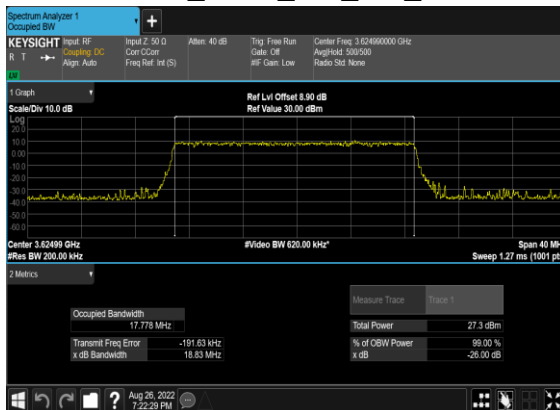
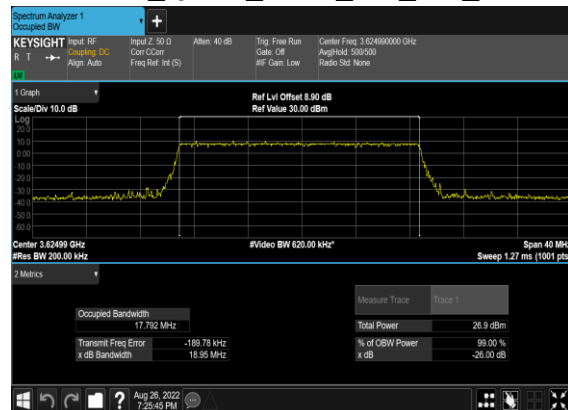


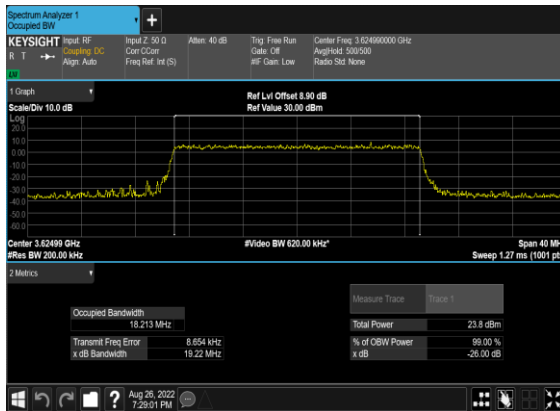
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BPSK\_Outer\_Full\_Mid\_CH



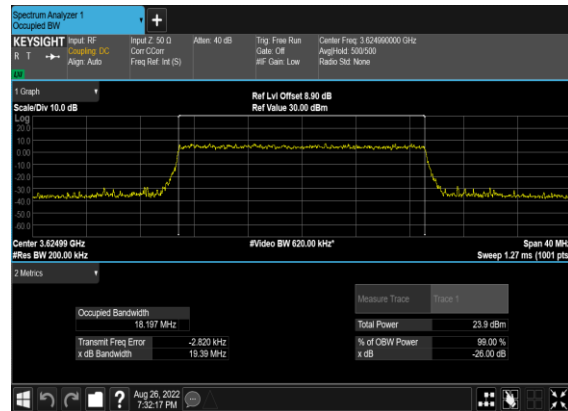
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



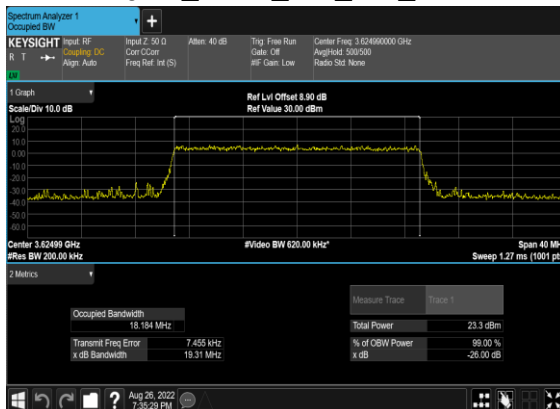
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



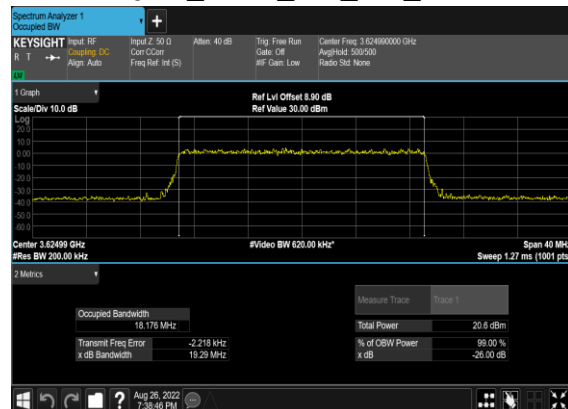
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QAM\_Outer\_Full\_Mid\_CH



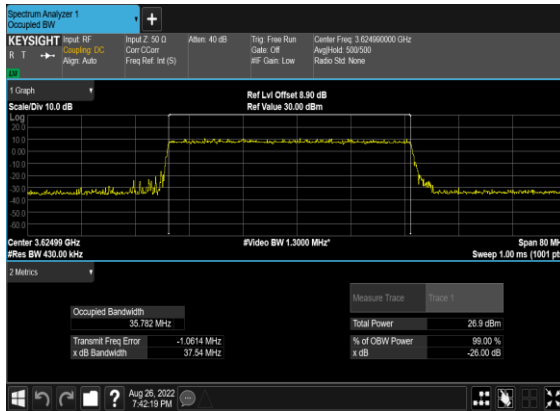
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QAM\_Outer\_Full\_Mid\_CH



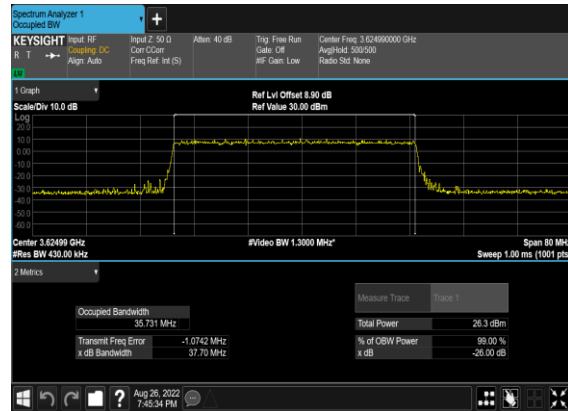
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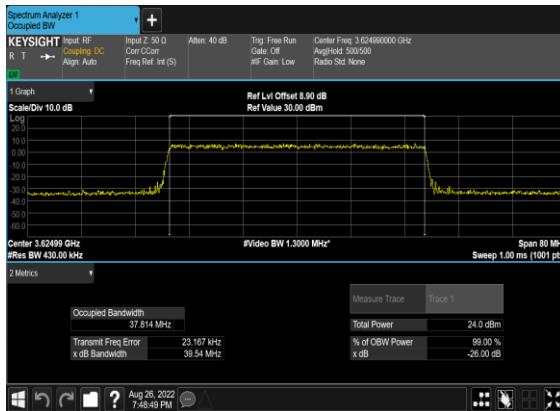
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BPSK\_Outer\_Full\_Mid\_CH



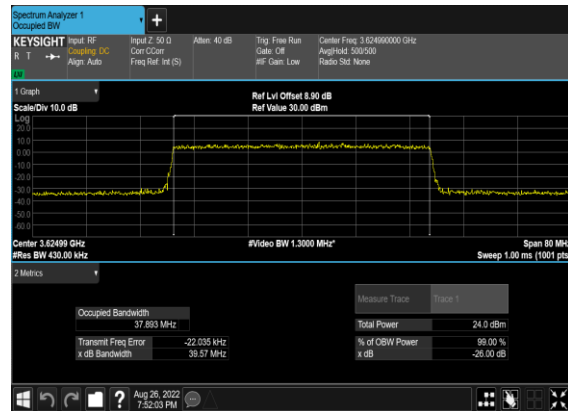
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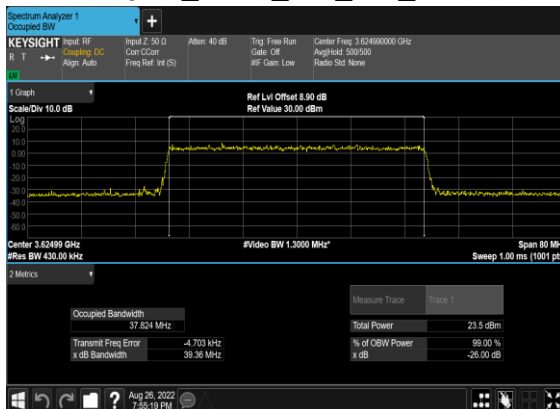
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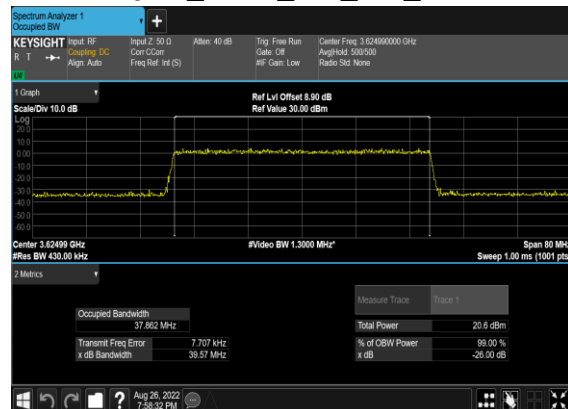
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QAM\_Outer\_Full\_Mid\_CH



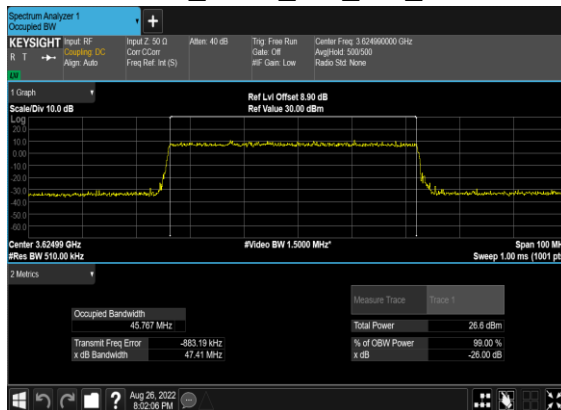
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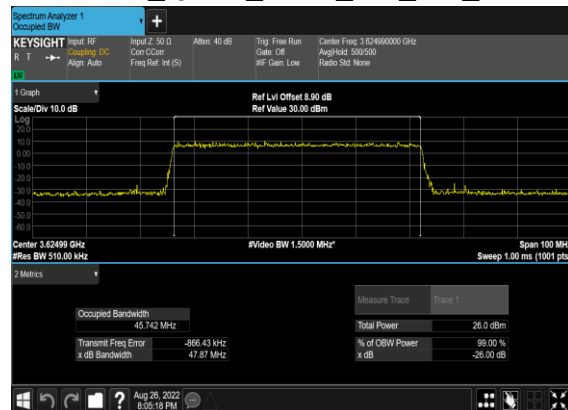
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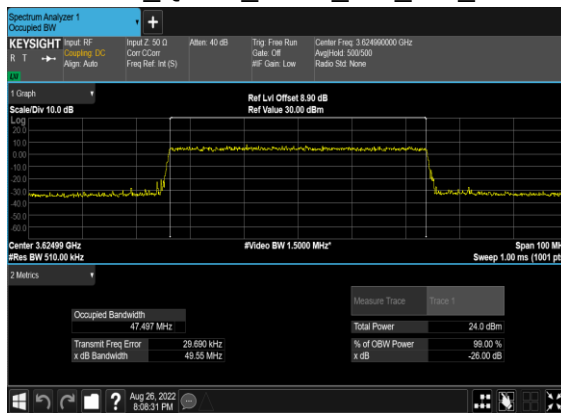
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BPSK\_Outer\_Full\_Mid\_CH



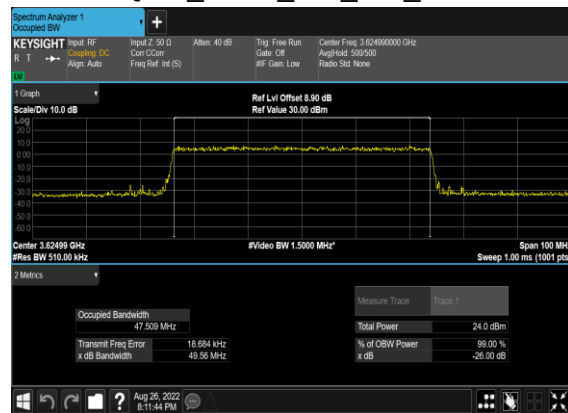
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



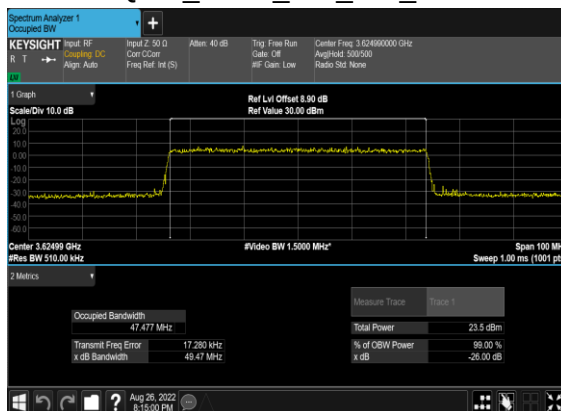
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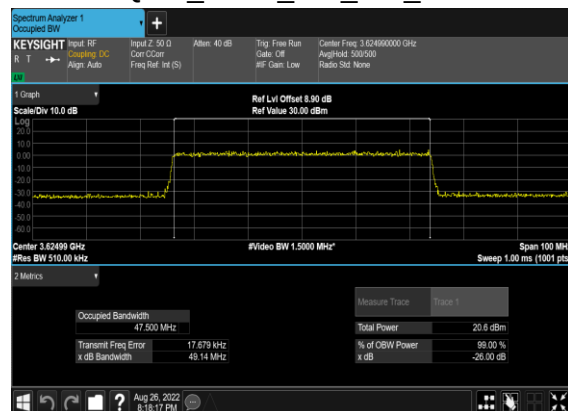
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QAM\_Outer\_Full\_Mid\_CH



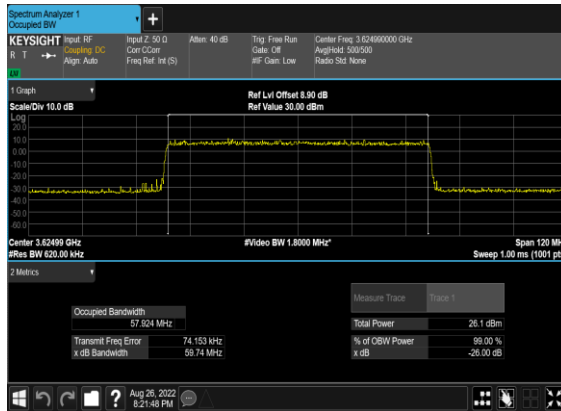
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QAM\_Outer\_Full\_Mid\_CH



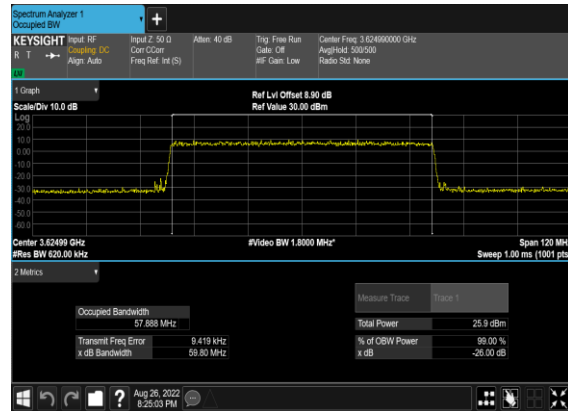
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QAM\_Outer\_Full\_Mid\_CH



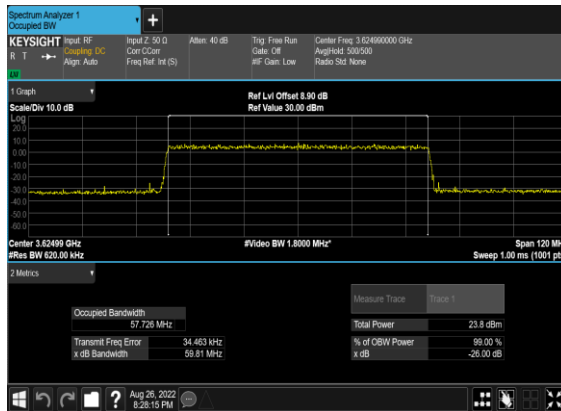
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BPSK\_Outer\_Full\_Mid\_CH



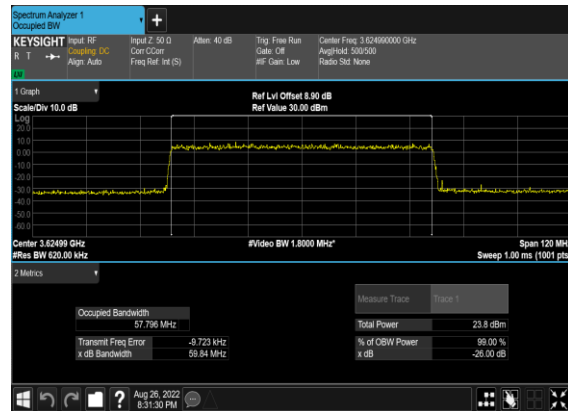
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



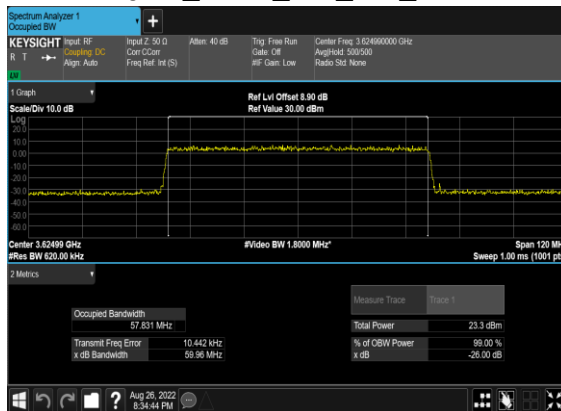
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



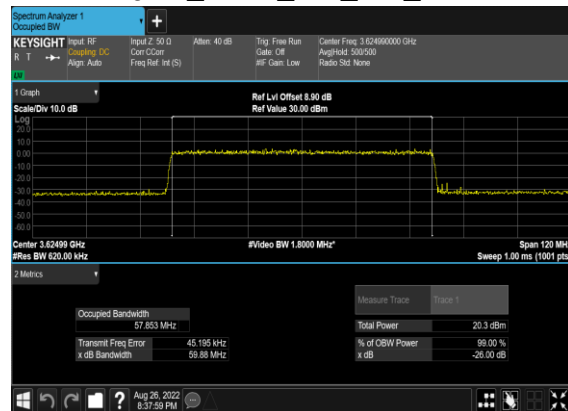
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QAM\_Outer\_Full\_Mid\_CH



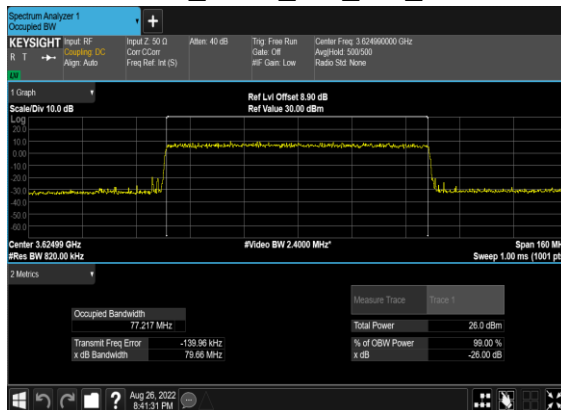
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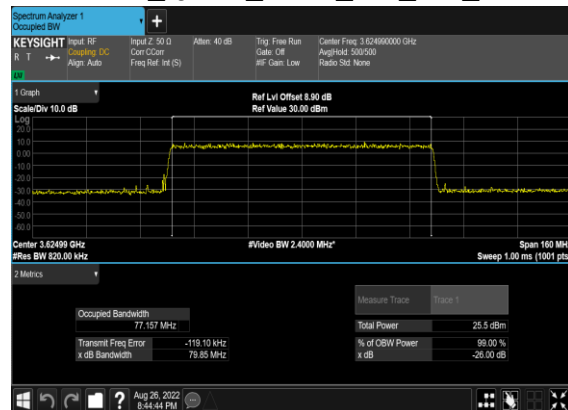
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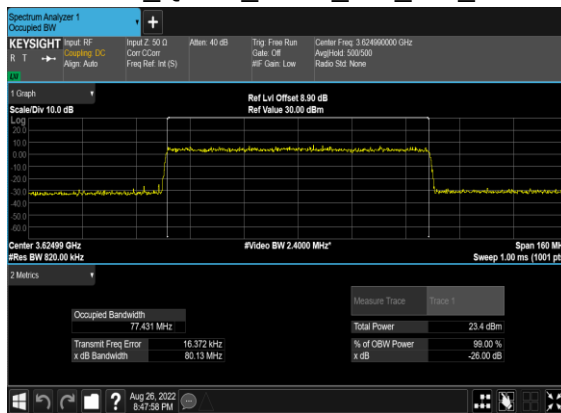
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BPSK\_Outer\_Full\_Mid\_CH



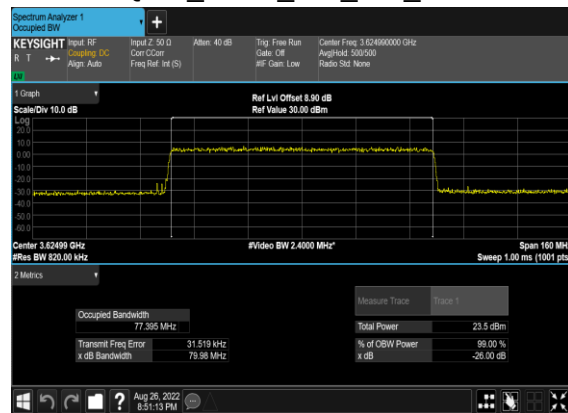
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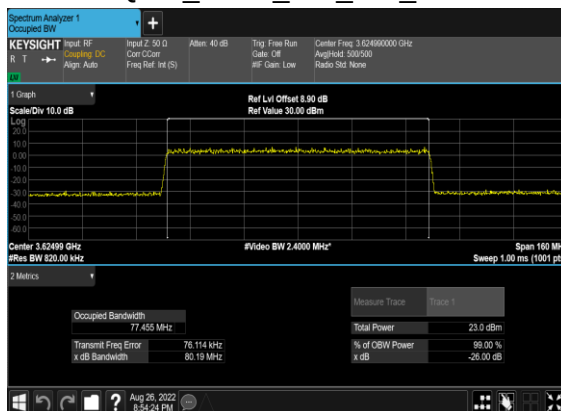
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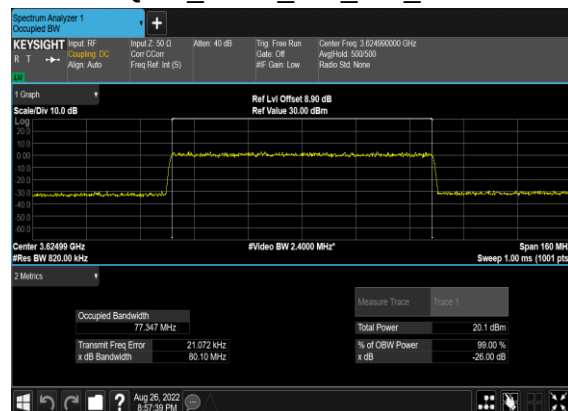
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QAM\_Outer\_Full\_Mid\_CH



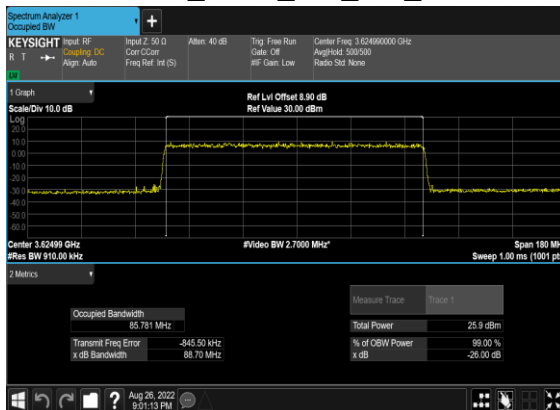
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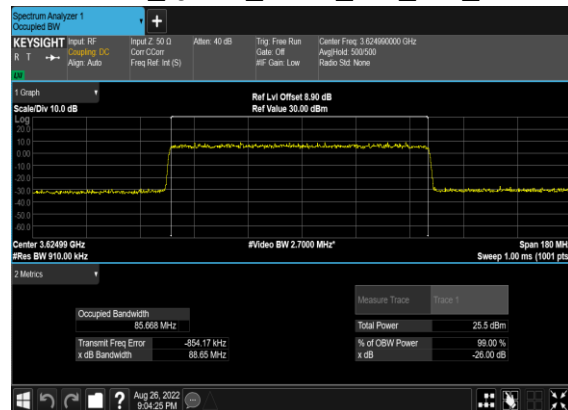
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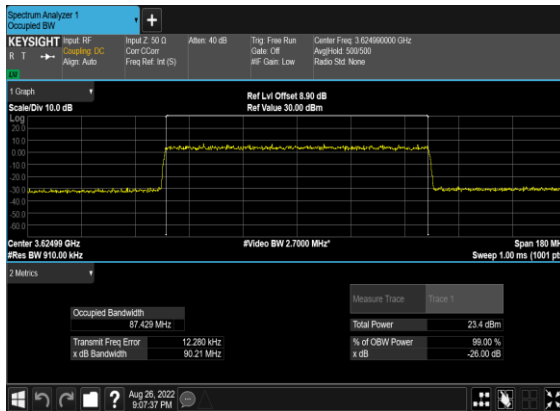
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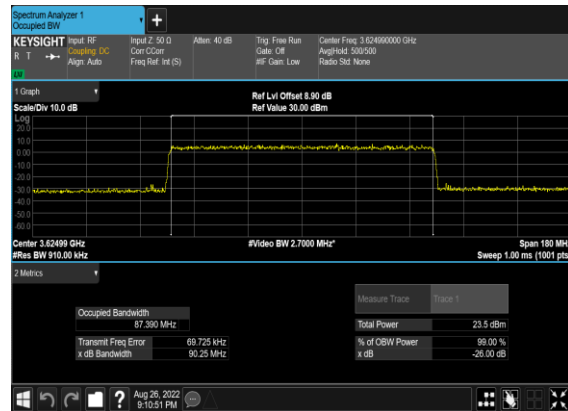
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



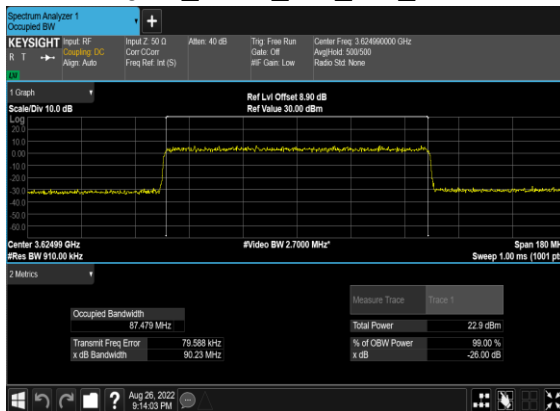
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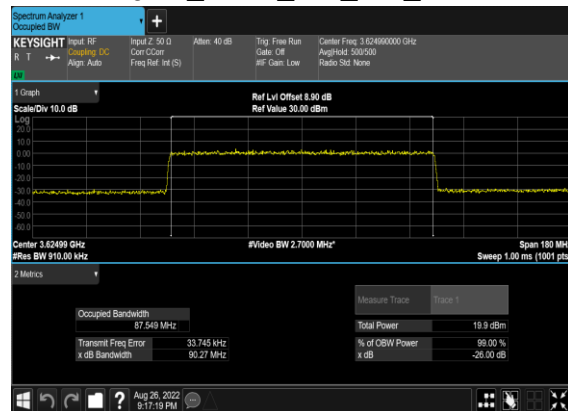
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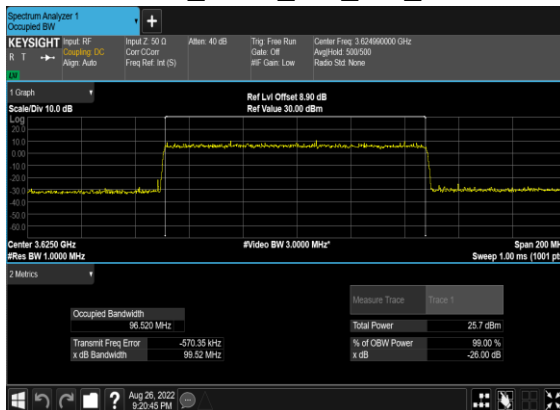
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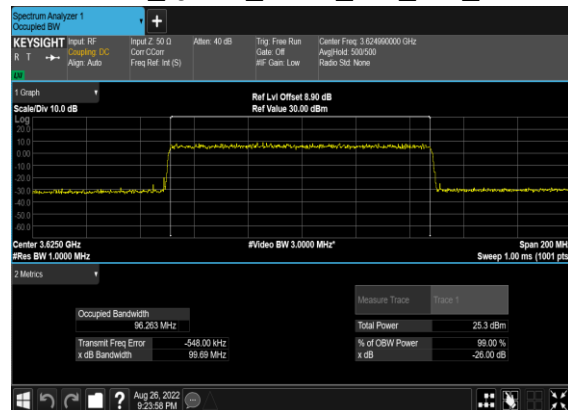
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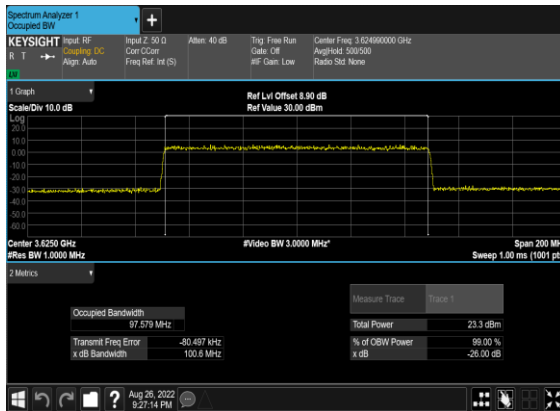
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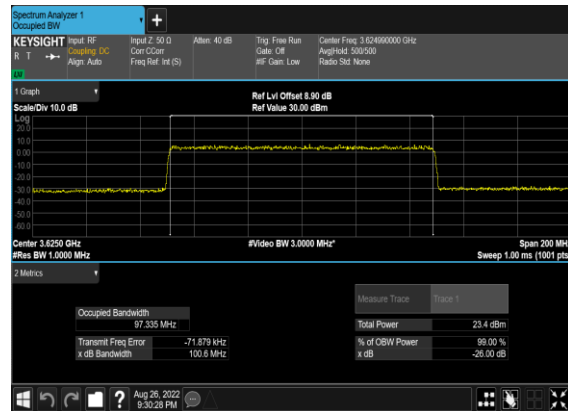
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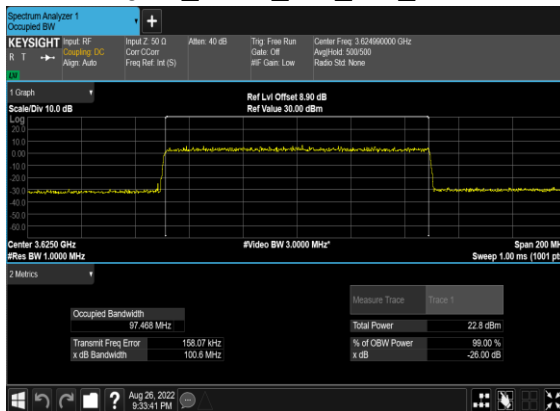
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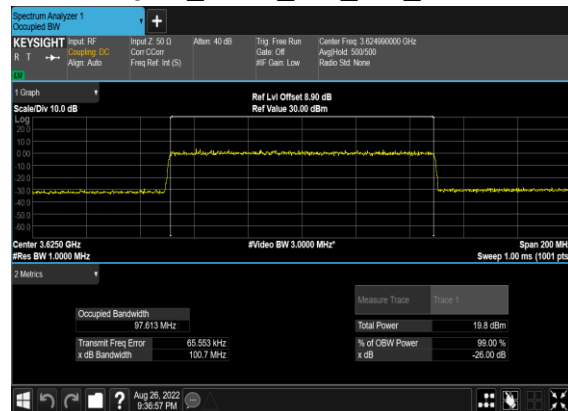
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QAM\_Outer\_Full\_Mid\_CH



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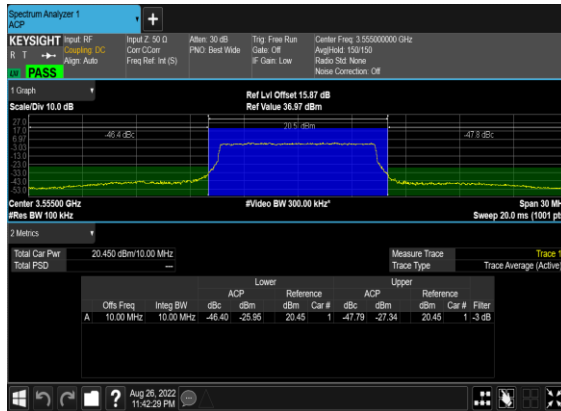
## Adjacent Channel Leakage Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB    | Lower Margin | Upper Margin | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|-------|--------------|--------------|-----------|---------|
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM PI/2 BPSK | 24@0  | -16.4        | -17.79       | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM PI/2 BPSK | 1@0   | -12.6        | -20.84       | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM PI/2 BPSK | 1@23  | -20.92       | -12.15       | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK      | 24@0  | -15.4        | -16.8        | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK      | 1@0   | -11.84       | -20.41       | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK      | 1@23  | -20.3        | -12.6        | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM PI/2 BPSK | 24@0  | -16.55       | -16.59       | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM PI/2 BPSK | 1@0   | -12.98       | -21.07       | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM PI/2 BPSK | 1@23  | -20.48       | -11.51       | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM QPSK      | 24@0  | -16.19       | -15.86       | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM QPSK      | 1@0   | -13.46       | -19.82       | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM QPSK      | 1@23  | -16.73       | -11.8        | see graph | PASS    |
| 48      | 30        | 10              | 646332 | 3694.98    | DFT-s-OFDM PI/2 BPSK | 24@0  | -15.05       | -14.22       | see graph | PASS    |
| 48      | 30        | 10              | 646332 | 3694.98    | DFT-s-OFDM PI/2 BPSK | 1@0   | -11.44       | -17.56       | see graph | PASS    |
| 48      | 30        | 10              | 646332 | 3694.98    | DFT-s-OFDM PI/2 BPSK | 1@23  | -18.57       | -12.21       | see graph | PASS    |
| 48      | 30        | 10              | 646332 | 3694.98    | DFT-s-OFDM QPSK      | 24@0  | -13.41       | -12.56       | see graph | PASS    |
| 48      | 30        | 10              | 646332 | 3694.98    | DFT-s-OFDM QPSK      | 1@0   | -11.62       | -17.82       | see graph | PASS    |
| 48      | 30        | 10              | 646332 | 3694.98    | DFT-s-OFDM QPSK      | 1@23  | -17.65       | -11.95       | see graph | PASS    |
| 48      | 30        | 50              | 638334 | 3575.01    | DFT-s-OFDM PI/2 BPSK | 128@0 | -13.46       | -13.36       | see graph | PASS    |
| 48      | 30        | 50              | 638334 | 3575.01    | DFT-s-OFDM PI/2 BPSK | 1@0   | -9.16        | -14.21       | see graph | PASS    |
| 48      | 30        | 50              | 638334 | 3575.01    | DFT-s-OFDM PI/2 BPSK | 1@132 | -14.22       | -8.6         | see graph | PASS    |
| 48      | 30        | 50              | 638334 | 3575.01    | DFT-s-OFDM QPSK      | 128@0 | -12.92       | -12.76       | see graph | PASS    |

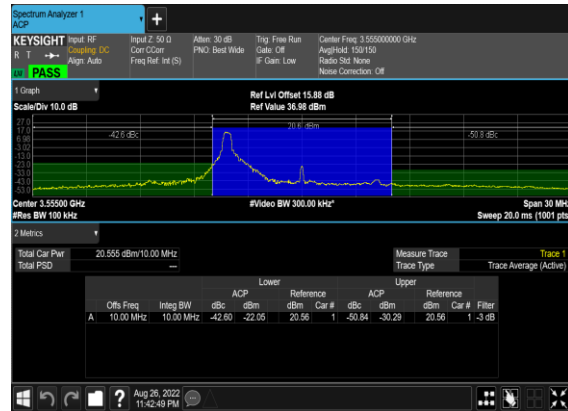
|    |    |     |        |         |                      |       |        |        |           |      |
|----|----|-----|--------|---------|----------------------|-------|--------|--------|-----------|------|
| 48 | 30 | 50  | 638334 | 3575.01 | DFT-s-OFDM QPSK      | 1@0   | -9.31  | -13.76 | see graph | PASS |
| 48 | 30 | 50  | 638334 | 3575.01 | DFT-s-OFDM QPSK      | 1@132 | -14.1  | -9.56  | see graph | PASS |
| 48 | 30 | 50  | 641666 | 3624.99 | DFT-s-OFDM PI/2 BPSK | 128@0 | -13.3  | -12.82 | see graph | PASS |
| 48 | 30 | 50  | 641666 | 3624.99 | DFT-s-OFDM PI/2 BPSK | 1@0   | -9.35  | -13.15 | see graph | PASS |
| 48 | 30 | 50  | 641666 | 3624.99 | DFT-s-OFDM PI/2 BPSK | 1@132 | -14.7  | -9.09  | see graph | PASS |
| 48 | 30 | 50  | 641666 | 3624.99 | DFT-s-OFDM QPSK      | 128@0 | -12.54 | -12.03 | see graph | PASS |
| 48 | 30 | 50  | 641666 | 3624.99 | DFT-s-OFDM QPSK      | 1@0   | -9.2   | -13.29 | see graph | PASS |
| 48 | 30 | 50  | 641666 | 3624.99 | DFT-s-OFDM QPSK      | 1@132 | -13.13 | -8.42  | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0  | DFT-s-OFDM PI/2 BPSK | 128@0 | -12.62 | -11.76 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0  | DFT-s-OFDM PI/2 BPSK | 1@0   | -8.47  | -13.82 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0  | DFT-s-OFDM PI/2 BPSK | 1@132 | -15.11 | -10.83 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0  | DFT-s-OFDM QPSK      | 128@0 | -11.54 | -10.82 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0  | DFT-s-OFDM QPSK      | 1@0   | -8.8   | -11.64 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0  | DFT-s-OFDM QPSK      | 1@132 | -14.23 | -9.01  | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM PI/2 BPSK | 270@0 | -13.08 | -10.15 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM PI/2 BPSK | 1@0   | -9.43  | -10.96 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM PI/2 BPSK | 1@272 | -14.73 | -8.03  | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM QPSK      | 270@0 | -12.18 | -9.44  | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM QPSK      | 1@0   | -9.57  | -10.95 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM QPSK      | 1@272 | -14.04 | -7.41  | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM PI/2 BPSK | 270@0 | -12.72 | -9.63  | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM PI/2 BPSK | 1@0   | -9.69  | -10.72 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM PI/2 BPSK | 1@272 | -13.93 | -6.65  | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK      | 270@0 | -12.0  | -8.85  | see graph | PASS |

|    |    |     |        |         |                      |       |        |       |           |      |
|----|----|-----|--------|---------|----------------------|-------|--------|-------|-----------|------|
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK      | 1@0   | -7.99  | -9.6  | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK      | 1@272 | -14.33 | -8.1  | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM PI/2 BPSK | 270@0 | -12.32 | -9.17 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM PI/2 BPSK | 1@0   | -7.81  | -9.44 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM PI/2 BPSK | 1@272 | -14.08 | -7.42 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK      | 270@0 | -11.65 | -8.39 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK      | 1@0   | -8.87  | -9.95 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK      | 1@272 | -13.99 | -7.66 | see graph | PASS |

N48(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



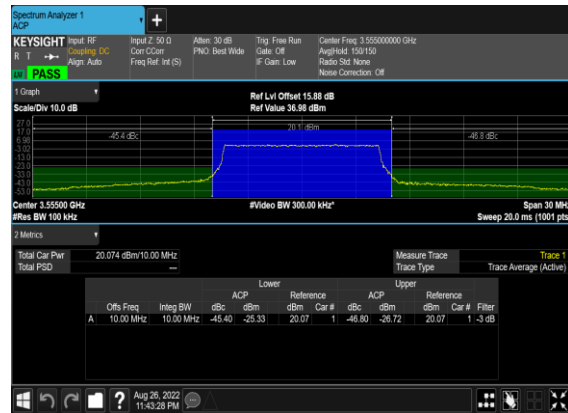
N48(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



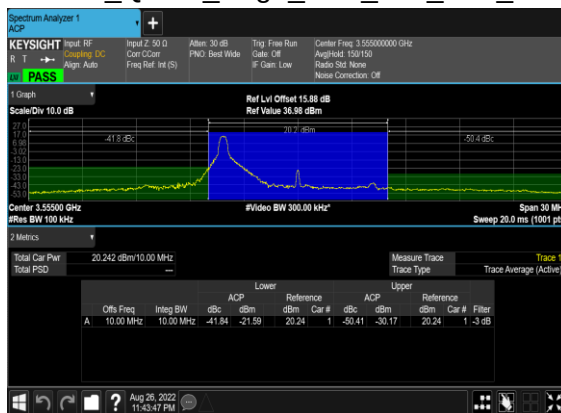
N48(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Right\_Low\_CH



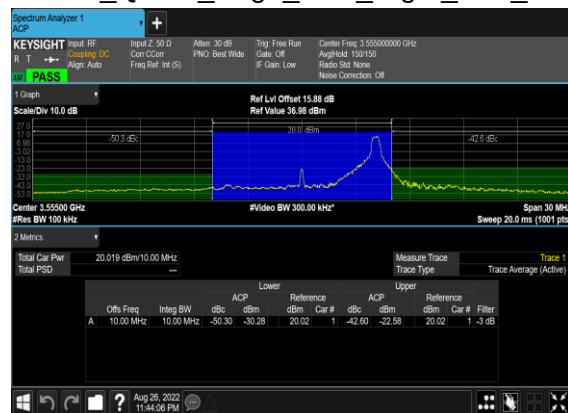
N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



**Keysight Spectrum Analyzer 1**  
**ACP**

**KEYSIGHT** Input: RF  
 R T →→→ Coupling: DC  
 Align: Auto

Input 2: 50 Ω  
 Corr: CCW  
 Freq Ref: Int (s)

Att: 30 dB  
 PWR: Best Wide

Trig: Free Run  
 Gate: Off  
 IF Gain: Low

Center Freq: 3.62490000 GHz  
 Span: 30 MHz  
 Res BW: 100 kHz  
 Noise Correction: Off

Ref Lvl Offset: 15.08 dBm  
 Ref Value: 36.98 dBm

1 Graph  
 Scale/Div: 100 dB

17.0  
 16.0  
 15.0  
 14.0  
 13.0  
 12.0  
 11.0  
 10.0  
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Center: 3.62490 GHz  
 #Res BW 100 kHz

#Video BW 300.00 kHz

Span 30 MHz  
 Sweep 20.0 ms (1001 pt)

2 Metrics

Total Car Pwr: 19.749 dBm/10.00 MHz  
 Total PSD: -

Measure Trace  
 Trace Type: Trace Average (Active)

| Offs Freq | Integ BW  | dBc       | ACP    | Lower  | Reference | ACP | Upper  | Reference | Filter  |
|-----------|-----------|-----------|--------|--------|-----------|-----|--------|-----------|---------|
|           |           |           | dBm    | dBm    | dBm       | dBm | dBm    | dBm       |         |
| A         | 10.00 MHz | 10.00 MHz | -46.55 | -26.80 | 19.75     | 1   | -46.59 | -26.84    | 1 -3 dB |

Aug 26, 2022  
 11:45:09 PM

Spectrum Analyzer 1 ACP

KEYSTROKES: Input RF, Changing DC, Auto, Align, Auto, Attain: 30 dB, PNO: Best Wide, Trig: Free Run, Gate: Off, Center Freq: 3.62490000 GHz, Assigned: 153150, Rates Set: None, Noise Correction: Off

1 Graph

Scale Div: 10.0 dB

Ref Lvl Offset: 15.00 dB, Ref Value: 36.96 dBm

Center 3.62490 GHz, Span 30 MHz, Sweep 20.0 ms (1001 pts)

Video BW 300.00 MHz

2 Metrics

| Metric          | Value                |
|-----------------|----------------------|
| Total Car Power | 21.796 dBm/10.00 MHz |
| Total PSD       | -                    |

| Lower        |           |        |        | Upper     |     |           |         |
|--------------|-----------|--------|--------|-----------|-----|-----------|---------|
| Offs Freq    | Integ BW  | dBc    | dBm    | Reference | ACP | Reference | ACP     |
| A: 10.00 MHz | 10.00 MHz | -42.98 | -21.18 | 21.80     | 1   | -51.07    | -29.27  |
|              |           |        |        |           |     | 21.80     | 1 -3 dB |

Aug 26, 2002 11:45:54 PM

**Spectrum Analyzer 1 ACP**

**KEYSIGHT** Input RF  
 R T → → → → →  
 Centering DC  
 Align Auto

Input Z: 50 Ω  
 Corr CCW  
 Freq Ref Int (s)

Att: 30 dB  
 PWR Best Wide

Trig Free Run  
 Gate: Off  
 IF Gain: Low

Center Freq: 3.62490000 GHz  
 ARefHz: 101150  
 Ratio Set None  
 Noise Correction: Off

**1 Graph**  
 Scale/Div 10.0 dB  
 11.0 dB  
 10.0 dB  
 9.0 dB  
 8.0 dB  
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 -349.0 dB

Spectrum Analyzer 1 ACP

KEYSIGHT Input: RF Center Freq: 10.000000 GHz  
 R T → Span: 20.0 MHz  
 ACP Auto

Att: 30 dB PWD: Best Wide Trig: Freq Run Gate: Off  
 Ref Lvl: 101150 Rate: Src: None  
 Noise Correction: Off

1 Graph Scale/Div: 10.0 dB

Ref Lvl Offset: 15.01 dB Ref Value: 36.91 dBm

Center: 3.62490 kHz Span: 30 MHz  
 #Res BW: 100 kHz Sweep: 20.0 ms (1001 pts)

2 Metrics

| Metric          | Value                 |
|-----------------|-----------------------|
| Total Car Power | -19.994 dBm/10.00 MHz |
| Total PSD       | -                     |

| ACP       |           | Lower     |        | Reference |       | ACP |        | Upper  |       | Reference |  |
|-----------|-----------|-----------|--------|-----------|-------|-----|--------|--------|-------|-----------|--|
| Offs Freq | Integ BW  | dBc       | dBm    | dBm       | Car # | dBc | dBm    | dBm    | Car # | Filter    |  |
| A         | 10.00 MHz | 10.00 MHz | -46.19 | -26.80    | 19.39 | 1   | -45.86 | -26.47 | 19.39 | 1 -3 dB   |  |

Spectrum Analyzer 1  
ACP

KEYSIGHT Input RF  
R T → Creating DC  
Align Auto

Input Z: 50 Ω  
Corr CCor  
Freq Ref Int (S)

Attenu: 30 dB  
PNO: Best Wide

Trig Free Run  
Gate: Off  
IF Gain: Low

Center Freq: 3.624900000 GHz  
Amp/Hz: 150/150  
Stats Std None  
Noise Correction: Off

1 Graph  
Scale/Div 10.0 dB

Ref Lvl Offset 15.62 dB  
Ref Value 36.82 dBm

43.5 dBc  
49.1 dBc

Video BW 300.00 MHz

Span 30 MHz  
Sweep 20.0 ms (1001 pts)

2 Metrics

Total Car Pwr 20.607 dBm/10.00 MHz  
Total PSD

Measure Trace  
Trace Type Trace Average (Active)

|   |           |           |        | ACP    | Lower | Reference |        | ACP    | Upper | Reference |        |
|---|-----------|-----------|--------|--------|-------|-----------|--------|--------|-------|-----------|--------|
|   | Offs Freq | Integ BW  | dBc    | dBm    | dBm   | Car #     |        | dBm    | dBm   | Car #     | Filter |
| A | 10.00 MHz | 10.00 MHz | -43.46 | -22.85 | 20.61 | 1         | -49.82 | -29.21 | 20.61 | 1         | -3 dB  |

Aug 26, 2025  
11:58:13 AM

**Spectrum Analyzer 1**  
ACP

**KEYSIGHT** Input: RF Output: DC  
R T → Coupling: DC  
Align: Auto

**low PASS**

1 Graph  
Scale/Div: 10.0 dB

Center Freq: 3.634900000 GHz  
Avg/Mod: 153/150  
Ratio: Std: None  
Noise Correction: Off

Ref Lvl Offset: 15.84 dB  
Ref Value: 36.94 dBm

Offset: -46.7 dBc  
Offset: 17.6 dBm  
Offset: -41.8 dBc

Center: 3.63490 GHz  
Res BW: 100 kHz  
Span: 10 MHz  
Sweep: 20.0 ms (1001 pts)

2 Metrics

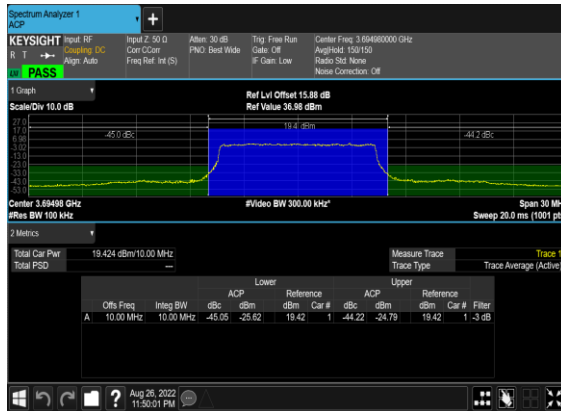
Total Car Pwr: 17.627 dBm/10.00 MHz  
Total PSD: —

Measure Trace: Trace Type  
Trace Average (Active)

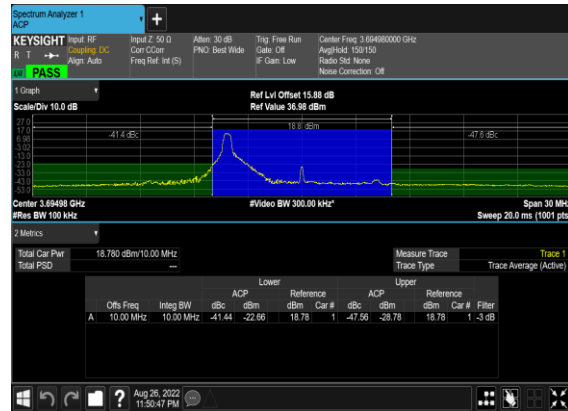
| Lower       |           |        |           | Upper |           |        |         |
|-------------|-----------|--------|-----------|-------|-----------|--------|---------|
| Offs Freq   | Integ BW  | ACP    | Reference | ACP   | Reference | Car #  | Filter  |
| dBc         | dBm       | dBm    | dBm       | dBm   | dBm       |        |         |
| A 10.00 MHz | 10.00 MHz | -46.73 | -29.10    | 17.63 | -41.80    | -24.17 | 1 -3 dB |

Aug 28, 2022 11:44:38 PM

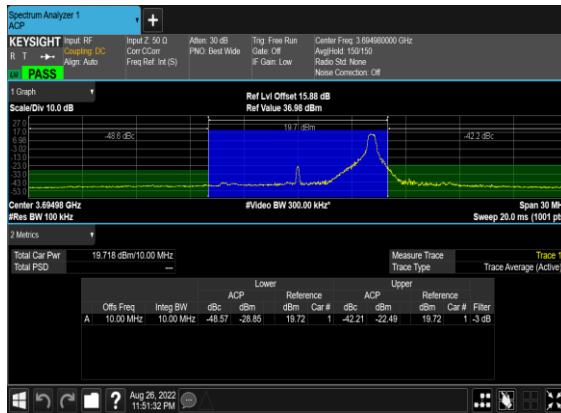
N48(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



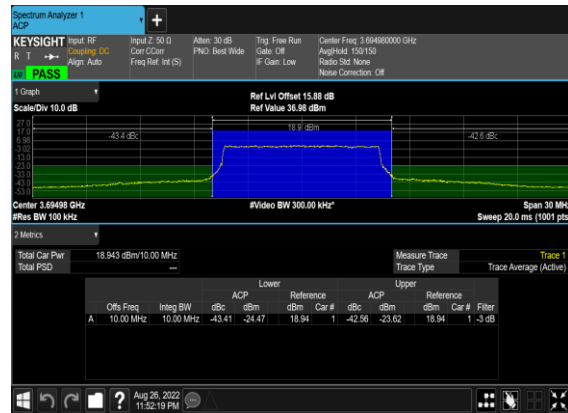
N48(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



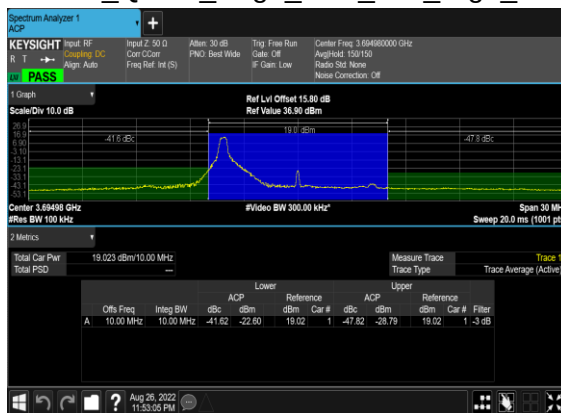
N48(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Right\_High\_CH



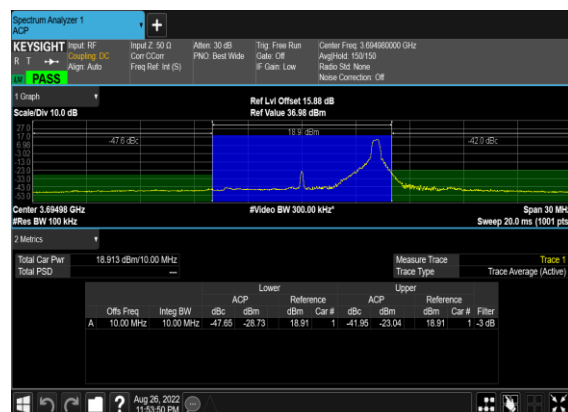
N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



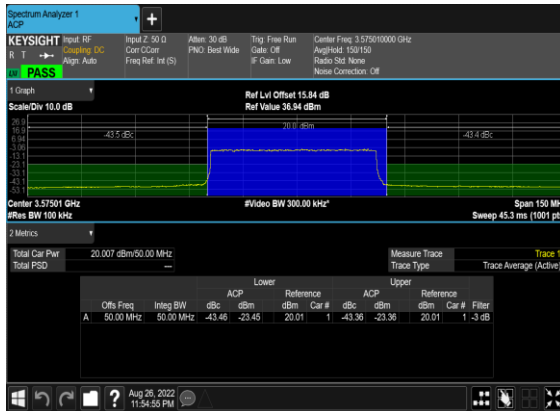
N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



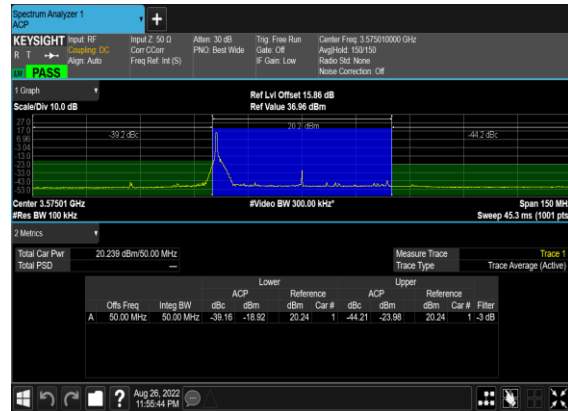
N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



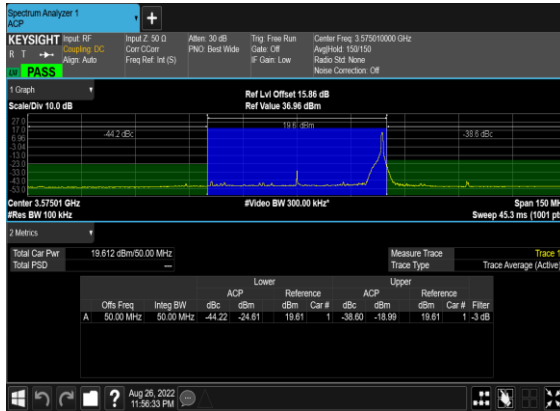
N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



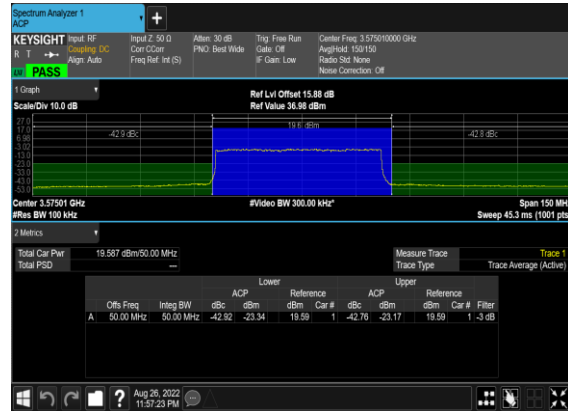
N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



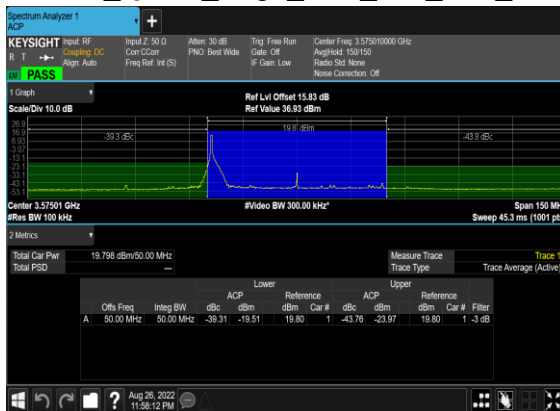
N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Right\_Low\_CH



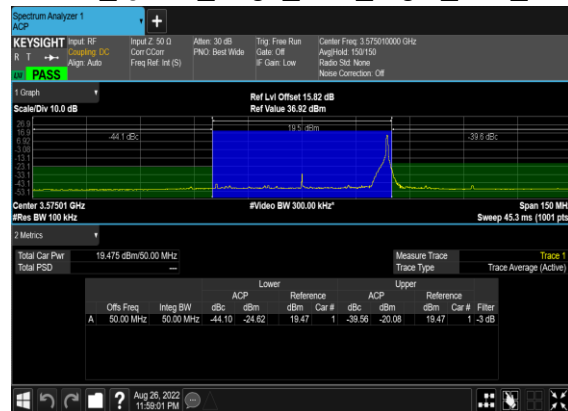
N48(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



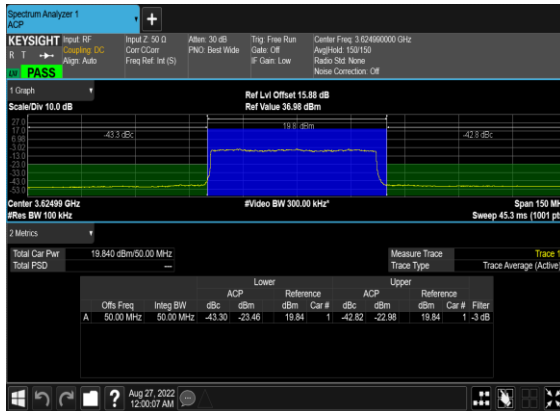
N48(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



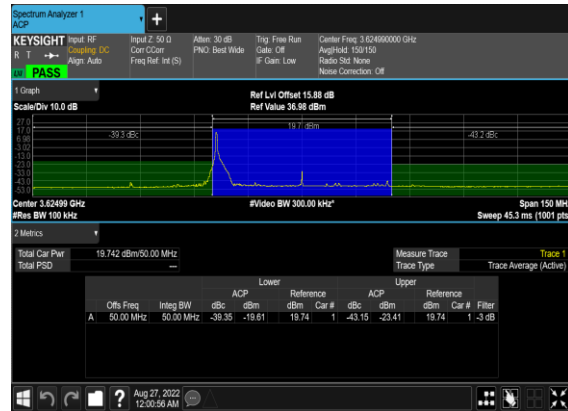
N48(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



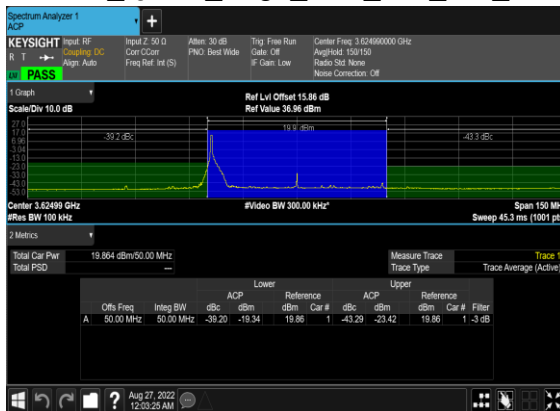
N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Right\_Mid\_CH



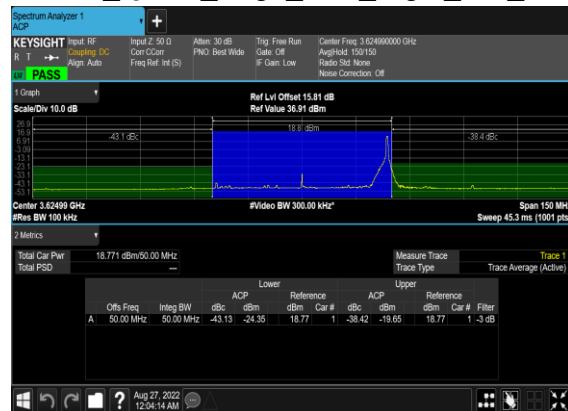
N48(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



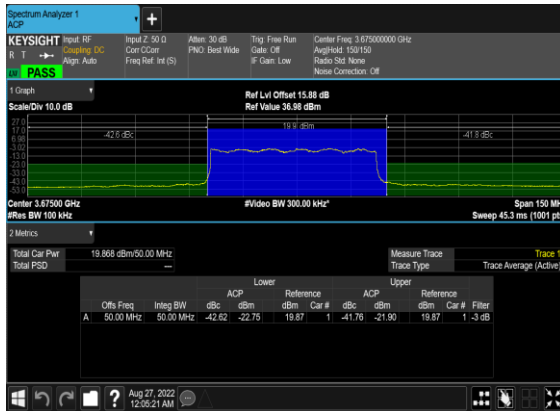
N48(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



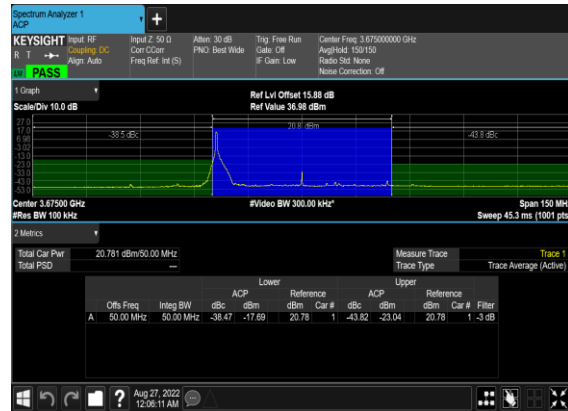
N48(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



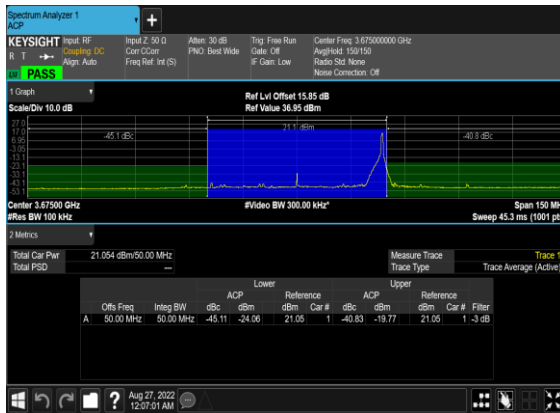
N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



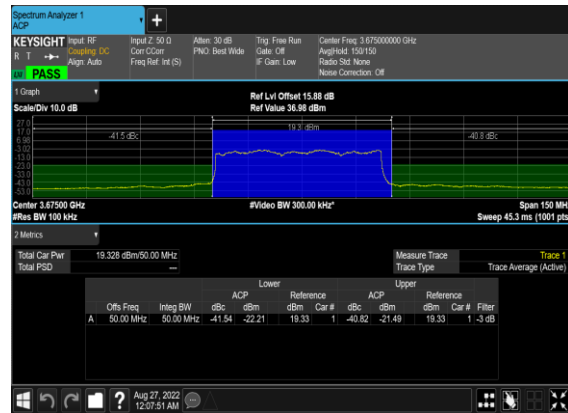
N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



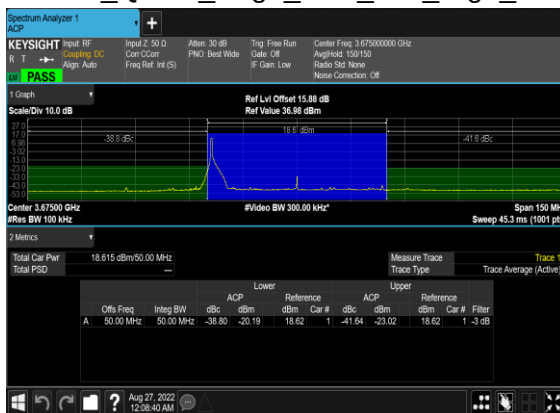
N48(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Right\_High\_CH



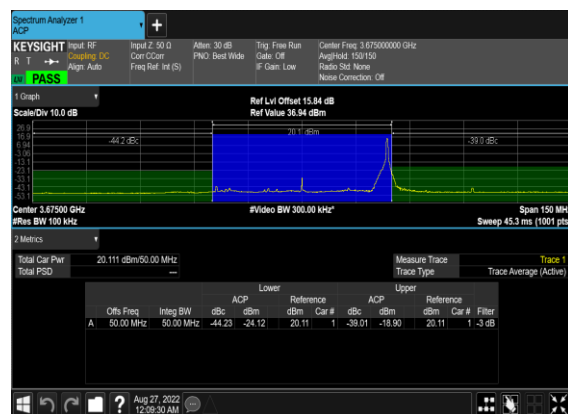
N48(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



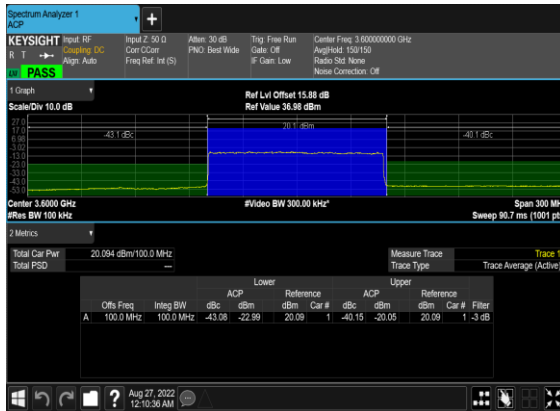
N48(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



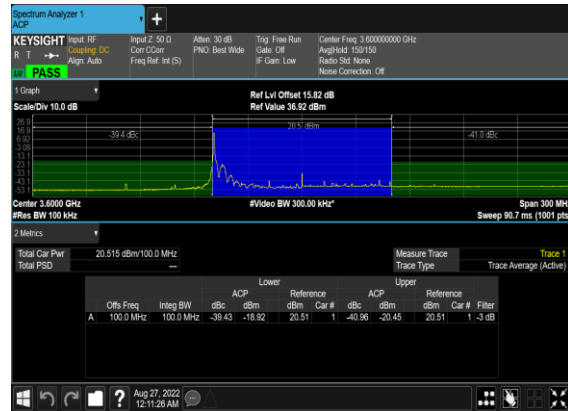
N48(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



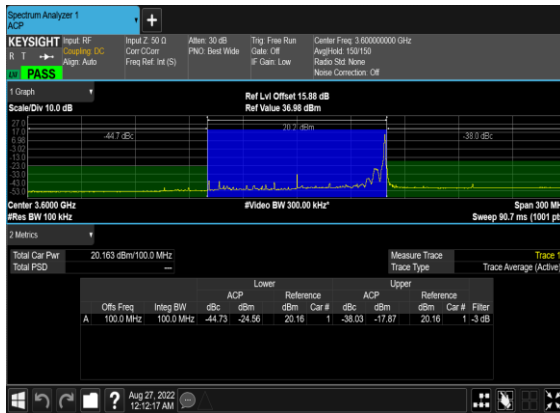
N48(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



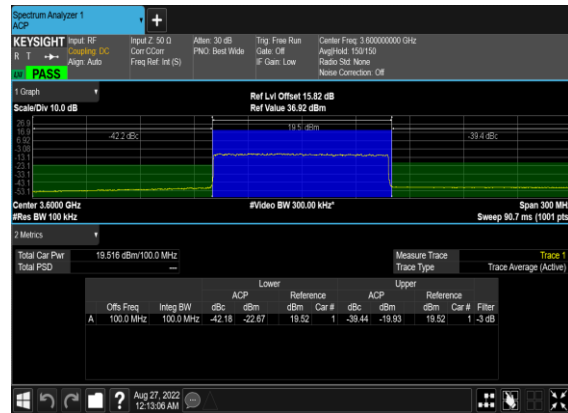
N48(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



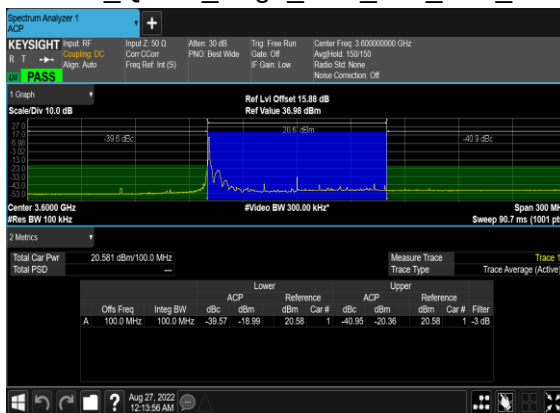
N48(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Right\_Low\_CH



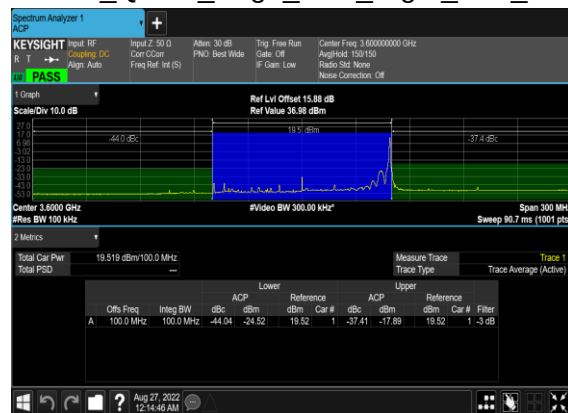
N48(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



Spectrum Analyzer 1  
ACP

KEYSTRT Input Ref:   
 R T → Channel OC  
 → Auto Align  
 ON PASS

Input Z: 50 Ω  
 Corr Coef  
 Freq Ref: Int (S)

Atten: 30 dB  
 PNO2 Best View

Trig Pres Run  
 Gate: Off  
 IF Gain Low

Center Freq: 3.62499000 GHz  
 Arg/Mod: 103150  
 Radio Set: None  
 Noise Correction: Off

1 Graph  
 Scale/Div 10.0 dB  
 20.0  
 19.0  
 18.0  
 17.0  
 16.0  
 15.0  
 14.0  
 13.0  
 12.0  
 11.0  
 10.0  
 9.0  
 8.0  
 7.0  
 6.0  
 5.0  
 4.0  
 3.0  
 2.0  
 1.0  
 0.0  
 -1.0  
 -2.0  
 -3.0  
 -4.0  
 -5.0  
 -6.0  
 -7.0  
 -8.0  
 -9.0  
 -10.0

Ref Lvl Offset: 15.85 dB  
 Ref Value: 36.96 dBm

Center: 3.6250 GHz  
 #Res BW 100 kHz  
 #Video BW 300.00 kHz\*

Span 300 MHz  
 Sweep 90.7 ms (1001 pts)

2 Metrics

Total Car Power: 19.650 dBm/100.0 MHz  
 Total PSD: --

Measure Trace  
 Trace Type: Trace Average (Active)

|           |           | Lower     |        |        |       | Reference |        |        |       | Upper   |  |  |  |
|-----------|-----------|-----------|--------|--------|-------|-----------|--------|--------|-------|---------|--|--|--|
| Offs Freq | Integ BW  | dBc       | dBm    | dBm    | Car # | dBc       | dBm    | dBm    | Car # | Filter  |  |  |  |
| A         | 100.0 MHz | 100.0 MHz | -42.72 | -22.87 | 19.85 | 1         | -39.63 | -19.78 | 19.85 | 1 -3 dB |  |  |  |

Aug 27, 2022  
 12:15:52 AM

Spectrum Analyzer 1  
ACP

KEYSIGHT Input Ref  
R T → A  
Align Auto

Input 2, 50.0  
Cntrl C/Clr  
Freq Ref: 1st (S)

Attn: 30.0 dB  
PNO: Best Wide

Trig: Free Run  
Gate: Off  
I/F: 0 dB

Center Freq: 3.62490000 GHz  
Amp/Mod: 150/150  
Ratio Src: None  
Noise Correction: Off

1x PASS

1 Graph  
Scale/Div 10.0 dB

27.0 dB  
17.0 dB  
7.0 dB  
-3.0 dB  
-13.0 dB  
-23.0 dB  
-33.0 dB  
-43.0 dB  
-53.0 dB

Ref Level Offset: 15.85 dB  
Ref Value: 36.95 dBm

Span 300 MHz  
Sweep 90.7 ms (1001 pts)

Center 3.6250 GHz  
#Res BW 100 kHz

#Video BW 300.00 kHz

2 Metrics

Total CA Pair  
Total PSD

20.534 dBm/100.0 MHz  
--

Measure Trace  
Trace Type  
Trace Average (Active)

Lower Reference Upper

Offs Freq Integ BW ACP Reference ACP Reference  
dBc dBm dBm Car # dBc dBm Car # Filter

100.0 MHz 100.0 MHz -39.69 -19.16 20.53 1 -40.72 -20.18 20.53 1 -3.0 dB

Aug 27, 2022  
12:16:42 AM

**Spectrum Analyzer 1**  
ACP

**KEYSIGHT** Input RF  
R T → →  
Align Auto

Input Z: 50 Ω  
Core CCW  
Freq Ref: Int (S)

Att: 30 dB  
PNO Best Wide

Trig Free Run  
Gate: Off  
IF Gain: Low

Center Freq: 3.62496000 GHz  
AmpHz4: 101150  
Ratio Set: None  
Noise Correction: Off

**1 Graph**  
Scale/Div 10.0 dB  
Ref Lvl Offset: 15.92 dB  
Ref Value 36.92 dBm

Span 300 MHz  
Sweep 90.7 ms (1001 pts)

Center: 3.6250 GHz  
#Res BW 100 kHz  
#Video BW 300.00 kHz

2 Metrics

| Total Car Pwr | 19.437 dBm/100.0 MHz | Measure Trace | Trace Type | Trace Average (Ave) |
|---------------|----------------------|---------------|------------|---------------------|
| Total PSD     | ---                  |               |            |                     |

| Lower       |           |        |        | Upper     |     |           |        |
|-------------|-----------|--------|--------|-----------|-----|-----------|--------|
| Offs Freq   | Integ BW  | dBc    | dBm    | Reference | dBc | Reference | Filter |
| A 100.0 MHz | 100.0 MHz | -43.93 | -24.49 | 19.44     | 1   | -36.65    | -17.21 |
|             |           |        |        | 19.44     | 1   | -3        | dB     |

Aug 27, 2022  
12:17:33 AM

**Spectrum Analyzer 1**  
ACP

**KEYSIGHT** Input Ref: 50.0 dBm  
R T → Align: Auto  
Align: Auto

Att: 30 dB  
PNO: Best Wide  
Trig: Free Run  
Gate: Off  
IF: Gain Low  
Center Freq: 3.624500000 GHz  
Assigned: 191515  
Ratio: Std Noise  
Noise Correction: Off

**IN PASS**

1 Graph  
Scale/Div: 10.0 dB  
Ref Lvl Offset: 15.02 dBm  
Ref Value: 36.92 dBm

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The screenshot displays the Keysight Spectrum Analyzer 1 ACP interface. The top section shows the instrument name and a plus icon. Below this, the 'KEYSIGHT' logo is visible, followed by input parameters: Input RF, Creating DC, Input Z: 50.0, Corr CCorr, Freq Ref: Int (S), Attenu: 30.0 dB, PNO: Best Wide, Trig Freq: Run, Gate: Off, JF Gain: Low, Center Freq: 3.624900000 GHz, Arg1Hd: 150150, Stats Std: None, Noise Correction: Off, and a green 'PASS' indicator.

The main display area shows a spectrum plot with a blue trace. The plot is titled '1 Graph' and 'Scale/Div 10.0 dB'. The plot shows a signal at 3.6249 GHz with a reference level offset of 15.67 dB and a reference value of 36.67 dBm. The plot also shows a green trace with a peak at -39.0 dBc and a blue trace with a peak at -39.1 dBc. The plot is labeled 'I/Video BW 300 MHz' and 'Span 300 MHz'.

Below the plot, the '2 Metrics' section shows the following data:

| Total Car Power | 19.435 dBm/100.0 MHz |
|-----------------|----------------------|
| Total PSD       | ---                  |

The 'Measure Trace' section shows the following data:

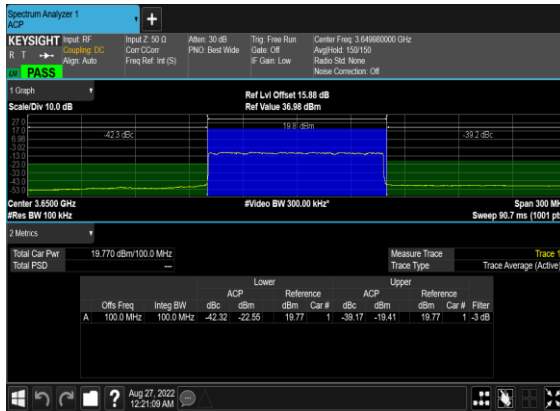
| Trace Type | Trace Average (Active) |
|------------|------------------------|
| Lower      | Reference              |
| Upper      | Reference              |

The 'Measure Trace' table shows the following data:

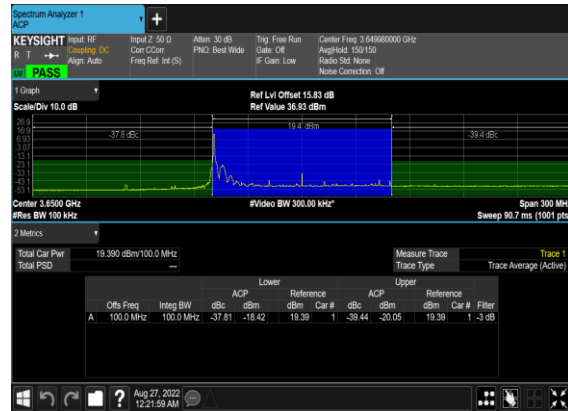
| Offs Freq | Integ BW  | dBc       | ACP    | Reference | Car # | ACP | Reference | Car #  | Filter |         |
|-----------|-----------|-----------|--------|-----------|-------|-----|-----------|--------|--------|---------|
| A         | 100.0 MHz | 100.0 MHz | -37.99 | -18.55    | 19.44 | 1   | -39.60    | -20.16 | 19.44  | 1 -3 dB |

[illegible]

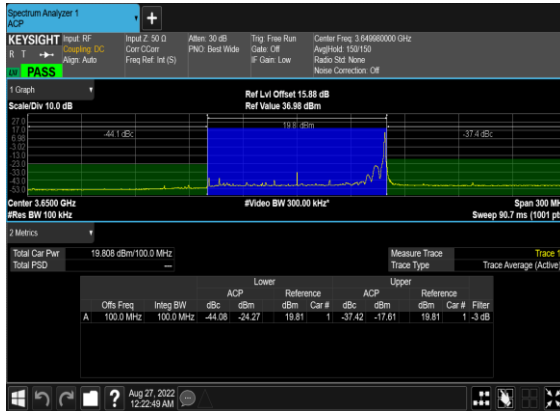
N48(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



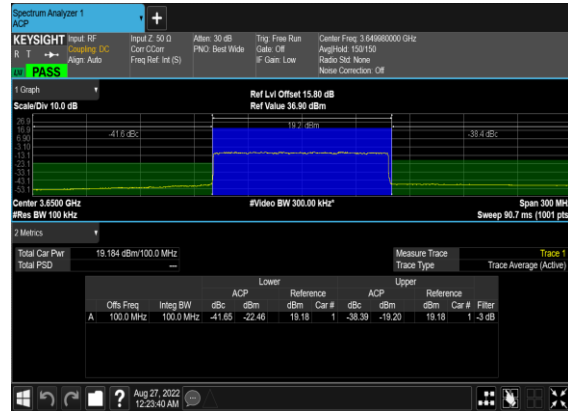
N48(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



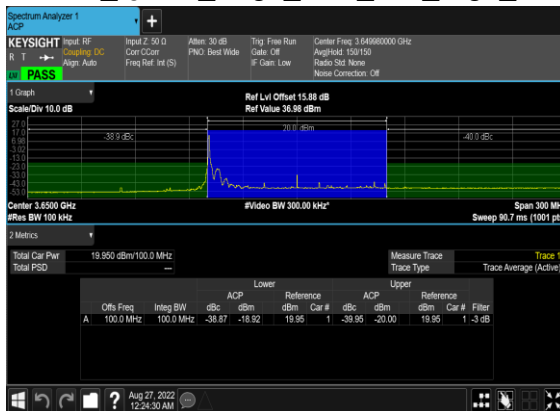
N48(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Right\_High\_CH



N48(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



## Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------|---------|
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 1@0  | see graph | ---     |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 1@0  | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 1@0  | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 1@0  | see graph | ---     |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 1@0  | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 1@0  | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 1@23 | see graph | ---     |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 1@23 | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 1@23 | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 1@23 | see graph | ---     |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 1@23 | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 1@23 | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 24@0 | see graph | ---     |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 24@0 | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM BPSK | 24@0 | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 24@0 | see graph | ---     |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 24@0 | see graph | PASS    |
| 48      | 30        | 10              | 637000 | 3555.0     | DFT-s-OFDM QPSK | 24@0 | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM BPSK | 1@0  | see graph | ---     |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM BPSK | 1@0  | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM BPSK | 1@0  | see graph | PASS    |
| 48      | 30        | 10              | 641666 | 3624.99    | DFT-s-OFDM QPSK | 1@0  | see graph | ---     |

|    |    |    |        |         |                 |      |           |      |
|----|----|----|--------|---------|-----------------|------|-----------|------|
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@0  | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@0  | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@23 | see graph | ---  |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@23 | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@23 | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@23 | see graph | ---  |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@23 | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@23 | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 24@0 | see graph | ---  |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 24@0 | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 24@0 | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 24@0 | see graph | ---  |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 24@0 | see graph | PASS |
| 48 | 30 | 10 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 24@0 | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 1@0  | see graph | ---  |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 1@0  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 1@0  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 1@0  | see graph | ---  |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 1@0  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 1@0  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 1@23 | see graph | ---  |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 1@23 | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 1@23 | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 1@23 | see graph | ---  |

|    |    |    |        |         |                 |       |           |      |
|----|----|----|--------|---------|-----------------|-------|-----------|------|
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 1@23  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 1@23  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 24@0  | see graph | ---  |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 24@0  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM BPSK | 24@0  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 24@0  | see graph | ---  |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 24@0  | see graph | PASS |
| 48 | 30 | 10 | 646332 | 3694.98 | DFT-s-OFDM QPSK | 24@0  | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 1@0   | see graph | ---  |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 1@0   | see graph | ---  |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 1@132 | see graph | ---  |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 1@132 | see graph | ---  |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 128@0 | see graph | ---  |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 128@0 | see graph | ---  |

|    |    |    |        |         |                 |       |           |      |
|----|----|----|--------|---------|-----------------|-------|-----------|------|
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50 | 638334 | 3575.01 | DFT-s-OFDM QPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@0   | see graph | ---  |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@0   | see graph | ---  |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@132 | see graph | ---  |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@132 | see graph | ---  |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 128@0 | see graph | ---  |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 128@0 | see graph | ---  |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50 | 645000 | 3675.0  | DFT-s-OFDM BPSK | 1@0   | see graph | ---  |
| 48 | 30 | 50 | 645000 | 3675.0  | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 645000 | 3675.0  | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50 | 645000 | 3675.0  | DFT-s-OFDM QPSK | 1@0   | see graph | ---  |

|    |    |     |        |        |                 |       |           |      |
|----|----|-----|--------|--------|-----------------|-------|-----------|------|
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM BPSK | 1@132 | see graph | ---  |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM BPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM BPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM QPSK | 1@132 | see graph | ---  |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM BPSK | 128@0 | see graph | ---  |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM QPSK | 128@0 | see graph | ---  |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM QPSK | 128@0 | see graph | PASS |
| 48 | 30 | 50  | 645000 | 3675.0 | DFT-s-OFDM QPSK | 128@0 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM BPSK | 1@0   | see graph | ---  |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM QPSK | 1@0   | see graph | ---  |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM BPSK | 1@272 | see graph | ---  |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0 | DFT-s-OFDM QPSK | 1@272 | see graph | ---  |

|    |    |     |        |         |                 |       |           |      |
|----|----|-----|--------|---------|-----------------|-------|-----------|------|
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM BPSK | 270@0 | see graph | ---  |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM QPSK | 270@0 | see graph | ---  |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 640000 | 3600.0  | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@0   | see graph | ---  |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@0   | see graph | ---  |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@272 | see graph | ---  |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@272 | see graph | ---  |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 270@0 | see graph | ---  |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 270@0 | see graph | ---  |

|    |    |     |        |         |                 |       |           |      |
|----|----|-----|--------|---------|-----------------|-------|-----------|------|
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 641666 | 3624.99 | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 1@0   | see graph | ---  |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 1@0   | see graph | ---  |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 1@272 | see graph | ---  |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 1@272 | see graph | ---  |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 270@0 | see graph | ---  |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 270@0 | see graph | ---  |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |
| 48 | 30 | 100 | 643332 | 3649.98 | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |