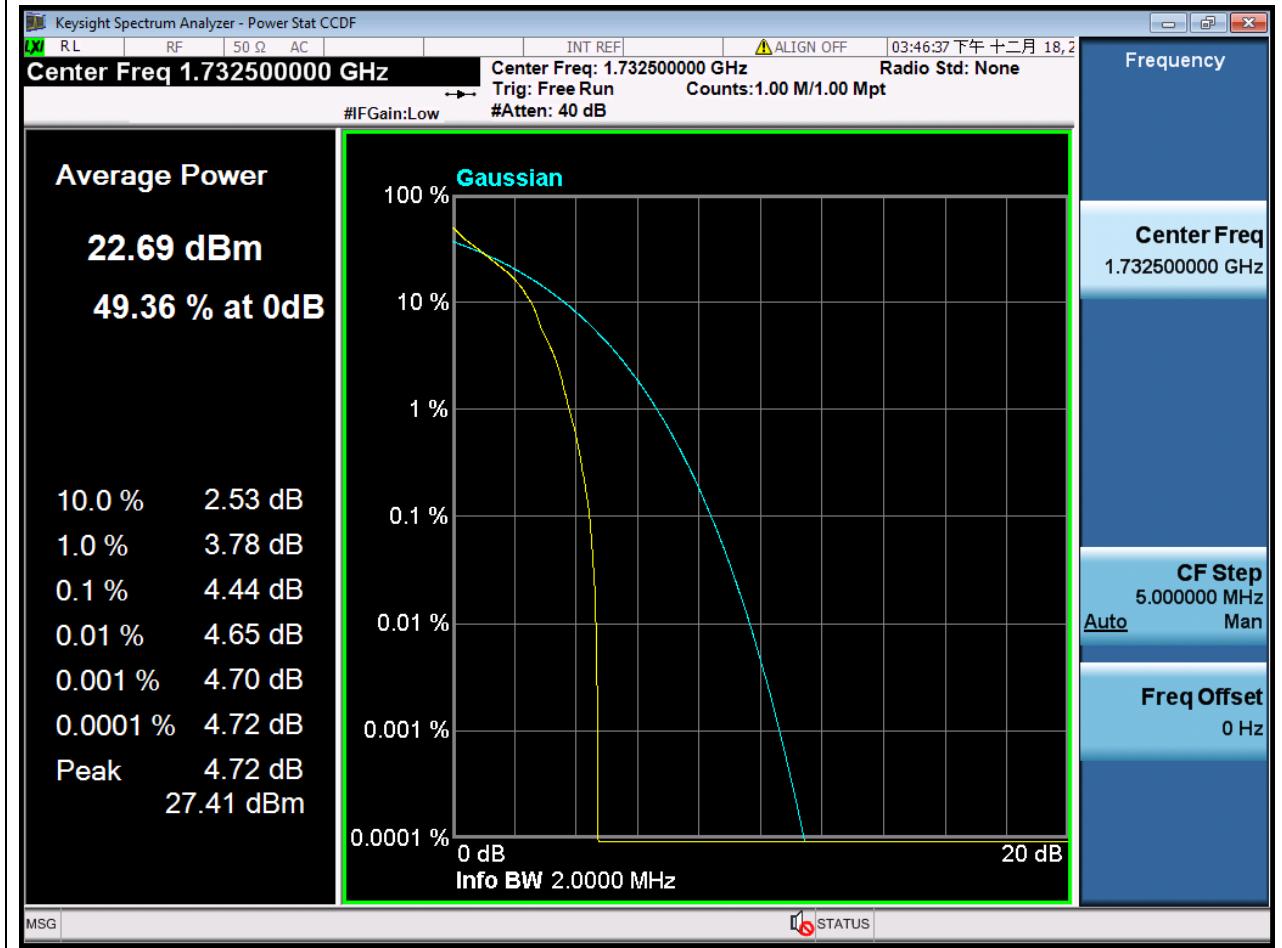


Annex B. LTE Peak to Average Ratio

1. LTE_Band4

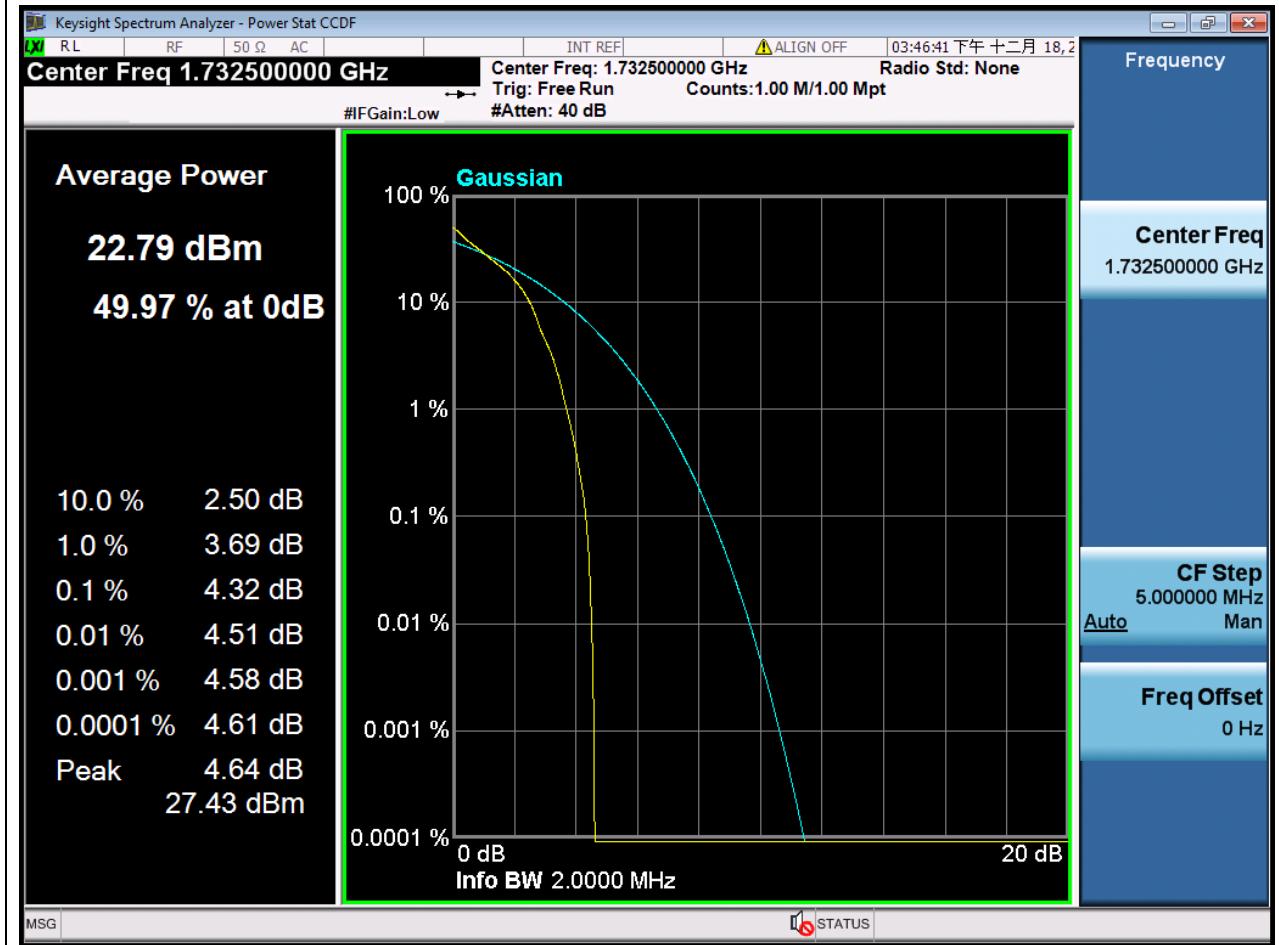
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.44	13	Pass



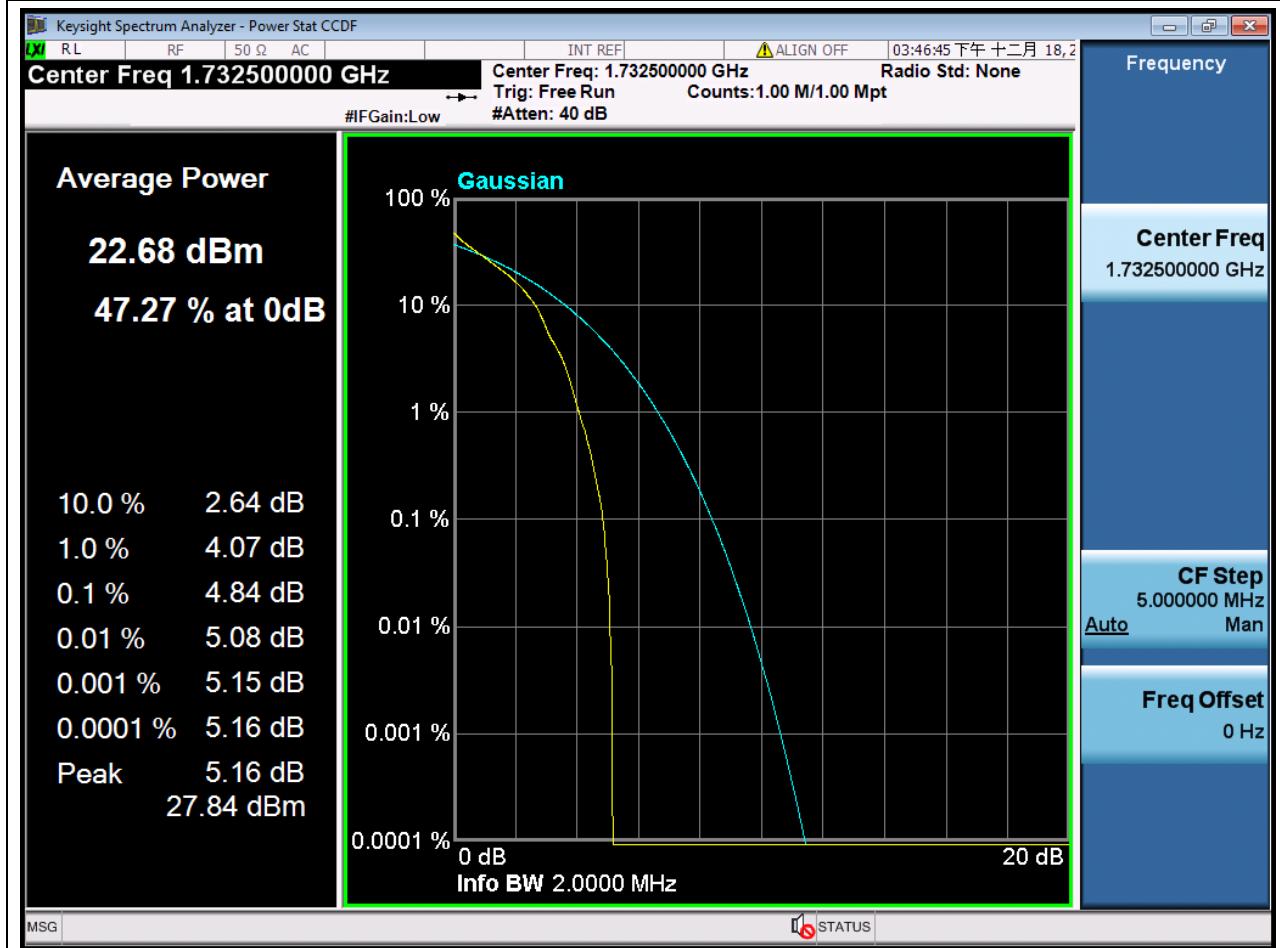
1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:MID)

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



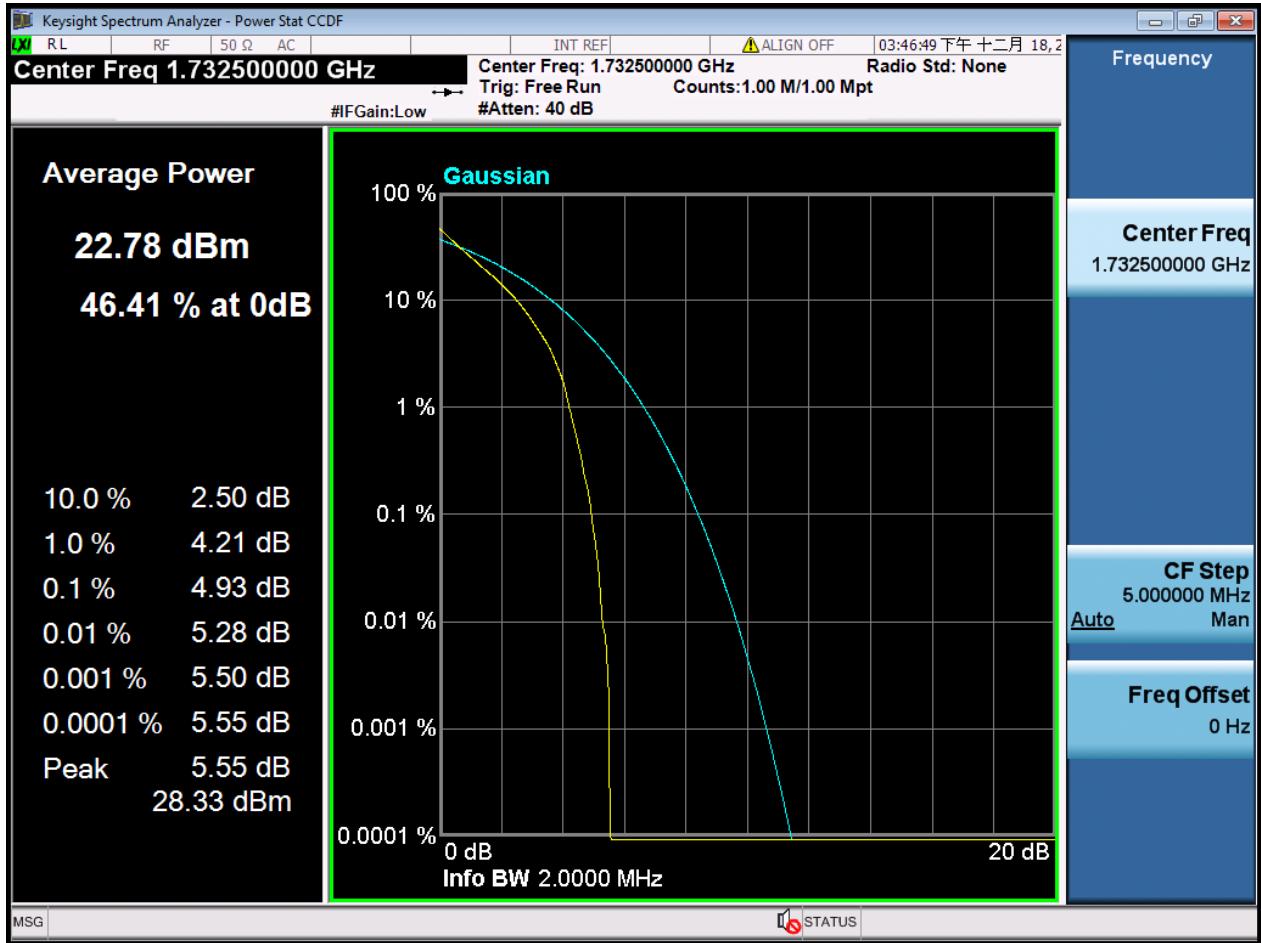
1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.84	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	4.93	13	Pass



Average Power
22.78 dBm
46.41 % at 0dB

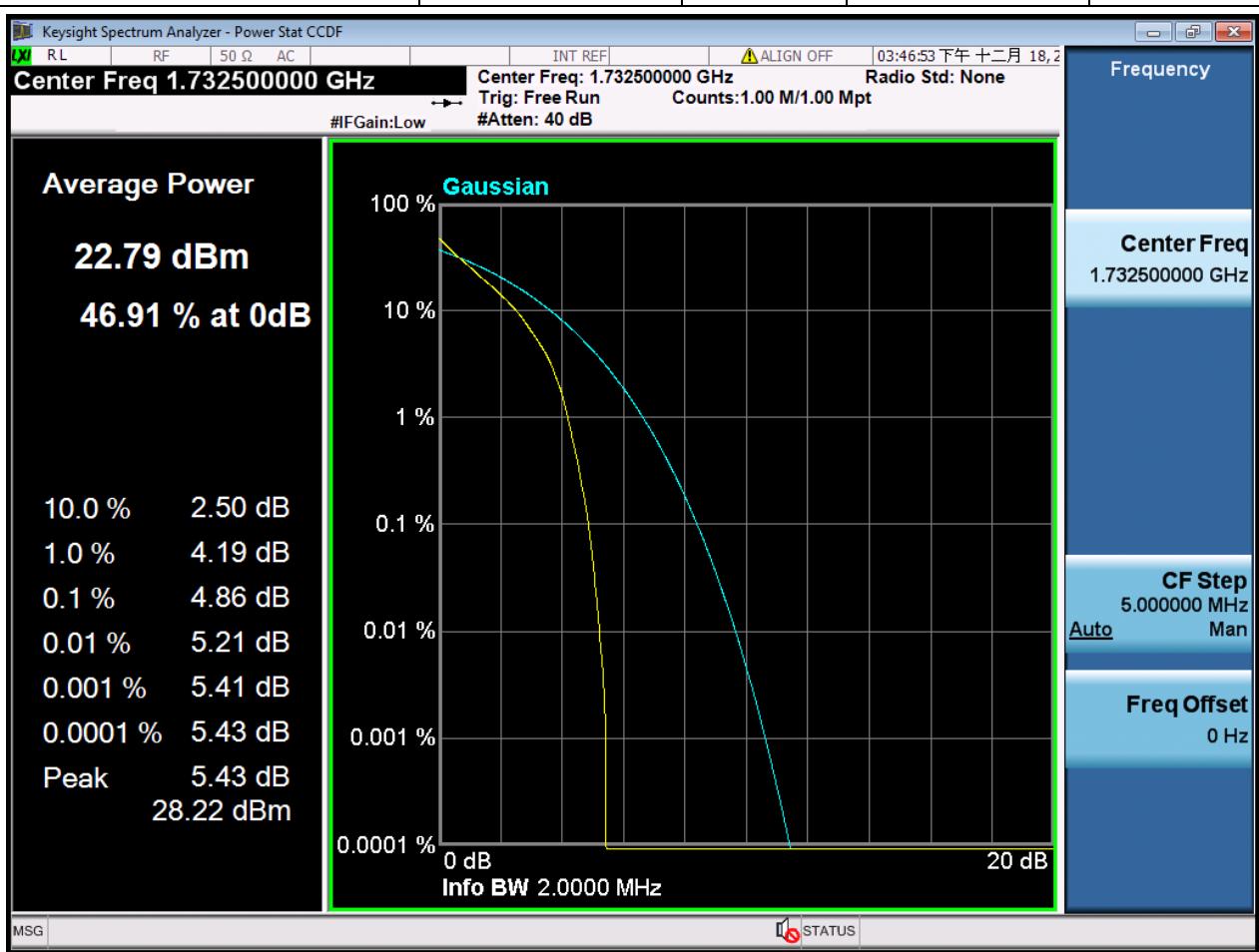
10.0 %	2.50 dB
1.0 %	4.21 dB
0.1 %	4.93 dB
0.01 %	5.28 dB
0.001 %	5.50 dB
0.0001 %	5.55 dB
Peak	5.55 dB
	28.33 dBm

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

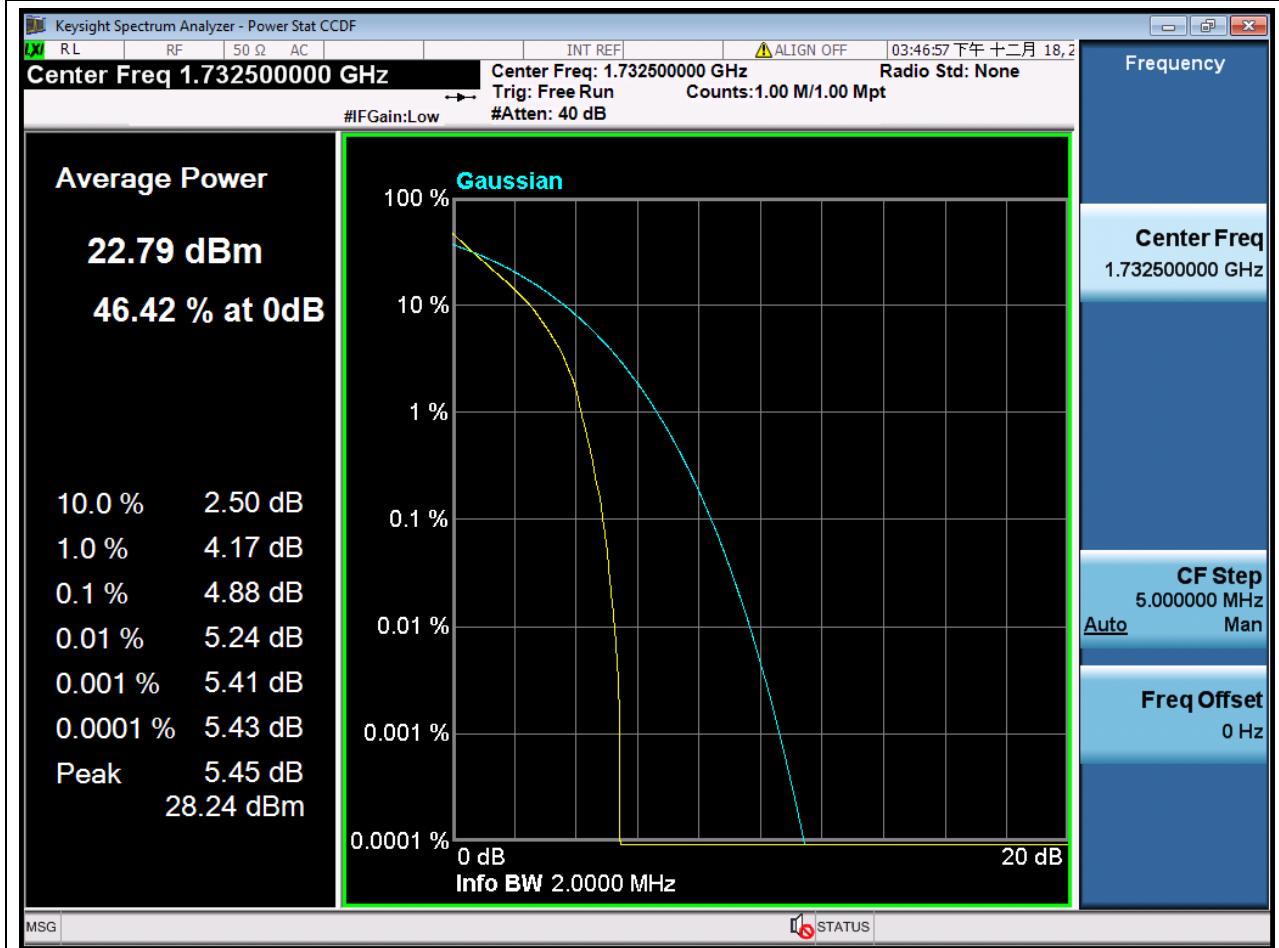
1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.86	13	Pass



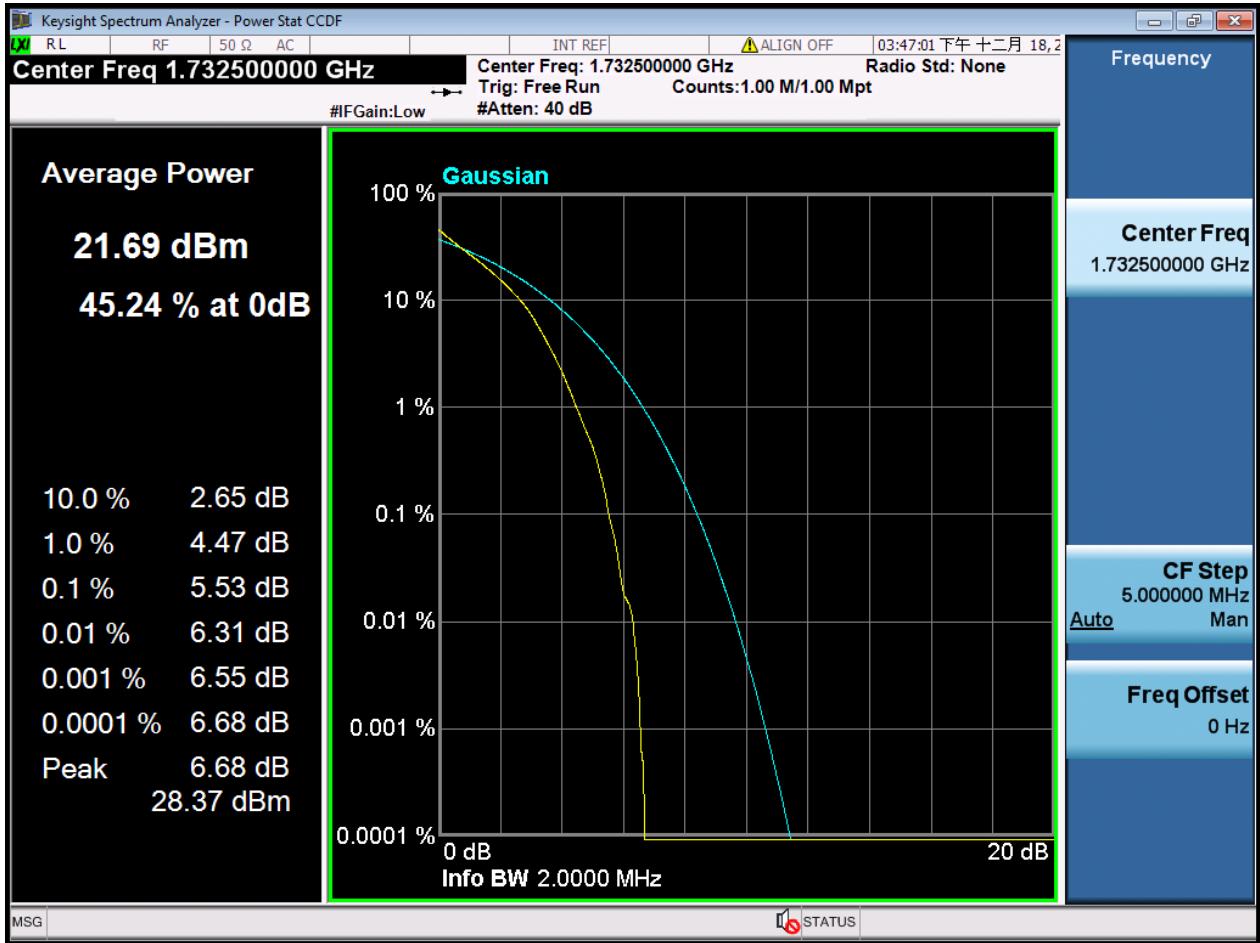
1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 3, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.88	13	Pass



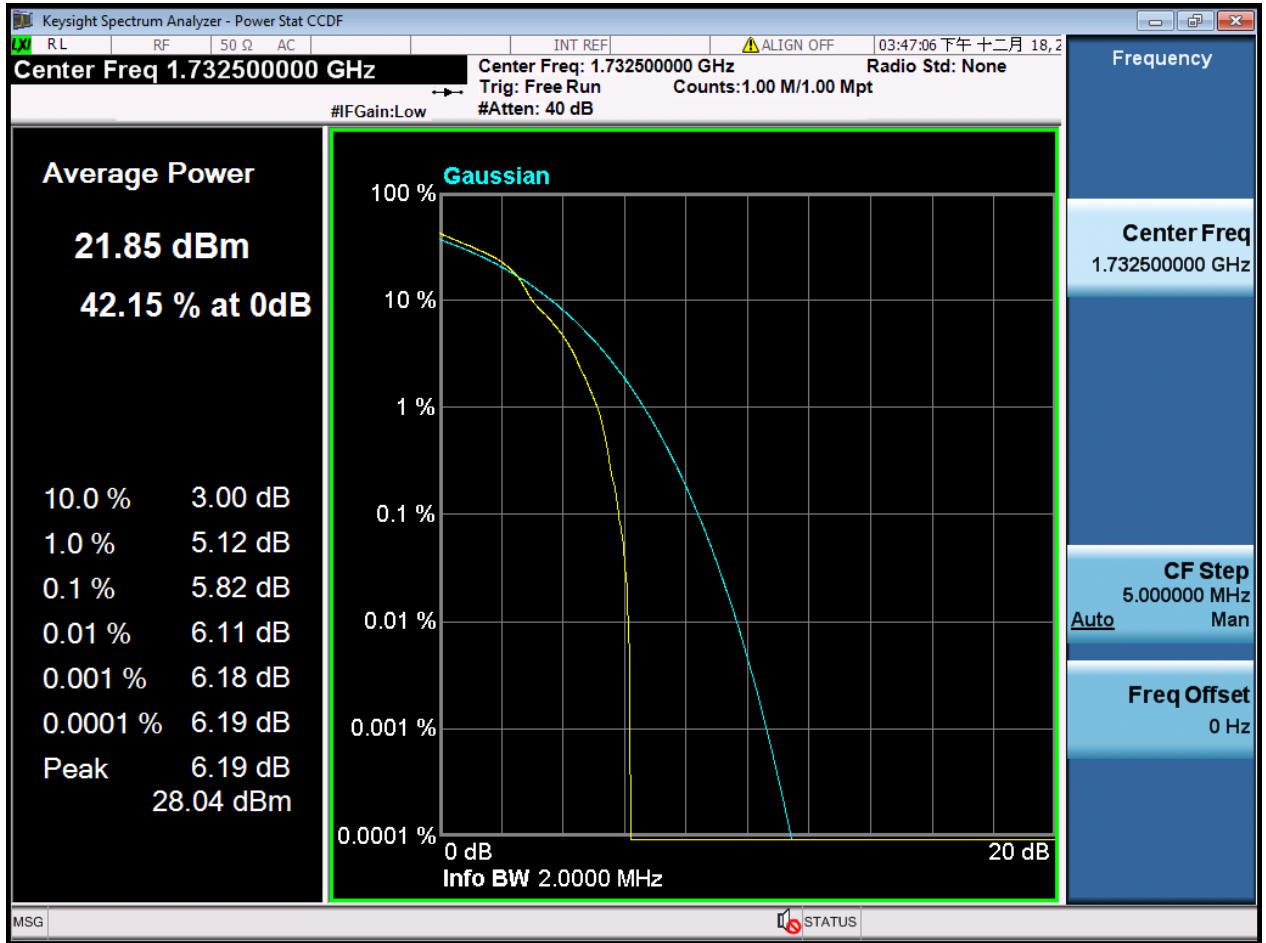
1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.53	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	5.82	13	Pass

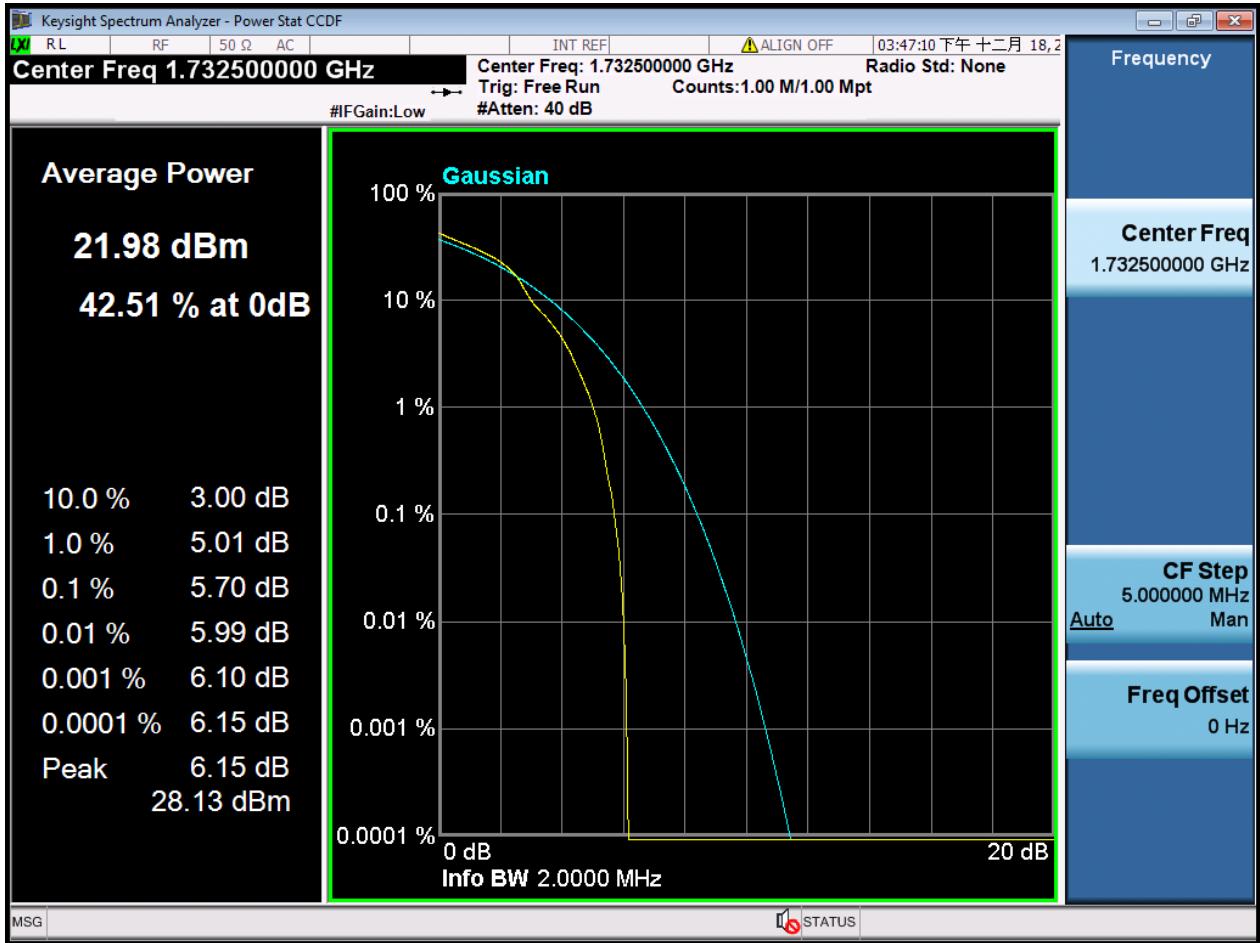


Average Power
21.85 dBm
42.15 % at 0dB

10.0 %	3.00 dB
1.0 %	5.12 dB
0.1 %	5.82 dB
0.01 %	6.11 dB
0.001 %	6.18 dB
0.0001 %	6.19 dB
Peak	6.19 dB
	28.04 dBm

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	5.7	13	Pass



Average Power
21.98 dBm
42.51 % at 0dB

10.0 %	3.00 dB
1.0 %	5.01 dB
0.1 %	5.70 dB
0.01 %	5.99 dB
0.001 %	6.10 dB
0.0001 %	6.15 dB
Peak	6.15 dB
	28.13 dBm

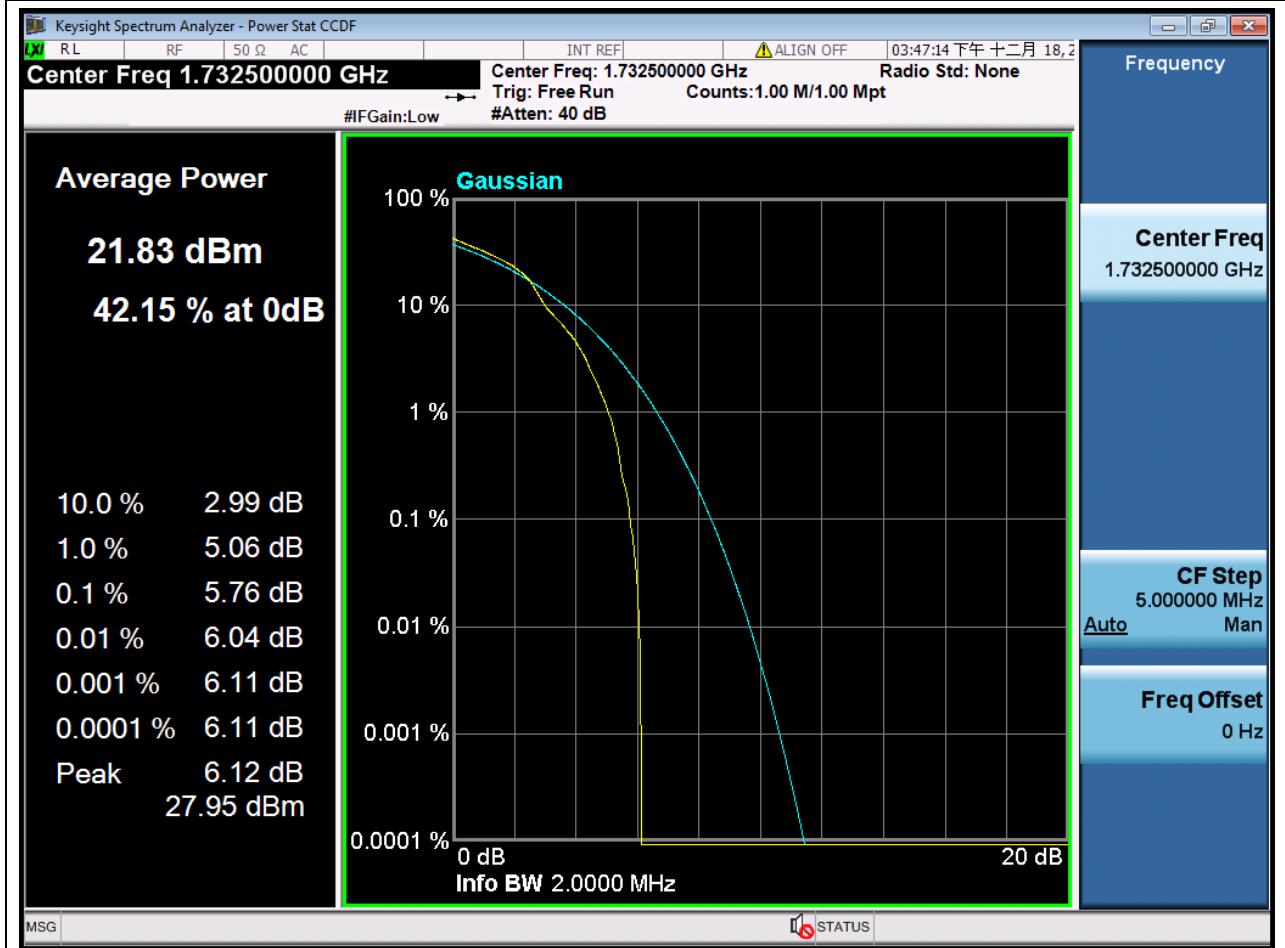
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

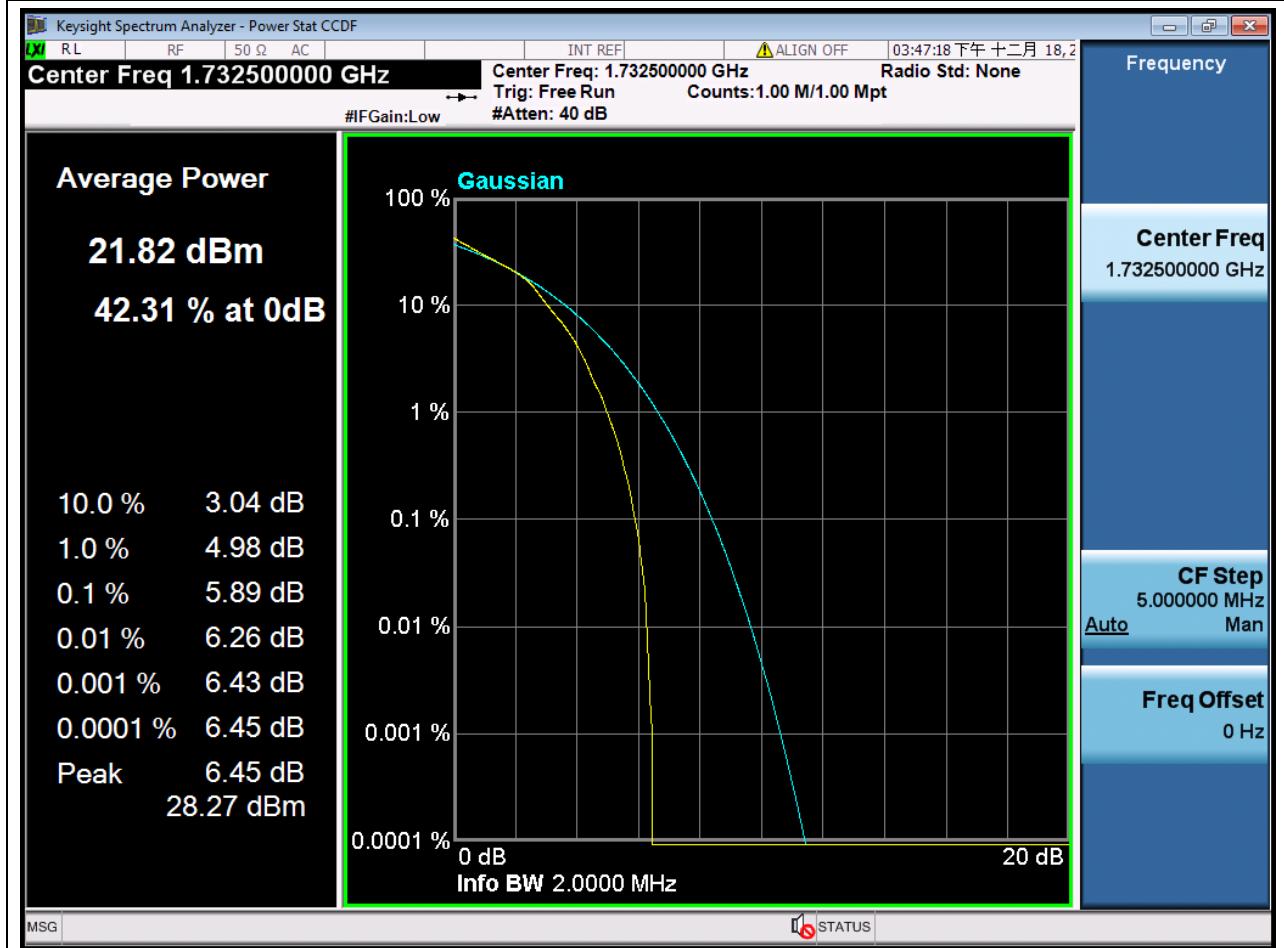
1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.76	13	Pass



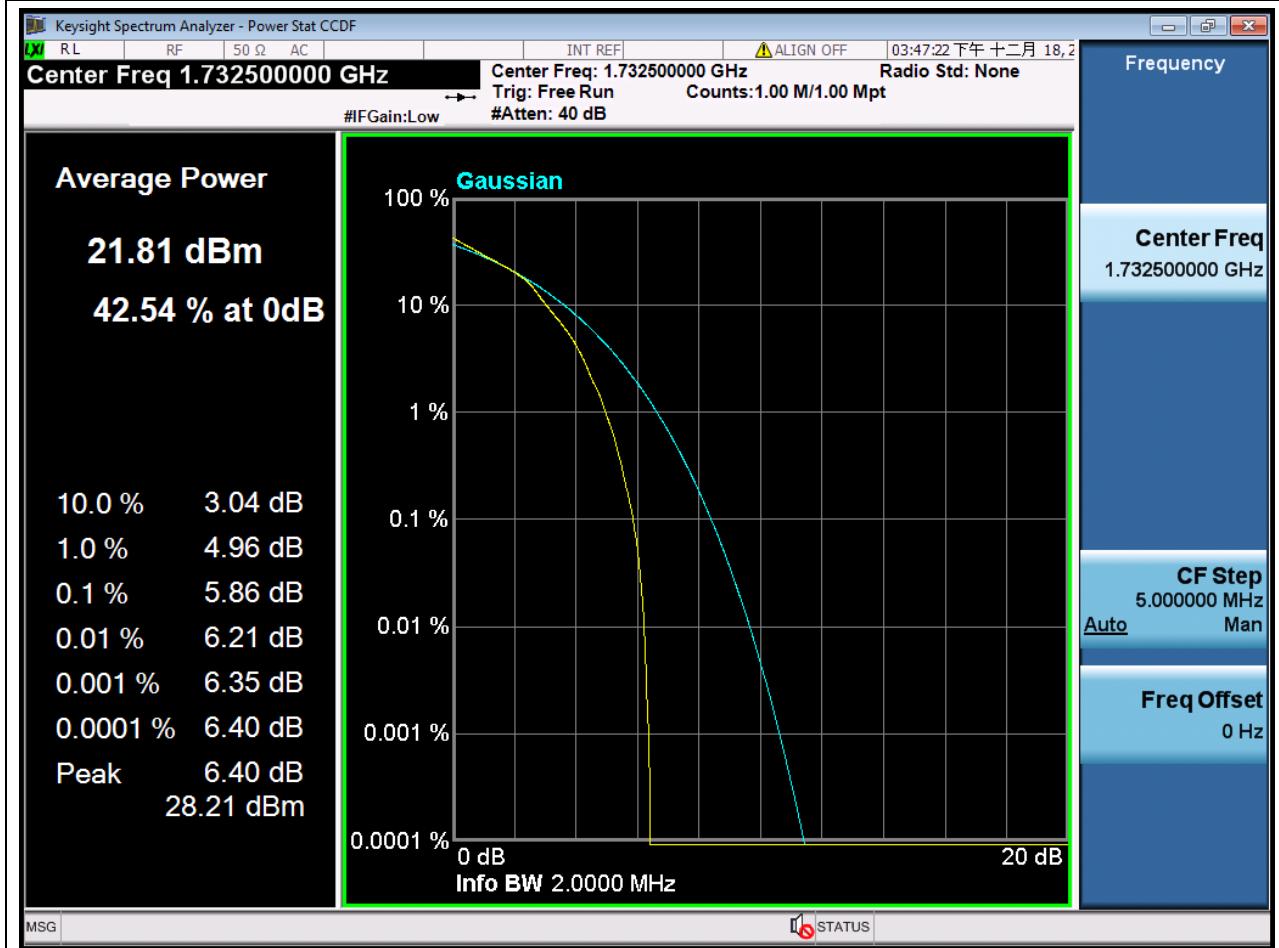
1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.89	13	Pass



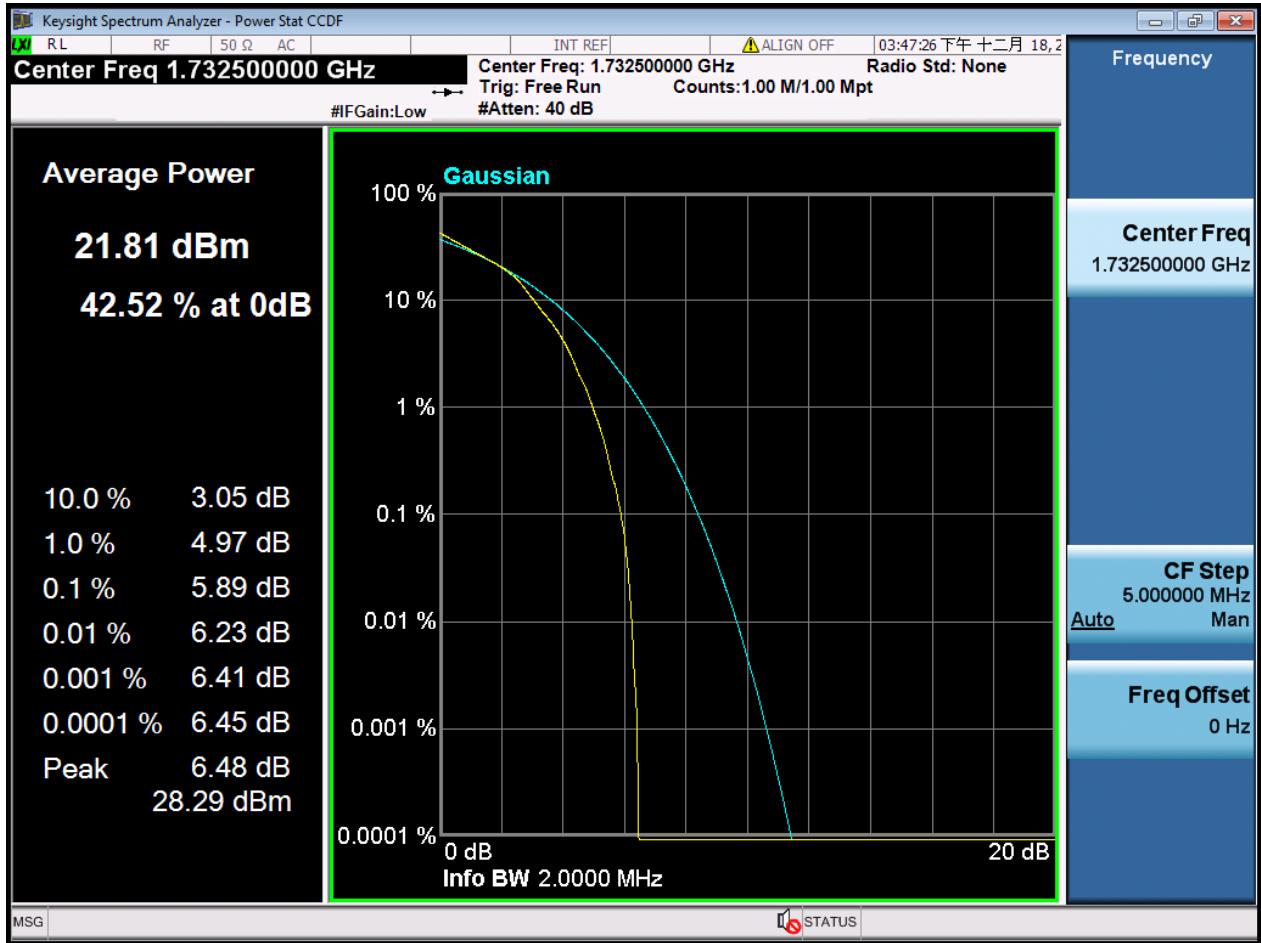
1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.86	13	Pass



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.89	13	Pass



Average Power
21.81 dBm
42.52 % at 0dB

10.0 %	3.05 dB
1.0 %	4.97 dB
0.1 %	5.89 dB
0.01 %	6.23 dB
0.001 %	6.41 dB
0.0001 %	6.45 dB
Peak	6.48 dB
	28.29 dBm

Gaussian

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

Frequency: 1.732500000 GHz

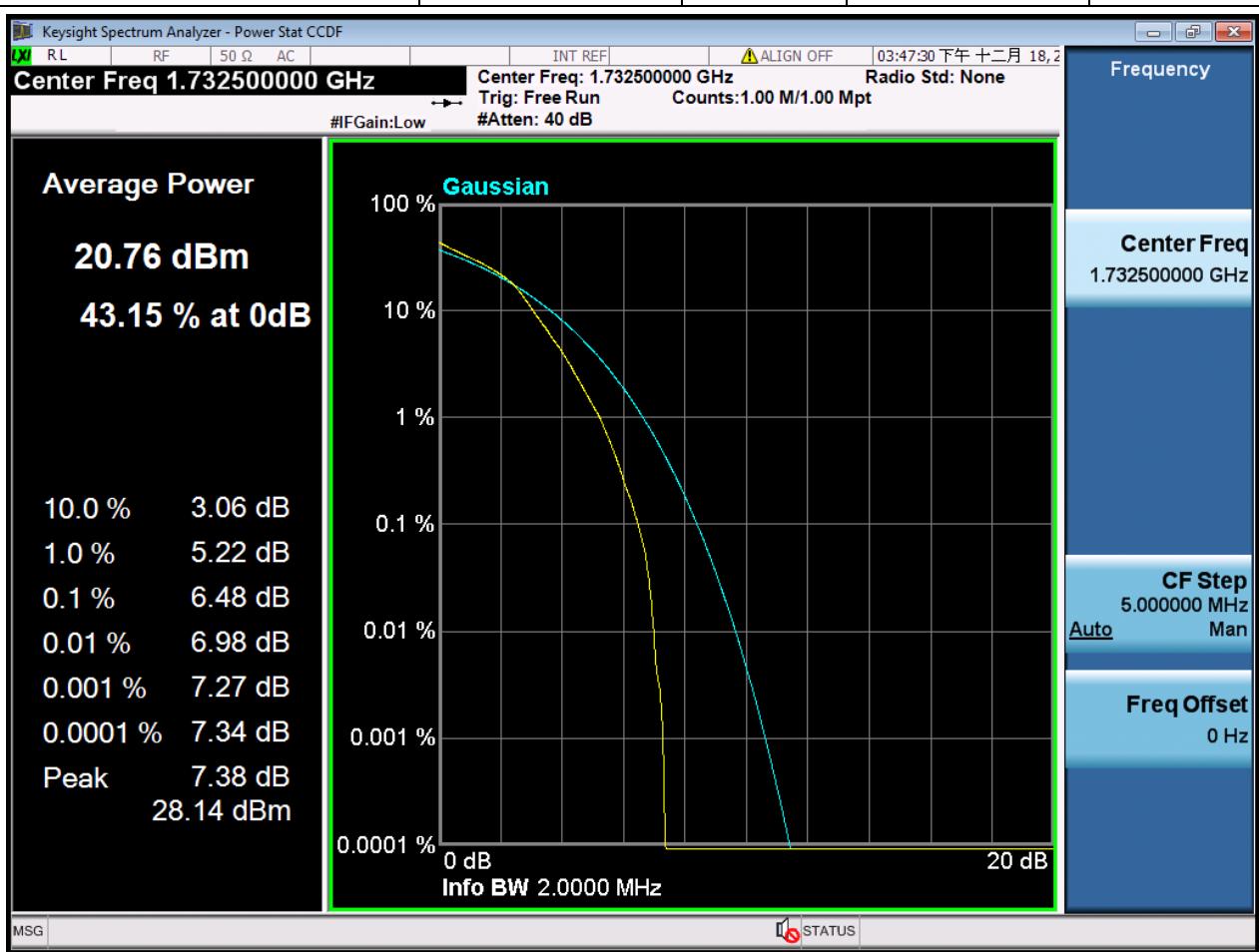
CF Step: 5.000000 MHz Man: Auto

Freq Offset: 0 Hz

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.48	13	Pass

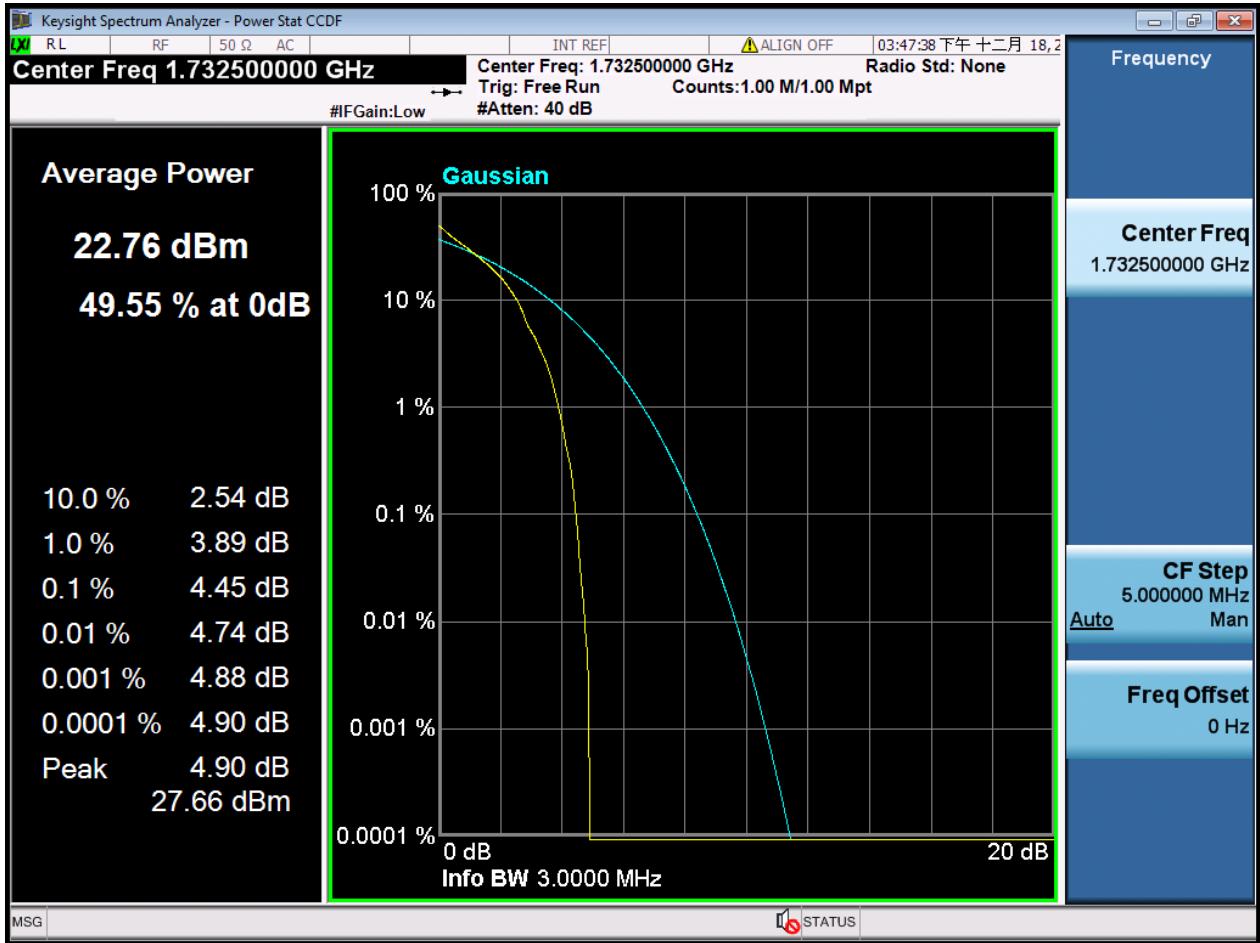


Average Power
20.76 dBm
43.15 % at 0dB

10.0 %	3.06 dB
1.0 %	5.22 dB
0.1 %	6.48 dB
0.01 %	6.98 dB
0.001 %	7.27 dB
0.0001 %	7.34 dB
Peak	7.38 dB
	28.14 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	4.45	13	Pass



Average Power
22.76 dBm
49.55 % at 0dB

10.0 %	2.54 dB
1.0 %	3.89 dB
0.1 %	4.45 dB
0.01 %	4.74 dB
0.001 %	4.88 dB
0.0001 %	4.90 dB
Peak	4.90 dB
	27.66 dBm

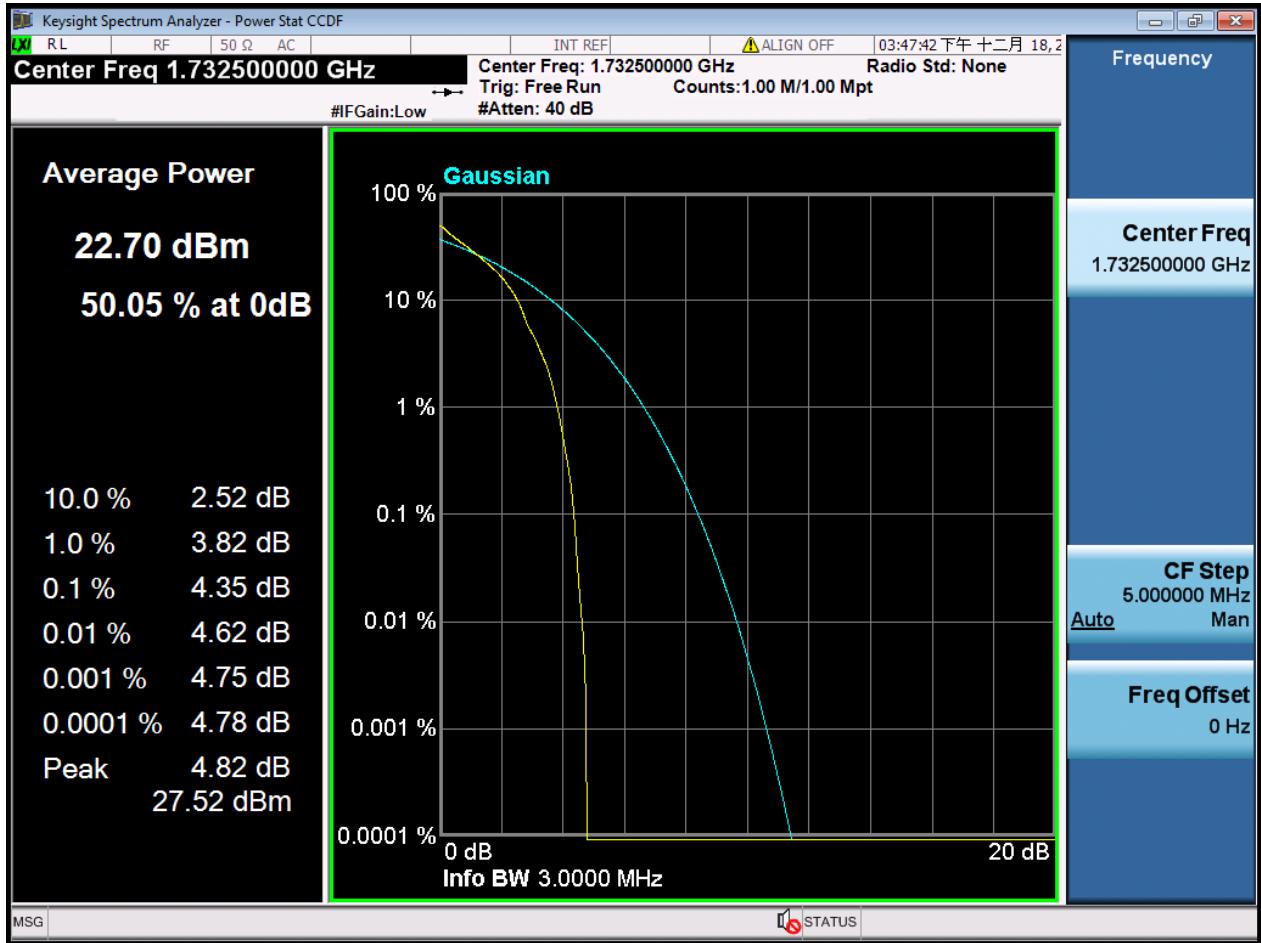
Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

1.16. 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	4.35	13	Pass

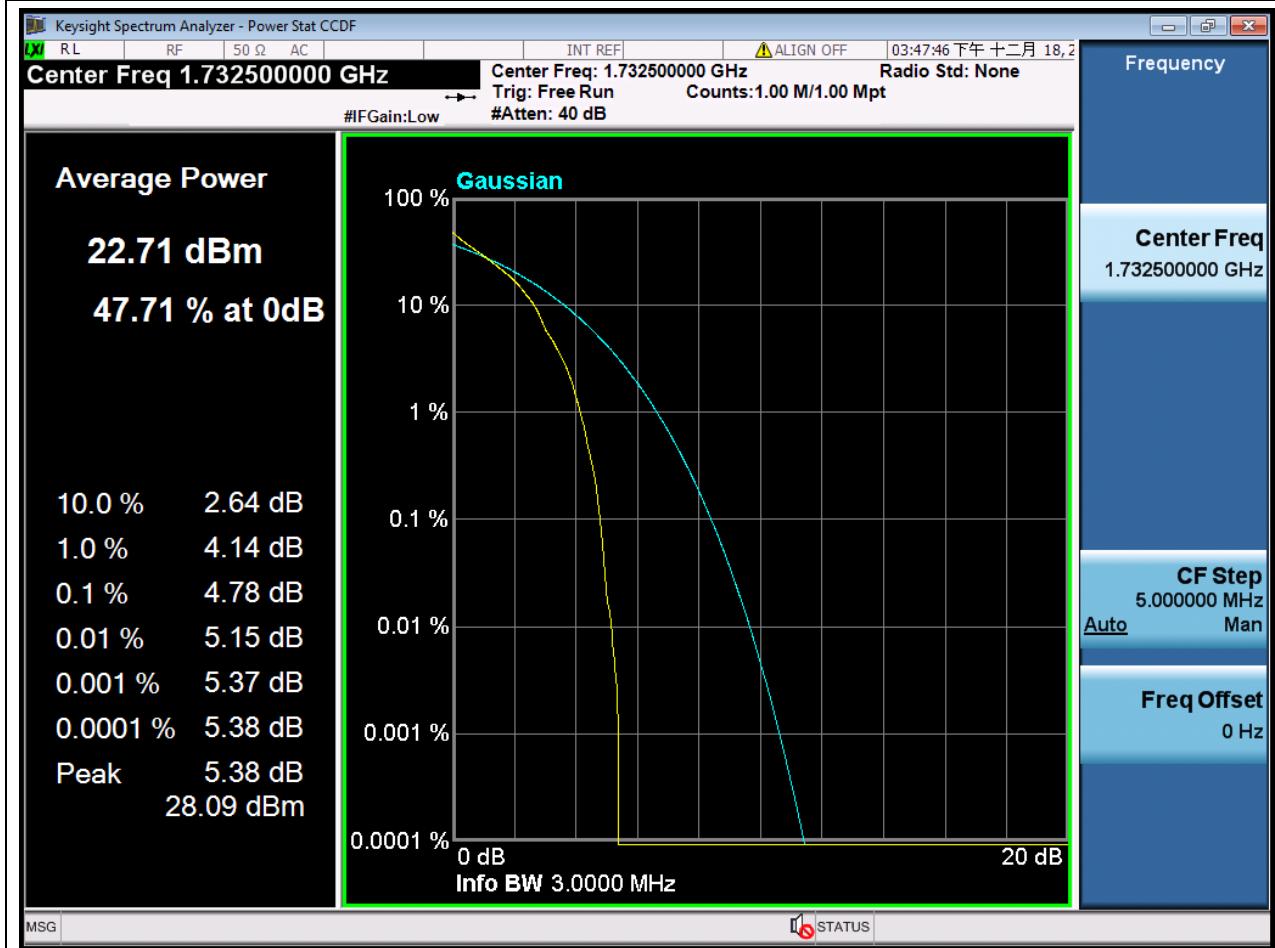


Average Power
22.70 dBm
50.05 % at 0dB

10.0 %	2.52 dB
1.0 %	3.82 dB
0.1 %	4.35 dB
0.01 %	4.62 dB
0.001 %	4.75 dB
0.0001 %	4.78 dB
Peak	4.82 dB
	27.52 dBm

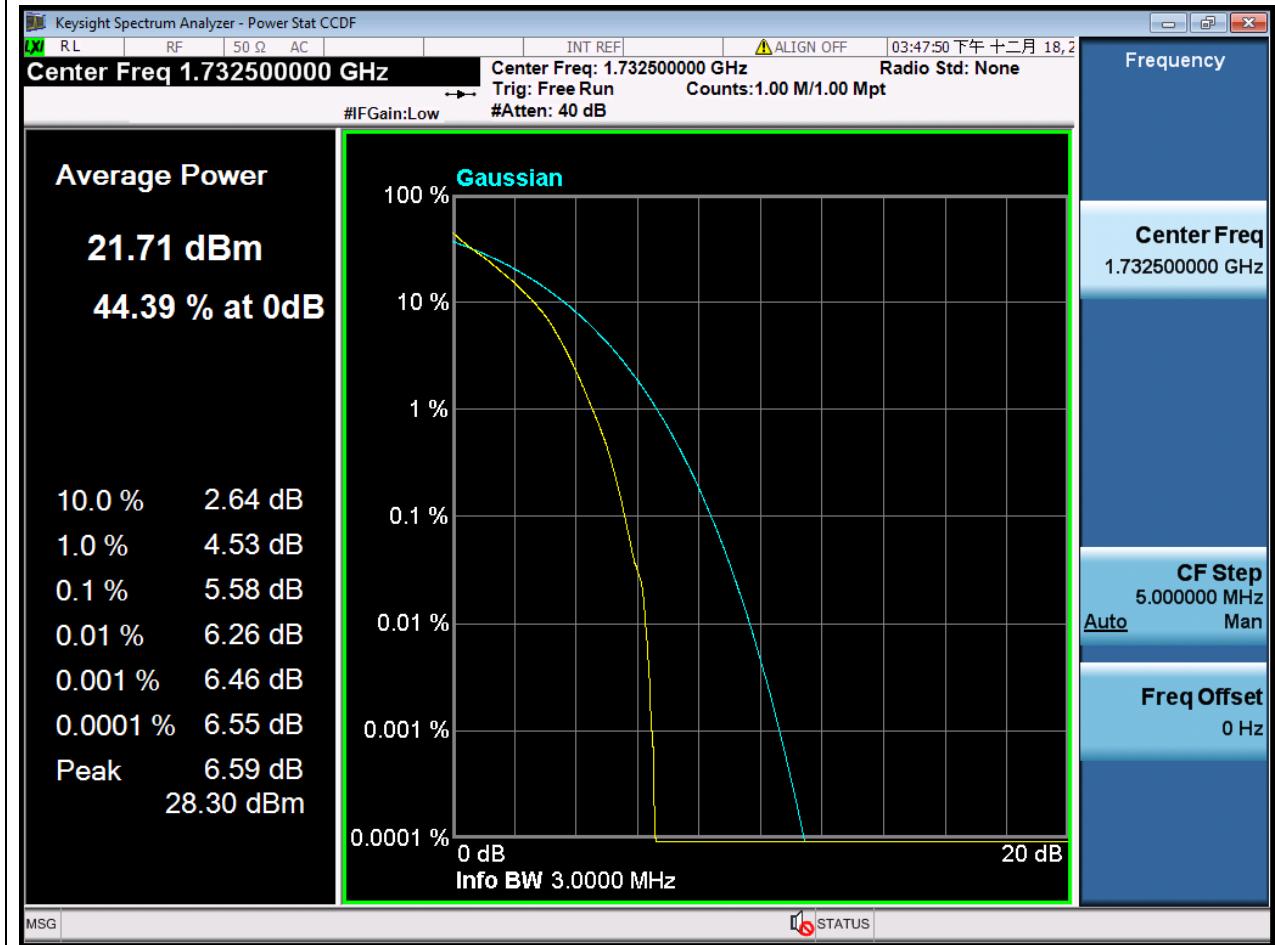
1.17. LTE Peak to Average Ratio(NTNV)(Subtest:17, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.78	13	Pass



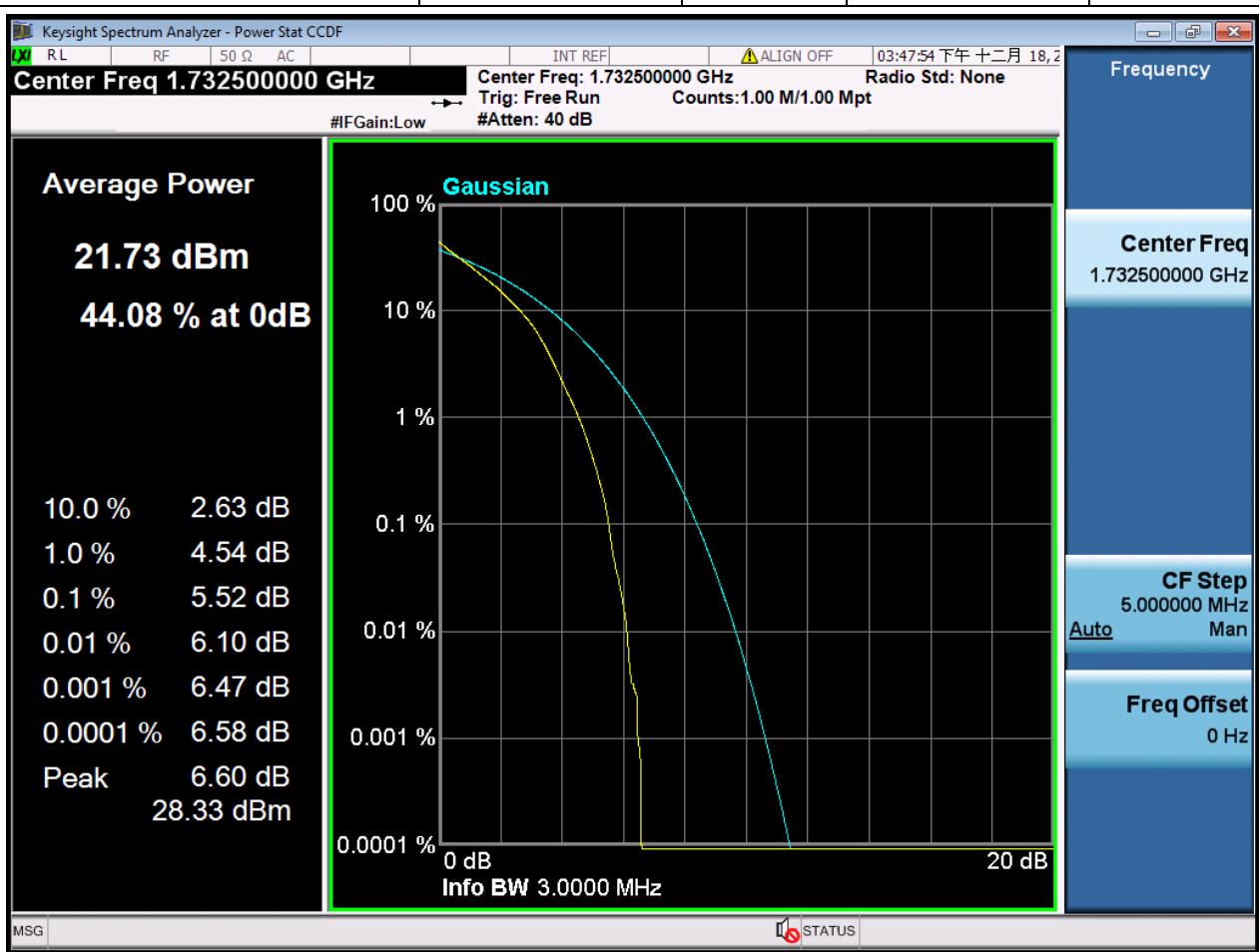
1.18. LTE Peak to Average Ratio(NTNV)(Subtest:18, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.58	13	Pass



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	5.52	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
21.73 dBm
44.08 % at 0dB

10.0 %	2.63 dB
1.0 %	4.54 dB
0.1 %	5.52 dB
0.01 %	6.10 dB
0.001 %	6.47 dB
0.0001 %	6.58 dB
Peak	6.60 dB
	28.33 dBm

Gaussian

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

0 dB 20 dB

Info BW 3.0000 MHz

Frequency
Center Freq 1.732500000 GHz

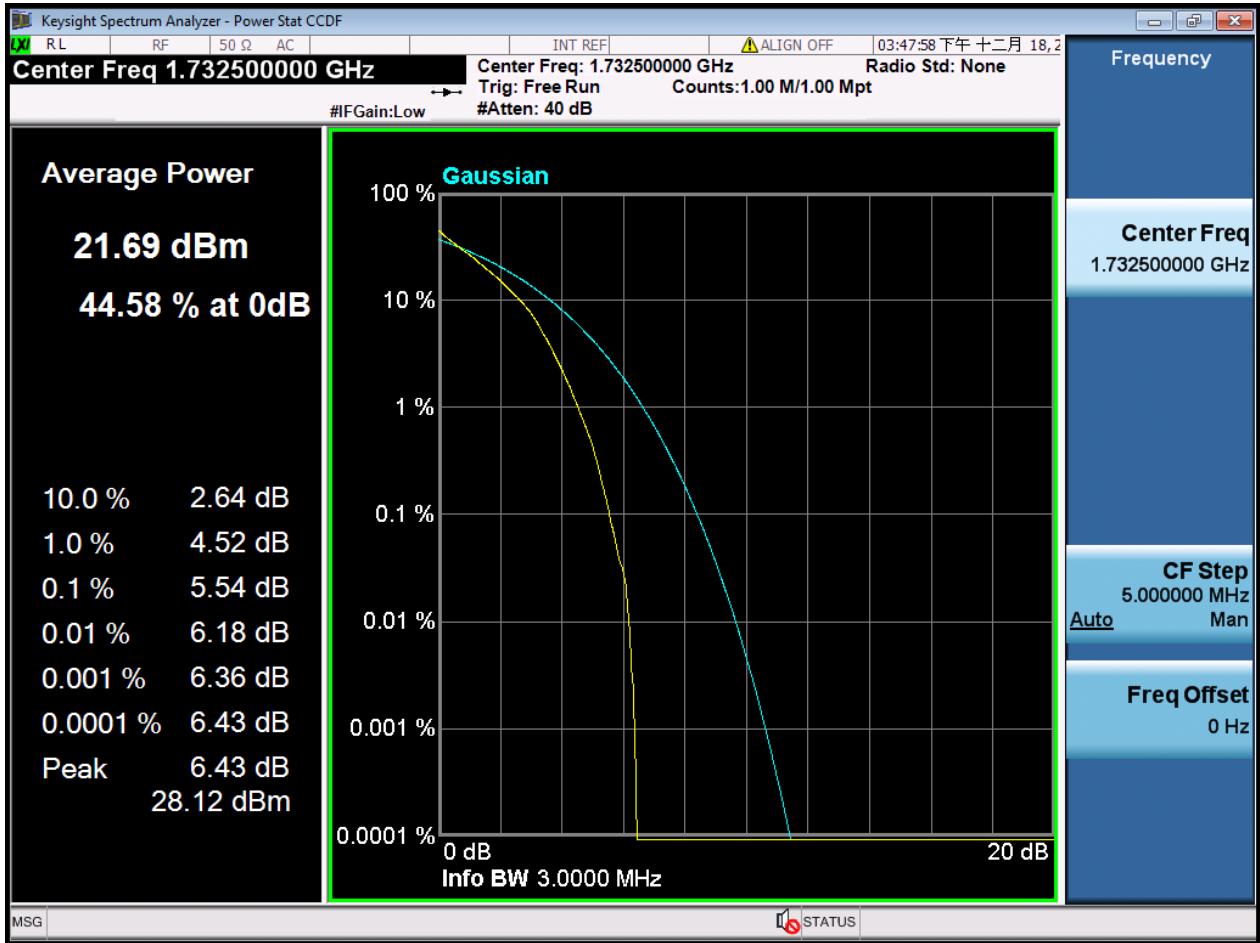
CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

MSG STATUS

1.20. 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	5.54	13	Pass



Average Power
21.69 dBm
44.58 % at 0dB

10.0 %	2.64 dB
1.0 %	4.52 dB
0.1 %	5.54 dB
0.01 %	6.18 dB
0.001 %	6.36 dB
0.0001 %	6.43 dB
Peak	6.43 dB
	28.12 dBm

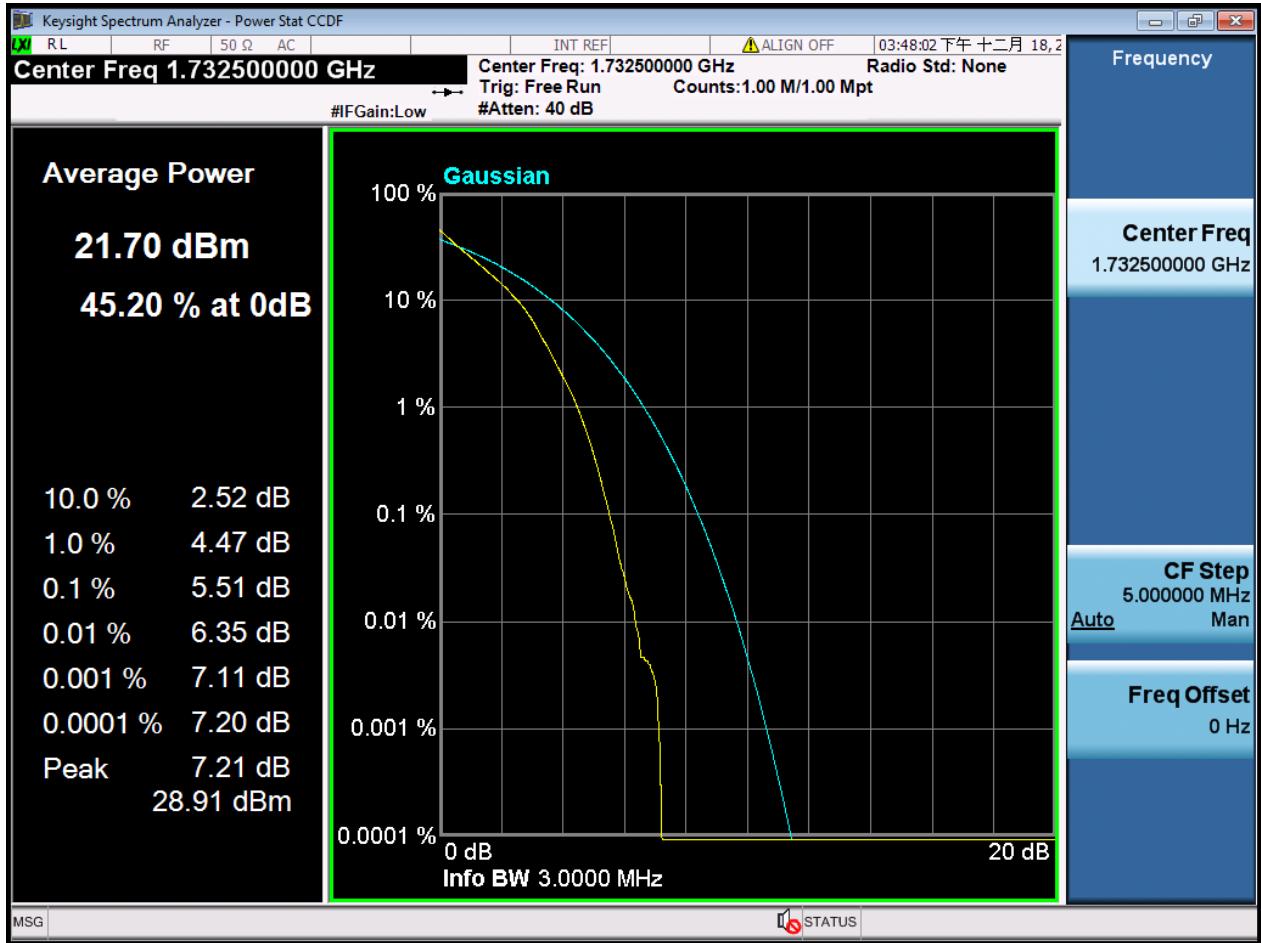
Center Freq 1.732500000 GHz
Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

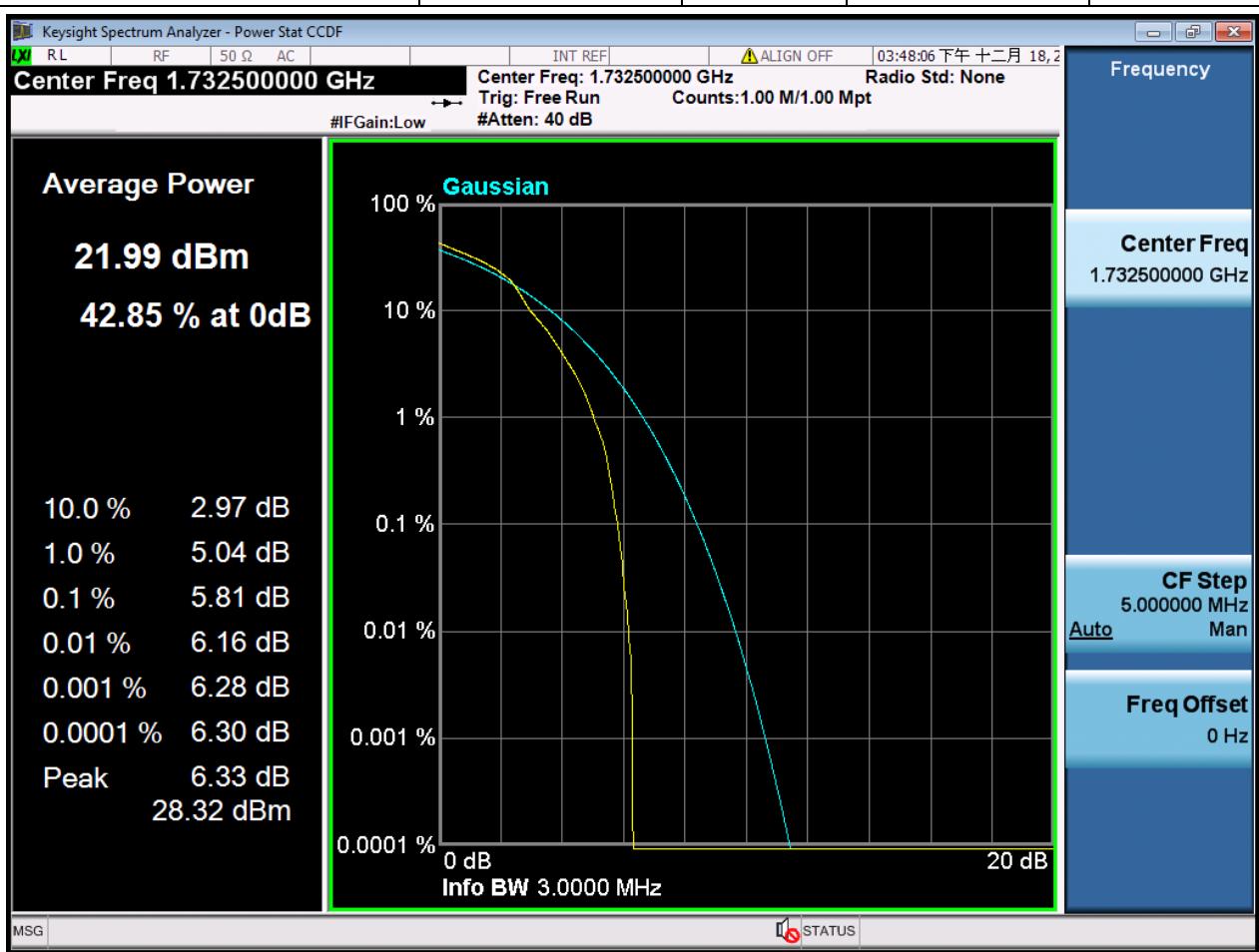
1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.51	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	5.81	13	Pass



Average Power
21.99 dBm
42.85 % at 0dB

10.0 %	2.97 dB
1.0 %	5.04 dB
0.1 %	5.81 dB
0.01 %	6.16 dB
0.001 %	6.28 dB
0.0001 %	6.30 dB
Peak	6.33 dB
	28.32 dBm

Gaussian

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

0 dB Info BW 3.0000 MHz 20 dB

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

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	5.74	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:48:10 下午 十二月 18, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.91 dBm
43.12 % at 0dB

10.0 % 2.96 dB
1.0 % 4.98 dB
0.1 % 5.74 dB
0.01 % 6.06 dB
0.001 % 6.17 dB
0.0001 % 6.19 dB
Peak 6.21 dB
28.12 dBm

Gaussian



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	5.67	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:48:14 下午 十二月 18, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.94 dBm
43.27 % at 0dB

10.0 % 2.95 dB
1.0 % 4.94 dB
0.1 % 5.67 dB
0.01 % 5.96 dB
0.001 % 6.15 dB
0.0001 % 6.19 dB
Peak 6.24 dB
28.18 dBm

Gaussian



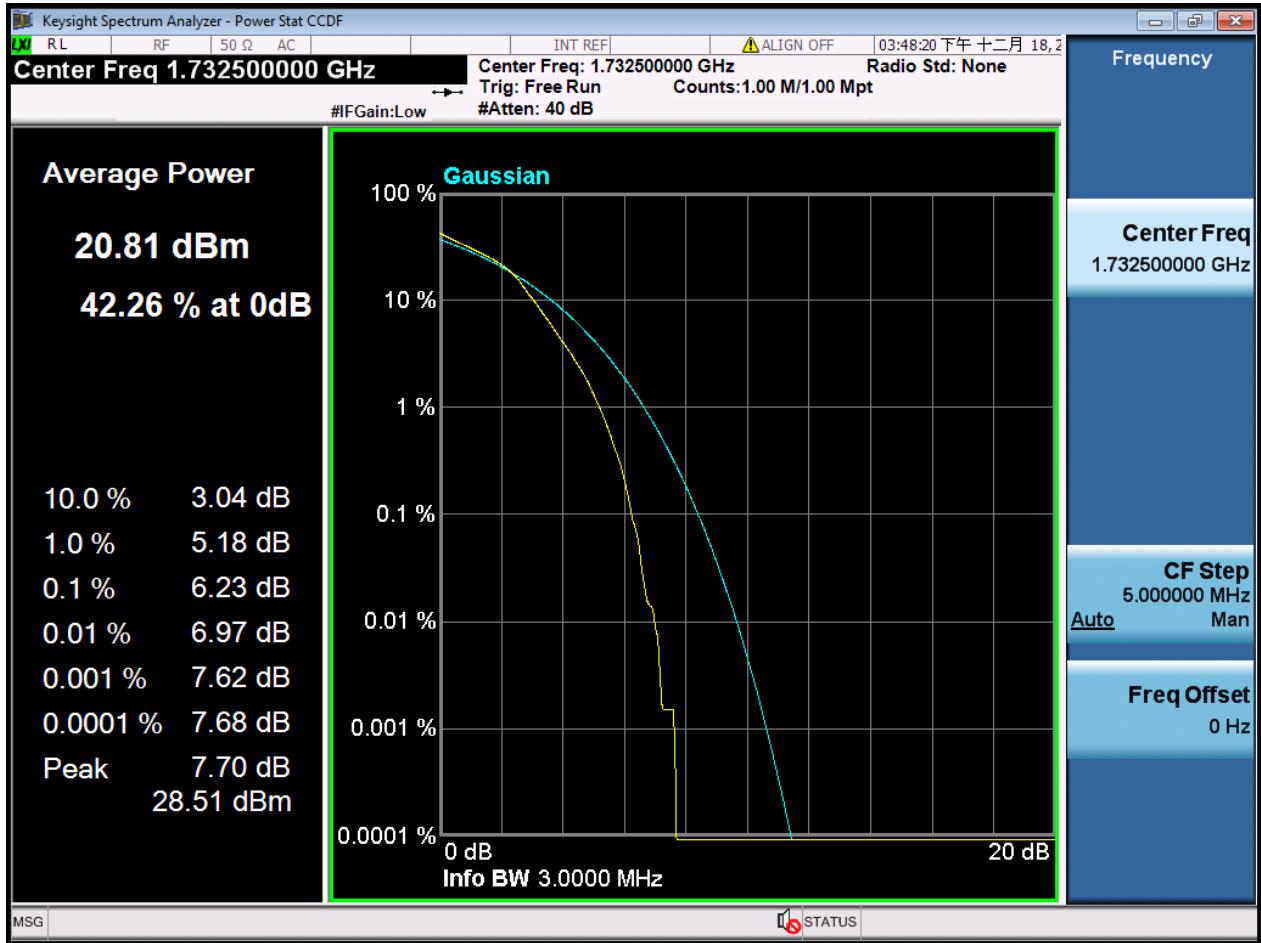
Info BW 3.0000 MHz

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

MSG STATUS

1.25. 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	6.23	13	Pass



Average Power
20.81 dBm
42.26 % at 0dB

10.0 %	3.04 dB
1.0 %	5.18 dB
0.1 %	6.23 dB
0.01 %	6.97 dB
0.001 %	7.62 dB
0.0001 %	7.68 dB
Peak	7.70 dB
	28.51 dBm

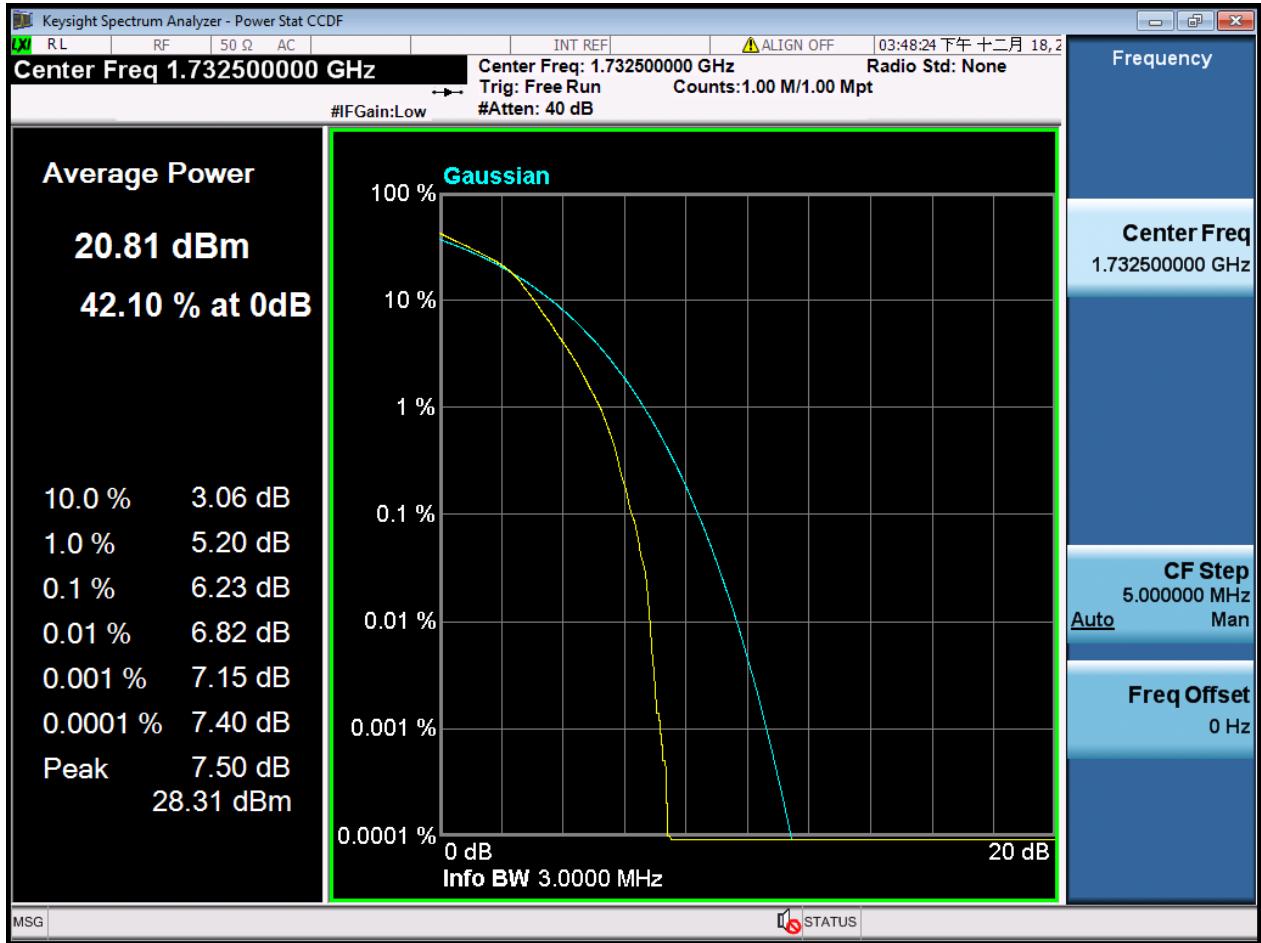
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

1.26. 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	6.23	13	Pass



Average Power
20.81 dBm
42.10 % at 0dB

10.0 %	3.06 dB
1.0 %	5.20 dB
0.1 %	6.23 dB
0.01 %	6.82 dB
0.001 %	7.15 dB
0.0001 %	7.40 dB
Peak	7.50 dB
	28.31 dBm

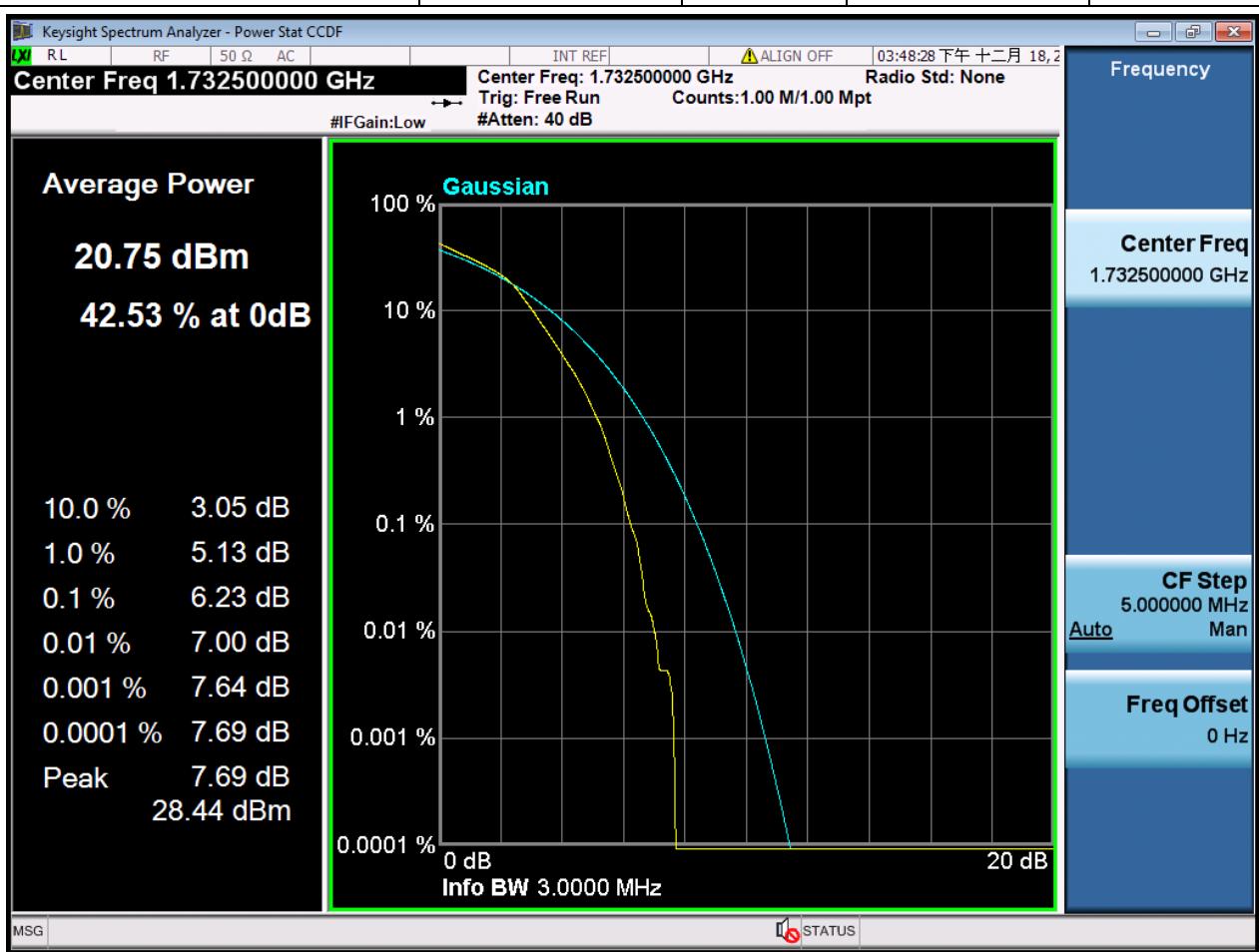
Center Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

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

MSG STATUS

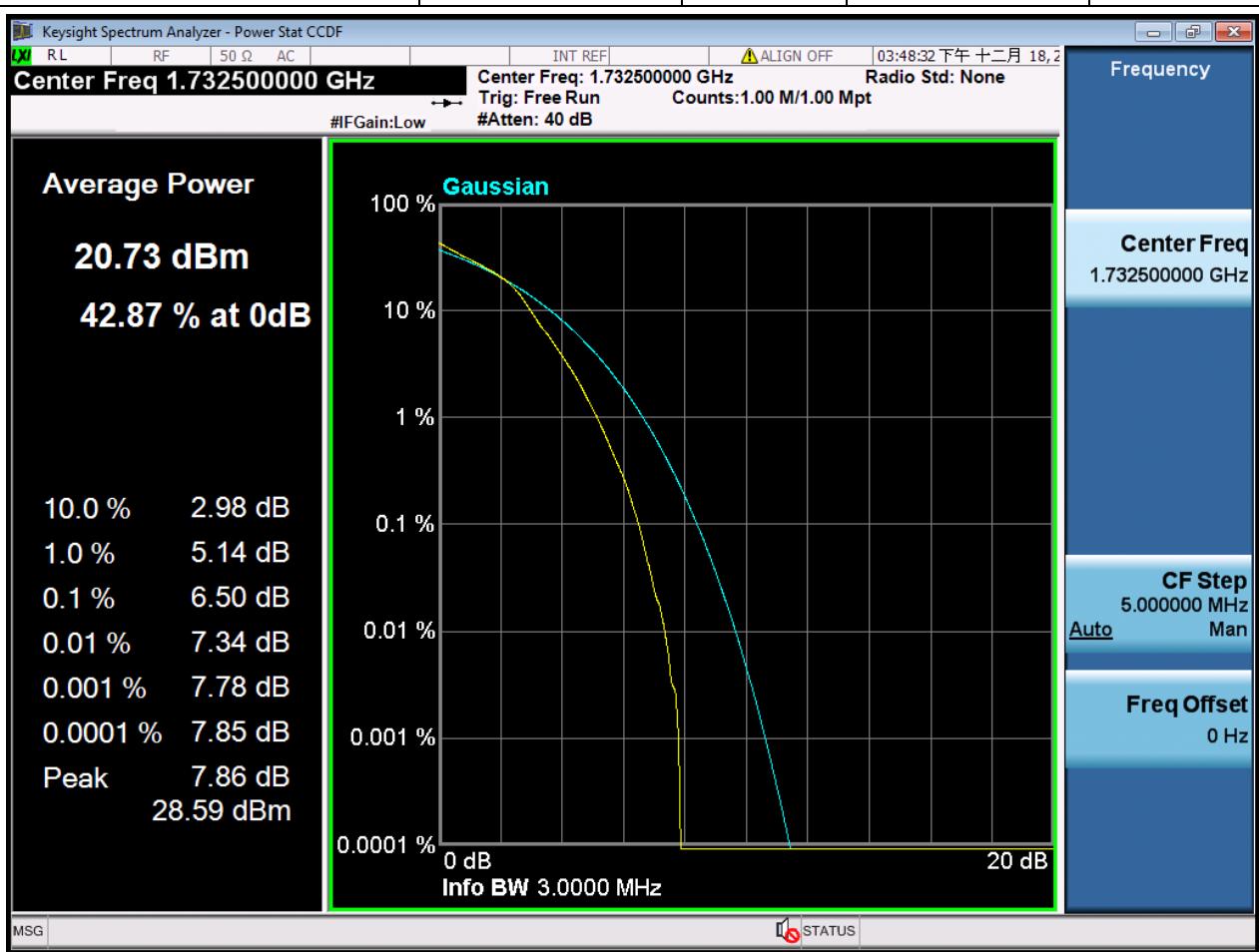
1.27. LTE Peak to Average Ratio(NTNV)(Subtest:27, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.23	13	Pass



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	6.5	13	Pass

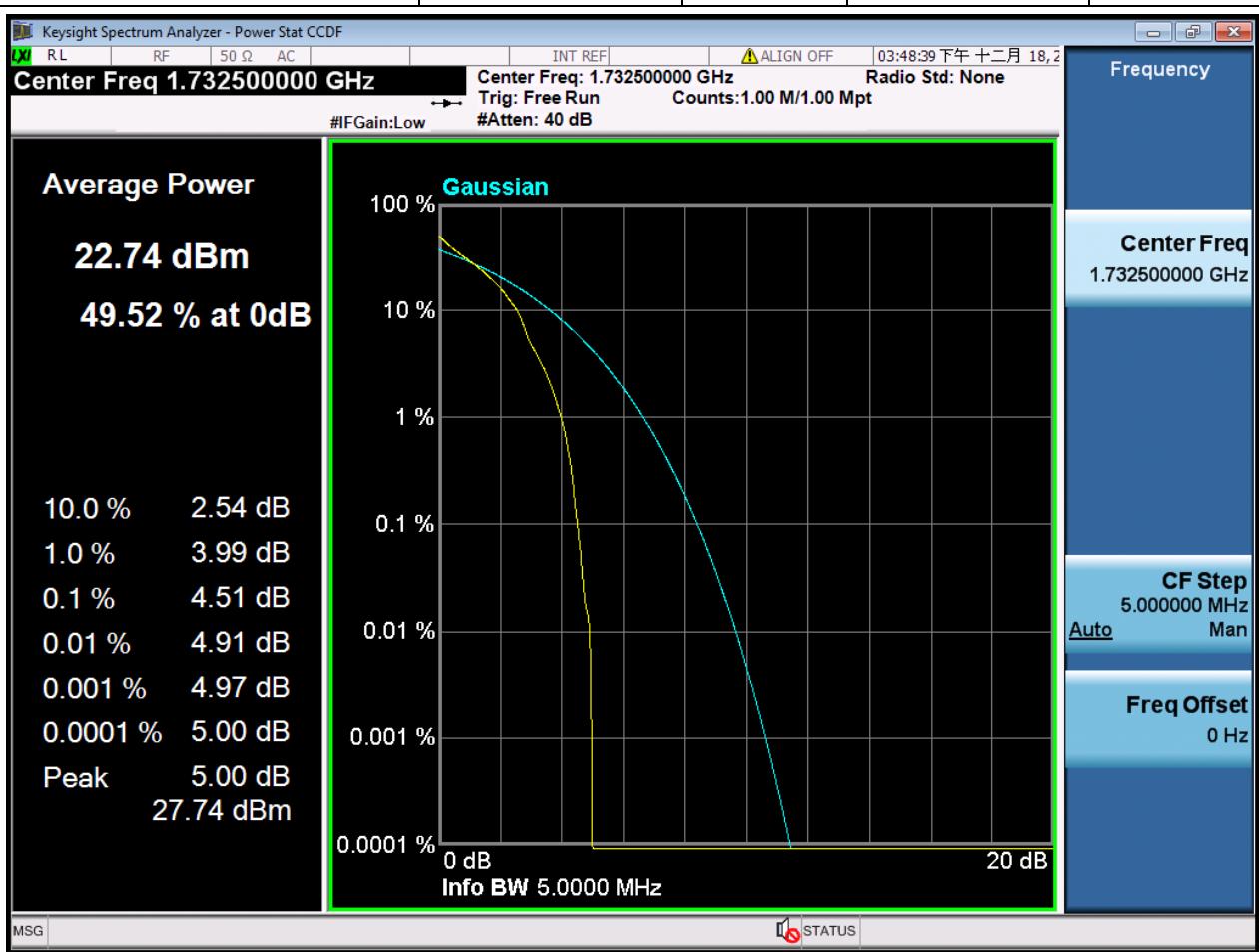


Average Power
20.73 dBm
42.87 % at 0dB

10.0 %	2.98 dB
1.0 %	5.14 dB
0.1 %	6.50 dB
0.01 %	7.34 dB
0.001 %	7.78 dB
0.0001 %	7.85 dB
Peak	7.86 dB
	28.59 dBm

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	4.51	13	Pass



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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:48:43 下午 十二月 18, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.70 dBm
50.41 % at 0dB

10.0 % 2.47 dB
1.0 % 3.81 dB
0.1 % 4.30 dB
0.01 % 4.60 dB
0.001 % 4.73 dB
0.0001 % 4.75 dB
Peak 4.75 dB
27.45 dBm

Gaussian



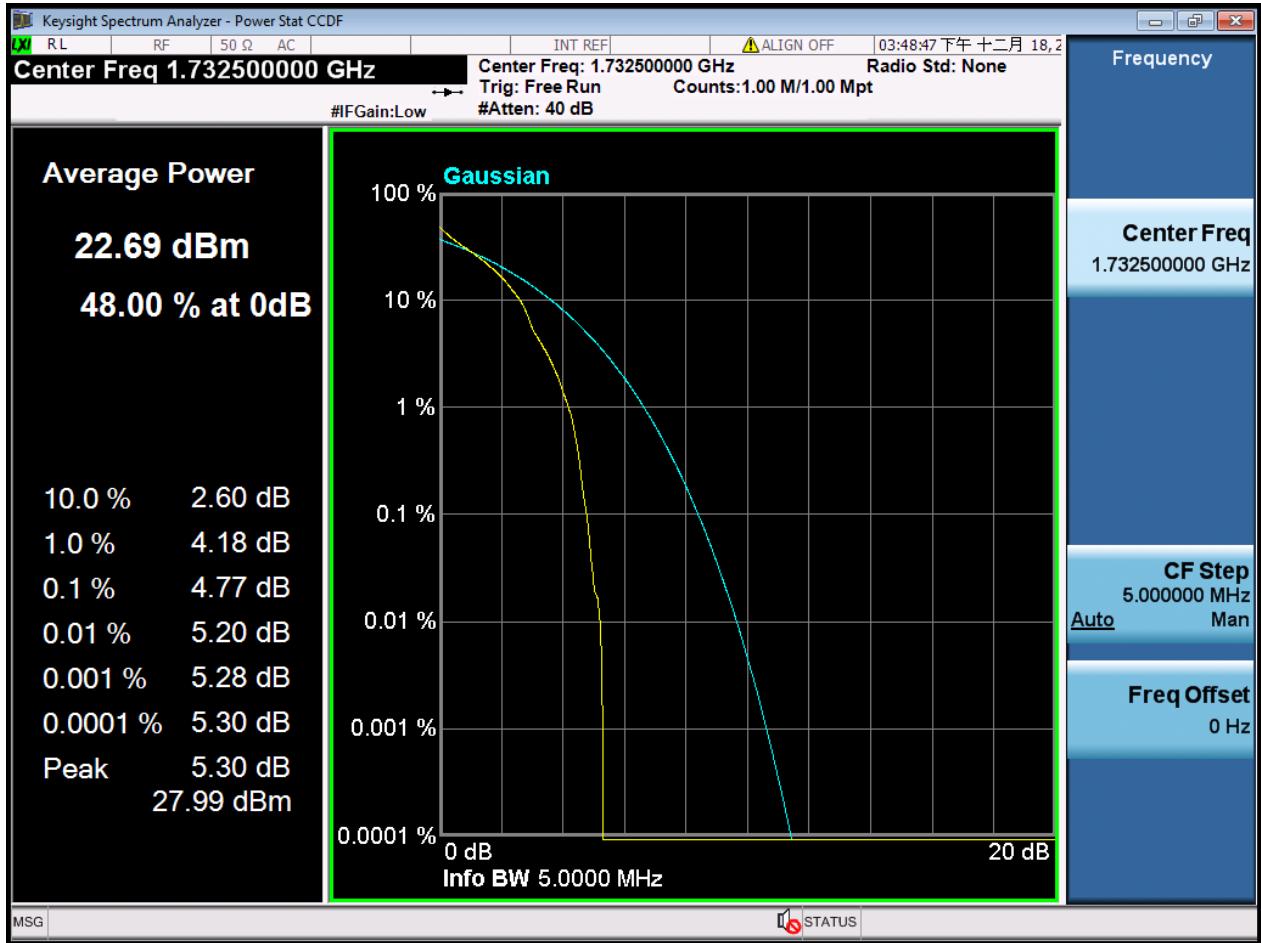
Info BW 5.0000 MHz

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

MSG STATUS

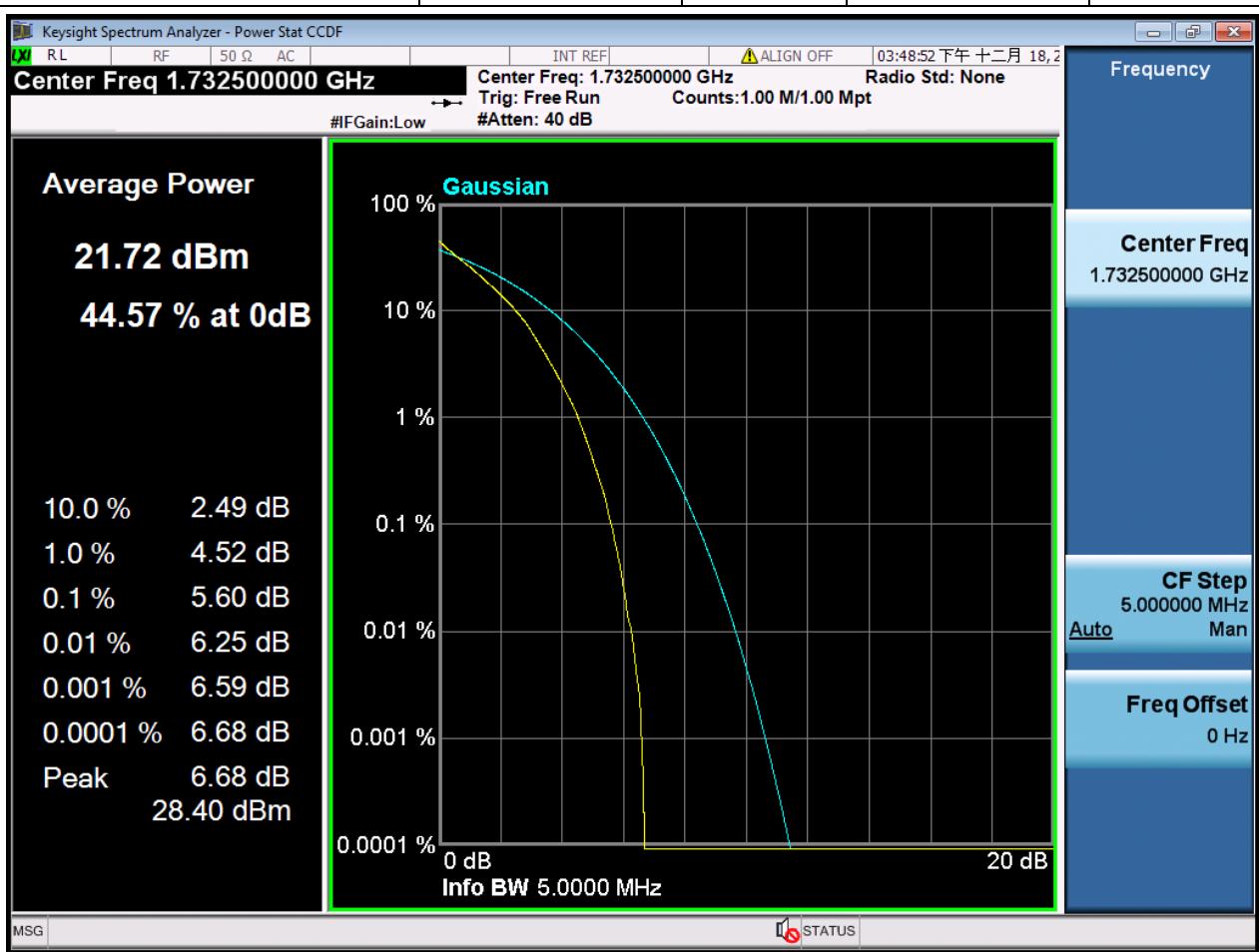
1.31. LTE Peak to Average Ratio(NTNV)(Subtest:31, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.77	13	Pass



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	5.6	13	Pass



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	5.5	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:48:56 下午 十二月 18, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.75 dBm
44.91 % at 0dB

10.0 % 2.51 dB
1.0 % 4.51 dB
0.1 % 5.50 dB
0.01 % 6.15 dB
0.001 % 6.49 dB
0.0001 % 6.58 dB
Peak 6.59 dB
28.34 dBm

Gaussian



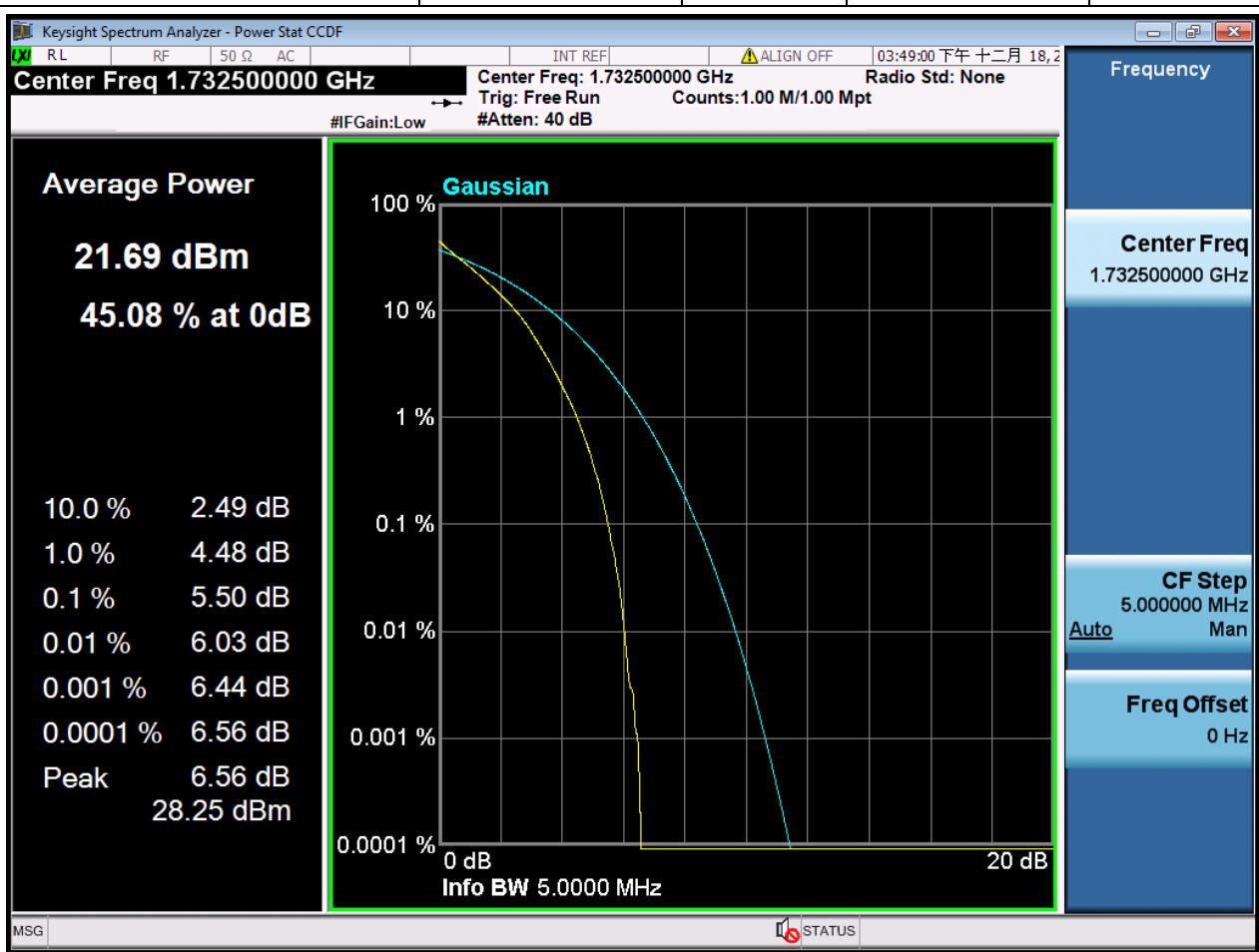
0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

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

MSG STATUS

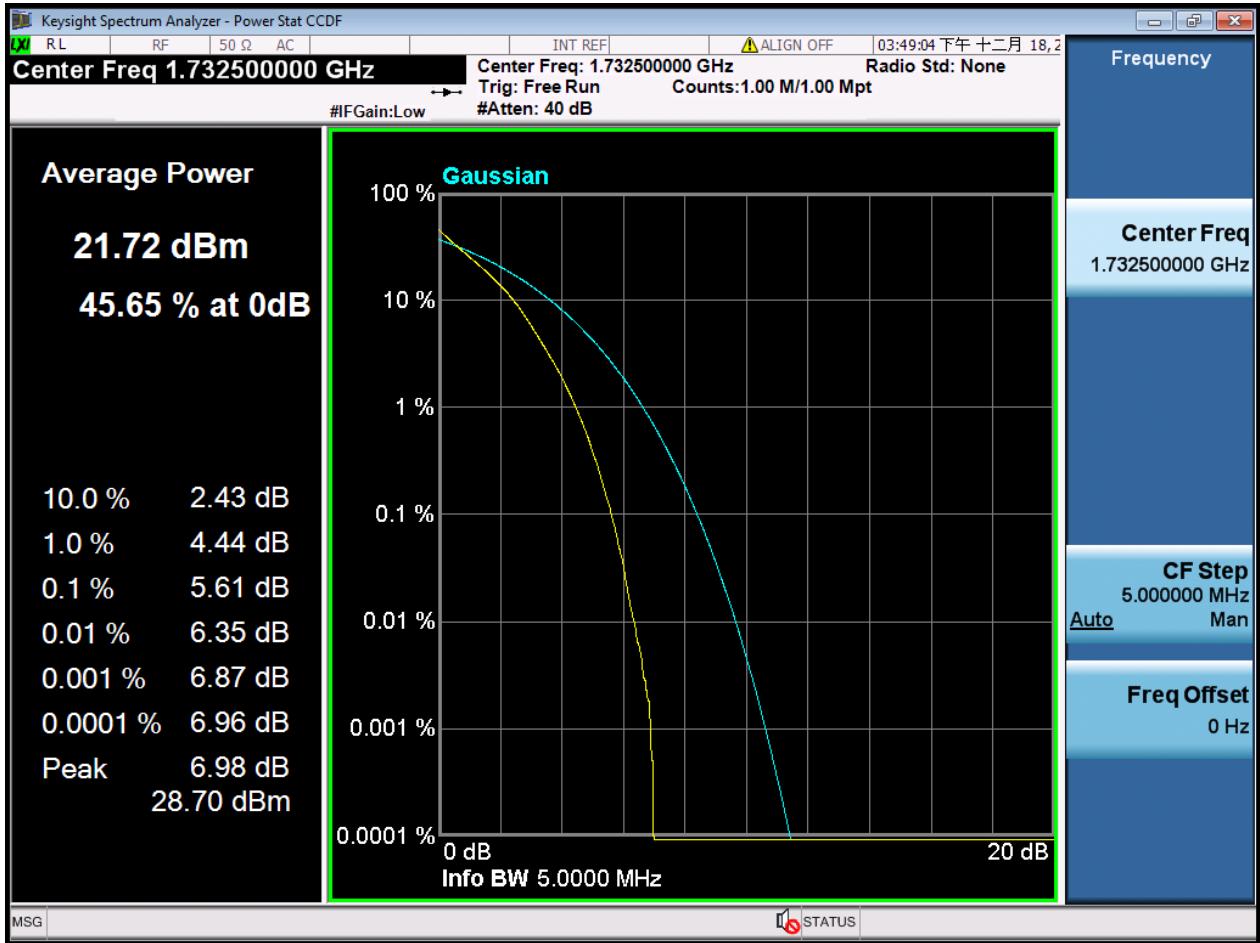
1.34. LTE Peak to Average Ratio(NTNV)(Subtest:34, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.5	13	Pass



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	5.61	13	Pass



Average Power
21.72 dBm
45.65 % at 0dB

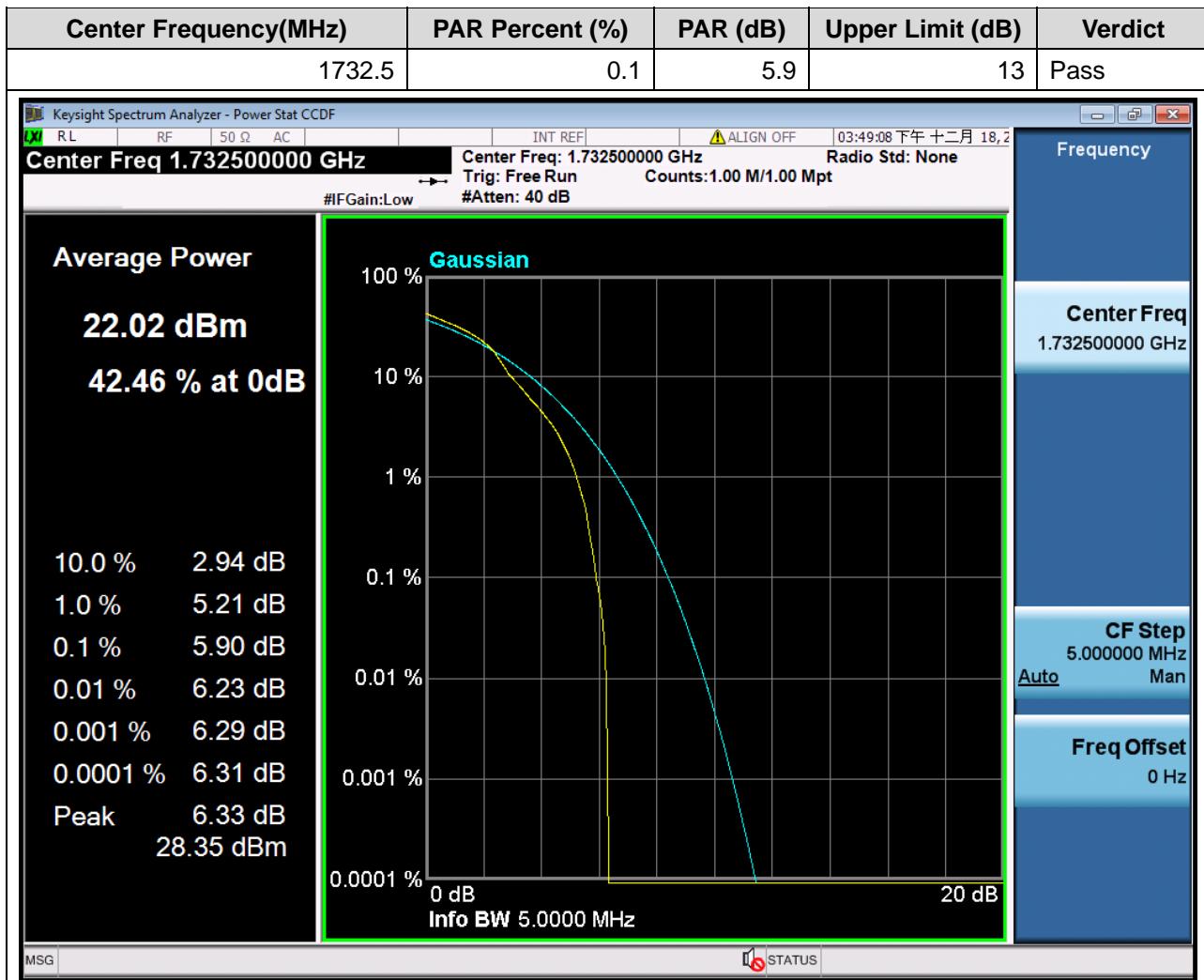
10.0 %	2.43 dB
1.0 %	4.44 dB
0.1 %	5.61 dB
0.01 %	6.35 dB
0.001 %	6.87 dB
0.0001 %	6.96 dB
Peak	6.98 dB
	28.70 dBm

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
Freq Offset 0 Hz

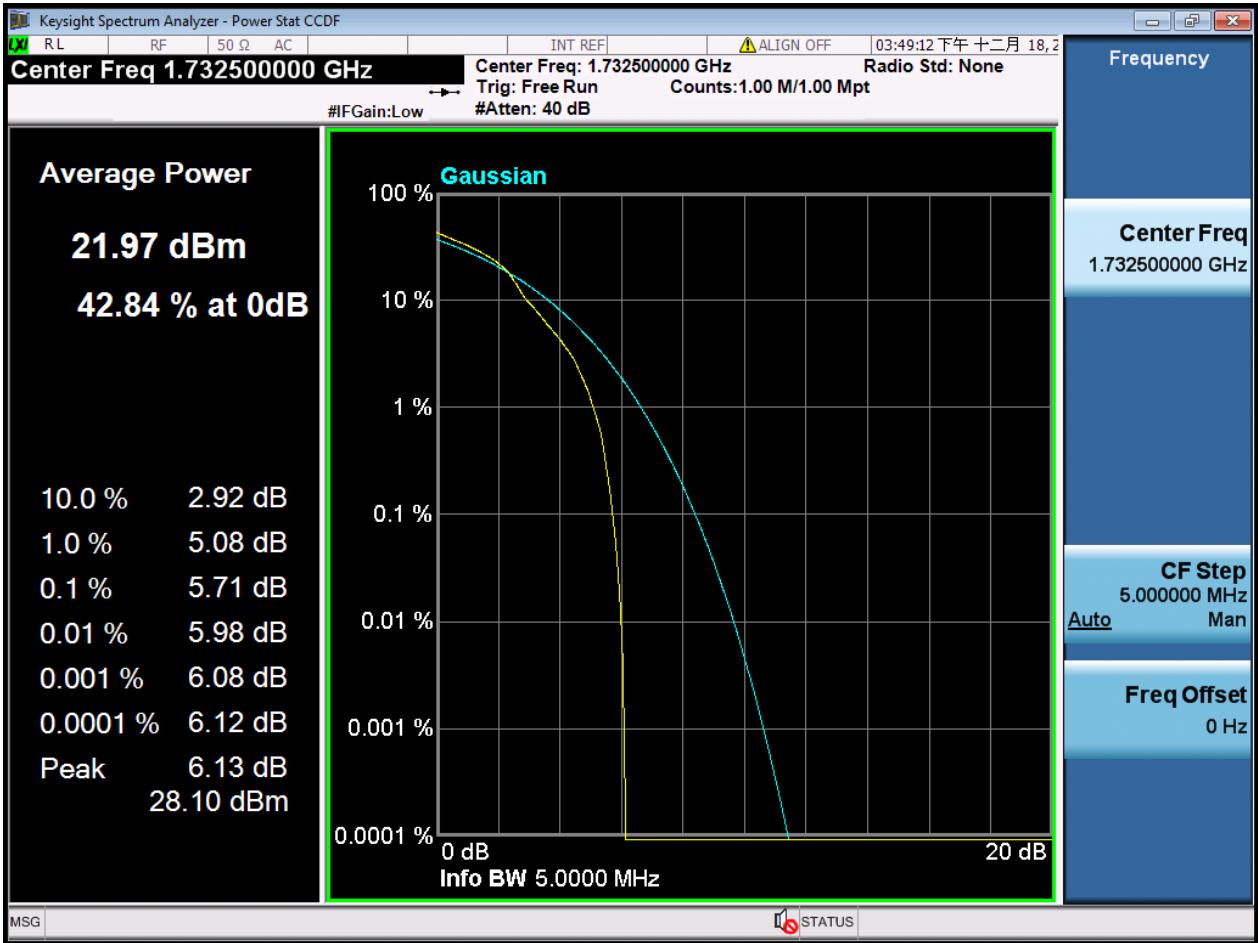
MSG STATUS

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



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	5.71	13	Pass



Average Power
21.97 dBm
42.84 % at 0dB

10.0 %	2.92 dB
1.0 %	5.08 dB
0.1 %	5.71 dB
0.01 %	5.98 dB
0.001 %	6.08 dB
0.0001 %	6.12 dB
Peak	6.13 dB
	28.10 dBm

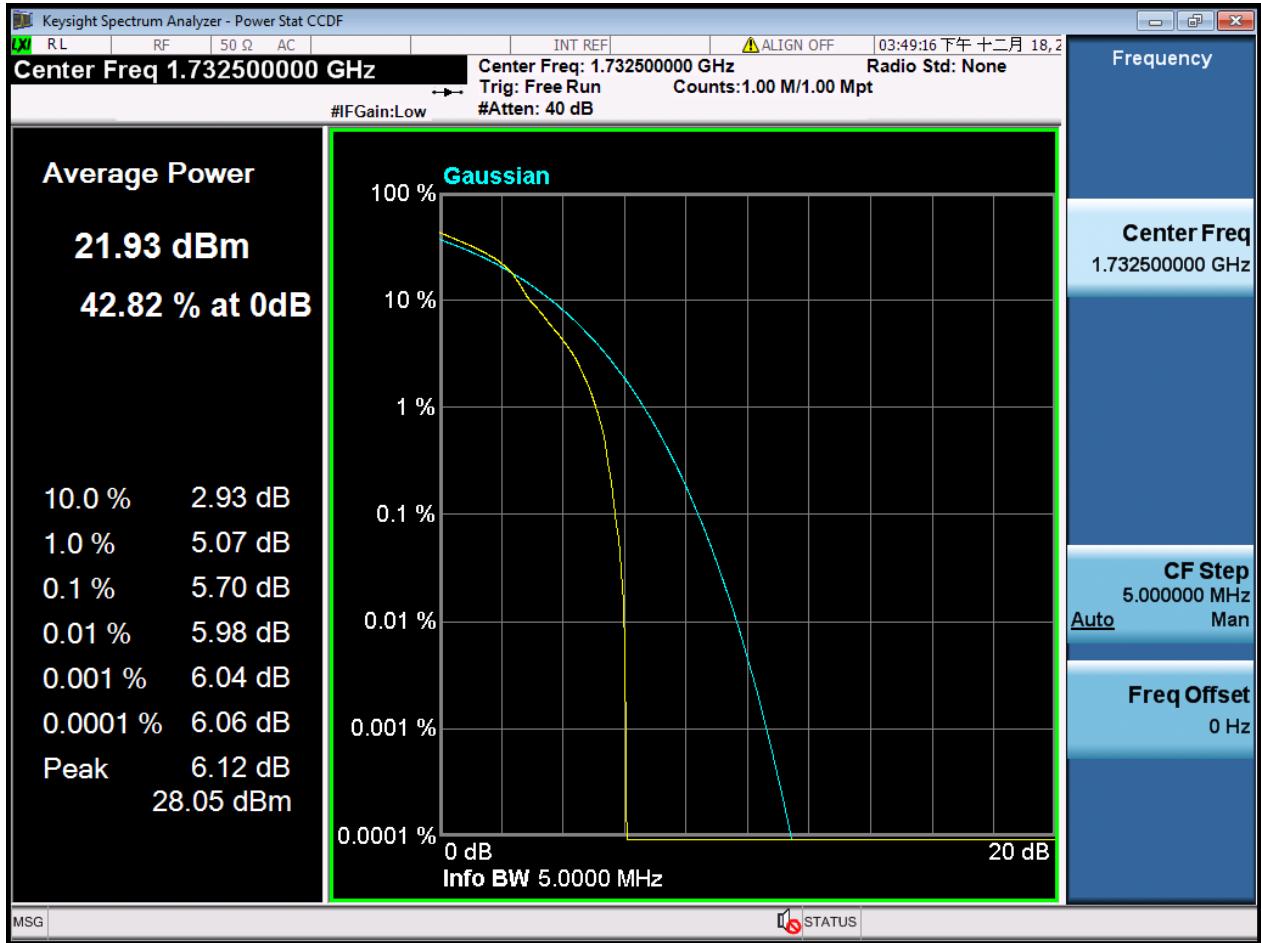
Center Freq
1.732500000 GHz

 CF Step
5.000000 MHz
Man

 Freq Offset
0 Hz

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	5.7	13	Pass

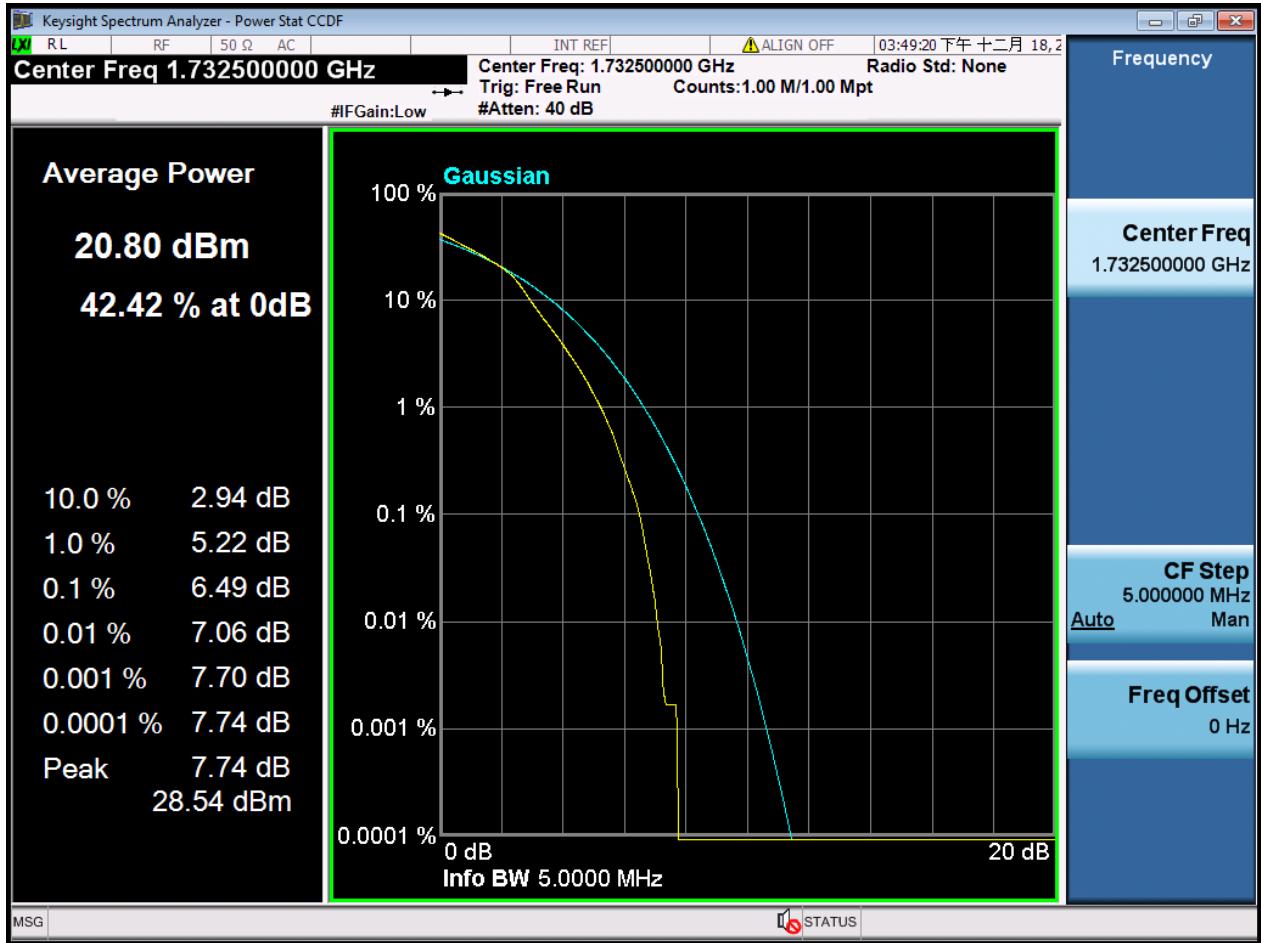


Average Power
21.93 dBm
42.82 % at 0dB

10.0 %	2.93 dB
1.0 %	5.07 dB
0.1 %	5.70 dB
0.01 %	5.98 dB
0.001 %	6.04 dB
0.0001 %	6.06 dB
Peak	6.12 dB
	28.05 dBm

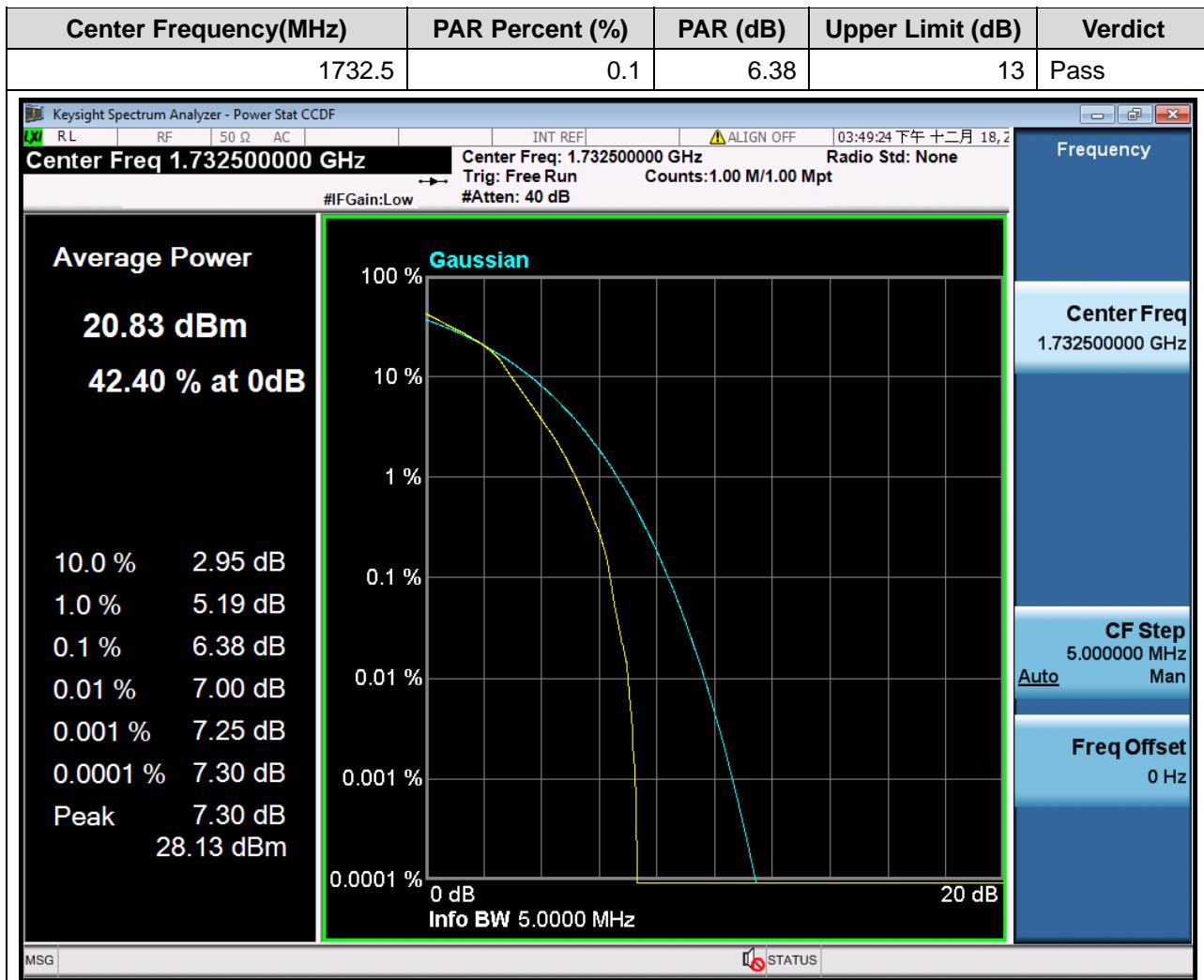
1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.49	13	Pass



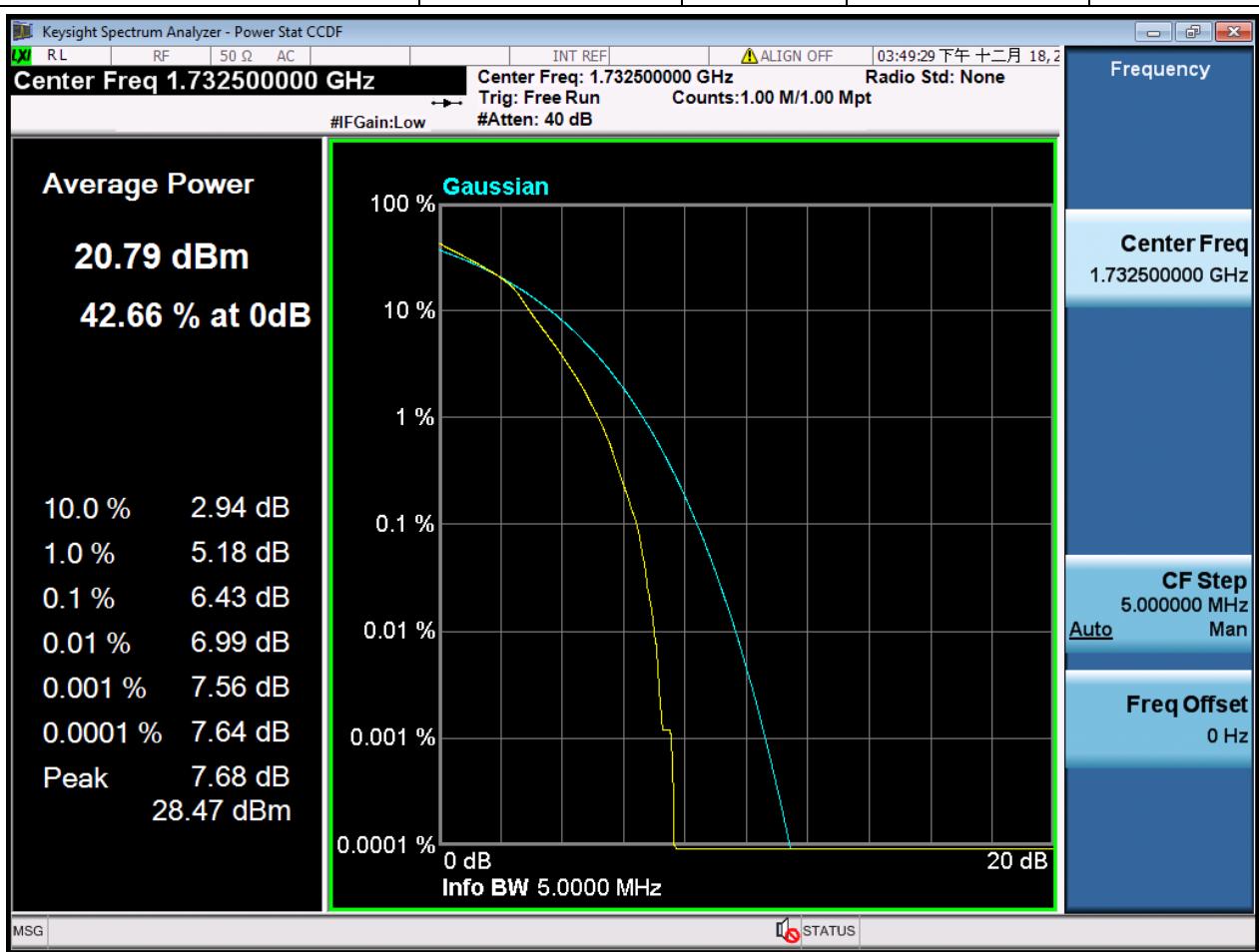
10.0 %	2.94 dB
1.0 %	5.22 dB
0.1 %	6.49 dB
0.01 %	7.06 dB
0.001 %	7.70 dB
0.0001 %	7.74 dB
Peak	7.74 dB
	28.54 dBm

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



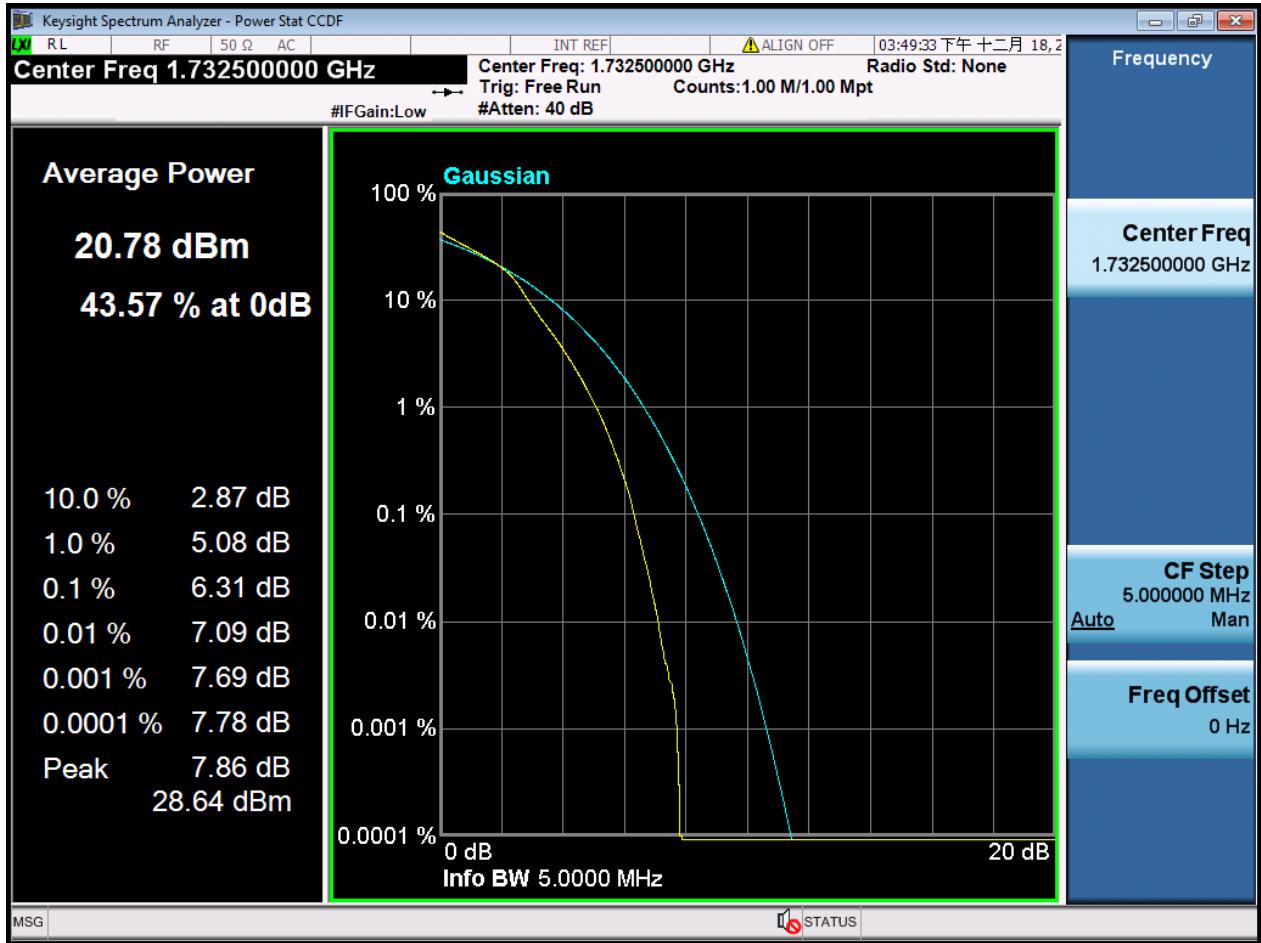
1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.43	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	6.31	13	Pass



Average Power
20.78 dBm
43.57 % at 0dB

10.0 %	2.87 dB
1.0 %	5.08 dB
0.1 %	6.31 dB
0.01 %	7.09 dB
0.001 %	7.69 dB
0.0001 %	7.78 dB
Peak	7.86 dB
	28.64 dBm

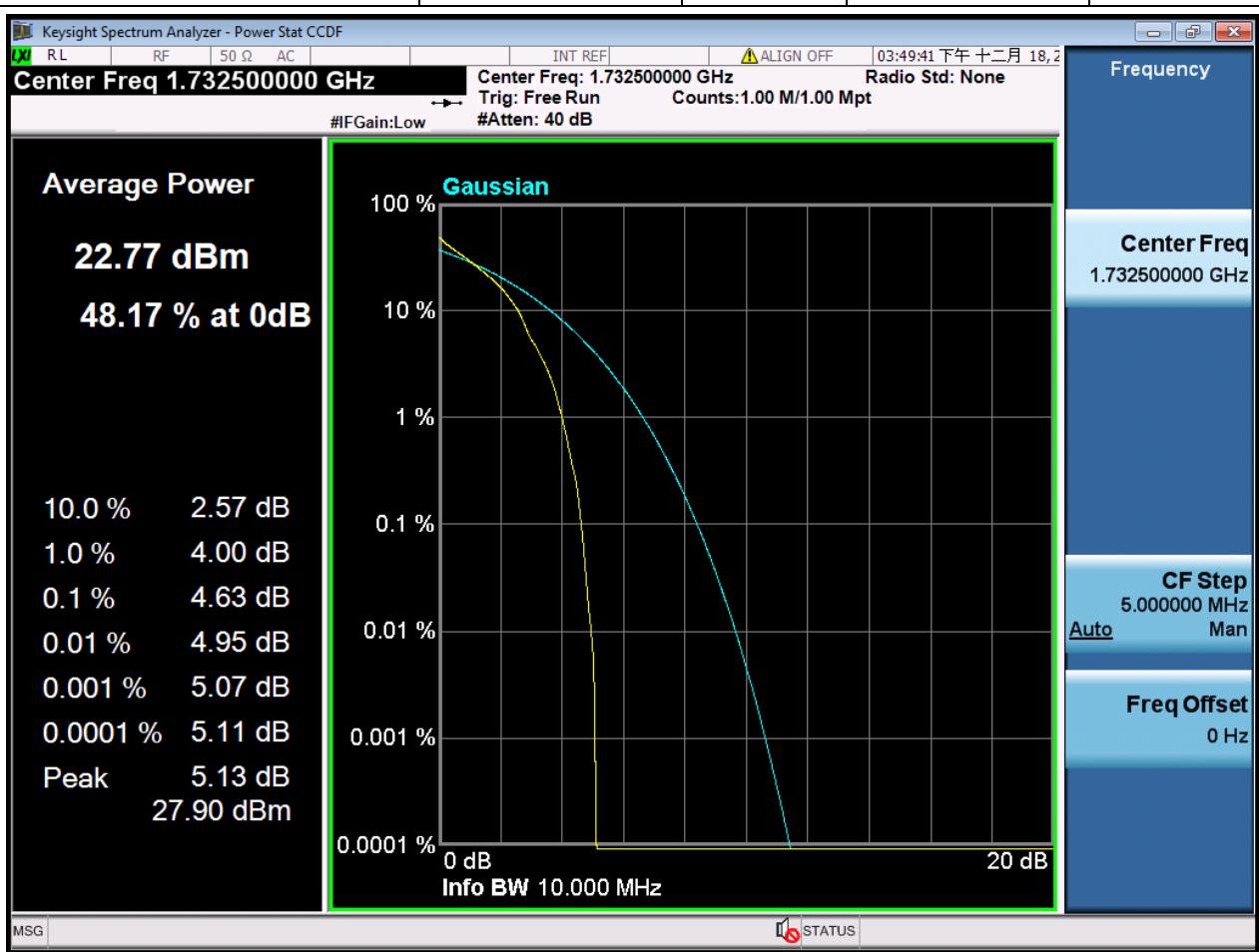
Center Freq
1.732500000 GHz

 CF Step
5.000000 MHz
Man

 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	4.63	13	Pass



Average Power
22.77 dBm
48.17 % at 0dB

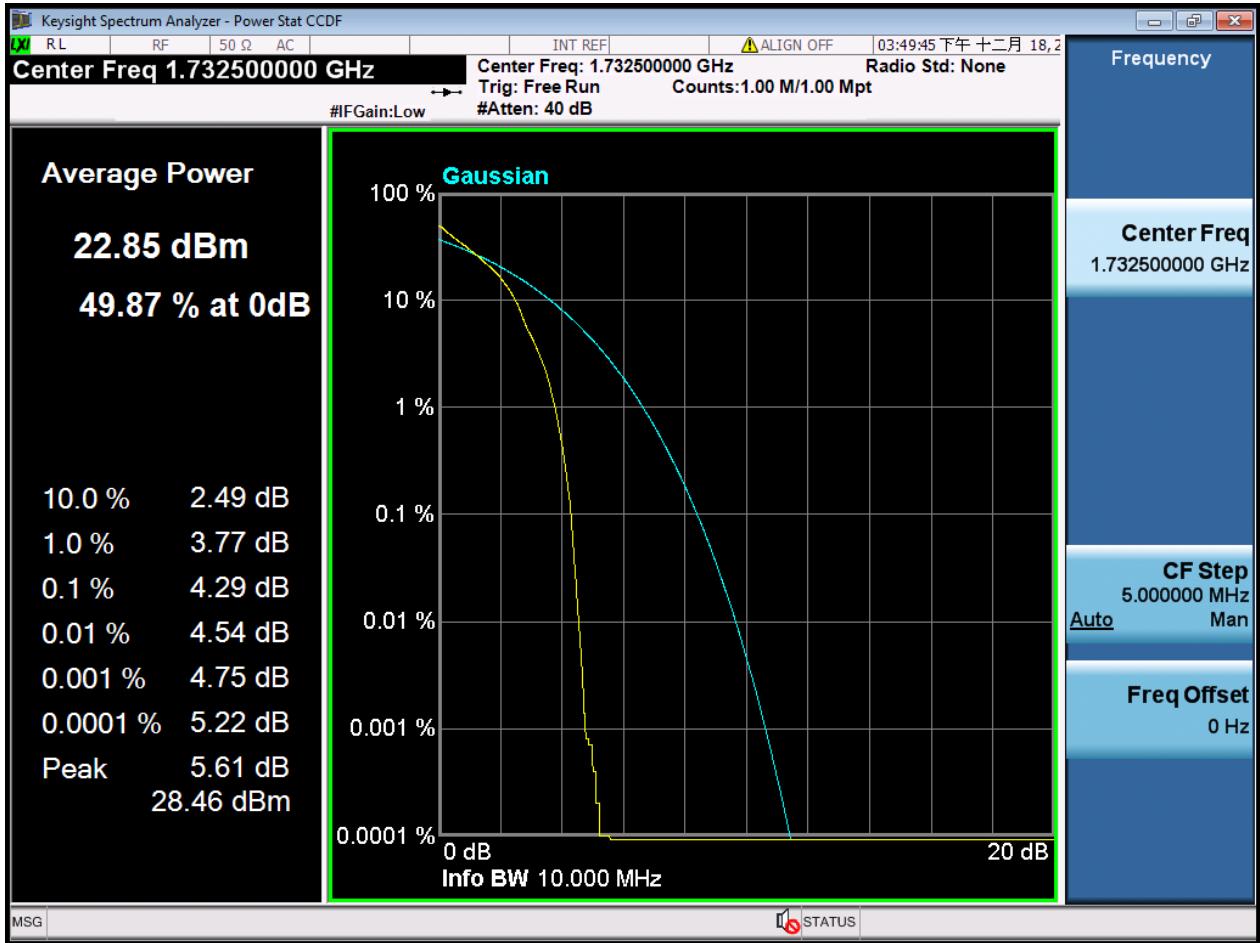
10.0 %	2.57 dB
1.0 %	4.00 dB
0.1 %	4.63 dB
0.01 %	4.95 dB
0.001 %	5.07 dB
0.0001 %	5.11 dB
Peak	5.13 dB
	27.90 dBm

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

1.44. 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	4.29	13	Pass



Average Power
22.85 dBm
49.87 % at 0dB

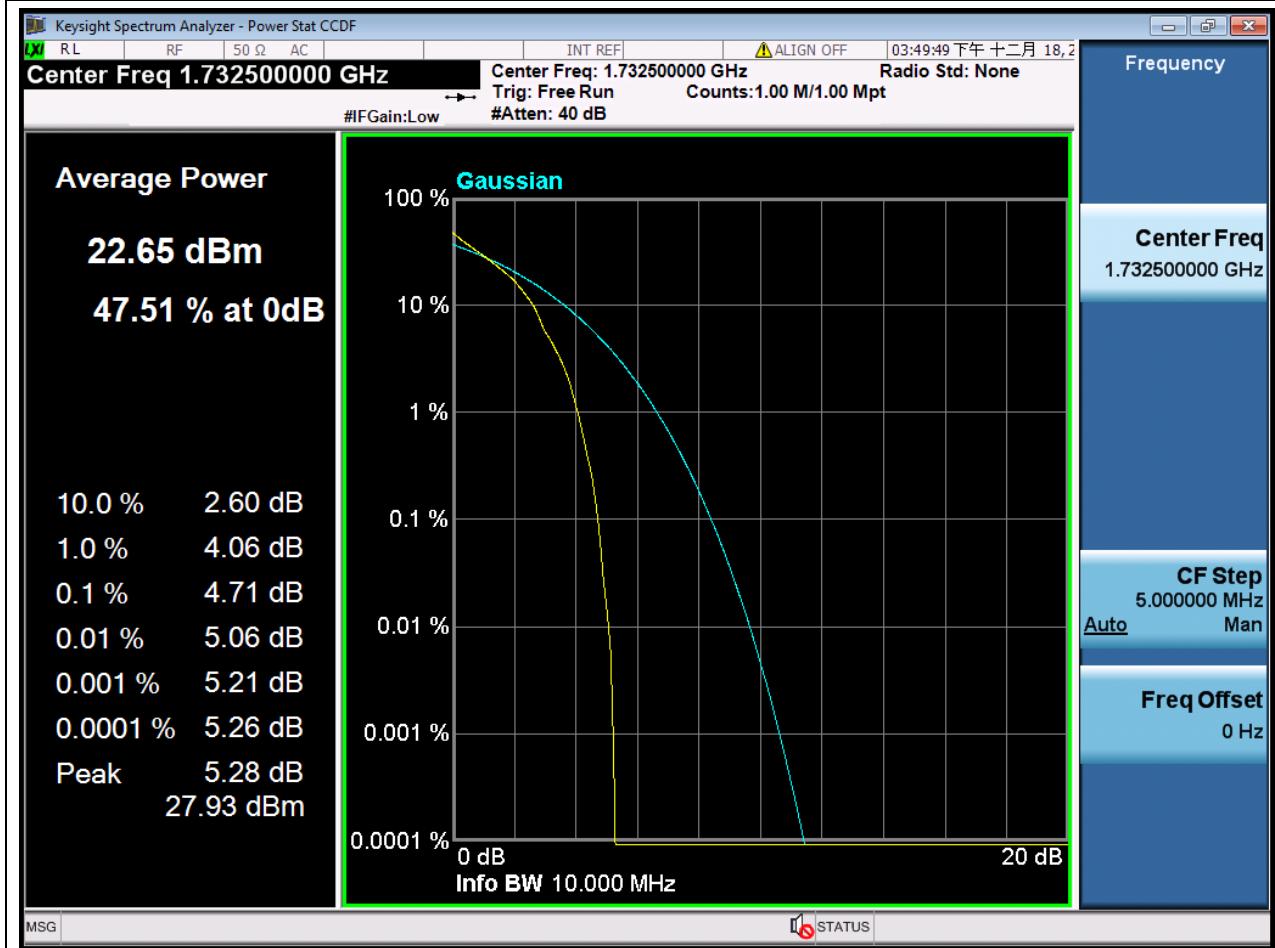
10.0 %	2.49 dB
1.0 %	3.77 dB
0.1 %	4.29 dB
0.01 %	4.54 dB
0.001 %	4.75 dB
0.0001 %	5.22 dB
Peak	5.61 dB
	28.46 dBm

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

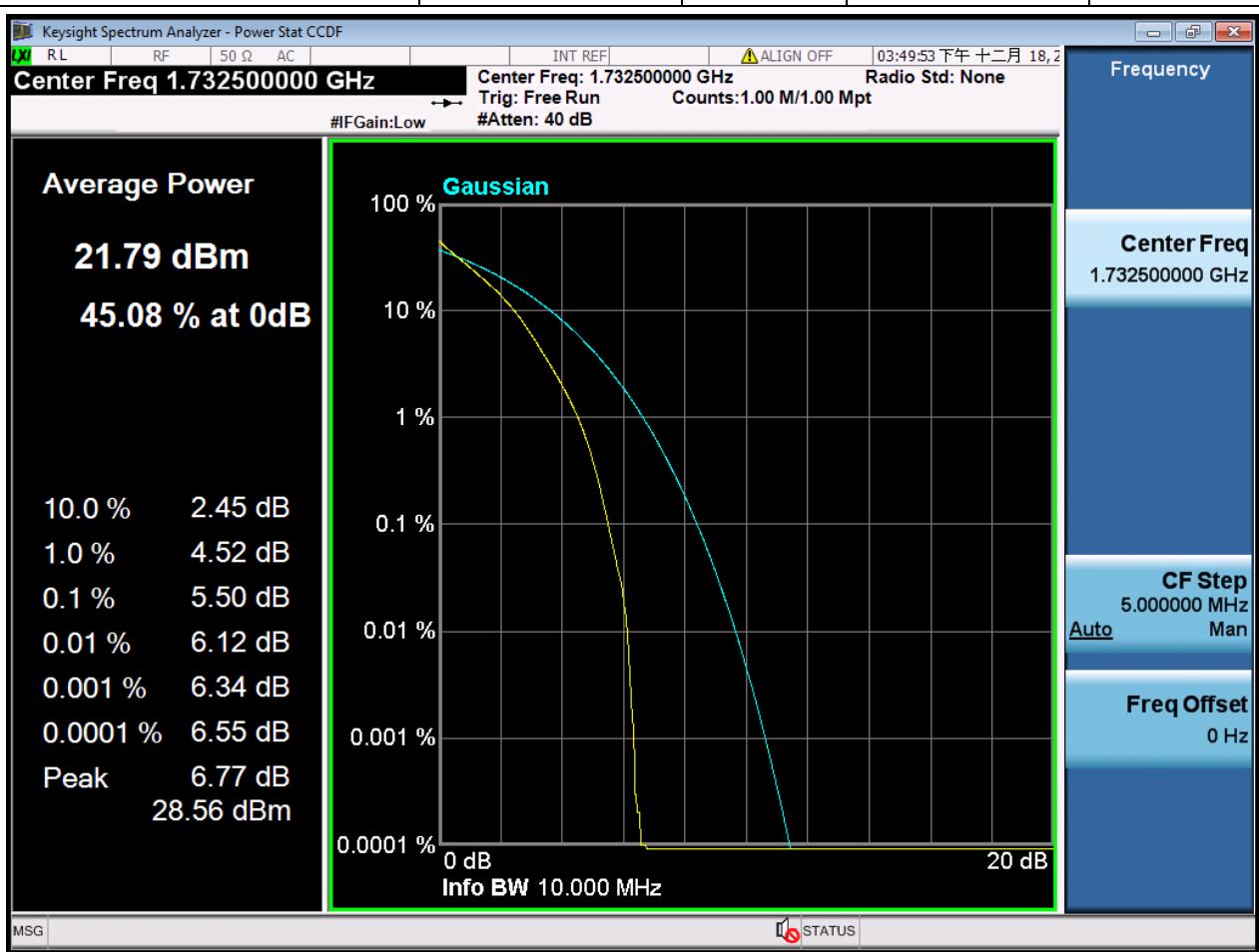
1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.71	13	Pass



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.5	13	Pass



Average Power
21.79 dBm
45.08 % at 0dB

10.0 %	2.45 dB
1.0 %	4.52 dB
0.1 %	5.50 dB
0.01 %	6.12 dB
0.001 %	6.34 dB
0.0001 %	6.55 dB
Peak	6.77 dB
	28.56 dBm

Gaussian

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

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

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	5.46	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

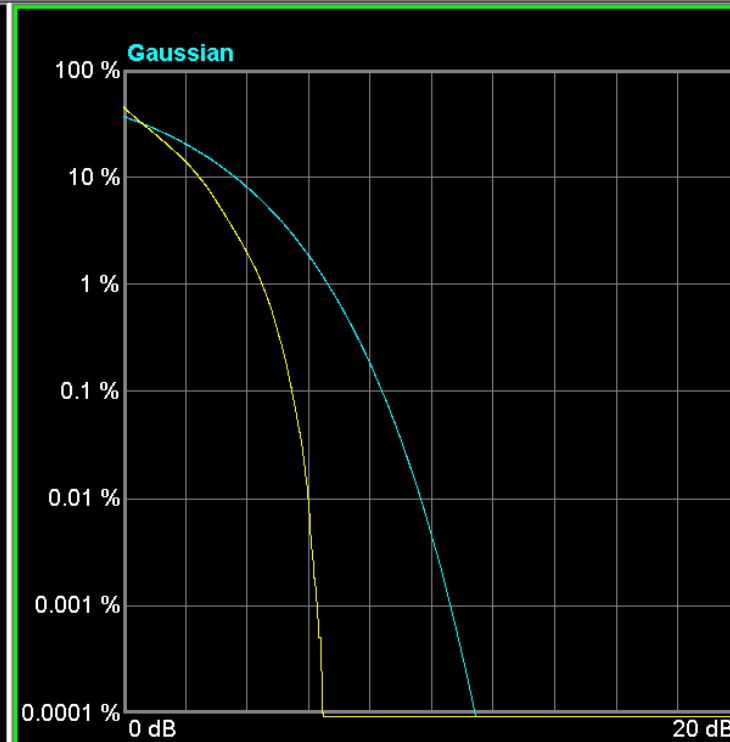
RL RF 50 Ω AC INT REF ALIGN OFF 03:49:57 下午 十二月 18, 2017

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

Average Power 21.76 dBm
45.25 % at 0dB

10.0 % 2.45 dB
1.0 % 4.49 dB
0.1 % 5.46 dB
0.01 % 5.99 dB
0.001 % 6.27 dB
0.0001 % 6.44 dB
Peak 6.48 dB
28.24 dBm

Gaussian



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

0 dB 20 dB Info BW 10.000 MHz

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

MSG STATUS

1.48. 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	5.41	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:01 下午 十二月 18, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.75 dBm
45.66 % at 0dB

10.0 % 2.44 dB
1.0 % 4.43 dB
0.1 % 5.41 dB
0.01 % 5.97 dB
0.001 % 6.24 dB
0.0001 % 6.61 dB
Peak 6.63 dB
28.38 dBm

Gaussian



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

0 dB 20 dB

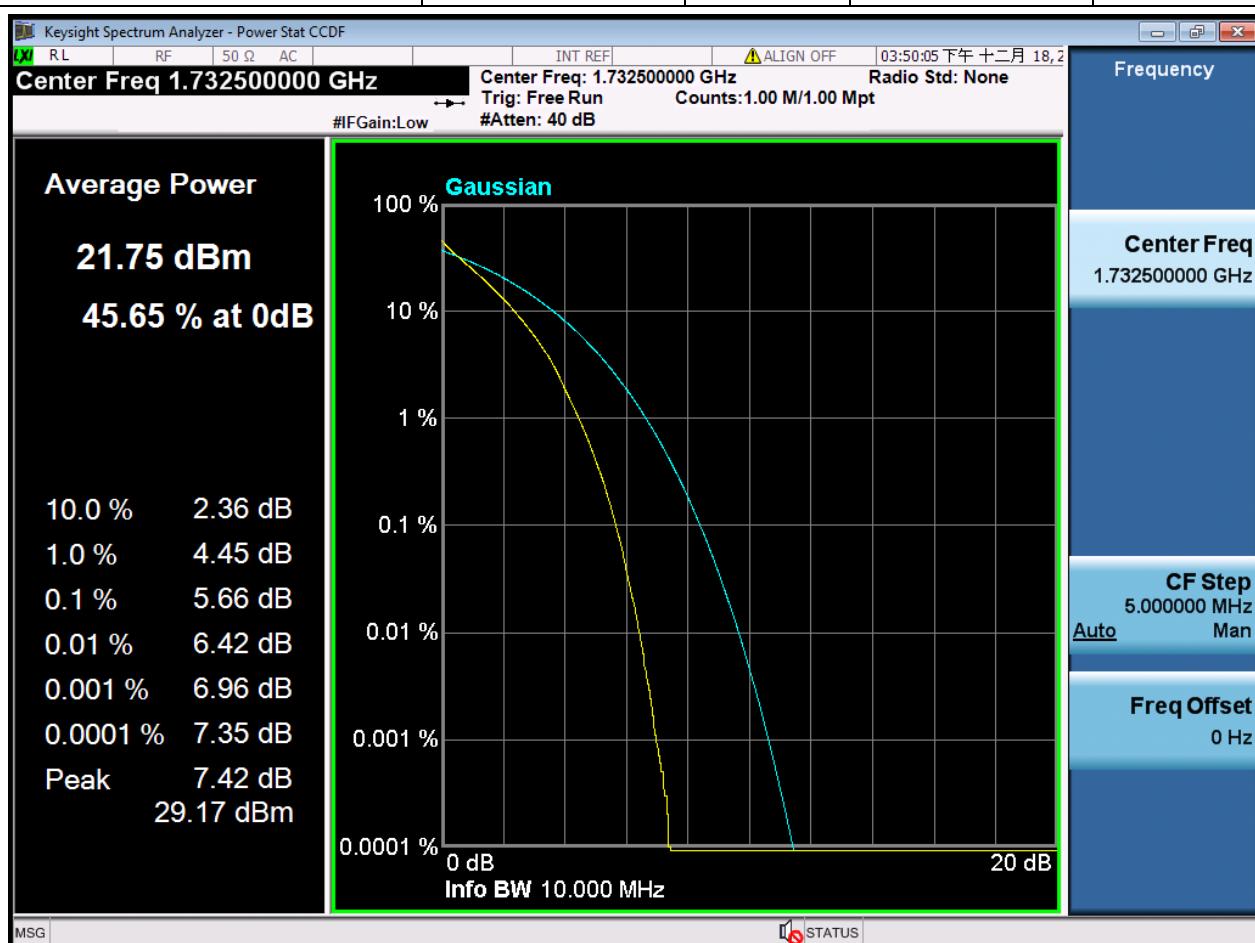
Info BW 10.000 MHz

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

MSG STATUS

1.49. 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	5.66	13	Pass



Average Power
21.75 dBm
45.65 % at 0dB

10.0 %	2.36 dB
1.0 %	4.45 dB
0.1 %	5.66 dB
0.01 %	6.42 dB
0.001 %	6.96 dB
0.0001 %	7.35 dB
Peak	7.42 dB
	29.17 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

1.50. 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	6.11	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:09 下午 十二月 18, 2017

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

Average Power
21.98 dBm
42.24 % at 0dB

10.0 % 2.96 dB
1.0 % 5.26 dB
0.1 % 6.11 dB
0.01 % 6.41 dB
0.001 % 6.51 dB
0.0001 % 6.55 dB
Peak 6.58 dB
28.56 dBm

Gaussian



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

0 dB 20 dB

Info BW 10.000 MHz

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

MSG STATUS

1.51. 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	5.65	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:13 下午 十二月 18, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.06 dBm
43.16 % at 0dB

10.0 % 2.95 dB
1.0 % 4.94 dB
0.1 % 5.65 dB
0.01 % 5.95 dB
0.001 % 6.09 dB
0.0001 % 6.14 dB
Peak 6.14 dB
28.20 dBm

Gaussian



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

0 dB 20 dB

Info BW 10.000 MHz

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

MSG STATUS

1.52. 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	5.59	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:17 下午 十二月 18, 2017

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

Average Power 21.88 dBm
43.74 % at 0dB

10.0 % 2.92 dB
1.0 % 4.82 dB
0.1 % 5.59 dB
0.01 % 5.88 dB
0.001 % 6.02 dB
0.0001 % 6.07 dB
Peak 6.11 dB
27.99 dBm

Gaussian



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

0 dB 20 dB

Info BW 10.000 MHz

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

MSG STATUS

1.53. 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	6.42	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:21 下午 十二月 18, 2017

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

Average Power
20.88 dBm
43.08 % at 0dB

10.0 % 2.89 dB
1.0 % 5.14 dB
0.1 % 6.42 dB
0.01 % 7.29 dB
0.001 % 7.62 dB
0.0001 % 7.65 dB
Peak 7.70 dB
28.58 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

1.54. 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	6.33	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:25 下午 十二月 18, 2017

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

Average Power 20.82 dBm
43.03 % at 0dB

10.0 % 2.90 dB
1.0 % 5.11 dB
0.1 % 6.33 dB
0.01 % 7.14 dB
0.001 % 7.45 dB
0.0001 % 7.54 dB
Peak 7.55 dB
28.37 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

1.55. 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	6.28	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:29 下午 十二月 18, 2017

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

Average Power 20.80 dBm
43.35 % at 0dB

10.0 % 2.88 dB
1.0 % 5.07 dB
0.1 % 6.28 dB
0.01 % 7.10 dB
0.001 % 7.43 dB
0.0001 % 7.51 dB
Peak 7.57 dB
28.37 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

1.56. 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	6.32	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:33 下午 十二月 18, 2017

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

Average Power
20.79 dBm
43.39 % at 0dB

10.0 % 2.89 dB
1.0 % 5.08 dB
0.1 % 6.32 dB
0.01 % 7.12 dB
0.001 % 7.67 dB
0.0001 % 7.93 dB
Peak 7.95 dB
28.74 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.73	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:42 下午 十二月 18, 2017

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

Average Power 22.80 dBm
47.45 % at 0dB

10.0 % 2.60 dB
1.0 % 4.10 dB
0.1 % 4.73 dB
0.01 % 5.15 dB
0.001 % 5.24 dB
0.0001 % 5.29 dB
Peak 5.31 dB
28.11 dBm

Gaussian



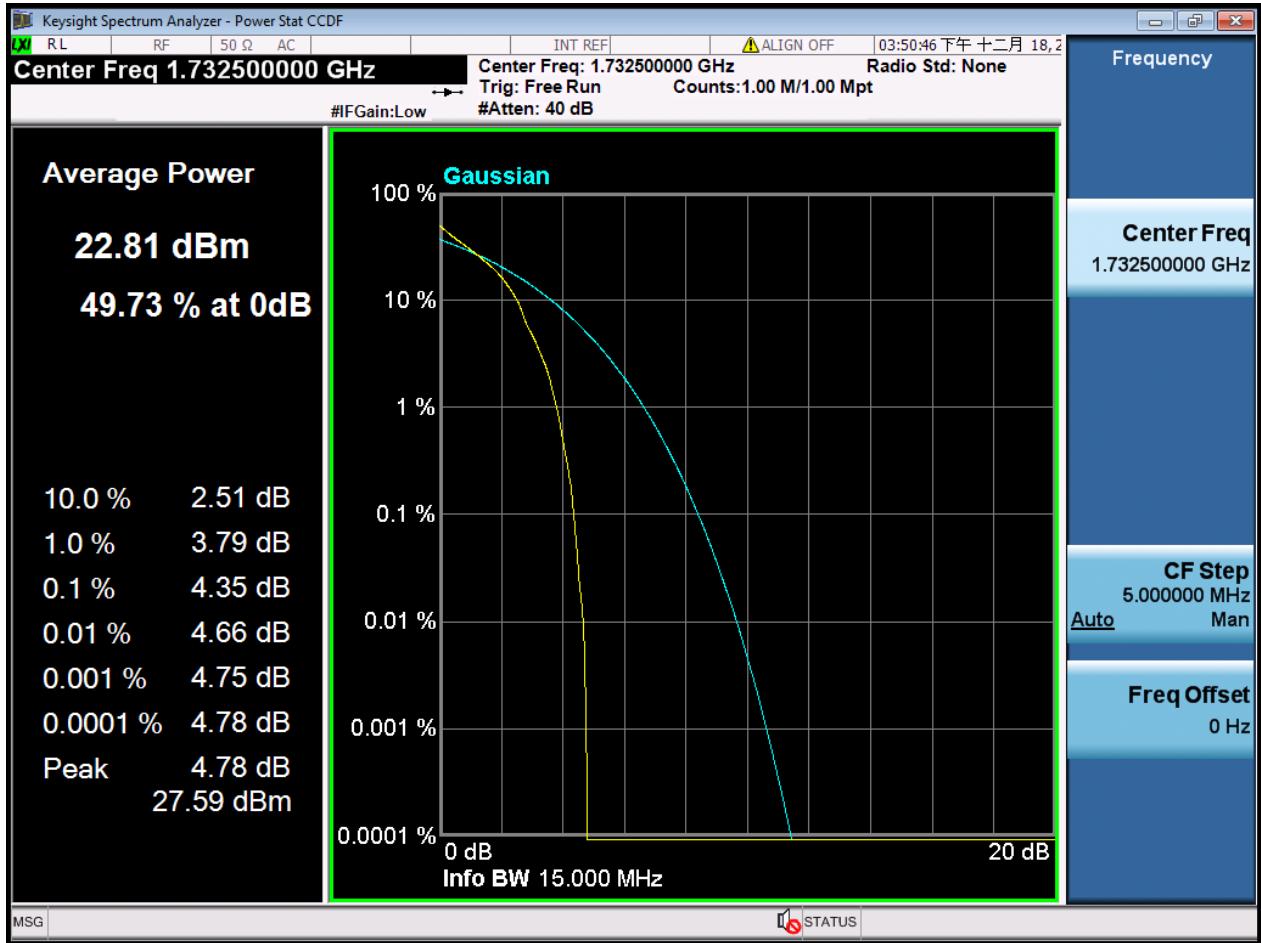
Info BW 15.000 MHz

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

MSG STATUS

1.58. 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	4.34	13	Pass



Average Power
22.81 dBm
49.73 % at 0dB

10.0 %	2.51 dB
1.0 %	3.79 dB
0.1 %	4.35 dB
0.01 %	4.66 dB
0.001 %	4.75 dB
0.0001 %	4.78 dB
Peak	4.78 dB
	27.59 dBm

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	4.58	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:50 下午 十二月 18, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.68 dBm
47.97 % at 0dB

10.0 % 2.57 dB
1.0 % 3.97 dB
0.1 % 4.58 dB
0.01 % 4.94 dB
0.001 % 5.01 dB
0.0001 % 5.04 dB
Peak 5.04 dB
27.72 dBm

Gaussian



Info BW 15.000 MHz

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

MSG STATUS

1.60. 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	5.57	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:54 下午 十二月 18, 2017

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

Average Power 21.88 dBm
43.82 % at 0dB

10.0 % 2.57 dB
1.0 % 4.61 dB
0.1 % 5.57 dB
0.01 % 6.10 dB
0.001 % 6.62 dB
0.0001 % 6.88 dB
Peak 6.91 dB
28.79 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

1.61. 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	5.46	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:50:58 下午 十二月 18, 2017

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

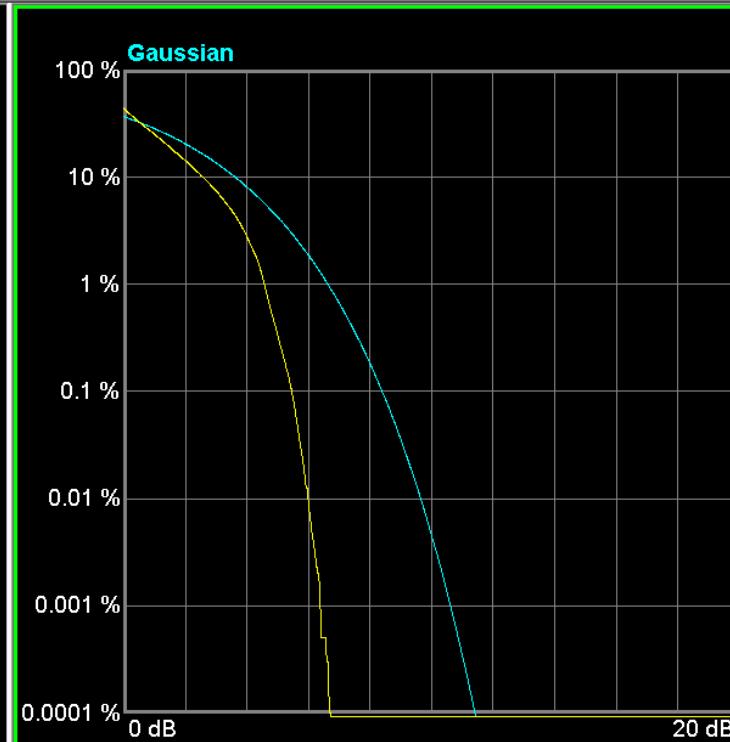
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.87 dBm
44.16 % at 0dB

10.0 % 2.57 dB
1.0 % 4.56 dB
0.1 % 5.46 dB
0.01 % 5.98 dB
0.001 % 6.38 dB
0.0001 % 6.67 dB
Peak 6.72 dB
28.59 dBm

Gaussian



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

1.62. 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	5.37	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

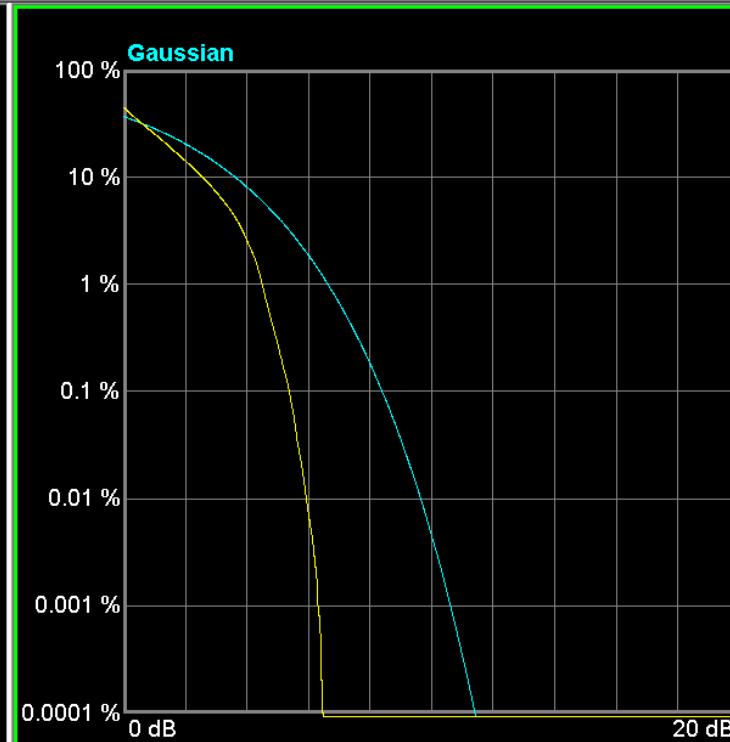
RL RF 50 Ω AC INT REF ALIGN OFF 03:51:02 下午 十二月 18, 2017

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

Average Power 21.85 dBm
44.81 % at 0dB

10.0 % 2.57 dB
1.0 % 4.49 dB
0.1 % 5.37 dB
0.01 % 5.93 dB
0.001 % 6.31 dB
0.0001 % 6.44 dB
Peak 6.49 dB
28.34 dBm

Gaussian



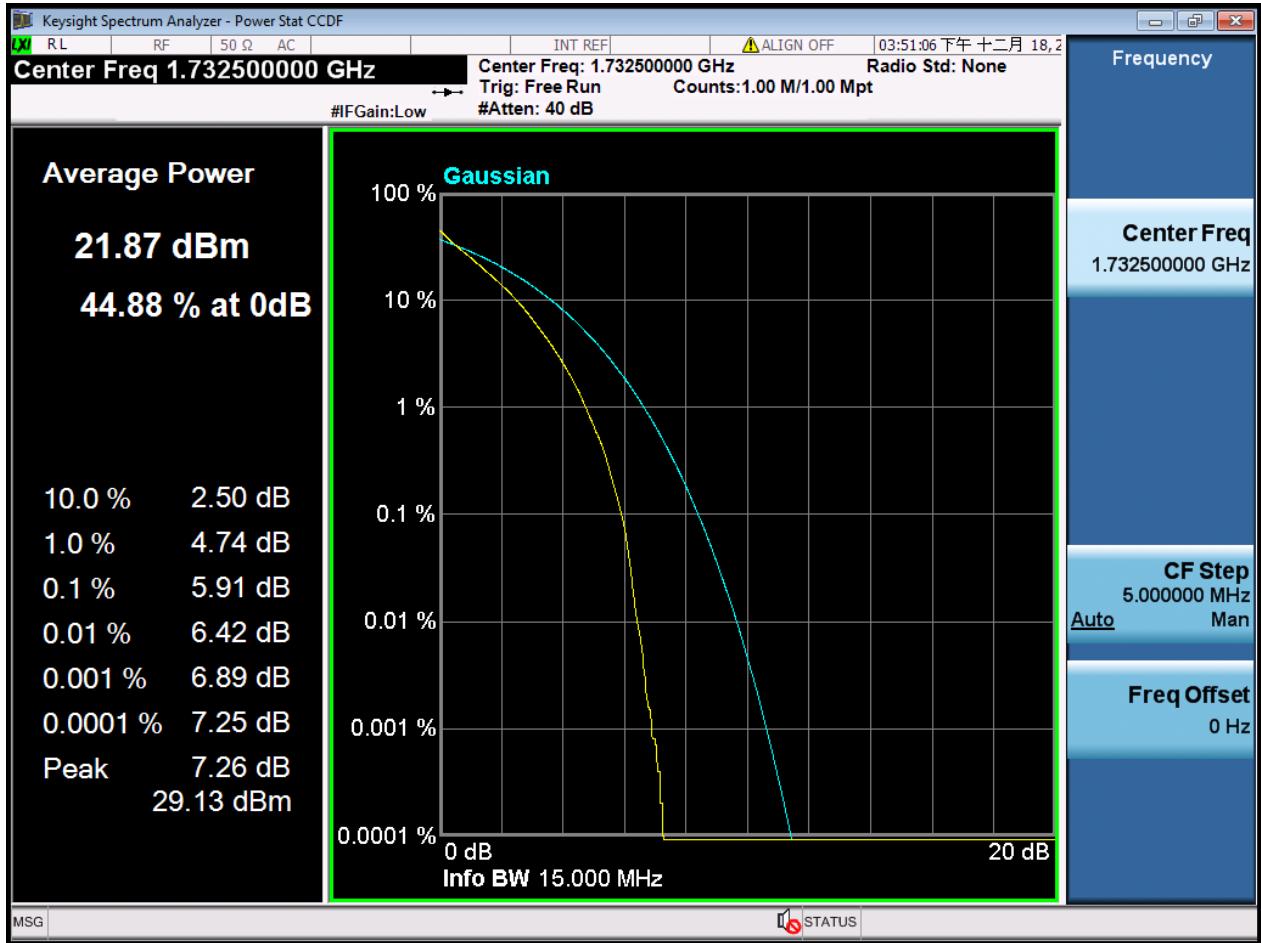
Info BW 15.000 MHz

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

MSG STATUS

1.63. 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	5.91	13	Pass



Average Power
21.87 dBm
44.88 % at 0dB

10.0 %	2.50 dB
1.0 %	4.74 dB
0.1 %	5.91 dB
0.01 %	6.42 dB
0.001 %	6.89 dB
0.0001 %	7.25 dB
Peak	7.26 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

1.64. 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	5.91	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:51:10 下午 十二月 18, 2017

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

Average Power 22.09 dBm
42.45 % at 0dB

10.0 % 2.93 dB
1.0 % 5.03 dB
0.1 % 5.91 dB
0.01 % 6.31 dB
0.001 % 6.41 dB
0.0001 % 6.44 dB
Peak 6.56 dB
28.65 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

1.65. 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	5.57	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:51:14 下午 十二月 18, 2014

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

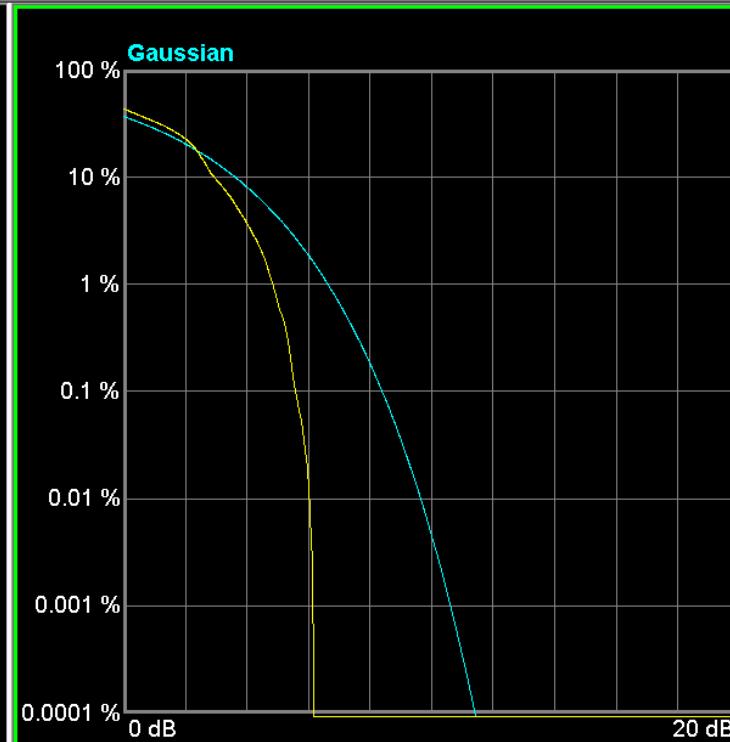
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.08 dBm
43.42 % at 0dB

10.0 % 2.93 dB
1.0 % 4.84 dB
0.1 % 5.57 dB
0.01 % 6.02 dB
0.001 % 6.14 dB
0.0001 % 6.16 dB
Peak 6.25 dB
28.33 dBm

Gaussian



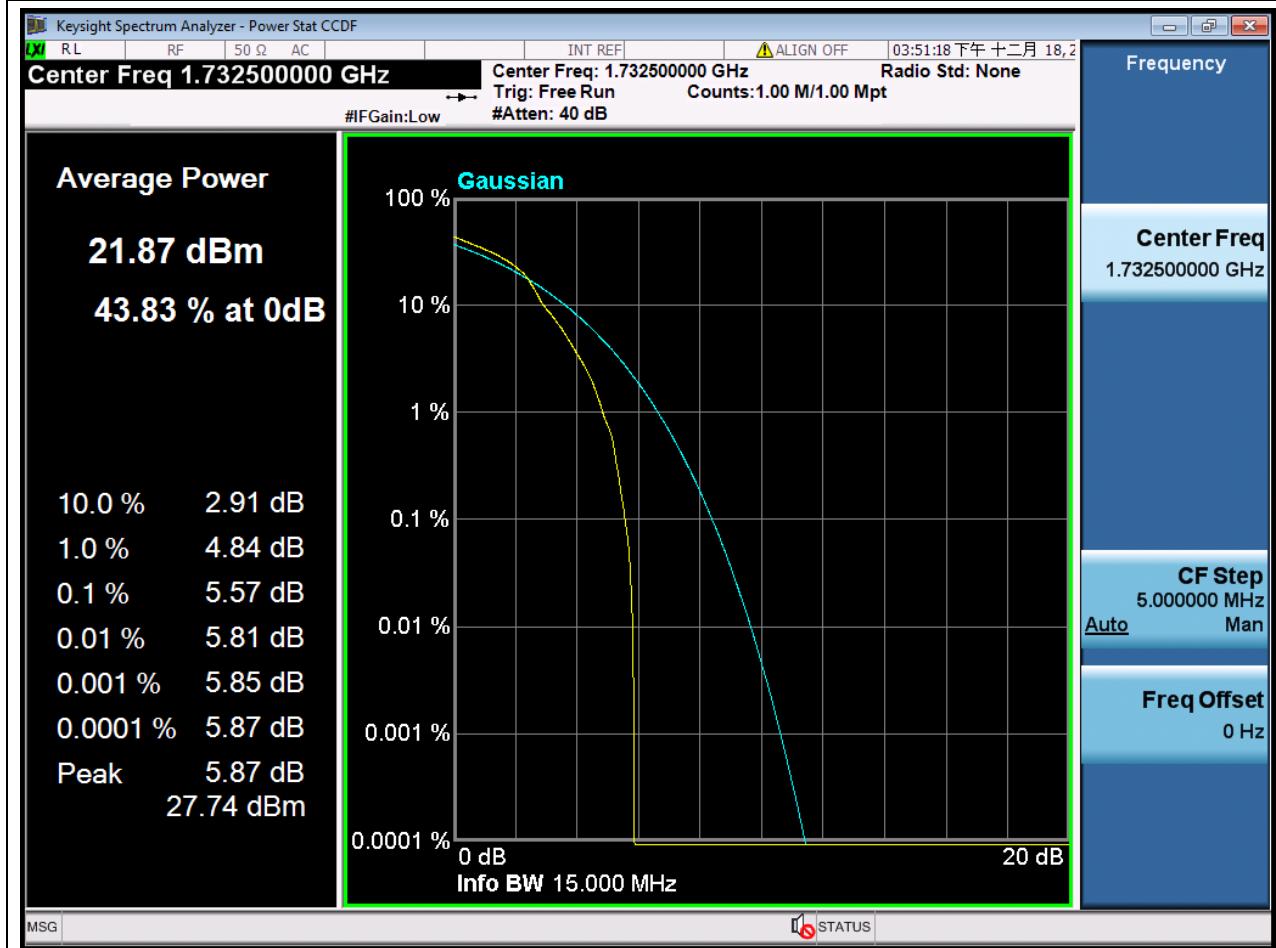
Info BW 15.000 MHz

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

MSG STATUS

1.66. 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	5.57	13	Pass



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	6.4	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:51:22 下午 十二月 18, 2017

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

Average Power
20.86 dBm
41.81 % at 0dB

10.0 % 3.07 dB
1.0 % 5.17 dB
0.1 % 6.40 dB
0.01 % 7.27 dB
0.001 % 7.88 dB
0.0001 % 7.95 dB
Peak 7.96 dB
28.82 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	6.27	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:51:26 下午 十二月 18, 2017

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

Average Power
20.84 dBm
41.84 % at 0dB

10.0 % 3.07 dB
1.0 % 5.12 dB
0.1 % 6.27 dB
0.01 % 7.05 dB
0.001 % 7.47 dB
0.0001 % 7.72 dB
Peak 7.73 dB
28.57 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

1.69. 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	6.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:51:30 下午 十二月 18, 2017

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

Average Power
20.83 dBm
42.46 % at 0dB

10.0 % 3.07 dB
1.0 % 5.08 dB
0.1 % 6.22 dB
0.01 % 7.02 dB
0.001 % 7.47 dB
0.0001 % 7.59 dB
Peak 7.64 dB
28.47 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

1.70. 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	6.43	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:51:34 下午 十二月 18, 2017

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

Average Power
20.87 dBm
42.57 % at 0dB

10.0 % 2.98 dB
1.0 % 5.28 dB
0.1 % 6.43 dB
0.01 % 7.21 dB
0.001 % 7.74 dB
0.0001 % 7.90 dB
Peak 7.92 dB
28.79 dBm

Gaussian



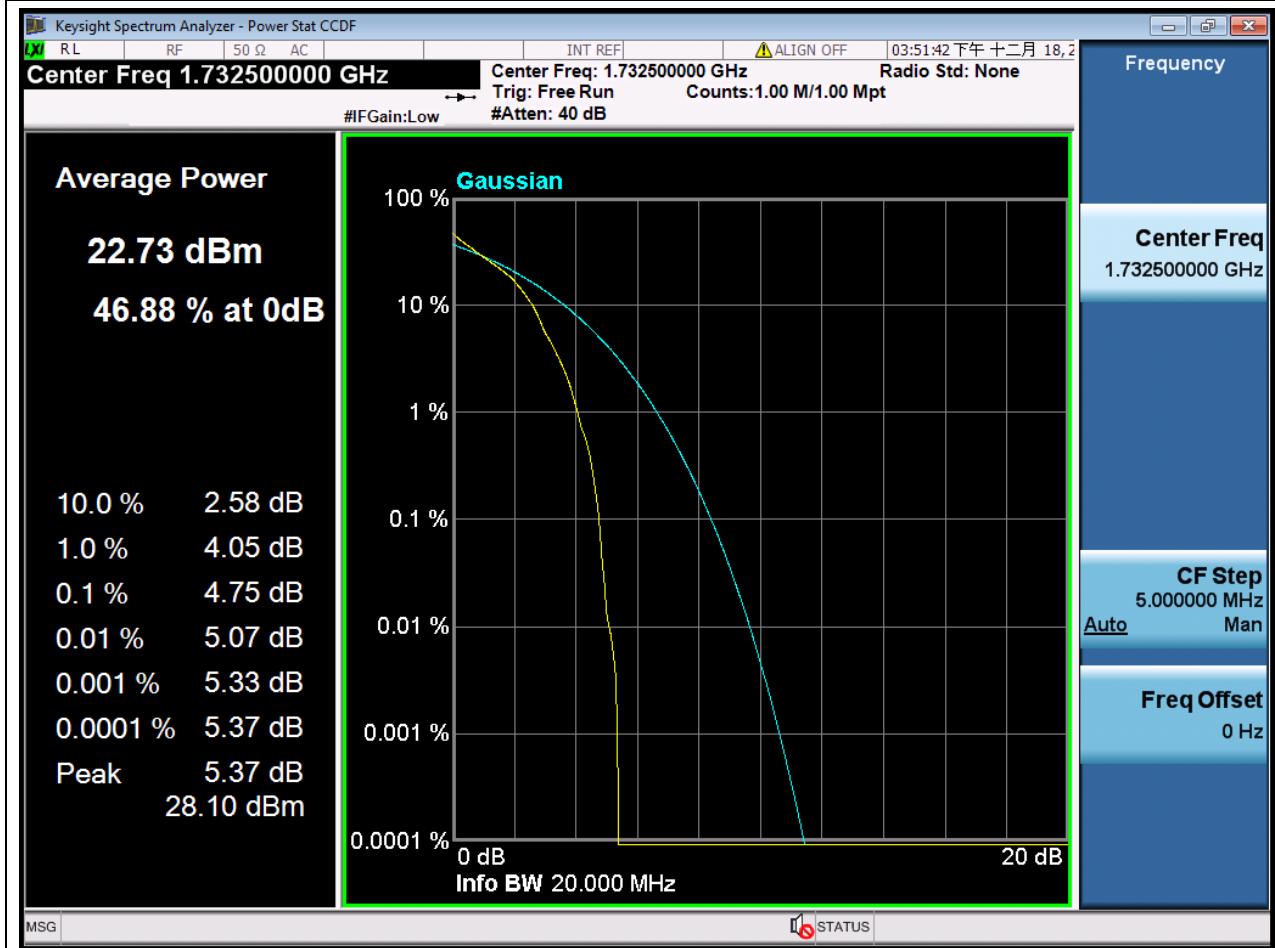
0.0001 % 0 dB 20 dB 100 %
Info BW 15.000 MHz

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

MSG STATUS

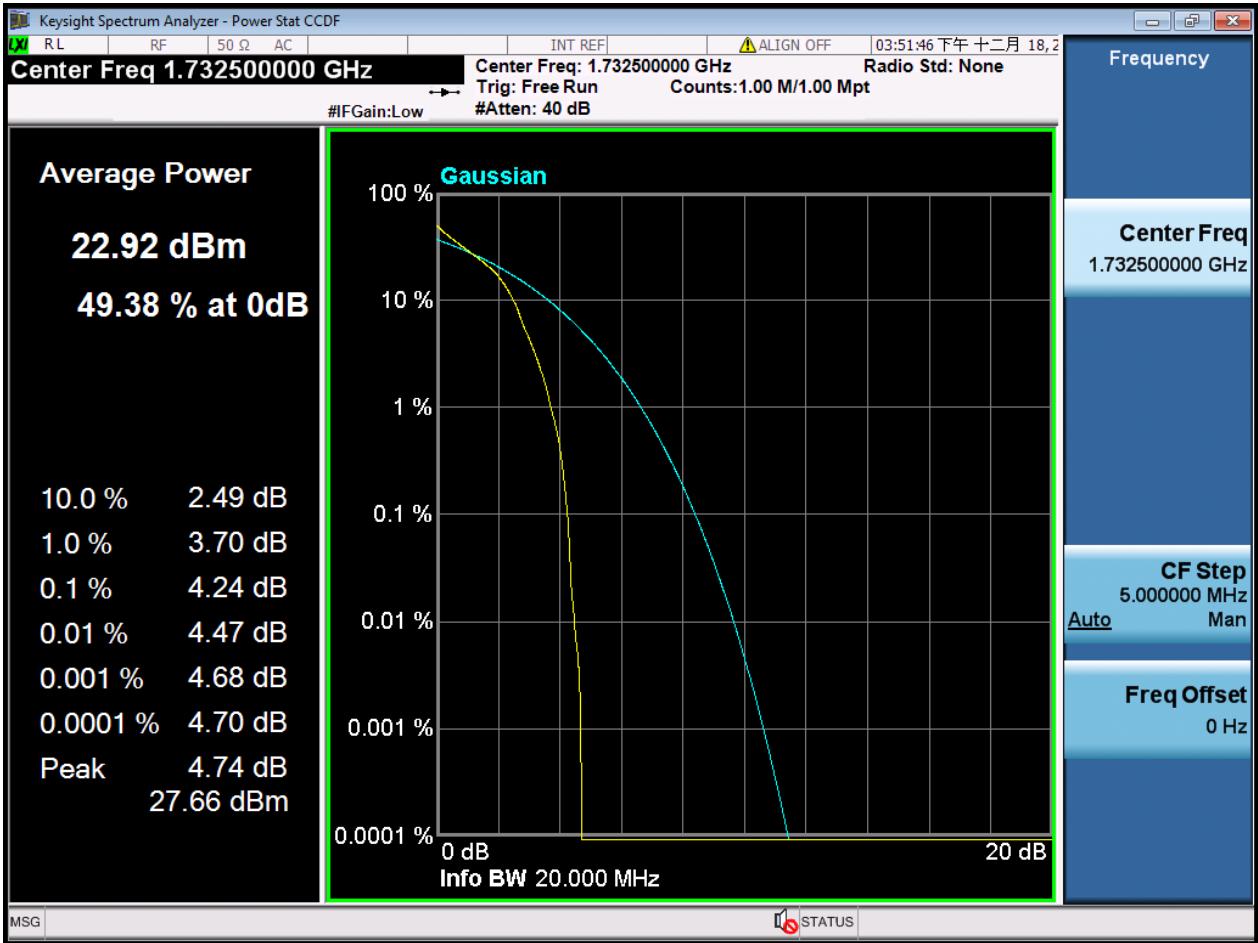
1.71. LTE Peak to Average Ratio(NTNV)(Subtest:71, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.75	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	4.24	13	Pass



Average Power
22.92 dBm
49.38 % at 0dB

10.0 %	2.49 dB
1.0 %	3.70 dB
0.1 %	4.24 dB
0.01 %	4.47 dB
0.001 %	4.68 dB
0.0001 %	4.70 dB
Peak	4.74 dB
	27.66 dBm

Gaussian

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

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

1.73. 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	4.64	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:51:50 下午 十二月 18, 2017

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

Average Power 22.52 dBm
47.34 % at 0dB

10.0 % 2.58 dB
1.0 % 3.96 dB
0.1 % 4.64 dB
0.01 % 5.10 dB
0.001 % 5.24 dB
0.0001 % 5.30 dB
Peak 5.31 dB
27.83 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	5.6	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:51:55 下午 十二月 18, 2017

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

Average Power 21.88 dBm
44.99 % at 0dB

10.0 % 2.39 dB
1.0 % 4.49 dB
0.1 % 5.60 dB
0.01 % 6.30 dB
0.001 % 6.71 dB
0.0001 % 7.07 dB
Peak 7.14 dB
29.02 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	5.45	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

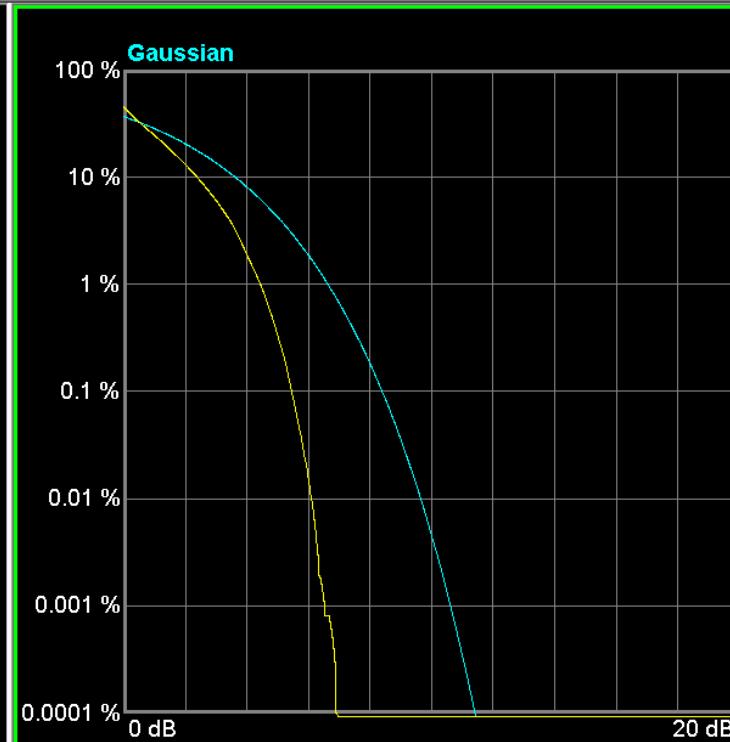
RL RF 50 Ω AC INT REF ALIGN OFF 03:51:59 下午 十二月 18, 2017

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

Average Power 21.82 dBm
45.17 % at 0dB

10.0 % 2.38 dB
1.0 % 4.43 dB
0.1 % 5.45 dB
0.01 % 6.10 dB
0.001 % 6.53 dB
0.0001 % 6.89 dB
Peak 6.95 dB
28.77 dBm

Gaussian



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

0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

1.76. 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	5.39	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:52:03 下午 十二月 18, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.79 dBm
45.97 % at 0dB

10.0 % 2.37 dB
1.0 % 4.35 dB
0.1 % 5.39 dB
0.01 % 6.06 dB
0.001 % 6.51 dB
0.0001 % 6.89 dB
Peak 6.94 dB
28.73 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

1.77. 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	5.63	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

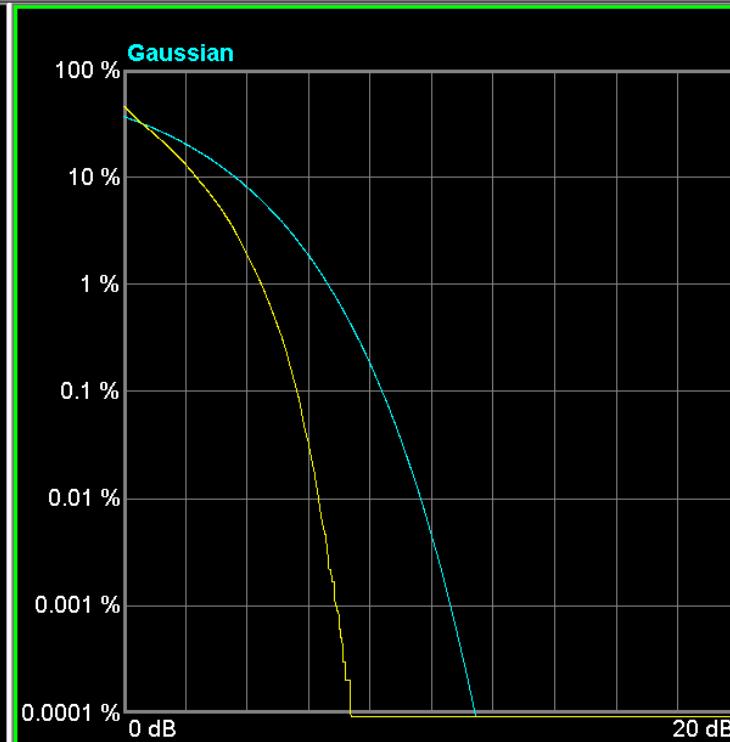
RL RF 50 Ω AC INT REF ALIGN OFF 03:52:07 下午 十二月 18, 2017

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

Average Power 21.83 dBm
45.81 % at 0dB

10.0 % 2.36 dB
1.0 % 4.47 dB
0.1 % 5.63 dB
0.01 % 6.32 dB
0.001 % 6.86 dB
0.0001 % 7.36 dB
Peak 7.38 dB
29.21 dBm

Gaussian



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

MSG STATUS

1.78. LTE Peak to Average Ratio(NTNV)(Subtest:78, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:52:12 下午 十二月 18, 2017

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

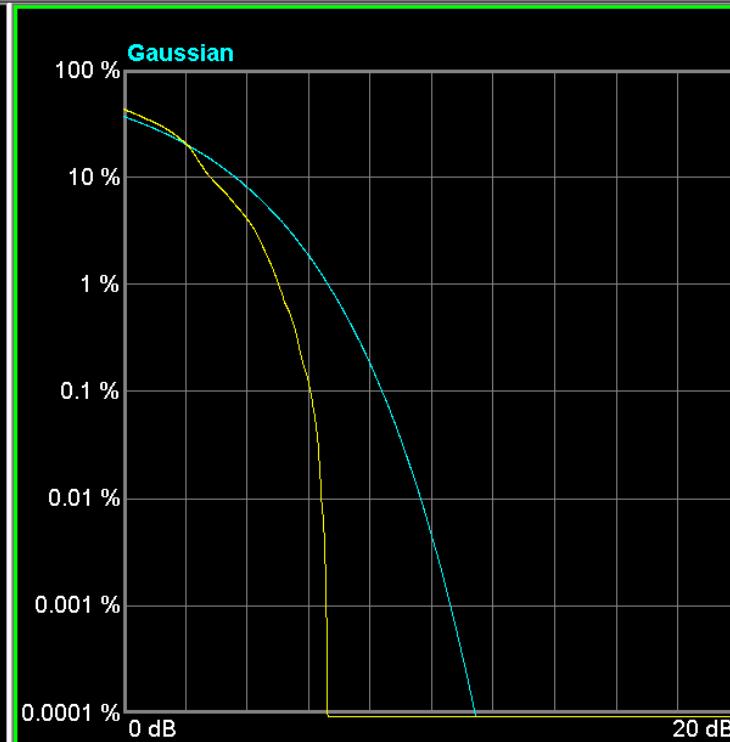
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.14 dBm
43.10 % at 0dB

10.0 % 2.81 dB
1.0 % 5.03 dB
0.1 % 6.06 dB
0.01 % 6.42 dB
0.001 % 6.58 dB
0.0001 % 6.62 dB
Peak 6.69 dB
28.83 dBm

Gaussian

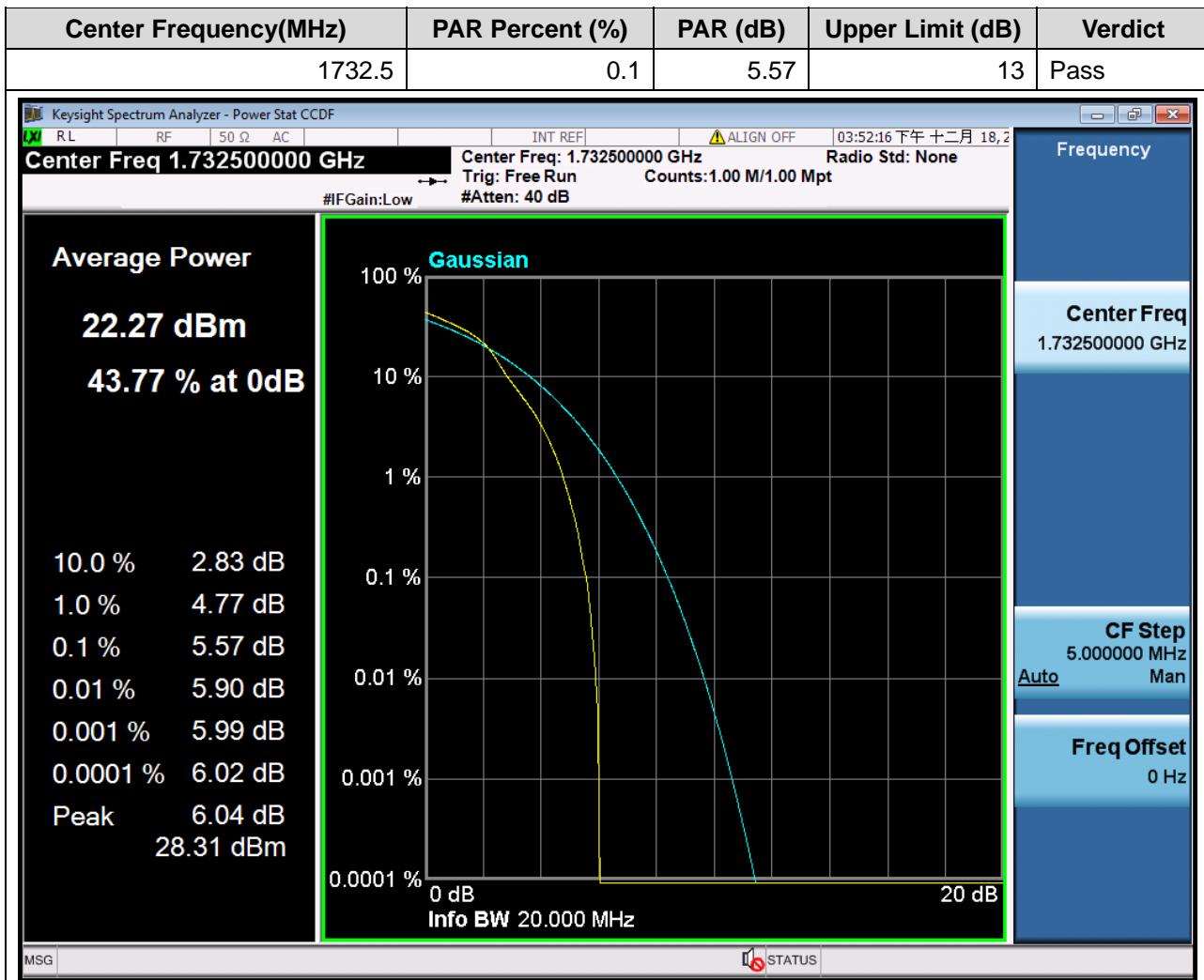


0.0001 % 0 dB 20 dB 20.000 MHz

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

MSG STATUS

1.79. LTE Peak to Average Ratio(NTNV)(Subtest:79, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:MID)



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	5.53	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:52:20 下午 十二月 18, 2017

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

Average Power 21.84 dBm
43.83 % at 0dB

10.0 % 2.85 dB
1.0 % 4.74 dB
0.1 % 5.53 dB
0.01 % 5.90 dB
0.001 % 6.02 dB
0.0001 % 6.09 dB
Peak 6.14 dB
27.98 dBm

Gaussian



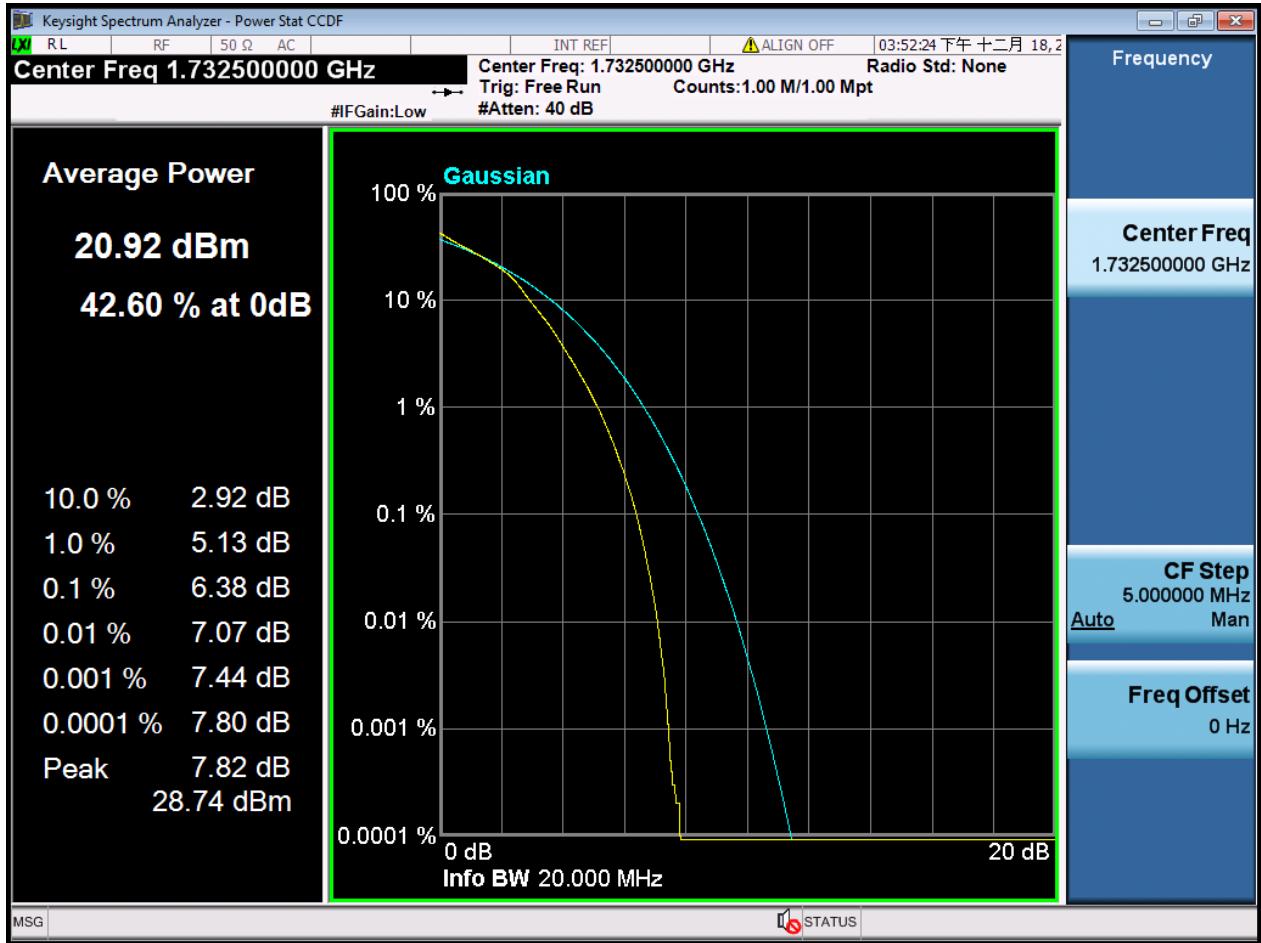
Info BW 20.000 MHz

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

MSG STATUS

1.81. 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	6.38	13	Pass



Keysight Spectrum Analyzer - Power Stat CCDF

Center Freq 1.732500000 GHz

Average Power
20.92 dBm
42.60 % at 0dB

10.0 %	2.92 dB
1.0 %	5.13 dB
0.1 %	6.38 dB
0.01 %	7.07 dB
0.001 %	7.44 dB
0.0001 %	7.80 dB
Peak	7.82 dB
	28.74 dBm

Center Freq
1.732500000 GHz

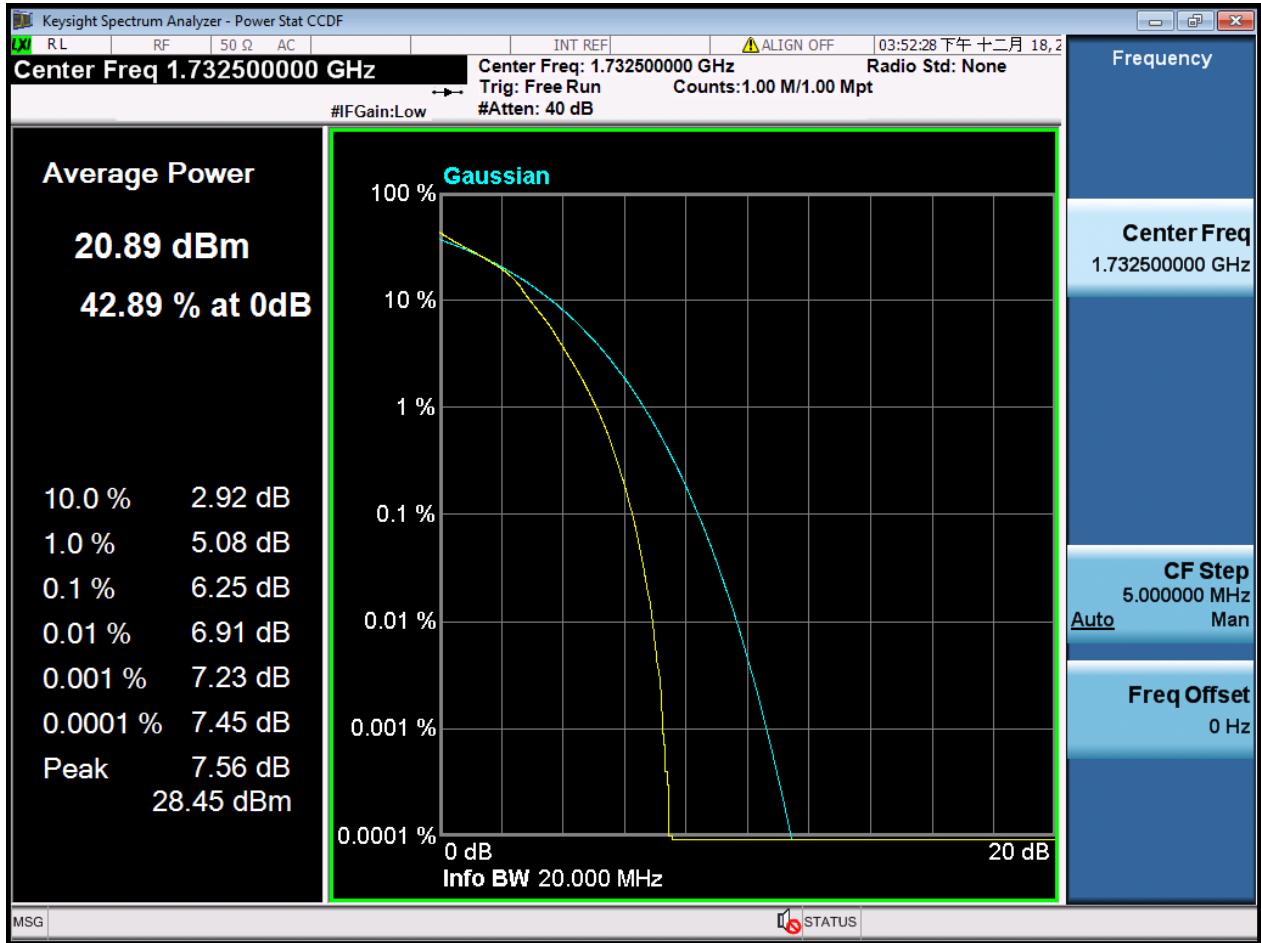
CF Step
5.000000 MHz

Freq Offset
0 Hz

MSG STATUS

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	6.25	13	Pass



Average Power
20.89 dBm
42.89 % at 0dB

10.0 %	2.92 dB
1.0 %	5.08 dB
0.1 %	6.25 dB
0.01 %	6.91 dB
0.001 %	7.23 dB
0.0001 %	7.45 dB
Peak	7.56 dB
	28.45 dBm

Center Freq
1.732500000 GHz

CF Step
5.000000 MHz

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	6.16	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 03:52:32 下午 十二月 18, 2017

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

Average Power 20.80 dBm
43.32 % at 0dB

10.0 % 2.91 dB
1.0 % 5.01 dB
0.1 % 6.16 dB
0.01 % 6.81 dB
0.001 % 7.09 dB
0.0001 % 7.43 dB
Peak 7.44 dB
28.24 dBm

Gaussian

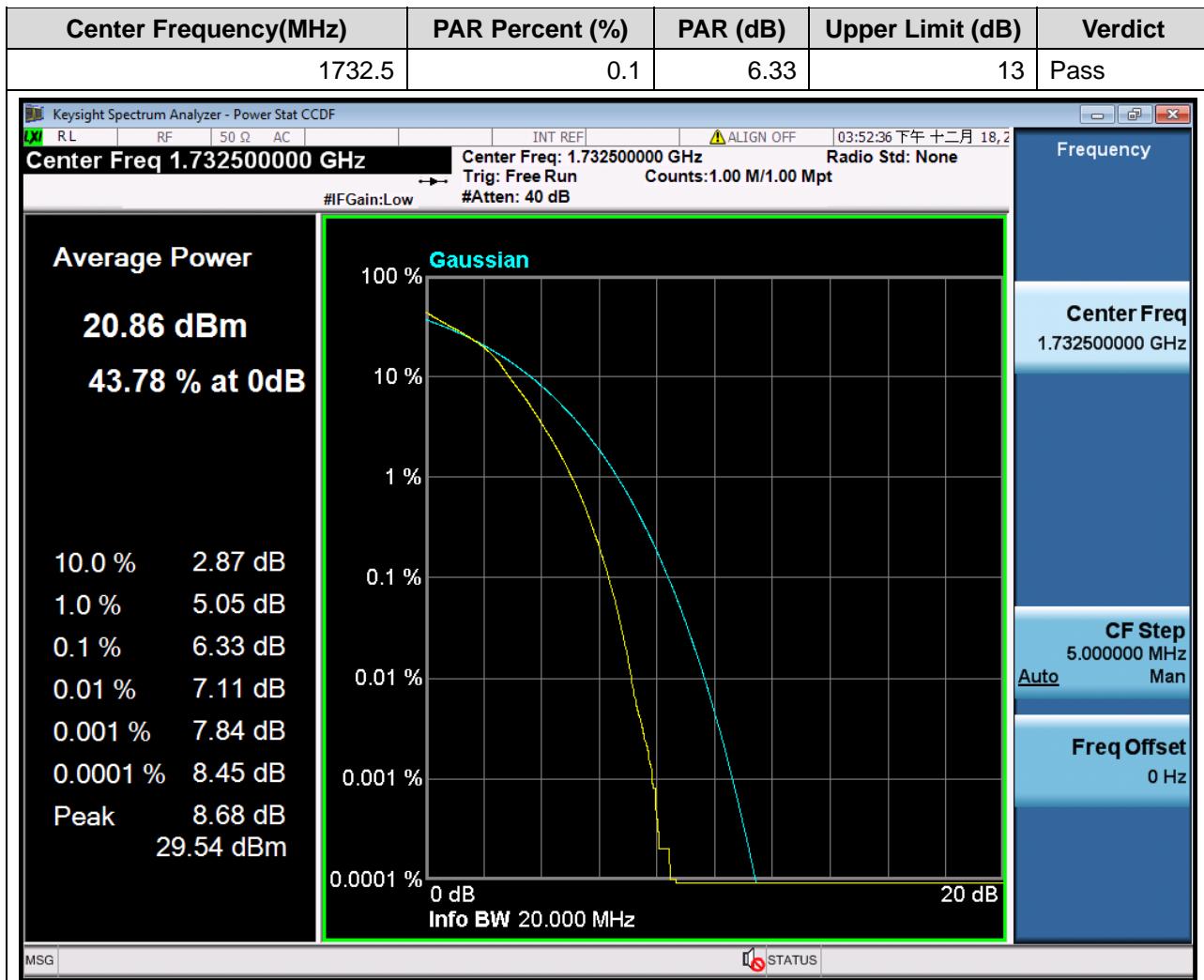


0.0001 % 0 dB 20 dB Info BW 20.000 MHz

Frequency
Center Freq 1.732500000 GHz
CF Step 5.000000 MHz 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)



END