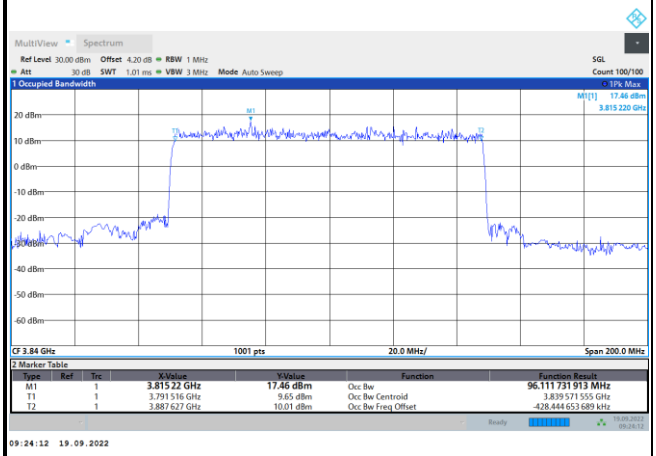
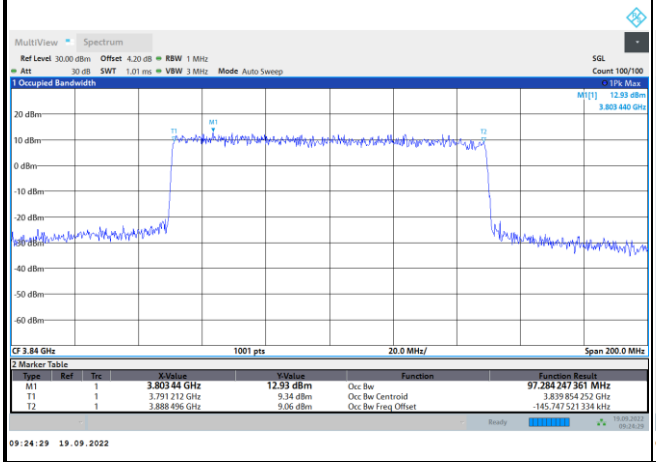
## FR1 n77 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

### PI/2 BPSK

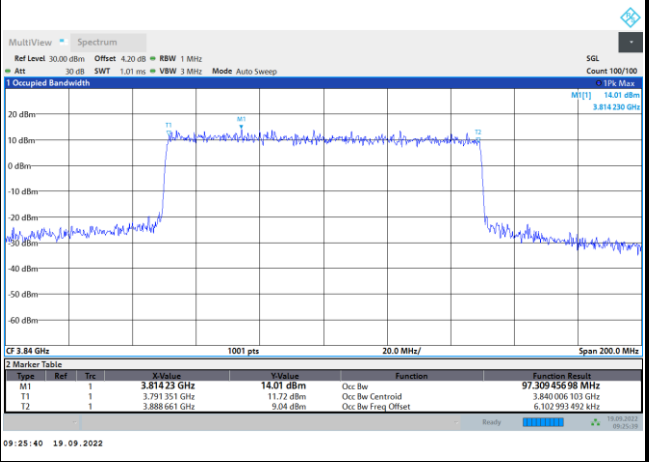



## FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

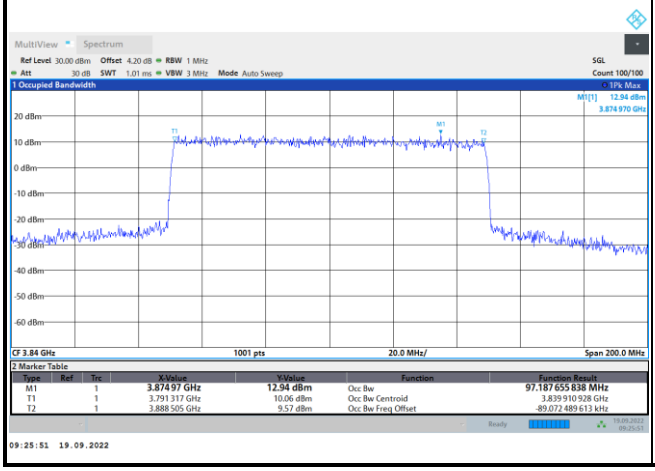
### QPSK



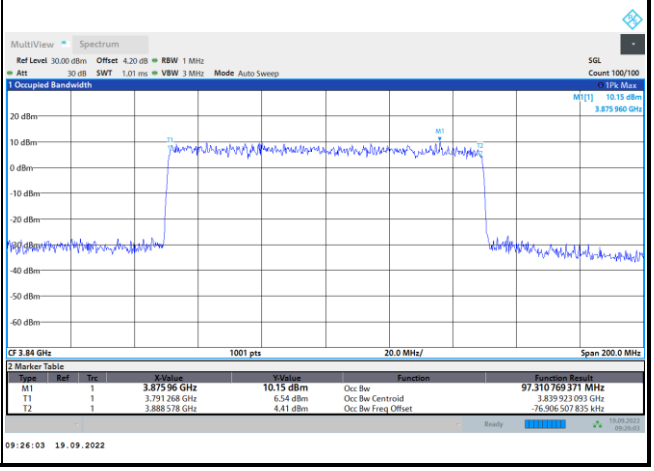

### 16QAM




### 64QAM



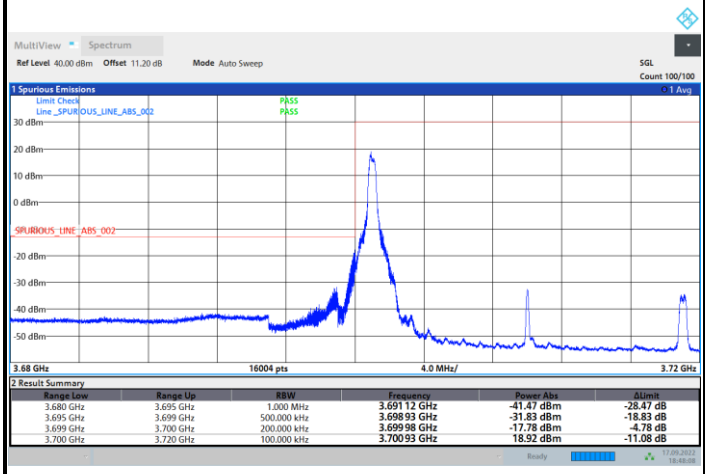

### 256QAM



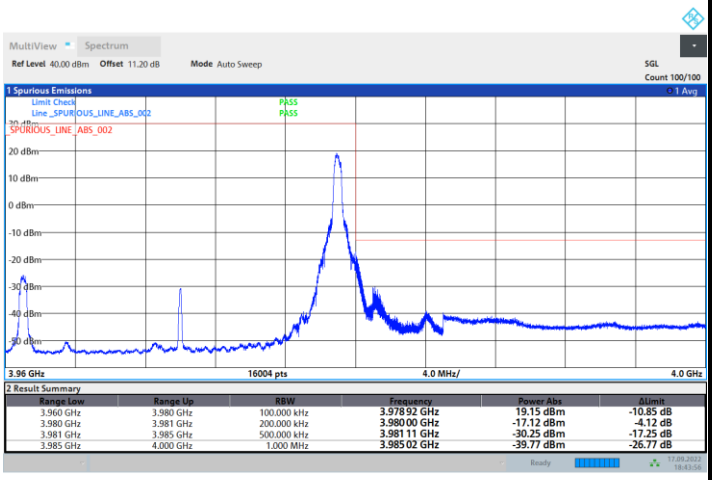
# Conducted Band Edge

## FR1 n77 / 20MHz / DFT-S OFDM / PI/2 BPSK

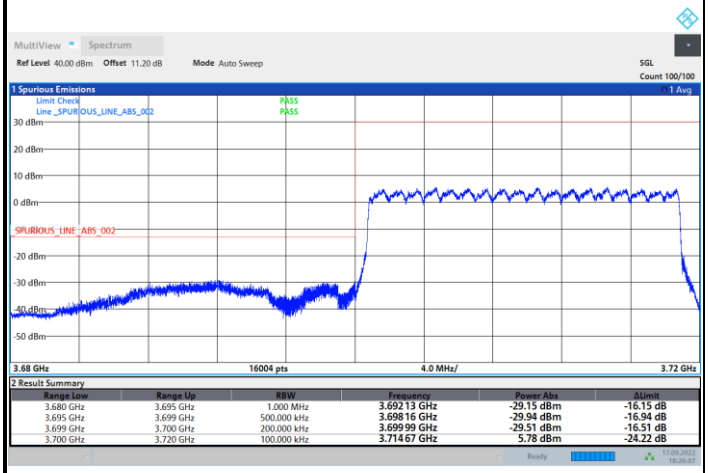
### Lowest Band Edge / 1RB0



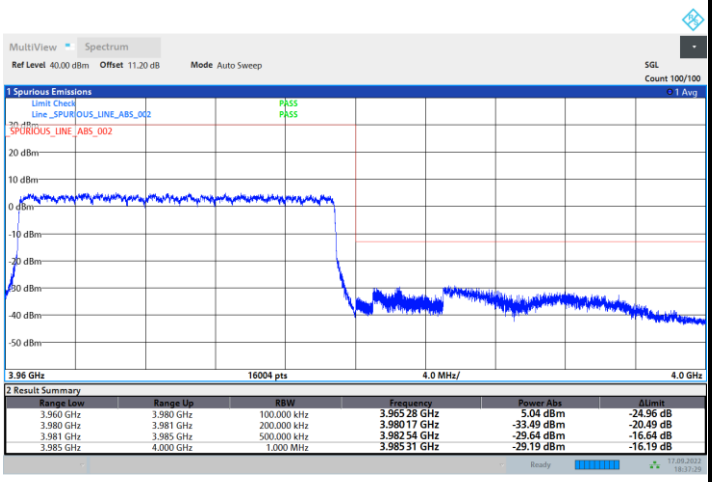

### Highest Band Edge / 1RBmax




### Lowest Band Edge / Full RB

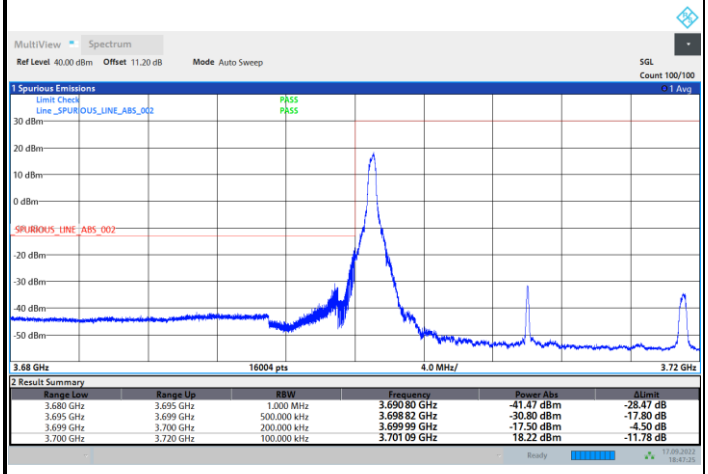



### Highest Band Edge / Full RB

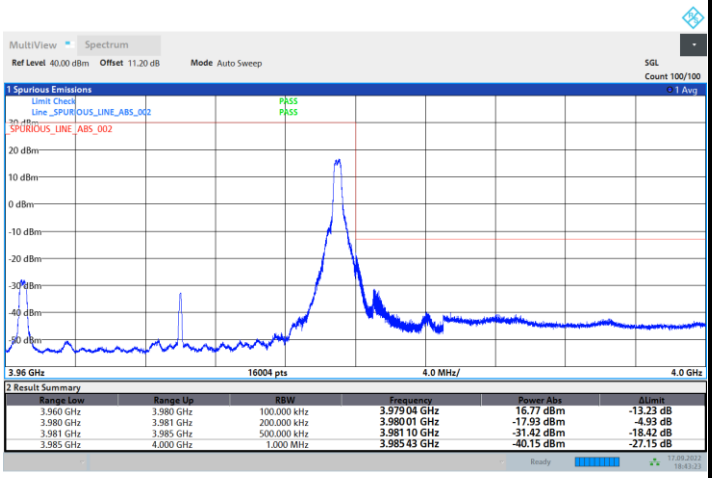


## FR1 n77 / 20MHz / DFT-S OFDM / QPSK

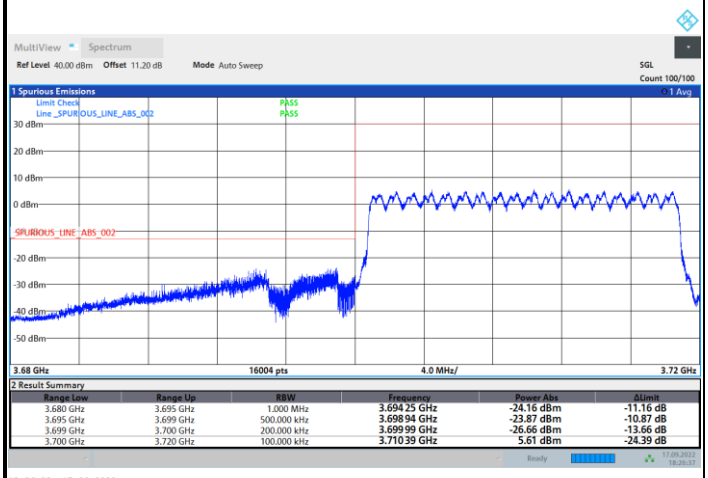
### Lowest Band Edge / 1RB0



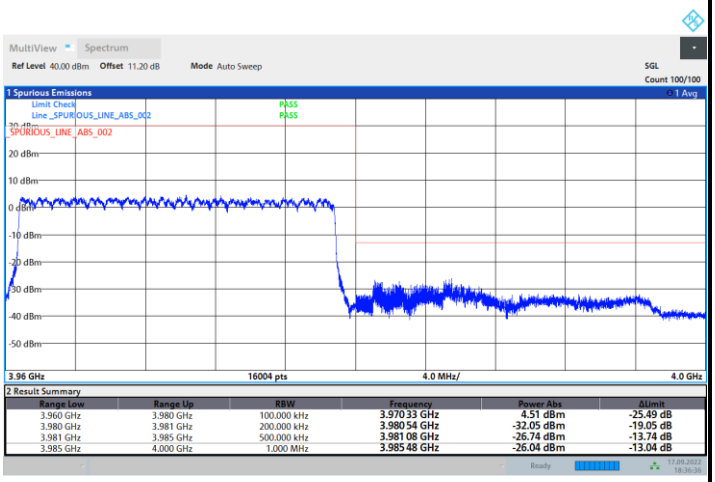

### Highest Band Edge / 1RBmax




### Lowest Band Edge / Full RB

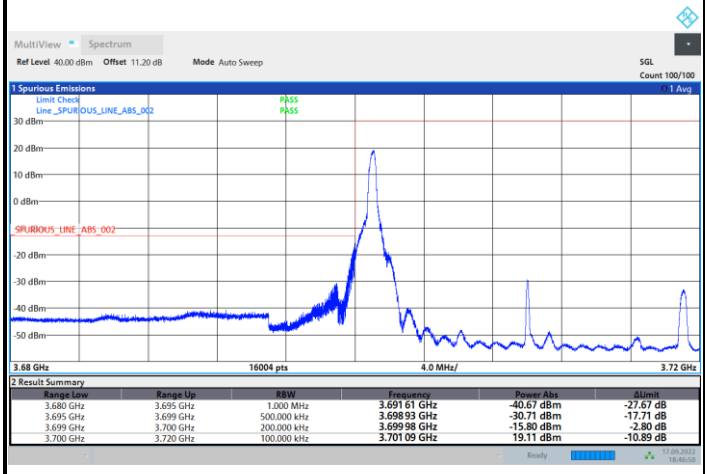



### Highest Band Edge / Full RB

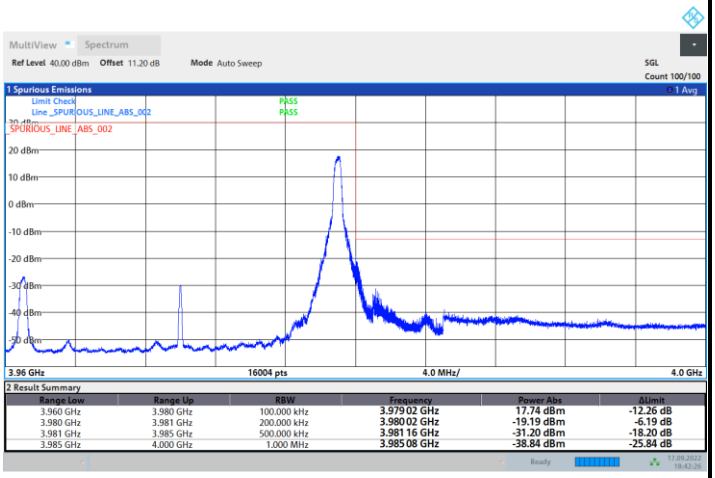


## FR1 n77 / 20MHz / DFT-S OFDM / 16QAM

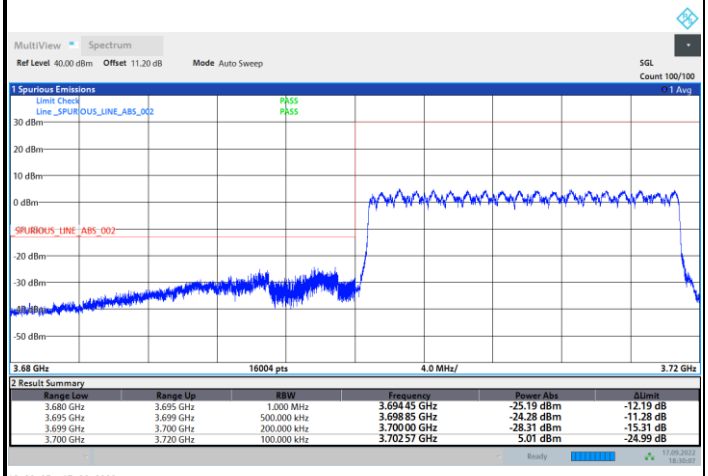
### Lowest Band Edge / 1RB0



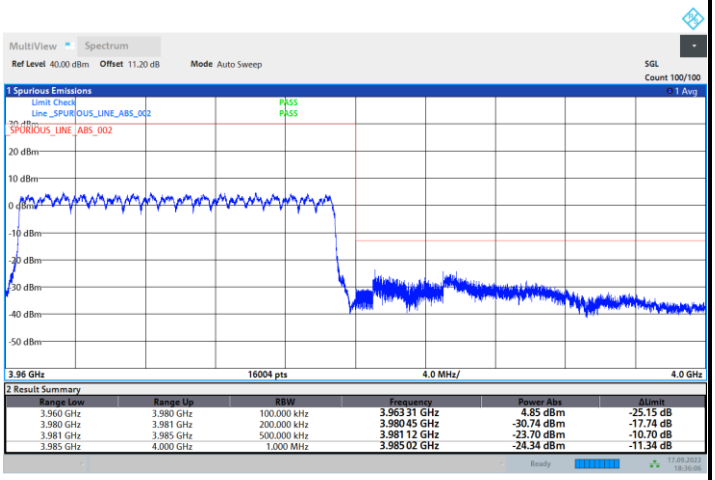

### Highest Band Edge / 1RBmax




### Lowest Band Edge / Full RB

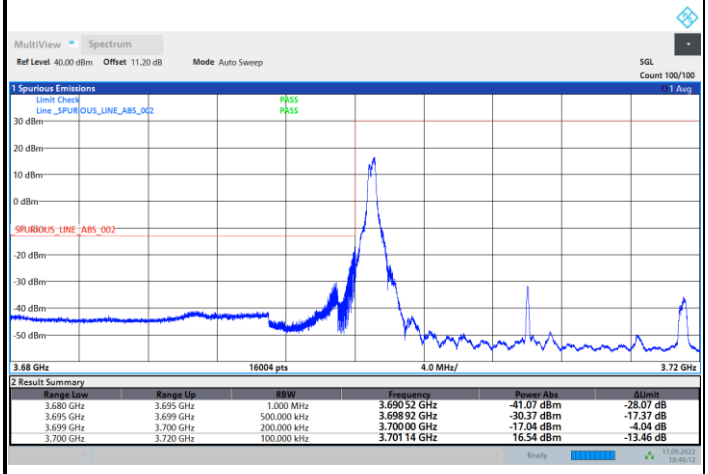



### Highest Band Edge / Full RB

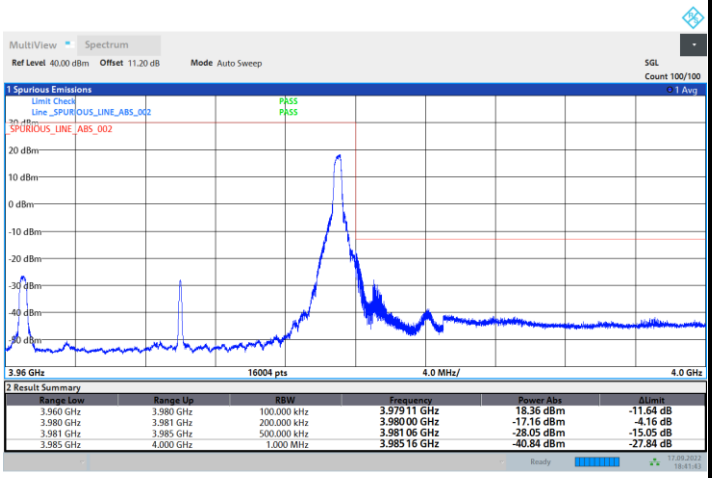


## FR1 n77 / 20MHz / DFT-S OFDM / 64QAM

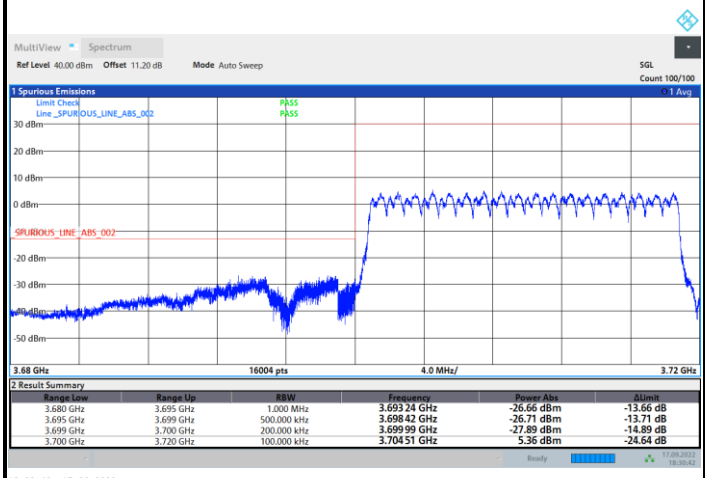
### Lowest Band Edge / 1RB0



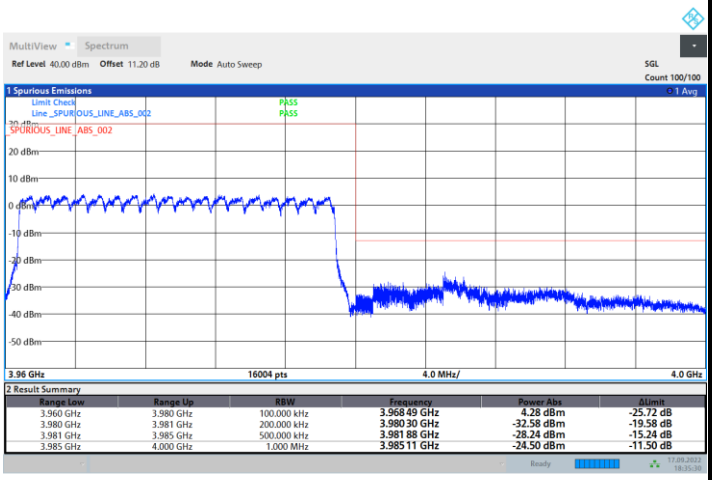

### Highest Band Edge / 1RBmax




### Lowest Band Edge / Full RB

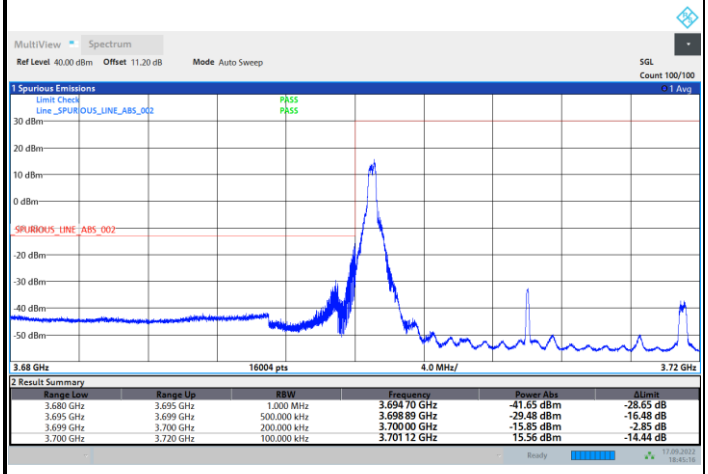



### Highest Band Edge / Full RB

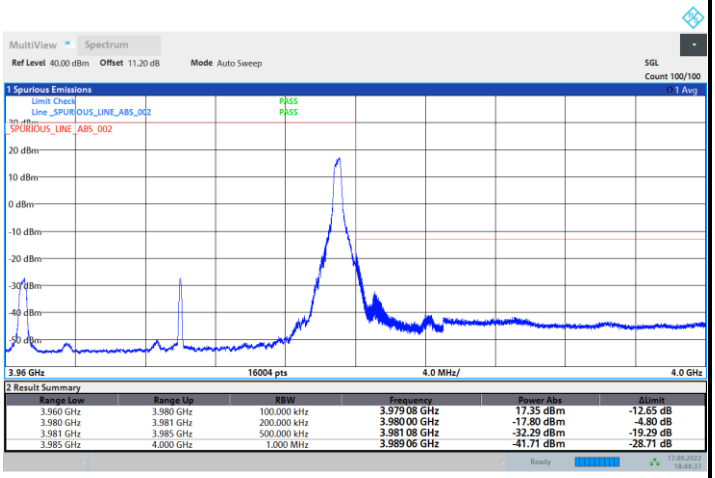


## FR1 n77 / 20MHz / DFT-S OFDM / 256QAM

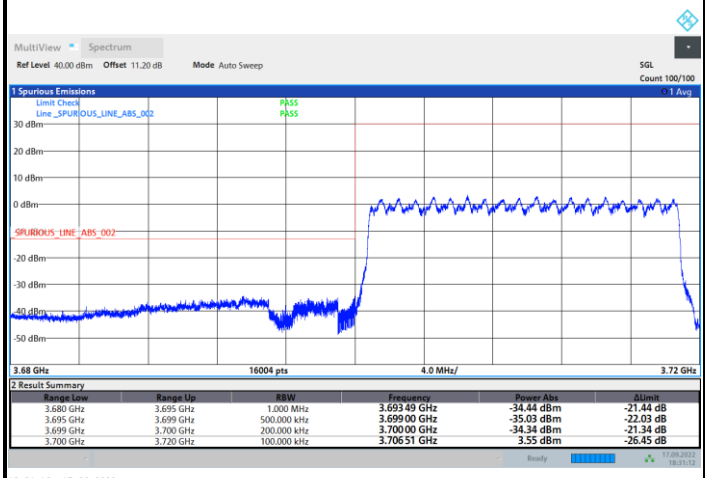
### Lowest Band Edge / 1RB0



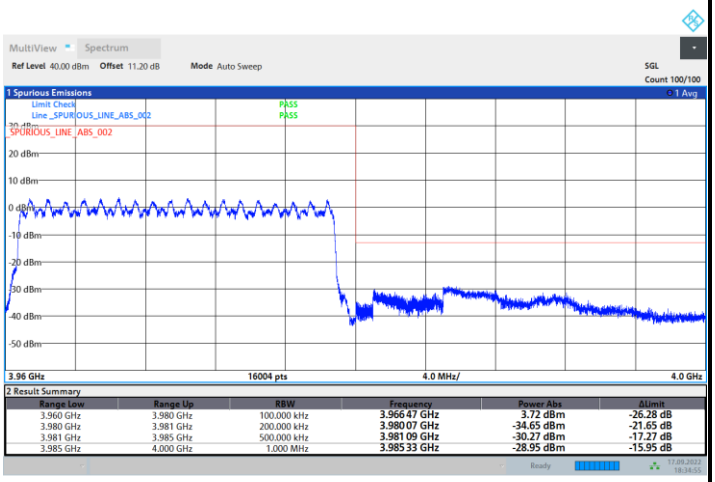

### Highest Band Edge / 1RBmax

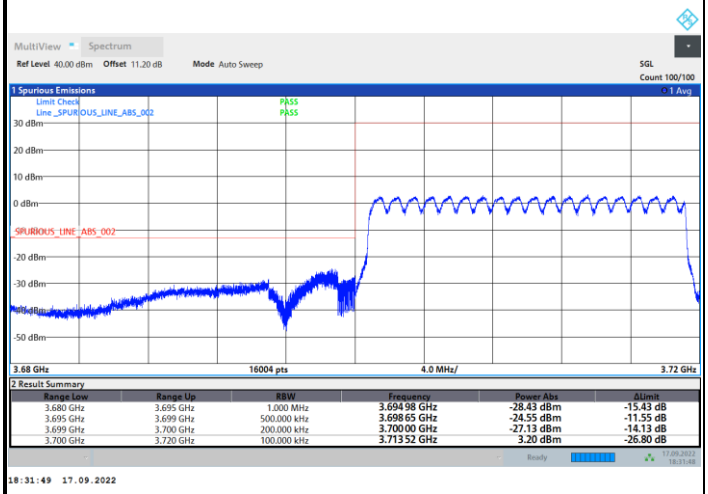
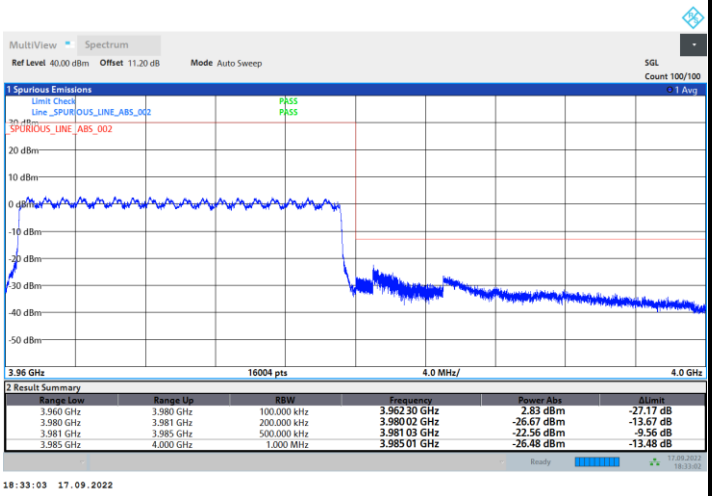



### Lowest Band Edge / Full RB



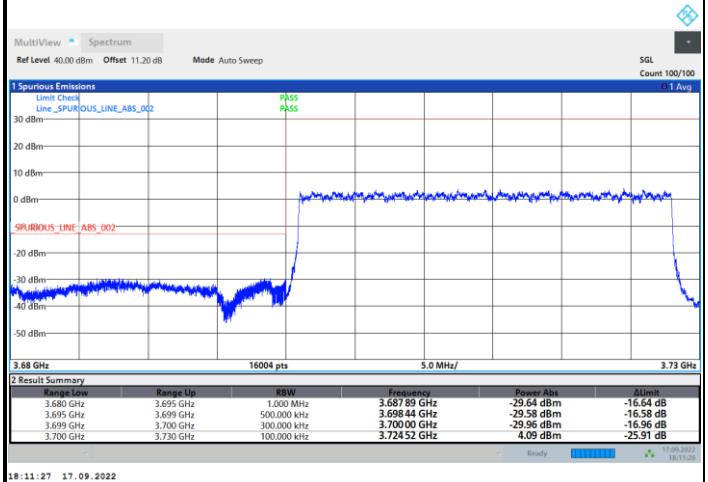

### Highest Band Edge / Full RB



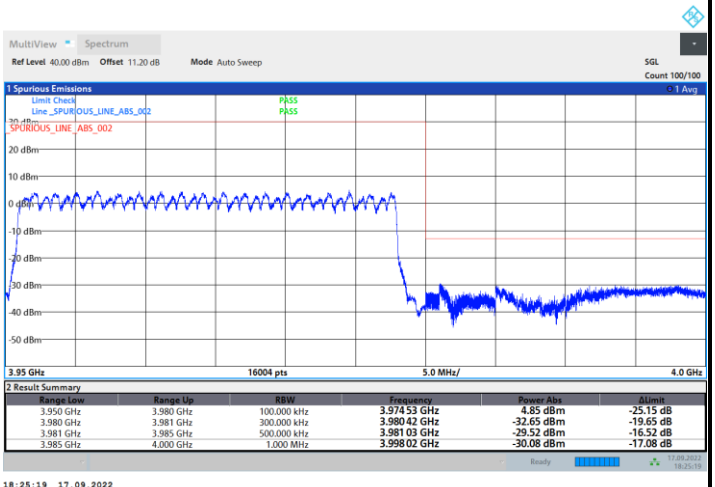
| FR1 n77 / 20MHz / CP OFDM / QPSK / Full RB | |
|---|---|
| **Lowest Band Edge** | **Highest Band Edge** |
|  |  |

## FR1 n77 / 30MHz / DFT-S OFDM / PI/2 BPSK

### Lowest Band Edge / Full RB

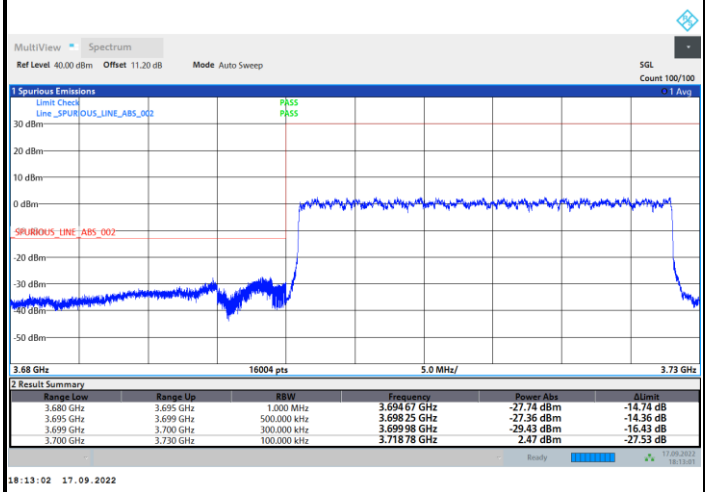



### Highest Band Edge / Full RB

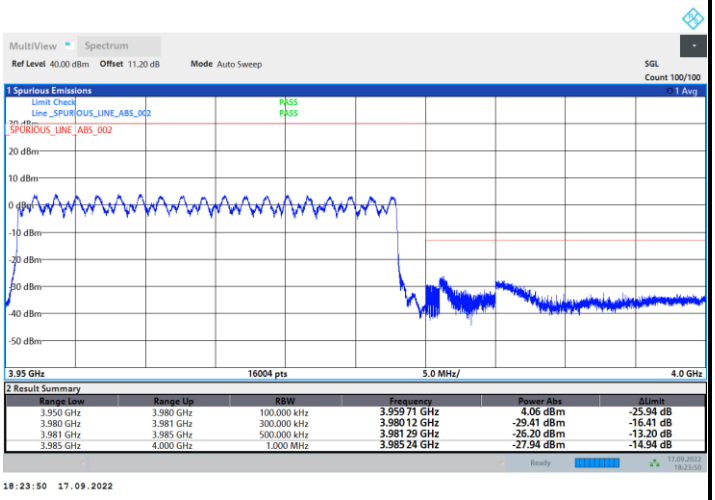



## FR1 n77 / 30MHz / DFT-S OFDM / QPSK

### Lowest Band Edge / Full RB

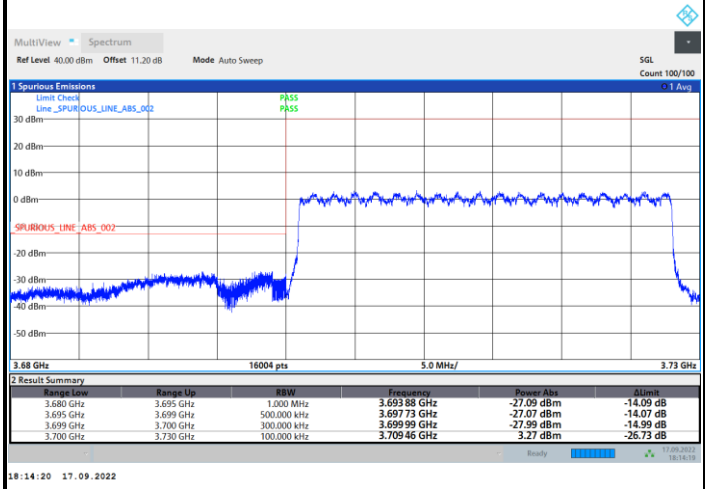



### Highest Band Edge / Full RB

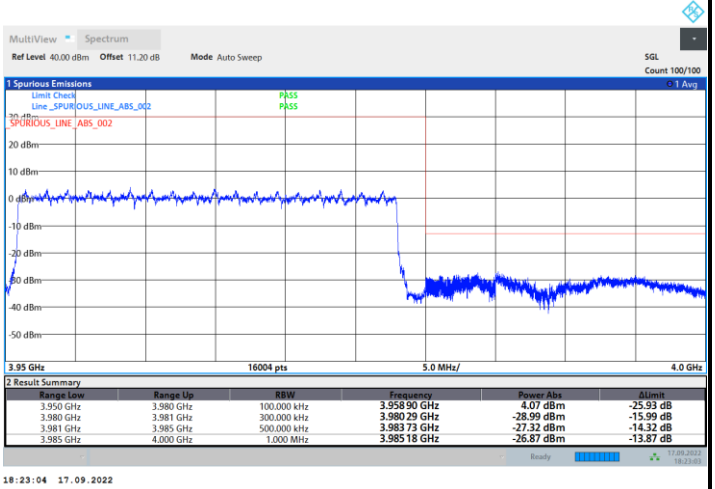


## FR1 n77 / 30MHz / DFT-S OFDM / 16QAM

### Lowest Band Edge / Full RB

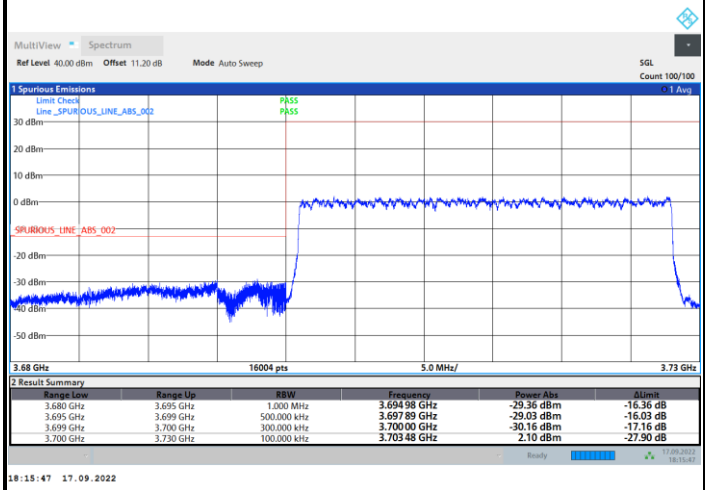



### Highest Band Edge / Full RB

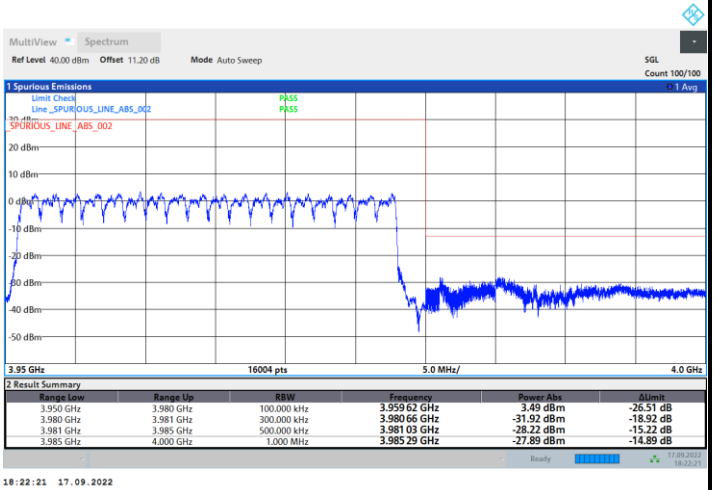



## FR1 n77 / 30MHz / DFT-S OFDM / 64QAM

### Lowest Band Edge / Full RB

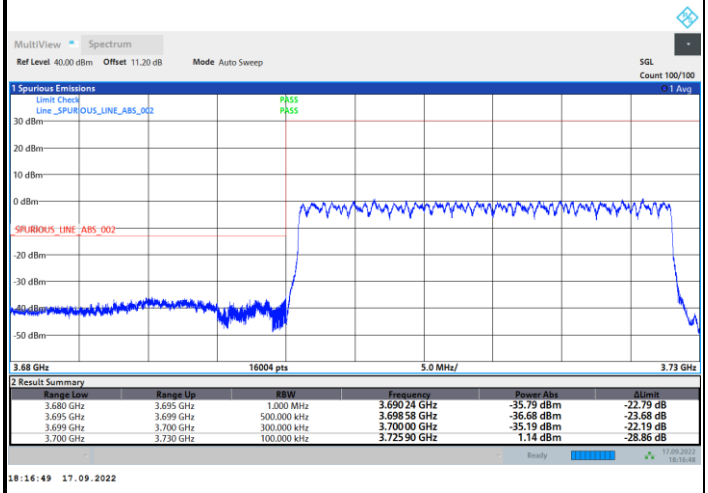



### Highest Band Edge / Full RB

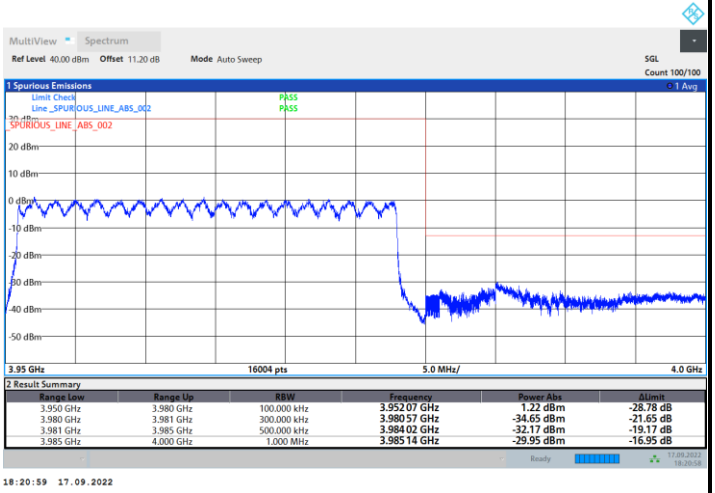


## FR1 n77 / 30MHz / DFT-S OFDM / 256QAM

### Lowest Band Edge / Full RB

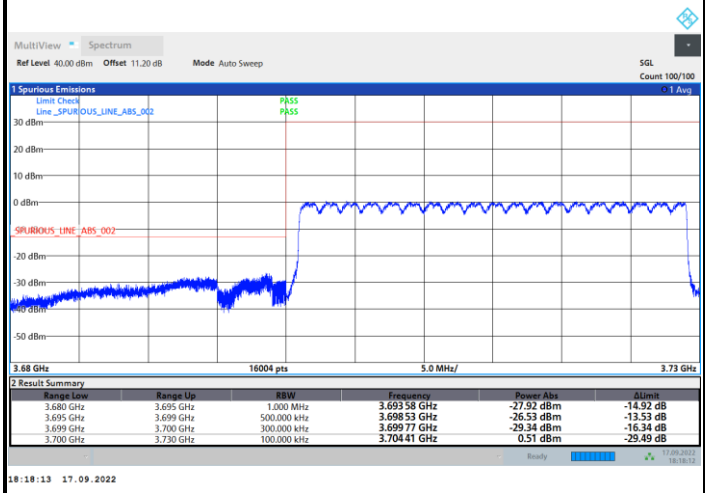



### Highest Band Edge / Full RB

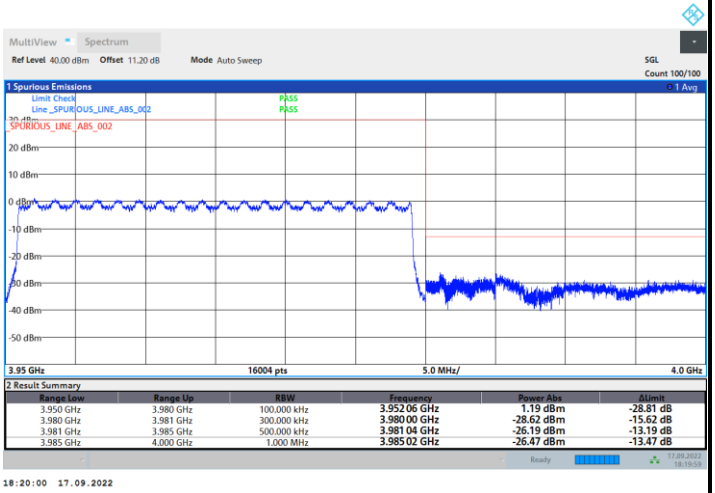


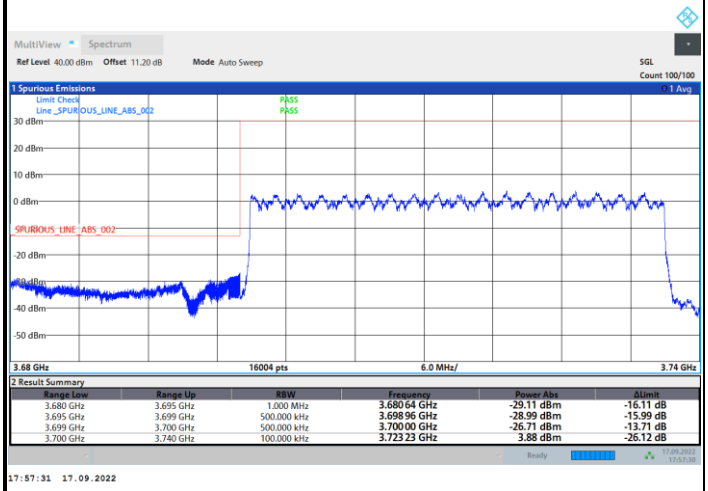
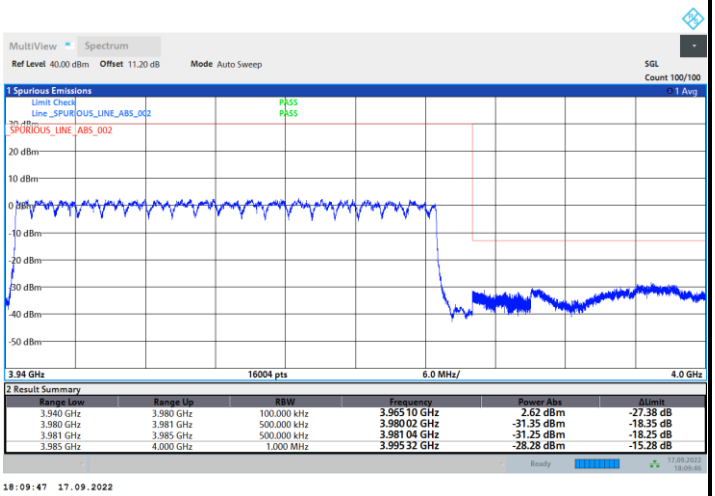

## FR1 n77 / 30MHz / CP OFDM / QPSK / Full RB

### Lowest Band Edge



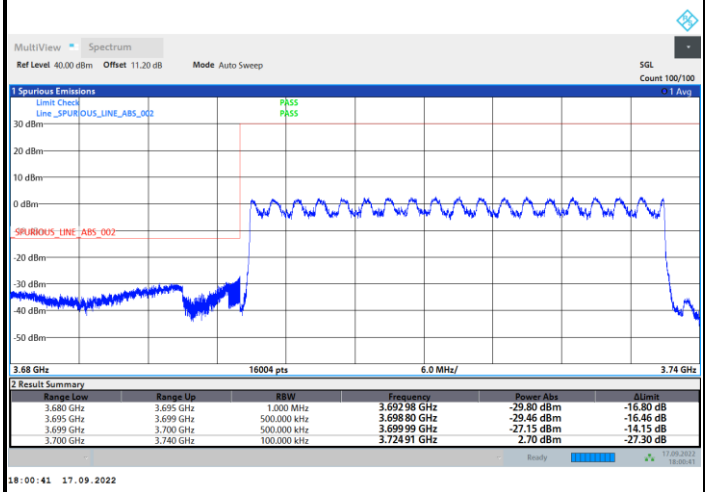
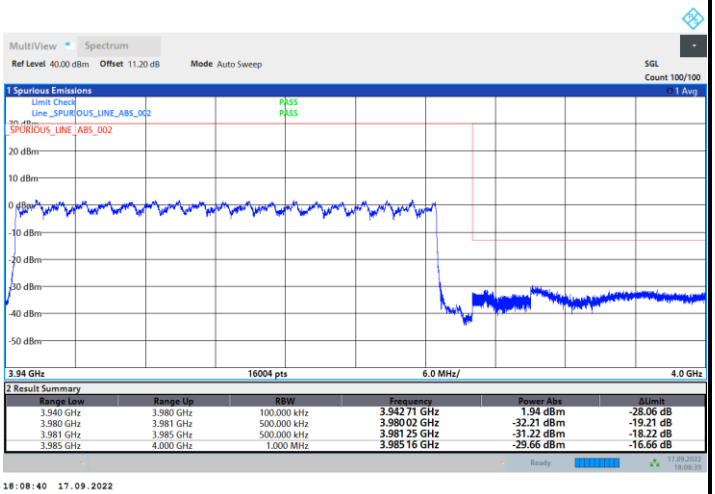

### Highest Band Edge

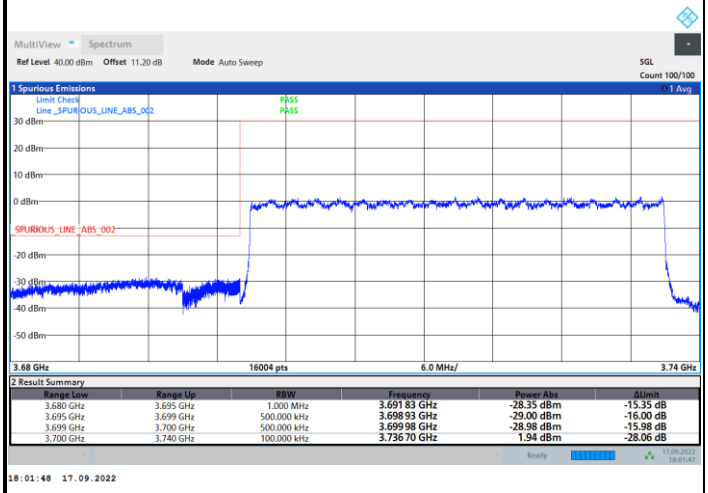
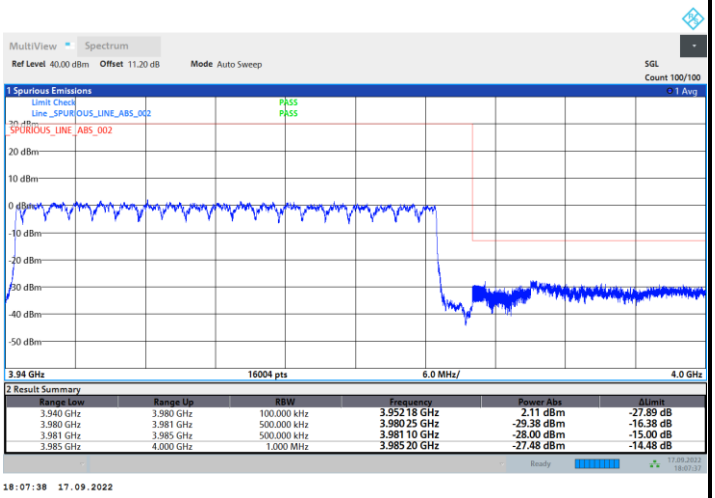


| FR1 n77 / 40MHz / DFT-S OFDM / PI/2 BPSK | |
|---|---|
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |



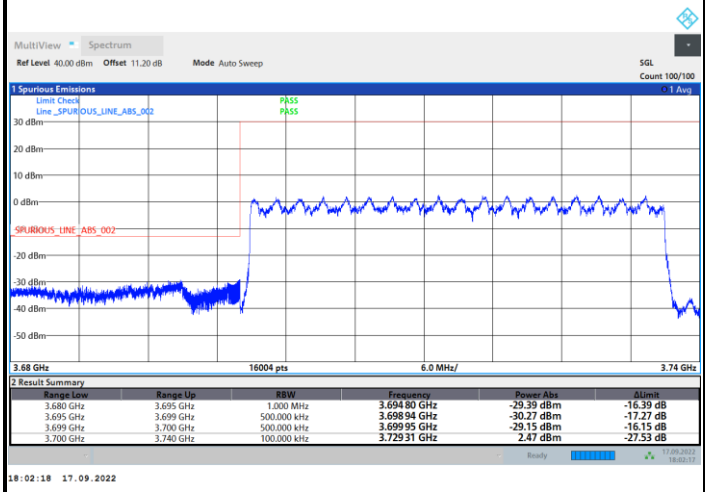
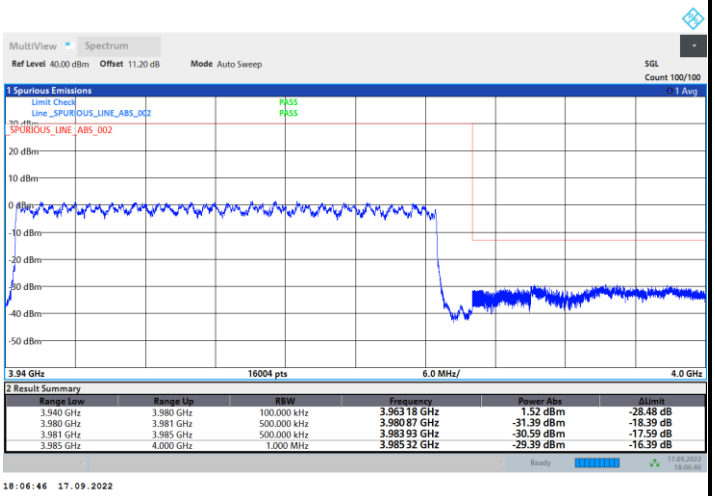


| FR1 n77 / 40MHz / DFT-S OFDM / QPSK | |
|---|---|
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

| FR1 n77 / 40MHz / DFT-S OFDM / 16QAM | |
|---|---|
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

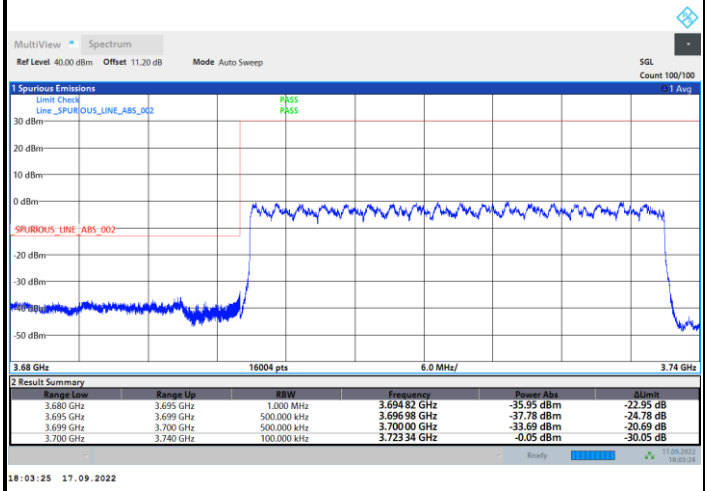




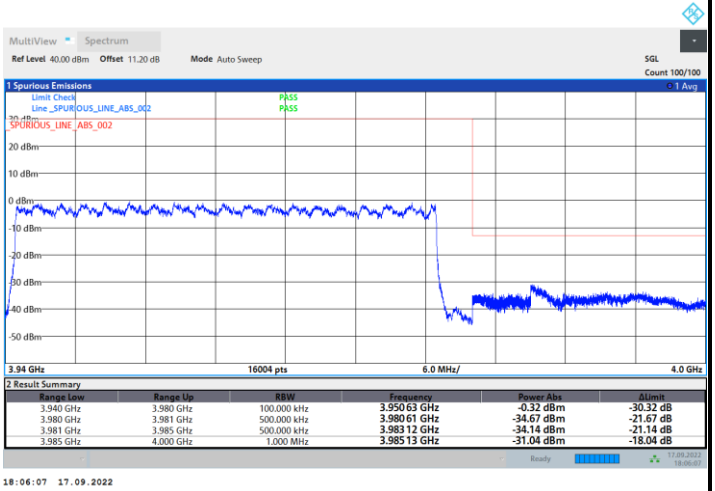
| FR1 n77 / 40MHz / DFT-S OFDM / 64QAM | |
|---|---|
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

## FR1 n77 / 40MHz / DFT-S OFDM / 256QAM

### Lowest Band Edge / Full RB

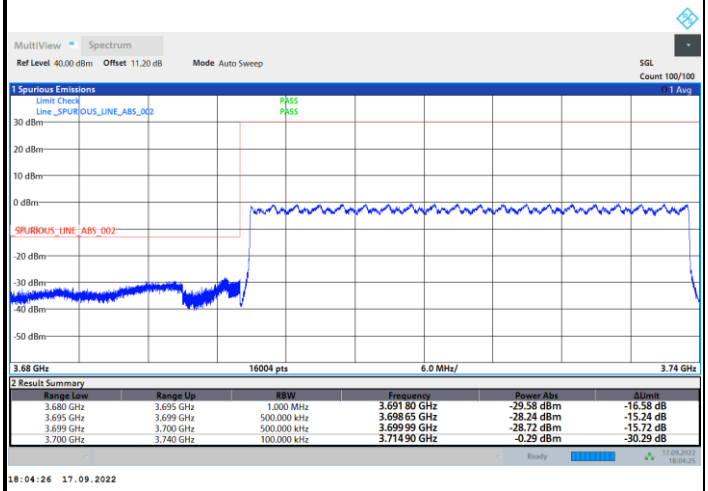



### Highest Band Edge / Full RB

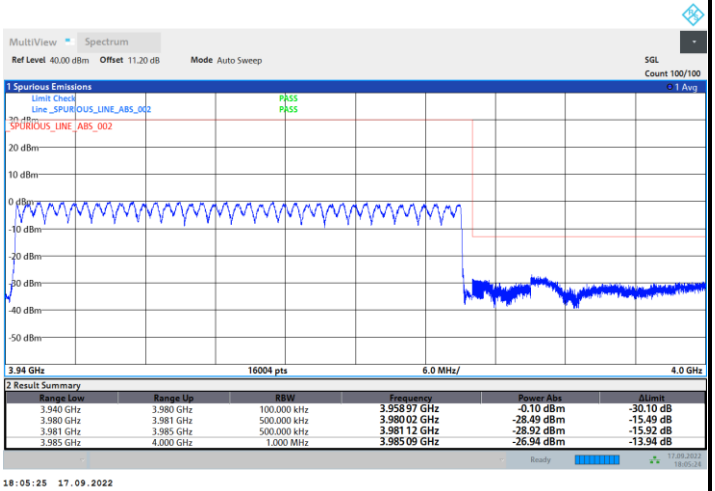



## FR1 n77 / 40MHz / CP OFDM / QPSK / Full RB

### Lowest Band Edge

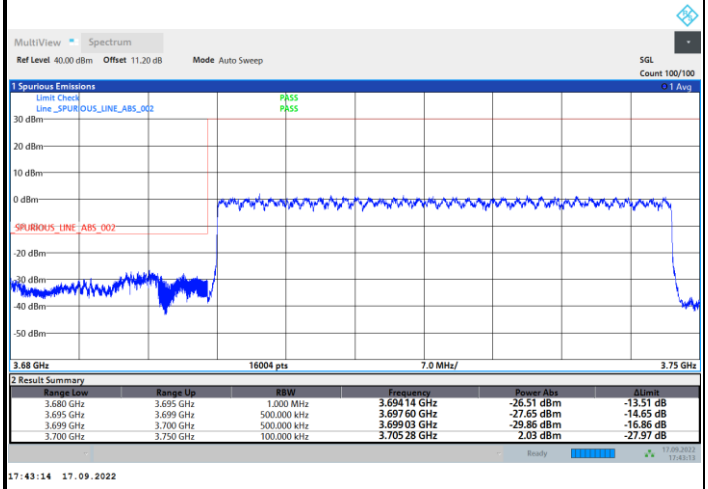



### Highest Band Edge

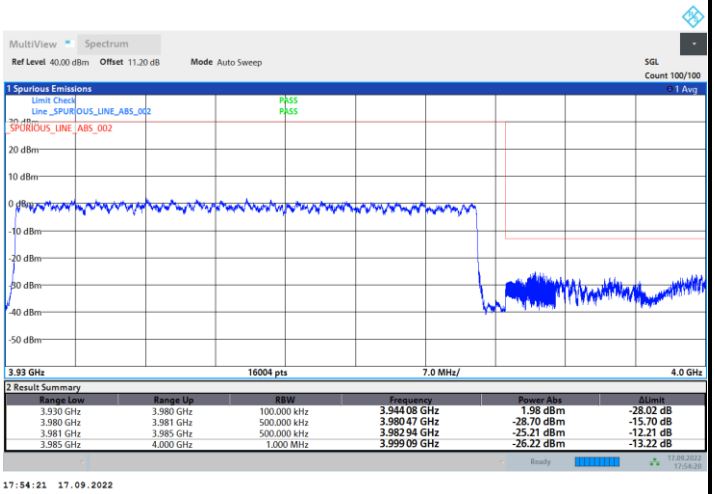


## FR1 n77 / 50MHz / DFT-S OFDM / PI/2 BPSK

### Lowest Band Edge / Full RB

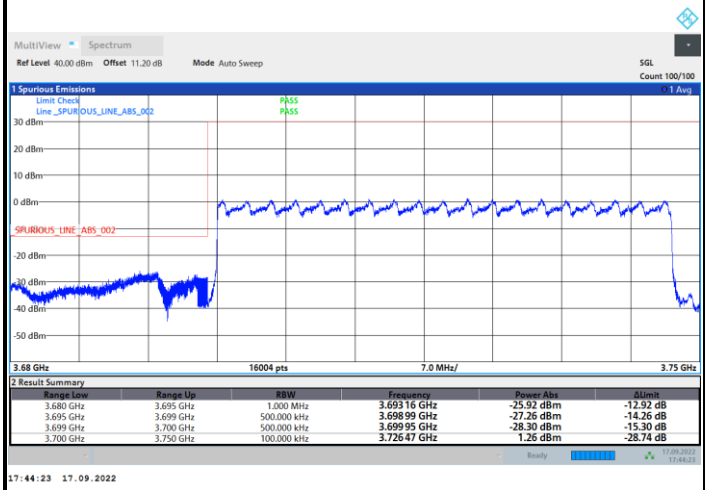



### Highest Band Edge / Full RB

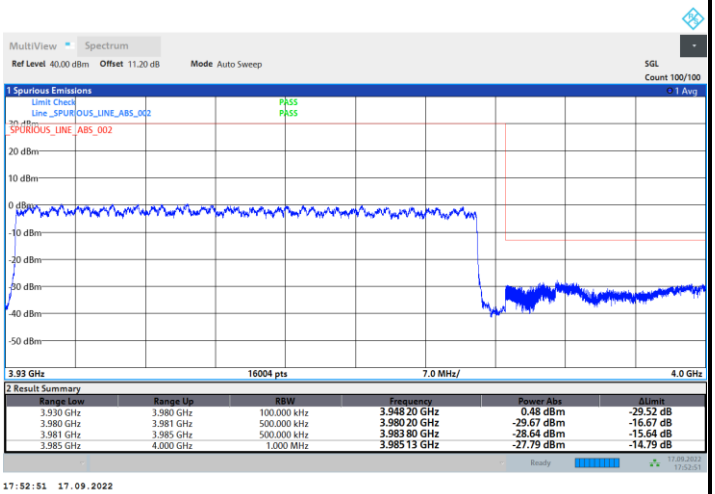



## FR1 n77 / 50MHz / DFT-S OFDM / QPSK

### Lowest Band Edge / Full RB

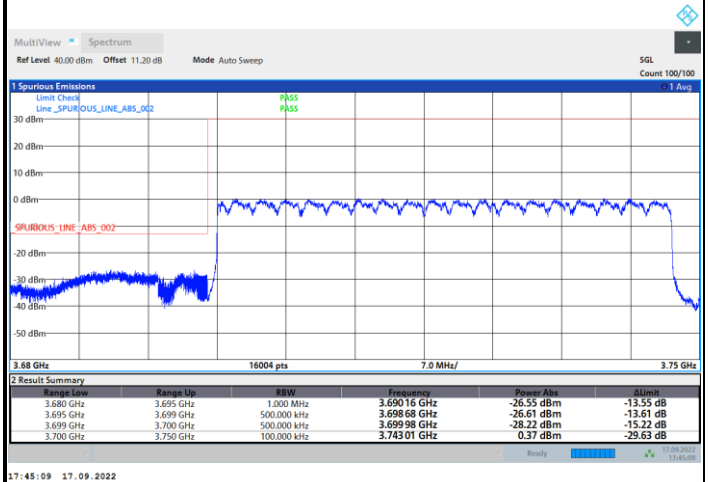



### Highest Band Edge / Full RB



## FR1 n77 / 50MHz / DFT-S OFDM / 16QAM

### Lowest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.680 GHz | 3.695 GHz | 1.000 MHz | 3.690 16 GHz | -26.55 dBm | -13.55 dB |
| 3.695 GHz | 3.699 GHz | 500.000 kHz | 3.698 68 GHz | -26.61 dBm | -13.61 dB |
| 3.699 GHz | 3.700 GHz | 500.000 kHz | 3.699 98 GHz | -28.22 dBm | -15.22 dB |
| 3.700 GHz | 3.750 GHz | 100.000 kHz | 3.743 01 GHz | 0.37 dBm | -29.63 dB |

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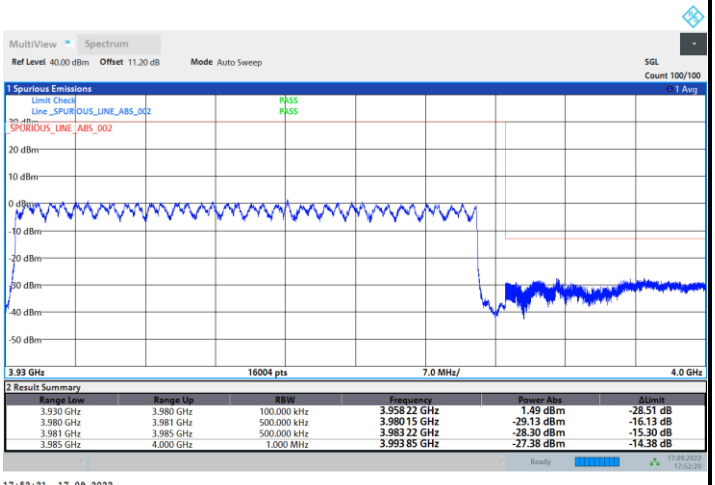
### Highest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.930 GHz | 3.980 GHz | 100.000 kHz | 3.958 22 GHz | 1.49 dBm | -28.51 dB |
| 3.980 GHz | 3.981 GHz | 500.000 kHz | 3.980 15 GHz | -29.13 dBm | -16.13 dB |
| 3.981 GHz | 3.985 GHz | 500.000 kHz | 3.983 22 GHz | -28.30 dBm | -15.30 dB |
| 3.985 GHz | 4.000 GHz | 1.000 MHz | 3.993 85 GHz | -27.38 dBm | -14.38 dB |

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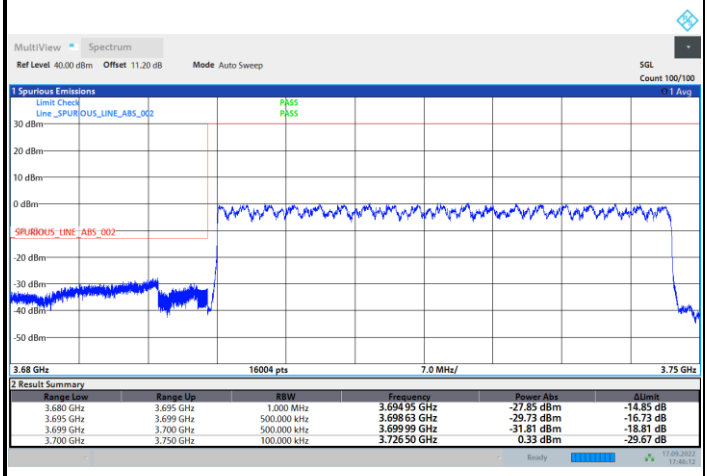
## FR1 n77 / 50MHz / DFT-S OFDM / 64QAM

### Lowest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.680 GHz | 3.695 GHz | 1.000 MHz | 3.694 95 GHz | -27.85 dBm | -14.85 dB |
| 3.695 GHz | 3.699 GHz | 500.000 kHz | 3.698 63 GHz | -29.73 dBm | -16.73 dB |
| 3.699 GHz | 3.700 GHz | 500.000 kHz | 3.699 99 GHz | -31.81 dBm | -18.81 dB |
| 3.700 GHz | 3.750 GHz | 100.000 kHz | 3.726 50 GHz | 0.33 dBm | -29.67 dB |

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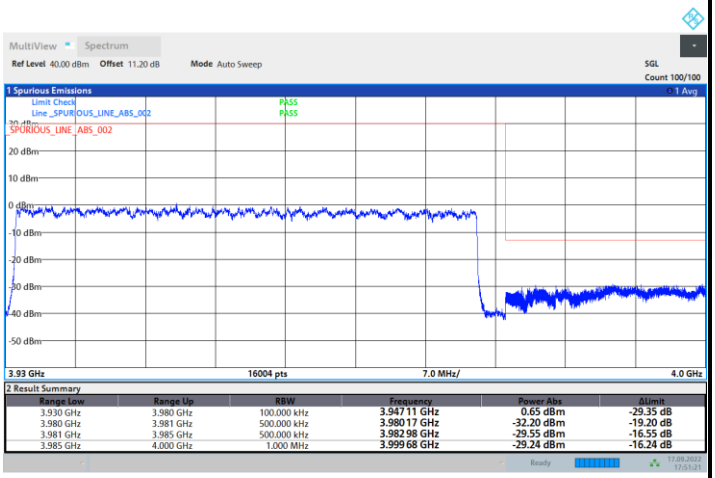
### Highest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.930 GHz | 3.980 GHz | 100.000 kHz | 3.947 11 GHz | 0.65 dBm | -29.35 dB |
| 3.980 GHz | 3.981 GHz | 500.000 kHz | 3.980 17 GHz | -32.20 dBm | -19.20 dB |
| 3.981 GHz | 3.985 GHz | 500.000 kHz | 3.982 98 GHz | -29.55 dBm | -16.55 dB |
| 3.985 GHz | 4.000 GHz | 1.000 MHz | 3.999 68 GHz | -29.24 dBm | -16.24 dB |

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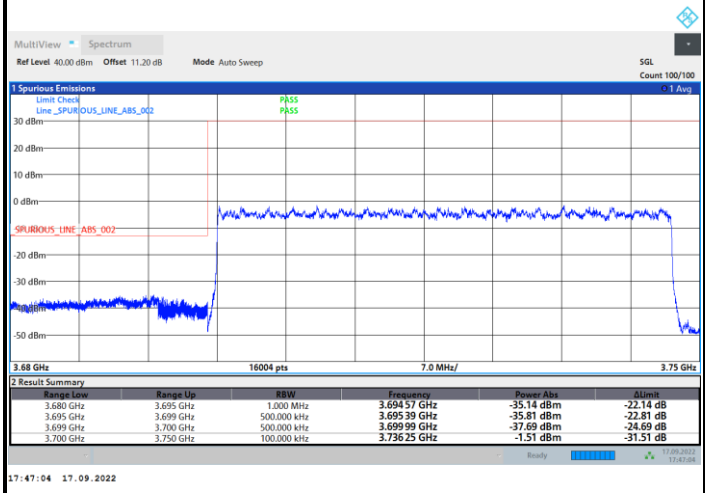
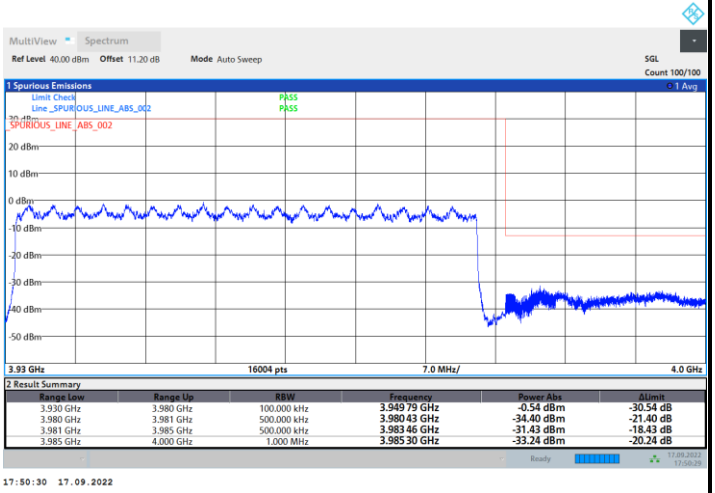
## FR1 n77 / 50MHz / DFT-S OFDM / 256QAM

### Lowest Band Edge / Full RB

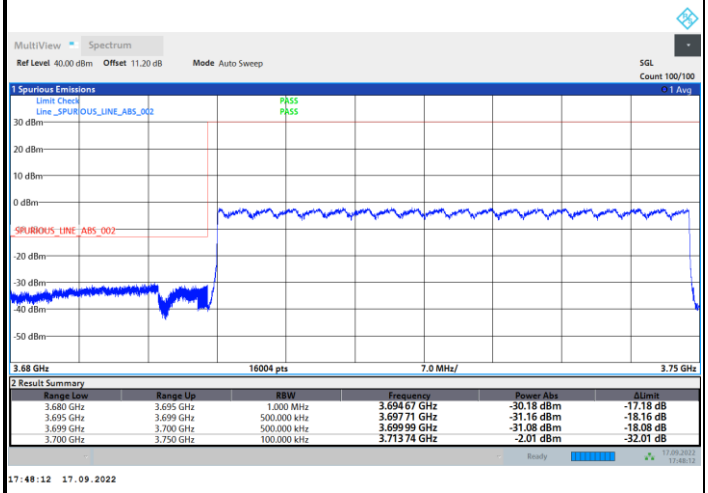



### Highest Band Edge / Full RB

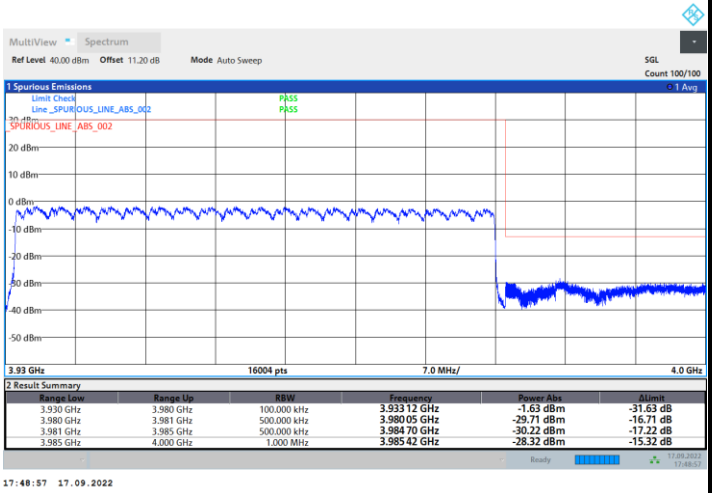



## FR1 n77 / 50MHz / CP OFDM / QPSK / Full RB

### Lowest Band Edge

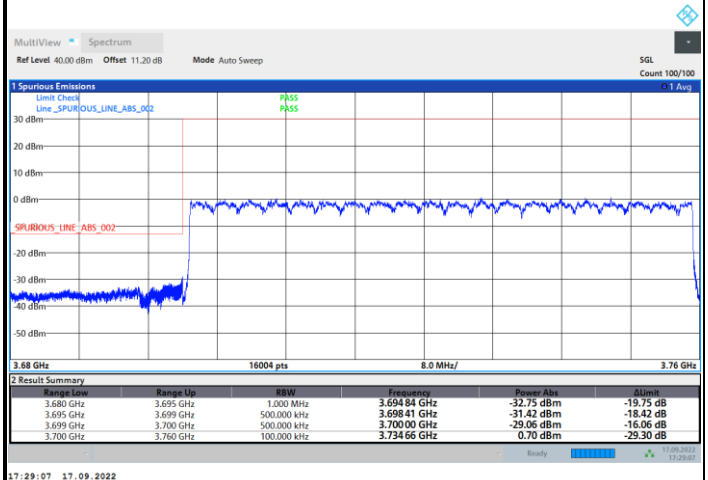



### Highest Band Edge



## FR1 n77 / 60MHz / DFT-S OFDM / PI/2 BPSK

### Lowest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.680 GHz | 3.695 GHz | 1.000 MHz | 3.694 84 GHz | -32.75 dBm | -19.75 dB |
| 3.695 GHz | 3.699 GHz | 500.000 kHz | 3.698 41 GHz | -31.42 dBm | -18.42 dB |
| 3.699 GHz | 3.700 GHz | 500.000 kHz | 3.700 00 GHz | -29.06 dBm | -16.06 dB |
| 3.700 GHz | 3.760 GHz | 100.000 kHz | 3.734 66 GHz | 0.70 dBm | -29.30 dB |

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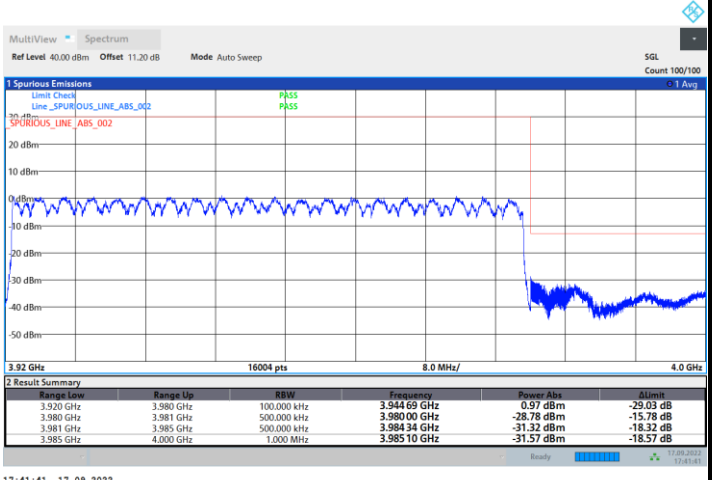
### Highest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.920 GHz | 3.980 GHz | 100.000 kHz | 3.944 69 GHz | 0.97 dBm | -29.03 dB |
| 3.980 GHz | 3.981 GHz | 500.000 kHz | 3.980 00 GHz | -28.78 dBm | -15.78 dB |
| 3.981 GHz | 3.985 GHz | 500.000 kHz | 3.984 34 GHz | -31.32 dBm | -18.32 dB |
| 3.985 GHz | 4.000 GHz | 1.000 MHz | 3.985 10 GHz | -31.57 dBm | -18.57 dB |

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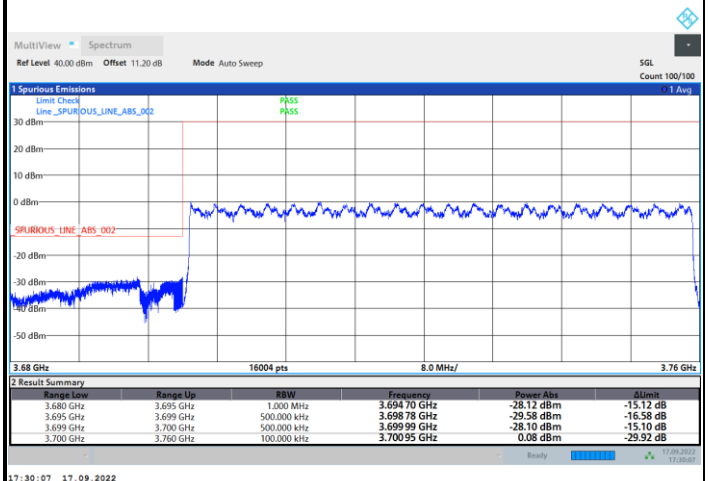
## FR1 n77 / 60MHz / DFT-S OFDM / QPSK

### Lowest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.680 GHz | 3.695 GHz | 1.000 MHz | 3.694 70 GHz | -28.12 dBm | -15.12 dB |
| 3.695 GHz | 3.699 GHz | 500.000 kHz | 3.698 78 GHz | -29.58 dBm | -16.58 dB |
| 3.699 GHz | 3.700 GHz | 500.000 kHz | 3.699 99 GHz | -28.10 dBm | -15.10 dB |
| 3.700 GHz | 3.760 GHz | 100.000 kHz | 3.700 95 GHz | 0.08 dBm | -29.92 dB |

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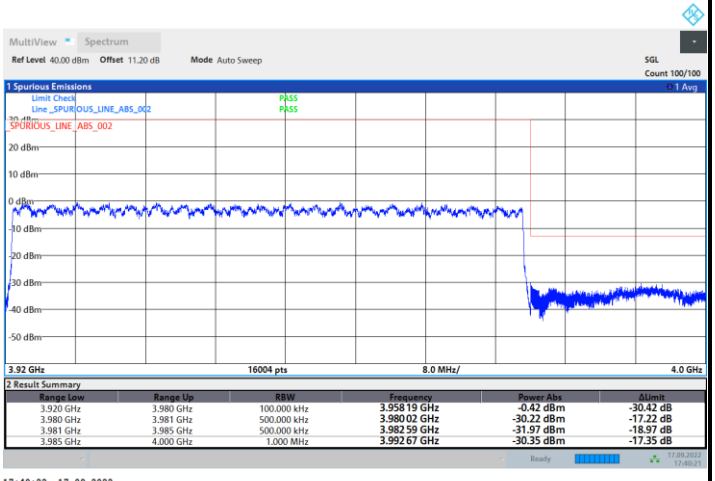
### Highest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.920 GHz | 3.980 GHz | 100.000 kHz | 3.958 19 GHz | -0.42 dBm | -30.42 dB |
| 3.980 GHz | 3.981 GHz | 500.000 kHz | 3.980 02 GHz | -30.22 dBm | -17.22 dB |
| 3.981 GHz | 3.985 GHz | 500.000 kHz | 3.982 59 GHz | -31.97 dBm | -18.97 dB |
| 3.985 GHz | 4.000 GHz | 1.000 MHz | 3.992 67 GHz | -30.35 dBm | -17.35 dB |

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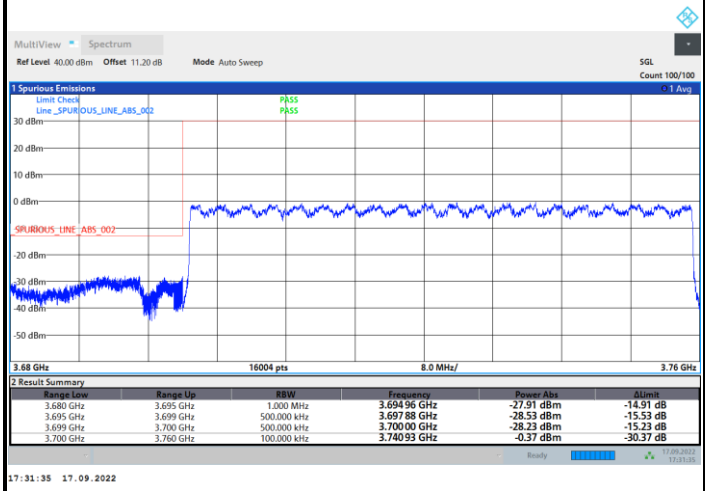
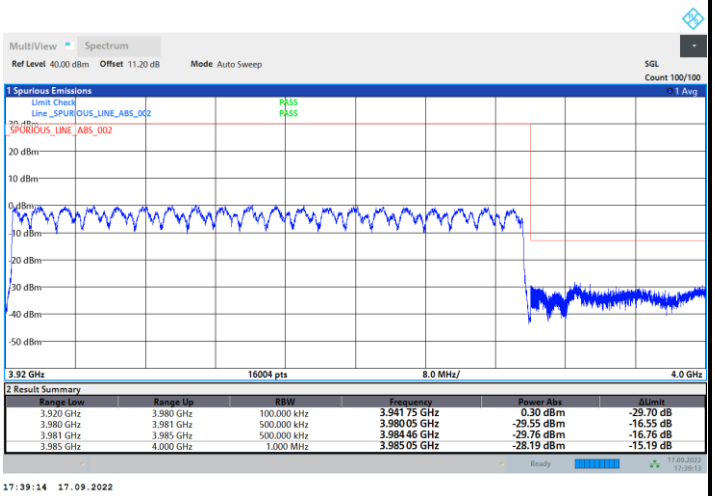
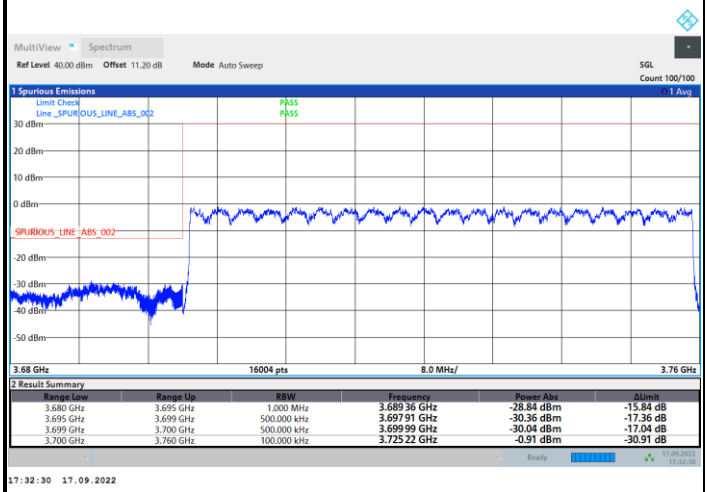
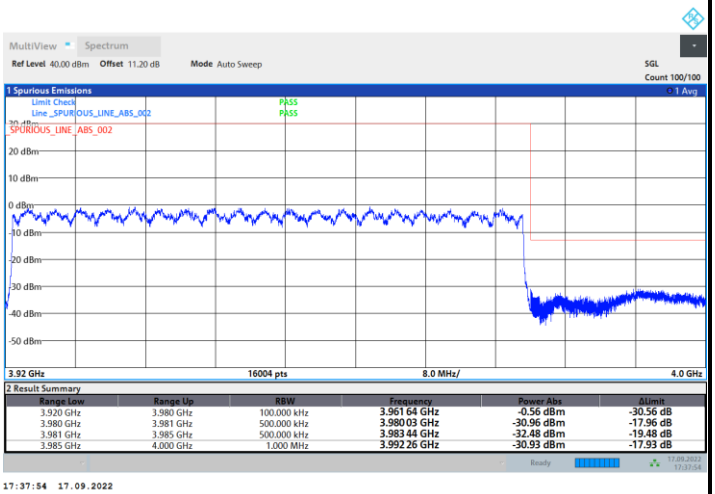
| FR1 n77 / 60MHz / DFT-S OFDM / 16QAM | |
|---|---|
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

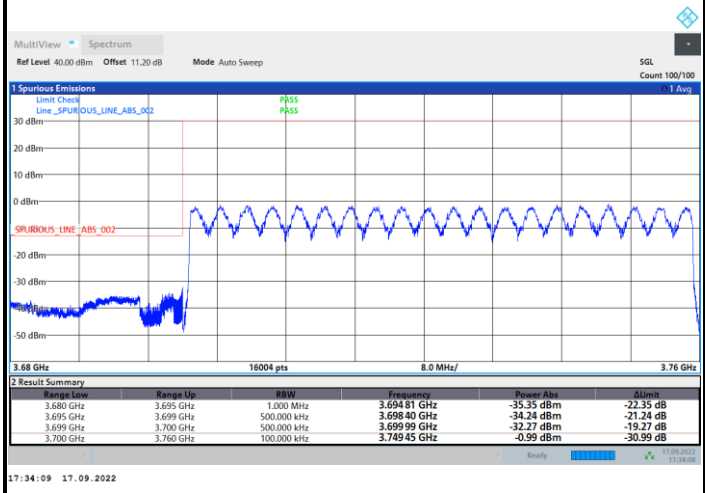




| FR1 n77 / 60MHz / DFT-S OFDM / 64QAM | |
|---|---|
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

## FR1 n77 / 60MHz / DFT-S OFDM / 256QAM

### Lowest Band Edge / Full RB




2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.680 GHz | 3.695 GHz | 1.000 MHz | 3.694 81 GHz | -35.35 dBm | -22.35 dB |
| 3.695 GHz | 3.699 GHz | 500.000 kHz | 3.698 40 GHz | -34.24 dBm | -21.24 dB |
| 3.699 GHz | 3.700 GHz | 500.000 kHz | 3.699 99 GHz | -32.27 dBm | -19.27 dB |
| 3.700 GHz | 3.760 GHz | 100.000 kHz | 3.749 45 GHz | -0.99 dBm | -30.99 dB |

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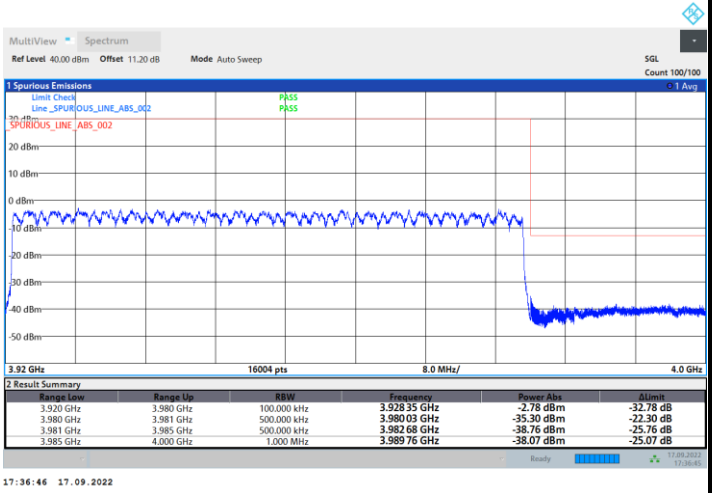
### Highest Band Edge / Full RB



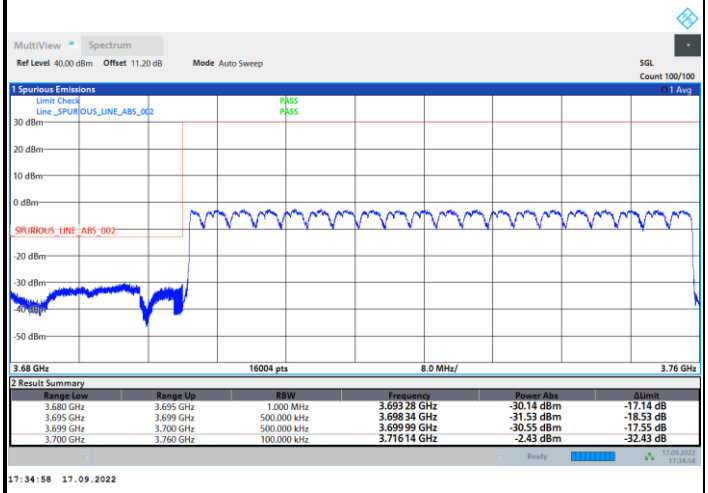

2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.920 GHz | 3.980 GHz | 100.000 kHz | 3.928 35 GHz | -2.78 dBm | -32.78 dB |
| 3.980 GHz | 3.981 GHz | 500.000 kHz | 3.980 03 GHz | -35.30 dBm | -22.30 dB |
| 3.981 GHz | 3.985 GHz | 500.000 kHz | 3.982 68 GHz | -38.76 dBm | -25.76 dB |
| 3.985 GHz | 4.000 GHz | 1.000 MHz | 3.989 76 GHz | -38.07 dBm | -25.07 dB |

17:36:46 17.09.2022

## FR1 n77 / 60MHz / CP OFDM / QPSK / Full RB

### Lowest Band Edge

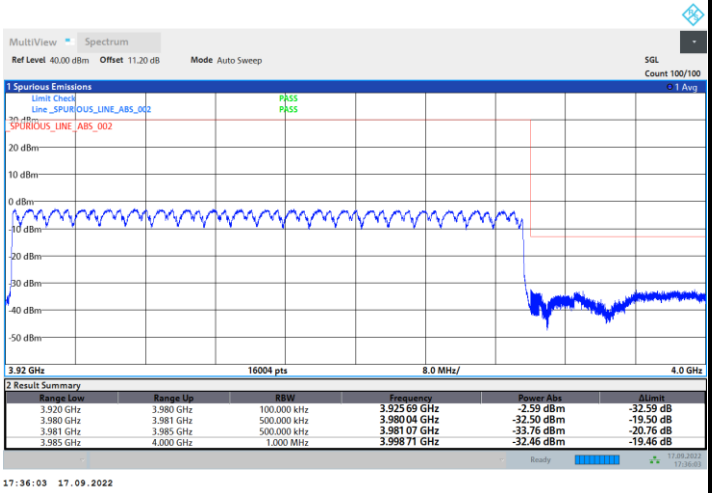



2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.680 GHz | 3.695 GHz | 1.000 MHz | 3.693 28 GHz | -30.14 dBm | -17.14 dB |
| 3.695 GHz | 3.699 GHz | 500.000 kHz | 3.698 34 GHz | -31.53 dBm | -18.53 dB |
| 3.699 GHz | 3.700 GHz | 500.000 kHz | 3.699 99 GHz | -30.55 dBm | -17.55 dB |
| 3.700 GHz | 3.760 GHz | 100.000 kHz | 3.716 14 GHz | -2.43 dBm | -32.43 dB |

17:34:58 17.09.2022

### Highest Band Edge



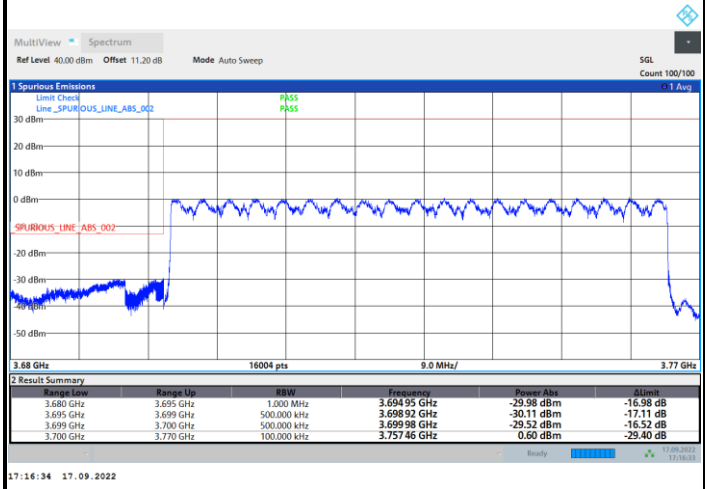

2 Result Summary

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 3.920 GHz | 3.980 GHz | 100.000 kHz | 3.925 69 GHz | -2.59 dBm | -32.59 dB |
| 3.980 GHz | 3.981 GHz | 500.000 kHz | 3.980 04 GHz | -32.50 dBm | -19.50 dB |
| 3.981 GHz | 3.985 GHz | 500.000 kHz | 3.981 07 GHz | -33.76 dBm | -20.76 dB |
| 3.985 GHz | 4.000 GHz | 1.000 MHz | 3.998 71 GHz | -32.46 dBm | -19.46 dB |

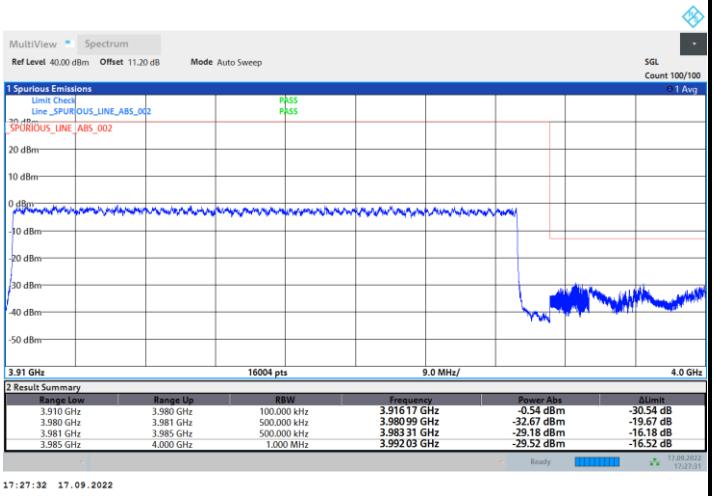
17:36:03 17.09.2022

## FR1 n77 / 70MHz / DFT-S OFDM / PI/2 BPSK

### Lowest Band Edge / Full RB

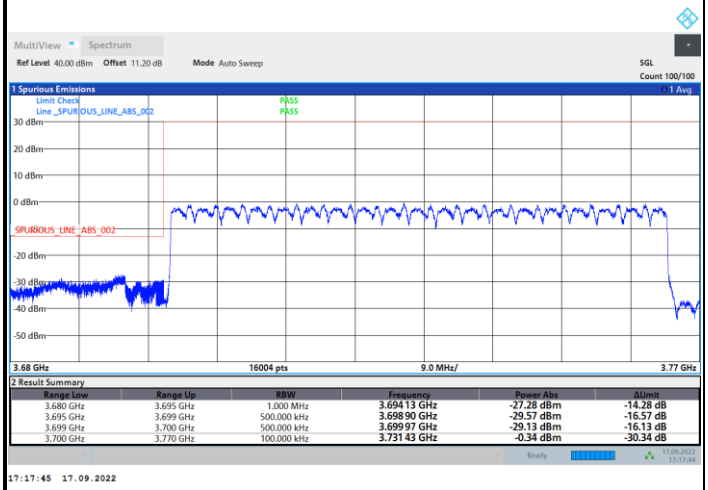



### Highest Band Edge / Full RB

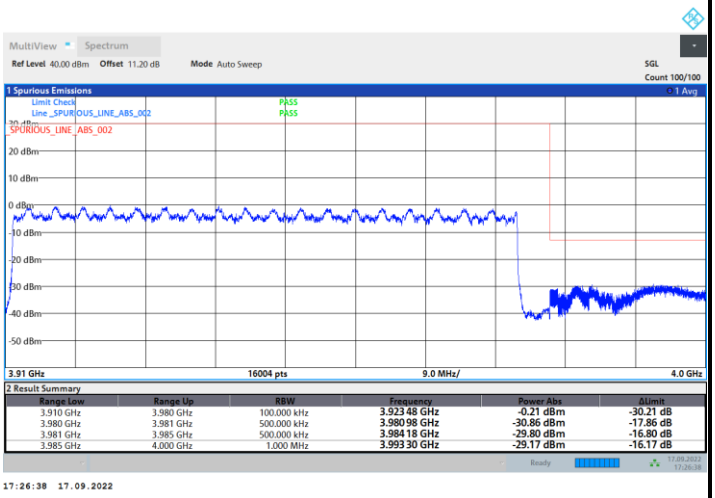



## FR1 n77 / 70MHz / DFT-S OFDM / QPSK

### Lowest Band Edge / Full RB

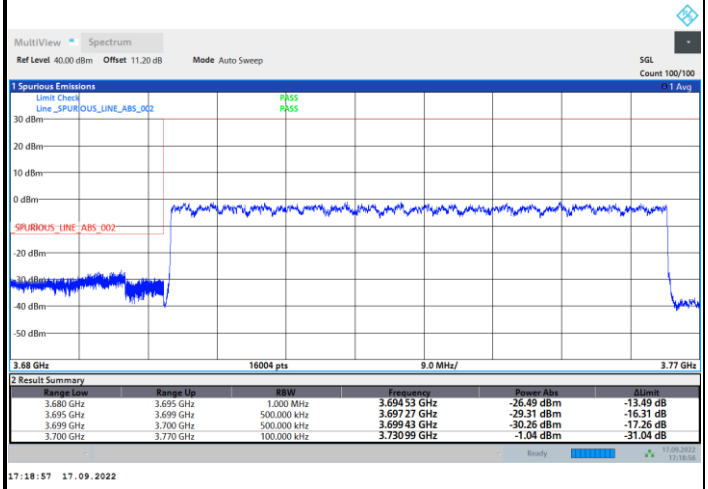



### Highest Band Edge / Full RB

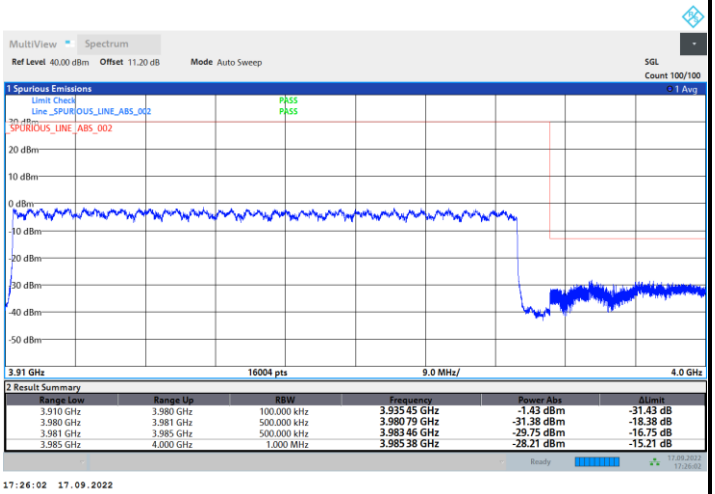


## FR1 n77 / 70MHz / DFT-S OFDM / 16QAM

### Lowest Band Edge / Full RB

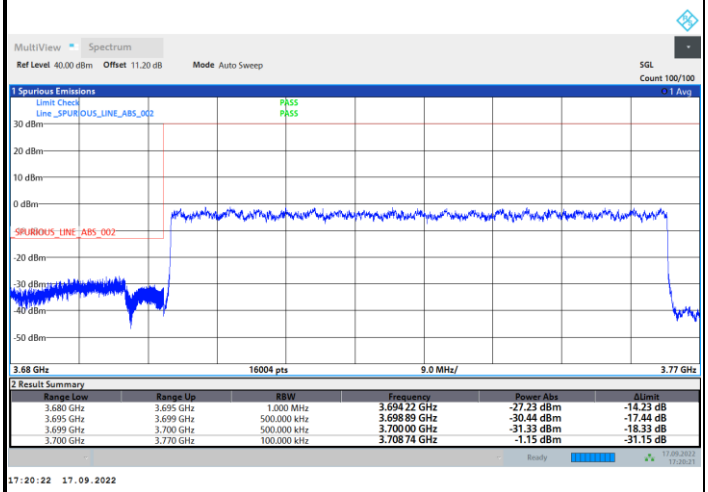


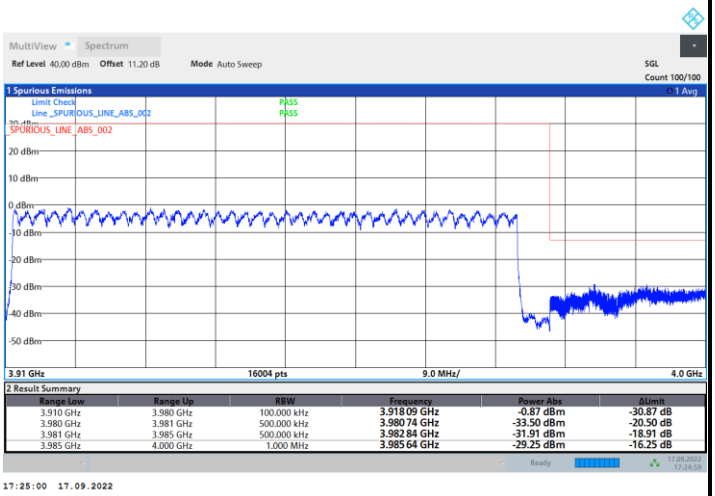

### Highest Band Edge / Full RB




## FR1 n77 / 70MHz / DFT-S OFDM / 64QAM

### Lowest Band Edge / Full RB




### Highest Band Edge / Full RB