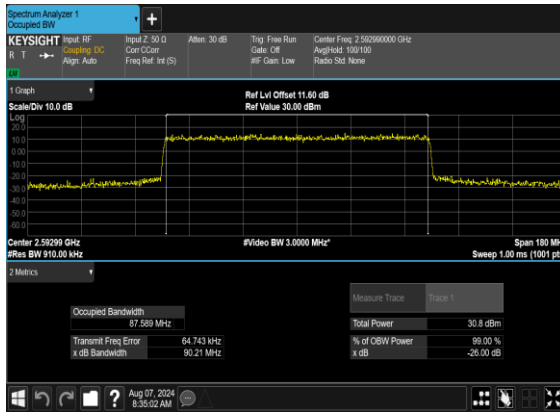
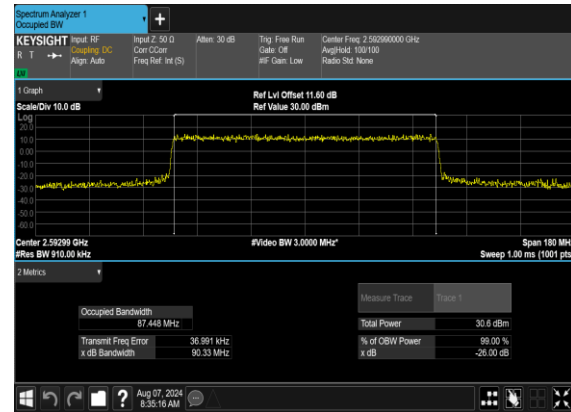




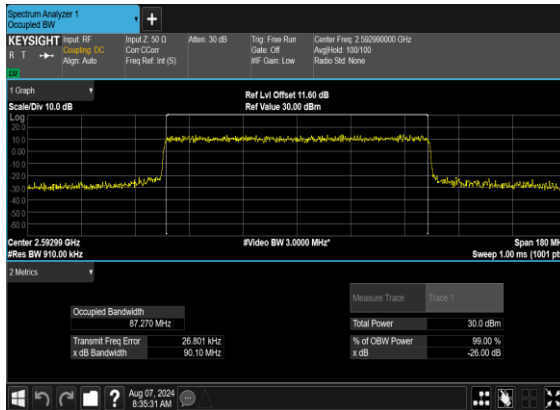
N41(90M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



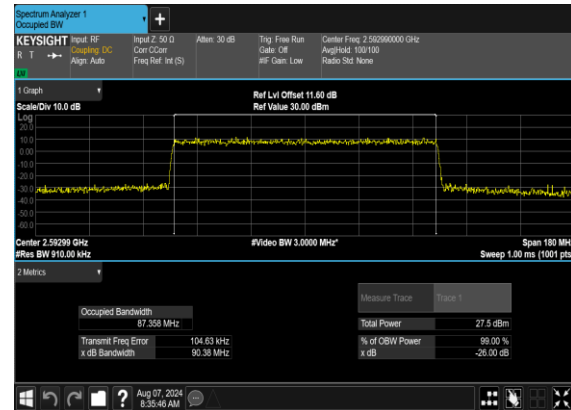
N41(90M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(90M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

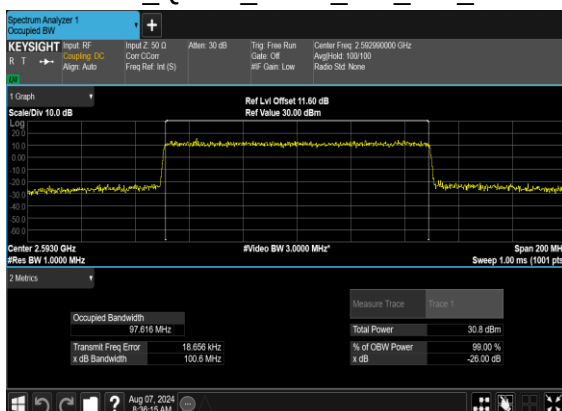


N41(90M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

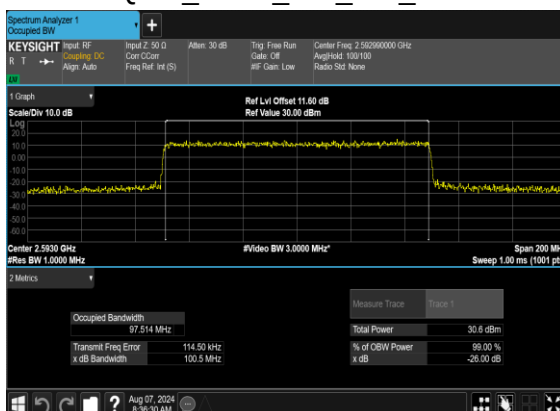




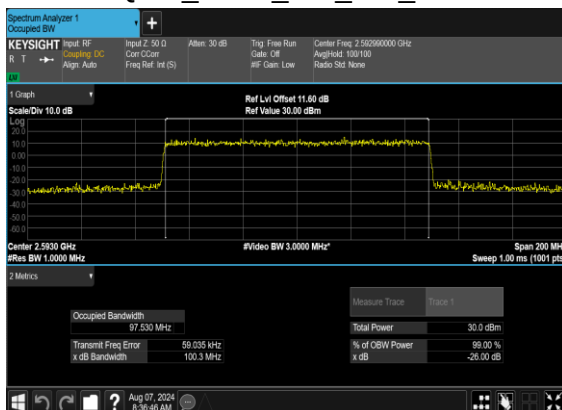
N41(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



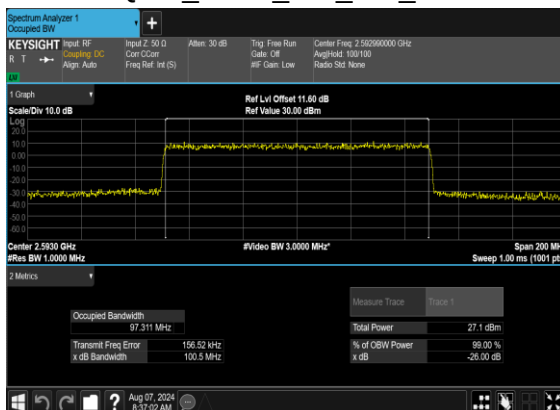
N41(100M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(100M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



N41(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 |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |



|    |    |    |        |         |                 |     |           |      |
|----|----|----|--------|---------|-----------------|-----|-----------|------|
| 41 | 30 | 10 | 500202 | 2501.01 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 10 | 500202 | 2501.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 500202 | 2501.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 10 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 10 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 537000 | 2685.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 10 | 537000 | 2685.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 537000 | 2685.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 537000 | 2685.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 10 | 537000 | 2685.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 10 | 537000 | 2685.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50 | 504204 | 2521.02 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |



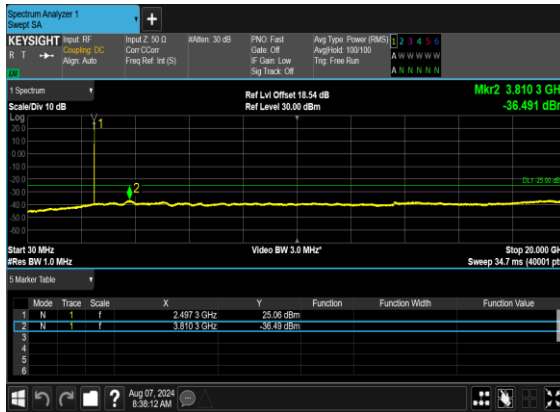
|    |    |     |        |         |                 |     |           |      |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|
| 41 | 30 | 50  | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50  | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50  | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 50  | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50  | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |



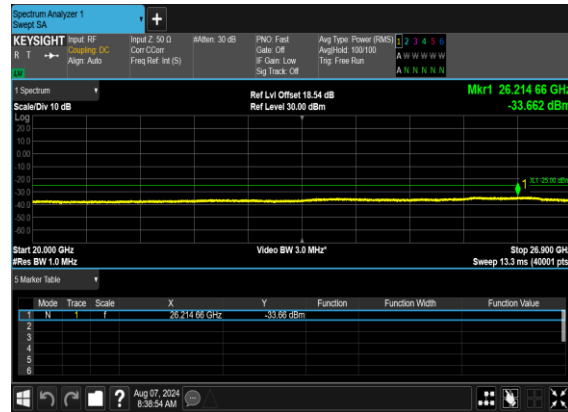
|    |    |     |        |         |                 |     |           |      |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|
| 41 | 30 | 100 | 518598 | 2592.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |



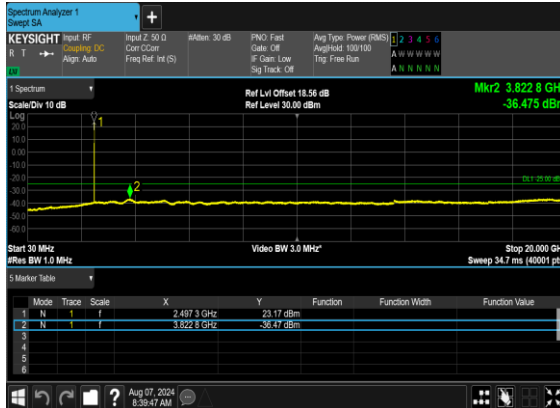
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



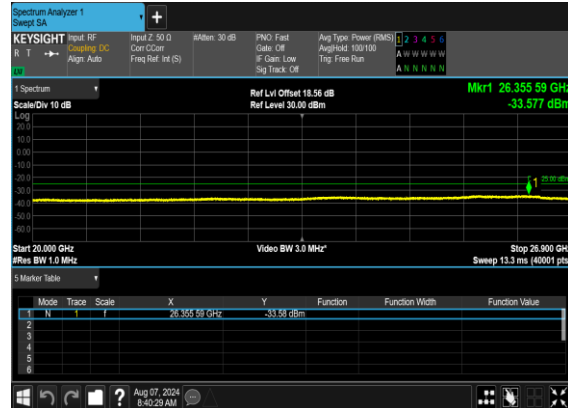
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

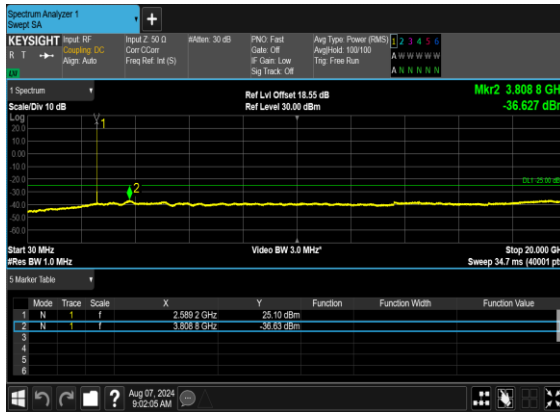


N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

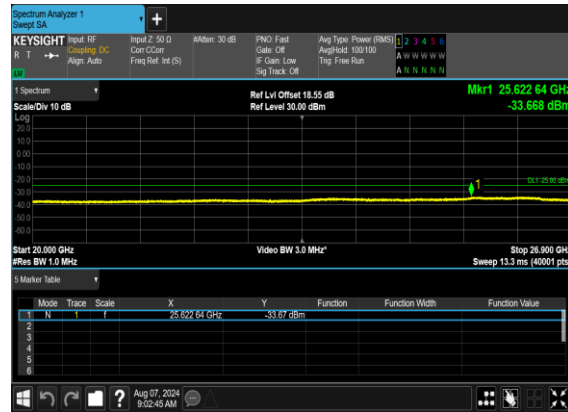




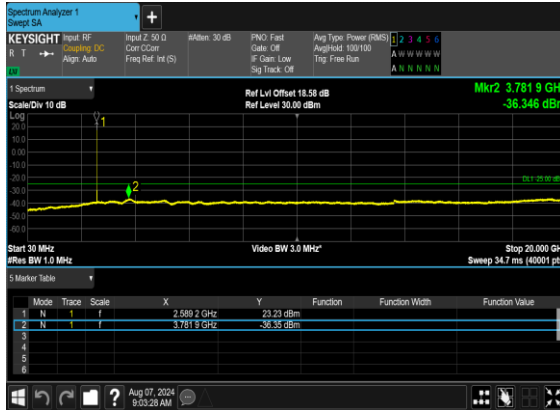
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



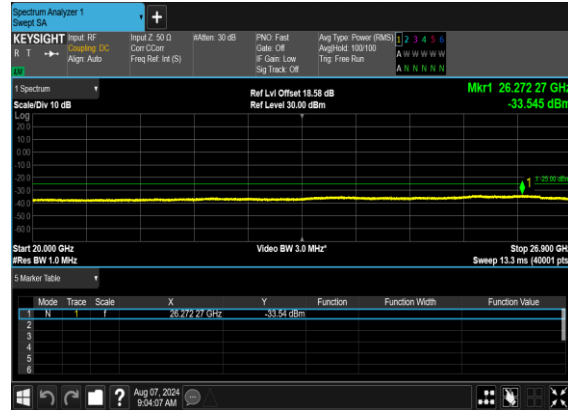
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

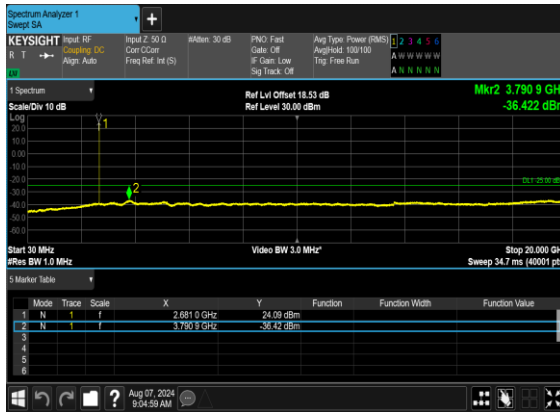


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OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

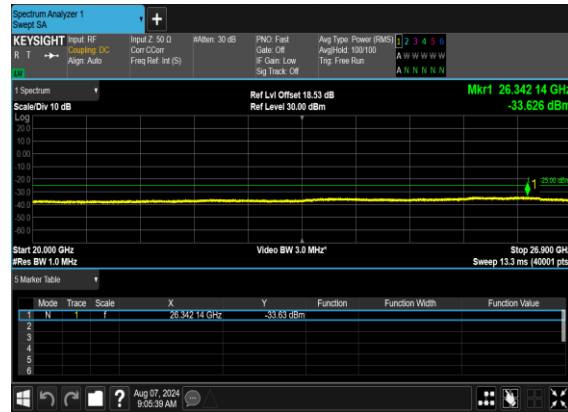




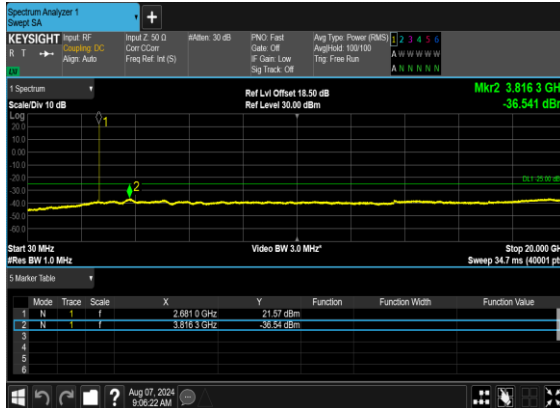
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



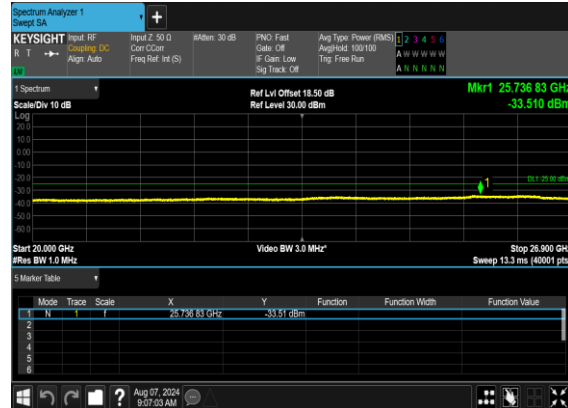
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

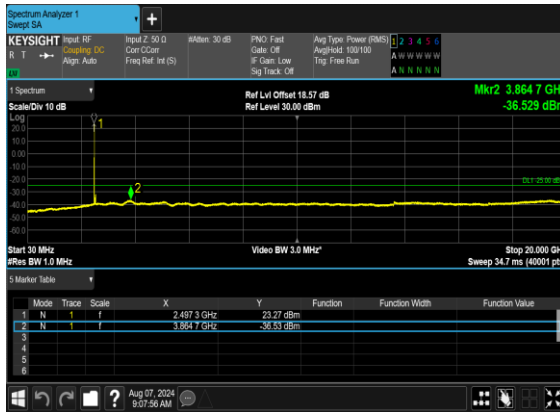


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OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

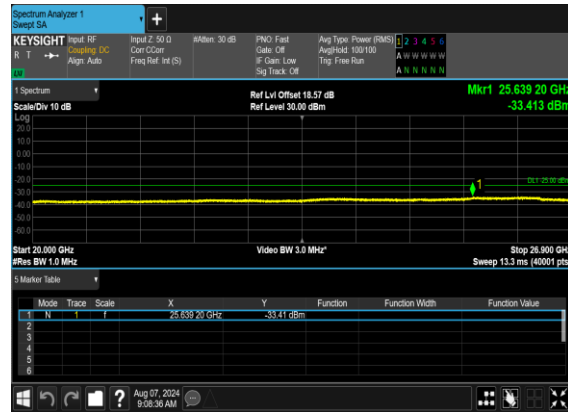




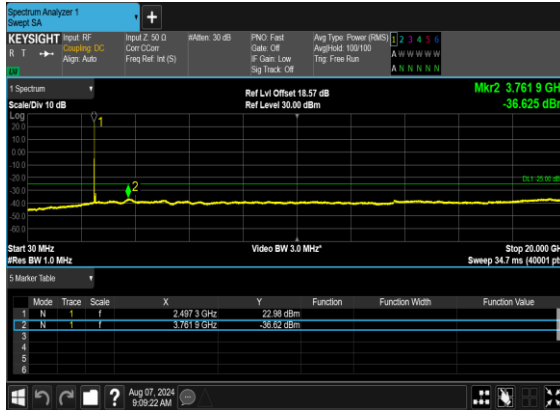
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



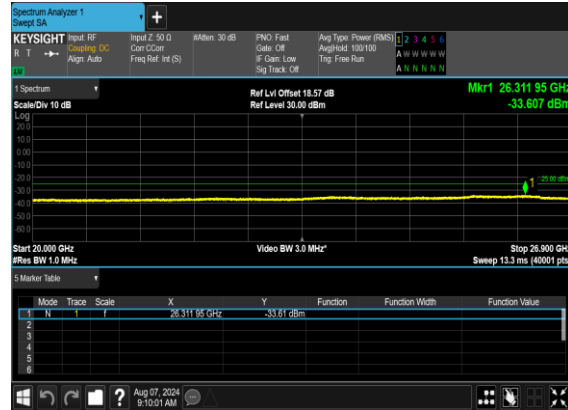
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OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

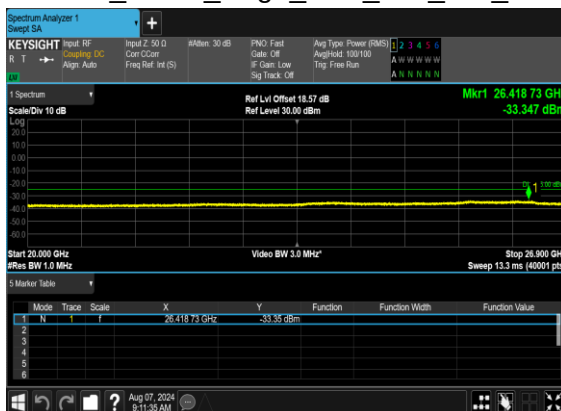
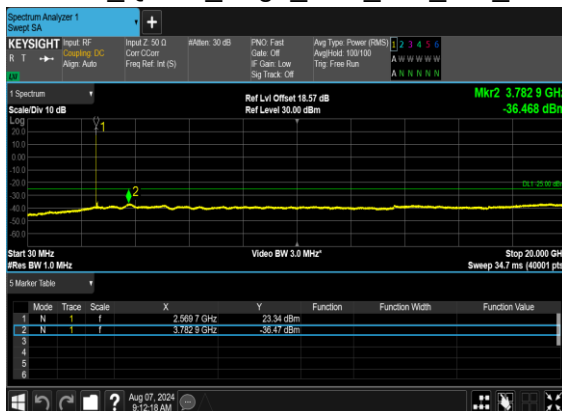
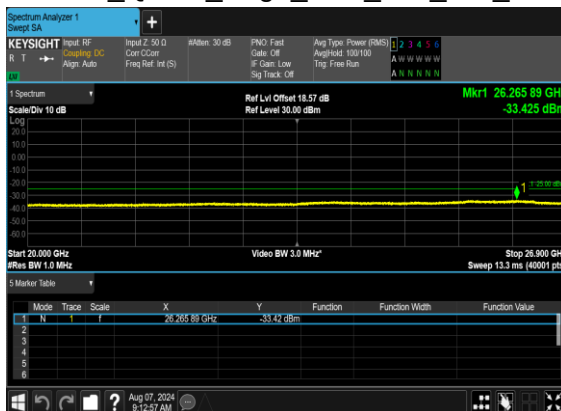


N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



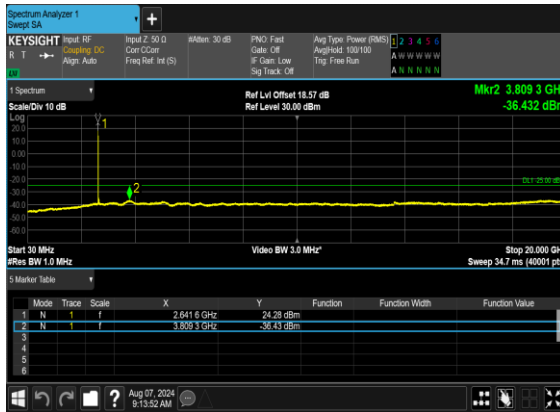
N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



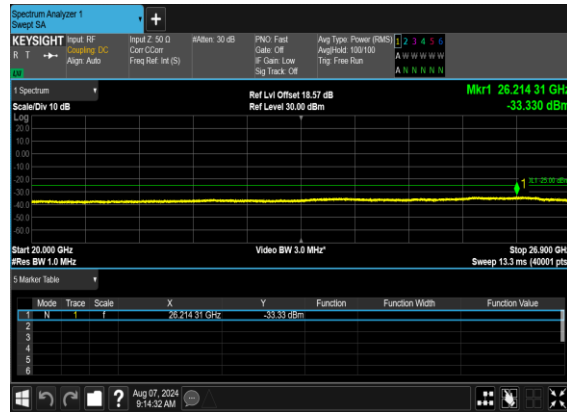
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CHN41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CHN41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CHN41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



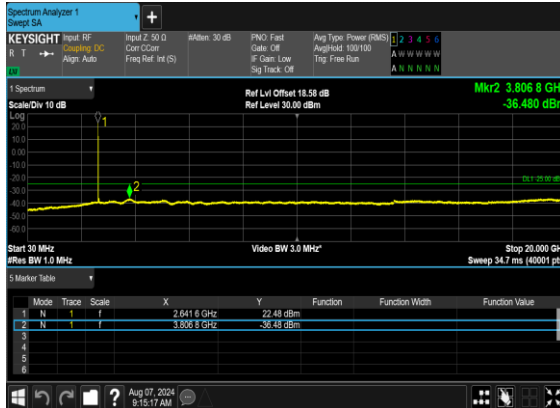
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



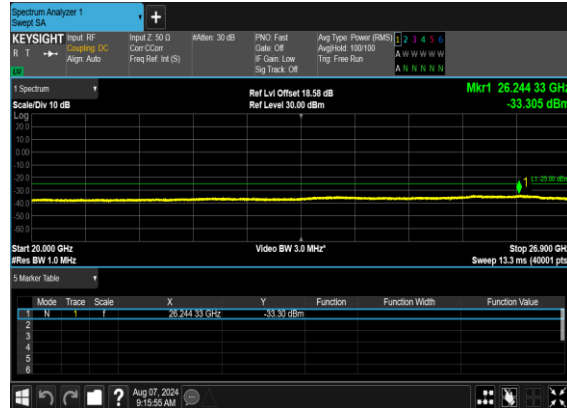
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

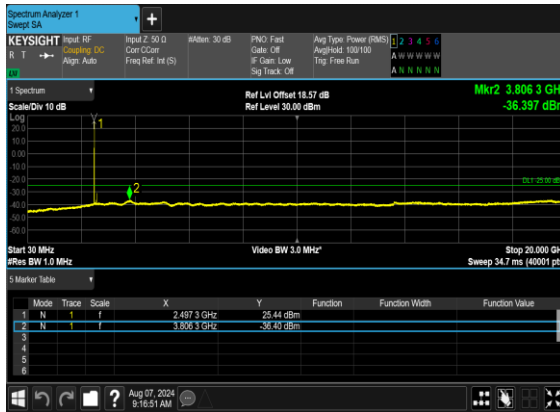


N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

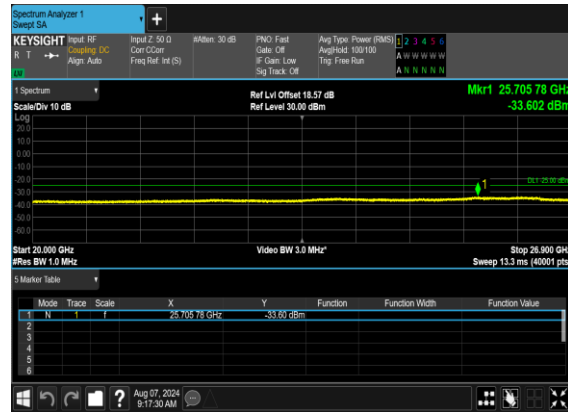




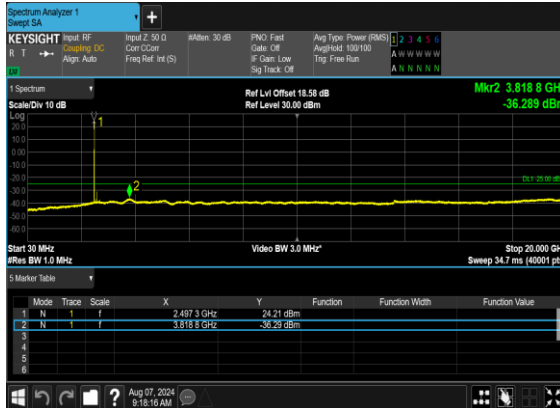
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



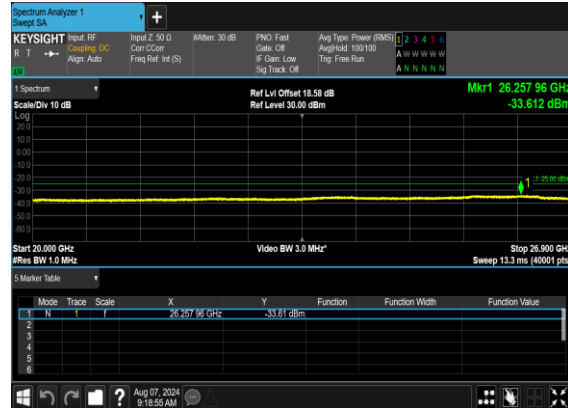
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

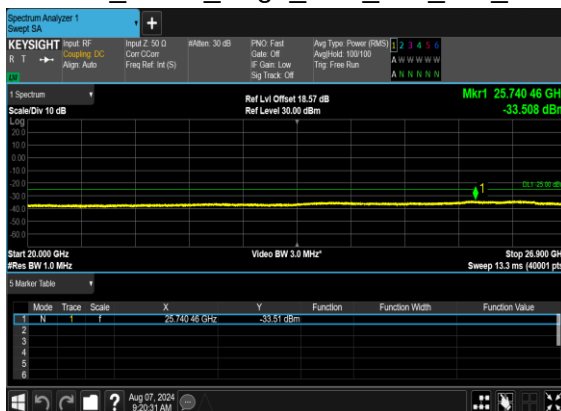




N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



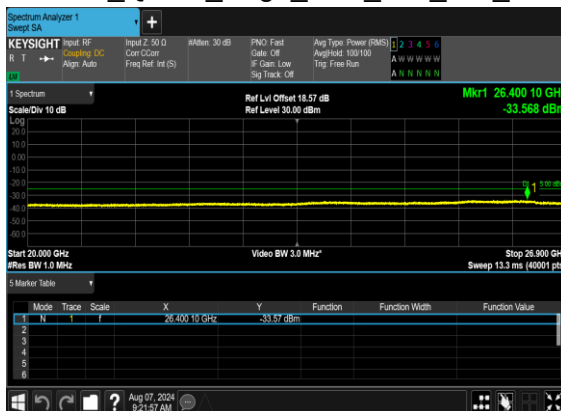
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

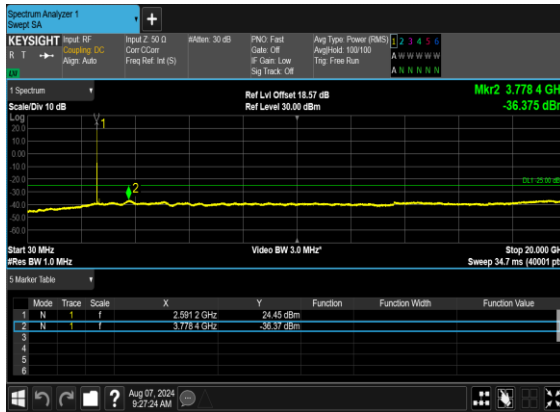
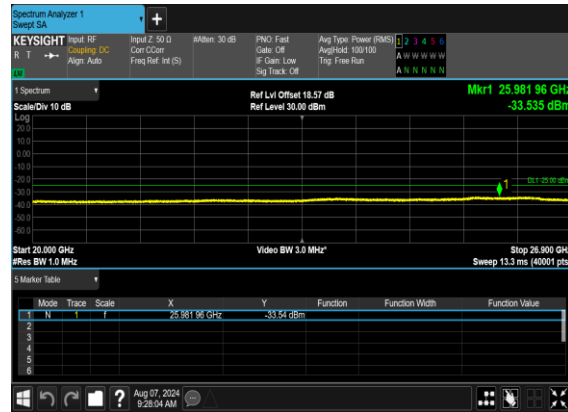
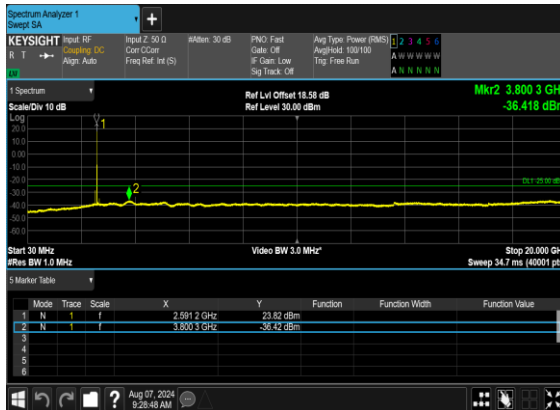
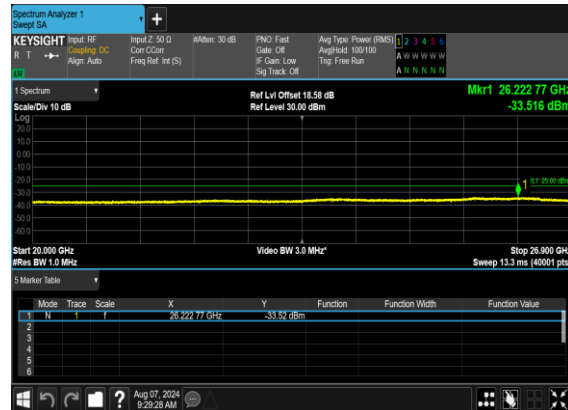


N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



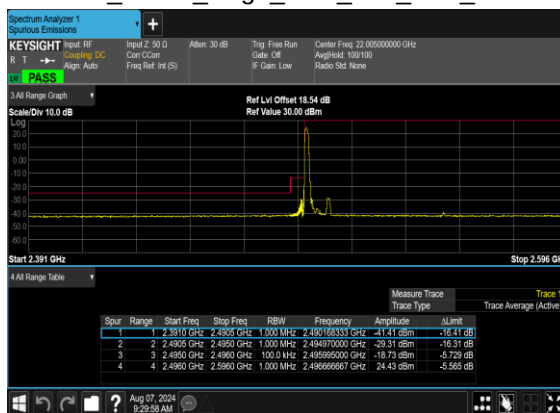
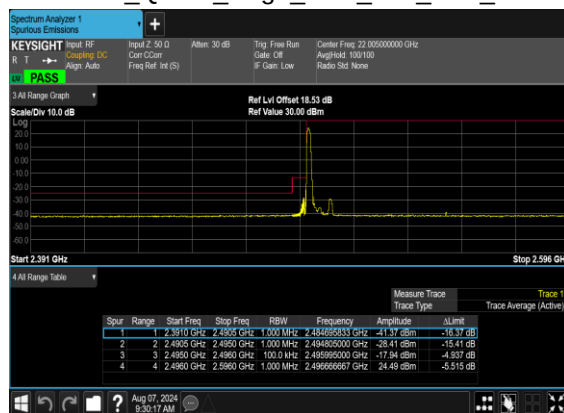
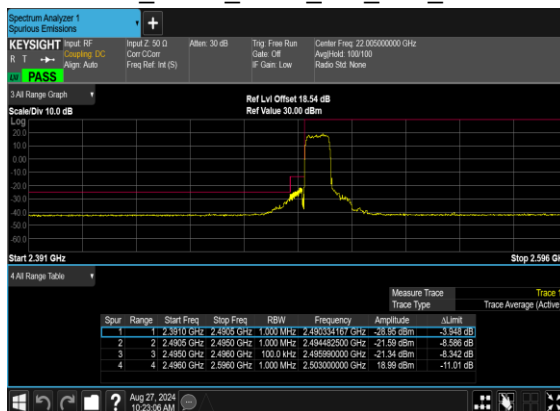
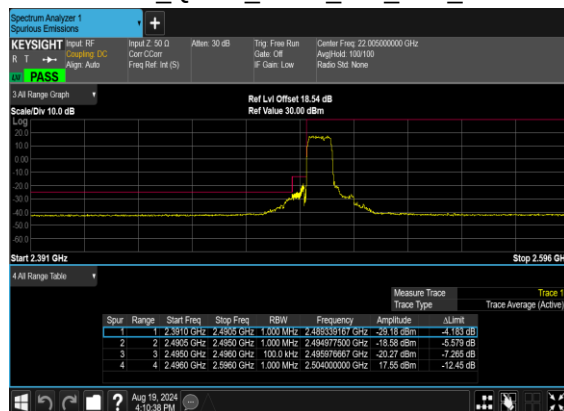
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CHN41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CHN41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CHN41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------|---------|
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM BPSK | 1@0  | see graph | PASS    |
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM QPSK | 1@0  | see graph | PASS    |
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM BPSK | 24@0 | see graph | PASS    |
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM QPSK | 24@0 | see graph | PASS    |

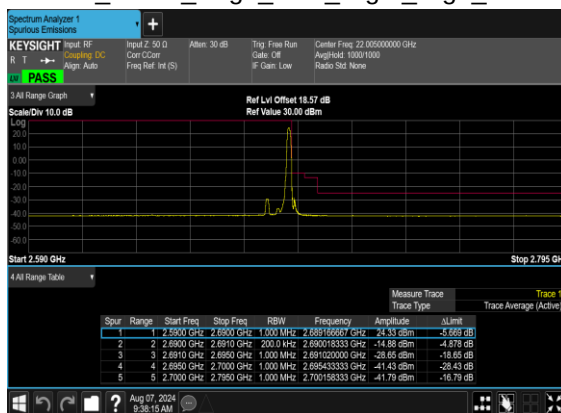


|    |    |     |        |         |                 |       |           |      |
|----|----|-----|--------|---------|-----------------|-------|-----------|------|
| 41 | 30 | 10  | 537000 | 2685.0  | DFT-s-OFDM BPSK | 1@23  | see graph | PASS |
| 41 | 30 | 10  | 537000 | 2685.0  | DFT-s-OFDM QPSK | 1@23  | see graph | PASS |
| 41 | 30 | 10  | 537000 | 2685.0  | DFT-s-OFDM BPSK | 24@0  | see graph | PASS |
| 41 | 30 | 10  | 537000 | 2685.0  | DFT-s-OFDM QPSK | 24@0  | see graph | PASS |
| 41 | 30 | 50  | 504204 | 2521.02 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 41 | 30 | 50  | 504204 | 2521.02 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 41 | 30 | 50  | 504204 | 2521.02 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 41 | 30 | 50  | 504204 | 2521.02 | DFT-s-OFDM QPSK | 128@0 | see graph | FAIL |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM BPSK | 1@132 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM QPSK | 128@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |

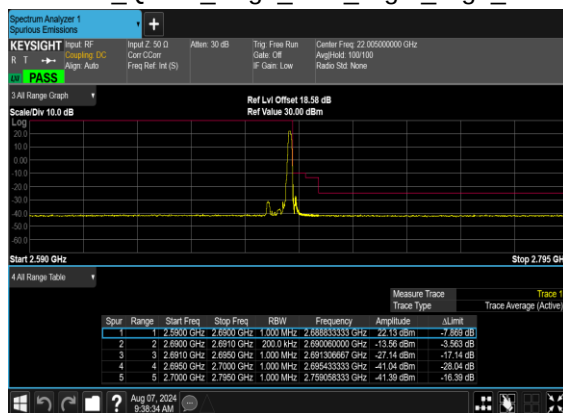
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CHN41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CHN41(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CHN41(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



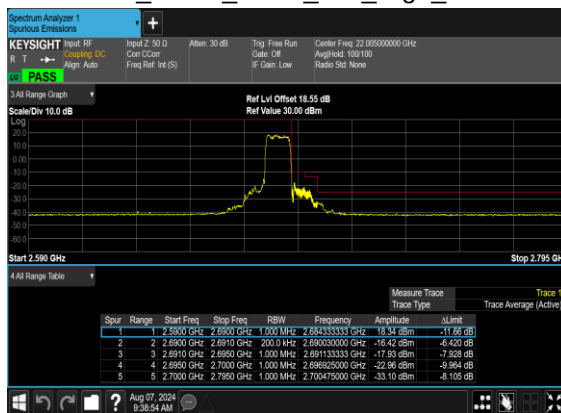
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



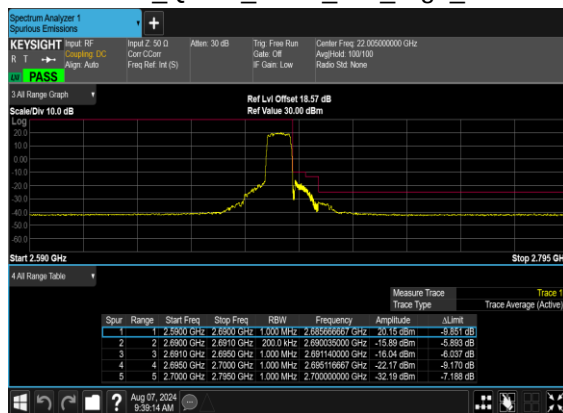
N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N41(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

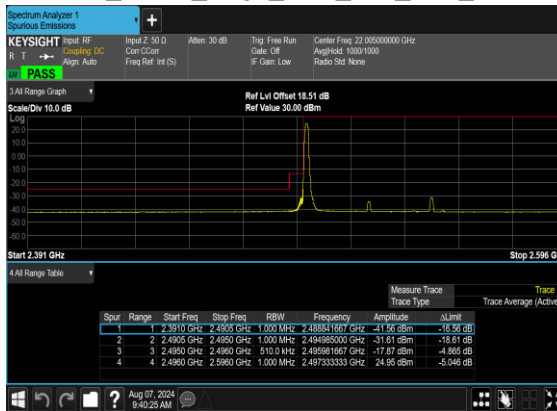


N41(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

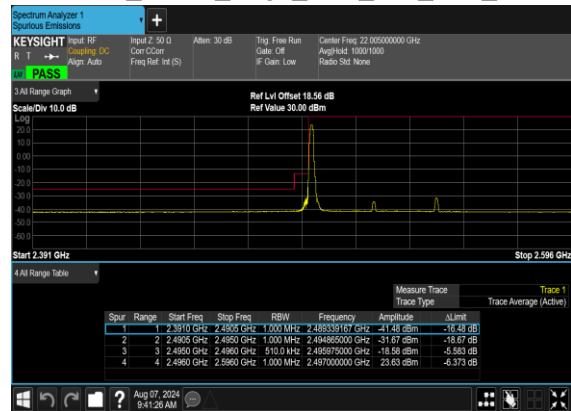




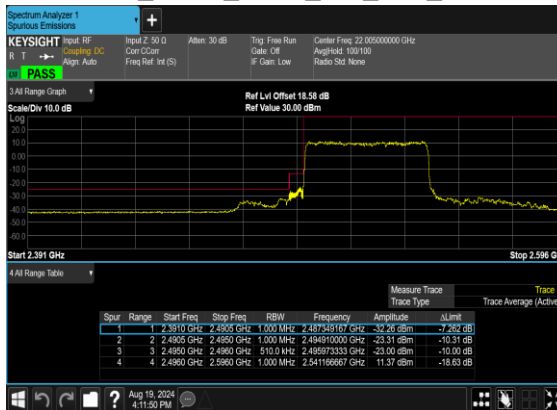
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



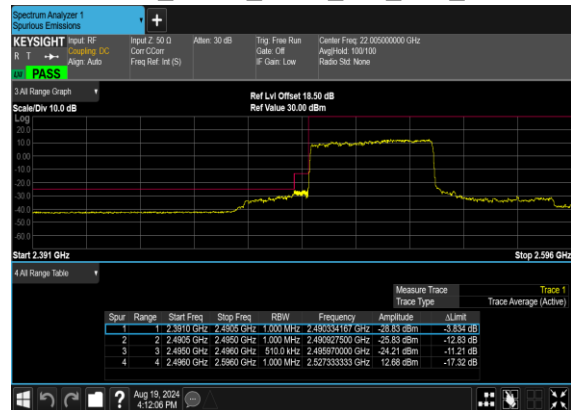
N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



N41(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

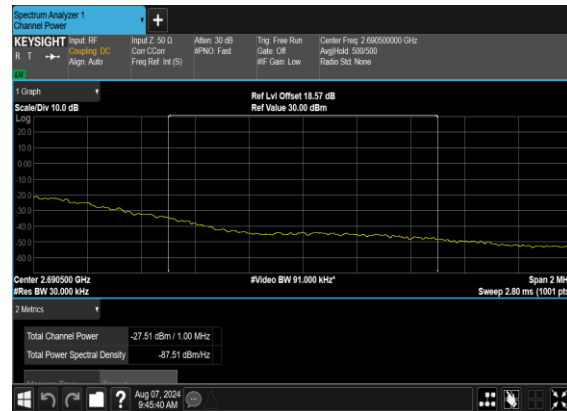




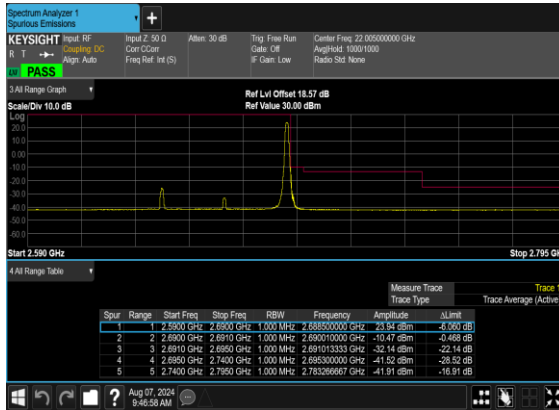
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OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



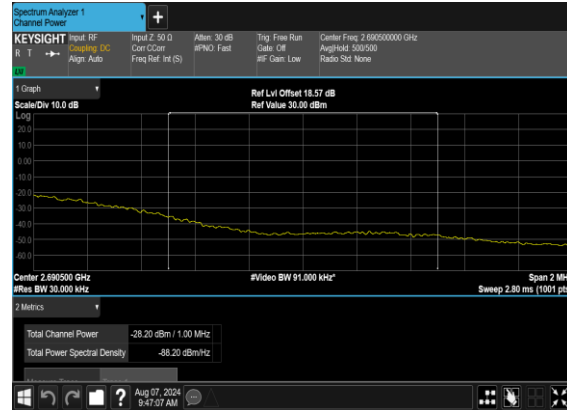
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OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P  
ASS



N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

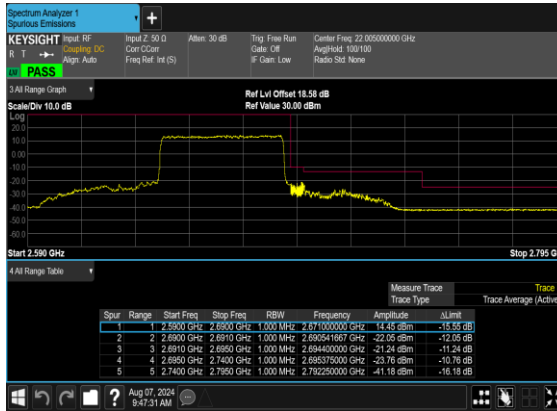


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OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P  
ASS





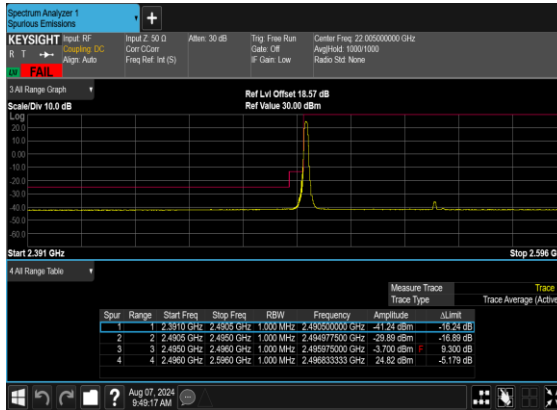
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



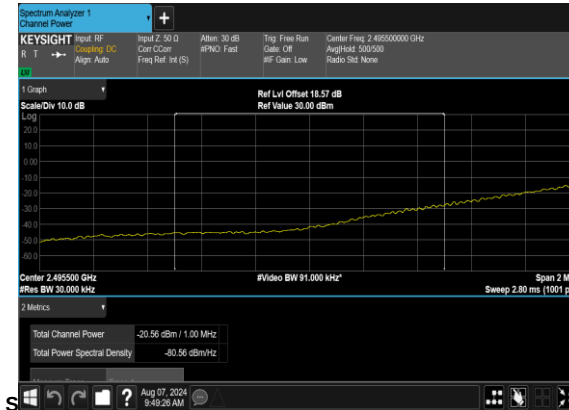
N41(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

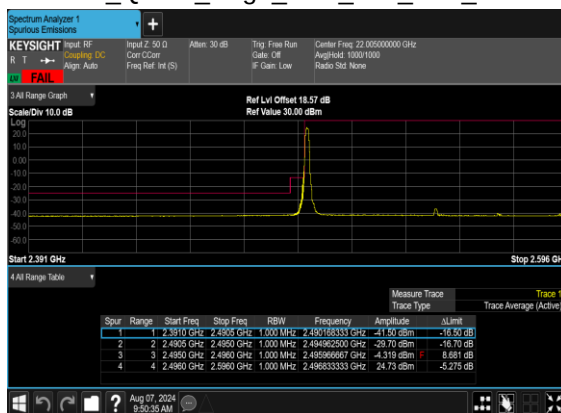


N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PAS

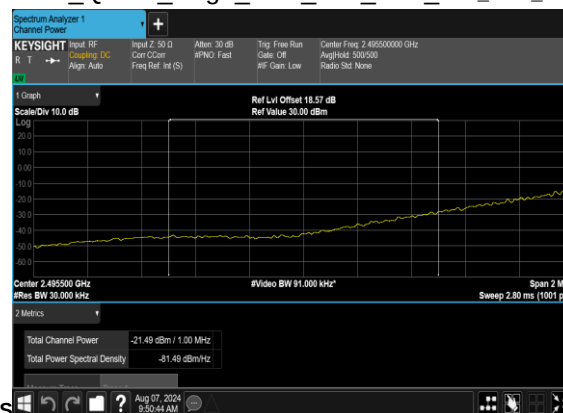




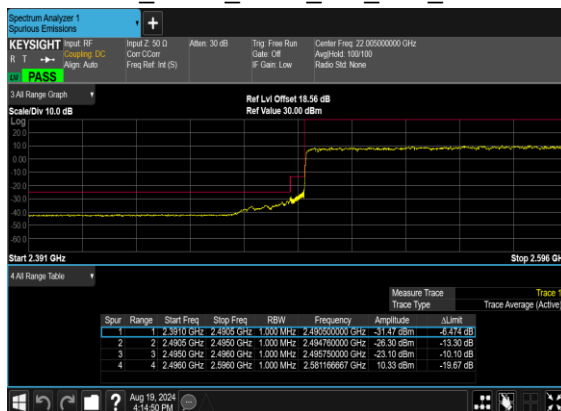
N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



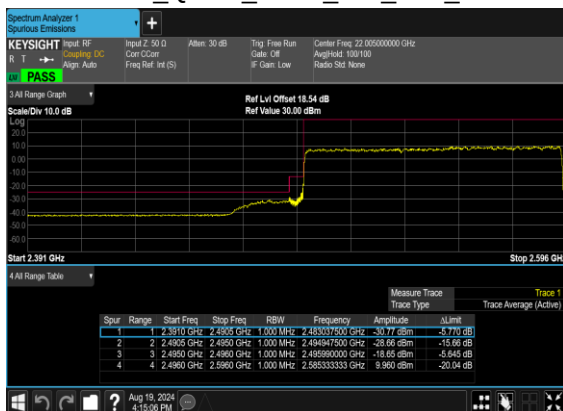
N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_chp\_pas



N41(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

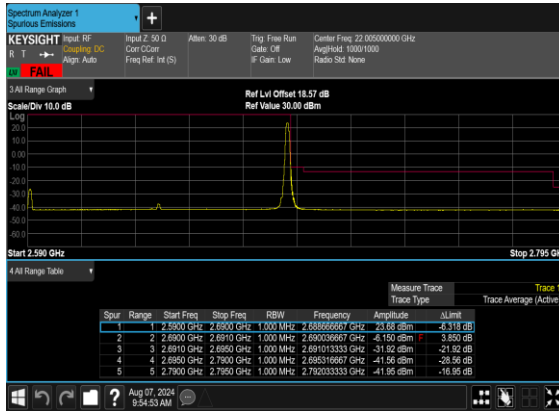


N41(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

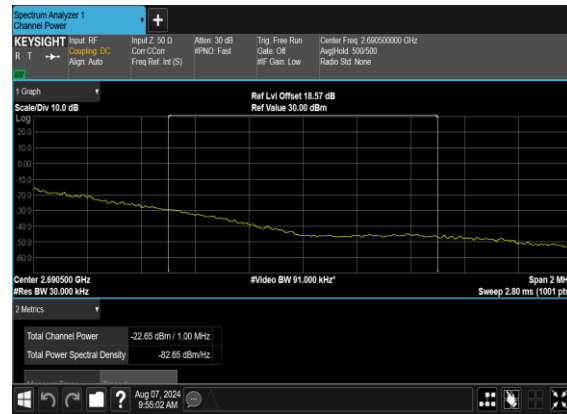




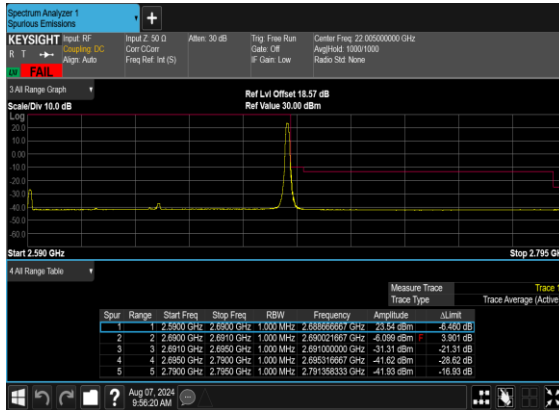
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



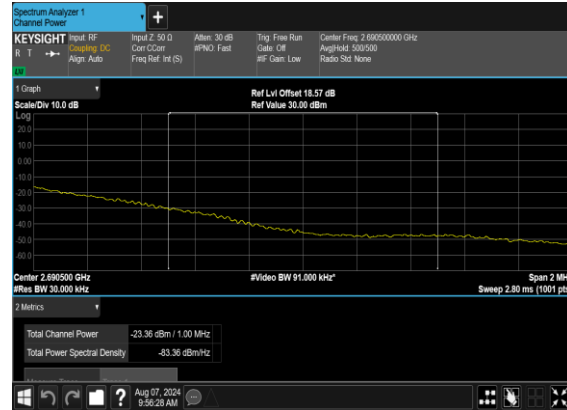
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_chp\_P  
ASS



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

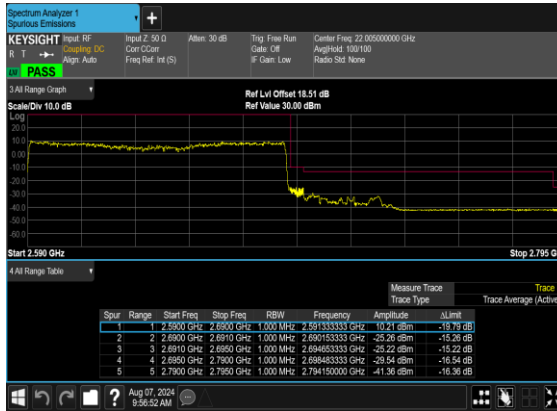


N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_chp\_P  
ASS

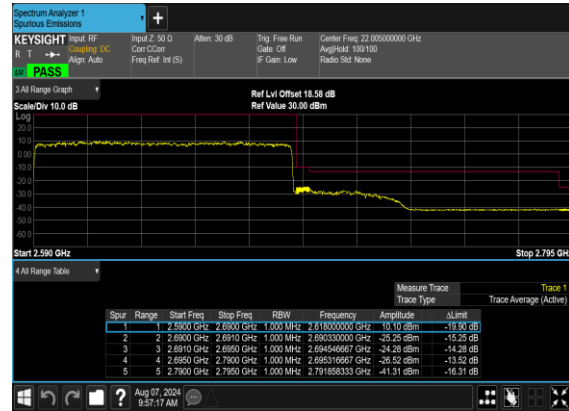




N41(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH





Software Version: 23.06.1602

## FR1 N41 TXD-ANT(1+8)\_ANT8

### Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------------|---------|-------------|
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0043          | PASS    | NV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0067          | PASS    | LV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0023          | PASS    | HV          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0045          | PASS    | -30℃        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0028          | PASS    | -20℃        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0036          | PASS    | -10℃        |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0040          | PASS    | 0℃          |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0051          | PASS    | 10℃         |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0043          | PASS    | 20℃         |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0031          | PASS    | 30℃         |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0038          | PASS    | 40℃         |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK | 50@0 | 0.0034          | PASS    | 50℃         |



### Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB   | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|------|-------------|------------|---------|
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM PI/2 BPSK | 50@0 | 3.87        | 13         | PASS    |
| 41      | 30        | 20              | 518598 | 2592.99    | DFT-s-OFDM QPSK      | 50@0 | 4.41        | 13         | PASS    |



N41(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



N41(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH





## Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 41      | 30        | 10              | 518598 | 2592.99    | CP-OFDM QPSK    | 24@0  | 8.5603    | 9.866         |
| 41      | 30        | 10              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 24@0  | 8.5857    | 9.711         |
| 41      | 30        | 10              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 24@0  | 8.5947    | 9.785         |
| 41      | 30        | 10              | 518598 | 2592.99    | CP-OFDM 256 QAM | 24@0  | 8.5625    | 9.742         |
| 41      | 30        | 15              | 518598 | 2592.99    | CP-OFDM QPSK    | 38@0  | 13.586    | 14.93         |
| 41      | 30        | 15              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 38@0  | 13.61     | 14.93         |
| 41      | 30        | 15              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 38@0  | 13.558    | 14.48         |
| 41      | 30        | 15              | 518598 | 2592.99    | CP-OFDM 256 QAM | 38@0  | 13.605    | 14.82         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM QPSK    | 51@0  | 18.205    | 19.44         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 51@0  | 18.21     | 19.52         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 51@0  | 18.251    | 19.17         |
| 41      | 30        | 20              | 518598 | 2592.99    | CP-OFDM 256 QAM | 51@0  | 18.233    | 19.54         |
| 41      | 30        | 25              | 518598 | 2592.99    | CP-OFDM QPSK    | 65@0  | 23.183    | 24.86         |
| 41      | 30        | 25              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 65@0  | 23.251    | 24.74         |
| 41      | 30        | 25              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 65@0  | 23.217    | 24.61         |
| 41      | 30        | 25              | 518598 | 2592.99    | CP-OFDM 256 QAM | 65@0  | 23.222    | 24.35         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM QPSK    | 78@0  | 27.946    | 28.98         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 78@0  | 27.83     | 29.07         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 64 QAM  | 78@0  | 27.843    | 29.59         |
| 41      | 30        | 30              | 518598 | 2592.99    | CP-OFDM 256 QAM | 78@0  | 27.831    | 29.33         |
| 41      | 30        | 40              | 518598 | 2592.99    | CP-OFDM QPSK    | 106@0 | 37.865    | 39.37         |
| 41      | 30        | 40              | 518598 | 2592.99    | CP-OFDM 16 QAM  | 106@0 | 37.887    | 39.86         |



|    |    |     |        |         |                    |       |        |       |
|----|----|-----|--------|---------|--------------------|-------|--------|-------|
| 41 | 30 | 40  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 106@0 | 37.872 | 39.56 |
| 41 | 30 | 40  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 106@0 | 37.853 | 39.55 |
| 41 | 30 | 50  | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 133@0 | 47.473 | 49.35 |
| 41 | 30 | 50  | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 133@0 | 47.535 | 49.5  |
| 41 | 30 | 50  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 133@0 | 47.461 | 49.45 |
| 41 | 30 | 50  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 133@0 | 47.368 | 49.36 |
| 41 | 30 | 60  | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 162@0 | 57.889 | 60.02 |
| 41 | 30 | 60  | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 162@0 | 57.912 | 59.92 |
| 41 | 30 | 60  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 162@0 | 57.72  | 59.86 |
| 41 | 30 | 60  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 162@0 | 57.909 | 59.65 |
| 41 | 30 | 70  | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 189@0 | 67.426 | 70.23 |
| 41 | 30 | 70  | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 189@0 | 67.551 | 69.71 |
| 41 | 30 | 70  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 189@0 | 67.596 | 69.75 |
| 41 | 30 | 70  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 189@0 | 67.624 | 69.71 |
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 217@0 | 77.479 | 79.92 |
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 217@0 | 77.344 | 79.84 |
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 217@0 | 77.578 | 80.04 |
| 41 | 30 | 80  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 217@0 | 77.454 | 79.99 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 245@0 | 87.512 | 90.21 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 245@0 | 87.459 | 90.3  |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 245@0 | 87.345 | 90.31 |
| 41 | 30 | 90  | 518598 | 2592.99 | CP-OFDM<br>256 QAM | 245@0 | 87.595 | 90.26 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>QPSK    | 273@0 | 97.533 | 100.5 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>16 QAM  | 273@0 | 97.417 | 100.5 |
| 41 | 30 | 100 | 518598 | 2592.99 | CP-OFDM<br>64 QAM  | 273@0 | 97.043 | 100.6 |



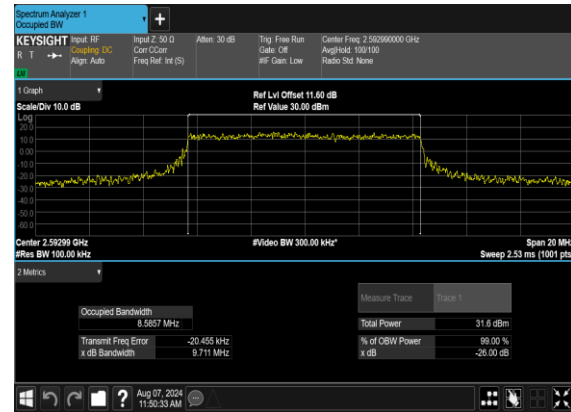
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|----|----|-----|--------|---------|--------------------|-------|--------|-------|
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|----|----|-----|--------|---------|--------------------|-------|--------|-------|



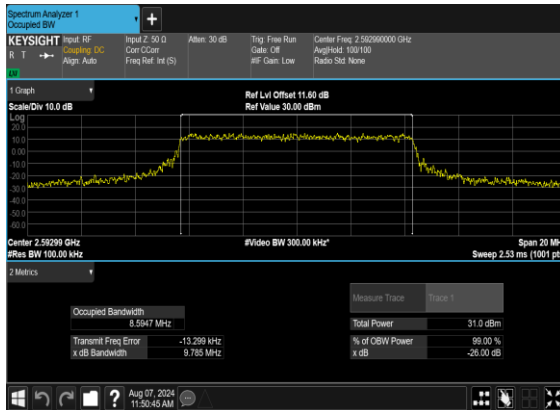
N41(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



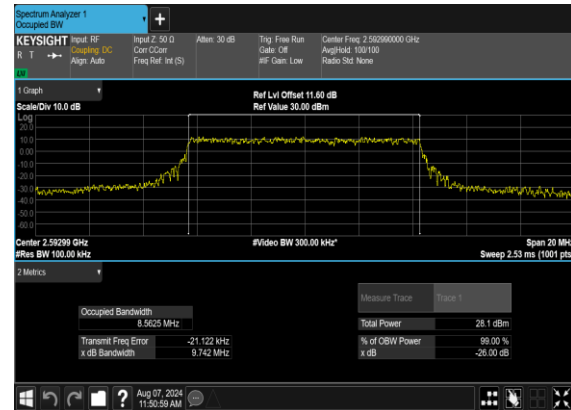
N41(10M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(10M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

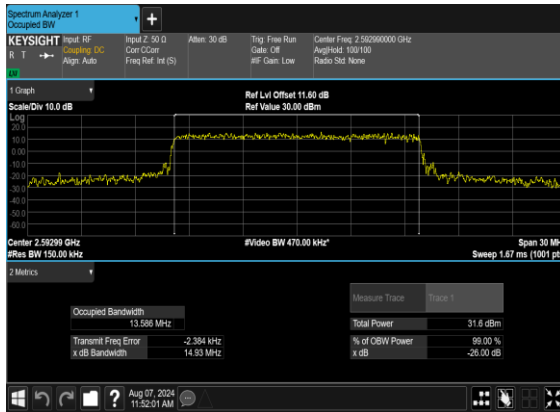


N41(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

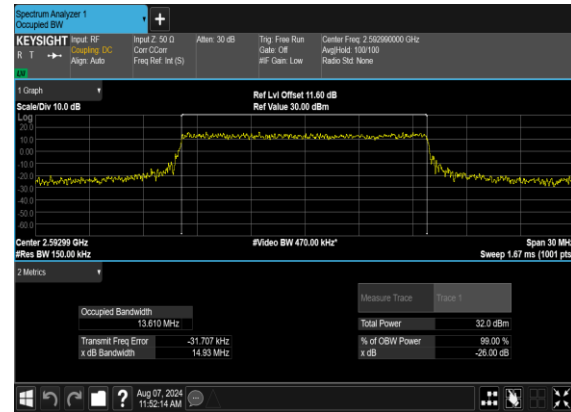




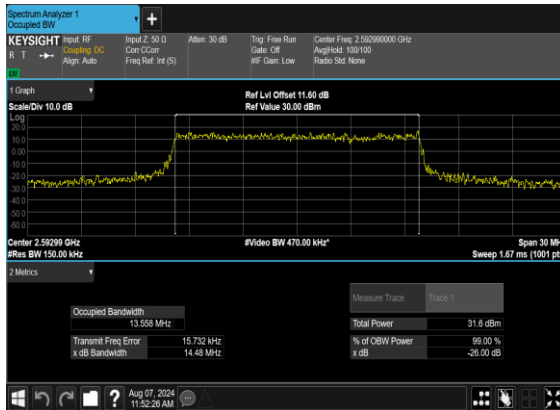
N41(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



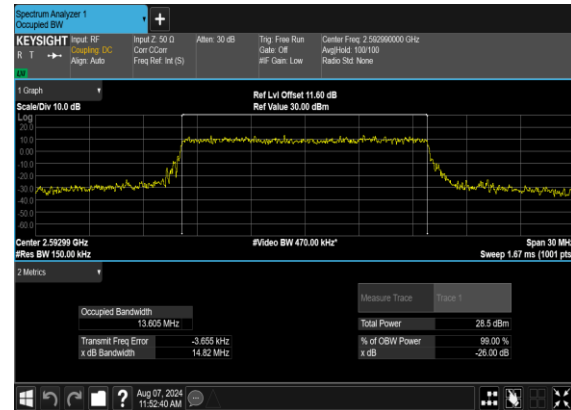
N41(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

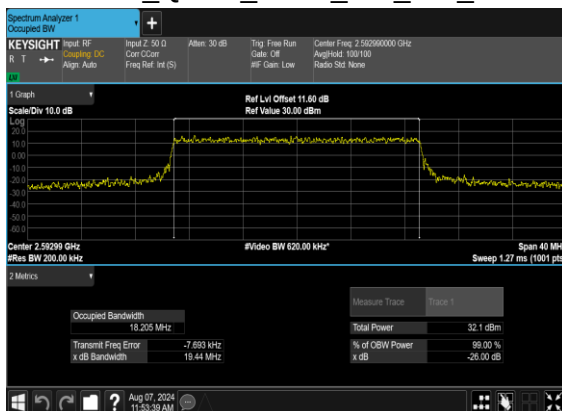


N41(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

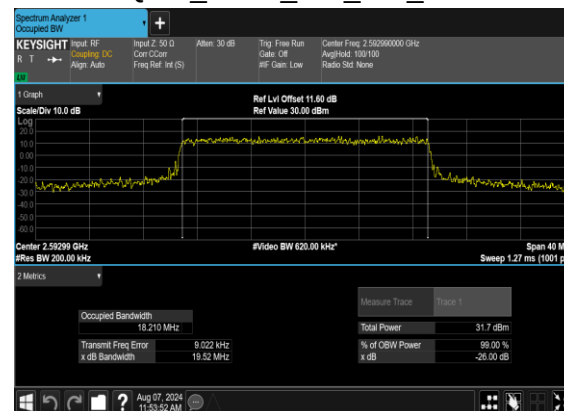




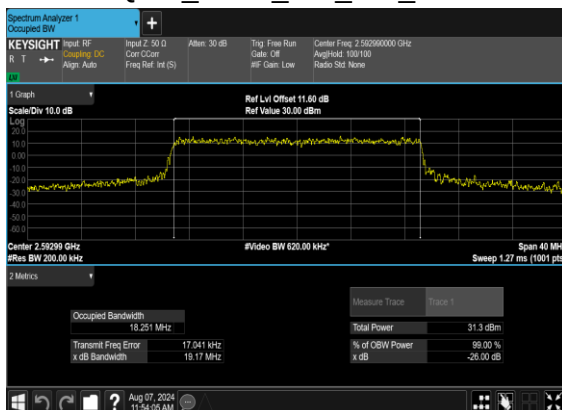
N41(20M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N41(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

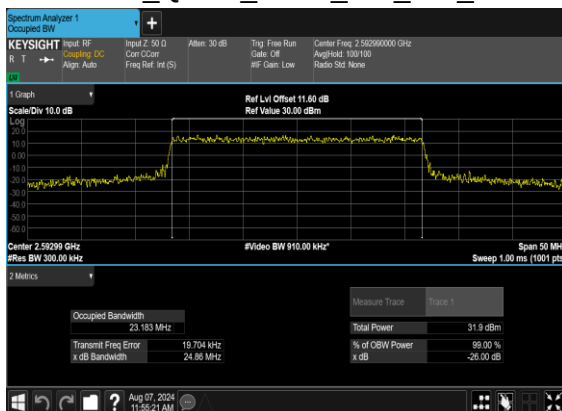


N41(20M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

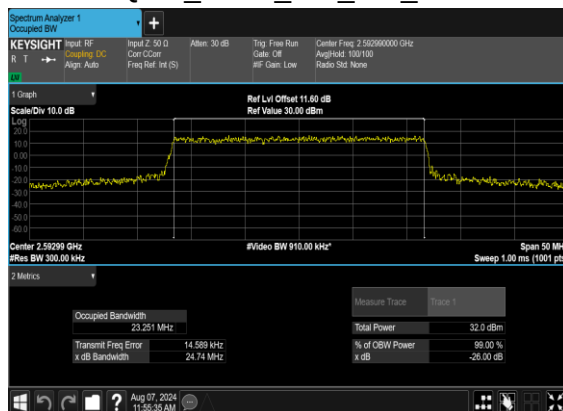




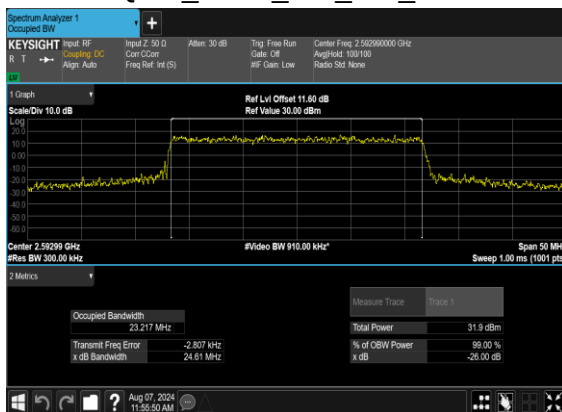
N41(25M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



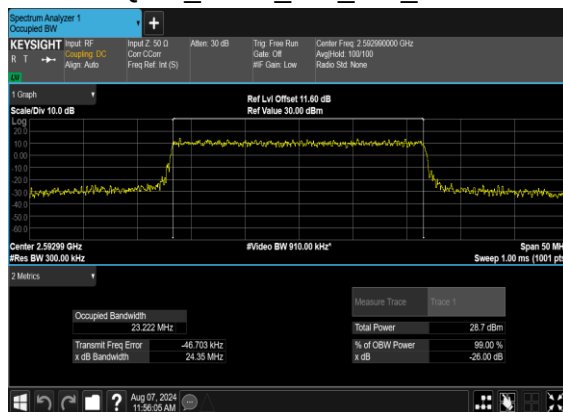
N41(25M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(25M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

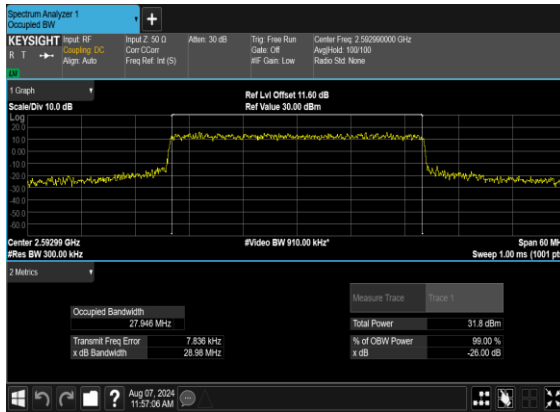


N41(25M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

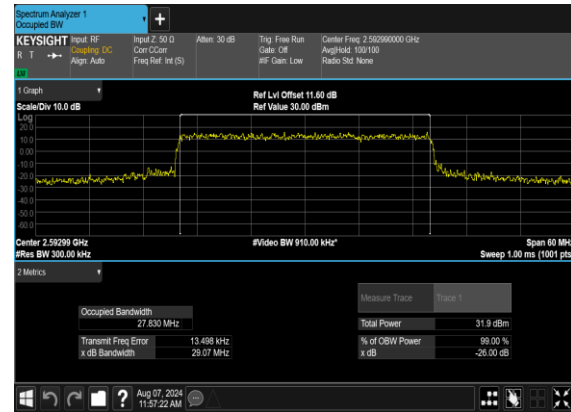




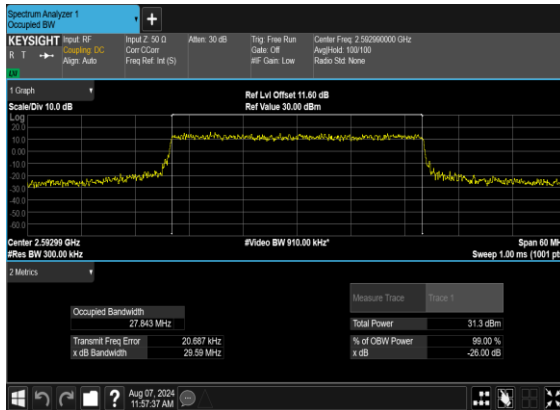
N41(30M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N41(30M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N41(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



N41(30M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

