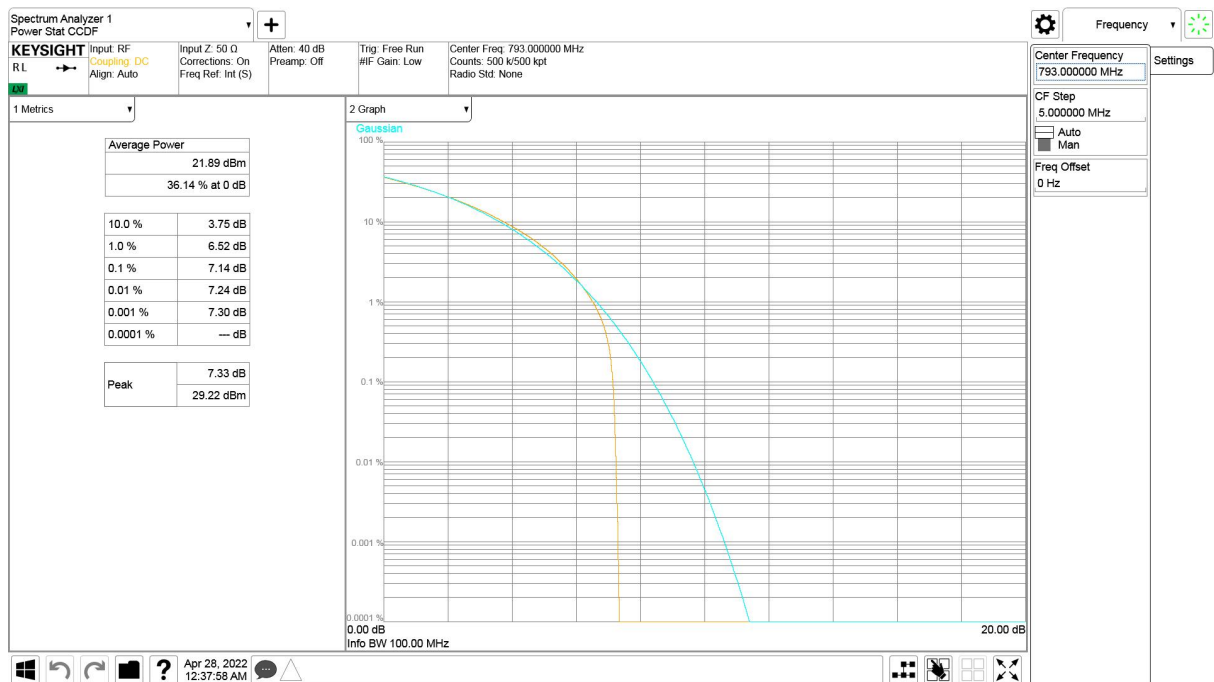
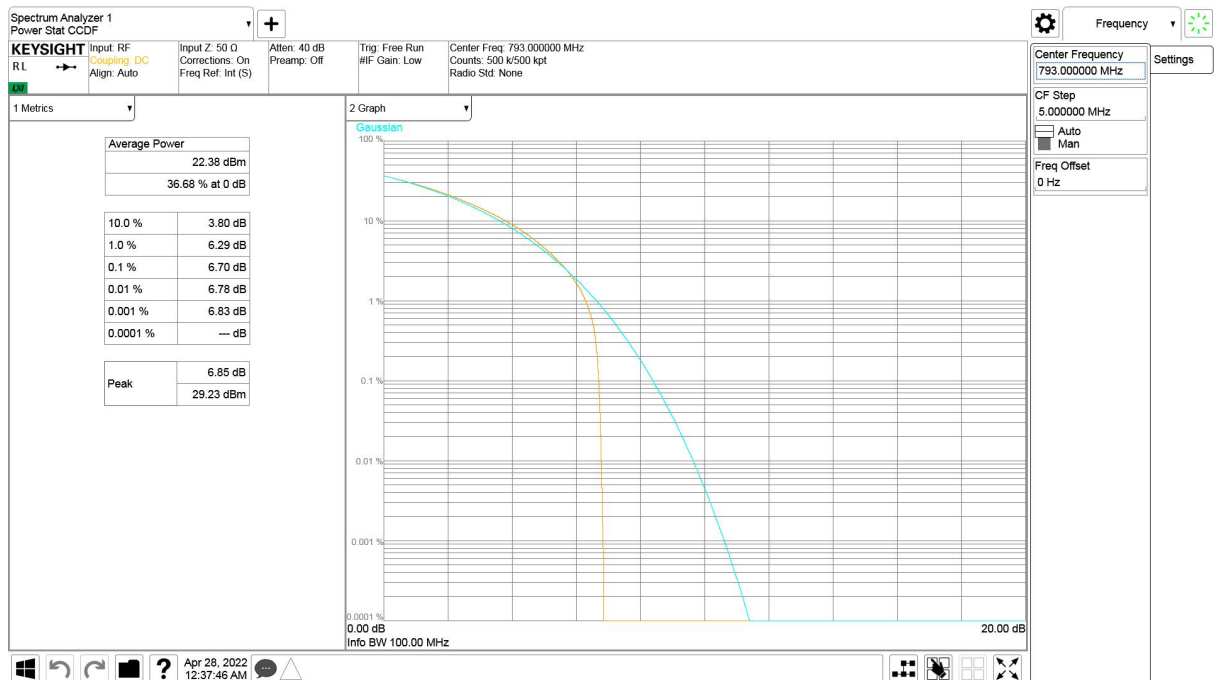
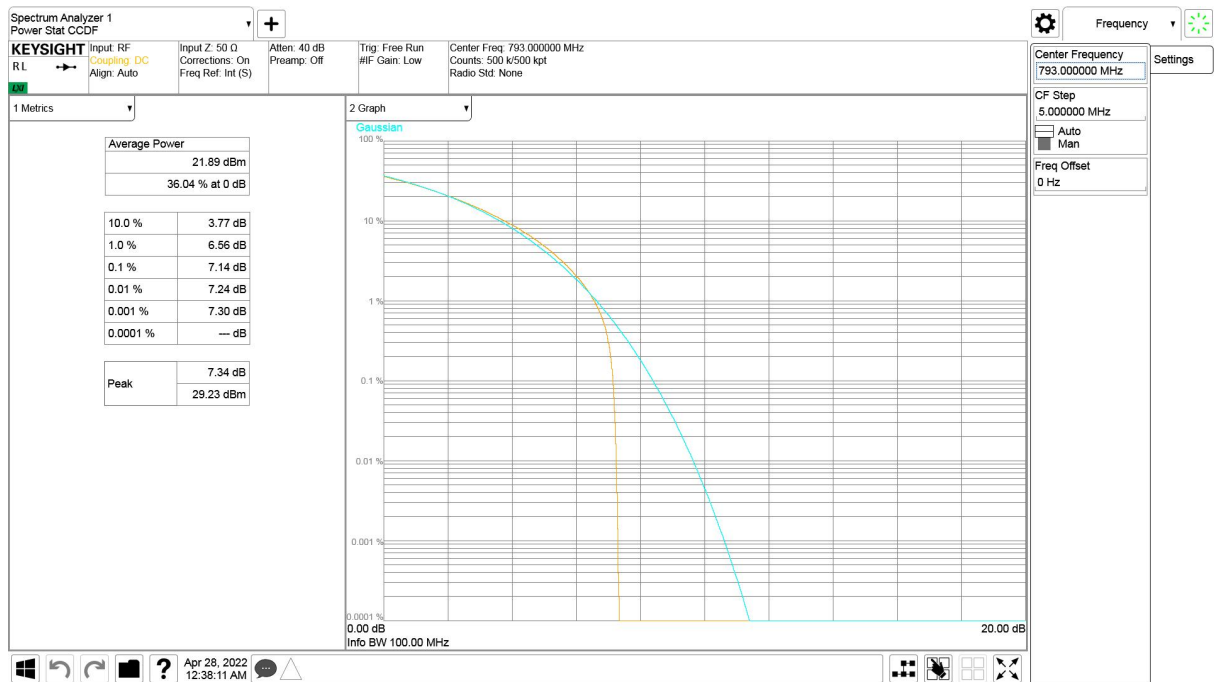






LTE Band 66+NR n25,20MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QA M	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1882.5	4.52	4.85	5.72	6.12	5.98	7.00	7.01	7.28	7.09

Band N25 , 20MHz Bandwidth,DFT-s-pi/2 BPSK



Spectrum Analyzer 1
Power Stat CCDF

Settings: Frequency

Center Frequency: 1.882500000 GHz

CF Step: 5.000000 MHz

Auto Man

Freq Offset: 0 Hz

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: On
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#F Gain: Low

Center Freq: 1.882500000 GHz
Counts: 500 k/500 kpt
Radio Std: None

1 Metrics

Average Power

24.93 dBm

45.38 % at 0 dB

10.0 % 1.95 dB

1.0 % 3.69 dB

0.1 % 4.52 dB

0.01 % 5.14 dB

0.001 % 5.46 dB

0.0001 % -- dB

Peak

5.58 dB

30.51 dBm

2 Graph

Gaussian

0.00 dB

Info BW 100.00 MHz

May 06, 2022 4:32:52 AM

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT
RL → **Coupling: DC**
Align: Auto

Input Z: 50 Ω
Corrections: On
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#IF Gain: Low

Center Freq: 1.882500000 GHz
Counts: 500 k/500 kpt
Radio Std: None

Center Frequency
1.882500000 GHz

Settings

CF Step
5.000000 MHz

☐ Auto
☒ Man

Freq Offset
0 Hz

1 Metrics

Average Power

25.00 dBm	
45.58 % at 0 dB	

10.0 %	2.38 dB
1.0 %	4.25 dB
0.1 %	4.85 dB
0.01 %	5.01 dB
0.001 %	5.11 dB
0.0001 %	— dB

Peak

Peak	5.20 dB
	30.20 dBm

2 Graph

Gaussian

0.00 dB
Info BW 100.00 MHz

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

20.00 dB

May 06, 2022
4:33:09 AM

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Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT  Input: RF
RL  Coupling: DC
Align: Auto

Input Z: 50 Ω Corrections: On
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#F Gain: Low

Center Freq: 1.882500000 GHz
Counts: 500 k/500 kpt
Radio Std: None

Center Frequency
1.882500000 GHz

Settings

CF Step
5.000000 MHz

Auto
Man

Freq Offset
0 Hz

1 Metrics

Average Power

23.91 dBm

43.69 % at 0 dB

10.0 %	2.86 dB
1.0 %	4.86 dB
0.1 %	5.72 dB
0.01 %	5.91 dB
0.001 %	6.01 dB
0.0001 %	— dB

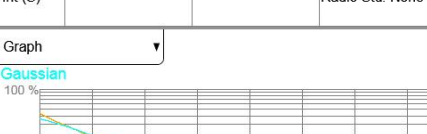
Peak

6.07 dB

29.98 dBm

2 Graph

Gaussian



0.00 dB
Info BW 100.00 MHz

20.00 dB

May 06, 2022
4:33:25 AM

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT
RL → Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: On
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#IF Gain: Low

Center Freq: 1.882500000 GHz
Counts: 500 k/500 kpt
Radio Std: None

Center Frequency
1.882500000 GHz

Settings

CF Step
5.000000 MHz

Auto
Man

Freq Offset
0 Hz

1 Metrics

Average Power

23.35 dBm

42.92 % at 0 dB

10.0 % 2.99 dB
1.0 % 5.13 dB
0.1 % 6.12 dB
0.01 % 6.41 dB
0.001 % 6.52 dB
0.0001 % --- dB

Peak

6.54 dB
29.89 dBm

2 Graph

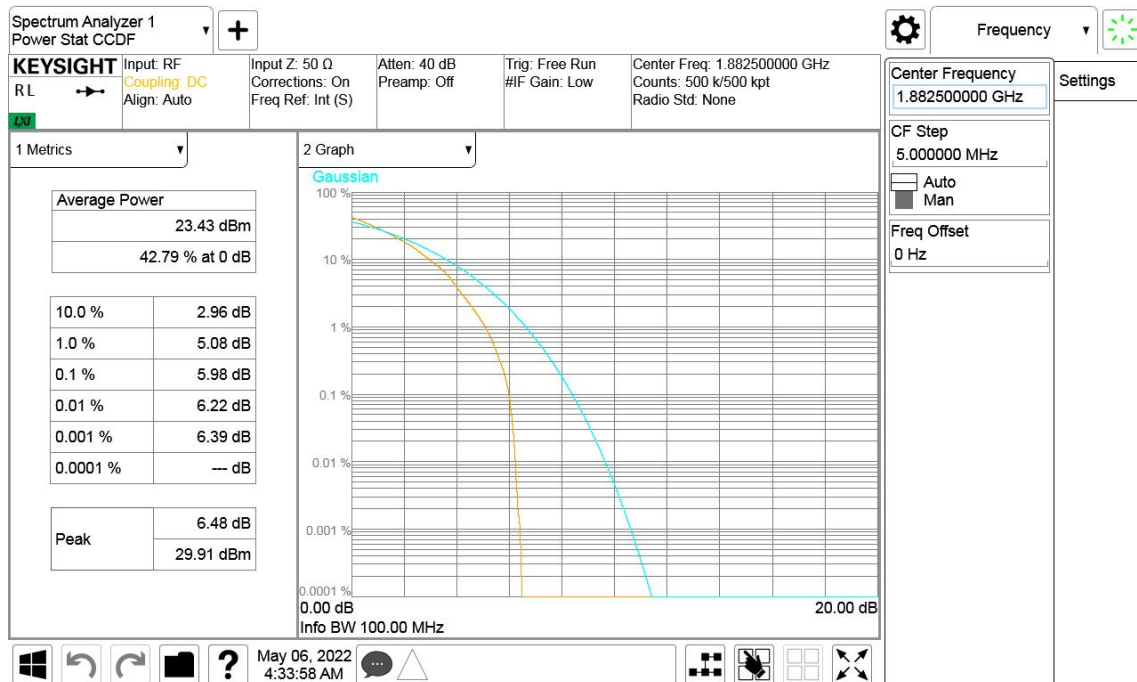
Gaussian

0.00 dB
Info BW 100.00 MHz

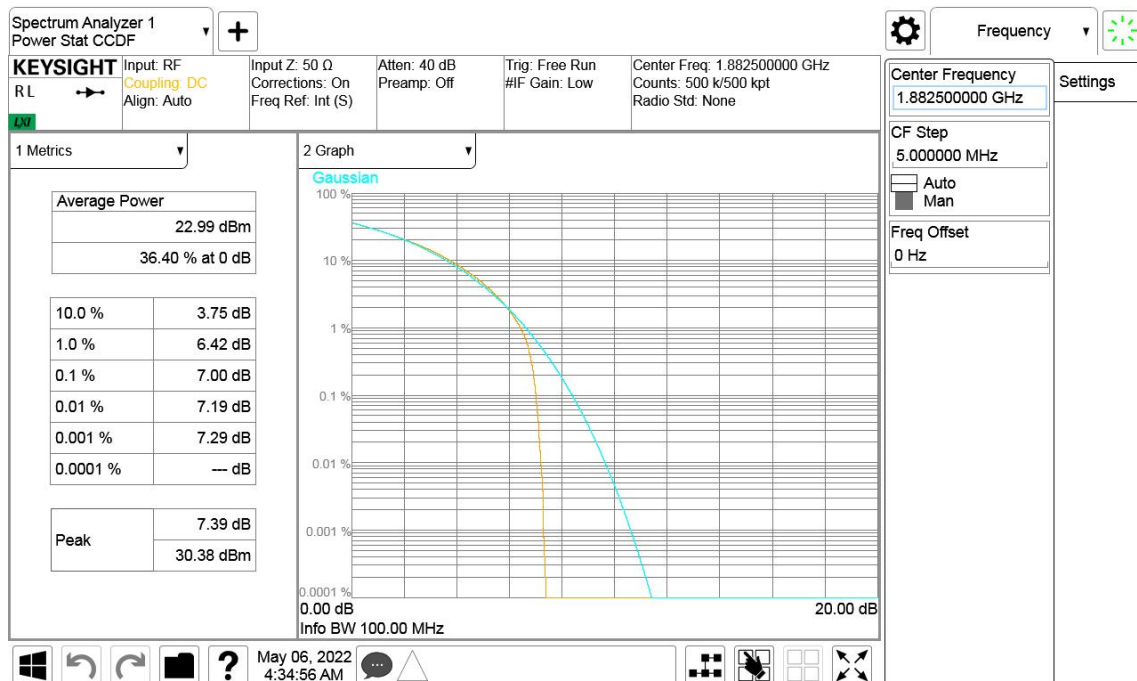
20.00 dB

May 06, 2022
4:33:42 AM

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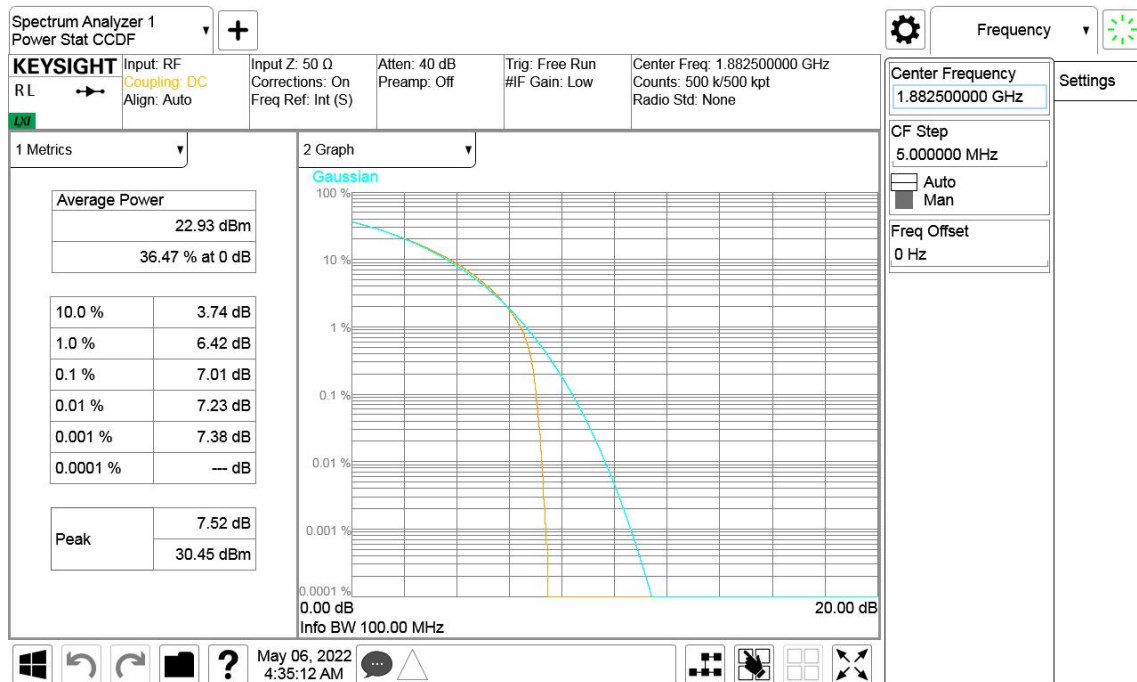
Band N25 , 20MHz Bandwidth,DFT-s-pi/2 BPSK



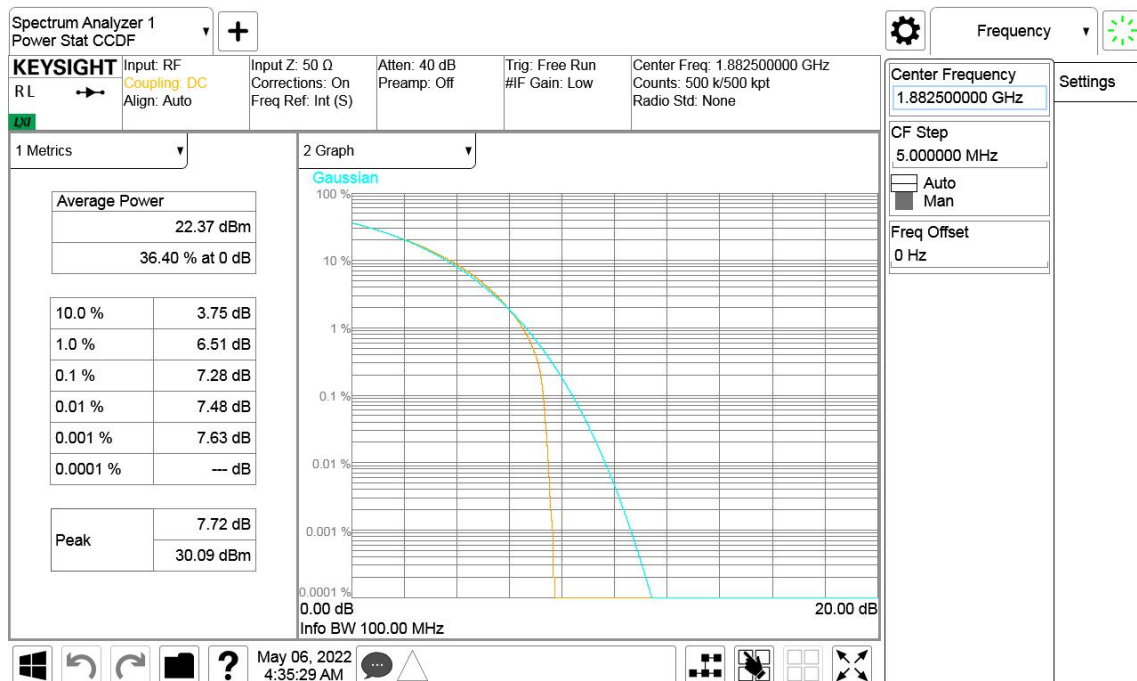
Band N25 , 20MHz Bandwidth,DFT-s-pi/2 BPSK

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Band N25 , 20MHz Bandwidth,DFT-s-pi/2 BPSK



Band N25 , 20MHz Bandwidth,DFT-s-pi/2 BPSK

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Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT
RL → Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: On
Freq Ref: Int (S)

Atten: 40 dB
Preamp: Off

Trig: Free Run
#F Gain: Low

Center Freq: 1.882500000 GHz
Counts: 500 k/500 kpt
Radio Std: None

Center Frequency
1.882500000 GHz

Settings

CF Step
5.000000 MHz

Auto
Man

Freq Offset
0 Hz

1 Metrics

Average Power

23.39 dBm

36.40 % at 0 dB

10.0 % 3.74 dB
1.0 % 6.43 dB
0.1 % 7.09 dB
0.01 % 7.29 dB
0.001 % 7.41 dB
0.0001 % — dB

Peak

7.46 dB
29.85 dBm

2 Graph

Gaussian

0.00 dB
Info BW 100.00 MHz

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

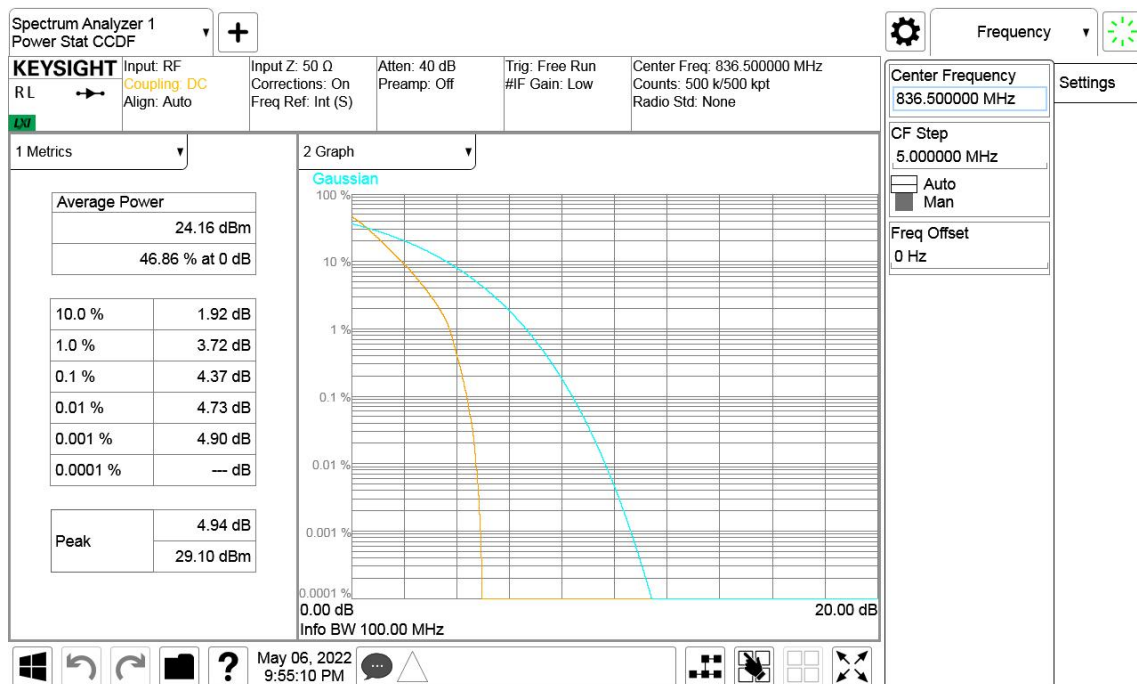
20.00 dB

May 06, 2022
4:35:45 AM

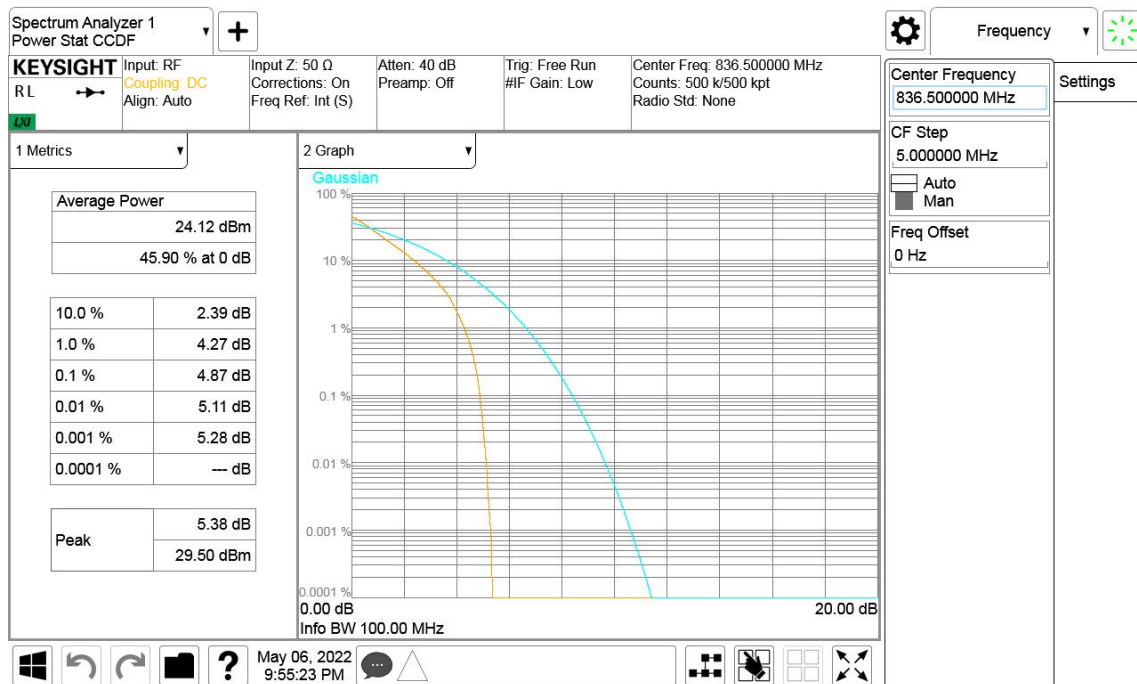
Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QA M	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
836.5	4.37	4.87	5.81	6.25	6.24	7.07	6.94	7.35	7.36

Chongqing Academy of Information and Communication Technology

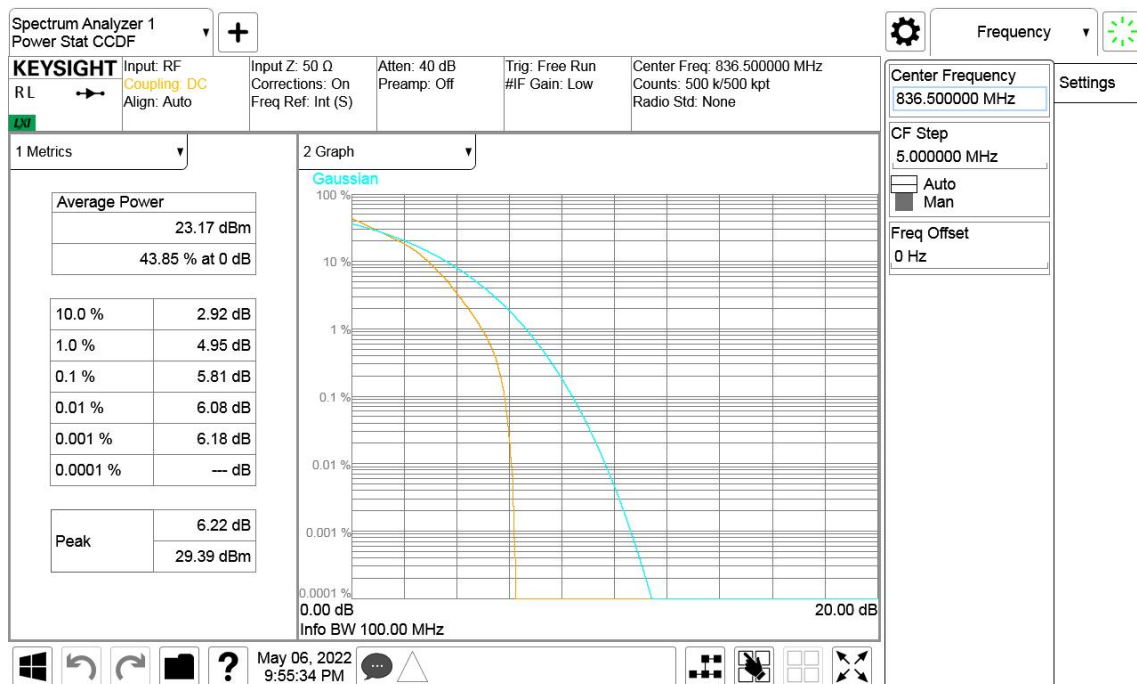
Page 1118 of 1176



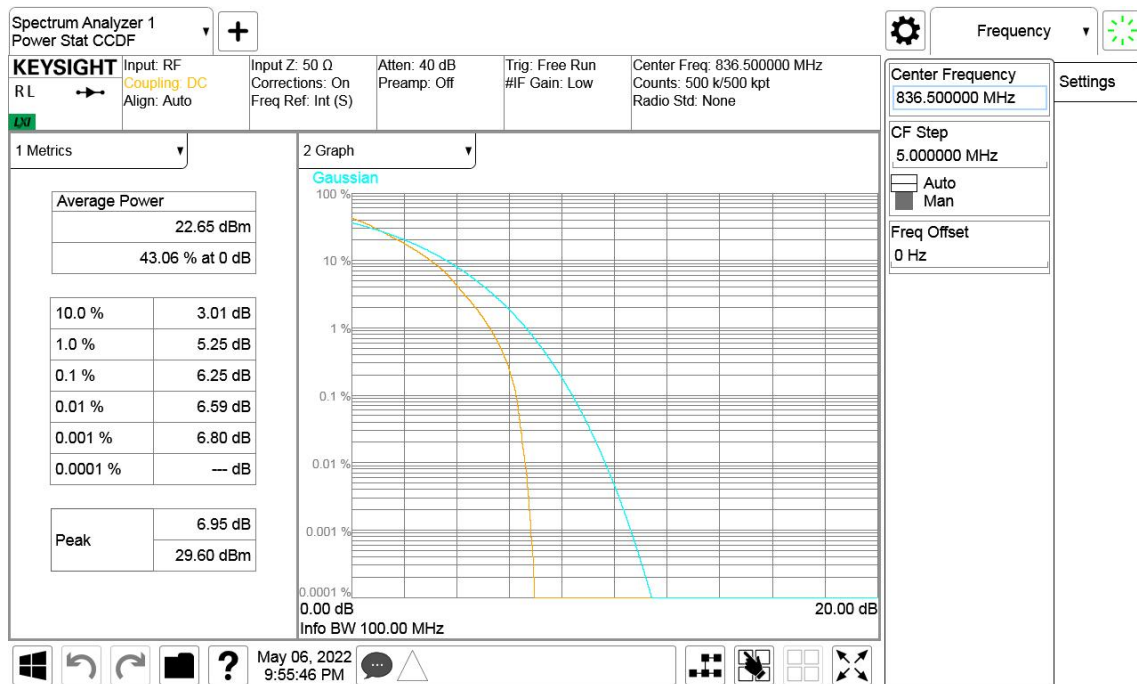
Band N26PART22 , 20MHz Bandwidth,DFT-s-QPSK



Band N26PART22 , 20MHz Bandwidth,DFT-s-16QAM



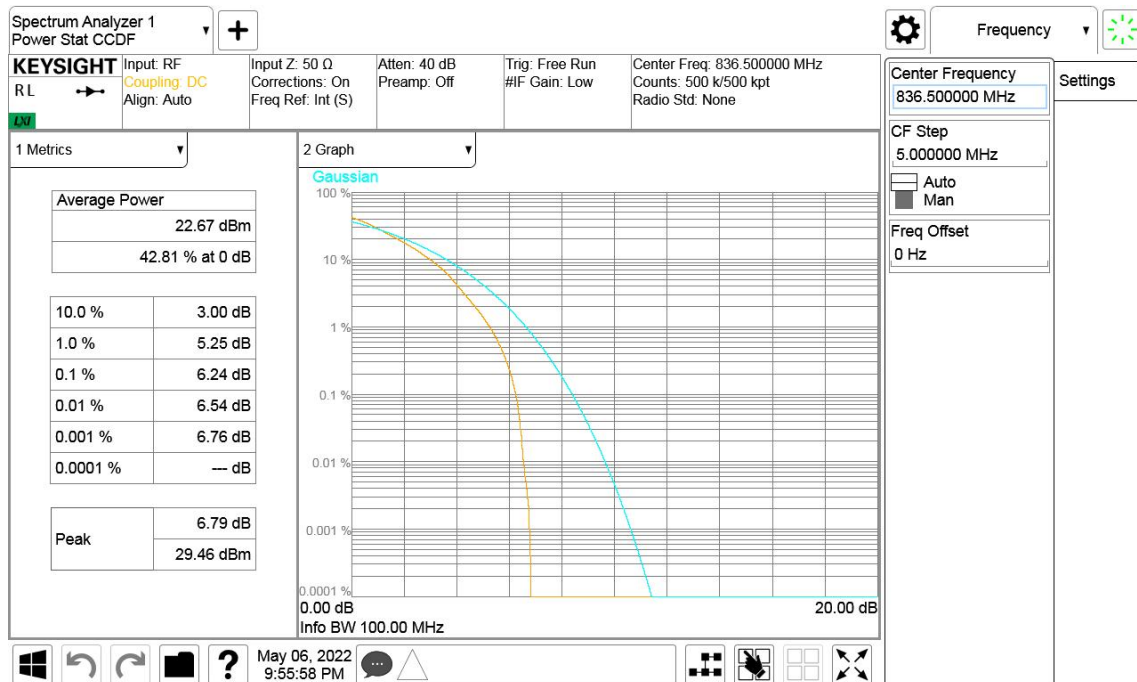
Band N26PART22 , 20MHz Bandwidth,DFT-s-64QAM



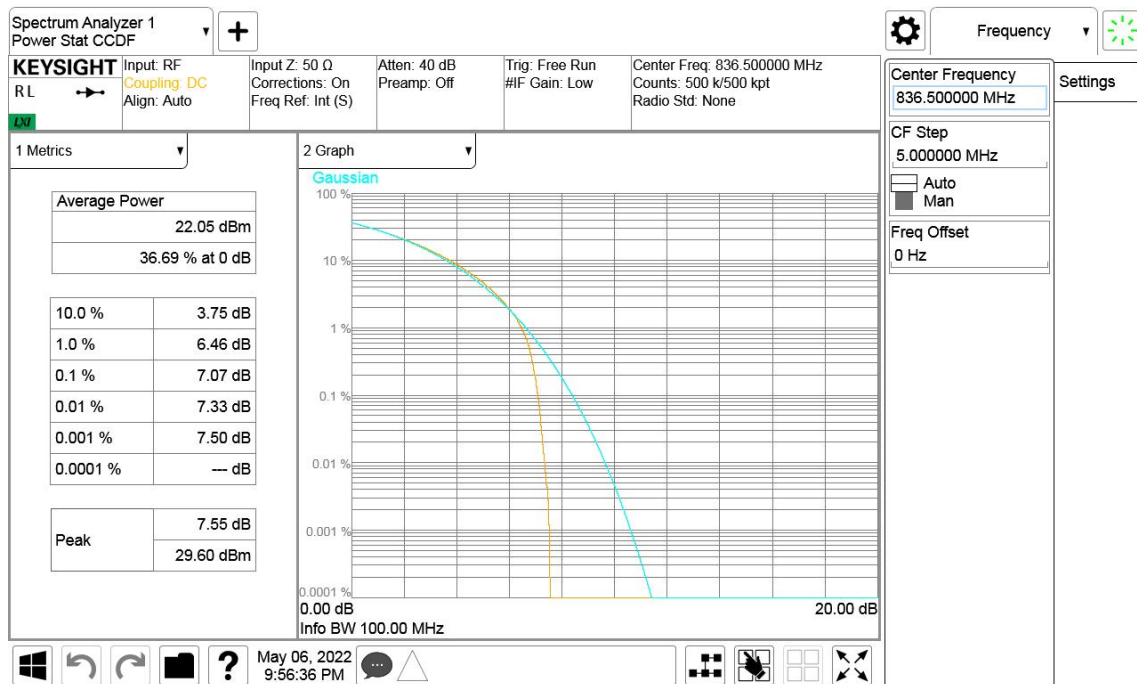
Band N26PART22 , 20MHz Bandwidth,DFT-s-256QAM

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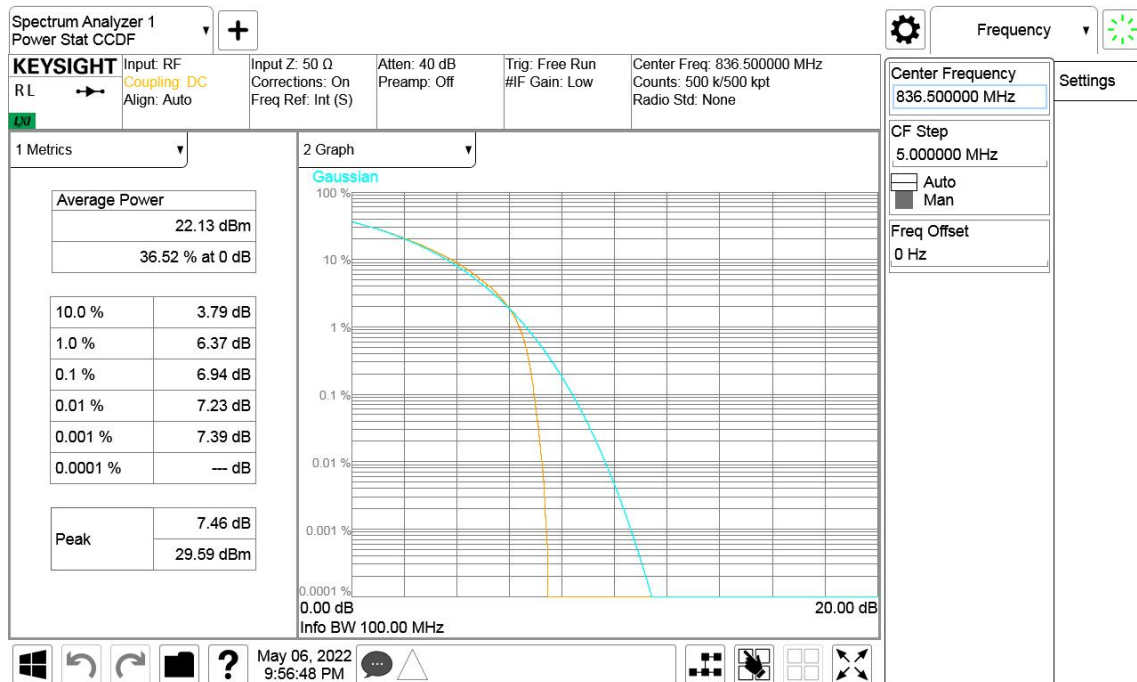
Band N26PART22 , 20MHz Bandwidth,CP-QPSK



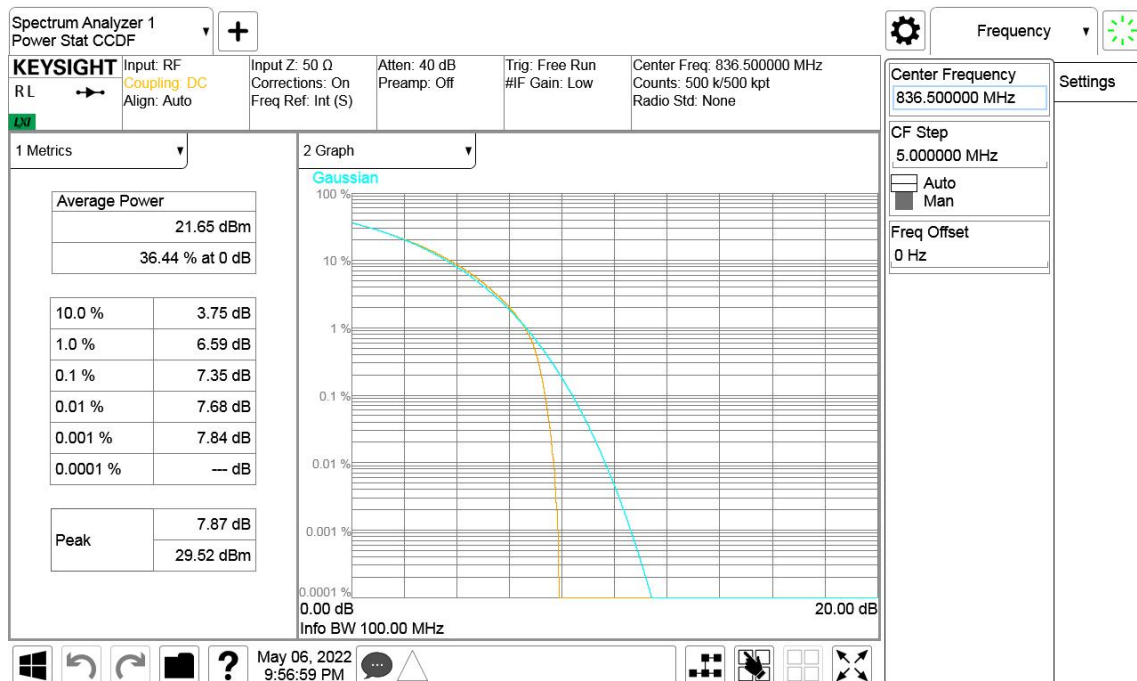
Band N26PART22 , 20MHz Bandwidth,CP-16QAM

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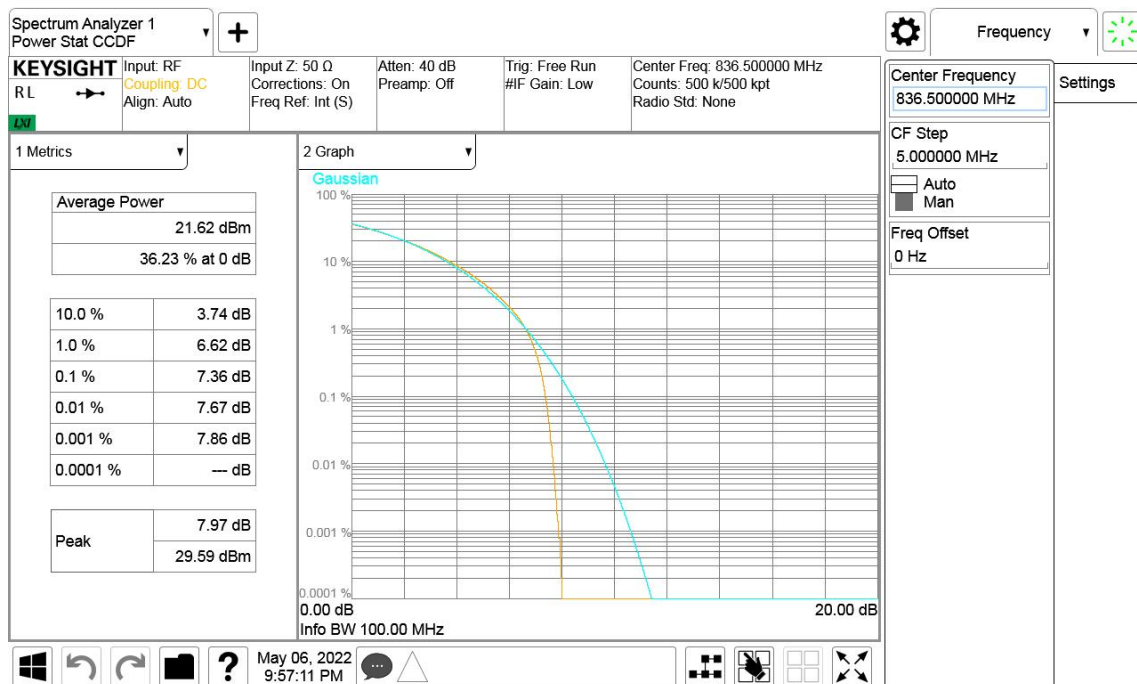
Band N26PART22 , 20MHz Bandwidth,CP-64QAM



Band N26PART22 , 20MHz Bandwidth,CP-256QAM

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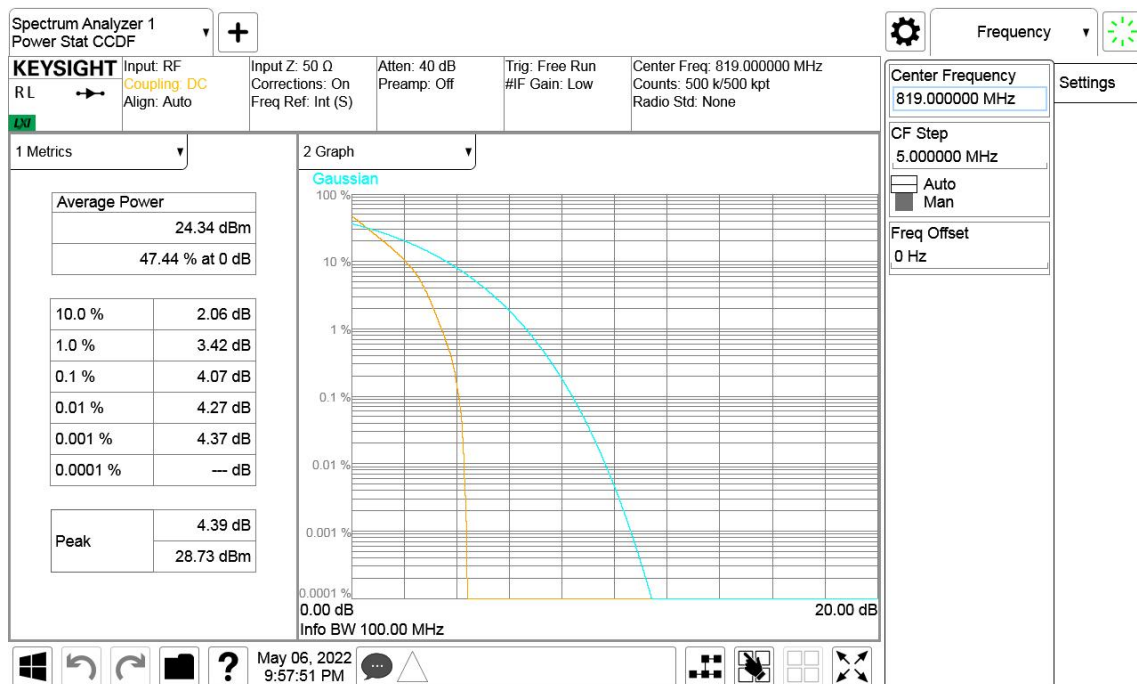
n26PART90,10MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QA M	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
819	4.07	5.03	6.07	6.51	6.47	7.26	7.18	7.61	7.60

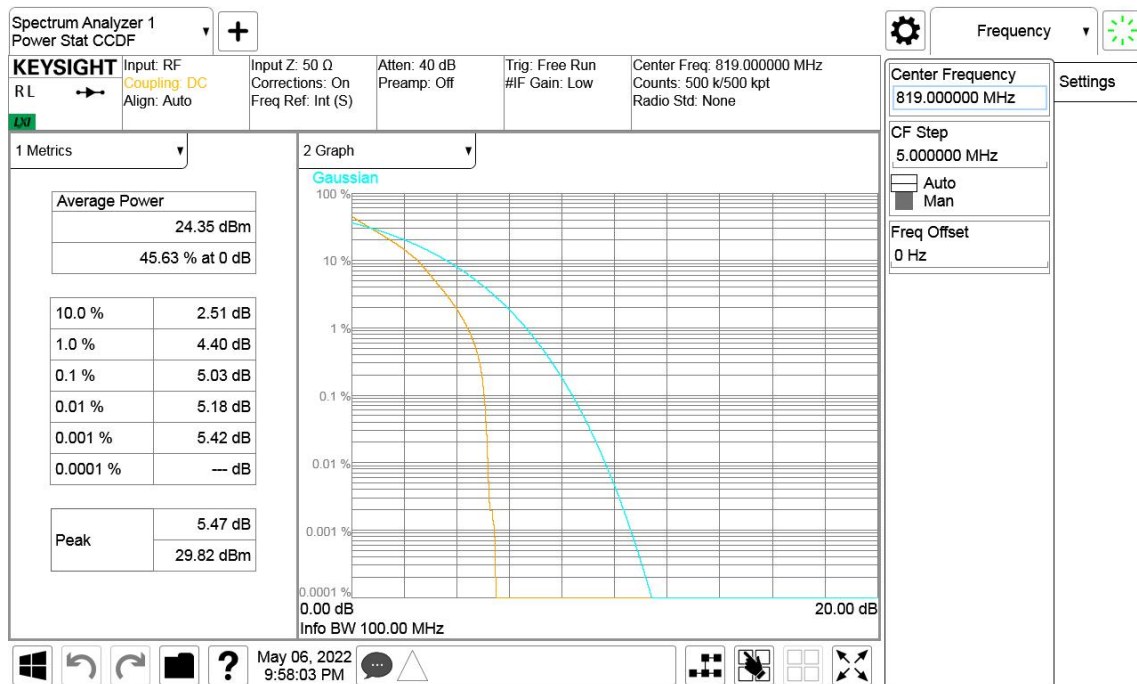
Band N26PART90 , 10MHz Bandwidth,DFT-s-pi/2 BPSK

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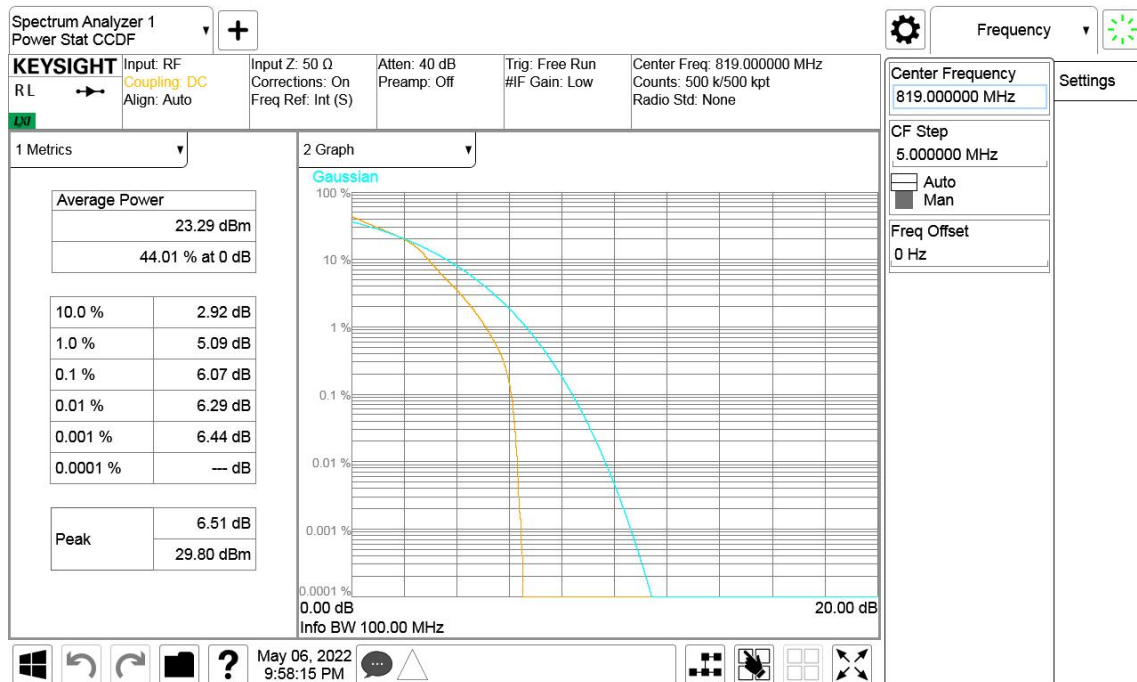
Band N26PART90 , 10MHz Bandwidth,DFT-s-QPSK



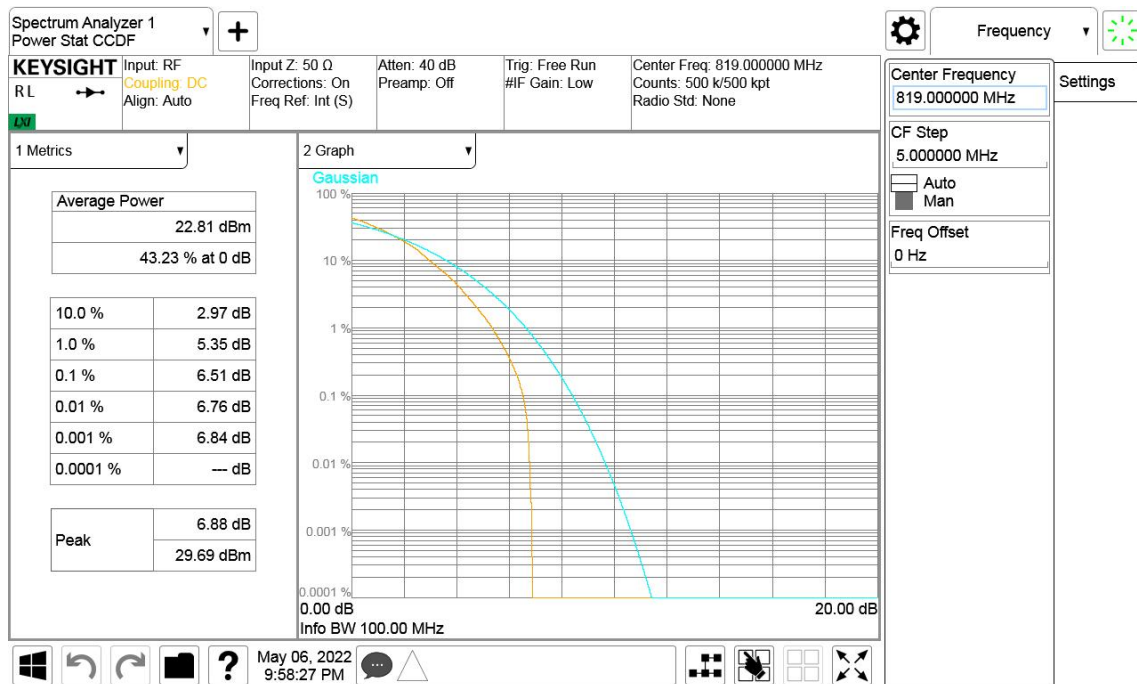
Band N26PART90 , 10MHz Bandwidth,DFT-s-16QAM

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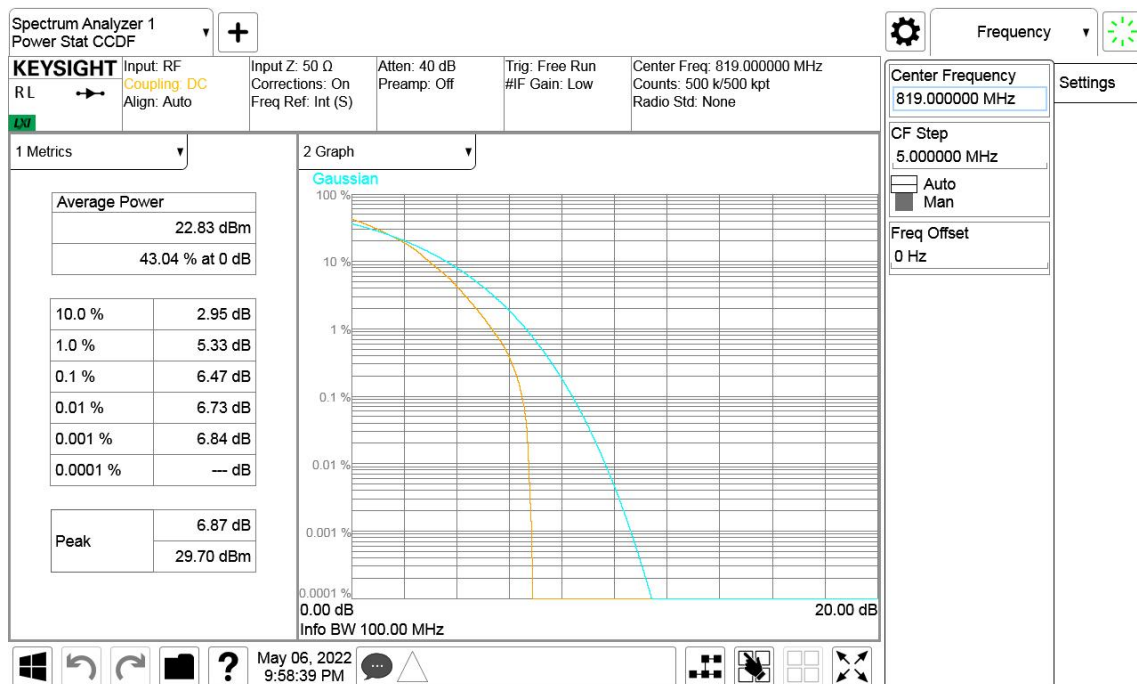
Band N26PART90 , 10MHz Bandwidth,DFT-s-64QAM



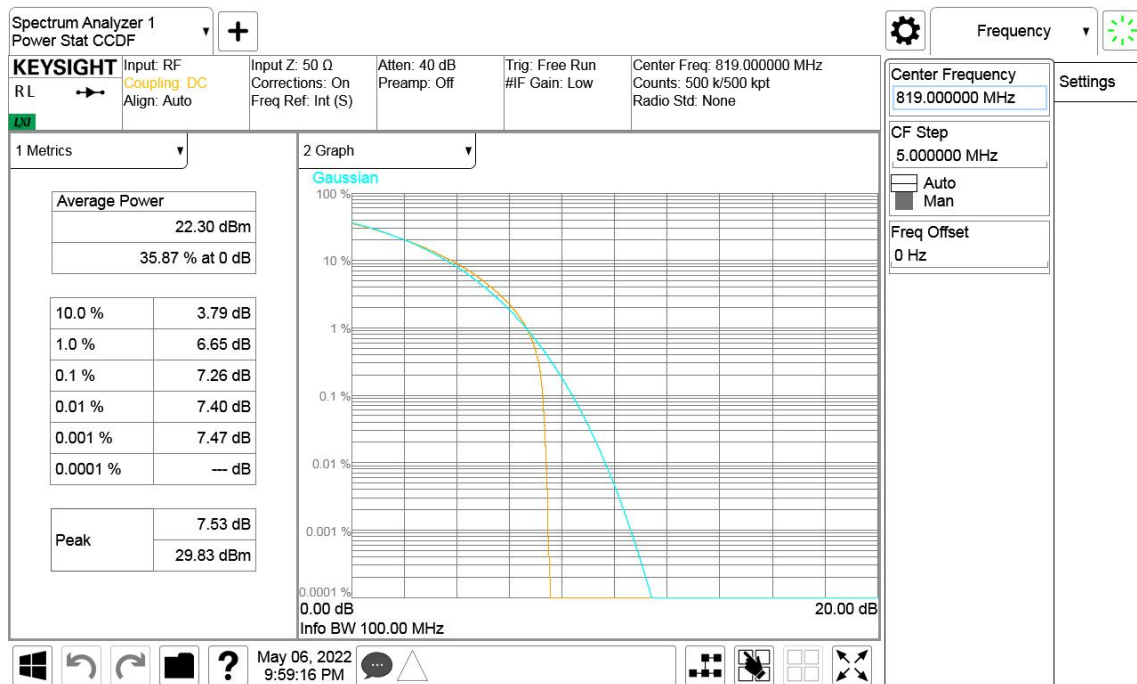
Band N26PART90 , 10MHz Bandwidth,DFT-s-256QAM

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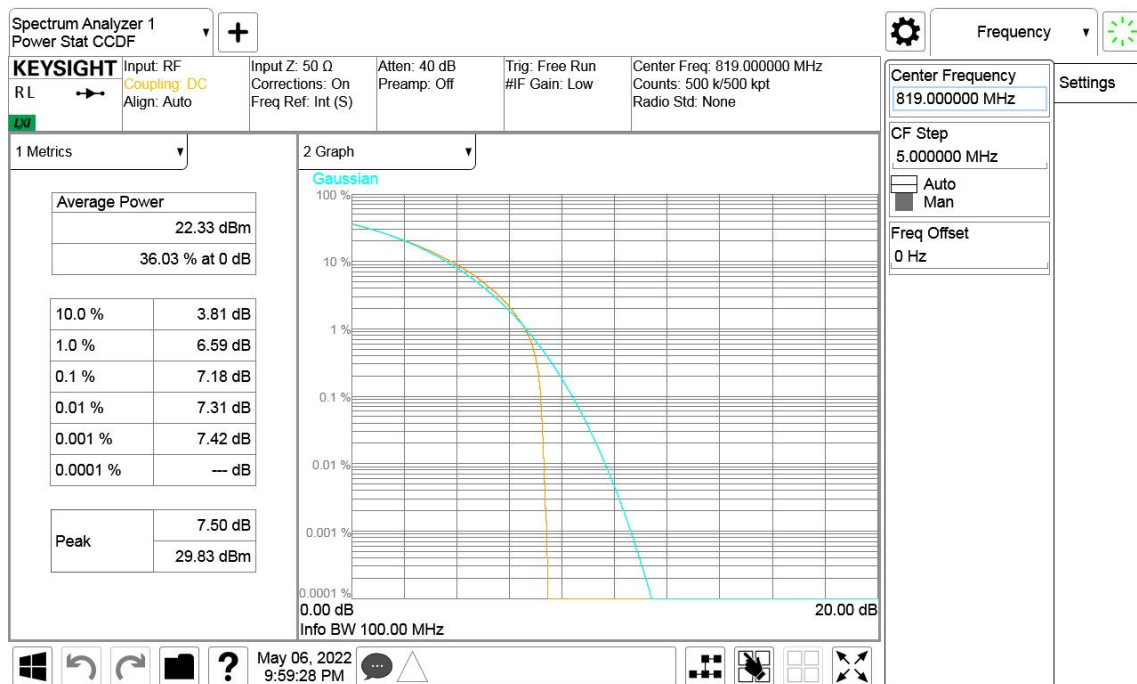
Band N26PART90 , 10MHz Bandwidth,CP-QPSK



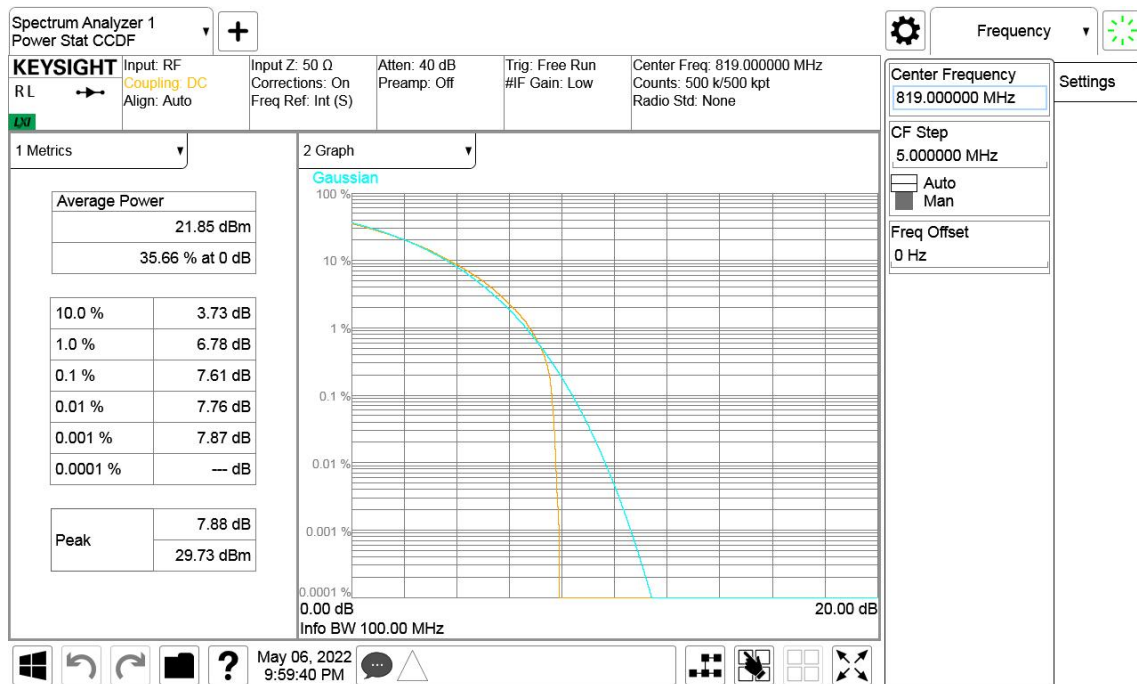
Band N26PART90 , 10MHz Bandwidth,CP-16QAM

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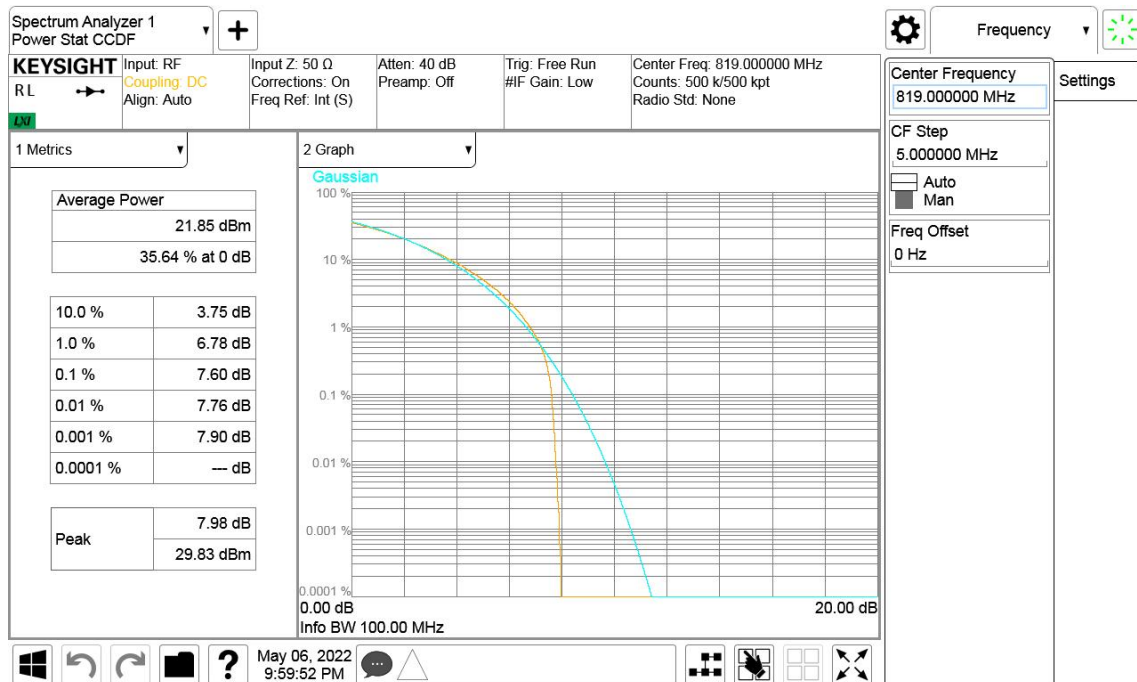
Band N26PART90 , 10MHz Bandwidth,CP-64QAM



Band N26PART90 , 10MHz Bandwidth,CP-256QAM

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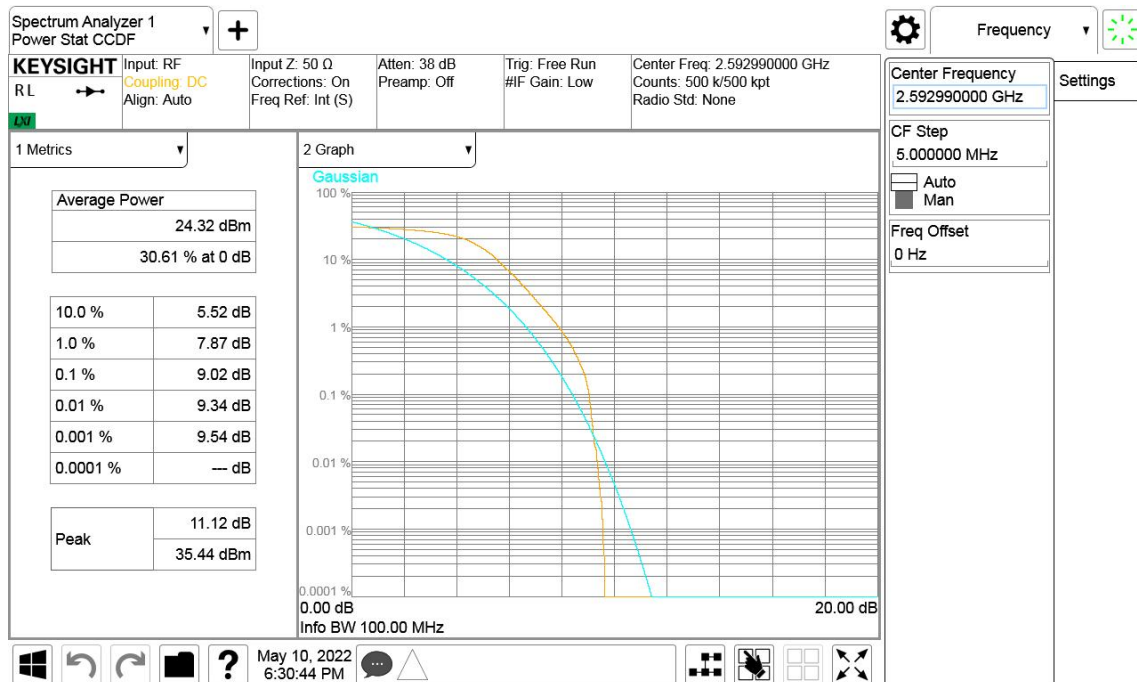
n41,100MHz

Frequency (MHz)	PAPR (dB)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QA M	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
2592.99	9.02	10.11	12.87	8.76	9.90	11.86	11.79	11.01	12.83

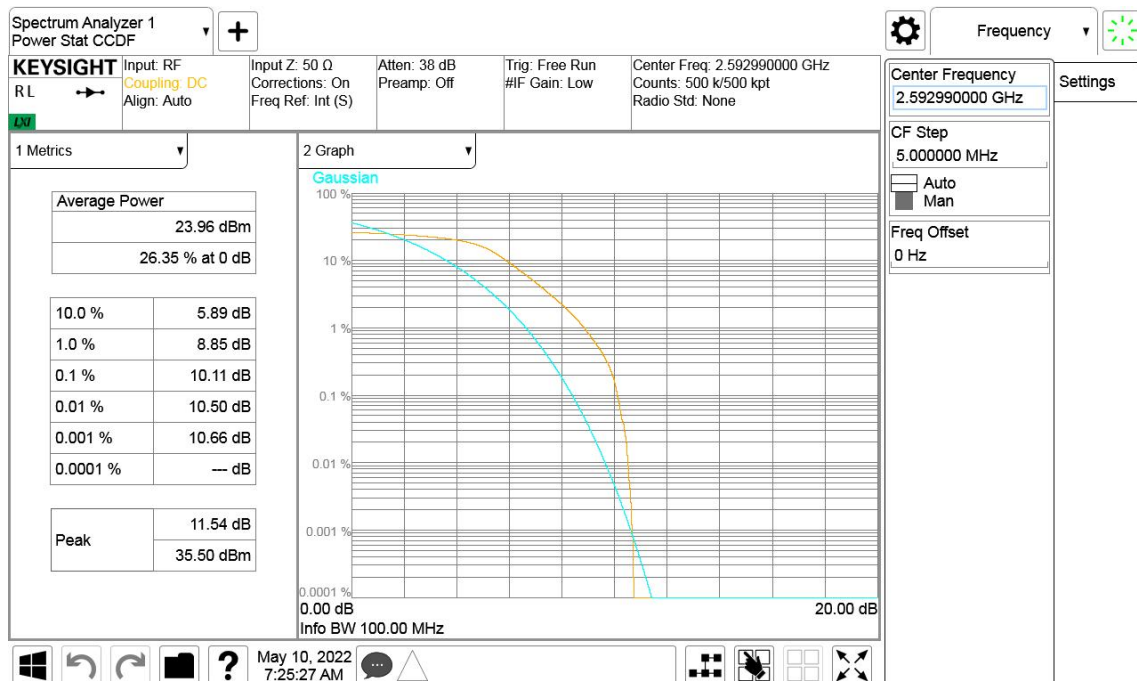
Band N41 , 100MHz Bandwidth,DFT-s-pi/2 BPSK

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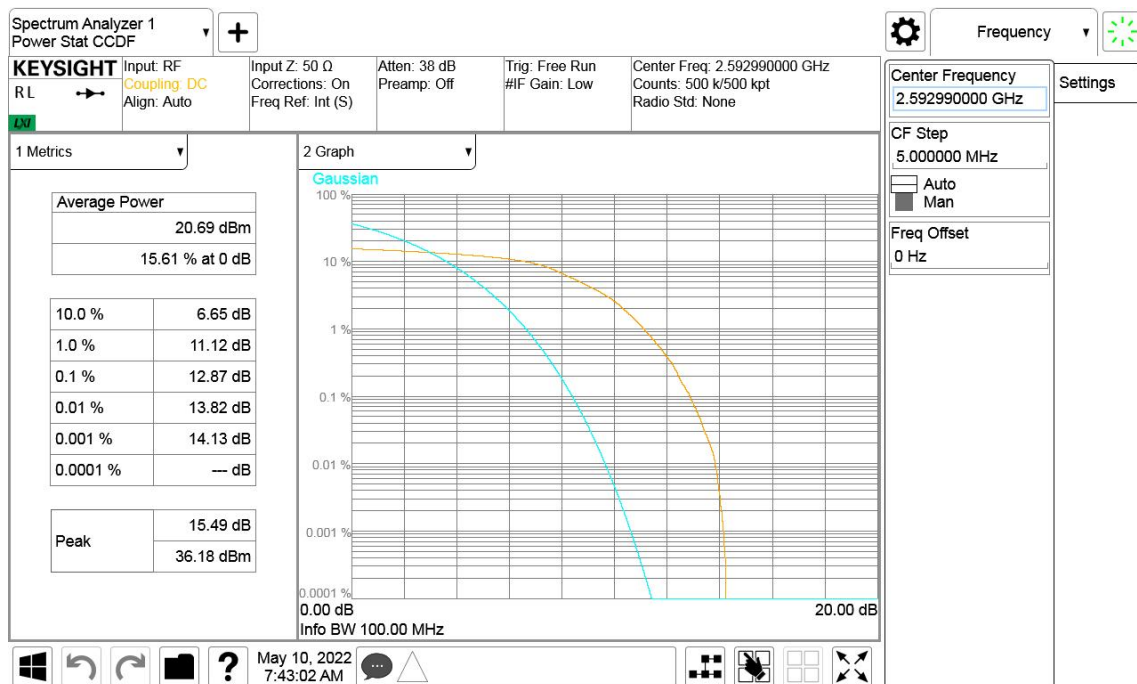
Band N41 , 100MHz Bandwidth,DFT-s-pi/2 BPSK



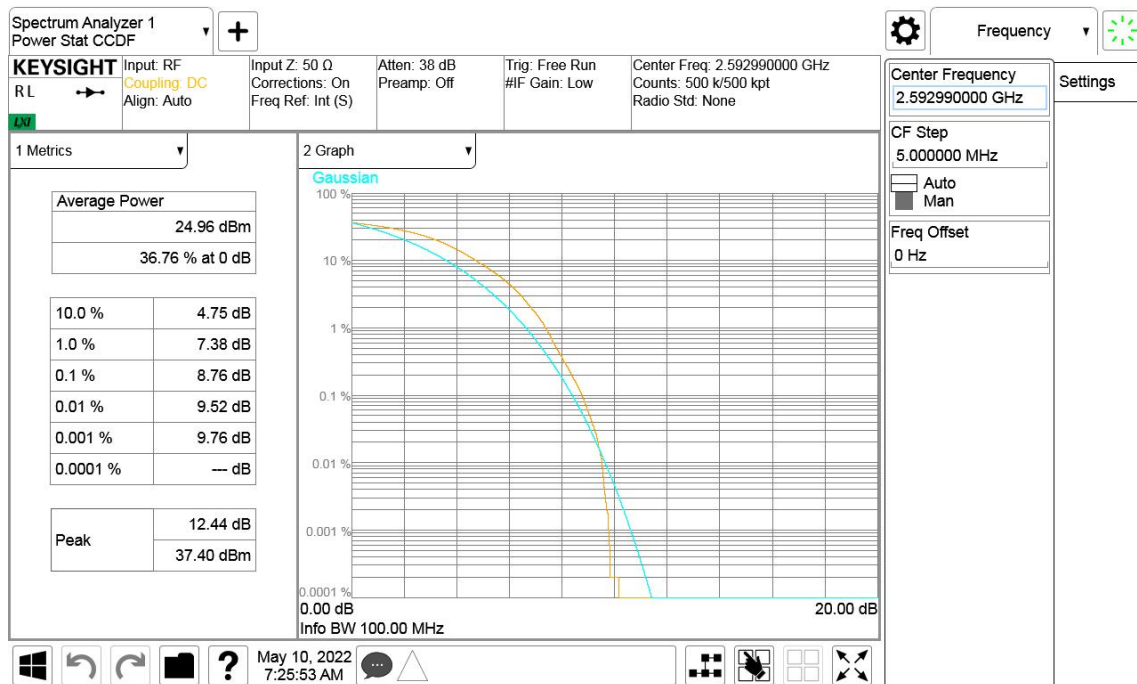
Band N41 , 100MHz Bandwidth,DFT-s-pi/2 BPSK

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Band N41 , 100MHz Bandwidth,DFT-s-pi/2 BPSK



Band N41 , 100MHz Bandwidth,DFT-s-pi/2 BPSK

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