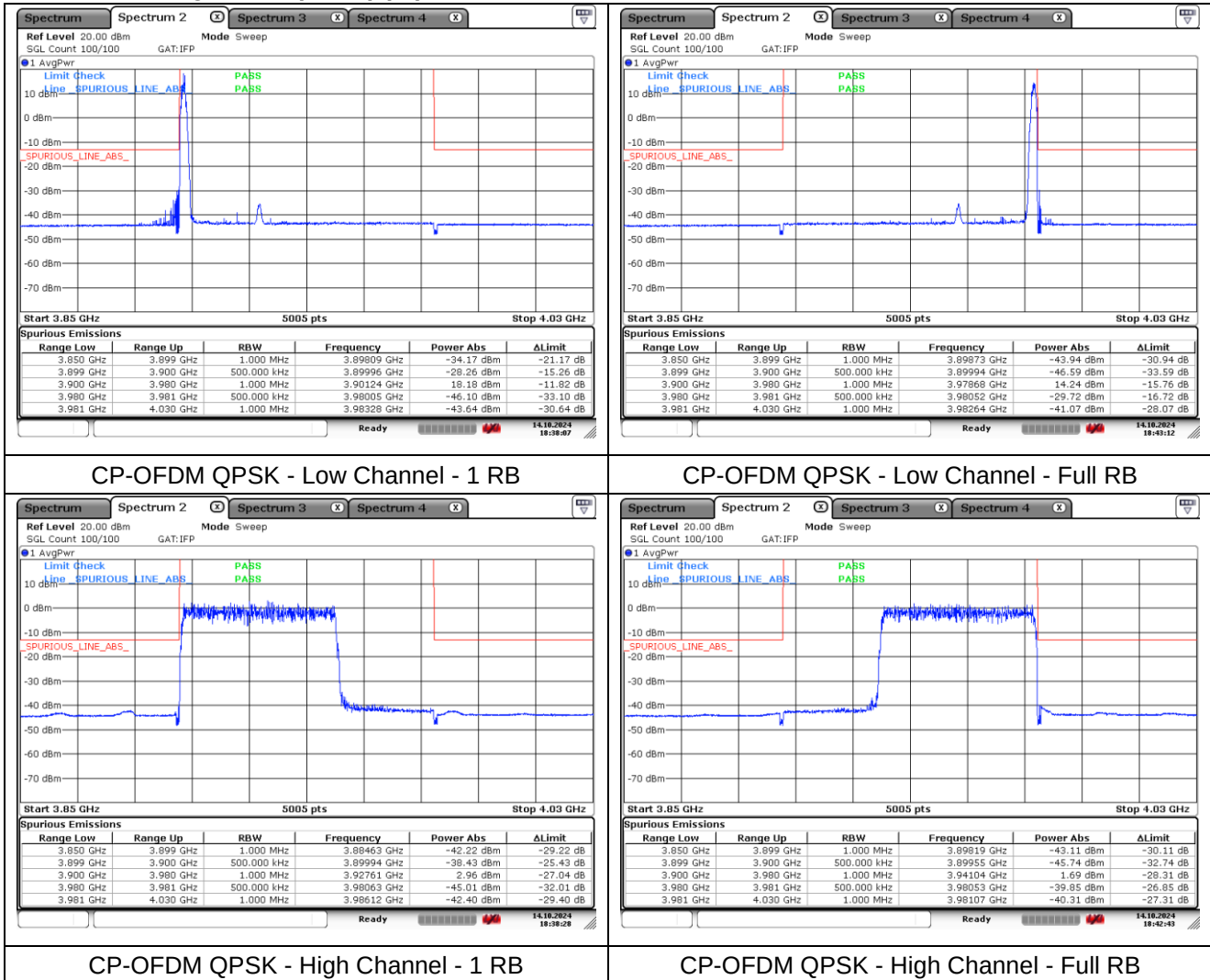
### DFT-S-OFDM 16QAM - High Channel - 1 RB



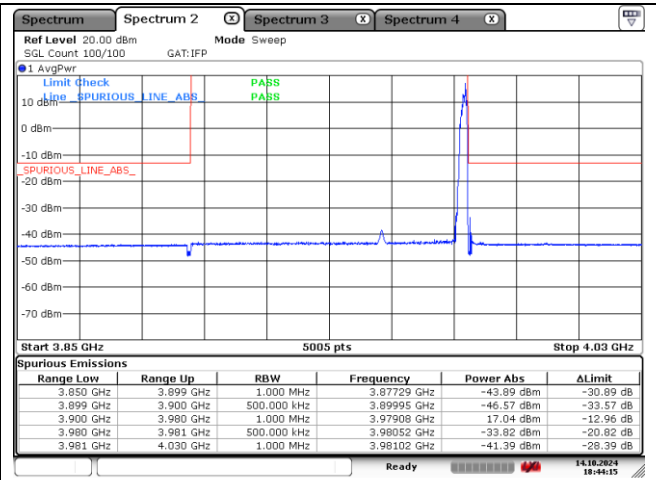
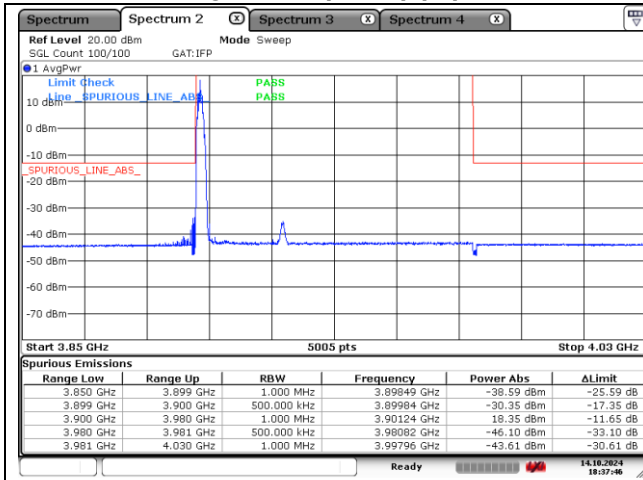
### DFT-S-OFDM 16QAM - High Channel - Full RB



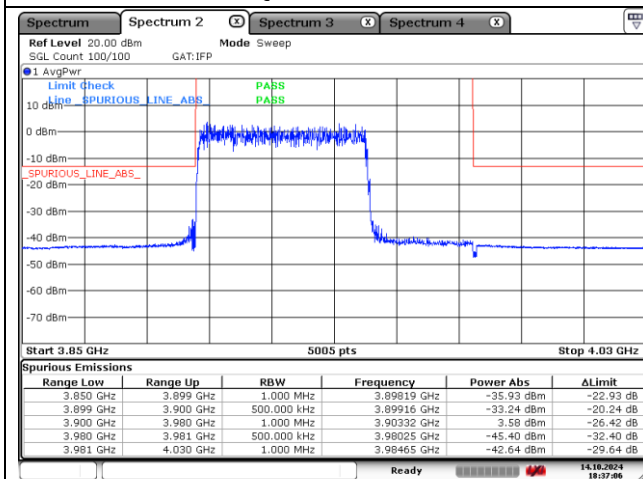
## NR band 77\_High Band (50 MHz) (IC)



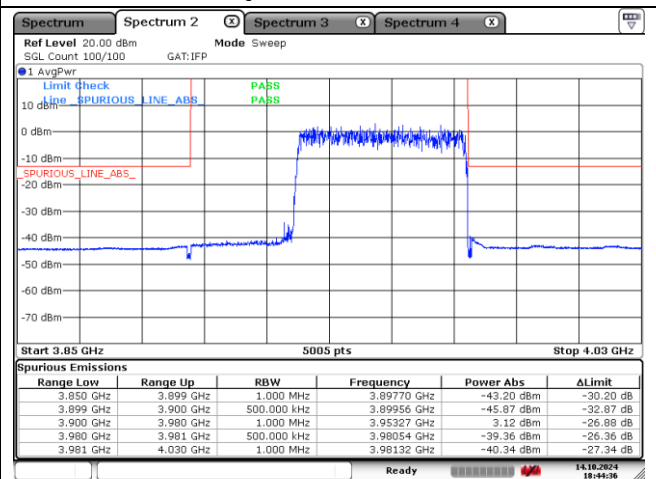
## NR band 77\_High Band (50 MHz) (IC)



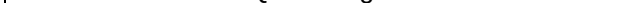
## CP-OFDM 16QAM - Low Channel - 1 RB



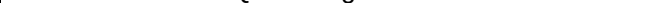
## CP-OFDM 16QAM - Low Channel - Full RB



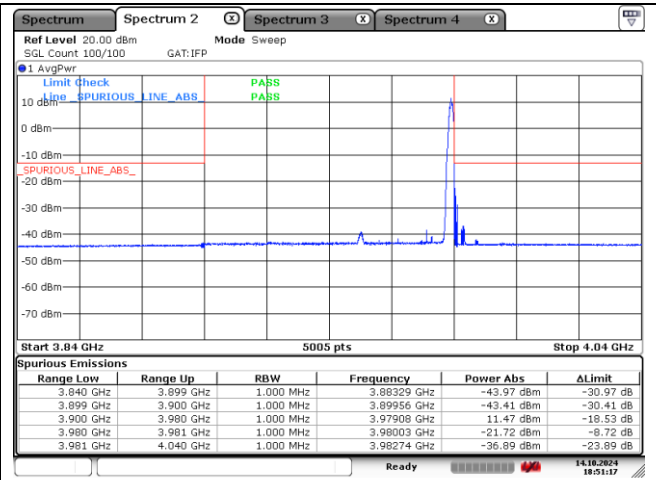
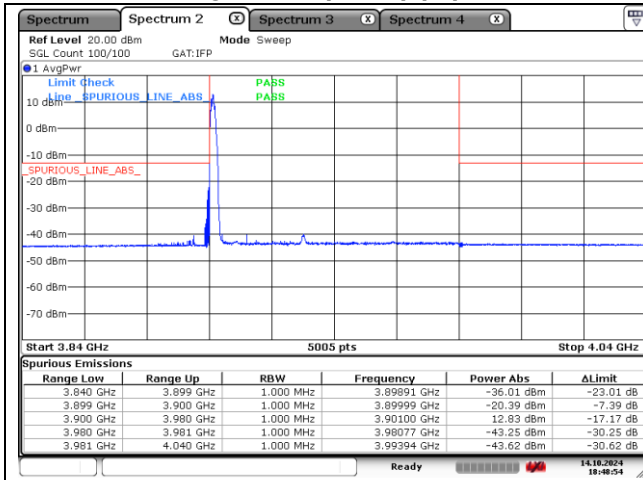
## CP-OFDM 16QAM - High Channel - 1 RB



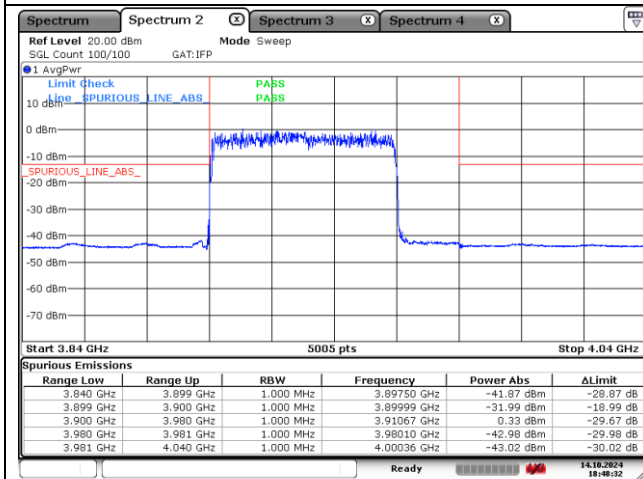
## CP-OFDM 16QAM - High Channel - Full RB



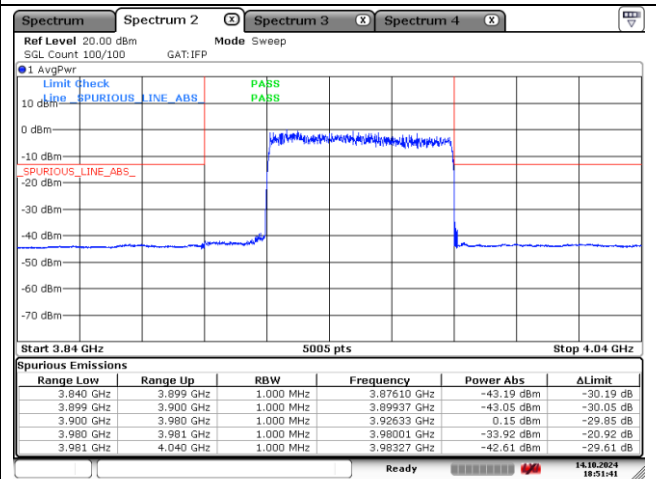
## NR band 77\_High Band (60 MHz) (IC)



## DFT-S-OFDM BPSK - Low Channel - 1 RB



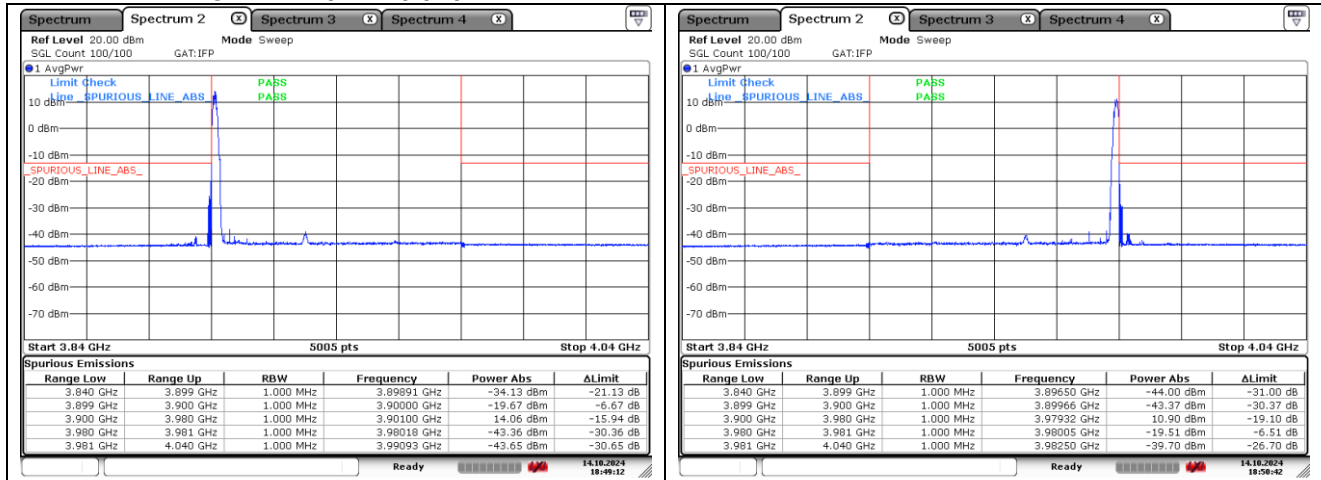
## DFT-S-OFDM BPSK - Low Channel - Full RB



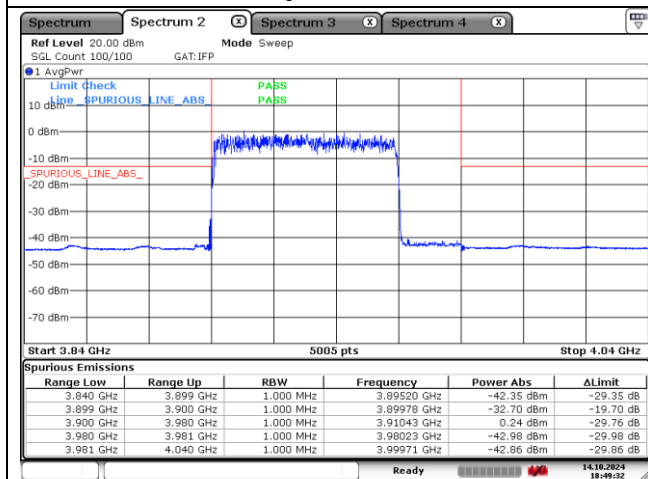
## DFT-S-OFDM BPSK - High Channel - 1 RB

## DFT-S-OFDM BPSK - High Channel - Full RB

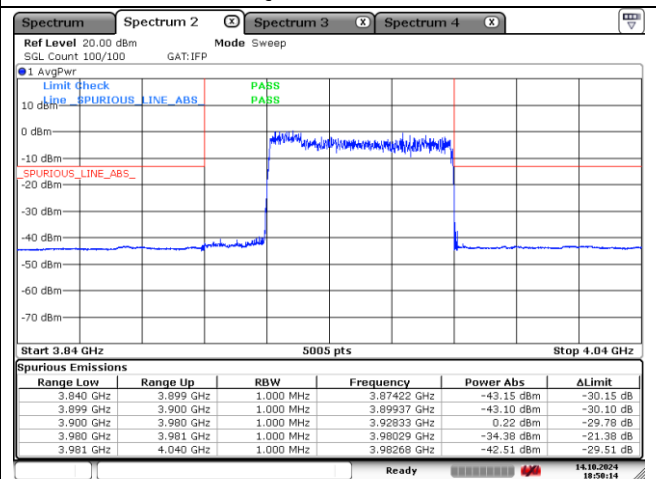
**NR band 77\_High Band (60 MHz) (IC)**



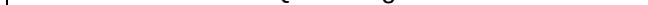
**DFT-S-OFDM 16QAM - Low Channel - 1 RB**



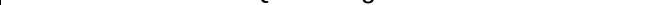
**DFT-S-OFDM 16QAM - Low Channel - Full RB**



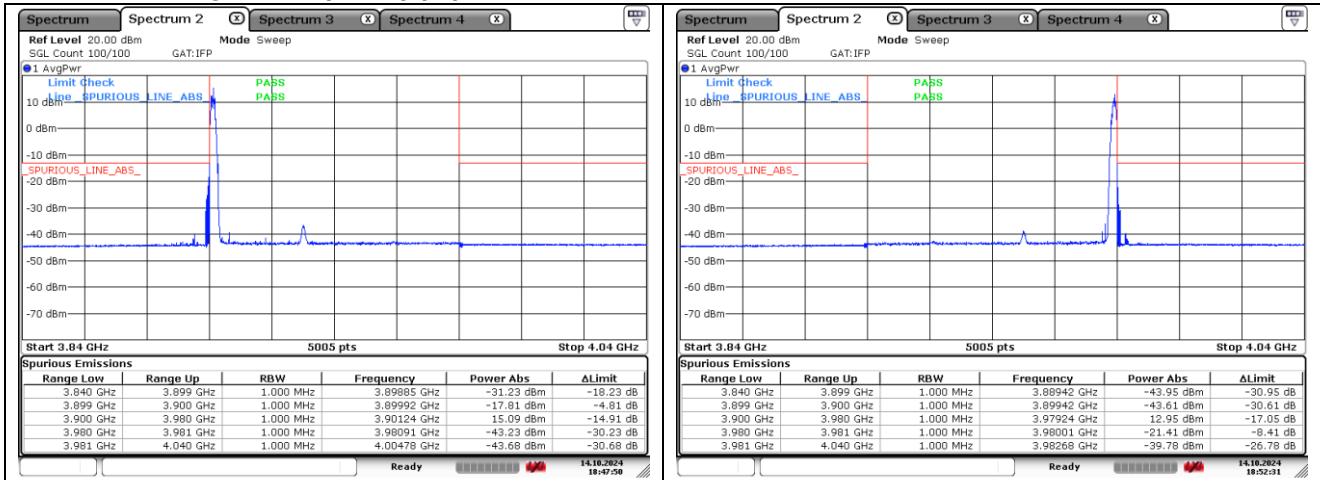
**DFT-S-OFDM 16QAM - High Channel - 1 RB**



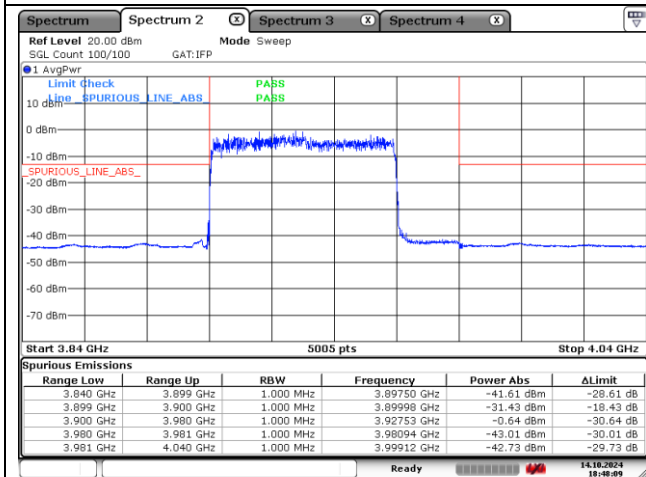
**DFT-S-OFDM 16QAM - High Channel - Full RB**



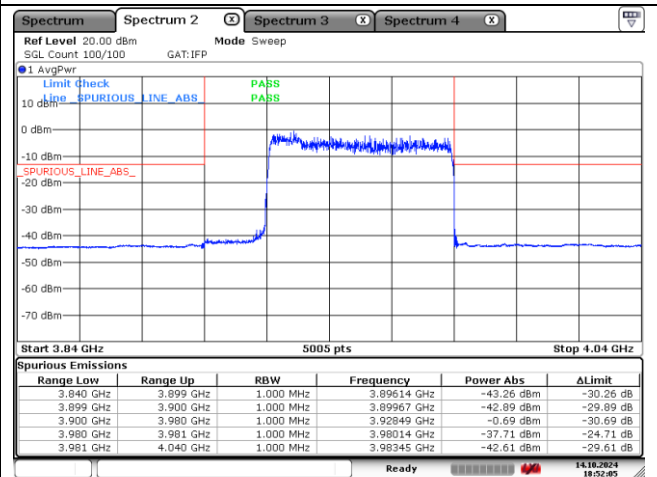
### NR band 77\_High Band (60 MHz) (IC)



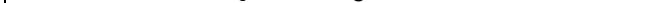
### CP-OFDM QPSK - Low Channel - 1 RB



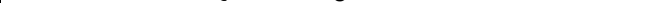
### CP-OFDM QPSK - Low Channel - Full RB



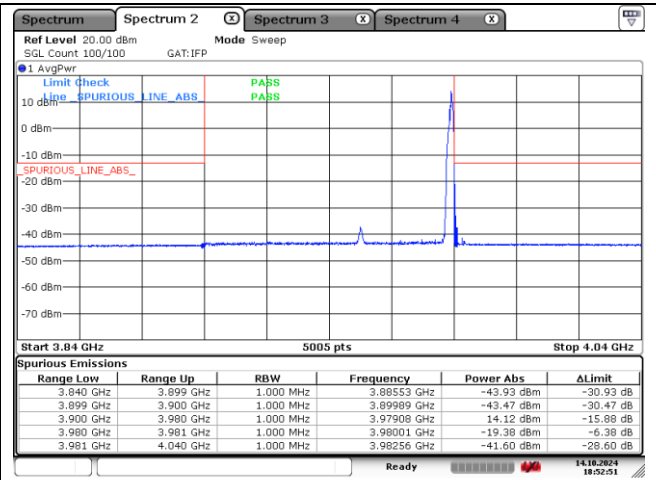
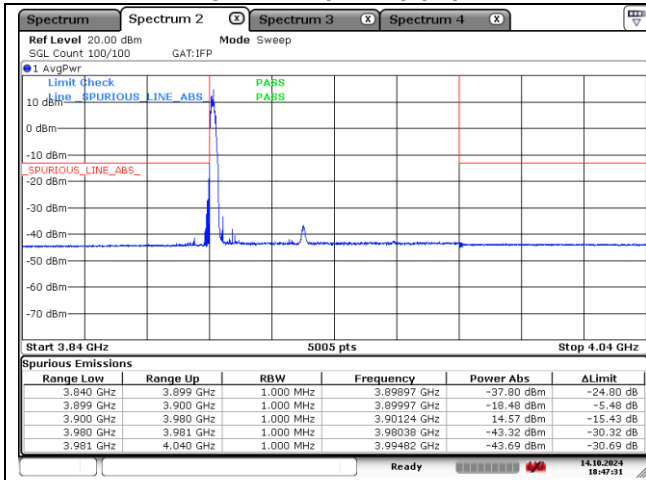
### CP-OFDM QPSK - High Channel - 1 RB



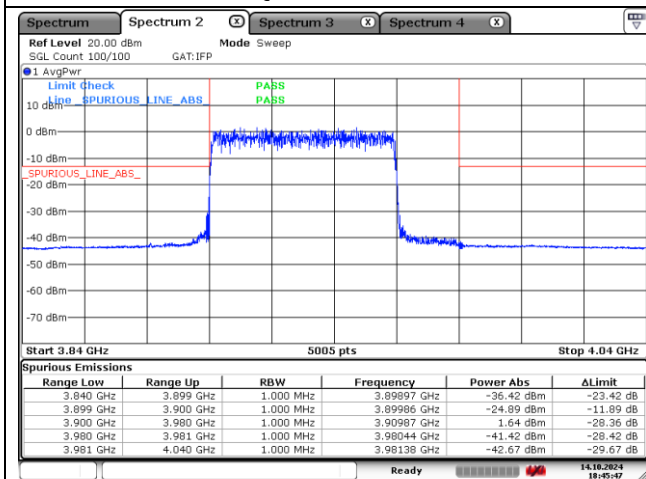
### CP-OFDM QPSK - High Channel - Full RB



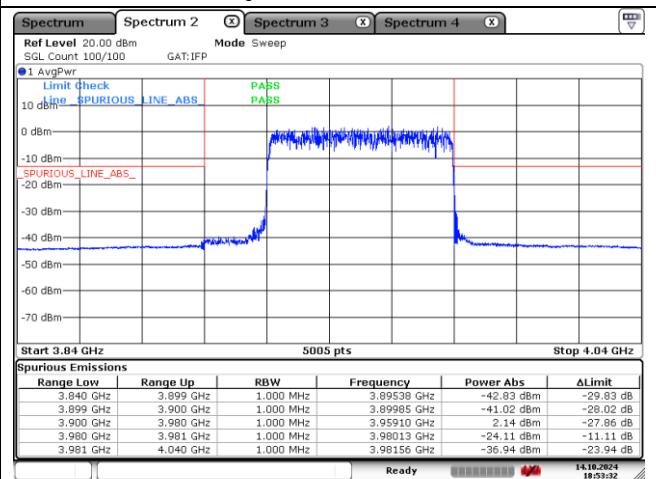
## NR band 77\_High Band (60 MHz) (IC)



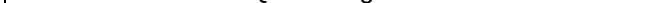
## CP-OFDM 16QAM - Low Channel - 1 RB



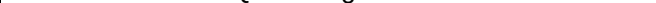
## CP-OFDM 16QAM - Low Channel - Full RB



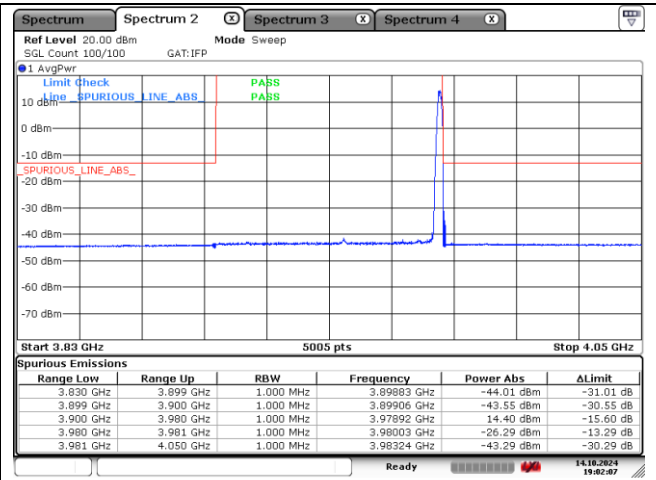
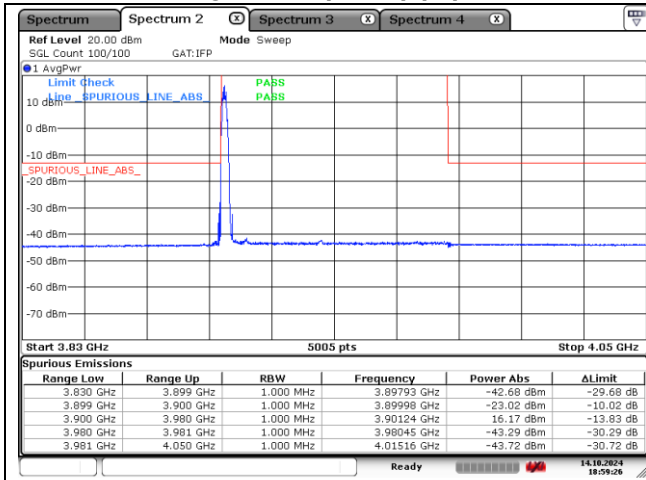
## CP-OFDM 16QAM - High Channel - 1 RB



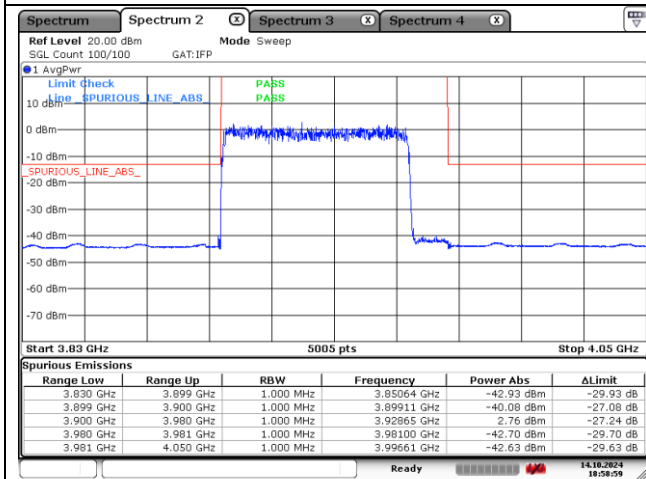
## CP-OFDM 16QAM - High Channel - Full RB



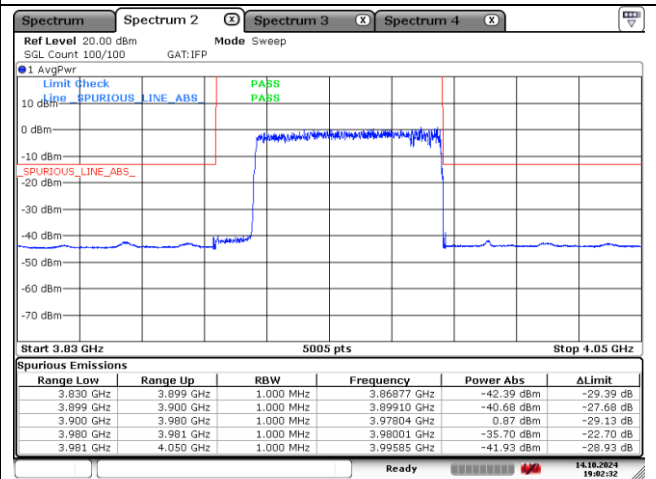
### NR band 77\_High Band (70 MHz) (IC)



### DFT-S-OFDM BPSK - Low Channel - 1 RB



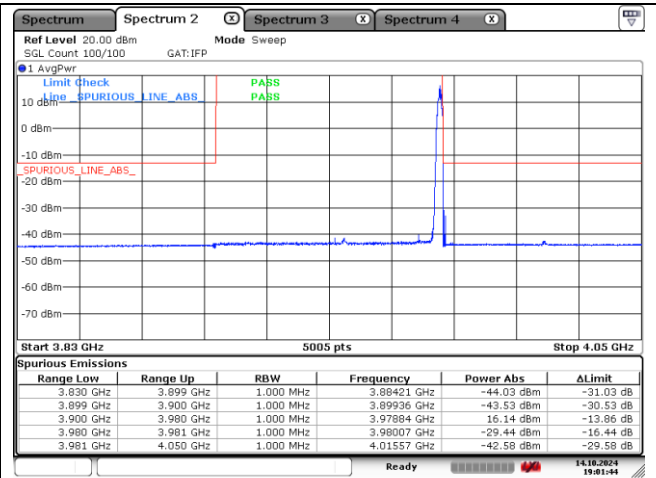
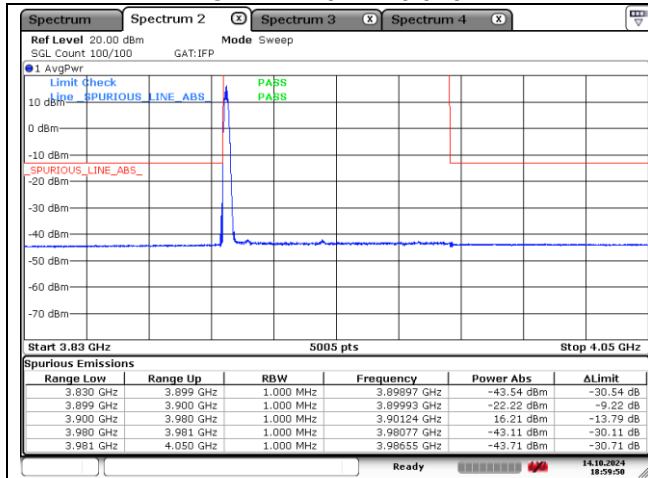
### DFT-S-OFDM BPSK - Low Channel - Full RB



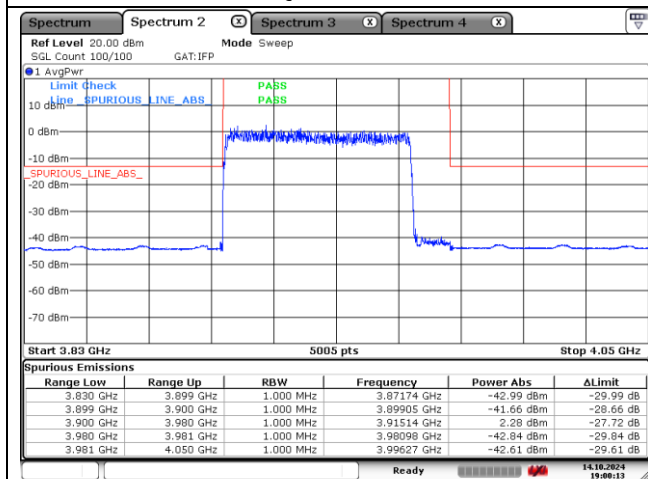
### DFT-S-OFDM BPSK - High Channel - 1 RB

### DFT-S-OFDM BPSK - High Channel - Full RB

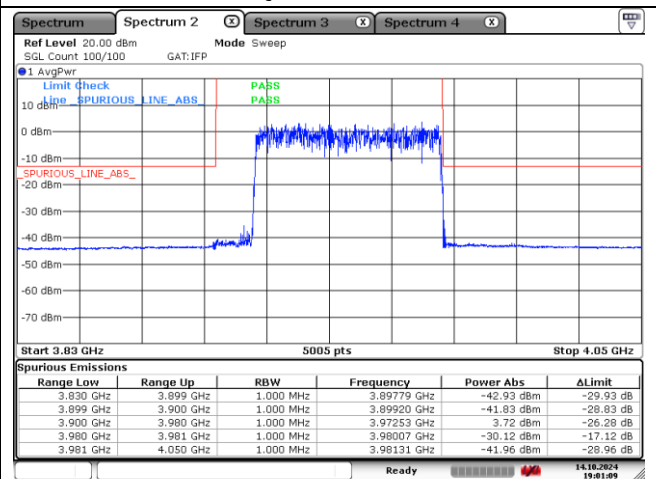
### NR band 77\_High Band (70 MHz) (IC)



### DFT-S-OFDM 16QAM - Low Channel - 1 RB



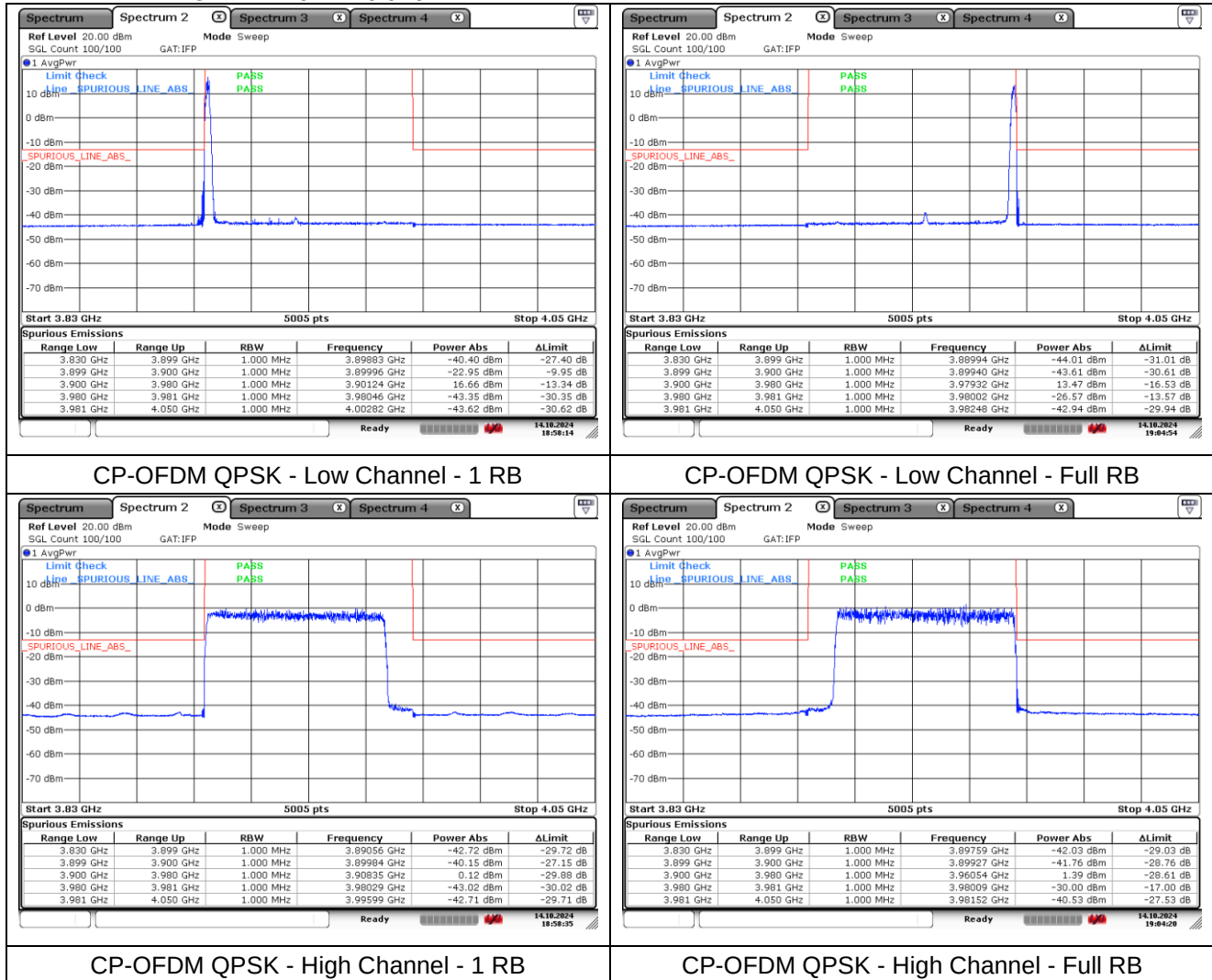
### DFT-S-OFDM 16QAM - Low Channel - Full RB



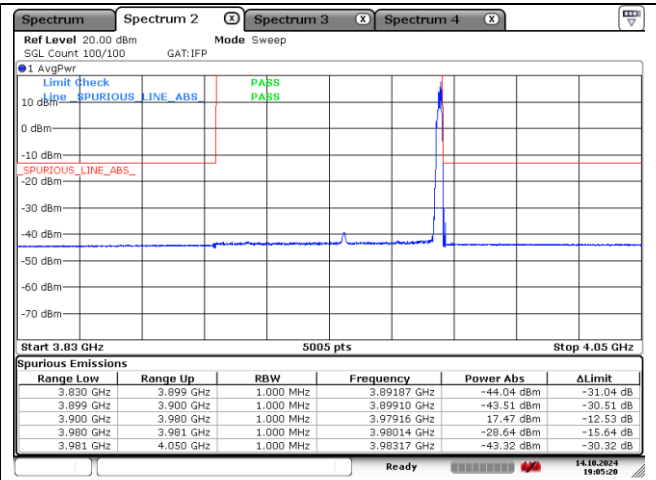
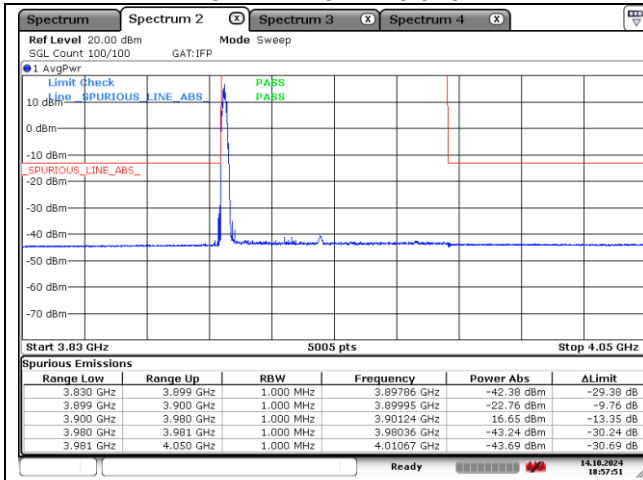
### DFT-S-OFDM 16QAM - High Channel - 1 RB

### DFT-S-OFDM 16QAM - High Channel - Full RB

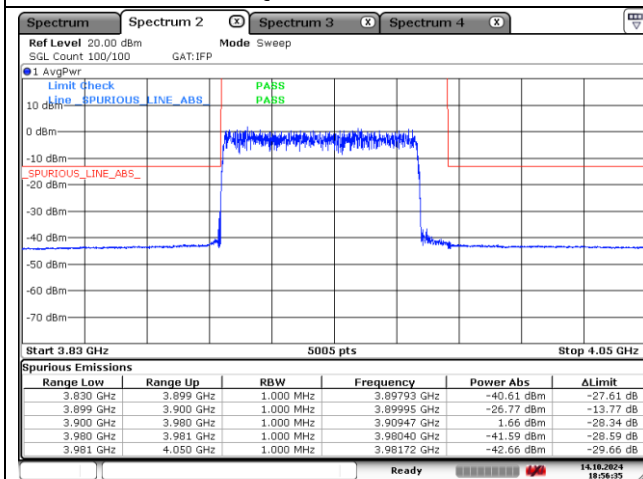
### NR band 77\_High Band (70 MHz) (IC)



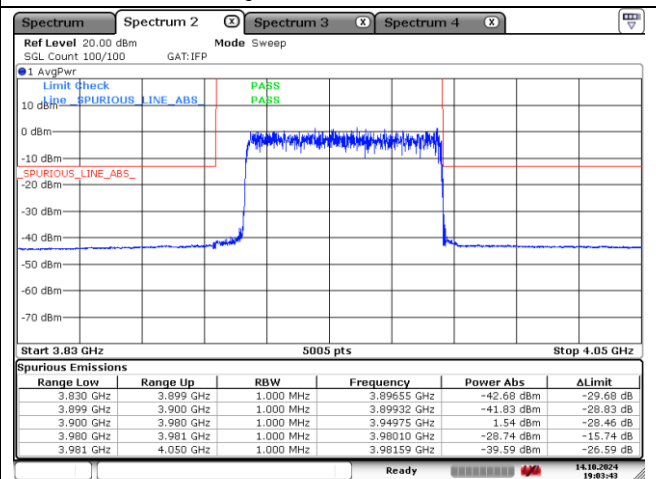
## NR band 77\_High Band (70 MHz) (IC)



## CP-OFDM 16QAM - Low Channel - 1 RB



## CP-OFDM 16QAM - Low Channel - Full RB



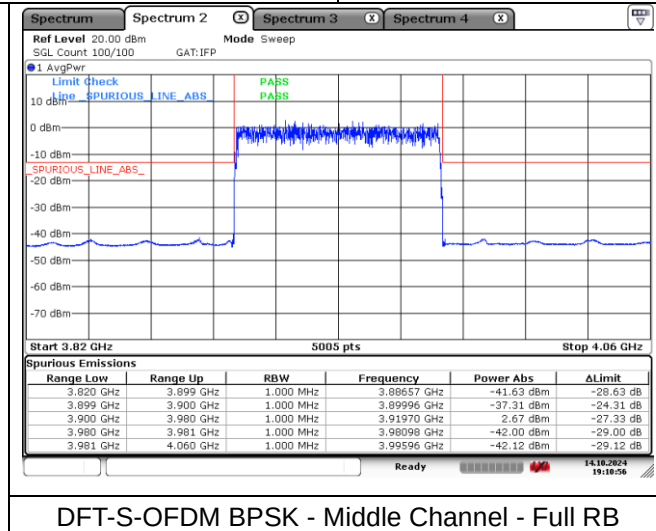
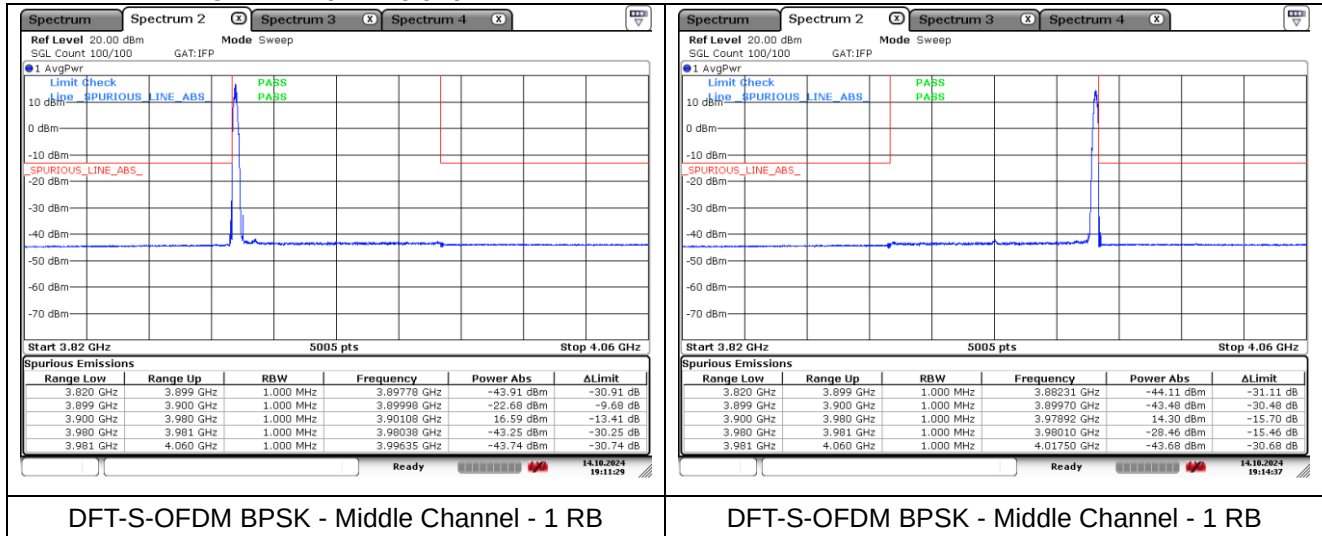
## CP-OFDM 16QAM - High Channel - 1 RB



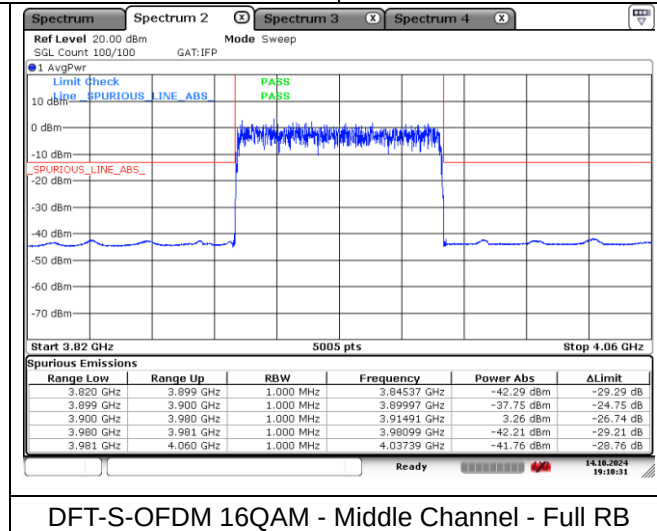
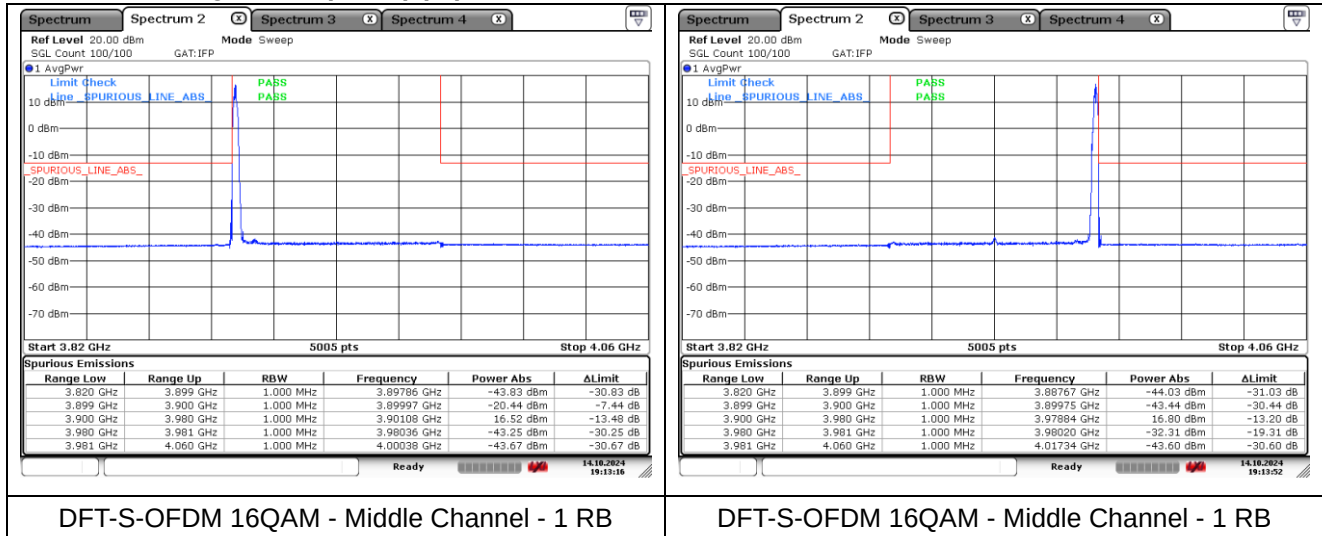
## CP-OFDM 16QAM - High Channel - Full RB



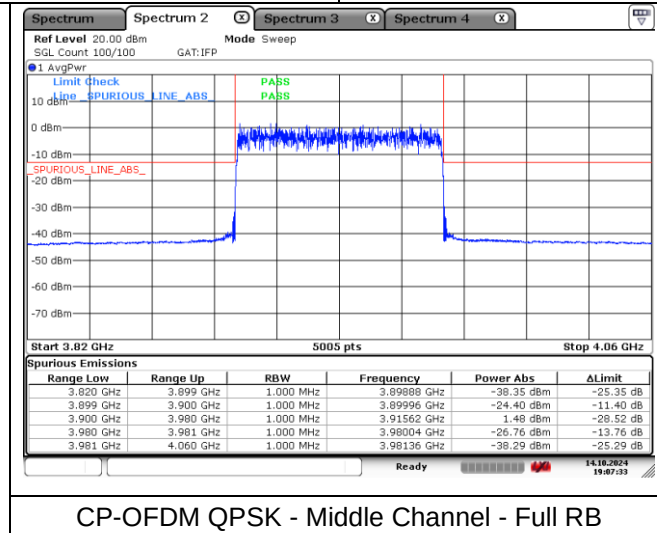
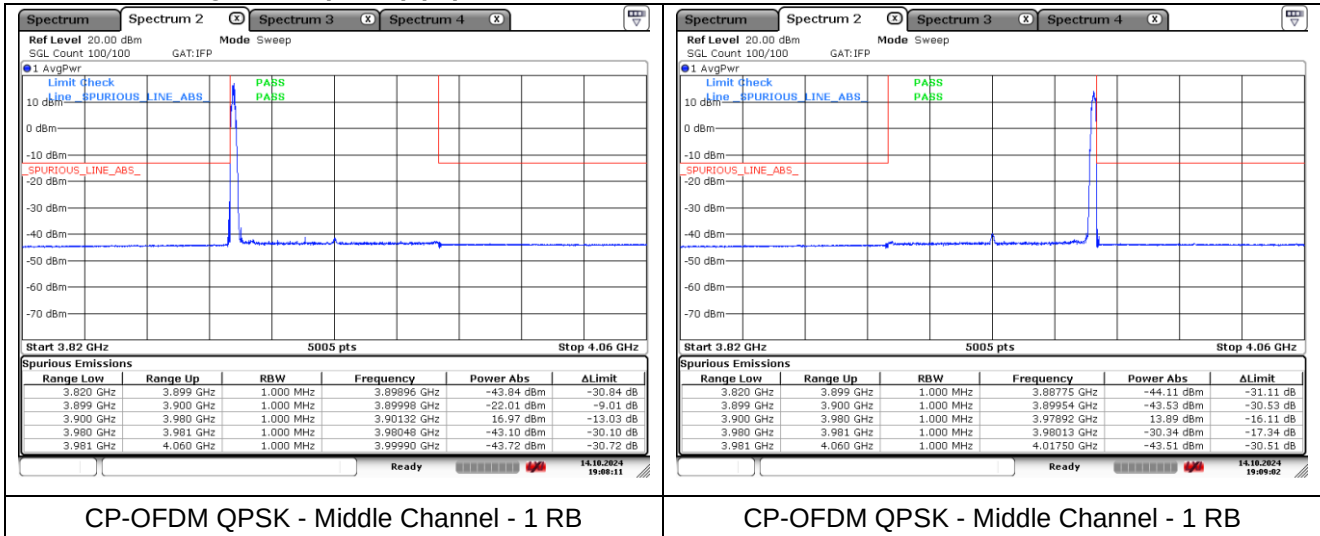
### NR band 77\_High Band (80 MHz) (IC)



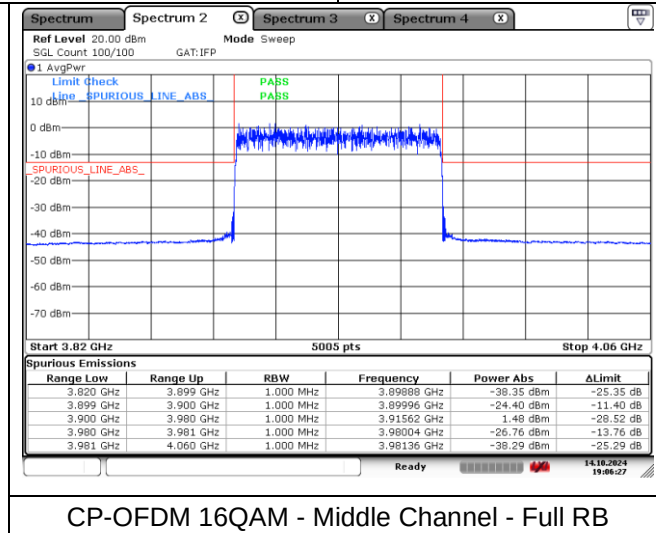
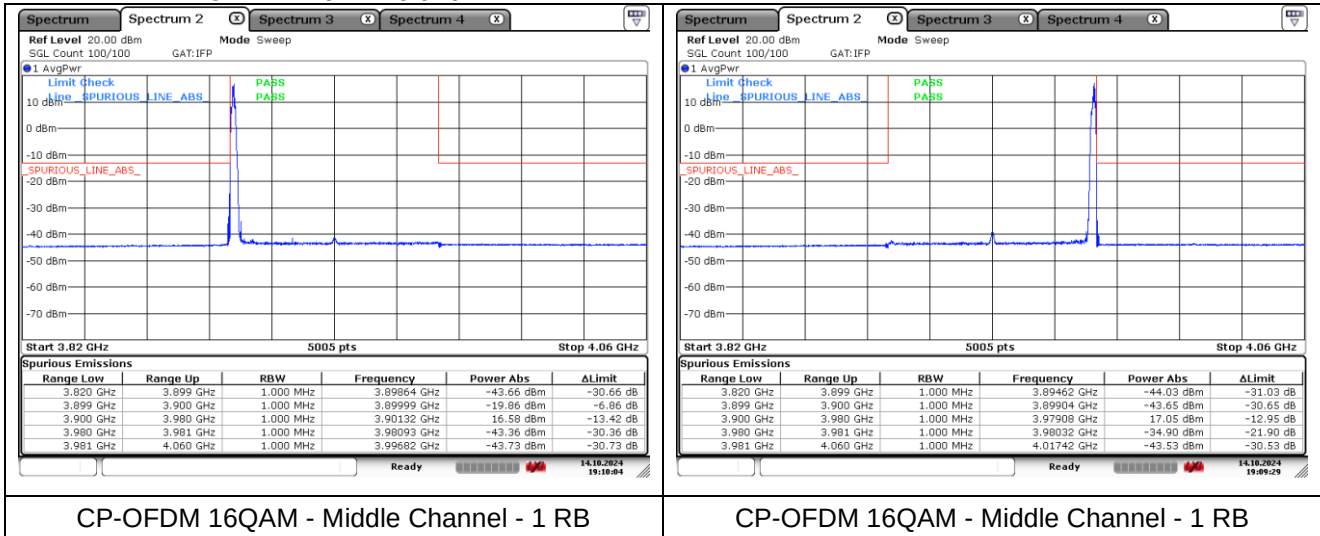
**NR band 77\_High Band (80 MHz) (IC)**



## NR band 77\_High Band (80 MHz) (IC)



## NR band 77\_High Band (80 MHz) (IC)



CP-OFDM 16QAM - Middle Channel - Full RB

## 8. Frequency Stability

### 8.1. Limit

#### FCC

- § 2.1055 (a), § 2.1055 (d) & following:

- §27.54, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

#### IC

- RSS-Gen Issue 5

6.11, for licensed devices, the following measurement conditions apply:

a. at the temperatures of -30°C (-22°F), +20°C (+68°F) and +50°C (+122°F), and at the manufacturer's rated supply voltage

- RSS-192 Issue 5

5.4, the frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group when tested at the temperature and supply voltage variations specified in RSS-Gen.

- RSS-198 Issue 1

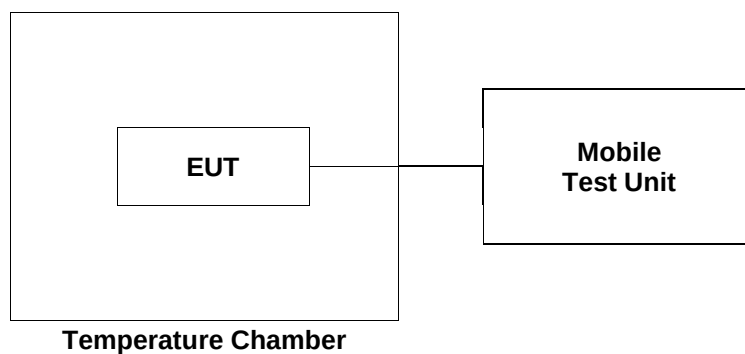
5.4, the frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group when tested at the temperature and supply voltage variations specified in RSS-Gen.

- RSS-199 Issue 4

5.4, the frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group when tested to the temperature and supply voltage variations specified in RSS-Gen.

## 8.2. Test Procedure

1. Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to a Mobile Test Unit via feed-through attenuators.
2. The EUT was placed inside the temperature chamber.
3. After the temperature stabilized for approximately 20 minutes, the frequency output was recorded from Mobile Test Unit.



### 8.3. Test Results

Ambient temperature : (23 ± 1) °C  
Relative humidity : 47 % R.H.

#### Ant. 2

#### NR band 48(IC) at middle channel

| Reference Frequency: 3 624.99 MHz       |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 4.10                               | -0.000 41 |
| 40                                      |                    | 9.20                               | 0.000 99  |
| 30                                      |                    | 10.00                              | 0.001 21  |
| 20(Ref.)                                |                    | 5.60                               | -         |
| 10                                      |                    | -2.80                              | -0.002 32 |
| 0                                       |                    | 0.40                               | -0.001 43 |
| -10                                     |                    | 6.70                               | 0.000 30  |
| -20                                     |                    | 7.20                               | 0.000 44  |
| -30                                     |                    | 1.70                               | -0.001 08 |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | -4.20                              | -0.002 70 |
|                                         | 4.72 (115%)        | 0.30                               | -0.001 46 |

**NR band 77/78 Low Band at middle channel (FCC)**

| Reference Frequency: 3 500.01 MHz       |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 1.60                               | 0.001 66  |
| 40                                      |                    | -7.20                              | -0.000 86 |
| 30                                      |                    | -5.70                              | -0.000 43 |
| 20(Ref.)                                |                    | -4.20                              | -         |
| 10                                      |                    | -1.70                              | 0.000 71  |
| 0                                       |                    | -1.50                              | 0.000 77  |
| -10                                     |                    | 19.90                              | 0.006 89  |
| -20                                     |                    | 11.40                              | 0.004 46  |
| -30                                     |                    | 10.50                              | 0.004 20  |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 2.50                               | 0.001 91  |
|                                         | 4.72 (115%)        | 7.90                               | 0.003 46  |

**NR band 77/78\_High Band at middle channel (FCC)**

| Reference Frequency: 3 840 MHz          |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | -9.50                              | -0.004 14 |
| 40                                      |                    | 2.10                               | -0.001 12 |
| 30                                      |                    | -5.00                              | -0.002 97 |
| 20(Ref.)                                |                    | 6.40                               | -         |
| 10                                      |                    | 0.40                               | -0.001 56 |
| 0                                       |                    | 11.40                              | 0.001 30  |
| -10                                     |                    | -7.00                              | -0.003 49 |
| -20                                     |                    | 6.40                               | 0.000 00  |
| -30                                     |                    | -1.20                              | -0.001 98 |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | -5.10                              | -0.002 99 |
|                                         | 4.72 (115%)        | 7.20                               | 0.000 21  |

**NR band 77/78 Low Band at middle channel (IC)**

| Reference Frequency: 3 675 MHz          |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 5.10                               | -0.000 11 |
| 40                                      |                    | 2.80                               | -0.000 73 |
| 30                                      |                    | -18.50                             | -0.006 53 |
| 20(Ref.)                                |                    | 5.50                               | -         |
| 10                                      |                    | -10.20                             | -0.004 27 |
| 0                                       |                    | -0.70                              | -0.001 69 |
| -10                                     |                    | 5.70                               | 0.000 05  |
| -20                                     |                    | 3.60                               | -0.000 52 |
| -30                                     |                    | 4.10                               | -0.000 38 |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 4.90                               | -0.000 16 |
|                                         | 4.72 (115%)        | 1.20                               | -0.001 17 |

**NR band 77\_High Band at middle channel (IC)**

| Reference Frequency: 3 939.99 MHz       |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 5.00                               | 0.000 63  |
| 40                                      |                    | 1.20                               | -0.000 33 |
| 30                                      |                    | -3.00                              | -0.001 40 |
| 20(Ref.)                                |                    | 2.50                               | -         |
| 10                                      |                    | -6.30                              | -0.002 23 |
| 0                                       |                    | -1.30                              | -0.000 96 |
| -10                                     |                    | -11.30                             | -0.003 50 |
| -20                                     |                    | 2.60                               | 0.000 03  |
| -30                                     |                    | 3.30                               | 0.000 20  |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 6.90                               | 0.001 12  |
|                                         | 4.72 (115%)        | -9.80                              | -0.003 12 |

## Switching

### NR band 41(FCC) at middle channel

| Reference Frequency: 2 592.99 MHz       |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | -9.20                              | -0.001 70 |
| 40                                      |                    | 6.00                               | 0.004 17  |
| 30                                      |                    | 5.20                               | 0.003 86  |
| 20(Ref.)                                |                    | -4.80                              | -         |
| 10                                      |                    | -3.10                              | 0.000 66  |
| 0                                       |                    | 8.00                               | 0.004 94  |
| -10                                     |                    | -3.30                              | 0.000 58  |
| -20                                     |                    | 7.30                               | 0.004 67  |
| -30                                     |                    | -8.80                              | -0.001 54 |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 2.70                               | 0.002 89  |
|                                         | 4.72 (115%)        | -5.70                              | -0.000 35 |

**NR band 41(IC) at middle channel**

| Reference Frequency: 2 595.0 MHz        |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 3.90                               | 0.000 19  |
| 40                                      |                    | 3.50                               | 0.000 04  |
| 30                                      |                    | -17.30                             | -0.007 98 |
| 20(Ref.)                                |                    | 3.40                               | -         |
| 10                                      |                    | 7.40                               | 0.001 54  |
| 0                                       |                    | 1.70                               | -0.000 66 |
| -10                                     |                    | 3.30                               | -0.000 04 |
| -20                                     |                    | 10.40                              | 0.002 70  |
| -30                                     |                    | 10.30                              | 0.002 66  |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 3.70                               | 0.000 12  |
|                                         | 4.72 (115%)        | 8.90                               | 0.002 12  |

**NR band 48(IC) at middle channel**

| Reference Frequency: 3 624.99 MHz       |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 12.70                              | 0.002 76  |
| 40                                      |                    | 7.10                               | 0.001 21  |
| 30                                      |                    | 10.80                              | 0.002 24  |
| 20(Ref.)                                |                    | 2.70                               | -         |
| 10                                      |                    | -5.80                              | -0.002 35 |
| 0                                       |                    | 6.90                               | 0.001 16  |
| -10                                     |                    | -10.20                             | -0.003 56 |
| -20                                     |                    | -7.60                              | -0.002 84 |
| -30                                     |                    | -3.30                              | -0.001 66 |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 12.70                              | 0.002 76  |
|                                         | 4.72 (115%)        | 7.10                               | 0.001 21  |

**NR band 77/78 Low Band at middle channel (FCC)**

| Reference Frequency: 3 500.01 MHz       |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 12.70                              | 0.002 76  |
| 40                                      |                    | 7.10                               | 0.001 21  |
| 30                                      |                    | 10.80                              | 0.002 24  |
| 20(Ref.)                                |                    | 2.70                               | -         |
| 10                                      |                    | -5.80                              | -0.002 35 |
| 0                                       |                    | 6.90                               | 0.001 16  |
| -10                                     |                    | -10.20                             | -0.003 56 |
| -20                                     |                    | -7.60                              | -0.002 84 |
| -30                                     |                    | -3.30                              | -0.001 66 |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 12.70                              | 0.002 76  |
|                                         | 4.72 (115%)        | 7.10                               | 0.001 21  |

**NR band 77/78\_High Band at middle channel (FCC)**

| Reference Frequency: 3 840 MHz          |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 7.90                               | 0.002 97  |
| 40                                      |                    | 10.20                              | 0.003 57  |
| 30                                      |                    | 8.80                               | 0.003 20  |
| 20(Ref.)                                |                    | -3.50                              | -         |
| 10                                      |                    | -7.80                              | -0.001 12 |
| 0                                       |                    | 5.90                               | 0.002 45  |
| -10                                     |                    | -11.10                             | -0.001 98 |
| -20                                     |                    | -1.90                              | 0.000 42  |
| -30                                     |                    | 7.70                               | 0.002 92  |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 8.70                               | 0.003 18  |
|                                         | 4.72 (115%)        | 5.90                               | 0.002 45  |

**NR band 77/78 Low Band at middle channel (IC)**

| Reference Frequency: 3 675 MHz          |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | 8.70                               | 0.003 18  |
| 40                                      |                    | 5.90                               | 0.002 45  |
| 30                                      |                    | 8.70                               | 0.003 18  |
| 20(Ref.)                                |                    | 5.90                               | 0.002 45  |
| 10                                      |                    | 8.70                               | 0.003 18  |
| 0                                       |                    | 5.90                               | 0.002 45  |
| -10                                     |                    | 8.70                               | 0.003 18  |
| -20                                     |                    | 5.90                               | 0.002 45  |
| -30                                     |                    | 8.70                               | 0.003 18  |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 2.80                               | -0.001 85 |
|                                         | 4.72 (115%)        | 11.80                              | 0.000 60  |

**NR band 77\_High Band at middle channel (IC)**

| Reference Frequency: 3 939.99 MHz       |                    |                                    |           |
|-----------------------------------------|--------------------|------------------------------------|-----------|
| Frequency Stability versus Temperature  |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 50                                      | 4.10               | -13.50                             | -0.001 98 |
| 40                                      |                    | 9.80                               | 0.003 93  |
| 30                                      |                    | 12.20                              | 0.004 54  |
| 20(Ref.)                                |                    | -5.70                              | -         |
| 10                                      |                    | 5.50                               | 0.002 84  |
| 0                                       |                    | 3.40                               | 0.002 31  |
| -10                                     |                    | -8.50                              | -0.000 71 |
| -20                                     |                    | -4.40                              | 0.000 33  |
| -30                                     |                    | 11.10                              | 0.004 26  |
| Frequency Stability versus Power Supply |                    |                                    |           |
| Environment Temperature (°C)            | Power Supplied (V) | Frequency Measure with Time Elapse |           |
|                                         |                    | Frequency Error (Hz)               | ppm       |
| 20                                      | 3.49 (85%)         | 10.30                              | 0.004 06  |
|                                         | 4.72 (115%)        | -9.80                              | -0.001 04 |

**- End of the Test Report -**