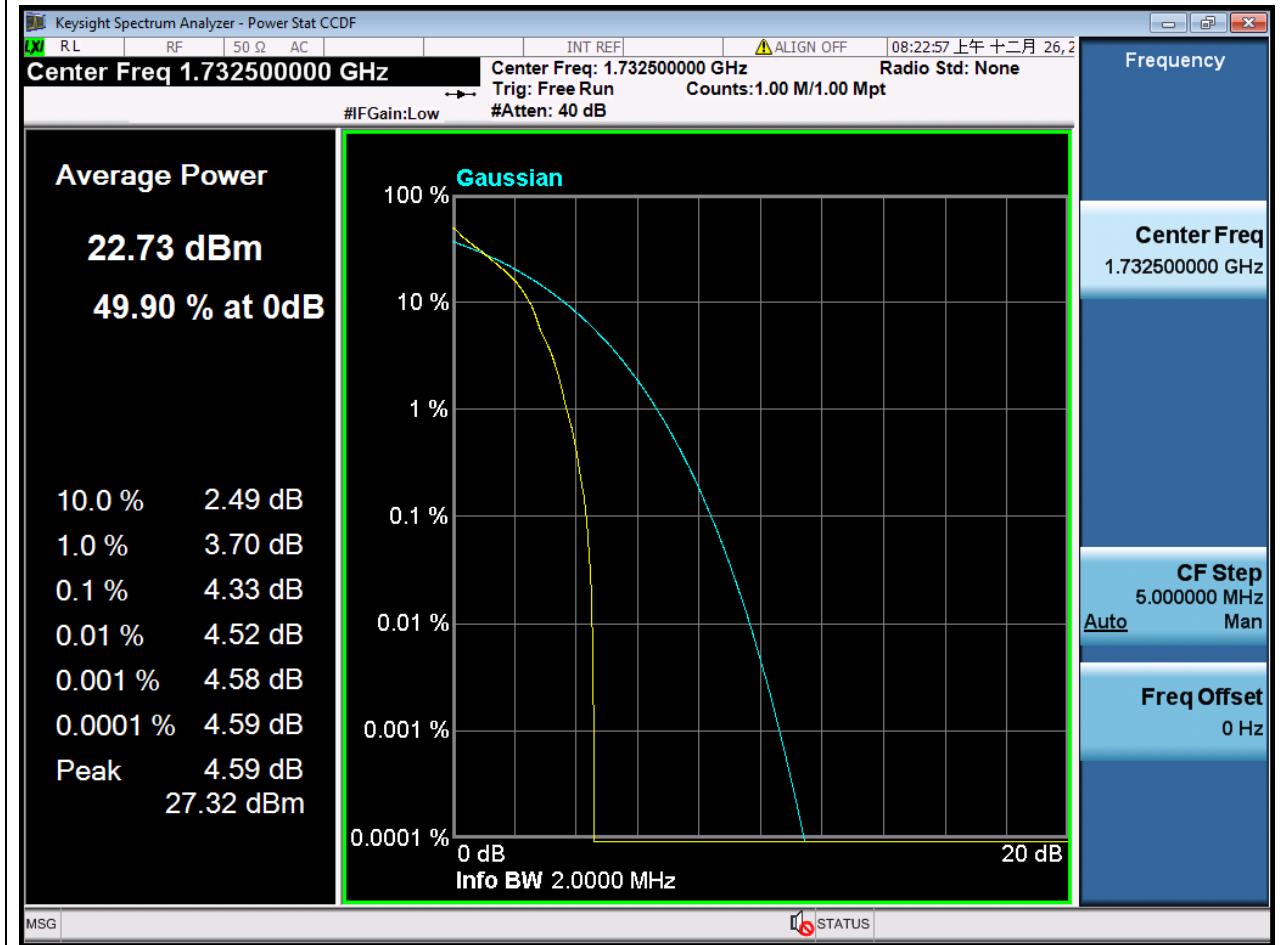


Annex B. LTE Peak to Average Ratio

1. LTE_Band4

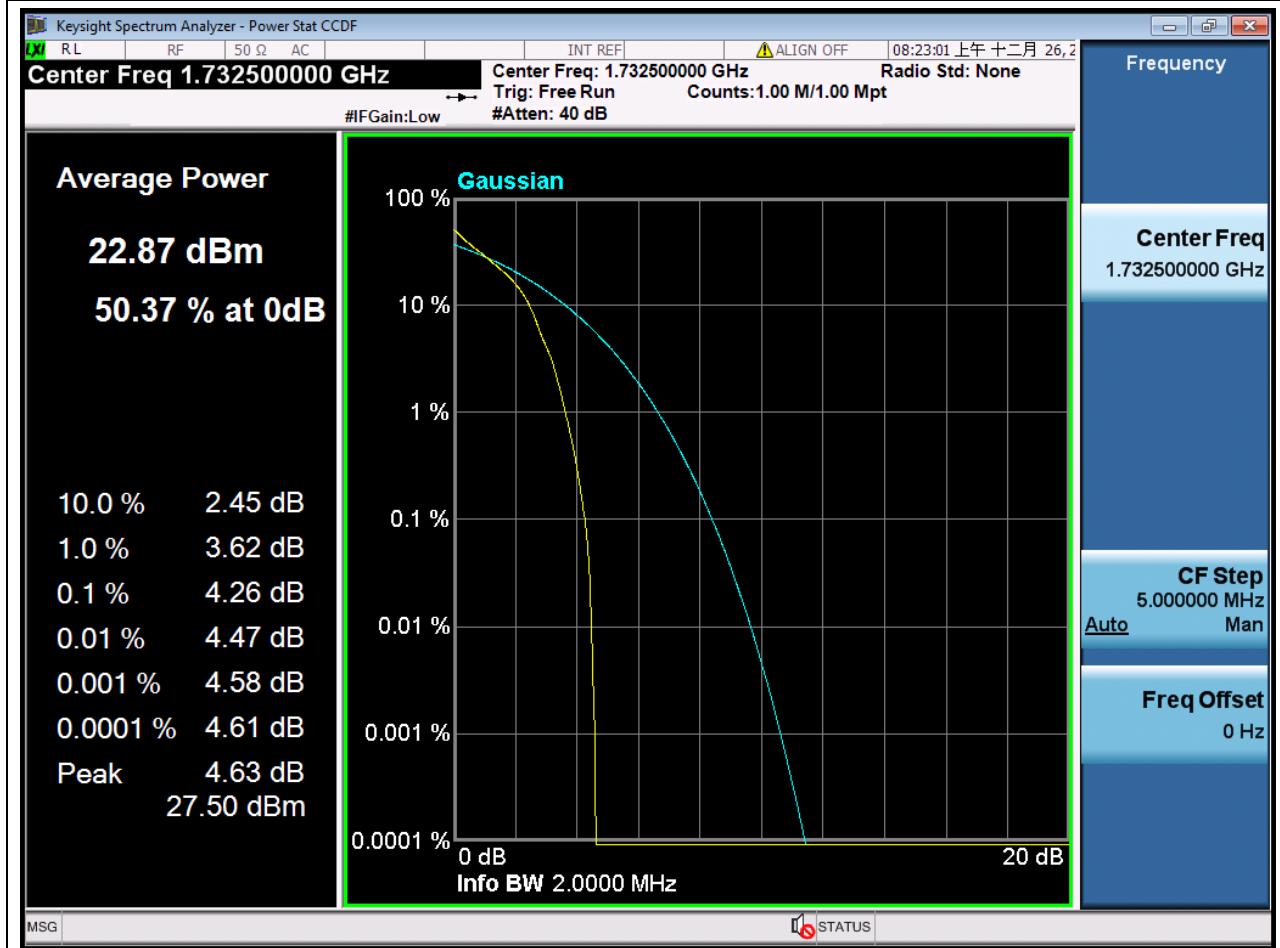
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.33	13	Pass



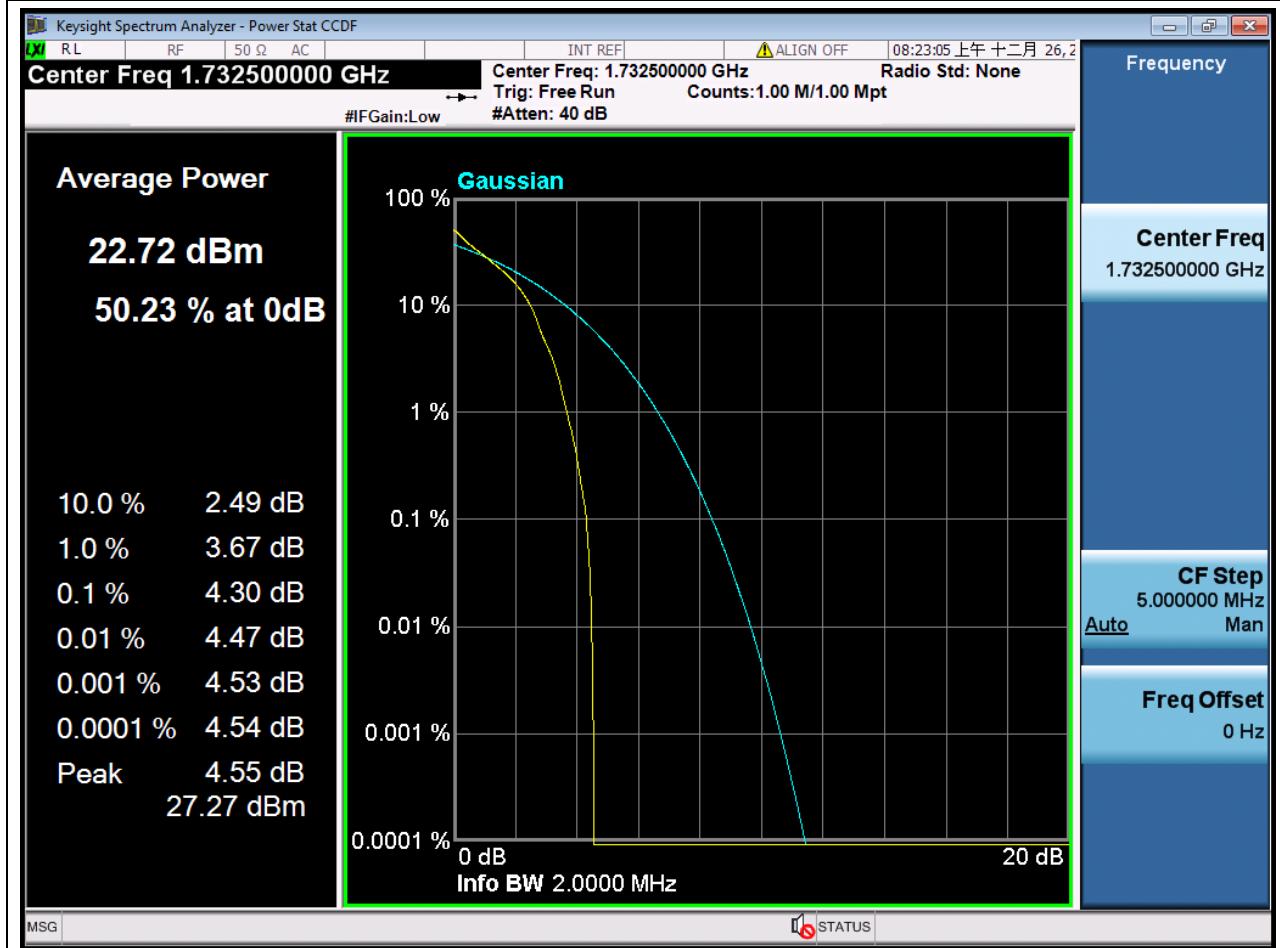
1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.25	13	Pass



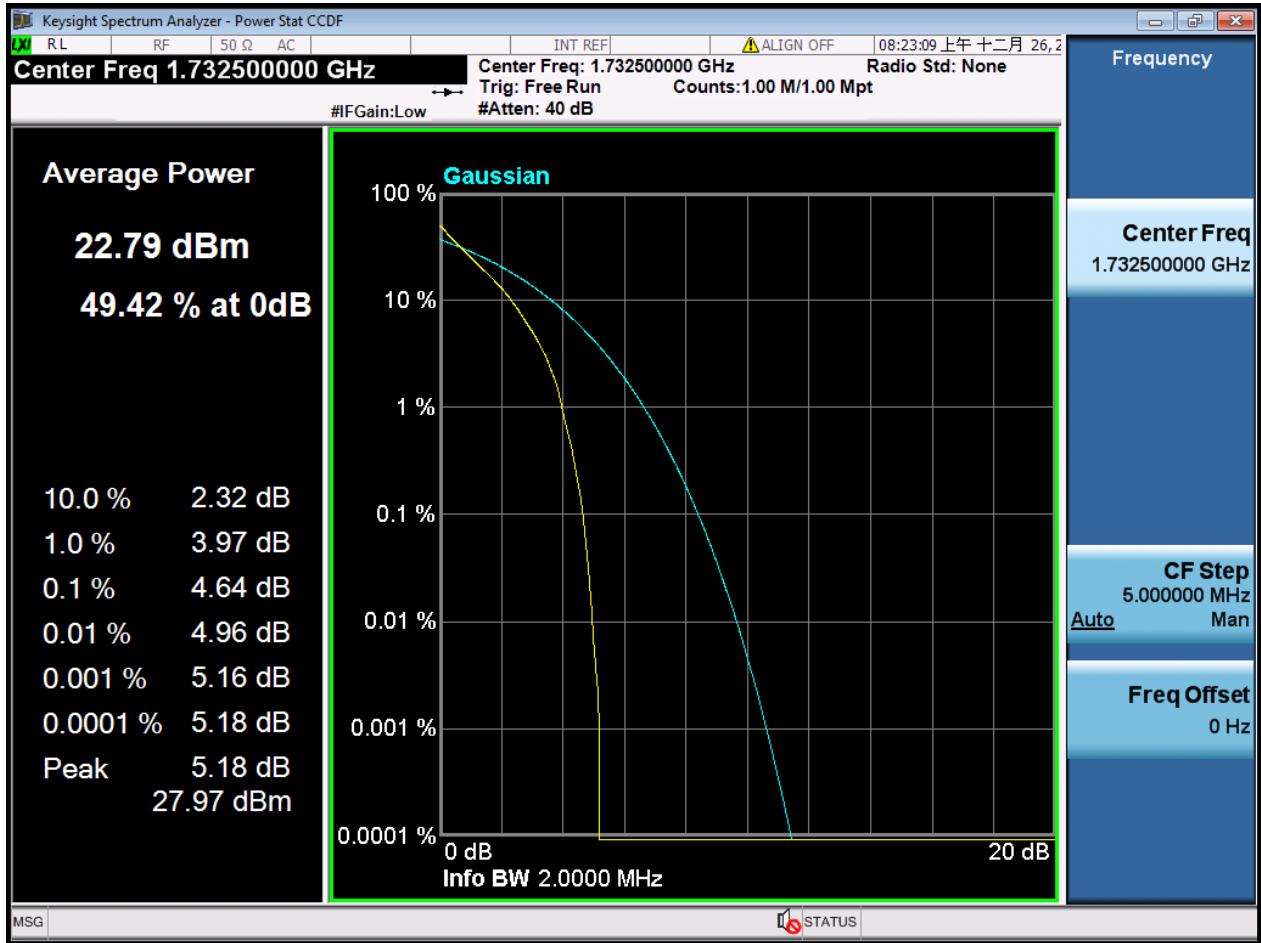
1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.3	13	Pass



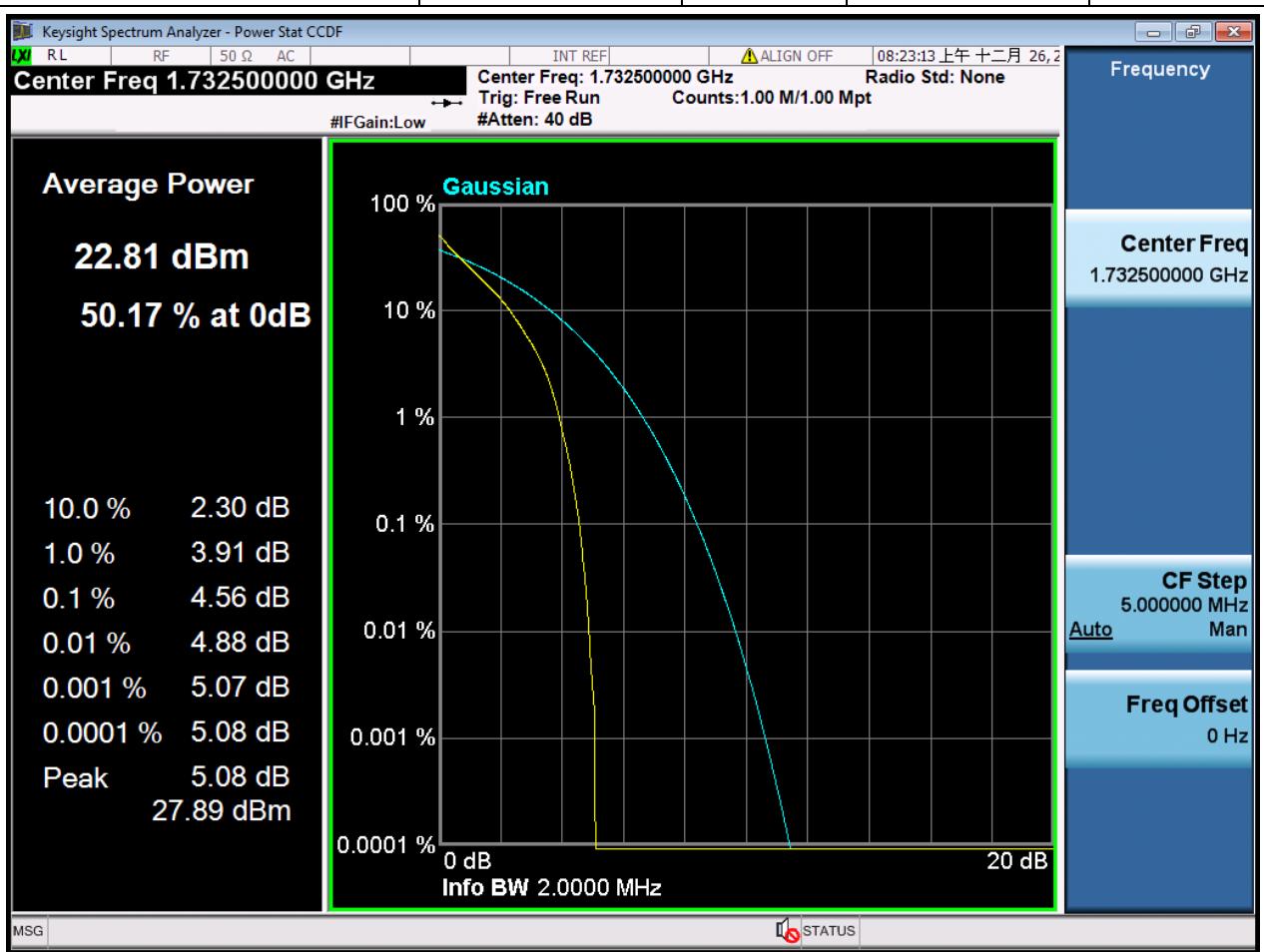
1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.64	13	Pass



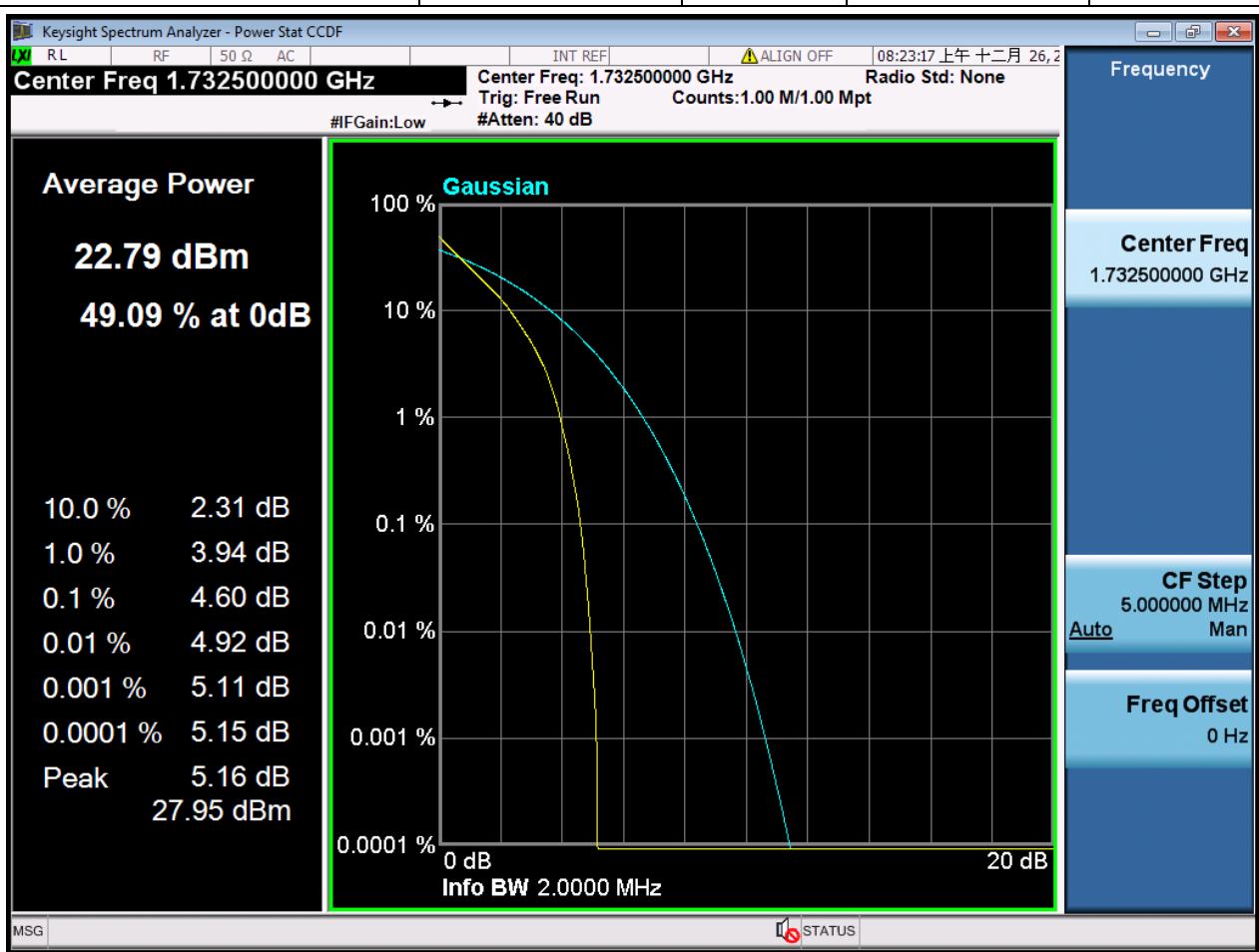
1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.56	13	Pass



1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.6	13	Pass

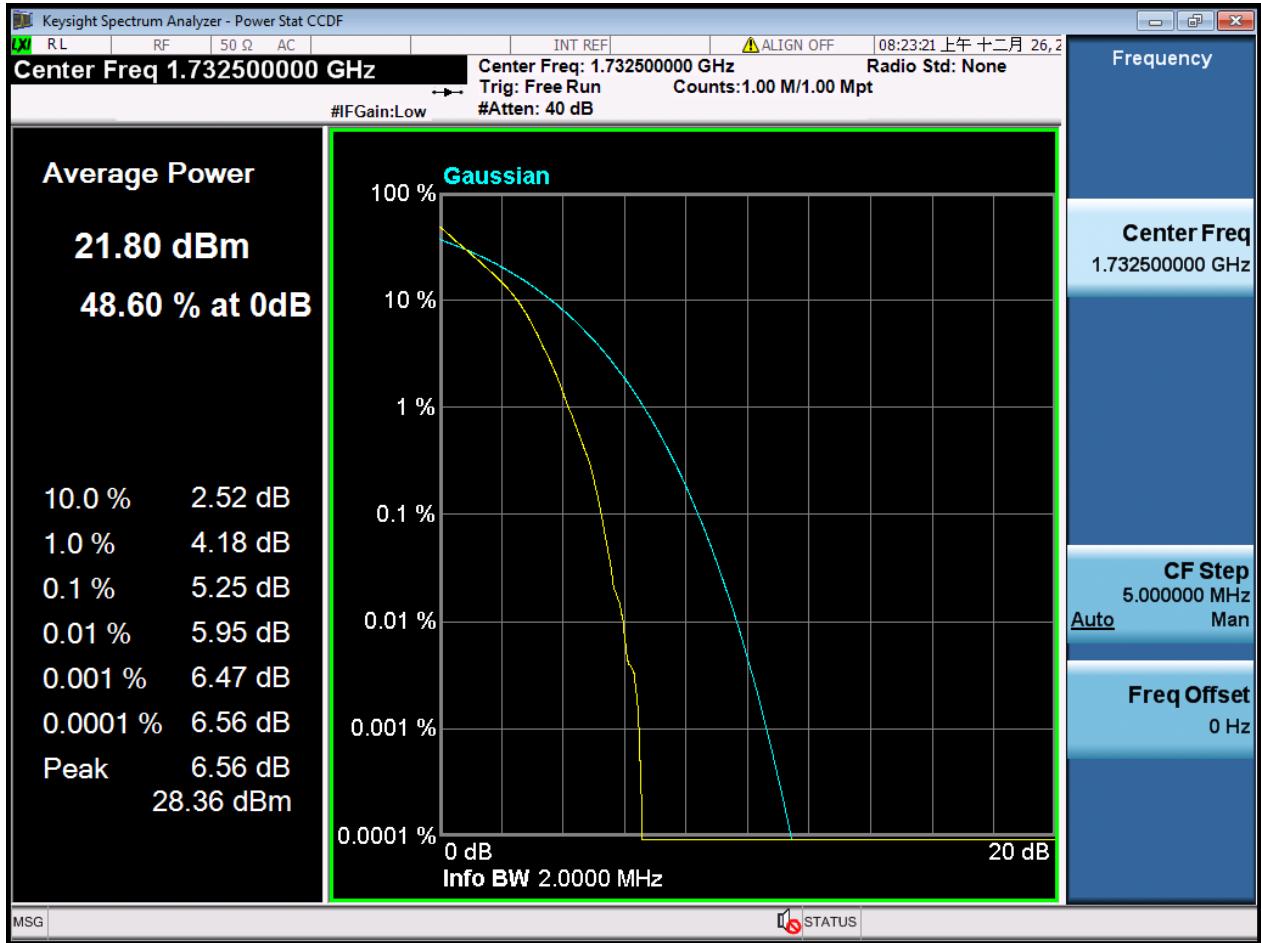


Average Power
22.79 dBm
49.09 % at 0dB

10.0 %	2.31 dB
1.0 %	3.94 dB
0.1 %	4.60 dB
0.01 %	4.92 dB
0.001 %	5.11 dB
0.0001 %	5.15 dB
Peak	5.16 dB
	27.95 dBm

1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.25	13	Pass



Average Power
21.80 dBm
48.60 % at 0dB

10.0 %	2.52 dB
1.0 %	4.18 dB
0.1 %	5.25 dB
0.01 %	5.95 dB
0.001 %	6.47 dB
0.0001 %	6.56 dB
Peak	6.56 dB
	28.36 dBm

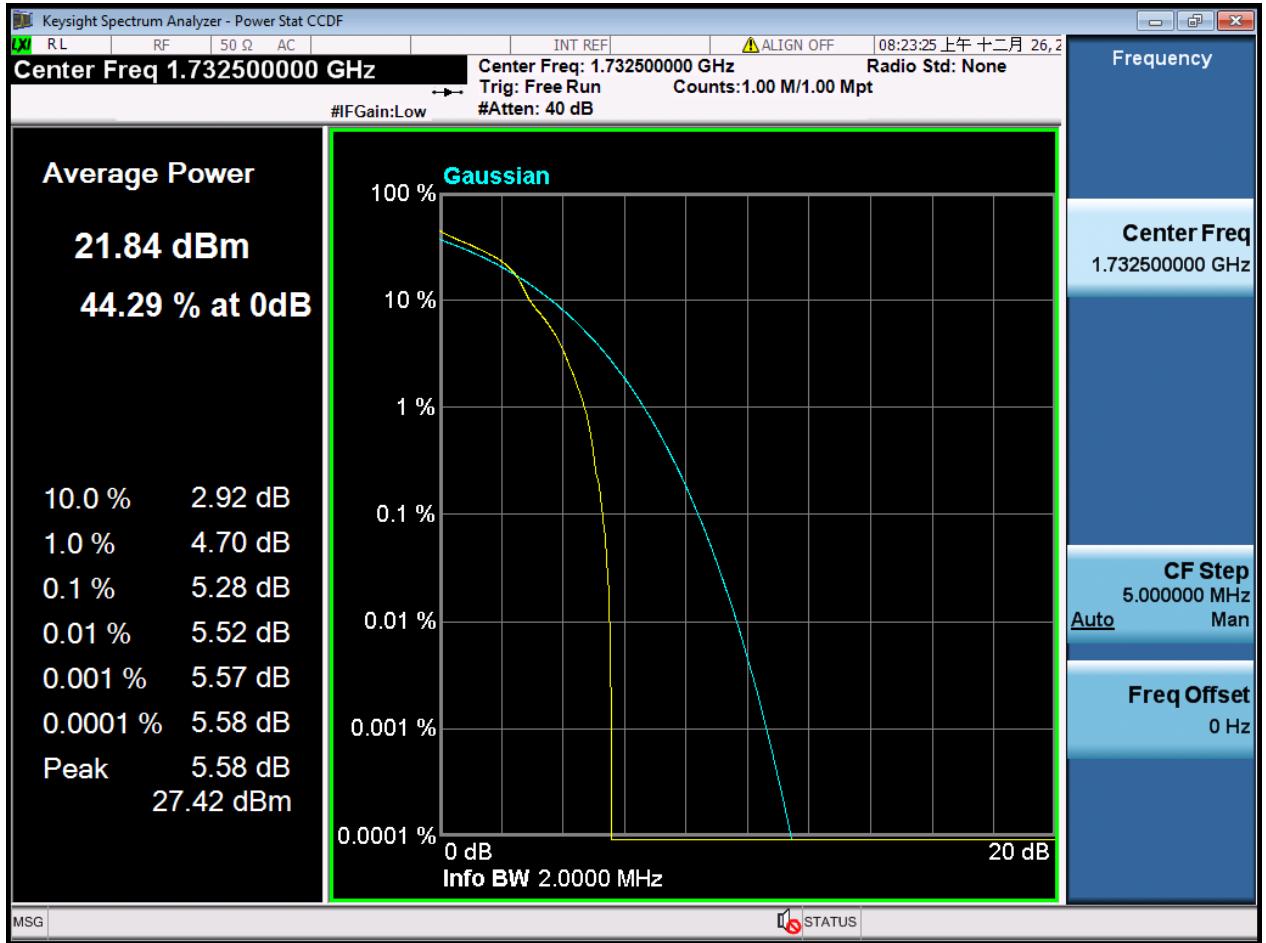
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.28	13	Pass



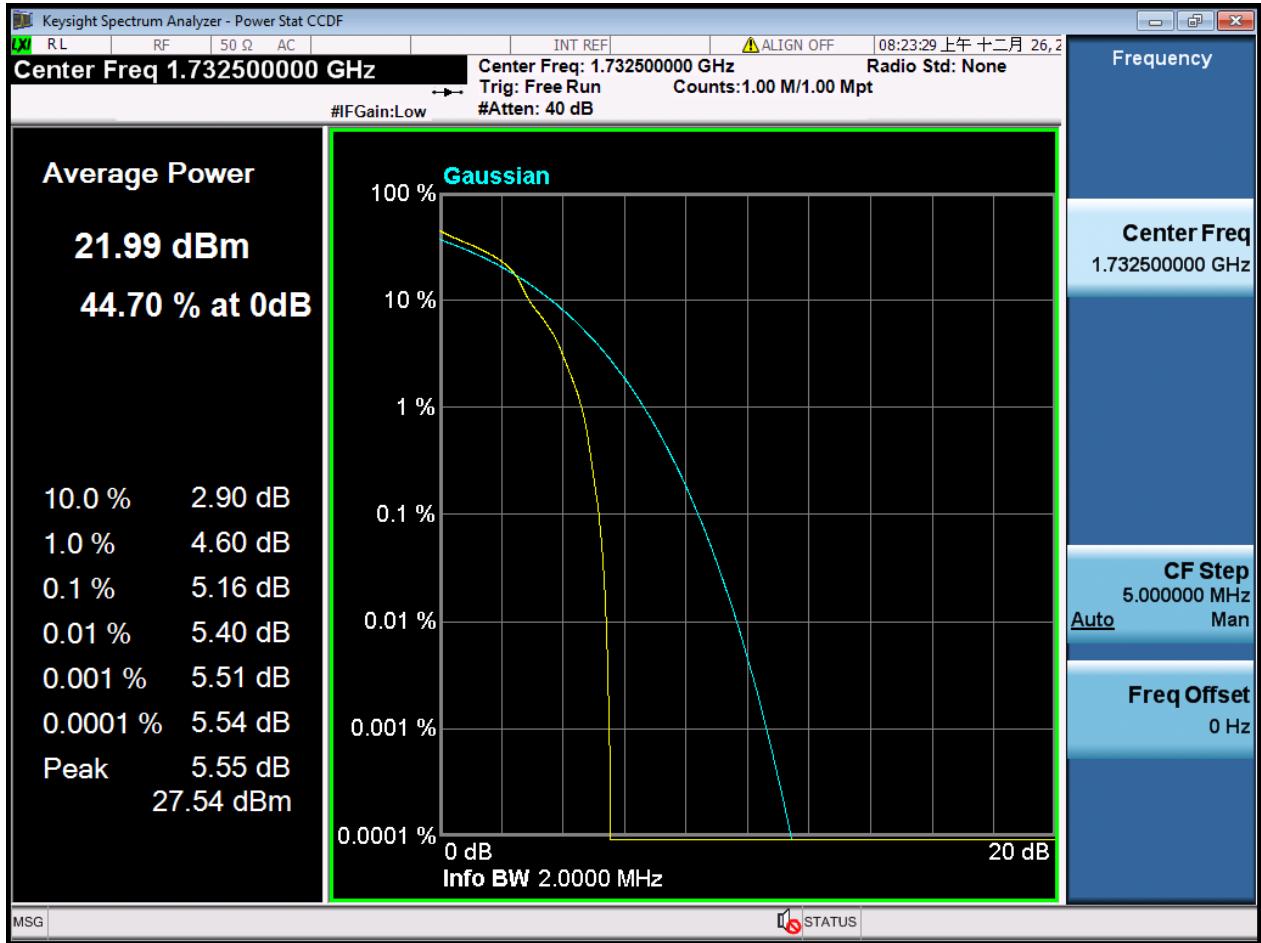
The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- Center Freq:** 1.732500000 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 21.84 dBm
- 44.29 % at 0dB**
- Data Table:**

10.0 %	2.92 dB
1.0 %	4.70 dB
0.1 %	5.28 dB
0.01 %	5.52 dB
0.001 %	5.57 dB
0.0001 %	5.58 dB
Peak	5.58 dB
	27.42 dBm
- Plot:** Gaussian CCDF plot showing Power (%) vs. Level (dB). The x-axis ranges from 0 dB to 20 dB, and the y-axis ranges from 0.0001 % to 100 %. A cyan curve represents the measured data, and a yellow vertical line marks the peak power level.
- CF Step:** 5.000000 MHz
- Freq Offset:** 0 Hz

1.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.16	13	Pass



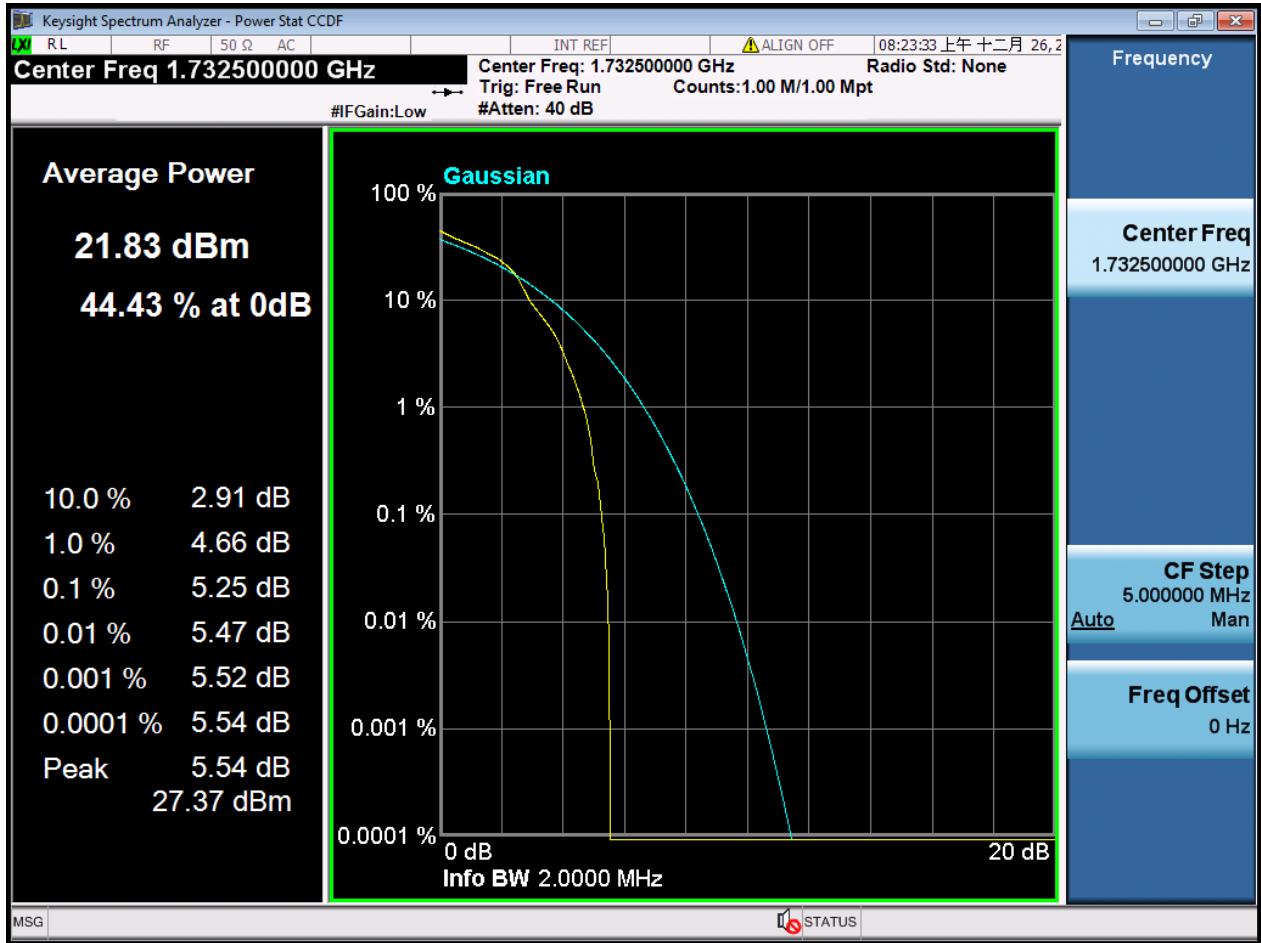
Average Power
21.99 dBm
44.70 % at 0dB

10.0 %	2.90 dB
1.0 %	4.60 dB
0.1 %	5.16 dB
0.01 %	5.40 dB
0.001 %	5.51 dB
0.0001 %	5.54 dB
Peak	5.55 dB
	27.54 dBm

MSG STATUS

1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.25	13	Pass



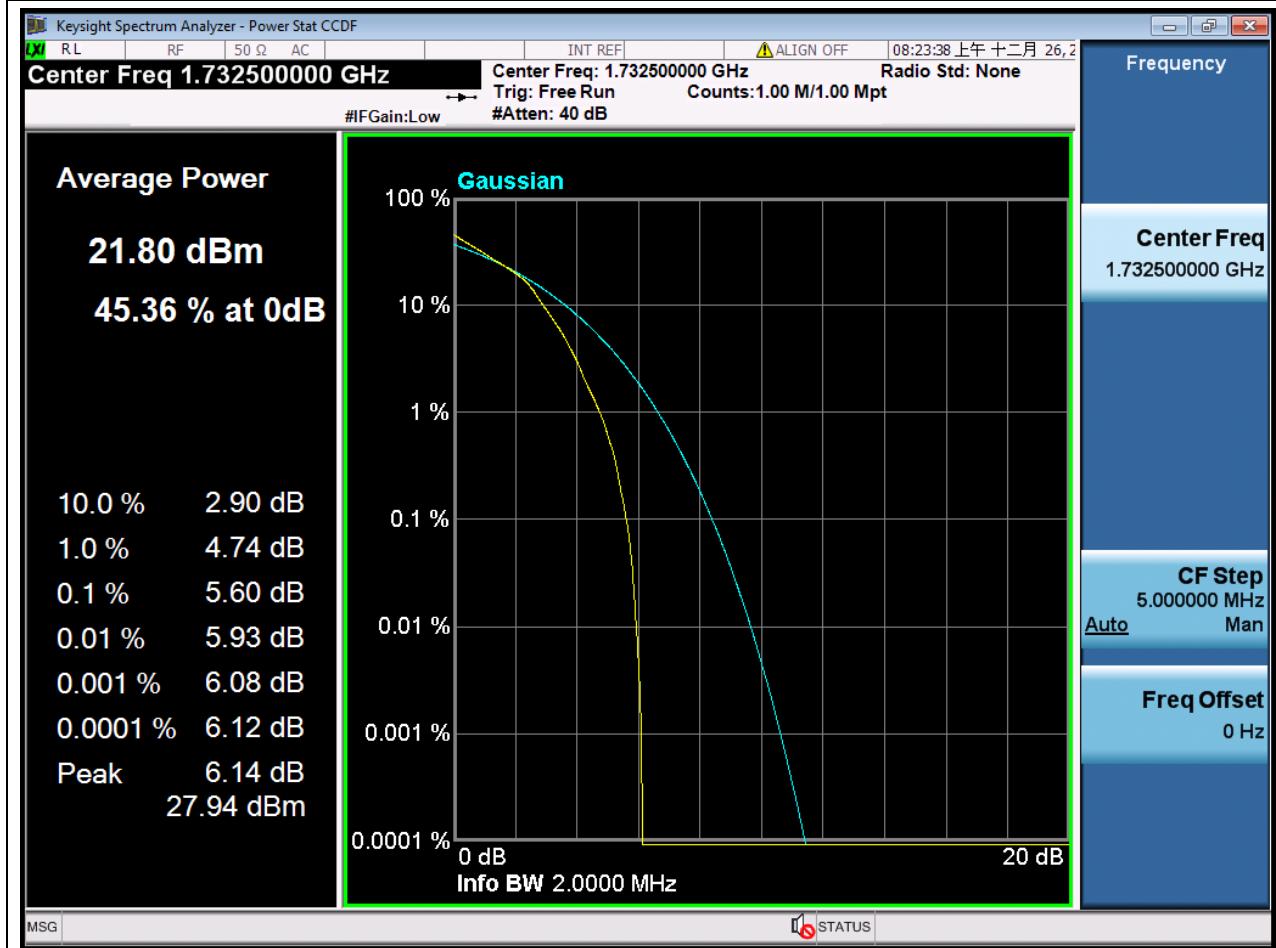
The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- Center Freq:** 1.732500000 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 21.83 dBm
- 44.43 % at 0dB**
- Data Table:**

10.0 %	2.91 dB
1.0 %	4.66 dB
0.1 %	5.25 dB
0.01 %	5.47 dB
0.001 %	5.52 dB
0.0001 %	5.54 dB
Peak	5.54 dB
	27.37 dBm
- Plot:** Gaussian CCDF plot showing Power (%) vs. Level (dB). The x-axis ranges from 0 dB to 20 dB, and the y-axis ranges from 0.0001 % to 100 %. A cyan curve represents the measured data, and a yellow vertical line marks the peak power level.
- CF Step:** 5.000000 MHz
- Freq Offset:** 0 Hz

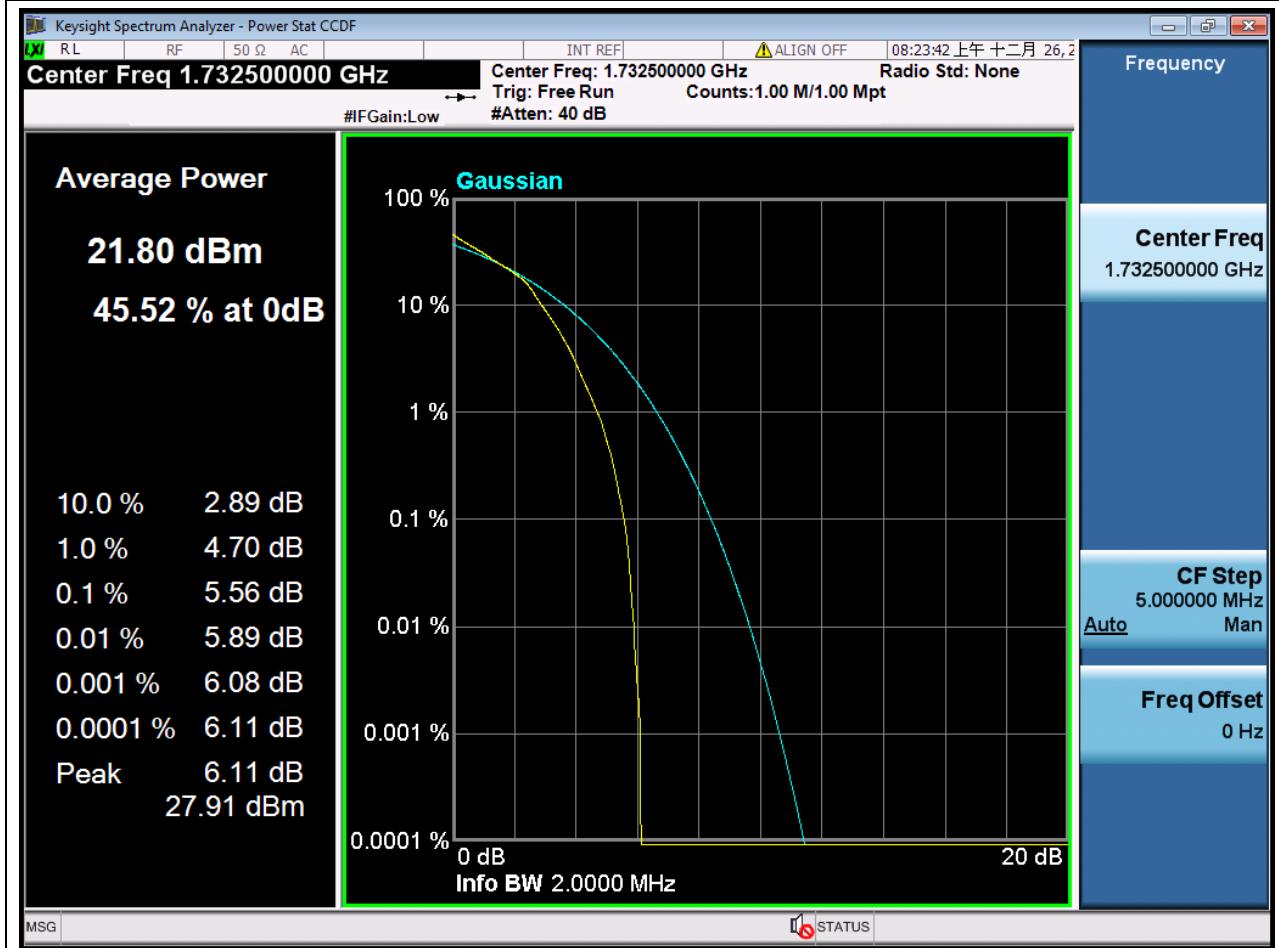
1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.6	13	Pass



1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.56	13	Pass



1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.59	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:23:46 上午 十二月 26, 2015

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

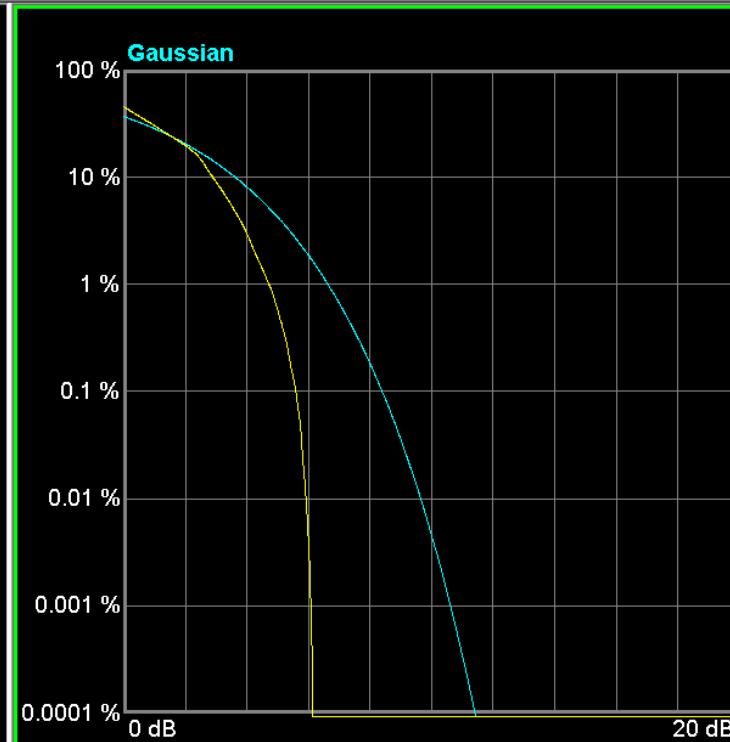
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.78 dBm
45.39 % at 0dB

10.0 % 2.89 dB
1.0 % 4.72 dB
0.1 % 5.59 dB
0.01 % 5.92 dB
0.001 % 6.07 dB
0.0001 % 6.12 dB
Peak 6.14 dB
27.92 dBm

Gaussian



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

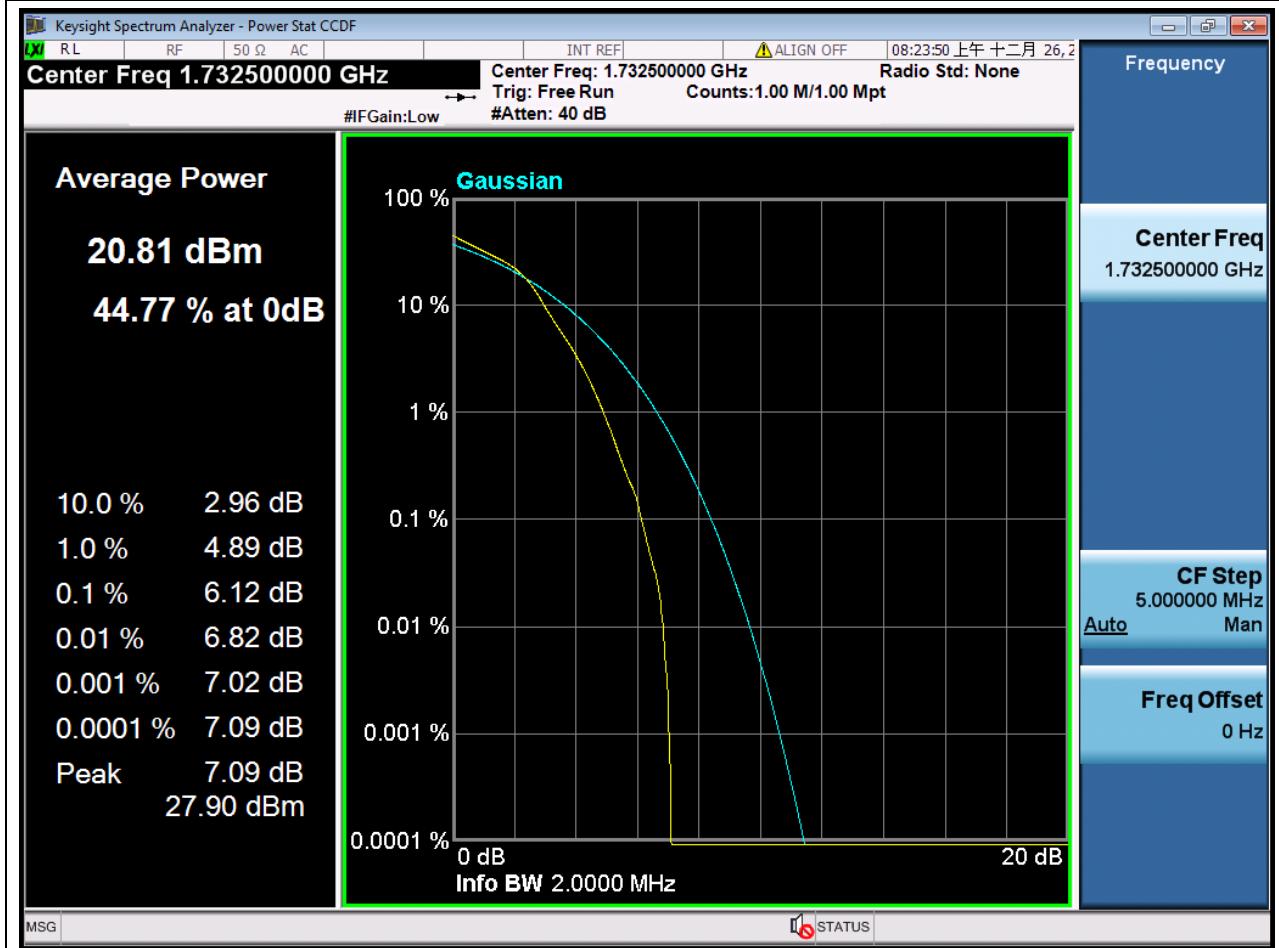
0 dB 20 dB Info BW 2.0000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

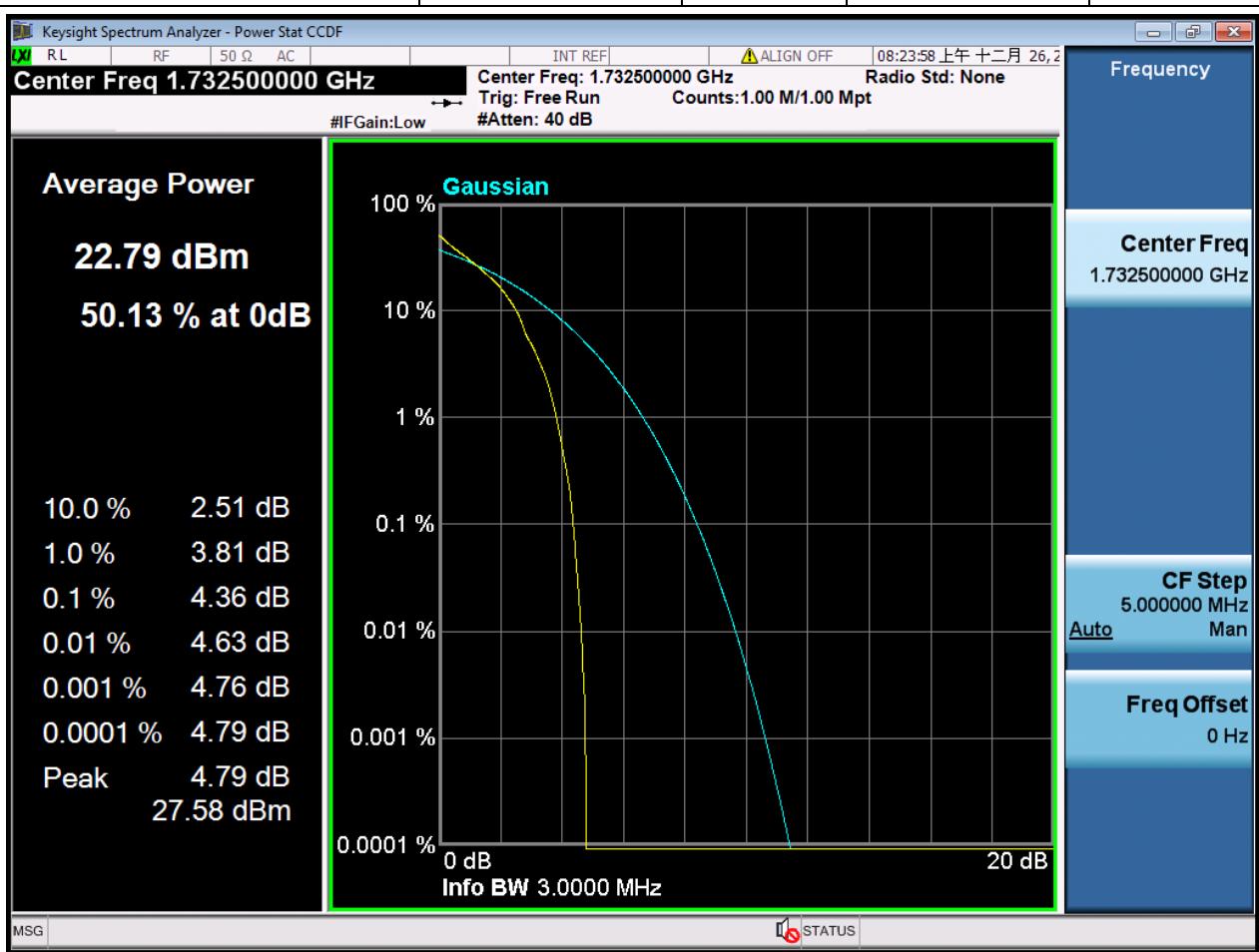
1.14. LTE Peak to Average Ratio(NTNV)(Subtest:14, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.12	13	Pass



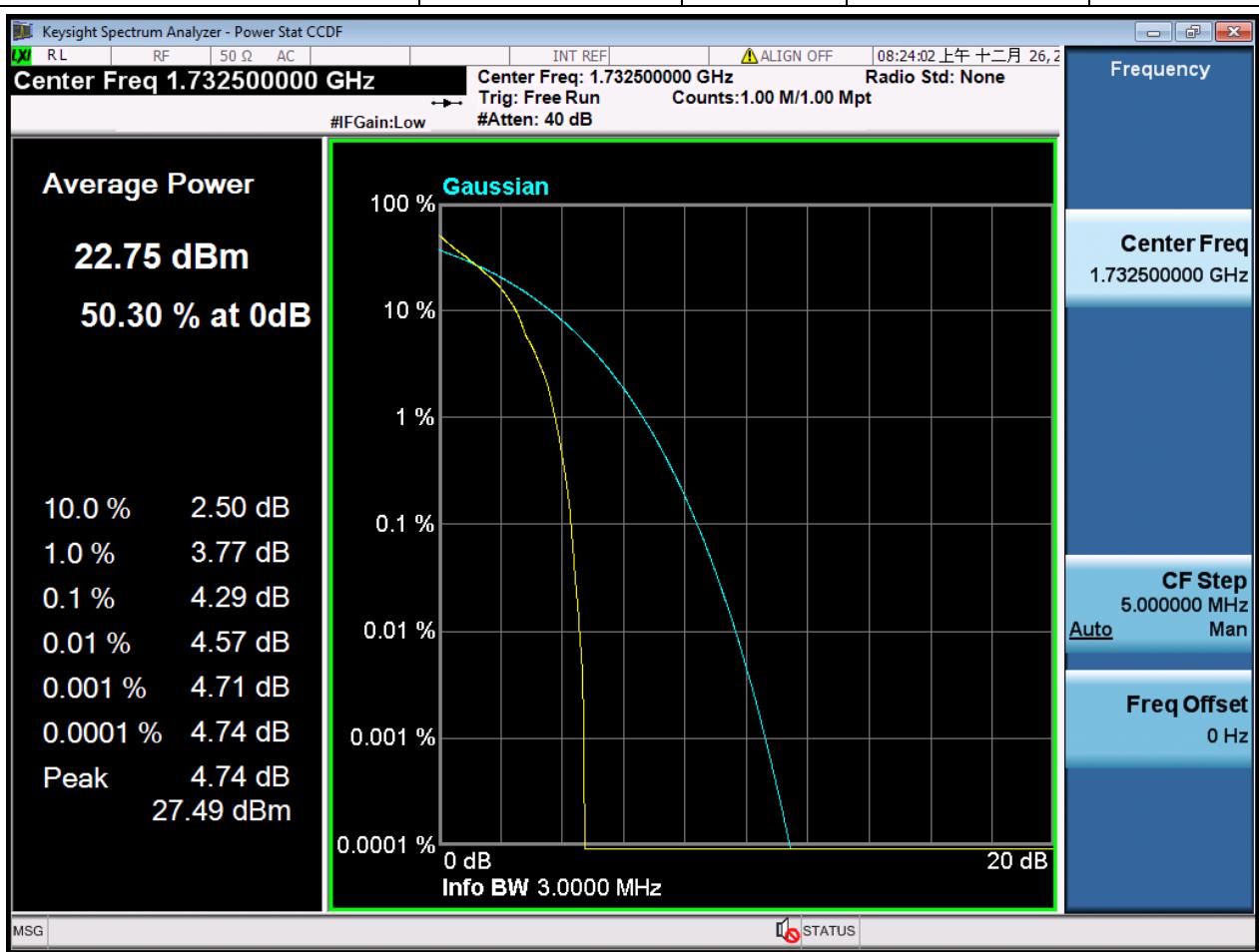
1.15. LTE Peak to Average Ratio(NTNV)(Subtest:15, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.36	13	Pass



1.16. LTE Peak to Average Ratio(NTNV)(Subtest:16, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.29	13	Pass



1.17. LTE Peak to Average Ratio(NTNV)(Subtest:17, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.26	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:24:06 上午 十二月 26, 2017

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

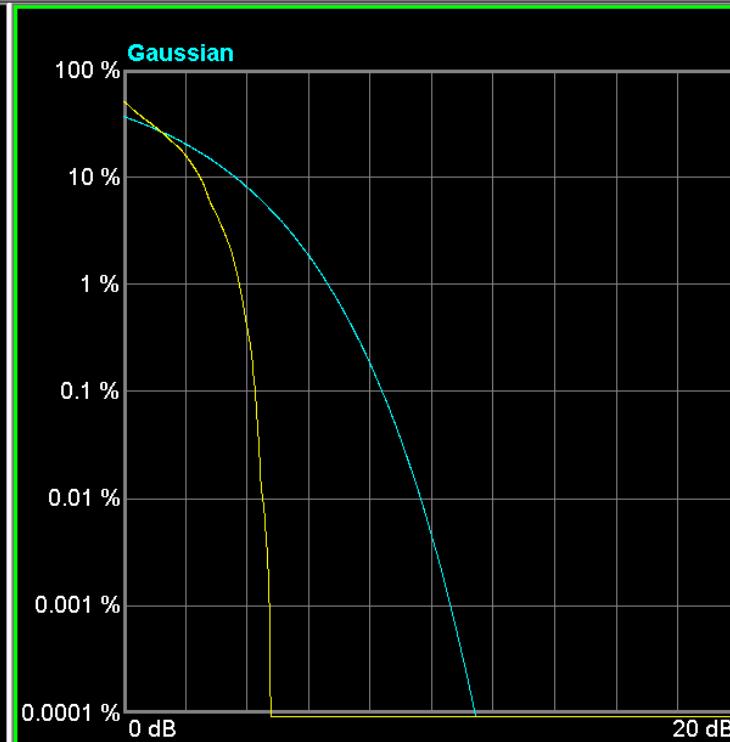
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.76 dBm
50.59 % at 0dB

10.0 % 2.48 dB
1.0 % 3.75 dB
0.1 % 4.26 dB
0.01 % 4.52 dB
0.001 % 4.73 dB
0.0001 % 4.77 dB
Peak 4.77 dB
27.53 dBm

Gaussian



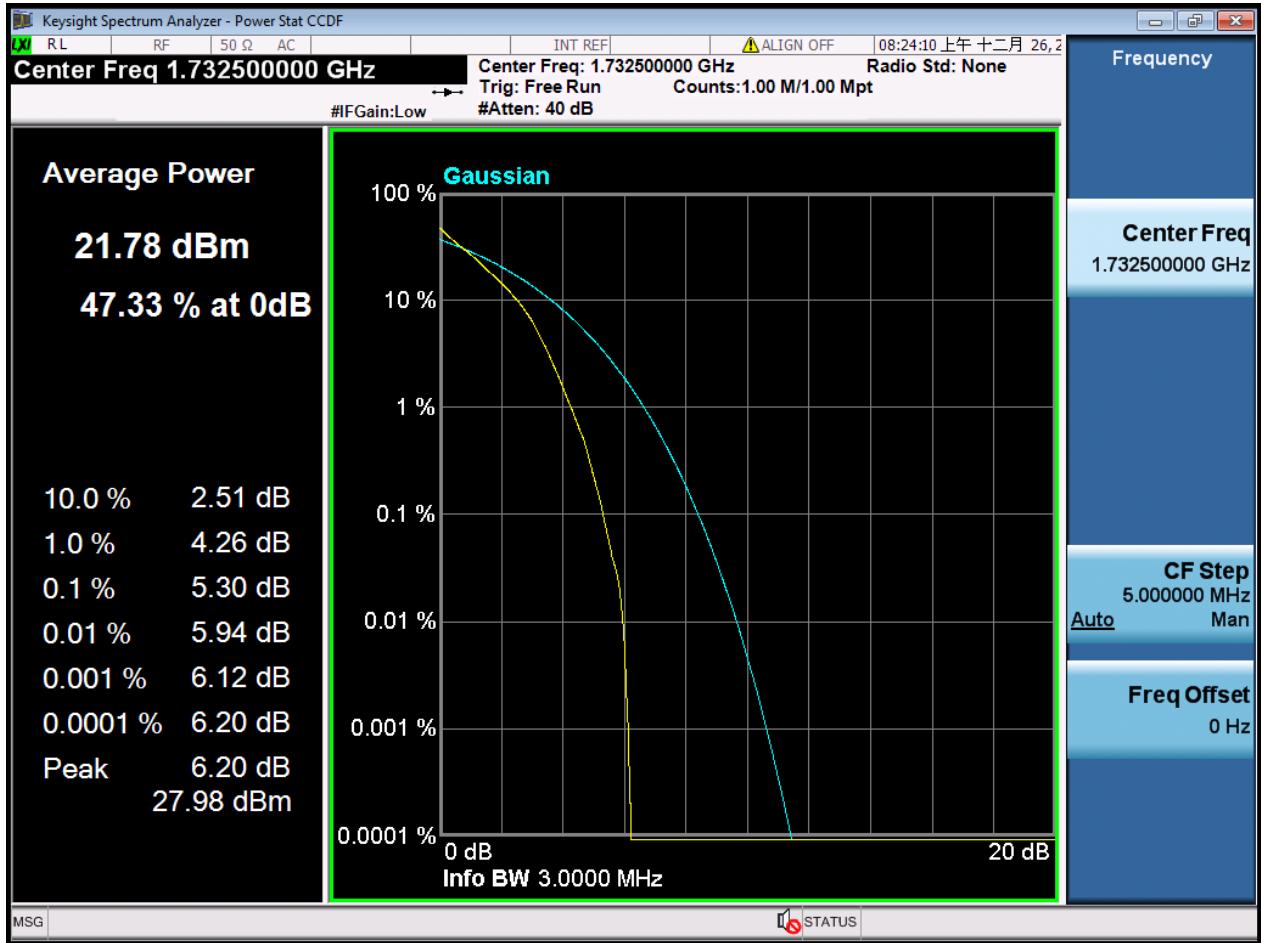
Info BW 3.0000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.18. LTE Peak to Average Ratio(NTNV)(Subtest:18, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.3	13	Pass



Average Power
21.78 dBm
47.33 % at 0dB

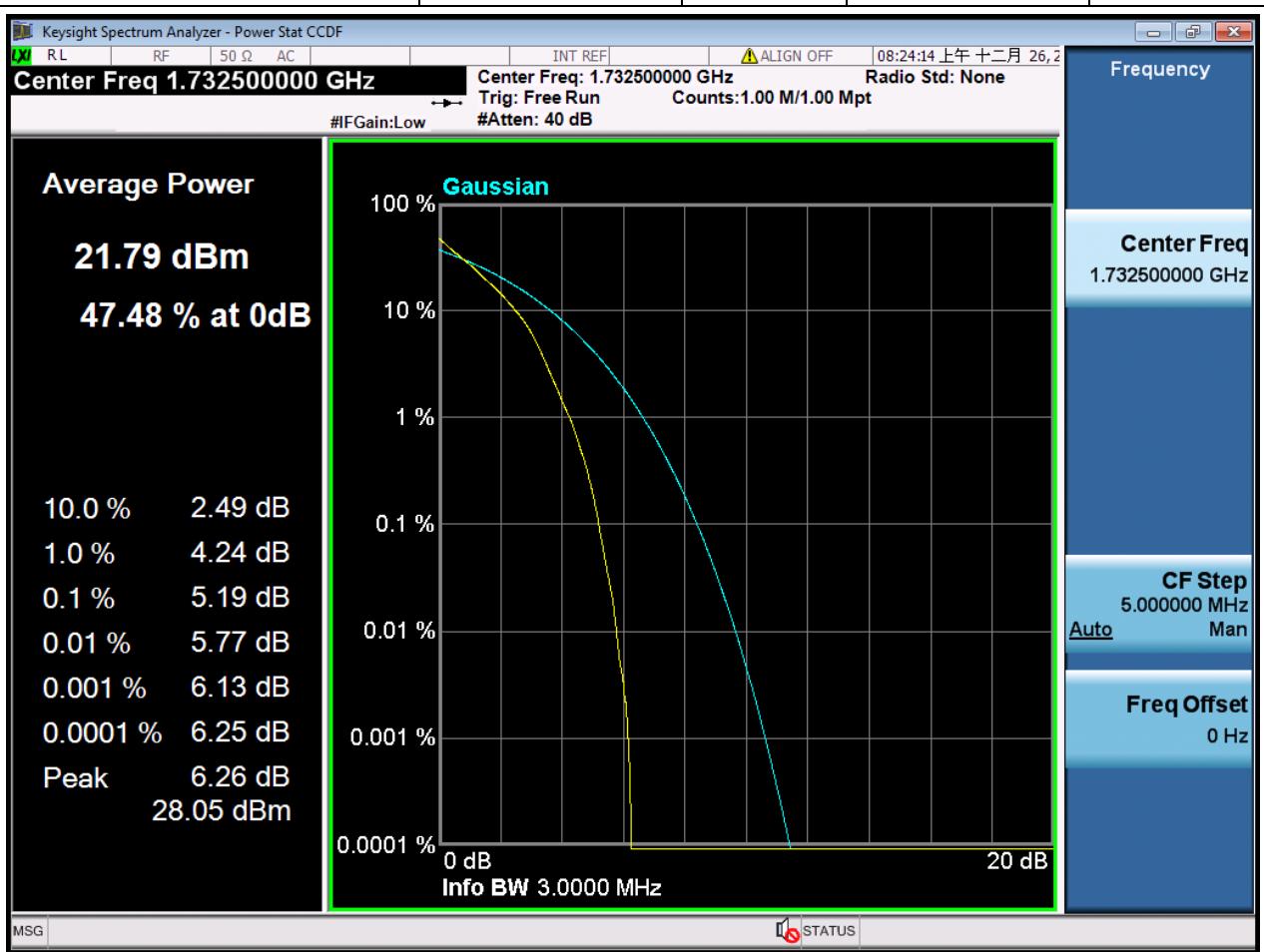
10.0 %	2.51 dB
1.0 %	4.26 dB
0.1 %	5.30 dB
0.01 %	5.94 dB
0.001 %	6.12 dB
0.0001 %	6.20 dB
Peak	6.20 dB
	27.98 dBm

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

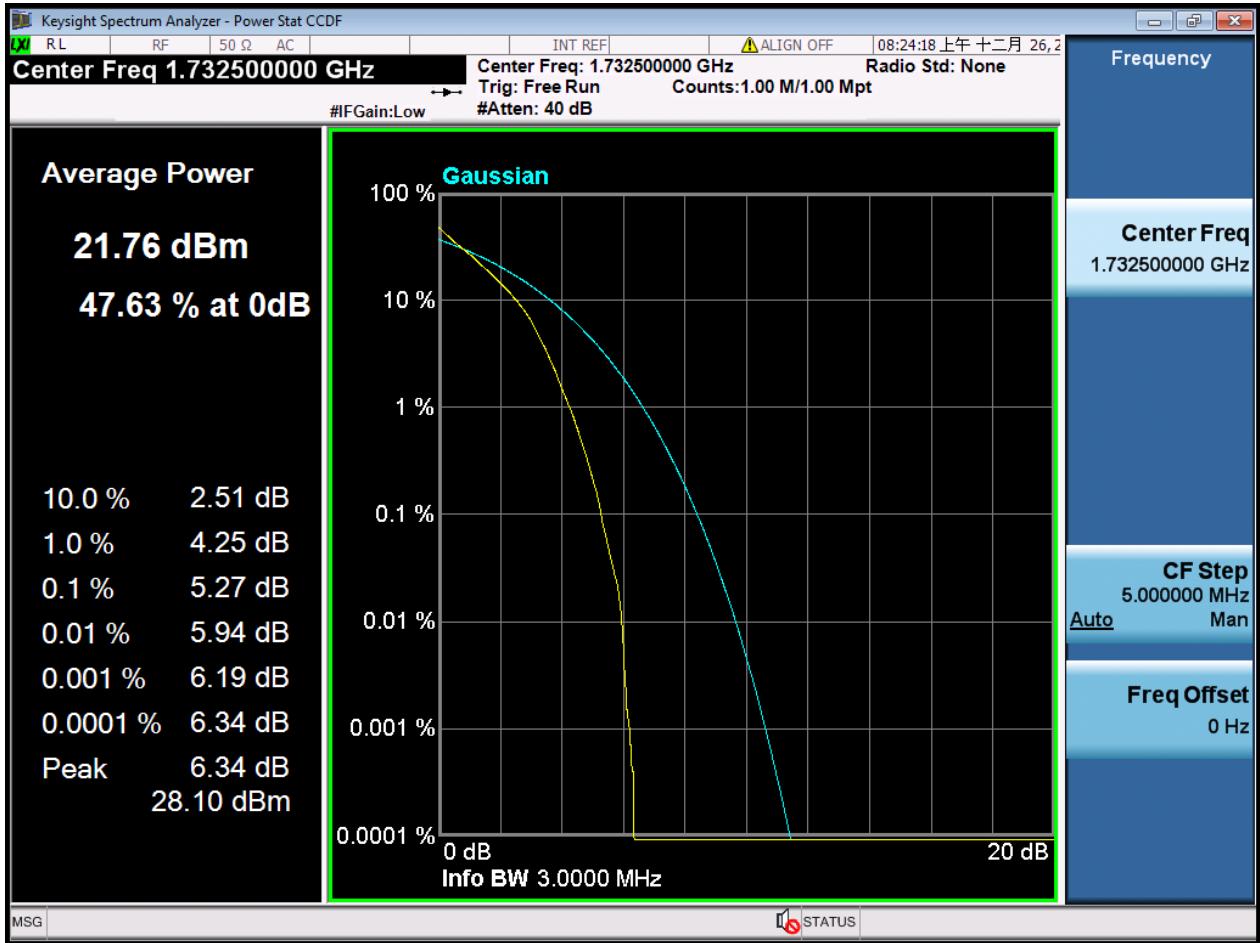
1.19. LTE Peak to Average Ratio(NTNV)(Subtest:19, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.19	13	Pass



1.20. LTE Peak to Average Ratio(NTNV)(Subtest:20, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.27	13	Pass



Average Power
21.76 dBm
47.63 % at 0dB

10.0 %	2.51 dB
1.0 %	4.25 dB
0.1 %	5.27 dB
0.01 %	5.94 dB
0.001 %	6.19 dB
0.0001 %	6.34 dB
Peak	6.34 dB
	28.10 dBm

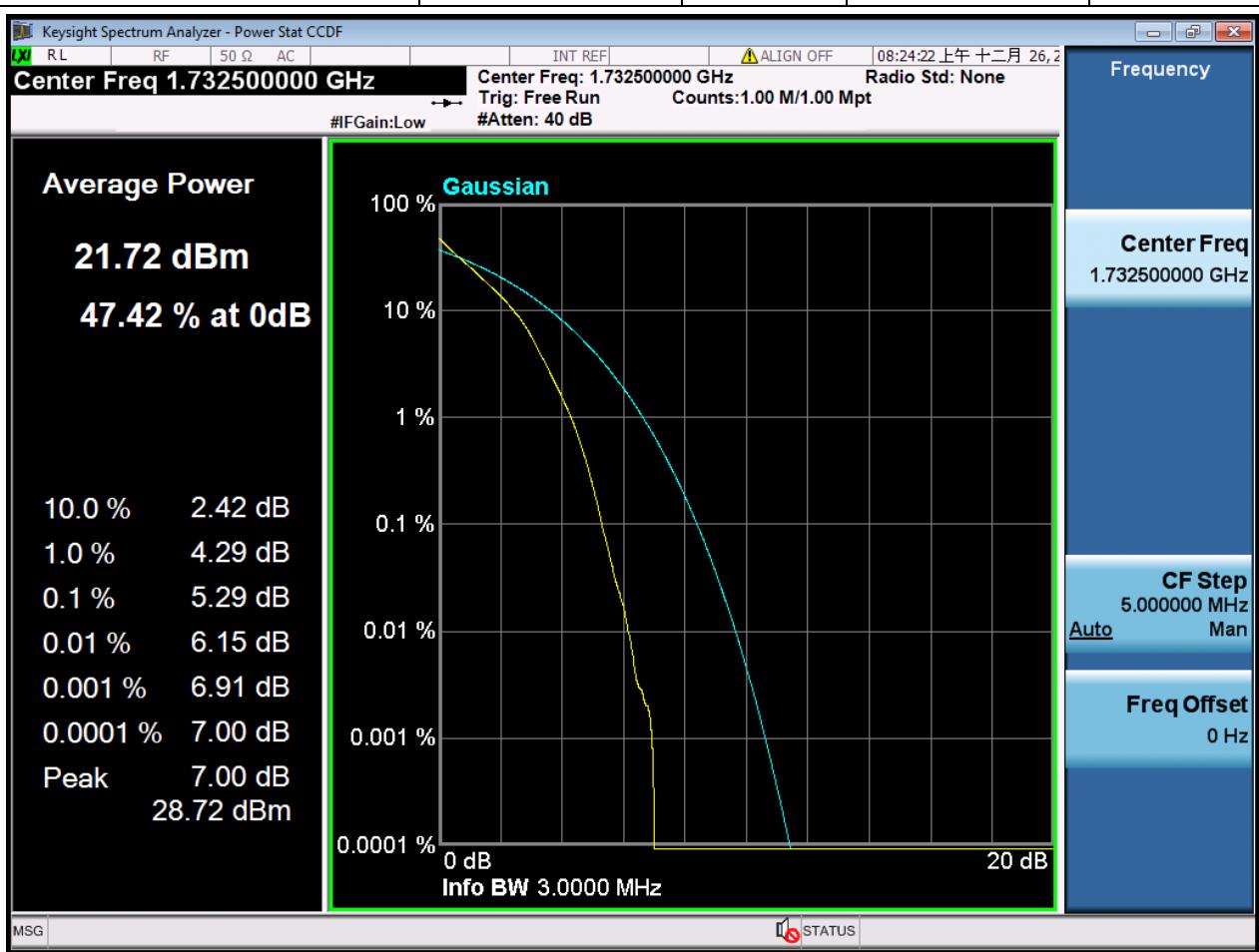
Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.29	13	Pass



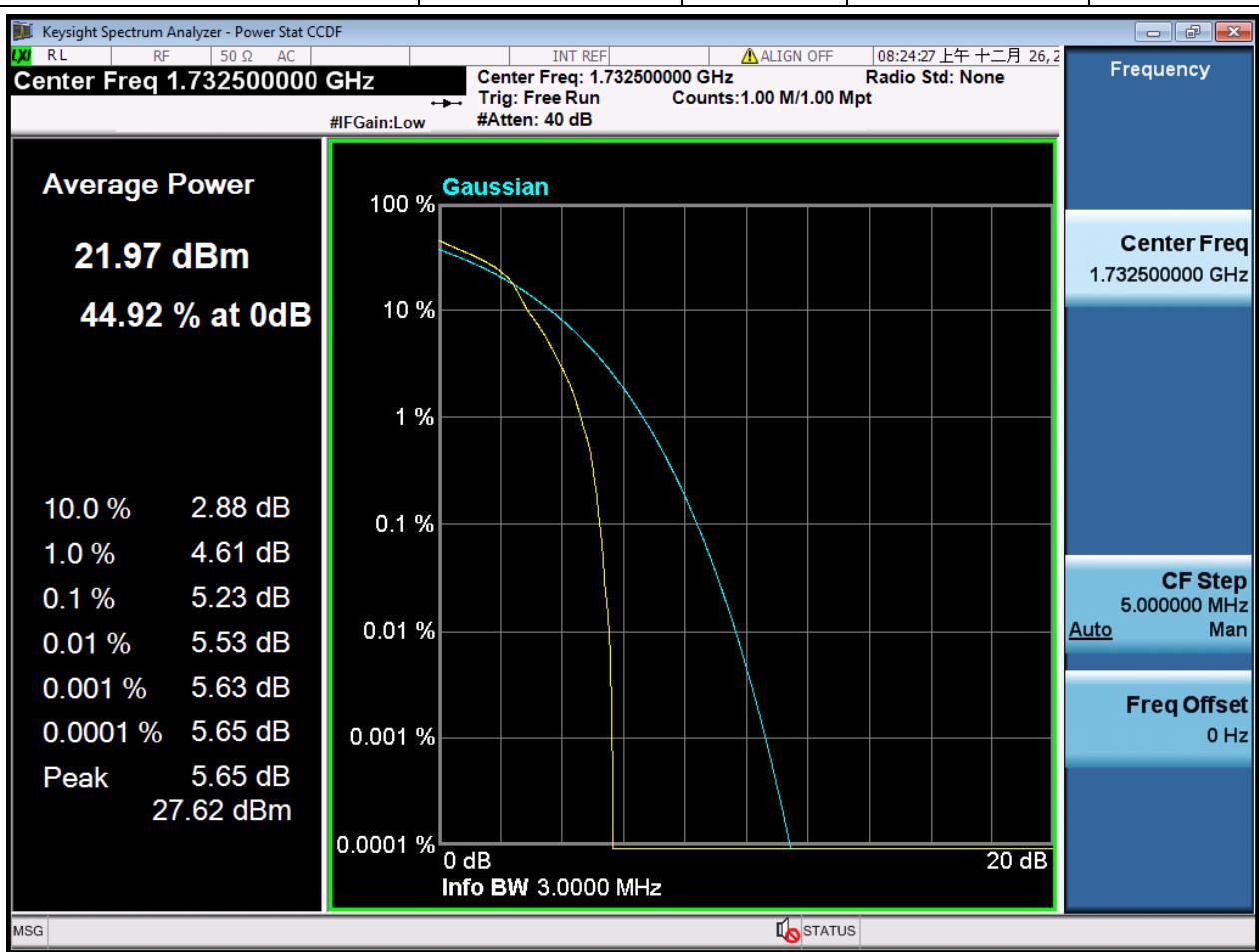
Average Power
21.72 dBm
47.42 % at 0dB

10.0 %	2.42 dB
1.0 %	4.29 dB
0.1 %	5.29 dB
0.01 %	6.15 dB
0.001 %	6.91 dB
0.0001 %	7.00 dB
Peak	7.00 dB
	28.72 dBm

Info BW 3.0000 MHz

1.22. LTE Peak to Average Ratio(NTNV)(Subtest:22, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

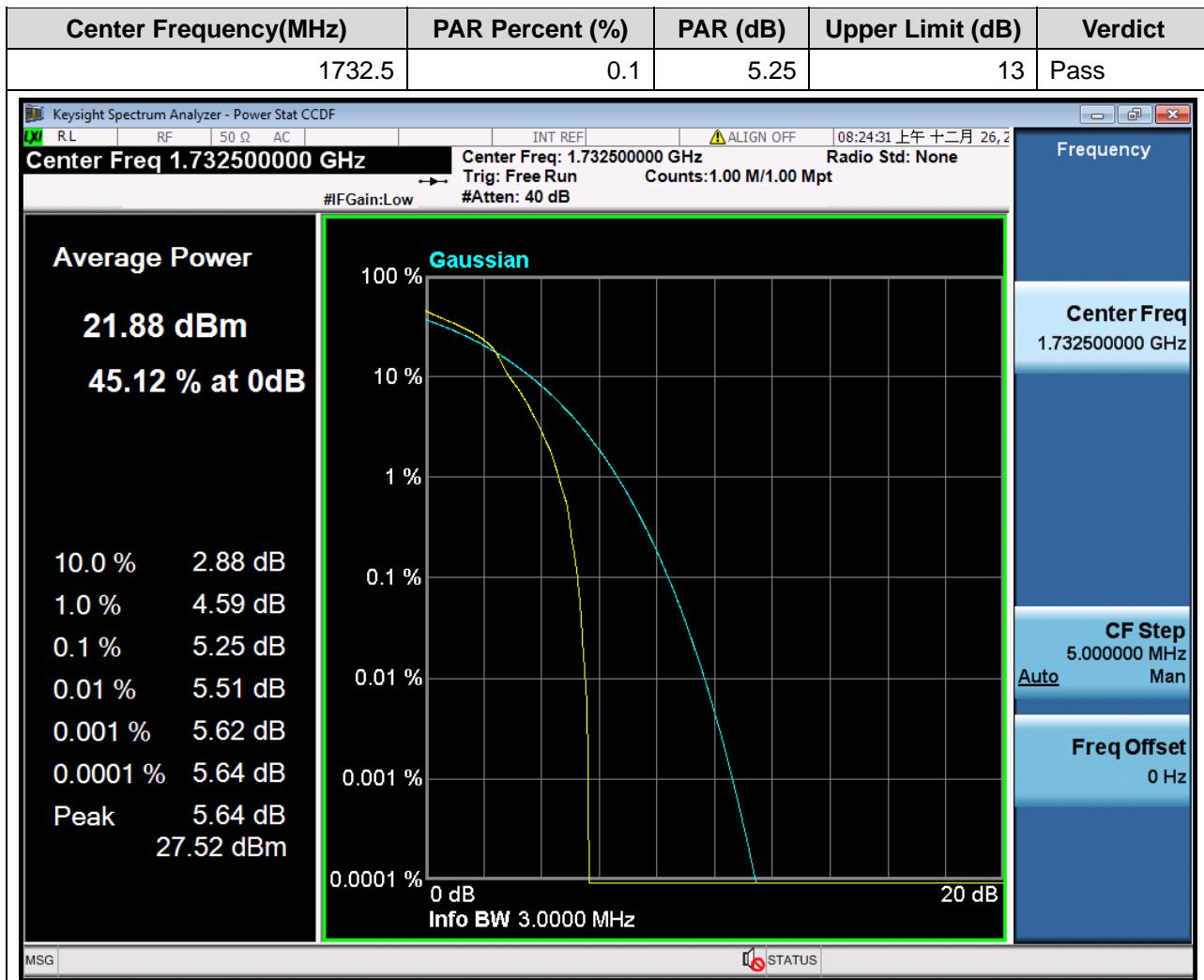
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.23	13	Pass



Average Power
21.97 dBm
44.92 % at 0dB

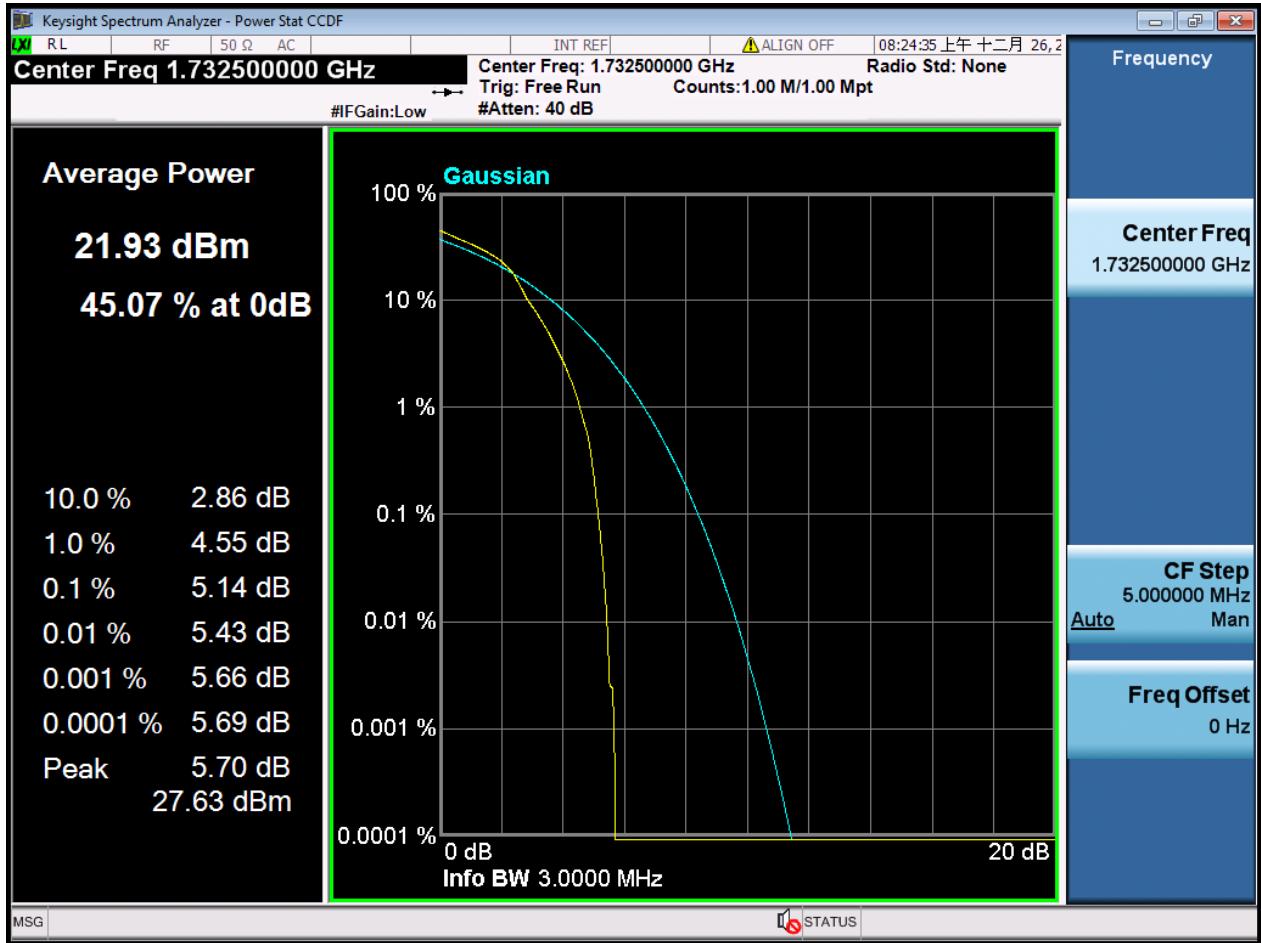
10.0 %	2.88 dB
1.0 %	4.61 dB
0.1 %	5.23 dB
0.01 %	5.53 dB
0.001 %	5.63 dB
0.0001 %	5.65 dB
Peak	5.65 dB
	27.62 dBm

1.23. LTE Peak to Average Ratio(NTNV)(Subtest:23, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:MID)



1.24. LTE Peak to Average Ratio(NTNV)(Subtest:24, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.14	13	Pass

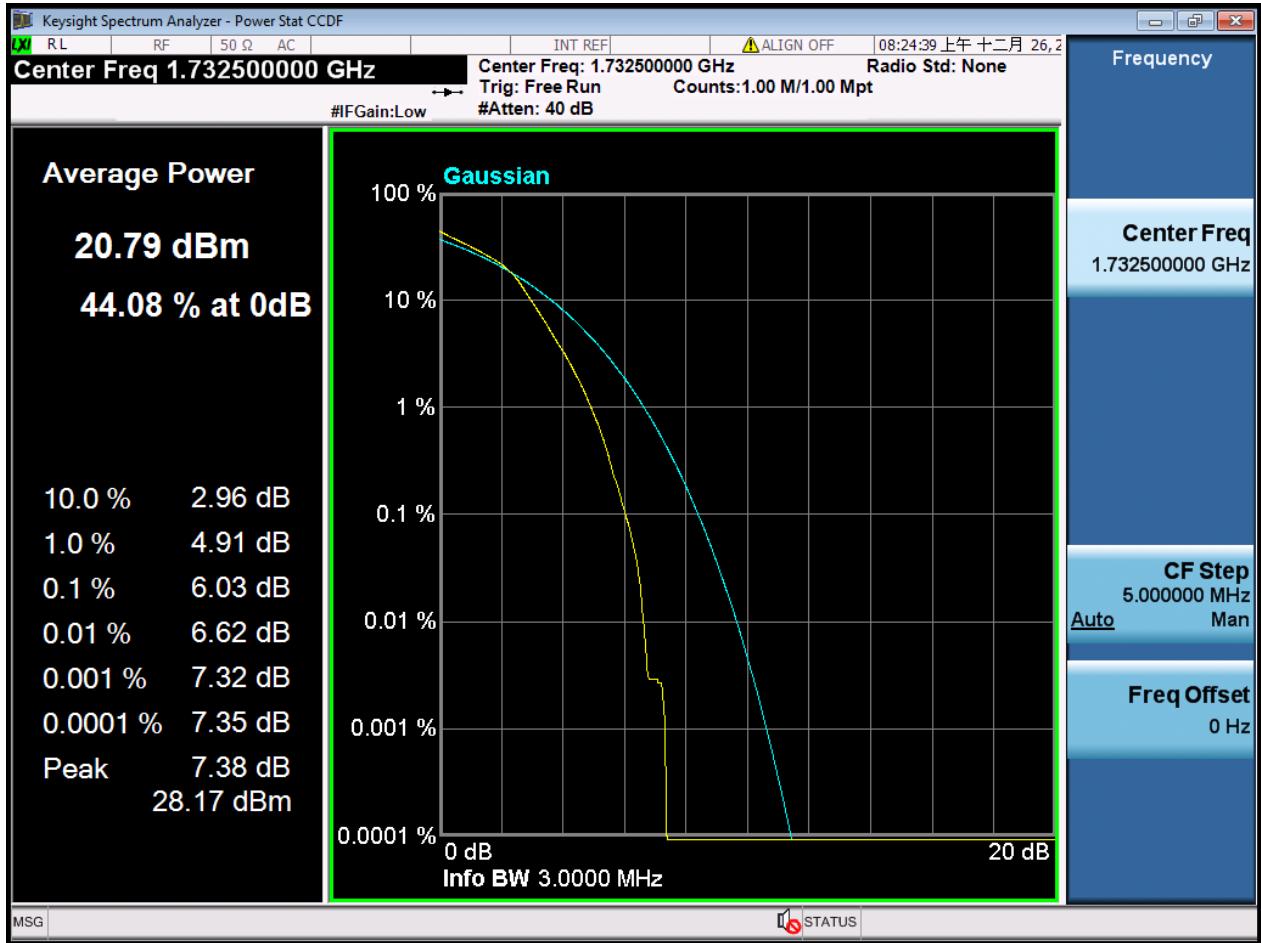


The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- Center Freq:** 1.732500000 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 21.93 dBm
- 45.07 % at 0dB**
- Peak:** 5.70 dB
- 27.63 dBm**
- Info BW:** 3.0000 MHz
- Y-axis:** Gaussian, ranging from 0.0001 % to 100 %.
- X-axis:** 0 dB to 20 dB.

1.25. LTE Peak to Average Ratio(NTNV)(Subtest:25, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.03	13	Pass



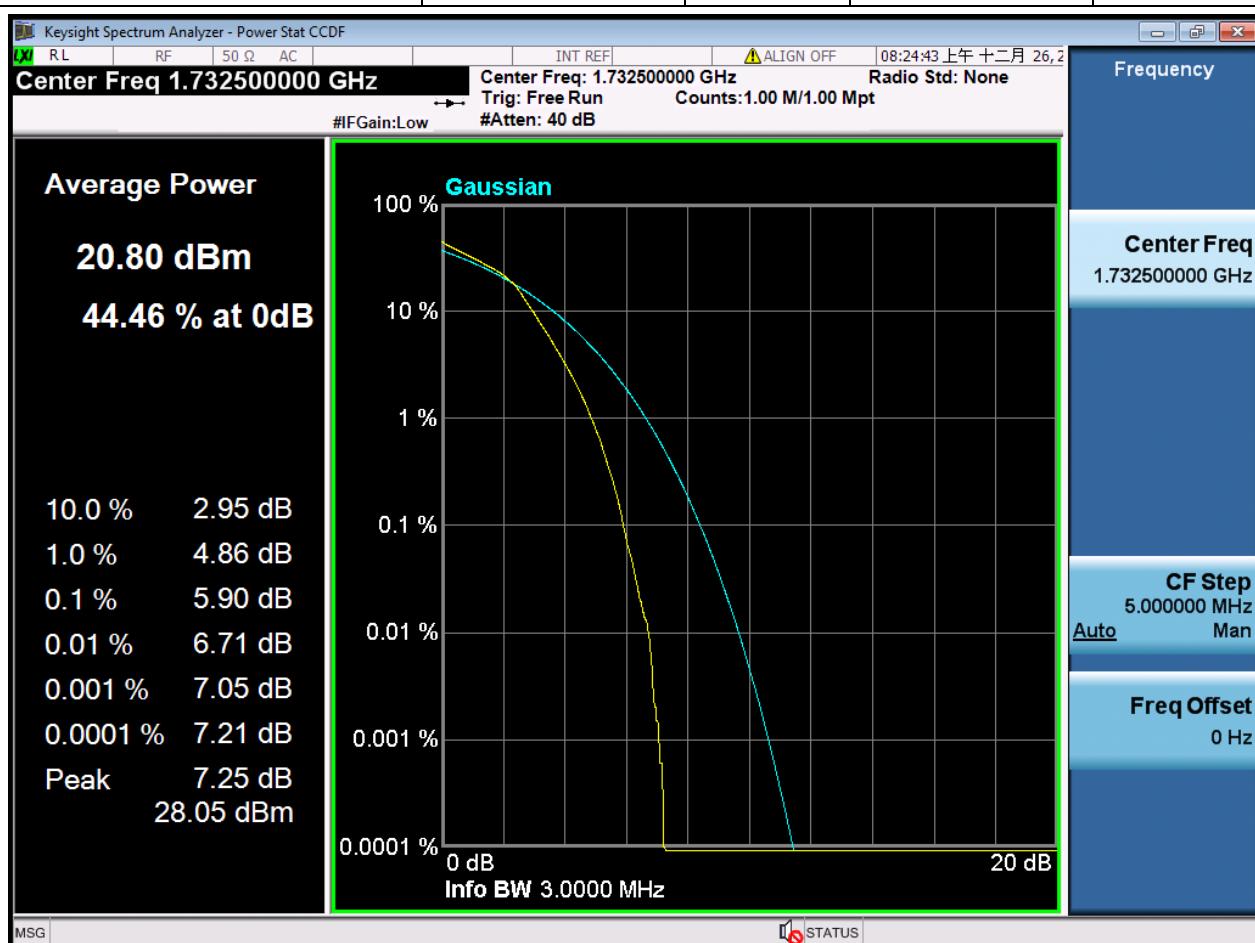
Average Power
20.79 dBm
44.08 % at 0dB

10.0 %	2.96 dB
1.0 %	4.91 dB
0.1 %	6.03 dB
0.01 %	6.62 dB
0.001 %	7.32 dB
0.0001 %	7.35 dB
Peak	7.38 dB
	28.17 dBm

Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Freq Offset 0 Hz

1.26. LTE Peak to Average Ratio(NTNV)(Subtest:26, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.9	13	Pass



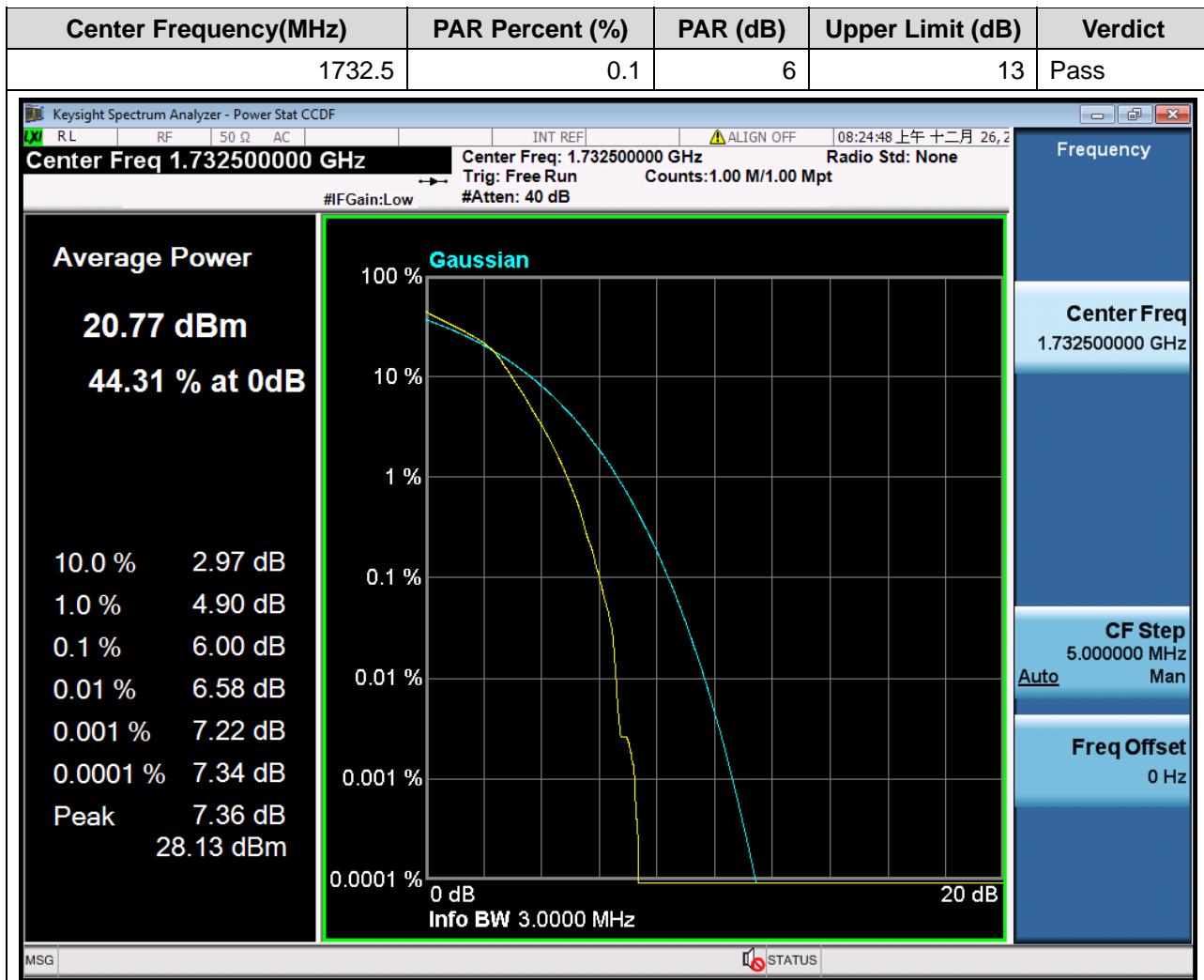
Average Power
20.80 dBm
44.46 % at 0dB

10.0 %	2.95 dB
1.0 %	4.86 dB
0.1 %	5.90 dB
0.01 %	6.71 dB
0.001 %	7.05 dB
0.0001 %	7.21 dB
Peak	7.25 dB
	28.05 dBm

Center Freq 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

1.27. LTE Peak to Average Ratio(NTNV)(Subtest:27, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:HIGH)



1.28. LTE Peak to Average Ratio(NTNV)(Subtest:28, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:24:52 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

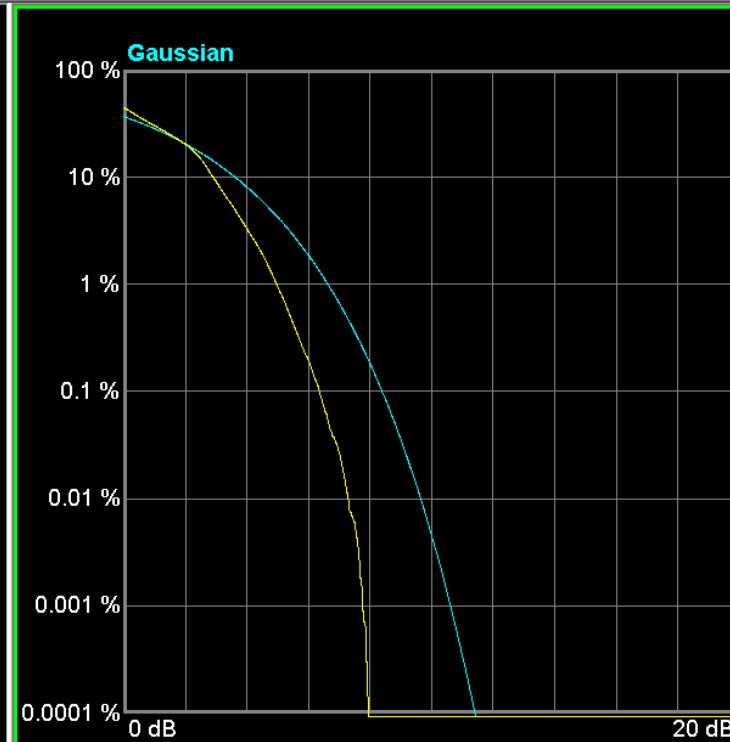
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
20.70 dBm
44.52 % at 0dB

10.0 % 2.90 dB
1.0 % 4.97 dB
0.1 % 6.36 dB
0.01 % 7.29 dB
0.001 % 7.75 dB
0.0001 % 7.93 dB
Peak 7.94 dB
28.64 dBm

Gaussian



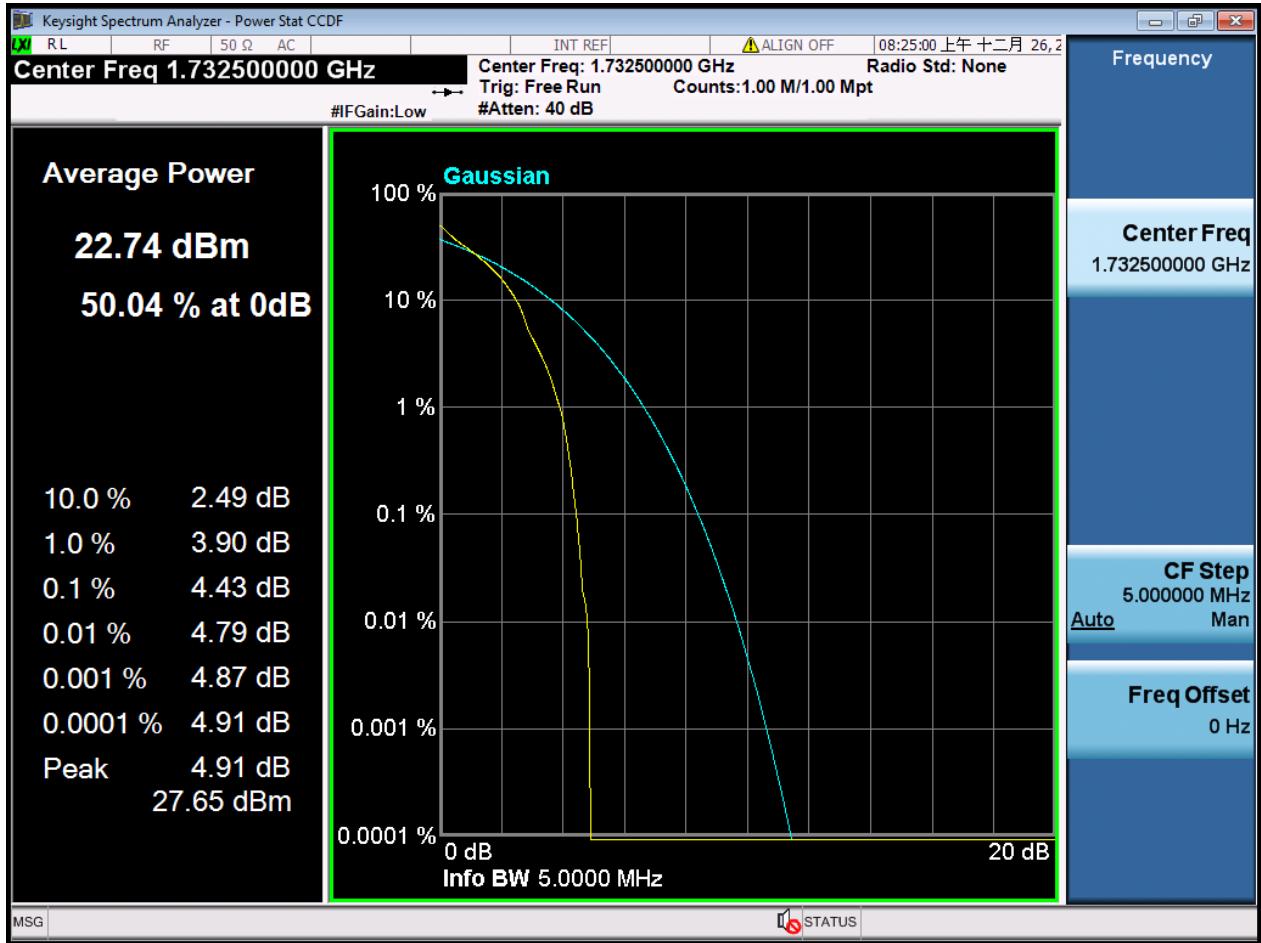
0.0001 % 0 dB 20 dB
0.001 % 0.01 % 0.1 % 1 % 10 % 100 %
Info BW 3.0000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

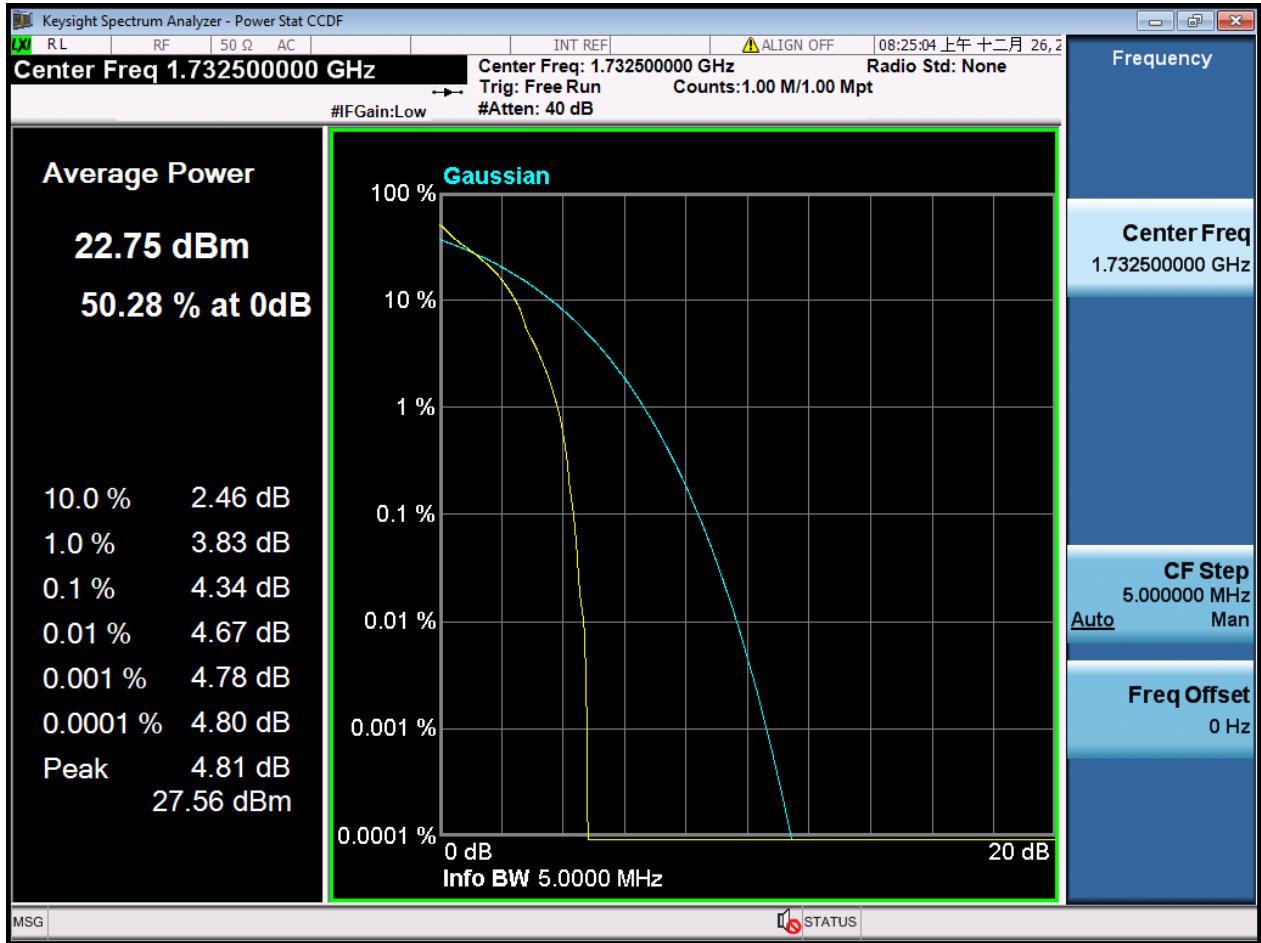
1.29. LTE Peak to Average Ratio(NTNV)(Subtest:29, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.43	13	Pass



1.30. LTE Peak to Average Ratio(NTNV)(Subtest:30, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.34	13	Pass



Average Power
22.75 dBm
50.28 % at 0dB

10.0 %	2.46 dB
1.0 %	3.83 dB
0.1 %	4.34 dB
0.01 %	4.67 dB
0.001 %	4.78 dB
0.0001 %	4.80 dB
Peak	4.81 dB
	27.56 dBm

Gaussian

Center Freq: 1.732500000 GHz Radio Std: None
 Trig: Free Run Counts: 1.00 M/1.00 Mpt
 #IFGain:Low #Atten: 40 dB

Frequency: 1.732500000 GHz
 CF Step: 5.000000 MHz
 Auto
 Freq Offset: 0 Hz

1.31. LTE Peak to Average Ratio(NTNV)(Subtest:31, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.27	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:25:08 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

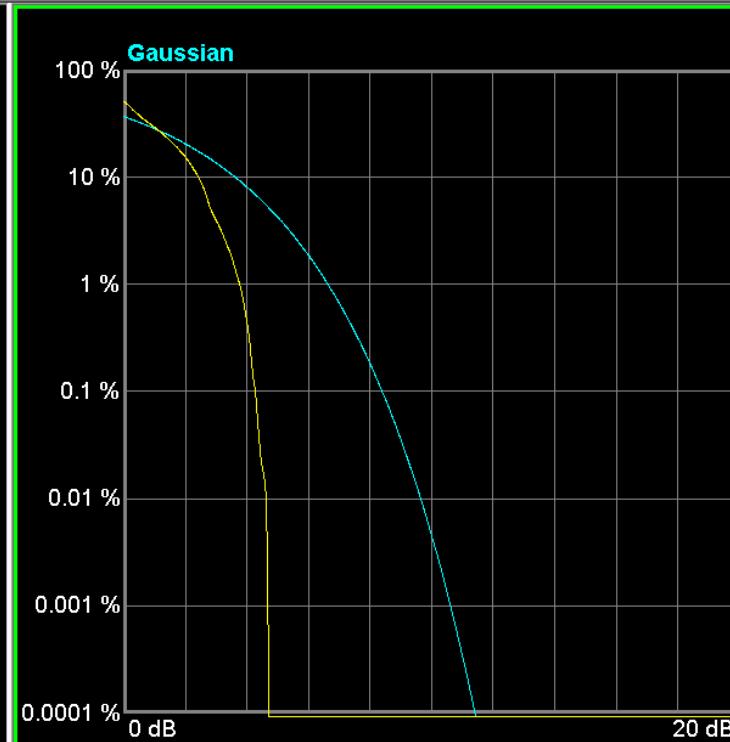
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.71 dBm
50.91 % at 0dB

10.0 % 2.43 dB
1.0 % 3.76 dB
0.1 % 4.27 dB
0.01 % 4.62 dB
0.001 % 4.68 dB
0.0001 % 4.70 dB
Peak 4.71 dB
27.42 dBm

Gaussian



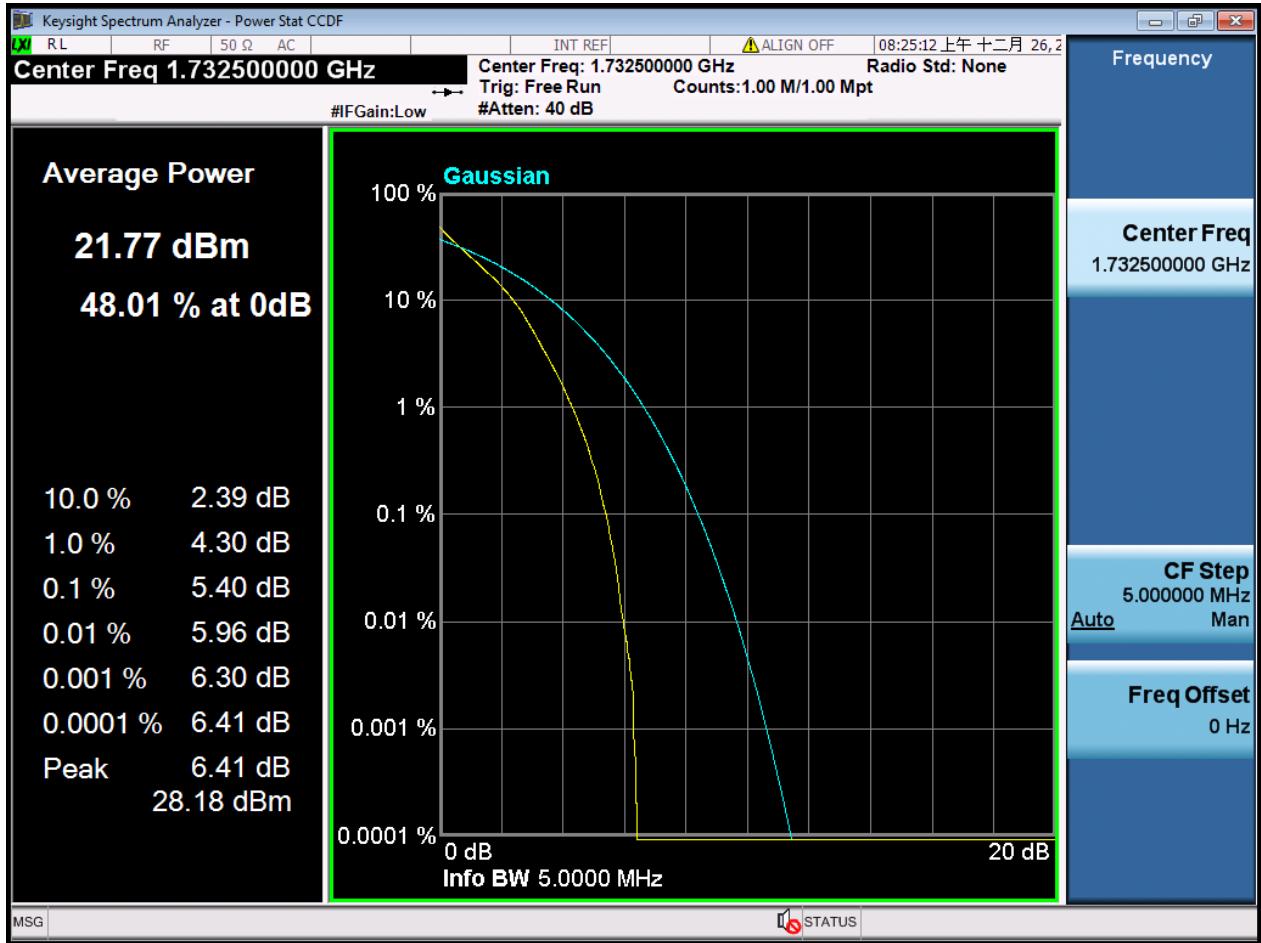
Info BW 5.0000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.32. LTE Peak to Average Ratio(NTNV)(Subtest:32, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.4	13	Pass



Average Power
21.77 dBm
48.01 % at 0dB

10.0 %	2.39 dB
1.0 %	4.30 dB
0.1 %	5.40 dB
0.01 %	5.96 dB
0.001 %	6.30 dB
0.0001 %	6.41 dB
Peak	6.41 dB
	28.18 dBm

Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.33. LTE Peak to Average Ratio(NTNV)(Subtest:33, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.3	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:25:16 上午 十二月 26, 2017

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.77 dBm
48.46 % at 0dB

10.0 % 2.37 dB
1.0 % 4.26 dB
0.1 % 5.30 dB
0.01 % 5.89 dB
0.001 % 6.27 dB
0.0001 % 6.35 dB
Peak 6.36 dB
28.13 dBm

Gaussian



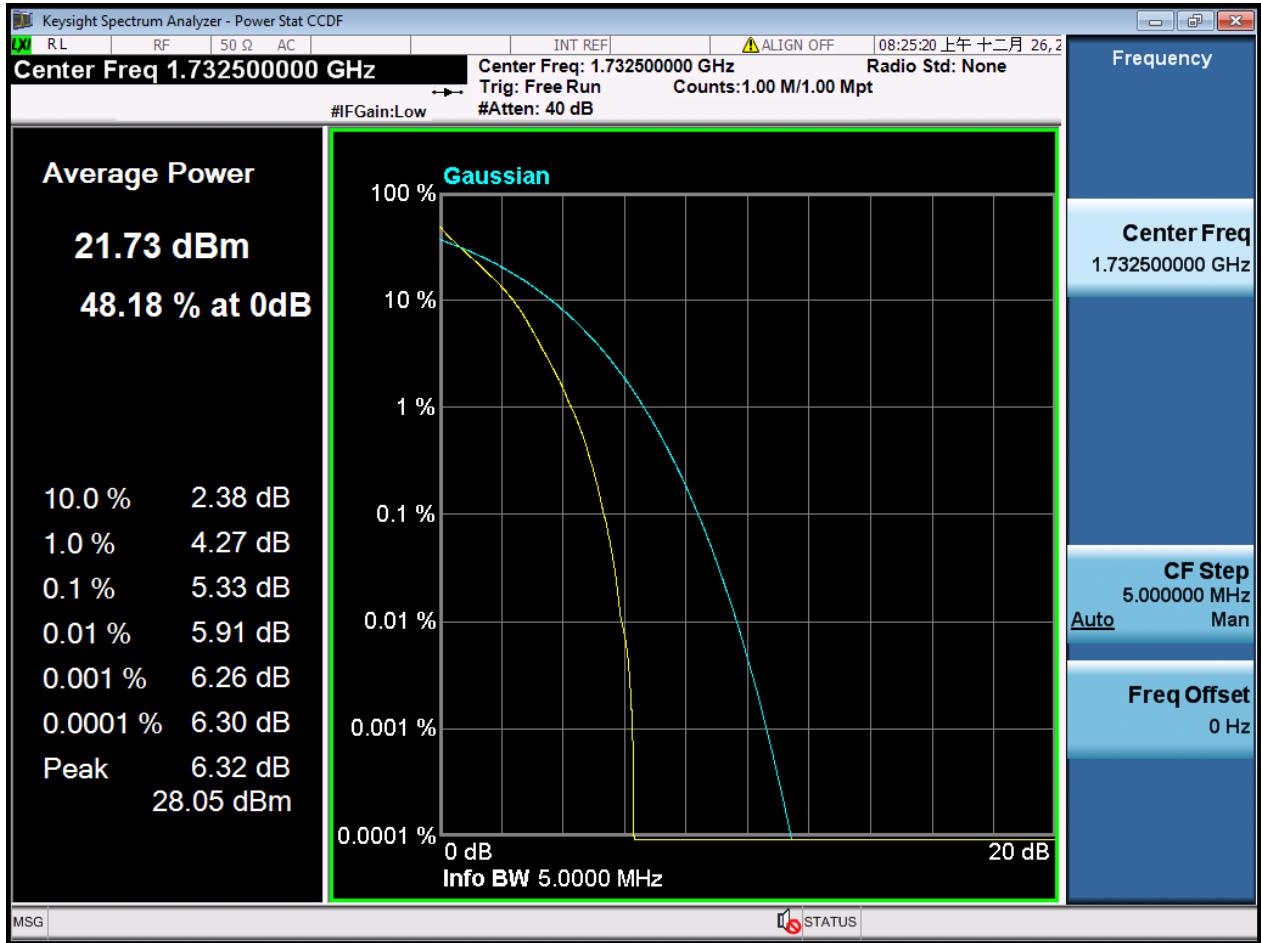
Info BW 5.0000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.34. LTE Peak to Average Ratio(NTNV)(Subtest:34, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.33	13	Pass

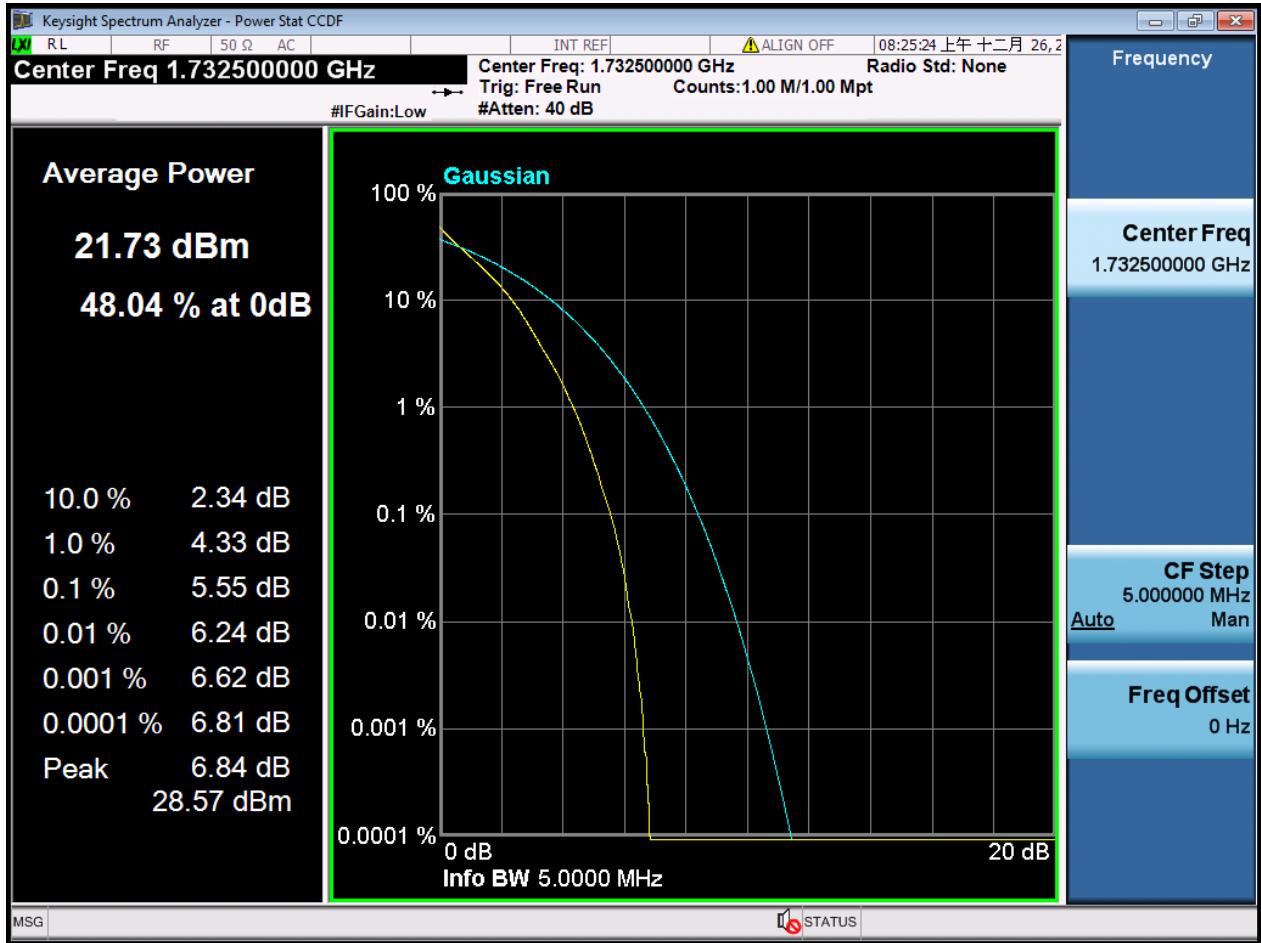


Average Power
21.73 dBm
48.18 % at 0dB

10.0 %	2.38 dB
1.0 %	4.27 dB
0.1 %	5.33 dB
0.01 %	5.91 dB
0.001 %	6.26 dB
0.0001 %	6.30 dB
Peak	6.32 dB
	28.05 dBm

1.35. LTE Peak to Average Ratio(NTNV)(Subtest:35, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.55	13	Pass



Average Power
21.73 dBm
48.04 % at 0dB

10.0 %	2.34 dB
1.0 %	4.33 dB
0.1 %	5.55 dB
0.01 %	6.24 dB
0.001 %	6.62 dB
0.0001 %	6.81 dB
Peak	6.84 dB
	28.57 dBm

Center Freq
1.732500000 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

1.36. LTE Peak to Average Ratio(NTNV)(Subtest:36, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.35	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:25:28 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

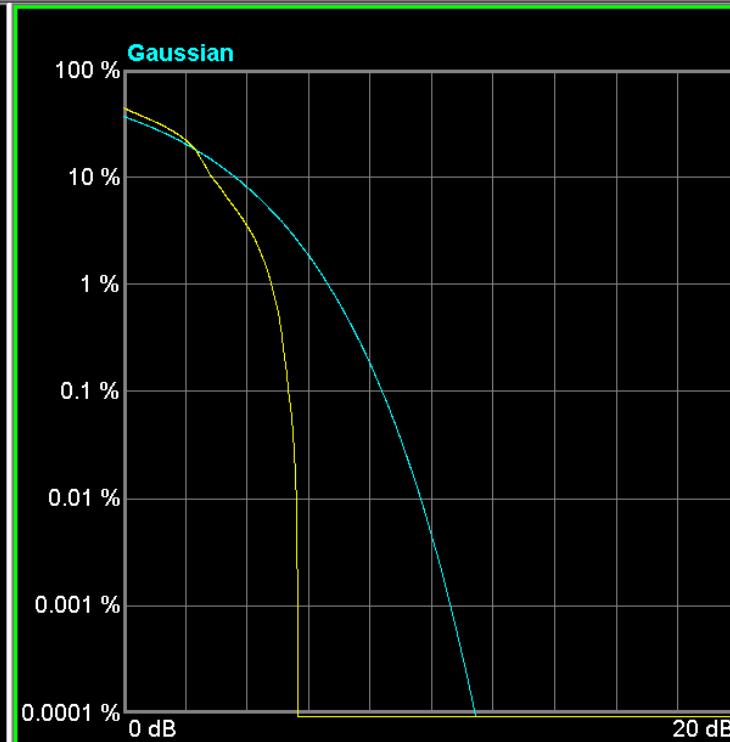
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.95 dBm
44.11 % at 0dB

10.0 % 2.86 dB
1.0 % 4.79 dB
0.1 % 5.35 dB
0.01 % 5.60 dB
0.001 % 5.65 dB
0.0001 % 5.66 dB
Peak 5.68 dB
27.63 dBm

Gaussian



Frequency
Center Freq 1.732500000 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:20175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.3	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:25:32 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.94 dBm
44.33 % at 0dB

10.0 % 2.85 dB
1.0 % 4.75 dB
0.1 % 5.30 dB
0.01 % 5.54 dB
0.001 % 5.59 dB
0.0001 % 5.60 dB
Peak 5.65 dB
27.59 dBm

Gaussian

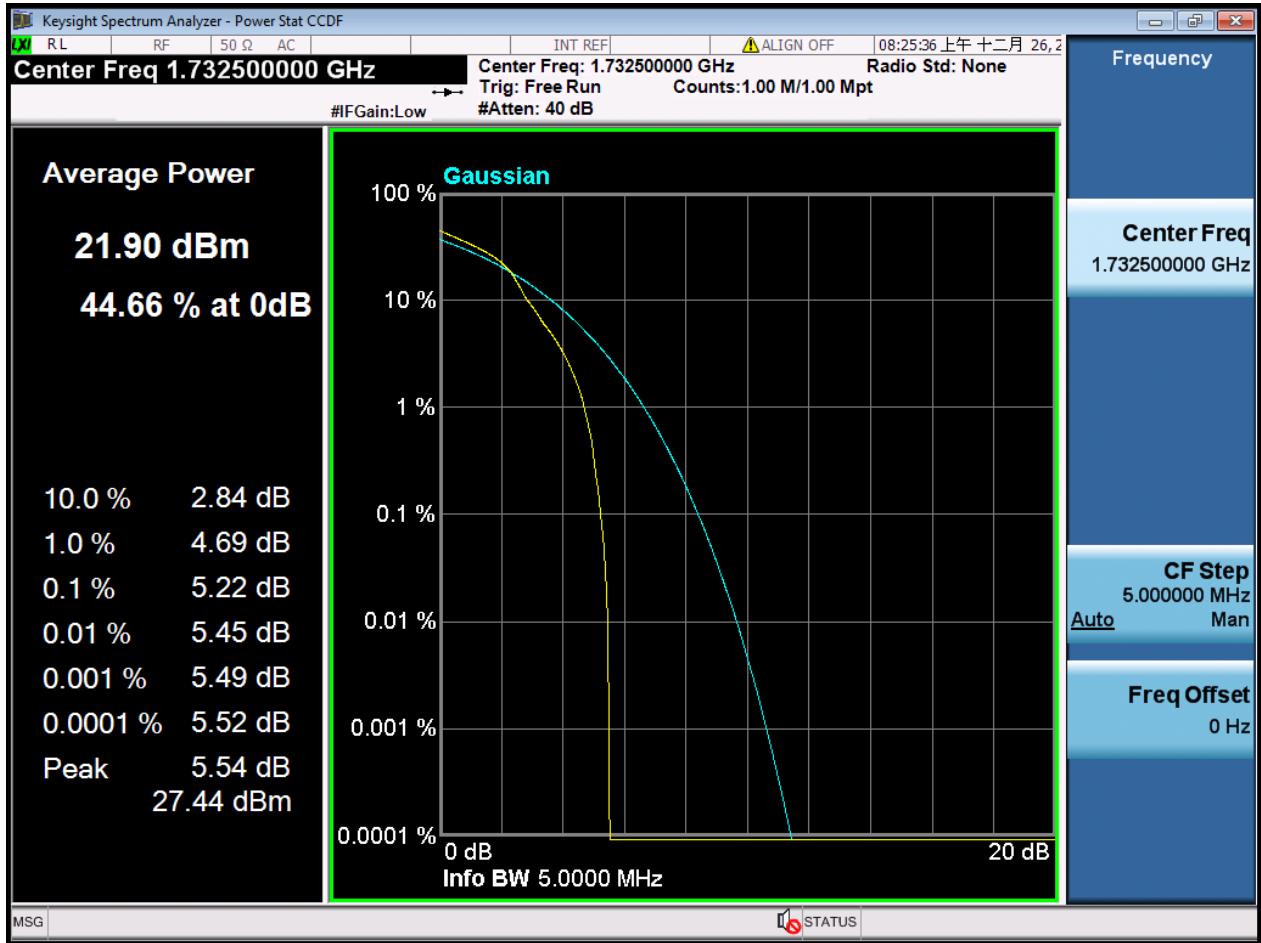


Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.38. LTE Peak to Average Ratio(NTNV)(Subtest:38, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.22	13	Pass



Average Power
21.90 dBm
44.66 % at 0dB

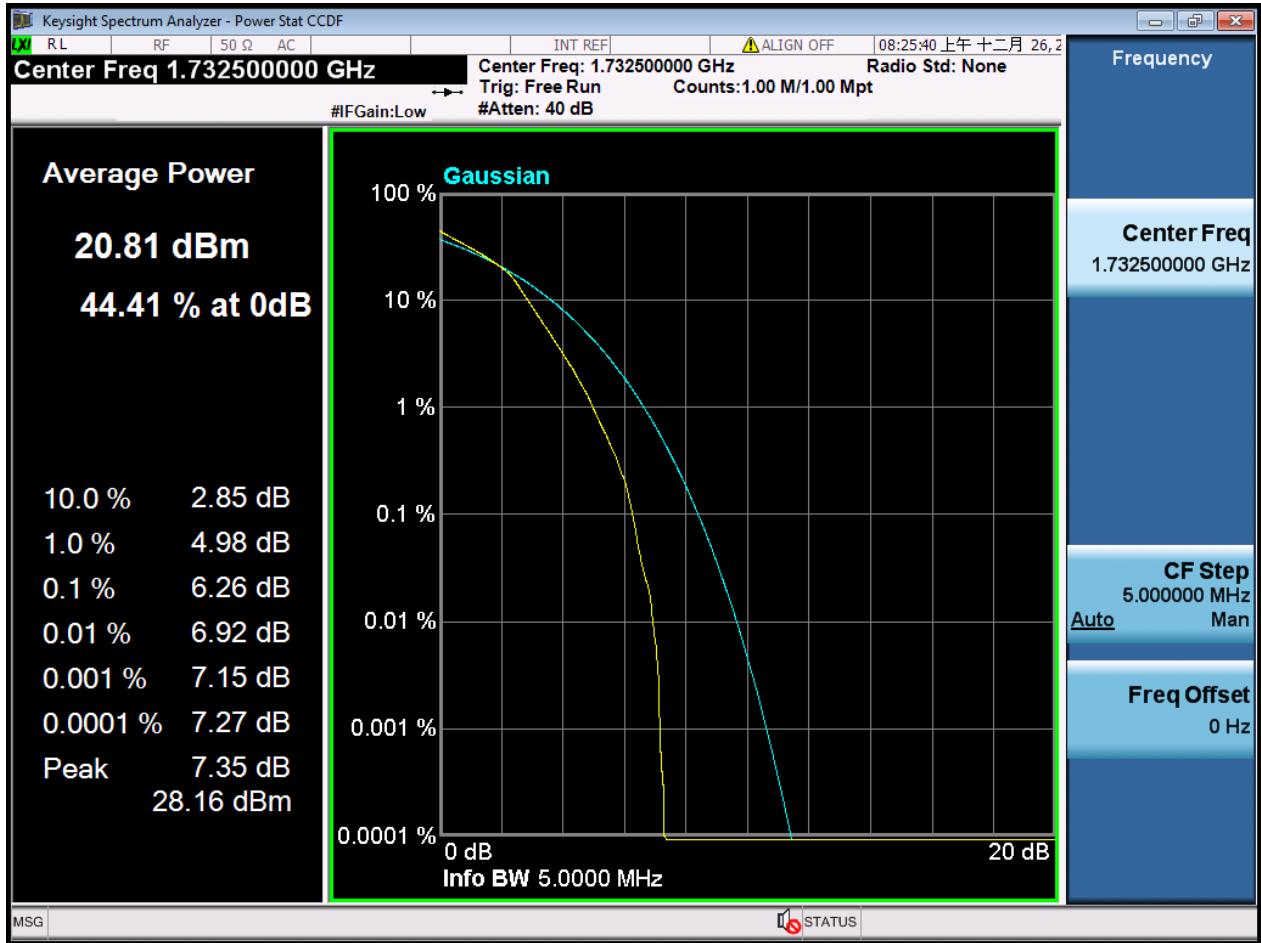
10.0 %	2.84 dB
1.0 %	4.69 dB
0.1 %	5.22 dB
0.01 %	5.45 dB
0.001 %	5.49 dB
0.0001 %	5.52 dB
Peak	5.54 dB
	27.44 dBm

Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

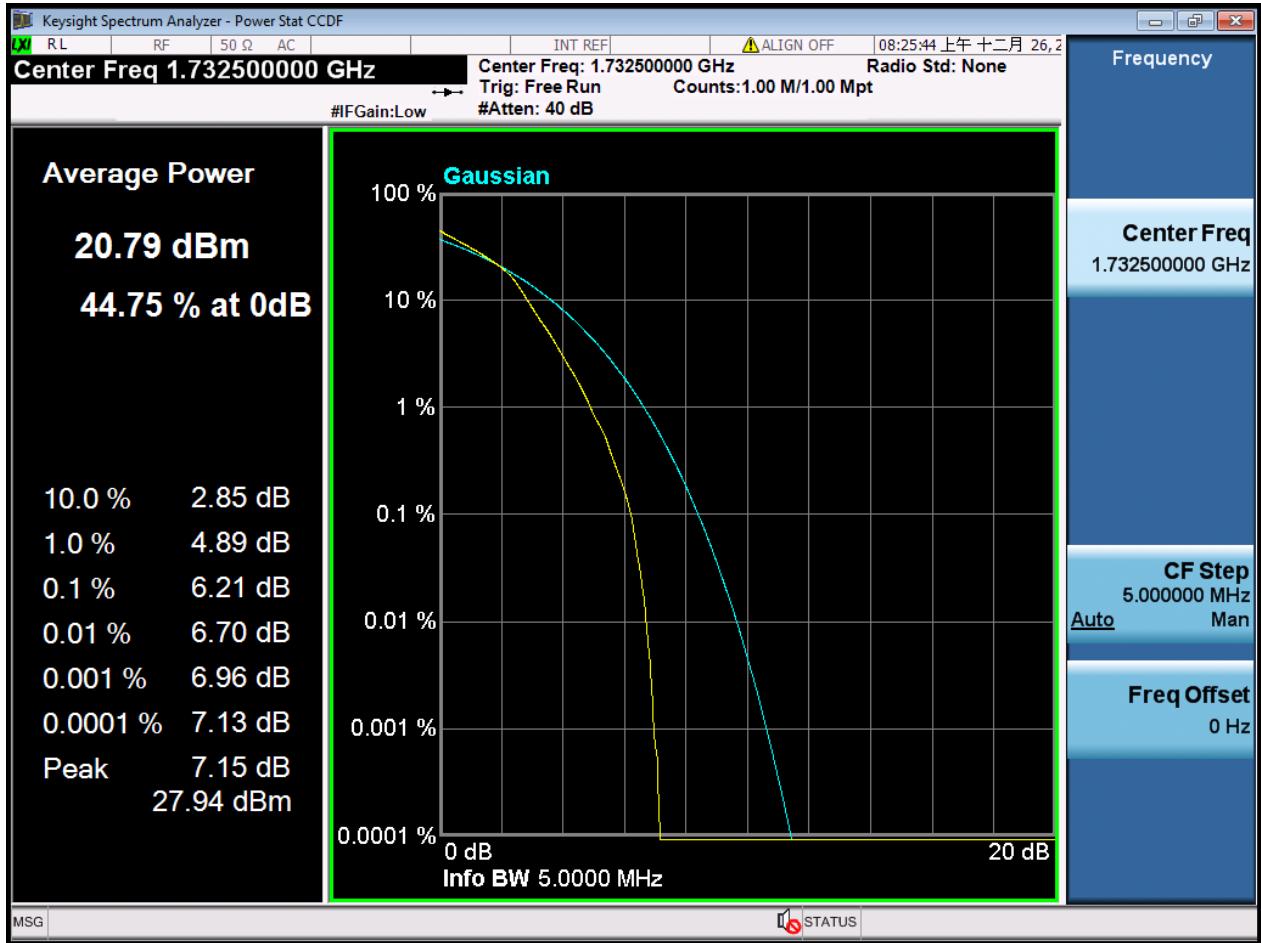
1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.26	13	Pass



1.40. LTE Peak to Average Ratio(NTNV)(Subtest:40, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.21	13	Pass



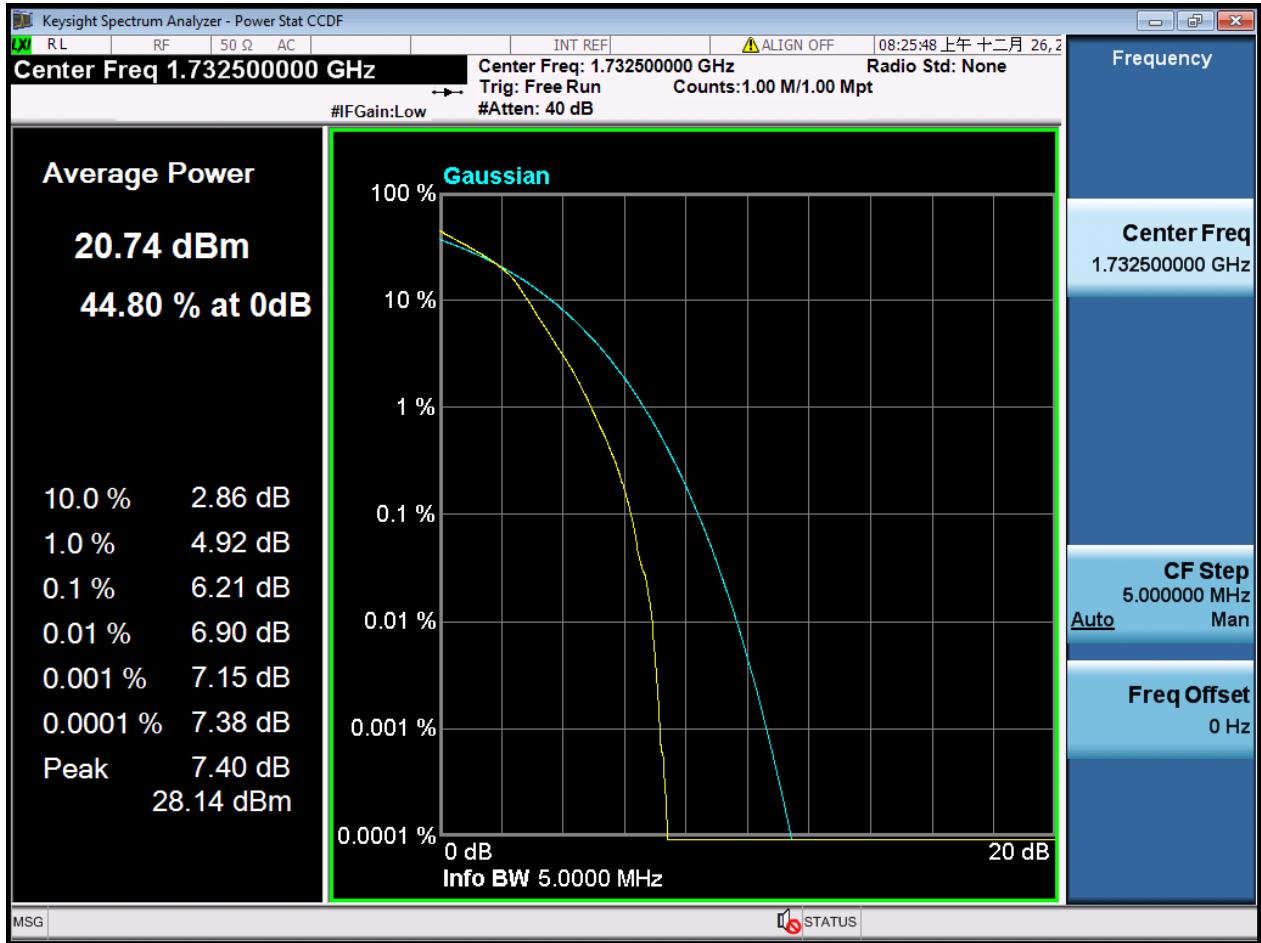
The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF test. The center frequency is set to 1.732500000 GHz. The plot displays the Cumulative Distribution Function (CCDF) of power, with the x-axis representing power in dB (from 0 dB to 20 dB) and the y-axis representing percentage (from 0.0001 % to 100 %). A cyan curve represents the measured data, which closely follows a yellow Gaussian envelope. The plot is titled "Gaussian". The "Info BW" is listed as 5.0000 MHz. On the left, a summary table provides detailed power statistics:

Average Power	20.79 dBm
	44.75 % at 0dB
10.0 %	2.85 dB
1.0 %	4.89 dB
0.1 %	6.21 dB
0.01 %	6.70 dB
0.001 %	6.96 dB
0.0001 %	7.13 dB
Peak	7.15 dB
	27.94 dBm

On the right side of the interface, there are three vertical panels: "Frequency" (showing the center frequency), "CF Step" (set to 5.00000 MHz), and "Freq Offset" (set to 0 Hz).

1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.21	13	Pass



Average Power
20.74 dBm
44.80 % at 0dB

10.0 %	2.86 dB
1.0 %	4.92 dB
0.1 %	6.21 dB
0.01 %	6.90 dB
0.001 %	7.15 dB
0.0001 %	7.38 dB
Peak	7.40 dB
	28.14 dBm

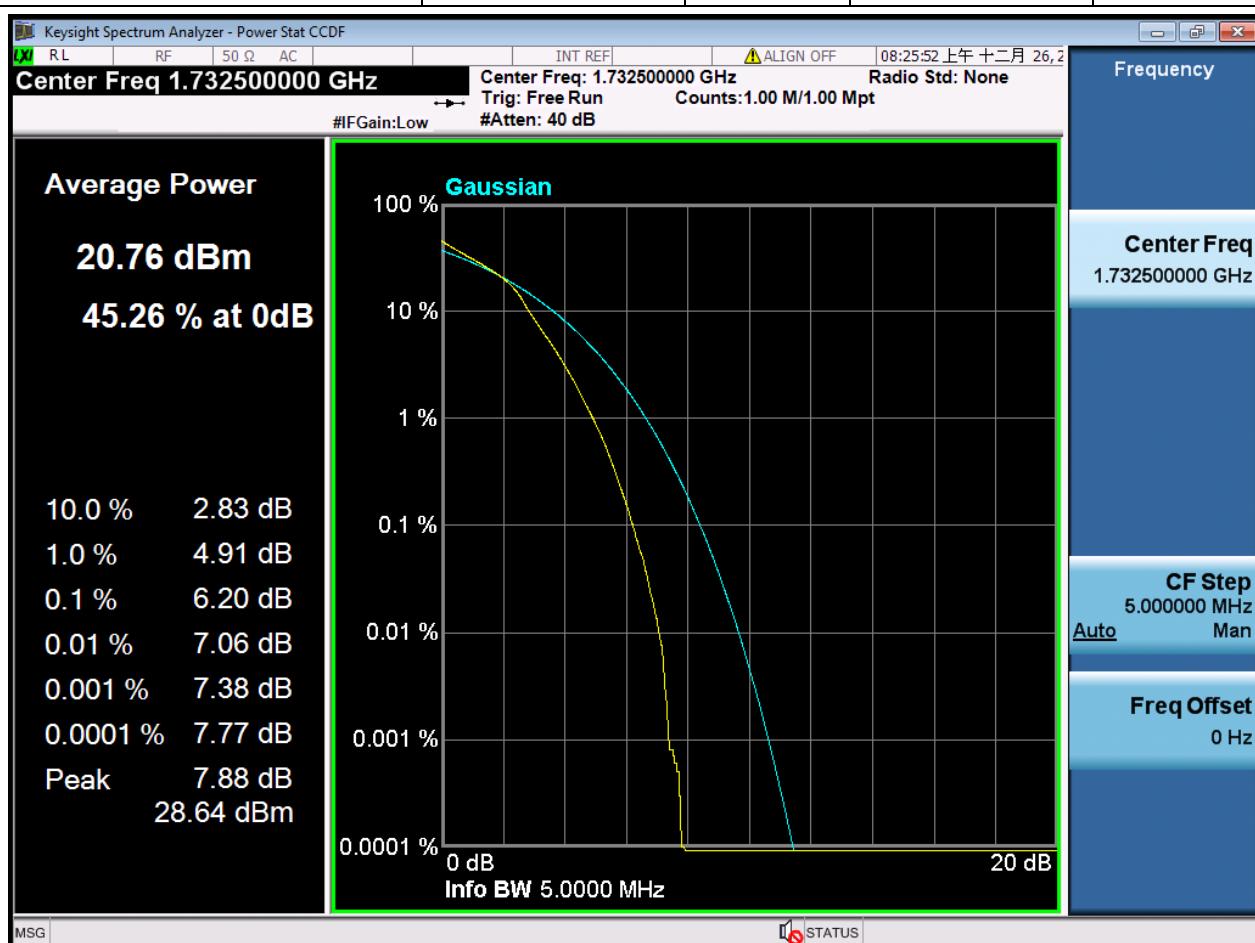
Center Freq
1.732500000 GHz

 CF Step
5.000000 MHz
Man

 Freq Offset
0 Hz

1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.2	13	Pass



Average Power
20.76 dBm
45.26 % at 0dB

10.0 %	2.83 dB
1.0 %	4.91 dB
0.1 %	6.20 dB
0.01 %	7.06 dB
0.001 %	7.38 dB
0.0001 %	7.77 dB
Peak	7.88 dB
	28.64 dBm

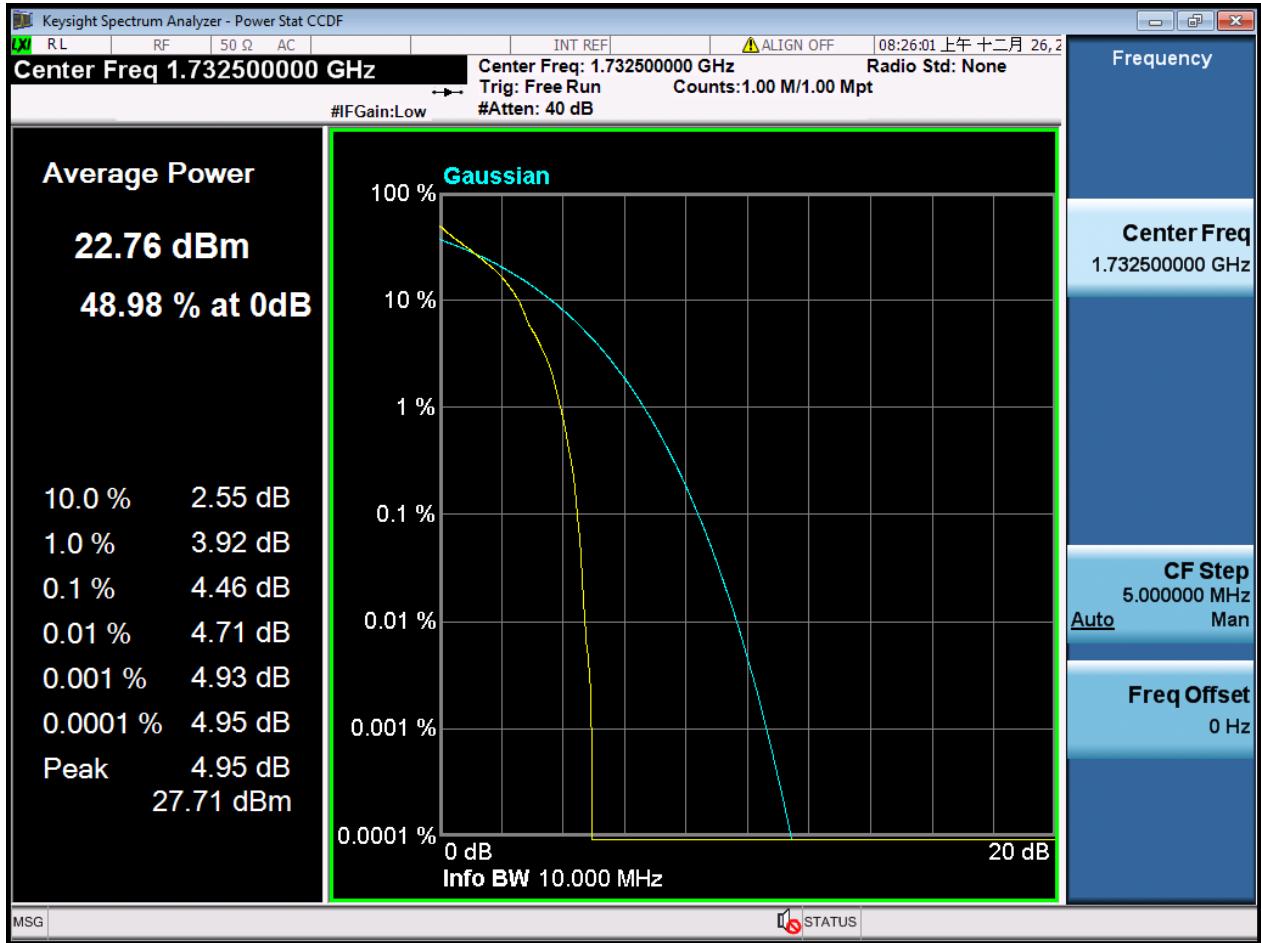
Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.43. LTE Peak to Average Ratio(NTNV)(Subtest:43, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.46	13	Pass



Average Power
22.76 dBm
48.98 % at 0dB

10.0 %	2.55 dB
1.0 %	3.92 dB
0.1 %	4.46 dB
0.01 %	4.71 dB
0.001 %	4.93 dB
0.0001 %	4.95 dB
Peak	4.95 dB
	27.71 dBm

Center Freq 1.732500000 GHz

Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Gaussian

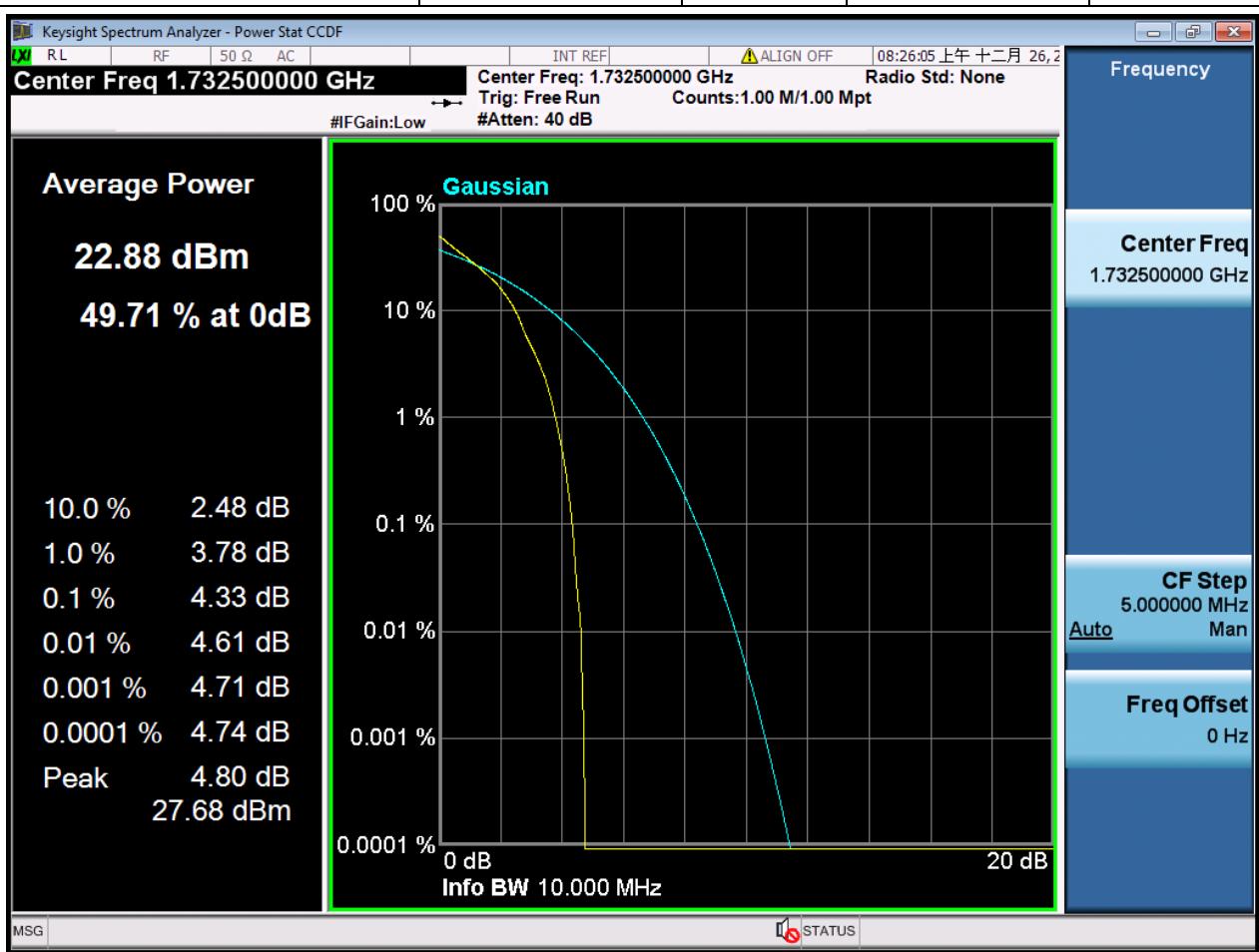
CF Step 5.000000 MHz Man
Auto

Freq Offset 0 Hz

MSG STATUS

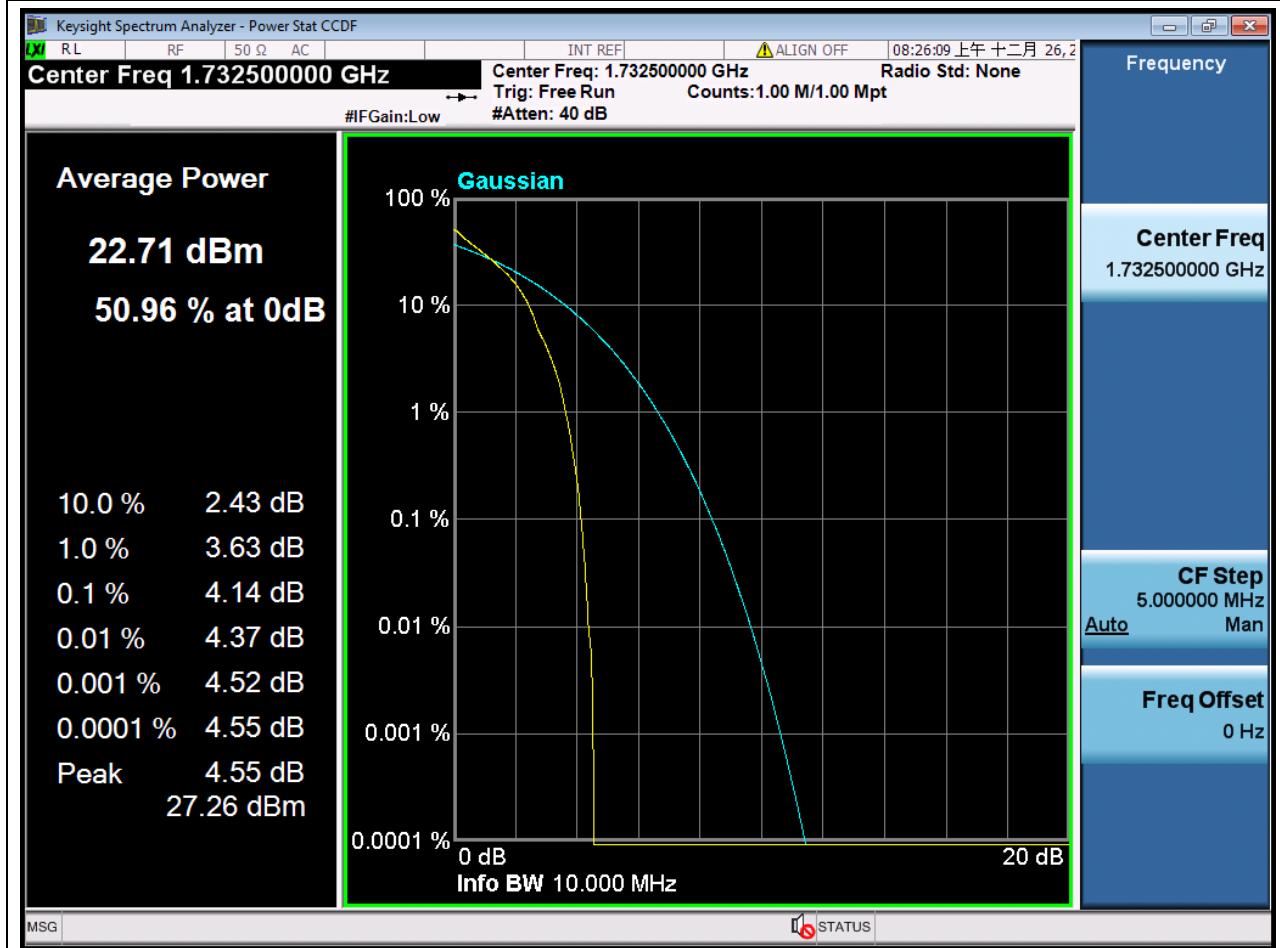
1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.33	13	Pass



1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.14	13	Pass



1.46. LTE Peak to Average Ratio(NTNV)(Subtest:46, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.35	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:26:13 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

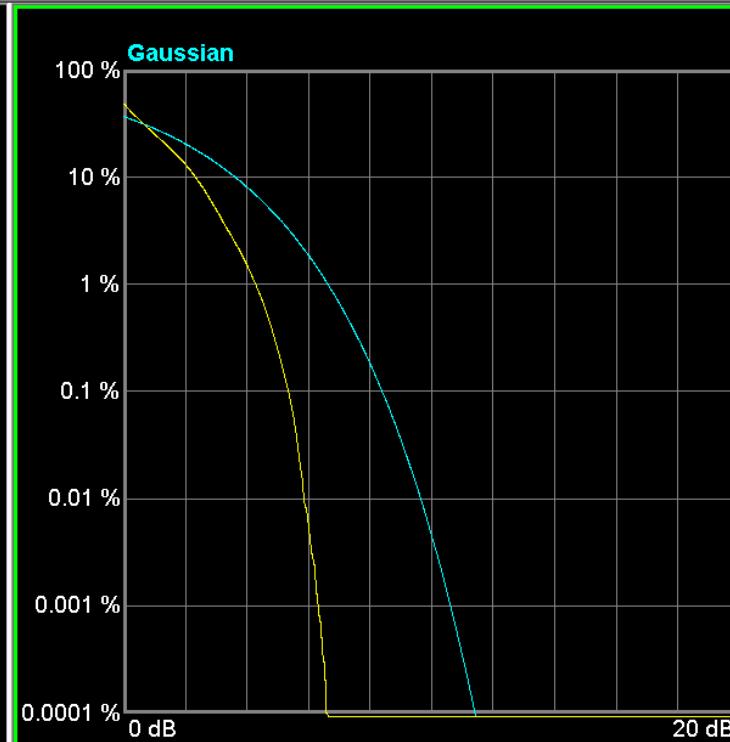
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.78 dBm
48.37 % at 0dB

10.0 % 2.33 dB
1.0 % 4.28 dB
0.1 % 5.35 dB
0.01 % 5.85 dB
0.001 % 6.31 dB
0.0001 % 6.58 dB
Peak 6.62 dB
28.40 dBm

Gaussian



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

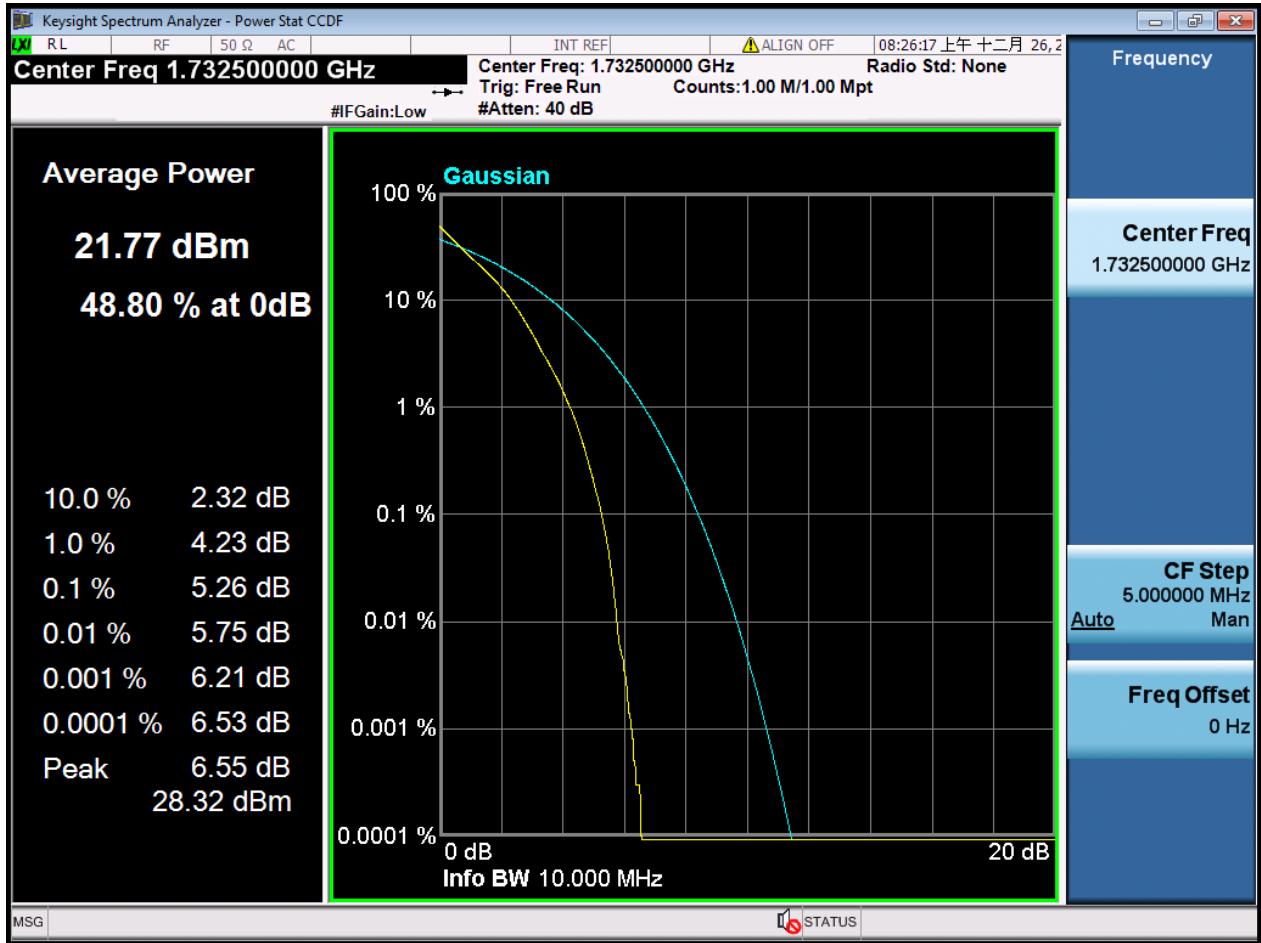
0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.26	13	Pass



Average Power
21.77 dBm
48.80 % at 0dB

10.0 %	2.32 dB
1.0 %	4.23 dB
0.1 %	5.26 dB
0.01 %	5.75 dB
0.001 %	6.21 dB
0.0001 %	6.53 dB
Peak	6.55 dB
	28.32 dBm

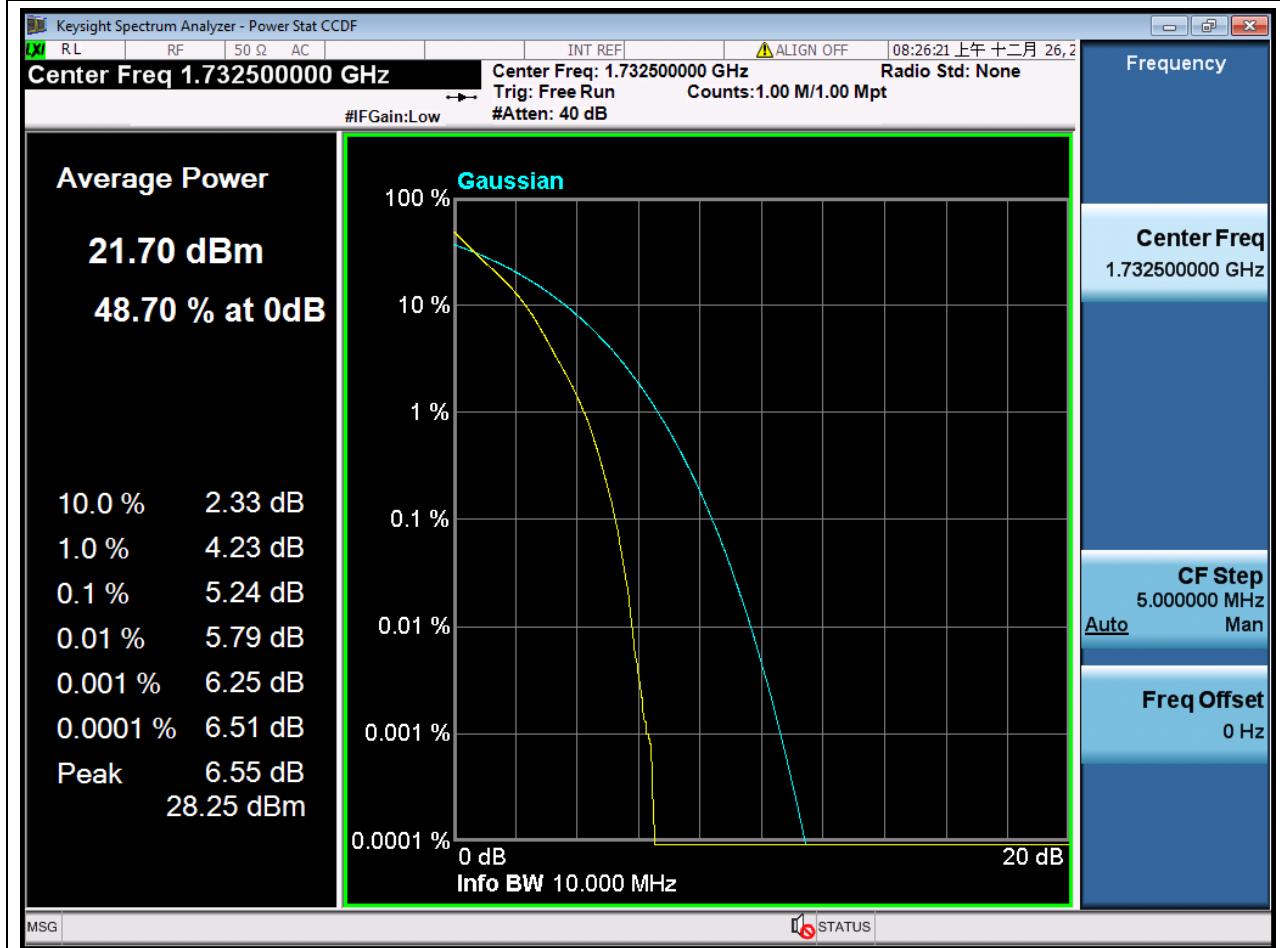
Gaussian

Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency: 1.732500000 GHz
CF Step: 5.000000 MHz
Freq Offset: 0 Hz

1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.24	13	Pass



1.49. LTE Peak to Average Ratio(NTNV)(Subtest:49, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.48	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:26:25 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

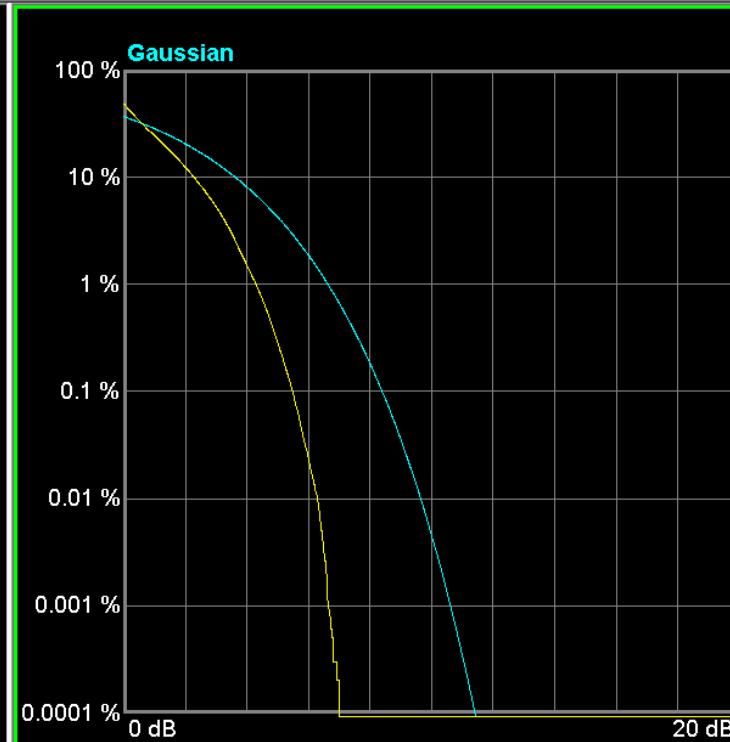
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.72 dBm
48.16 % at 0dB

10.0 % 2.28 dB
1.0 % 4.29 dB
0.1 % 5.48 dB
0.01 % 6.29 dB
0.001 % 6.63 dB
0.0001 % 6.99 dB
Peak 6.99 dB
28.71 dBm

Gaussian



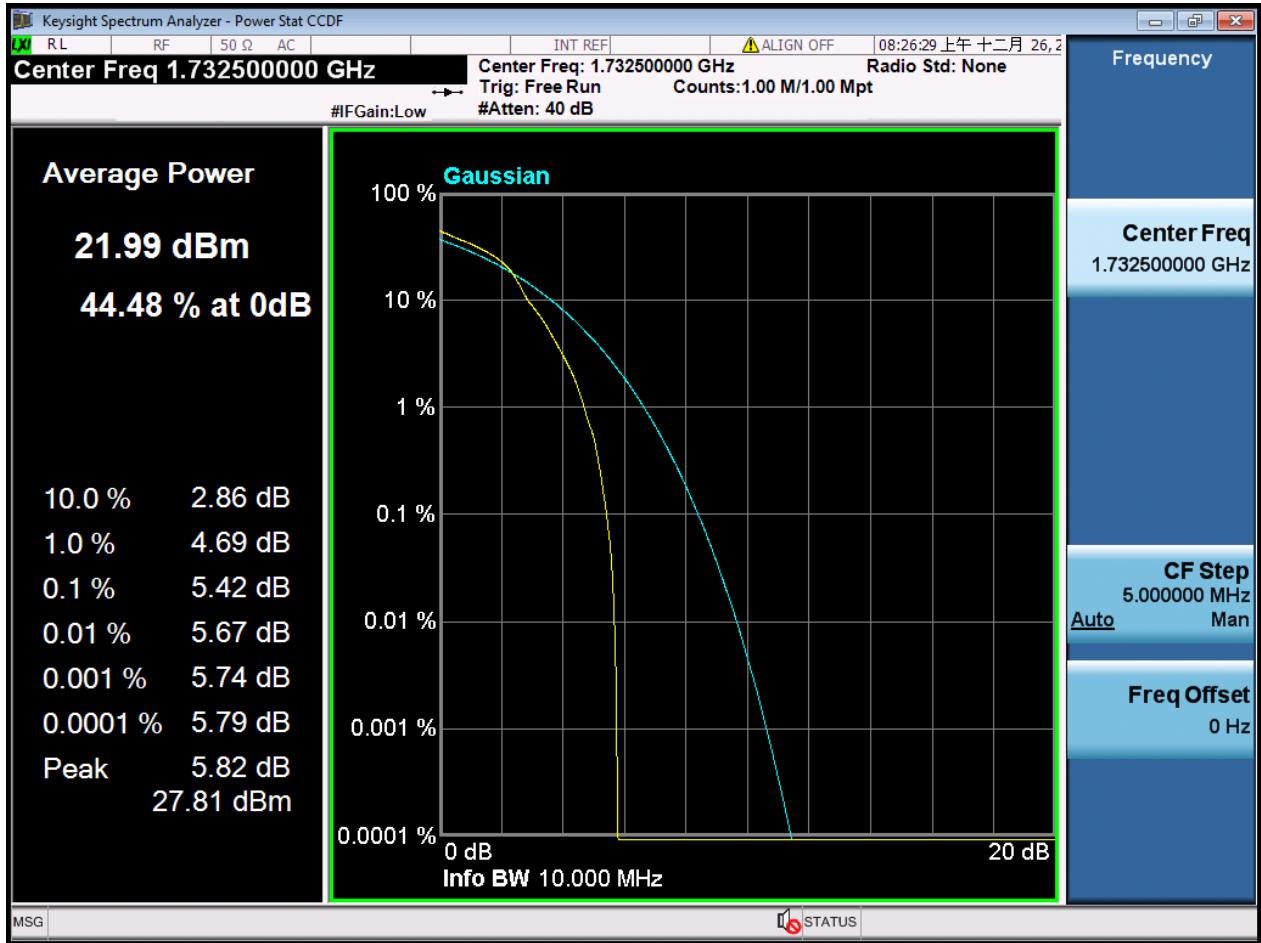
0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 1.732500000 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:20175, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.42	13	Pass



Average Power
21.99 dBm
44.48 % at 0dB

10.0 %	2.86 dB
1.0 %	4.69 dB
0.1 %	5.42 dB
0.01 %	5.67 dB
0.001 %	5.74 dB
0.0001 %	5.79 dB
Peak	5.82 dB
	27.81 dBm

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

1.51. LTE Peak to Average Ratio(NTNV)(Subtest:51, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.24	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:26:33 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.08 dBm
45.17 % at 0dB

10.0 % 2.85 dB
1.0 % 4.58 dB
0.1 % 5.24 dB
0.01 % 5.48 dB
0.001 % 5.55 dB
0.0001 % 5.57 dB
Peak 5.64 dB
27.72 dBm

Gaussian



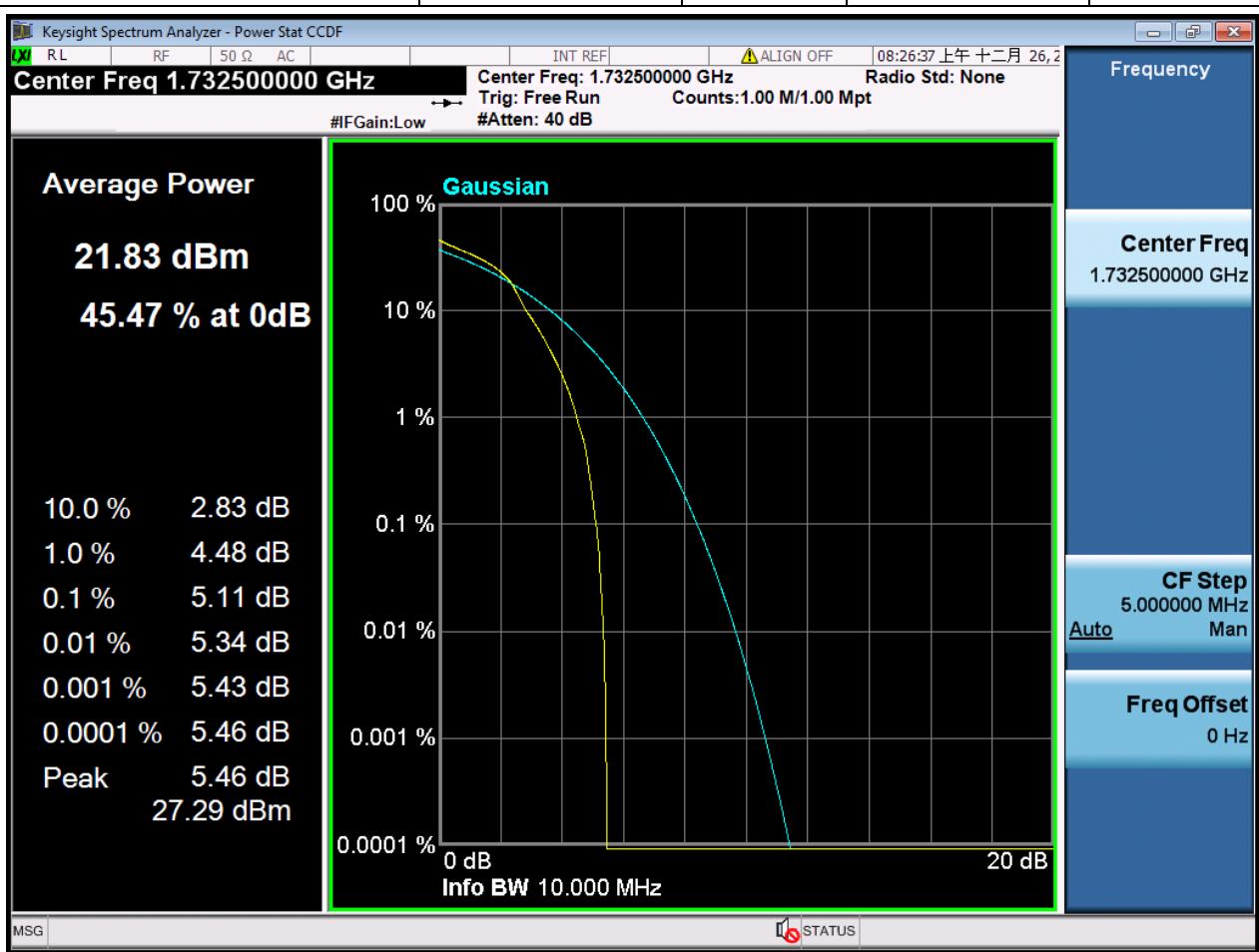
Info BW 10.000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

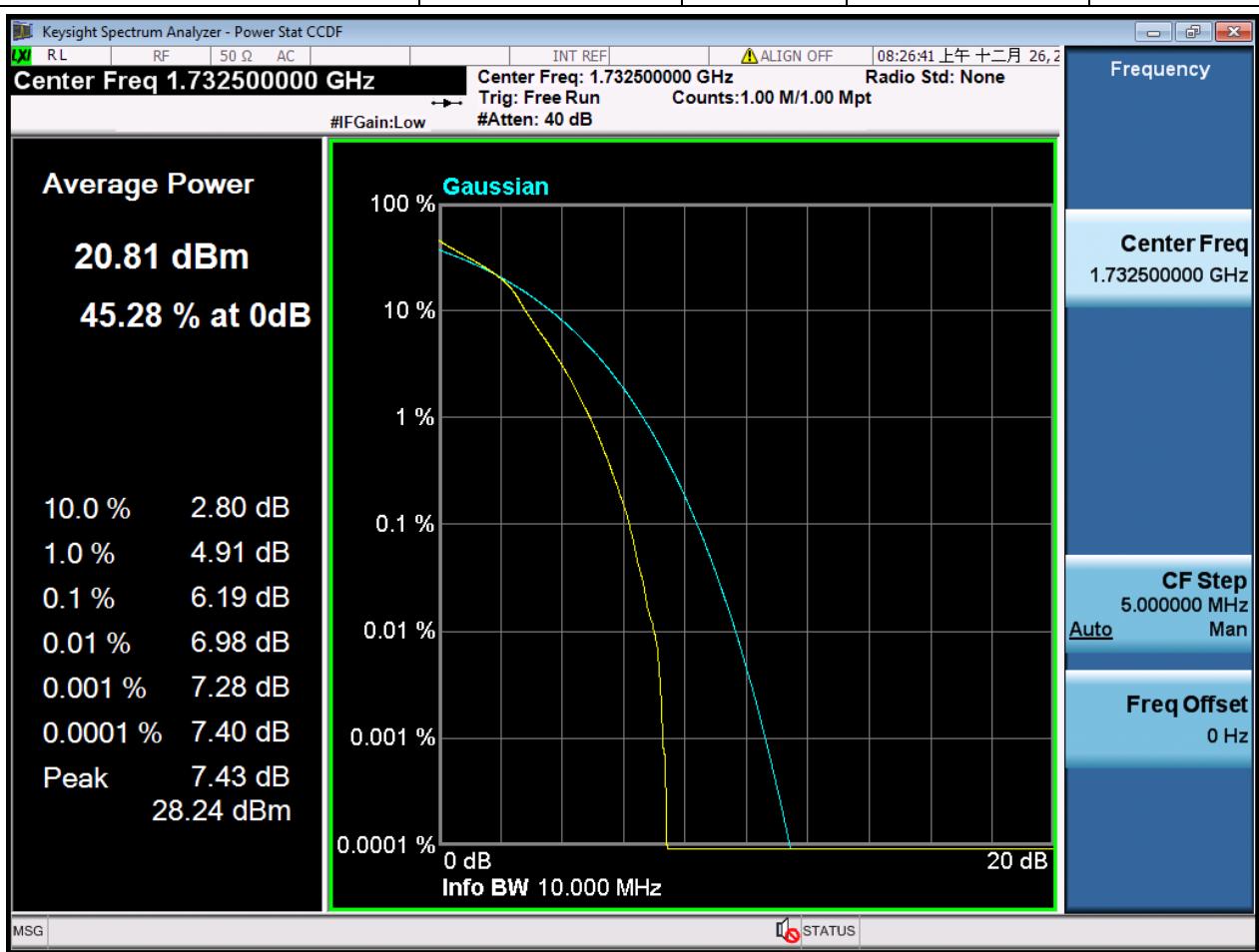
1.52. LTE Peak to Average Ratio(NTNV)(Subtest:52, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.11	13	Pass



1.53. LTE Peak to Average Ratio(NTNV)(Subtest:53, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.19	13	Pass



Average Power
20.81 dBm
45.28 % at 0dB

10.0 %	2.80 dB
1.0 %	4.91 dB
0.1 %	6.19 dB
0.01 %	6.98 dB
0.001 %	7.28 dB
0.0001 %	7.40 dB
Peak	7.43 dB
	28.24 dBm

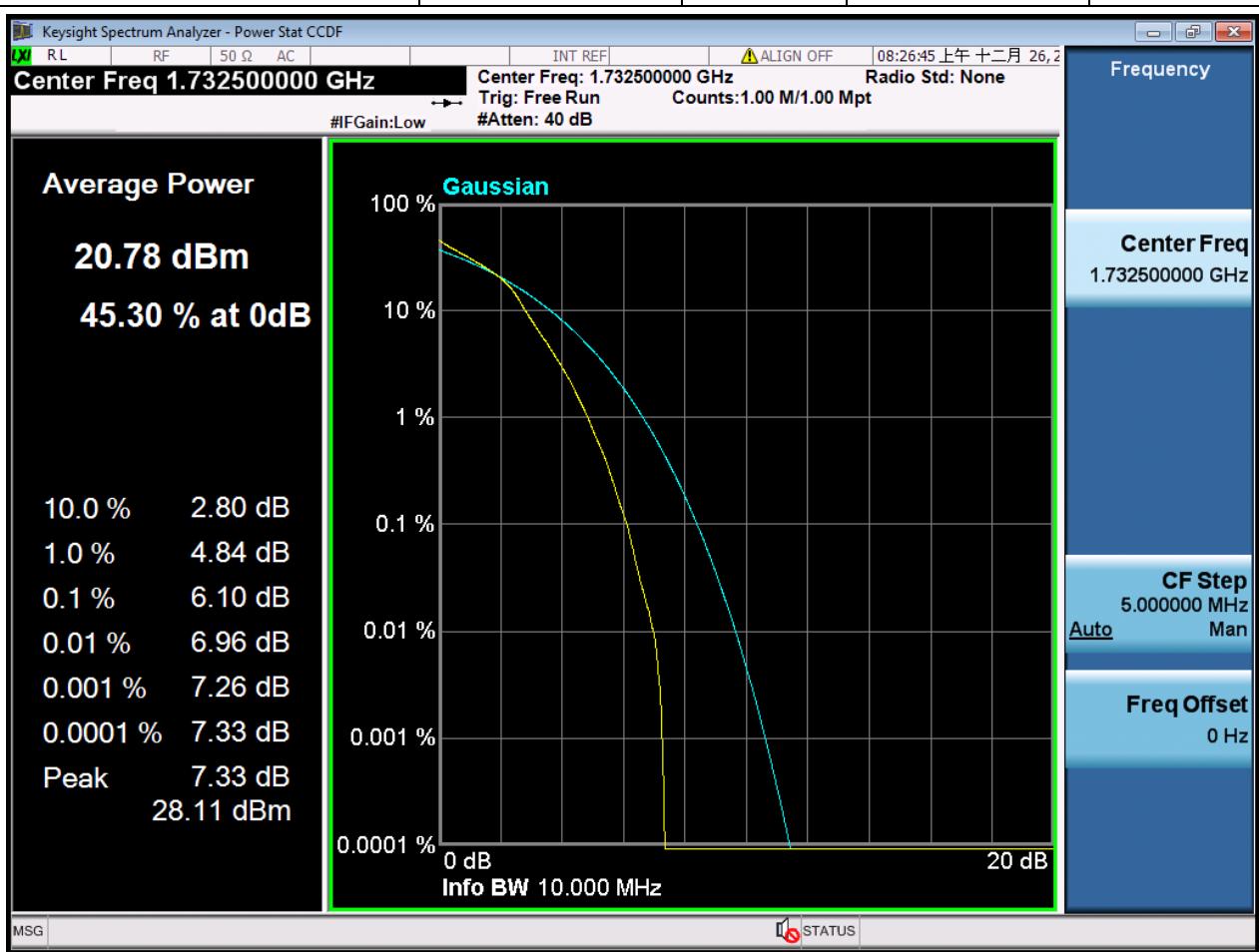
Center Freq
1.732500000 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.1	13	Pass



Average Power
20.78 dBm
45.30 % at 0dB

10.0 %	2.80 dB
1.0 %	4.84 dB
0.1 %	6.10 dB
0.01 %	6.96 dB
0.001 %	7.26 dB
0.0001 %	7.33 dB
Peak	7.33 dB
	28.11 dBm

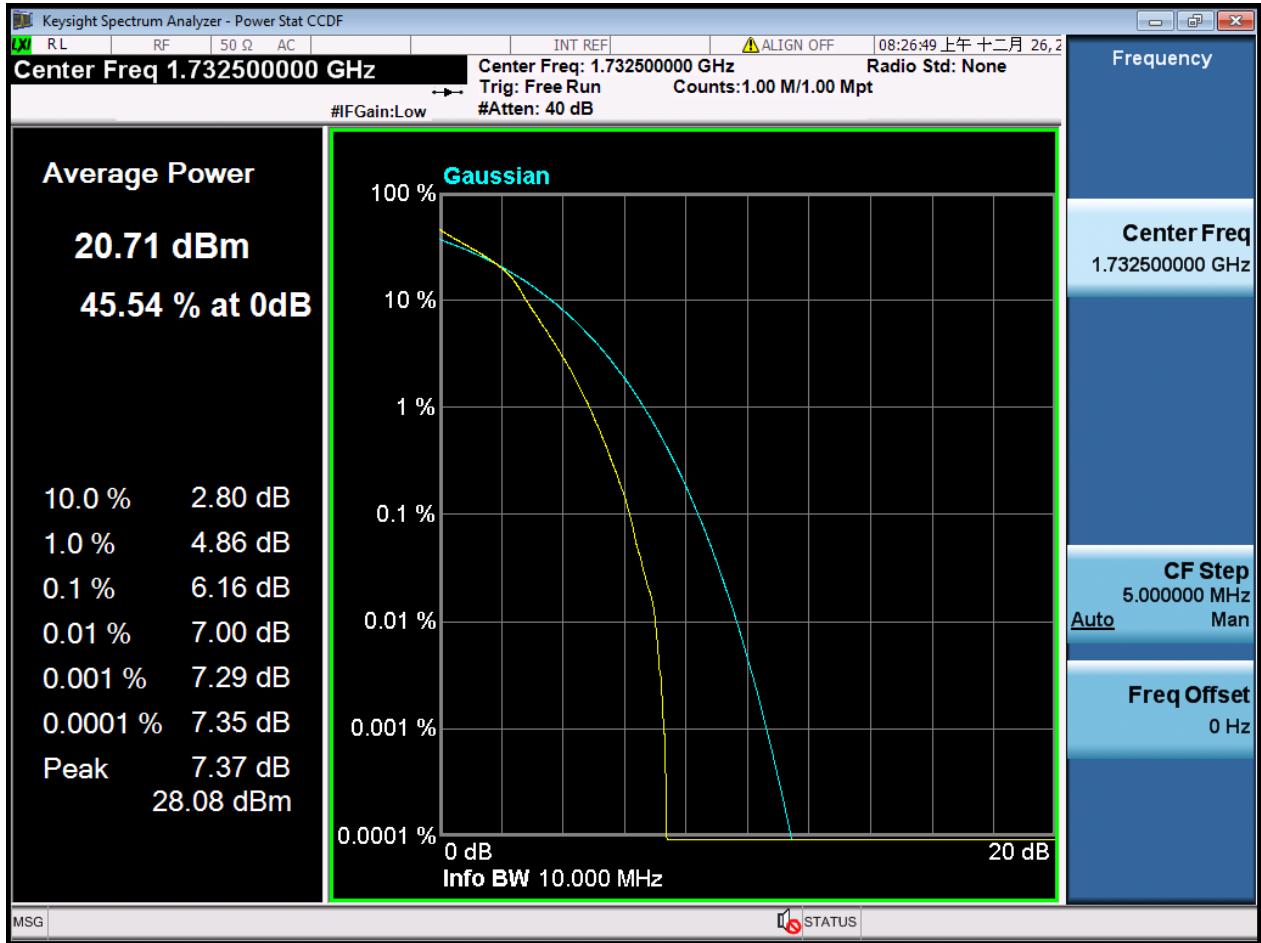
Gaussian

Center Freq: 1.732500000 GHz
Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

1.55. LTE Peak to Average Ratio(NTNV)(Subtest:55, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.16	13	Pass



Average Power
20.71 dBm
45.54 % at 0dB

10.0 %	2.80 dB
1.0 %	4.86 dB
0.1 %	6.16 dB
0.01 %	7.00 dB
0.001 %	7.29 dB
0.0001 %	7.35 dB
Peak	7.37 dB
	28.08 dBm

1.56. LTE Peak to Average Ratio(NTNV)(Subtest:56, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.15	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:26:53 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
20.71 dBm
45.47 % at 0dB

10.0 % 2.83 dB
1.0 % 4.90 dB
0.1 % 6.15 dB
0.01 % 6.86 dB
0.001 % 7.46 dB
0.0001 % 7.87 dB
Peak 7.93 dB
28.64 dBm

Gaussian



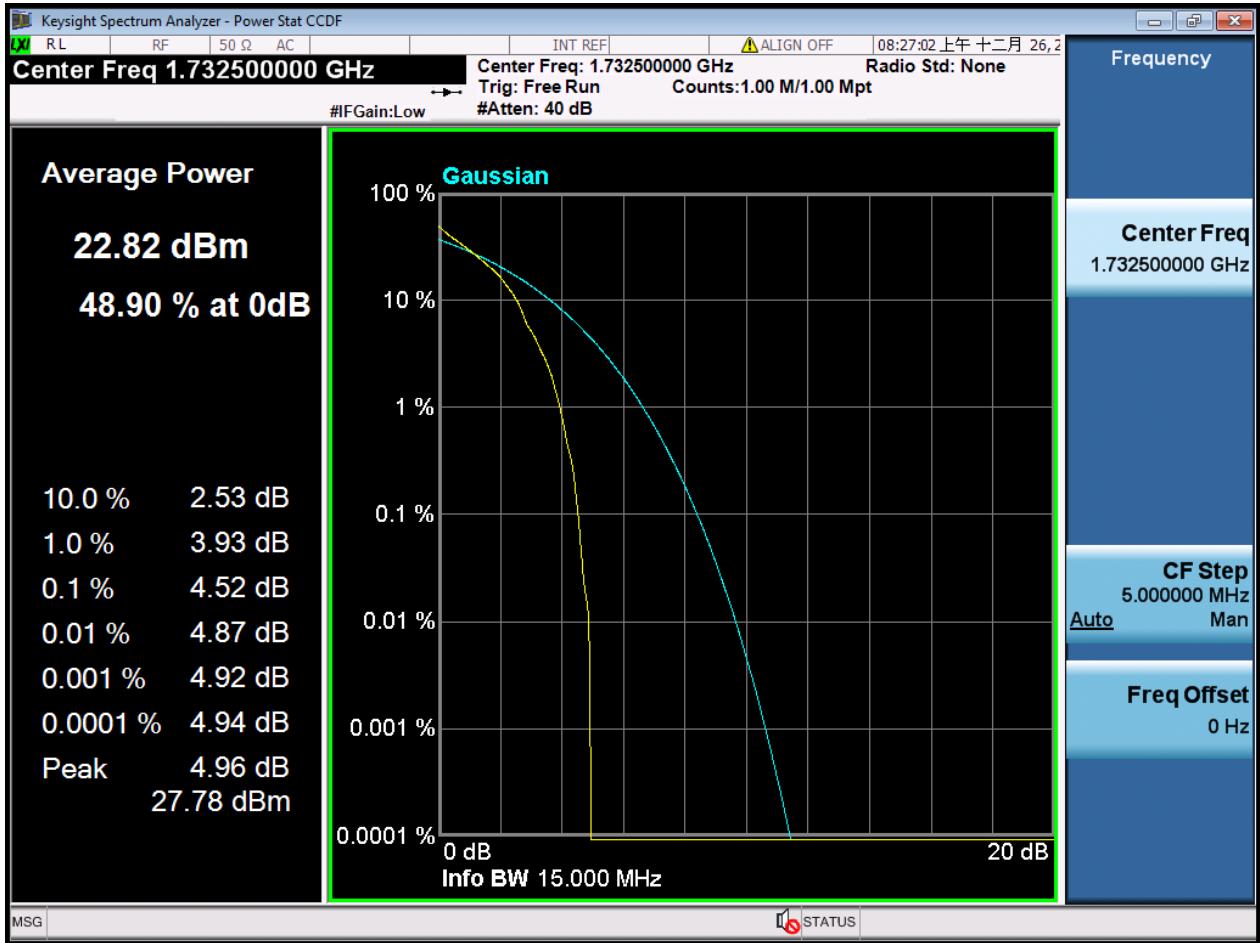
0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

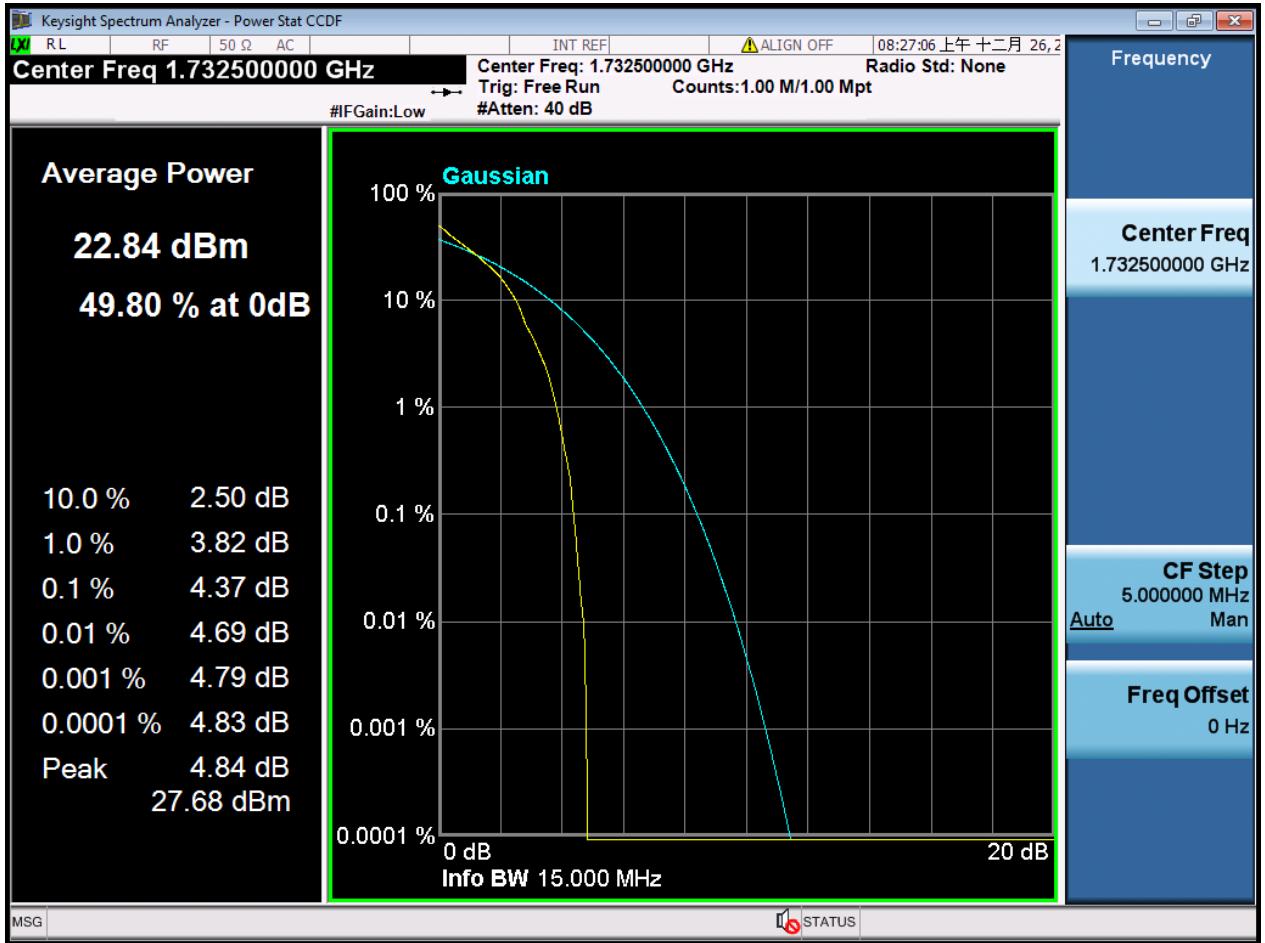
1.57. LTE Peak to Average Ratio(NTNV)(Subtest:57, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.52	13	Pass



1.58. LTE Peak to Average Ratio(NTNV)(Subtest:58, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.37	13	Pass



Average Power
22.84 dBm
49.80 % at 0dB

10.0 %	2.50 dB
1.0 %	3.82 dB
0.1 %	4.37 dB
0.01 %	4.69 dB
0.001 %	4.79 dB
0.0001 %	4.83 dB
Peak	4.84 dB
	27.68 dBm

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.59. LTE Peak to Average Ratio(NTNV)(Subtest:59, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.03	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:27:10 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

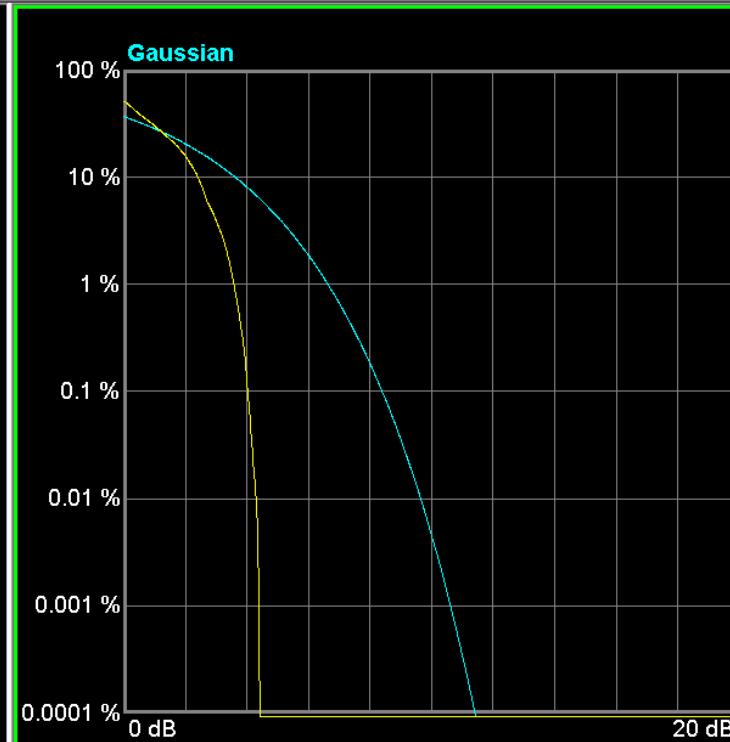
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.70 dBm
51.22 % at 0dB

10.0 % 2.41 dB
1.0 % 3.57 dB
0.1 % 4.03 dB
0.01 % 4.29 dB
0.001 % 4.39 dB
0.0001 % 4.41 dB
Peak 4.41 dB
27.11 dBm

Gaussian



0 dB 20 dB

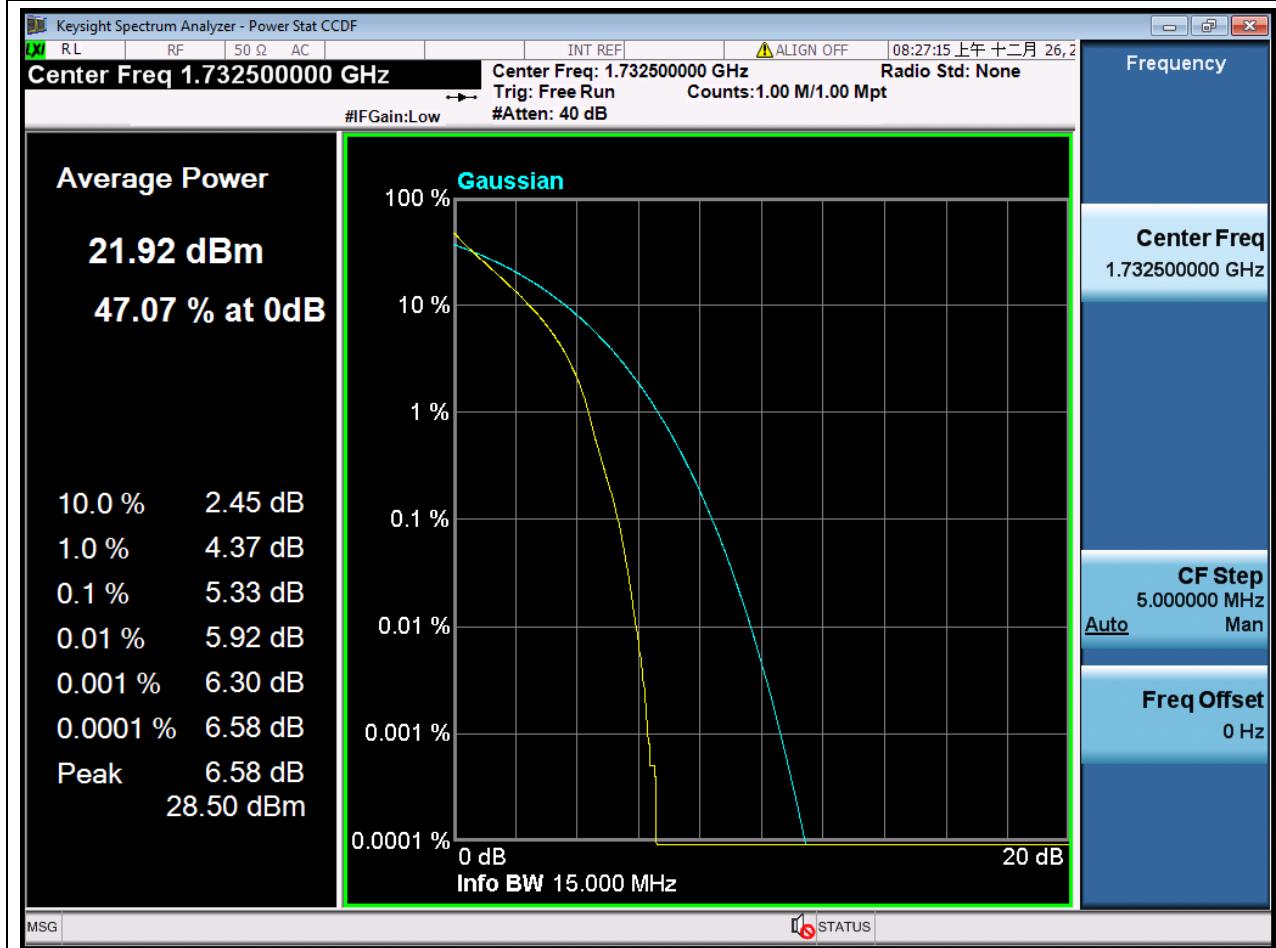
Info BW 15.000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

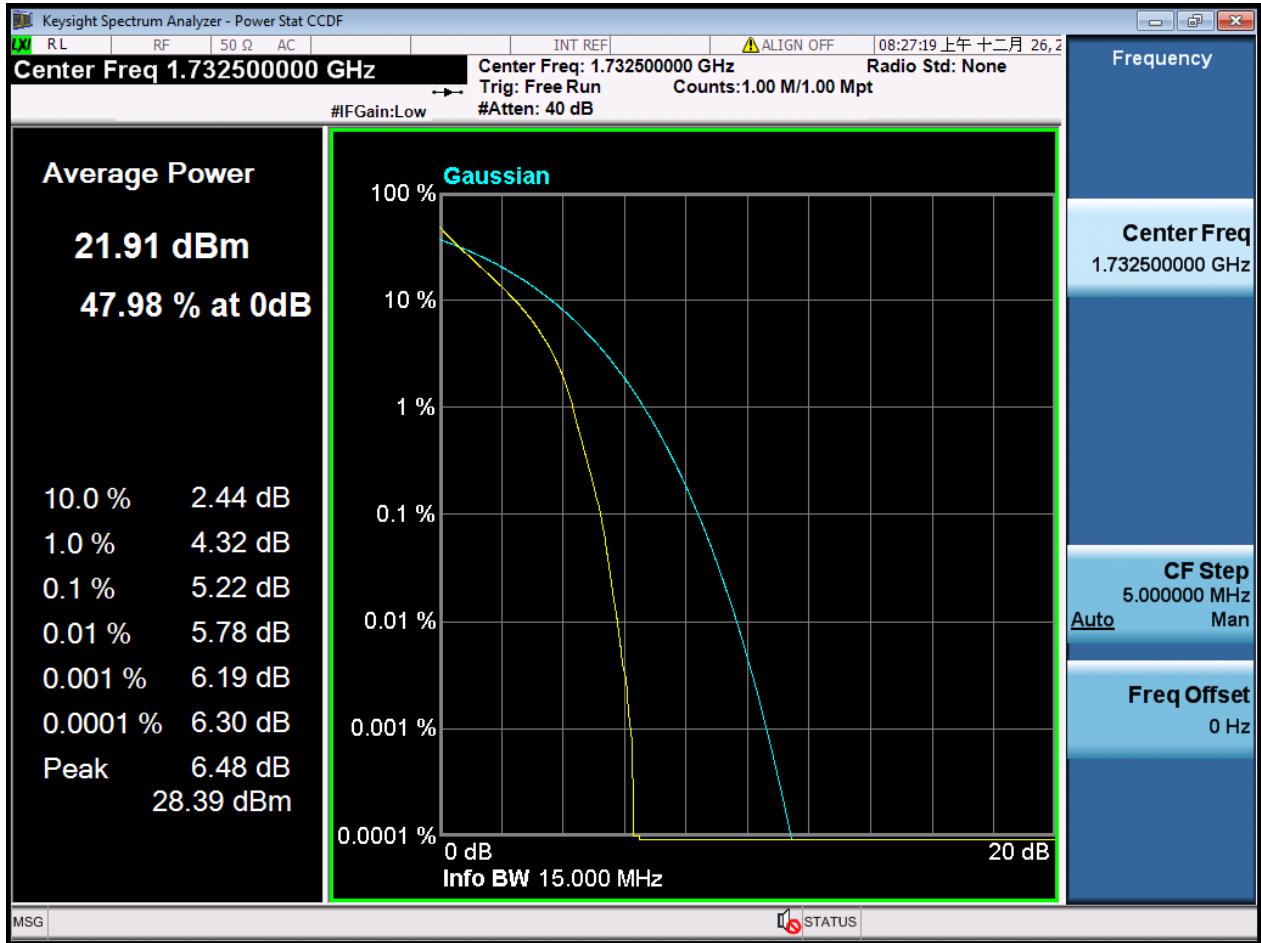
1.60. LTE Peak to Average Ratio(NTNV)(Subtest:60, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.33	13	Pass



1.61. LTE Peak to Average Ratio(NTNV)(Subtest:61, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.22	13	Pass

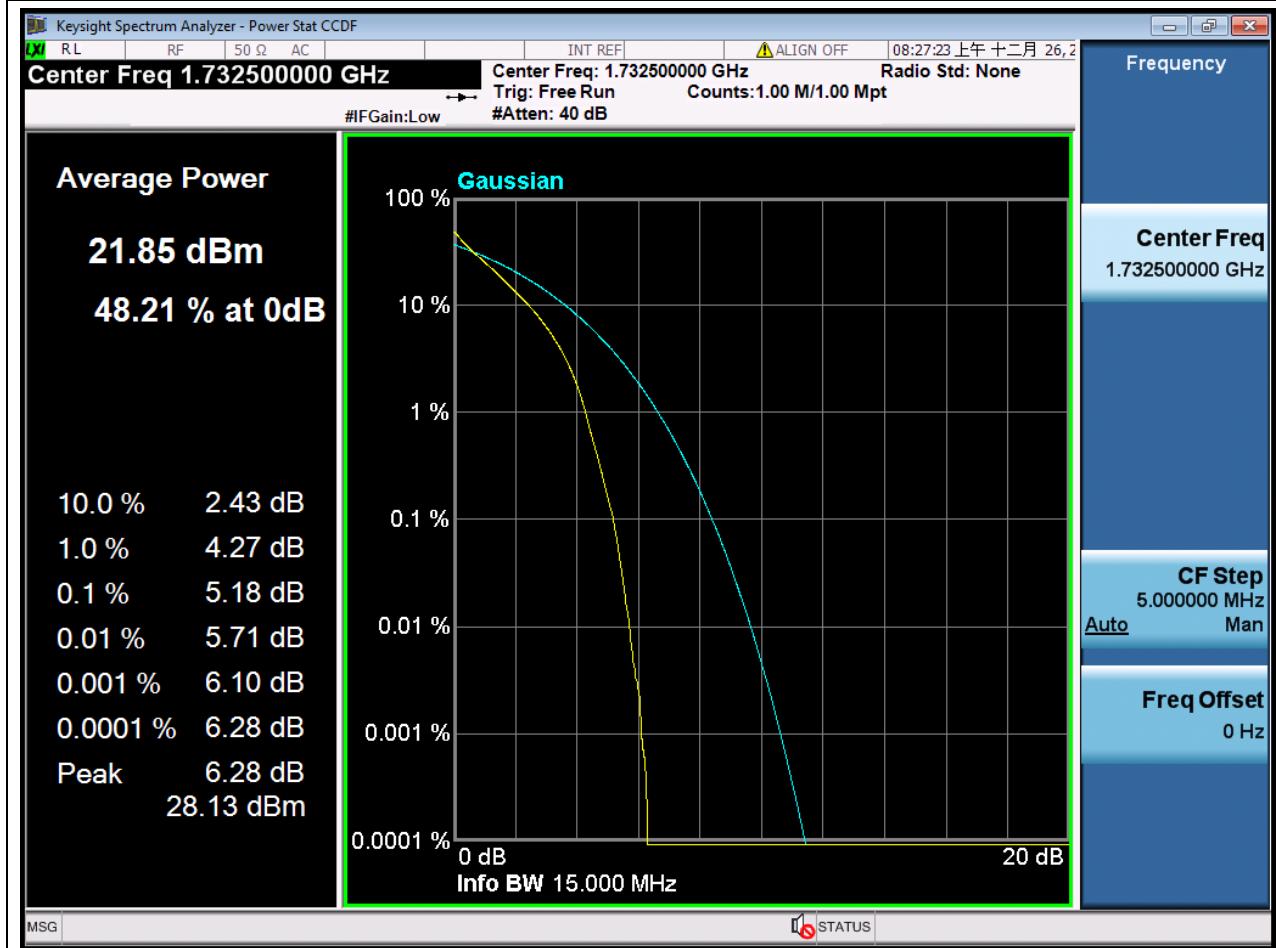


Average Power
21.91 dBm
47.98 % at 0dB

10.0 %	2.44 dB
1.0 %	4.32 dB
0.1 %	5.22 dB
0.01 %	5.78 dB
0.001 %	6.19 dB
0.0001 %	6.30 dB
Peak	6.48 dB
	28.39 dBm

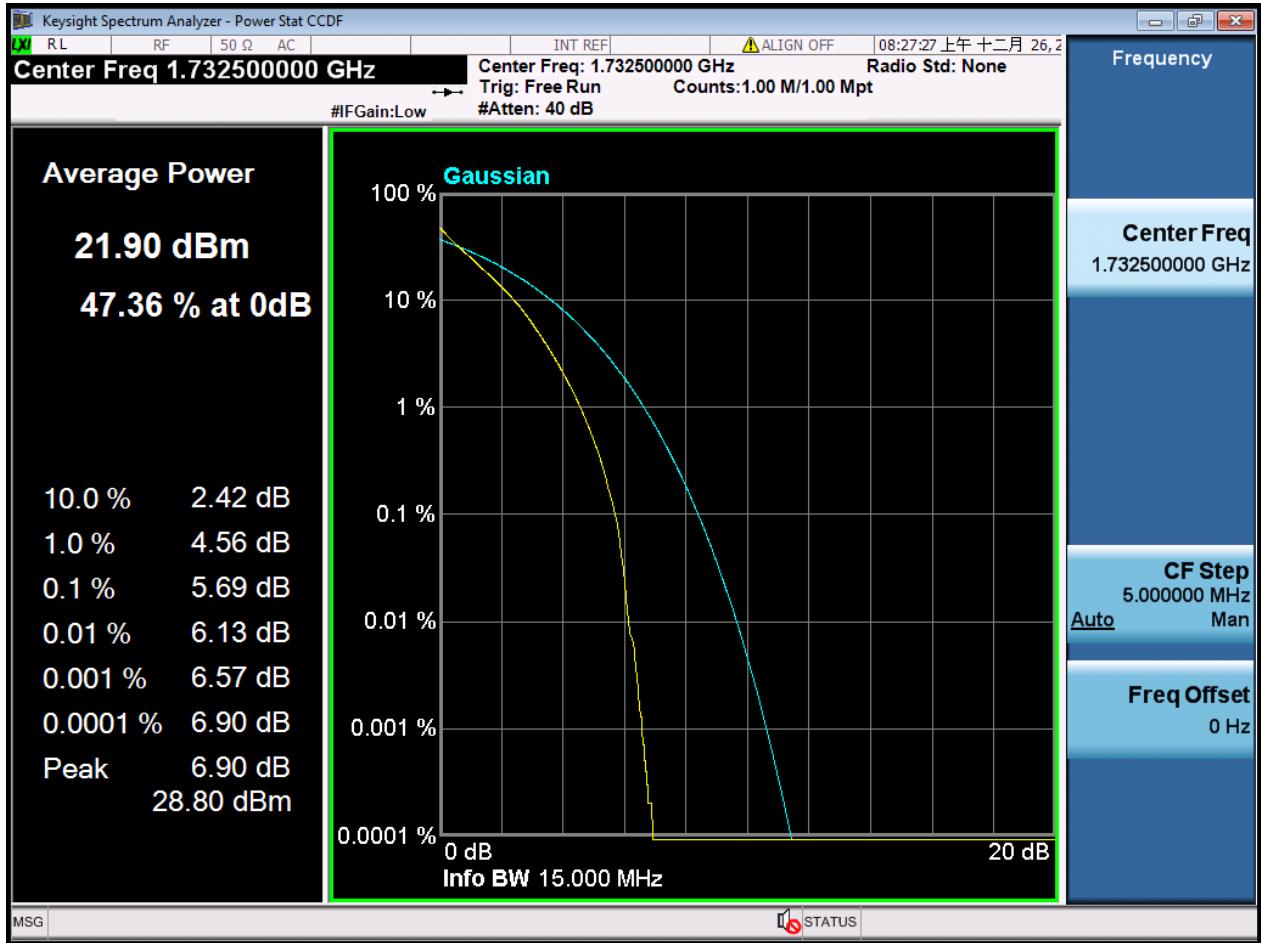
1.62. LTE Peak to Average Ratio(NTNV)(Subtest:62, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.18	13	Pass



1.63. LTE Peak to Average Ratio(NTNV)(Subtest:63, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.69	13	Pass



Average Power
21.90 dBm
47.36 % at 0dB

10.0 %	2.42 dB
1.0 %	4.56 dB
0.1 %	5.69 dB
0.01 %	6.13 dB
0.001 %	6.57 dB
0.0001 %	6.90 dB
Peak	6.90 dB
	28.80 dBm

Center Freq
1.732500000 GHz

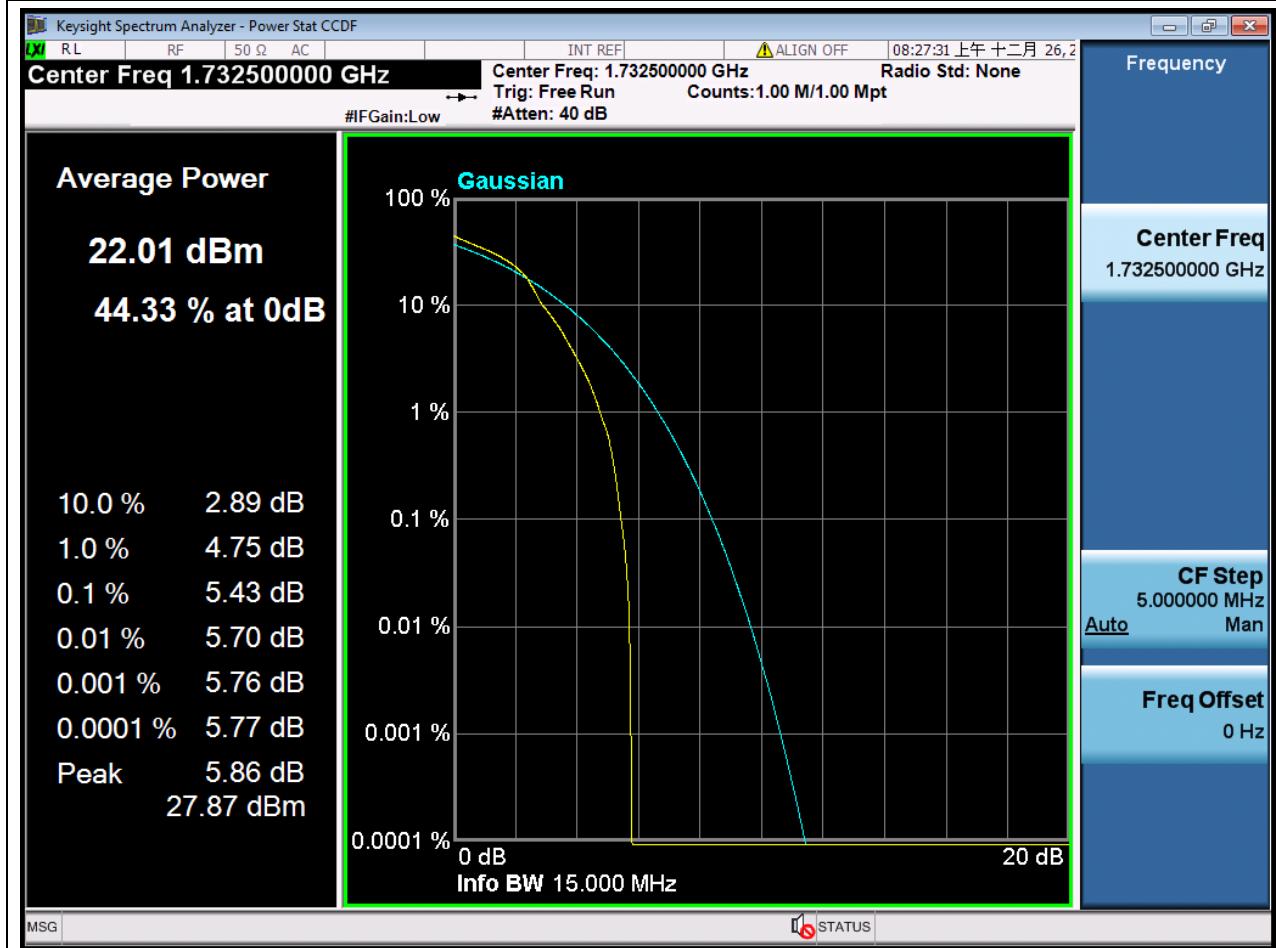
CF Step
5.000000 MHz

Freq Offset
0 Hz

MSG STATUS

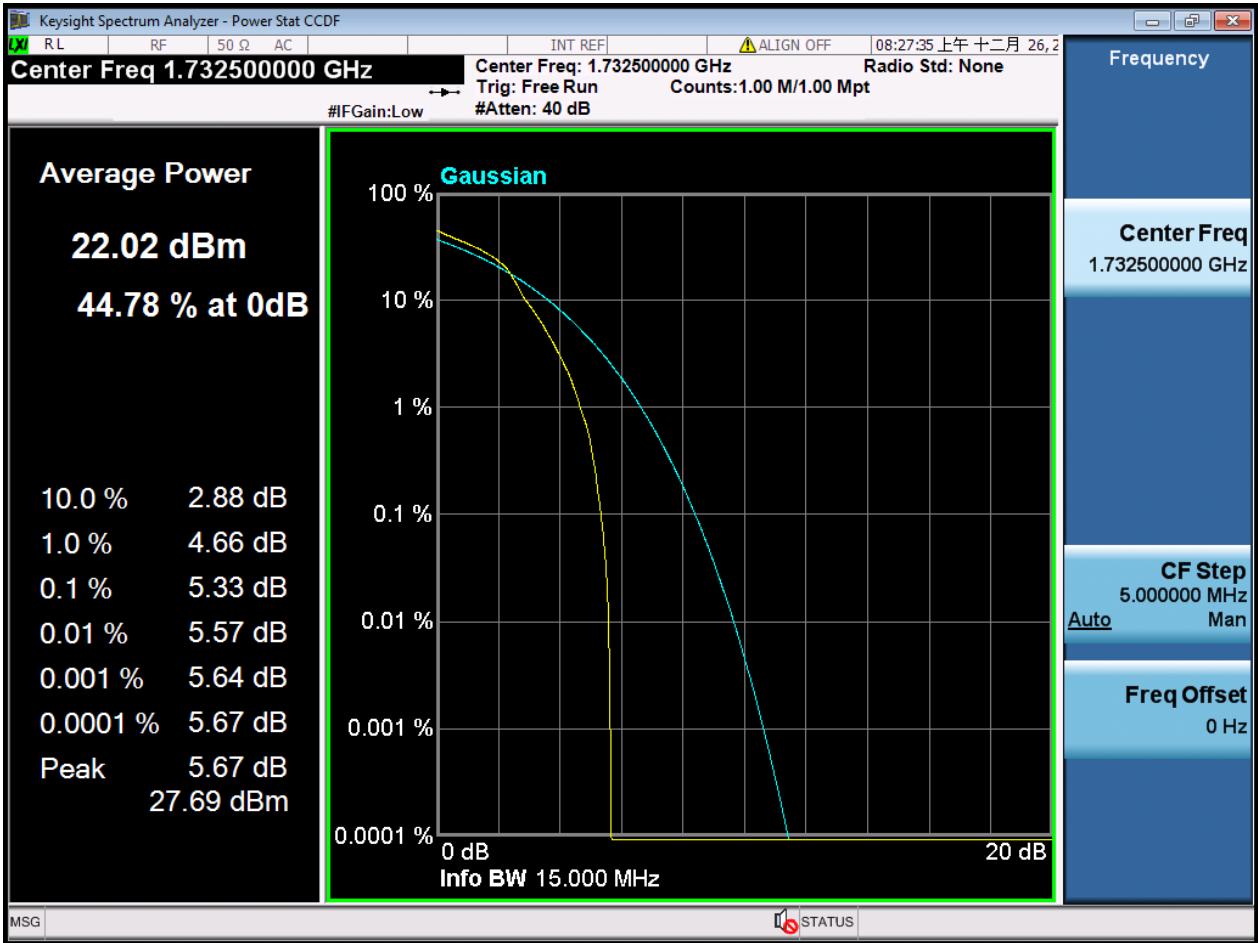
1.64. LTE Peak to Average Ratio(NTNV)(Subtest:64, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.43	13	Pass



1.65. LTE Peak to Average Ratio(NTNV)(Subtest:65, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.33	13	Pass



Average Power
22.02 dBm
44.78 % at 0dB

10.0 %	2.88 dB
1.0 %	4.66 dB
0.1 %	5.33 dB
0.01 %	5.57 dB
0.001 %	5.64 dB
0.0001 %	5.67 dB
Peak	5.67 dB
	27.69 dBm

Center Freq
1.732500000 GHz

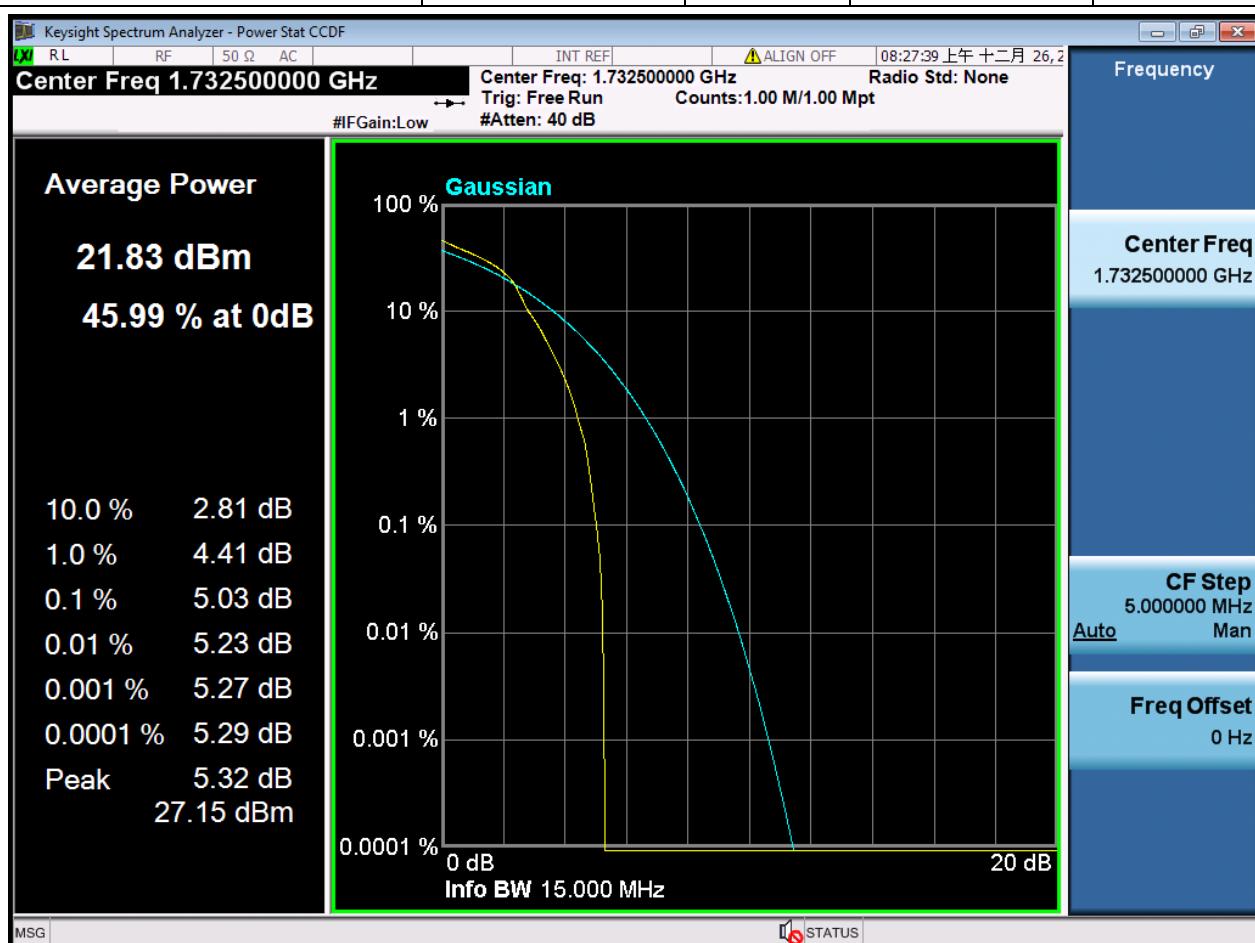
CF Step
5.000000 MHz

Auto

Freq Offset
0 Hz

1.66. LTE Peak to Average Ratio(NTNV)(Subtest:66, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.03	13	Pass



Average Power
21.83 dBm
45.99 % at 0dB

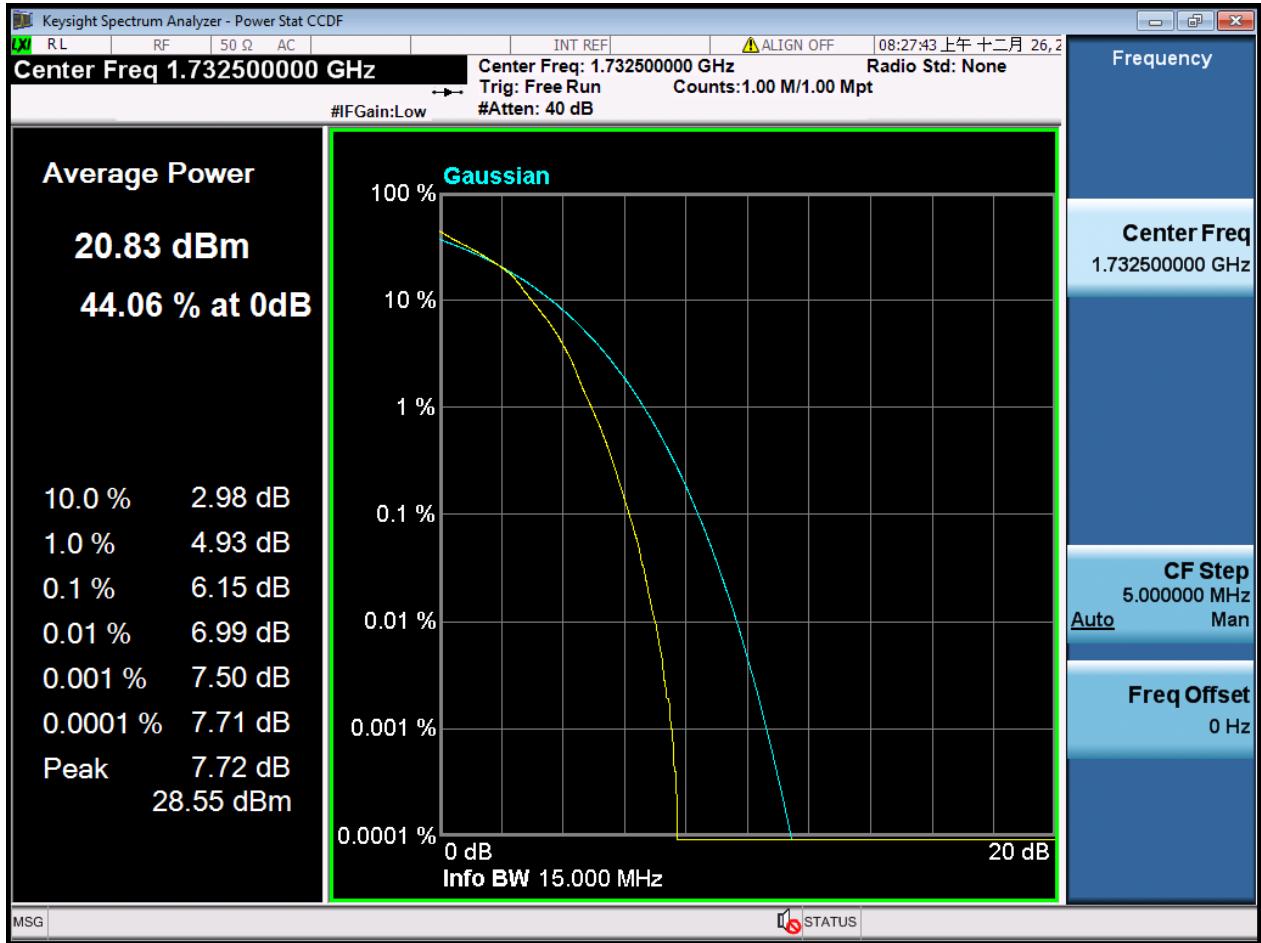
10.0 %	2.81 dB
1.0 %	4.41 dB
0.1 %	5.03 dB
0.01 %	5.23 dB
0.001 %	5.27 dB
0.0001 %	5.29 dB
Peak	5.32 dB
	27.15 dBm

Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

1.67. LTE Peak to Average Ratio(NTNV)(Subtest:67, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.15	13	Pass



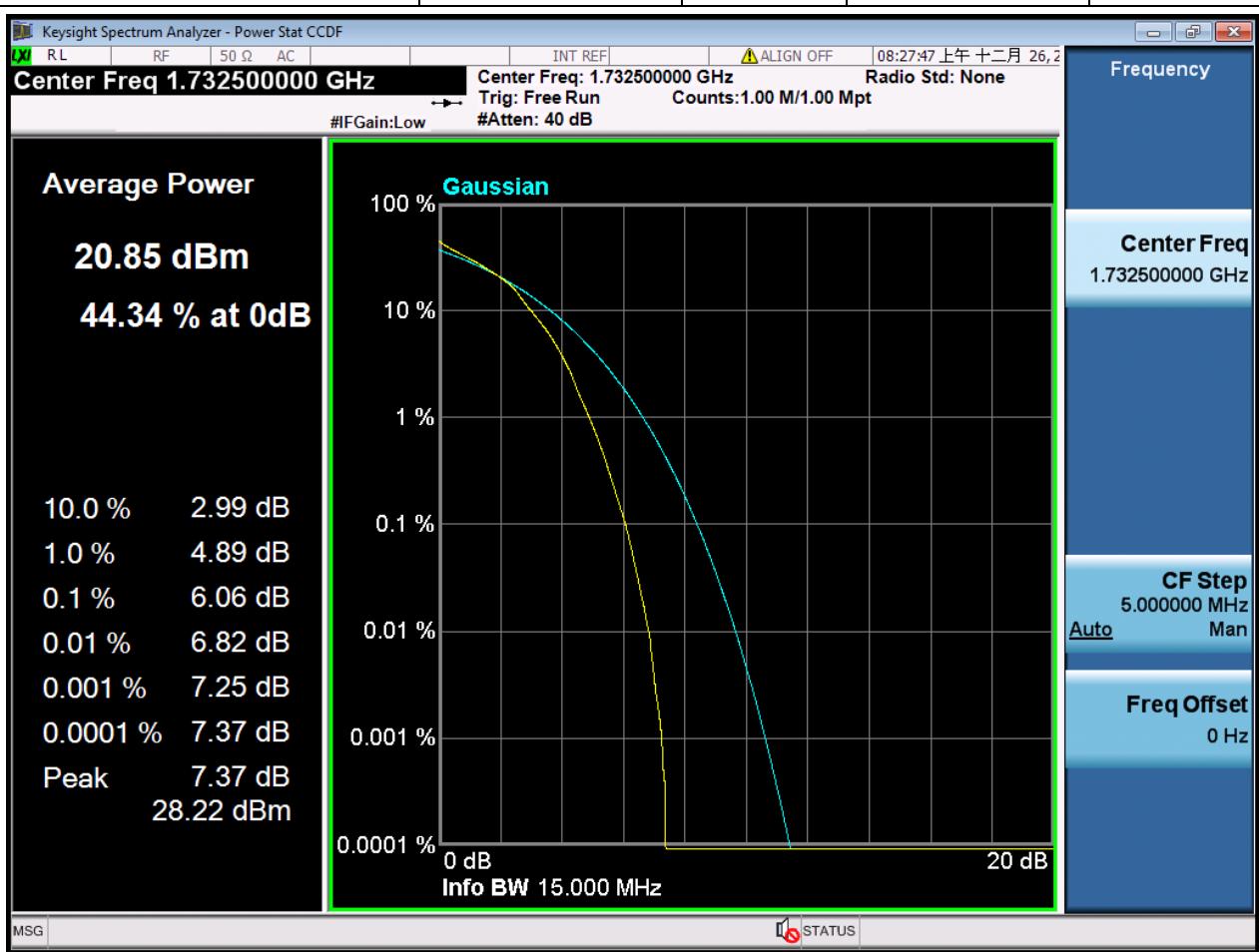
Average Power
20.83 dBm
44.06 % at 0dB

10.0 %	2.98 dB
1.0 %	4.93 dB
0.1 %	6.15 dB
0.01 %	6.99 dB
0.001 %	7.50 dB
0.0001 %	7.71 dB
Peak	7.72 dB
	28.55 dBm

Center Freq 1.732500000 GHz
CF Step 5.000000 MHz
Freq Offset 0 Hz

1.68. LTE Peak to Average Ratio(NTNV)(Subtest:68, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.06	13	Pass

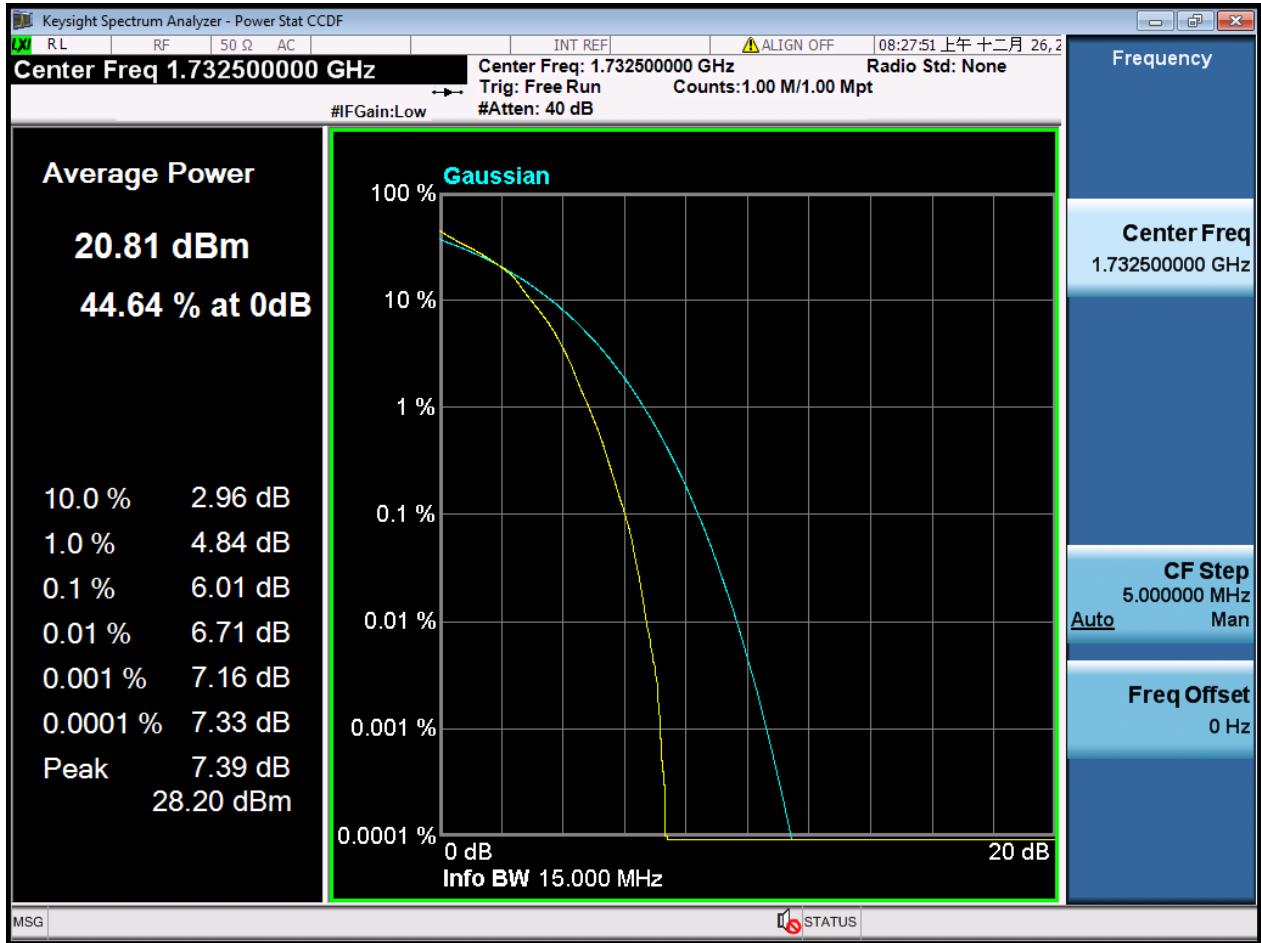


Average Power
20.85 dBm
44.34 % at 0dB

10.0 %	2.99 dB
1.0 %	4.89 dB
0.1 %	6.06 dB
0.01 %	6.82 dB
0.001 %	7.25 dB
0.0001 %	7.37 dB
Peak	7.37 dB
	28.22 dBm

1.69. LTE Peak to Average Ratio(NTNV)(Subtest:69, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.01	13	Pass



Average Power
20.81 dBm
44.64 % at 0dB

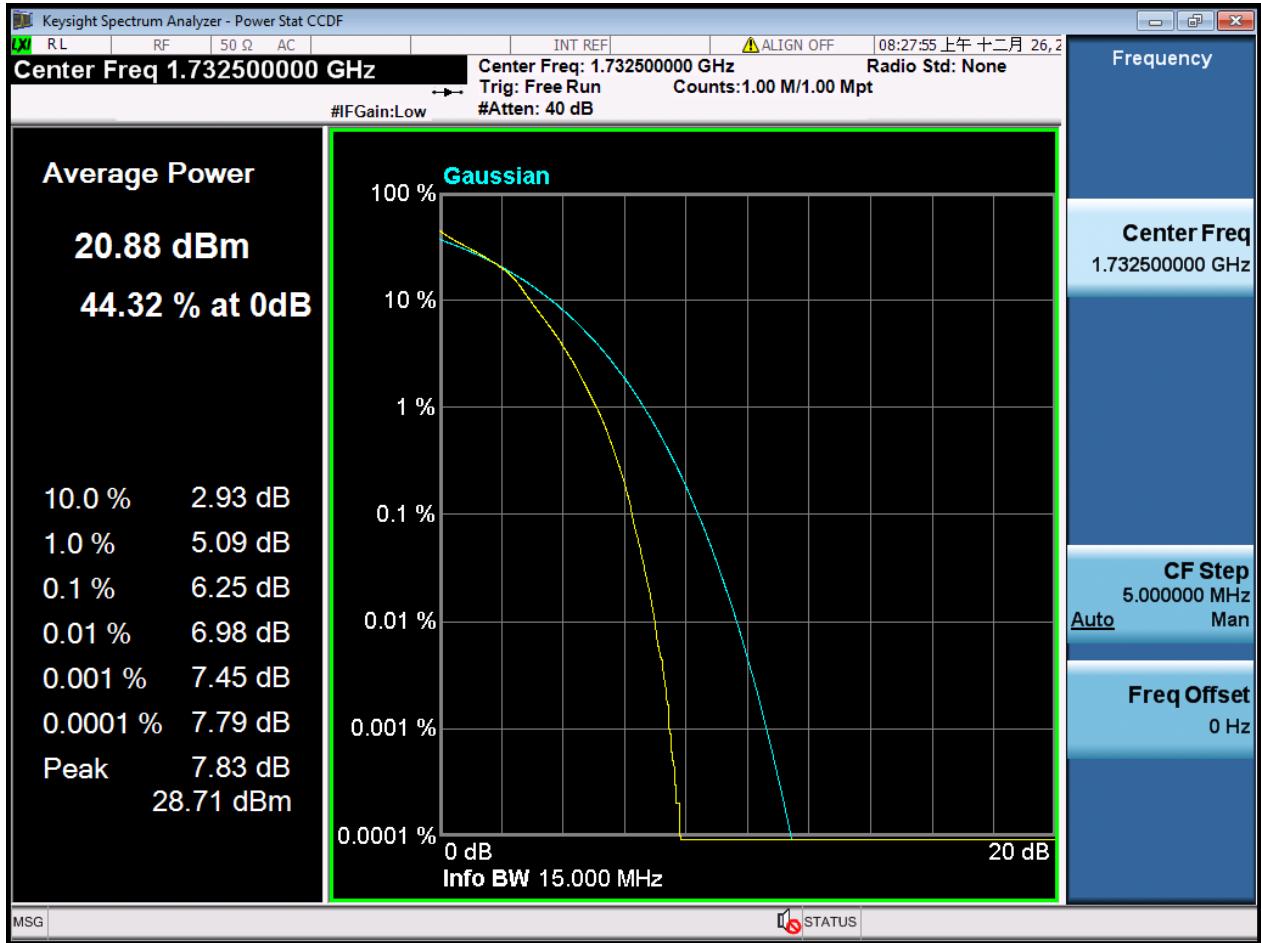
10.0 %	2.96 dB
1.0 %	4.84 dB
0.1 %	6.01 dB
0.01 %	6.71 dB
0.001 %	7.16 dB
0.0001 %	7.33 dB
Peak	7.39 dB
	28.20 dBm

Info BW 15.000 MHz

MSG STATUS

1.70. LTE Peak to Average Ratio(NTNV)(Subtest:70, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.25	13	Pass



Average Power
20.88 dBm
44.32 % at 0dB

10.0 %	2.93 dB
1.0 %	5.09 dB
0.1 %	6.25 dB
0.01 %	6.98 dB
0.001 %	7.45 dB
0.0001 %	7.79 dB
Peak	7.83 dB
	28.71 dBm

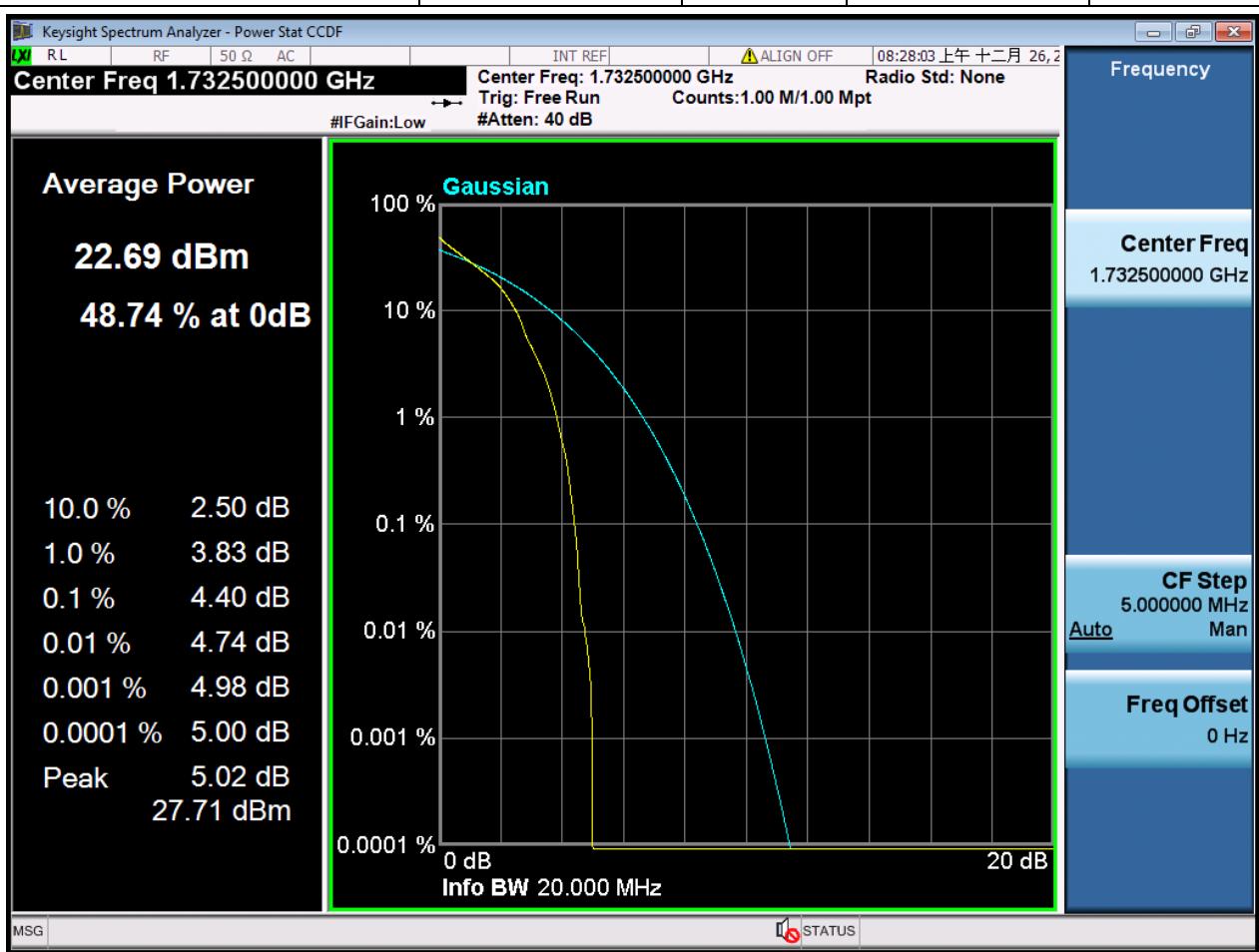
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

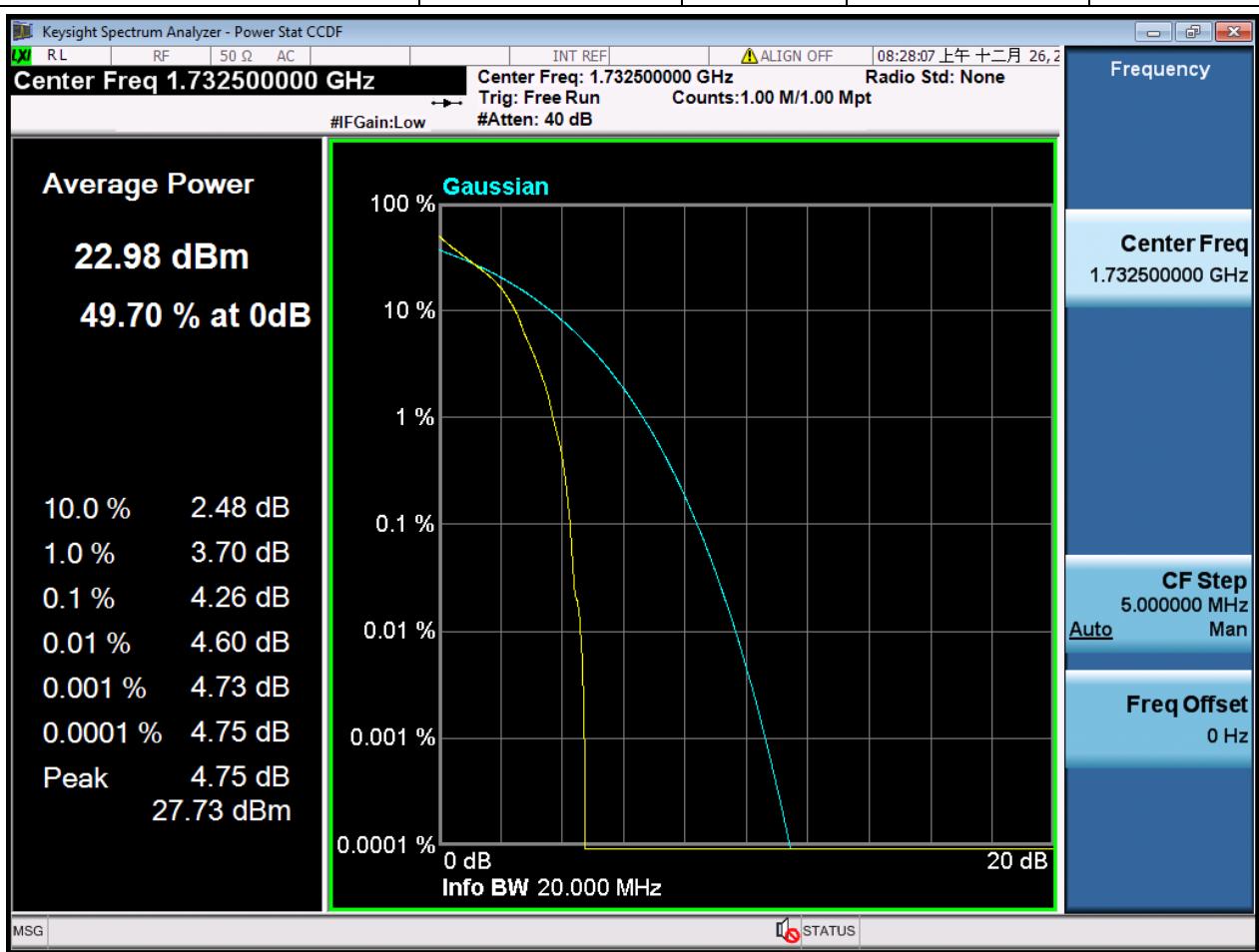
1.71. LTE Peak to Average Ratio(NTNV)(Subtest:71, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.4	13	Pass



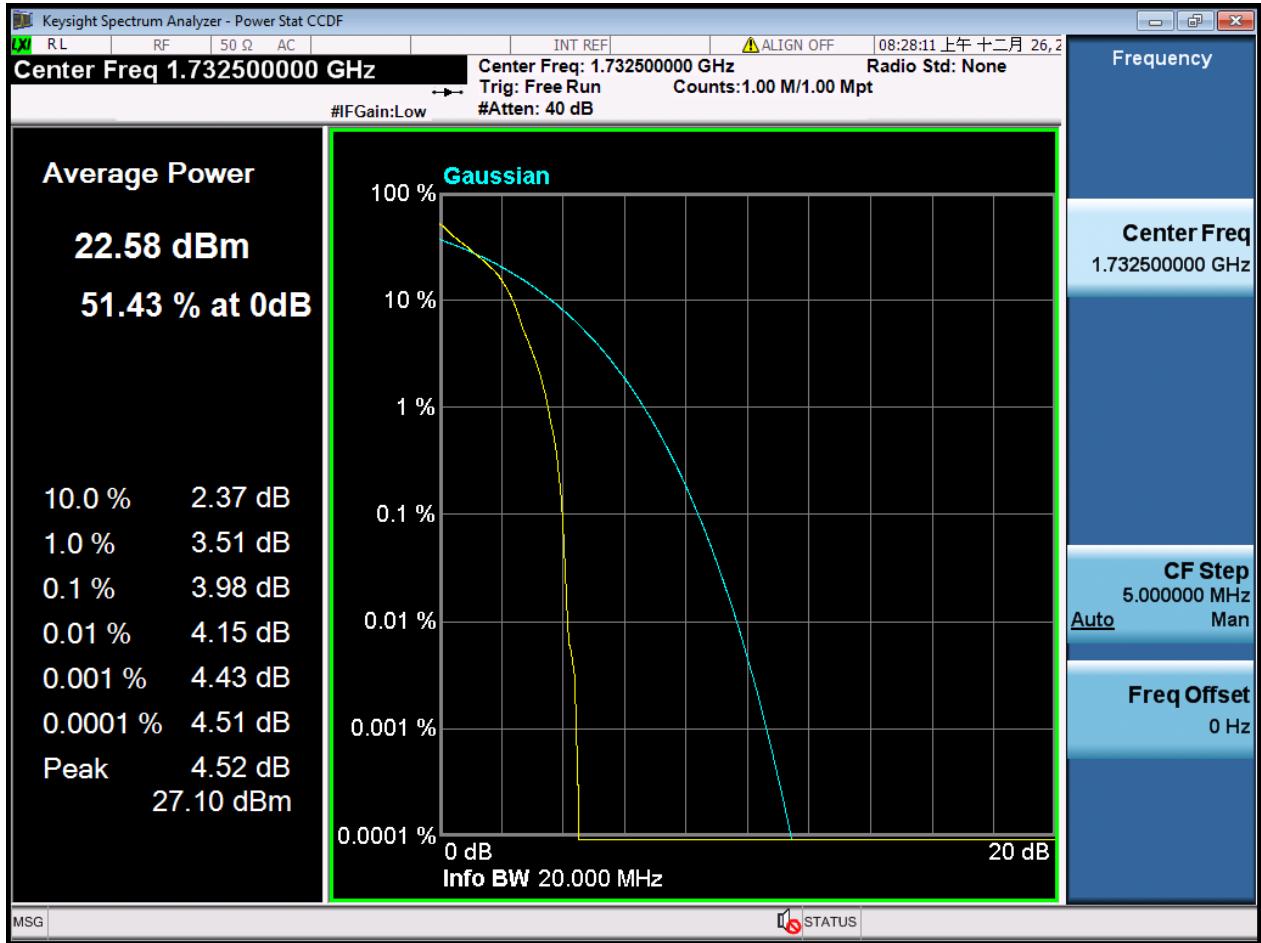
1.72. LTE Peak to Average Ratio(NTNV)(Subtest:72, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.26	13	Pass



1.73. LTE Peak to Average Ratio(NTNV)(Subtest:73, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	3.98	13	Pass



Average Power
22.58 dBm
51.43 % at 0dB

10.0 %	2.37 dB
1.0 %	3.51 dB
0.1 %	3.98 dB
0.01 %	4.15 dB
0.001 %	4.43 dB
0.0001 %	4.51 dB
Peak	4.52 dB
	27.10 dBm

MSG STATUS

1.74. LTE Peak to Average Ratio(NTNV)(Subtest:74, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.3	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:28:15 上午 十二月 26, 2015

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.92 dBm
47.93 % at 0dB

10.0 % 2.28 dB
1.0 % 4.21 dB
0.1 % 5.30 dB
0.01 % 5.97 dB
0.001 % 6.44 dB
0.0001 % 6.82 dB
Peak 6.88 dB
28.80 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 1.732500000 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.75. LTE Peak to Average Ratio(NTNV)(Subtest:75, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:28:19 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.85 dBm
48.74 % at 0dB

10.0 % 2.27 dB
1.0 % 4.18 dB
0.1 % 5.22 dB
0.01 % 5.83 dB
0.001 % 6.20 dB
0.0001 % 6.41 dB
Peak 6.51 dB
28.36 dBm

Gaussian



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

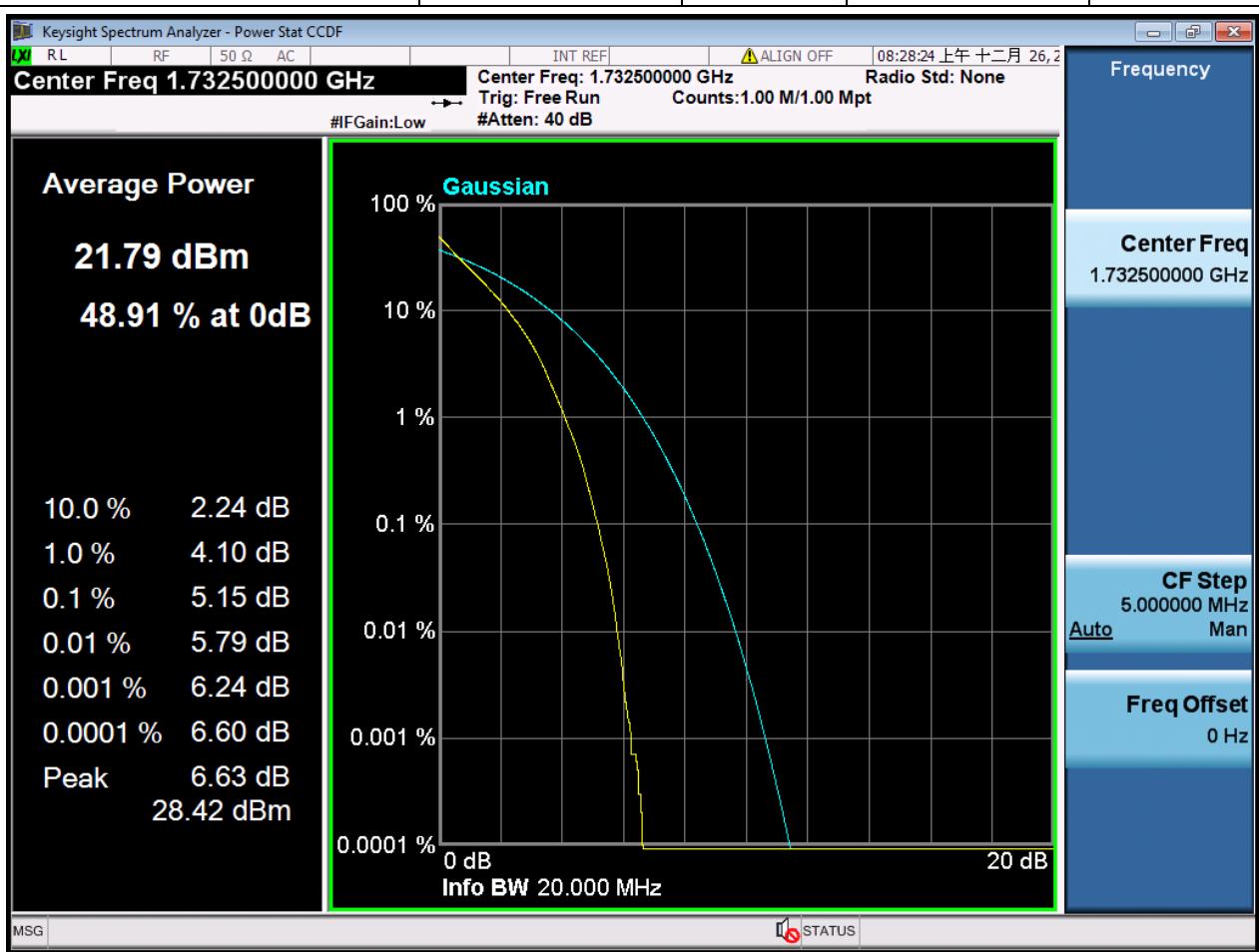
0 dB 20 dB Info BW 20.000 MHz

Frequency
Center Freq 1.732500000 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:20175, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.15	13	Pass



1.77. LTE Peak to Average Ratio(NTNV)(Subtest:77, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.44	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:28:28 上午 十二月 26, 2015

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

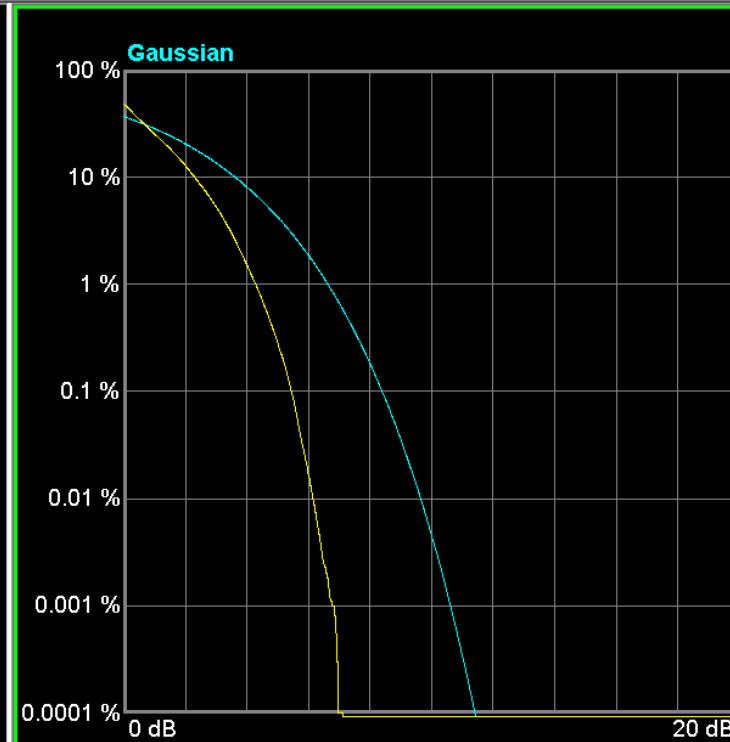
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.87 dBm
47.94 % at 0dB

10.0 % 2.30 dB
1.0 % 4.28 dB
0.1 % 5.44 dB
0.01 % 6.14 dB
0.001 % 6.77 dB
0.0001 % 6.97 dB
Peak 7.12 dB
28.99 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 20.000 MHz

Frequency
Center Freq 1.732500000 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:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.37	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:28:32 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.97 dBm
44.61 % at 0dB

10.0 % 2.79 dB
1.0 % 4.62 dB
0.1 % 5.37 dB
0.01 % 5.69 dB
0.001 % 5.76 dB
0.0001 % 5.79 dB
Peak 5.80 dB
27.77 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 1.732500000 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:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.07	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:28:36 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.29 dBm
45.43 % at 0dB

10.0 % 2.75 dB
1.0 % 4.46 dB
0.1 % 5.07 dB
0.01 % 5.37 dB
0.001 % 5.43 dB
0.0001 % 5.46 dB
Peak 5.51 dB
27.80 dBm

Gaussian



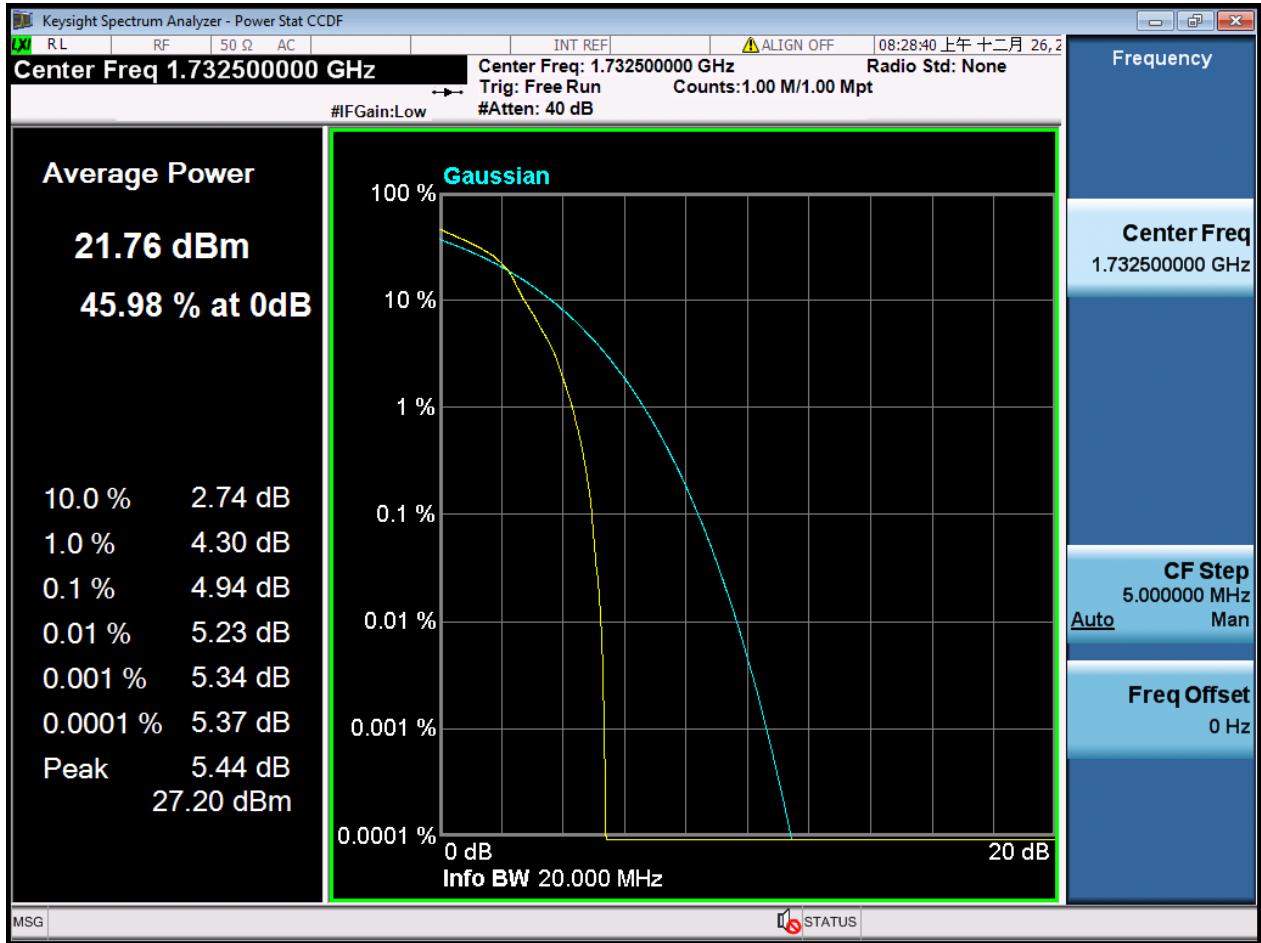
Info BW 20.000 MHz

Frequency
Center Freq 1.732500000 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:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.94	13	Pass



Average Power
21.76 dBm
45.98 % at 0dB

10.0 %	2.74 dB
1.0 %	4.30 dB
0.1 %	4.94 dB
0.01 %	5.23 dB
0.001 %	5.34 dB
0.0001 %	5.37 dB
Peak	5.44 dB
	27.20 dBm

Gaussian

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

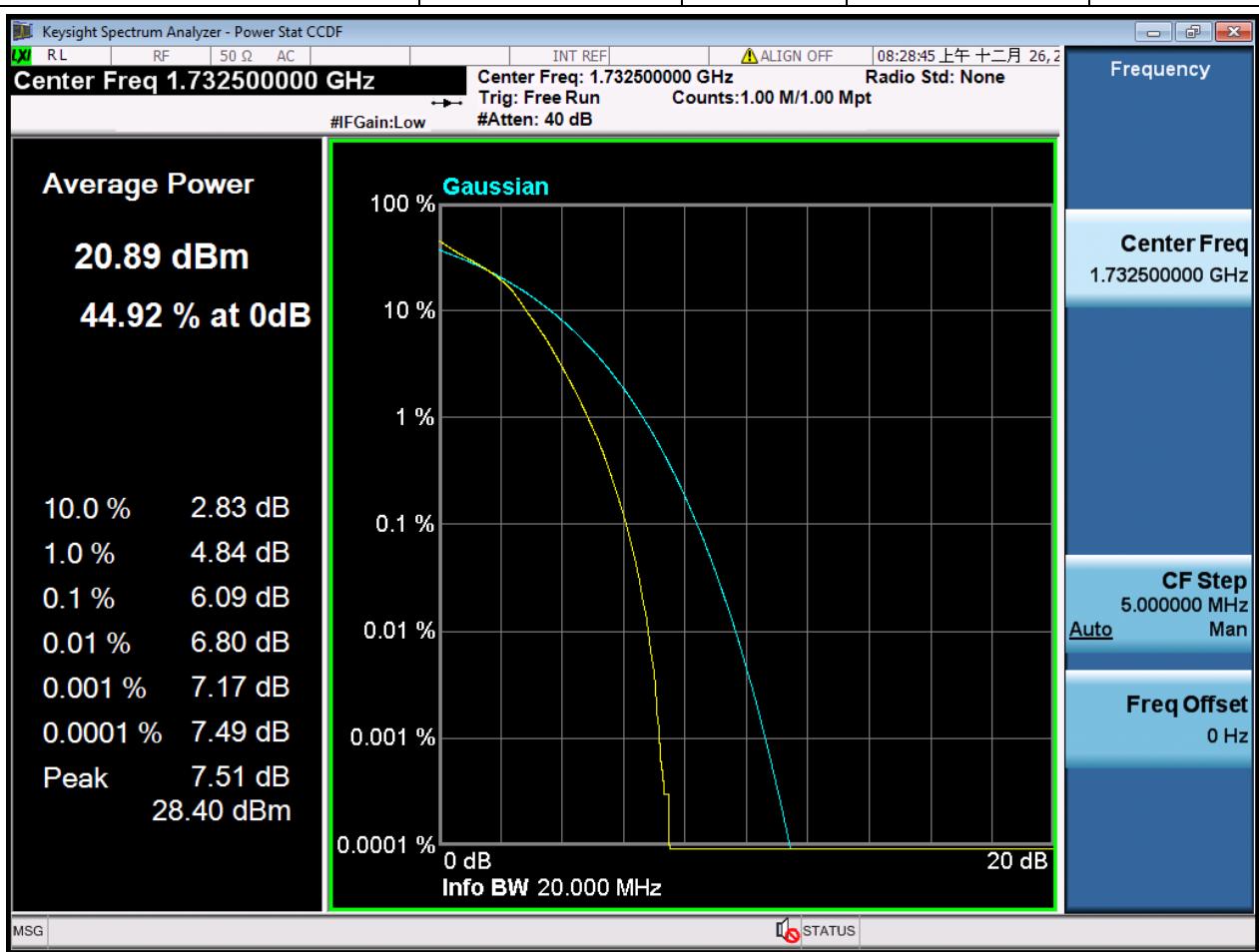
0 dB 20 dB

Info BW 20.000 MHz

MSG STATUS

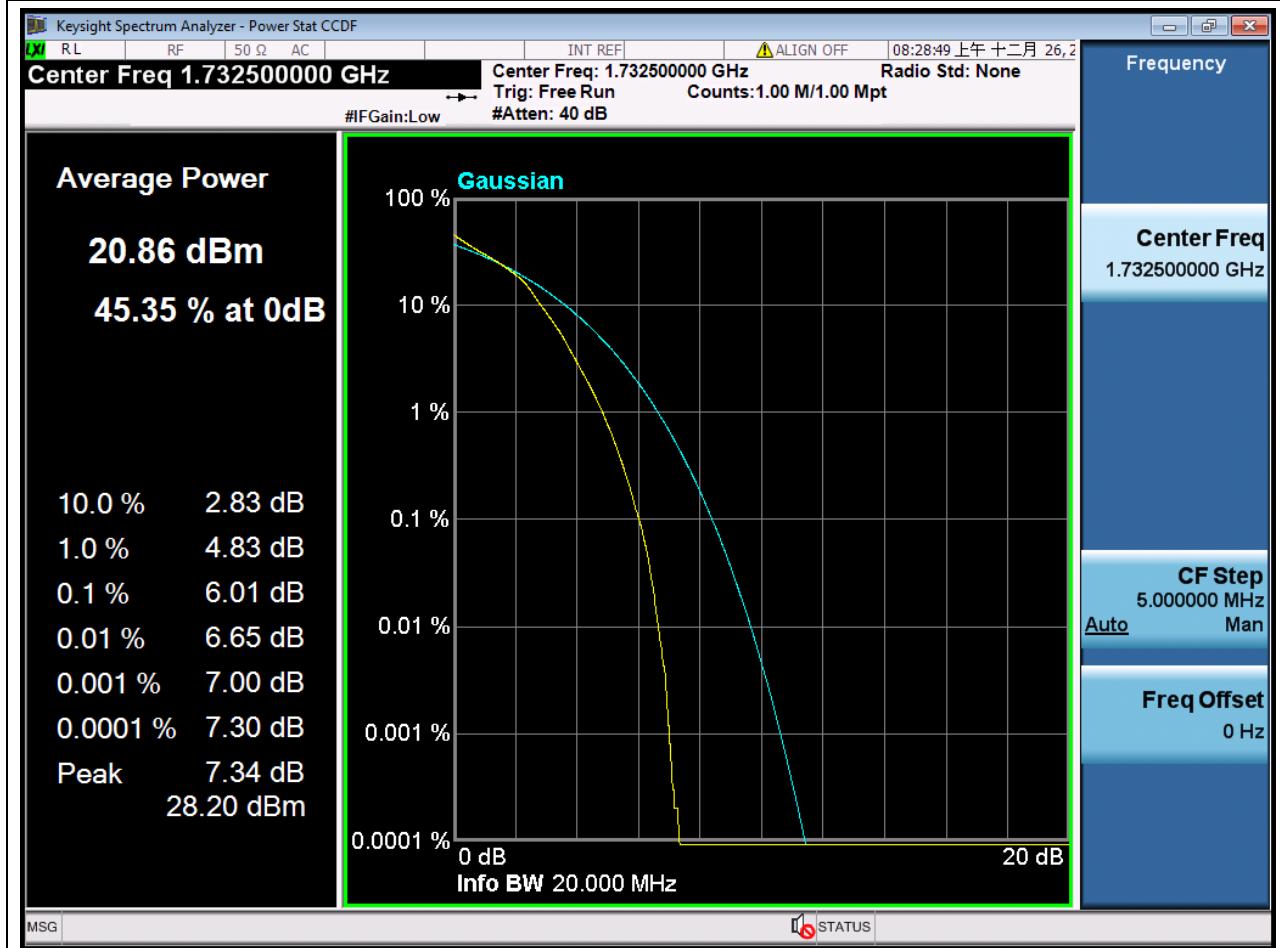
1.81. LTE Peak to Average Ratio(NTNV)(Subtest:81, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.09	13	Pass



1.82. LTE Peak to Average Ratio(NTNV)(Subtest:82, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.01	13	Pass



1.83. LTE Peak to Average Ratio(NTNV)(Subtest:83, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.9	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 08:28:53 上午 十二月 26, 2018

Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
20.79 dBm
45.48 % at 0dB

10.0 % 2.81 dB
1.0 % 4.75 dB
0.1 % 5.90 dB
0.01 % 6.55 dB
0.001 % 6.87 dB
0.0001 % 7.02 dB
Peak 7.04 dB
27.83 dBm

Gaussian



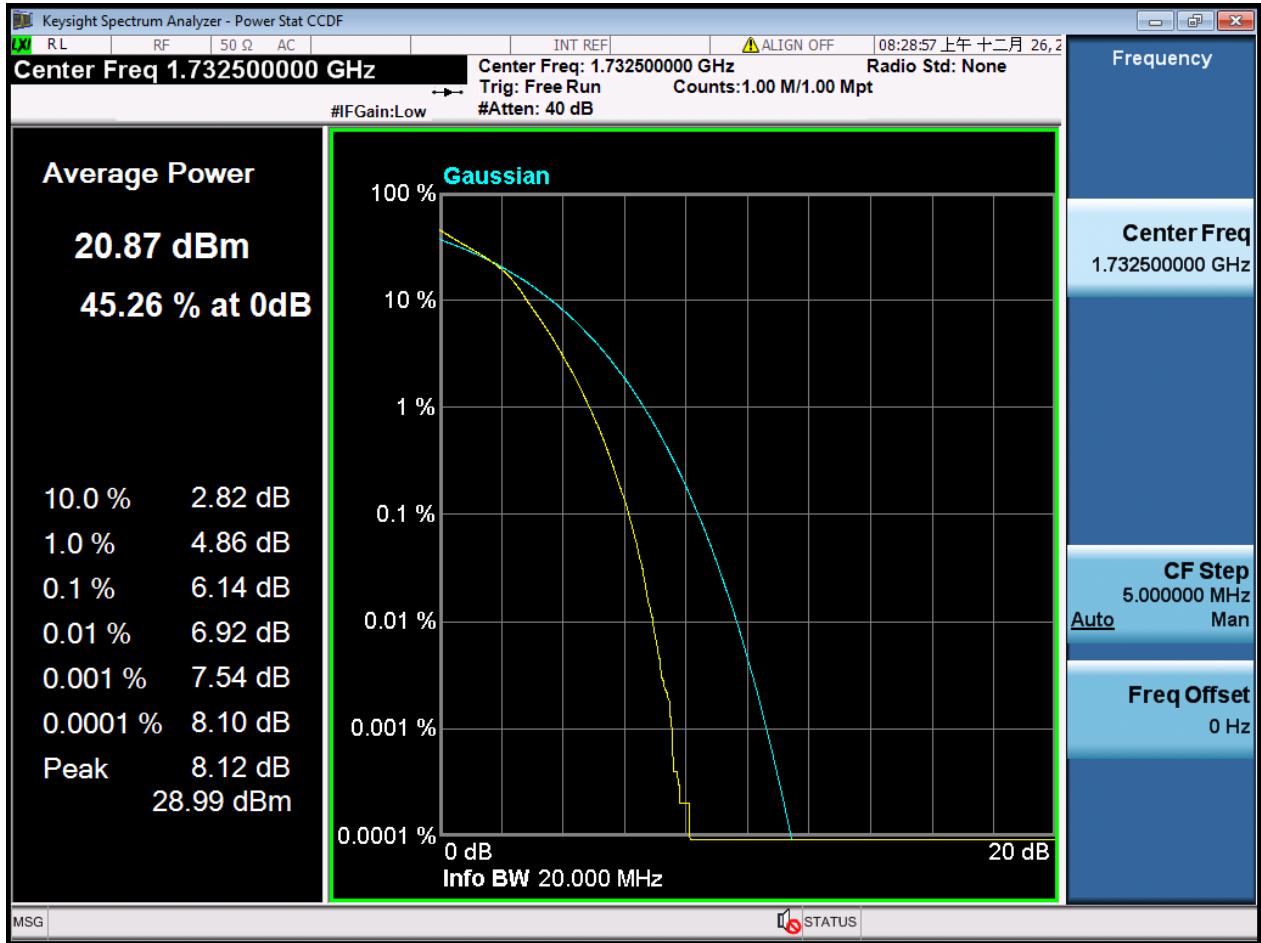
0.0001 % 0 dB 20 dB Info BW 20.000 MHz

Frequency
Center Freq 1.732500000 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:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.14	13	Pass



END