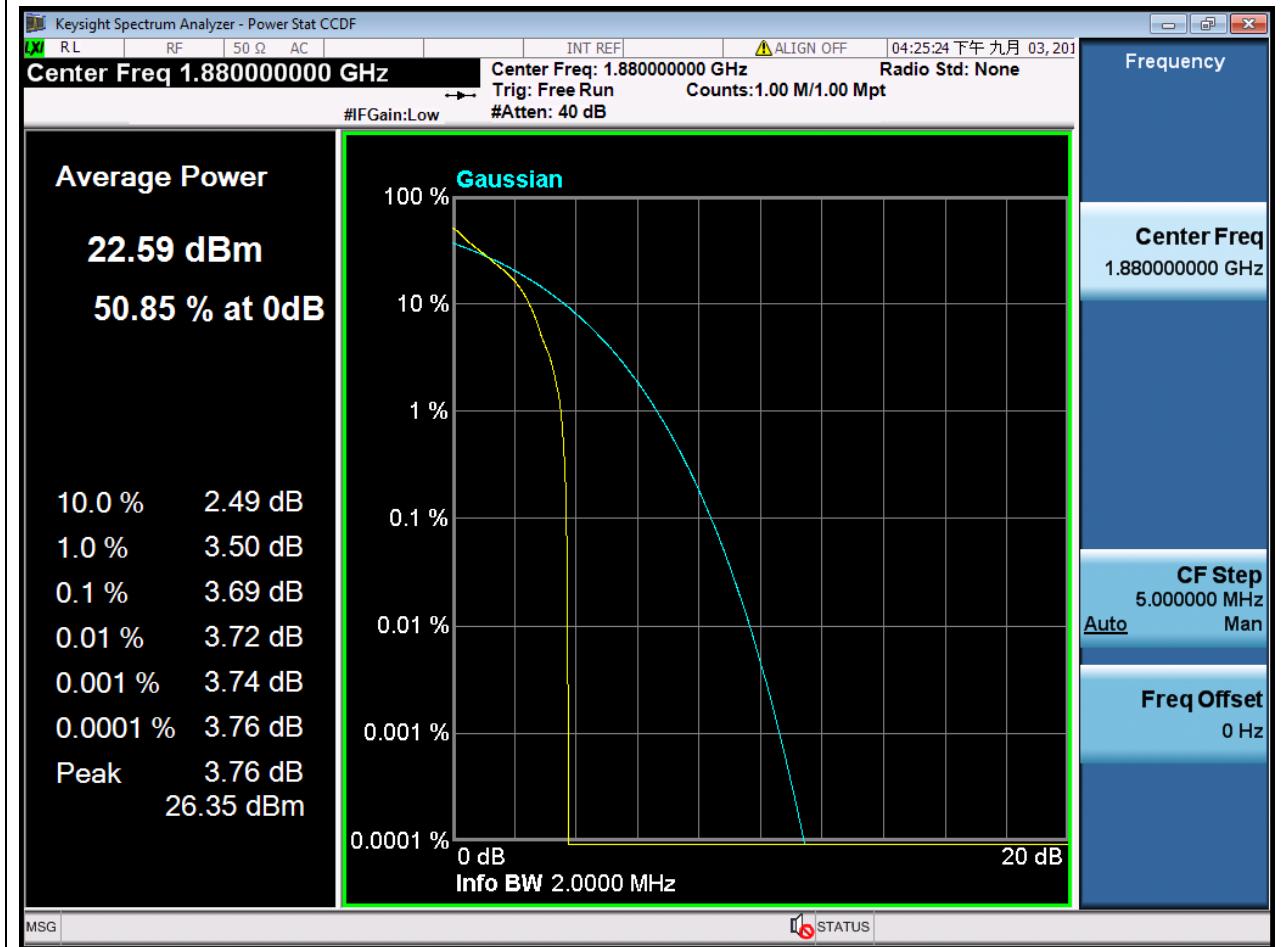


Annex B. LTE Peak to Average Ratio

1. LTE_Band2

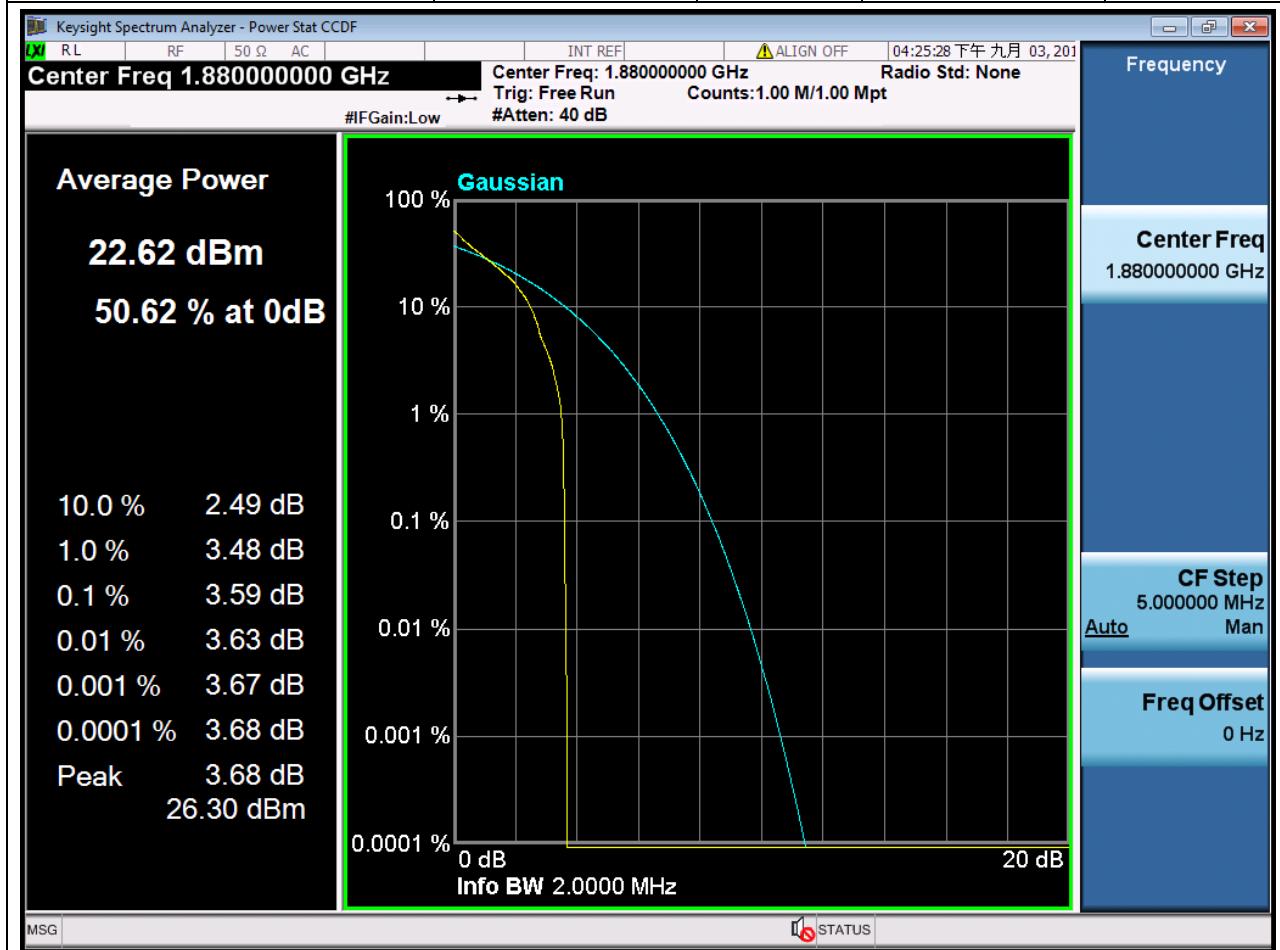
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.69	13	Pass



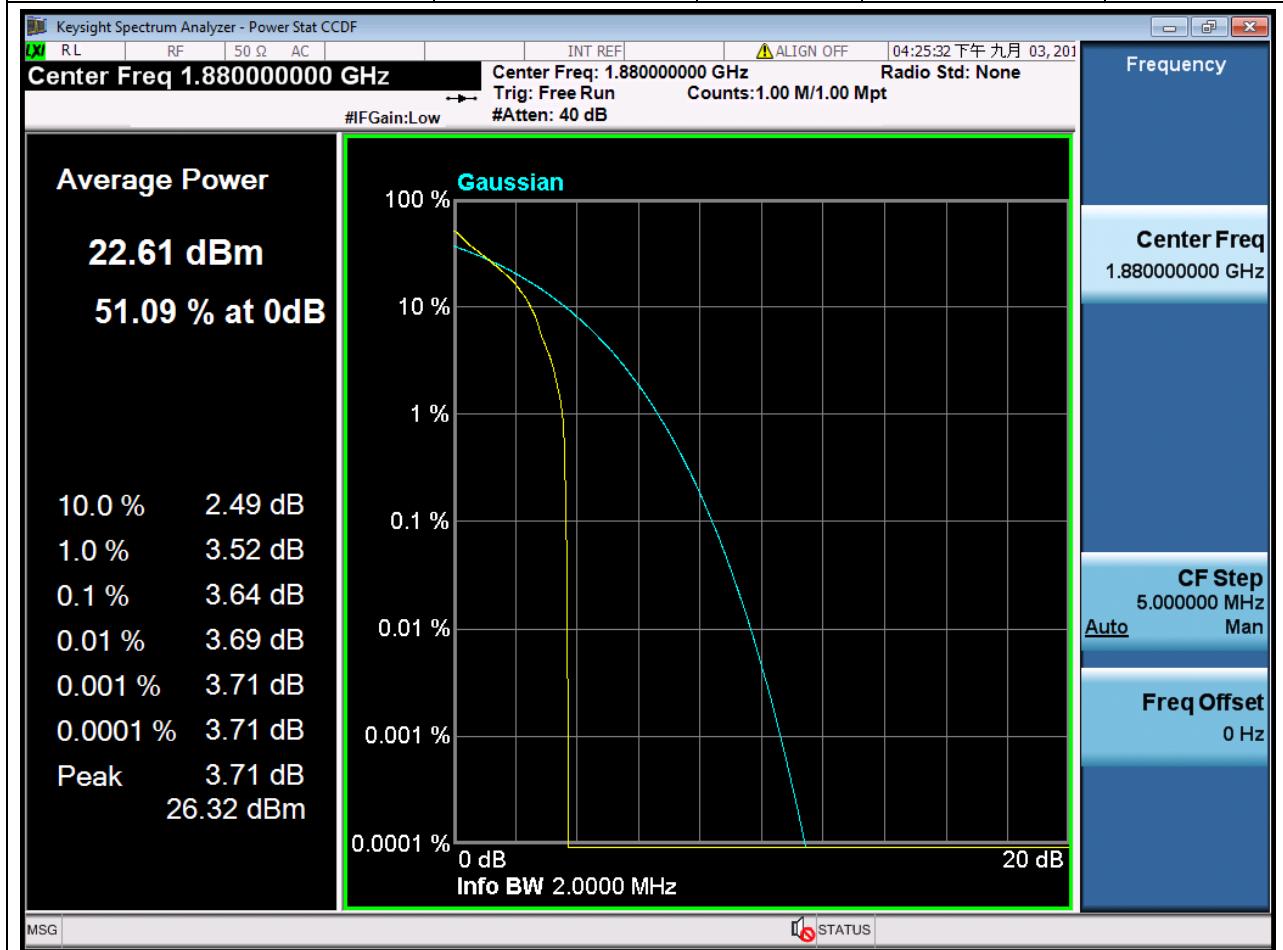
1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.59	13	Pass



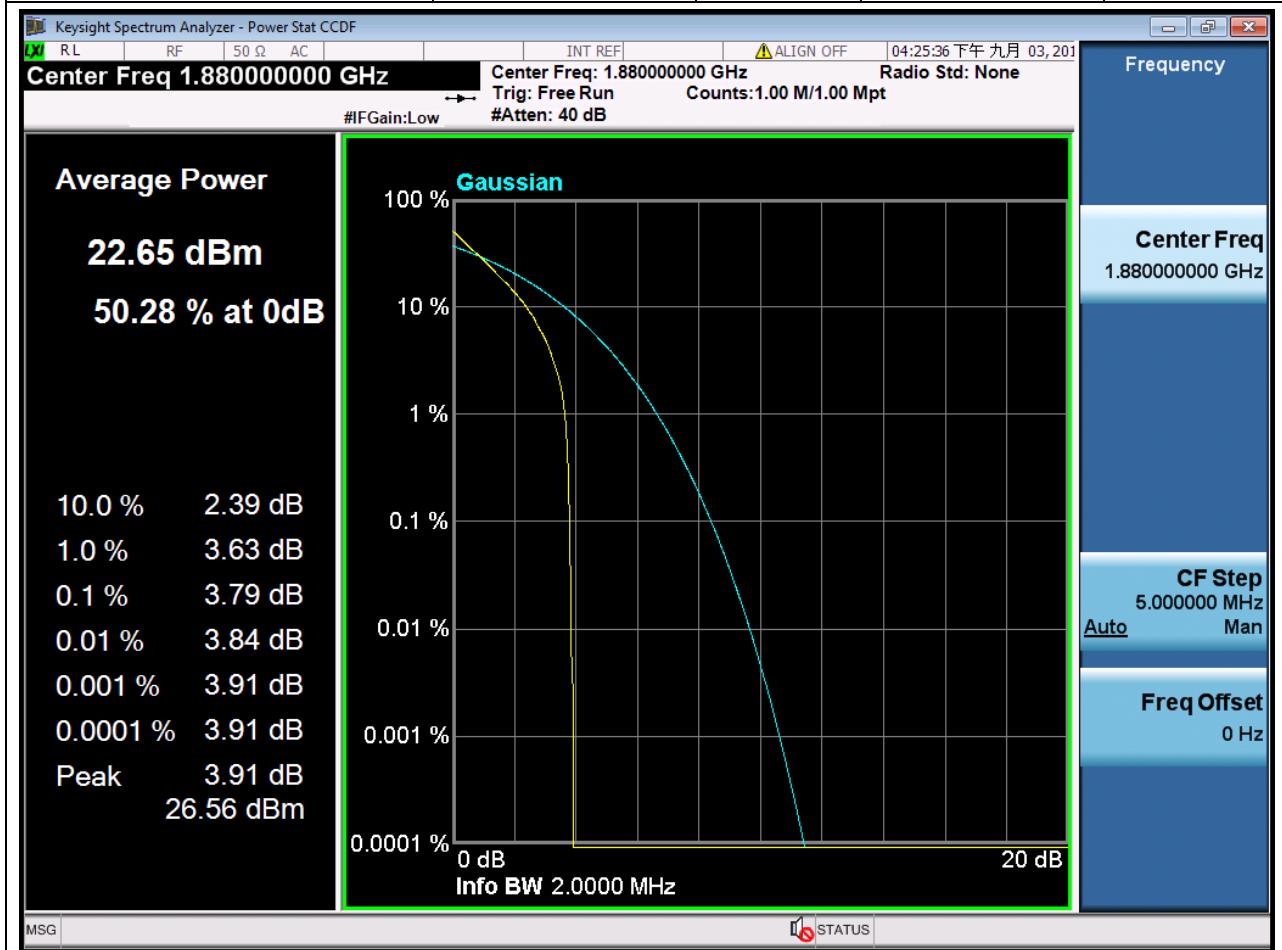
1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.64	13	Pass



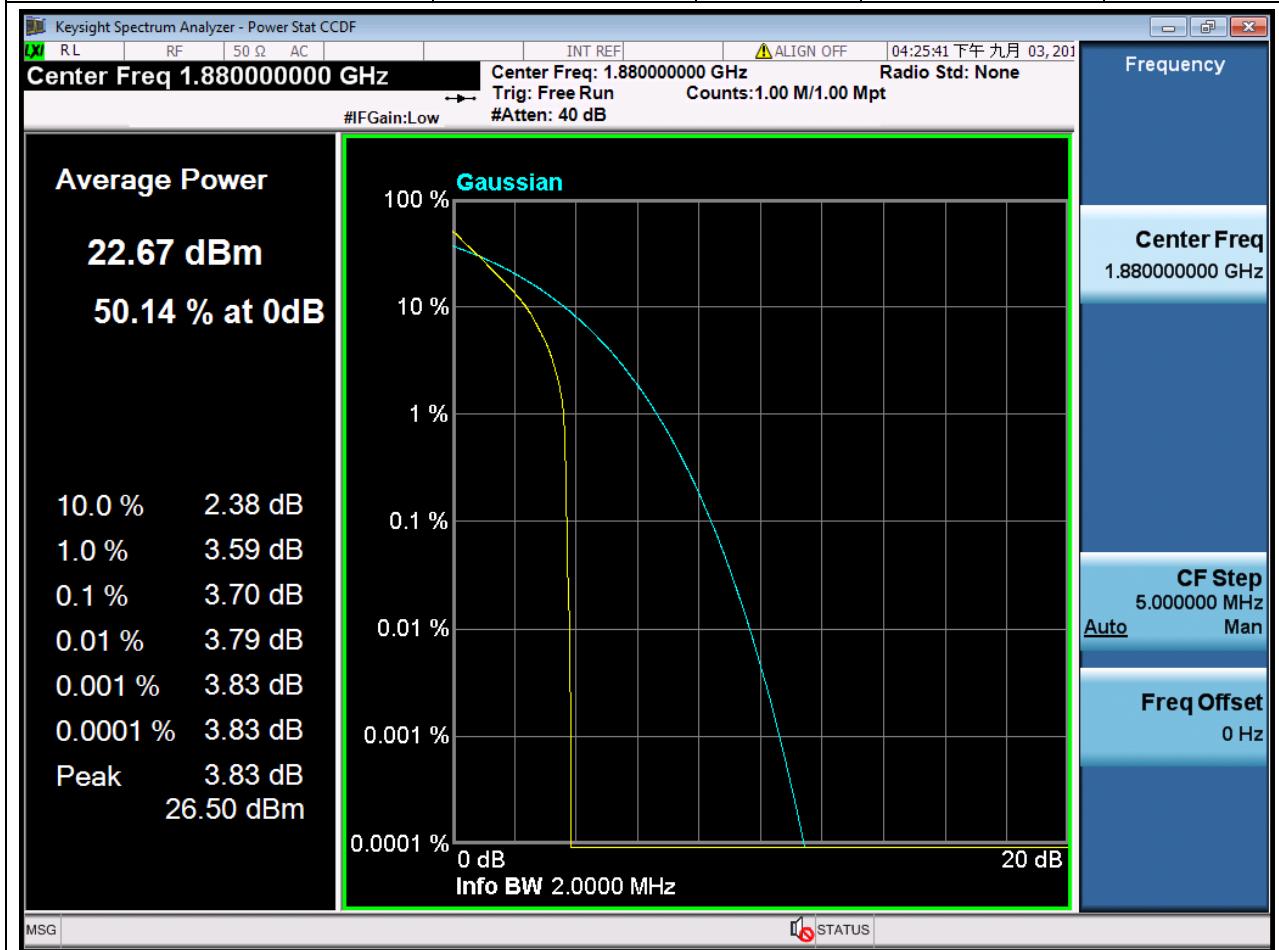
1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.79	13	Pass



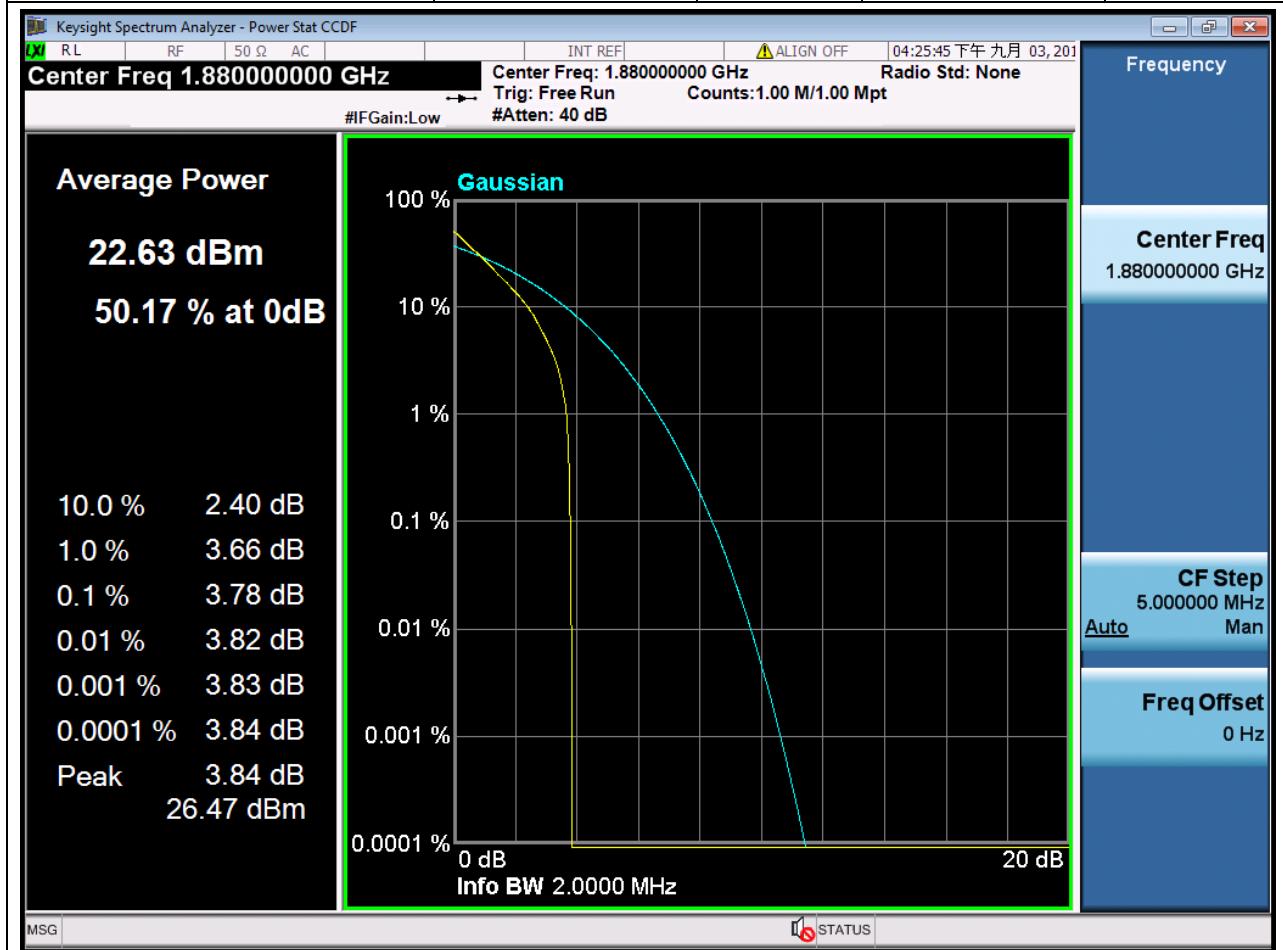
1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.7	13	Pass



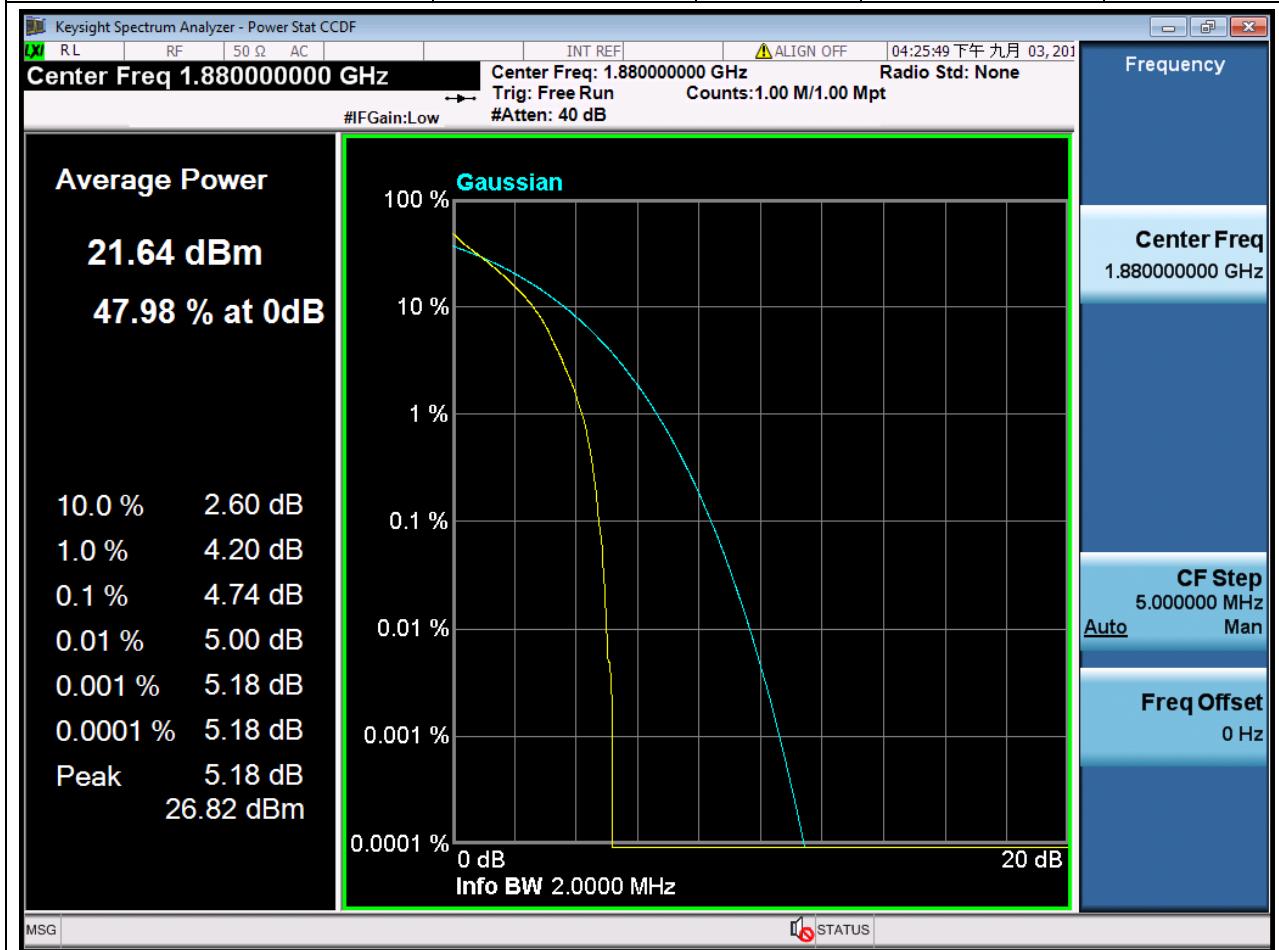
1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.78	13	Pass



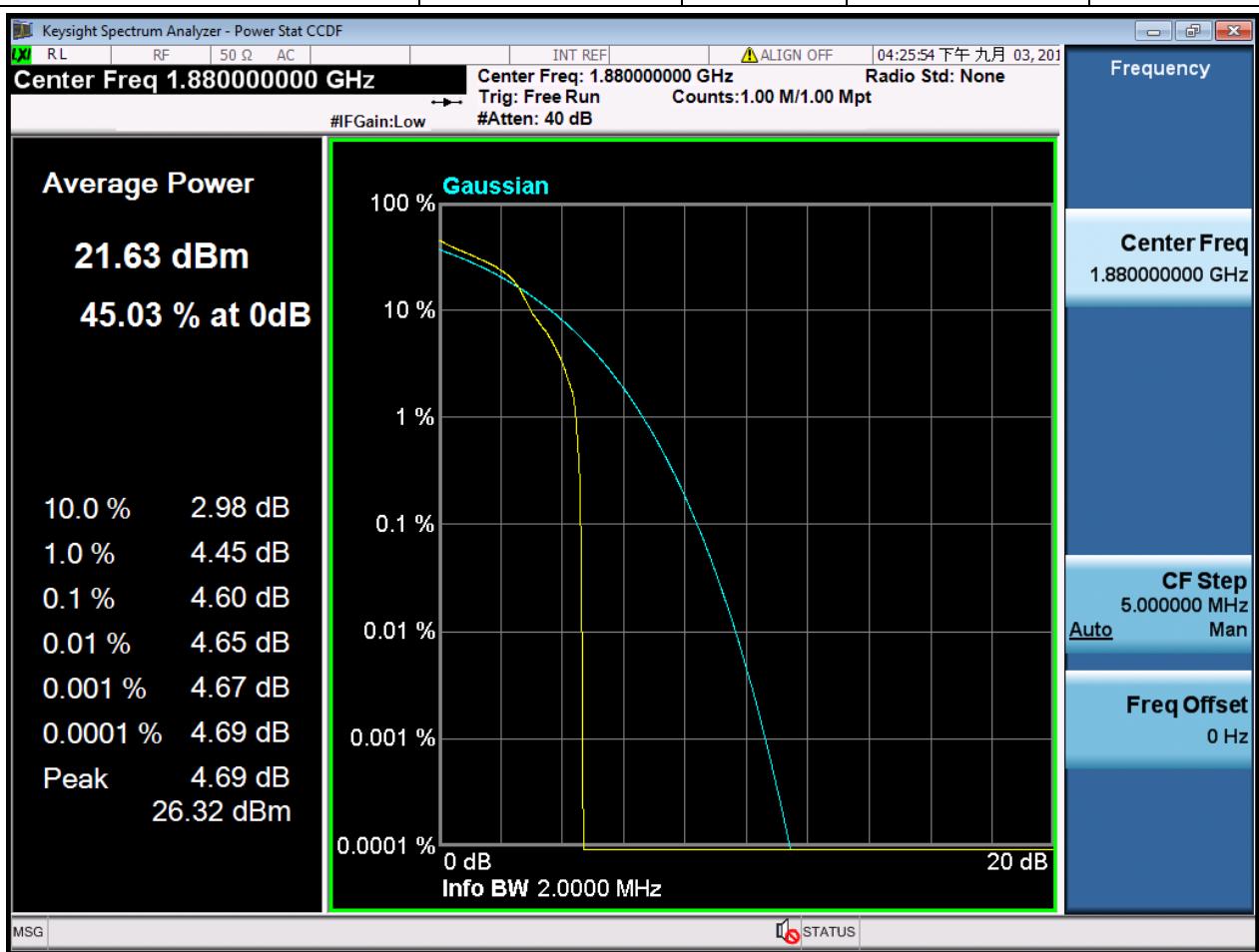
1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.74	13	Pass



1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.6	13	Pass



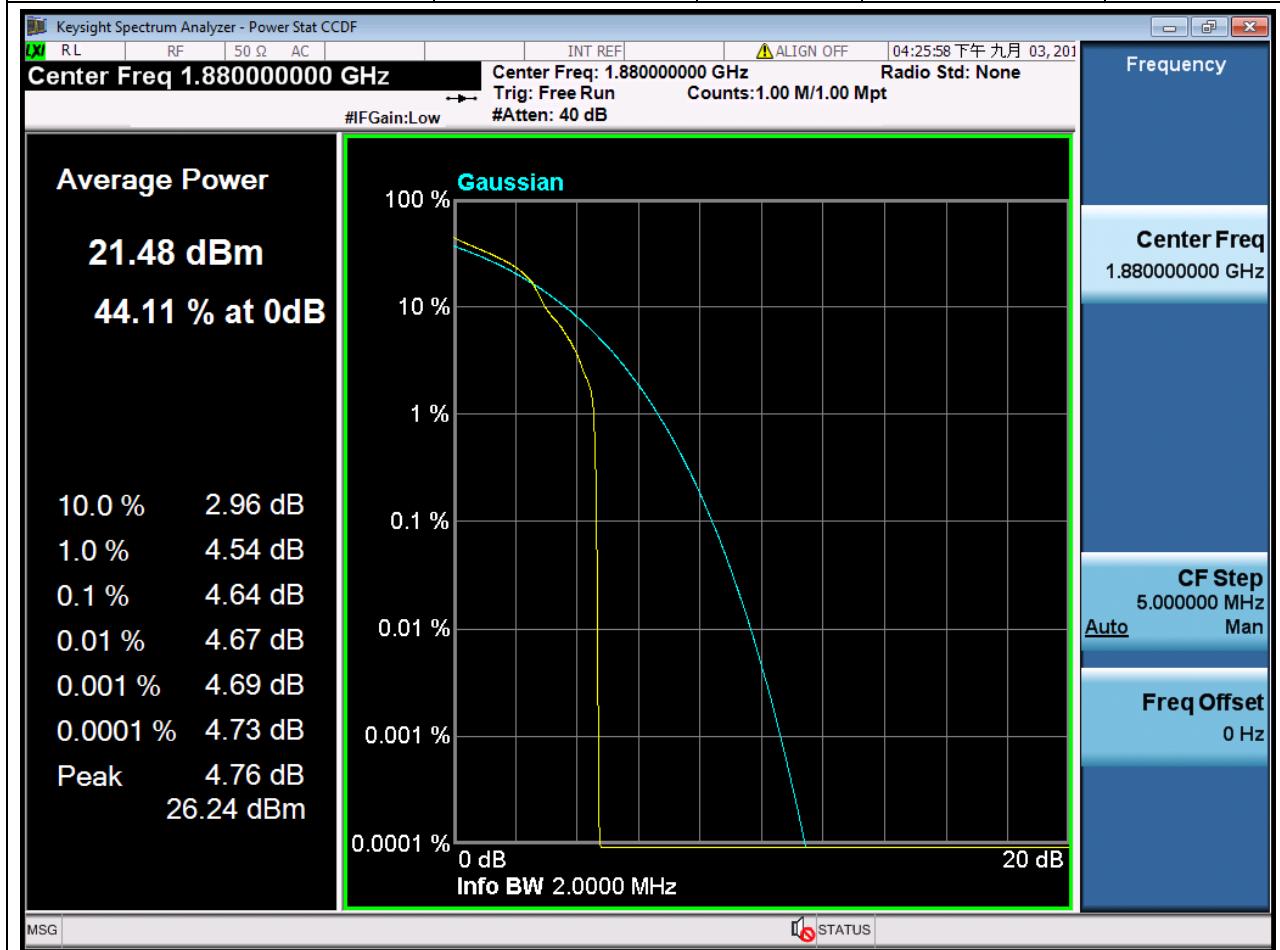
Average Power
21.63 dBm
45.03 % at 0dB

10.0 %	2.98 dB
1.0 %	4.45 dB
0.1 %	4.60 dB
0.01 %	4.65 dB
0.001 %	4.67 dB
0.0001 %	4.69 dB
Peak	4.69 dB
	26.32 dBm

Info BW 2.0000 MHz

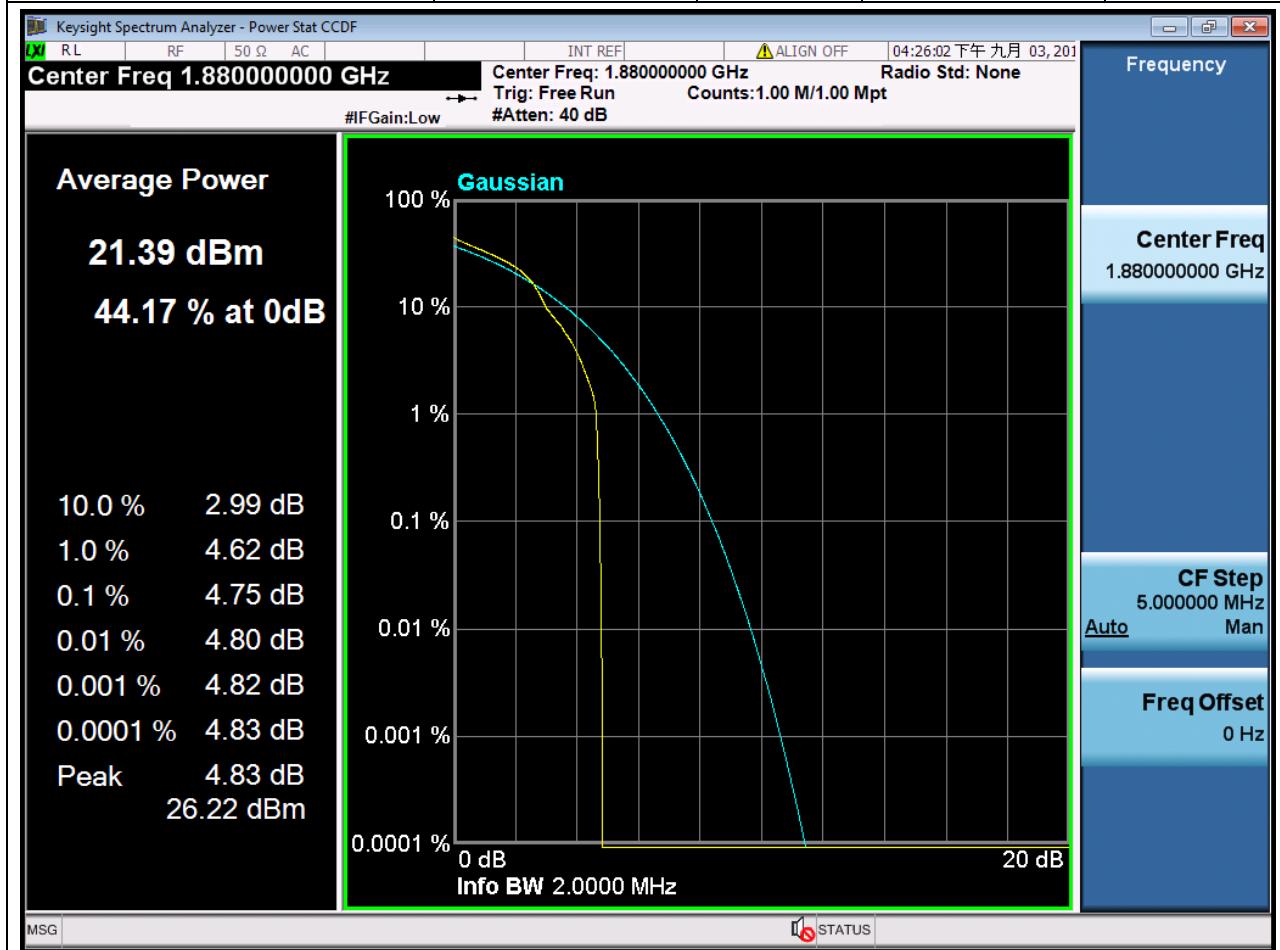
1.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.64	13	Pass



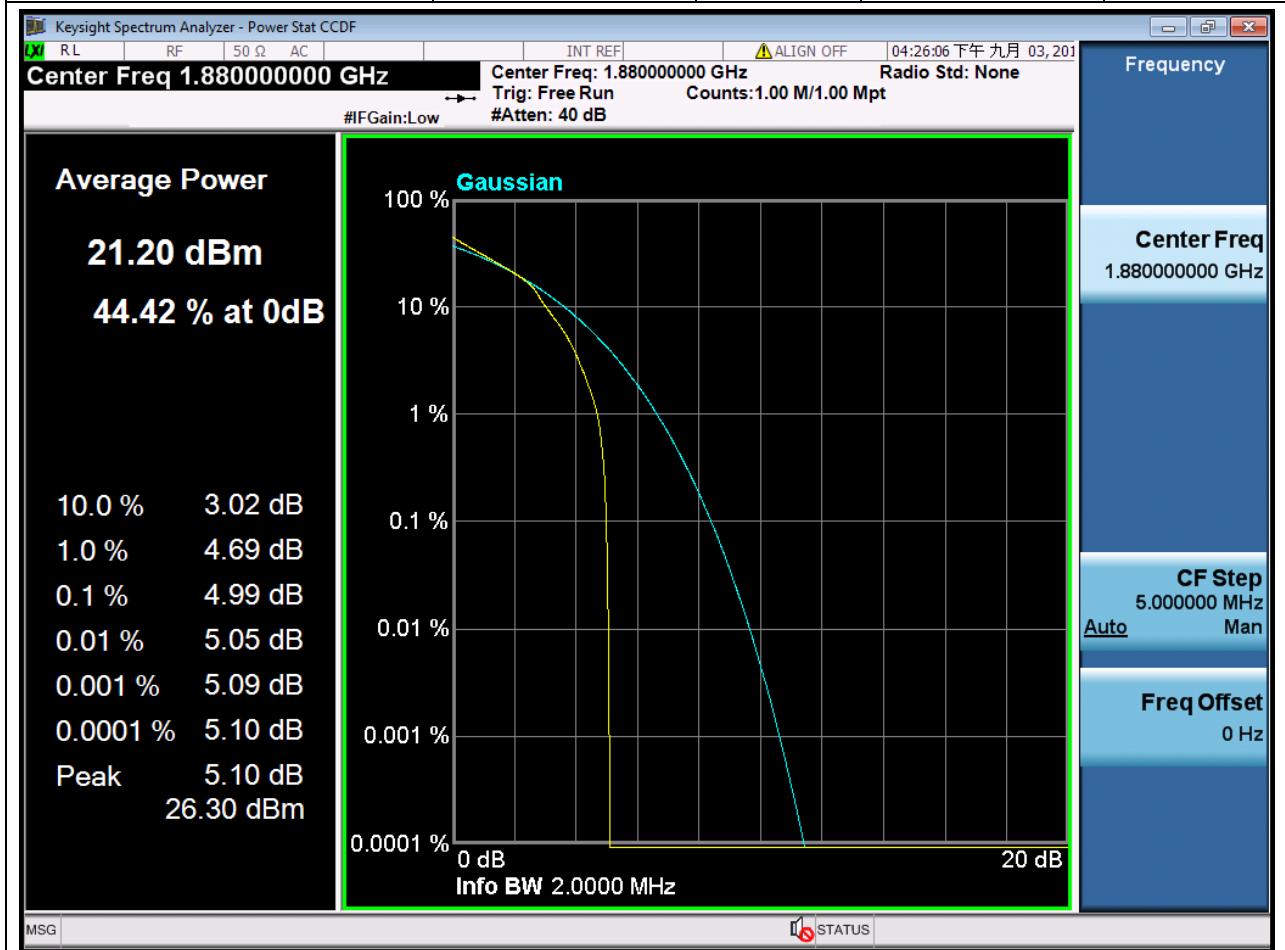
1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.75	13	Pass



1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.99	13	Pass



1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.84	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 04:26:11 下午 九月 03, 201

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.34 dBm
44.17 % at 0dB

10.0 % 3.02 dB
1.0 % 4.62 dB
0.1 % 4.84 dB
0.01 % 4.91 dB
0.001 % 4.94 dB
0.0001 % 4.95 dB
Peak 4.95 dB
26.29 dBm

Gaussian



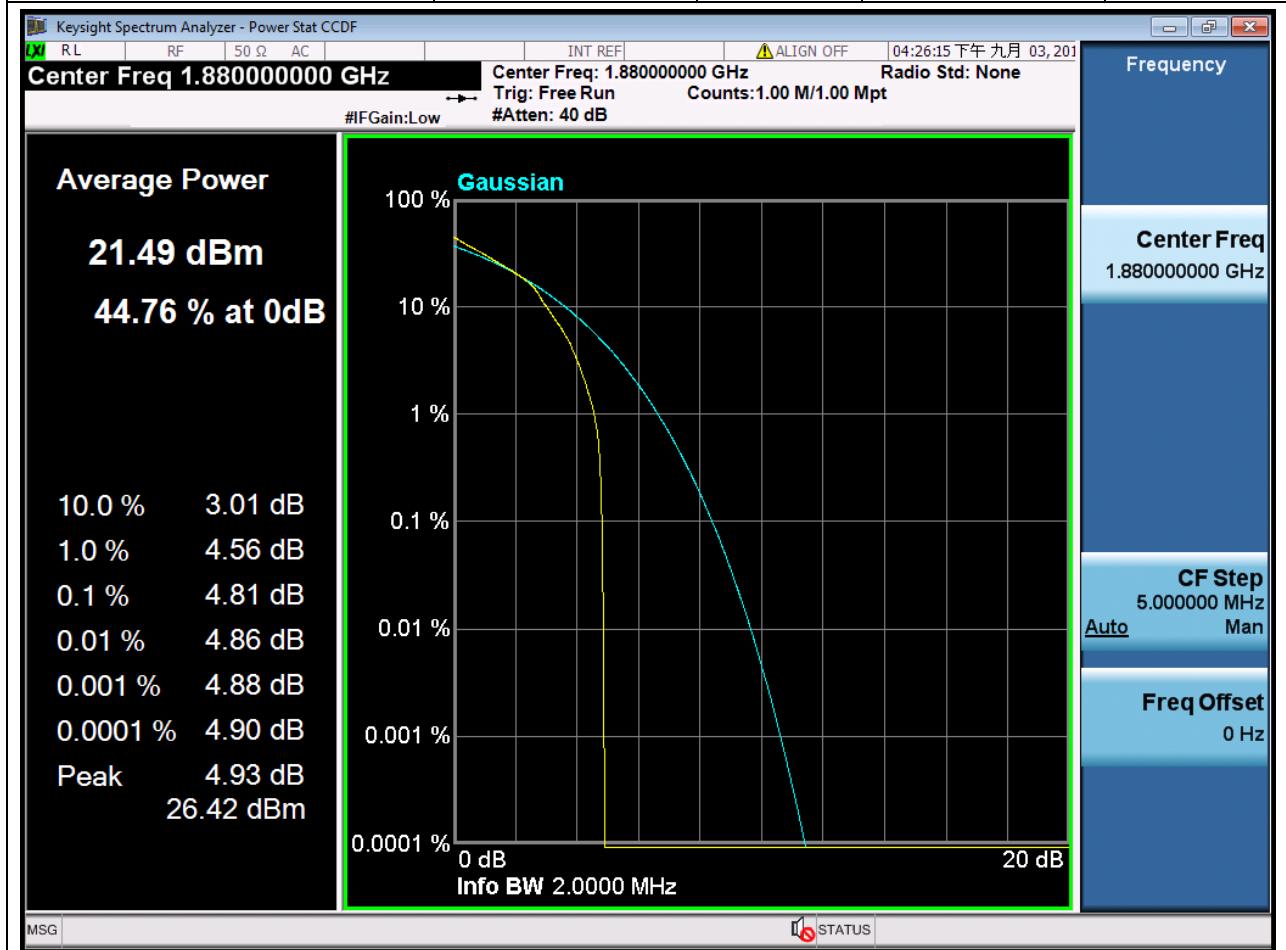
Info BW 2.0000 MHz

Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

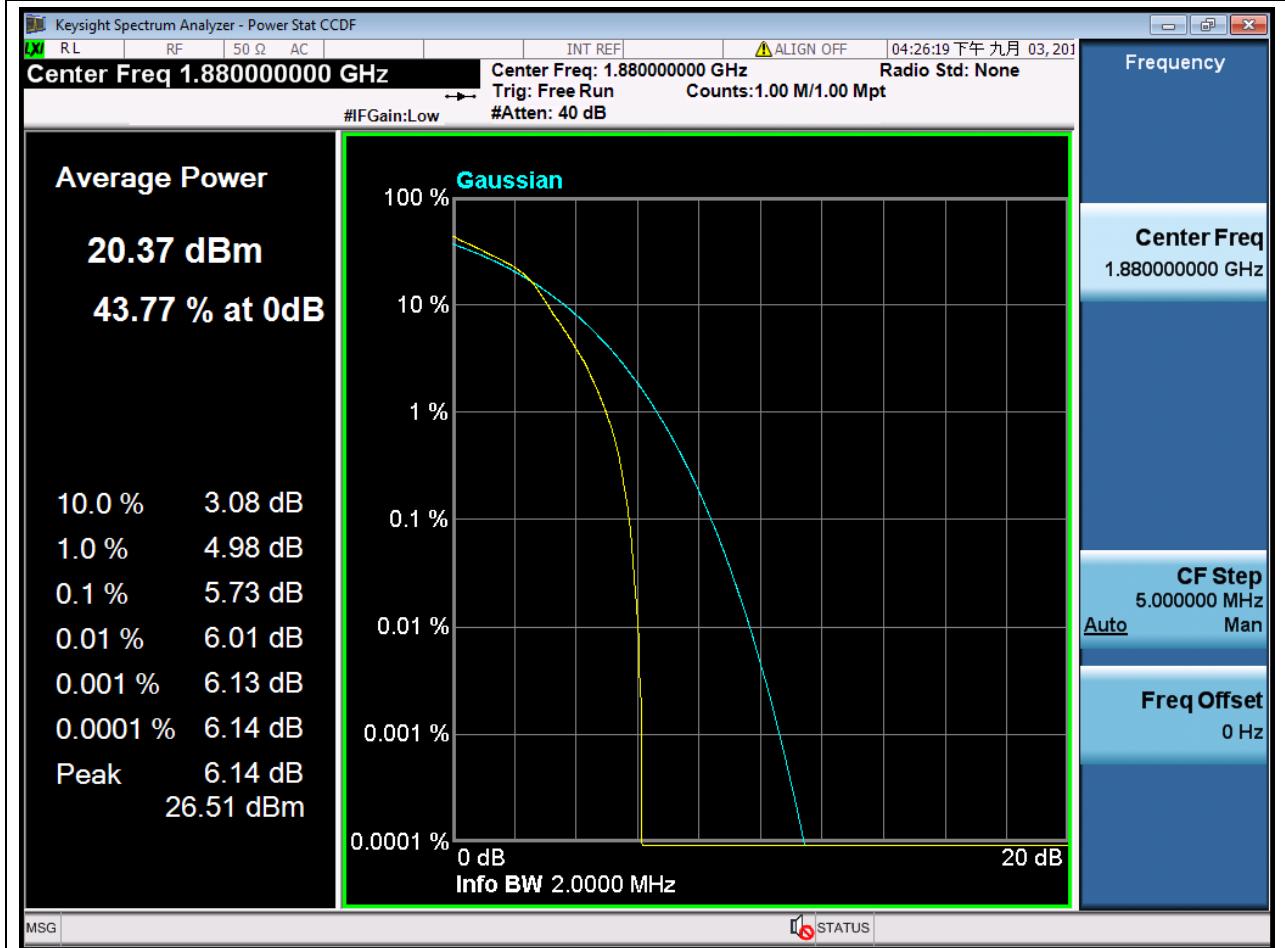
1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.81	13	Pass



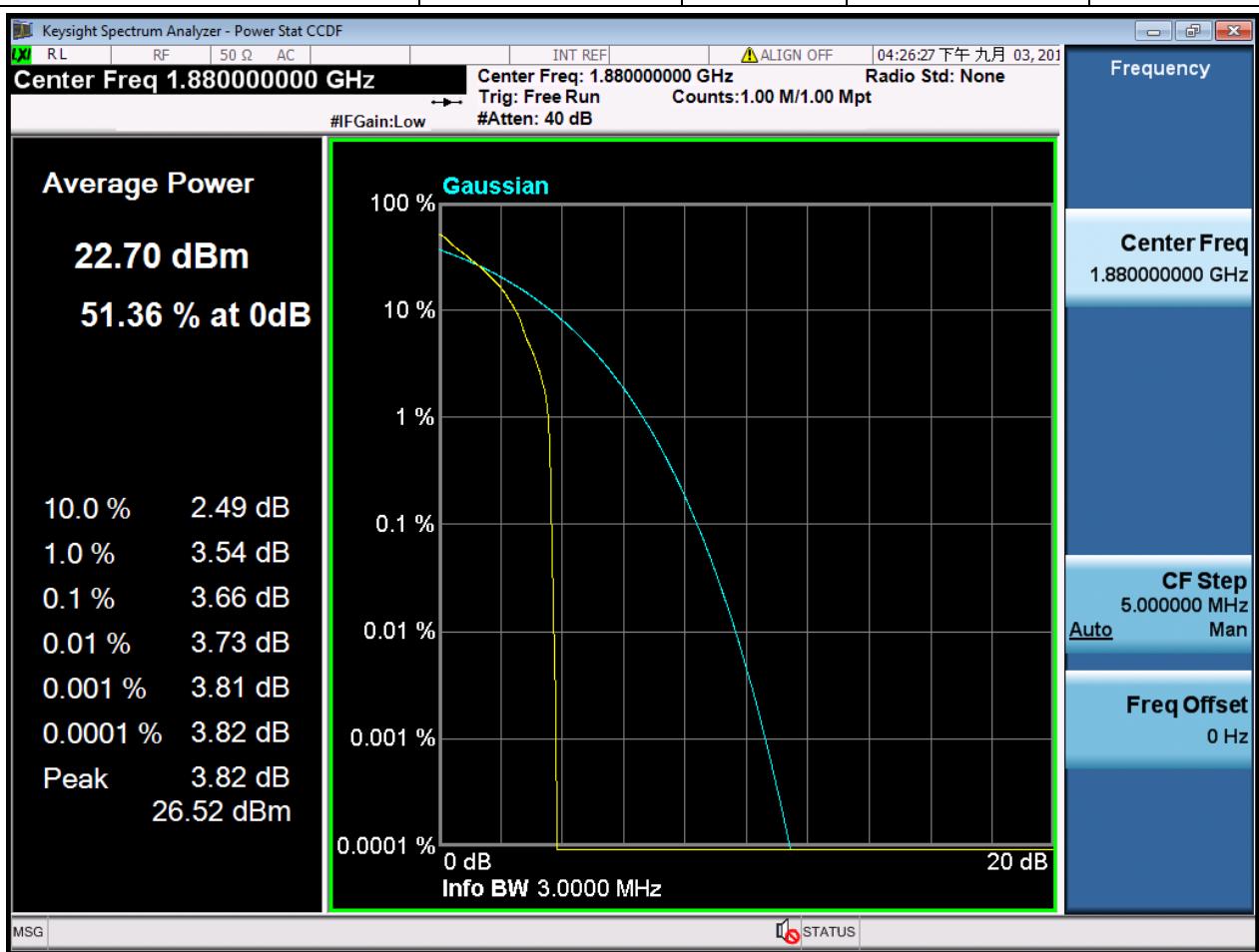
1.14. LTE Peak to Average Ratio(NTNV)(Subtest:14, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.73	13	Pass



1.15. LTE Peak to Average Ratio(NTNV)(Subtest:15, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.66	13	Pass



Average Power
22.70 dBm
51.36 % at 0dB

10.0 %	2.49 dB
1.0 %	3.54 dB
0.1 %	3.66 dB
0.01 %	3.73 dB
0.001 %	3.81 dB
0.0001 %	3.82 dB
Peak	3.82 dB
	26.52 dBm

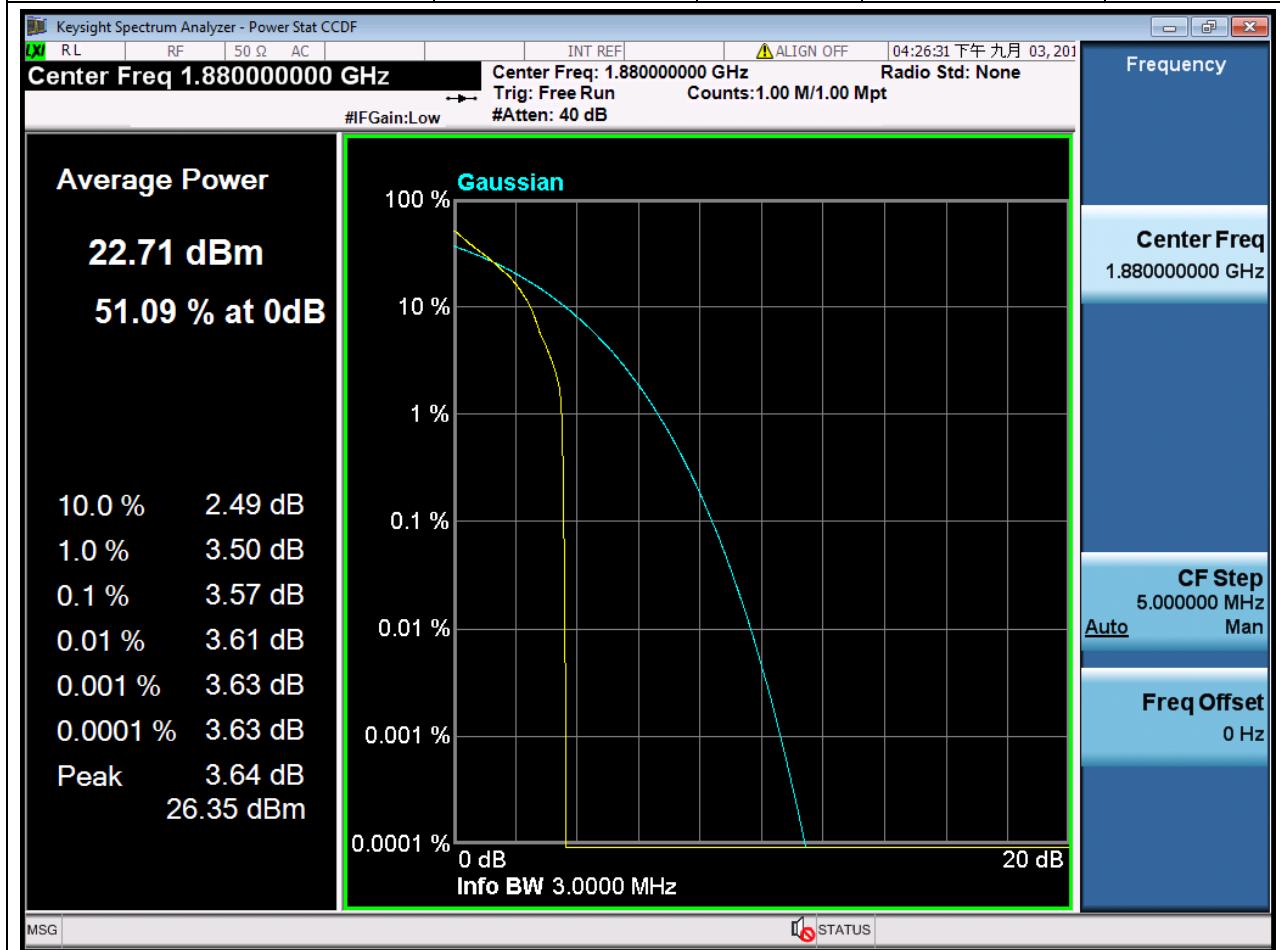
Center Freq 1.880000000 GHz

CF Step 5.000000 MHz

Freq Offset 0 Hz

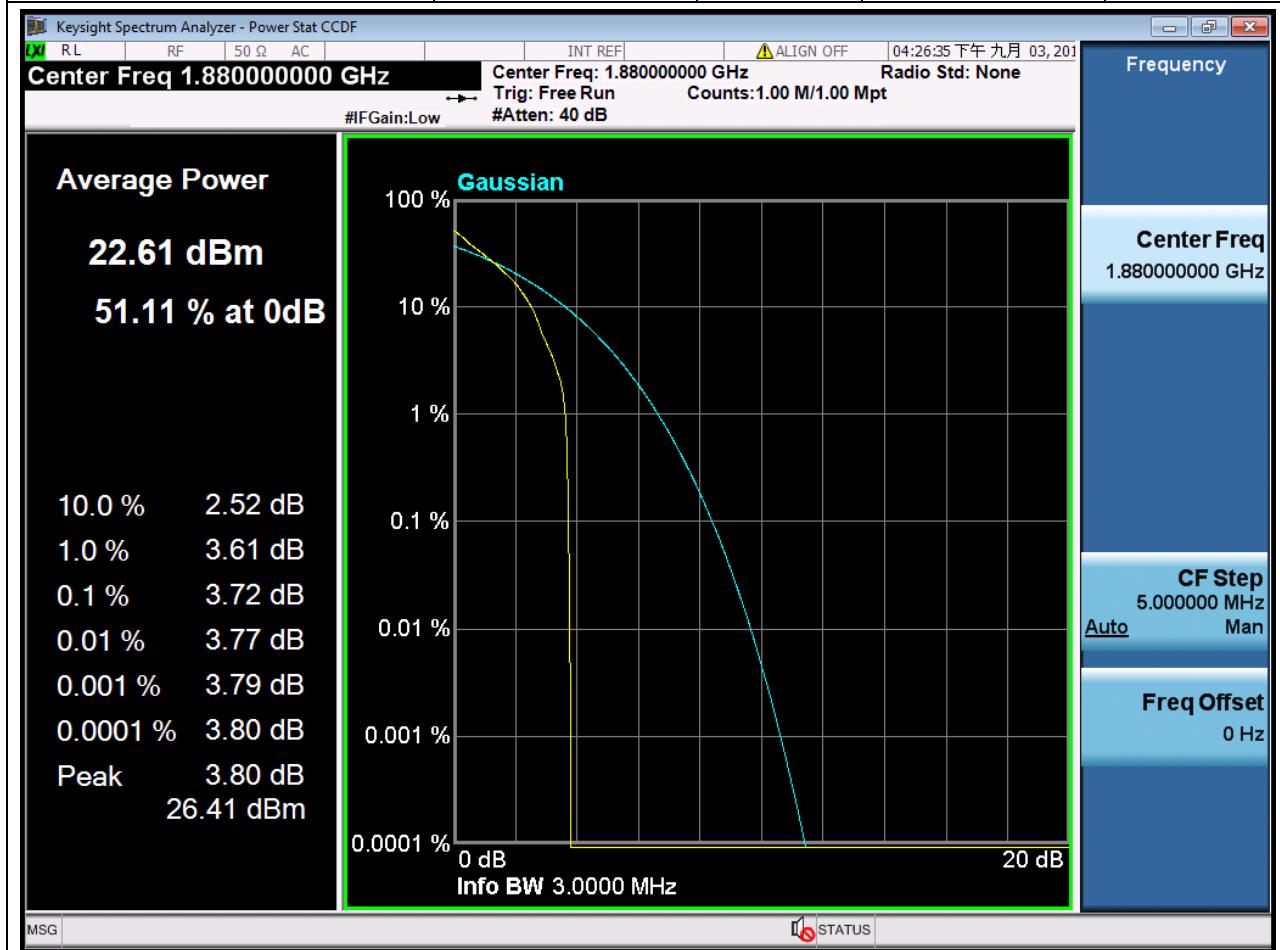
1.16. LTE Peak to Average Ratio(NTNV)(Subtest:16, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.57	13	Pass



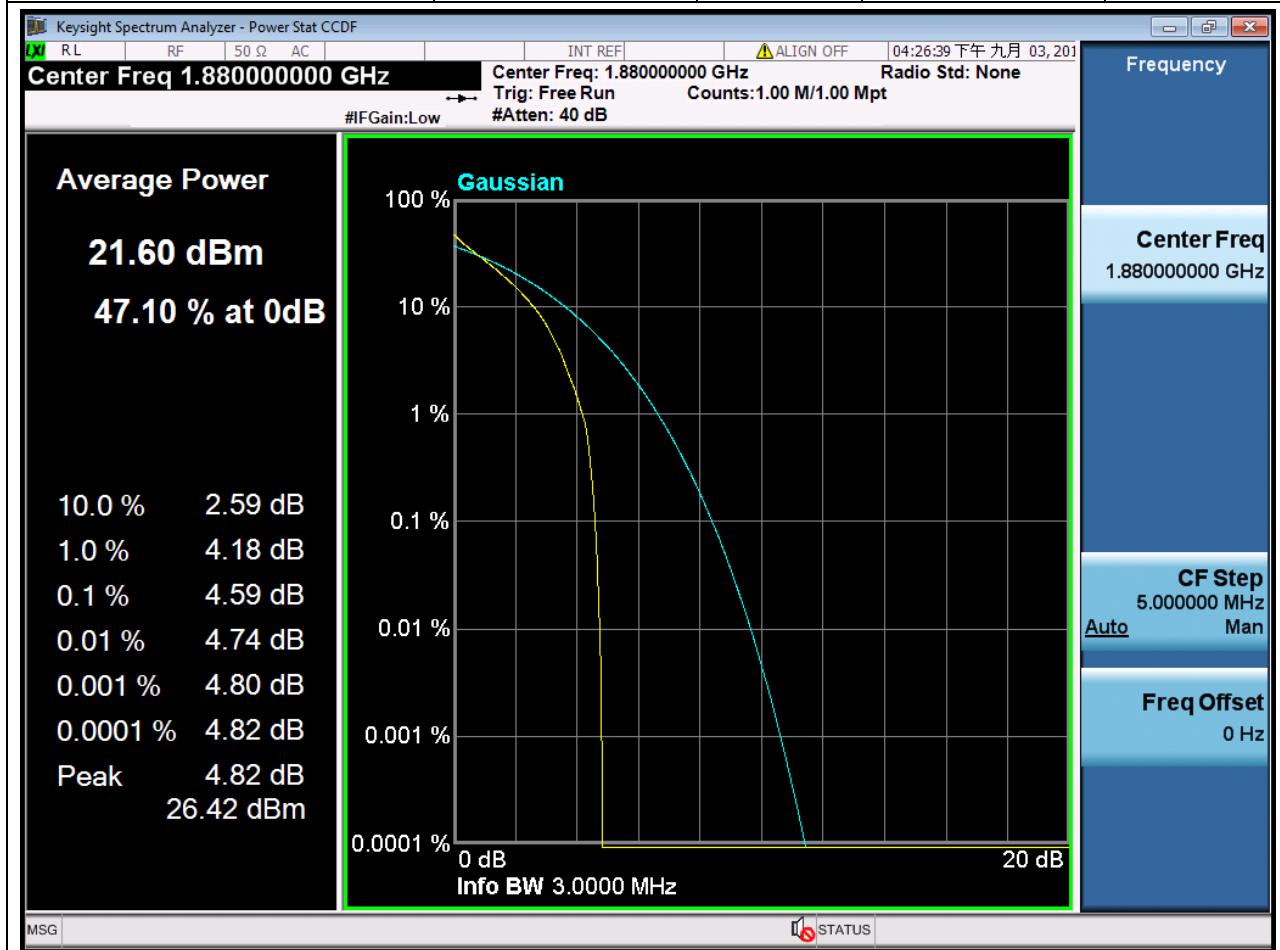
1.17. LTE Peak to Average Ratio(NTNV)(Subtest:17, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.72	13	Pass



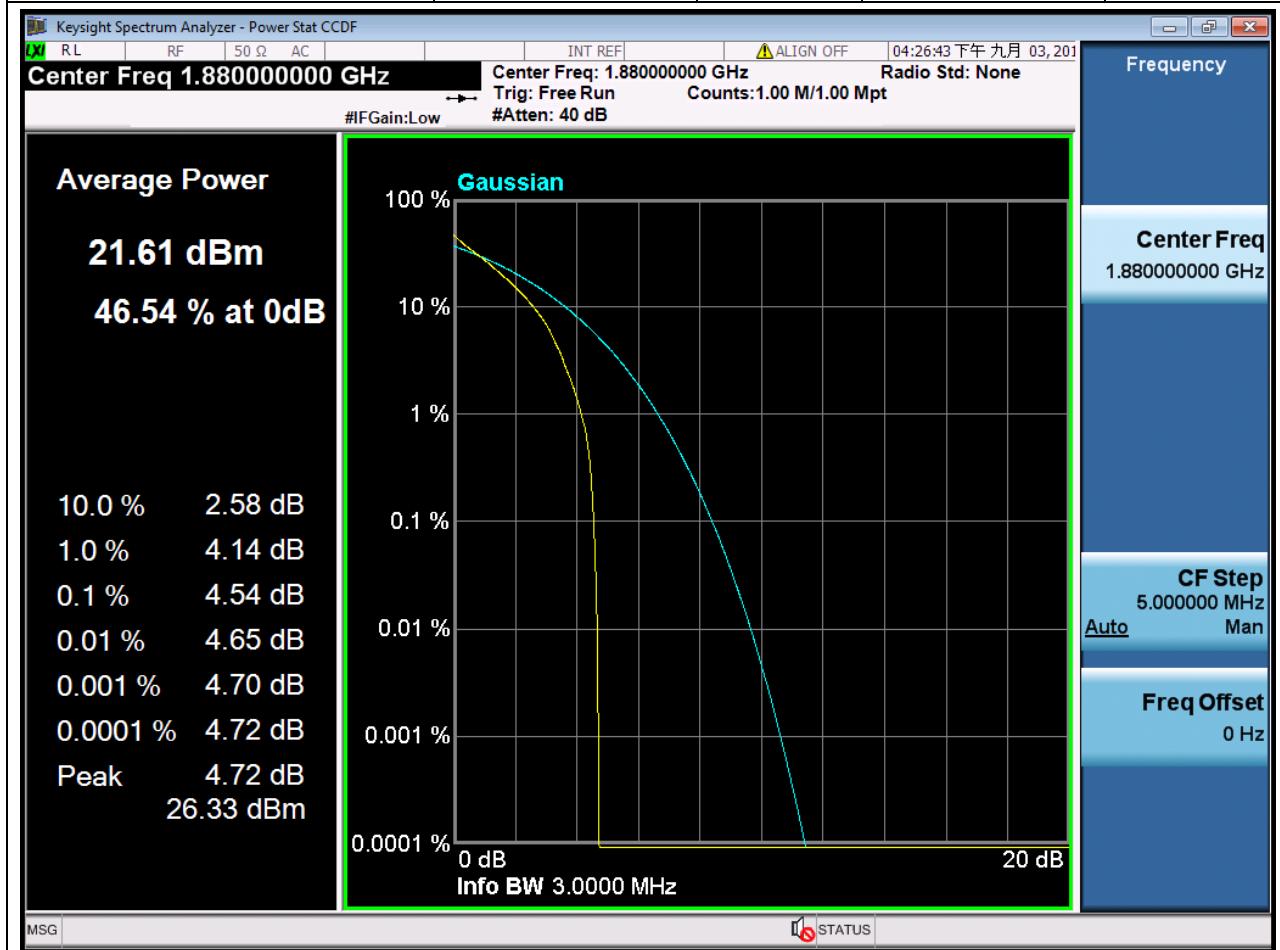
1.18. LTE Peak to Average Ratio(NTNV)(Subtest:18, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.59	13	Pass



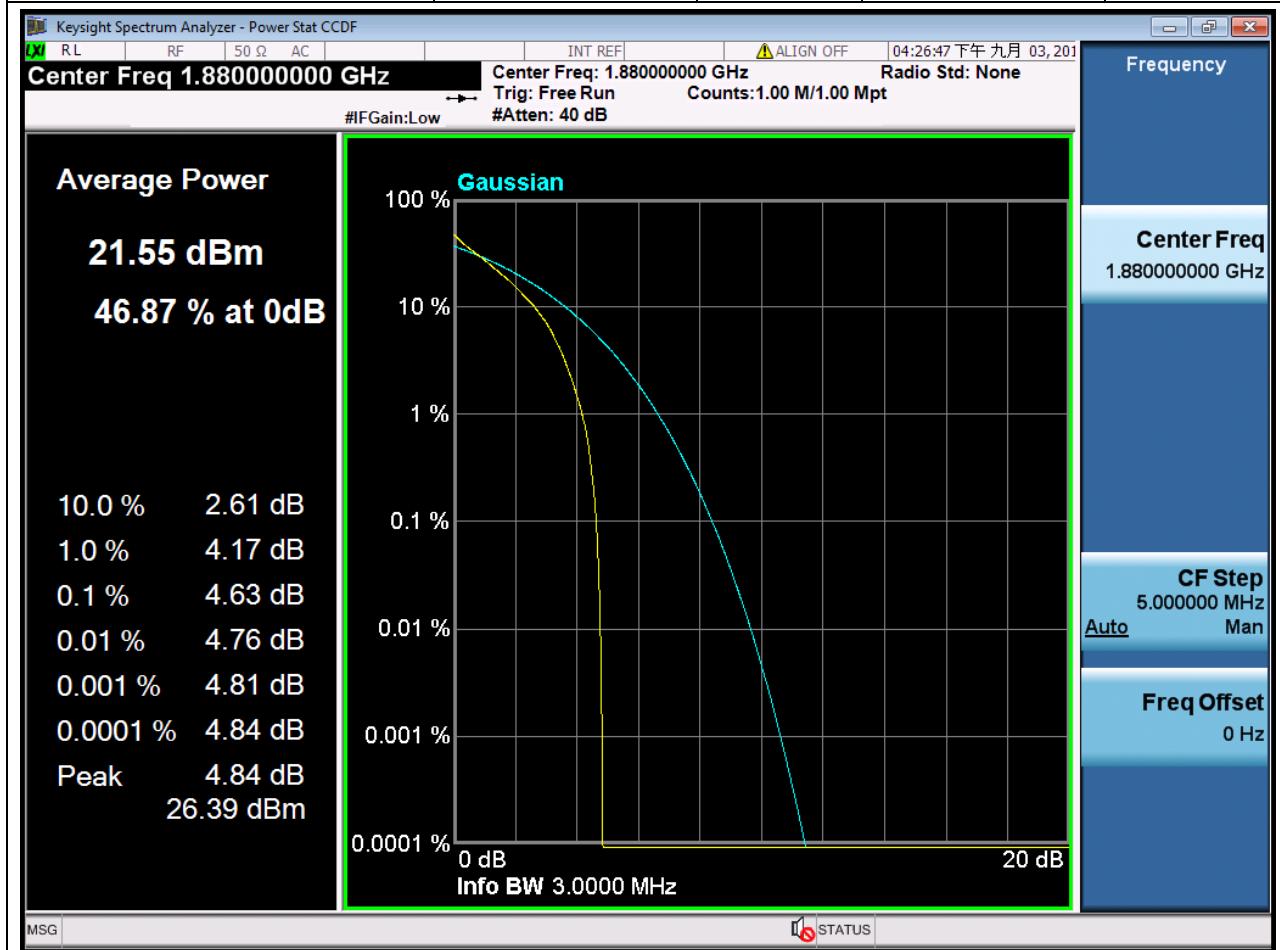
1.19. LTE Peak to Average Ratio(NTNV)(Subtest:19, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.54	13	Pass



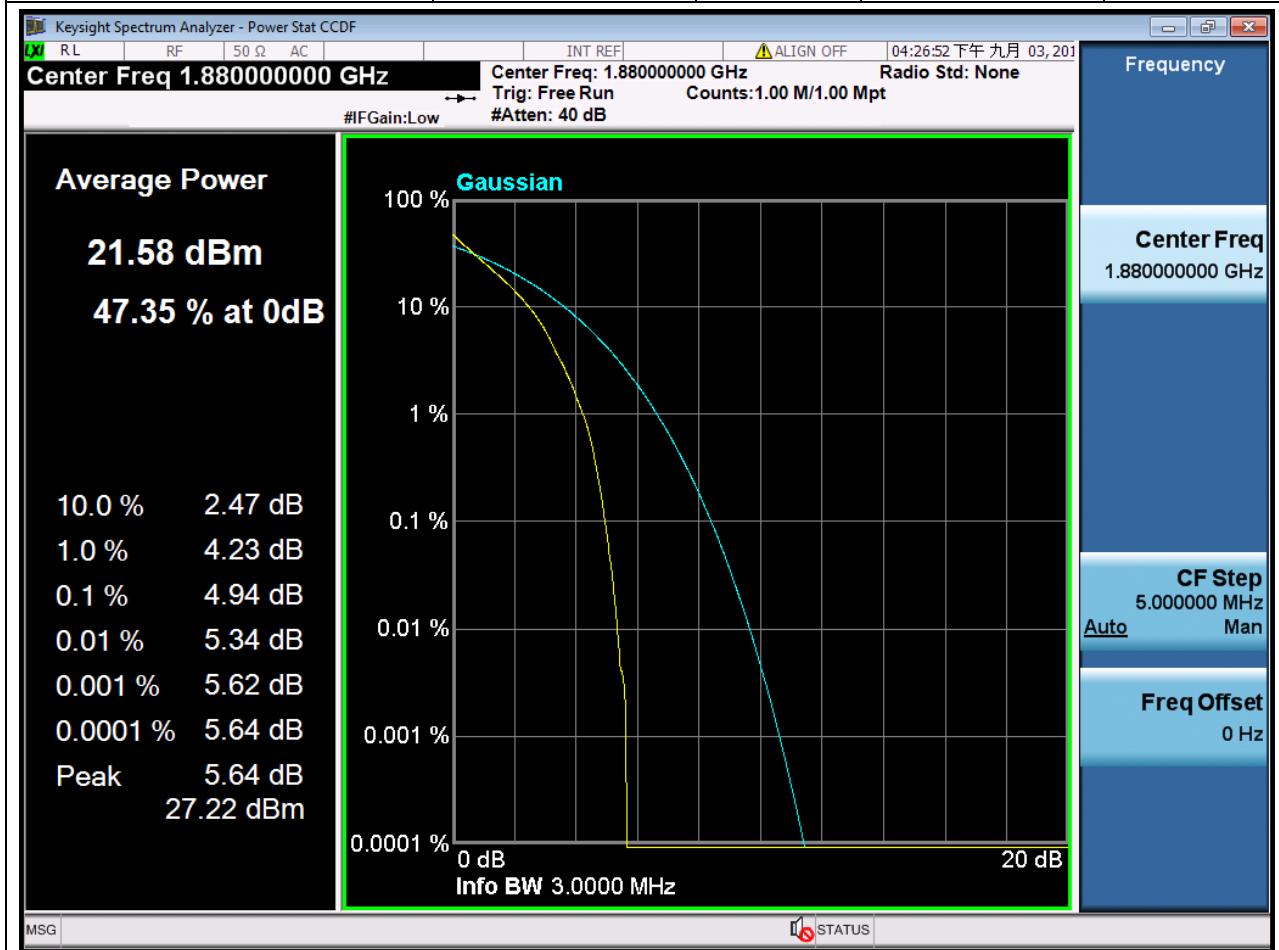
1.20. LTE Peak to Average Ratio(NTNV)(Subtest:20, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.63	13	Pass



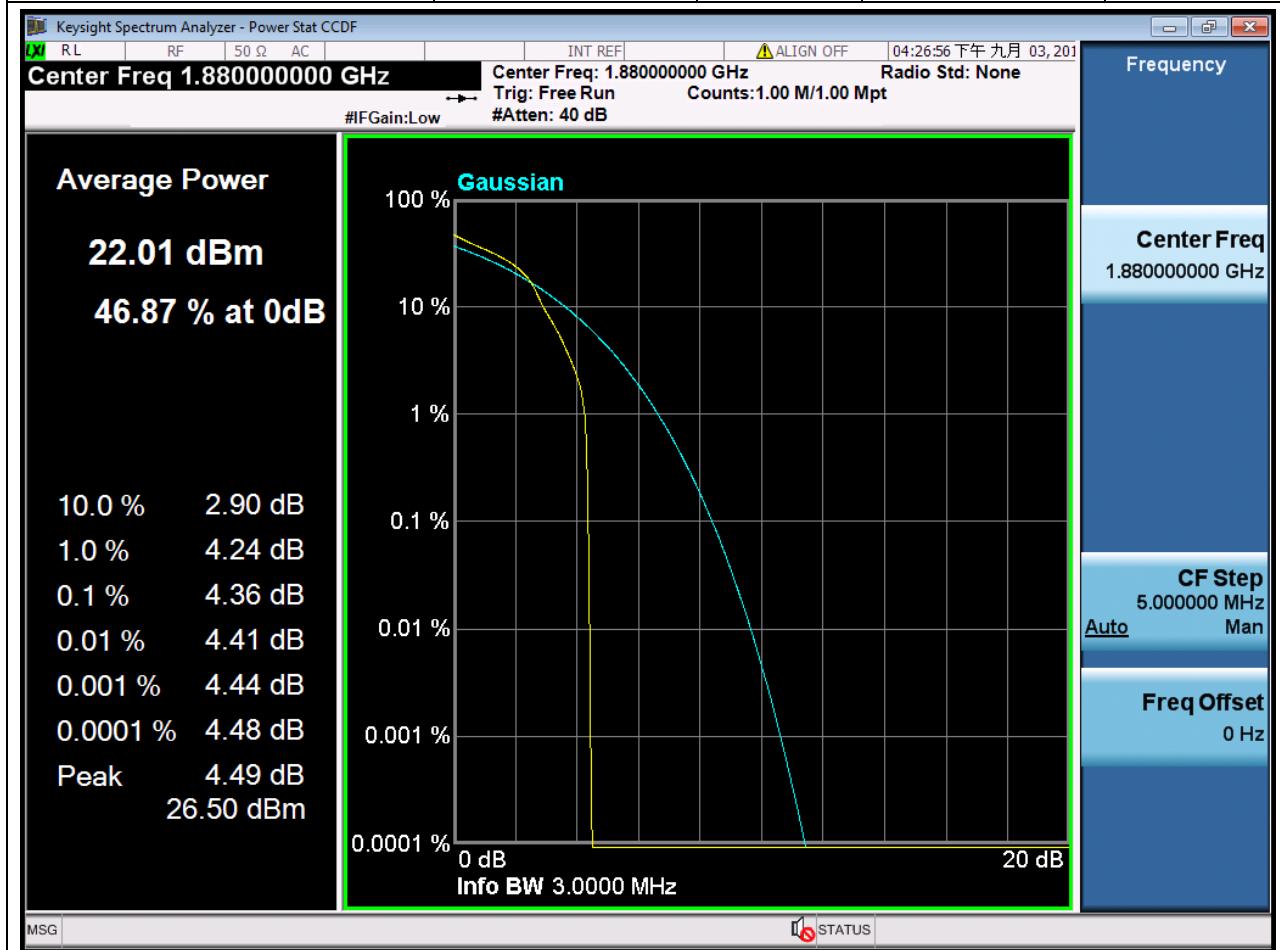
1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.94	13	Pass



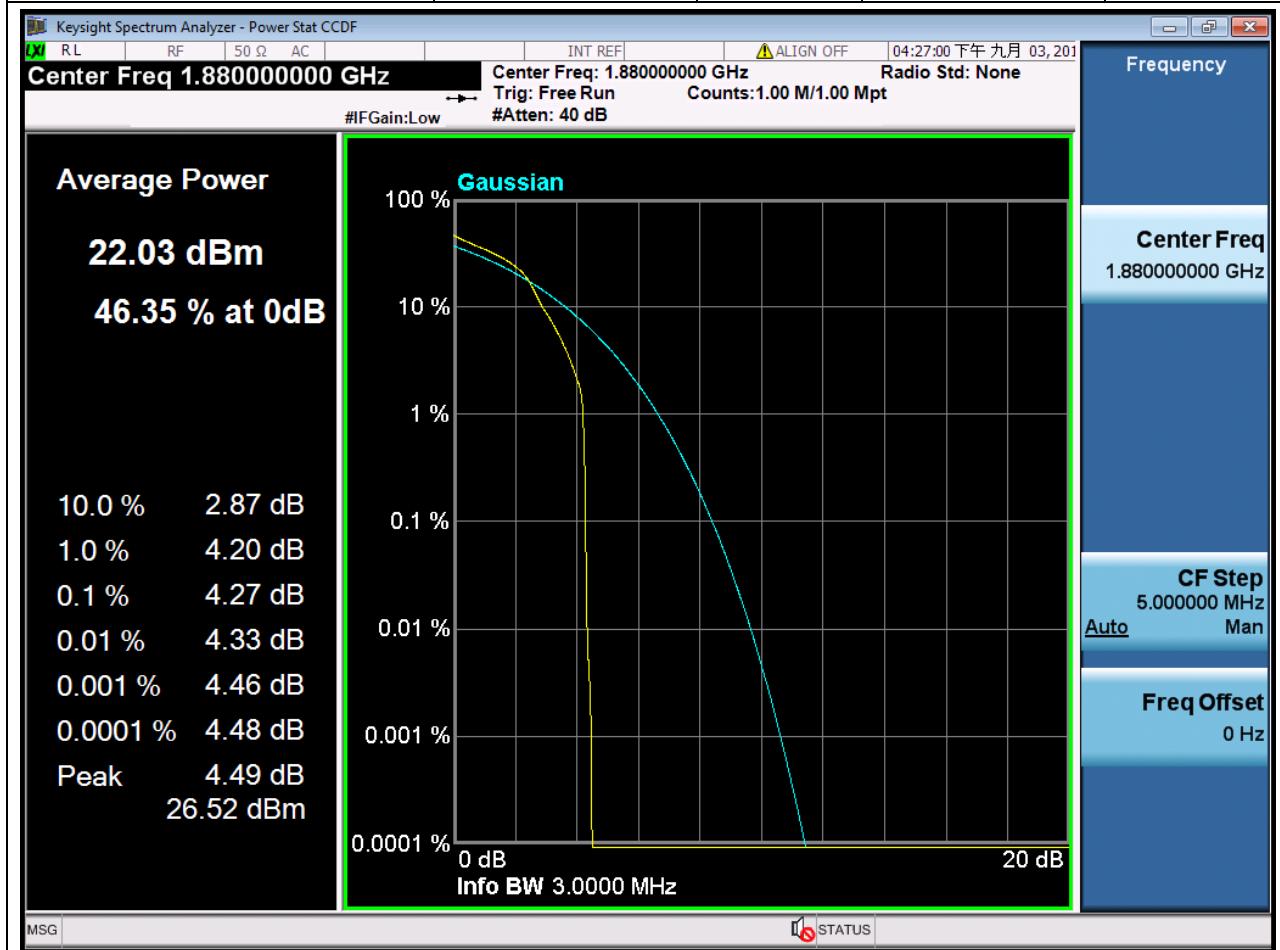
1.22. LTE Peak to Average Ratio(NTNV)(Subtest:22, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.36	13	Pass



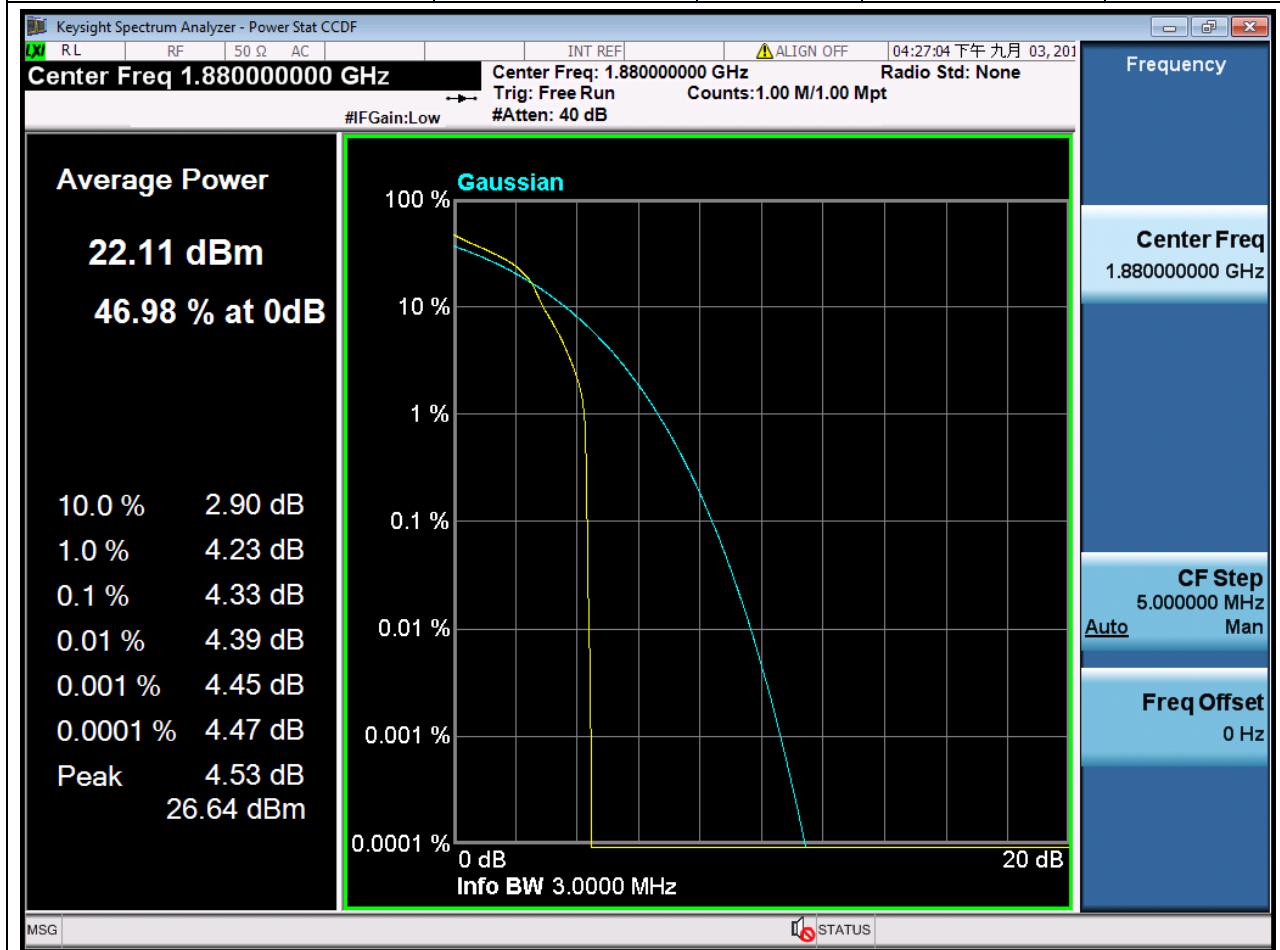
1.23. LTE Peak to Average Ratio(NTNV)(Subtest:23, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.27	13	Pass



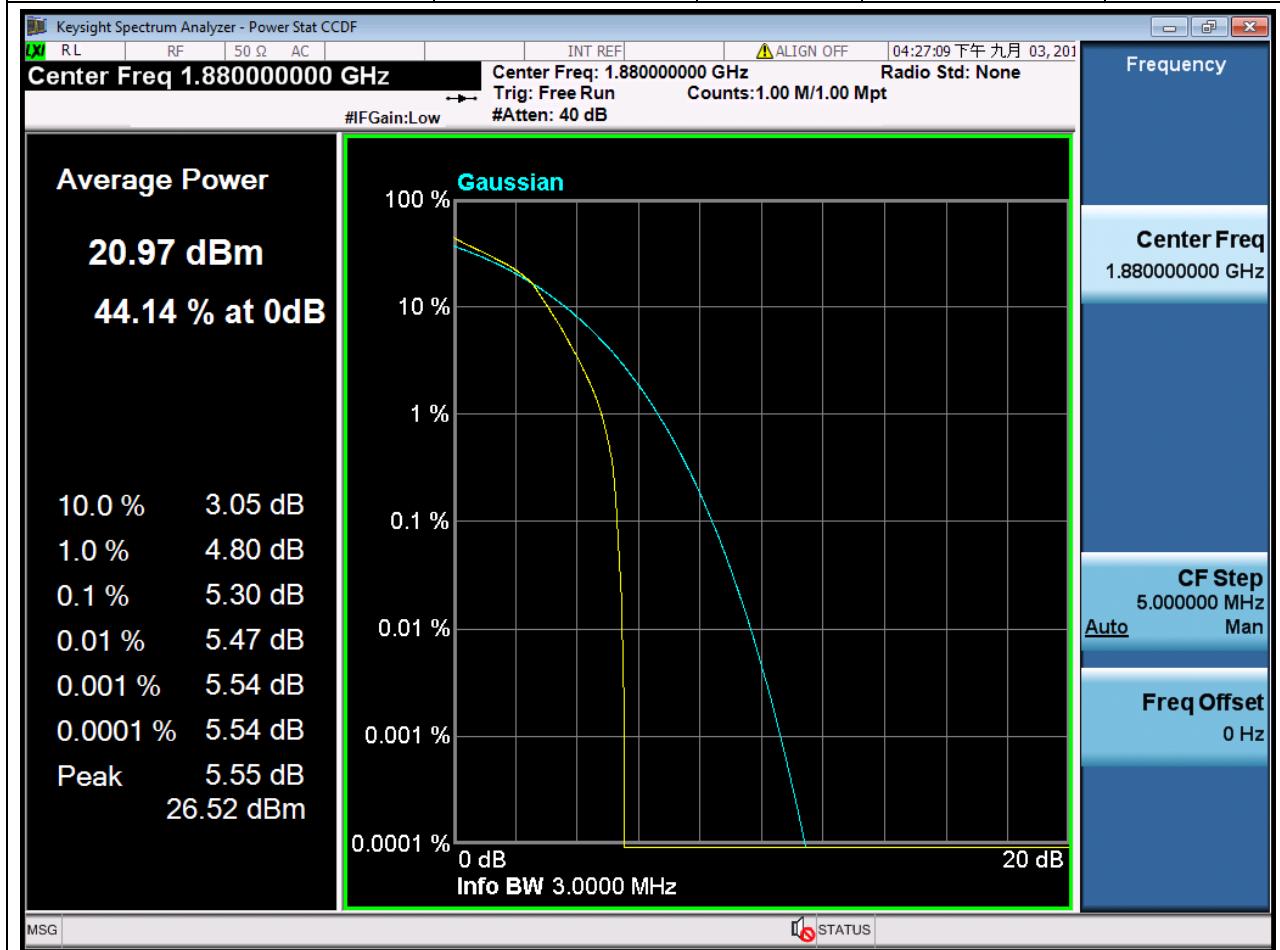
1.24. LTE Peak to Average Ratio(NTNV)(Subtest:24, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.33	13	Pass



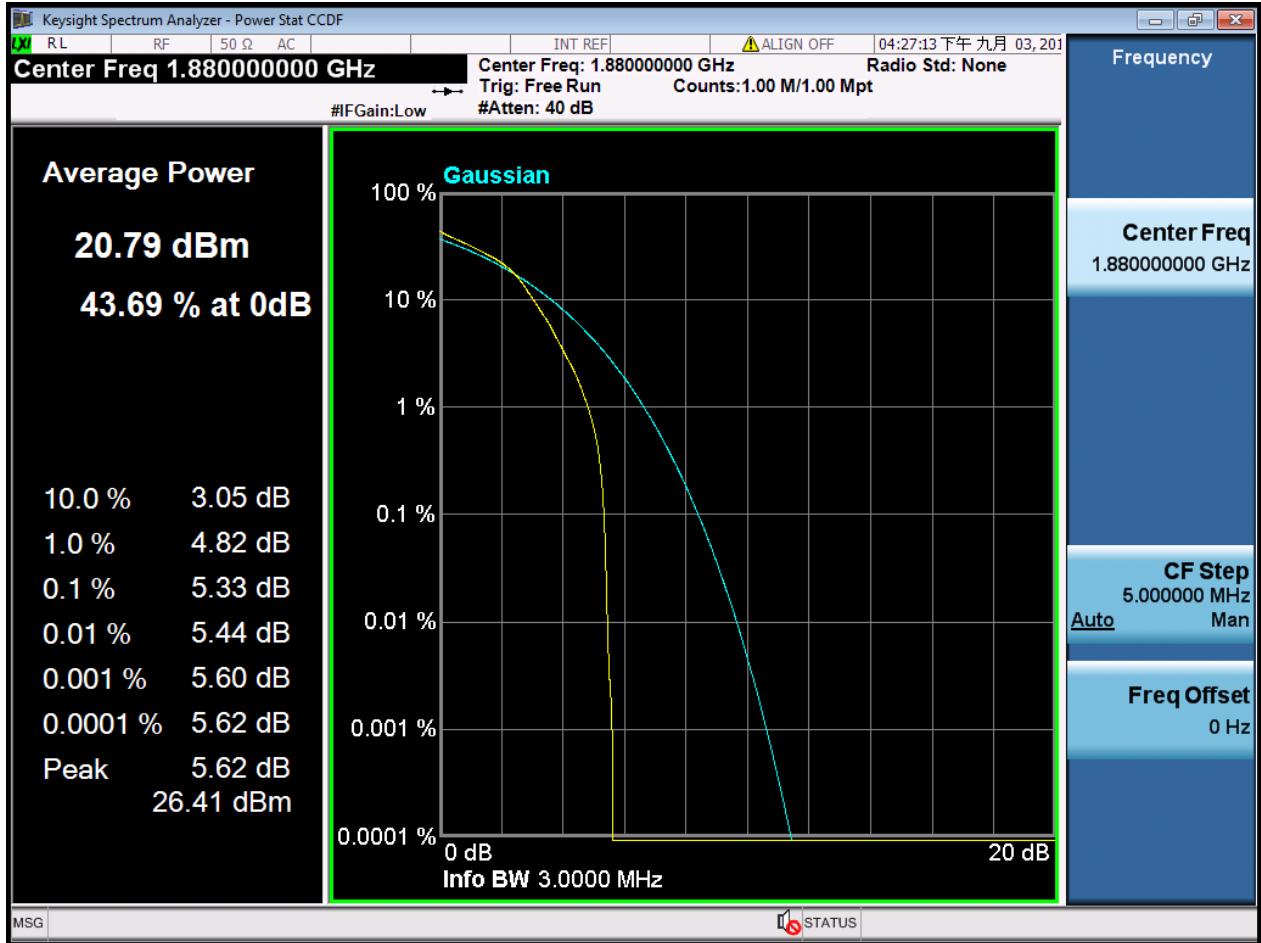
1.25. LTE Peak to Average Ratio(NTNV)(Subtest:25, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.3	13	Pass



1.26. LTE Peak to Average Ratio(NTNV)(Subtest:26, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.33	13	Pass



Keysight Spectrum Analyzer - Power Stat CCDF

Center Freq 1.880000000 GHz

Average Power
20.79 dBm
43.69 % at 0dB

10.0 %	3.05 dB
1.0 %	4.82 dB
0.1 %	5.33 dB
0.01 %	5.44 dB
0.001 %	5.60 dB
0.0001 %	5.62 dB
Peak	5.62 dB
	26.41 dBm

Gaussian

0 dB 20 dB

Info BW 3.0000 MHz

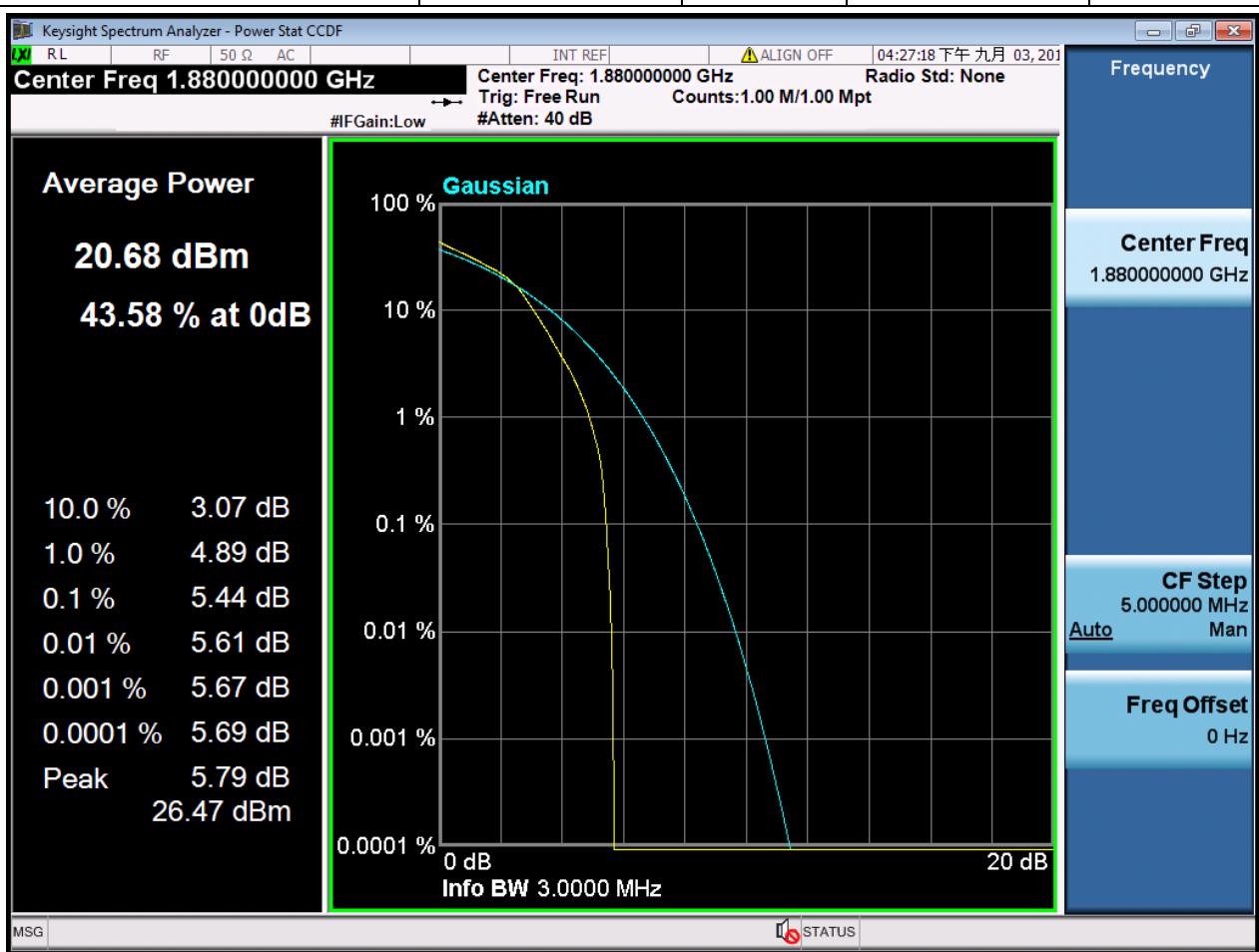
Center Freq 1.880000000 GHz

CF Step 5.000000 MHz

Freq Offset 0 Hz

1.27. LTE Peak to Average Ratio(NTNV)(Subtest:27, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.44	13	Pass



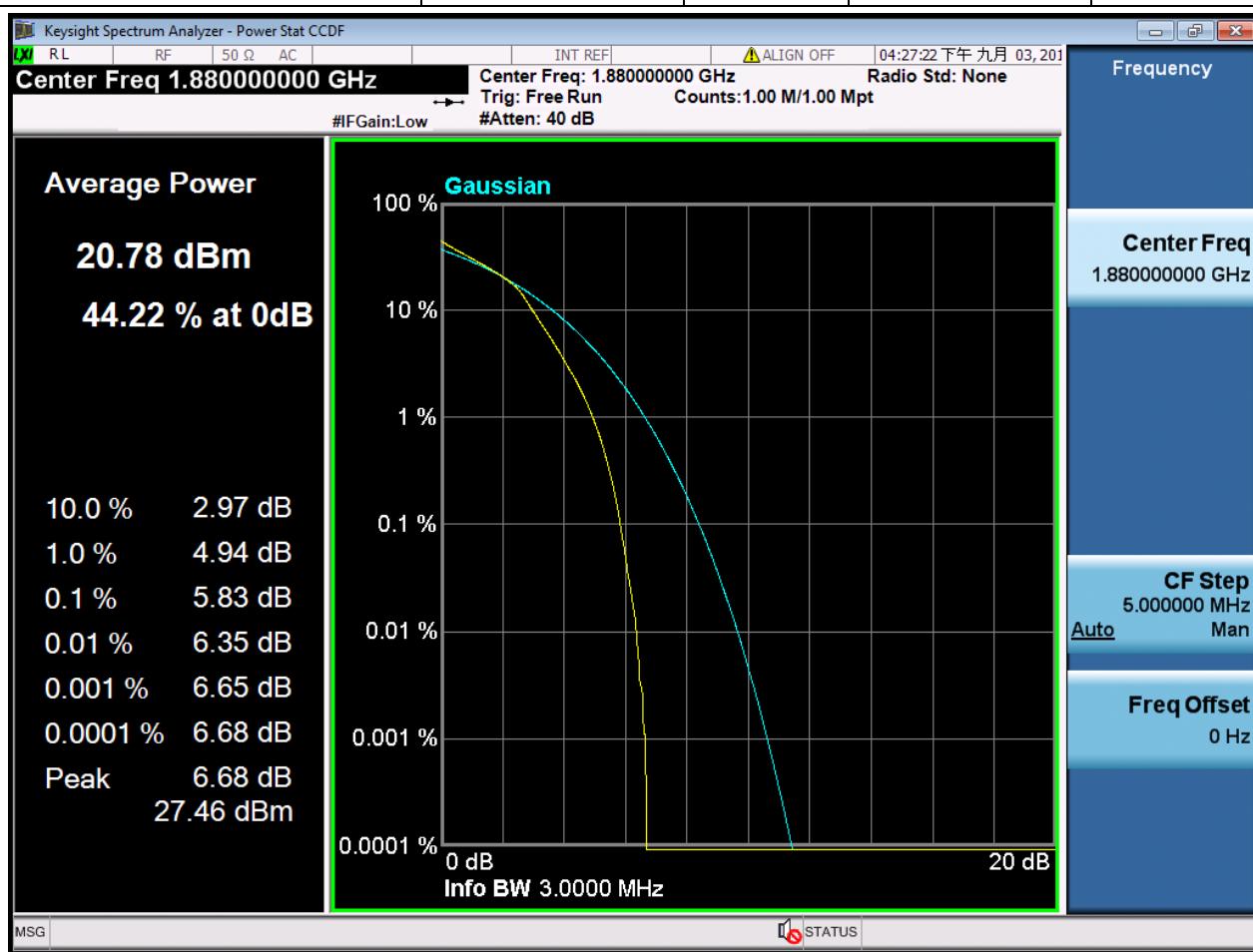
Average Power
20.68 dBm
43.58 % at 0dB

10.0 %	3.07 dB
1.0 %	4.89 dB
0.1 %	5.44 dB
0.01 %	5.61 dB
0.001 %	5.67 dB
0.0001 %	5.69 dB
Peak	5.79 dB
	26.47 dBm

Info BW 3.0000 MHz

1.28. LTE Peak to Average Ratio(NTNV)(Subtest:28, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.83	13	Pass



The screenshot displays the results of a PAPR measurement. The main plot is a Gaussian distribution of power versus frequency. The x-axis represents power in dB, ranging from 0 dB to 20 dB. The y-axis represents percentage, ranging from 0.0001 % to 100 %. A yellow curve represents the measured distribution, and a blue line represents the Gaussian fit. The plot title is "Gaussian". The measurement parameters are listed as follows:

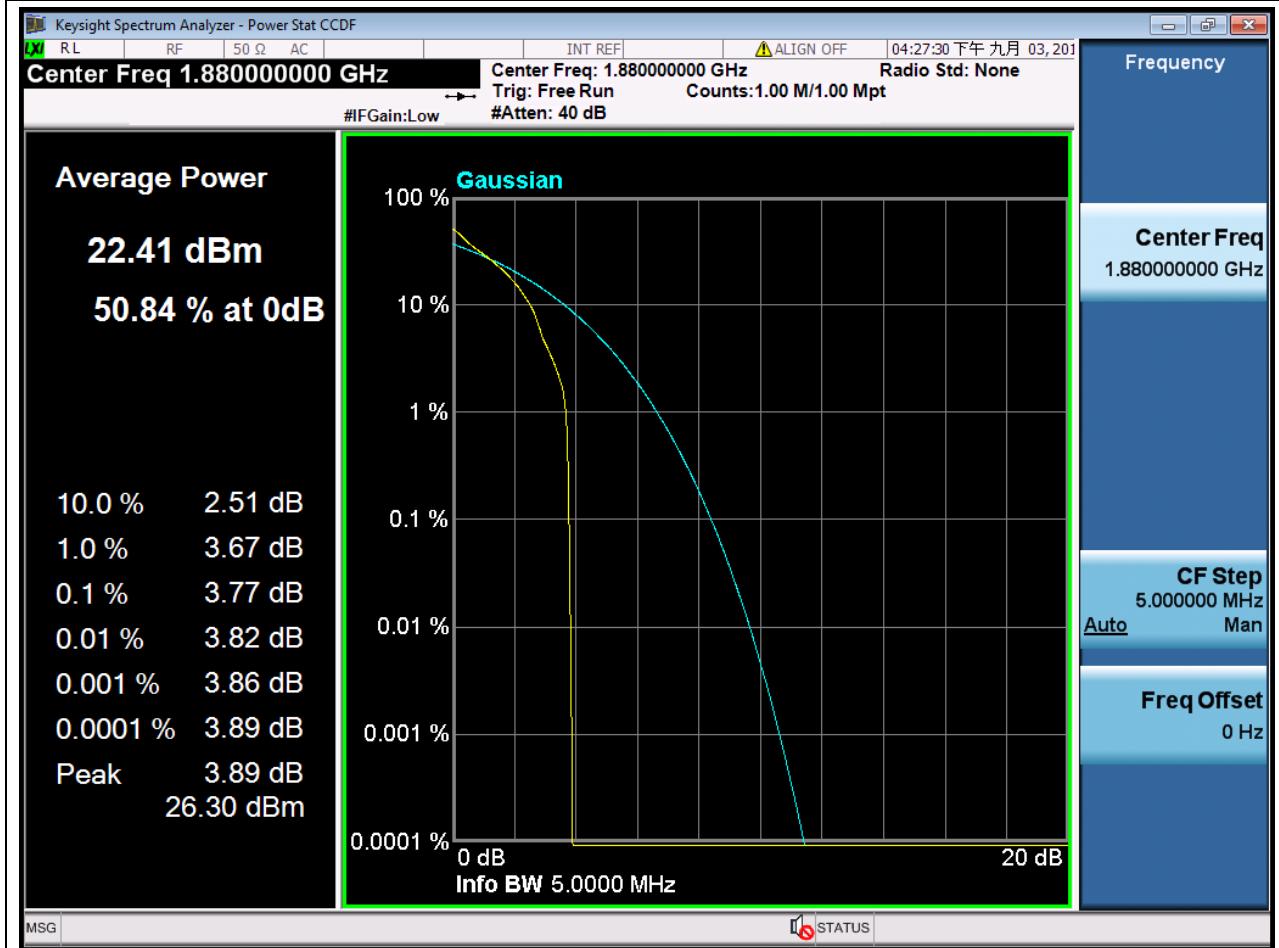
- Average Power: 20.78 dBm
- 44.22 % at 0dB
- Peak: 6.68 dB
- 27.46 dBm
- Info BW: 3.0000 MHz

Other parameters shown in the interface include:

- Center Freq: 1.880000000 GHz
- Radio Std: None
- Trig: Free Run
- Counts: 1.00 M/1.00 Mpt
- #Atten: 40 dB
- #IFGain:Low
- CF Step: 5.000000 MHz
- Freq Offset: 0 Hz
- Auto/Man

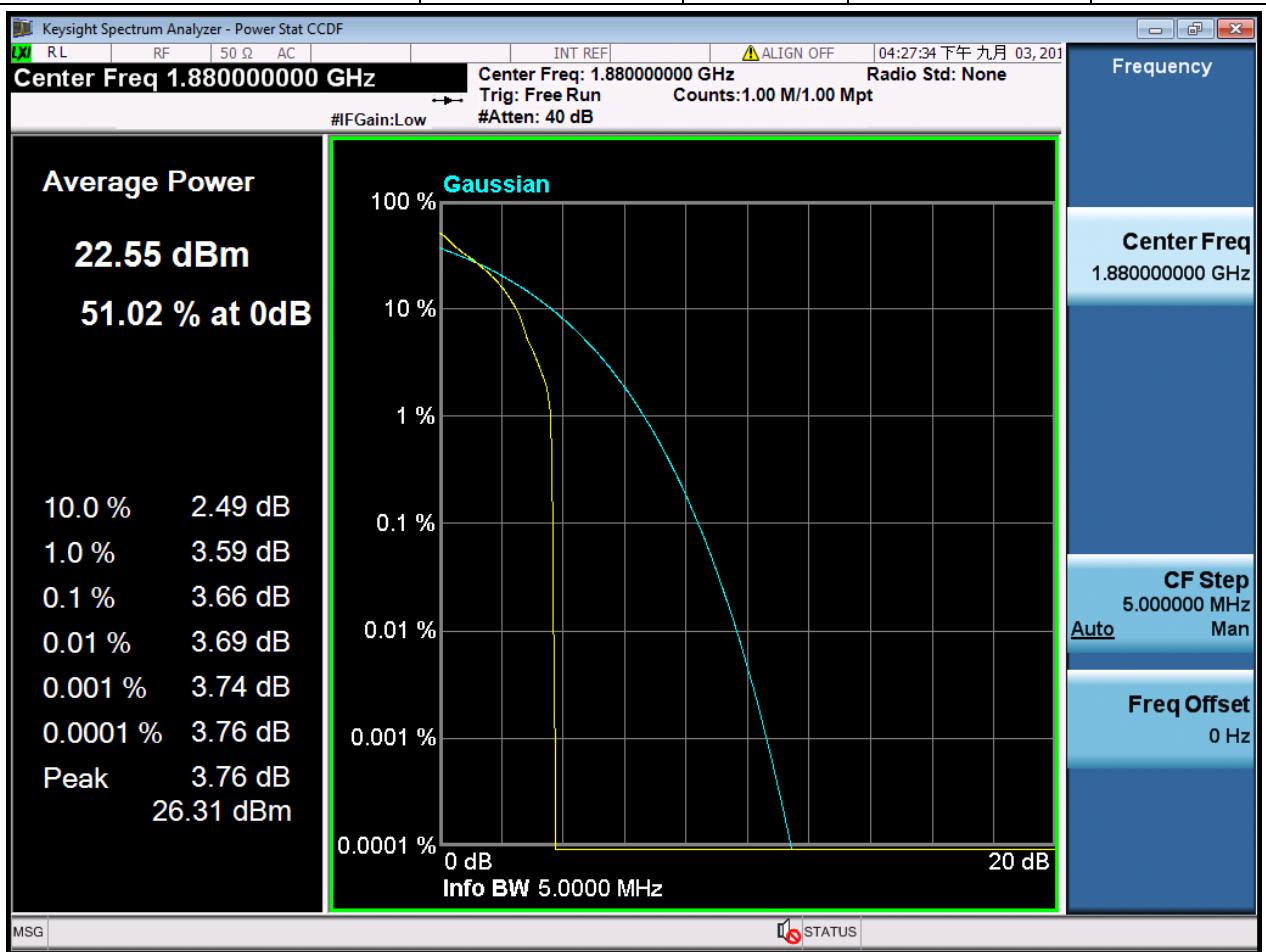
1.29. LTE Peak to Average Ratio(NTNV)(Subtest:29, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.77	13	Pass



1.30. LTE Peak to Average Ratio(NTNV)(Subtest:30, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.66	13	Pass



The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF test. The main window displays a Gaussian probability distribution curve on a log-linear scale. The x-axis represents power in dB (from 0 dB to 20 dB) and the y-axis represents percentage (from 0.0001% to 100%). A yellow vertical line marks the peak power at 3.76 dB. A cyan curve represents the Gaussian fit to the data. The left panel provides detailed statistics:

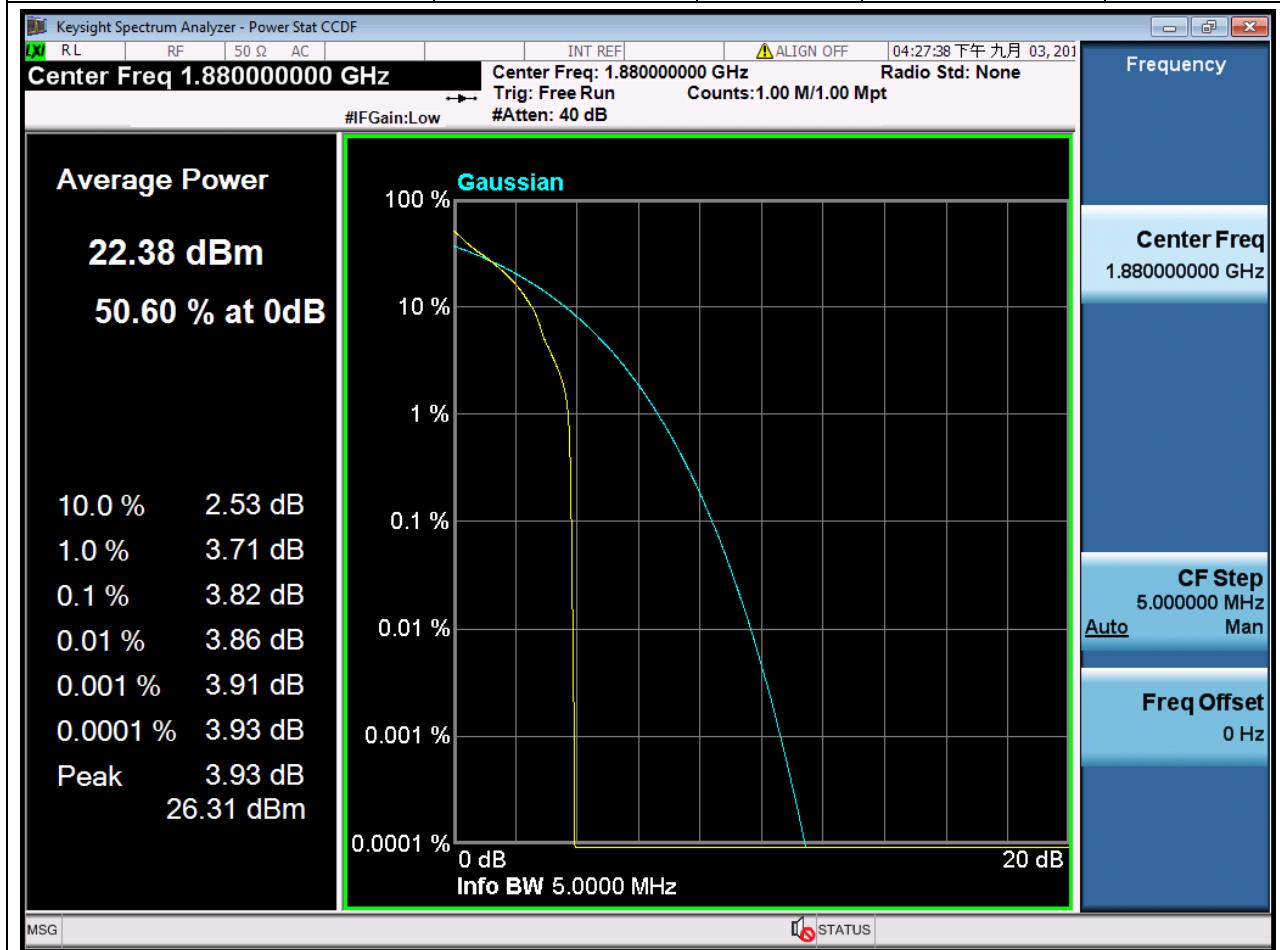
Value	Description
22.55 dBm	Average Power
51.02 % at 0dB	
10.0 % 2.49 dB	
1.0 % 3.59 dB	
0.1 % 3.66 dB	
0.01 % 3.69 dB	
0.001 % 3.74 dB	
0.0001 % 3.76 dB	
Peak 3.76 dB	
26.31 dBm	

The right panel shows configuration settings:

- Center Freq: 1.880000000 GHz
- CF Step: 5.00000 MHz
- Freq Offset: 0 Hz

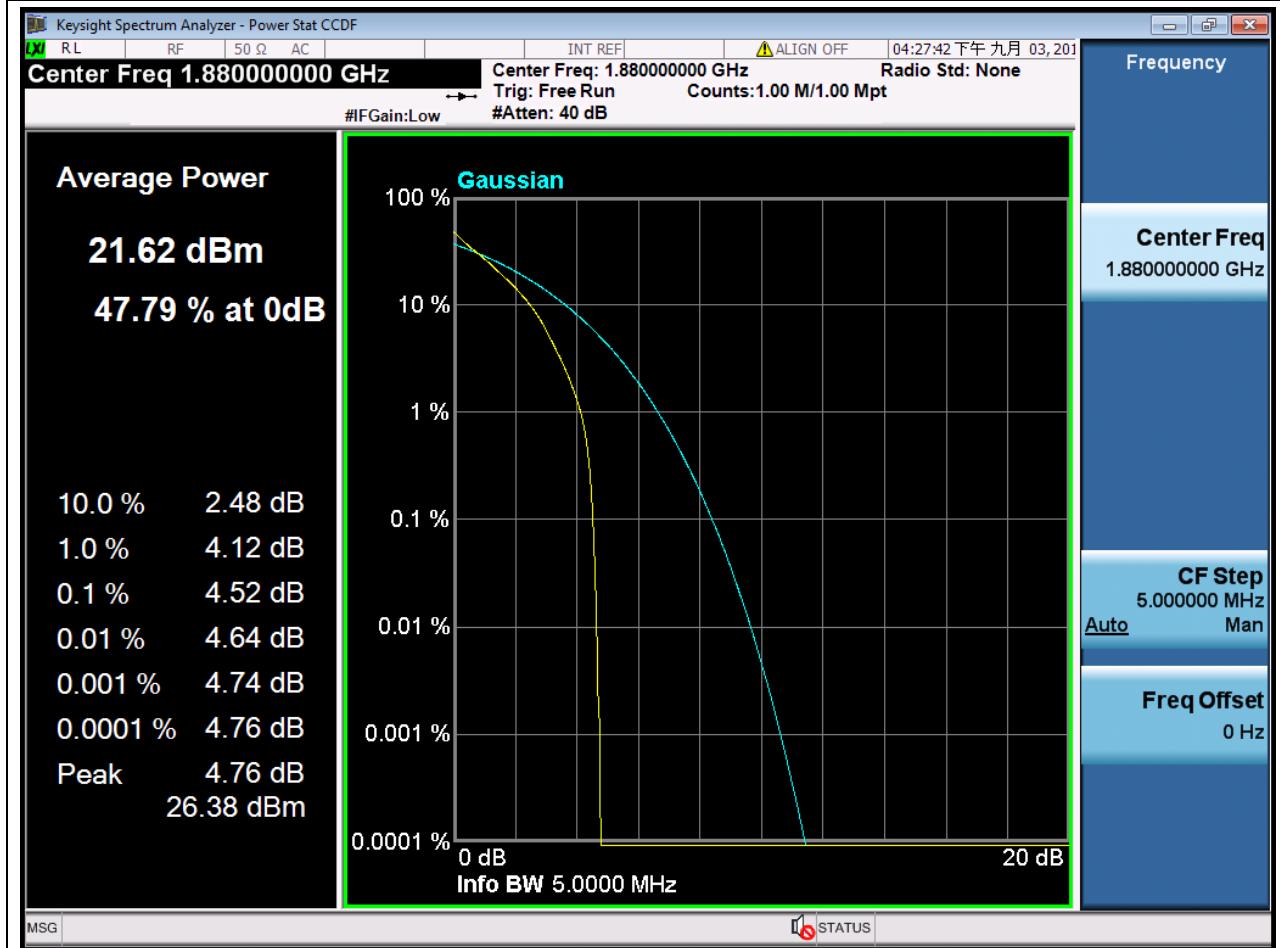
1.31. LTE Peak to Average Ratio(NTNV)(Subtest:31, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.82	13	Pass



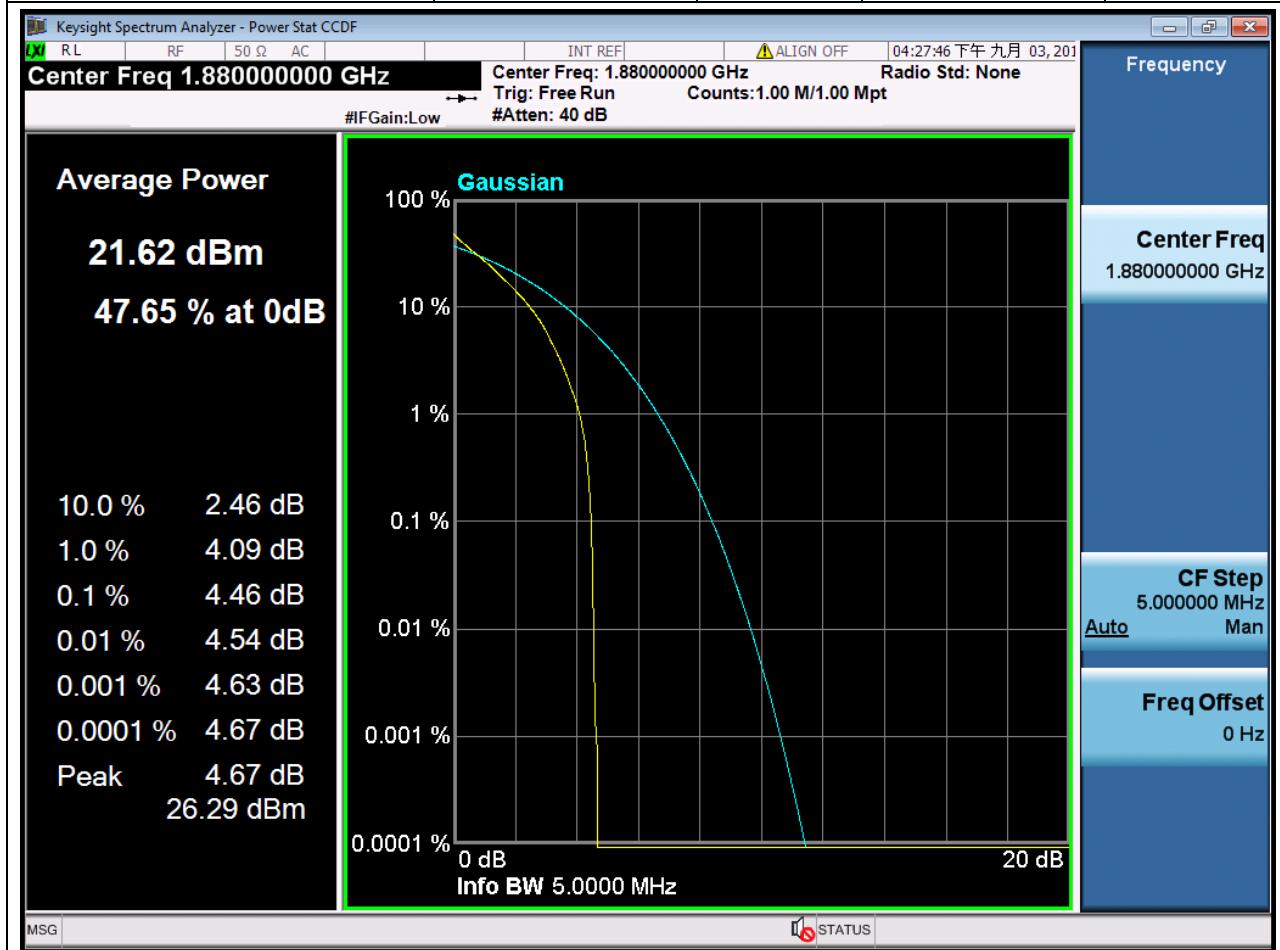
1.32. LTE Peak to Average Ratio(NTNV)(Subtest:32, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.52	13	Pass



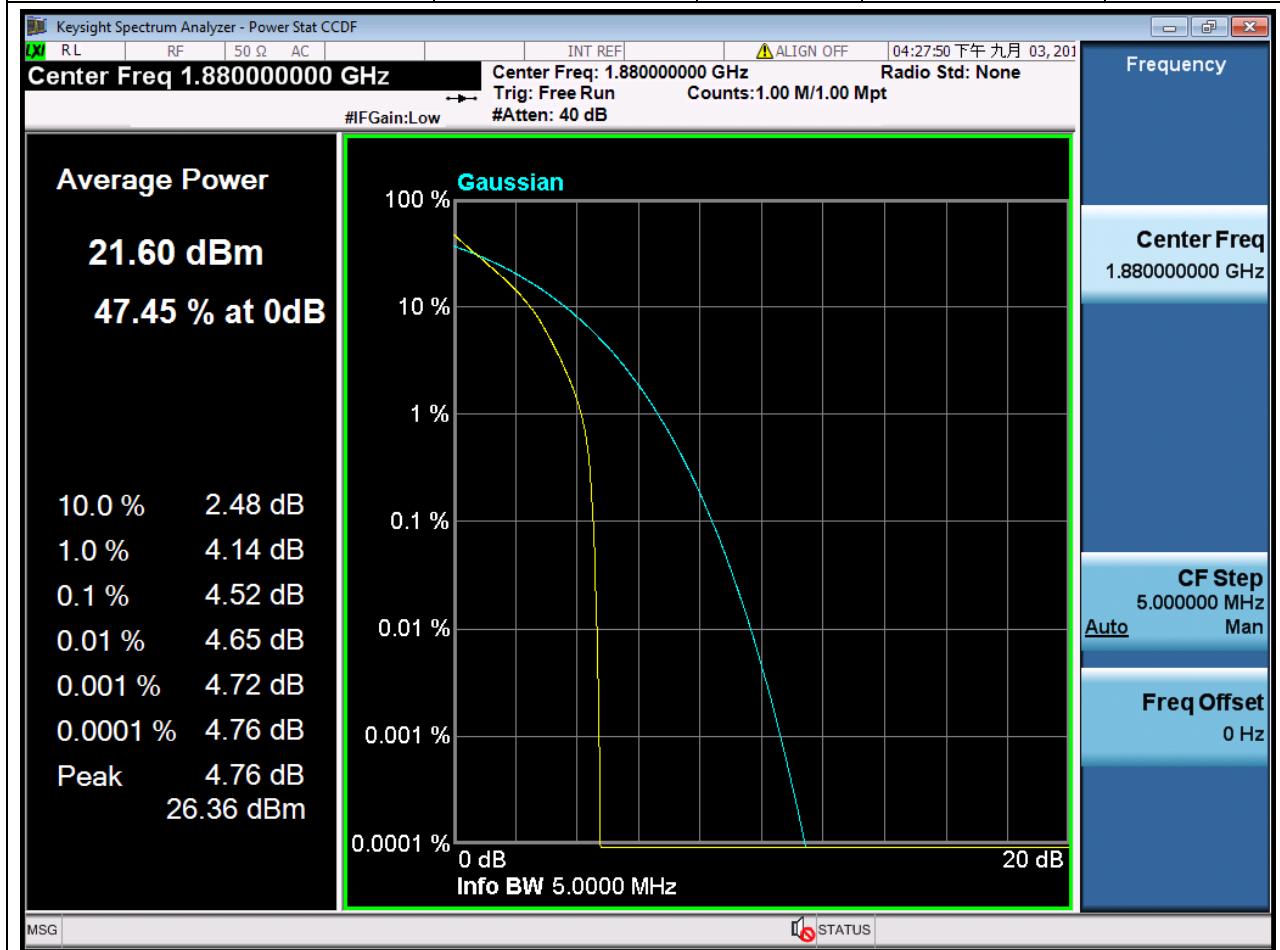
1.33. LTE Peak to Average Ratio(NTNV)(Subtest:33, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.46	13	Pass



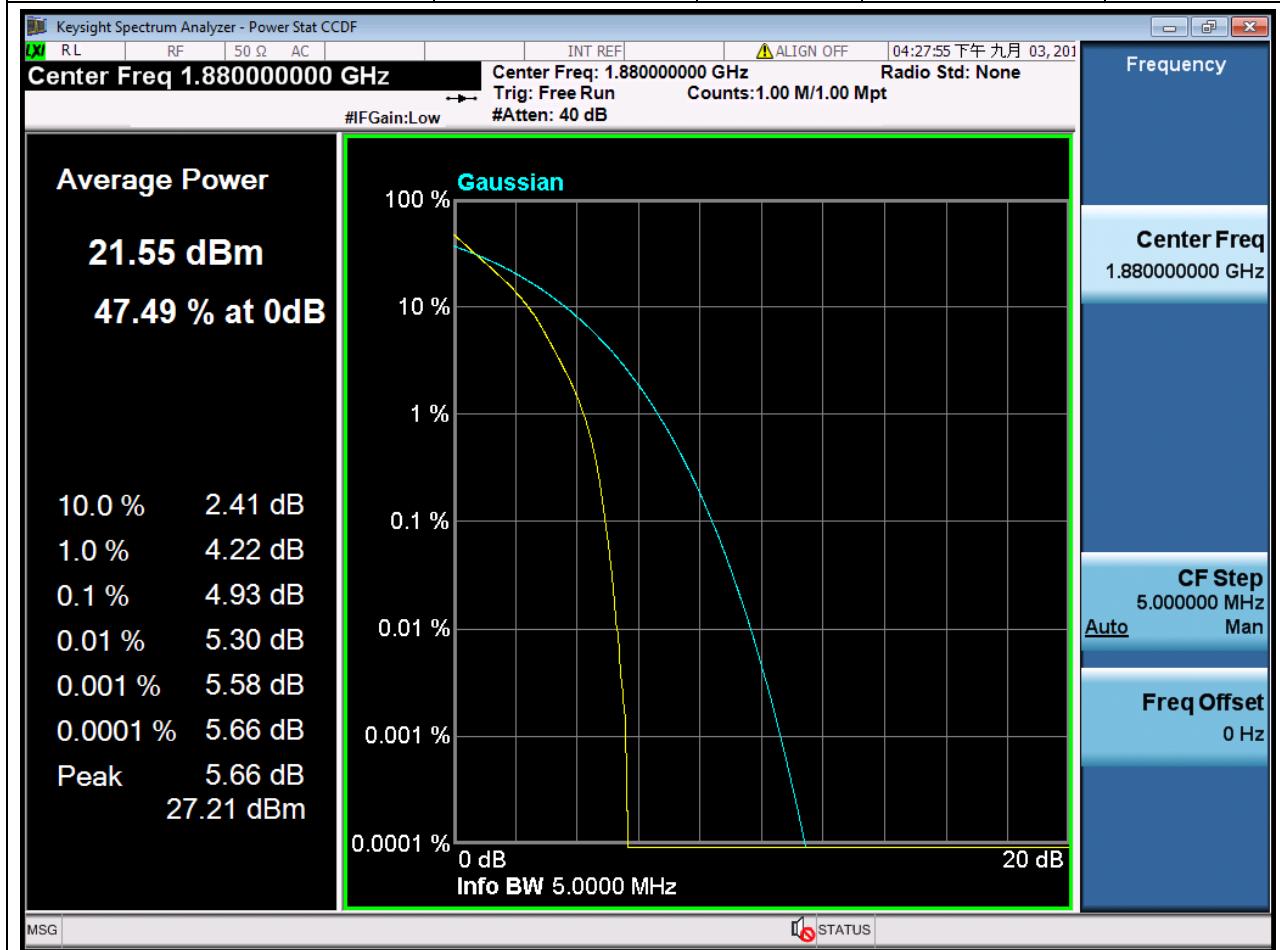
1.34. LTE Peak to Average Ratio(NTNV)(Subtest:34, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.52	13	Pass



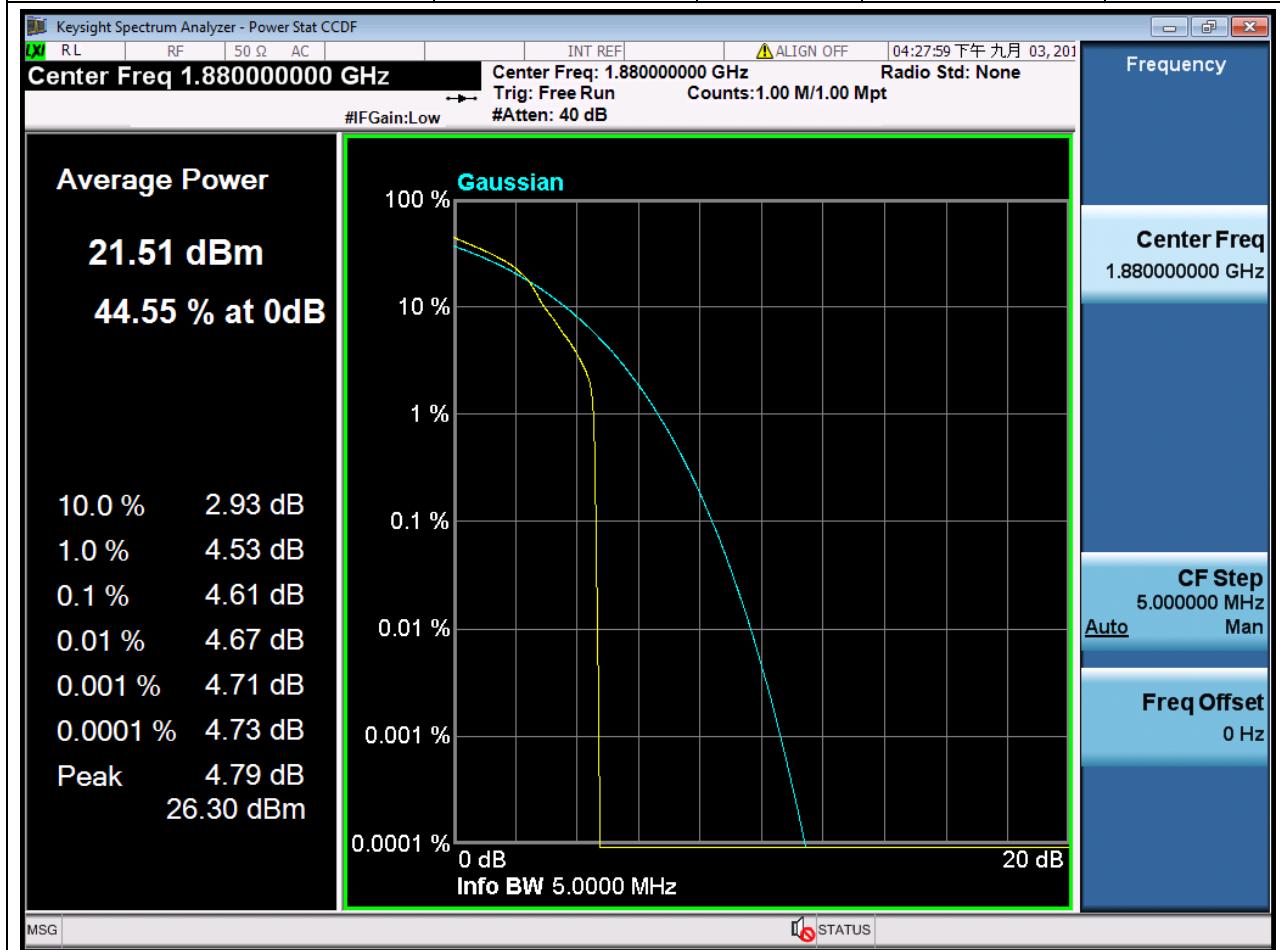
1.35. LTE Peak to Average Ratio(NTNV)(Subtest:35, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.92	13	Pass



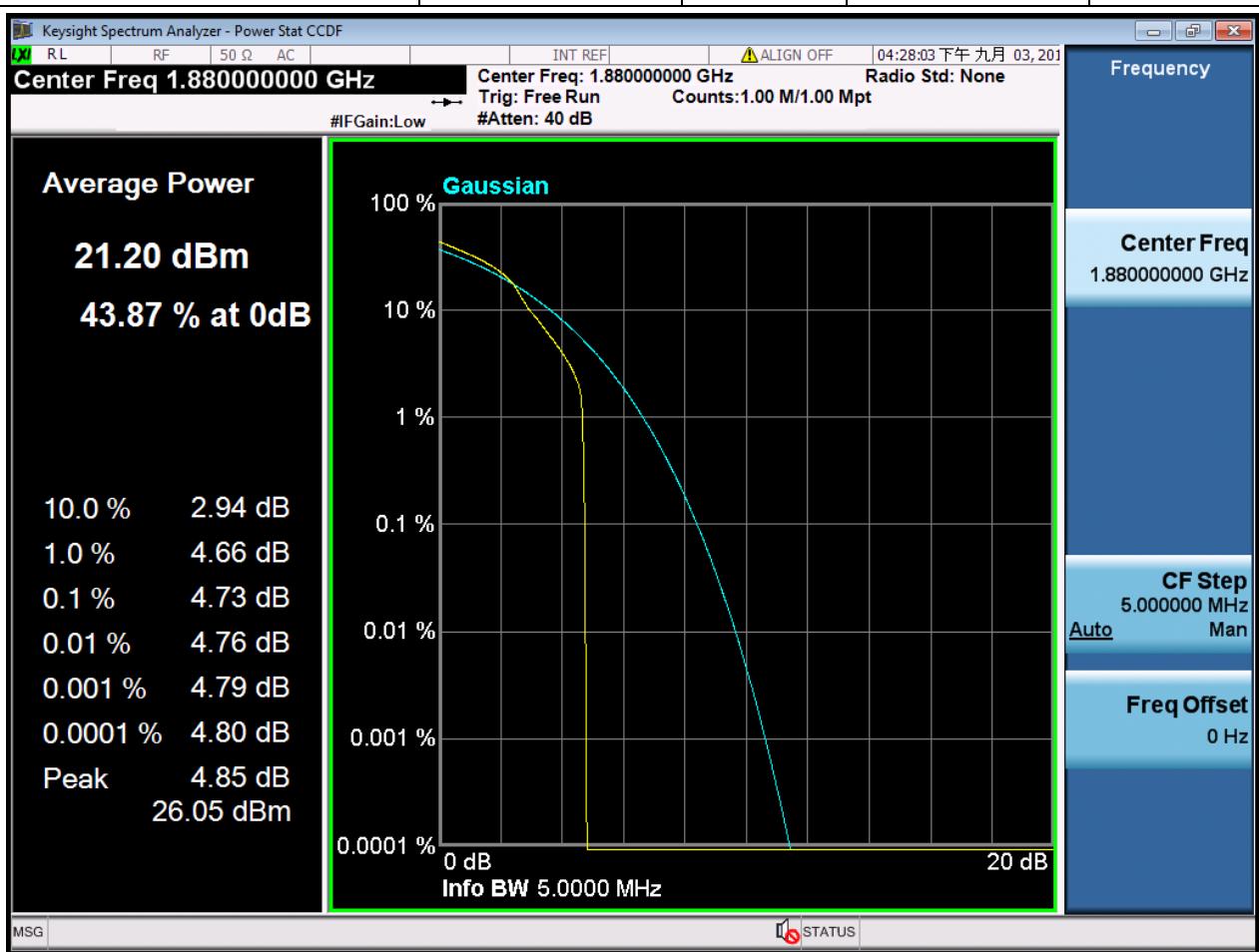
1.36. LTE Peak to Average Ratio(NTNV)(Subtest:36, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.61	13	Pass



1.37. LTE Peak to Average Ratio(NTNV)(Subtest:37, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.73	13	Pass



Average Power
21.20 dBm
43.87 % at 0dB

10.0 %	2.94 dB
1.0 %	4.66 dB
0.1 %	4.73 dB
0.01 %	4.76 dB
0.001 %	4.79 dB
0.0001 %	4.80 dB
Peak	4.85 dB
	26.05 dBm

Gaussian

Center Freq
1.880000000 GHz

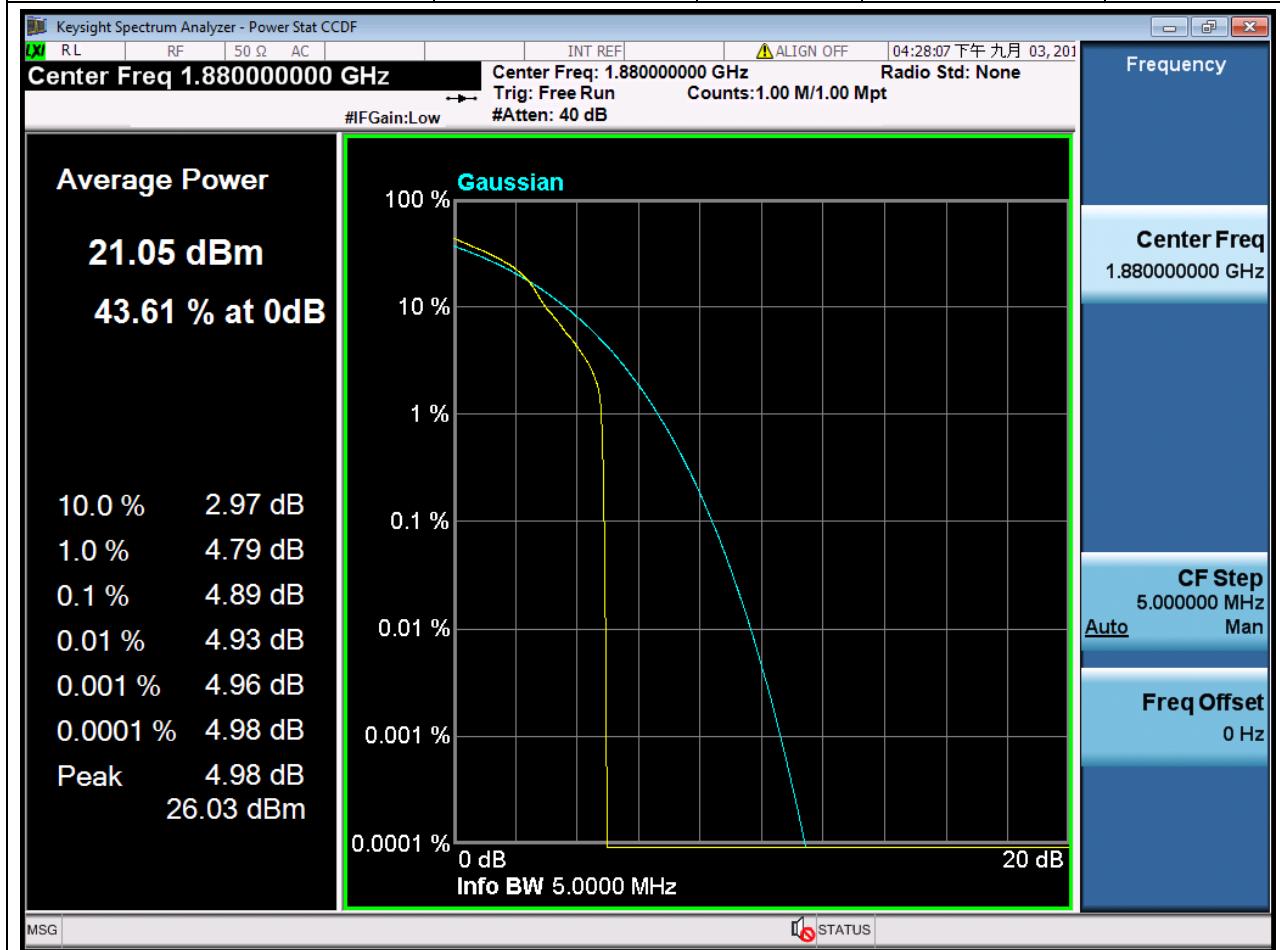
CF Step
5.000000 MHz

Freq Offset
0 Hz

Info BW 5.0000 MHz

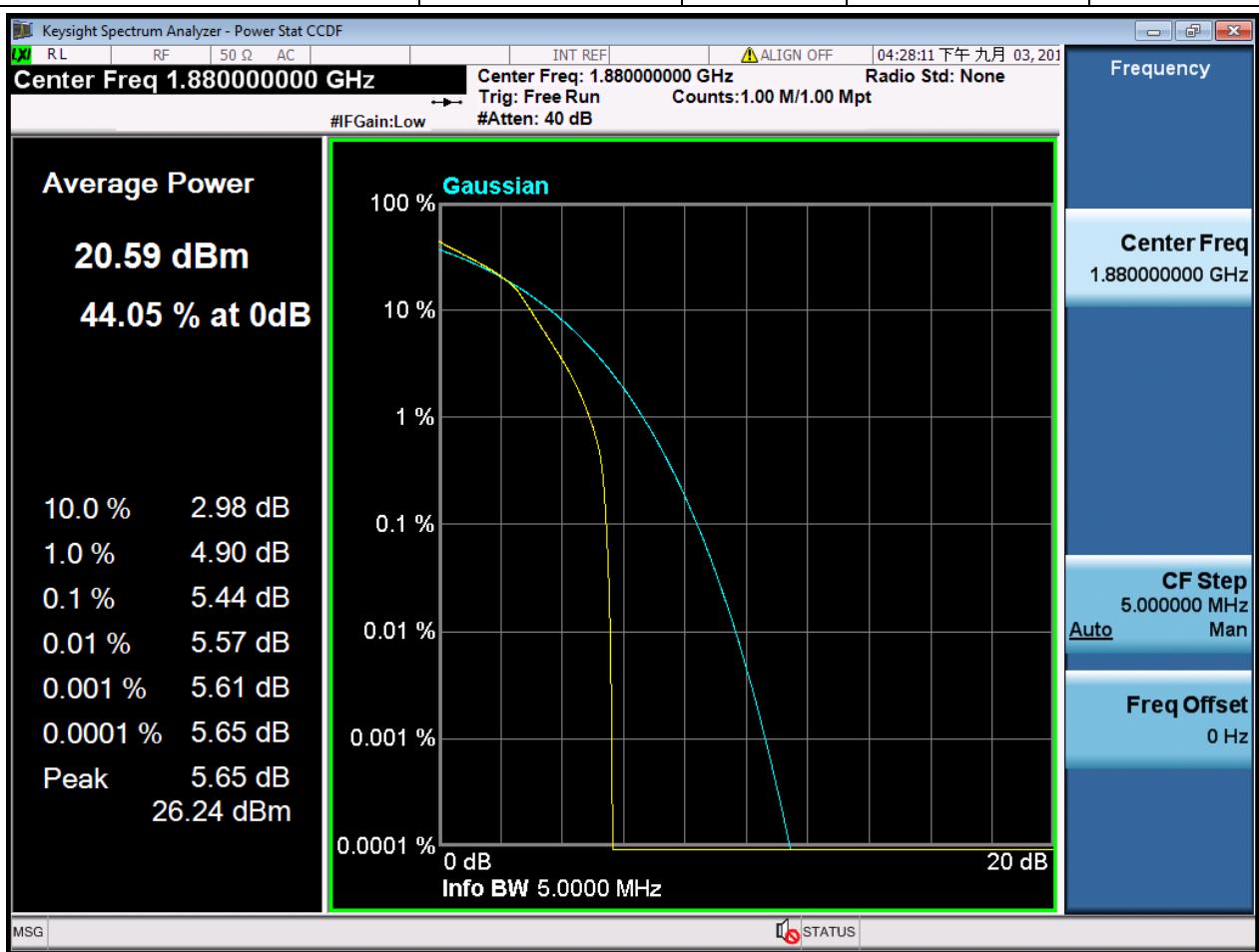
1.38. LTE Peak to Average Ratio(NTNV)(Subtest:38, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.89	13	Pass



1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.44	13	Pass



Average Power
20.59 dBm
44.05 % at 0dB

10.0 %	2.98 dB
1.0 %	4.90 dB
0.1 %	5.44 dB
0.01 %	5.57 dB
0.001 %	5.61 dB
0.0001 %	5.65 dB
Peak	5.65 dB
	26.24 dBm

Gaussian

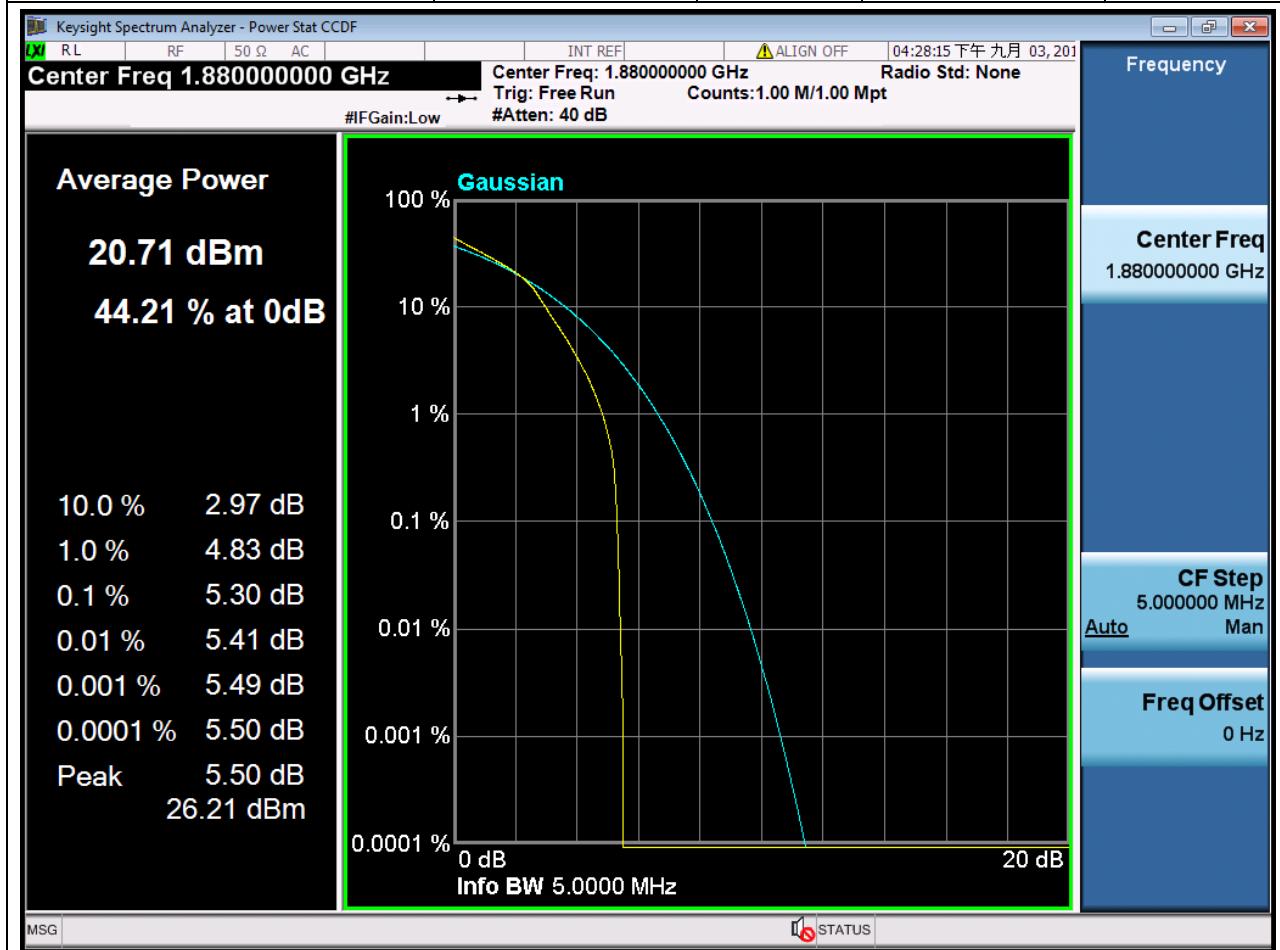
Center Freq 1.880000000 GHz
Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

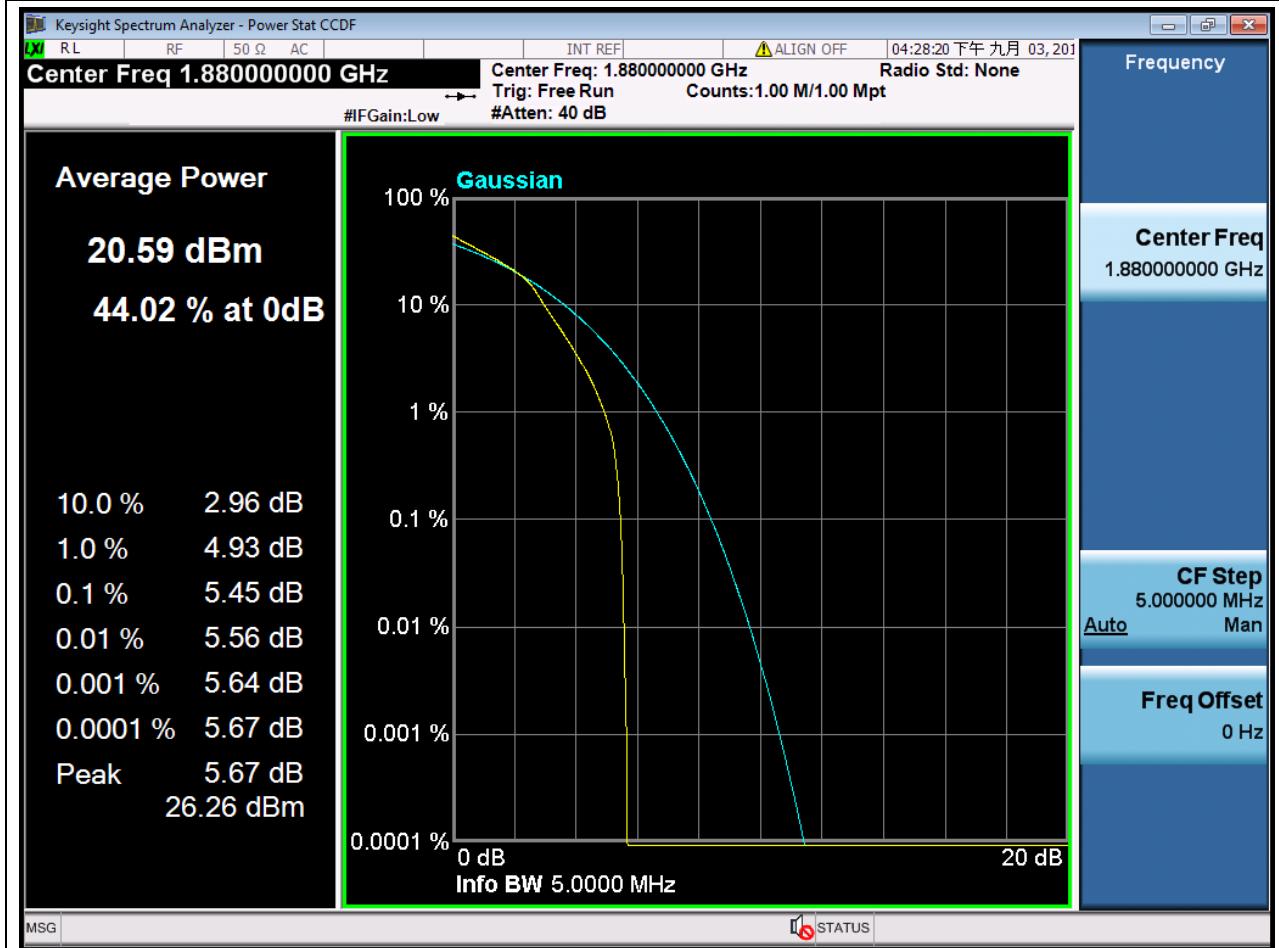
1.40. LTE Peak to Average Ratio(NTNV)(Subtest:40, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.3	13	Pass



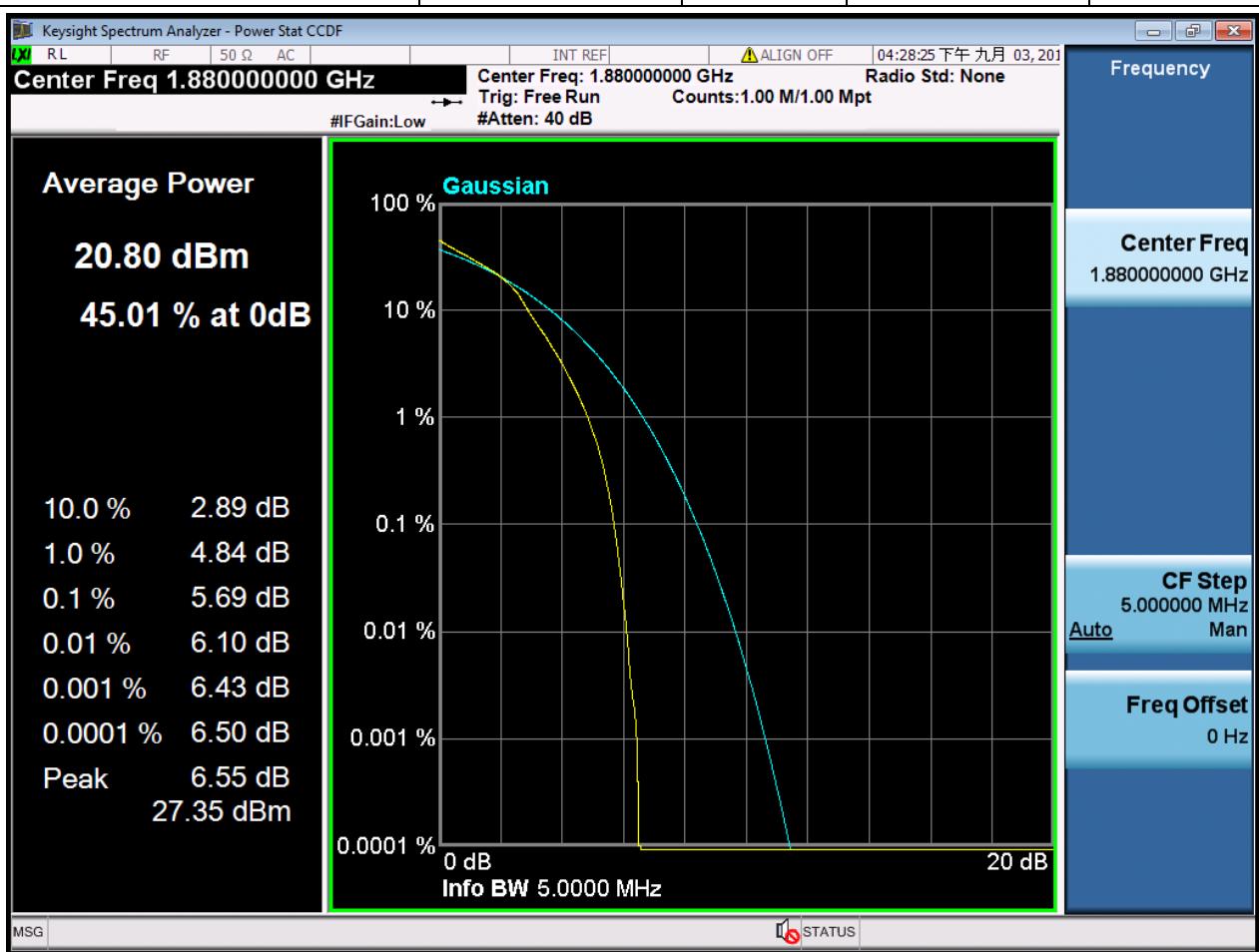
1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.45	13	Pass



1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

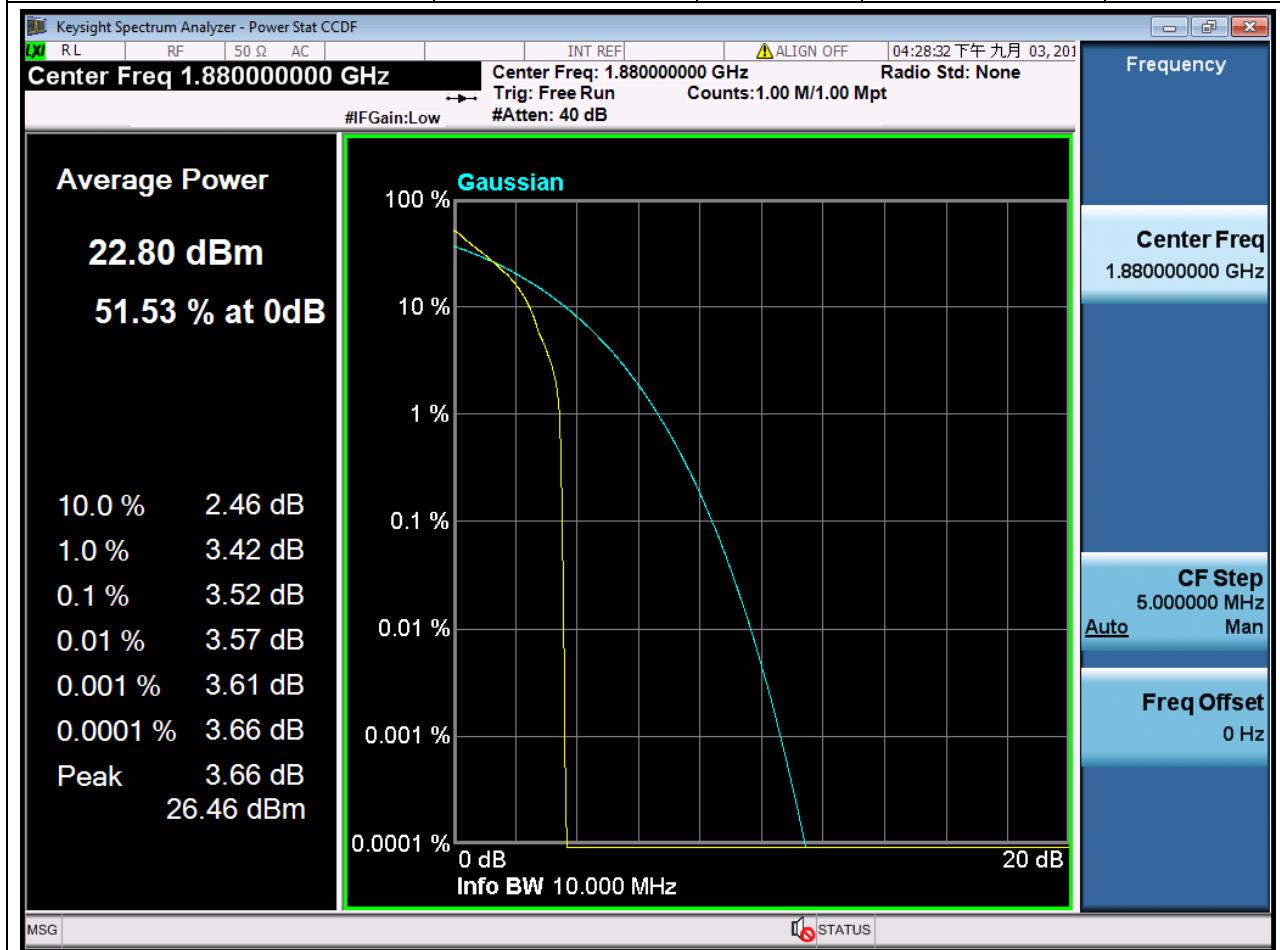
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.69	13	Pass



Average Power	
20.80 dBm	
45.01 % at 0dB	
10.0 %	2.89 dB
1.0 %	4.84 dB
0.1 %	5.69 dB
0.01 %	6.10 dB
0.001 %	6.43 dB
0.0001 %	6.50 dB
Peak	6.55 dB
	27.35 dBm

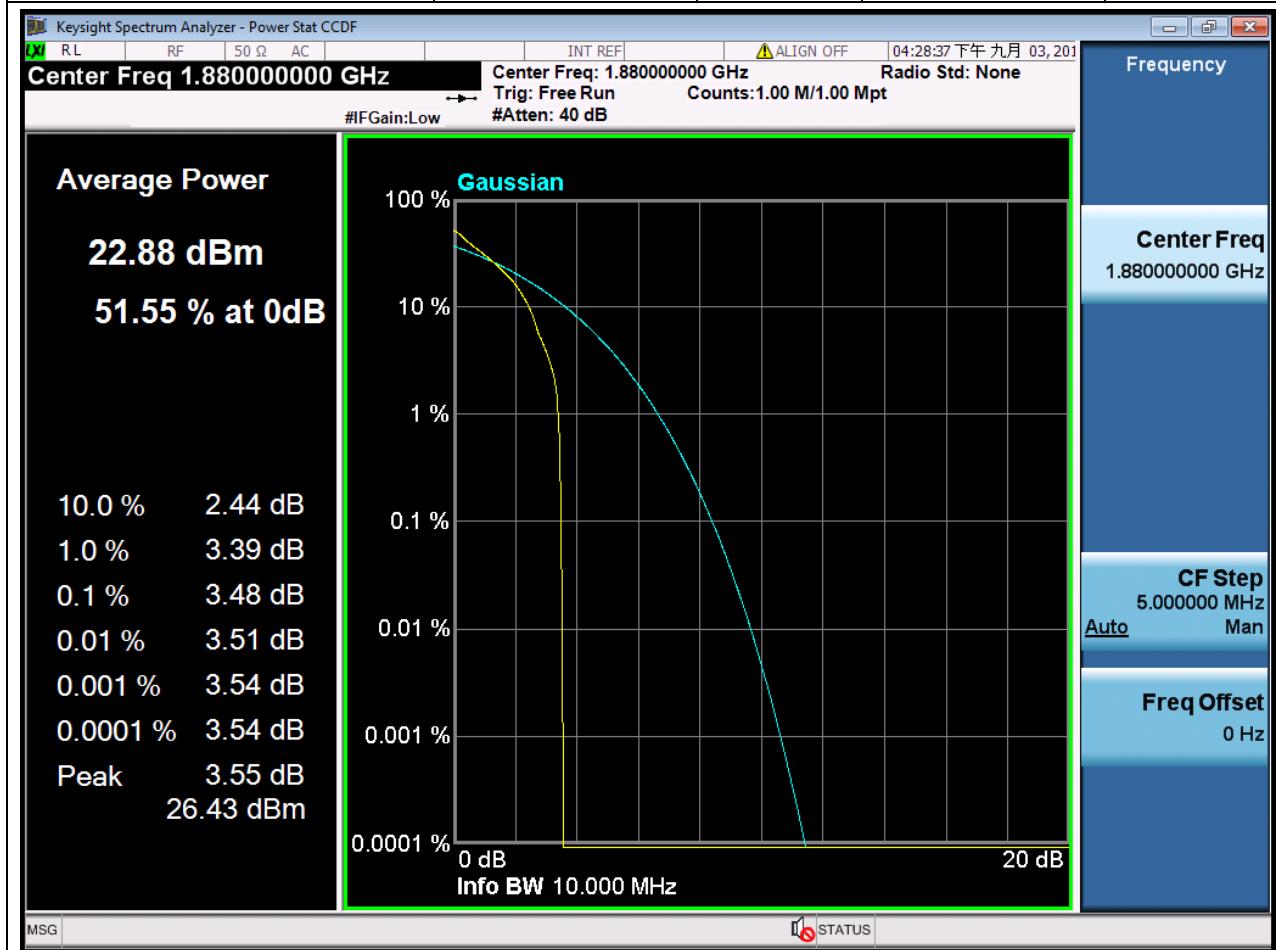
1.43. LTE Peak to Average Ratio(NTNV)(Subtest:43, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.52	13	Pass



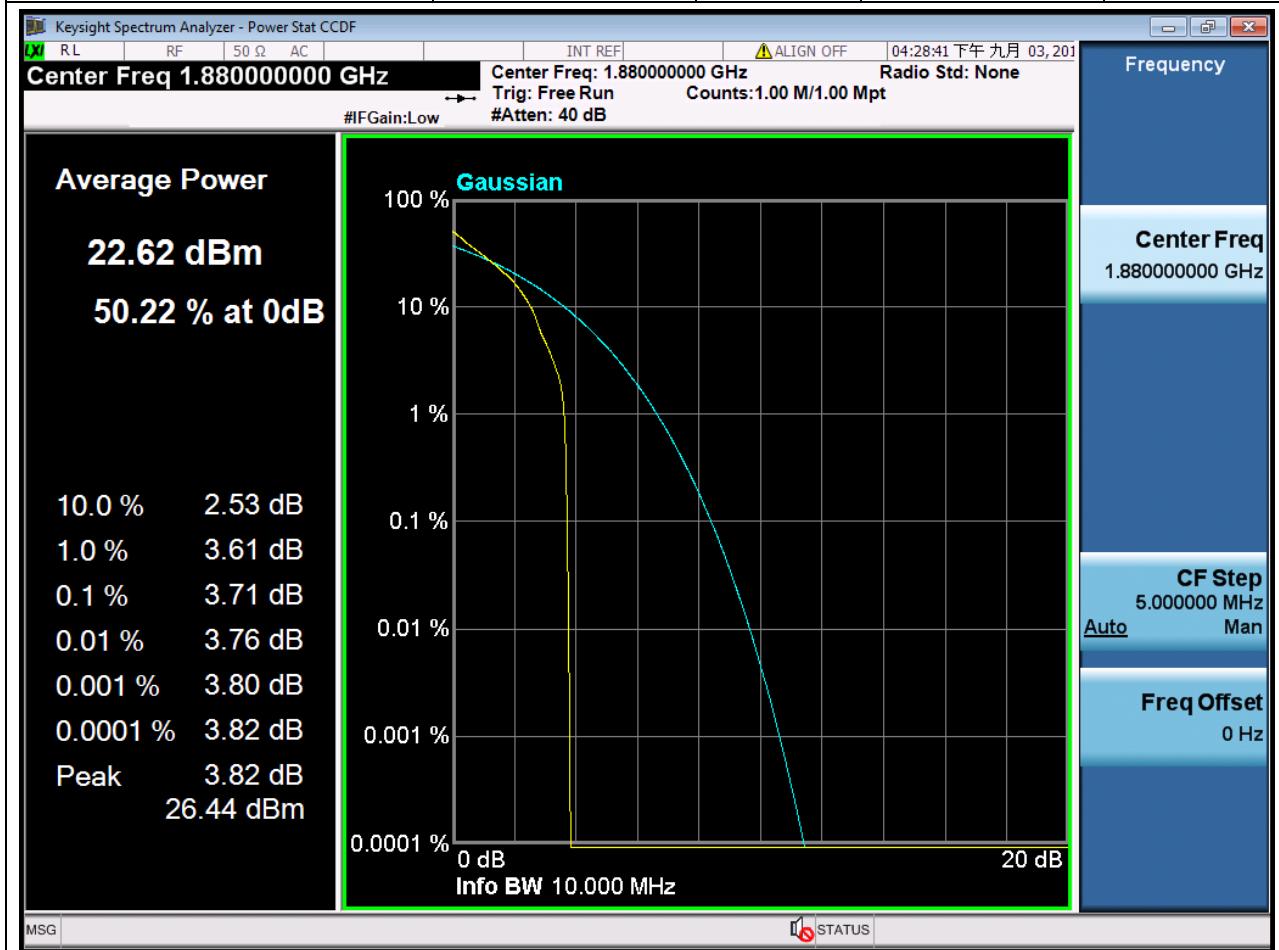
1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.48	13	Pass



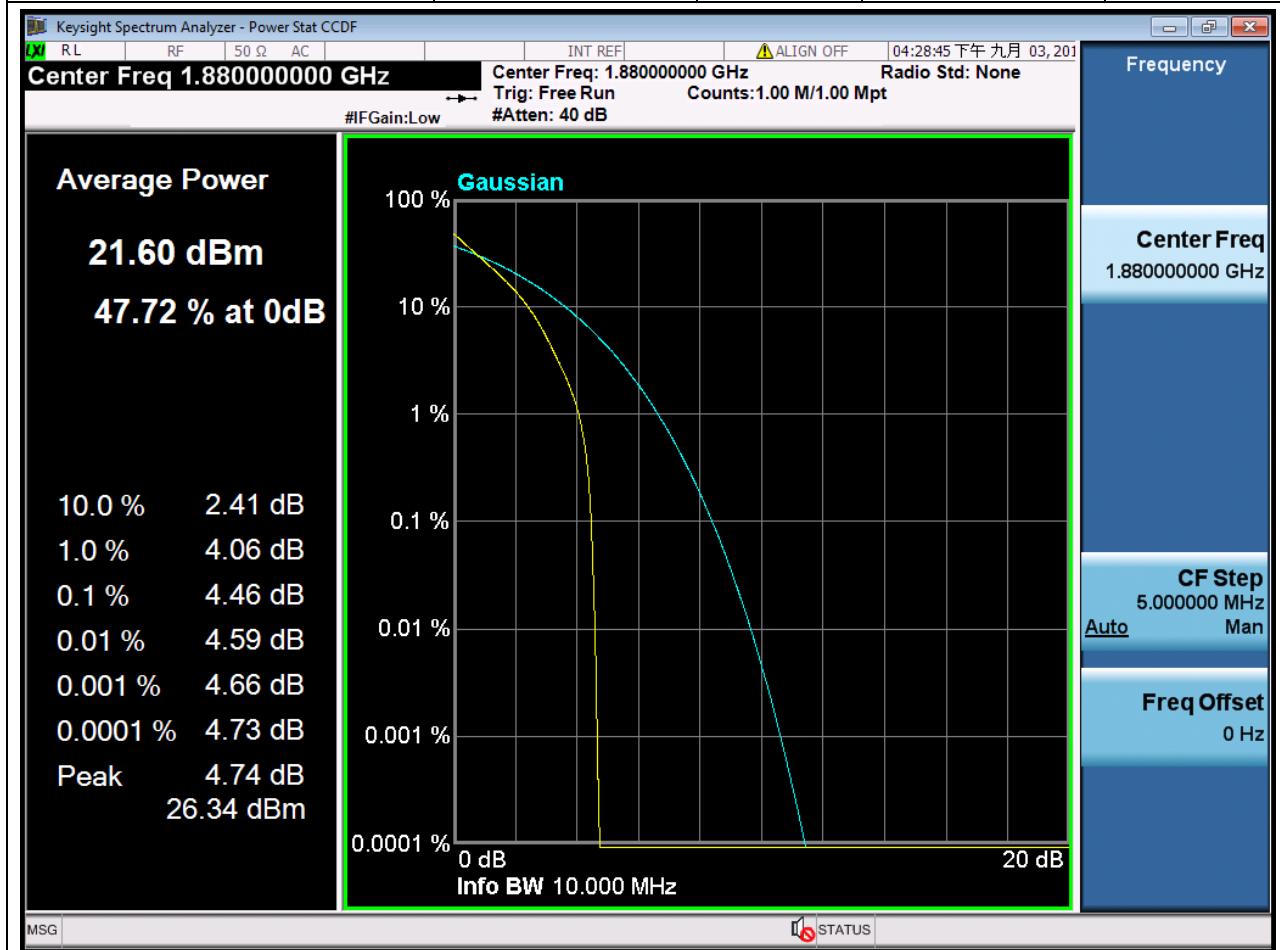
1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.71	13	Pass



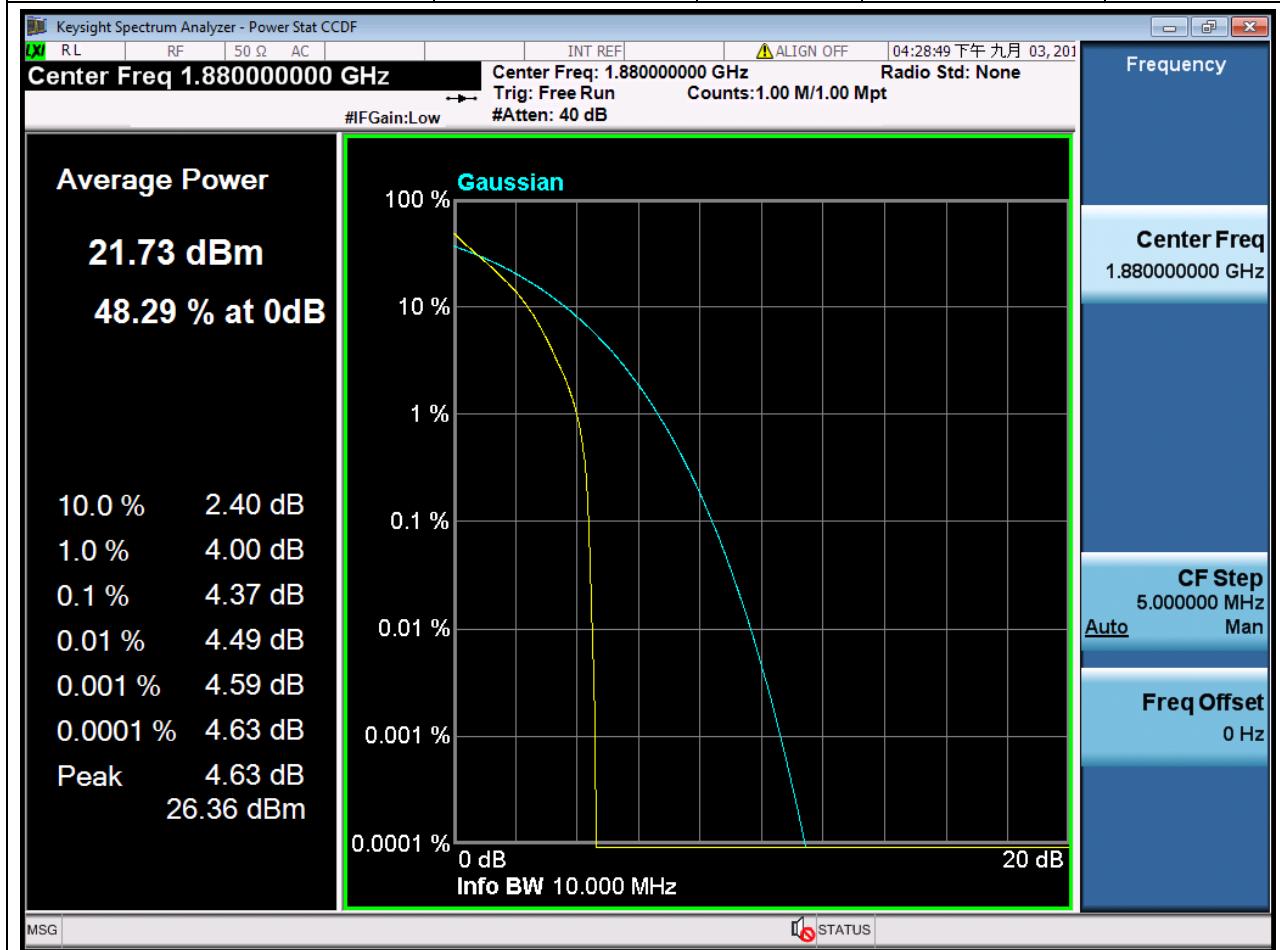
1.46. LTE Peak to Average Ratio(NTNV)(Subtest:46, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.46	13	Pass



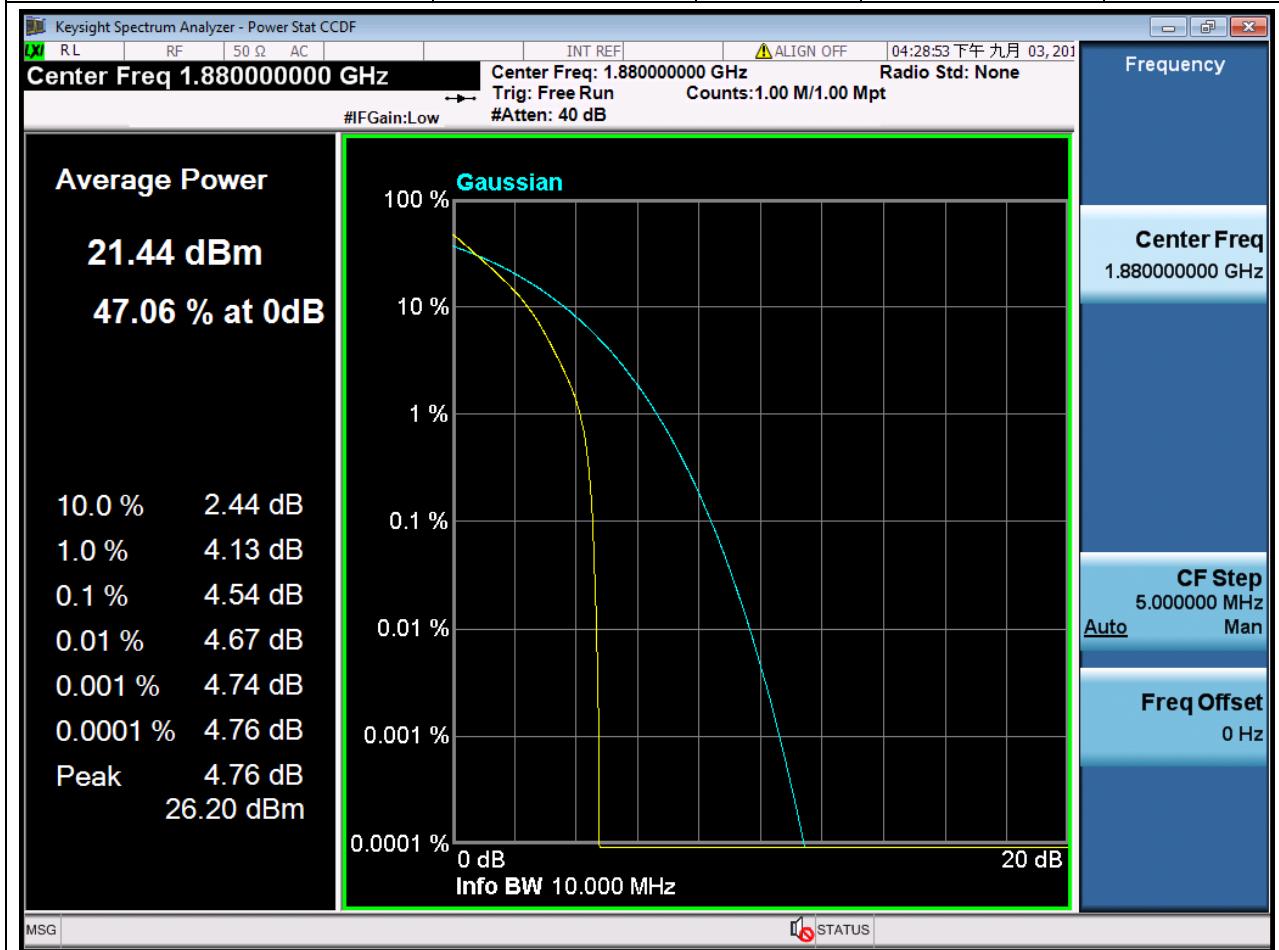
1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.37	13	Pass



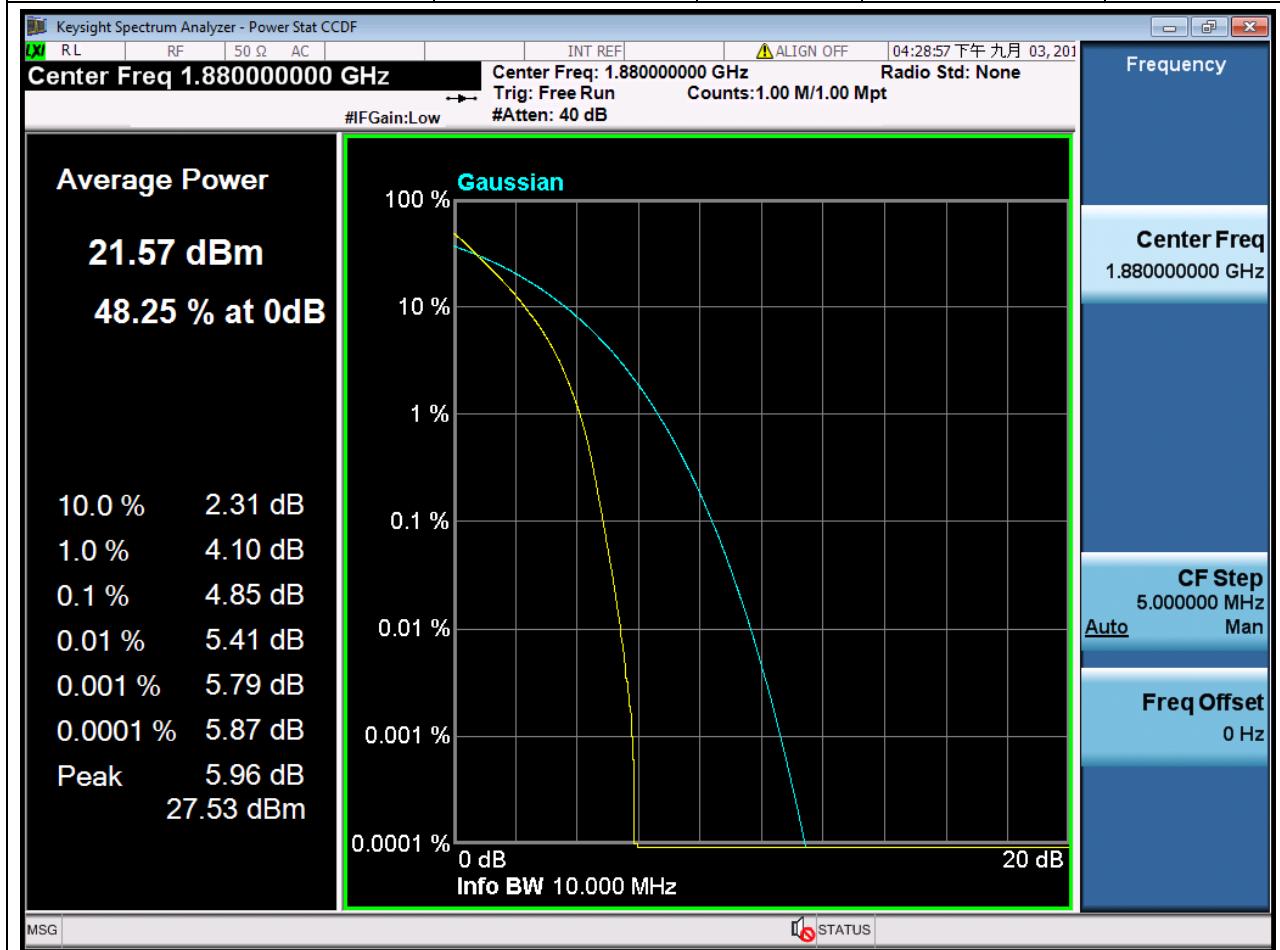
1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.54	13	Pass



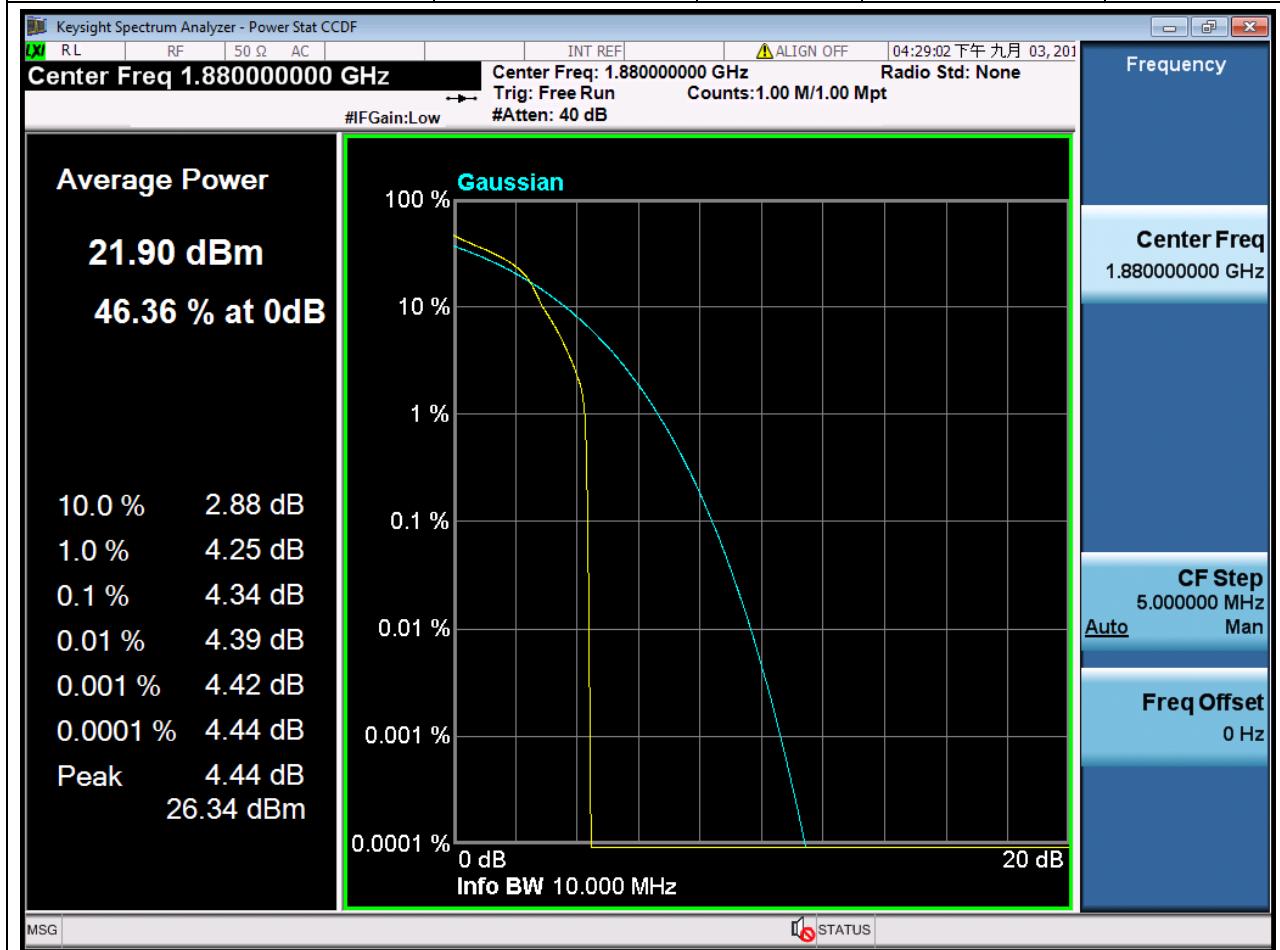
1.49. LTE Peak to Average Ratio(NTNV)(Subtest:49, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.85	13	Pass



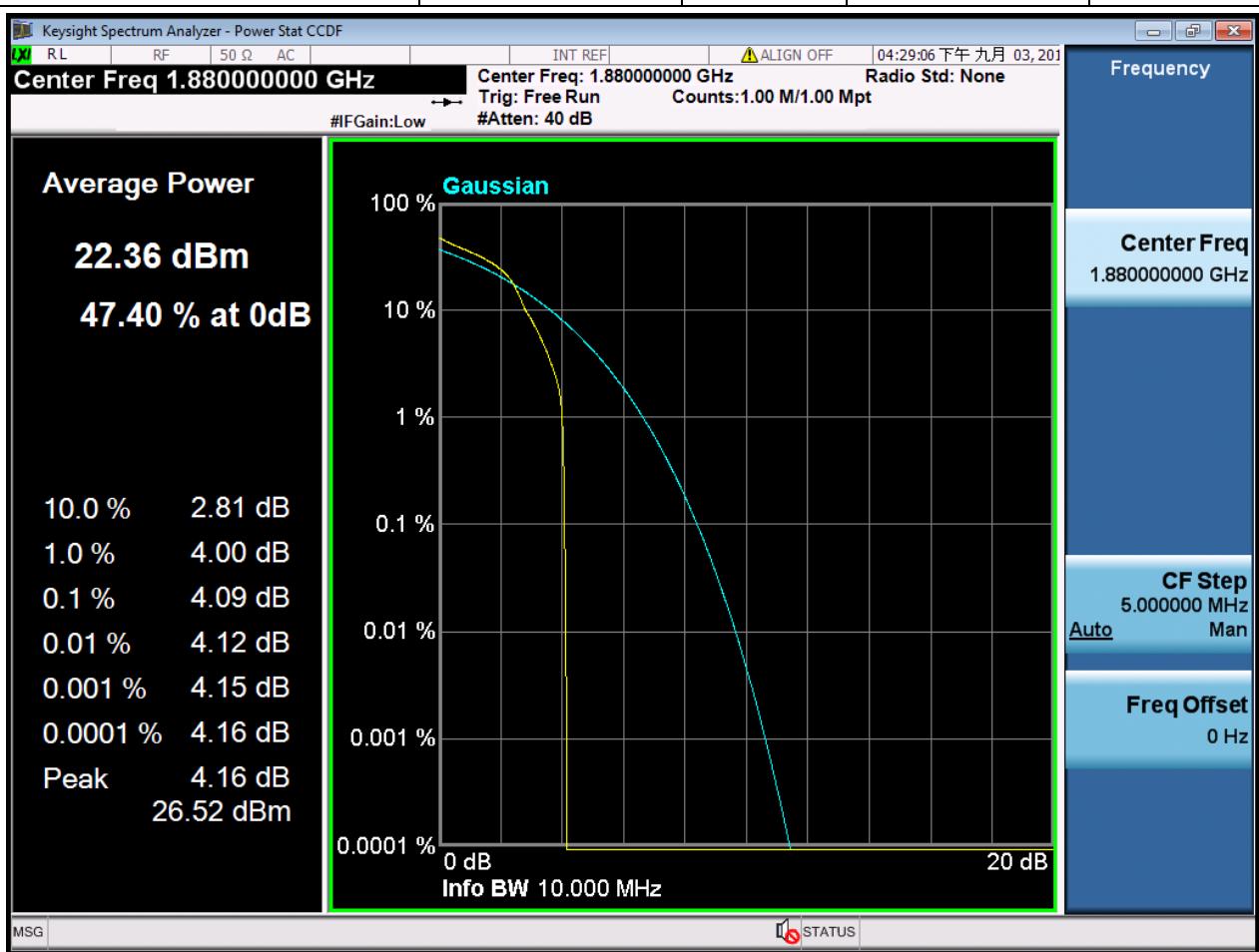
1.50. LTE Peak to Average Ratio(NTNV)(Subtest:50, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.34	13	Pass



1.51. LTE Peak to Average Ratio(NTNV)(Subtest:51, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.09	13	Pass



Average Power
22.36 dBm
47.40 % at 0dB

10.0 %	2.81 dB
1.0 %	4.00 dB
0.1 %	4.09 dB
0.01 %	4.12 dB
0.001 %	4.15 dB
0.0001 %	4.16 dB
Peak	4.16 dB
	26.52 dBm

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz
Trig: Free Run Radio Std: None
Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Gaussian

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

0 dB 20 dB

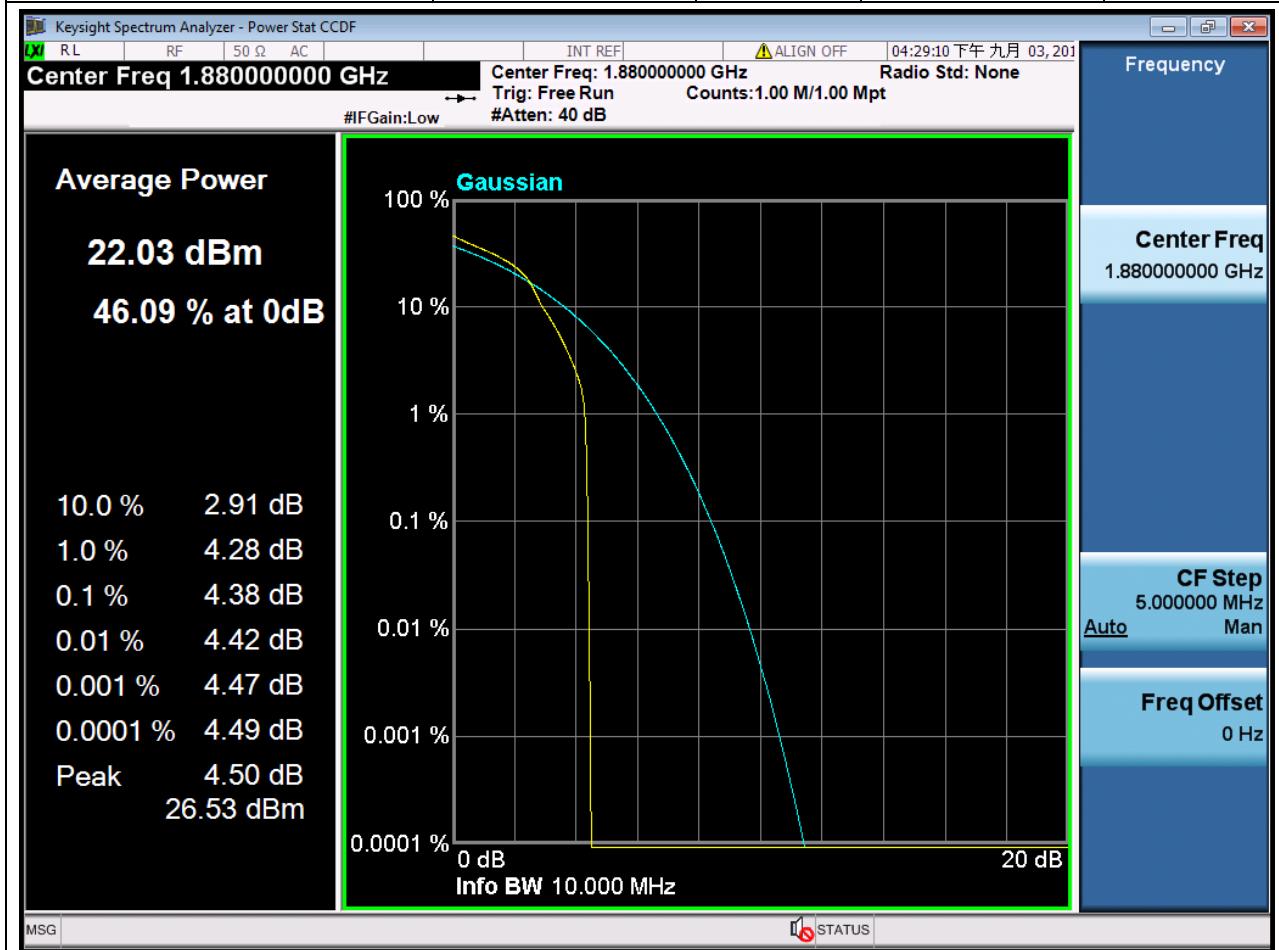
Info BW 10.000 MHz

MSG STATUS

Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

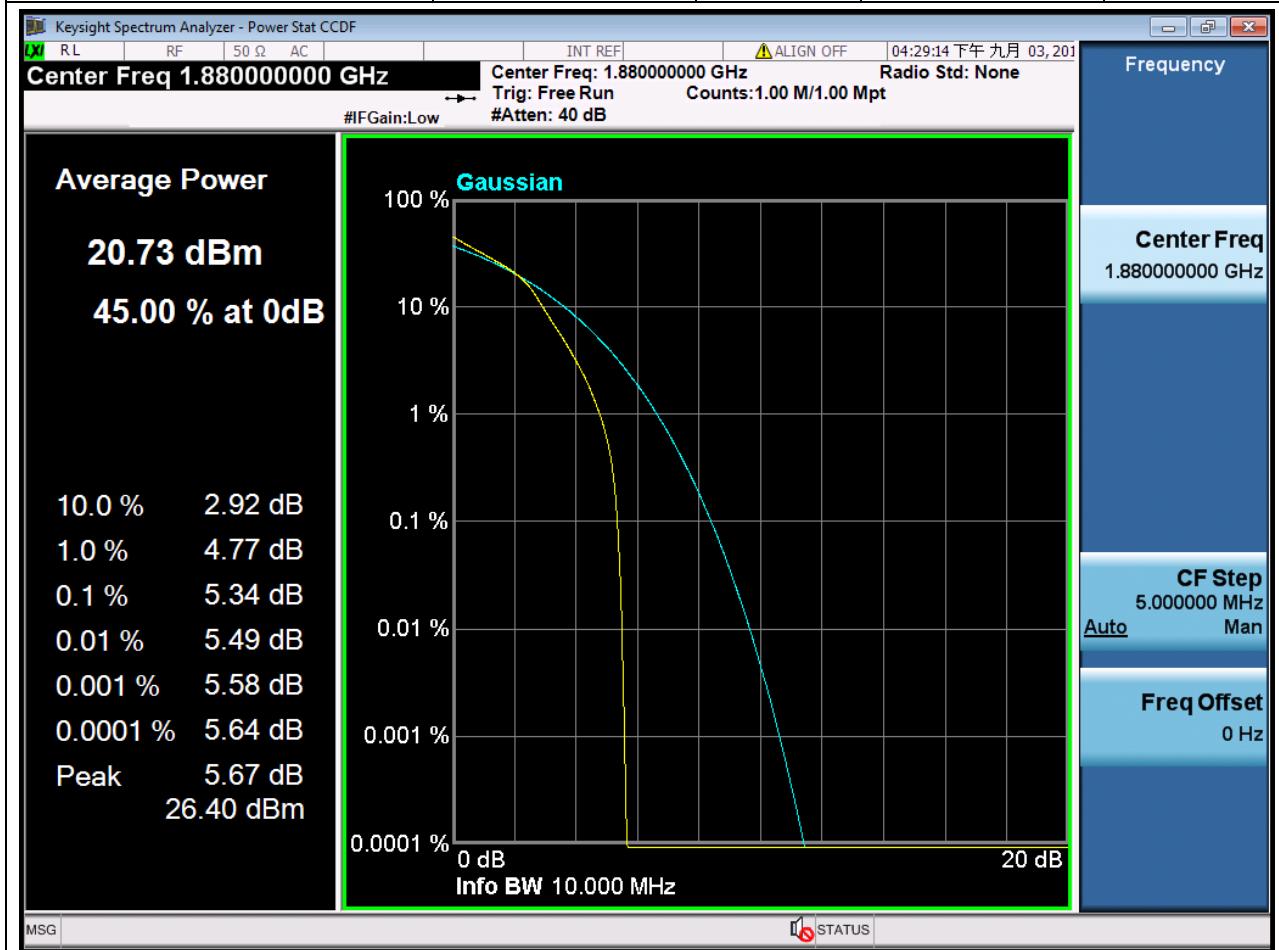
1.52. LTE Peak to Average Ratio(NTNV)(Subtest:52, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.38	13	Pass



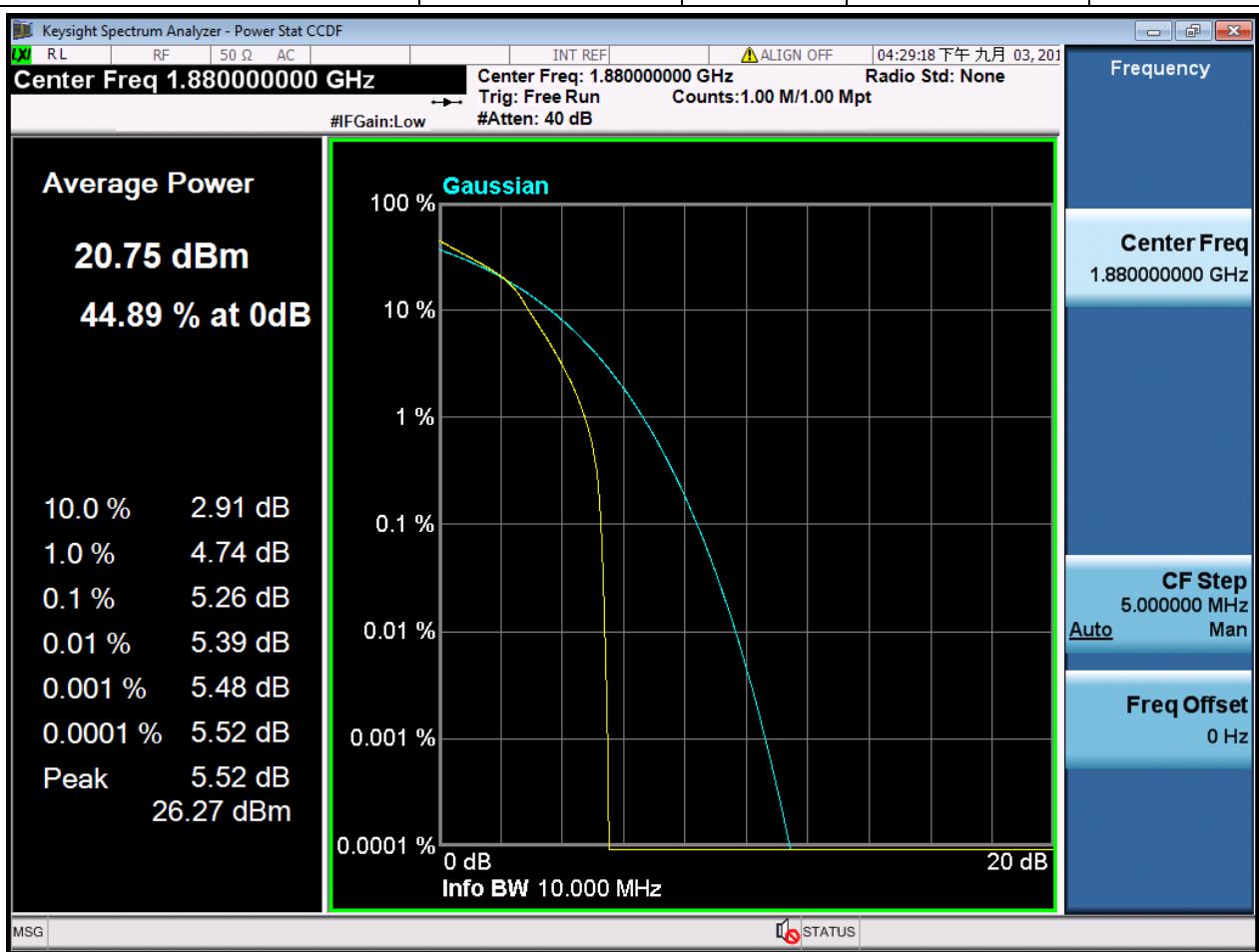
1.53. LTE Peak to Average Ratio(NTNV)(Subtest:53, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.34	13	Pass



1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.26	13	Pass



Average Power
20.75 dBm
44.89 % at 0dB

10.0 %	2.91 dB
1.0 %	4.74 dB
0.1 %	5.26 dB
0.01 %	5.39 dB
0.001 %	5.48 dB
0.0001 %	5.52 dB
Peak	5.52 dB
	26.27 dBm

Gaussian
Info BW 10.000 MHz

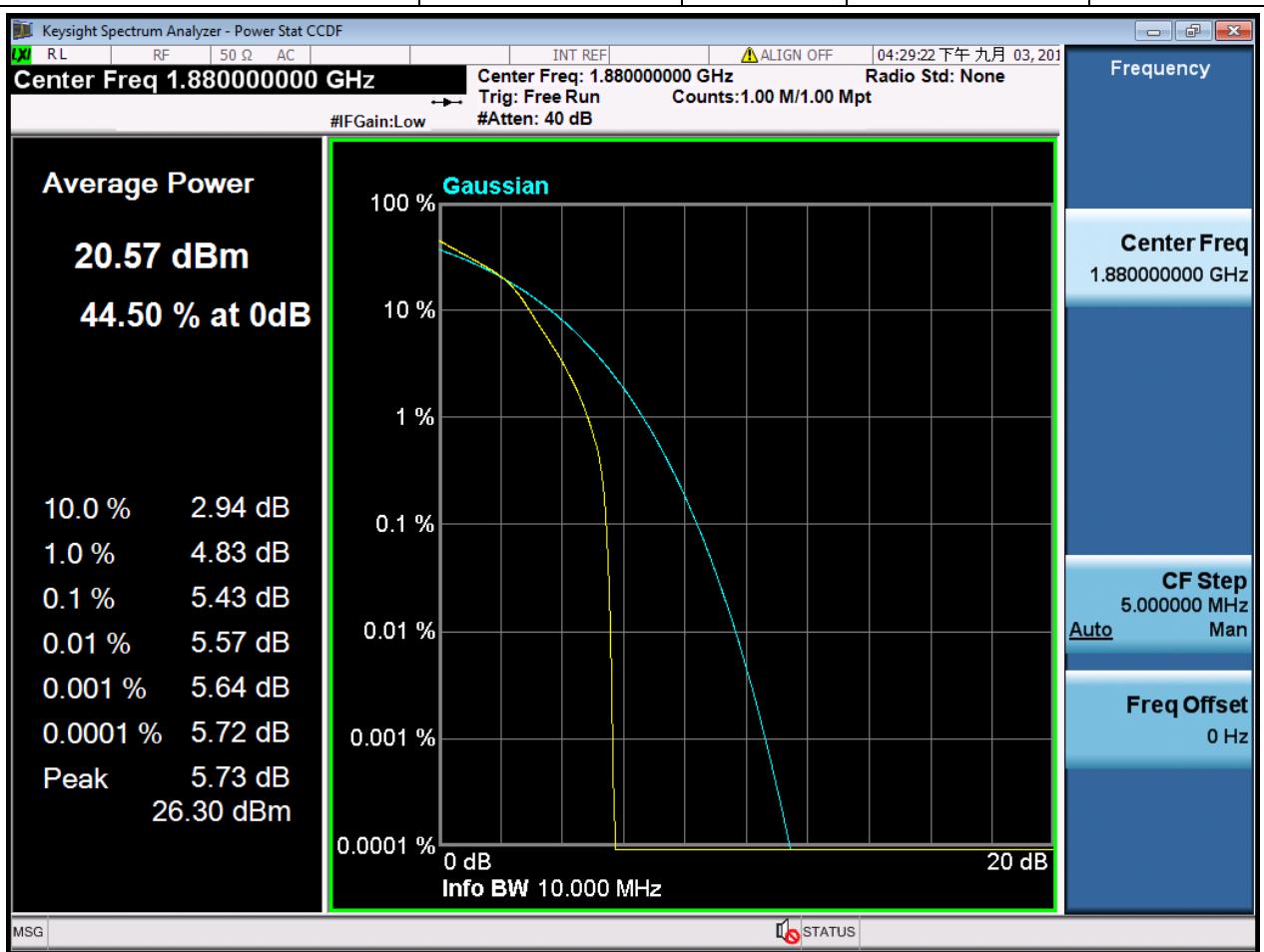
Center Freq 1.880000000 GHz
Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

1.55. LTE Peak to Average Ratio(NTNV)(Subtest:55, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.43	13	Pass



Average Power
20.57 dBm
44.50 % at 0dB

10.0 %	2.94 dB
1.0 %	4.83 dB
0.1 %	5.43 dB
0.01 %	5.57 dB
0.001 %	5.64 dB
0.0001 %	5.72 dB
Peak	5.73 dB
	26.30 dBm

Center Freq
1.880000000 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

MSG STATUS

1.56. LTE Peak to Average Ratio(NTNV)(Subtest:56, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.68	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

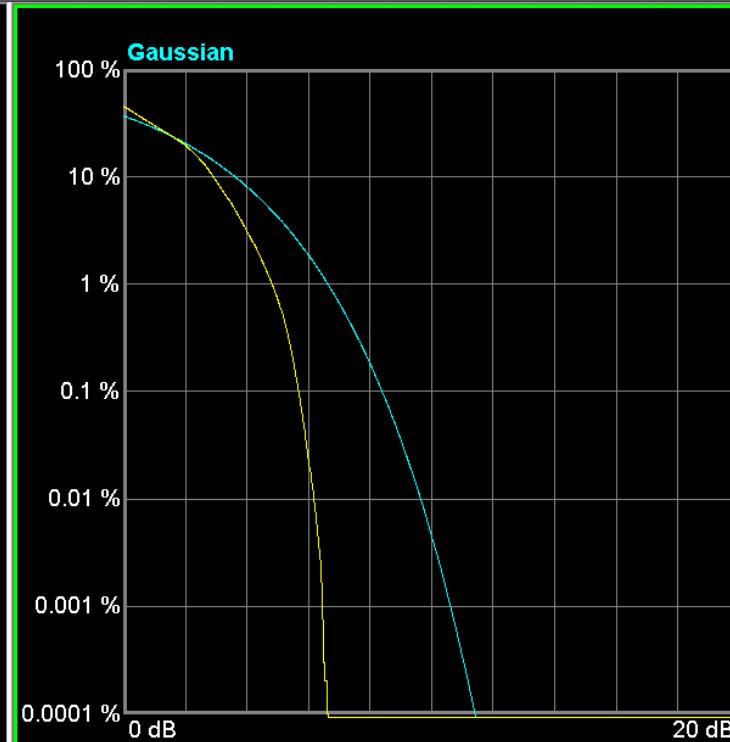
RL RF 50 Ω AC INT REF ALIGN OFF 04:29:27 下午 九月 03, 201

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
20.57 dBm
45.25 % at 0dB

10.0 % 2.91 dB
1.0 % 4.82 dB
0.1 % 5.68 dB
0.01 % 6.18 dB
0.001 % 6.44 dB
0.0001 % 6.60 dB
Peak 6.65 dB
27.22 dBm

Gaussian



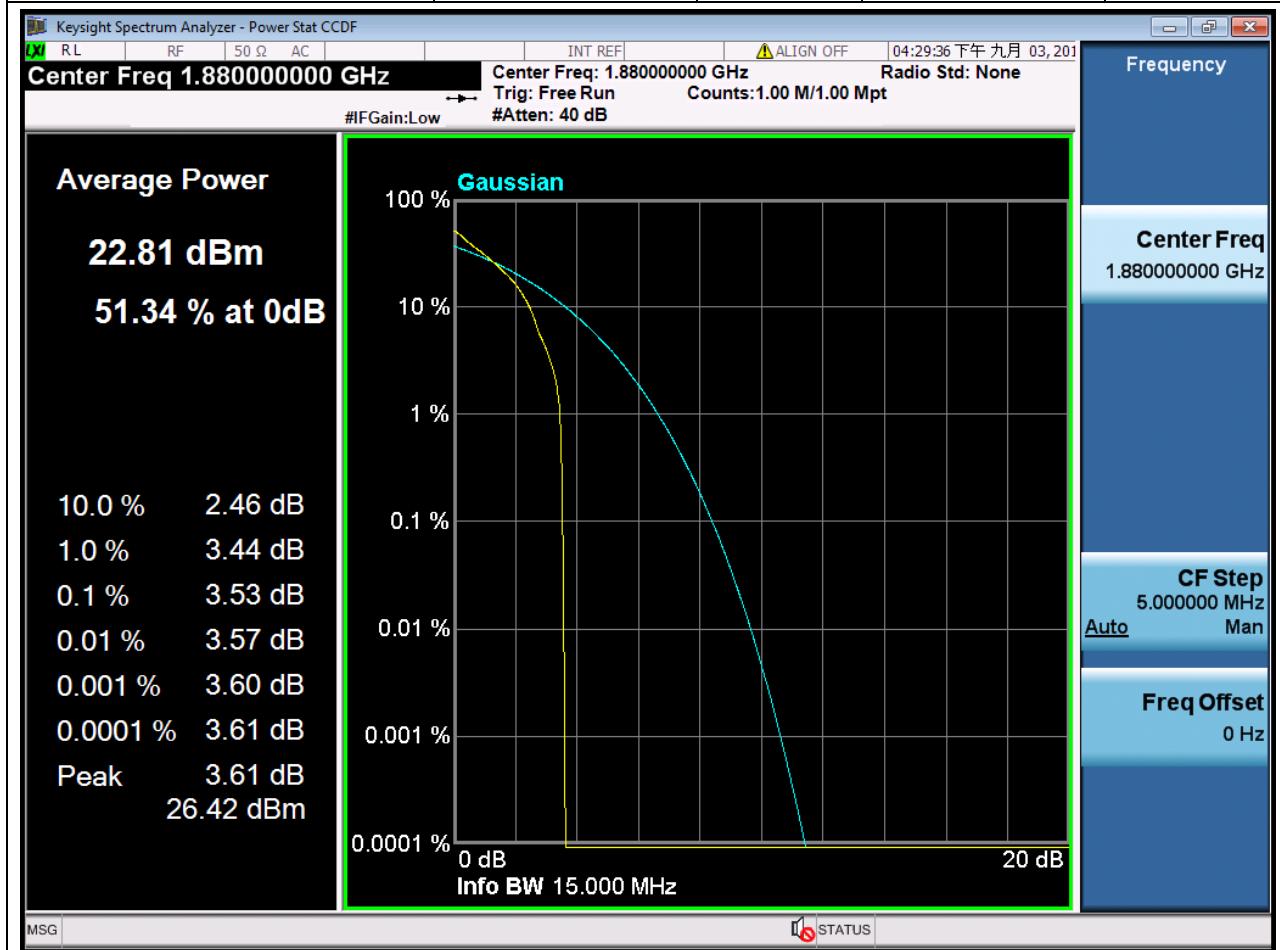
0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

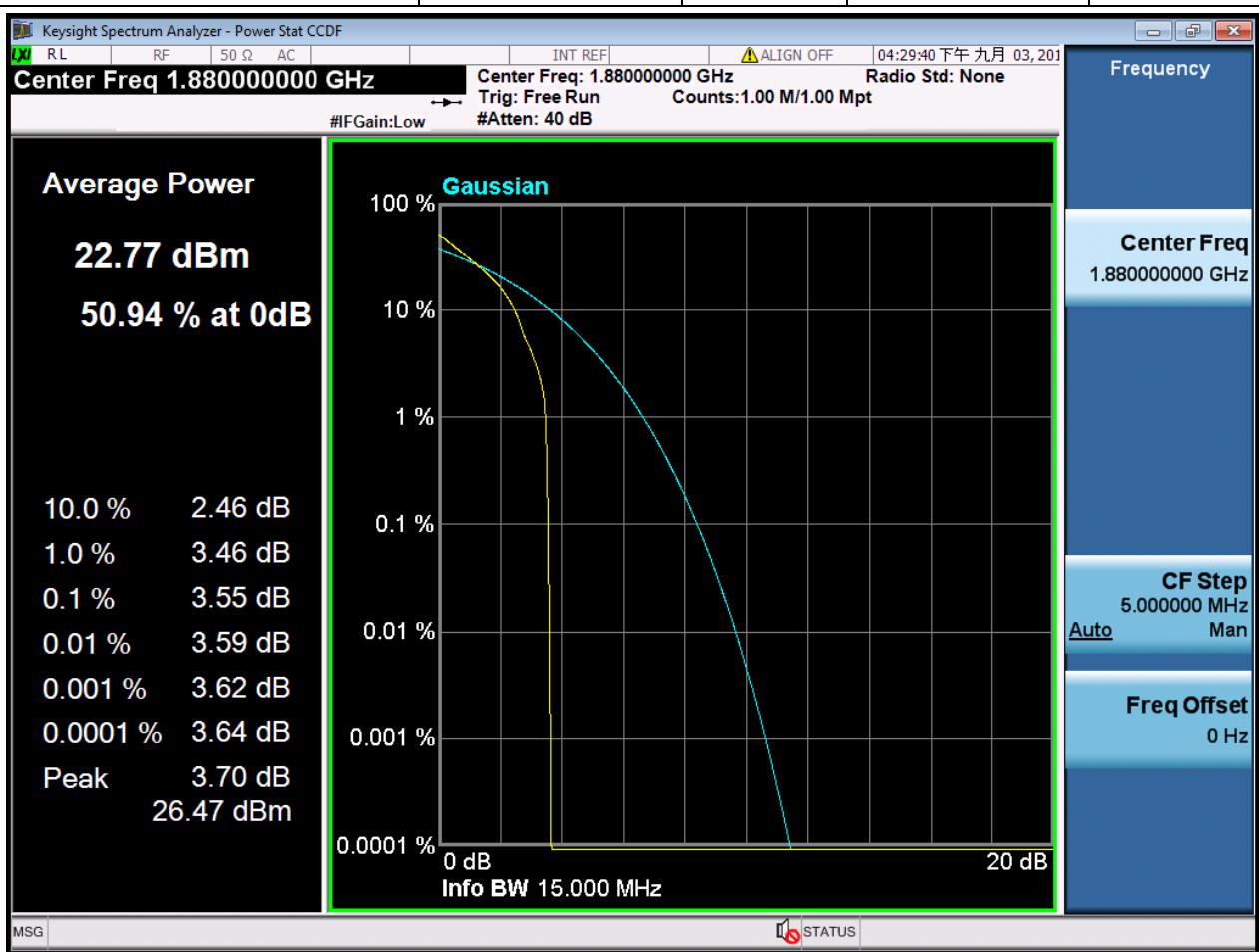
1.57. LTE Peak to Average Ratio(NTNV)(Subtest:57, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.53	13	Pass



1.58. LTE Peak to Average Ratio(NTNV)(Subtest:58, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.55	13	Pass



Average Power
22.77 dBm
50.94 % at 0dB

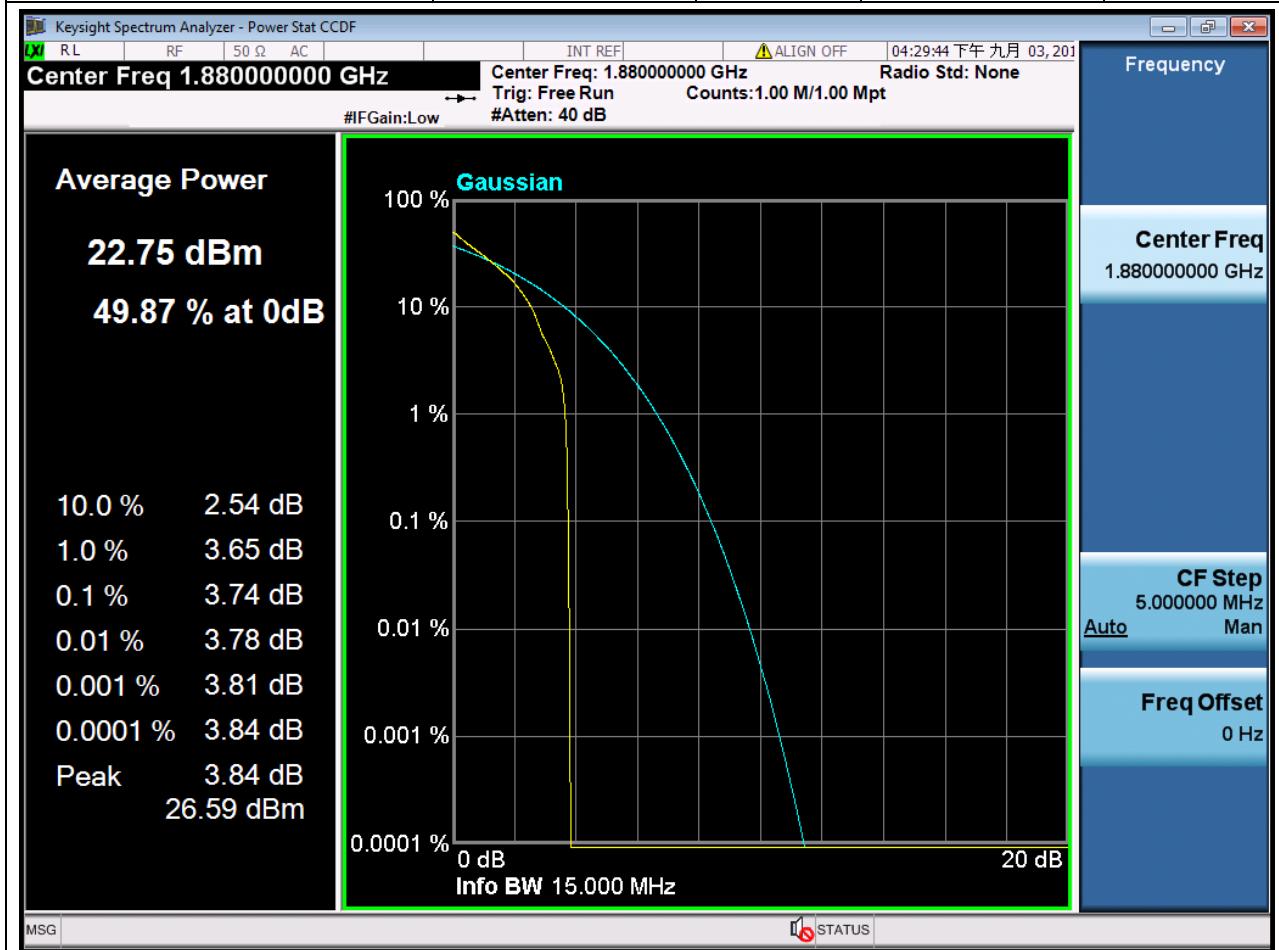
10.0 %	2.46 dB
1.0 %	3.46 dB
0.1 %	3.55 dB
0.01 %	3.59 dB
0.001 %	3.62 dB
0.0001 %	3.64 dB
Peak	3.70 dB
	26.47 dBm

Center Freq: 1.880000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq: 1.880000000 GHz
CF Step: 5.000000 MHz
Auto Man
Freq Offset: 0 Hz

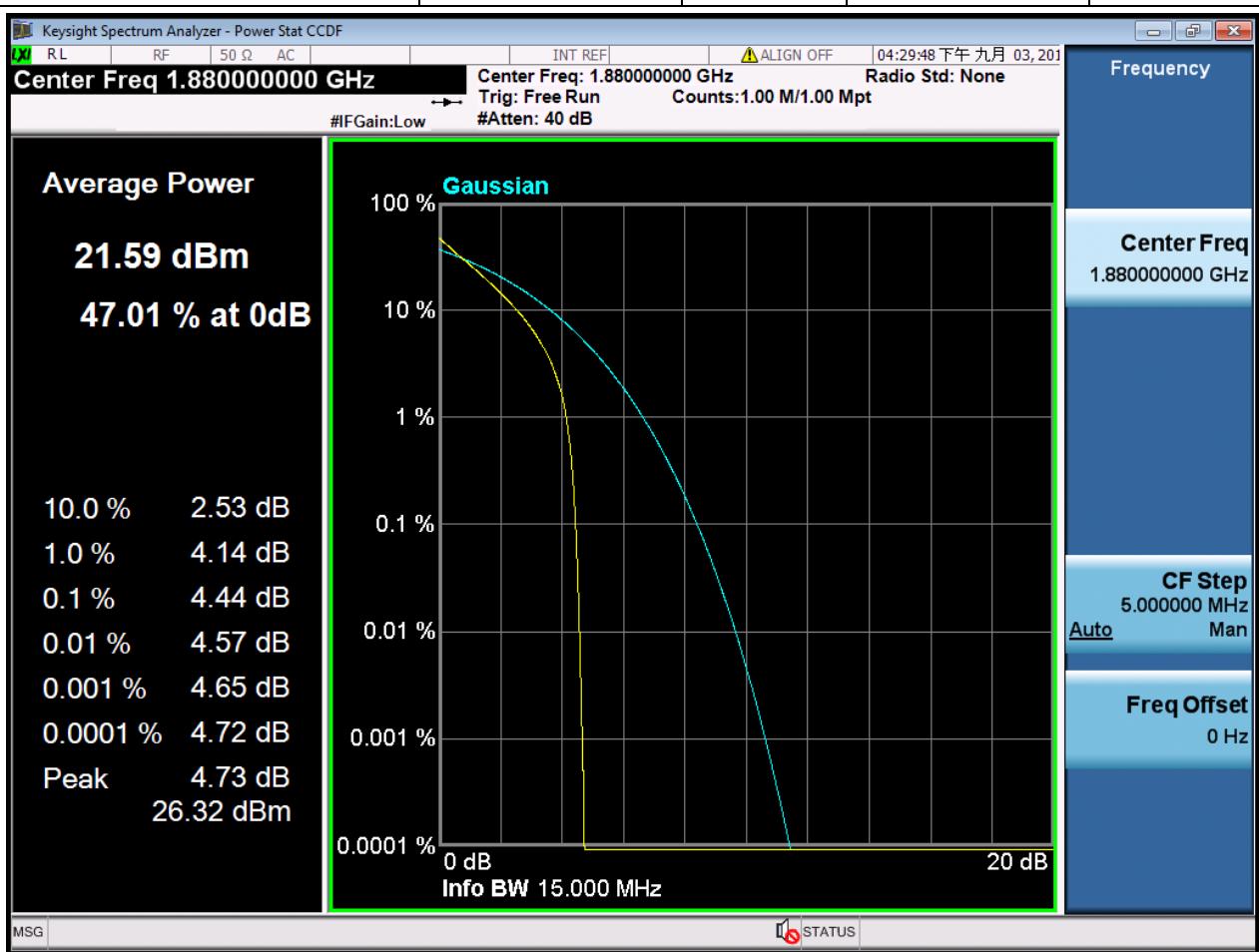
1.59. LTE Peak to Average Ratio(NTNV)(Subtest:59, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.74	13	Pass



1.60. LTE Peak to Average Ratio(NTNV)(Subtest:60, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.44	13	Pass

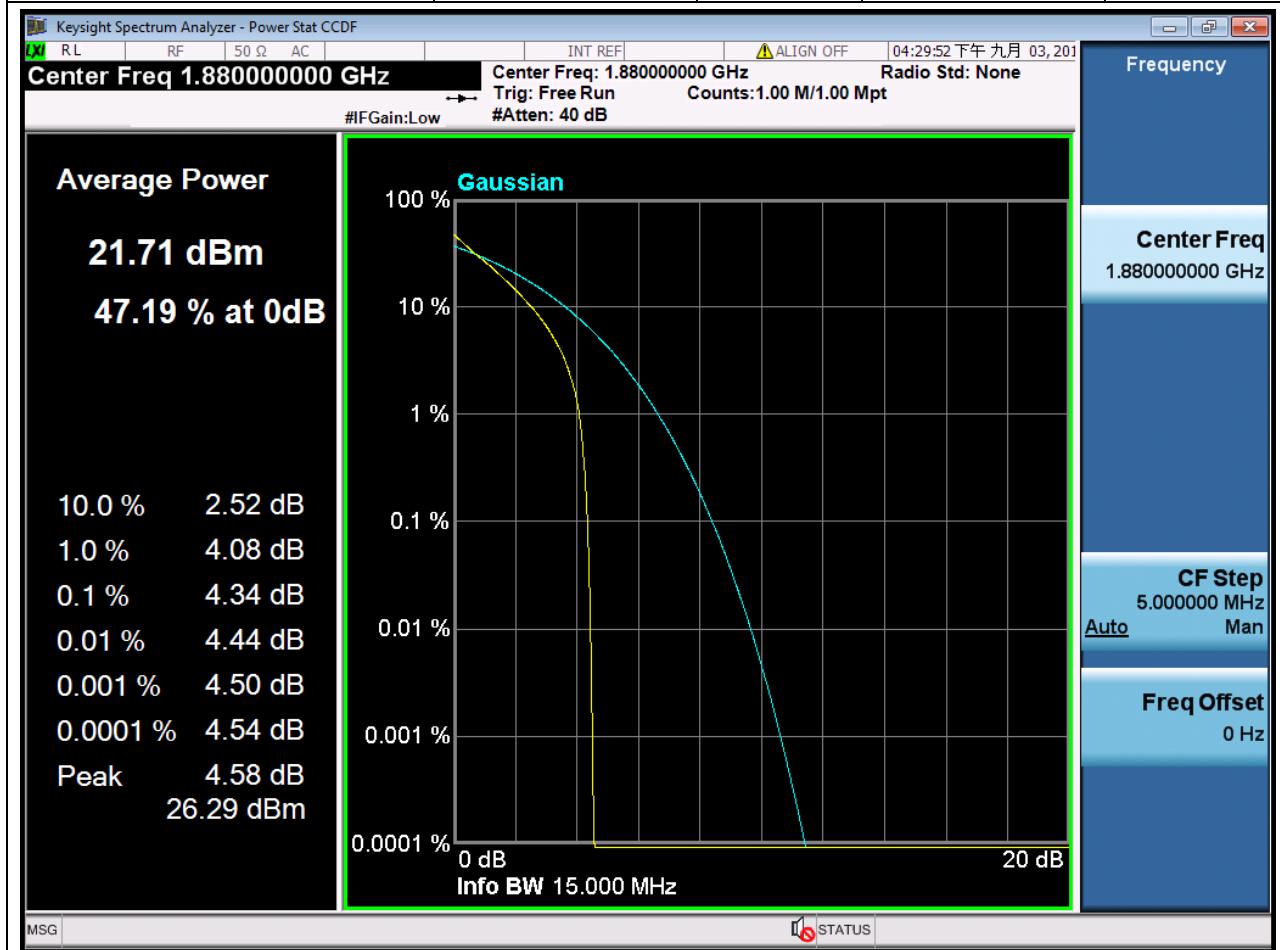


Average Power
21.59 dBm
47.01 % at 0dB

10.0 %	2.53 dB
1.0 %	4.14 dB
0.1 %	4.44 dB
0.01 %	4.57 dB
0.001 %	4.65 dB
0.0001 %	4.72 dB
Peak	4.73 dB
	26.32 dBm

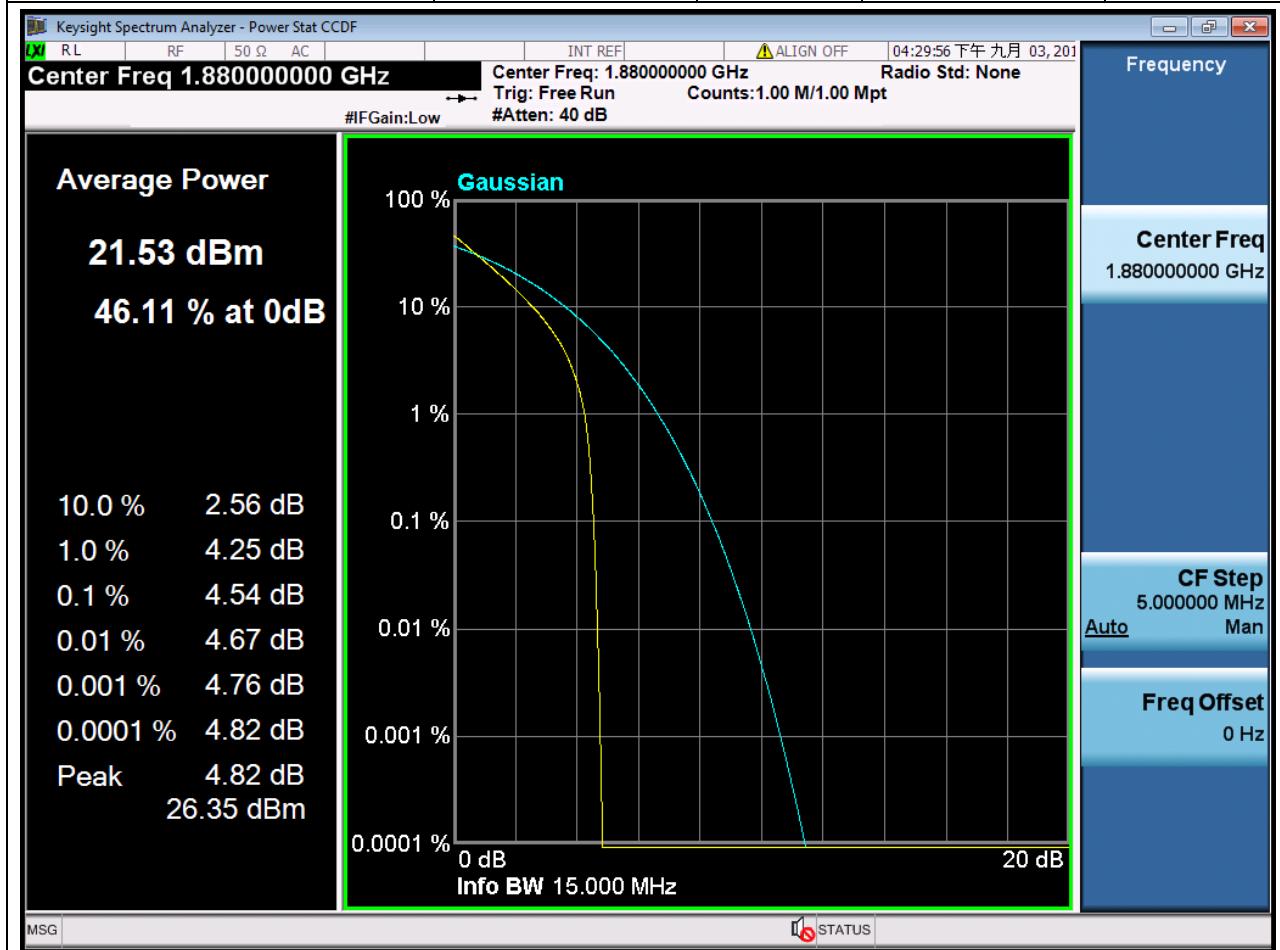
1.61. LTE Peak to Average Ratio(NTNV)(Subtest:61, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.34	13	Pass



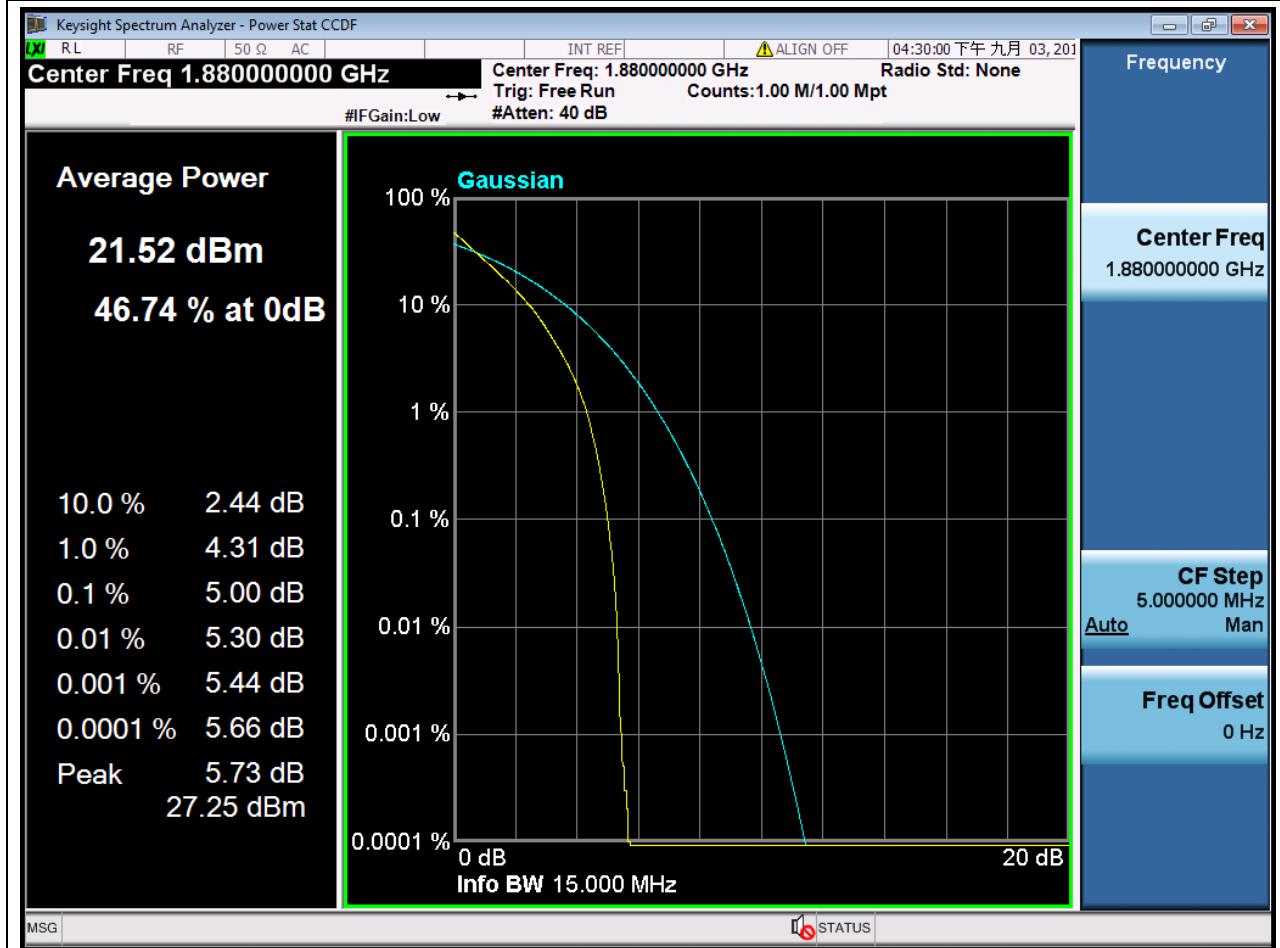
1.62. LTE Peak to Average Ratio(NTNV)(Subtest:62, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.54	13	Pass



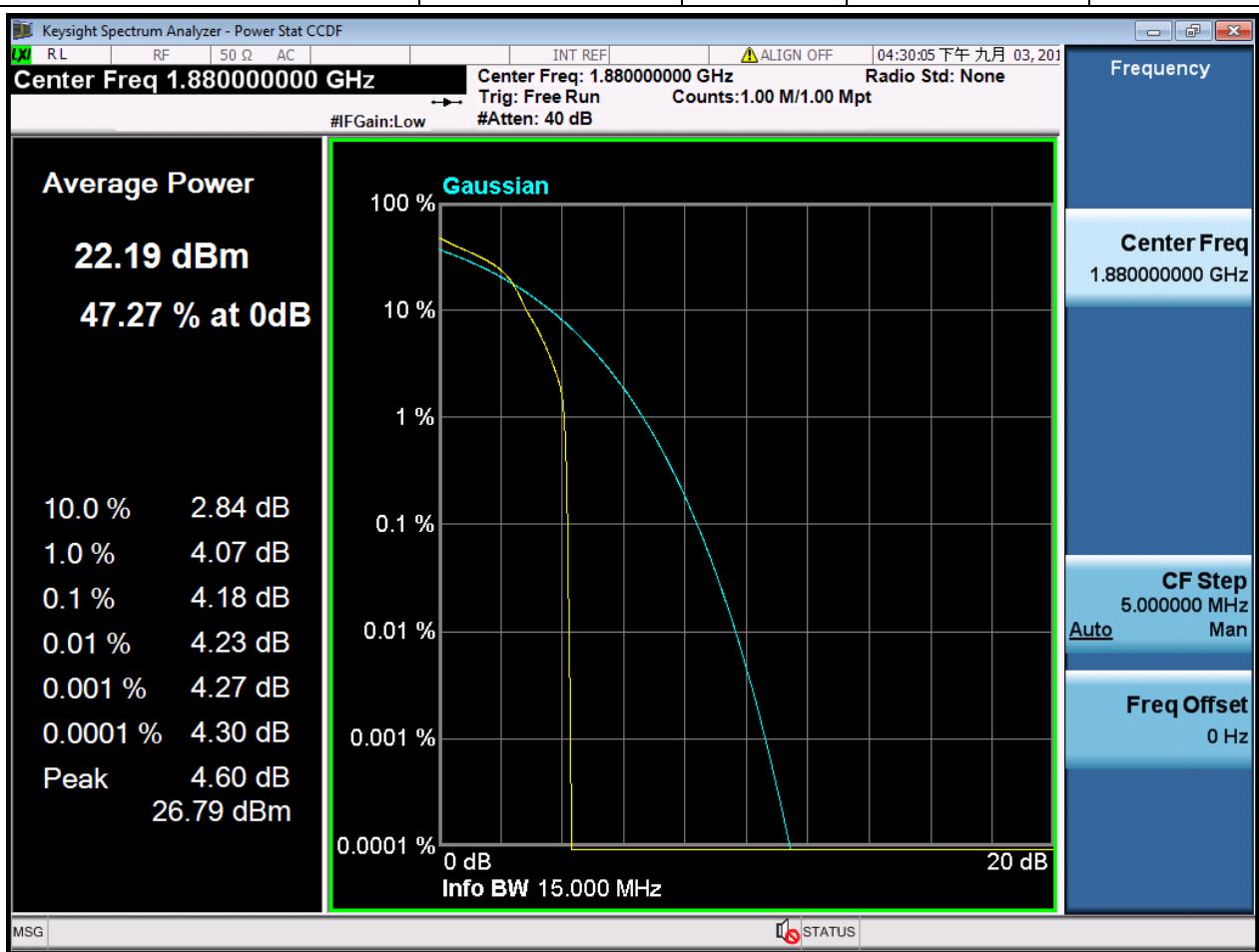
1.63. LTE Peak to Average Ratio(NTNV)(Subtest:63, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5	13	Pass



1.64. LTE Peak to Average Ratio(NTNV)(Subtest:64, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.18	13	Pass



Average Power
22.19 dBm
47.27 % at 0dB

10.0 %	2.84 dB
1.0 %	4.07 dB
0.1 %	4.18 dB
0.01 %	4.23 dB
0.001 %	4.27 dB
0.0001 %	4.30 dB
Peak	4.60 dB
	26.79 dBm

Gaussian

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

0 dB 20 dB

Info BW 15.000 MHz

Center Freq 1.880000000 GHz
Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#Atten: 40 dB

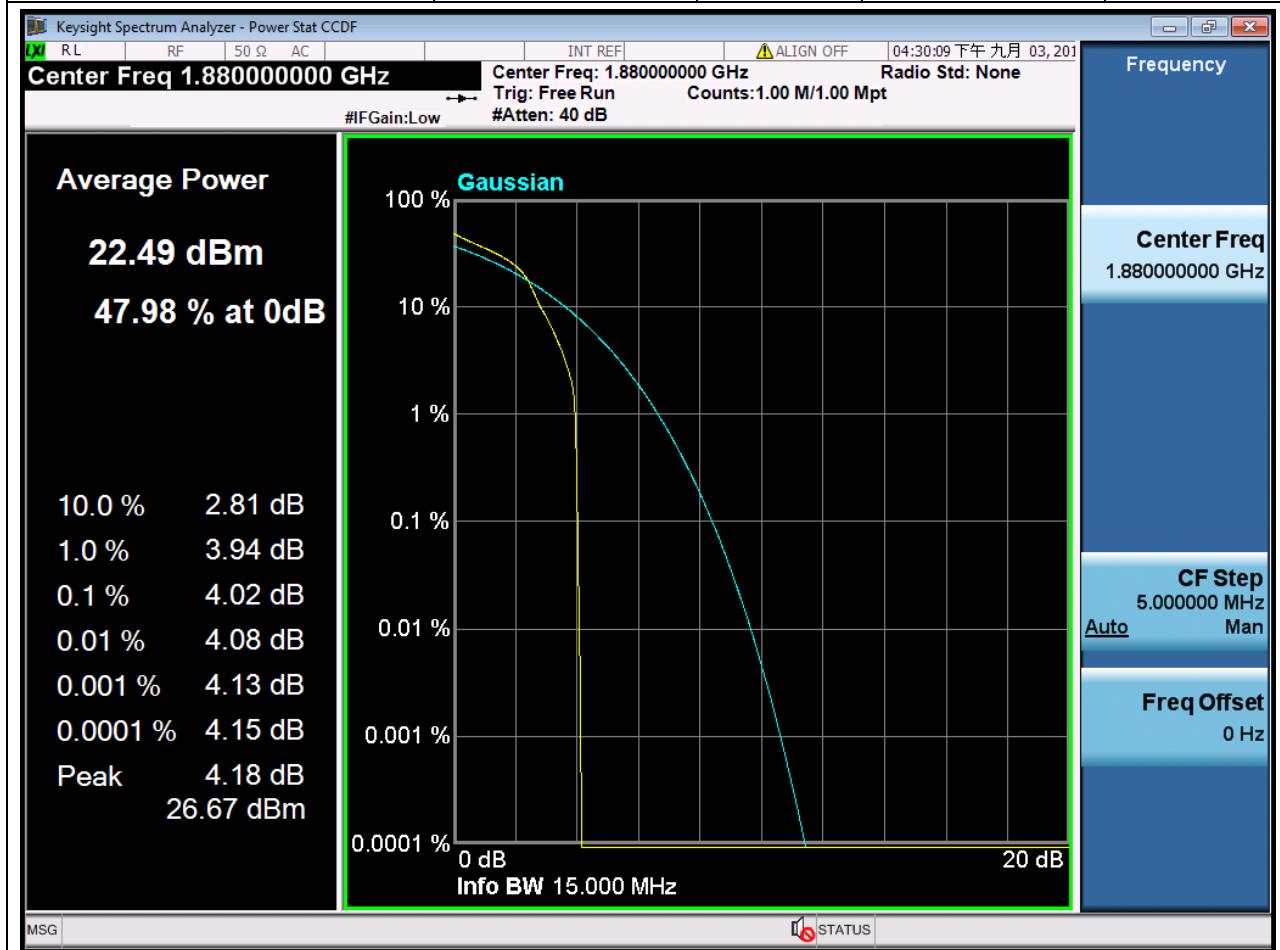
Frequency

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

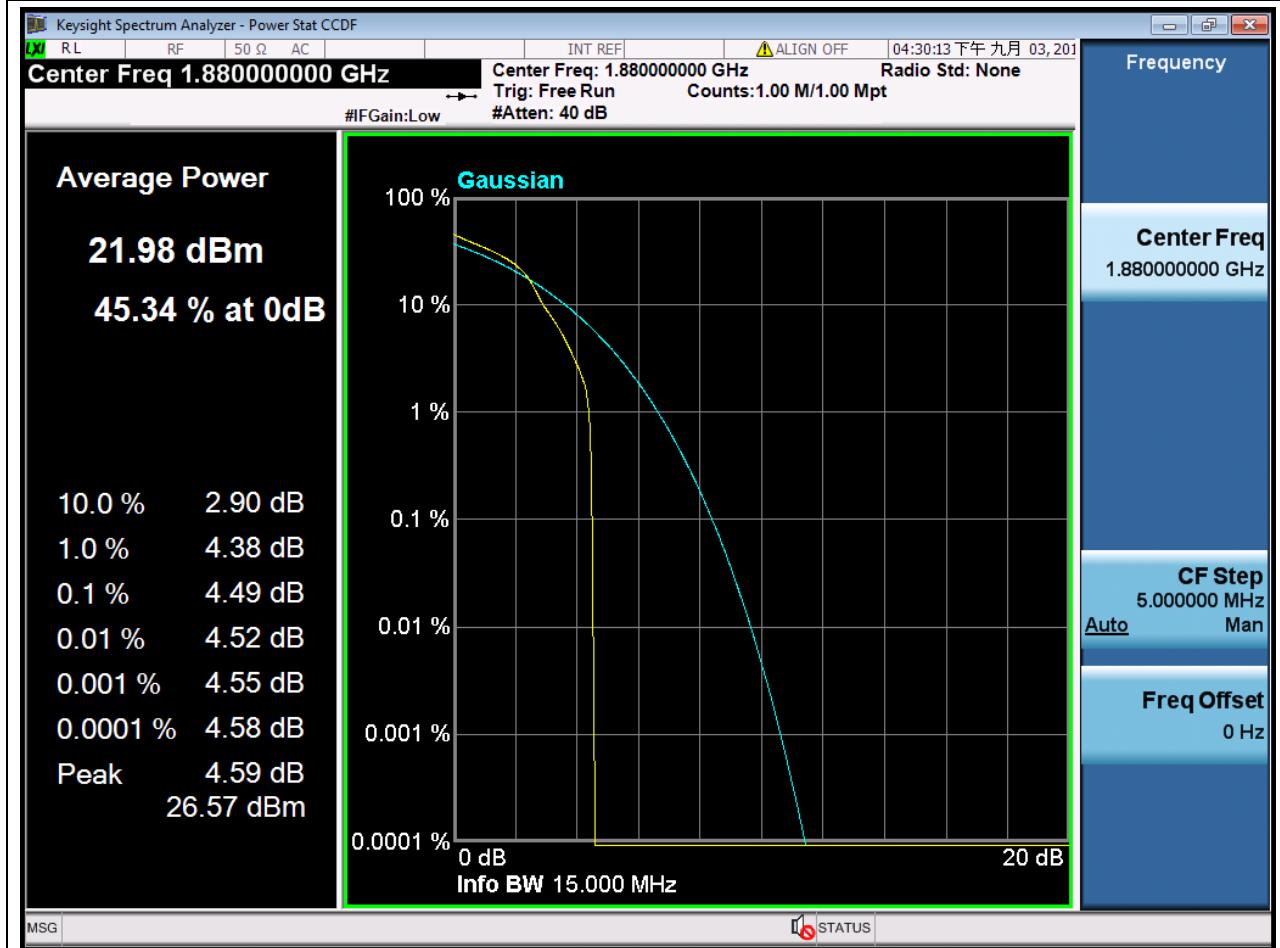
1.65. LTE Peak to Average Ratio(NTNV)(Subtest:65, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.02	13	Pass



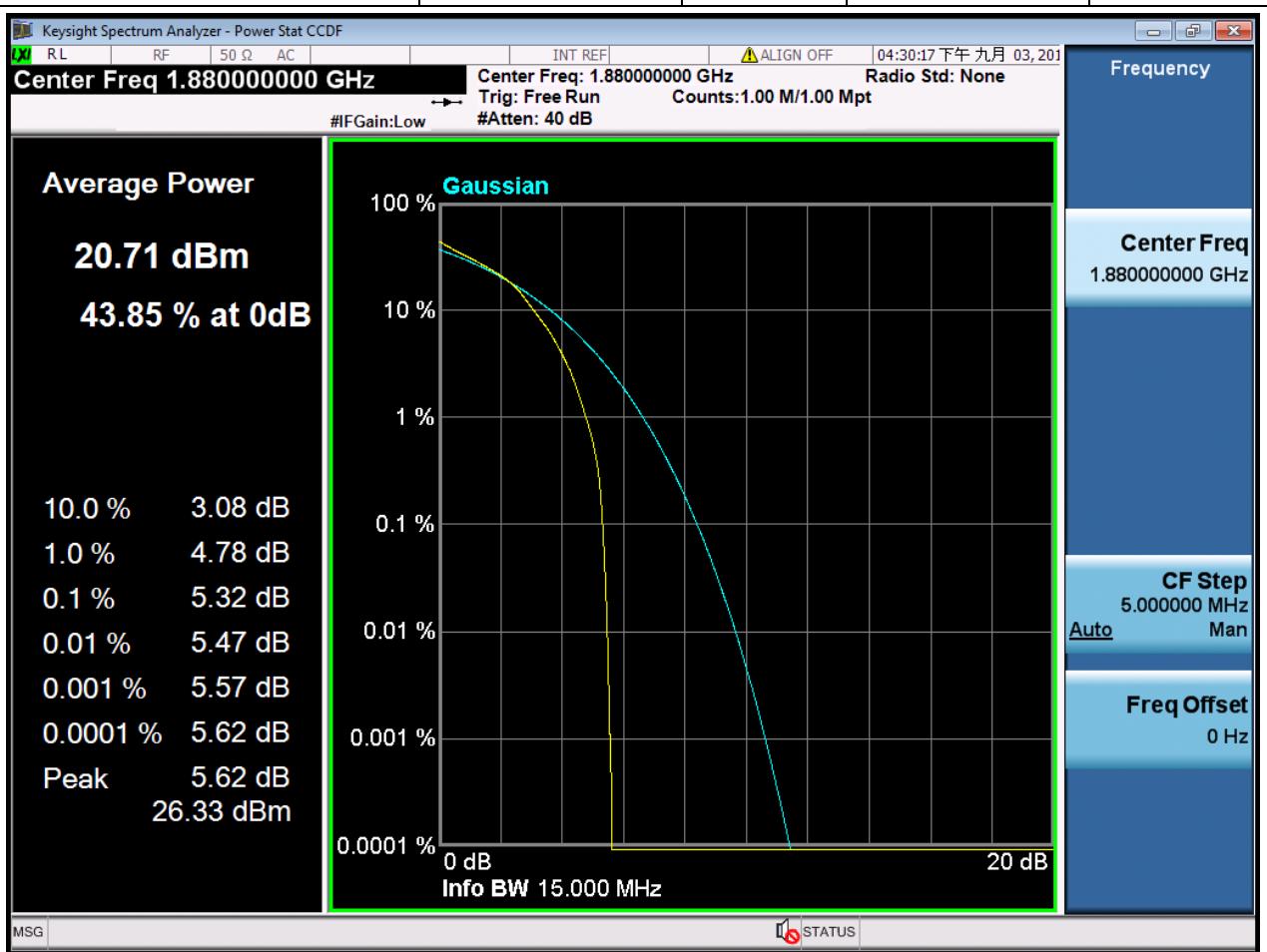
1.66. LTE Peak to Average Ratio(NTNV)(Subtest:66, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.49	13	Pass



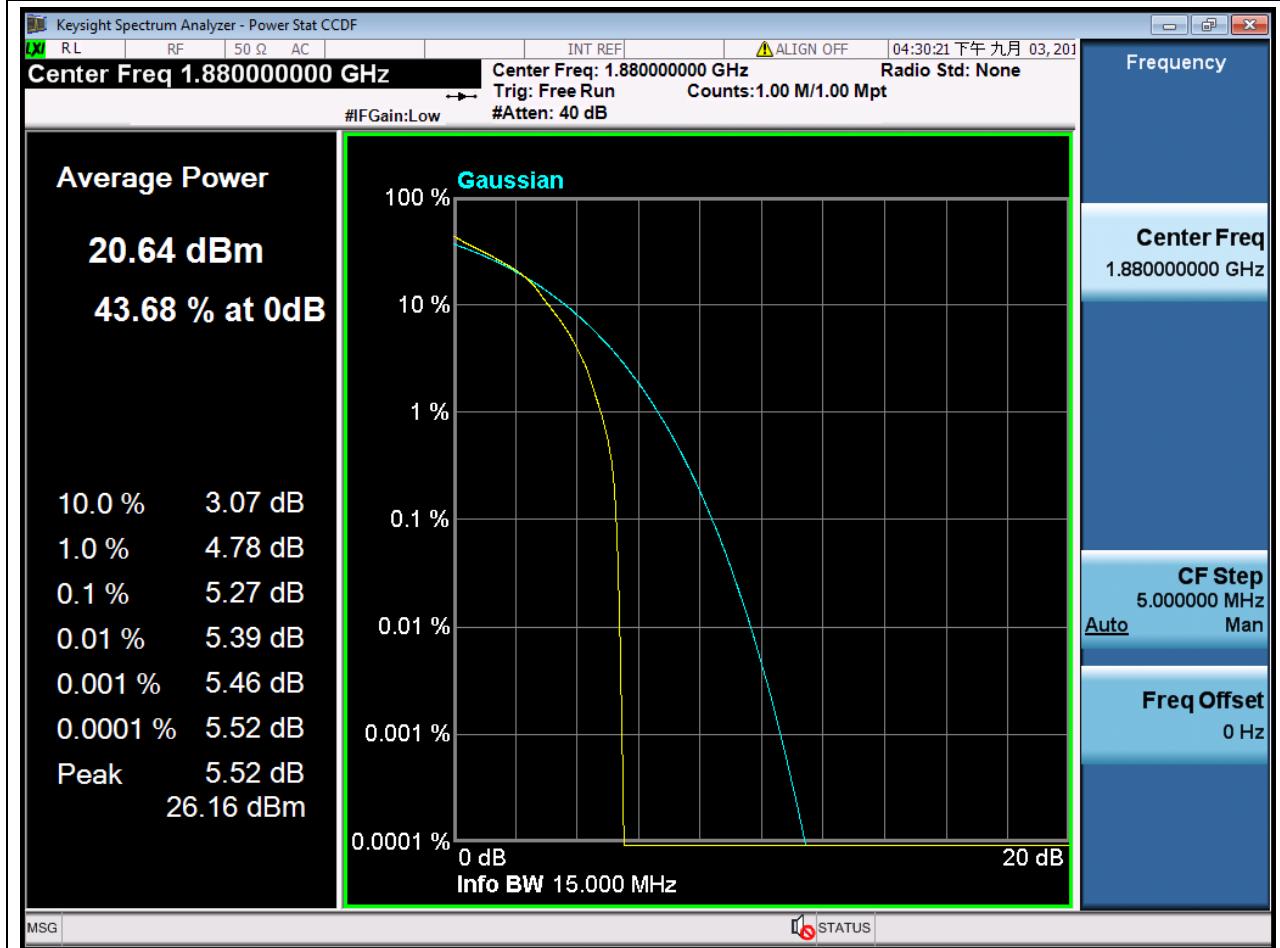
1.67. LTE Peak to Average Ratio(NTNV)(Subtest:67, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.32	13	Pass



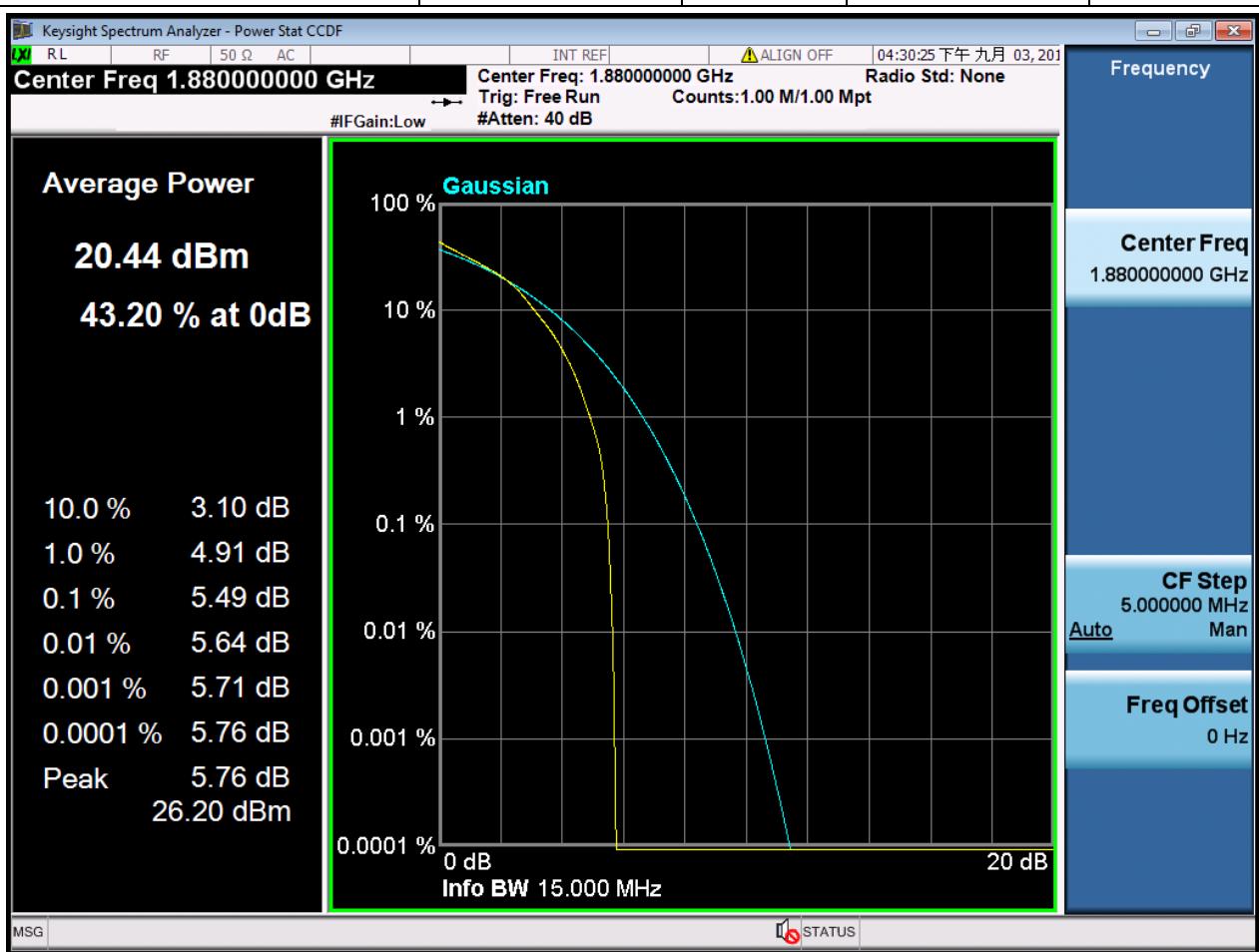
1.68. LTE Peak to Average Ratio(NTNV)(Subtest:68, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.27	13	Pass



1.69. LTE Peak to Average Ratio(NTNV)(Subtest:69, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.49	13	Pass

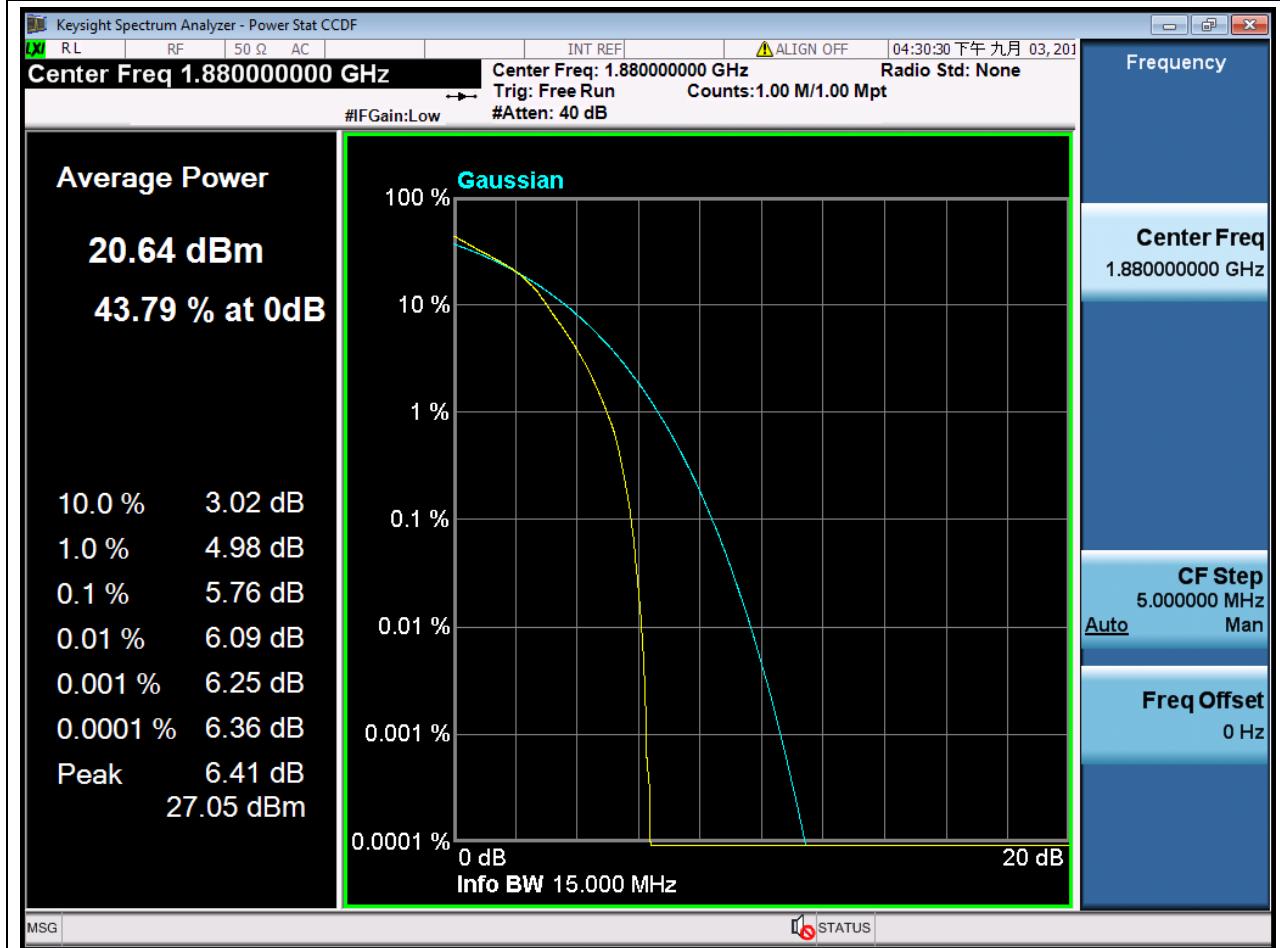


Average Power
20.44 dBm
43.20 % at 0dB

10.0 %	3.10 dB
1.0 %	4.91 dB
0.1 %	5.49 dB
0.01 %	5.64 dB
0.001 %	5.71 dB
0.0001 %	5.76 dB
Peak	5.76 dB
	26.20 dBm

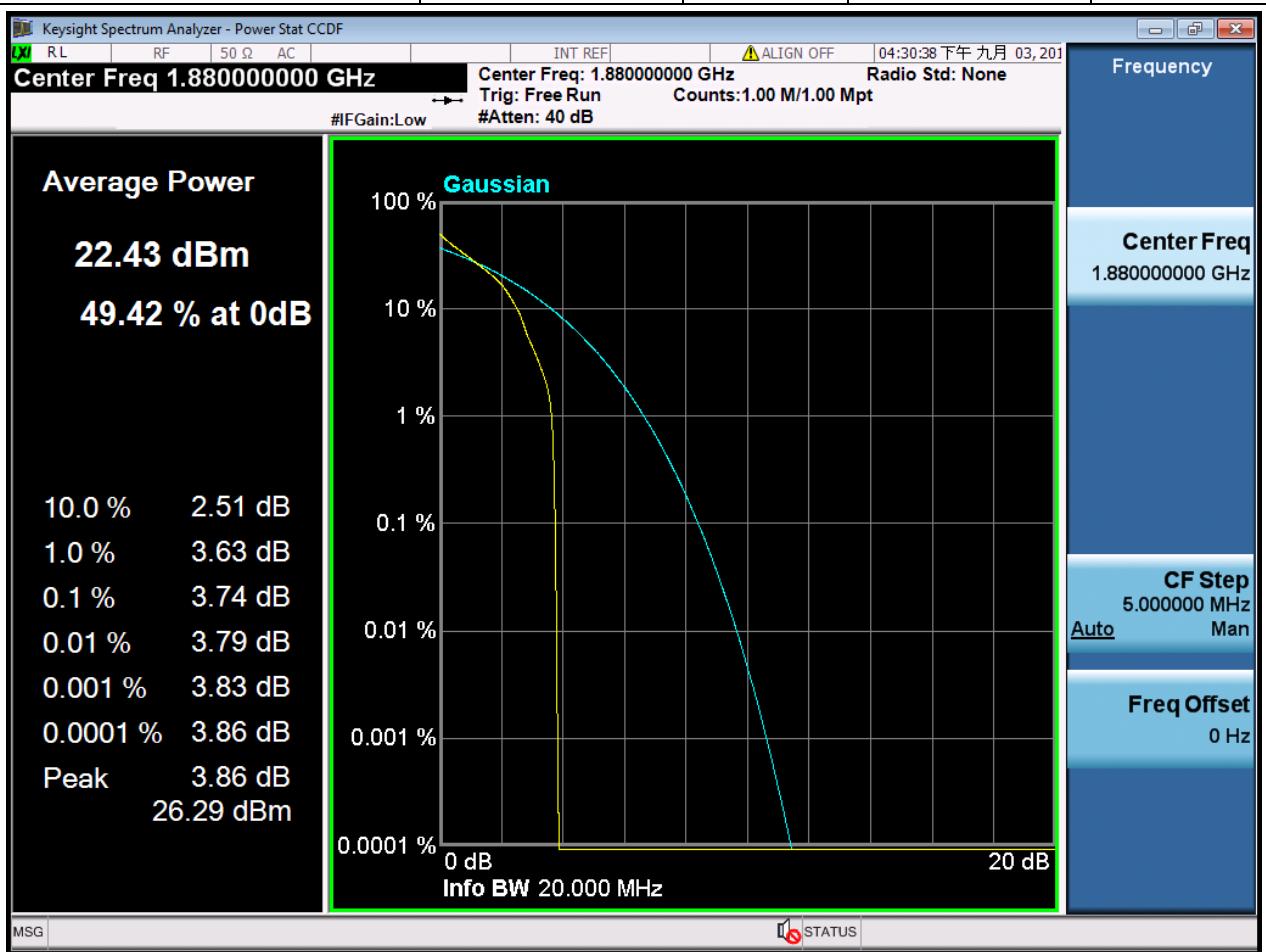
1.70. LTE Peak to Average Ratio(NTNV)(Subtest:70, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.76	13	Pass



1.71. LTE Peak to Average Ratio(NTNV)(Subtest:71, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.74	13	Pass



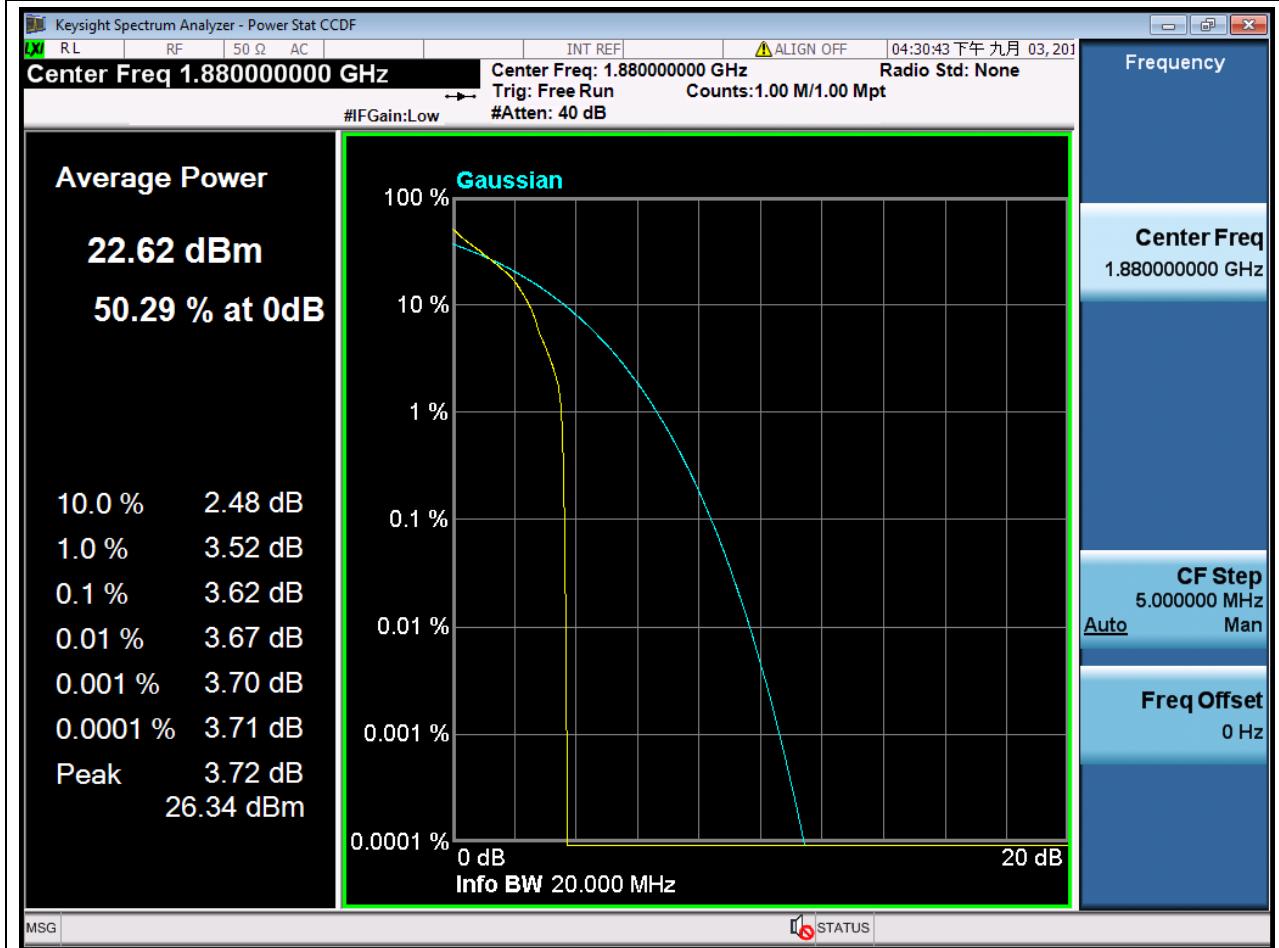
The screenshot shows the Keysight Spectrum Analyzer software interface for a Power Stat CCDF analysis. The main window displays a Gaussian probability distribution curve on a log-linear scale. The x-axis represents power in dB, ranging from 0 dB to 20 dB. The y-axis represents percentage, ranging from 0.0001% to 100%. A yellow vertical line marks the peak power at 26.29 dBm. The center frequency is set to 1.880000000 GHz. The plot area is labeled "Gaussian". The left panel shows average power statistics: 22.43 dBm and 49.42 % at 0dB. Below these are detailed power level percentages:

10.0 %	2.51 dB
1.0 %	3.63 dB
0.1 %	3.74 dB
0.01 %	3.79 dB
0.001 %	3.83 dB
0.0001 %	3.86 dB
Peak	3.86 dB
	26.29 dBm

The right panel shows configuration settings: Center Freq 1.880000000 GHz, CF Step 5.000000 MHz, and Freq Offset 0 Hz.

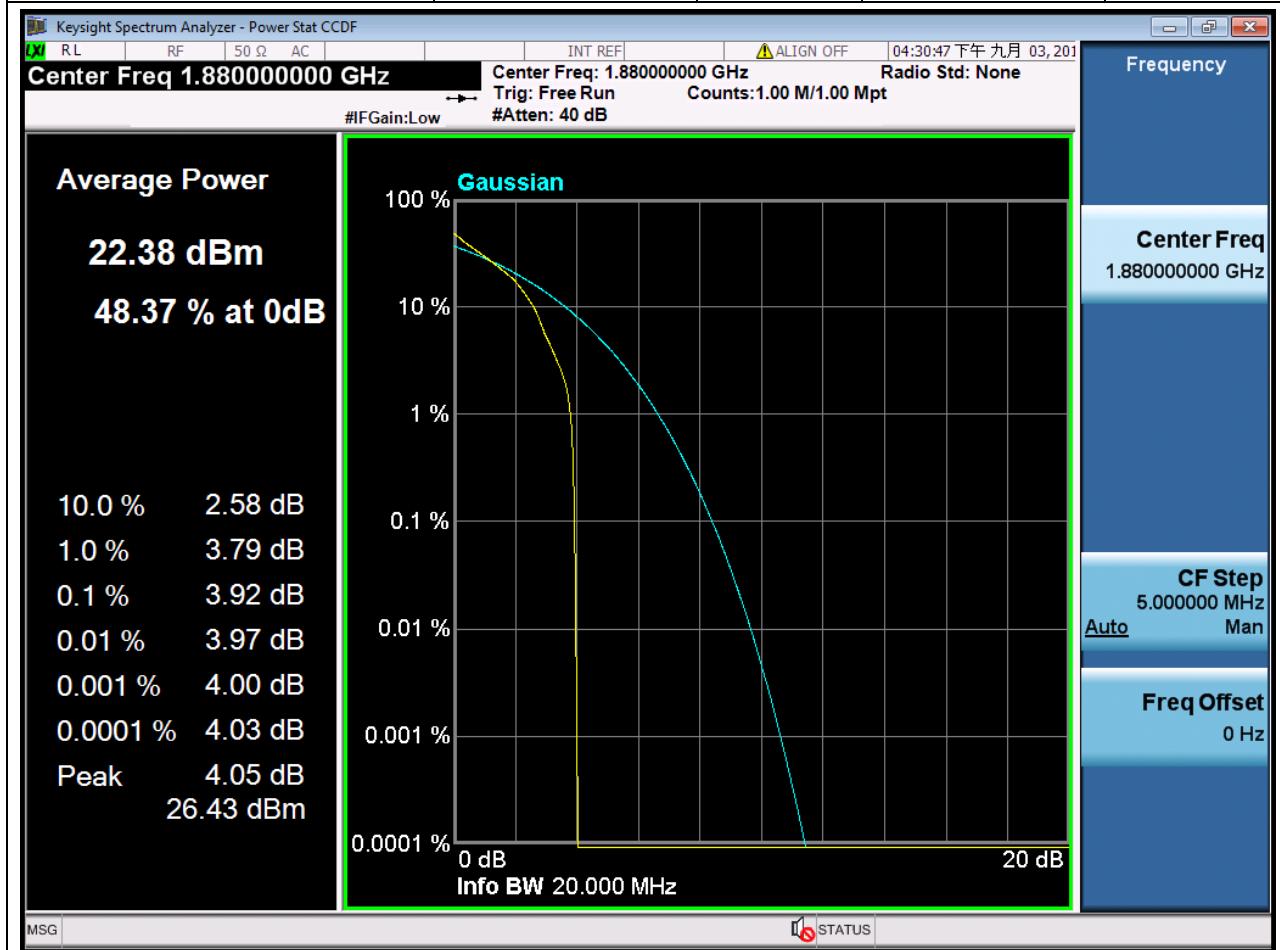
1.72. LTE Peak to Average Ratio(NTNV)(Subtest:72, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.62	13	Pass



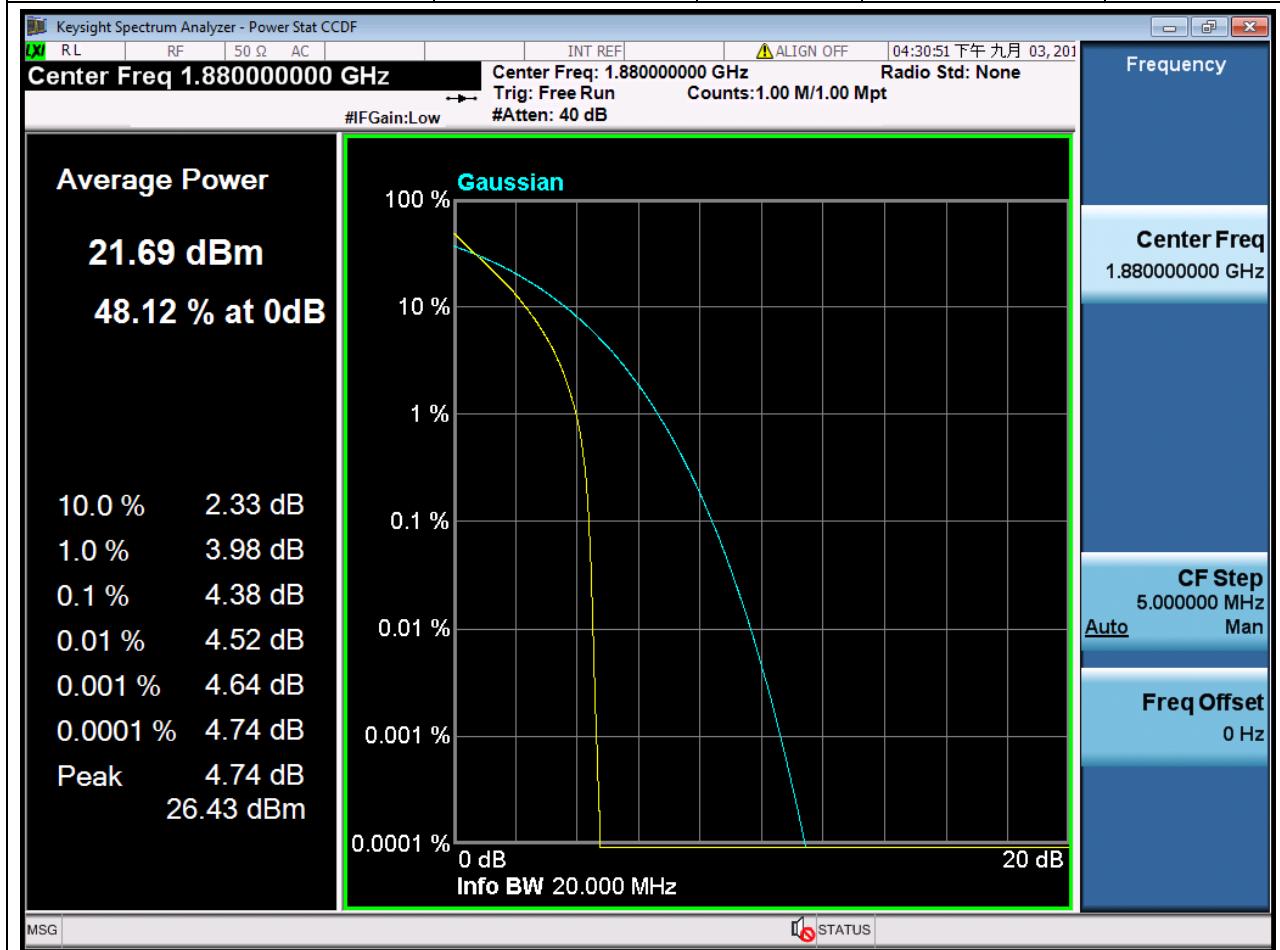
1.73. LTE Peak to Average Ratio(NTNV)(Subtest:73, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.92	13	Pass



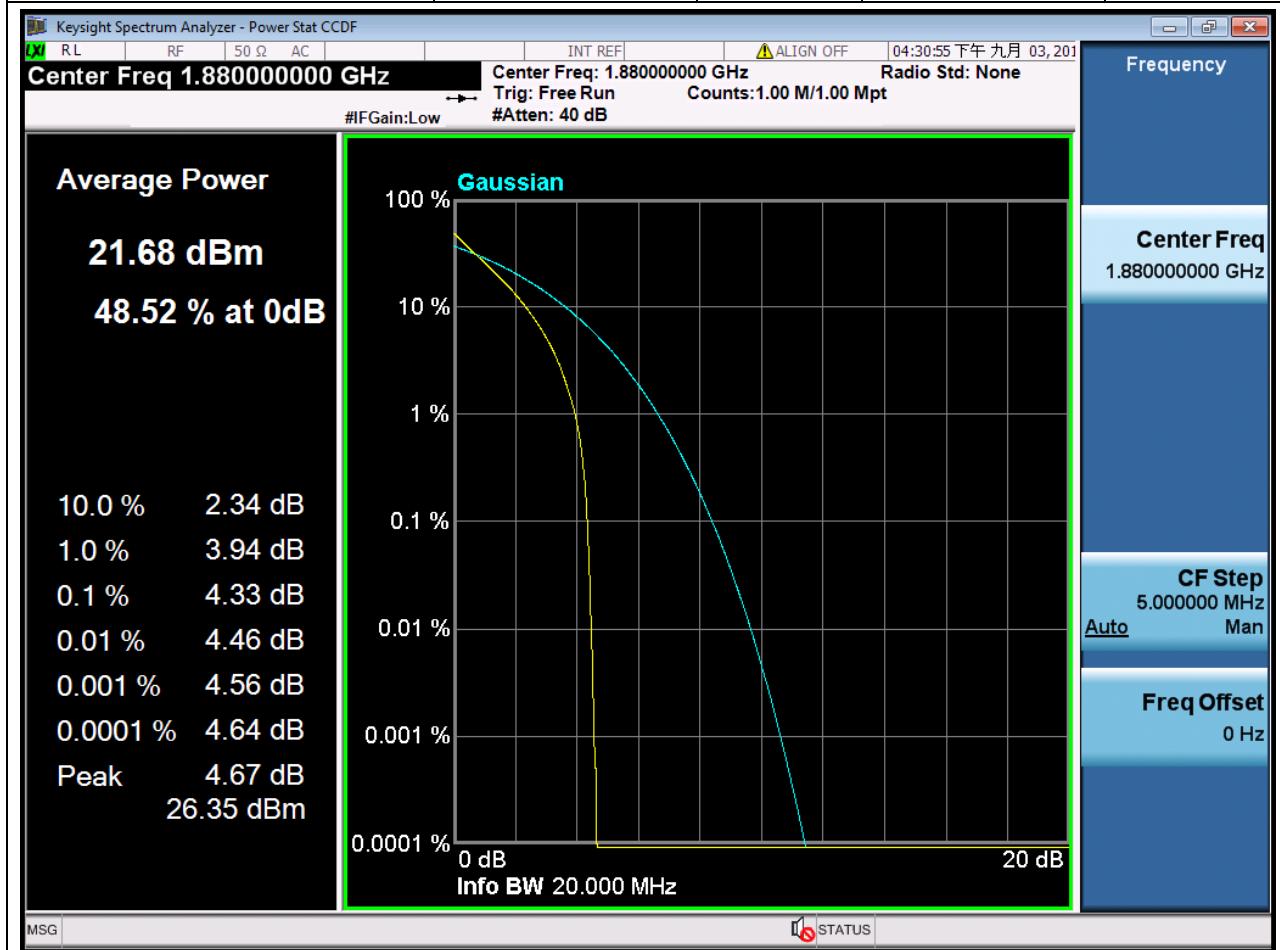
1.74. LTE Peak to Average Ratio(NTNV)(Subtest:74, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.38	13	Pass



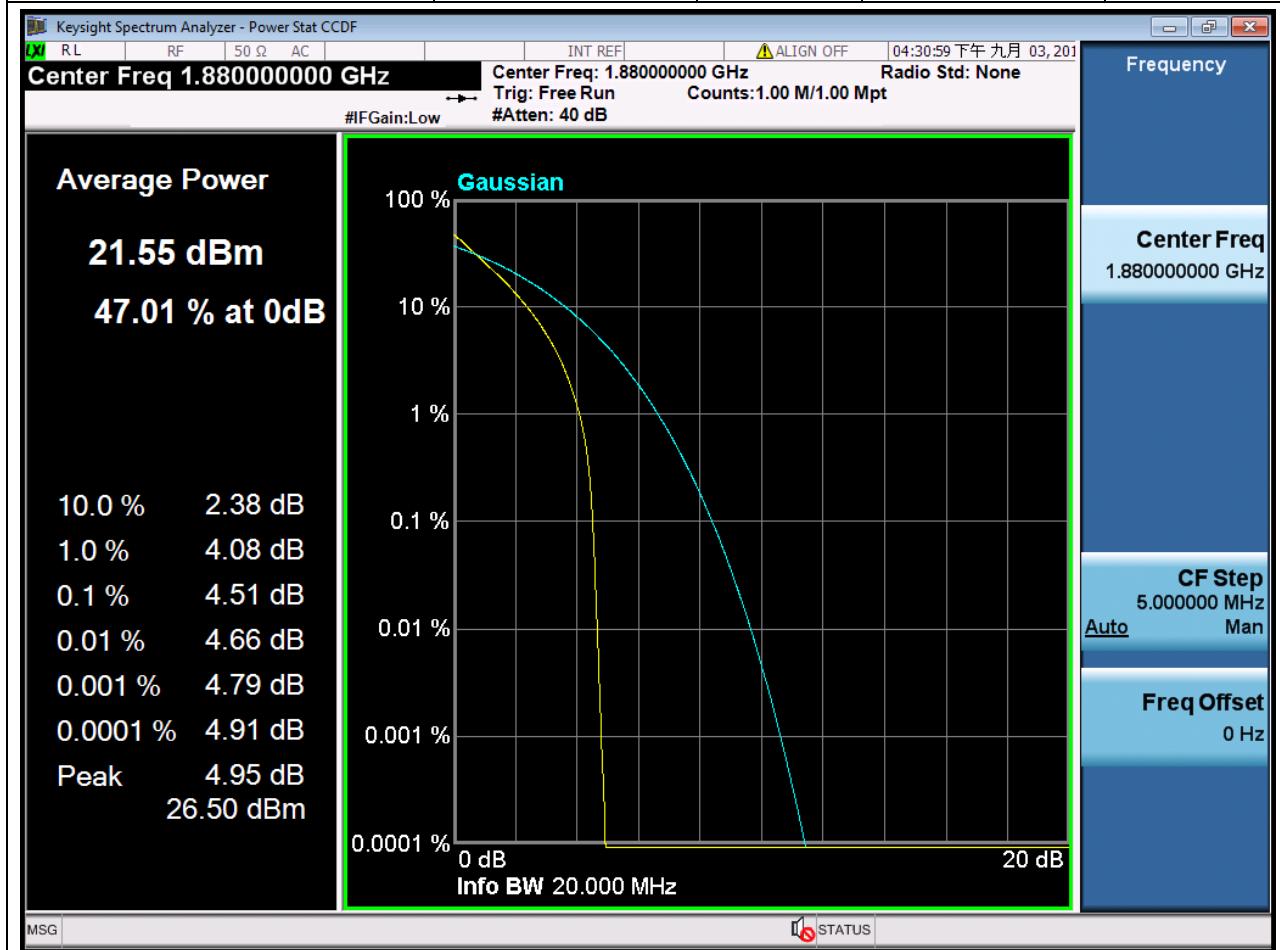
1.75. LTE Peak to Average Ratio(NTNV)(Subtest:75, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.33	13	Pass



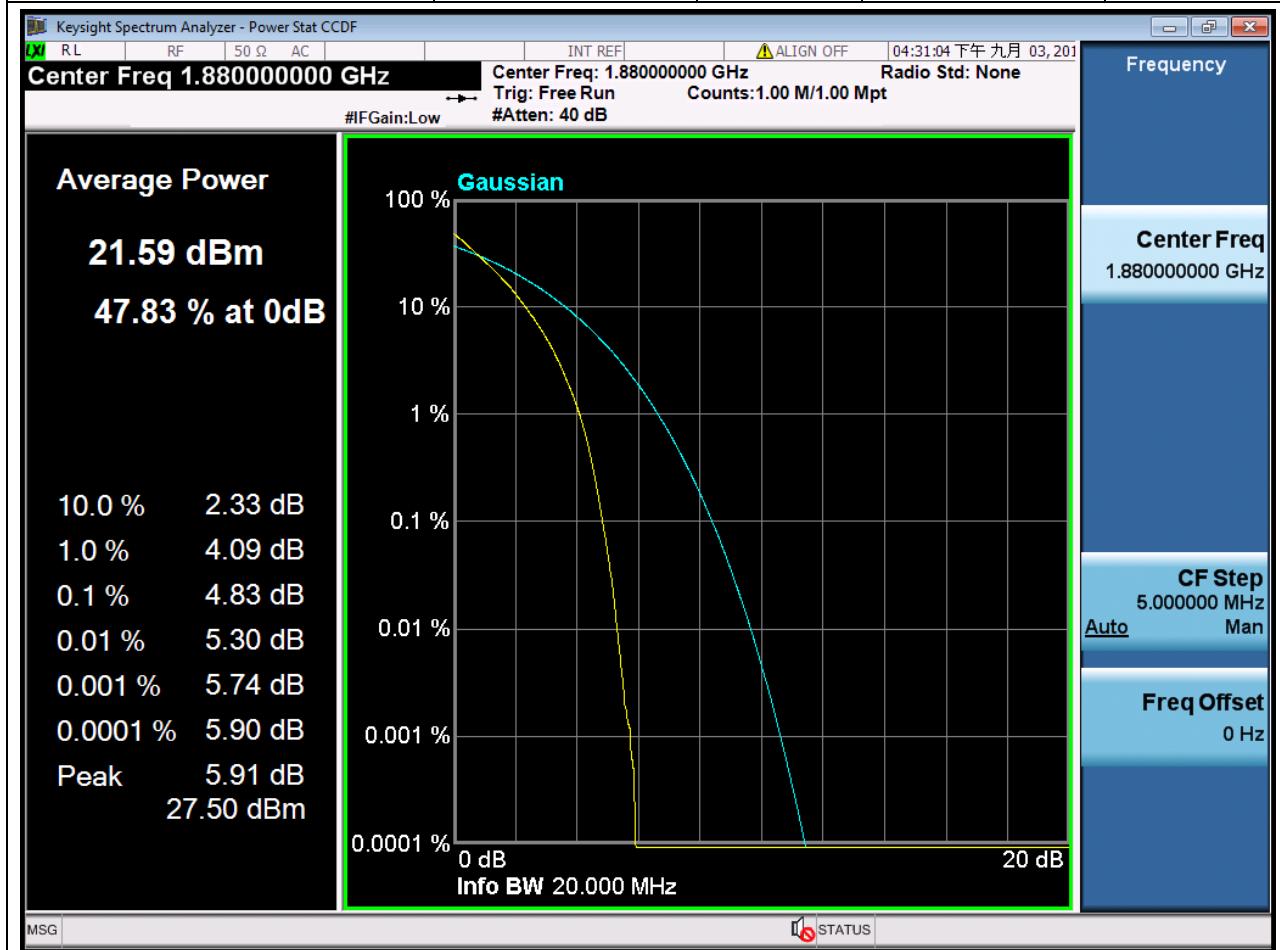
1.76. LTE Peak to Average Ratio(NTNV)(Subtest:76, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.51	13	Pass



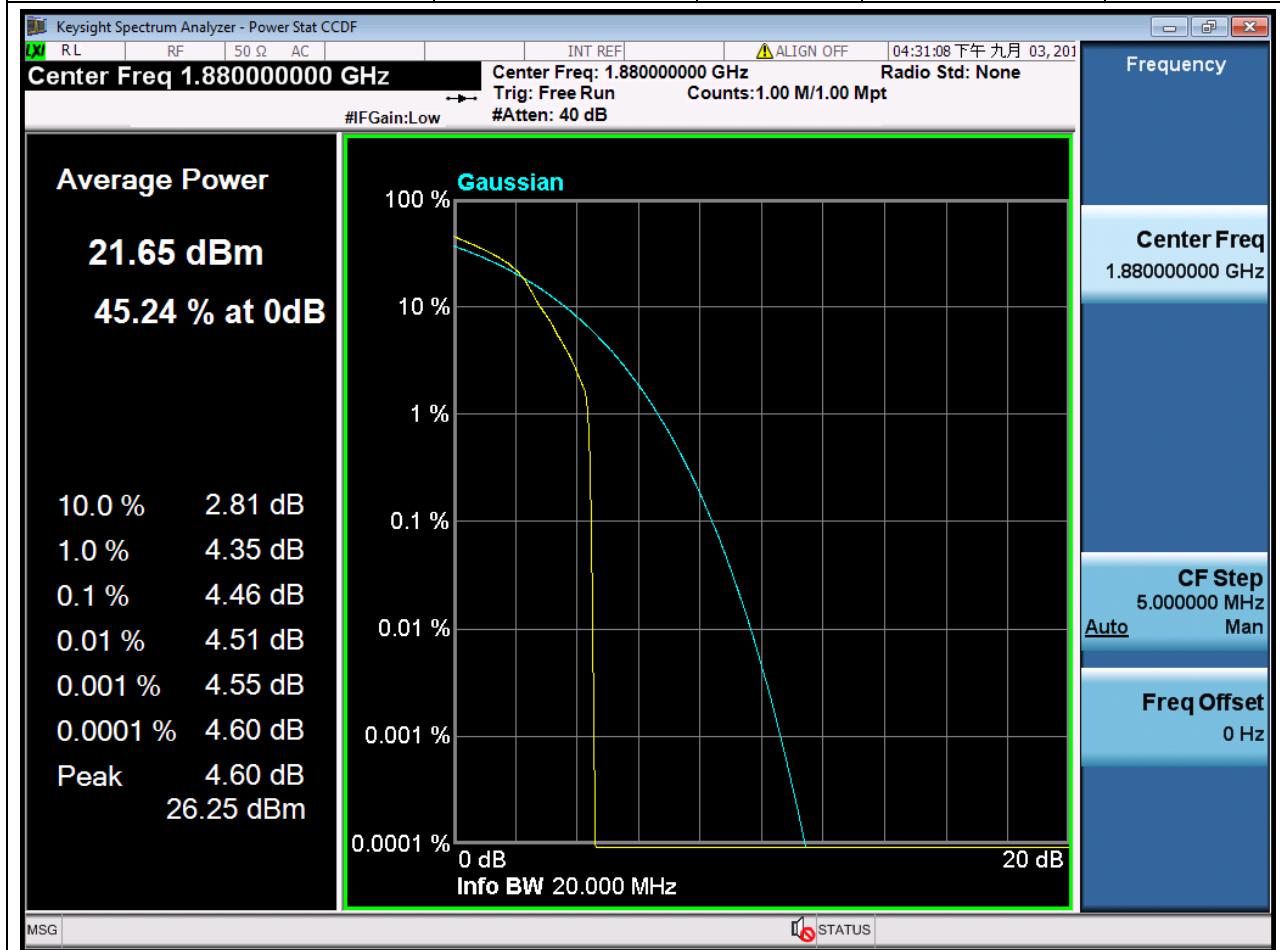
1.77. LTE Peak to Average Ratio(NTNV)(Subtest:77, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.83	13	Pass



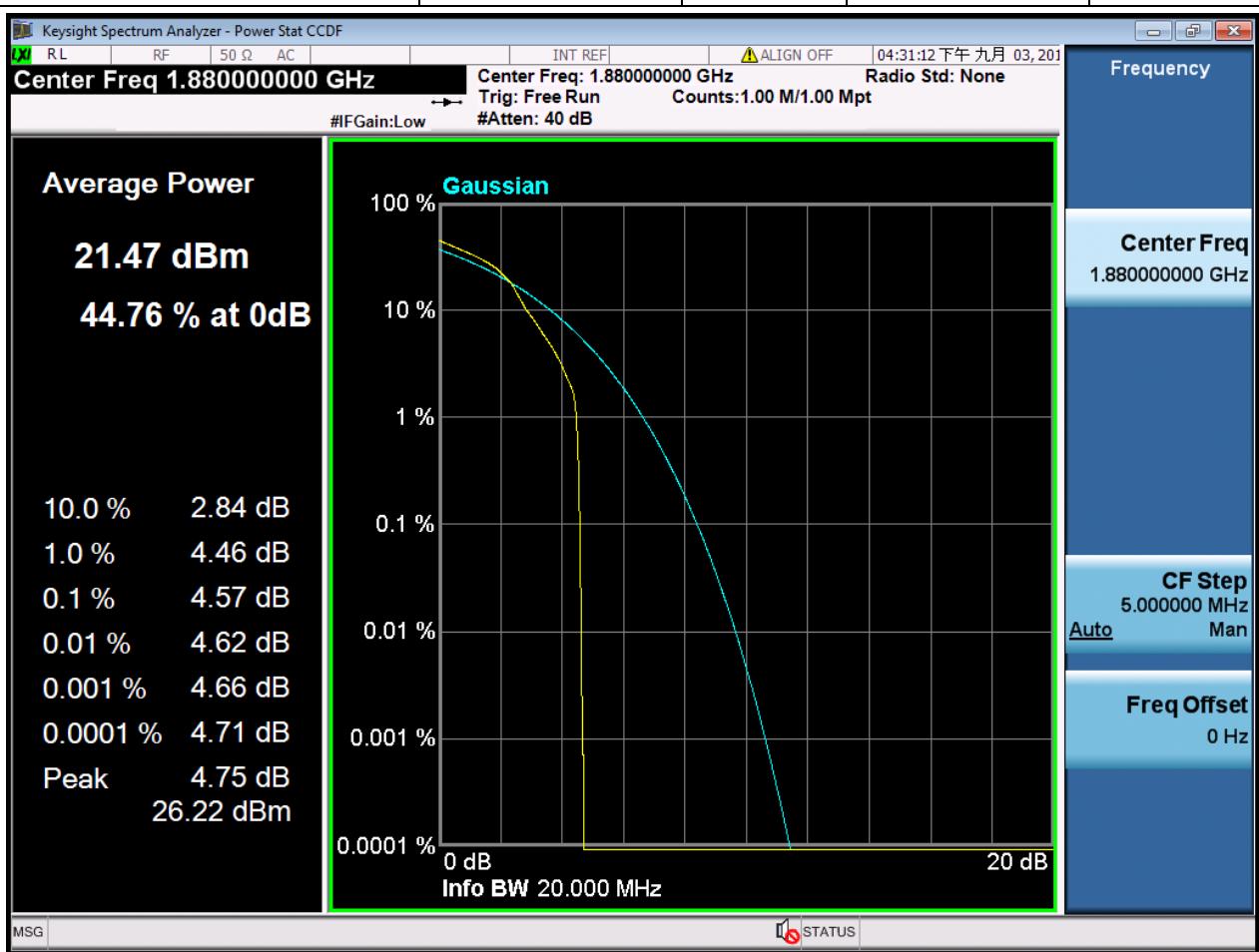
1.78. LTE Peak to Average Ratio(NTNV)(Subtest:78, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.46	13	Pass



1.79. LTE Peak to Average Ratio(NTNV)(Subtest:79, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.57	13	Pass

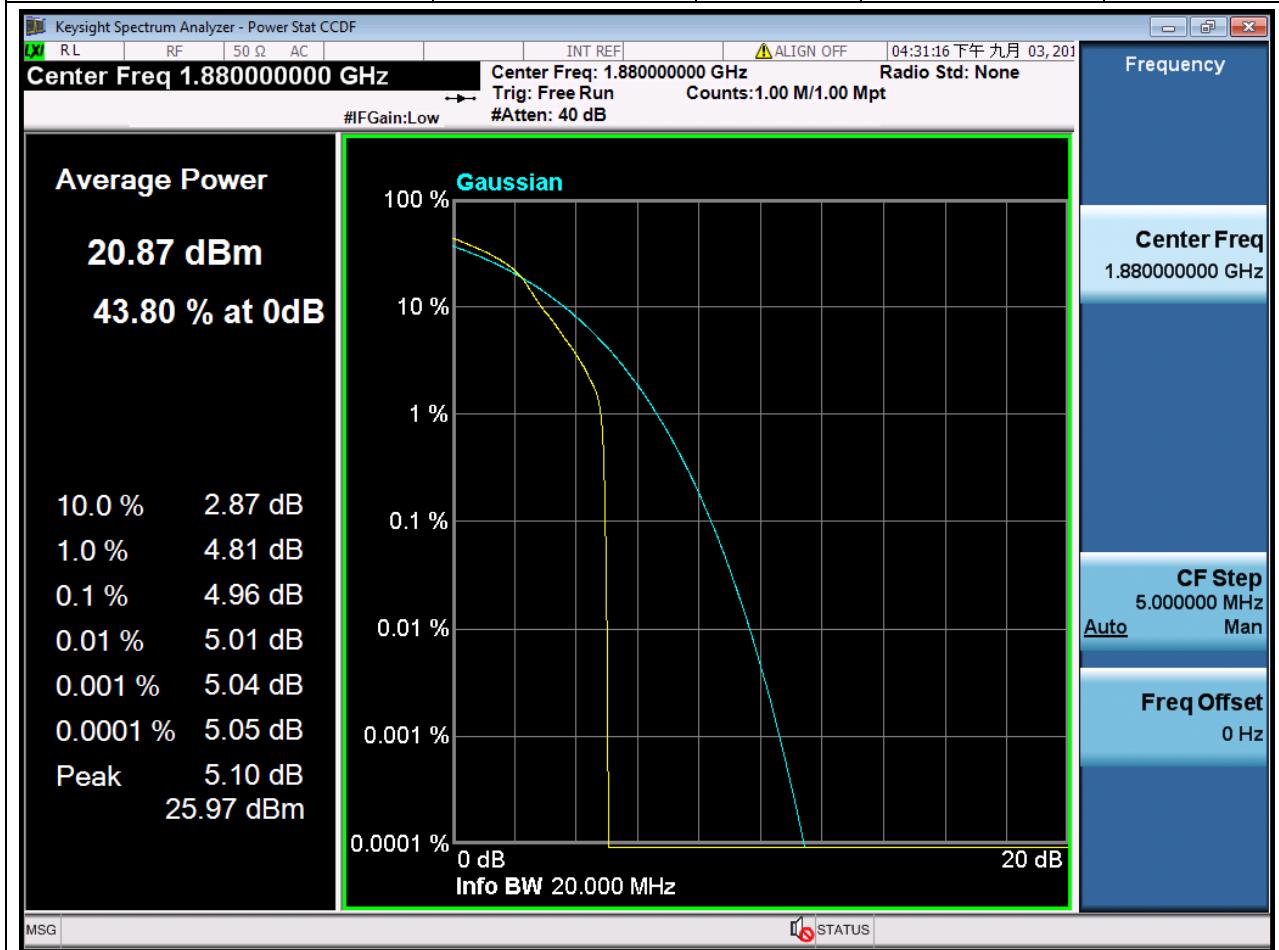


Average Power
21.47 dBm
44.76 % at 0dB

10.0 %	2.84 dB
1.0 %	4.46 dB
0.1 %	4.57 dB
0.01 %	4.62 dB
0.001 %	4.66 dB
0.0001 %	4.71 dB
Peak	4.75 dB
	26.22 dBm

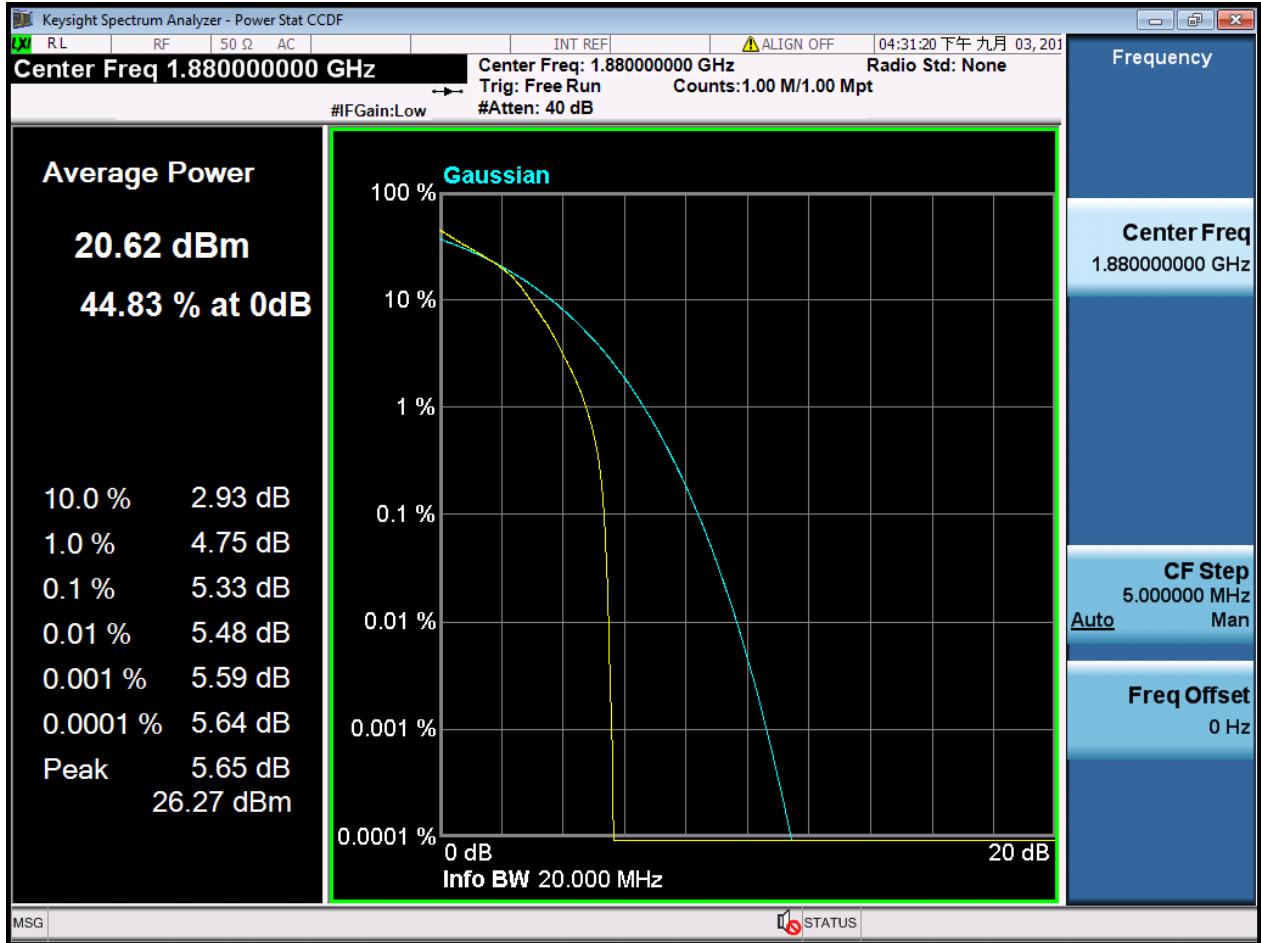
1.80. LTE Peak to Average Ratio(NTNV)(Subtest:80, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.96	13	Pass



1.81. LTE Peak to Average Ratio(NTNV)(Subtest:81, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.33	13	Pass



Average Power
20.62 dBm
44.83 % at 0dB

10.0 %	2.93 dB
1.0 %	4.75 dB
0.1 %	5.33 dB
0.01 %	5.48 dB
0.001 %	5.59 dB
0.0001 %	5.64 dB
Peak	5.65 dB
	26.27 dBm

Gaussian
Info BW 20.000 MHz

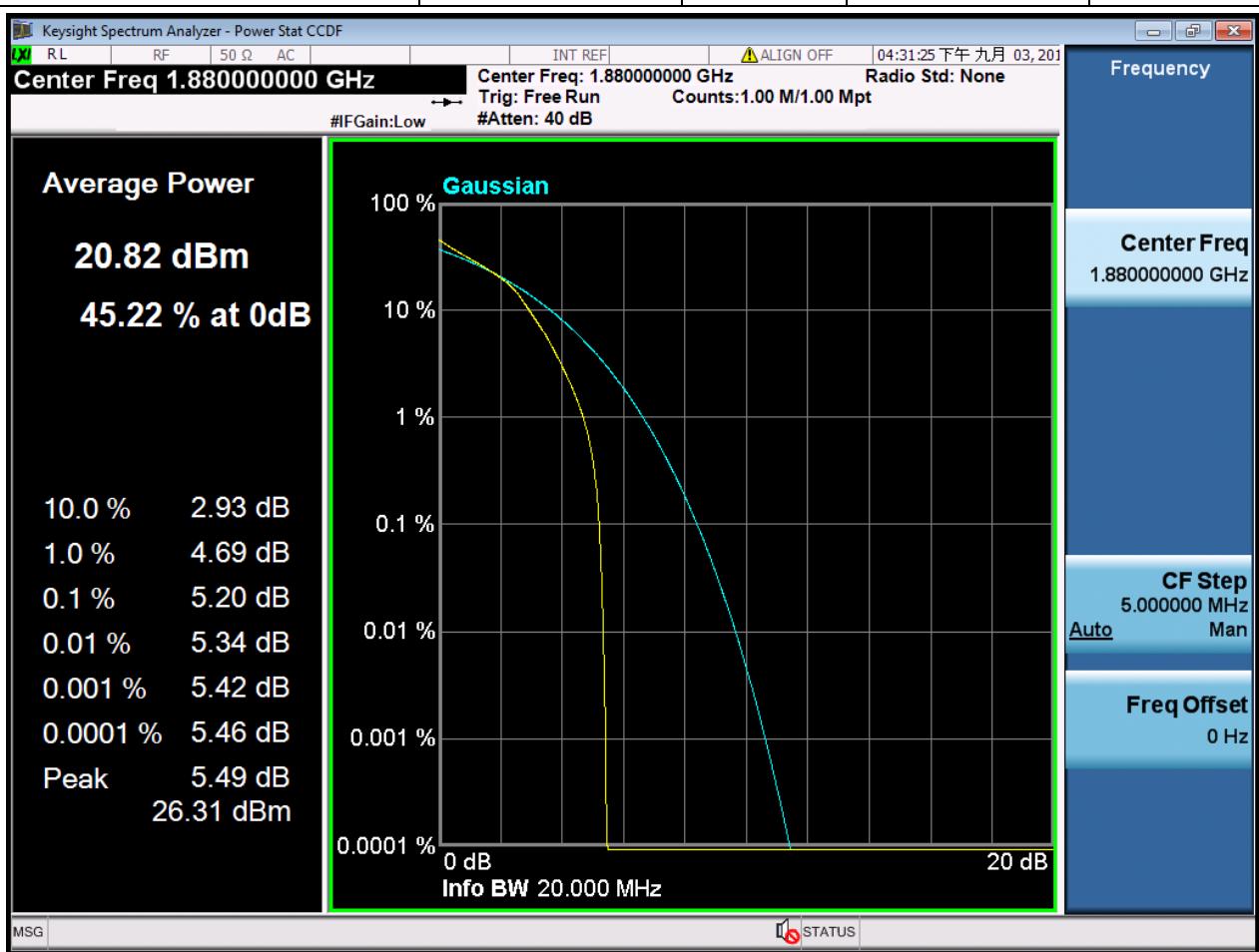
Center Freq 1.880000000 GHz
Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

1.82. LTE Peak to Average Ratio(NTNV)(Subtest:82, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.2	13	Pass

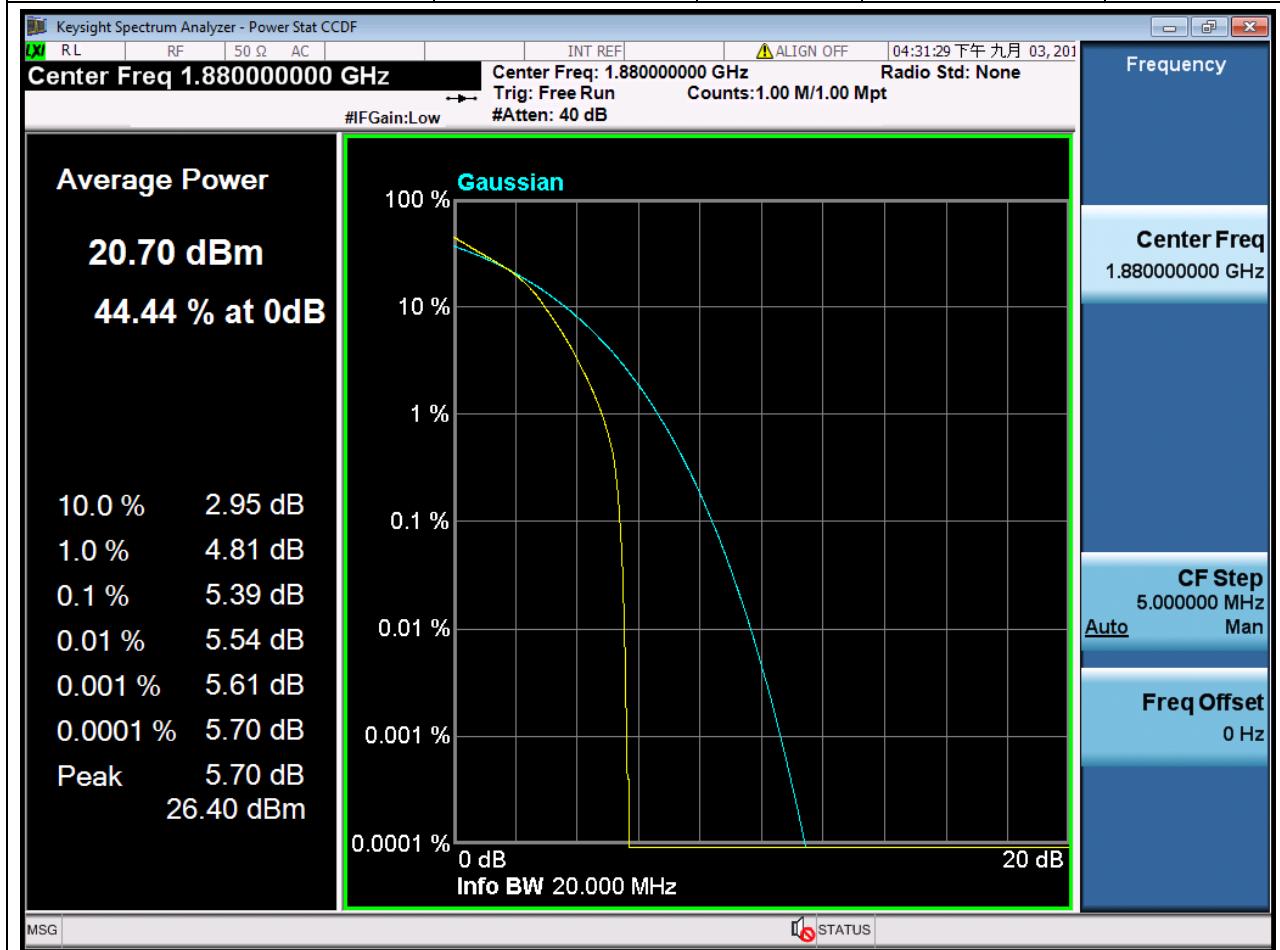


Average Power
20.82 dBm
45.22 % at 0dB

10.0 %	2.93 dB
1.0 %	4.69 dB
0.1 %	5.20 dB
0.01 %	5.34 dB
0.001 %	5.42 dB
0.0001 %	5.46 dB
Peak	5.49 dB
	26.31 dBm

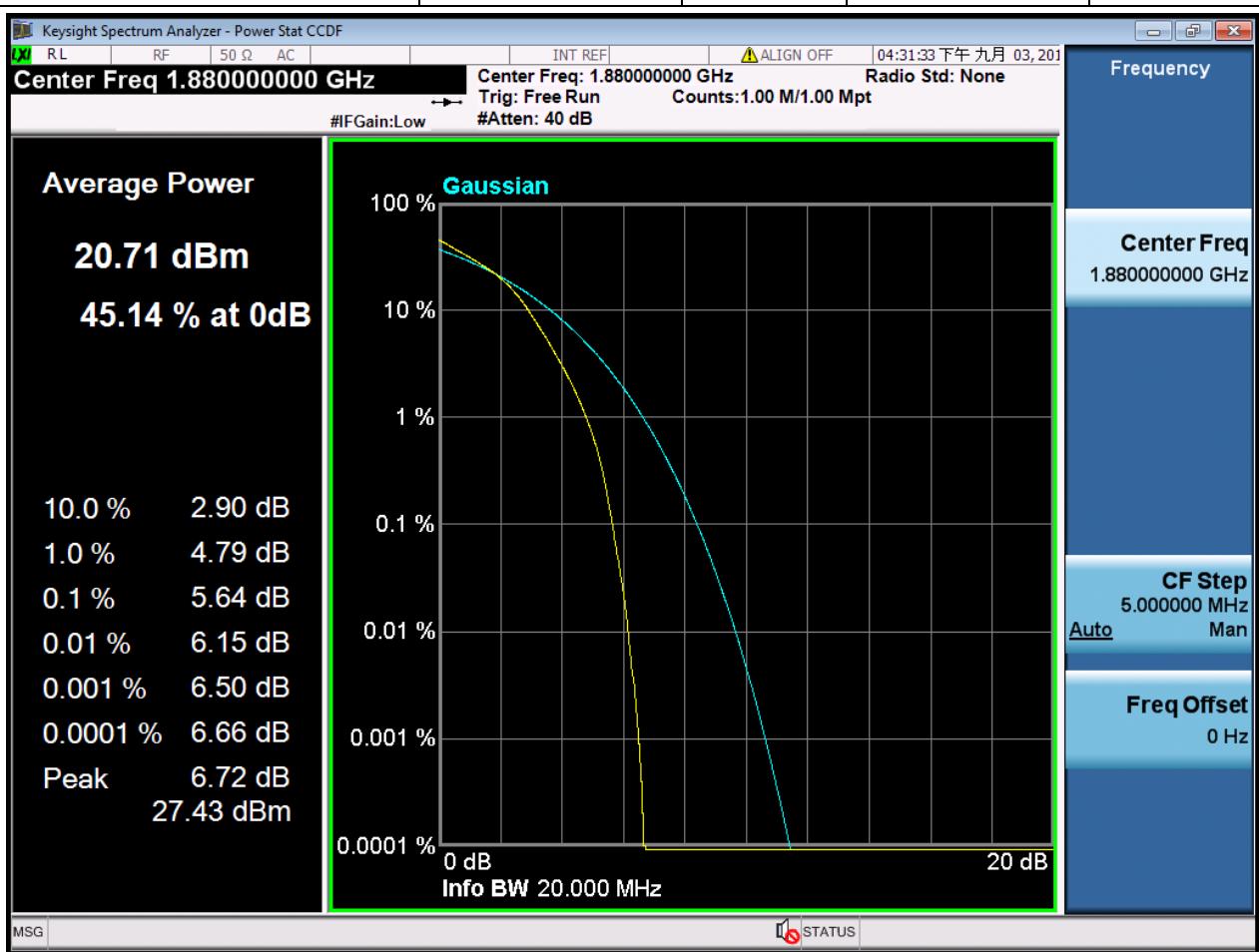
1.83. LTE Peak to Average Ratio(NTNV)(Subtest:83, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.39	13	Pass



1.84. LTE Peak to Average Ratio(NTNV)(Subtest:84, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.64	13	Pass



Average Power
20.71 dBm
45.14 % at 0dB

10.0 %	2.90 dB
1.0 %	4.79 dB
0.1 %	5.64 dB
0.01 %	6.15 dB
0.001 %	6.50 dB
0.0001 %	6.66 dB
Peak	6.72 dB
	27.43 dBm

END