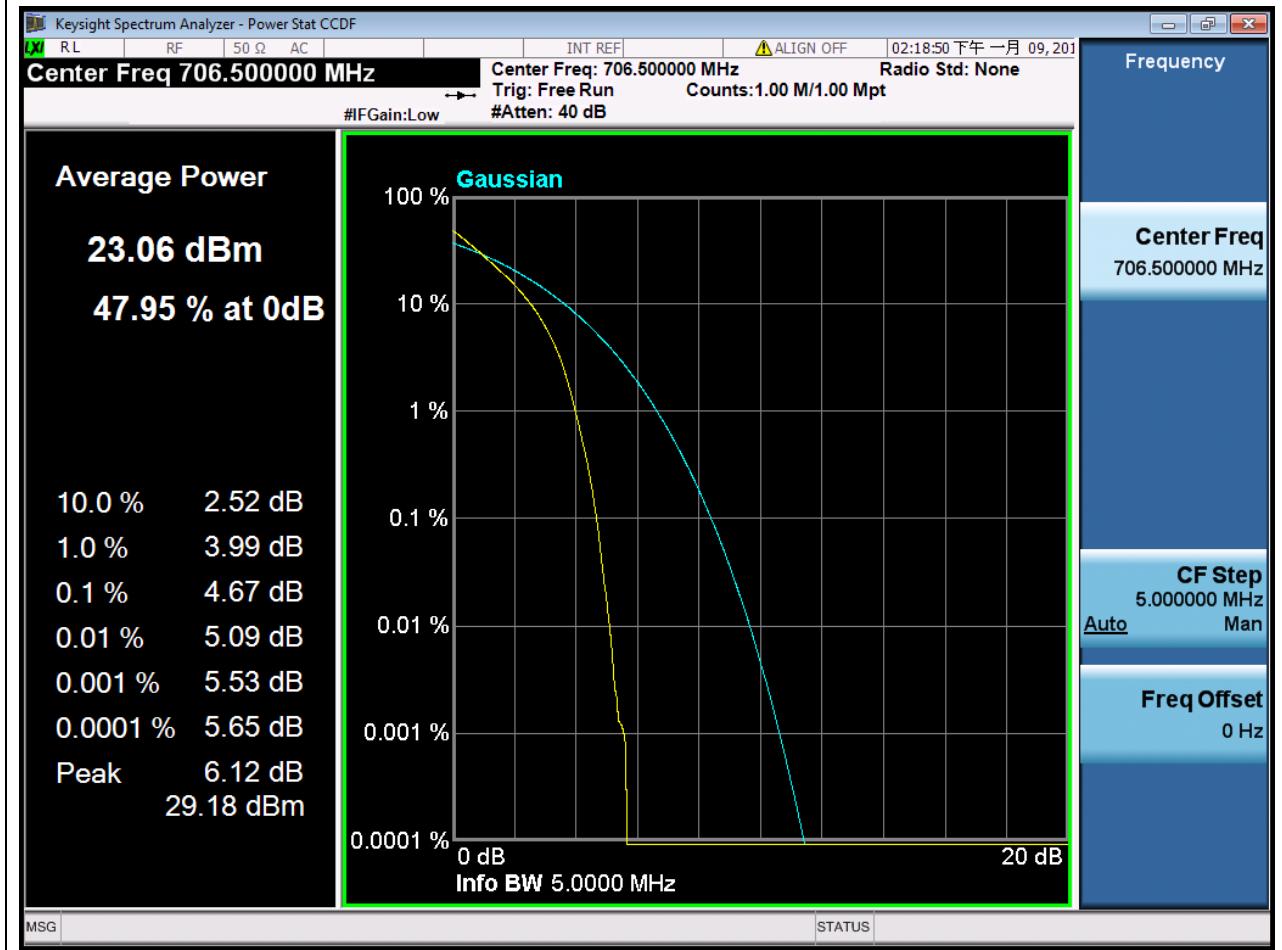


Annex B. LTE Peak to Average Ratio

1. LTE_Band17

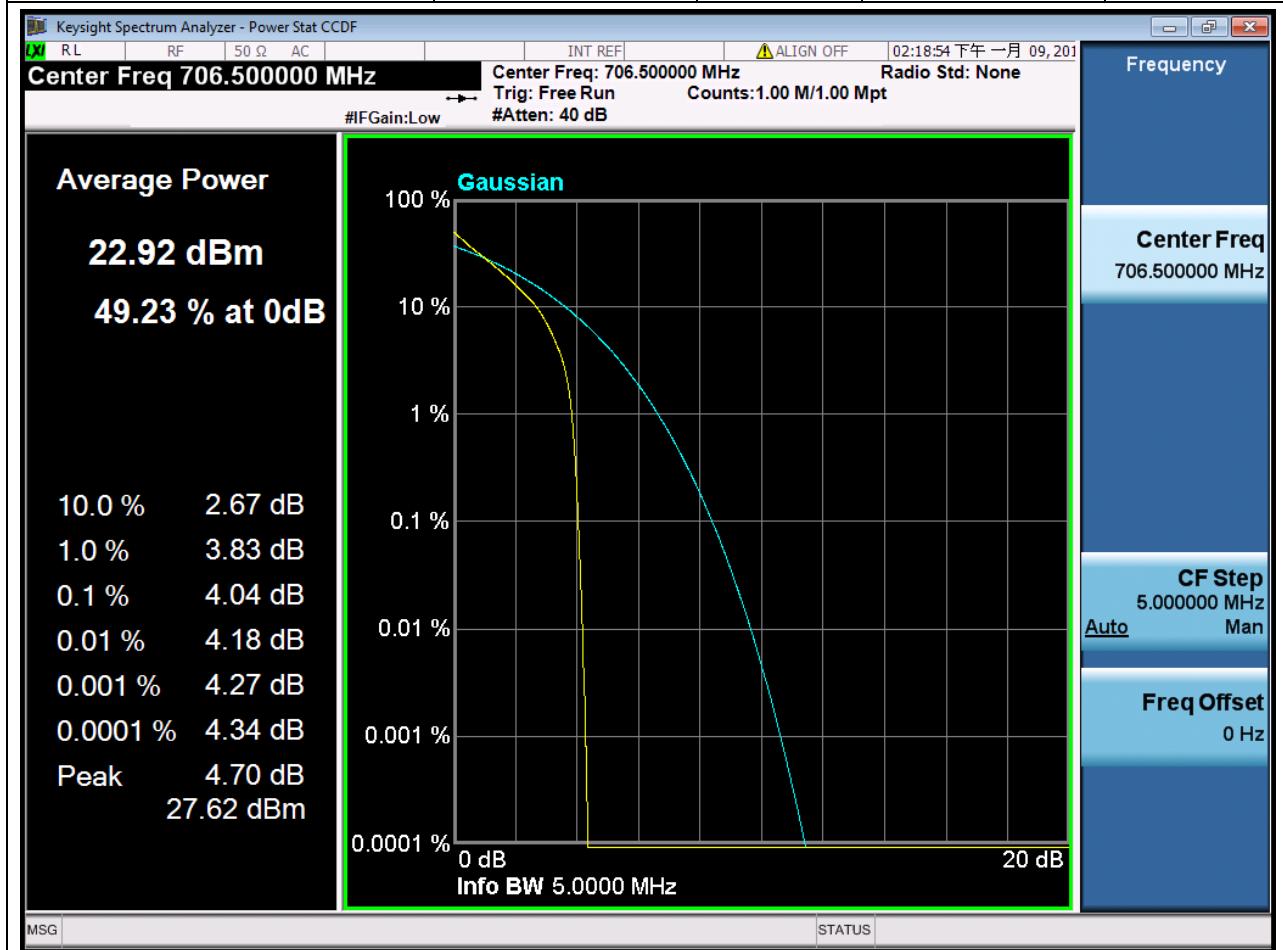
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	4.67	13	Pass



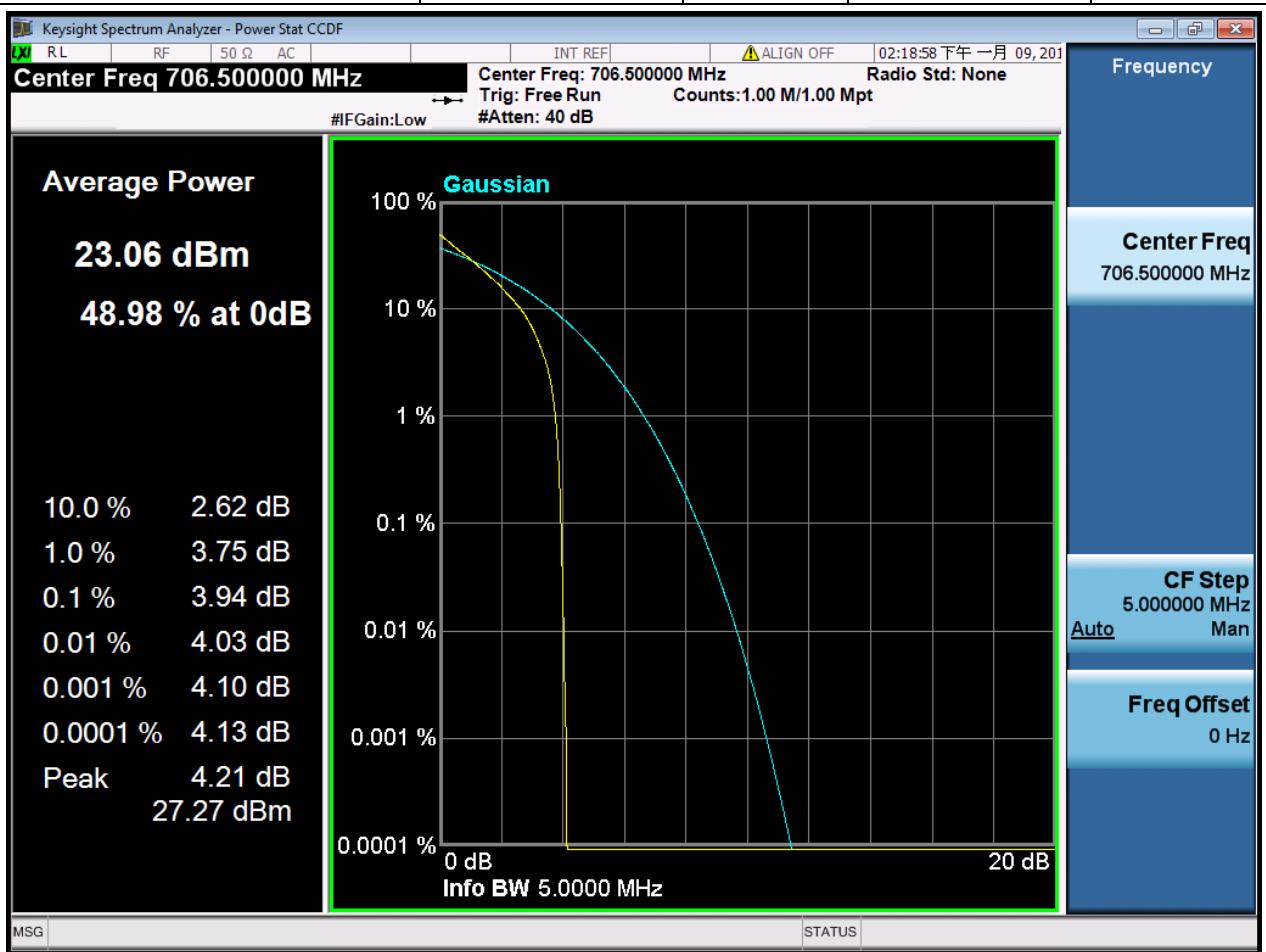
1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	4.04	13	Pass



1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	3.94	13	Pass

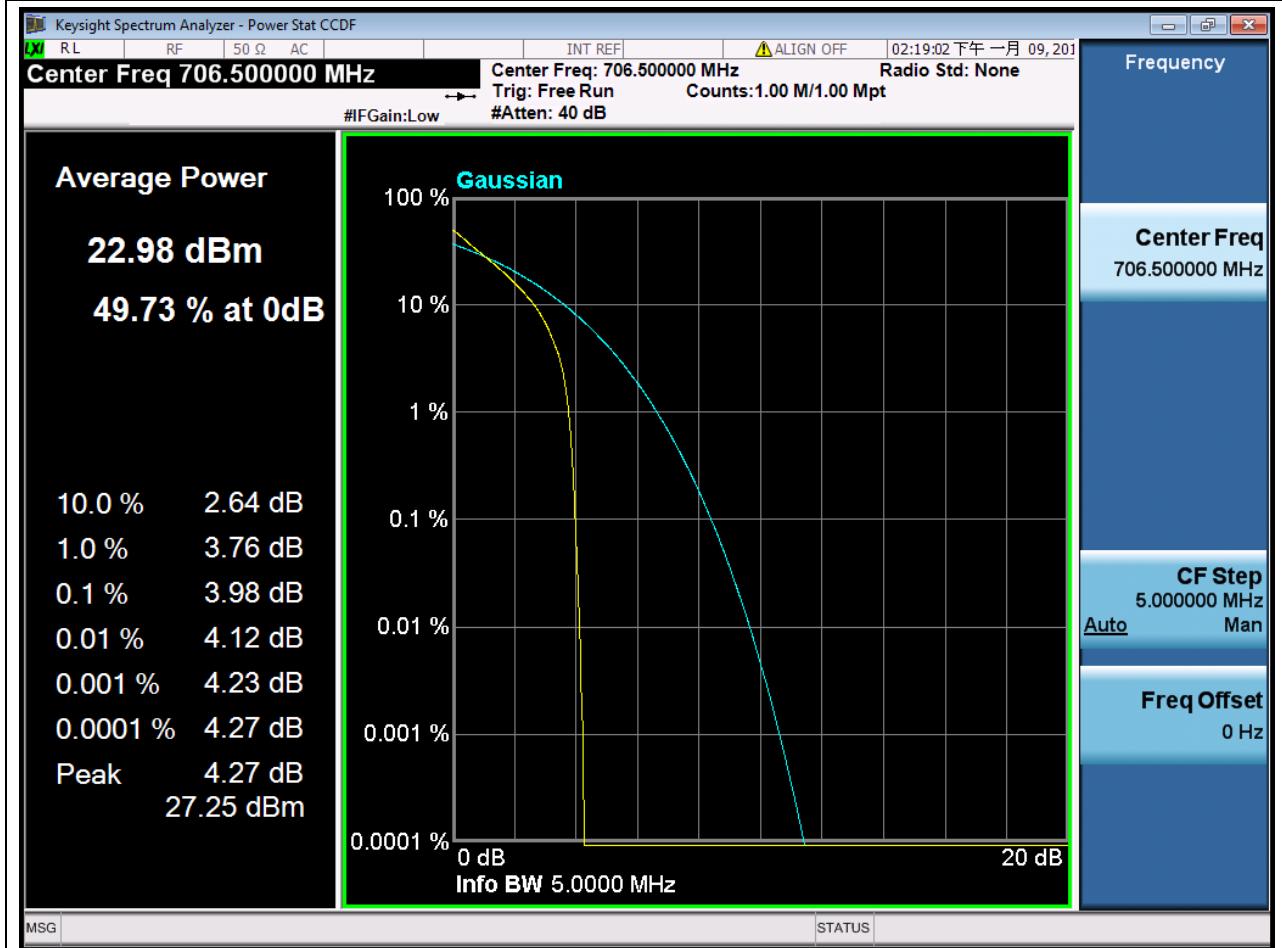


The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF analysis. The main window displays a Gaussian probability distribution curve on a log-linear scale. The x-axis represents power in dB (from 0 dB to 20 dB) and the y-axis represents percentage (from 0.0001 % to 100 %). A yellow step function indicates the measured power distribution, which closely follows the Gaussian curve. The center frequency is set to 706.500000 MHz. The average power is listed as 23.06 dBm, and the PAR percent at 0 dB is 48.98 %. Other parameters shown include #IFGain:Low, Trig: Free Run, Counts: 1.00 M/1.00 Mpt, and #Atten: 40 dB.

Parameter	Value
10.0 %	2.62 dB
1.0 %	3.75 dB
0.1 %	3.94 dB
0.01 %	4.03 dB
0.001 %	4.10 dB
0.0001 %	4.13 dB
Peak	4.21 dB
	27.27 dBm

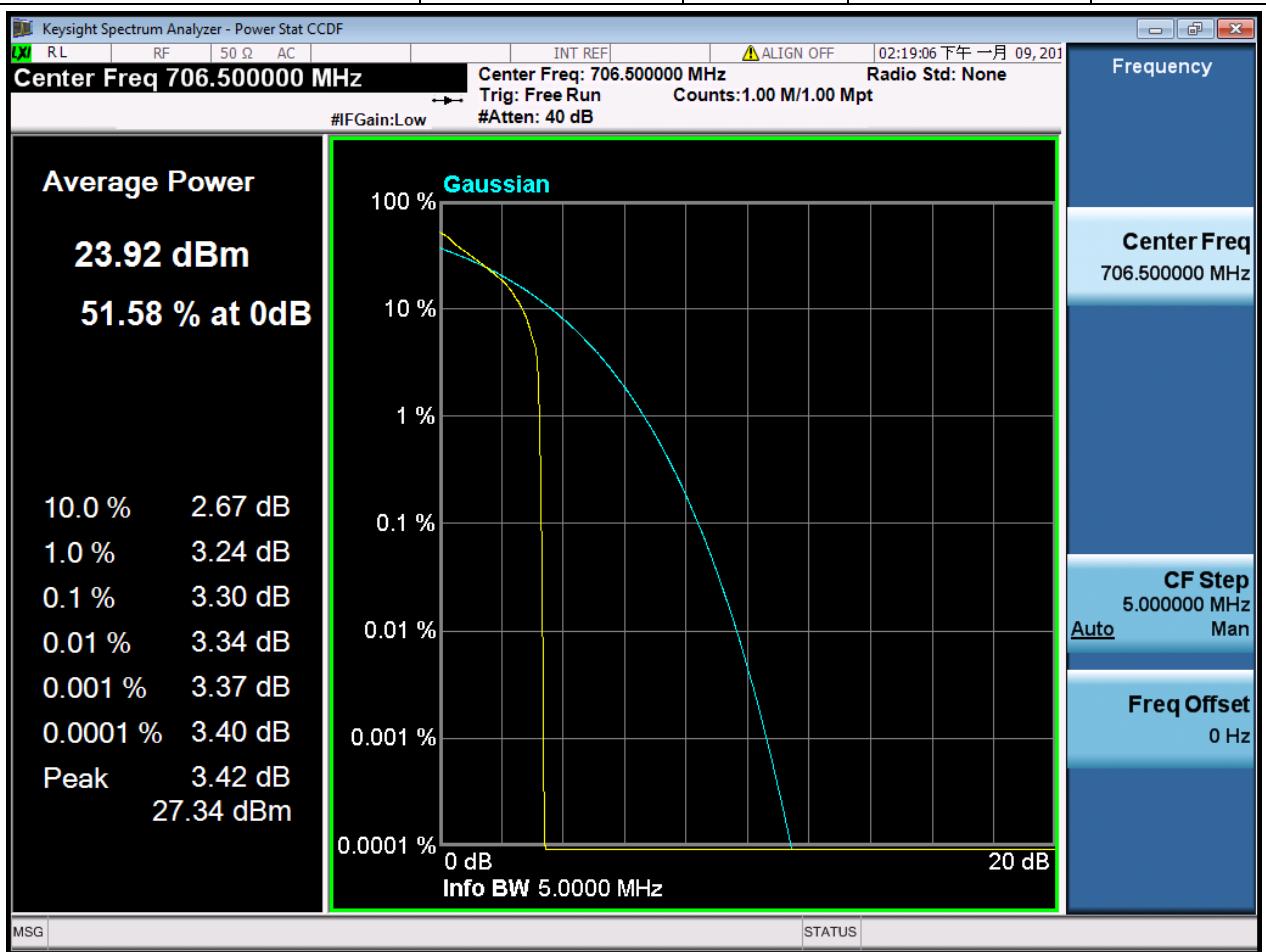
1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	3.98	13	Pass



1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

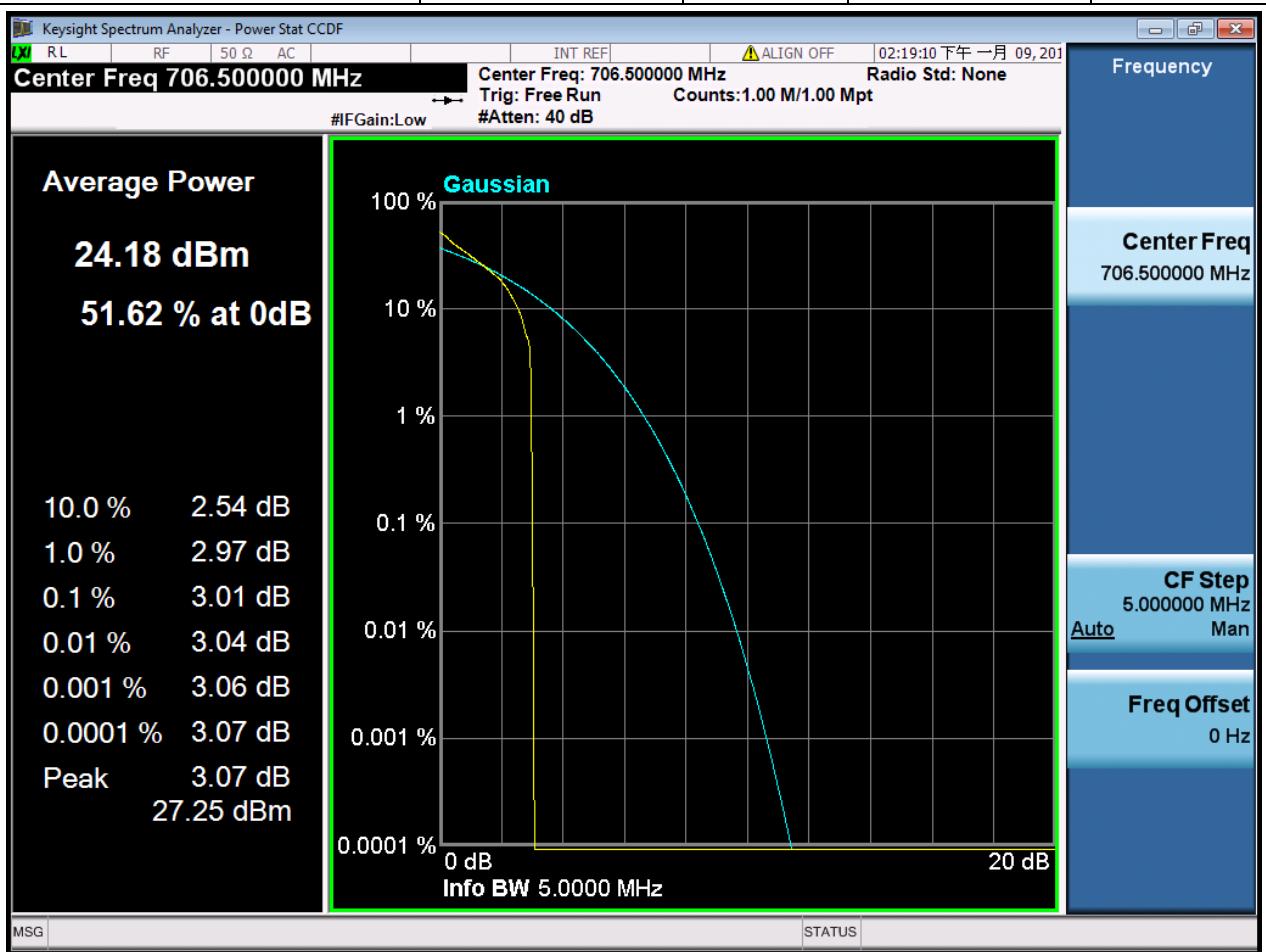
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	3.3	13	Pass



The screenshot shows the Keysight Spectrum Analyzer software interface for a Power Stat CCDF analysis. The main window displays a Gaussian probability distribution curve on a log-linear scale. The x-axis represents power in dB, ranging from 0 dB to 20 dB. The y-axis represents percentage, ranging from 0.0001 % to 100 %. A yellow vertical line marks the peak power at 27.34 dBm. The plot title is "Gaussian". The status bar at the bottom indicates "Info BW 5.0000 MHz". The left panel shows average power statistics: 23.92 dBm and 51.58 % at 0 dB. The right panel shows frequency settings: Center Freq 706.500000 MHz, CF Step 5.000000 MHz, and Freq Offset 0 Hz.

1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	3.01	13	Pass



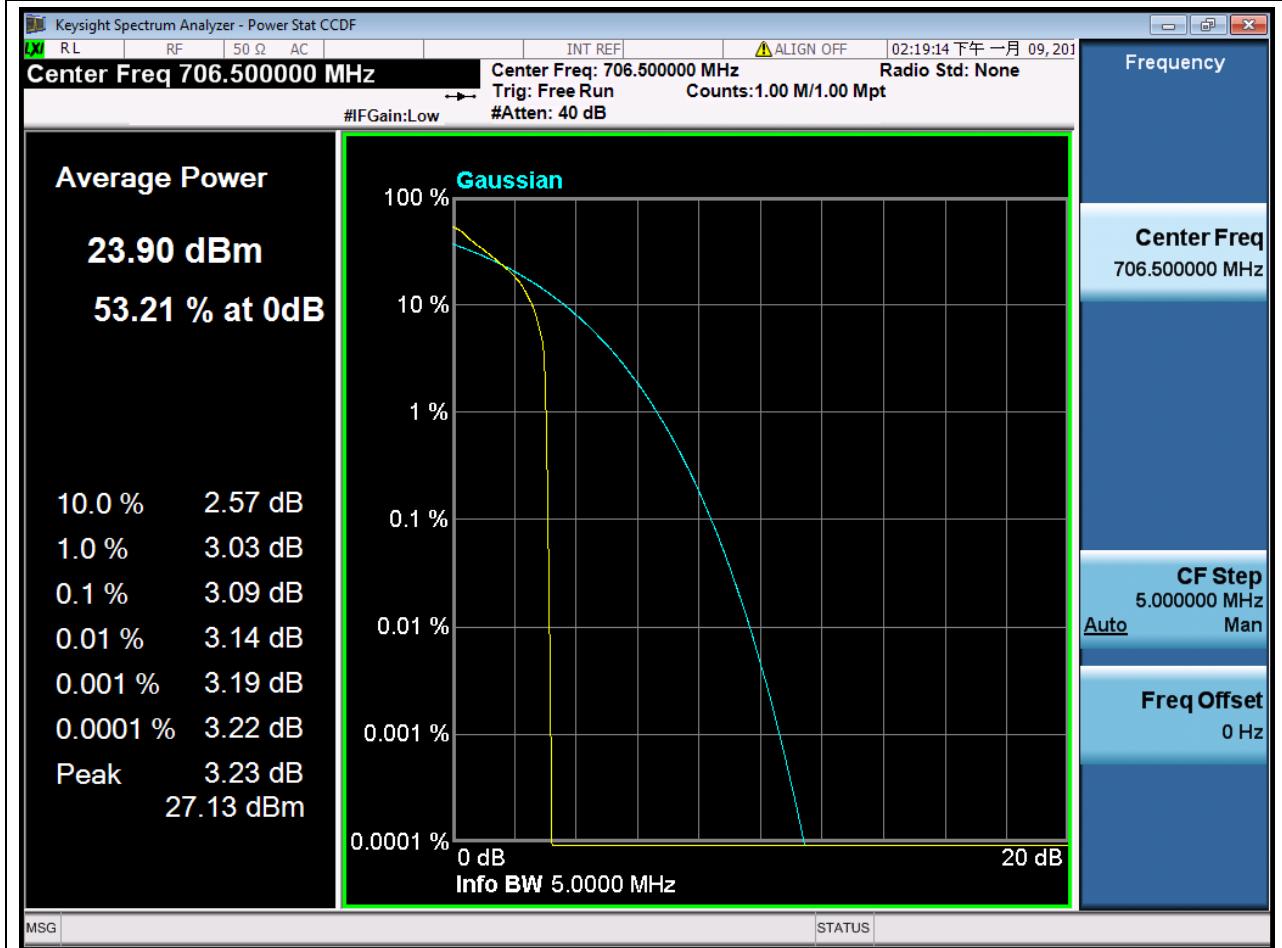
The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF analysis. The main window displays a Gaussian probability distribution curve on a log-linear scale. The x-axis represents power in dB (from 0 dB to 20 dB) and the y-axis represents percentage (from 0.0001 % to 100 %). A vertical yellow line marks the peak power at 27.25 dBm. The plot is titled "Gaussian". The status bar at the bottom indicates "Info BW 5.0000 MHz". On the left, a summary table provides detailed PAR statistics:

Average Power	24.18 dBm
51.62 % at 0dB	
10.0 %	2.54 dB
1.0 %	2.97 dB
0.1 %	3.01 dB
0.01 %	3.04 dB
0.001 %	3.06 dB
0.0001 %	3.07 dB
Peak	3.07 dB
	27.25 dBm

On the right side of the interface, there are three vertical panels: "Frequency" (showing Center Freq 706.500000 MHz), "CF Step" (set to 5.000000 MHz), and "Freq Offset" (set to 0 Hz).

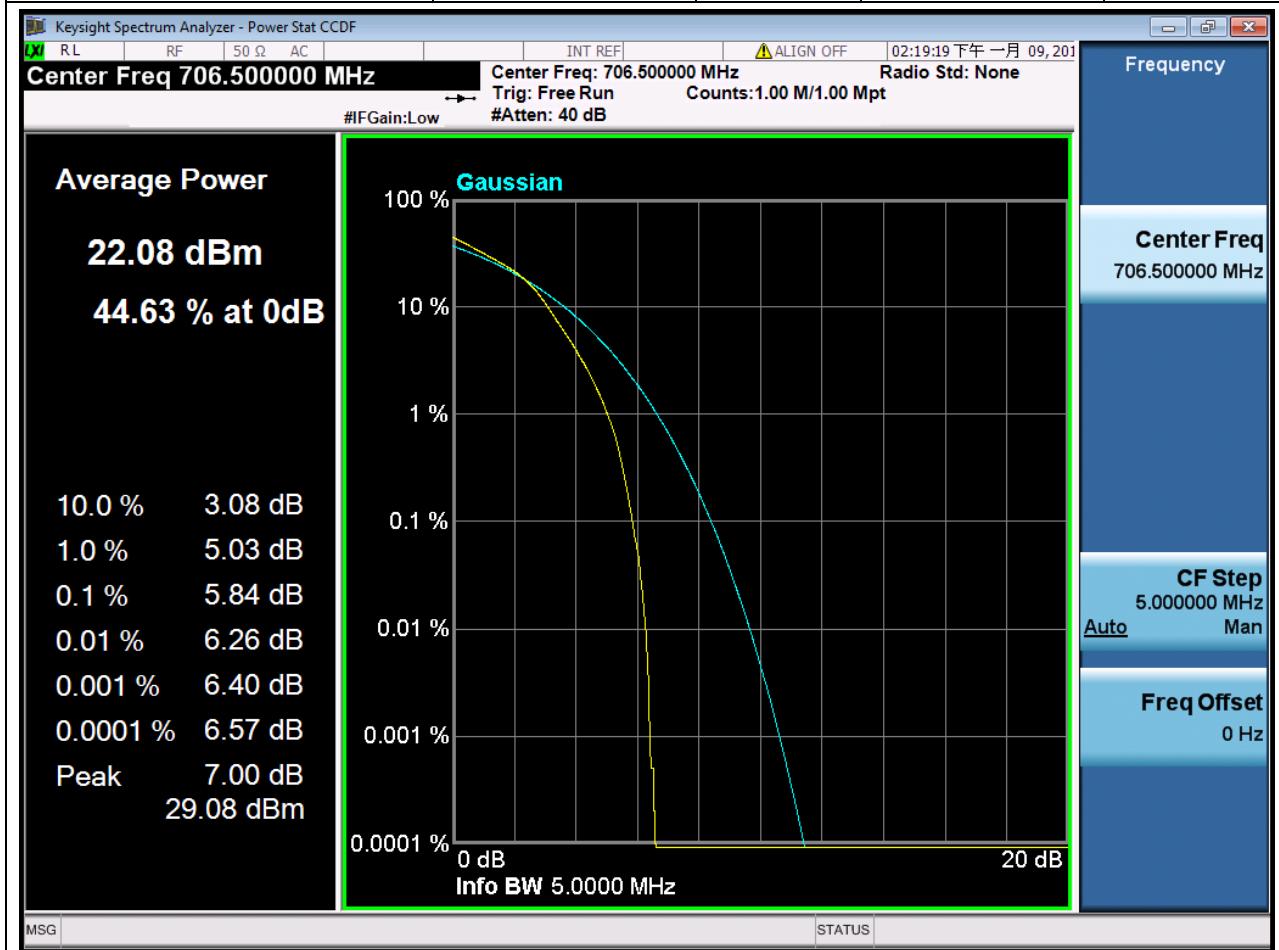
1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	3.09	13	Pass



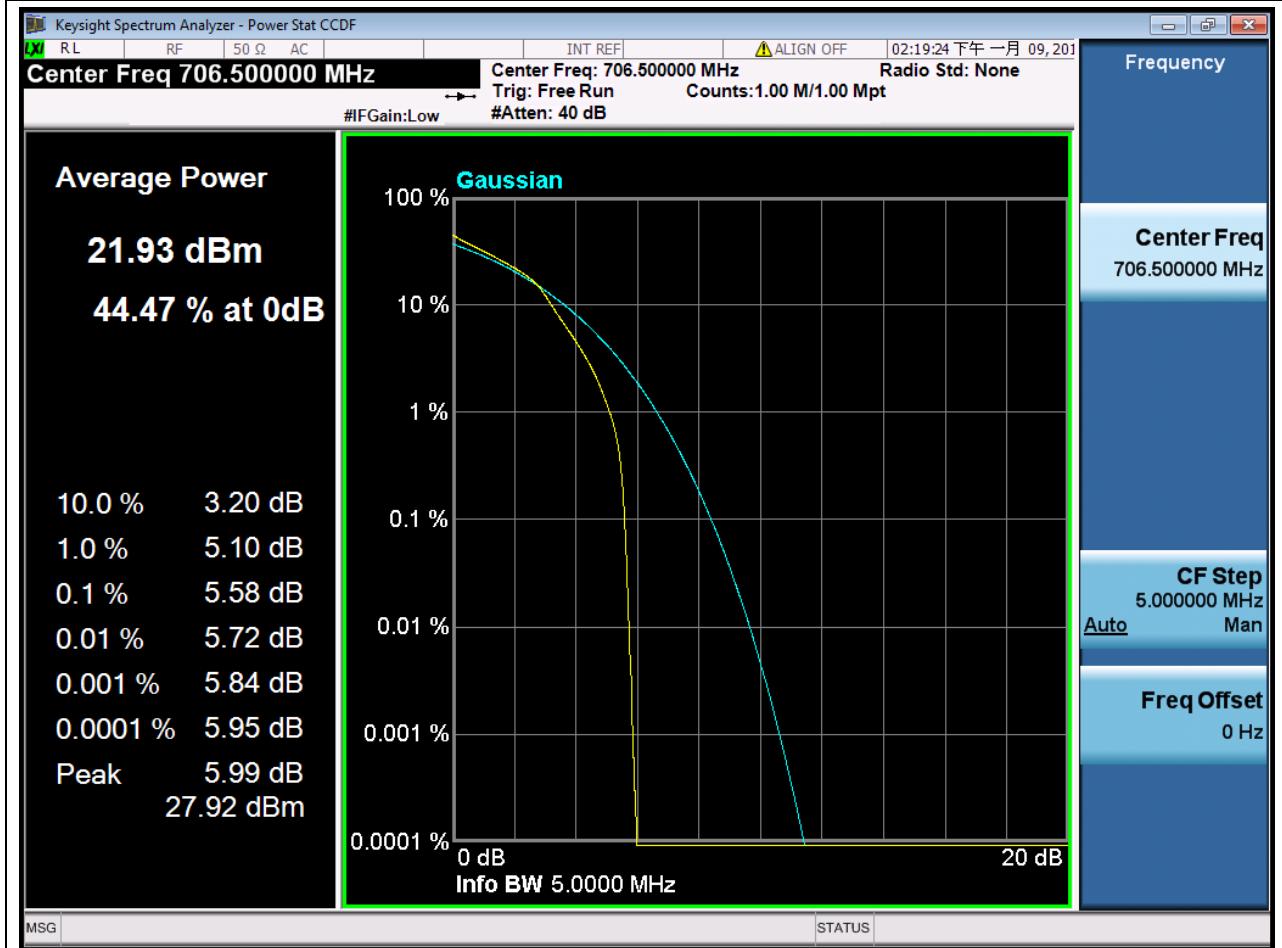
1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	5.84	13	Pass



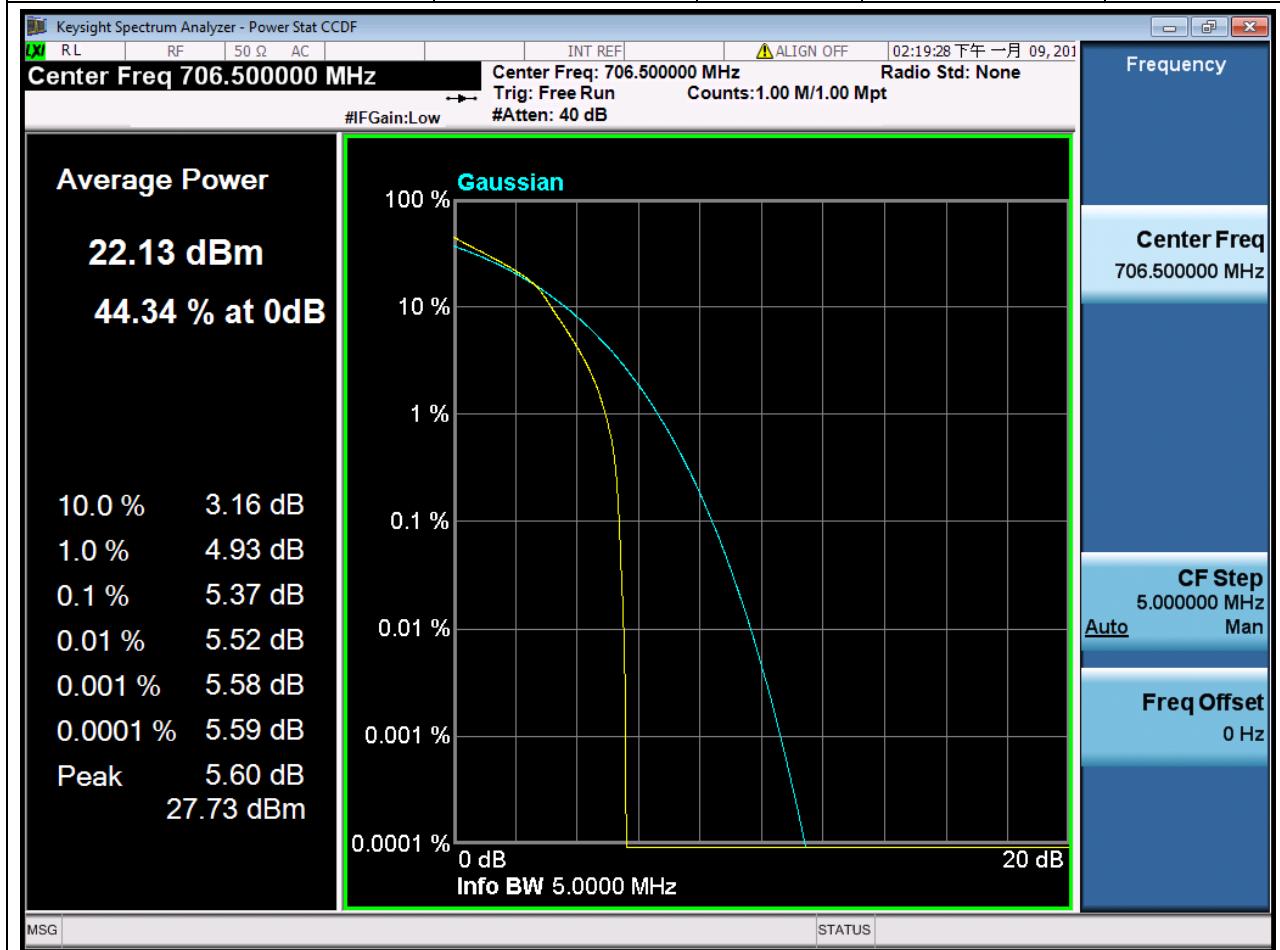
1.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	5.58	13	Pass



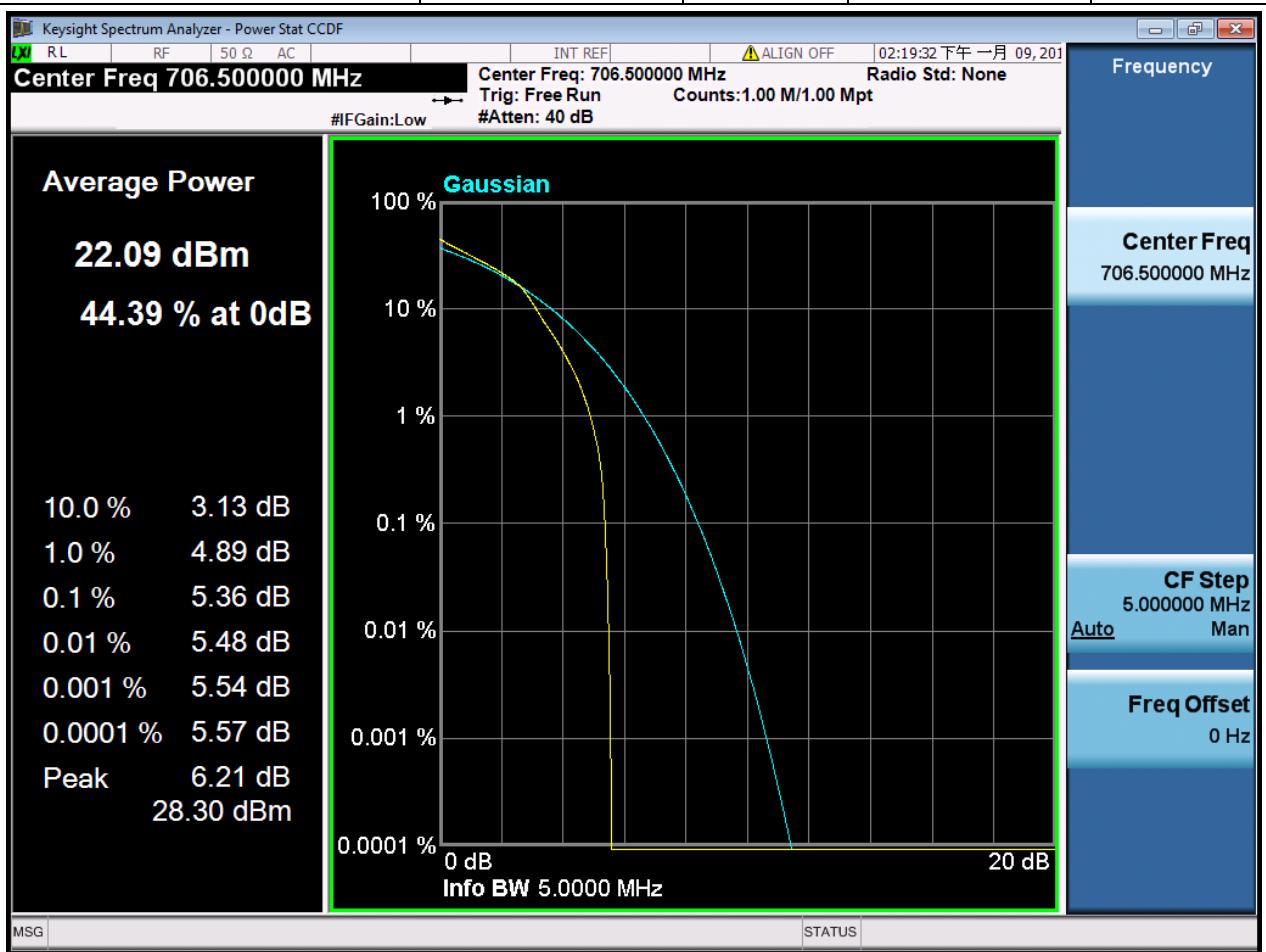
1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	5.37	13	Pass



1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	5.36	13	Pass



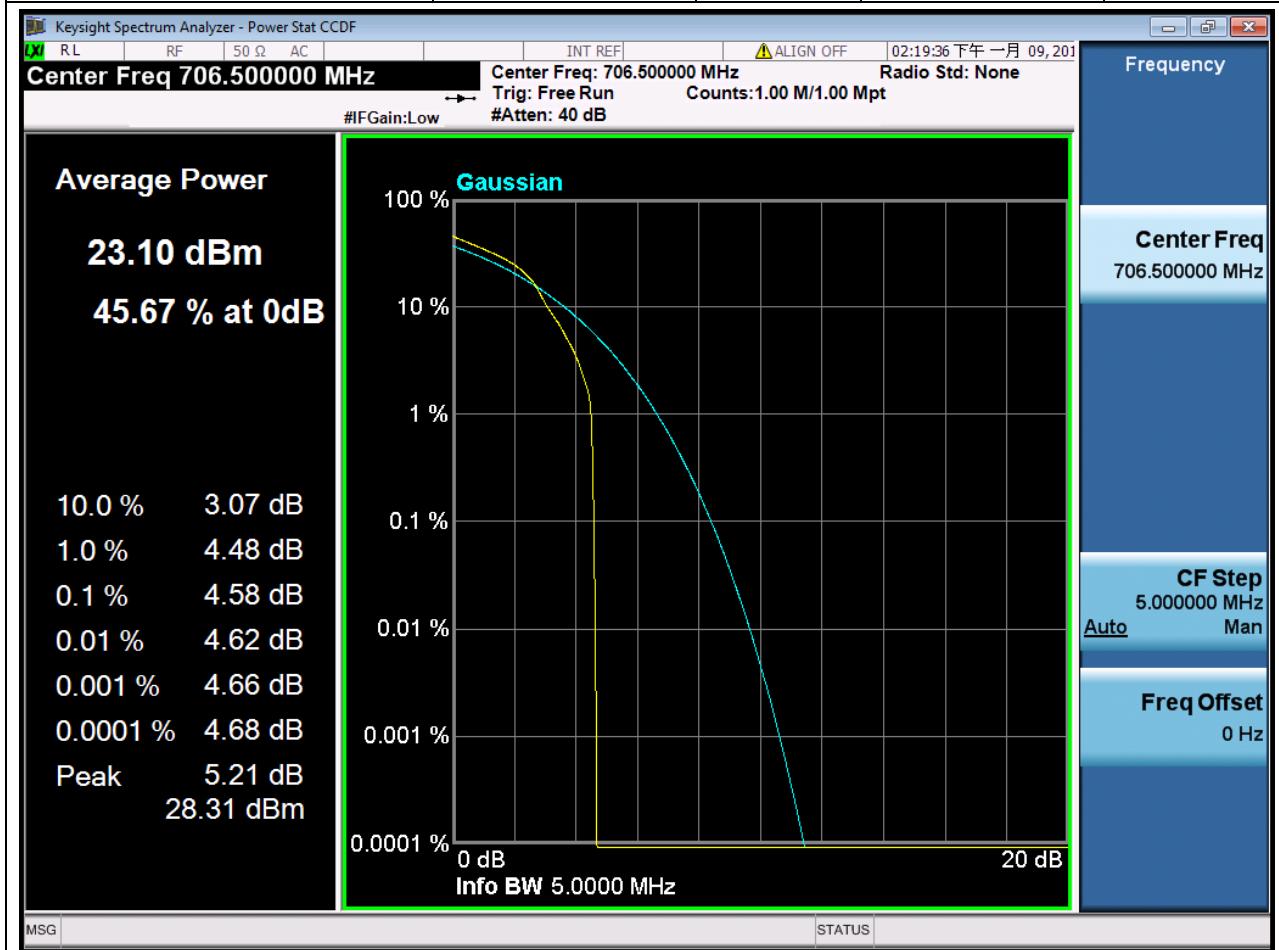
The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF analysis. The main plot displays a Gaussian fit curve over a CCDF graph. The y-axis is labeled 'Gaussian' and ranges from 0.0001 % to 100 %. The x-axis is labeled 'Info BW 5.0000 MHz' and ranges from 0 dB to 20 dB. A yellow stepped line represents the measured data points. On the left, a summary table provides detailed power statistics:

Average Power	22.09 dBm
	44.39 % at 0dB
10.0 %	3.13 dB
1.0 %	4.89 dB
0.1 %	5.36 dB
0.01 %	5.48 dB
0.001 %	5.54 dB
0.0001 %	5.57 dB
Peak	6.21 dB
	28.30 dBm

On the right, the 'Frequency' panel shows the center frequency as 706.500000 MHz. Other panels show 'CF Step' set to 5.000000 MHz and 'Freq Offset' set to 0 Hz.

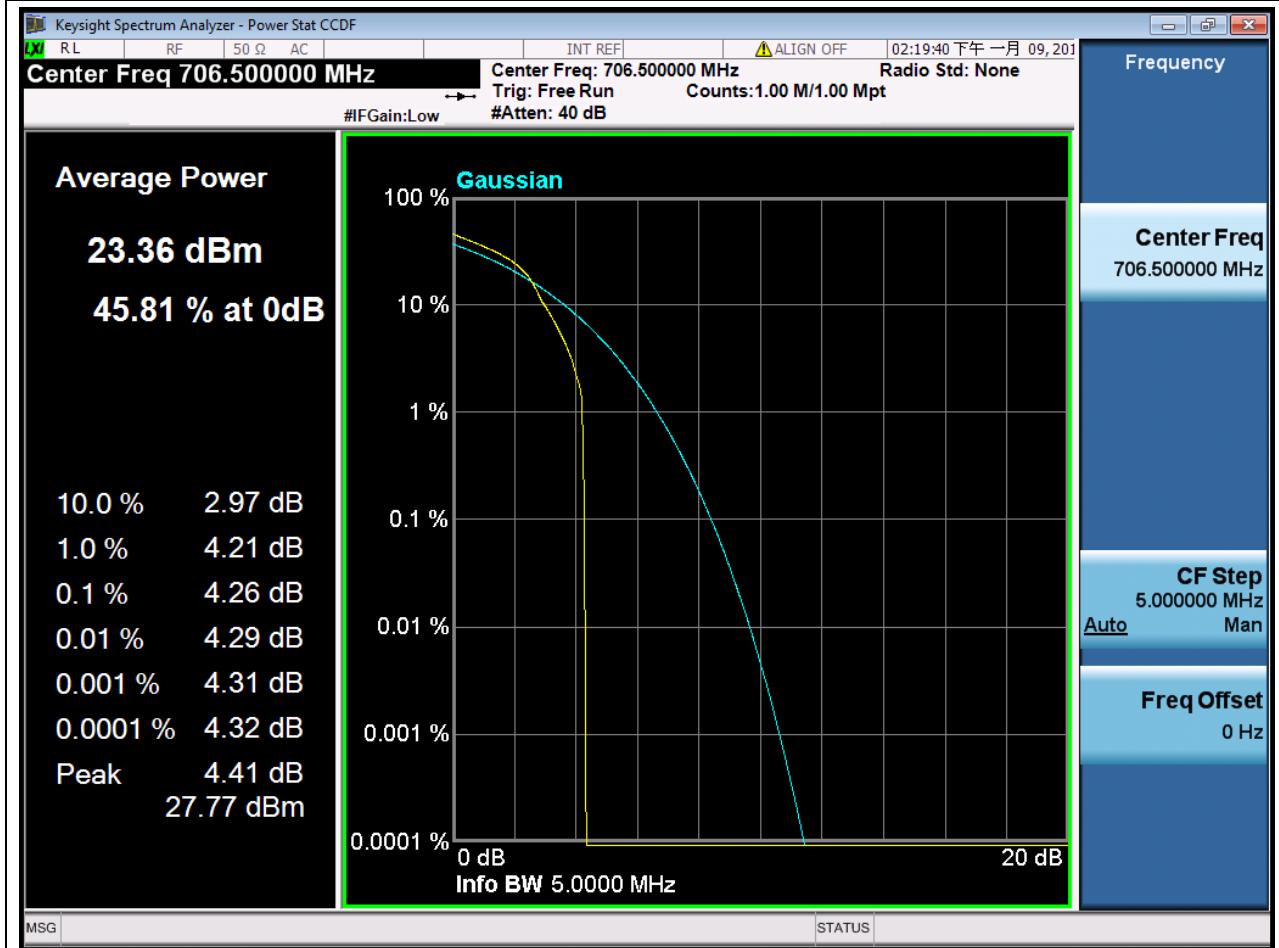
1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	4.58	13	Pass



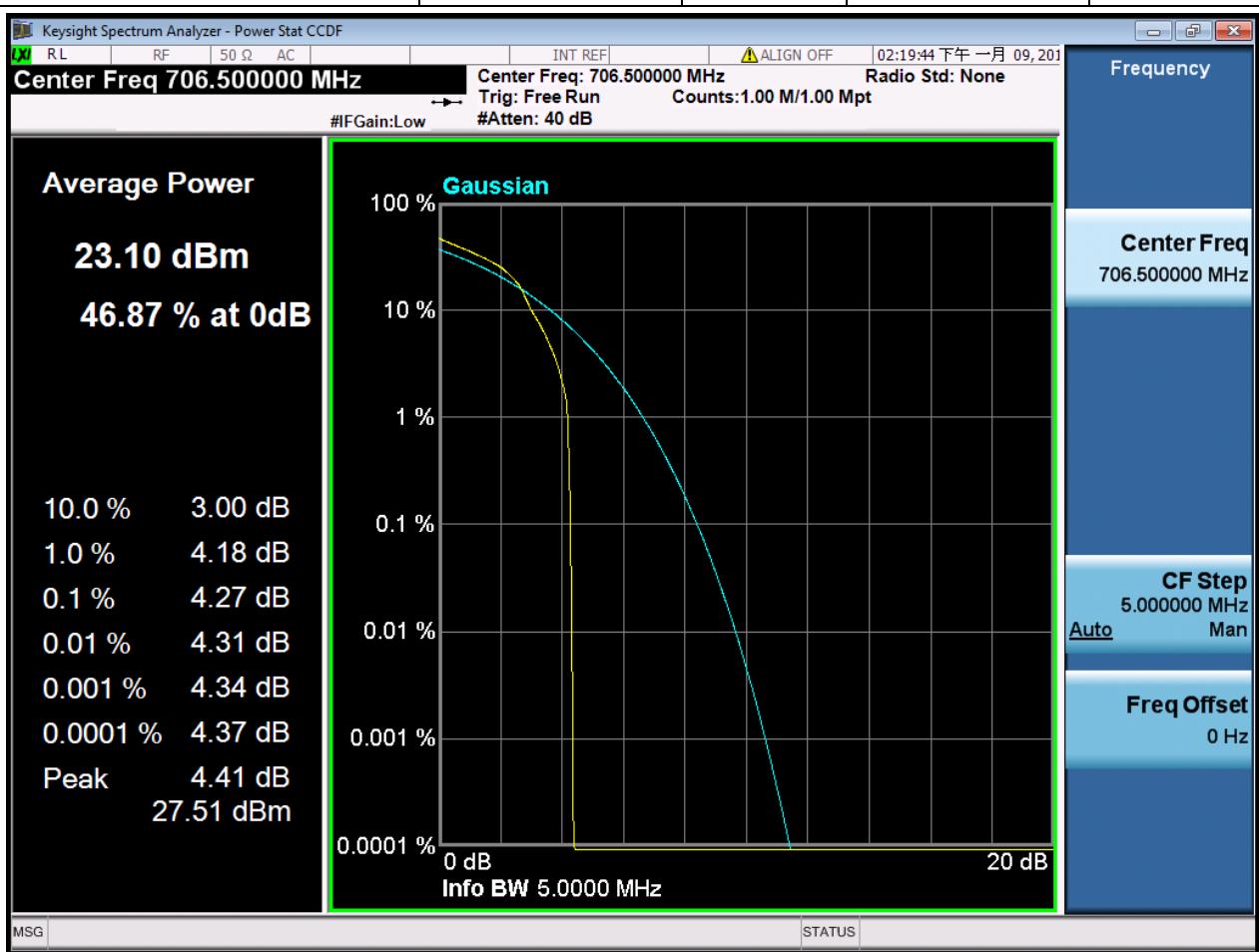
1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	4.26	13	Pass



1.14. LTE Peak to Average Ratio(NTNV)(Subtest:14, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	4.27	13	Pass



1.15. LTE Peak to Average Ratio(NTNV)(Subtest:15, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	4.6	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:19:51 下午 一月 09, 201

Center Freq 710.000000 MHz Center Freq: 710.000000 MHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
22.94 dBm
49.69 % at 0dB

10.0 % 2.54 dB
1.0 % 3.95 dB
0.1 % 4.60 dB
0.01 % 4.97 dB
0.001 % 5.15 dB
0.0001 % 5.27 dB
Peak 5.30 dB
28.24 dBm

Gaussian



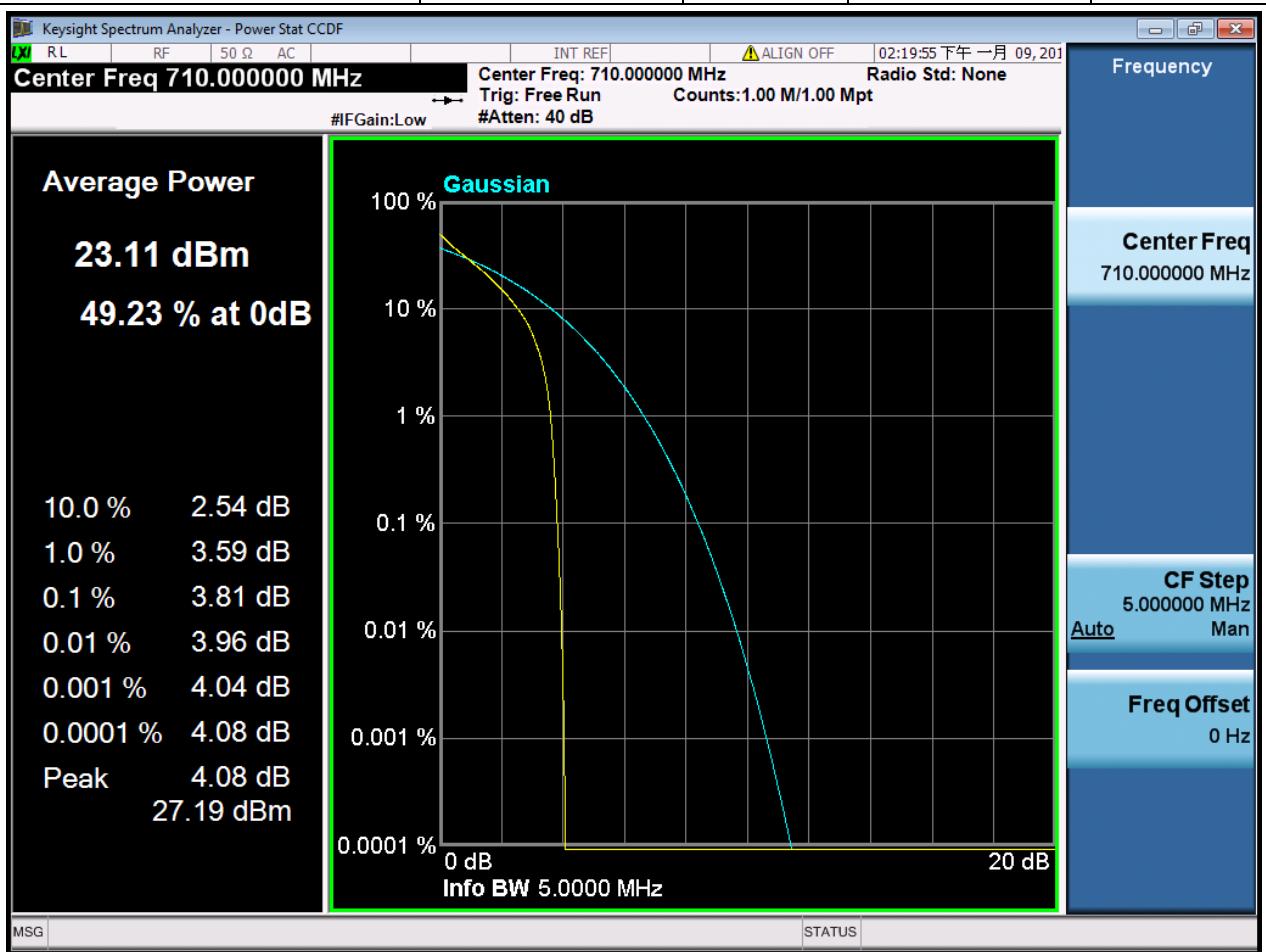
0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 710.000000 MHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.16. LTE Peak to Average Ratio(NTNV)(Subtest:16, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.81	13	Pass



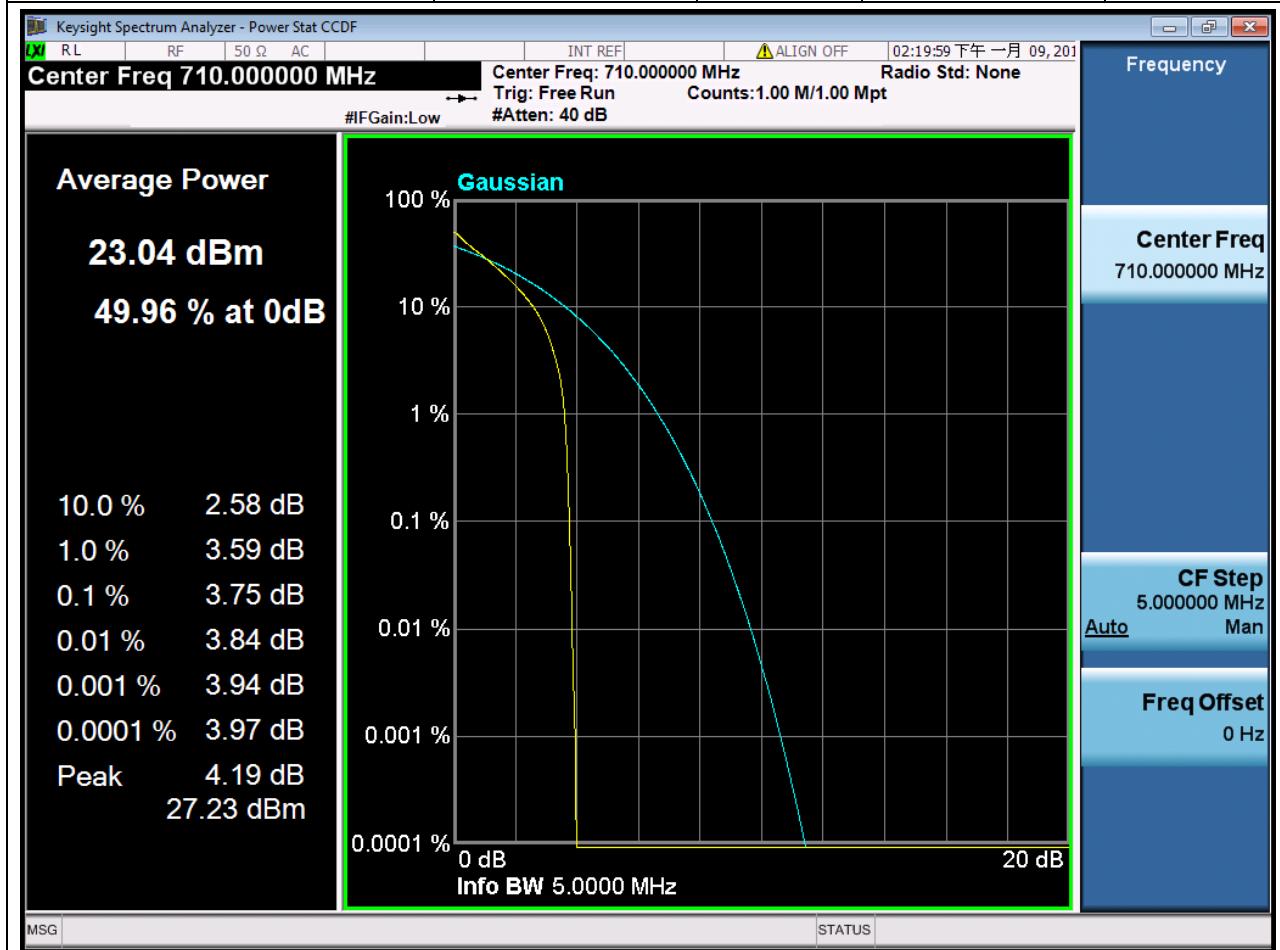
The screenshot shows the Keysight Spectrum Analyzer interface for a Power Stat CCDF analysis. The main window displays a Gaussian-shaped cumulative distribution curve on a log-linear scale. The x-axis represents power in dB (from 0 dB to 20 dB) and the y-axis represents percentage (from 0.0001% to 100%). A yellow vertical line marks the peak power at 27.19 dBm. The center frequency is set to 710.000000 MHz. The left panel provides detailed statistics:

Average Power	23.11 dBm
49.23 % at 0dB	
10.0 %	2.54 dB
1.0 %	3.59 dB
0.1 %	3.81 dB
0.01 %	3.96 dB
0.001 %	4.04 dB
0.0001 %	4.08 dB
Peak	4.08 dB
	27.19 dBm

The right panel shows configuration settings: Center Freq (710.000000 MHz), CF Step (5.000000 MHz), and Freq Offset (0 Hz). The status bar indicates the test was completed at 02:19:55 on January 09, 201.

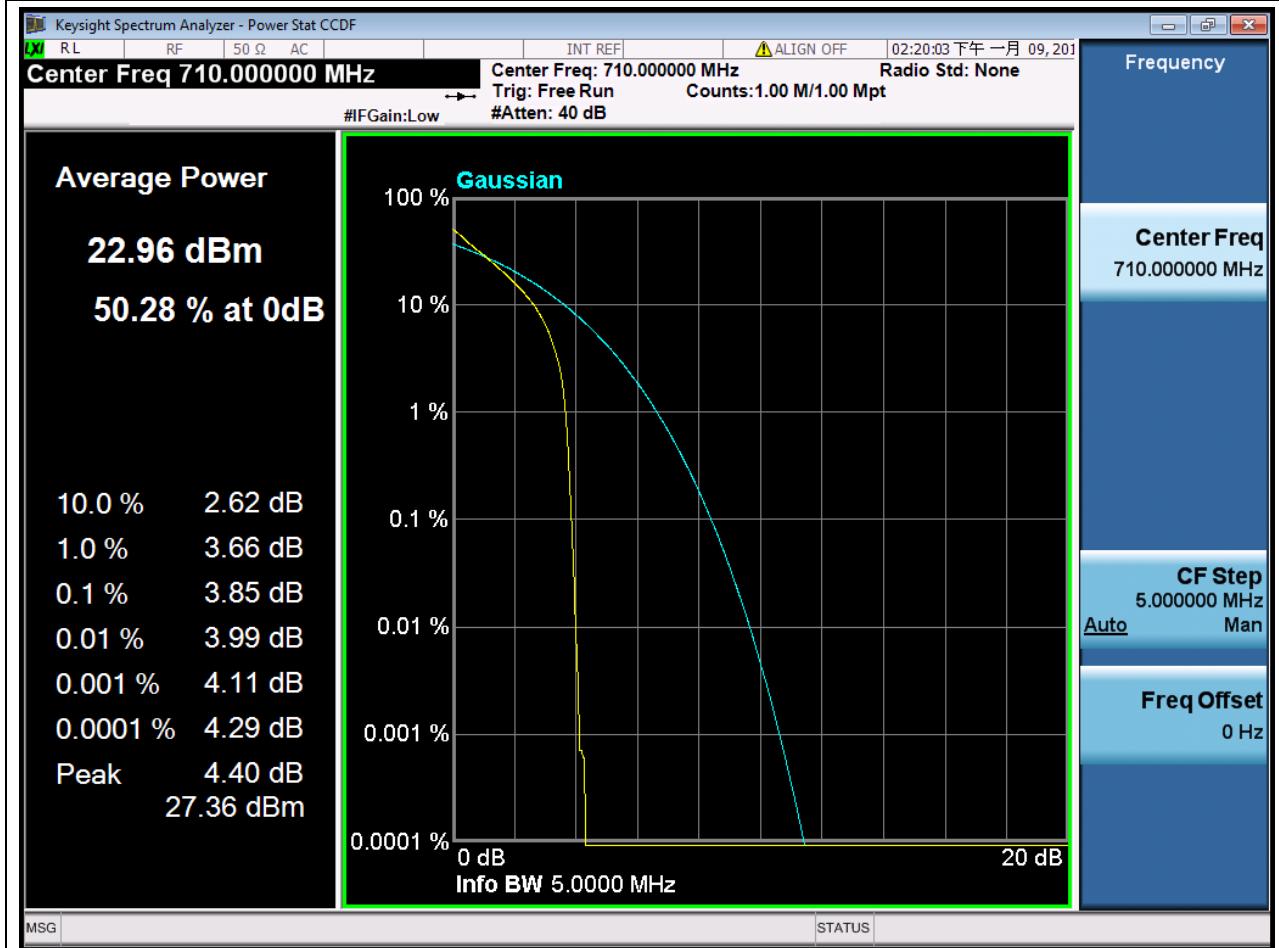
1.17. LTE Peak to Average Ratio(NTNV)(Subtest:17, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.75	13	Pass



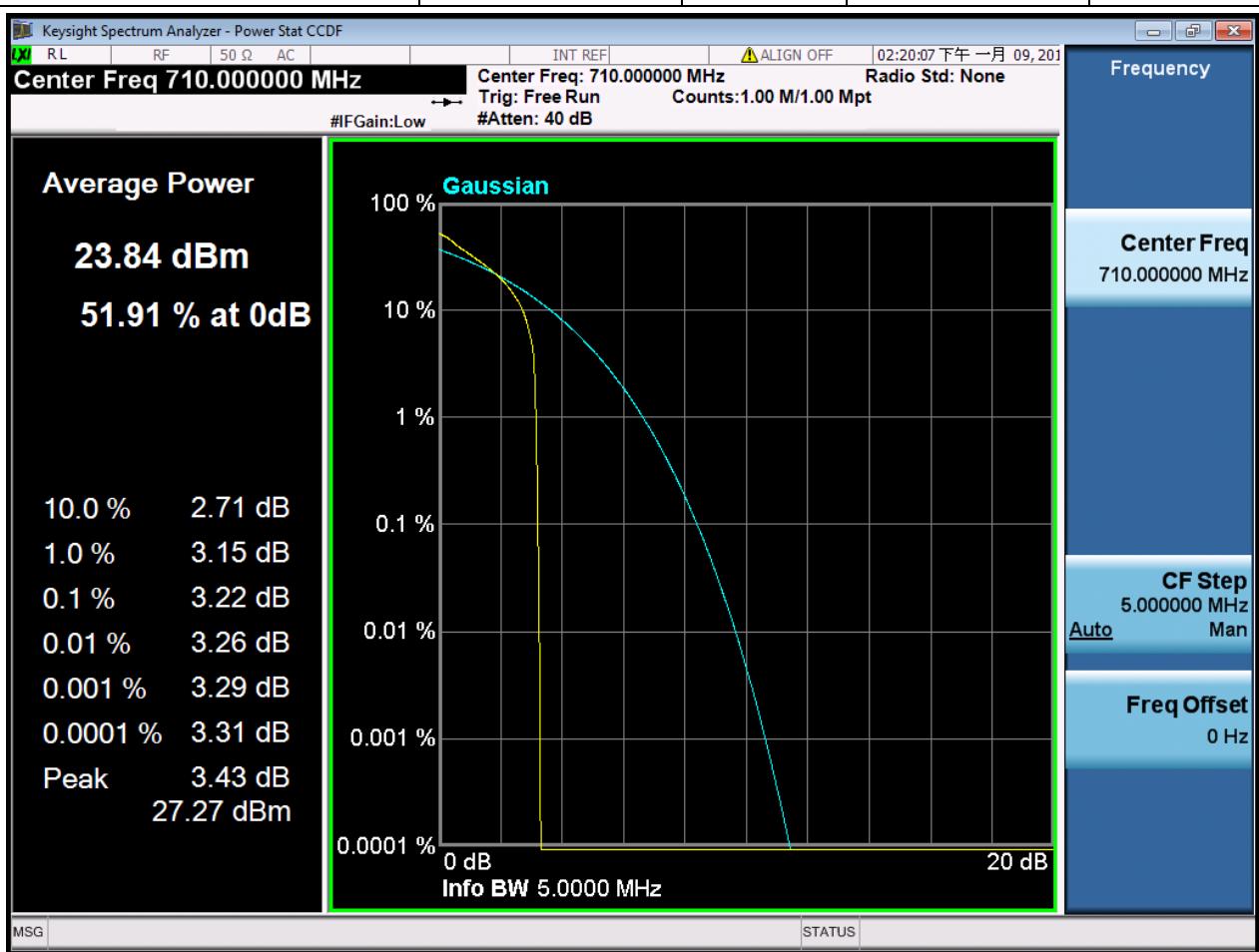
1.18. LTE Peak to Average Ratio(NTNV)(Subtest:18, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.85	13	Pass



1.19. LTE Peak to Average Ratio(NTNV)(Subtest:19, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

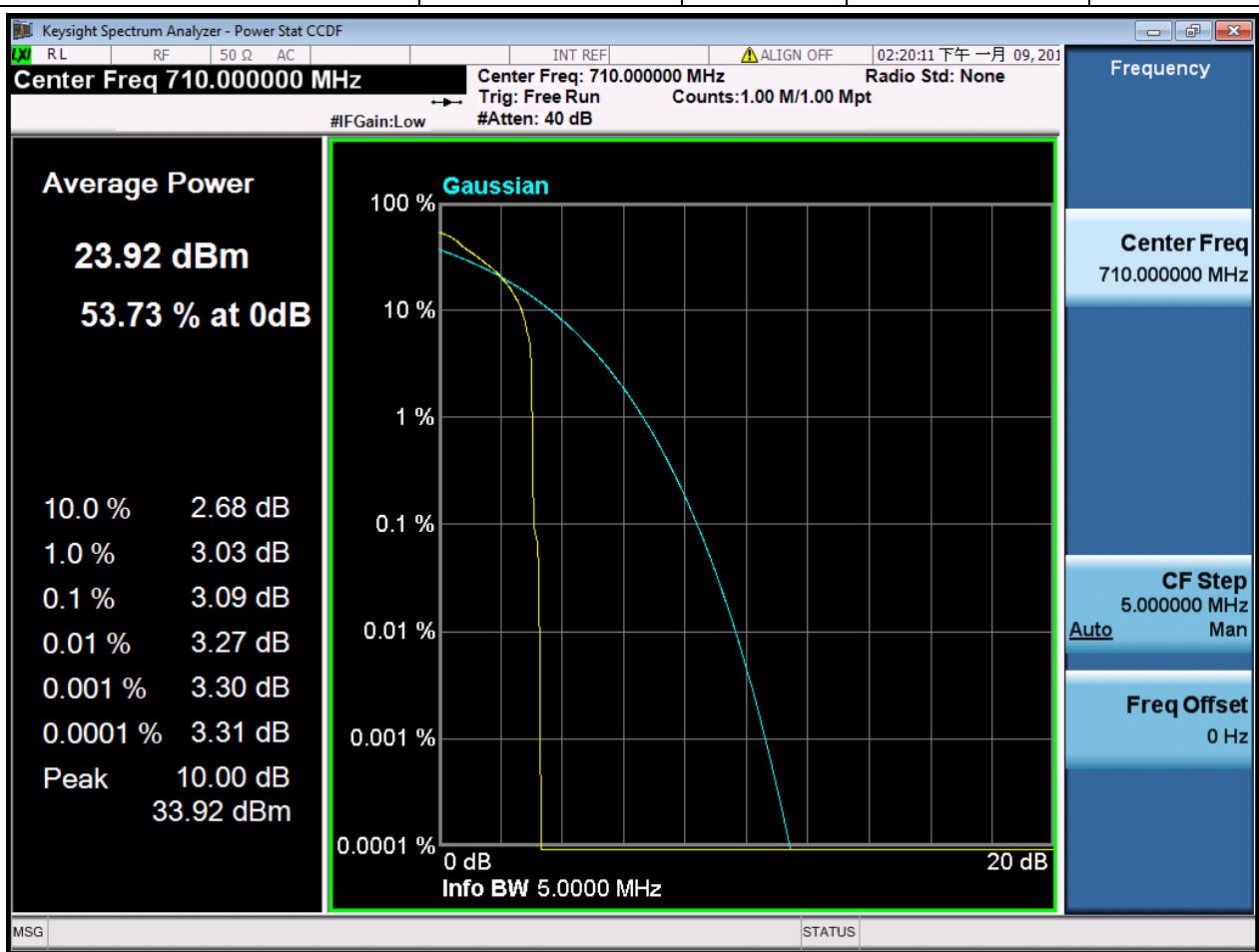
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.22	13	Pass



Power Level (%)	Power (dBm)
10.0 %	2.71 dB
1.0 %	3.15 dB
0.1 %	3.22 dB
0.01 %	3.26 dB
0.001 %	3.29 dB
0.0001 %	3.31 dB
Peak	3.43 dB
	27.27 dBm

1.20. LTE Peak to Average Ratio(NTNV)(Subtest:20, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.09	13	Pass

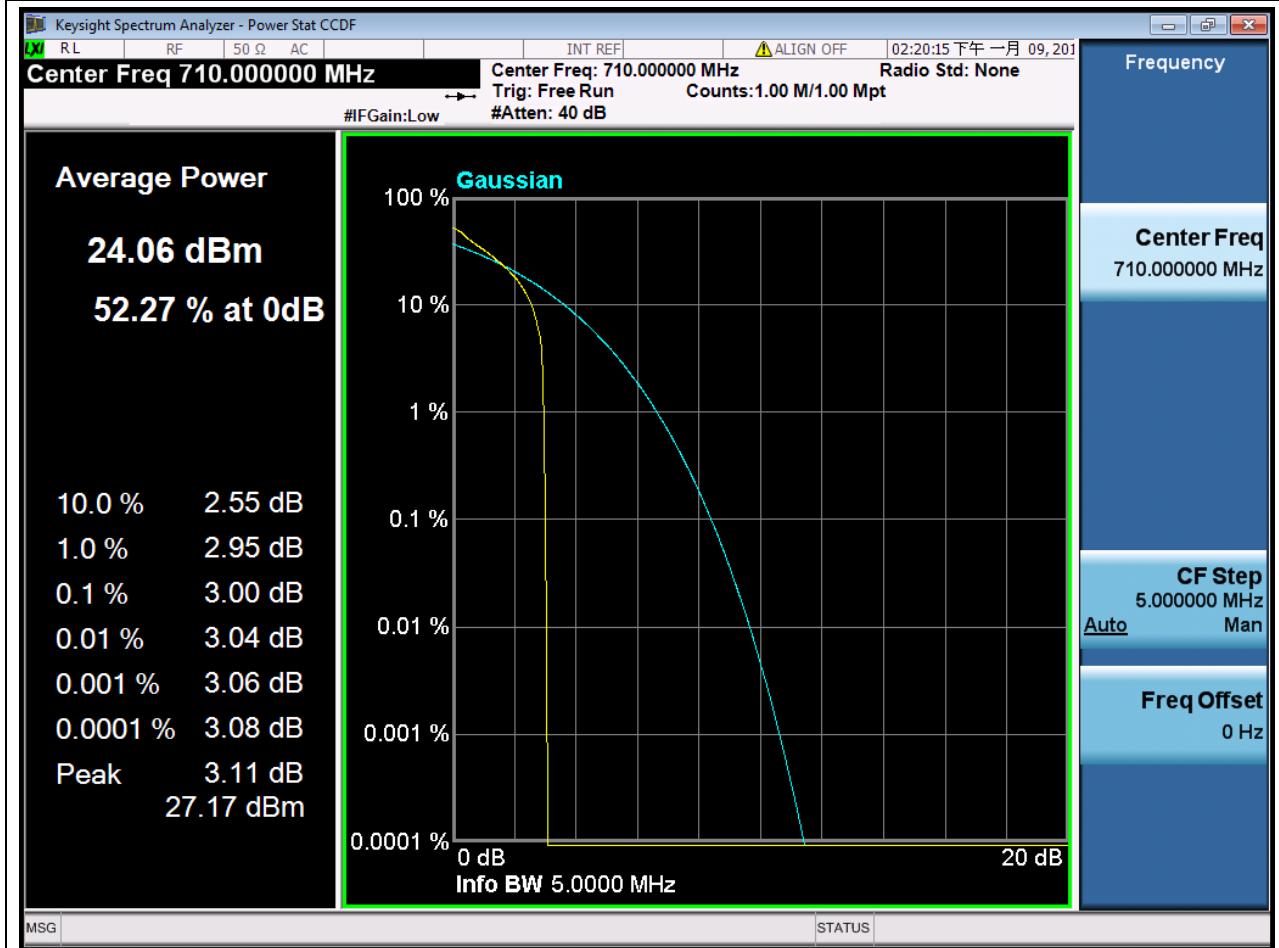


Average Power
23.92 dBm
53.73 % at 0dB

10.0 %	2.68 dB
1.0 %	3.03 dB
0.1 %	3.09 dB
0.01 %	3.27 dB
0.001 %	3.30 dB
0.0001 %	3.31 dB
Peak	10.00 dB 33.92 dBm

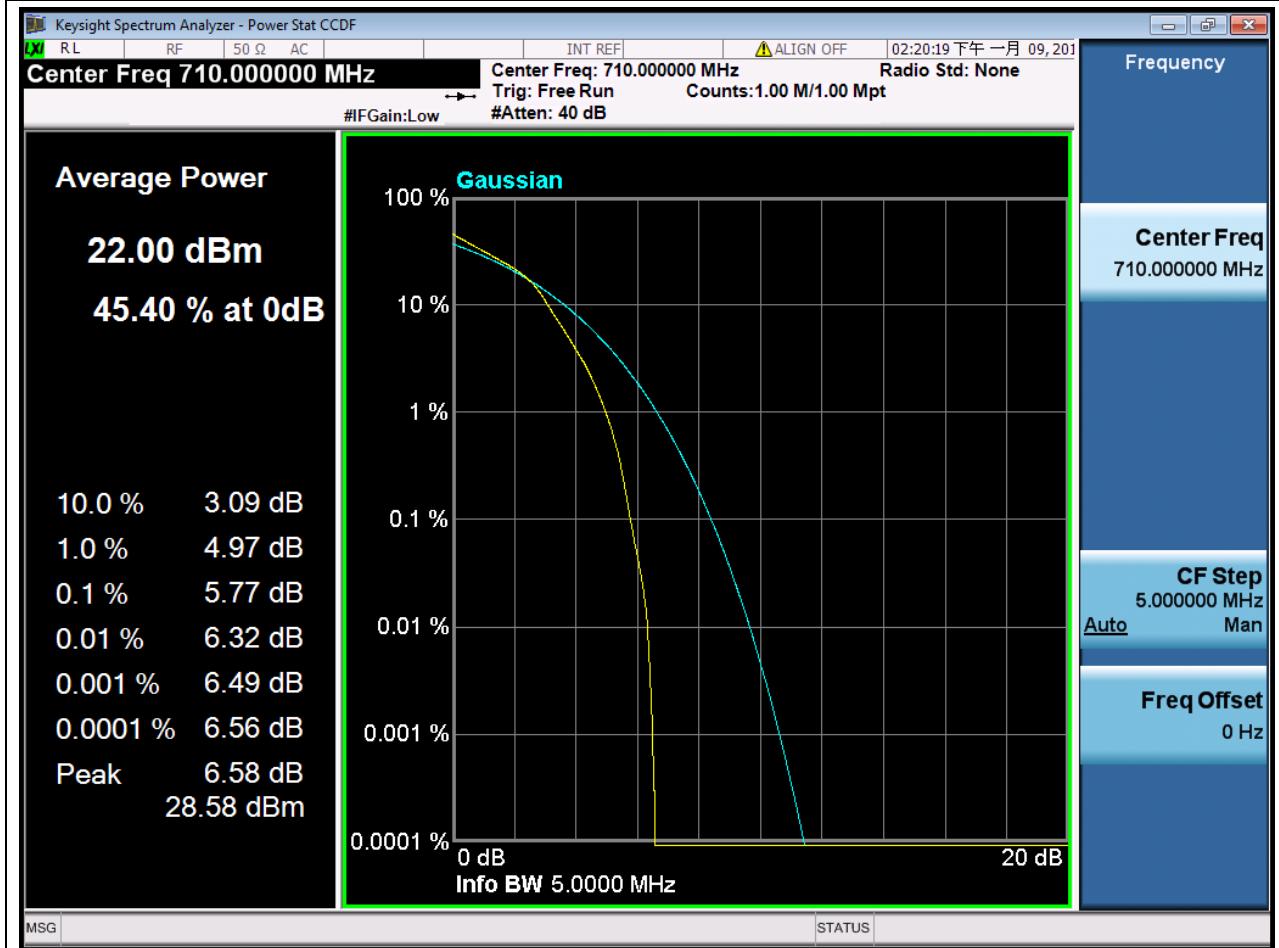
1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3	13	Pass



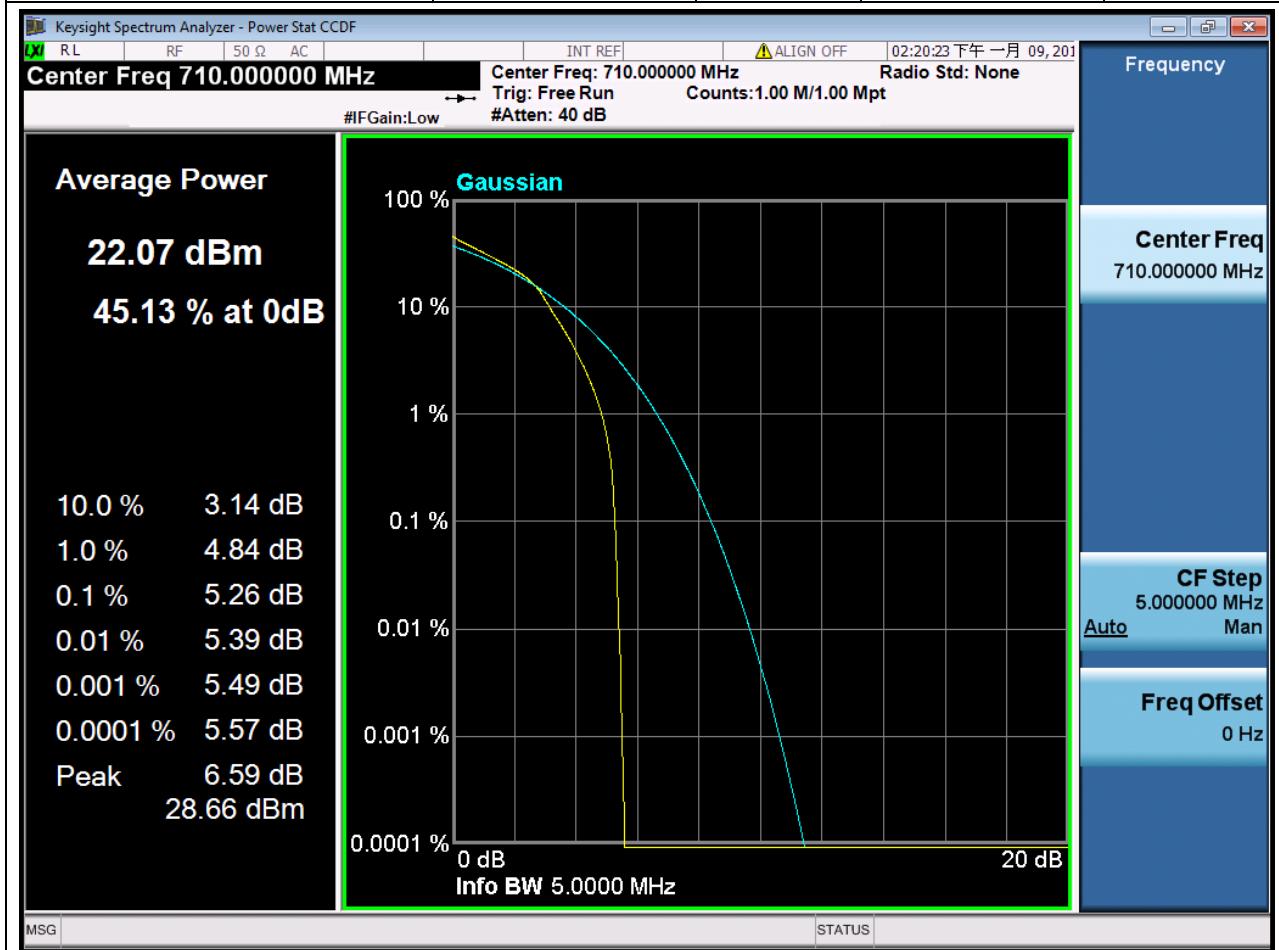
1.22. LTE Peak to Average Ratio(NTNV)(Subtest:22, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.77	13	Pass



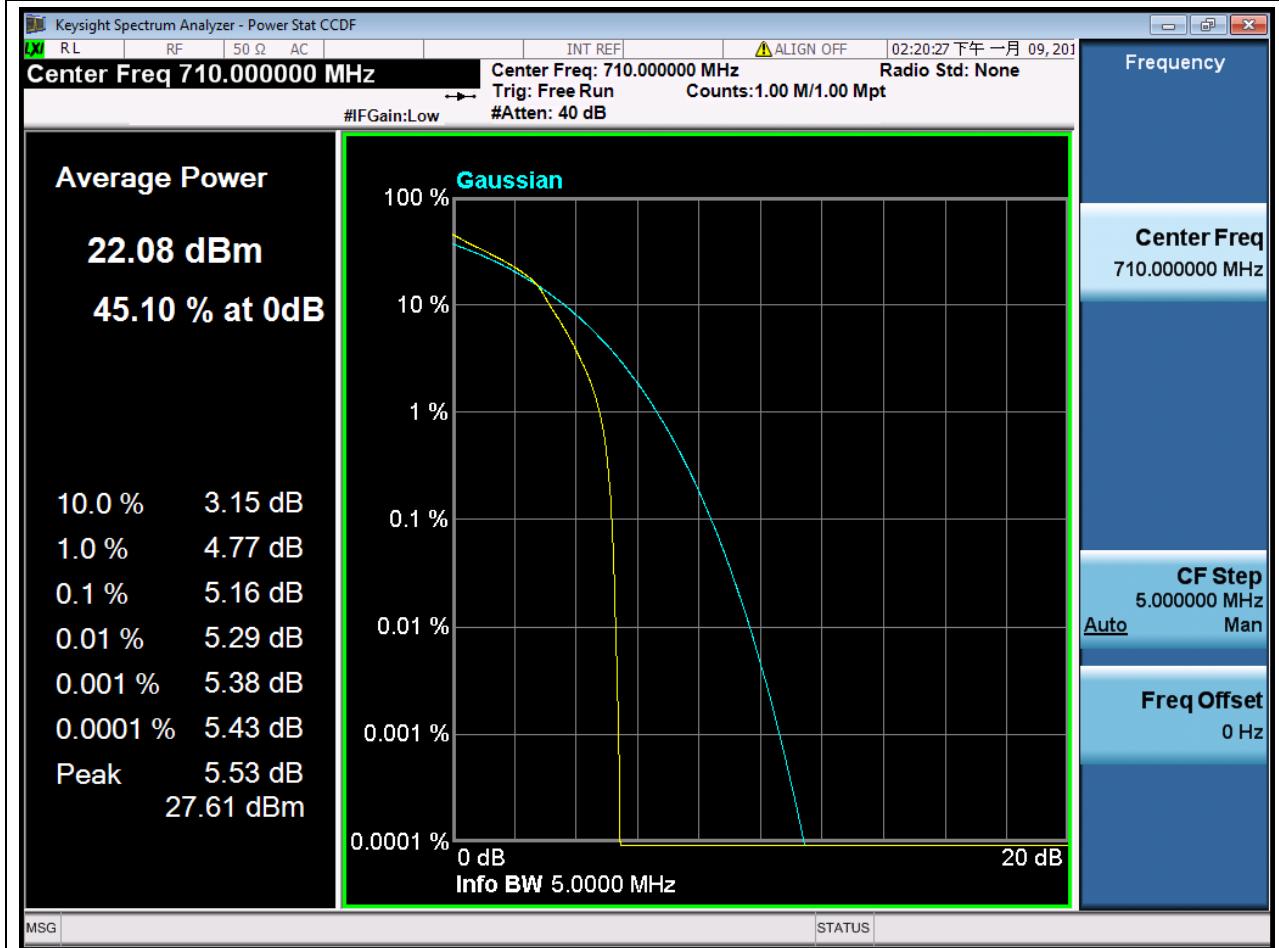
1.23. LTE Peak to Average Ratio(NTNV)(Subtest:23, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.26	13	Pass



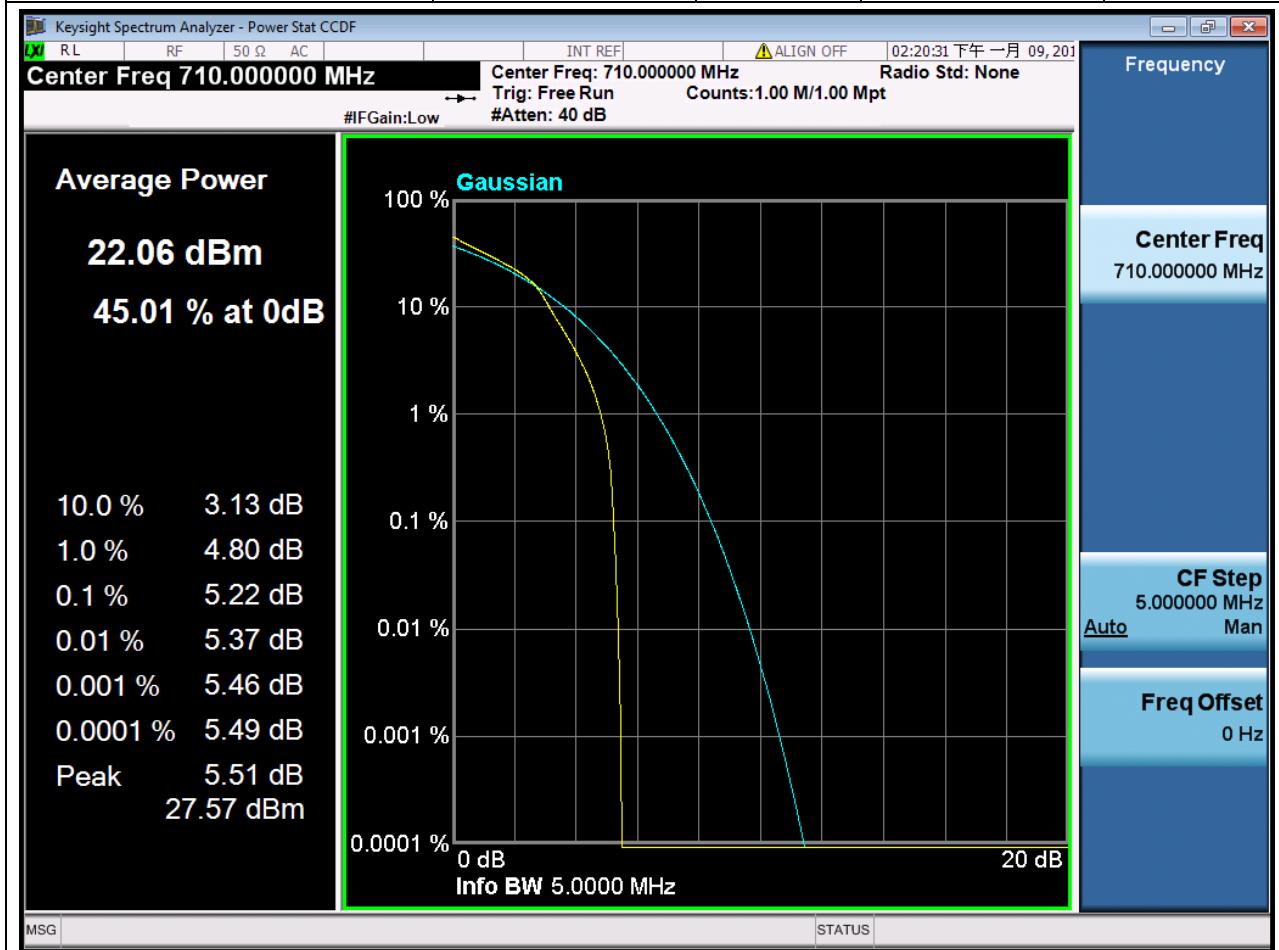
1.24. LTE Peak to Average Ratio(NTNV)(Subtest:24, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.16	13	Pass



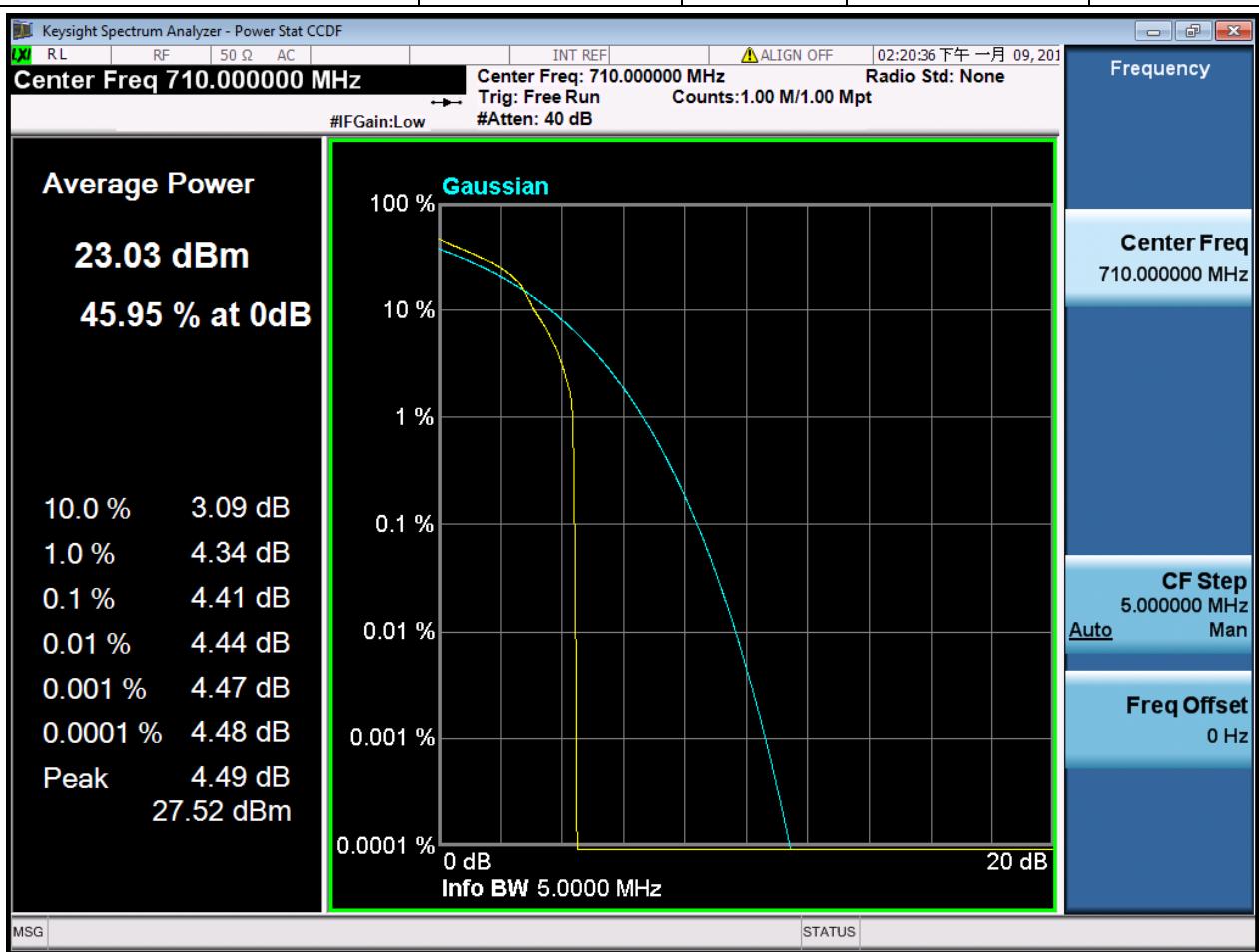
1.25. LTE Peak to Average Ratio(NTNV)(Subtest:25, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.22	13	Pass



1.26. LTE Peak to Average Ratio(NTNV)(Subtest:26, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	4.41	13	Pass

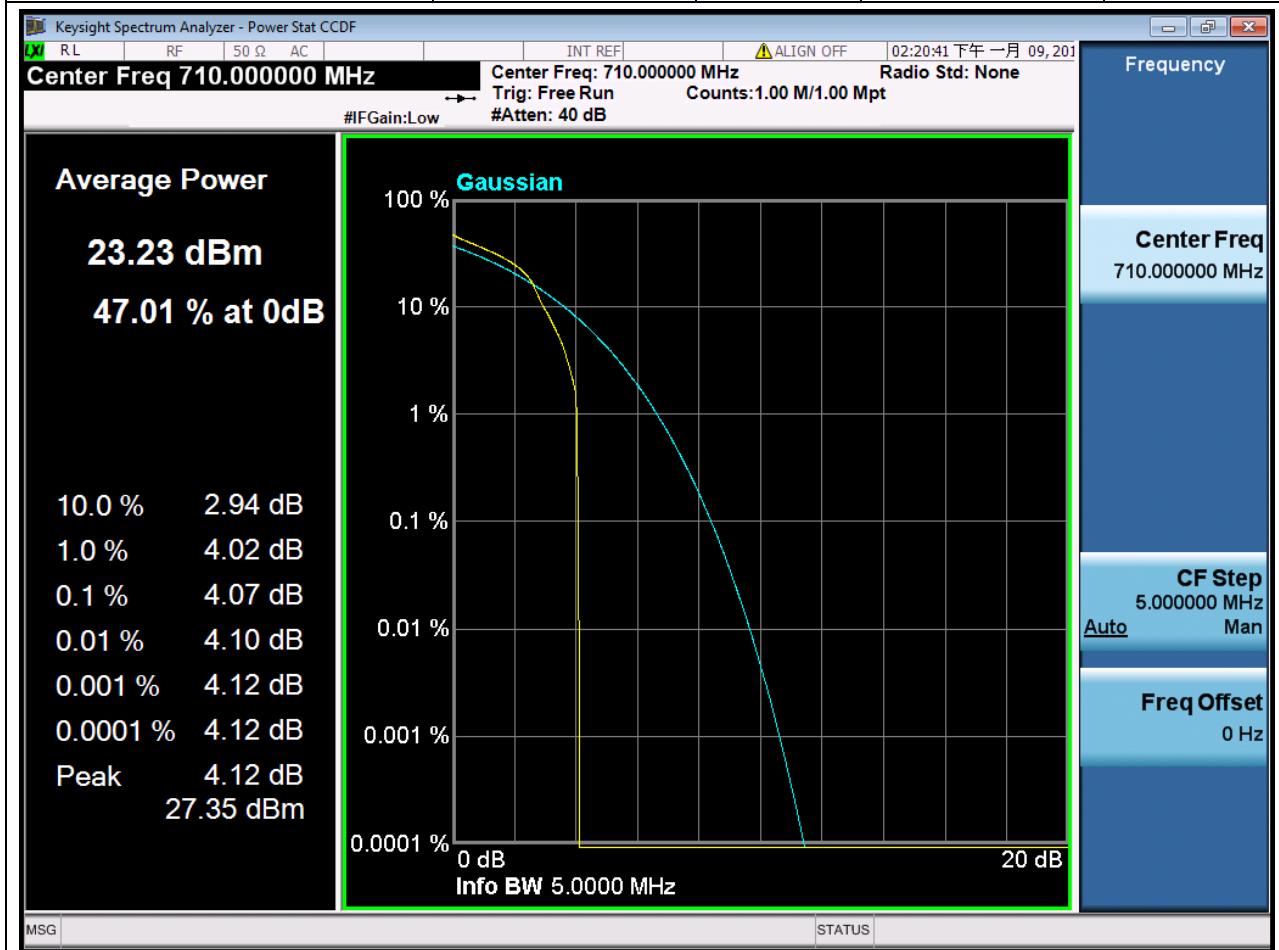


Average Power
23.03 dBm
45.95 % at 0dB

10.0 %	3.09 dB
1.0 %	4.34 dB
0.1 %	4.41 dB
0.01 %	4.44 dB
0.001 %	4.47 dB
0.0001 %	4.48 dB
Peak	4.49 dB
	27.52 dBm

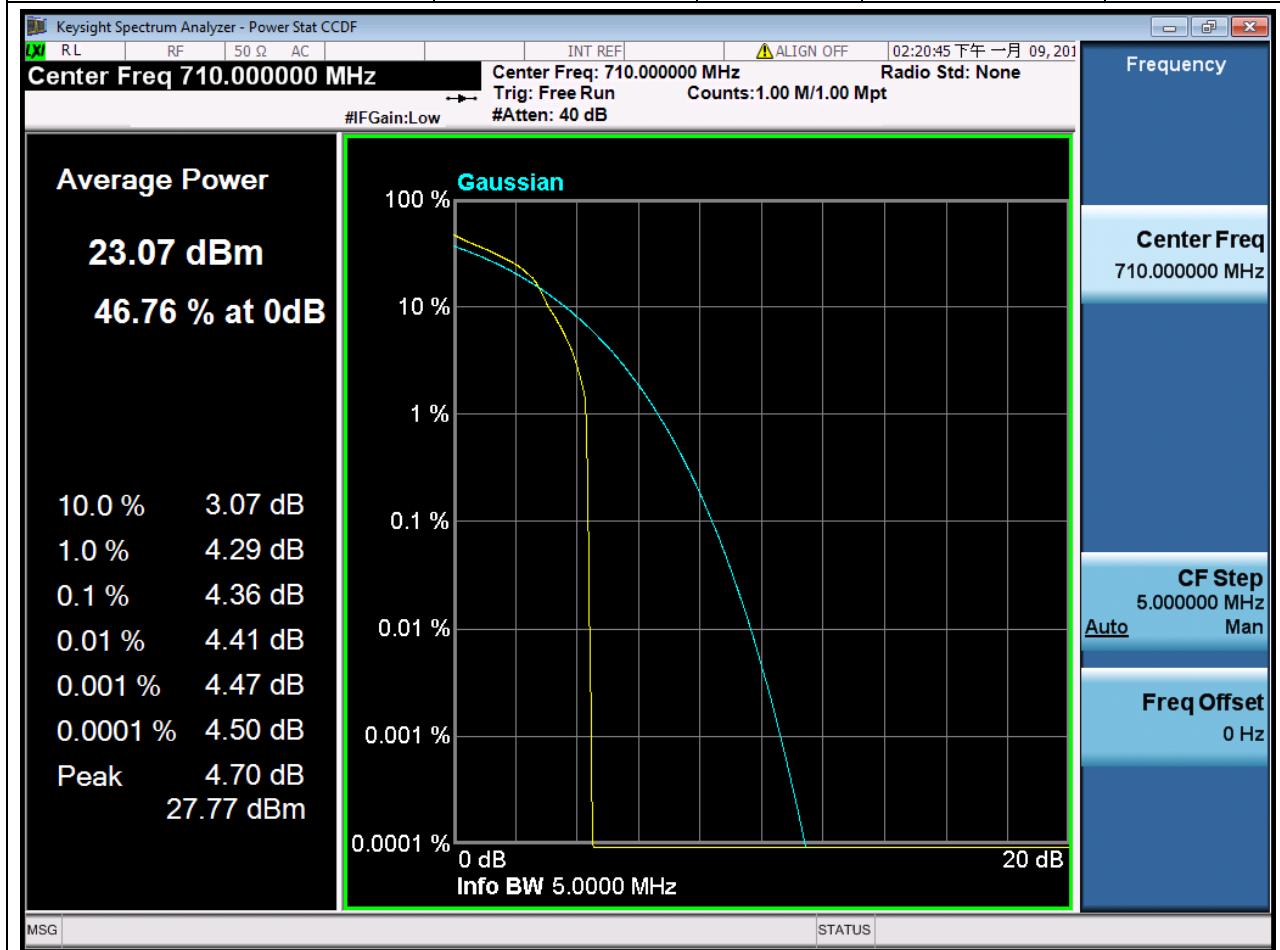
1.27. LTE Peak to Average Ratio(NTNV)(Subtest:27, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	4.07	13	Pass



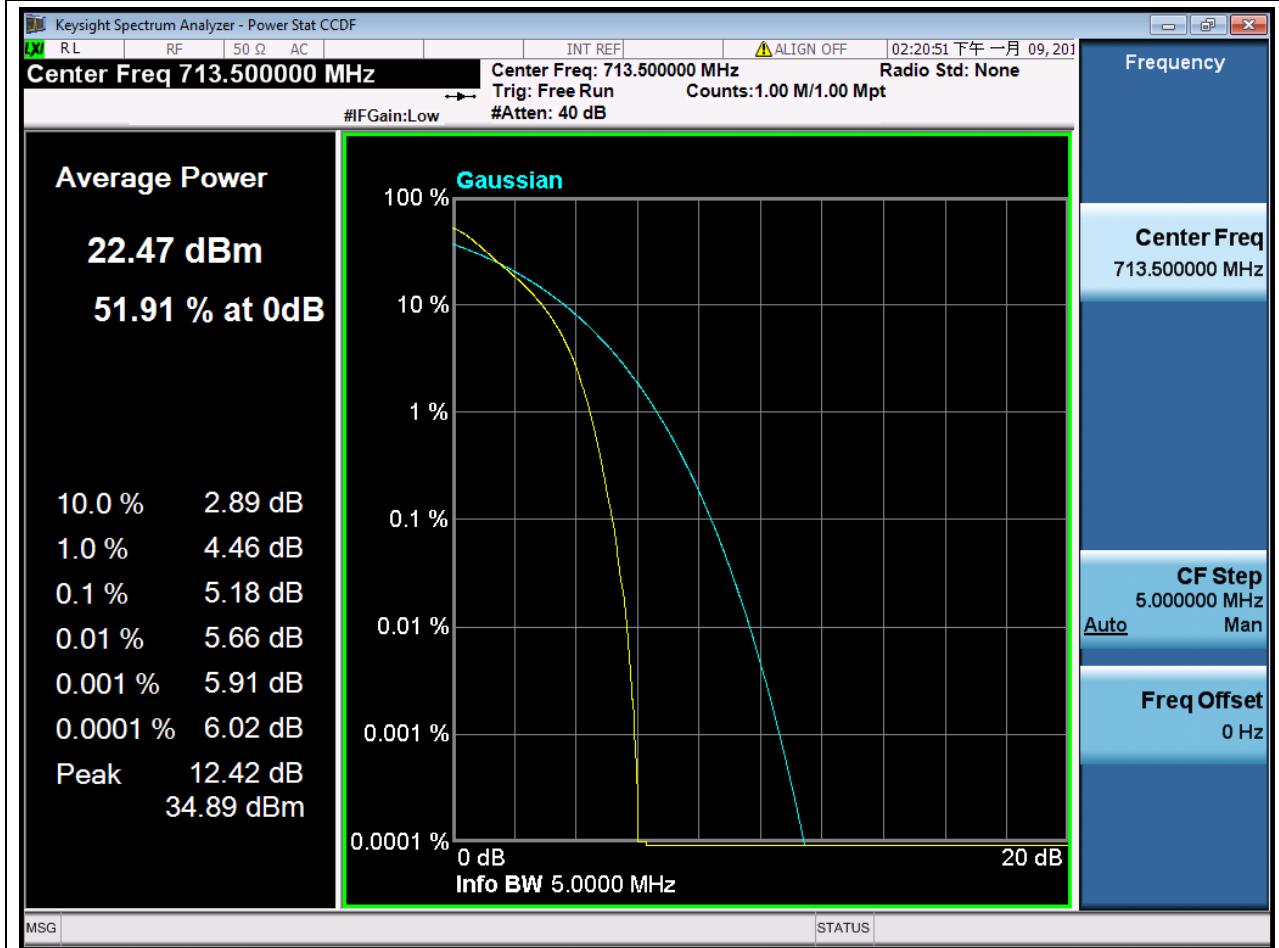
1.28. LTE Peak to Average Ratio(NTNV)(Subtest:28, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	4.36	13	Pass



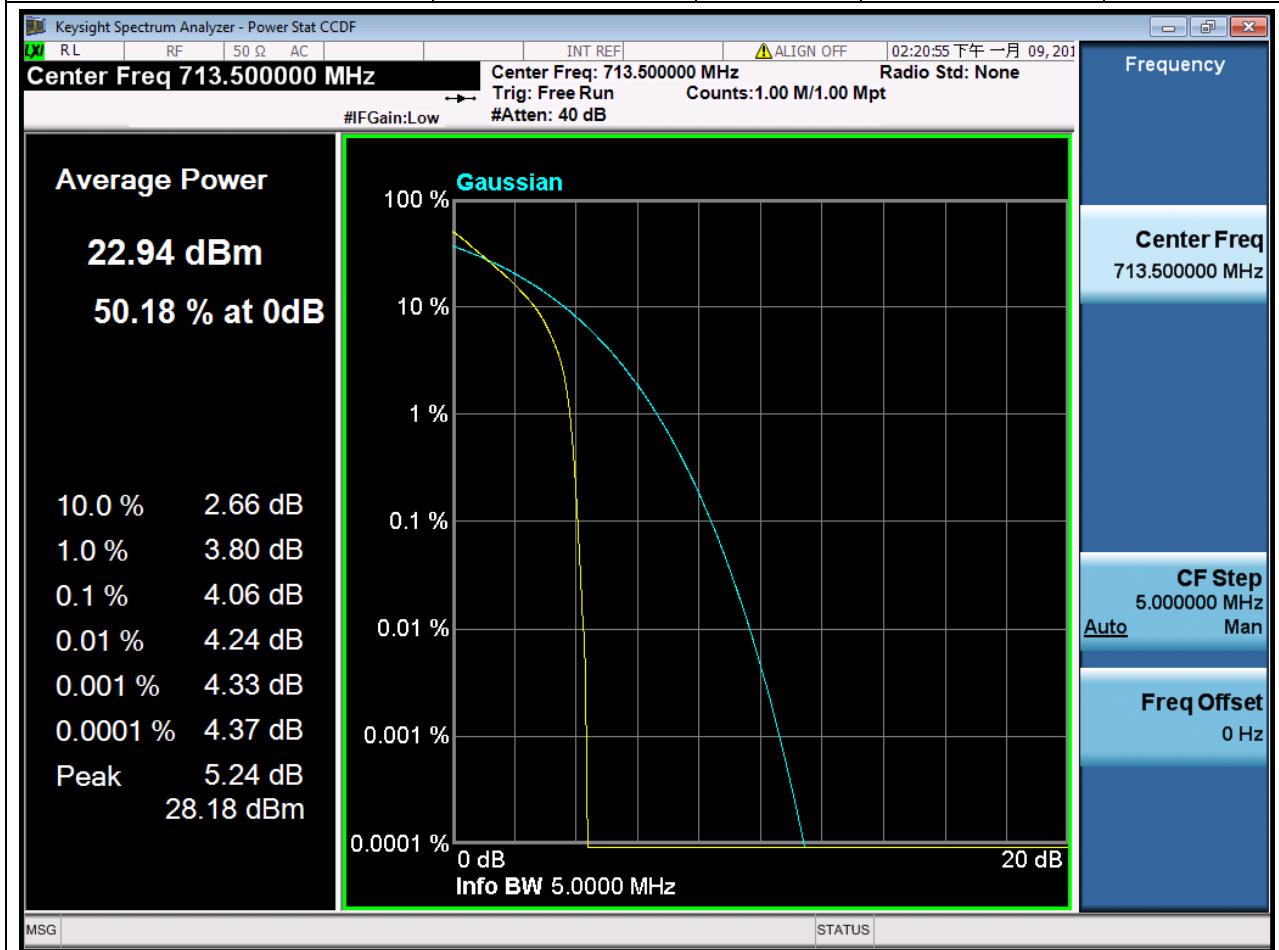
1.29. LTE Peak to Average Ratio(NTNV)(Subtest:29, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	5.18	13	Pass



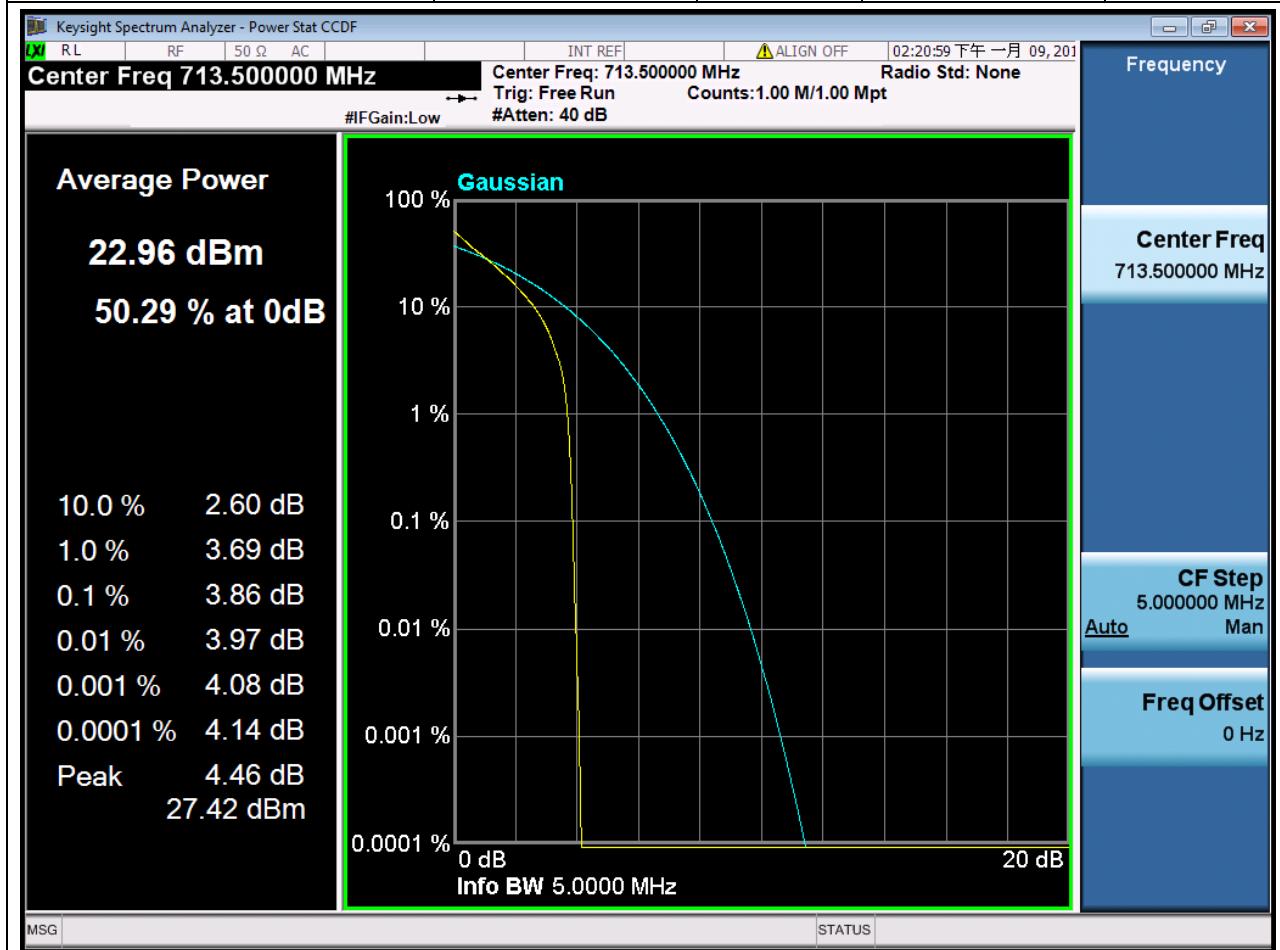
1.30. LTE Peak to Average Ratio(NTNV)(Subtest:30, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	4.06	13	Pass



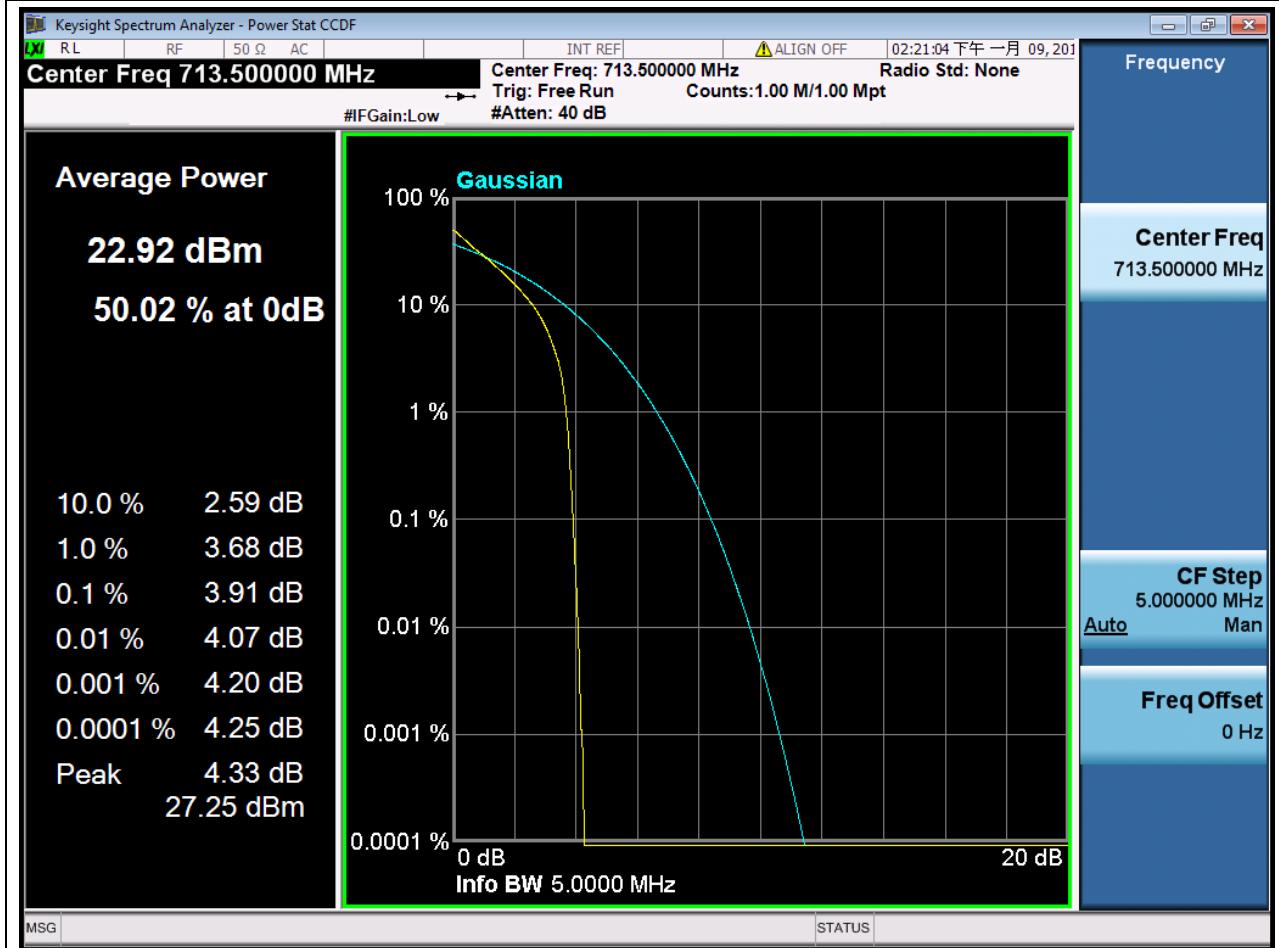
1.31. LTE Peak to Average Ratio(NTNV)(Subtest:31, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	3.86	13	Pass



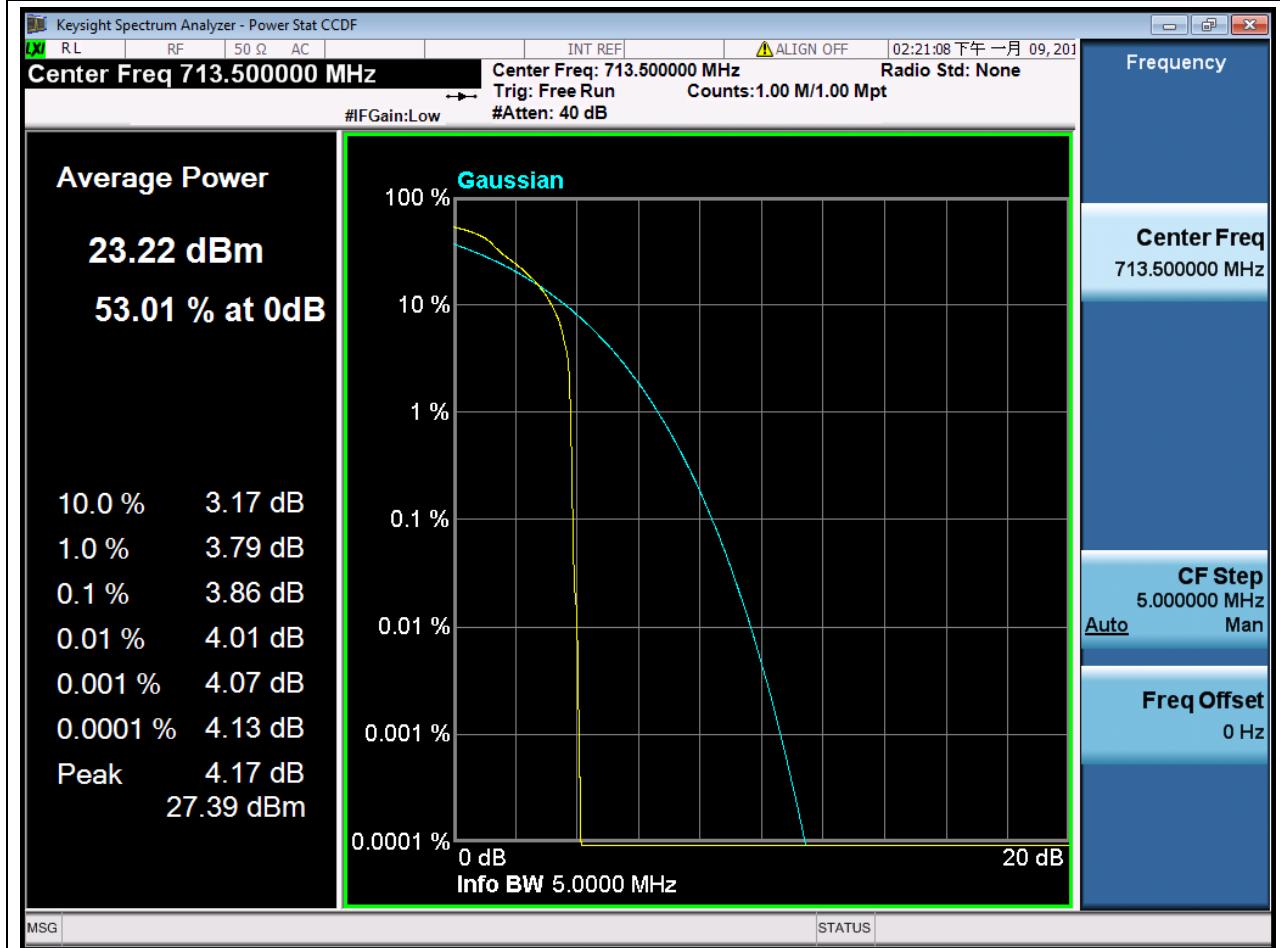
1.32. LTE Peak to Average Ratio(NTNV)(Subtest:32, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	3.91	13	Pass



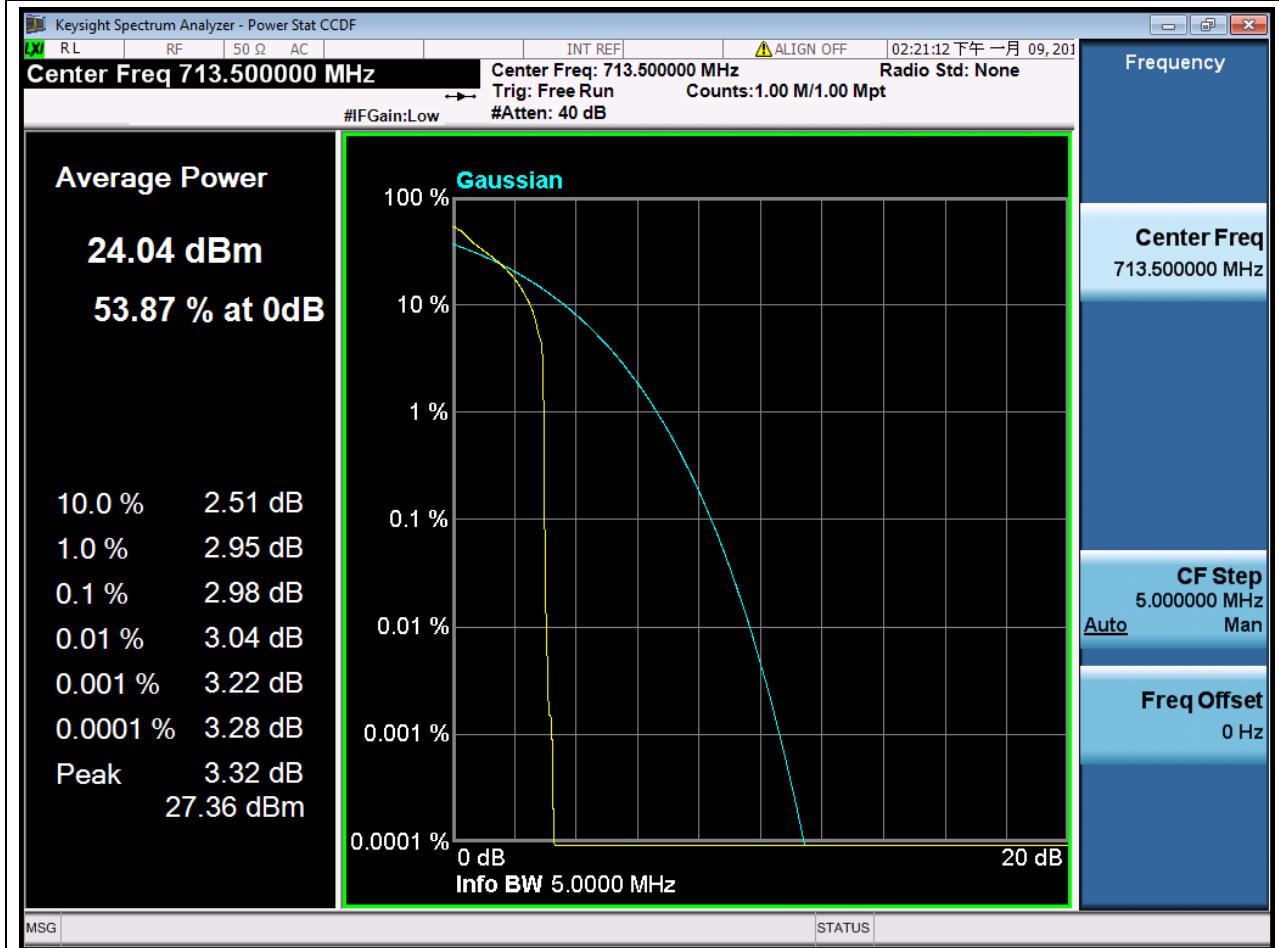
1.33. LTE Peak to Average Ratio(NTNV)(Subtest:33, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	3.86	13	Pass



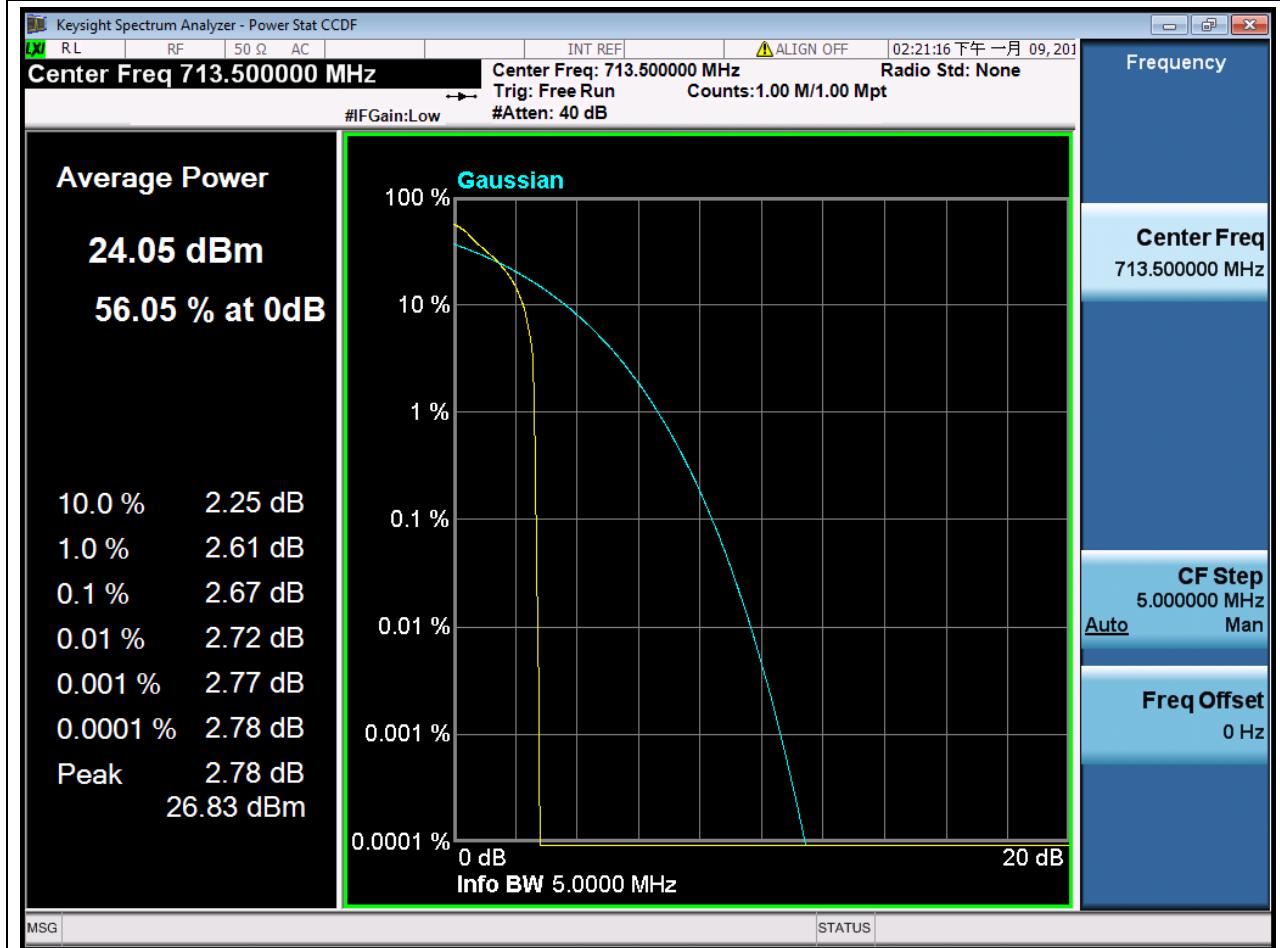
1.34. LTE Peak to Average Ratio(NTNV)(Subtest:34, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	2.98	13	Pass



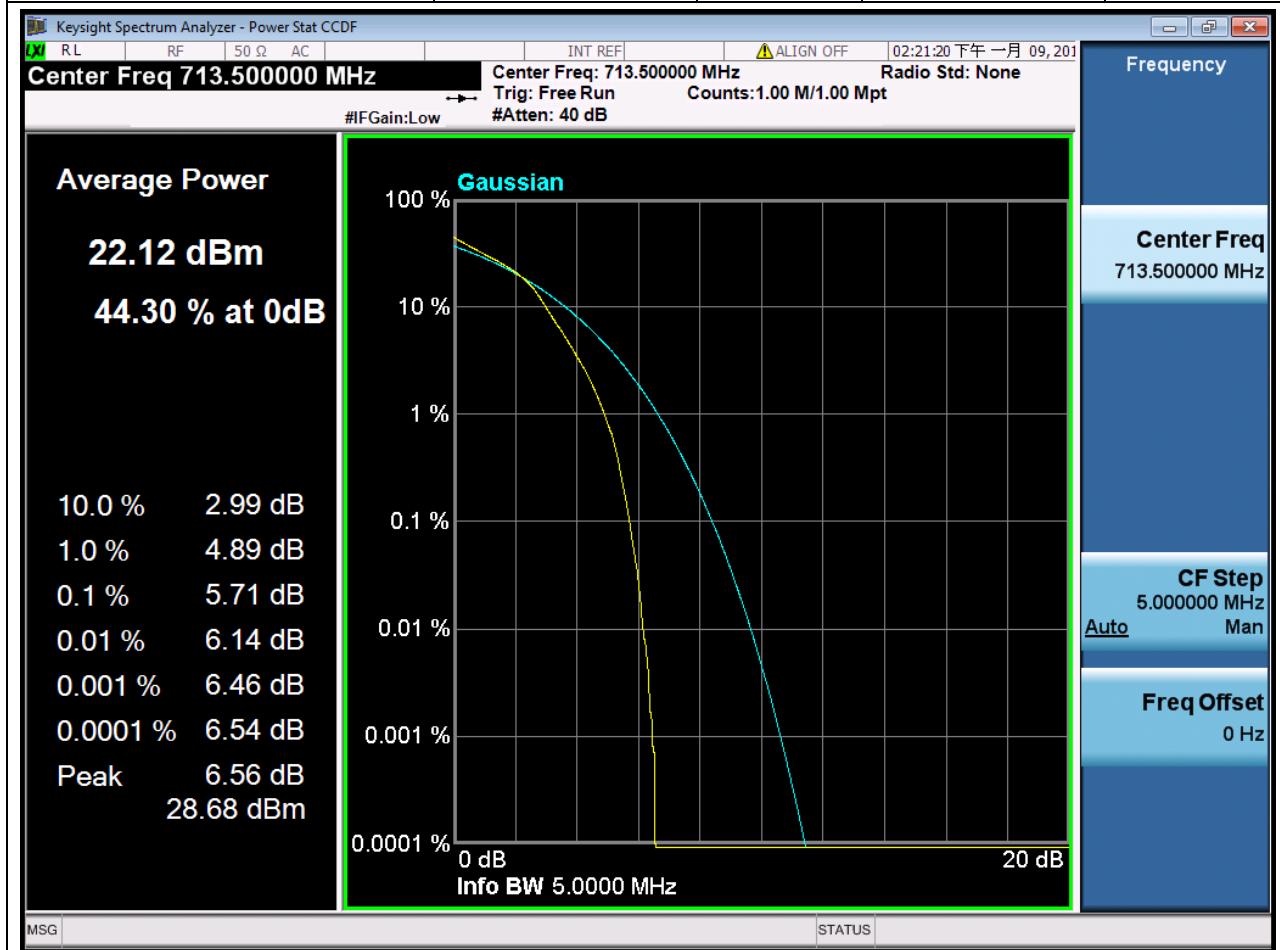
1.35. LTE Peak to Average Ratio(NTNV)(Subtest:35, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	2.67	13	Pass



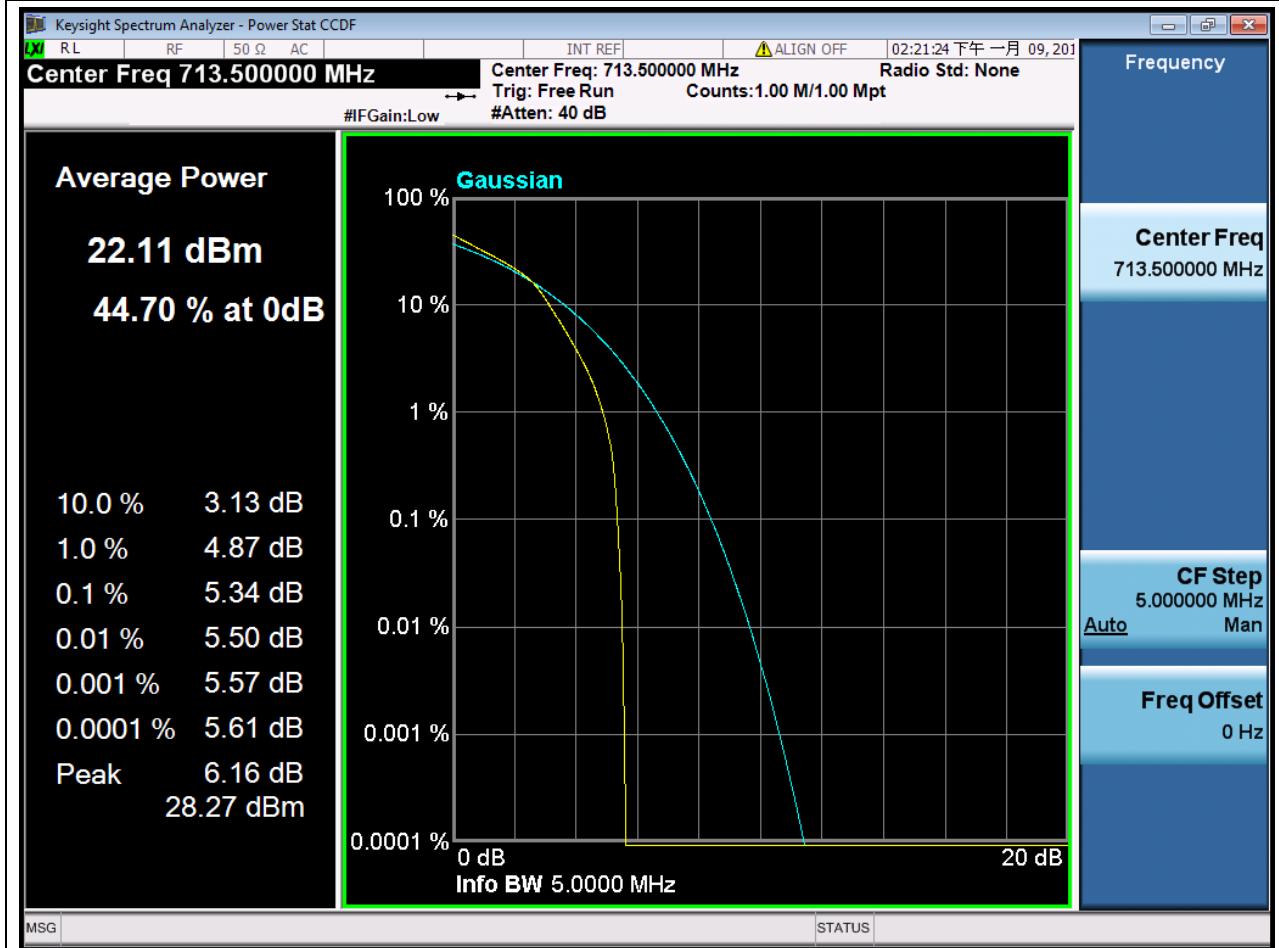
1.36. LTE Peak to Average Ratio(NTNV)(Subtest:36, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	5.71	13	Pass



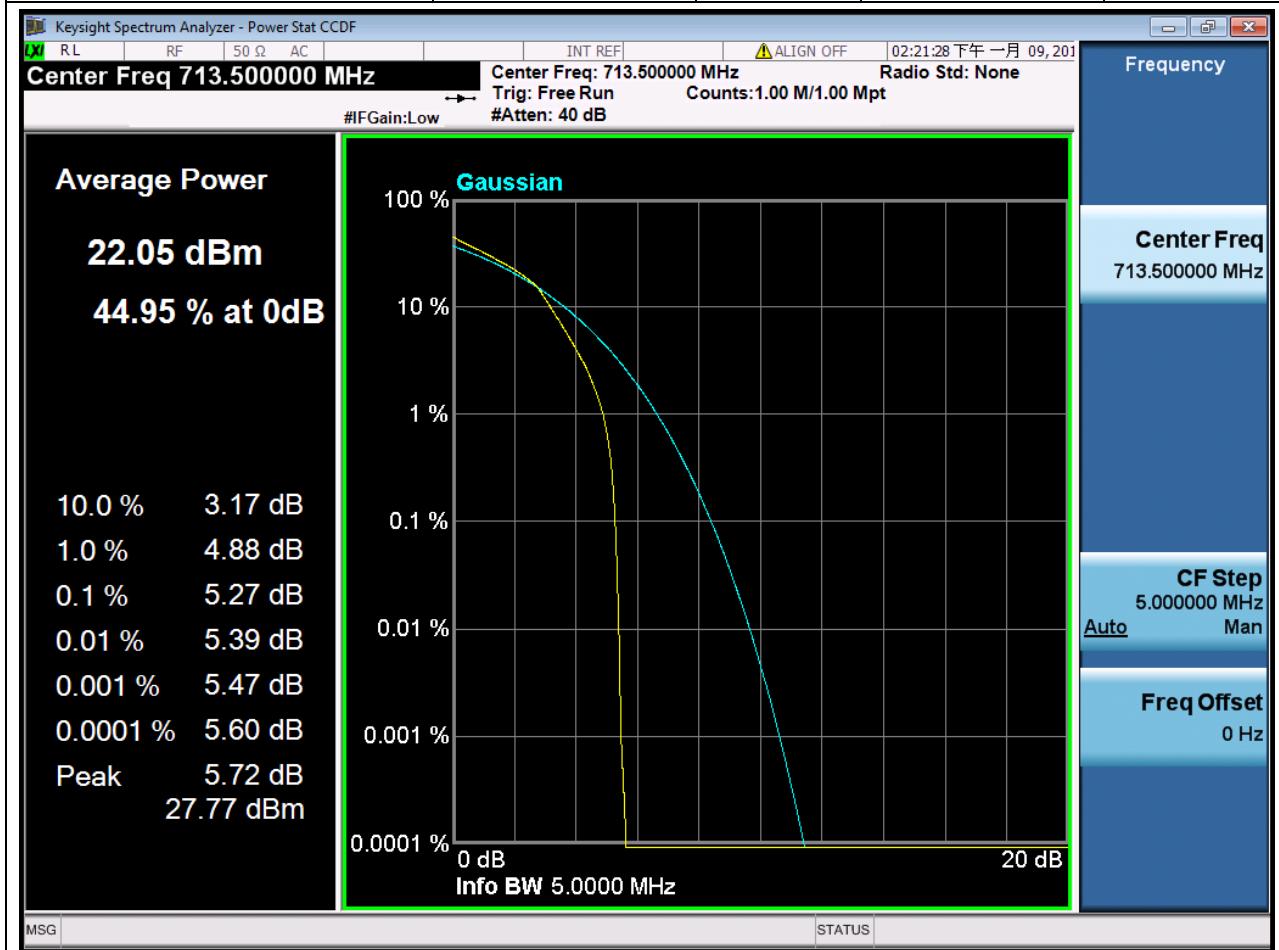
1.37. LTE Peak to Average Ratio(NTNV)(Subtest:37, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	5.34	13	Pass



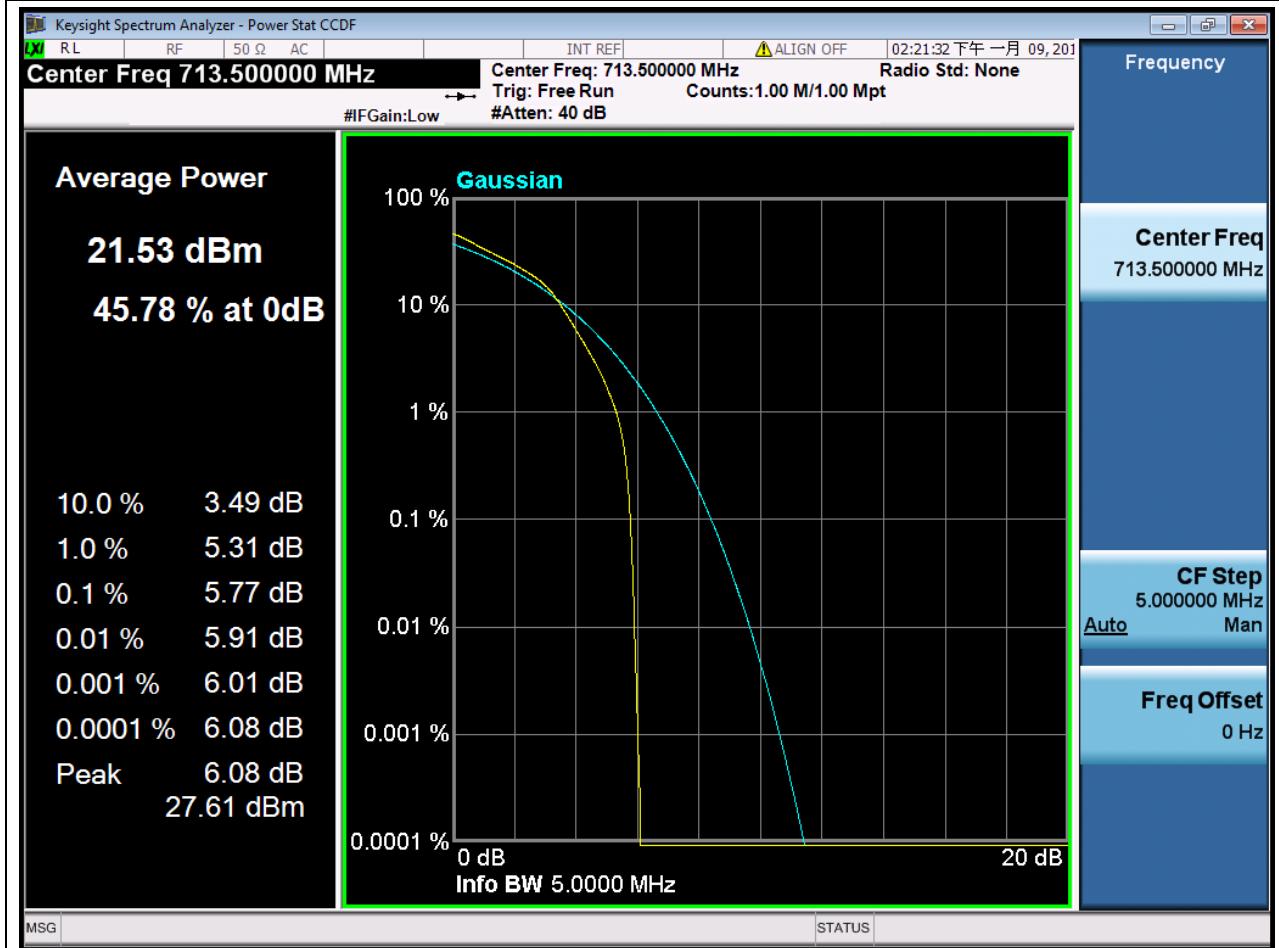
1.38. LTE Peak to Average Ratio(NTNV)(Subtest:38, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	5.27	13	Pass



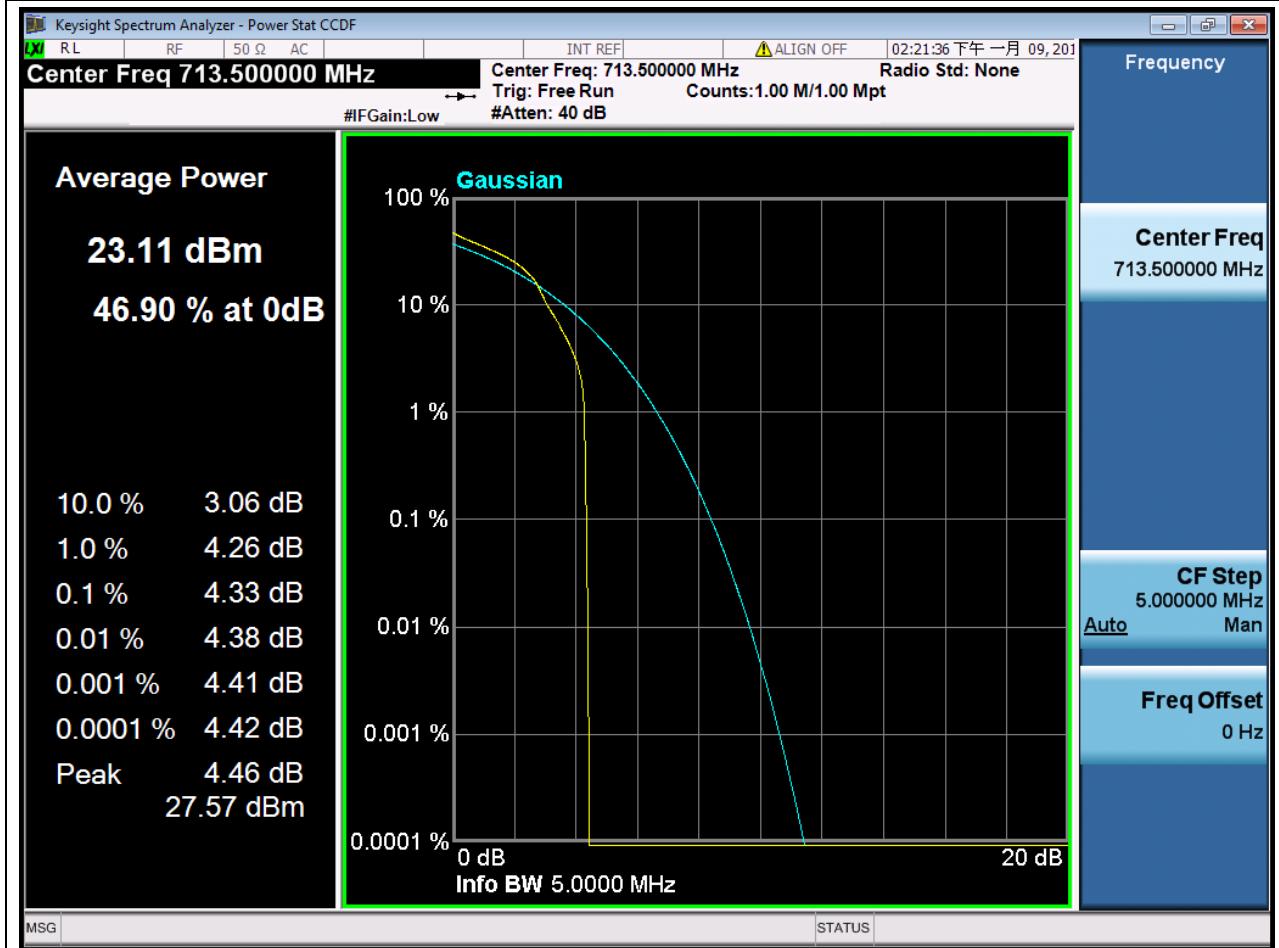
1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	5.77	13	Pass



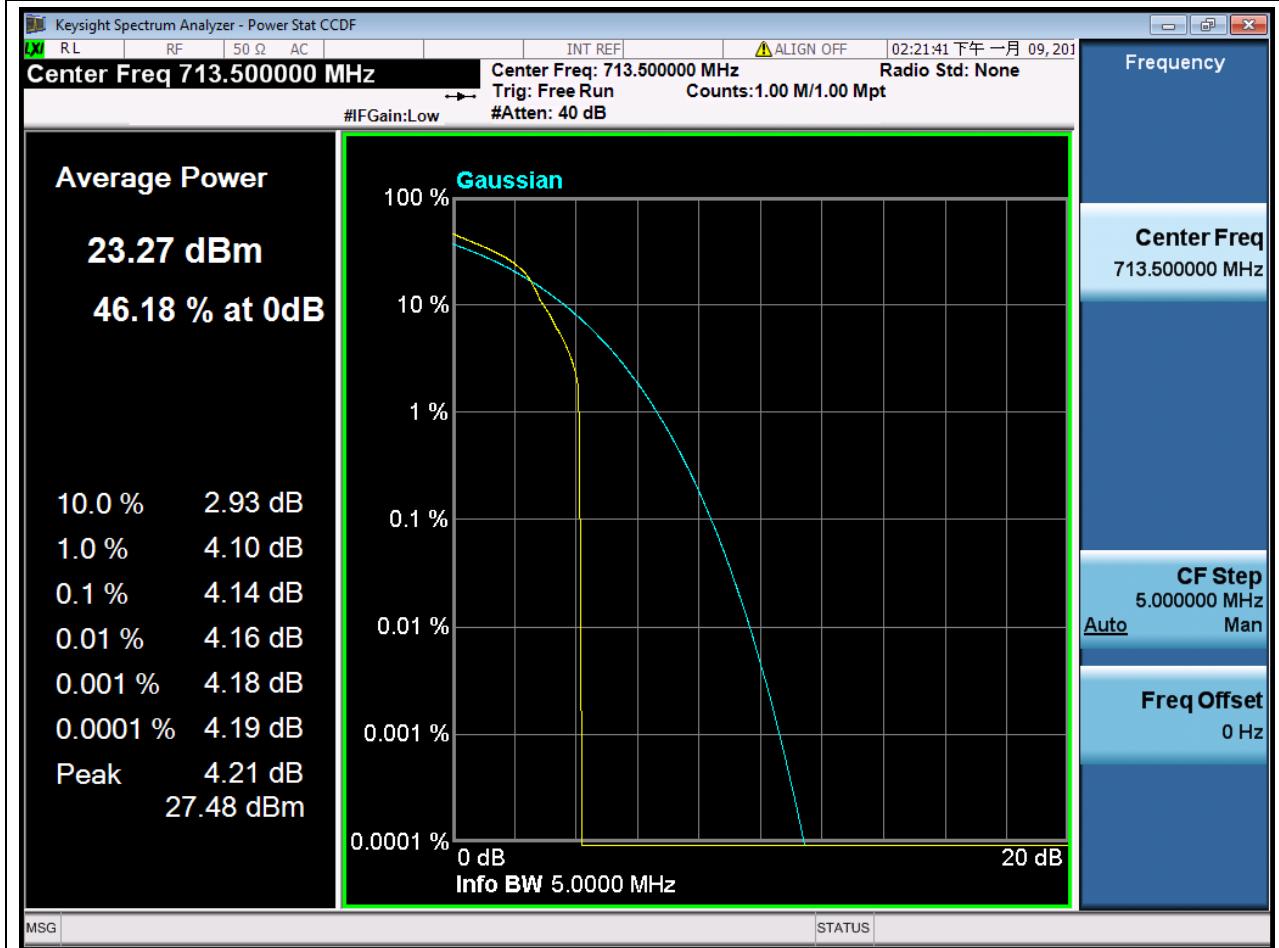
1.40. LTE Peak to Average Ratio(NTNV)(Subtest:40, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	4.33	13	Pass



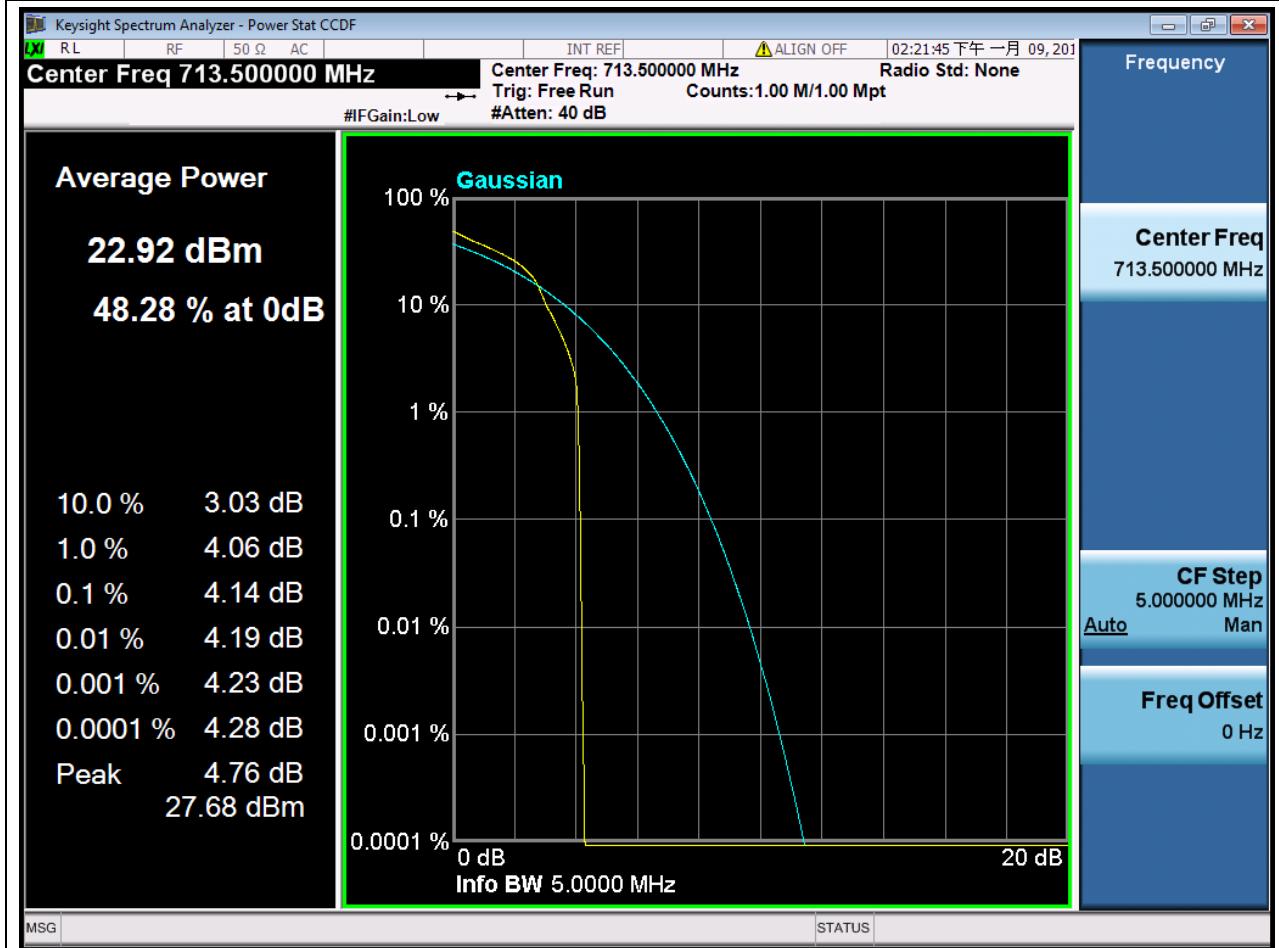
1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	4.14	13	Pass



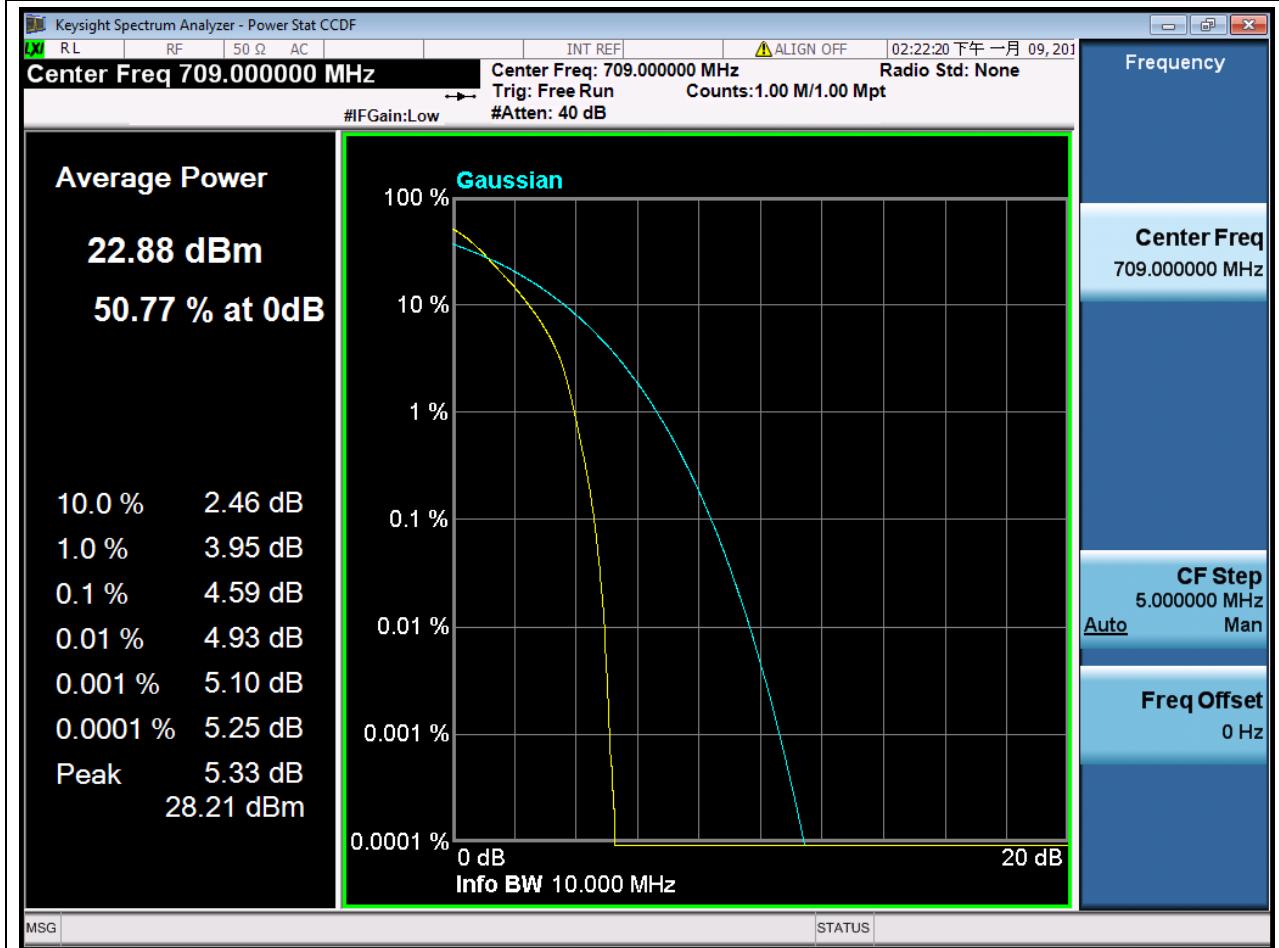
1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
713.5	0.1	4.14	13	Pass



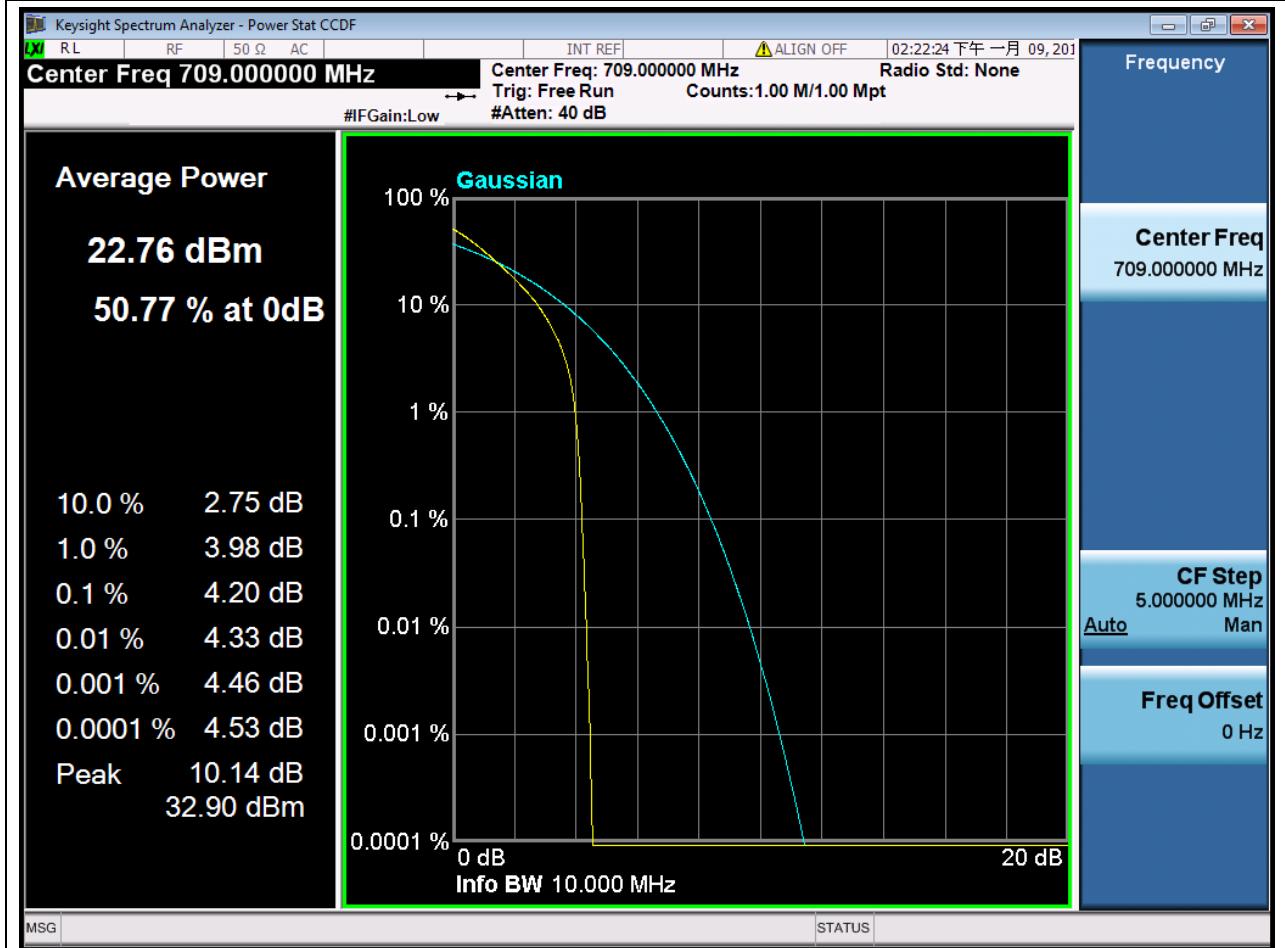
1.43. LTE Peak to Average Ratio(NTNV)(Subtest:43, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	4.59	13	Pass



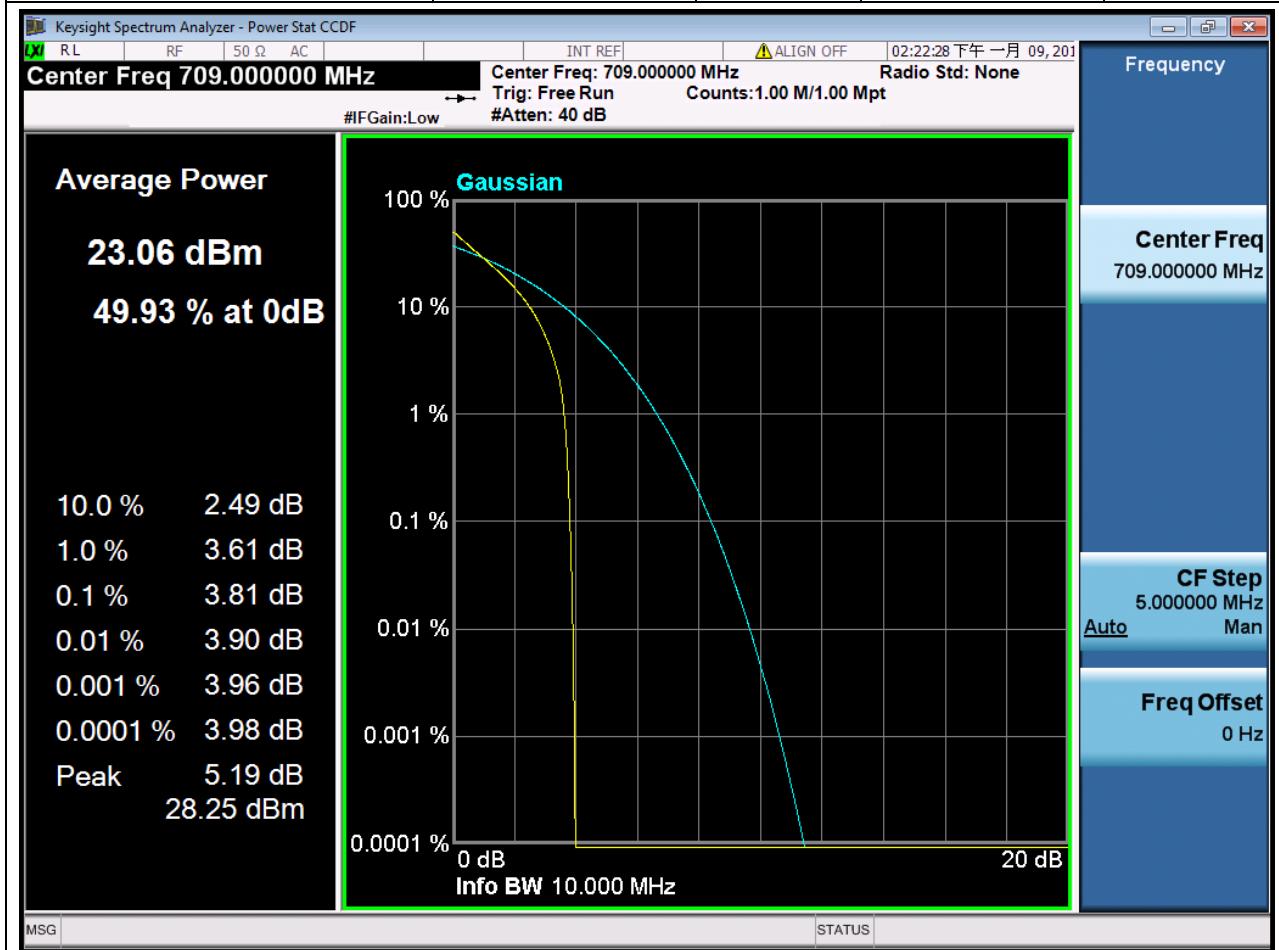
1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	4.2	13	Pass



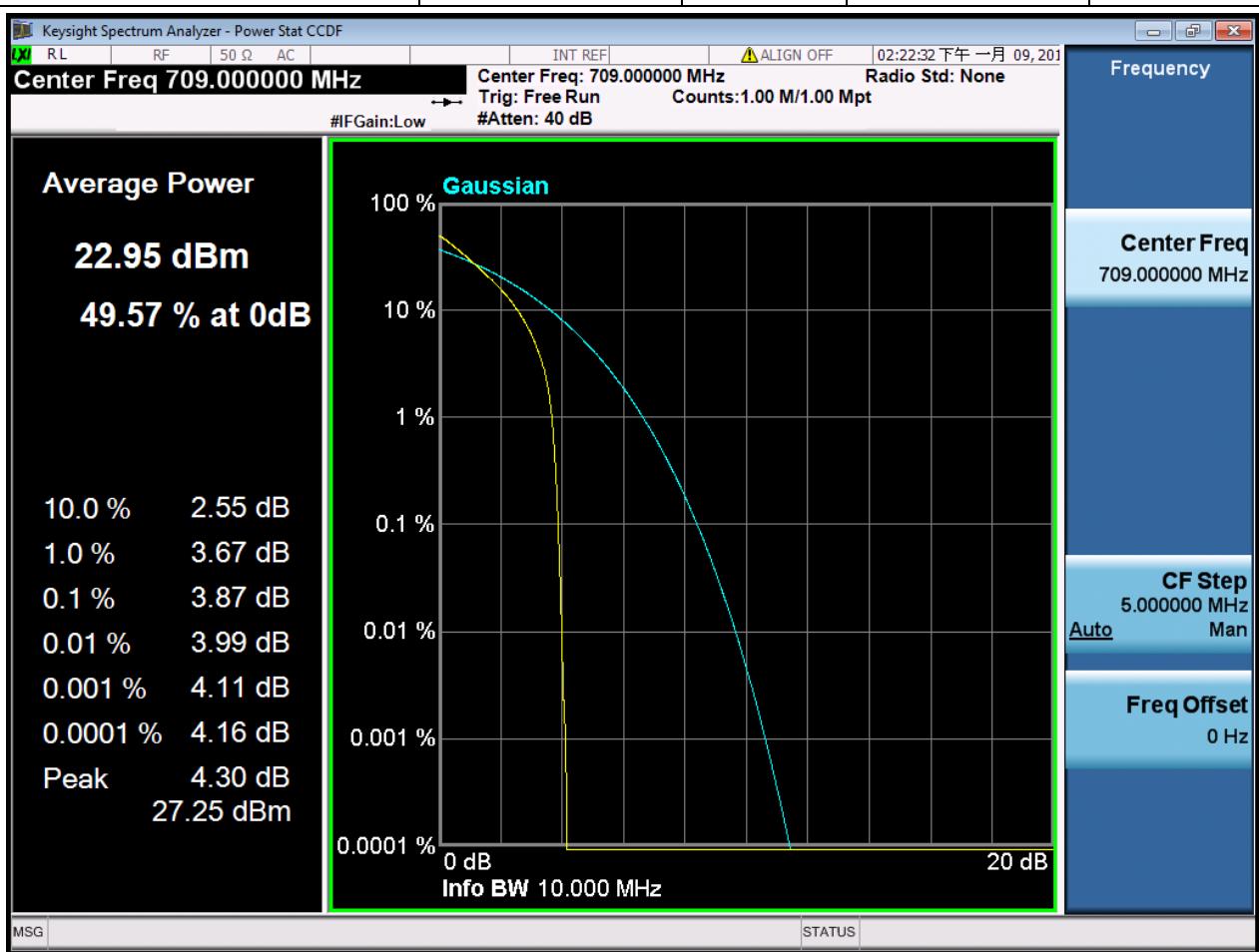
1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	3.81	13	Pass



1.46. LTE Peak to Average Ratio(NTNV)(Subtest:46, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	3.87	13	Pass



Average Power
22.95 dBm
49.57 % at 0dB

10.0 %	2.55 dB
1.0 %	3.67 dB
0.1 %	3.87 dB
0.01 %	3.99 dB
0.001 %	4.11 dB
0.0001 %	4.16 dB
Peak	4.30 dB
	27.25 dBm

Center Freq 709.000000 MHz
Trig: Free Run Counts:1.00 M/1.00 Mpt
#Atten: 40 dB

Gaussian

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

0 dB 20 dB

Info BW 10.000 MHz

Frequency
Center Freq
709.000000 MHz

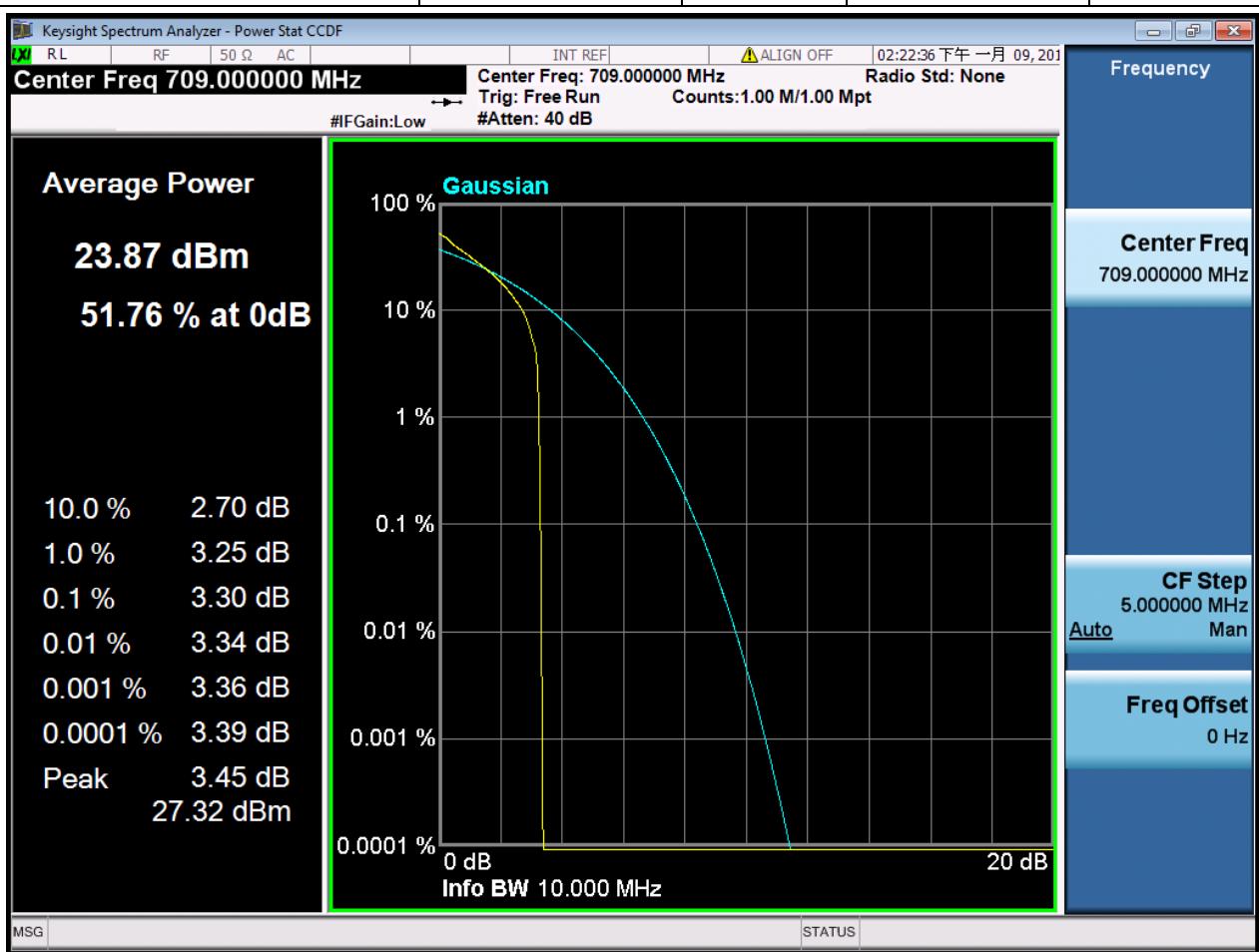
CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

MSG STATUS

1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	3.3	13	Pass



Average Power
23.87 dBm
51.76 % at 0dB

10.0 %	2.70 dB
1.0 %	3.25 dB
0.1 %	3.30 dB
0.01 %	3.34 dB
0.001 %	3.36 dB
0.0001 %	3.39 dB
Peak	3.45 dB
	27.32 dBm

Center Freq 709.000000 MHz
Center Freq: 709.000000 MHz
Trig: Free Run
Counts: 1.00 M/1.00 Mpt
#Atten: 40 dB

Gaussian

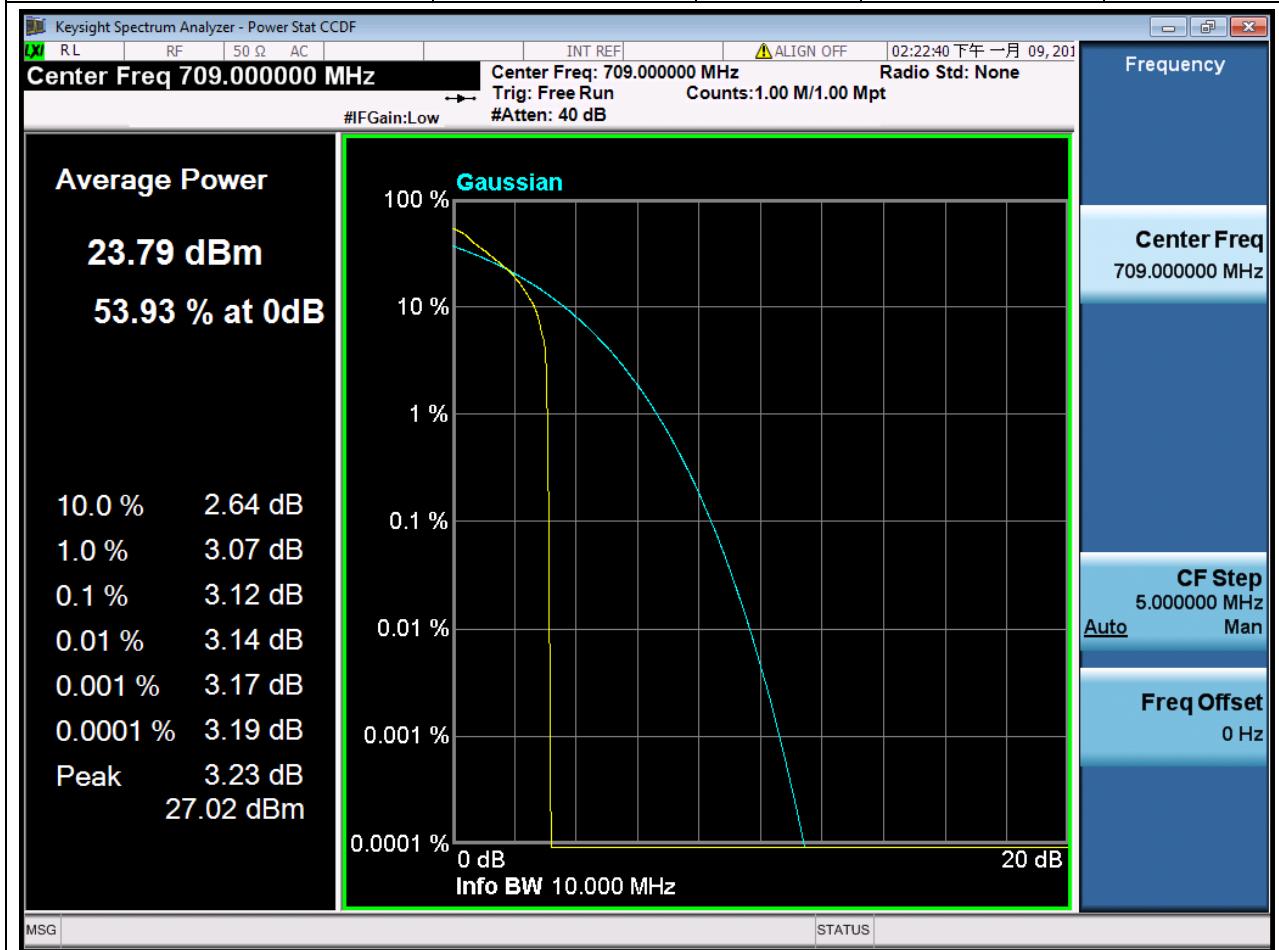
Frequency

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

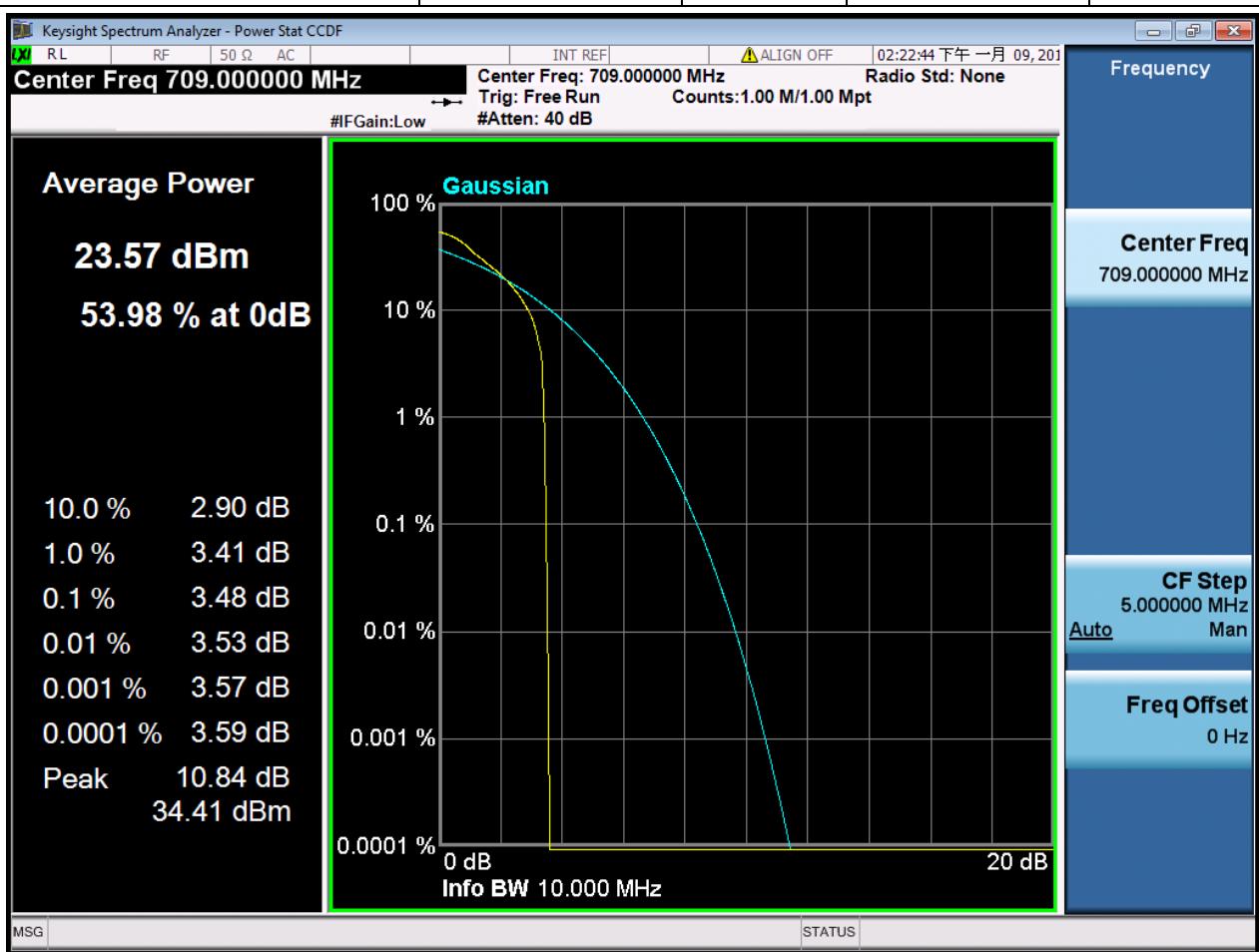
1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	3.12	13	Pass



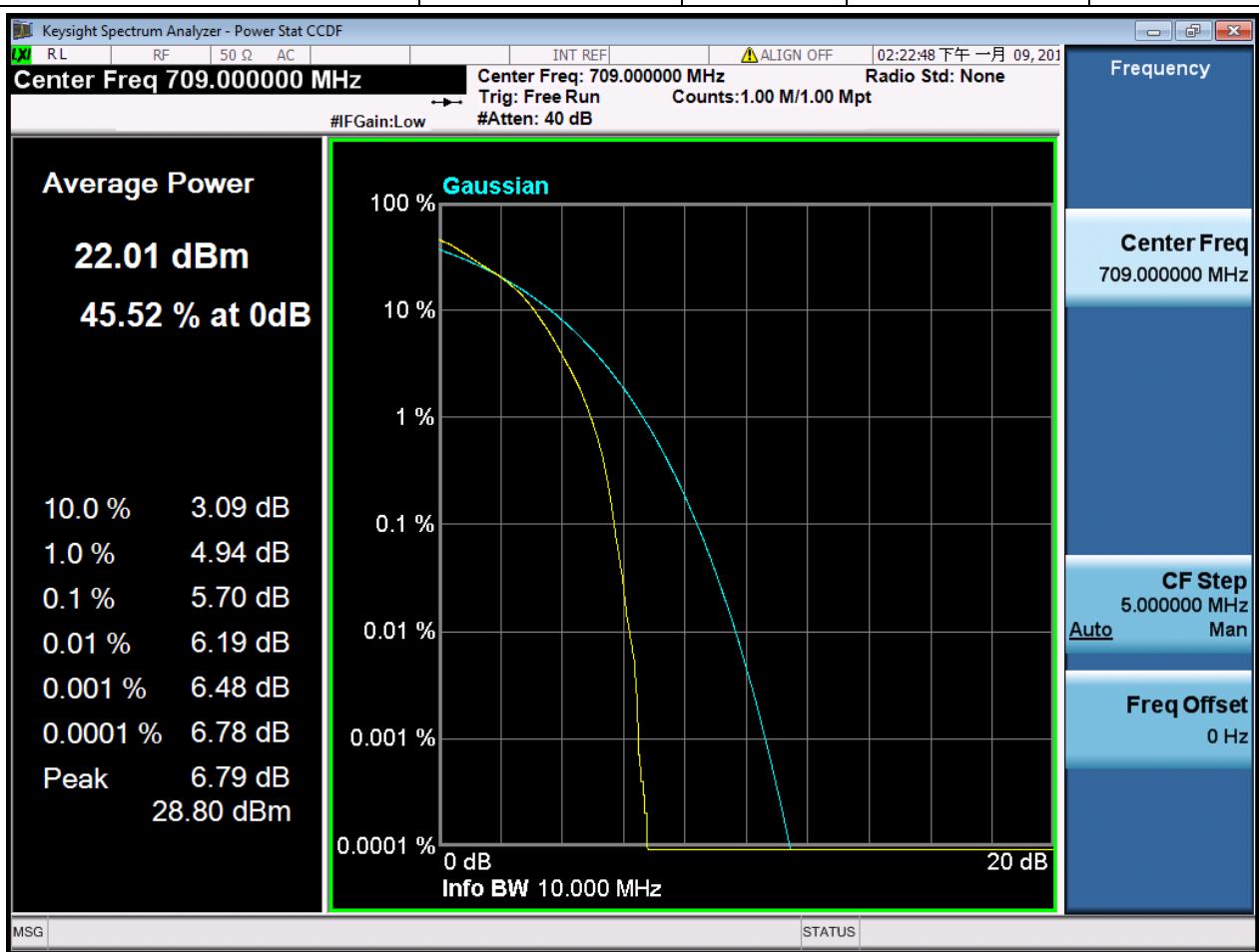
1.49. LTE Peak to Average Ratio(NTNV)(Subtest:49, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	3.48	13	Pass



1.50. LTE Peak to Average Ratio(NTNV)(Subtest:50, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	5.7	13	Pass



Average Power
22.01 dBm
45.52 % at 0dB

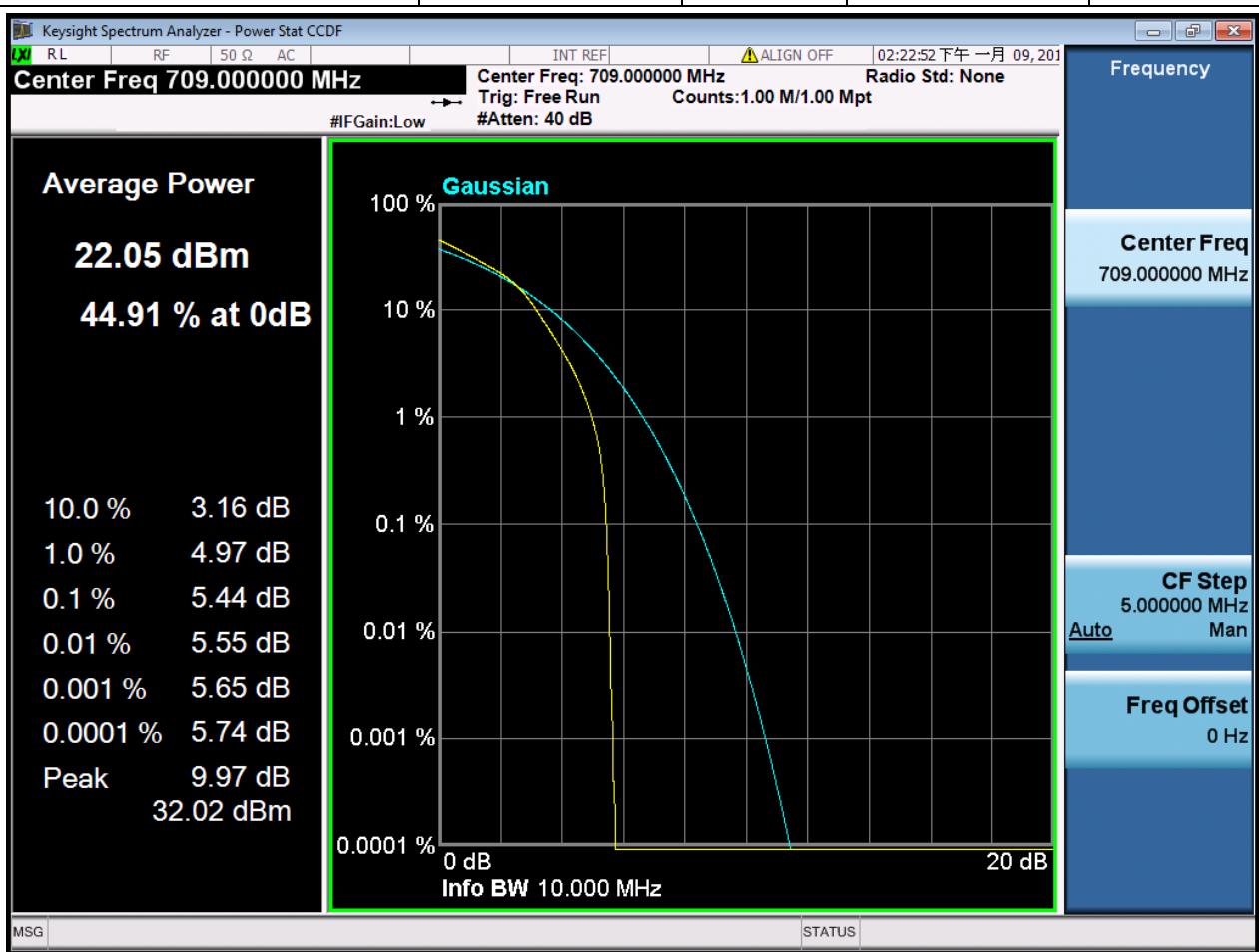
10.0 %	3.09 dB
1.0 %	4.94 dB
0.1 %	5.70 dB
0.01 %	6.19 dB
0.001 %	6.48 dB
0.0001 %	6.78 dB
Peak	6.79 dB
	28.80 dBm

Center Freq 709.000000 MHz
Center Freq: 709.000000 MHz
Trig: Free Run
Counts: 1.00 M/1.00 Mpt
#IFGain:Low
#Atten: 40 dB

Frequency
Center Freq
709.000000 MHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz

1.51. LTE Peak to Average Ratio(NTNV)(Subtest:51, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	5.44	13	Pass



Average Power
22.05 dBm
44.91 % at 0dB

10.0 %	3.16 dB
1.0 %	4.97 dB
0.1 %	5.44 dB
0.01 %	5.55 dB
0.001 %	5.65 dB
0.0001 %	5.74 dB
Peak	9.97 dB
	32.02 dBm

Center Freq
709.000000 MHz

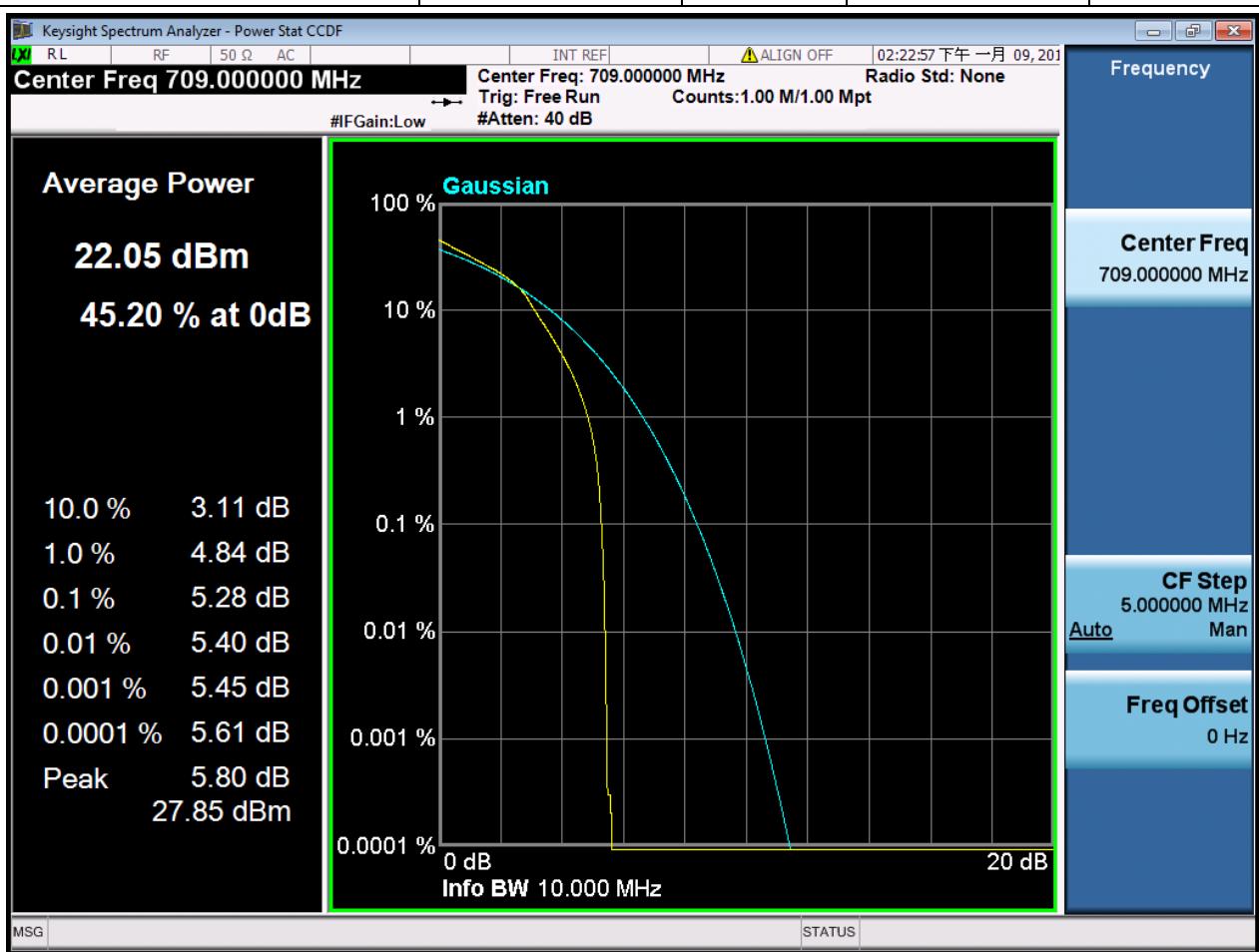
CF Step
5.000000 MHz

Freq Offset
0 Hz

MSG STATUS

1.52. LTE Peak to Average Ratio(NTNV)(Subtest:52, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

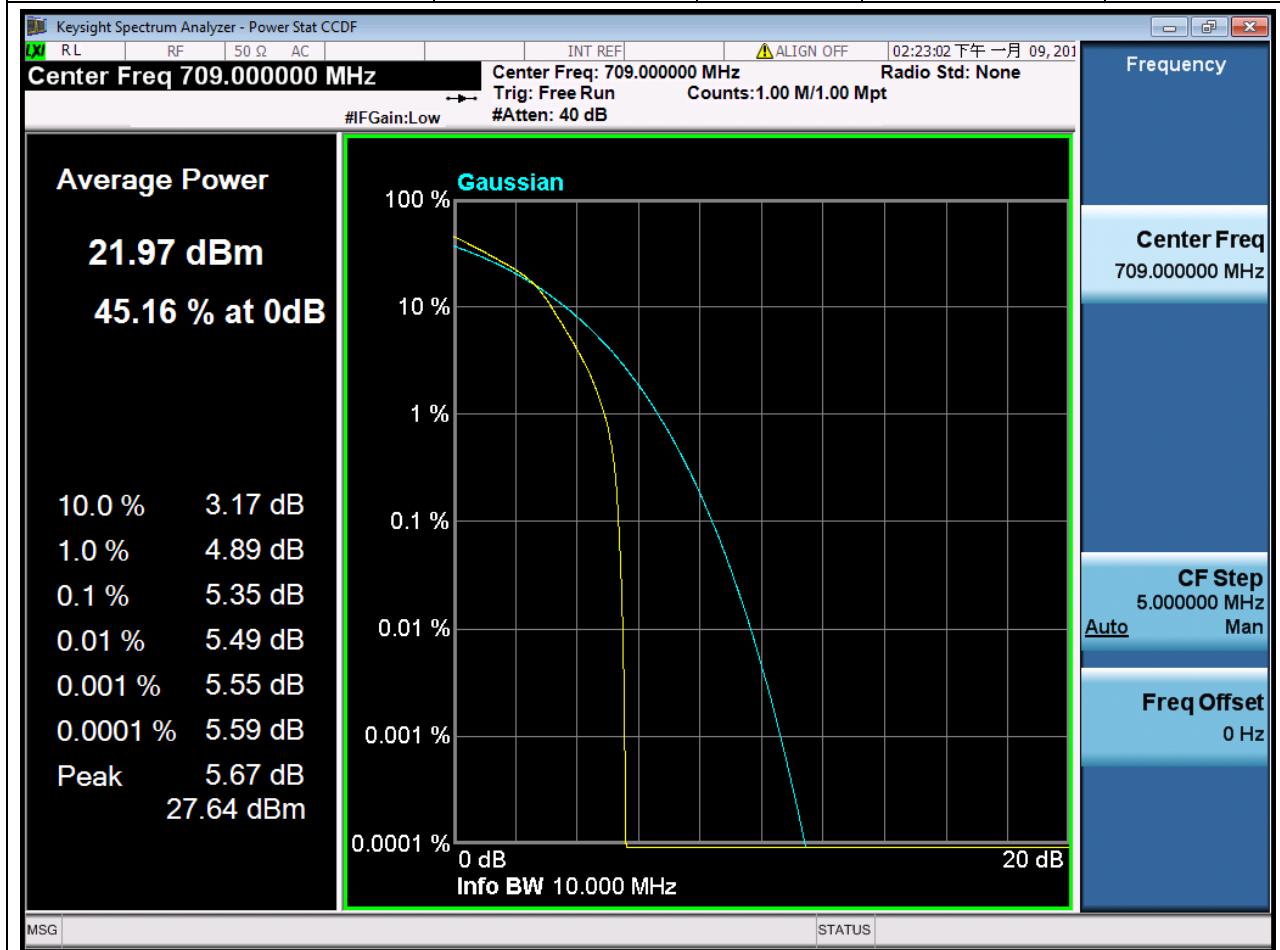
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	5.28	13	Pass



10.0 %	3.11 dB
1.0 %	4.84 dB
0.1 %	5.28 dB
0.01 %	5.40 dB
0.001 %	5.45 dB
0.0001 %	5.61 dB
Peak	5.80 dB
	27.85 dBm

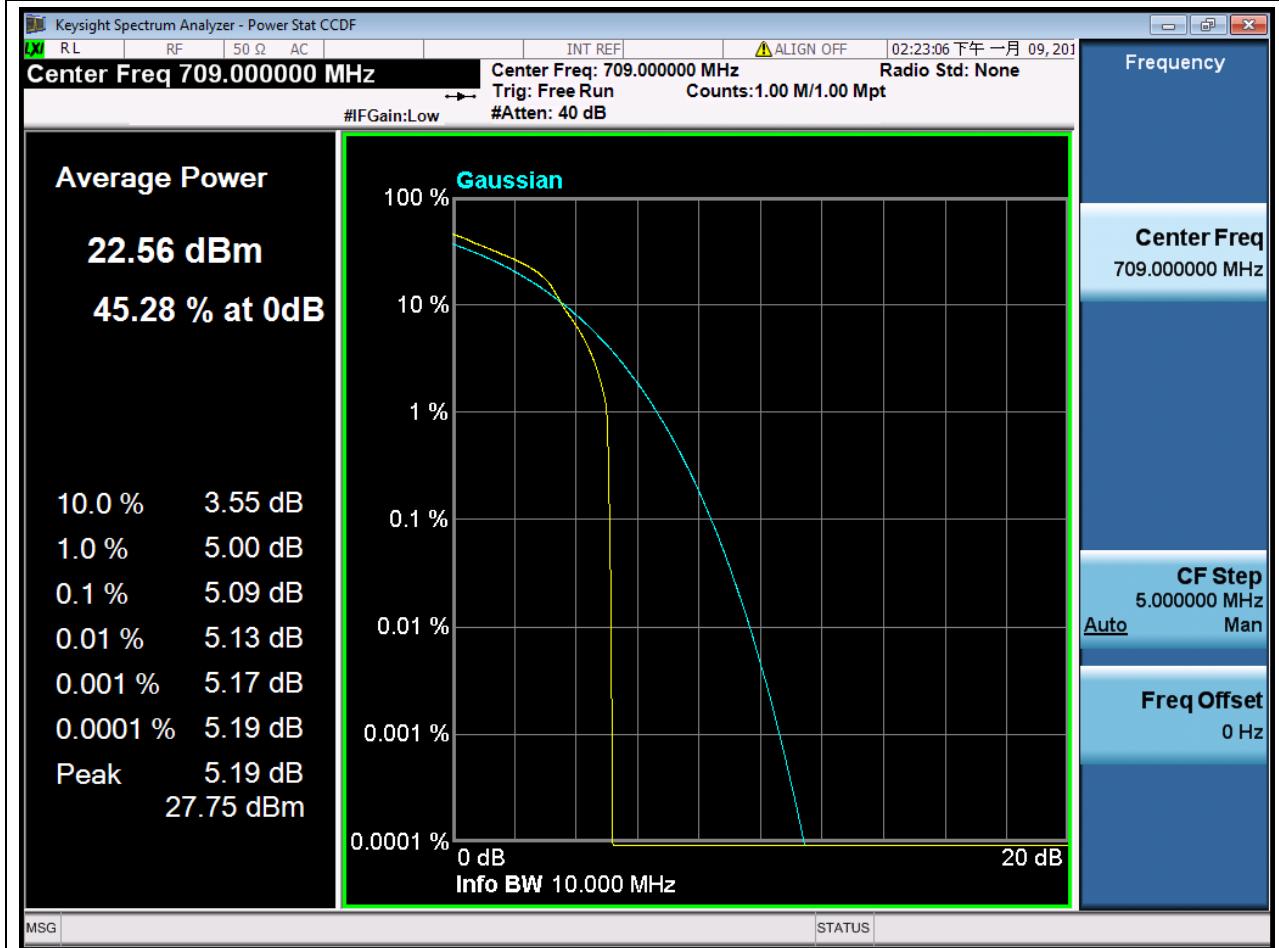
1.53. LTE Peak to Average Ratio(NTNV)(Subtest:53, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	5.35	13	Pass



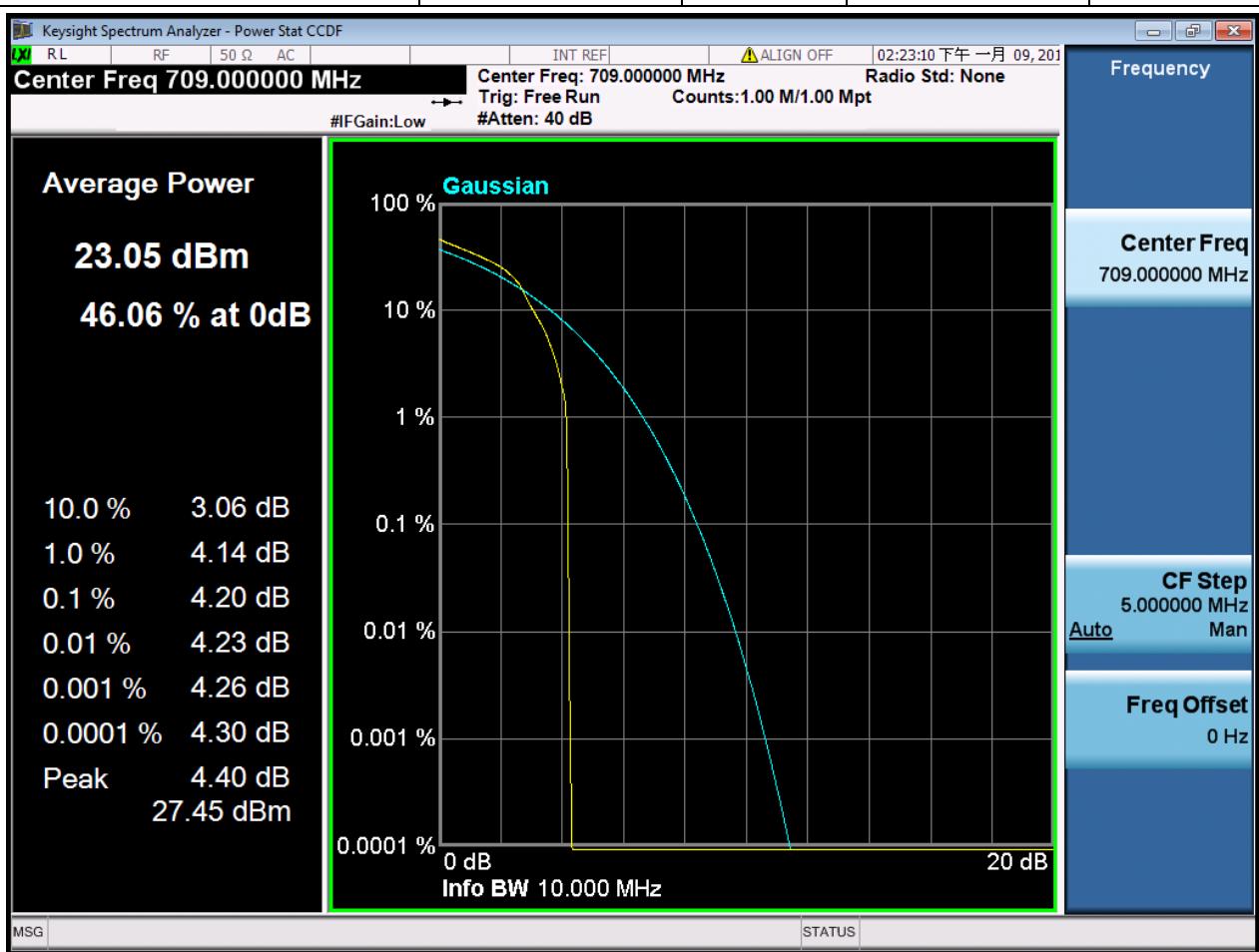
1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	5.09	13	Pass



1.55. LTE Peak to Average Ratio(NTNV)(Subtest:55, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	4.2	13	Pass



Average Power
23.05 dBm
46.06 % at 0dB

10.0 %	3.06 dB
1.0 %	4.14 dB
0.1 %	4.20 dB
0.01 %	4.23 dB
0.001 %	4.26 dB
0.0001 %	4.30 dB
Peak	4.40 dB
	27.45 dBm

1.56. LTE Peak to Average Ratio(NTNV)(Subtest:56, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	4.45	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

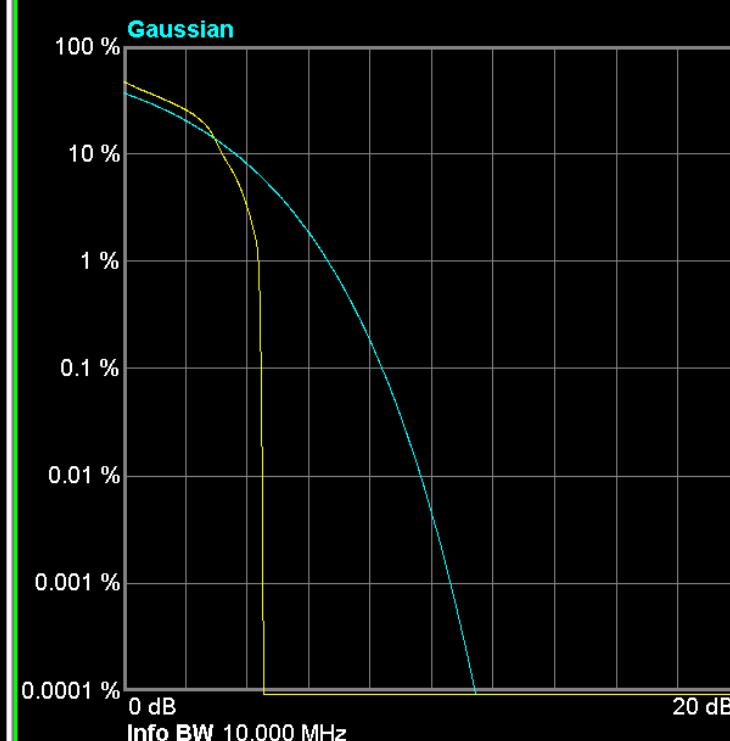
RL RF 50 Ω AC INT REF ALIGN OFF 02:23:14 下午 一月 09, 201

Center Freq 709.000000 MHz Center Freq: 709.000000 MHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
22.96 dBm
46.62 % at 0dB

10.0 % 3.20 dB
1.0 % 4.37 dB
0.1 % 4.45 dB
0.01 % 4.50 dB
0.001 % 4.52 dB
0.0001 % 4.54 dB
Peak 7.33 dB
30.29 dBm

Gaussian



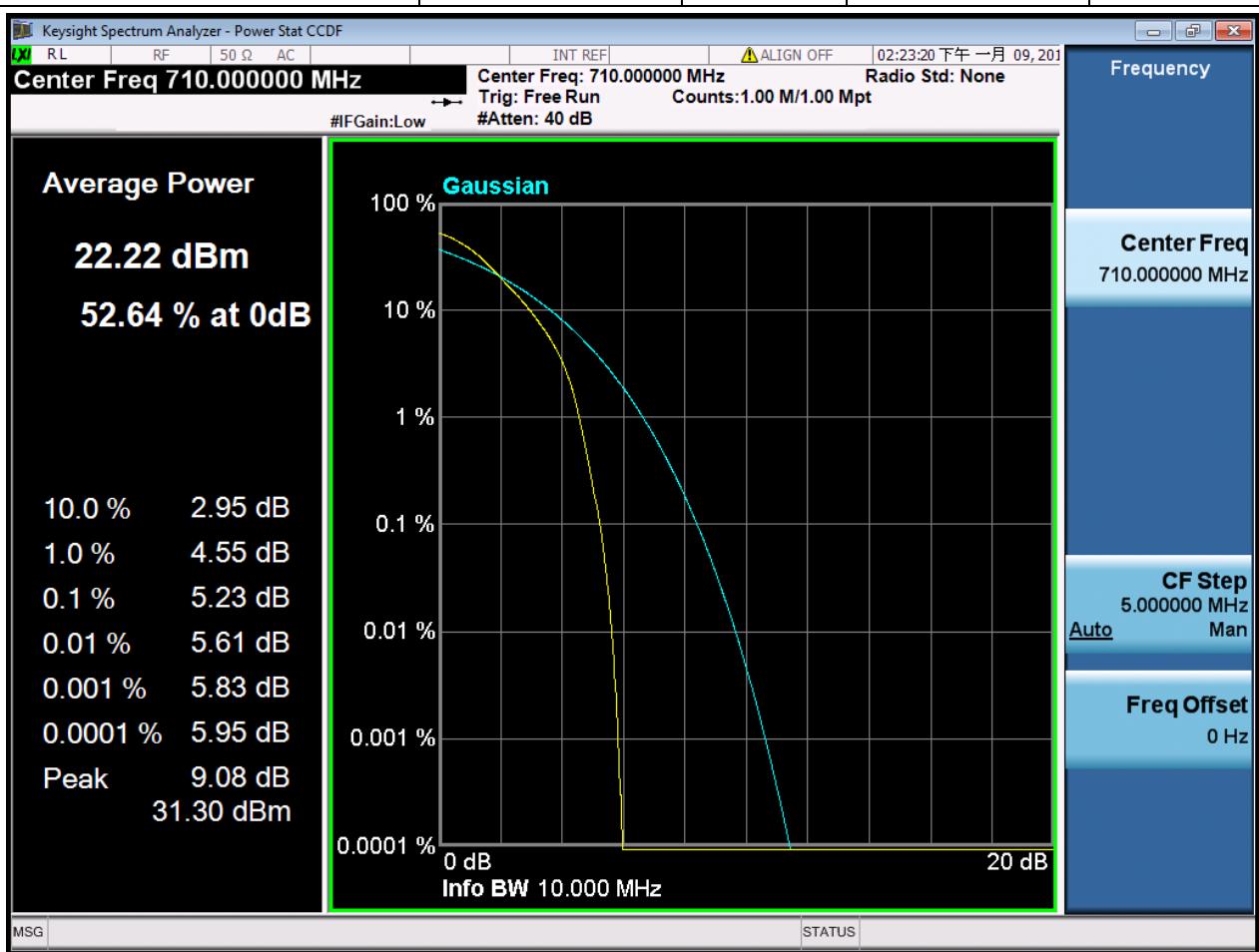
Info BW 10.000 MHz

Frequency
Center Freq 709.000000 MHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.57. LTE Peak to Average Ratio(NTNV)(Subtest:57, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.23	13	Pass

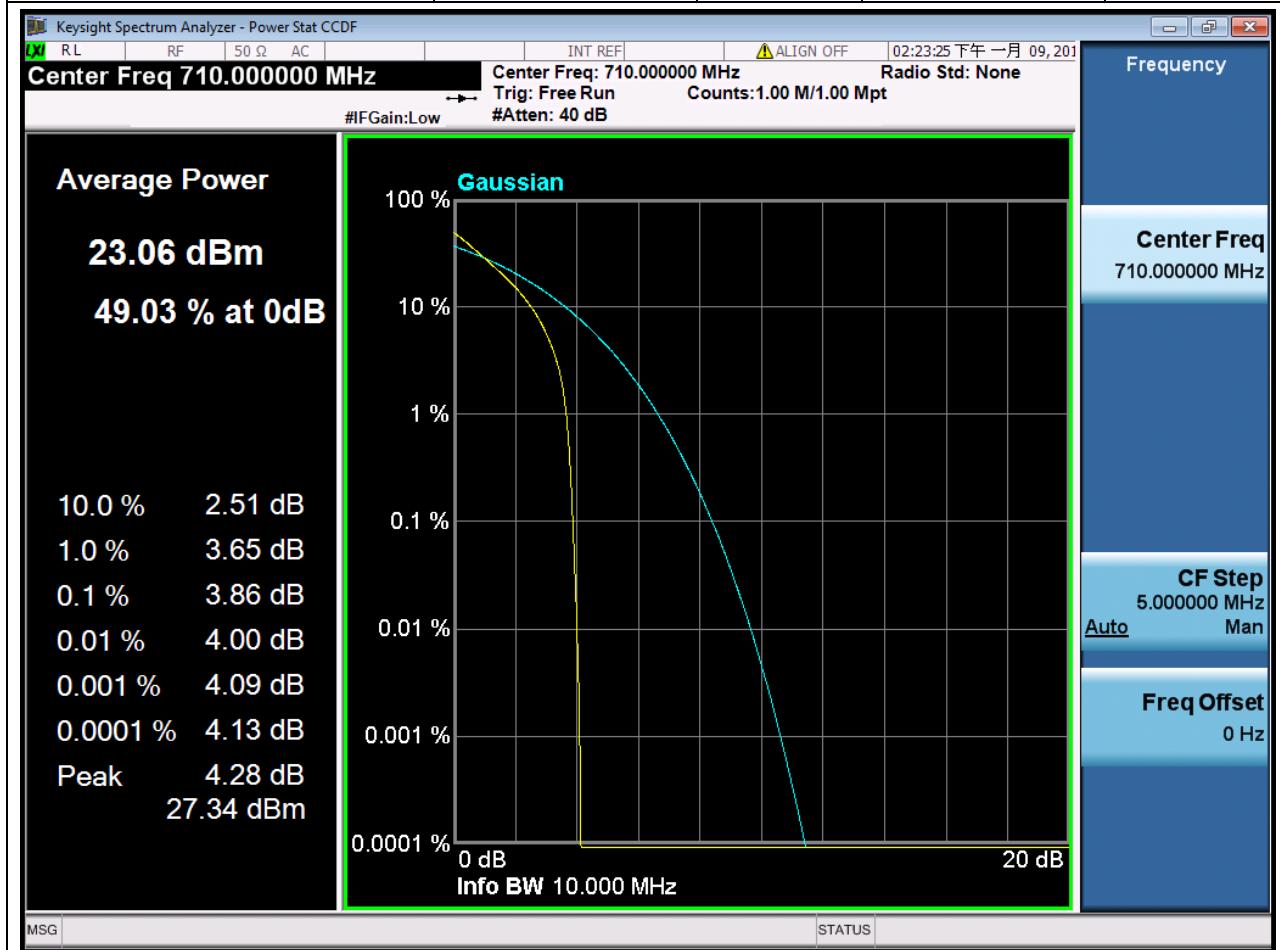


Average Power
22.22 dBm
52.64 % at 0dB

10.0 %	2.95 dB
1.0 %	4.55 dB
0.1 %	5.23 dB
0.01 %	5.61 dB
0.001 %	5.83 dB
0.0001 %	5.95 dB
Peak	9.08 dB
	31.30 dBm

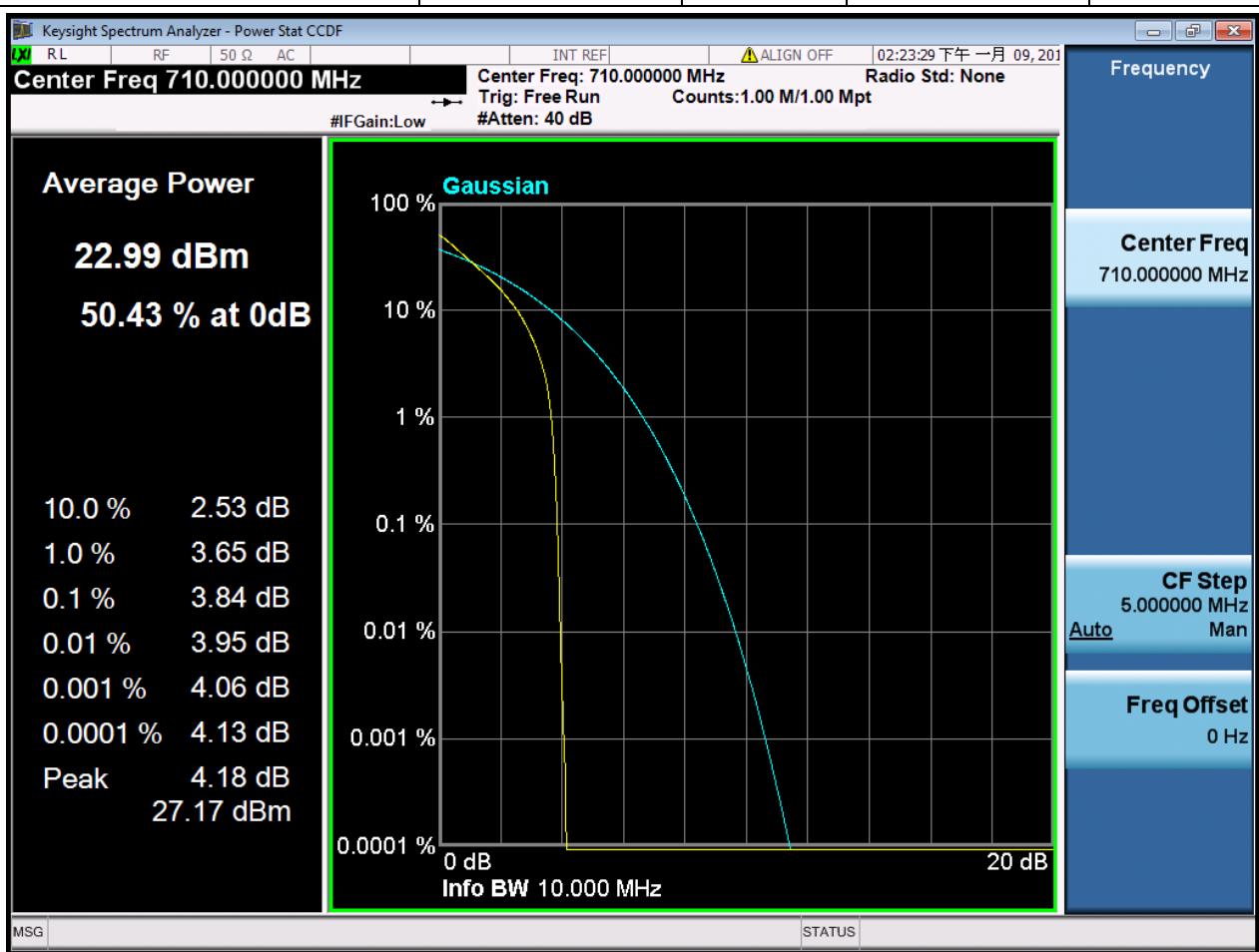
1.58. LTE Peak to Average Ratio(NTNV)(Subtest:58, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.86	13	Pass



1.59. LTE Peak to Average Ratio(NTNV)(Subtest:59, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.84	13	Pass



Average Power
22.99 dBm
50.43 % at 0dB

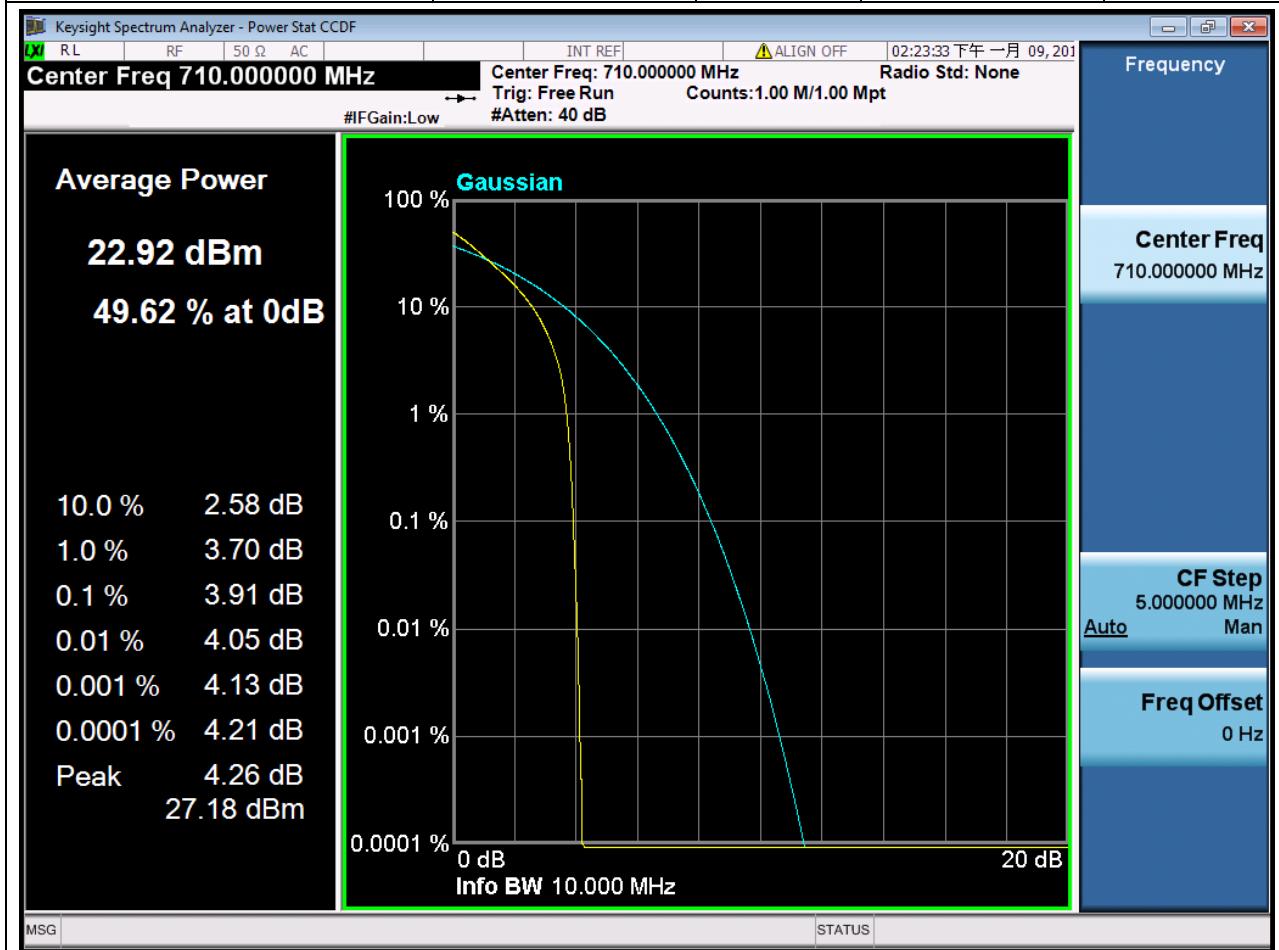
10.0 %	2.53 dB
1.0 %	3.65 dB
0.1 %	3.84 dB
0.01 %	3.95 dB
0.001 %	4.06 dB
0.0001 %	4.13 dB
Peak	4.18 dB
	27.17 dBm

Center Freq: 710.000000 MHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq: 710.000000 MHz
CF Step: 5.000000 MHz
Auto Man
Freq Offset: 0 Hz

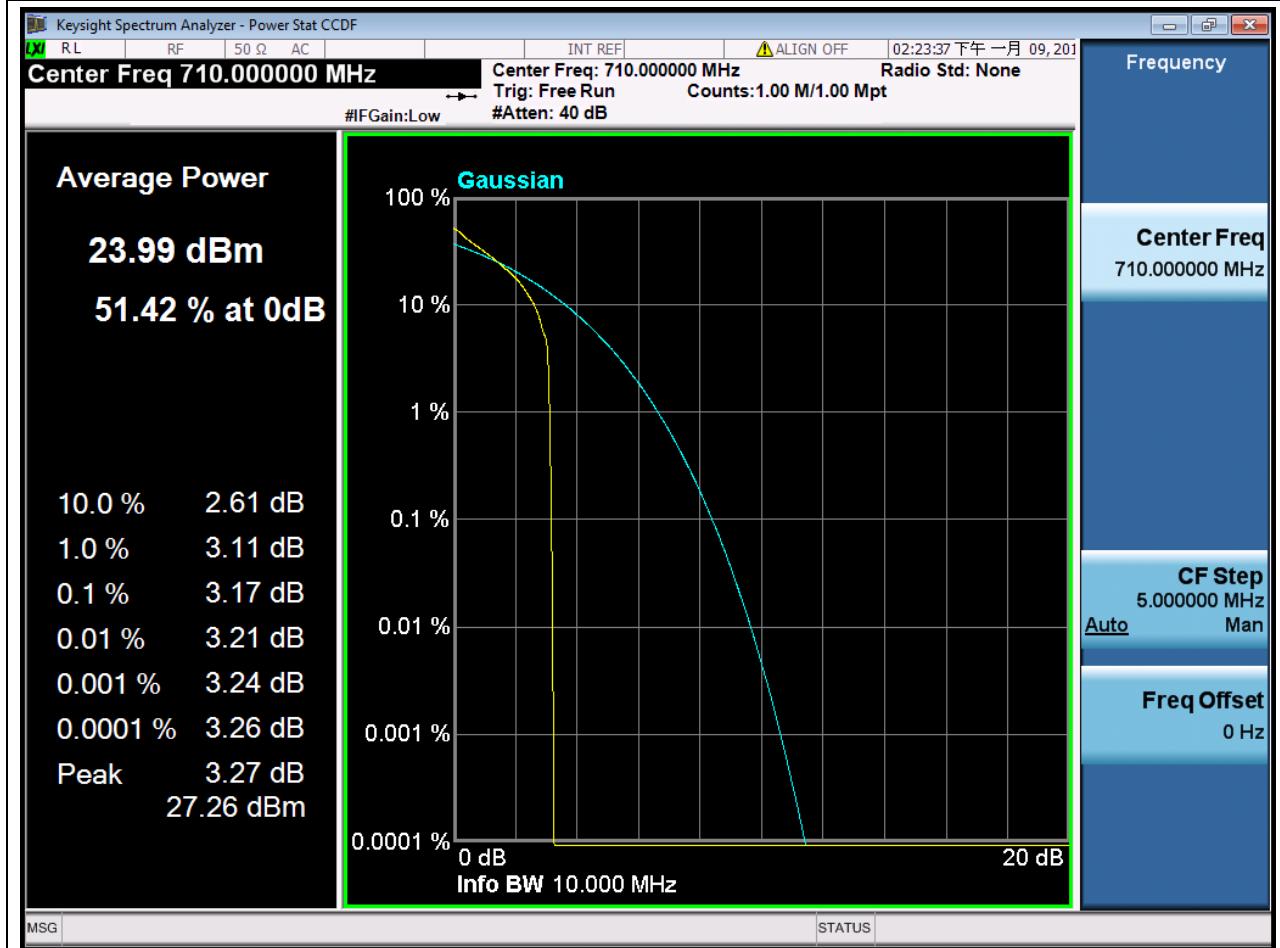
1.60. LTE Peak to Average Ratio(NTNV)(Subtest:60, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.91	13	Pass



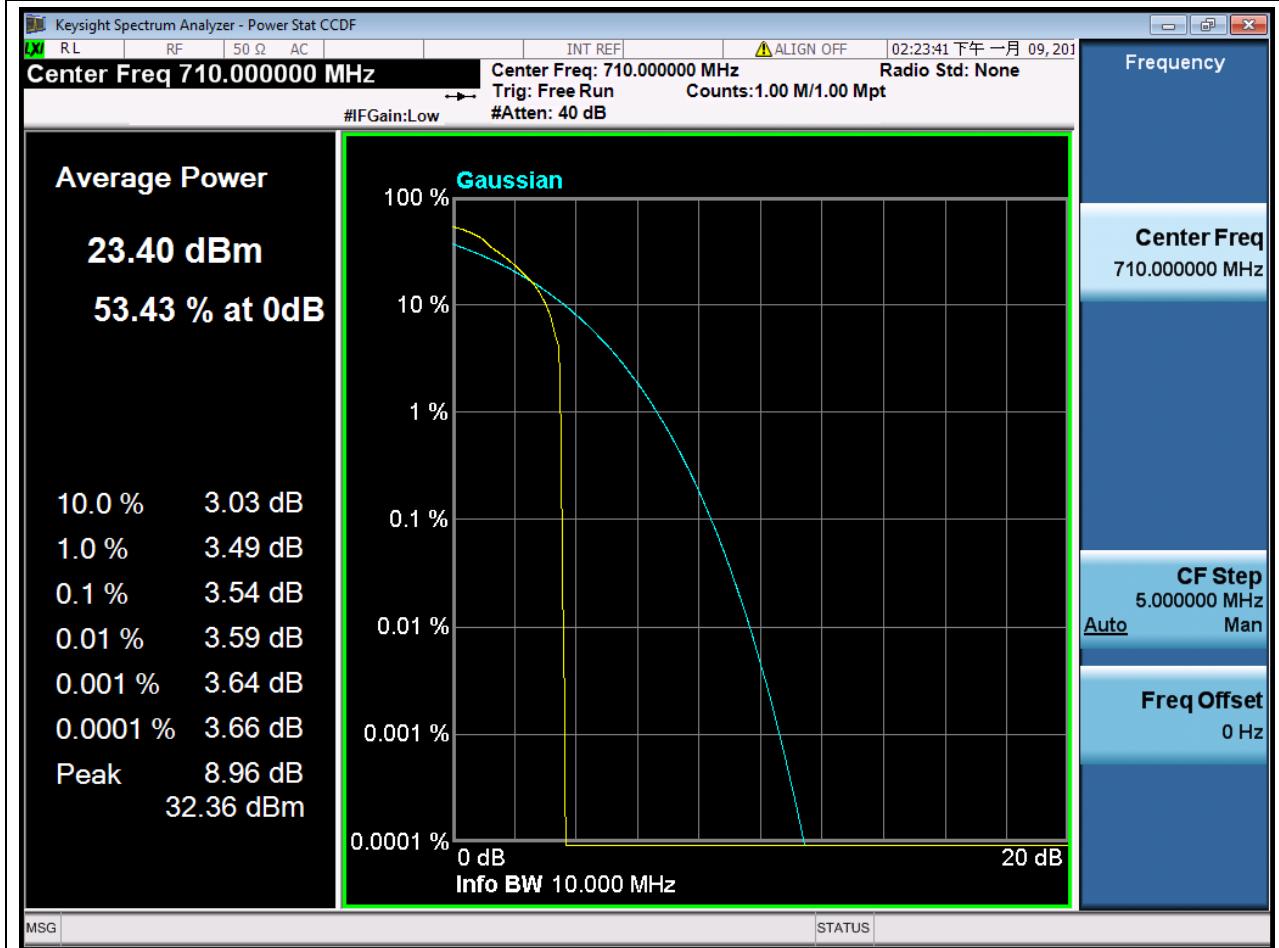
1.61. LTE Peak to Average Ratio(NTNV)(Subtest:61, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.17	13	Pass



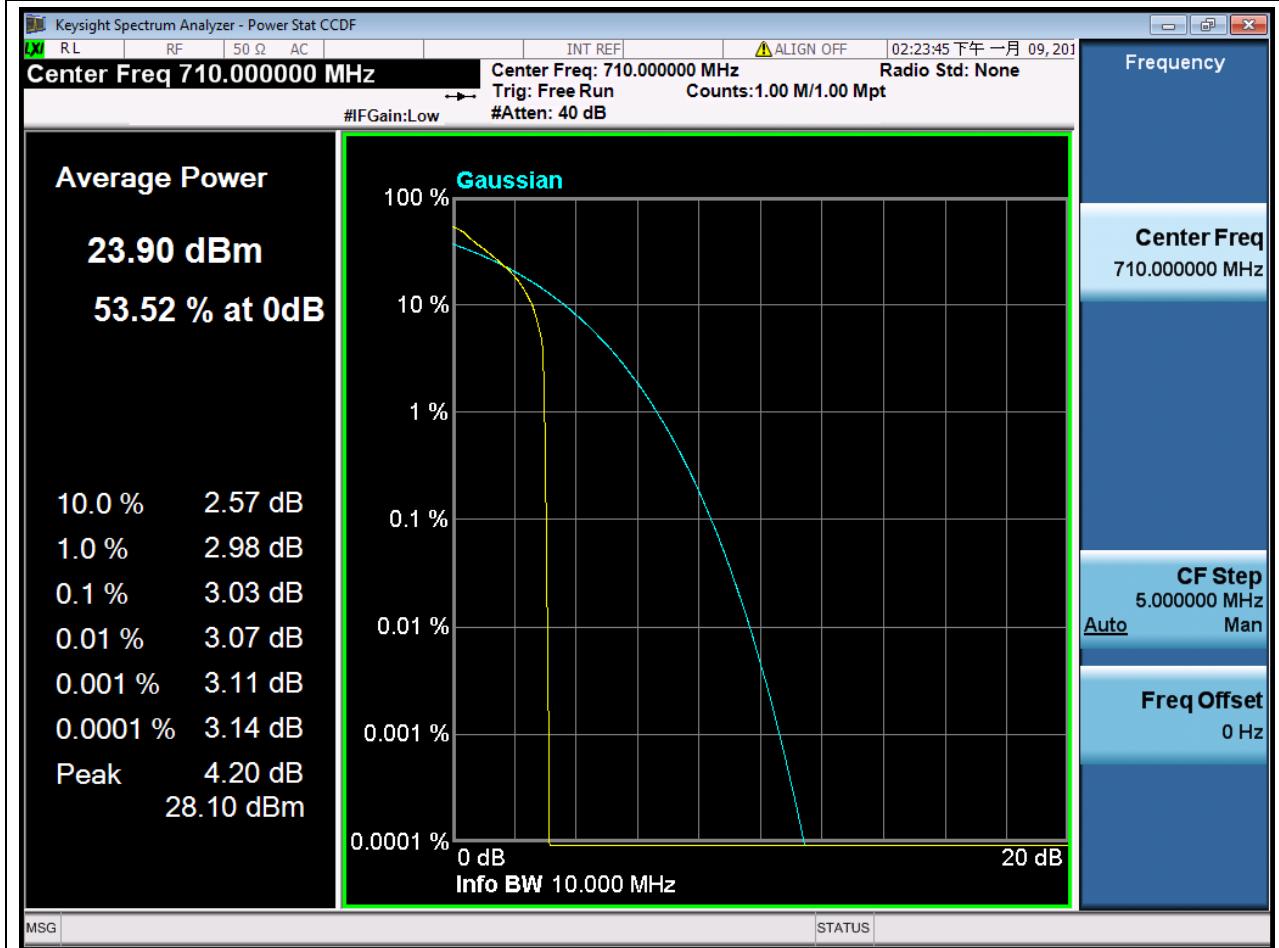
1.62. LTE Peak to Average Ratio(NTNV)(Subtest:62, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.54	13	Pass



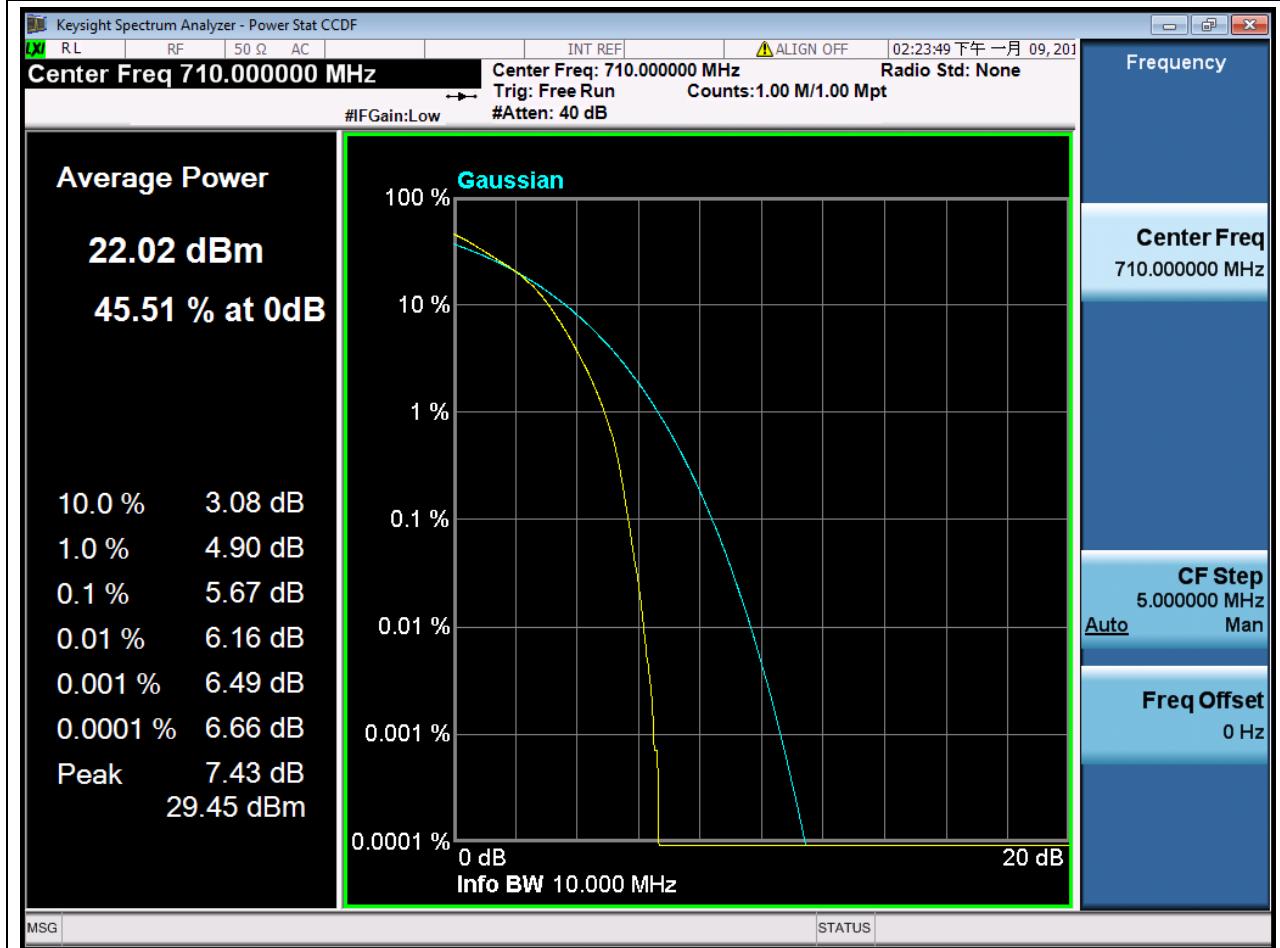
1.63. LTE Peak to Average Ratio(NTNV)(Subtest:63, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	3.03	13	Pass



1.64. LTE Peak to Average Ratio(NTNV)(Subtest:64, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.67	13	Pass



1.65. LTE Peak to Average Ratio(NTNV)(Subtest:65, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.33	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 02:23:53 下午 一月 09, 201

Center Freq 710.000000 MHz Center Freq: 710.000000 MHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
22.10 dBm
44.76 % at 0dB

10.0 % 3.08 dB
1.0 % 4.84 dB
0.1 % 5.33 dB
0.01 % 5.46 dB
0.001 % 5.53 dB
0.0001 % 5.64 dB
Peak 5.79 dB
27.89 dBm

Gaussian



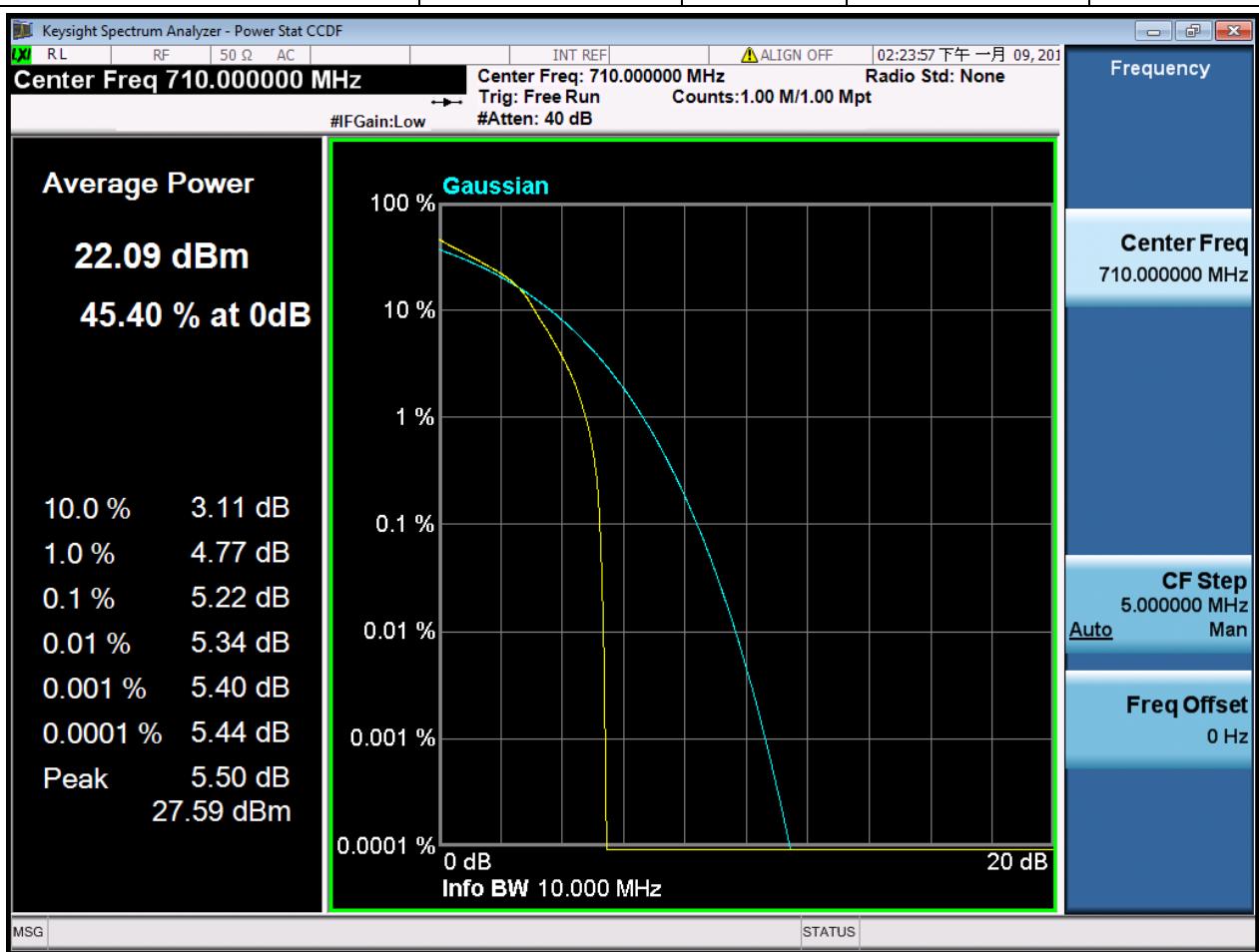
0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 710.000000 MHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.66. LTE Peak to Average Ratio(NTNV)(Subtest:66, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.22	13	Pass



Average Power
22.09 dBm
45.40 % at 0dB

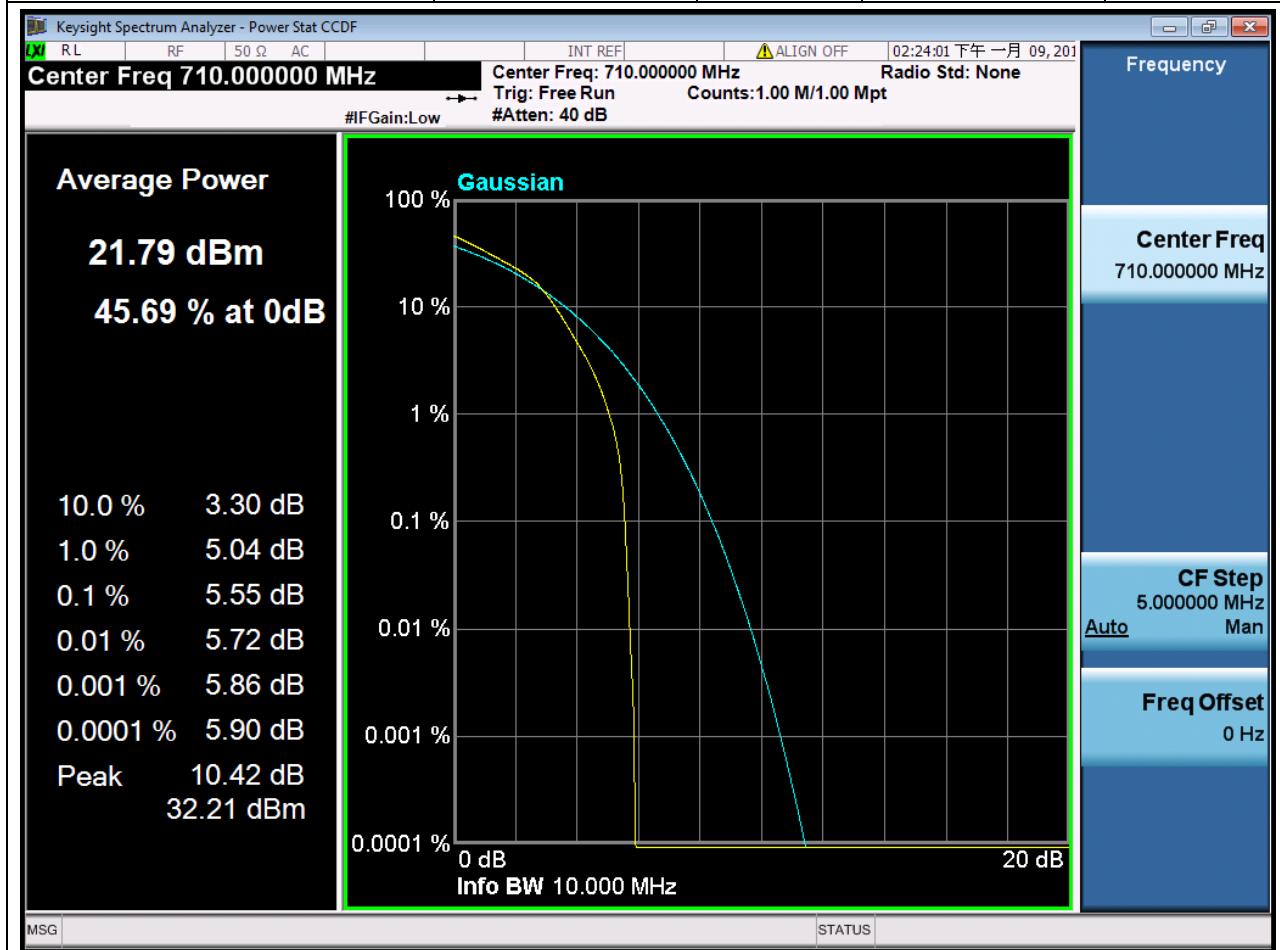
10.0 %	3.11 dB
1.0 %	4.77 dB
0.1 %	5.22 dB
0.01 %	5.34 dB
0.001 %	5.40 dB
0.0001 %	5.44 dB
Peak	5.50 dB
	27.59 dBm

Center Freq: 710.000000 MHz
Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq: 710.000000 MHz
CF Step: 5.000000 MHz
Auto Man
Freq Offset: 0 Hz

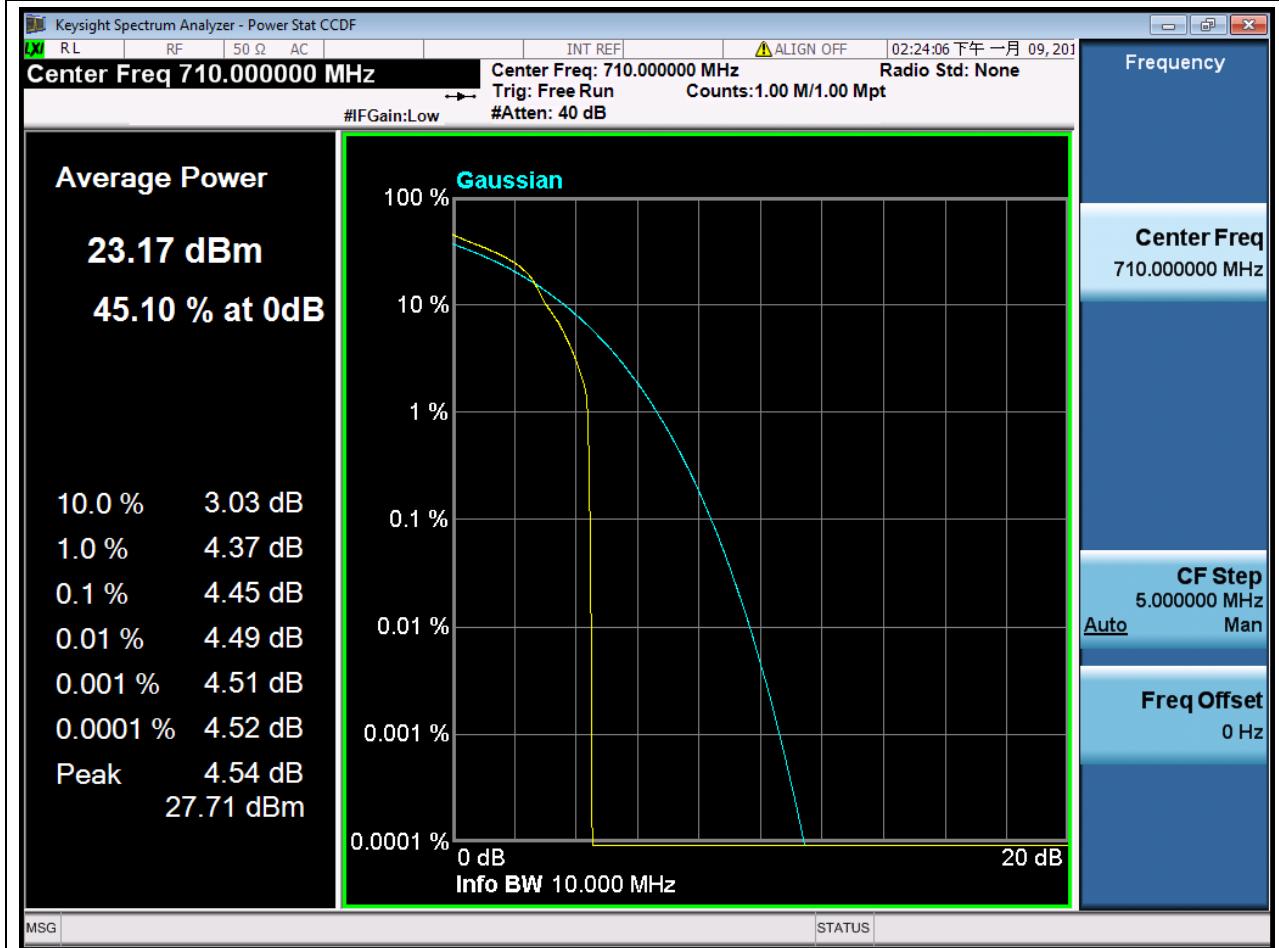
1.67. LTE Peak to Average Ratio(NTNV)(Subtest:67, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.55	13	Pass



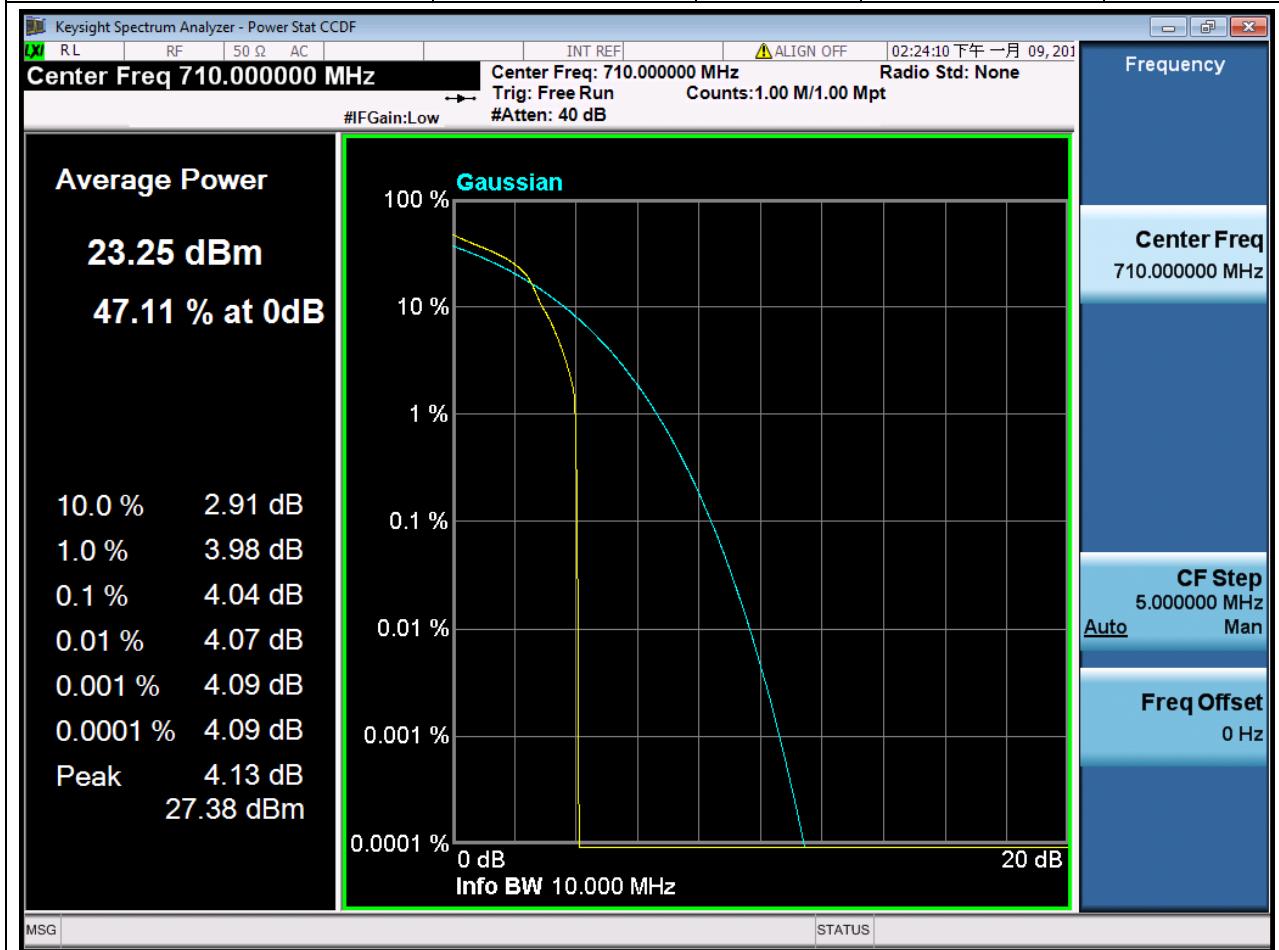
1.68. LTE Peak to Average Ratio(NTNV)(Subtest:68, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	4.45	13	Pass



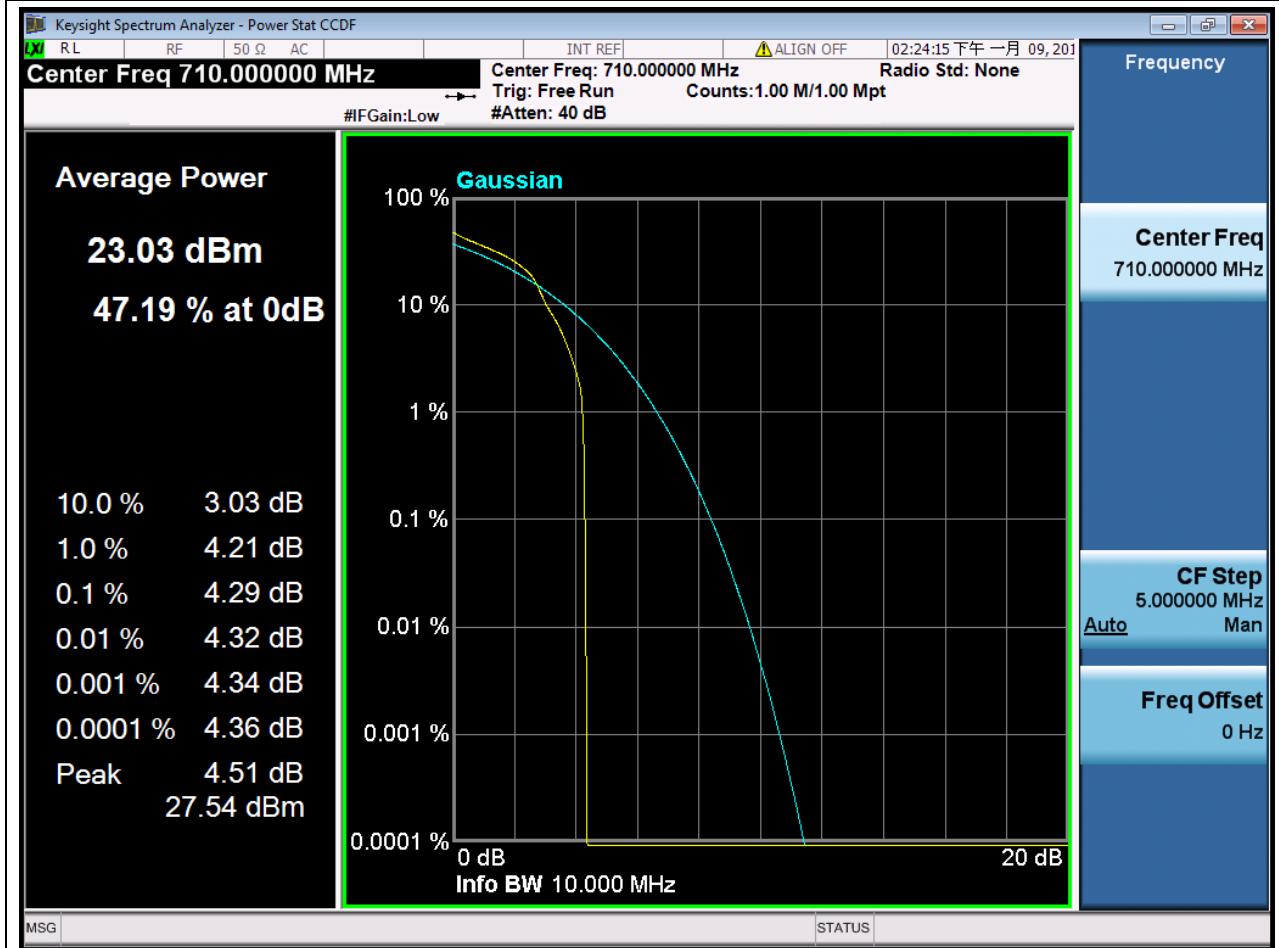
1.69. LTE Peak to Average Ratio(NTNV)(Subtest:69, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	4.04	13	Pass



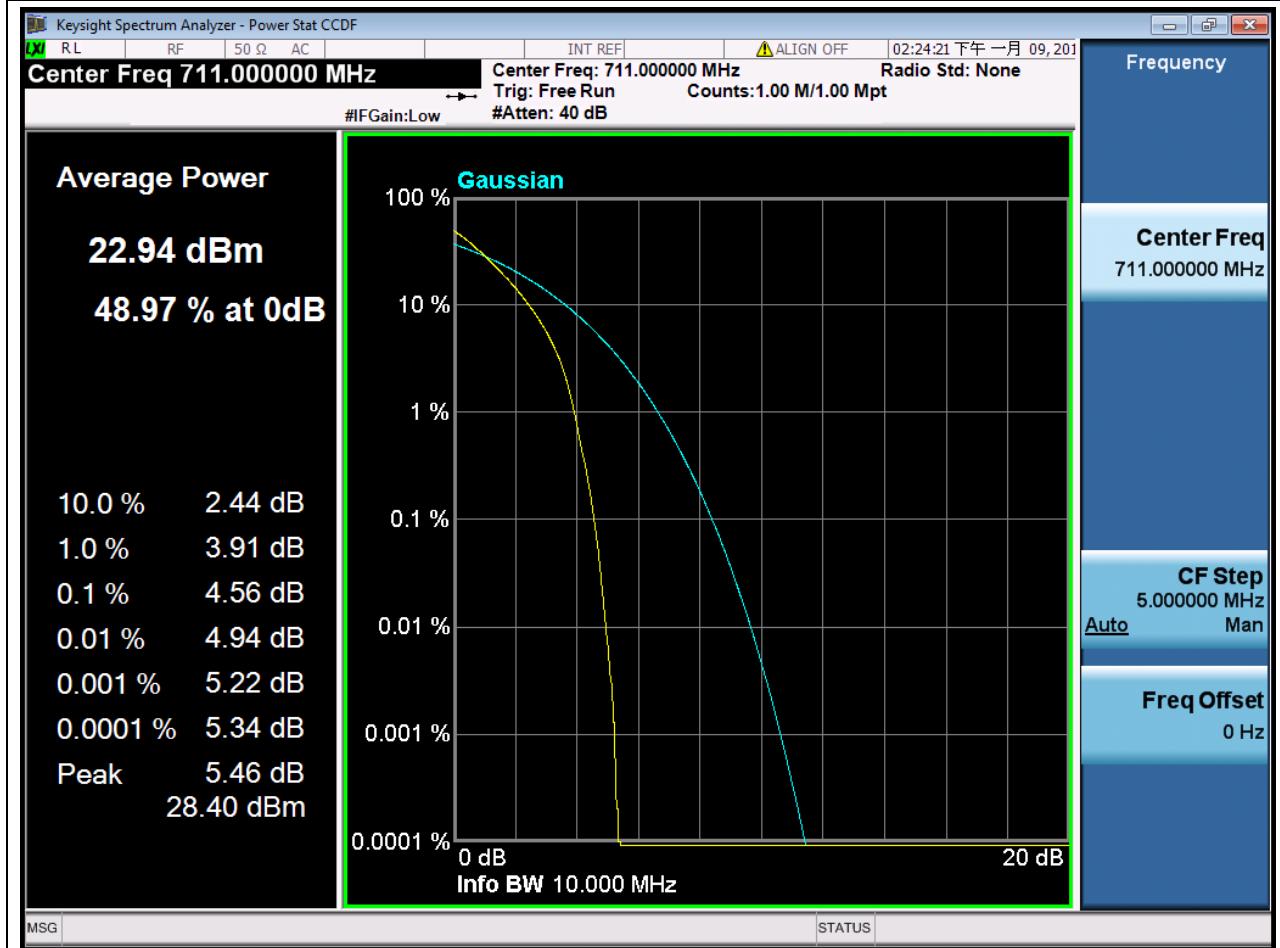
1.70. LTE Peak to Average Ratio(NTNV)(Subtest:70, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	4.29	13	Pass



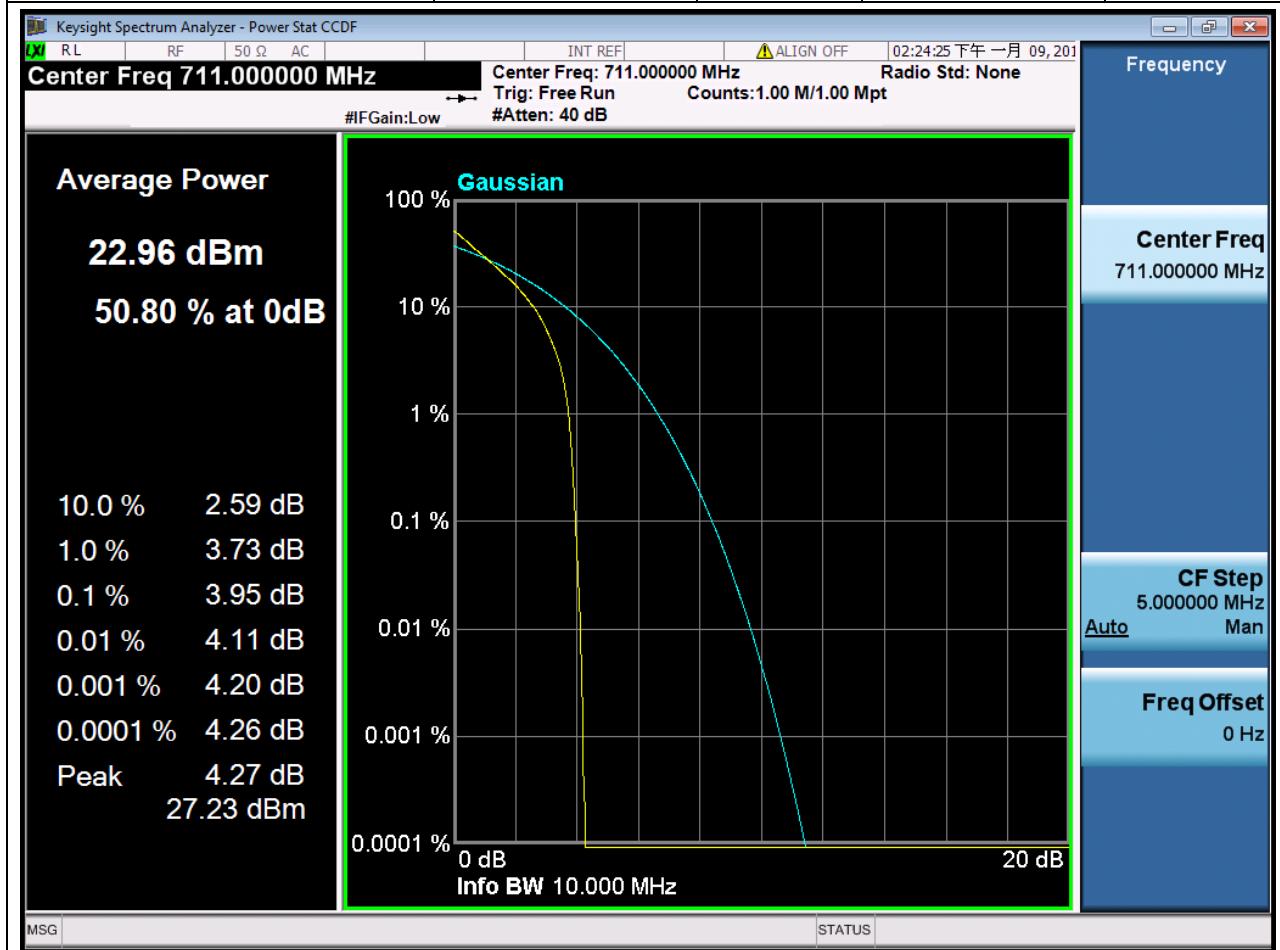
1.71. LTE Peak to Average Ratio(NTNV)(Subtest:71, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.56	13	Pass



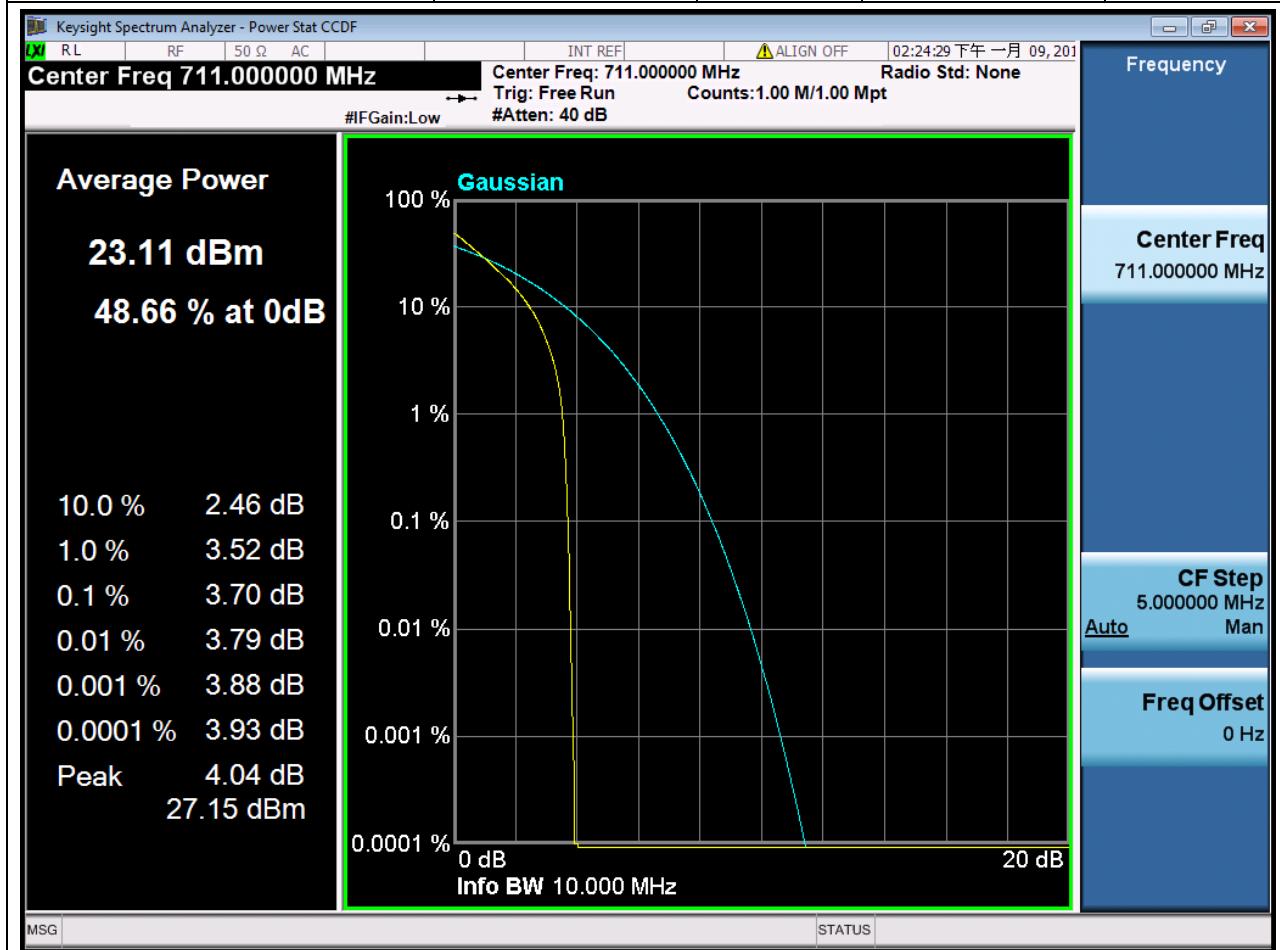
1.72. LTE Peak to Average Ratio(NTNV)(Subtest:72, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	3.95	13	Pass



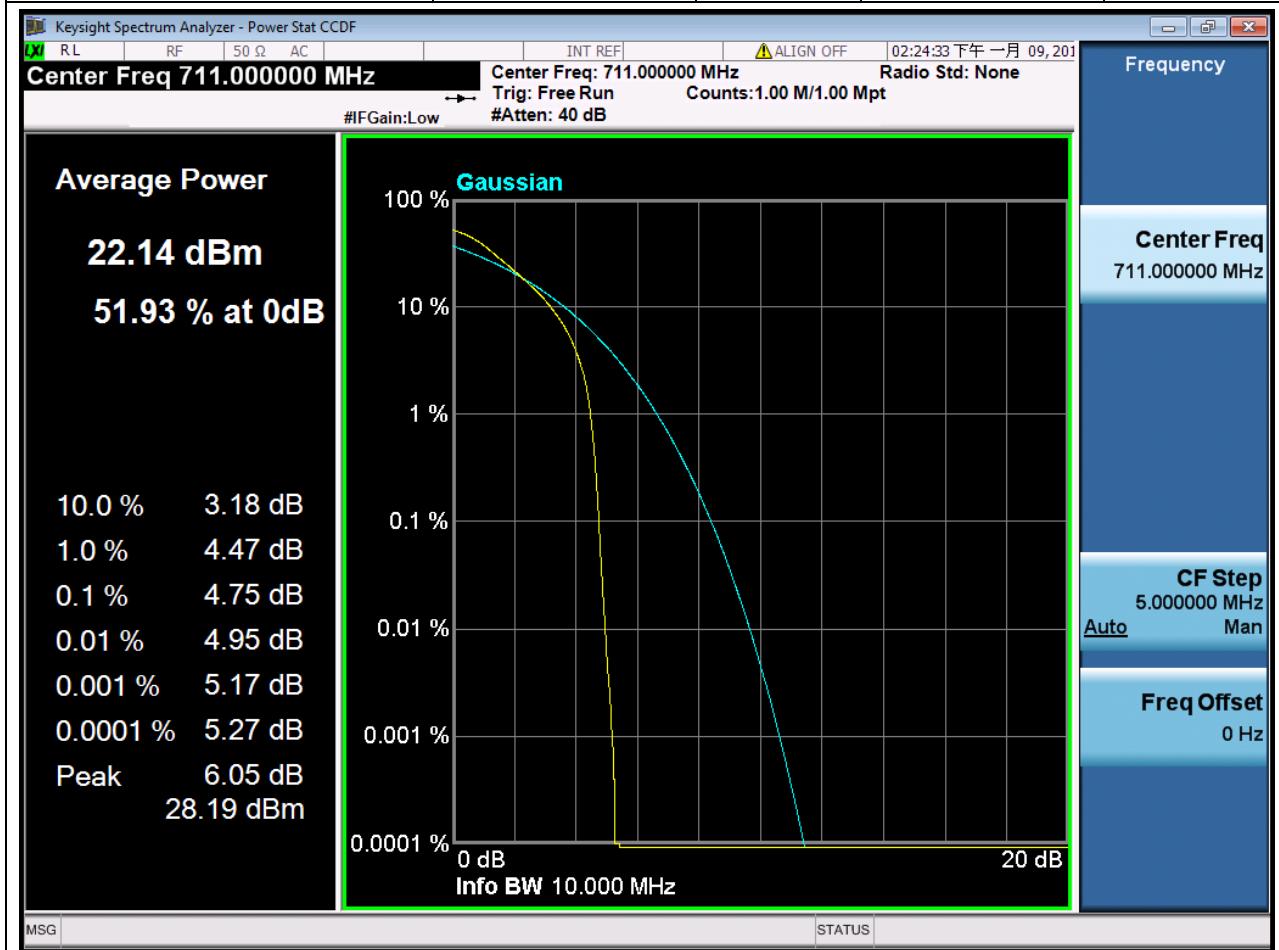
1.73. LTE Peak to Average Ratio(NTNV)(Subtest:73, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	3.7	13	Pass



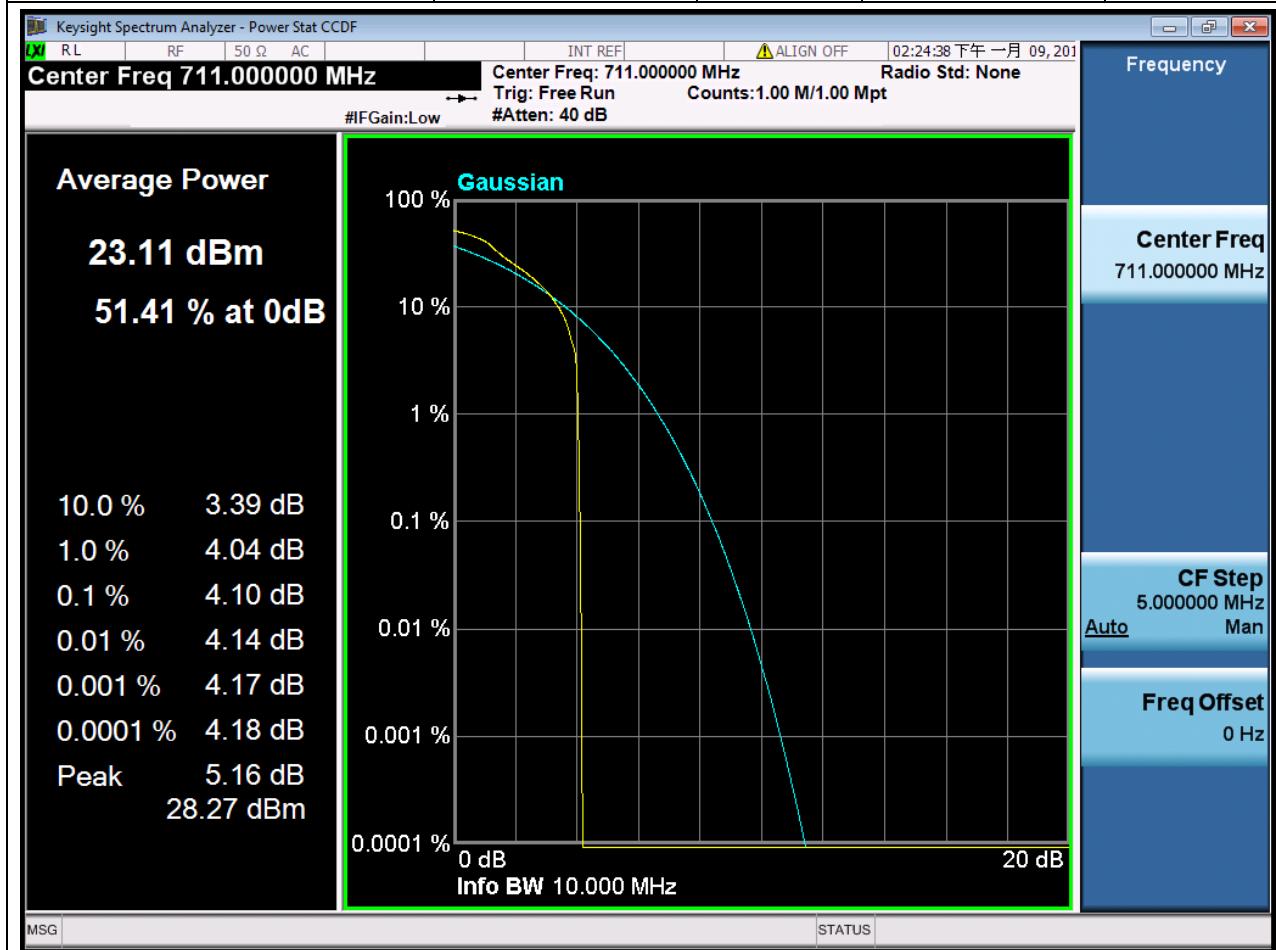
1.74. LTE Peak to Average Ratio(NTNV)(Subtest:74, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.75	13	Pass



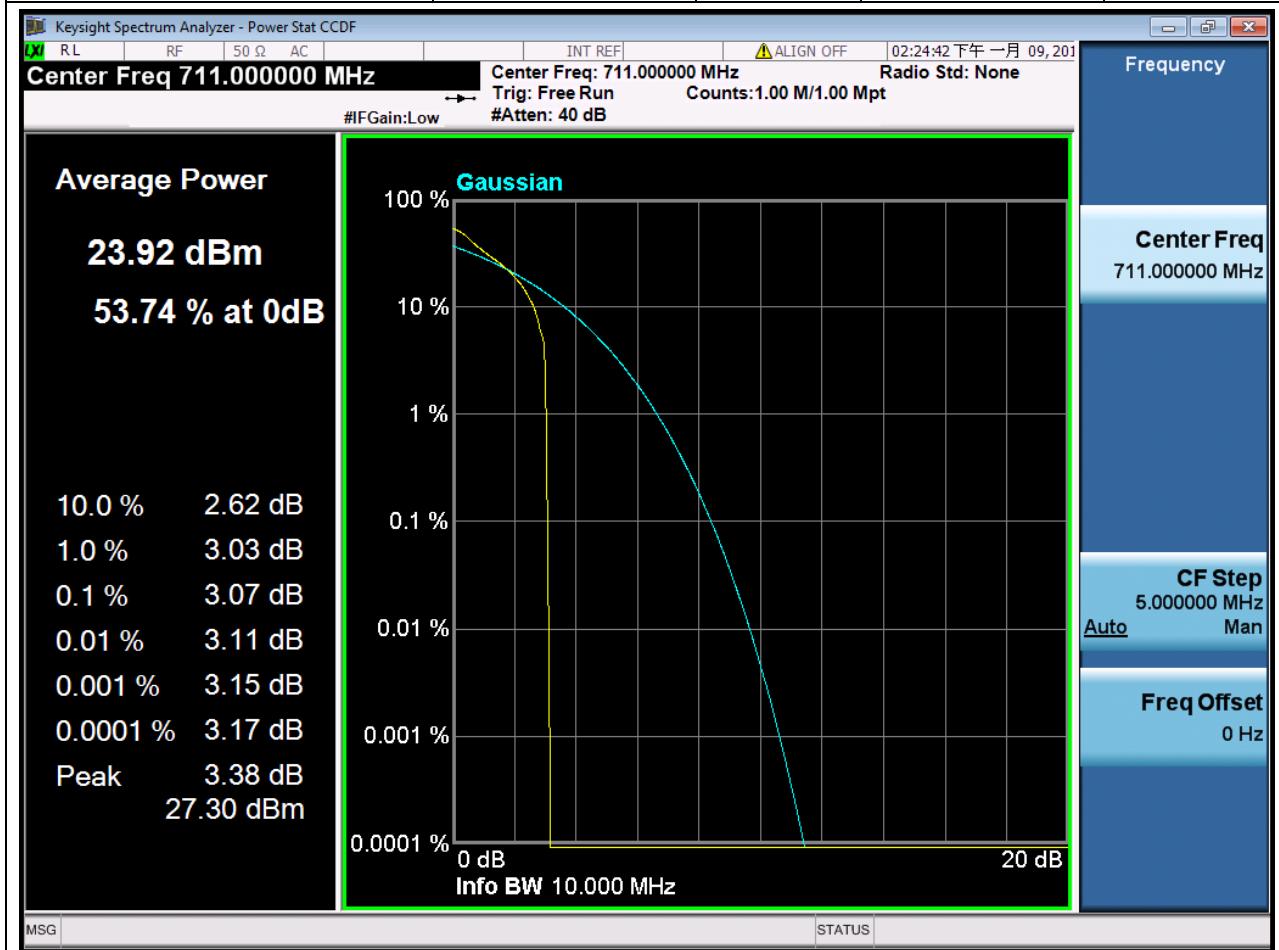
1.75. LTE Peak to Average Ratio(NTNV)(Subtest:75, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.1	13	Pass



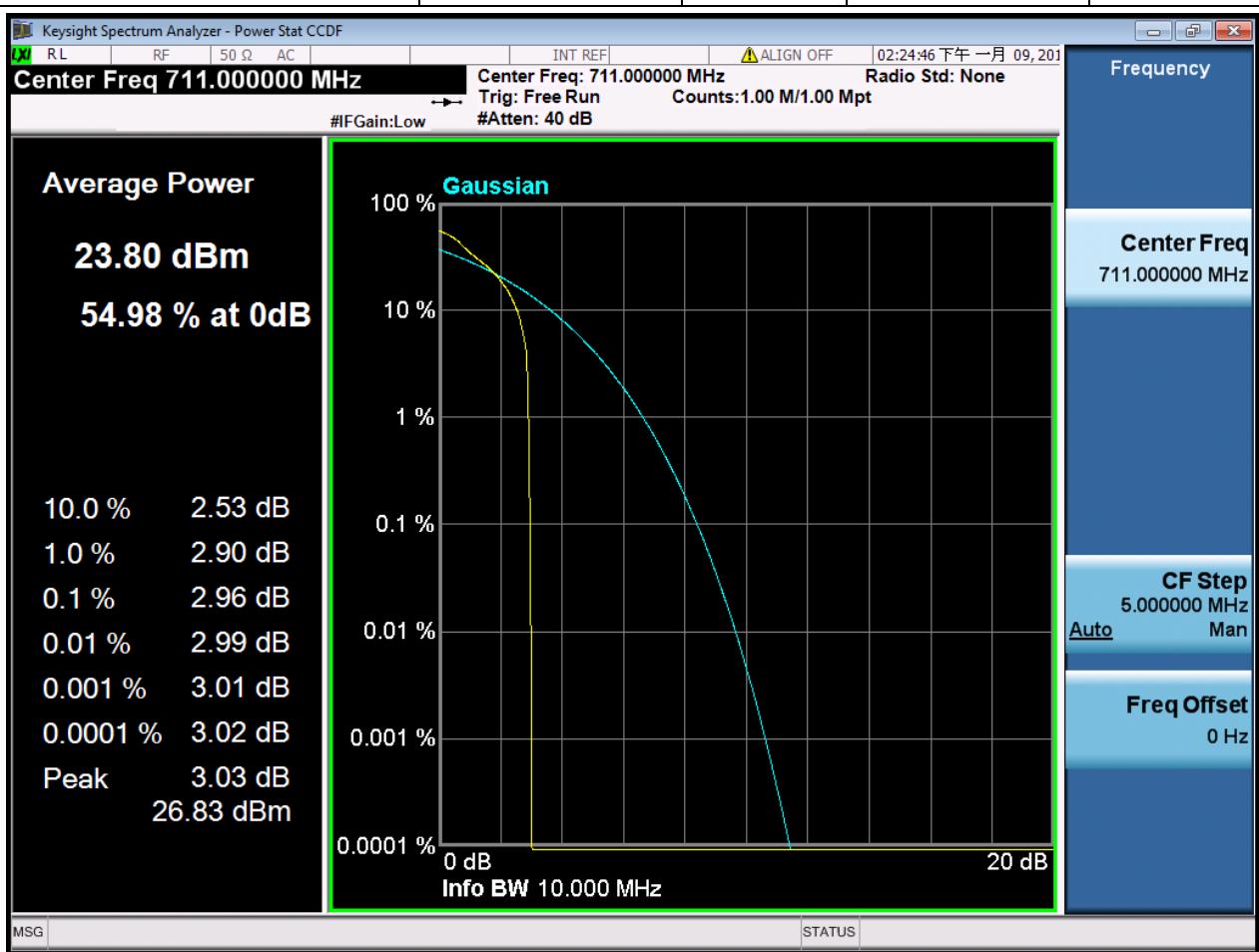
1.76. LTE Peak to Average Ratio(NTNV)(Subtest:76, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	3.07	13	Pass



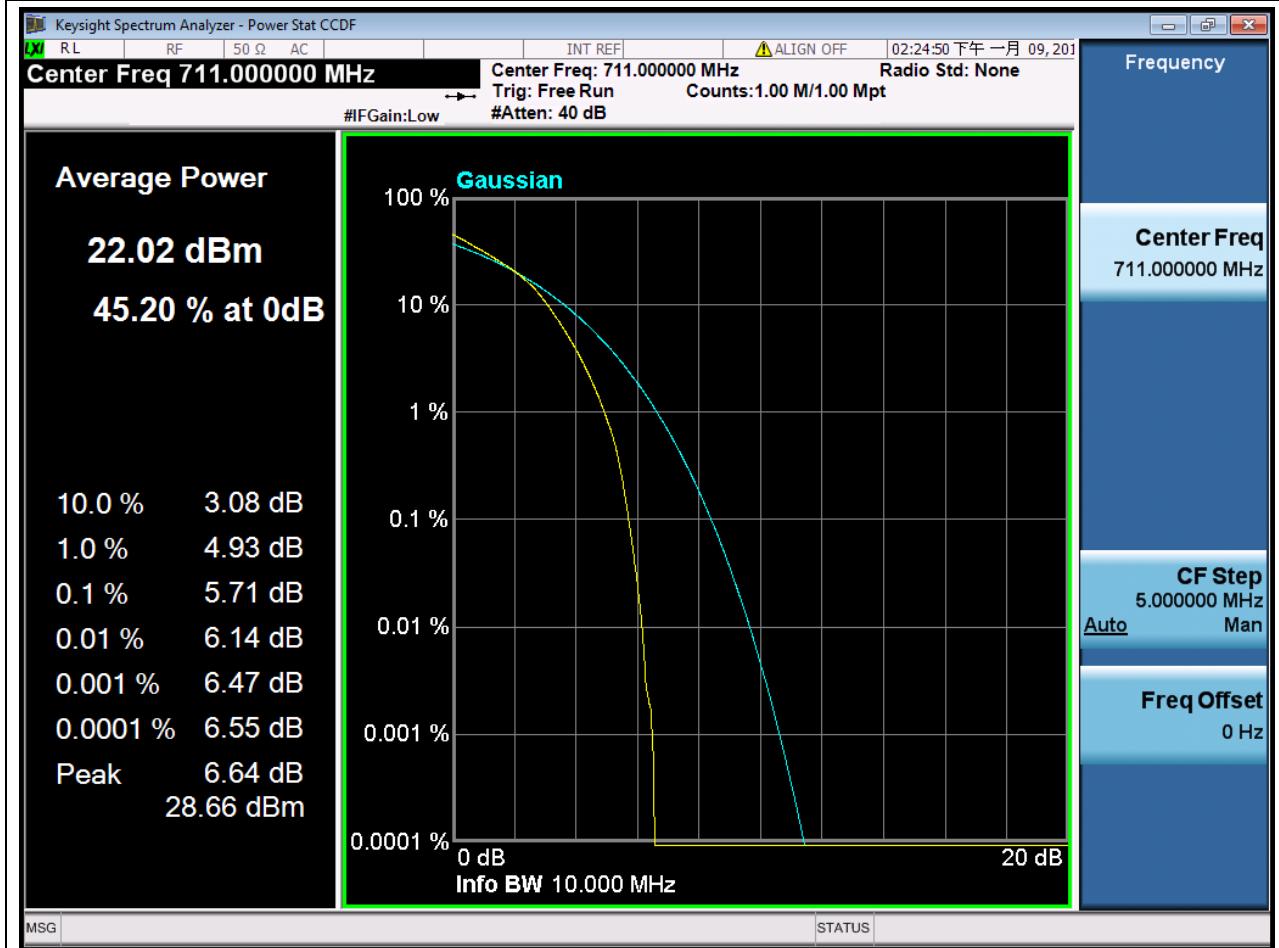
1.77. LTE Peak to Average Ratio(NTNV)(Subtest:77, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	2.96	13	Pass



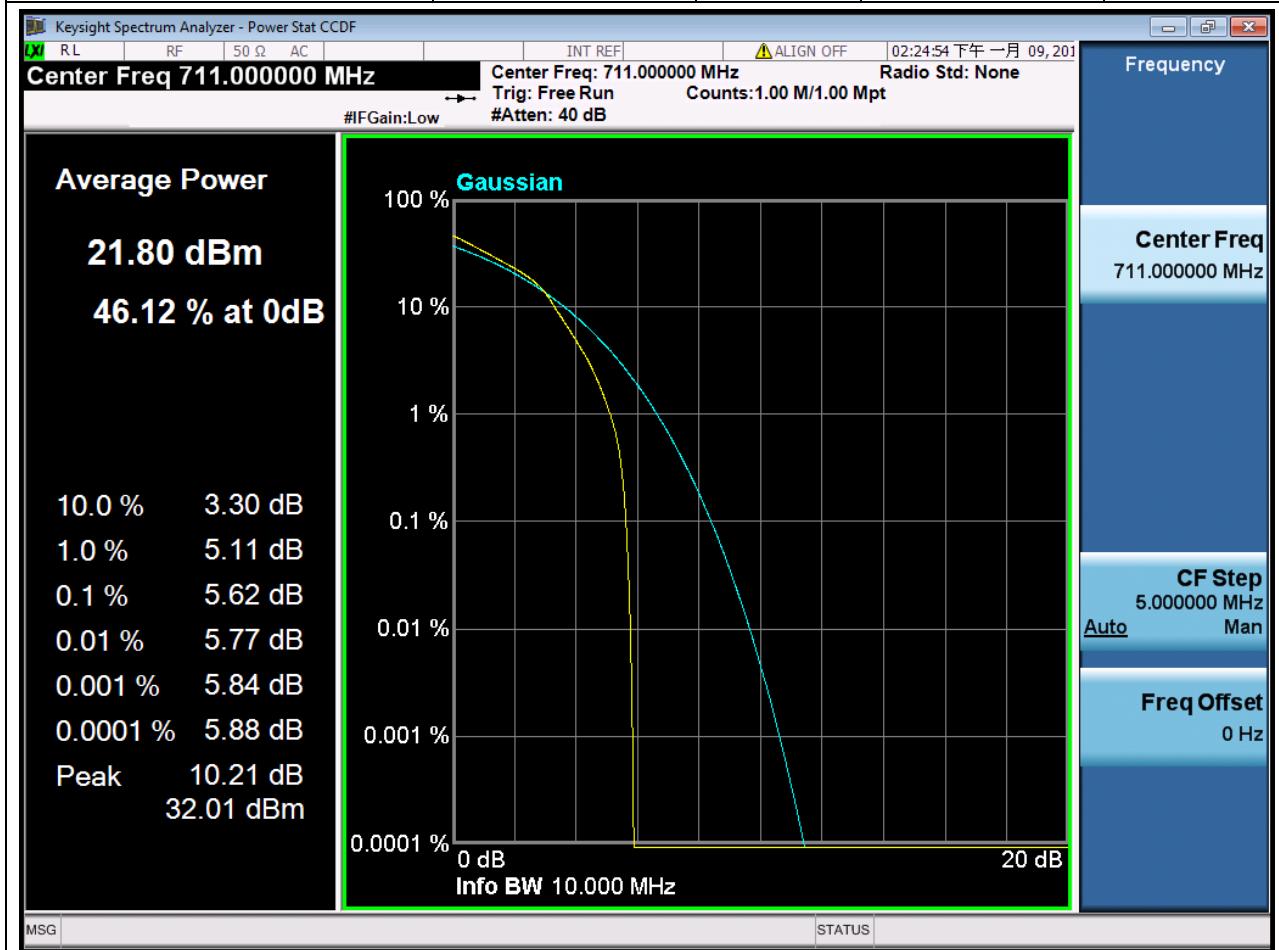
1.78. LTE Peak to Average Ratio(NTNV)(Subtest:78, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.71	13	Pass



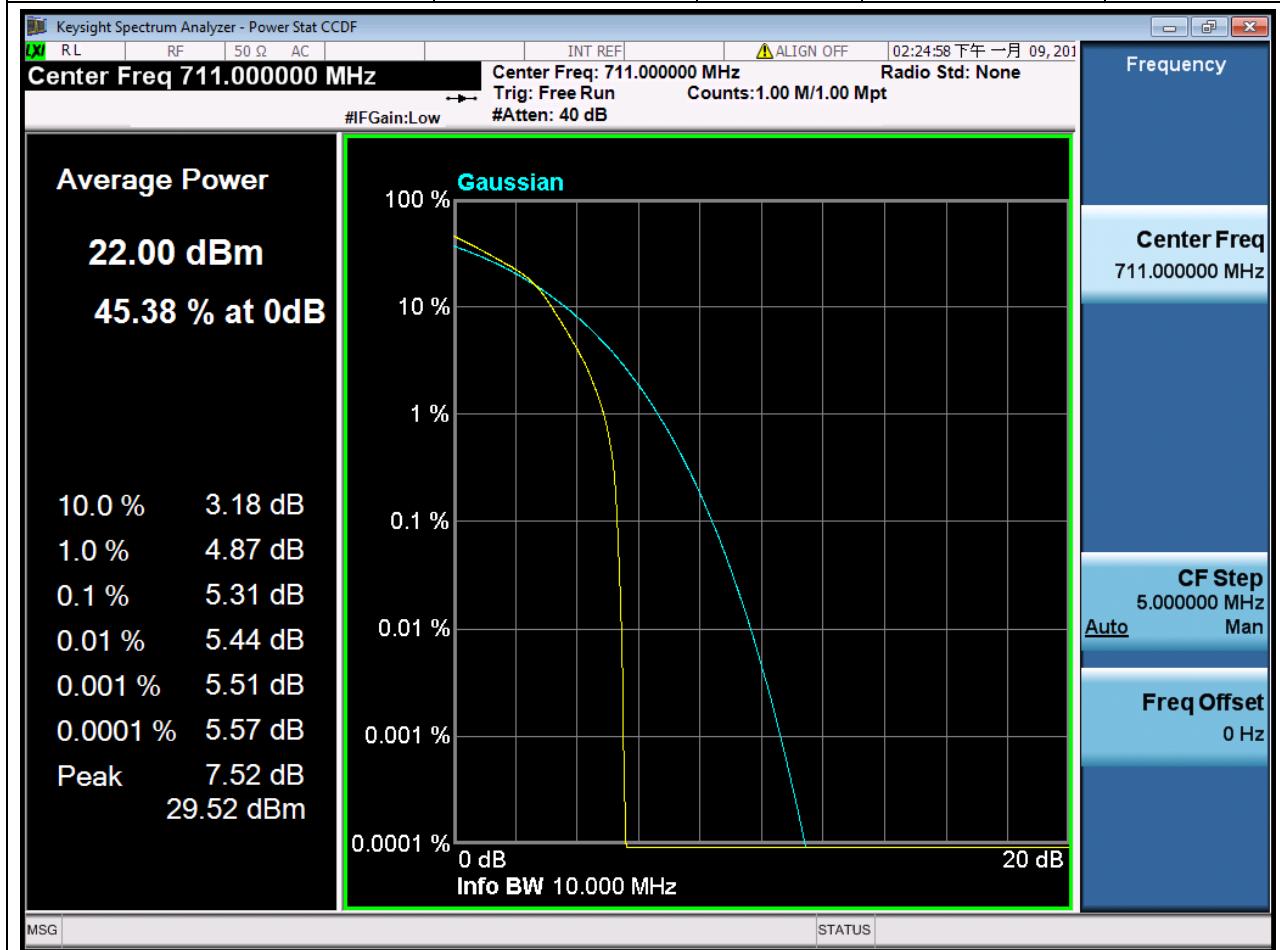
1.79. LTE Peak to Average Ratio(NTNV)(Subtest:79, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.62	13	Pass



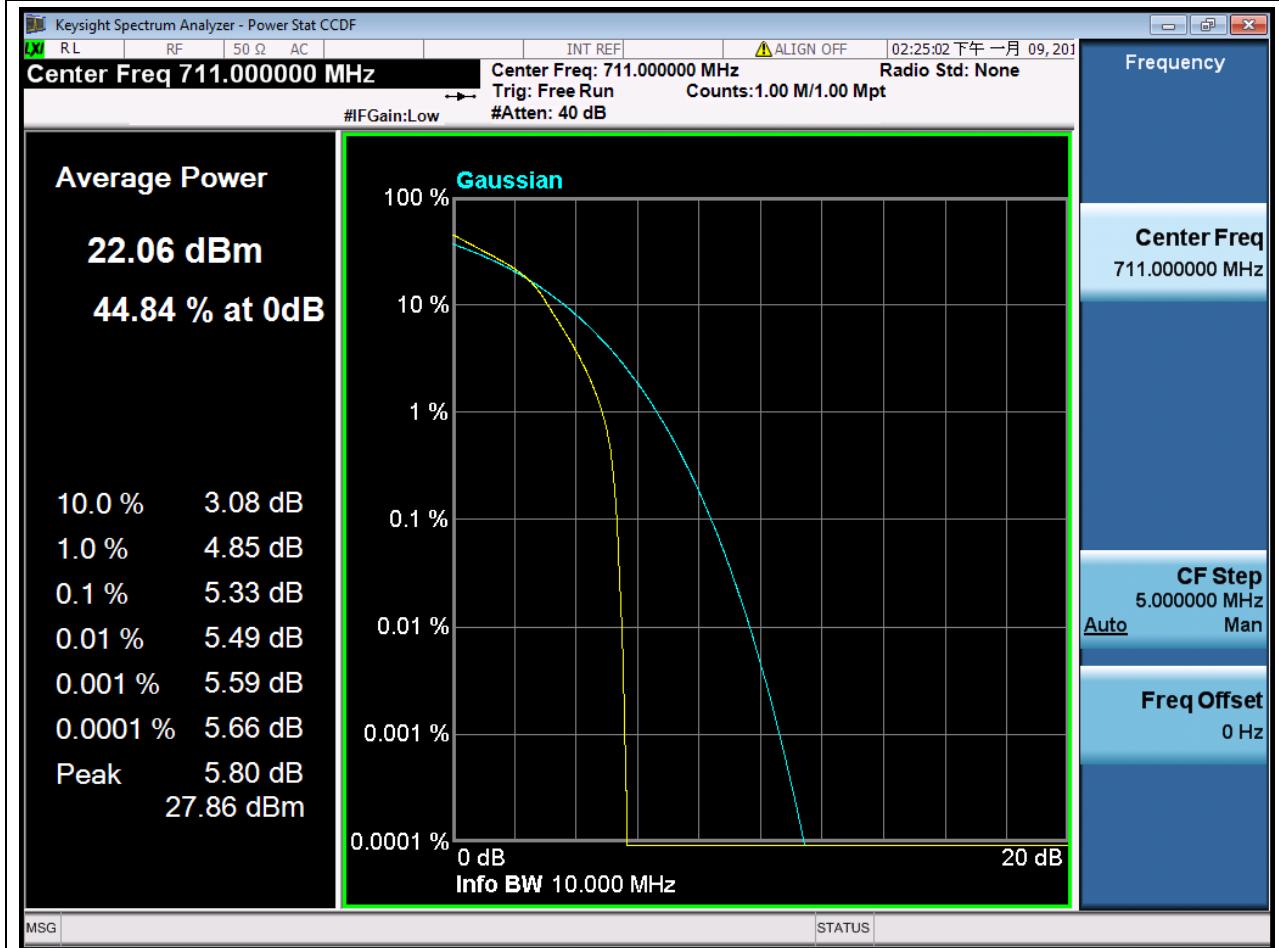
1.80. LTE Peak to Average Ratio(NTNV)(Subtest:80, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.31	13	Pass



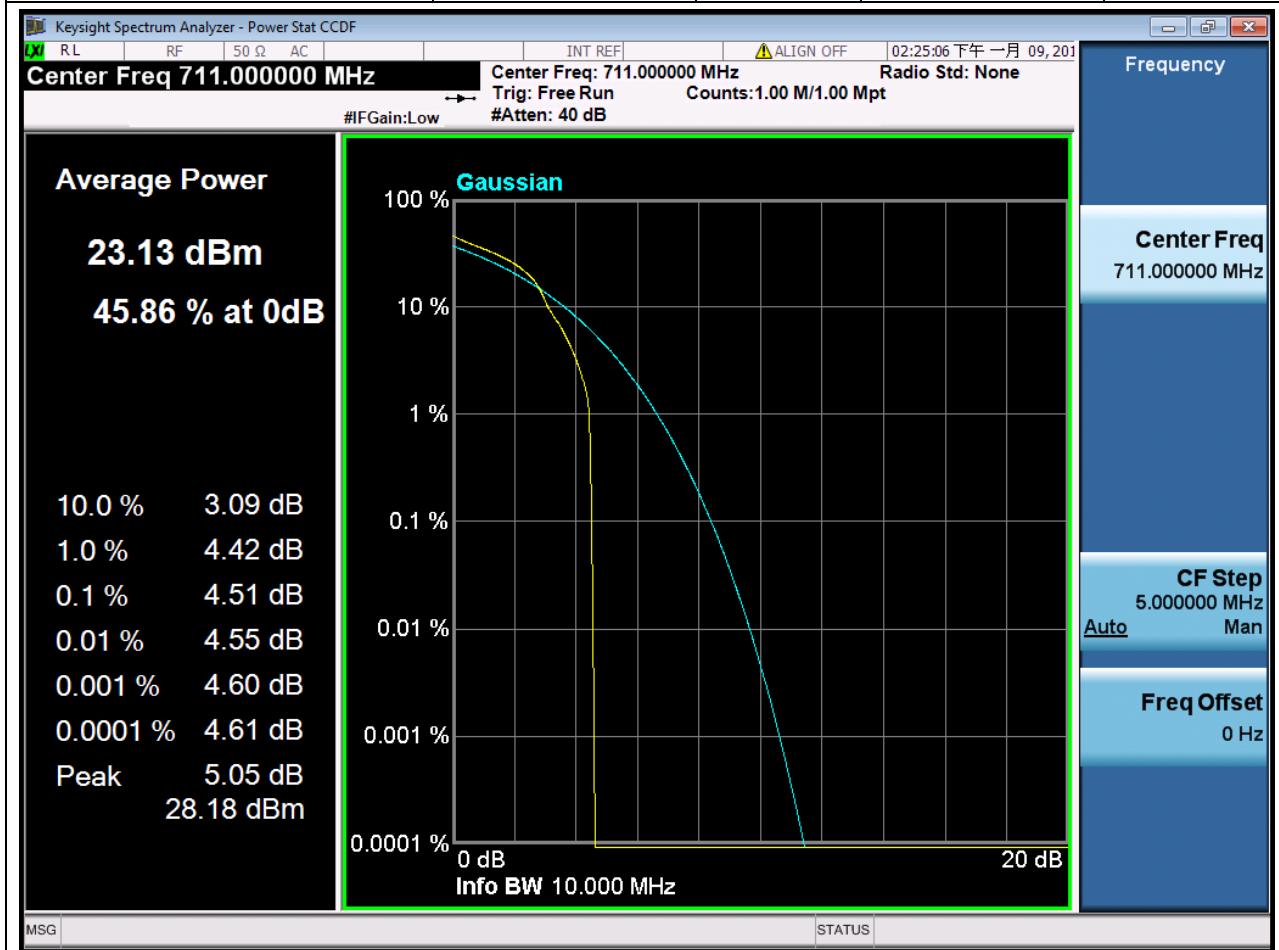
1.81. LTE Peak to Average Ratio(NTNV)(Subtest:81, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.33	13	Pass



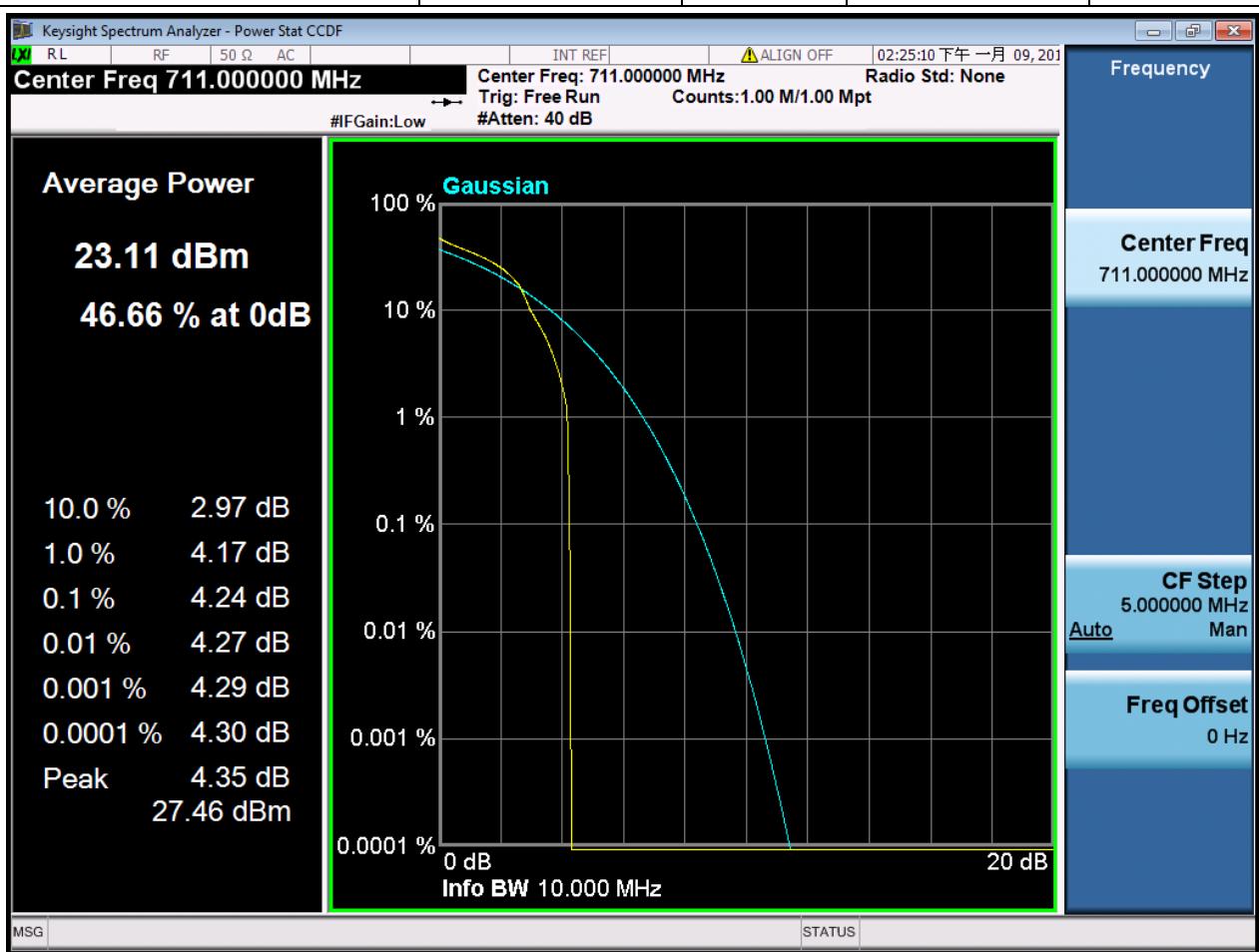
1.82. LTE Peak to Average Ratio(NTNV)(Subtest:82, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.51	13	Pass



1.83. LTE Peak to Average Ratio(NTNV)(Subtest:83, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.24	13	Pass



Average Power
23.11 dBm
46.66 % at 0dB

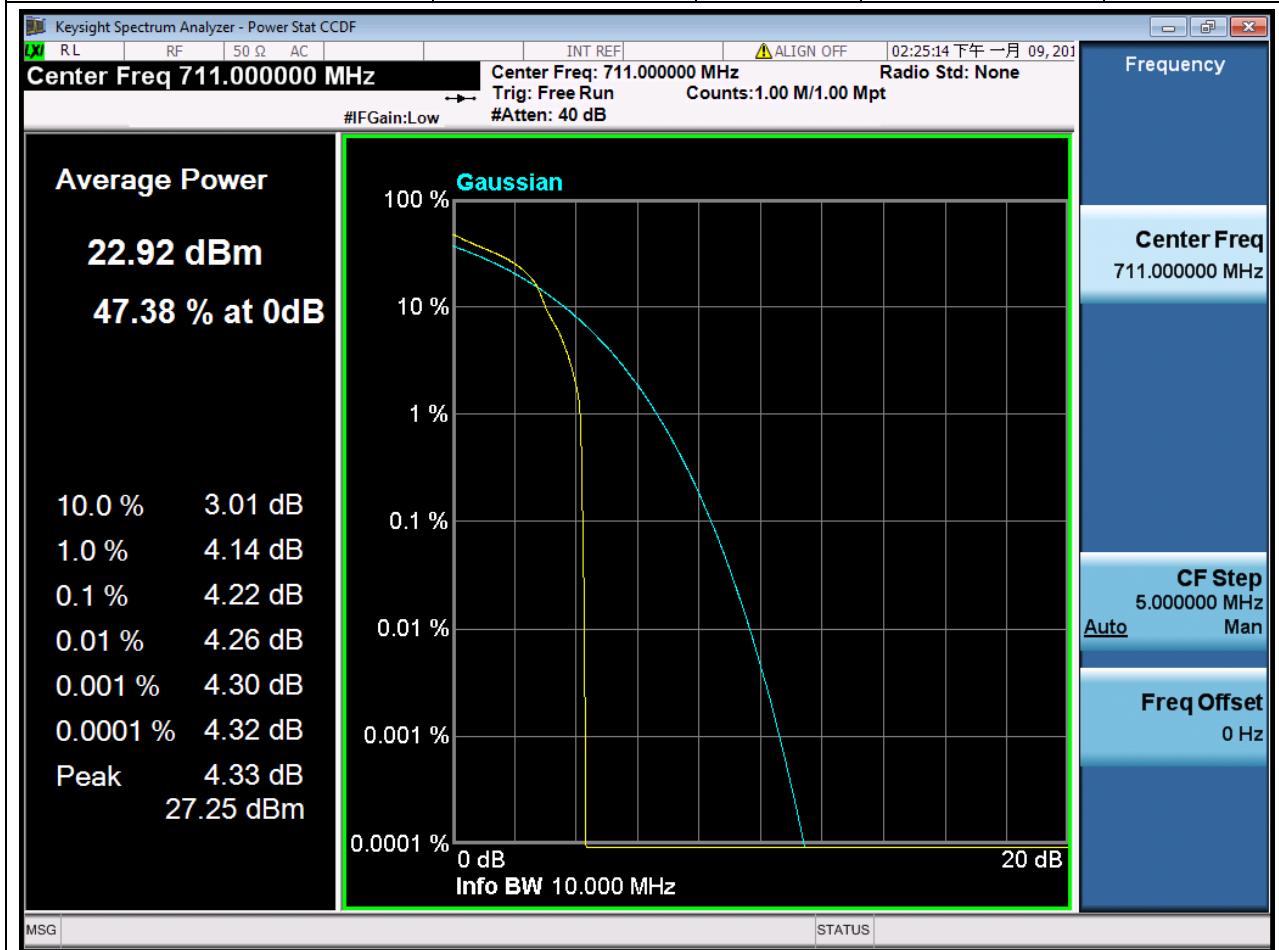
10.0 %	2.97 dB
1.0 %	4.17 dB
0.1 %	4.24 dB
0.01 %	4.27 dB
0.001 %	4.29 dB
0.0001 %	4.30 dB
Peak	4.35 dB
	27.46 dBm

Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
Counts: 1.00 M/1.00 Mpt
#Atten: 40 dB

Frequency
Center Freq
711.000000 MHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz

1.84. LTE Peak to Average Ratio(NTNV)(Subtest:84, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.22	13	Pass



END