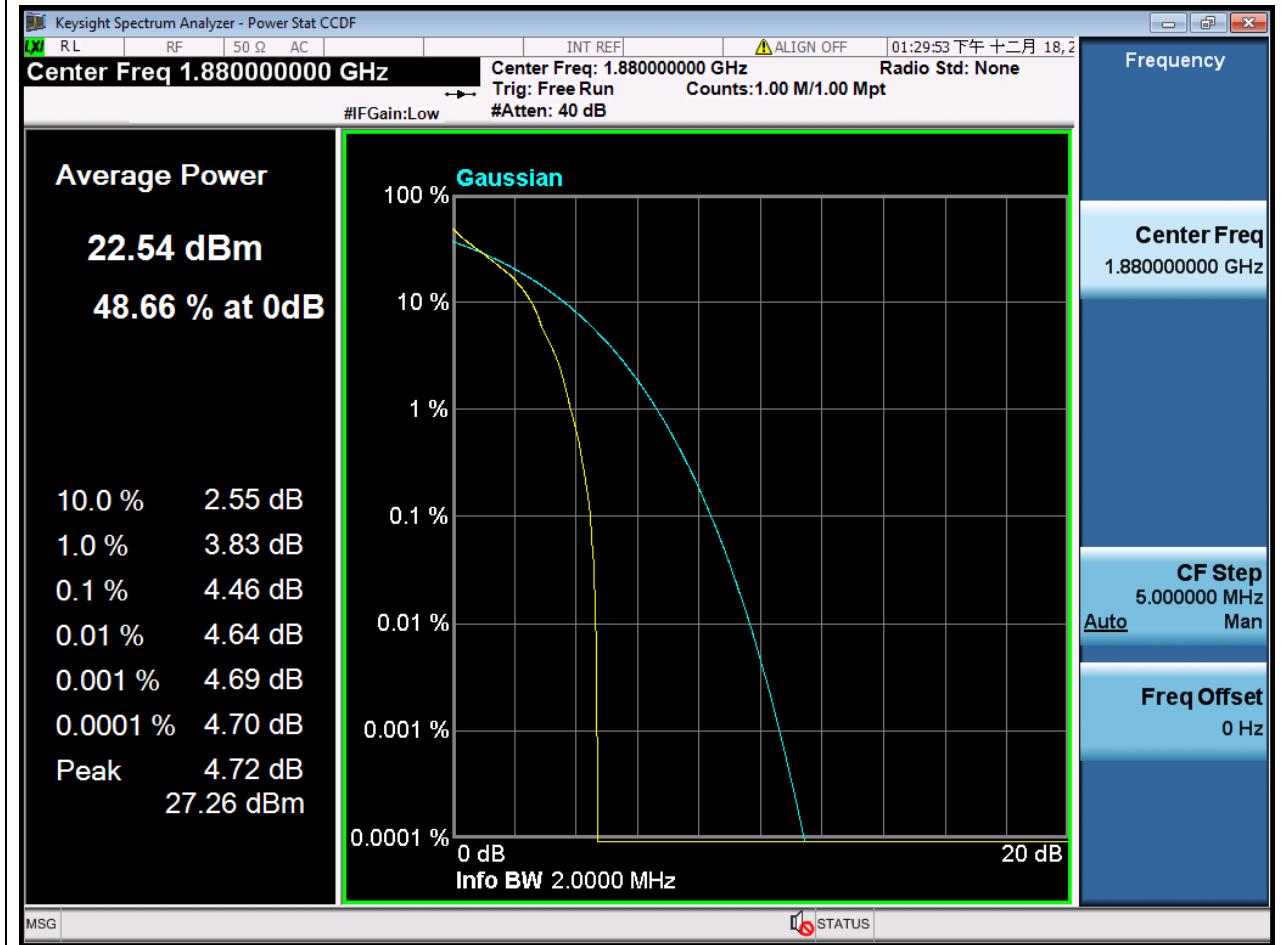


Annex B. LTE Peak to Average Ratio

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	4.46	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	4.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:29:57 下午 十二月 18, 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 22.67 dBm
49.27 % at 0dB

10.0 % 2.53 dB
1.0 % 3.76 dB
0.1 % 4.36 dB
0.01 % 4.53 dB
0.001 % 4.60 dB
0.0001 % 4.62 dB
Peak 4.64 dB
27.31 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

1.3. LTE Peak to Average Ratio(NTVV)(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	4.63	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:30:01 下午 十二月 18, 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
22.52 dBm
48.09 % at 0dB

10.0 % 2.60 dB
1.0 % 3.95 dB
0.1 % 4.63 dB
0.01 % 4.81 dB
0.001 % 4.87 dB
0.0001 % 4.89 dB
Peak 4.89 dB
27.41 dBm

Gaussian



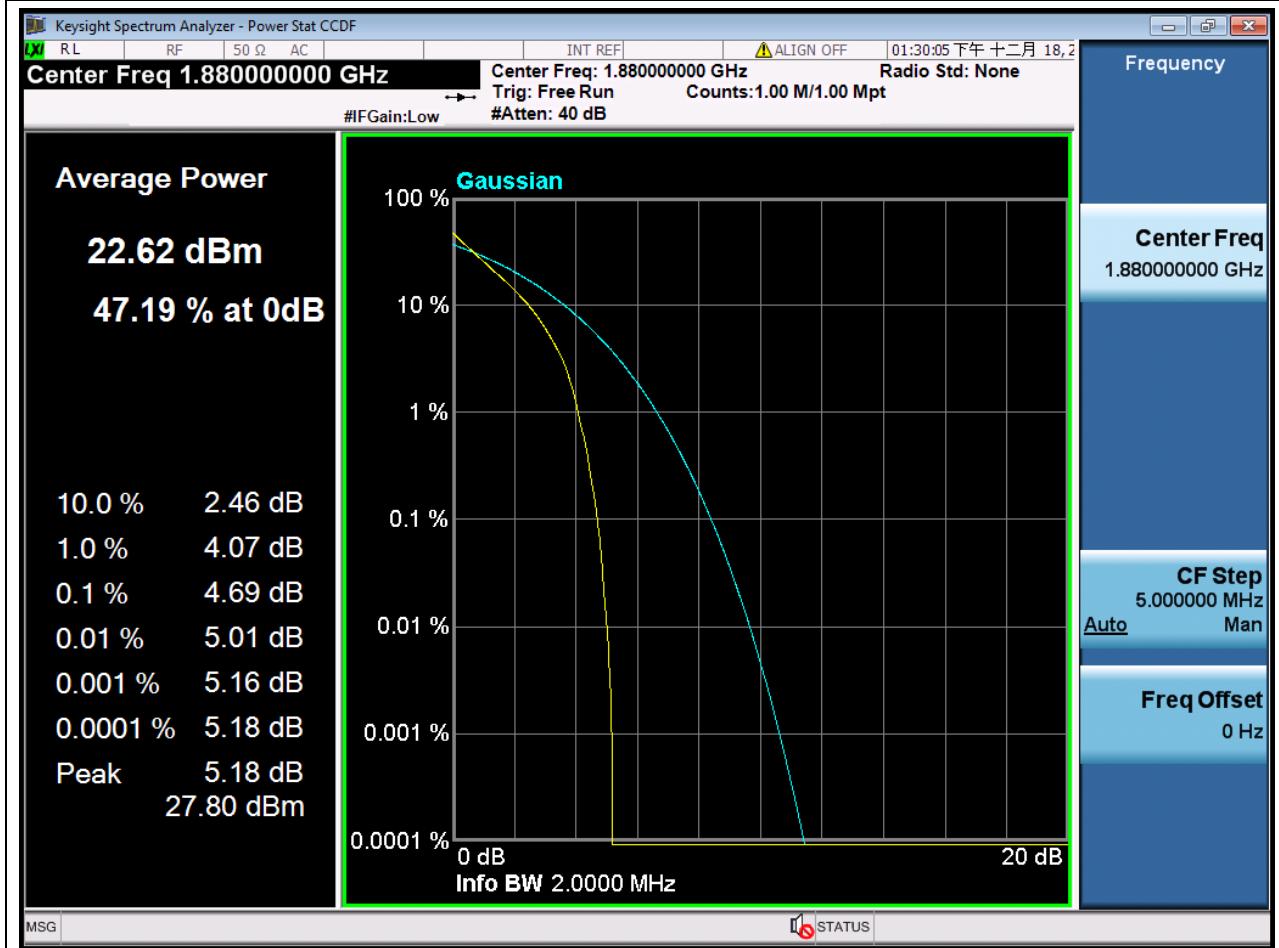
Info BW 2.0000 MHz

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

MSG STATUS

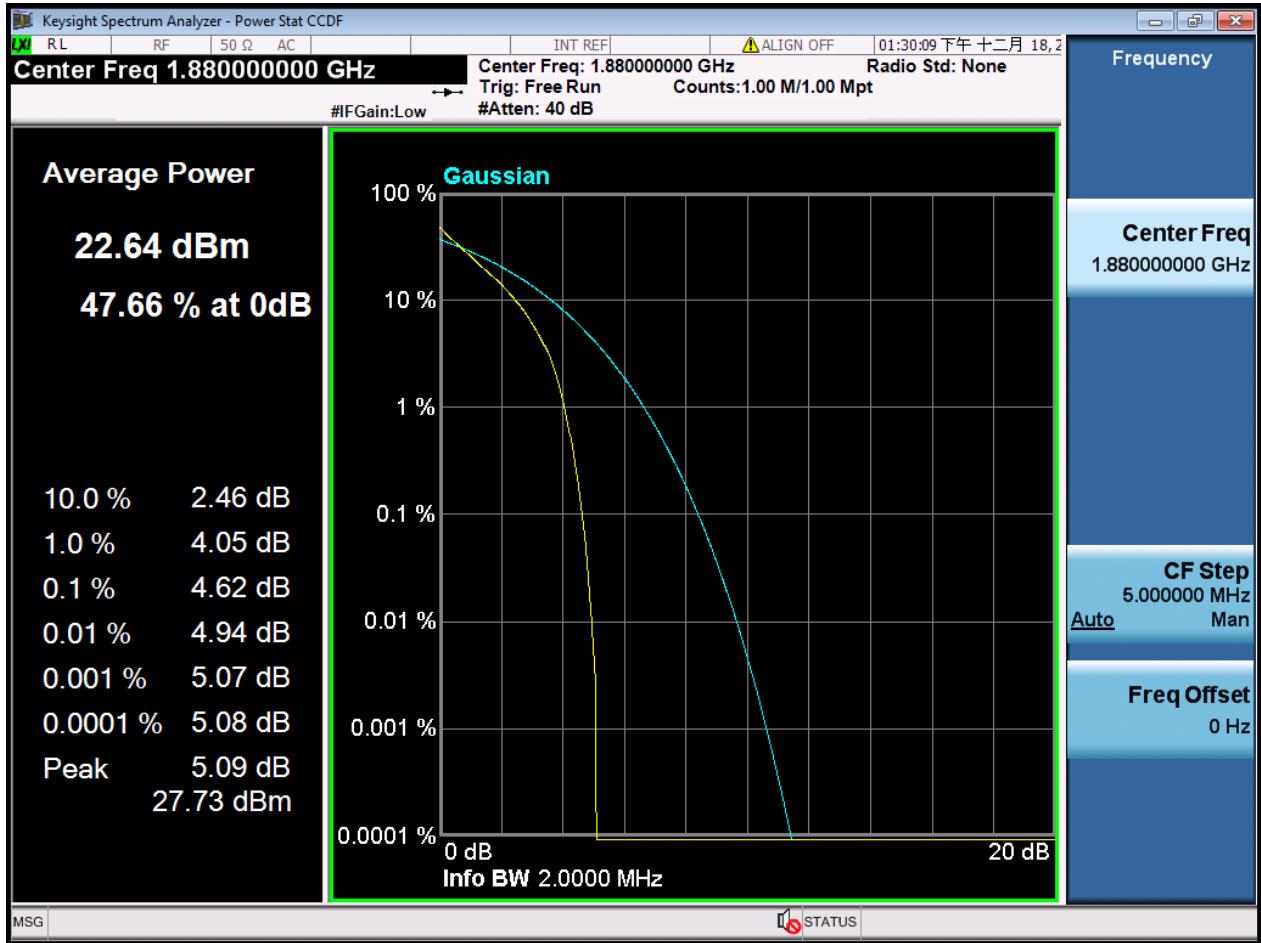
1.4. LTE Peak to Average Ratio(NTVV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.69	13	Pass



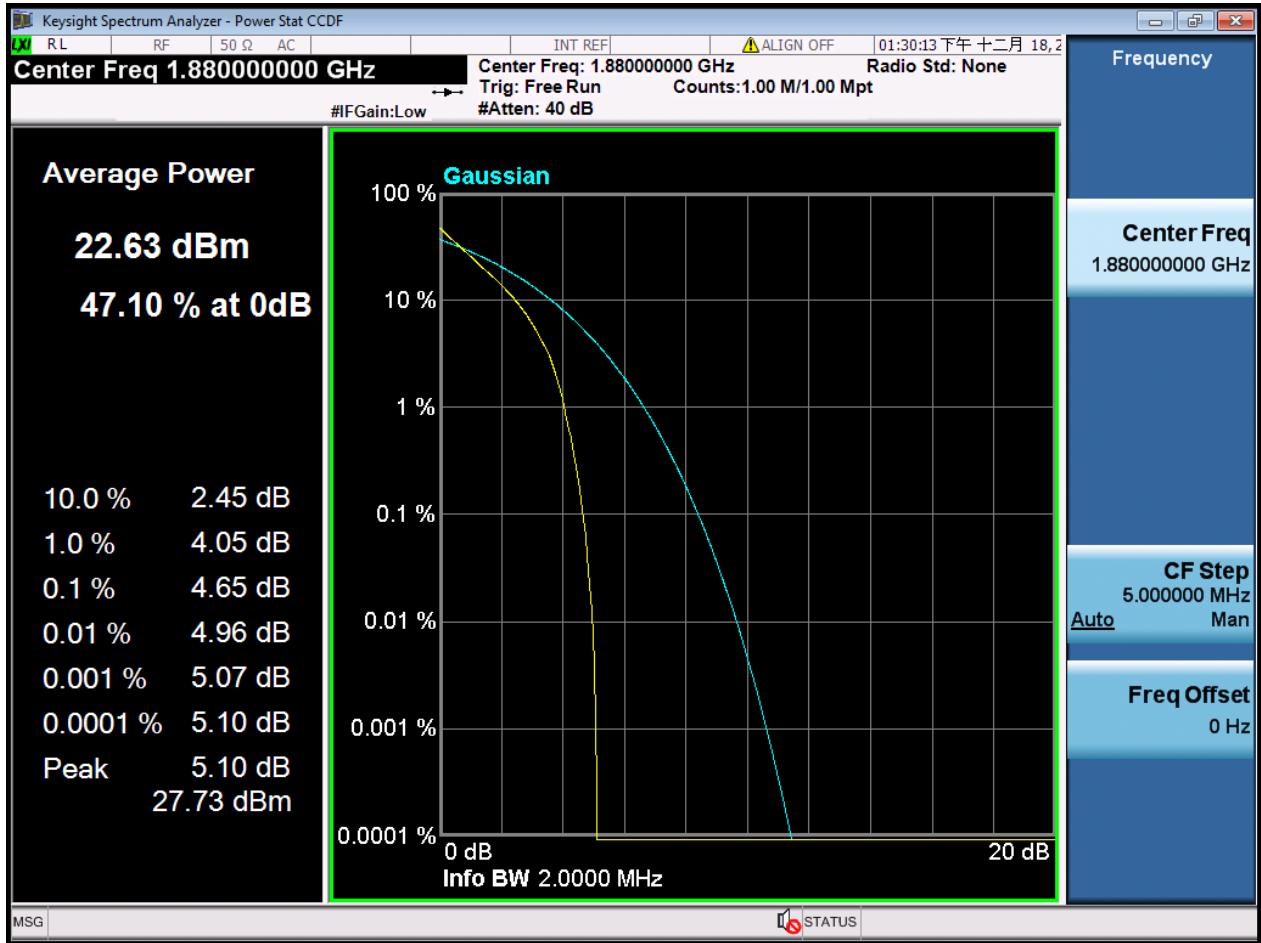
1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.62	13	Pass



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.65	13	Pass



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	5.41	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:30:17 下午 十二月 18, 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 21.55 dBm
46.31 % at 0dB

10.0 % 2.62 dB
1.0 % 4.39 dB
0.1 % 5.41 dB
0.01 % 6.06 dB
0.001 % 6.57 dB
0.0001 % 6.60 dB
Peak 6.61 dB
28.16 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	5.56	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:30:21 下午 十二月 18, 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 21.68 dBm
42.73 % at 0dB

10.0 % 2.96 dB
1.0 % 4.95 dB
0.1 % 5.56 dB
0.01 % 5.79 dB
0.001 % 5.84 dB
0.0001 % 5.85 dB
Peak 5.86 dB
27.54 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

1.9. 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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:30:25 下午 十二月 18, 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 21.82 dBm
43.19 % at 0dB

10.0 % 2.96 dB
1.0 % 4.86 dB
0.1 % 5.46 dB
0.01 % 5.69 dB
0.001 % 5.78 dB
0.0001 % 5.80 dB
Peak 5.81 dB
27.63 dBm

Gaussian



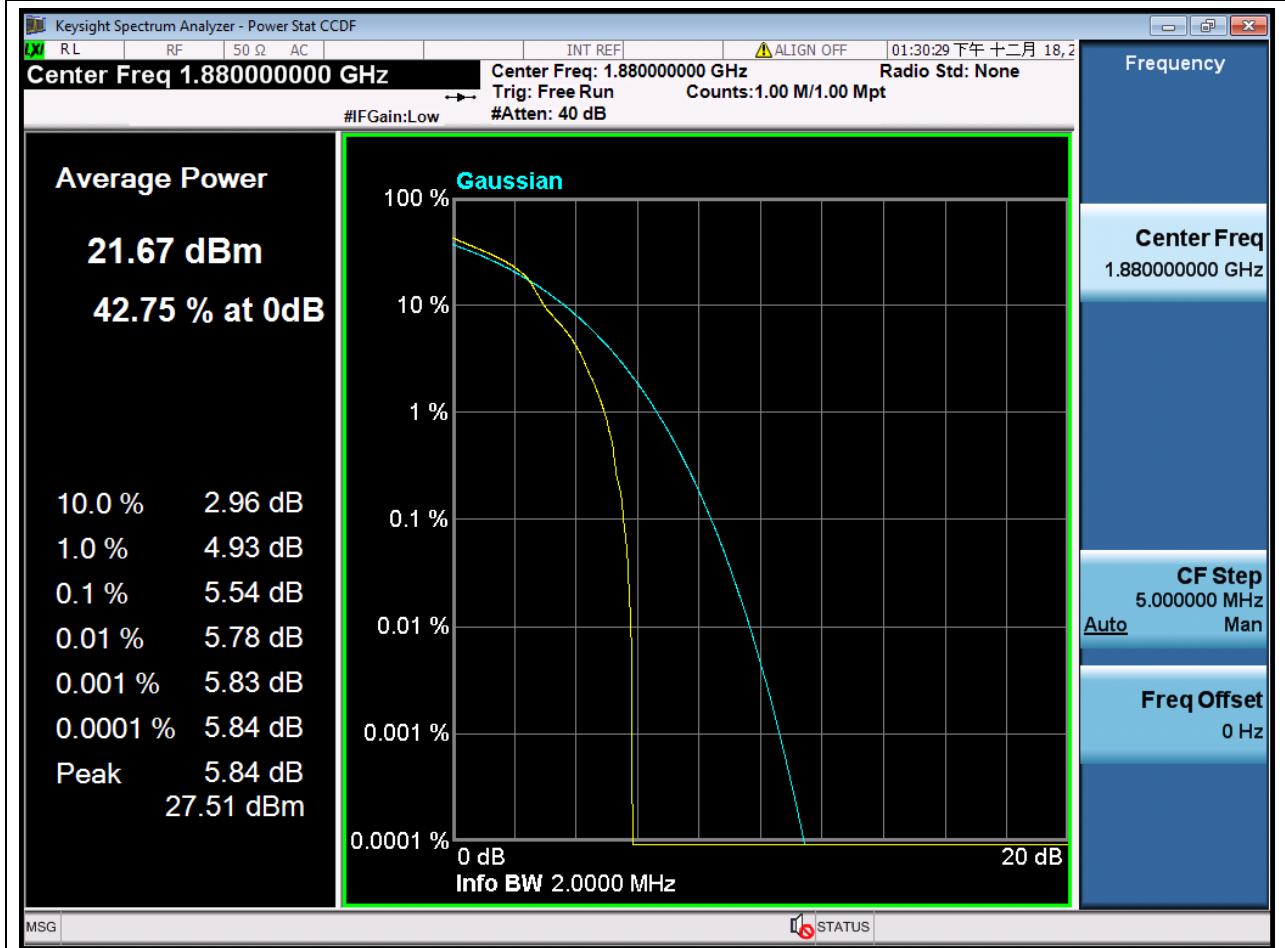
0 dB 20 dB
Info BW 2.0000 MHz

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

MSG STATUS

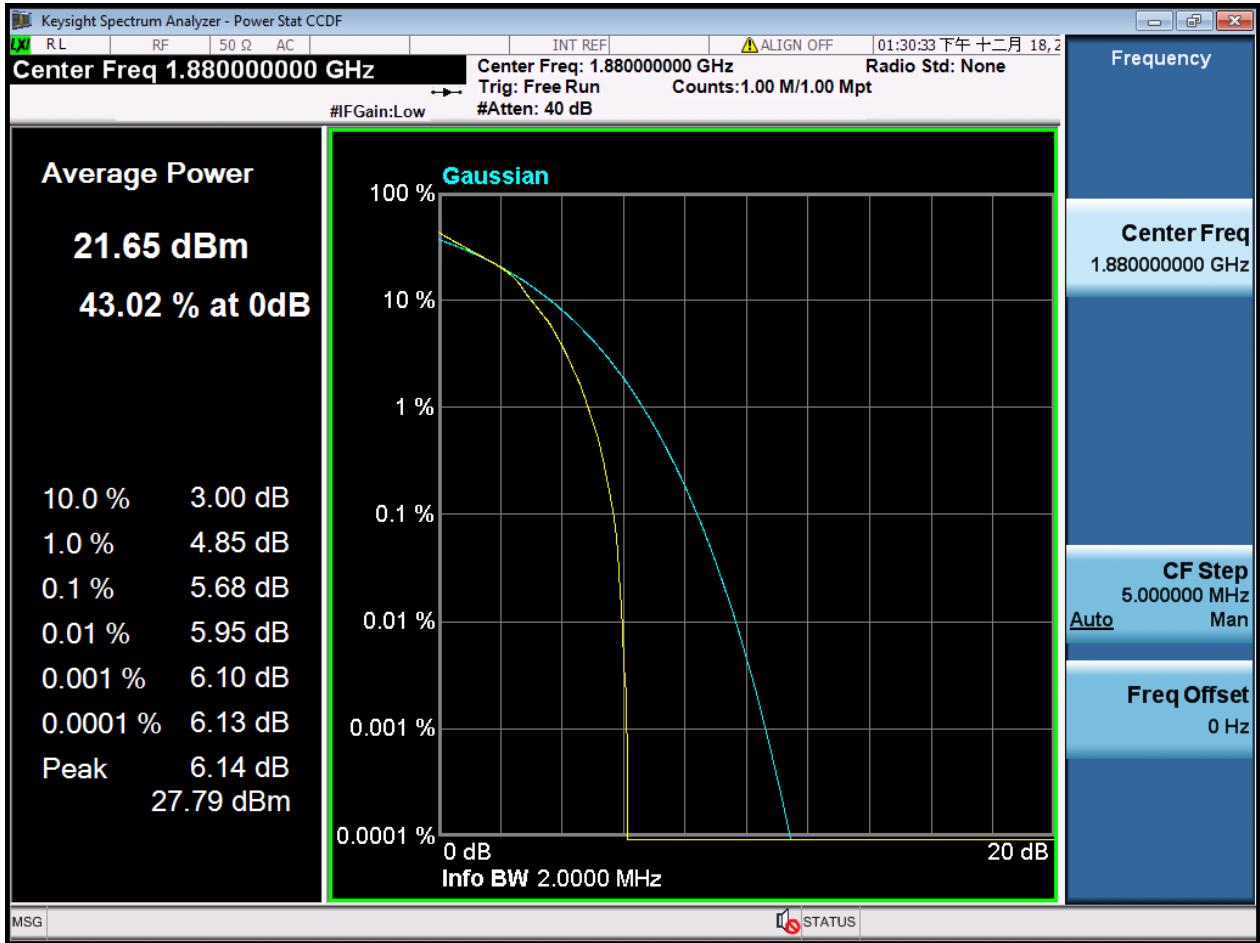
1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.54	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	5.67	13	Pass



Average Power
21.65 dBm
43.02 % at 0dB

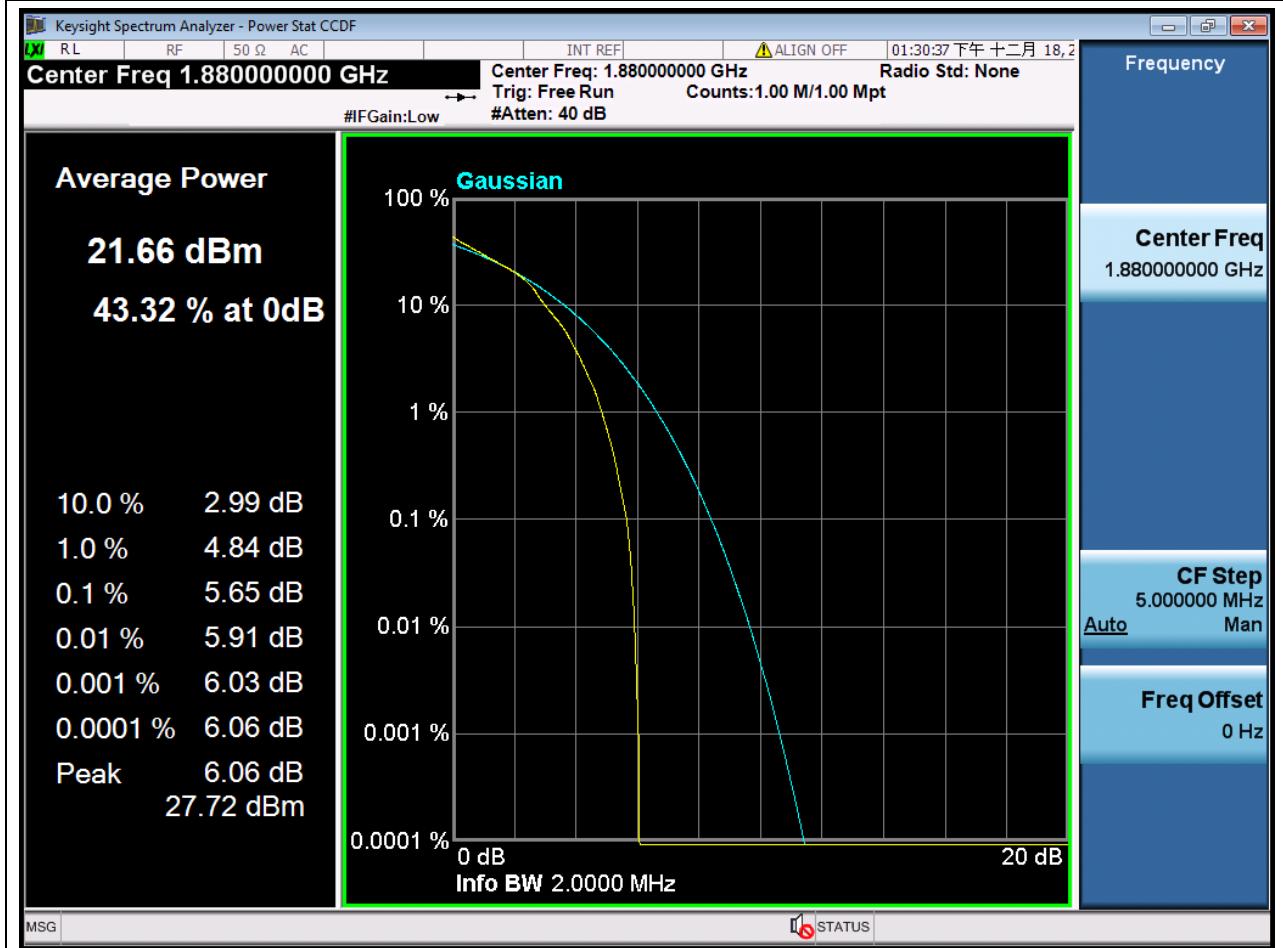
10.0 %	3.00 dB
1.0 %	4.85 dB
0.1 %	5.68 dB
0.01 %	5.95 dB
0.001 %	6.10 dB
0.0001 %	6.13 dB
Peak	6.14 dB
	27.79 dBm

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

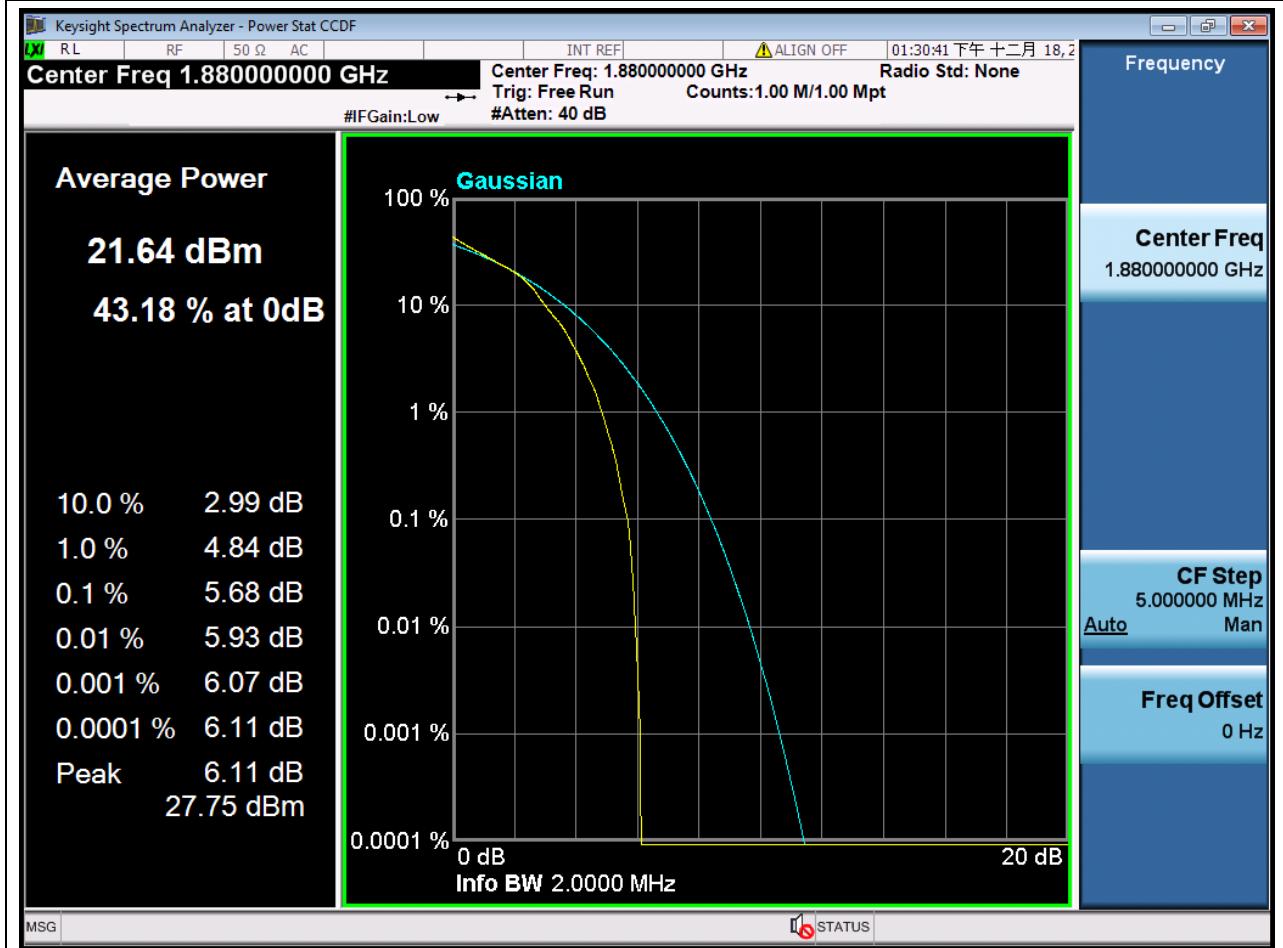
1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:MID)

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



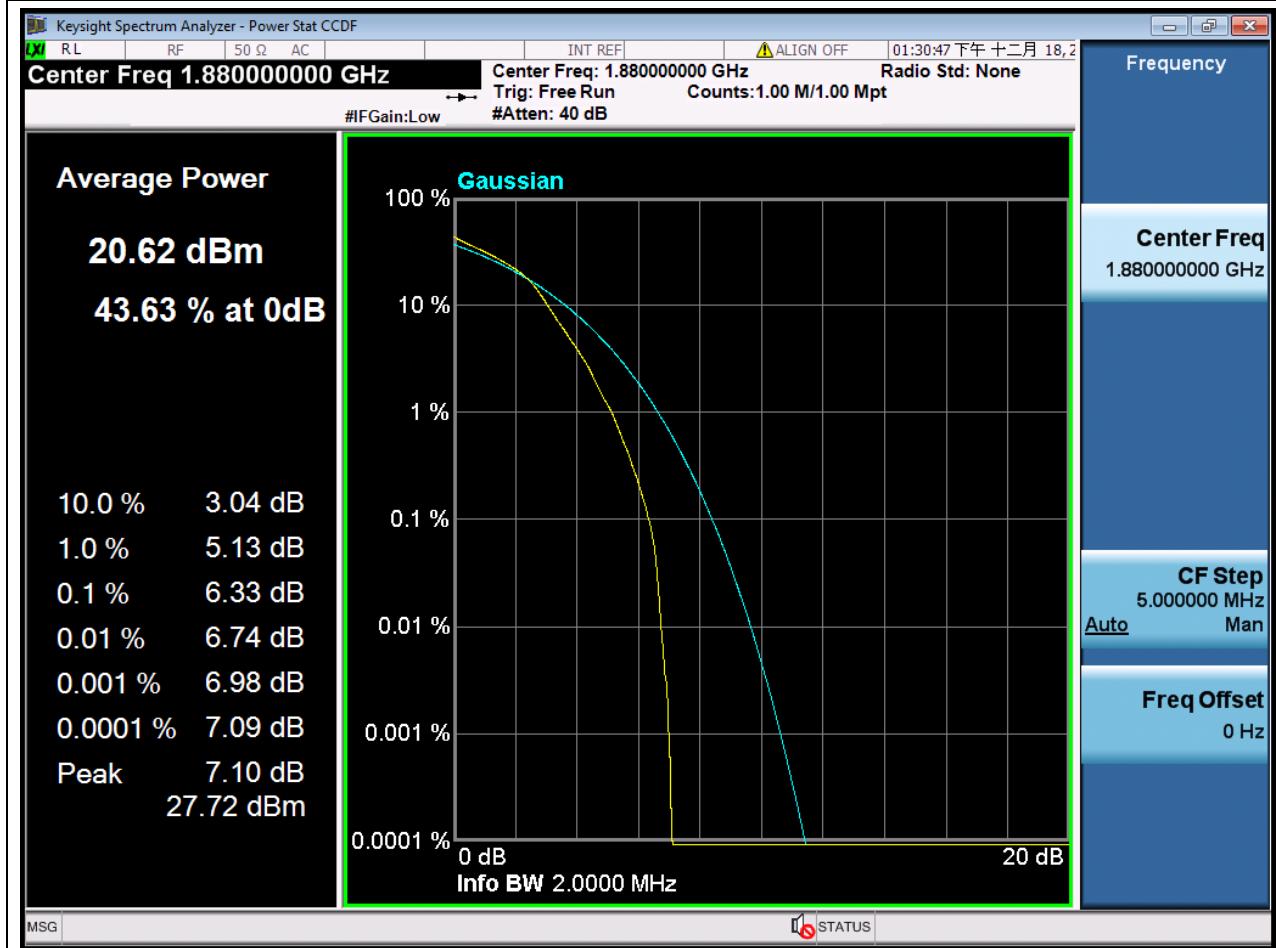
1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.68	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	6.33	13	Pass



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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:30:54 下午 十二月 18, 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 22.60 dBm
48.72 % at 0dB

10.0 % 2.57 dB
1.0 % 3.97 dB
0.1 % 4.54 dB
0.01 % 4.77 dB
0.001 % 4.95 dB
0.0001 % 4.98 dB
Peak 4.98 dB
27.58 dBm

Gaussian

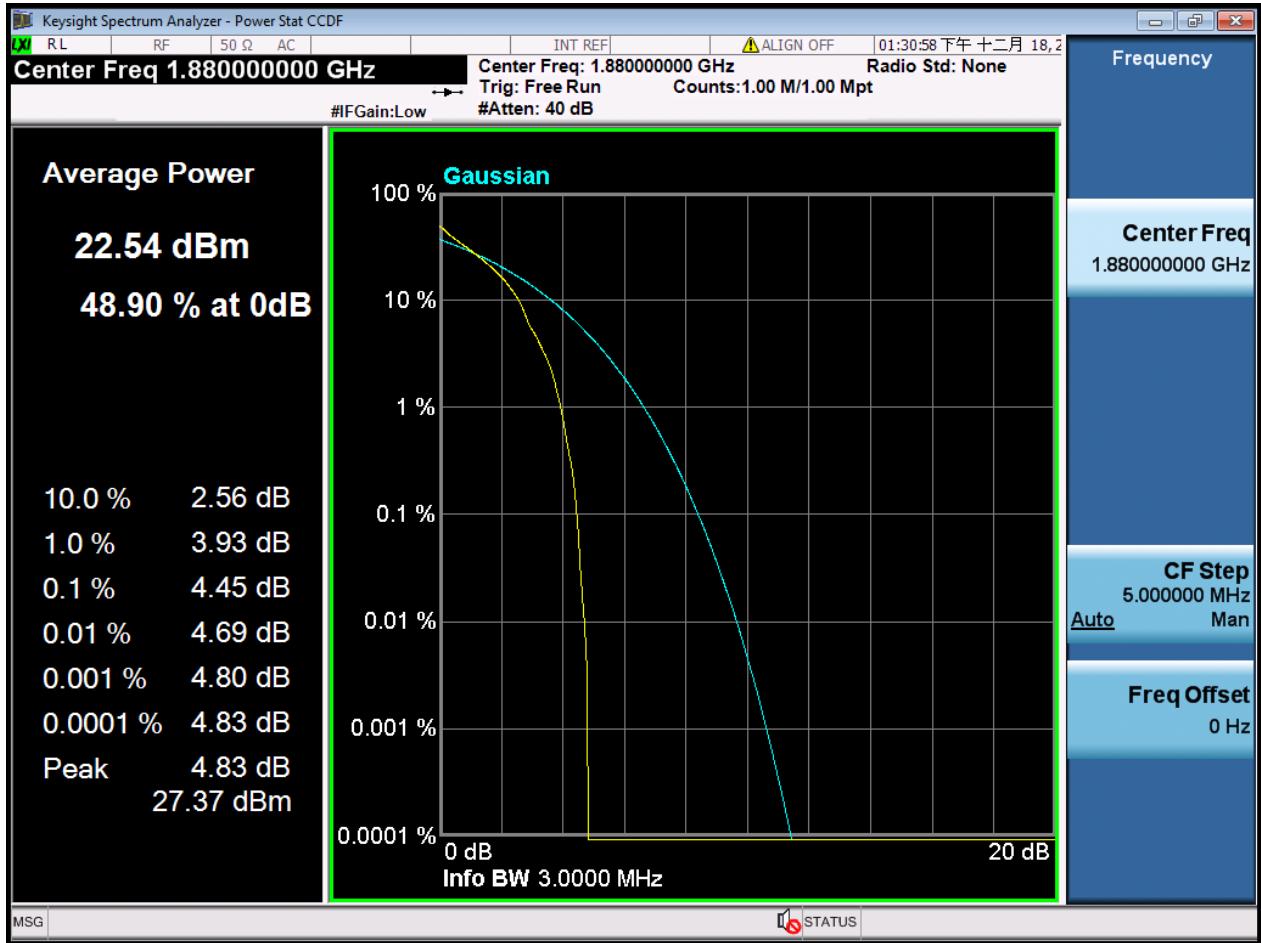


Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

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	4.45	13	Pass



Average Power
22.54 dBm
48.90 % at 0dB

10.0 %	2.56 dB
1.0 %	3.93 dB
0.1 %	4.45 dB
0.01 %	4.69 dB
0.001 %	4.80 dB
0.0001 %	4.83 dB
Peak	4.83 dB
	27.37 dBm

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	4.61	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

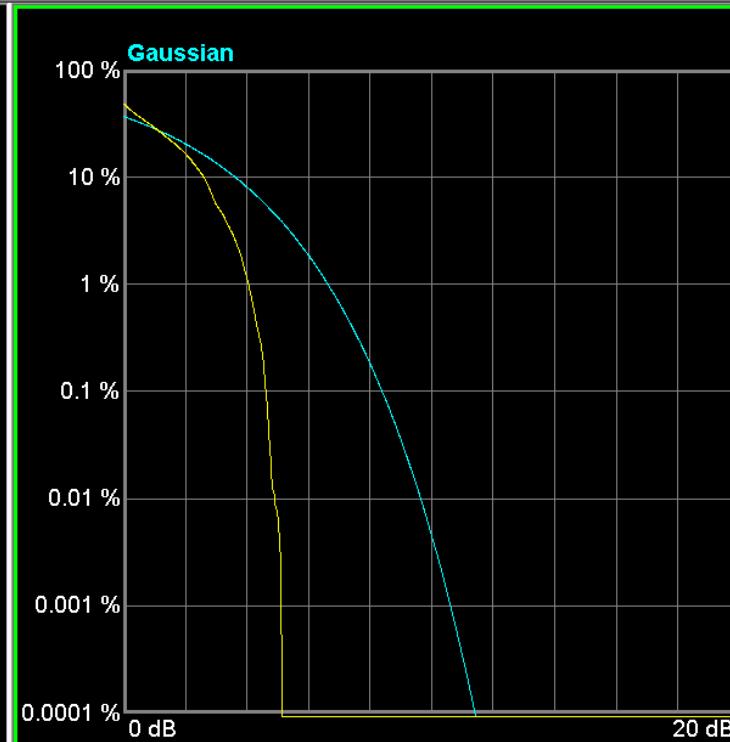
RL RF 50 Ω AC INT REF ALIGN OFF 01:31:02 下午 十二月 18, 2018

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
22.58 dBm
48.38 % at 0dB

10.0 % 2.59 dB
1.0 % 4.05 dB
0.1 % 4.61 dB
0.01 % 4.91 dB
0.001 % 5.11 dB
0.0001 % 5.12 dB
Peak 5.12 dB
27.70 dBm

Gaussian



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	5.44	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:31:07 下午 十二月 18, 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 21.56 dBm
44.65 % at 0dB

10.0 % 2.61 dB
1.0 % 4.46 dB
0.1 % 5.44 dB
0.01 % 6.13 dB
0.001 % 6.46 dB
0.0001 % 6.51 dB
Peak 6.53 dB
28.09 dBm

Gaussian



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

0 dB 20 dB

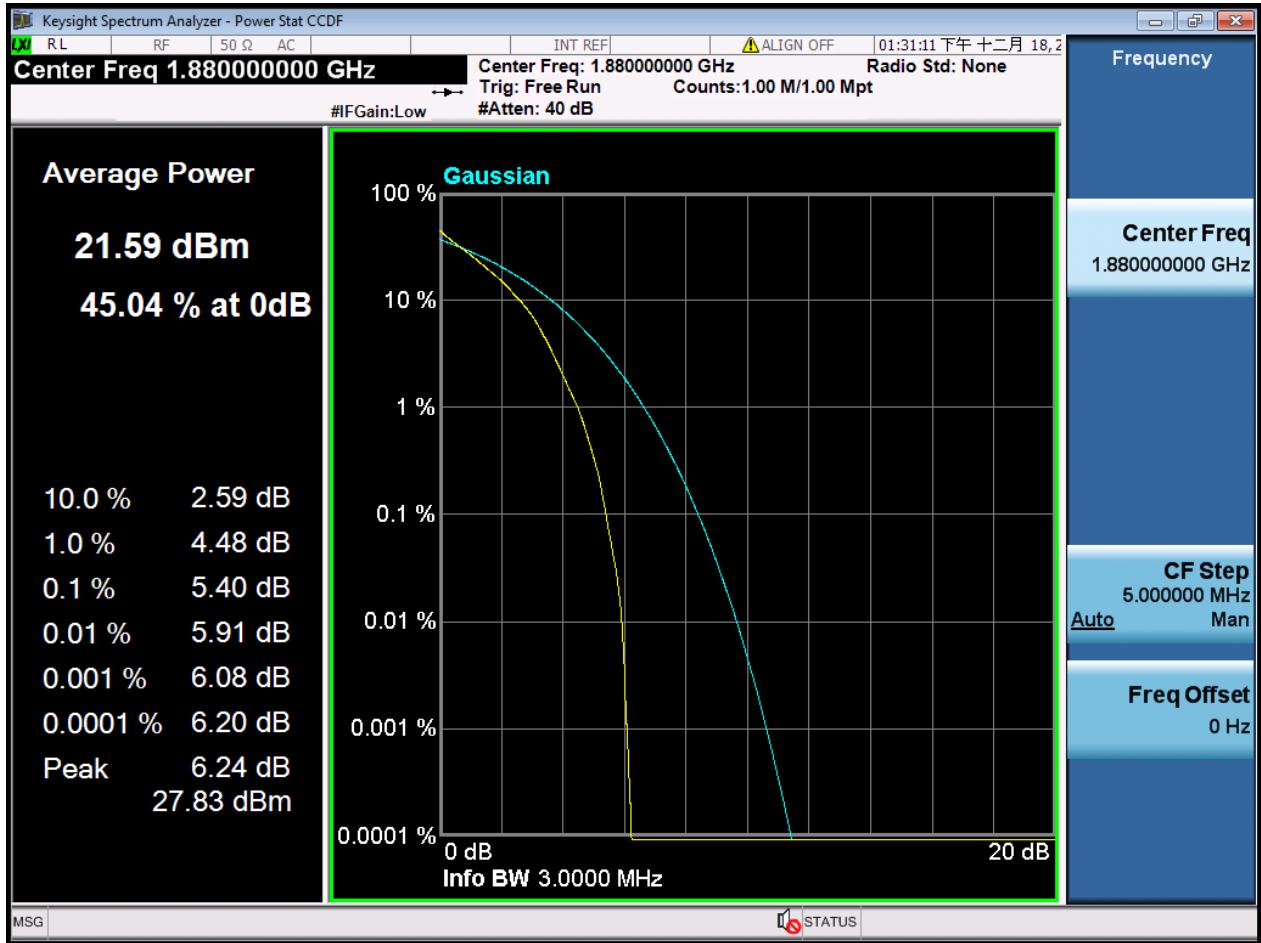
Info BW 3.0000 MHz

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

MSG STATUS

1.19. 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	5.4	13	Pass



Average Power
21.59 dBm
45.04 % at 0dB

10.0 %	2.59 dB
1.0 %	4.48 dB
0.1 %	5.40 dB
0.01 %	5.91 dB
0.001 %	6.08 dB
0.0001 %	6.20 dB
Peak	6.24 dB
	27.83 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

1.20. 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	5.42	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:31:15 下午 十二月 18, 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 21.55 dBm
45.01 % at 0dB

10.0 % 2.60 dB
1.0 % 4.44 dB
0.1 % 5.42 dB
0.01 % 6.07 dB
0.001 % 6.36 dB
0.0001 % 6.45 dB
Peak 6.46 dB
28.01 dBm

Gaussian



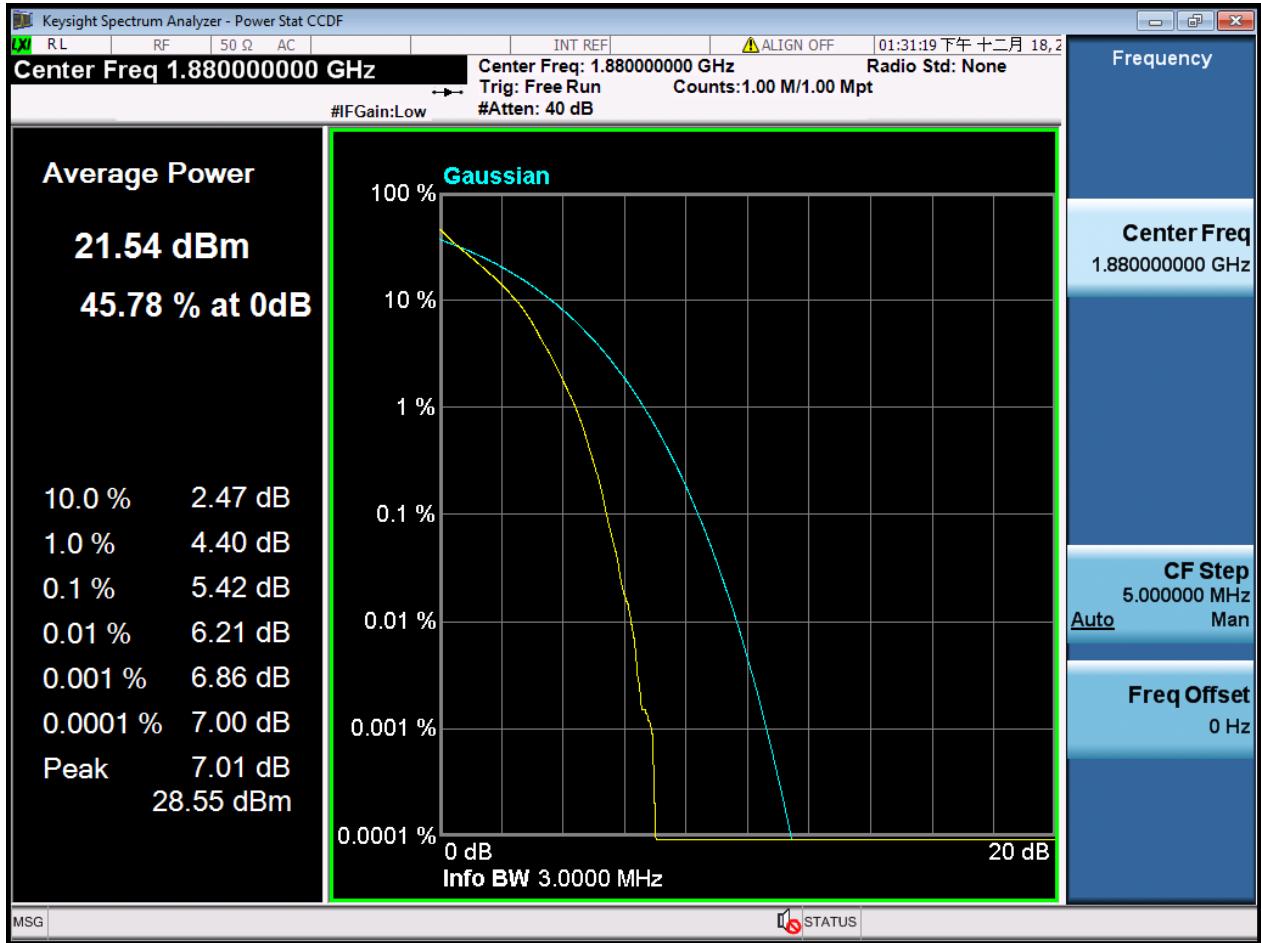
0.0001 % 0 dB 20 dB Info BW 3.0000 MHz

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	5.42	13	Pass



Average Power
21.54 dBm
45.78 % at 0dB

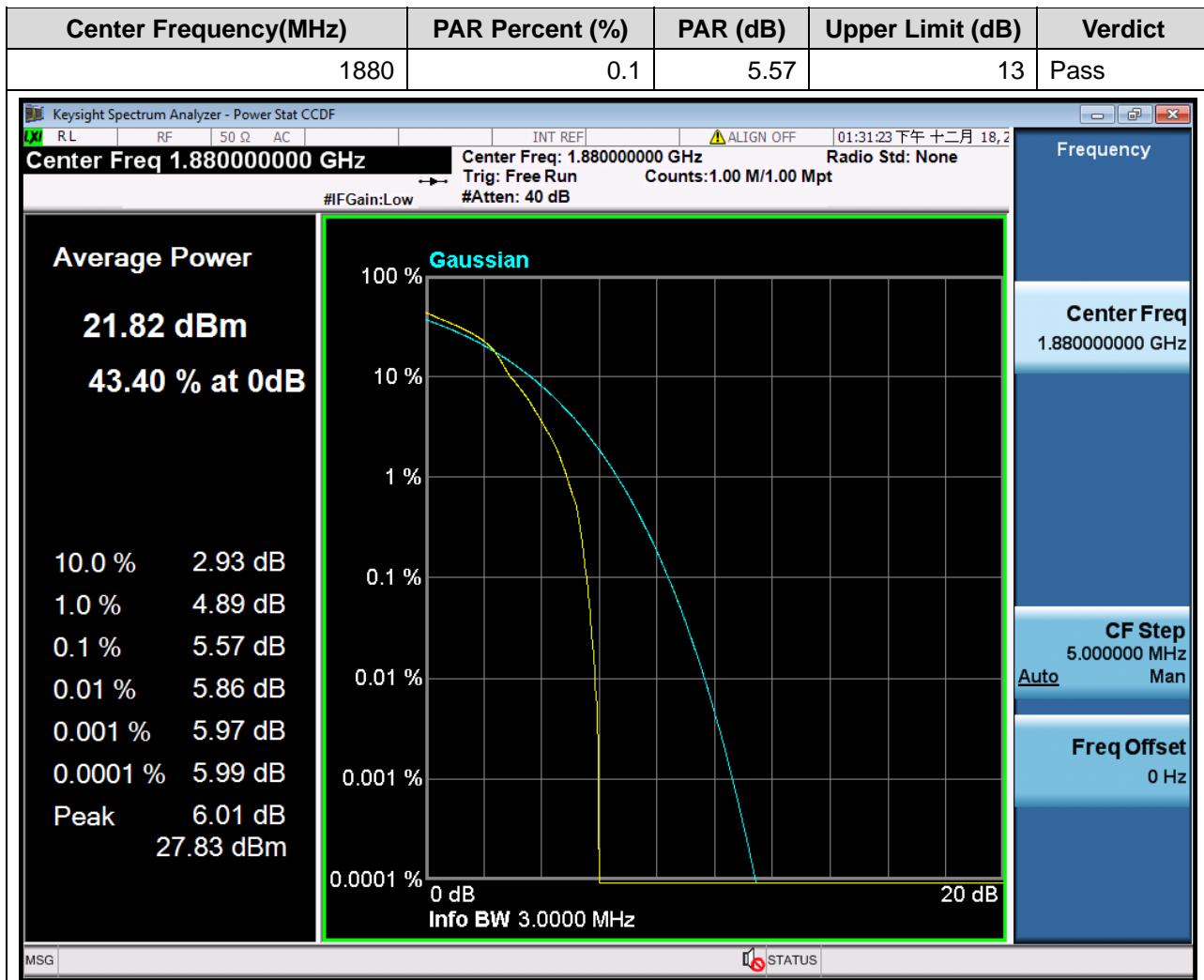
10.0 %	2.47 dB
1.0 %	4.40 dB
0.1 %	5.42 dB
0.01 %	6.21 dB
0.001 %	6.86 dB
0.0001 %	7.00 dB
Peak	7.01 dB
	28.55 dBm

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)



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	5.52	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:31:27 下午 十二月 18, 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 21.76 dBm
43.60 % at 0dB

10.0 % 2.93 dB
1.0 % 4.85 dB
0.1 % 5.52 dB
0.01 % 5.76 dB
0.001 % 5.83 dB
0.0001 % 5.85 dB
Peak 5.89 dB
27.65 dBm

Gaussian



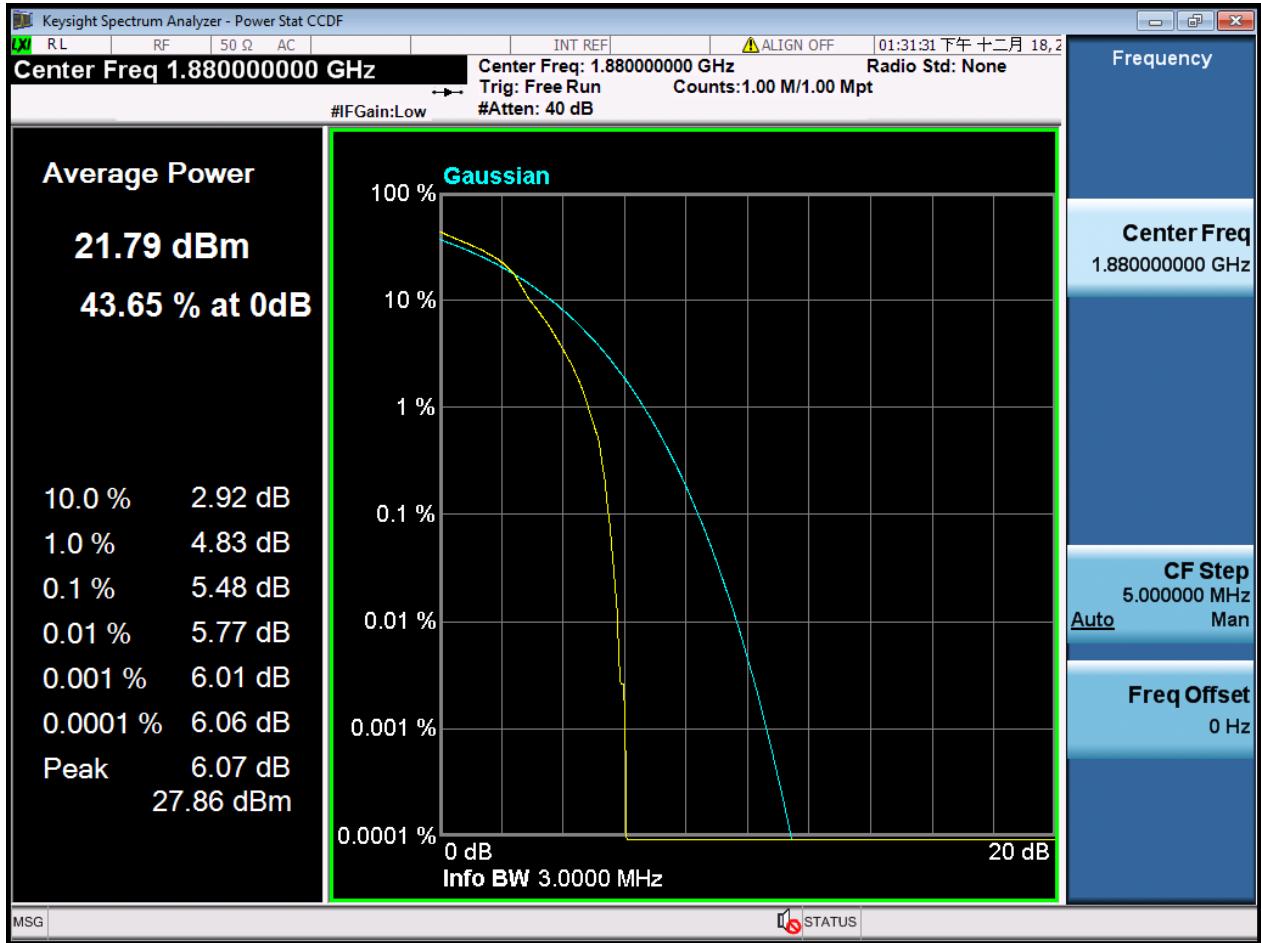
Info BW 3.0000 MHz

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

MSG STATUS

1.24. 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	5.48	13	Pass



Average Power
21.79 dBm
43.65 % at 0dB

10.0 %	2.92 dB
1.0 %	4.83 dB
0.1 %	5.48 dB
0.01 %	5.77 dB
0.001 %	6.01 dB
0.0001 %	6.06 dB
Peak	6.07 dB
	27.86 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

1.25. 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	6.15	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:31:35 下午 十二月 18, 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
20.63 dBm
42.70 % at 0dB

10.0 % 3.02 dB
1.0 % 5.11 dB
0.1 % 6.15 dB
0.01 % 6.92 dB
0.001 % 7.11 dB
0.0001 % 7.31 dB
Peak 7.31 dB
27.94 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

1.26. 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	6.12	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:31:39 下午 十二月 18, 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
20.65 dBm
42.86 % at 0dB

10.0 % 3.02 dB
1.0 % 5.09 dB
0.1 % 6.12 dB
0.01 % 6.84 dB
0.001 % 7.02 dB
0.0001 % 7.15 dB
Peak 7.16 dB
27.81 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	6.11	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:31:43 下午 十二月 18, 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
20.61 dBm
42.63 % at 0dB

10.0 % 3.02 dB
1.0 % 5.07 dB
0.1 % 6.11 dB
0.01 % 6.72 dB
0.001 % 7.42 dB
0.0001 % 7.44 dB
Peak 7.46 dB
28.07 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

1.28. 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	6.39	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:31:47 下午 十二月 18, 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
20.57 dBm
43.62 % at 0dB

10.0 % 2.94 dB
1.0 % 5.10 dB
0.1 % 6.39 dB
0.01 % 7.26 dB
0.001 % 7.80 dB
0.0001 % 7.87 dB
Peak 7.91 dB
28.48 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

1.29. 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	4.56	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:31:56 下午 十二月 18, 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
22.56 dBm
48.65 % at 0dB

10.0 % 2.55 dB
1.0 % 4.03 dB
0.1 % 4.56 dB
0.01 % 4.87 dB
0.001 % 4.94 dB
0.0001 % 4.96 dB
Peak 4.96 dB
27.52 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	4.4	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:32:00 下午 十二月 18, 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
22.56 dBm
49.23 % at 0dB

10.0 % 2.52 dB
1.0 % 3.92 dB
0.1 % 4.40 dB
0.01 % 4.70 dB
0.001 % 4.79 dB
0.0001 % 4.82 dB
Peak 4.83 dB
27.39 dBm

Gaussian



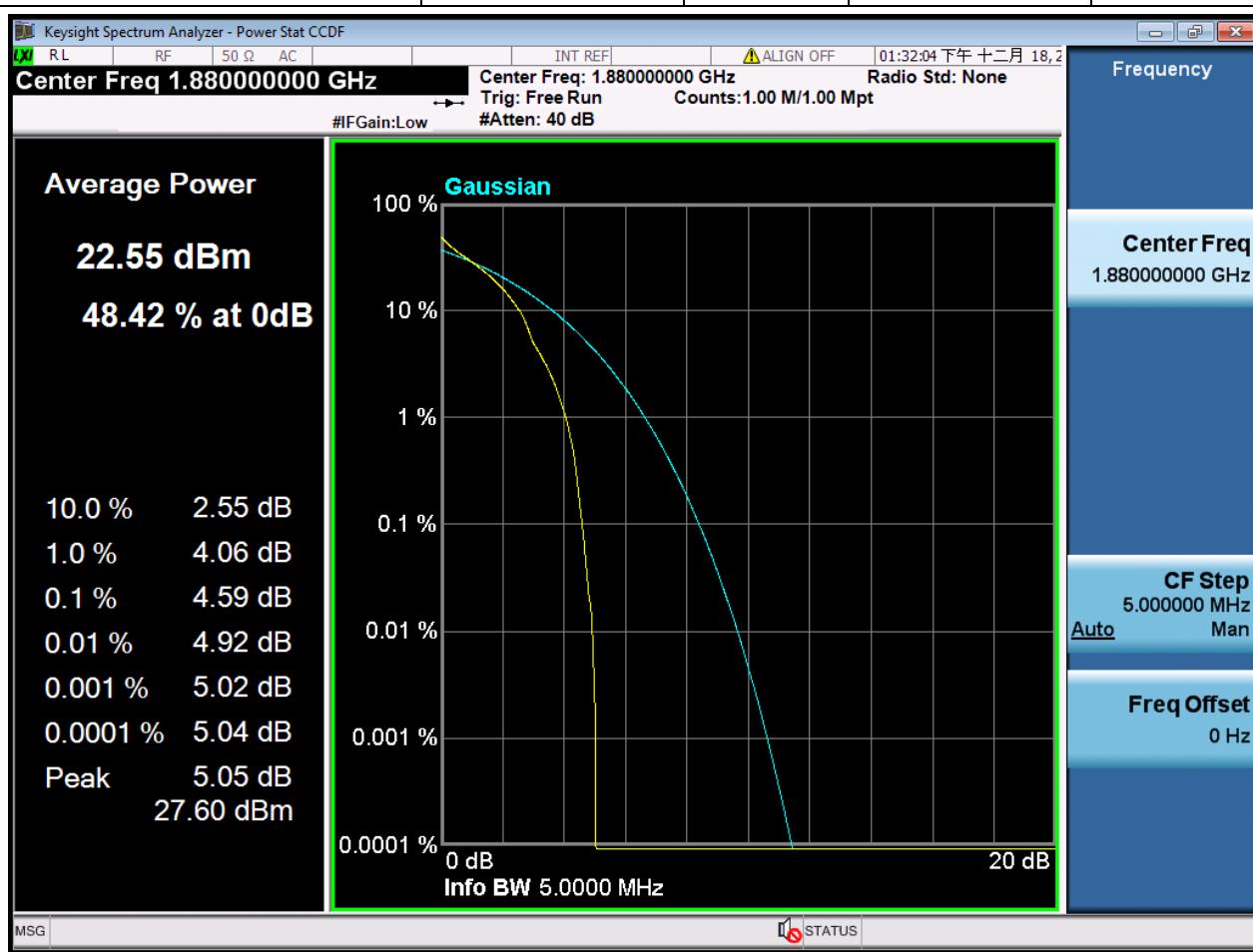
Info BW 5.0000 MHz

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

MSG STATUS

1.31. 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	4.59	13	Pass



Average Power
22.55 dBm
48.42 % at 0dB

10.0 %	2.55 dB
1.0 %	4.06 dB
0.1 %	4.59 dB
0.01 %	4.92 dB
0.001 %	5.02 dB
0.0001 %	5.04 dB
Peak	5.05 dB
	27.60 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

1.32. 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	5.49	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

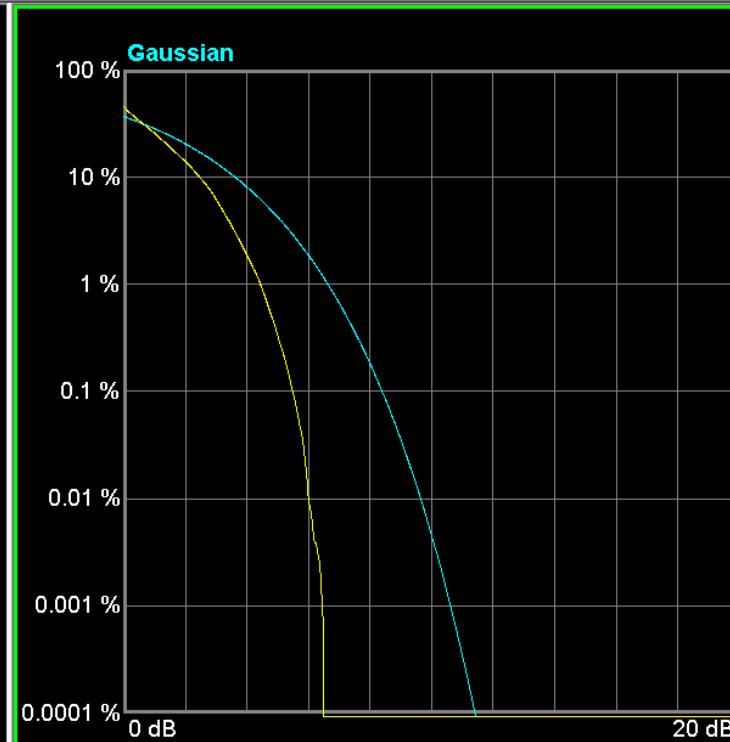
RL RF 50 Ω AC INT REF ALIGN OFF 01:32:08 下午 十二月 18, 2018

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 21.58 dBm
45.56 % at 0dB

10.0 % 2.47 dB
1.0 % 4.44 dB
0.1 % 5.49 dB
0.01 % 6.00 dB
0.001 % 6.44 dB
0.0001 % 6.49 dB
Peak 6.49 dB
28.07 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
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	5.37	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:32:12 下午 十二月 18, 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
21.59 dBm
45.35 % at 0dB

10.0 % 2.48 dB
1.0 % 4.40 dB
0.1 % 5.37 dB
0.01 % 5.91 dB
0.001 % 6.24 dB
0.0001 % 6.34 dB
Peak 6.35 dB
27.94 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	5.44	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:32:16 下午 十二月 18, 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
21.57 dBm
45.88 % at 0dB

10.0 % 2.46 dB
1.0 % 4.41 dB
0.1 % 5.44 dB
0.01 % 5.90 dB
0.001 % 6.31 dB
0.0001 % 6.34 dB
Peak 6.34 dB
27.91 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

1.35. 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	5.54	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:32:20 下午 十二月 18, 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 21.57 dBm
45.71 % at 0dB

10.0 % 2.41 dB
1.0 % 4.43 dB
0.1 % 5.54 dB
0.01 % 6.14 dB
0.001 % 6.67 dB
0.0001 % 6.81 dB
Peak 6.88 dB
28.45 dBm

Gaussian

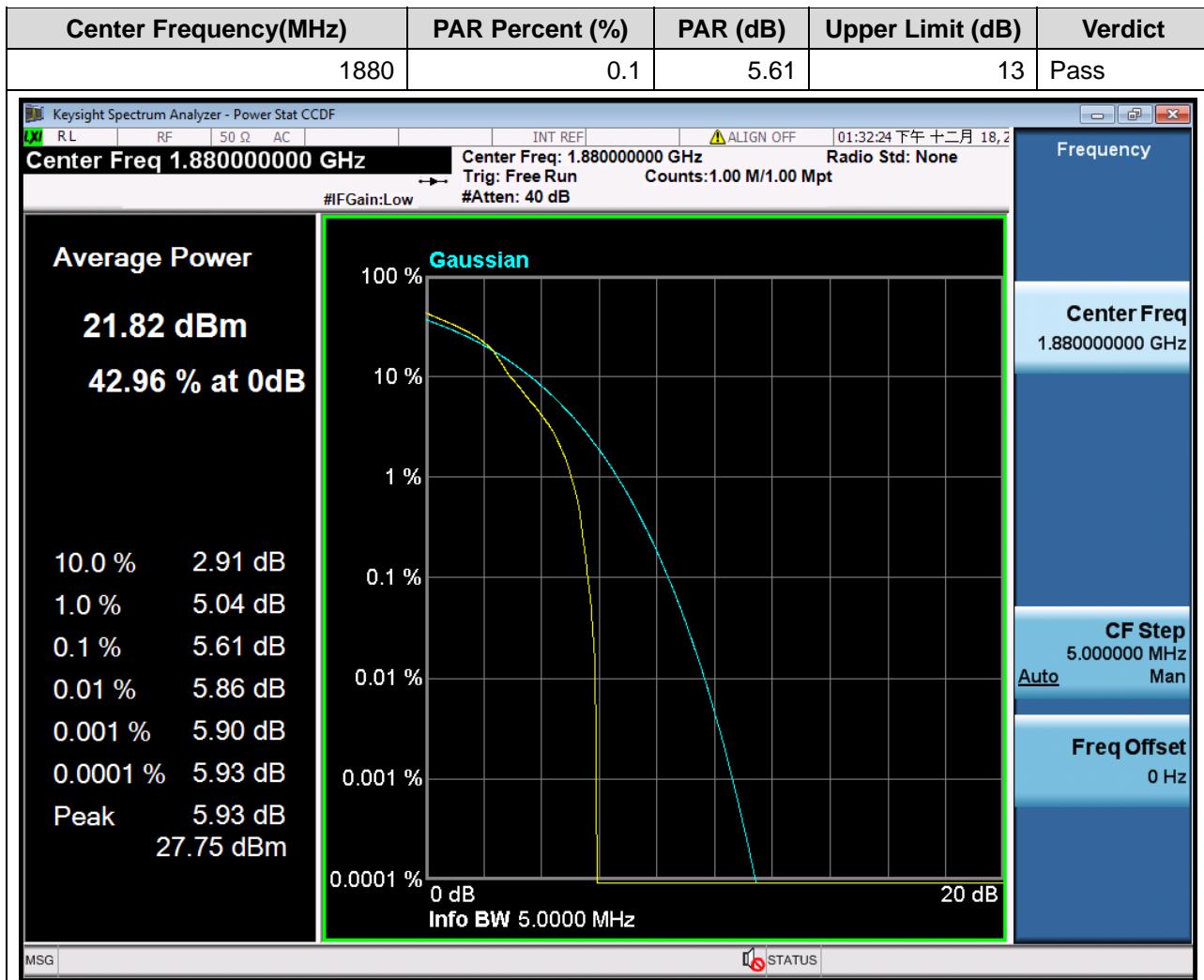


0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

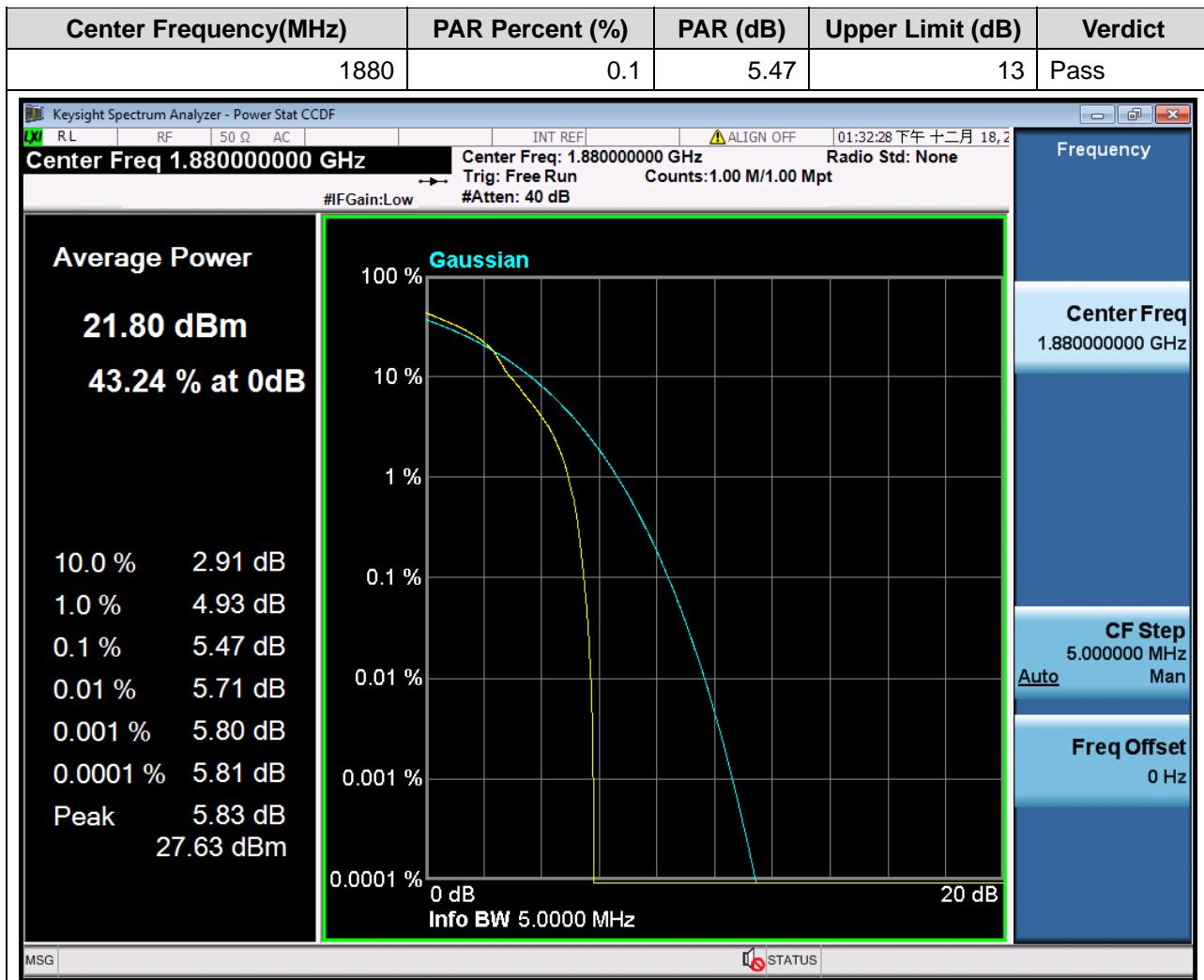
Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

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



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



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	5.45	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:32:32 下午 十二月 18, 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
21.78 dBm
43.35 % at 0dB

10.0 % 2.90 dB
1.0 % 4.92 dB
0.1 % 5.45 dB
0.01 % 5.67 dB
0.001 % 5.71 dB
0.0001 % 5.72 dB
Peak 5.75 dB
27.53 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	6.32	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:32:36 下午 十二月 18, 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
20.64 dBm
42.94 % at 0dB

10.0 % 2.92 dB
1.0 % 5.11 dB
0.1 % 6.32 dB
0.01 % 6.95 dB
0.001 % 7.26 dB
0.0001 % 7.40 dB
Peak 7.40 dB
28.04 dBm

Gaussian



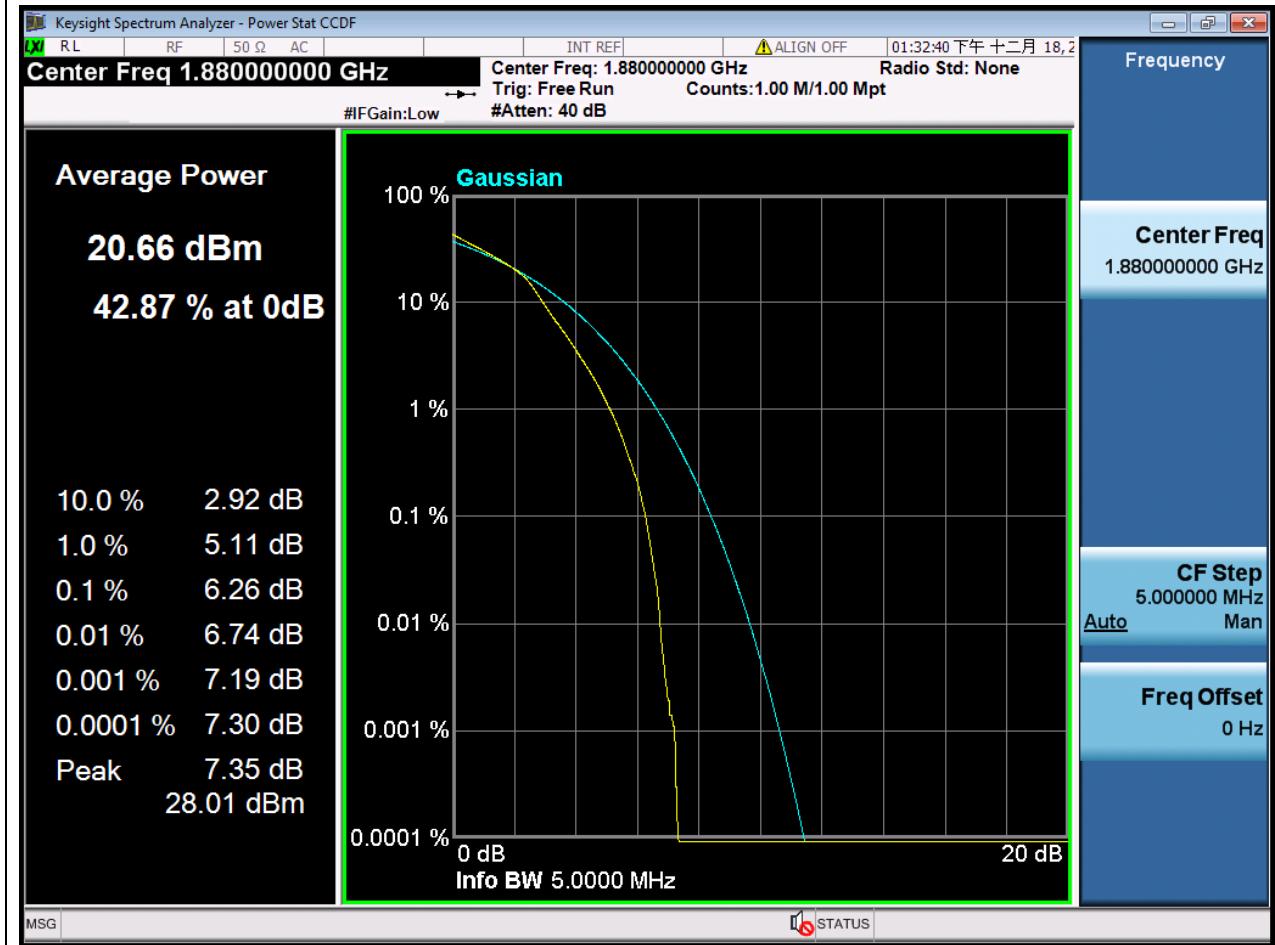
0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

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

MSG STATUS

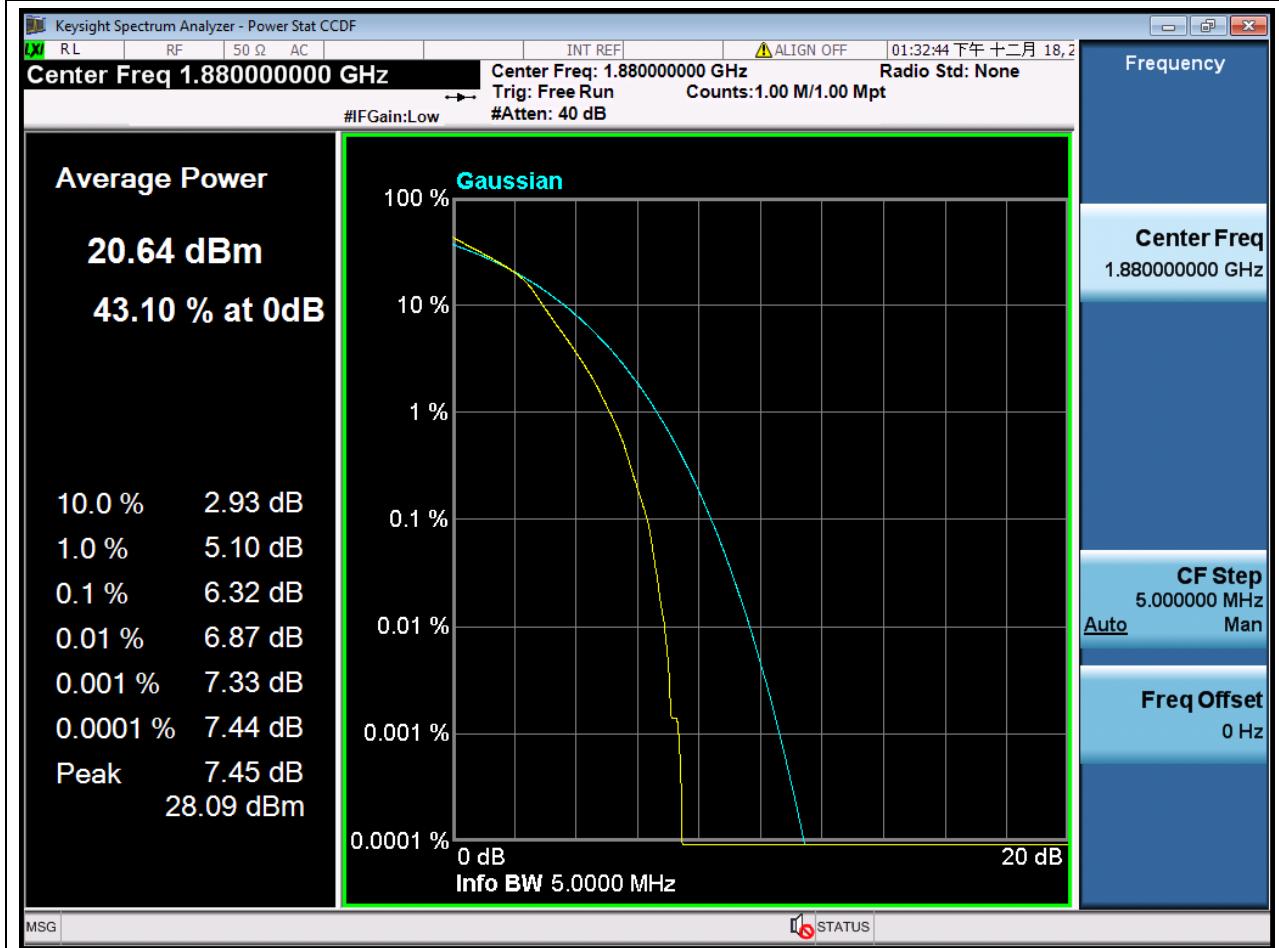
1.40. LTE Peak to Average Ratio(NTNV)(Subtest:40, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.26	13	Pass



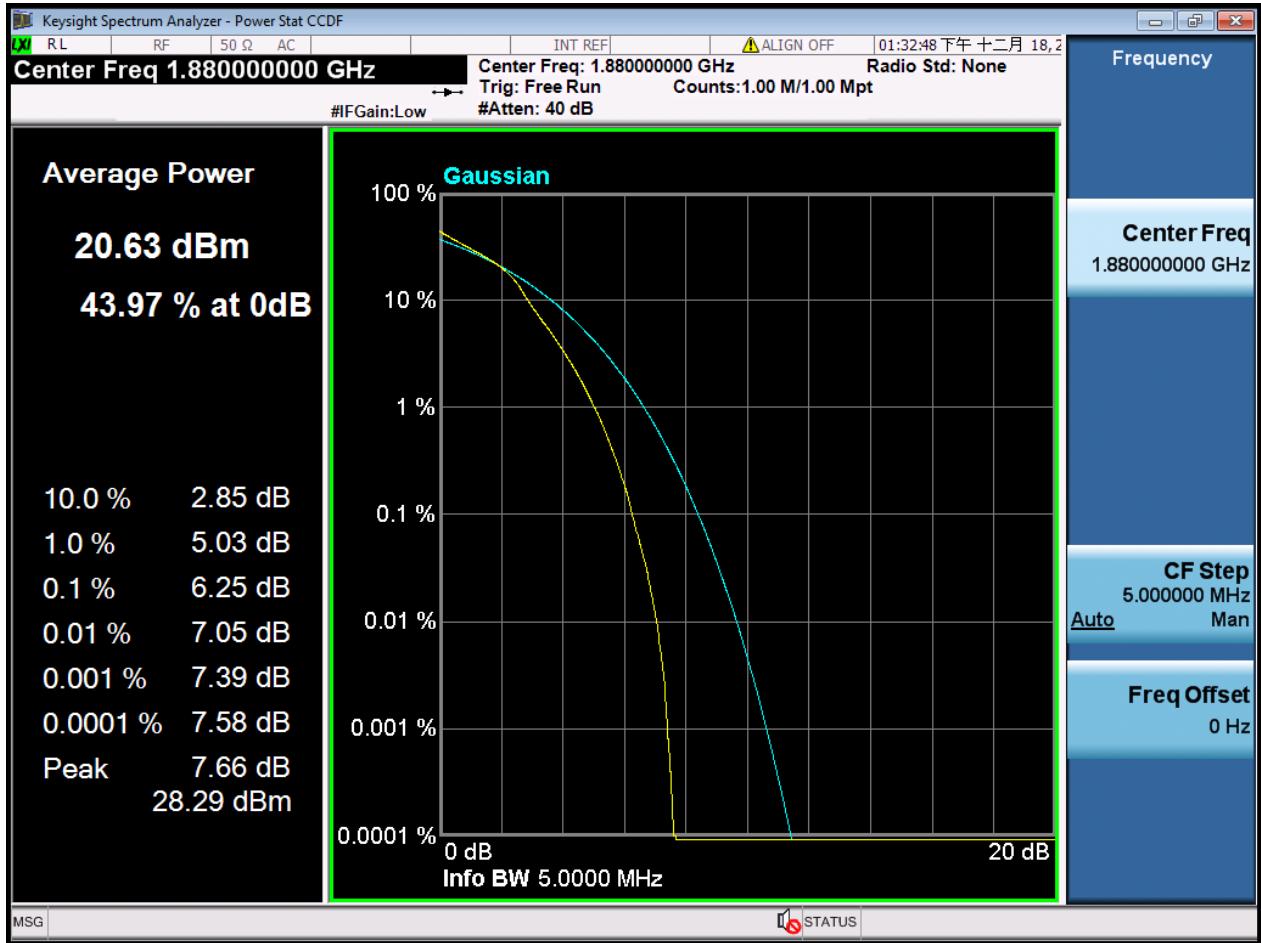
1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.32	13	Pass



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.25	13	Pass



Average Power
20.63 dBm
43.97 % at 0dB

10.0 %	2.85 dB
1.0 %	5.03 dB
0.1 %	6.25 dB
0.01 %	7.05 dB
0.001 %	7.39 dB
0.0001 %	7.58 dB
Peak	7.66 dB
	28.29 dBm

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

Frequency
CF Step
5.000000 MHz
Man
Auto
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	4.62	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:32:56 下午 十二月 18, 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
47.81 % at 0dB

10.0 % 2.60 dB
1.0 % 4.06 dB
0.1 % 4.62 dB
0.01 % 4.92 dB
0.001 % 5.02 dB
0.0001 % 5.04 dB
Peak 5.04 dB
27.67 dBm

Gaussian



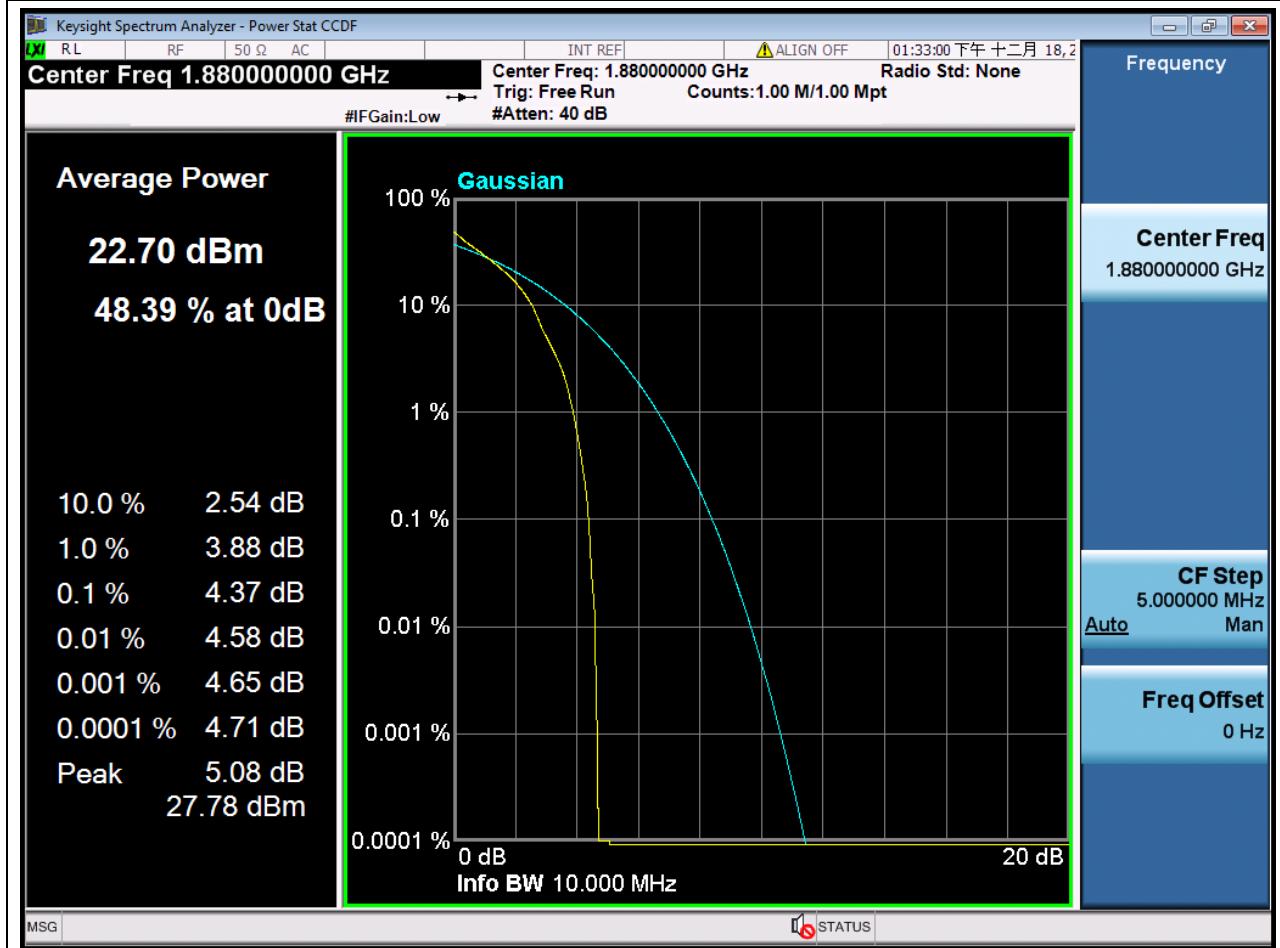
Info BW 10.000 MHz

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

MSG STATUS

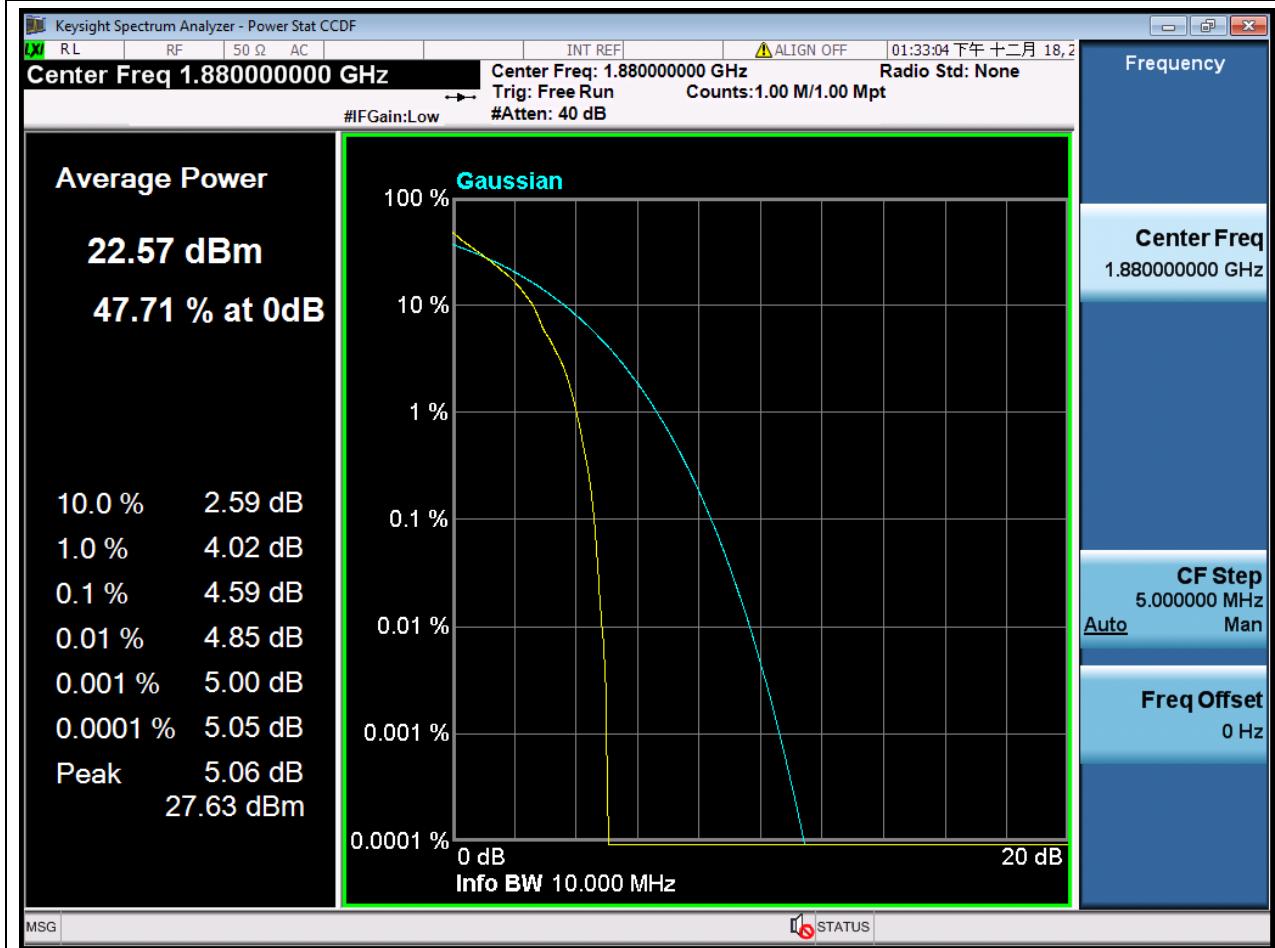
1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.59	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	5.43	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:33:09 下午 十二月 18, 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 21.64 dBm
45.73 % at 0dB

10.0 % 2.41 dB
1.0 % 4.46 dB
0.1 % 5.43 dB
0.01 % 5.93 dB
0.001 % 6.25 dB
0.0001 % 6.55 dB
Peak 6.58 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 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	5.37	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:33:13 下午 十二月 18, 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 21.59 dBm
45.58 % at 0dB

10.0 % 2.43 dB
1.0 % 4.41 dB
0.1 % 5.37 dB
0.01 % 5.87 dB
0.001 % 6.08 dB
0.0001 % 6.37 dB
Peak 6.38 dB
27.97 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
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	5.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:33:17 下午 十二月 18, 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 21.60 dBm
46.07 % at 0dB

10.0 % 2.42 dB
1.0 % 4.39 dB
0.1 % 5.36 dB
0.01 % 5.87 dB
0.001 % 6.15 dB
0.0001 % 6.41 dB
Peak 6.43 dB
28.03 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
Freq Offset 0 Hz

MSG STATUS

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	5.58	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:33:21 下午 十二月 18, 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 21.60 dBm
45.85 % at 0dB

10.0 % 2.35 dB
1.0 % 4.41 dB
0.1 % 5.58 dB
0.01 % 6.37 dB
0.001 % 6.82 dB
0.0001 % 7.00 dB
Peak 7.02 dB
28.62 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

1.50. 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	5.62	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:33:25 下午 十二月 18, 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 21.88 dBm
43.52 % at 0dB

10.0 % 2.92 dB
1.0 % 4.90 dB
0.1 % 5.62 dB
0.01 % 5.94 dB
0.001 % 6.04 dB
0.0001 % 6.08 dB
Peak 6.08 dB
27.96 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	5.44	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:33:29 下午 十二月 18, 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
43.70 % at 0dB

10.0 % 2.92 dB
1.0 % 4.81 dB
0.1 % 5.44 dB
0.01 % 5.69 dB
0.001 % 5.77 dB
0.0001 % 5.80 dB
Peak 5.81 dB
27.70 dBm

Gaussian



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	5.47	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:33:33 下午 十二月 18, 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 21.80 dBm
43.71 % at 0dB

10.0 % 2.90 dB
1.0 % 4.80 dB
0.1 % 5.47 dB
0.01 % 5.71 dB
0.001 % 5.83 dB
0.0001 % 5.87 dB
Peak 5.94 dB
27.74 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

1.53. 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	6.3	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:33:37 下午 十二月 18, 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
20.70 dBm
43.59 % at 0dB

10.0 % 2.87 dB
1.0 % 5.04 dB
0.1 % 6.30 dB
0.01 % 7.07 dB
0.001 % 7.38 dB
0.0001 % 7.48 dB
Peak 7.48 dB
28.18 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	6.23	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

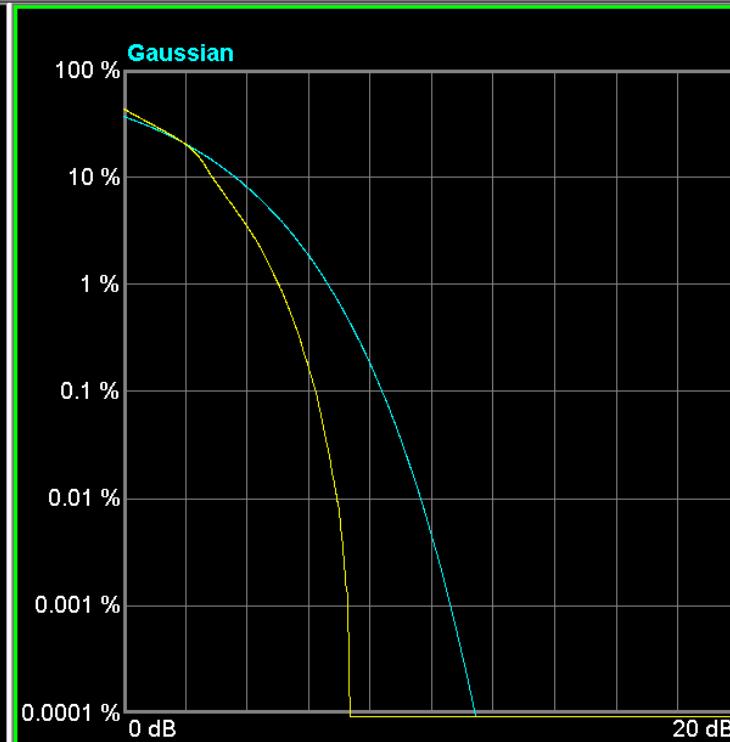
RL RF 50 Ω AC INT REF ALIGN OFF 01:33:41 下午 十二月 18, 2018

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
20.66 dBm
43.51 % at 0dB

10.0 % 2.87 dB
1.0 % 5.03 dB
0.1 % 6.23 dB
0.01 % 6.92 dB
0.001 % 7.27 dB
0.0001 % 7.34 dB
Peak 7.37 dB
28.03 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	6.23	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

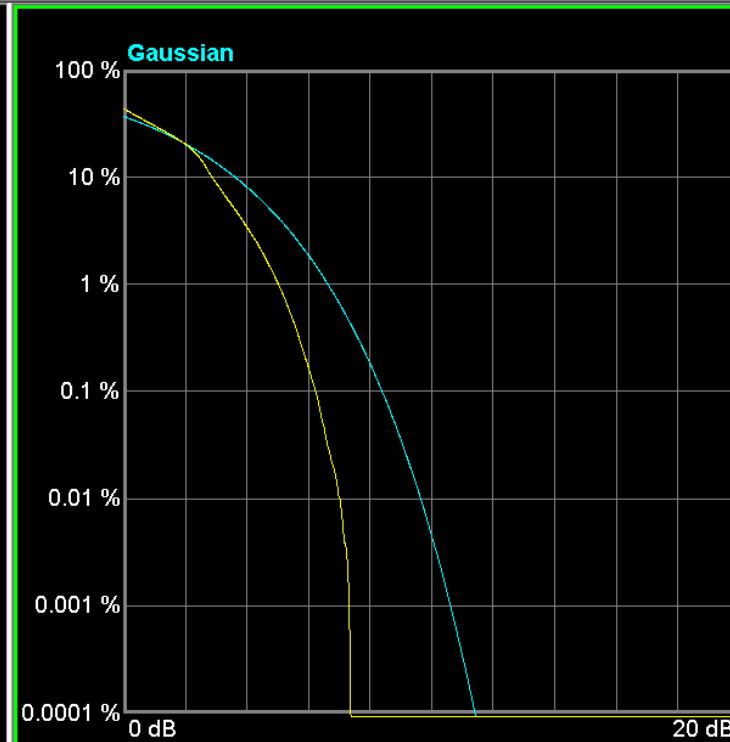
RL RF 50 Ω AC INT REF ALIGN OFF 01:33:45 下午 十二月 18, 2018

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
20.67 dBm
43.76 % at 0dB

10.0 % 2.87 dB
1.0 % 5.03 dB
0.1 % 6.23 dB
0.01 % 7.01 dB
0.001 % 7.32 dB
0.0001 % 7.37 dB
Peak 7.37 dB
28.04 dBm

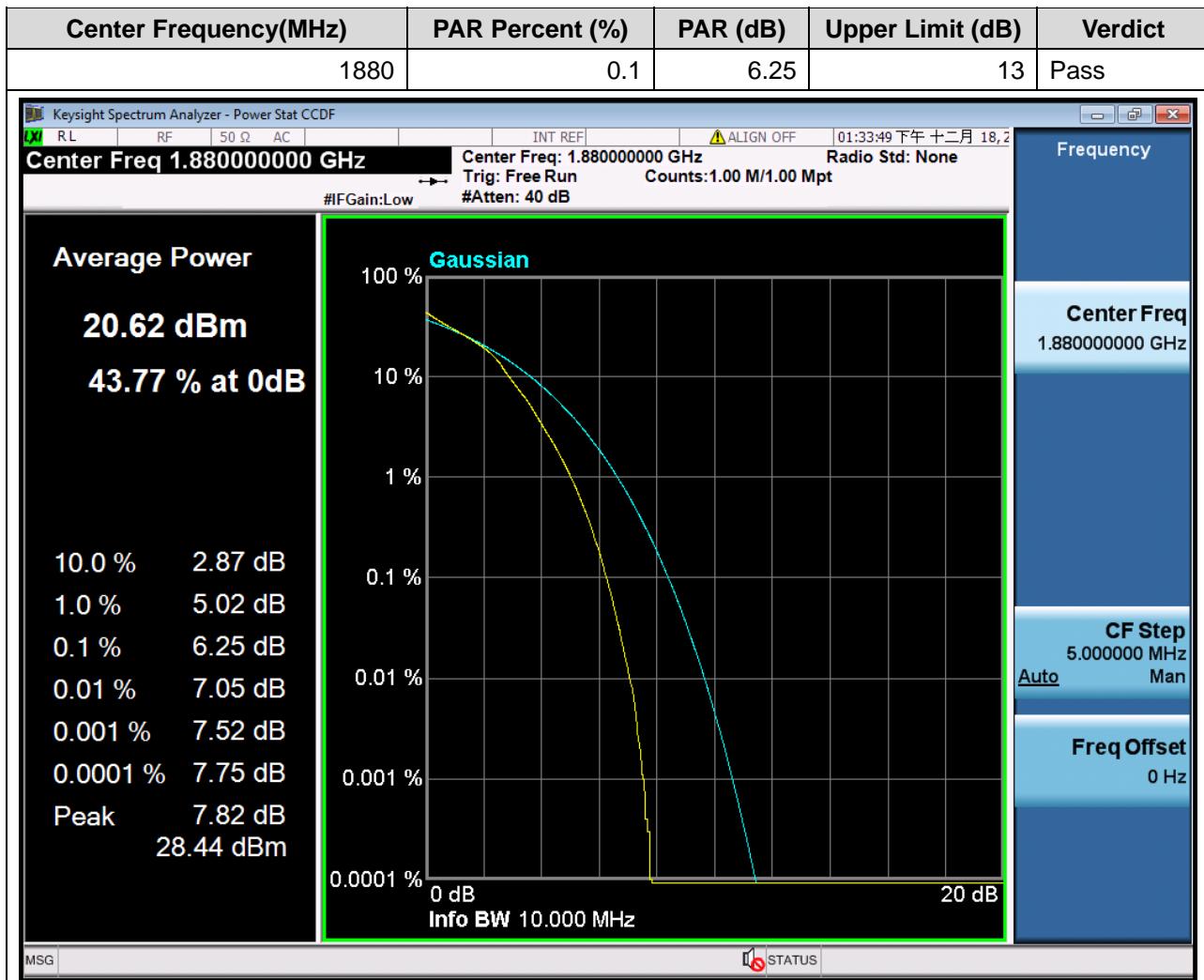
Gaussian



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

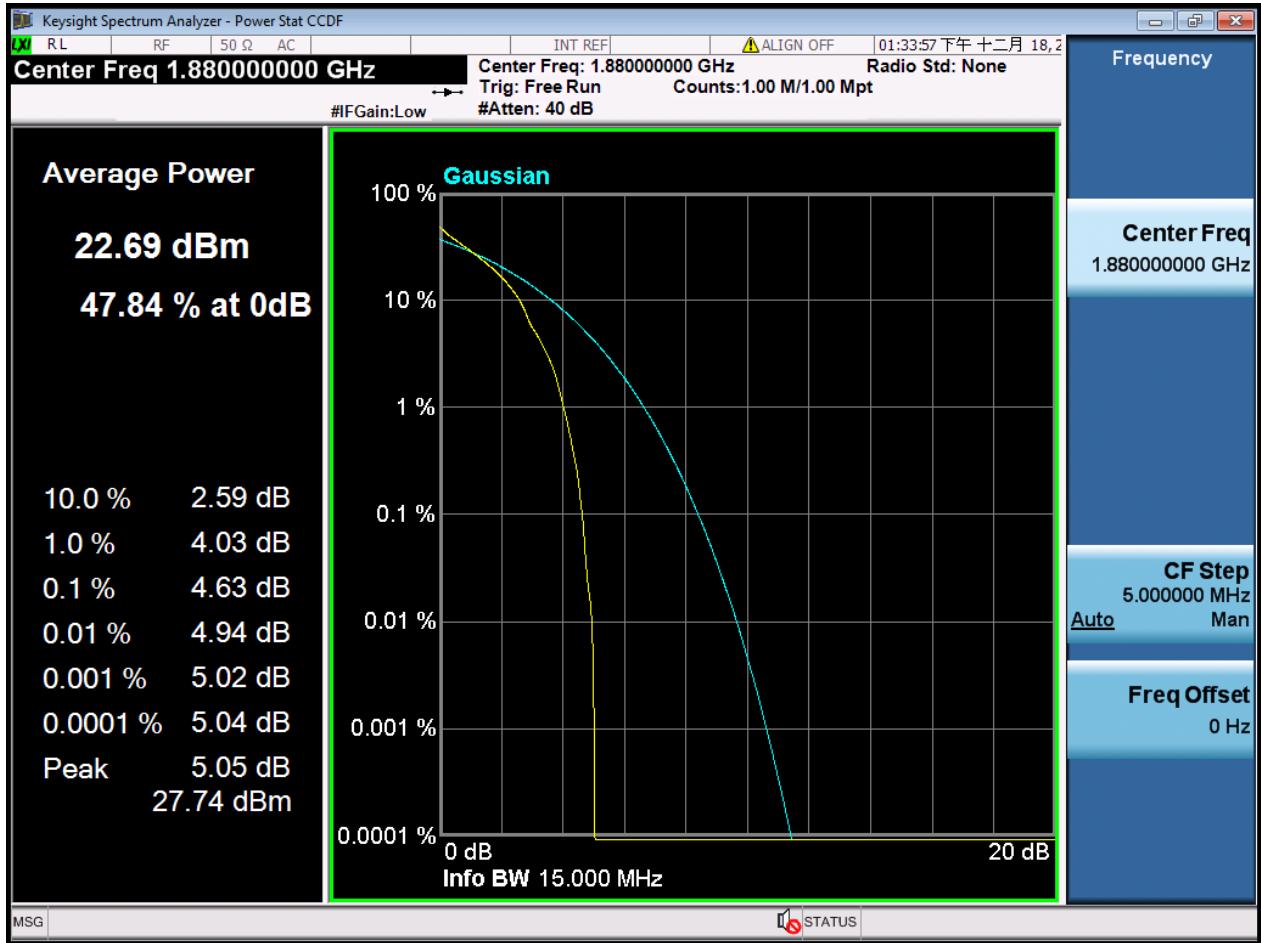
MSG STATUS

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



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	4.63	13	Pass



Average Power
22.69 dBm
47.84 % at 0dB

10.0 %	2.59 dB
1.0 %	4.03 dB
0.1 %	4.63 dB
0.01 %	4.94 dB
0.001 %	5.02 dB
0.0001 %	5.04 dB
Peak	5.05 dB
	27.74 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

1.58. 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	4.46	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:01 下午 十二月 18, 2018

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

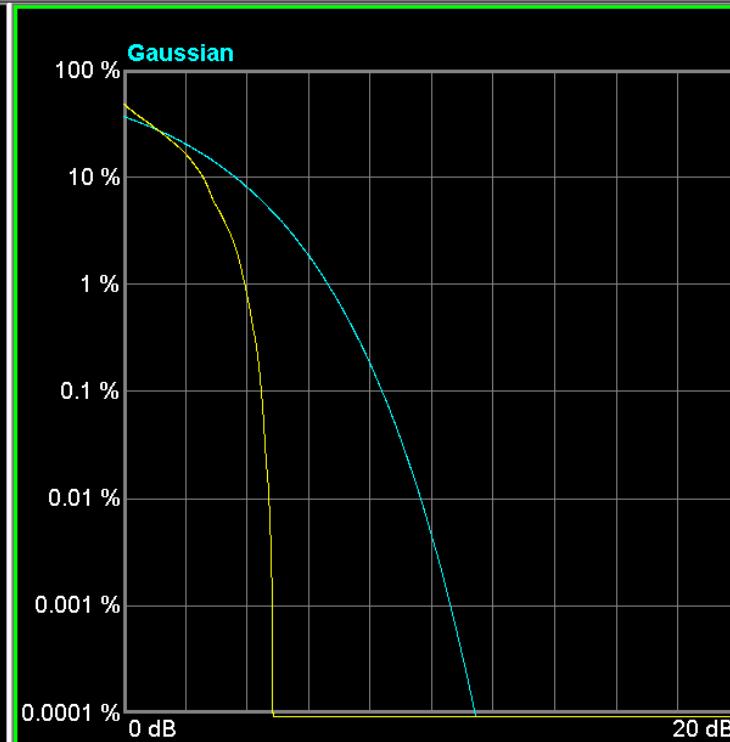
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.63 dBm
48.39 % at 0dB

10.0 % 2.57 dB
1.0 % 3.93 dB
0.1 % 4.46 dB
0.01 % 4.72 dB
0.001 % 4.82 dB
0.0001 % 4.84 dB
Peak 4.86 dB
27.49 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	4.48	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:05 下午 十二月 18, 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 22.66 dBm
48.39 % at 0dB

10.0 % 2.55 dB
1.0 % 3.89 dB
0.1 % 4.48 dB
0.01 % 4.78 dB
0.001 % 4.83 dB
0.0001 % 4.86 dB
Peak 4.87 dB
27.53 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

1.60. 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	5.41	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:09 下午 十二月 18, 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 21.74 dBm
44.47 % at 0dB

10.0 % 2.53 dB
1.0 % 4.51 dB
0.1 % 5.41 dB
0.01 % 5.96 dB
0.001 % 6.49 dB
0.0001 % 6.64 dB
Peak 6.66 dB
28.40 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

1.61. 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	5.34	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:13 下午 十二月 18, 2013

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 21.70 dBm
44.66 % at 0dB

10.0 % 2.55 dB
1.0 % 4.47 dB
0.1 % 5.34 dB
0.01 % 5.84 dB
0.001 % 6.18 dB
0.0001 % 6.37 dB
Peak 6.41 dB
28.11 dBm

Gaussian



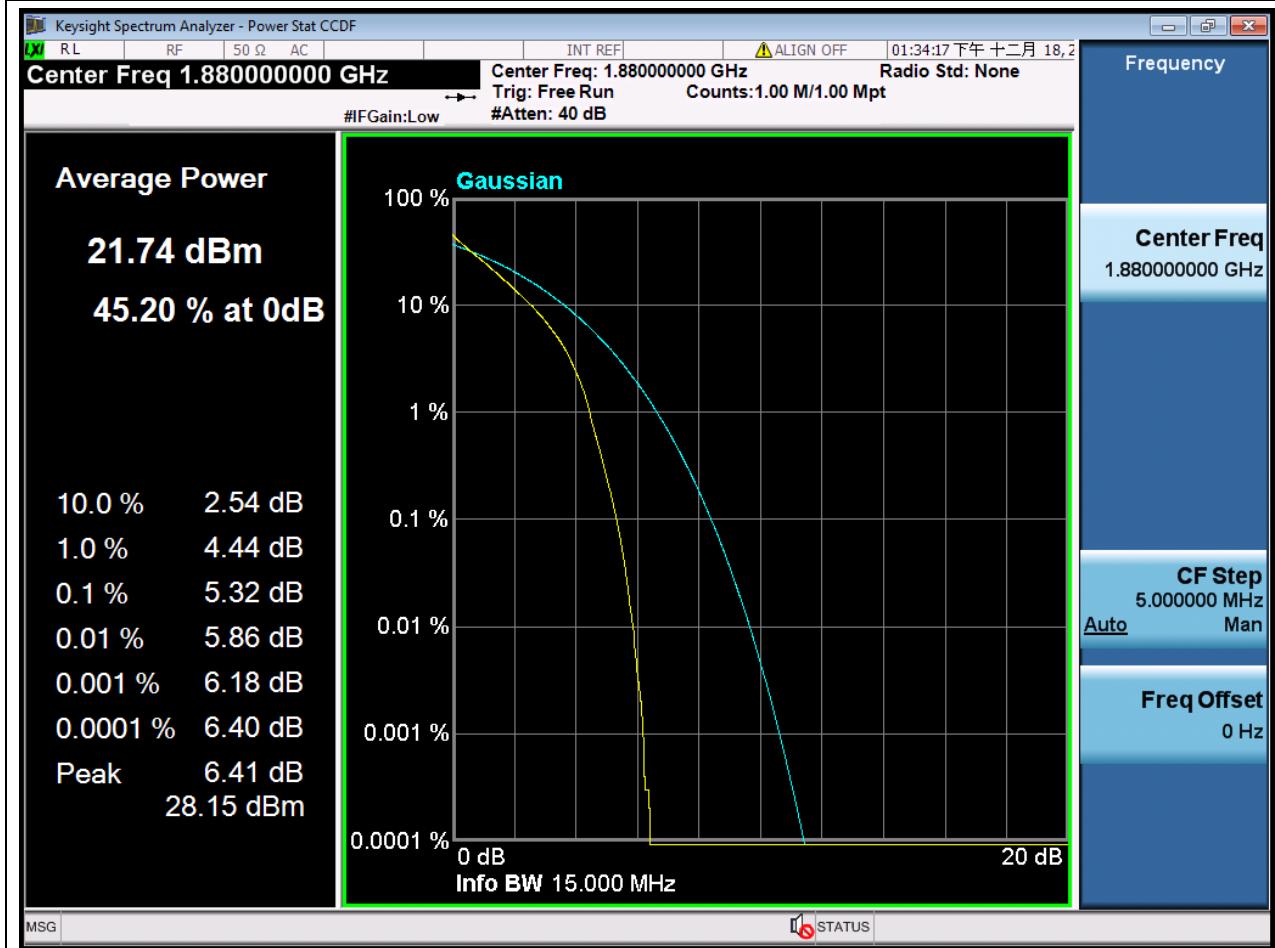
0.0001 % 0 dB 20 dB Info BW 15.000 MHz

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

MSG STATUS

1.62. 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	5.32	13	Pass



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.85	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:22 下午 十二月 18, 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 21.76 dBm
45.13 % at 0dB

10.0 % 2.49 dB
1.0 % 4.71 dB
0.1 % 5.85 dB
0.01 % 6.29 dB
0.001 % 6.81 dB
0.0001 % 7.03 dB
Peak 7.06 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

1.64. 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	5.76	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:27 下午 十二月 18, 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
43.34 % at 0dB

10.0 % 2.93 dB
1.0 % 4.99 dB
0.1 % 5.76 dB
0.01 % 5.97 dB
0.001 % 6.01 dB
0.0001 % 6.02 dB
Peak 6.11 dB
28.03 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

1.65. 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	5.54	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:31 下午 十二月 18, 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 21.84 dBm
43.26 % at 0dB

10.0 % 2.93 dB
1.0 % 4.89 dB
0.1 % 5.54 dB
0.01 % 5.76 dB
0.001 % 5.87 dB
0.0001 % 5.90 dB
Peak 5.97 dB
27.81 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

1.66. 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	5.34	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:35 下午 十二月 18, 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
43.97 % at 0dB

10.0 % 2.90 dB
1.0 % 4.71 dB
0.1 % 5.34 dB
0.01 % 5.57 dB
0.001 % 5.63 dB
0.0001 % 5.65 dB
Peak 5.74 dB
27.63 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	6.23	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:39 下午 十二月 18, 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
20.74 dBm
42.35 % at 0dB

10.0 % 3.04 dB
1.0 % 5.06 dB
0.1 % 6.23 dB
0.01 % 7.04 dB
0.001 % 7.49 dB
0.0001 % 7.59 dB
Peak 7.59 dB
28.33 dBm

Gaussian



Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz
Auto Man
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	6.17	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:43 下午 十二月 18, 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
20.67 dBm
42.43 % at 0dB

10.0 % 3.05 dB
1.0 % 5.05 dB
0.1 % 6.17 dB
0.01 % 6.91 dB
0.001 % 7.28 dB
0.0001 % 7.45 dB
Peak 7.46 dB
28.13 dBm

Gaussian



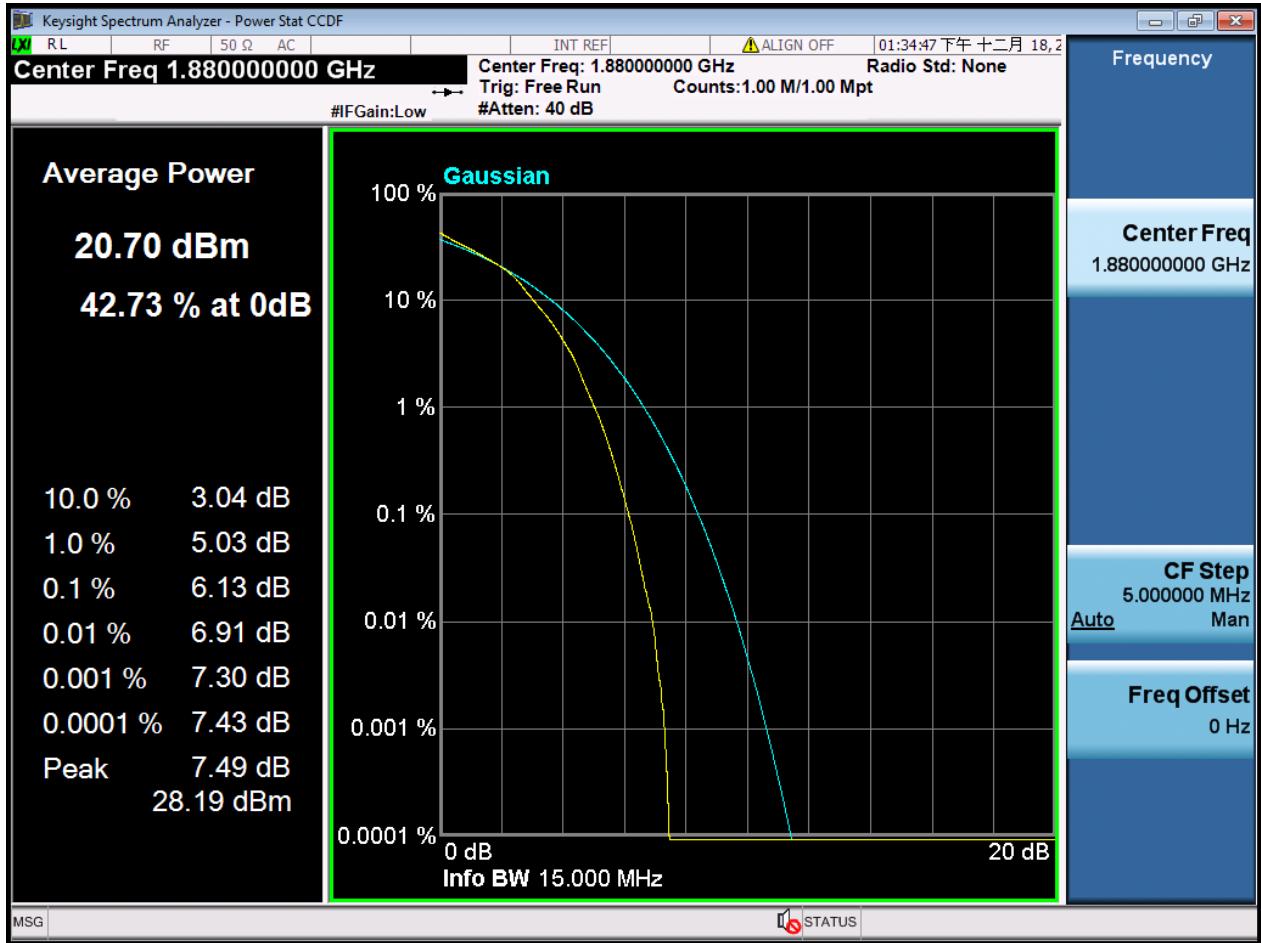
0.0001 % 0 dB 20 dB
Info BW 15.000 MHz

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

MSG STATUS

1.69. 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	6.13	13	Pass



Average Power
20.70 dBm
42.73 % at 0dB

10.0 %	3.04 dB
1.0 %	5.03 dB
0.1 %	6.13 dB
0.01 %	6.91 dB
0.001 %	7.30 dB
0.0001 %	7.43 dB
Peak	7.49 dB
	28.19 dBm

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:34:51 下午 十二月 18, 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
20.76 dBm
42.91 % at 0dB

10.0 % 2.97 dB
1.0 % 5.23 dB
0.1 % 6.36 dB
0.01 % 7.07 dB
0.001 % 7.62 dB
0.0001 % 7.87 dB
Peak 8.03 dB
28.79 dBm

Gaussian



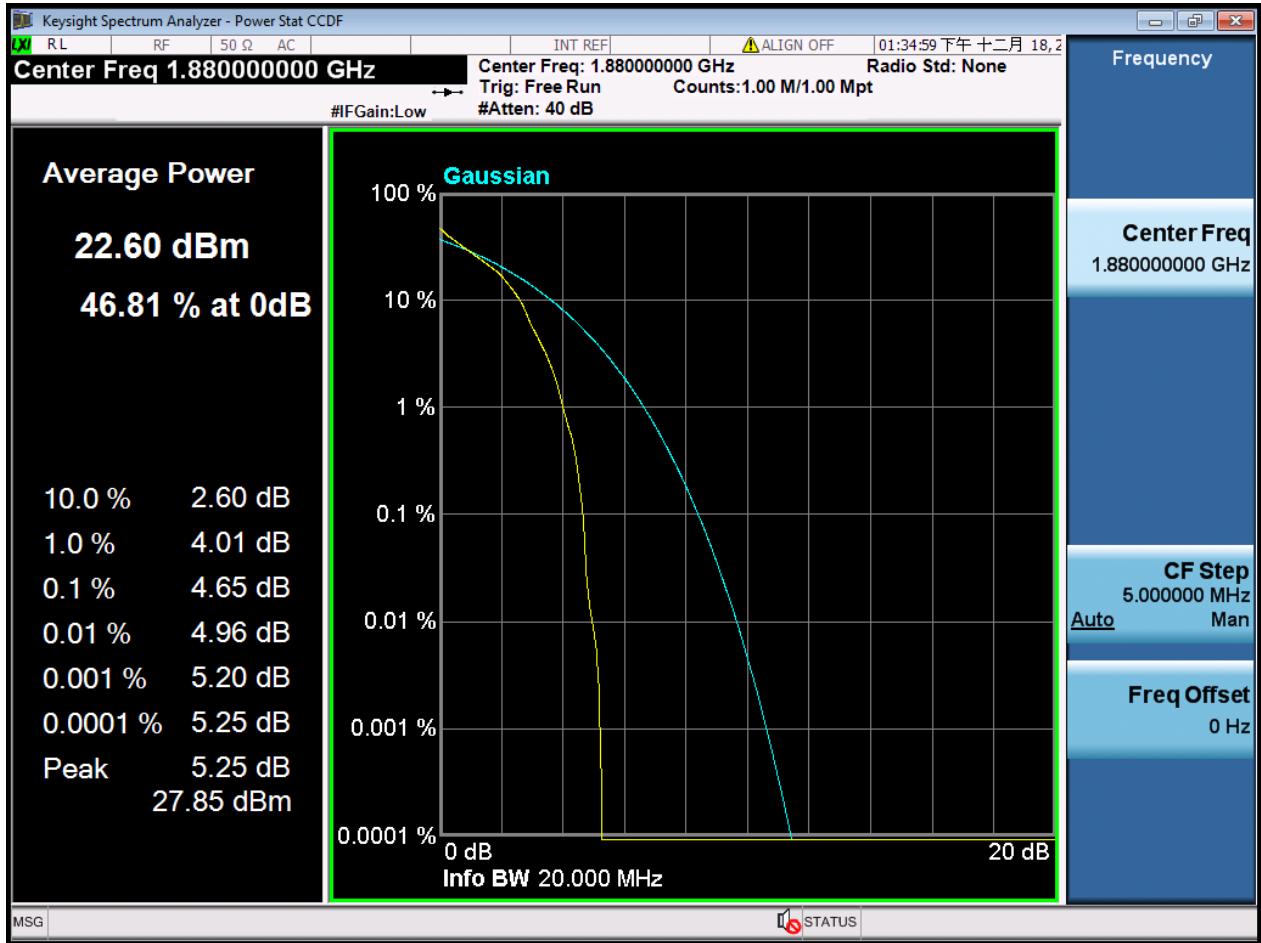
0.0001 % 0 dB 20 dB
Info BW 15.000 MHz

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

MSG STATUS

1.71. 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	4.65	13	Pass



Average Power
22.60 dBm
46.81 % at 0dB

10.0 %	2.60 dB
1.0 %	4.01 dB
0.1 %	4.65 dB
0.01 %	4.96 dB
0.001 %	5.20 dB
0.0001 %	5.25 dB
Peak	5.25 dB
	27.85 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

Gaussian

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

0 dB 20 dB

Info BW 20.000 MHz

MSG STATUS

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

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.35	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:03 下午 十二月 18, 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
22.74 dBm
48.20 % at 0dB

10.0 % 2.53 dB
1.0 % 3.82 dB
0.1 % 4.35 dB
0.01 % 4.70 dB
0.001 % 4.80 dB
0.0001 % 4.83 dB
Peak 4.84 dB
27.58 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

1.73. 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	4.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:07 下午 十二月 18, 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 22.50 dBm
48.40 % at 0dB

10.0 % 2.52 dB
1.0 % 3.77 dB
0.1 % 4.36 dB
0.01 % 4.65 dB
0.001 % 4.85 dB
0.0001 % 4.86 dB
Peak 4.87 dB
27.37 dBm

Gaussian



Info BW 20.000 MHz

Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz Man
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	5.41	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:11 下午 十二月 18, 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 21.73 dBm
45.85 % at 0dB

10.0 % 2.36 dB
1.0 % 4.38 dB
0.1 % 5.41 dB
0.01 % 6.05 dB
0.001 % 6.42 dB
0.0001 % 6.88 dB
Peak 6.91 dB
28.64 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	5.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:15 下午 十二月 18, 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 21.69 dBm
45.71 % at 0dB

10.0 % 2.37 dB
1.0 % 4.37 dB
0.1 % 5.36 dB
0.01 % 5.96 dB
0.001 % 6.44 dB
0.0001 % 6.76 dB
Peak 6.78 dB
28.47 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

1.76. 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	5.28	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:19 下午 十二月 18, 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
21.71 dBm
46.23 % at 0dB

10.0 % 2.34 dB
1.0 % 4.28 dB
0.1 % 5.28 dB
0.01 % 5.92 dB
0.001 % 6.57 dB
0.0001 % 6.73 dB
Peak 6.74 dB
28.45 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

1.77. 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	5.56	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:23 下午 十二月 18, 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 21.70 dBm
46.23 % at 0dB

10.0 % 2.35 dB
1.0 % 4.42 dB
0.1 % 5.56 dB
0.01 % 6.26 dB
0.001 % 6.68 dB
0.0001 % 7.20 dB
Peak 7.29 dB
28.99 dBm

Gaussian



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	5.67	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:27 下午 十二月 18, 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
21.94 dBm
43.64 % at 0dB

10.0 % 2.82 dB
1.0 % 4.87 dB
0.1 % 5.67 dB
0.01 % 6.05 dB
0.001 % 6.15 dB
0.0001 % 6.18 dB
Peak 6.25 dB
28.19 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 20.000 MHz

Frequency
Center Freq 1.880000000 GHz
CF Step 5.000000 MHz
Auto Man
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	5.39	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:31 下午 十二月 18, 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
22.09 dBm
43.97 % at 0dB

10.0 % 2.81 dB
1.0 % 4.72 dB
0.1 % 5.39 dB
0.01 % 5.63 dB
0.001 % 5.70 dB
0.0001 % 5.72 dB
Peak 5.75 dB
27.84 dBm

Gaussian



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

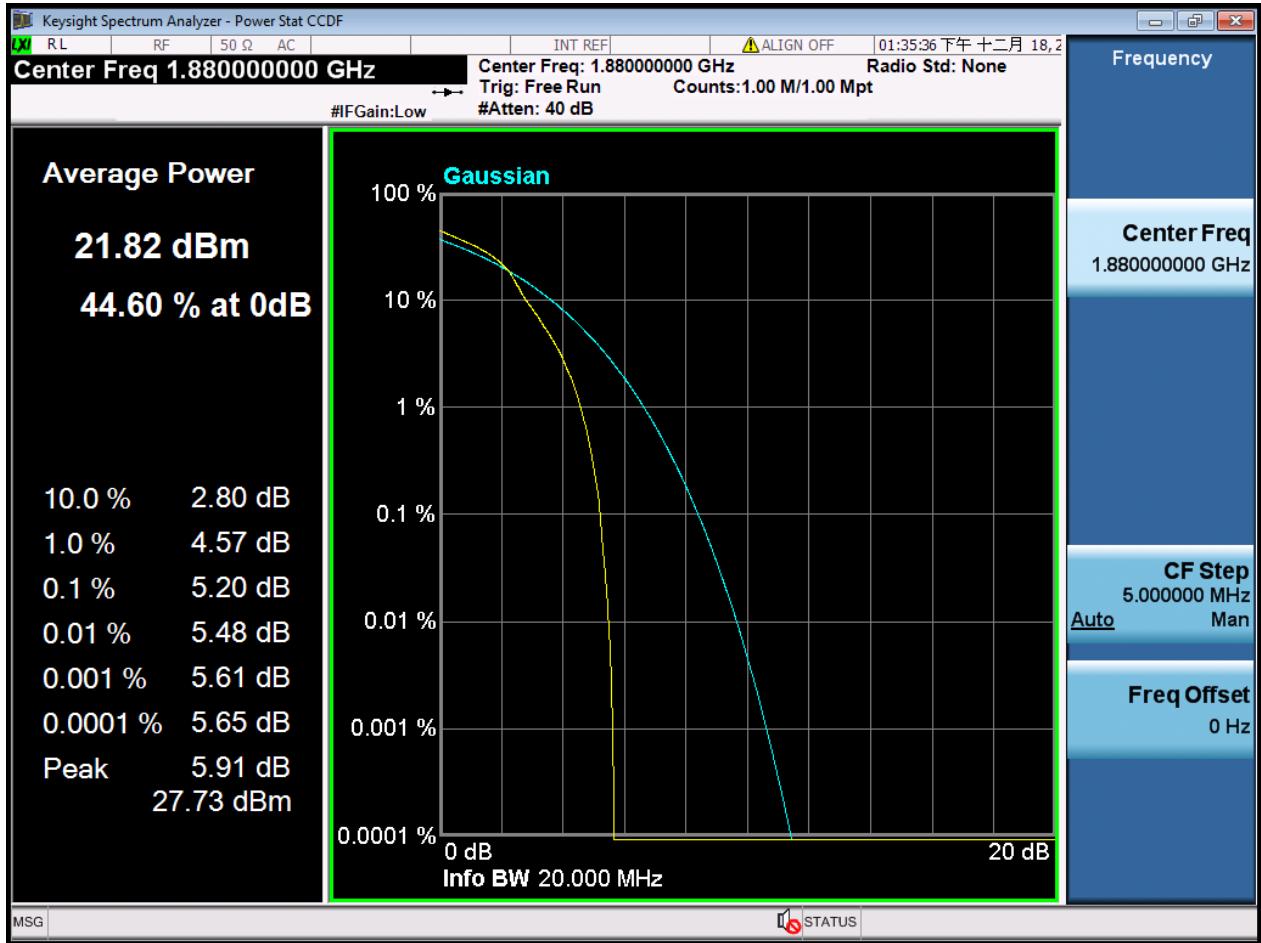
0 dB 20 dB Info BW 20.000 MHz

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	5.2	13	Pass



Average Power
21.82 dBm
44.60 % at 0dB

10.0 %	2.80 dB
1.0 %	4.57 dB
0.1 %	5.20 dB
0.01 %	5.48 dB
0.001 %	5.61 dB
0.0001 %	5.65 dB
Peak	5.91 dB
	27.73 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 20.000 MHz

MSG STATUS

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

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	6.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:40 下午 十二月 18, 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
20.78 dBm
43.35 % at 0dB

10.0 % 2.89 dB
1.0 % 5.03 dB
0.1 % 6.22 dB
0.01 % 6.83 dB
0.001 % 7.22 dB
0.0001 % 7.43 dB
Peak 7.46 dB
28.24 dBm

Gaussian

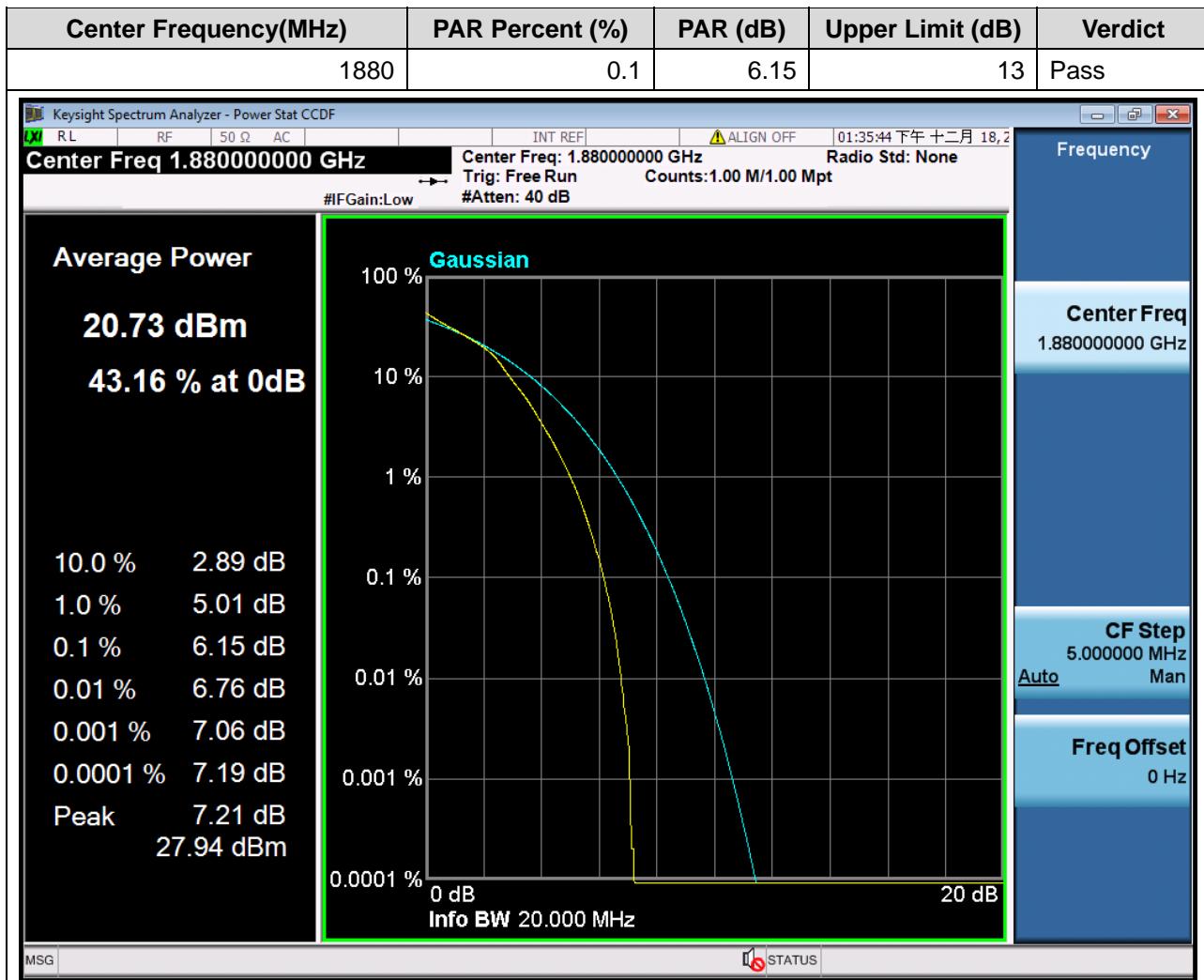


0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

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



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	6.06	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:35:48 下午 十二月 18, 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
20.77 dBm
43.77 % at 0dB

10.0 % 2.89 dB
1.0 % 4.96 dB
0.1 % 6.06 dB
0.01 % 6.66 dB
0.001 % 6.99 dB
0.0001 % 7.11 dB
Peak 7.28 dB
28.05 dBm

Gaussian



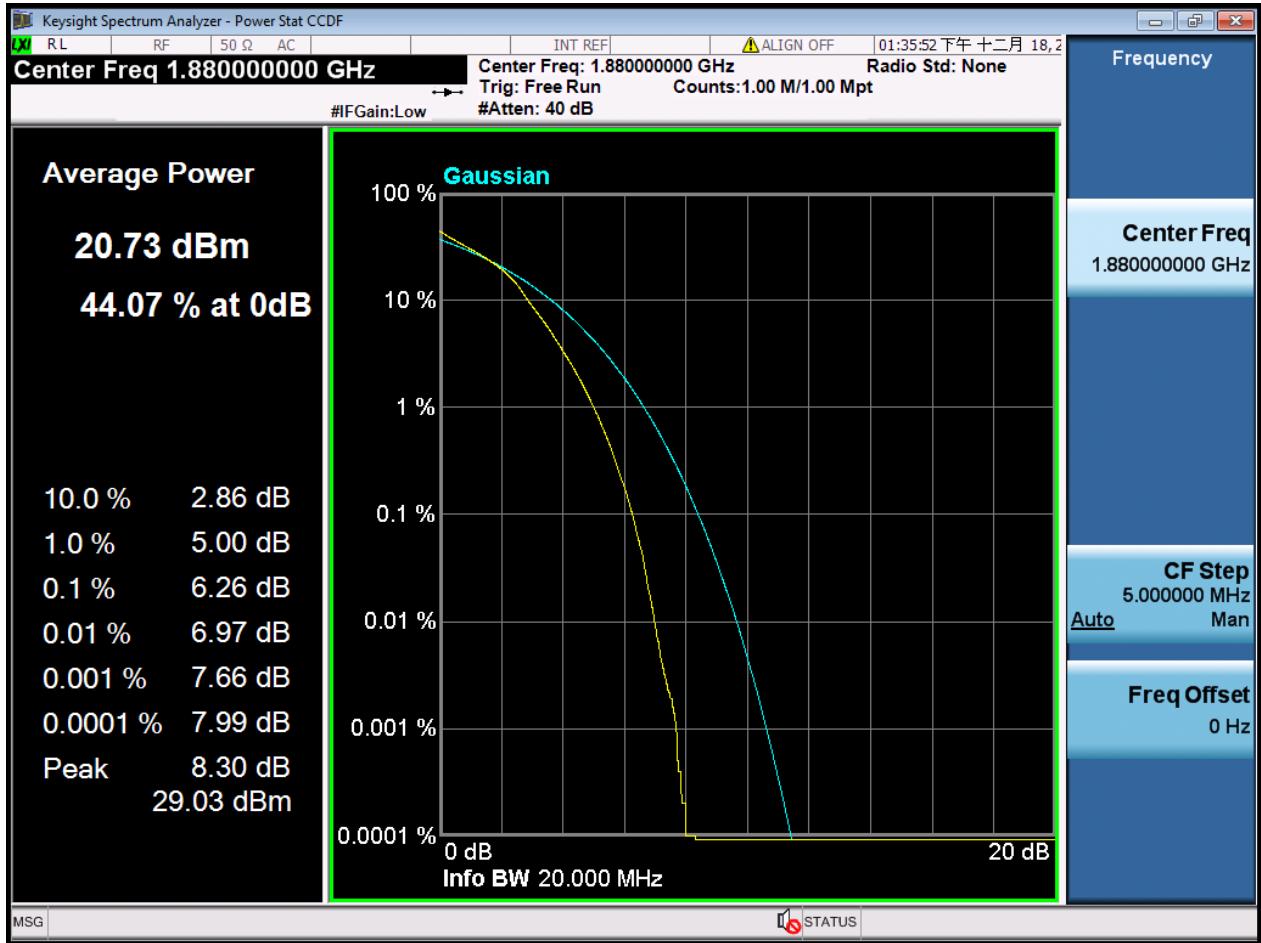
0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

1.84. 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	6.26	13	Pass



Average Power
20.73 dBm
44.07 % at 0dB

10.0 %	2.86 dB
1.0 %	5.00 dB
0.1 %	6.26 dB
0.01 %	6.97 dB
0.001 %	7.66 dB
0.0001 %	7.99 dB
Peak	8.30 dB
	29.03 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

END