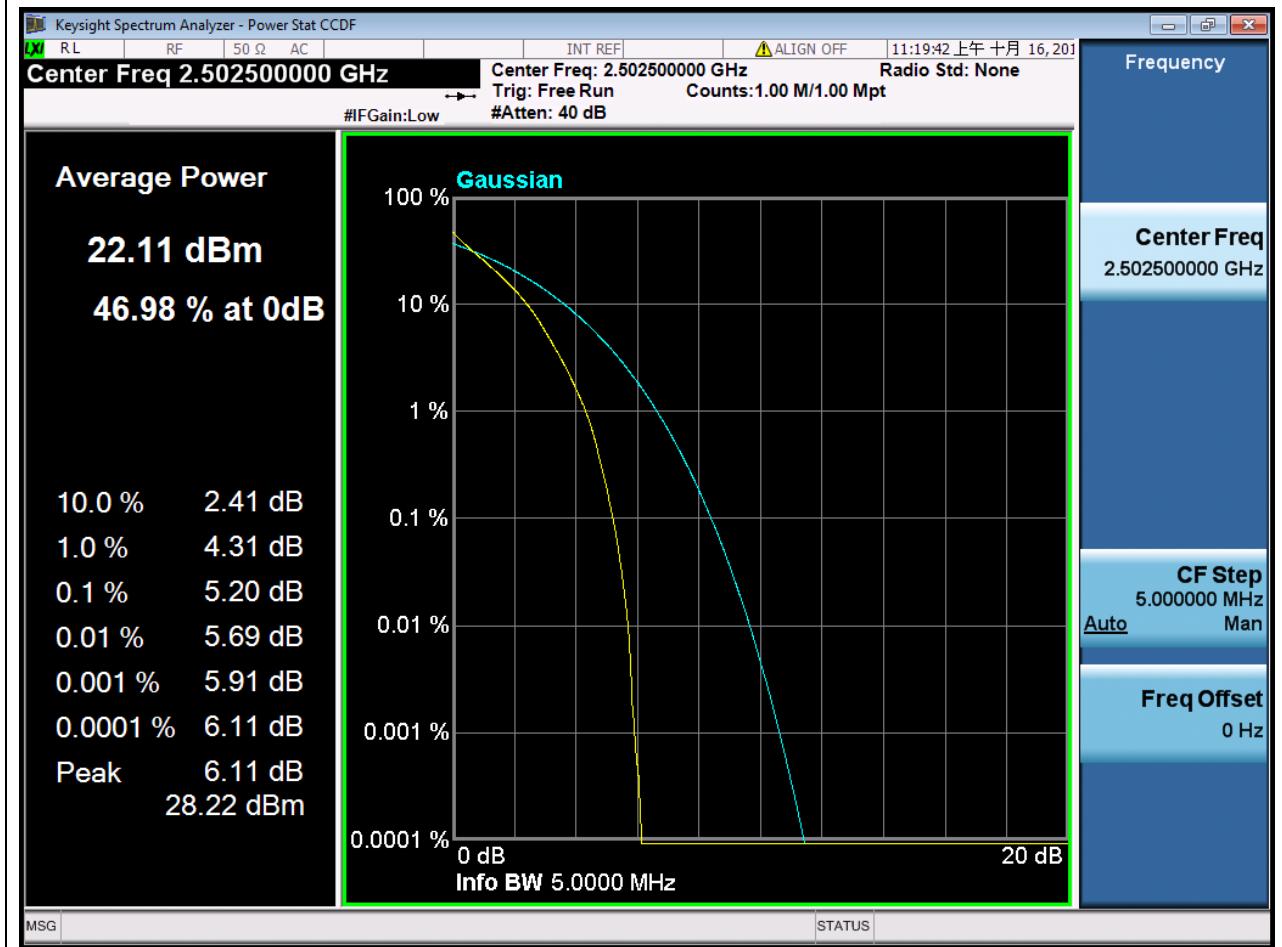


Annex B. LTE Peak to Average Ratio

1. LTE_Band7

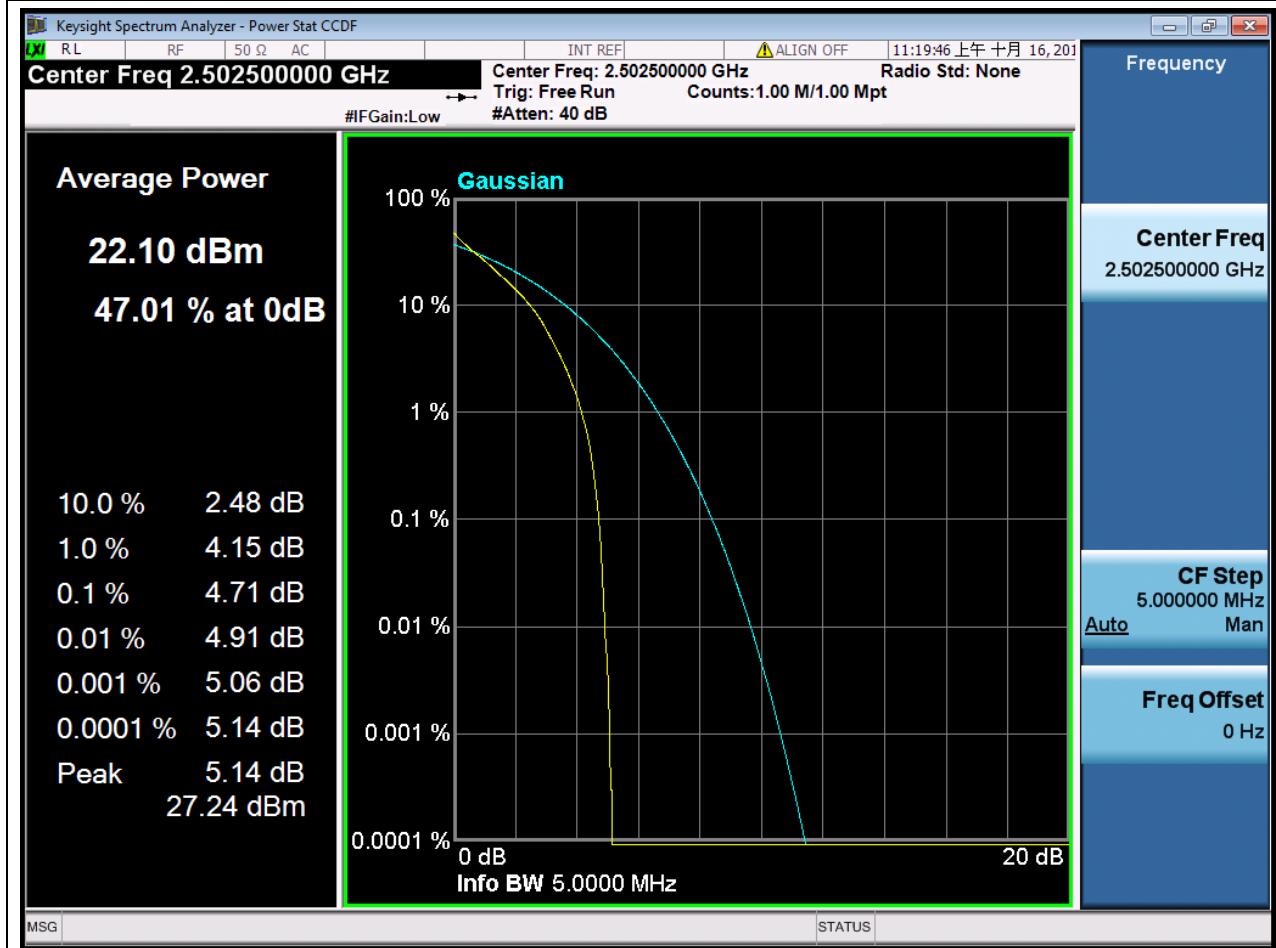
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	5.2	13	Pass



1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	4.71	13	Pass



1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	4.66	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:19:51 上午 十月 16, 201

Center Freq 2.502500000 GHz Center Freq: 2.502500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
22.12 dBm
47.12 % at 0dB

10.0 % 2.46 dB
1.0 % 4.16 dB
0.1 % 4.66 dB
0.01 % 4.79 dB
0.001 % 4.84 dB
0.0001 % 4.87 dB
Peak 4.87 dB
26.99 dBm

Gaussian



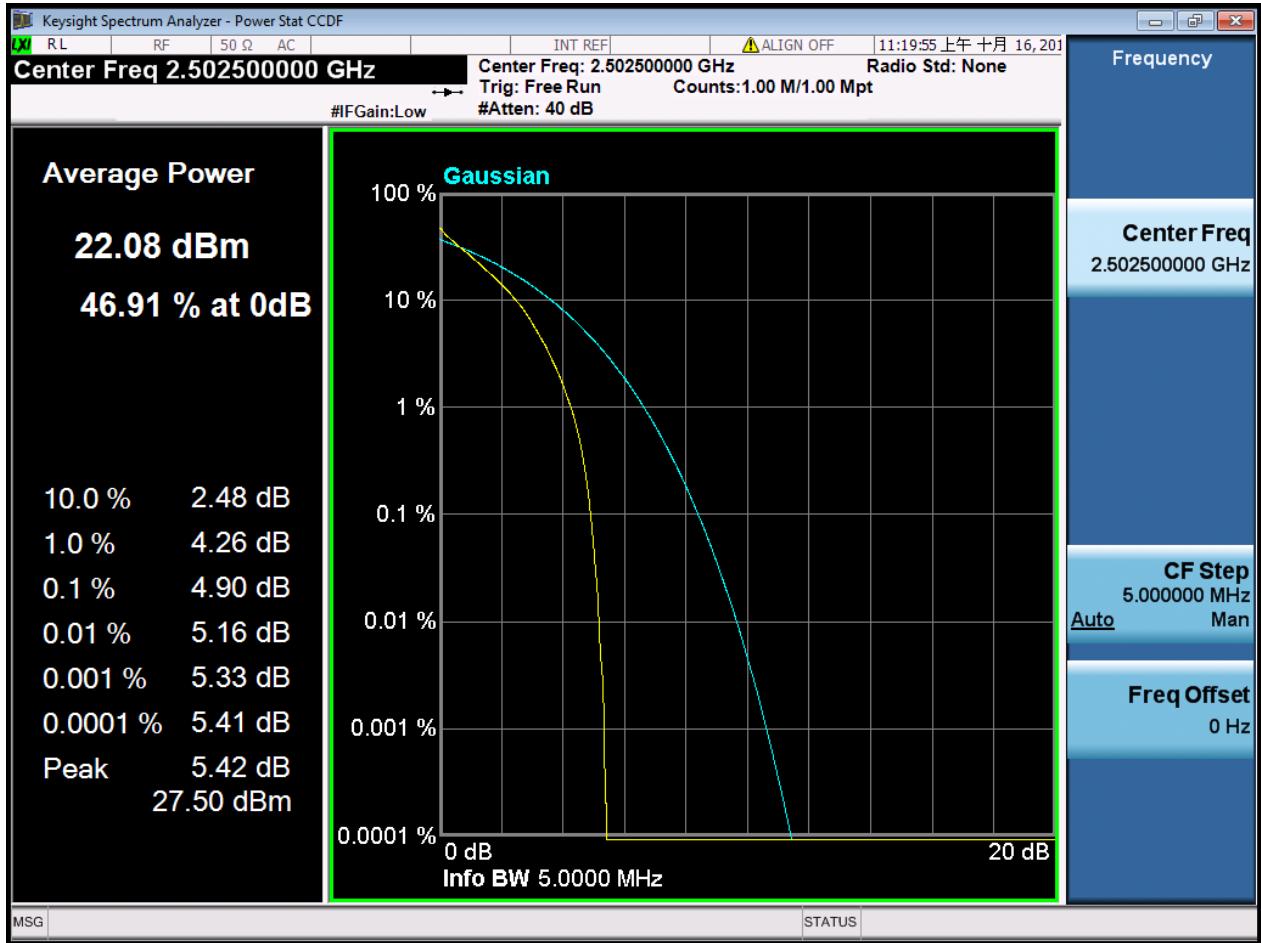
0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.502500000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	4.9	13	Pass



Average Power
22.08 dBm
46.91 % at 0dB

10.0 %	2.48 dB
1.0 %	4.26 dB
0.1 %	4.90 dB
0.01 %	5.16 dB
0.001 %	5.33 dB
0.0001 %	5.41 dB
Peak	5.42 dB
	27.50 dBm

Center Freq 2.502500000 GHz
Radio Std: None
Trig: Free Run
Counts: 1.00 M/1.00 Mpt
#IFGain:Low
#Atten: 40 dB
CF Step 5.000000 MHz
Auto
Freq Offset 0 Hz

1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	3.53	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:19:59 上午 十月 16, 201

Center Freq 2.502500000 GHz Center Freq: 2.502500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
23.07 dBm
52.72 % at 0dB

10.0 % 2.28 dB
1.0 % 3.32 dB
0.1 % 3.53 dB
0.01 % 3.61 dB
0.001 % 3.67 dB
0.0001 % 3.69 dB
Peak 3.69 dB
26.76 dBm

Gaussian



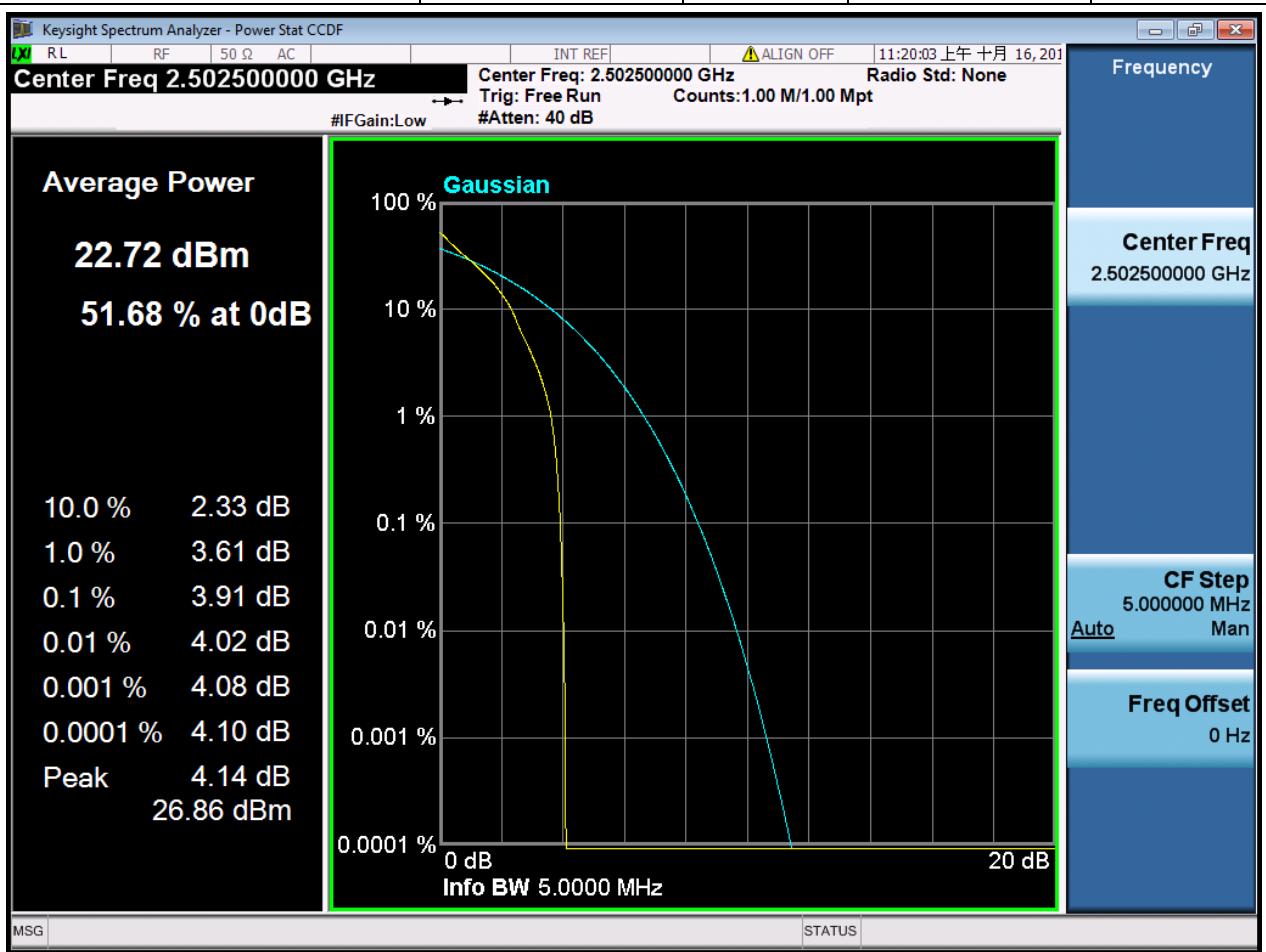
0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.502500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

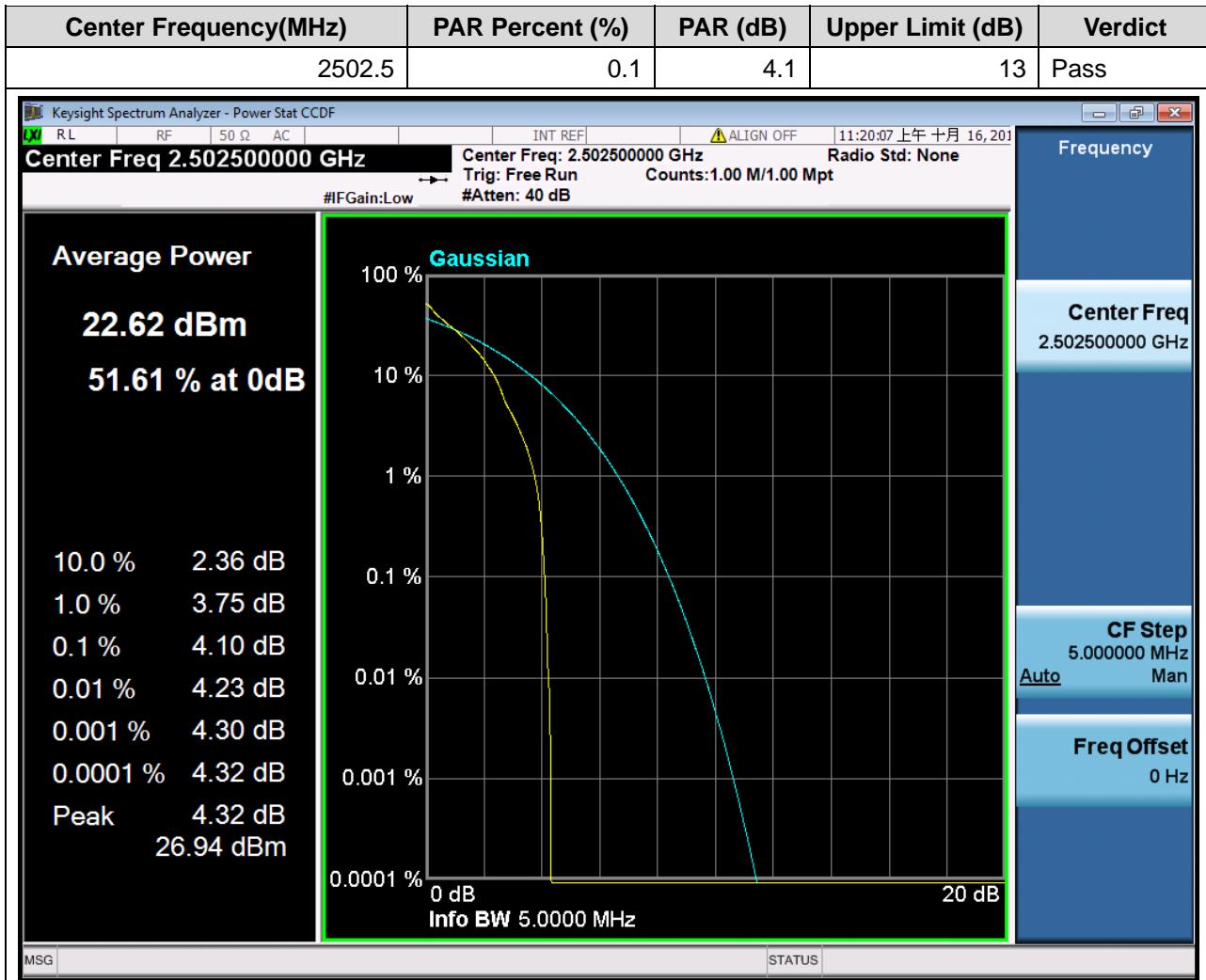
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	3.91	13	Pass



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

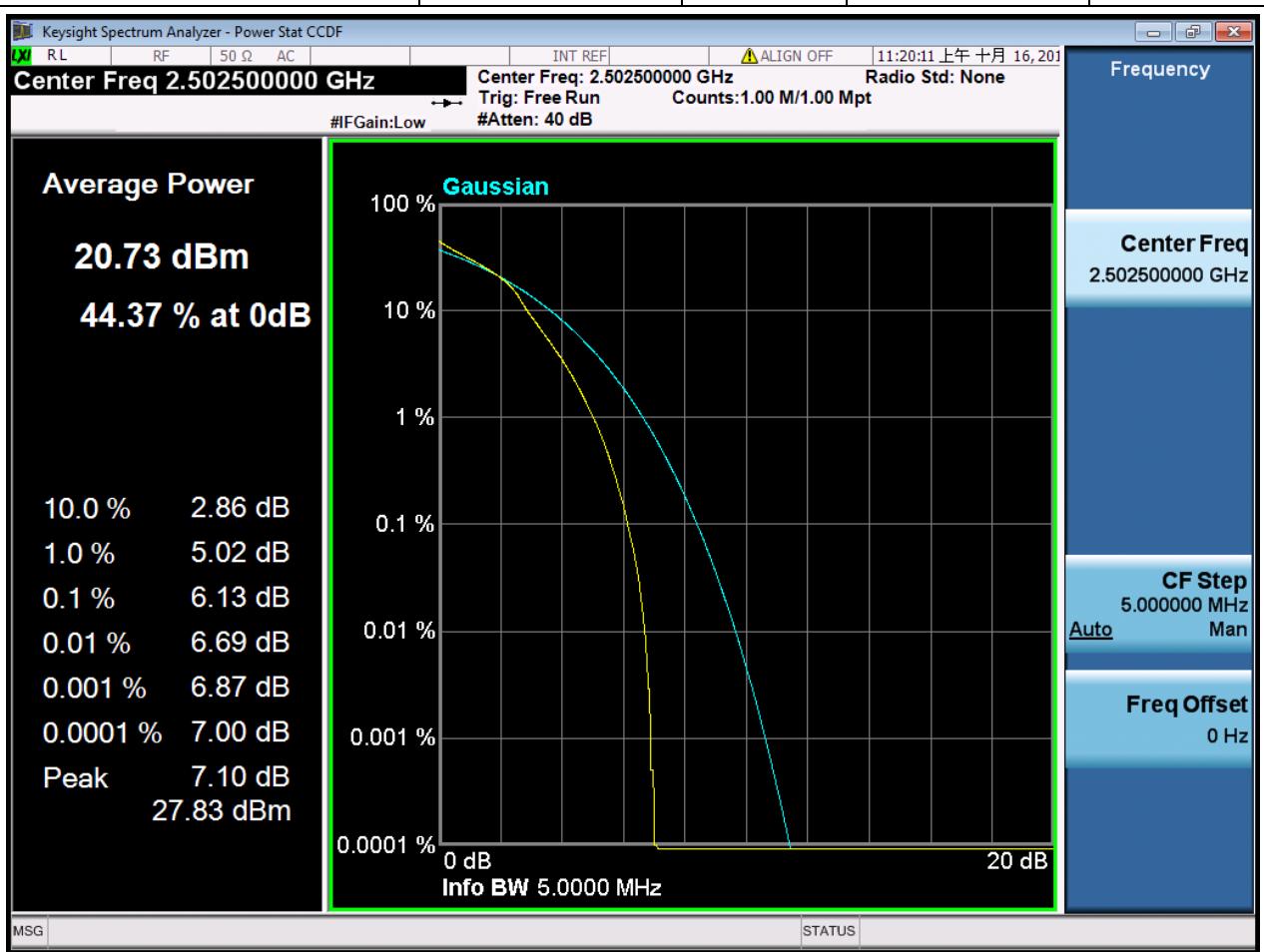
- Center Freq:** 2.502500000 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 22.72 dBm
- 51.68 % at 0dB**
- Peak:** 4.14 dB
- 26.86 dBm**
- Info BW:** 5.0000 MHz
- Gaussian Fit:** The plot shows a Gaussian-like curve peaking at 0 dB.
- Y-axis:** Logarithmic scale from 0.0001 % to 100 %.
- X-axis:** Linear scale from 0 dB to 20 dB.

1.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



1.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	6.13	13	Pass

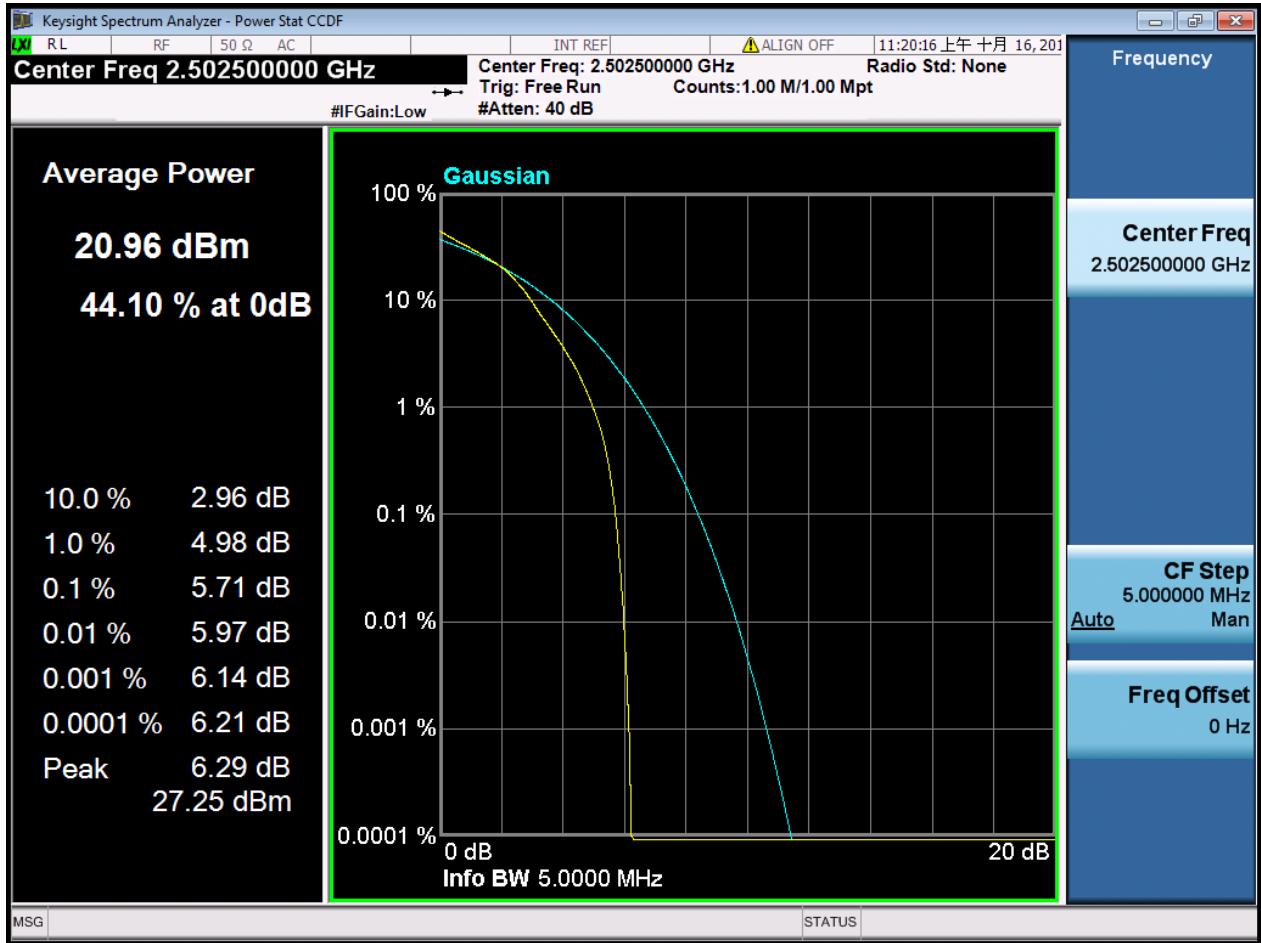


Average Power
20.73 dBm
44.37 % at 0dB

10.0 %	2.86 dB
1.0 %	5.02 dB
0.1 %	6.13 dB
0.01 %	6.69 dB
0.001 %	6.87 dB
0.0001 %	7.00 dB
Peak	7.10 dB
	27.83 dBm

1.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	5.71	13	Pass



Average Power
20.96 dBm
44.10 % at 0dB

10.0 %	2.96 dB
1.0 %	4.98 dB
0.1 %	5.71 dB
0.01 %	5.97 dB
0.001 %	6.14 dB
0.0001 %	6.21 dB
Peak	6.29 dB
	27.25 dBm

1.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	5.59	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:20:20 上午 十月 16, 201

Center Freq 2.502500000 GHz Center Freq: 2.502500000 GHz Radio Std: None

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.09 dBm
44.11 % at 0dB

10.0 % 2.96 dB
1.0 % 4.94 dB
0.1 % 5.59 dB
0.01 % 5.75 dB
0.001 % 5.86 dB
0.0001 % 5.89 dB
Peak 5.98 dB
27.07 dBm

Gaussian



0 dB 20 dB

Info BW 5.0000 MHz

Frequency
Center Freq 2.502500000 GHz

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

MSG STATUS

1.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	5.76	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

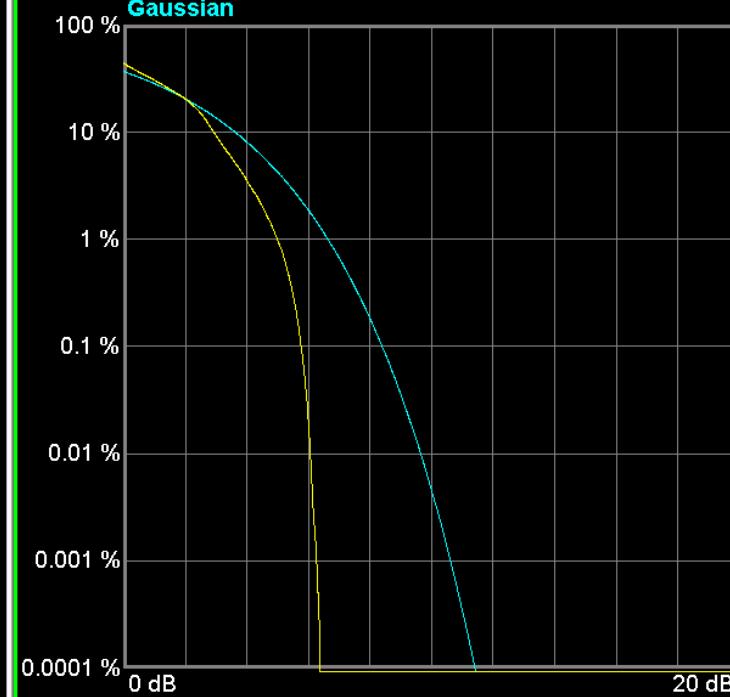
RL RF 50 Ω AC INT REF ALIGN OFF 11:20:24 上午 十月 16, 201

Center Freq 2.502500000 GHz Center Freq: 2.502500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
21.12 dBm
43.98 % at 0dB

10.0 % 2.92 dB
1.0 % 4.99 dB
0.1 % 5.76 dB
0.01 % 6.06 dB
0.001 % 6.26 dB
0.0001 % 6.36 dB
Peak 6.36 dB
27.48 dBm

Gaussian

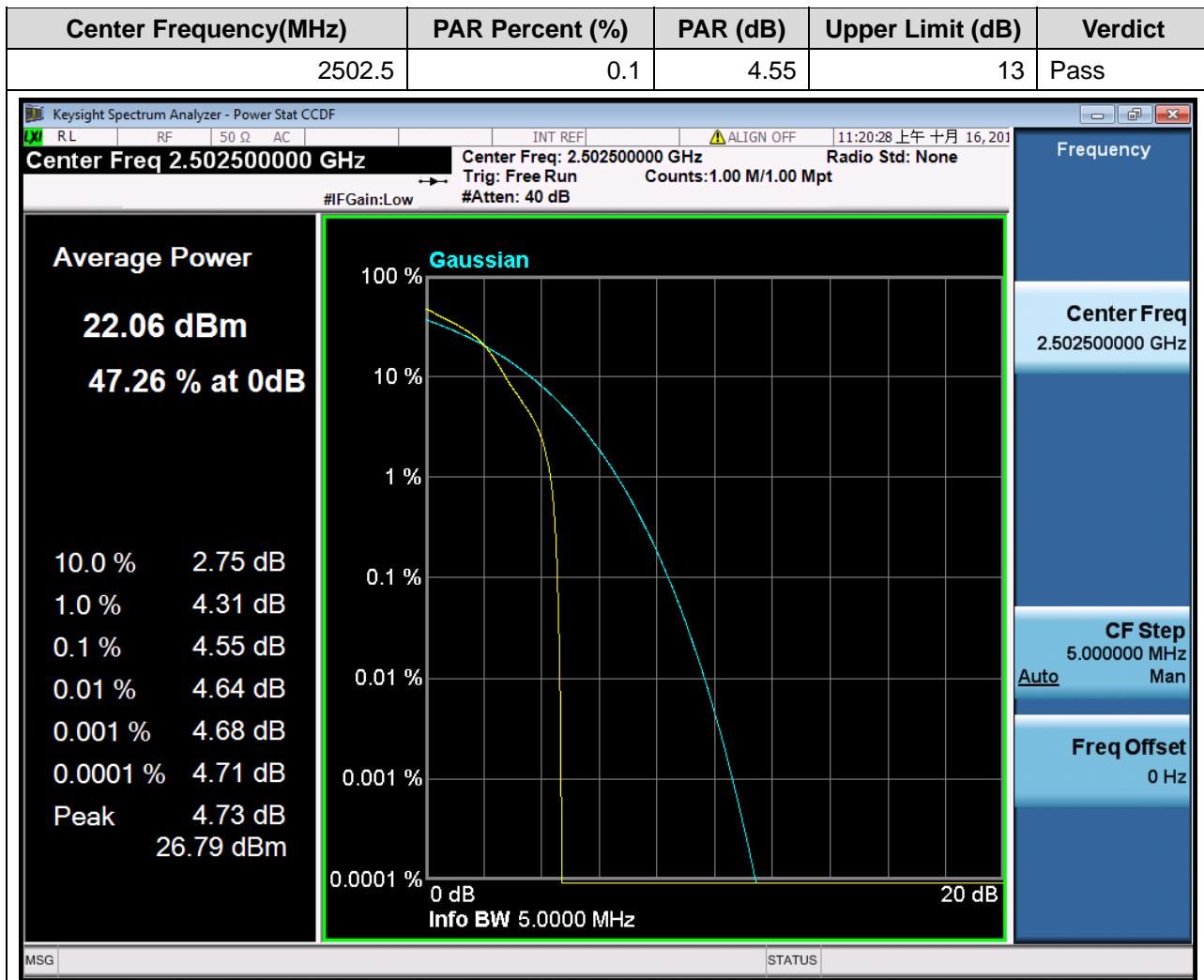


0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.502500000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



1.13. LTE Peak to Average Ratio(NTNV)(Subtest:13, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	4.79	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:20:32 上午 十月 16, 201

Center Freq 2.502500000 GHz Center Freq: 2.502500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.90 dBm
46.61 % at 0dB

10.0 % 2.75 dB
1.0 % 4.49 dB
0.1 % 4.79 dB
0.01 % 4.88 dB
0.001 % 4.93 dB
0.0001 % 4.95 dB
Peak 5.00 dB
26.90 dBm

Gaussian



0 dB 20 dB

Info BW 5.0000 MHz

Frequency
Center Freq 2.502500000 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.14. LTE Peak to Average Ratio(NTNV)(Subtest:14, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2502.5	0.1	5.01	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:20:36 上午 十月 16, 201

Center Freq 2.502500000 GHz Center Freq: 2.502500000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.79 dBm
46.16 % at 0dB

10.0 % 2.74 dB
1.0 % 4.64 dB
0.1 % 5.01 dB
0.01 % 5.13 dB
0.001 % 5.19 dB
0.0001 % 5.21 dB
Peak 5.22 dB
27.01 dBm

Gaussian



Info BW 5.0000 MHz

Frequency
Center Freq 2.502500000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.15. LTE Peak to Average Ratio(NTNV)(Subtest:15, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.43	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:20:44 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.13 dBm
46.12 % at 0dB

10.0 % 2.41 dB
1.0 % 4.43 dB
0.1 % 5.43 dB
0.01 % 6.03 dB
0.001 % 6.81 dB
0.0001 % 6.91 dB
Peak 6.91 dB
29.04 dBm

Gaussian



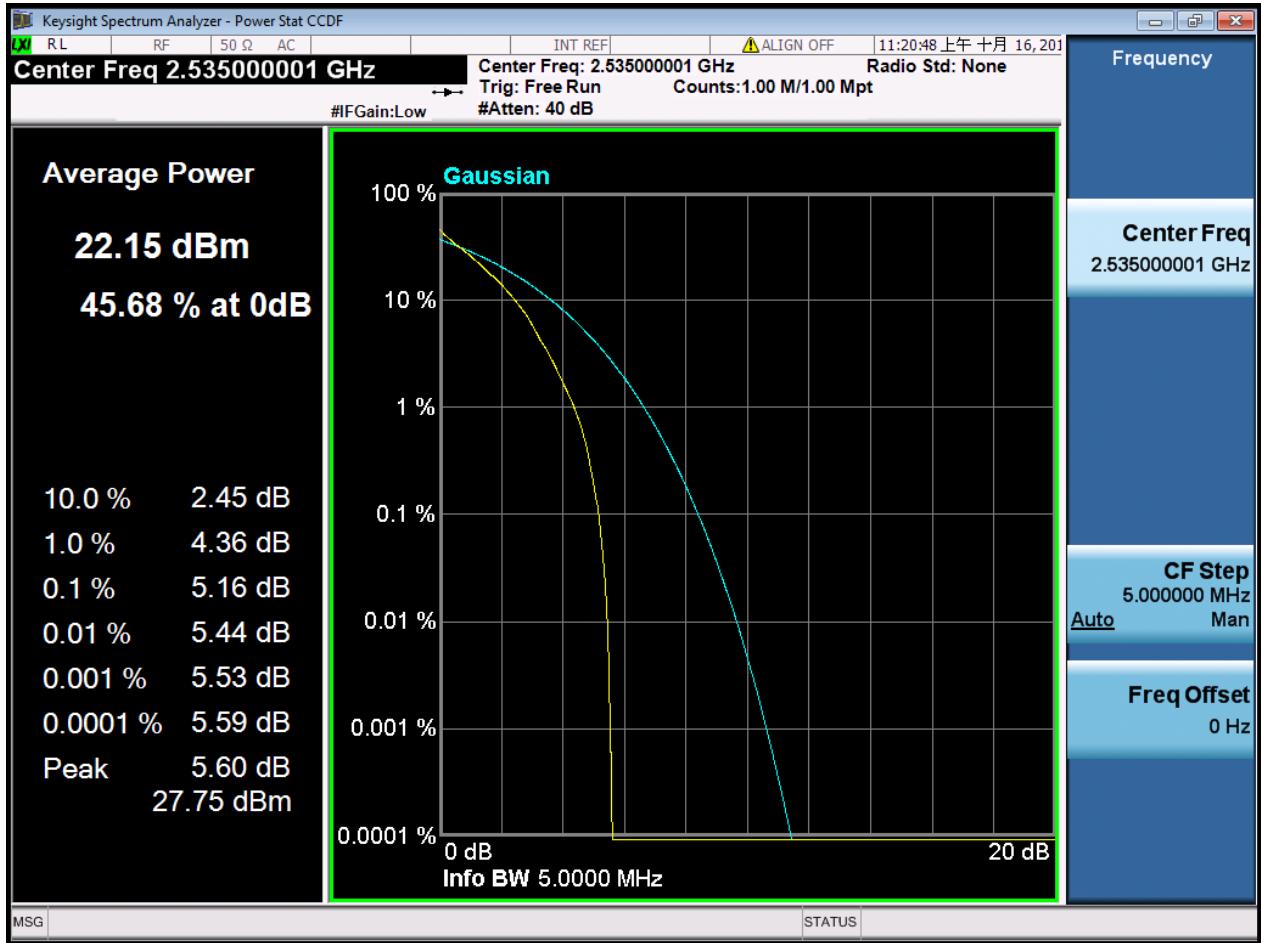
0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.16. LTE Peak to Average Ratio(NTNV)(Subtest:16, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.16	13	Pass



Average Power
22.15 dBm
45.68 % at 0dB

10.0 %	2.45 dB
1.0 %	4.36 dB
0.1 %	5.16 dB
0.01 %	5.44 dB
0.001 %	5.53 dB
0.0001 %	5.59 dB
Peak	5.60 dB
	27.75 dBm

1.17. LTE Peak to Average Ratio(NTNV)(Subtest:17, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.11	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:20:53 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.16 dBm
45.61 % at 0dB

10.0 % 2.46 dB
1.0 % 4.34 dB
0.1 % 5.11 dB
0.01 % 5.35 dB
0.001 % 5.42 dB
0.0001 % 5.44 dB
Peak 5.50 dB
27.66 dBm

Gaussian



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

0 dB 20 dB

Info BW 5.0000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.18. LTE Peak to Average Ratio(NTNV)(Subtest:18, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:20:57 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.11 dBm
45.50 % at 0dB

10.0 % 2.45 dB
1.0 % 4.39 dB
0.1 % 5.22 dB
0.01 % 5.54 dB
0.001 % 5.64 dB
0.0001 % 5.65 dB
Peak 5.69 dB
27.80 dBm

Gaussian



Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

Info BW 5.0000 MHz

1.19. LTE Peak to Average Ratio(NTNV)(Subtest:19, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.11	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:21:02 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 23.15 dBm
50.53 % at 0dB

10.0 % 2.39 dB
1.0 % 3.68 dB
0.1 % 4.11 dB
0.01 % 4.30 dB
0.001 % 4.37 dB
0.0001 % 4.40 dB
Peak 4.40 dB
27.55 dBm

Gaussian



0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.20. LTE Peak to Average Ratio(NTNV)(Subtest:20, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.1	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:21:06 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 23.17 dBm
50.57 % at 0dB

10.0 % 2.39 dB
1.0 % 3.67 dB
0.1 % 4.10 dB
0.01 % 4.27 dB
0.001 % 4.34 dB
0.0001 % 4.36 dB
Peak 4.37 dB
27.54 dBm

Gaussian



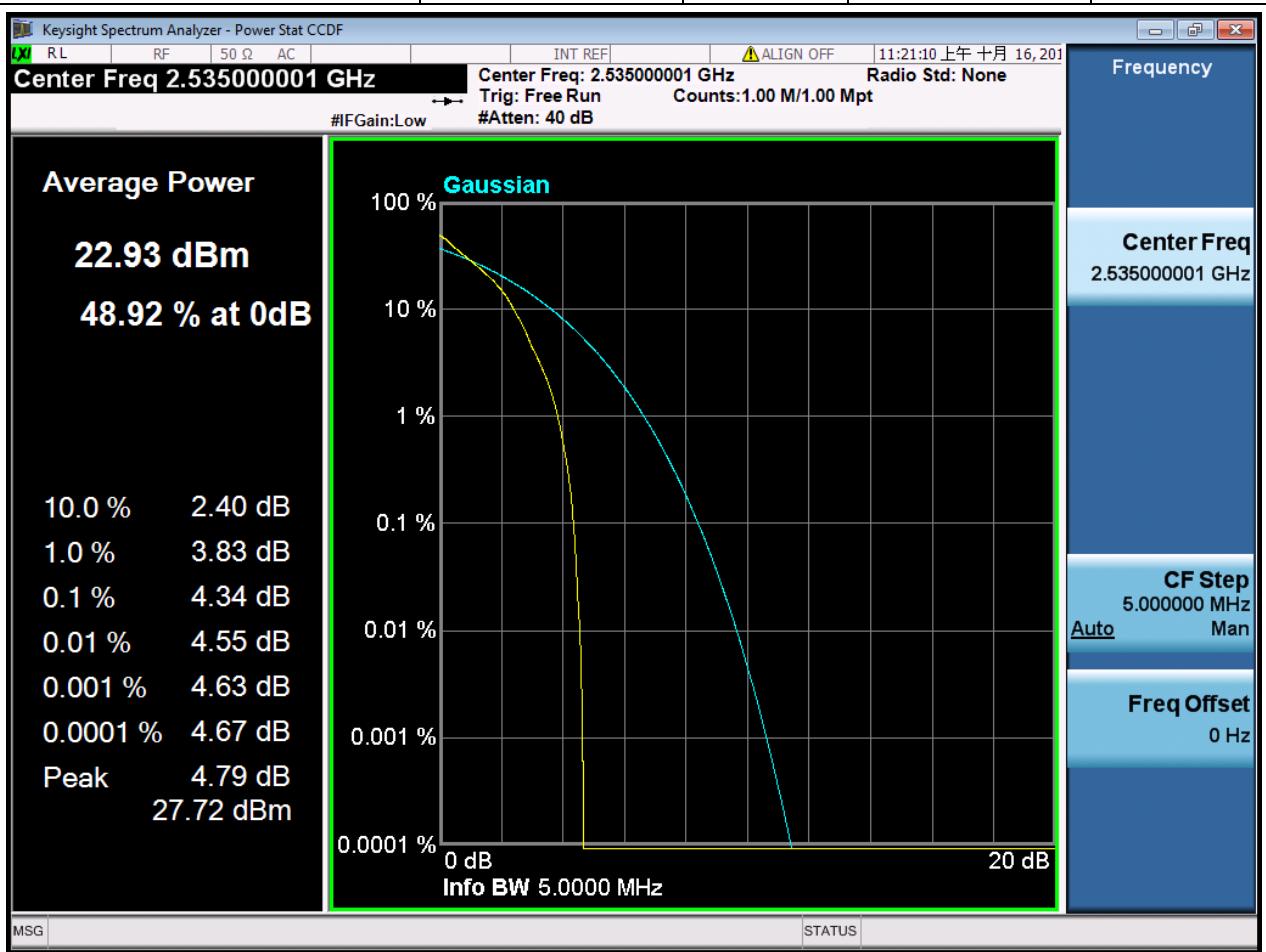
Info BW 5.0000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.21. LTE Peak to Average Ratio(NTNV)(Subtest:21, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.34	13	Pass

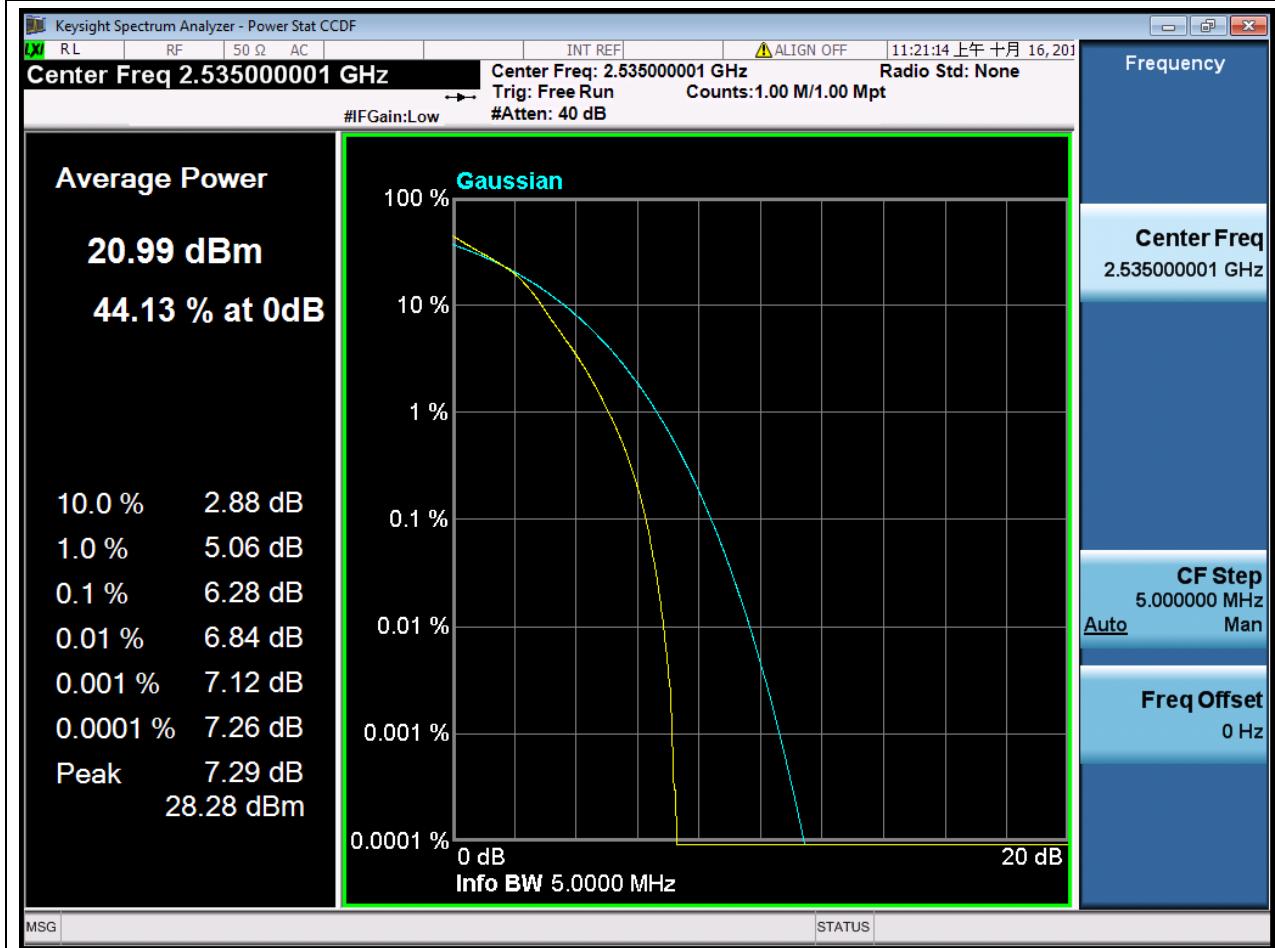


The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- Center Freq:** 2.535000001 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 22.93 dBm
- 48.92 % at 0dB**
- Peak:** 4.79 dB
- 27.72 dBm**
- Info BW:** 5.0000 MHz
- Gaussian Fit:** The plot shows a Gaussian distribution curve overlaid on the measured data.
- Y-axis:** Logarithmic scale from 0.0001% to 100%.
- X-axis:** Linear scale from 0 dB to 20 dB.

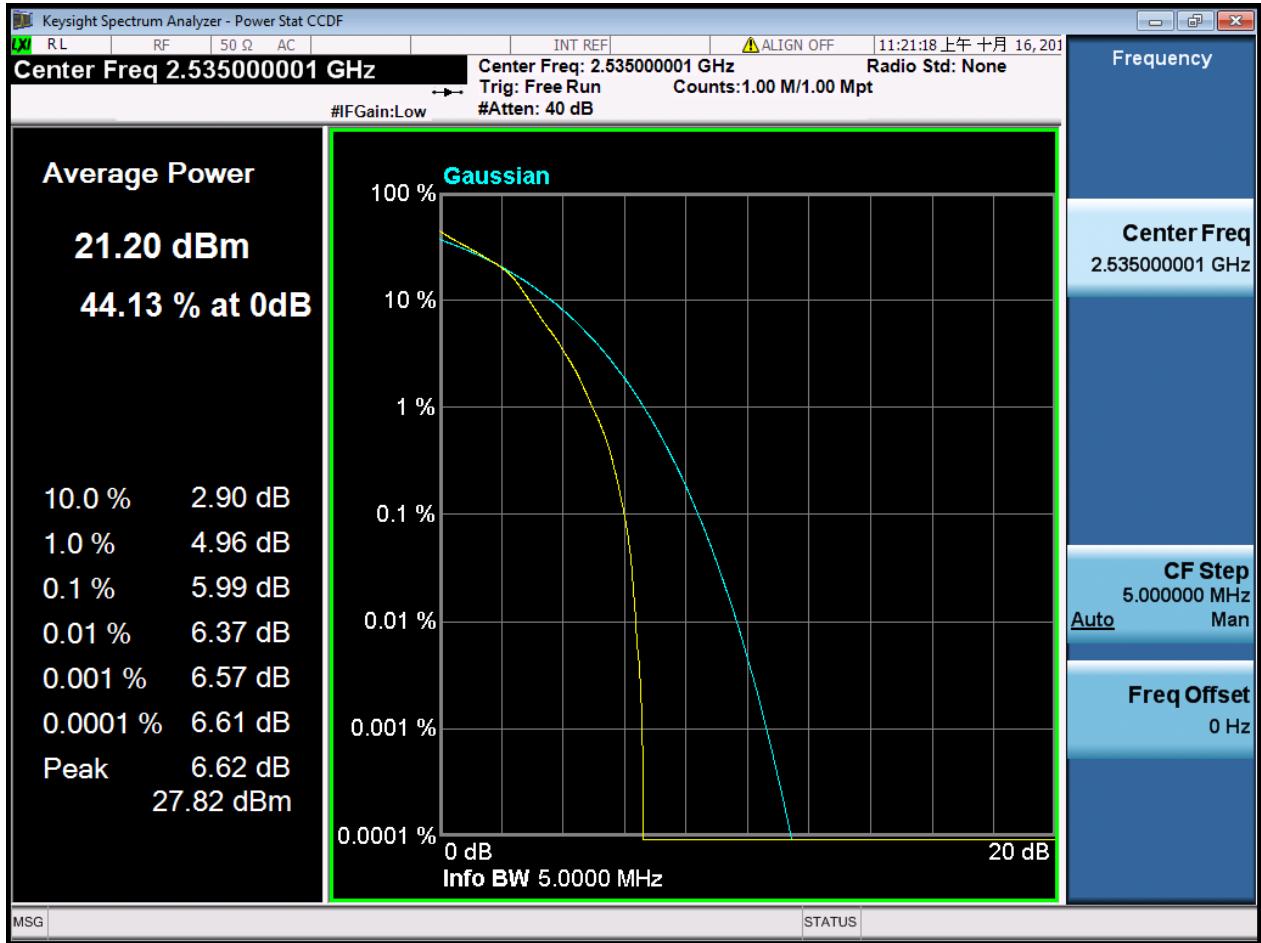
1.22. LTE Peak to Average Ratio(NTNV)(Subtest:22, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.28	13	Pass



1.23. LTE Peak to Average Ratio(NTNV)(Subtest:23, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.99	13	Pass



Average Power
21.20 dBm
44.13 % at 0dB

10.0 %	2.90 dB
1.0 %	4.96 dB
0.1 %	5.99 dB
0.01 %	6.37 dB
0.001 %	6.57 dB
0.0001 %	6.61 dB
Peak	6.62 dB
	27.82 dBm

1.24. LTE Peak to Average Ratio(NTNV)(Subtest:24, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.92	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:21:22 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.23 dBm
43.93 % at 0dB

10.0 % 2.90 dB
1.0 % 4.95 dB
0.1 % 5.92 dB
0.01 % 6.21 dB
0.001 % 6.36 dB
0.0001 % 6.40 dB
Peak 6.42 dB
27.65 dBm

Gaussian



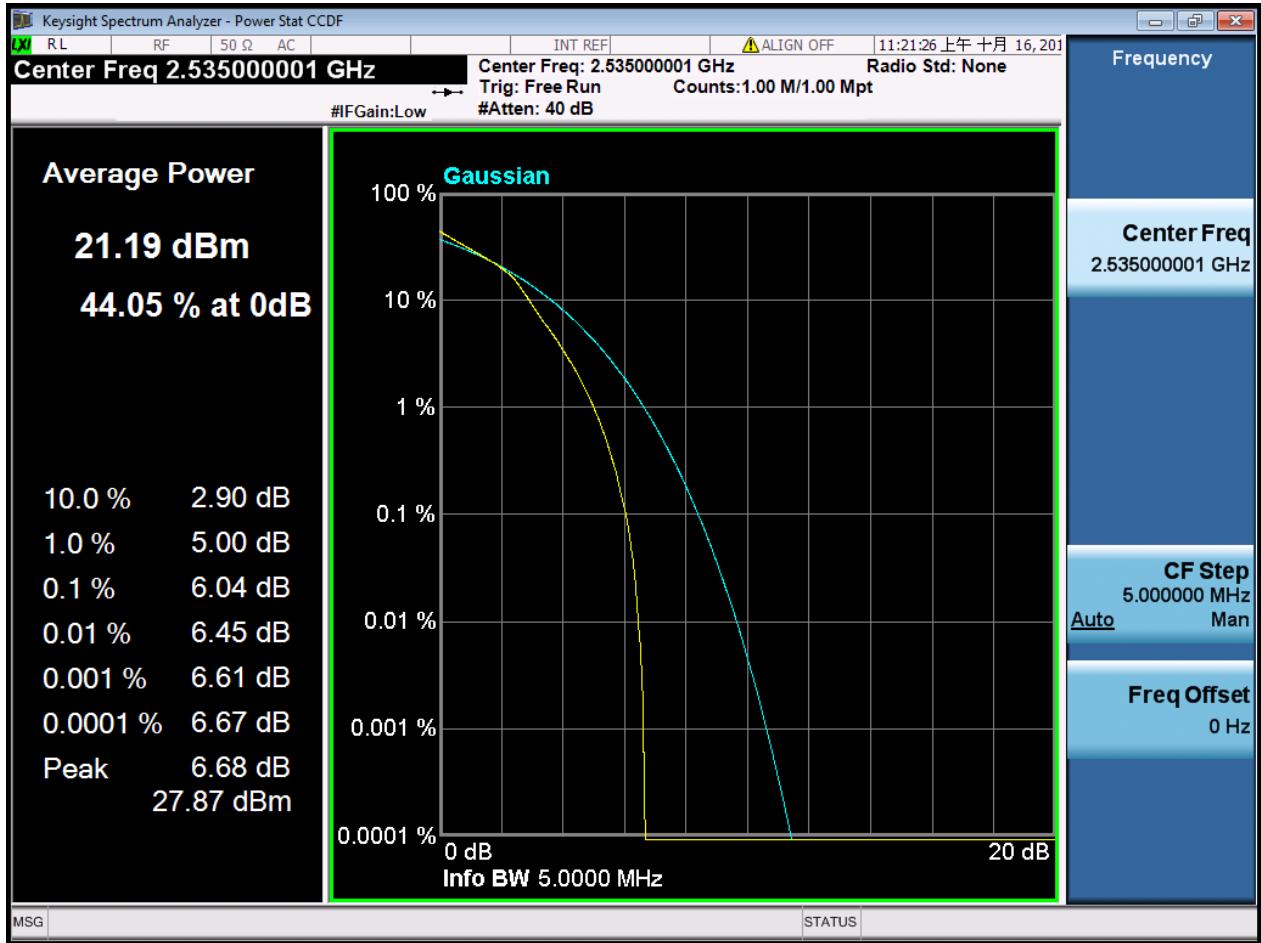
0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.25. LTE Peak to Average Ratio(NTNV)(Subtest:25, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.04	13	Pass



Average Power
21.19 dBm
44.05 % at 0dB

10.0 %	2.90 dB
1.0 %	5.00 dB
0.1 %	6.04 dB
0.01 %	6.45 dB
0.001 %	6.61 dB
0.0001 %	6.67 dB
Peak	6.68 dB
	27.87 dBm

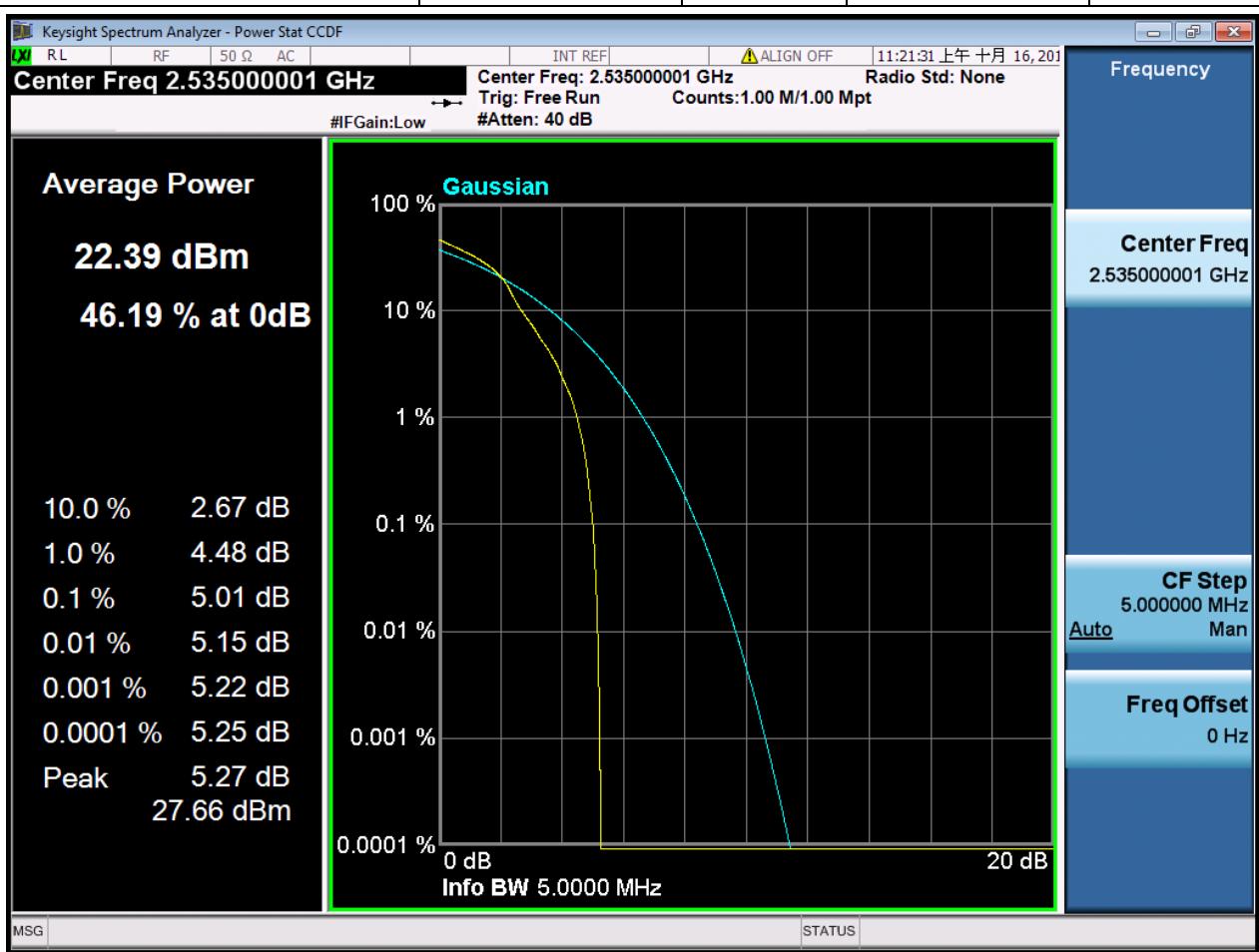
Center Freq
2.535000001 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

1.26. LTE Peak to Average Ratio(NTNV)(Subtest:26, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.01	13	Pass



22.39 dBm
46.19 % at 0dB
10.0 % 2.67 dB
1.0 % 4.48 dB
0.1 % 5.01 dB
0.01 % 5.15 dB
0.001 % 5.22 dB
0.0001 % 5.25 dB
Peak 5.27 dB
27.66 dBm

1.27. LTE Peak to Average Ratio(NTNV)(Subtest:27, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.97	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:21:35 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.42 dBm
46.36 % at 0dB

10.0 % 2.67 dB
1.0 % 4.46 dB
0.1 % 4.97 dB
0.01 % 5.11 dB
0.001 % 5.18 dB
0.0001 % 5.18 dB
Peak 5.21 dB
27.63 dBm

Gaussian



0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.28. LTE Peak to Average Ratio(NTNV)(Subtest:28, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.09	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:21:39 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.36 dBm
46.19 % at 0dB

10.0 % 2.70 dB
1.0 % 4.54 dB
0.1 % 5.09 dB
0.01 % 5.25 dB
0.001 % 5.30 dB
0.0001 % 5.32 dB
Peak 5.32 dB
27.68 dBm

Gaussian



0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.29. LTE Peak to Average Ratio(NTNV)(Subtest:29, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	5.44	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:21:47 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.07 dBm
46.21 % at 0dB

10.0 % 2.40 dB
1.0 % 4.41 dB
0.1 % 5.44 dB
0.01 % 6.03 dB
0.001 % 6.38 dB
0.0001 % 6.53 dB
Peak 6.53 dB
28.60 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.30. LTE Peak to Average Ratio(NTNV)(Subtest:30, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	5.27	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

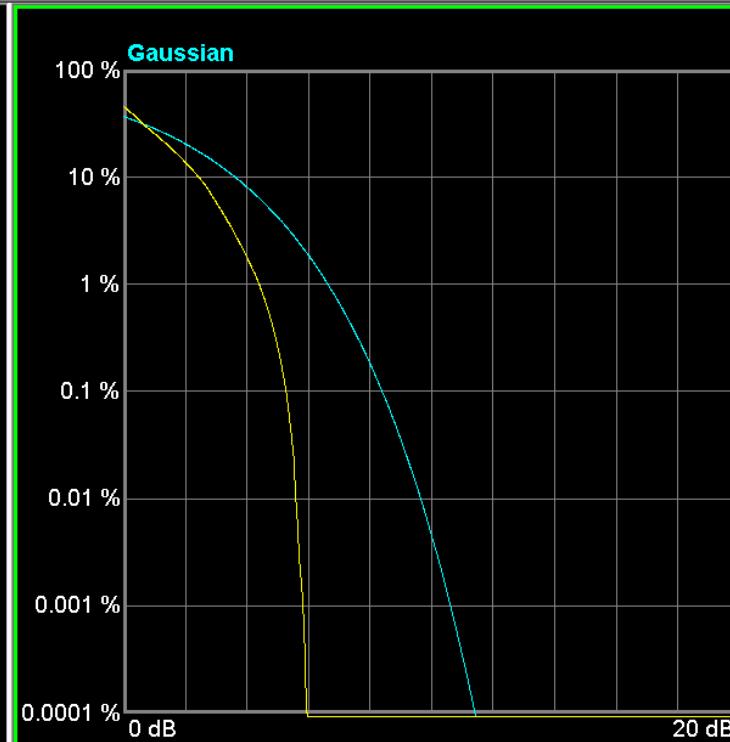
RL RF 50 Ω AC INT REF ALIGN OFF 11:21:51 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.03 dBm
45.43 % at 0dB

10.0 % 2.44 dB
1.0 % 4.39 dB
0.1 % 5.27 dB
0.01 % 5.59 dB
0.001 % 5.83 dB
0.0001 % 5.92 dB
Peak 5.97 dB
28.00 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 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:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	5.23	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

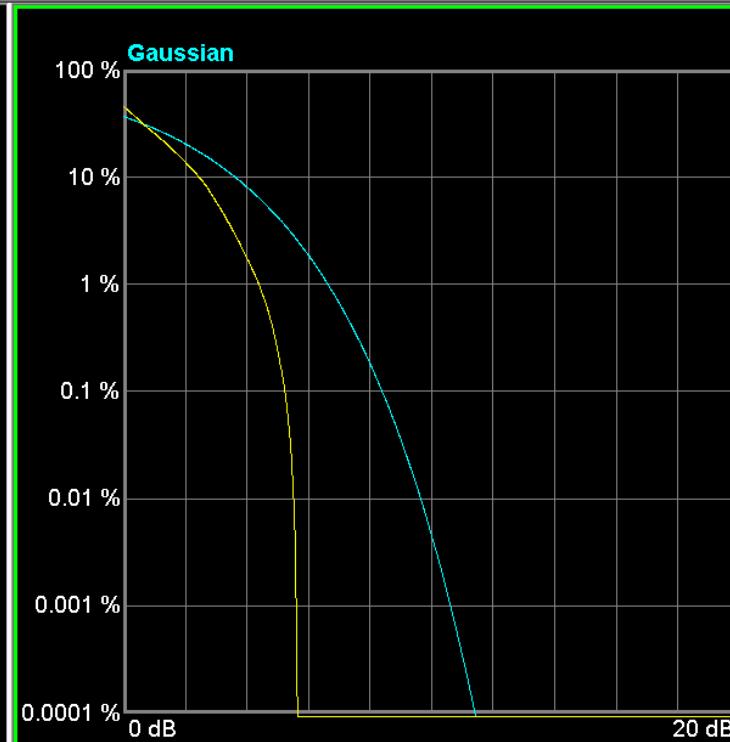
RL RF 50 Ω AC INT REF ALIGN OFF 11:21:55 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.97 dBm
45.43 % at 0dB

10.0 % 2.45 dB
1.0 % 4.38 dB
0.1 % 5.23 dB
0.01 % 5.52 dB
0.001 % 5.60 dB
0.0001 % 5.64 dB
Peak 5.65 dB
27.62 dBm

Gaussian



0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.32. LTE Peak to Average Ratio(NTNV)(Subtest:32, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	5.35	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:21:59 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.81 dBm
45.43 % at 0dB

10.0 % 2.45 dB
1.0 % 4.41 dB
0.1 % 5.35 dB
0.01 % 5.69 dB
0.001 % 5.89 dB
0.0001 % 6.01 dB
Peak 6.03 dB
27.84 dBm

Gaussian



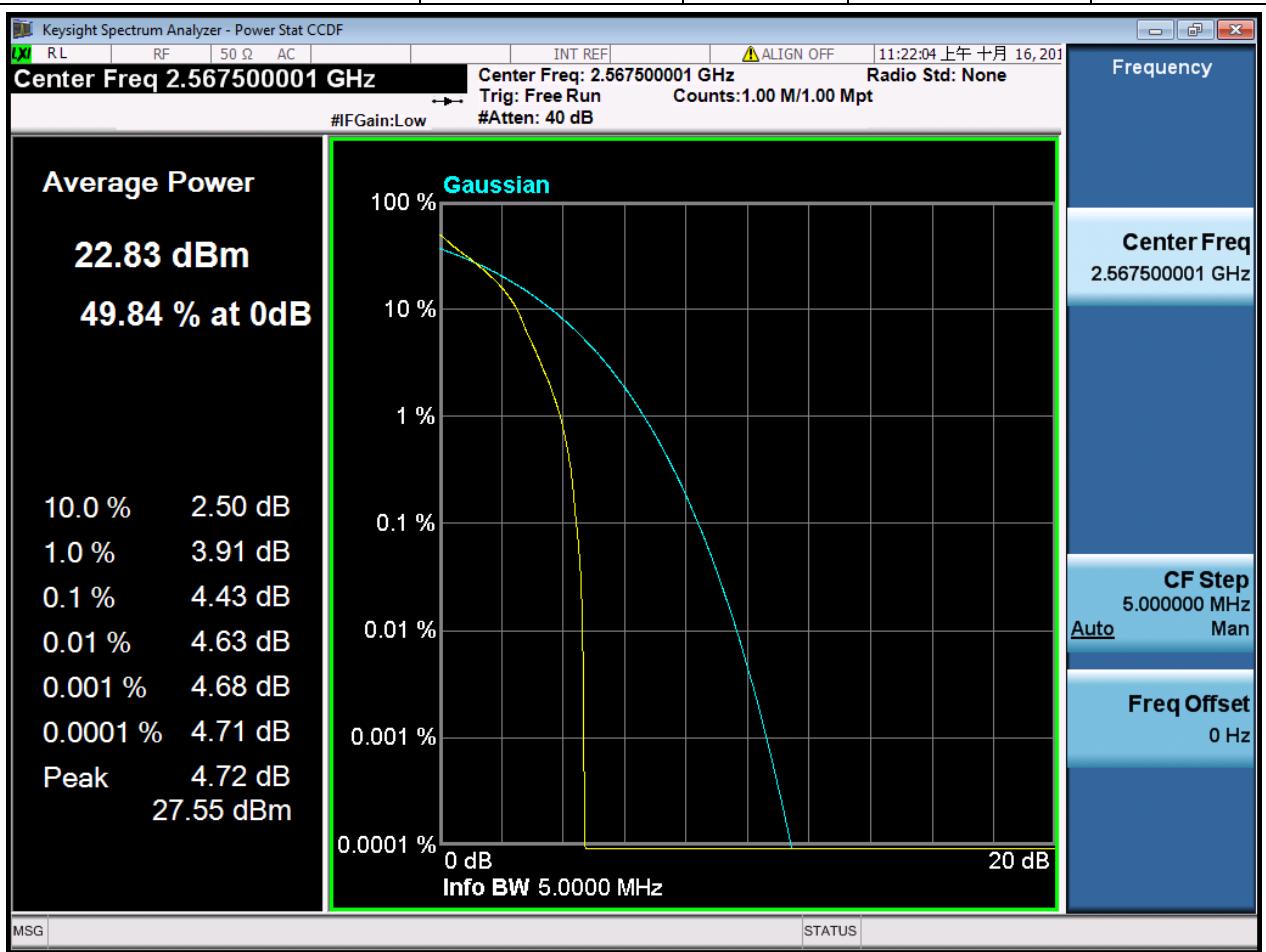
0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.33. LTE Peak to Average Ratio(NTNV)(Subtest:33, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	4.43	13	Pass

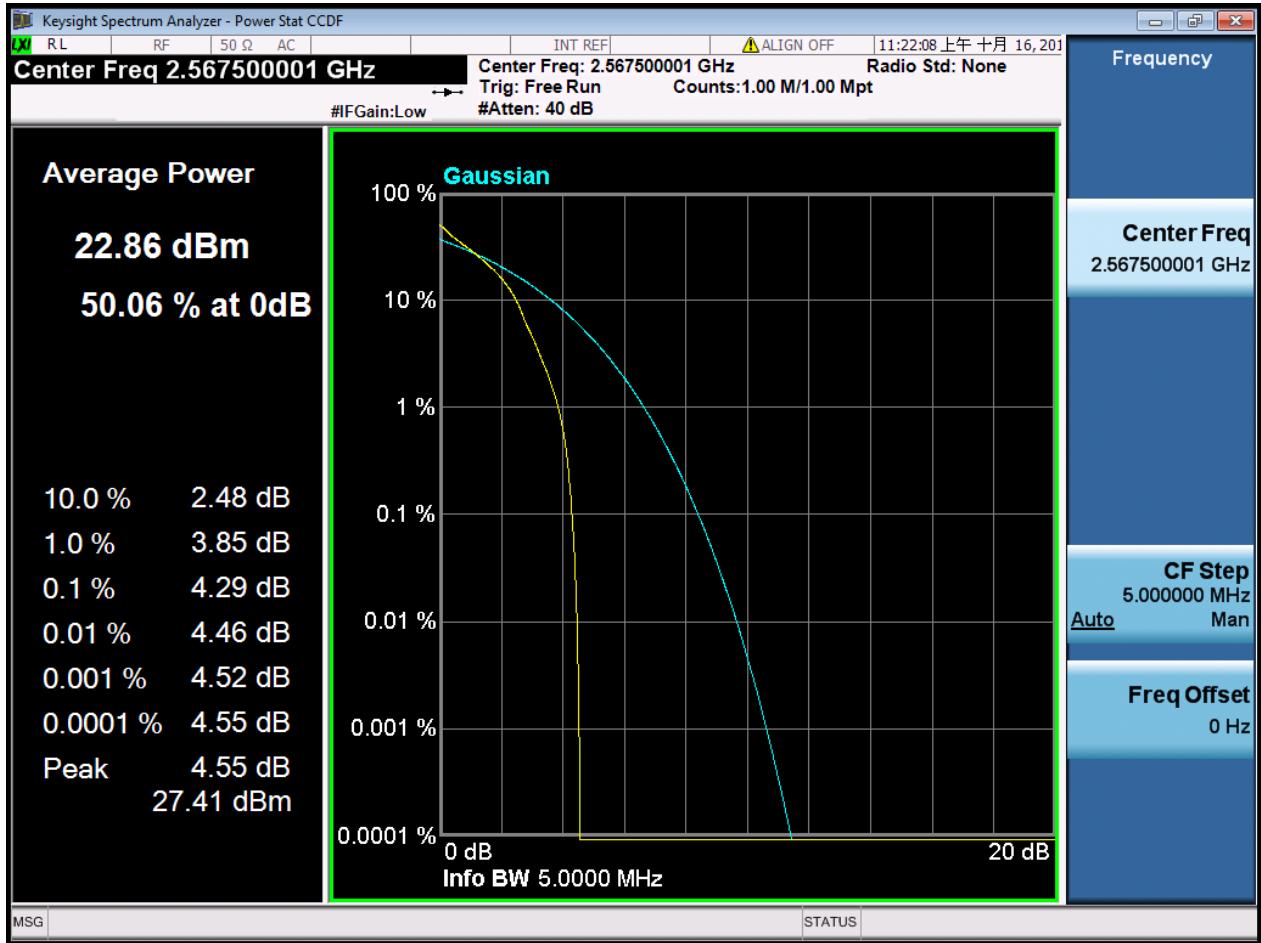


The screenshot shows the Keysight Spectrum Analyzer interface with the following details:

- Center Freq:** 2.567500001 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 22.83 dBm
- 49.84 % at 0dB**
- Peak:** 4.72 dB
- 27.55 dBm**
- Info BW:** 5.0000 MHz
- Gaussian Fit:** The plot shows a Gaussian distribution curve overlaid on the measured data.
- Y-axis:** Logarithmic scale from 0.0001% to 100%.
- X-axis:** Linear scale from 0 dB to 20 dB.

1.34. LTE Peak to Average Ratio(NTNV)(Subtest:34, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	4.29	13	Pass



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

- Center Freq:** 2.567500001 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 22.86 dBm
- 50.06 % at 0dB:**
- Peak:** 4.55 dB
- 27.41 dBm**
- Info BW:** 5.0000 MHz
- Gaussian Fit:** The plot shows a Gaussian distribution curve overlaid on the measured data.
- Y-axis:** Logarithmic scale from 0.0001% to 100%.
- X-axis:** Linear scale from 0 dB to 20 dB.

1.35. LTE Peak to Average Ratio(NTNV)(Subtest:35, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	4.26	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:22:12 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.82 dBm
50.30 % at 0dB

10.0 % 2.48 dB
1.0 % 3.81 dB
0.1 % 4.26 dB
0.01 % 4.43 dB
0.001 % 4.49 dB
0.0001 % 4.51 dB
Peak 4.51 dB
27.33 dBm

Gaussian



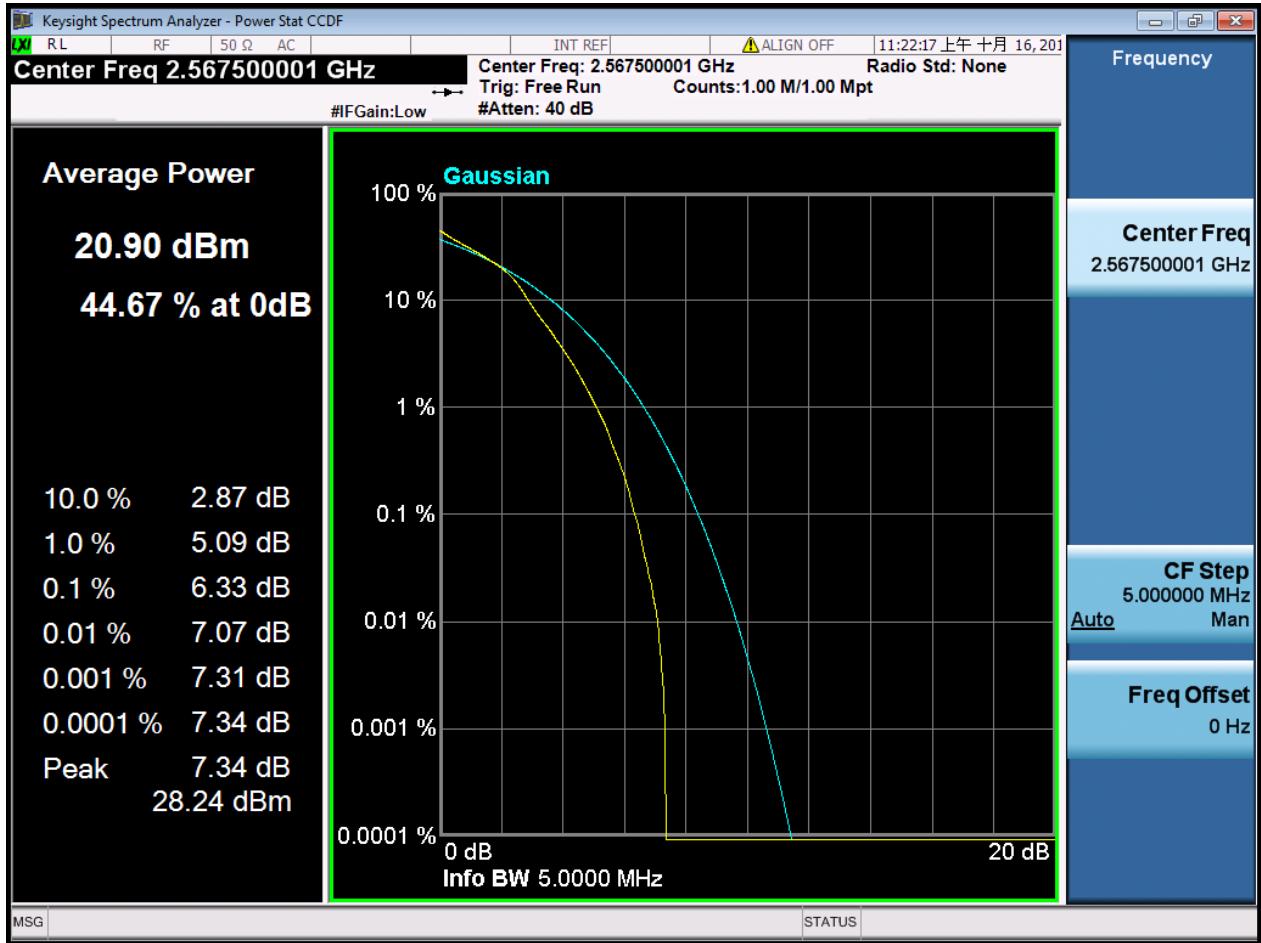
0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.36. LTE Peak to Average Ratio(NTNV)(Subtest:36, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	6.33	13	Pass



Average Power
20.90 dBm
44.67 % at 0dB

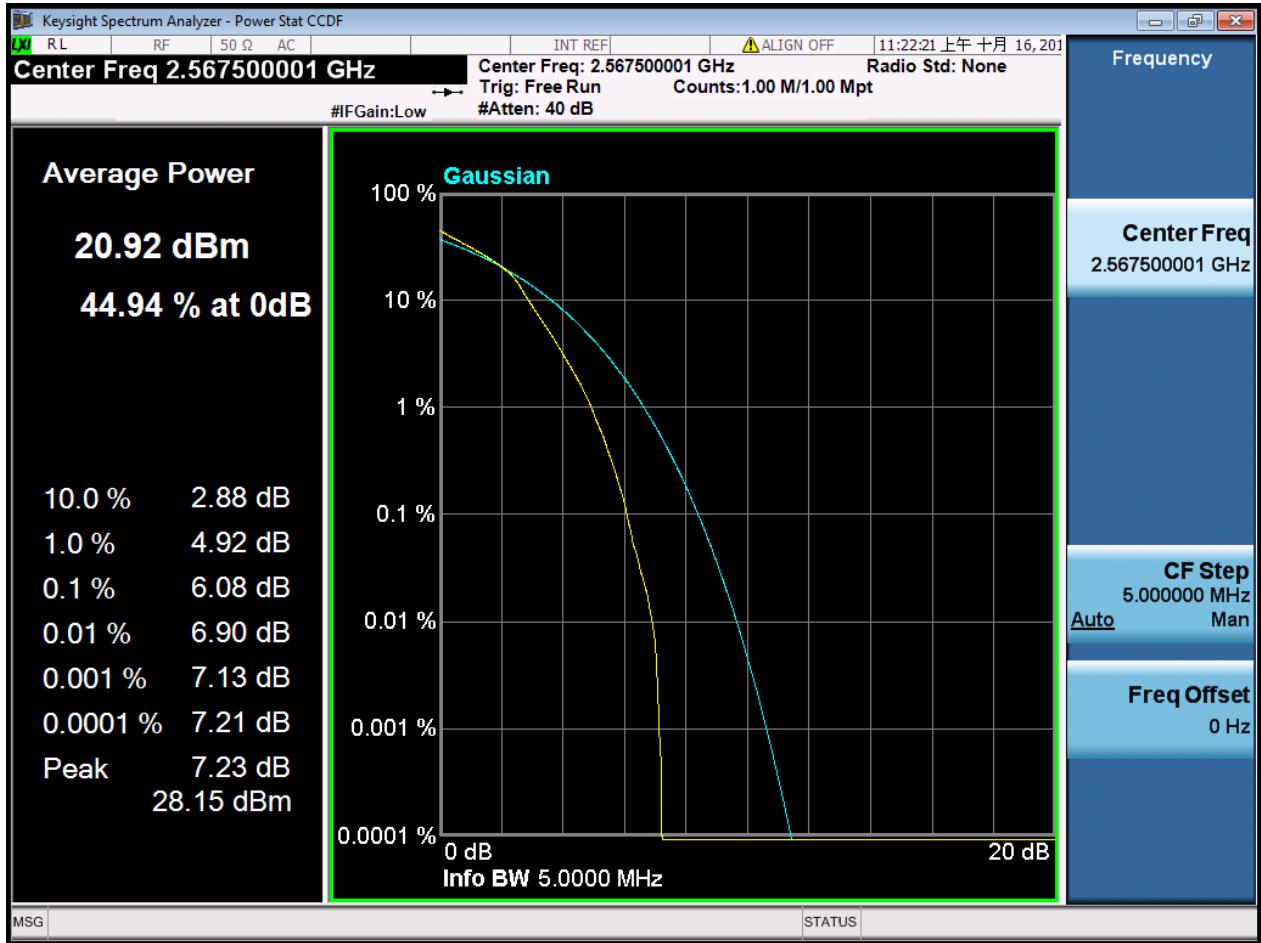
10.0 %	2.87 dB
1.0 %	5.09 dB
0.1 %	6.33 dB
0.01 %	7.07 dB
0.001 %	7.31 dB
0.0001 %	7.34 dB
Peak	7.34 dB
	28.24 dBm

Center Freq 2.567500001 GHz
Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.37. LTE Peak to Average Ratio(NTNV)(Subtest:37, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	6.08	13	Pass



Average Power
20.92 dBm
44.94 % at 0dB

10.0 %	2.88 dB
1.0 %	4.92 dB
0.1 %	6.08 dB
0.01 %	6.90 dB
0.001 %	7.13 dB
0.0001 %	7.21 dB
Peak	7.23 dB
	28.15 dBm

1.38. LTE Peak to Average Ratio(NTNV)(Subtest:38, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	6.04	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:22:25 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 20.90 dBm
45.05 % at 0dB

10.0 % 2.88 dB
1.0 % 4.87 dB
0.1 % 6.04 dB
0.01 % 6.76 dB
0.001 % 7.24 dB
0.0001 % 7.38 dB
Peak 7.39 dB
28.29 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.39. LTE Peak to Average Ratio(NTNV)(Subtest:39, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 12, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	6.08	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:22:29 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 20.82 dBm
45.03 % at 0dB

10.0 % 2.88 dB
1.0 % 4.89 dB
0.1 % 6.08 dB
0.01 % 6.91 dB
0.001 % 7.15 dB
0.0001 % 7.38 dB
Peak 7.38 dB
28.20 dBm

Gaussian



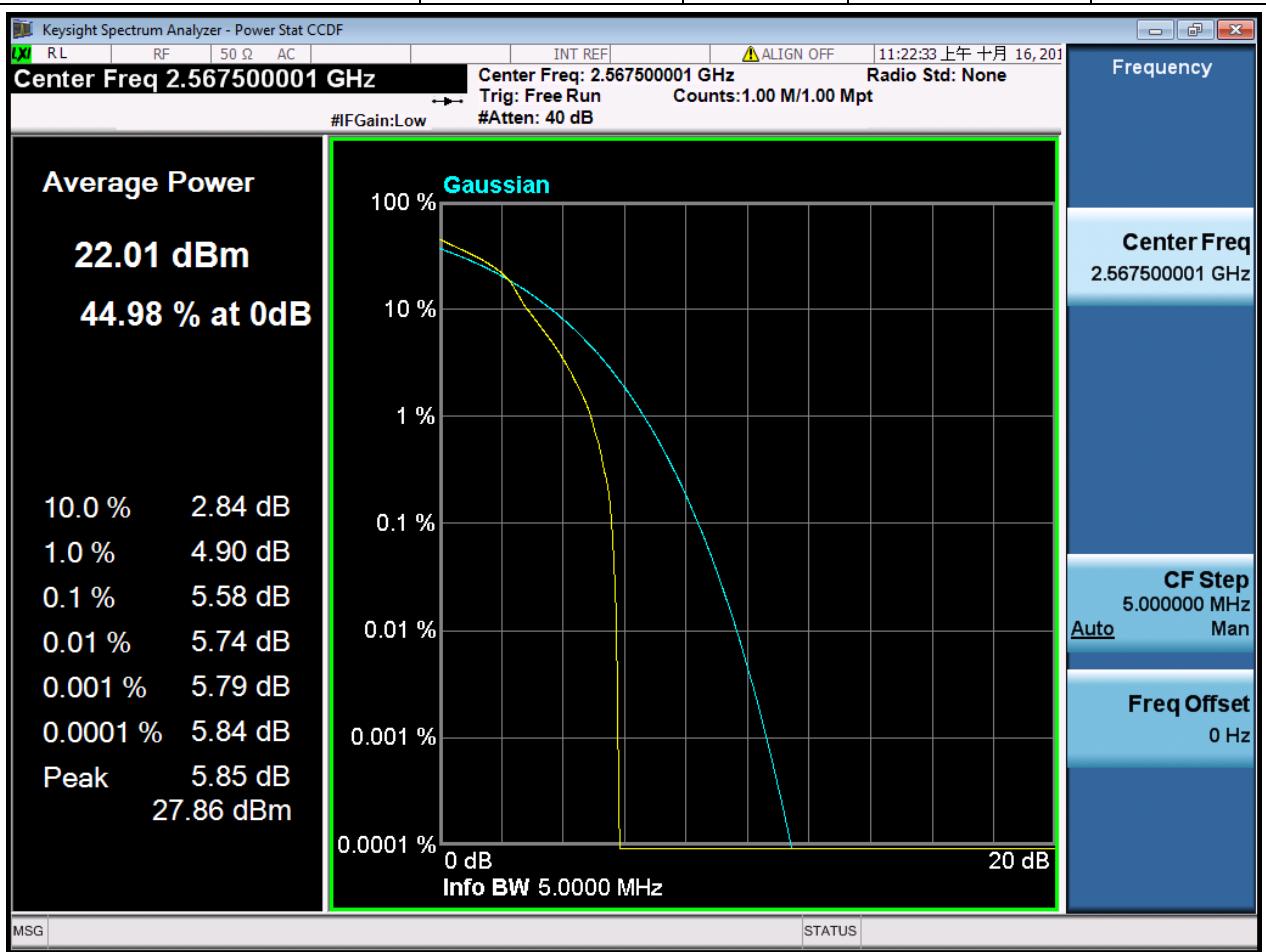
0.0001 % 0 dB 20 dB Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.40. LTE Peak to Average Ratio(NTNV)(Subtest:40, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	5.58	13	Pass



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

- Center Freq:** 2.567500001 GHz
- Radio Std:** None
- Trig:** Free Run
- Counts:** 1.00 M/1.00 Mpt
- #IFGain:** Low
- #Atten:** 40 dB
- Average Power:** 22.01 dBm
- 44.98 % at 0dB**
- Data Table:**

10.0 %	2.84 dB
1.0 %	4.90 dB
0.1 %	5.58 dB
0.01 %	5.74 dB
0.001 %	5.79 dB
0.0001 %	5.84 dB
Peak	5.85 dB
	27.86 dBm
- Plot:** Gaussian CCDF plot showing the distribution of power levels. The x-axis is labeled "Info BW 5.0000 MHz" and ranges from 0 dB to 20 dB. The y-axis is logarithmic, ranging from 0.0001 % to 100 %.
- Right Panel:**
 - Frequency: Center Freq 2.567500001 GHz
 - CF Step: 5.000000 MHz
 - Freq Offset: 0 Hz

1.41. LTE Peak to Average Ratio(NTNV)(Subtest:41, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	5.43	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

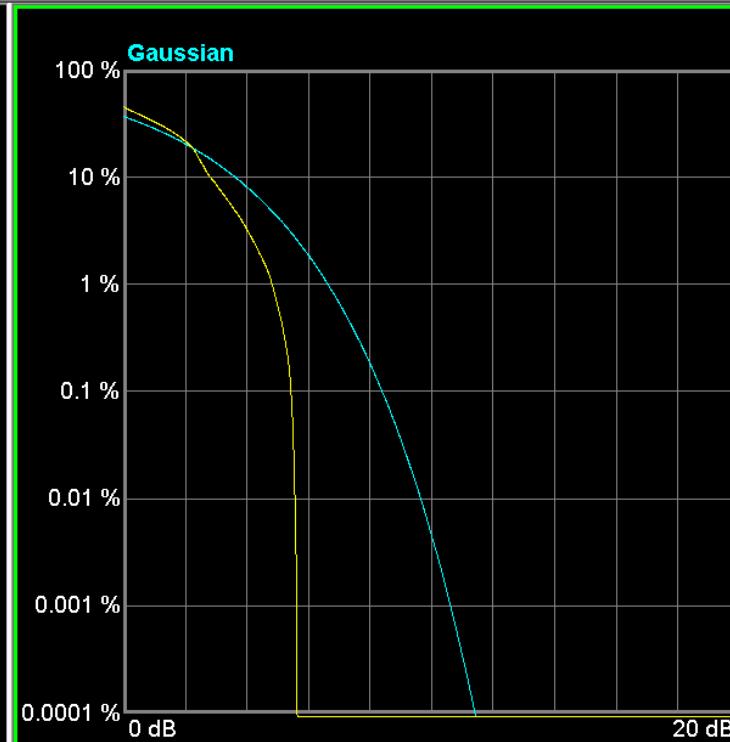
RL RF 50 Ω AC INT REF ALIGN OFF 11:22:37 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.04 dBm
45.33 % at 0dB

10.0 % 2.81 dB
1.0 % 4.82 dB
0.1 % 5.43 dB
0.01 % 5.56 dB
0.001 % 5.61 dB
0.0001 % 5.63 dB
Peak 5.67 dB
27.71 dBm

Gaussian



Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

MSG STATUS

1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2567.5	0.1	5.41	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:22:41 上午 十月 16, 201

Center Freq 2.567500001 GHz Center Freq: 2.567500001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
21.95 dBm
45.35 % at 0dB

10.0 % 2.81 dB
1.0 % 4.80 dB
0.1 % 5.41 dB
0.01 % 5.54 dB
0.001 % 5.58 dB
0.0001 % 5.60 dB
Peak 5.62 dB
27.57 dBm

Gaussian



0 dB 20 dB
Info BW 5.0000 MHz

Frequency
Center Freq 2.567500001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

1.43. LTE Peak to Average Ratio(NTNV)(Subtest:43, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	5.31	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:22:51 上午 十月 16, 201

Center Freq 2.505000000 GHz Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.14 dBm
46.57 % at 0dB

10.0 % 2.35 dB
1.0 % 4.35 dB
0.1 % 5.31 dB
0.01 % 5.84 dB
0.001 % 6.13 dB
0.0001 % 6.35 dB
Peak 6.35 dB
28.49 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 2.505000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	5.04	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:22:55 上午 十月 16, 201

Center Freq 2.505000000 GHz Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
21.79 dBm
46.07 % at 0dB

10.0 % 2.40 dB
1.0 % 4.33 dB
0.1 % 5.04 dB
0.01 % 5.33 dB
0.001 % 5.51 dB
0.0001 % 5.58 dB
Peak 5.59 dB
27.38 dBm

Gaussian

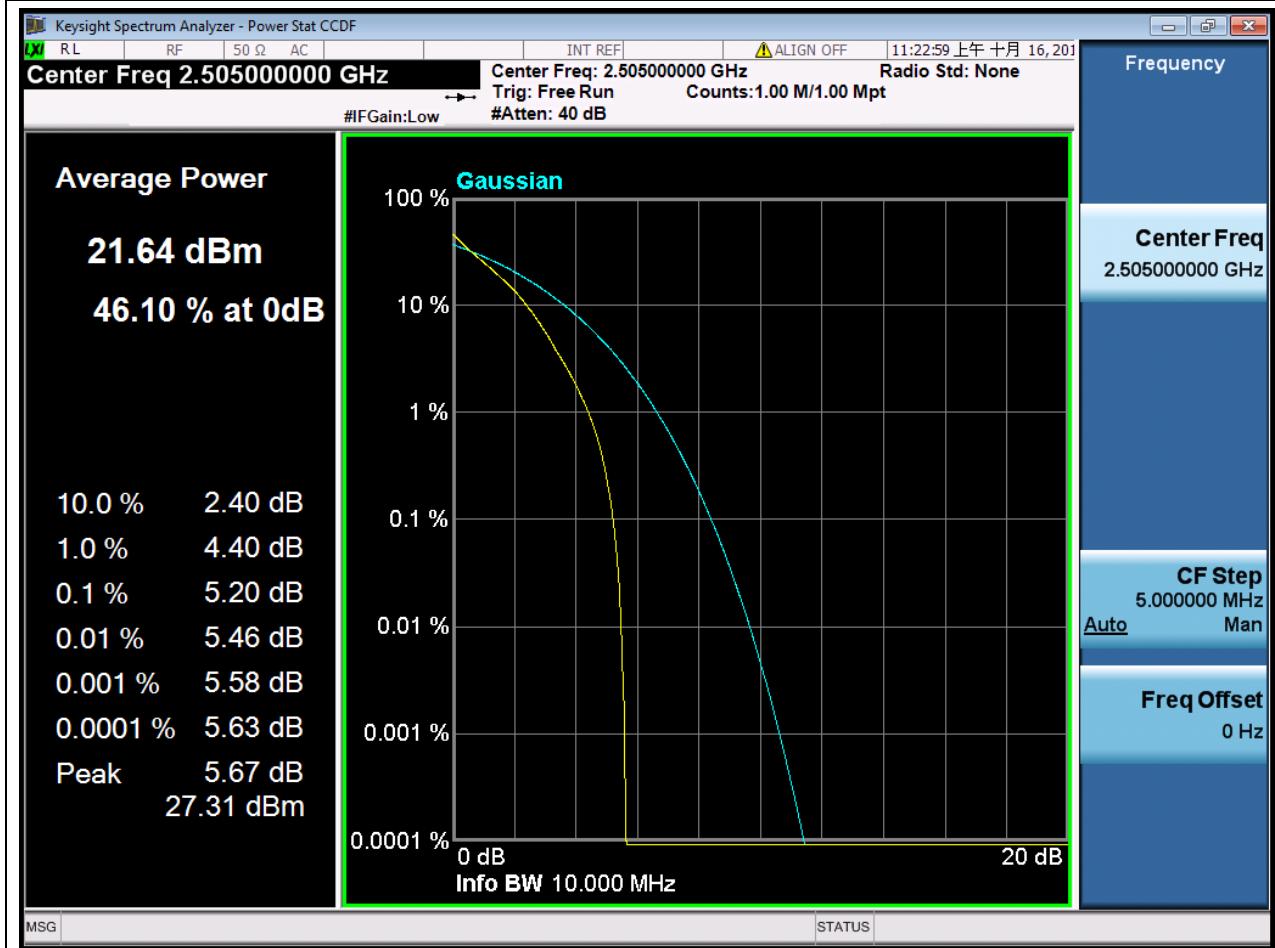


0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

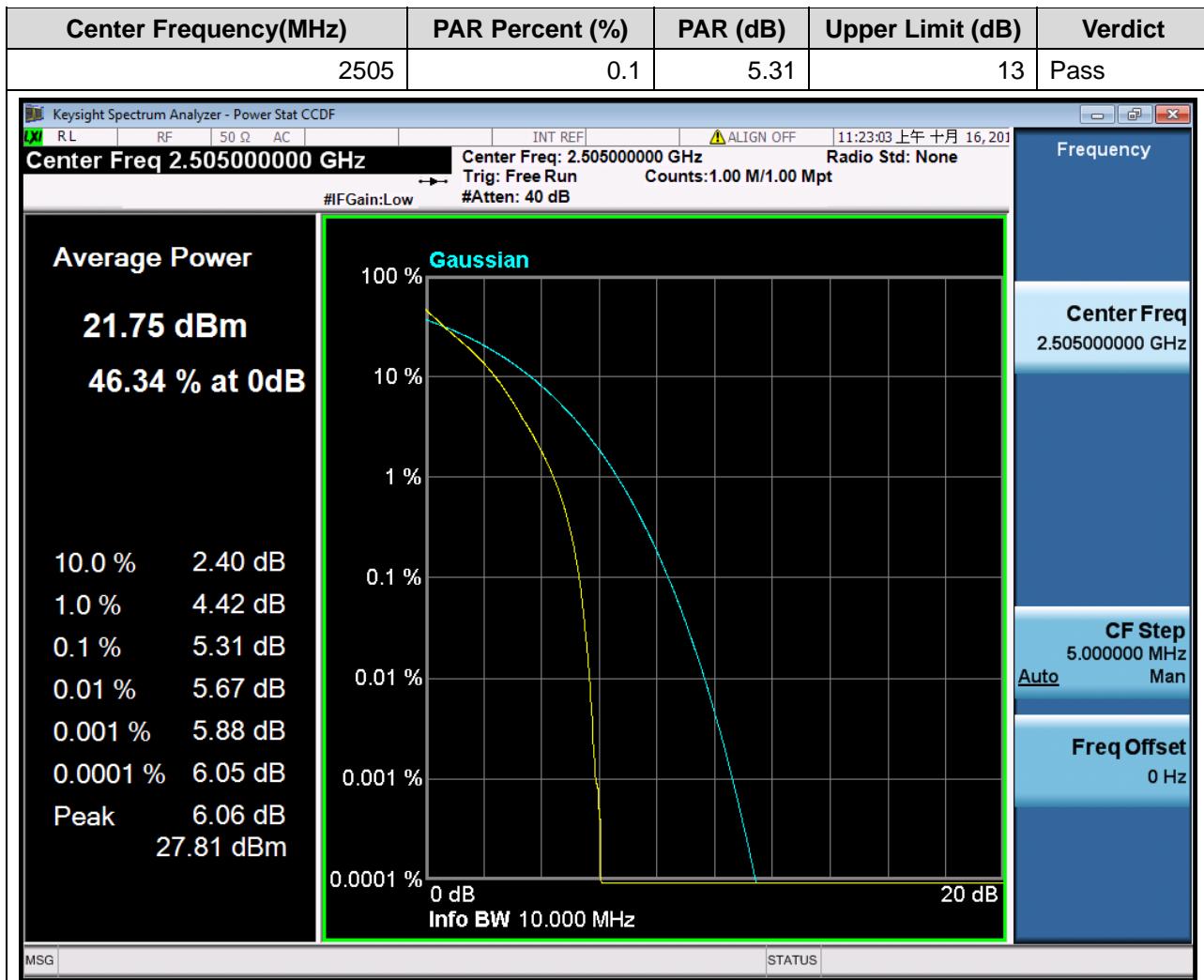
Frequency
Center Freq 2.505000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.45. LTE Peak to Average Ratio(NTNV)(Subtest:45, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	5.2	13	Pass

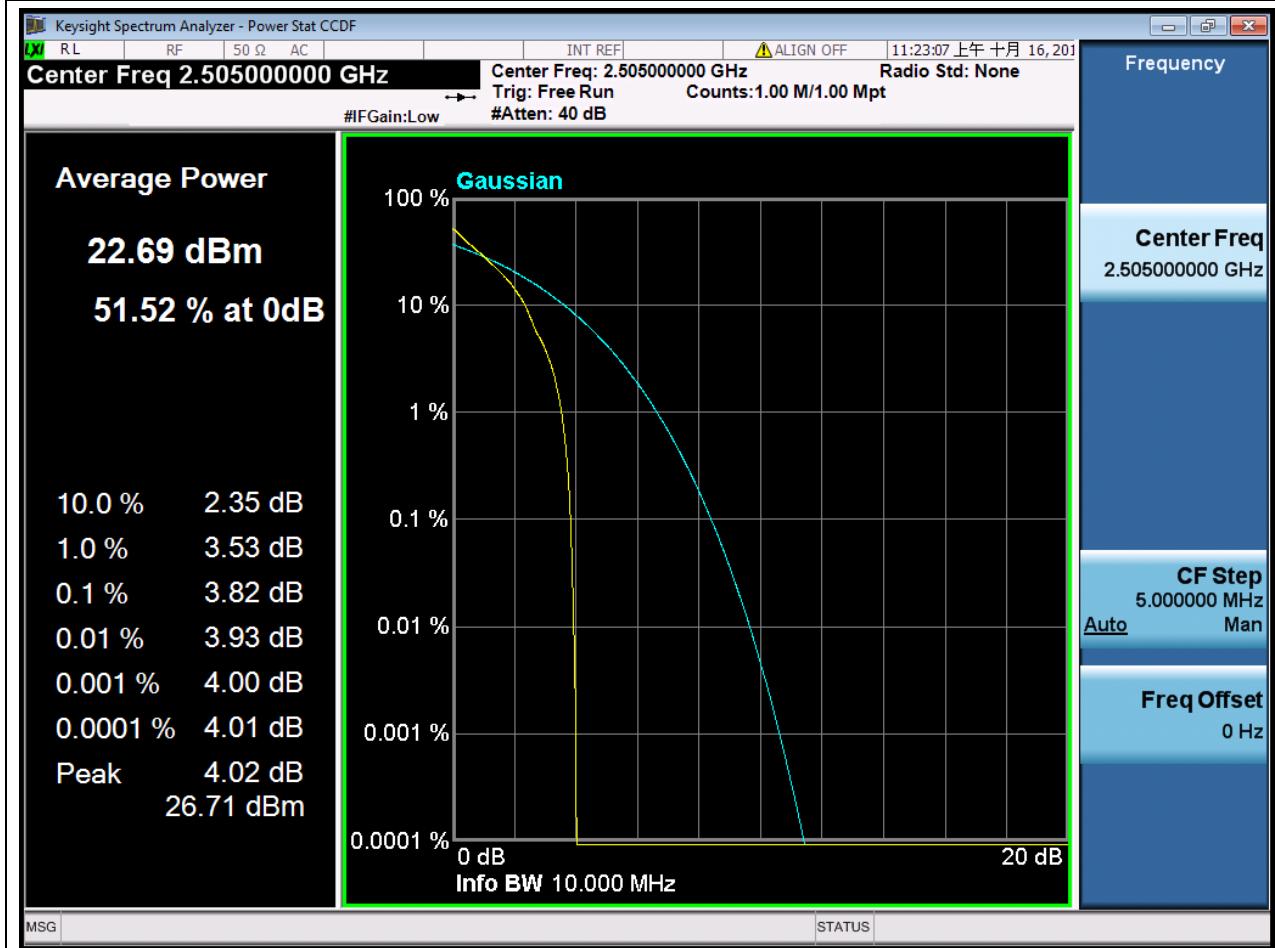


1.46. LTE Peak to Average Ratio(NTNV)(Subtest:46, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)



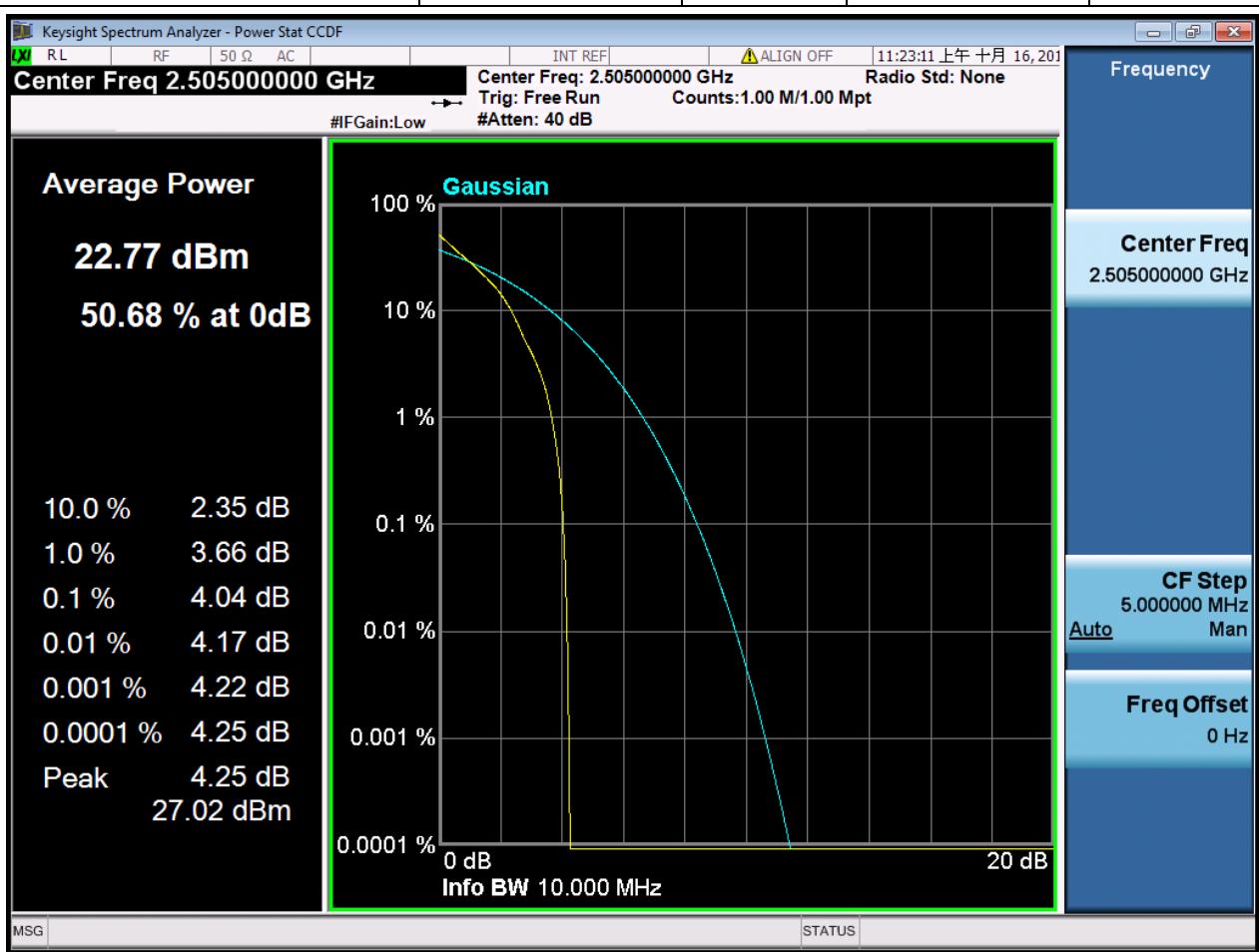
1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	3.82	13	Pass



1.48. LTE Peak to Average Ratio(NTNV)(Subtest:48, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	4.04	13	Pass



Average Power
22.77 dBm
50.68 % at 0dB

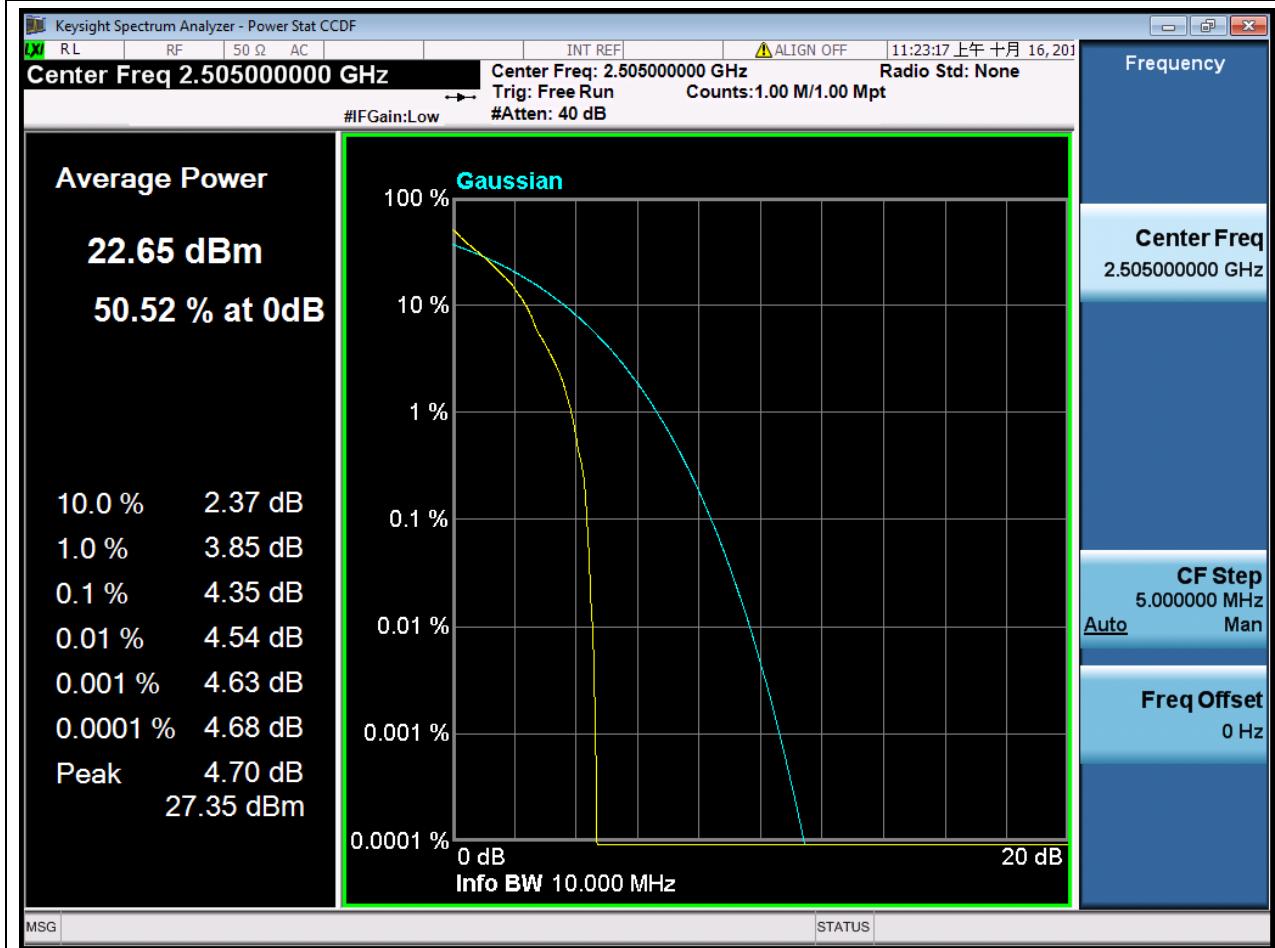
10.0 %	2.35 dB
1.0 %	3.66 dB
0.1 %	4.04 dB
0.01 %	4.17 dB
0.001 %	4.22 dB
0.0001 %	4.25 dB
Peak	4.25 dB
	27.02 dBm

Center Freq 2.505000000 GHz
Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 2.505000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.49. LTE Peak to Average Ratio(NTNV)(Subtest:49, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	4.35	13	Pass



1.50. LTE Peak to Average Ratio(NTNV)(Subtest:50, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	6.16	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:23:21 上午 十月 16, 201

Center Freq 2.505000000 GHz Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 20.62 dBm
45.27 % at 0dB

10.0 % 2.83 dB
1.0 % 4.88 dB
0.1 % 6.16 dB
0.01 % 6.96 dB
0.001 % 7.46 dB
0.0001 % 7.86 dB
Peak 7.88 dB
28.50 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.505000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.51. LTE Peak to Average Ratio(NTNV)(Subtest:51, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	6.09	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:23:25 上午 十月 16, 201

Center Freq 2.505000000 GHz Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
20.66 dBm
46.08 % at 0dB

10.0 % 2.79 dB
1.0 % 4.81 dB
0.1 % 6.09 dB
0.01 % 6.87 dB
0.001 % 7.20 dB
0.0001 % 7.29 dB
Peak 7.35 dB
28.01 dBm

Gaussian

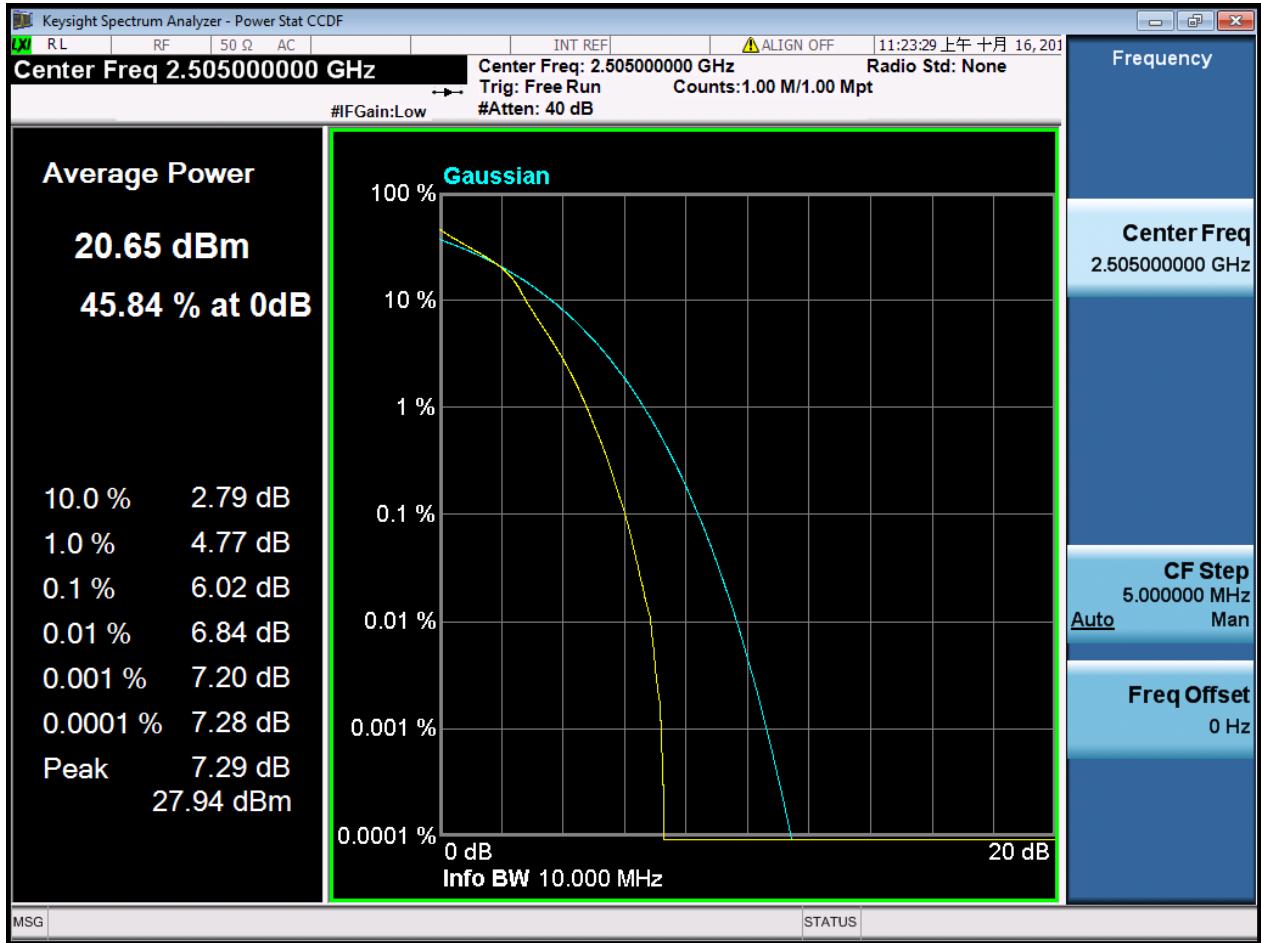


0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 2.505000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

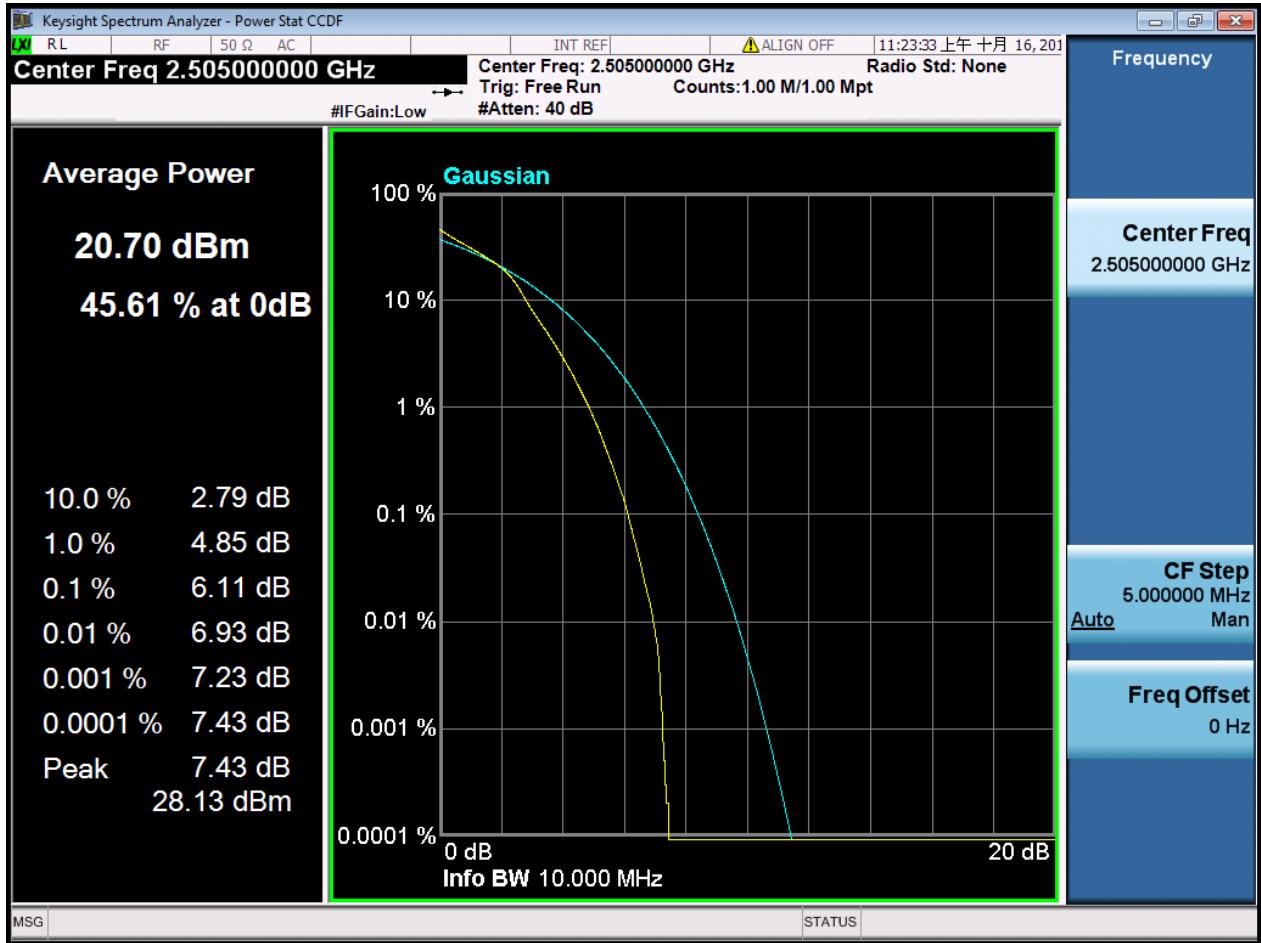
1.52. LTE Peak to Average Ratio(NTNV)(Subtest:52, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	6.02	13	Pass



1.53. LTE Peak to Average Ratio(NTNV)(Subtest:53, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	6.11	13	Pass



Average Power
20.70 dBm
45.61 % at 0dB

10.0 %	2.79 dB
1.0 %	4.85 dB
0.1 %	6.11 dB
0.01 %	6.93 dB
0.001 %	7.23 dB
0.0001 %	7.43 dB
Peak	7.43 dB
	28.13 dBm

Center Freq 2.505000000 GHz Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Frequency
Center Freq 2.505000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.54. LTE Peak to Average Ratio(NTNV)(Subtest:54, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	5.04	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:23:38 上午 十月 16, 201

Center Freq 2.505000000 GHz Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.85 dBm
46.65 % at 0dB

10.0 % 2.74 dB
1.0 % 4.60 dB
0.1 % 5.04 dB
0.01 % 5.18 dB
0.001 % 5.23 dB
0.0001 % 5.27 dB
Peak 5.31 dB
27.16 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 2.505000000 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:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	5.21	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:23:42 上午 十月 16, 201

Center Freq 2.505000000 GHz Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
21.90 dBm
46.47 % at 0dB

10.0 % 2.75 dB
1.0 % 4.68 dB
0.1 % 5.21 dB
0.01 % 5.37 dB
0.001 % 5.45 dB
0.0001 % 5.46 dB
Peak 5.47 dB
27.37 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 2.505000000 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:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2505	0.1	5.25	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:23:46 上午 十月 16, 201

Center Freq 2.505000000 GHz Center Freq: 2.505000000 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.81 dBm
45.91 % at 0dB

10.0 % 2.77 dB
1.0 % 4.72 dB
0.1 % 5.25 dB
0.01 % 5.43 dB
0.001 % 5.54 dB
0.0001 % 5.58 dB
Peak 5.59 dB
27.40 dBm

Gaussian



Info BW 10.000 MHz

Frequency
Center Freq 2.505000000 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.57. LTE Peak to Average Ratio(NTNV)(Subtest:57, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.58	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:23:53 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.69 dBm
45.33 % at 0dB

10.0 % 2.36 dB
1.0 % 4.47 dB
0.1 % 5.58 dB
0.01 % 6.22 dB
0.001 % 6.63 dB
0.0001 % 6.73 dB
Peak 6.80 dB
28.49 dBm

Gaussian

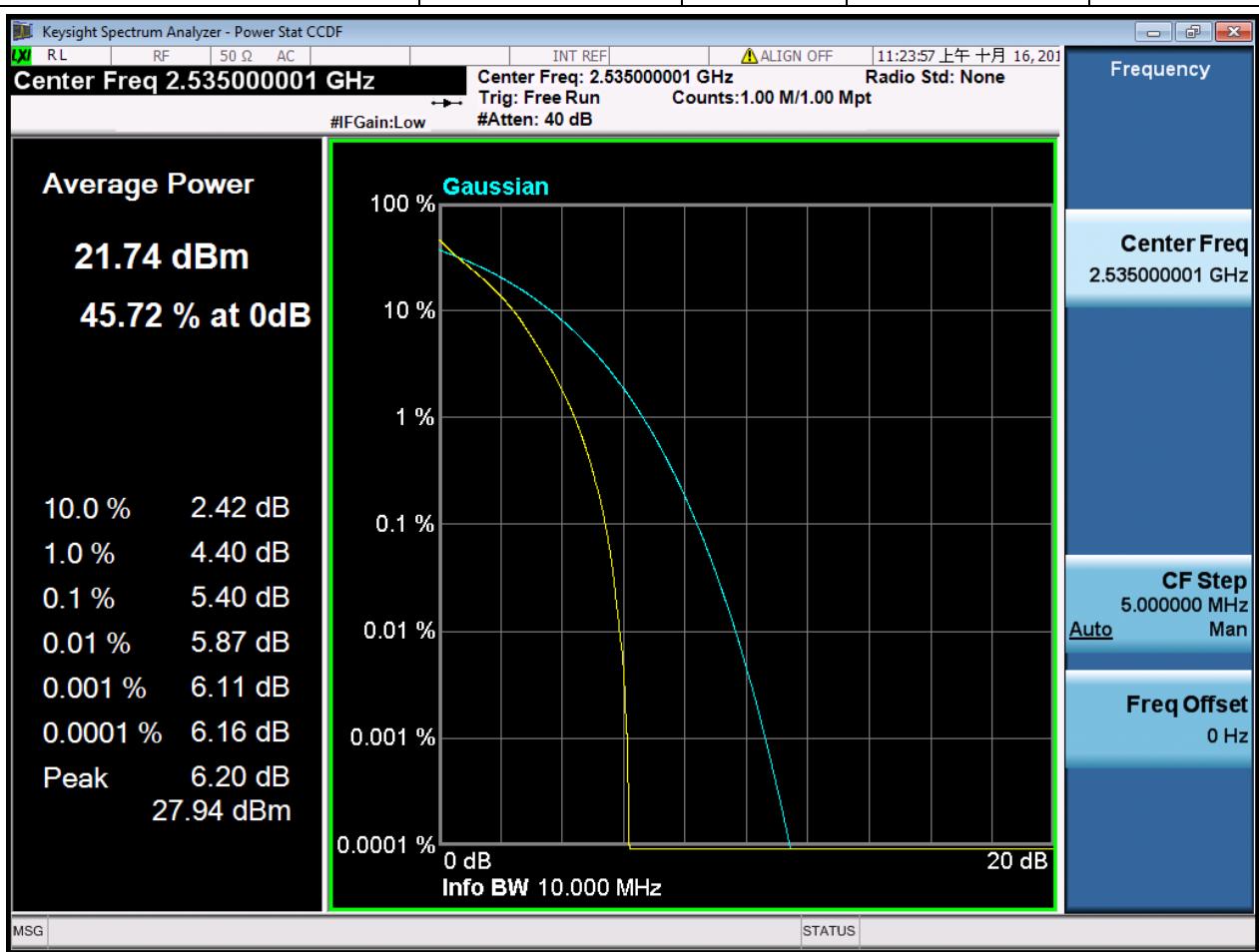


0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.58. LTE Peak to Average Ratio(NTNV)(Subtest:58, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.4	13	Pass



Average Power	
21.74 dBm	
45.72 % at 0dB	
10.0 %	2.42 dB
1.0 %	4.40 dB
0.1 %	5.40 dB
0.01 %	5.87 dB
0.001 %	6.11 dB
0.0001 %	6.16 dB
Peak	6.20 dB
	27.94 dBm

1.59. LTE Peak to Average Ratio(NTNV)(Subtest:59, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.27	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:02 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.01 dBm
45.78 % at 0dB

10.0 % 2.43 dB
1.0 % 4.39 dB
0.1 % 5.27 dB
0.01 % 5.61 dB
0.001 % 5.73 dB
0.0001 % 5.77 dB
Peak 5.81 dB
27.82 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 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.60. LTE Peak to Average Ratio(NTNV)(Subtest:60, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.29	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:06 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.04 dBm
45.90 % at 0dB

10.0 % 2.43 dB
1.0 % 4.39 dB
0.1 % 5.29 dB
0.01 % 5.69 dB
0.001 % 5.88 dB
0.0001 % 5.96 dB
Peak 6.01 dB
28.05 dBm

Gaussian



Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

1.61. LTE Peak to Average Ratio(NTNV)(Subtest:61, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.41	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:10 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.86 dBm
49.43 % at 0dB

10.0 % 2.43 dB
1.0 % 3.93 dB
0.1 % 4.41 dB
0.01 % 4.56 dB
0.001 % 4.63 dB
0.0001 % 4.66 dB
Peak 4.72 dB
27.58 dBm

Gaussian



0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz
Auto Man
Freq Offset 0 Hz

1.62. LTE Peak to Average Ratio(NTNV)(Subtest:62, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.39	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:14 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
22.86 dBm
49.28 % at 0dB

10.0 % 2.40 dB
1.0 % 3.93 dB
0.1 % 4.39 dB
0.01 % 4.51 dB
0.001 % 4.58 dB
0.0001 % 4.62 dB
Peak 4.66 dB
27.52 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.63. LTE Peak to Average Ratio(NTNV)(Subtest:63, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.57	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

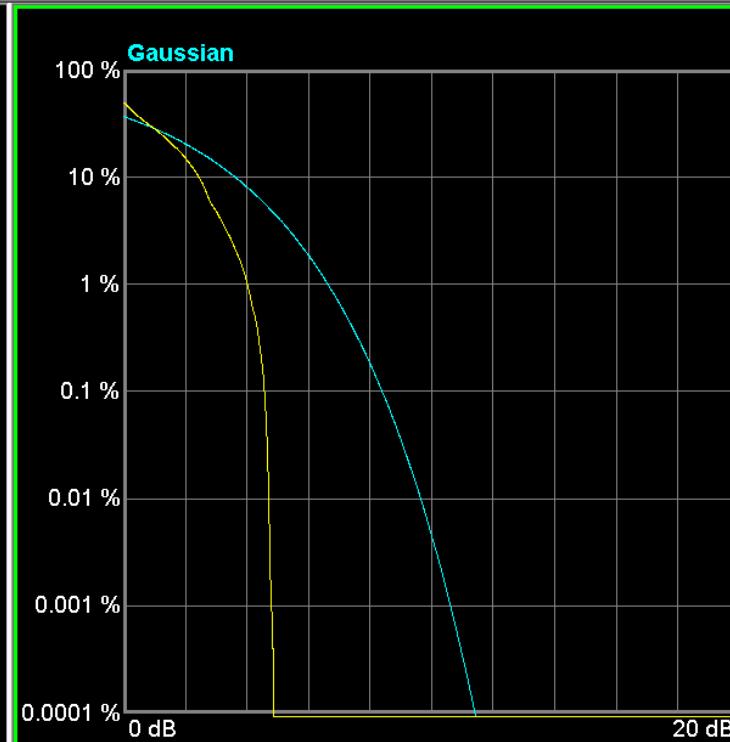
RL RF 50 Ω AC INT REF ALIGN OFF 11:24:18 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
22.64 dBm
49.42 % at 0dB

10.0 % 2.44 dB
1.0 % 4.01 dB
0.1 % 4.57 dB
0.01 % 4.71 dB
0.001 % 4.80 dB
0.0001 % 4.86 dB
Peak 4.86 dB
27.50 dBm

Gaussian



Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.64. LTE Peak to Average Ratio(NTNV)(Subtest:64, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.37	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:22 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 20.74 dBm
43.75 % at 0dB

10.0 % 2.87 dB
1.0 % 5.09 dB
0.1 % 6.37 dB
0.01 % 7.06 dB
0.001 % 7.40 dB
0.0001 % 7.61 dB
Peak 7.97 dB
28.71 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.65. LTE Peak to Average Ratio(NTNV)(Subtest:65, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.07	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:28 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.22 dBm
44.65 % at 0dB

10.0 % 2.87 dB
1.0 % 5.03 dB
0.1 % 6.07 dB
0.01 % 6.52 dB
0.001 % 6.73 dB
0.0001 % 6.85 dB
Peak 6.85 dB
28.07 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.66. LTE Peak to Average Ratio(NTNV)(Subtest:66, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.04	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:32 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.17 dBm
44.21 % at 0dB

10.0 % 2.89 dB
1.0 % 5.05 dB
0.1 % 6.04 dB
0.01 % 6.41 dB
0.001 % 6.52 dB
0.0001 % 6.57 dB
Peak 6.58 dB
27.75 dBm

Gaussian



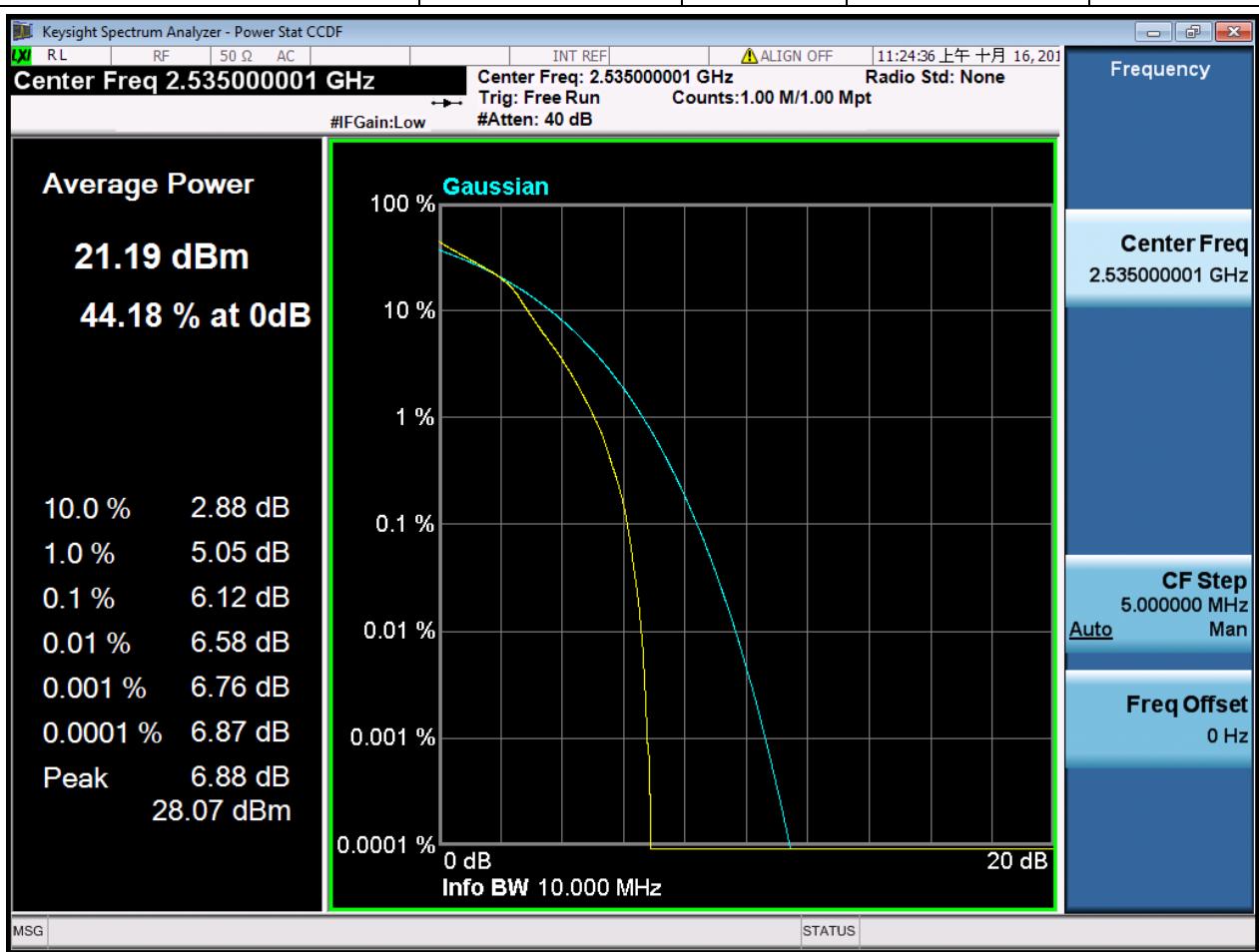
0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.67. LTE Peak to Average Ratio(NTNV)(Subtest:67, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.12	13	Pass



Power Level	dBm Value
10.0 %	2.88 dB
1.0 %	5.05 dB
0.1 %	6.12 dB
0.01 %	6.58 dB
0.001 %	6.76 dB
0.0001 %	6.87 dB
Peak	6.88 dB
	28.07 dBm

1.68. LTE Peak to Average Ratio(NTNV)(Subtest:68, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.1	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:40 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.31 dBm
46.37 % at 0dB

10.0 % 2.75 dB
1.0 % 4.55 dB
0.1 % 5.10 dB
0.01 % 5.29 dB
0.001 % 5.41 dB
0.0001 % 5.45 dB
Peak 5.46 dB
27.77 dBm

Gaussian



Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

1.69. LTE Peak to Average Ratio(NTNV)(Subtest:69, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.04	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:44 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.34 dBm
46.43 % at 0dB

10.0 % 2.75 dB
1.0 % 4.53 dB
0.1 % 5.04 dB
0.01 % 5.17 dB
0.001 % 5.24 dB
0.0001 % 5.26 dB
Peak 5.32 dB
27.66 dBm

Gaussian



Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.70. LTE Peak to Average Ratio(NTNV)(Subtest:70, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.38	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:24:48 上午 十月 16, 201

Center Freq 2.535000001 GHz Center Freq: 2.535000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.02 dBm
45.86 % at 0dB

10.0 % 2.81 dB
1.0 % 4.74 dB
0.1 % 5.38 dB
0.01 % 5.59 dB
0.001 % 5.73 dB
0.0001 % 5.81 dB
Peak 5.93 dB
27.95 dBm

Gaussian



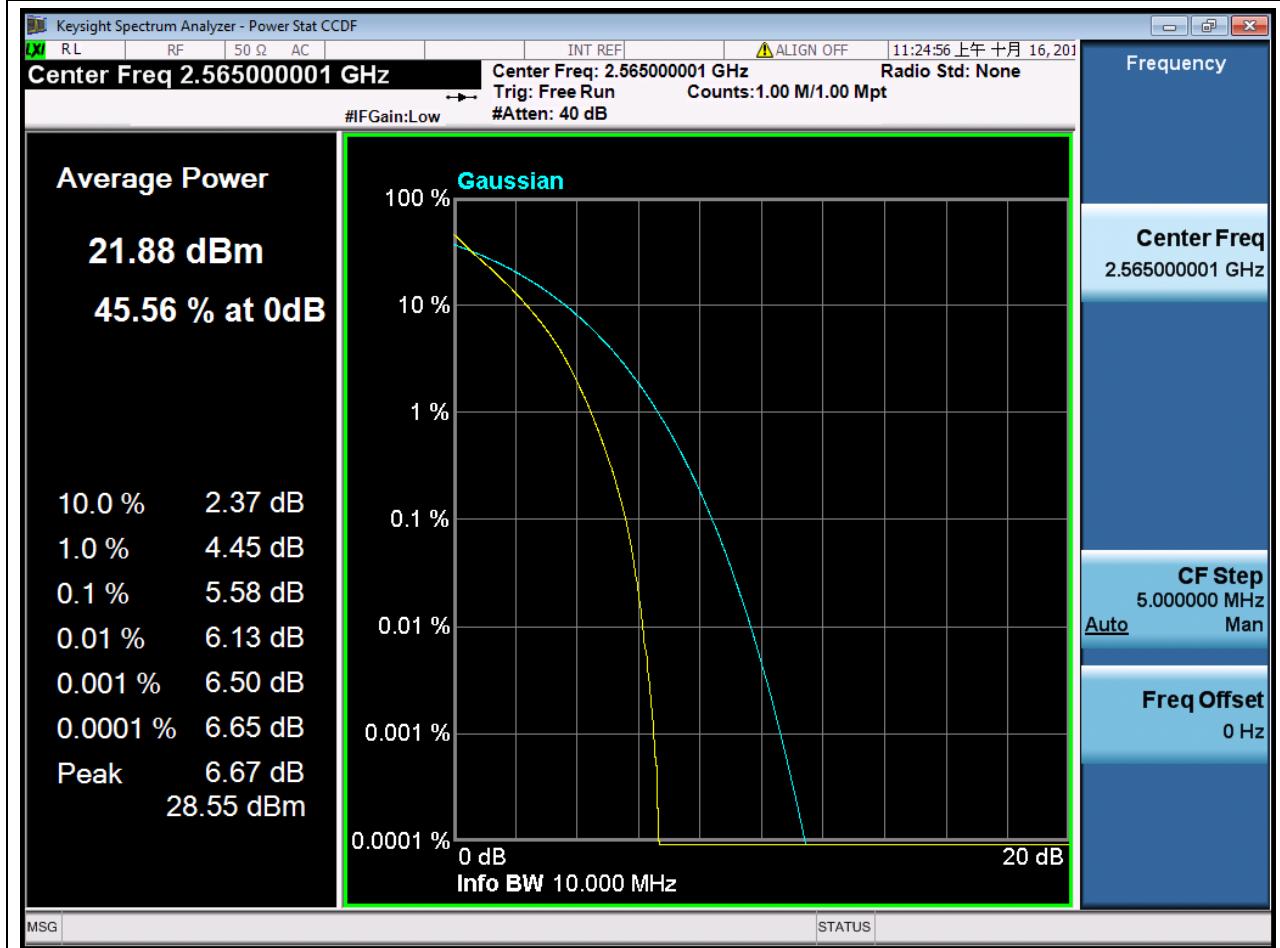
0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.535000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

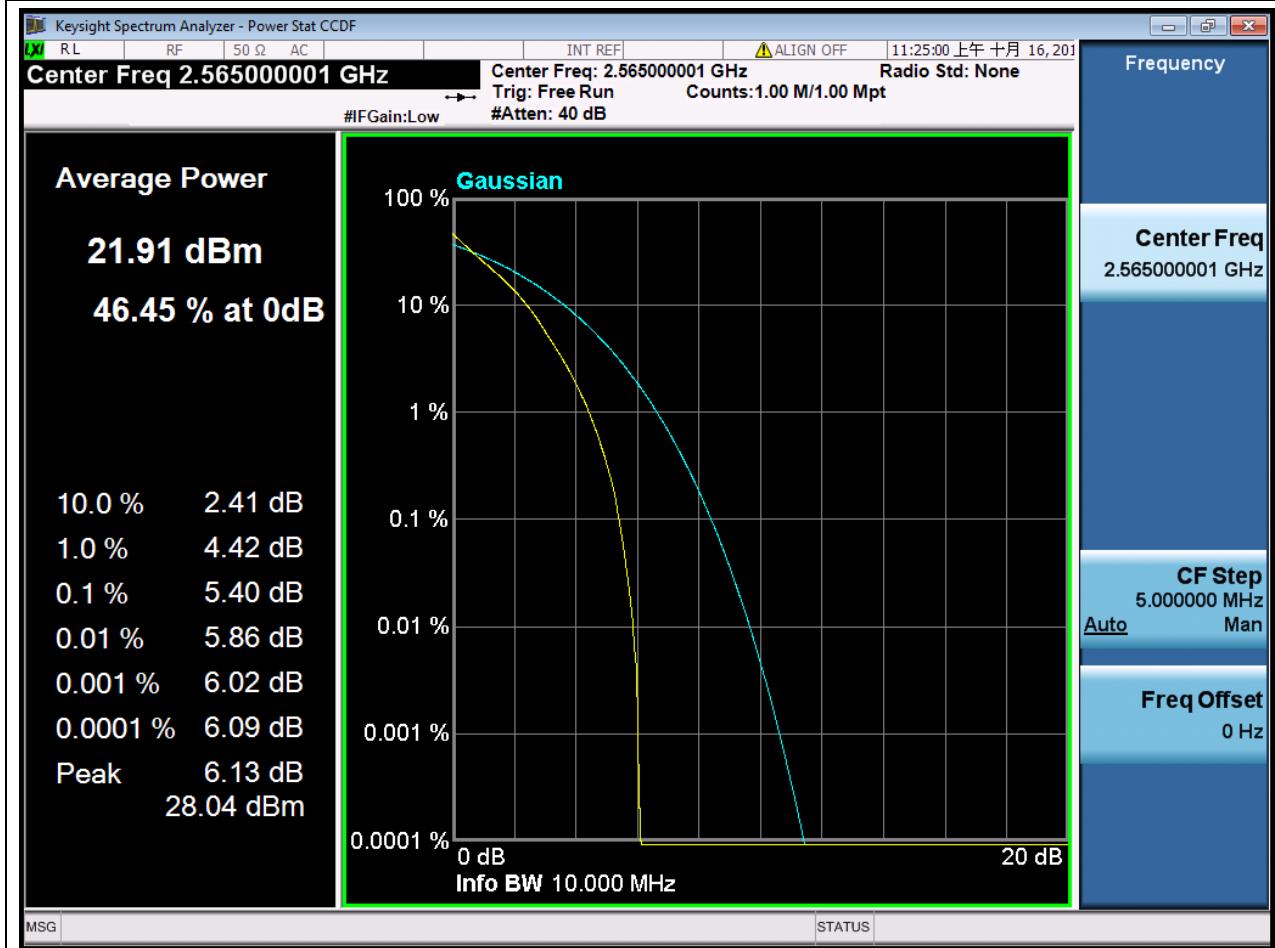
1.71. LTE Peak to Average Ratio(NTNV)(Subtest:71, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	5.58	13	Pass



1.72. LTE Peak to Average Ratio(NTNV)(Subtest:72, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	5.4	13	Pass



1.73. LTE Peak to Average Ratio(NTNV)(Subtest:73, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	5.41	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:25:04 上午 十月 16, 201

Center Freq 2.565000001 GHz Center Freq: 2.565000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
21.79 dBm
45.82 % at 0dB

10.0 % 2.43 dB
1.0 % 4.46 dB
0.1 % 5.41 dB
0.01 % 5.78 dB
0.001 % 5.92 dB
0.0001 % 5.97 dB
Peak 5.97 dB
27.76 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 10.000 MHz

Frequency
Center Freq 2.565000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.74. LTE Peak to Average Ratio(NTNV)(Subtest:74, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	5.41	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

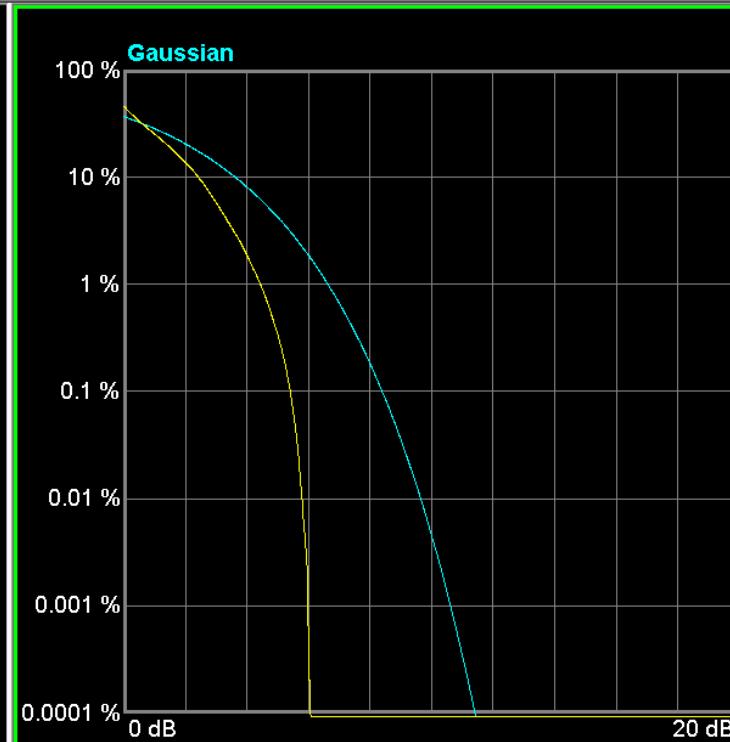
RL RF 50 Ω AC INT REF ALIGN OFF 11:25:08 上午 十月 16, 201

Center Freq 2.565000001 GHz Center Freq: 2.565000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 21.76 dBm
45.83 % at 0dB

10.0 % 2.43 dB
1.0 % 4.43 dB
0.1 % 5.41 dB
0.01 % 5.79 dB
0.001 % 5.97 dB
0.0001 % 6.04 dB
Peak 6.06 dB
27.82 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 2.565000001 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:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	4.46	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:25:13 上午 十月 16, 201

Center Freq 2.565000001 GHz Center Freq: 2.565000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.84 dBm
50.09 % at 0dB

10.0 % 2.44 dB
1.0 % 3.88 dB
0.1 % 4.46 dB
0.01 % 4.60 dB
0.001 % 4.65 dB
0.0001 % 4.68 dB
Peak 4.69 dB
27.53 dBm

Gaussian



Info BW 10.000 MHz

Frequency
Center Freq 2.565000001 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:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	4.24	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:25:17 上午 十月 16, 201

Center Freq 2.565000001 GHz Center Freq: 2.565000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.93 dBm
50.19 % at 0dB

10.0 % 2.40 dB
1.0 % 3.76 dB
0.1 % 4.24 dB
0.01 % 4.40 dB
0.001 % 4.47 dB
0.0001 % 4.50 dB
Peak 4.50 dB
27.43 dBm

Gaussian



0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 2.565000001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.77. LTE Peak to Average Ratio(NTNV)(Subtest:77, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	4.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

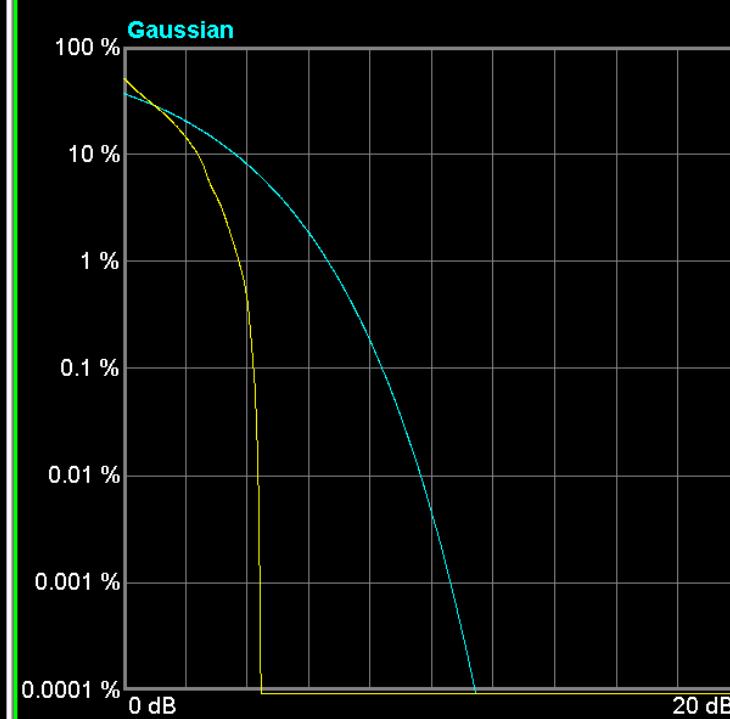
RL RF 50 Ω AC INT REF ALIGN OFF 11:25:21 上午 十月 16, 201

Center Freq 2.565000001 GHz Center Freq: 2.565000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
22.79 dBm
50.84 % at 0dB

10.0 % 2.41 dB
1.0 % 3.74 dB
0.1 % 4.22 dB
0.01 % 4.36 dB
0.001 % 4.41 dB
0.0001 % 4.45 dB
Peak 4.48 dB
27.27 dBm

Gaussian



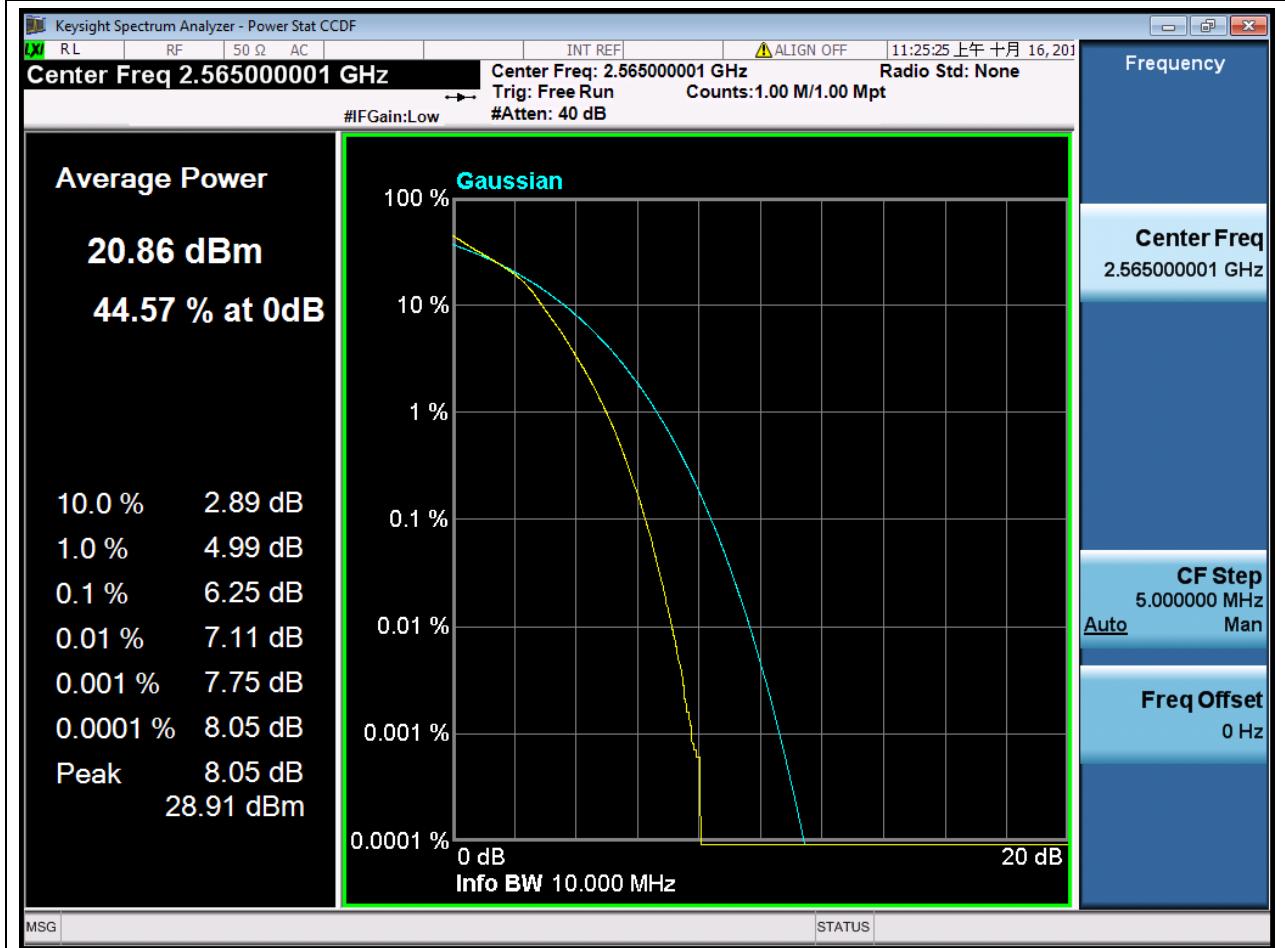
0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 2.565000001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

1.78. LTE Peak to Average Ratio(NTNV)(Subtest:78, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	6.25	13	Pass



1.79. LTE Peak to Average Ratio(NTNV)(Subtest:79, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	6.23	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

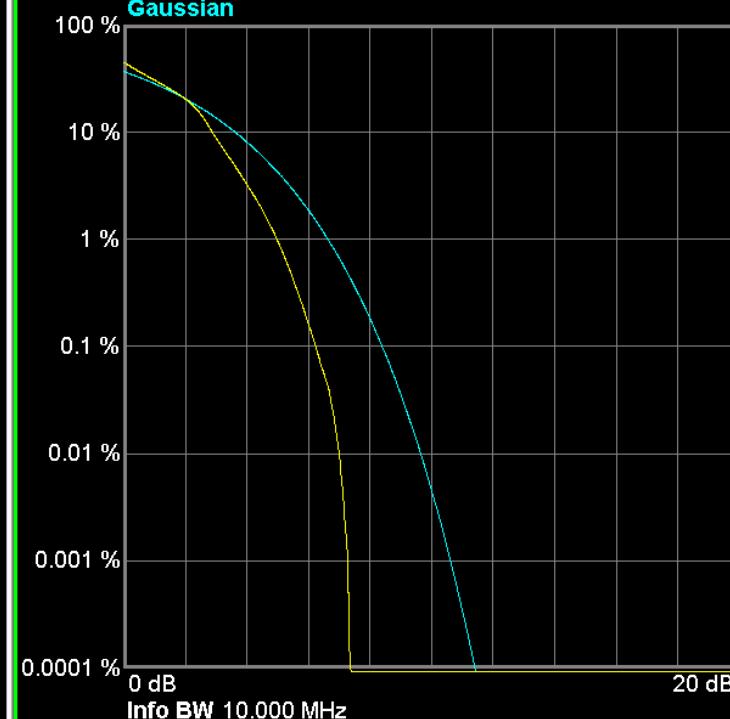
RL RF 50 Ω AC INT REF ALIGN OFF 11:25:29 上午 十月 16, 201

Center Freq 2.565000001 GHz Center Freq: 2.565000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power
20.92 dBm
44.83 % at 0dB

10.0 % 2.87 dB
1.0 % 4.98 dB
0.1 % 6.23 dB
0.01 % 7.00 dB
0.001 % 7.27 dB
0.0001 % 7.34 dB
Peak 7.37 dB
28.29 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 2.565000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz

MSG STATUS

1.80. LTE Peak to Average Ratio(NTNV)(Subtest:80, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	6.23	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:25:33 上午 十月 16, 201

Center Freq 2.565000001 GHz Center Freq: 2.565000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 20.85 dBm
44.96 % at 0dB

10.0 % 2.87 dB
1.0 % 4.97 dB
0.1 % 6.23 dB
0.01 % 6.91 dB
0.001 % 7.14 dB
0.0001 % 7.27 dB
Peak 7.28 dB
28.13 dBm

Gaussian



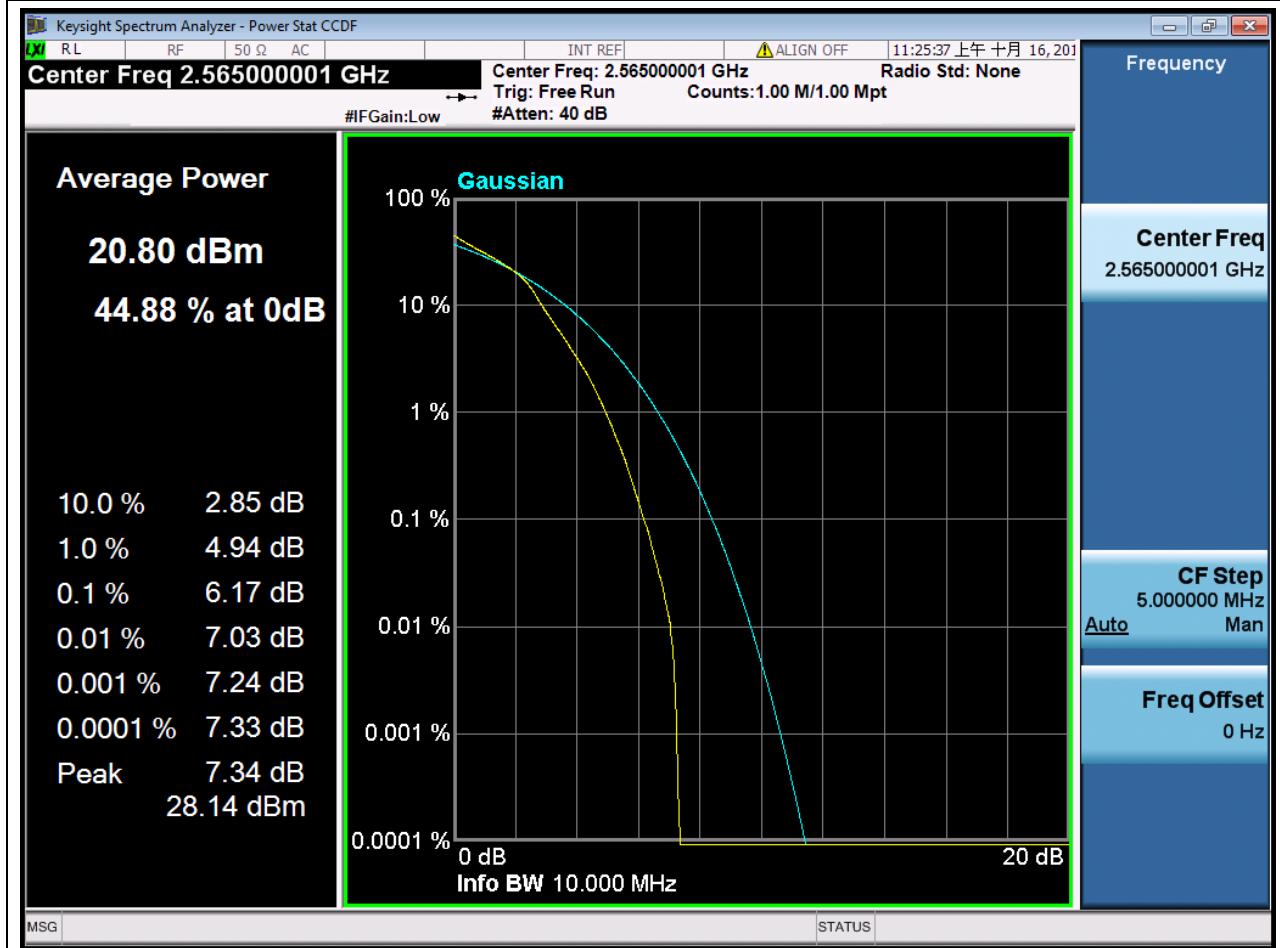
0 dB 20 dB
Info BW 10.000 MHz

Frequency
Center Freq 2.565000001 GHz
CF Step 5.000000 MHz Man
Freq Offset 0 Hz

MSG STATUS

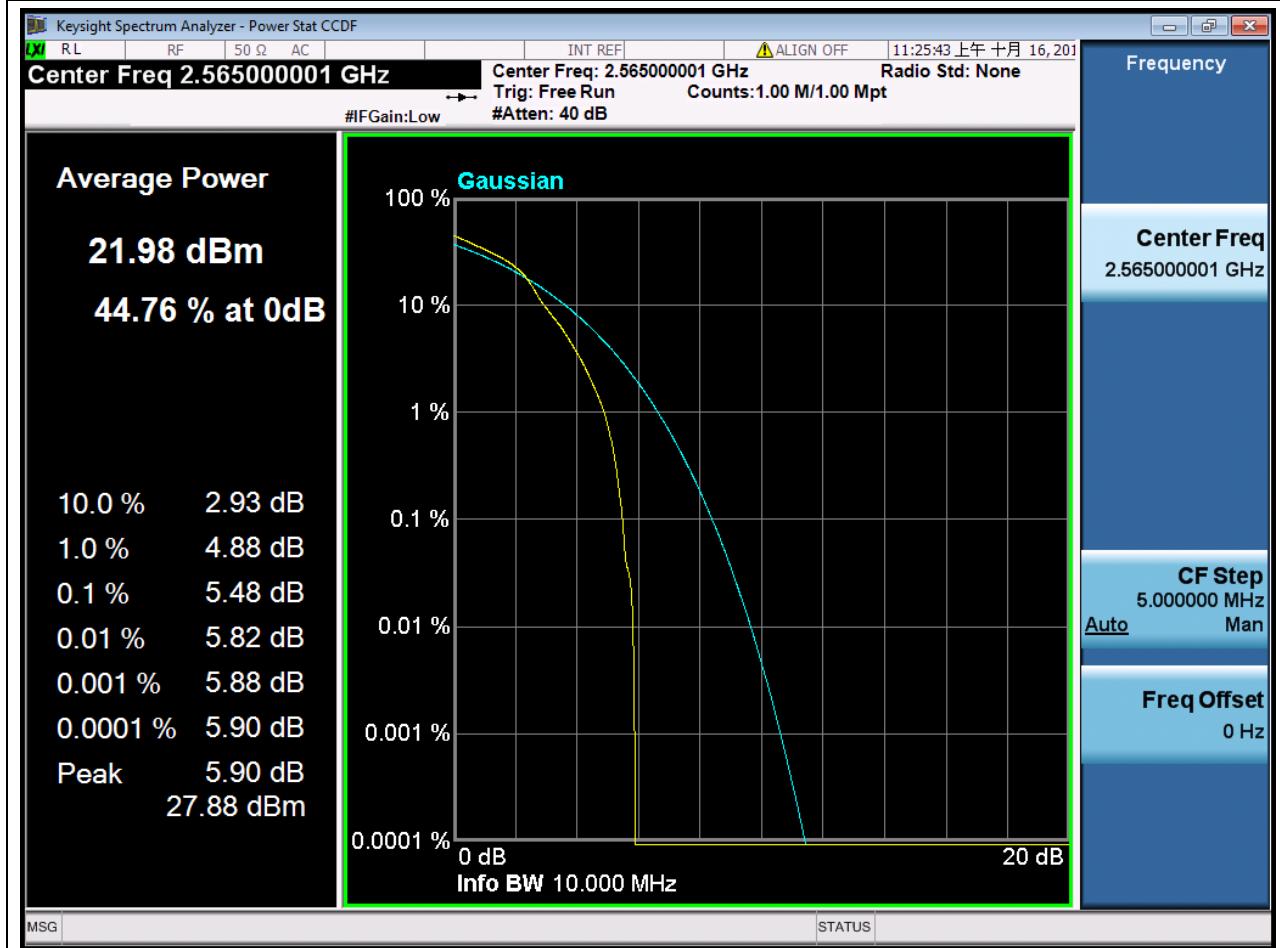
1.81. LTE Peak to Average Ratio(NTNV)(Subtest:81, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	6.17	13	Pass



1.82. LTE Peak to Average Ratio(NTNV)(Subtest:82, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	5.48	13	Pass



1.83. LTE Peak to Average Ratio(NTNV)(Subtest:83, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2565	0.1	5.17	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 11:25:47 上午 十月 16, 201

Center Freq 2.565000001 GHz Center Freq: 2.565000001 GHz Radio Std: None
Trig: Free Run Counts: 1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Average Power 22.06 dBm
45.56 % at 0dB

10.0 % 2.92 dB
1.0 % 4.70 dB
0.1 % 5.17 dB
0.01 % 5.39 dB
0.001 % 5.45 dB
0.0001 % 5.47 dB
Peak 5.47 dB
27.53 dBm

Gaussian



Info BW 10.000 MHz

Frequency
Center Freq 2.565000001 GHz
CF Step 5.000000 MHz Man
Auto
Freq Offset 0 Hz