

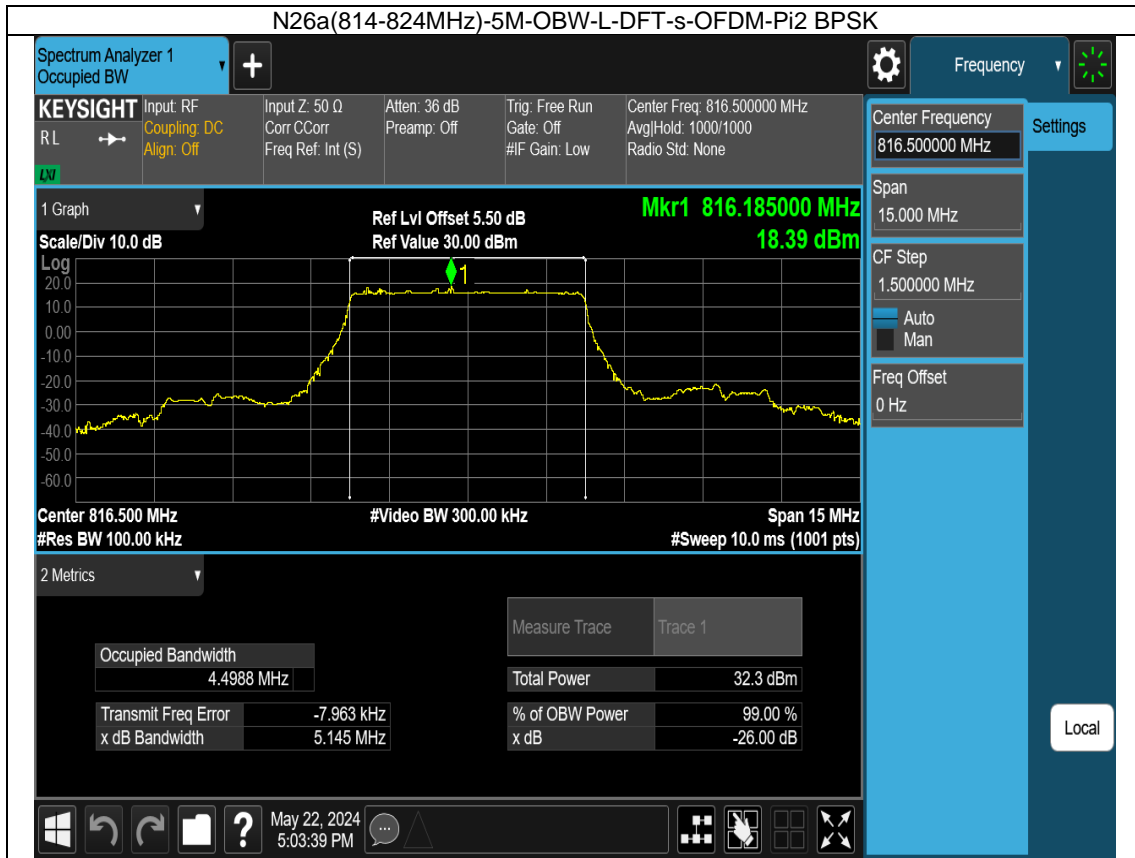
99% & 26dB Bandwidth

Test Result

| 5G NR n26a(814-824MHz) SCS=15kHz 5MHz | | | | | | |
|---------------------------------------|------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation | CH | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | Low CH | Outer_Full | 4.499 | 5.145 | / | Pass |
| DFT-s-OFDM QPSK | | Outer_Full | 4.534 | 5.179 | / | Pass |
| DFT-s-OFDM 16QAM | | Outer_Full | 4.524 | 5.129 | / | Pass |
| DFT-s-OFDM 64QAM | | Outer_Full | 4.490 | 5.024 | / | Pass |
| DFT-s-OFDM 256QAM | | Outer_Full | 4.515 | 5.199 | / | Pass |
| CP-OFDM QPSK | | Outer_Full | 4.492 | 5.199 | / | Pass |
| CP-OFDM 16QAM | | Outer_Full | 4.504 | 5.245 | / | Pass |
| CP-OFDM 64QAM | | Outer_Full | 4.519 | 5.220 | / | Pass |
| CP-OFDM 256QAM | | Outer_Full | 4.503 | 5.102 | / | Pass |
| DFT-s-OFDM PI/2 BPSK | | Middle CH | Outer_Full | 4.500 | 5.071 | / |
| DFT-s-OFDM QPSK | Outer_Full | | 4.516 | 5.209 | / | Pass |
| DFT-s-OFDM 16QAM | Outer_Full | | 4.533 | 5.110 | / | Pass |
| DFT-s-OFDM 64QAM | Outer_Full | | 4.531 | 5.232 | / | Pass |
| DFT-s-OFDM 256QAM | Outer_Full | | 4.512 | 5.195 | / | Pass |
| CP-OFDM QPSK | Outer_Full | | 4.517 | 5.172 | / | Pass |
| CP-OFDM 16QAM | Outer_Full | | 4.501 | 5.236 | / | Pass |
| CP-OFDM 64QAM | Outer_Full | | 4.503 | 5.235 | / | Pass |
| CP-OFDM 256QAM | Outer_Full | | 4.514 | 5.142 | / | Pass |
| DFT-s-OFDM PI/2 BPSK | High CH | | Outer_Full | 4.501 | 5.007 | / |
| DFT-s-OFDM QPSK | | Outer_Full | 4.539 | 5.317 | / | Pass |
| DFT-s-OFDM 16QAM | | Outer_Full | 4.517 | 5.181 | / | Pass |
| DFT-s-OFDM 64QAM | | Outer_Full | 4.511 | 5.212 | / | Pass |
| DFT-s-OFDM 256QAM | | Outer_Full | 4.510 | 5.148 | / | Pass |
| CP-OFDM QPSK | | Outer_Full | 4.495 | 5.182 | / | Pass |
| CP-OFDM 16QAM | | Outer_Full | 4.497 | 5.055 | / | Pass |
| CP-OFDM 64QAM | | Outer_Full | 4.519 | 5.190 | / | Pass |
| CP-OFDM 256QAM | | Outer_Full | 4.503 | 5.135 | / | Pass |

| 5G NR n26a(814-824MHz) SCS=15kHz 10MHz | | | | | | |
|--|-----------|---------------|---------------------|----------------------|-------------|---------|
| Modulation | CH | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | Middle CH | Outer_Full | 8.934 | 9.609 | / | Pass |
| DFT-s-OFDM QPSK | | Outer_Full | 8.945 | 9.739 | / | Pass |
| DFT-s-OFDM 16QAM | | Outer_Full | 8.932 | 9.725 | / | Pass |
| DFT-s-OFDM 64QAM | | Outer_Full | 8.930 | 9.731 | / | Pass |
| DFT-s-OFDM 256QAM | | Outer_Full | 8.951 | 9.653 | / | Pass |
| CP-OFDM QPSK | | Outer_Full | 9.288 | 10.21 | / | Pass |
| CP-OFDM 16QAM | | Outer_Full | 9.284 | 10.02 | / | Pass |
| CP-OFDM 64QAM | | Outer_Full | 9.299 | 10.16 | / | Pass |
| CP-OFDM 256QAM | | Outer_Full | 9.291 | 9.992 | / | Pass |

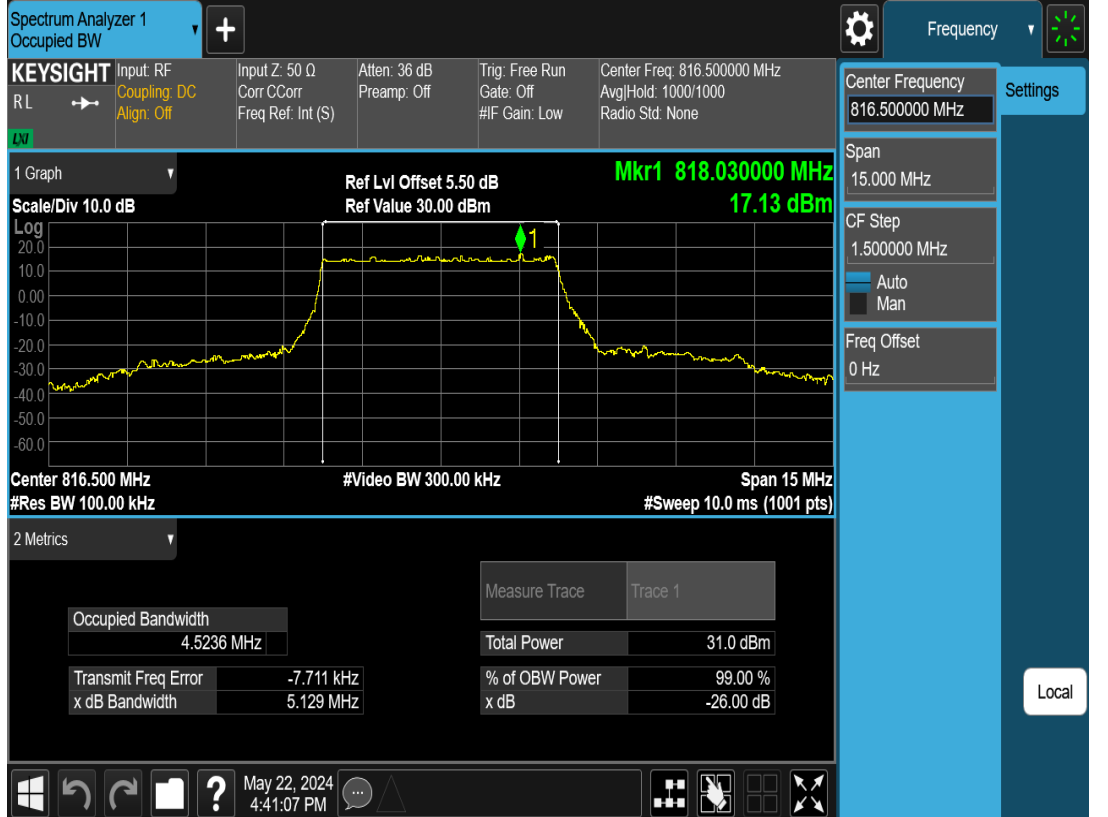
Test graph



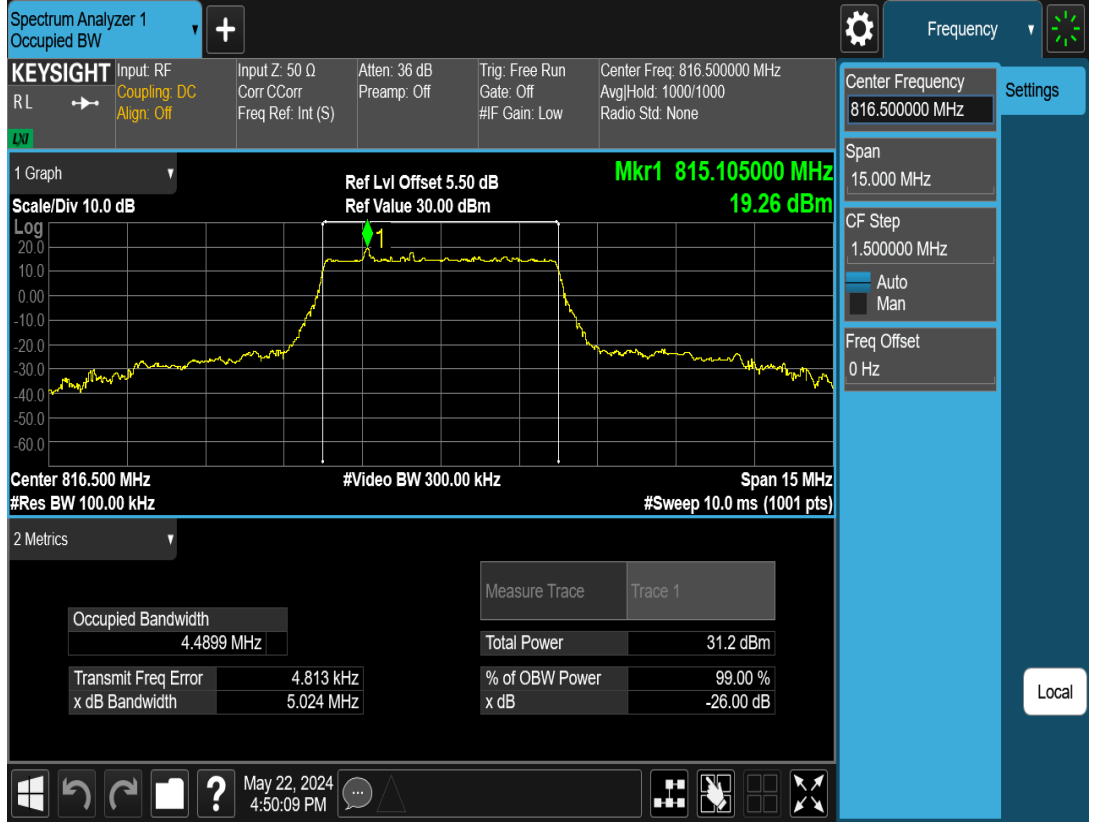
N26a(814-824MHz)-5M-OBW-L-DFT-s-OFDM-QPSK



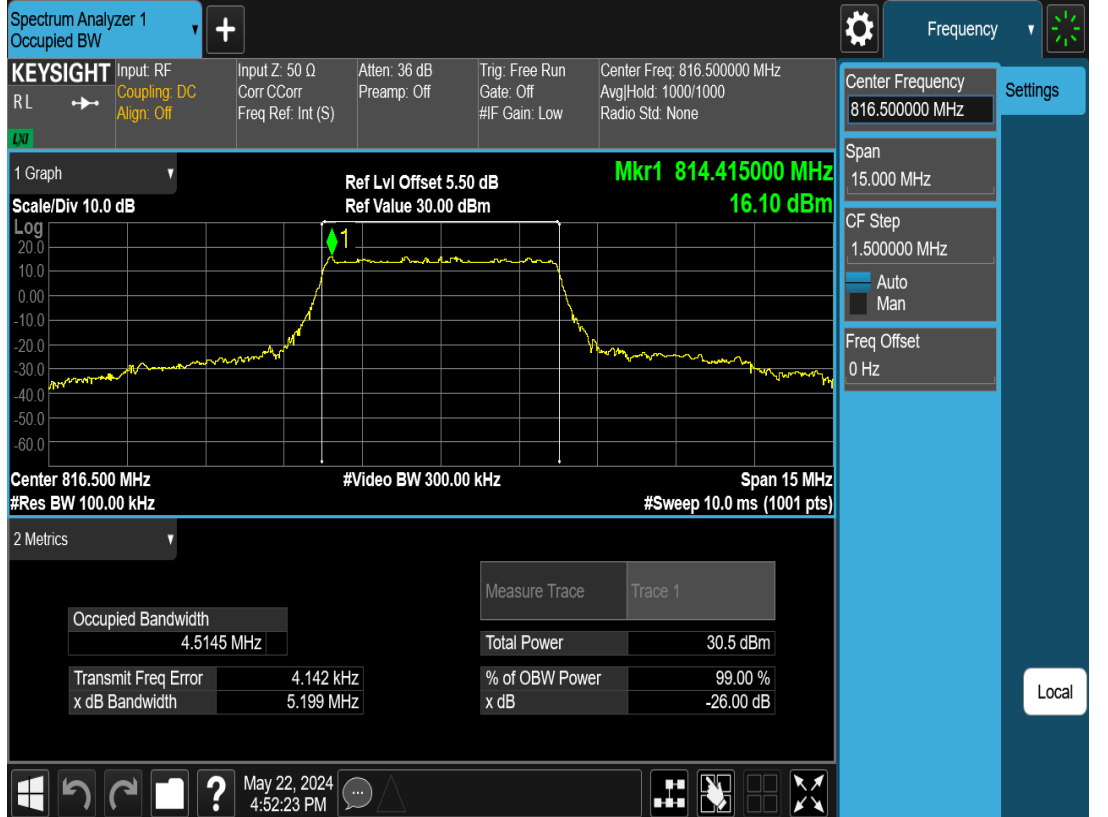
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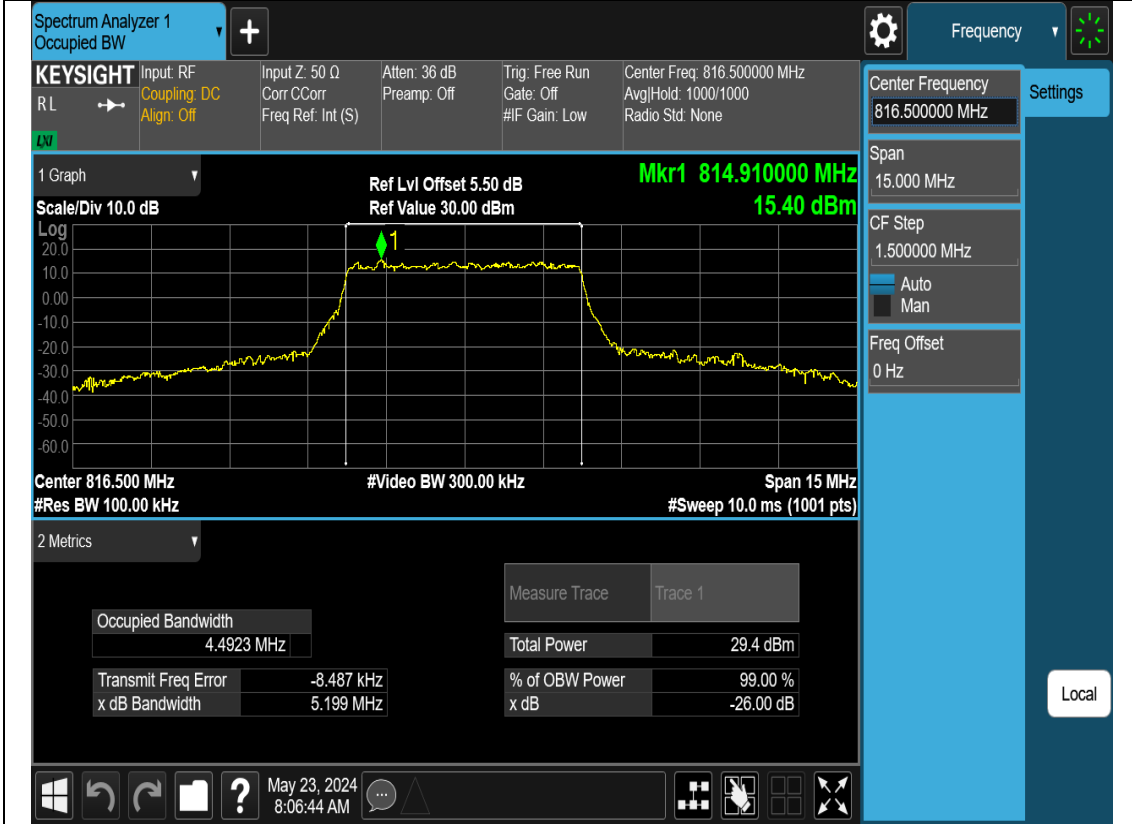
N26a(814-824MHz)-5M-OBW-L-DFT-s-OFDM-64QAM



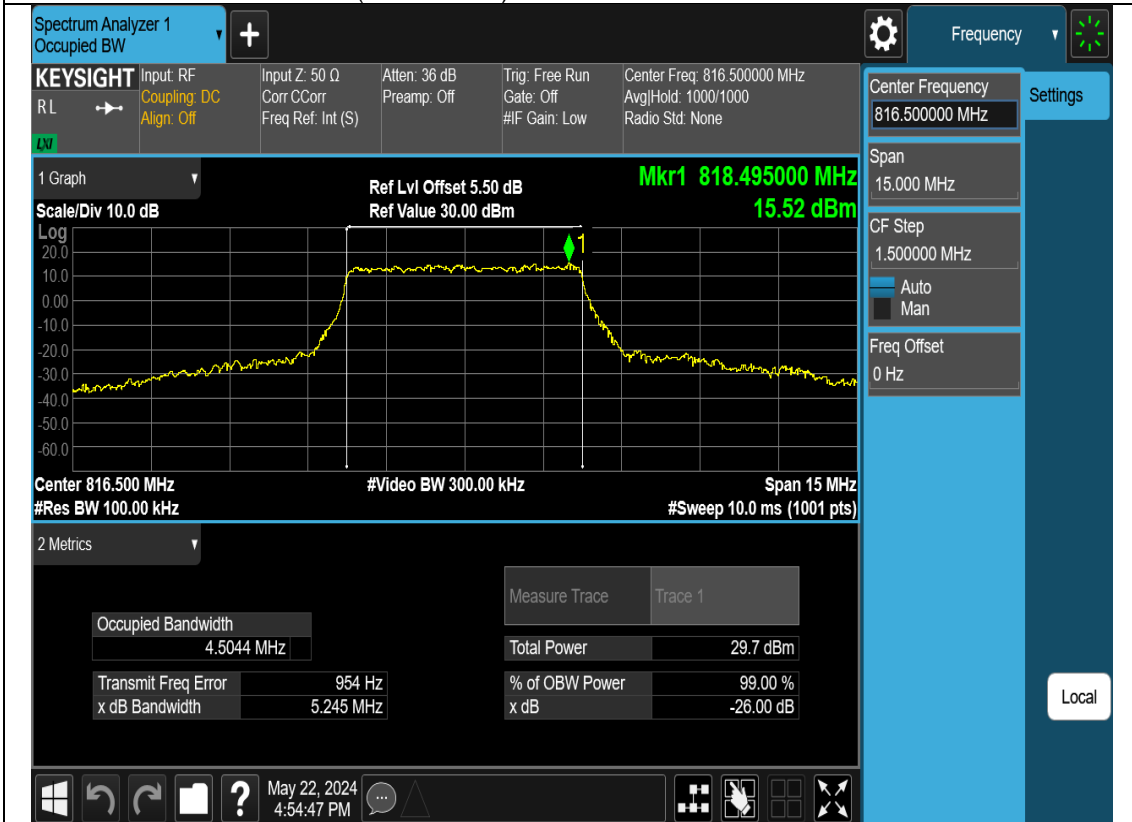
N26a(814-824MHz)-5M-OBW-L-DFT-s-OFDM-256QAM



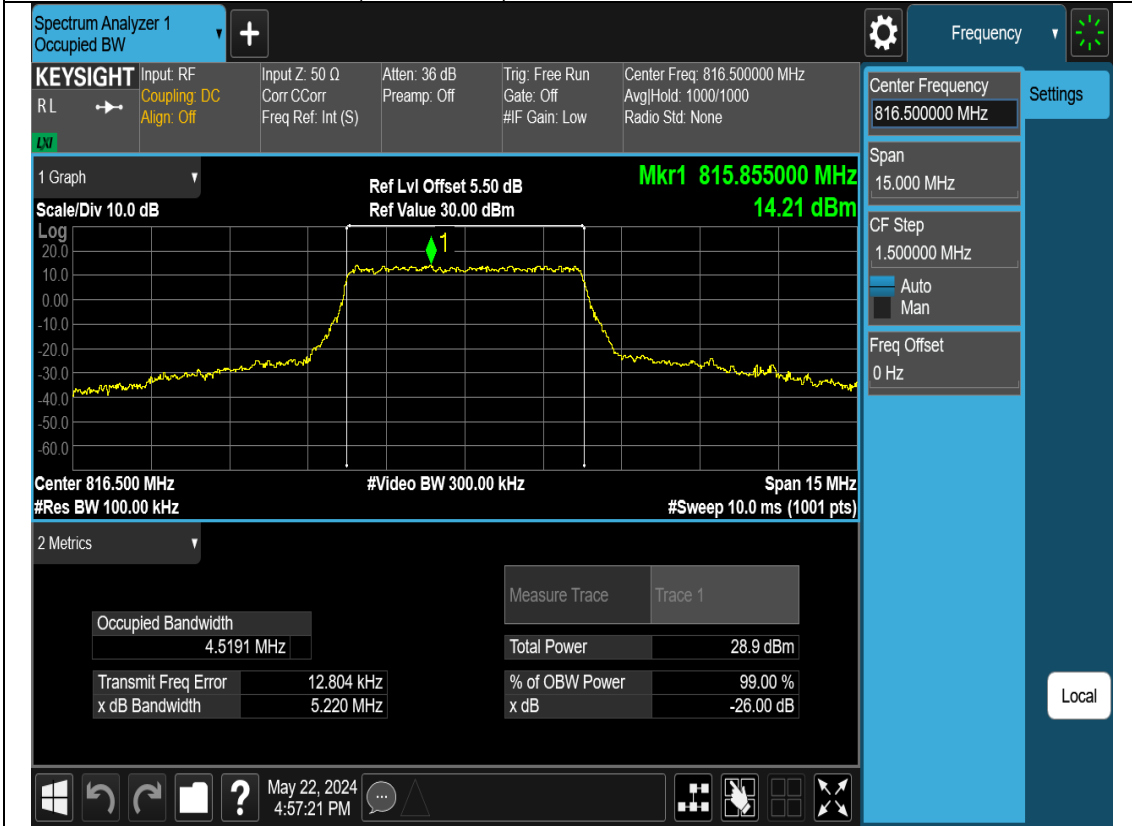
N26a(814-824MHz)-5M-OBW-L-CP-OFDM-QPSK



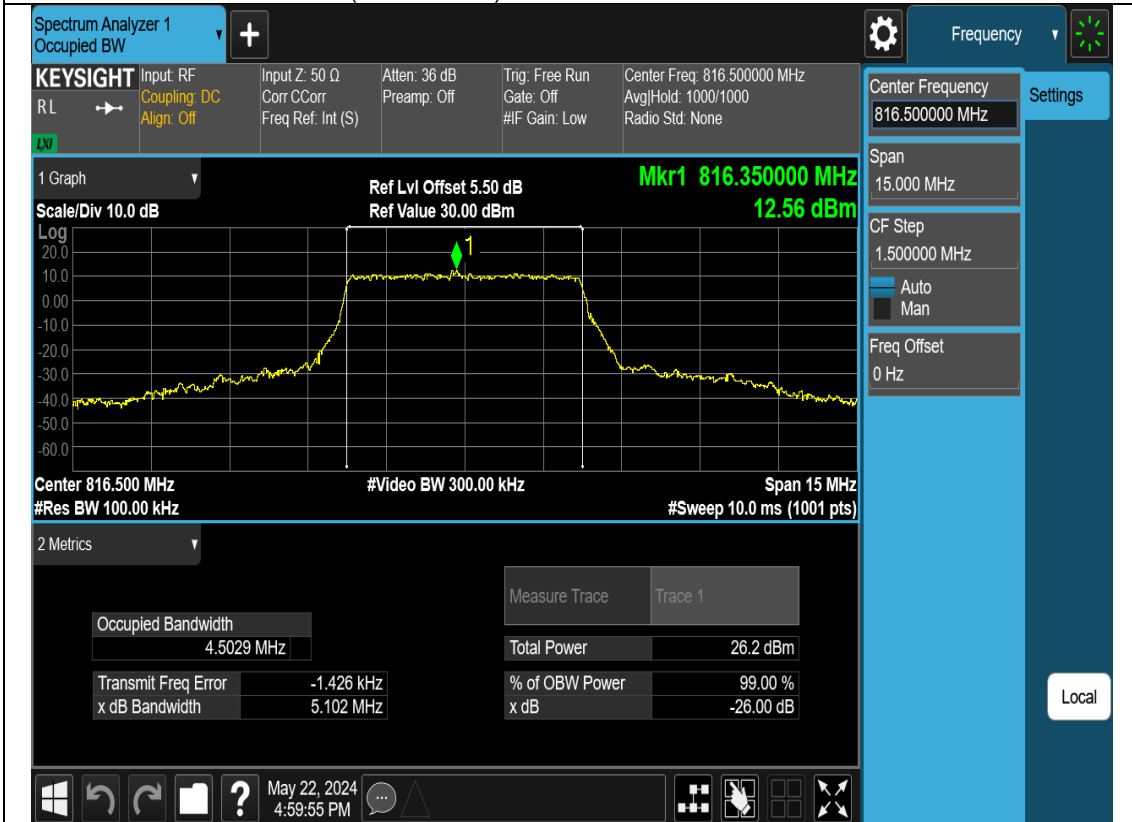
N26a(814-824MHz)-5M-OBW-L-CP-OFDM-16QAM



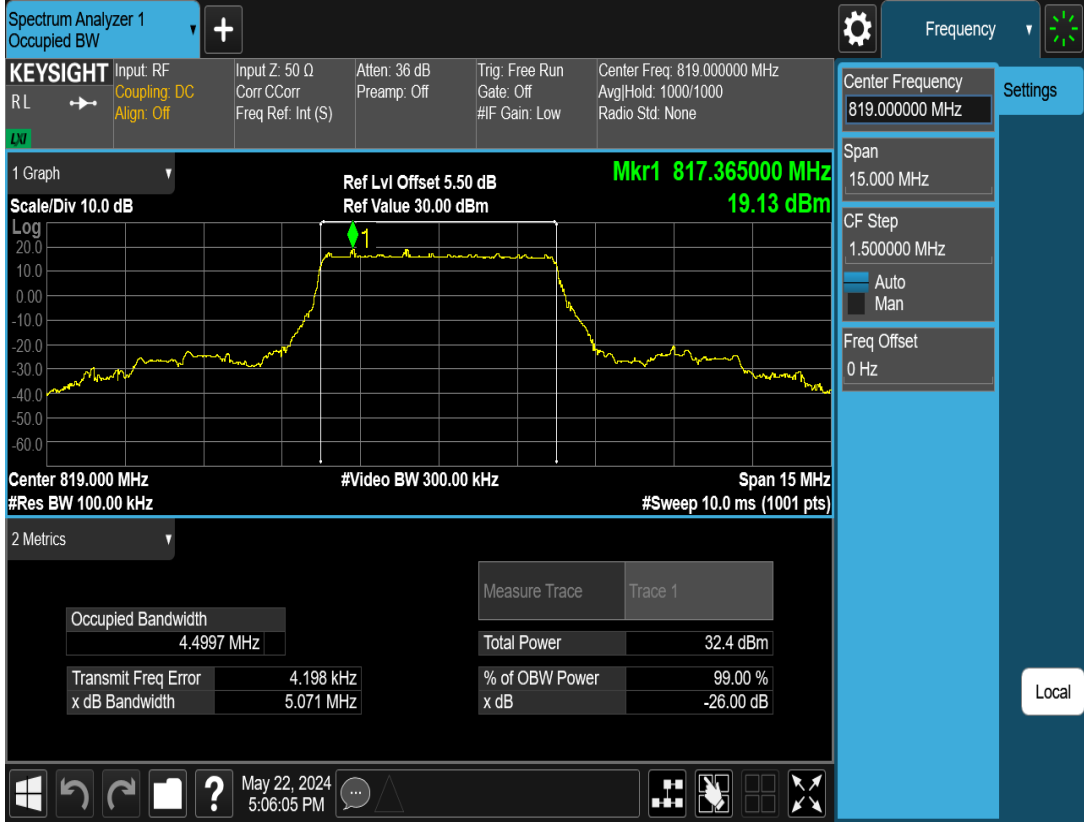
N26a(814-824MHz)-5M-OBW-L-CP-OFDM-64QAM



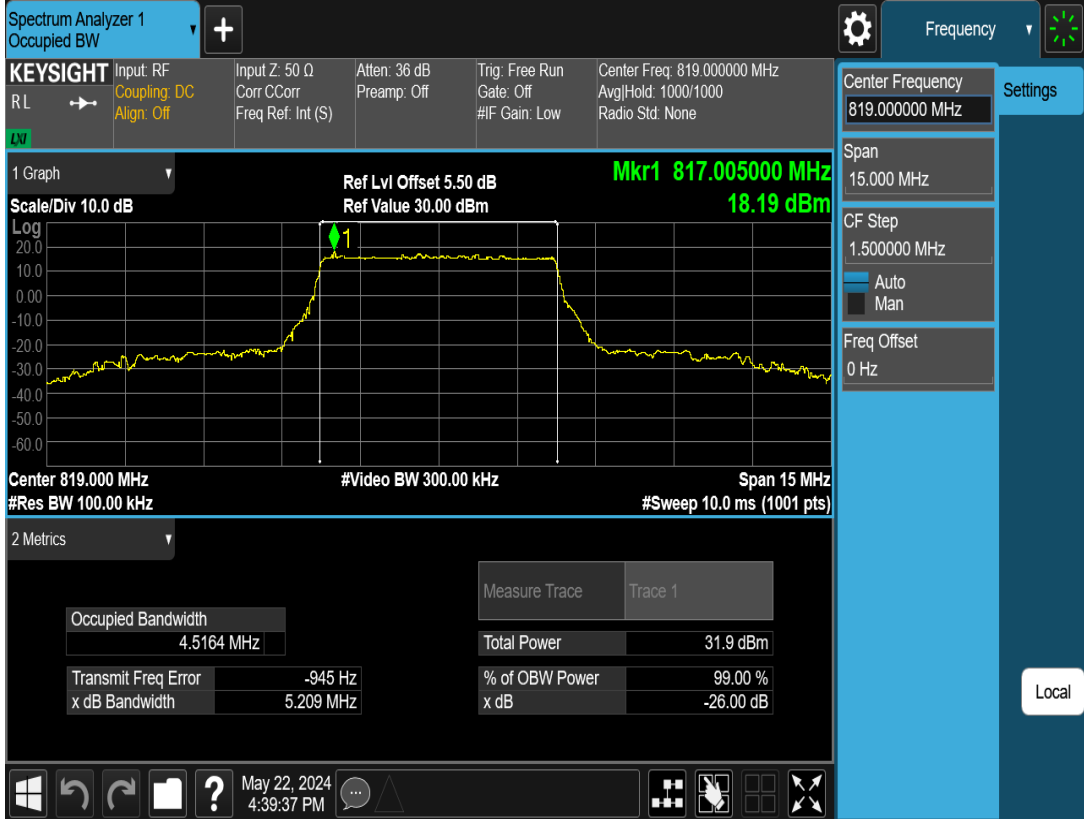
N26a(814-824MHz)-5M-OBW-L-CP-OFDM-256QAM



N26a(814-824MHz)-5M-OBW-M-DFT-s-OFDM-Pi2 BPSK



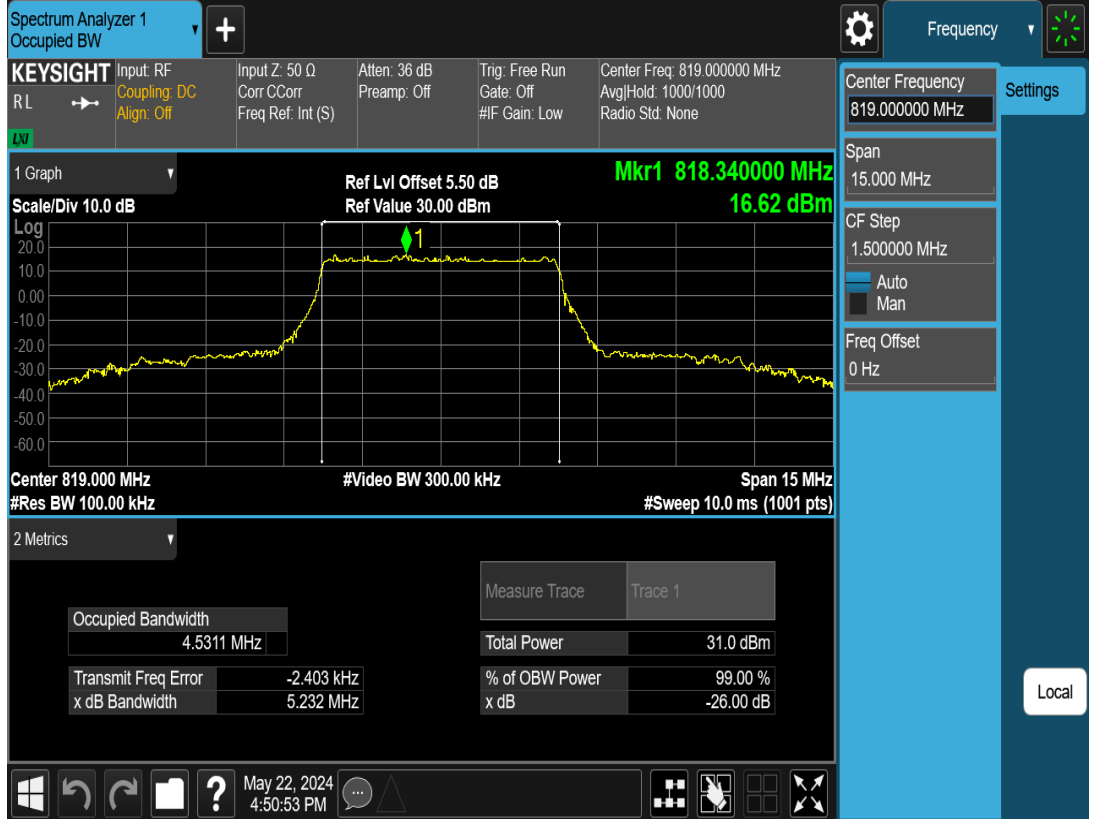
N26a(814-824MHz)-5M-OBW-M-DFT-s-OFDM-QPSK



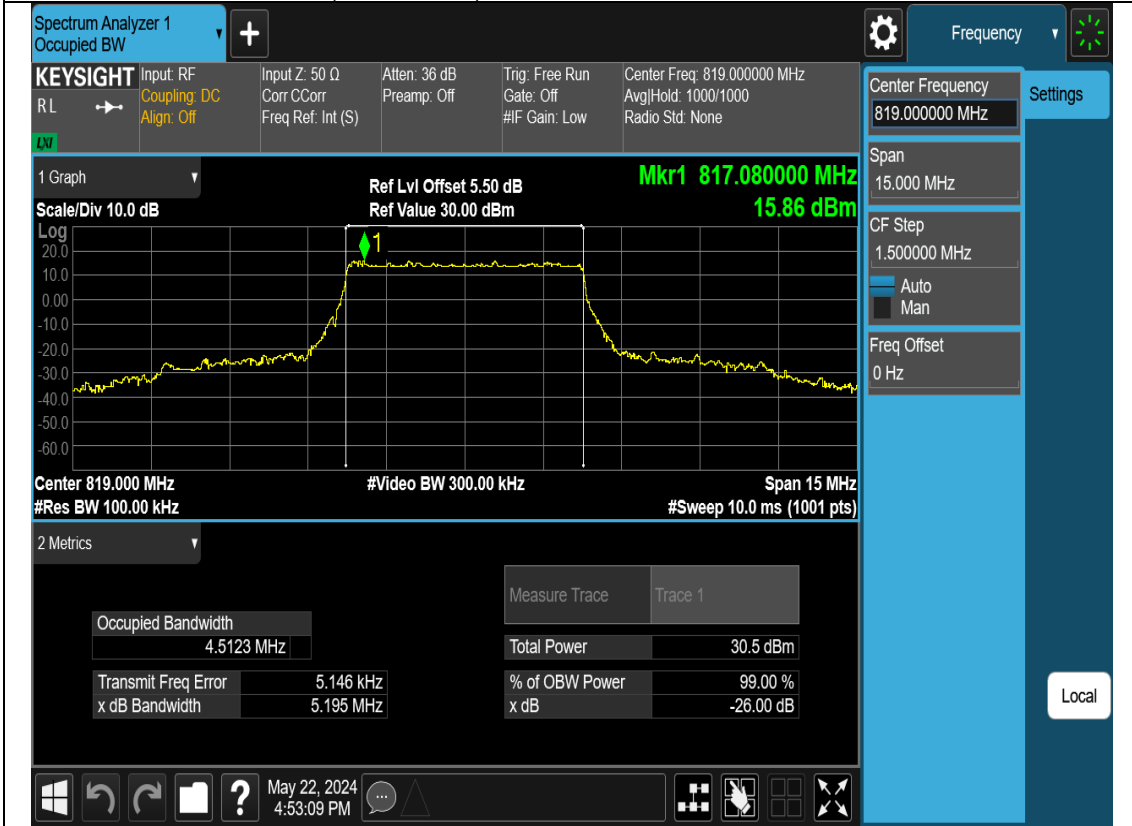
N26a(814-824MHz)-5M-OBW-M-DFT-s-OFDM-16QAM



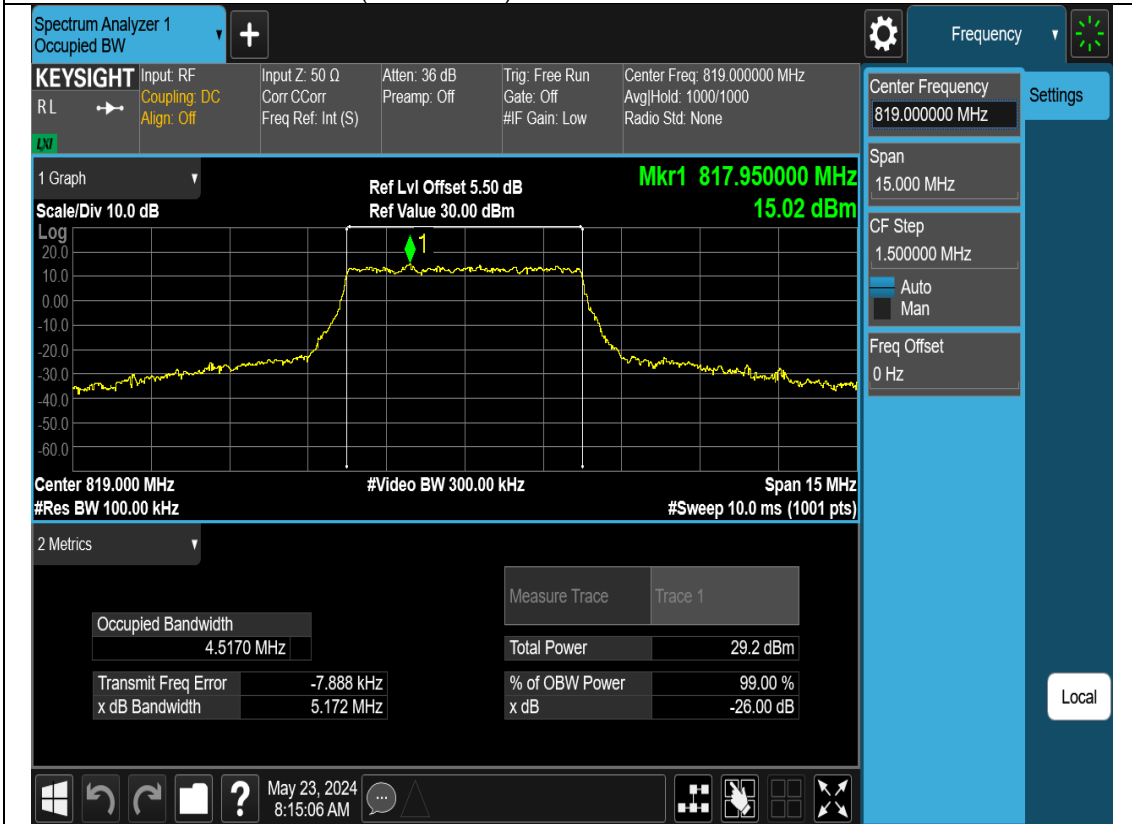
N26a(814-824MHz)-5M-OBW-M-DFT-s-OFDM-64QAM



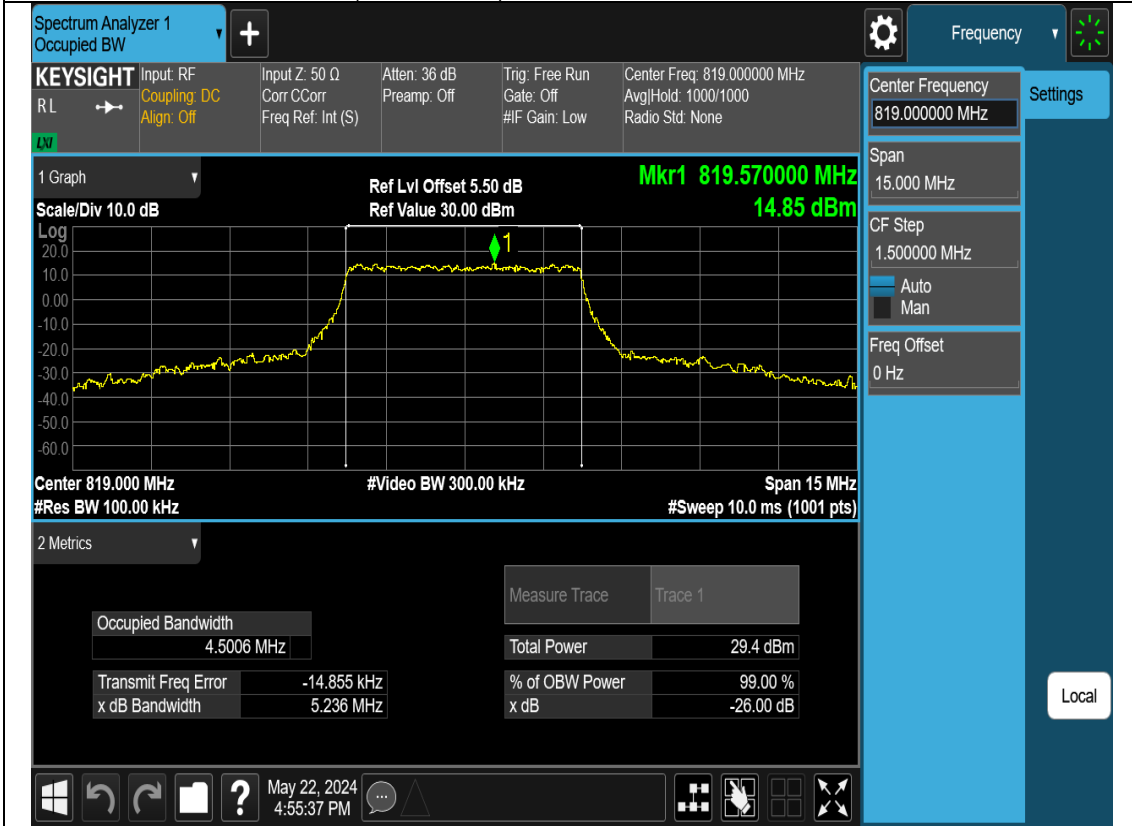
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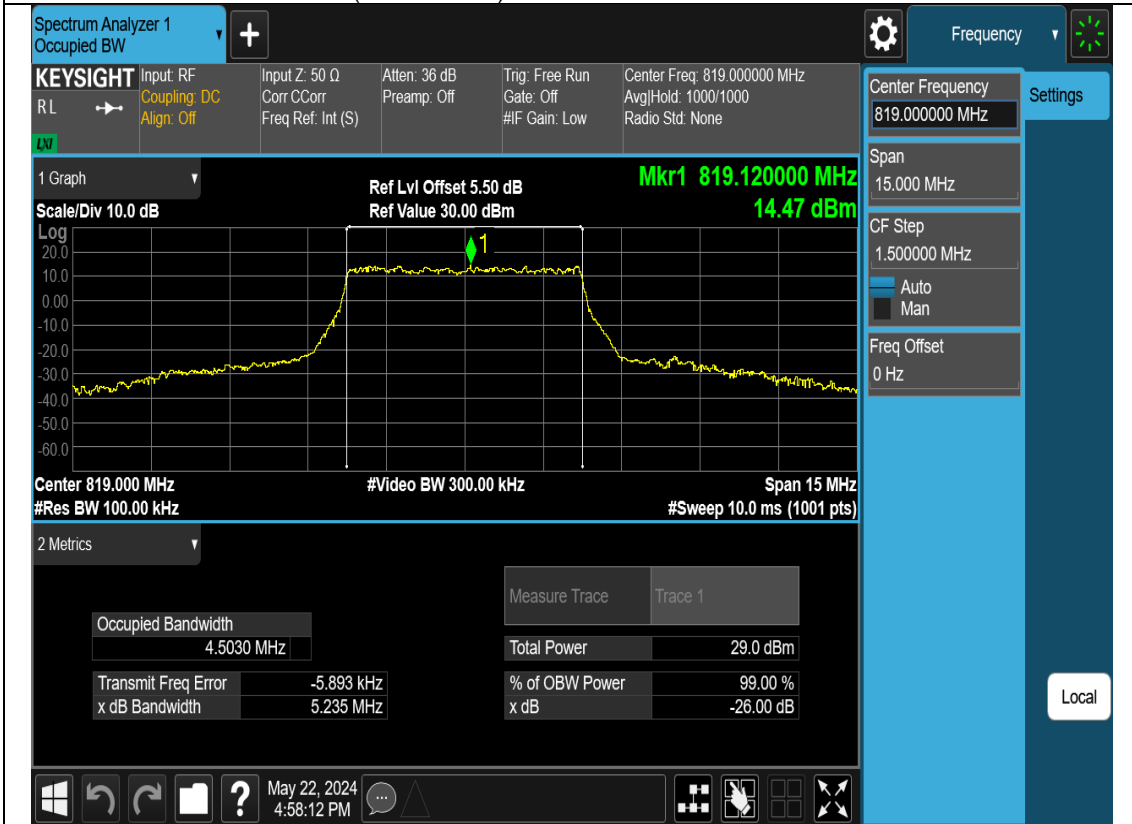
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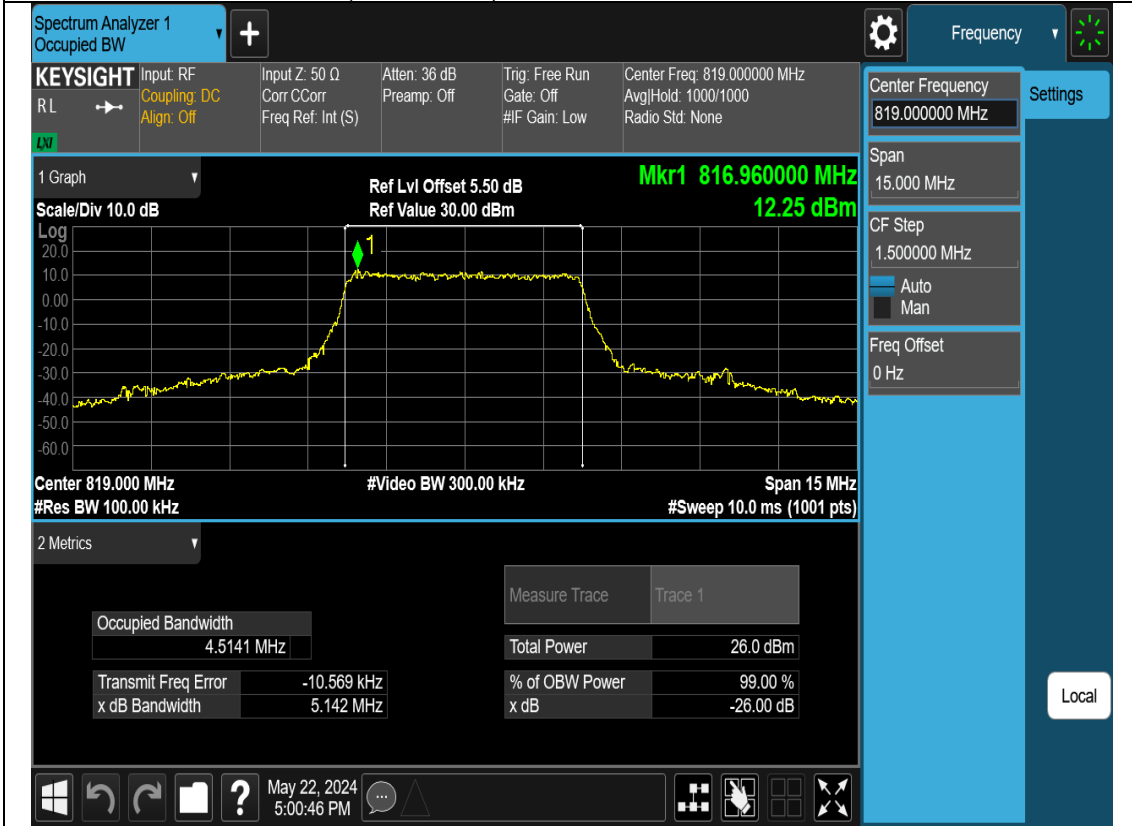
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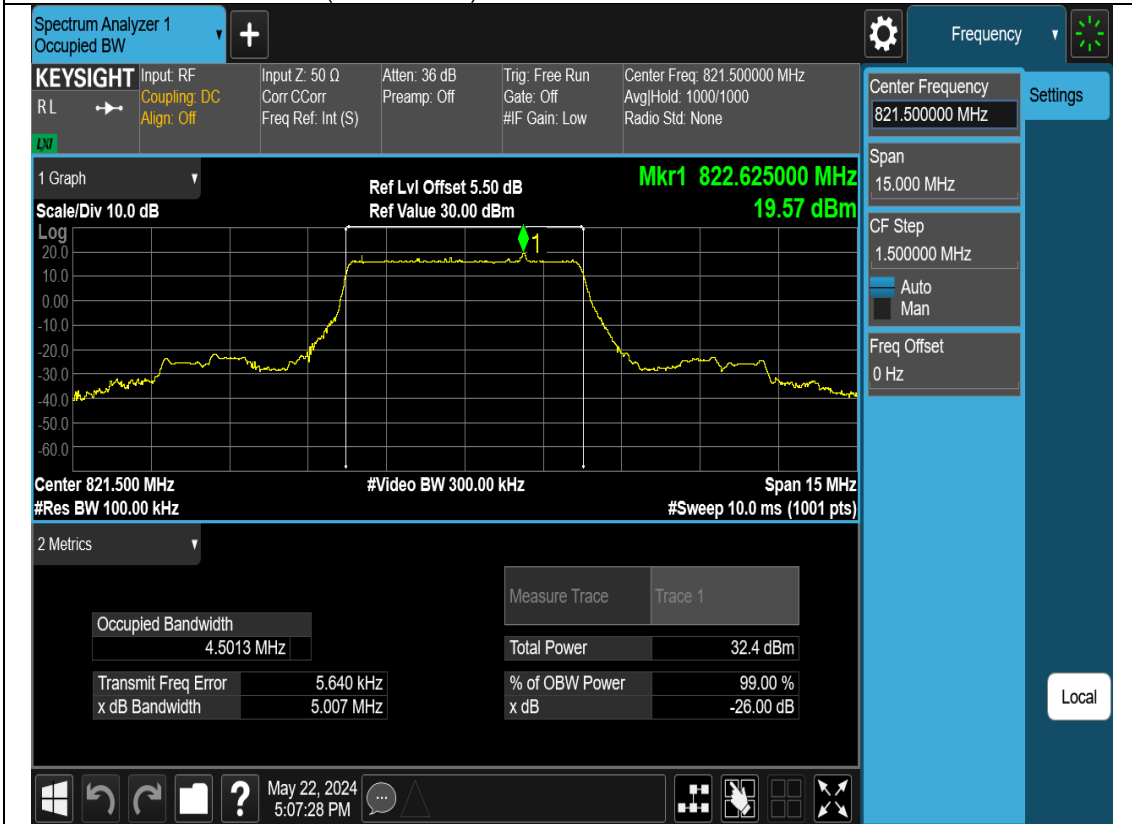
N26a(814-824MHz)-5M-OBW-M-CP-OFDM-64QAM



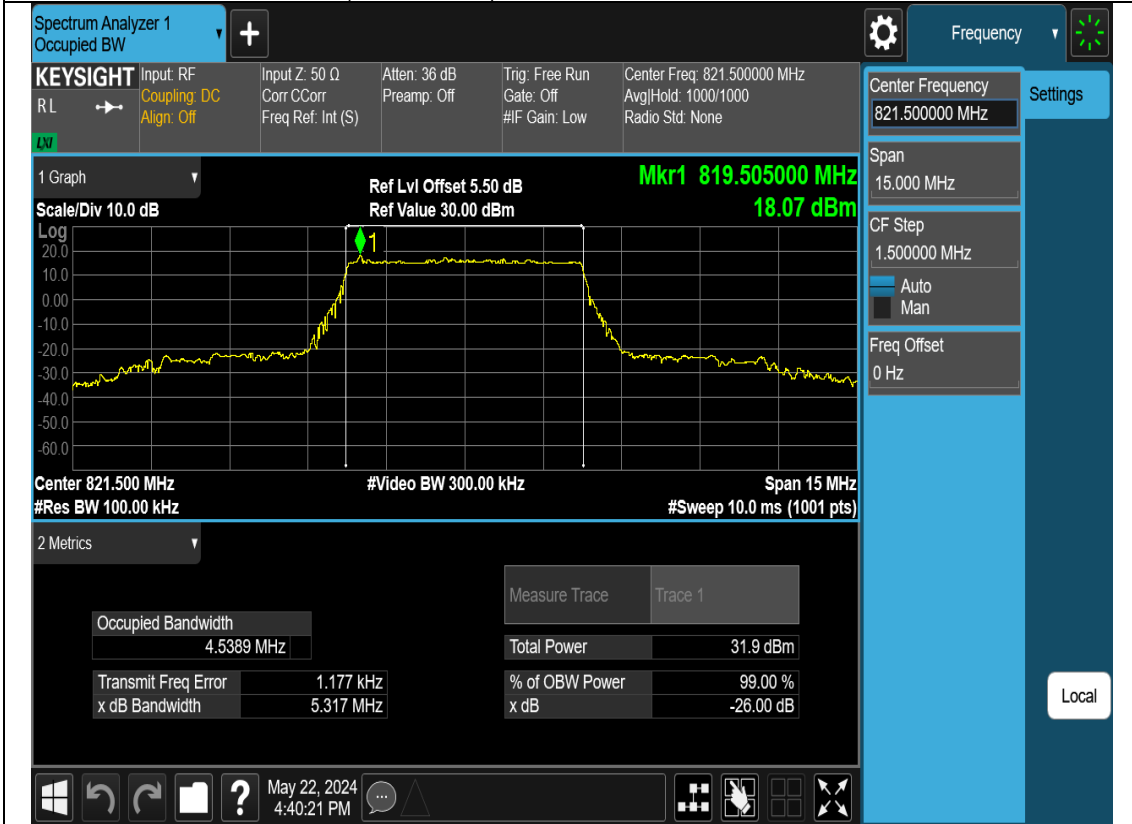
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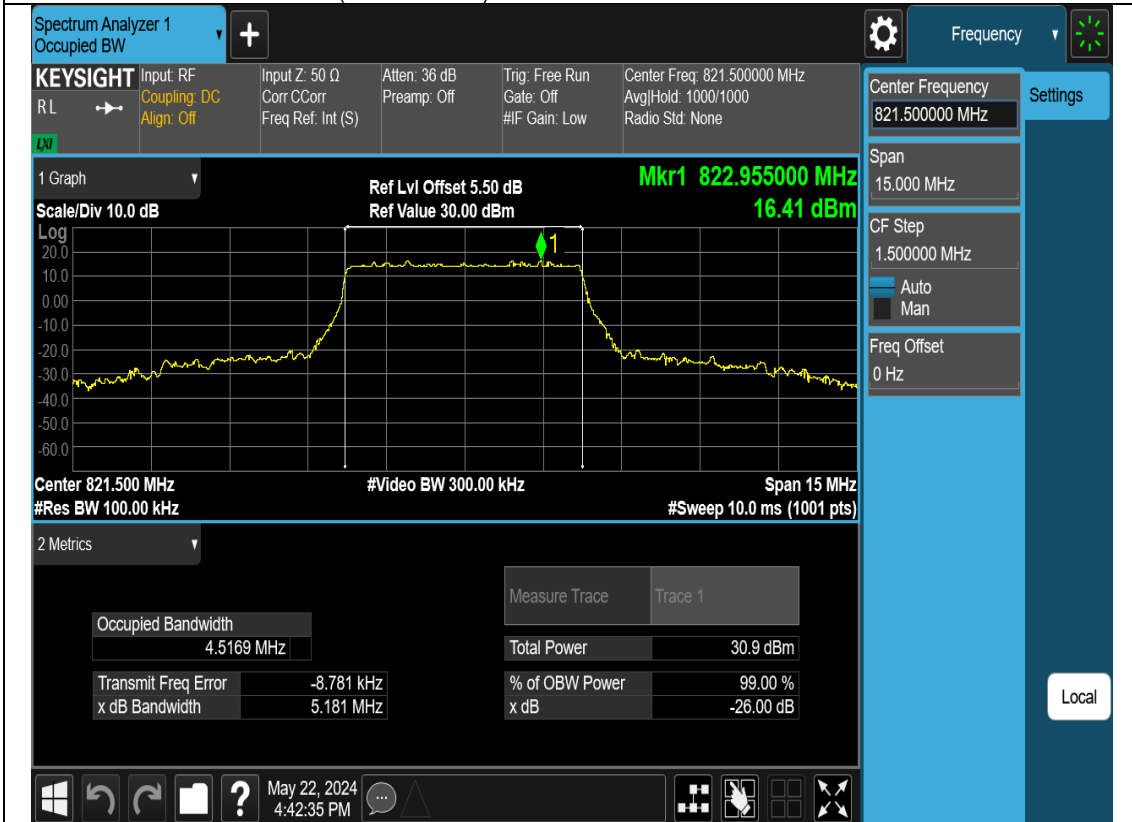
N26a(814-824MHz)-5M-OBW-H-DFT-s-OFDM-Pi2 BPSK



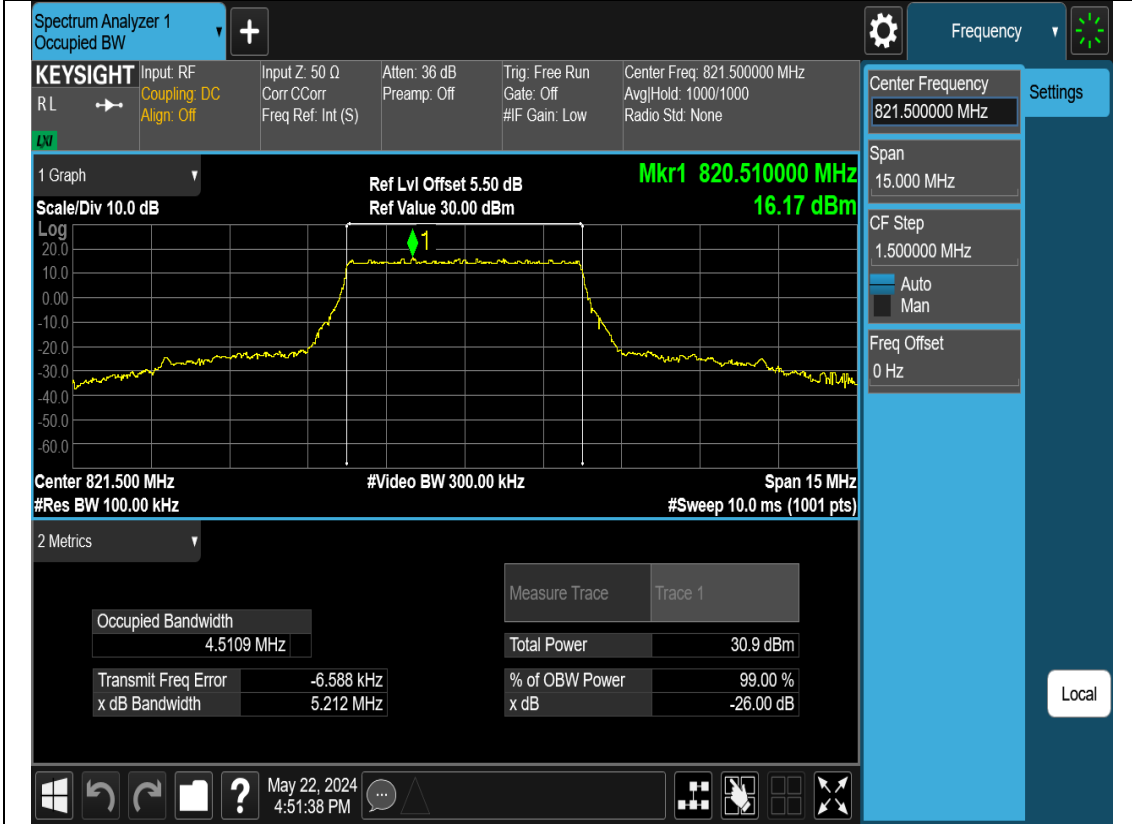
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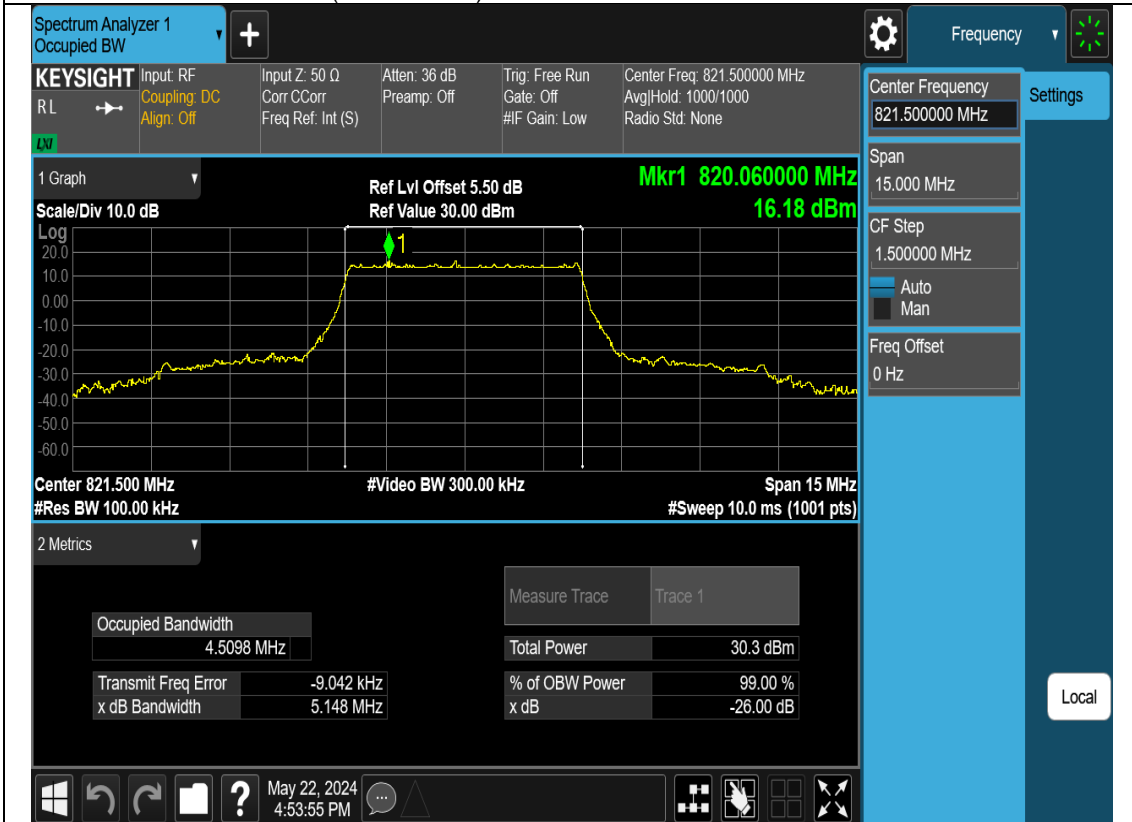
N26a(814-824MHz)-5M-OBW-H-DFT-s-OFDM-16QAM



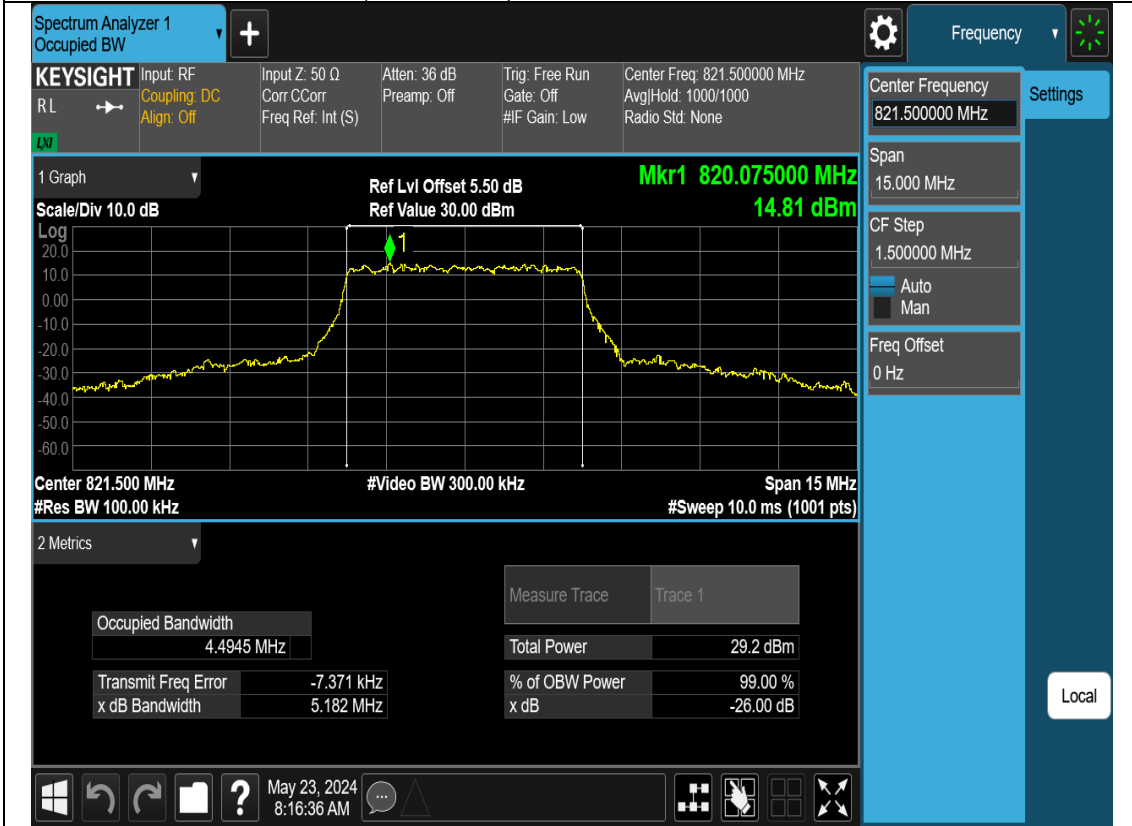
N26a(814-824MHz)-5M-OBW-H-DFT-s-OFDM-64QAM



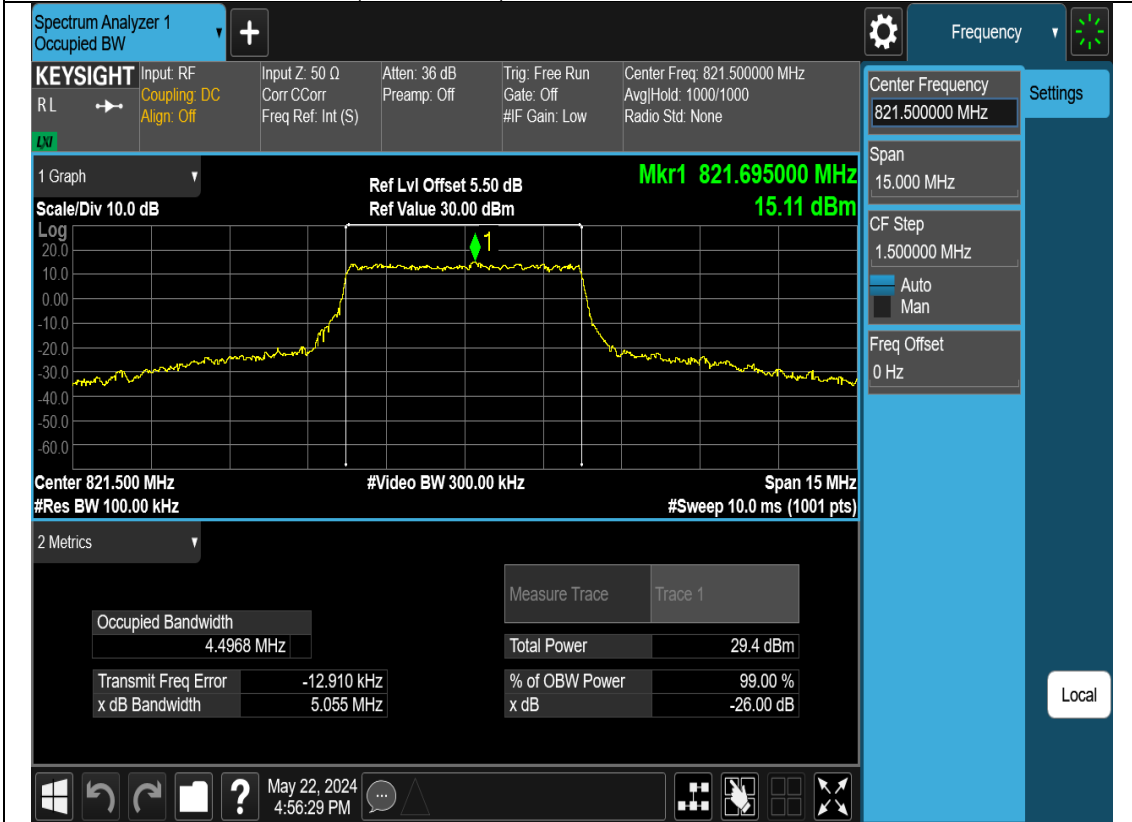
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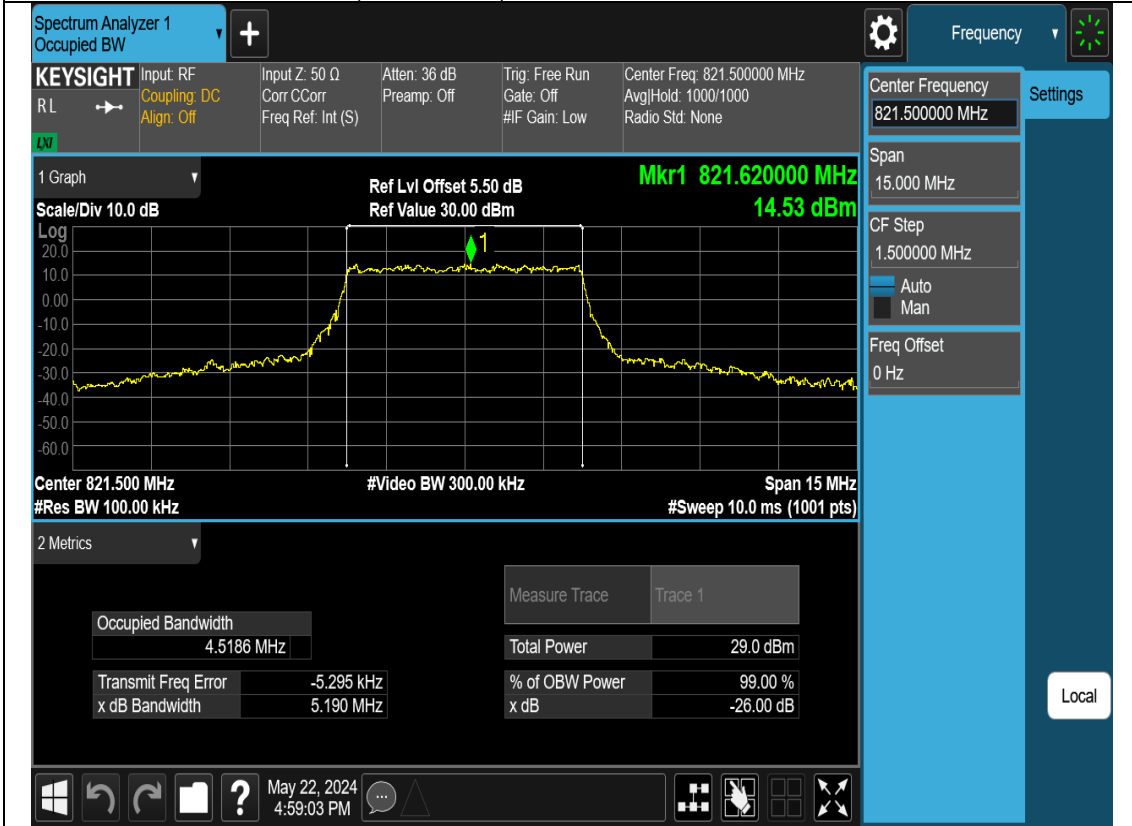
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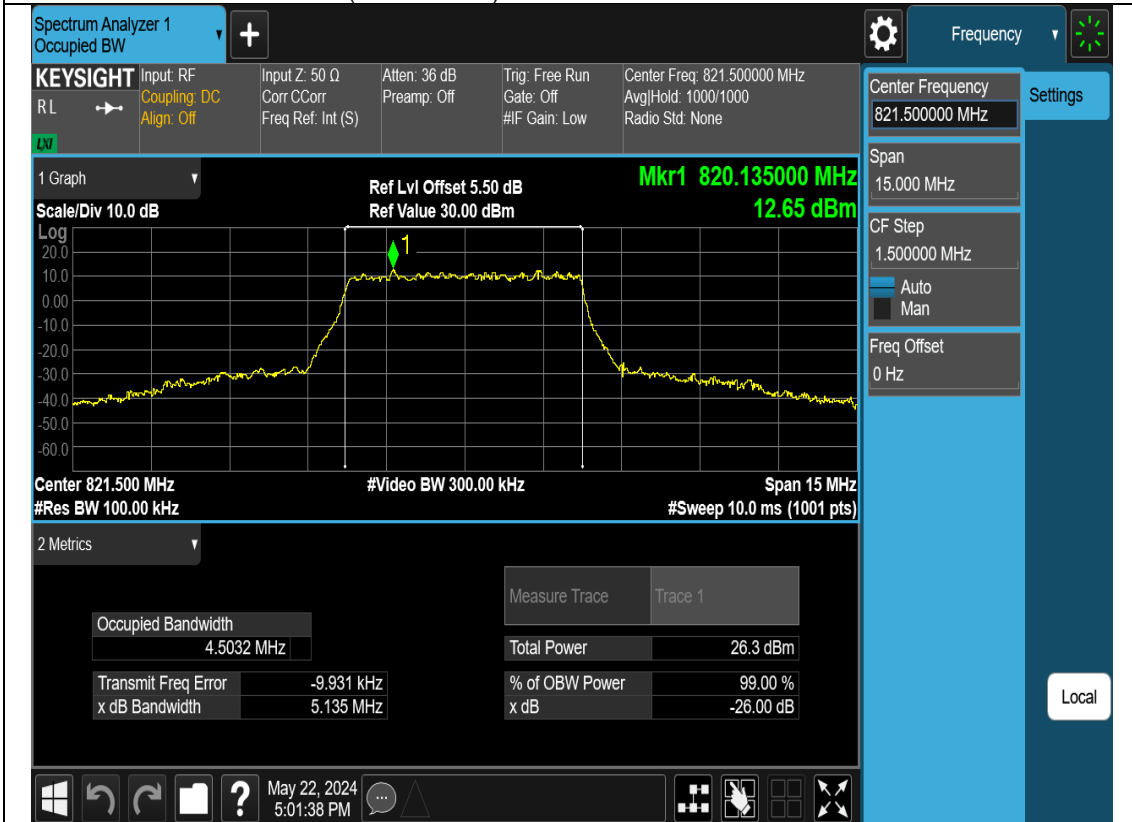
N26a(814-824MHz)-5M-OBW-H-CP-OFDM-16QAM



N26a(814-824MHz)-5M-OBW-H-CP-OFDM-64QAM



N26a(814-824MHz)-5M-OBW-H-CP-OFDM-256QAM



N26a(814-824MHz)-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF
RL **Coupling: DC**
Align: Off

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

Atten: 36 dB
Preamp: Off

Trig: Free Run
Gate: Off
#F Gain: Low

Center Freq: 819.000000 MHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 819.000000 MHz
Span: 30.000 MHz
CF Step: 3.000000 MHz
Auto Man
Freq Offset: 0 Hz

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 5.50 dB
Ref Value 30.00 dBm
Mkr1 816.570000 MHz
18.72 dBm

Center 819.00 MHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

2 Metrics

| Measure Trace | | Trace 1 | |
|---------------------|-------------|----------------|-----------|
| Occupied Bandwidth | 8.9342 MHz | Total Power | 32.8 dBm |
| Transmit Freq Error | -184.69 kHz | % of OBW Power | 99.00 % |
| x dB Bandwidth | 9.609 MHz | x dB | -26.00 dB |

May 23, 2024 8:20:35 AM

Local

N26a(814-824MHz)-10M-OBW-M-DFT-s-OFDM-QPSK

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF
RL **Coupling: DC**
Align: Off

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

Atten: 36 dB
Preamp: Off

Trig: Free Run
Gate: Off
#F Gain: Low

Center Freq: 819.000000 MHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 819.000000 MHz
Span: 30.000 MHz
CF Step: 3.000000 MHz
Auto Man
Freq Offset: 0 Hz

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 5.50 dB
Ref Value 30.00 dBm
Mkr1 815.970000 MHz
16.50 dBm

Center 819.00 MHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

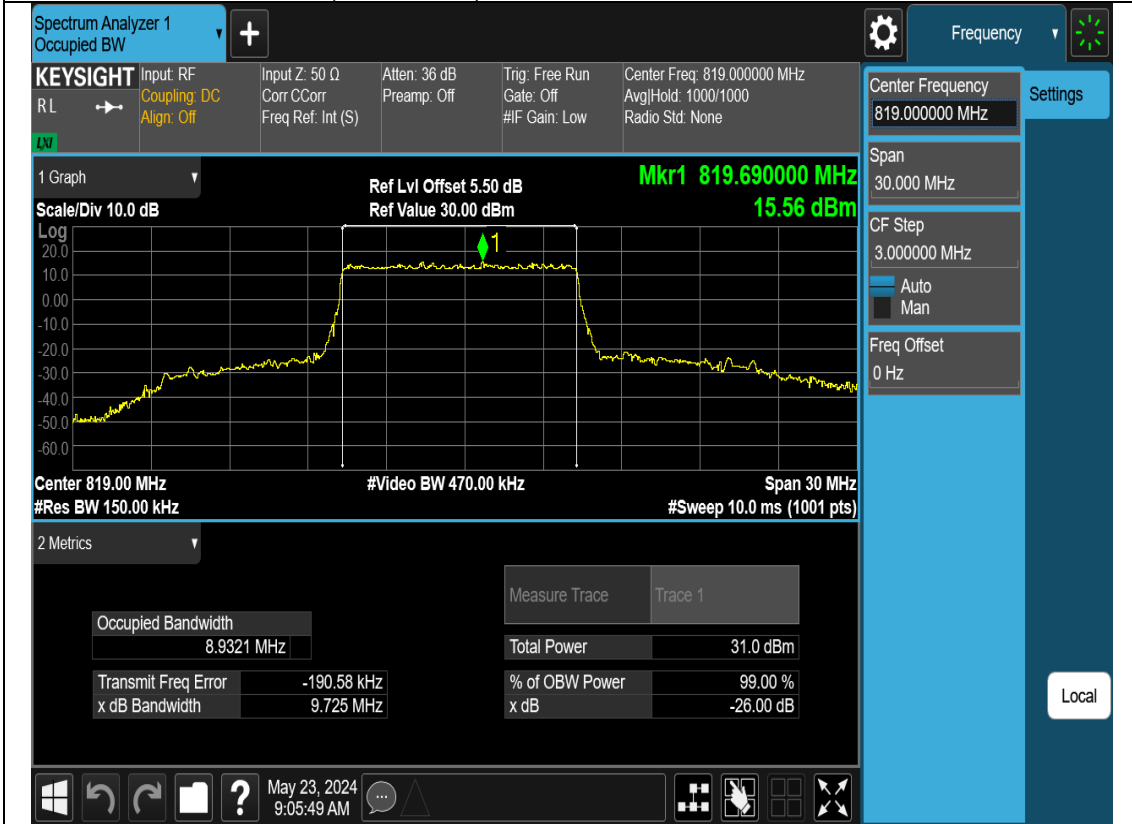
2 Metrics

| Measure Trace | | Trace 1 | |
|---------------------|-------------|----------------|-----------|
| Occupied Bandwidth | 8.9447 MHz | Total Power | 32.0 dBm |
| Transmit Freq Error | -192.07 kHz | % of OBW Power | 99.00 % |
| x dB Bandwidth | 9.739 MHz | x dB | -26.00 dB |

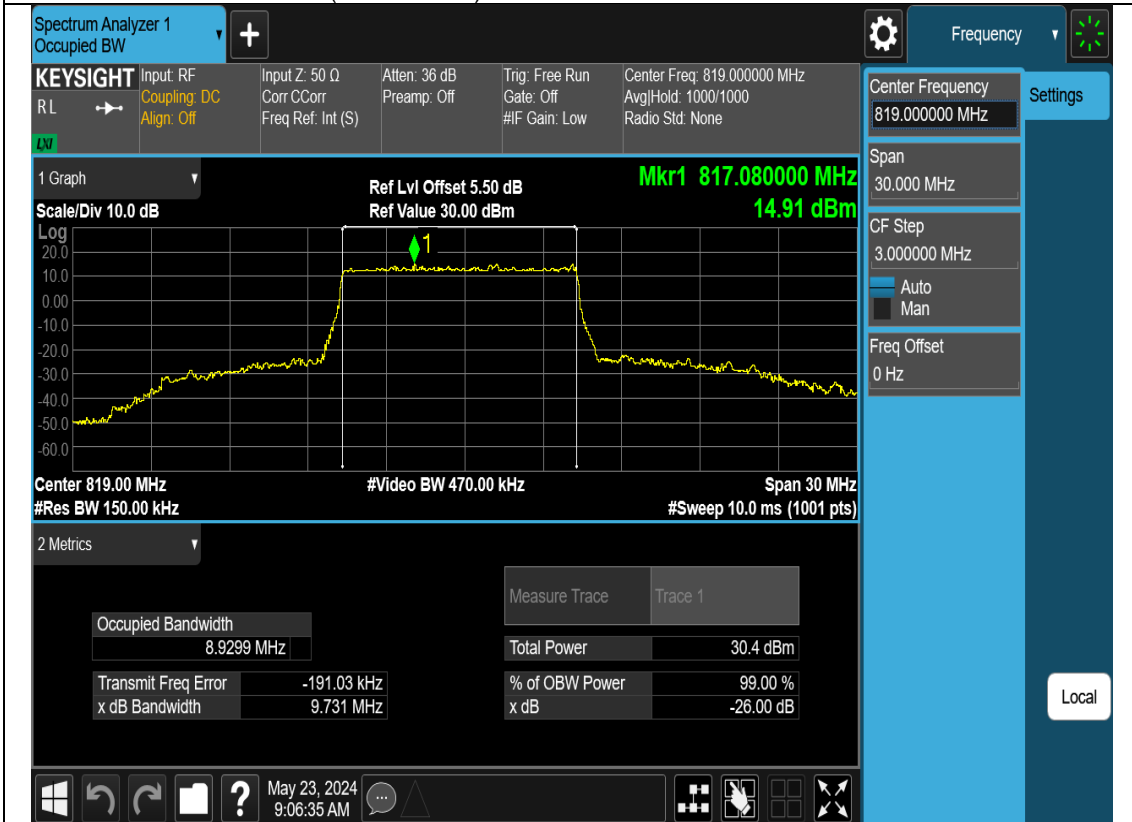
May 23, 2024 9:05:04 AM

Local

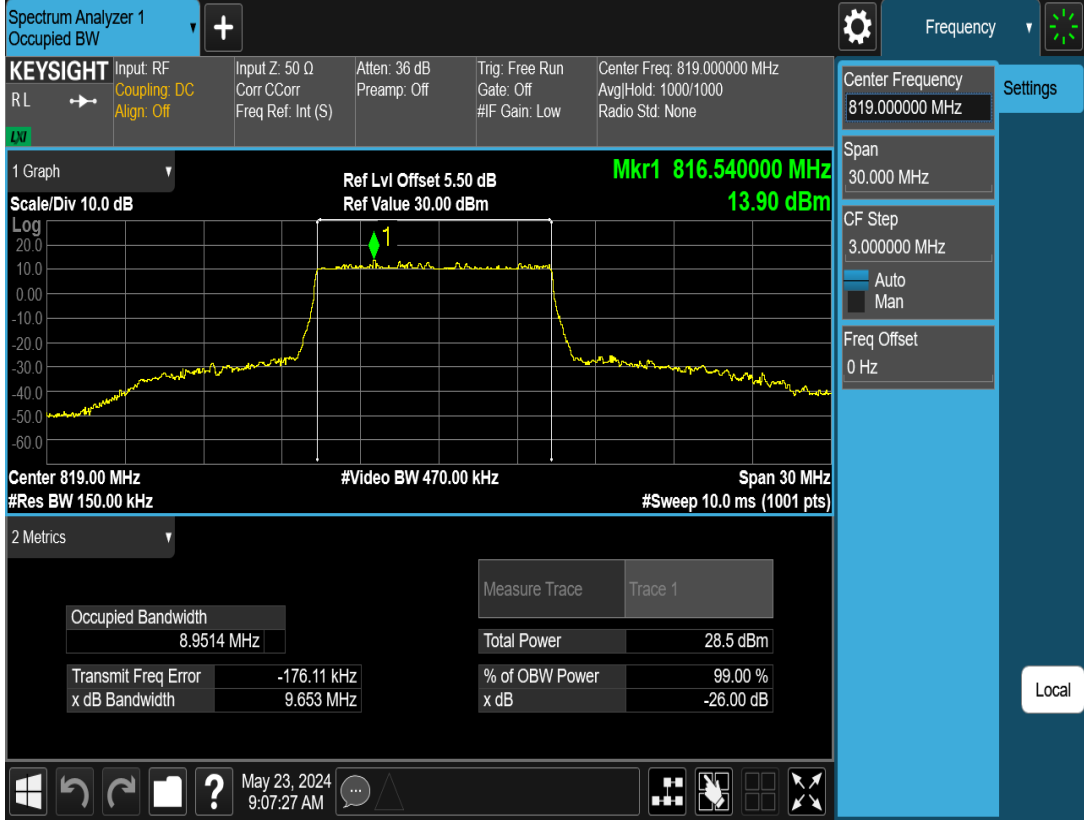
N26a(814-824MHz)-10M-OBW-M-DFT-s-OFDM-16QAM



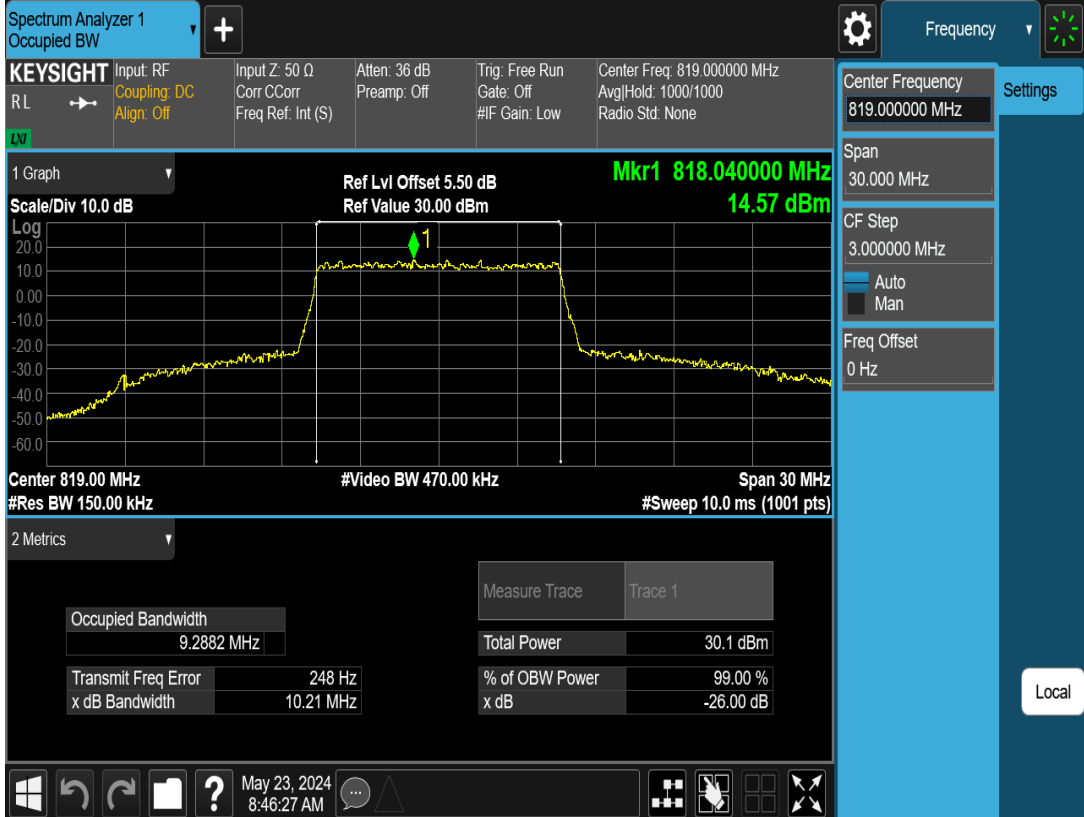
N26a(814-824MHz)-10M-OBW-M-DFT-s-OFDM-64QAM



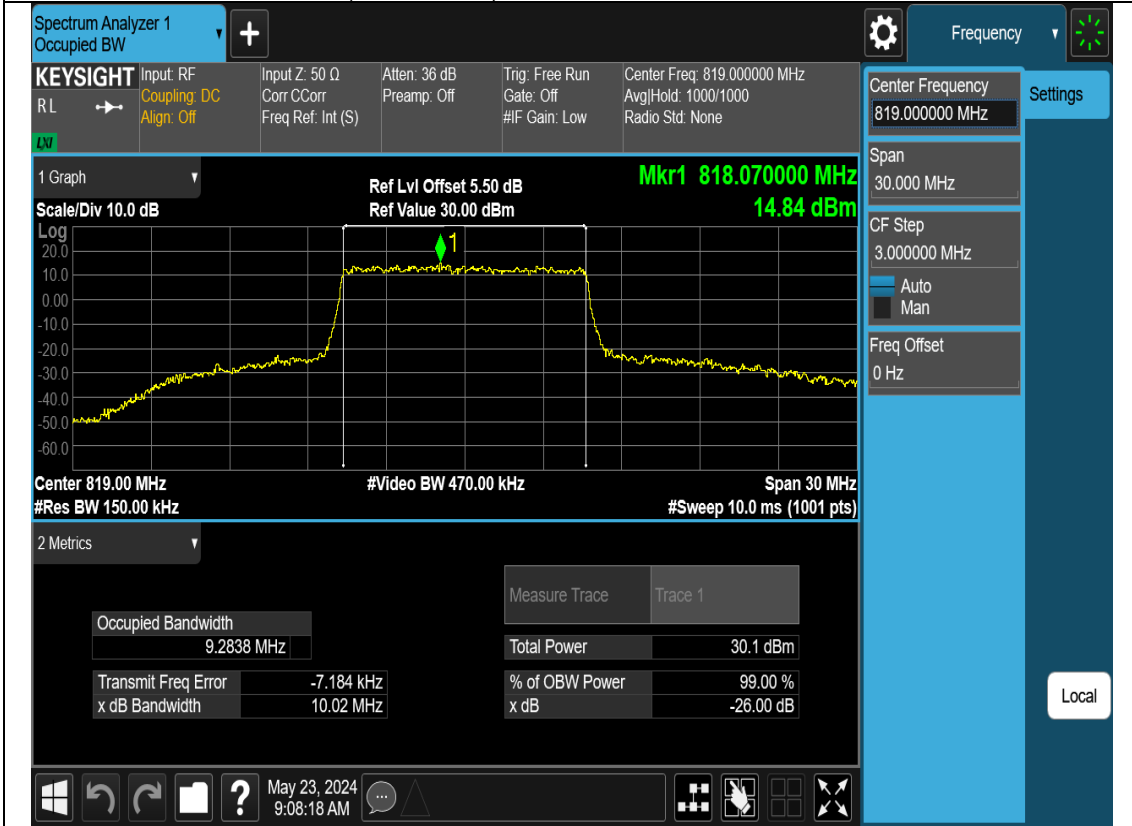
N26a(814-824MHz)-10M-OBW-M-DFT-s-OFDM-256QAM



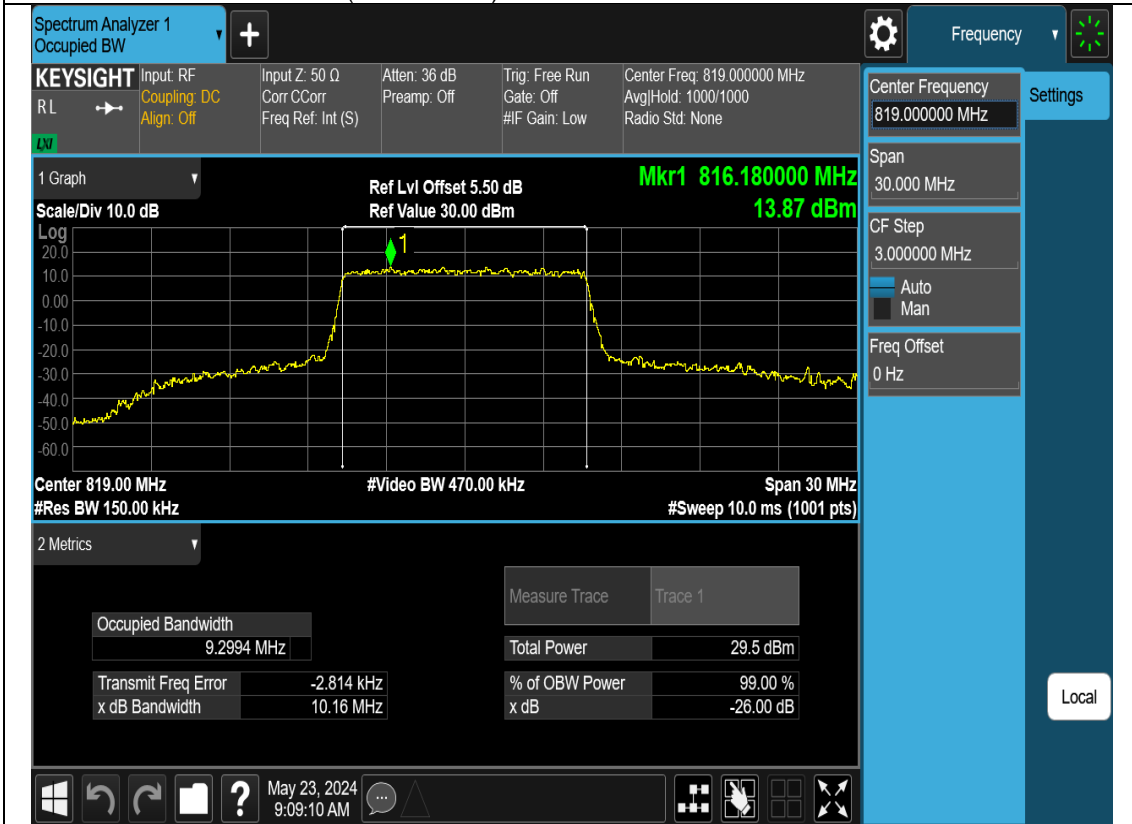
N26a(814-824MHz)-10M-OBW-M-CP-OFDM-QPSK



N26a(814-824MHz)-10M-OBW-M-CP-OFDM-16QAM



N26a(814-824MHz)-10M-OBW-M-CP-OFDM-64QAM



N26a(814-824MHz)-10M-OBW-M-CP-OFDM-256QAM

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF
RL → Coupling: DC
Align: Off

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

Atten: 36 dB
Preamp: Off

Trig: Free Run
Gate: Off
#IF Gain: Low

Center Freq: 819.000000 MHz
Avg/Hold: 1000/1000
Radio Std: None

Center Frequency: 819.000000 MHz
Span: 30.000 MHz
CF Step: 3.000000 MHz
Auto
Man
Freq Offset: 0 Hz

1 Graph
Scale/Div 10.0 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

Ref Lvl Offset 5.50 dB
Ref Value 30.00 dBm
Mkr1 818.250000 MHz
11.43 dBm

Center 819.00 MHz
#Res BW 150.00 kHz
#Video BW 470.00 kHz
Span 30 MHz
#Sweep 10.0 ms (1001 pts)

2 Metrics

| Measure Trace | | Trace 1 | |
|---------------------|------------|----------------|-----------|
| Occupied Bandwidth | 9.2914 MHz | Total Power | 26.5 dBm |
| Transmit Freq Error | -3.107 kHz | % of OBW Power | 99.00 % |
| x dB Bandwidth | 9.992 MHz | x dB | -26.00 dB |

Local

May 23, 2024
9:10:02 AM

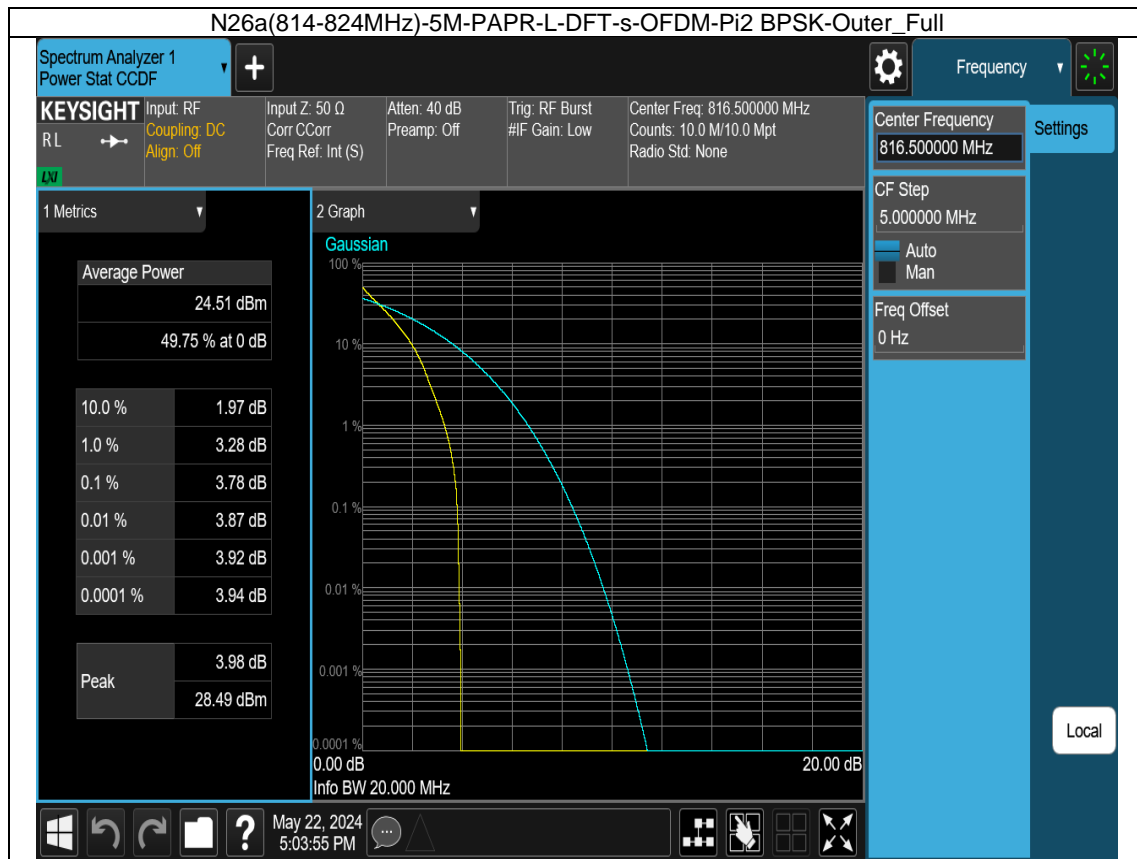
Peak-Average Ratio

Test Result

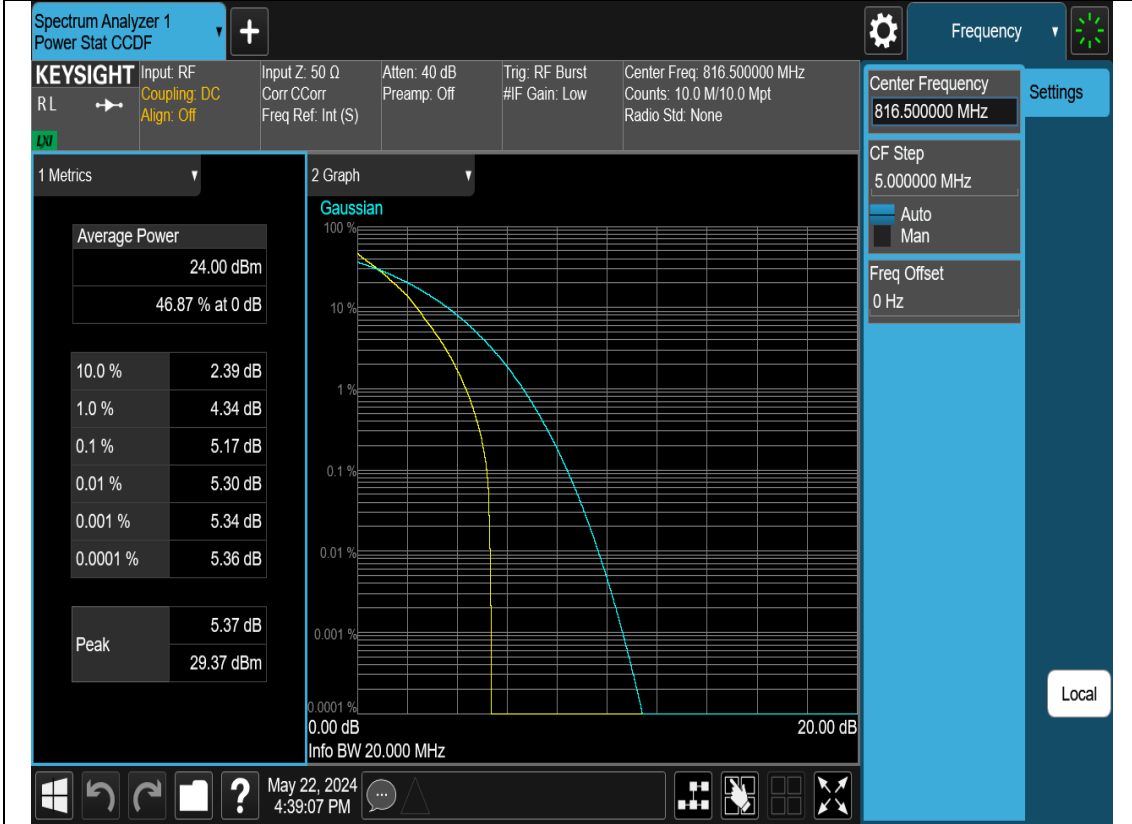
| 5G NR n26a(814-824MHz) SCS=15kHz 5MHz | | | | | |
|---------------------------------------|------------|---------------|-------------------------|-------|---------|
| Modulation | CH | RB Allocation | Peak-Average Ratio (dB) | Limit | Verdict |
| DFT-s-OFDM PI/2 BPSK | Low CH | Outer_Full | 3.78 | <=13 | Pass |
| DFT-s-OFDM QPSK | | Outer_Full | 5.17 | <=13 | Pass |
| DFT-s-OFDM 16QAM | | Outer_Full | 6.00 | <=13 | Pass |
| DFT-s-OFDM 64QAM | | Outer_Full | 6.03 | <=13 | Pass |
| DFT-s-OFDM 256QAM | | Outer_Full | 6.35 | <=13 | Pass |
| CP-OFDM QPSK | | Outer_Full | 7.31 | <=13 | Pass |
| CP-OFDM 16QAM | | Outer_Full | 7.44 | <=13 | Pass |
| CP-OFDM 64QAM | | Outer_Full | 6.90 | <=13 | Pass |
| CP-OFDM 256QAM | | Outer_Full | 8.65 | <=13 | Pass |
| DFT-s-OFDM PI/2 BPSK | | Middle CH | Outer_Full | 3.78 | <=13 |
| DFT-s-OFDM QPSK | Outer_Full | | 5.23 | <=13 | Pass |
| DFT-s-OFDM 16QAM | Outer_Full | | 6.02 | <=13 | Pass |
| DFT-s-OFDM 64QAM | Outer_Full | | 6.15 | <=13 | Pass |
| DFT-s-OFDM 256QAM | Outer_Full | | 6.44 | <=13 | Pass |
| CP-OFDM QPSK | Outer_Full | | 7.00 | <=13 | Pass |
| CP-OFDM 16QAM | Outer_Full | | 7.45 | <=13 | Pass |
| CP-OFDM 64QAM | Outer_Full | | 6.97 | <=13 | Pass |
| CP-OFDM 256QAM | Outer_Full | | 8.46 | <=13 | Pass |
| DFT-s-OFDM PI/2 BPSK | High CH | | Outer_Full | 3.85 | <=13 |
| DFT-s-OFDM QPSK | | Outer_Full | 5.36 | <=13 | Pass |
| DFT-s-OFDM 16QAM | | Outer_Full | 6.38 | <=13 | Pass |
| DFT-s-OFDM 64QAM | | Outer_Full | 6.30 | <=13 | Pass |
| DFT-s-OFDM 256QAM | | Outer_Full | 6.33 | <=13 | Pass |
| CP-OFDM QPSK | | Outer_Full | 7.09 | <=13 | Pass |
| CP-OFDM 16QAM | | Outer_Full | 7.45 | <=13 | Pass |
| CP-OFDM 64QAM | | Outer_Full | 7.01 | <=13 | Pass |
| CP-OFDM 256QAM | | Outer_Full | 8.48 | <=13 | Pass |

| 5G NR n26a(814-824MHz) SCS=15kHz 10MHz | | | | | |
|--|-----------|---------------|-------------------------|-------|---------|
| Modulation | CH | RB Allocation | Peak-Average Ratio (dB) | Limit | Verdict |
| DFT-s-OFDM PI/2 BPSK | Middle CH | Outer_Full | 3.98 | <=13 | Pass |
| DFT-s-OFDM QPSK | | Outer_Full | 5.44 | <=13 | Pass |
| DFT-s-OFDM 16QAM | | Outer_Full | 6.27 | <=13 | Pass |
| DFT-s-OFDM 64QAM | | Outer_Full | 6.50 | <=13 | Pass |
| DFT-s-OFDM 256QAM | | Outer_Full | 6.79 | <=13 | Pass |
| CP-OFDM QPSK | | Outer_Full | 7.39 | <=13 | Pass |
| CP-OFDM 16QAM | | Outer_Full | 7.44 | <=13 | Pass |
| CP-OFDM 64QAM | | Outer_Full | 7.08 | <=13 | Pass |
| CP-OFDM 256QAM | | Outer_Full | 8.22 | <=13 | Pass |

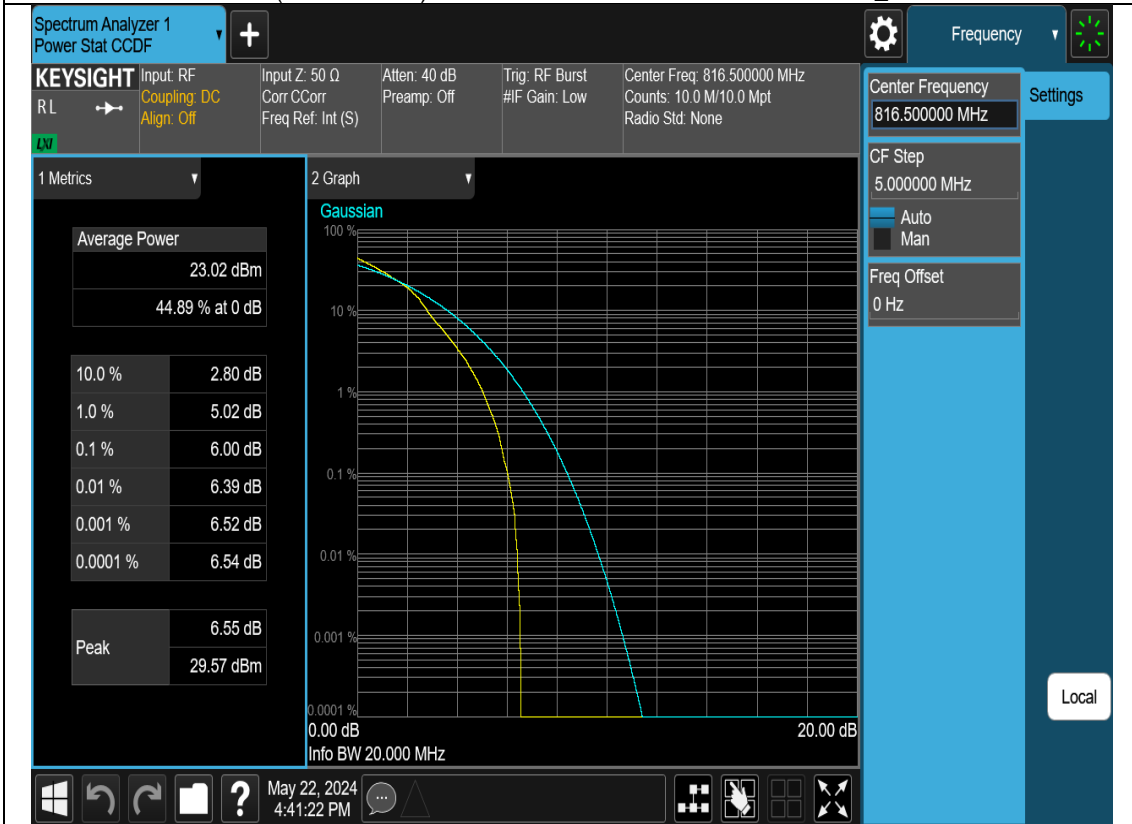
Test Graph



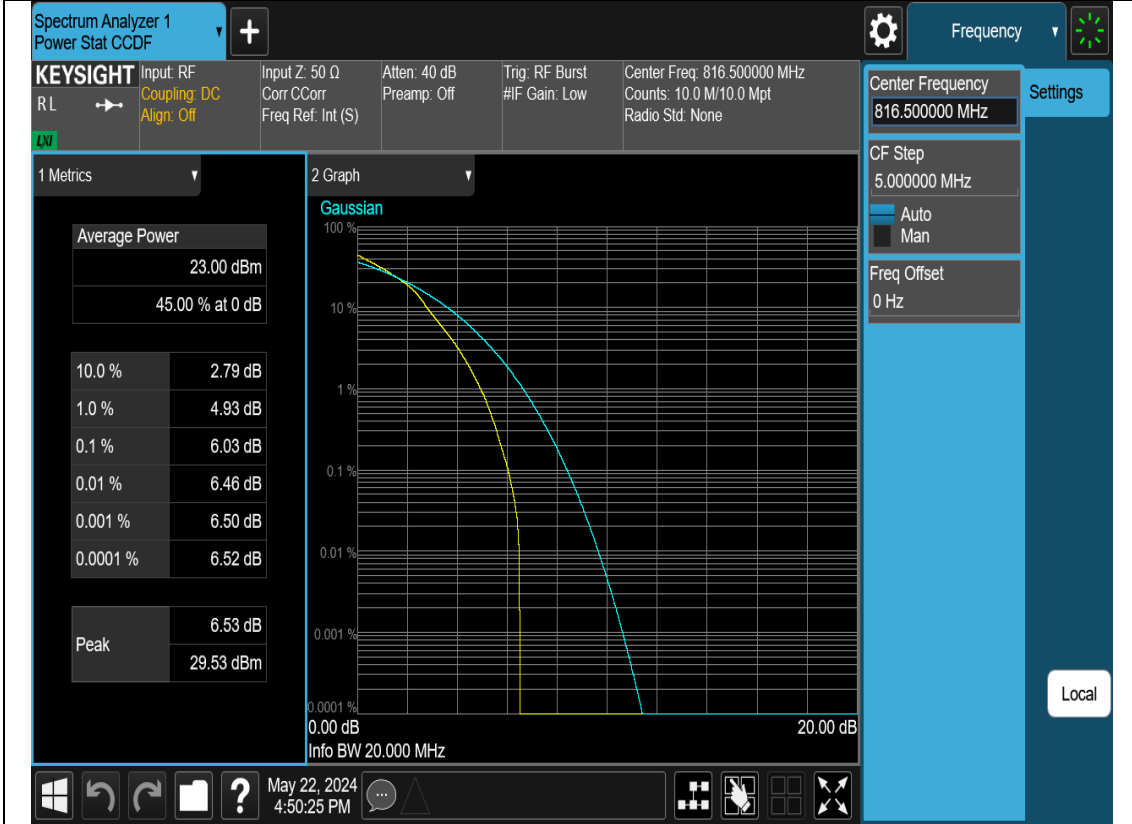
N26a(814-824MHz)-5M-PAPR-L-DFT-s-OFDM-QPSK-Outer_Full



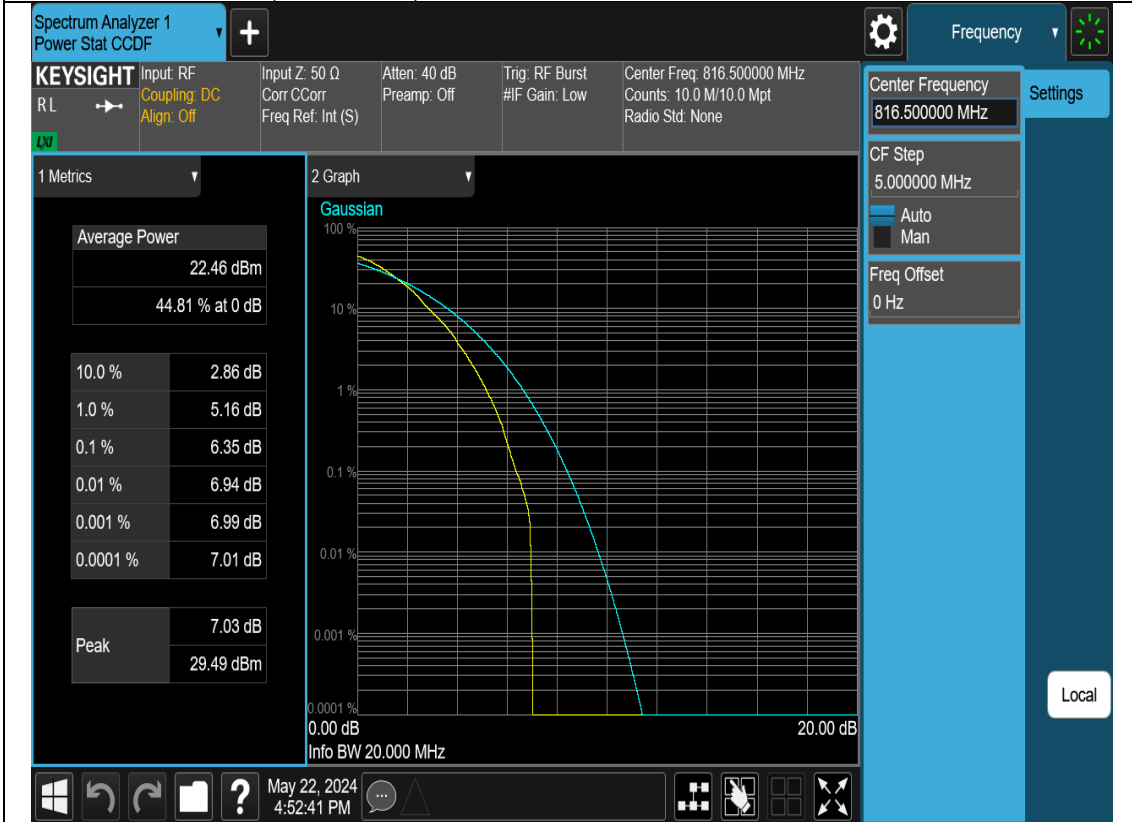
N26a(814-824MHz)-5M-PAPR-L-DFT-s-OFDM-16QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-L-DFT-s-OFDM-64QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-L-DFT-s-OFDM-256QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-L-CP-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

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

Atten: 40 dB
Preamp: Off

Trig: RF Burst
#IF Gain: Low

Center Freq: 816.500000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 816.500000 MHz
CF Step: 5.000000 MHz
Freq Offset: 0 Hz

1 Metrics

Average Power
22.08 dBm
36.65 % at 0 dB

| | |
|----------|---------|
| 10.0 % | 3.72 dB |
| 1.0 % | 6.40 dB |
| 0.1 % | 7.31 dB |
| 0.01 % | 7.43 dB |
| 0.001 % | 7.48 dB |
| 0.0001 % | 7.50 dB |

Peak
7.51 dB
29.59 dBm

2 Graph
Gaussian

0.0001 %
0.00 dB
Info BW 20.000 MHz

May 23, 2024
8:07:06 AM

Local

N26a(814-824MHz)-5M-PAPR-L-CP-OFDM-16QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

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

Atten: 40 dB
Preamp: Off

Trig: RF Burst
#IF Gain: Low

Center Freq: 816.500000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 816.500000 MHz
CF Step: 5.000000 MHz
Freq Offset: 0 Hz

1 Metrics

Average Power
21.90 dBm
35.98 % at 0 dB

| | |
|----------|---------|
| 10.0 % | 3.75 dB |
| 1.0 % | 6.64 dB |
| 0.1 % | 7.44 dB |
| 0.01 % | 7.52 dB |
| 0.0001 % | 7.56 dB |

Peak
7.57 dB
29.47 dBm

2 Graph
Gaussian

0.0001 %
0.00 dB
Info BW 20.000 MHz

May 22, 2024
4:55:09 PM

Local

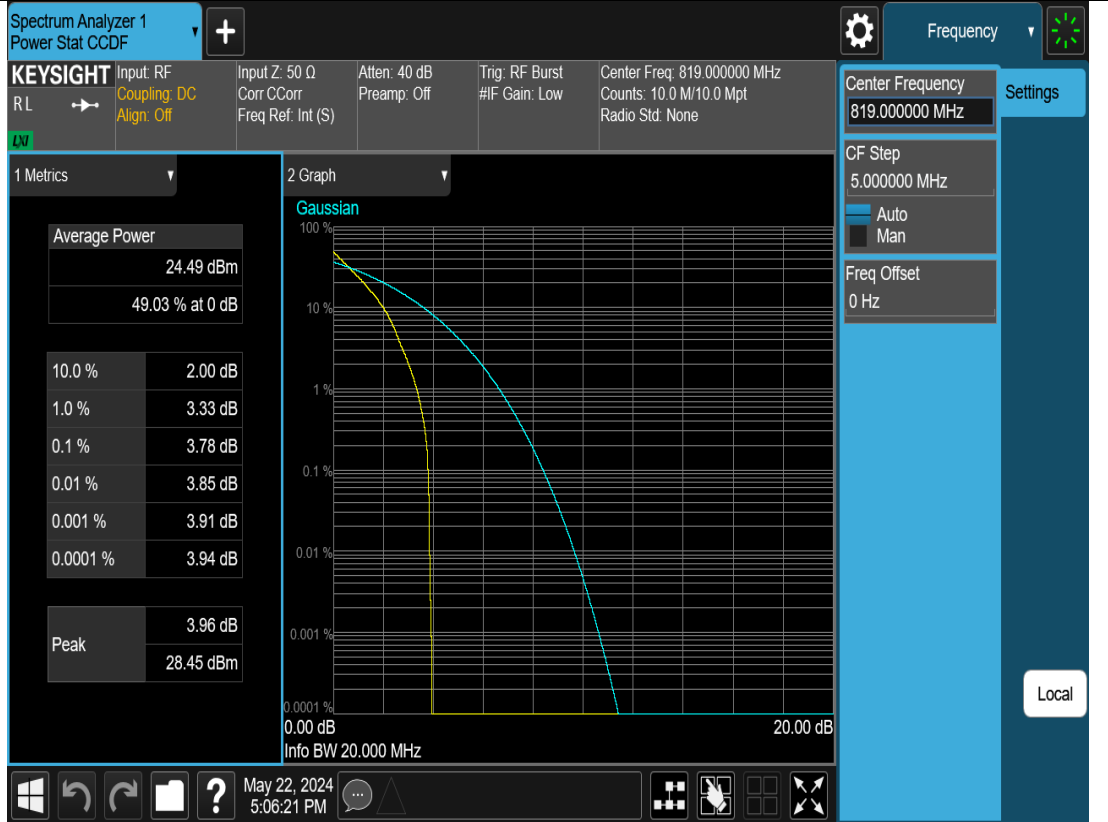
N26a(814-824MHz)-5M-PAPR-L-CP-OFDM-64QAM-Outer_Full



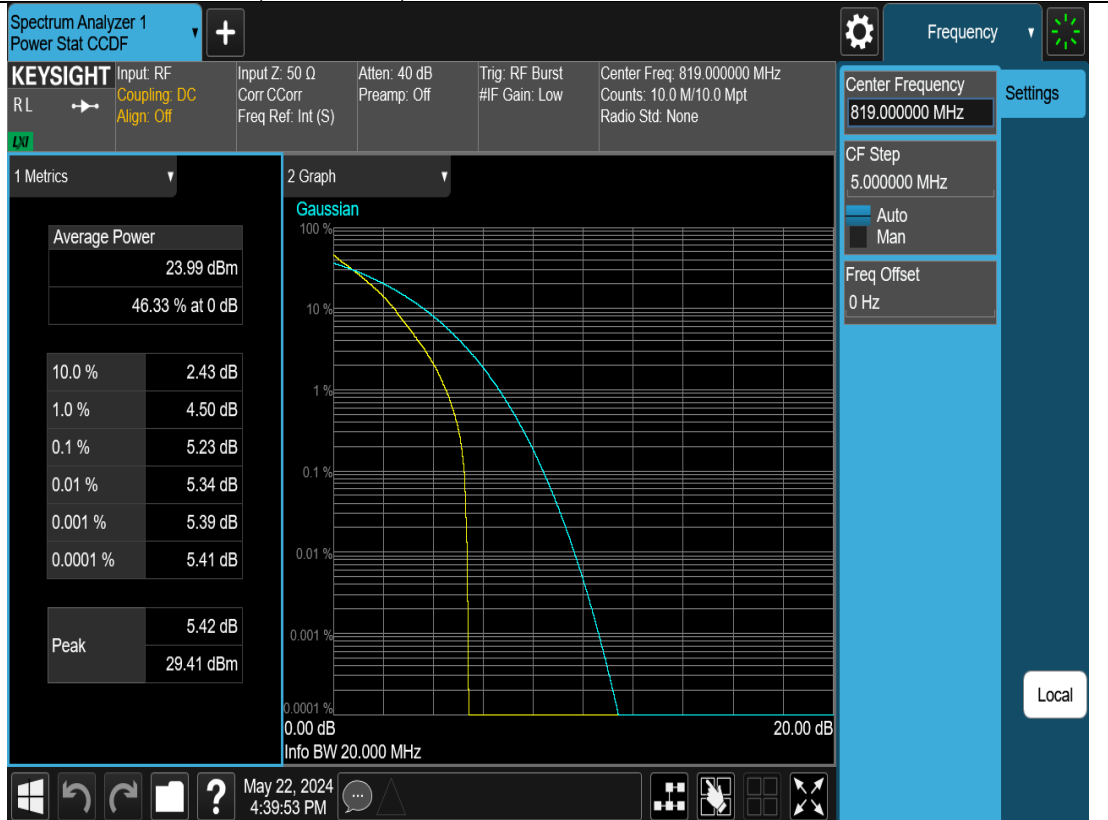
N26a(814-824MHz)-5M-PAPR-L-CP-OFDM-256QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(814-824MHz)-5M-PAPR-M-DFT-s-OFDM-QPSK-Outer_Full



N26a(814-824MHz)-5M-PAPR-M-DFT-s-OFDM-16QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-M-DFT-s-OFDM-64QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-M-DFT-s-OFDM-256QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-M-CP-OFDM-QPSK-Outer_Full



N26a(814-824MHz)-5M-PAPR-M-CP-OFDM-16QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

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

Atten: 40 dB
Preamp: Off

Trig: RF Burst
#IF Gain: Low

Center Freq: 819.000000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 819.000000 MHz
CF Step: 5.000000 MHz
Auto
Man
Freq Offset: 0 Hz

1 Metrics

Average Power
21.88 dBm
36.71 % at 0 dB

| | |
|----------|---------|
| 10.0 % | 3.75 dB |
| 1.0 % | 6.49 dB |
| 0.1 % | 7.45 dB |
| 0.01 % | 7.53 dB |
| 0.001 % | 7.57 dB |
| 0.0001 % | 7.59 dB |

Peak
7.62 dB
29.50 dBm

2 Graph
Gaussian

0.0001 %
0.00 dB
20.00 dB
Info BW 20.000 MHz

May 22, 2024
4:56:01 PM

Local

N26a(814-824MHz)-5M-PAPR-M-CP-OFDM-64QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

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

Atten: 40 dB
Preamp: Off

Trig: RF Burst
#IF Gain: Low

Center Freq: 819.000000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 819.000000 MHz
CF Step: 5.000000 MHz
Auto
Man
Freq Offset: 0 Hz

1 Metrics

Average Power
21.42 dBm
36.44 % at 0 dB

| | |
|----------|---------|
| 10.0 % | 3.71 dB |
| 1.0 % | 6.46 dB |
| 0.1 % | 6.97 dB |
| 0.01 % | 7.03 dB |
| 0.001 % | 7.05 dB |
| 0.0001 % | 7.07 dB |

Peak
7.09 dB
28.51 dBm

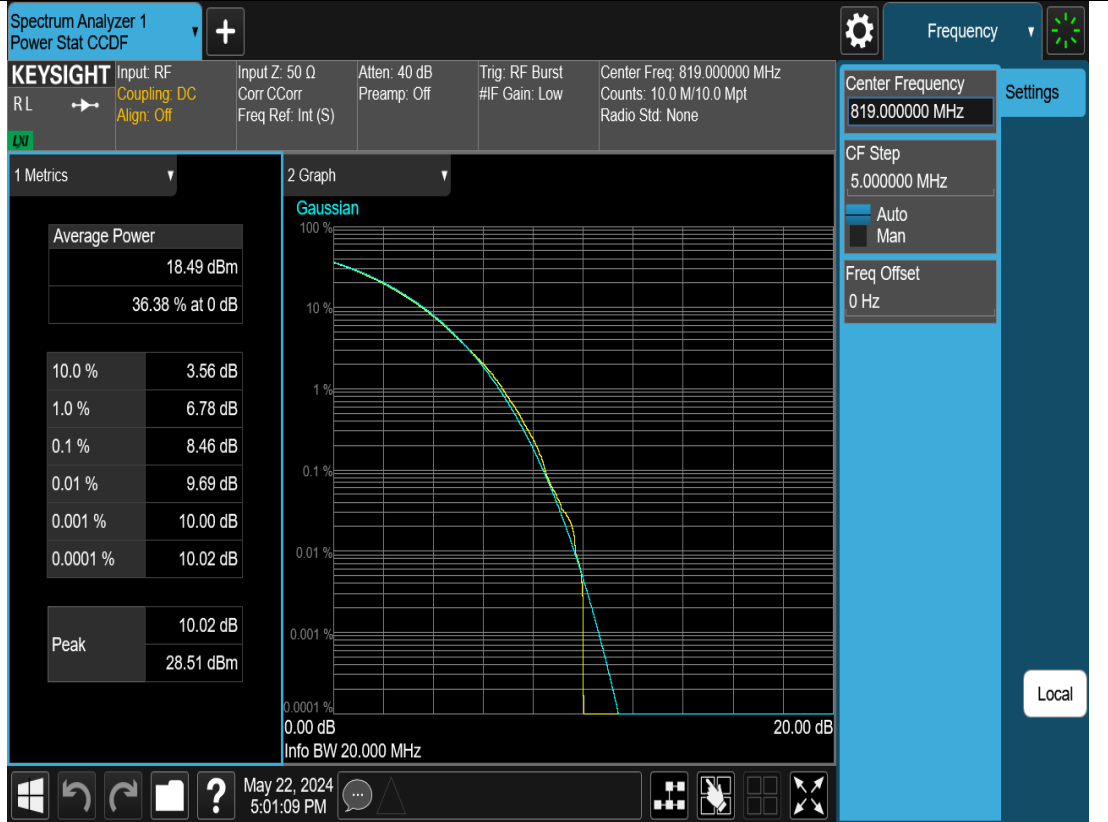
2 Graph
Gaussian

0.0001 %
0.00 dB
20.00 dB
Info BW 20.000 MHz

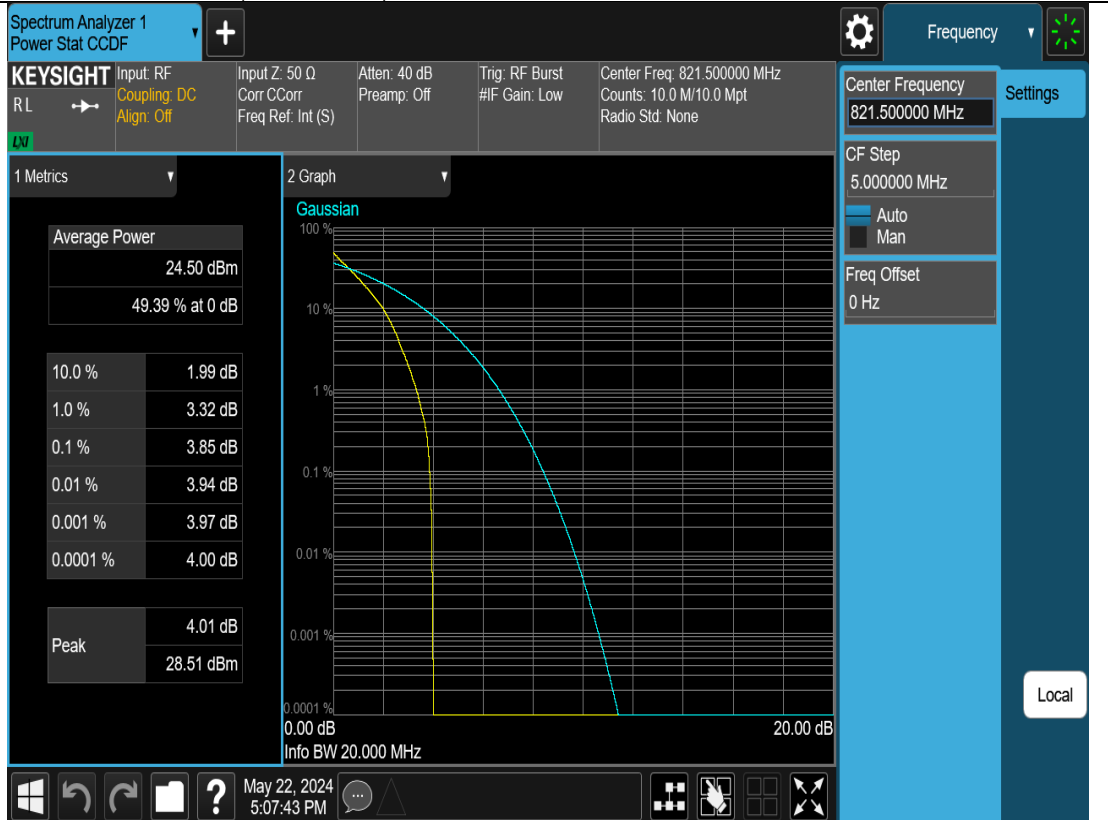
May 22, 2024
4:58:34 PM

Local

N26a(814-824MHz)-5M-PAPR-M-CP-OFDM-256QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



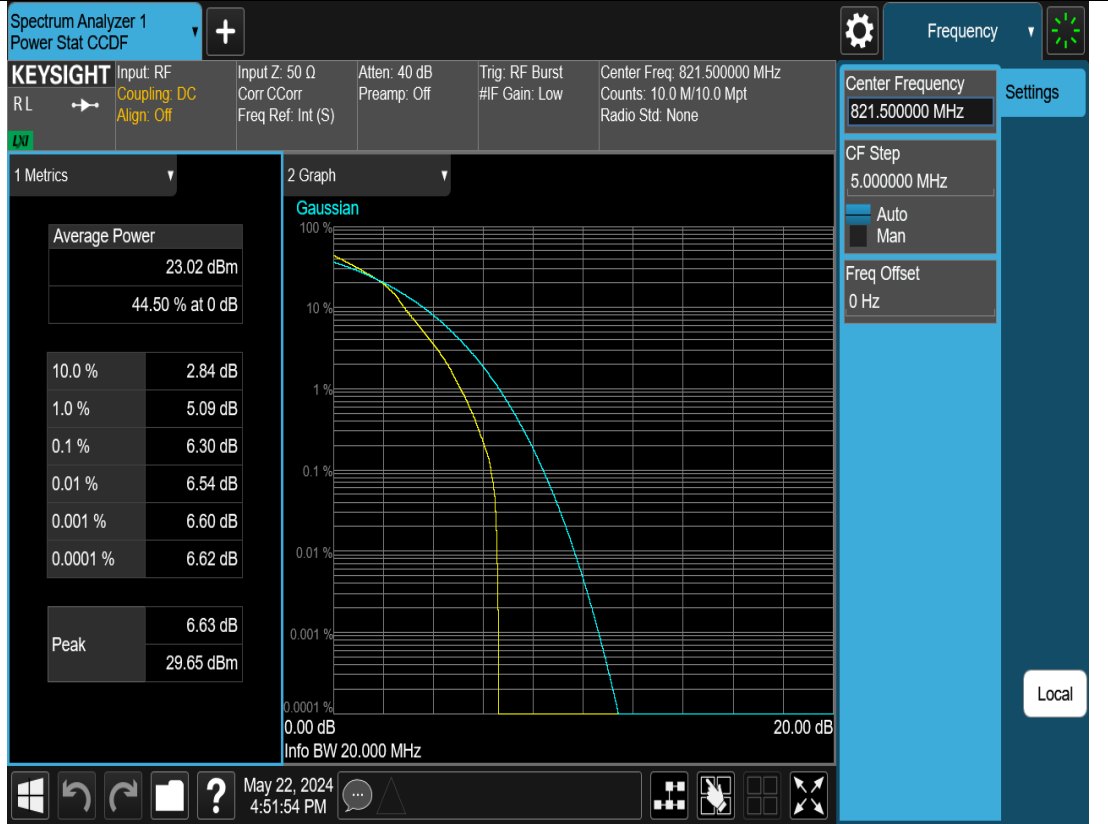
N26a(814-824MHz)-5M-PAPR-H-DFT-s-OFDM-QPSK-Outer_Full



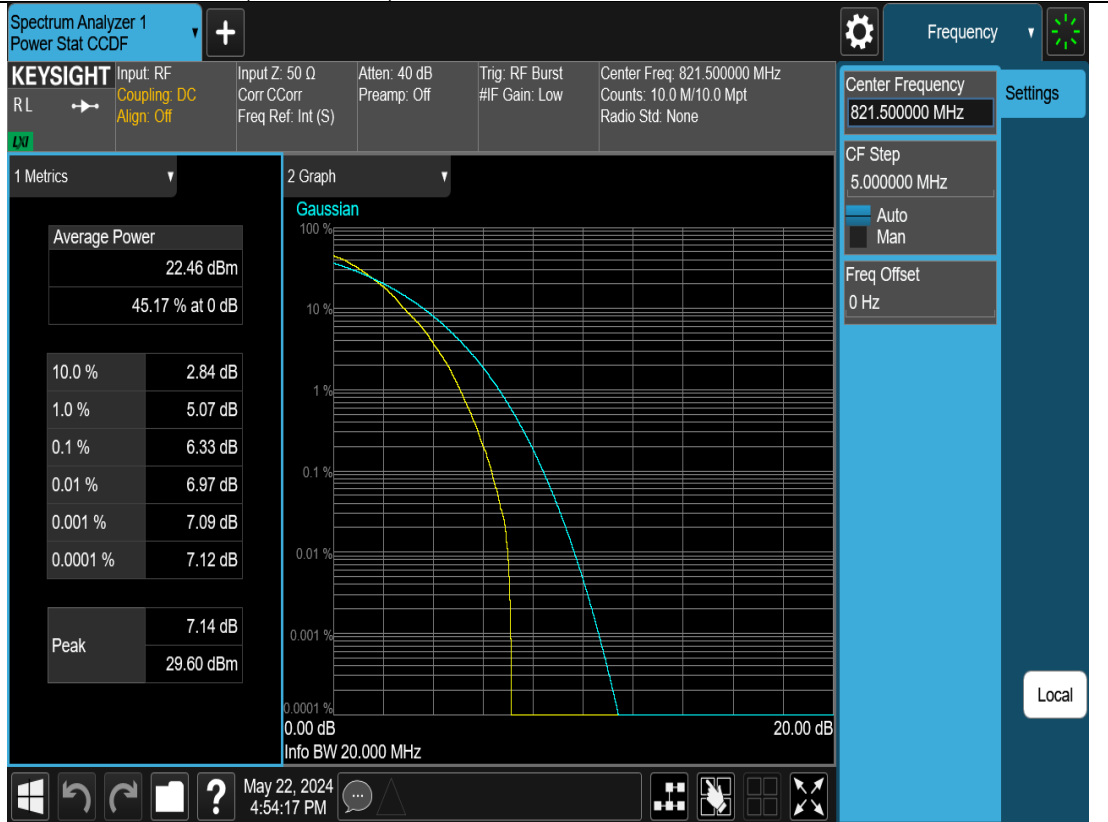
N26a(814-824MHz)-5M-PAPR-H-DFT-s-OFDM-16QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-H-DFT-s-OFDM-64QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-H-DFT-s-OFDM-256QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-H-CP-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

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

Atten: 40 dB
Preamp: Off

Trig: RF Burst
#IF Gain: Low

Center Freq: 821.500000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 821.500000 MHz
CF Step: 5.000000 MHz
Freq Offset: 0 Hz

1 Metrics

| | |
|-----------------|-----------|
| Average Power | |
| 21.51 dBm | |
| 36.28 % at 0 dB | |
| 10.0 % | 3.72 dB |
| 1.0 % | 6.53 dB |
| 0.1 % | 7.09 dB |
| 0.01 % | 7.16 dB |
| 0.001 % | 7.21 dB |
| 0.0001 % | 7.24 dB |
| Peak | 7.25 dB |
| | 28.76 dBm |

2 Graph

Gaussian

0.0001 %
0.001 %
0.01 %
0.1 %
1 %
10 %
100 %

0.00 dB
20.00 dB

Info BW 20.000 MHz

May 23, 2024
8:16:58 AM

Local

N26a(814-824MHz)-5M-PAPR-H-CP-OFDM-16QAM-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

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

Atten: 40 dB
Preamp: Off

Trig: RF Burst
#IF Gain: Low

Center Freq: 821.500000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 821.500000 MHz
CF Step: 5.000000 MHz
Freq Offset: 0 Hz

1 Metrics

| | |
|-----------------|-----------|
| Average Power | |
| 22.00 dBm | |
| 35.62 % at 0 dB | |
| 10.0 % | 3.83 dB |
| 1.0 % | 6.72 dB |
| 0.1 % | 7.45 dB |
| 0.01 % | 7.53 dB |
| 0.001 % | 7.58 dB |
| 0.0001 % | 7.61 dB |
| Peak | 7.62 dB |
| | 29.62 dBm |

2 Graph

Gaussian

0.0001 %
0.001 %
0.01 %
0.1 %
1 %
10 %
100 %

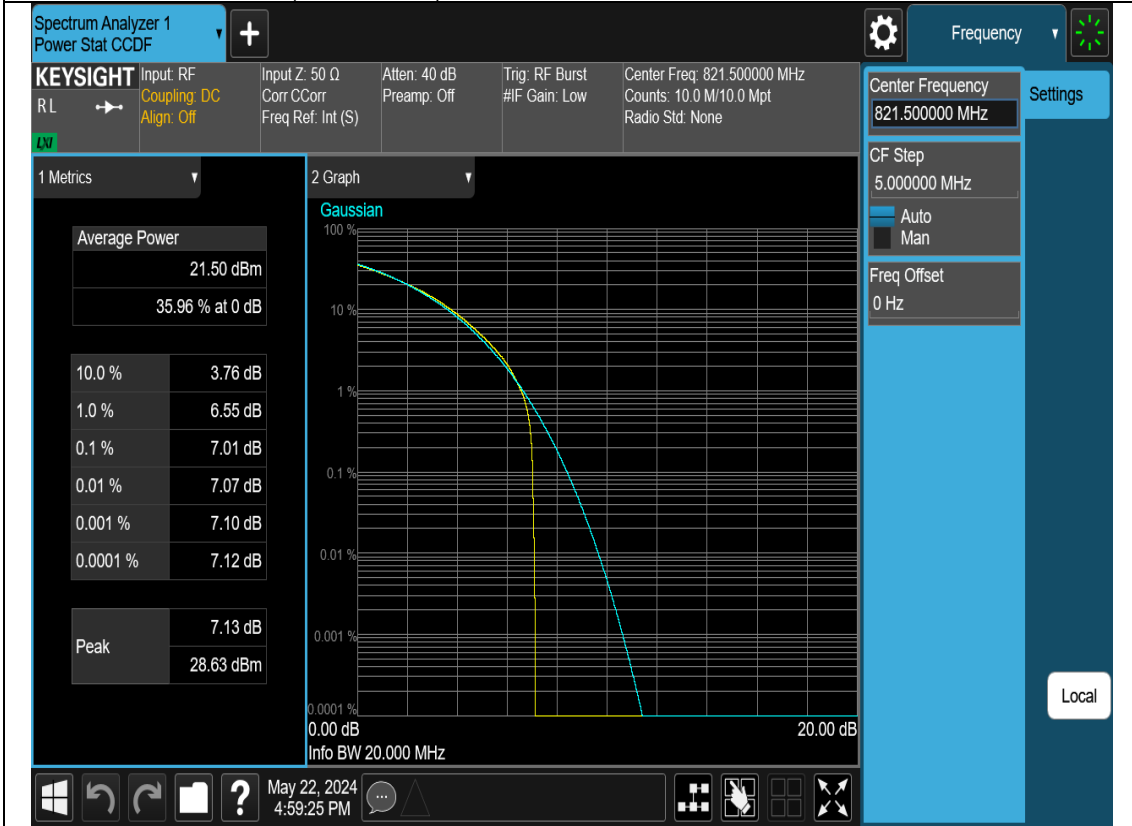
0.00 dB
20.00 dB

Info BW 20.000 MHz

May 22, 2024
4:56:51 PM

Local

N26a(814-824MHz)-5M-PAPR-H-CP-OFDM-64QAM-Outer_Full



N26a(814-824MHz)-5M-PAPR-H-CP-OFDM-256QAM-Outer_Full



N26a(814-824MHz)-10M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

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

Atten: 40 dB
Preamp: Off

Trig: RF Burst
#IF Gain: Low

Center Freq: 819.000000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 819.000000 MHz
CF Step: 5.000000 MHz
Auto
Man
Freq Offset: 0 Hz

1 Metrics

Average Power
24.70 dBm
48.51 % at 0 dB

| | |
|----------|---------|
| 10.0 % | 1.97 dB |
| 1.0 % | 3.29 dB |
| 0.1 % | 3.98 dB |
| 0.01 % | 4.14 dB |
| 0.001 % | 4.38 dB |
| 0.0001 % | 4.41 dB |

Peak
4.42 dB
29.12 dBm

2 Graph
Gaussian

0.0001 %
0.001 %
0.01 %
0.1 %
1 %
10 %
100 %

0.00 dB
20.00 dB
Info BW 20.000 MHz

May 23, 2024
8:20:50 AM

Local

N26a(814-824MHz)-10M-PAPR-M-DFT-s-OFDM-QPSK-Outer_Full

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF
R.L. Coupling: DC
Align: Off

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

Atten: 40 dB
Preamp: Off

Trig: RF Burst
#IF Gain: Low

Center Freq: 819.000000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None

Center Frequency: 819.000000 MHz
CF Step: 5.000000 MHz
Auto
Man
Freq Offset: 0 Hz

1 Metrics

Average Power
23.96 dBm
46.01 % at 0 dB

| | |
|----------|---------|
| 10.0 % | 2.44 dB |
| 1.0 % | 4.40 dB |
| 0.1 % | 5.44 dB |
| 0.01 % | 5.73 dB |
| 0.001 % | 5.80 dB |
| 0.0001 % | 5.84 dB |

Peak
5.86 dB
29.82 dBm

2 Graph
Gaussian

0.0001 %
0.001 %
0.01 %
0.1 %
1 %
10 %
100 %

0.00 dB
20.00 dB
Info BW 20.000 MHz

May 23, 2024
9:05:20 AM

Local