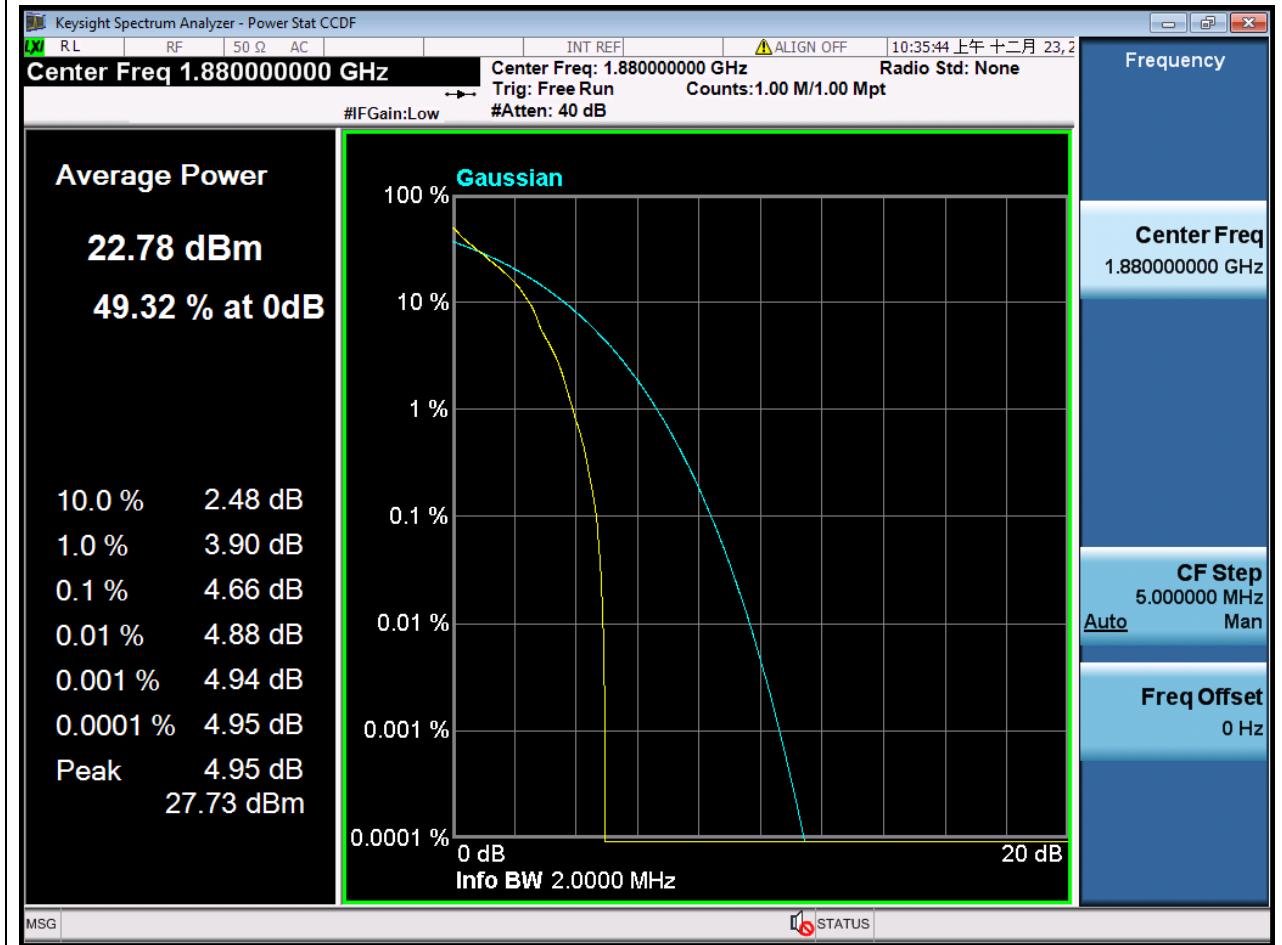


## Annex B. LTE Peak to Average Ratio

## 1. LTE\_Band2

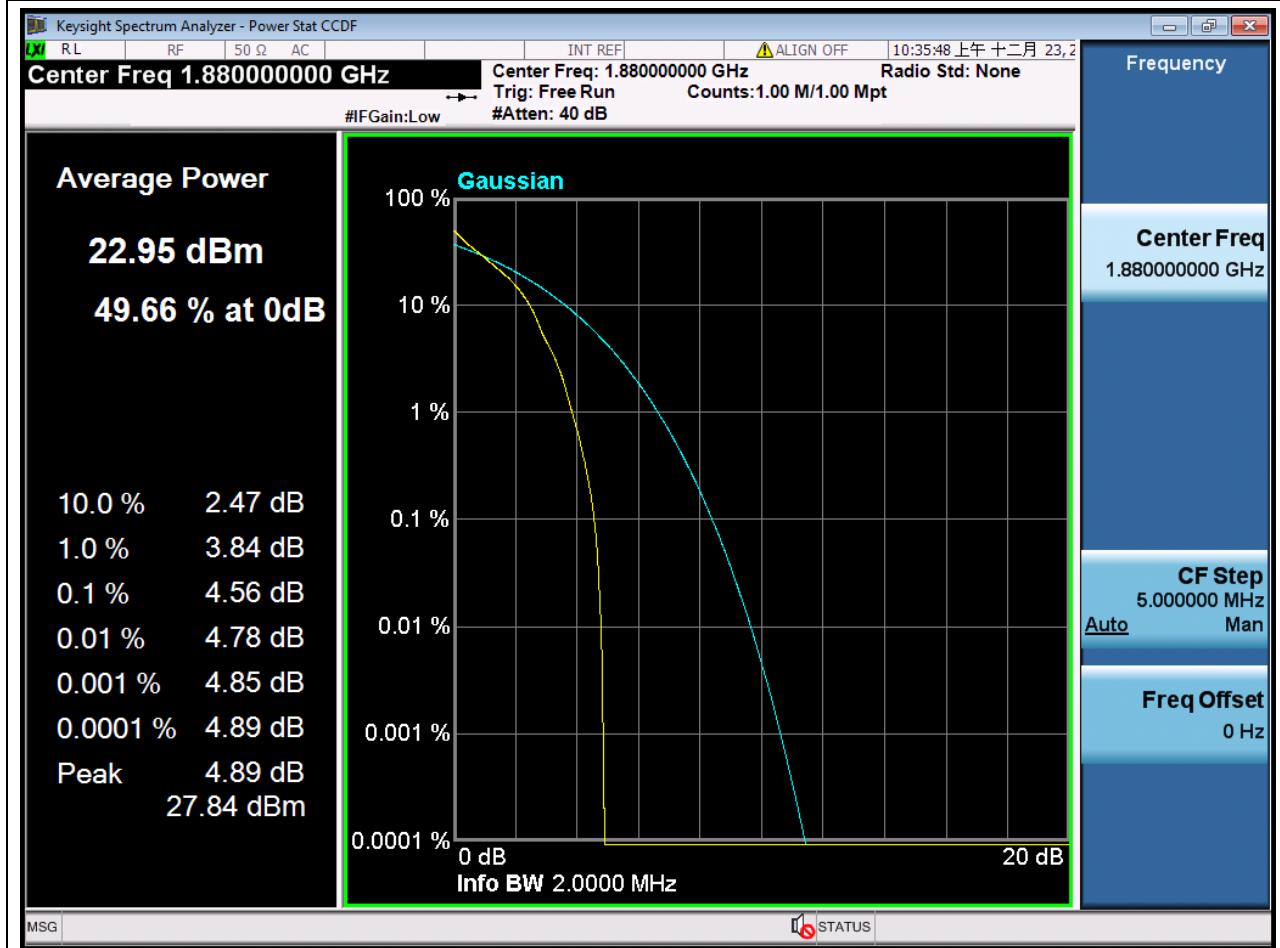
**1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.66	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	4.56	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	4.66	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:35:52 上午 十二月 23, 2018

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  
22.77 dBm  
49.45 % at 0dB

10.0 % 2.49 dB  
1.0 % 3.90 dB  
0.1 % 4.66 dB  
0.01 % 4.87 dB  
0.001 % 4.94 dB  
0.0001 % 4.96 dB  
Peak 4.96 dB  
27.73 dBm

Gaussian



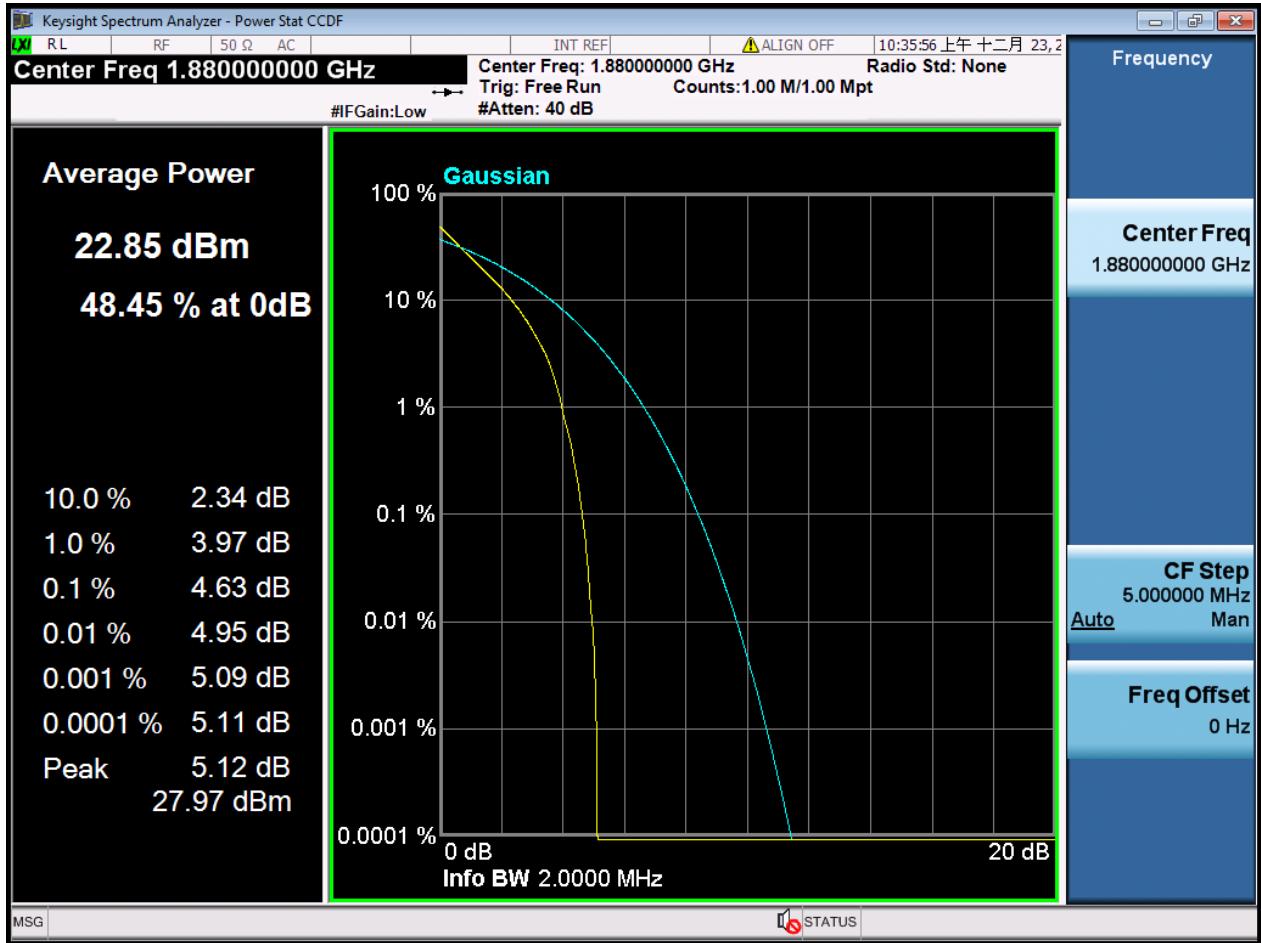
Info BW 2.0000 MHz

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

MSG STATUS

**1.4. 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	4.63	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	4.57	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:36:00 上午 十二月 23, 2018

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  
22.87 dBm  
48.72 % at 0dB

10.0 % 2.34 dB  
1.0 % 3.95 dB  
0.1 % 4.57 dB  
0.01 % 4.89 dB  
0.001 % 5.01 dB  
0.0001 % 5.05 dB  
Peak 5.06 dB  
27.93 dBm

Gaussian



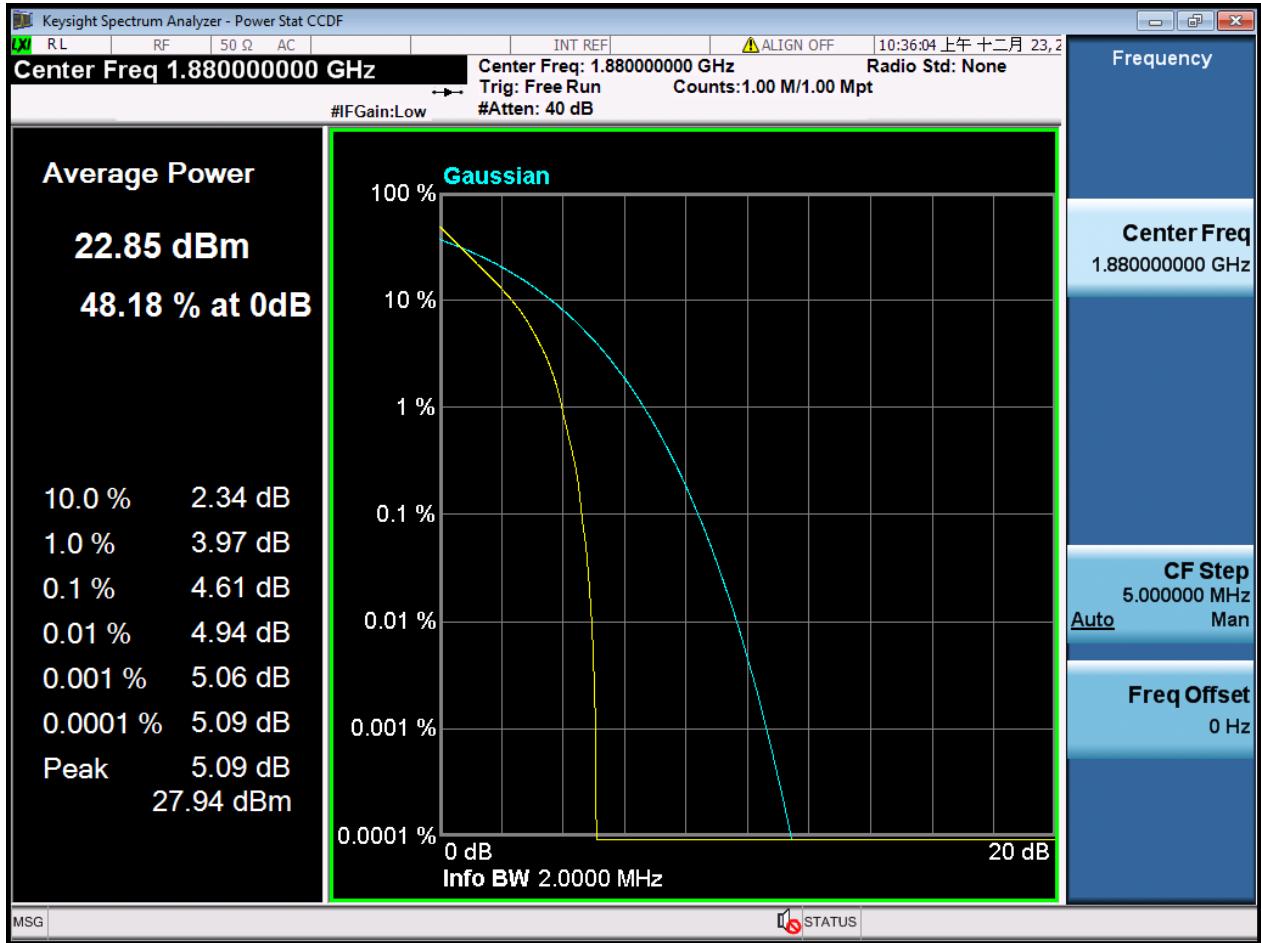
Info BW 2.0000 MHz

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

MSG STATUS

**1.6. 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	4.61	13	Pass



Average Power  
**22.85 dBm**  
**48.18 % at 0dB**

10.0 %	2.34 dB
1.0 %	3.97 dB
0.1 %	4.61 dB
0.01 %	4.94 dB
0.001 %	5.06 dB
0.0001 %	5.09 dB
Peak	5.09 dB
	27.94 dBm

MSG STATUS

**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	5.24	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:36:08 上午 十二月 23, 2018

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  
21.89 dBm  
48.54 % at 0dB

10.0 % 2.50 dB  
1.0 % 4.22 dB  
0.1 % 5.24 dB  
0.01 % 5.95 dB  
0.001 % 6.44 dB  
0.0001 % 6.51 dB  
Peak 6.51 dB  
28.40 dBm

Gaussian



0.0001 % 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

**1.8. 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	5.57	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:36:12 上午 十二月 23, 2018

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  
21.96 dBm  
44.48 % at 0dB

10.0 % 2.85 dB  
1.0 % 4.88 dB  
0.1 % 5.57 dB  
0.01 % 5.82 dB  
0.001 % 5.87 dB  
0.0001 % 5.88 dB  
Peak 5.89 dB  
27.85 dBm

Gaussian



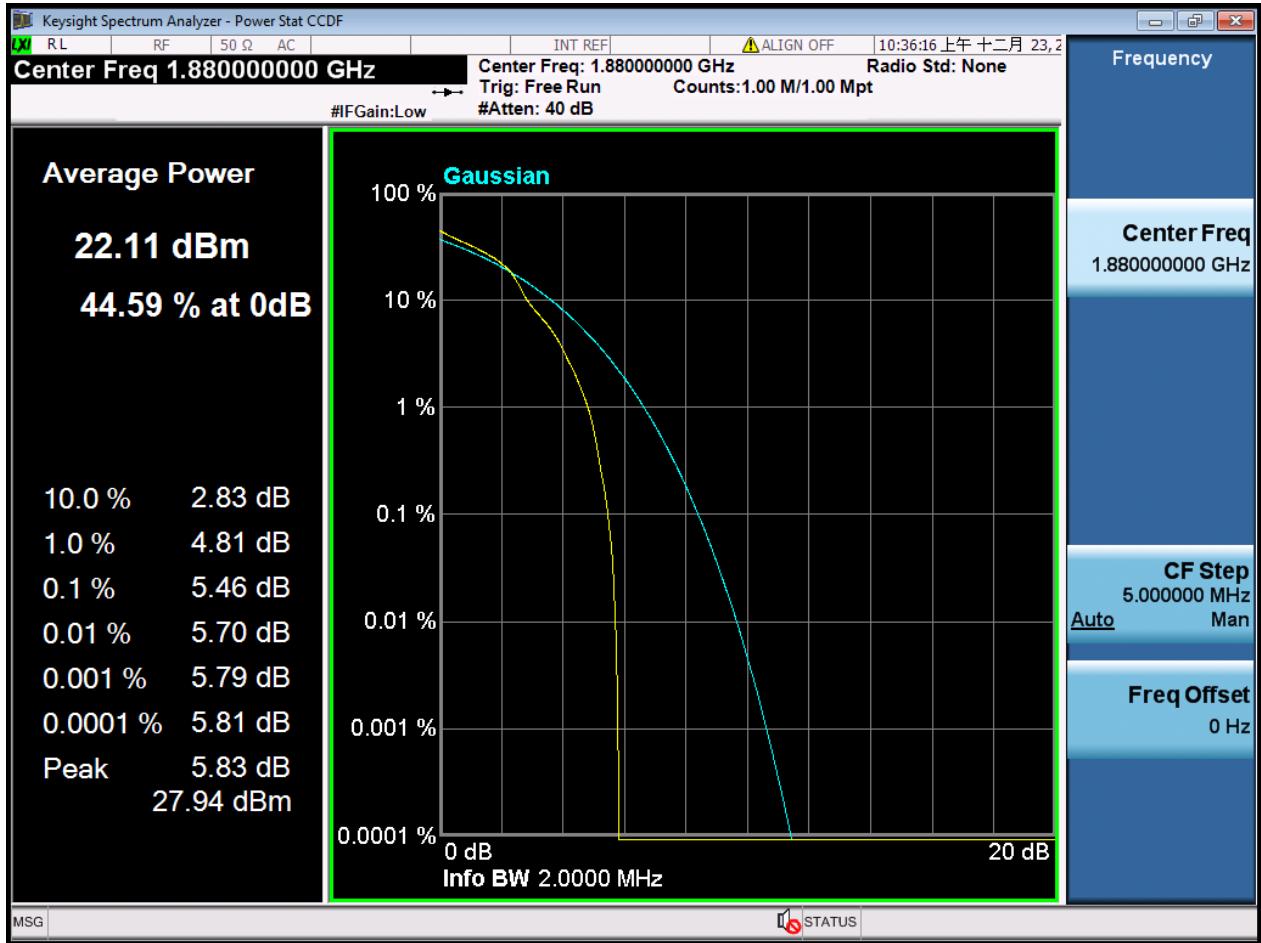
Info BW 2.0000 MHz

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

MSG STATUS

**1.9. 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	5.46	13	Pass

**Average Power**  
**22.11 dBm**  
**44.59 % at 0dB**

10.0 %	2.83 dB
1.0 %	4.81 dB
0.1 %	5.46 dB
0.01 %	5.70 dB
0.001 %	5.79 dB
0.0001 %	5.81 dB
Peak	5.83 dB
	27.94 dBm

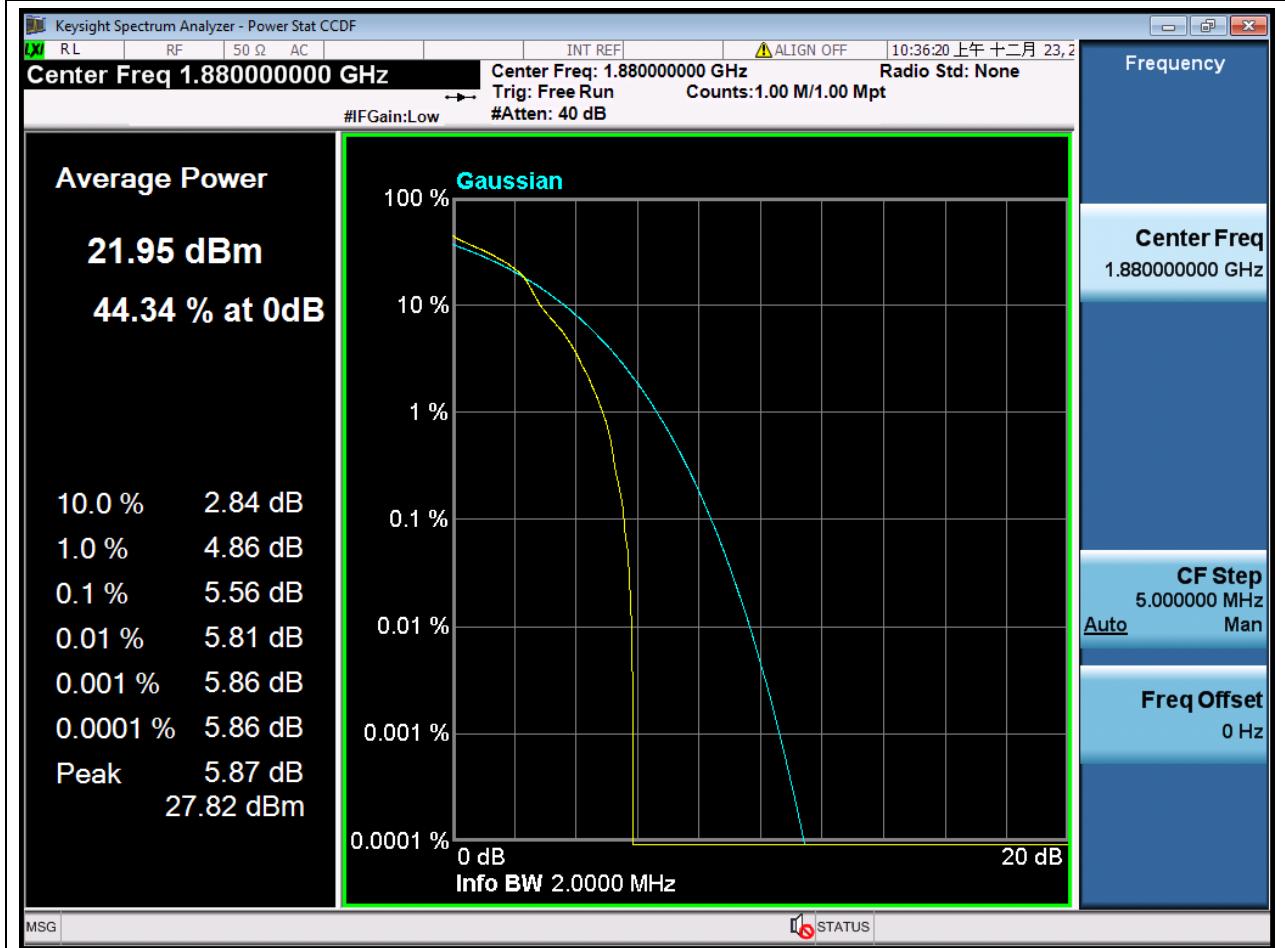
**Gaussian**  
Info BW 2.0000 MHz

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

Frequency  
CF Step 5.000000 MHz  
Auto Man  
Freq Offset 0 Hz

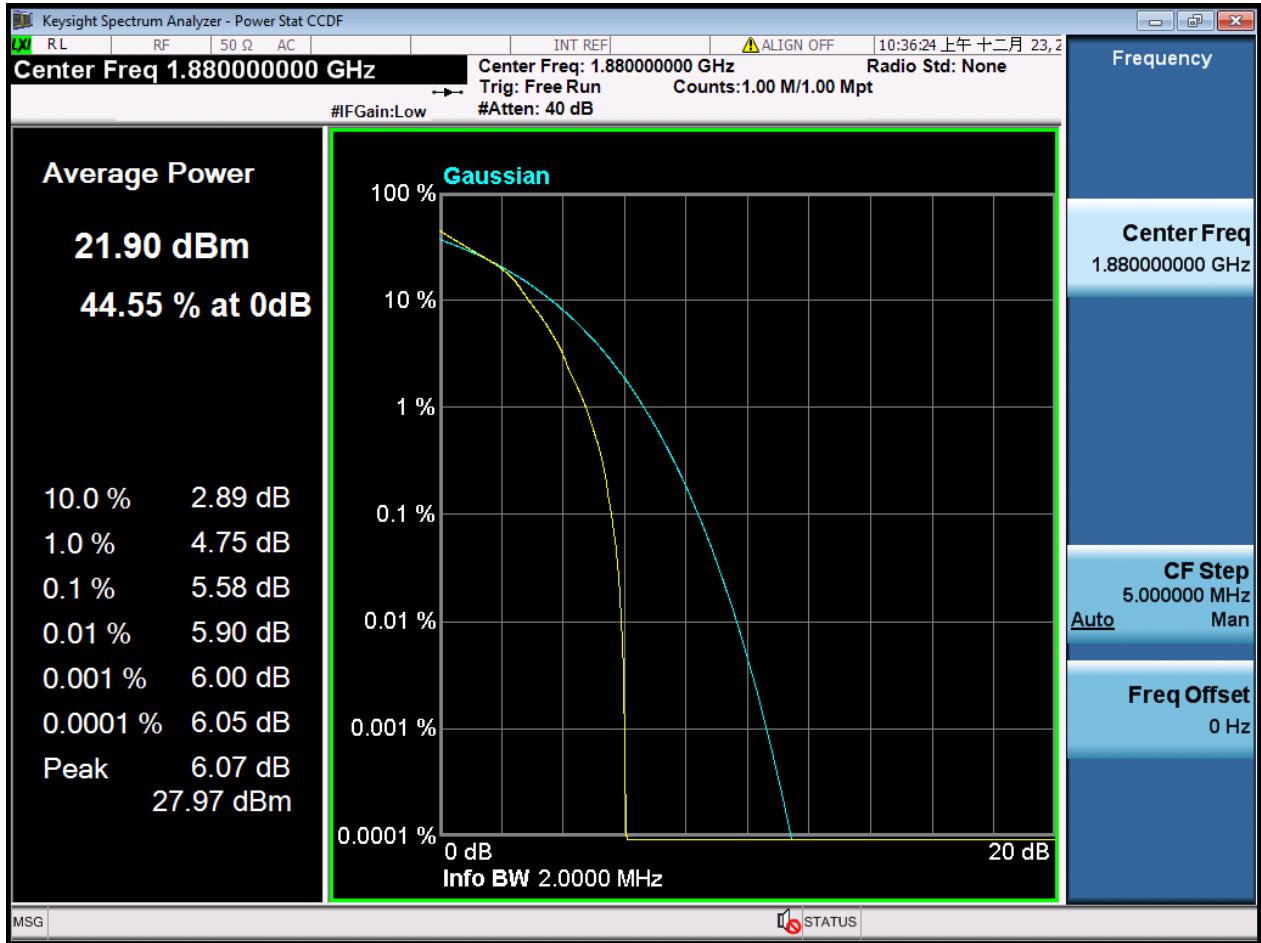
**1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.56	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	5.58	13	Pass



Average Power  
**21.90 dBm**  
**44.55 % at 0dB**

10.0 %	2.89 dB
1.0 %	4.75 dB
0.1 %	5.58 dB
0.01 %	5.90 dB
0.001 %	6.00 dB
0.0001 %	6.05 dB
Peak	6.07 dB
	27.97 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

**1.12. 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	5.57	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:36:29 上午 十二月 23, 2018

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  
21.91 dBm  
44.79 % at 0dB

10.0 % 2.88 dB  
1.0 % 4.75 dB  
0.1 % 5.57 dB  
0.01 % 5.86 dB  
0.001 % 5.95 dB  
0.0001 % 5.97 dB  
Peak 5.97 dB  
27.88 dBm

Gaussian

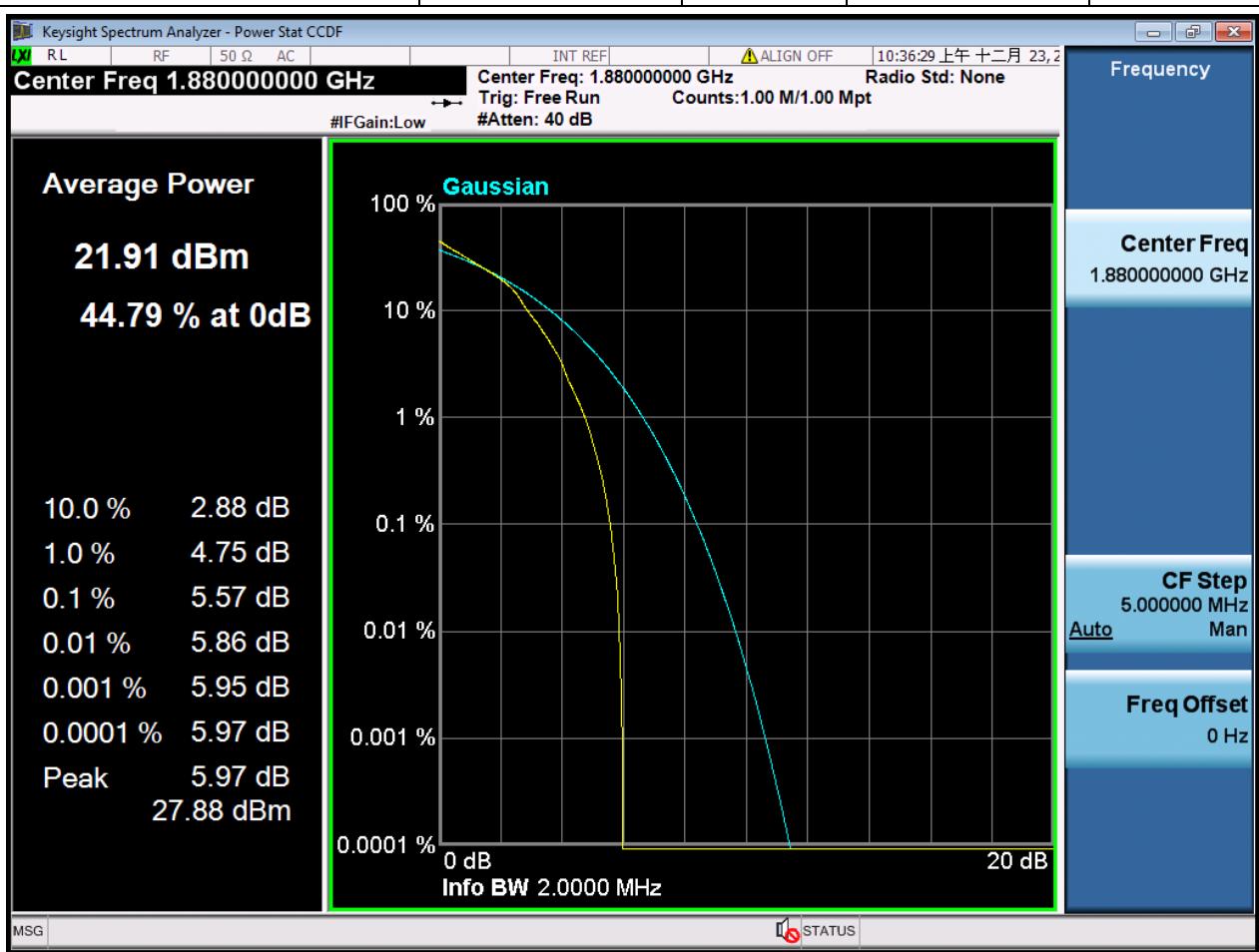
100 %  
10 %  
1 %  
0.1 %  
0.01 %  
0.001 %  
0.0001 %

0 dB 20 dB

Info BW 2.0000 MHz

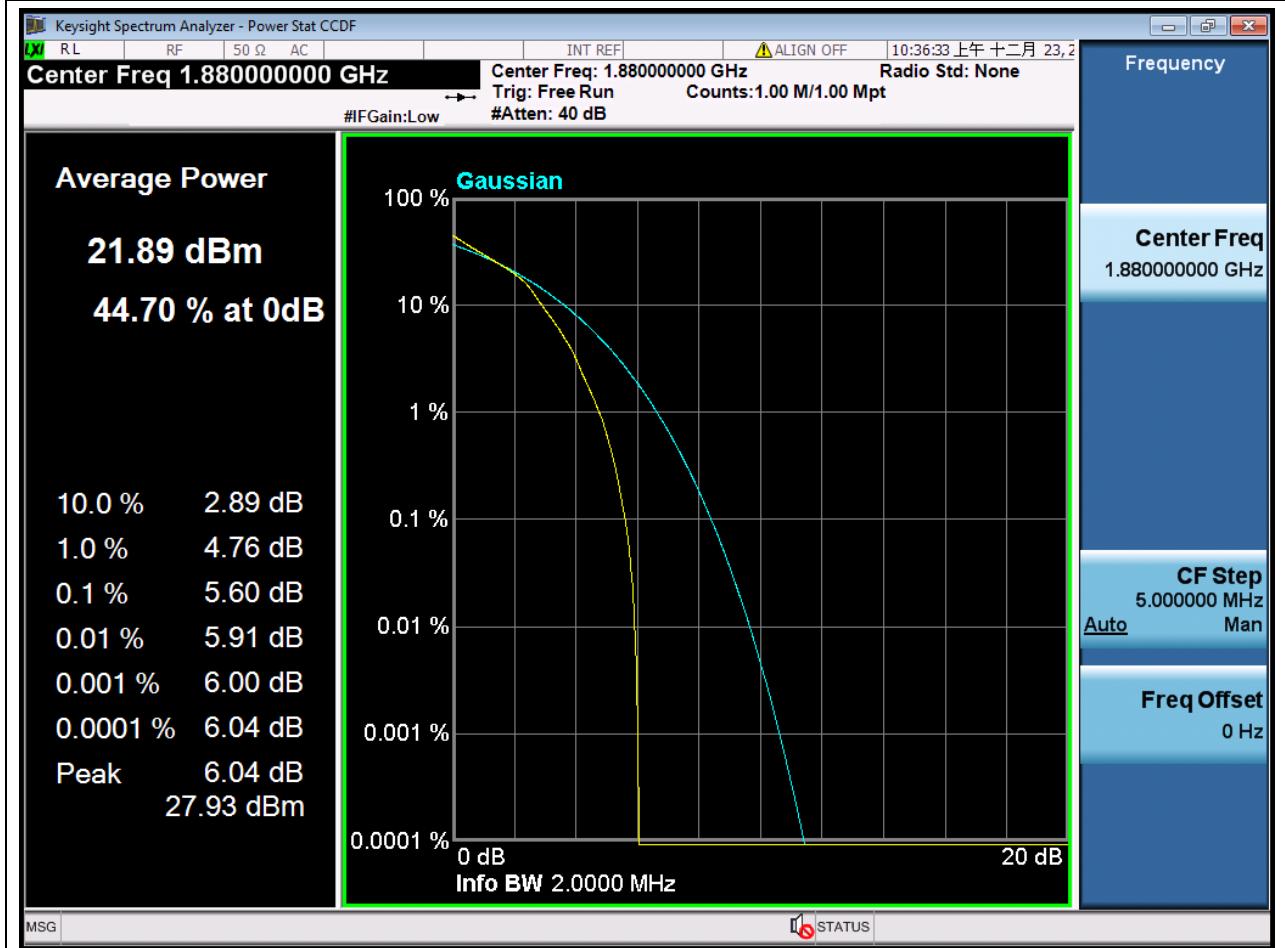
Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz  
Auto Man  
Freq Offset 0 Hz

MSG STATUS



**1.13. 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	5.6	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	6.09	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:36:37 上午 十二月 23, 2018

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  
20.92 dBm  
45.06 % at 0dB

10.0 % 2.95 dB  
1.0 % 4.91 dB  
0.1 % 6.09 dB  
0.01 % 6.79 dB  
0.001 % 6.98 dB  
0.0001 % 7.02 dB  
Peak 7.02 dB  
27.94 dBm

Gaussian



Info BW 2.0000 MHz

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

MSG STATUS

**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	4.73	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:37:35 上午 十二月 23, 2018

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  
22.84 dBm  
49.16 % at 0dB

10.0 % 2.49 dB  
1.0 % 4.06 dB  
0.1 % 4.73 dB  
0.01 % 5.04 dB  
0.001 % 5.21 dB  
0.0001 % 5.25 dB  
Peak 5.25 dB  
28.09 dBm

Gaussian



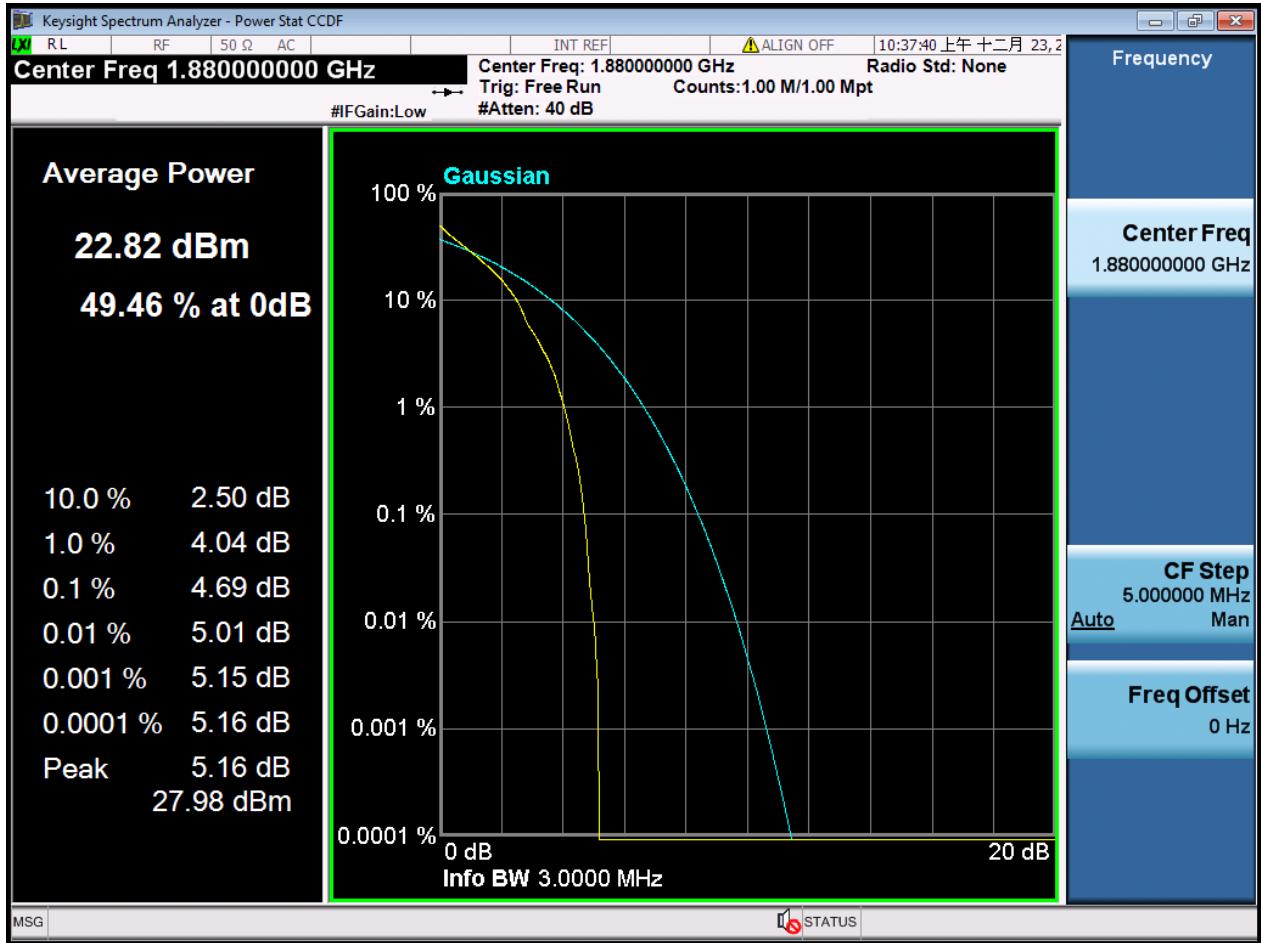
Info BW 3.0000 MHz

Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz 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	4.69	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	4.7	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:37:45 上午 十二月 23, 2018

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  
49.36 % at 0dB

10.0 % 2.50 dB  
1.0 % 4.04 dB  
0.1 % 4.70 dB  
0.01 % 5.20 dB  
0.001 % 5.32 dB  
0.0001 % 5.34 dB  
Peak 5.34 dB  
28.15 dBm

Gaussian



0 dB 20 dB

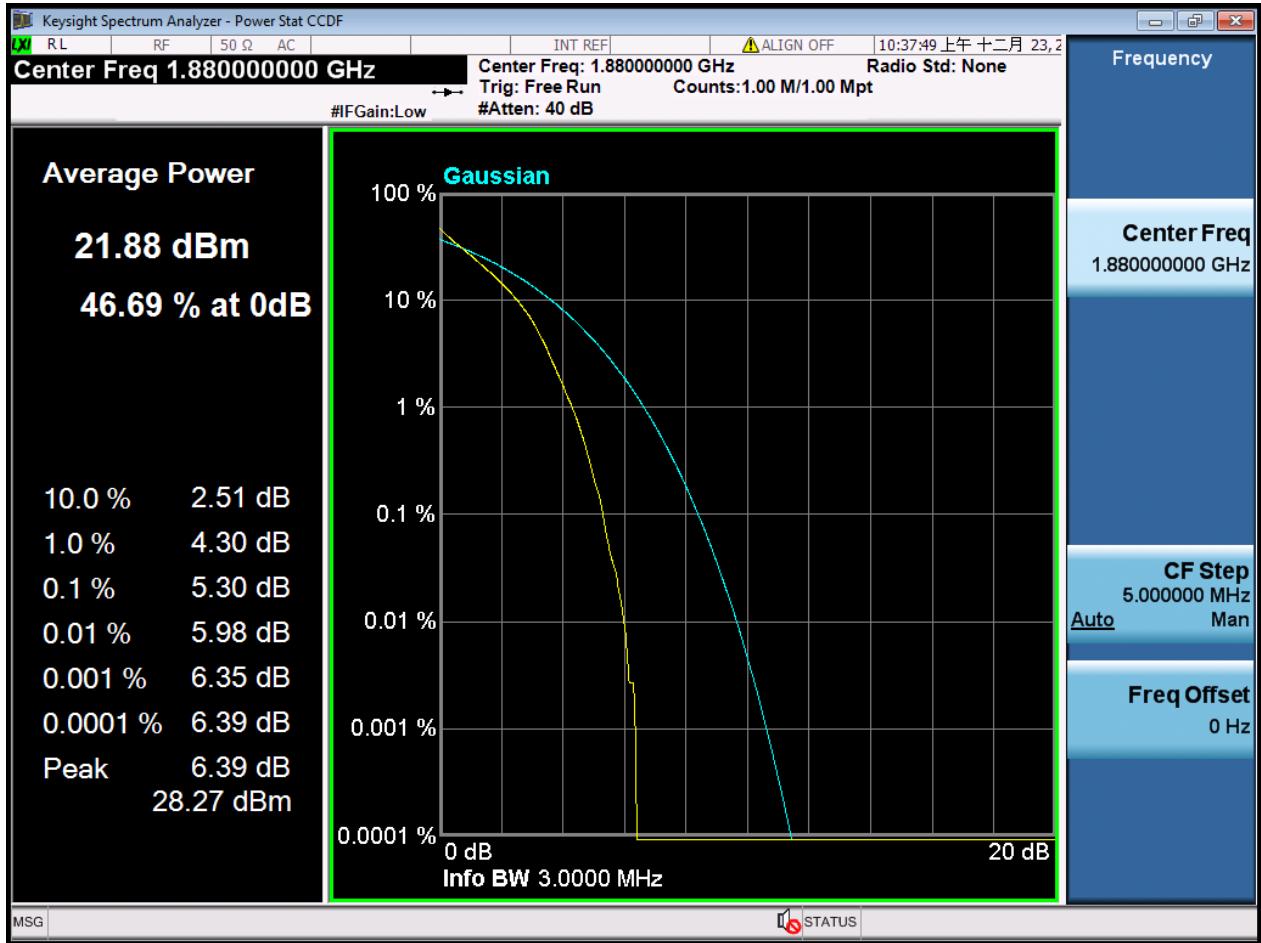
Info BW 3.0000 MHz

Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz 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	5.3	13	Pass

Average Power  
21.88 dBm  
46.69 % at 0dB

10.0 %	2.51 dB
1.0 %	4.30 dB
0.1 %	5.30 dB
0.01 %	5.98 dB
0.001 %	6.35 dB
0.0001 %	6.39 dB
Peak	6.39 dB
	28.27 dBm

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

**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	5.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:37:53 上午 十二月 23, 2018

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Radio Std: None

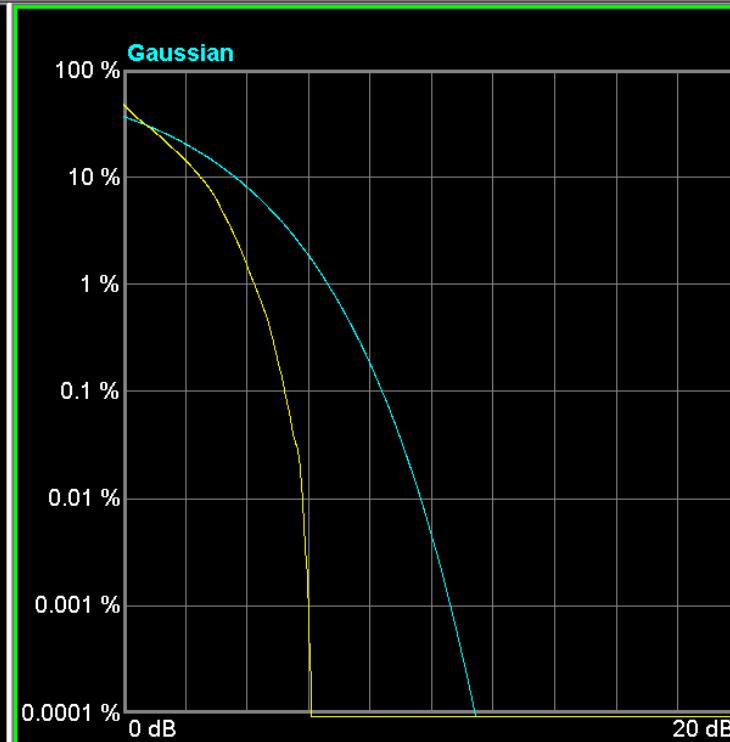
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power  
21.92 dBm  
47.52 % at 0dB

10.0 % 2.50 dB  
1.0 % 4.24 dB  
0.1 % 5.22 dB  
0.01 % 5.80 dB  
0.001 % 5.99 dB  
0.0001 % 6.07 dB  
Peak 6.07 dB  
27.99 dBm

Gaussian



Info BW 3.0000 MHz

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

MSG STATUS

**1.20. 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	5.3	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:37:57 上午 十二月 23, 2018

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  
21.87 dBm  
47.20 % at 0dB

10.0 % 2.52 dB  
1.0 % 4.29 dB  
0.1 % 5.30 dB  
0.01 % 5.95 dB  
0.001 % 6.14 dB  
0.0001 % 6.24 dB  
Peak 6.24 dB  
28.11 dBm

Gaussian

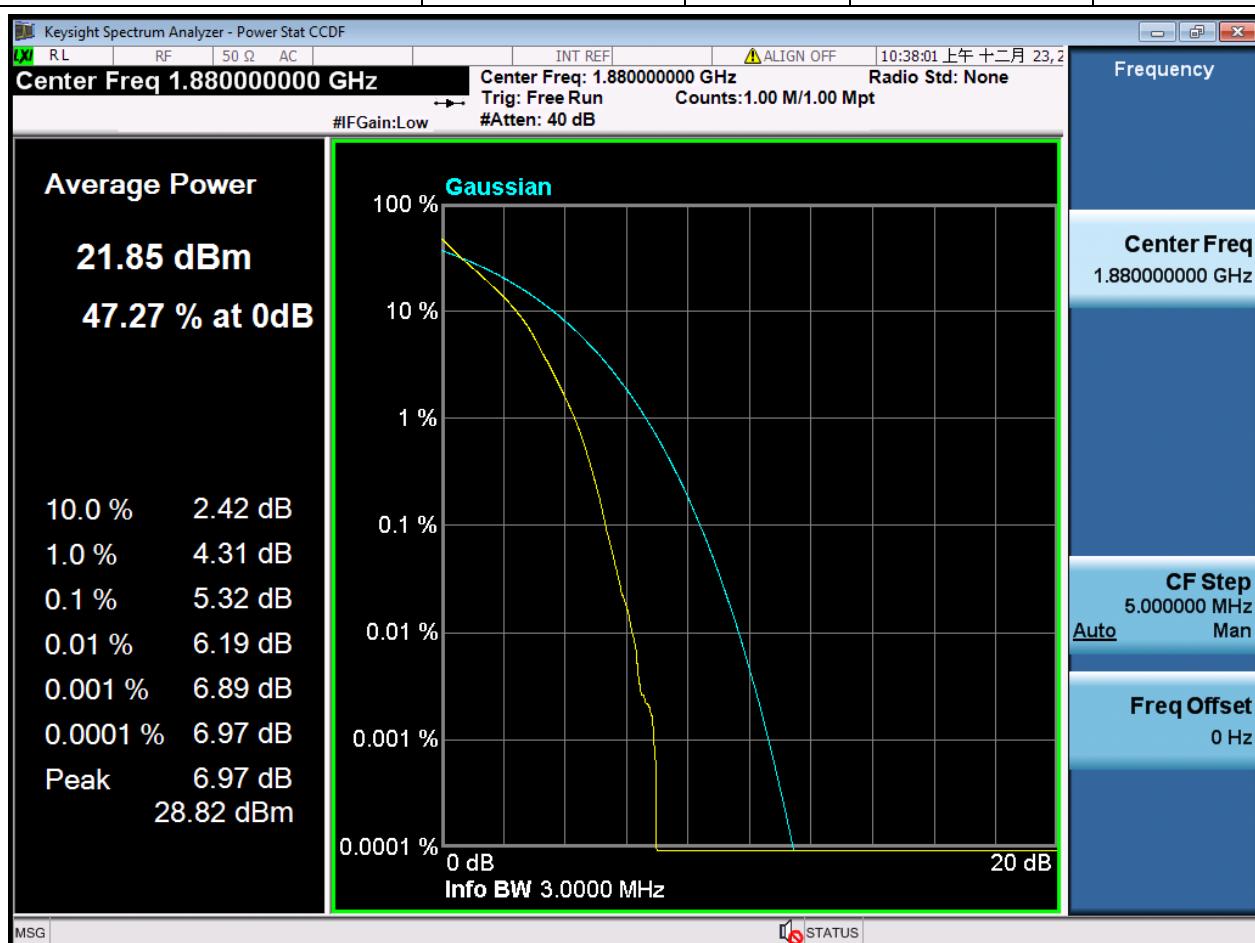


Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz  
Auto Man  
Freq Offset 0 Hz

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	5.32	13	Pass



**Average Power**  
**21.85 dBm**  
**47.27 % at 0dB**

10.0 %	2.42 dB
1.0 %	4.31 dB
0.1 %	5.32 dB
0.01 %	6.19 dB
0.001 %	6.89 dB
0.0001 %	6.97 dB
Peak	6.97 dB
	28.82 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

MSG STATUS

**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	5.59	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:38:05 上午 十二月 23, 2018

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  
45.04 % at 0dB

10.0 % 2.82 dB  
1.0 % 4.83 dB  
0.1 % 5.59 dB  
0.01 % 5.87 dB  
0.001 % 5.96 dB  
0.0001 % 6.00 dB  
Peak 6.03 dB  
28.10 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  
Freq Offset 0 Hz

MSG STATUS

**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	5.55	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:38:09 上午 十二月 23, 2018

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Radio Std: None

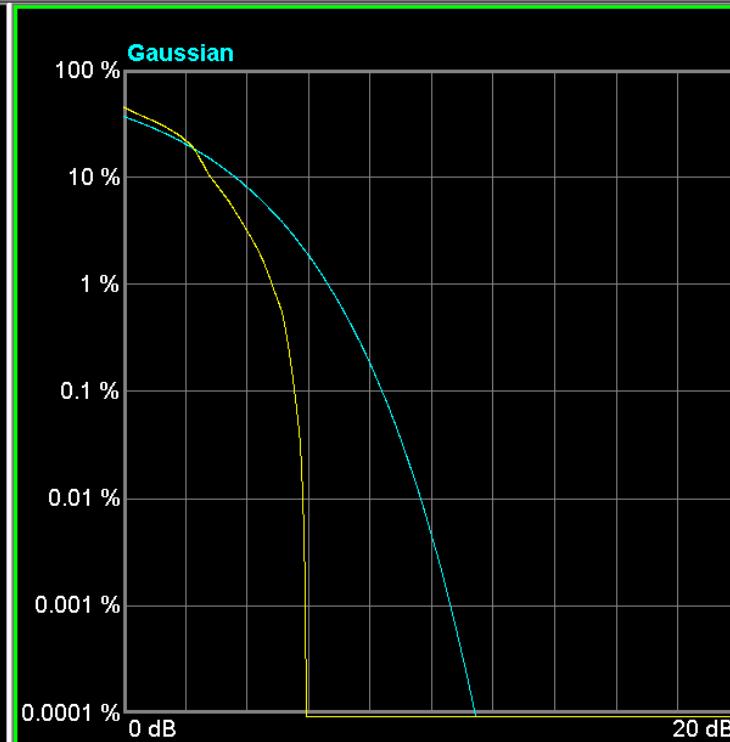
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power  
22.04 dBm  
45.22 % at 0dB

10.0 % 2.82 dB  
1.0 % 4.82 dB  
0.1 % 5.55 dB  
0.01 % 5.82 dB  
0.001 % 5.90 dB  
0.0001 % 5.92 dB  
Peak 5.93 dB  
27.97 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	5.54	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:38:13 上午 十二月 23, 2018

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Radio Std: None

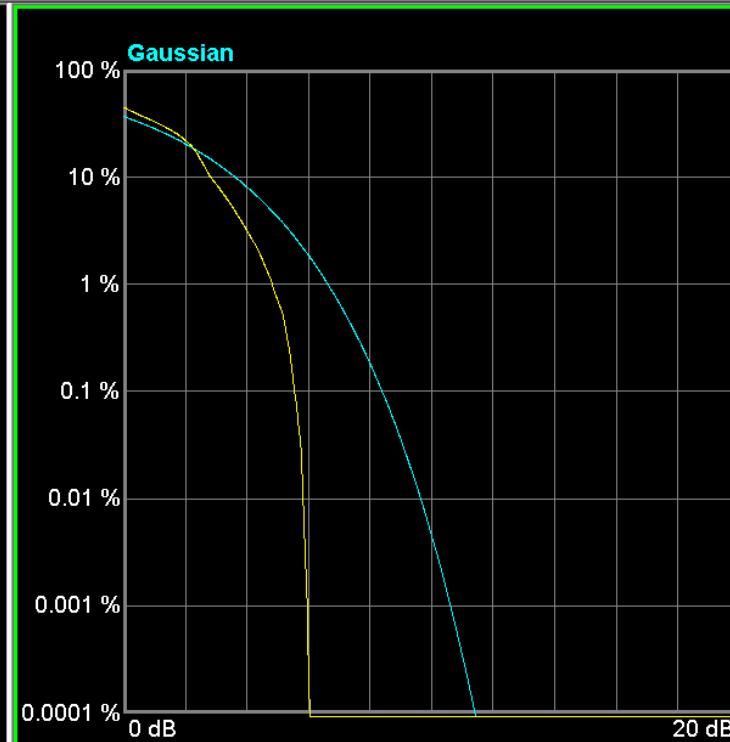
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power  
22.07 dBm  
44.90 % at 0dB

10.0 % 2.82 dB  
1.0 % 4.82 dB  
0.1 % 5.54 dB  
0.01 % 5.83 dB  
0.001 % 5.95 dB  
0.0001 % 6.02 dB  
Peak 6.04 dB  
28.11 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

**1.25. 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	5.96	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:38:17 上午 十二月 23, 2018

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  
20.93 dBm  
44.35 % at 0dB

10.0 % 2.95 dB  
1.0 % 4.93 dB  
0.1 % 5.96 dB  
0.01 % 6.75 dB  
0.001 % 7.29 dB  
0.0001 % 7.33 dB  
Peak 7.35 dB  
28.28 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

**1.26. 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	5.9	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:38:21 上午 十二月 23, 2018

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  
20.94 dBm  
44.40 % at 0dB

10.0 % 2.95 dB  
1.0 % 4.89 dB  
0.1 % 5.90 dB  
0.01 % 6.56 dB  
0.001 % 7.16 dB  
0.0001 % 7.21 dB  
Peak 7.26 dB  
28.20 dBm

Gaussian



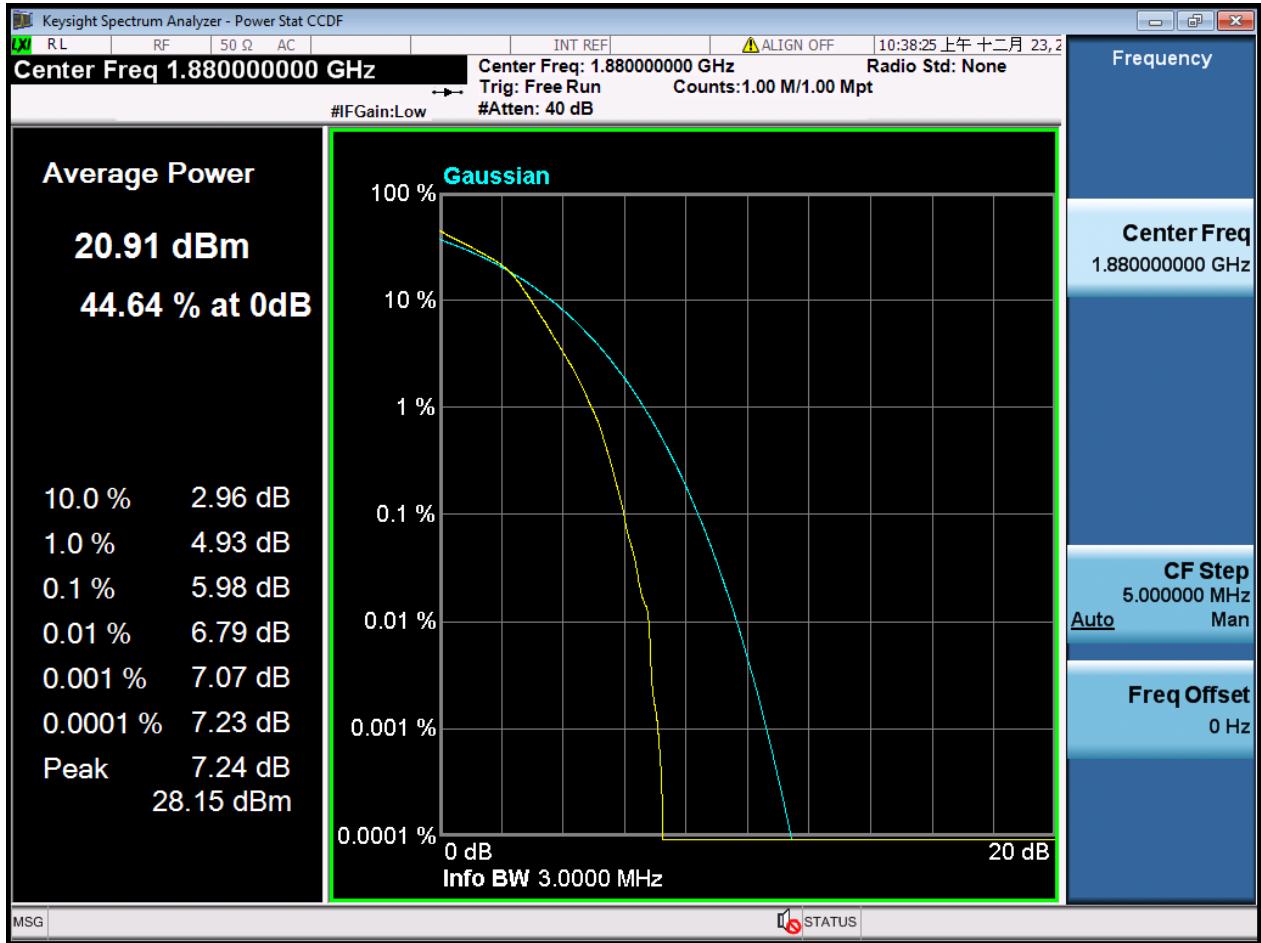
0.0001 % 0 dB 20 dB  
Info BW 3.0000 MHz

Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz Man  
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	5.98	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	6.37	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:38:29 上午 十二月 23, 2018

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  
20.84 dBm  
44.40 % at 0dB

10.0 % 2.93 dB  
1.0 % 4.97 dB  
0.1 % 6.37 dB  
0.01 % 7.19 dB  
0.001 % 7.67 dB  
0.0001 % 7.85 dB  
Peak 7.85 dB  
28.69 dBm

Gaussian



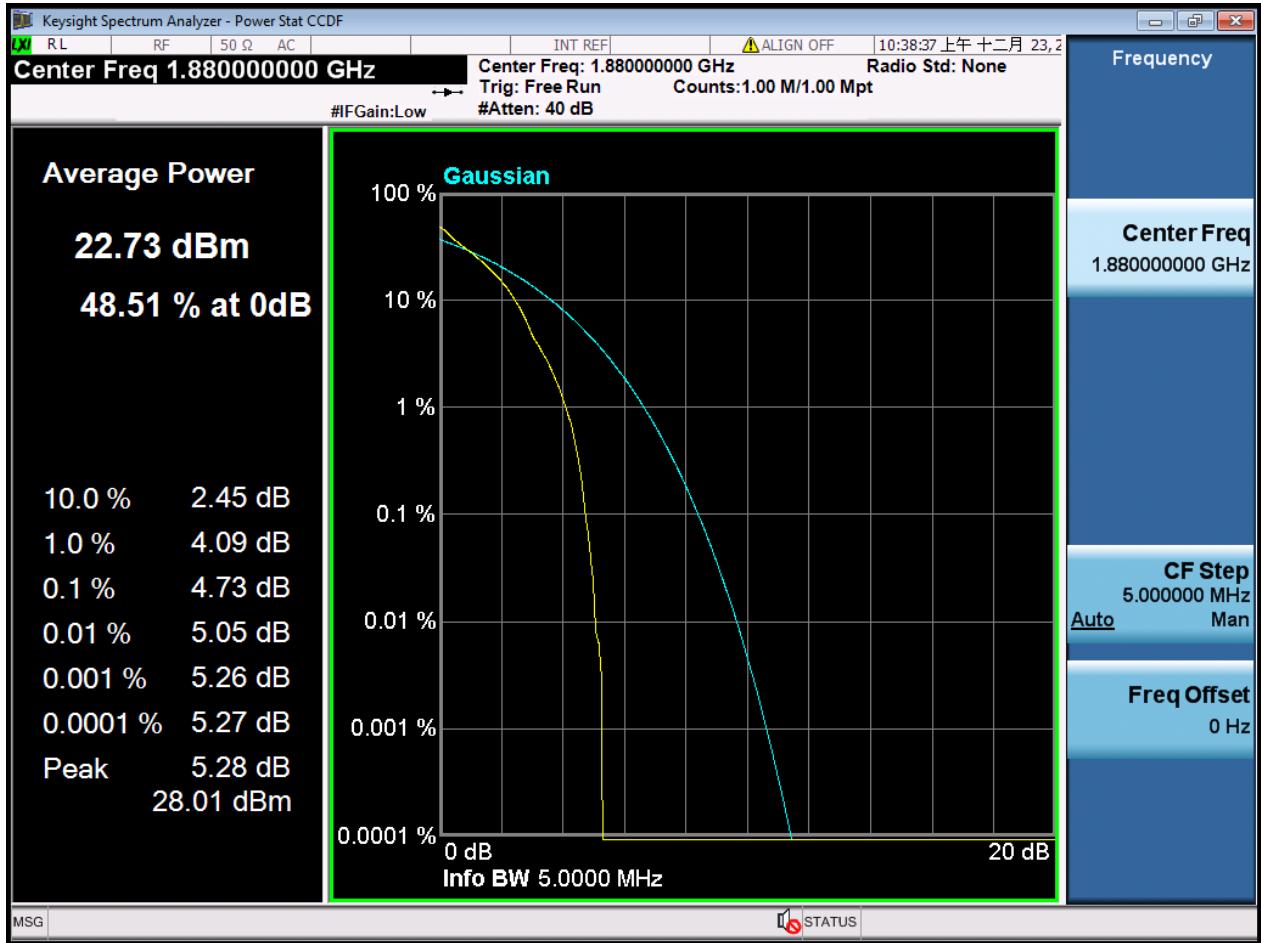
0.0001 % 0 dB 20 dB  
Info BW 3.0000 MHz

Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz Man  
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	4.73	13	Pass

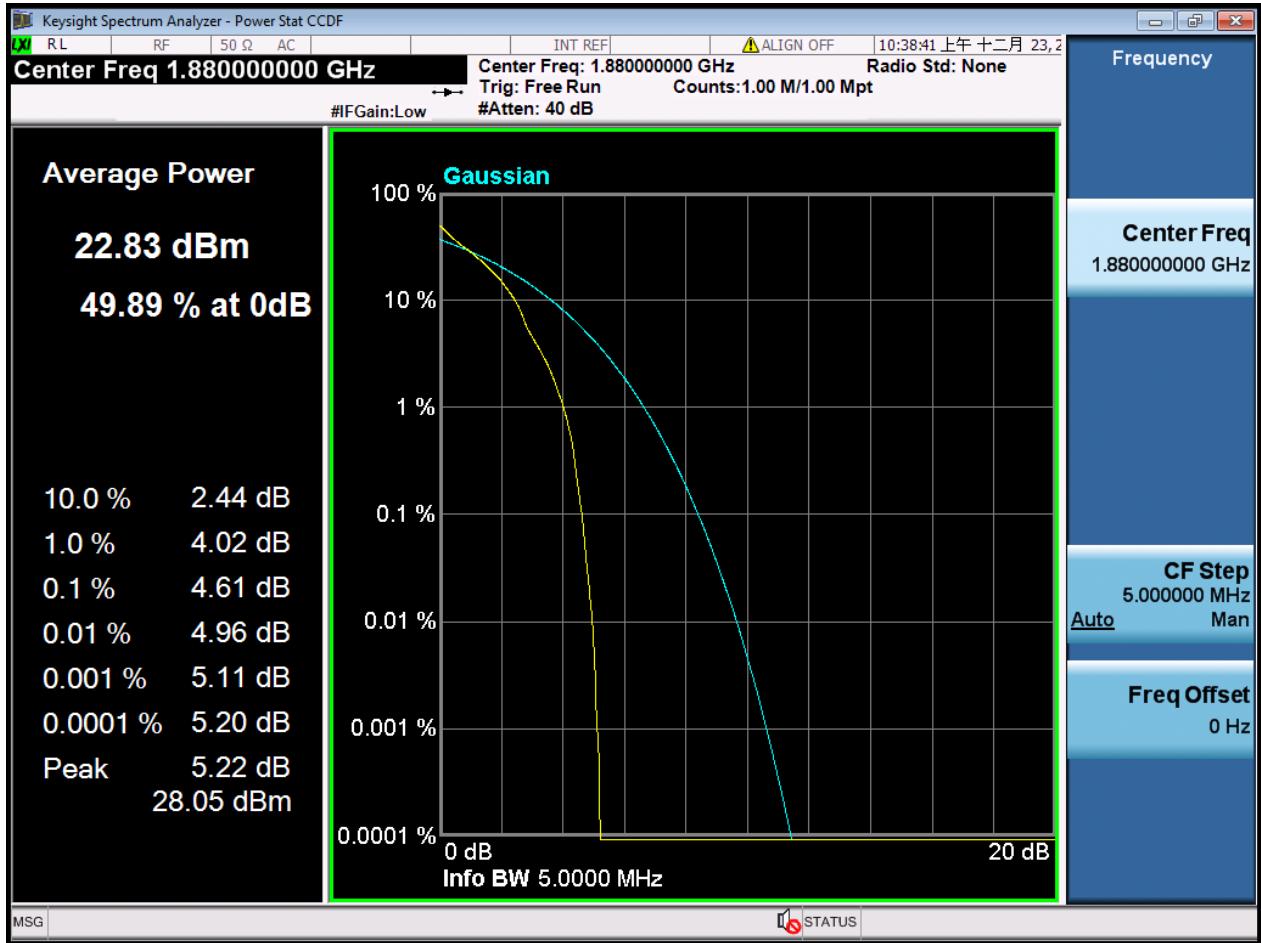


Average Power  
**22.73 dBm**  
**48.51 % at 0dB**

10.0 %	2.45 dB
1.0 %	4.09 dB
0.1 %	4.73 dB
0.01 %	5.05 dB
0.001 %	5.26 dB
0.0001 %	5.27 dB
Peak	5.28 dB
	28.01 dBm

**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	4.61	13	Pass



**Average Power**  
**22.83 dBm**  
**49.89 % at 0dB**

10.0 %	2.44 dB
1.0 %	4.02 dB
0.1 %	4.61 dB
0.01 %	4.96 dB
0.001 %	5.11 dB
0.0001 %	5.20 dB
Peak	5.22 dB
	28.05 dBm

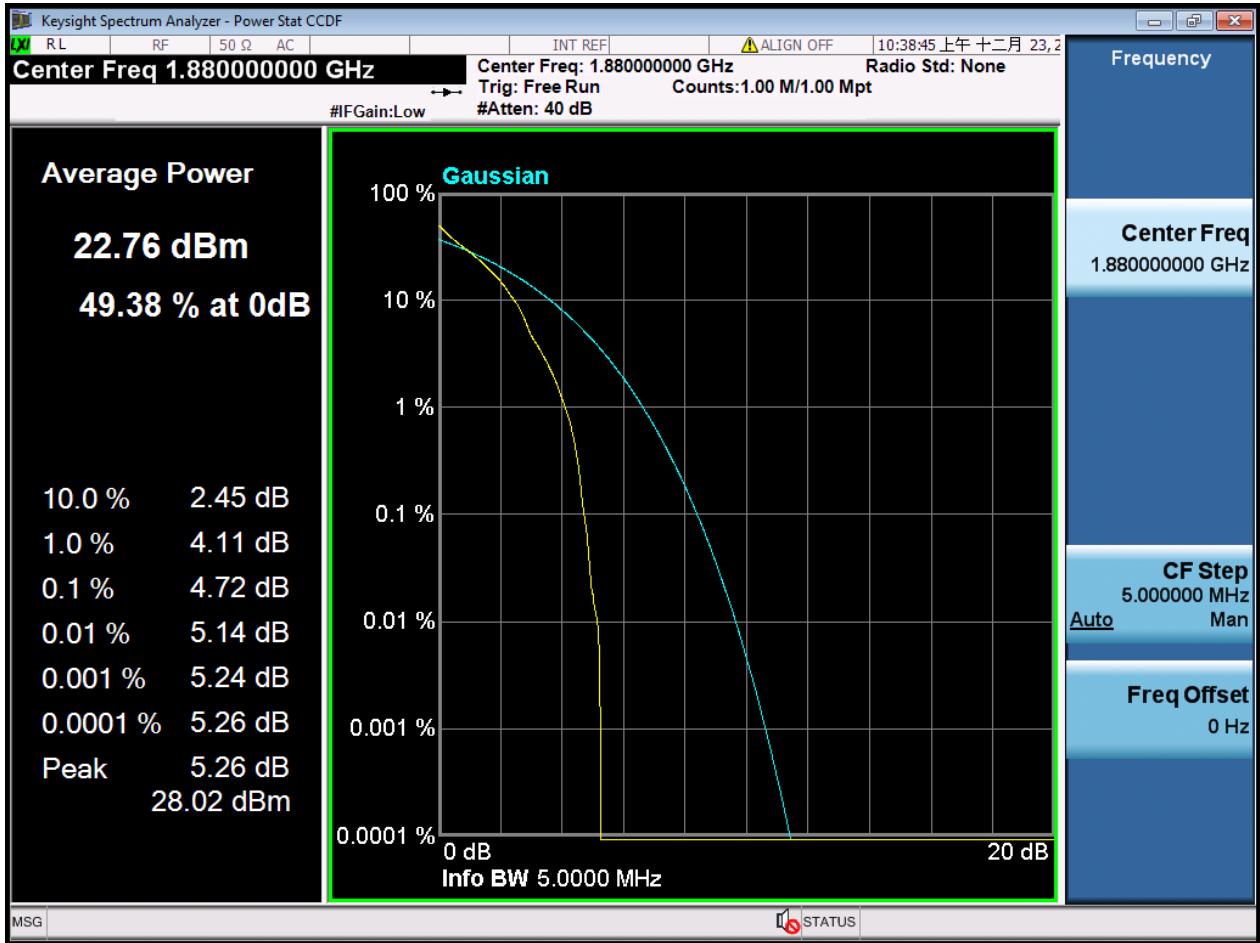
Center Freq 1.880000000 GHz      Center Freq: 1.880000000 GHz      Radio Std: None  
Trig: Free Run      Counts: 1.00 M/1.00 Mpt  
#IFGain:Low      #Atten: 40 dB

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

MSG STATUS

**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	4.72	13	Pass



**Average Power**  
**22.76 dBm**  
**49.38 % at 0dB**

10.0 %	2.45 dB
1.0 %	4.11 dB
0.1 %	4.72 dB
0.01 %	5.14 dB
0.001 %	5.24 dB
0.0001 %	5.26 dB
Peak	5.26 dB
	28.02 dBm

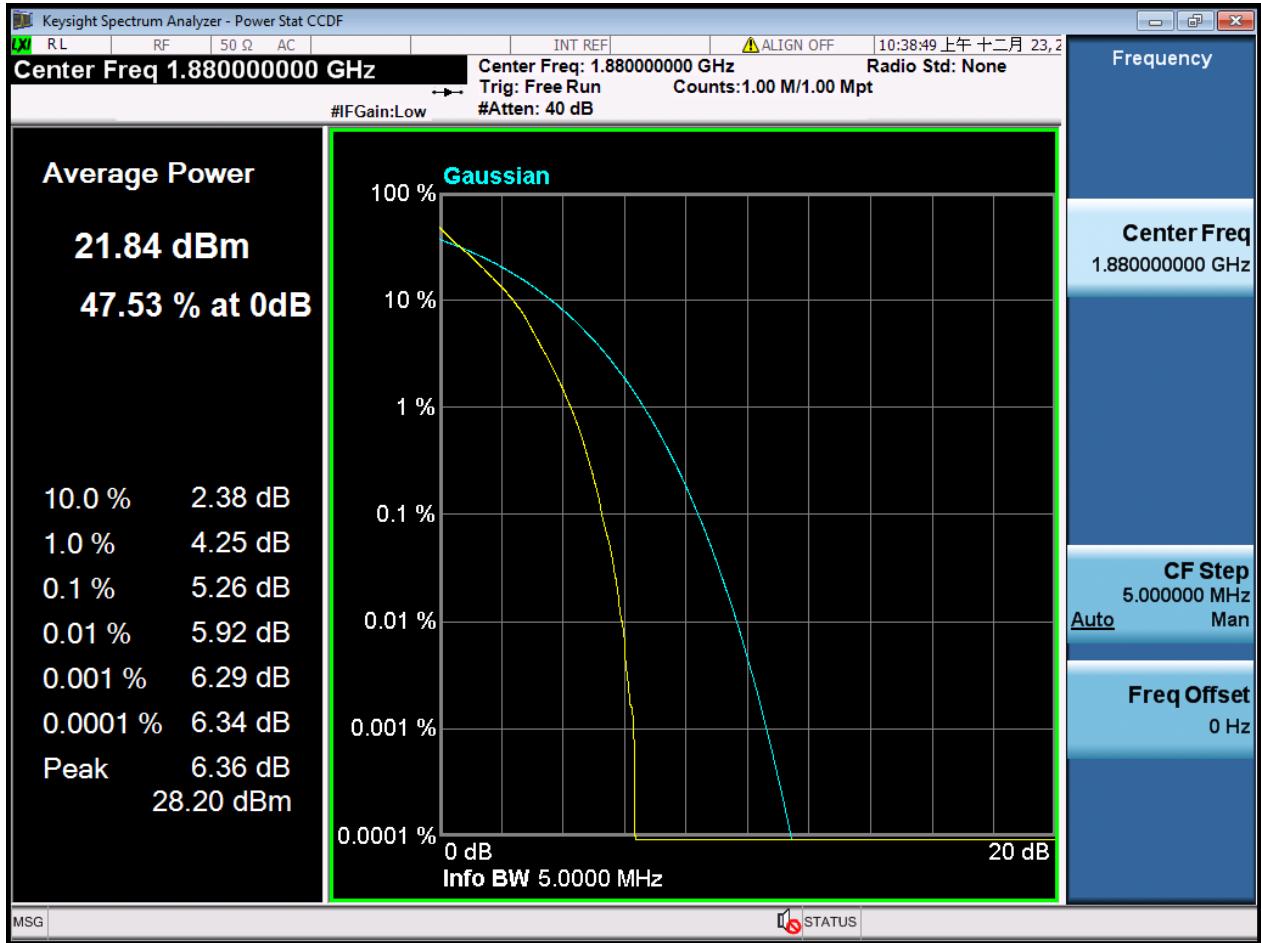
Center Freq 1.880000000 GHz      Center Freq: 1.880000000 GHz      Radio Std: None  
Trig: Free Run      Counts: 1.00 M/1.00 Mpt  
#IFGain:Low      #Atten: 40 dB

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

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	5.26	13	Pass

Average Power  
**21.84 dBm**  
47.53 % at 0dB

10.0 %	2.38 dB
1.0 %	4.25 dB
0.1 %	5.26 dB
0.01 %	5.92 dB
0.001 %	6.29 dB
0.0001 %	6.34 dB
Peak	6.36 dB
	28.20 dBm

**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	5.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:38:54 上午 十二月 23, 2018

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  
21.89 dBm  
48.07 % at 0dB

10.0 % 2.37 dB  
1.0 % 4.21 dB  
0.1 % 5.22 dB  
0.01 % 5.72 dB  
0.001 % 6.09 dB  
0.0001 % 6.17 dB  
Peak 6.17 dB  
28.06 dBm

Gaussian

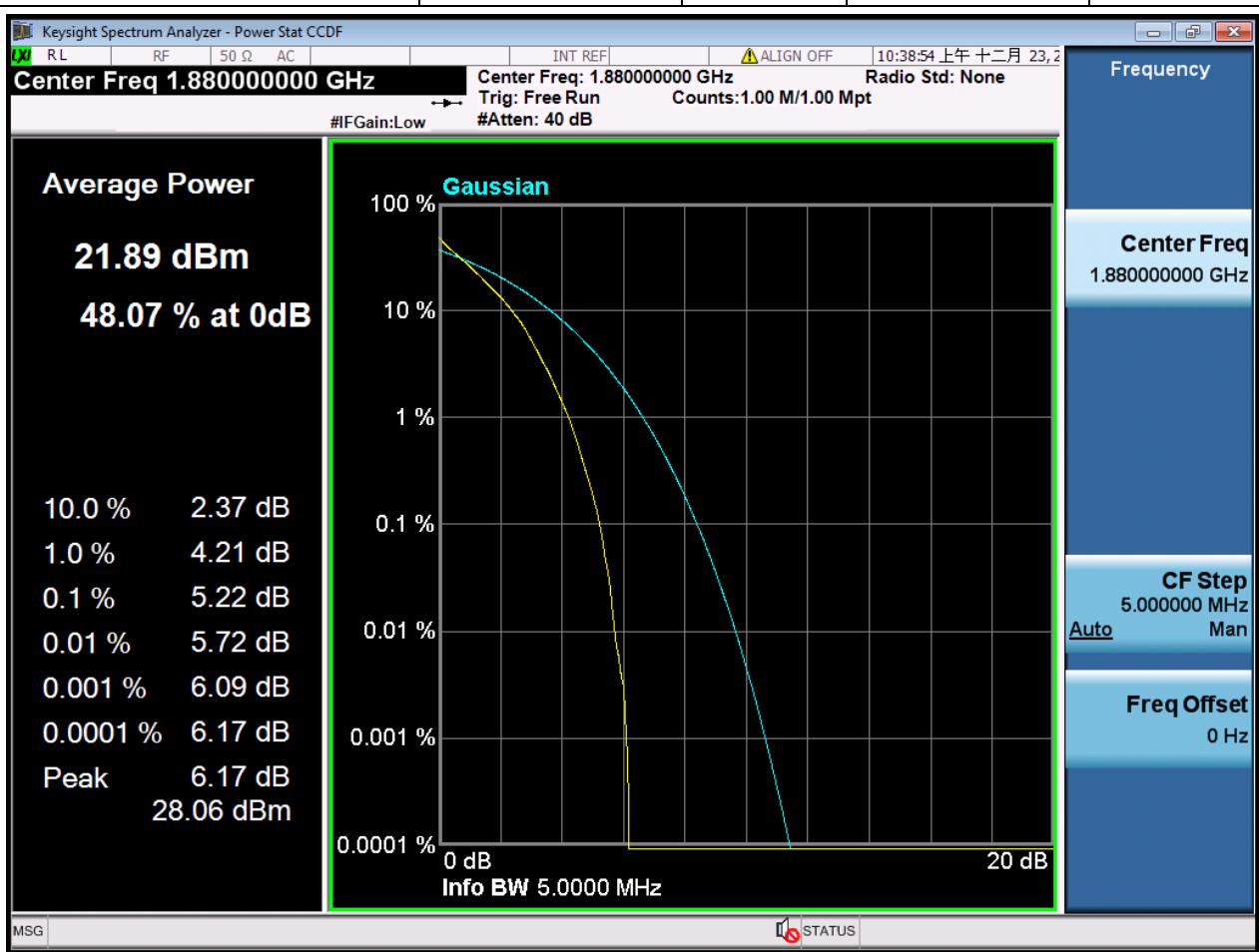
100 %  
10 %  
1 %  
0.1 %  
0.01 %  
0.001 %  
0.0001 %

0 dB 20 dB

Info BW 5.0000 MHz

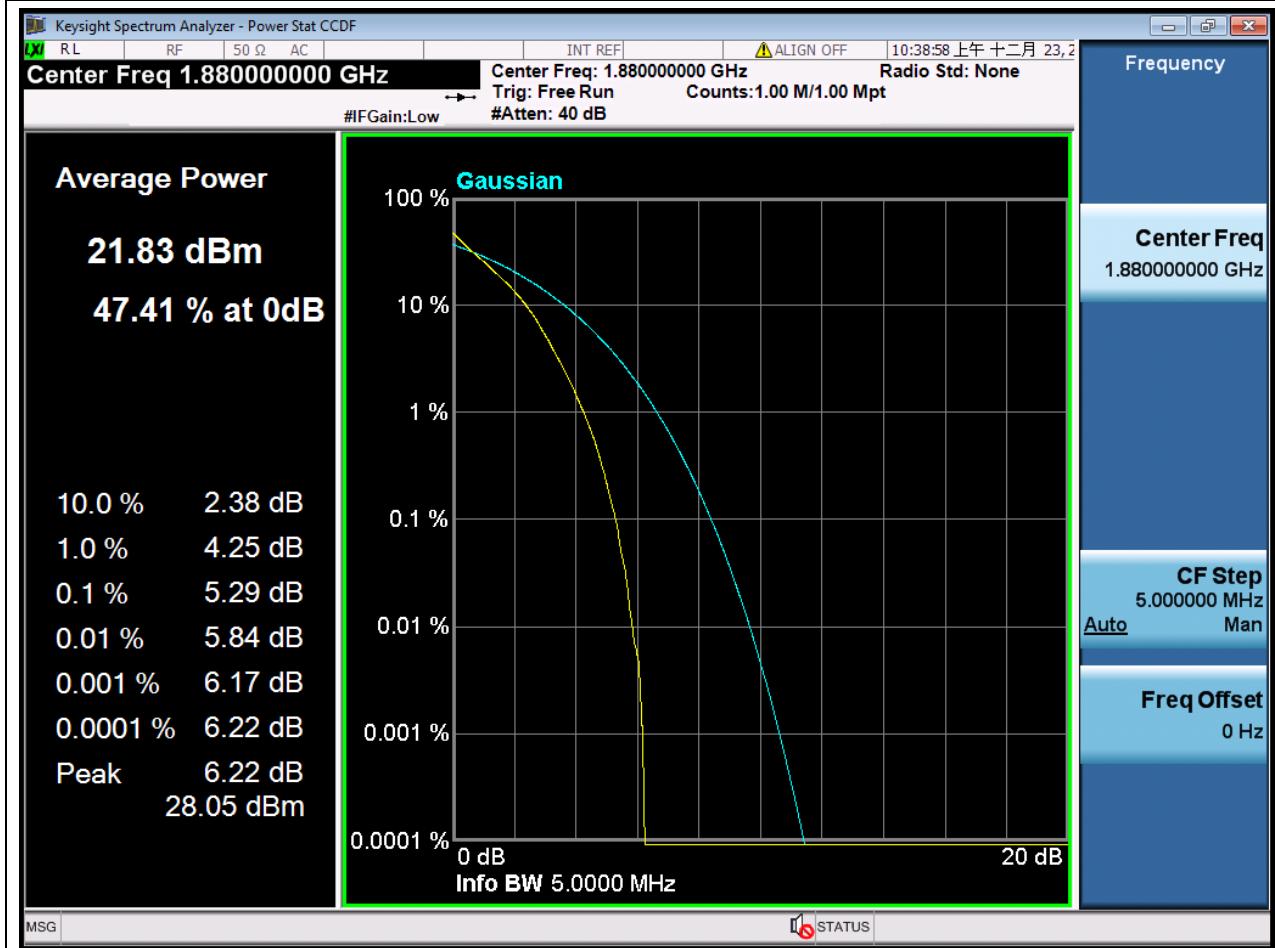
Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz  
Auto Man  
Freq Offset 0 Hz

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	5.29	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	5.46	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:39:02 上午 十二月 23, 2018

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  
21.86 dBm  
47.80 % at 0dB

10.0 % 2.34 dB  
1.0 % 4.30 dB  
0.1 % 5.46 dB  
0.01 % 6.21 dB  
0.001 % 6.53 dB  
0.0001 % 6.63 dB  
Peak 6.66 dB  
28.52 dBm

Gaussian



0.0001 % 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

**1.36. 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	5.67	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:39:06 上午 十二月 23, 2018

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  
22.00 dBm  
44.34 % at 0dB

10.0 % 2.81 dB  
1.0 % 5.01 dB  
0.1 % 5.67 dB  
0.01 % 5.95 dB  
0.001 % 6.00 dB  
0.0001 % 6.01 dB  
Peak 6.01 dB  
28.01 dBm

Gaussian



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

0 dB 20 dB

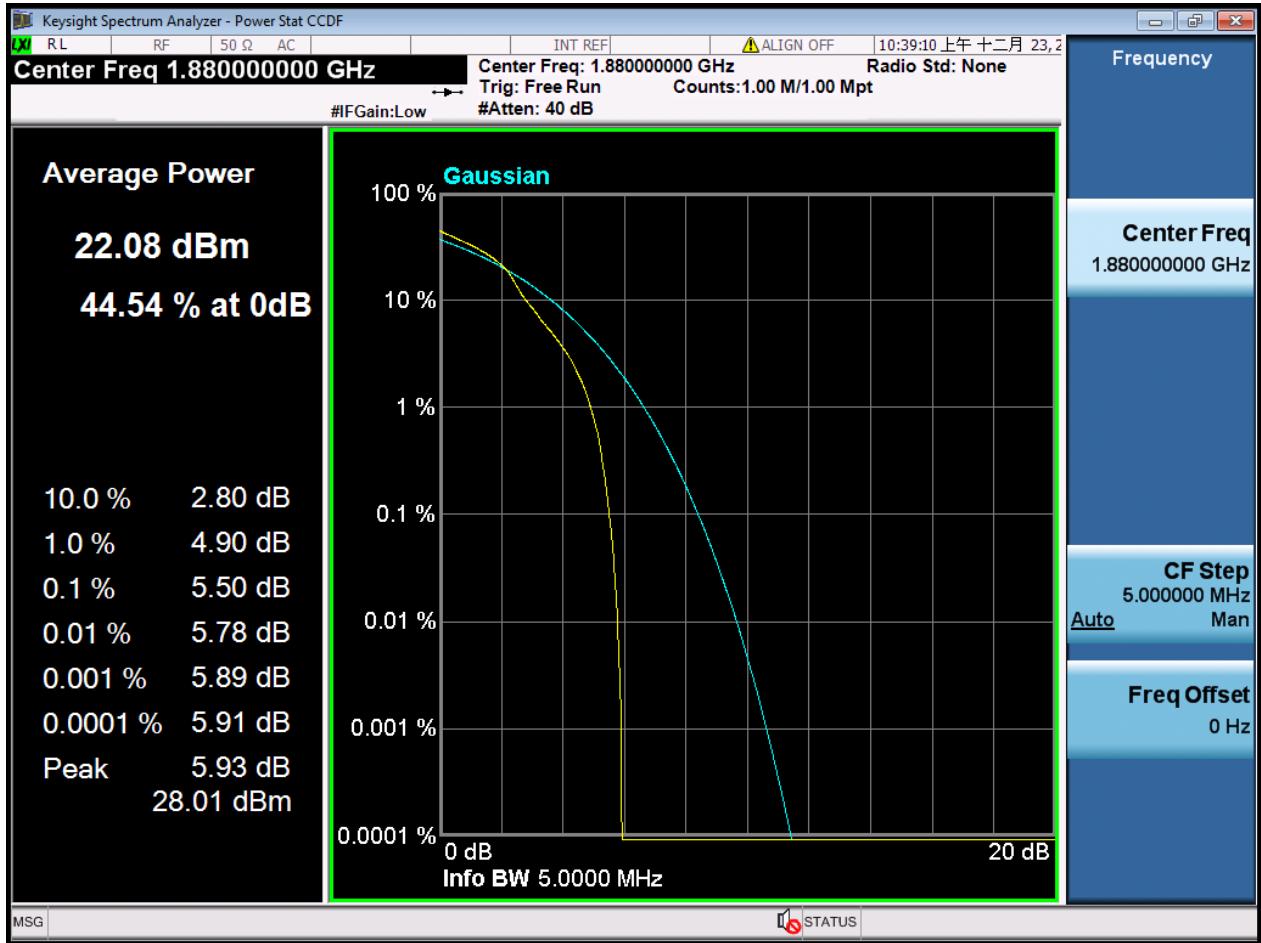
Info BW 5.0000 MHz

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	5.5	13	Pass

The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- 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:** 22.08 dBm
- 44.54 % at 0dB**
- Peak:** 5.93 dB
- 28.01 dBm**
- CF Step:** 5.000000 MHz
- Freq Offset:** 0 Hz
- Info BW:** 5.0000 MHz

The graph displays a Gaussian distribution curve on a semi-logarithmic scale from 0.0001% to 100% on the y-axis and -20 dB to 0 dB on the x-axis.

**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	5.66	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:39:14 上午 十二月 23, 2014

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Radio Std: None

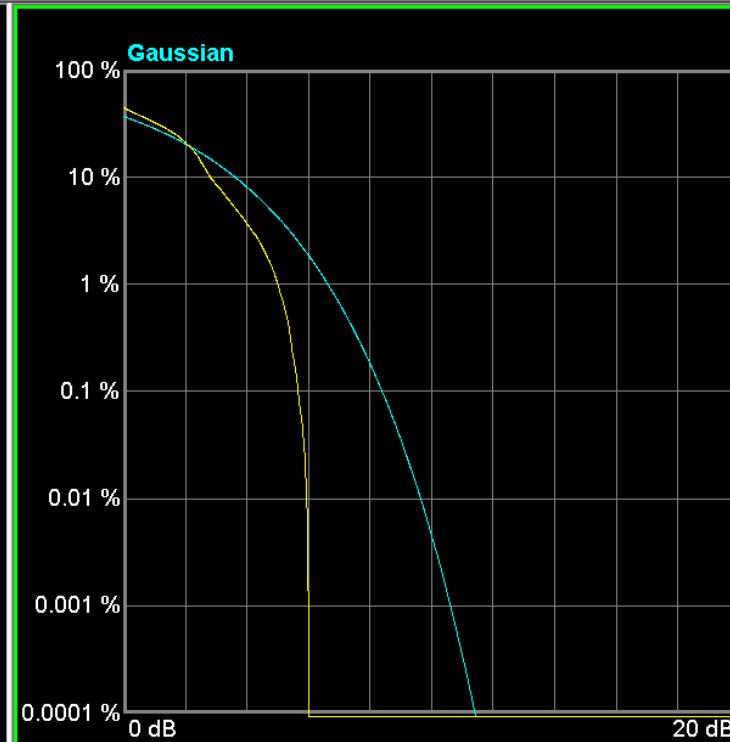
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power  
22.03 dBm  
44.49 % at 0dB

10.0 % 2.81 dB  
1.0 % 5.01 dB  
0.1 % 5.66 dB  
0.01 % 5.94 dB  
0.001 % 5.99 dB  
0.0001 % 6.00 dB  
Peak 6.00 dB  
28.03 dBm

Gaussian



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

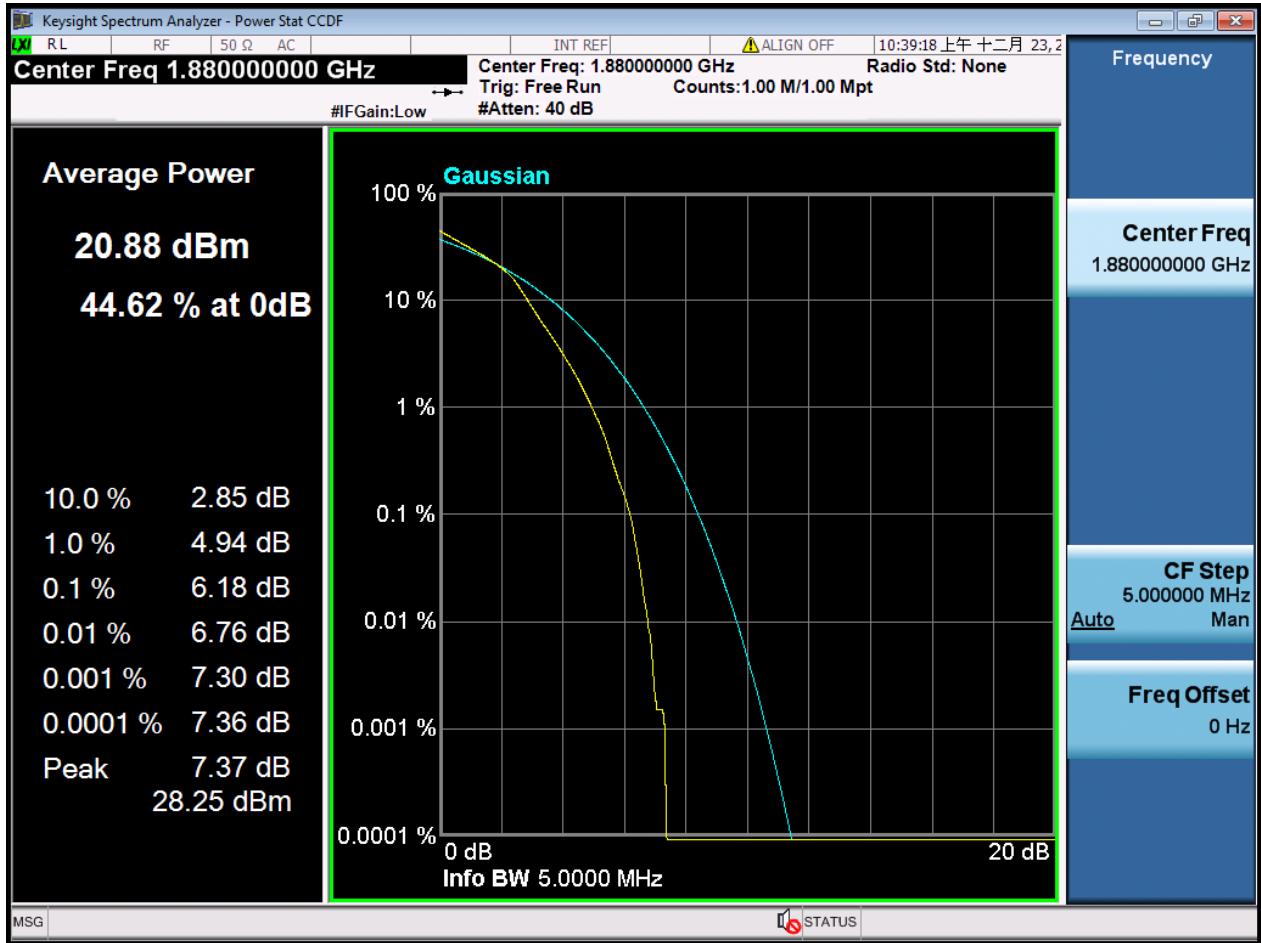
0 dB 20 dB Info BW 5.0000 MHz

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

MSG STATUS

**1.39. 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	6.18	13	Pass

**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	6.06	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:39:22 上午 十二月 23, 2018

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  
20.92 dBm  
44.86 % at 0dB

10.0 % 2.83 dB  
1.0 % 4.88 dB  
0.1 % 6.06 dB  
0.01 % 6.62 dB  
0.001 % 6.87 dB  
0.0001 % 6.95 dB  
Peak 6.95 dB  
27.87 dBm

Gaussian



0.0001 % 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

**1.41. 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	6.17	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:39:26 上午 十二月 23, 2018

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  
20.88 dBm  
44.72 % at 0dB

10.0 % 2.85 dB  
1.0 % 4.96 dB  
0.1 % 6.17 dB  
0.01 % 6.71 dB  
0.001 % 7.26 dB  
0.0001 % 7.36 dB  
Peak 7.36 dB  
28.24 dBm

Gaussian



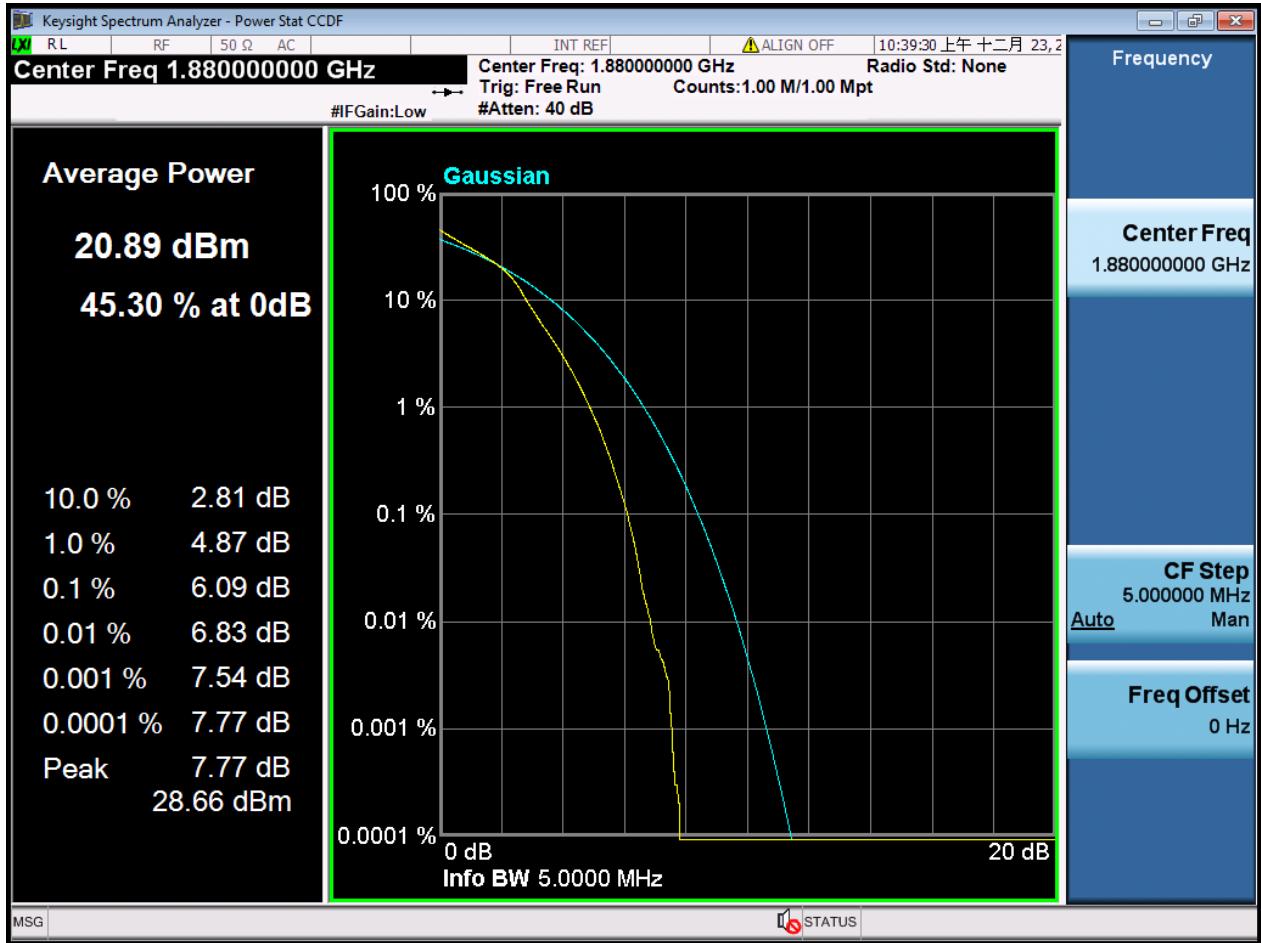
0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

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

MSG STATUS

**1.42. 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	6.09	13	Pass

**Average Power**  
**20.89 dBm**  
**45.30 % at 0dB**

10.0 %	2.81 dB
1.0 %	4.87 dB
0.1 %	6.09 dB
0.01 %	6.83 dB
0.001 %	7.54 dB
0.0001 %	7.77 dB
Peak	7.77 dB
	28.66 dBm

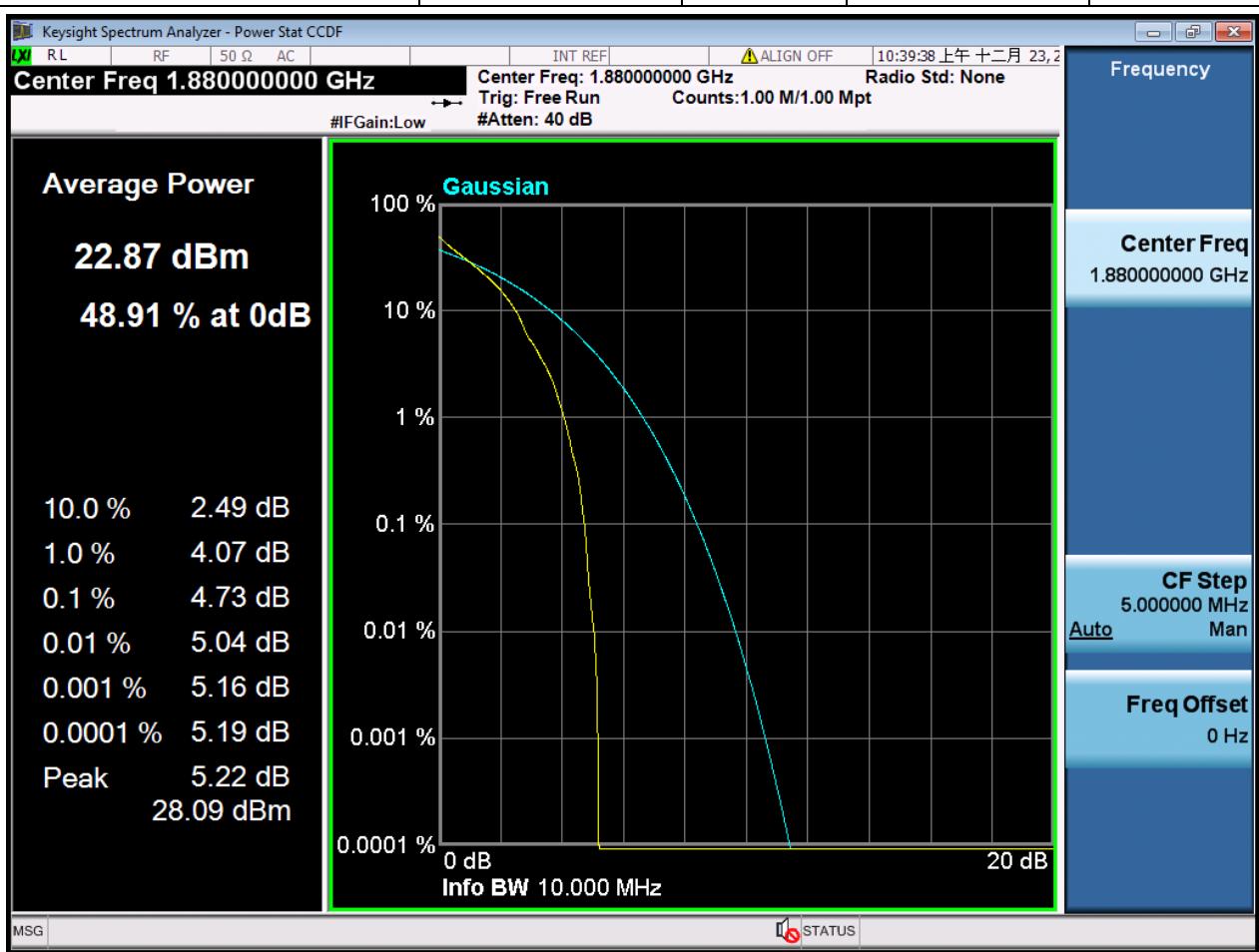
**Gaussian**

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

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

**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	4.73	13	Pass



Average Power  
**22.87 dBm**  
**48.91 % at 0dB**

10.0 %	2.49 dB
1.0 %	4.07 dB
0.1 %	4.73 dB
0.01 %	5.04 dB
0.001 %	5.16 dB
0.0001 %	5.19 dB
Peak	5.22 dB
	28.09 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

MSG STATUS

**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	4.59	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:39:42 上午 十二月 23, 2018

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  
49.19 % at 0dB

10.0 % 2.47 dB  
1.0 % 3.96 dB  
0.1 % 4.59 dB  
0.01 % 4.85 dB  
0.001 % 5.01 dB  
0.0001 % 5.03 dB  
Peak 5.03 dB  
28.04 dBm

Gaussian



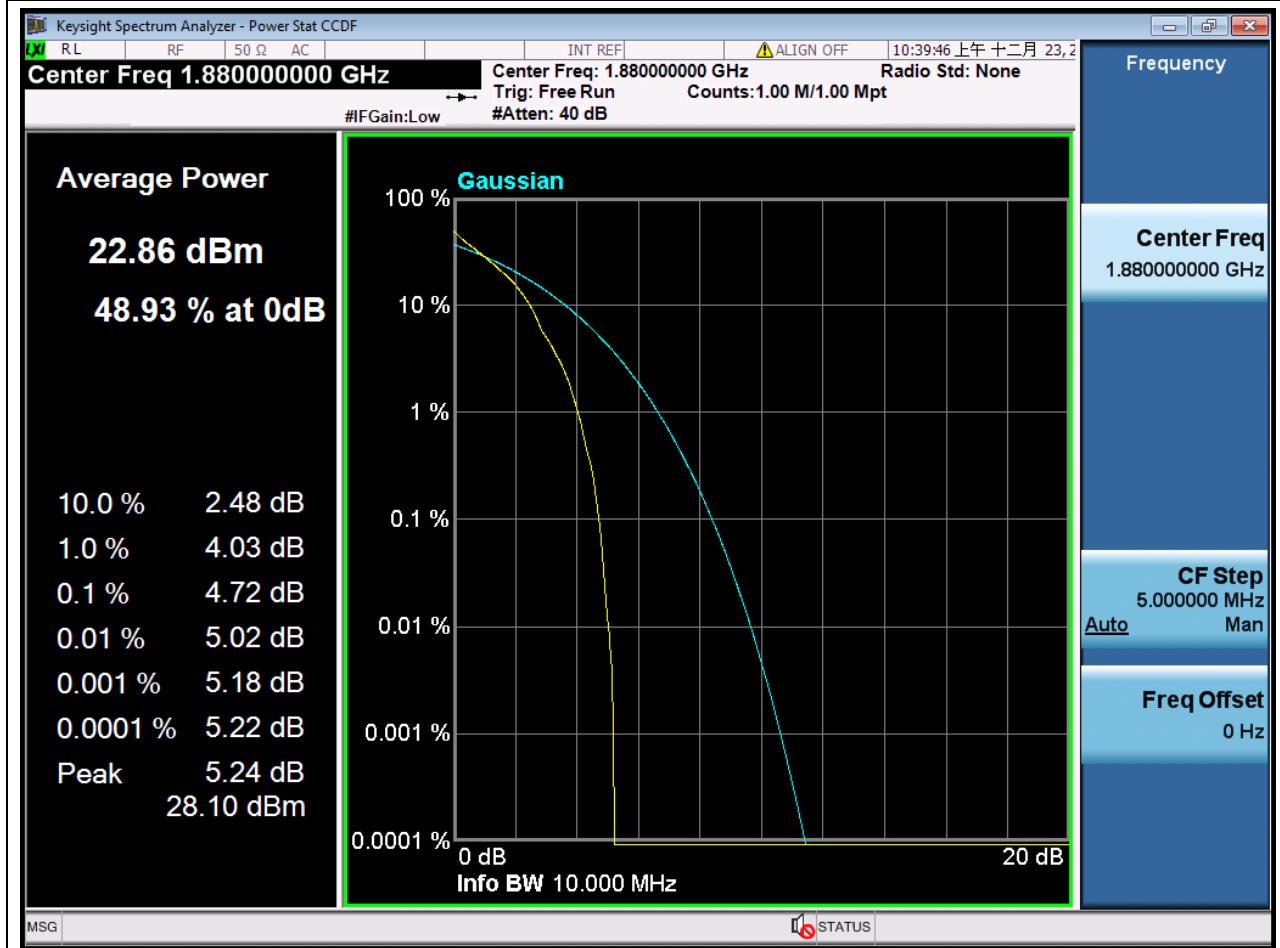
Info BW 10.000 MHz

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

MSG STATUS

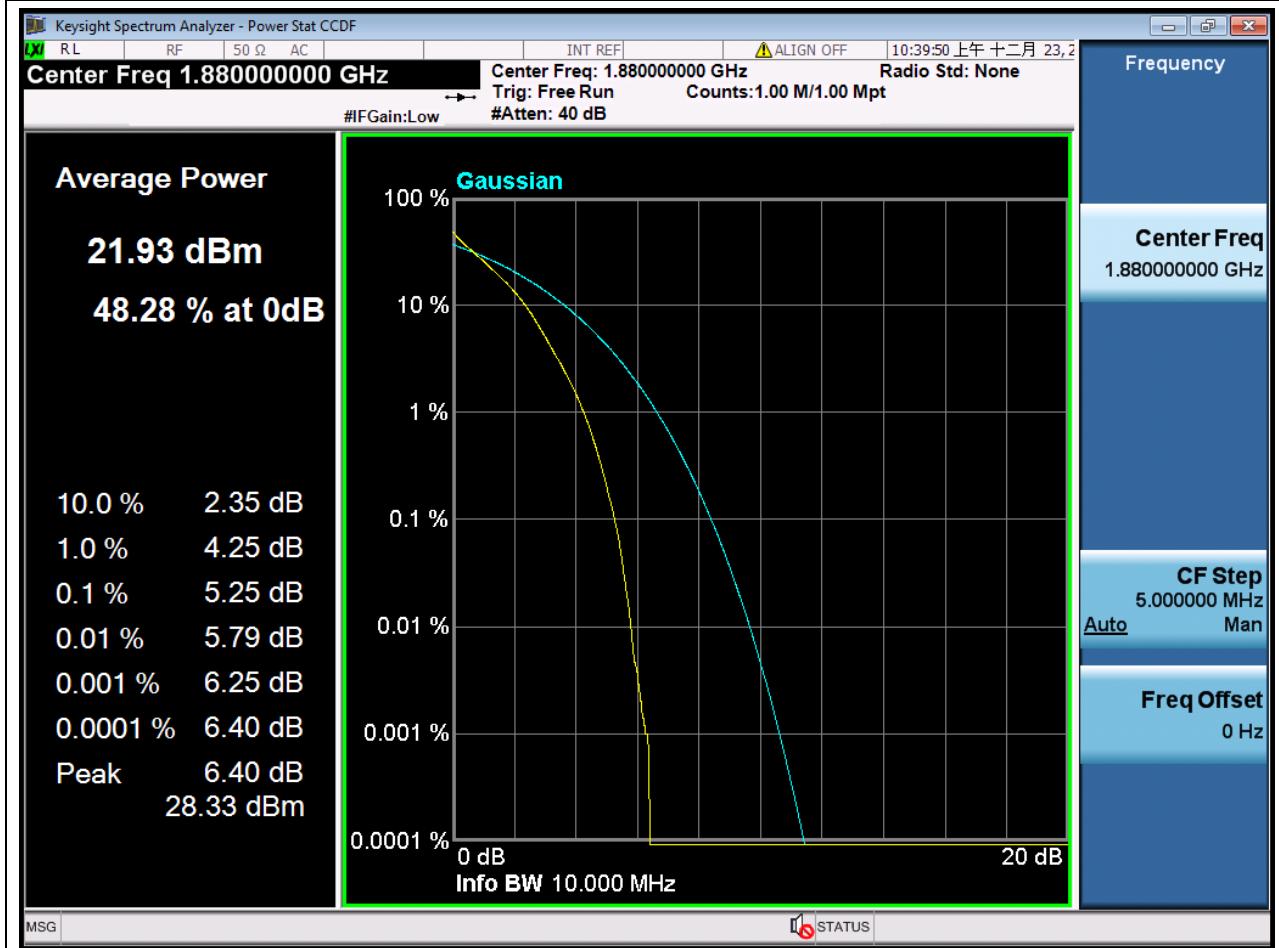
**1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.72	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	5.25	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	5.21	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:39:54 上午 十二月 23, 2018

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  
48.21 % at 0dB

10.0 % 2.34 dB  
1.0 % 4.22 dB  
0.1 % 5.21 dB  
0.01 % 5.67 dB  
0.001 % 6.00 dB  
0.0001 % 6.30 dB  
Peak 6.38 dB  
28.33 dBm

Gaussian



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

0 dB 20 dB

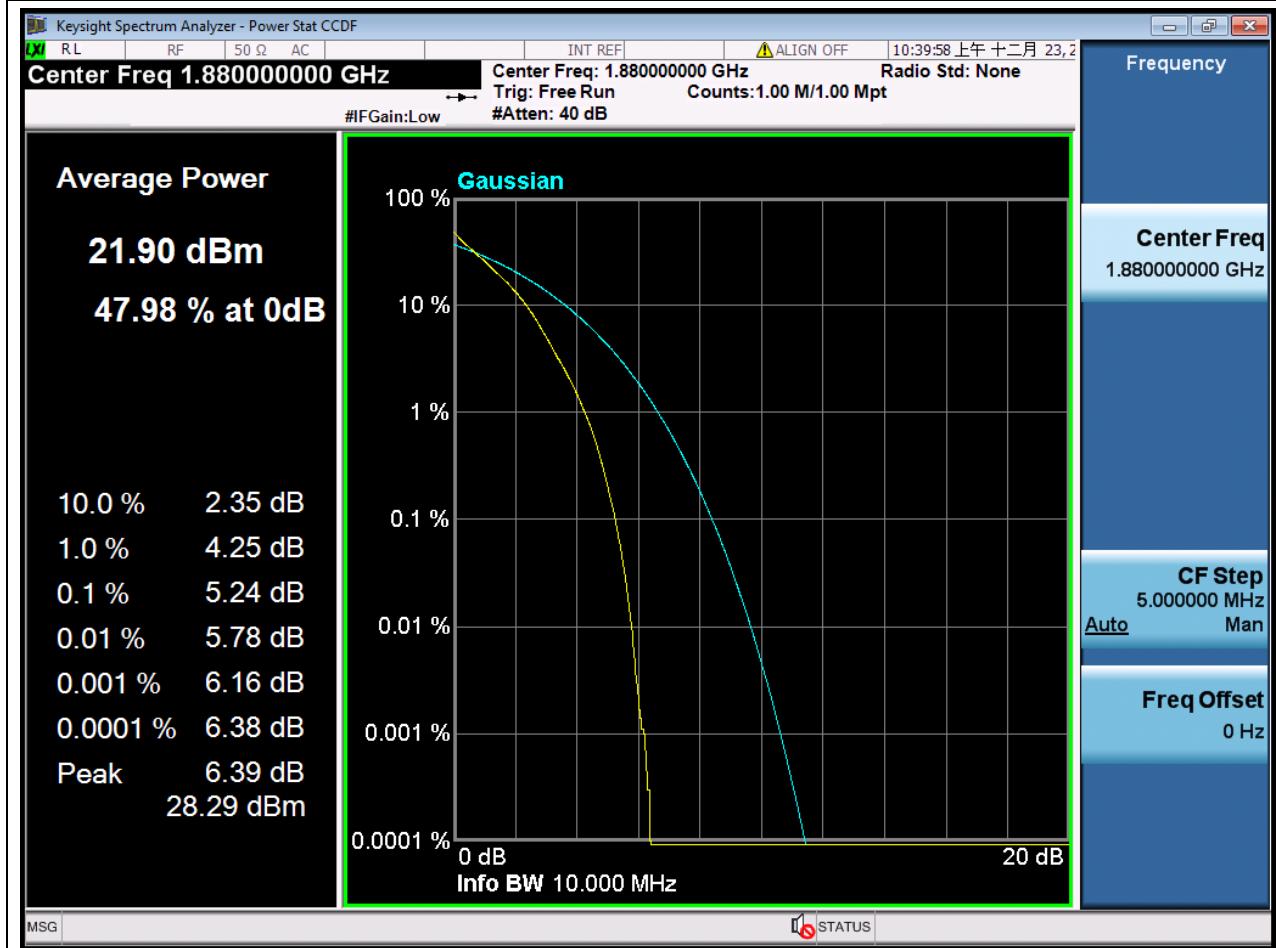
Info BW 10.000 MHz

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

MSG STATUS

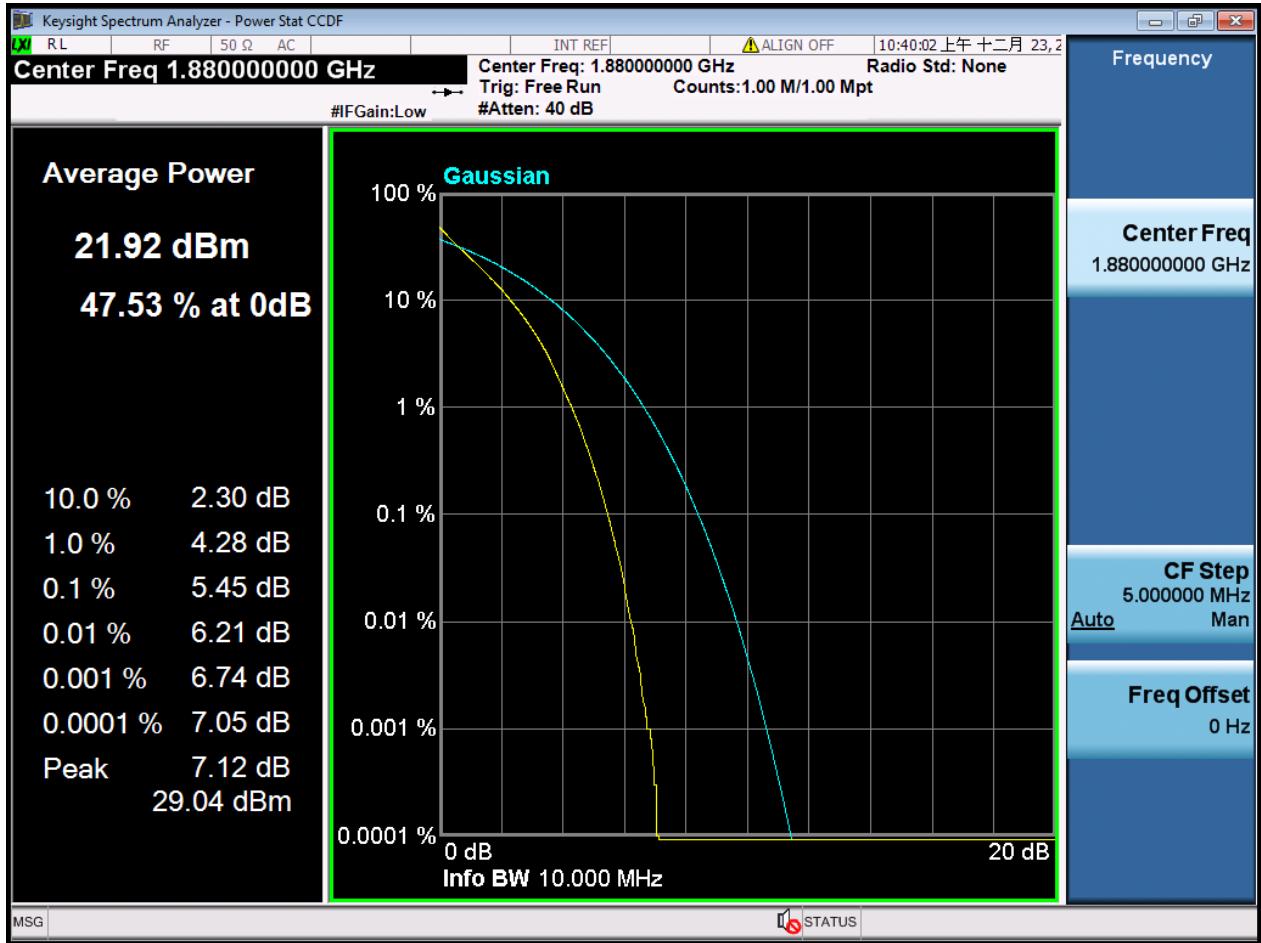
**1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.24	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	5.45	13	Pass



**Average Power**  
**21.92 dBm**  
**47.53 % at 0dB**

10.0 %	2.30 dB
1.0 %	4.28 dB
0.1 %	5.45 dB
0.01 %	6.21 dB
0.001 %	6.74 dB
0.0001 %	7.05 dB
Peak	7.12 dB
	29.04 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

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	5.56	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:07 上午 十二月 23, 2018

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  
45.01 % at 0dB

10.0 % 2.79 dB  
1.0 % 4.78 dB  
0.1 % 5.56 dB  
0.01 % 5.82 dB  
0.001 % 5.90 dB  
0.0001 % 5.93 dB  
Peak 5.97 dB  
28.11 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  
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	5.47	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:11 上午 十二月 23, 2018

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  
22.22 dBm  
45.30 % at 0dB

10.0 % 2.81 dB  
1.0 % 4.73 dB  
0.1 % 5.47 dB  
0.01 % 5.73 dB  
0.001 % 5.82 dB  
0.0001 % 5.84 dB  
Peak 5.86 dB  
28.08 dBm

Gaussian



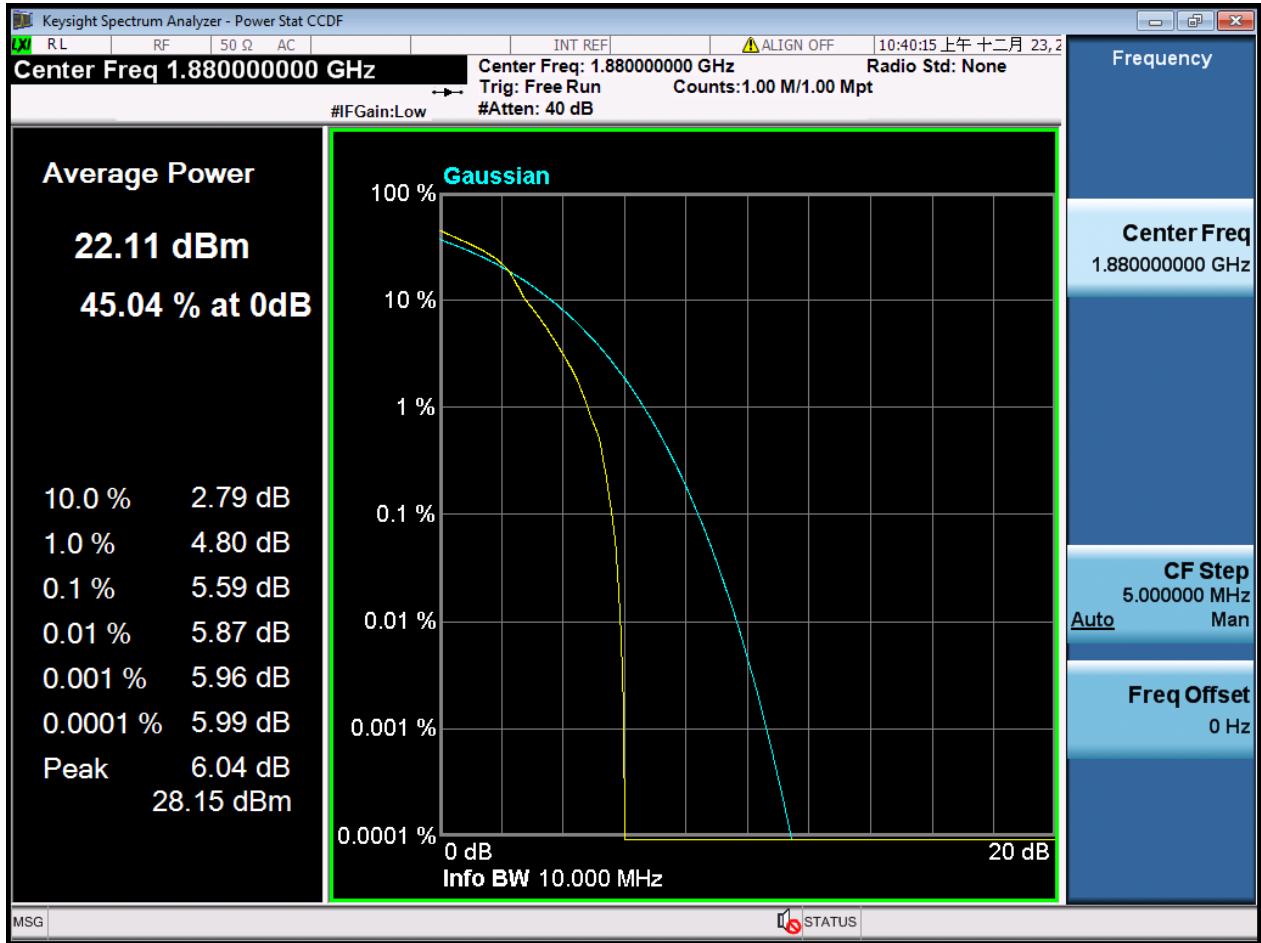
Info BW 10.000 MHz

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

MSG STATUS

**1.52. 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	5.59	13	Pass

**Average Power**  
**22.11 dBm**  
**45.04 % at 0dB**

10.0 %	2.79 dB
1.0 %	4.80 dB
0.1 %	5.59 dB
0.01 %	5.87 dB
0.001 %	5.96 dB
0.0001 %	5.99 dB
Peak	6.04 dB
	28.15 dBm

**Center Freq**  
**1.880000000 GHz**

**CF Step**  
**5.000000 MHz**

**Freq Offset**  
**0 Hz**

**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	6.07	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:19 上午 十二月 23, 2018

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  
20.97 dBm  
45.46 % at 0dB

10.0 % 2.82 dB  
1.0 % 4.85 dB  
0.1 % 6.07 dB  
0.01 % 6.87 dB  
0.001 % 7.20 dB  
0.0001 % 7.28 dB  
Peak 7.32 dB  
28.29 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  
Freq Offset 0 Hz

MSG STATUS

**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	6.02	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:23 上午 十二月 23, 2018

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  
20.98 dBm  
45.61 % at 0dB

10.0 % 2.82 dB  
1.0 % 4.84 dB  
0.1 % 6.02 dB  
0.01 % 6.80 dB  
0.001 % 7.09 dB  
0.0001 % 7.15 dB  
Peak 7.18 dB  
28.16 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  
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	6.07	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:27 上午 十二月 23, 2018

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  
20.91 dBm  
45.28 % at 0dB

10.0 % 2.81 dB  
1.0 % 4.88 dB  
0.1 % 6.07 dB  
0.01 % 6.90 dB  
0.001 % 7.21 dB  
0.0001 % 7.30 dB  
Peak 7.31 dB  
28.22 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

**1.56. 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	6.09	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:31 上午 十二月 23, 2018

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  
20.93 dBm  
45.33 % at 0dB

10.0 % 2.85 dB  
1.0 % 4.89 dB  
0.1 % 6.09 dB  
0.01 % 6.85 dB  
0.001 % 7.38 dB  
0.0001 % 7.83 dB  
Peak 7.85 dB  
28.78 dBm

Gaussian



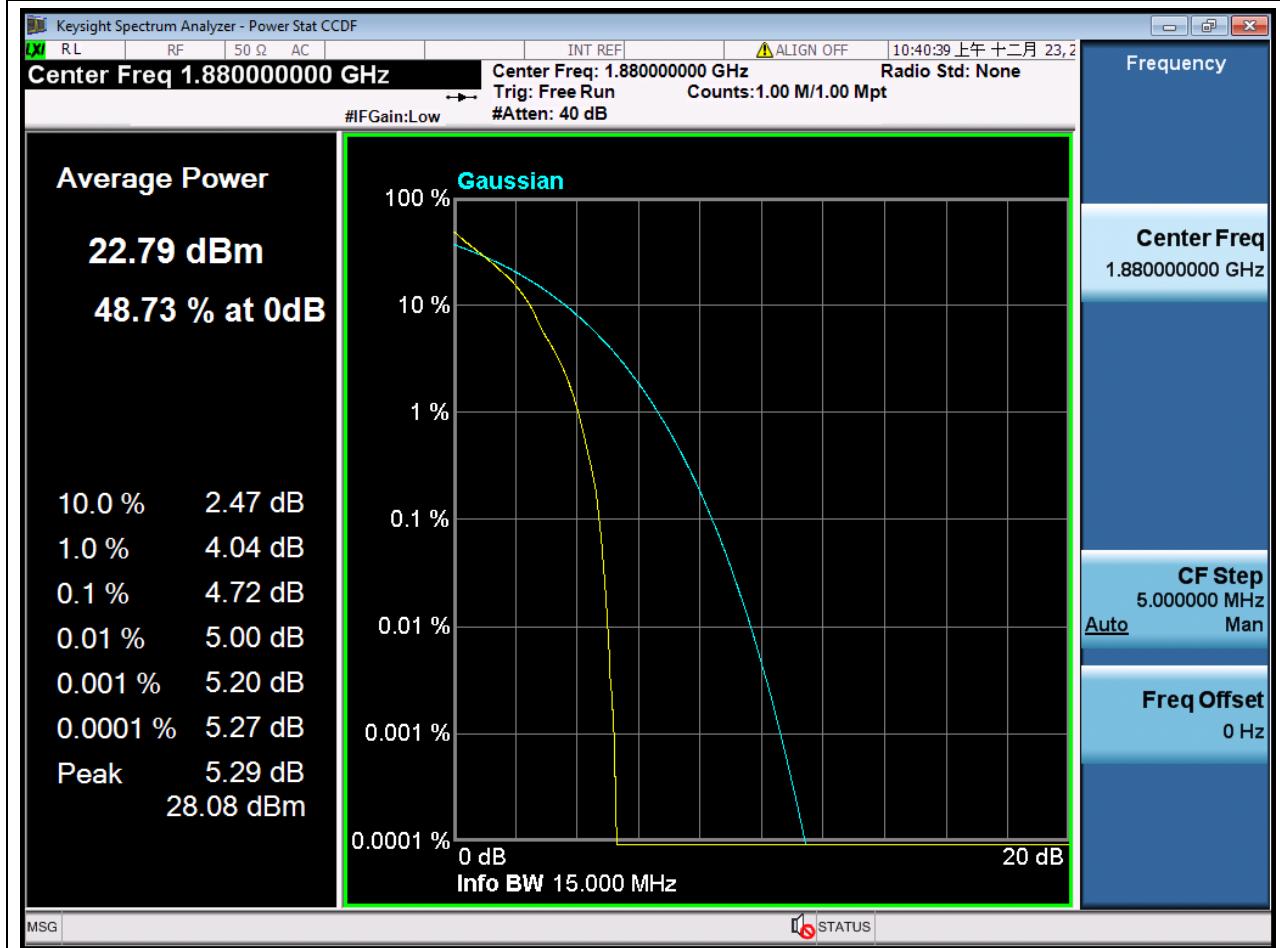
0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz Man  
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	4.72	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	4.61	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:43 上午 十二月 23, 2018

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  
22.84 dBm  
48.98 % at 0dB

10.0 % 2.47 dB  
1.0 % 3.98 dB  
0.1 % 4.61 dB  
0.01 % 4.94 dB  
0.001 % 5.10 dB  
0.0001 % 5.14 dB  
Peak 5.16 dB  
28.00 dBm

Gaussian



Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz  
Auto Man  
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	4.7	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:47 上午 十二月 23, 2018

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  
22.73 dBm  
48.72 % at 0dB

10.0 % 2.48 dB  
1.0 % 4.02 dB  
0.1 % 4.70 dB  
0.01 % 5.07 dB  
0.001 % 5.13 dB  
0.0001 % 5.15 dB  
Peak 5.19 dB  
27.92 dBm

Gaussian



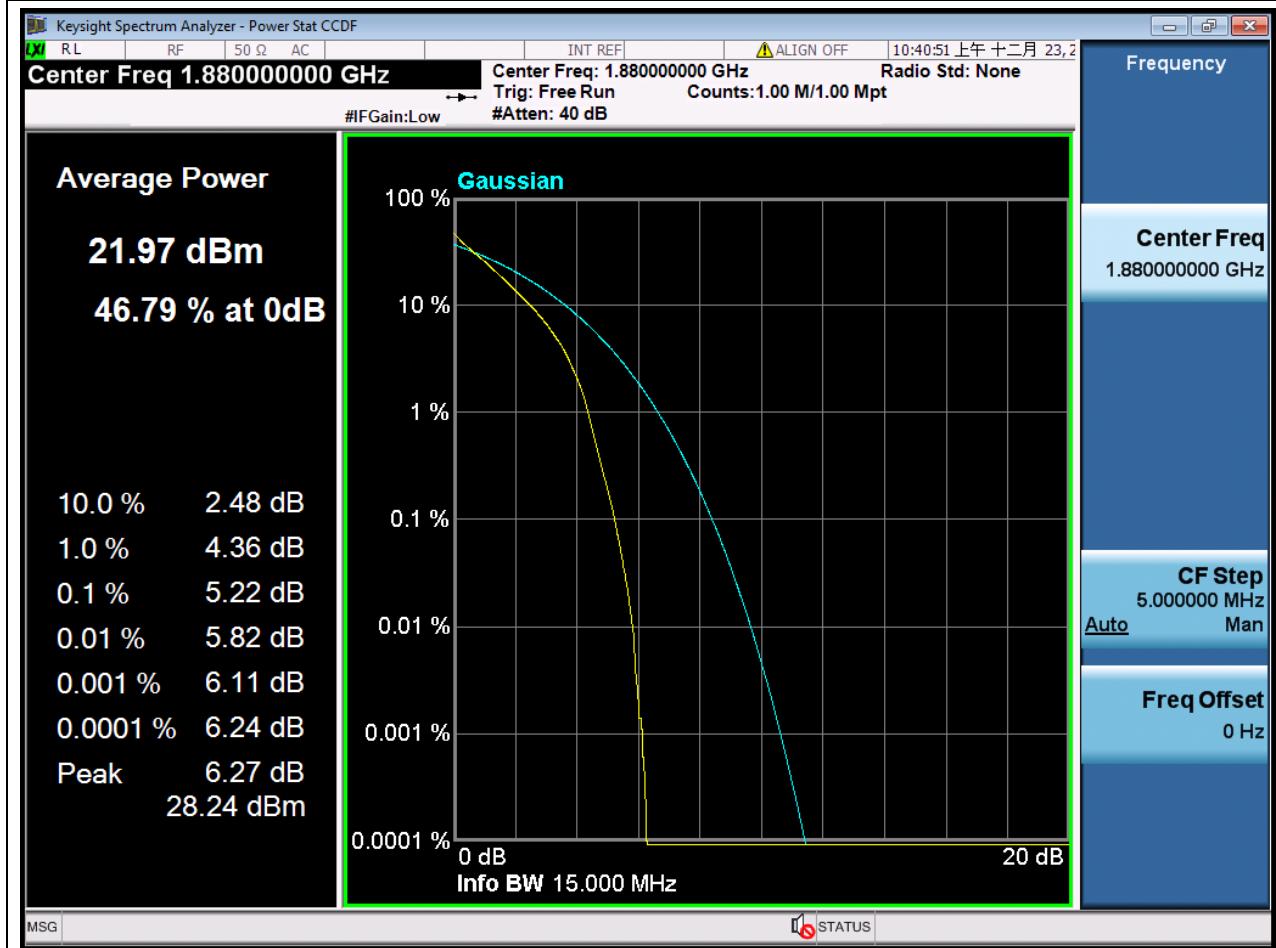
Info BW 15.000 MHz

Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz 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	5.22	13	Pass



**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	5.16	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:55 上午 十二月 23, 2018

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  
21.98 dBm  
47.19 % at 0dB

10.0 % 2.47 dB  
1.0 % 4.32 dB  
0.1 % 5.16 dB  
0.01 % 5.68 dB  
0.001 % 5.97 dB  
0.0001 % 6.19 dB  
Peak 6.20 dB  
28.18 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

**1.62. 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	5.29	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:40:59 上午 十二月 23, 2018

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  
21.92 dBm  
46.98 % at 0dB

10.0 % 2.48 dB  
1.0 % 4.35 dB  
0.1 % 5.29 dB  
0.01 % 5.83 dB  
0.001 % 6.15 dB  
0.0001 % 6.32 dB  
Peak 6.35 dB  
28.27 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  
Freq Offset 0 Hz

MSG STATUS

**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	5.72	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:41:03 上午 十二月 23, 2018

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  
21.96 dBm  
46.21 % at 0dB

10.0 % 2.44 dB  
1.0 % 4.59 dB  
0.1 % 5.72 dB  
0.01 % 6.20 dB  
0.001 % 6.71 dB  
0.0001 % 6.91 dB  
Peak 6.92 dB  
28.88 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

MSG STATUS

**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	5.6	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:41:07 上午 十二月 23, 2018

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  
44.71 % at 0dB

10.0 % 2.81 dB  
1.0 % 4.85 dB  
0.1 % 5.60 dB  
0.01 % 5.88 dB  
0.001 % 5.95 dB  
0.0001 % 5.97 dB  
Peak 6.04 dB  
28.08 dBm

Gaussian



Info BW 15.000 MHz

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

MSG STATUS

**1.65. 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	5.45	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:41:11 上午 十二月 23, 2018

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Radio Std: None

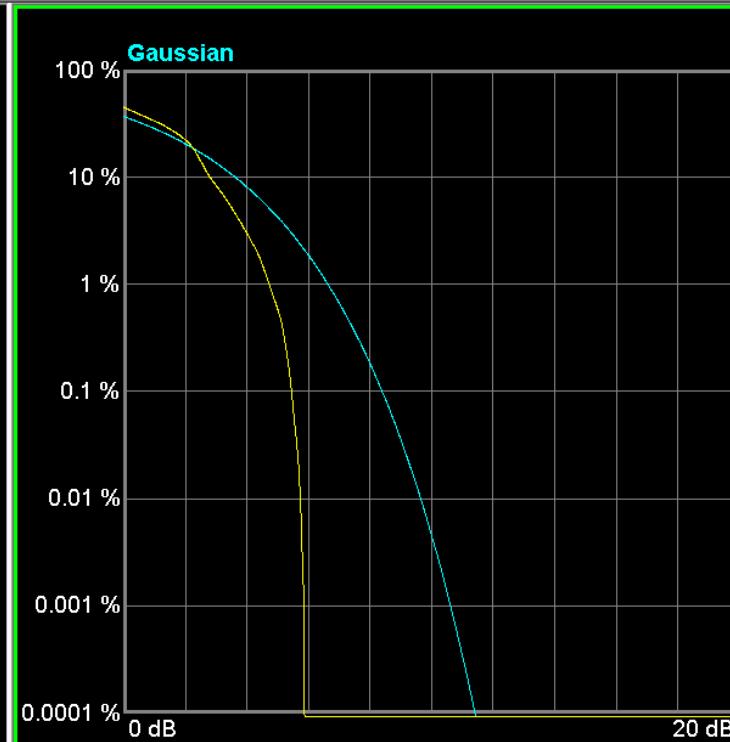
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power  
22.08 dBm  
45.18 % at 0dB

10.0 % 2.80 dB  
1.0 % 4.72 dB  
0.1 % 5.45 dB  
0.01 % 5.73 dB  
0.001 % 5.85 dB  
0.0001 % 5.87 dB  
Peak 5.95 dB  
28.03 dBm

Gaussian



Frequency  
Center Freq 1.880000000 GHz  
CF Step 5.000000 MHz  
Auto Man  
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	5.59	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:41:15 上午 十二月 23, 2015

Center Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Radio Std: None

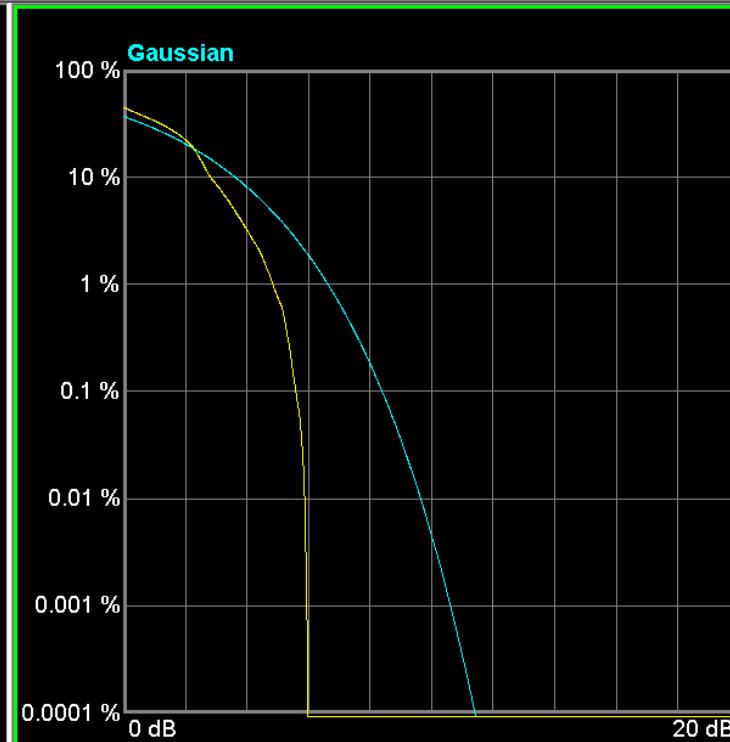
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power  
21.99 dBm  
44.98 % at 0dB

10.0 % 2.82 dB  
1.0 % 4.84 dB  
0.1 % 5.59 dB  
0.01 % 5.88 dB  
0.001 % 5.94 dB  
0.0001 % 5.96 dB  
Peak 5.99 dB  
27.98 dBm

Gaussian



Info BW 15.000 MHz

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

MSG STATUS

**1.67. 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	6.02	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:41:20 上午 十二月 23, 2018

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  
20.92 dBm  
44.12 % at 0dB

10.0 % 2.99 dB  
1.0 % 4.88 dB  
0.1 % 6.02 dB  
0.01 % 6.85 dB  
0.001 % 7.19 dB  
0.0001 % 7.30 dB  
Peak 7.32 dB  
28.24 dBm

Gaussian



Info BW 15.000 MHz

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

MSG STATUS

**1.68. 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	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:41:24 上午 十二月 23, 2018

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  
20.92 dBm  
44.45 % at 0dB

10.0 % 2.99 dB  
1.0 % 4.89 dB  
0.1 % 6.00 dB  
0.01 % 6.73 dB  
0.001 % 7.09 dB  
0.0001 % 7.30 dB  
Peak 7.35 dB  
28.27 dBm

Gaussian



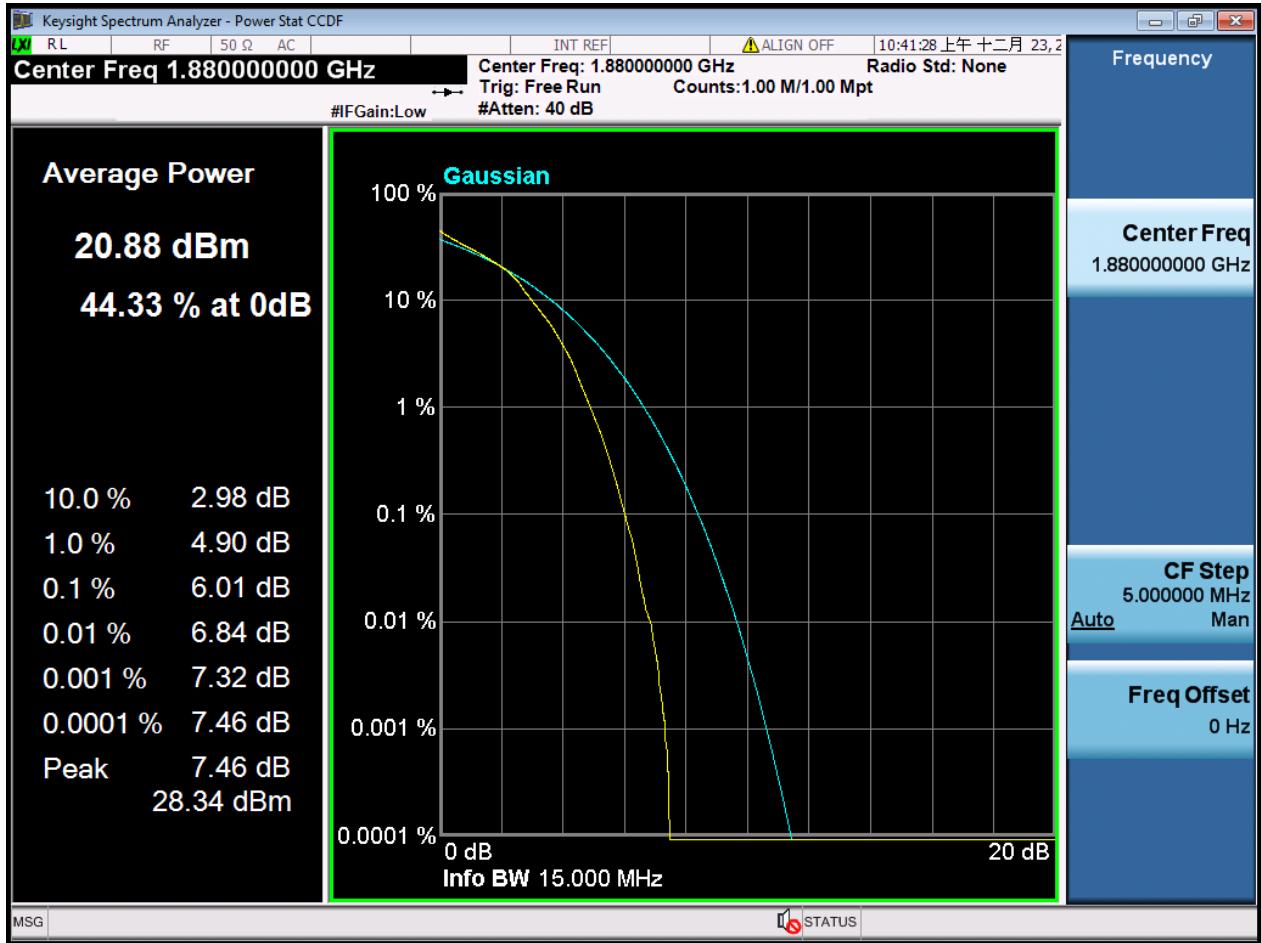
0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

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

MSG STATUS

**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	6.01	13	Pass

**Average Power**  
**20.88 dBm**  
**44.33 % at 0dB**

10.0 %	2.98 dB
1.0 %	4.90 dB
0.1 %	6.01 dB
0.01 %	6.84 dB
0.001 %	7.32 dB
0.0001 %	7.46 dB
Peak	7.46 dB
	28.34 dBm

**Frequency**  
**Center Freq**  
**1.880000000 GHz**

**CF Step**  
**5.000000 MHz**  
**Auto**

**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	6.24	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:41:32 上午 十二月 23, 2018

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  
20.93 dBm  
44.11 % at 0dB

10.0 % 2.95 dB  
1.0 % 5.12 dB  
0.1 % 6.24 dB  
0.01 % 6.98 dB  
0.001 % 7.50 dB  
0.0001 % 7.73 dB  
Peak 7.89 dB  
28.82 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

MSG STATUS

**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	4.72	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:41:40 上午 十二月 23, 2018

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  
22.63 dBm  
48.55 % at 0dB

10.0 % 2.46 dB  
1.0 % 3.99 dB  
0.1 % 4.72 dB  
0.01 % 5.18 dB  
0.001 % 5.36 dB  
0.0001 % 5.40 dB  
Peak 5.40 dB  
28.03 dBm

Gaussian



0.0001 % 0 dB 20 dB

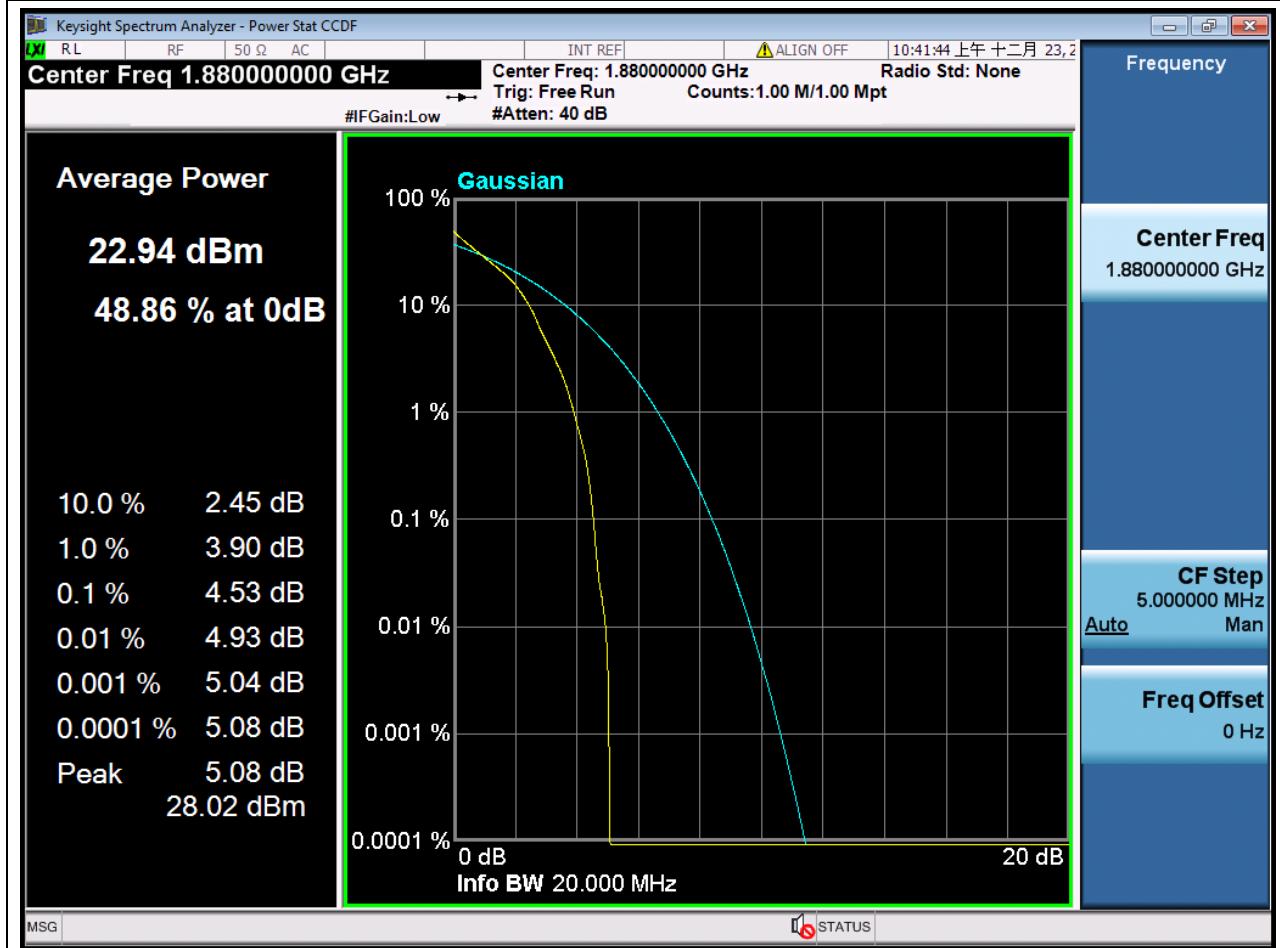
Info BW 20.000 MHz

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

MSG STATUS

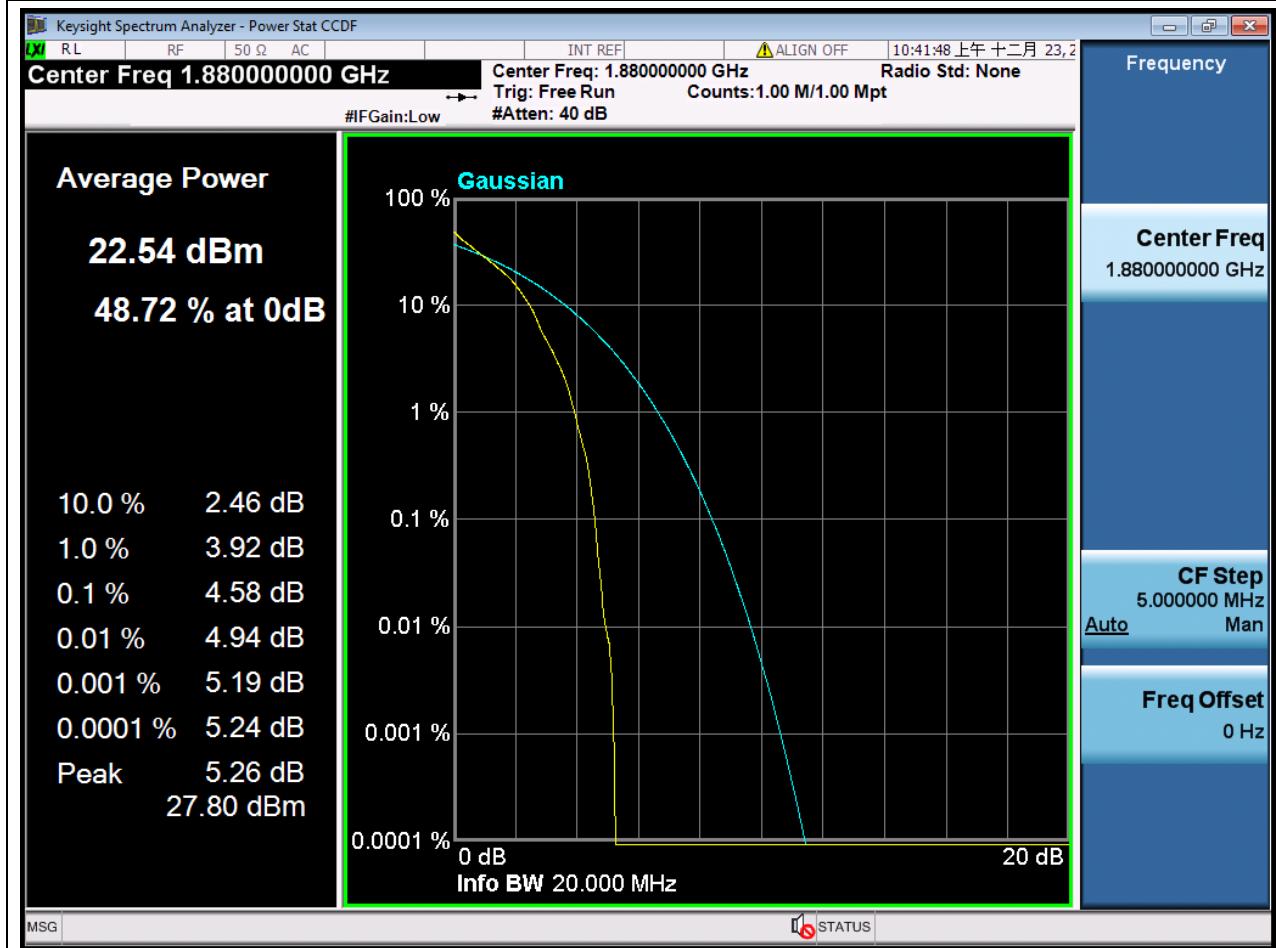
**1.72. LTE Peak to Average Ratio(NTNV)(Subtest:72, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:MID)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.53	13	Pass



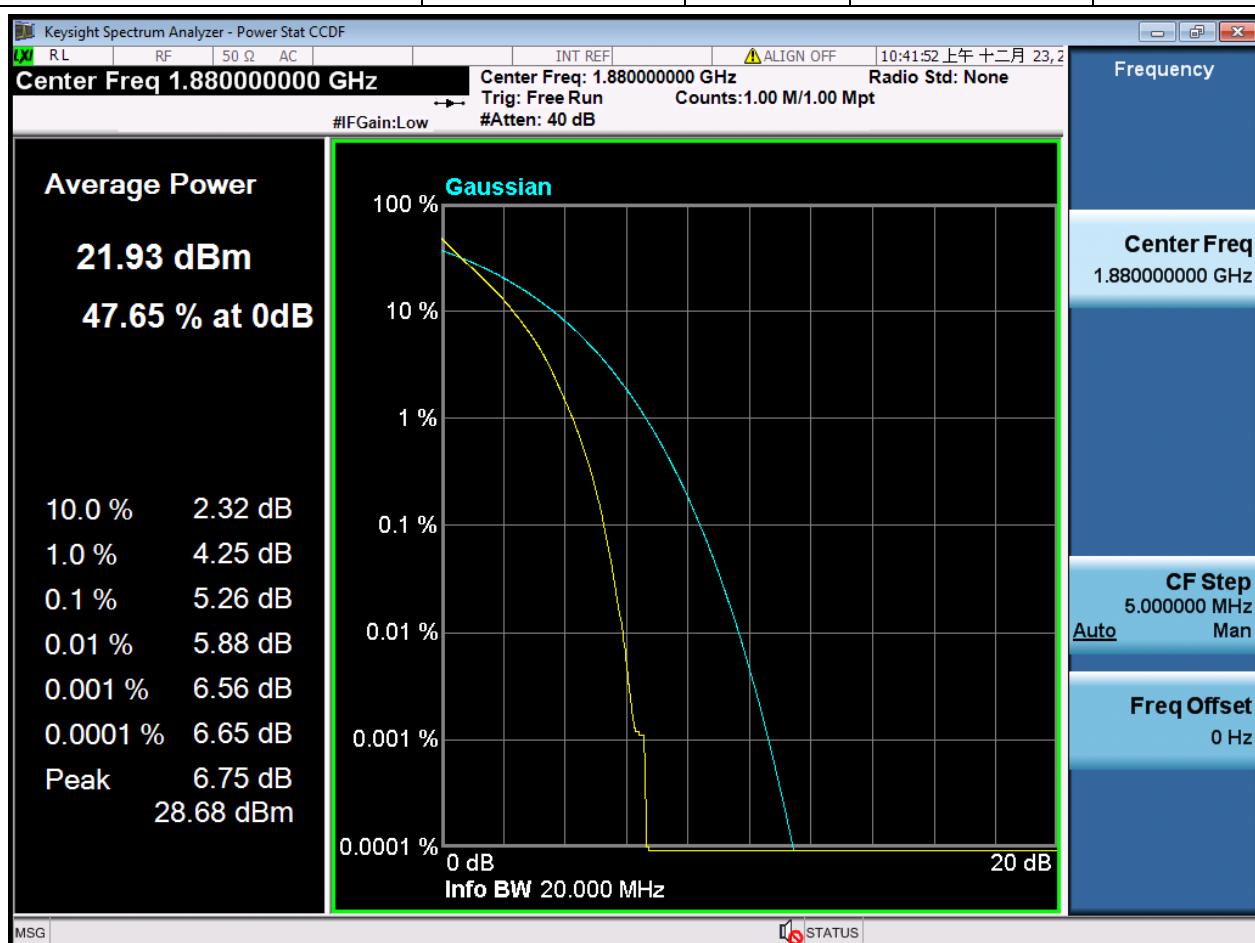
**1.73. LTE Peak to Average Ratio(NTNV)(Subtest:73, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.58	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	5.26	13	Pass



**Average Power**  
**21.93 dBm**  
**47.65 % at 0dB**

10.0 %	2.32 dB
1.0 %	4.25 dB
0.1 %	5.26 dB
0.01 %	5.88 dB
0.001 %	6.56 dB
0.0001 %	6.65 dB
Peak	6.75 dB
	28.68 dBm

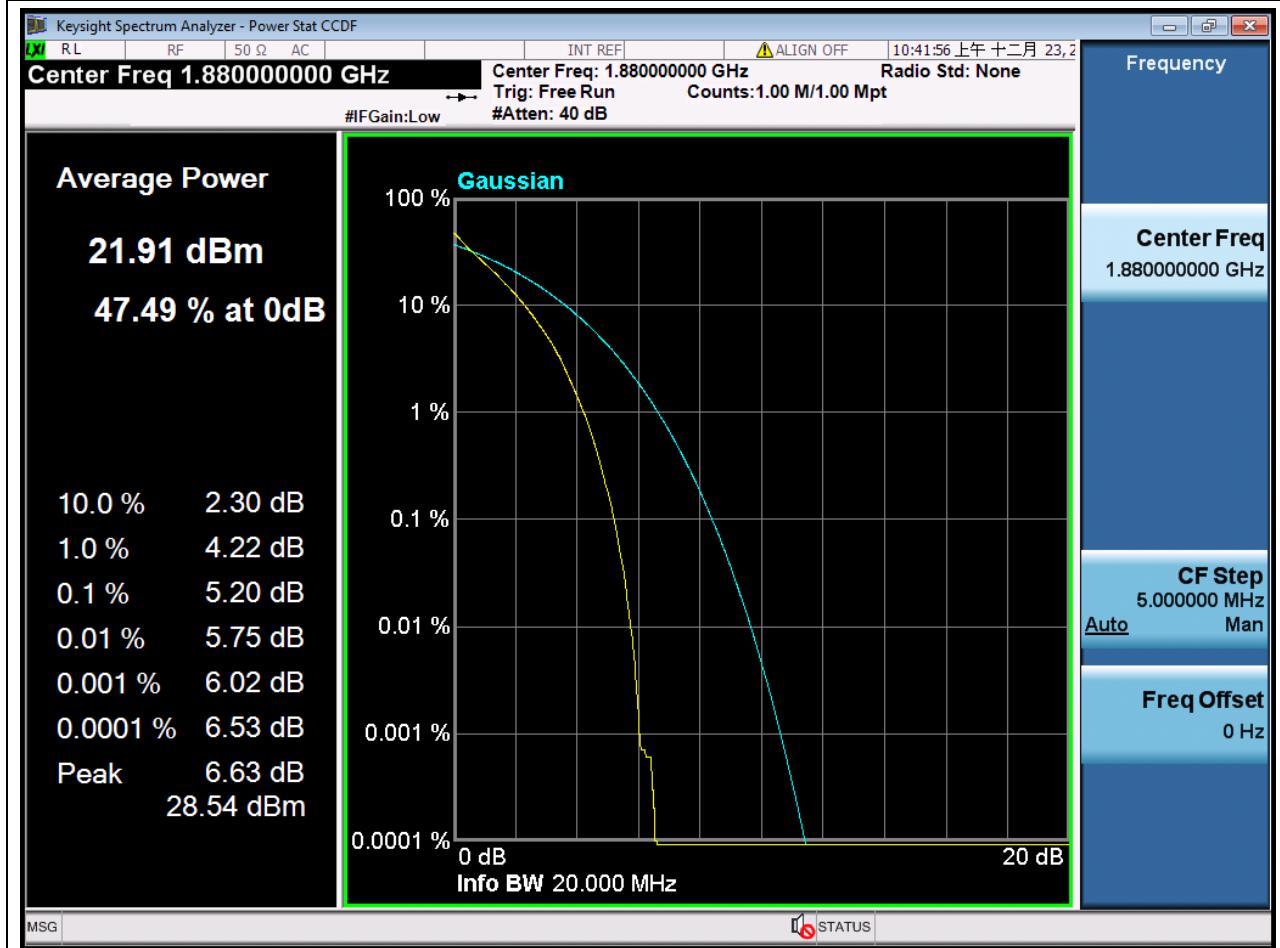
**Gaussian**

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 Man  
Freq Offset 0 Hz

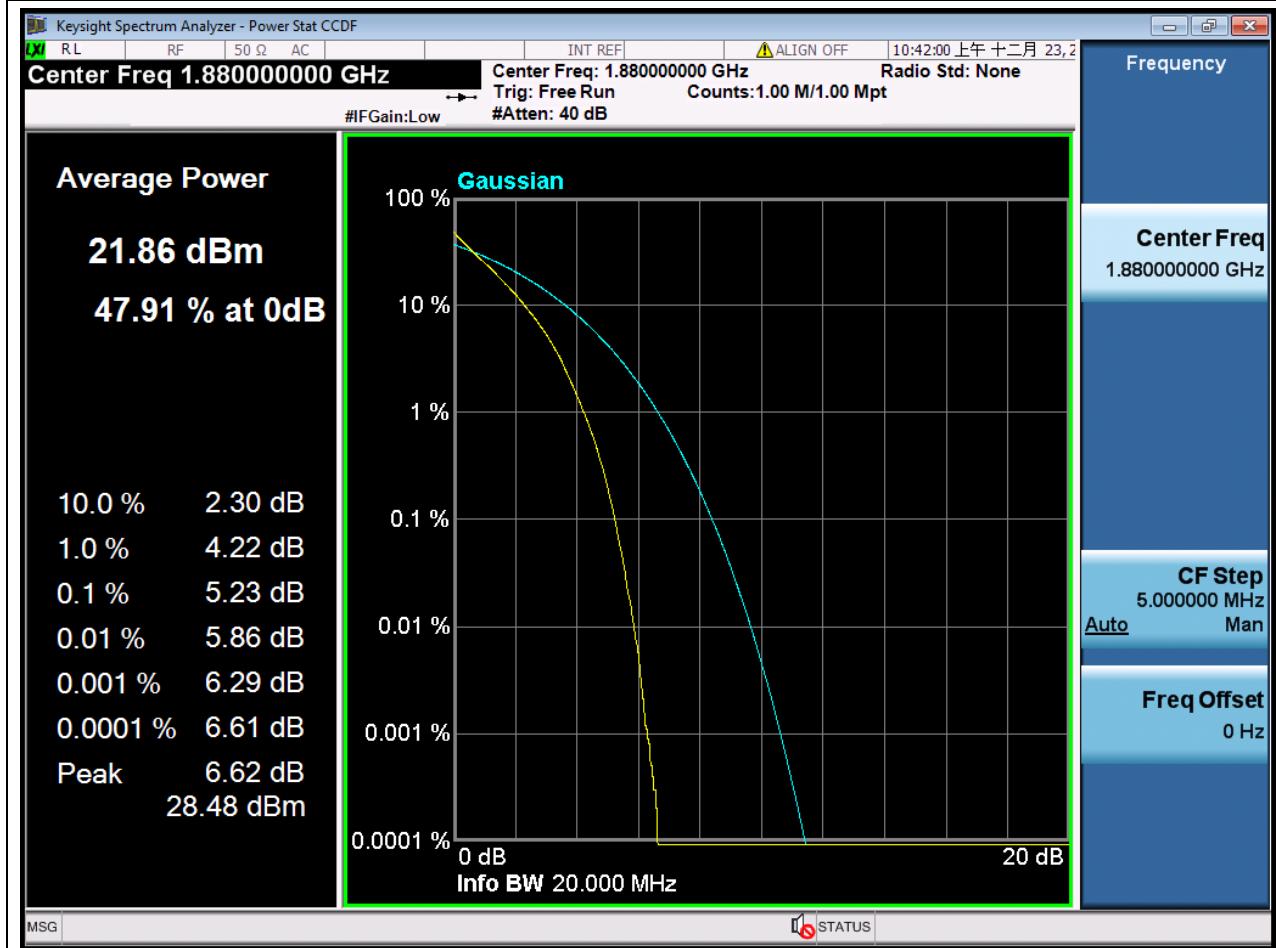
**1.75. LTE Peak to Average Ratio(NTNV)(Subtest:75, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:MID)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.2	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	5.23	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	5.46	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:42:04 上午 十二月 23, 2018

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  
21.91 dBm  
47.11 % at 0dB

10.0 % 2.33 dB  
1.0 % 4.34 dB  
0.1 % 5.46 dB  
0.01 % 6.08 dB  
0.001 % 6.59 dB  
0.0001 % 7.00 dB  
Peak 7.04 dB  
28.95 dBm

Gaussian



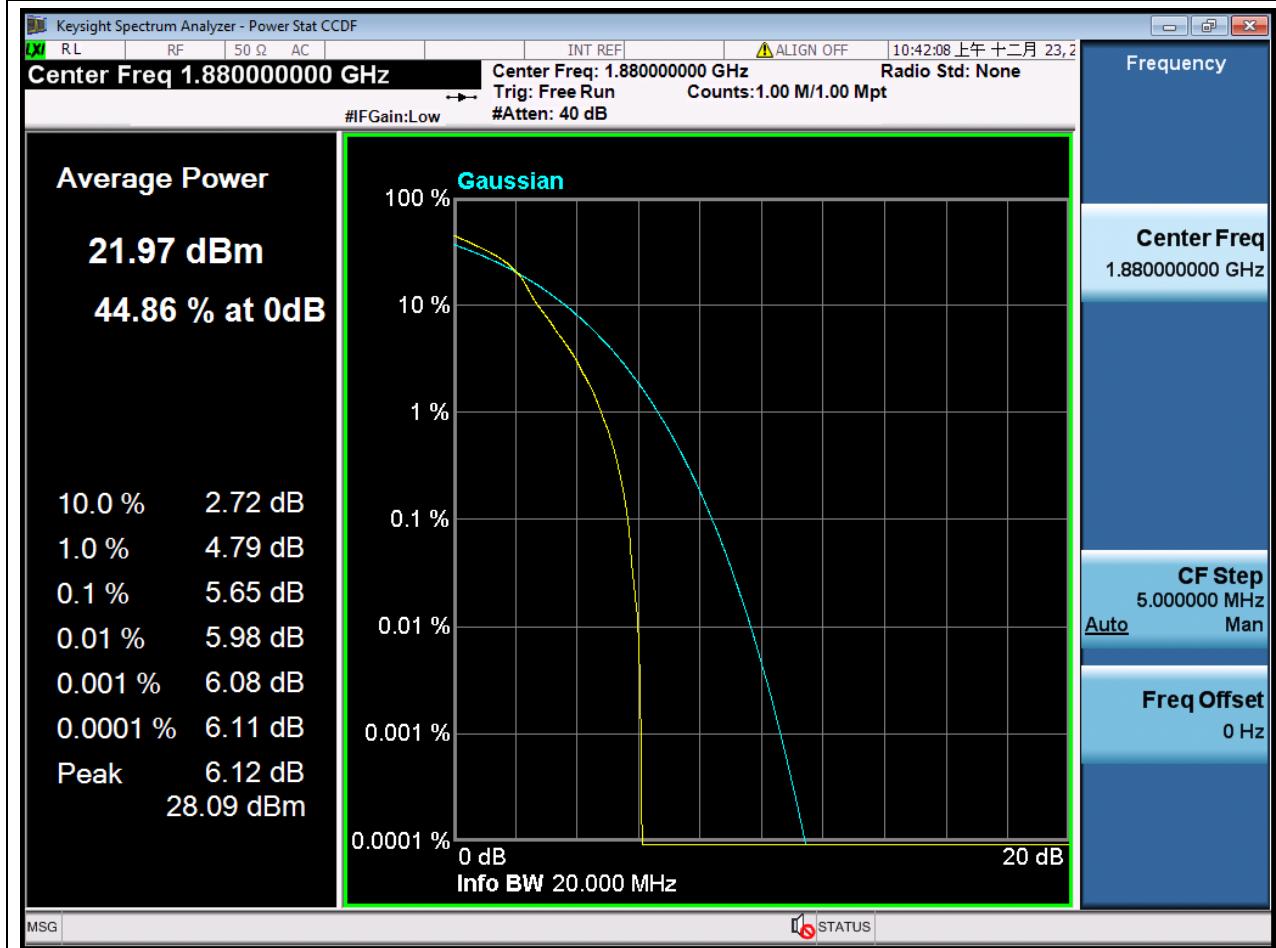
0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

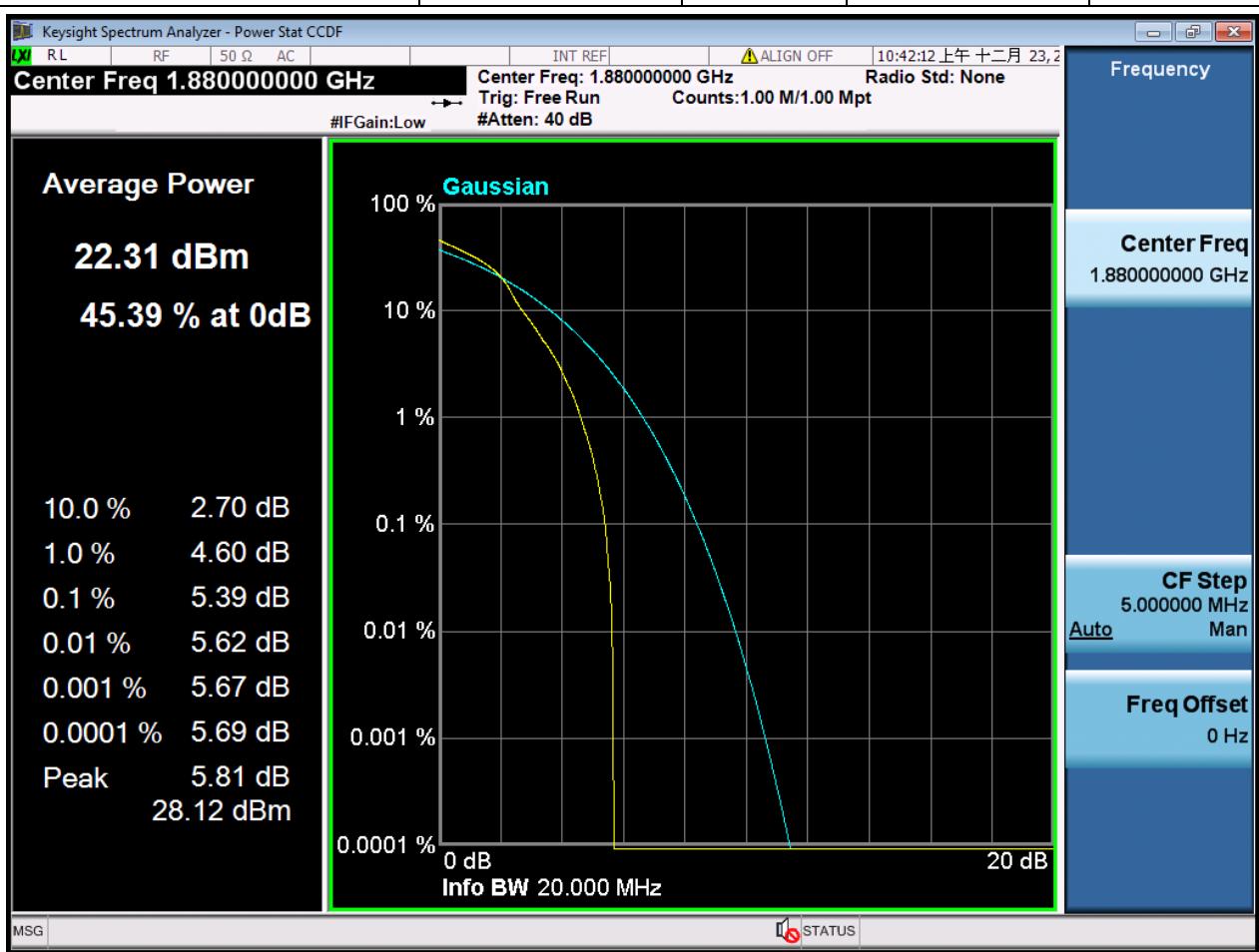
**1.78. LTE Peak to Average Ratio(NTNV)(Subtest:78, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

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



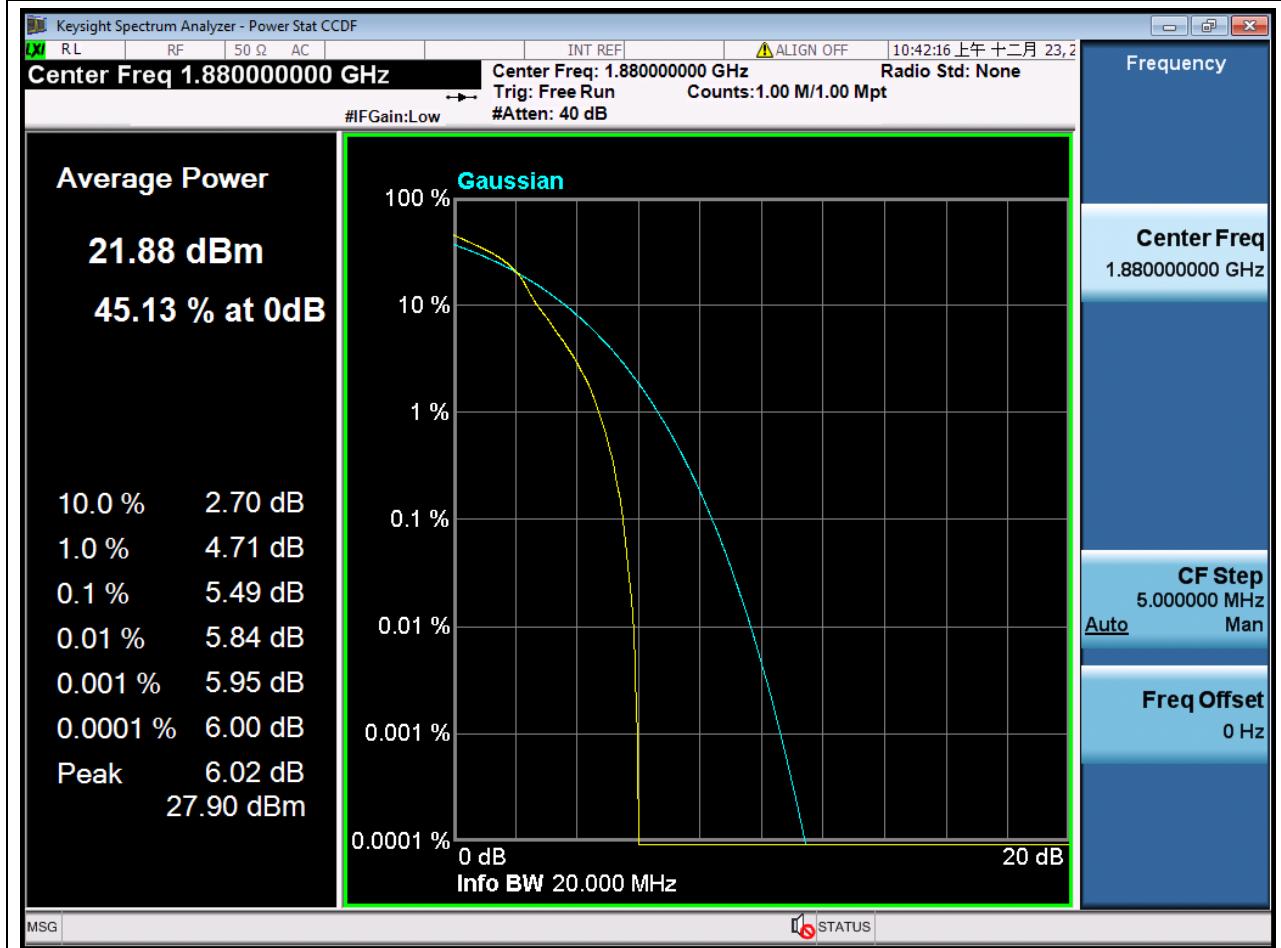
**1.79. LTE Peak to Average Ratio(NTNV)(Subtest:79, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:MID)**

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

**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	5.49	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	6.04	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:42:20 上午 十二月 23, 2018

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  
20.93 dBm  
44.95 % at 0dB

10.0 % 2.85 dB  
1.0 % 4.87 dB  
0.1 % 6.04 dB  
0.01 % 6.66 dB  
0.001 % 6.98 dB  
0.0001 % 7.28 dB  
Peak 7.30 dB  
28.23 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

**1.82. 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	5.97	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:42:24 上午 十二月 23, 2018

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  
20.95 dBm  
44.97 % at 0dB

10.0 % 2.86 dB  
1.0 % 4.85 dB  
0.1 % 5.97 dB  
0.01 % 6.56 dB  
0.001 % 6.90 dB  
0.0001 % 7.13 dB  
Peak 7.20 dB  
28.15 dBm

Gaussian



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

**1.83. 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	6.03	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:42:29 上午 十二月 23, 2018

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  
20.87 dBm  
45.24 % at 0dB

10.0 % 2.86 dB  
1.0 % 4.85 dB  
0.1 % 6.03 dB  
0.01 % 6.65 dB  
0.001 % 7.01 dB  
0.0001 % 7.10 dB  
Peak 7.16 dB  
28.03 dBm

Gaussian



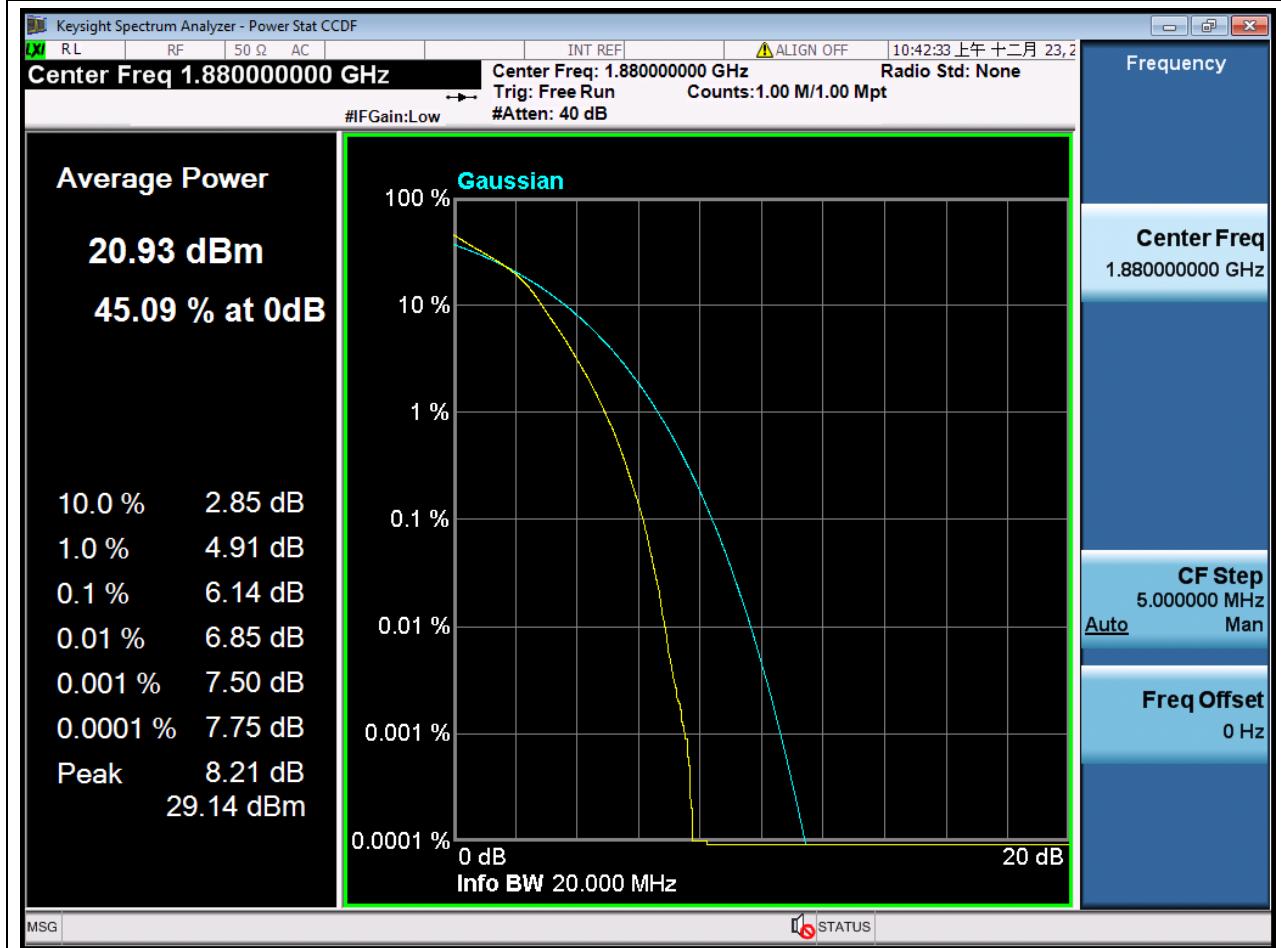
0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

**1.84. 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	6.14	13	Pass



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END