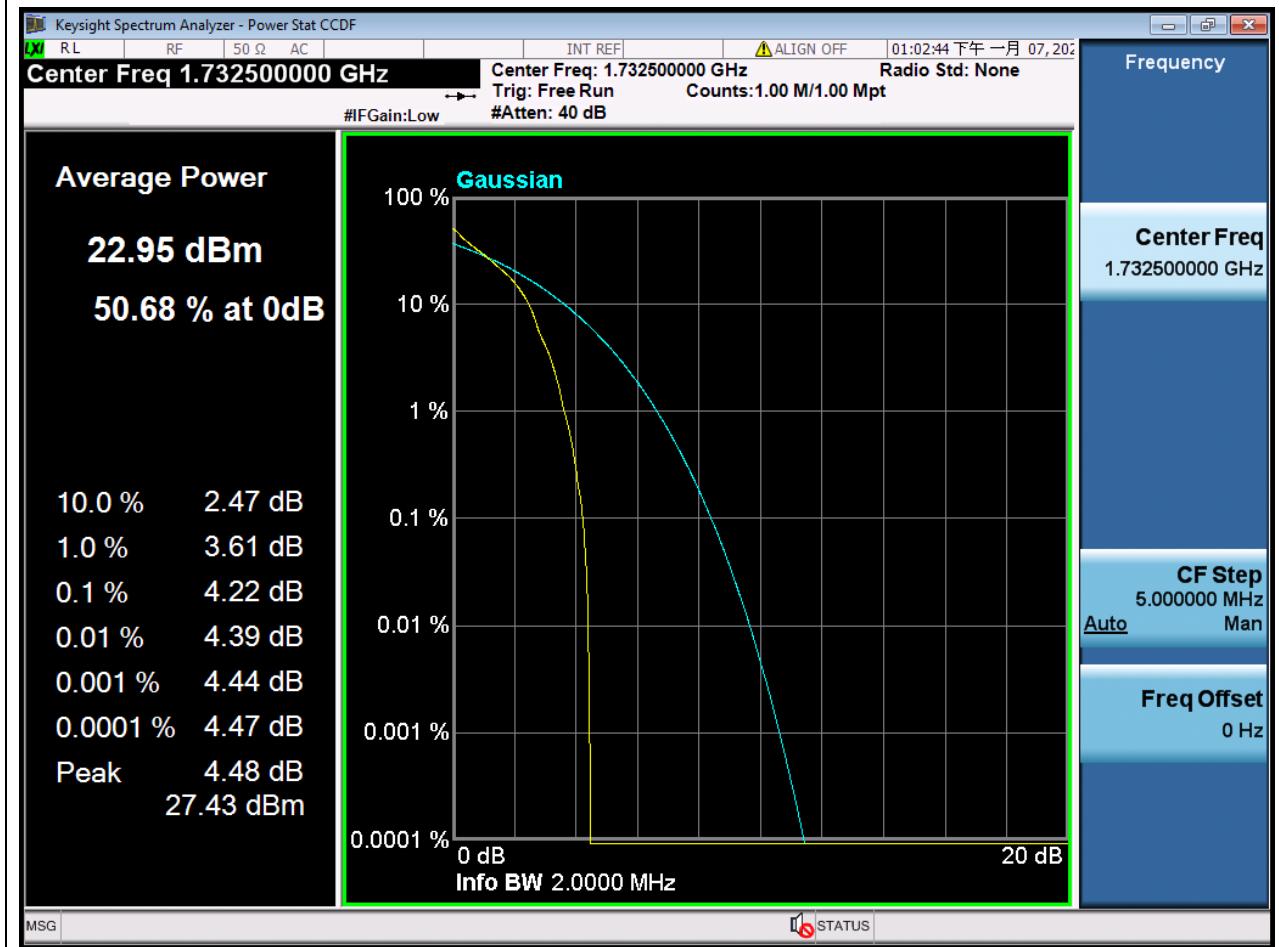


Annex B. LTE Peak to Average Ratio

1. LTE_Band4

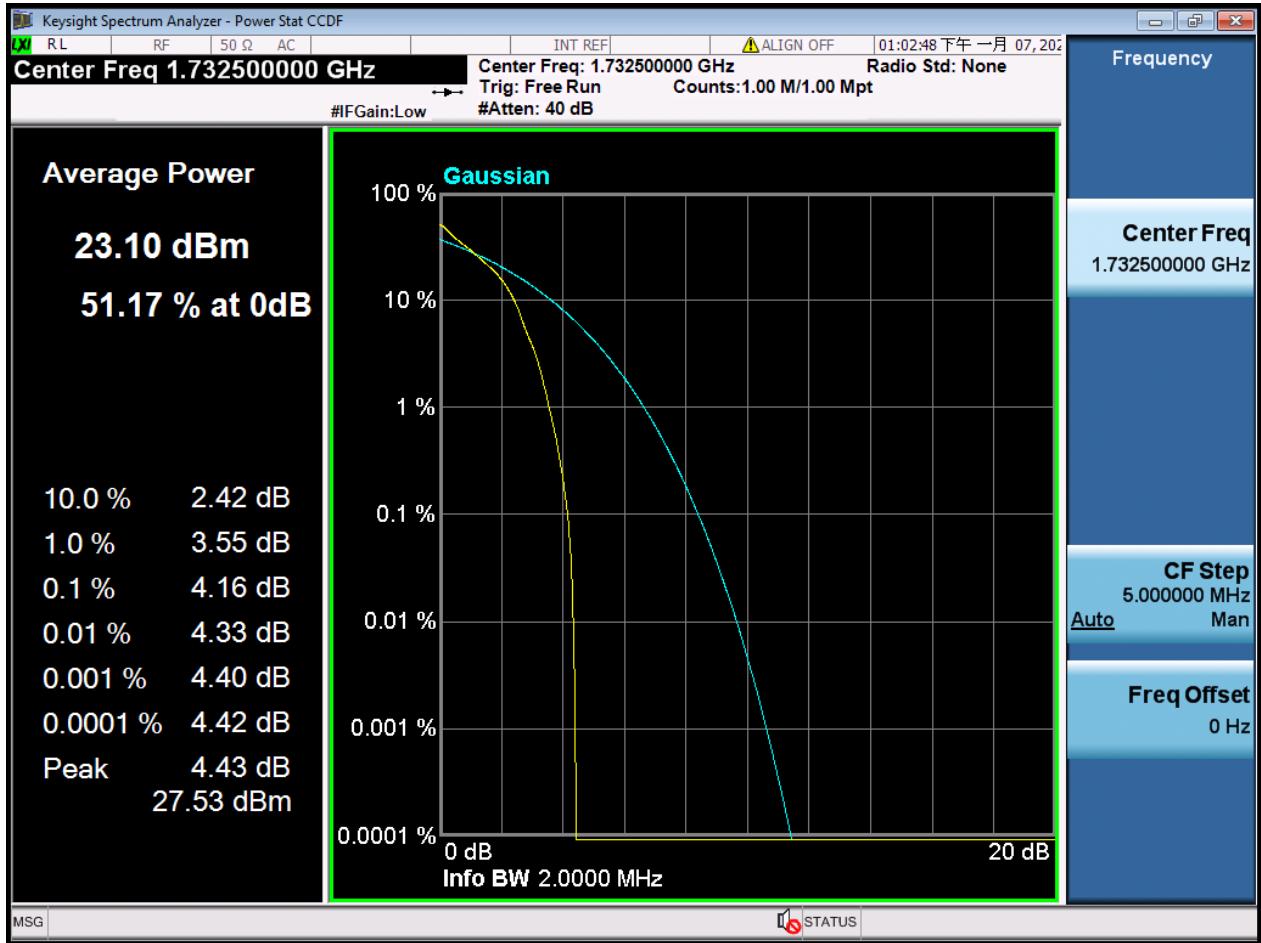
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.22	13	Pass



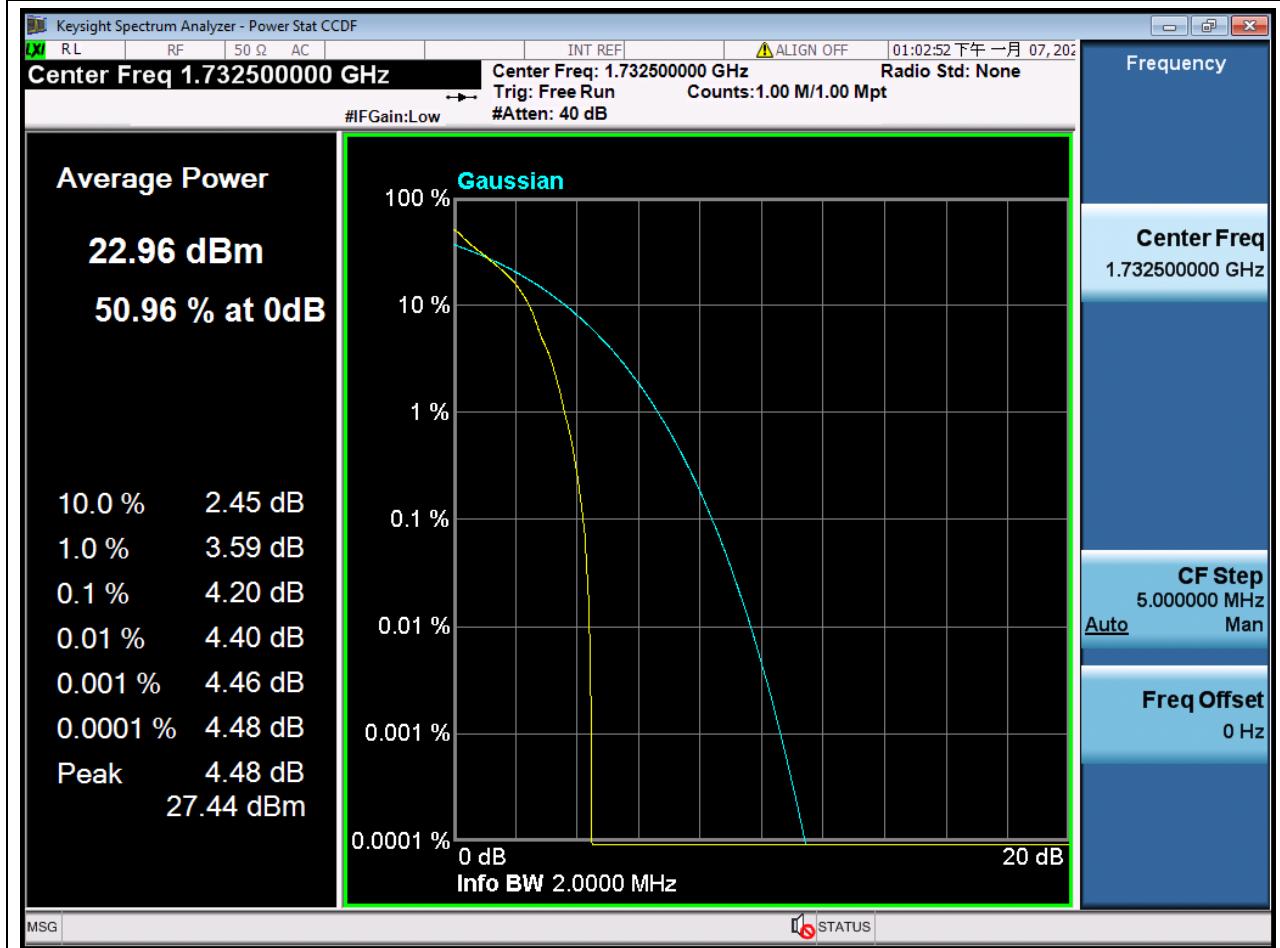
1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.16	13	Pass



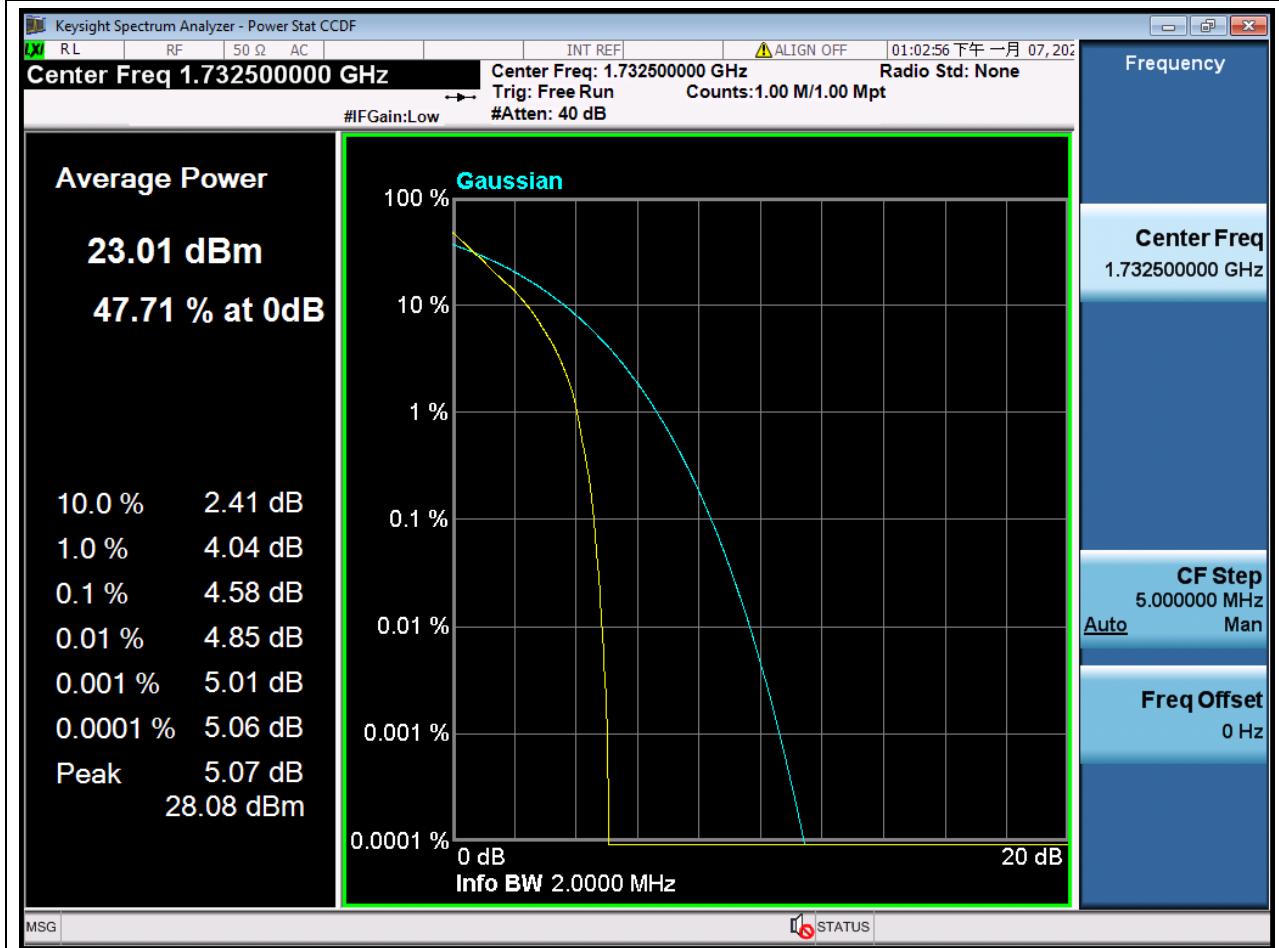
1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.2	13	Pass



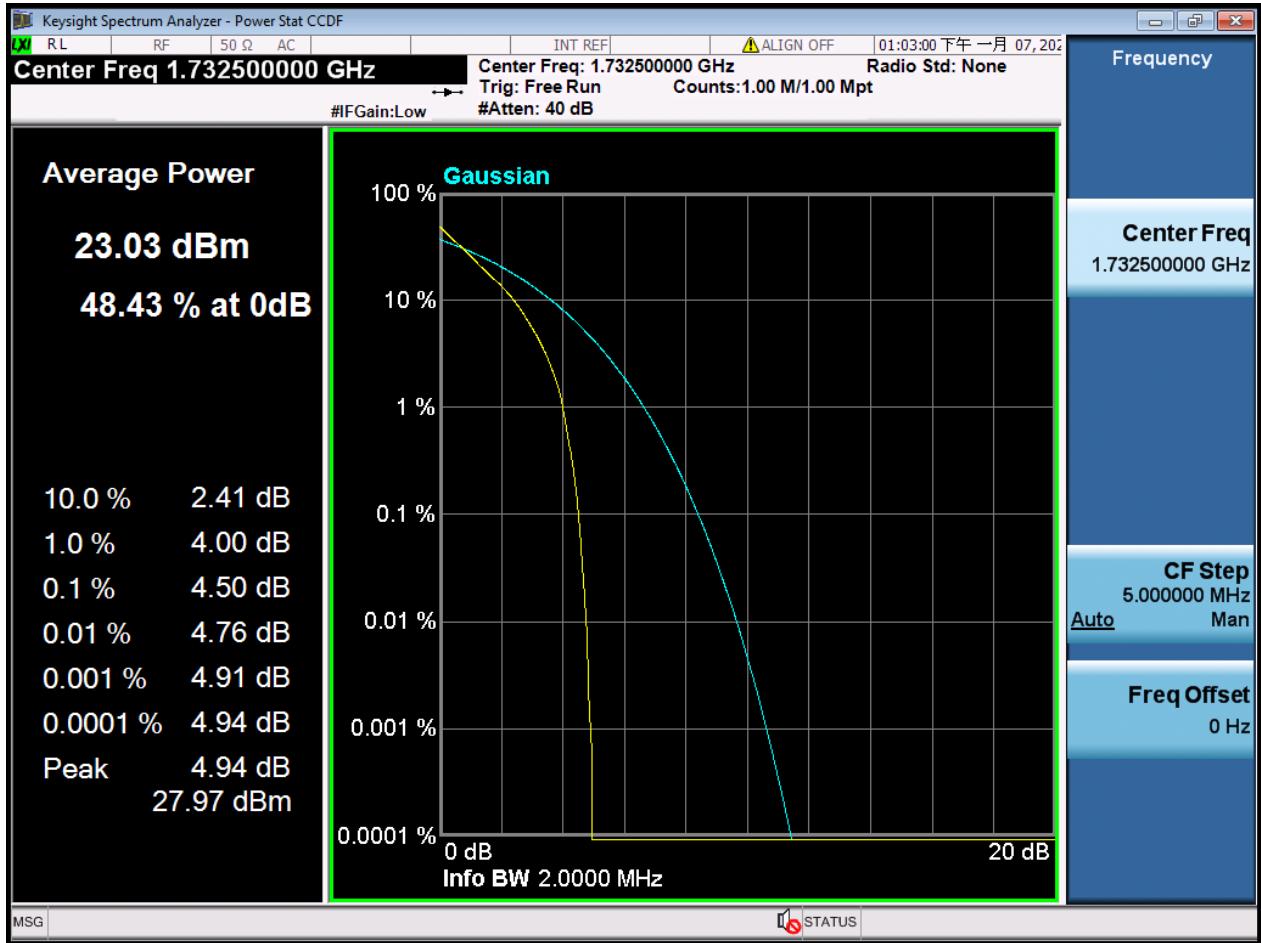
1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.58	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)

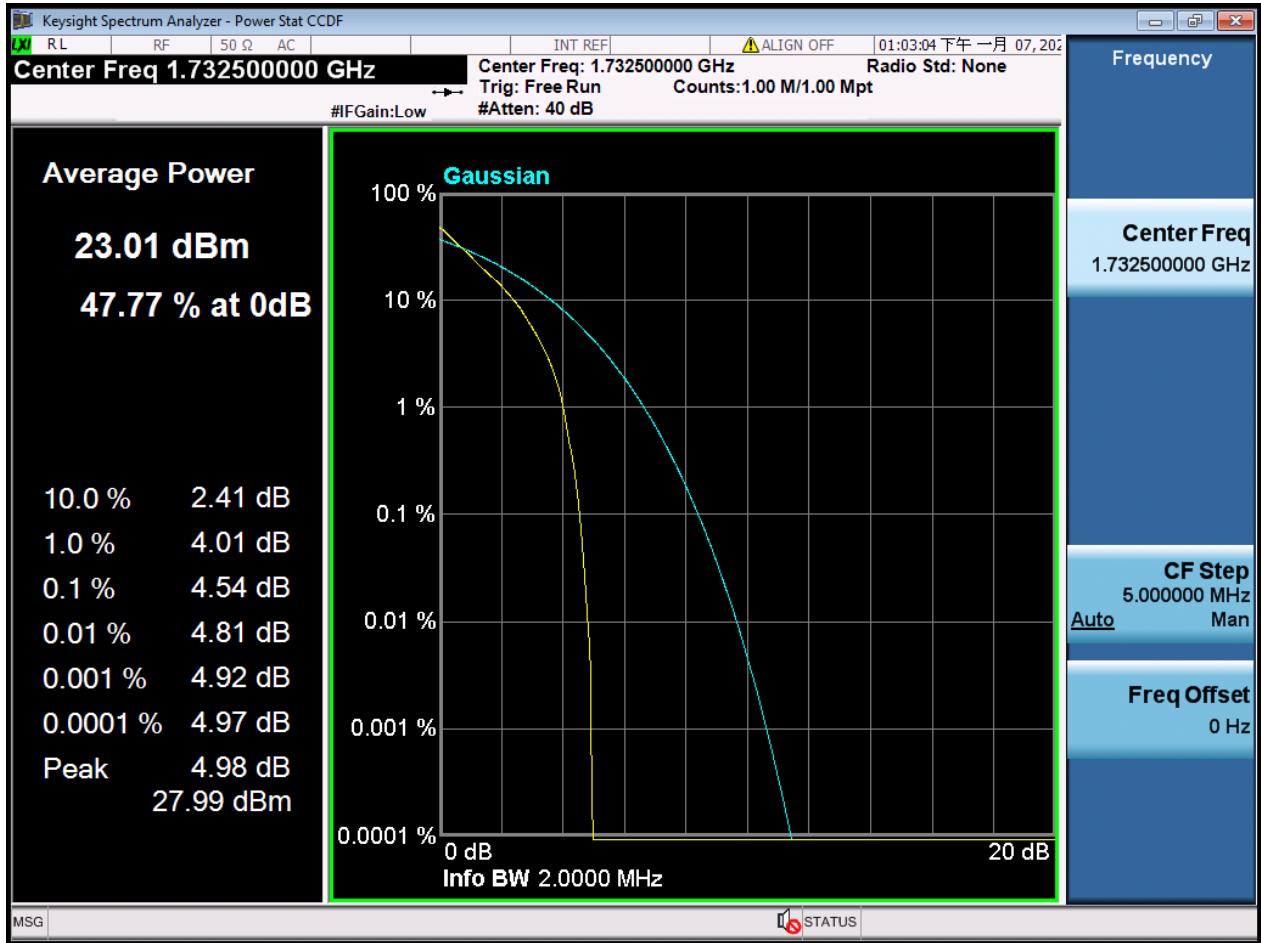
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.5	13	Pass



Average Power	
23.03 dBm	
48.43 % at 0dB	
10.0 %	2.41 dB
1.0 %	4.00 dB
0.1 %	4.50 dB
0.01 %	4.76 dB
0.001 %	4.91 dB
0.0001 %	4.94 dB
Peak	4.94 dB
	27.97 dBm

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	4.54	13	Pass



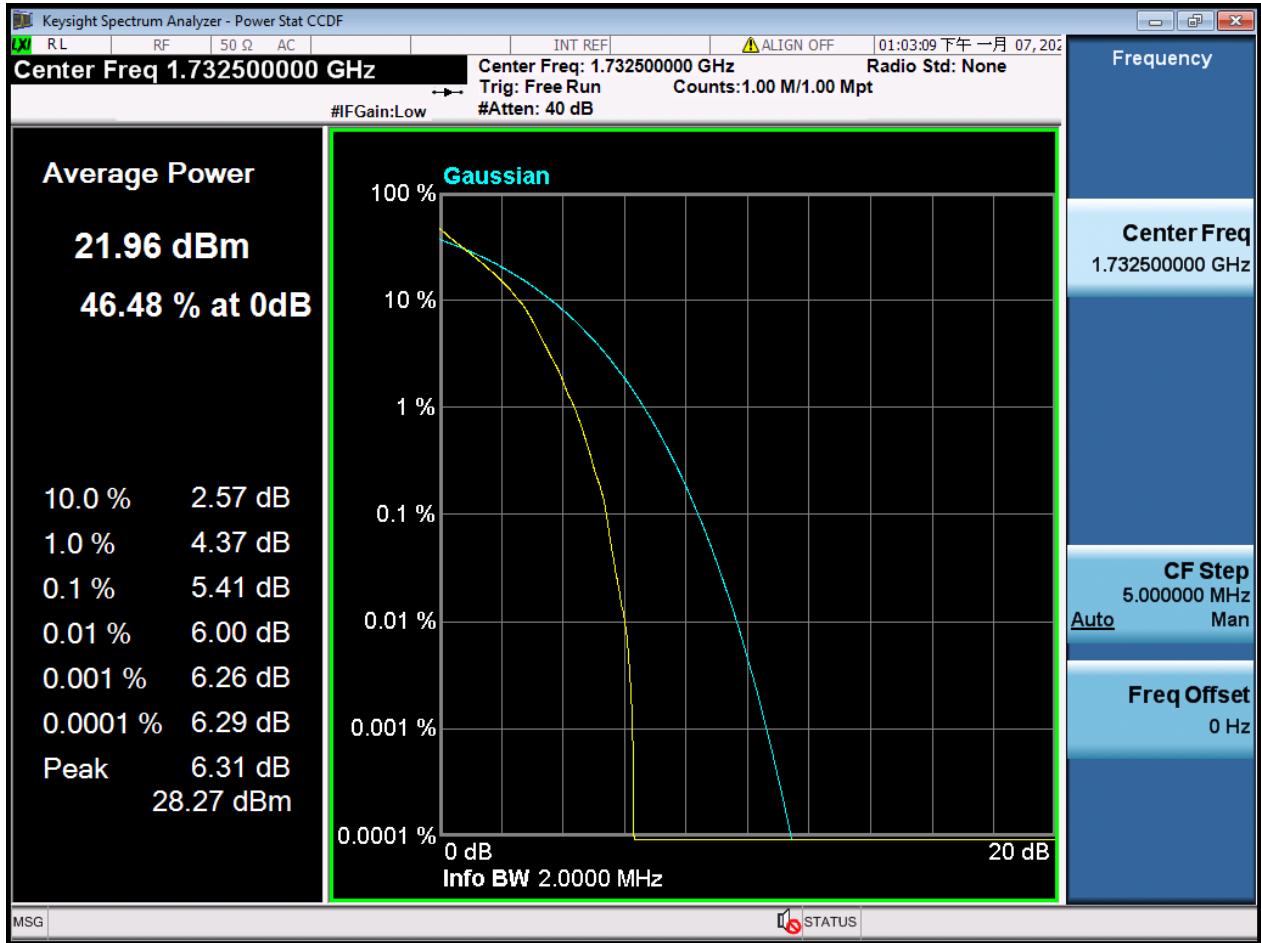
Average Power
23.01 dBm
47.77 % at 0 dB

10.0 %	2.41 dB
1.0 %	4.01 dB
0.1 %	4.54 dB
0.01 %	4.81 dB
0.001 %	4.92 dB
0.0001 %	4.97 dB
Peak	4.98 dB
	27.99 dBm

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

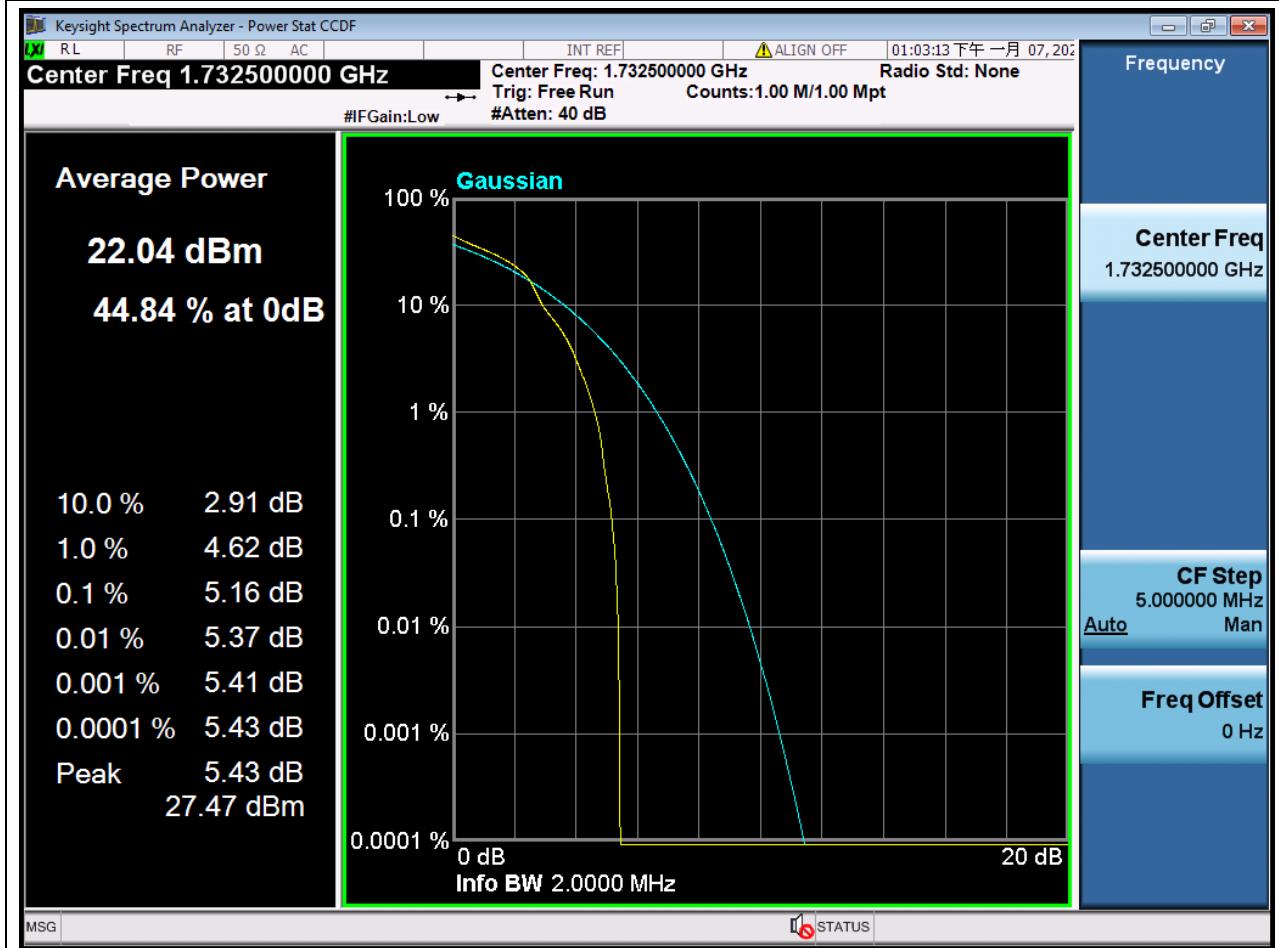
1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.41	13	Pass



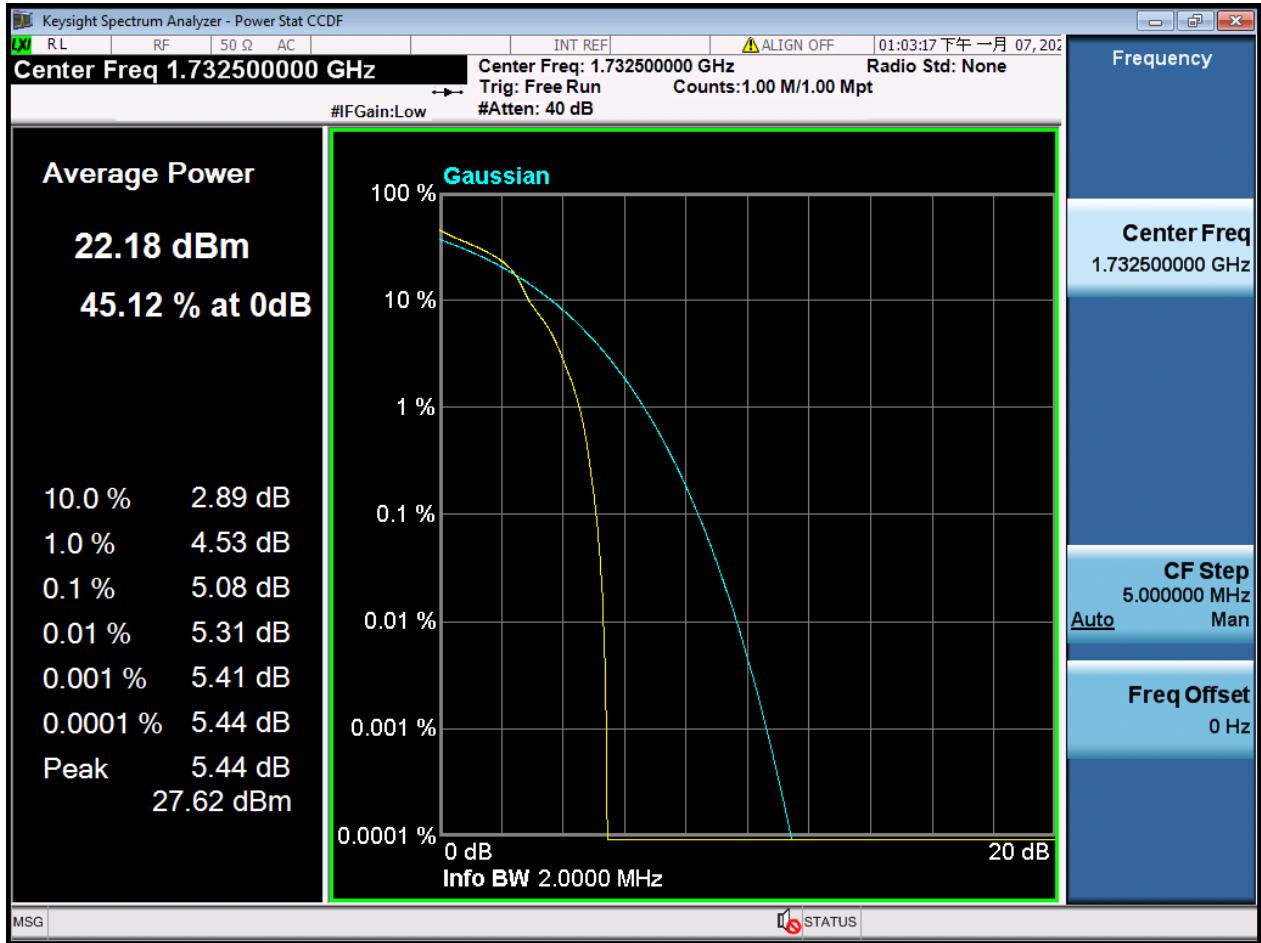
1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.16	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	5.08	13	Pass

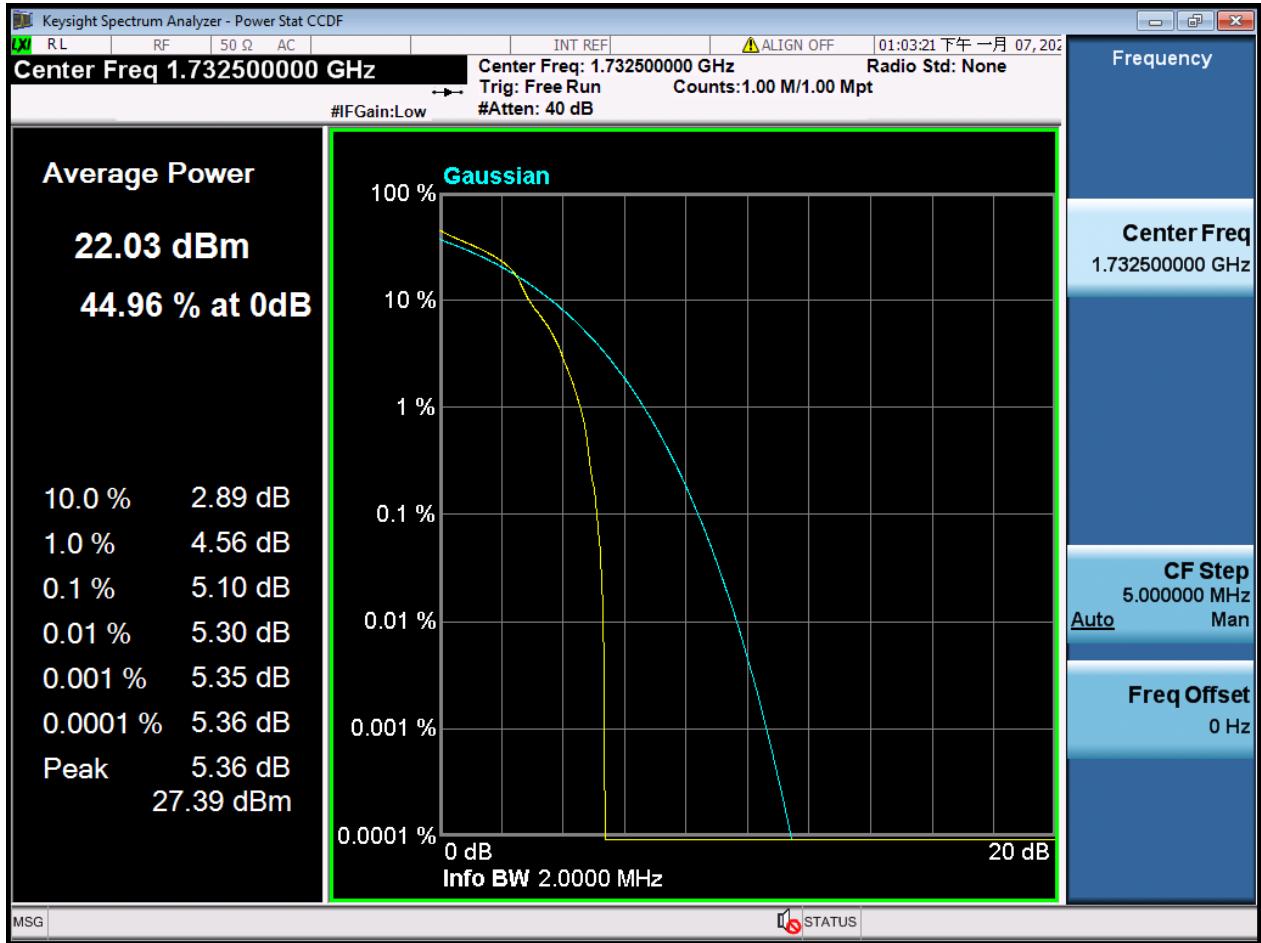


Average Power
22.18 dBm
45.12 % at 0dB

10.0 %	2.89 dB
1.0 %	4.53 dB
0.1 %	5.08 dB
0.01 %	5.31 dB
0.001 %	5.41 dB
0.0001 %	5.44 dB
Peak	5.44 dB
	27.62 dBm

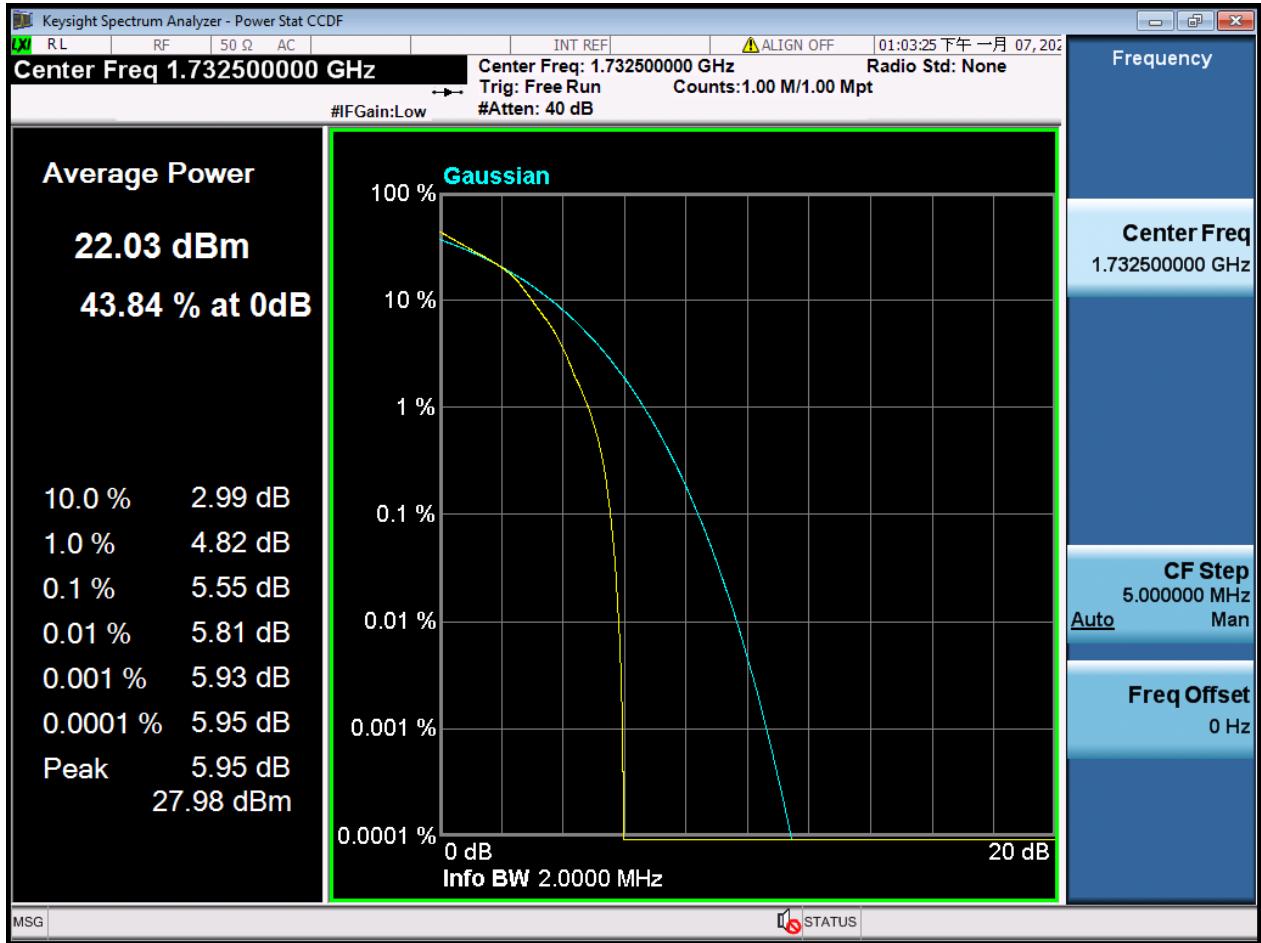
1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.1	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	5.55	13	Pass

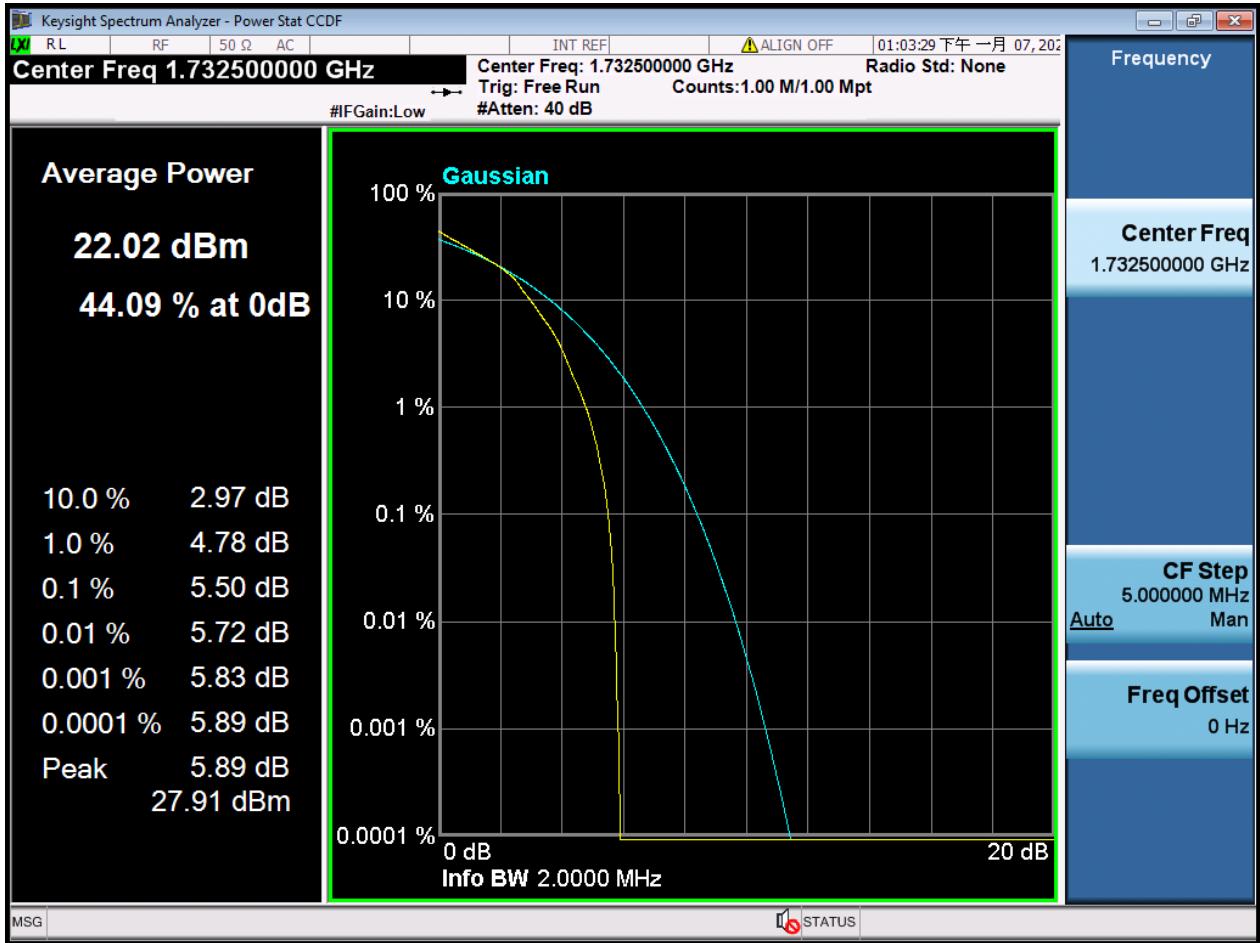


Average Power
22.03 dBm
43.84 % at 0dB

10.0 %	2.99 dB
1.0 %	4.82 dB
0.1 %	5.55 dB
0.01 %	5.81 dB
0.001 %	5.93 dB
0.0001 %	5.95 dB
Peak	5.95 dB
	27.98 dBm

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	5.5	13	Pass



Average Power
22.02 dBm
44.09 % at 0dB

10.0 %	2.97 dB
1.0 %	4.78 dB
0.1 %	5.50 dB
0.01 %	5.72 dB
0.001 %	5.83 dB
0.0001 %	5.89 dB
Peak	5.89 dB
	27.91 dBm

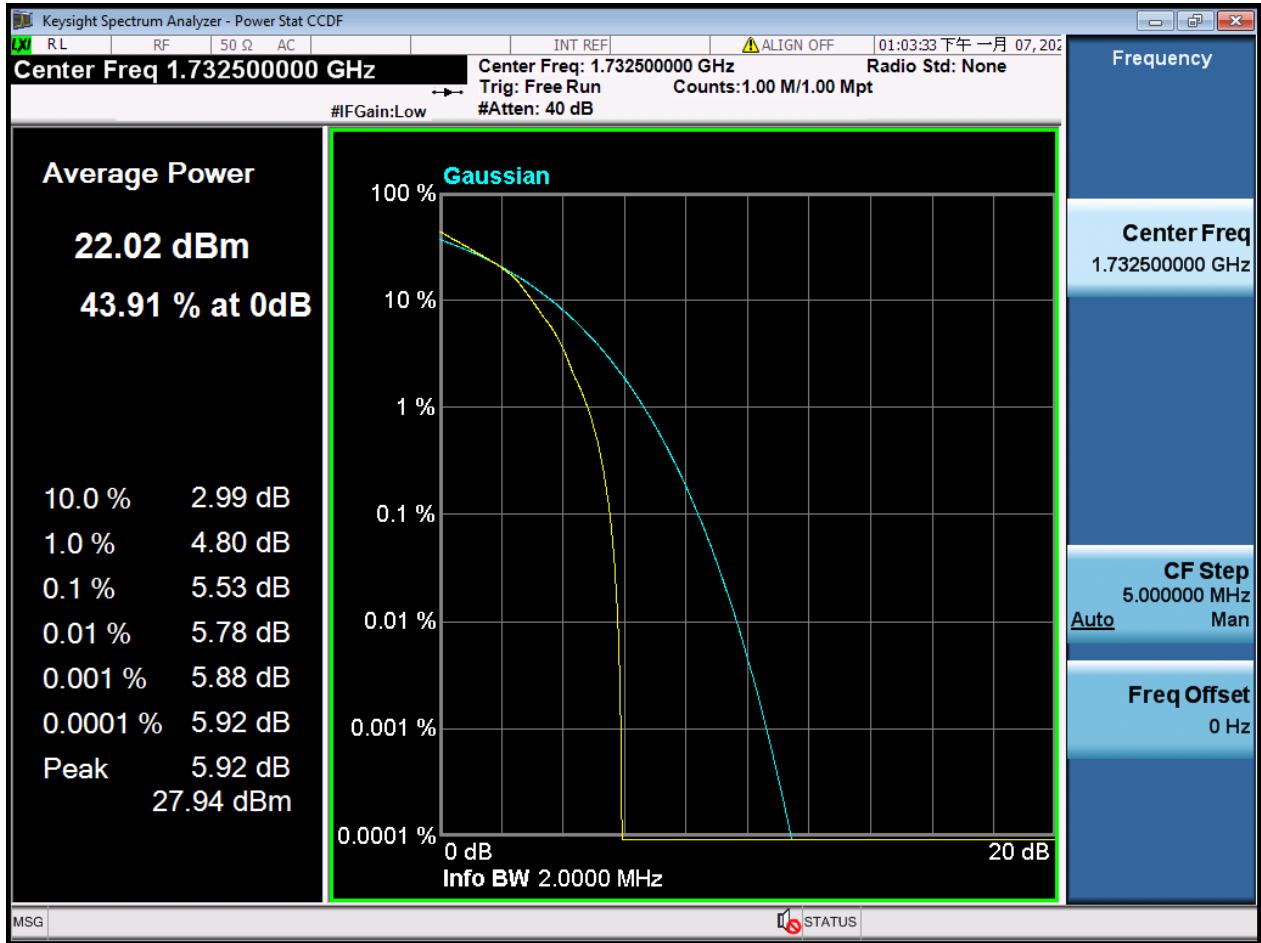
Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

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	5.53	13	Pass



Average Power
22.02 dBm
43.91 % at 0dB

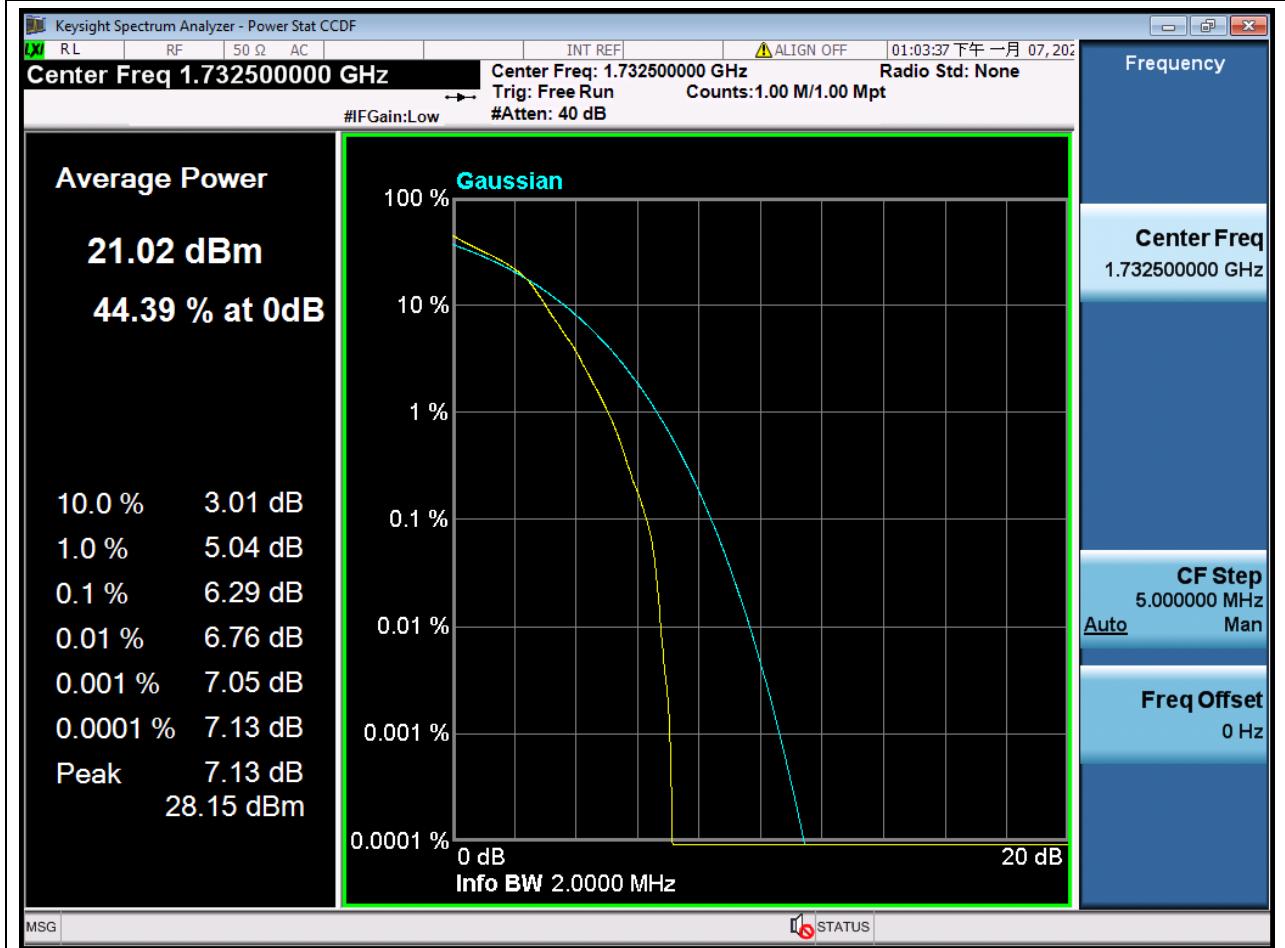
10.0 %	2.99 dB
1.0 %	4.80 dB
0.1 %	5.53 dB
0.01 %	5.78 dB
0.001 %	5.88 dB
0.0001 %	5.92 dB
Peak	5.92 dB
	27.94 dBm

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
Auto
Man
Freq Offset
0 Hz

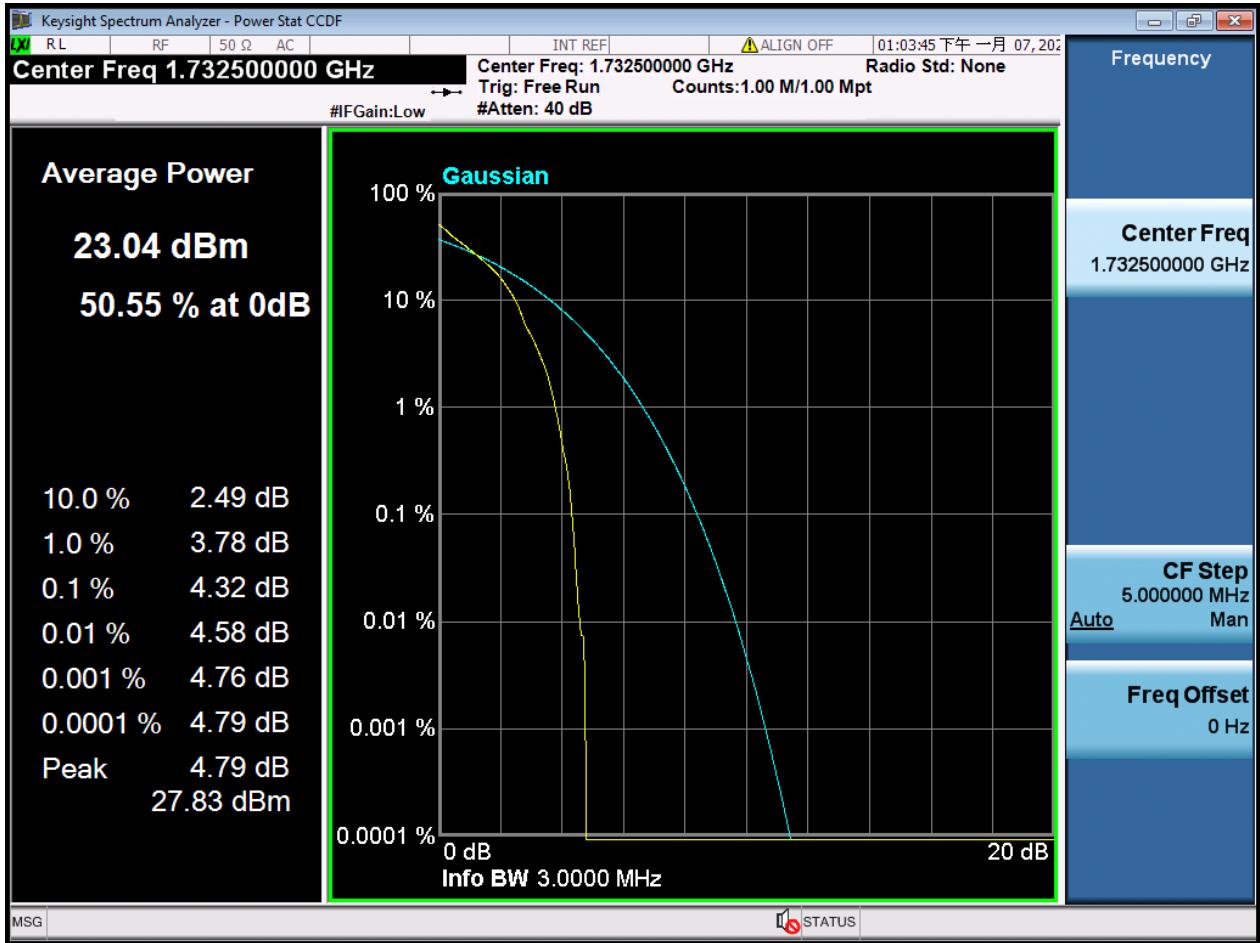
1.14. LTE Peak to Average Ratio(NTNV)(Subtest:14, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.29	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	4.32	13	Pass



Average Power
23.04 dBm
50.55 % at 0dB

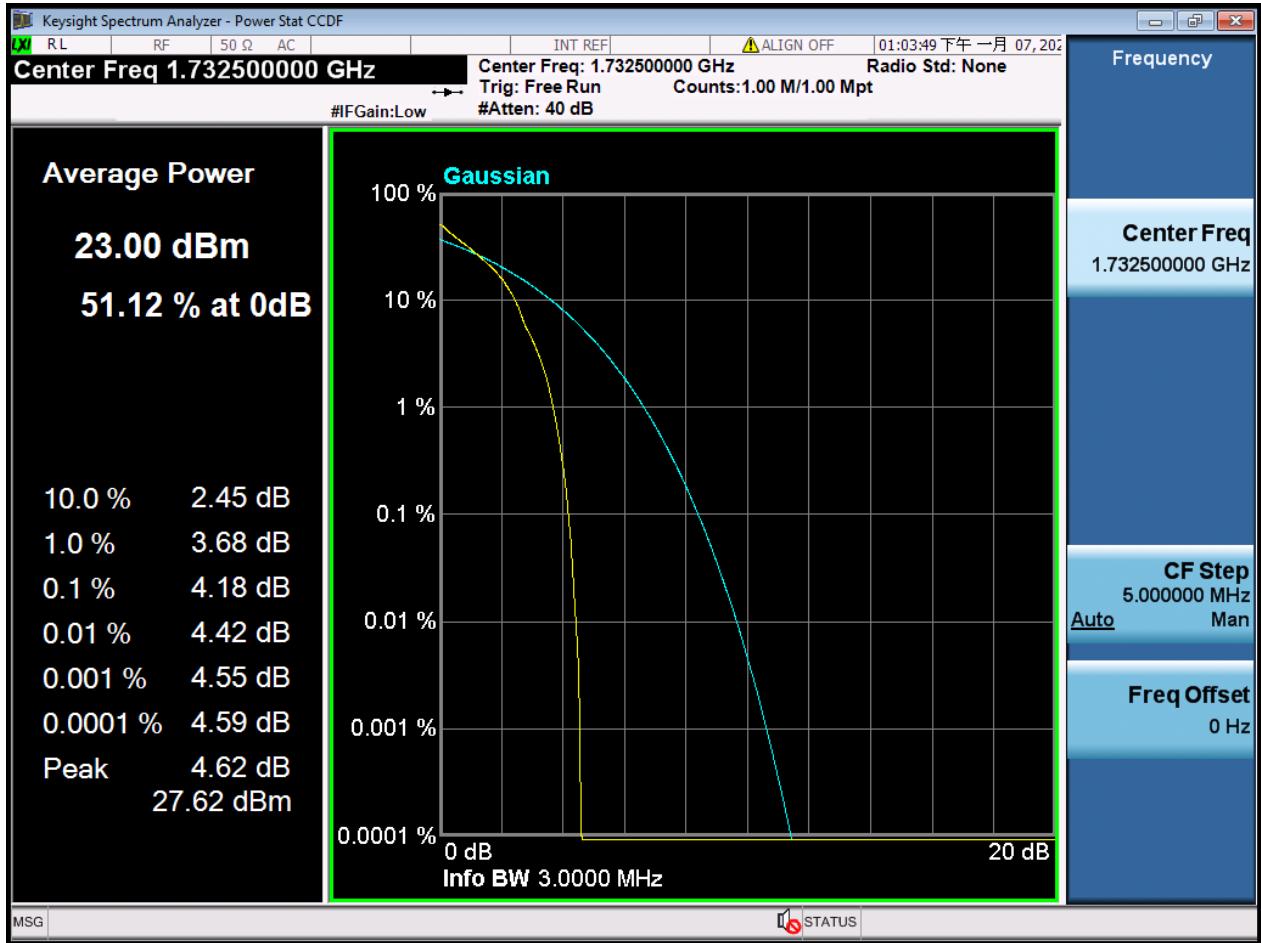
10.0 %	2.49 dB
1.0 %	3.78 dB
0.1 %	4.32 dB
0.01 %	4.58 dB
0.001 %	4.76 dB
0.0001 %	4.79 dB
Peak	4.79 dB
	27.83 dBm

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

1.16. 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	4.18	13	Pass



Average Power
23.00 dBm
51.12 % at 0dB

10.0 %	2.45 dB
1.0 %	3.68 dB
0.1 %	4.18 dB
0.01 %	4.42 dB
0.001 %	4.55 dB
0.0001 %	4.59 dB
Peak	4.62 dB
	27.62 dBm

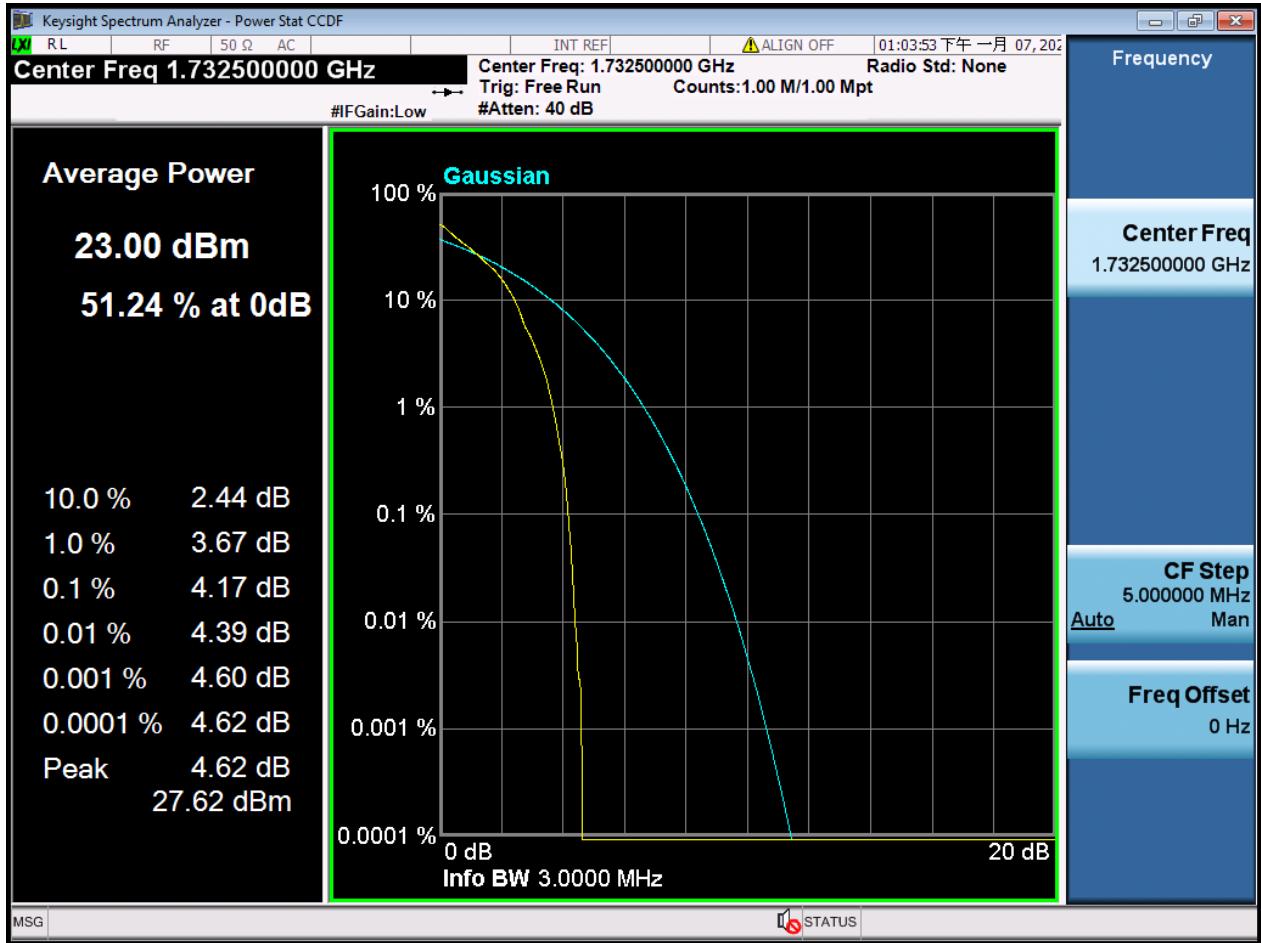
Center Freq
1.732500000 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

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	4.17	13	Pass

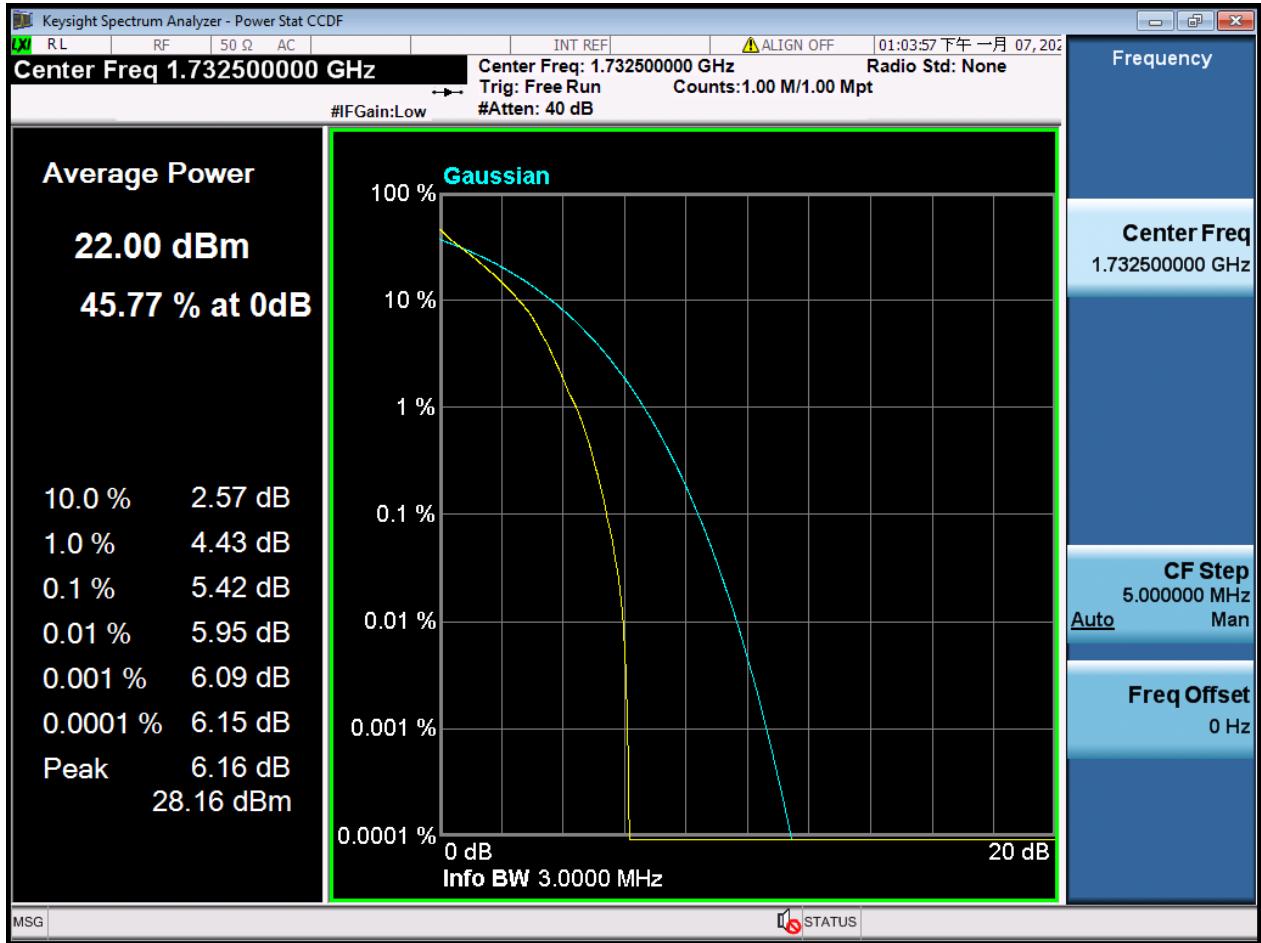


Average Power
23.00 dBm
51.24 % at 0dB

10.0 %	2.44 dB
1.0 %	3.67 dB
0.1 %	4.17 dB
0.01 %	4.39 dB
0.001 %	4.60 dB
0.0001 %	4.62 dB
Peak	4.62 dB
	27.62 dBm

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	5.42	13	Pass



Average Power
22.00 dBm
45.77 % at 0dB

10.0 %	2.57 dB
1.0 %	4.43 dB
0.1 %	5.42 dB
0.01 %	5.95 dB
0.001 %	6.09 dB
0.0001 %	6.15 dB
Peak	6.16 dB
	28.16 dBm

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

Gaussian

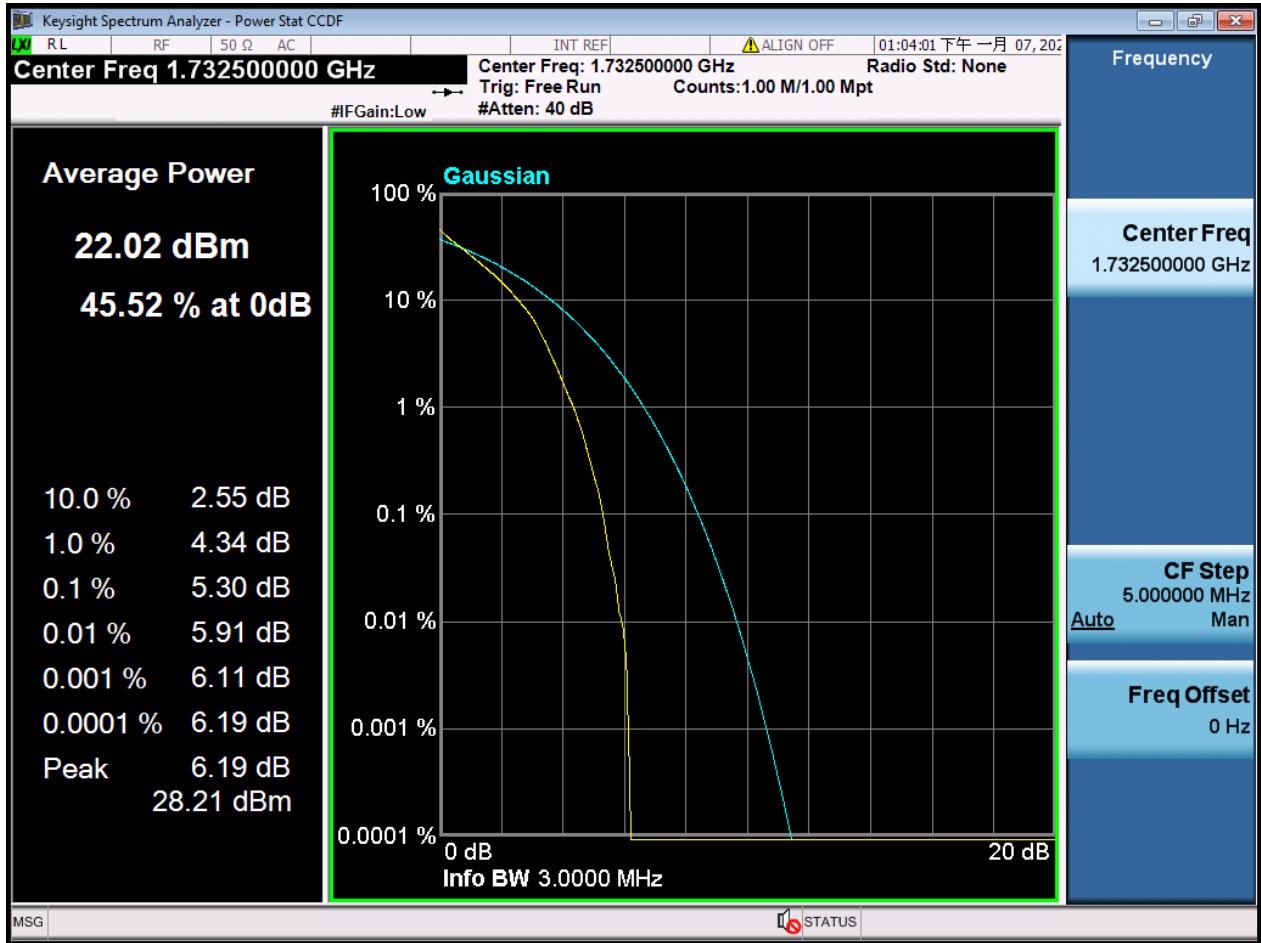
0 dB 20 dB

Info BW 3.0000 MHz

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	5.3	13	Pass



Average Power
22.02 dBm
45.52 % at 0dB

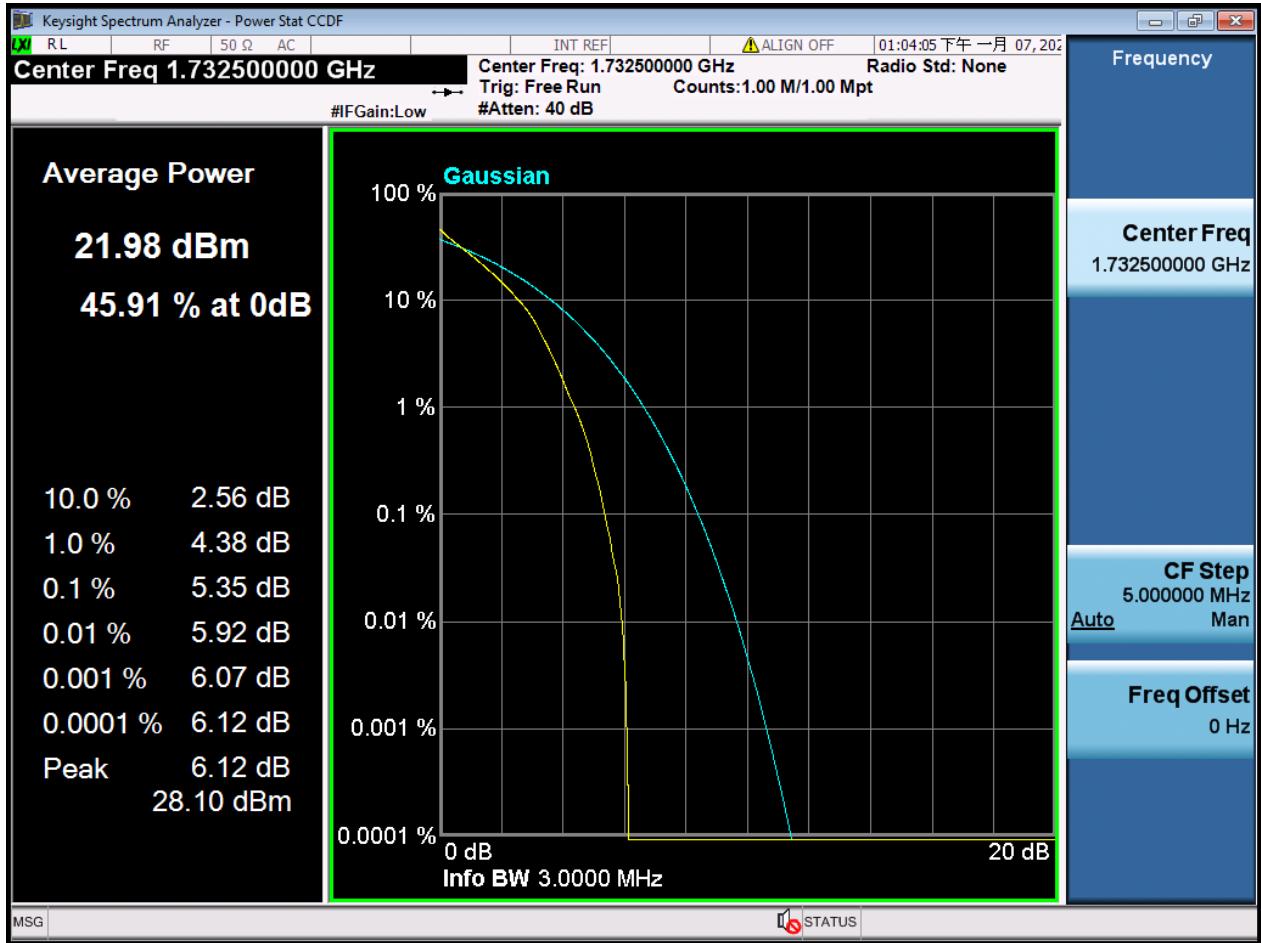
10.0 %	2.55 dB
1.0 %	4.34 dB
0.1 %	5.30 dB
0.01 %	5.91 dB
0.001 %	6.11 dB
0.0001 %	6.19 dB
Peak	6.19 dB
	28.21 dBm

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	5.35	13	Pass



Average Power
21.98 dBm
45.91 % at 0dB

10.0 %	2.56 dB
1.0 %	4.38 dB
0.1 %	5.35 dB
0.01 %	5.92 dB
0.001 %	6.07 dB
0.0001 %	6.12 dB
Peak	6.12 dB
	28.10 dBm

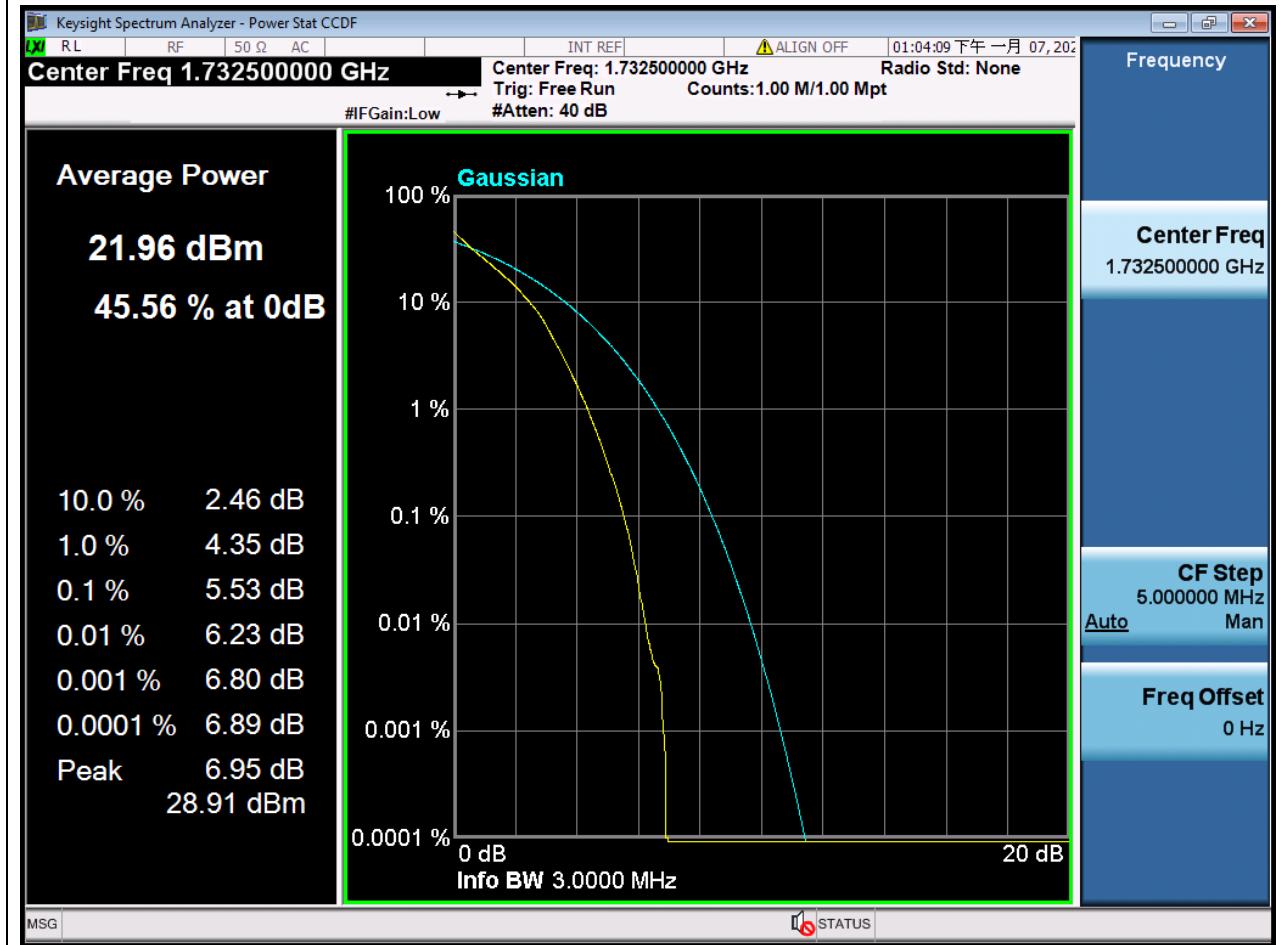
Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

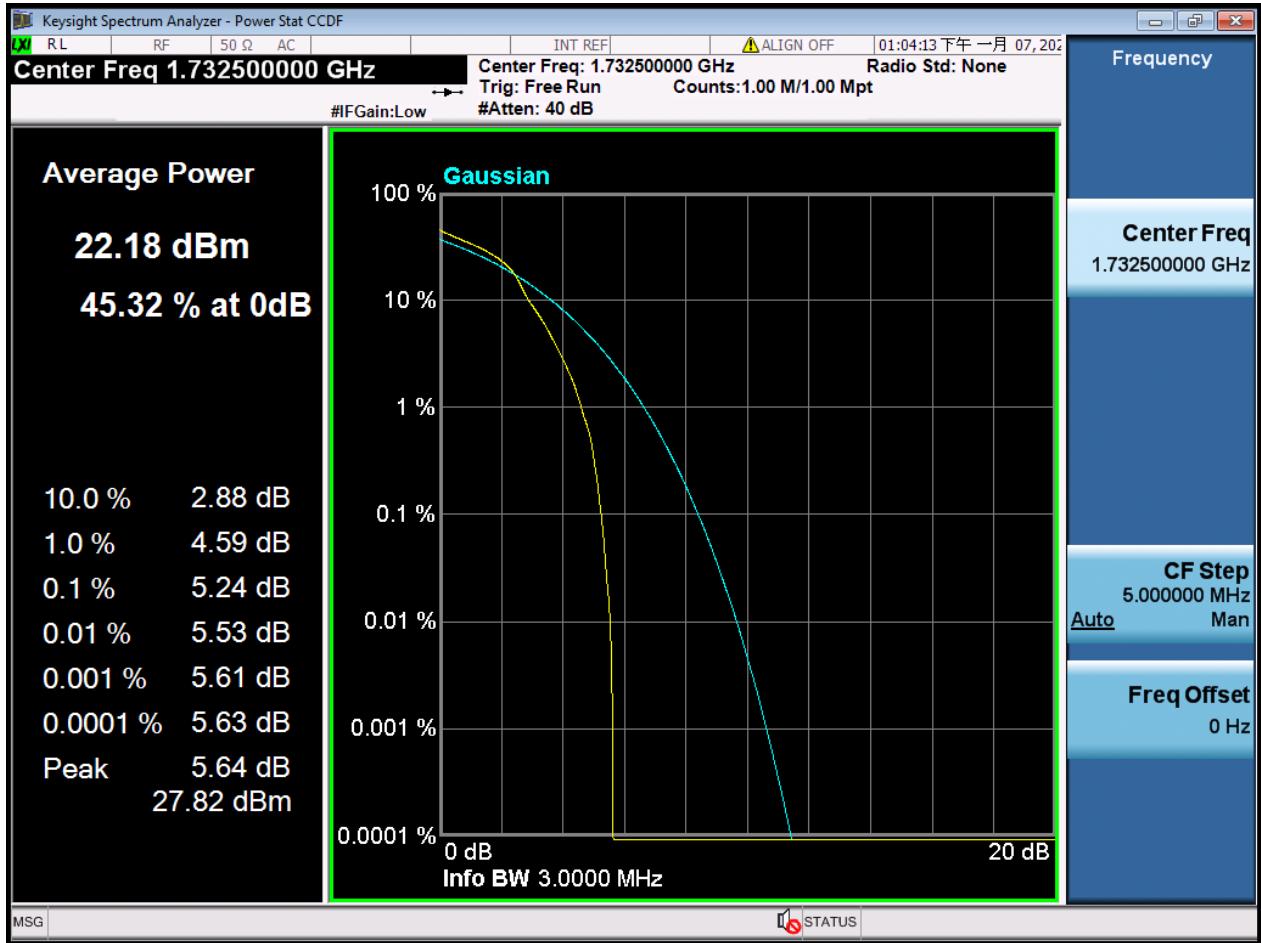
1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.53	13	Pass



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	5.24	13	Pass



Average Power
22.18 dBm
45.32 % at 0dB

10.0 %	2.88 dB
1.0 %	4.59 dB
0.1 %	5.24 dB
0.01 %	5.53 dB
0.001 %	5.61 dB
0.0001 %	5.63 dB
Peak	5.64 dB
	27.82 dBm

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

Gaussian

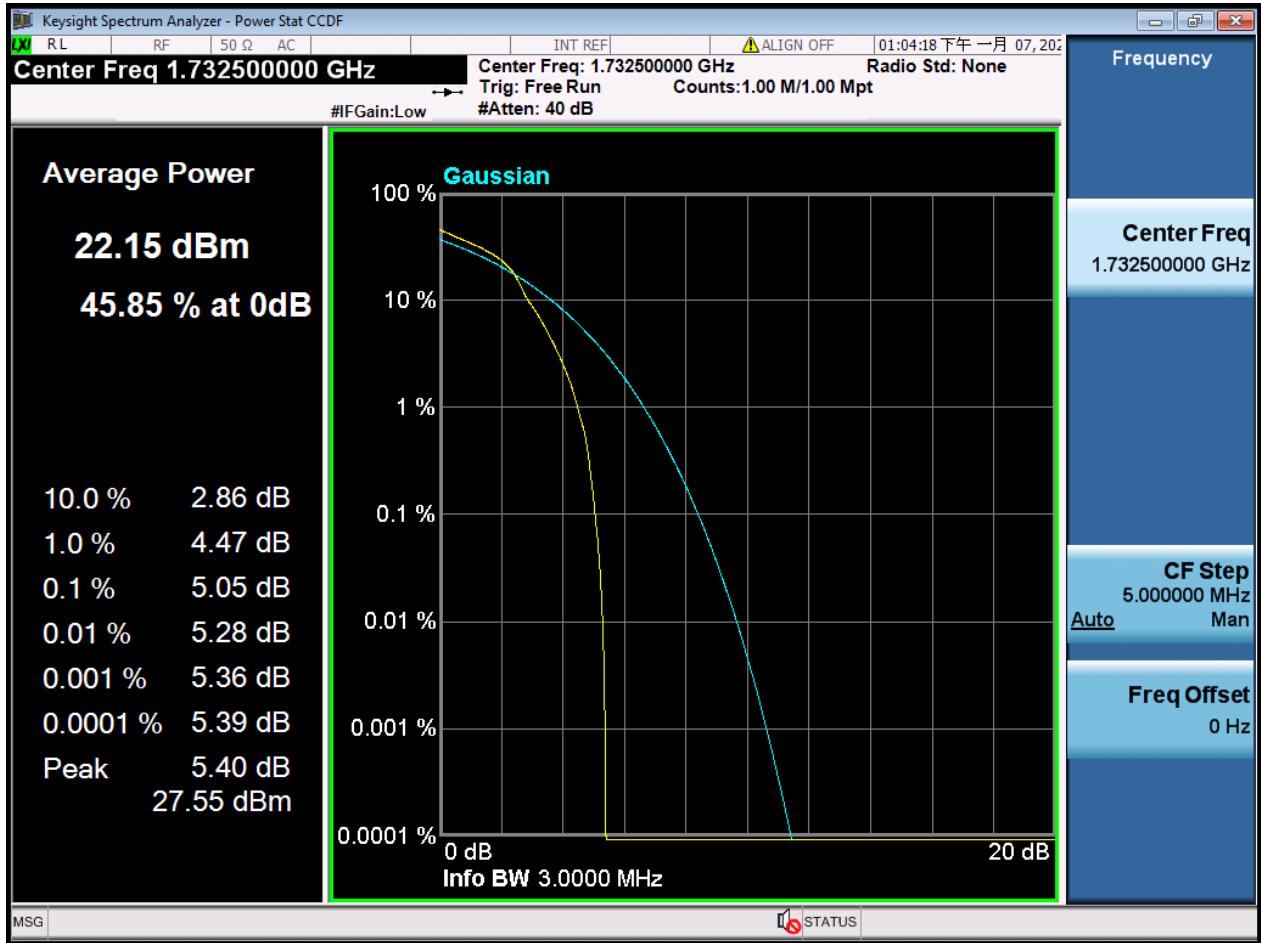
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %

0 dB 20 dB

MSG STATUS

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	5.05	13	Pass



Average Power
22.15 dBm
45.85 % at 0dB

10.0 %	2.86 dB
1.0 %	4.47 dB
0.1 %	5.05 dB
0.01 %	5.28 dB
0.001 %	5.36 dB
0.0001 %	5.39 dB
Peak	5.40 dB
	27.55 dBm

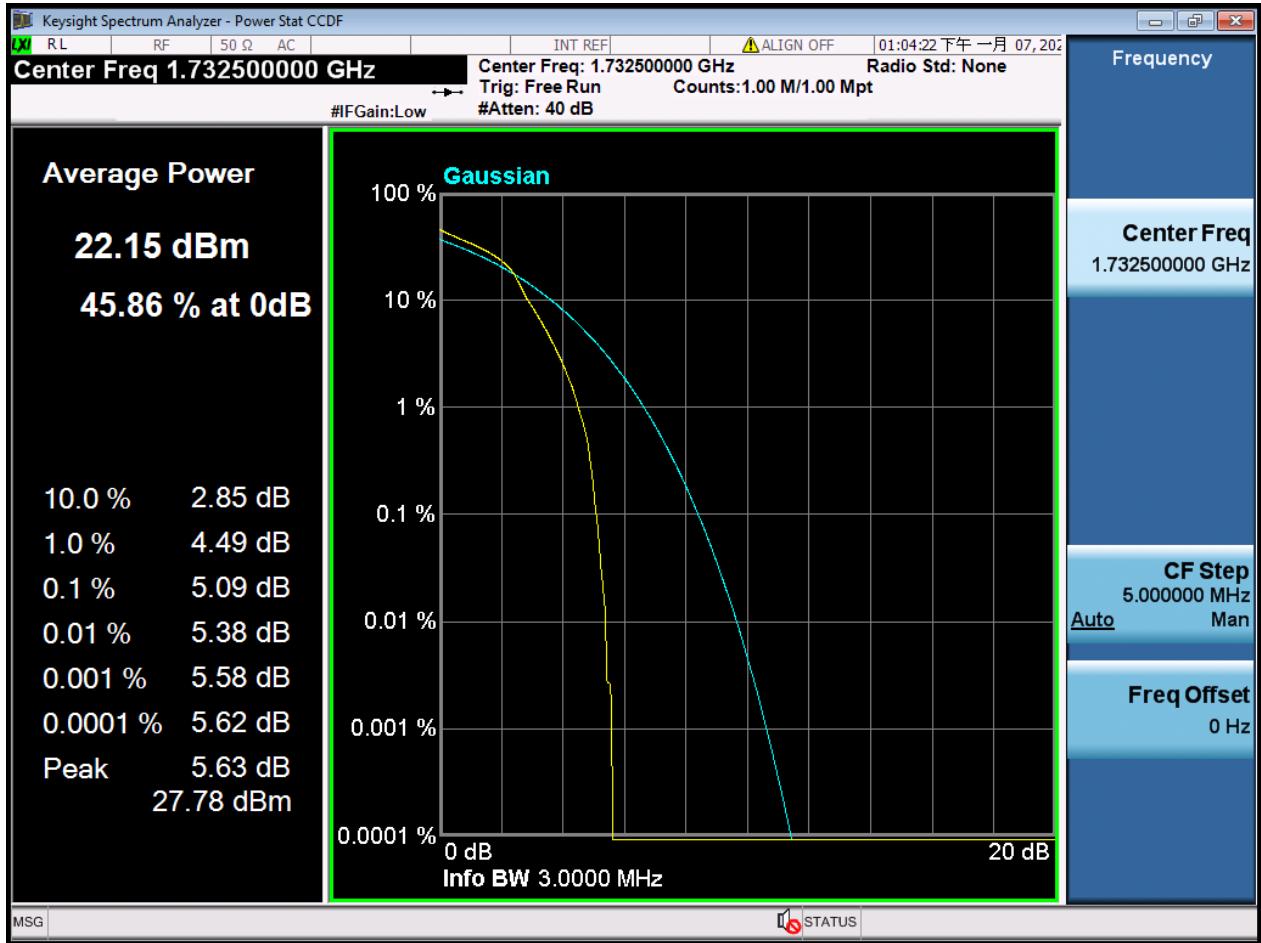
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

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	5.08	13	Pass



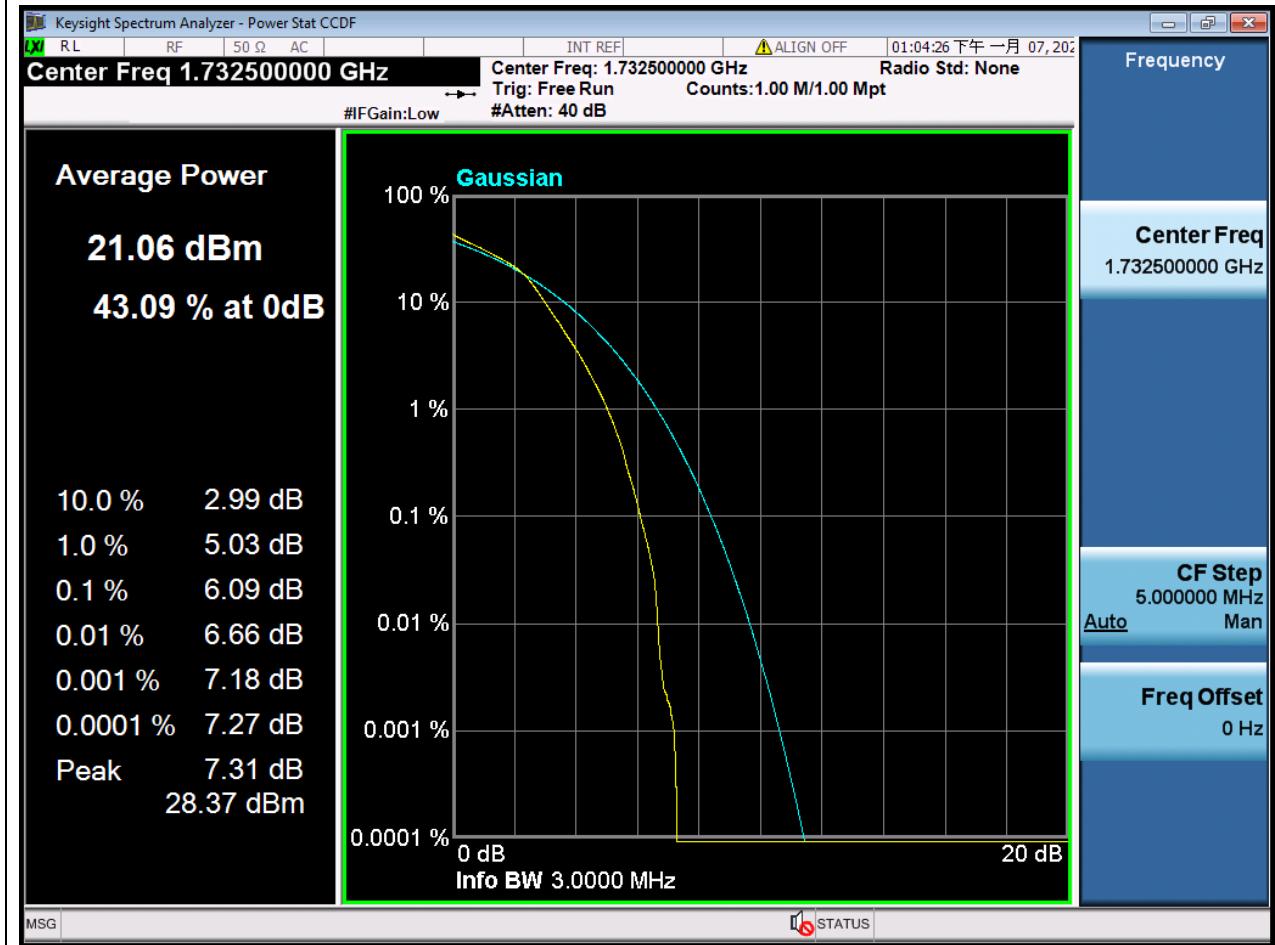
Average Power
22.15 dBm
45.86 % at 0dB

10.0 %	2.85 dB
1.0 %	4.49 dB
0.1 %	5.09 dB
0.01 %	5.38 dB
0.001 %	5.58 dB
0.0001 %	5.62 dB
Peak	5.63 dB
	27.78 dBm

MSG STATUS

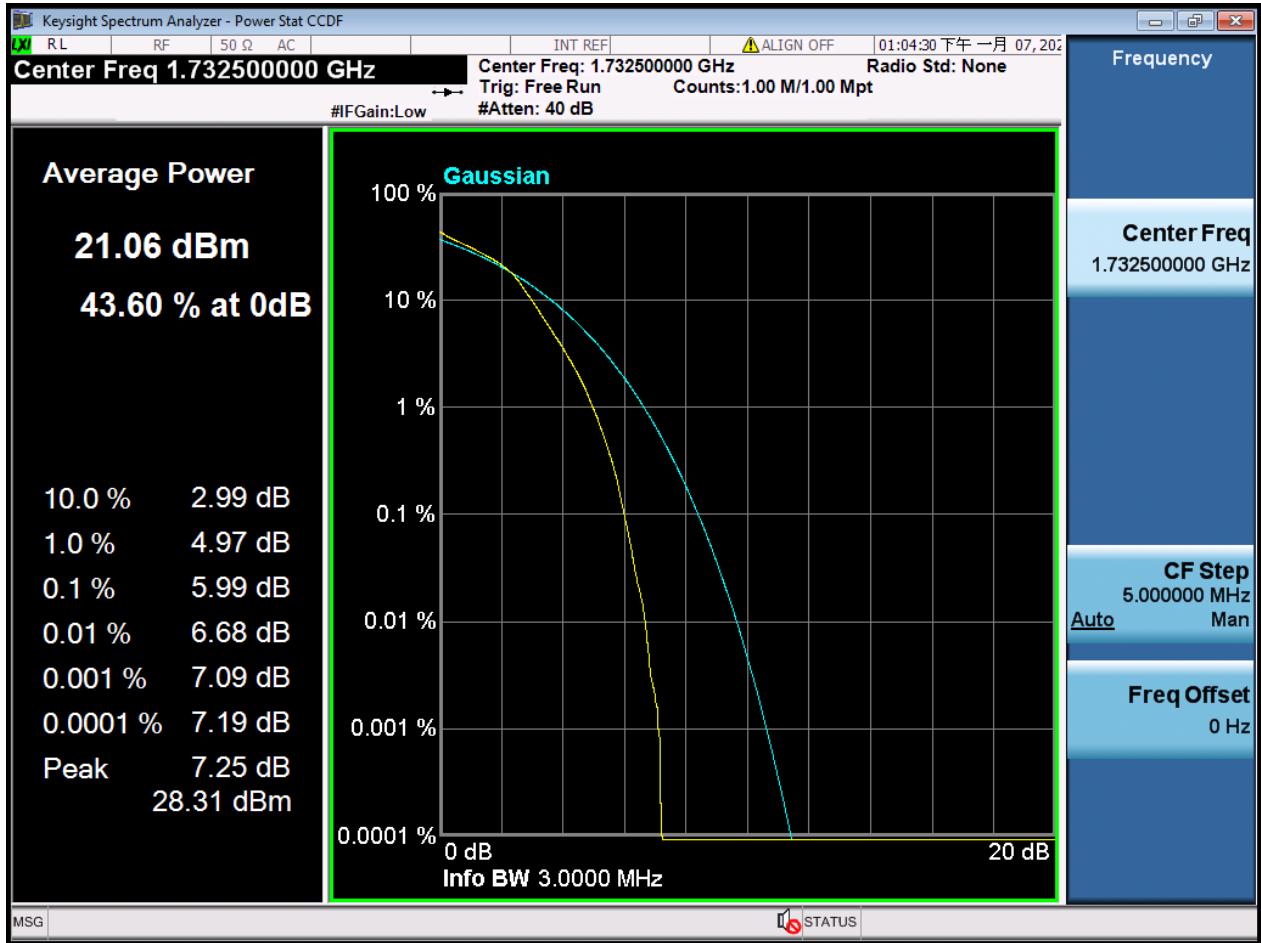
1.25. LTE Peak to Average Ratio(NTNV)(Subtest:25, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:LOW)

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



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	5.99	13	Pass



Average Power
21.06 dBm
43.60 % at 0dB

10.0 %	2.99 dB
1.0 %	4.97 dB
0.1 %	5.99 dB
0.01 %	6.68 dB
0.001 %	7.09 dB
0.0001 %	7.19 dB
Peak	7.25 dB
	28.31 dBm

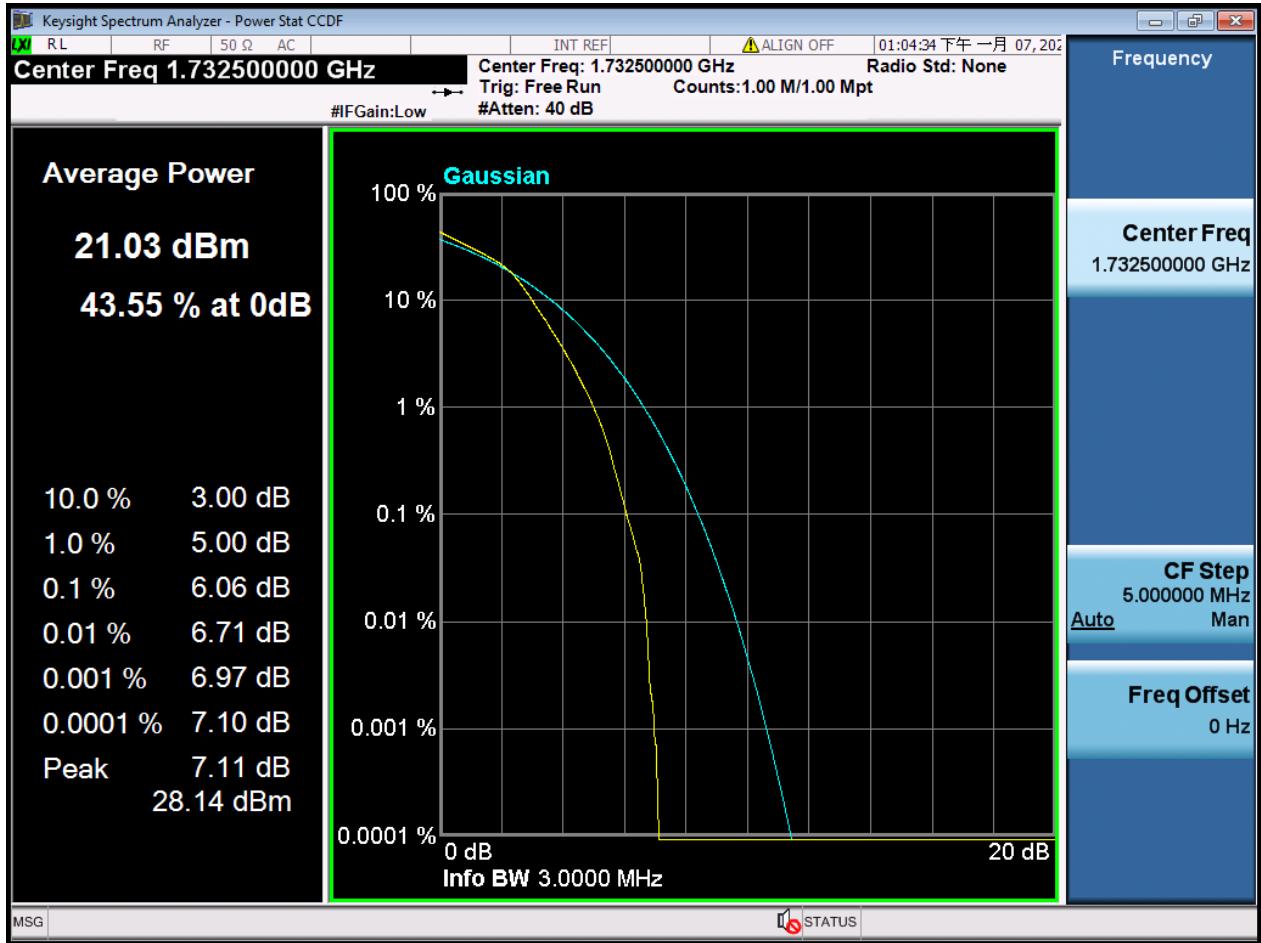
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

1.27. 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	6.06	13	Pass



Average Power
21.03 dBm
43.55 % at 0dB

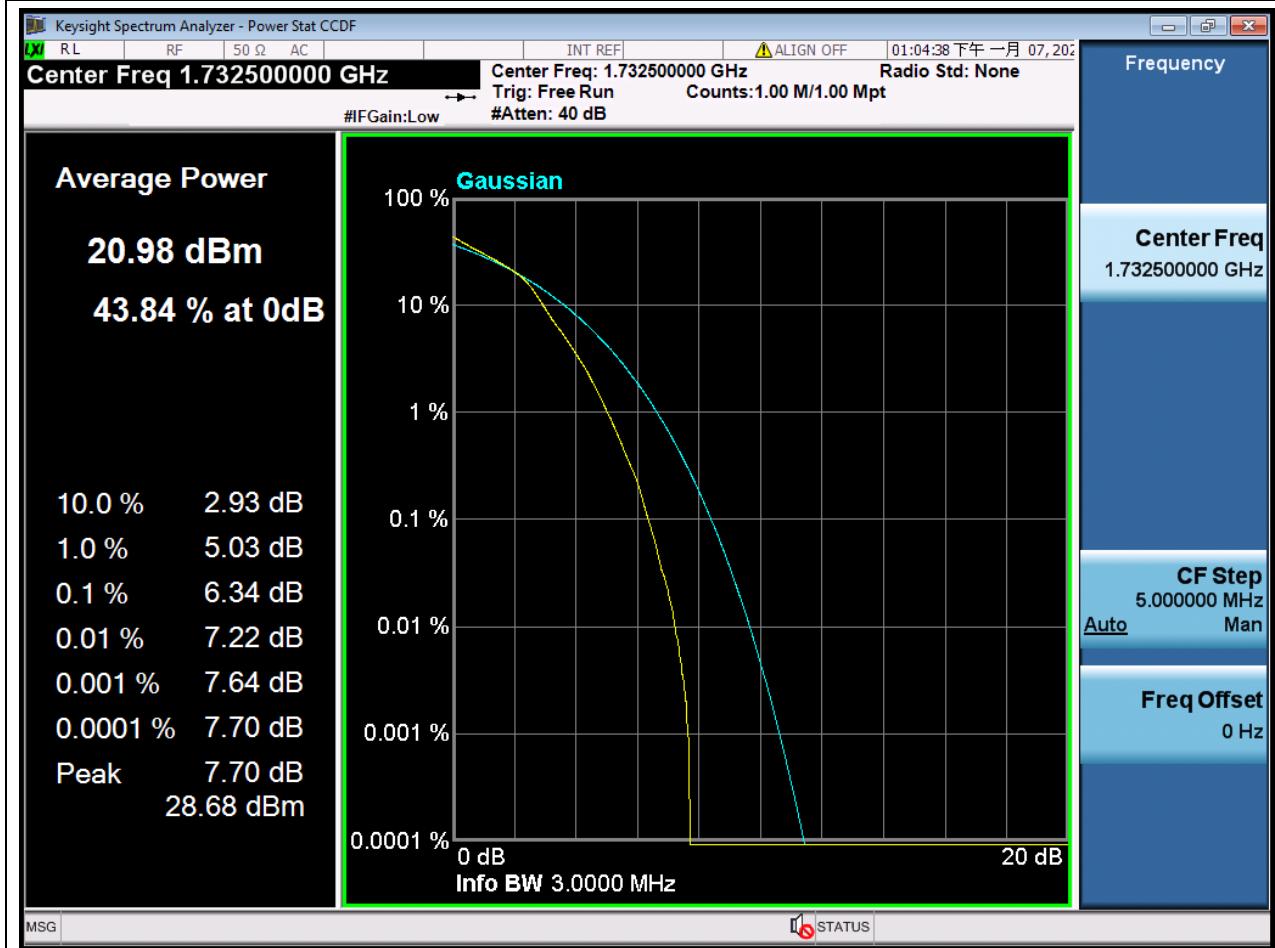
10.0 %	3.00 dB
1.0 %	5.00 dB
0.1 %	6.06 dB
0.01 %	6.71 dB
0.001 %	6.97 dB
0.0001 %	7.10 dB
Peak	7.11 dB
	28.14 dBm

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

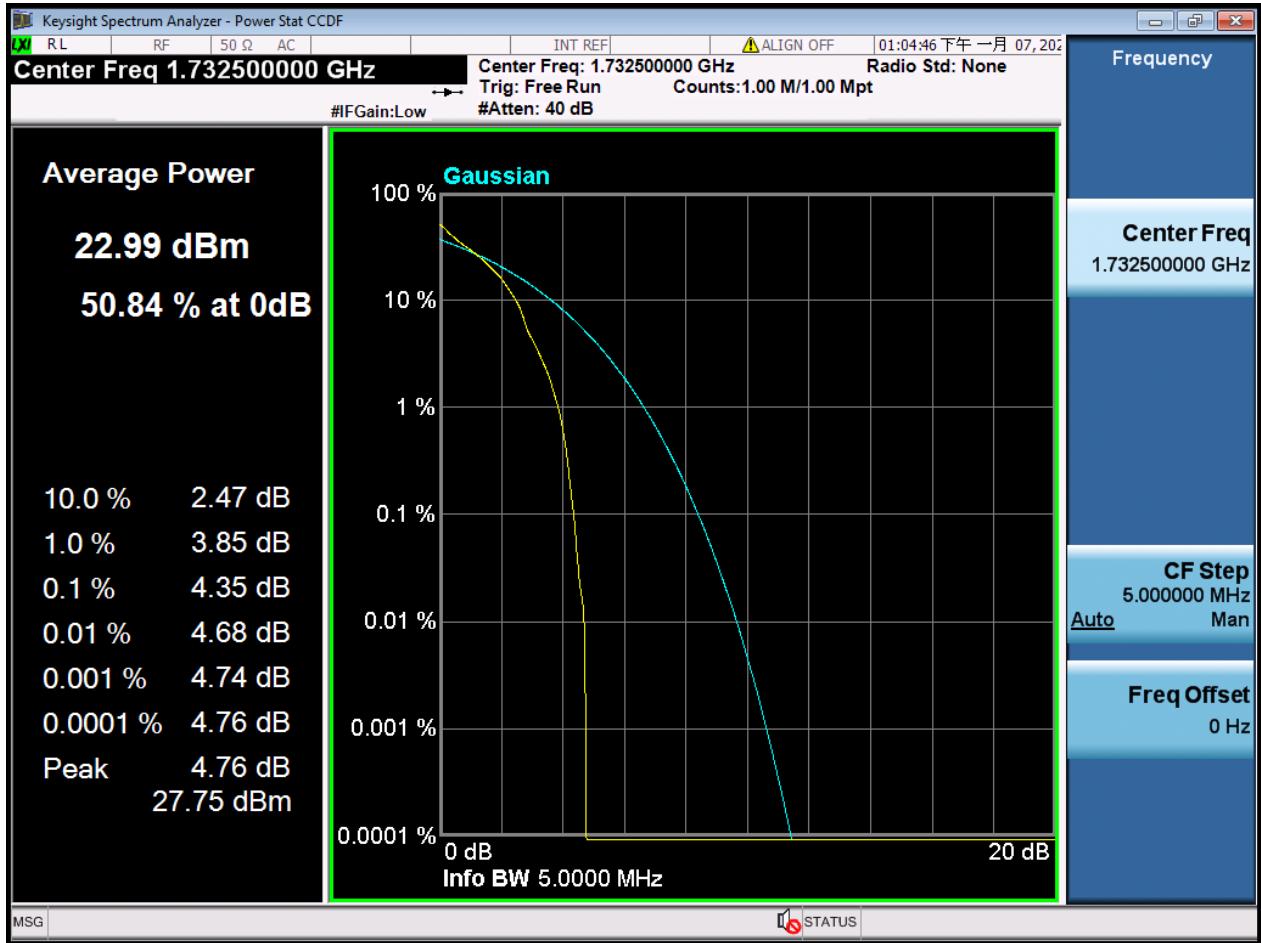
1.28. LTE Peak to Average Ratio(NTNV)(Subtest:28, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.34	13	Pass



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	4.35	13	Pass



Average Power
22.99 dBm
50.84 % at 0dB

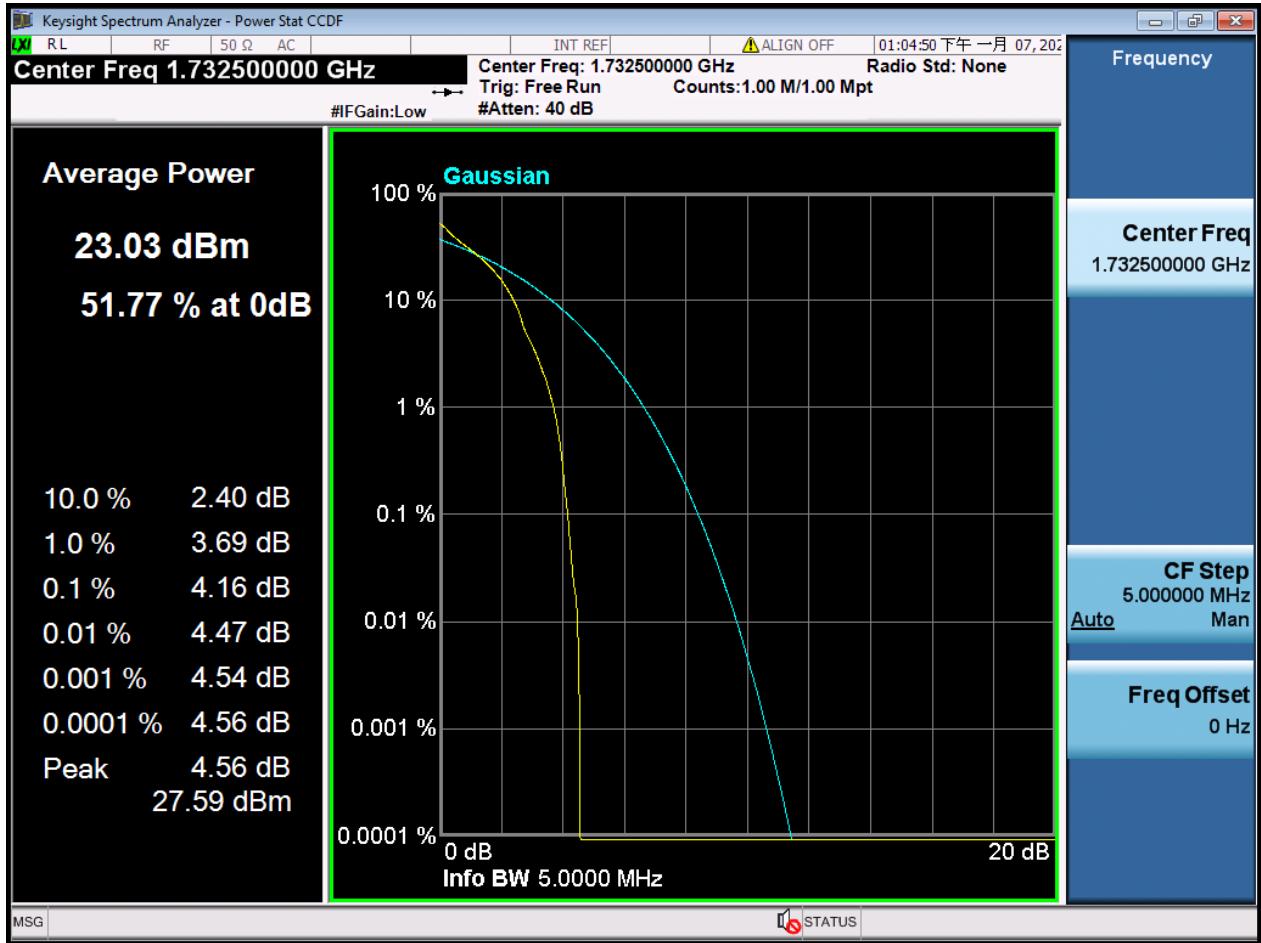
10.0 %	2.47 dB
1.0 %	3.85 dB
0.1 %	4.35 dB
0.01 %	4.68 dB
0.001 %	4.74 dB
0.0001 %	4.76 dB
Peak	4.76 dB
	27.75 dBm

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

1.30. 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	4.16	13	Pass



Average Power
23.03 dBm
51.77 % at 0dB

10.0 %	2.40 dB
1.0 %	3.69 dB
0.1 %	4.16 dB
0.01 %	4.47 dB
0.001 %	4.54 dB
0.0001 %	4.56 dB
Peak	4.56 dB
	27.59 dBm

Gaussian

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

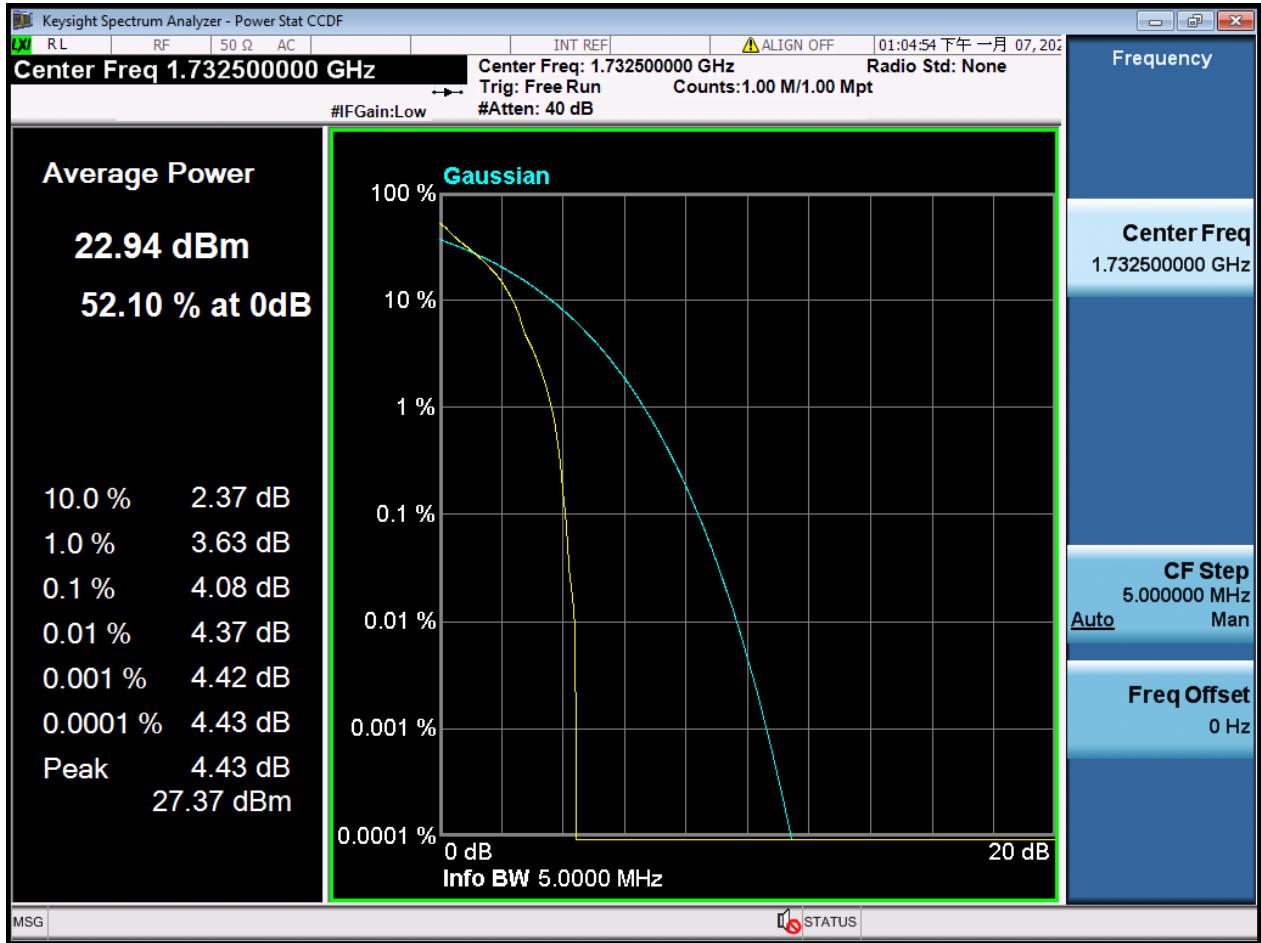
0 dB 20 dB

Info BW 5.0000 MHz

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	4.08	13	Pass



Average Power
22.94 dBm
52.10 % at 0dB

10.0 %	2.37 dB
1.0 %	3.63 dB
0.1 %	4.08 dB
0.01 %	4.37 dB
0.001 %	4.42 dB
0.0001 %	4.43 dB
Peak	4.43 dB
	27.37 dBm

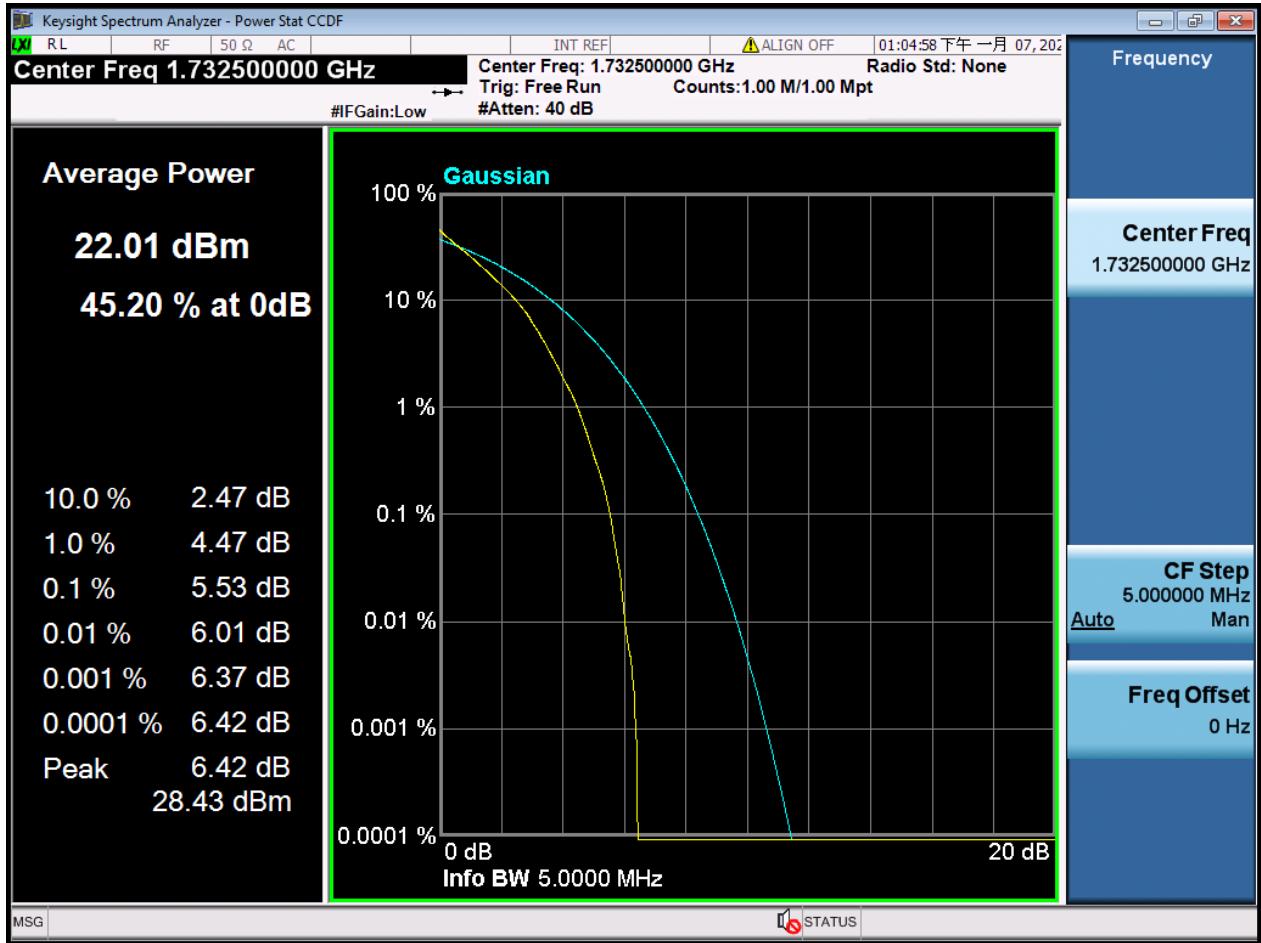
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

1.32. 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	5.53	13	Pass



Average Power
22.01 dBm
45.20 % at 0dB

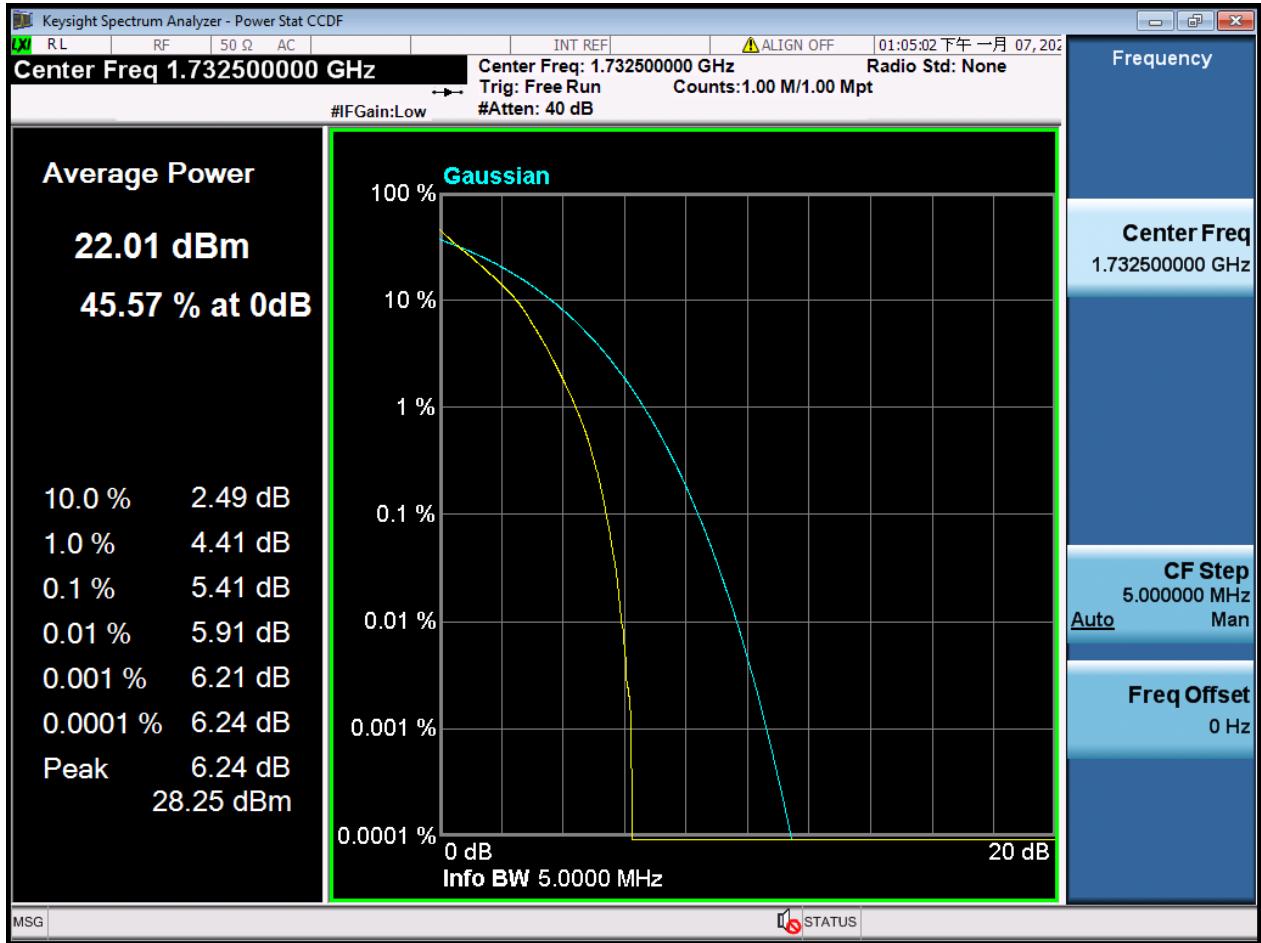
10.0 %	2.47 dB
1.0 %	4.47 dB
0.1 %	5.53 dB
0.01 %	6.01 dB
0.001 %	6.37 dB
0.0001 %	6.42 dB
Peak	6.42 dB
	28.43 dBm

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
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	5.41	13	Pass



Average Power
22.01 dBm
45.57 % at 0dB

10.0 %	2.49 dB
1.0 %	4.41 dB
0.1 %	5.41 dB
0.01 %	5.91 dB
0.001 %	6.21 dB
0.0001 %	6.24 dB
Peak	6.24 dB
	28.25 dBm

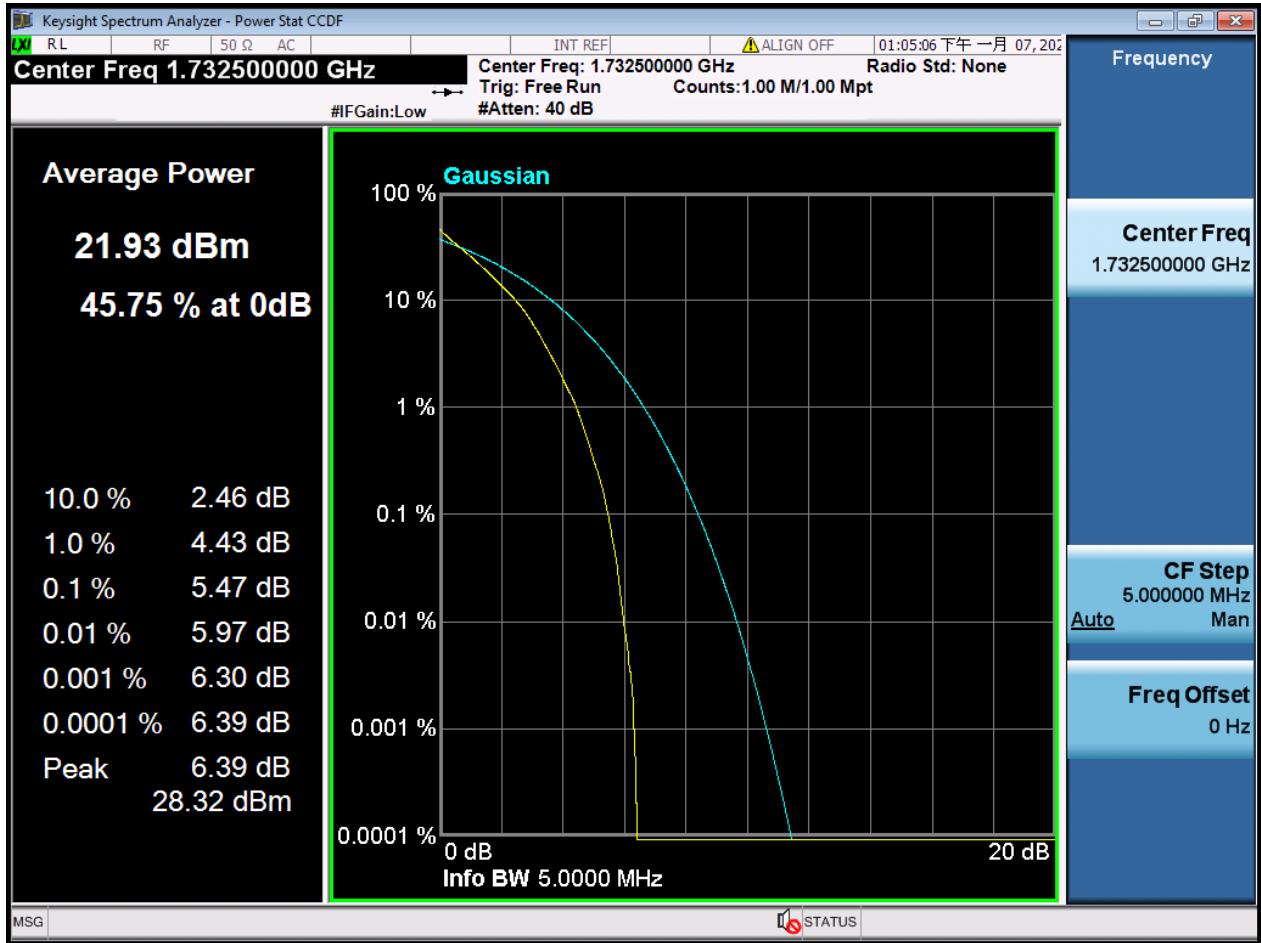
Gaussian

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
Auto
Freq Offset: 0 Hz

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	5.47	13	Pass



Average Power
21.93 dBm
45.75 % at 0dB

10.0 %	2.46 dB
1.0 %	4.43 dB
0.1 %	5.47 dB
0.01 %	5.97 dB
0.001 %	6.30 dB
0.0001 %	6.39 dB
Peak	6.39 dB
	28.32 dBm

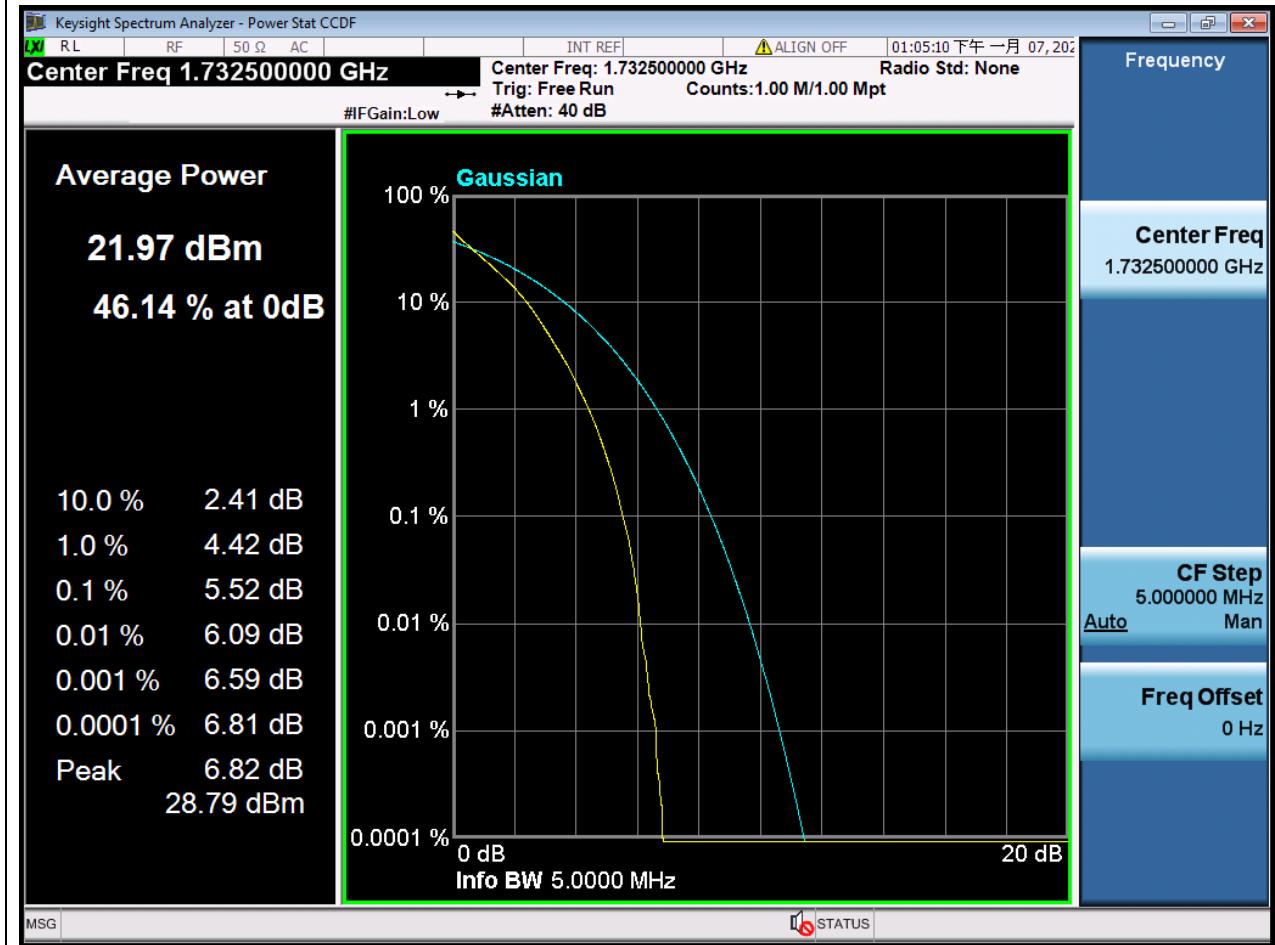
Gaussian

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

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

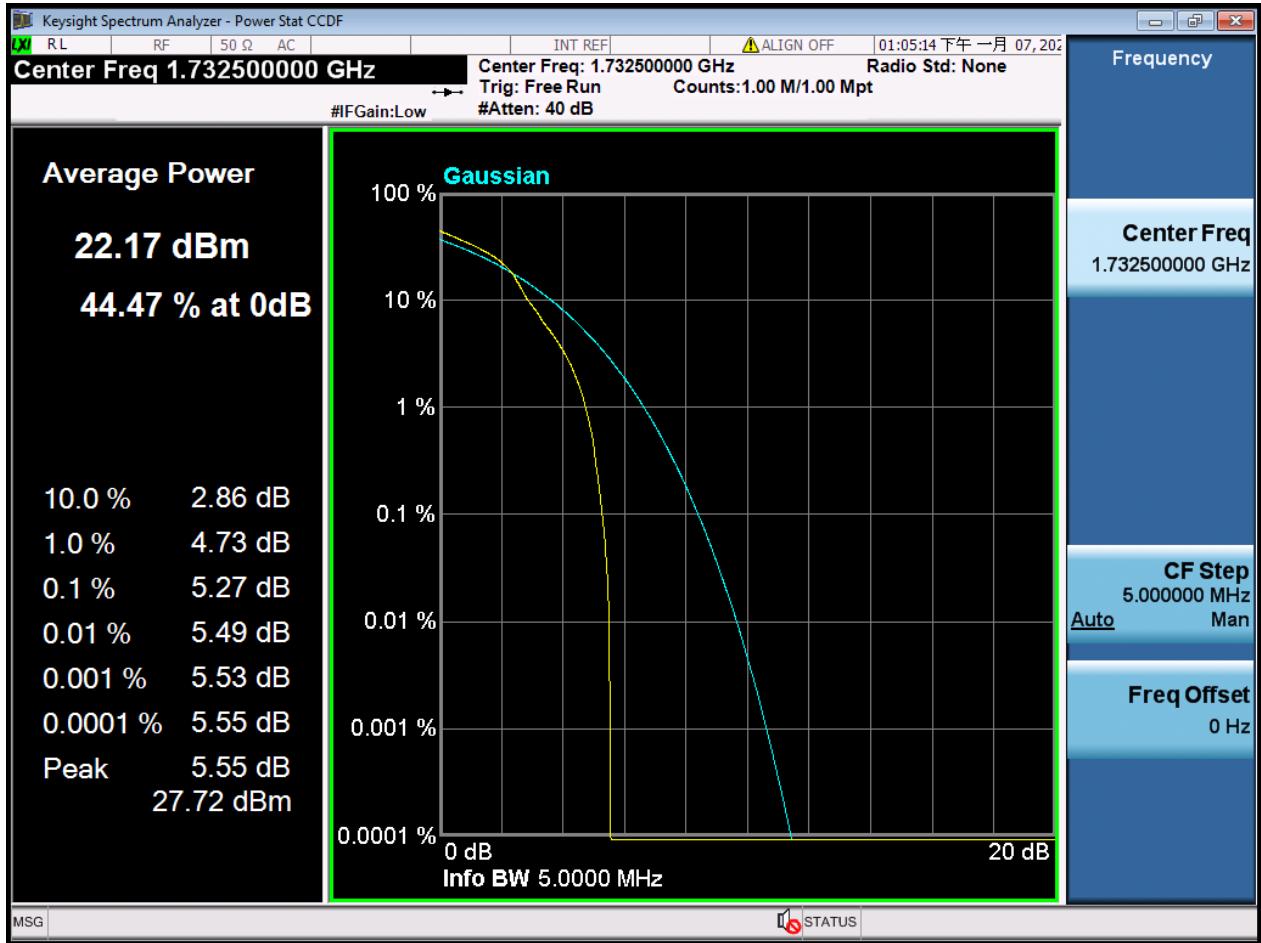
1.35. LTE Peak to Average Ratio(NTNV)(Subtest:35, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.52	13	Pass



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	5.27	13	Pass



Average Power
22.17 dBm
44.47 % at 0dB

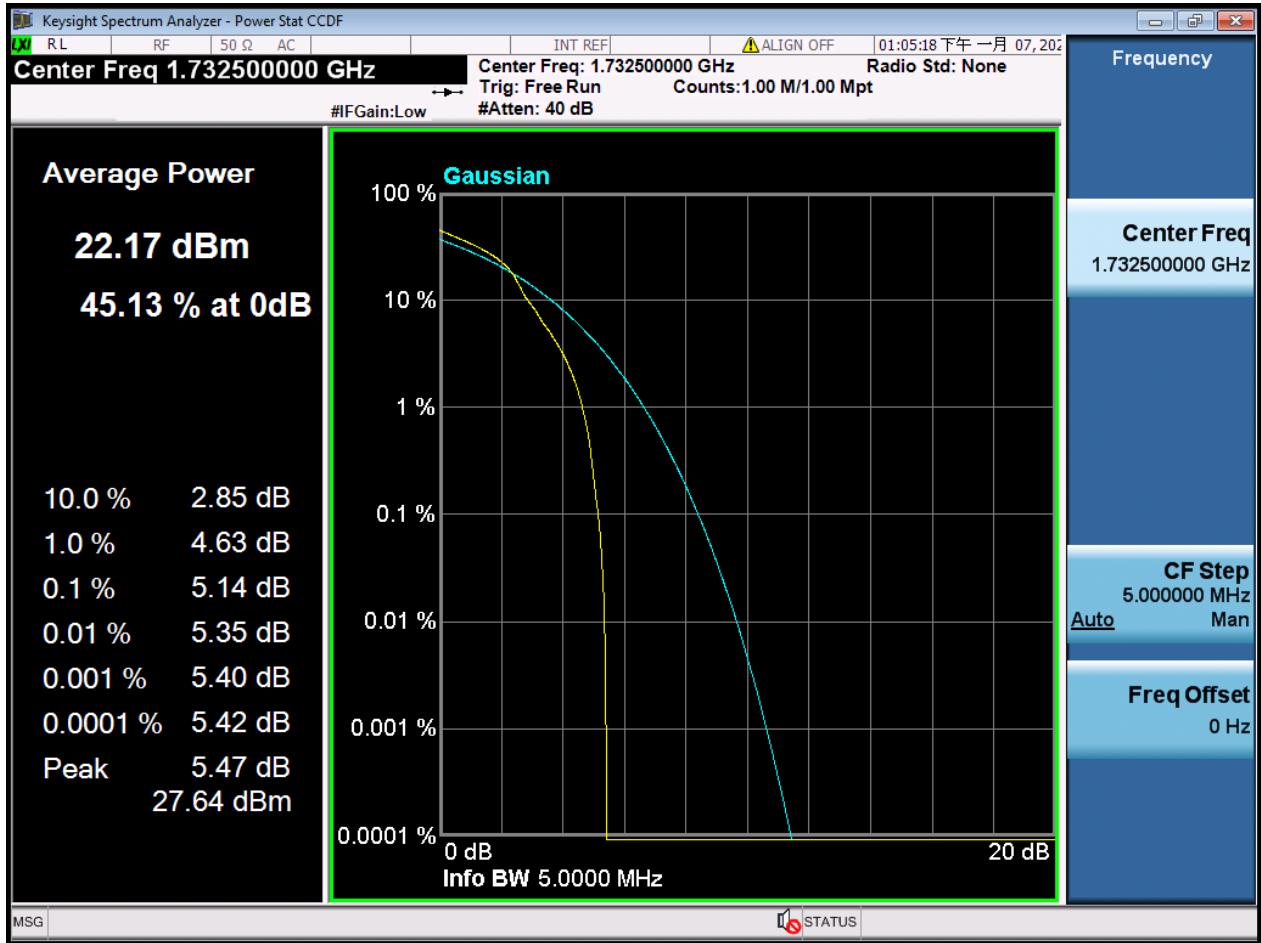
10.0 %	2.86 dB
1.0 %	4.73 dB
0.1 %	5.27 dB
0.01 %	5.49 dB
0.001 %	5.53 dB
0.0001 %	5.55 dB
Peak	5.55 dB
	27.72 dBm

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

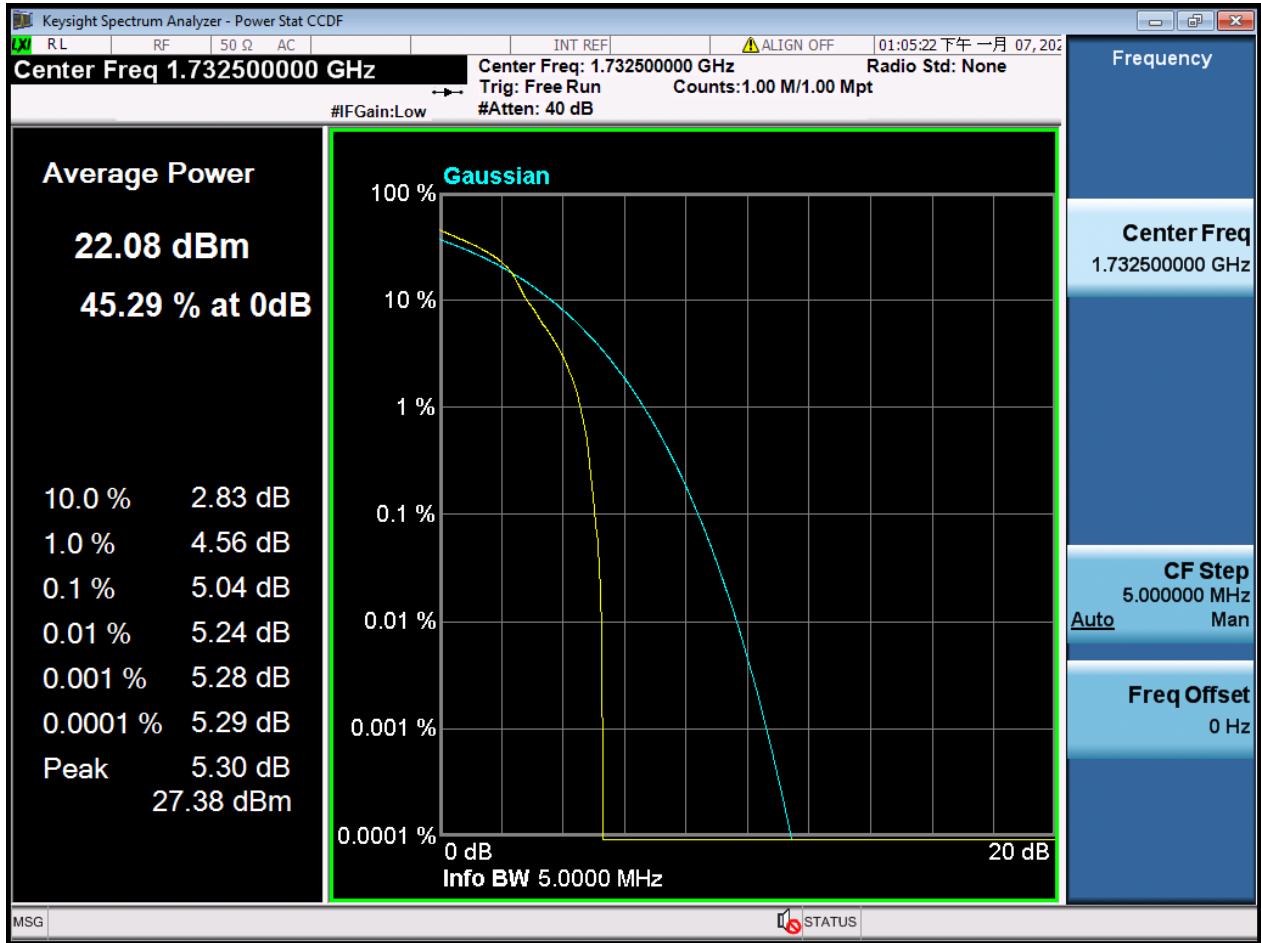
1.37. LTE Peak to Average Ratio(NTNV)(Subtest:37, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

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



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	5.04	13	Pass



Average Power
22.08 dBm
45.29 % at 0dB

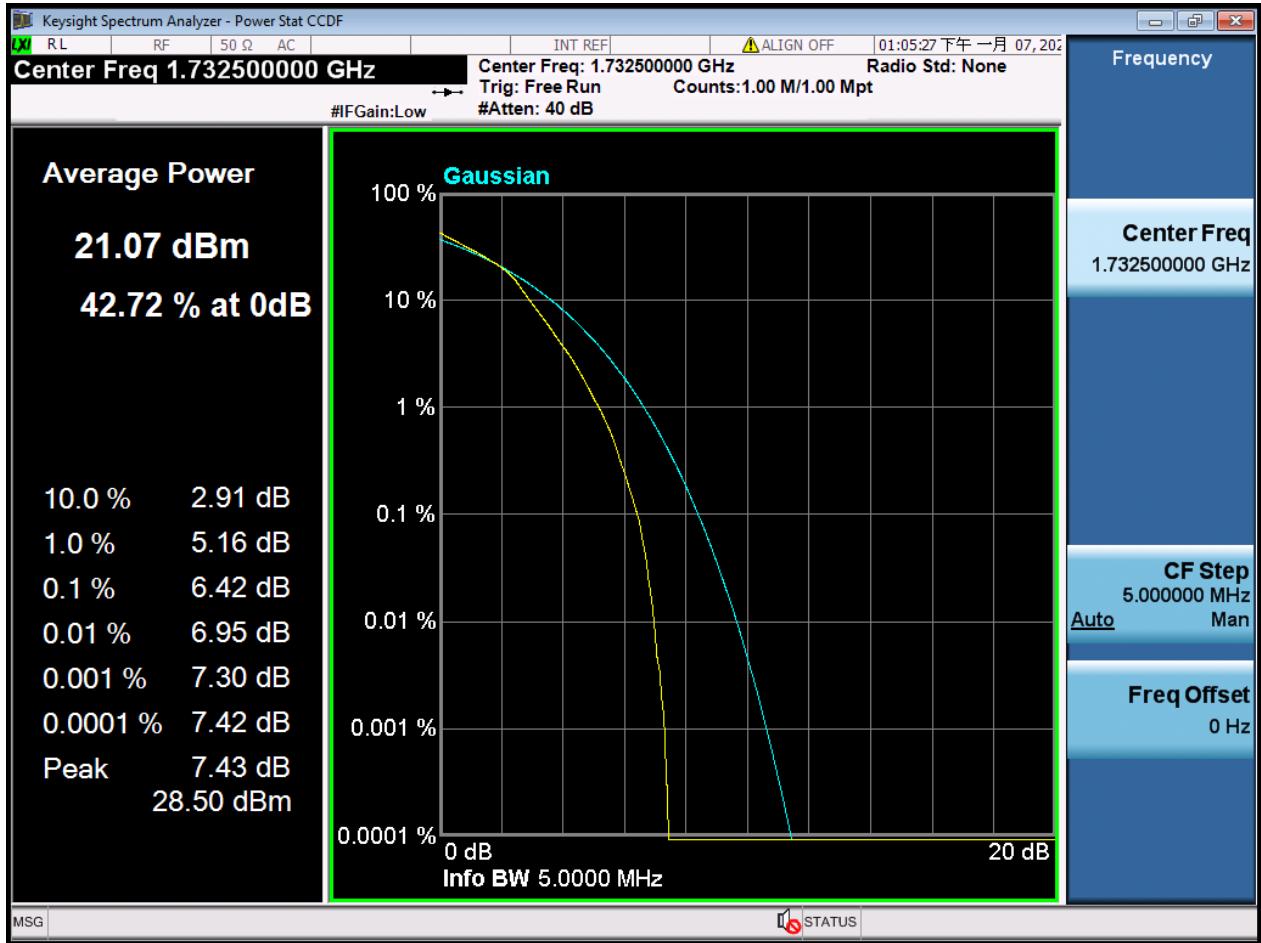
10.0 %	2.83 dB
1.0 %	4.56 dB
0.1 %	5.04 dB
0.01 %	5.24 dB
0.001 %	5.28 dB
0.0001 %	5.29 dB
Peak	5.30 dB
	27.38 dBm

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	6.42	13	Pass



Average Power
21.07 dBm
42.72 % at 0dB

10.0 %	2.91 dB
1.0 %	5.16 dB
0.1 %	6.42 dB
0.01 %	6.95 dB
0.001 %	7.30 dB
0.0001 %	7.42 dB
Peak	7.43 dB
	28.50 dBm

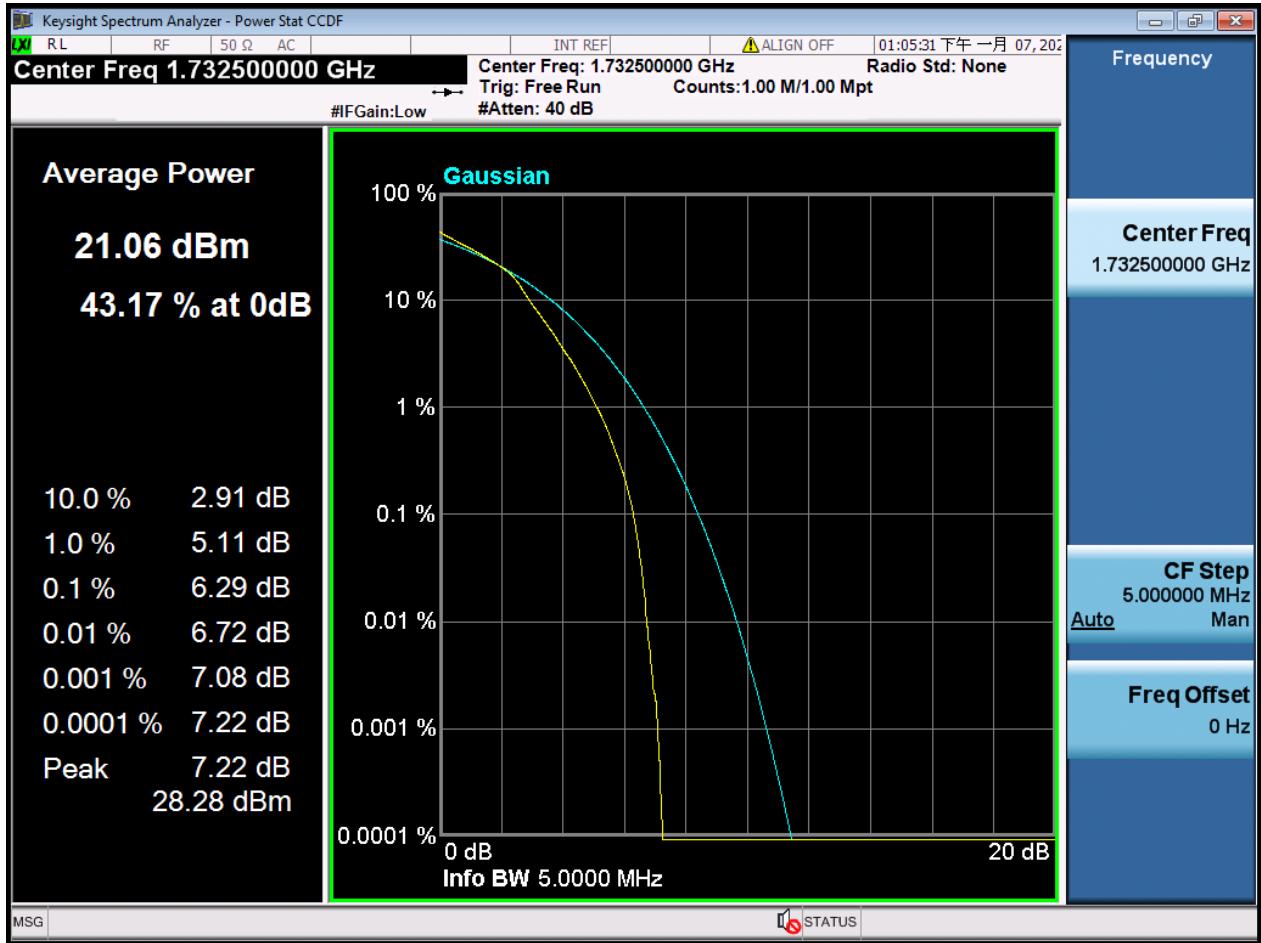
Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

1.40. 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	6.29	13	Pass



Average Power
21.06 dBm
43.17 % at 0dB

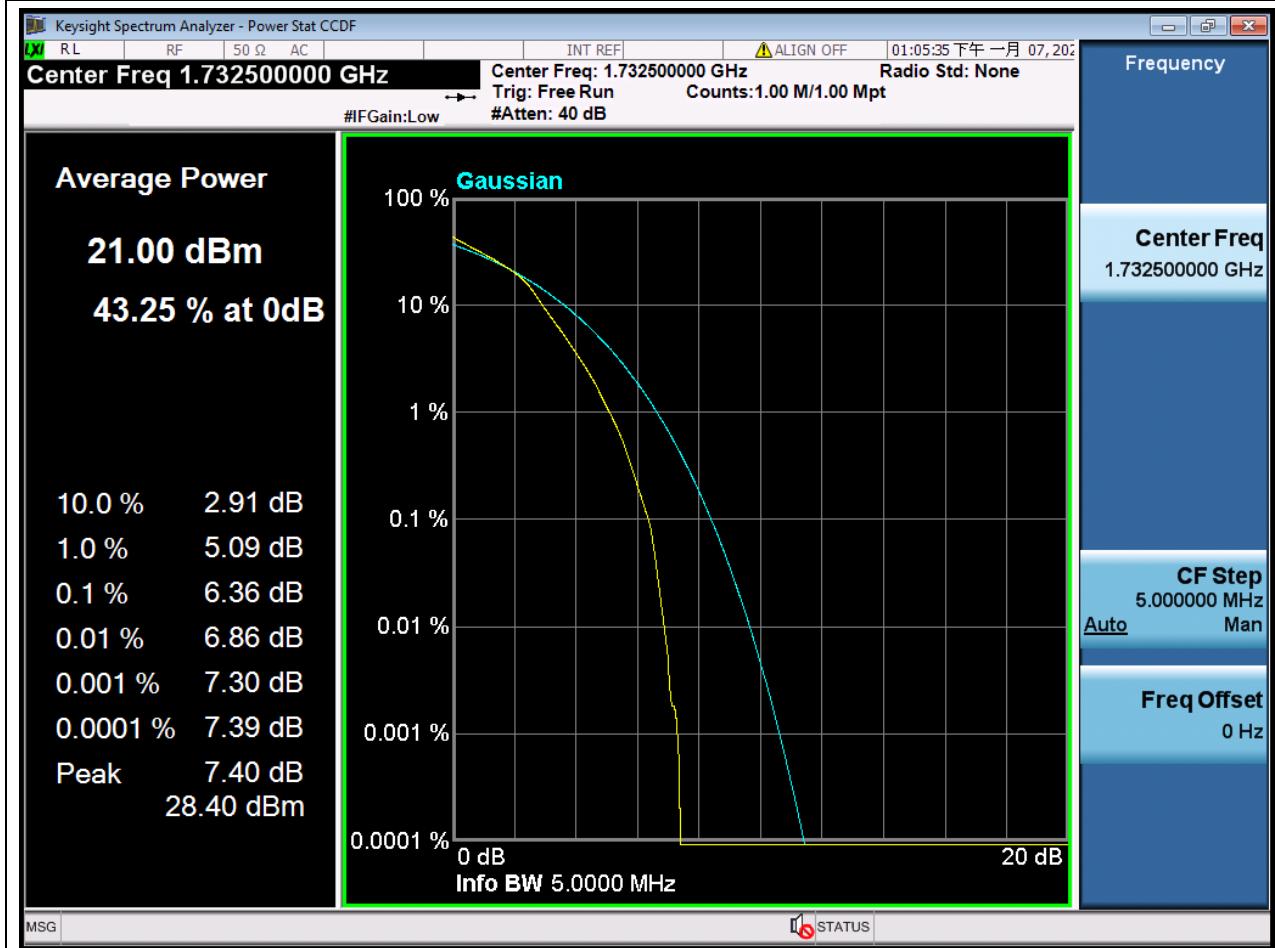
10.0 %	2.91 dB
1.0 %	5.11 dB
0.1 %	6.29 dB
0.01 %	6.72 dB
0.001 %	7.08 dB
0.0001 %	7.22 dB
Peak	7.22 dB
	28.28 dBm

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

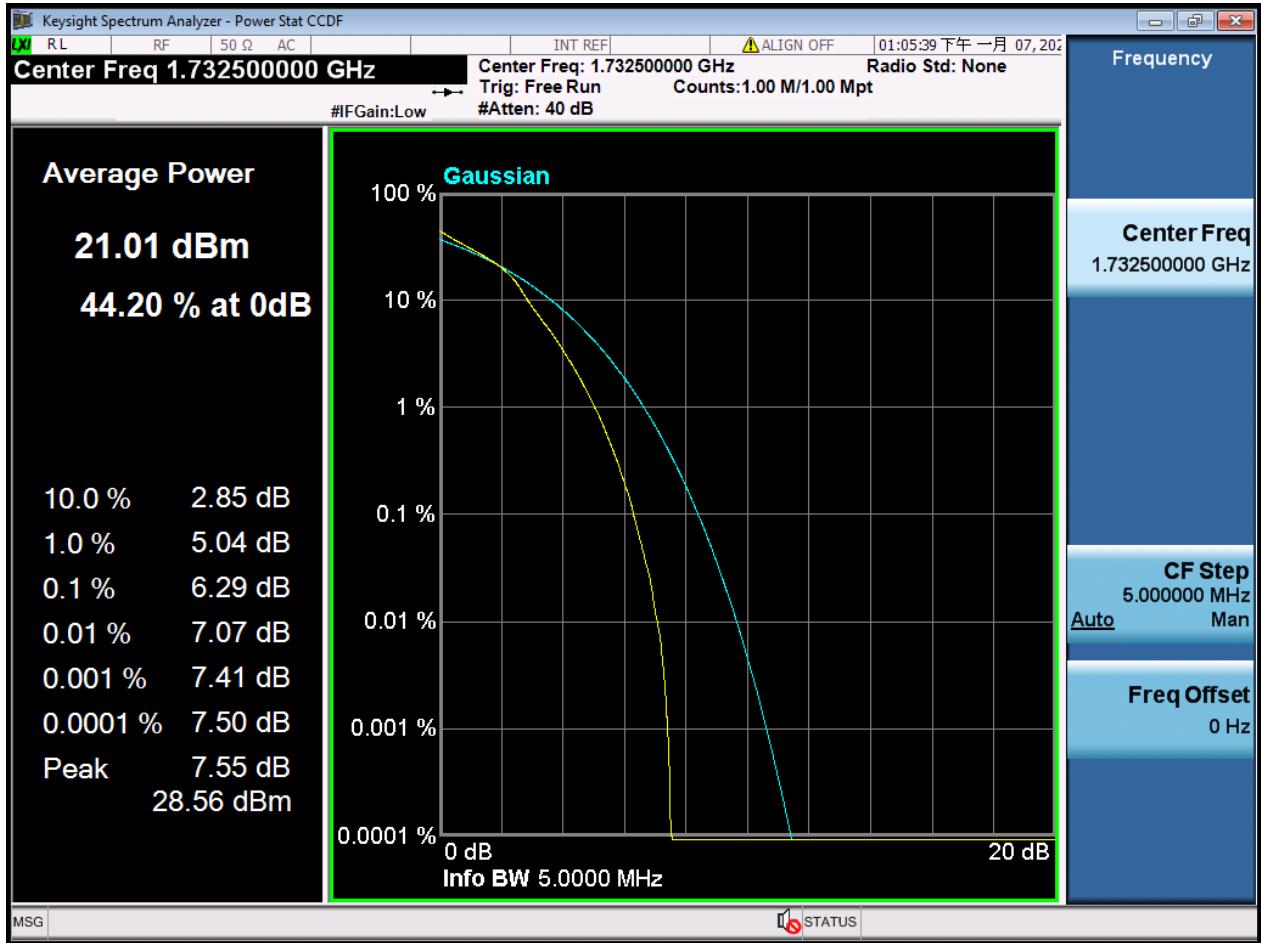
1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

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



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	6.29	13	Pass



Average Power
21.01 dBm
44.20 % at 0dB

10.0 %	2.85 dB
1.0 %	5.04 dB
0.1 %	6.29 dB
0.01 %	7.07 dB
0.001 %	7.41 dB
0.0001 %	7.50 dB
Peak	7.55 dB
	28.56 dBm

Gaussian

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

0 dB Info BW 5.0000 MHz 20 dB

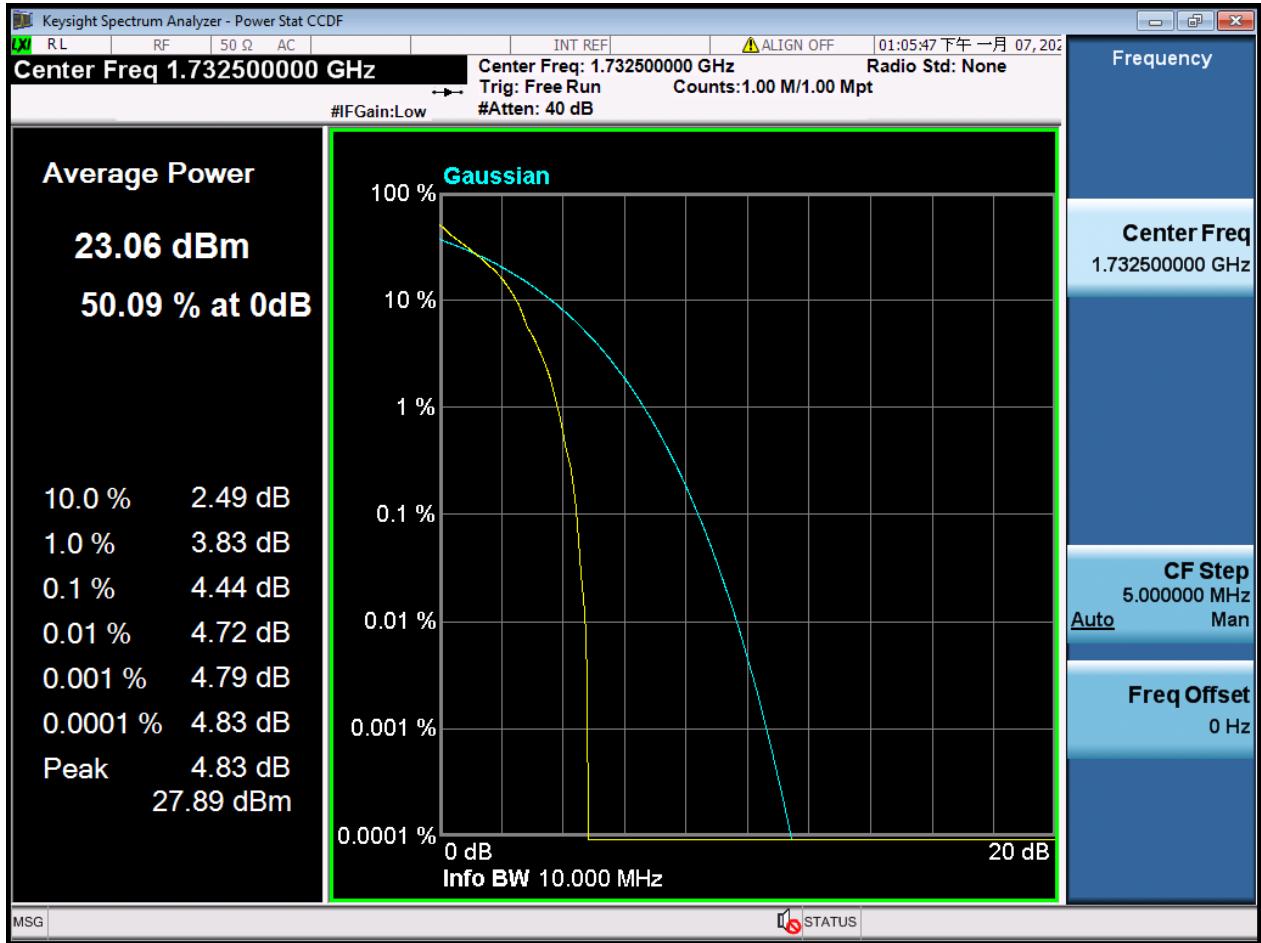
Center Freq
1.732500000 GHz

CF Step
5.000000 MHz
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	4.44	13	Pass

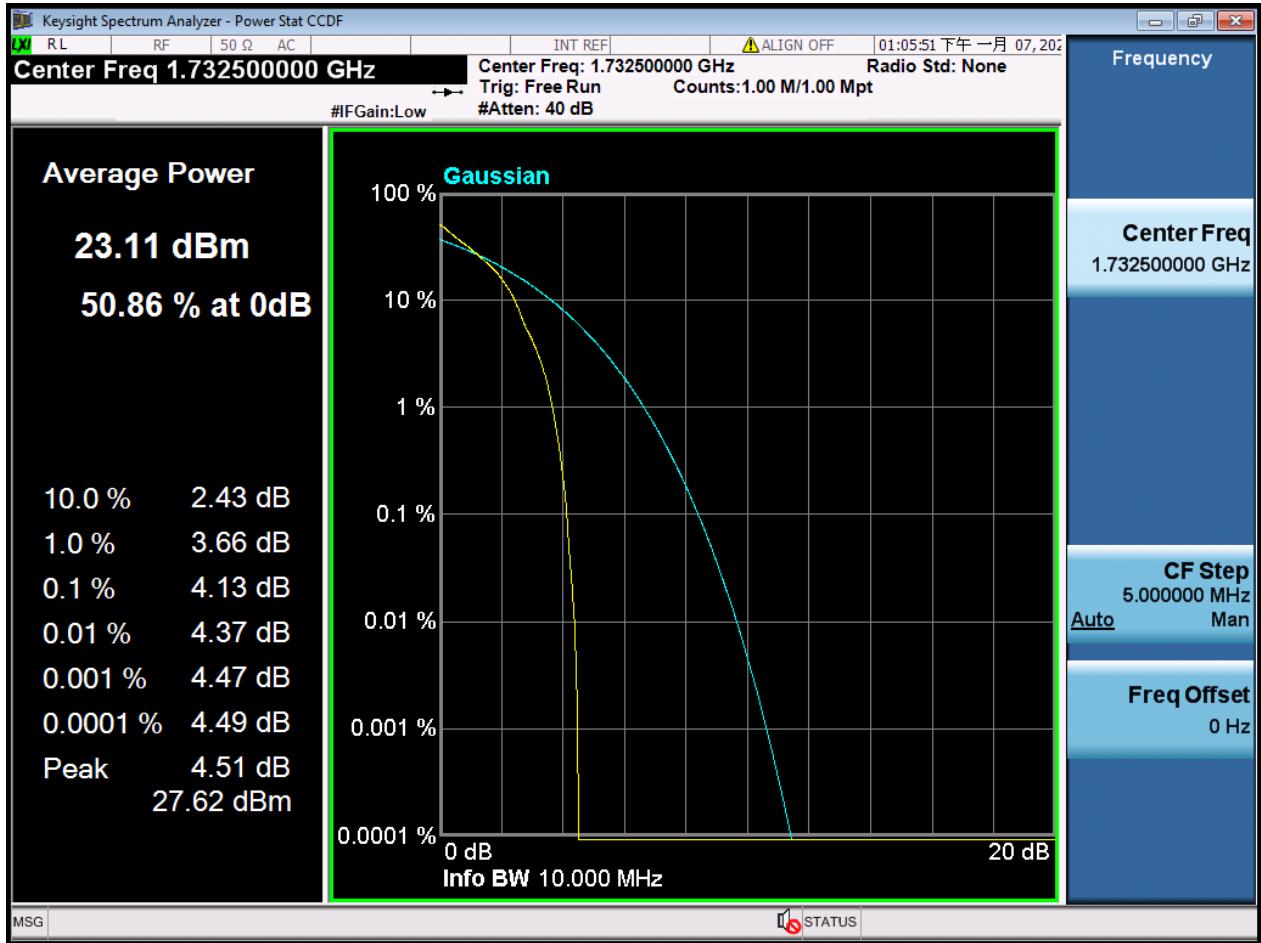


Average Power
23.06 dBm
50.09 % at 0dB

10.0 %	2.49 dB
1.0 %	3.83 dB
0.1 %	4.44 dB
0.01 %	4.72 dB
0.001 %	4.79 dB
0.0001 %	4.83 dB
Peak	4.83 dB
	27.89 dBm

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	4.13	13	Pass



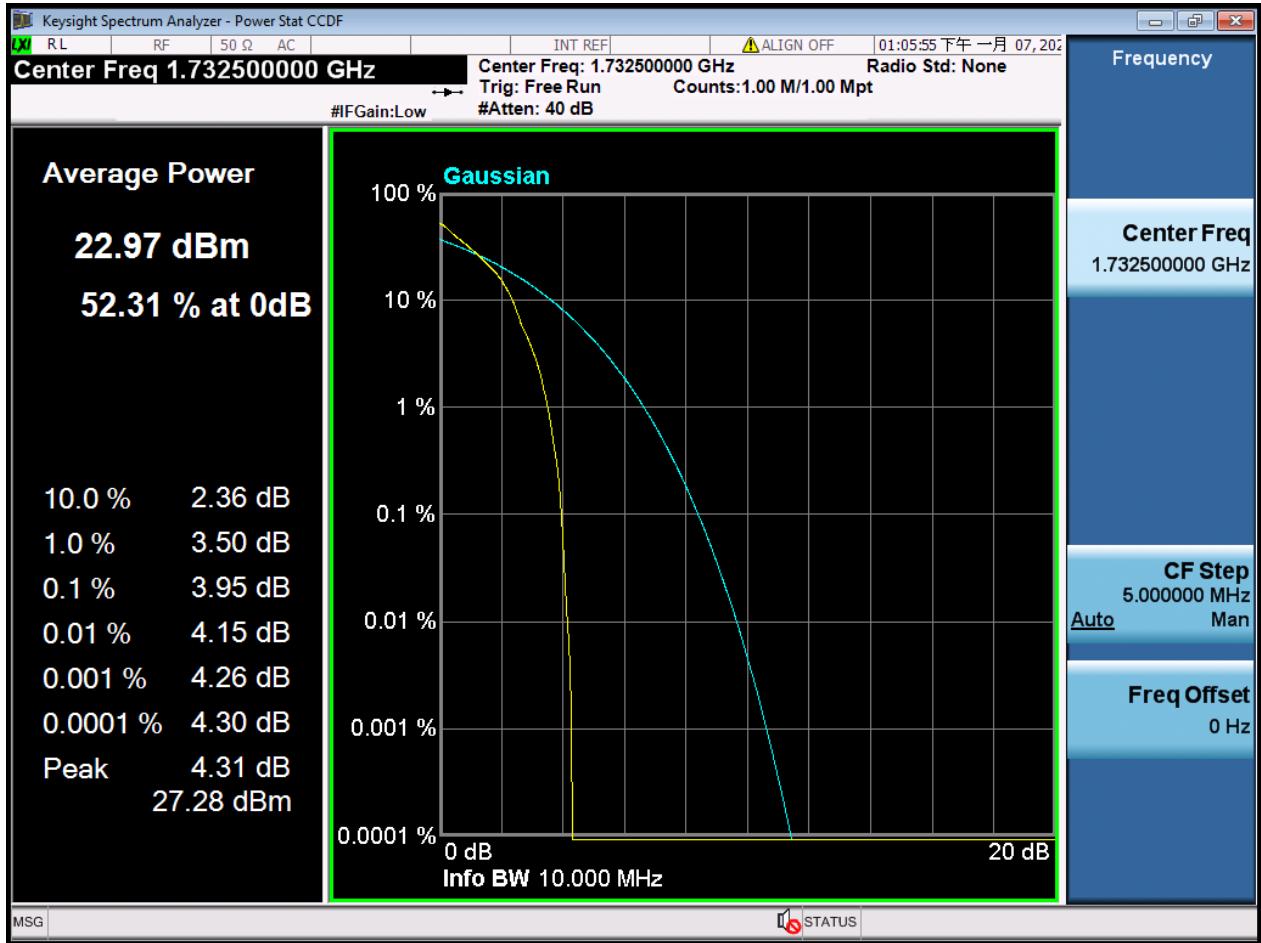
Average Power
23.11 dBm
50.86 % at 0dB

10.0 %	2.43 dB
1.0 %	3.66 dB
0.1 %	4.13 dB
0.01 %	4.37 dB
0.001 %	4.47 dB
0.0001 %	4.49 dB
Peak	4.51 dB
	27.62 dBm

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	3.95	13	Pass



Average Power
22.97 dBm
52.31 % at 0dB

10.0 %	2.36 dB
1.0 %	3.50 dB
0.1 %	3.95 dB
0.01 %	4.15 dB
0.001 %	4.26 dB
0.0001 %	4.30 dB
Peak	4.31 dB
	27.28 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 %

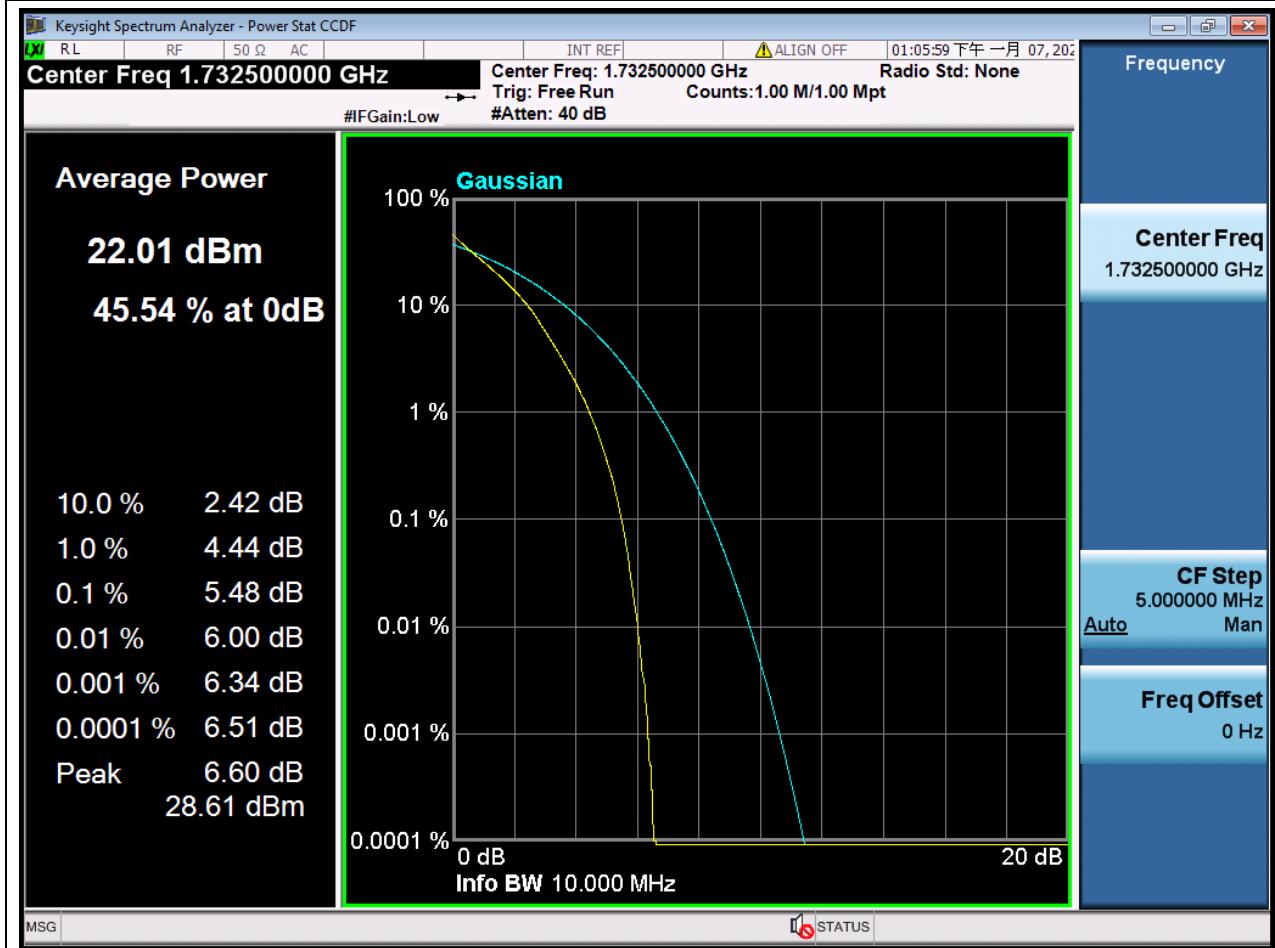
0 dB 20 dB

Info BW 10.000 MHz

MSG STATUS

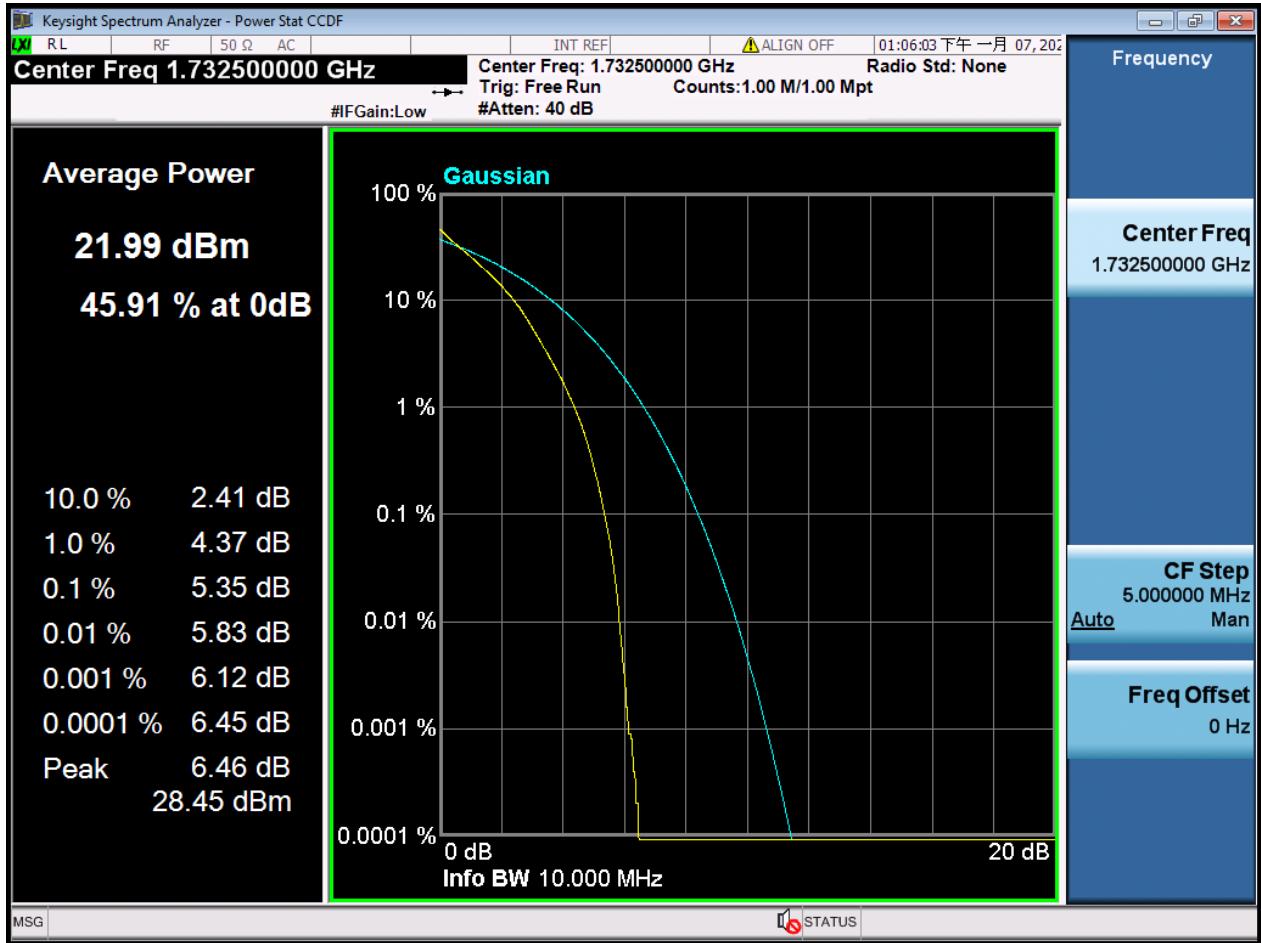
1.46. LTE Peak to Average Ratio(NTNV)(Subtest:46, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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



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	5.35	13	Pass



Average Power
21.99 dBm
45.91 % at 0dB

10.0 %	2.41 dB
1.0 %	4.37 dB
0.1 %	5.35 dB
0.01 %	5.83 dB
0.001 %	6.12 dB
0.0001 %	6.45 dB
Peak	6.46 dB
	28.45 dBm

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

Gaussian

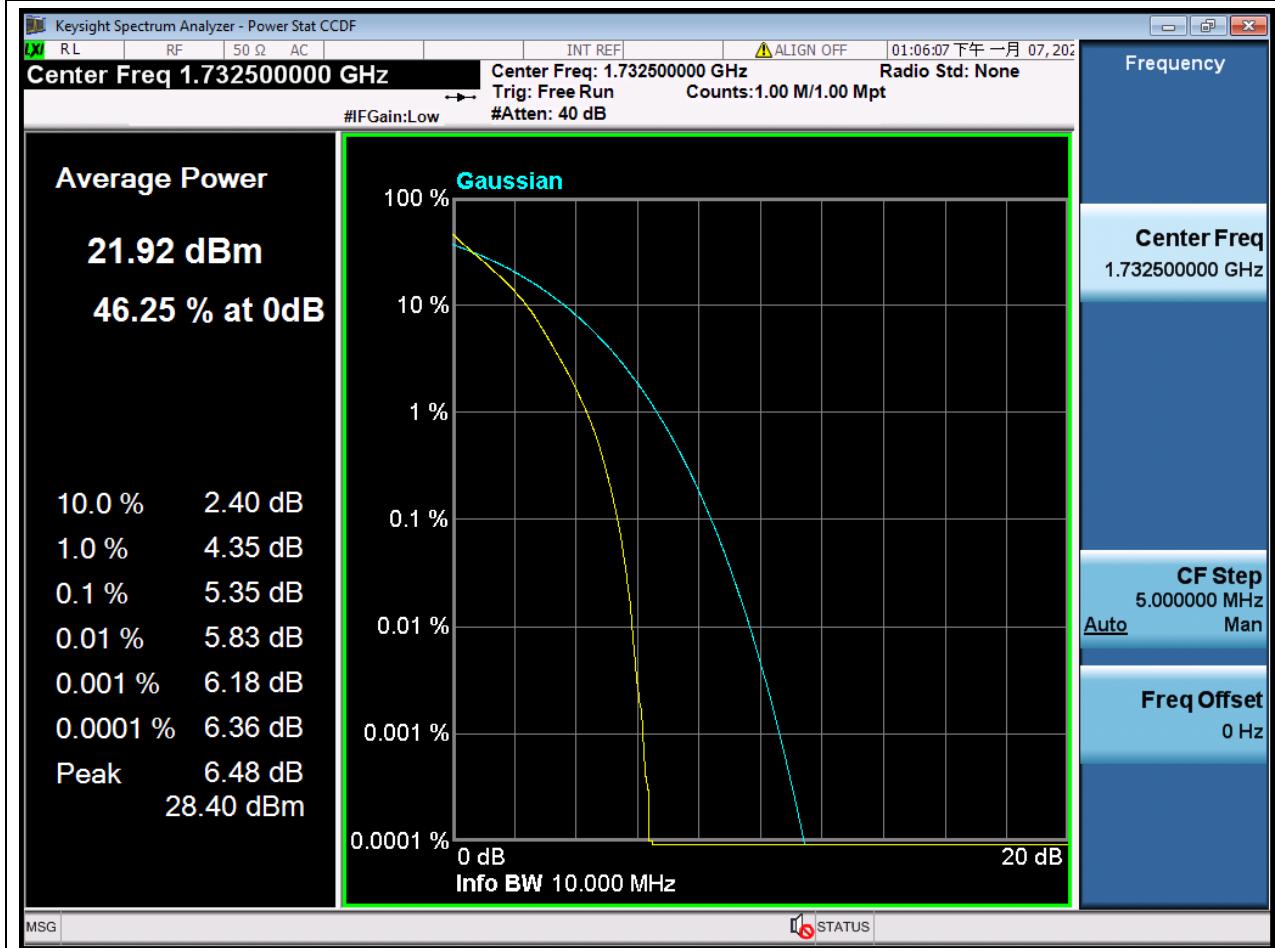
0 dB 20 dB

Info BW 10.000 MHz

MSG STATUS

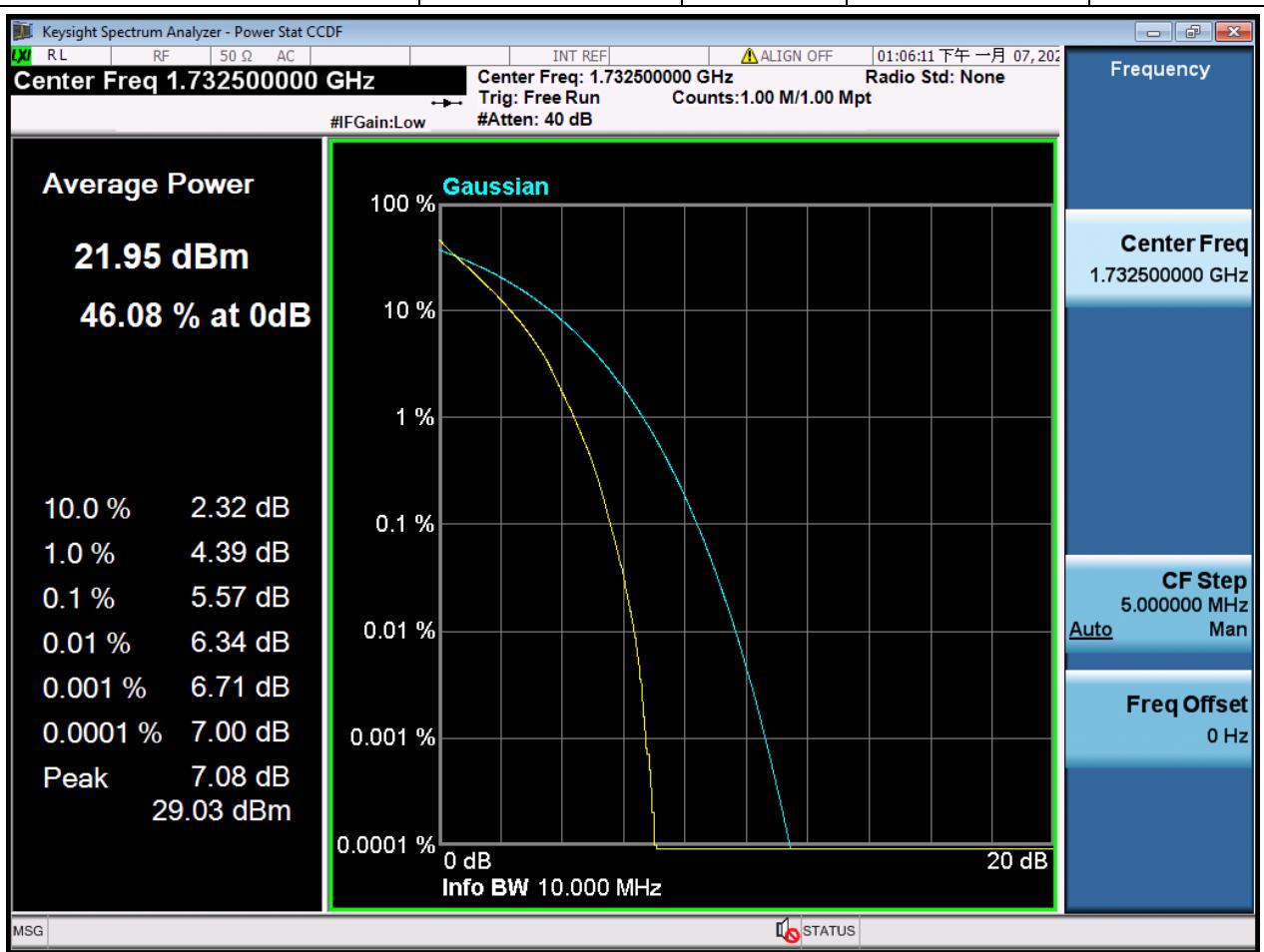
1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.35	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	5.57	13	Pass

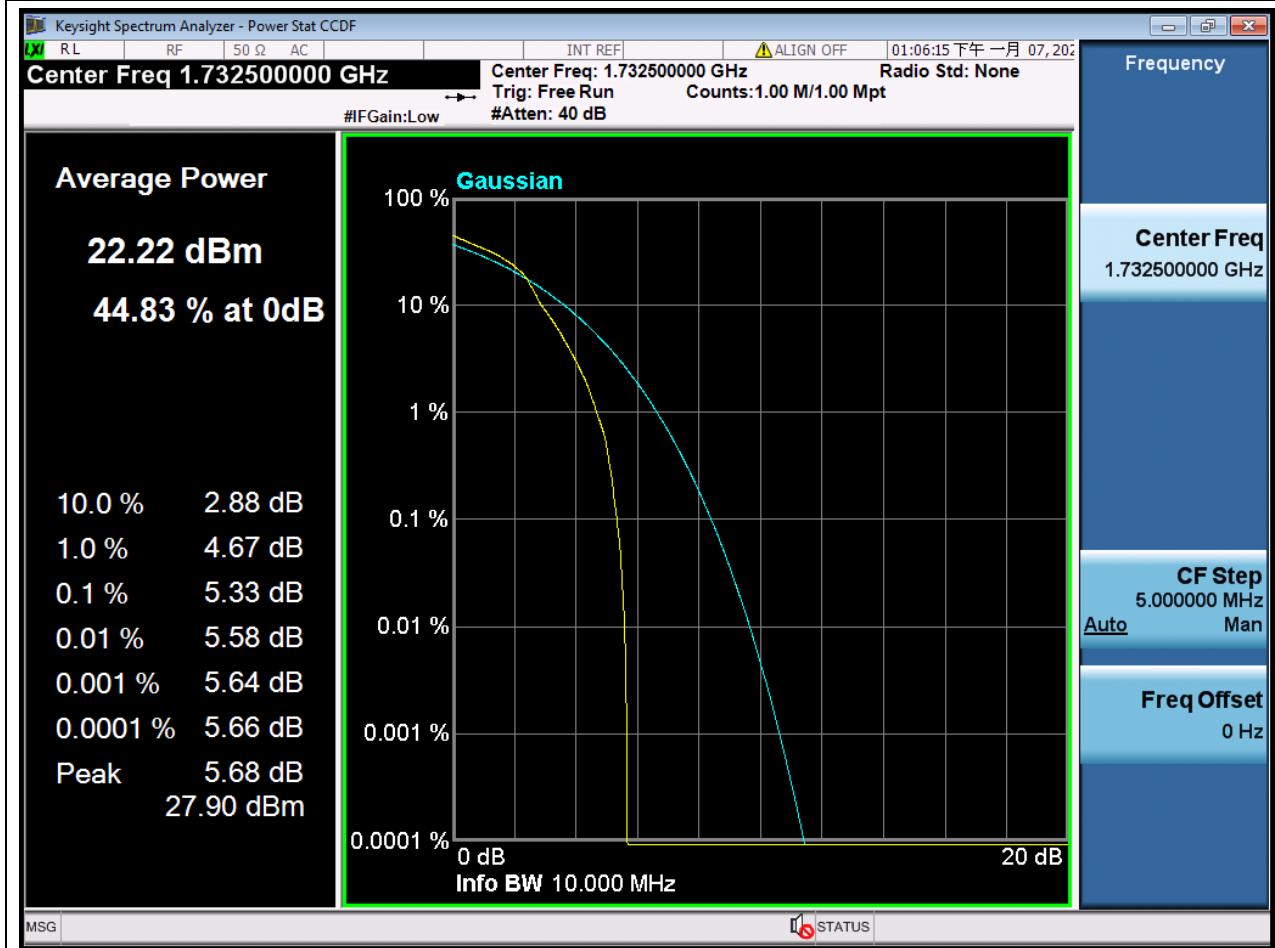


Average Power
21.95 dBm
46.08 % at 0dB

10.0 %	2.32 dB
1.0 %	4.39 dB
0.1 %	5.57 dB
0.01 %	6.34 dB
0.001 %	6.71 dB
0.0001 %	7.00 dB
Peak	7.08 dB
	29.03 dBm

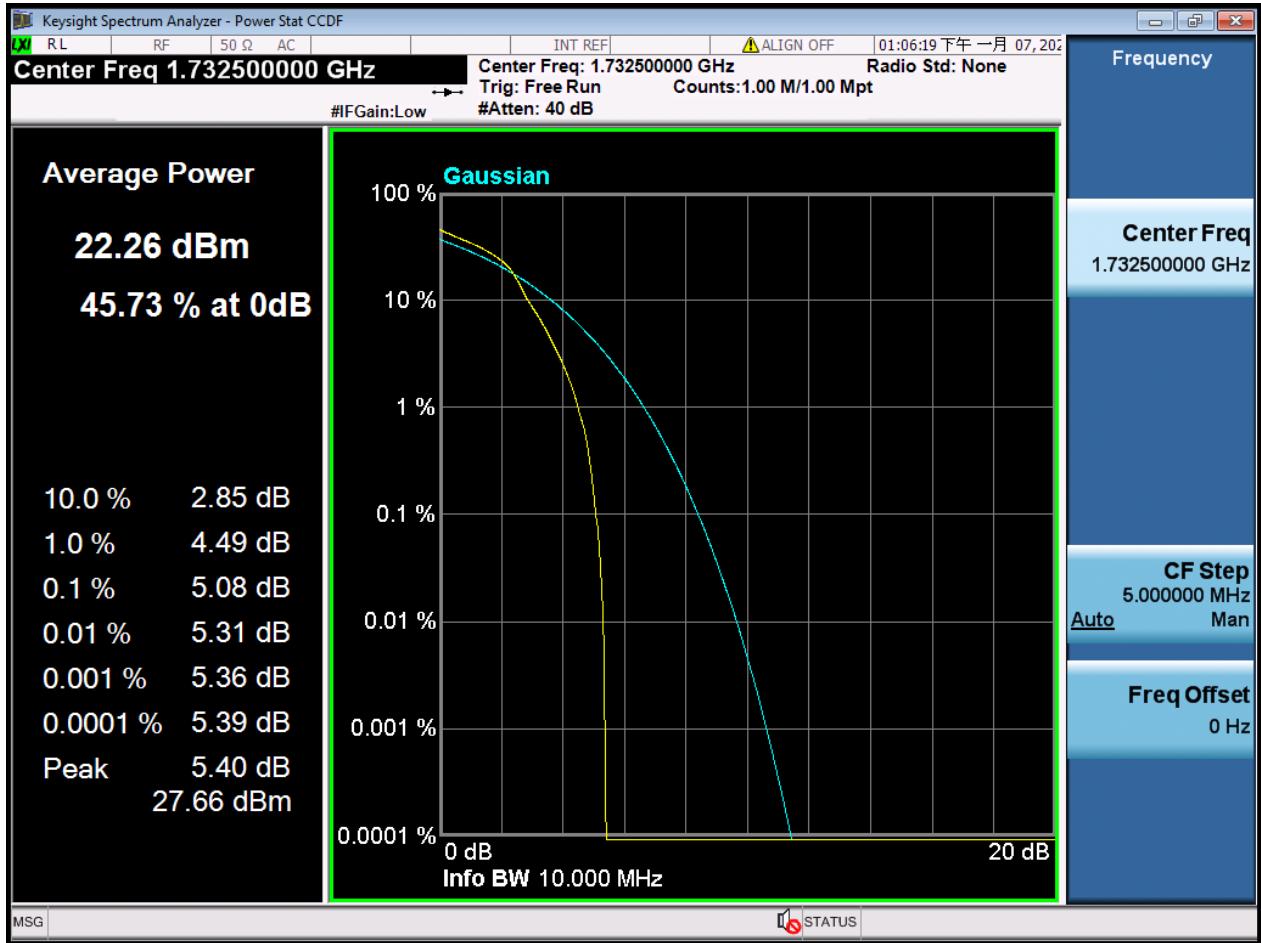
1.50. LTE Peak to Average Ratio(NTNV)(Subtest:50, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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	5.08	13	Pass



Average Power
22.26 dBm
45.73 % at 0dB

10.0 %	2.85 dB
1.0 %	4.49 dB
0.1 %	5.08 dB
0.01 %	5.31 dB
0.001 %	5.36 dB
0.0001 %	5.39 dB
Peak	5.40 dB
	27.66 dBm

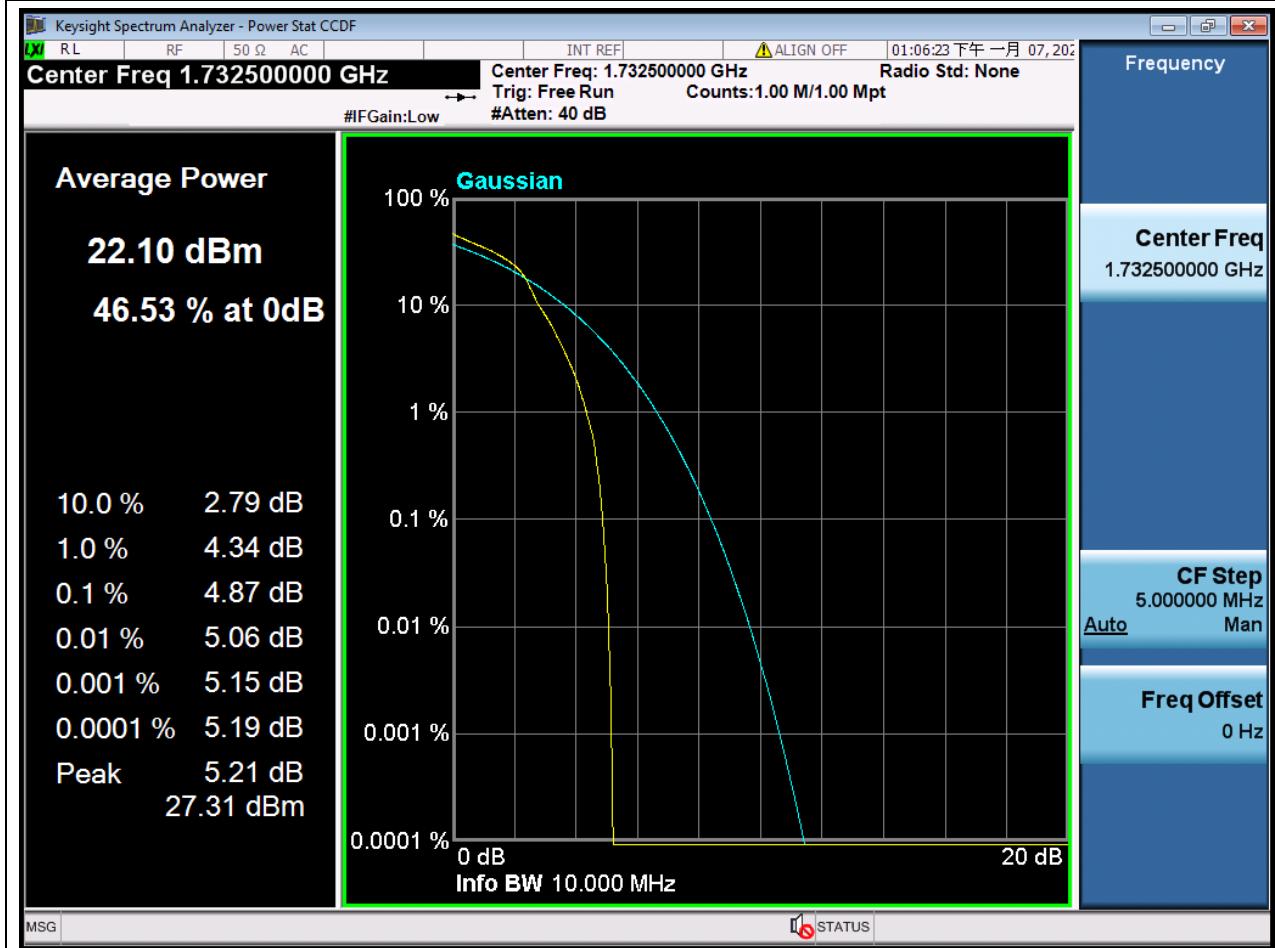
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

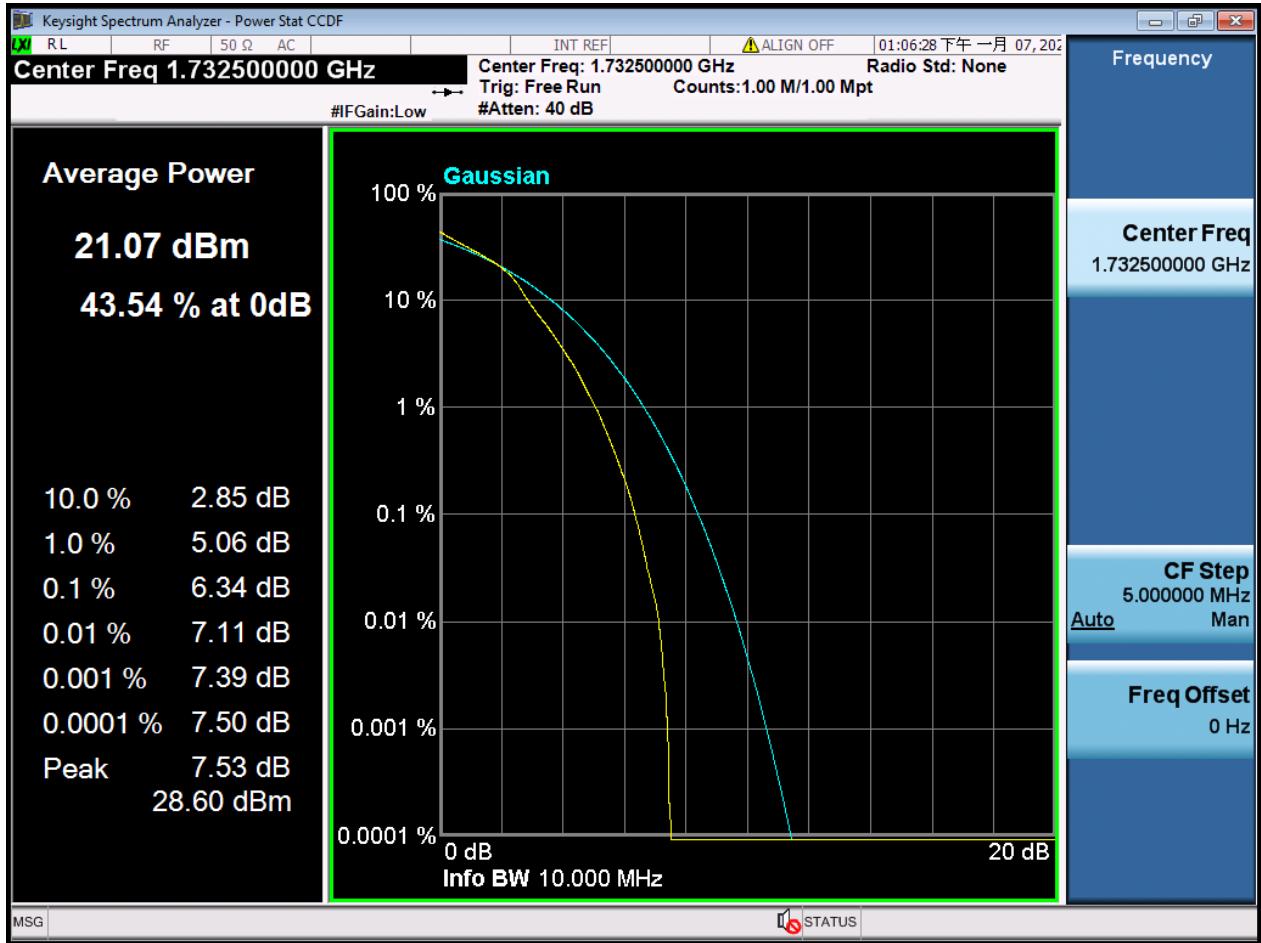
1.52. LTE Peak to Average Ratio(NTNV)(Subtest:52, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.87	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	6.34	13	Pass



Average Power
21.07 dBm
43.54 % at 0dB

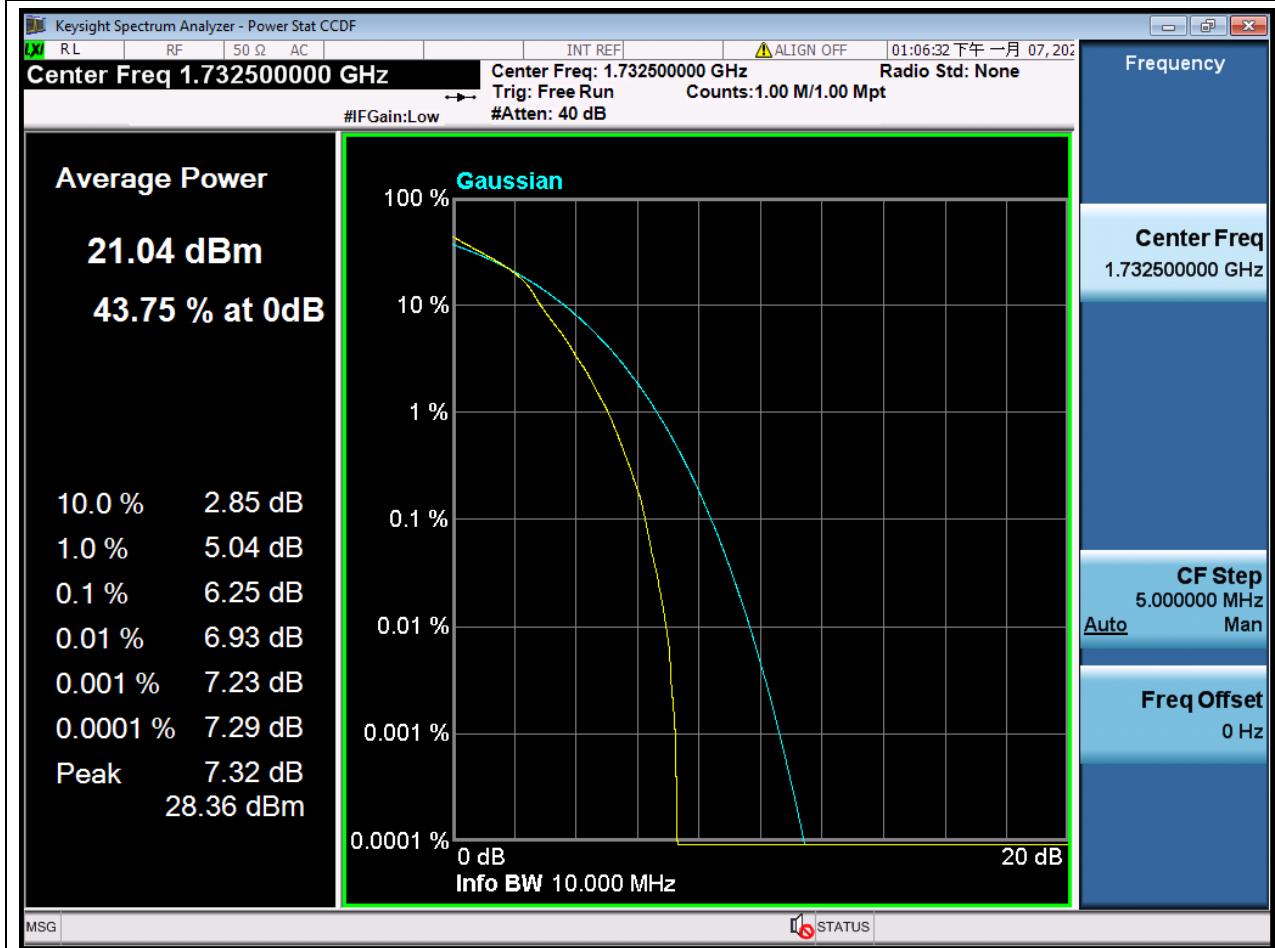
10.0 %	2.85 dB
1.0 %	5.06 dB
0.1 %	6.34 dB
0.01 %	7.11 dB
0.001 %	7.39 dB
0.0001 %	7.50 dB
Peak	7.53 dB
	28.60 dBm

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

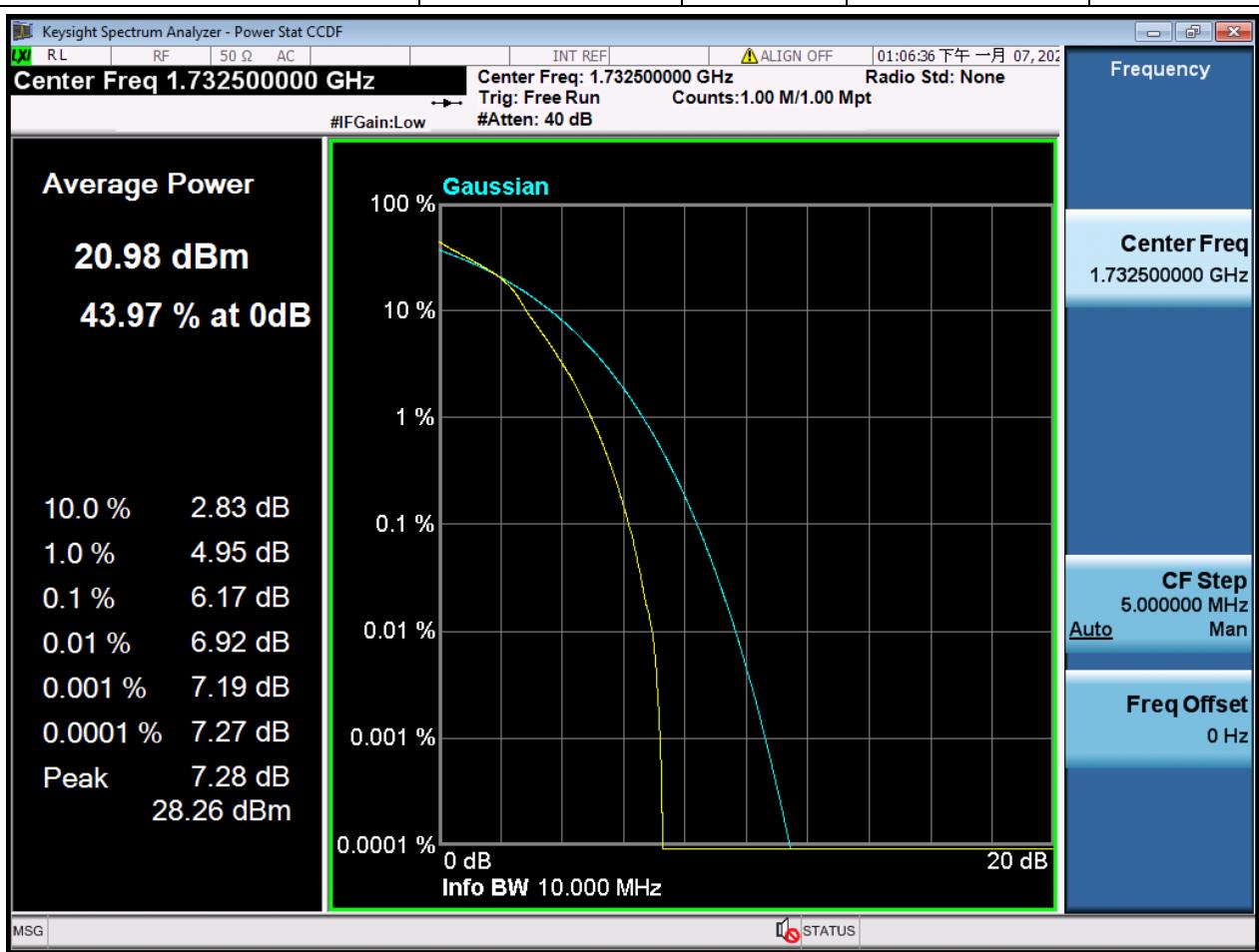
1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.25	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	6.17	13	Pass



Average Power
20.98 dBm
43.97 % at 0dB

10.0 %	2.83 dB
1.0 %	4.95 dB
0.1 %	6.17 dB
0.01 %	6.92 dB
0.001 %	7.19 dB
0.0001 %	7.27 dB
Peak	7.28 dB
	28.26 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

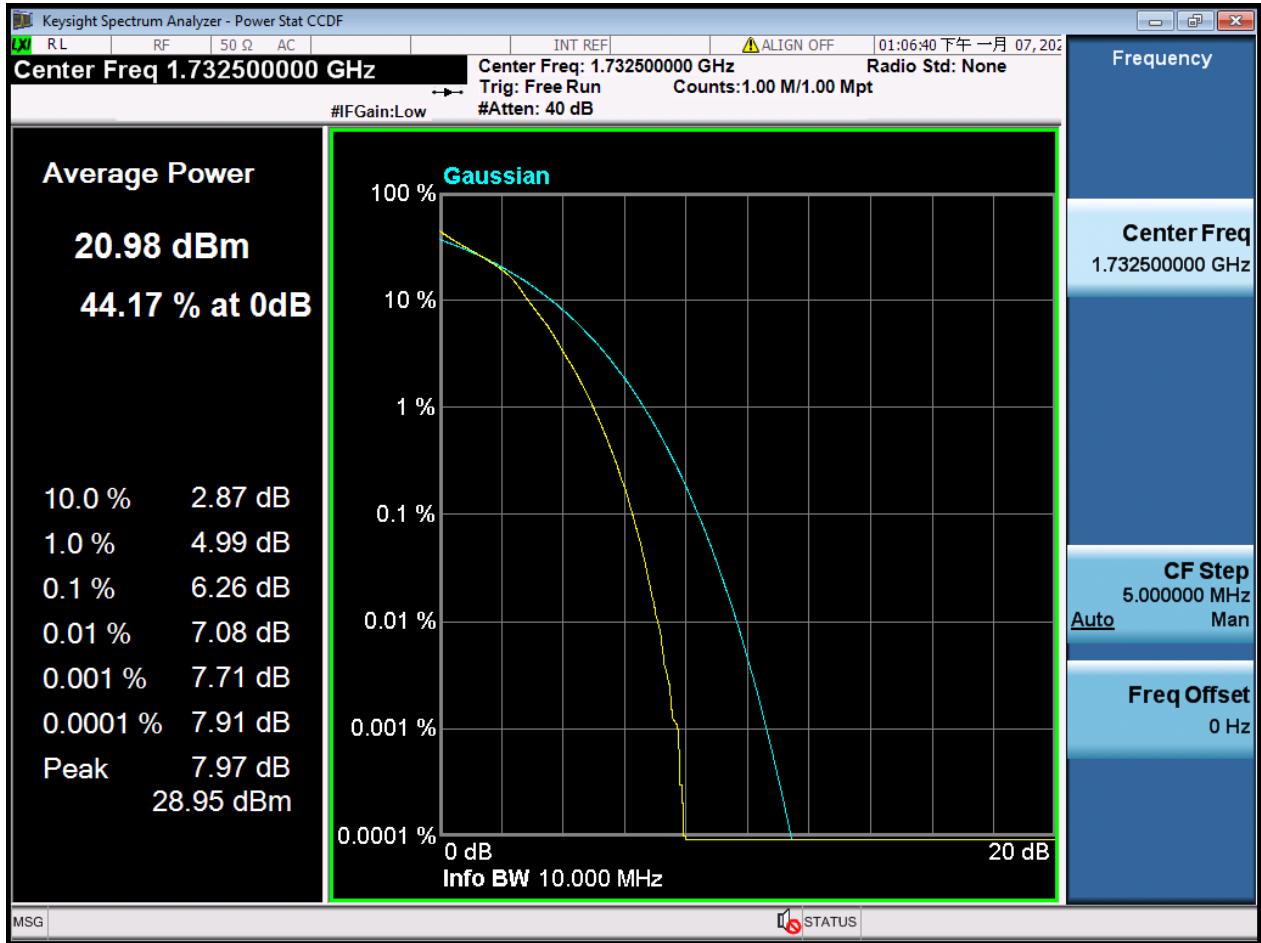
CF Step 5.000000 MHz Man
Auto

Freq Offset 0 Hz

MSG STATUS

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	6.26	13	Pass



Average Power
20.98 dBm
44.17 % at 0dB

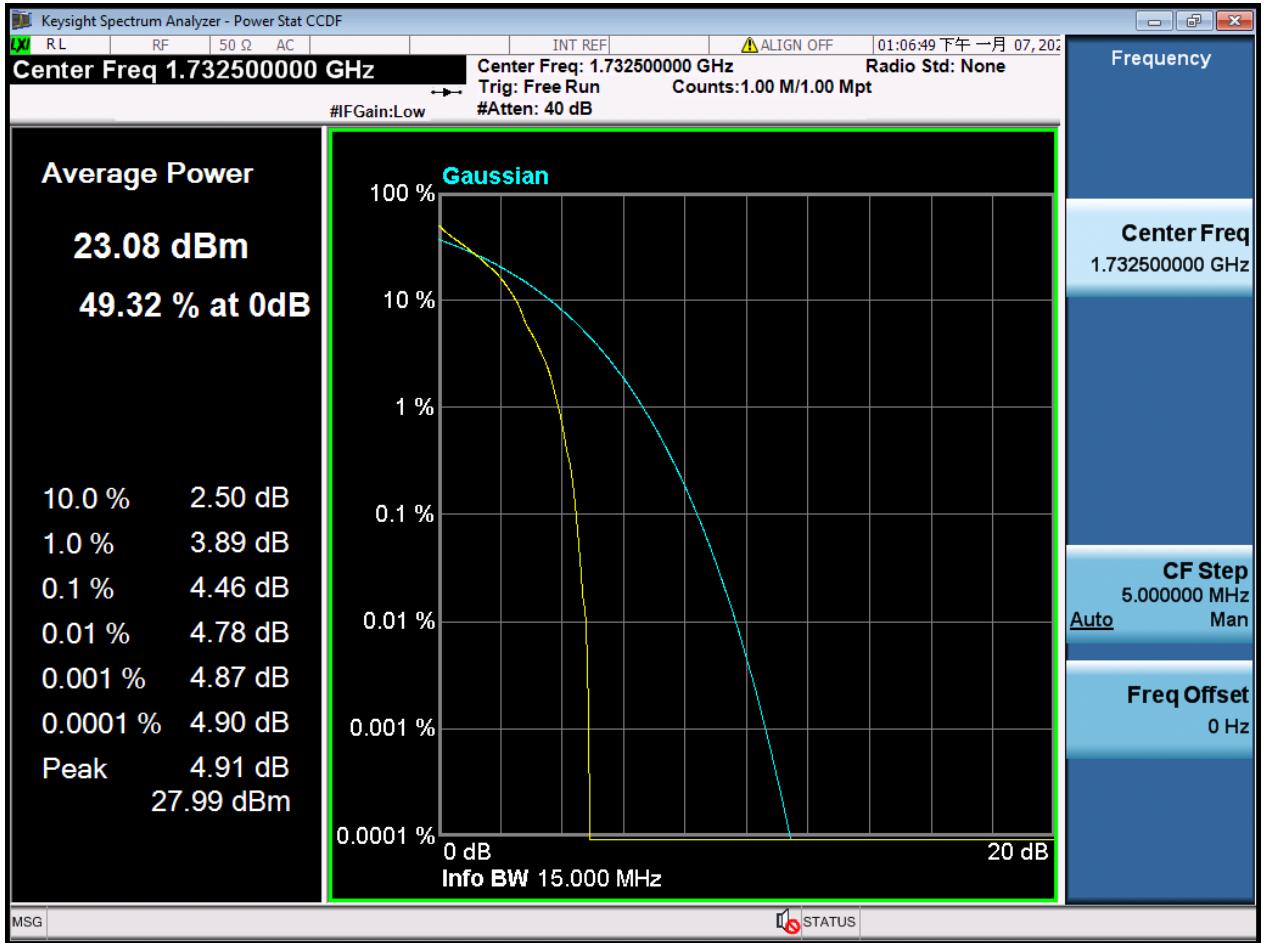
10.0 %	2.87 dB
1.0 %	4.99 dB
0.1 %	6.26 dB
0.01 %	7.08 dB
0.001 %	7.71 dB
0.0001 %	7.91 dB
Peak	7.97 dB
	28.95 dBm

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

1.57. 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	4.46	13	Pass



Average Power
23.08 dBm
49.32 % at 0dB

10.0 %	2.50 dB
1.0 %	3.89 dB
0.1 %	4.46 dB
0.01 %	4.78 dB
0.001 %	4.87 dB
0.0001 %	4.90 dB
Peak	4.91 dB
	27.99 dBm

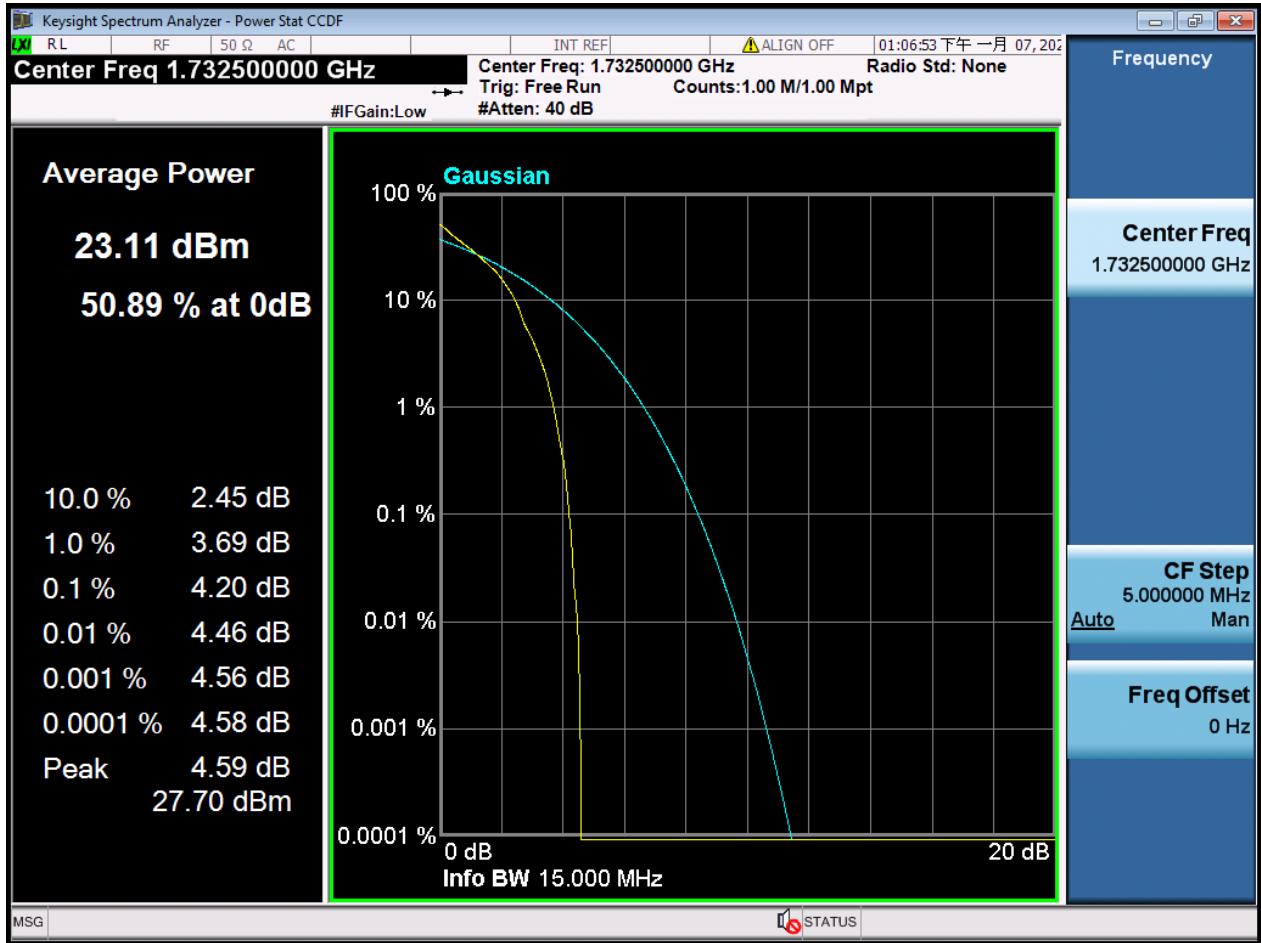
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
 Trig: Free Run Counts: 1.00 M/1.00 Mpt
 #IFGain:Low #Atten: 40 dB

Frequency
 CF Step 5.000000 MHz Man
 Freq Offset 0 Hz

MSG STATUS

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	4.2	13	Pass



Average Power
23.11 dBm
50.89 % at 0dB

10.0 %	2.45 dB
1.0 %	3.69 dB
0.1 %	4.20 dB
0.01 %	4.46 dB
0.001 %	4.56 dB
0.0001 %	4.58 dB
Peak	4.59 dB
	27.70 dBm

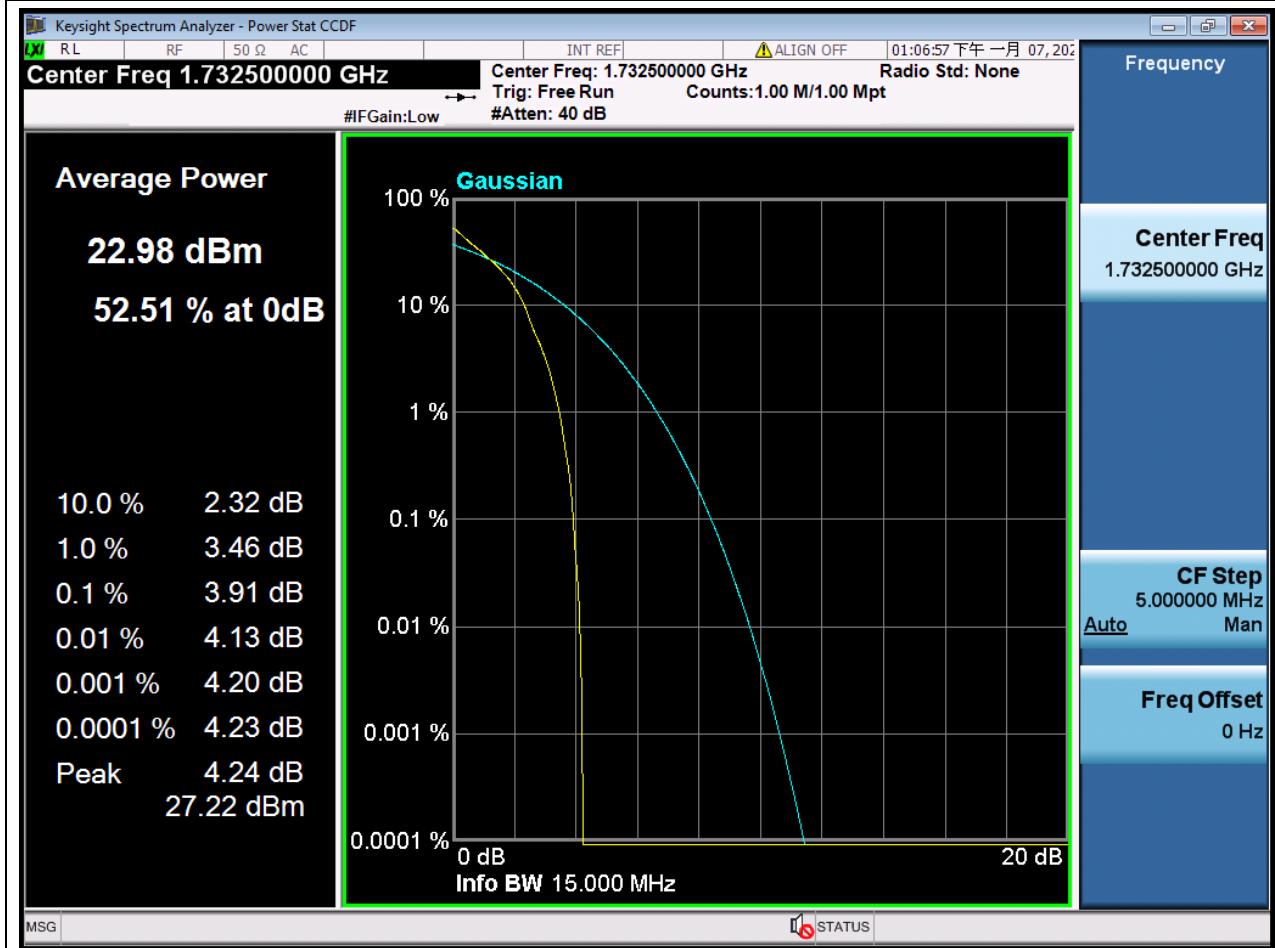
Center Freq
1.732500000 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

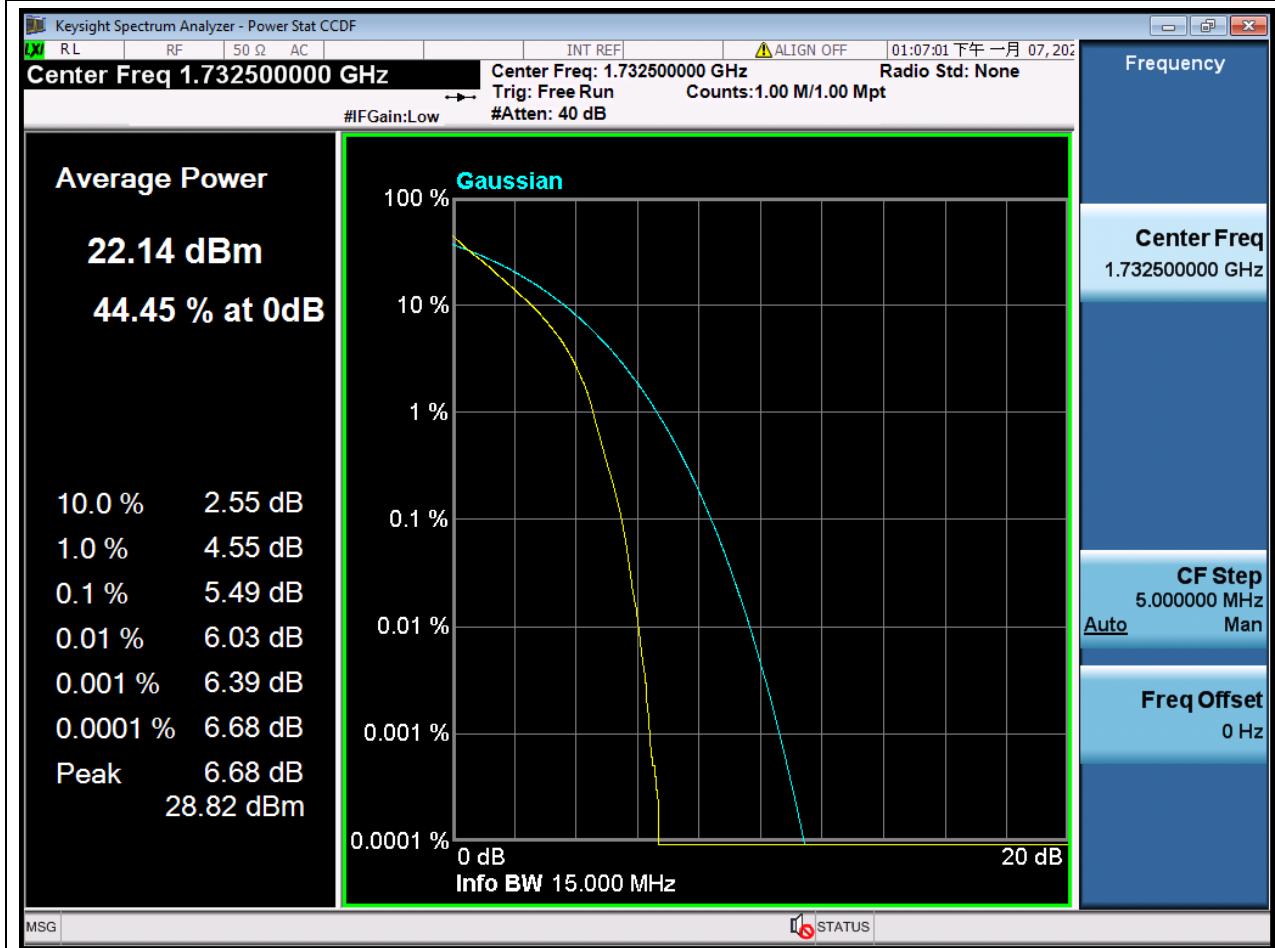
1.59. LTE Peak to Average Ratio(NTNV)(Subtest:59, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	3.91	13	Pass



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	5.49	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	5.34	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

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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 22.12 dBm
44.68 % at 0dB

10.0 % 2.54 dB
1.0 % 4.47 dB
0.1 % 5.34 dB
0.01 % 5.83 dB
0.001 % 6.12 dB
0.0001 % 6.33 dB
Peak 6.38 dB
28.50 dBm

Gaussian



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

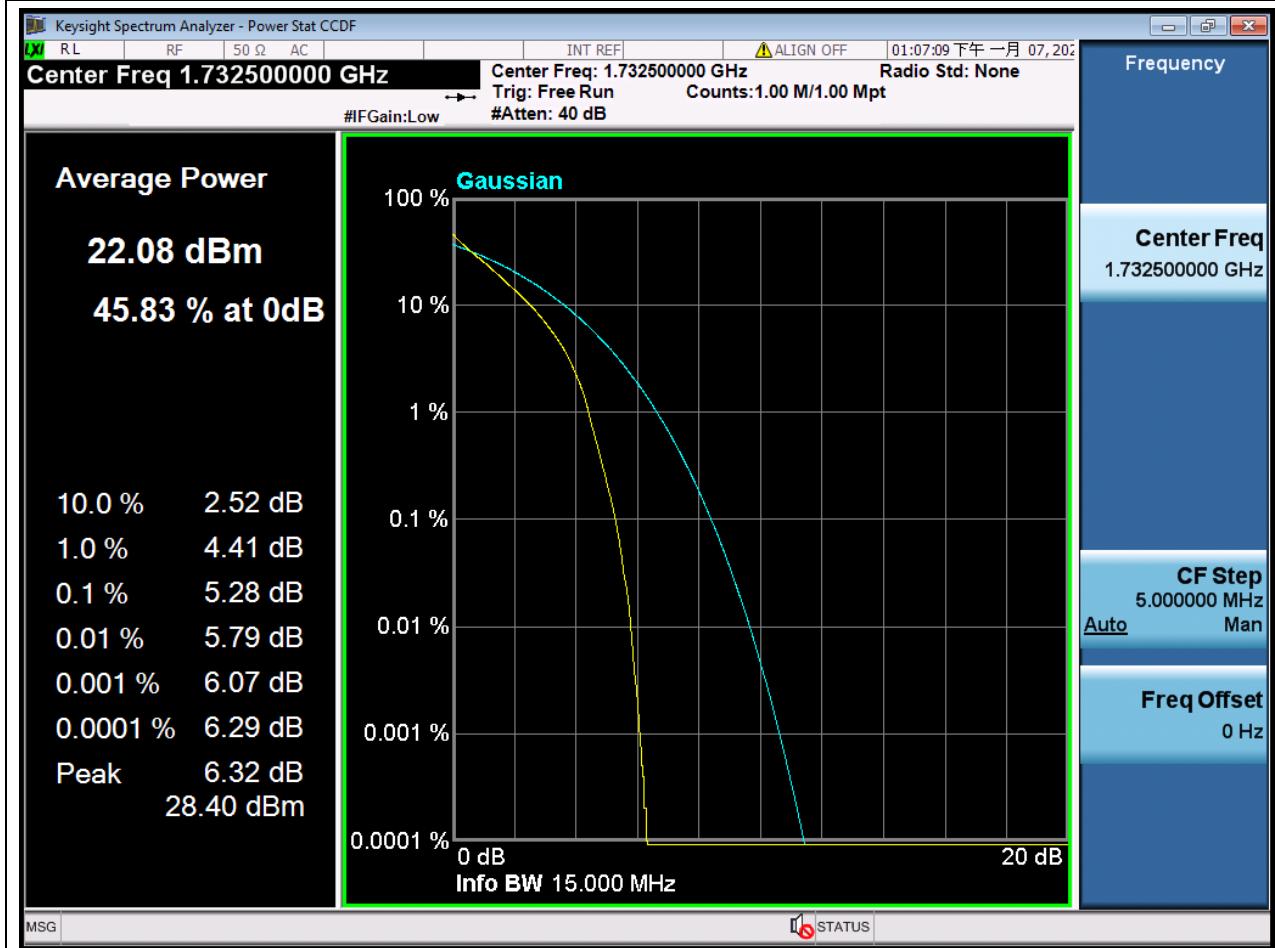
0 dB 20 dB Info BW 15.000 MHz

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

MSG STATUS

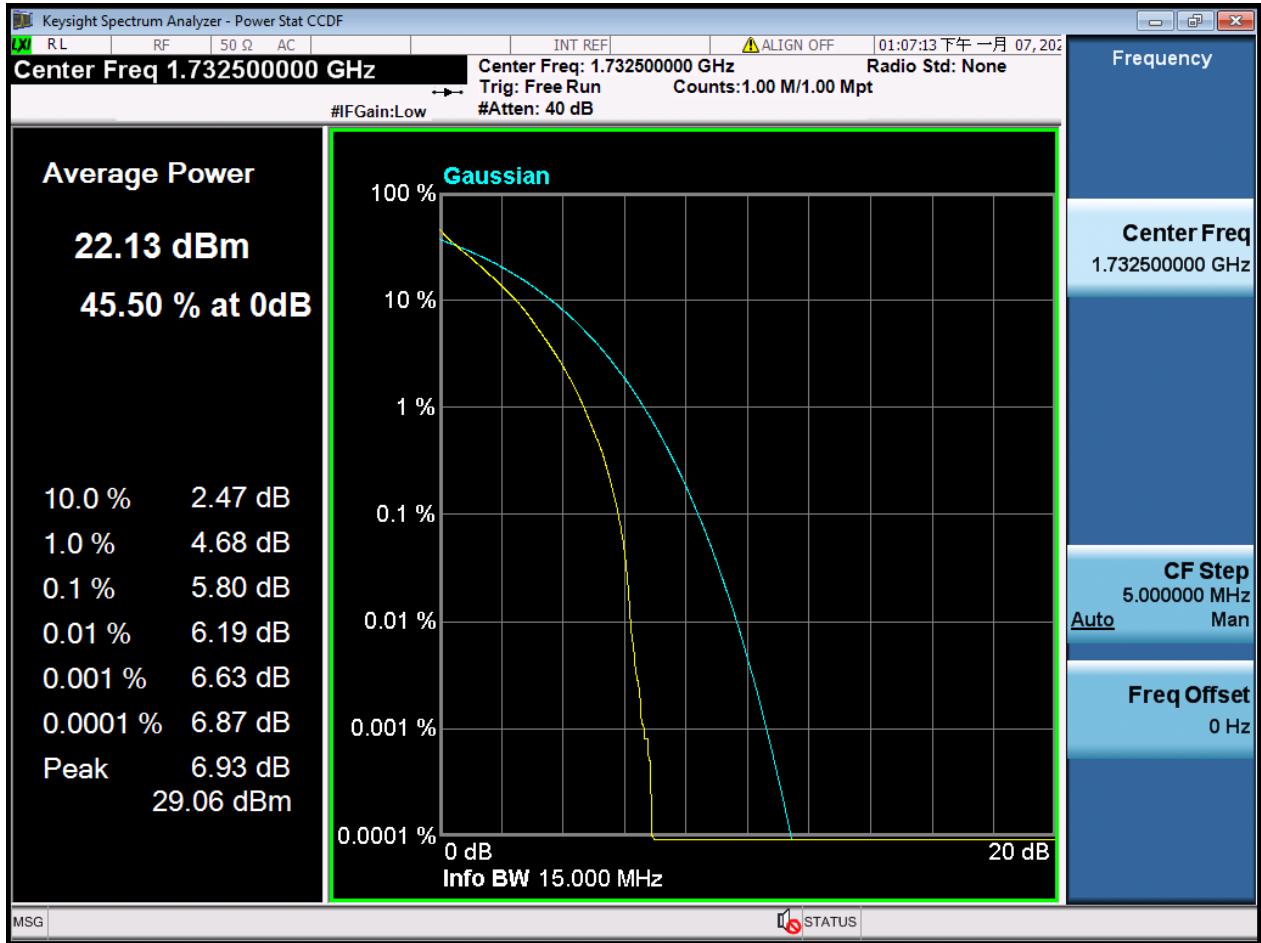
1.62. LTE Peak to Average Ratio(NTNV)(Subtest:62, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.28	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	5.8	13	Pass



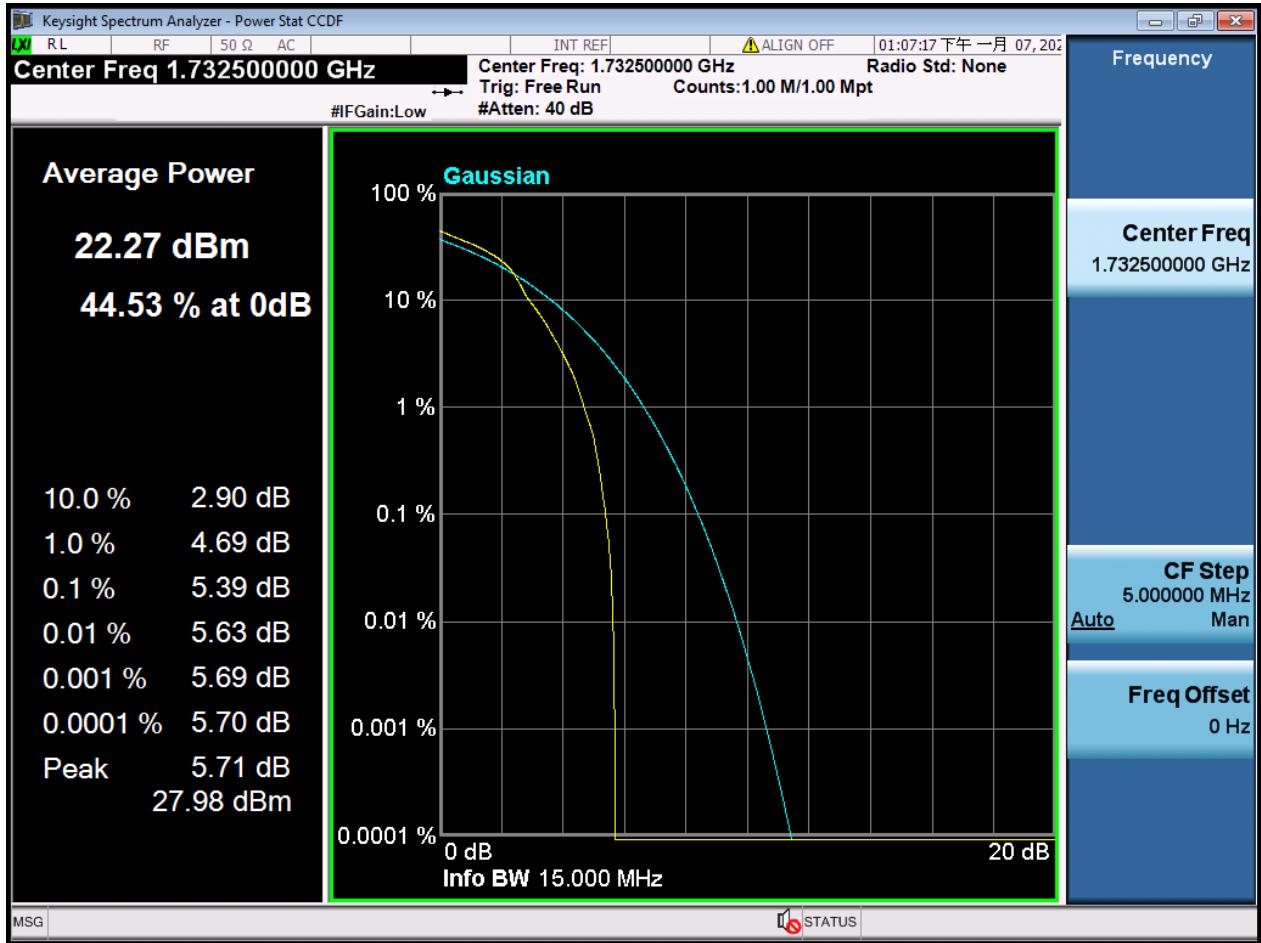
Average Power
22.13 dBm
45.50 % at 0dB

10.0 %	2.47 dB
1.0 %	4.68 dB
0.1 %	5.80 dB
0.01 %	6.19 dB
0.001 %	6.63 dB
0.0001 %	6.87 dB
Peak	6.93 dB
	29.06 dBm

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	5.39	13	Pass



Average Power
22.27 dBm
44.53 % at 0dB

10.0 %	2.90 dB
1.0 %	4.69 dB
0.1 %	5.39 dB
0.01 %	5.63 dB
0.001 %	5.69 dB
0.0001 %	5.70 dB
Peak	5.71 dB
	27.98 dBm

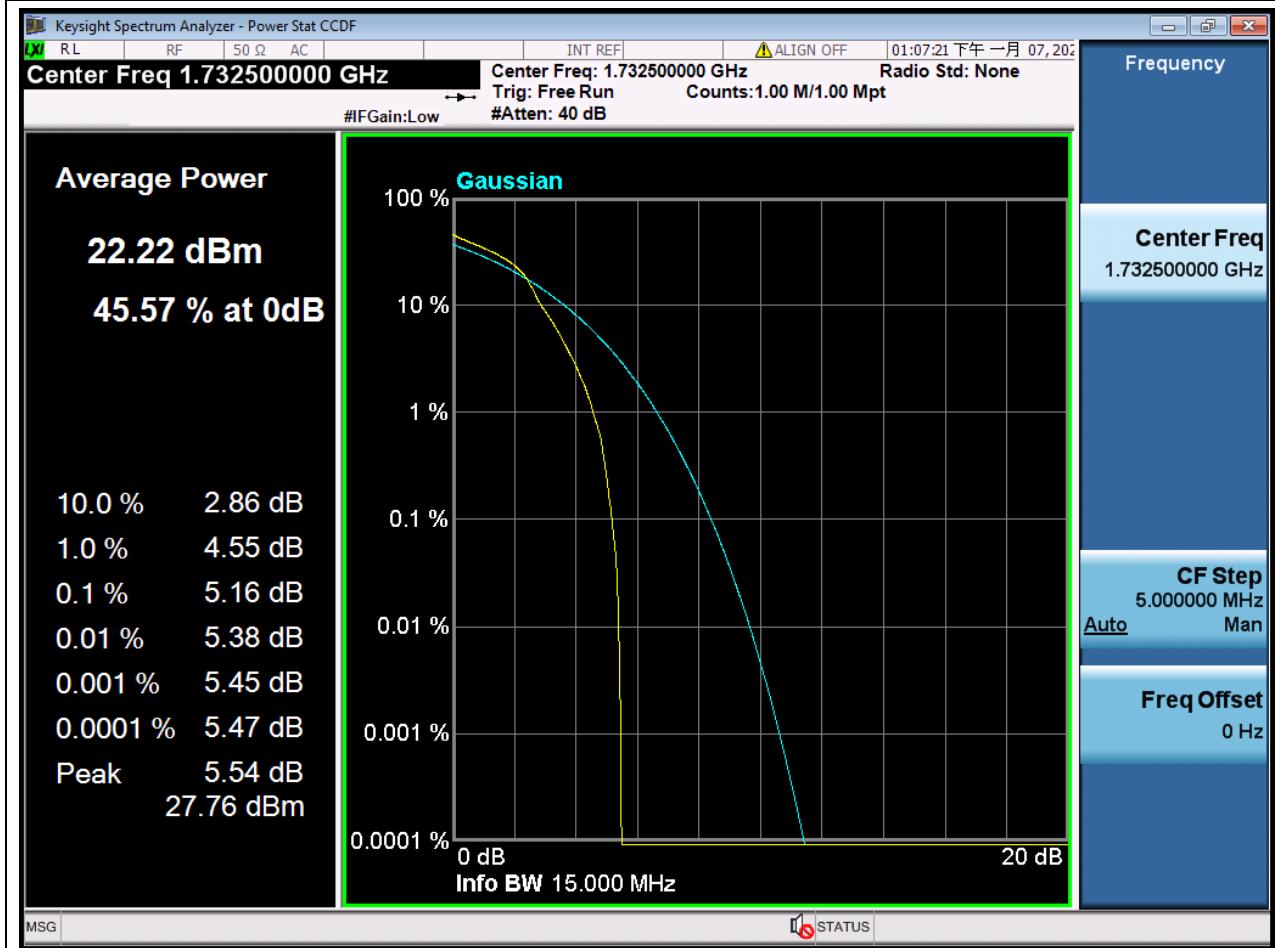
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

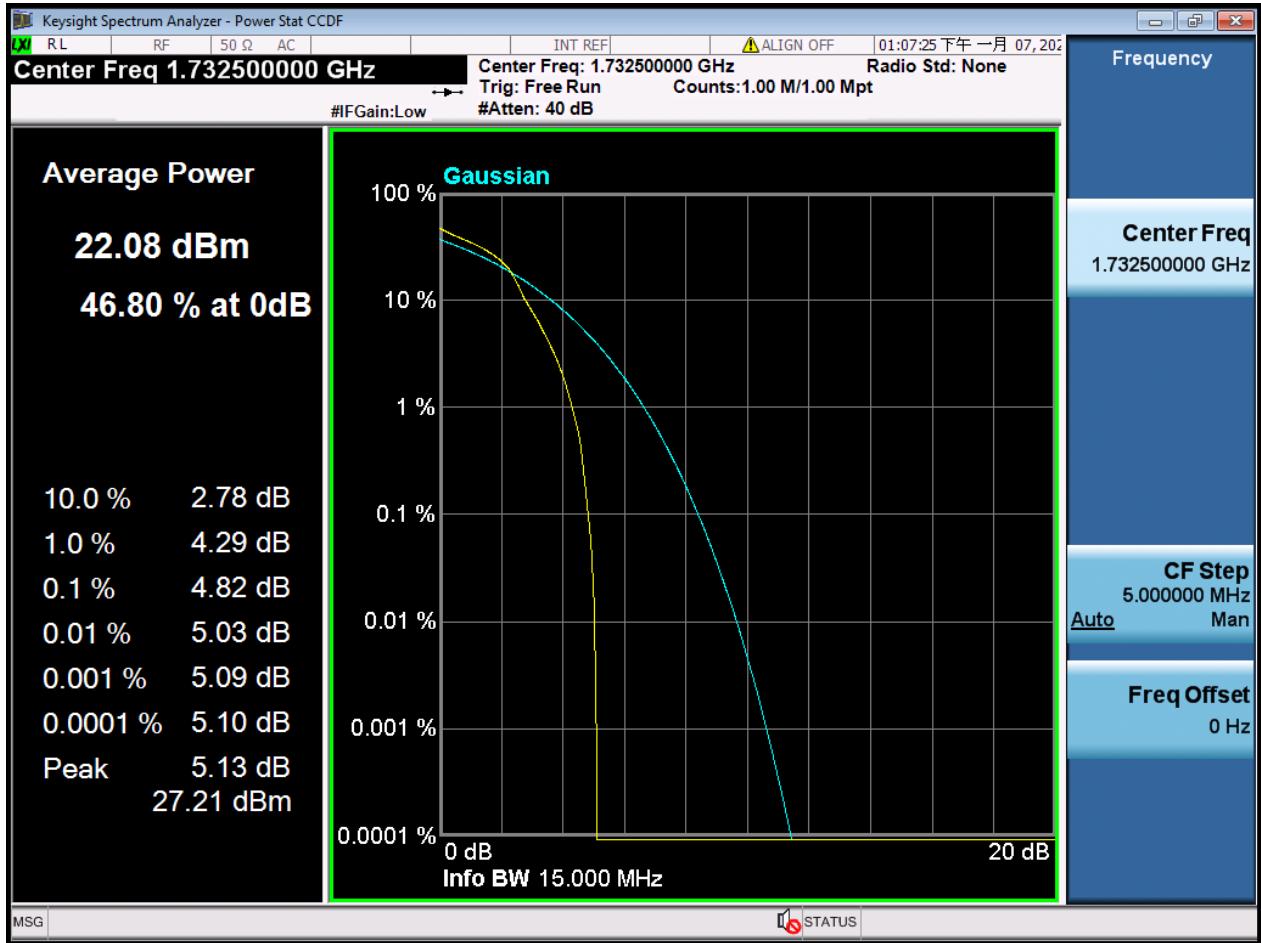
1.65. LTE Peak to Average Ratio(NTNV)(Subtest:65, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:MID)

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



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	4.82	13	Pass



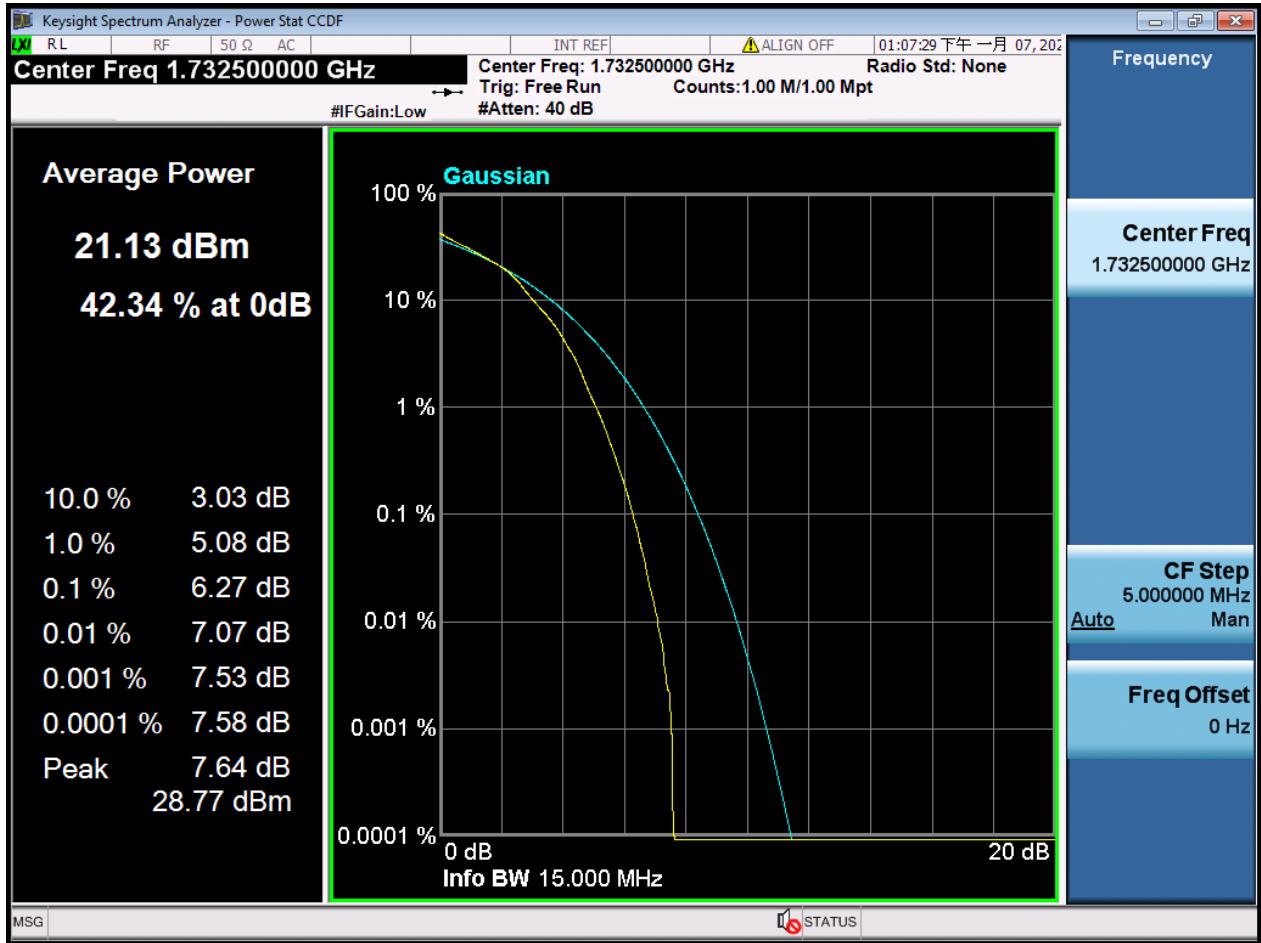
Average Power
22.08 dBm
46.80 % at 0dB

10.0 %	2.78 dB
1.0 %	4.29 dB
0.1 %	4.82 dB
0.01 %	5.03 dB
0.001 %	5.09 dB
0.0001 %	5.10 dB
Peak	5.13 dB
	27.21 dBm

Info BW 15.000 MHz

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	6.27	13	Pass



Average Power
21.13 dBm
42.34 % at 0dB

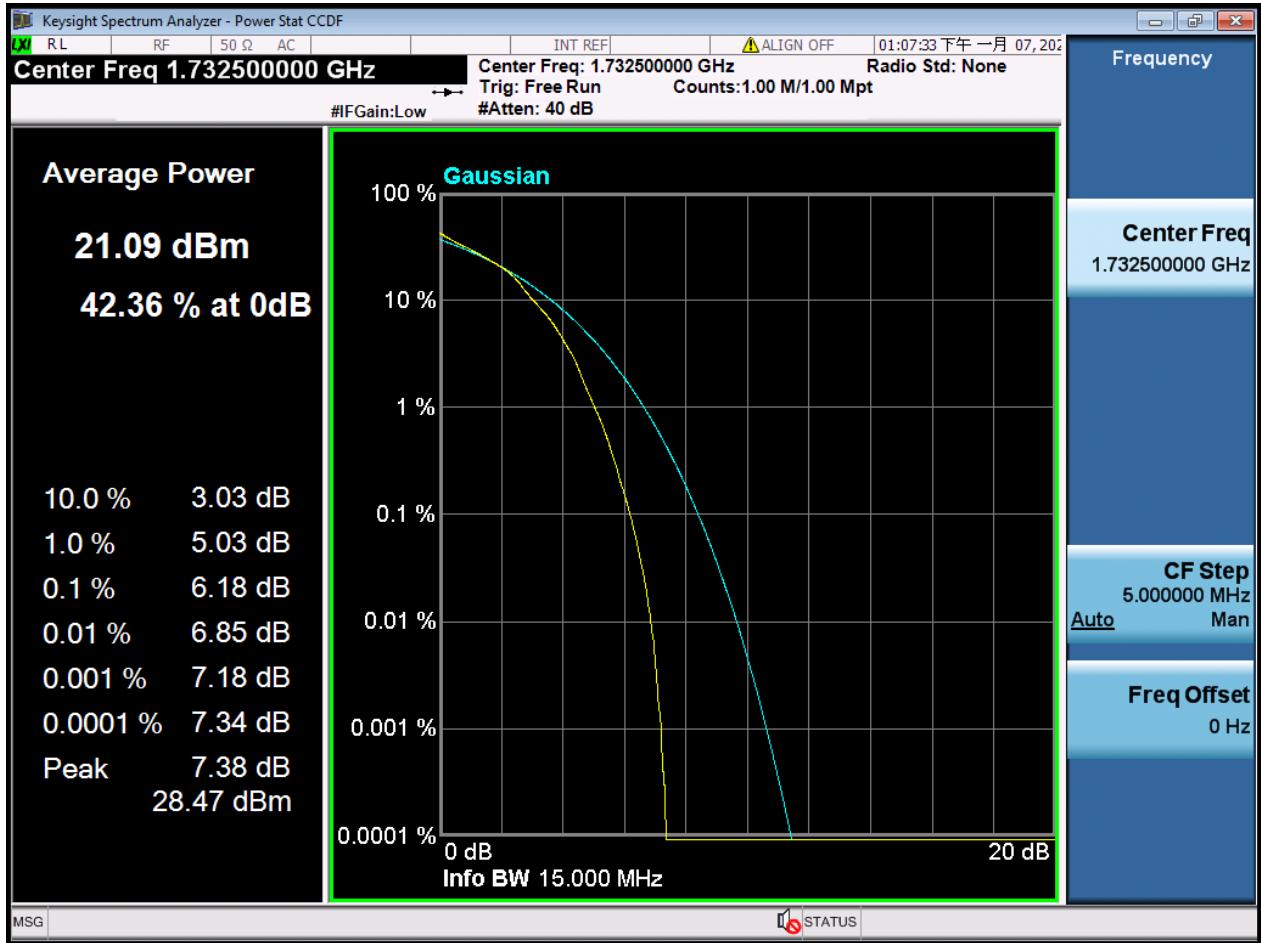
10.0 %	3.03 dB
1.0 %	5.08 dB
0.1 %	6.27 dB
0.01 %	7.07 dB
0.001 %	7.53 dB
0.0001 %	7.58 dB
Peak	7.64 dB
	28.77 dBm

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
Auto
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)

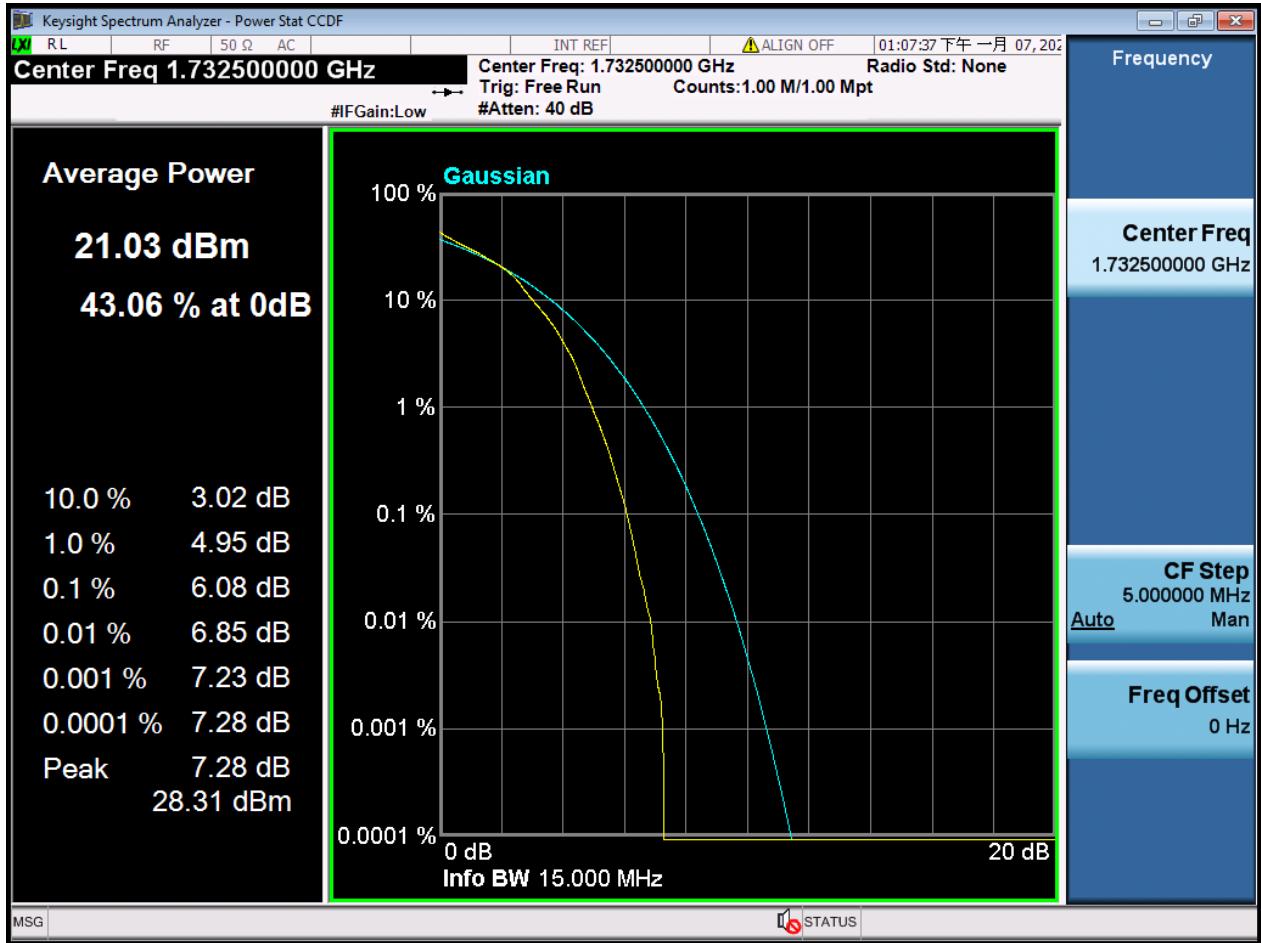
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.17	13	Pass



Power Level	dBm Value
10.0 %	3.03 dB
1.0 %	5.03 dB
0.1 %	6.18 dB
0.01 %	6.85 dB
0.001 %	7.18 dB
0.0001 %	7.34 dB
Peak	7.38 dB
	28.47 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	6.08	13	Pass



Average Power
21.03 dBm
43.06 % at 0dB

10.0 %	3.02 dB
1.0 %	4.95 dB
0.1 %	6.08 dB
0.01 %	6.85 dB
0.001 %	7.23 dB
0.0001 %	7.28 dB
Peak	7.28 dB
	28.31 dBm

Center Freq 1.732500000 GHz
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 15.000 MHz

MSG STATUS

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz Man
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	6.35	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

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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 21.11 dBm
43.21 % at 0dB

10.0 % 2.96 dB
1.0 % 5.21 dB
0.1 % 6.35 dB
0.01 % 7.07 dB
0.001 % 7.57 dB
0.0001 % 7.88 dB
Peak 7.92 dB
29.03 dBm

Gaussian



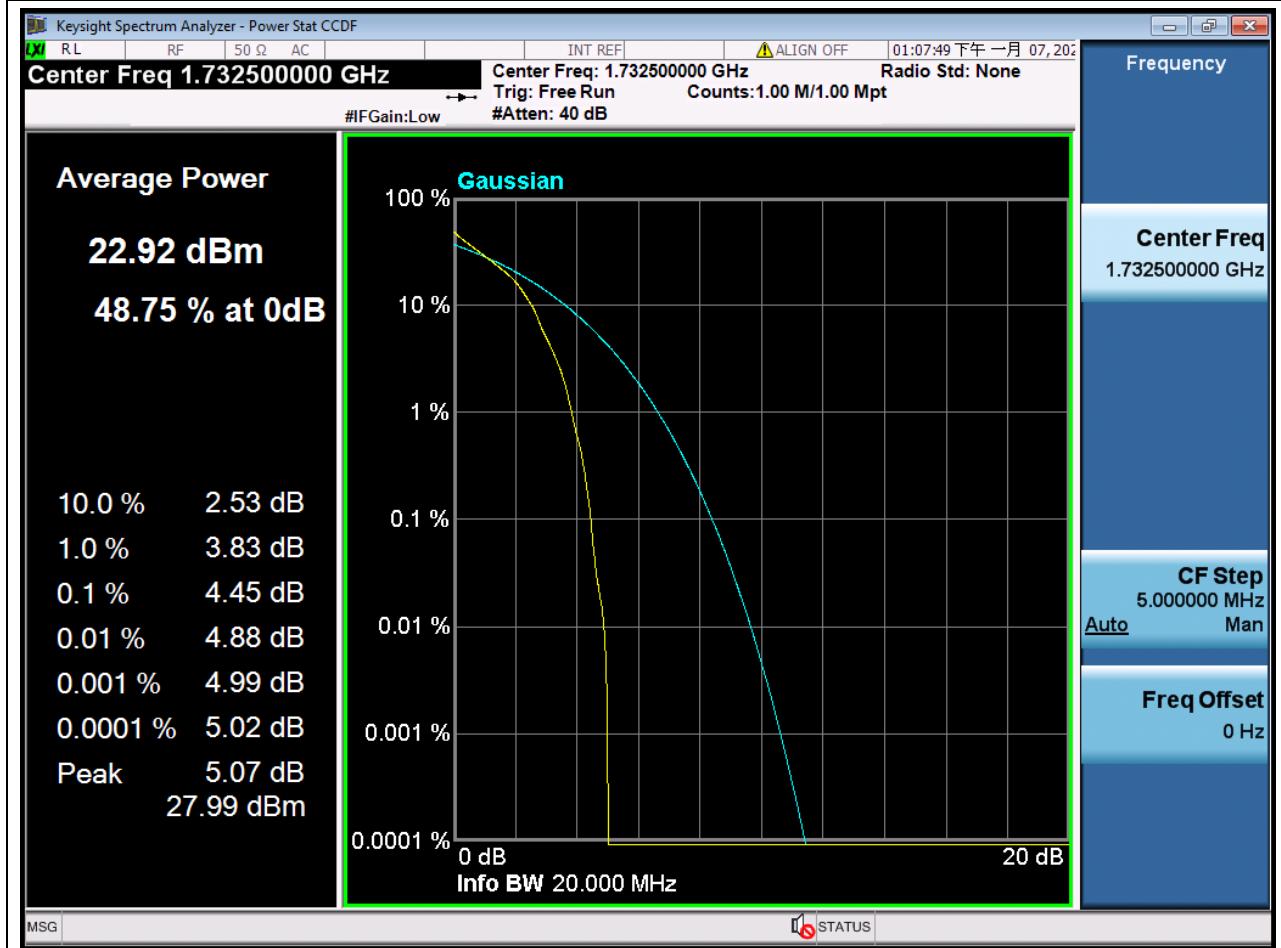
0.0001 % 0 dB 20 dB
Info BW 15.000 MHz

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

MSG STATUS

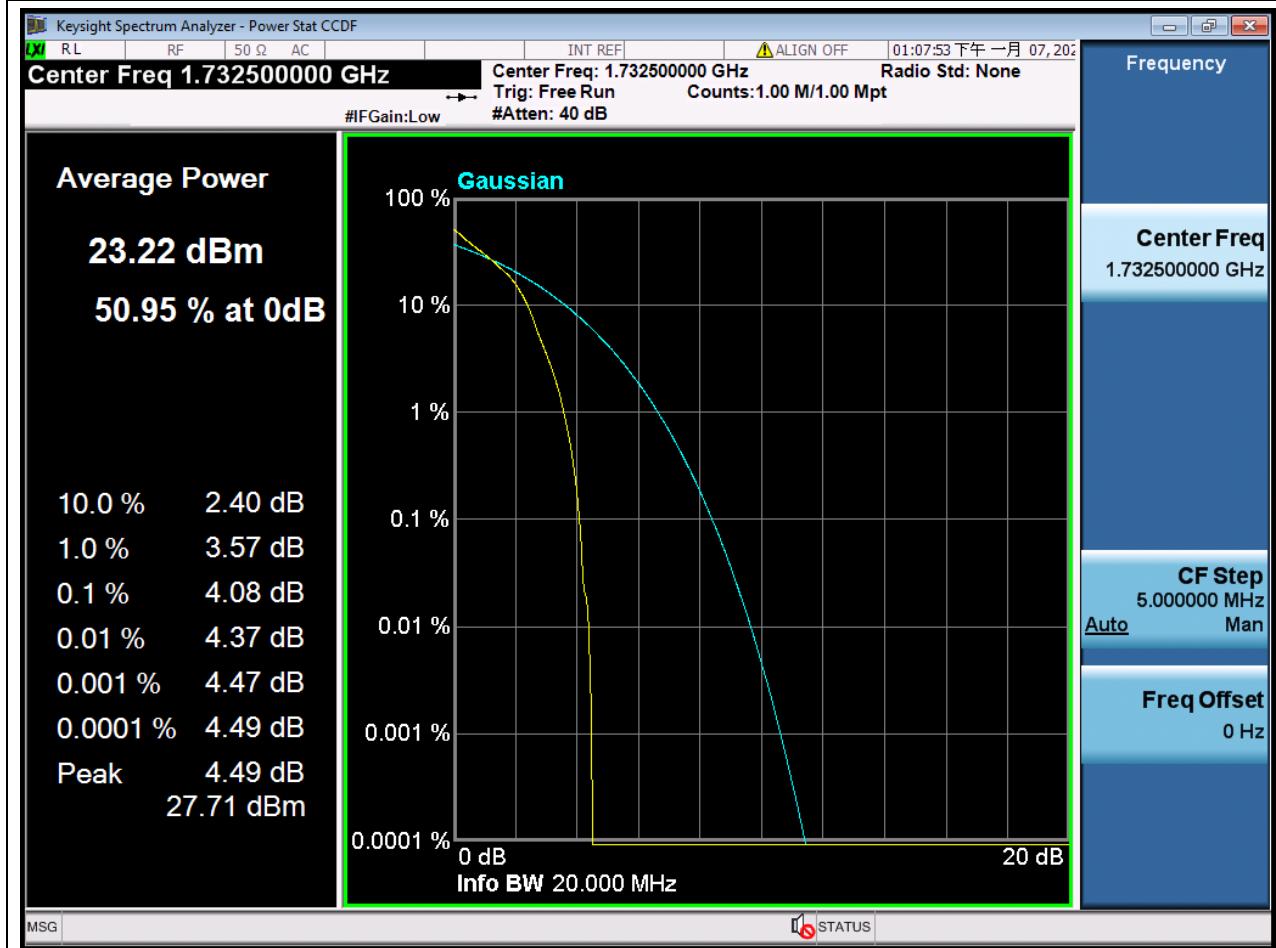
1.71. LTE Peak to Average Ratio(NTNV)(Subtest:71, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.45	13	Pass



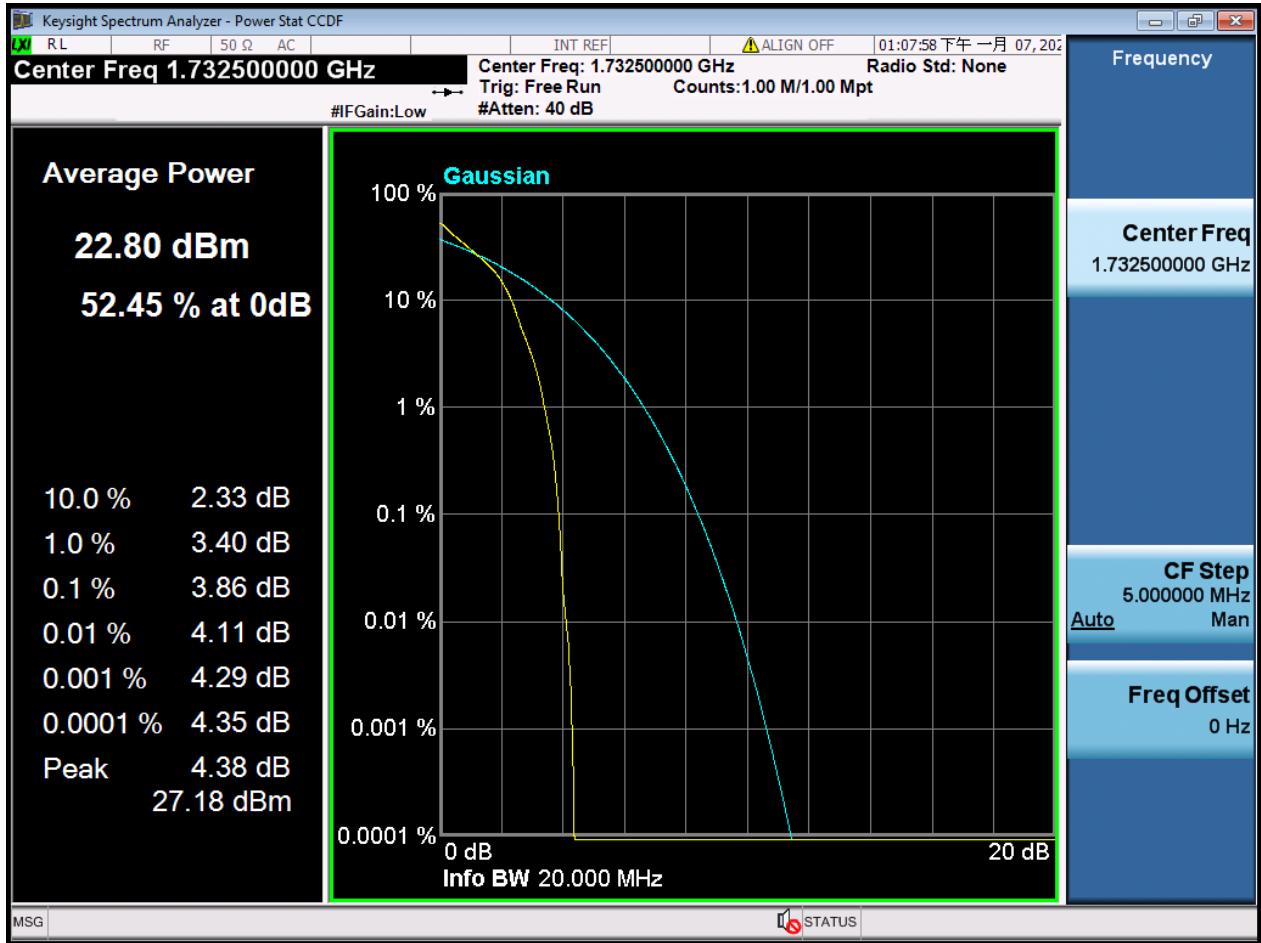
1.72. LTE Peak to Average Ratio(NTNV)(Subtest:72, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.08	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	3.86	13	Pass



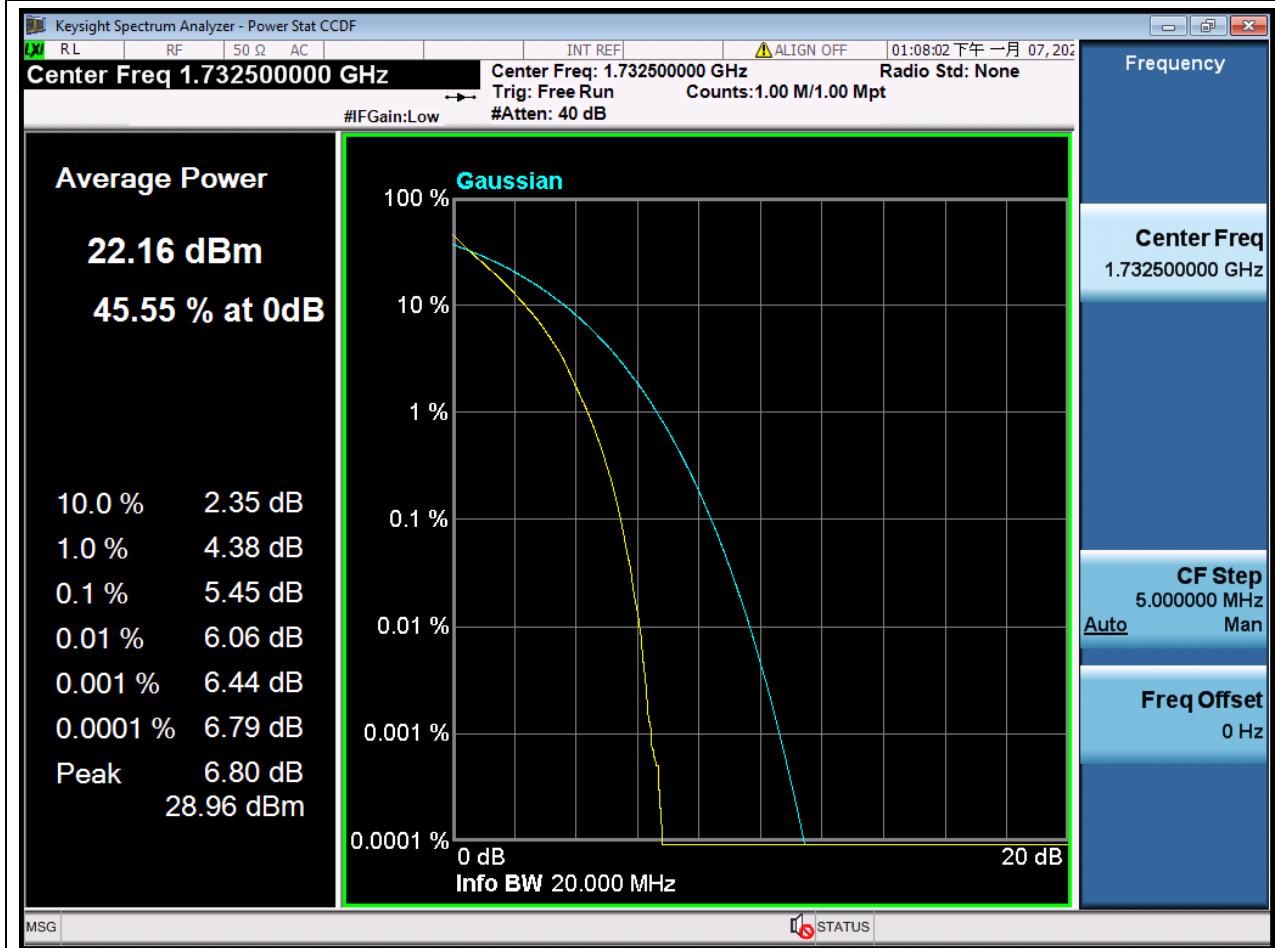
Average Power
22.80 dBm
52.45 % at 0dB

10.0 %	2.33 dB
1.0 %	3.40 dB
0.1 %	3.86 dB
0.01 %	4.11 dB
0.001 %	4.29 dB
0.0001 %	4.35 dB
Peak	4.38 dB
	27.18 dBm

MSG STATUS

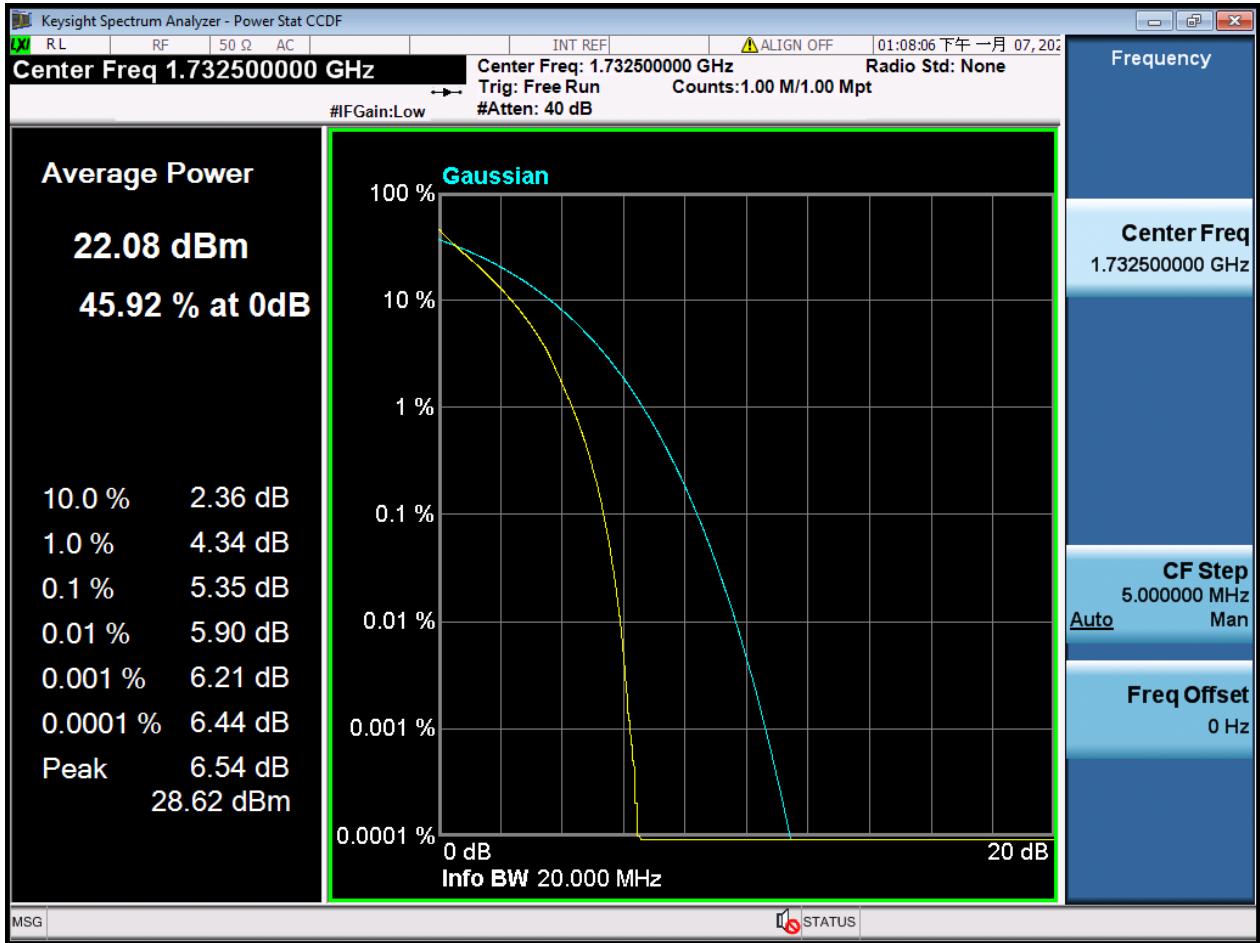
1.74. LTE Peak to Average Ratio(NTNV)(Subtest:74, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.45	13	Pass



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	5.35	13	Pass



Average Power
22.08 dBm
45.92 % at 0dB

10.0 %	2.36 dB
1.0 %	4.34 dB
0.1 %	5.35 dB
0.01 %	5.90 dB
0.001 %	6.21 dB
0.0001 %	6.44 dB
Peak	6.54 dB
	28.62 dBm

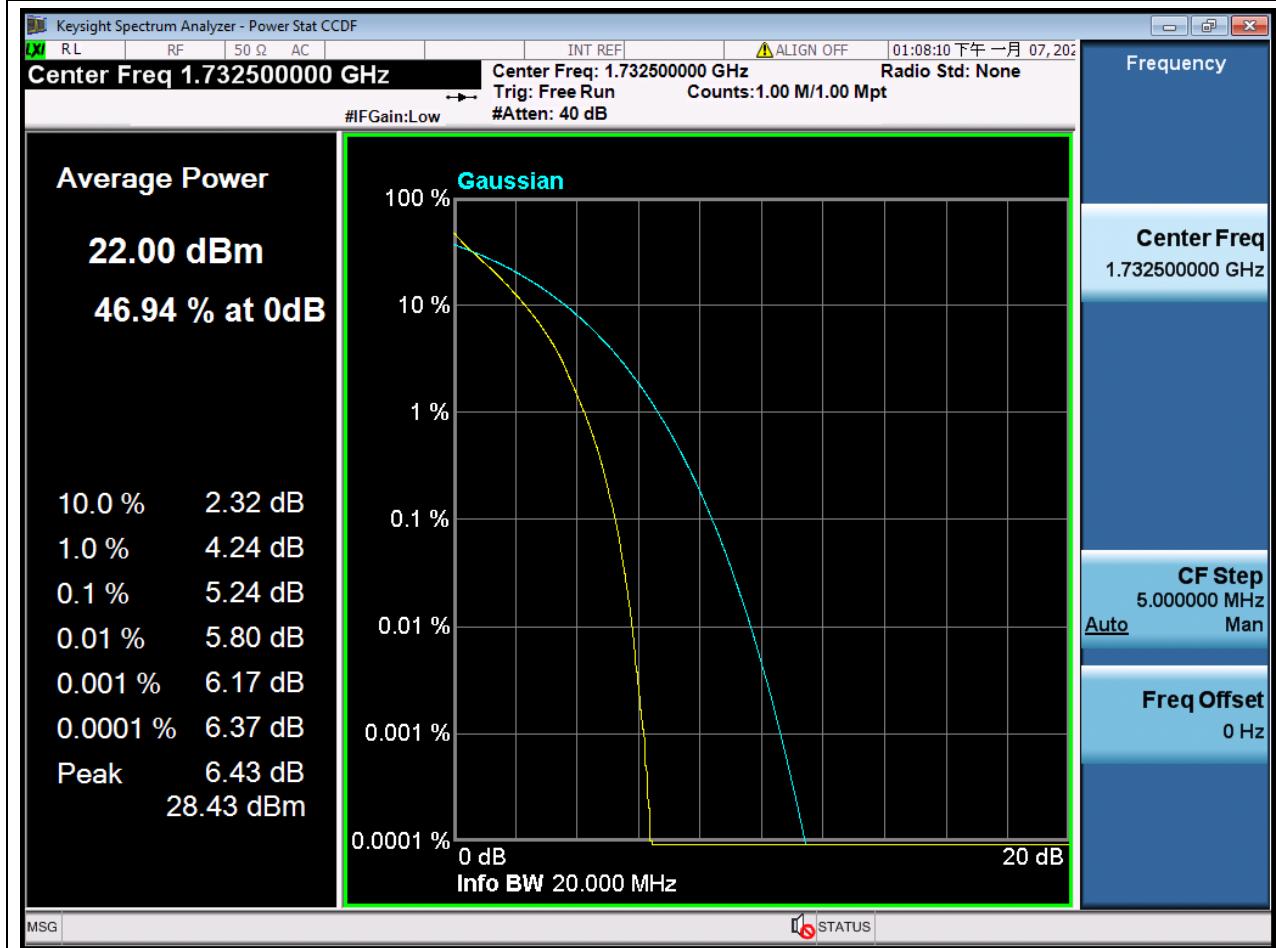
Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

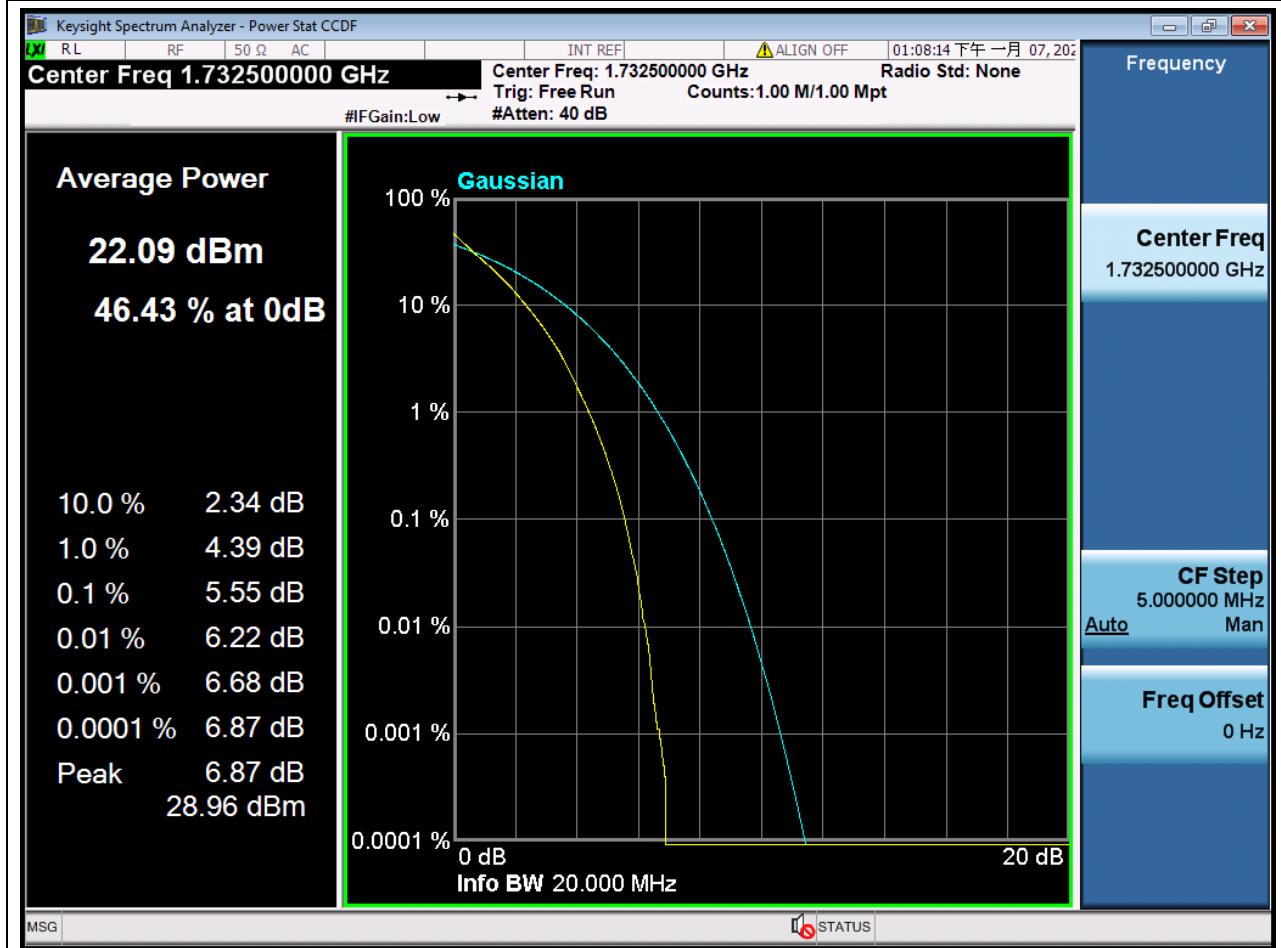
1.76. LTE Peak to Average Ratio(NTNV)(Subtest:76, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:HIGH)

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



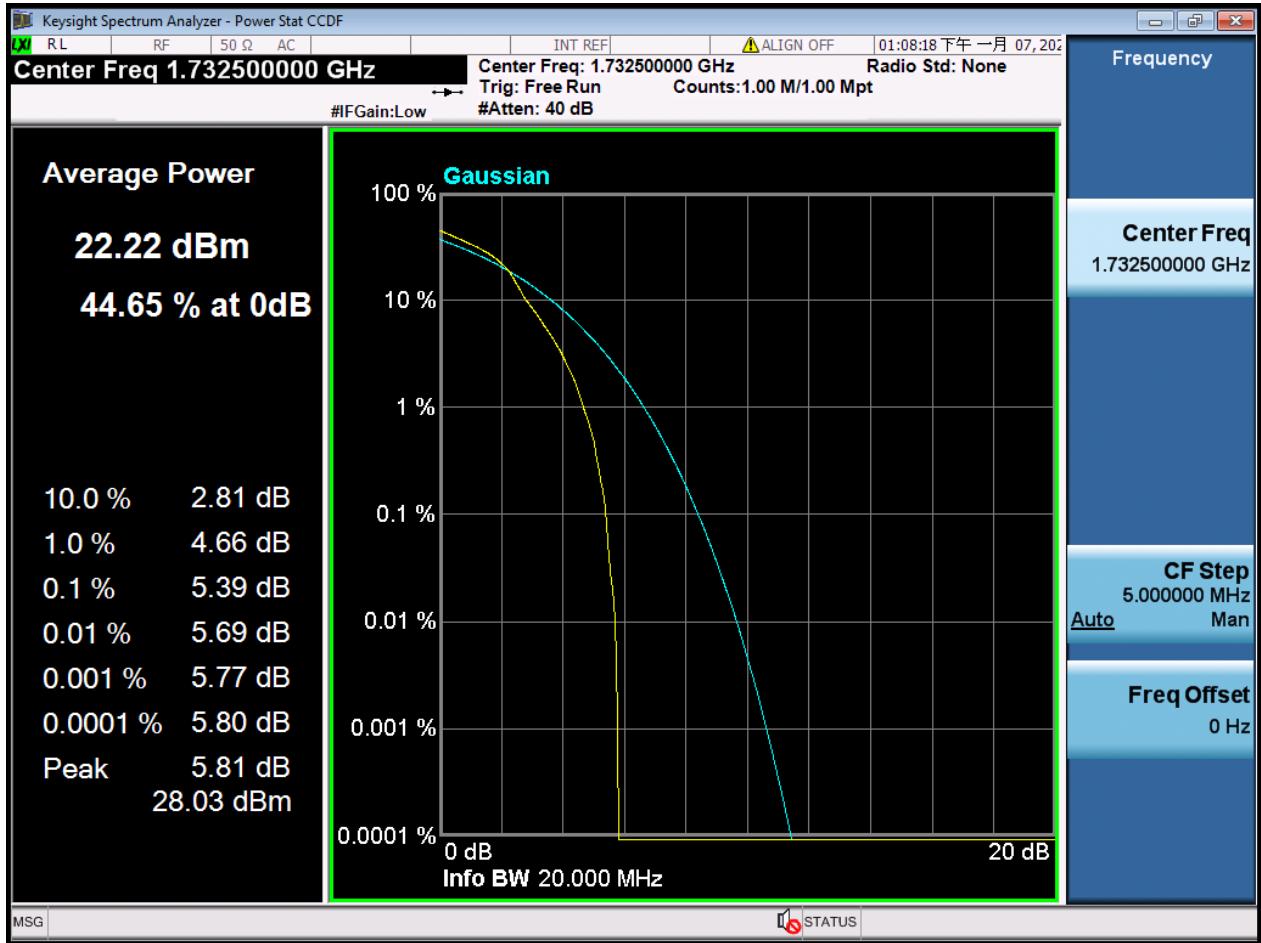
1.77. LTE Peak to Average Ratio(NTNV)(Subtest:77, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.55	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	5.39	13	Pass



Average Power
22.22 dBm
44.65 % at 0dB

10.0 %	2.81 dB
1.0 %	4.66 dB
0.1 %	5.39 dB
0.01 %	5.69 dB
0.001 %	5.77 dB
0.0001 %	5.80 dB
Peak	5.81 dB
	28.03 dBm

Center Freq
1.732500000 GHz

CF Step
5.000000 MHz

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

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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 22.40 dBm
45.80 % at 0dB

10.0 % 2.77 dB
1.0 % 4.36 dB
0.1 % 5.07 dB
0.01 % 5.28 dB
0.001 % 5.35 dB
0.0001 % 5.37 dB
Peak 5.48 dB
27.88 dBm

Gaussian



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

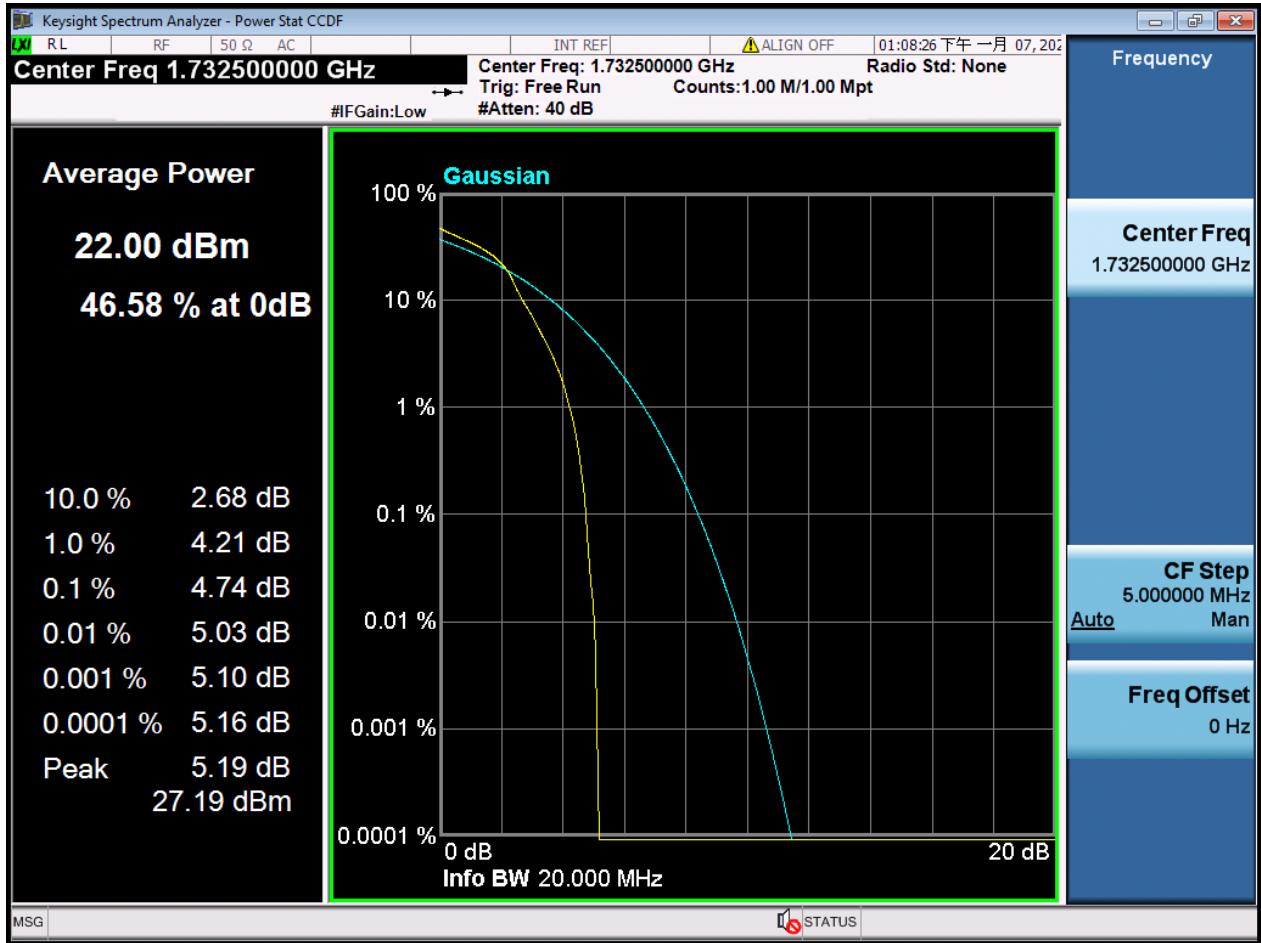
0 dB 20 dB Info BW 20.000 MHz

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	4.74	13	Pass



Average Power
22.00 dBm
46.58 % at 0dB

10.0 %	2.68 dB
1.0 %	4.21 dB
0.1 %	4.74 dB
0.01 %	5.03 dB
0.001 %	5.10 dB
0.0001 %	5.16 dB
Peak	5.19 dB
	27.19 dBm

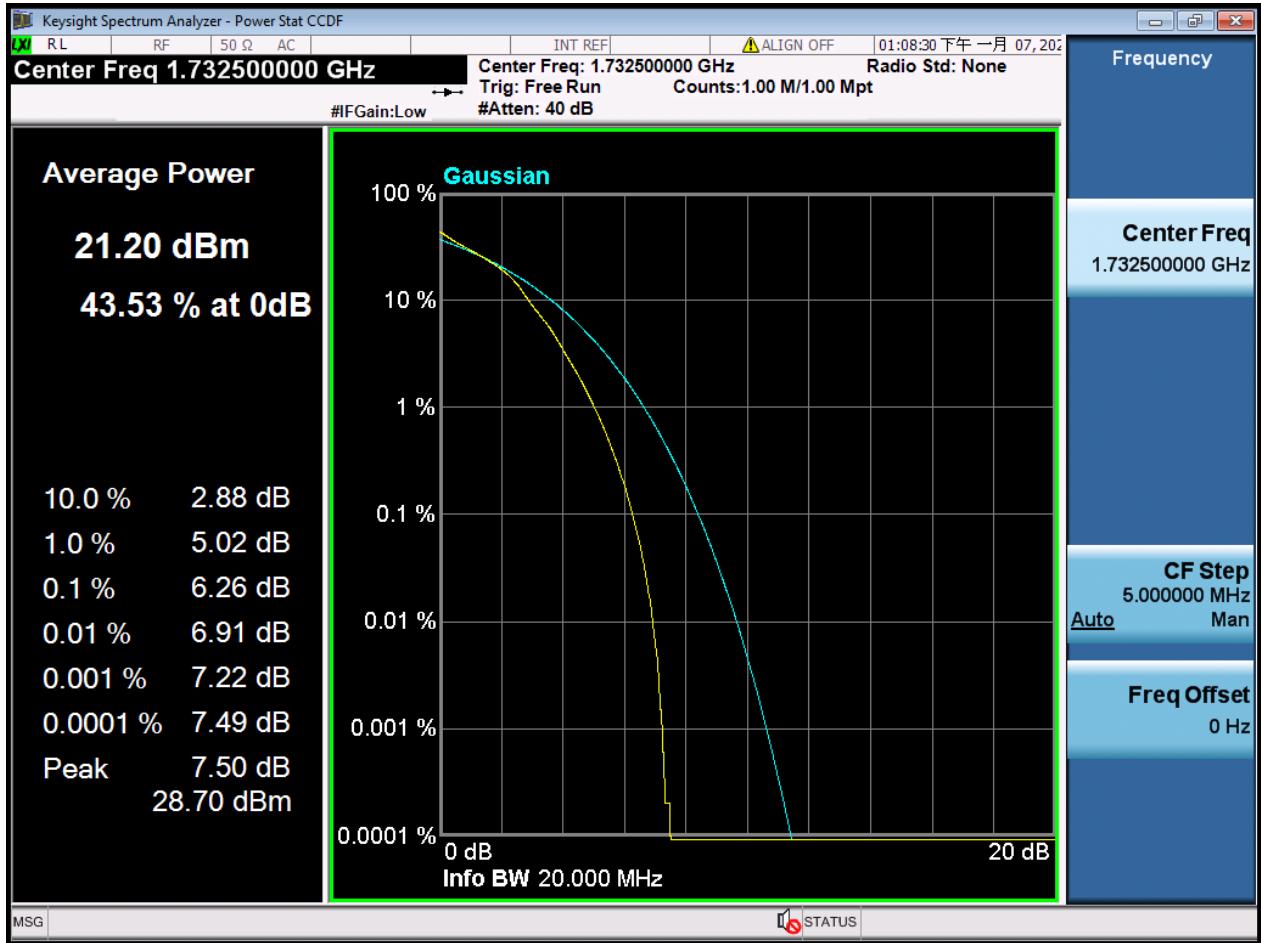
Center Freq
1.732500000 GHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

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	6.26	13	Pass



Average Power
21.20 dBm
43.53 % at 0dB

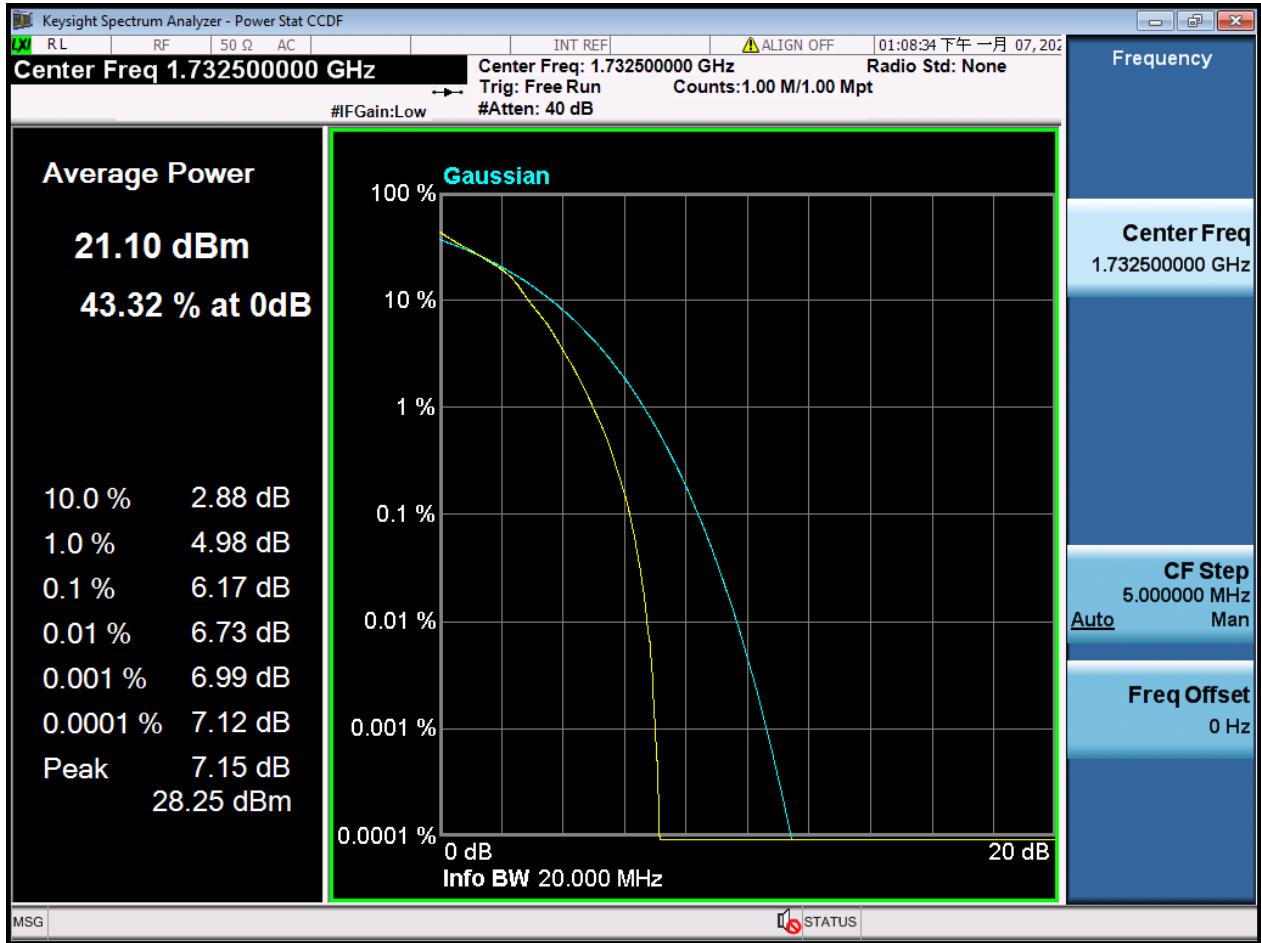
10.0 %	2.88 dB
1.0 %	5.02 dB
0.1 %	6.26 dB
0.01 %	6.91 dB
0.001 %	7.22 dB
0.0001 %	7.49 dB
Peak	7.50 dB
	28.70 dBm

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

1.82. 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	6.17	13	Pass



Average Power
21.10 dBm
43.32 % at 0dB

10.0 %	2.88 dB
1.0 %	4.98 dB
0.1 %	6.17 dB
0.01 %	6.73 dB
0.001 %	6.99 dB
0.0001 %	7.12 dB
Peak	7.15 dB
	28.25 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

1.83. 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	6.04	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

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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
20.99 dBm
44.23 % at 0dB

10.0 % 2.86 dB
1.0 % 4.87 dB
0.1 % 6.04 dB
0.01 % 6.64 dB
0.001 % 6.89 dB
0.0001 % 7.04 dB
Peak 7.11 dB
28.10 dBm

Gaussian



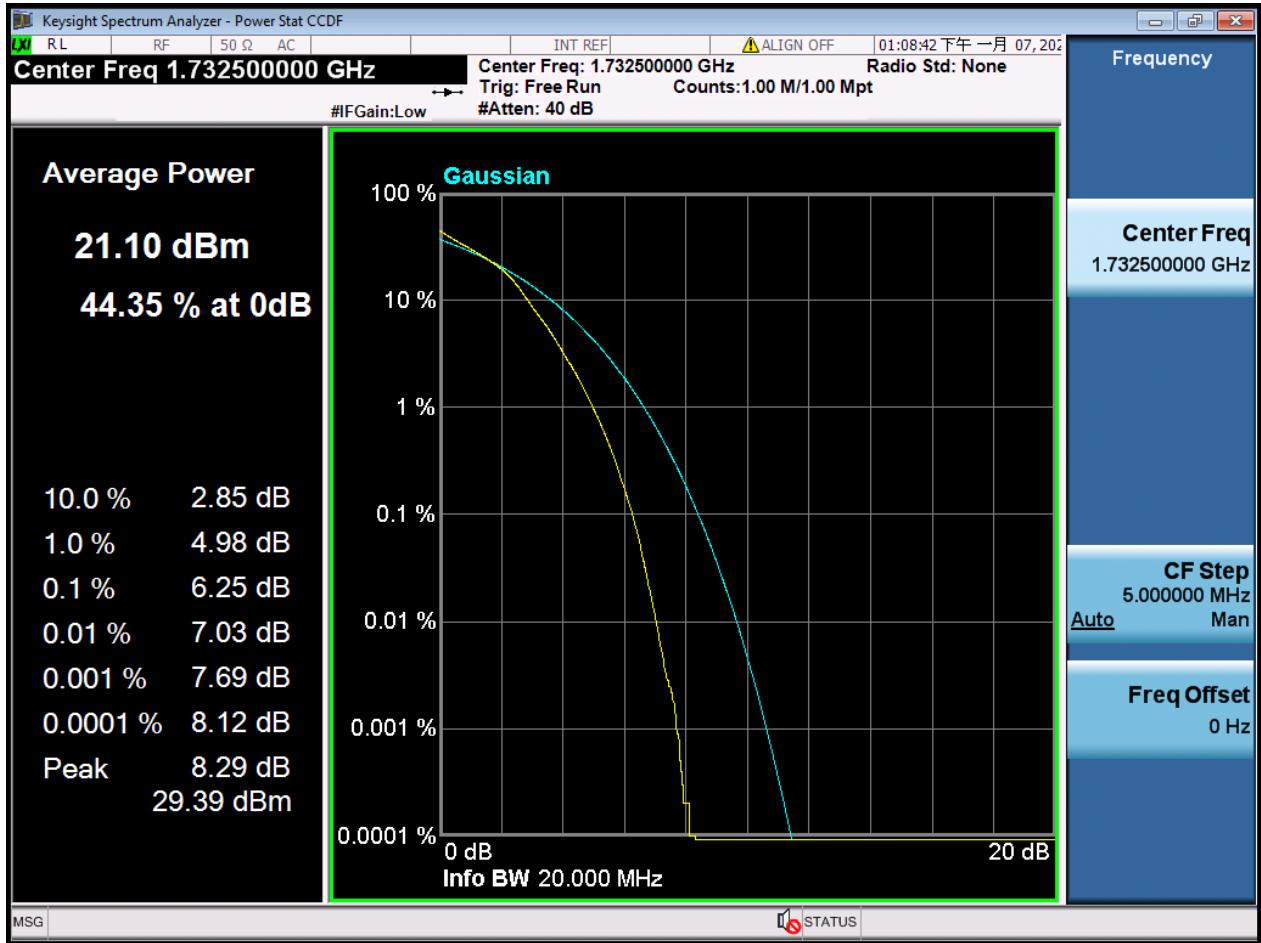
0.0001 % 0 dB 20 dB
Info BW 20.000 MHz

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	6.25	13	Pass



Average Power
21.10 dBm
44.35 % at 0dB

10.0 %	2.85 dB
1.0 %	4.98 dB
0.1 %	6.25 dB
0.01 %	7.03 dB
0.001 %	7.69 dB
0.0001 %	8.12 dB
Peak	8.29 dB
	29.39 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
Auto
Freq Offset
0 Hz

END