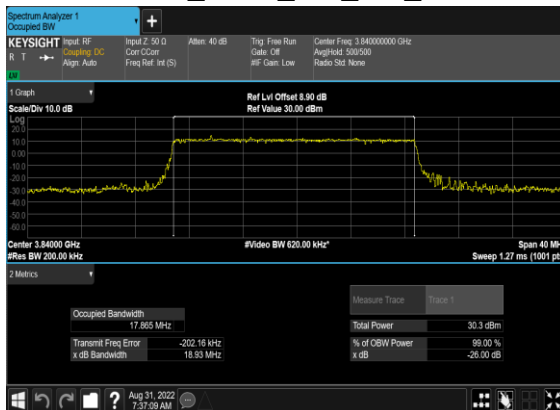
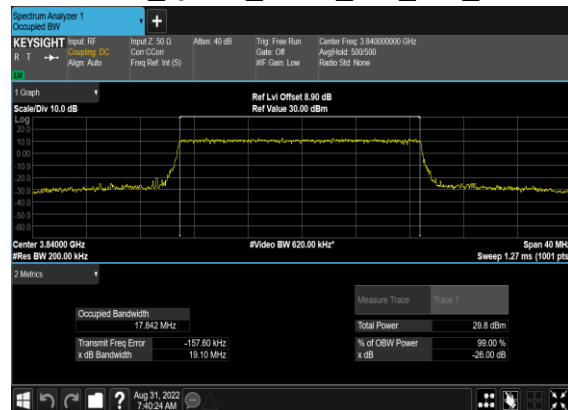


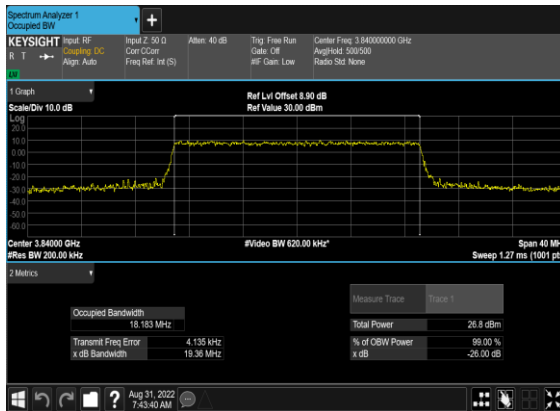
N77(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



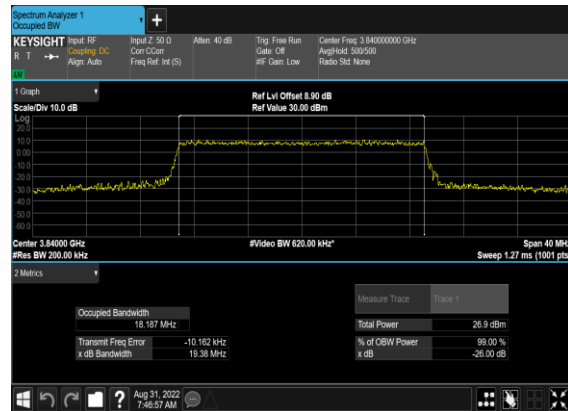
N77(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



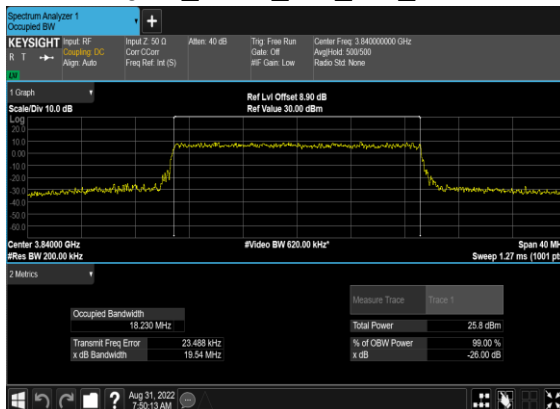
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



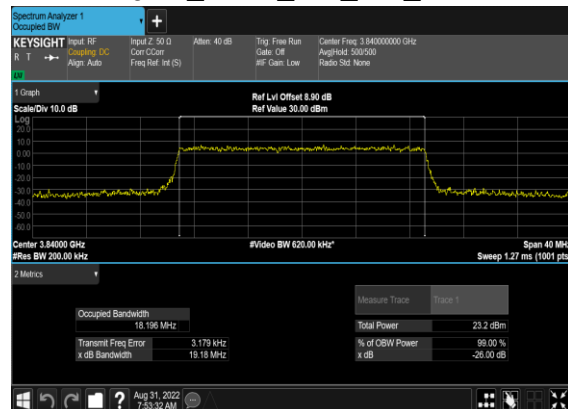
N77(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



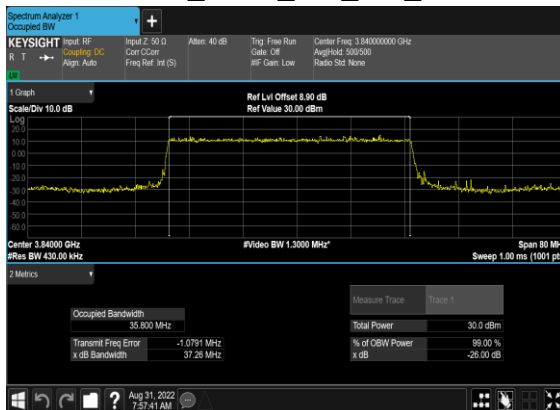
N77(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



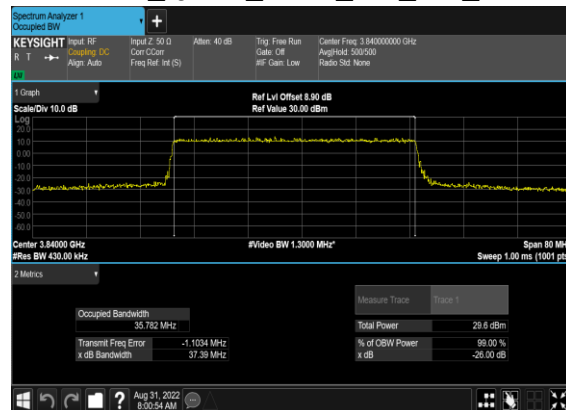
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QAM\_Outer\_Full\_Mid\_CH



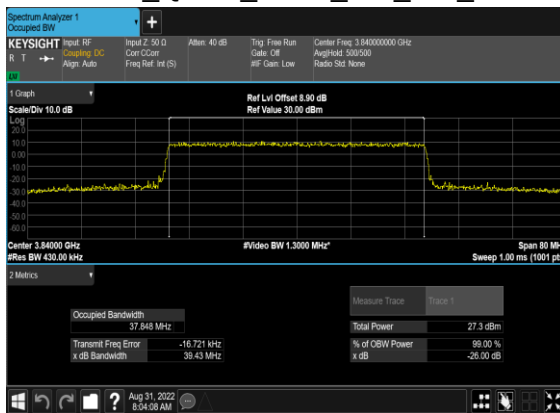
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BPSK\_Outer\_Full\_Mid\_CH



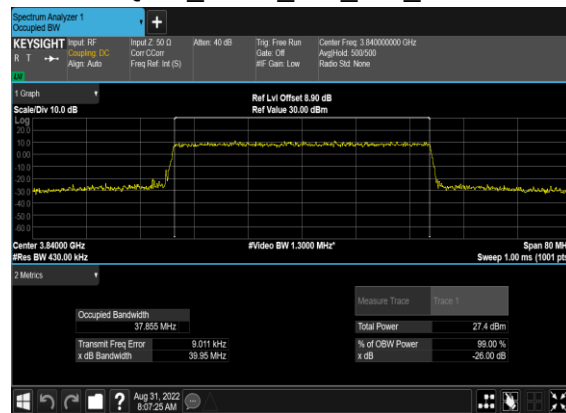
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



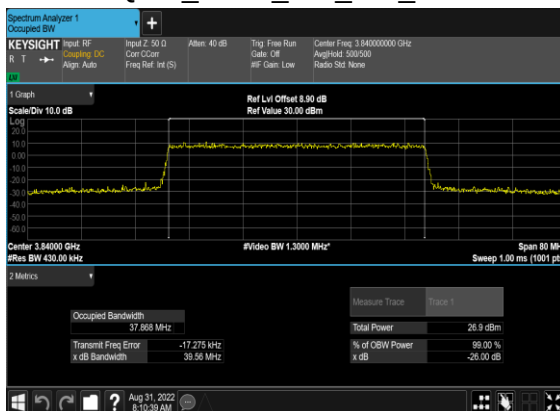
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



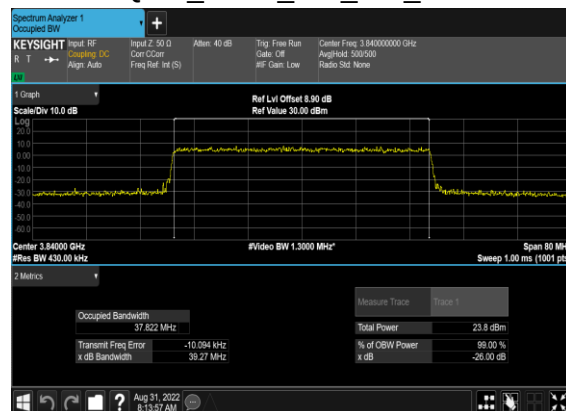
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QAM\_Outer\_Full\_Mid\_CH



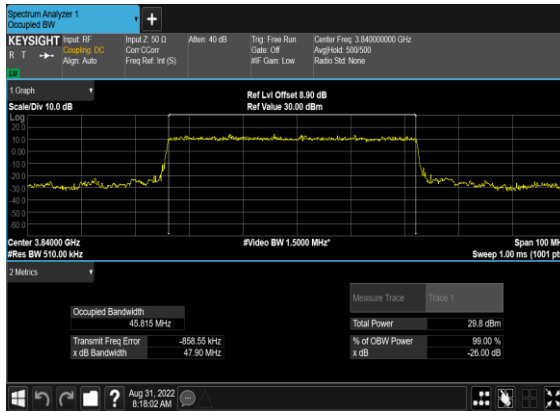
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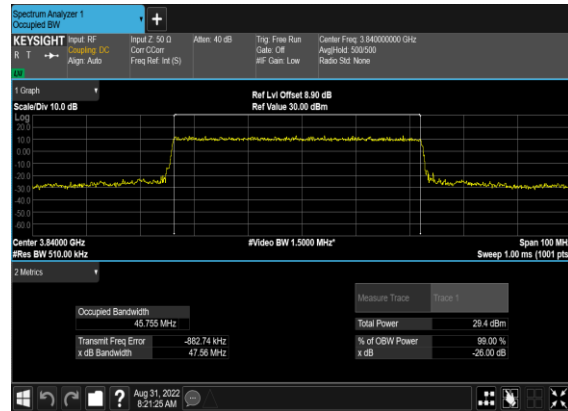
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QAM\_Outer\_Full\_Mid\_CH



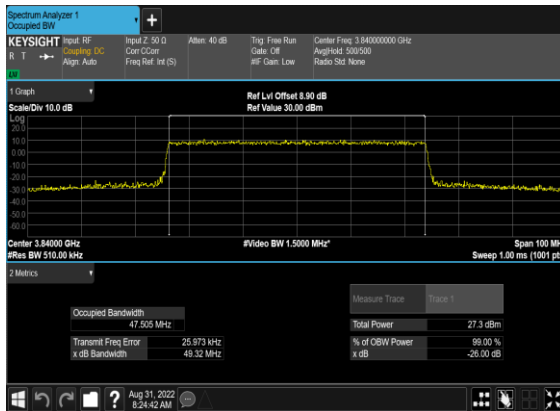
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BPSK\_Outer\_Full\_Mid\_CH



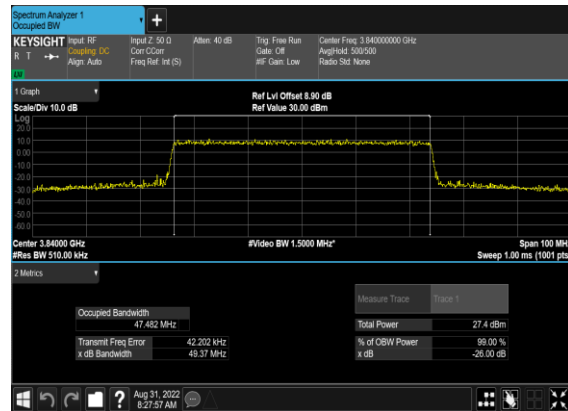
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



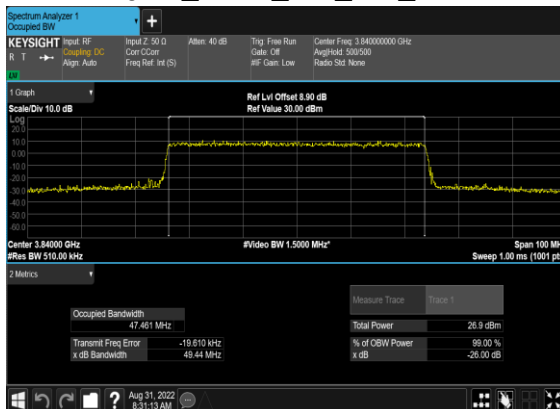
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



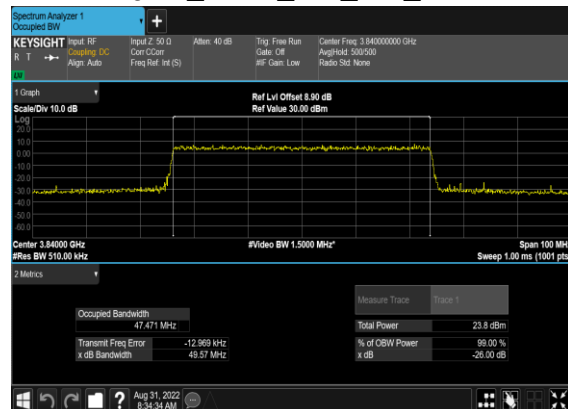
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QAM\_Outer\_Full\_Mid\_CH



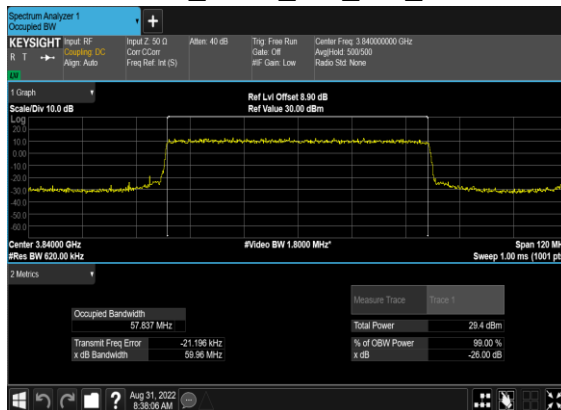
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QAM\_Outer\_Full\_Mid\_CH



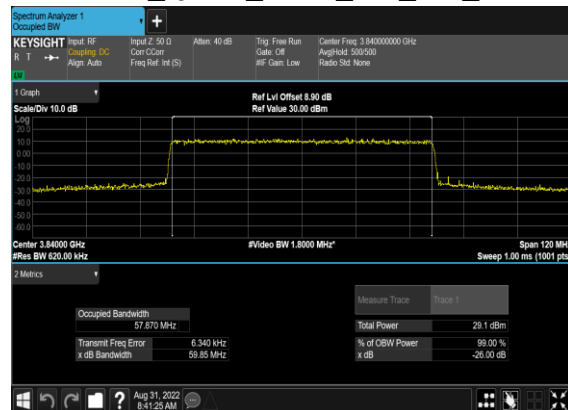
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QAM\_Outer\_Full\_Mid\_CH



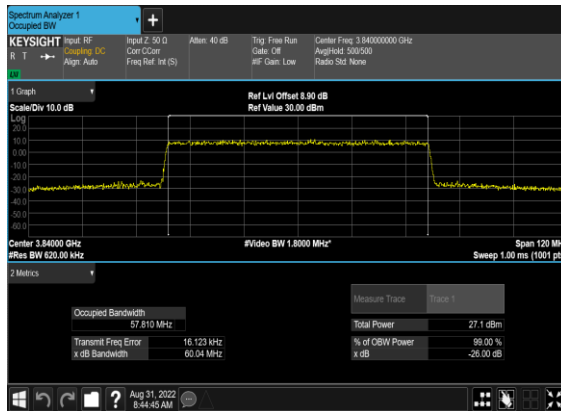
N77(60M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



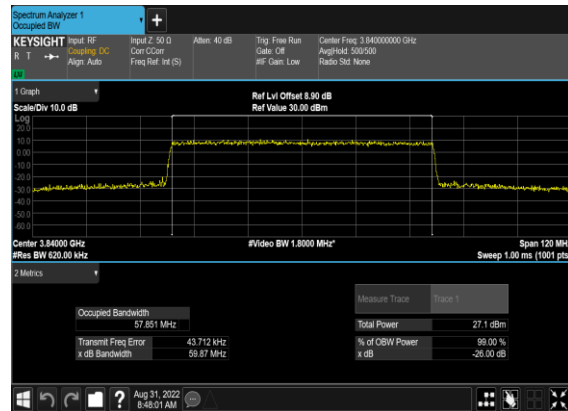
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



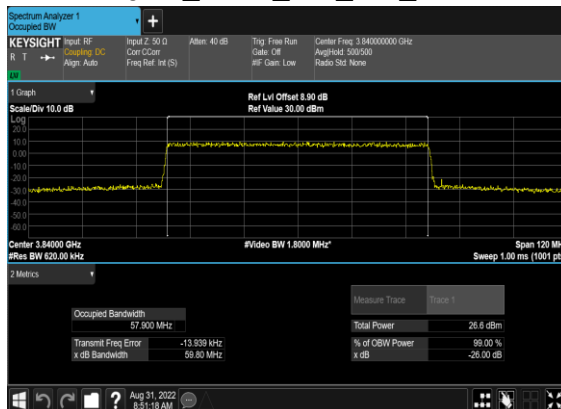
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



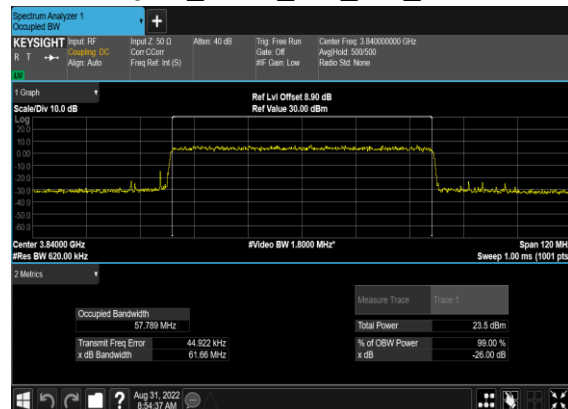
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QAM\_Outer\_Full\_Mid\_CH



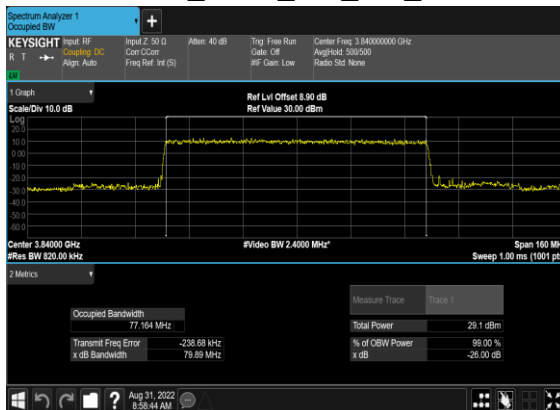
N77(60M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



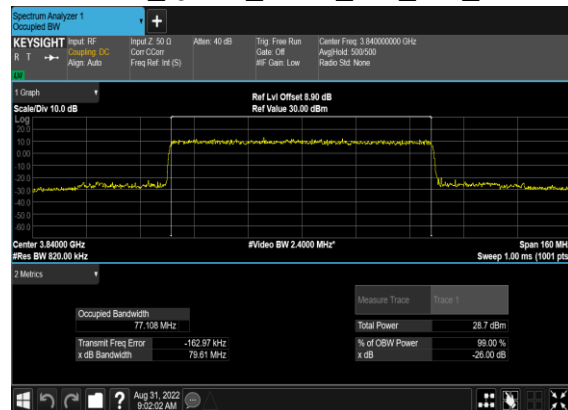
N77(60M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



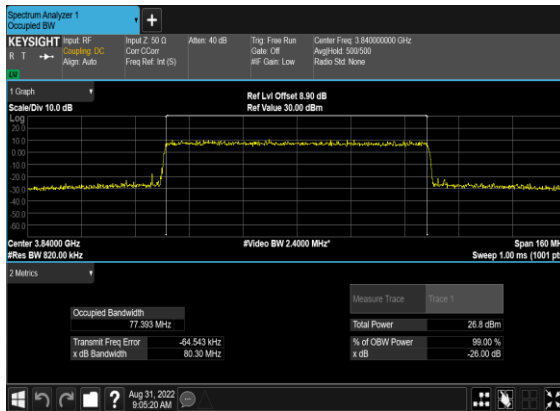
N77(80M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



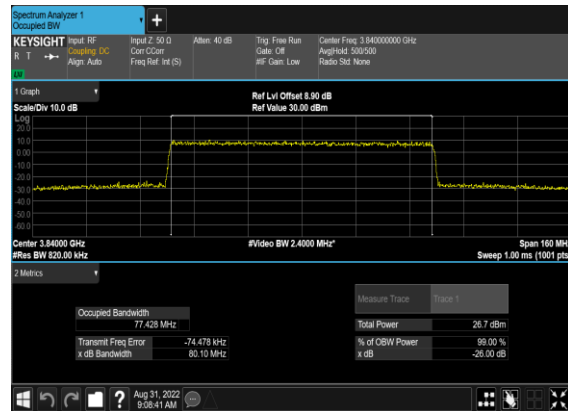
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



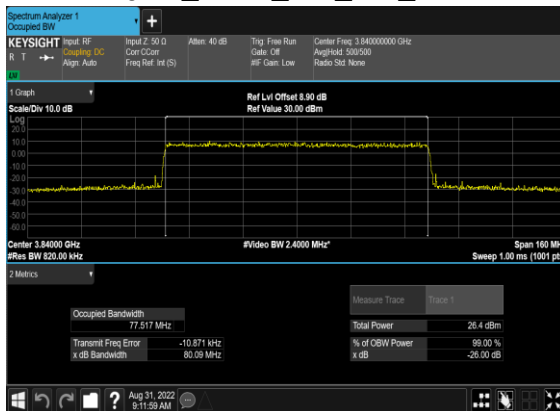
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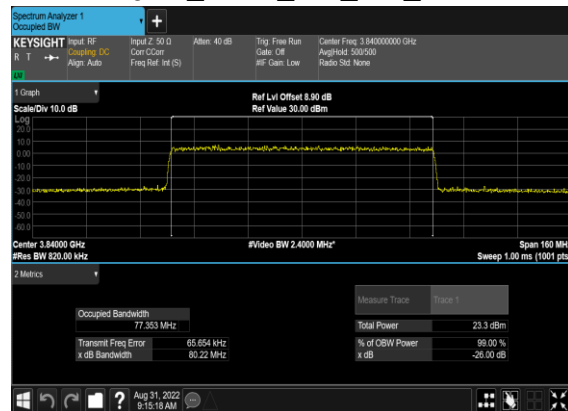
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QAM\_Outer\_Full\_Mid\_CH



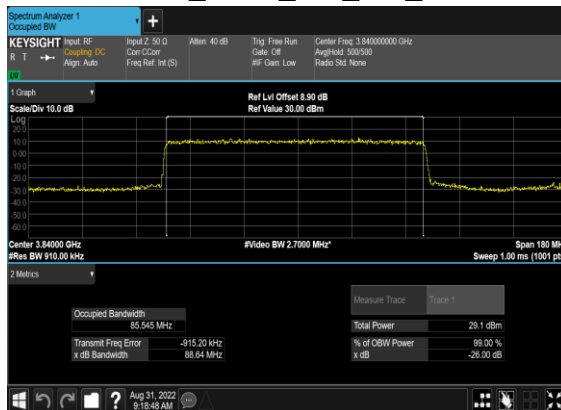
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QAM\_Outer\_Full\_Mid\_CH



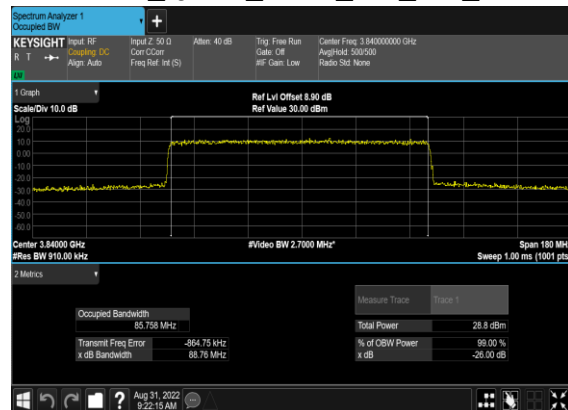
N77(80M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



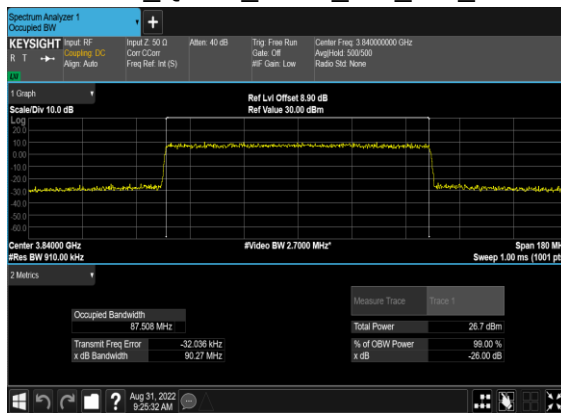
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BPSK\_Outer\_Full\_Mid\_CH



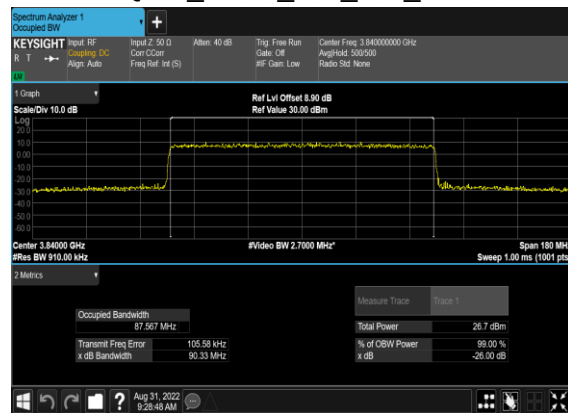
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



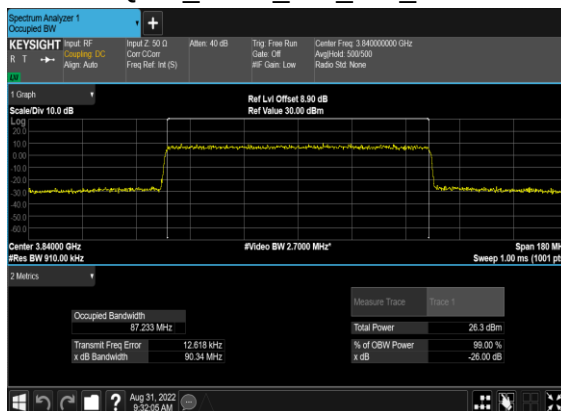
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



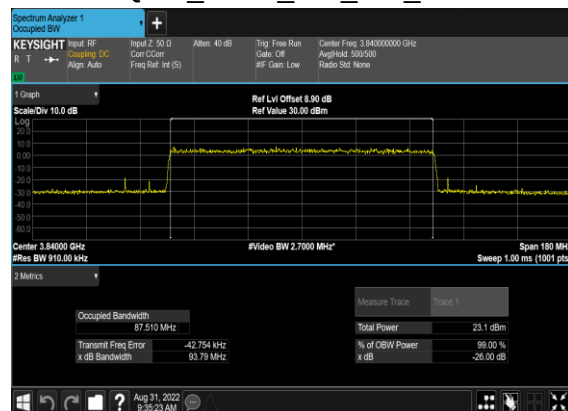
N77(90M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



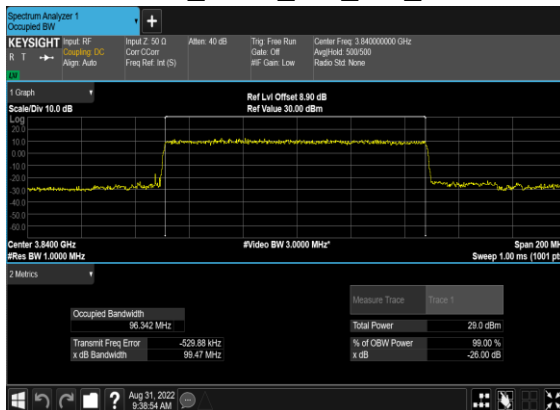
N77(90M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



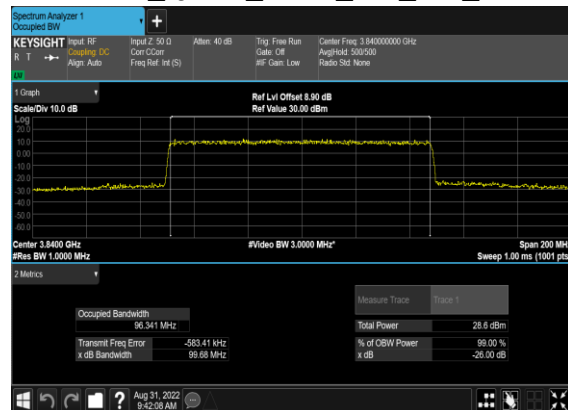
N77(90M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



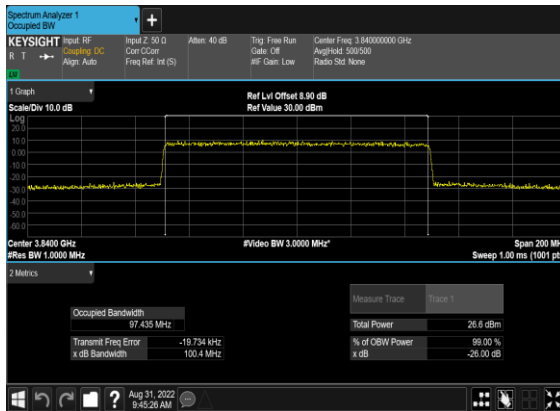
## N77(100M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



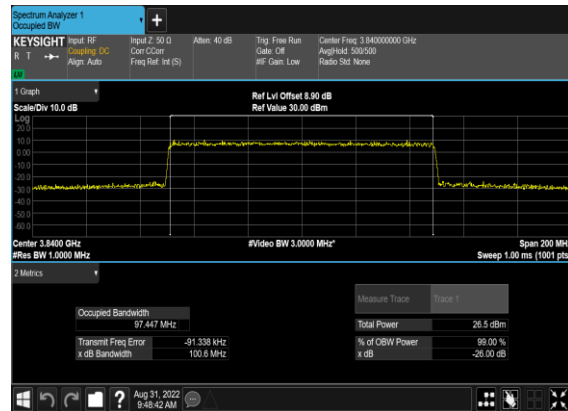
## N77(100M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



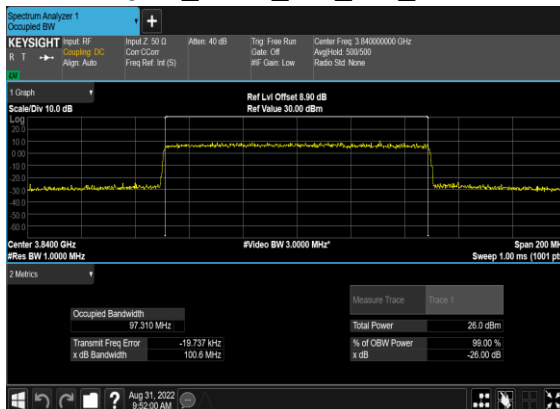
## N77(100M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



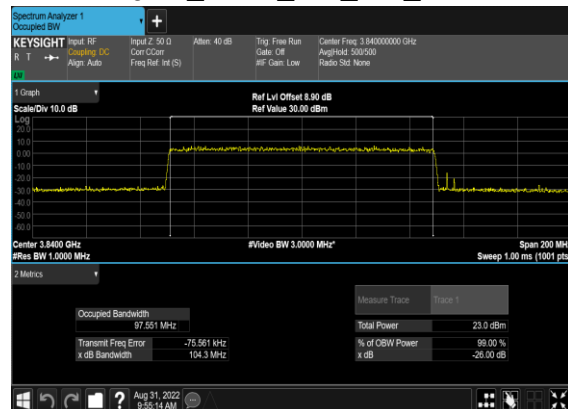
## N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



## N77(100M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



## N77(100M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



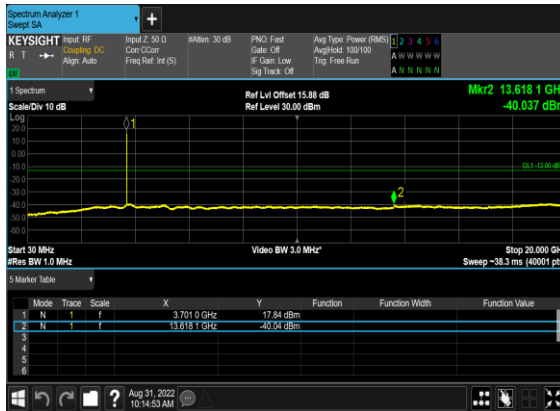
## Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
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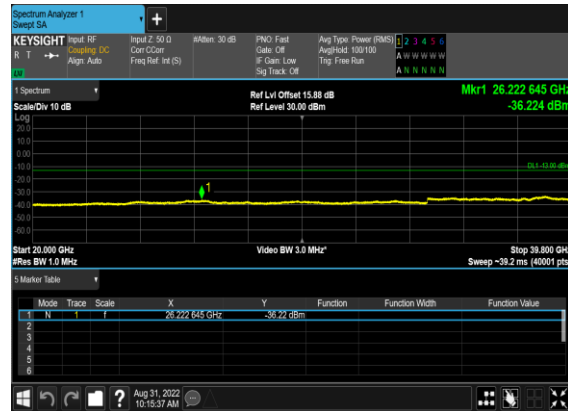
|    |    |     |        |         |                 |     |           |      |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|
| 77 | 30 | 50  | 648334 | 3725.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 648334 | 3725.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 656000 | 3840.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |

|    |    |     |        |        |                 |     |           |      |
|----|----|-----|--------|--------|-----------------|-----|-----------|------|
| 77 | 30 | 100 | 656000 | 3840.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 656000 | 3840.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |

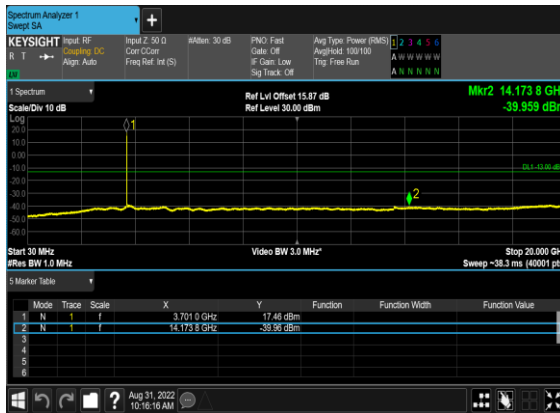
# N77(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



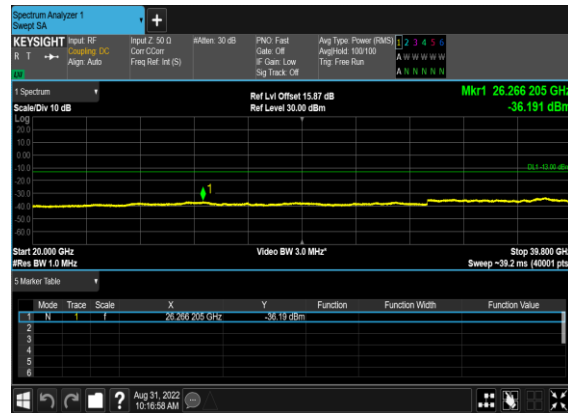
# N77(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



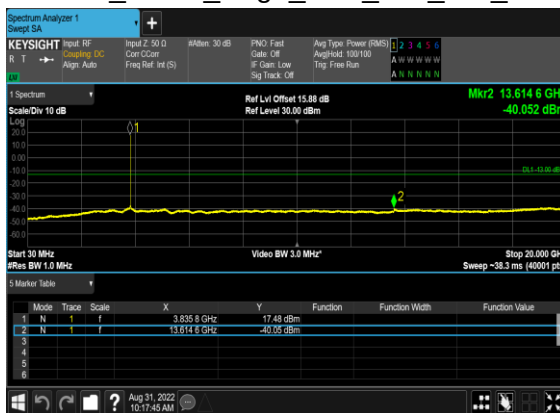
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



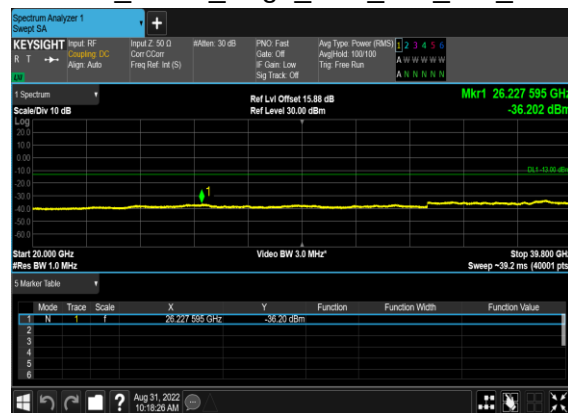
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



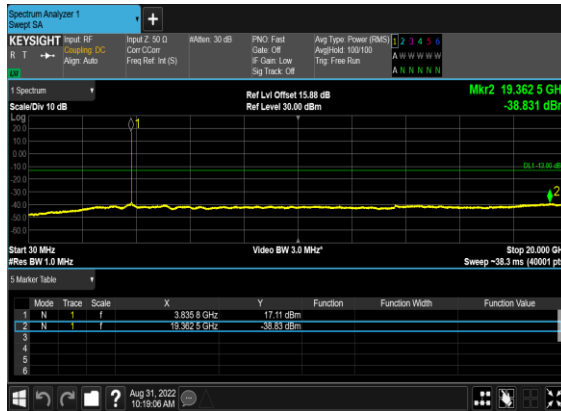
# N77(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



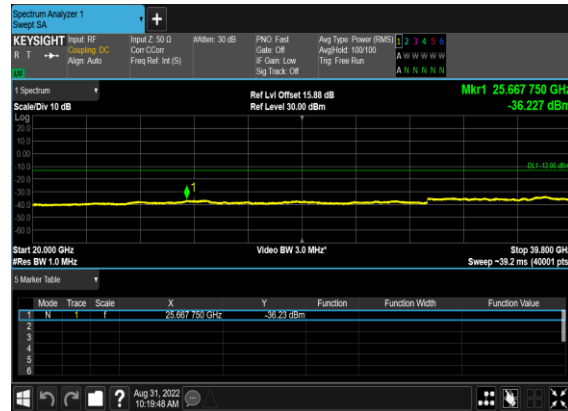
# N77(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



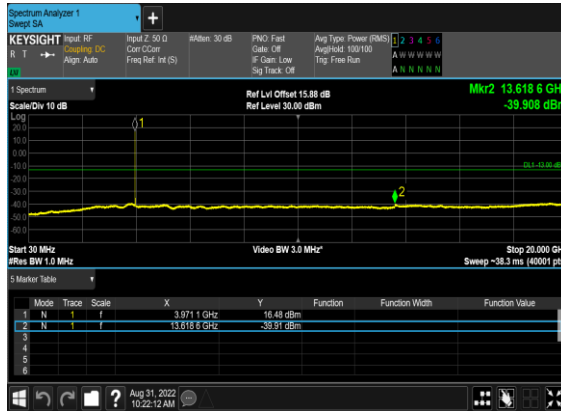
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



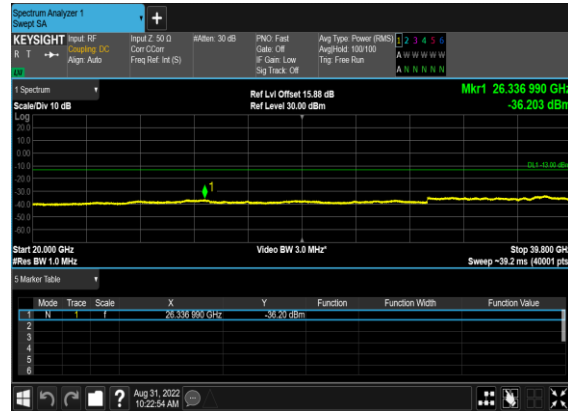
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



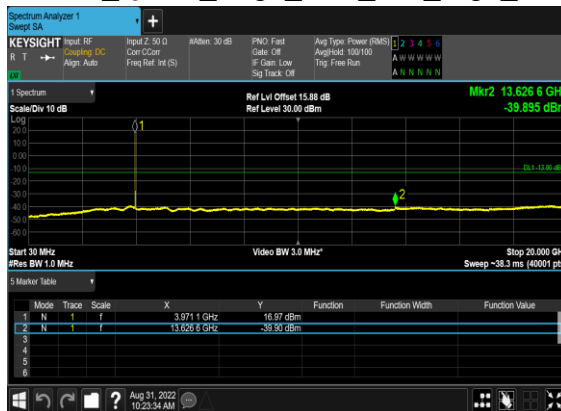
# N77(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



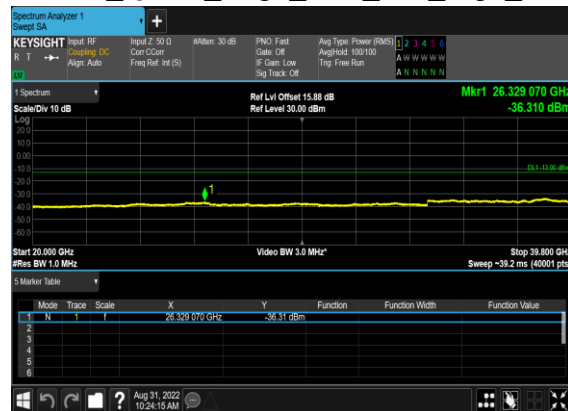
# N77(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



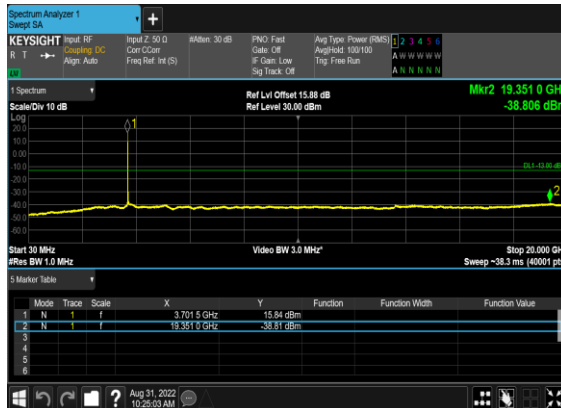
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



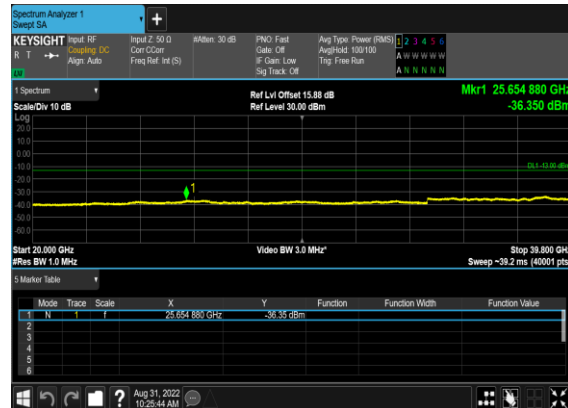
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



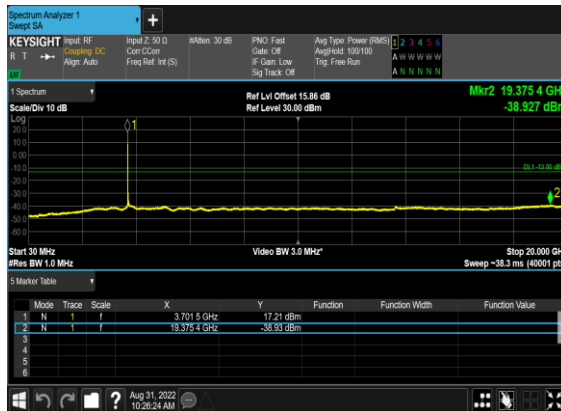
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



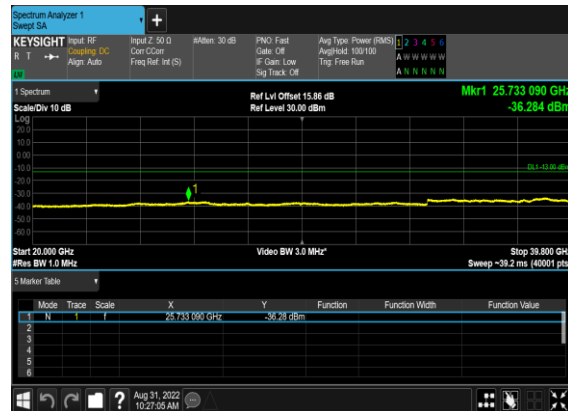
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



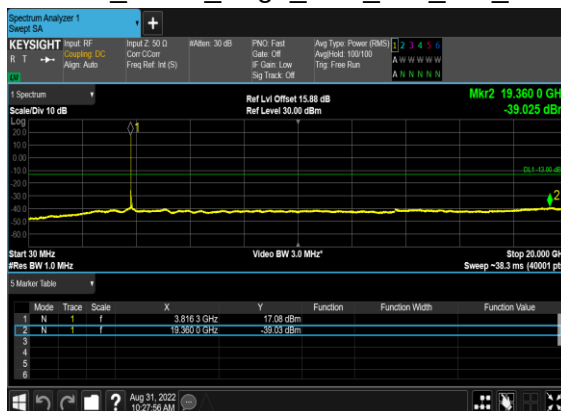
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



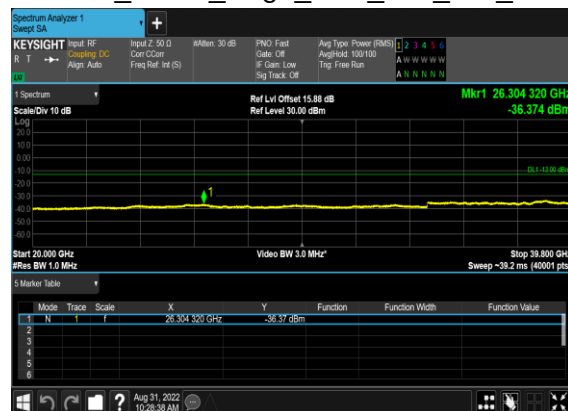
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



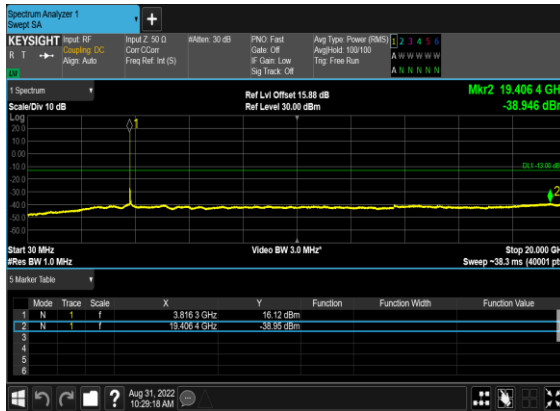
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



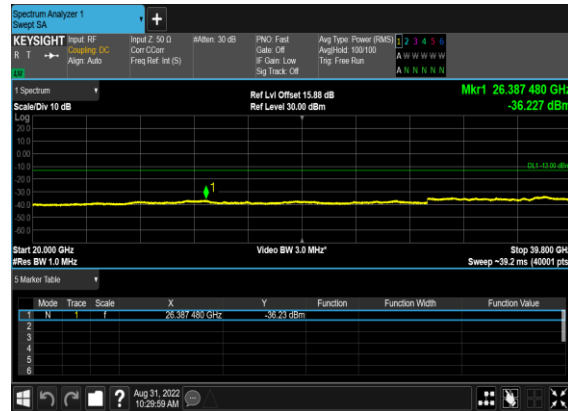
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



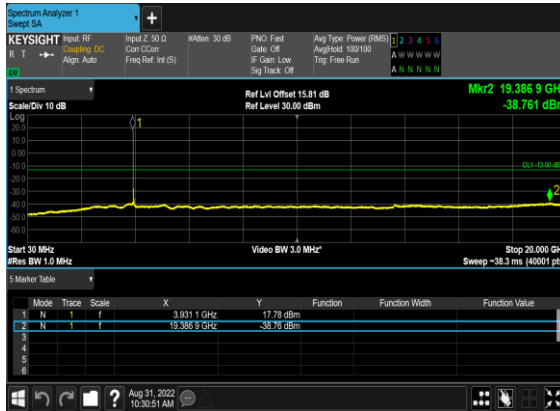
# N77(50M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



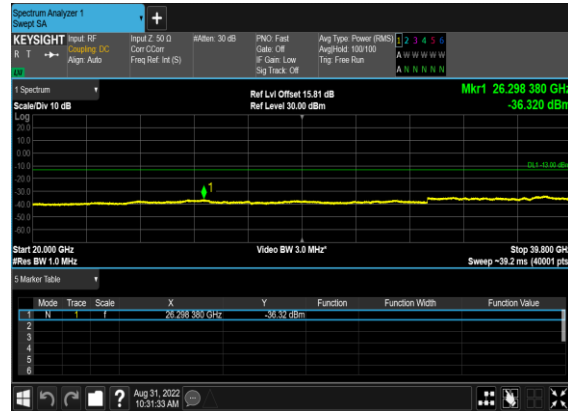
# N77(50M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



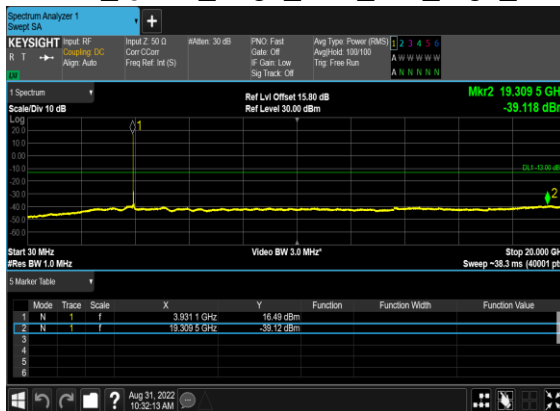
# N77(50M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



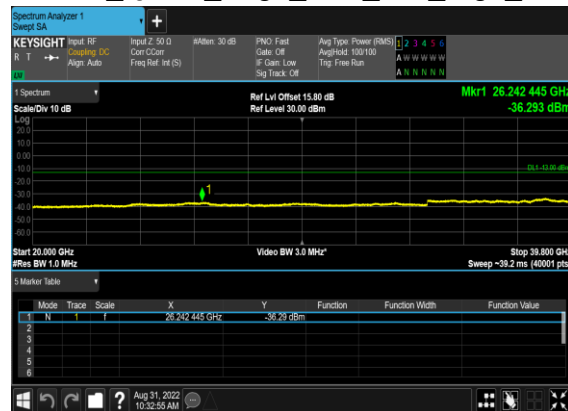
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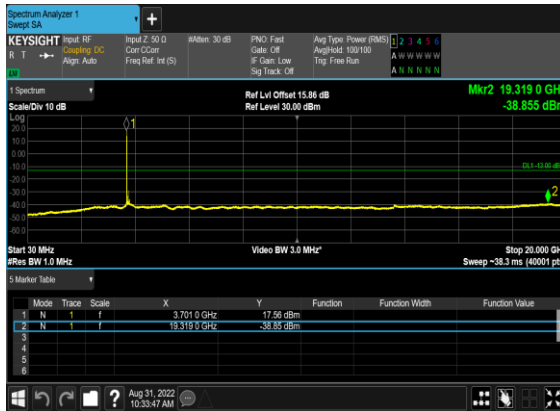
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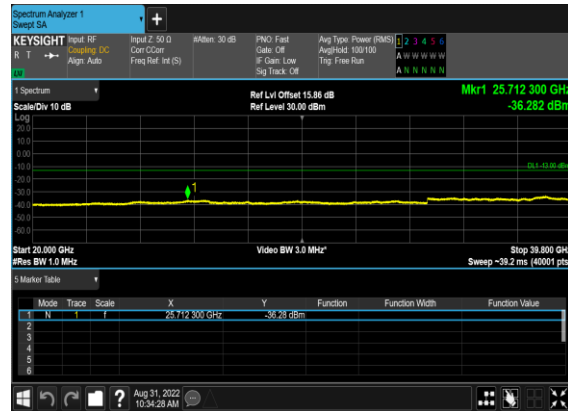
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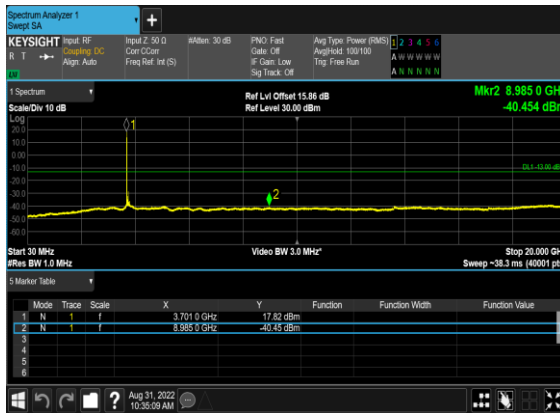
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



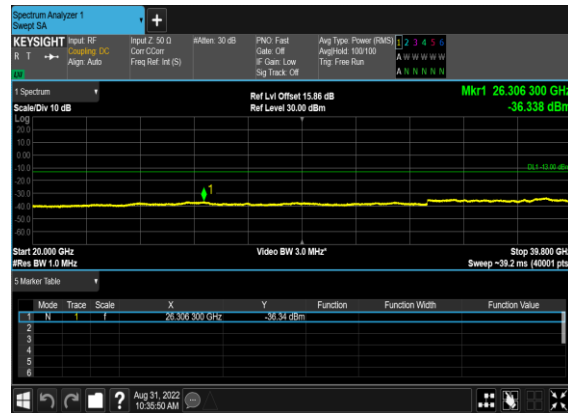
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



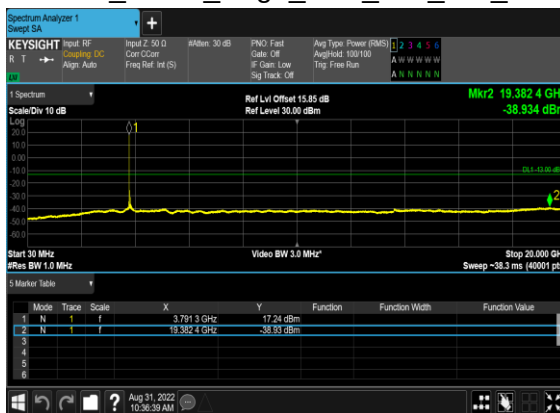
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



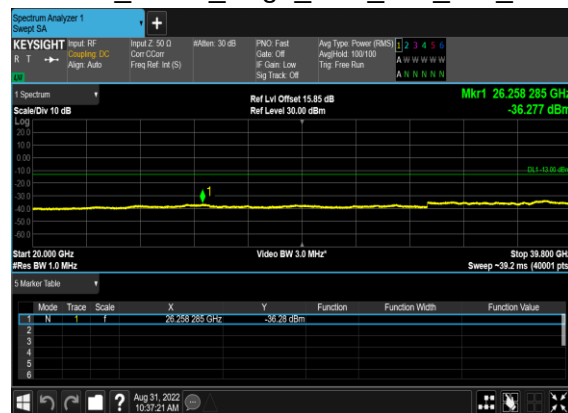
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



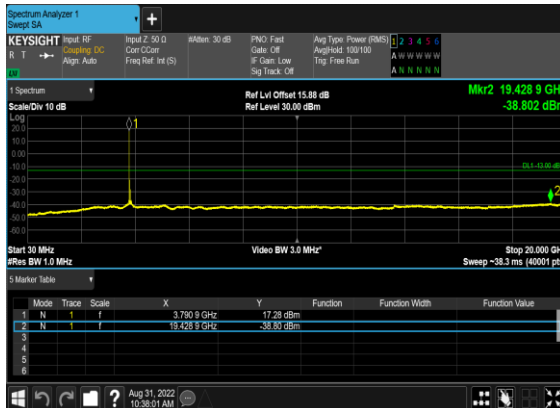
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



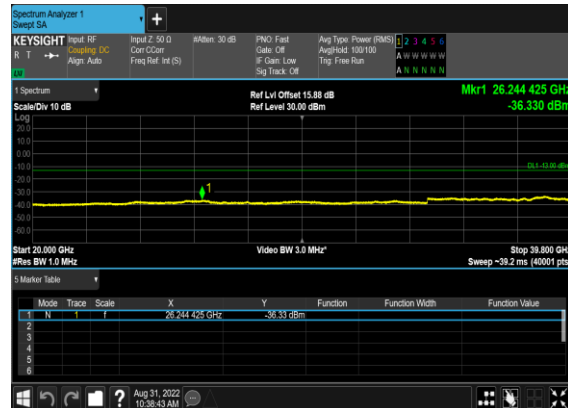
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



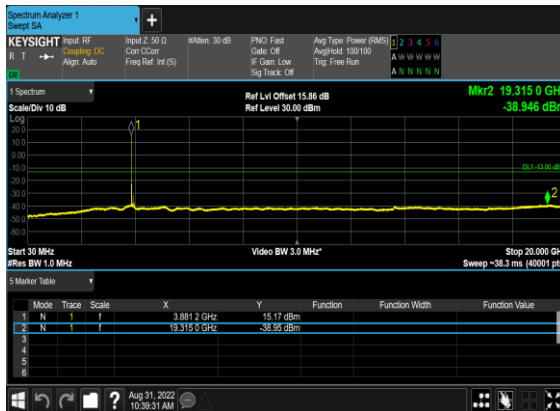
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



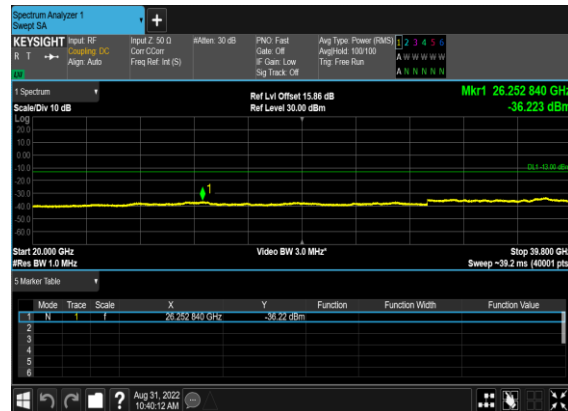
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



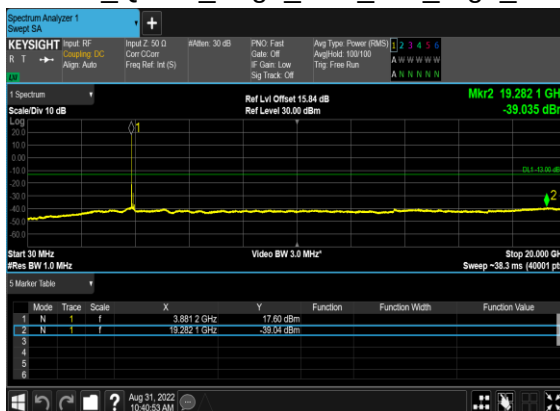
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



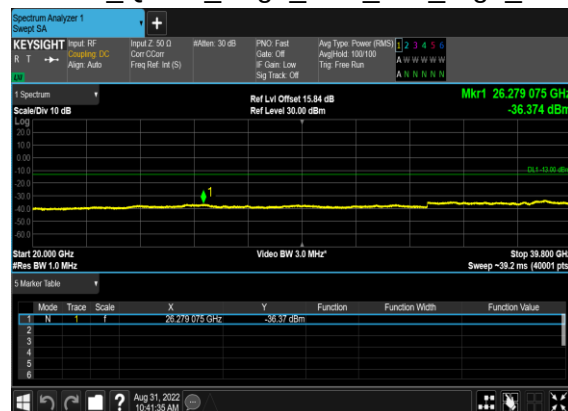
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM BPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM QPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM BPSK | 1@23  | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM QPSK | 1@23  | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM BPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM QPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM BPSK | 128@0 | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM QPSK | 128@0 | see graph | PASS    |
| 77      | 30        | 50              | 663666 | 3954.99    | DFT-s-OFDM BPSK | 1@132 | see graph | PASS    |
| 77      | 30        | 50              | 663666 | 3954.99    | DFT-s-OFDM QPSK | 1@132 | see graph | PASS    |
| 77      | 30        | 50              | 663666 | 3954.99    | DFT-s-OFDM BPSK | 128@0 | see graph | PASS    |
| 77      | 30        | 50              | 663666 | 3954.99    | DFT-s-OFDM QPSK | 128@0 | see graph | PASS    |
| 77      | 30        | 100             | 650000 | 3750.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 100             | 650000 | 3750.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 100             | 650000 | 3750.0     | DFT-s-OFDM BPSK | 270@0 | see graph | PASS    |
| 77      | 30        | 100             | 650000 | 3750.0     | DFT-s-OFDM QPSK | 270@0 | see graph | PASS    |
| 77      | 30        | 100             | 662000 | 3930.0     | DFT-s-OFDM BPSK | 1@272 | see graph | PASS    |
| 77      | 30        | 100             | 662000 | 3930.0     | DFT-s-OFDM QPSK | 1@272 | see graph | PASS    |
| 77      | 30        | 100             | 662000 | 3930.0     | DFT-s-OFDM BPSK | 270@0 | see graph | PASS    |
| 77      | 30        | 100             | 662000 | 3930.0     | DFT-s-OFDM QPSK | 270@0 | see graph | PASS    |

N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



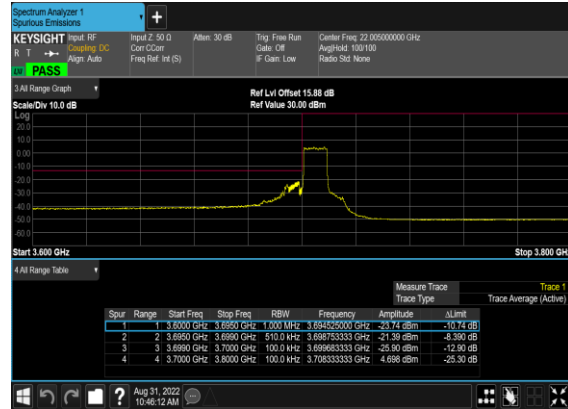
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



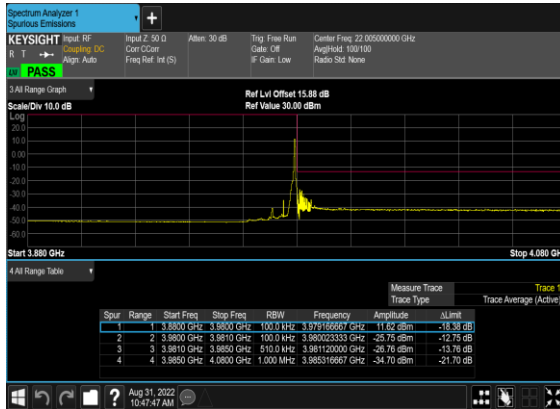
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



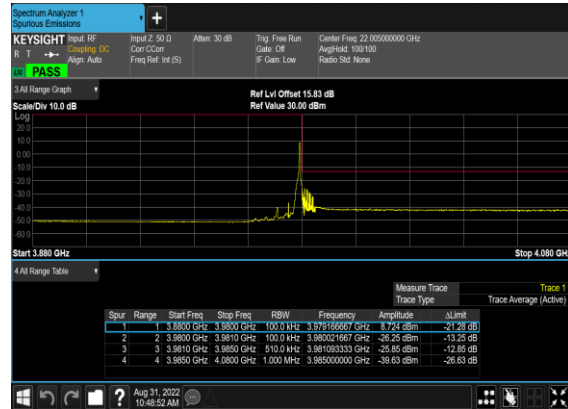
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



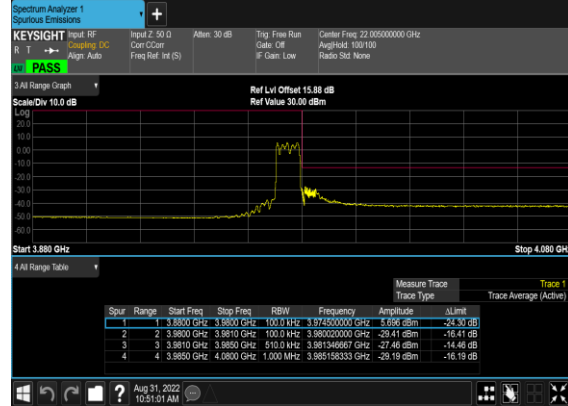
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



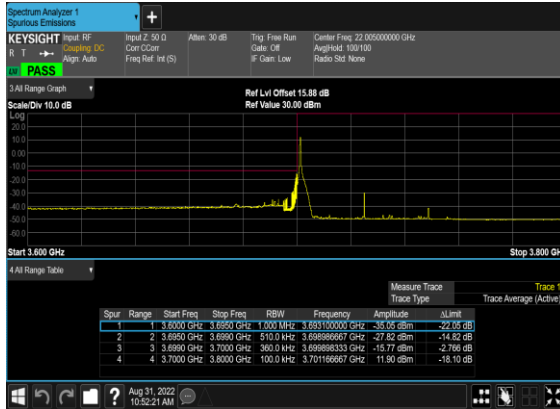
### N77(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N77(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



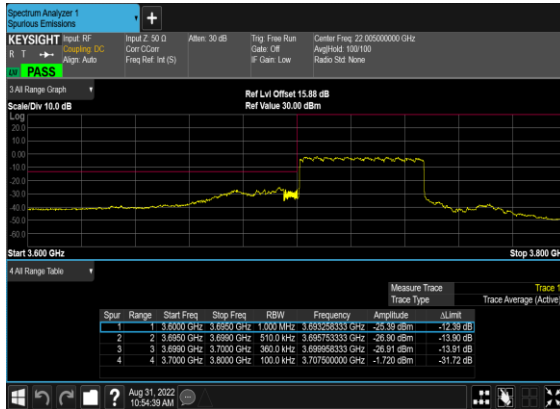
### N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



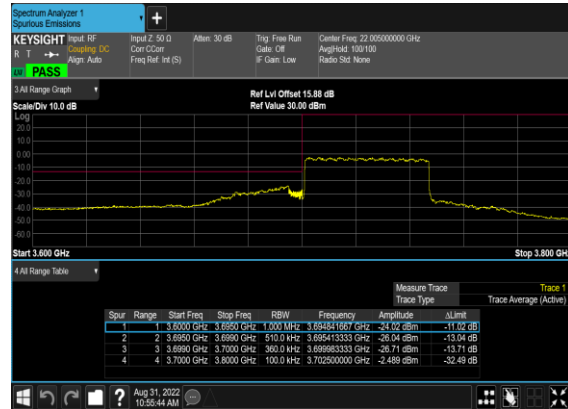
### N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



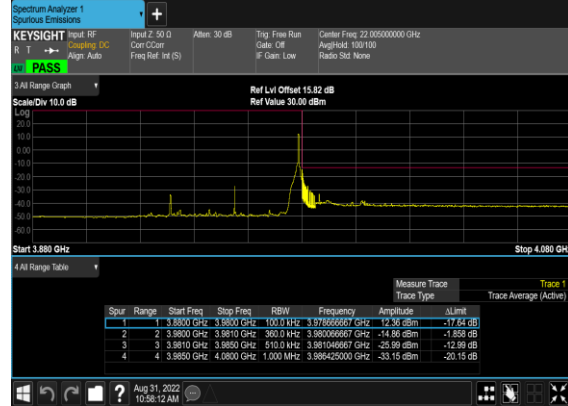
### N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



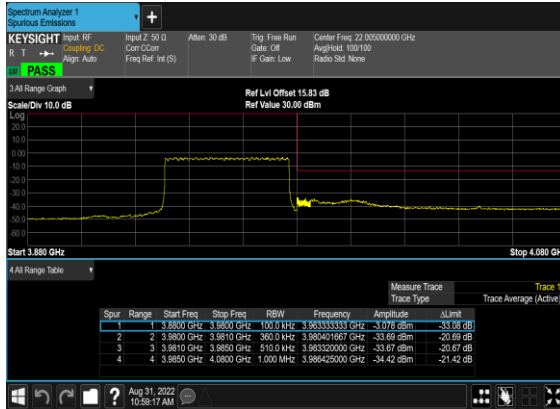
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



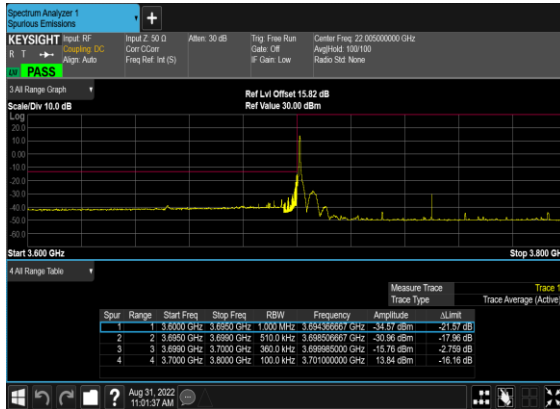
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



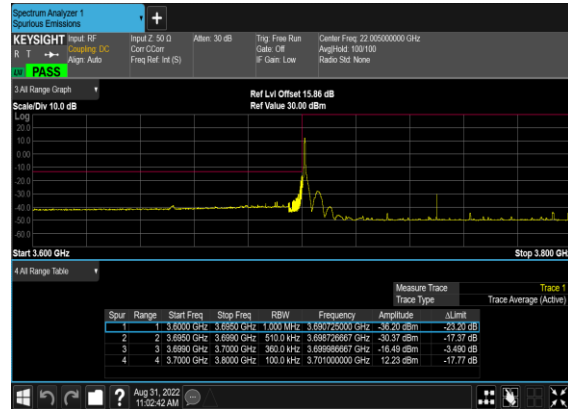
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



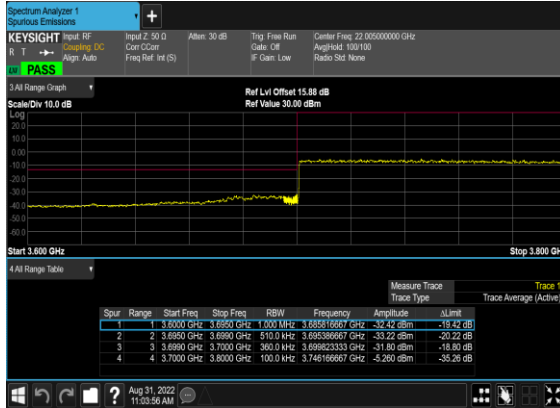
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



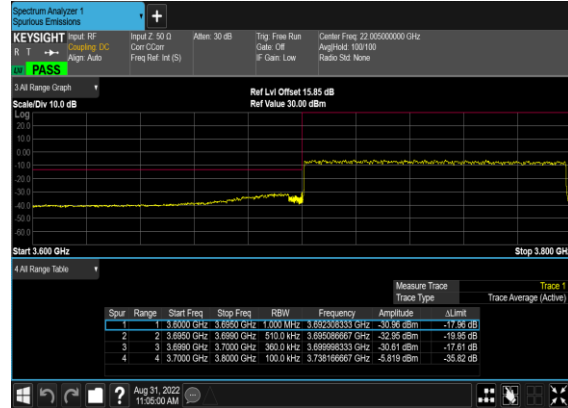
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



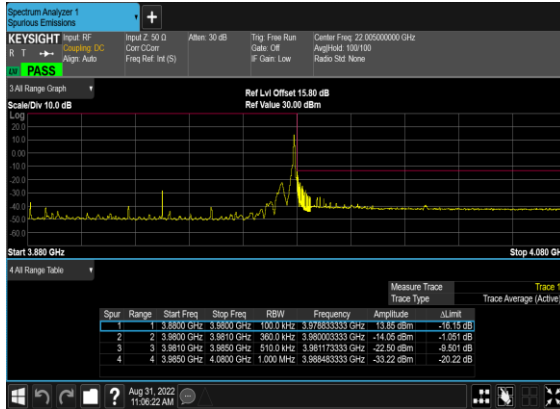
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



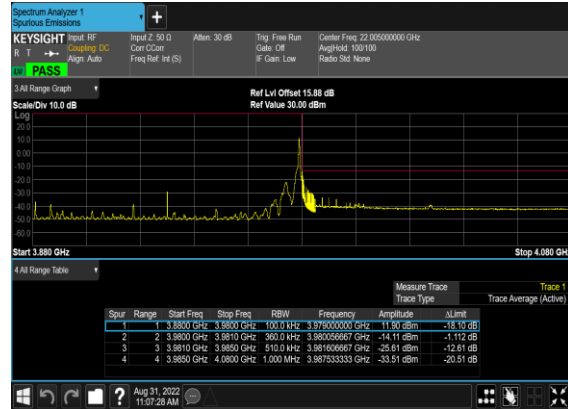
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



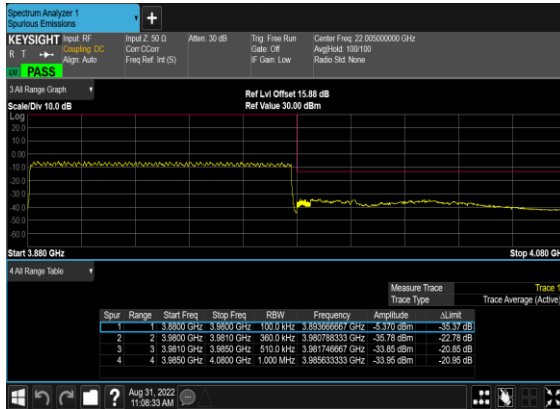
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



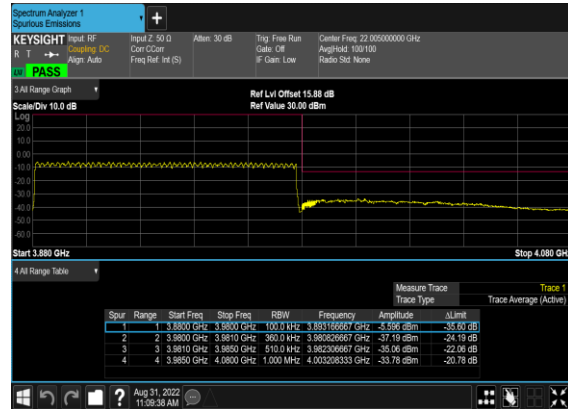
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N77(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



## FR1 N77 UL MIMO-ANT1 (30kHz)

### Transmitter Conducted Output Power and EIRP, (GT - LC)=0.85dBi

| NR Band | SCS | Band Width | Arfcn  | Freq(MHz) | Modulation     | RB  | ANT1 Power(dBm) | ANT2 Power(dBm) | Conducted Power(dBm) | EIRP(dBm) | EIRP(W) |
|---------|-----|------------|--------|-----------|----------------|-----|-----------------|-----------------|----------------------|-----------|---------|
| 77      | 30  | 10         | 647000 | 3705      | CP-OFDM QPSK   | 1@1 | 24.69           | 24.7            | 27.71                | 28.56     | 0.7178  |
| 77      | 30  | 10         | 647000 | 3705      | CP-OFDM 16 QAM | 1@1 | 23.86           | 24              | 26.94                | 27.79     | 0.6012  |
| 77      | 30  | 10         | 656000 | 3840      | CP-OFDM QPSK   | 1@1 | 24.27           | 24.42           | 27.36                | 28.21     | 0.6622  |
| 77      | 30  | 10         | 656000 | 3840      | CP-OFDM 16 QAM | 1@1 | 23.5            | 24.03           | 26.78                | 27.63     | 0.5794  |
| 77      | 30  | 10         | 665000 | 3975      | CP-OFDM QPSK   | 1@1 | 23.85           | 24.82           | 27.37                | 28.22     | 0.6637  |
| 77      | 30  | 10         | 665000 | 3975      | CP-OFDM 16 QAM | 1@1 | 23.1            | 24.35           | 26.78                | 27.63     | 0.5794  |
| 77      | 30  | 15         | 647168 | 3707.52   | CP-OFDM QPSK   | 1@1 | 24.68           | 24.7            | 27.70                | 28.55     | 0.7161  |
| 77      | 30  | 15         | 647168 | 3707.52   | CP-OFDM 16 QAM | 1@1 | 23.9            | 24.03           | 26.98                | 27.83     | 0.6067  |
| 77      | 30  | 15         | 656000 | 3840      | CP-OFDM QPSK   | 1@1 | 24.2            | 24.49           | 27.36                | 28.21     | 0.6622  |
| 77      | 30  | 15         | 656000 | 3840      | CP-OFDM 16 QAM | 1@1 | 23.45           | 24.07           | 26.78                | 27.63     | 0.5794  |
| 77      | 30  | 15         | 664832 | 3972.48   | CP-OFDM QPSK   | 1@1 | 23.75           | 24.76           | 27.29                | 28.14     | 0.6516  |
| 77      | 30  | 15         | 664832 | 3972.48   | CP-OFDM 16 QAM | 1@1 | 23.01           | 24.09           | 26.59                | 27.44     | 0.5546  |
| 77      | 30  | 20         | 647334 | 3710.01   | CP-OFDM QPSK   | 1@1 | 24.62           | 24.7            | 27.67                | 28.52     | 0.7112  |
| 77      | 30  | 20         | 647334 | 3710.01   | CP-OFDM 16 QAM | 1@1 | 23.92           | 24.15           | 27.05                | 27.90     | 0.6166  |
| 77      | 30  | 20         | 656000 | 3840      | CP-OFDM QPSK   | 1@1 | 24.2            | 24.54           | 27.38                | 28.23     | 0.6653  |
| 77      | 30  | 20         | 656000 | 3840      | CP-OFDM 16 QAM | 1@1 | 23.53           | 23.93           | 26.74                | 27.59     | 0.5741  |
| 77      | 30  | 20         | 664666 | 3969.99   | CP-OFDM QPSK   | 1@1 | 23.78           | 24.74           | 27.30                | 28.15     | 0.6531  |
| 77      | 30  | 20         | 664666 | 3969.99   | CP-OFDM 16 QAM | 1@1 | 23.04           | 24.21           | 26.67                | 27.52     | 0.5649  |
| 77      | 30  | 40         | 648000 | 3720      | CP-OFDM QPSK   | 1@1 | 24.65           | 24.76           | 27.72                | 28.57     | 0.7194  |
| 77      | 30  | 40         | 648000 | 3720      | CP-OFDM 16 QAM | 1@1 | 24.12           | 24.2            | 27.17                | 28.02     | 0.6339  |
| 77      | 30  | 40         | 656000 | 3840      | CP-OFDM QPSK   | 1@1 | 24.11           | 24.69           | 27.42                | 28.27     | 0.6714  |
| 77      | 30  | 40         | 656000 | 3840      | CP-OFDM 16 QAM | 1@1 | 23.44           | 24.16           | 26.83                | 27.68     | 0.5861  |
| 77      | 30  | 40         | 664000 | 3960      | CP-OFDM QPSK   | 1@1 | 23.73           | 24.65           | 27.22                | 28.07     | 0.6412  |
| 77      | 30  | 40         | 664000 | 3960      | CP-OFDM 16 QAM | 1@1 | 23.08           | 24.16           | 26.66                | 27.51     | 0.5636  |
| 77      | 30  | 50         | 648334 | 3725.01   | CP-OFDM QPSK   | 1@1 | 24.6            | 24.68           | 27.65                | 28.50     | 0.7079  |
| 77      | 30  | 50         | 648334 | 3725.01   | CP-OFDM 16 QAM | 1@1 | 24.03           | 24.31           | 27.18                | 28.03     | 0.6353  |
| 77      | 30  | 50         | 656000 | 3840      | CP-OFDM QPSK   | 1@1 | 23.86           | 24.58           | 27.25                | 28.10     | 0.6457  |
| 77      | 30  | 50         | 656000 | 3840      | CP-OFDM 16 QAM | 1@1 | 23.29           | 24.18           | 26.77                | 27.62     | 0.5781  |
| 77      | 30  | 50         | 663666 | 3954.99   | CP-OFDM QPSK   | 1@1 | 23.71           | 24.53           | 27.15                | 28.00     | 0.6310  |

|    |    |     |        |         |                 |        |       |       |       |       |        |
|----|----|-----|--------|---------|-----------------|--------|-------|-------|-------|-------|--------|
| 77 | 30 | 50  | 663666 | 3954.99 | CP-OFDM 16 QAM  | 1@1    | 23.2  | 24.25 | 26.77 | 27.62 | 0.5781 |
| 77 | 30 | 60  | 648668 | 3730.02 | CP-OFDM QPSK    | 1@1    | 24.52 | 24.53 | 27.54 | 28.39 | 0.6902 |
| 77 | 30 | 60  | 648668 | 3730.02 | CP-OFDM 16 QAM  | 1@1    | 23.91 | 24.06 | 27.00 | 27.85 | 0.6095 |
| 77 | 30 | 60  | 656000 | 3840    | CP-OFDM QPSK    | 1@1    | 23.74 | 24.5  | 27.15 | 28.00 | 0.6310 |
| 77 | 30 | 60  | 656000 | 3840    | CP-OFDM 16 QAM  | 1@1    | 23.03 | 24.02 | 26.56 | 27.41 | 0.5508 |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM QPSK    | 1@1    | 23.73 | 24.57 | 27.18 | 28.03 | 0.6353 |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM 16 QAM  | 1@1    | 23.19 | 24.3  | 26.79 | 27.64 | 0.5808 |
| 77 | 30 | 80  | 649334 | 3740.01 | CP-OFDM QPSK    | 1@1    | 24.33 | 24.49 | 27.42 | 28.27 | 0.6714 |
| 77 | 30 | 80  | 649334 | 3740.01 | CP-OFDM 16 QAM  | 1@1    | 24.02 | 24.13 | 27.09 | 27.94 | 0.6223 |
| 77 | 30 | 80  | 656000 | 3840    | CP-OFDM QPSK    | 1@1    | 23.58 | 24.44 | 27.04 | 27.89 | 0.6152 |
| 77 | 30 | 80  | 656000 | 3840    | CP-OFDM 16 QAM  | 1@1    | 23.31 | 24.24 | 26.81 | 27.66 | 0.5834 |
| 77 | 30 | 80  | 662666 | 3939.99 | CP-OFDM QPSK    | 1@1    | 23.77 | 24.39 | 27.10 | 27.95 | 0.6237 |
| 77 | 30 | 80  | 662666 | 3939.99 | CP-OFDM 16 QAM  | 1@1    | 23.4  | 24.17 | 26.81 | 27.66 | 0.5834 |
| 77 | 30 | 90  | 649668 | 3745.02 | CP-OFDM QPSK    | 1@1    | 24.42 | 24.55 | 27.50 | 28.35 | 0.6839 |
| 77 | 30 | 90  | 649668 | 3745.02 | CP-OFDM 16 QAM  | 1@1    | 24.09 | 24.25 | 27.18 | 28.03 | 0.6353 |
| 77 | 30 | 90  | 656000 | 3840    | CP-OFDM QPSK    | 1@1    | 23.52 | 24.38 | 26.98 | 27.83 | 0.6067 |
| 77 | 30 | 90  | 656000 | 3840    | CP-OFDM 16 QAM  | 1@1    | 23.35 | 24.24 | 26.83 | 27.68 | 0.5861 |
| 77 | 30 | 90  | 662332 | 3934.98 | CP-OFDM QPSK    | 1@1    | 23.76 | 24.24 | 27.02 | 27.87 | 0.6124 |
| 77 | 30 | 90  | 662332 | 3934.98 | CP-OFDM 16 QAM  | 1@1    | 23.33 | 24.05 | 26.72 | 27.57 | 0.5715 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM QPSK    | 137@68 | 24.76 | 24.94 | 27.86 | 28.71 | 0.7430 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM QPSK    | 1@1    | 24.36 | 24.54 | 27.46 | 28.31 | 0.6776 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM QPSK    | 1@271  | 23.73 | 24.69 | 27.25 | 28.10 | 0.6457 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 16 QAM  | 137@68 | 24.04 | 24.22 | 27.14 | 27.99 | 0.6295 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 16 QAM  | 1@1    | 23.69 | 23.87 | 26.79 | 27.64 | 0.5808 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 16 QAM  | 1@271  | 23.08 | 24.28 | 26.73 | 27.58 | 0.5728 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 64 QAM  | 137@68 | 22.09 | 22.37 | 25.24 | 26.09 | 0.4064 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 64 QAM  | 1@1    | 22.25 | 22.37 | 25.32 | 26.17 | 0.4140 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 64 QAM  | 1@271  | 21.69 | 22.58 | 25.17 | 26.02 | 0.3999 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 256 QAM | 137@68 | 18.55 | 18.8  | 21.69 | 22.54 | 0.1795 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 256 QAM | 1@1    | 18.9  | 18.55 | 21.74 | 22.59 | 0.1816 |
| 77 | 30 | 100 | 650000 | 3750    | CP-OFDM 256 QAM | 1@271  | 18.36 | 18.71 | 21.55 | 22.40 | 0.1738 |
| 77 | 30 | 100 | 656000 | 3840    | CP-OFDM QPSK    | 137@68 | 24.28 | 24.48 | 27.39 | 28.24 | 0.6668 |
| 77 | 30 | 100 | 656000 | 3840    | CP-OFDM QPSK    | 1@1    | 23.6  | 24.36 | 27.01 | 27.86 | 0.6109 |
| 77 | 30 | 100 | 656000 | 3840    | CP-OFDM QPSK    | 1@271  | 23.71 | 24.17 | 26.96 | 27.81 | 0.6039 |
| 77 | 30 | 100 | 656000 | 3840    | CP-OFDM 16 QAM  | 137@68 | 23.86 | 24.1  | 26.99 | 27.84 | 0.6081 |
| 77 | 30 | 100 | 656000 | 3840    | CP-OFDM 16 QAM  | 1@1    | 22.99 | 23.93 | 26.50 | 27.35 | 0.5433 |
| 77 | 30 | 100 | 656000 | 3840    | CP-OFDM 16 QAM  | 1@271  | 22.98 | 23.79 | 26.41 | 27.26 | 0.5321 |