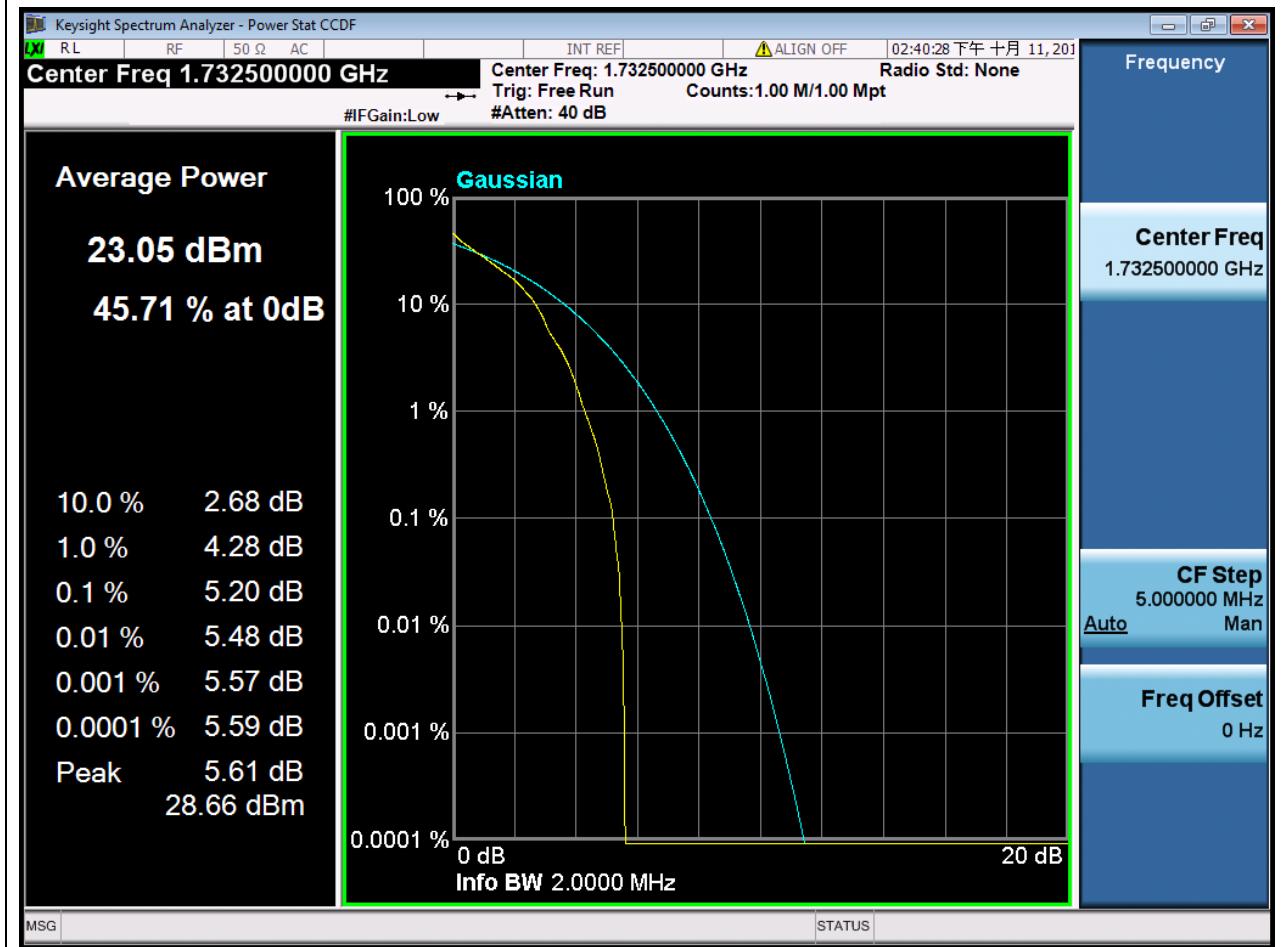


## Annex B. LTE Peak to Average Ratio

## 1. LTE\_Band4

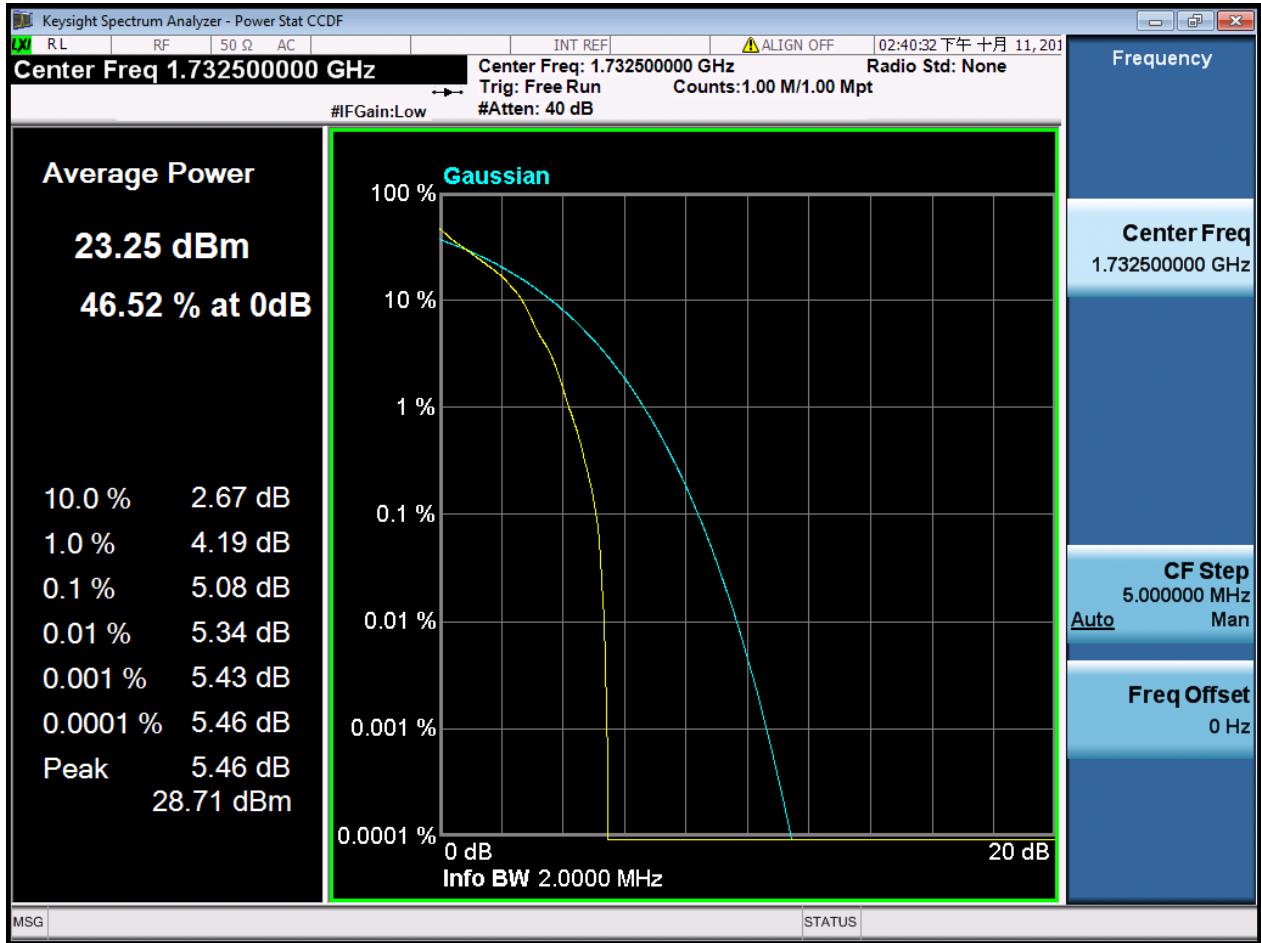
**1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.2	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	5.08	13	Pass



Average Power  
23.25 dBm  
46.52 % at 0dB

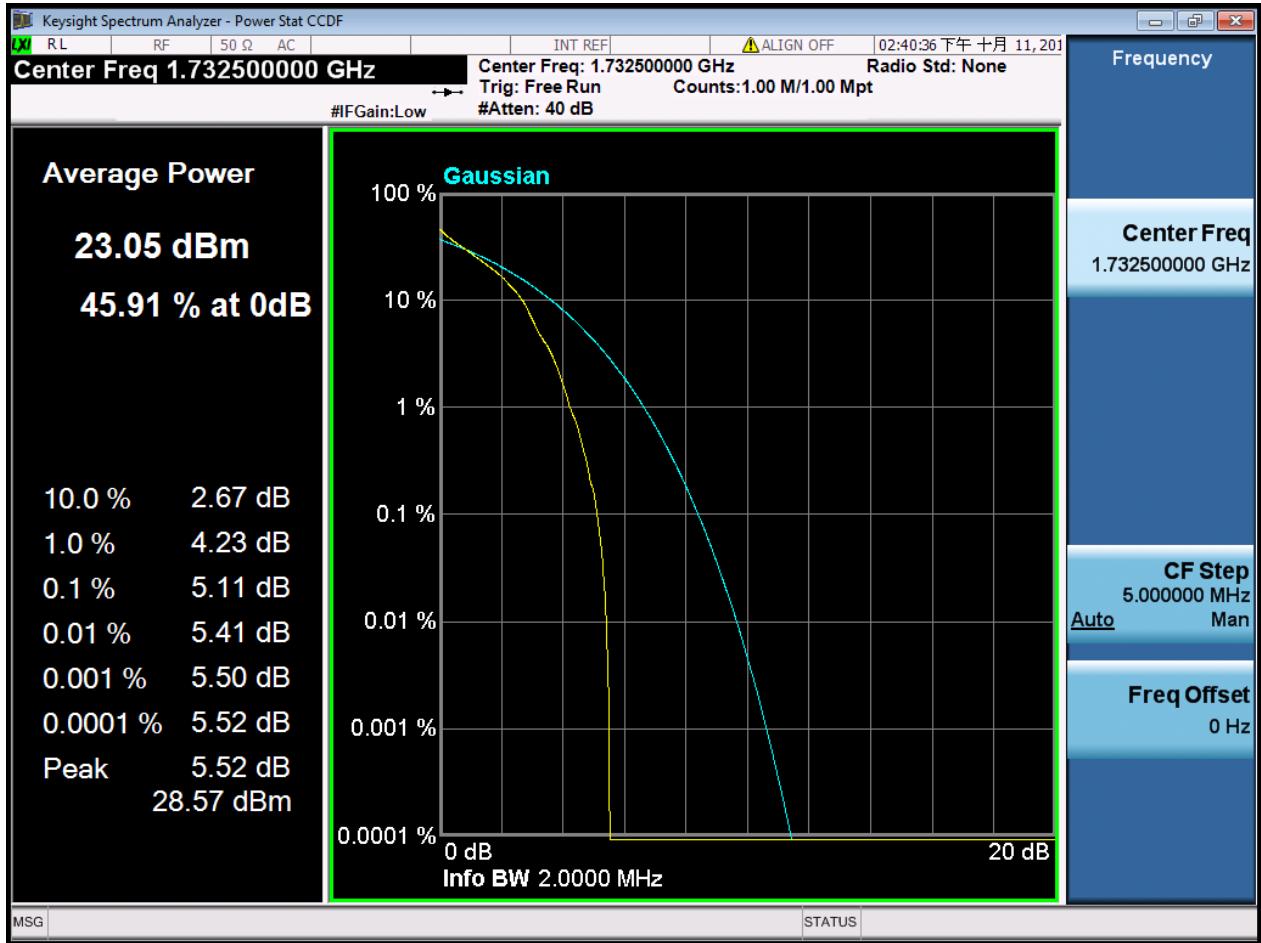
10.0 %	2.67 dB
1.0 %	4.19 dB
0.1 %	5.08 dB
0.01 %	5.34 dB
0.001 %	5.43 dB
0.0001 %	5.46 dB
Peak	5.46 dB
	28.71 dBm

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

**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	5.11	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:40:36 下午 十月 11, 201

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  
23.05 dBm  
45.91 % at 0dB

10.0 %	2.67 dB
1.0 %	4.23 dB
0.1 %	5.11 dB
0.01 %	5.41 dB
0.001 %	5.50 dB
0.0001 %	5.52 dB
Peak	5.52 dB
	28.57 dBm

Gaussian

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

0 dB 20 dB

Info BW 2.0000 MHz

Frequency  
Center Freq 1.732500000 GHz

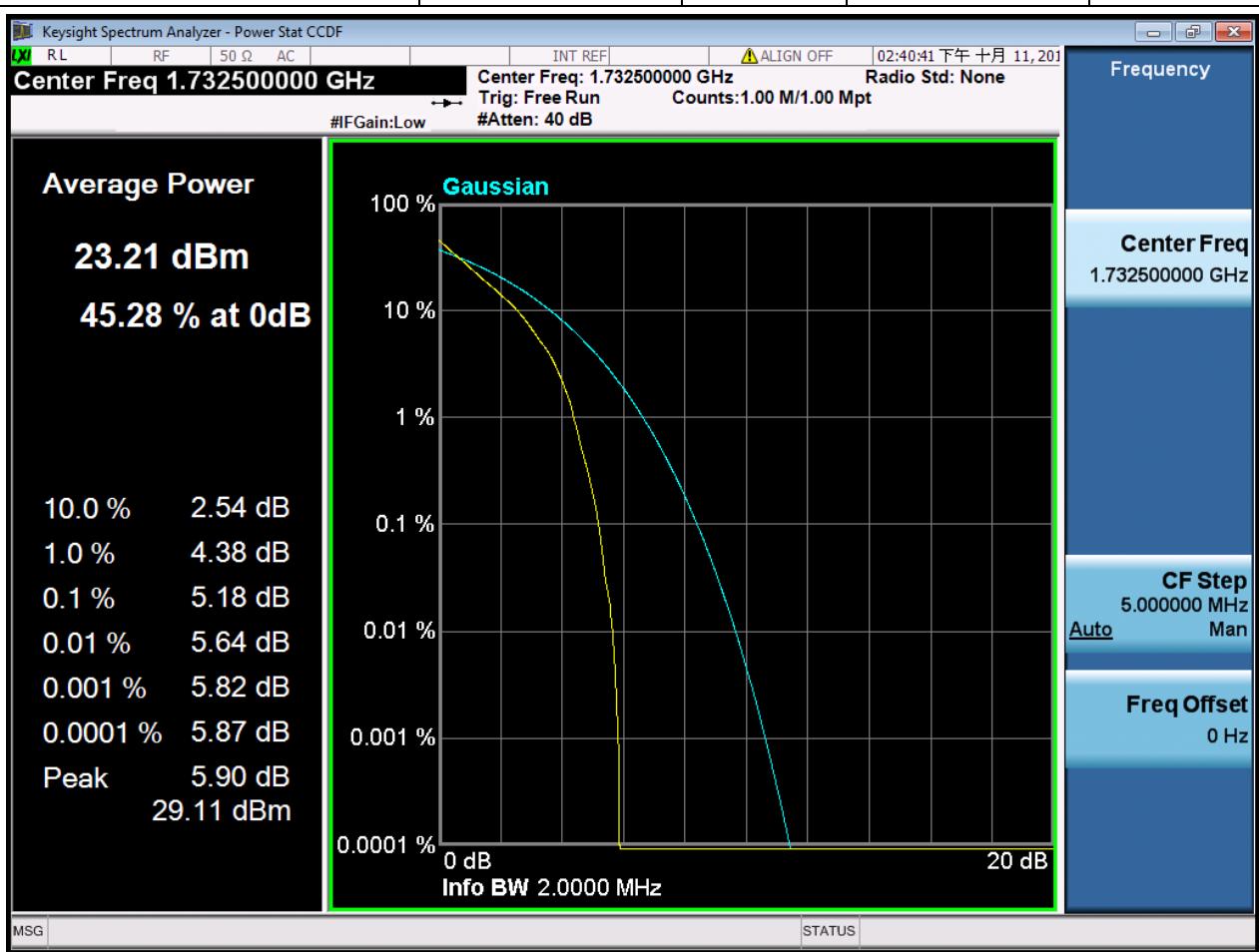
CF Step 5.000000 MHz  
Auto Man

Freq Offset 0 Hz

MSG STATUS

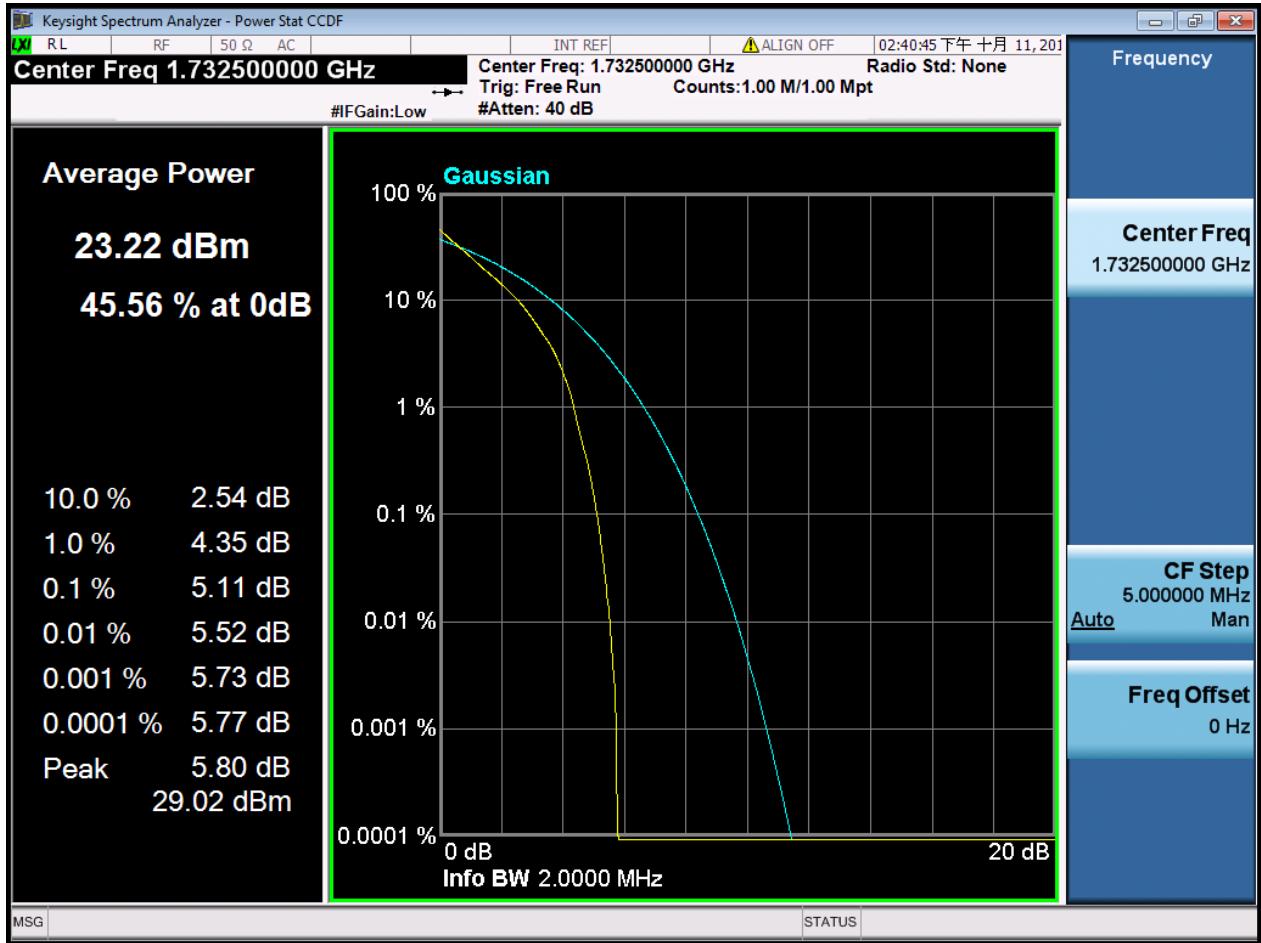
**1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.18	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	5.11	13	Pass



Average Power  
23.22 dBm  
45.56 % at 0dB

10.0 %	2.54 dB
1.0 %	4.35 dB
0.1 %	5.11 dB
0.01 %	5.52 dB
0.001 %	5.73 dB
0.0001 %	5.77 dB
Peak	5.80 dB
	29.02 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

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

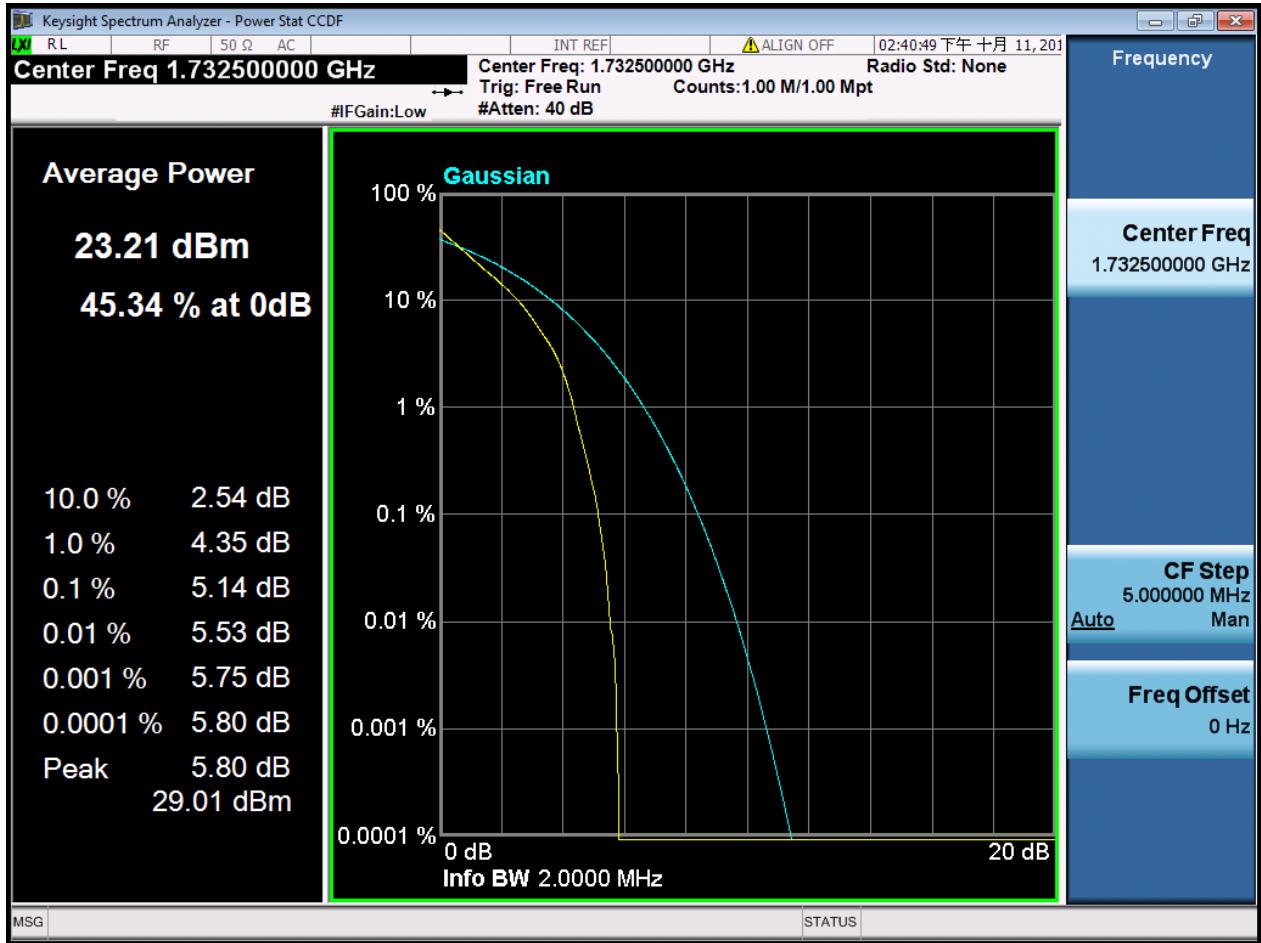
0 dB 20 dB

Info BW 2.0000 MHz

MSG STATUS

**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	5.14	13	Pass



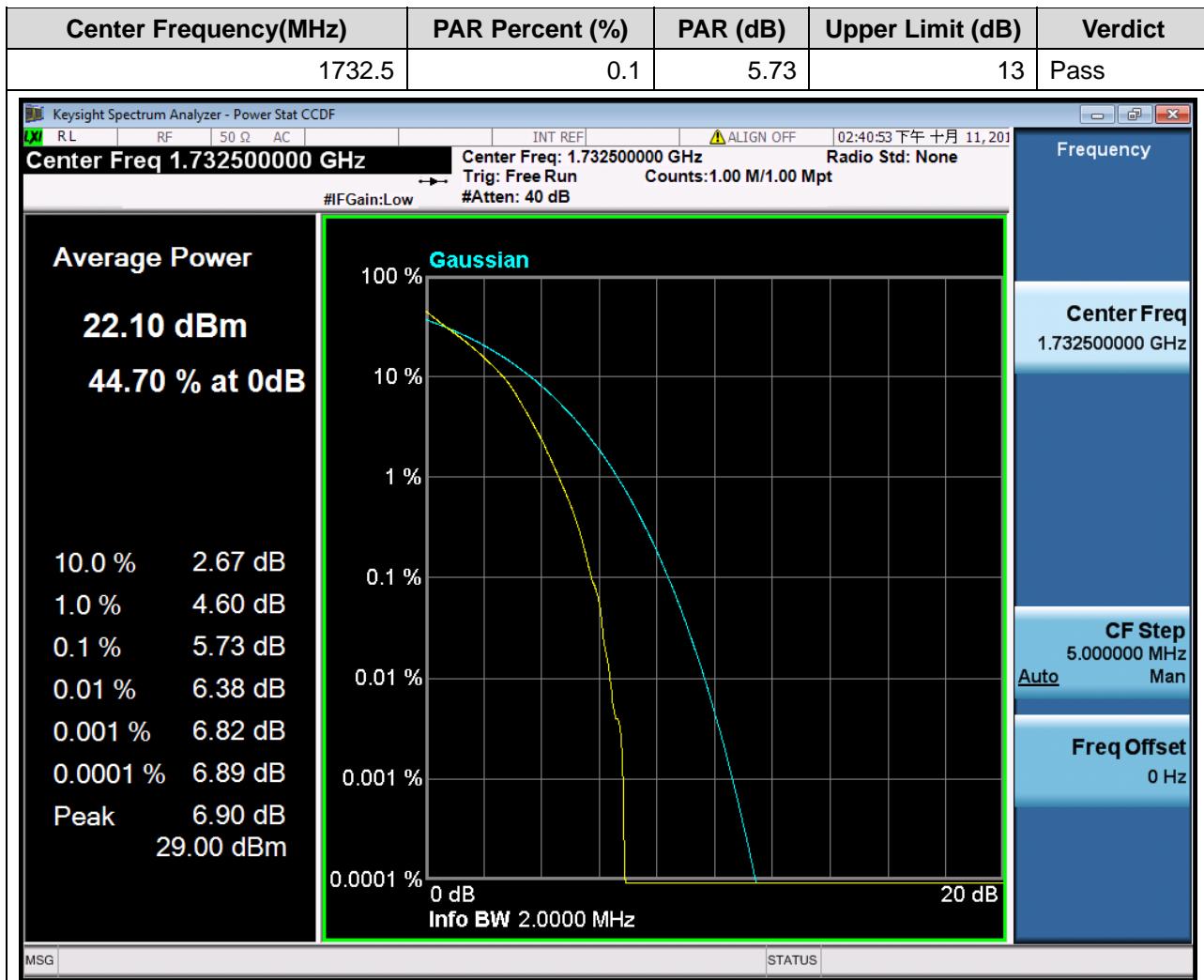
**Average Power**  
**23.21 dBm**  
**45.34 % at 0dB**

10.0 %	2.54 dB
1.0 %	4.35 dB
0.1 %	5.14 dB
0.01 %	5.53 dB
0.001 %	5.75 dB
0.0001 %	5.80 dB
Peak	5.80 dB
	29.01 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

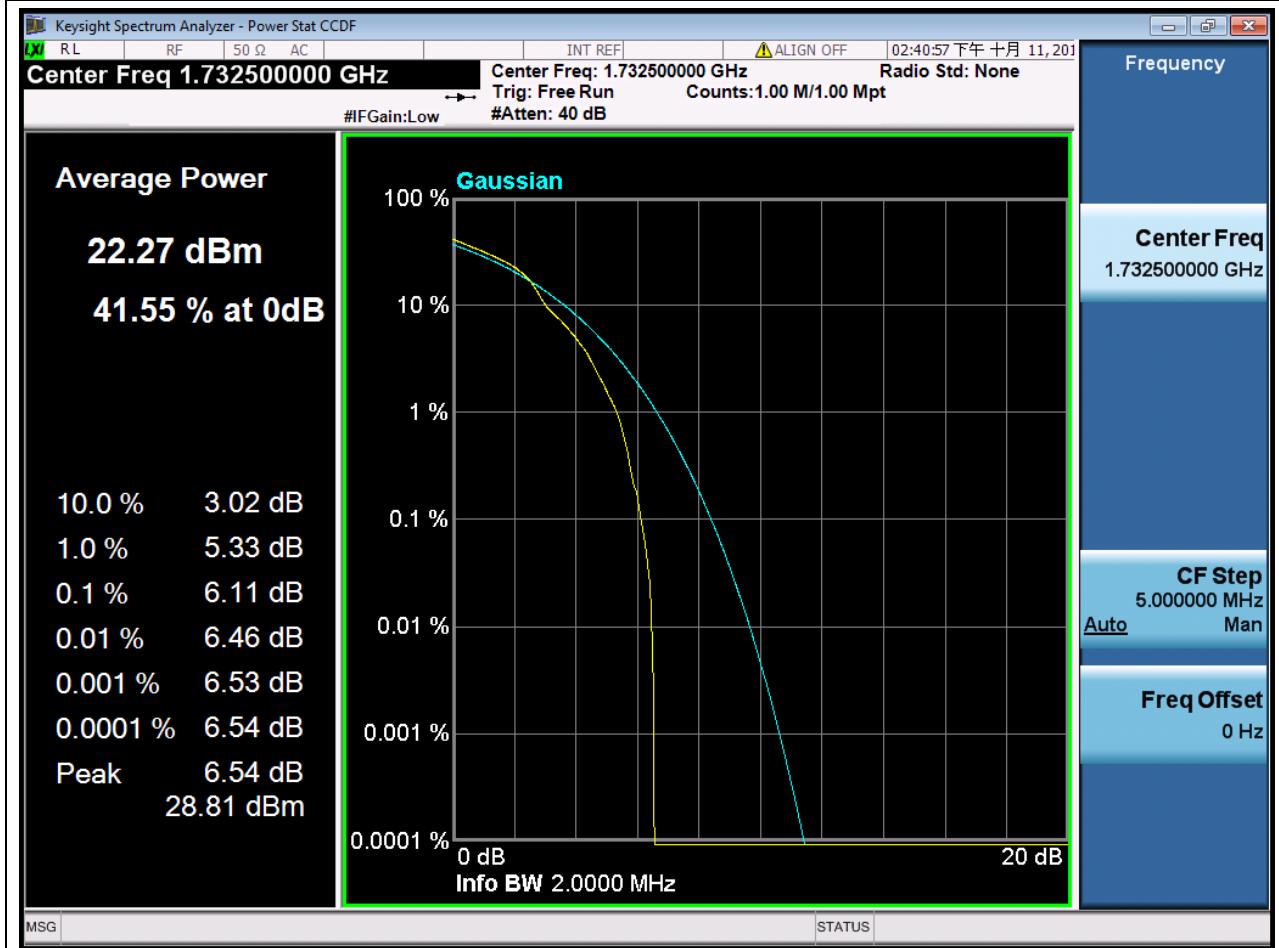
Frequency  
Center Freq 1.732500000 GHz  
CF Step 5.000000 MHz Man  
Freq Offset 0 Hz

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



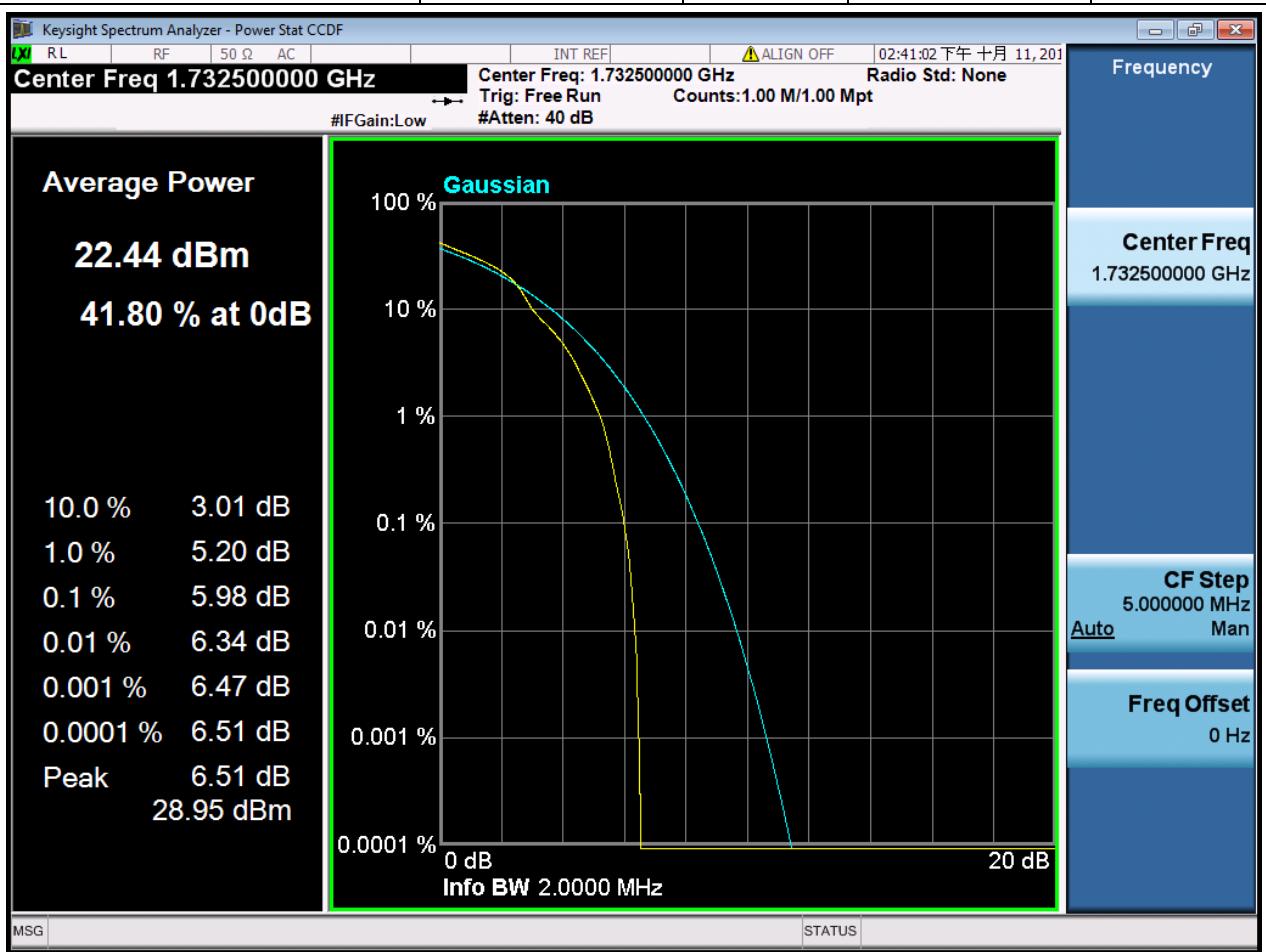
**1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.11	13	Pass



**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	5.98	13	Pass



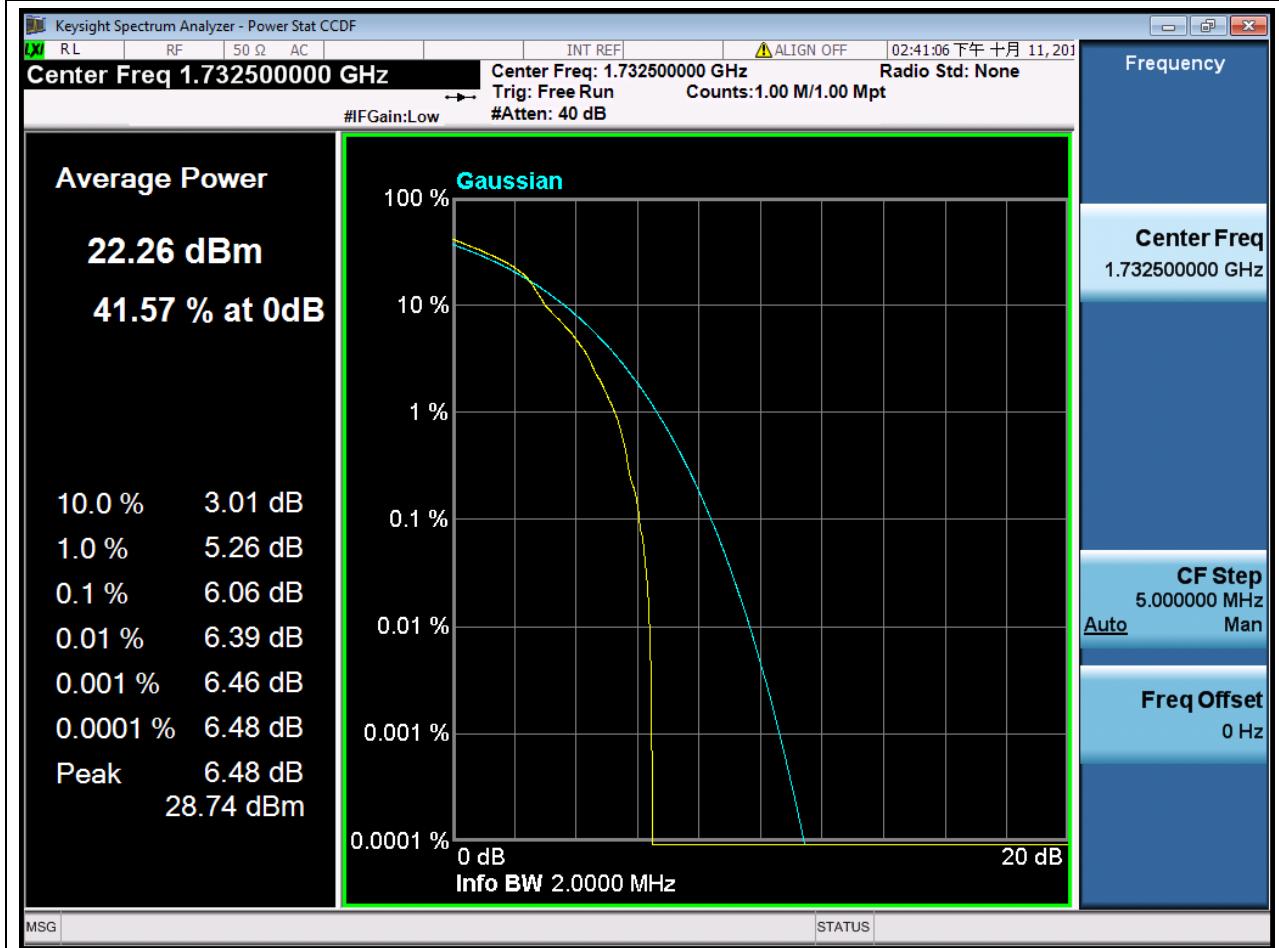
The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- 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:** 22.44 dBm
- 41.80 % at 0dB**
- Peak:** 6.51 dB
- 28.95 dBm**
- CF Step:** 5.000000 MHz
- Freq Offset:** 0 Hz
- Info BW:** 2.0000 MHz

The graph displays a Gaussian distribution curve, showing the relationship between power percentage and frequency deviation from the center frequency.

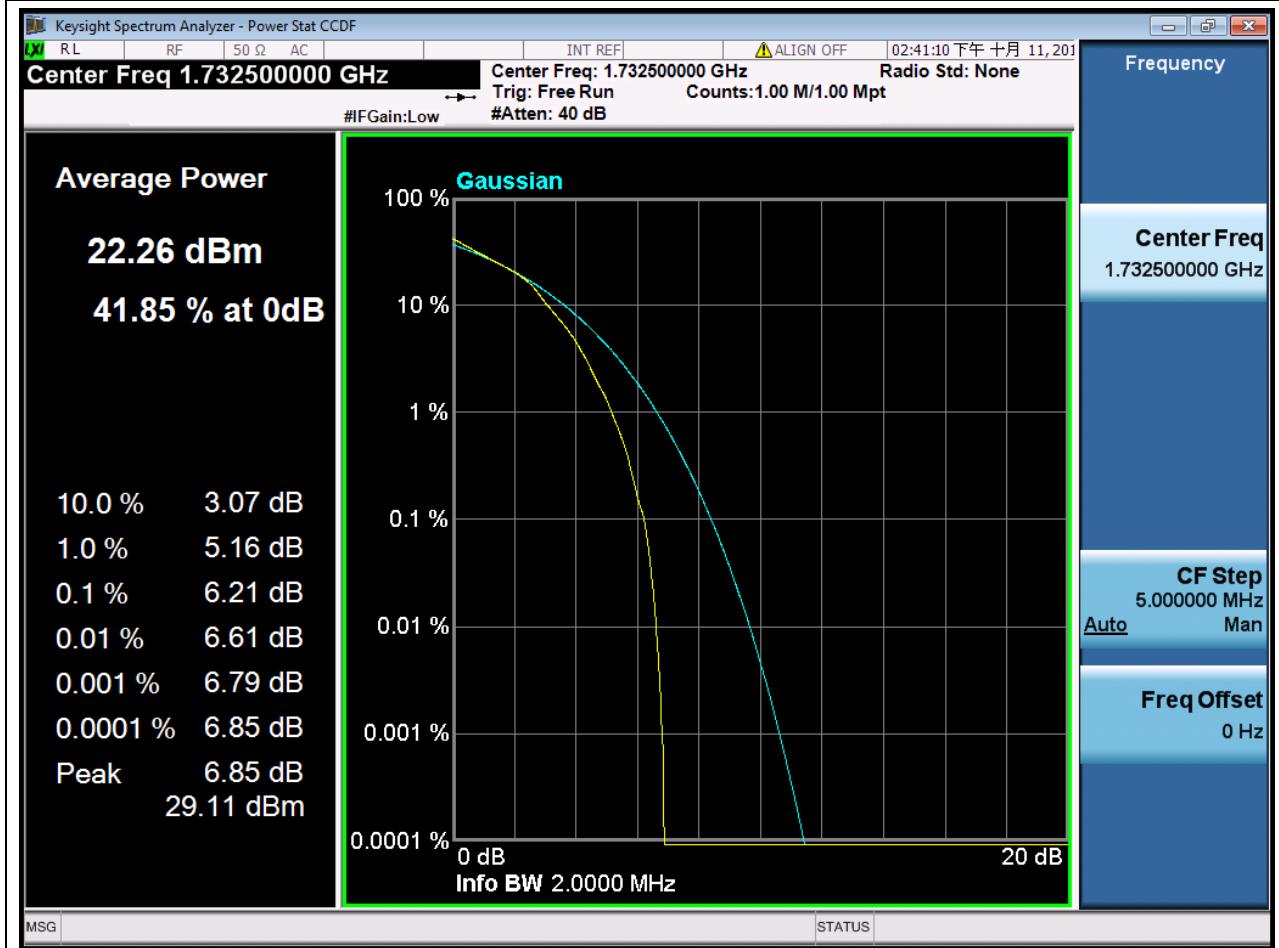
**1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

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



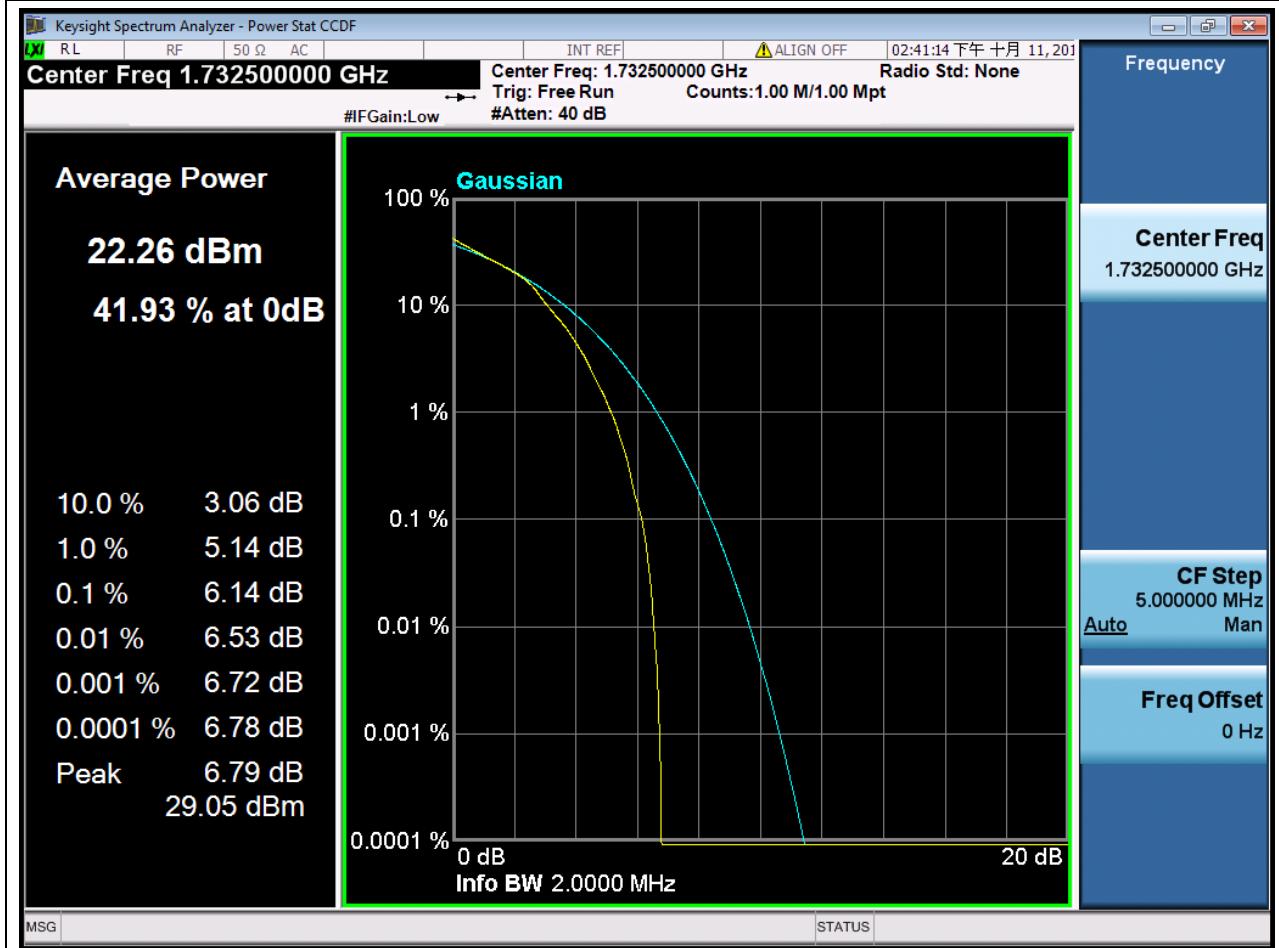
**1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:LOW)**

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



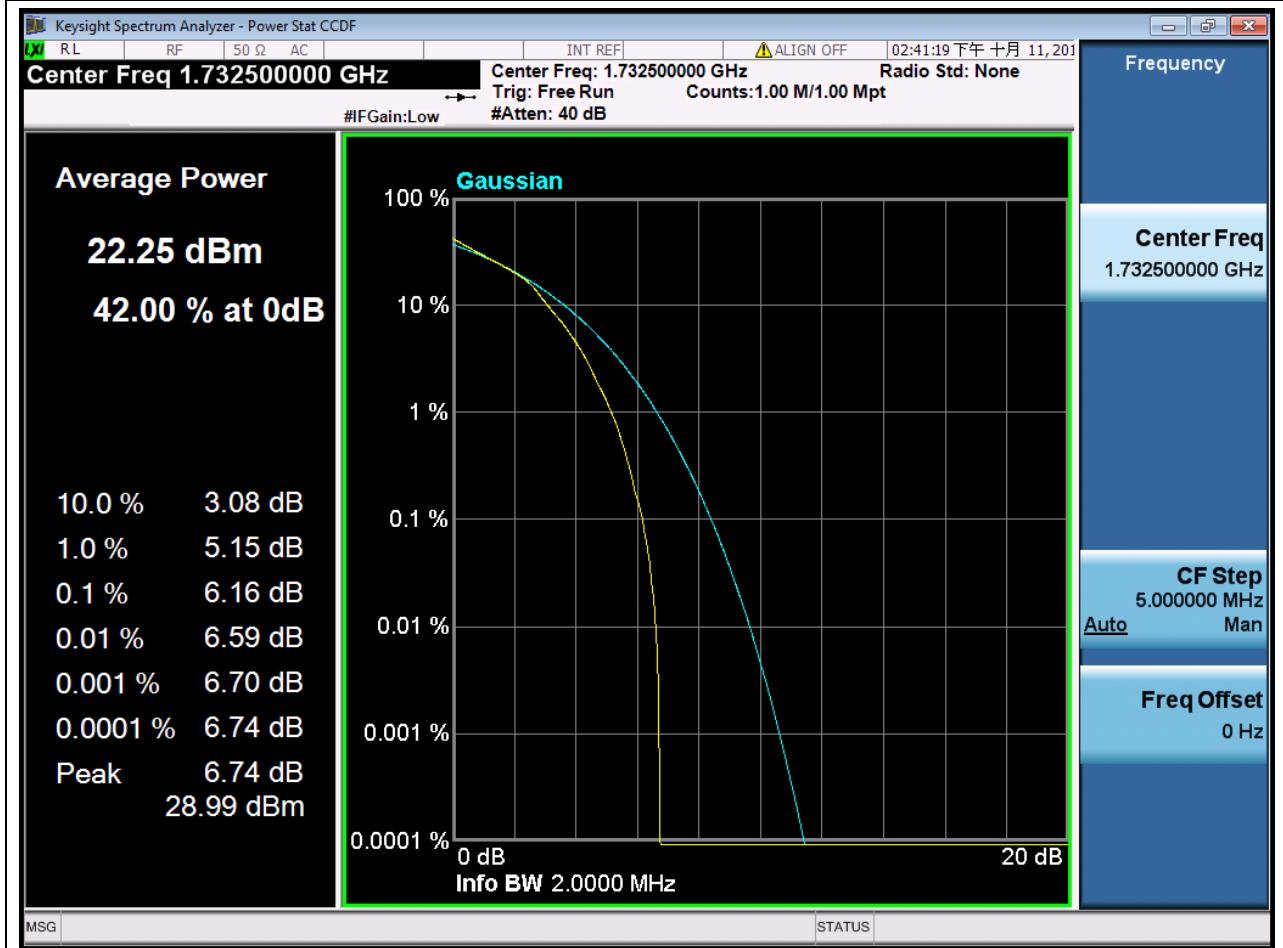
**1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:MID)**

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



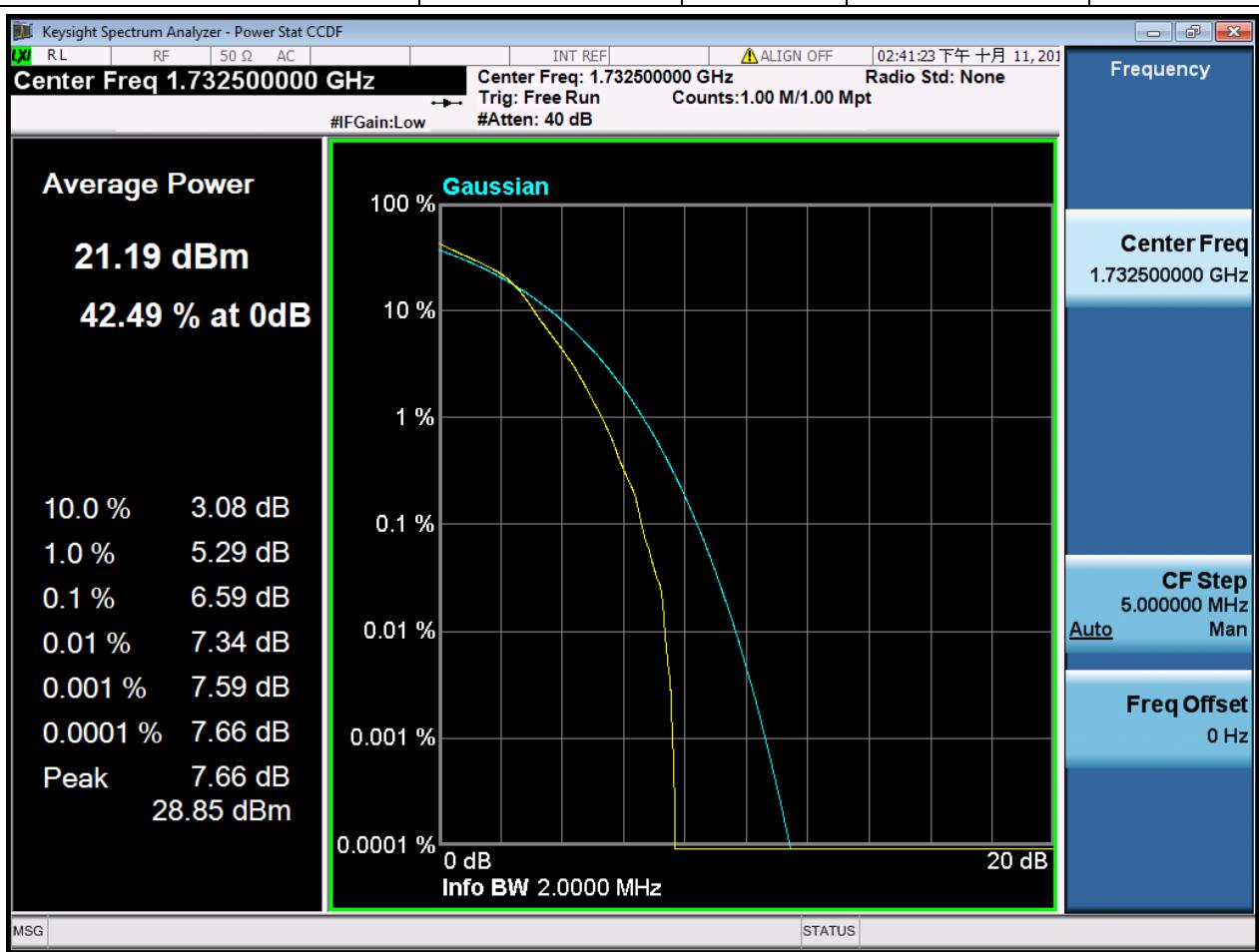
**1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:HIGH)**

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



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

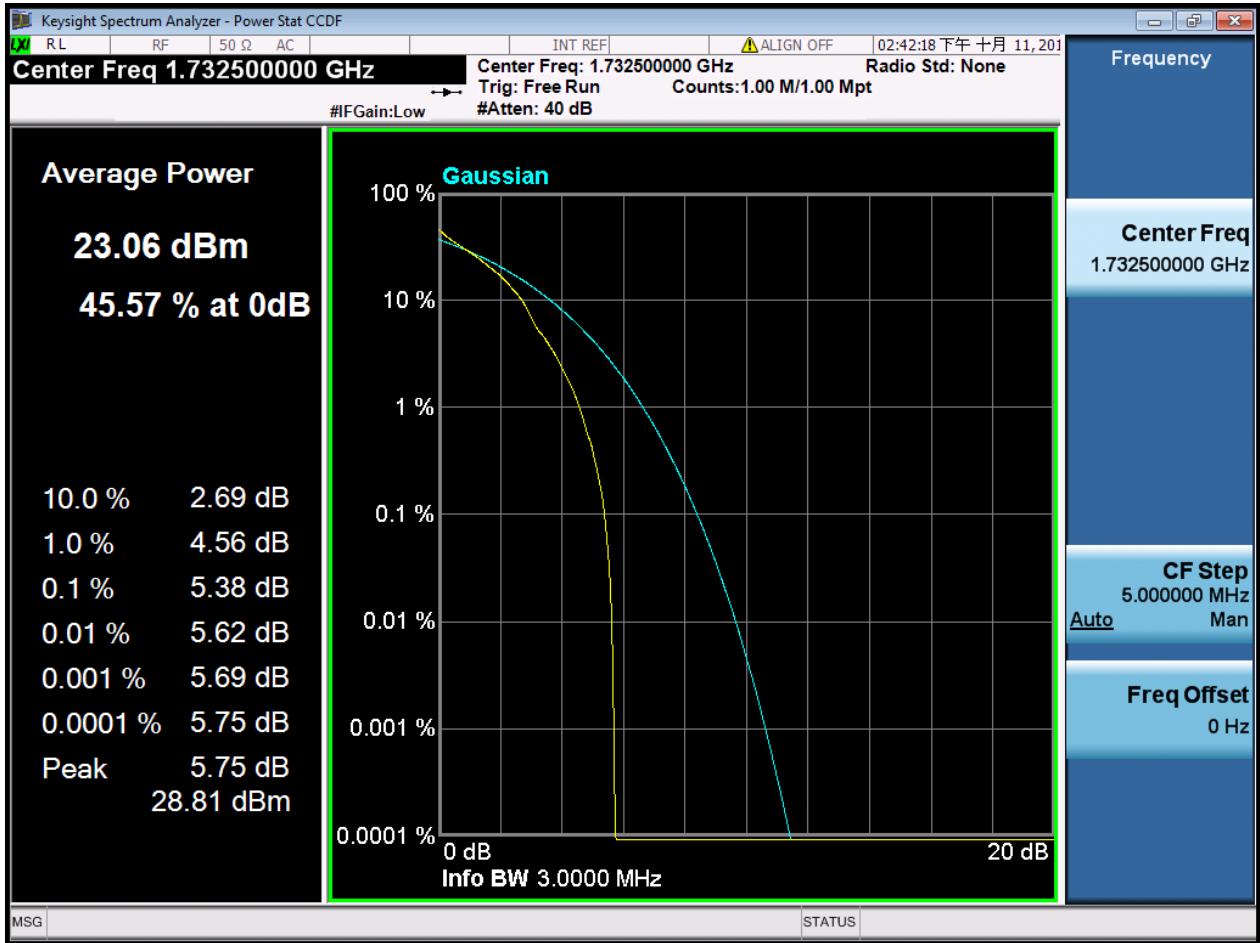
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.59	13	Pass



<b>Average Power</b>	
<b>21.19 dBm</b>	
<b>42.49 % at 0dB</b>	
10.0 %	3.08 dB
1.0 %	5.29 dB
0.1 %	6.59 dB
0.01 %	7.34 dB
0.001 %	7.59 dB
0.0001 %	7.66 dB
Peak	7.66 dB
	28.85 dBm

**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	5.38	13	Pass



**Average Power**  
**23.06 dBm**  
**45.57 % at 0dB**

10.0 %	2.69 dB
1.0 %	4.56 dB
0.1 %	5.38 dB
0.01 %	5.62 dB
0.001 %	5.69 dB
0.0001 %	5.75 dB
Peak	5.75 dB
	28.81 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

**1.16. 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	5.25	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

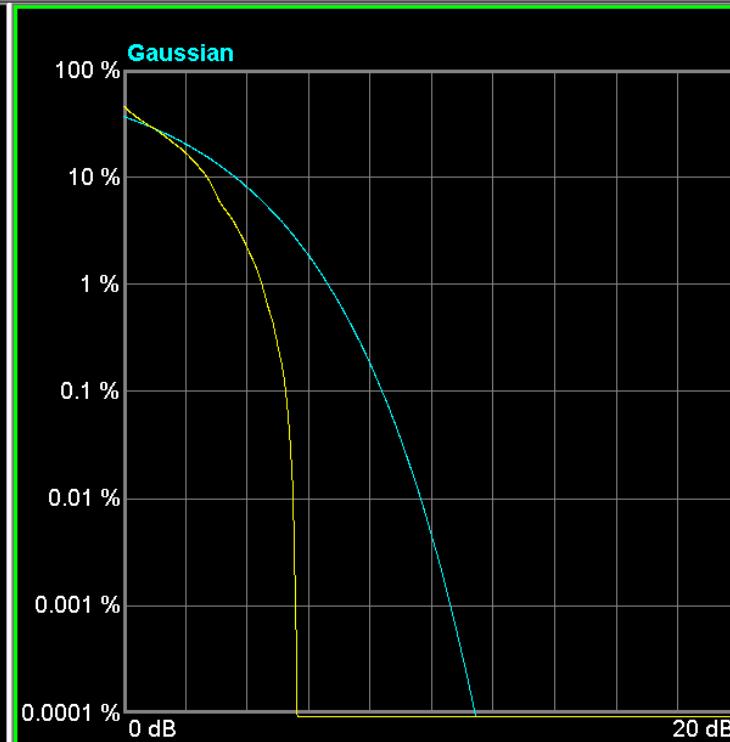
RL RF 50 Ω AC INT REF ALIGN OFF 02:42:22 下午 十月 11, 201

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  
**23.06 dBm**  
**46.01 % at 0dB**

10.0 % 2.70 dB  
1.0 % 4.48 dB  
0.1 % 5.25 dB  
0.01 % 5.50 dB  
0.001 % 5.58 dB  
0.0001 % 5.62 dB  
Peak 5.63 dB  
28.69 dBm

Gaussian

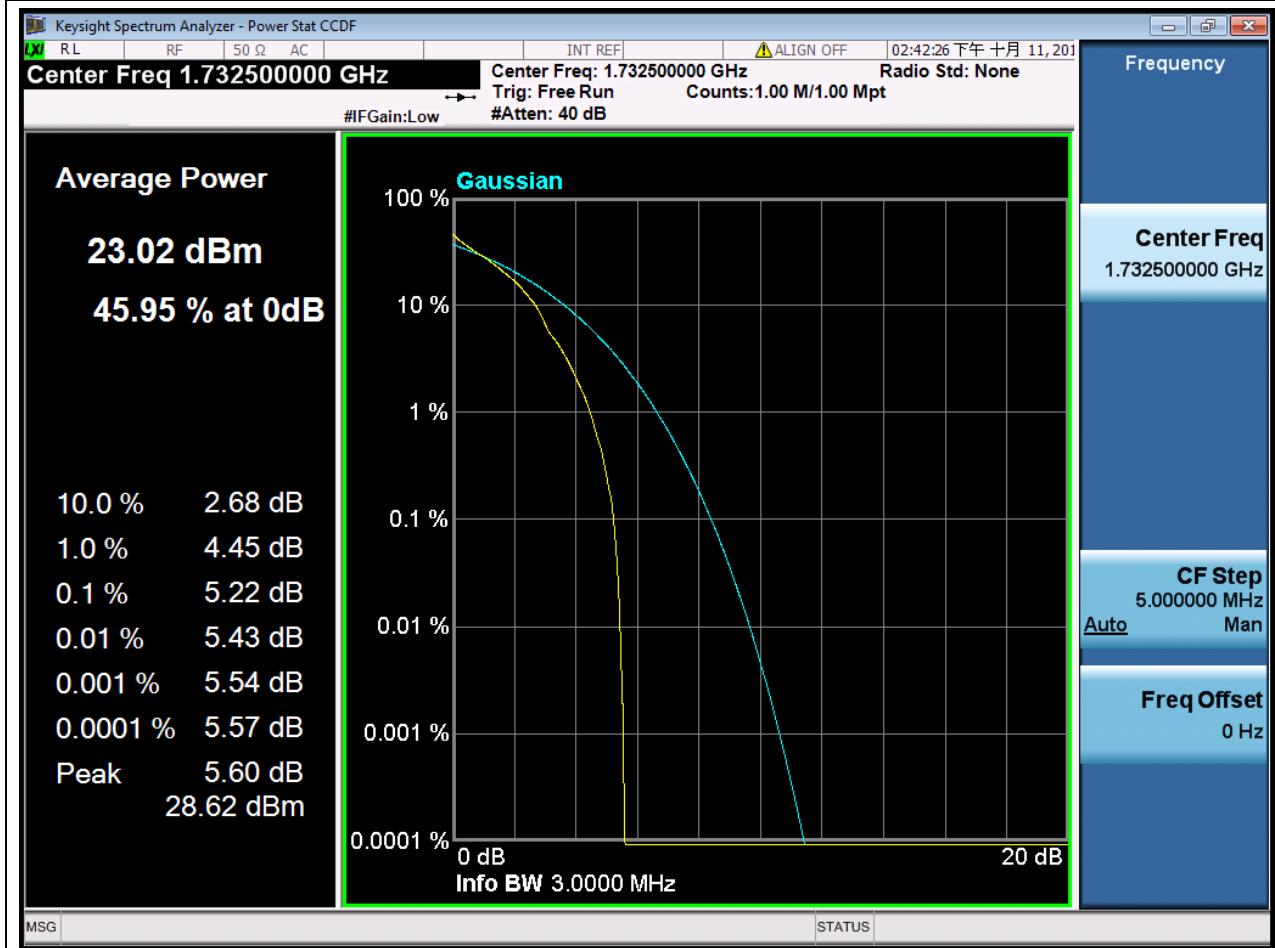


Frequency  
Center Freq 1.732500000 GHz  
CF Step 5.000000 MHz  
Auto Man  
Freq Offset 0 Hz

MSG STATUS

**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	5.22	13	Pass



**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	5.77	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:42:32 下午 十月 11, 201

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 22.09 dBm  
44.07 % at 0dB

10.0 % 2.62 dB  
1.0 % 4.61 dB  
0.1 % 5.77 dB  
0.01 % 6.39 dB  
0.001 % 6.82 dB  
0.0001 % 6.92 dB  
Peak 6.94 dB  
29.03 dBm

Gaussian



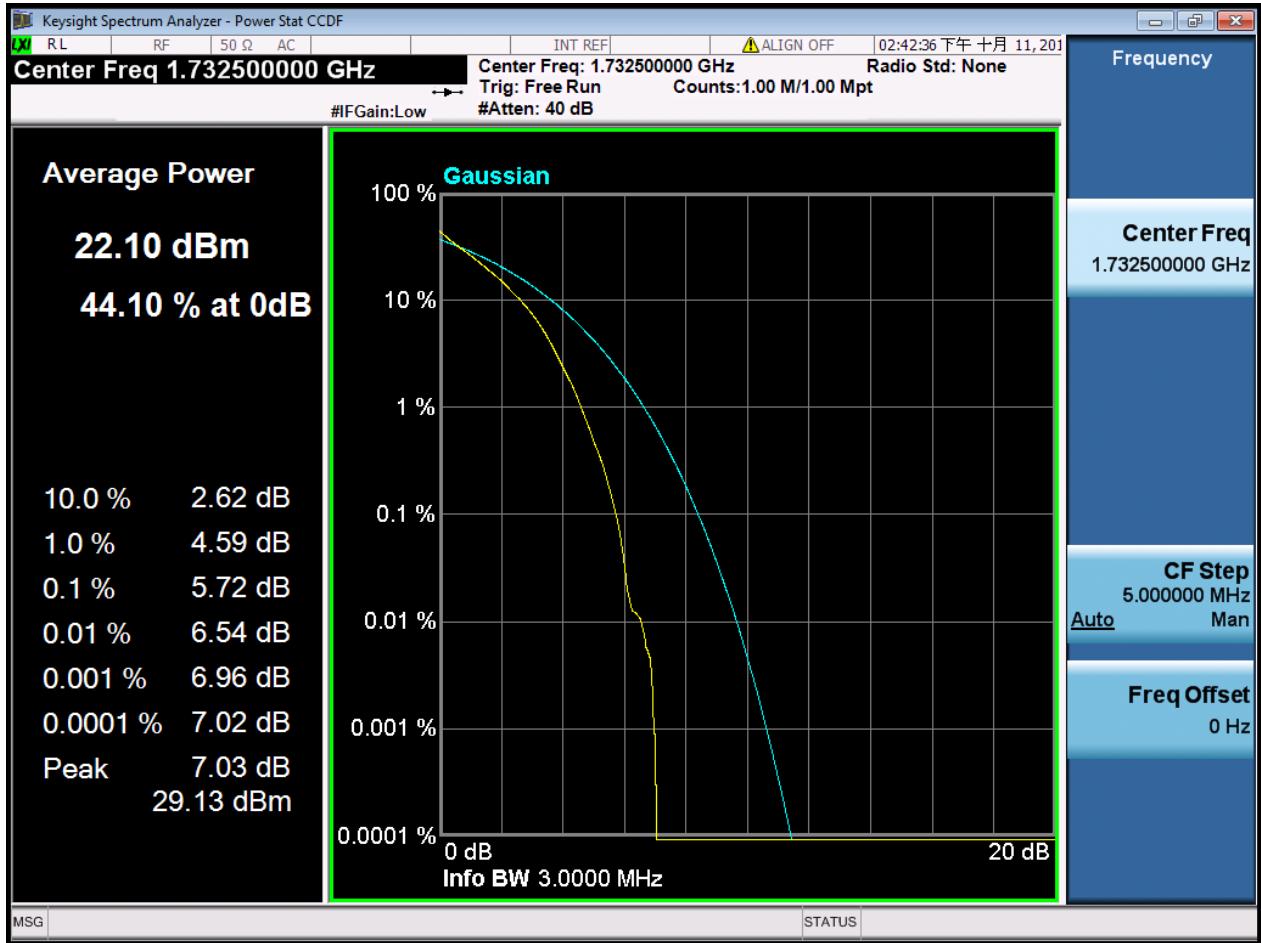
0 dB 20 dB Info BW 3.0000 MHz

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

MSG STATUS

**1.19. 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	5.72	13	Pass



**Average Power**  
**22.10 dBm**  
**44.10 % at 0dB**

10.0 %	2.62 dB
1.0 %	4.59 dB
0.1 %	5.72 dB
0.01 %	6.54 dB
0.001 %	6.96 dB
0.0001 %	7.02 dB
Peak	7.03 dB
	29.13 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

**1.20. 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	5.71	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

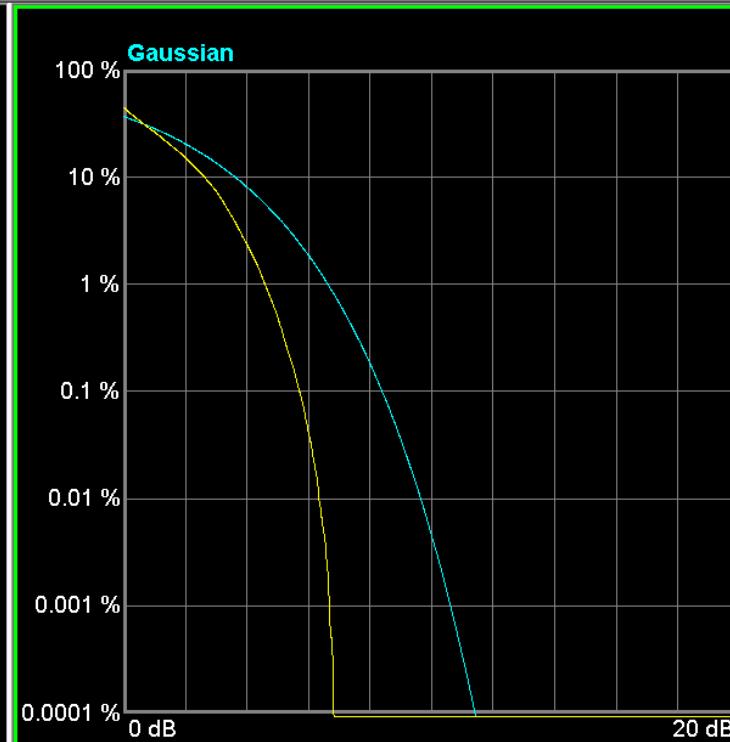
RL RF 50 Ω AC INT REF ALIGN OFF 02:42:40 下午 十月 11, 201

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 22.06 dBm  
44.45 % at 0dB

10.0 % 2.62 dB  
1.0 % 4.58 dB  
0.1 % 5.71 dB  
0.01 % 6.34 dB  
0.001 % 6.68 dB  
0.0001 % 6.80 dB  
Peak 6.81 dB  
28.87 dBm

Gaussian



0 dB 20 dB Info BW 3.0000 MHz

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

MSG STATUS

**1.21. 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	5.72	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:42:44 下午 十月 11, 201

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  
**22.06 dBm**  
**44.83 % at 0dB**

10.0 % 2.47 dB  
1.0 % 4.51 dB  
0.1 % 5.72 dB  
0.01 % 6.48 dB  
0.001 % 6.64 dB  
0.0001 % 6.71 dB  
Peak 6.72 dB  
28.78 dBm

Gaussian



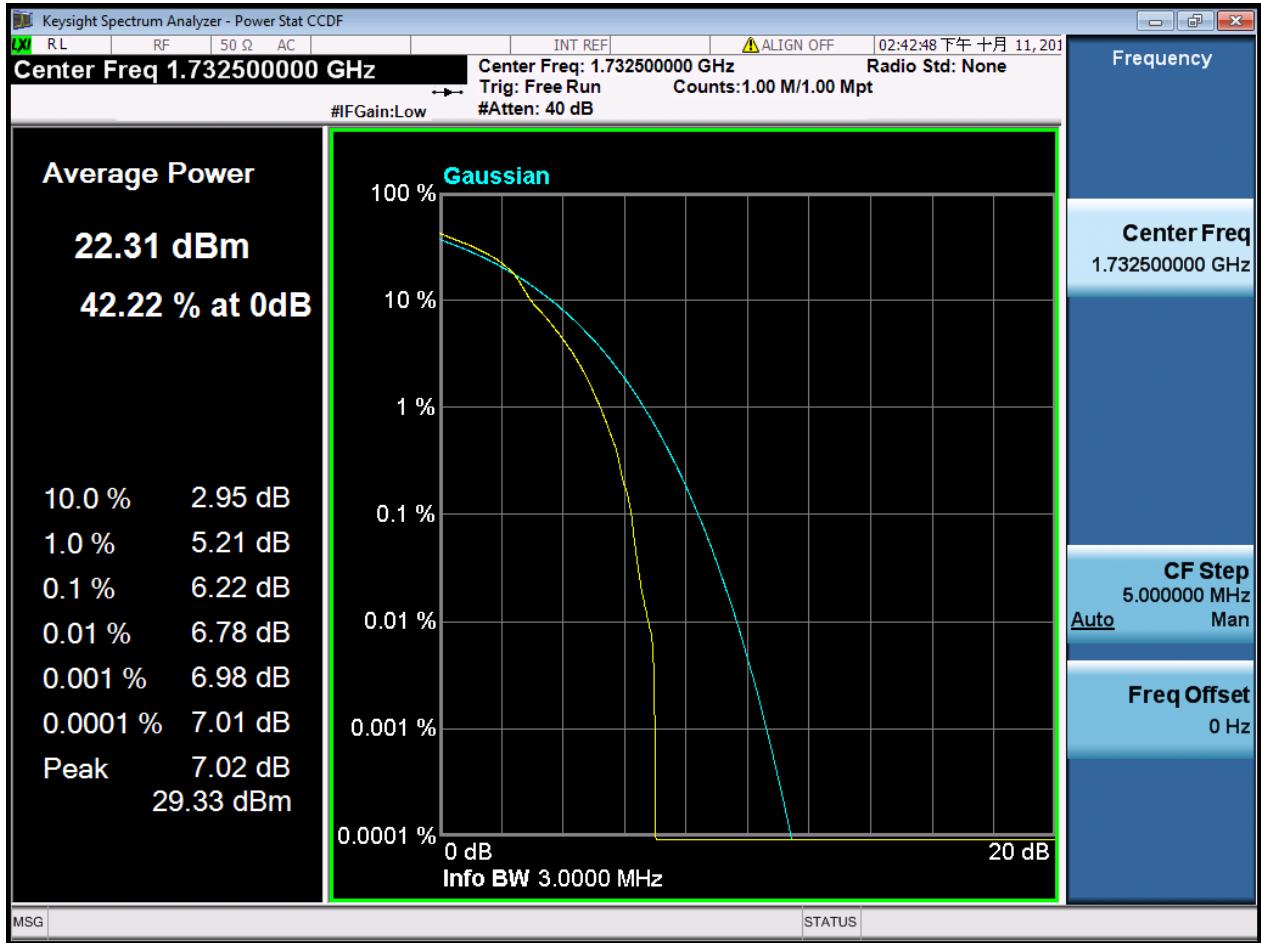
0.0001 % 0 dB 20 dB  
Info BW 3.0000 MHz

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

MSG STATUS

**1.22. 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	6.22	13	Pass



Average Power  
**22.31 dBm**  
**42.22 % at 0dB**

10.0 %	2.95 dB
1.0 %	5.21 dB
0.1 %	6.22 dB
0.01 %	6.78 dB
0.001 %	6.98 dB
0.0001 %	7.01 dB
Peak	7.02 dB
	29.33 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

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:42:53 下午 十月 11, 201

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 22.30 dBm  
42.49 % at 0dB

10.0 % 2.94 dB  
1.0 % 5.16 dB  
0.1 % 6.09 dB  
0.01 % 6.57 dB  
0.001 % 6.75 dB  
0.0001 % 6.78 dB  
Peak 6.79 dB  
29.09 dBm

Gaussian



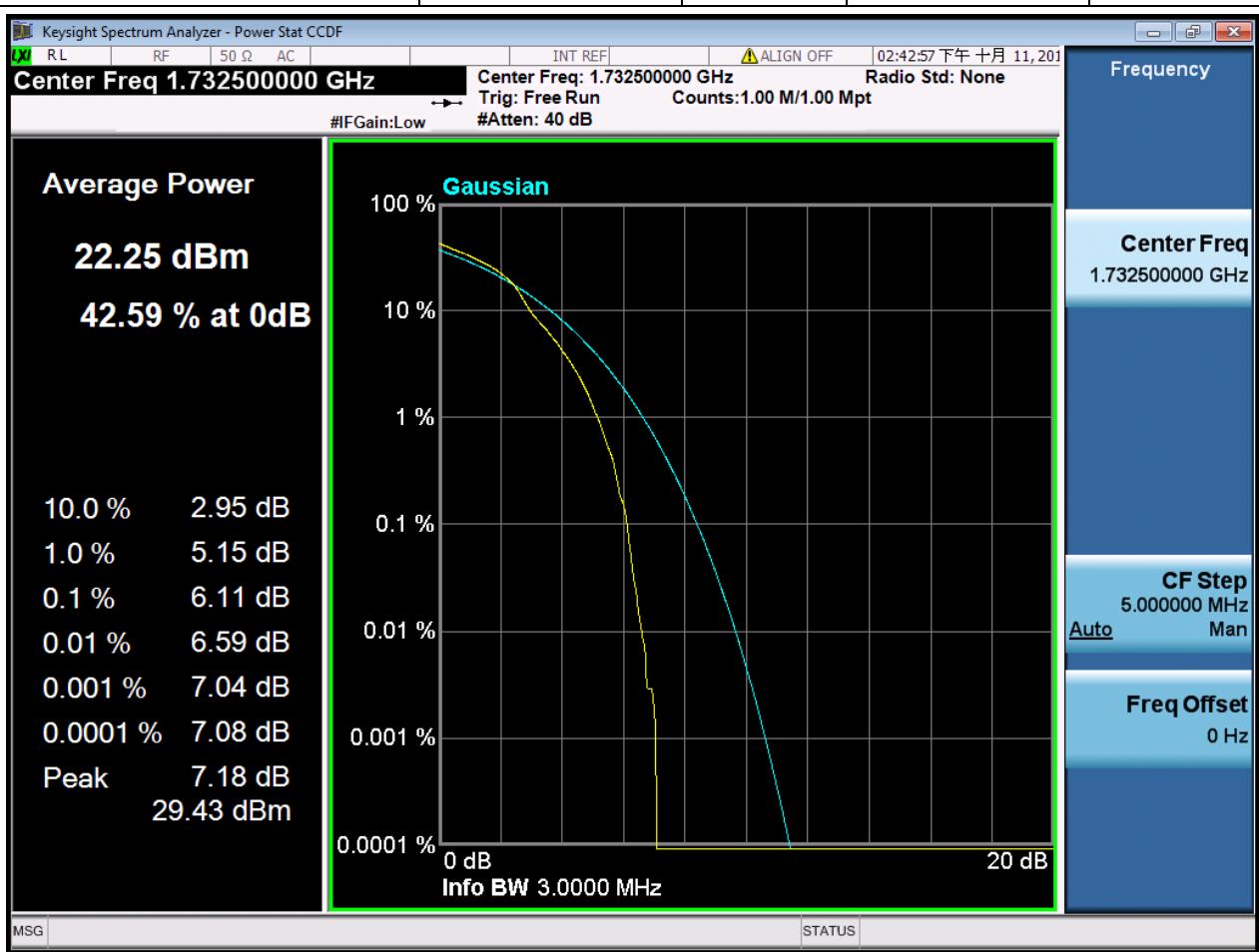
0.0001 % 0 dB 20 dB  
Info BW 3.0000 MHz

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

MSG STATUS

**1.24. 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	6.11	13	Pass



**Average Power**  
**22.25 dBm**  
**42.59 % at 0dB**

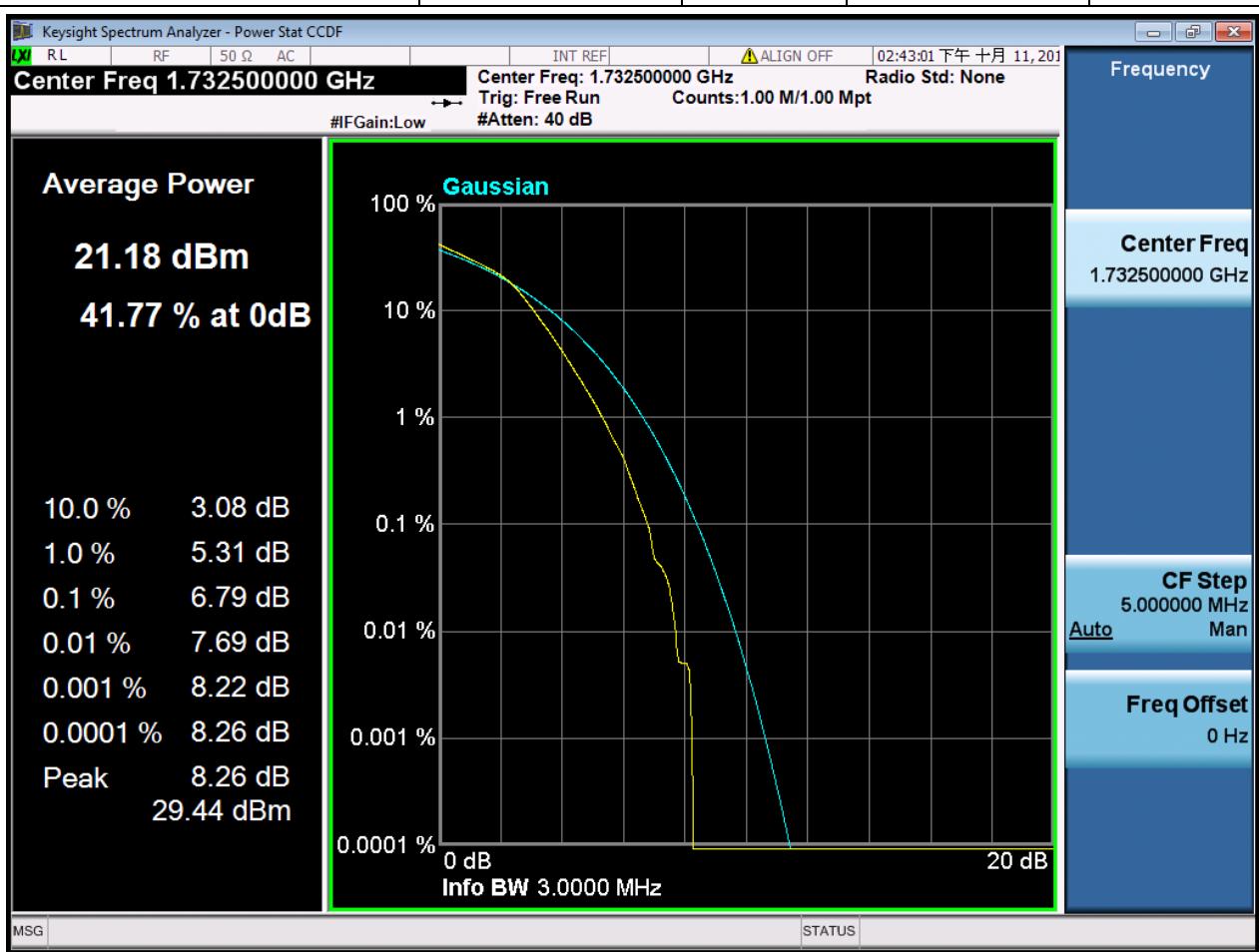
10.0 %	2.95 dB
1.0 %	5.15 dB
0.1 %	6.11 dB
0.01 %	6.59 dB
0.001 %	7.04 dB
0.0001 %	7.08 dB
Peak	7.18 dB
	29.43 dBm

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

**1.25. 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	6.79	13	Pass



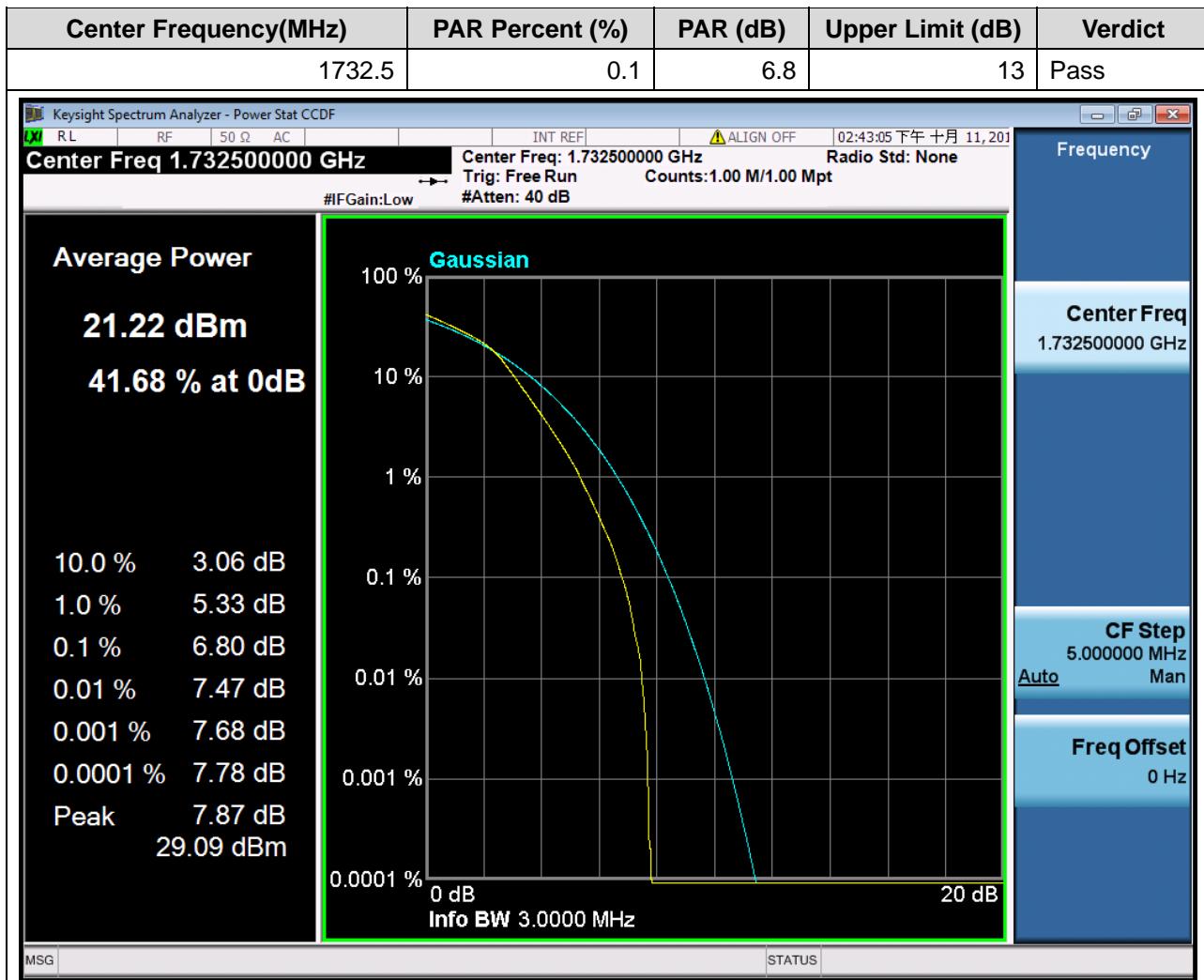
Average Power  
**21.18 dBm**  
**41.77 % at 0dB**

10.0 %	3.08 dB
1.0 %	5.31 dB
0.1 %	6.79 dB
0.01 %	7.69 dB
0.001 %	8.22 dB
0.0001 %	8.26 dB
Peak	8.26 dB
	29.44 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

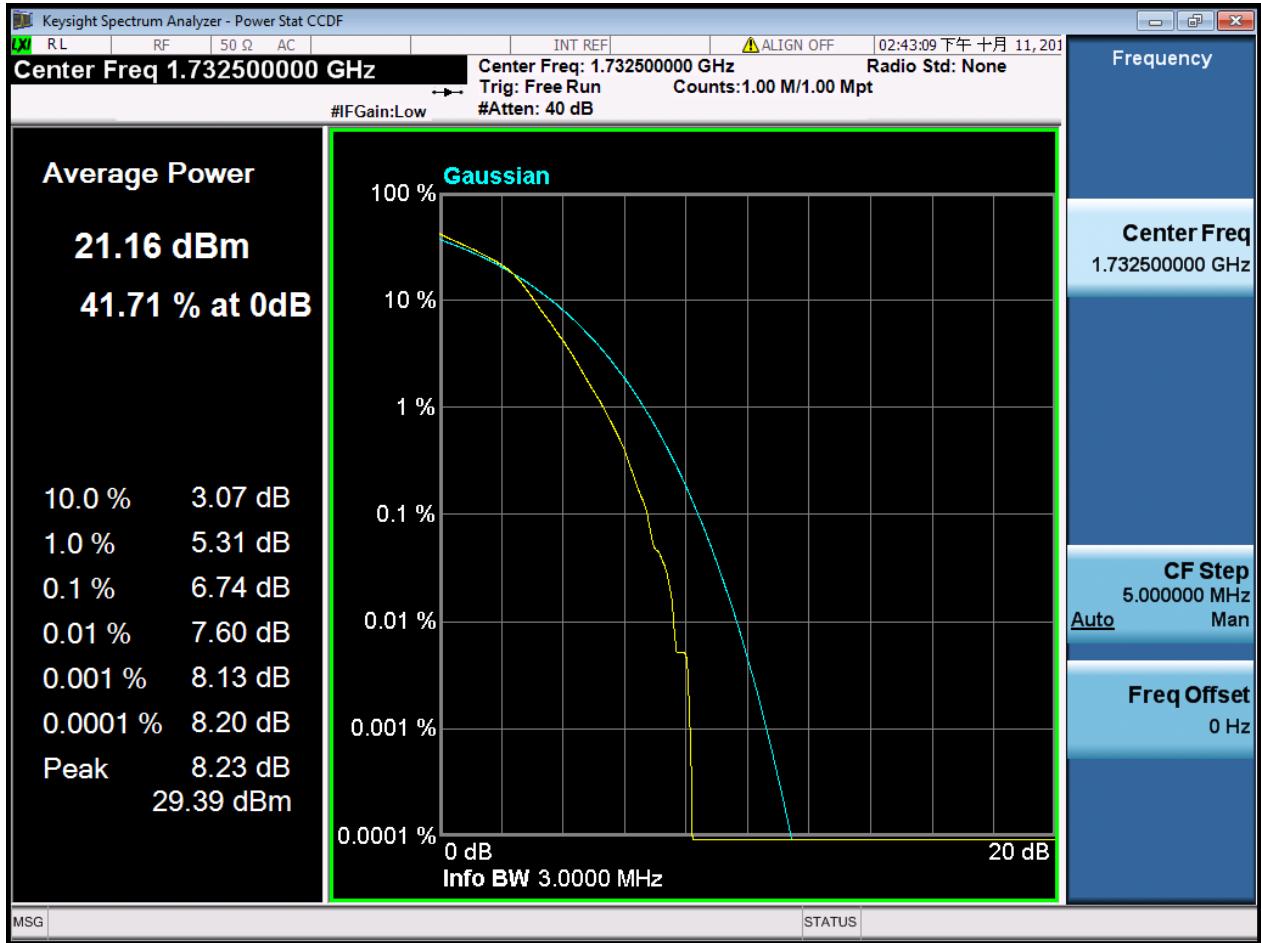
Frequency  
Center Freq 1.732500000 GHz  
CF Step 5.000000 MHz Man  
Auto  
Freq Offset 0 Hz

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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.74	13	Pass



**Average Power**  
**21.16 dBm**  
**41.71 % at 0dB**

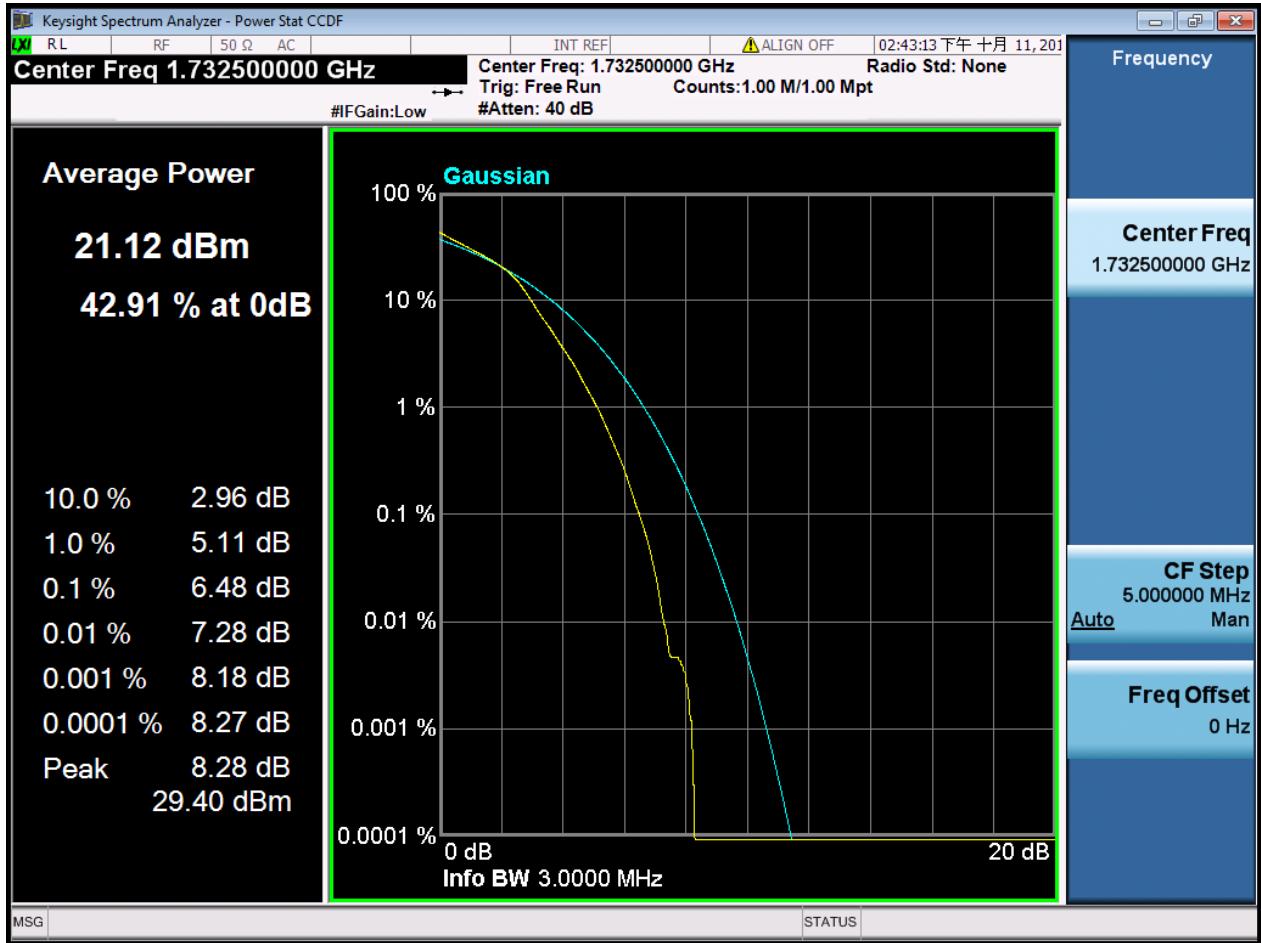
10.0 %	3.07 dB
1.0 %	5.31 dB
0.1 %	6.74 dB
0.01 %	7.60 dB
0.001 %	8.13 dB
0.0001 %	8.20 dB
Peak	8.23 dB
	29.39 dBm

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

**1.28. 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	6.48	13	Pass



Average Power  
21.12 dBm  
42.91 % at 0dB

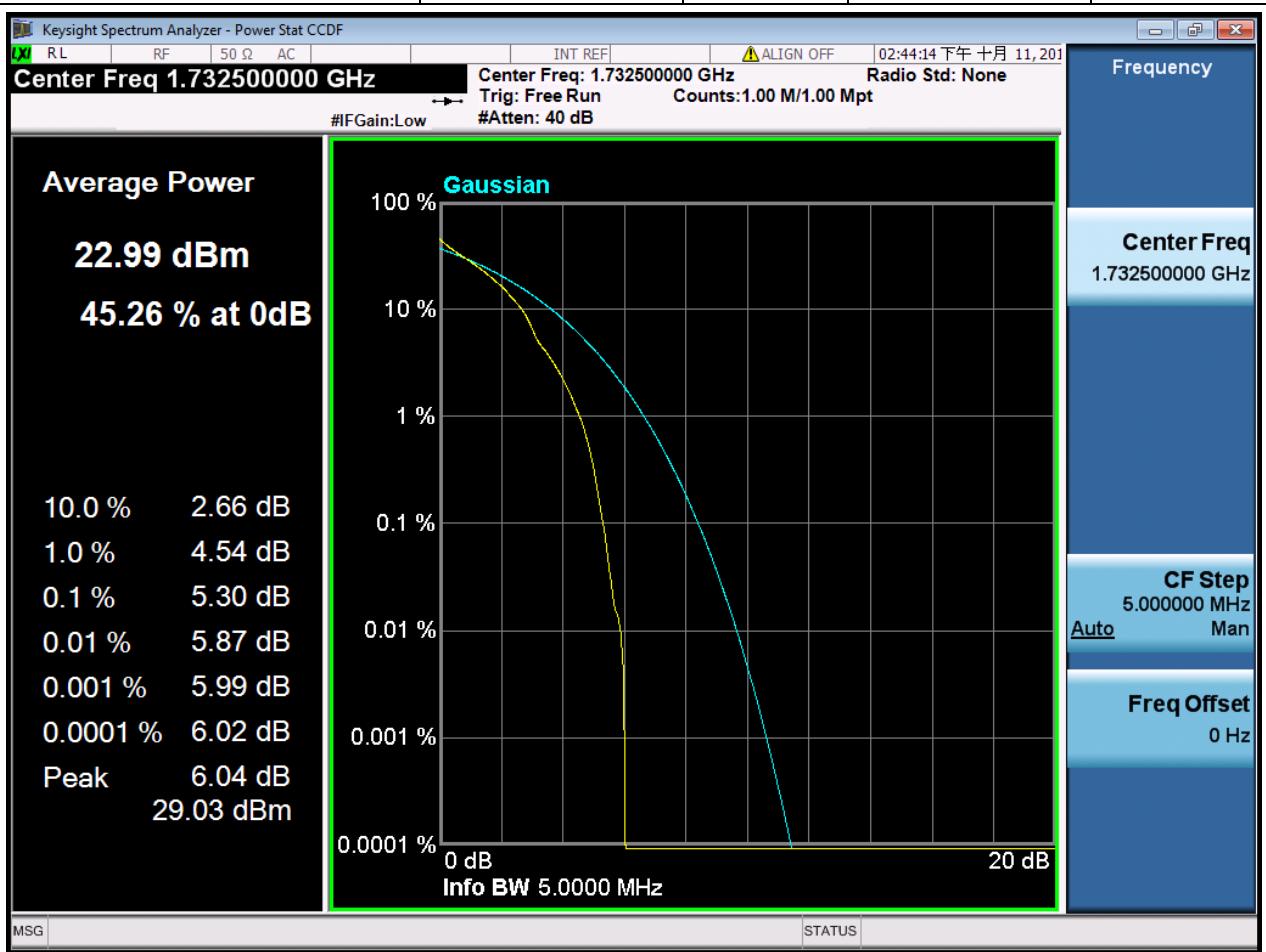
10.0 %	2.96 dB
1.0 %	5.11 dB
0.1 %	6.48 dB
0.01 %	7.28 dB
0.001 %	8.18 dB
0.0001 %	8.27 dB
Peak	8.28 dB
	29.40 dBm

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

**1.29. 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	5.3	13	Pass

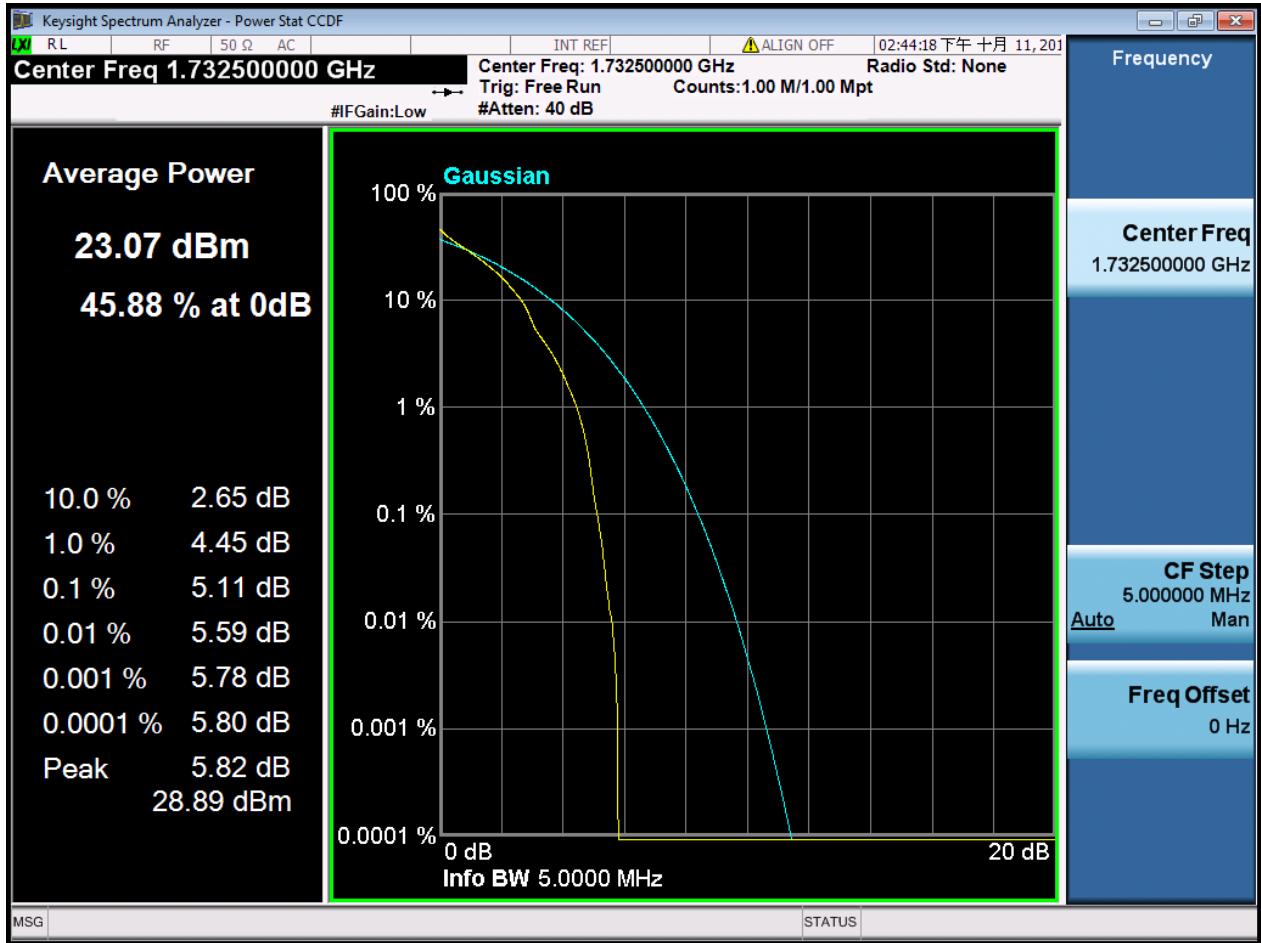


The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- 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:** 22.99 dBm
- 45.26 % at 0dB**
- Peak:** 6.04 dB
- 29.03 dBm**
- Info BW:** 5.0000 MHz
- Gaussian Fit:** The plot shows a Gaussian distribution curve overlaid on the measured data.
- Y-axis:** Logarithmic scale from 0.0001 % to 100 %.
- X-axis:** Linear scale from 0 dB to 20 dB.

**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	5.11	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:44:18 下午 十月 11, 201

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  
23.07 dBm  
45.88 % at 0dB

10.0 %	2.65 dB
1.0 %	4.45 dB
0.1 %	5.11 dB
0.01 %	5.59 dB
0.001 %	5.78 dB
0.0001 %	5.80 dB
Peak	5.82 dB
	28.89 dBm

Gaussian

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

0 dB 20 dB

Info BW 5.0000 MHz

Frequency  
Center Freq 1.732500000 GHz

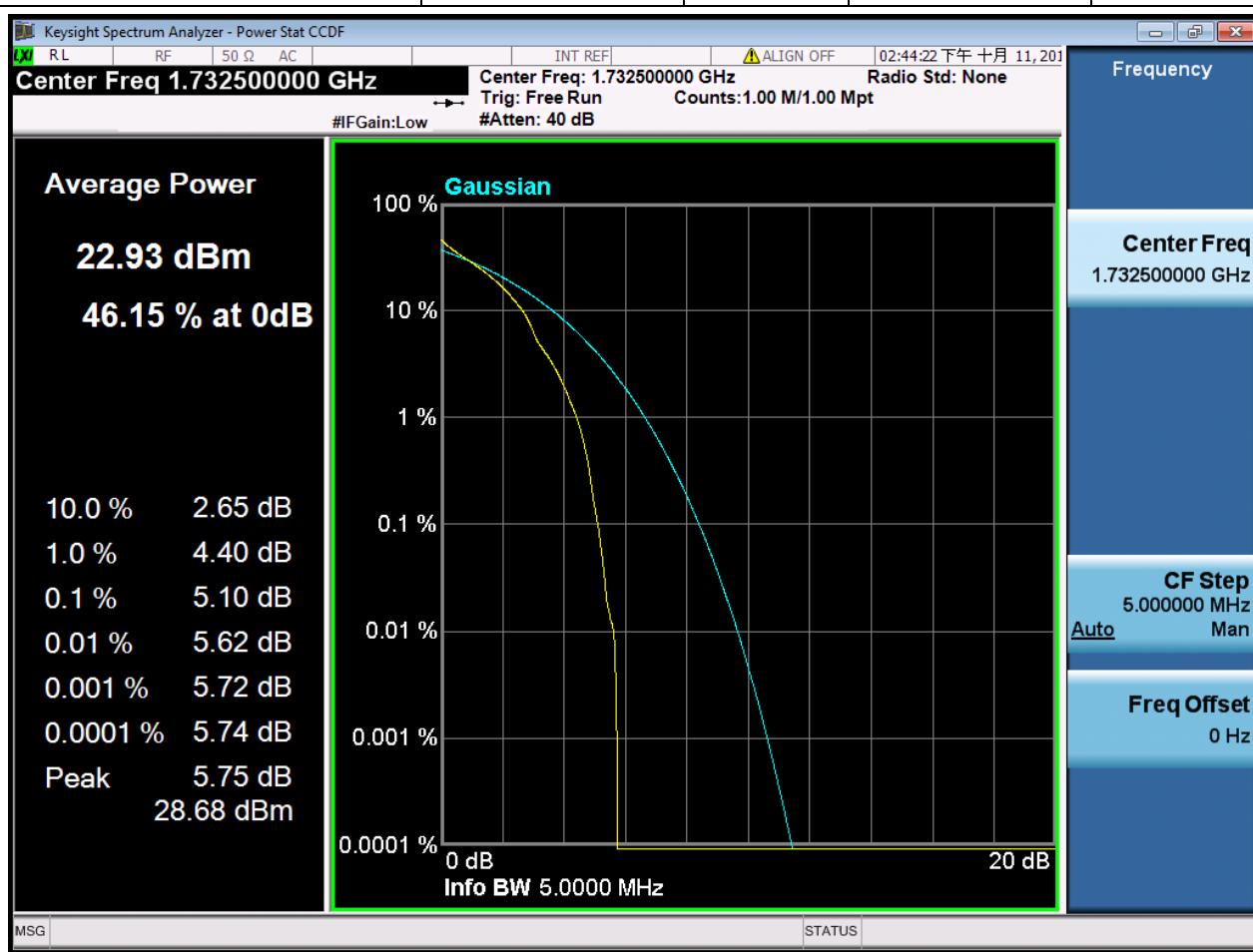
CF Step 5.000000 MHz  
Auto Man

Freq Offset 0 Hz

MSG STATUS

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

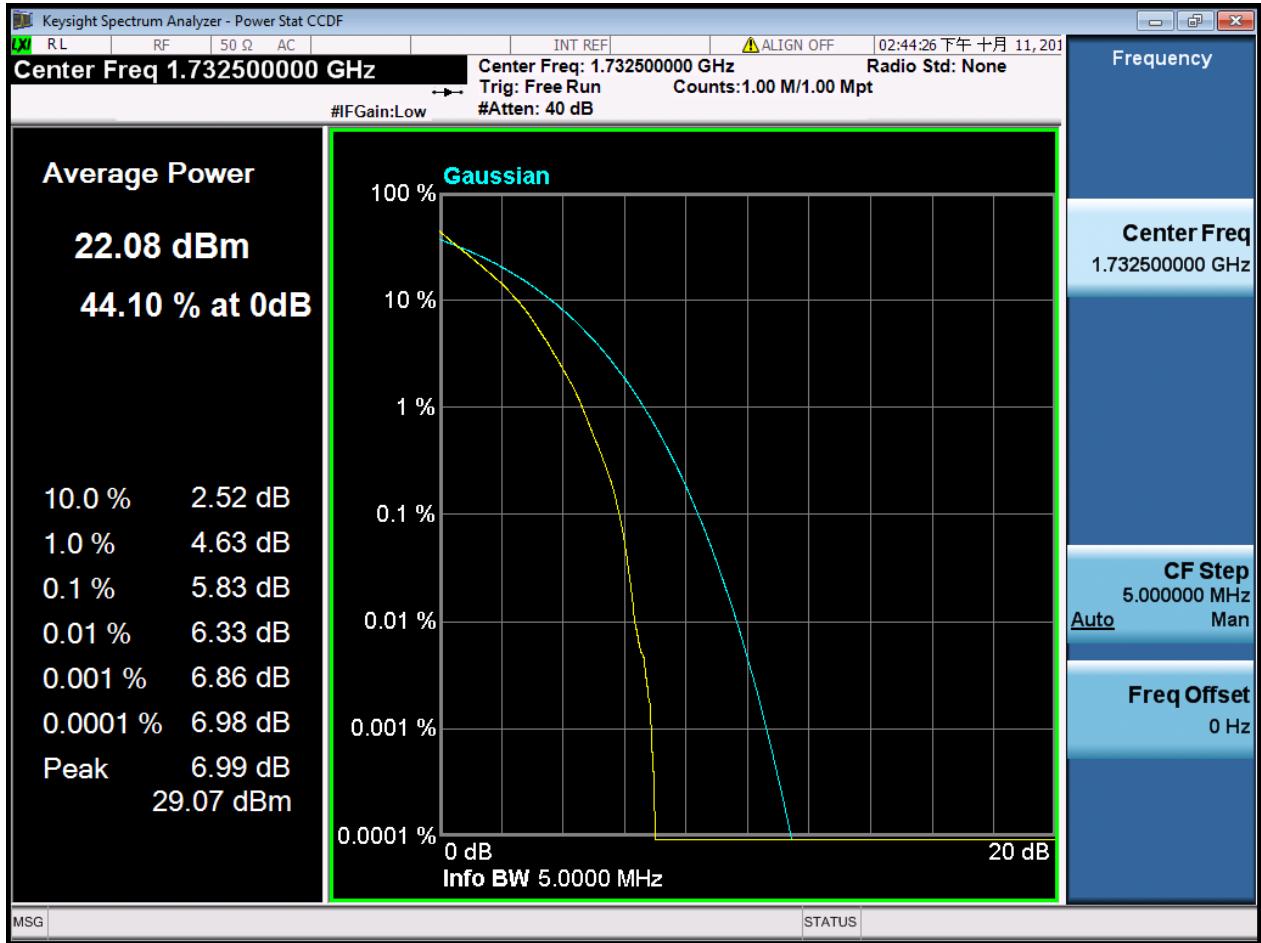
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.1	13	Pass



The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF test. The main window displays a Gaussian-shaped cumulative distribution curve on a log-linear scale. The x-axis represents power in dB (from 0 dB to 20 dB) and the y-axis represents percentage (from 0.0001 % to 100 %). A yellow vertical line marks the peak power at 5.75 dB. The plot title is "Gaussian". The left panel shows average power statistics: 22.93 dBm and 46.15 % at 0 dB. The right panel shows the center frequency as 1.732500000 GHz, CF Step as 5.000000 MHz, and Freq Offset as 0 Hz. The top status bar indicates Center Freq: 1.732500000 GHz, Radio Std: None, Trig: Free Run, Counts: 1.00 M/1.00 Mpt, and #Atten: 40 dB.

**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	5.83	13	Pass



**Average Power**  
**22.08 dBm**  
**44.10 % at 0dB**

10.0 %	2.52 dB
1.0 %	4.63 dB
0.1 %	5.83 dB
0.01 %	6.33 dB
0.001 %	6.86 dB
0.0001 %	6.98 dB
Peak	6.99 dB
	29.07 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  
Auto  
Freq Offset 0 Hz

**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	5.74	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:44:30 下午 十月 11, 201

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 22.13 dBm  
43.99 % at 0dB

10.0 % 2.53 dB  
1.0 % 4.61 dB  
0.1 % 5.74 dB  
0.01 % 6.44 dB  
0.001 % 6.85 dB  
0.0001 % 6.93 dB  
Peak 6.95 dB  
29.08 dBm

Gaussian



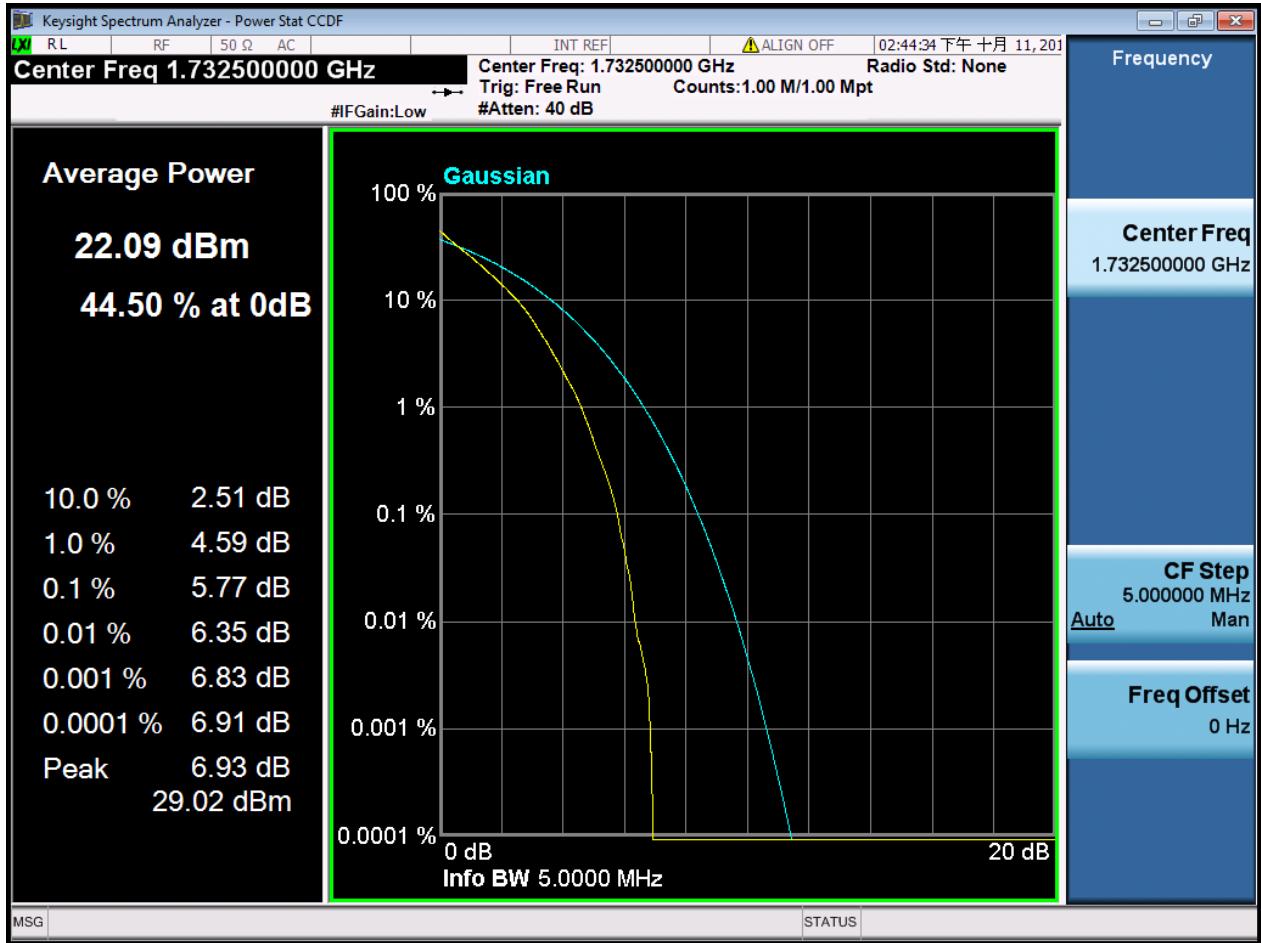
0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

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	5.77	13	Pass

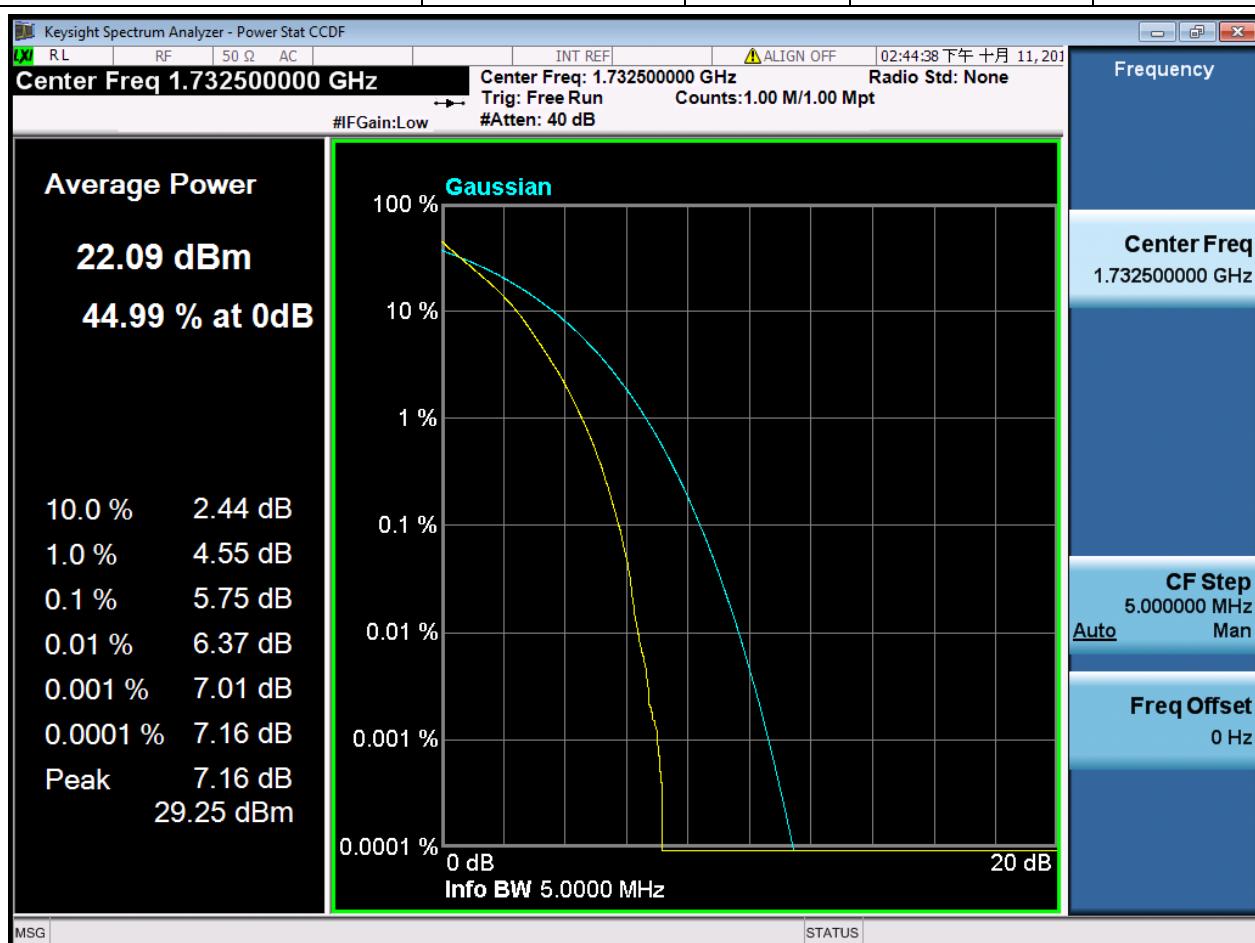


Average Power  
**22.09 dBm**  
**44.50 % at 0dB**

10.0 %	2.51 dB
1.0 %	4.59 dB
0.1 %	5.77 dB
0.01 %	6.35 dB
0.001 %	6.83 dB
0.0001 %	6.91 dB
Peak	6.93 dB
	29.02 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	5.75	13	Pass



Average Power  
**22.09 dBm**  
44.99 % at 0dB

10.0 %	2.44 dB
1.0 %	4.55 dB
0.1 %	5.75 dB
0.01 %	6.37 dB
0.001 %	7.01 dB
0.0001 %	7.16 dB
Peak	7.16 dB
	29.25 dBm

**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	6.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:44:43 下午 十月 11, 201

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 22.31 dBm  
41.84 % at 0dB

10.0 % 2.95 dB  
1.0 % 5.44 dB  
0.1 % 6.22 dB  
0.01 % 6.60 dB  
0.001 % 6.66 dB  
0.0001 % 6.68 dB  
Peak 6.71 dB  
29.02 dBm

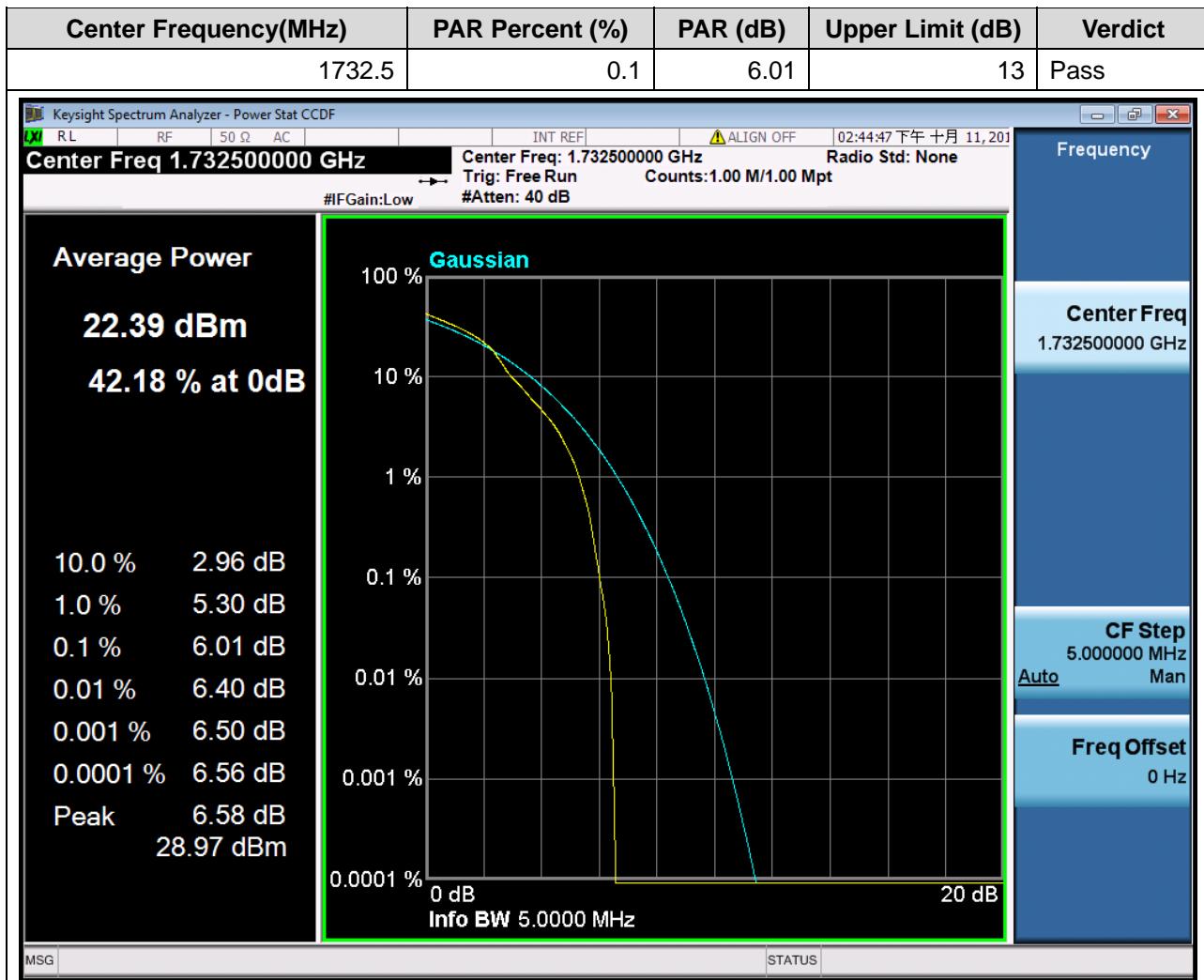
Gaussian



0.0001 % 0 dB 20 dB  
Info BW 5.0000 MHz

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

**1.37. LTE Peak to Average Ratio(NTNV)(Subtest:37, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)**



**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	6.01	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:44:51 下午 十月 11, 201

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 22.23 dBm  
42.26 % at 0dB

10.0 % 2.95 dB  
1.0 % 5.28 dB  
0.1 % 6.01 dB  
0.01 % 6.37 dB  
0.001 % 6.44 dB  
0.0001 % 6.45 dB  
Peak 6.47 dB  
28.70 dBm

Gaussian

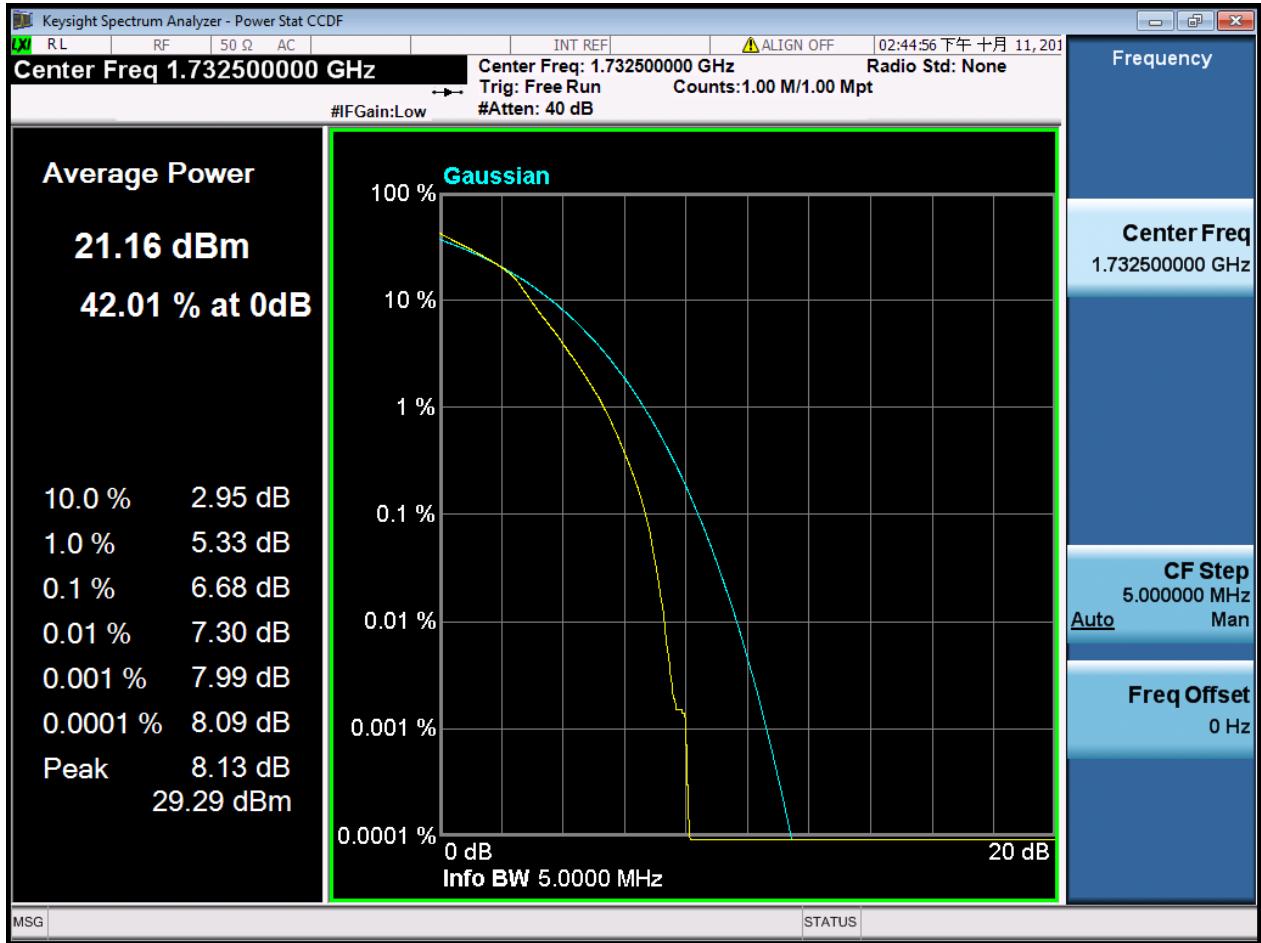


Frequency  
Center Freq 1.732500000 GHz  
CF Step 5.000000 MHz  
Auto Man  
Freq Offset 0 Hz

MSG STATUS

**1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel: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	6.68	13	Pass



**Average Power**  
**21.16 dBm**  
**42.01 % at 0dB**

10.0 %	2.95 dB
1.0 %	5.33 dB
0.1 %	6.68 dB
0.01 %	7.30 dB
0.001 %	7.99 dB
0.0001 %	8.09 dB
Peak	8.13 dB
	29.29 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

**1.40. 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	6.63	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:45:00 下午 十月 11, 201

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 21.22 dBm  
42.05 % at 0dB

10.0 % 2.97 dB  
1.0 % 5.32 dB  
0.1 % 6.63 dB  
0.01 % 7.27 dB  
0.001 % 7.86 dB  
0.0001 % 7.98 dB  
Peak 8.01 dB  
29.23 dBm

Gaussian

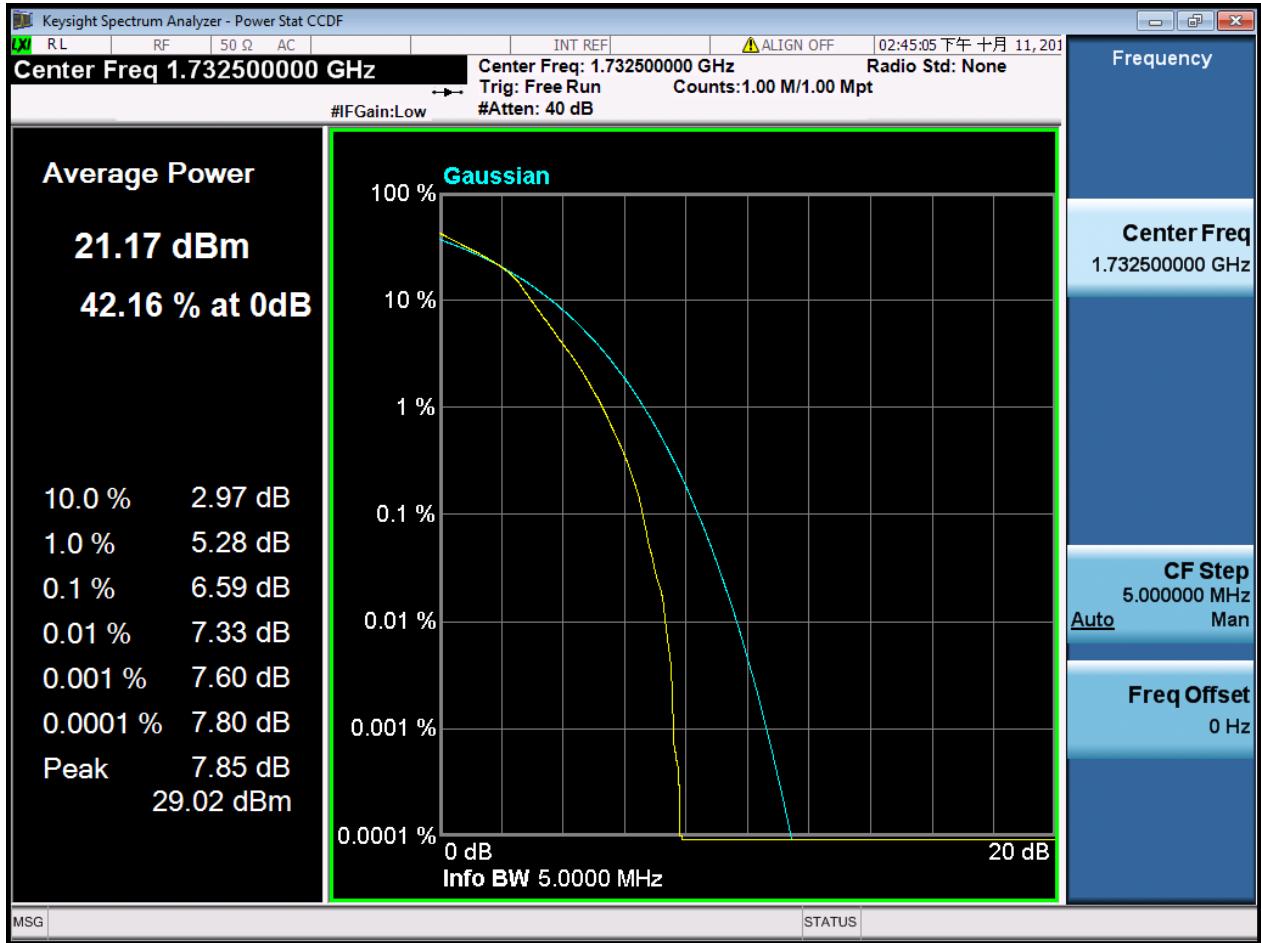


0.0001 % 0 dB 20 dB  
Info BW 5.0000 MHz

Frequency  
Center Freq 1.732500000 GHz  
CF Step 5.000000 MHz Man  
Auto  
Freq Offset 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	6.59	13	Pass

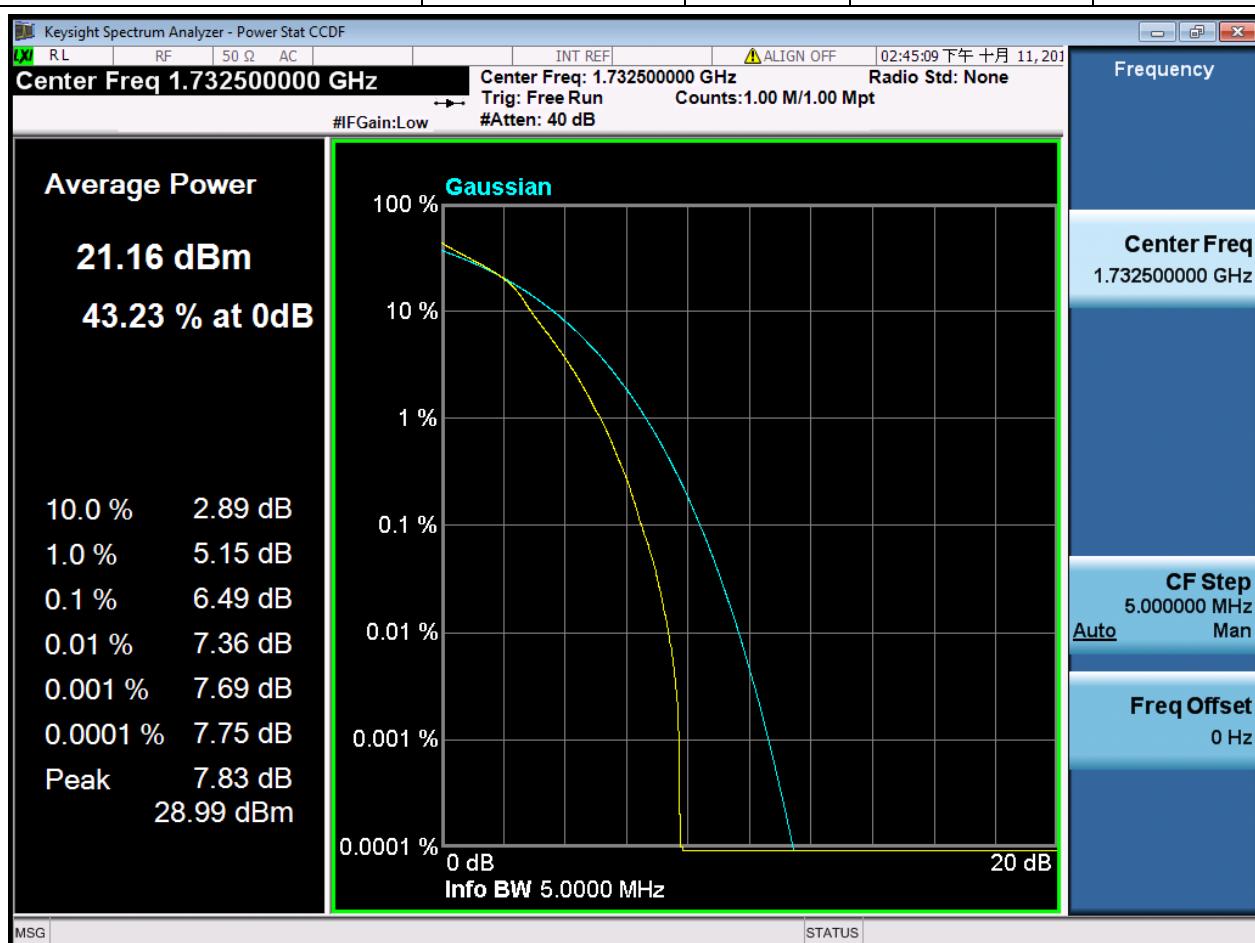


Average Power  
21.17 dBm  
42.16 % at 0dB

10.0 %	2.97 dB
1.0 %	5.28 dB
0.1 %	6.59 dB
0.01 %	7.33 dB
0.001 %	7.60 dB
0.0001 %	7.80 dB
Peak	7.85 dB
	29.02 dBm

**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	6.49	13	Pass



**Average Power**  
**21.16 dBm**  
**43.23 % at 0dB**

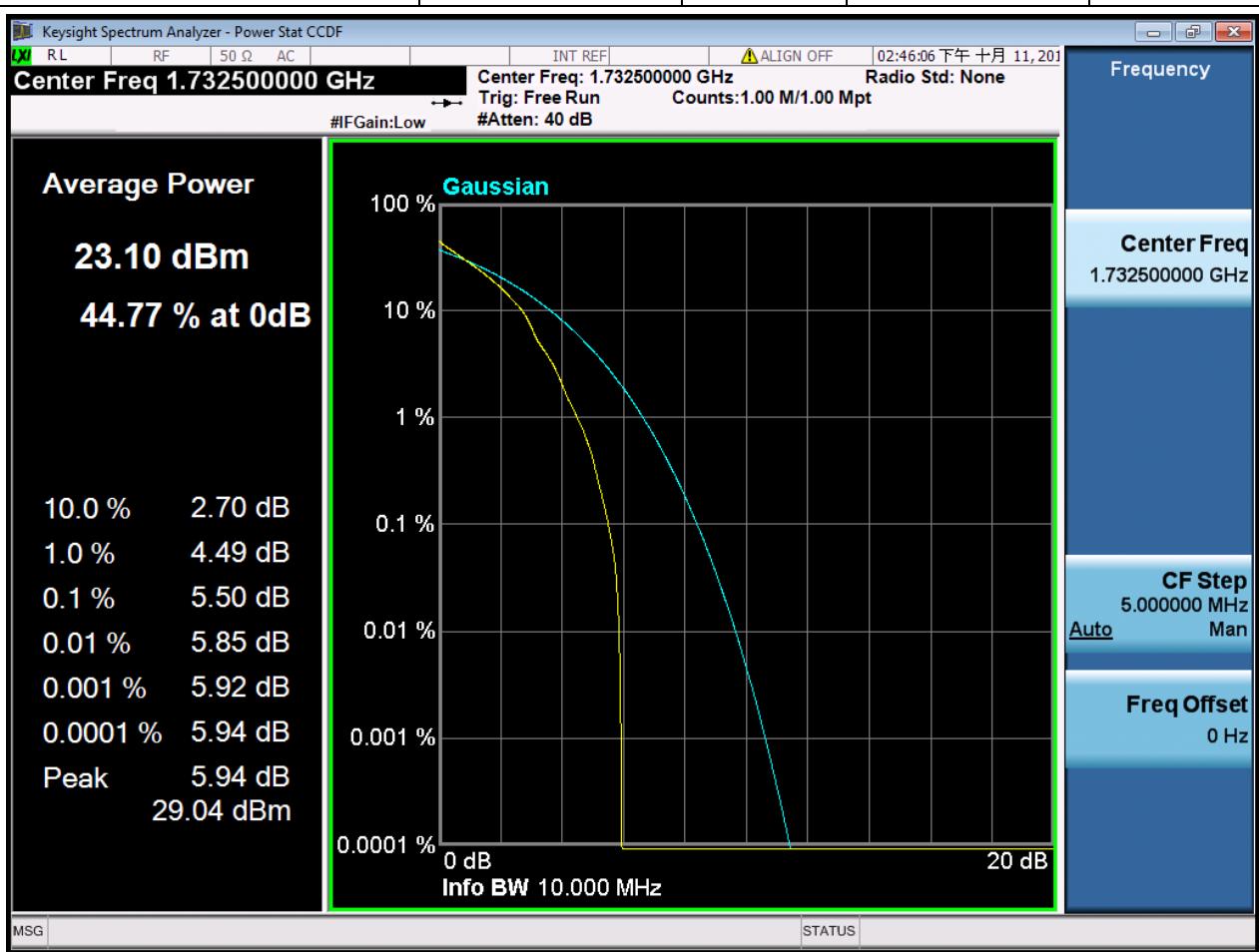
10.0 %	2.89 dB
1.0 %	5.15 dB
0.1 %	6.49 dB
0.01 %	7.36 dB
0.001 %	7.69 dB
0.0001 %	7.75 dB
Peak	7.83 dB
	28.99 dBm

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  
 CF Step 5.000000 MHz Man  
 Auto  
 Freq Offset 0 Hz

**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	5.5	13	Pass



**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	5.2	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:46:10 下午 十月 11, 201

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 23.17 dBm  
45.68 % at 0dB

10.0 % 2.65 dB  
1.0 % 4.31 dB  
0.1 % 5.20 dB  
0.01 % 5.52 dB  
0.001 % 5.72 dB  
0.0001 % 5.76 dB  
Peak 5.76 dB  
28.93 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

**1.45. 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	5.06	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

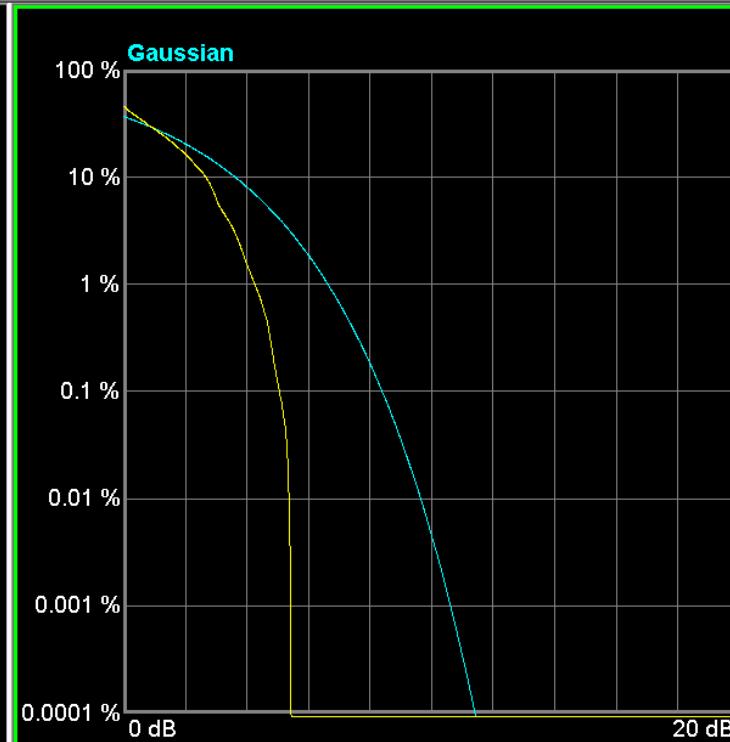
RL RF 50 Ω AC INT REF ALIGN OFF 02:46:14 下午 十月 11, 201

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 22.96 dBm  
46.22 % at 0dB

10.0 % 2.66 dB  
1.0 % 4.25 dB  
0.1 % 5.06 dB  
0.01 % 5.36 dB  
0.001 % 5.42 dB  
0.0001 % 5.43 dB  
Peak 5.43 dB  
28.39 dBm

Gaussian



Info BW 10.000 MHz

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

**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	5.76	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:46:19 下午 十月 11, 201

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 22.17 dBm  
44.72 % at 0dB

10.0 % 2.46 dB  
1.0 % 4.62 dB  
0.1 % 5.76 dB  
0.01 % 6.50 dB  
0.001 % 6.82 dB  
0.0001 % 6.91 dB  
Peak 6.91 dB  
29.08 dBm

Gaussian



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	5.73	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:46:23 下午 十月 11, 201

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 22.15 dBm  
44.62 % at 0dB

10.0 % 2.47 dB  
1.0 % 4.60 dB  
0.1 % 5.73 dB  
0.01 % 6.42 dB  
0.001 % 6.71 dB  
0.0001 % 6.82 dB  
Peak 6.85 dB  
29.00 dBm

Gaussian



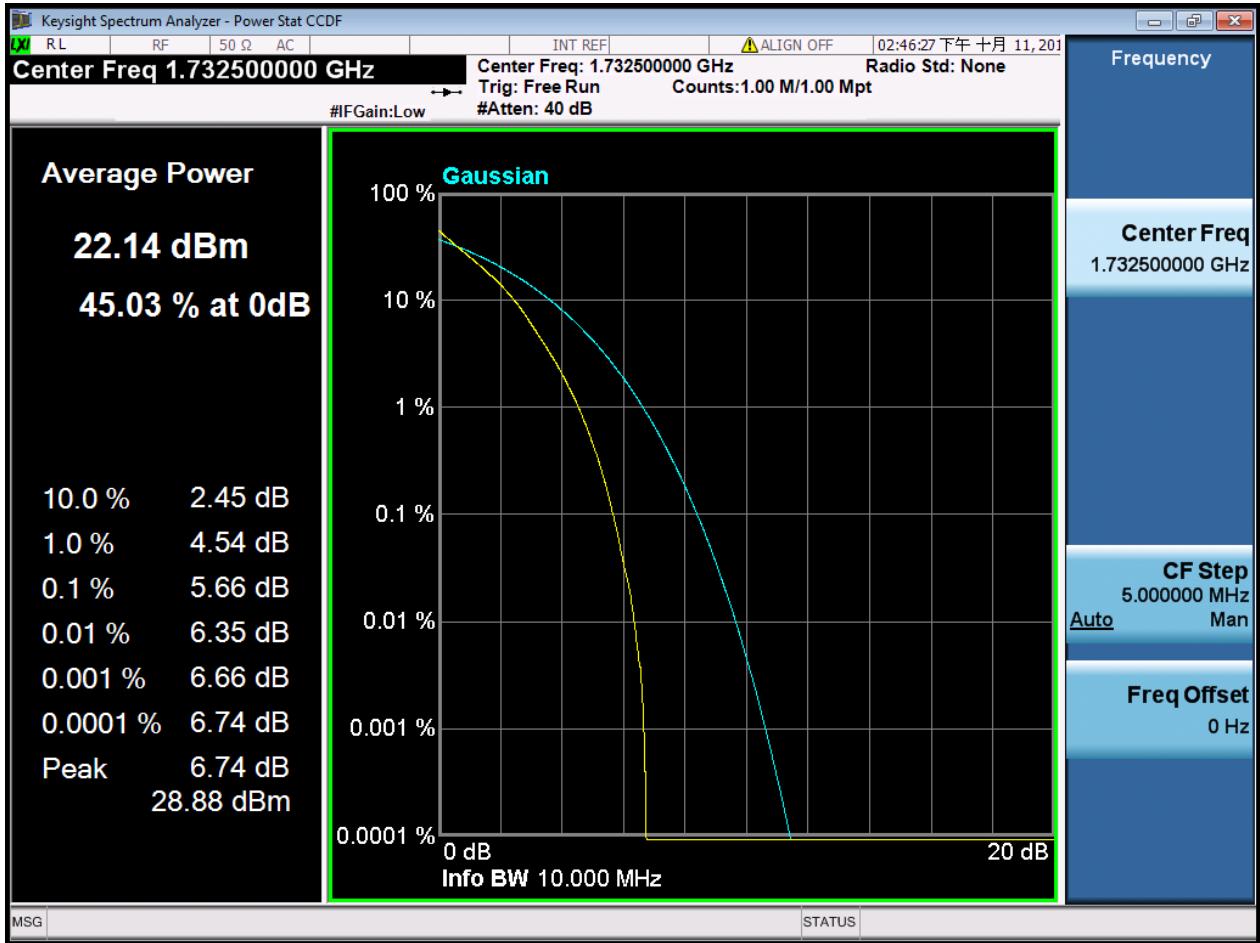
0.0001 % 0 dB 20 dB Info BW 10.000 MHz

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

MSG STATUS

**1.48. 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	5.66	13	Pass



**Average Power**  
**22.14 dBm**  
**45.03 % at 0dB**

10.0 %	2.45 dB
1.0 %	4.54 dB
0.1 %	5.66 dB
0.01 %	6.35 dB
0.001 %	6.66 dB
0.0001 %	6.74 dB
Peak	6.74 dB
	28.88 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  
 CF Step 5.000000 MHz  
 Auto Man  
 Freq Offset 0 Hz

**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	5.76	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:46:31 下午 十月 11, 201

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 22.16 dBm  
45.01 % at 0dB

10.0 % 2.38 dB  
1.0 % 4.55 dB  
0.1 % 5.76 dB  
0.01 % 6.52 dB  
0.001 % 7.04 dB  
0.0001 % 7.36 dB  
Peak 7.39 dB  
29.55 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

**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	6.12	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:46:35 下午 十月 11, 201

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 22.37 dBm  
42.01 % at 0dB

10.0 % 3.06 dB  
1.0 % 5.32 dB  
0.1 % 6.12 dB  
0.01 % 6.57 dB  
0.001 % 6.68 dB  
0.0001 % 6.71 dB  
Peak 6.75 dB  
29.12 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

**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	5.81	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:46:39 下午 十月 11, 201

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  
**22.46 dBm**  
**42.37 % at 0dB**

10.0 % 3.08 dB  
1.0 % 5.14 dB  
0.1 % 5.81 dB  
0.01 % 6.17 dB  
0.001 % 6.38 dB  
0.0001 % 6.41 dB  
Peak 6.43 dB  
28.89 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency  
Center Freq 1.732500000 GHz  
CF Step 5.000000 MHz 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	5.81	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:46:43 下午 十月 11, 201

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  
**22.19 dBm**  
**42.54 % at 0dB**

10.0 % 3.05 dB  
1.0 % 5.10 dB  
0.1 % 5.81 dB  
0.01 % 6.19 dB  
0.001 % 6.30 dB  
0.0001 % 6.32 dB  
Peak 6.33 dB  
28.52 dBm

Gaussian

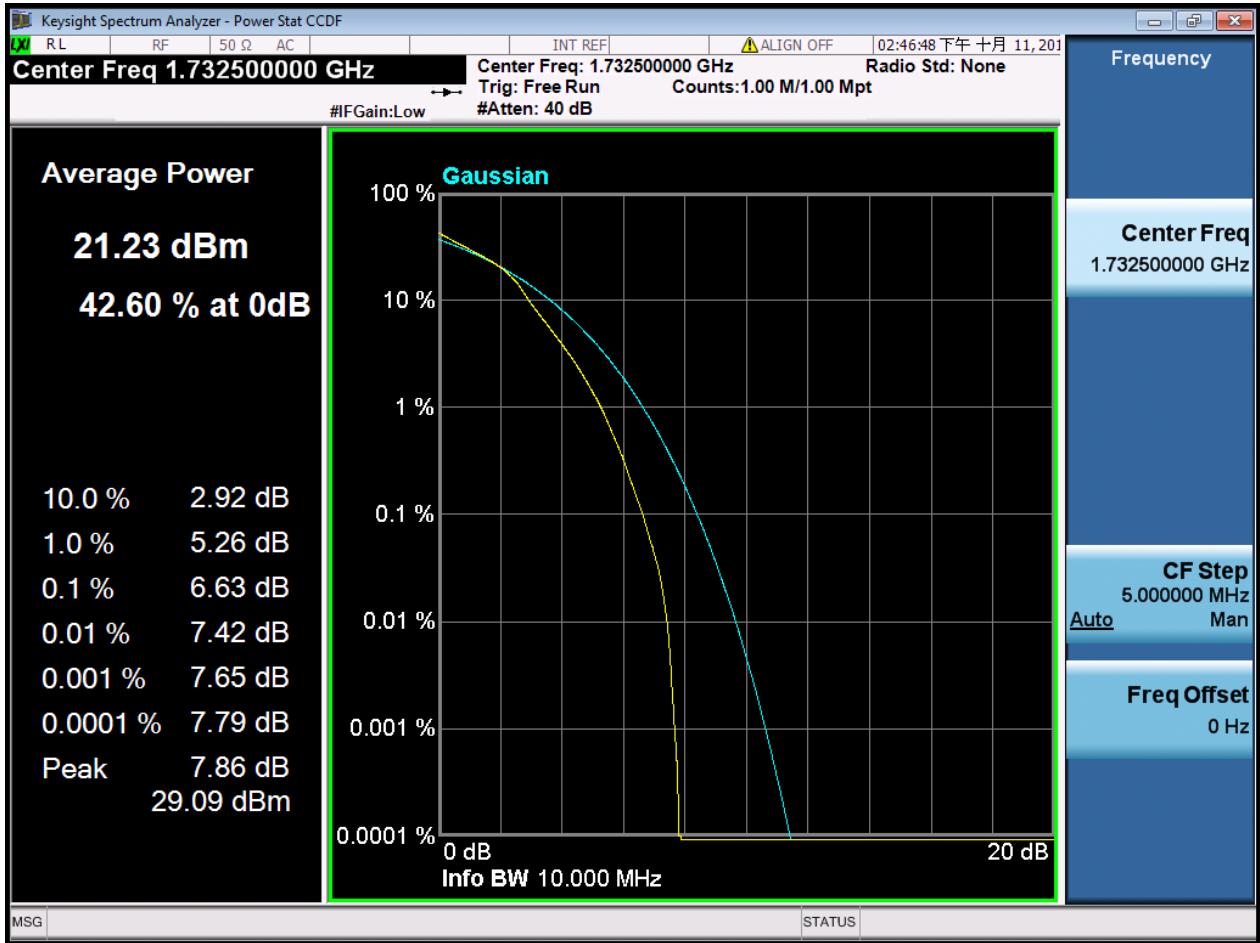


0.0001 % 0 dB 20 dB Info BW 10.000 MHz

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

**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	6.63	13	Pass



**Average Power**  
**21.23 dBm**  
**42.60 % at 0dB**

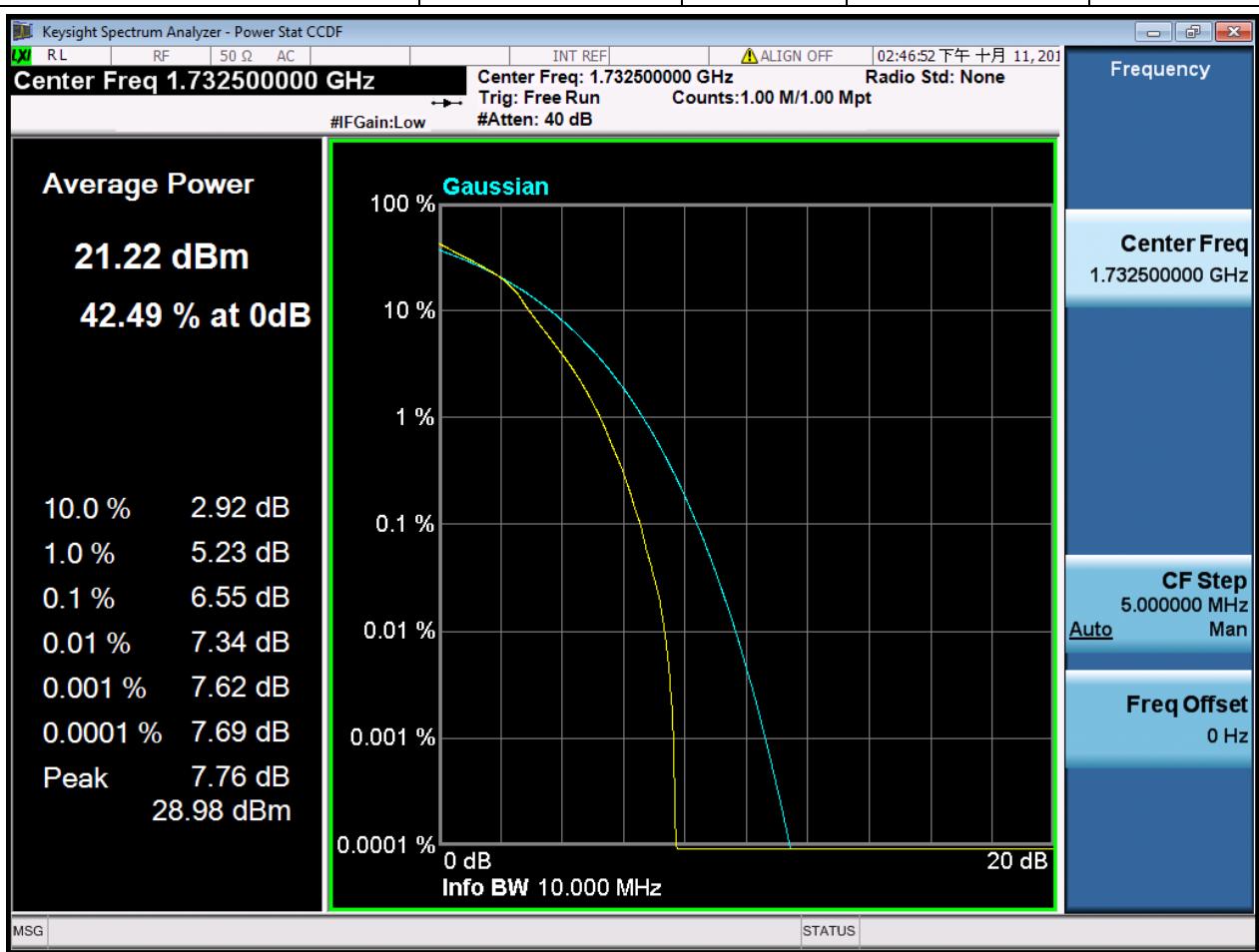
10.0 %	2.92 dB
1.0 %	5.26 dB
0.1 %	6.63 dB
0.01 %	7.42 dB
0.001 %	7.65 dB
0.0001 %	7.79 dB
Peak	7.86 dB
	29.09 dBm

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

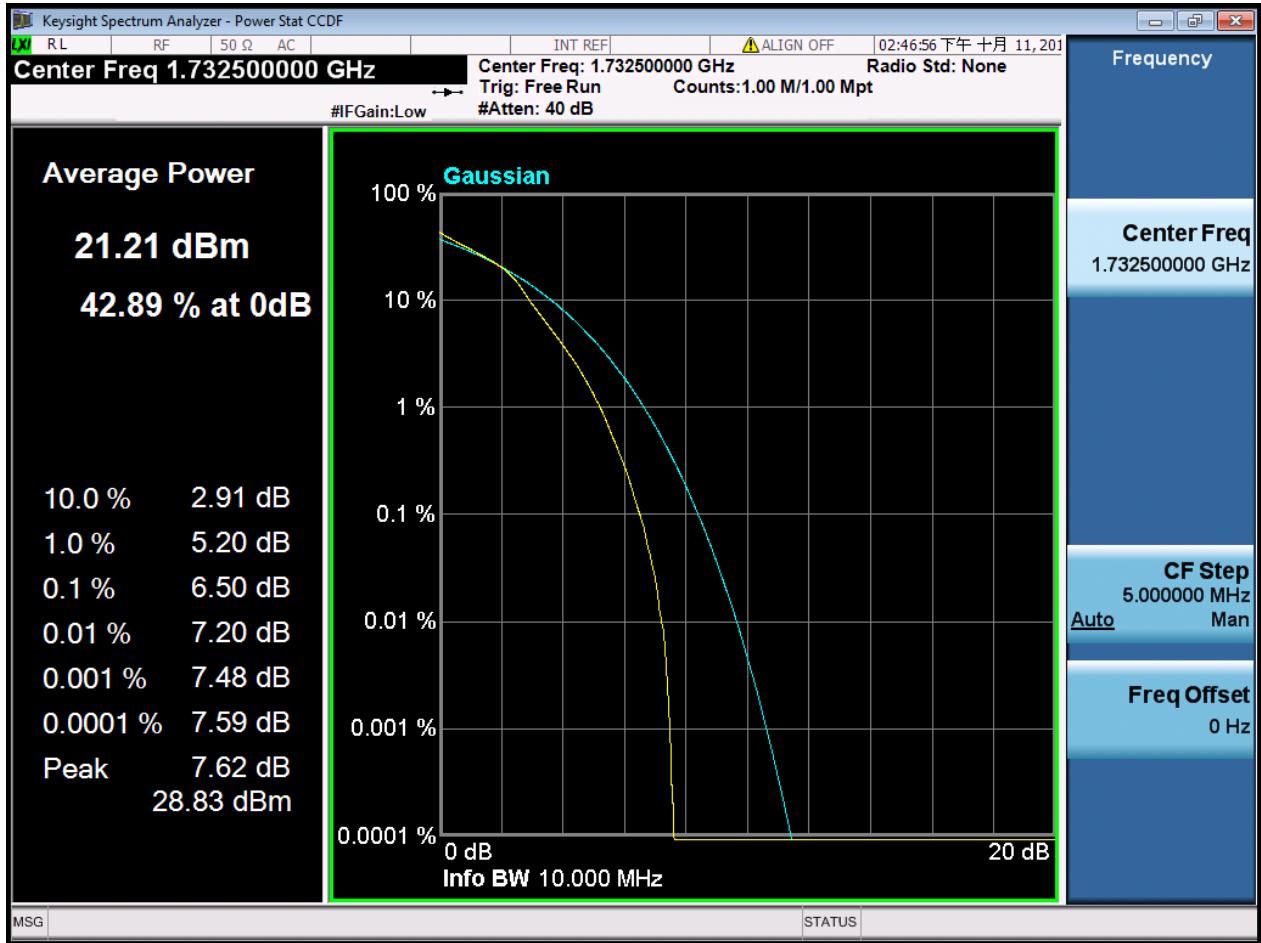
**1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.55	13	Pass



**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	6.5	13	Pass



**Average Power**  
**21.21 dBm**  
**42.89 % at 0dB**

10.0 %	2.91 dB
1.0 %	5.20 dB
0.1 %	6.50 dB
0.01 %	7.20 dB
0.001 %	7.48 dB
0.0001 %	7.59 dB
Peak	7.62 dB
	28.83 dBm

**Center Freq**  
1.732500000 GHz

**CF Step**  
5.000000 MHz

**Auto**  
Man

**Freq Offset**  
0 Hz

**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	6.49	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:47:00 下午 十月 11, 201

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 21.17 dBm  
42.90 % at 0dB

10.0 % 2.92 dB  
1.0 % 5.16 dB  
0.1 % 6.49 dB  
0.01 % 7.36 dB  
0.001 % 8.01 dB  
0.0001 % 8.25 dB  
Peak 8.29 dB  
29.46 dBm

Gaussian



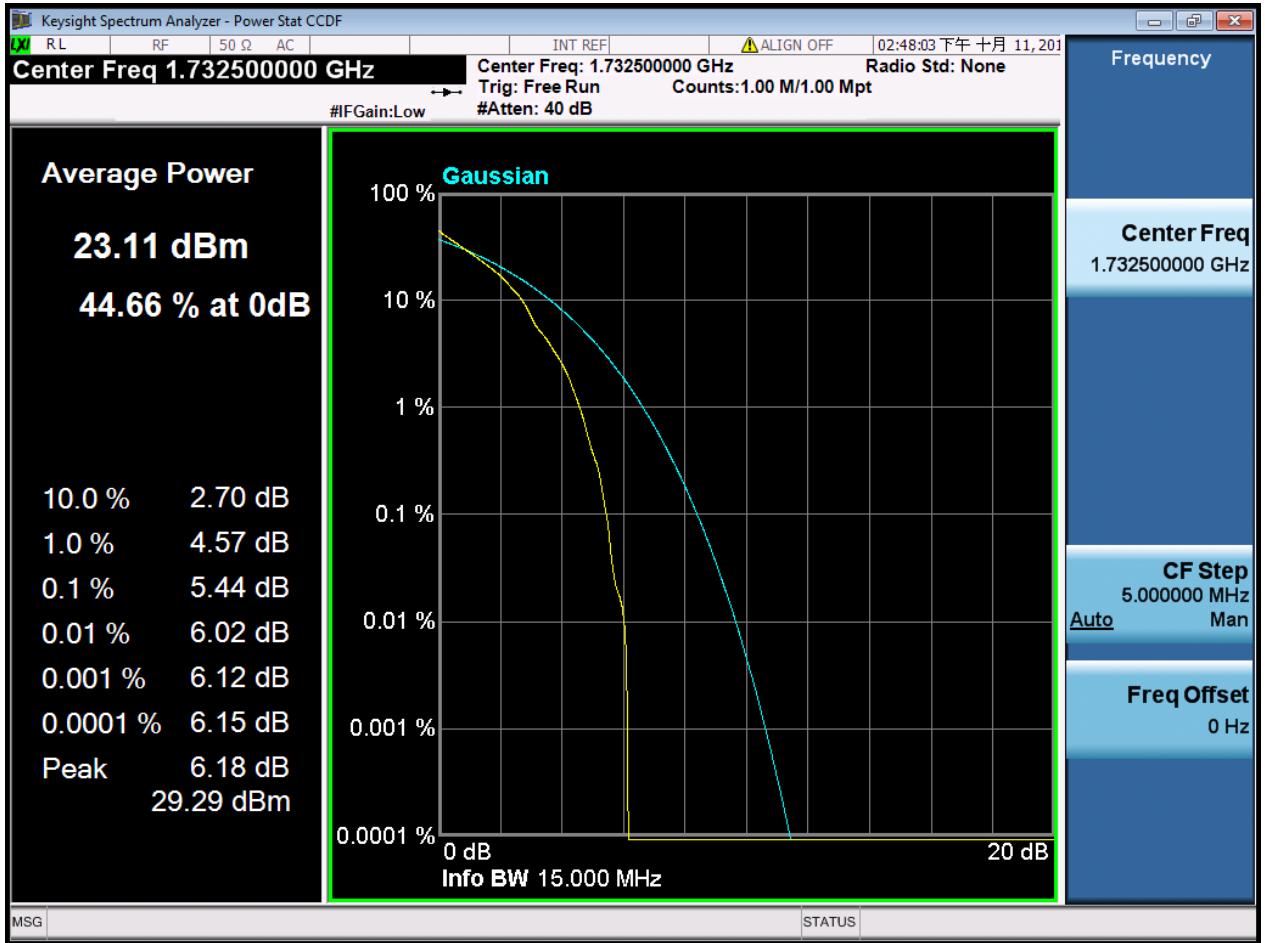
0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency  
Center Freq 1.732500000 GHz  
CF Step 5.000000 MHz Man  
Auto  
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	5.44	13	Pass



**Average Power**  
**23.11 dBm**  
**44.66 % at 0dB**

10.0 %	2.70 dB
1.0 %	4.57 dB
0.1 %	5.44 dB
0.01 %	6.02 dB
0.001 %	6.12 dB
0.0001 %	6.15 dB
Peak	6.18 dB
	29.29 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

**1.58. 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	5.15	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:48:07 下午 十月 11, 201

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 23.14 dBm  
45.49 % at 0dB

10.0 % 2.68 dB  
1.0 % 4.39 dB  
0.1 % 5.15 dB  
0.01 % 5.62 dB  
0.001 % 5.82 dB  
0.0001 % 5.85 dB  
Peak 5.86 dB  
29.00 dBm

Gaussian



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

0 dB 20 dB

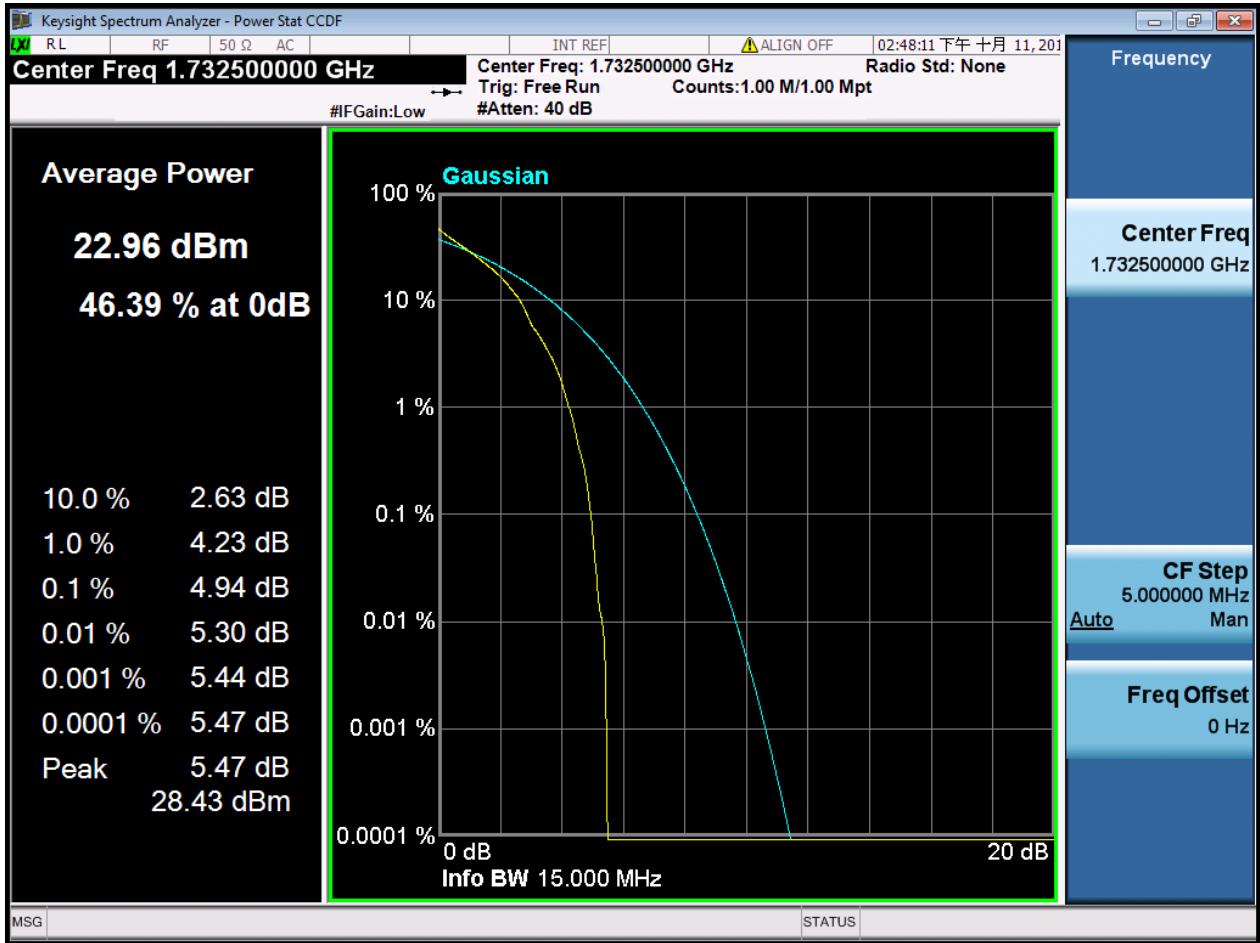
Info BW 15.000 MHz

Frequency  
Center Freq 1.732500000 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: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	4.94	13	Pass



**Average Power**  
**22.96 dBm**  
**46.39 % at 0dB**

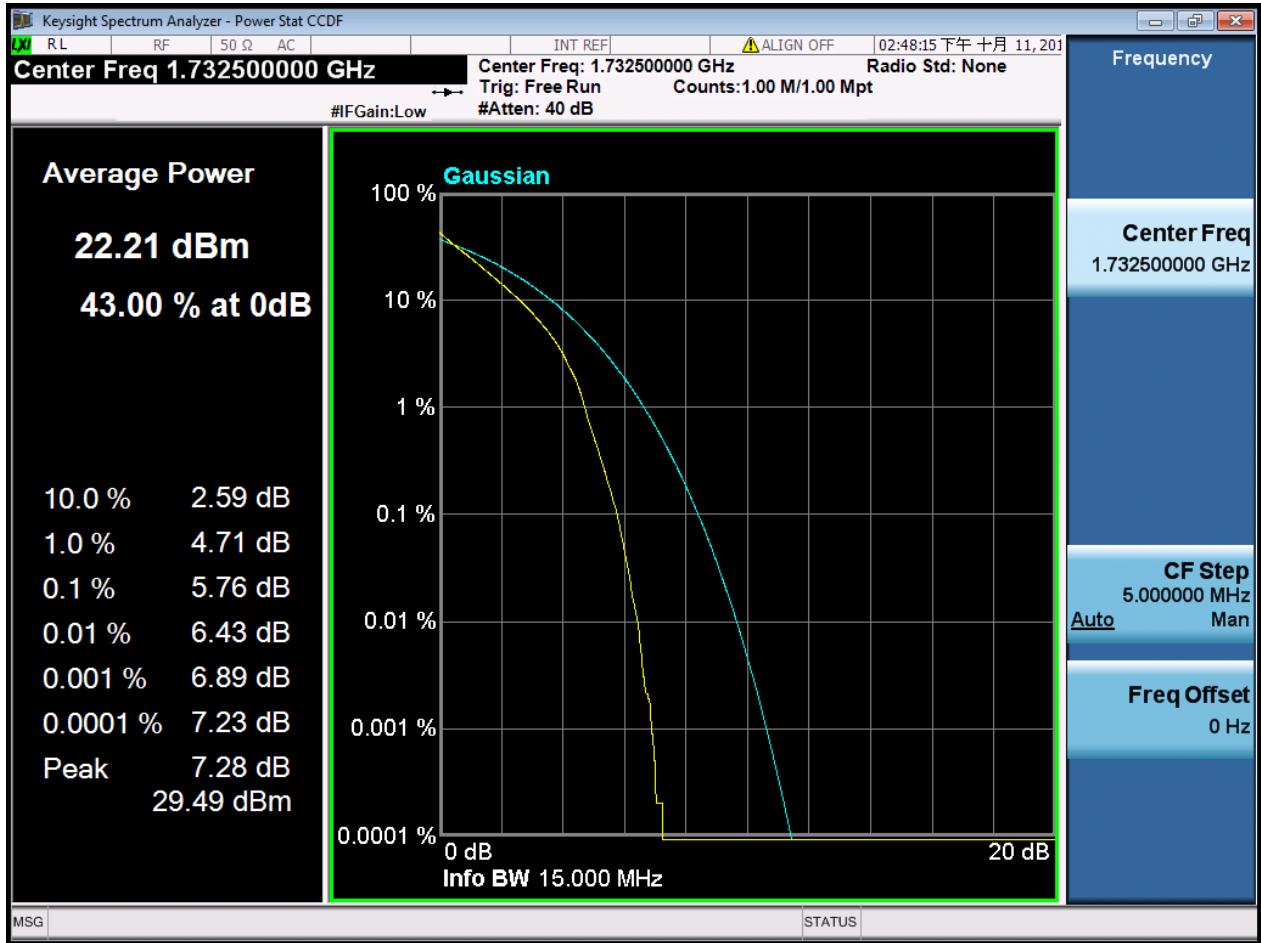
10.0 %	2.63 dB
1.0 %	4.23 dB
0.1 %	4.94 dB
0.01 %	5.30 dB
0.001 %	5.44 dB
0.0001 %	5.47 dB
Peak	5.47 dB
	28.43 dBm

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

**1.60. 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	5.76	13	Pass



**Average Power**  
**22.21 dBm**  
**43.00 % at 0dB**

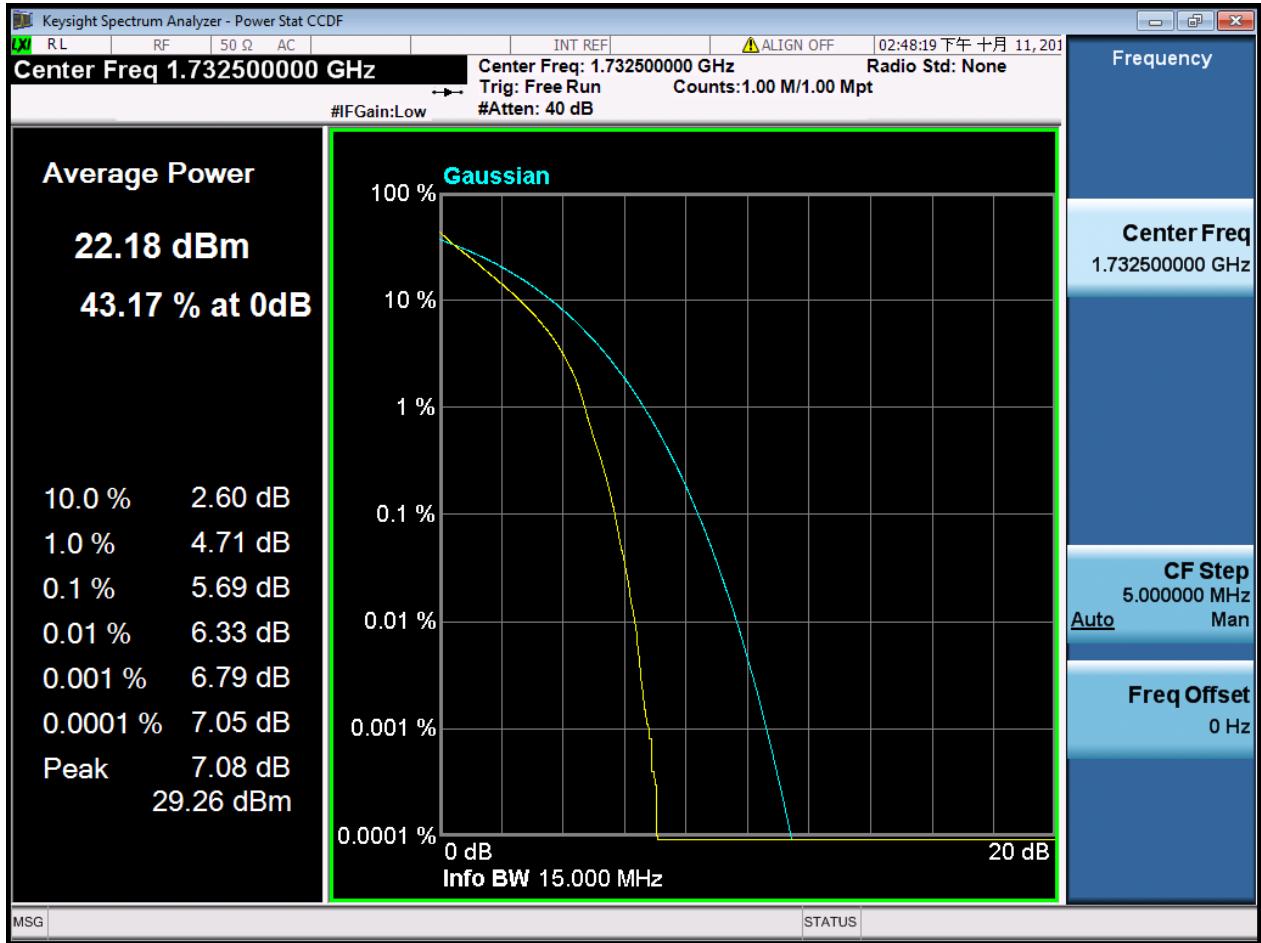
10.0 %	2.59 dB
1.0 %	4.71 dB
0.1 %	5.76 dB
0.01 %	6.43 dB
0.001 %	6.89 dB
0.0001 %	7.23 dB
Peak	7.28 dB
	29.49 dBm

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

**1.61. 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	5.69	13	Pass

**Average Power**  
**22.18 dBm**  
**43.17 % at 0dB**

10.0 %	2.60 dB
1.0 %	4.71 dB
0.1 %	5.69 dB
0.01 %	6.33 dB
0.001 %	6.79 dB
0.0001 %	7.05 dB
Peak	7.08 dB
	29.26 dBm

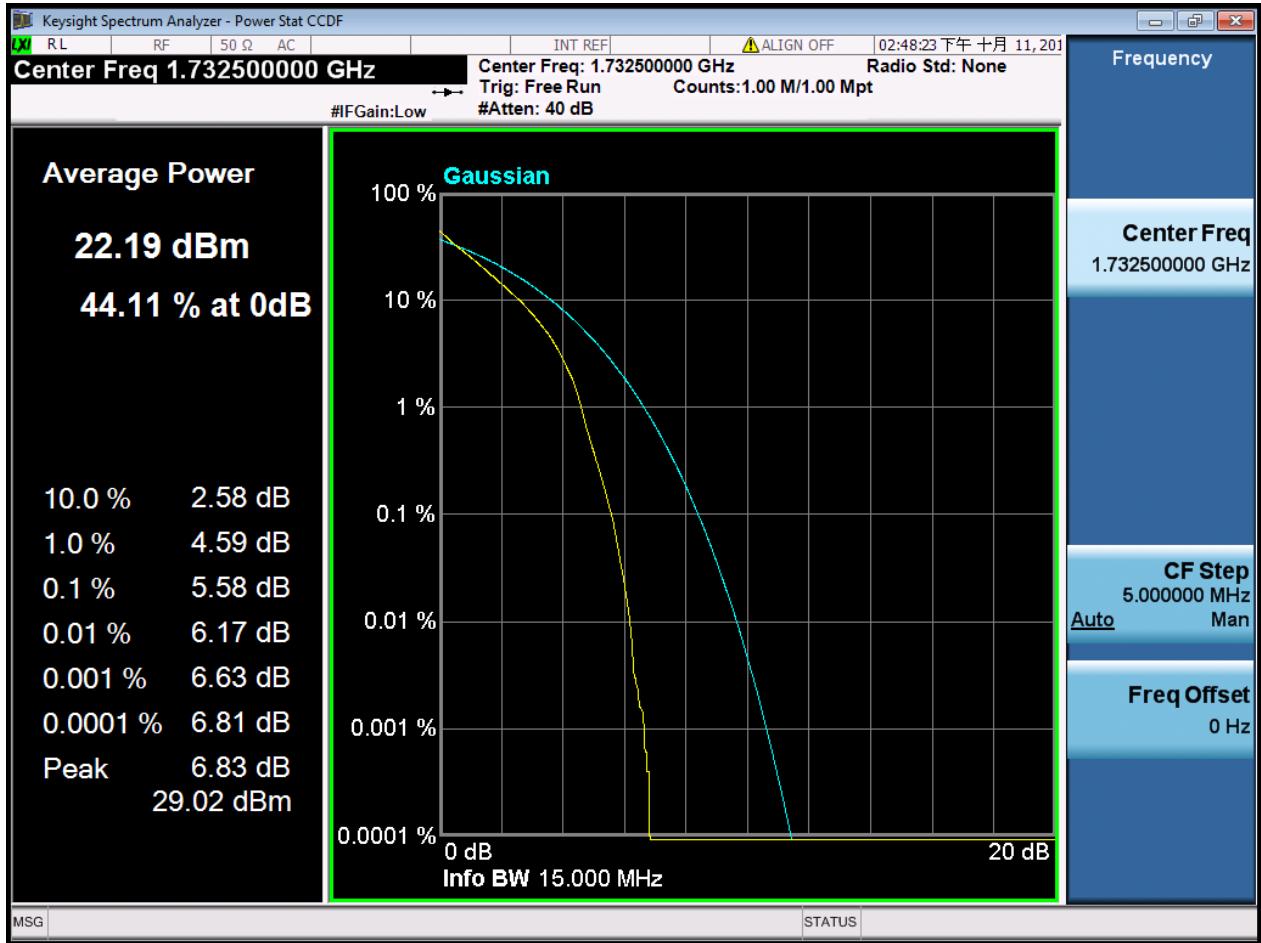
**Gaussian**

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  
Auto  
Freq Offset 0 Hz

**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	5.58	13	Pass



**Average Power**  
**22.19 dBm**  
**44.11 % at 0dB**

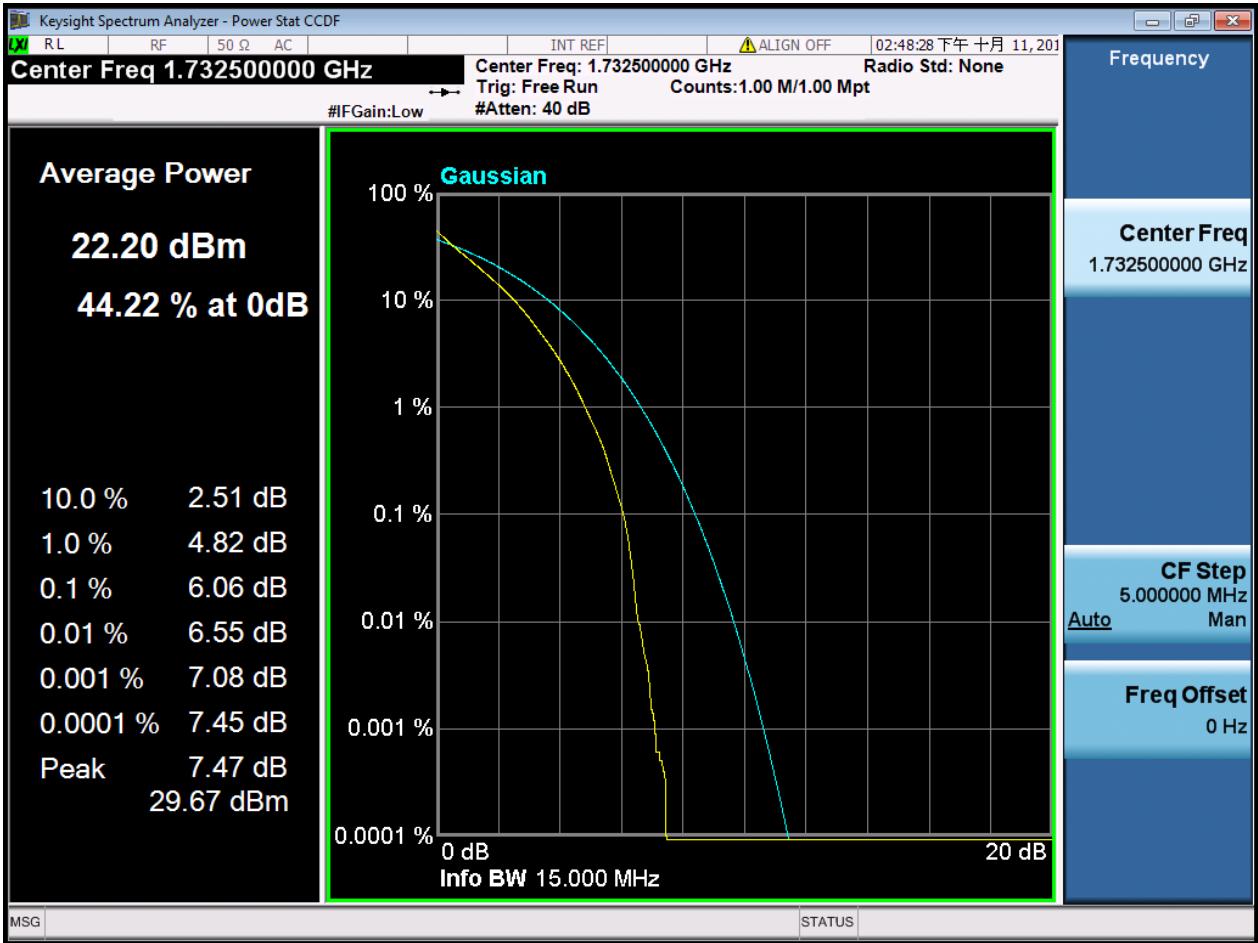
10.0 %	2.58 dB
1.0 %	4.59 dB
0.1 %	5.58 dB
0.01 %	6.17 dB
0.001 %	6.63 dB
0.0001 %	6.81 dB
Peak	6.83 dB
	29.02 dBm

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

**1.63. 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	6.06	13	Pass



Average Power  
**22.20 dBm**  
**44.22 % at 0dB**

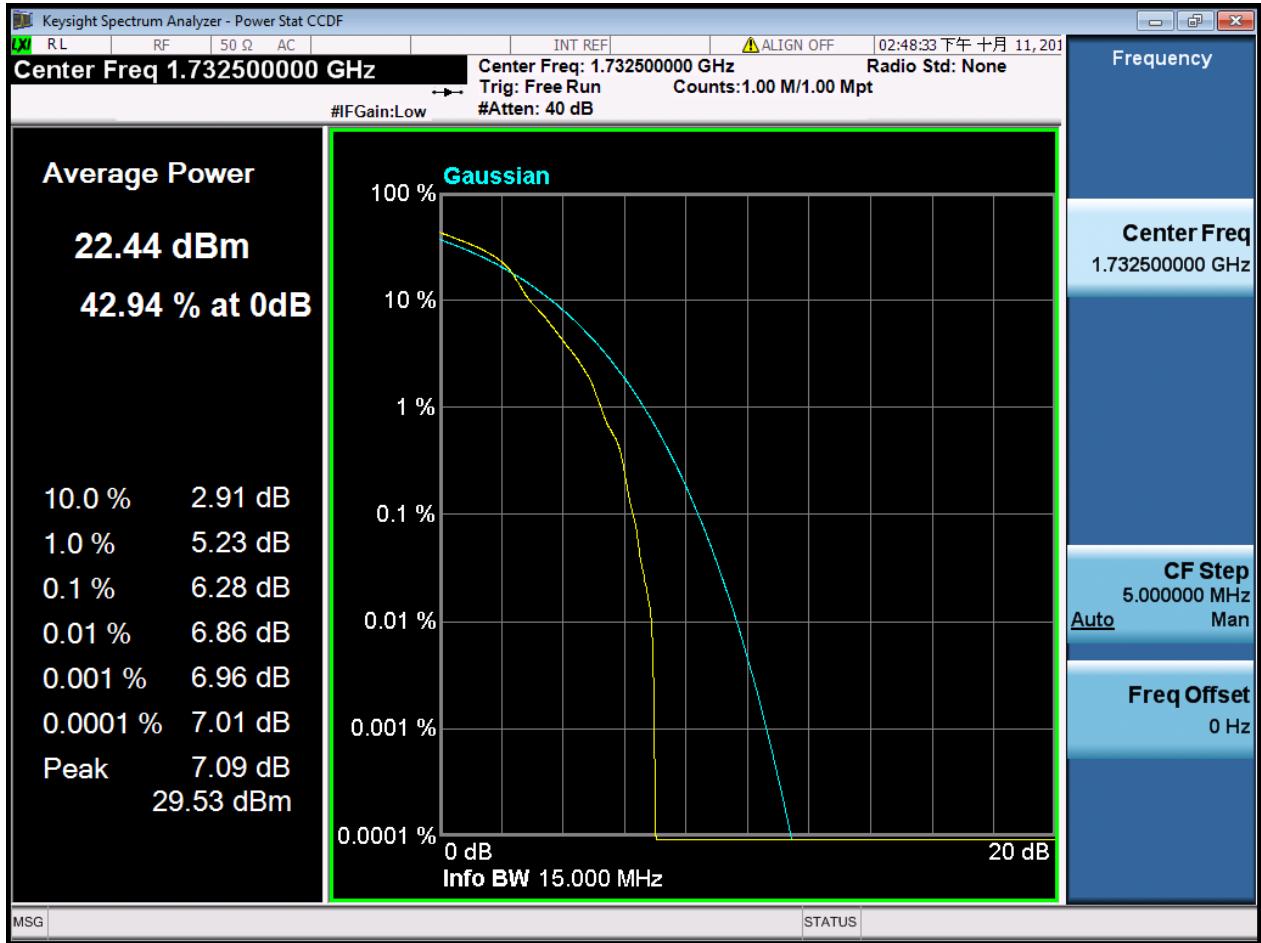
10.0 %	2.51 dB
1.0 %	4.82 dB
0.1 %	6.06 dB
0.01 %	6.55 dB
0.001 %	7.08 dB
0.0001 %	7.45 dB
Peak	7.47 dB
	29.67 dBm

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

**1.64. 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	6.28	13	Pass



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

10.0 %	2.91 dB
1.0 %	5.23 dB
0.1 %	6.28 dB
0.01 %	6.86 dB
0.001 %	6.96 dB
0.0001 %	7.01 dB
Peak	7.09 dB
	29.53 dBm

**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	6.02	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:48:37 下午 十月 11, 201

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 22.43 dBm  
42.48 % at 0dB

10.0 % 2.96 dB  
1.0 % 5.16 dB  
0.1 % 6.02 dB  
0.01 % 6.40 dB  
0.001 % 6.56 dB  
0.0001 % 6.59 dB  
Peak 6.62 dB  
29.05 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 1.732500000 GHz  
CF Step 5.000000 MHz Man  
Auto  
Freq Offset 0 Hz

MSG STATUS

**1.66. LTE Peak to Average Ratio(NTNV)(Subtest:66, Channel: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	5.79	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:48:41 下午 十月 11, 201

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 22.23 dBm  
43.23 % at 0dB

10.0 % 2.93 dB  
1.0 % 4.97 dB  
0.1 % 5.79 dB  
0.01 % 6.14 dB  
0.001 % 6.22 dB  
0.0001 % 6.24 dB  
Peak 6.25 dB  
28.48 dBm

Gaussian



0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

Frequency  
Center Freq 1.732500000 GHz  
CF Step 5.000000 MHz  
Auto 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	6.54	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:48:46 下午 十月 11, 201

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 21.20 dBm  
41.40 % at 0dB

10.0 % 3.08 dB  
1.0 % 5.25 dB  
0.1 % 6.54 dB  
0.01 % 7.49 dB  
0.001 % 8.12 dB  
0.0001 % 8.26 dB  
Peak 8.32 dB  
29.52 dBm

Gaussian



0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

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

MSG STATUS

**1.68. LTE Peak to Average Ratio(NTNV)(Subtest:68, Channel: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	6.5	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:48:50 下午 十月 11, 201

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 21.18 dBm  
41.34 % at 0dB

10.0 % 3.10 dB  
1.0 % 5.24 dB  
0.1 % 6.50 dB  
0.01 % 7.41 dB  
0.001 % 7.88 dB  
0.0001 % 8.17 dB  
Peak 8.19 dB  
29.37 dBm

Gaussian

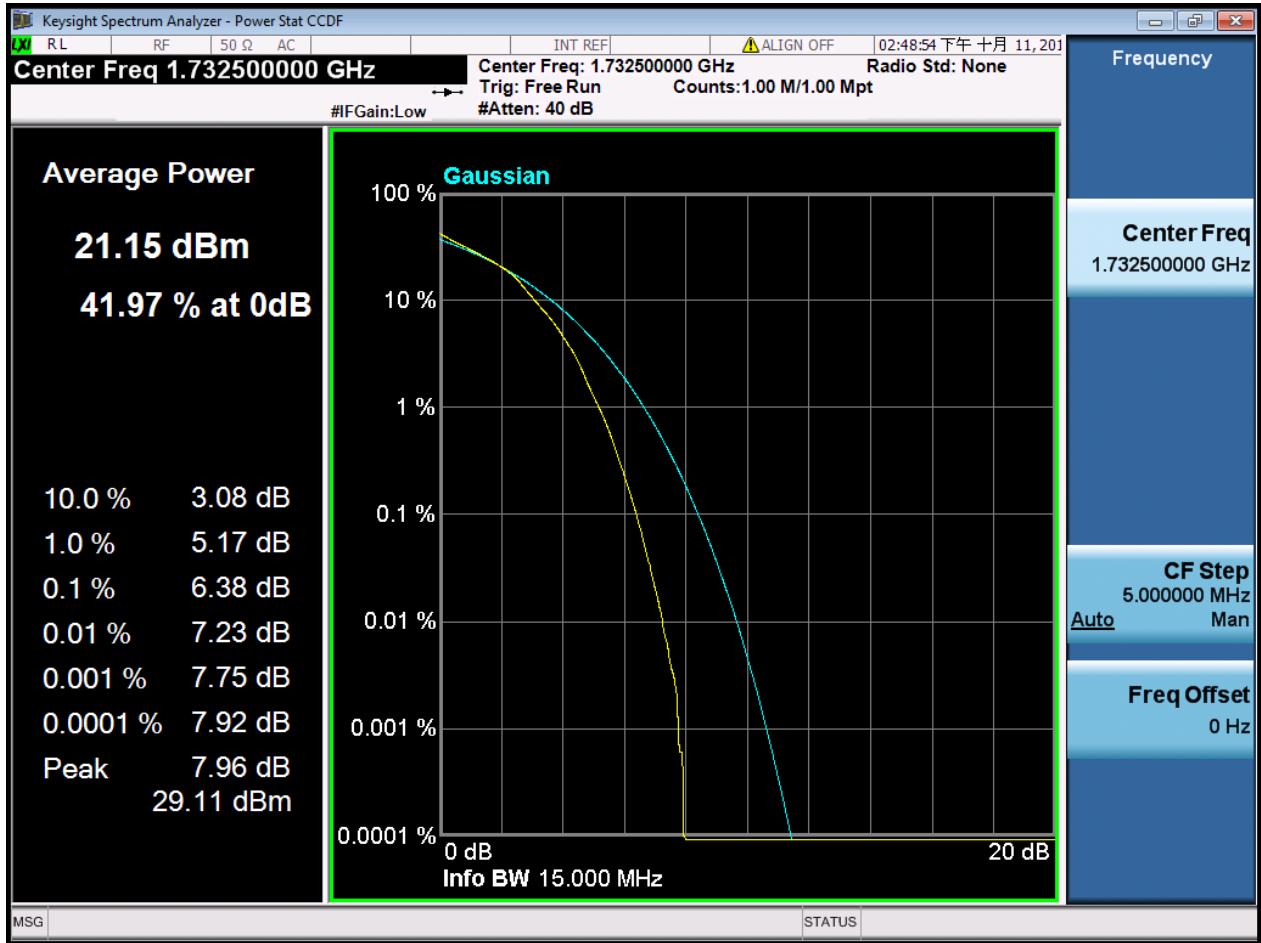


0.0001 % 0 dB 20 dB  
Info BW 15.000 MHz

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

**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	6.38	13	Pass



Average Power  
**21.15 dBm**  
**41.97 % at 0dB**

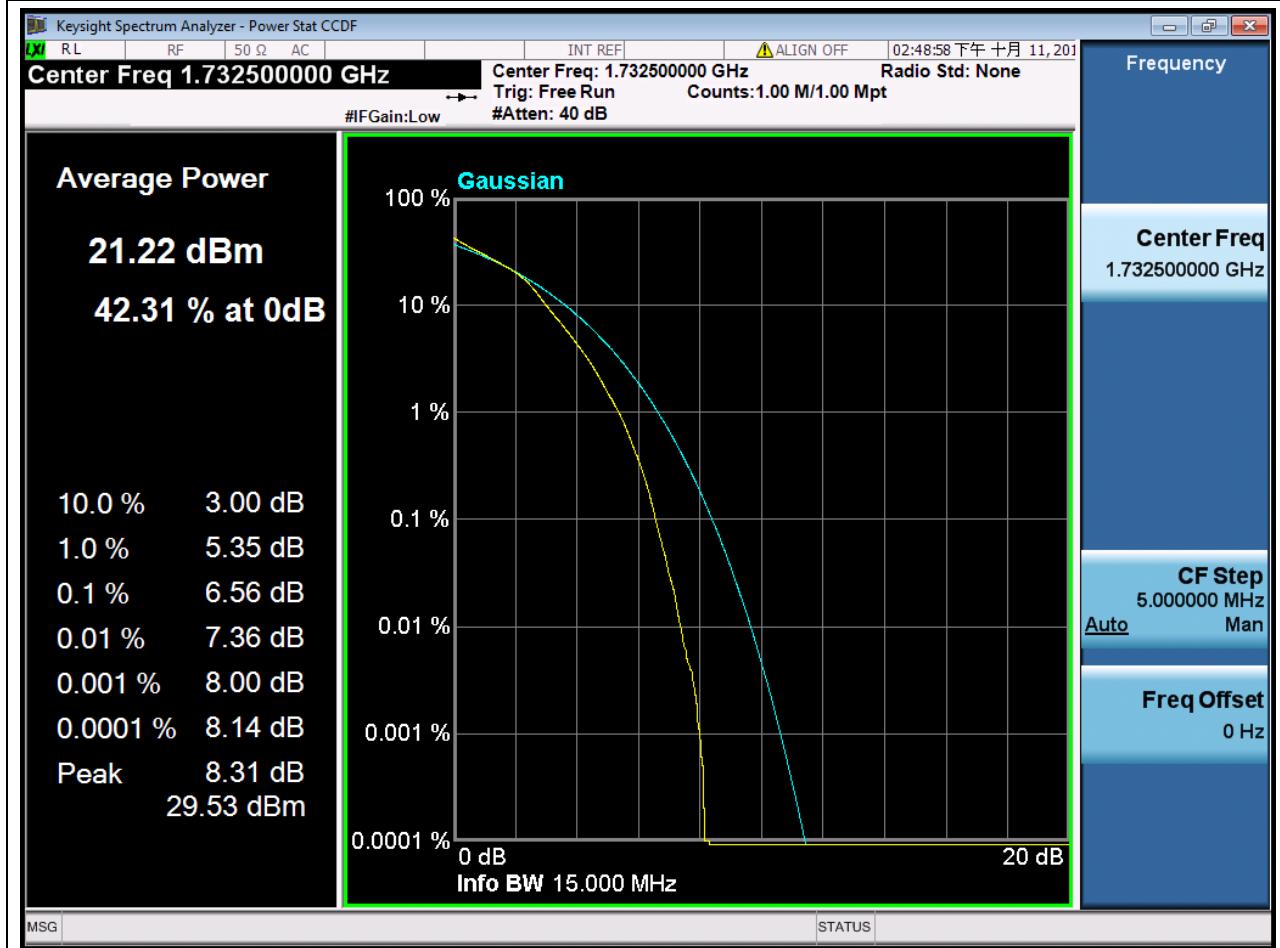
10.0 %	3.08 dB
1.0 %	5.17 dB
0.1 %	6.38 dB
0.01 %	7.23 dB
0.001 %	7.75 dB
0.0001 %	7.92 dB
Peak	7.96 dB
	<b>29.11 dBm</b>

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

**1.70. 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	6.56	13	Pass



**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	5.49	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:03 下午 十月 11, 201

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 22.94 dBm  
44.48 % at 0dB

10.0 % 2.70 dB  
1.0 % 4.57 dB  
0.1 % 5.49 dB  
0.01 % 5.87 dB  
0.001 % 6.10 dB  
0.0001 % 6.17 dB  
Peak 6.18 dB  
29.12 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

**1.72. 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	5.09	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:07 下午 十月 11, 201

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 23.25 dBm  
45.78 % at 0dB

10.0 % 2.64 dB  
1.0 % 4.28 dB  
0.1 % 5.09 dB  
0.01 % 5.41 dB  
0.001 % 5.51 dB  
0.0001 % 5.54 dB  
Peak 5.59 dB  
28.84 dBm

Gaussian



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

**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	4.98	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:11 下午 十月 11, 201

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 22.75 dBm  
46.65 % at 0dB

10.0 % 2.65 dB  
1.0 % 4.25 dB  
0.1 % 4.98 dB  
0.01 % 5.31 dB  
0.001 % 5.44 dB  
0.0001 % 5.47 dB  
Peak 5.50 dB  
28.25 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

**1.74. 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	5.73	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:16 下午 十月 11, 201

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 22.21 dBm  
44.16 % at 0dB

10.0 % 2.41 dB  
1.0 % 4.60 dB  
0.1 % 5.73 dB  
0.01 % 6.46 dB  
0.001 % 7.05 dB  
0.0001 % 7.14 dB  
Peak 7.14 dB  
29.35 dBm

Gaussian



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

Info BW 20.000 MHz

Frequency  
Center Freq 1.732500000 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	5.65	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:20 下午 十月 11, 201

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  
22.18 dBm  
44.51 % at 0dB

10.0 % 2.41 dB  
1.0 % 4.55 dB  
0.1 % 5.65 dB  
0.01 % 6.38 dB  
0.001 % 6.86 dB  
0.0001 % 7.05 dB  
Peak 7.06 dB  
29.24 dBm

Gaussian



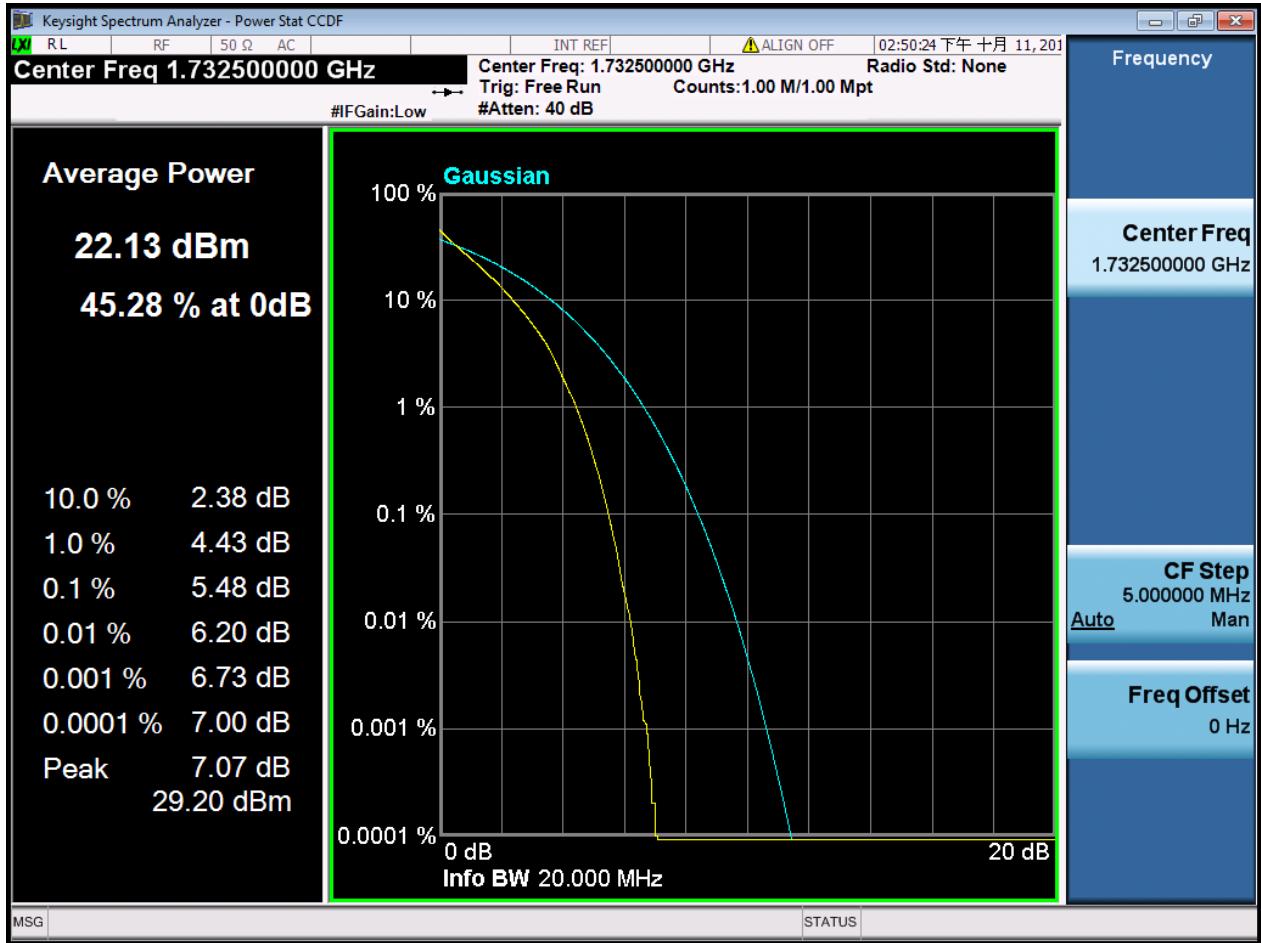
0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

**1.76. 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	5.48	13	Pass



**Average Power**  
**22.13 dBm**  
**45.28 % at 0dB**

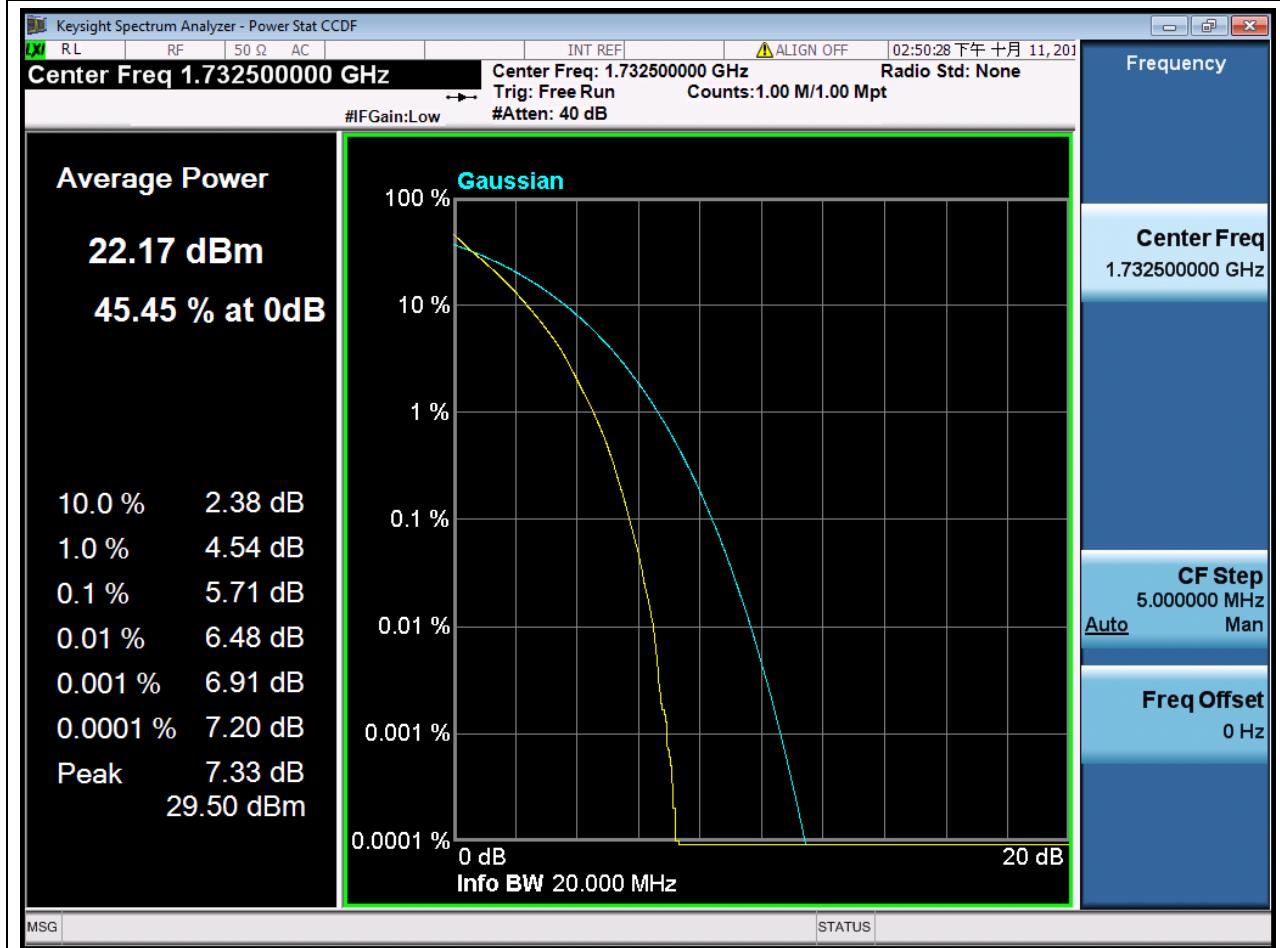
10.0 %	2.38 dB
1.0 %	4.43 dB
0.1 %	5.48 dB
0.01 %	6.20 dB
0.001 %	6.73 dB
0.0001 %	7.00 dB
Peak	7.07 dB
	29.20 dBm

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  
 CF Step 5.000000 MHz  
 Auto Man  
 Freq Offset 0 Hz

**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	5.71	13	Pass



**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	6.63	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:32 下午 十月 11, 201

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 22.25 dBm  
42.20 % at 0dB

10.0 % 2.91 dB  
1.0 % 5.35 dB  
0.1 % 6.63 dB  
0.01 % 7.10 dB  
0.001 % 7.47 dB  
0.0001 % 7.54 dB  
Peak 7.55 dB  
29.80 dBm

Gaussian



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

Info BW 20.000 MHz

Frequency  
Center Freq 1.732500000 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	6.27	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:37 下午 十月 11, 201

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 22.58 dBm  
42.67 % at 0dB

10.0 % 2.93 dB  
1.0 % 5.14 dB  
0.1 % 6.27 dB  
0.01 % 6.60 dB  
0.001 % 6.72 dB  
0.0001 % 6.75 dB  
Peak 6.76 dB  
29.34 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

**1.80. 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	6.1	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:41 下午 十月 11, 201

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 22.09 dBm  
42.54 % at 0dB

10.0 % 2.92 dB  
1.0 % 5.10 dB  
0.1 % 6.10 dB  
0.01 % 6.47 dB  
0.001 % 6.69 dB  
0.0001 % 6.76 dB  
Peak 6.80 dB  
28.89 dBm

Gaussian



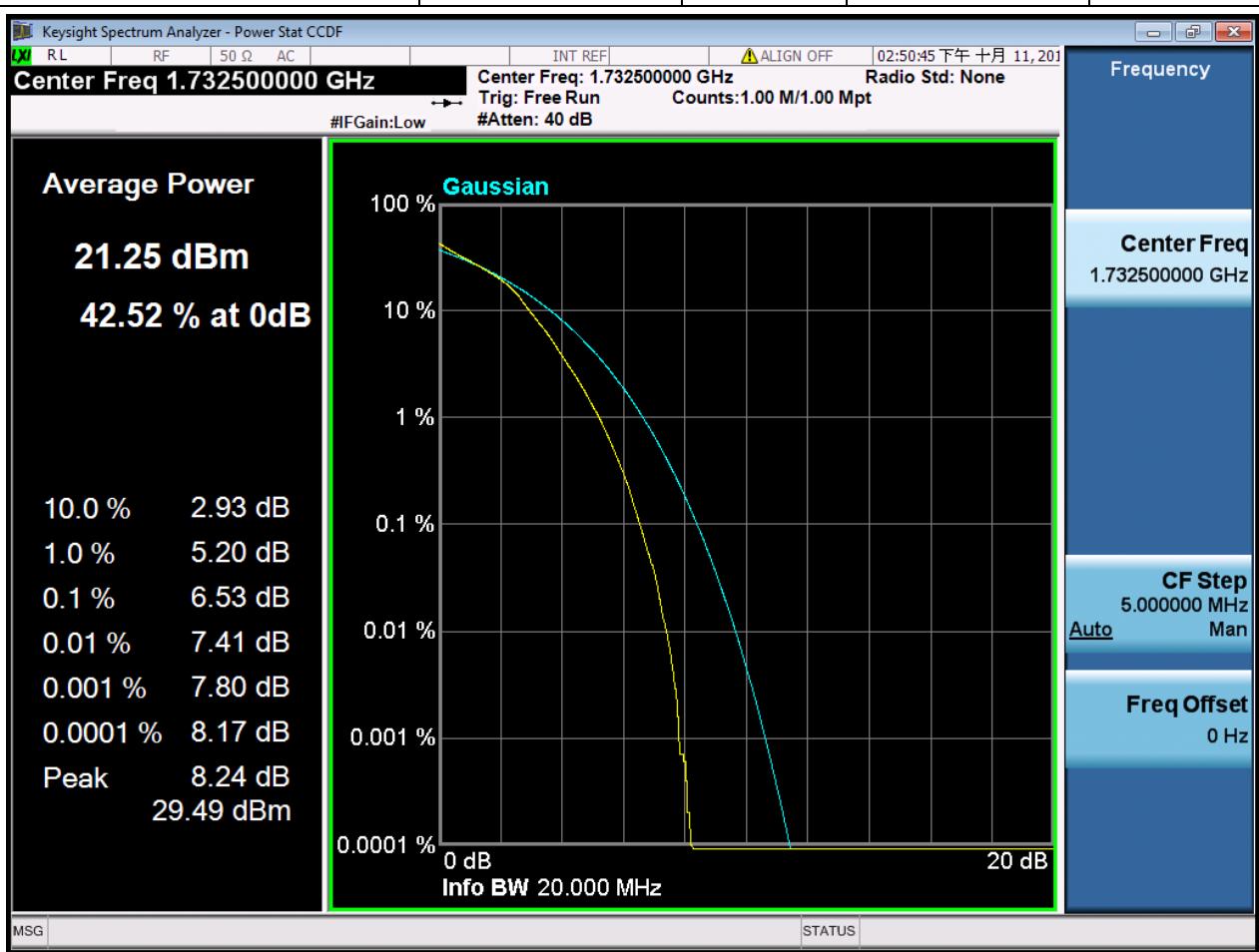
0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

**1.81. 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	6.53	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	6.45	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:49 下午 十月 11, 201

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 21.22 dBm  
42.47 % at 0dB

10.0 % 2.94 dB  
1.0 % 5.19 dB  
0.1 % 6.45 dB  
0.01 % 7.28 dB  
0.001 % 7.64 dB  
0.0001 % 8.00 dB  
Peak 8.01 dB  
29.23 dBm

Gaussian



0 dB 20 dB Info BW 20.000 MHz

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

**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	6.33	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:54 下午 十月 11, 201

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 21.17 dBm  
43.29 % at 0dB

10.0 % 2.92 dB  
1.0 % 5.09 dB  
0.1 % 6.33 dB  
0.01 % 7.10 dB  
0.001 % 7.54 dB  
0.0001 % 7.91 dB  
Peak 7.95 dB  
29.12 dBm

Gaussian



0.0001 % 0 dB 20 dB 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	6.46	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:50:58 下午 十月 11, 201

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 21.21 dBm  
43.55 % at 0dB

10.0 % 2.90 dB  
1.0 % 5.13 dB  
0.1 % 6.46 dB  
0.01 % 7.35 dB  
0.001 % 7.95 dB  
0.0001 % 8.45 dB  
Peak 8.49 dB  
29.70 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

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END