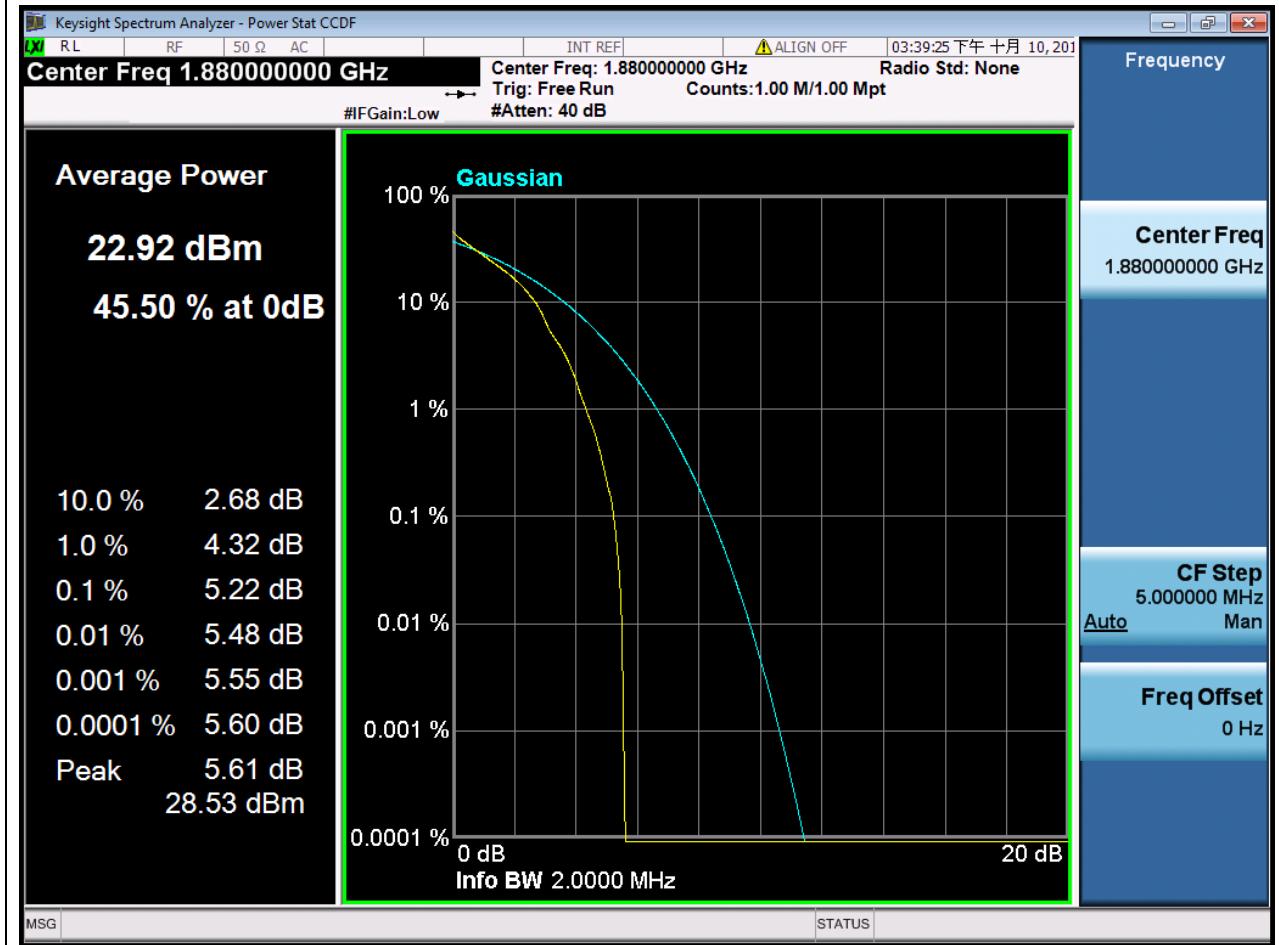


## Annex B. LTE Peak to Average Ratio

## 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	5.22	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	5.14	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:39:29 下午 十月 10, 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 23.07 dBm  
45.88 % at 0dB

10.0 % 2.66 dB  
1.0 % 4.28 dB  
0.1 % 5.14 dB  
0.01 % 5.40 dB  
0.001 % 5.50 dB  
0.0001 % 5.51 dB  
Peak 5.54 dB  
28.61 dBm

Gaussian



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

0 dB 20 dB

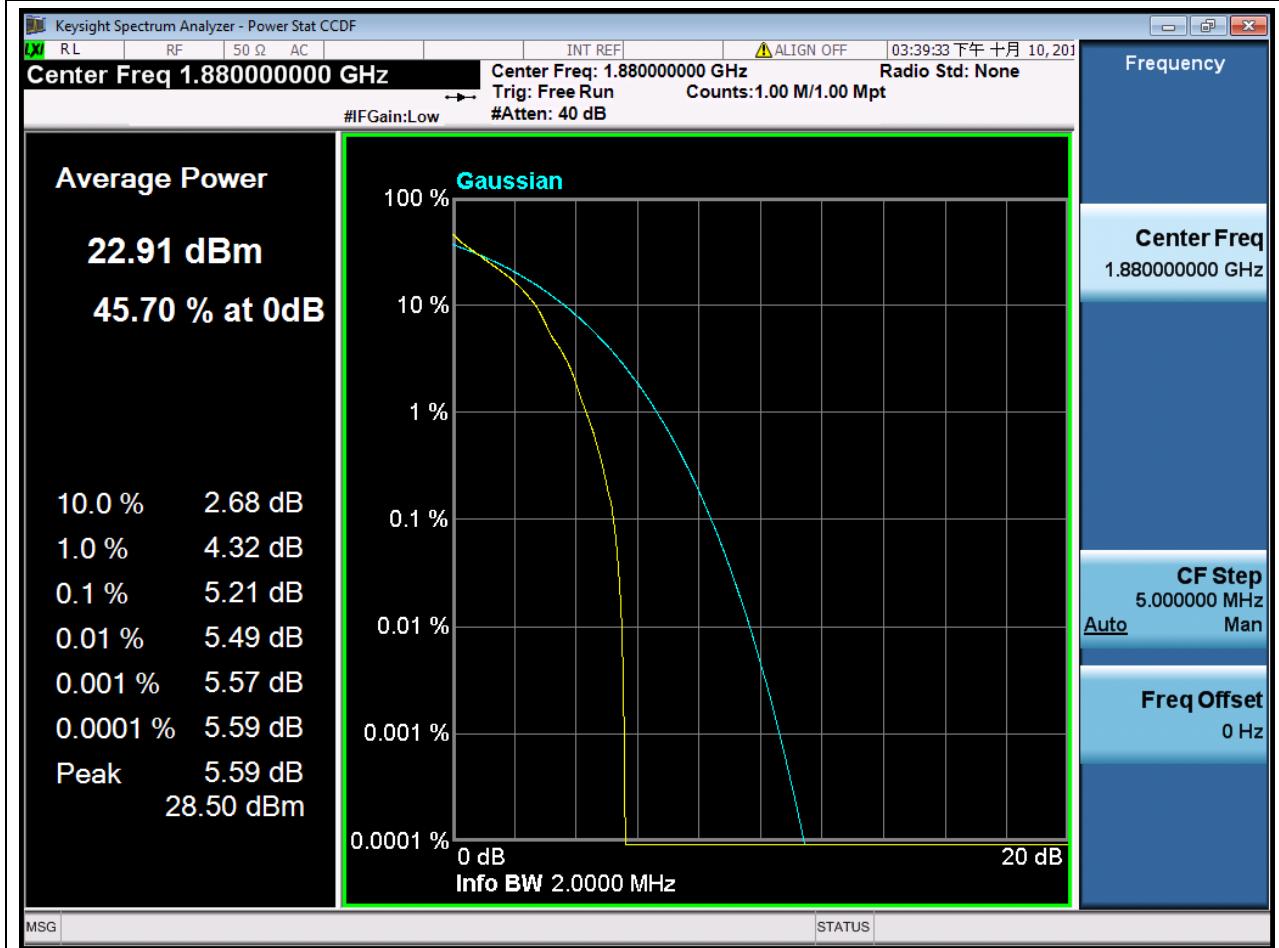
Info BW 2.0000 MHz

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

MSG STATUS

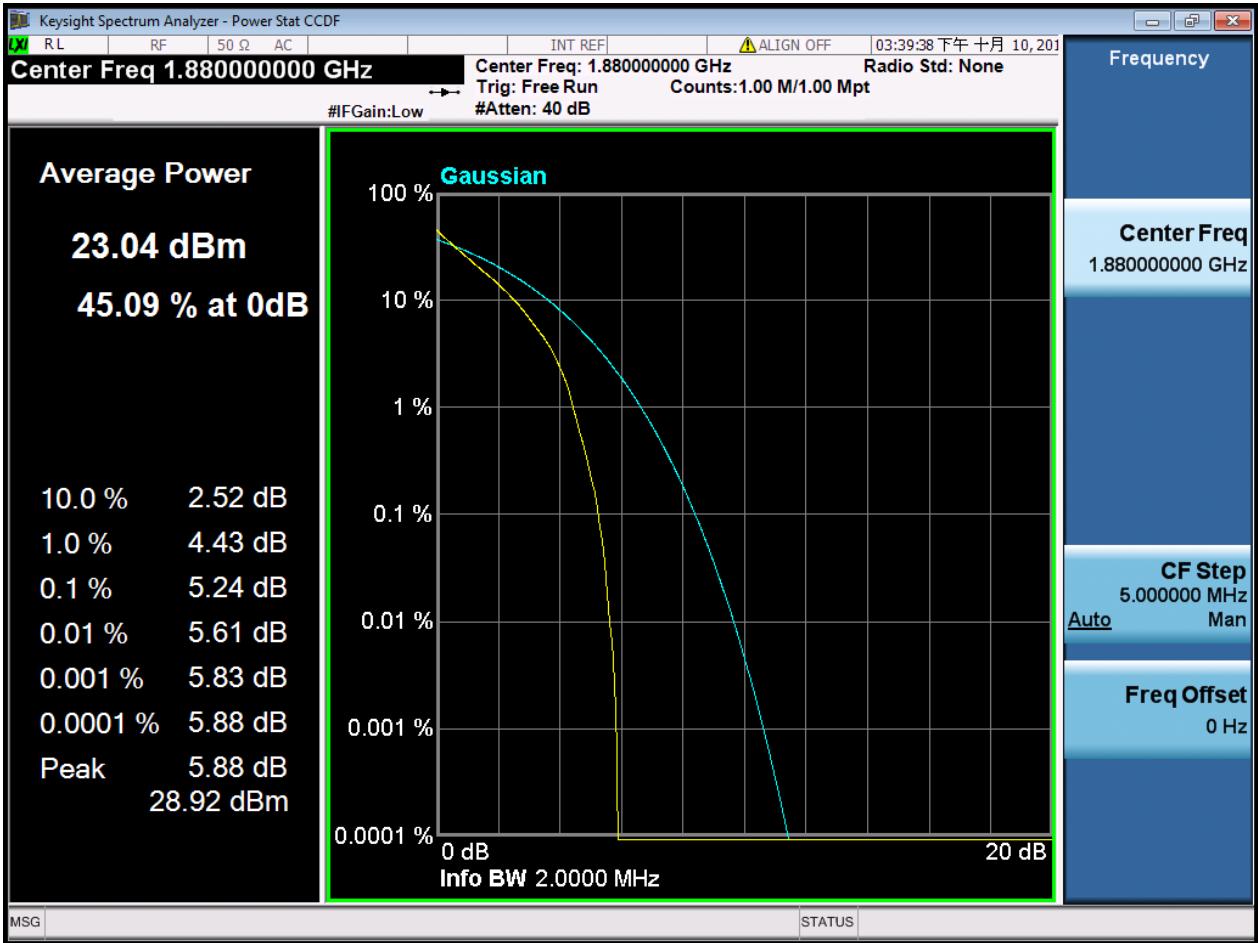
**1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.21	13	Pass



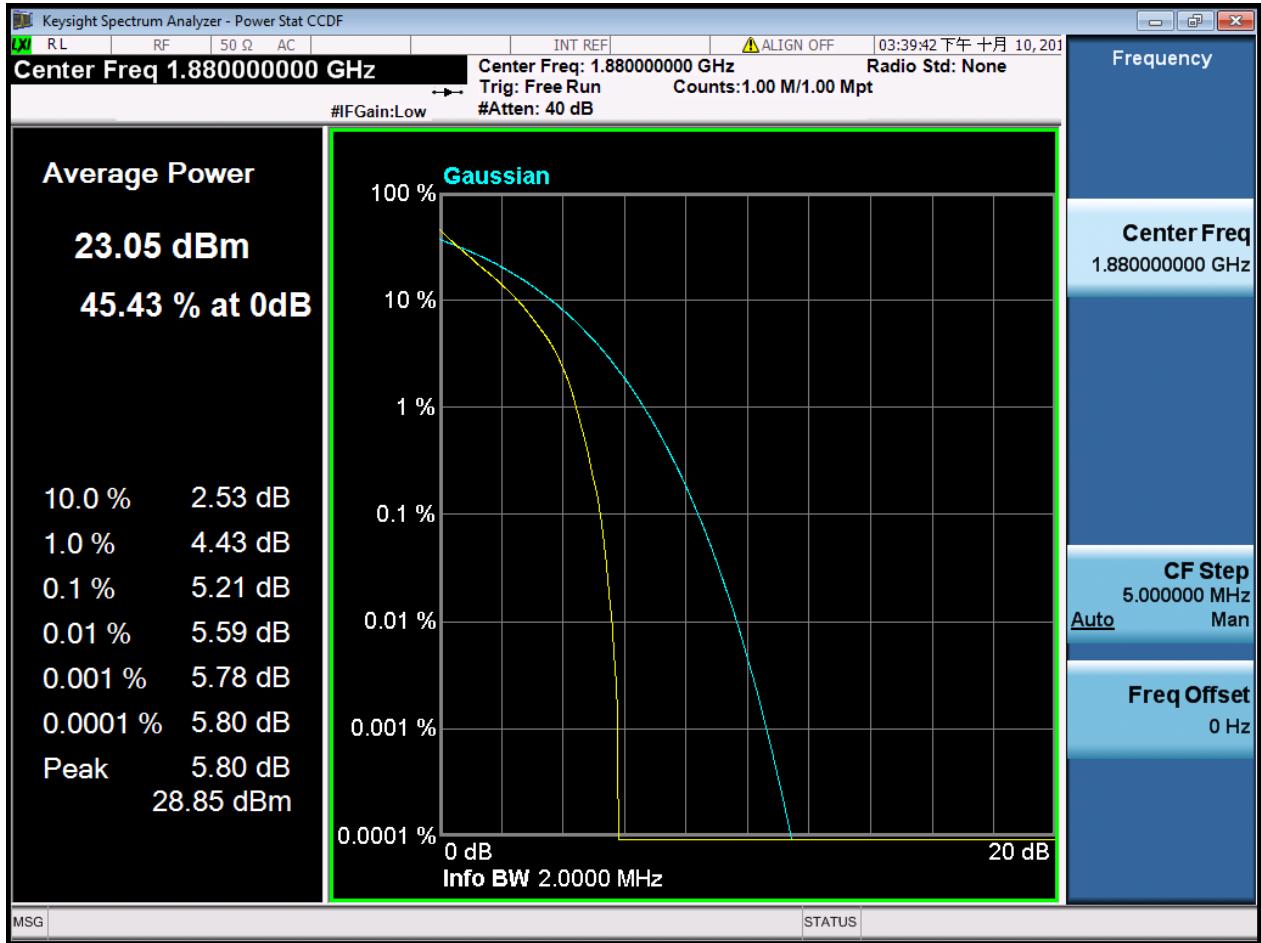
**1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.24	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	5.21	13	Pass



**Average Power**  
**23.05 dBm**  
**45.43 % at 0dB**

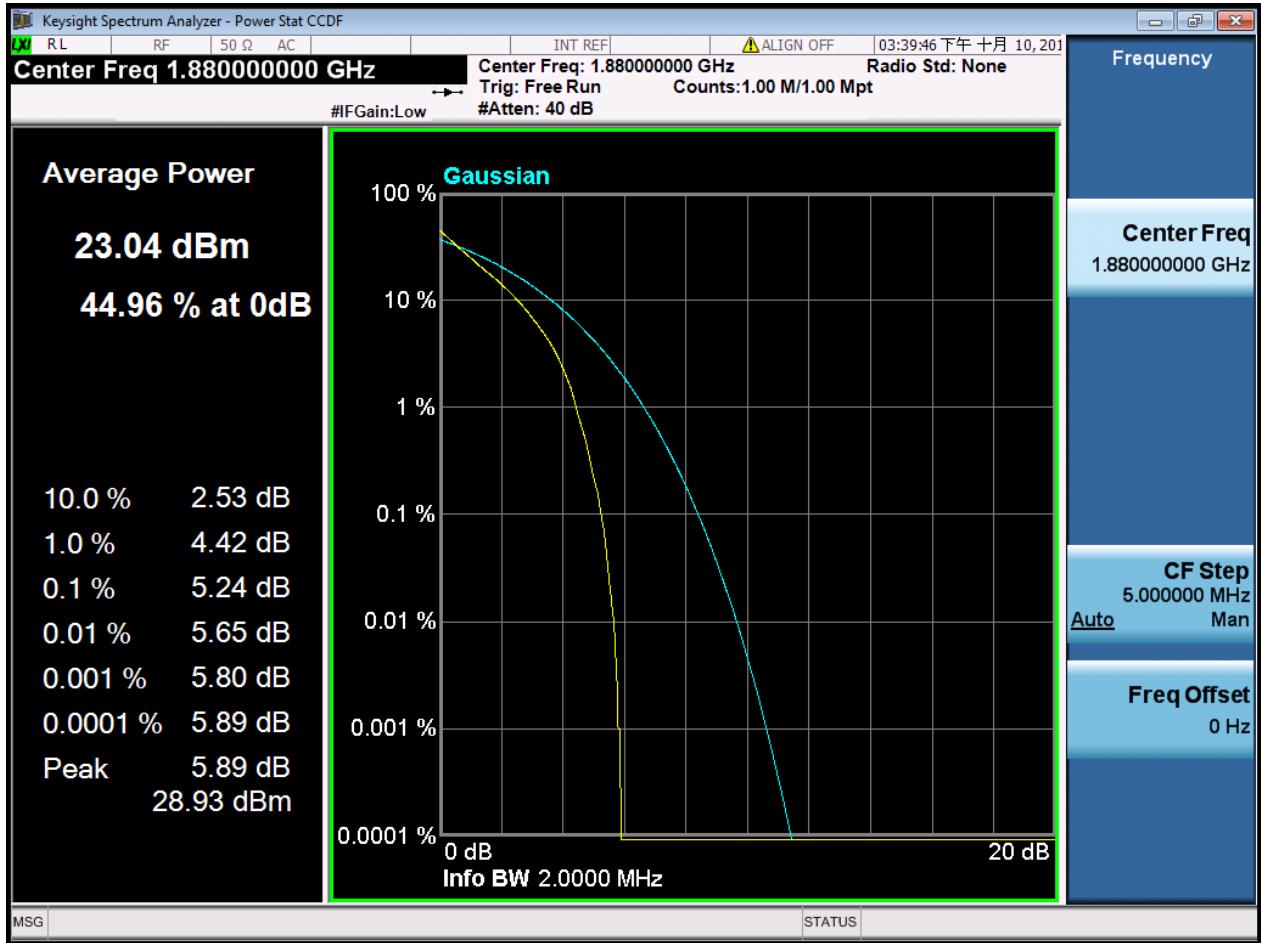
10.0 %	2.53 dB
1.0 %	4.43 dB
0.1 %	5.21 dB
0.01 %	5.59 dB
0.001 %	5.78 dB
0.0001 %	5.80 dB
Peak	5.80 dB
	28.85 dBm

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

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

**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	5.24	13	Pass



**Average Power**  
**23.04 dBm**  
**44.96 % at 0dB**

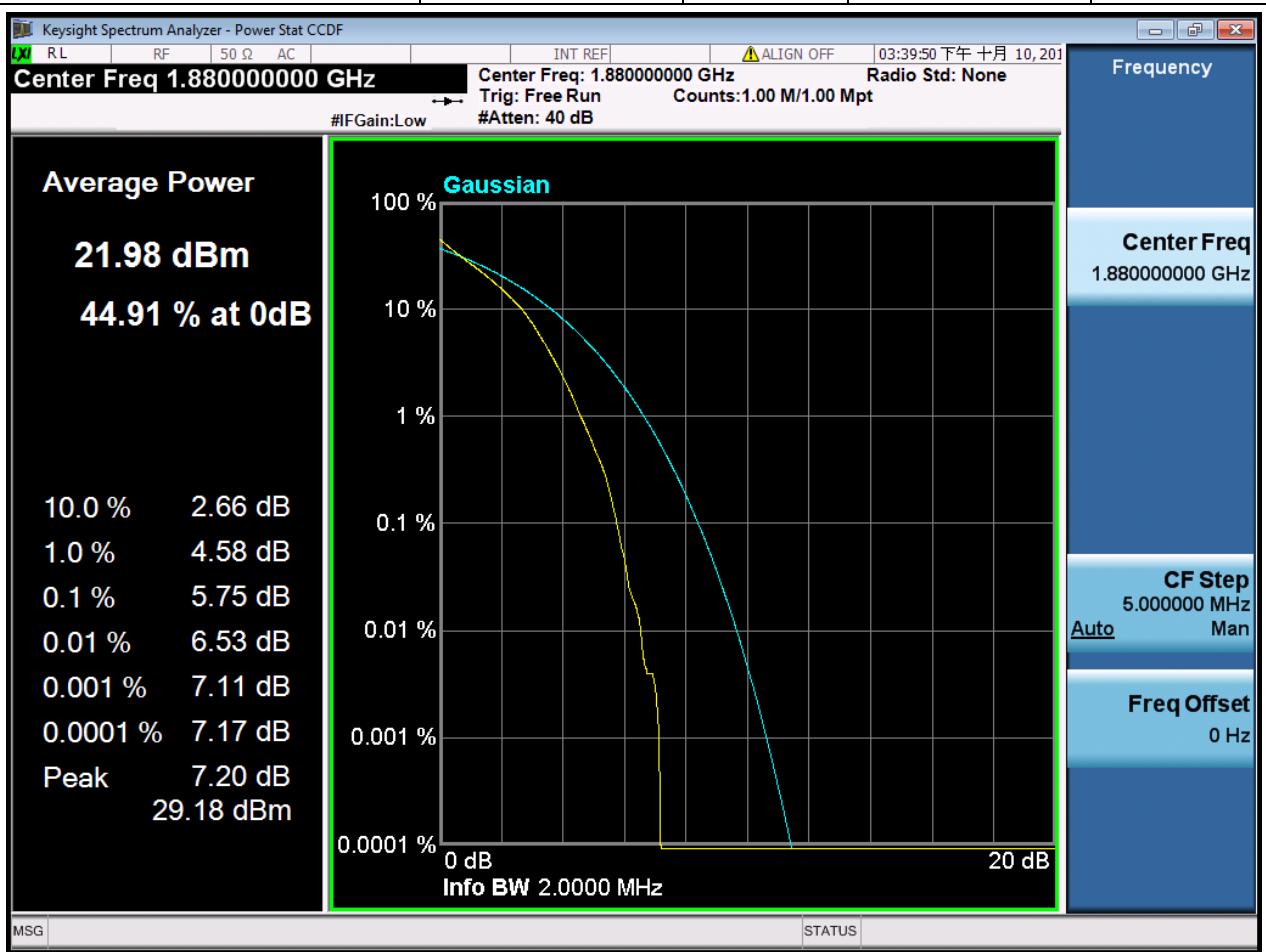
10.0 %	2.53 dB
1.0 %	4.42 dB
0.1 %	5.24 dB
0.01 %	5.65 dB
0.001 %	5.80 dB
0.0001 %	5.89 dB
Peak	5.89 dB
	28.93 dBm

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

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

**1.7. LTE Peak to Average Ratio(NTVV)(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	5.75	13	Pass



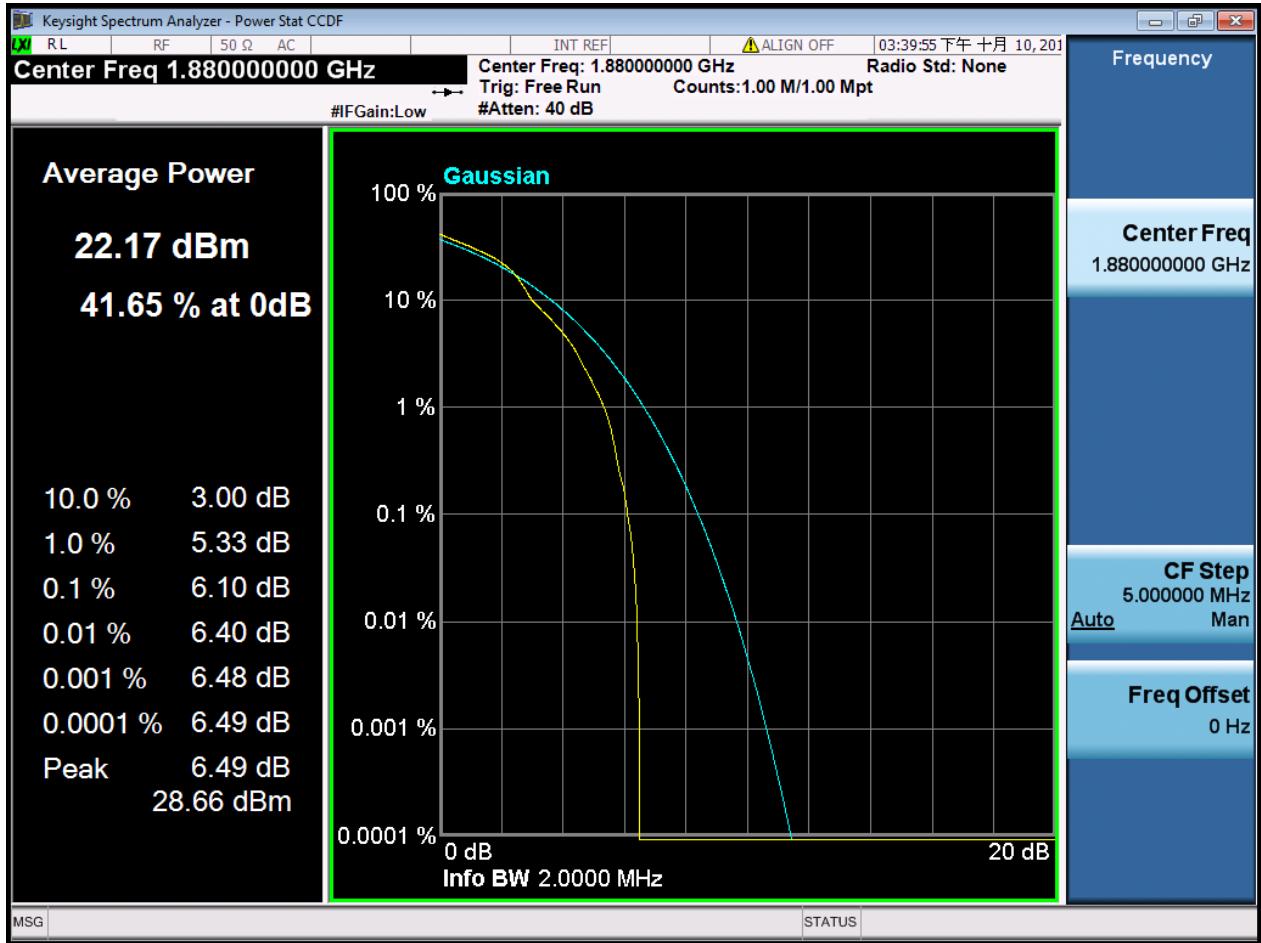
The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF test. The center frequency is set to 1.880000000 GHz. The plot displays the Cumulative Distribution Function (CCDF) of power, with the Y-axis representing percentage from 0.0001% to 100% and the X-axis representing power in dB from 0 dB to 20 dB. A cyan curve represents the measured data, which closely follows a yellow Gaussian reference line. The plot is titled "Gaussian". The "Info BW" is listed as 2.0000 MHz. On the left, a summary table provides detailed power statistics:

Average Power	21.98 dBm
	44.91 % at 0dB
10.0 %	2.66 dB
1.0 %	4.58 dB
0.1 %	5.75 dB
0.01 %	6.53 dB
0.001 %	7.11 dB
0.0001 %	7.17 dB
Peak	7.20 dB
	29.18 dBm

On the right side of the interface, there are three status indicators: "Frequency" (set to 1.880000000 GHz), "CF Step" (set to 5.000000 MHz), and "Freq Offset" (set to 0 Hz). The bottom status bar shows "MSG" and "STATUS".

**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	6.1	13	Pass

Average Power  
**22.17 dBm**  
**41.65 % at 0dB**

10.0 %	3.00 dB
1.0 %	5.33 dB
0.1 %	6.10 dB
0.01 %	6.40 dB
0.001 %	6.48 dB
0.0001 %	6.49 dB
Peak	6.49 dB
	28.66 dBm

**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	6.02	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:39:59 下午 十月 10, 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 22.33 dBm  
41.84 % at 0dB

10.0 % 3.01 dB  
1.0 % 5.26 dB  
0.1 % 6.02 dB  
0.01 % 6.33 dB  
0.001 % 6.44 dB  
0.0001 % 6.48 dB  
Peak 6.48 dB  
28.81 dBm

Gaussian



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

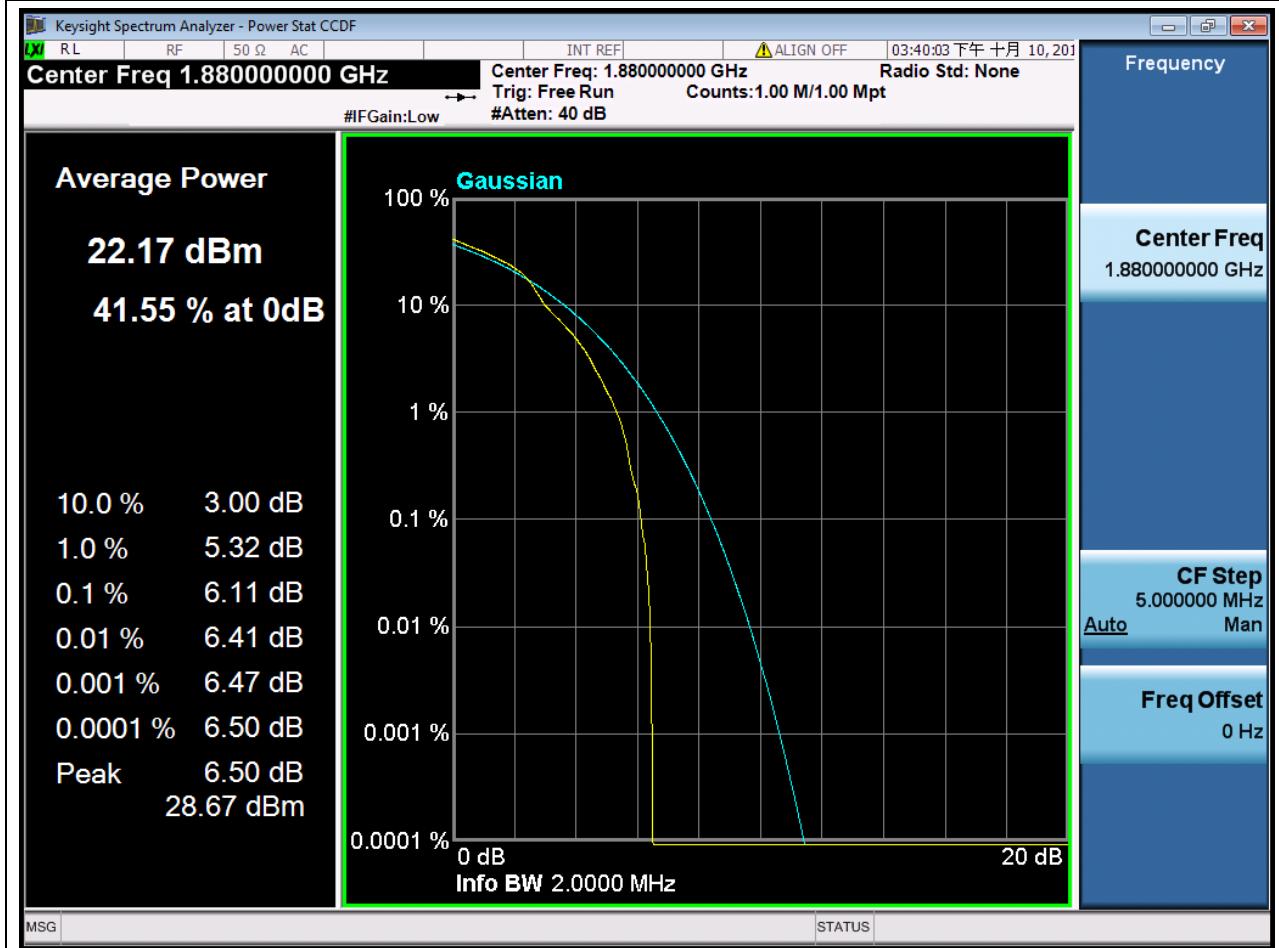
0 dB 20 dB Info BW 2.0000 MHz

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

MSG STATUS

**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	6.11	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	6.16	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:40:08 下午 十月 10, 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 22.14 dBm  
41.61 % at 0dB

10.0 % 3.06 dB  
1.0 % 5.19 dB  
0.1 % 6.16 dB  
0.01 % 6.58 dB  
0.001 % 6.70 dB  
0.0001 % 6.72 dB  
Peak 6.72 dB  
28.86 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 2.0000 MHz

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

MSG STATUS

**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	6.16	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:40:12 下午 十月 10, 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 22.15 dBm  
41.68 % at 0dB

10.0 % 3.05 dB  
1.0 % 5.20 dB  
0.1 % 6.16 dB  
0.01 % 6.55 dB  
0.001 % 6.68 dB  
0.0001 % 6.72 dB  
Peak 6.72 dB  
28.87 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 2.0000 MHz

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

**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	6.2	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:40:16 下午 十月 10, 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  
**22.14 dBm**  
**41.72 % at 0dB**

10.0 % 3.06 dB  
1.0 % 5.20 dB  
0.1 % 6.20 dB  
0.01 % 6.59 dB  
0.001 % 6.74 dB  
0.0001 % 6.77 dB  
Peak 6.77 dB  
28.91 dBm

Gaussian



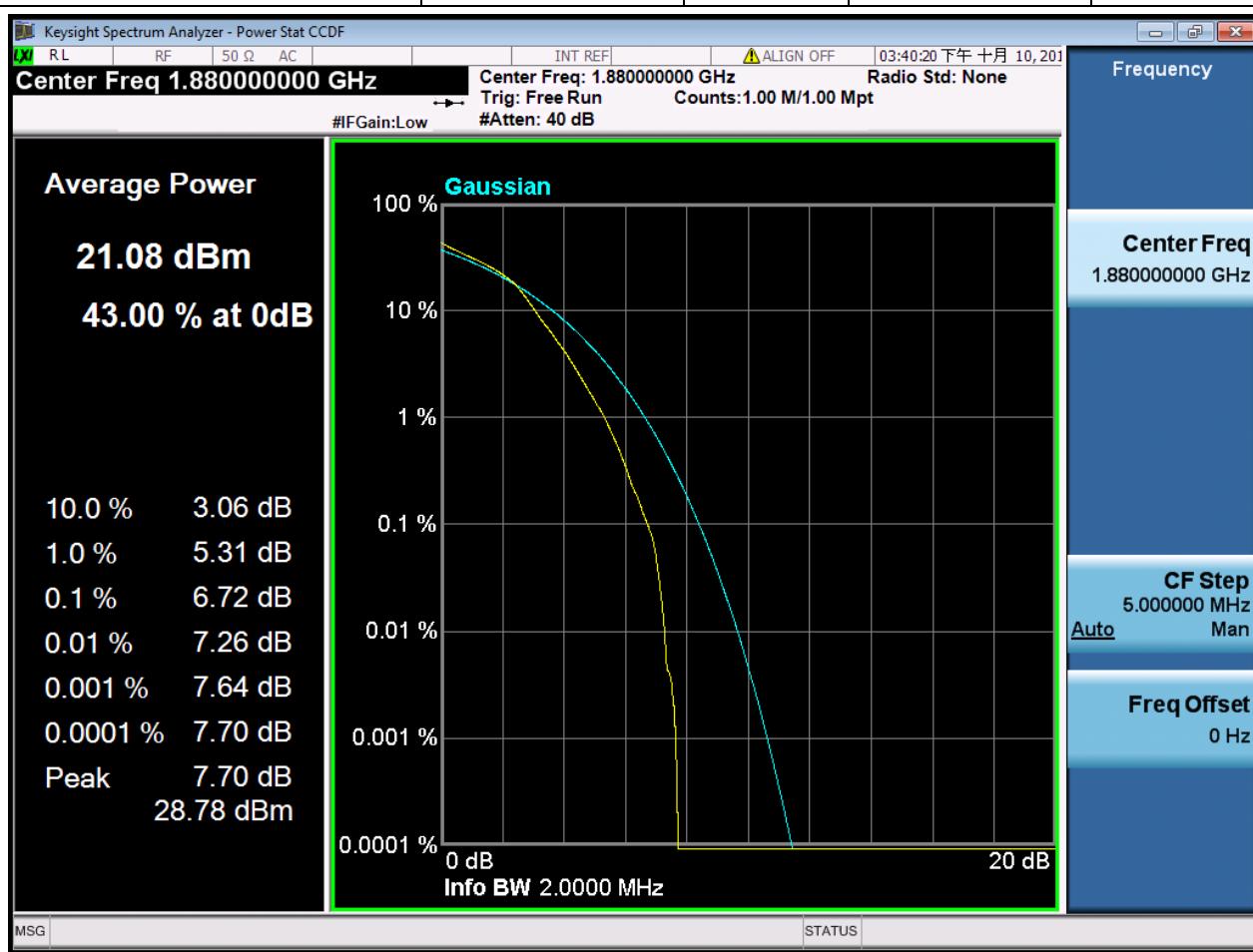
0.0001 % 0 dB 20 dB Info BW 2.0000 MHz

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

MSG STATUS

**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	6.72	13	Pass



Average Power  
21.08 dBm  
43.00 % at 0dB

10.0 %	3.06 dB
1.0 %	5.31 dB
0.1 %	6.72 dB
0.01 %	7.26 dB
0.001 %	7.64 dB
0.0001 %	7.70 dB
Peak	7.70 dB
	28.78 dBm

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

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

**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	5.25	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:41:19 下午 十月 10, 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 23.01 dBm  
45.80 % at 0dB

10.0 % 2.68 dB  
1.0 % 4.47 dB  
0.1 % 5.25 dB  
0.01 % 5.64 dB  
0.001 % 5.84 dB  
0.0001 % 5.87 dB  
Peak 5.87 dB  
28.88 dBm

Gaussian



0 dB 20 dB  
Info BW 3.0000 MHz

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

MSG STATUS

**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	5.21	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:41:23 下午 十月 10, 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  
**22.99 dBm**  
**45.68 % at 0dB**

10.0 % 2.68 dB  
1.0 % 4.46 dB  
0.1 % 5.21 dB  
0.01 % 5.65 dB  
0.001 % 5.77 dB  
0.0001 % 5.81 dB  
Peak 5.81 dB  
28.80 dBm

Gaussian



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

MSG STATUS

**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	5.24	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:41:27 下午 十月 10, 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 22.99 dBm  
45.64 % at 0dB

10.0 % 2.68 dB  
1.0 % 4.46 dB  
0.1 % 5.24 dB  
0.01 % 5.71 dB  
0.001 % 5.93 dB  
0.0001 % 5.95 dB  
Peak 5.96 dB  
28.95 dBm

Gaussian



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

0 dB 20 dB

Info BW 3.0000 MHz

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

MSG STATUS

**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	5.75	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:41:31 下午 十月 10, 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 22.05 dBm  
43.71 % at 0dB

10.0 % 2.64 dB  
1.0 % 4.62 dB  
0.1 % 5.75 dB  
0.01 % 6.50 dB  
0.001 % 6.73 dB  
0.0001 % 6.88 dB  
Peak 6.93 dB  
28.98 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 3.0000 MHz

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

MSG STATUS

**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	5.74	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:41:35 下午 十月 10, 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 22.10 dBm  
43.81 % at 0dB

10.0 % 2.64 dB  
1.0 % 4.64 dB  
0.1 % 5.74 dB  
0.01 % 6.49 dB  
0.001 % 6.76 dB  
0.0001 % 6.83 dB  
Peak 6.90 dB  
29.00 dBm

Gaussian



0.0001 % 0 dB 20 dB  
Info BW 3.0000 MHz

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

MSG STATUS

**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	5.78	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:41:39 下午 十月 10, 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 22.04 dBm  
43.94 % at 0dB

10.0 % 2.64 dB  
1.0 % 4.68 dB  
0.1 % 5.78 dB  
0.01 % 6.44 dB  
0.001 % 6.73 dB  
0.0001 % 6.86 dB  
Peak 6.87 dB  
28.91 dBm

Gaussian



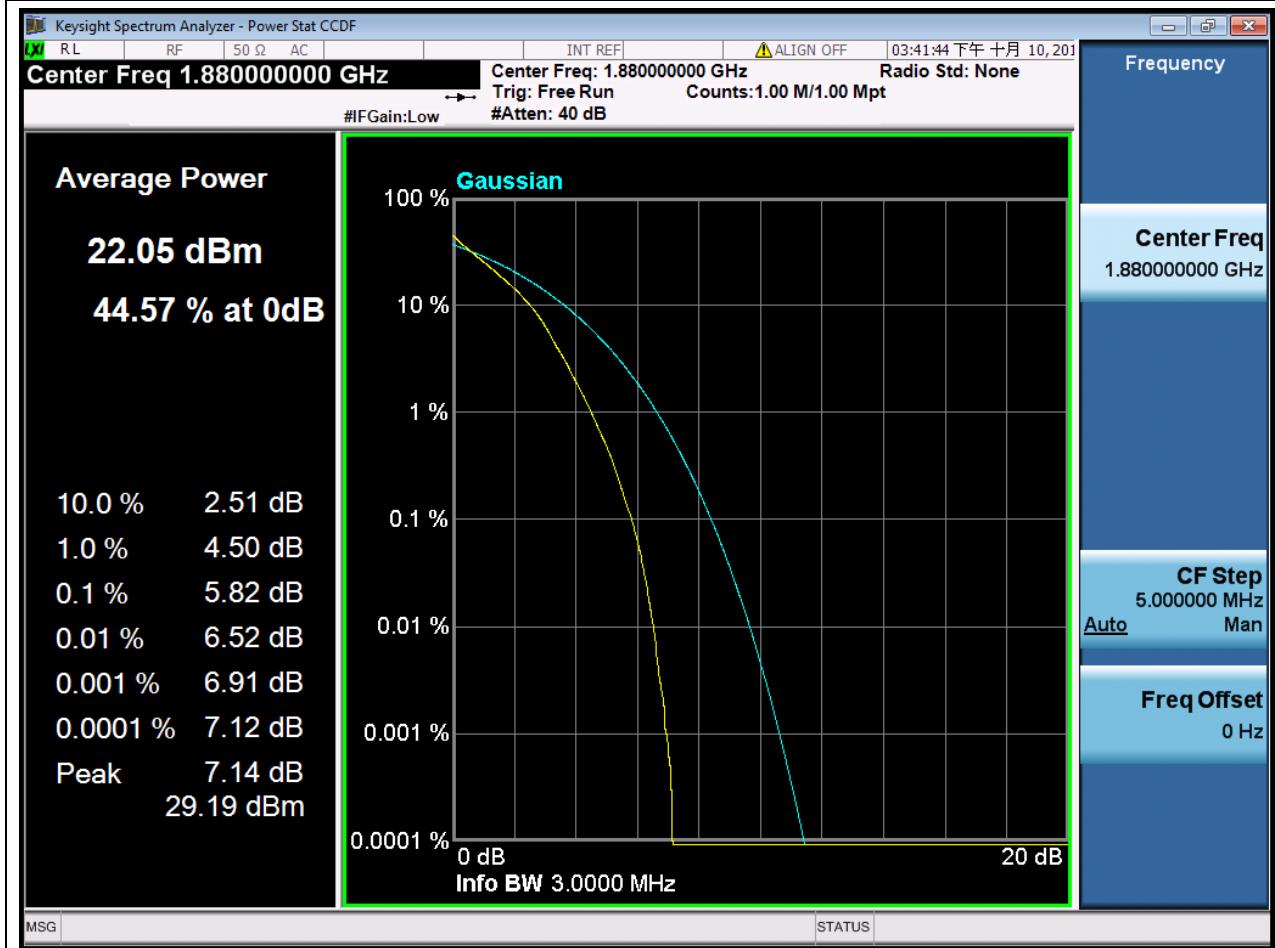
0.0001 % 0 dB 20 dB Info BW 3.0000 MHz

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

MSG STATUS

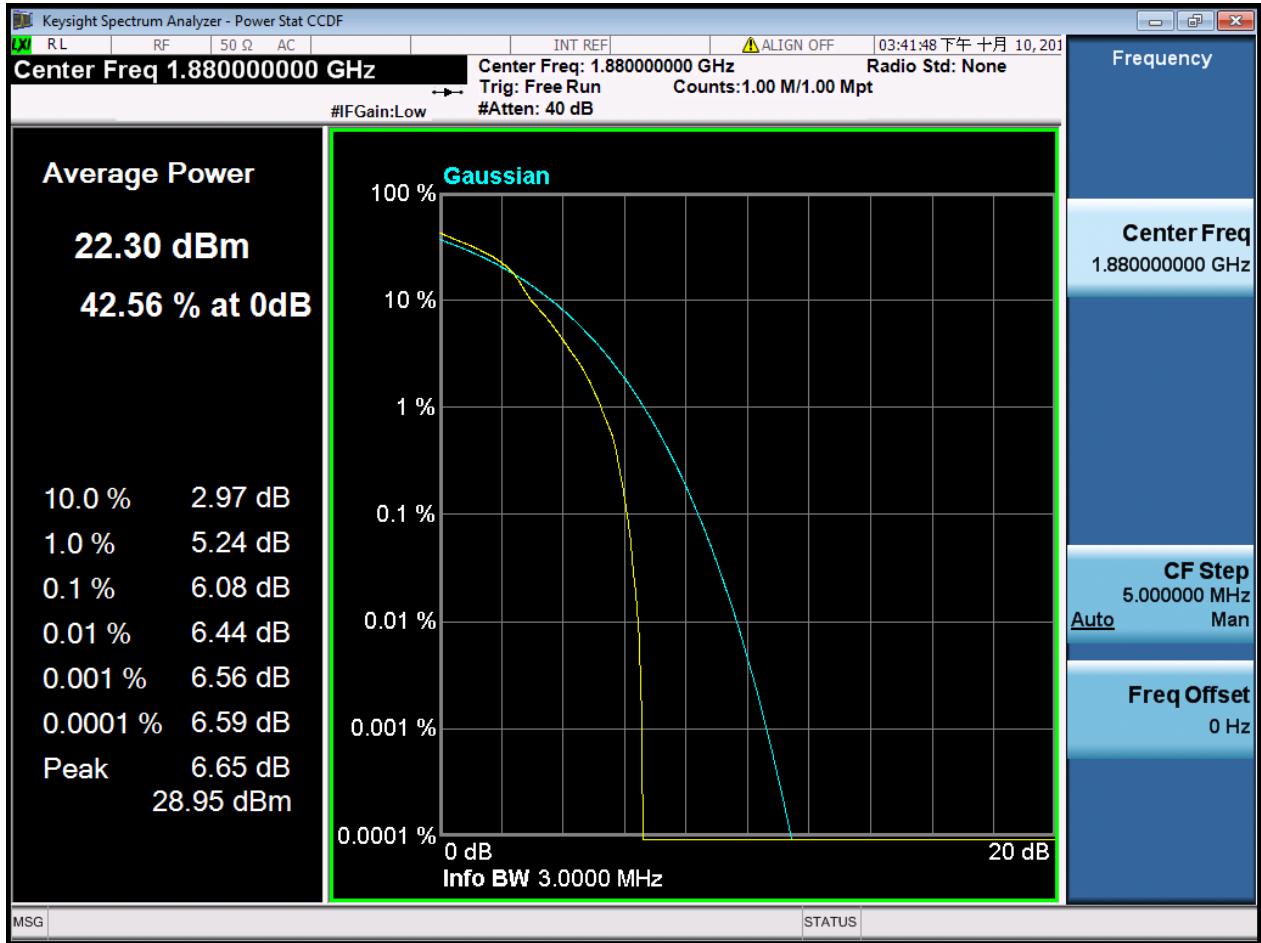
**1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.82	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	6.08	13	Pass



**Average Power**  
**22.30 dBm**  
**42.56 % at 0dB**

10.0 %	2.97 dB
1.0 %	5.24 dB
0.1 %	6.08 dB
0.01 %	6.44 dB
0.001 %	6.56 dB
0.0001 %	6.59 dB
Peak	6.65 dB
	28.95 dBm

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

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

**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	6.06	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:41:52 下午 十月 10, 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  
**22.31 dBm**  
**42.44 % at 0dB**

10.0 % 2.96 dB  
1.0 % 5.21 dB  
0.1 % 6.06 dB  
0.01 % 6.39 dB  
0.001 % 6.49 dB  
0.0001 % 6.51 dB  
Peak 6.54 dB  
28.85 dBm

Gaussian



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

0 dB 20 dB

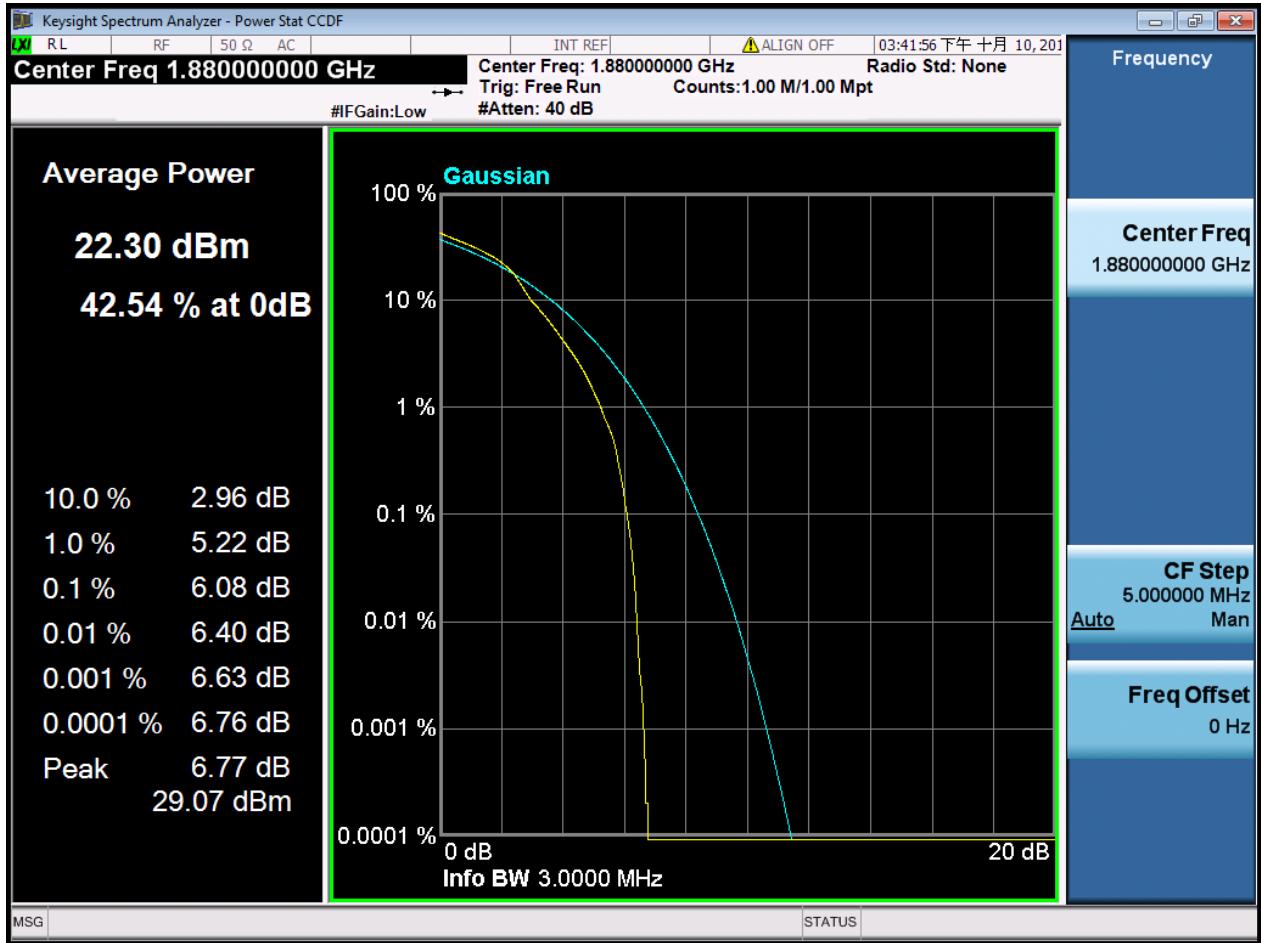
Info BW 3.0000 MHz

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

MSG STATUS

**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	6.08	13	Pass



**Average Power**  
**22.30 dBm**  
**42.54 % at 0dB**

10.0 %	2.96 dB
1.0 %	5.22 dB
0.1 %	6.08 dB
0.01 %	6.40 dB
0.001 %	6.63 dB
0.0001 %	6.76 dB
Peak	6.77 dB
	29.07 dBm

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

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

**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	6.43	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:42:00 下午 十月 10, 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 21.13 dBm  
42.09 % at 0dB

10.0 % 3.04 dB  
1.0 % 5.26 dB  
0.1 % 6.43 dB  
0.01 % 7.33 dB  
0.001 % 7.89 dB  
0.0001 % 7.99 dB  
Peak 8.00 dB  
29.13 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 3.0000 MHz

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

**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	6.47	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:42:04 下午 十月 10, 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  
**21.16 dBm**  
**42.05 % at 0dB**

10.0 % 3.06 dB  
1.0 % 5.29 dB  
0.1 % 6.47 dB  
0.01 % 7.28 dB  
0.001 % 7.49 dB  
0.0001 % 7.62 dB  
Peak 7.63 dB  
28.79 dBm

Gaussian



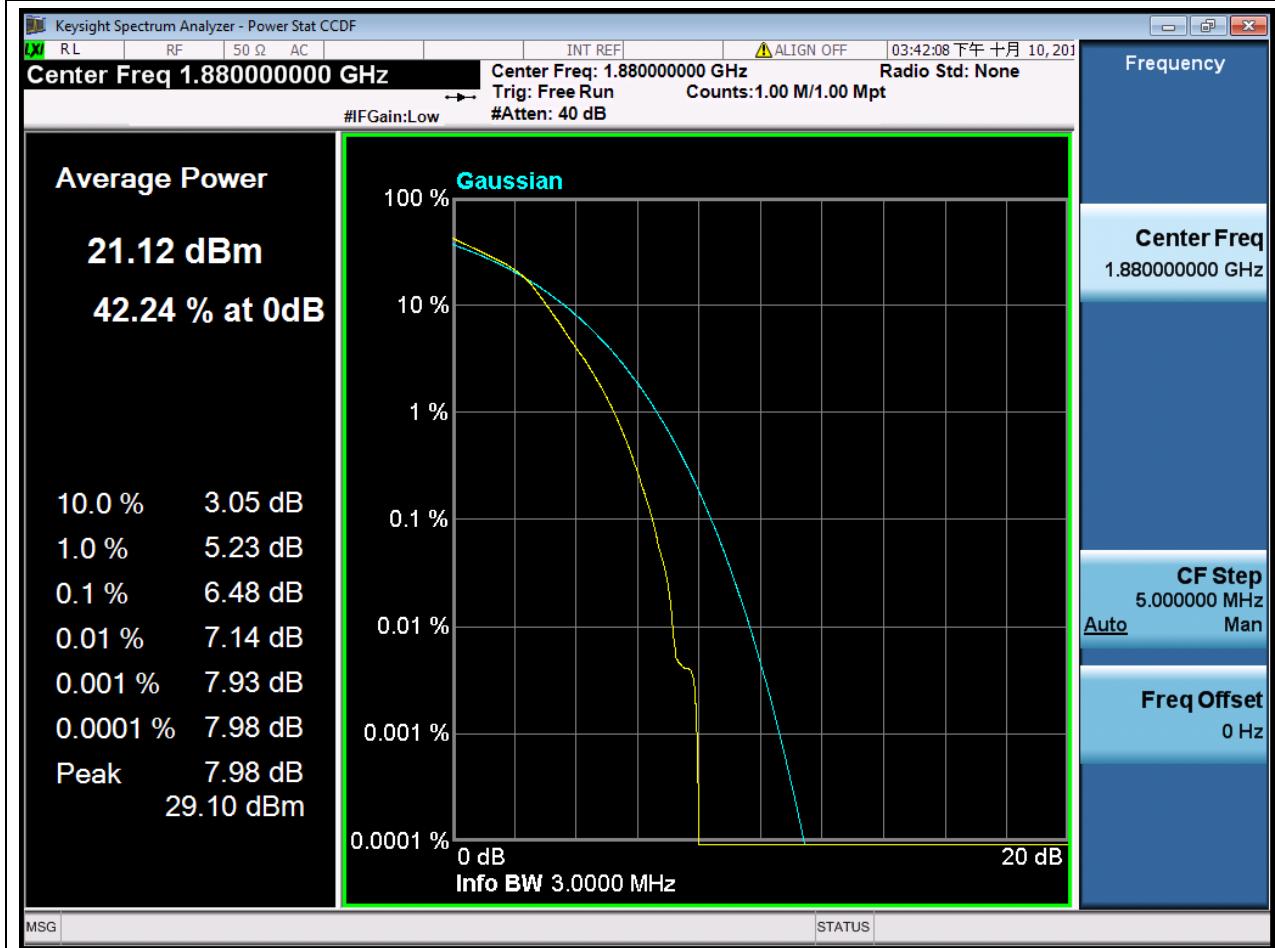
0.0001 % 0 dB 20 dB  
Info BW 3.0000 MHz

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

MSG STATUS

**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	6.48	13	Pass



**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	6.7	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:42:13 下午 十月 10, 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 21.08 dBm  
43.00 % at 0dB

10.0 % 2.95 dB  
1.0 % 5.23 dB  
0.1 % 6.70 dB  
0.01 % 7.65 dB  
0.001 % 8.14 dB  
0.0001 % 8.25 dB  
Peak 8.27 dB  
29.35 dBm

Gaussian



Info BW 3.0000 MHz

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

MSG STATUS

**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	5.2	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:43:12 下午 十月 10, 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 22.91 dBm  
44.67 % at 0dB

10.0 % 2.65 dB  
1.0 % 4.39 dB  
0.1 % 5.20 dB  
0.01 % 5.76 dB  
0.001 % 5.84 dB  
0.0001 % 5.87 dB  
Peak 5.87 dB  
28.78 dBm

Gaussian



Info BW 5.0000 MHz

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

MSG STATUS

**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	5.1	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:43:16 下午 十月 10, 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 23.03 dBm  
45.05 % at 0dB

10.0 % 2.64 dB  
1.0 % 4.33 dB  
0.1 % 5.10 dB  
0.01 % 5.60 dB  
0.001 % 5.73 dB  
0.0001 % 5.76 dB  
Peak 5.76 dB  
28.79 dBm

Gaussian

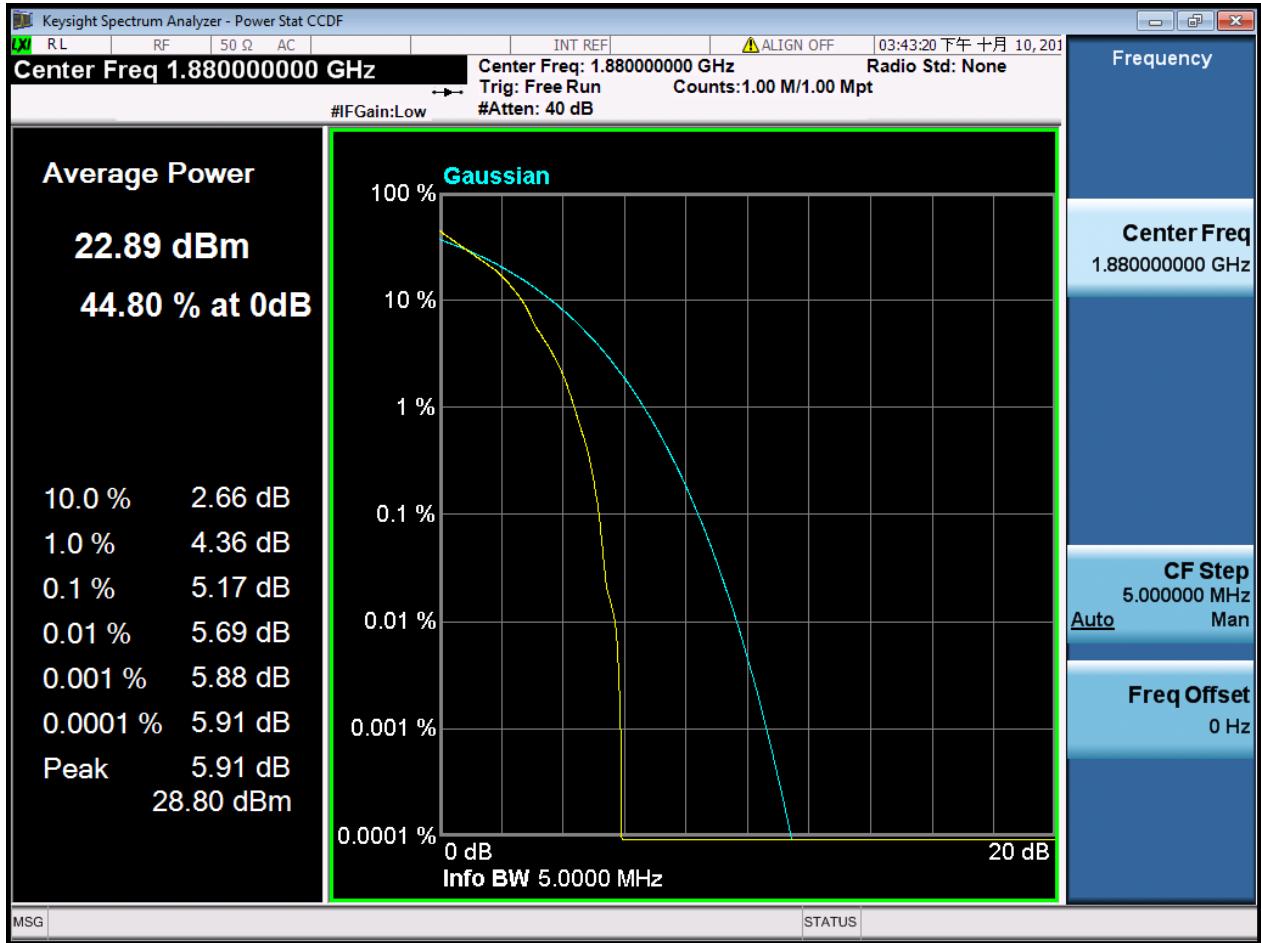


Info BW 5.0000 MHz

Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz  
Auto Man  
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	5.17	13	Pass



Average Power  
**22.89 dBm**  
**44.80 % at 0dB**

10.0 %	2.66 dB
1.0 %	4.36 dB
0.1 %	5.17 dB
0.01 %	5.69 dB
0.001 %	5.88 dB
0.0001 %	5.91 dB
Peak	5.91 dB
	28.80 dBm

Center Freq 1.880000000 GHz  
Radio Std: None  
Trig: Free Run 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 5.0000 MHz

MSG STATUS

**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	5.63	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:43:24 下午 十月 10, 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 22.07 dBm  
44.60 % at 0dB

10.0 % 2.50 dB  
1.0 % 4.56 dB  
0.1 % 5.63 dB  
0.01 % 6.19 dB  
0.001 % 6.35 dB  
0.0001 % 6.42 dB  
Peak 6.48 dB  
28.55 dBm

Gaussian



0 dB 20 dB Info BW 5.0000 MHz

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

MSG STATUS

**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	5.69	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

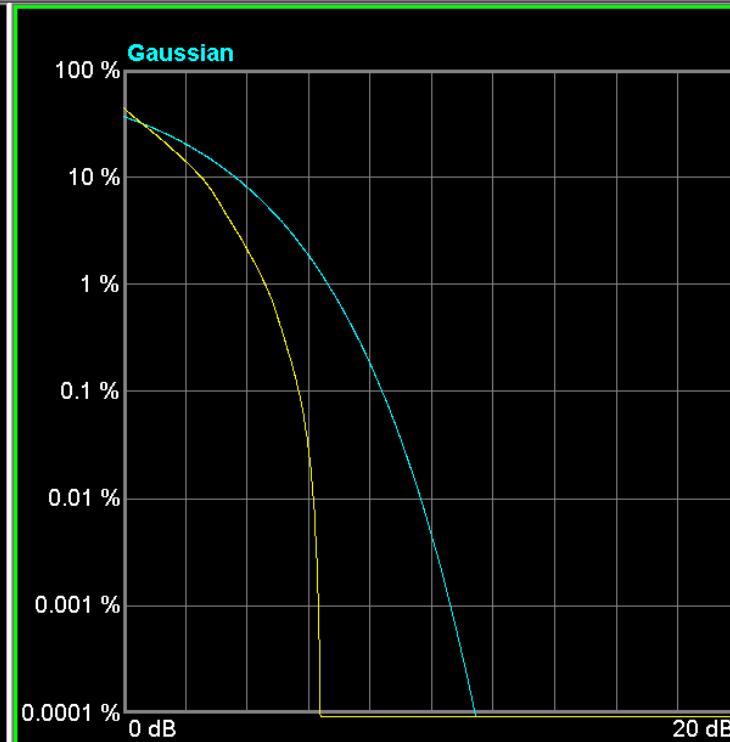
RL RF 50 Ω AC INT REF ALIGN OFF 03:43:29 下午 十月 10, 201

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 22.11 dBm  
44.30 % at 0dB

10.0 % 2.52 dB  
1.0 % 4.59 dB  
0.1 % 5.69 dB  
0.01 % 6.15 dB  
0.001 % 6.31 dB  
0.0001 % 6.38 dB  
Peak 6.39 dB  
28.50 dBm

Gaussian



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

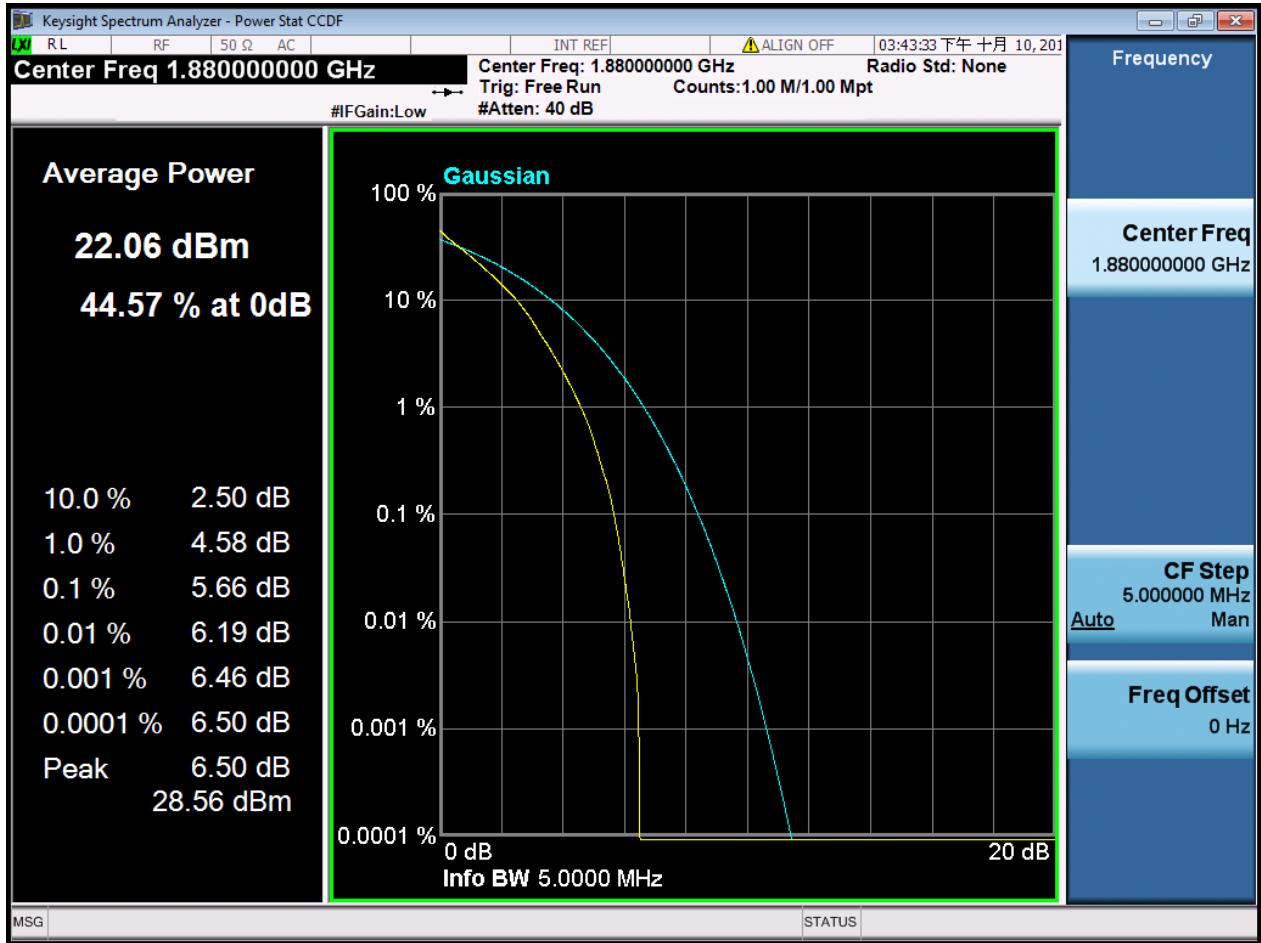
0 dB 20 dB Info BW 5.0000 MHz

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

MSG STATUS

**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	5.66	13	Pass



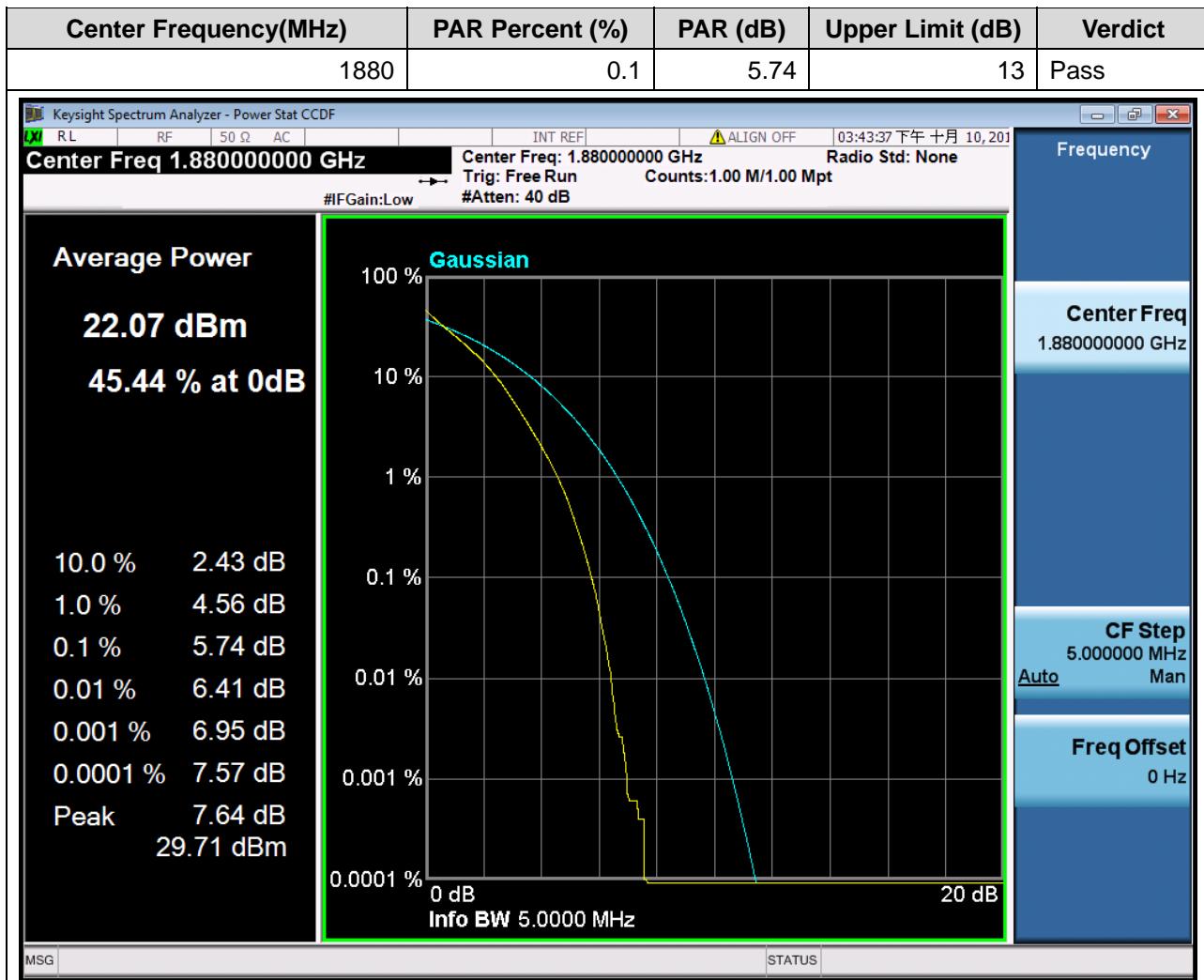
**Average Power**  
**22.06 dBm**  
**44.57 % at 0dB**

10.0 %	2.50 dB
1.0 %	4.58 dB
0.1 %	5.66 dB
0.01 %	6.19 dB
0.001 %	6.46 dB
0.0001 %	6.50 dB
Peak	6.50 dB
	28.56 dBm

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

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

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



**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	6.15	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:43:42 下午 十月 10, 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  
**22.36 dBm**  
**42.81 % at 0dB**

10.0 % 2.80 dB  
1.0 % 5.16 dB  
0.1 % 6.15 dB  
0.01 % 6.46 dB  
0.001 % 6.51 dB  
0.0001 % 6.52 dB  
Peak 6.56 dB  
28.92 dBm

Gaussian



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

0 dB 20 dB Info BW 5.0000 MHz

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

MSG STATUS

**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	5.96	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:43:46 下午 十月 10, 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  
**22.45 dBm**  
**43.09 % at 0dB**

10.0 % 2.83 dB  
1.0 % 5.07 dB  
0.1 % 5.96 dB  
0.01 % 6.29 dB  
0.001 % 6.37 dB  
0.0001 % 6.39 dB  
Peak 6.46 dB  
28.91 dBm

Gaussian



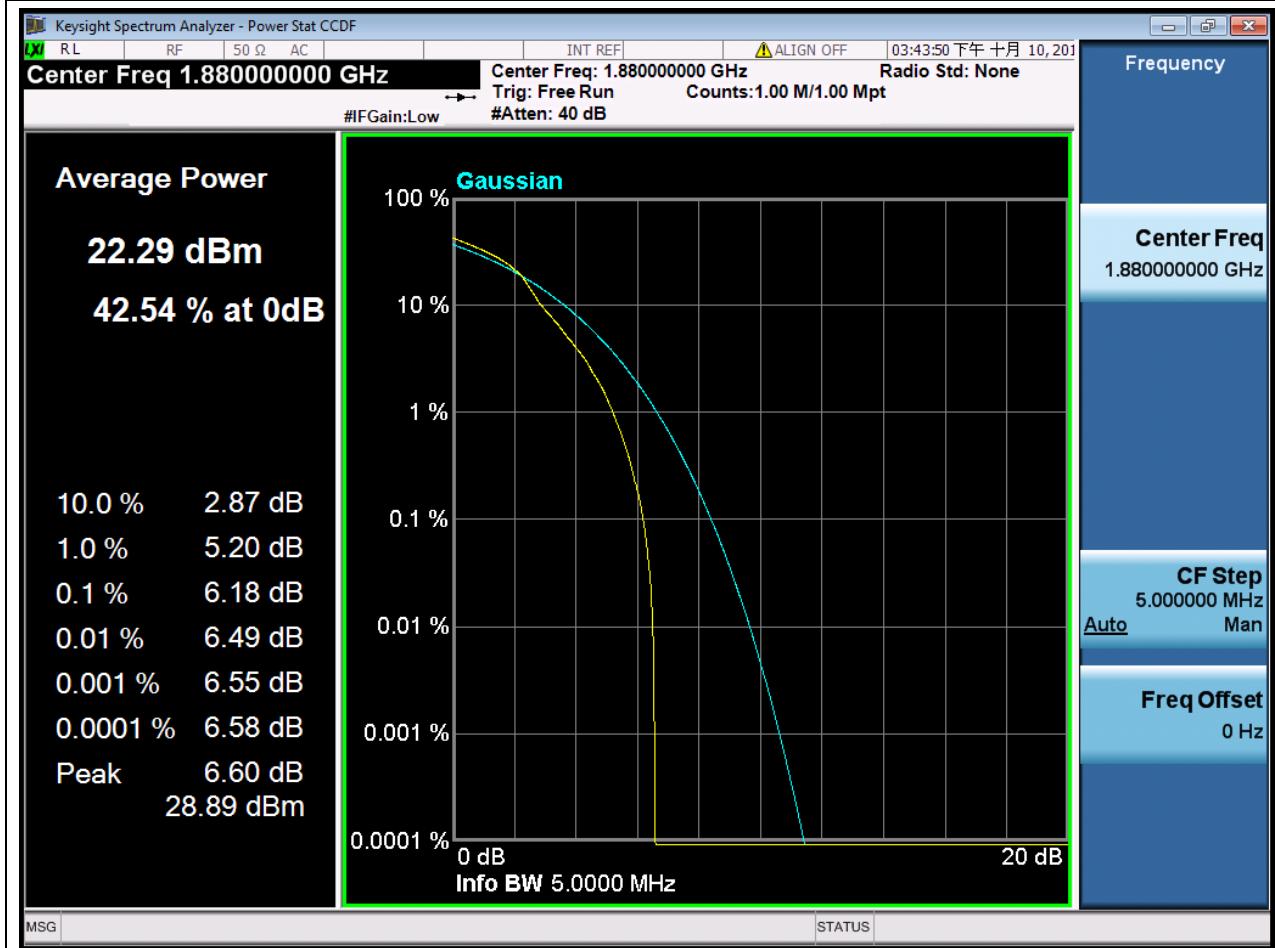
0 dB 20 dB  
Info BW 5.0000 MHz

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

MSG STATUS

**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	6.18	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	6.53	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:43:54 下午 十月 10, 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  
**21.12 dBm**  
**42.43 % at 0dB**

10.0 % 2.92 dB  
1.0 % 5.17 dB  
0.1 % 6.53 dB  
0.01 % 7.34 dB  
0.001 % 7.64 dB  
0.0001 % 7.69 dB  
Peak 7.70 dB  
28.82 dBm

Gaussian



0.0001 % 0 dB 20 dB  
Info BW 5.0000 MHz

Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz Man  
Auto  
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	6.51	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:43:58 下午 十月 10, 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  
**21.15 dBm**  
**42.30 % at 0dB**

10.0 % 2.95 dB  
1.0 % 5.19 dB  
0.1 % 6.51 dB  
0.01 % 7.28 dB  
0.001 % 7.59 dB  
0.0001 % 7.68 dB  
Peak 7.73 dB  
28.88 dBm

Gaussian

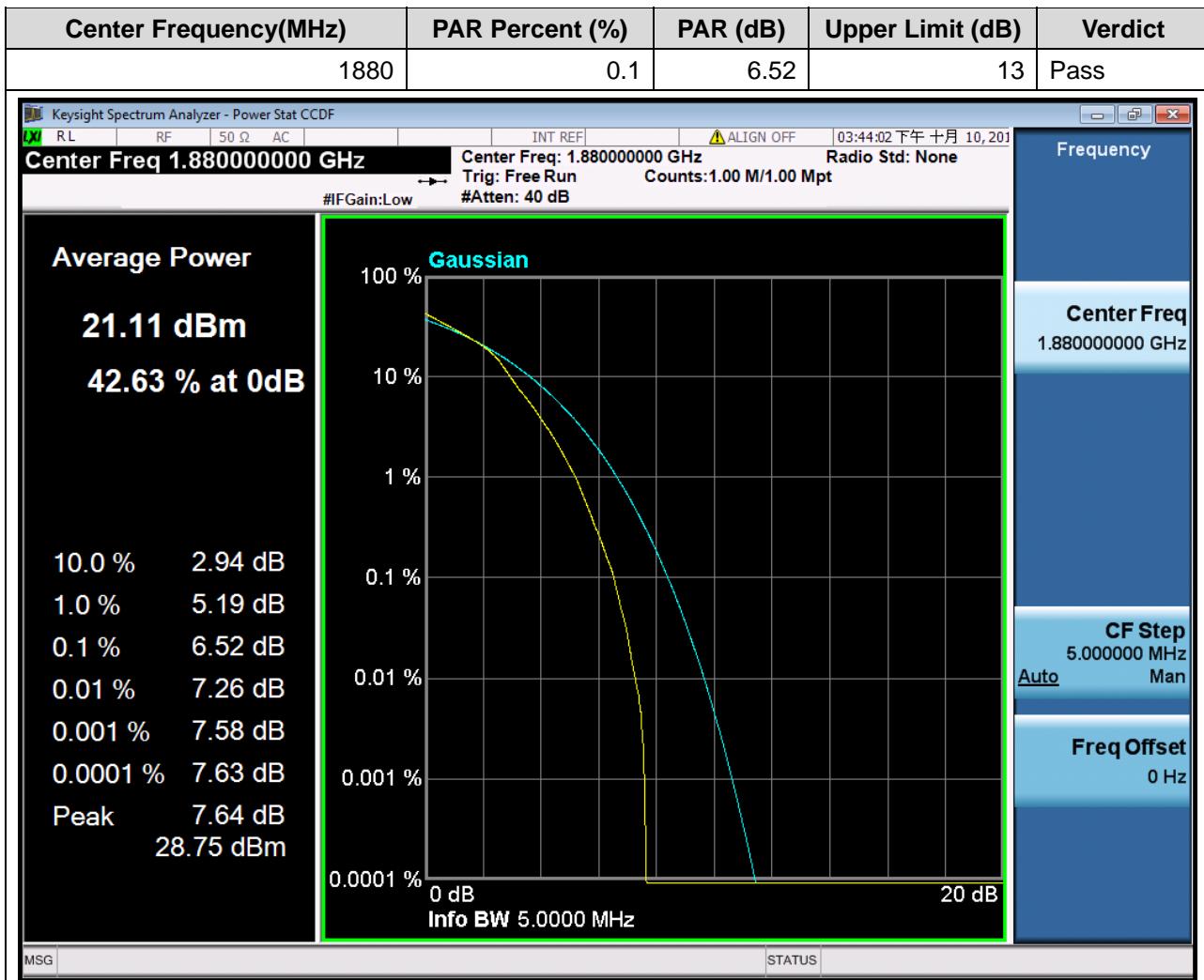


0.0001 % 0 dB 20 dB  
Info BW 5.0000 MHz

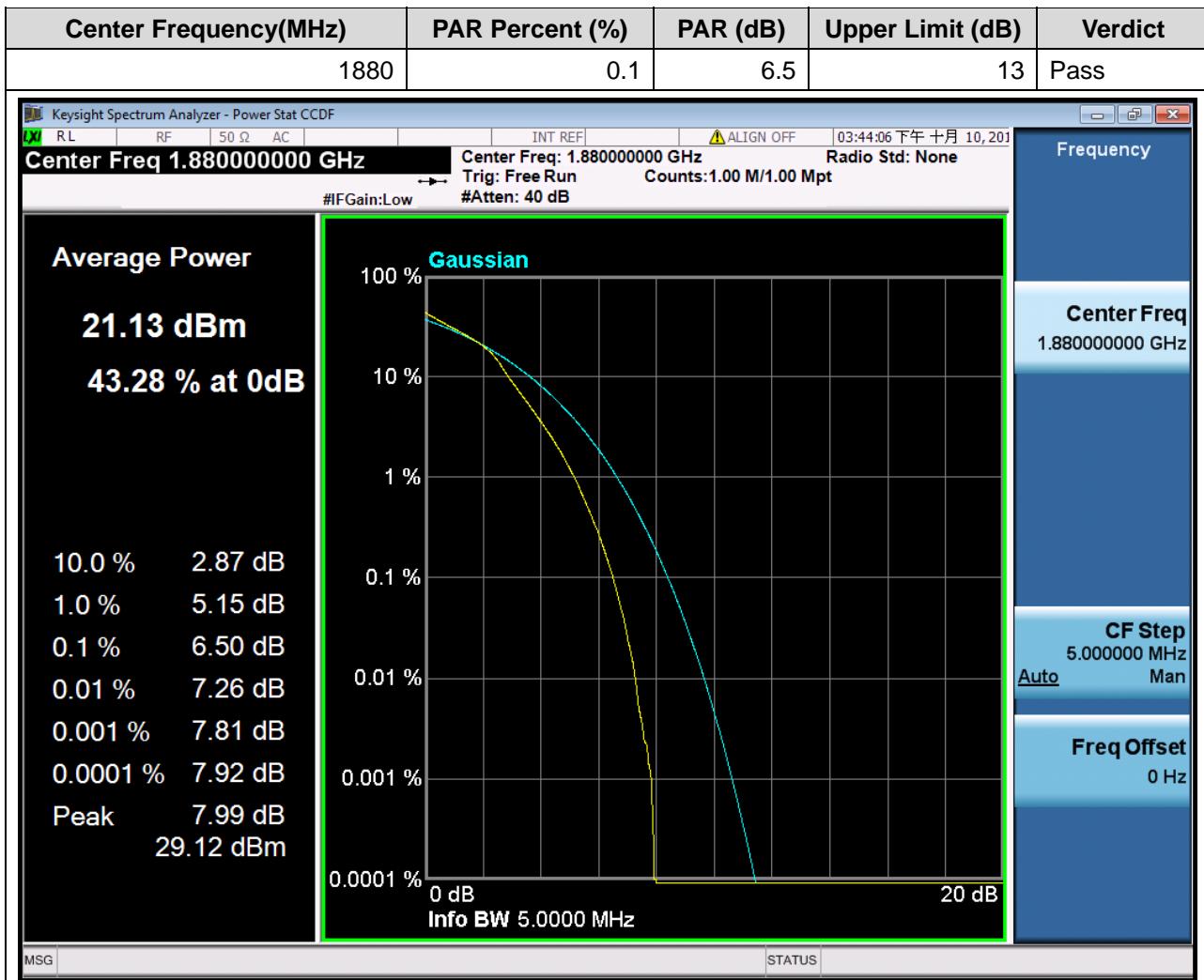
Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz Man  
Auto  
Freq Offset 0 Hz

MSG STATUS

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

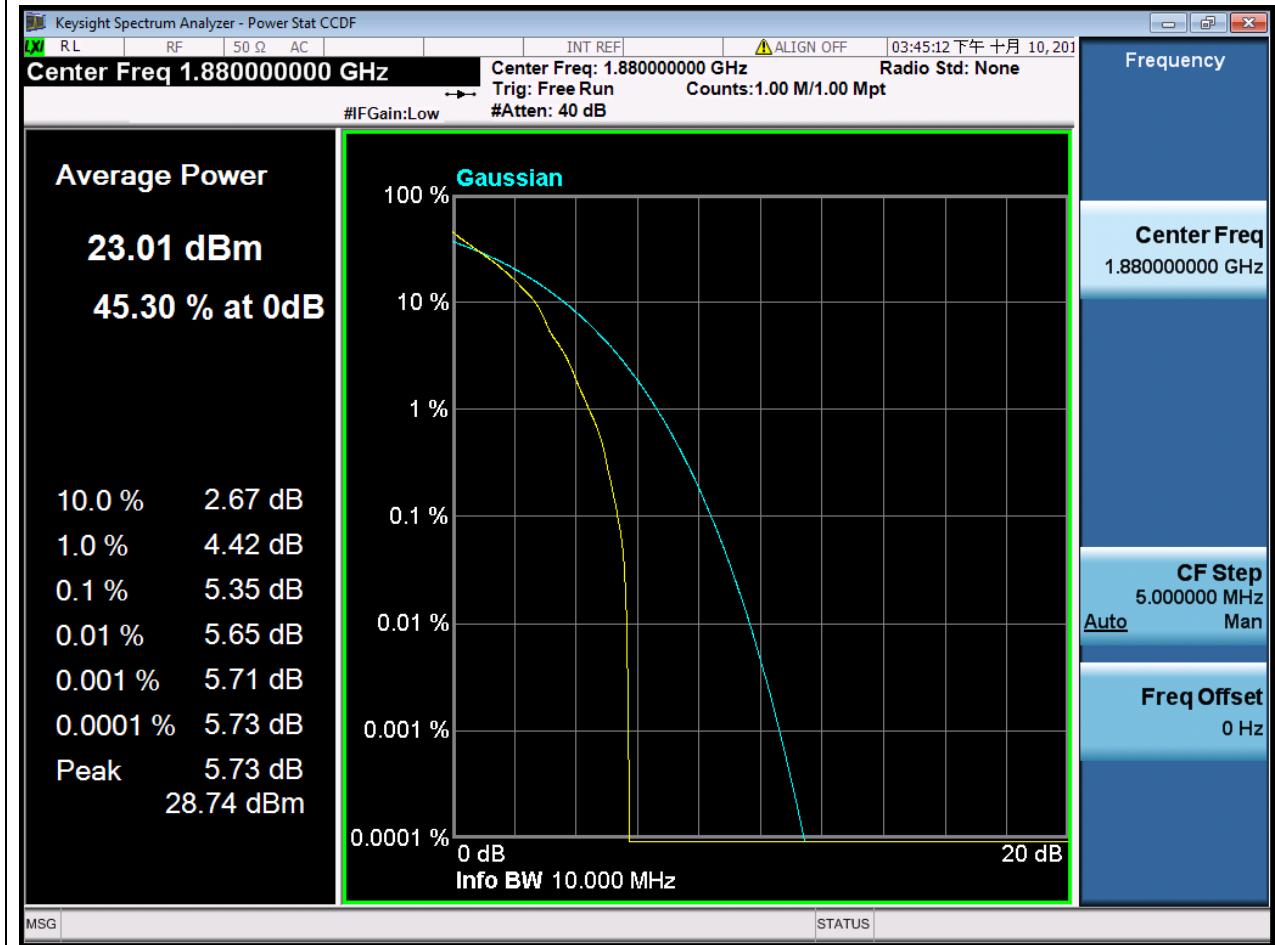


**1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



**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	5.35	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	5.17	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:45:16 下午 十月 10, 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  
**23.15 dBm**  
**45.76 % at 0dB**

10.0 % 2.65 dB  
1.0 % 4.33 dB  
0.1 % 5.17 dB  
0.01 % 5.51 dB  
0.001 % 5.64 dB  
0.0001 % 5.81 dB  
Peak 5.93 dB  
29.08 dBm

Gaussian

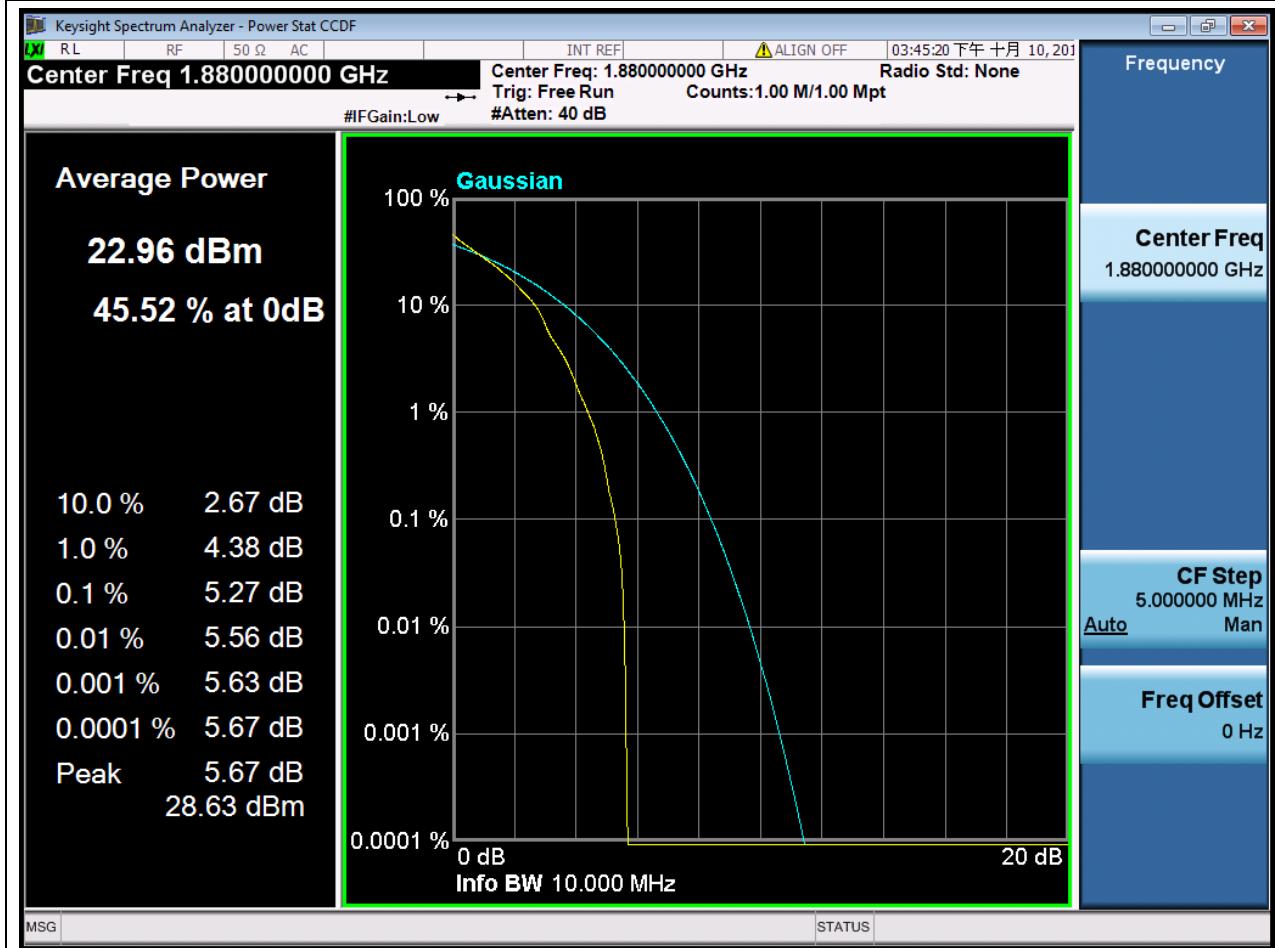


0 dB 20 dB Info BW 10.000 MHz

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

**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	5.27	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	5.73	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

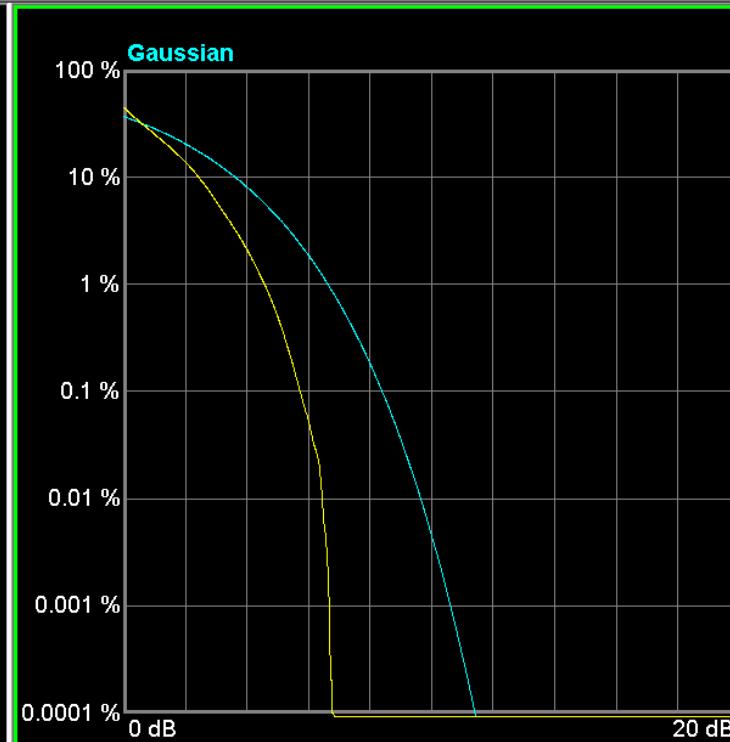
RL RF 50 Ω AC INT REF ALIGN OFF 03:45:24 下午 十月 10, 201

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  
**22.15 dBm**  
**44.86 % at 0dB**

10.0 % 2.44 dB  
1.0 % 4.57 dB  
0.1 % 5.73 dB  
0.01 % 6.44 dB  
0.001 % 6.67 dB  
0.0001 % 6.77 dB  
Peak 6.81 dB  
28.96 dBm

Gaussian

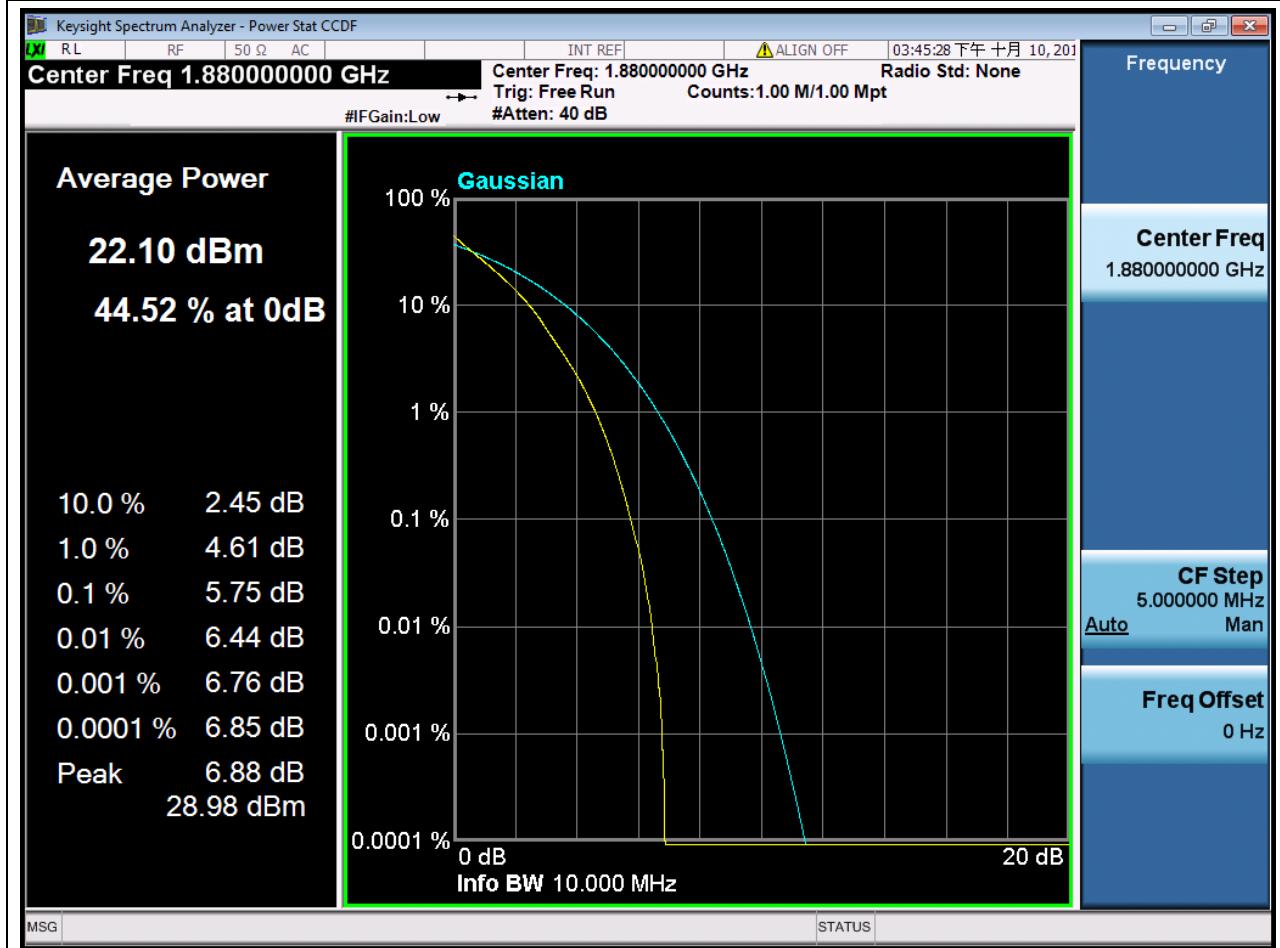


Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz  
Auto Man  
Freq Offset 0 Hz

MSG STATUS

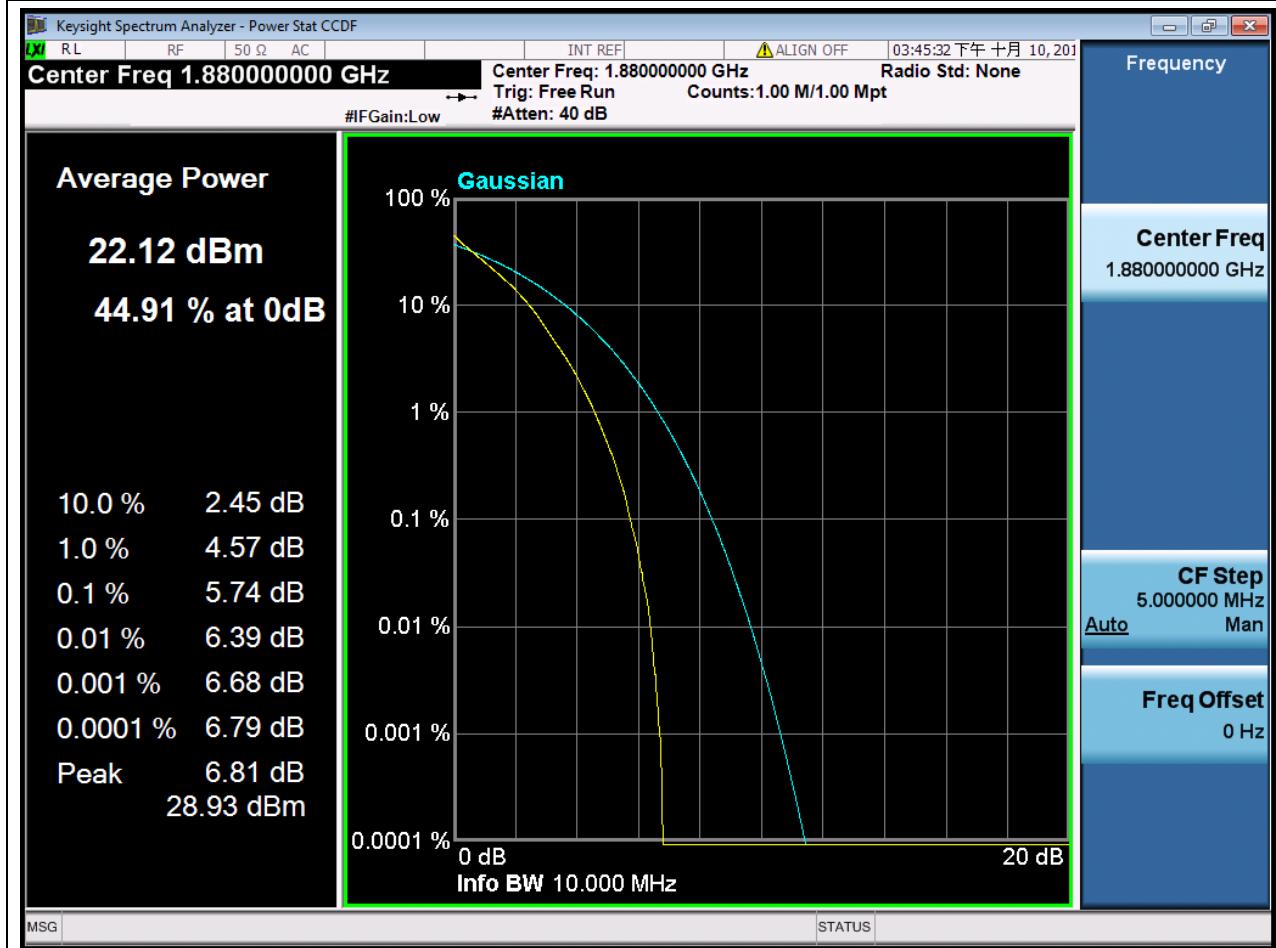
**1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.75	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	5.74	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	5.76	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:45:37 下午 十月 10, 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 22.13 dBm  
45.02 % at 0dB

10.0 % 2.37 dB  
1.0 % 4.55 dB  
0.1 % 5.76 dB  
0.01 % 6.52 dB  
0.001 % 6.97 dB  
0.0001 % 7.36 dB  
Peak 7.36 dB  
29.49 dBm

Gaussian



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

MSG STATUS

**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	5.93	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:45:41 下午 十月 10, 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  
**22.29 dBm**  
**42.33 % at 0dB**

10.0 % 3.06 dB  
1.0 % 5.27 dB  
0.1 % 5.93 dB  
0.01 % 6.36 dB  
0.001 % 6.43 dB  
0.0001 % 6.47 dB  
Peak 6.53 dB  
28.82 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

**1.51. 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	5.86	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:45:45 下午 十月 10, 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  
**22.40 dBm**  
**42.30 % at 0dB**

10.0 % 3.07 dB  
1.0 % 5.18 dB  
0.1 % 5.86 dB  
0.01 % 6.21 dB  
0.001 % 6.56 dB  
0.0001 % 6.93 dB  
Peak 7.41 dB  
29.81 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

**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	5.9	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:45:49 下午 十月 10, 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  
**22.23 dBm**  
**42.22 % at 0dB**

10.0 % 3.05 dB  
1.0 % 5.20 dB  
0.1 % 5.90 dB  
0.01 % 6.28 dB  
0.001 % 6.38 dB  
0.0001 % 6.43 dB  
Peak 6.43 dB  
28.66 dBm

Gaussian



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

0 dB 20 dB Info BW 10.000 MHz

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

MSG STATUS

**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	6.55	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:45:54 下午 十月 10, 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 21.22 dBm  
42.91 % at 0dB

10.0 % 2.91 dB  
1.0 % 5.22 dB  
0.1 % 6.55 dB  
0.01 % 7.32 dB  
0.001 % 7.58 dB  
0.0001 % 7.68 dB  
Peak 7.68 dB  
28.90 dBm

Gaussian



Info BW 10.000 MHz

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

**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	6.55	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:45:59 下午 十月 10, 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 21.18 dBm  
42.68 % at 0dB

10.0 % 2.91 dB  
1.0 % 5.24 dB  
0.1 % 6.55 dB  
0.01 % 7.33 dB  
0.001 % 7.62 dB  
0.0001 % 7.70 dB  
Peak 7.71 dB  
28.89 dBm

Gaussian



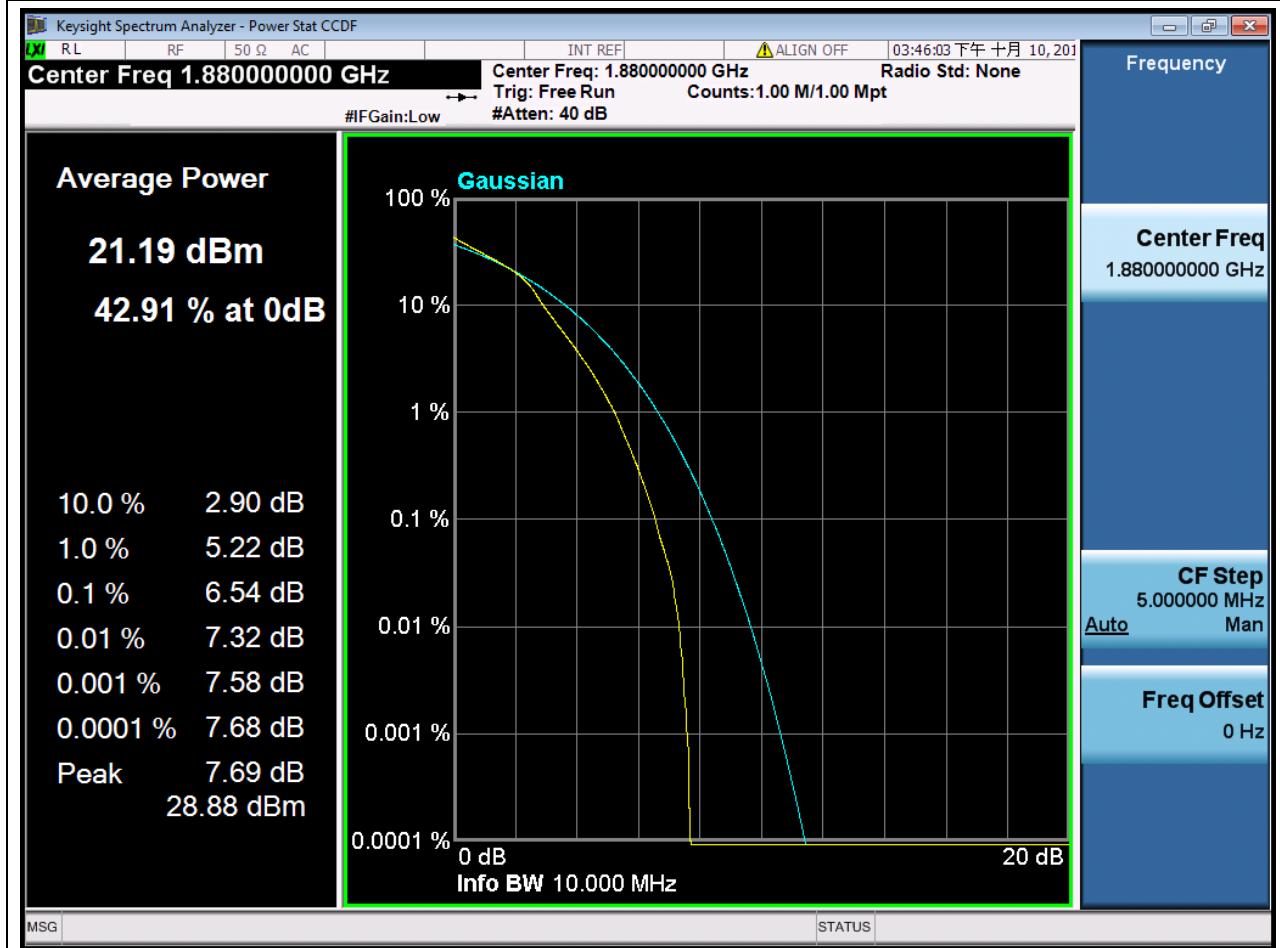
0.0001 % 0 dB 20 dB Info BW 10.000 MHz

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

MSG STATUS

**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	6.54	13	Pass



**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	6.48	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:46:07 下午 十月 10, 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 21.15 dBm  
43.01 % at 0dB

10.0 % 2.90 dB  
1.0 % 5.16 dB  
0.1 % 6.48 dB  
0.01 % 7.35 dB  
0.001 % 7.99 dB  
0.0001 % 8.43 dB  
Peak 8.48 dB  
29.63 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 10.000 MHz

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

**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	5.28	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

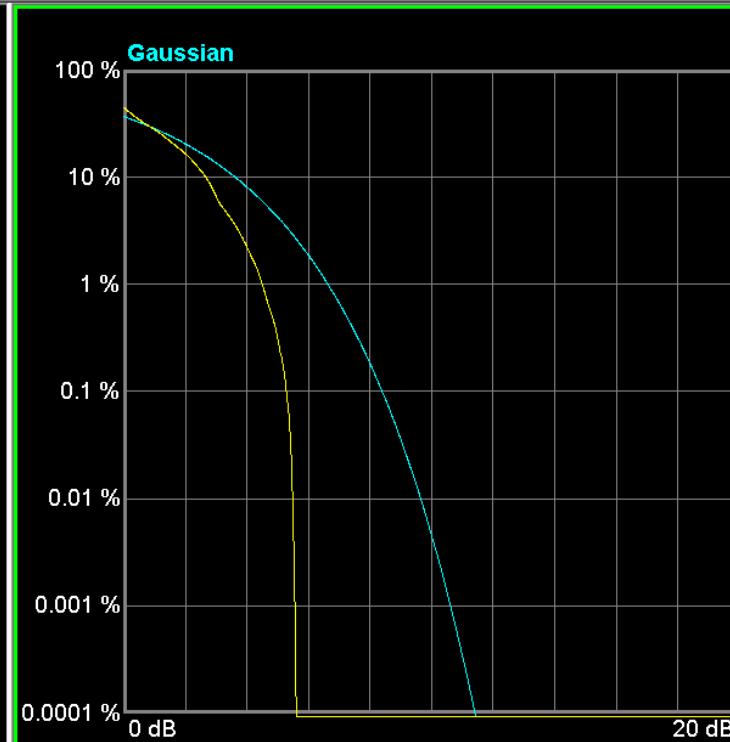
RL RF 50 Ω AC INT REF ALIGN OFF 03:47:18 下午 十月 10, 201

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 22.92 dBm  
45.00 % at 0dB

10.0 % 2.66 dB  
1.0 % 4.50 dB  
0.1 % 5.28 dB  
0.01 % 5.48 dB  
0.001 % 5.56 dB  
0.0001 % 5.60 dB  
Peak 5.60 dB  
28.52 dBm

Gaussian



0 dB 20 dB Info BW 15.000 MHz

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

MSG STATUS

**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	5.27	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:47:22 下午 十月 10, 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  
**22.93 dBm**  
**44.92 % at 0dB**

10.0 % 2.66 dB  
1.0 % 4.50 dB  
0.1 % 5.27 dB  
0.01 % 5.49 dB  
0.001 % 5.58 dB  
0.0001 % 5.60 dB  
Peak 5.62 dB  
28.55 dBm

Gaussian



0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

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

MSG STATUS

**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	5.19	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:47:26 下午 十月 10, 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 22.81 dBm  
45.01 % at 0dB

10.0 % 2.66 dB  
1.0 % 4.47 dB  
0.1 % 5.19 dB  
0.01 % 5.37 dB  
0.001 % 5.44 dB  
0.0001 % 5.46 dB  
Peak 5.47 dB  
28.28 dBm

Gaussian



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

0 dB 20 dB

Info BW 15.000 MHz

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

MSG STATUS

**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	5.66	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:47:30 下午 十月 10, 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 22.05 dBm  
43.39 % at 0dB

10.0 % 2.56 dB  
1.0 % 4.66 dB  
0.1 % 5.66 dB  
0.01 % 6.29 dB  
0.001 % 6.76 dB  
0.0001 % 7.02 dB  
Peak 7.06 dB  
29.11 dBm

Gaussian



0 dB 20 dB Info BW 15.000 MHz

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

MSG STATUS

**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	5.68	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:47:34 下午 十月 10, 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 22.05 dBm  
43.20 % at 0dB

10.0 % 2.57 dB  
1.0 % 4.68 dB  
0.1 % 5.68 dB  
0.01 % 6.40 dB  
0.001 % 6.77 dB  
0.0001 % 7.03 dB  
Peak 7.05 dB  
29.10 dBm

Gaussian

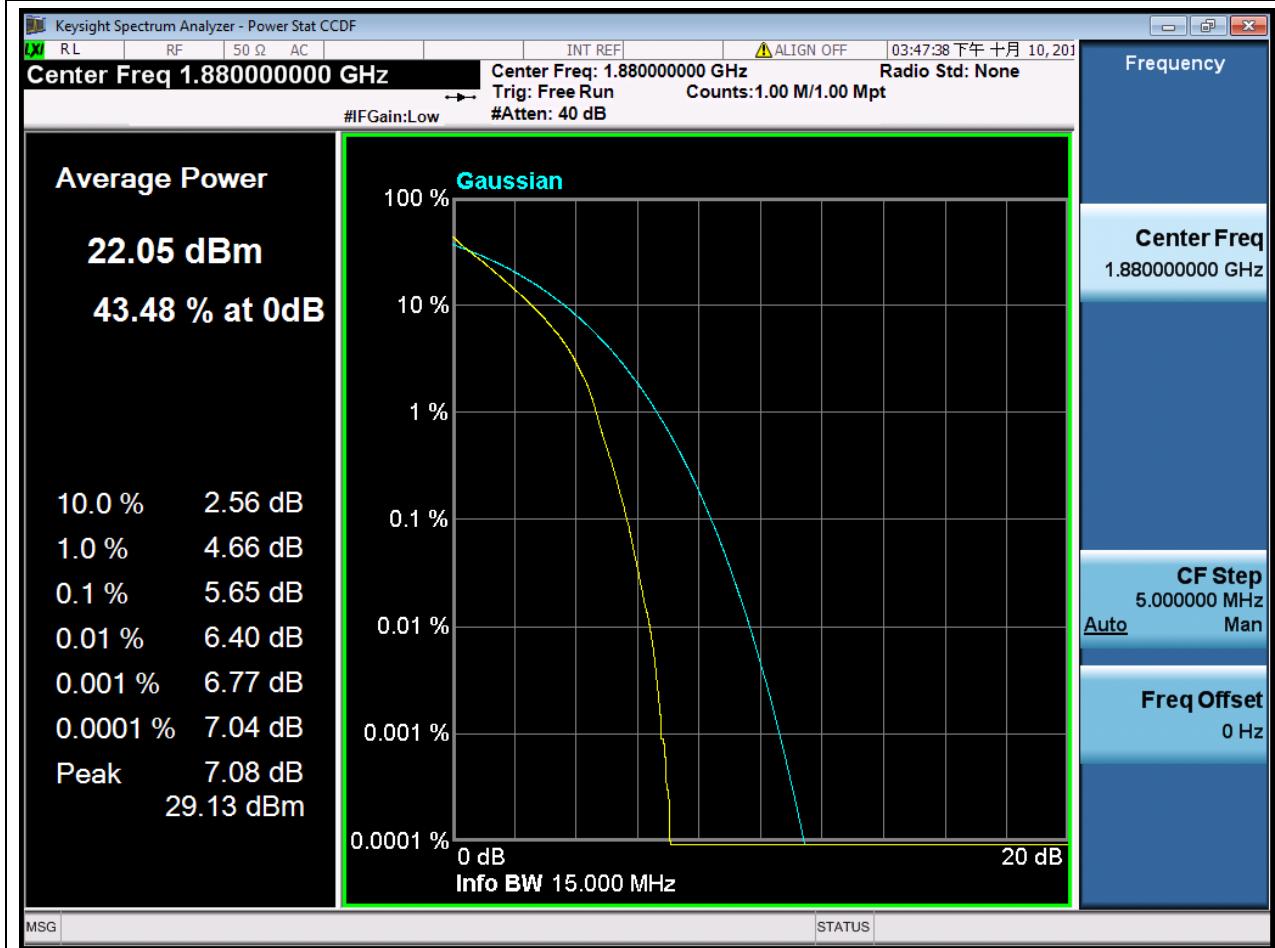


0 dB 20 dB Info BW 15.000 MHz

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

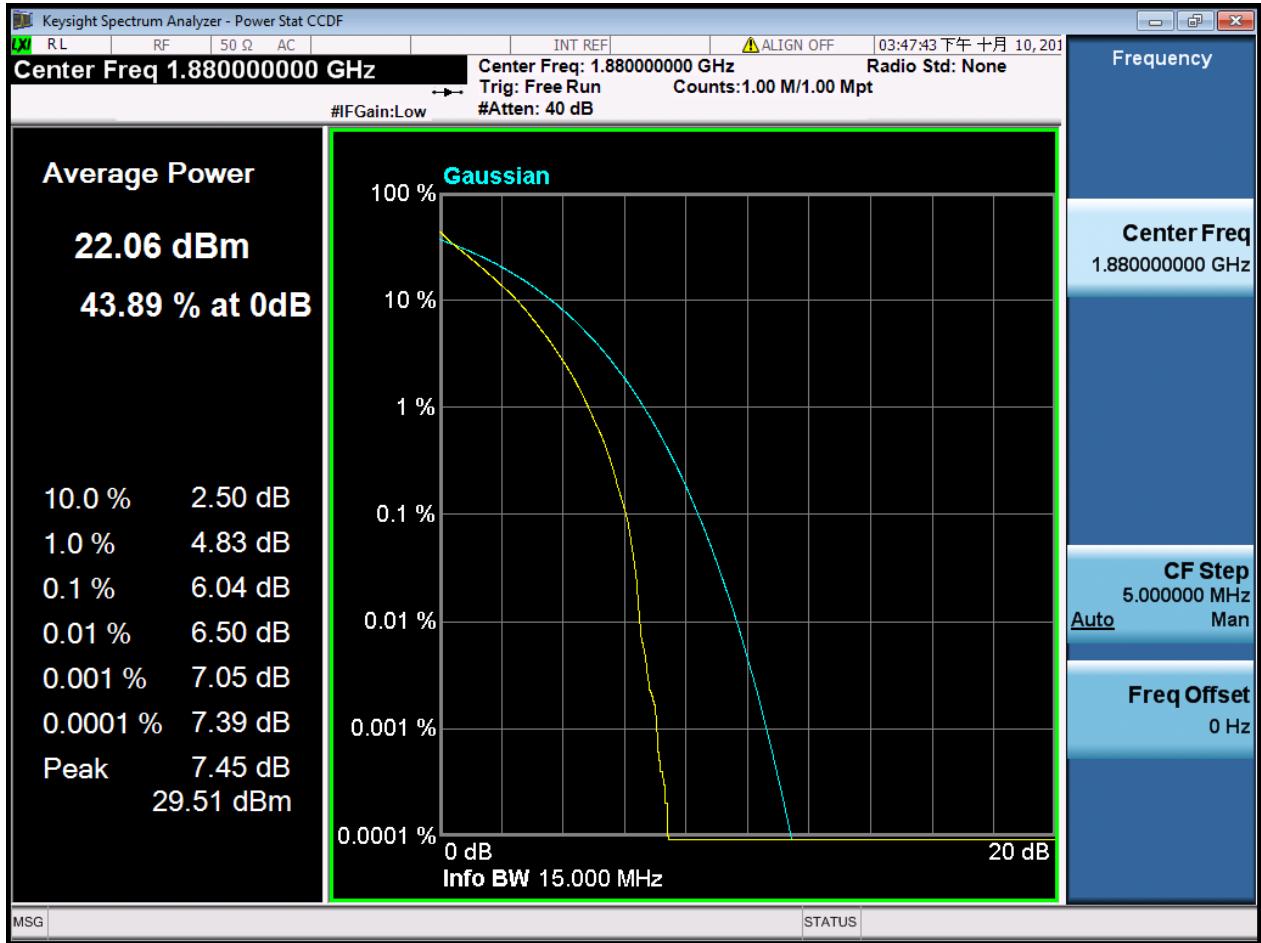
**1.62. LTE Peak to Average Ratio(NTNV)(Subtest:62, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:HIGH)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.65	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	6.04	13	Pass

**Average Power**  
**22.06 dBm**  
**43.89 % at 0dB**

10.0 %	2.50 dB
1.0 %	4.83 dB
0.1 %	6.04 dB
0.01 %	6.50 dB
0.001 %	7.05 dB
0.0001 %	7.39 dB
Peak	7.45 dB
	29.51 dBm

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

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

**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	6.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:47:47 下午 十月 10, 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  
**22.17 dBm**  
**42.22 % at 0dB**

10.0 % 2.92 dB  
1.0 % 5.25 dB  
0.1 % 6.22 dB  
0.01 % 6.68 dB  
0.001 % 6.75 dB  
0.0001 % 6.78 dB  
Peak 6.86 dB  
29.03 dBm

Gaussian



0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

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

MSG STATUS

**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	6.14	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:47:51 下午 十月 10, 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 22.20 dBm  
42.42 % at 0dB

10.0 % 2.92 dB  
1.0 % 5.17 dB  
0.1 % 6.14 dB  
0.01 % 6.57 dB  
0.001 % 6.68 dB  
0.0001 % 6.70 dB  
Peak 6.70 dB  
28.90 dBm

Gaussian



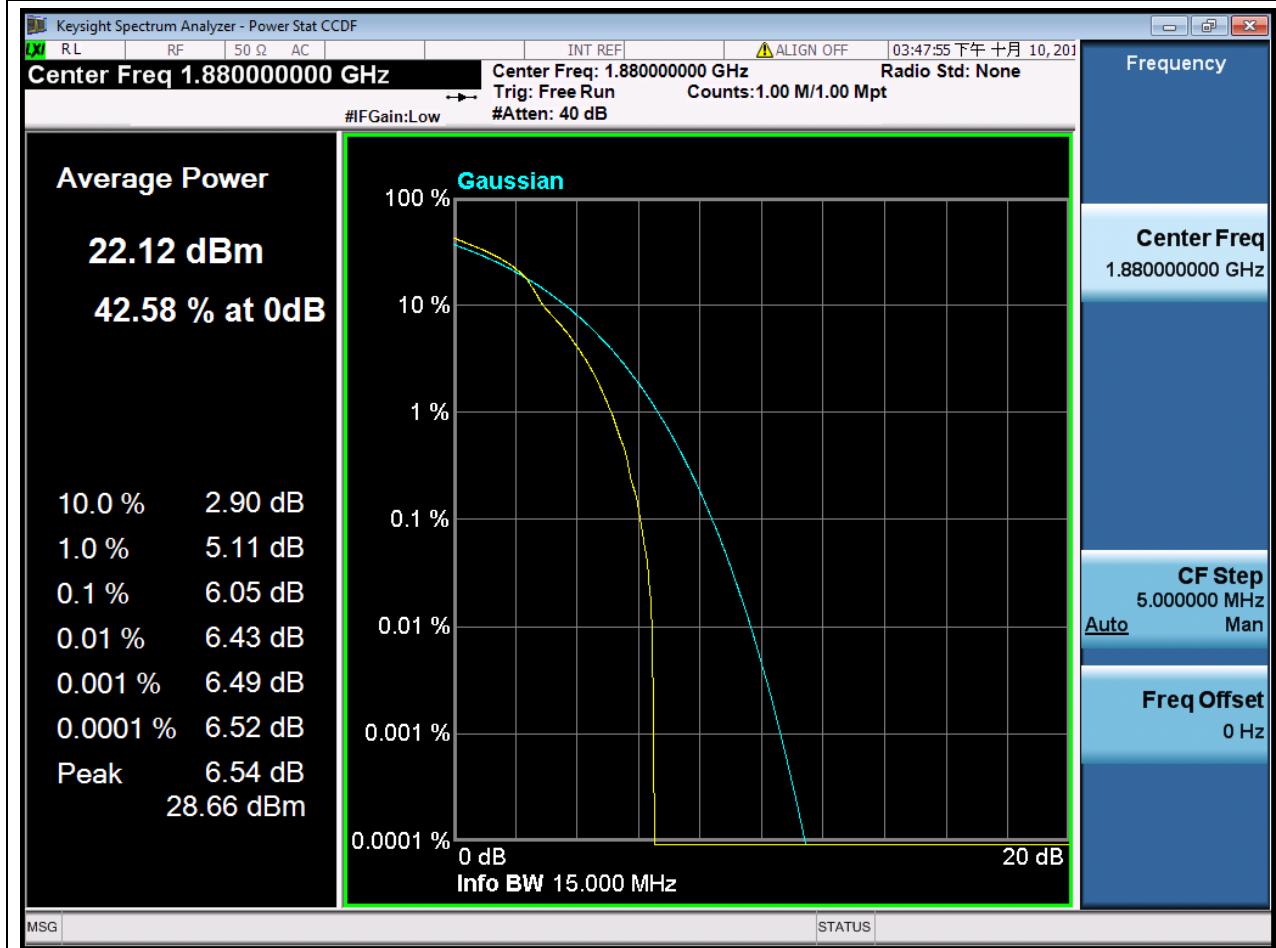
0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

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

MSG STATUS

**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	6.05	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	6.46	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:47:59 下午 十月 10, 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  
**21.09 dBm**  
**41.75 % at 0dB**

10.0 % 3.06 dB  
1.0 % 5.18 dB  
0.1 % 6.46 dB  
0.01 % 7.16 dB  
0.001 % 7.66 dB  
0.0001 % 7.81 dB  
Peak 7.83 dB  
28.92 dBm

Gaussian

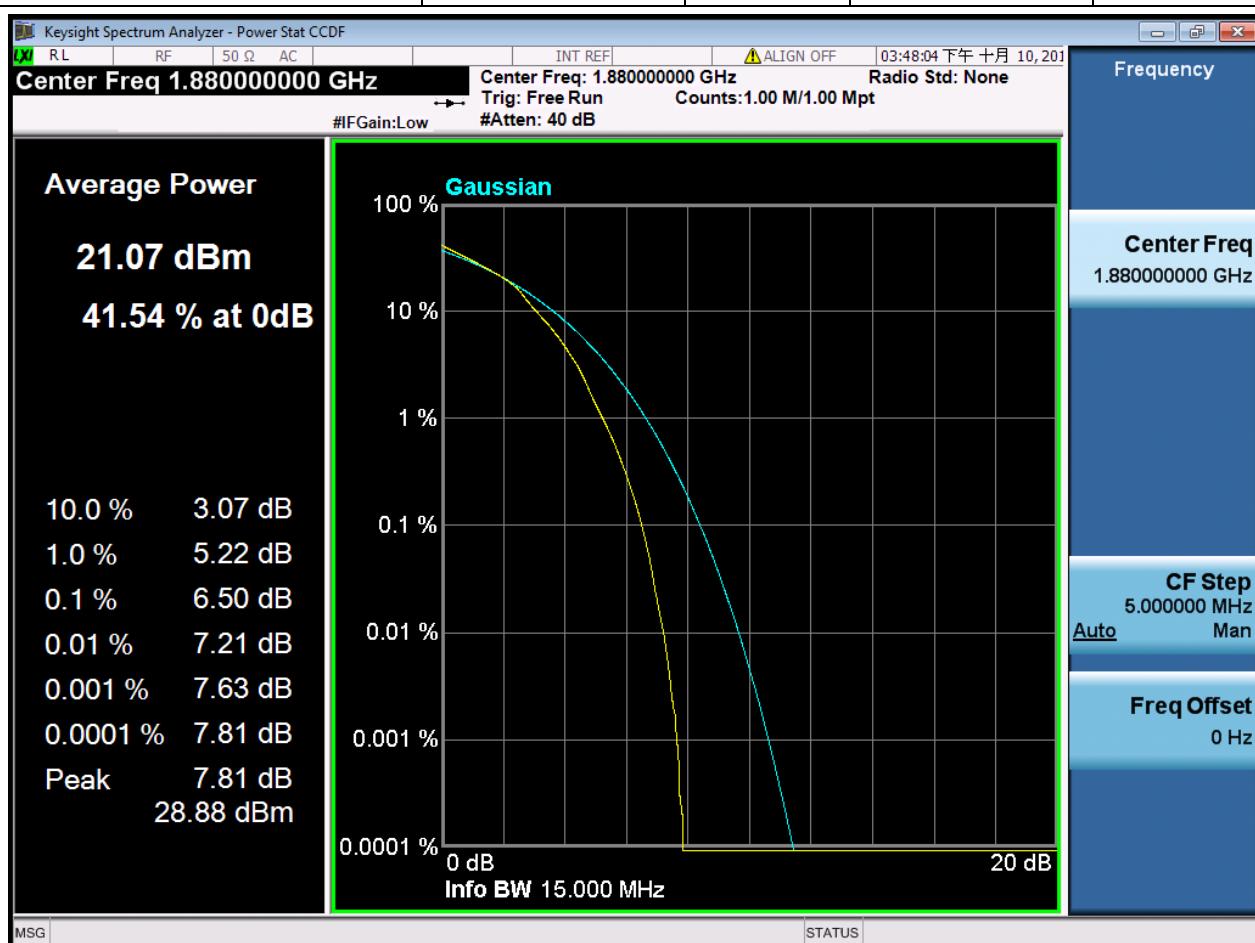


0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

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

**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	6.5	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	6.44	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:48:08 下午 十月 10, 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 21.08 dBm  
41.79 % at 0dB

10.0 % 3.06 dB  
1.0 % 5.18 dB  
0.1 % 6.44 dB  
0.01 % 7.20 dB  
0.001 % 7.64 dB  
0.0001 % 7.74 dB  
Peak 7.77 dB  
28.85 dBm

Gaussian

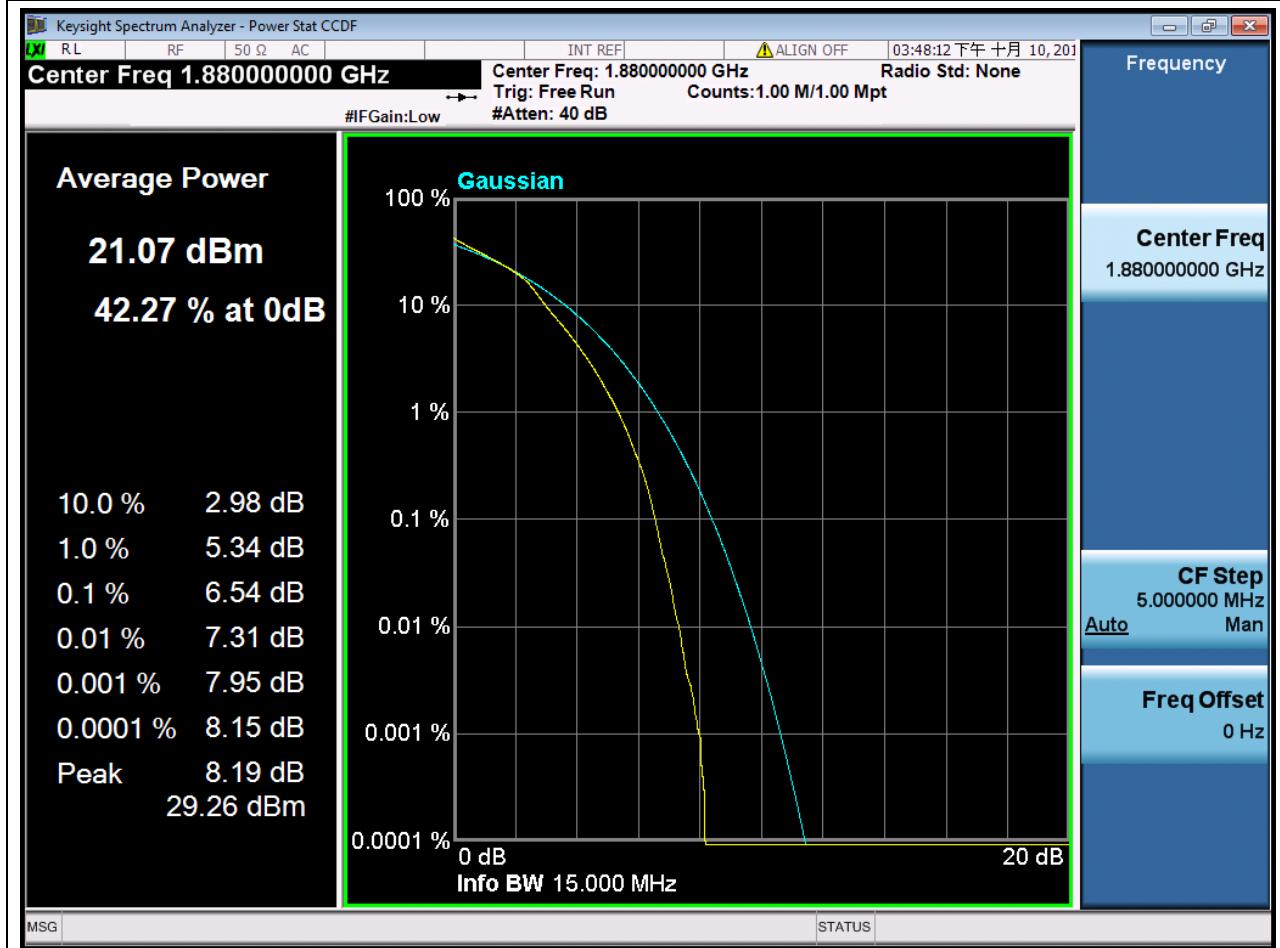


0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

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

**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	6.54	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	5.3	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:49:23 下午 十月 10, 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 22.72 dBm  
45.18 % at 0dB

10.0 % 2.66 dB  
1.0 % 4.42 dB  
0.1 % 5.30 dB  
0.01 % 5.68 dB  
0.001 % 5.80 dB  
0.0001 % 5.85 dB  
Peak 5.87 dB  
28.59 dBm

Gaussian



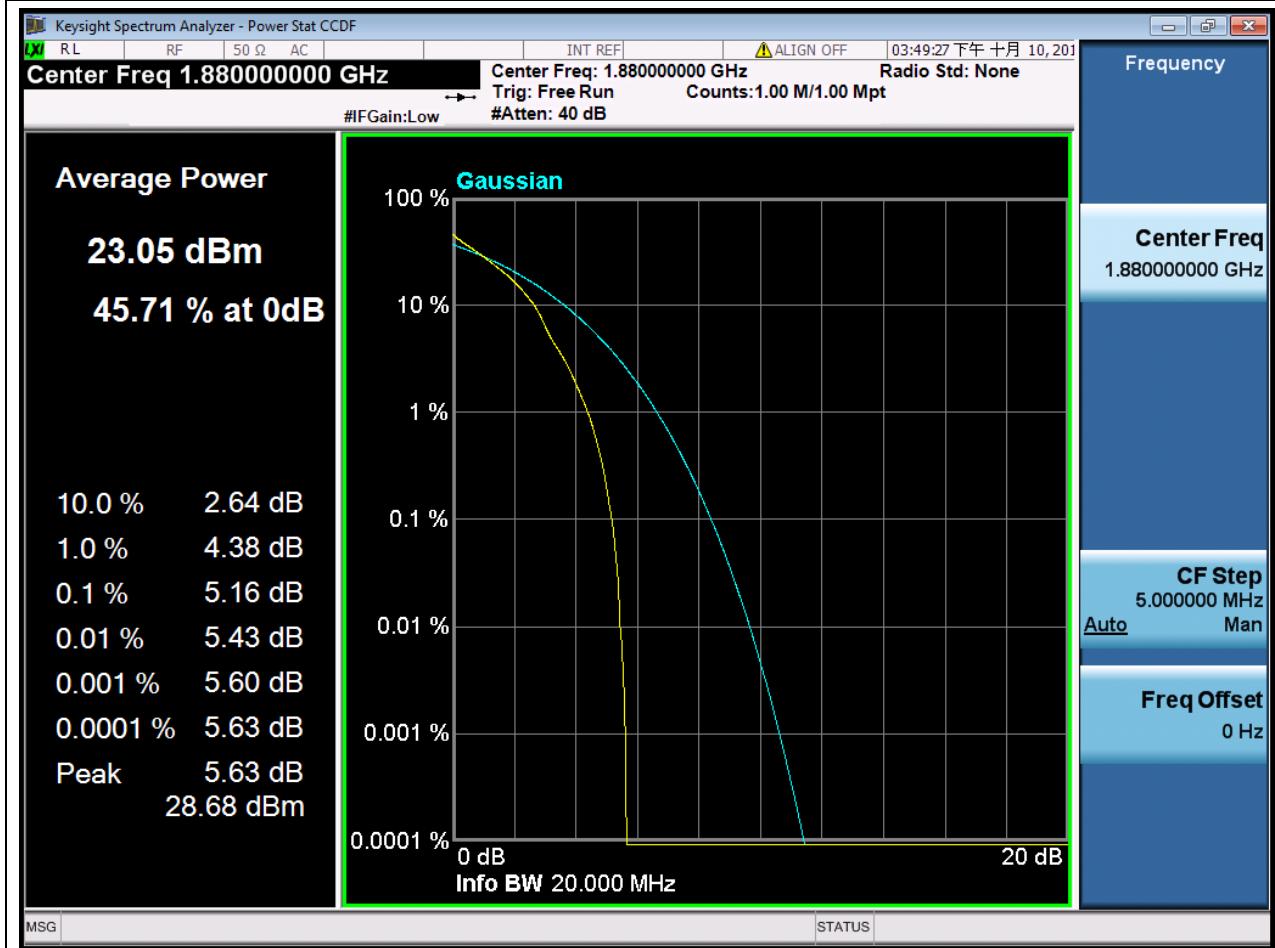
Info BW 20.000 MHz

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

MSG STATUS

**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	5.16	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	5.1	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:49:32 下午 十月 10, 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 22.61 dBm  
45.59 % at 0dB

10.0 % 2.68 dB  
1.0 % 4.36 dB  
0.1 % 5.10 dB  
0.01 % 5.37 dB  
0.001 % 5.51 dB  
0.0001 % 5.57 dB  
Peak 5.58 dB  
28.19 dBm

Gaussian



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

0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

**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	5.65	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:49:37 下午 十月 10, 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 22.07 dBm  
44.75 % at 0dB

10.0 % 2.38 dB  
1.0 % 4.52 dB  
0.1 % 5.65 dB  
0.01 % 6.33 dB  
0.001 % 6.64 dB  
0.0001 % 7.10 dB  
Peak 7.12 dB  
29.19 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

**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	5.69	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:49:41 下午 十月 10, 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  
**22.04 dBm**  
**44.39 % at 0dB**

10.0 % 2.39 dB  
1.0 % 4.55 dB  
0.1 % 5.69 dB  
0.01 % 6.36 dB  
0.001 % 6.75 dB  
0.0001 % 7.23 dB  
Peak 7.28 dB  
29.32 dBm

Gaussian



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

MSG STATUS

**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	5.62	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:49:45 下午 十月 10, 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 22.02 dBm  
44.81 % at 0dB

10.0 % 2.38 dB  
1.0 % 4.49 dB  
0.1 % 5.62 dB  
0.01 % 6.33 dB  
0.001 % 6.82 dB  
0.0001 % 7.13 dB  
Peak 7.18 dB  
29.20 dBm

Gaussian

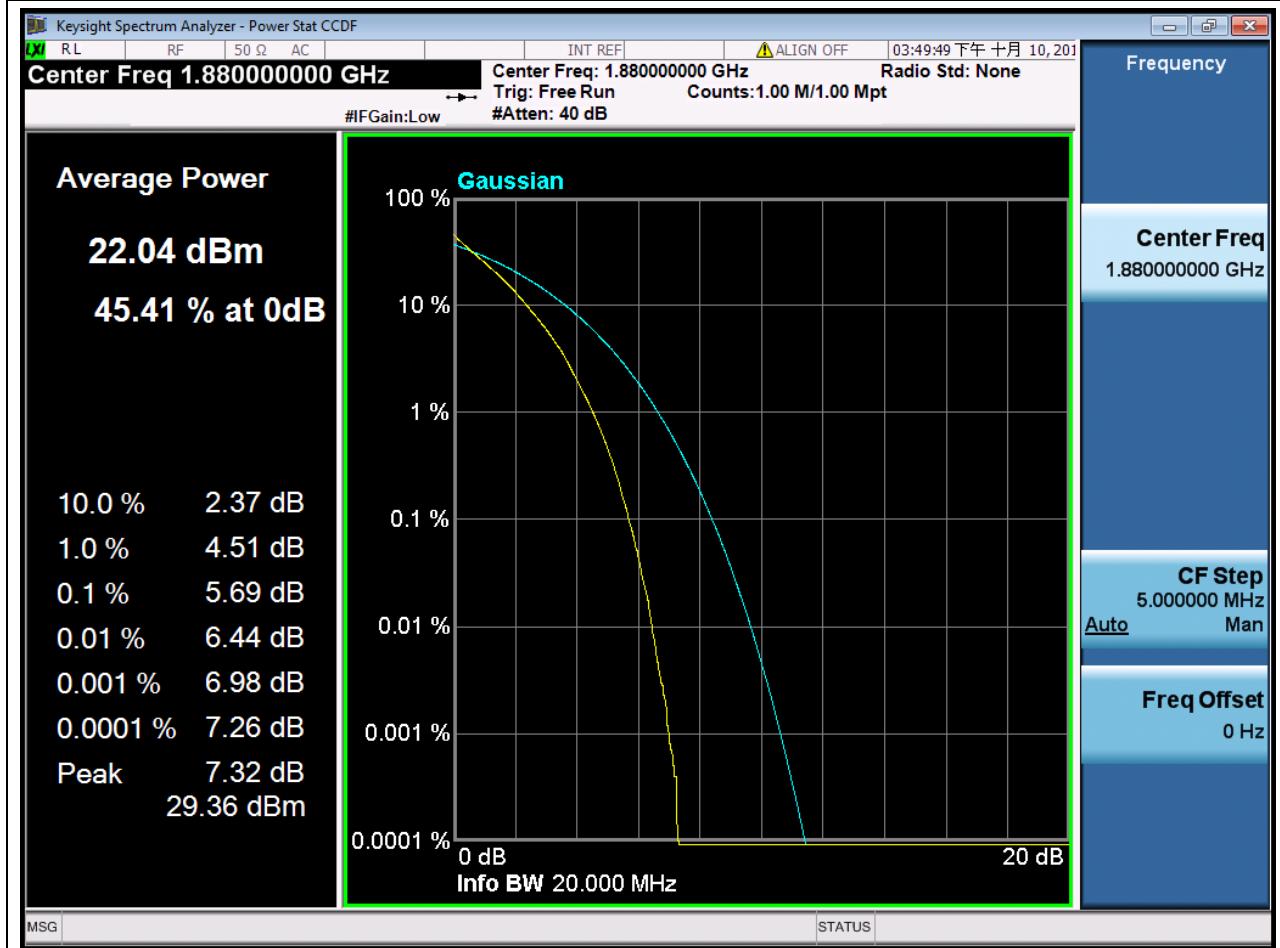


0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

**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	5.69	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	6.35	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:49:53 下午 十月 10, 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 22.11 dBm  
42.58 % at 0dB

10.0 % 2.88 dB  
1.0 % 5.29 dB  
0.1 % 6.35 dB  
0.01 % 6.68 dB  
0.001 % 6.94 dB  
0.0001 % 6.99 dB  
Peak 7.03 dB  
29.14 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

**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	6.19	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:49:57 下午 十月 10, 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  
**22.47 dBm**  
**42.69 % at 0dB**

10.0 % 2.90 dB  
1.0 % 5.16 dB  
0.1 % 6.19 dB  
0.01 % 6.37 dB  
0.001 % 6.40 dB  
0.0001 % 6.43 dB  
Peak 6.49 dB  
28.96 dBm

Gaussian



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

0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

**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	6.09	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:01 下午 十月 10, 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  
**21.95 dBm**  
**42.64 % at 0dB**

10.0 % 2.94 dB  
1.0 % 5.12 dB  
0.1 % 6.09 dB  
0.01 % 6.38 dB  
0.001 % 6.72 dB  
0.0001 % 6.80 dB  
Peak 6.81 dB  
28.76 dBm

Gaussian



0.0001 % 0 dB 20 dB 0.001 % 0.01 % 0.1 % 1 % 10 % 100 %

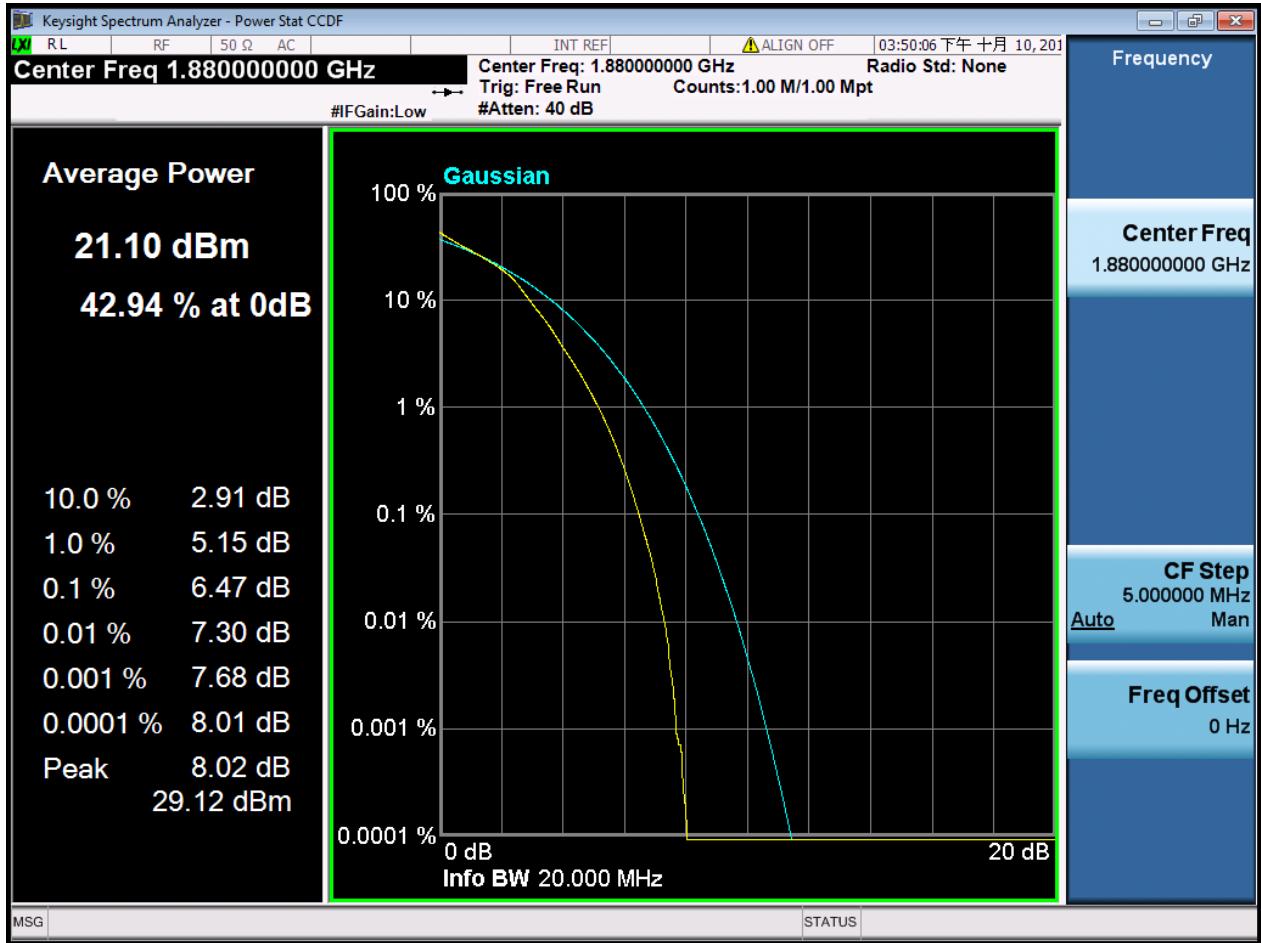
Info BW 20.000 MHz

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

MSG STATUS

**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	6.47	13	Pass

**Average Power**  
**21.10 dBm**  
**42.94 % at 0dB**

10.0 %	2.91 dB
1.0 %	5.15 dB
0.1 %	6.47 dB
0.01 %	7.30 dB
0.001 %	7.68 dB
0.0001 %	8.01 dB
Peak	8.02 dB
	29.12 dBm

**Gaussian**

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

0 dB      Info BW 20.000 MHz      20 dB

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 Man  
Auto  
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	6.48	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:10 下午 十月 10, 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  
**21.08 dBm**  
**42.66 % at 0dB**

10.0 % 2.92 dB  
1.0 % 5.18 dB  
0.1 % 6.48 dB  
0.01 % 7.30 dB  
0.001 % 7.75 dB  
0.0001 % 7.97 dB  
Peak 8.03 dB  
29.11 dBm

Gaussian



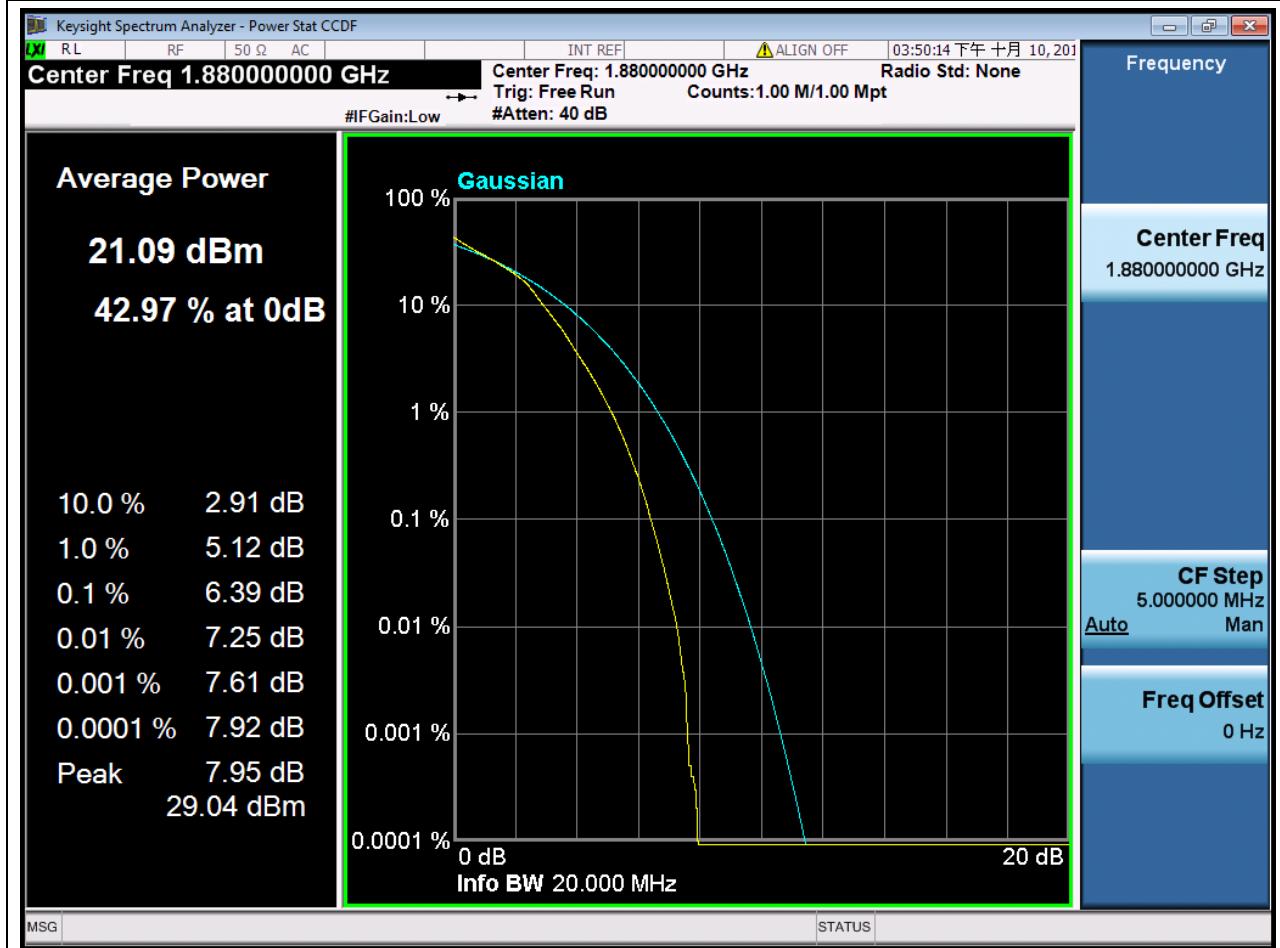
0.0001 % 0 dB 20 dB 20.000 MHz

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

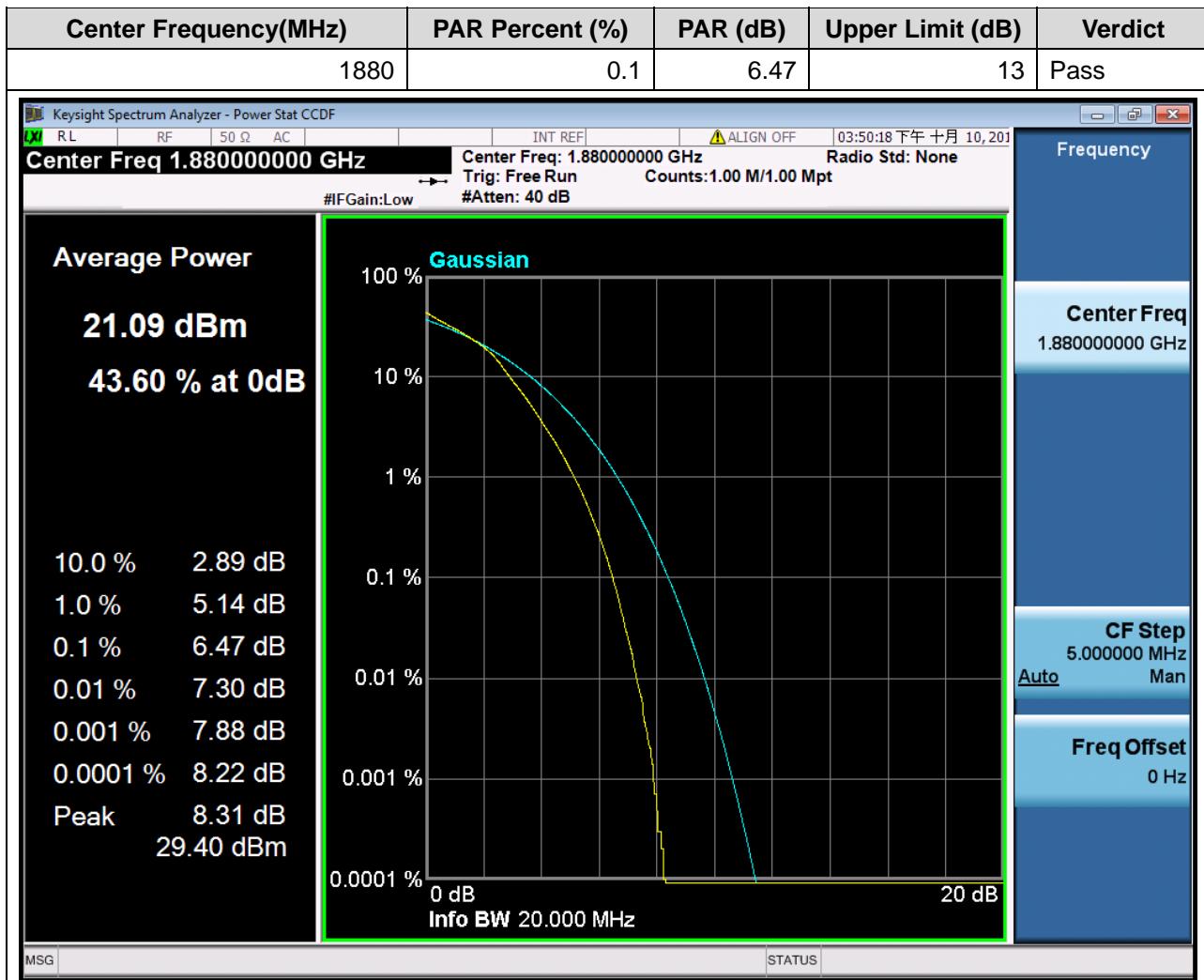
MSG STATUS

**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	6.39	13	Pass



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



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END