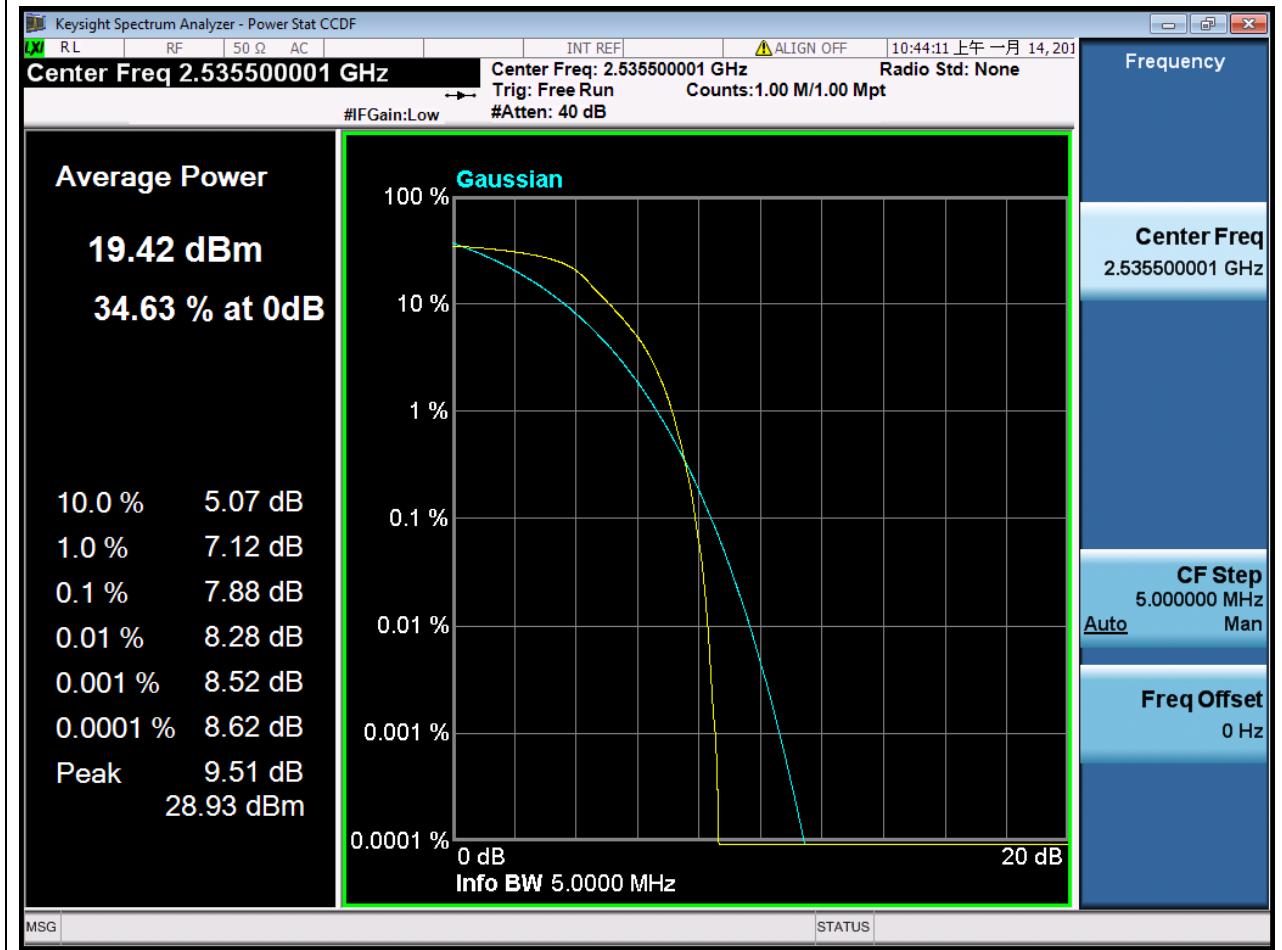


Annex B. LTE Peak to Average Ratio

1. LTE_Band41

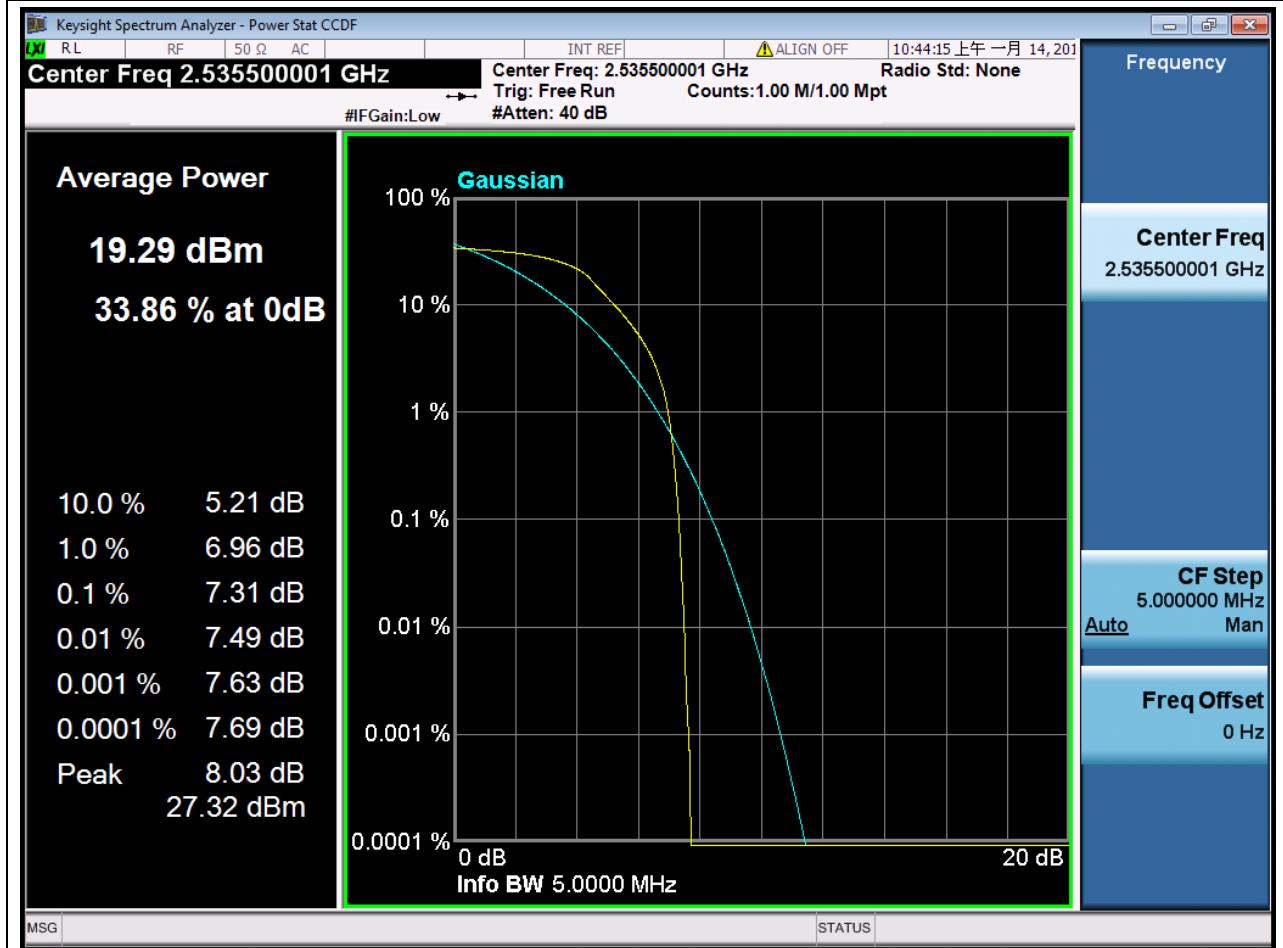
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:40045, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	7.88	13	Pass



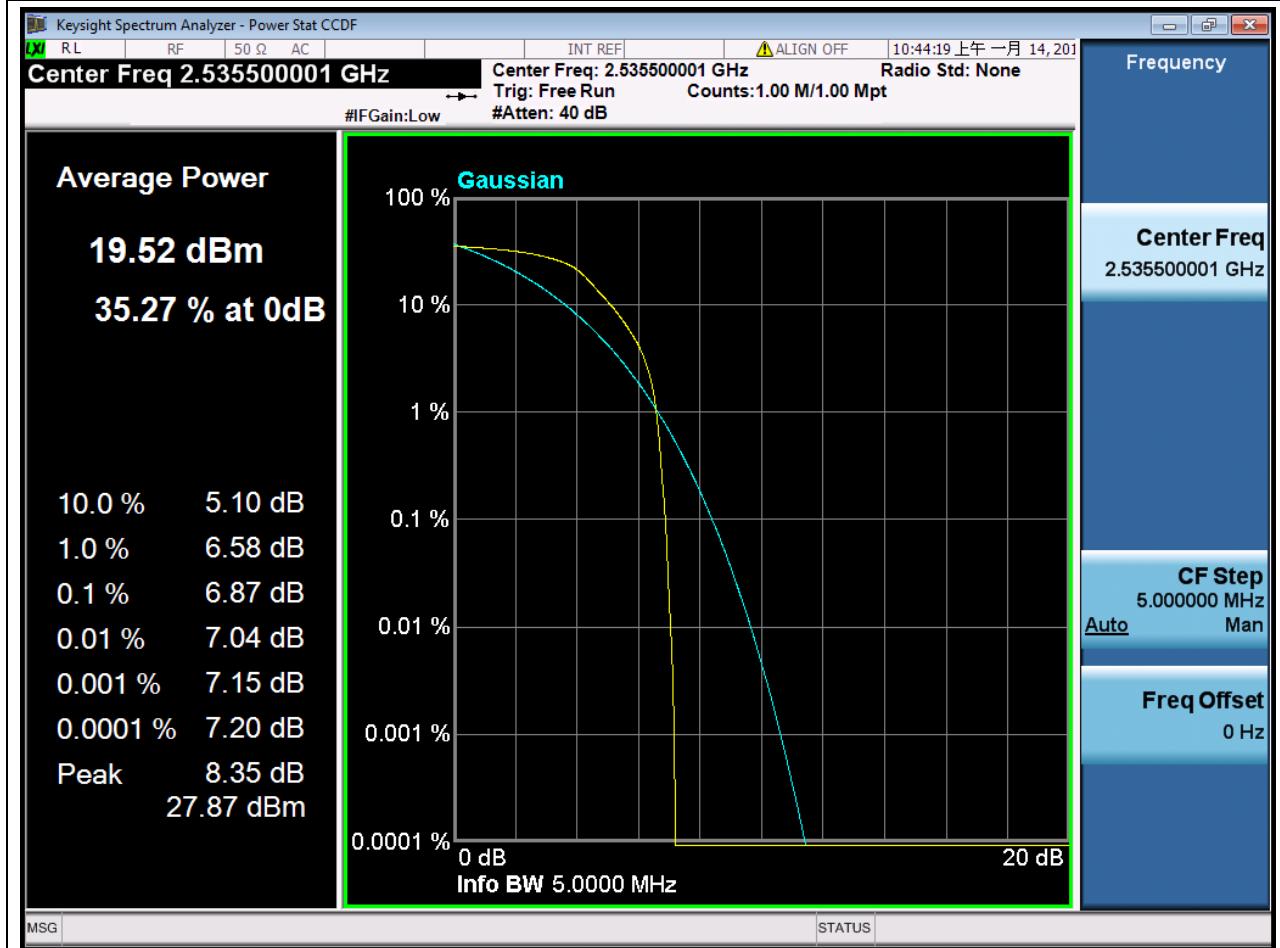
1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:40045, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	7.31	13	Pass



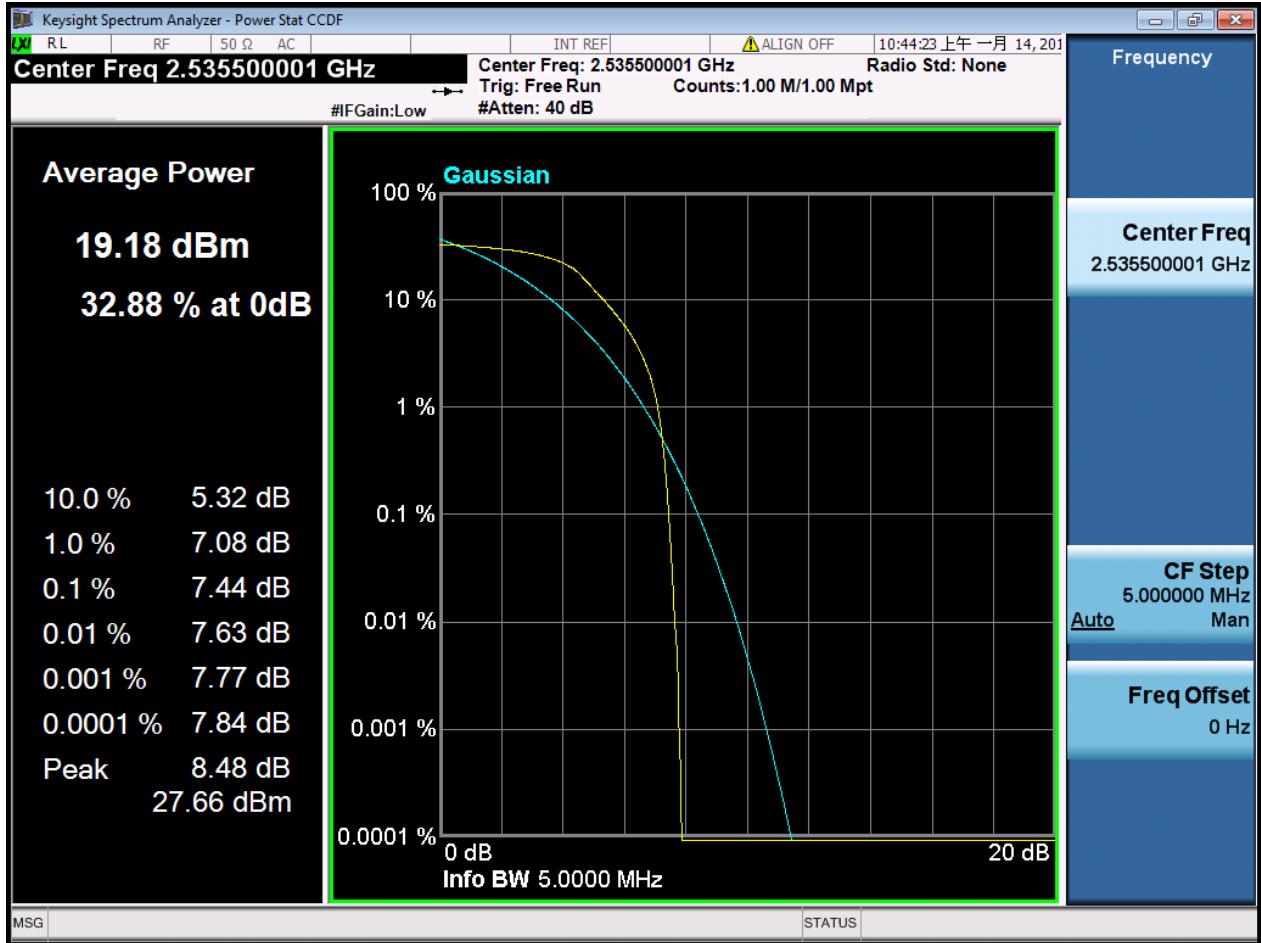
1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:40045, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	6.87	13	Pass



1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:40045, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	7.44	13	Pass

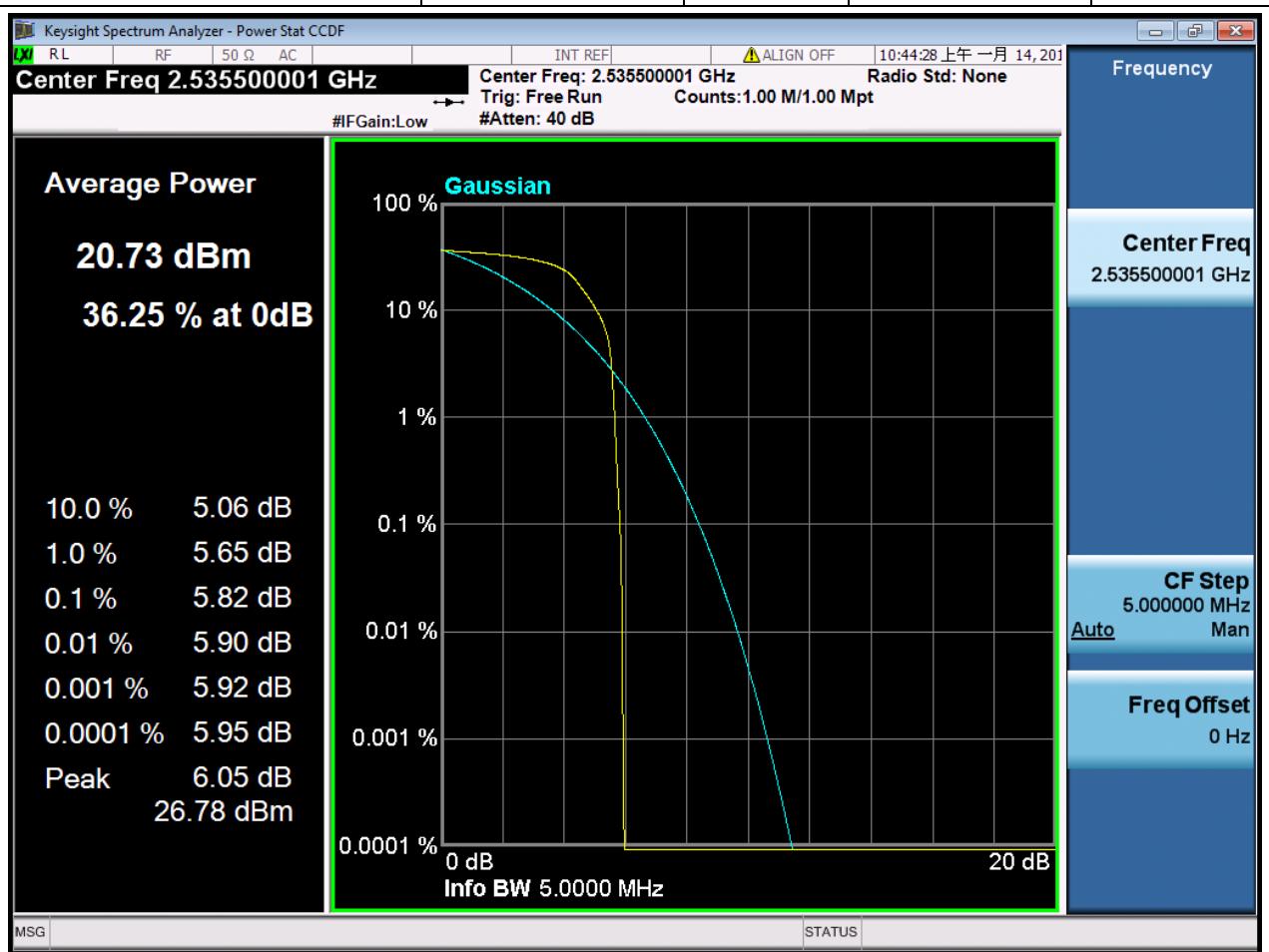


Average Power
19.18 dBm
32.88 % at 0 dB

10.0 %	5.32 dB
1.0 %	7.08 dB
0.1 %	7.44 dB
0.01 %	7.63 dB
0.001 %	7.77 dB
0.0001 %	7.84 dB
Peak	8.48 dB
	27.66 dBm

1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:40045, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	5.82	13	Pass

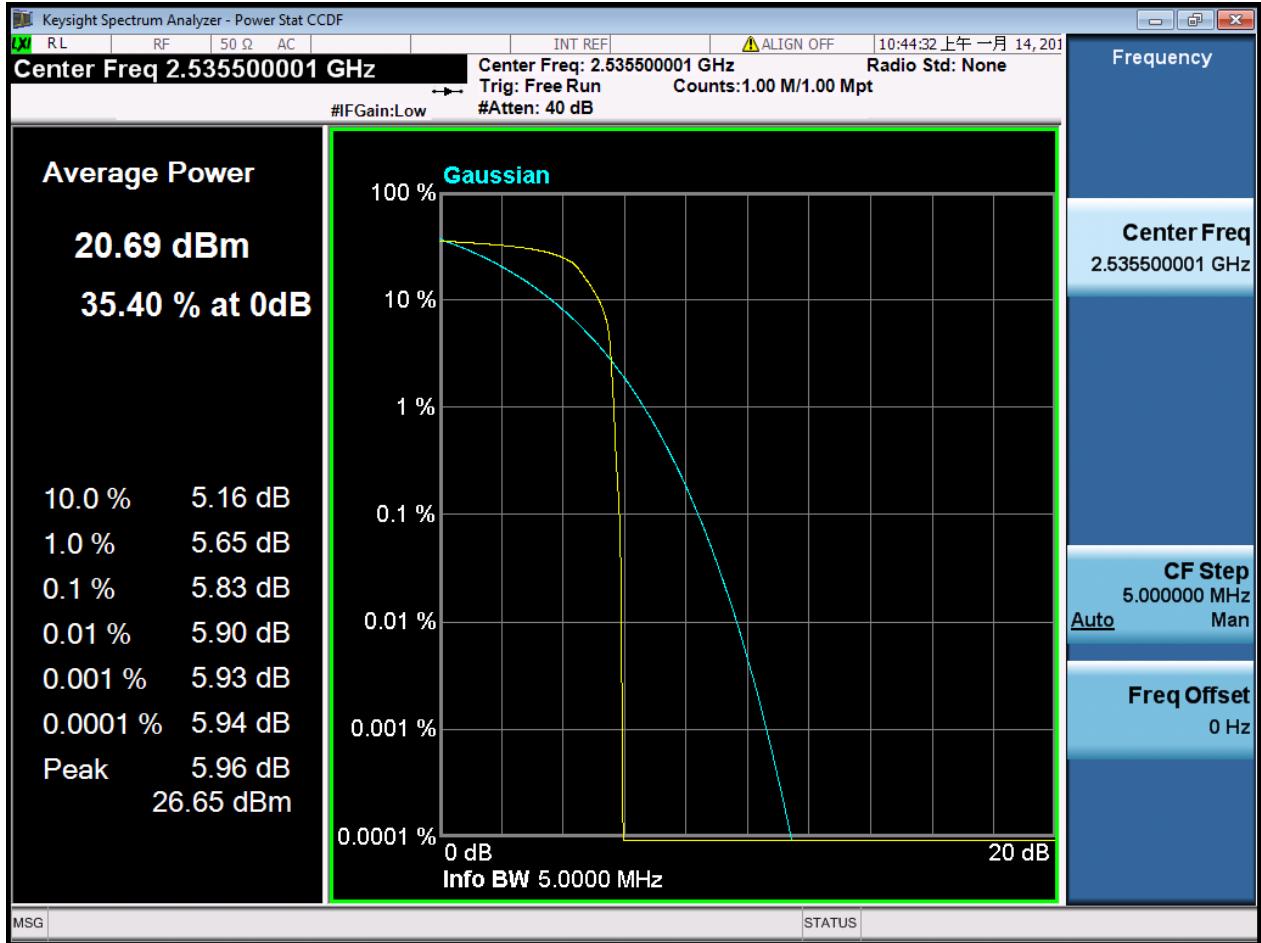


Average Power
20.73 dBm
36.25 % at 0dB

10.0 %	5.06 dB
1.0 %	5.65 dB
0.1 %	5.82 dB
0.01 %	5.90 dB
0.001 %	5.92 dB
0.0001 %	5.95 dB
Peak	6.05 dB
	26.78 dBm

1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:40045, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	5.83	13	Pass



Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:44:32 上午 一月 14, 201

Center Freq 2.535500001 GHz Center Freq: 2.535500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
20.69 dBm
35.40 % at 0dB

10.0 %	5.16 dB
1.0 %	5.65 dB
0.1 %	5.83 dB
0.01 %	5.90 dB
0.001 %	5.93 dB
0.0001 %	5.94 dB
Peak	5.96 dB
	26.65 dBm

Gaussian

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

0 dB 20 dB

Info BW 5.0000 MHz

Frequency
Center Freq 2.535500001 GHz

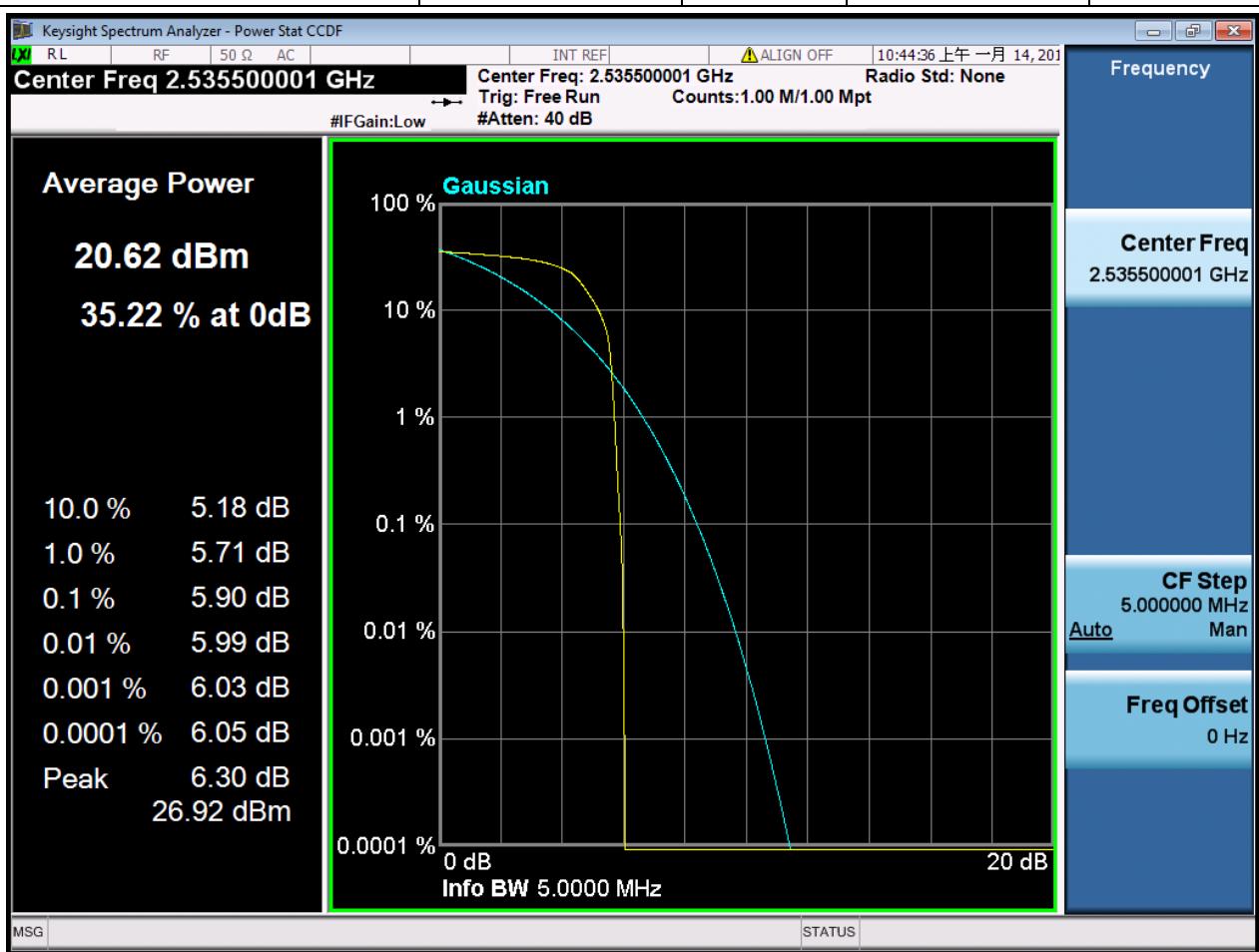
CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

MSG STATUS

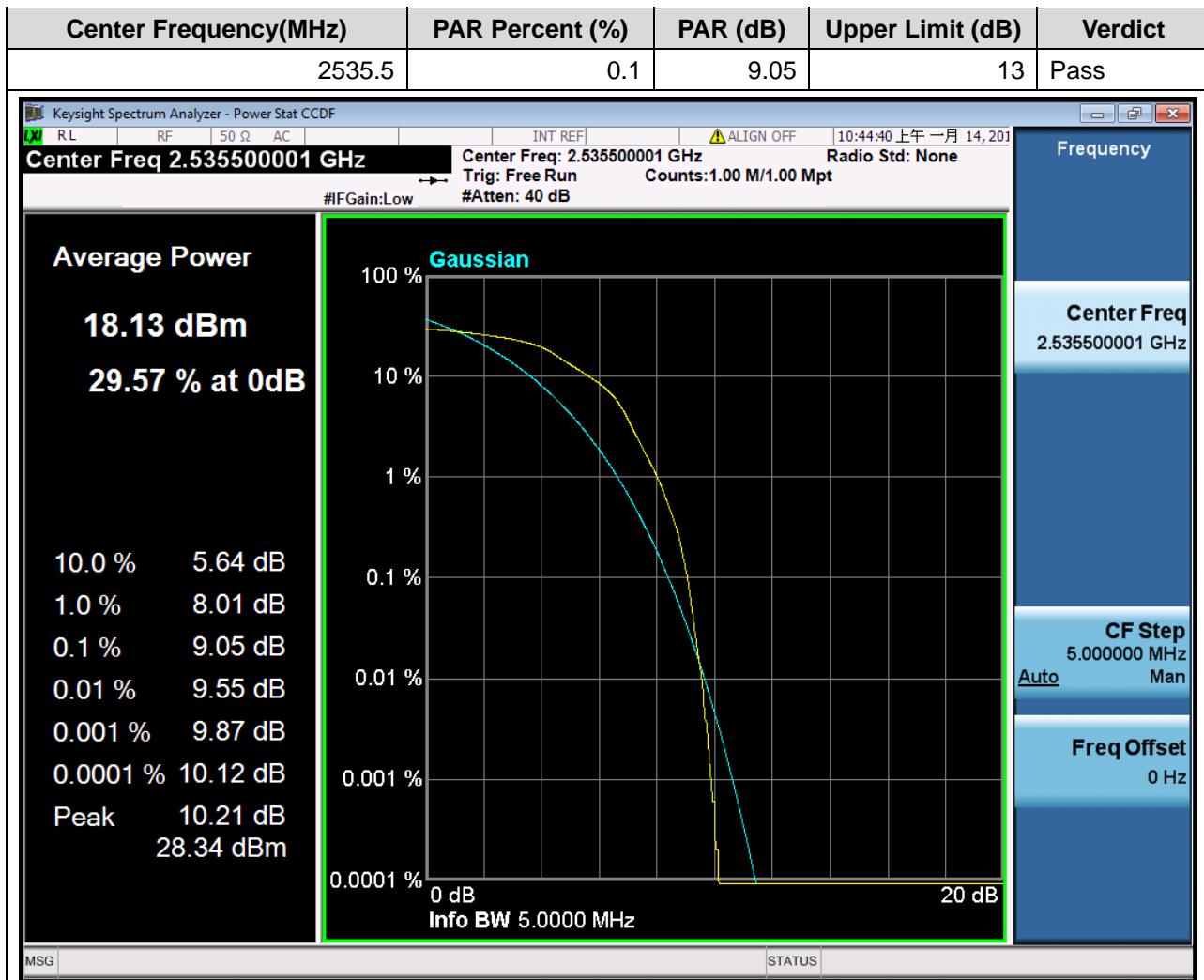
1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:40045, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	5.9	13	Pass



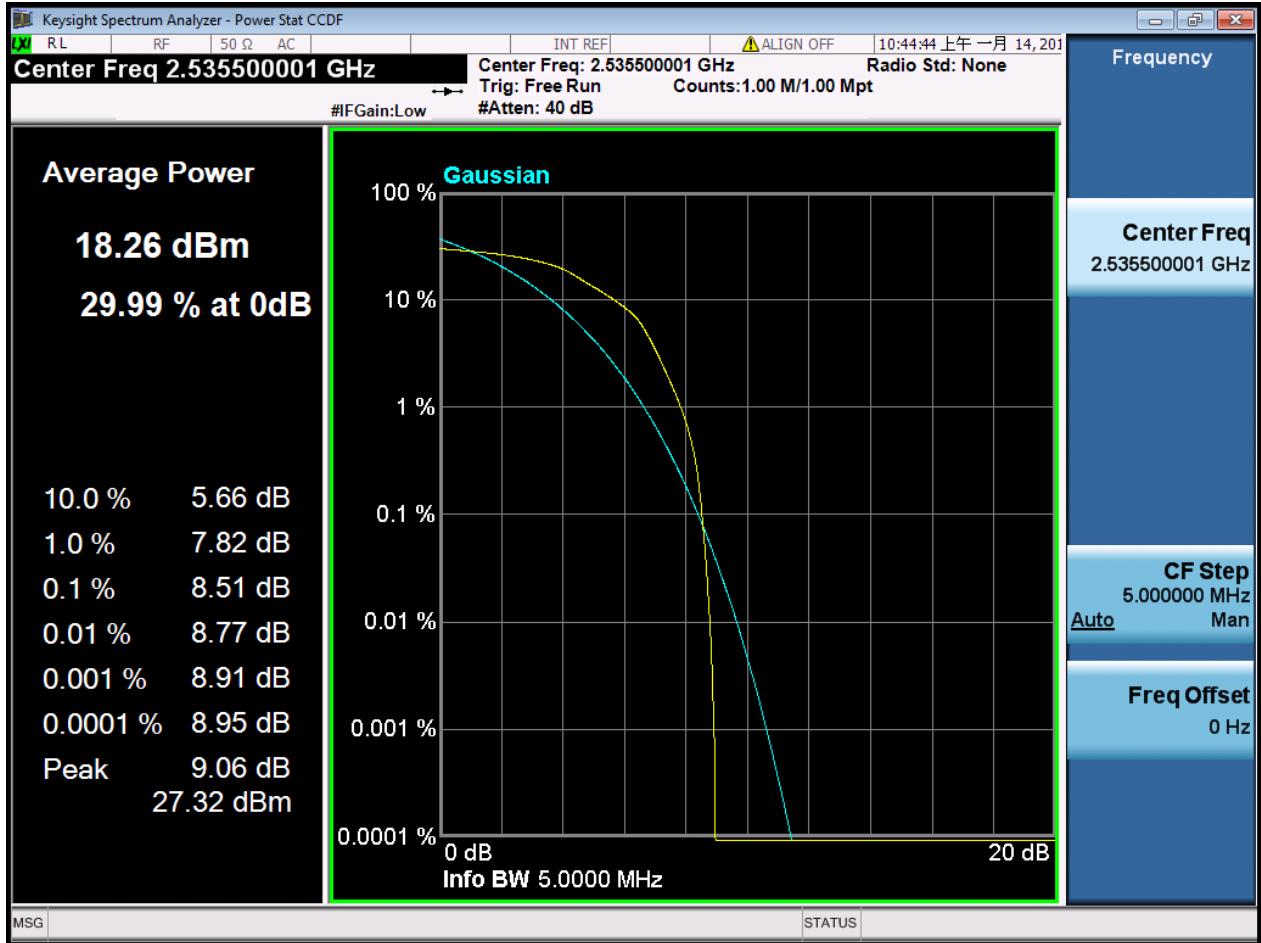
Category	Value
Average Power	20.62 dBm
35.22 % at 0dB	
10.0 %	5.18 dB
1.0 %	5.71 dB
0.1 %	5.90 dB
0.01 %	5.99 dB
0.001 %	6.03 dB
0.0001 %	6.05 dB
Peak	6.30 dB
	26.92 dBm

1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:40045, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



1.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:40045, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

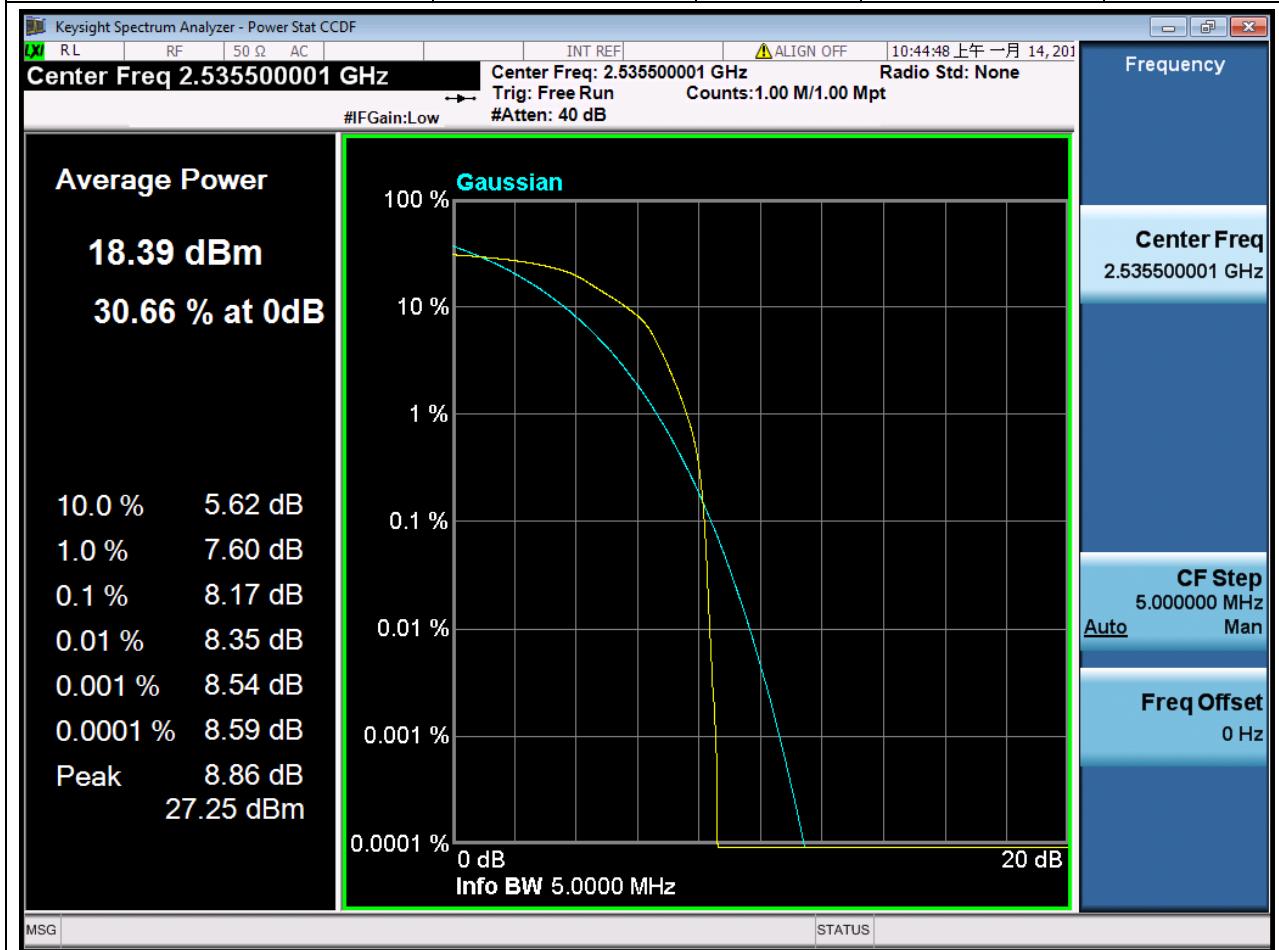
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	8.51	13	Pass



Average Power	18.26 dBm
	29.99 % at 0dB
10.0 %	5.66 dB
1.0 %	7.82 dB
0.1 %	8.51 dB
0.01 %	8.77 dB
0.001 %	8.91 dB
0.0001 %	8.95 dB
Peak	9.06 dB
	27.32 dBm

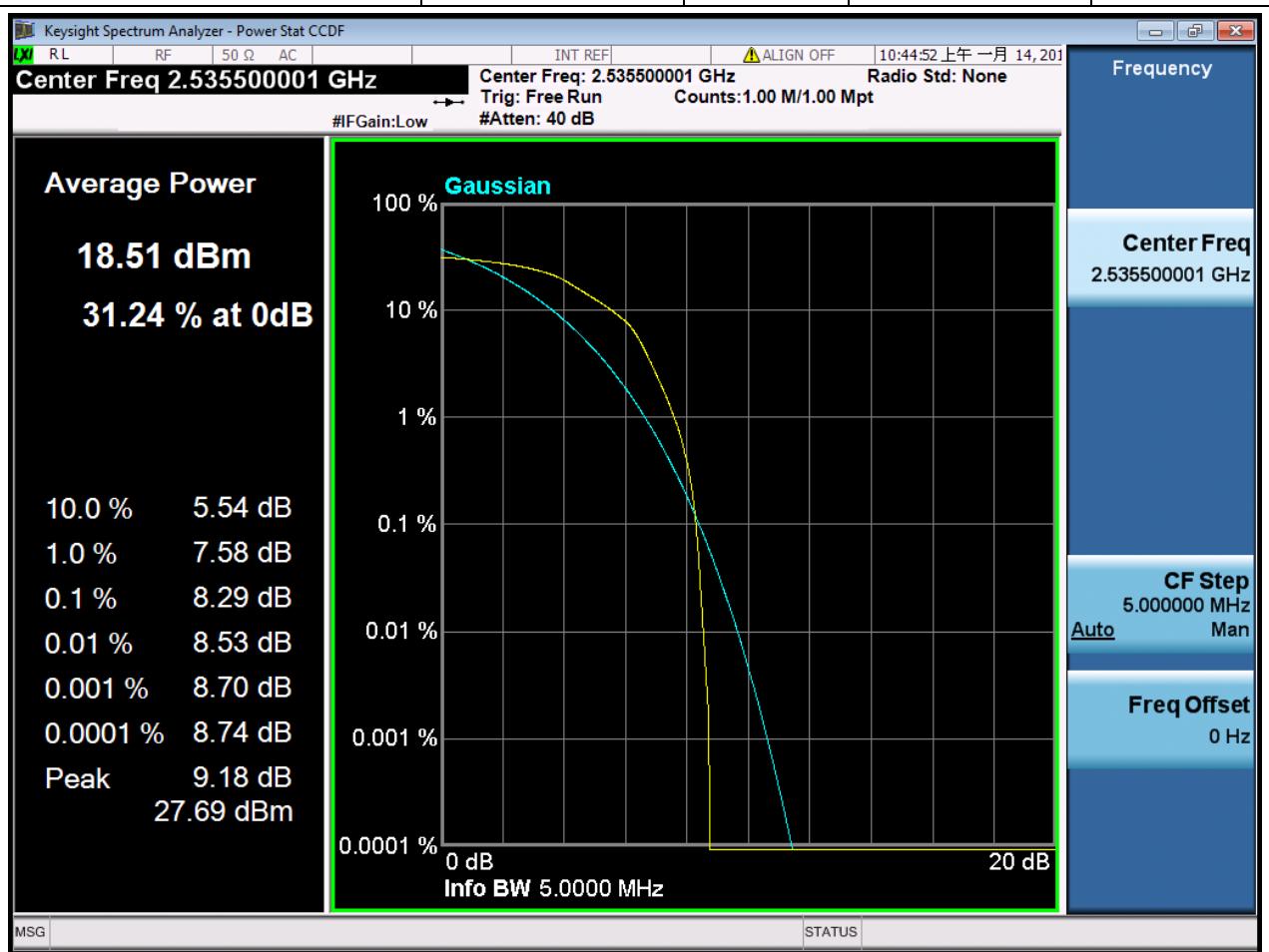
1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:40045, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	8.17	13	Pass



1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:40045, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	8.29	13	Pass



Average Power
18.51 dBm
31.24 % at 0dB

10.0 %	5.54 dB
1.0 %	7.58 dB
0.1 %	8.29 dB
0.01 %	8.53 dB
0.001 %	8.70 dB
0.0001 %	8.74 dB
Peak	9.18 dB
	27.69 dBm

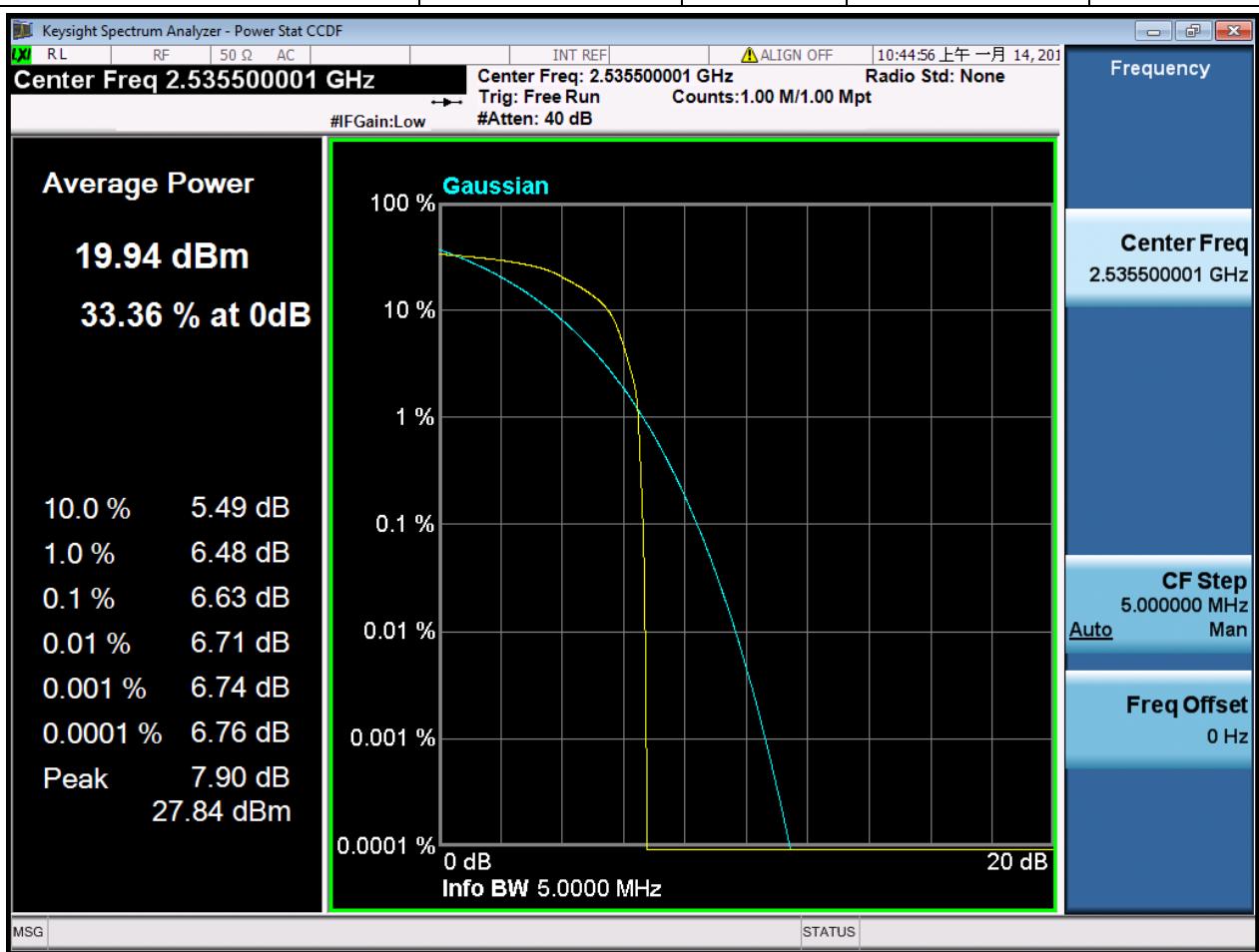
Center Freq
2.535500001 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:40045, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	6.63	13	Pass

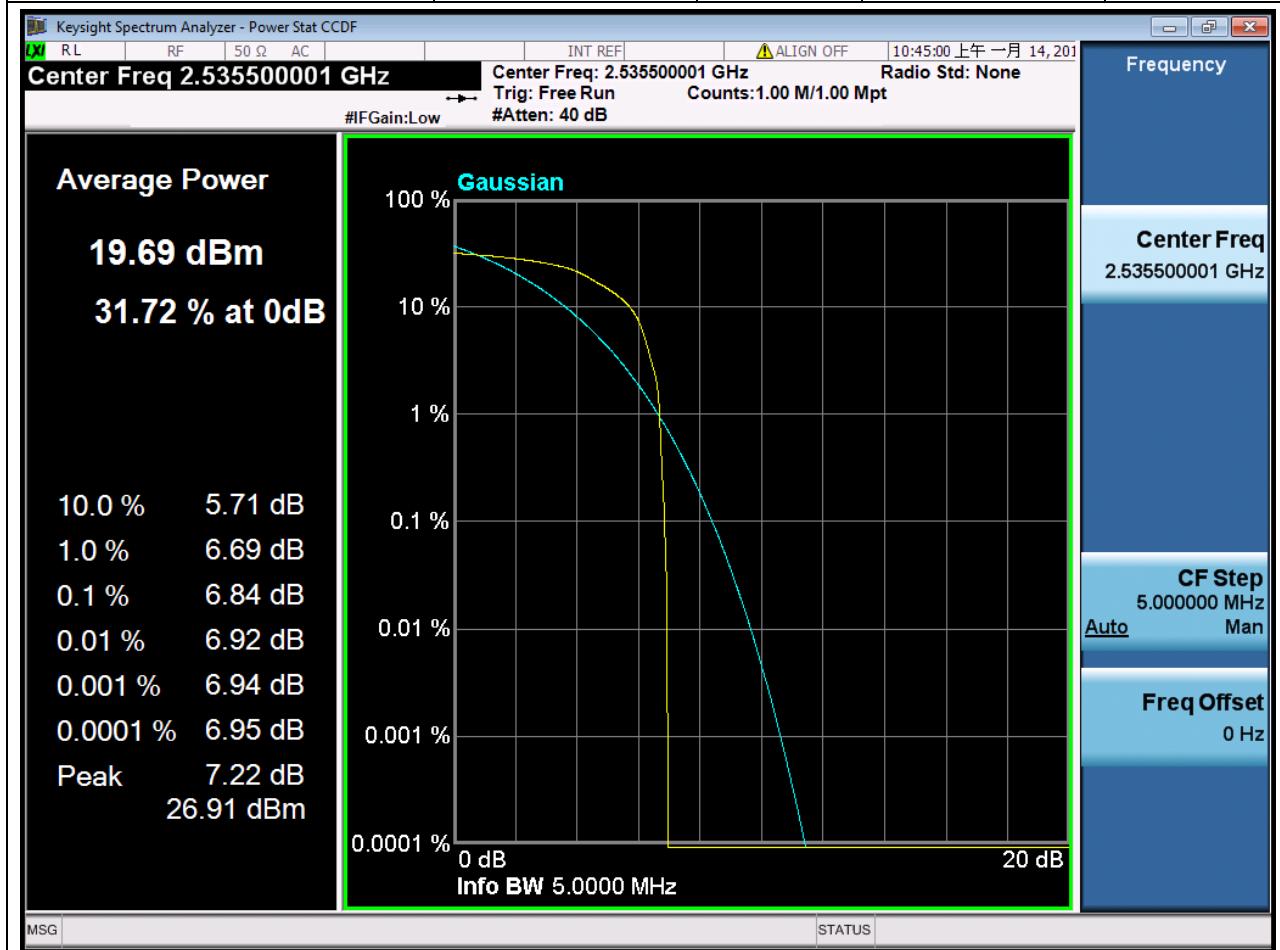


Average Power
19.94 dBm
33.36 % at 0dB

10.0 %	5.49 dB
1.0 %	6.48 dB
0.1 %	6.63 dB
0.01 %	6.71 dB
0.001 %	6.74 dB
0.0001 %	6.76 dB
Peak	7.90 dB
	27.84 dBm

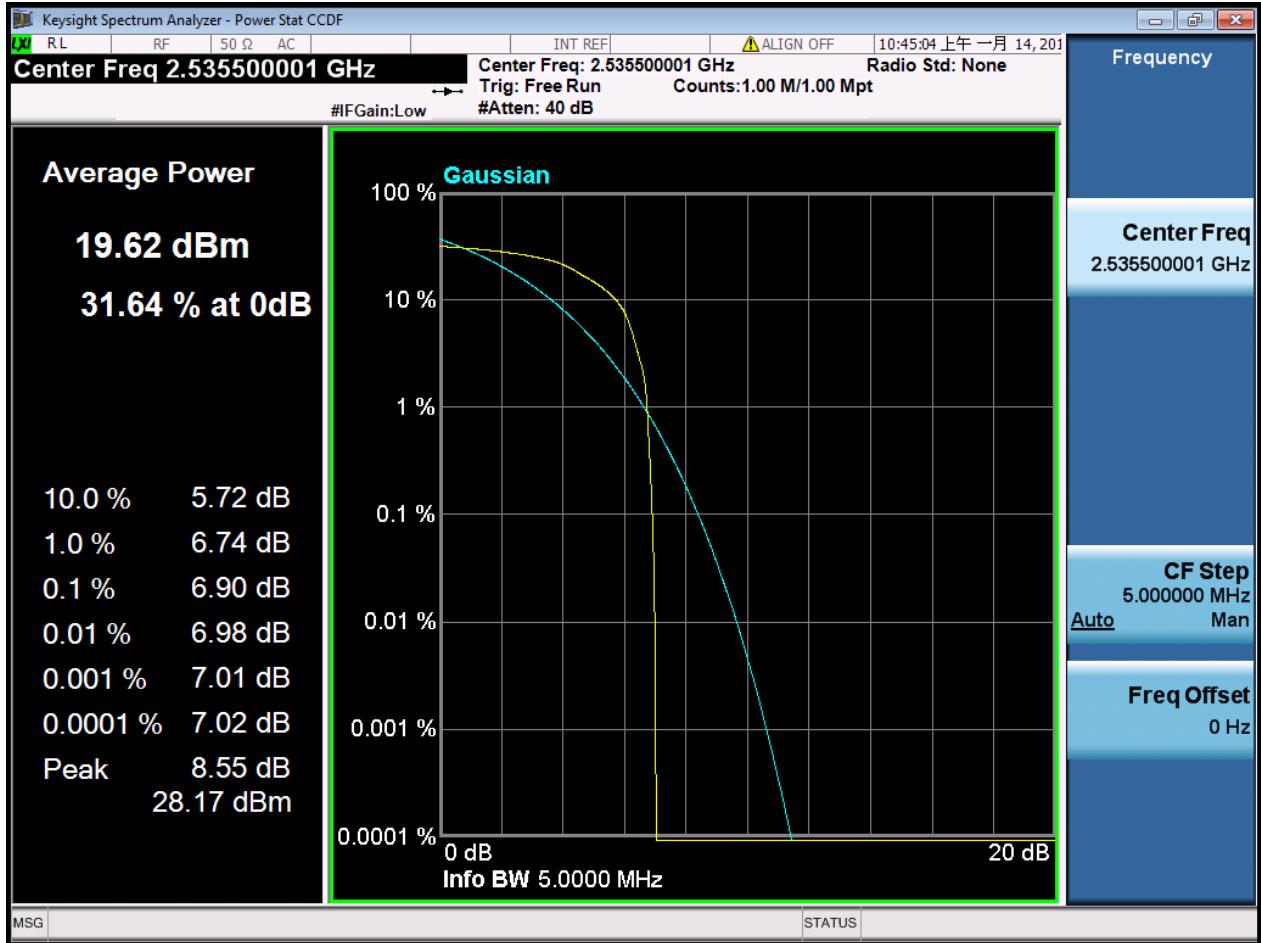
1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:40045, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	6.84	13	Pass



1.14. LTE Peak to Average Ratio(NTNV)(Subtest:14, Channel:40045, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.5	0.1	6.9	13	Pass



Average Power
19.62 dBm
31.64 % at 0dB

10.0 %	5.72 dB
1.0 %	6.74 dB
0.1 %	6.90 dB
0.01 %	6.98 dB
0.001 %	7.01 dB
0.0001 %	7.02 dB
Peak	8.55 dB
	28.17 dBm

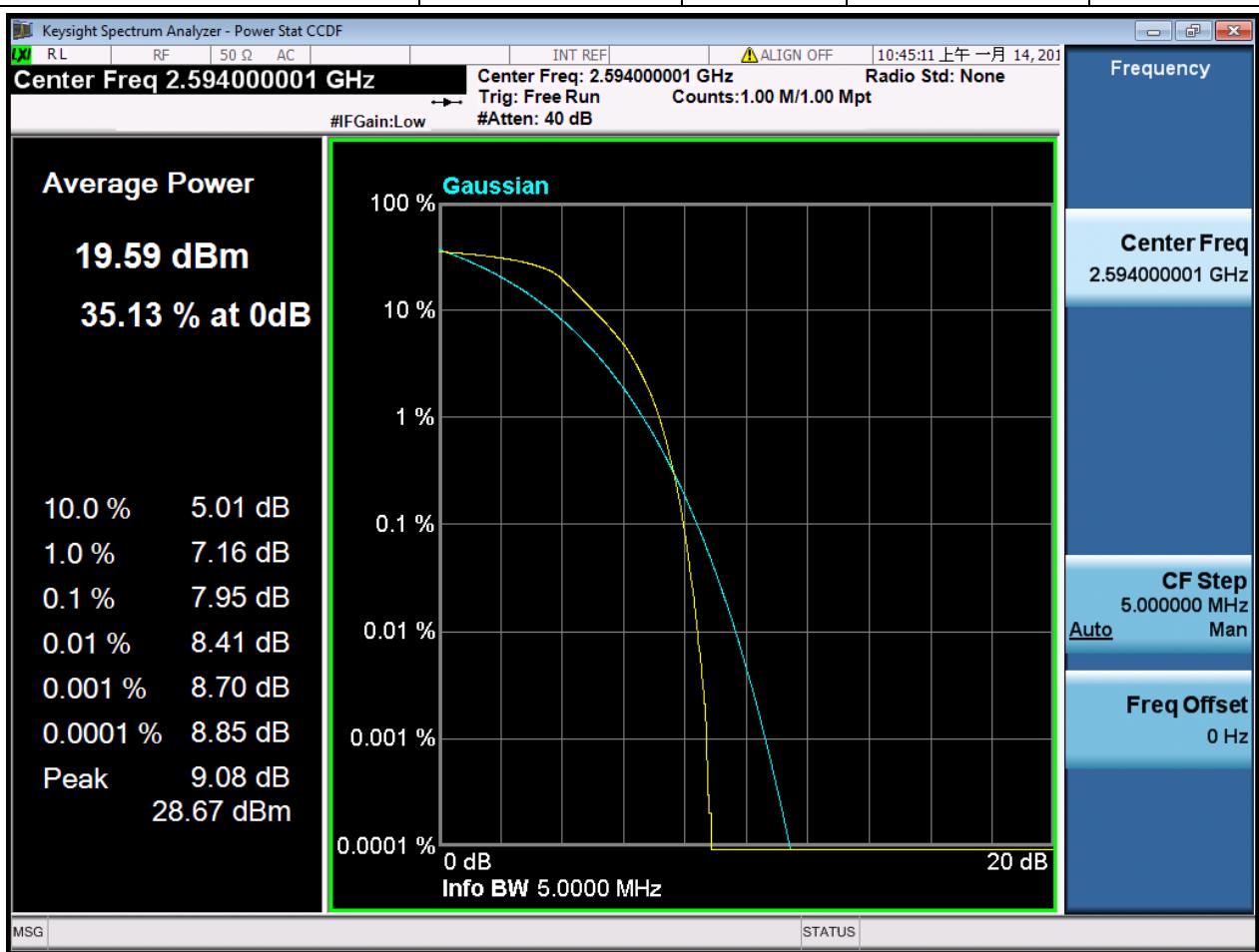
Center Freq 2.535500001 GHz
Center Freq: 2.535500001 GHz Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.535500001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

1.15. LTE Peak to Average Ratio(NTNV)(Subtest:15, Channel:40630, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.95	13	Pass



Average Power
19.59 dBm
35.13 % at 0dB

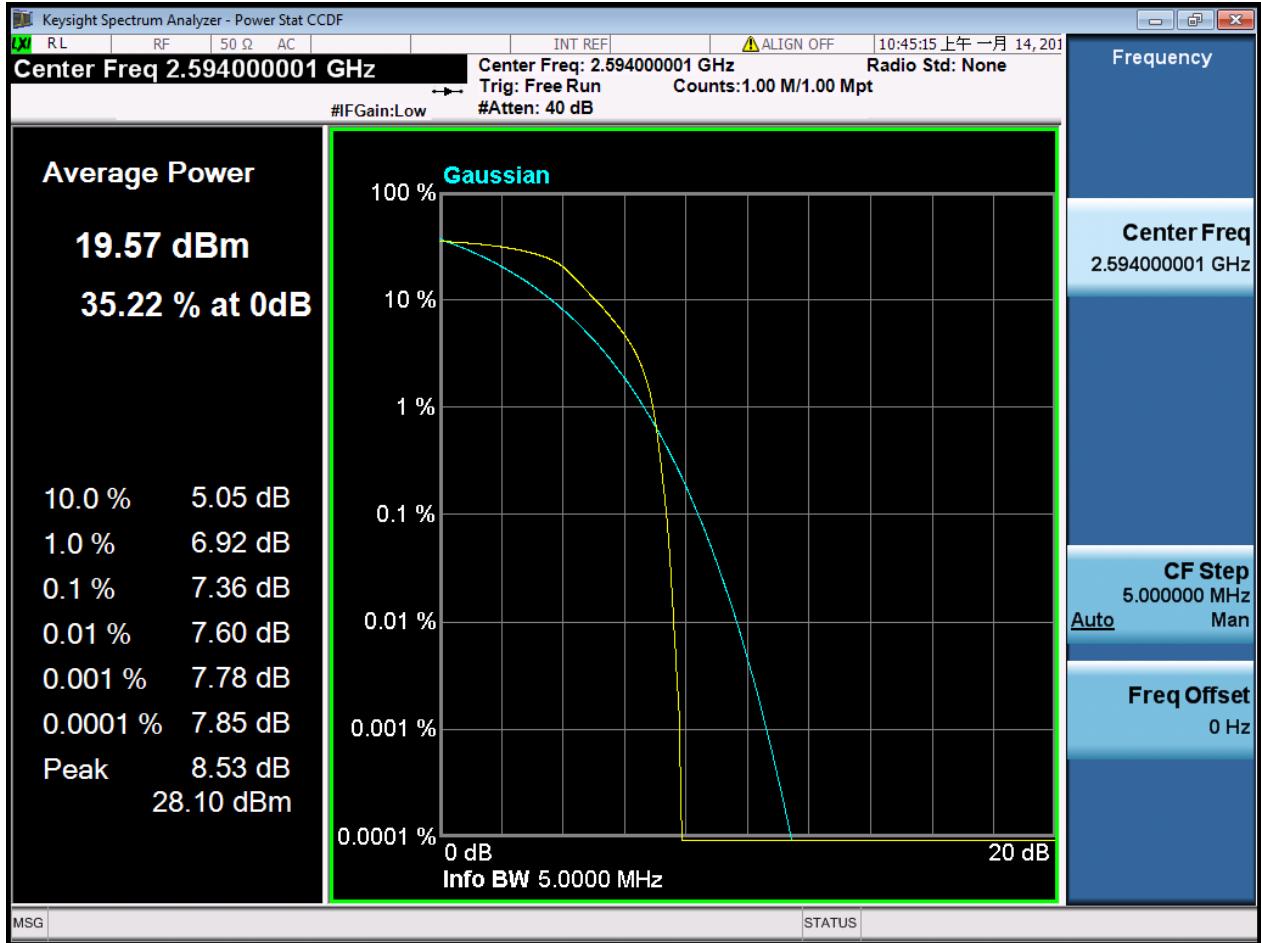
10.0 %	5.01 dB
1.0 %	7.16 dB
0.1 %	7.95 dB
0.01 %	8.41 dB
0.001 %	8.70 dB
0.0001 %	8.85 dB
Peak	9.08 dB
	28.67 dBm

Gaussian
Info BW 5.0000 MHz
0 dB 20 dB

Center Freq 2.594000001 GHz
CF Step 5.000000 MHz
Freq Offset 0 Hz

1.16. LTE Peak to Average Ratio(NTNV)(Subtest:16, Channel:40630, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.36	13	Pass



Average Power
19.57 dBm
35.22 % at 0dB

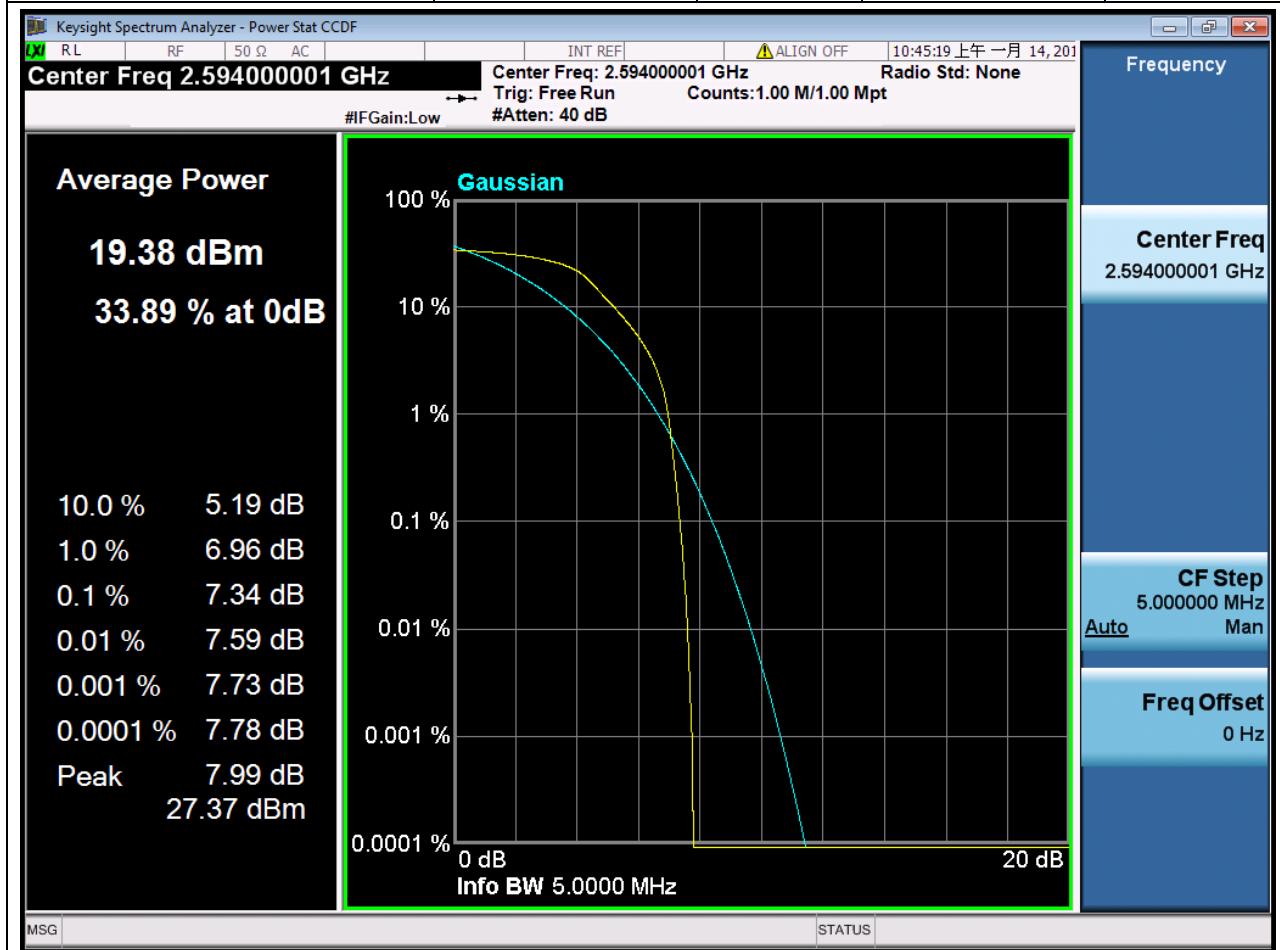
10.0 %	5.05 dB
1.0 %	6.92 dB
0.1 %	7.36 dB
0.01 %	7.60 dB
0.001 %	7.78 dB
0.0001 %	7.85 dB
Peak	8.53 dB
	28.10 dBm

Center Freq 2.594000001 GHz
Center Freq: 2.594000001 GHz
Trig: Free Run
Counts: 1.00 M/1.00 Mpt
#IFGain:Low
#Atten: 40 dB

Frequency
Center Freq 2.594000001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

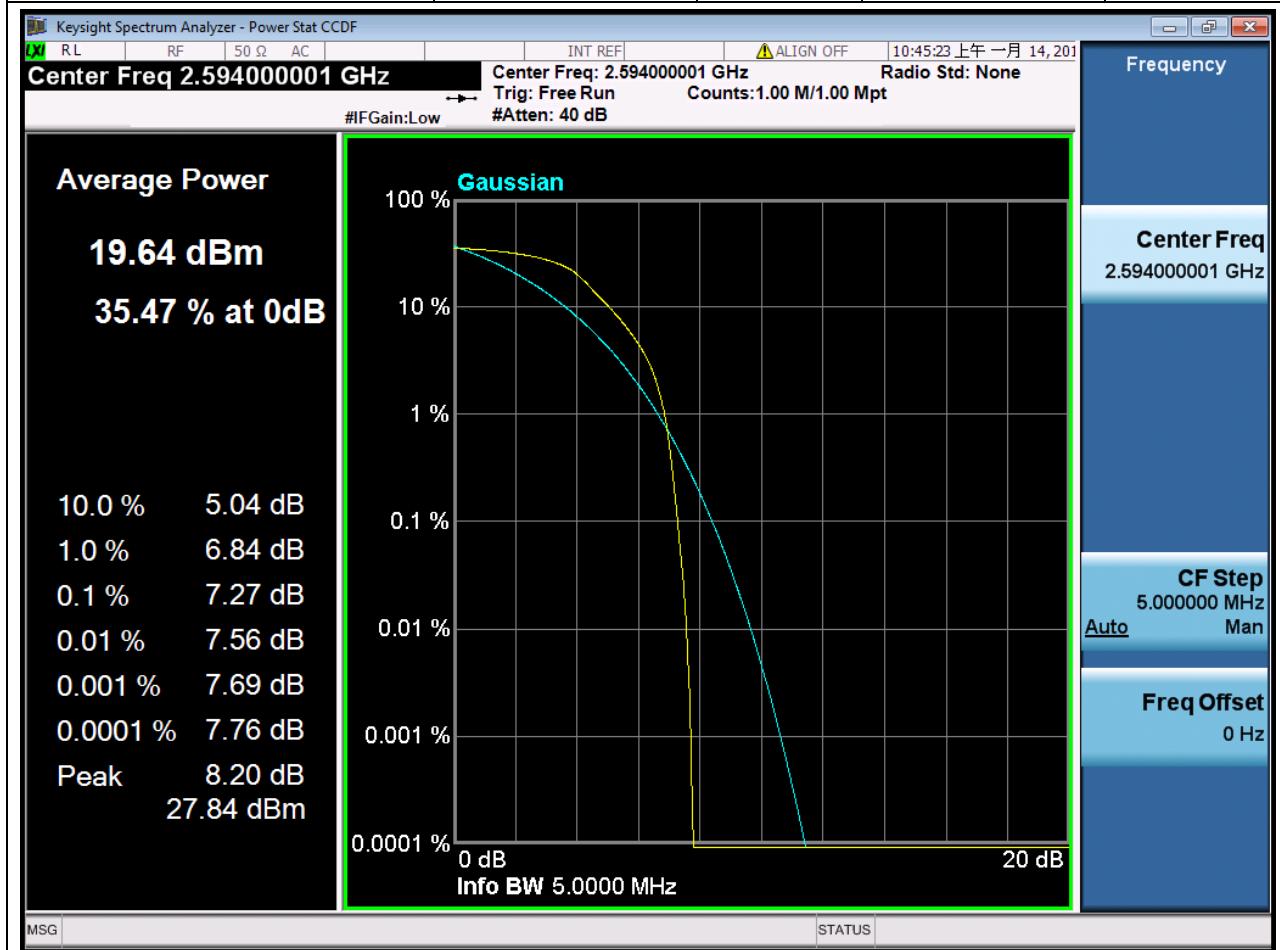
1.17. LTE Peak to Average Ratio(NTNV)(Subtest:17, Channel:40630, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.34	13	Pass



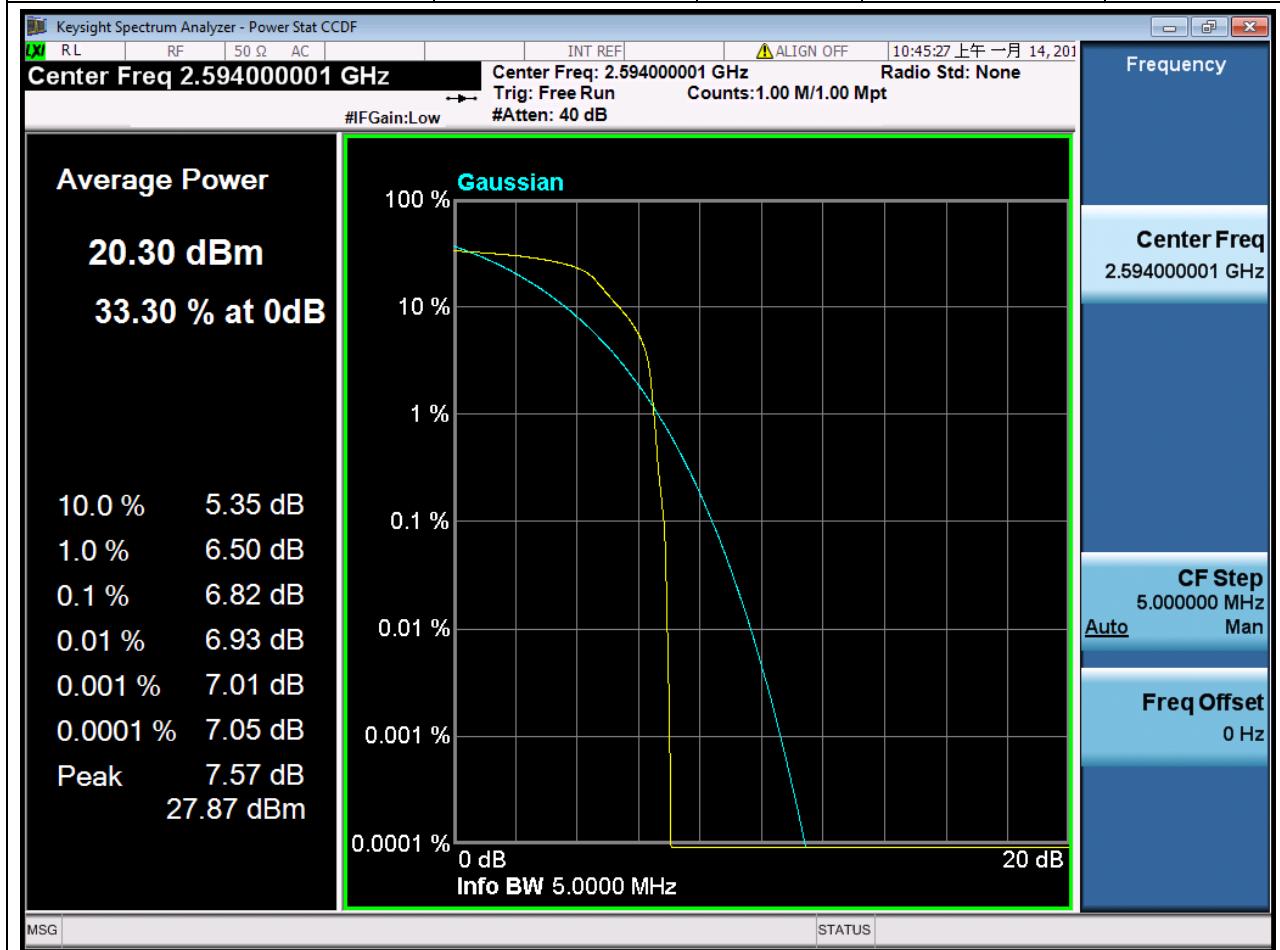
1.18. LTE Peak to Average Ratio(NTNV)(Subtest:18, Channel:40630, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.27	13	Pass



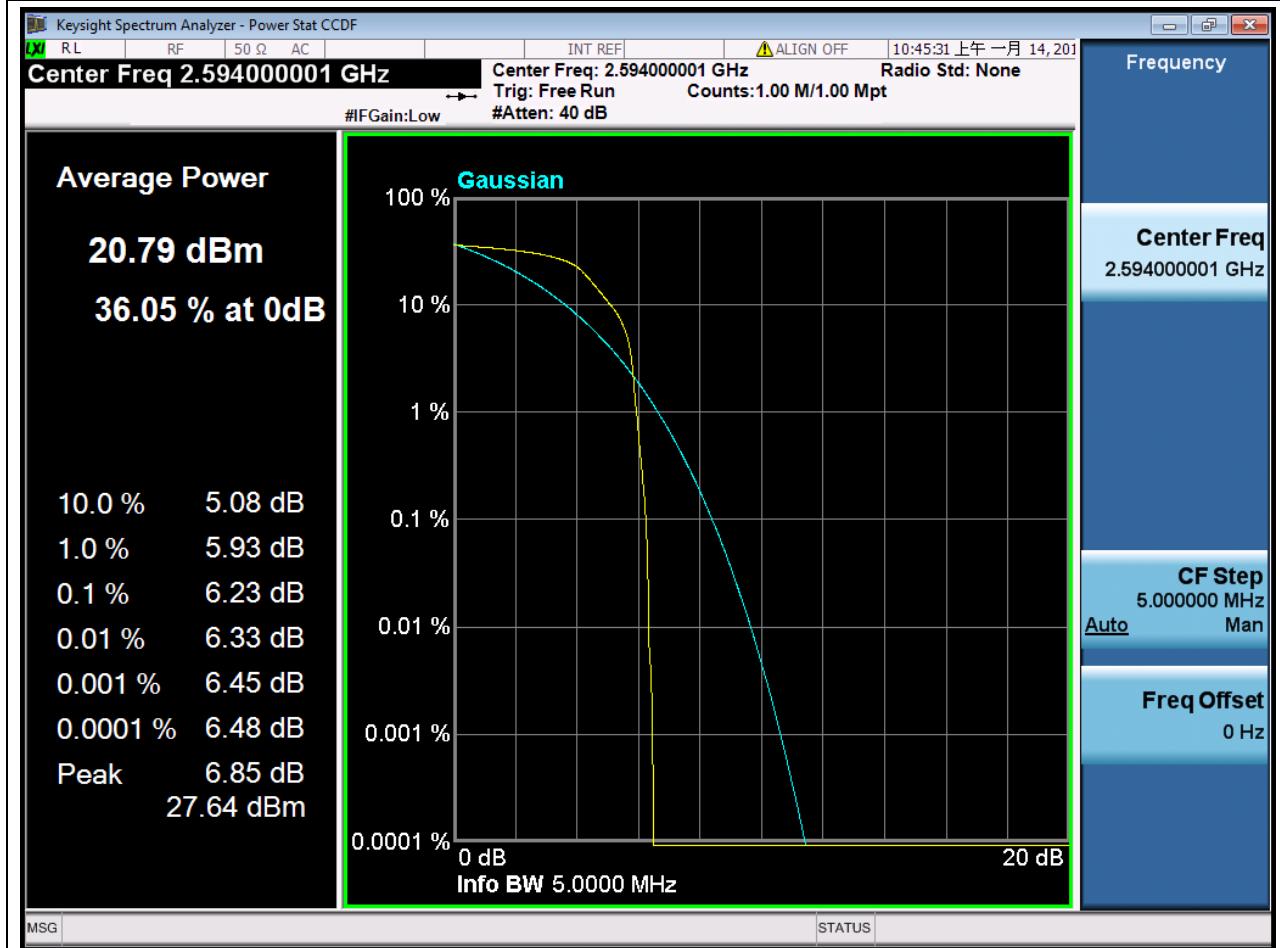
1.19. LTE Peak to Average Ratio(NTNV)(Subtest:19, Channel:40630, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	6.82	13	Pass



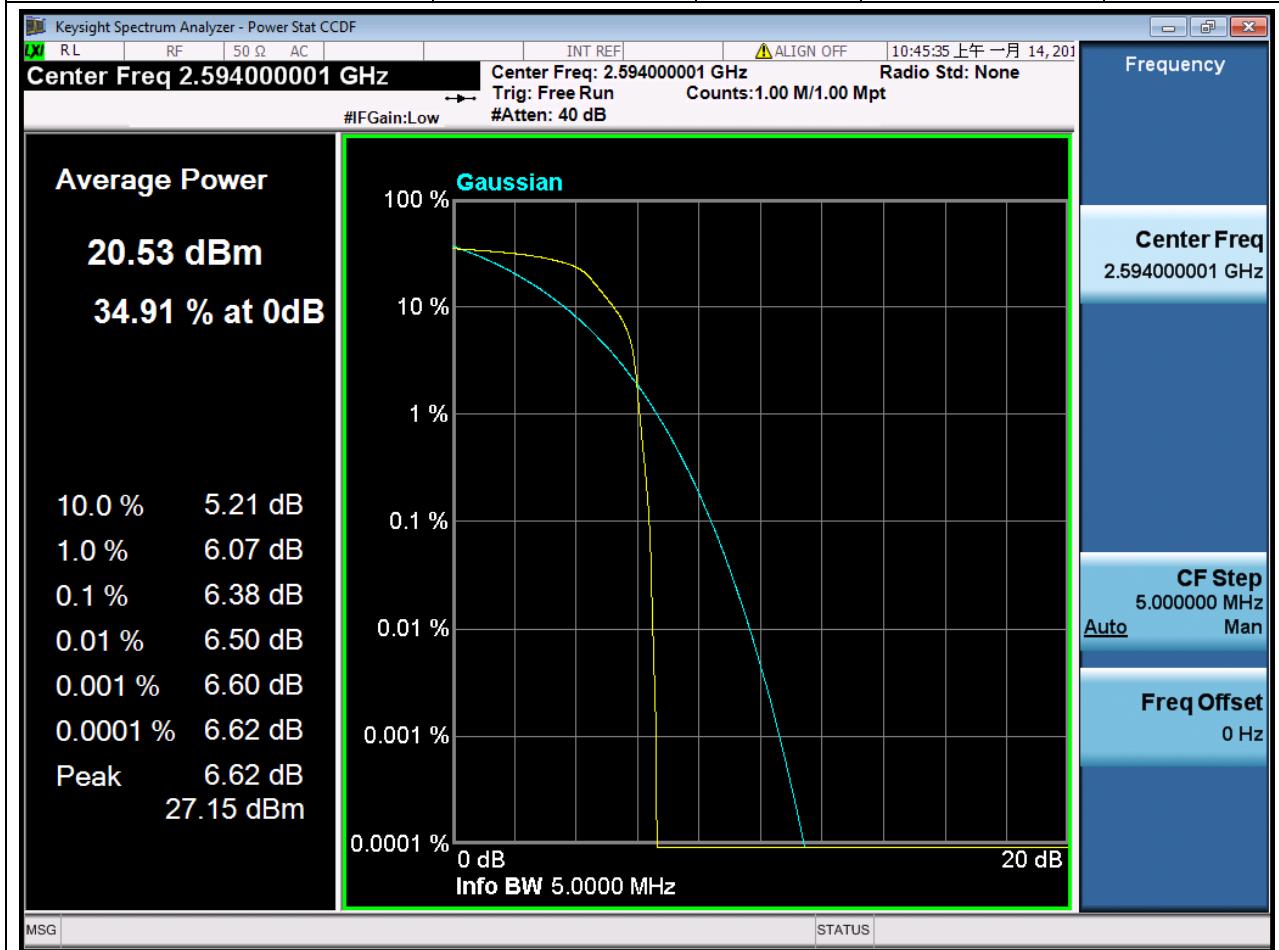
1.20. LTE Peak to Average Ratio(NTNV)(Subtest:20, Channel:40630, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	6.23	13	Pass



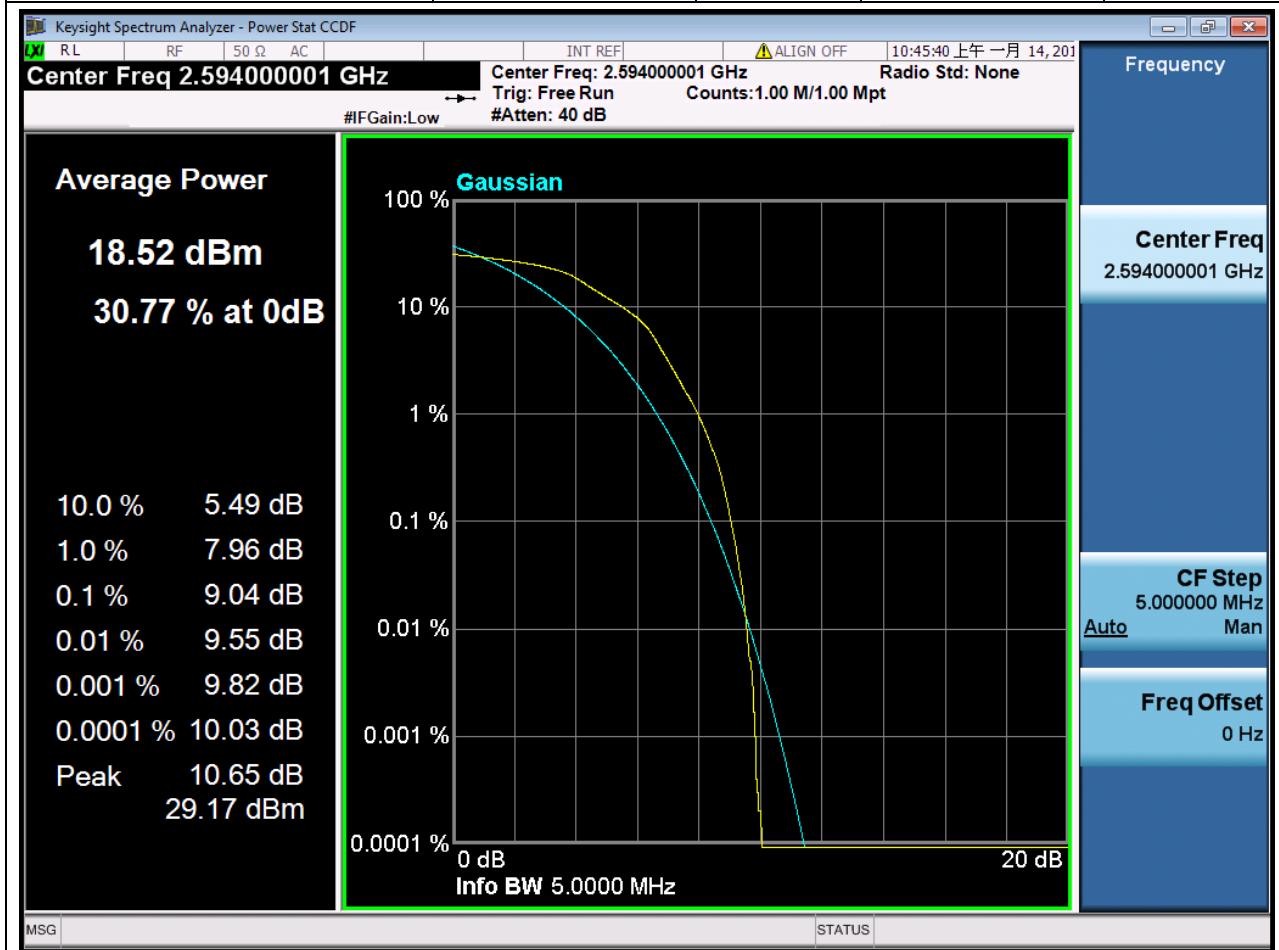
1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:40630, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	6.38	13	Pass



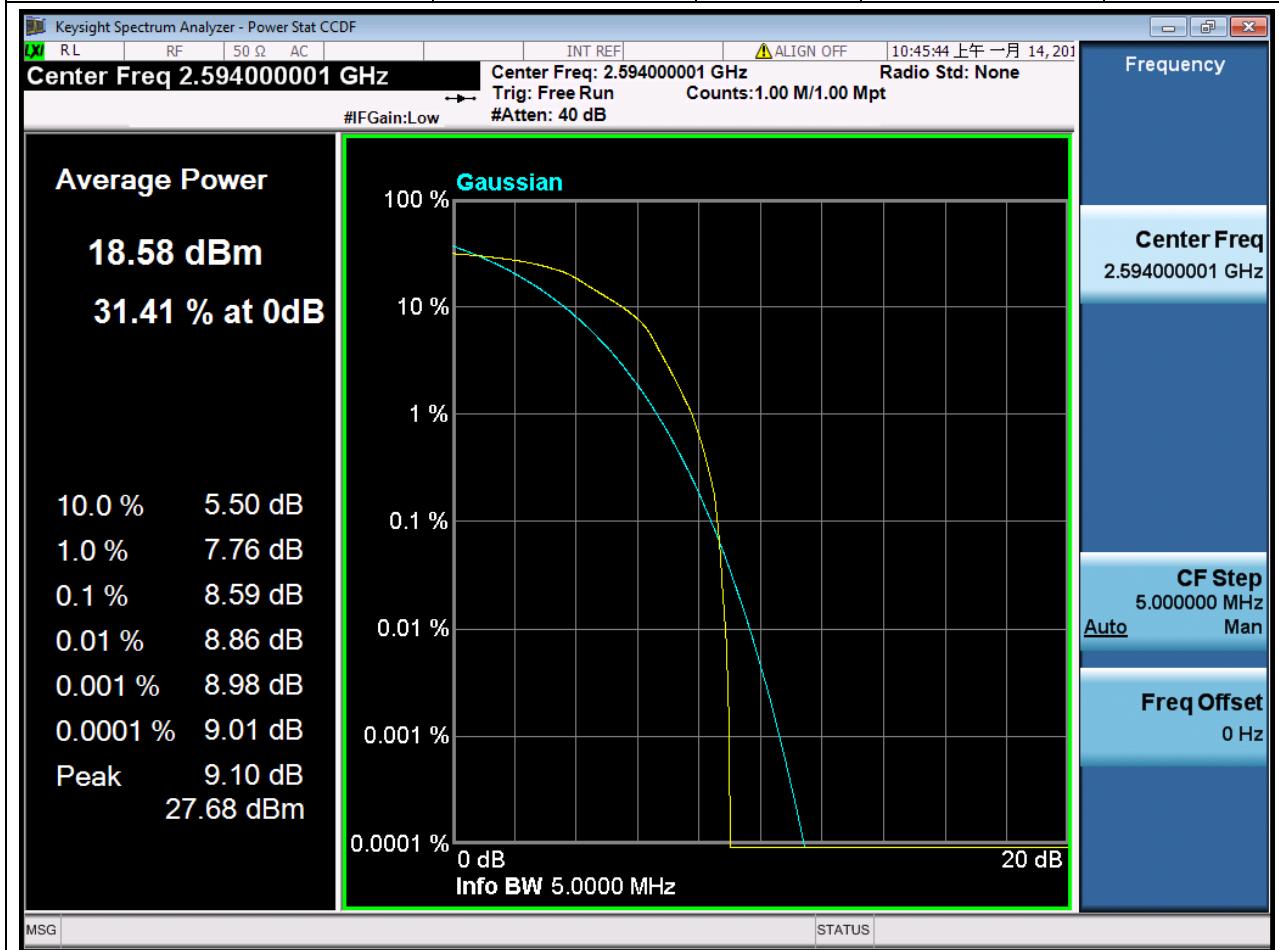
1.22. LTE Peak to Average Ratio(NTNV)(Subtest:22, Channel:40630, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	9.04	13	Pass



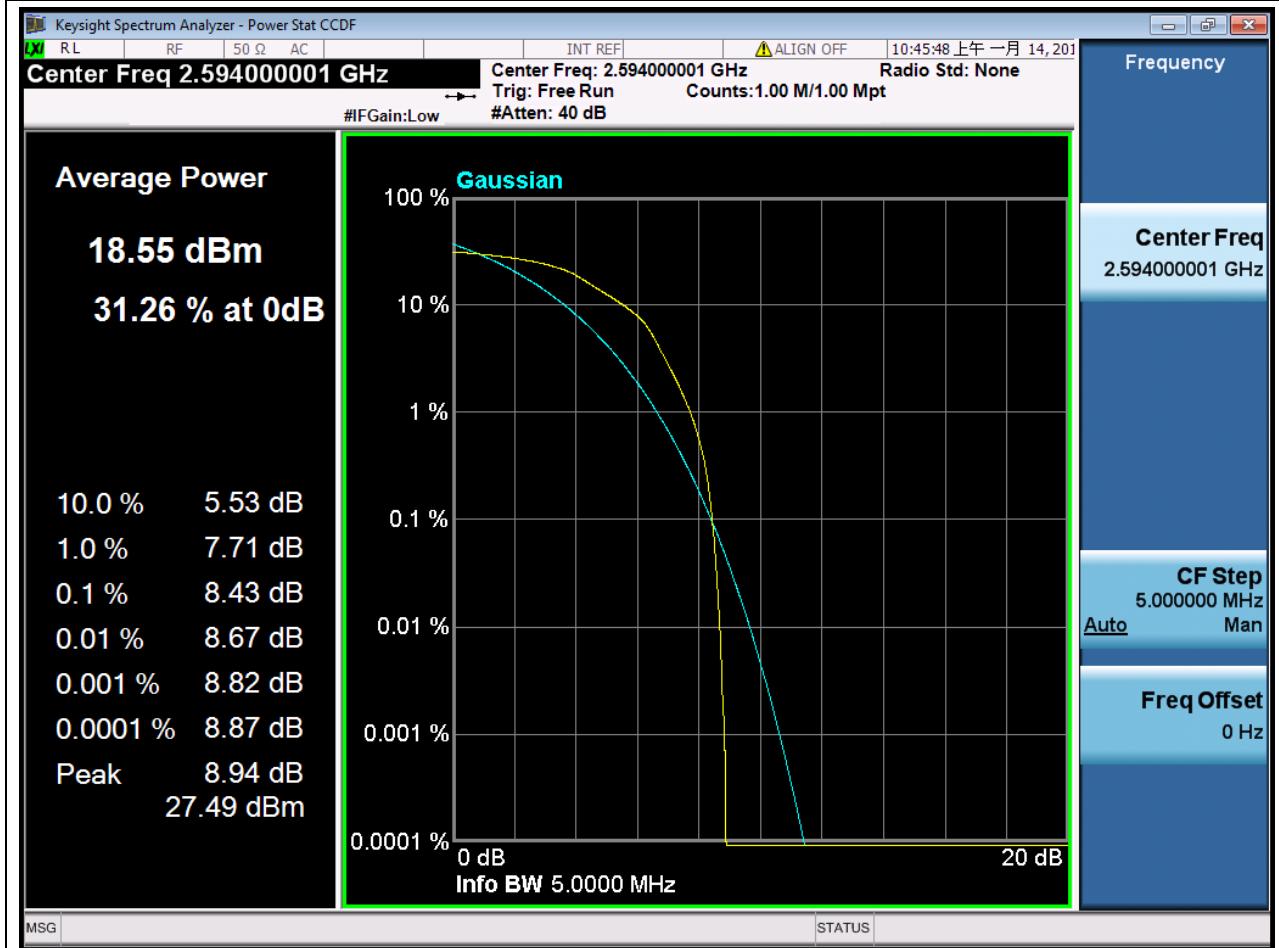
1.23. LTE Peak to Average Ratio(NTNV)(Subtest:23, Channel:40630, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	8.59	13	Pass



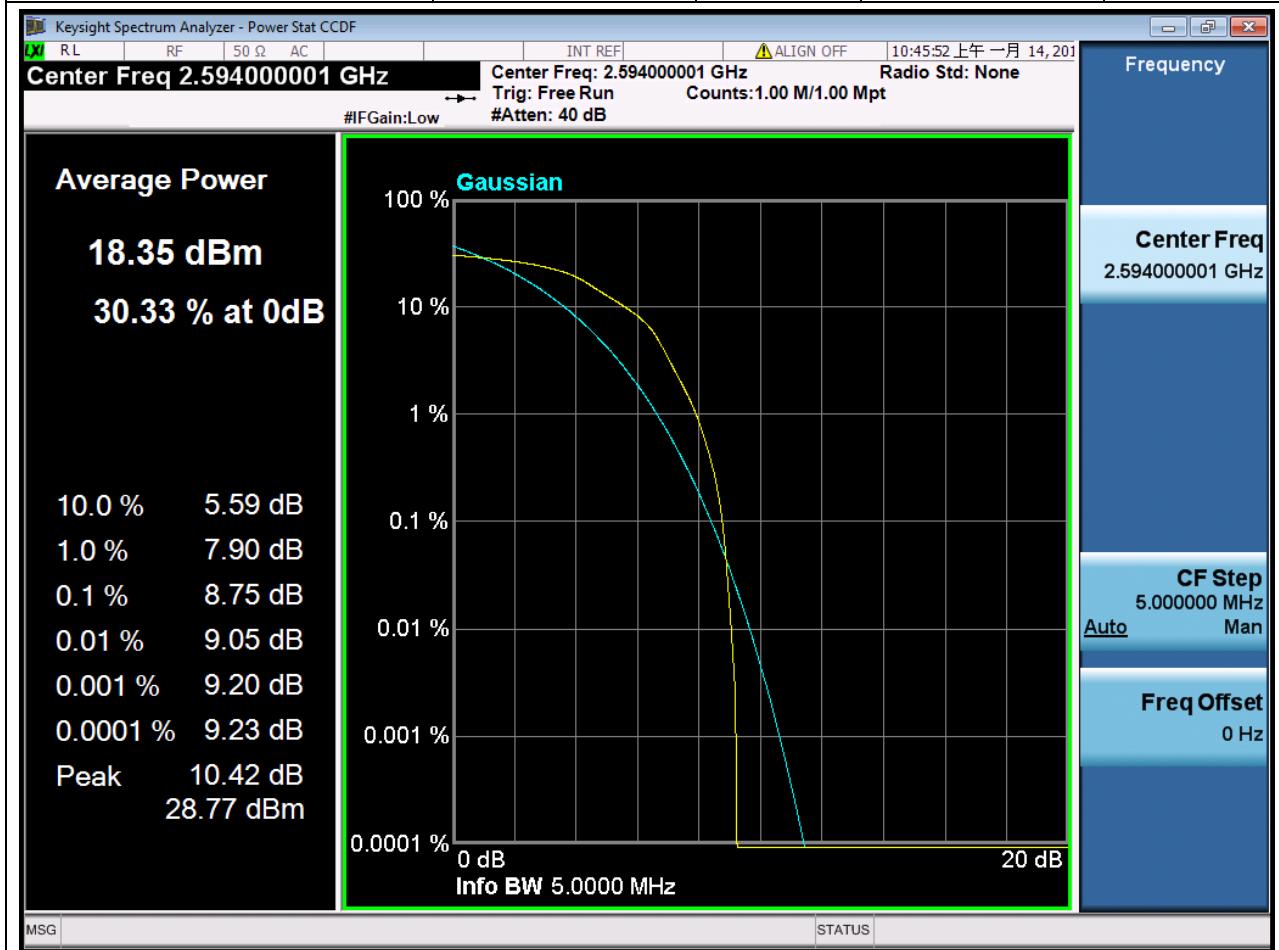
1.24. LTE Peak to Average Ratio(NTNV)(Subtest:24, Channel:40630, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	8.43	13	Pass



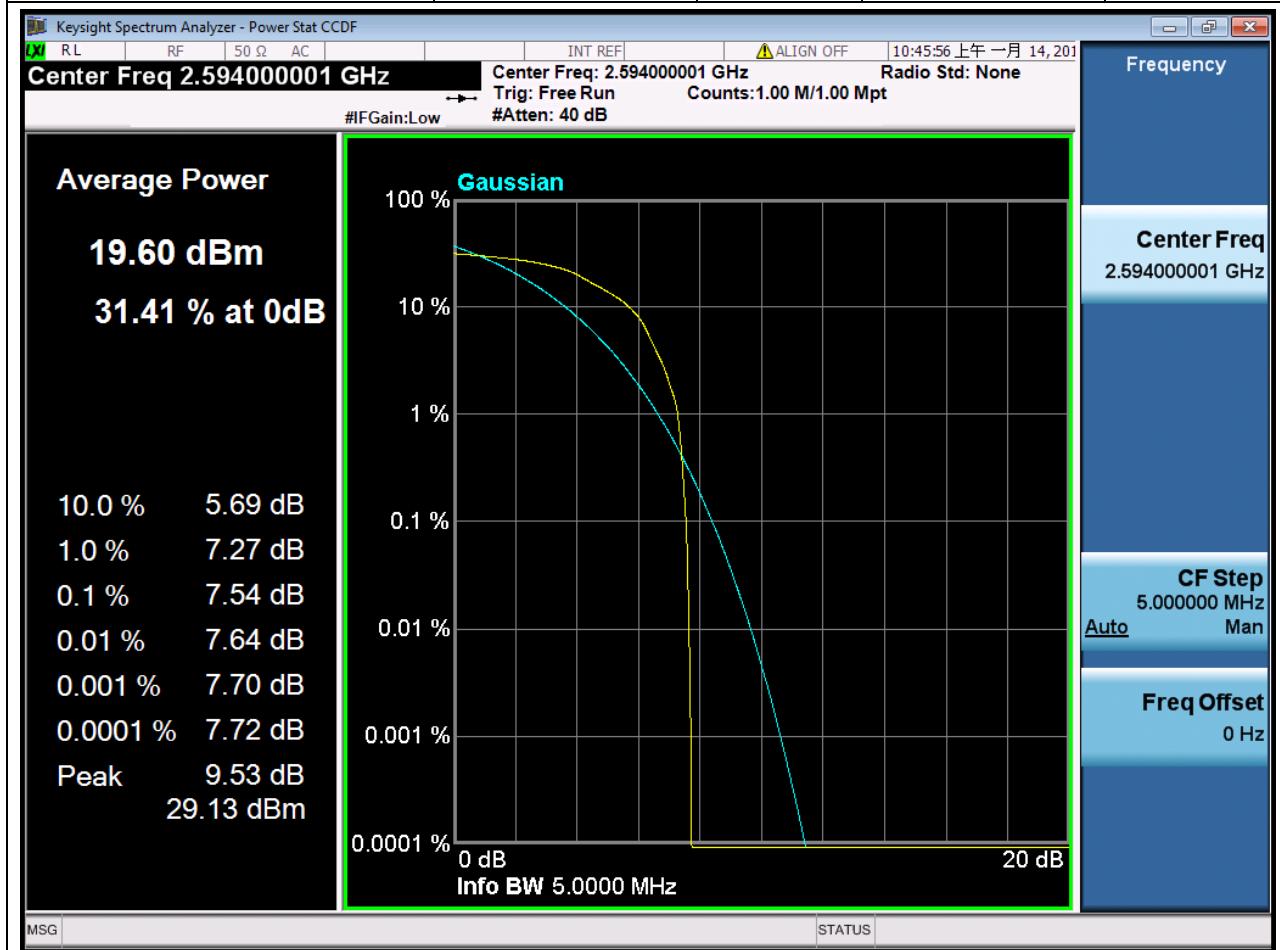
1.25. LTE Peak to Average Ratio(NTNV)(Subtest:25, Channel:40630, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	8.75	13	Pass



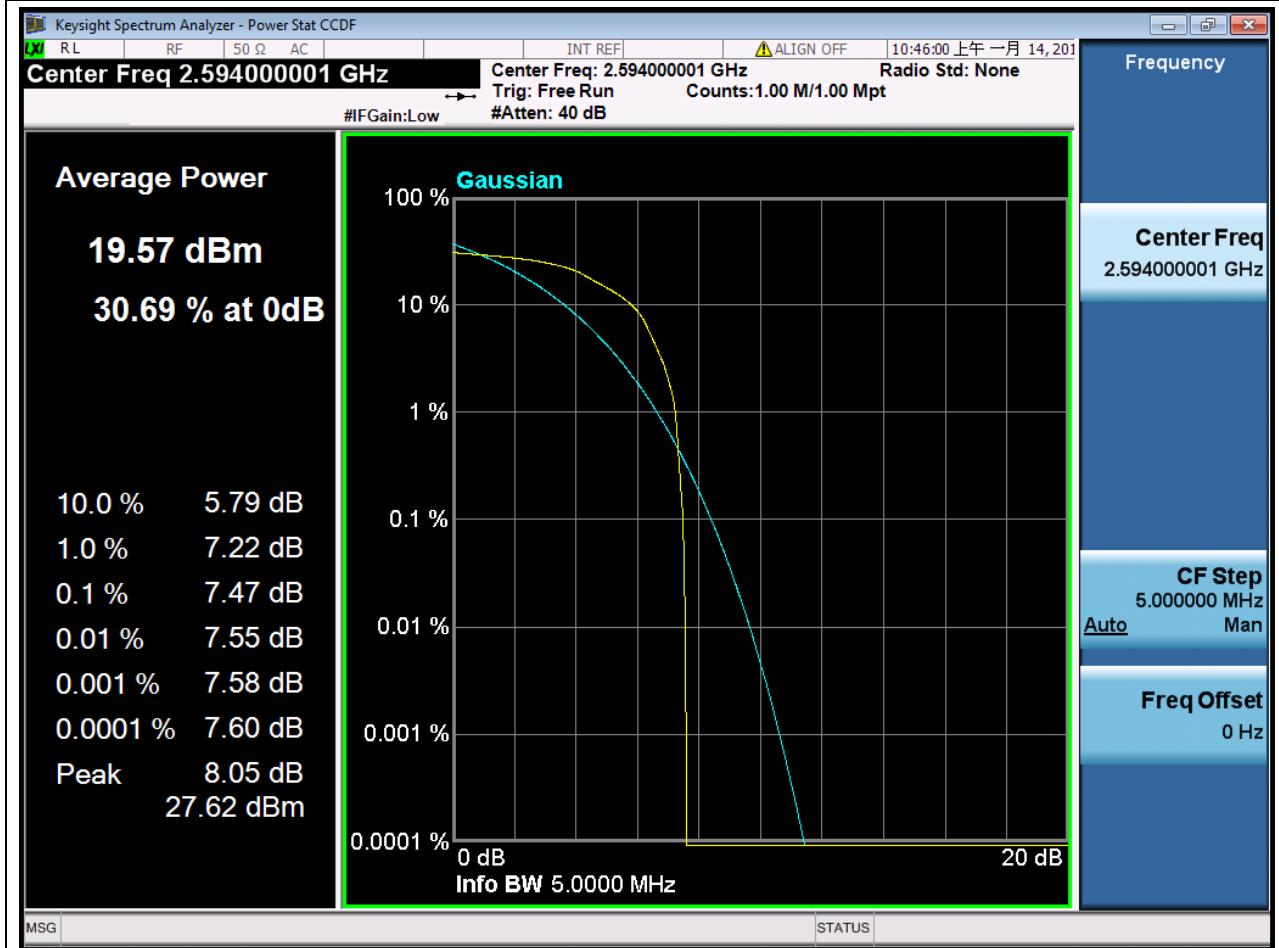
1.26. LTE Peak to Average Ratio(NTNV)(Subtest:26, Channel:40630, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.54	13	Pass



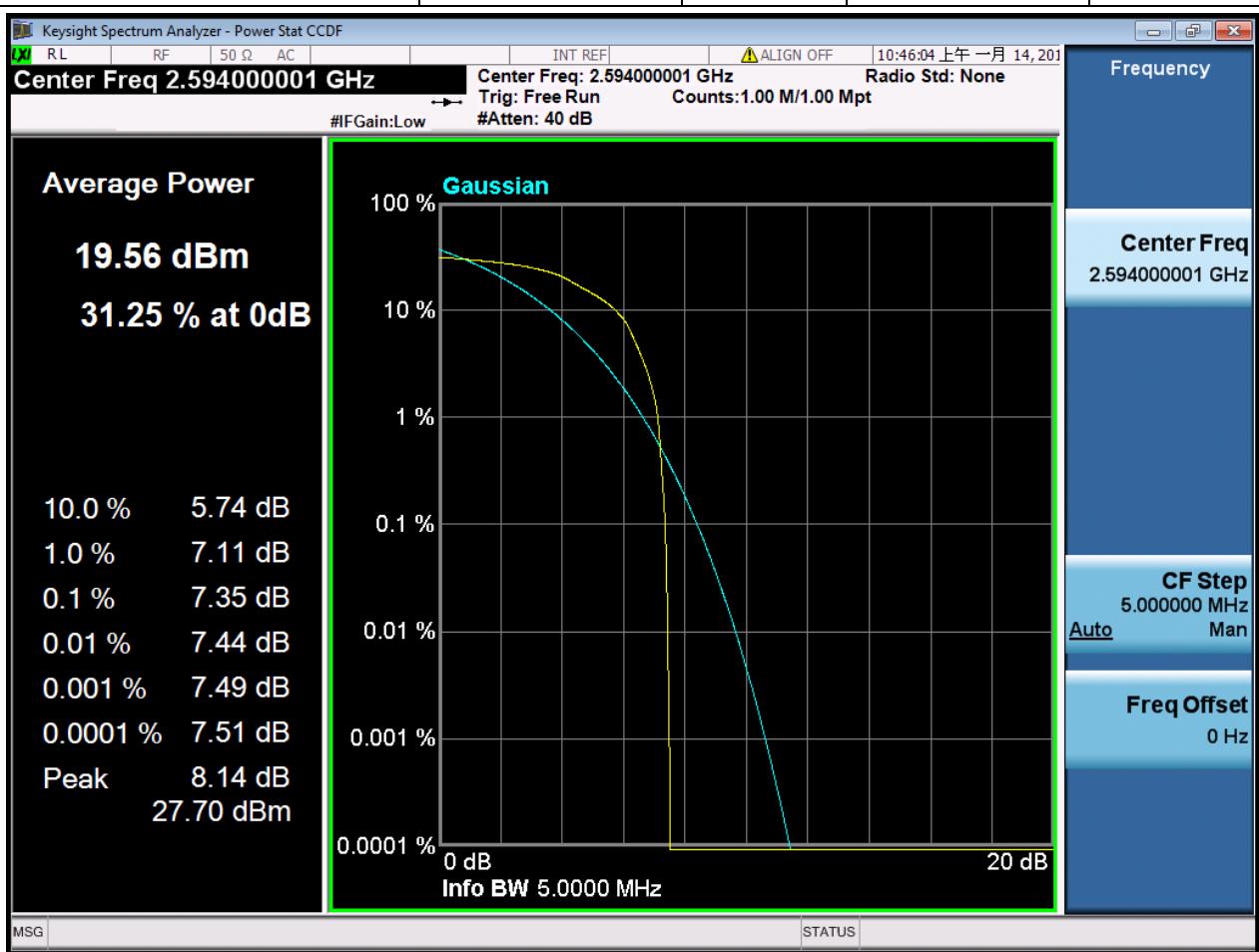
1.27. LTE Peak to Average Ratio(NTNV)(Subtest:27, Channel:40630, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.47	13	Pass



1.28. LTE Peak to Average Ratio(NTNV)(Subtest:28, Channel:40630, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.35	13	Pass



Power Level (%)	PAR (dB)
10.0 %	5.74 dB
1.0 %	7.11 dB
0.1 %	7.35 dB
0.01 %	7.44 dB
0.001 %	7.49 dB
0.0001 %	7.51 dB
Peak	8.14 dB
	27.70 dBm

Average Power
19.56 dBm
31.25 % at 0dB

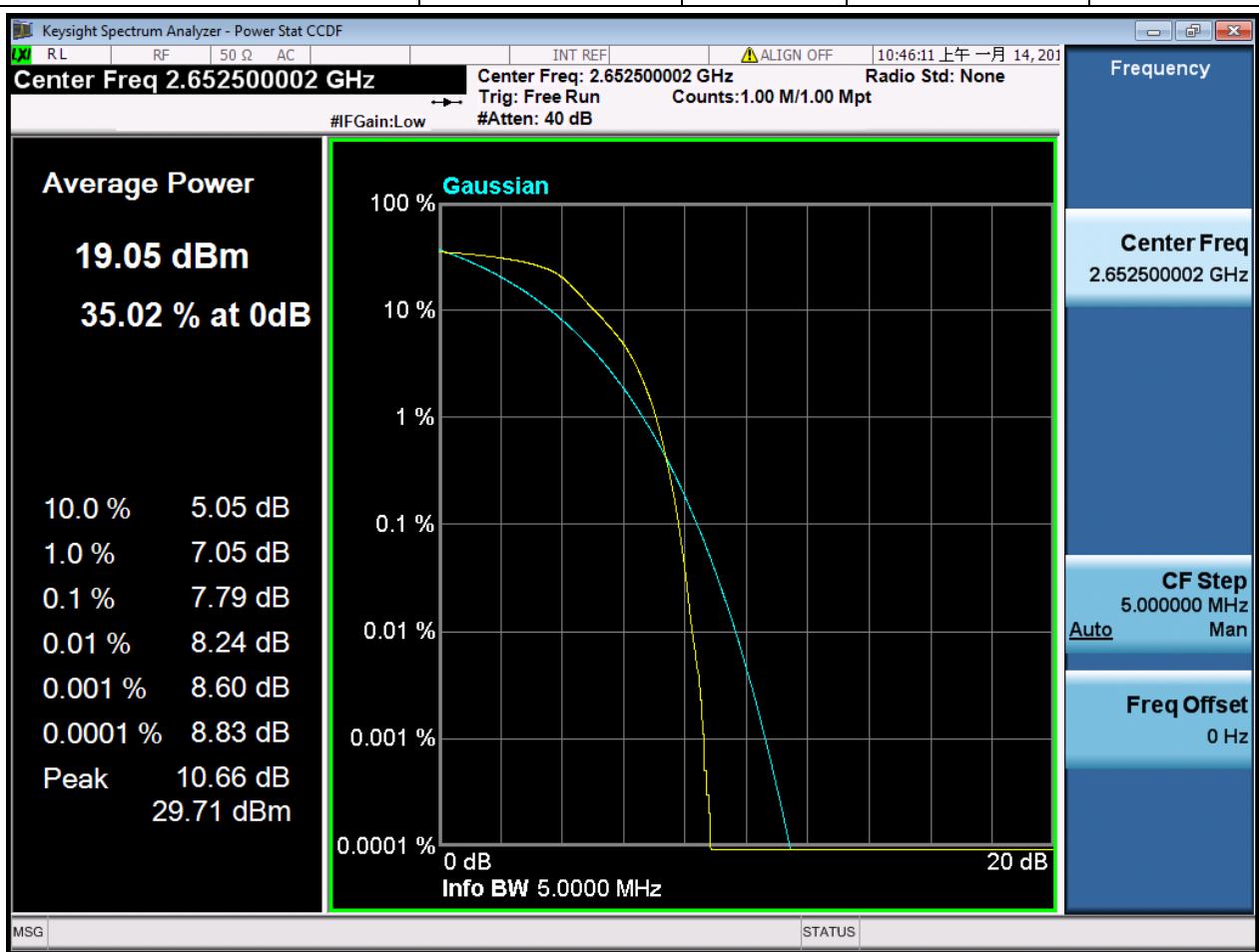
Frequency
Center Freq
2.594000001 GHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

1.29. LTE Peak to Average Ratio(NTNV)(Subtest:29, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	7.79	13	Pass



Average Power
19.05 dBm
35.02 % at 0dB

10.0 %	5.05 dB
1.0 %	7.05 dB
0.1 %	7.79 dB
0.01 %	8.24 dB
0.001 %	8.60 dB
0.0001 %	8.83 dB
Peak	10.66 dB
	29.71 dBm

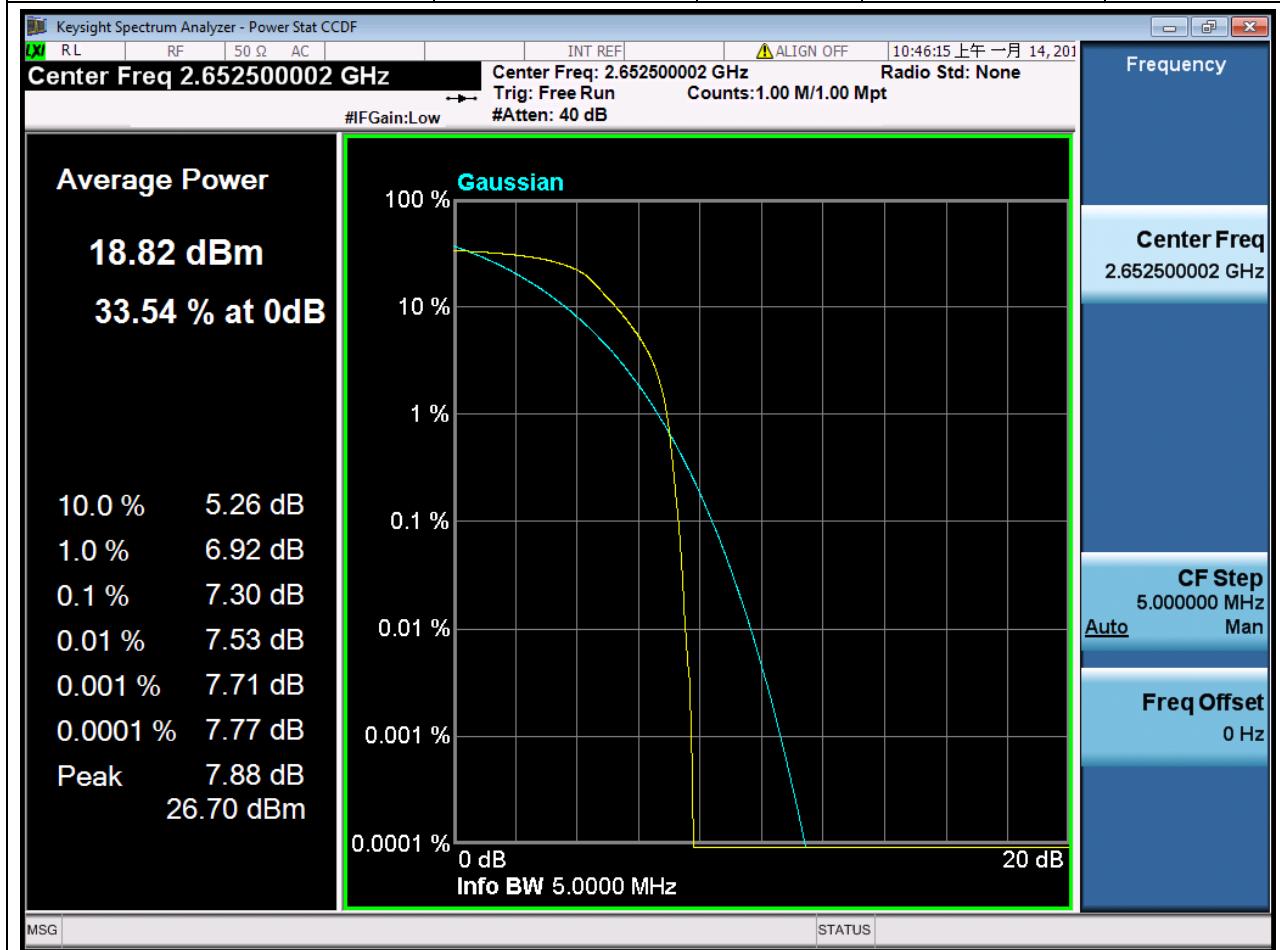
Center Freq
2.652500002 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

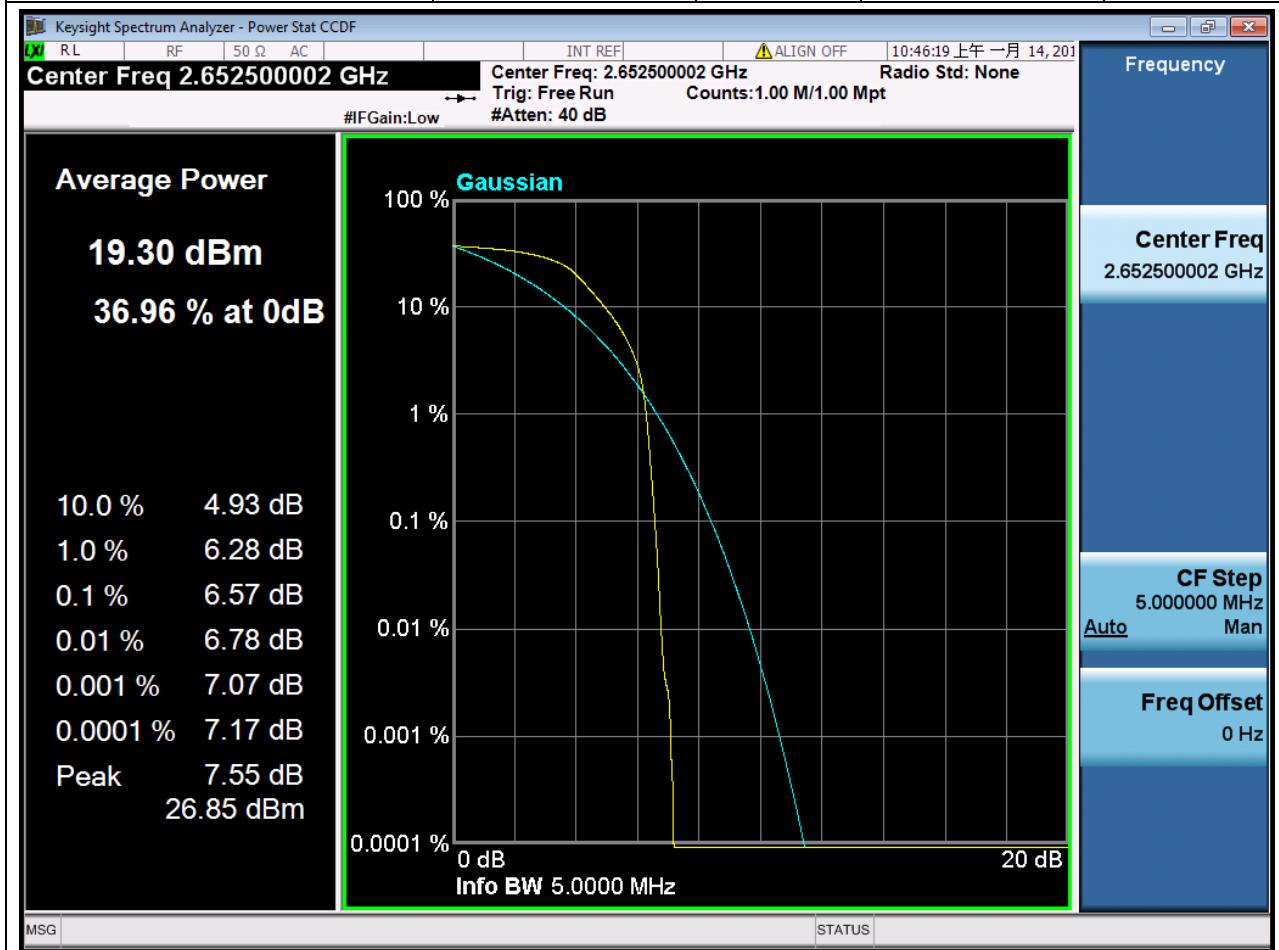
1.30. LTE Peak to Average Ratio(NTNV)(Subtest:30, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	7.3	13	Pass



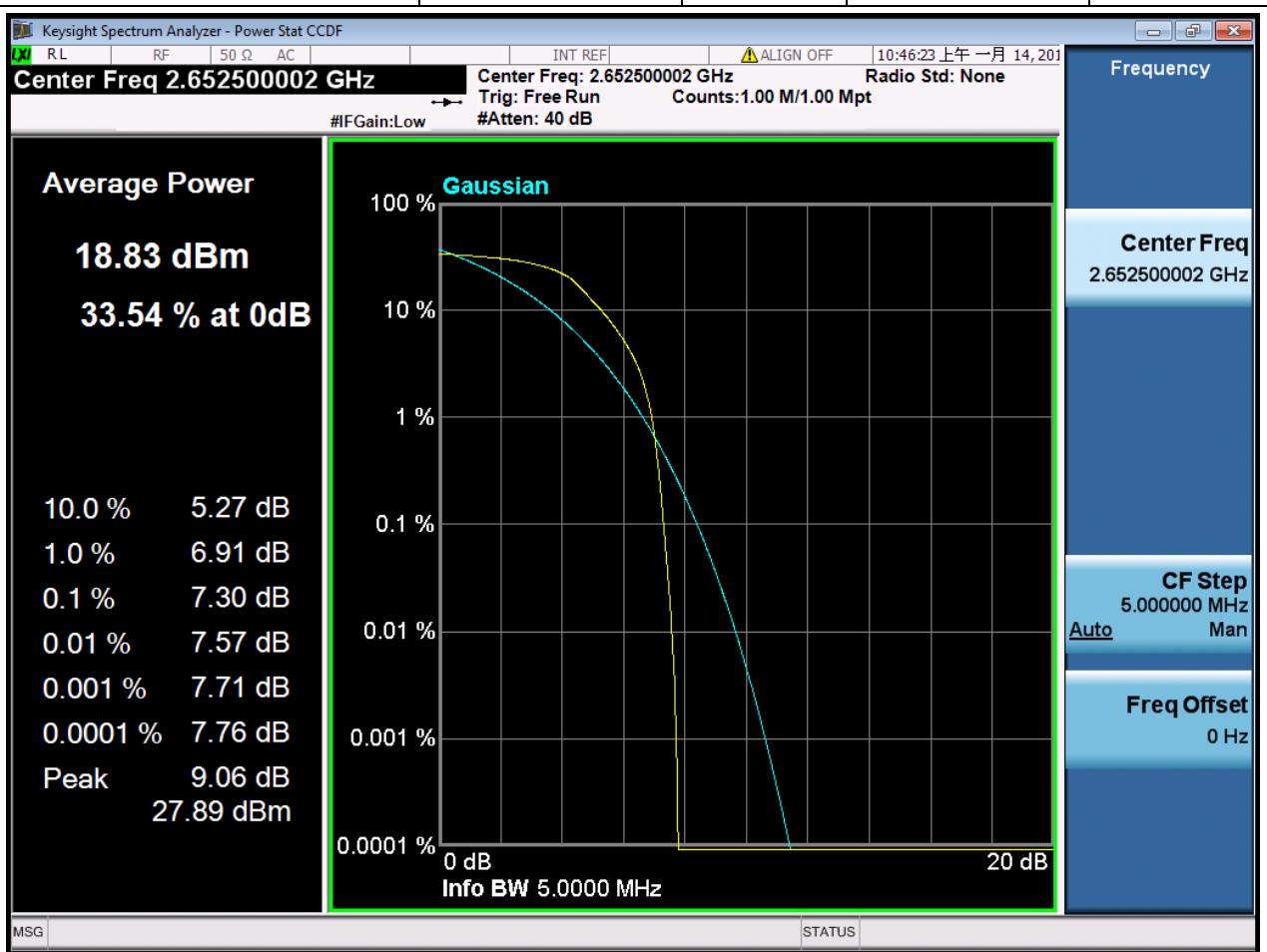
1.31. LTE Peak to Average Ratio(NTNV)(Subtest:31, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	6.57	13	Pass



1.32. LTE Peak to Average Ratio(NTNV)(Subtest:32, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	7.3	13	Pass

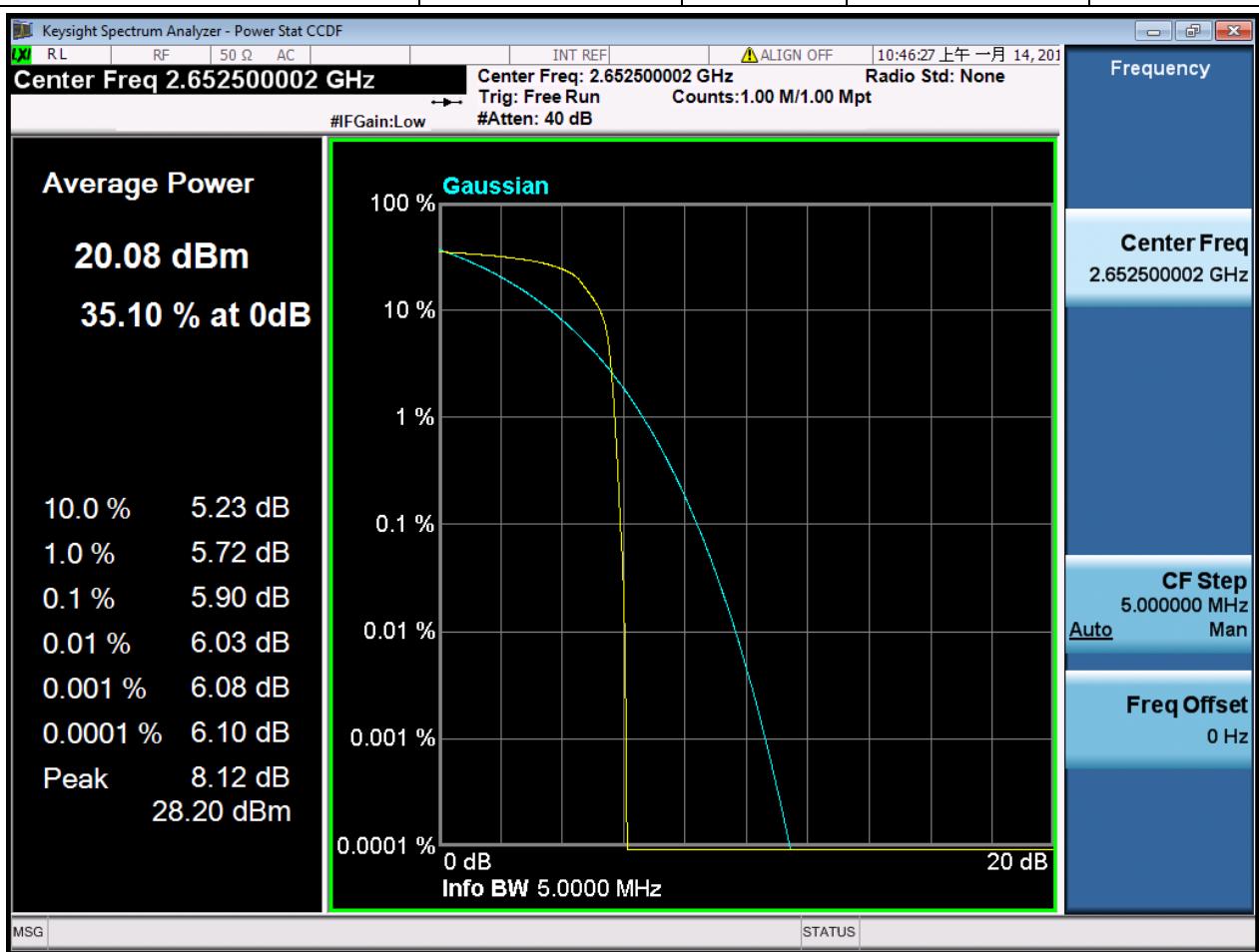


Average Power
18.83 dBm
33.54 % at 0dB

10.0 %	5.27 dB
1.0 %	6.91 dB
0.1 %	7.30 dB
0.01 %	7.57 dB
0.001 %	7.71 dB
0.0001 %	7.76 dB
Peak	9.06 dB
	27.89 dBm

1.33. LTE Peak to Average Ratio(NTNV)(Subtest:33, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	5.9	13	Pass

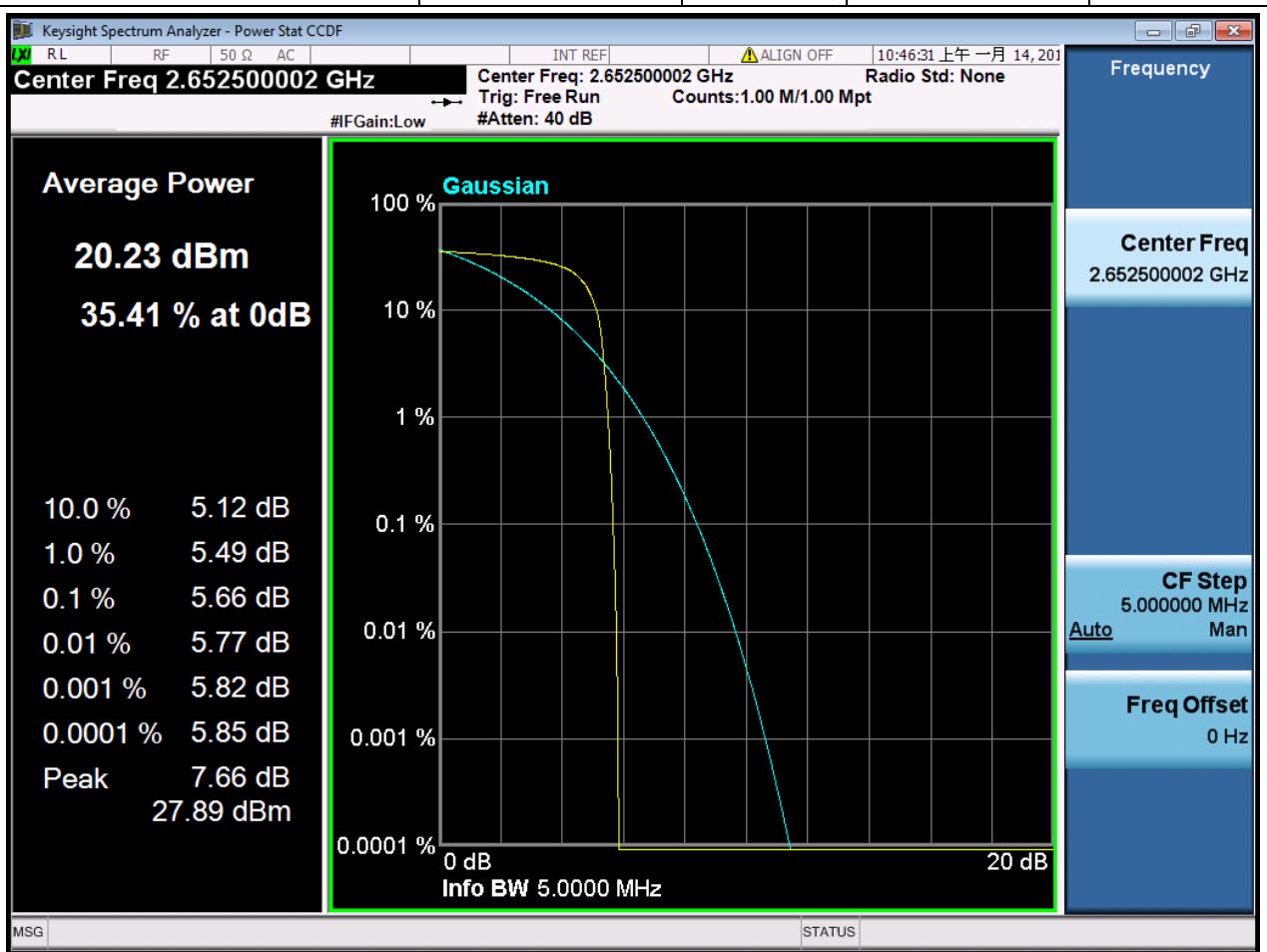


Average Power
20.08 dBm
35.10 % at 0dB

10.0 %	5.23 dB
1.0 %	5.72 dB
0.1 %	5.90 dB
0.01 %	6.03 dB
0.001 %	6.08 dB
0.0001 %	6.10 dB
Peak	8.12 dB
	28.20 dBm

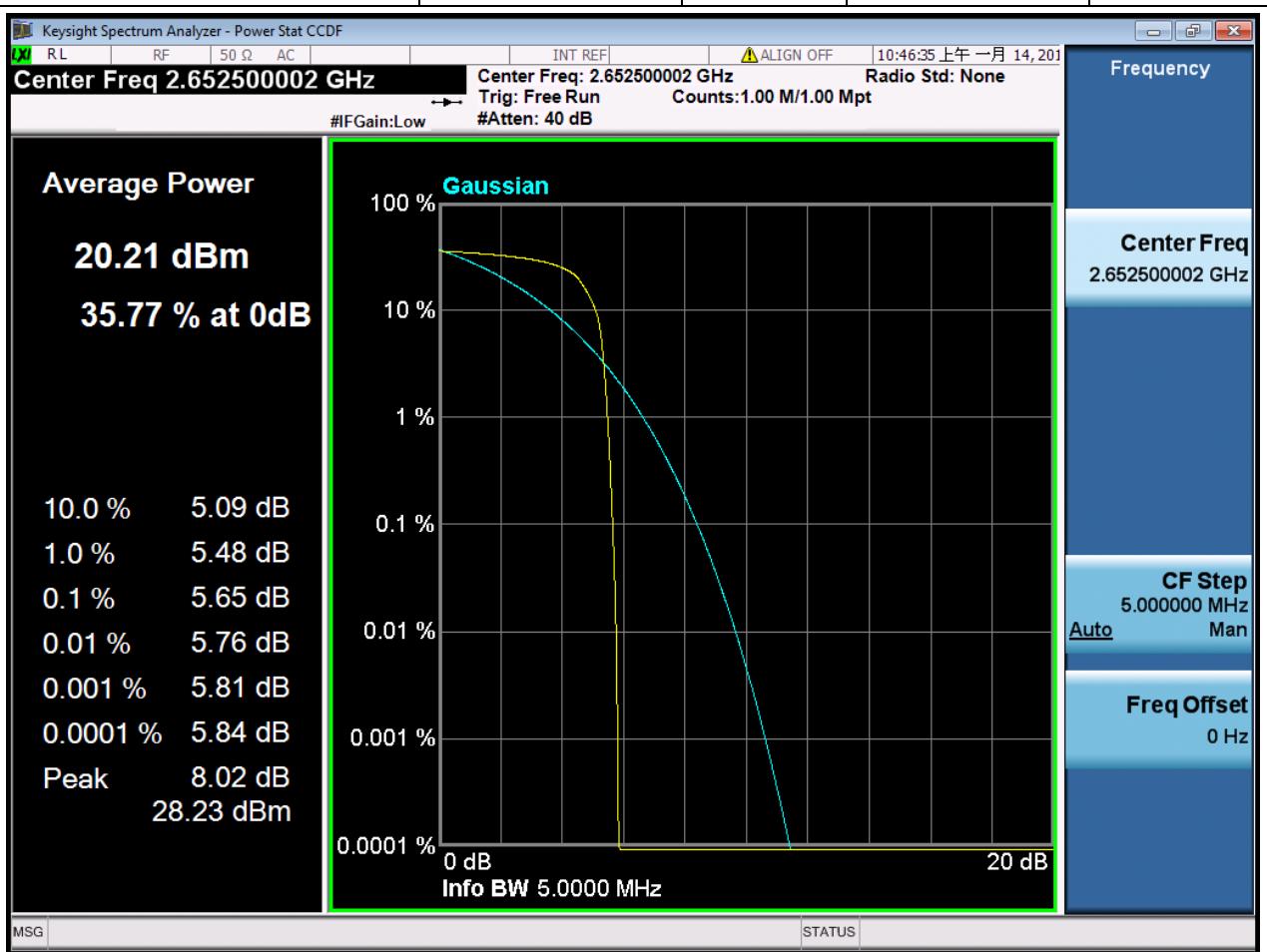
1.34. LTE Peak to Average Ratio(NTNV)(Subtest:34, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	5.66	13	Pass



1.35. LTE Peak to Average Ratio(NTNV)(Subtest:35, Channel:41215, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

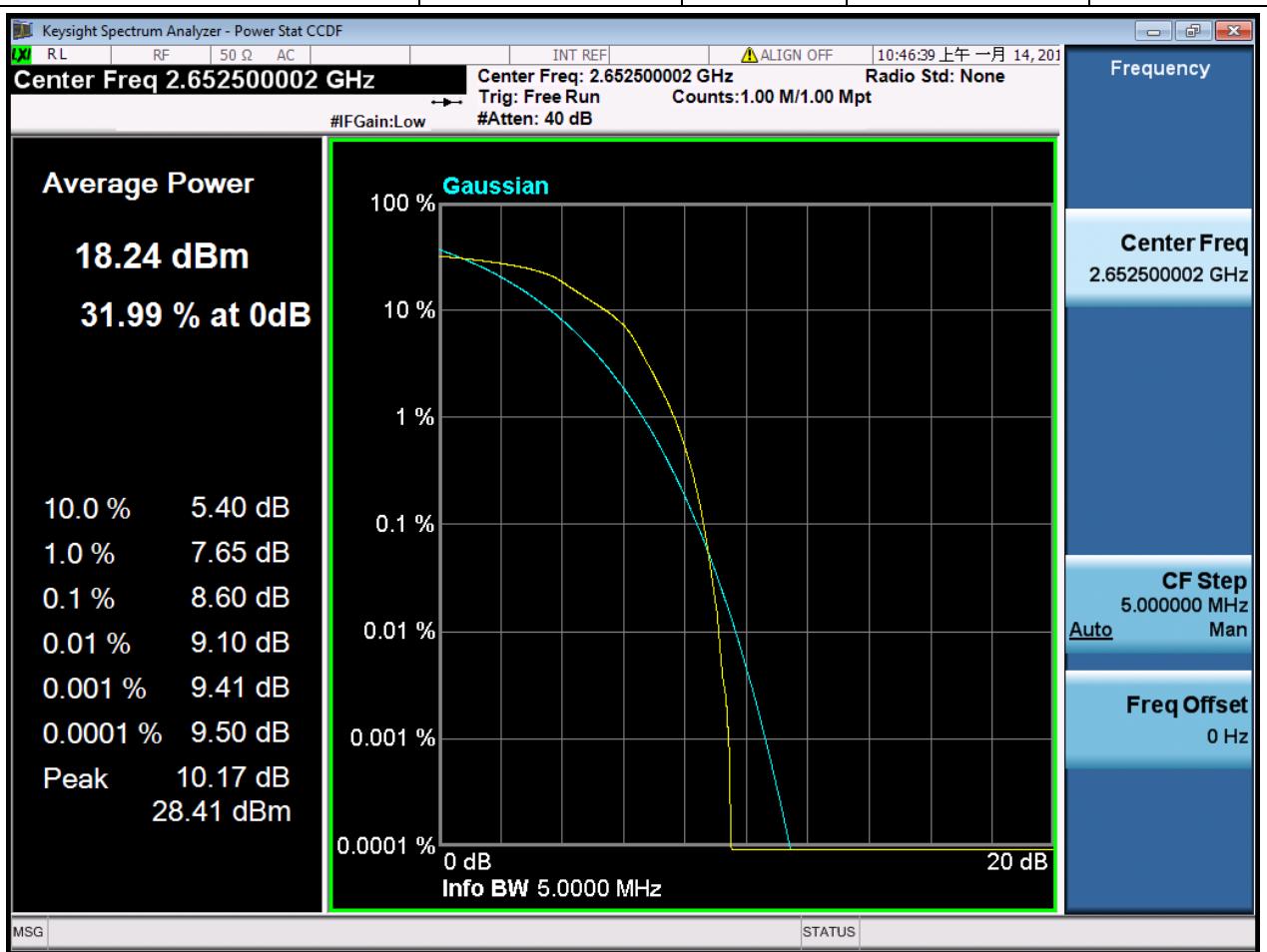
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	5.65	13	Pass



Average Power	
20.21 dBm	
35.77 % at 0dB	
10.0 %	5.09 dB
1.0 %	5.48 dB
0.1 %	5.65 dB
0.01 %	5.76 dB
0.001 %	5.81 dB
0.0001 %	5.84 dB
Peak	8.02 dB
	28.23 dBm

1.36. LTE Peak to Average Ratio(NTNV)(Subtest:36, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	8.6	13	Pass



Average Power
18.24 dBm
31.99 % at 0dB

10.0 %	5.40 dB
1.0 %	7.65 dB
0.1 %	8.60 dB
0.01 %	9.10 dB
0.001 %	9.41 dB
0.0001 %	9.50 dB
Peak	10.17 dB
	28.41 dBm

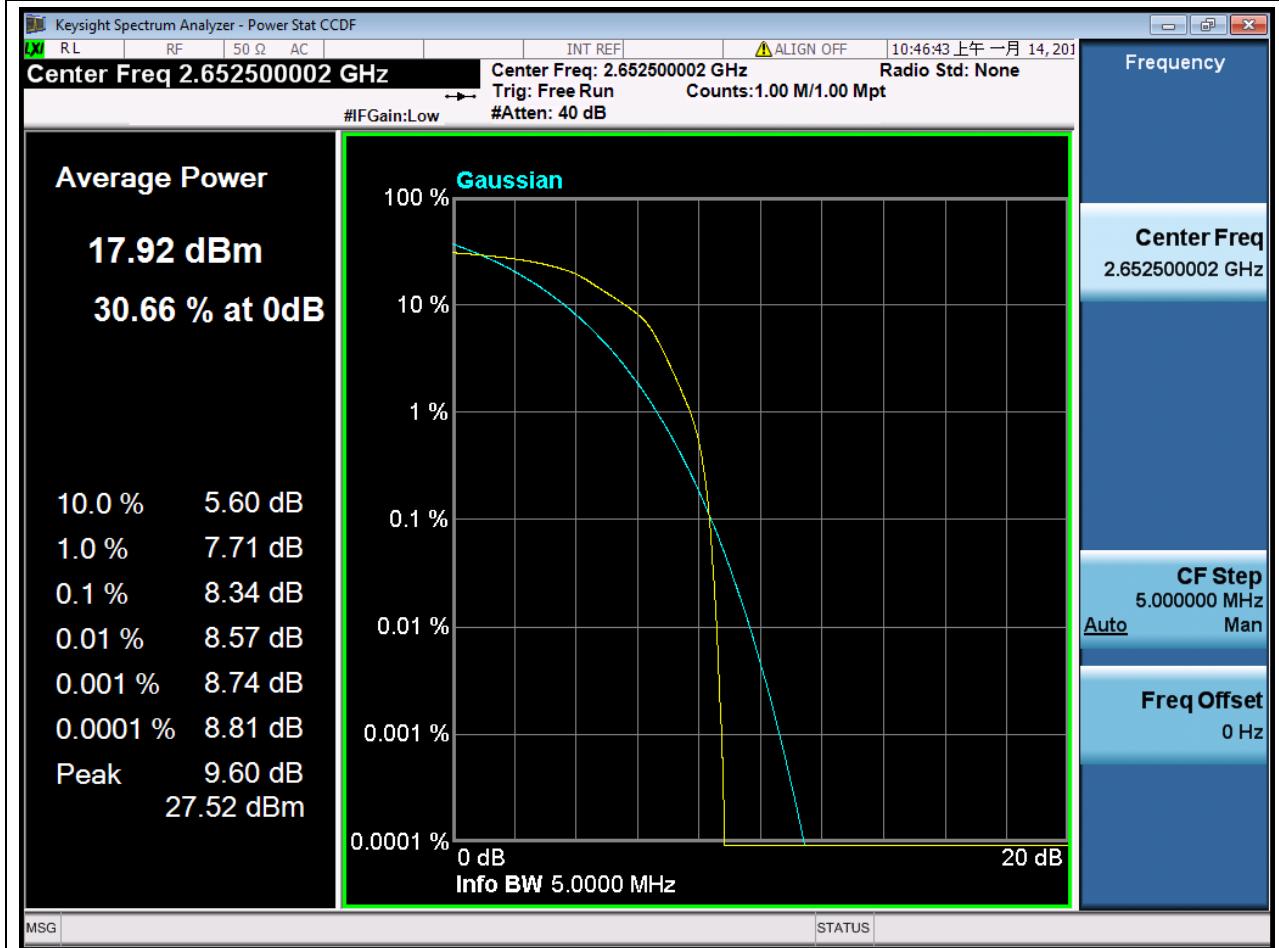
Center Freq
2.652500002 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

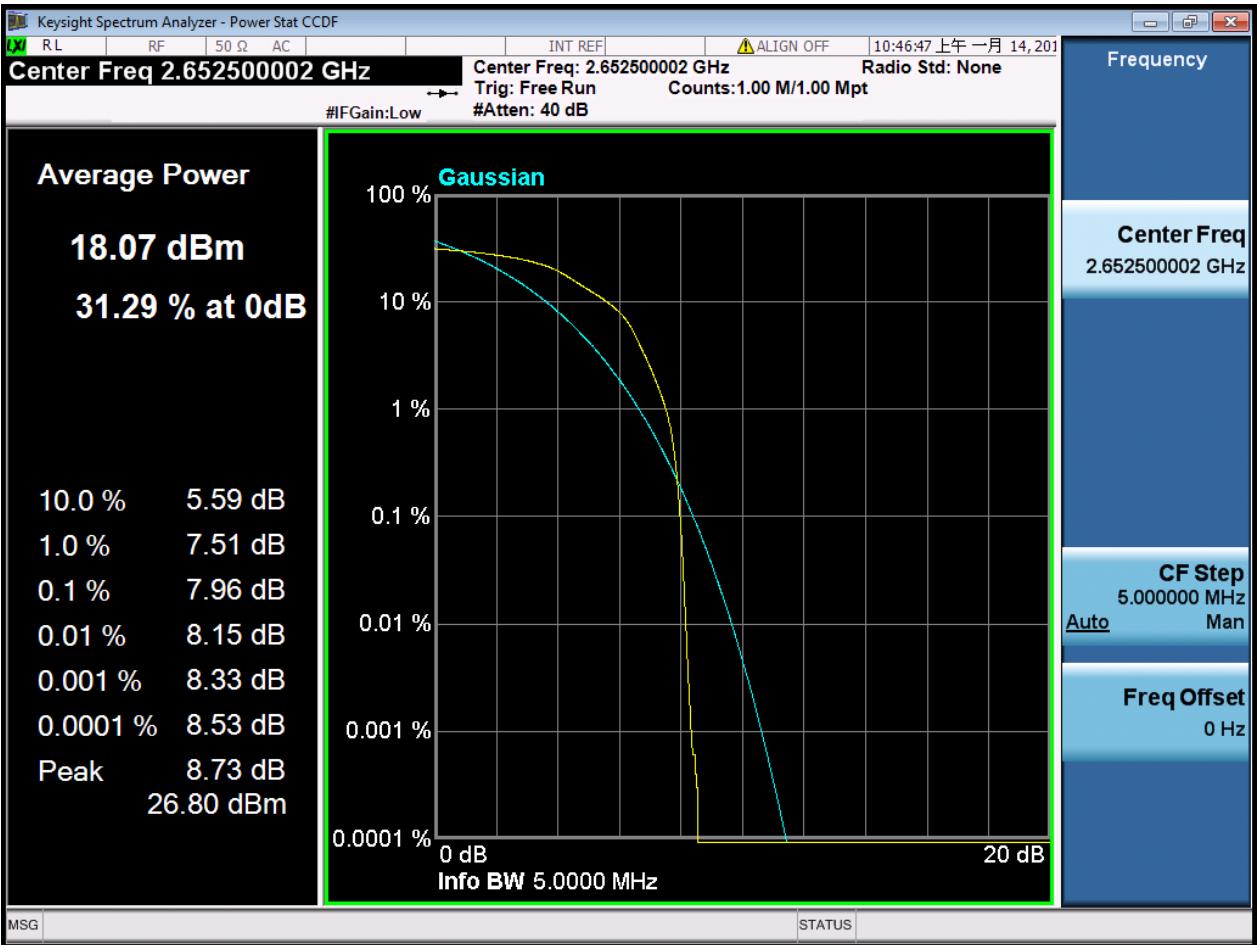
1.37. LTE Peak to Average Ratio(NTNV)(Subtest:37, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	8.34	13	Pass



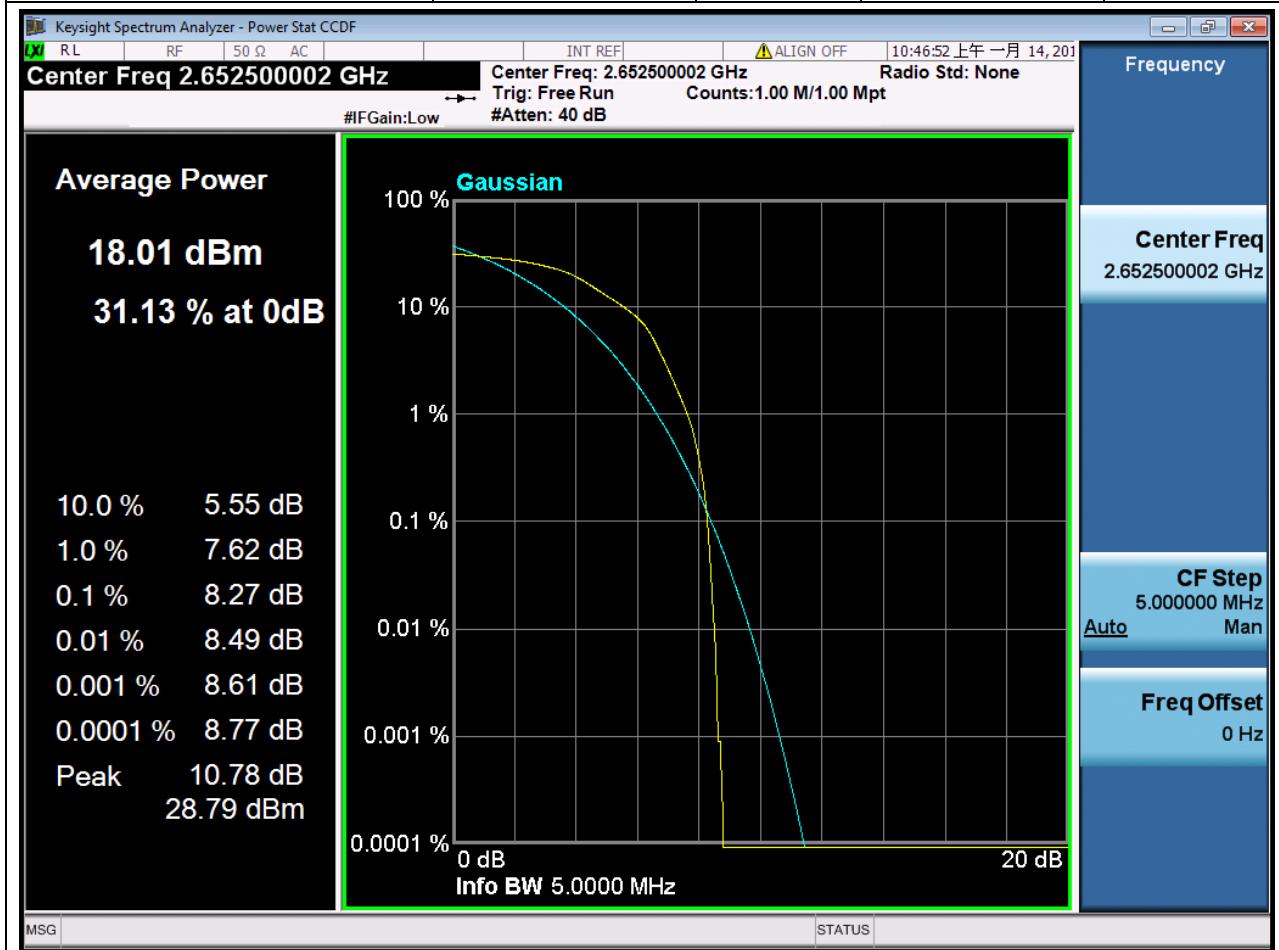
1.38. LTE Peak to Average Ratio(NTNV)(Subtest:38, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	7.96	13	Pass



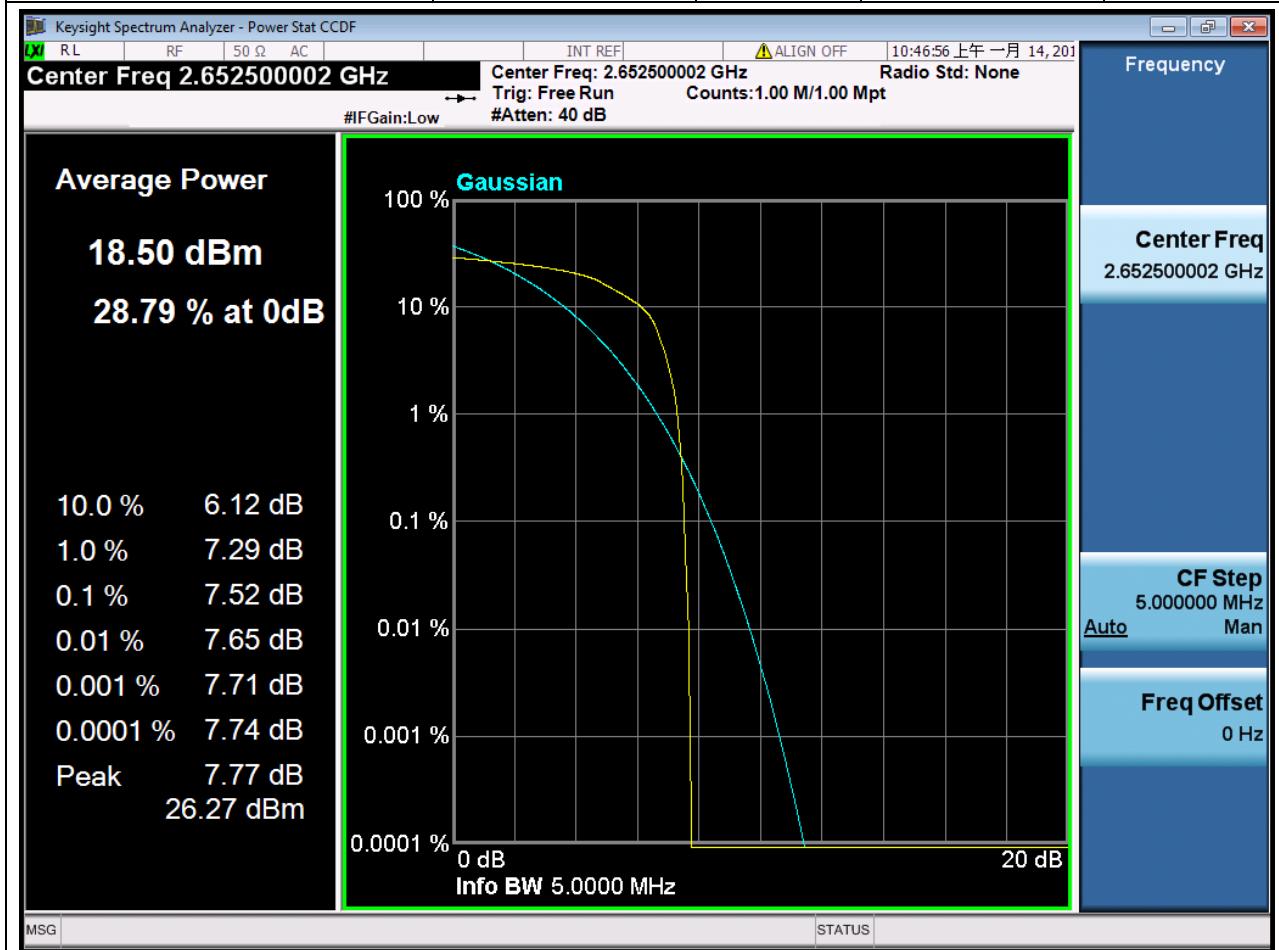
1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	8.27	13	Pass



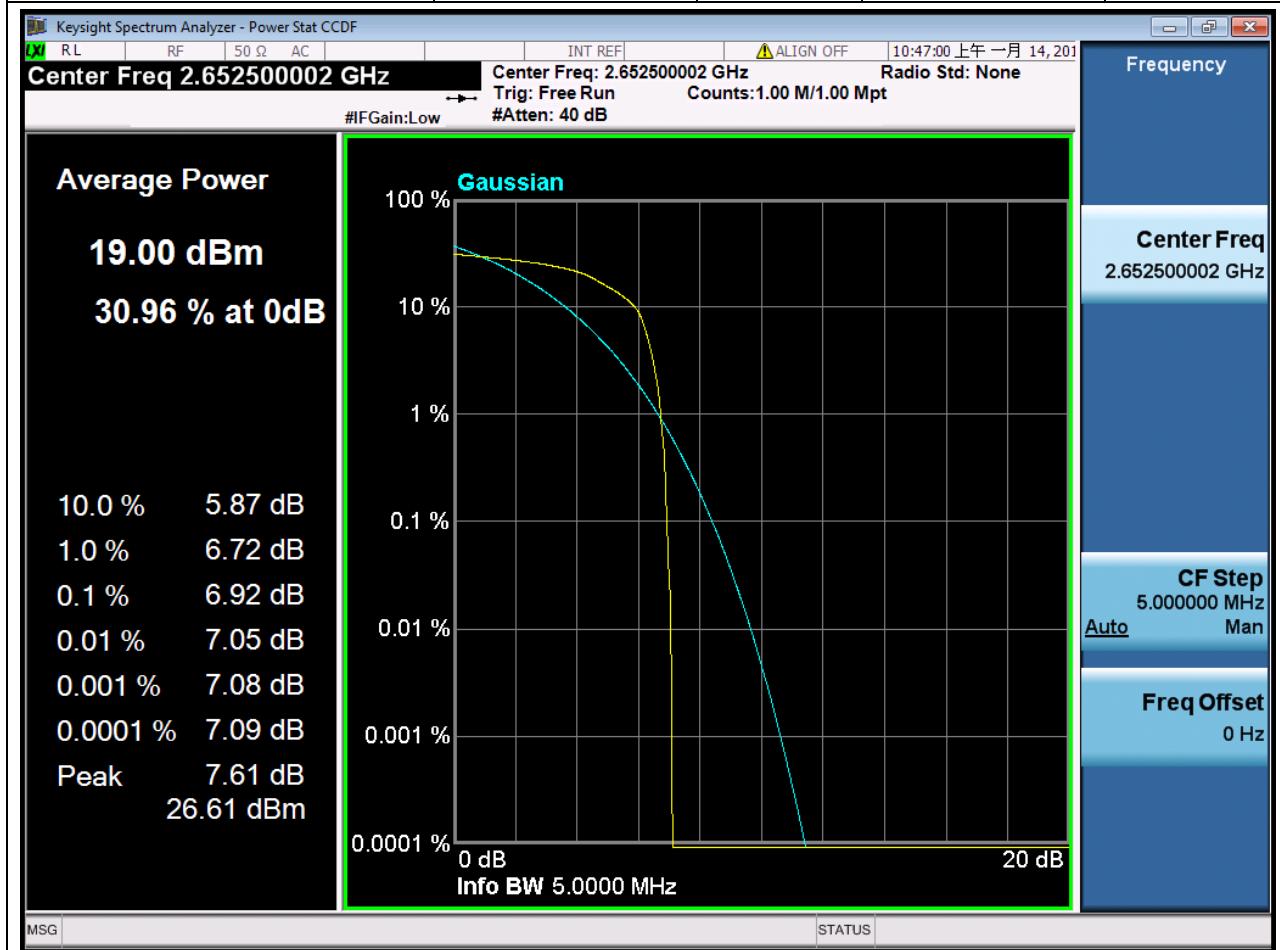
1.40. LTE Peak to Average Ratio(NTNV)(Subtest:40, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	7.52	13	Pass



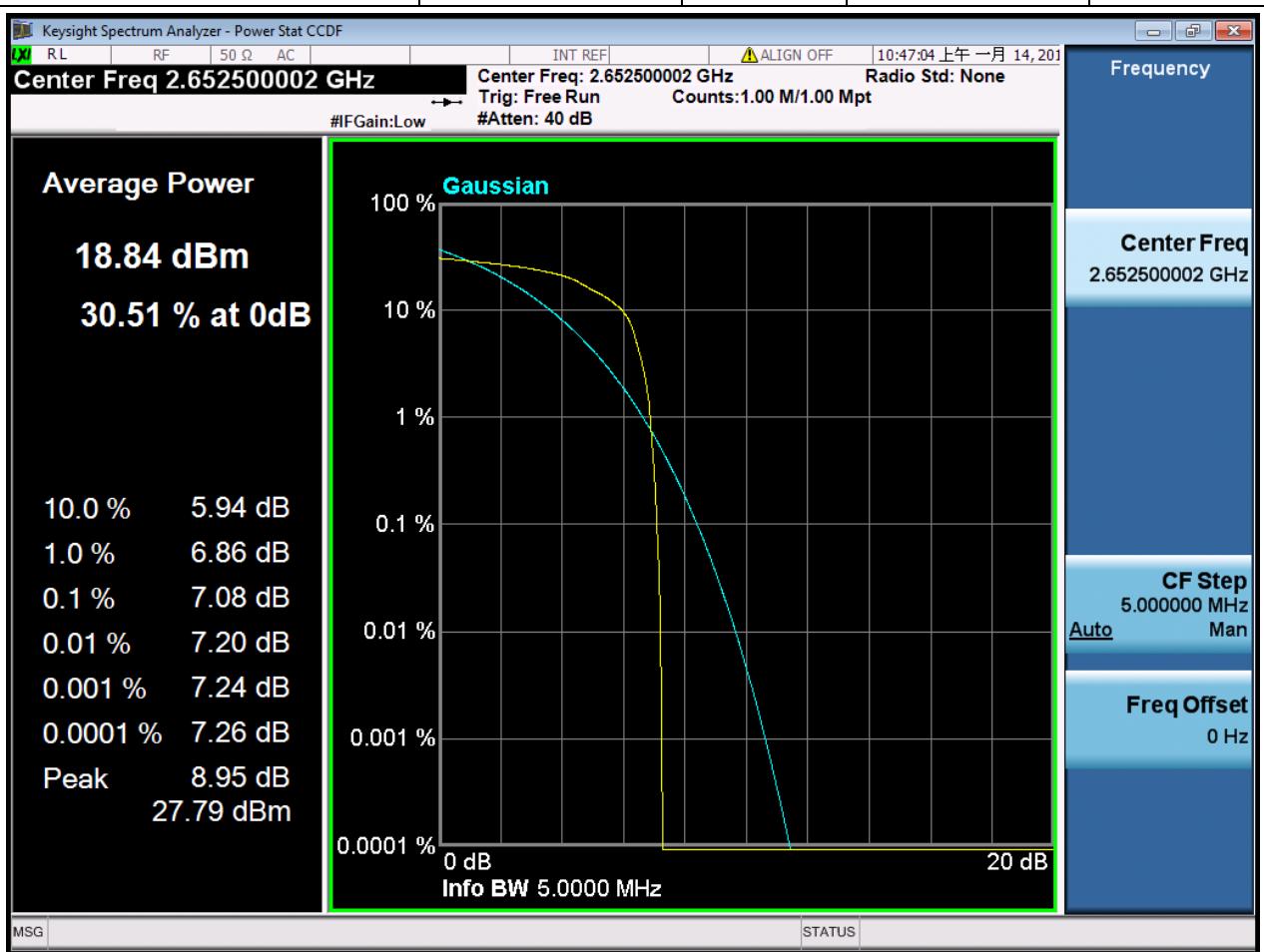
1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	6.92	13	Pass



1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:41215, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2652.5	0.1	7.08	13	Pass



Average Power
18.84 dBm
30.51 % at 0dB

10.0 %	5.94 dB
1.0 %	6.86 dB
0.1 %	7.08 dB
0.01 %	7.20 dB
0.001 %	7.24 dB
0.0001 %	7.26 dB
Peak	8.95 dB
	27.79 dBm

0 dB 20 dB
Info BW 5.0000 MHz

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

Gaussian

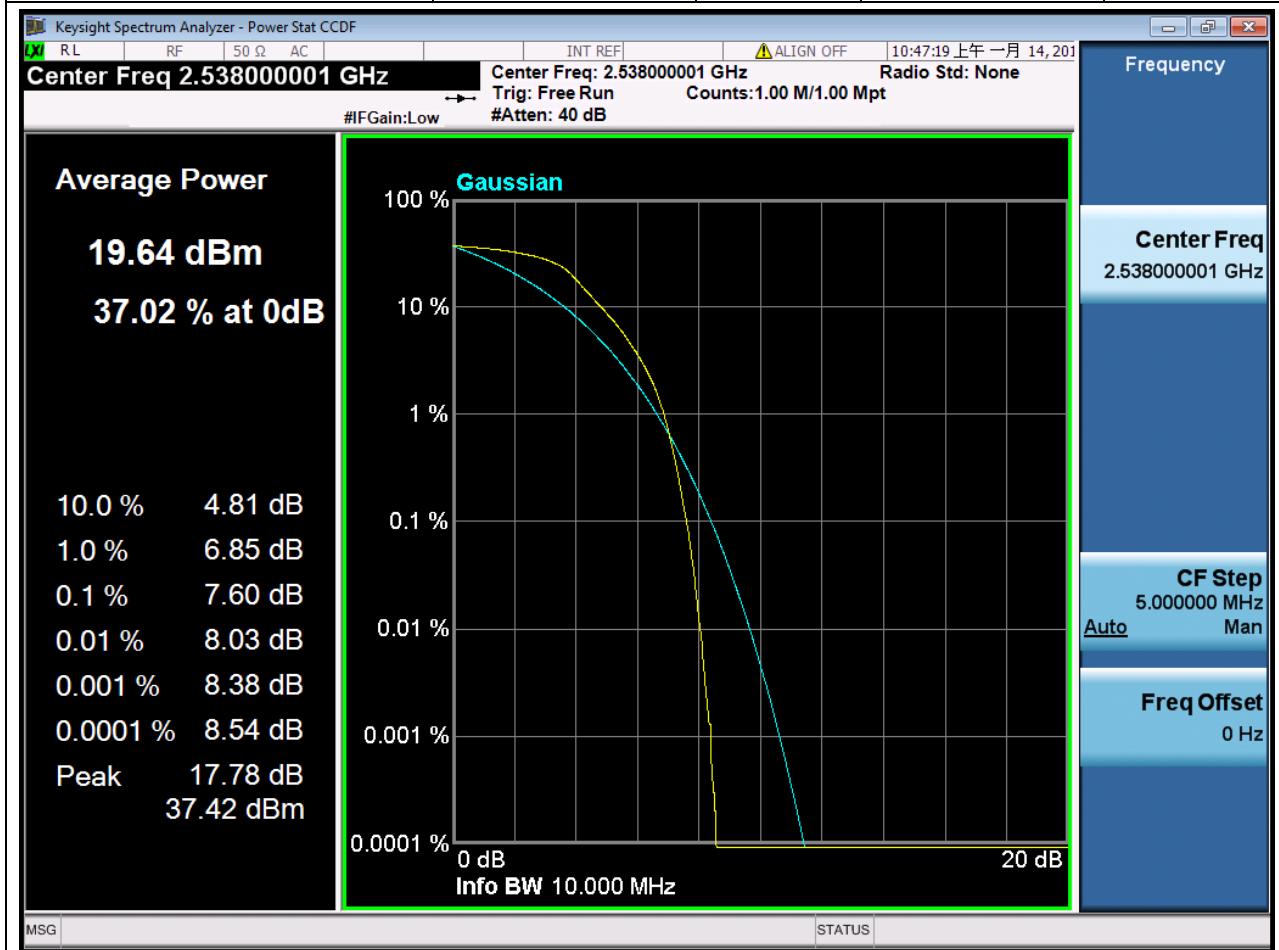
Center Freq 2.652500002 GHz

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

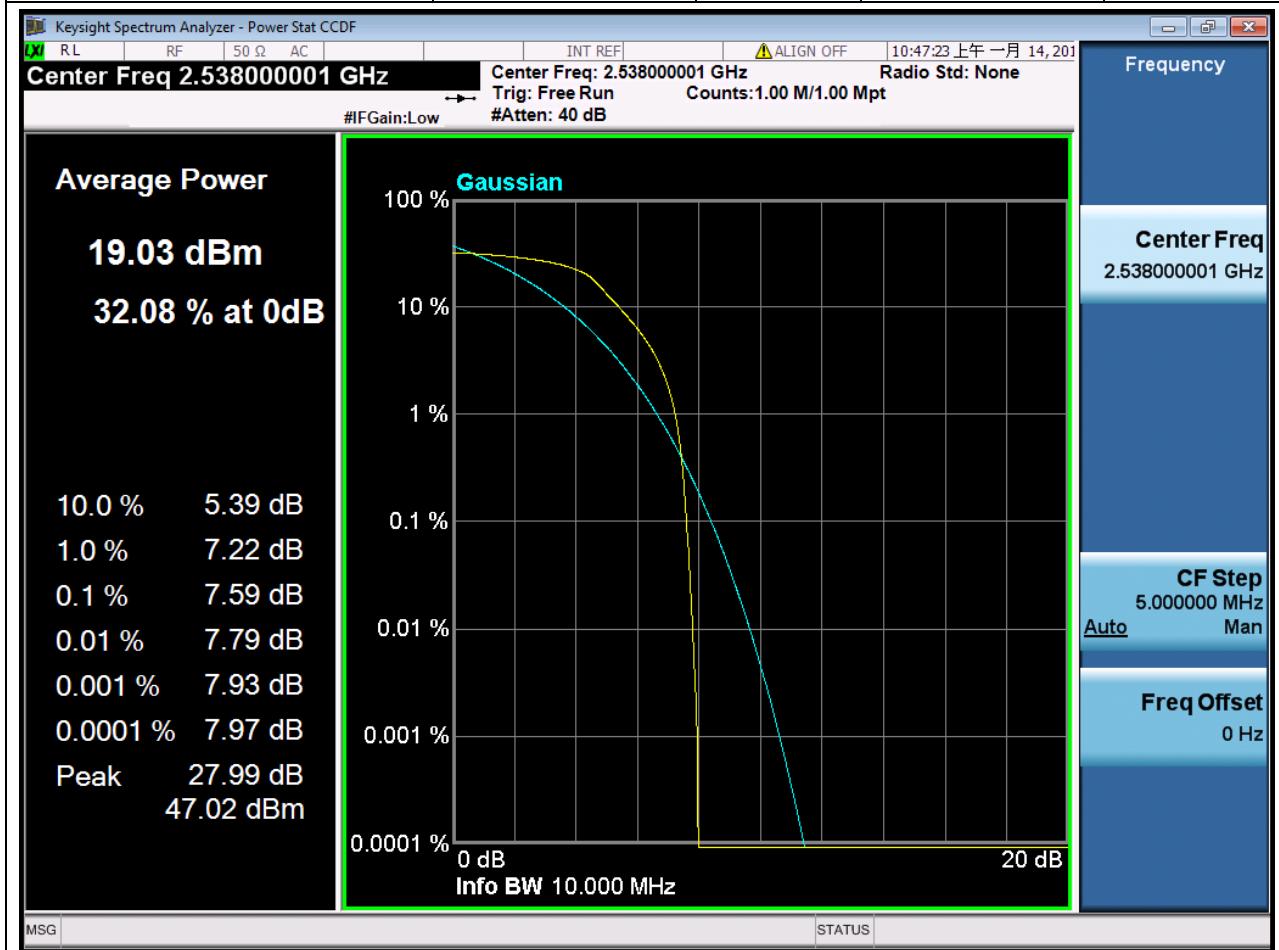
1.43. LTE Peak to Average Ratio(NTNV)(Subtest:43, Channel:40070, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	7.6	13	Pass



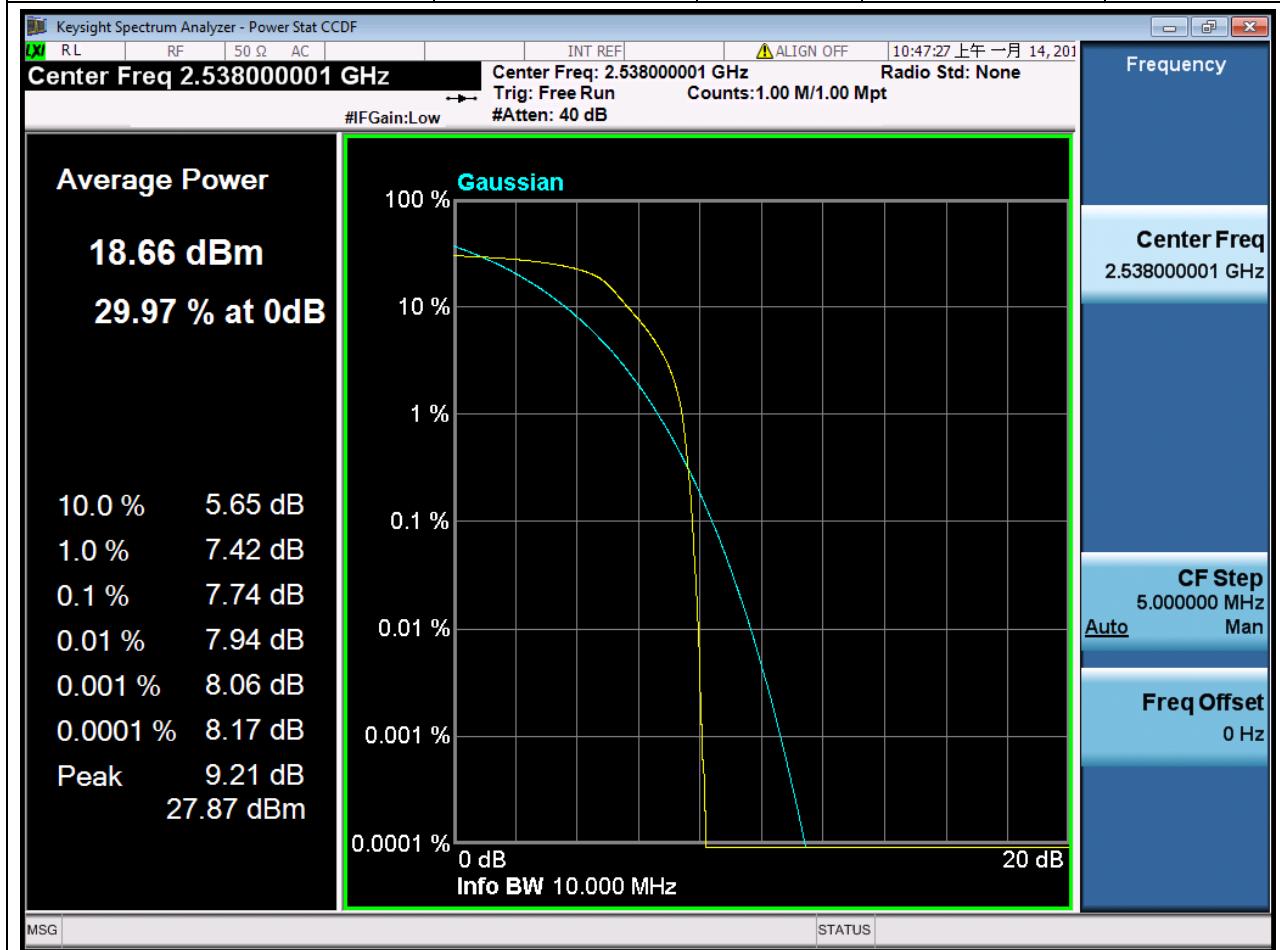
1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:40070, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	7.59	13	Pass



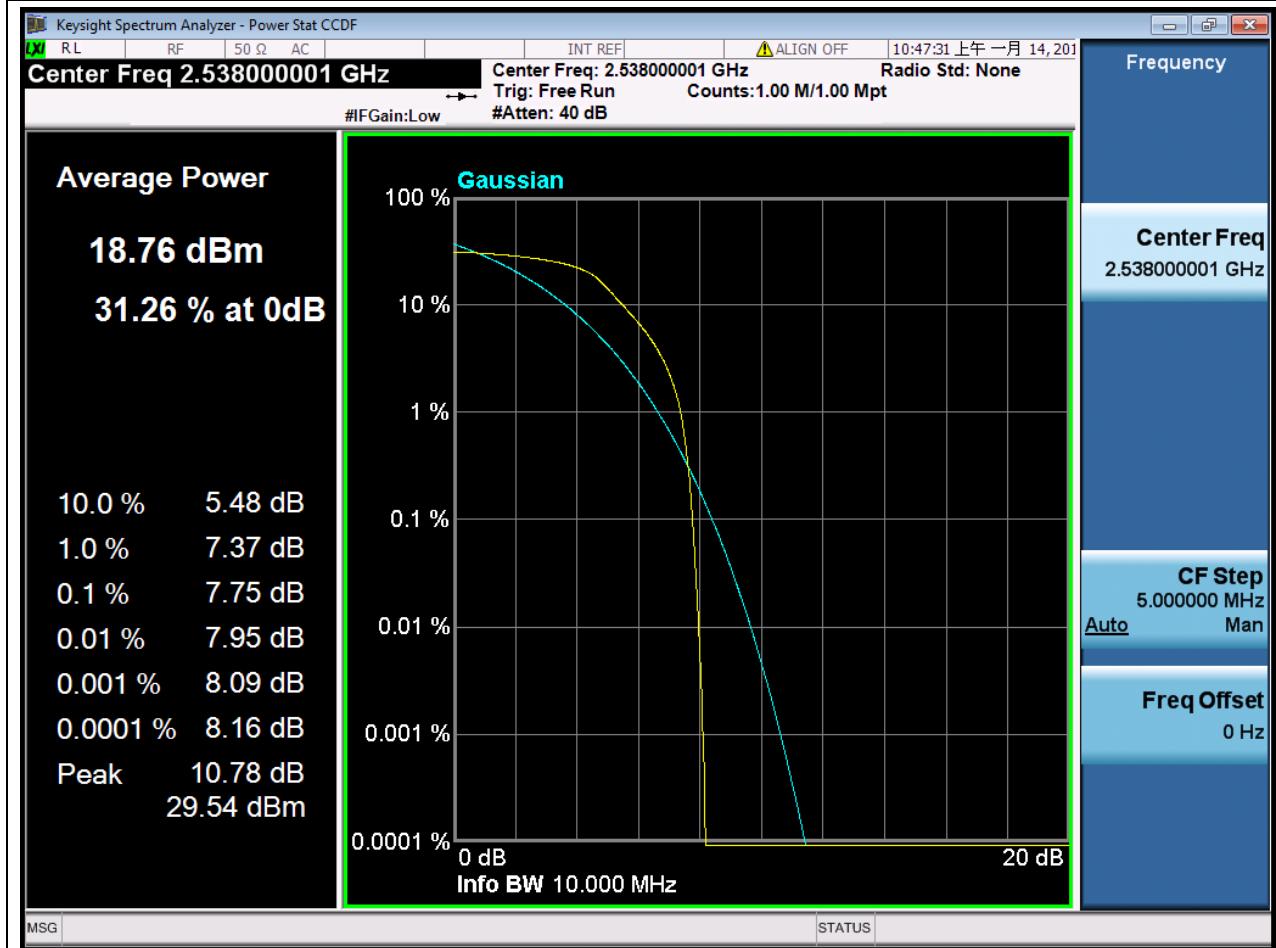
1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:40070, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	7.74	13	Pass



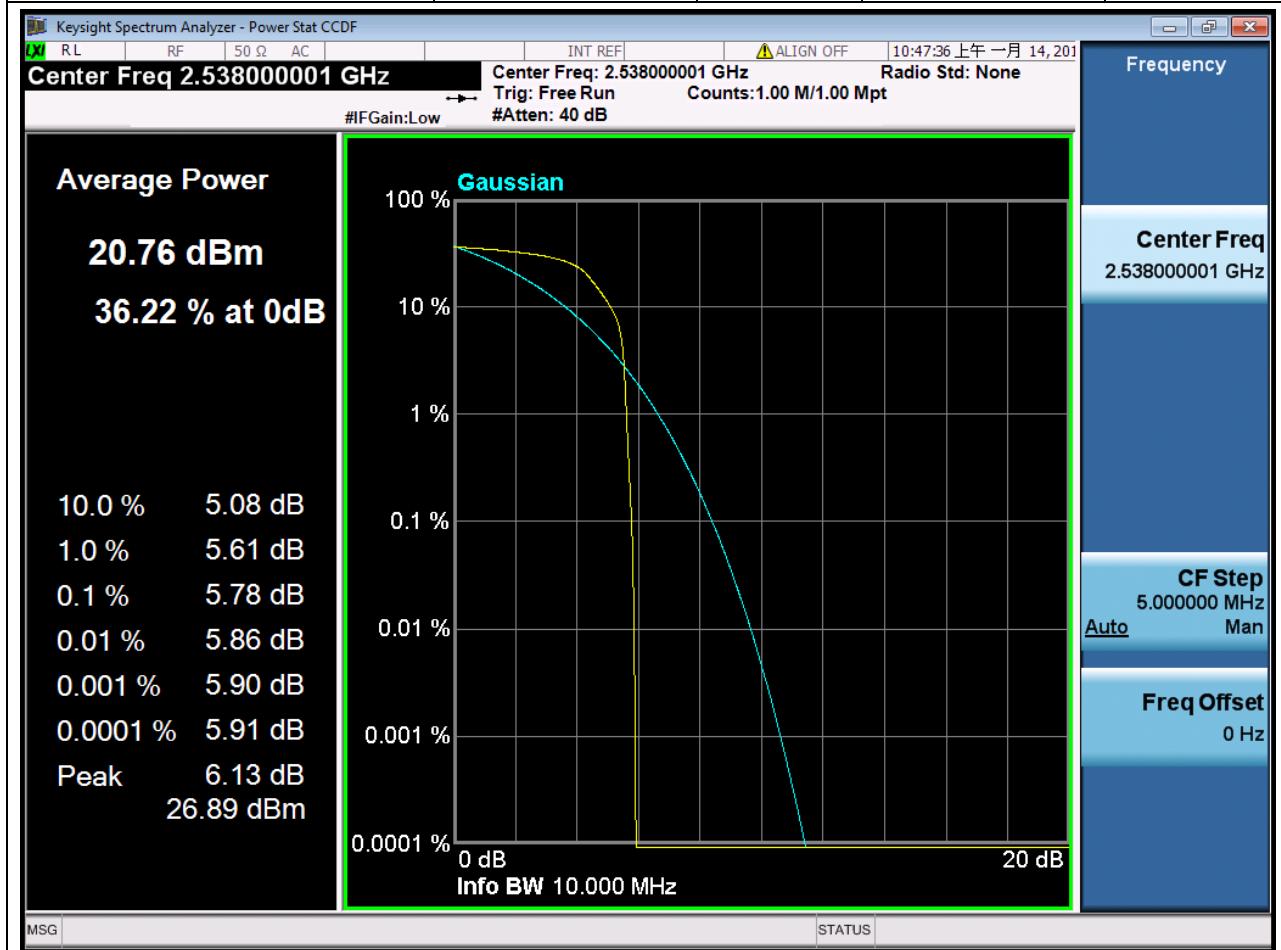
1.46. LTE Peak to Average Ratio(NTNV)(Subtest:46, Channel:40070, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	7.75	13	Pass



1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:40070, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	5.78	13	Pass



1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:40070, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	5.94	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:47:40 上午 一月 14, 201

Center Freq 2.538000001 GHz Center Freq: 2.538000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 20.52 dBm
35.42 % at 0dB

10.0 % 5.19 dB
1.0 % 5.75 dB
0.1 % 5.94 dB
0.01 % 6.02 dB
0.001 % 6.05 dB
0.0001 % 6.07 dB
Peak 18.15 dB
38.67 dBm

Gaussian



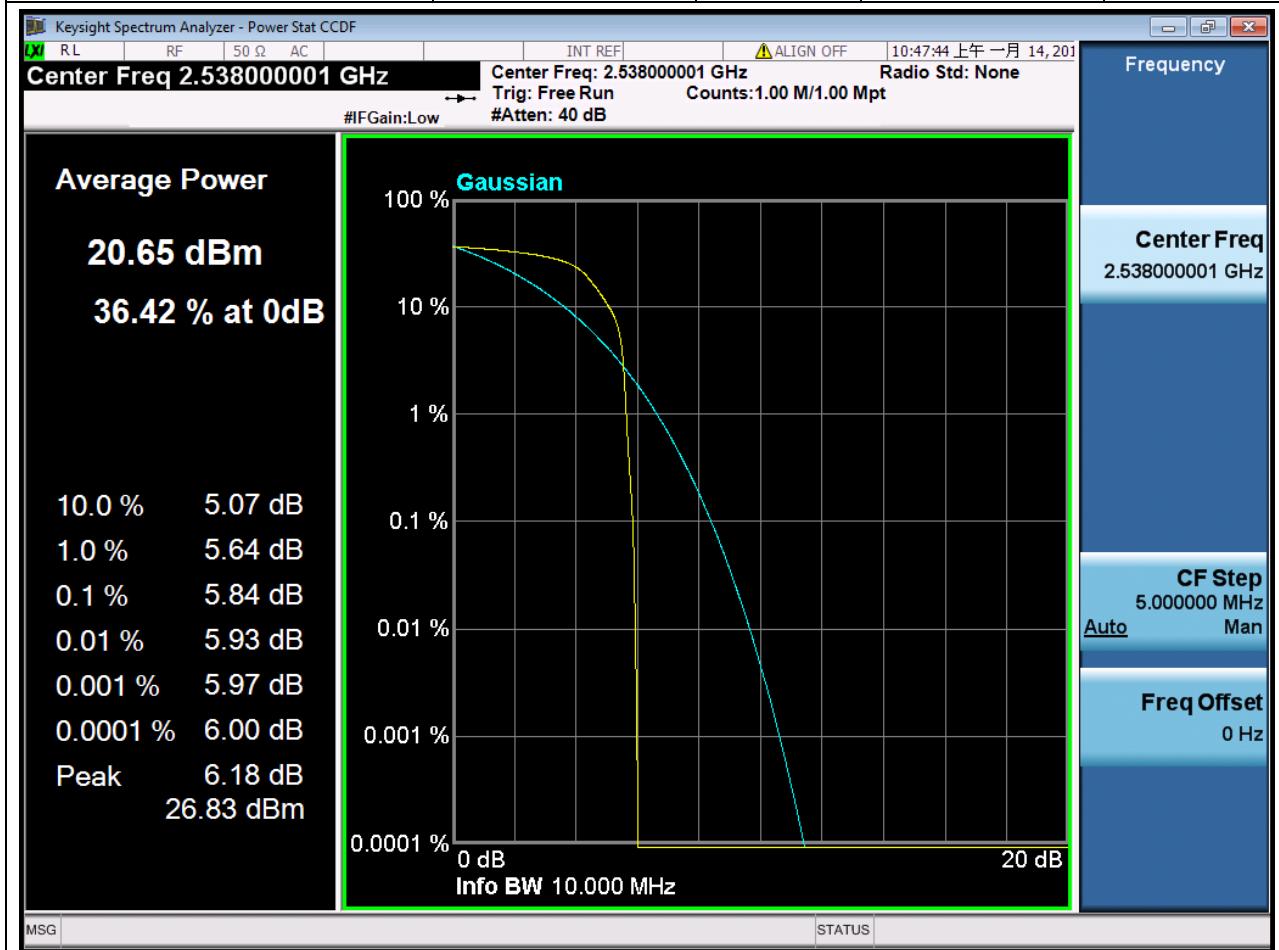
0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.538000001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

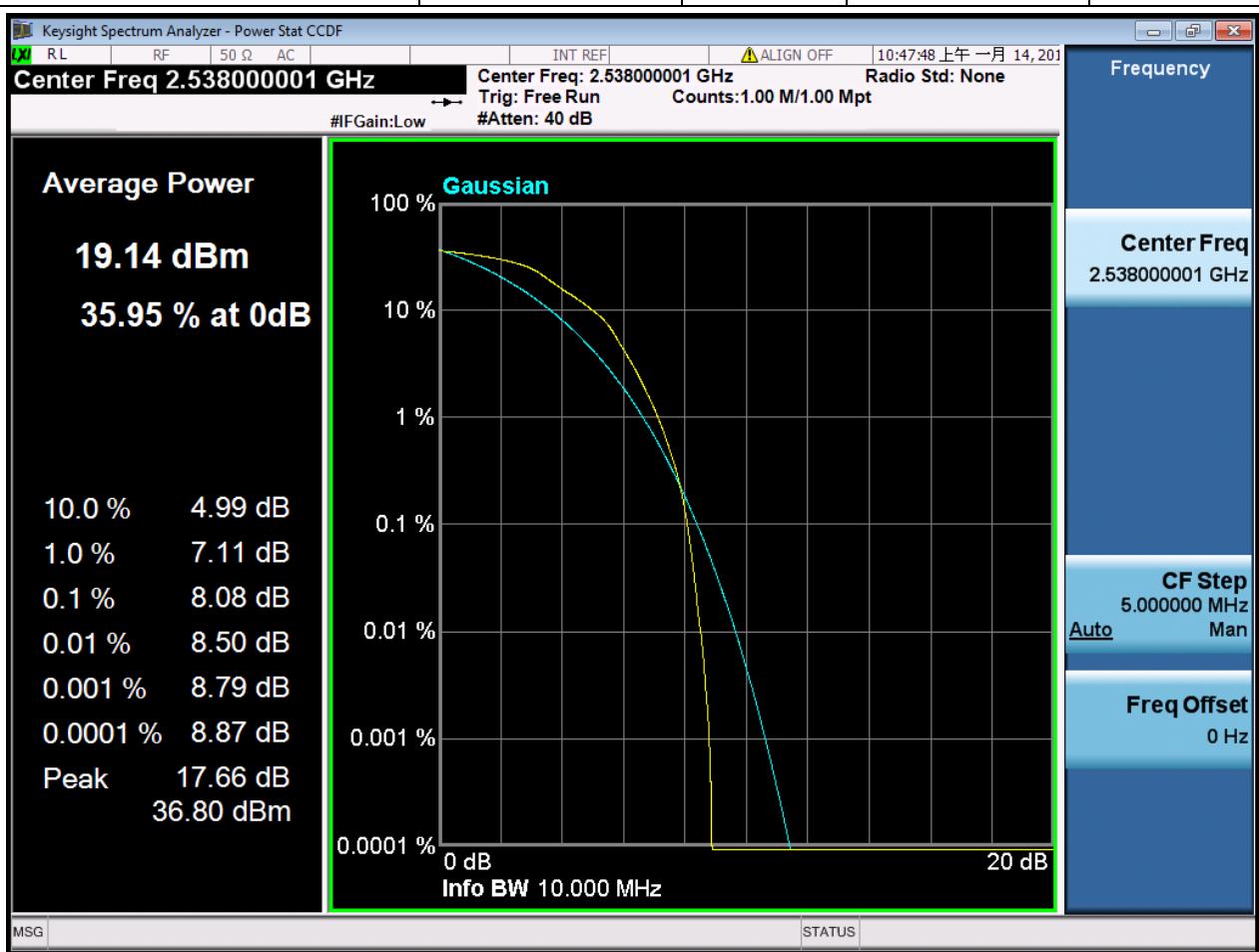
1.49. LTE Peak to Average Ratio(NTNV)(Subtest:49, Channel:40070, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	5.84	13	Pass



1.50. LTE Peak to Average Ratio(NTNV)(Subtest:50, Channel:40070, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	8.08	13	Pass



Average Power
19.14 dBm
35.95 % at 0dB

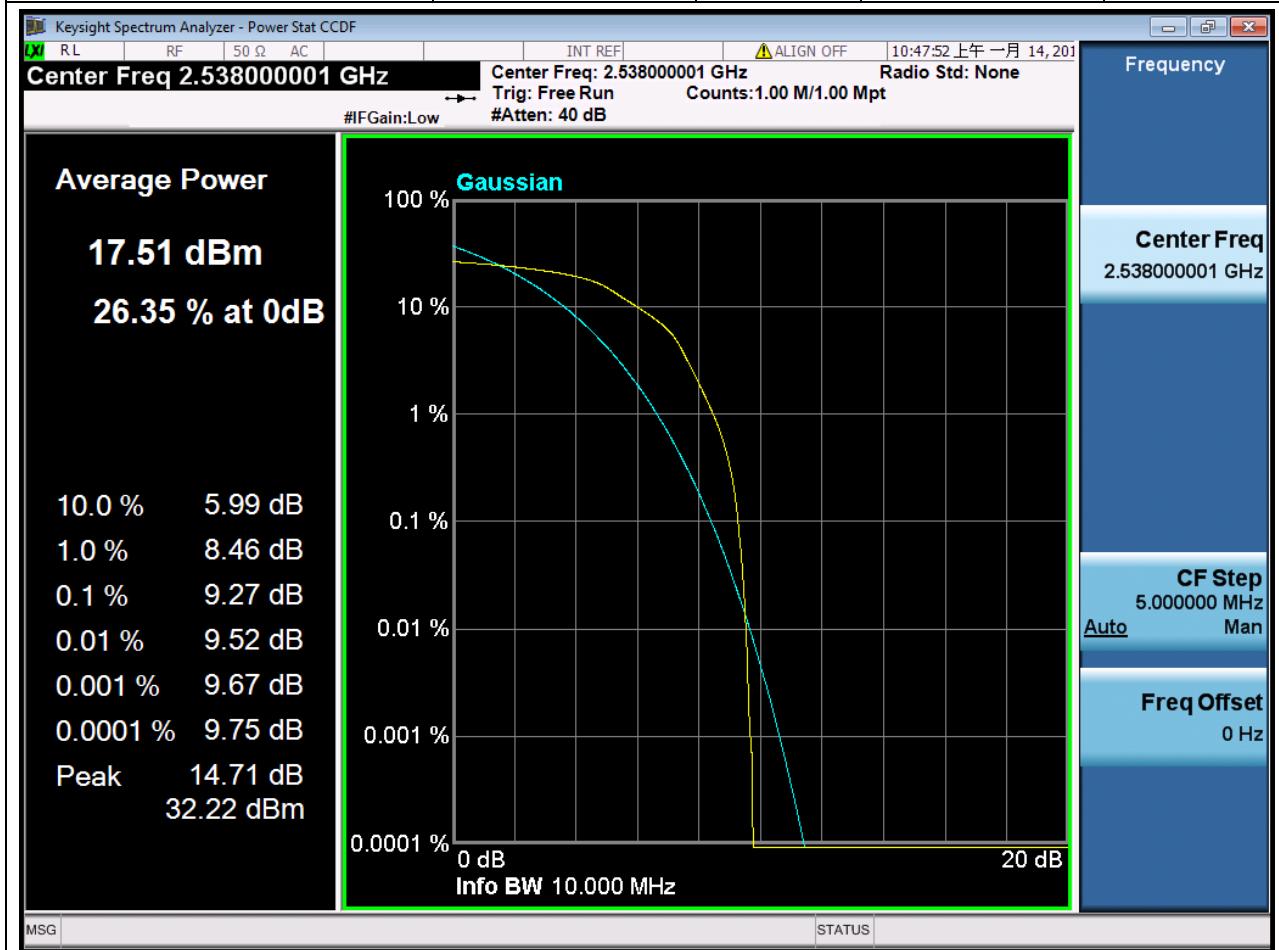
10.0 %	4.99 dB
1.0 %	7.11 dB
0.1 %	8.08 dB
0.01 %	8.50 dB
0.001 %	8.79 dB
0.0001 %	8.87 dB
Peak	17.66 dB
	36.80 dBm

Info BW 10.000 MHz

Frequency
Center Freq 2.538000001 GHz
CF Step 5.000000 MHz
Freq Offset 0 Hz

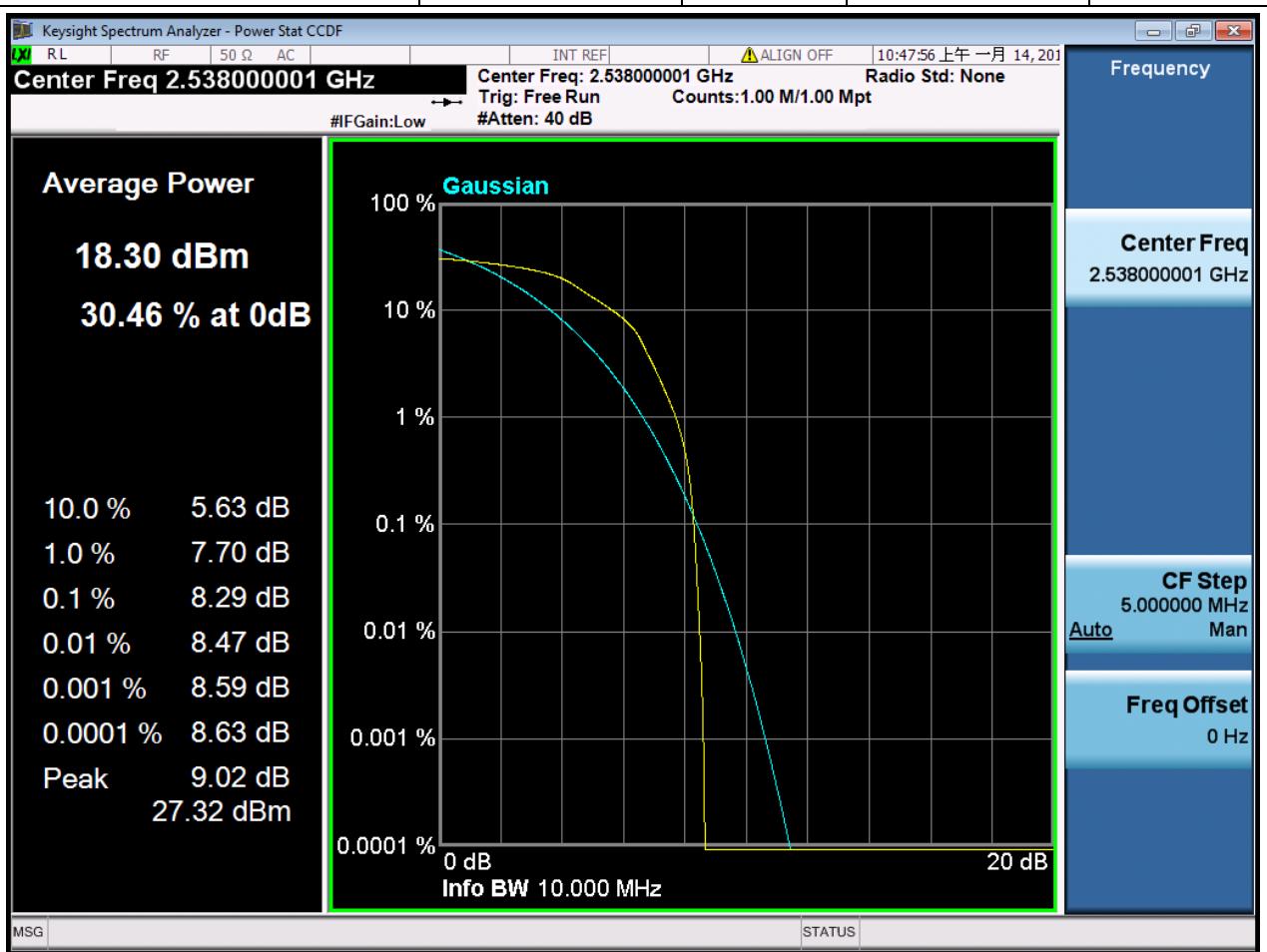
1.51. LTE Peak to Average Ratio(NTNV)(Subtest:51, Channel:40070, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	9.27	13	Pass



1.52. LTE Peak to Average Ratio(NTNV)(Subtest:52, Channel:40070, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	8.29	13	Pass



Average Power
18.30 dBm
30.46 % at 0dB

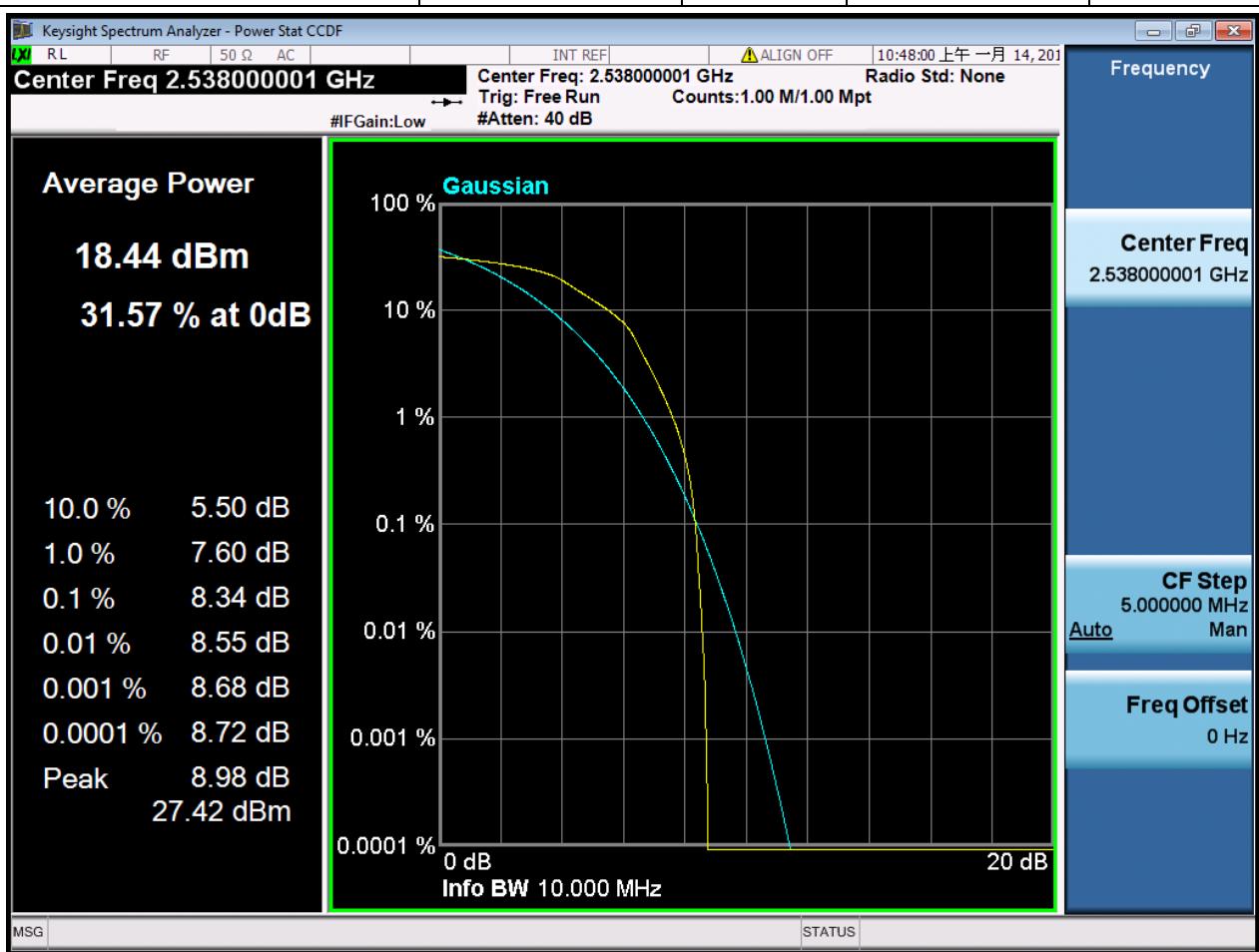
10.0 %	5.63 dB
1.0 %	7.70 dB
0.1 %	8.29 dB
0.01 %	8.47 dB
0.001 %	8.59 dB
0.0001 %	8.63 dB
Peak	9.02 dB
	27.32 dBm

Center Freq 2.53800001 GHz
CF Step 5.000000 MHz
Freq Offset 0 Hz

Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB 20 dB
Info BW 10.000 MHz

1.53. LTE Peak to Average Ratio(NTNV)(Subtest:53, Channel:40070, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

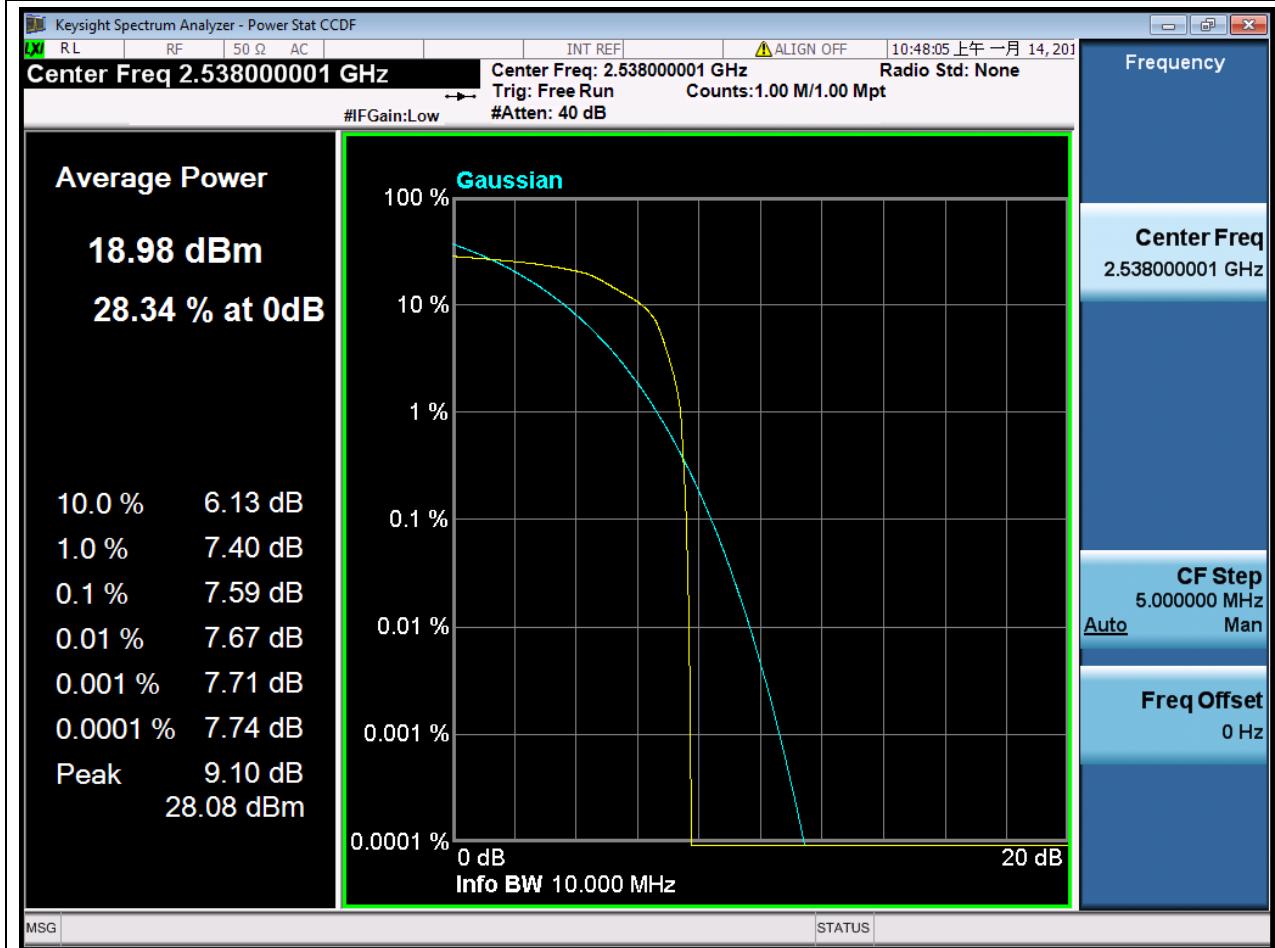
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	8.34	13	Pass



Average Power	
18.44 dBm	31.57 % at 0dB
10.0 %	5.50 dB
1.0 %	7.60 dB
0.1 %	8.34 dB
0.01 %	8.55 dB
0.001 %	8.68 dB
0.0001 %	8.72 dB
Peak	8.98 dB
	27.42 dBm

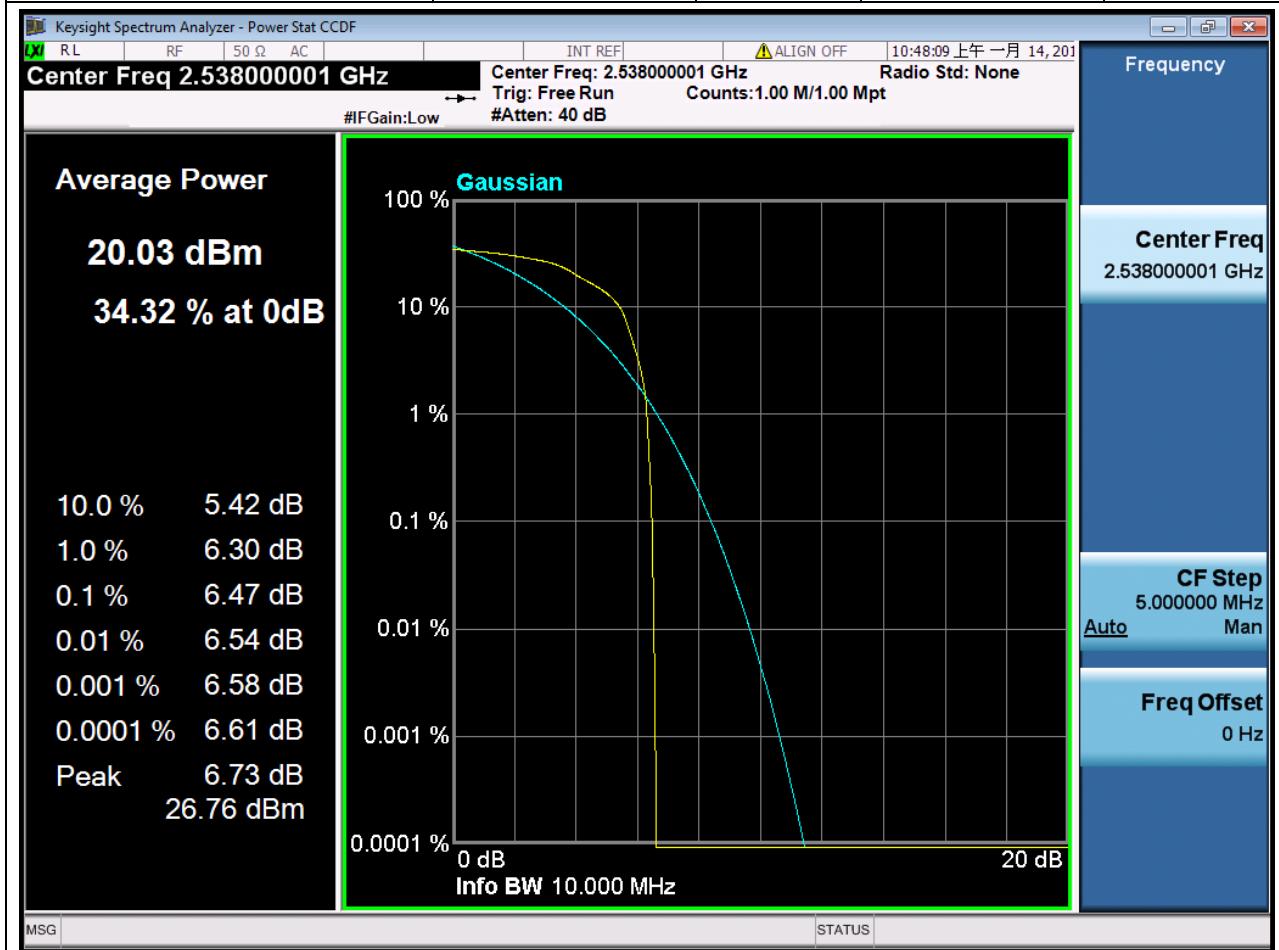
1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:40070, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	7.59	13	Pass



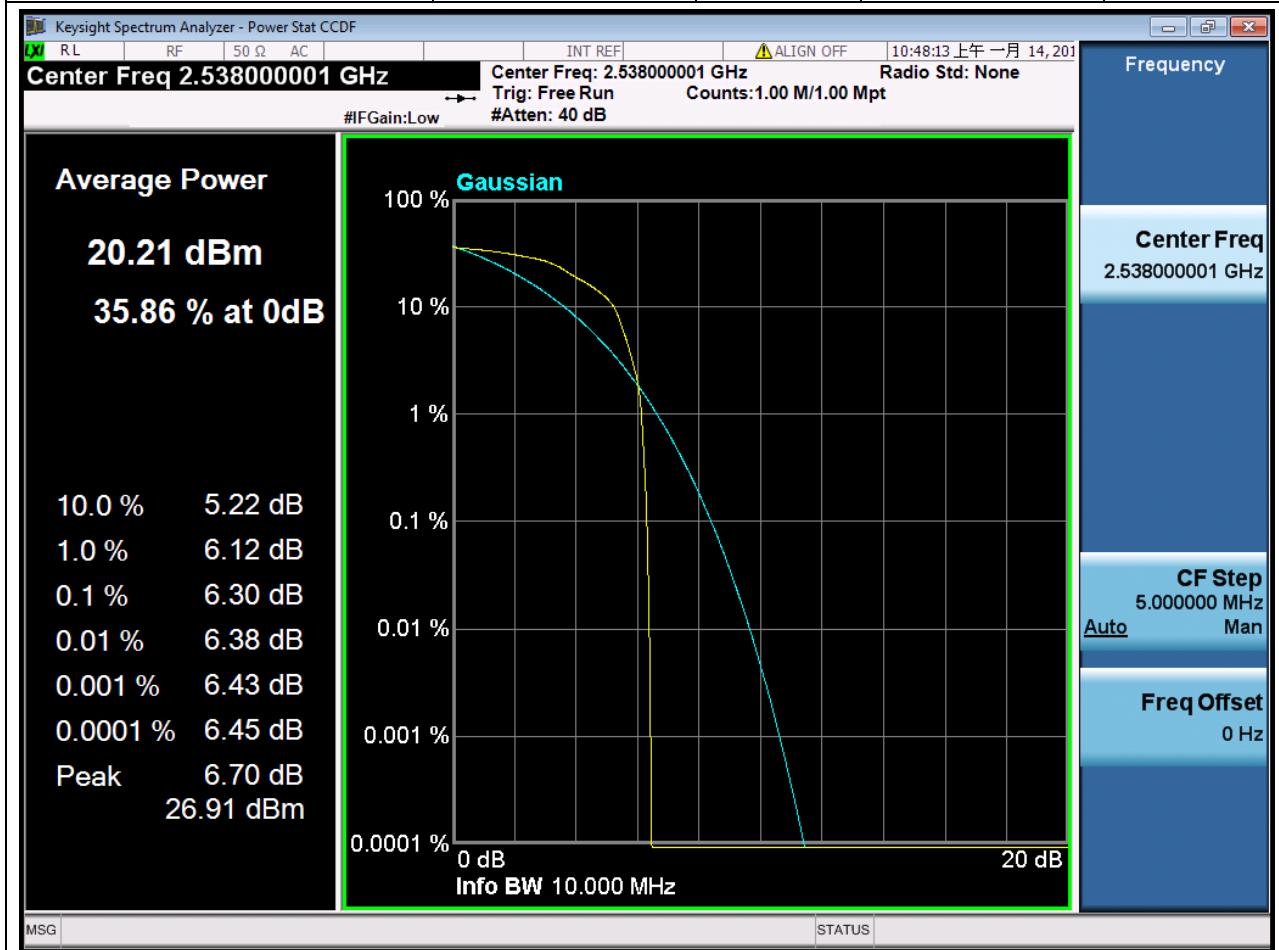
1.55. LTE Peak to Average Ratio(NTNV)(Subtest:55, Channel:40070, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	6.47	13	Pass



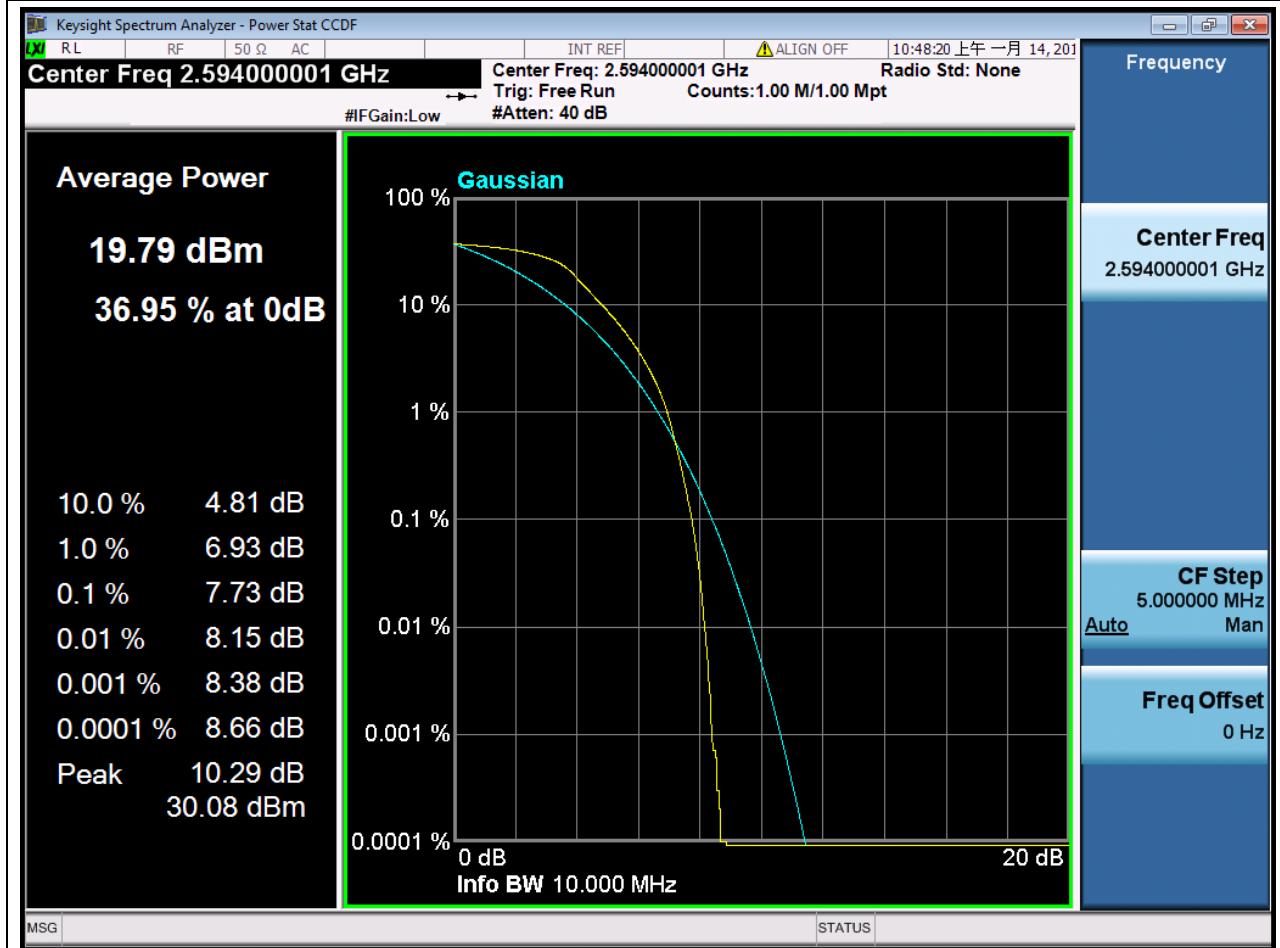
1.56. LTE Peak to Average Ratio(NTNV)(Subtest:56, Channel:40070, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2538	0.1	6.3	13	Pass



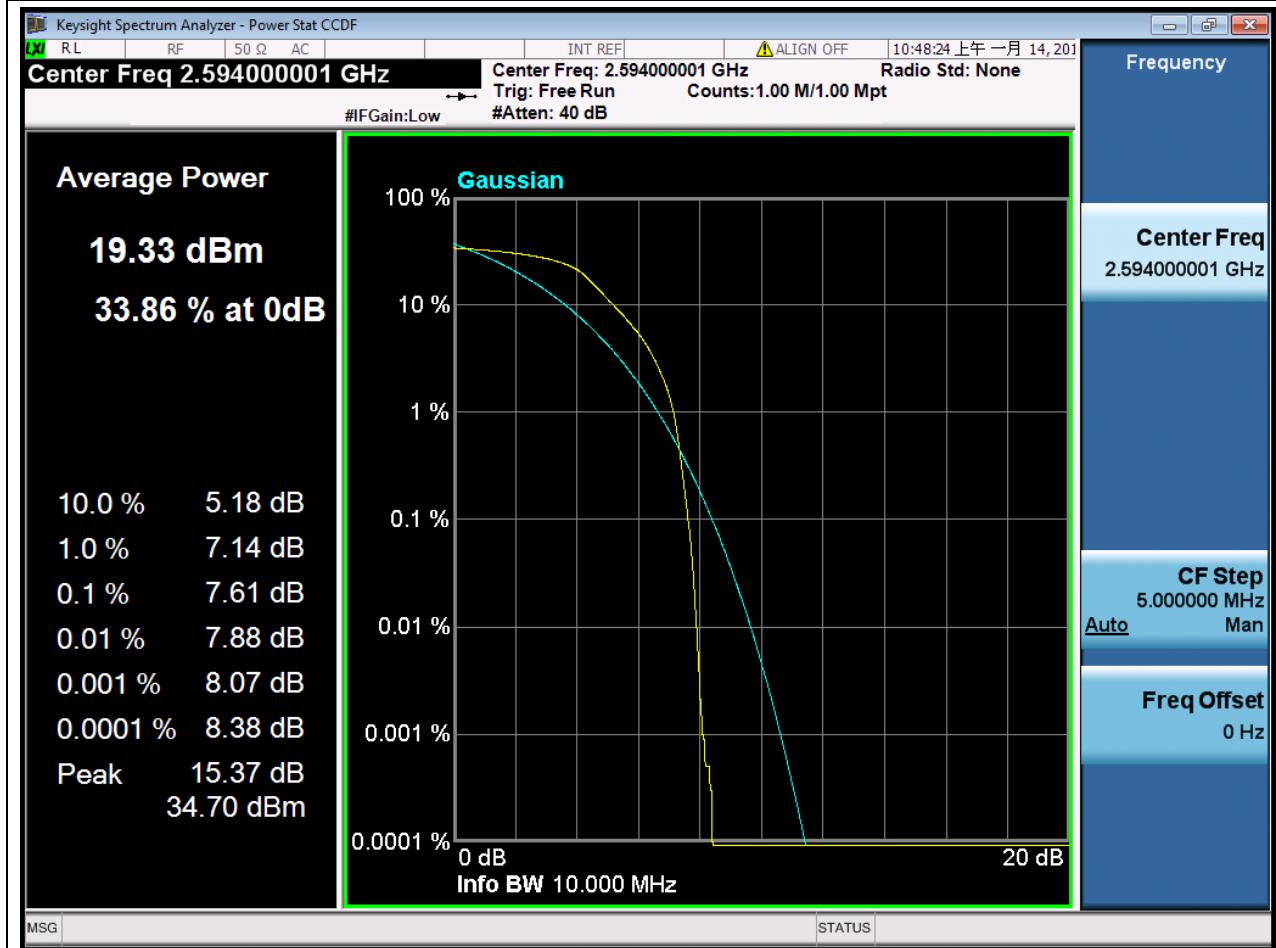
1.57. LTE Peak to Average Ratio(NTNV)(Subtest:57, Channel:40630, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.73	13	Pass



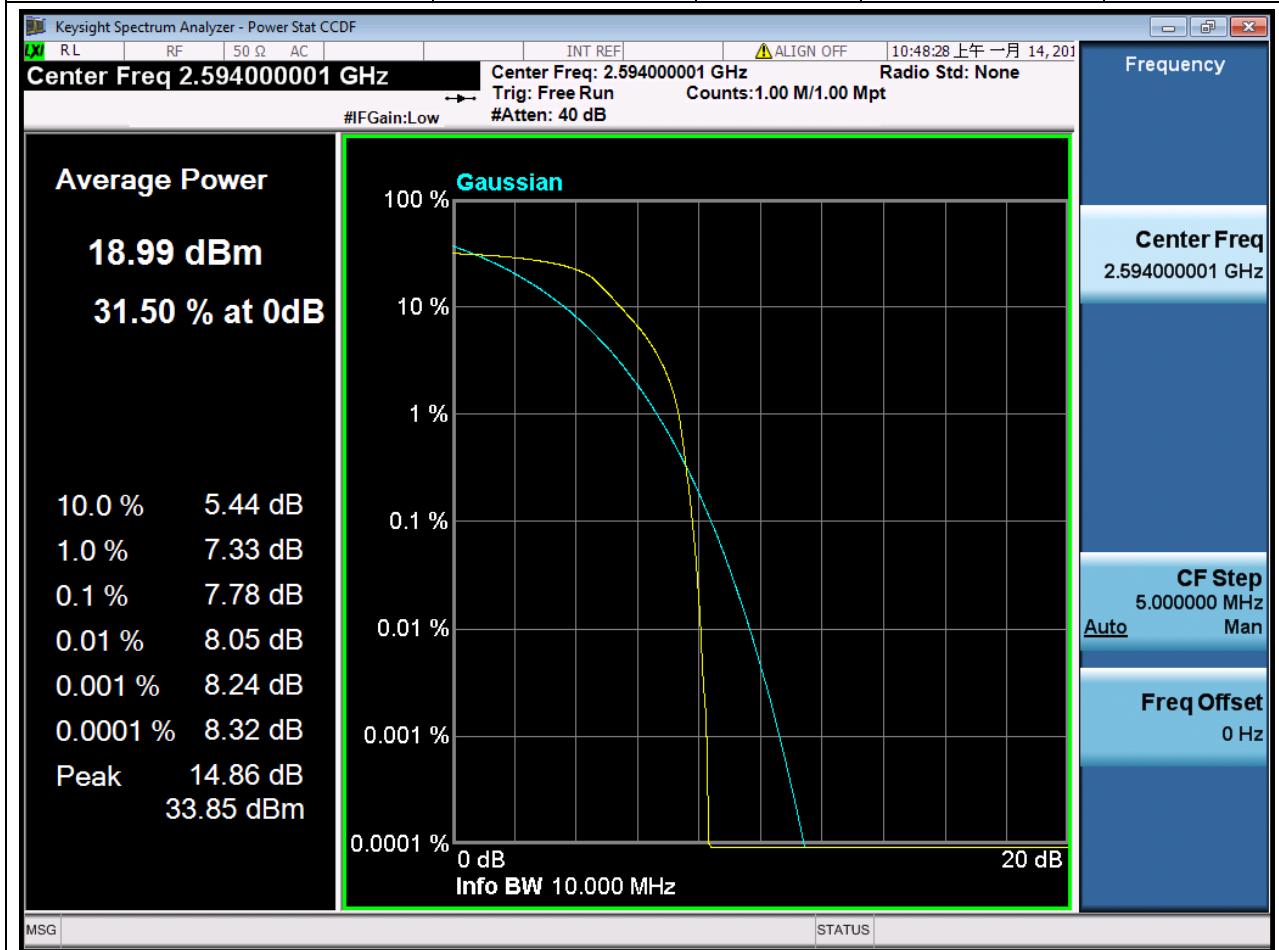
1.58. LTE Peak to Average Ratio(NTNV)(Subtest:58, Channel:40630, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.61	13	Pass



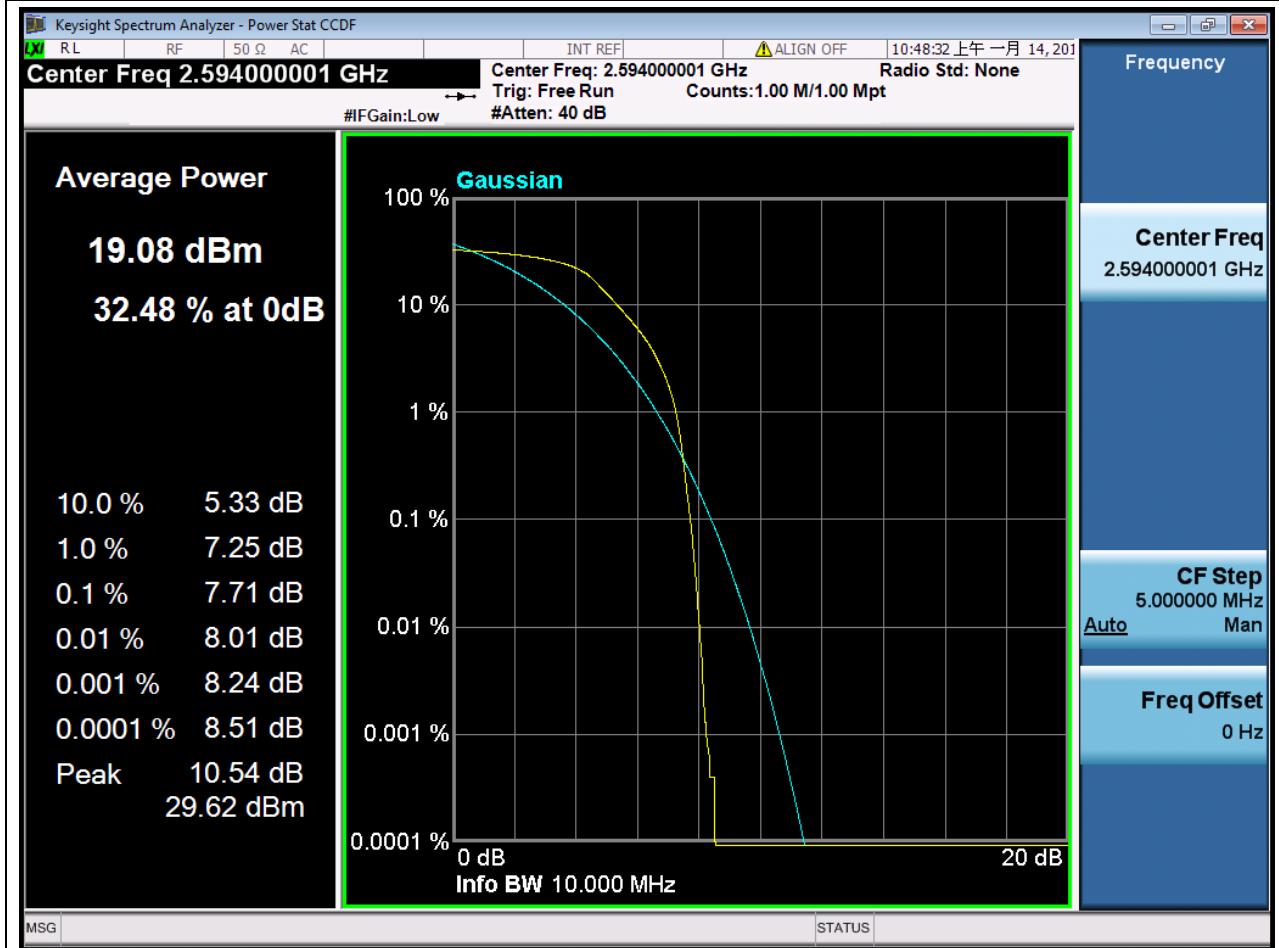
1.59. LTE Peak to Average Ratio(NTNV)(Subtest:59, Channel:40630, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.78	13	Pass



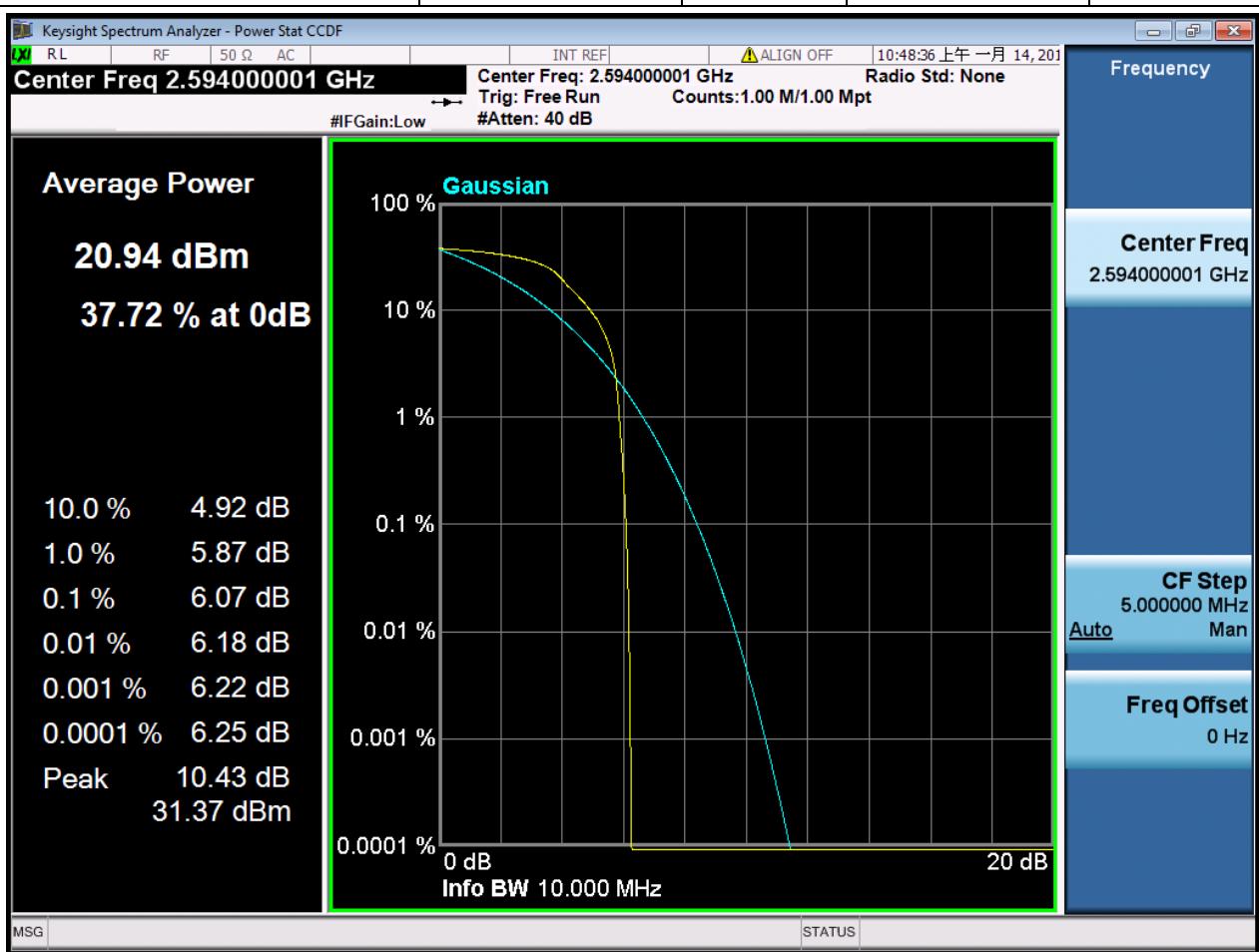
1.60. LTE Peak to Average Ratio(NTNV)(Subtest:60, Channel:40630, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.71	13	Pass



1.61. LTE Peak to Average Ratio(NTNV)(Subtest:61, Channel:40630, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

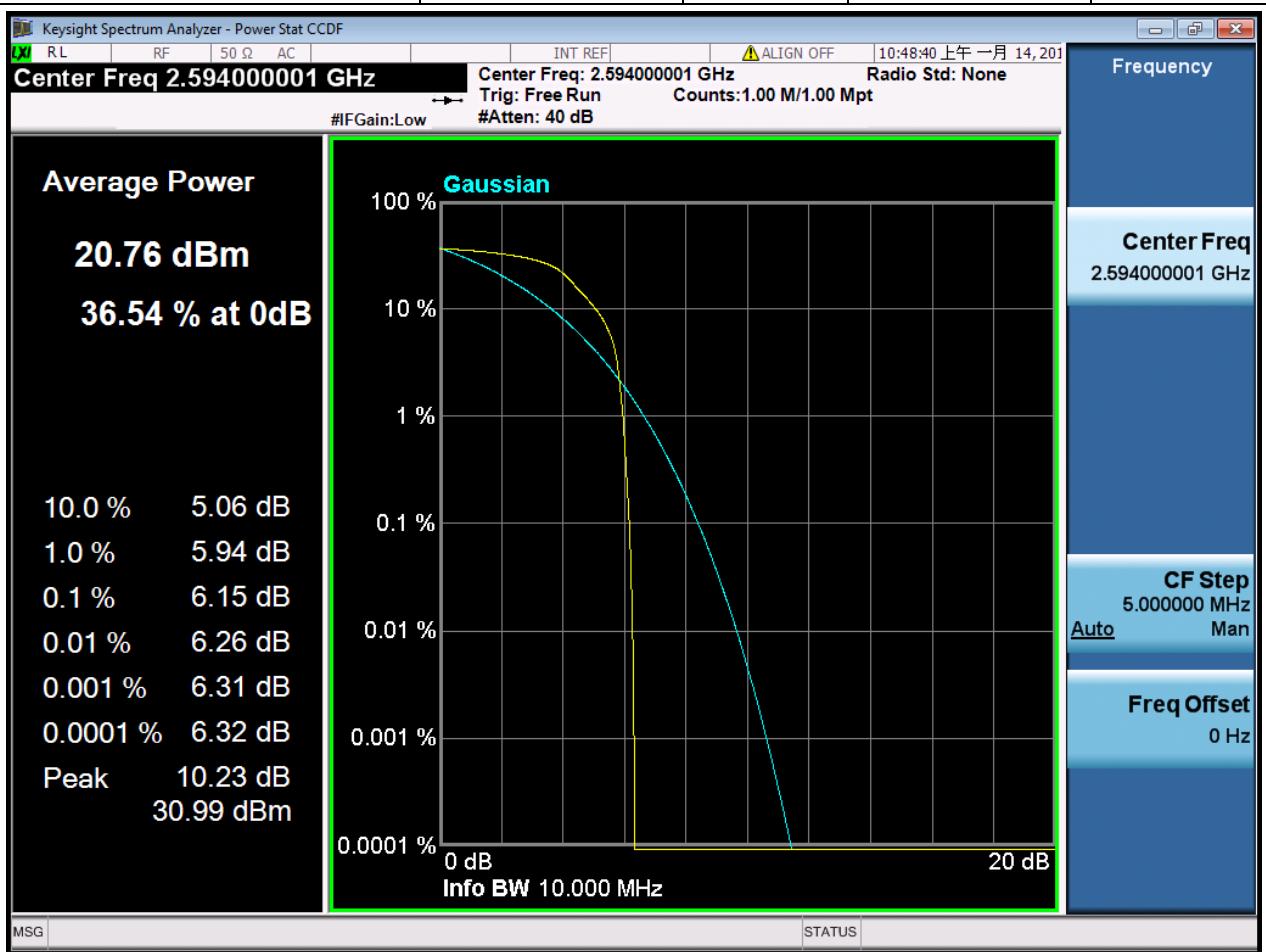
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	6.07	13	Pass



Value	Unit
20.94	dBm
37.72 %	at 0dB
10.0 %	4.92 dB
1.0 %	5.87 dB
0.1 %	6.07 dB
0.01 %	6.18 dB
0.001 %	6.22 dB
0.0001 %	6.25 dB
Peak	10.43 dB
	31.37 dBm

1.62. LTE Peak to Average Ratio(NTNV)(Subtest:62, Channel:40630, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	6.15	13	Pass

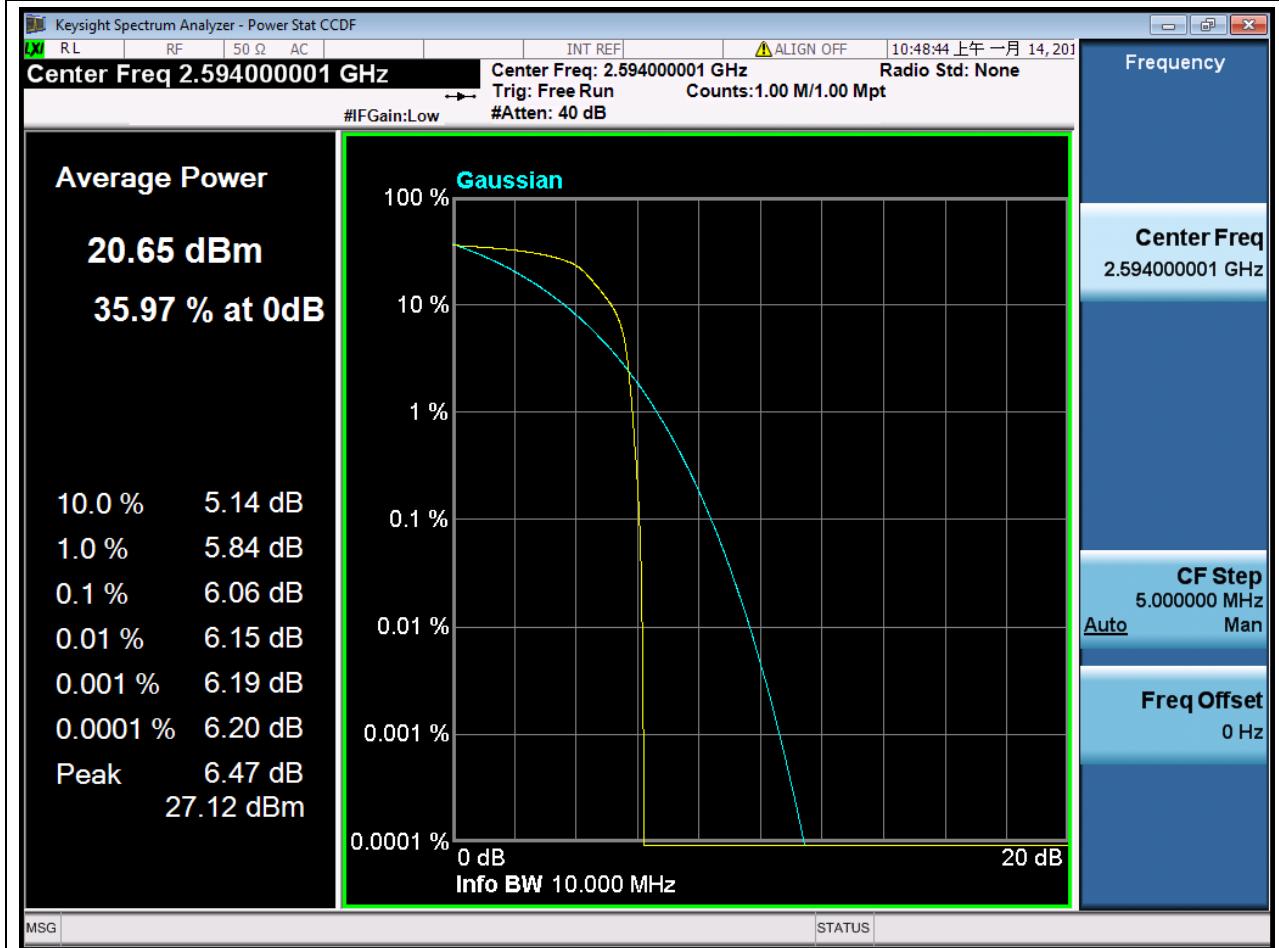


The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF test. The main window displays a Gaussian probability distribution curve on a log-linear scale. The x-axis represents power in dB (0 dB to 20 dB) and the y-axis represents percentage (0.0001 % to 100 %). A vertical yellow line marks the peak at 10.23 dB. The plot area is labeled "Gaussian". The left panel shows average power statistics: 20.76 dBm and 36.54 % at 0 dB. The right panel shows frequency settings: Center Freq 2.594000001 GHz, CF Step 5.000000 MHz, and Freq Offset 0 Hz.

Value	Description
20.76 dBm	Total Average Power
36.54 % at 0 dB	Average Power at 0 dB
10.0 % 5.06 dB	Peak Power Percentage
1.0 % 5.94 dB	Peak Power Percentage
0.1 % 6.15 dB	Peak Power Percentage
0.01 % 6.26 dB	Peak Power Percentage
0.001 % 6.31 dB	Peak Power Percentage
0.0001 % 6.32 dB	Peak Power Percentage
Peak 10.23 dB	Peak Power (dBm)
30.99 dBm	Peak Power (dBm)

1.63. LTE Peak to Average Ratio(NTNV)(Subtest:63, Channel:40630, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	6.06	13	Pass



1.64. LTE Peak to Average Ratio(NTNV)(Subtest:64, Channel:40630, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	8.85	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:48:48 上午 一月 14, 201

Center Freq 2.594000001 GHz Center Freq: 2.594000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
18.72 dBm
32.05 % at 0dB

10.0 % 5.35 dB
1.0 % 7.76 dB
0.1 % 8.85 dB
0.01 % 9.39 dB
0.001 % 9.70 dB
0.0001 % 9.90 dB
Peak 9.92 dB
28.64 dBm

Gaussian



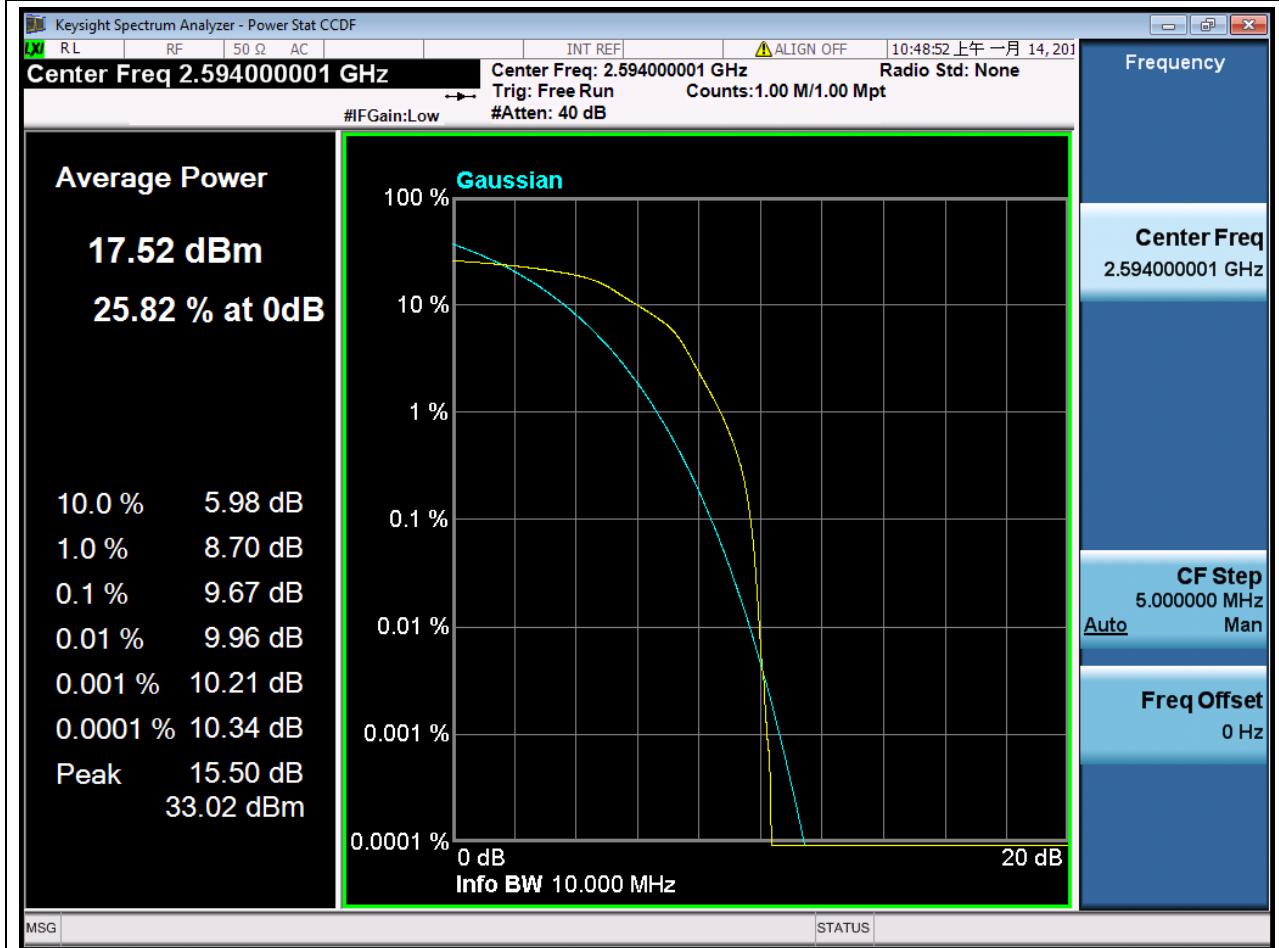
0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.594000001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

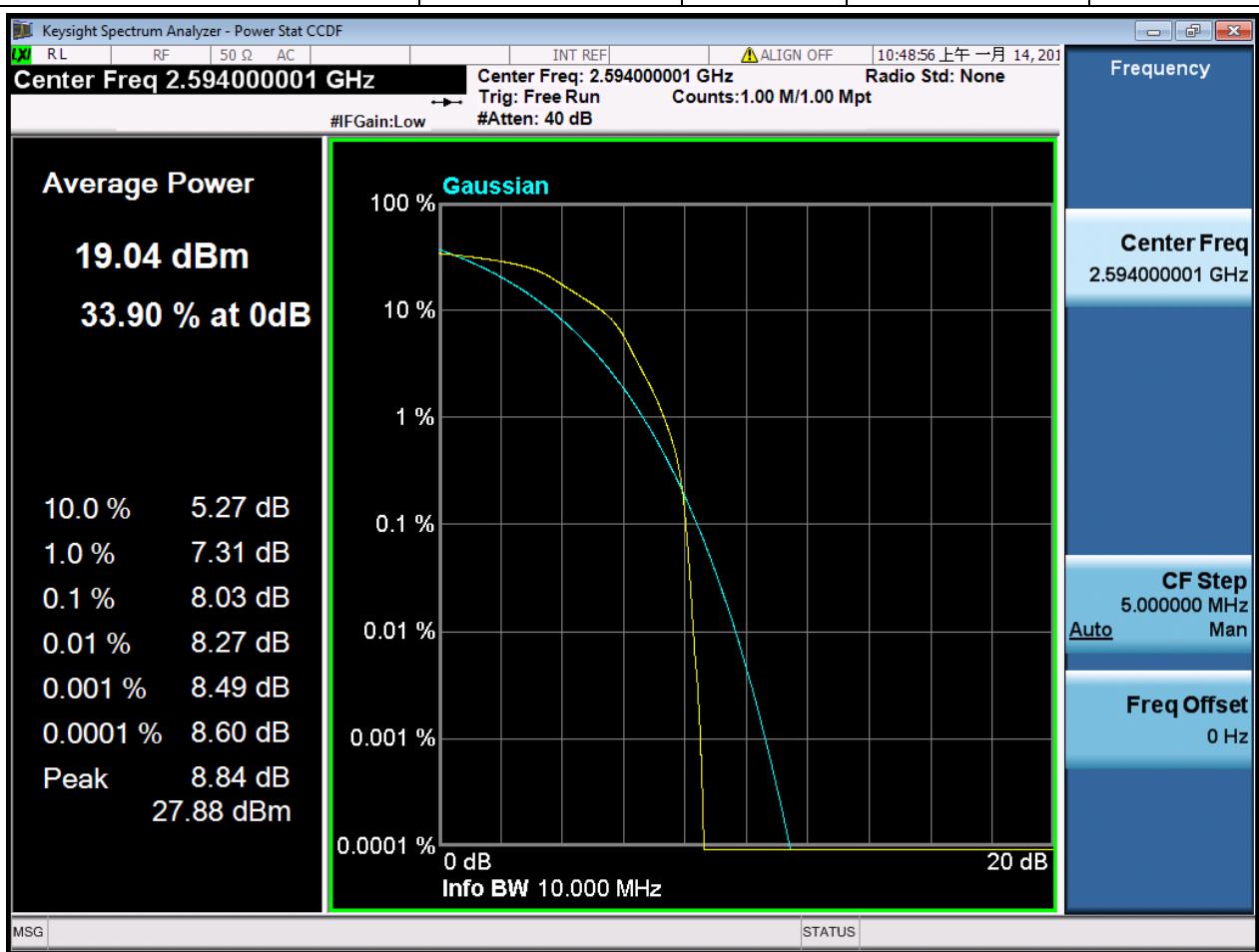
1.65. LTE Peak to Average Ratio(NTNV)(Subtest:65, Channel:40630, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	9.67	13	Pass



1.66. LTE Peak to Average Ratio(NTNV)(Subtest:66, Channel:40630, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	8.03	13	Pass



Average Power
19.04 dBm
33.90 % at 0dB

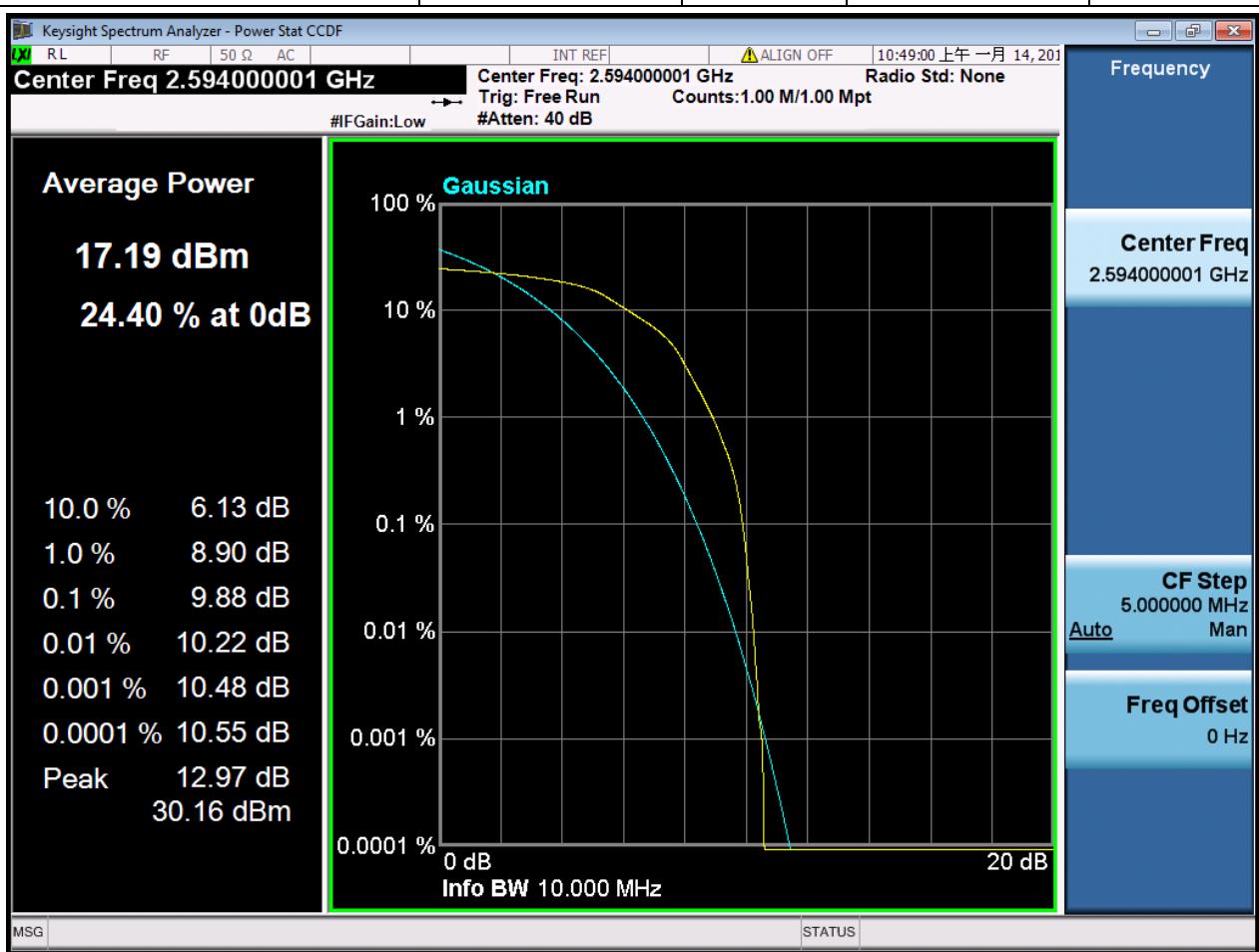
10.0 %	5.27 dB
1.0 %	7.31 dB
0.1 %	8.03 dB
0.01 %	8.27 dB
0.001 %	8.49 dB
0.0001 %	8.60 dB
Peak	8.84 dB
	27.88 dBm

Center Freq 2.594000001 GHz
Trig: Free Run Counts:1.00 M/1.00 Mpt
#Atten: 40 dB

Frequency
Center Freq 2.594000001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

1.67. LTE Peak to Average Ratio(NTNV)(Subtest:67, Channel:40630, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

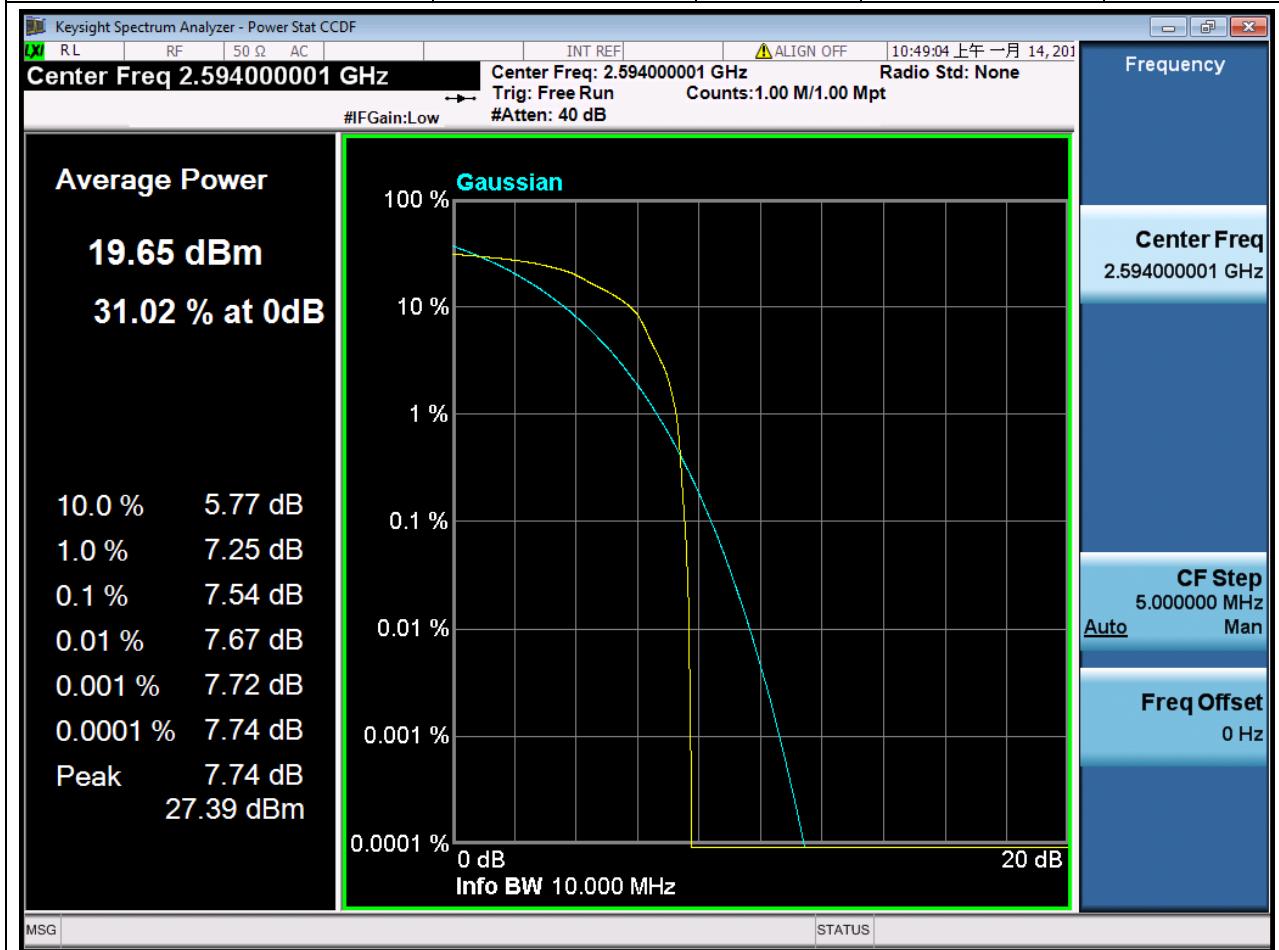
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	9.88	13	Pass



Power Level (%)	Relative Power (dBm)
100.0 %	17.19 dBm
1.0000000000000002 %	24.40 % at 0dB
10.0 %	6.13 dB
1.0 %	8.90 dB
0.1 %	9.88 dB
0.01 %	10.22 dB
0.001 %	10.48 dB
0.0001 %	10.55 dB
Peak	12.97 dB
	30.16 dBm

1.68. LTE Peak to Average Ratio(NTNV)(Subtest:68, Channel:40630, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.54	13	Pass



1.69. LTE Peak to Average Ratio(NTNV)(Subtest:69, Channel:40630, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.51	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:49:08 上午 一月 14, 201

Center Freq 2.594000001 GHz Center Freq: 2.594000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
19.55 dBm
31.10 % at 0dB

10.0 % 5.76 dB
1.0 % 7.22 dB
0.1 % 7.51 dB
0.01 % 7.63 dB
0.001 % 7.67 dB
0.0001 % 7.70 dB
Peak 8.49 dB
28.04 dBm

Gaussian



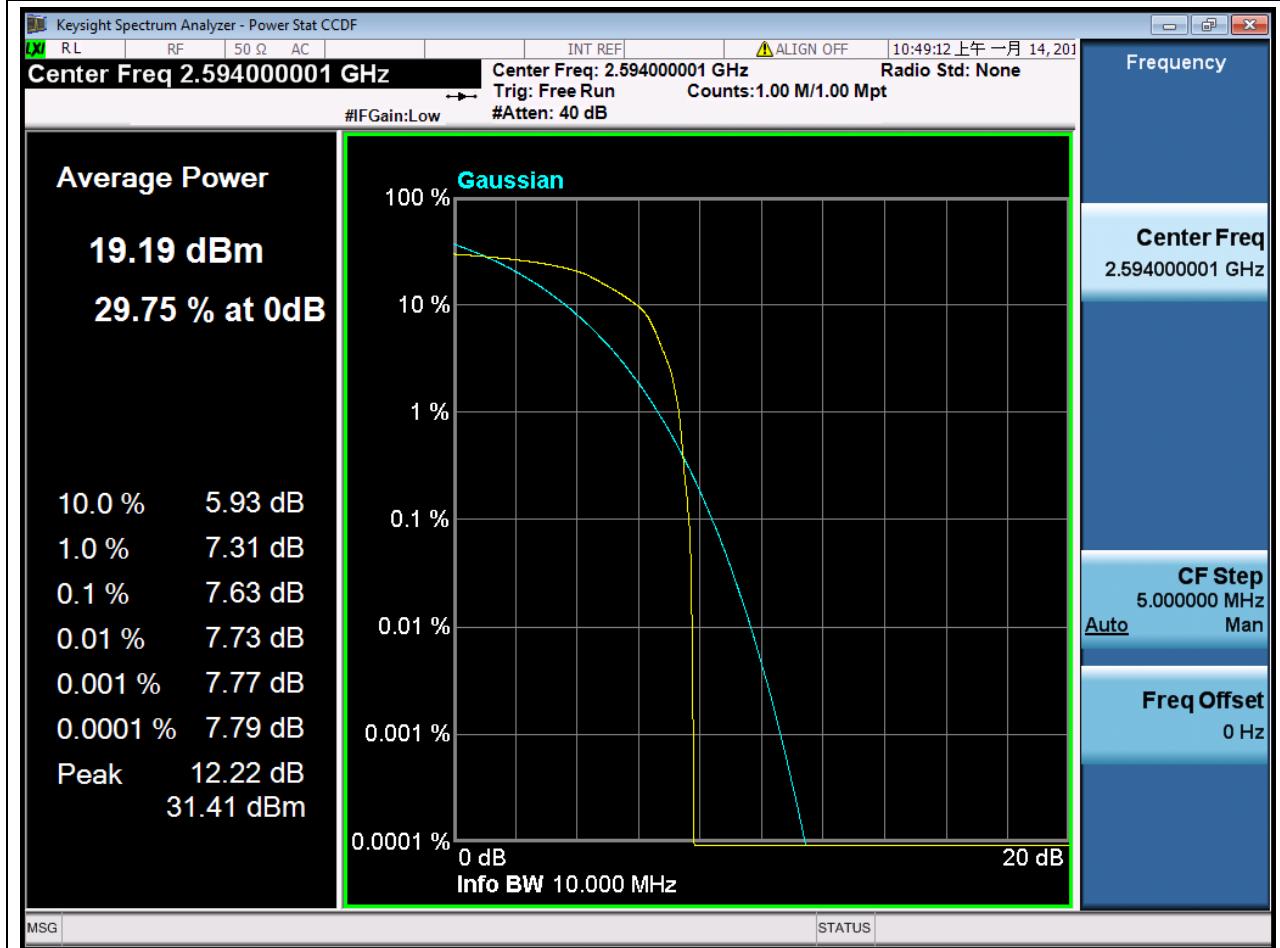
0.0001 % 0 dB 20 dB
0.001 % 0.01 % 0.1 % 1 % 10 % 100 %
Info BW 10.000 MHz

Frequency
Center Freq 2.594000001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

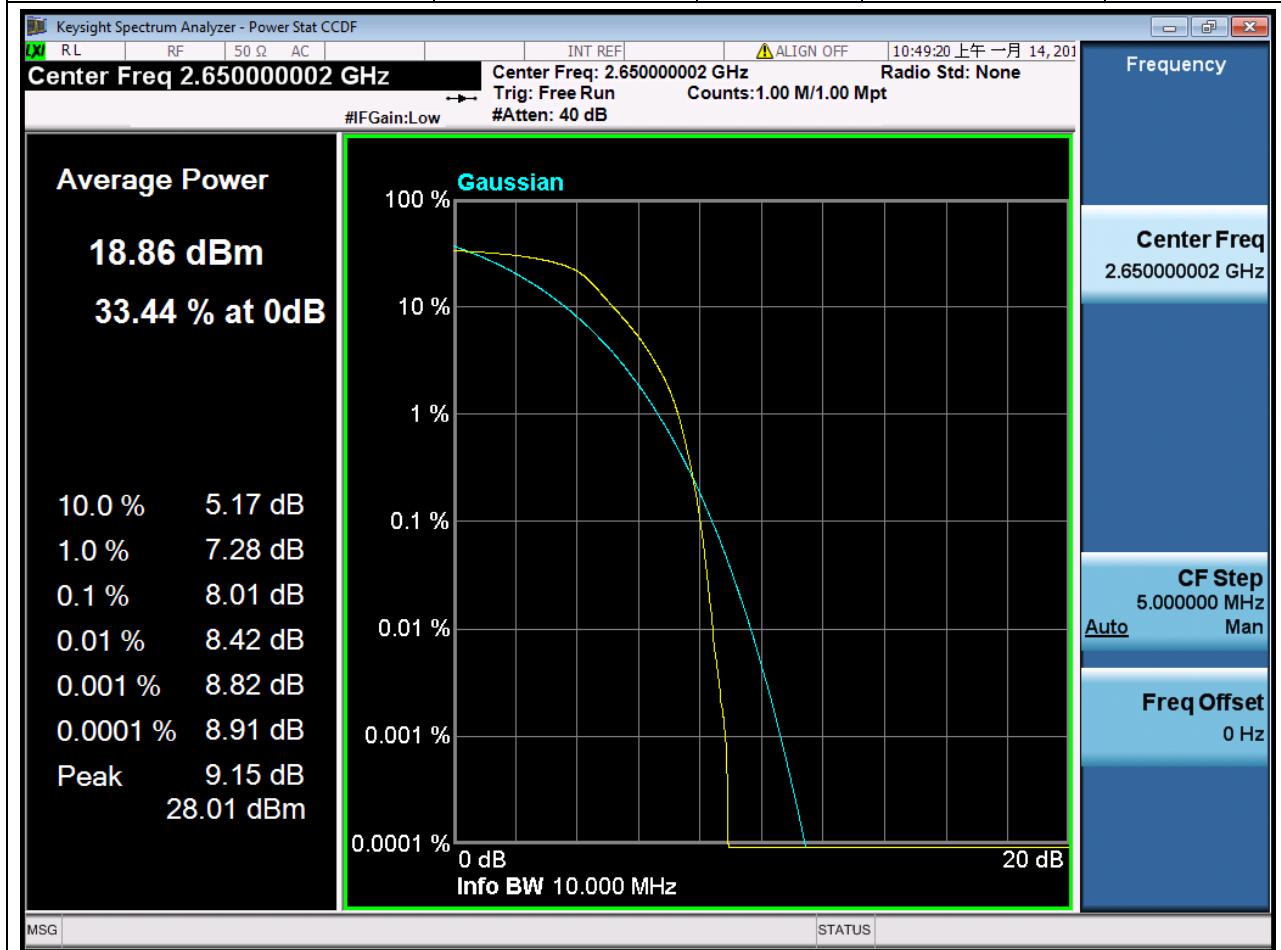
1.70. LTE Peak to Average Ratio(NTNV)(Subtest:70, Channel:40630, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2594	0.1	7.63	13	Pass



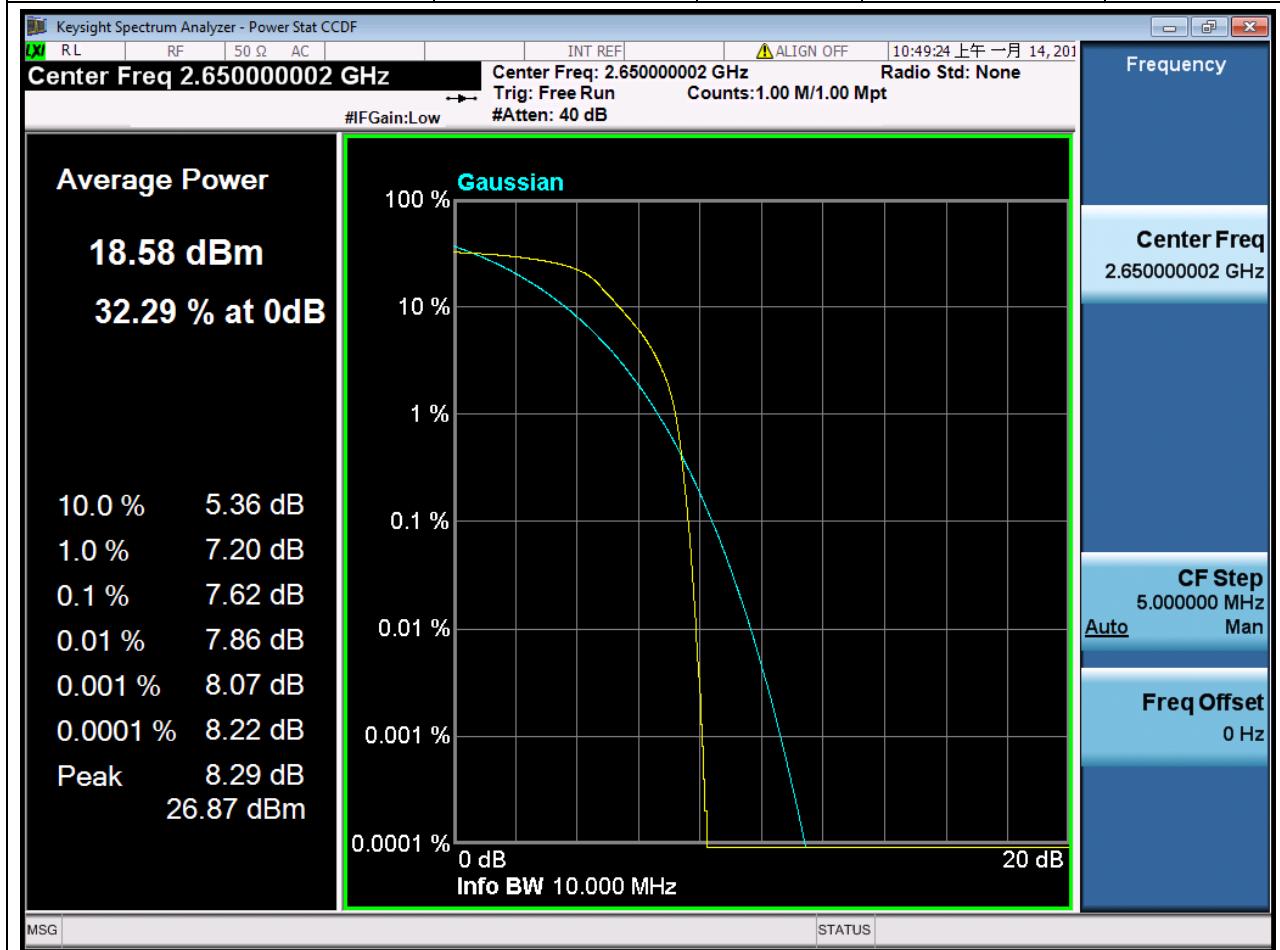
1.71. LTE Peak to Average Ratio(NTNV)(Subtest:71, Channel:41190, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2650	0.1	8.01	13	Pass



1.72. LTE Peak to Average Ratio(NTNV)(Subtest:72, Channel:41190, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2650	0.1	7.62	13	Pass



1.73. LTE Peak to Average Ratio(NTNV)(Subtest:73, Channel:41190, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2650	0.1	7.61	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 10:49:28 上午 一月 14, 201

Center Freq 2.650000002 GHz Center Freq: 2.650000002 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 18.40 dBm
30.62 % at 0dB

10.0 % 5.57 dB
1.0 % 7.25 dB
0.1 % 7.61 dB
0.01 % 7.83 dB
0.001 % 7.95 dB
0.0001 % 8.01 dB
Peak 12.35 dB
30.75 dBm

Gaussian



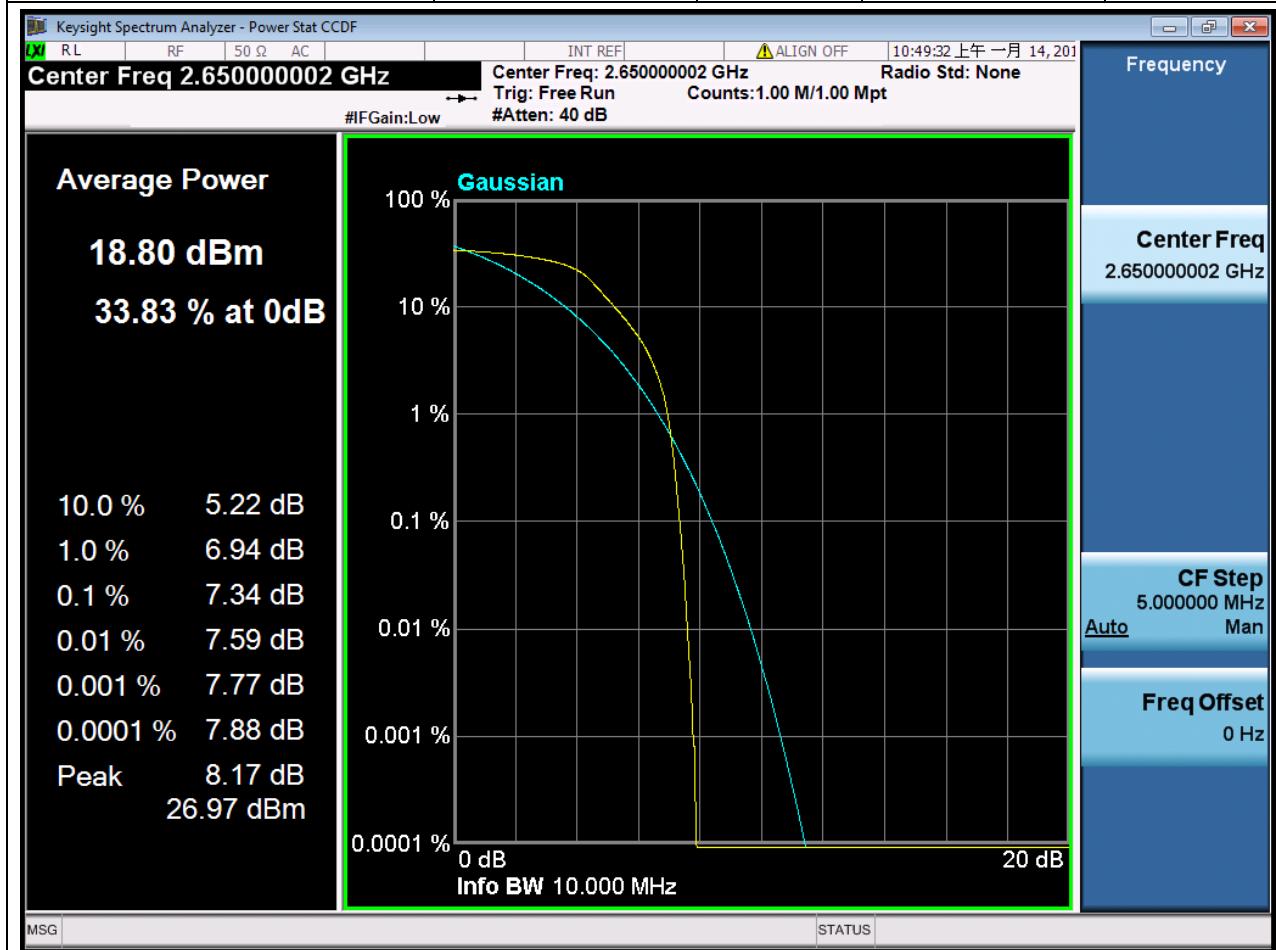
0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.650000002 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:41190, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2650	0.1	7.34	13	Pass



1.75. LTE Peak to Average Ratio(NTNV)(Subtest:75, Channel:41190, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2650	0.1	5.93	13	Pass

