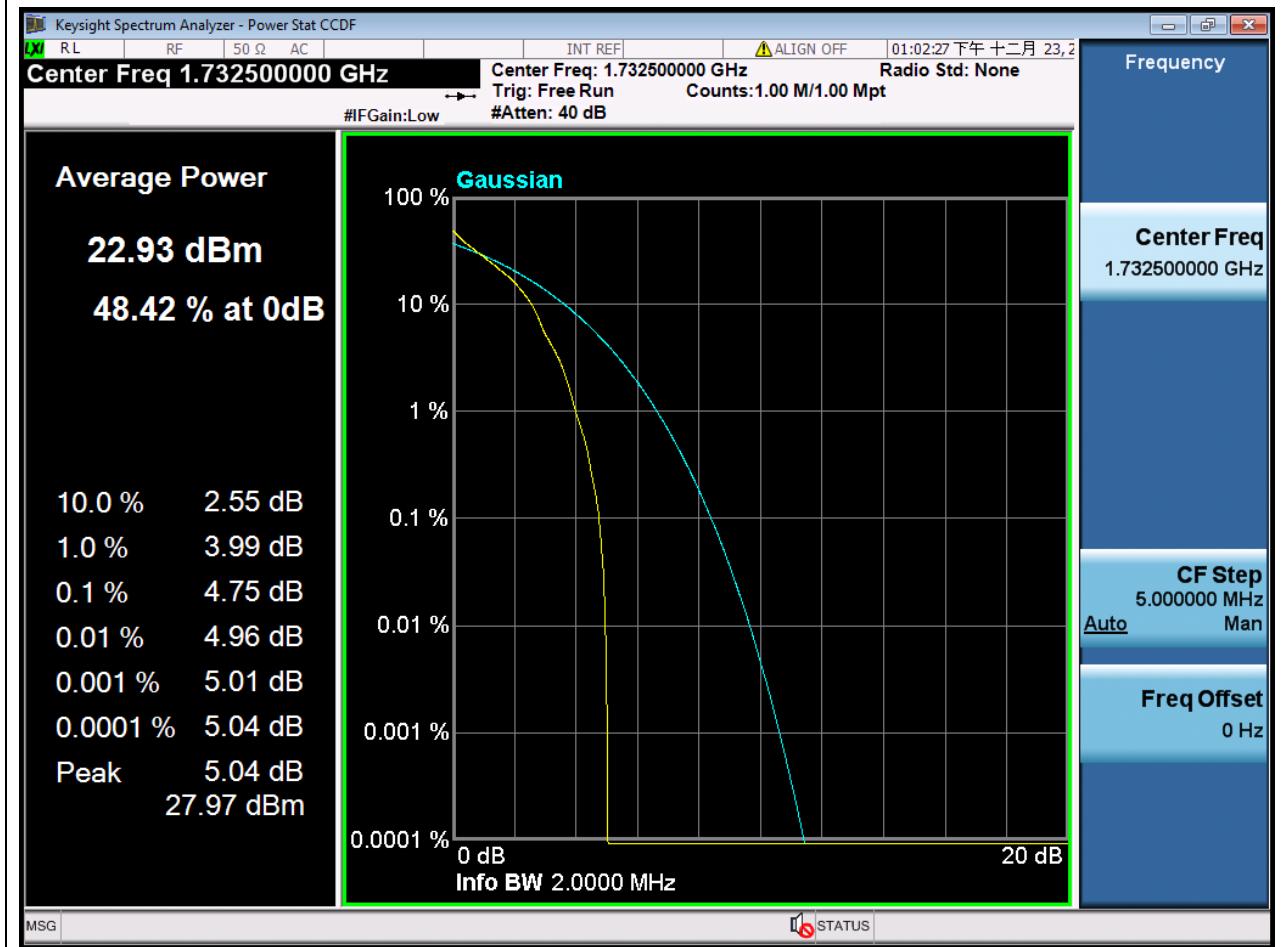


Annex B. LTE Peak to Average Ratio

1. LTE_Band4

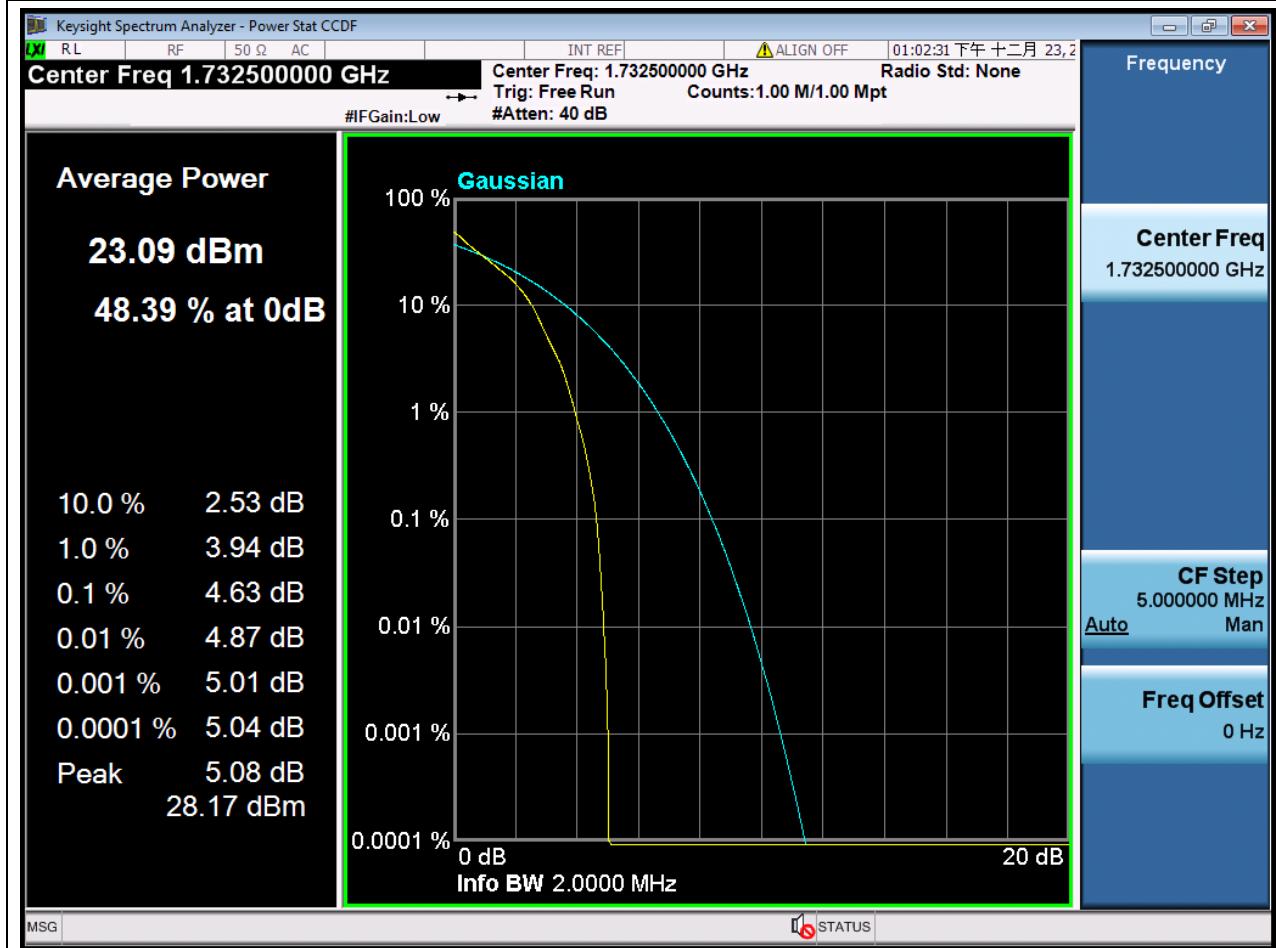
1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.63	13	Pass



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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:02:35 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.91 dBm
48.74 % at 0dB

10.0 % 2.56 dB
1.0 % 3.98 dB
0.1 % 4.73 dB
0.01 % 4.93 dB
0.001 % 5.00 dB
0.0001 % 5.02 dB
Peak 5.02 dB
27.93 dBm

Gaussian



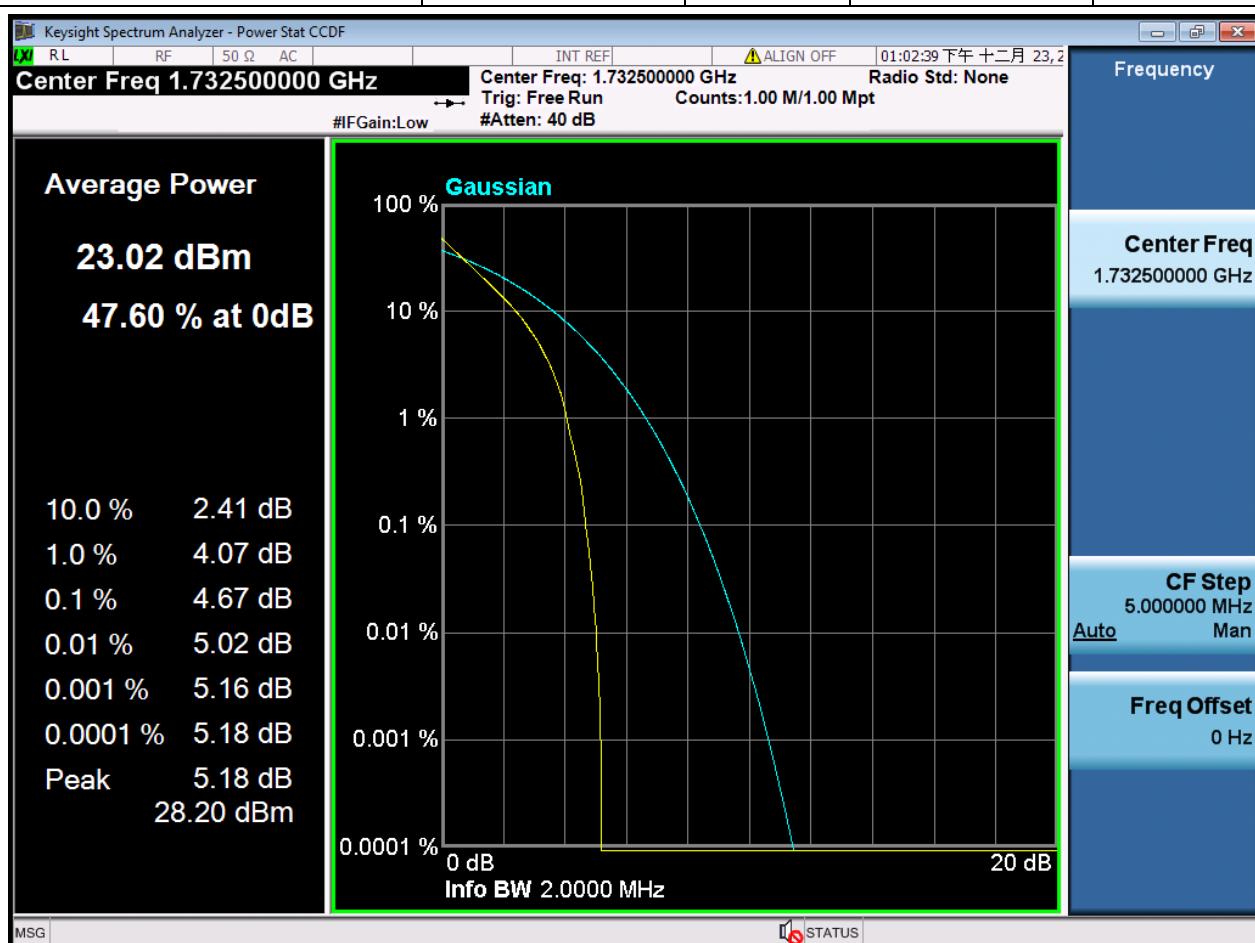
Info BW 2.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.67	13	Pass



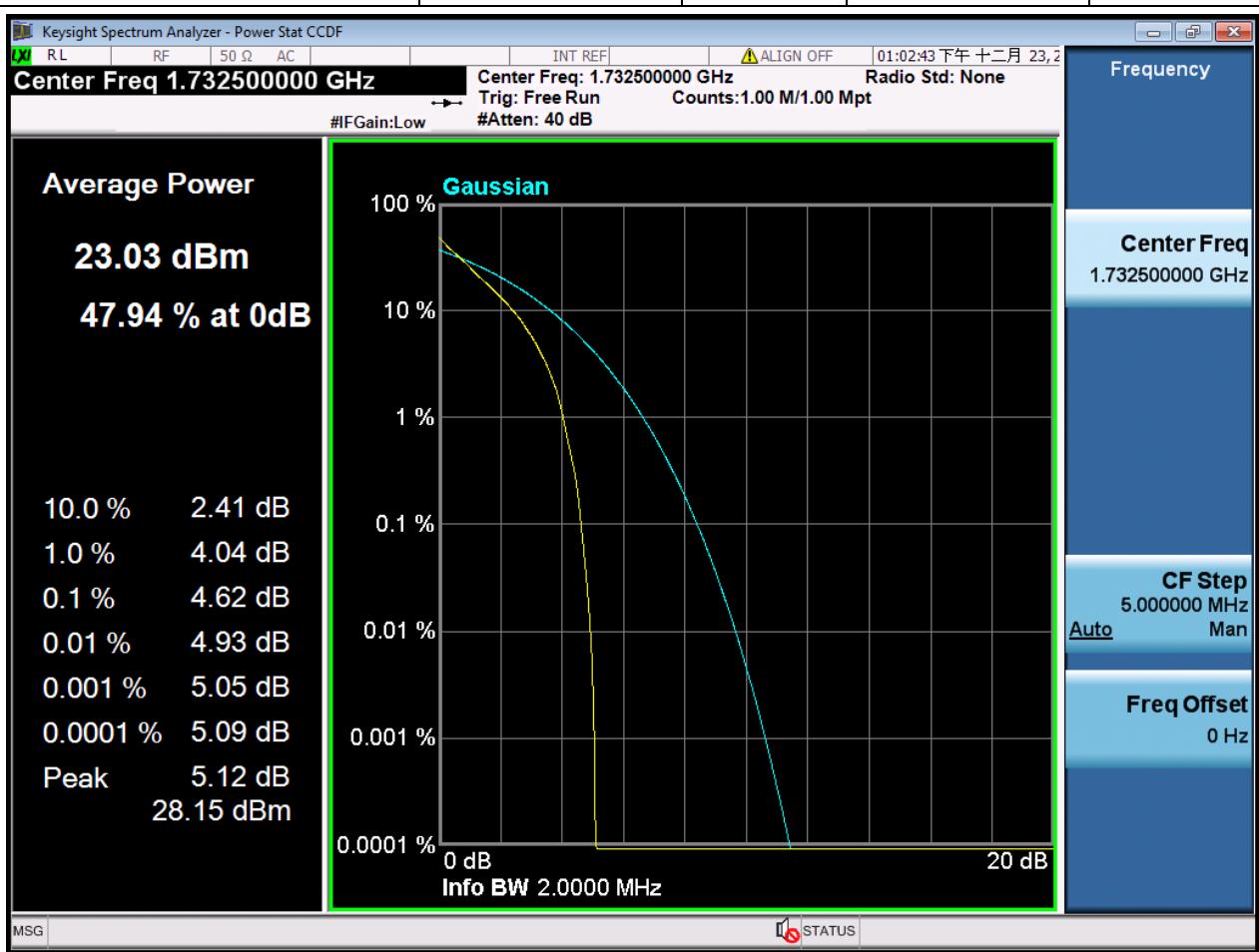
Average Power
23.02 dBm
47.60 % at 0dB

10.0 %	2.41 dB
1.0 %	4.07 dB
0.1 %	4.67 dB
0.01 %	5.02 dB
0.001 %	5.16 dB
0.0001 %	5.18 dB
Peak	5.18 dB
	28.20 dBm

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.62	13	Pass



Average Power
23.03 dBm
47.94 % at 0dB

10.0 %	2.41 dB
1.0 %	4.04 dB
0.1 %	4.62 dB
0.01 %	4.93 dB
0.001 %	5.05 dB
0.0001 %	5.09 dB
Peak	5.12 dB
	28.15 dBm

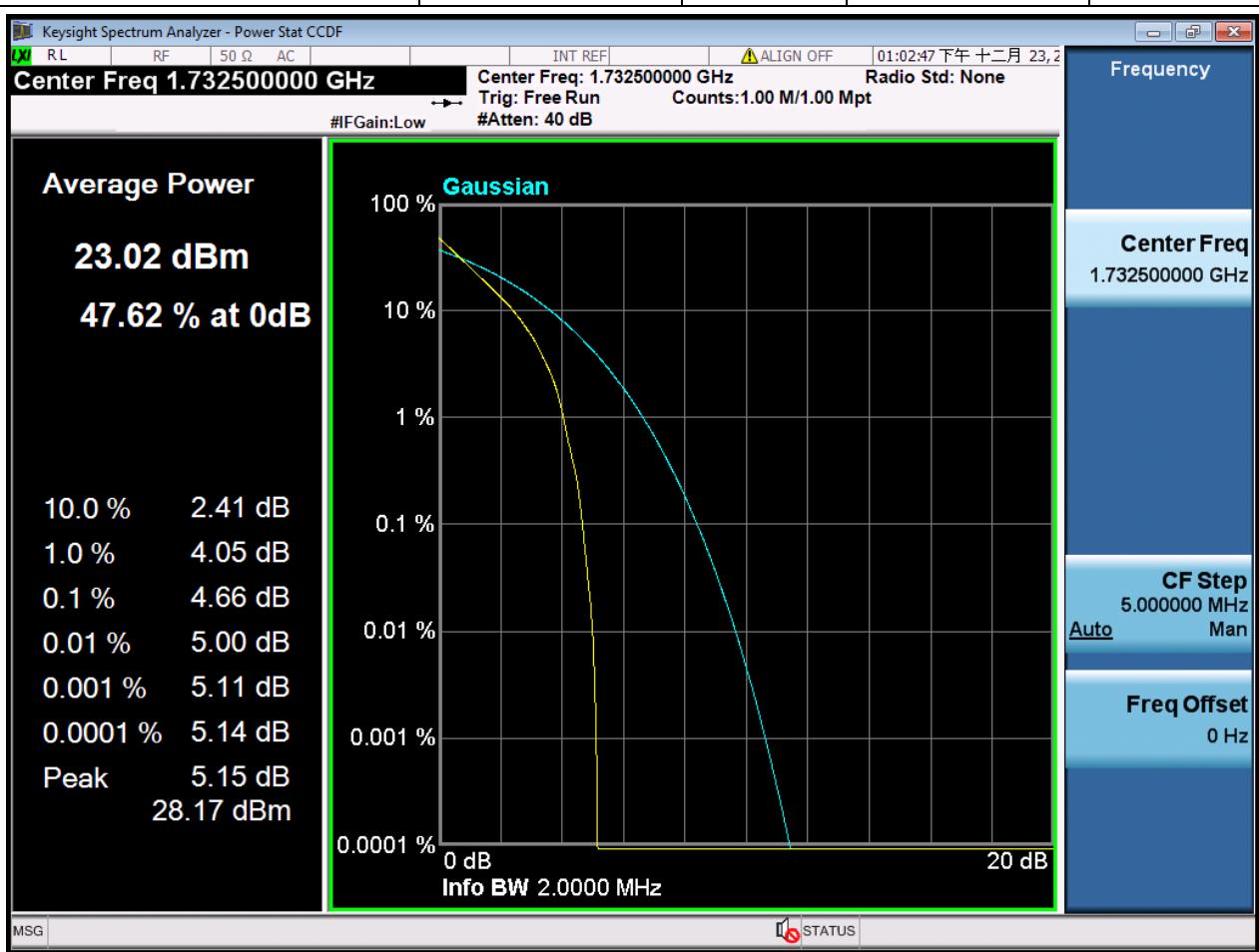
Center Freq
1.732500000 GHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.66	13	Pass



Average Power
23.02 dBm
47.62 % at 0dB

10.0 %	2.41 dB
1.0 %	4.05 dB
0.1 %	4.66 dB
0.01 %	5.00 dB
0.001 %	5.11 dB
0.0001 %	5.14 dB
Peak	5.15 dB
	28.17 dBm

Center Freq
1.732500000 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.38	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:02:52 下午 十二月 23, 2017

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

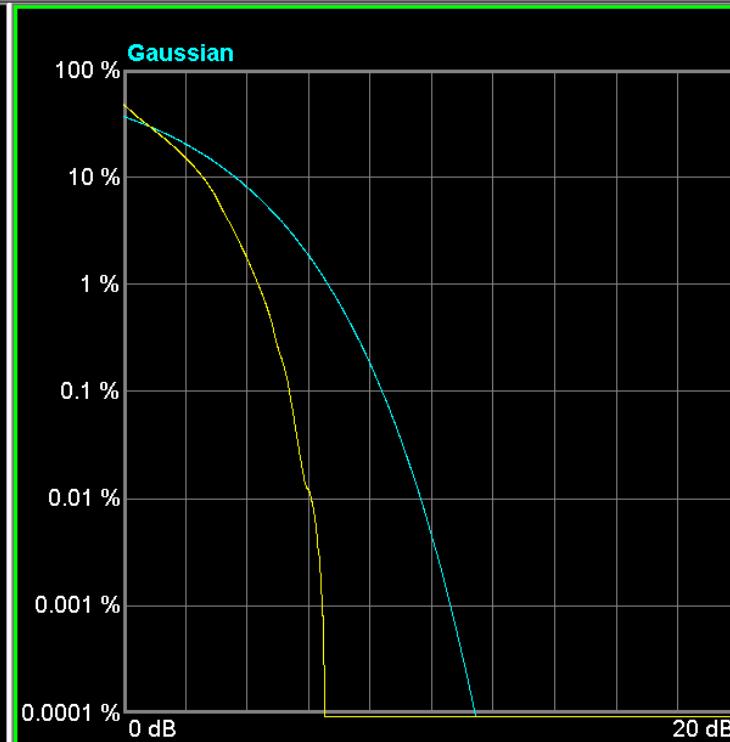
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.02 dBm
47.53 % at 0dB

10.0 % 2.57 dB
1.0 % 4.36 dB
0.1 % 5.38 dB
0.01 % 6.08 dB
0.001 % 6.44 dB
0.0001 % 6.53 dB
Peak 6.53 dB
28.55 dBm

Gaussian



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

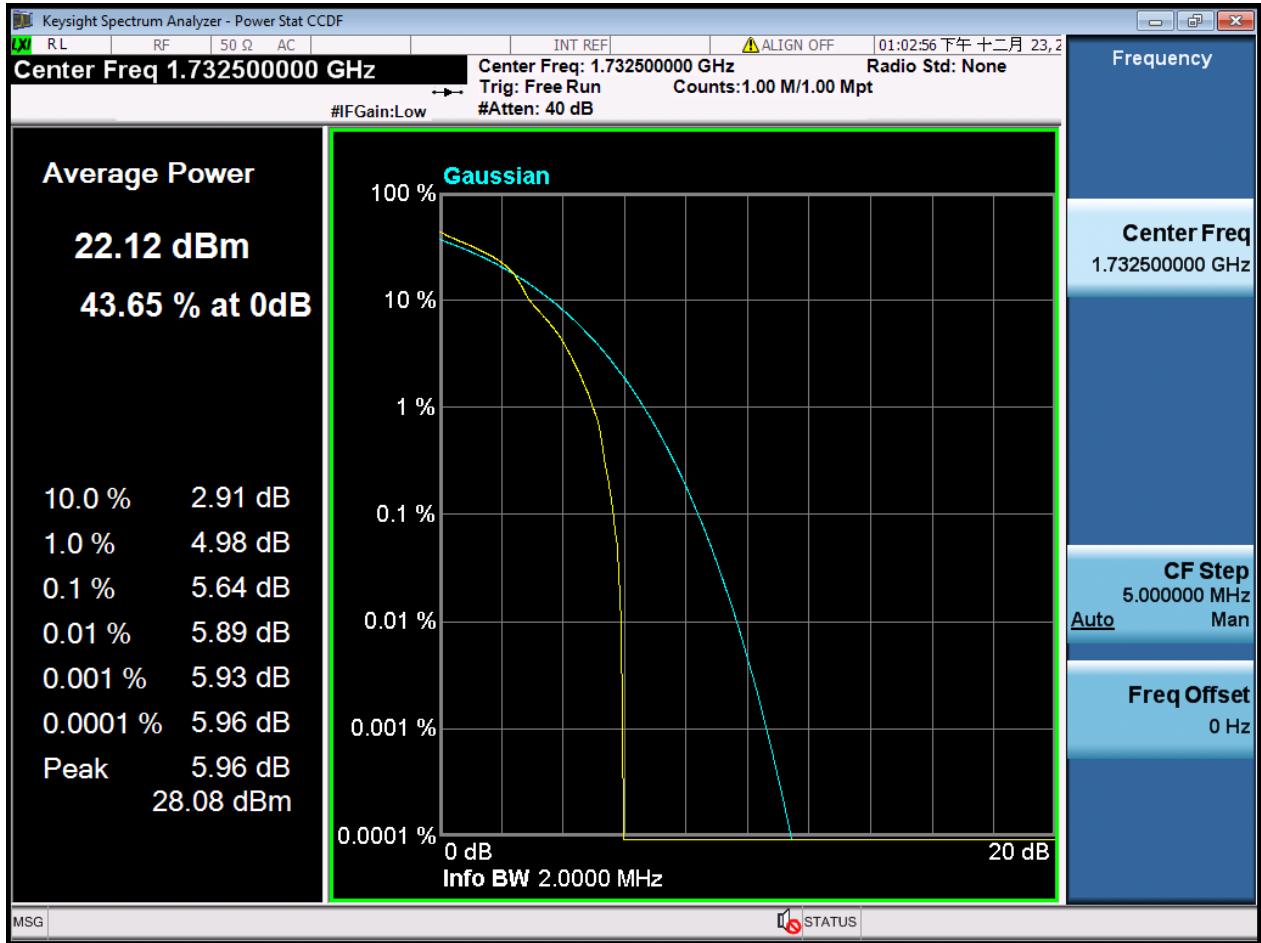
0 dB 20 dB Info BW 2.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.64	13	Pass



Average Power
22.12 dBm
43.65 % at 0dB

10.0 %	2.91 dB
1.0 %	4.98 dB
0.1 %	5.64 dB
0.01 %	5.89 dB
0.001 %	5.93 dB
0.0001 %	5.96 dB
Peak	5.96 dB
	28.08 dBm

Gaussian

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

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

1.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:MID)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:00 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.30 dBm
43.84 % at 0dB

10.0 % 2.90 dB
1.0 % 4.90 dB
0.1 % 5.53 dB
0.01 % 5.75 dB
0.001 % 5.85 dB
0.0001 % 5.88 dB
Peak 5.88 dB
28.18 dBm

Gaussian



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

0 dB 20 dB

Info BW 2.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.62	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:04 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.11 dBm
43.60 % at 0dB

10.0 % 2.91 dB
1.0 % 4.97 dB
0.1 % 5.62 dB
0.01 % 5.86 dB
0.001 % 5.91 dB
0.0001 % 5.92 dB
Peak 5.92 dB
28.03 dBm

Gaussian



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

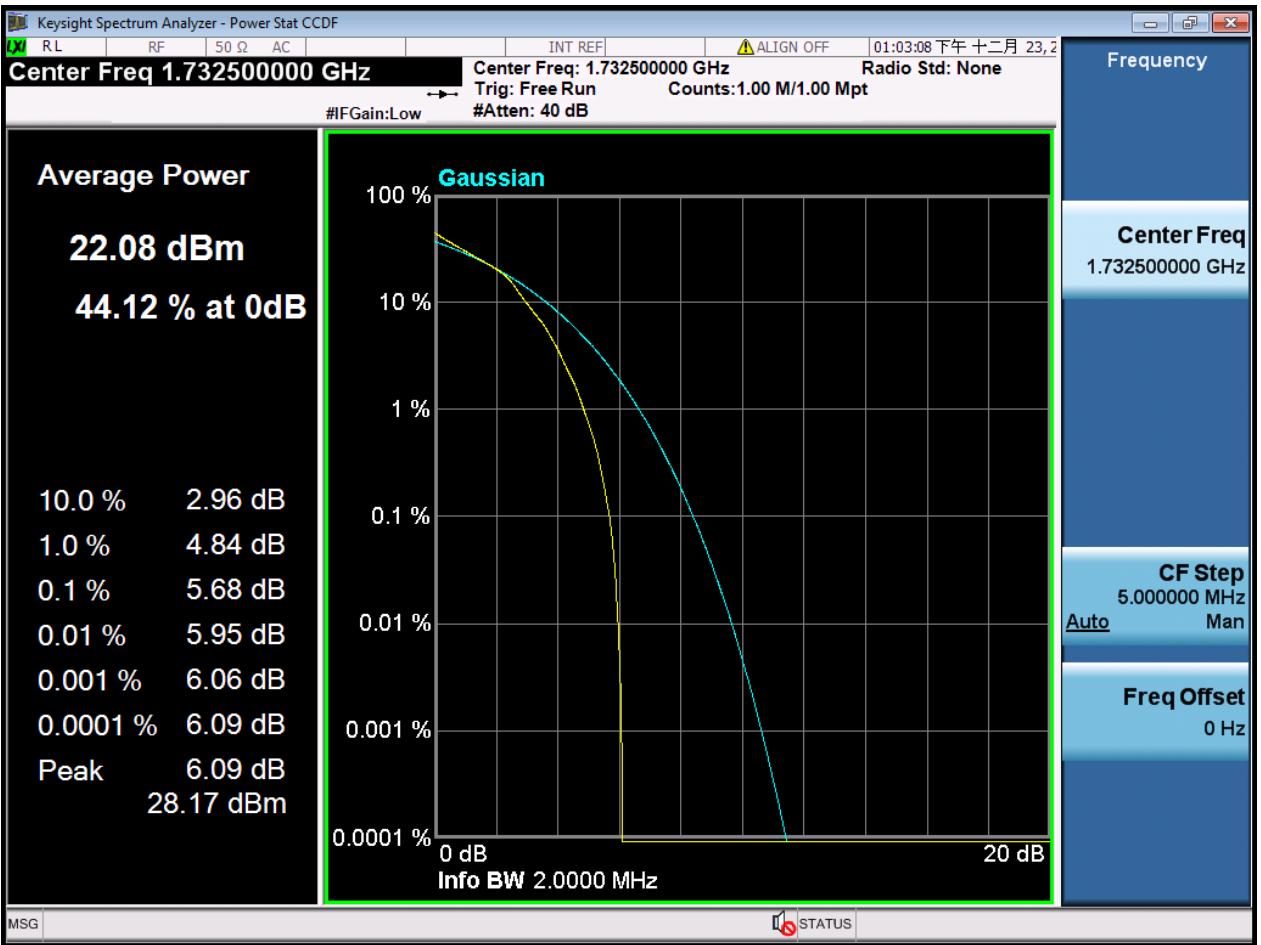
0 dB 20 dB Info BW 2.0000 MHz

Frequency
Center Freq 1.732500000 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:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 3, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.68	13	Pass



Average Power
22.08 dBm
44.12 % at 0dB

10.0 %	2.96 dB
1.0 %	4.84 dB
0.1 %	5.68 dB
0.01 %	5.95 dB
0.001 %	6.06 dB
0.0001 %	6.09 dB
Peak	6.09 dB
	28.17 dBm

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.63	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:12 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.09 dBm
44.34 % at 0dB

10.0 % 2.94 dB
1.0 % 4.83 dB
0.1 % 5.63 dB
0.01 % 5.90 dB
0.001 % 6.00 dB
0.0001 % 6.05 dB
Peak 6.06 dB
28.15 dBm

Gaussian



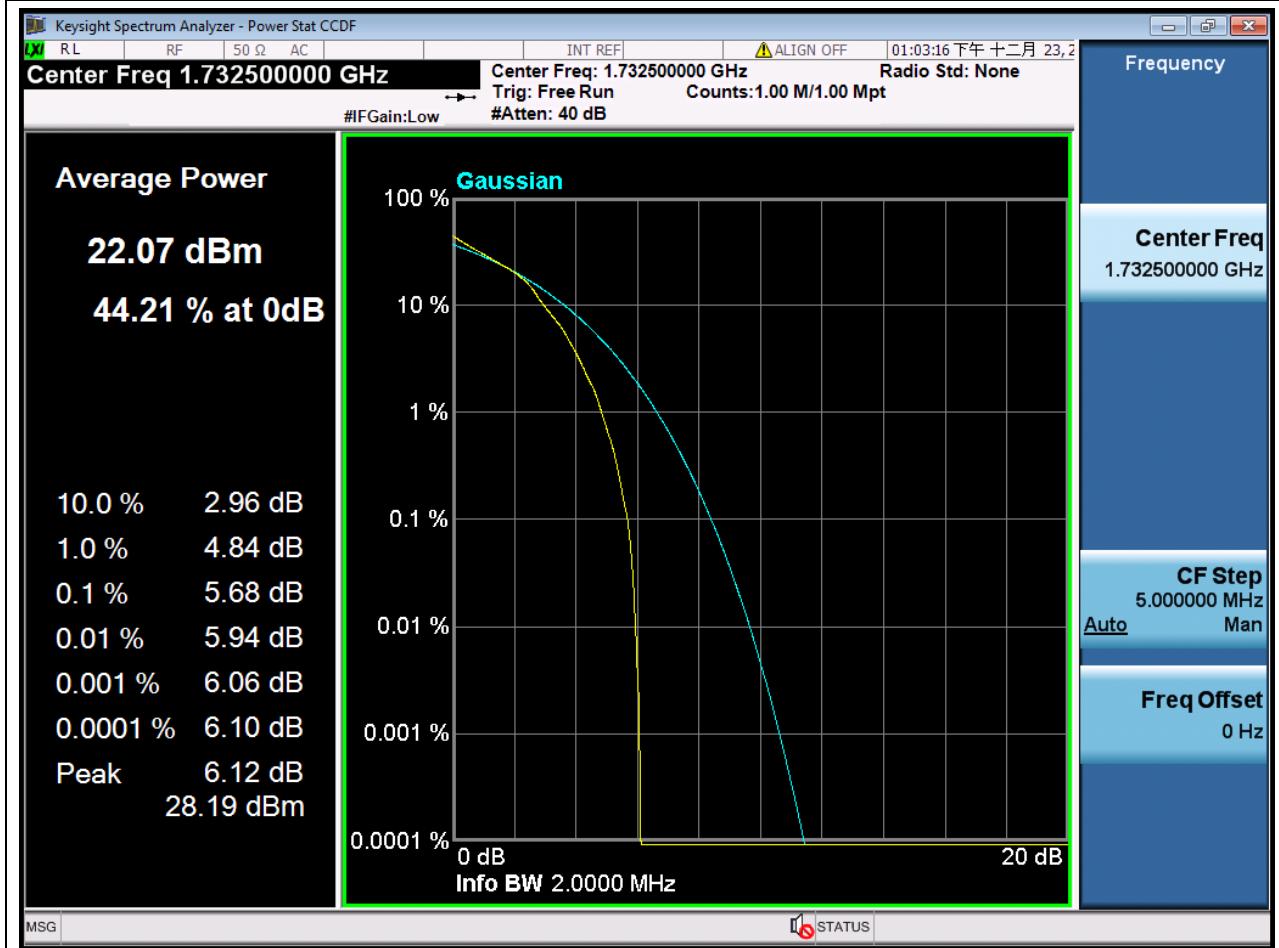
Info BW 2.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.68	13	Pass



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.28	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:20 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.07 dBm
44.39 % at 0dB

10.0 % 3.03 dB
1.0 % 5.07 dB
0.1 % 6.28 dB
0.01 % 6.69 dB
0.001 % 6.94 dB
0.0001 % 7.05 dB
Peak 7.08 dB
28.15 dBm

Gaussian



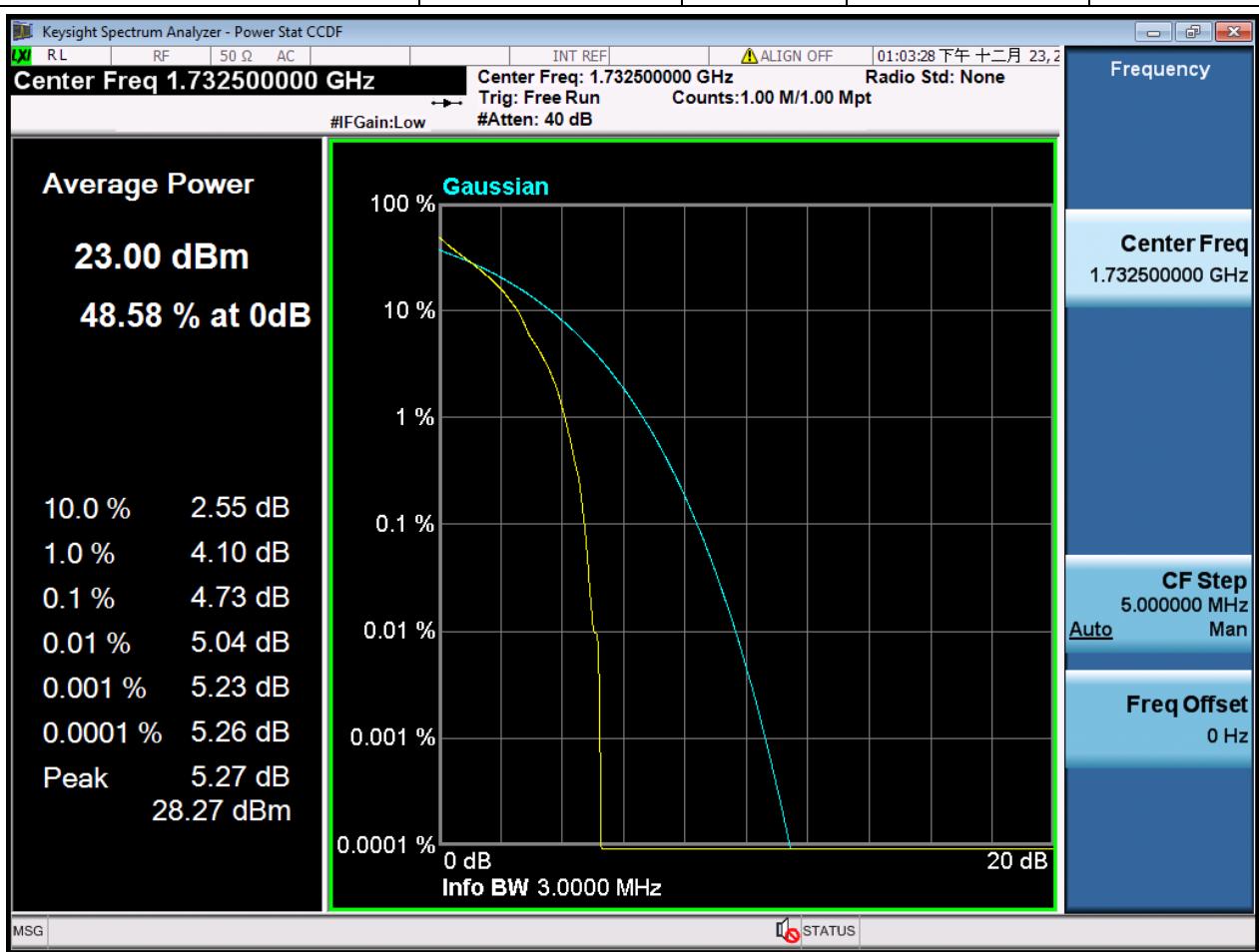
0.0001 % 0 dB 20 dB
Info BW 2.0000 MHz

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

MSG STATUS

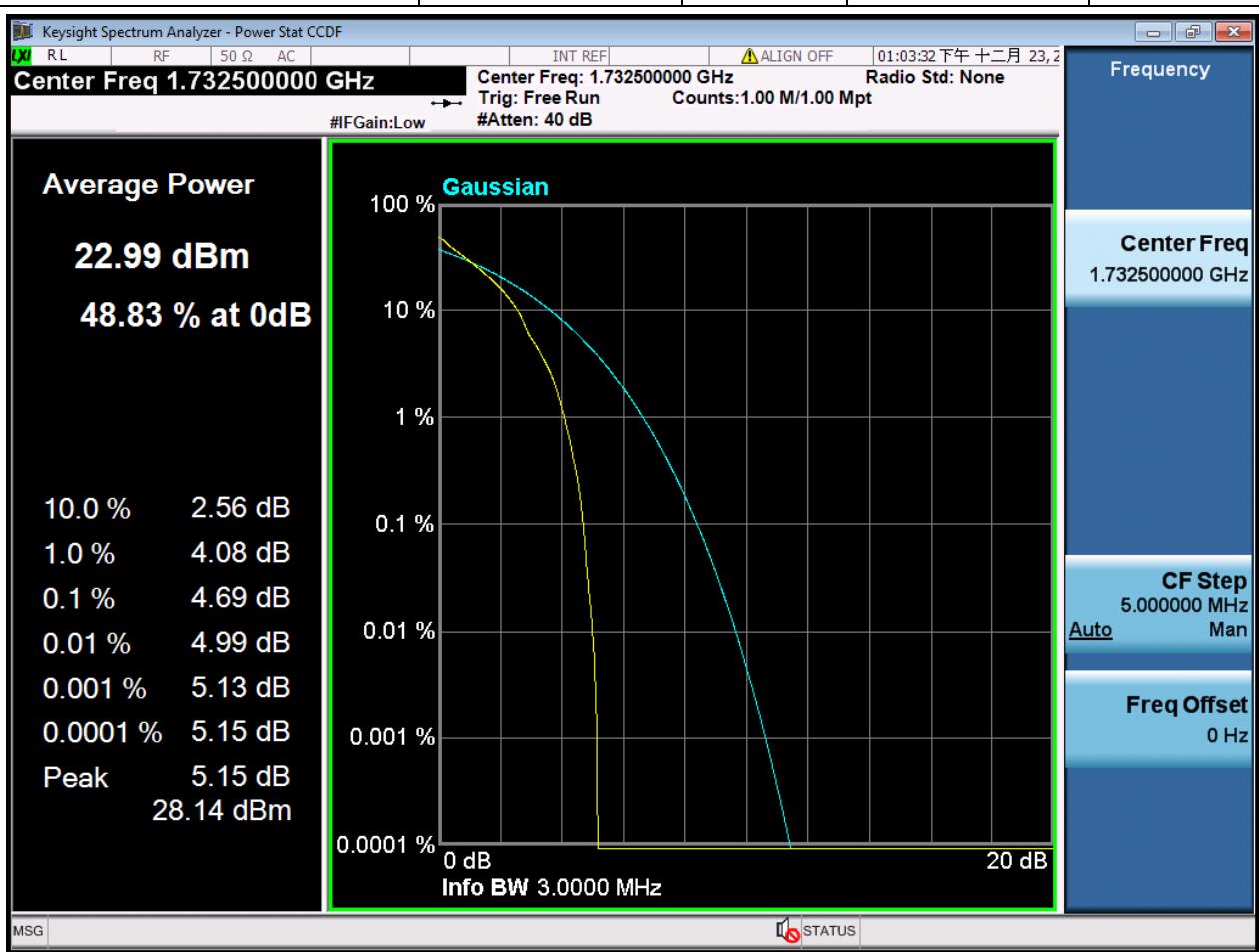
1.15. LTE Peak to Average Ratio(NTNV)(Subtest:15, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



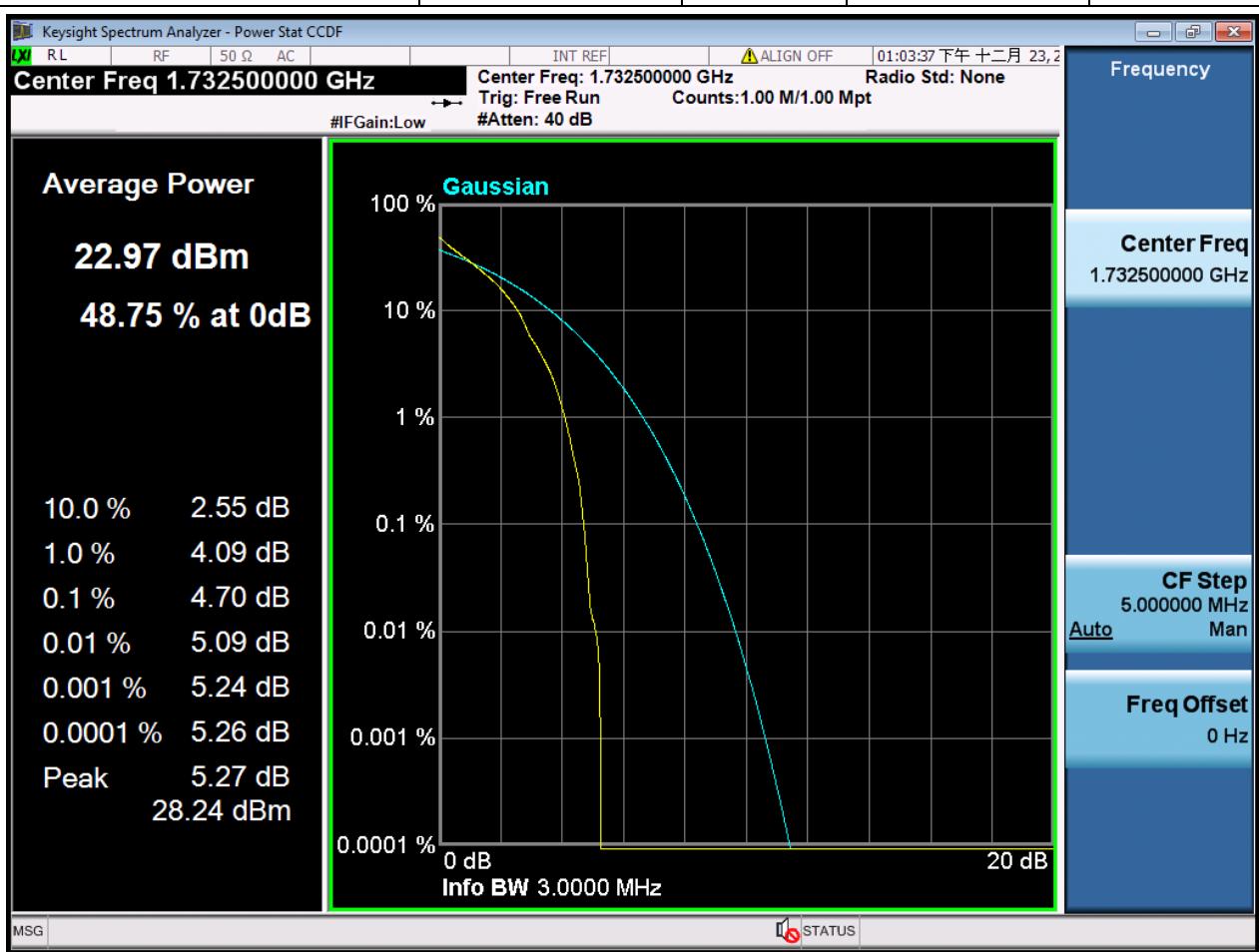
1.16. LTE Peak to Average Ratio(NTNV)(Subtest:16, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.69	13	Pass



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.7	13	Pass



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.37	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:41 下午 十二月 23, 2017

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

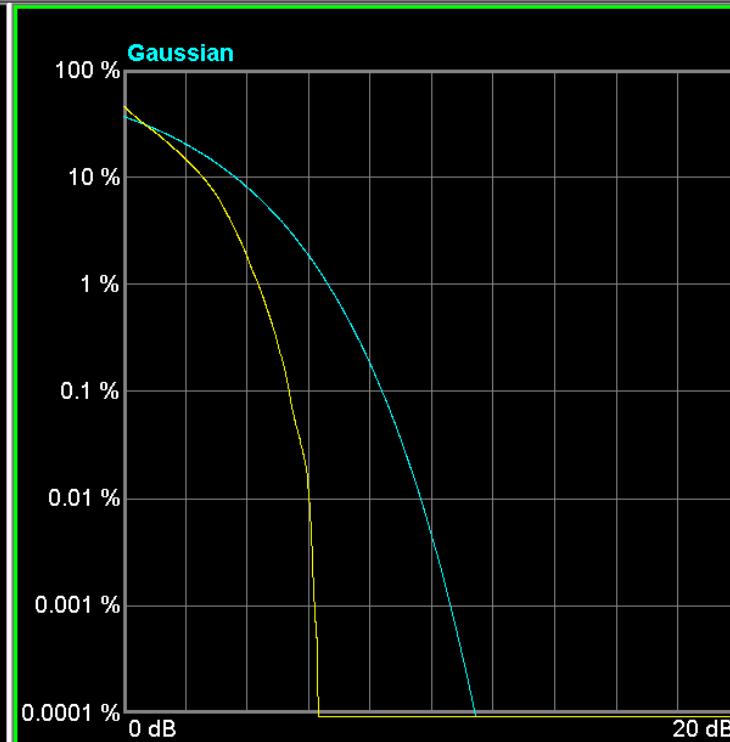
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.05 dBm
46.11 % at 0dB

10.0 % 2.57 dB
1.0 % 4.36 dB
0.1 % 5.37 dB
0.01 % 6.02 dB
0.001 % 6.19 dB
0.0001 % 6.31 dB
Peak 6.33 dB
28.38 dBm

Gaussian



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

0 dB 20 dB

Info BW 3.0000 MHz

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

MSG STATUS

1.19. LTE Peak to Average Ratio(NTNV)(Subtest:19, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.31	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:45 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.09 dBm
46.37 % at 0dB

10.0 % 2.55 dB
1.0 % 4.37 dB
0.1 % 5.31 dB
0.01 % 5.84 dB
0.001 % 6.13 dB
0.0001 % 6.26 dB
Peak 6.28 dB
28.37 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 3.0000 MHz

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

MSG STATUS

1.20. LTE Peak to Average Ratio(NTNV)(Subtest:20, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 8, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.37	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:49 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.03 dBm
46.48 % at 0dB

10.0 % 2.58 dB
1.0 % 4.38 dB
0.1 % 5.37 dB
0.01 % 6.03 dB
0.001 % 6.35 dB
0.0001 % 6.41 dB
Peak 6.41 dB
28.44 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 3.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:53 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.02 dBm
46.61 % at 0dB

10.0 % 2.46 dB
1.0 % 4.37 dB
0.1 % 5.36 dB
0.01 % 6.17 dB
0.001 % 6.84 dB
0.0001 % 7.02 dB
Peak 7.03 dB
29.05 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 3.0000 MHz

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

MSG STATUS

1.22. LTE Peak to Average Ratio(NTNV)(Subtest:22, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.6	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:03:57 下午 十二月 23, 2017

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

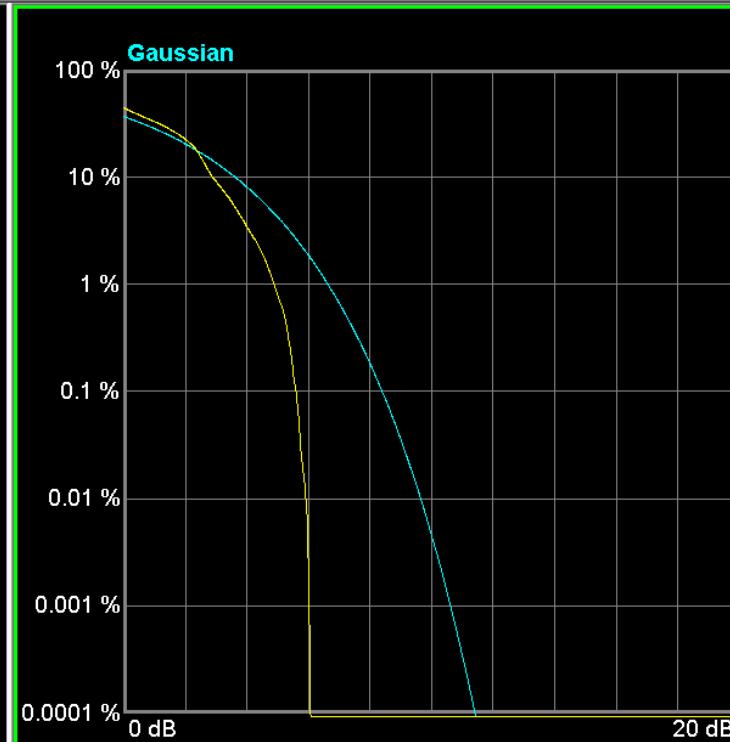
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.25 dBm
44.41 % at 0dB

10.0 % 2.89 dB
1.0 % 4.88 dB
0.1 % 5.60 dB
0.01 % 5.92 dB
0.001 % 6.02 dB
0.0001 % 6.04 dB
Peak 6.06 dB
28.31 dBm

Gaussian



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

0 dB 20 dB

Info BW 3.0000 MHz

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

MSG STATUS

1.23. LTE Peak to Average Ratio(NTNV)(Subtest:23, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:MID)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:01 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.24 dBm
44.56 % at 0dB

10.0 % 2.87 dB
1.0 % 4.86 dB
0.1 % 5.55 dB
0.01 % 5.84 dB
0.001 % 5.90 dB
0.0001 % 5.93 dB
Peak 5.94 dB
28.18 dBm

Gaussian



Info BW 3.0000 MHz

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

MSG STATUS

1.24. LTE Peak to Average Ratio(NTNV)(Subtest:24, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:05 下午 十二月 23, 2017

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

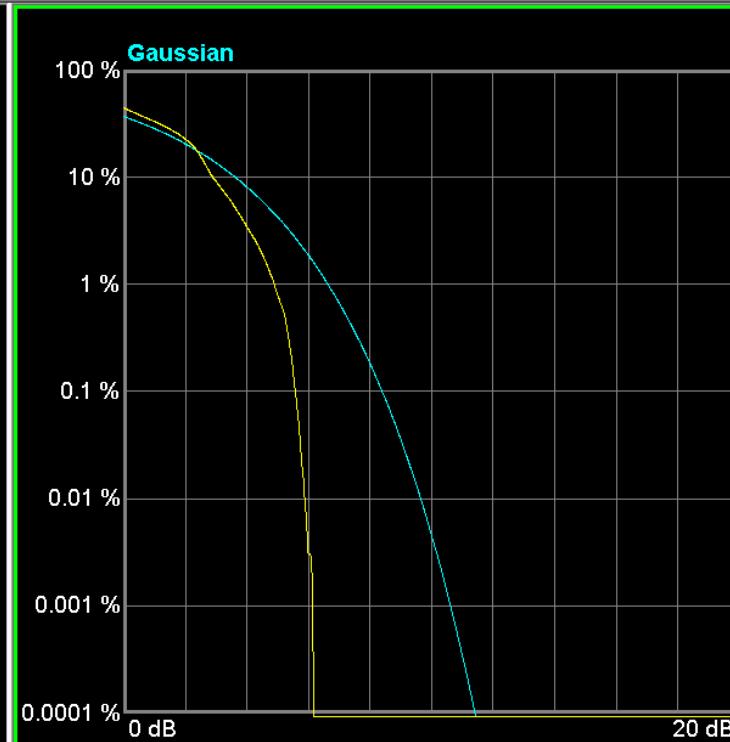
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.22 dBm
44.47 % at 0dB

10.0 % 2.89 dB
1.0 % 4.89 dB
0.1 % 5.58 dB
0.01 % 5.88 dB
0.001 % 6.13 dB
0.0001 % 6.15 dB
Peak 6.15 dB
28.37 dBm

Gaussian



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

0 dB 20 dB

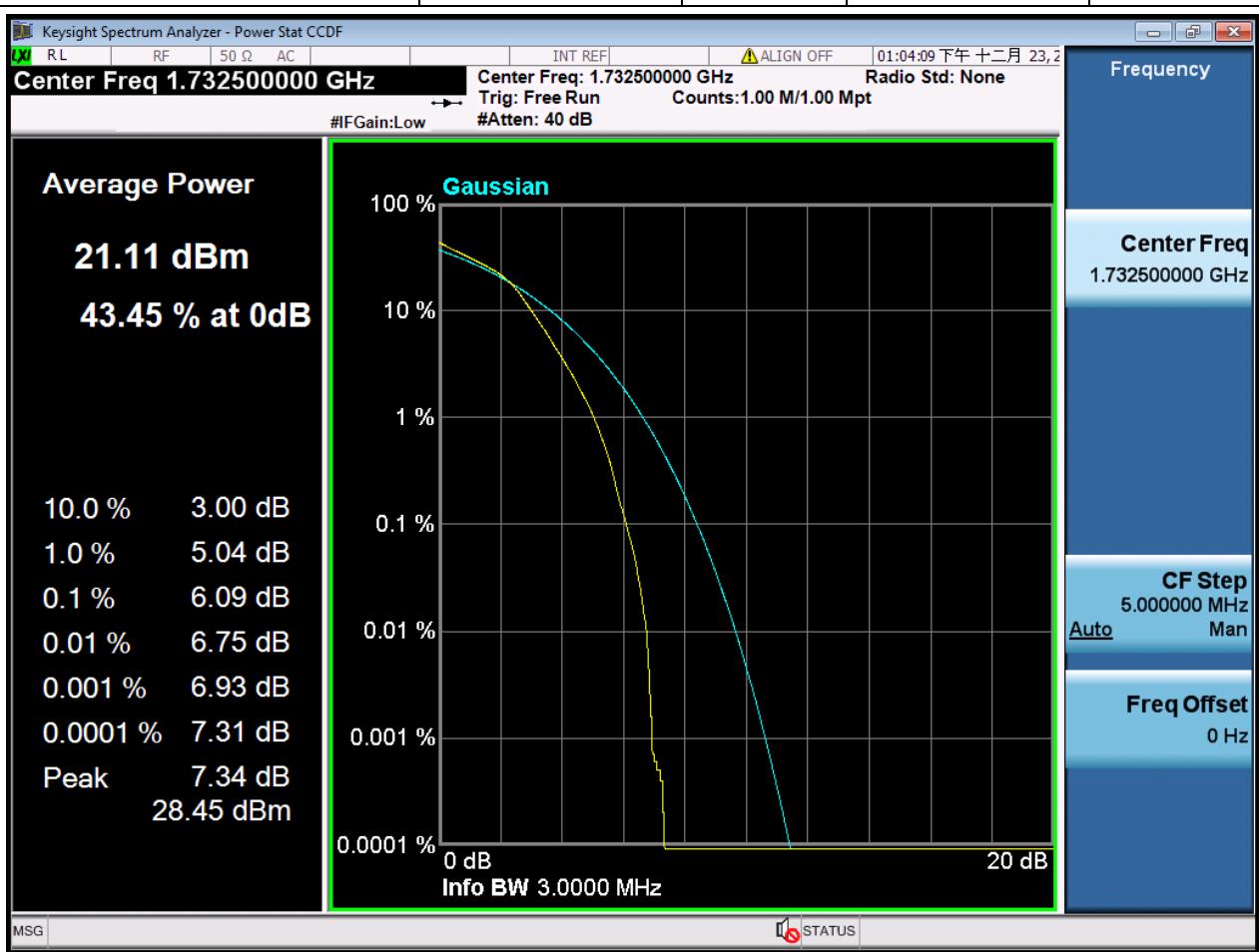
Info BW 3.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.08	13	Pass



Average Power
21.11 dBm
43.45 % at 0dB

10.0 %	3.00 dB
1.0 %	5.04 dB
0.1 %	6.09 dB
0.01 %	6.75 dB
0.001 %	6.93 dB
0.0001 %	7.31 dB
Peak	7.34 dB
	28.45 dBm

Gaussian

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

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

1.26. LTE Peak to Average Ratio(NTNV)(Subtest:26, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 8, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.04	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:13 下午 十二月 23, 2013

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.13 dBm
43.86 % at 0dB

10.0 % 3.01 dB
1.0 % 5.01 dB
0.1 % 6.04 dB
0.01 % 6.70 dB
0.001 % 7.00 dB
0.0001 % 7.12 dB
Peak 7.13 dB
28.26 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 3.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.07	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:17 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.08 dBm
43.45 % at 0dB

10.0 % 3.00 dB
1.0 % 5.02 dB
0.1 % 6.07 dB
0.01 % 6.61 dB
0.001 % 7.32 dB
0.0001 % 7.38 dB
Peak 7.40 dB
28.48 dBm

Gaussian

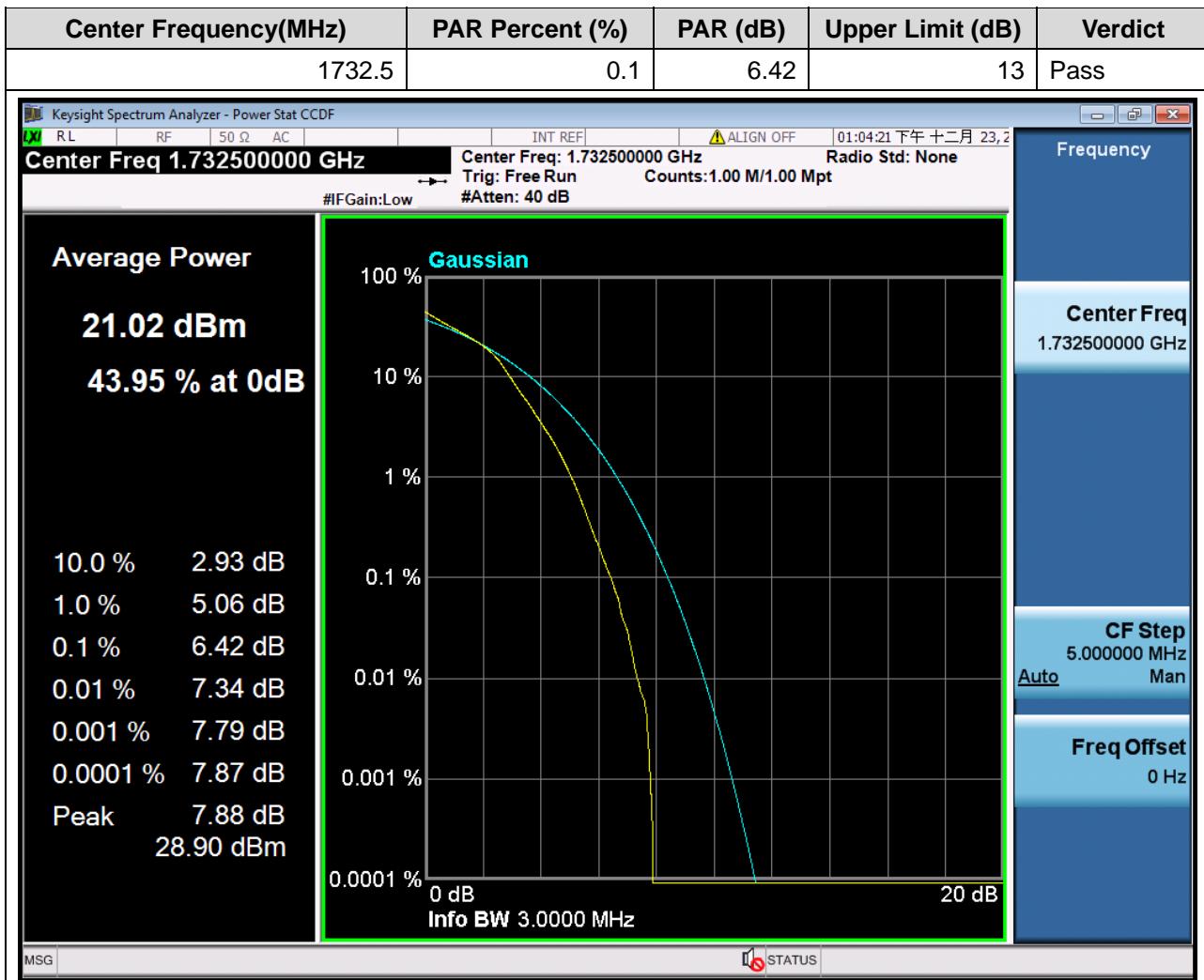


0.0001 % 0 dB 20 dB
Info BW 3.0000 MHz

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

MSG STATUS

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



1.29. LTE Peak to Average Ratio(NTNV)(Subtest:29, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.83	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:29 下午 十二月 23, 2017

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

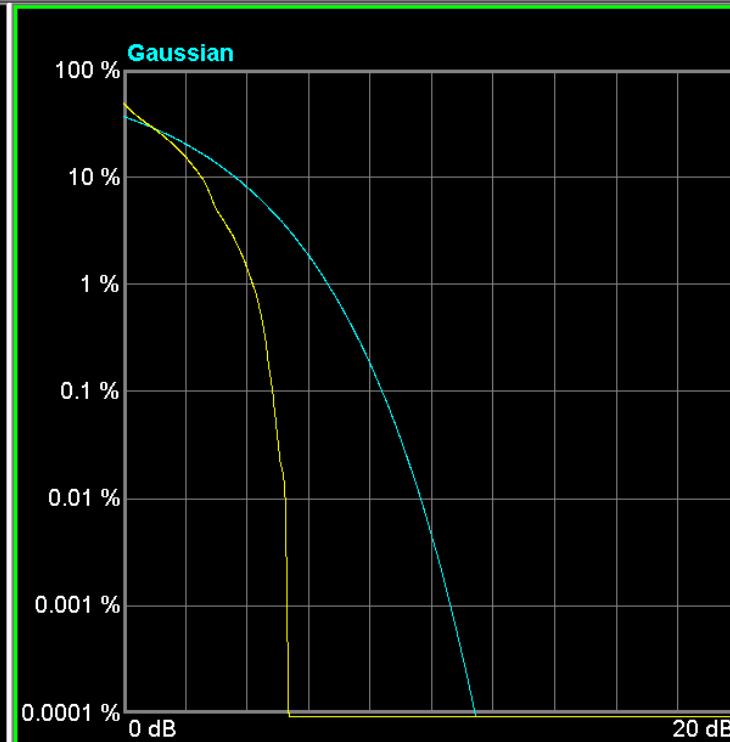
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.89 dBm
48.76 % at 0dB

10.0 % 2.52 dB
1.0 % 4.19 dB
0.1 % 4.83 dB
0.01 % 5.24 dB
0.001 % 5.31 dB
0.0001 % 5.35 dB
Peak 5.36 dB
28.25 dBm

Gaussian



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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.63	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:33 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.99 dBm
49.04 % at 0dB

10.0 % 2.50 dB
1.0 % 4.08 dB
0.1 % 4.63 dB
0.01 % 4.95 dB
0.001 % 5.10 dB
0.0001 % 5.13 dB
Peak 5.13 dB
28.12 dBm

Gaussian



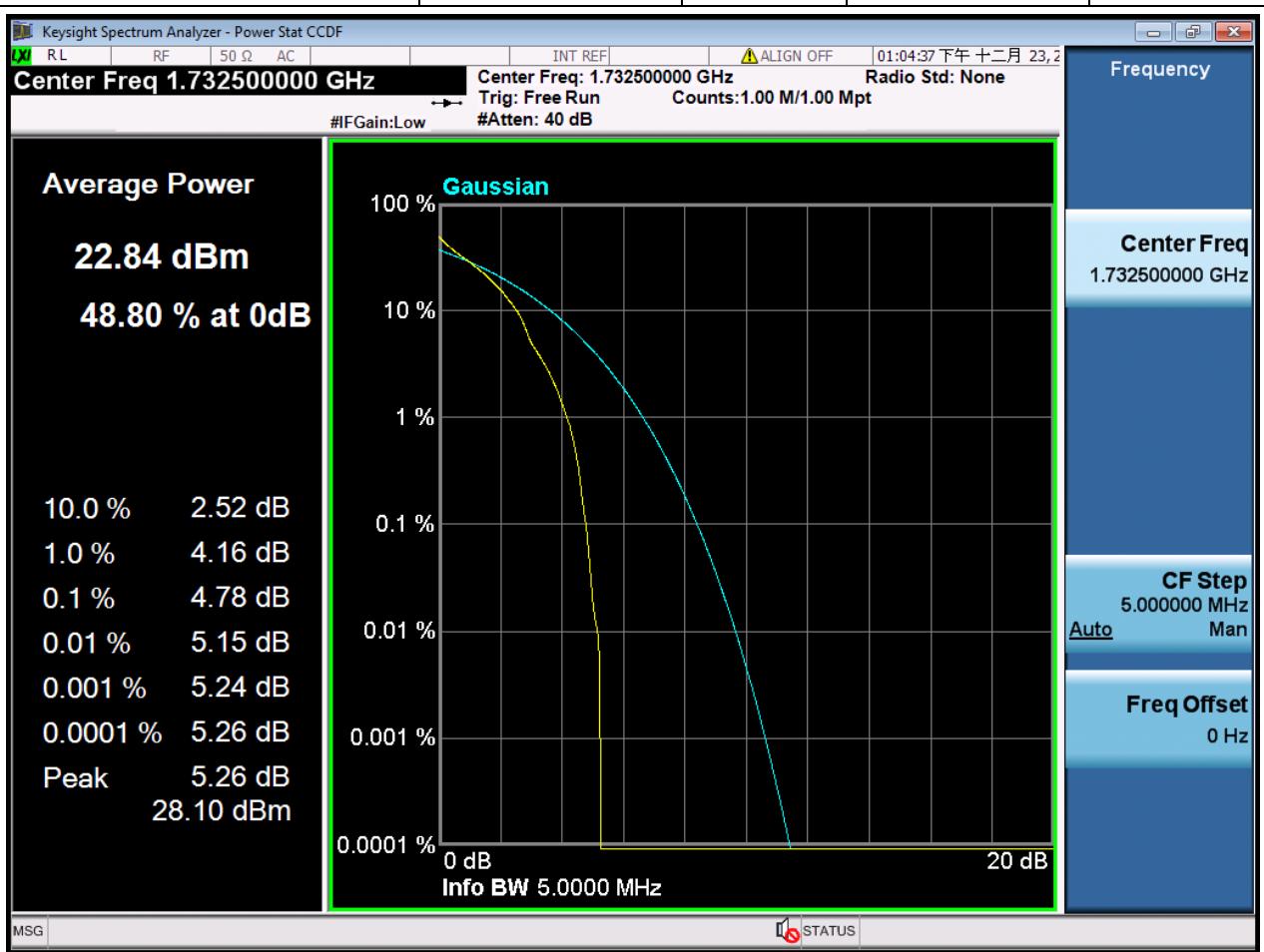
Info BW 5.0000 MHz

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

MSG STATUS

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

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



1.32. LTE Peak to Average Ratio(NTNV)(Subtest:32, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:LOW)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:41 下午 十二月 23, 2017

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

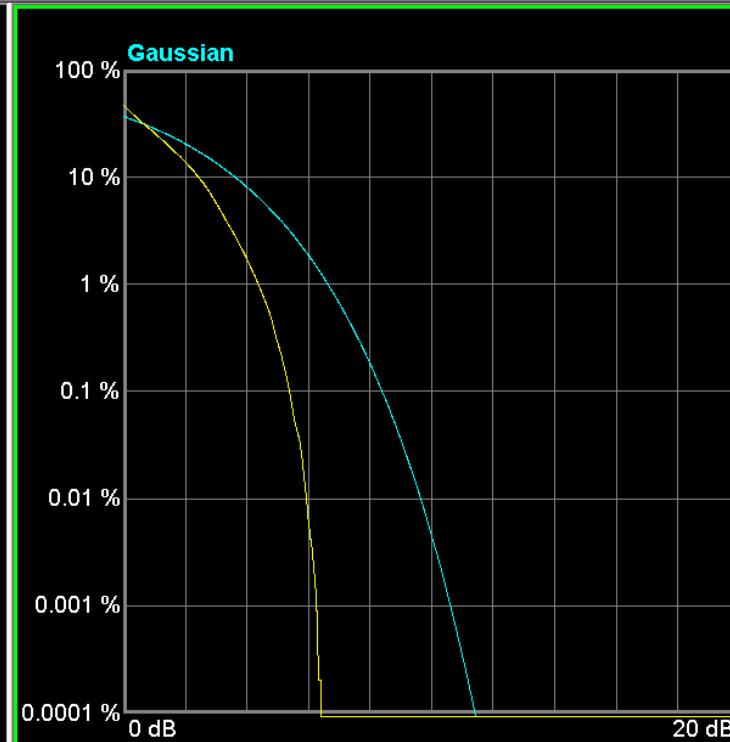
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.99 dBm
46.74 % at 0dB

10.0 % 2.43 dB
1.0 % 4.37 dB
0.1 % 5.39 dB
0.01 % 5.93 dB
0.001 % 6.26 dB
0.0001 % 6.41 dB
Peak 6.41 dB
28.40 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 1.732500000 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:20175, Bandwidth:5, Modulation:QPSK, RB Number: 12, RB Position:MID)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:45 下午 十二月 23, 2017

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

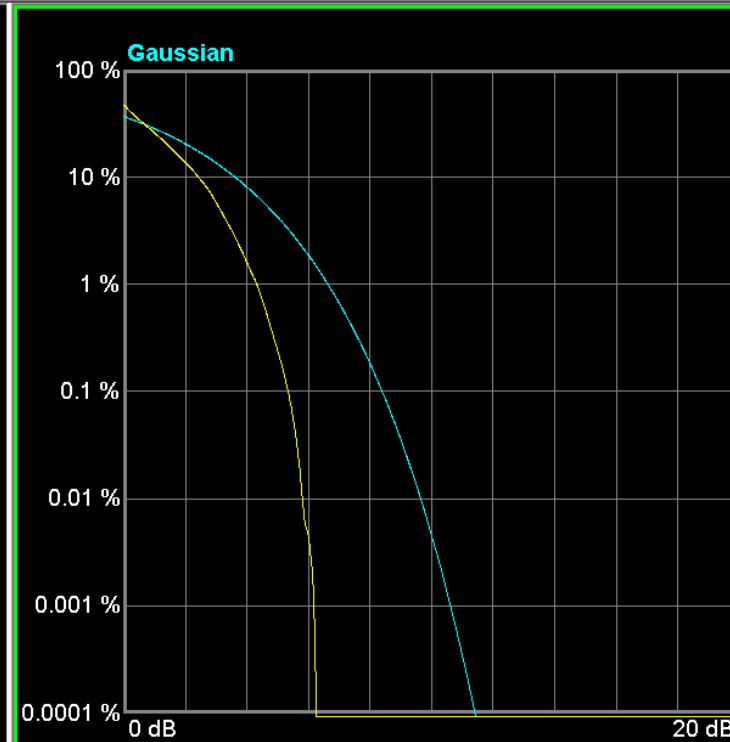
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.06 dBm
47.12 % at 0dB

10.0 % 2.43 dB
1.0 % 4.32 dB
0.1 % 5.33 dB
0.01 % 5.81 dB
0.001 % 6.16 dB
0.0001 % 6.24 dB
Peak 6.24 dB
28.30 dBm

Gaussian



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

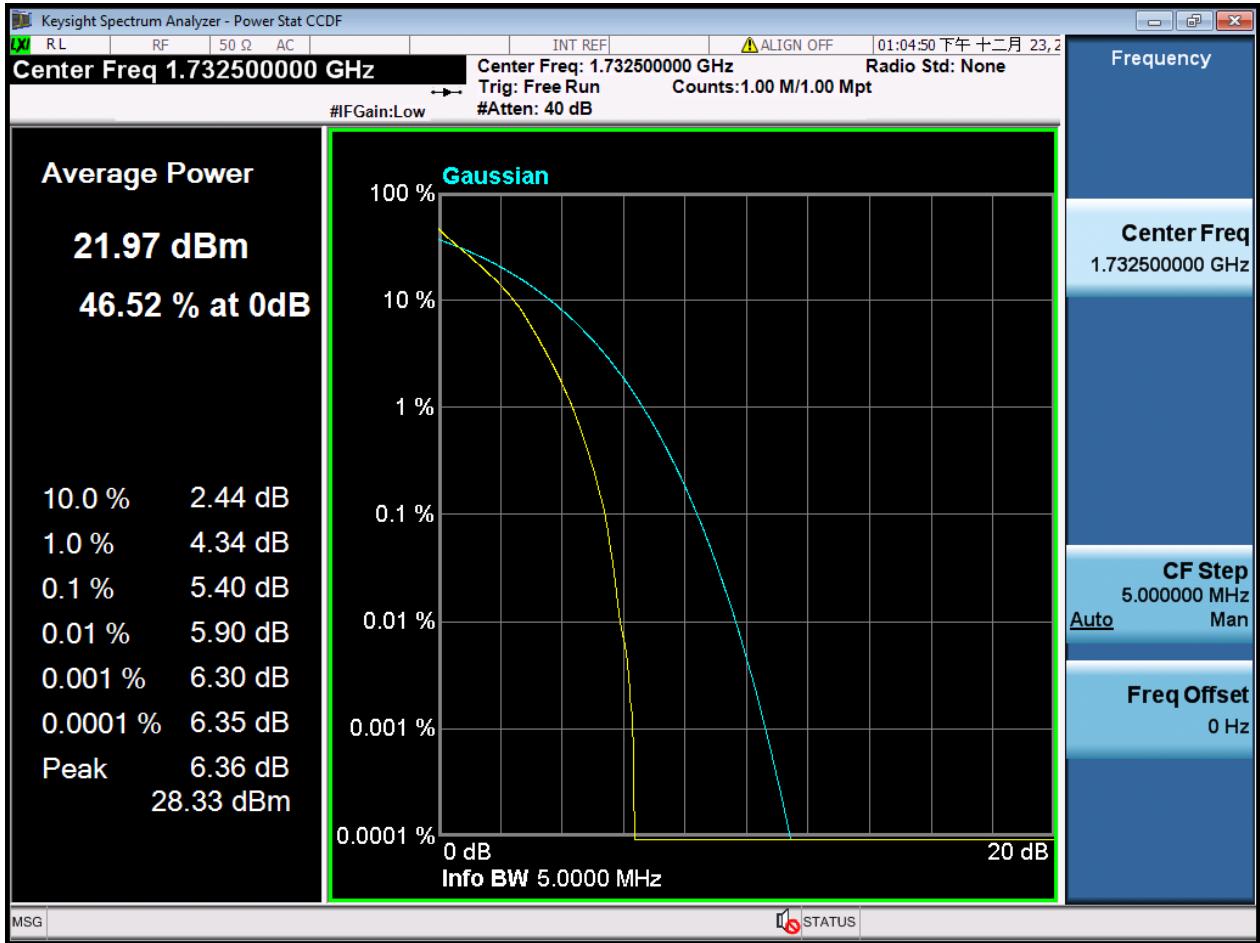
0 dB 20 dB Info BW 5.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.4	13	Pass



Average Power
21.97 dBm
46.52 % at 0dB

10.0 %	2.44 dB
1.0 %	4.34 dB
0.1 %	5.40 dB
0.01 %	5.90 dB
0.001 %	6.30 dB
0.0001 %	6.35 dB
Peak	6.36 dB
	28.33 dBm

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

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

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:54 下午 十二月 23, 2017

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

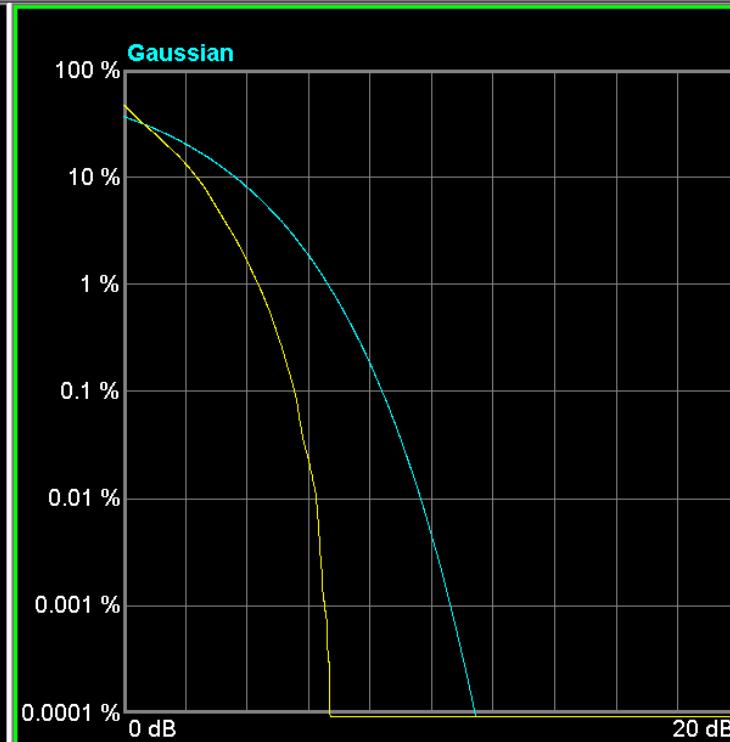
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.00 dBm
47.02 % at 0dB

10.0 % 2.37 dB
1.0 % 4.36 dB
0.1 % 5.55 dB
0.01 % 6.25 dB
0.001 % 6.53 dB
0.0001 % 6.68 dB
Peak 6.71 dB
28.71 dBm

Gaussian



0 dB 20 dB Info BW 5.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.73	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:04:58 下午 十二月 23, 2017

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

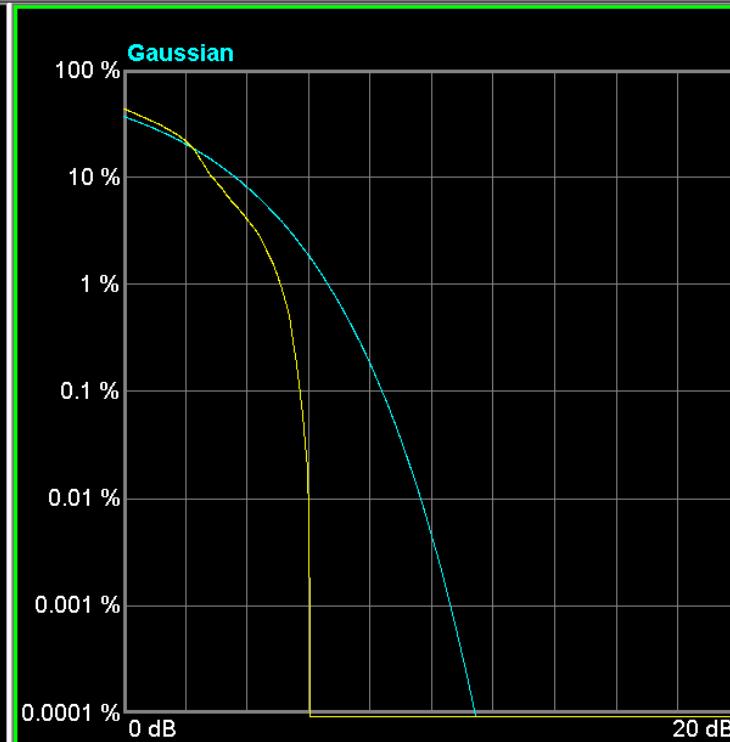
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.19 dBm
43.63 % at 0dB

10.0 % 2.86 dB
1.0 % 5.09 dB
0.1 % 5.73 dB
0.01 % 5.99 dB
0.001 % 6.03 dB
0.0001 % 6.05 dB
Peak 6.05 dB
28.24 dBm

Gaussian



Info BW 5.0000 MHz

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

MSG STATUS

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:02 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.28 dBm
44.04 % at 0dB

10.0 % 2.86 dB
1.0 % 4.95 dB
0.1 % 5.52 dB
0.01 % 5.77 dB
0.001 % 5.86 dB
0.0001 % 5.88 dB
Peak 5.90 dB
28.18 dBm

Gaussian



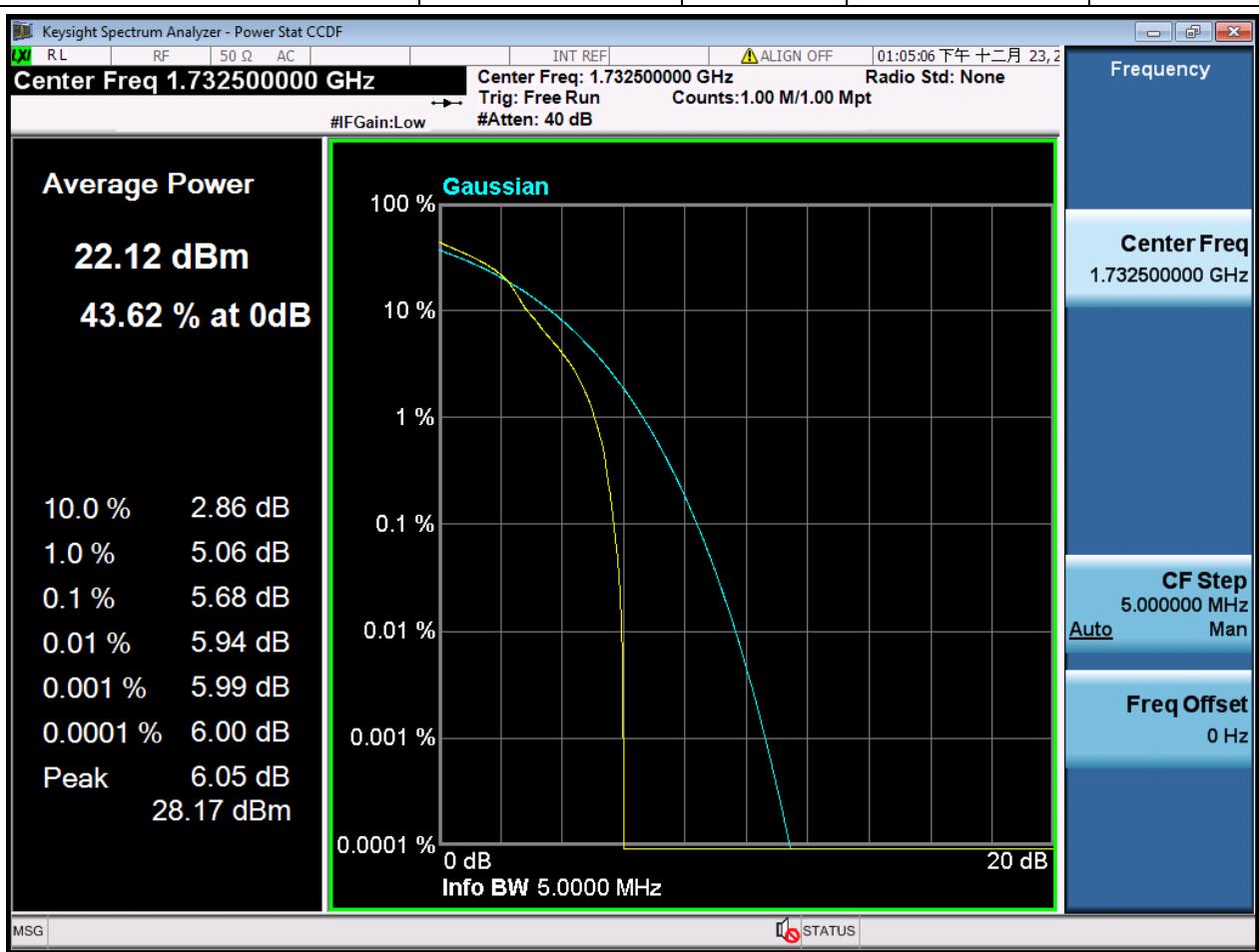
CF Step 5.000000 MHz Man
Auto

Freq Offset 0 Hz

MSG STATUS

1.38. LTE Peak to Average Ratio(NTNV)(Subtest:38, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.68	13	Pass



Average Power
22.12 dBm
43.62 % at 0dB

10.0 %	2.86 dB
1.0 %	5.06 dB
0.1 %	5.68 dB
0.01 %	5.94 dB
0.001 %	5.99 dB
0.0001 %	6.00 dB
Peak	6.05 dB
	28.17 dBm

Center Freq 1.732500000 GHz
Trig: Free Run Counts:1.00 M/1.00 Mpt
#IFGain:Low #Atten: 40 dB

Gaussian

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

0 dB 20 dB

Info BW 5.0000 MHz

Frequency

Center Freq 1.732500000 GHz

CF Step 5.000000 MHz Man

Freq Offset 0 Hz

MSG STATUS

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:10 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.05 dBm
43.88 % at 0dB

10.0 % 2.91 dB
1.0 % 5.03 dB
0.1 % 6.25 dB
0.01 % 6.87 dB
0.001 % 7.12 dB
0.0001 % 7.23 dB
Peak 7.23 dB
28.28 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.18	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:14 下午 十二月 23, 2014

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.11 dBm
43.91 % at 0dB

10.0 % 2.91 dB
1.0 % 5.04 dB
0.1 % 6.18 dB
0.01 % 6.66 dB
0.001 % 7.03 dB
0.0001 % 7.18 dB
Peak 7.21 dB
28.32 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

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

MSG STATUS

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:18 下午 十二月 23, 2018

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.03 dBm
43.98 % at 0dB

10.0 % 2.91 dB
1.0 % 5.03 dB
0.1 % 6.25 dB
0.01 % 6.86 dB
0.001 % 7.34 dB
0.0001 % 7.40 dB
Peak 7.45 dB
28.48 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

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

MSG STATUS

1.42. LTE Peak to Average Ratio(NTNV)(Subtest:42, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.2	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:22 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.04 dBm
44.69 % at 0dB

10.0 % 2.85 dB
1.0 % 4.97 dB
0.1 % 6.20 dB
0.01 % 6.97 dB
0.001 % 7.47 dB
0.0001 % 7.64 dB
Peak 7.66 dB
28.70 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 5.0000 MHz

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

MSG STATUS

1.43. LTE Peak to Average Ratio(NTNV)(Subtest:43, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.83	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:30 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.97 dBm
47.80 % at 0dB

10.0 % 2.56 dB
1.0 % 4.17 dB
0.1 % 4.83 dB
0.01 % 5.15 dB
0.001 % 5.27 dB
0.0001 % 5.30 dB
Peak 5.32 dB
28.29 dBm

Gaussian



Info BW 10.000 MHz

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

MSG STATUS

1.44. LTE Peak to Average Ratio(NTNV)(Subtest:44, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.65	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:34 下午 十二月 23, 2017

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

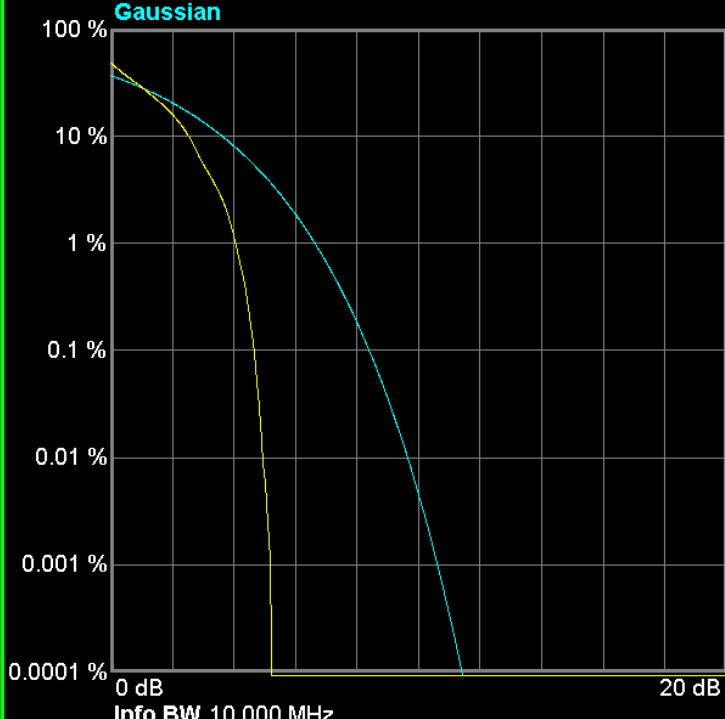
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
23.08 dBm
48.00 % at 0dB

10.0 % 2.53 dB
1.0 % 4.05 dB
0.1 % 4.65 dB
0.01 % 4.94 dB
0.001 % 5.17 dB
0.0001 % 5.22 dB
Peak 5.24 dB
28.32 dBm

Gaussian



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

MSG STATUS

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:38 下午 十二月 23, 2017

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

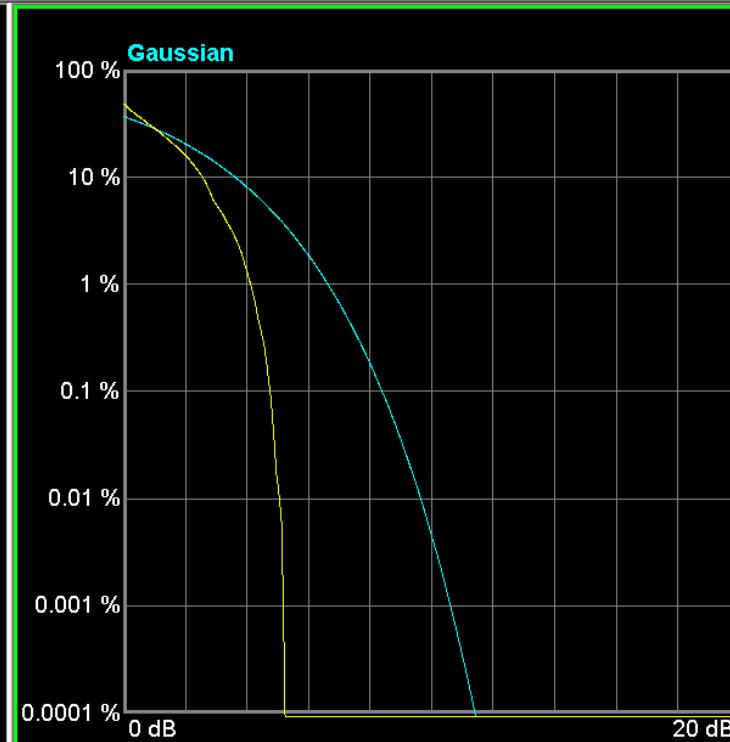
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.88 dBm
48.23 % at 0dB

10.0 % 2.56 dB
1.0 % 4.12 dB
0.1 % 4.75 dB
0.01 % 5.06 dB
0.001 % 5.18 dB
0.0001 % 5.22 dB
Peak 5.23 dB
28.11 dBm

Gaussian



Info BW 10.000 MHz

Frequency Center Freq 1.732500000 GHz

CF Step 5.000000 MHz Man

Auto

Freq Offset 0 Hz

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:43 下午 十二月 23, 2017

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

Average Power 22.00 dBm
46.92 % at 0dB

10.0 % 2.39 dB
1.0 % 4.35 dB
0.1 % 5.36 dB
0.01 % 5.90 dB
0.001 % 6.13 dB
0.0001 % 6.41 dB
Peak 6.41 dB
28.41 dBm

Gaussian



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

0 dB 20 dB Info BW 10.000 MHz

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

MSG STATUS

1.47. LTE Peak to Average Ratio(NTNV)(Subtest:47, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 25, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.29	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:47 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.02 dBm
47.12 % at 0dB

10.0 % 2.40 dB
1.0 % 4.34 dB
0.1 % 5.29 dB
0.01 % 5.79 dB
0.001 % 6.04 dB
0.0001 % 6.20 dB
Peak 6.21 dB
28.23 dBm

Gaussian



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

0 dB 20 dB

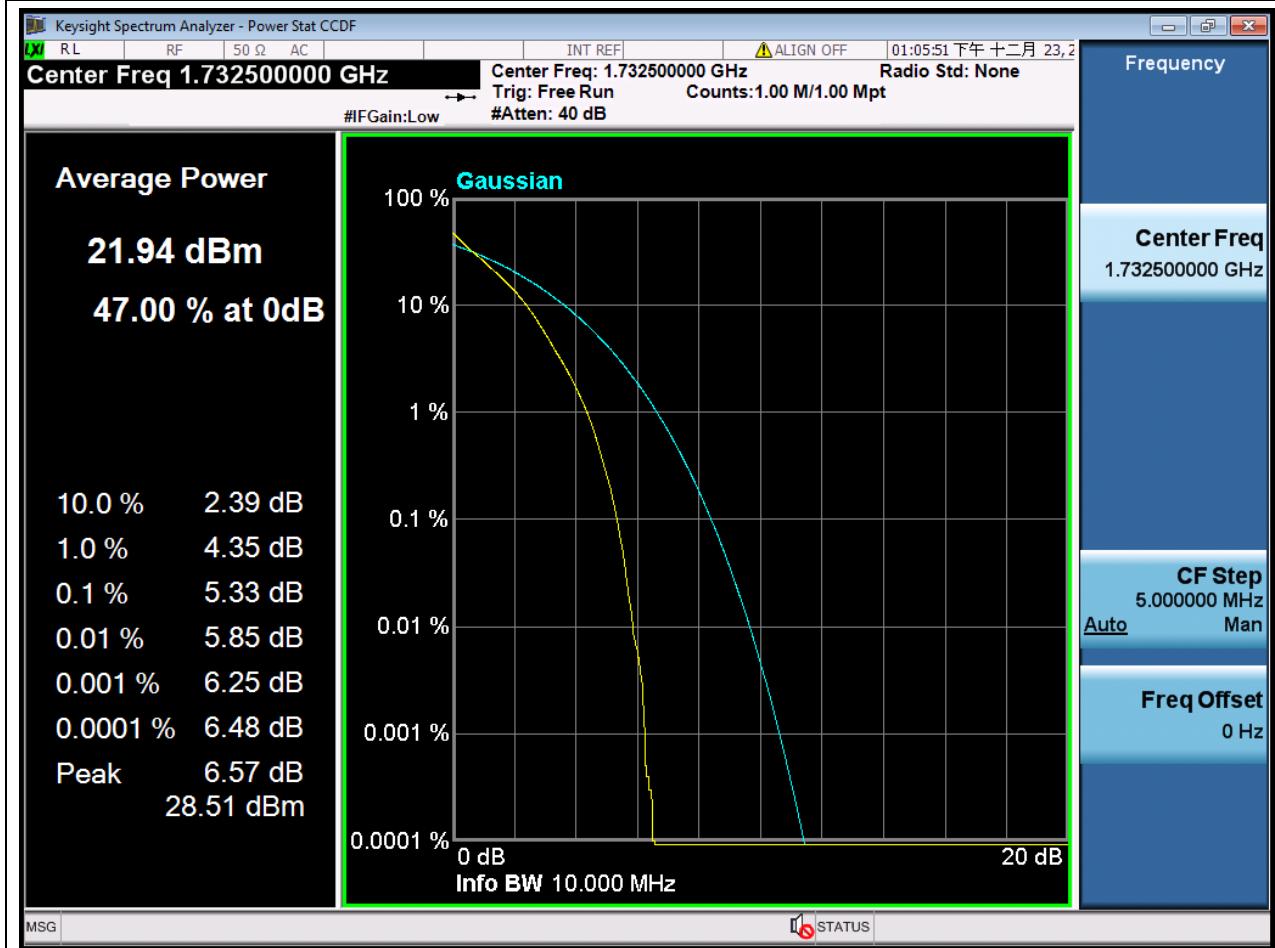
Info BW 10.000 MHz

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

MSG STATUS

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

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



1.49. LTE Peak to Average Ratio(NTNV)(Subtest:49, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:55 下午 十二月 23, 2017

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

Average Power
21.96 dBm
46.73 % at 0dB

10.0 % 2.32 dB
1.0 % 4.37 dB
0.1 % 5.52 dB
0.01 % 6.25 dB
0.001 % 6.69 dB
0.0001 % 6.88 dB
Peak 6.90 dB
28.86 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.74	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:05:59 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.25 dBm
43.96 % at 0dB

10.0 % 2.87 dB
1.0 % 5.00 dB
0.1 % 5.74 dB
0.01 % 5.98 dB
0.001 % 6.06 dB
0.0001 % 6.09 dB
Peak 6.09 dB
28.34 dBm

Gaussian



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

0 dB 20 dB Info BW 10.000 MHz

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

MSG STATUS

1.51. LTE Peak to Average Ratio(NTNV)(Subtest:51, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:MID)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:04 下午 十二月 23, 2017

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

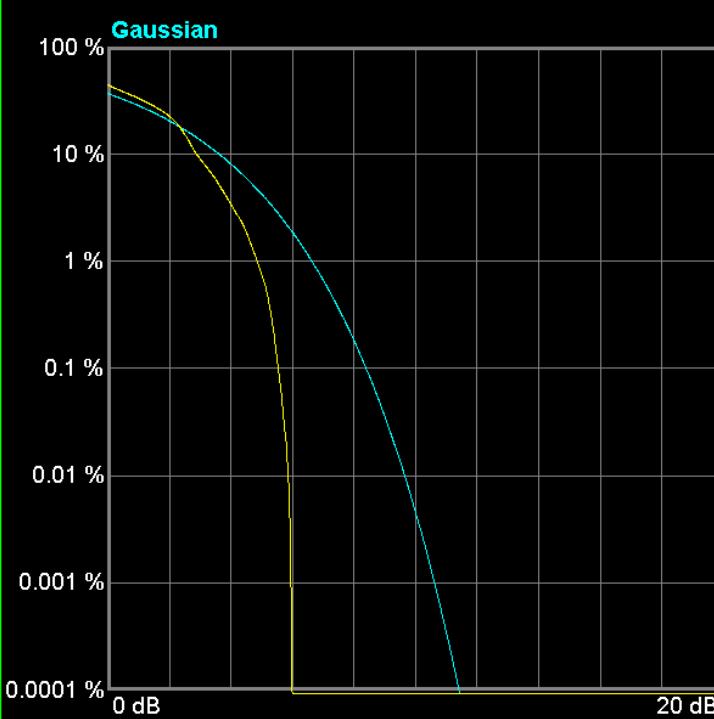
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.33 dBm
44.50 % at 0dB

10.0 % 2.89 dB
1.0 % 4.85 dB
0.1 % 5.53 dB
0.01 % 5.86 dB
0.001 % 5.94 dB
0.0001 % 5.97 dB
Peak 6.00 dB
28.33 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 10.000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.67	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:08 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.12 dBm
44.16 % at 0dB

10.0 % 2.87 dB
1.0 % 4.94 dB
0.1 % 5.67 dB
0.01 % 5.91 dB
0.001 % 6.01 dB
0.0001 % 6.03 dB
Peak 6.04 dB
28.16 dBm

Gaussian



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

0 dB 20 dB

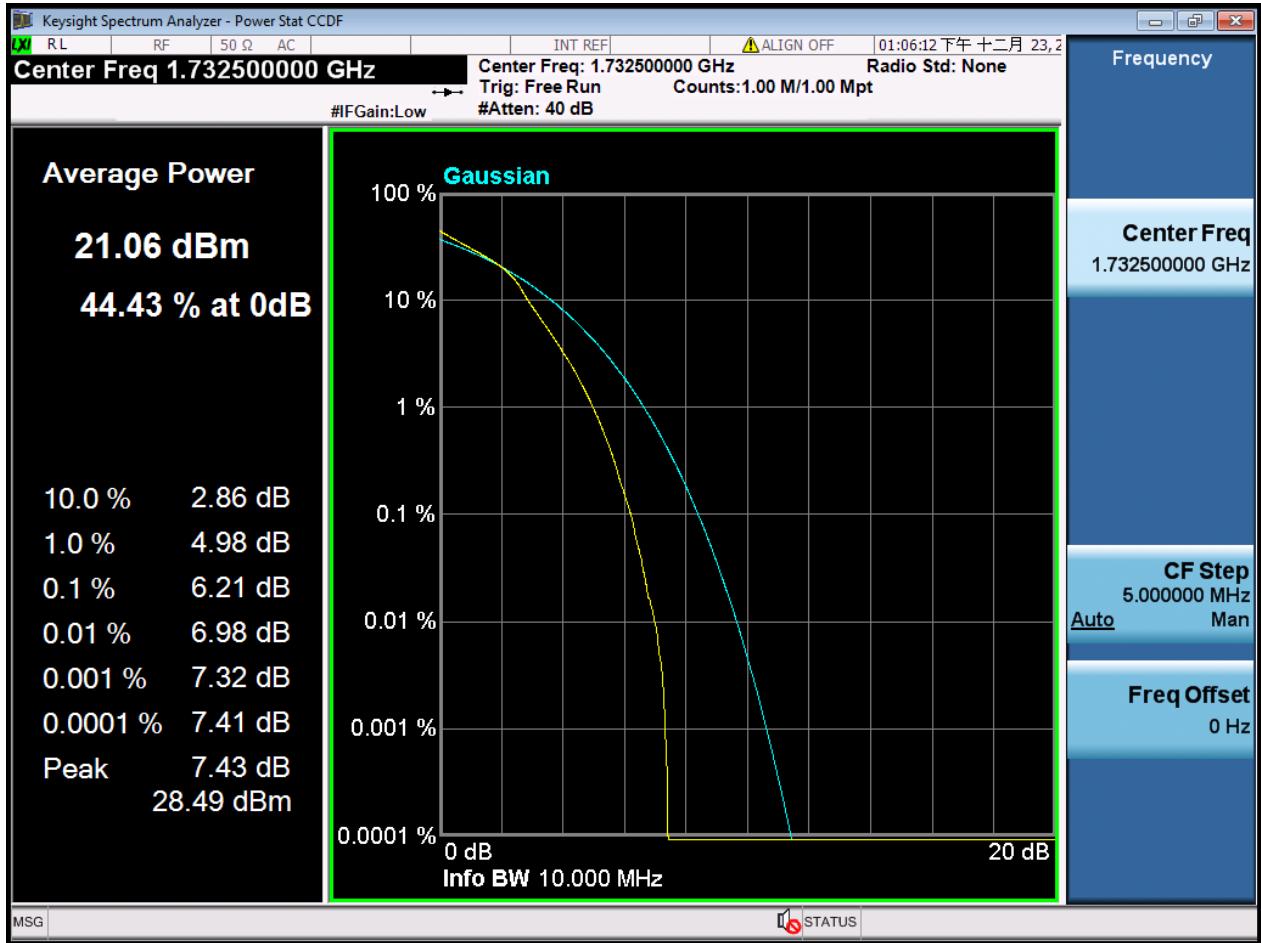
Info BW 10.000 MHz

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

MSG STATUS

1.53. LTE Peak to Average Ratio(NTNV)(Subtest:53, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.21	13	Pass



Average Power
21.06 dBm
44.43 % at 0dB

10.0 %	2.86 dB
1.0 %	4.98 dB
0.1 %	6.21 dB
0.01 %	6.98 dB
0.001 %	7.32 dB
0.0001 %	7.41 dB
Peak	7.43 dB
	28.49 dBm

Center Freq
1.732500000 GHz

CF Step
5.000000 MHz

Freq Offset
0 Hz

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.13	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:16 下午 十二月 23, 2016

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

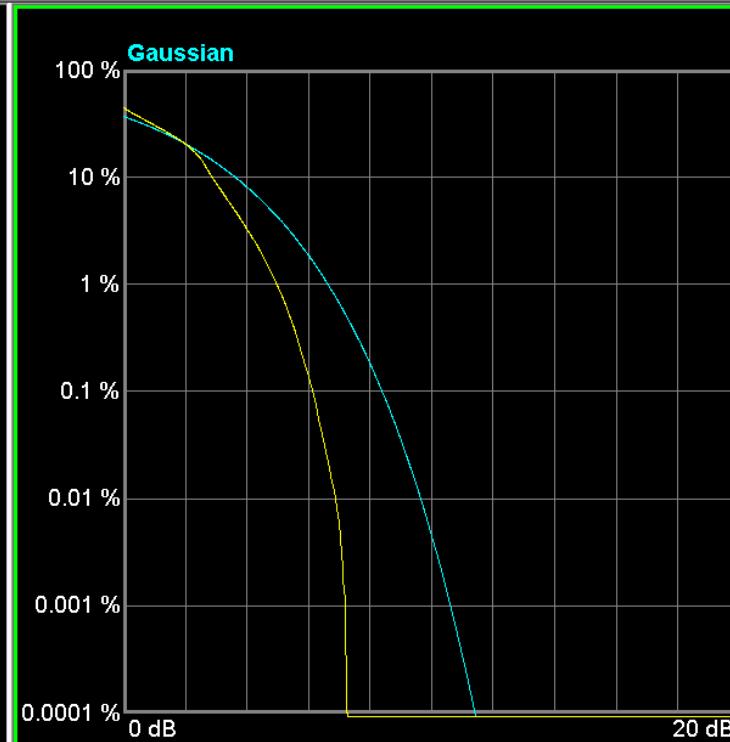
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.07 dBm
44.33 % at 0dB

10.0 % 2.87 dB
1.0 % 4.97 dB
0.1 % 6.14 dB
0.01 % 6.88 dB
0.001 % 7.20 dB
0.0001 % 7.24 dB
Peak 7.28 dB
28.35 dBm

Gaussian



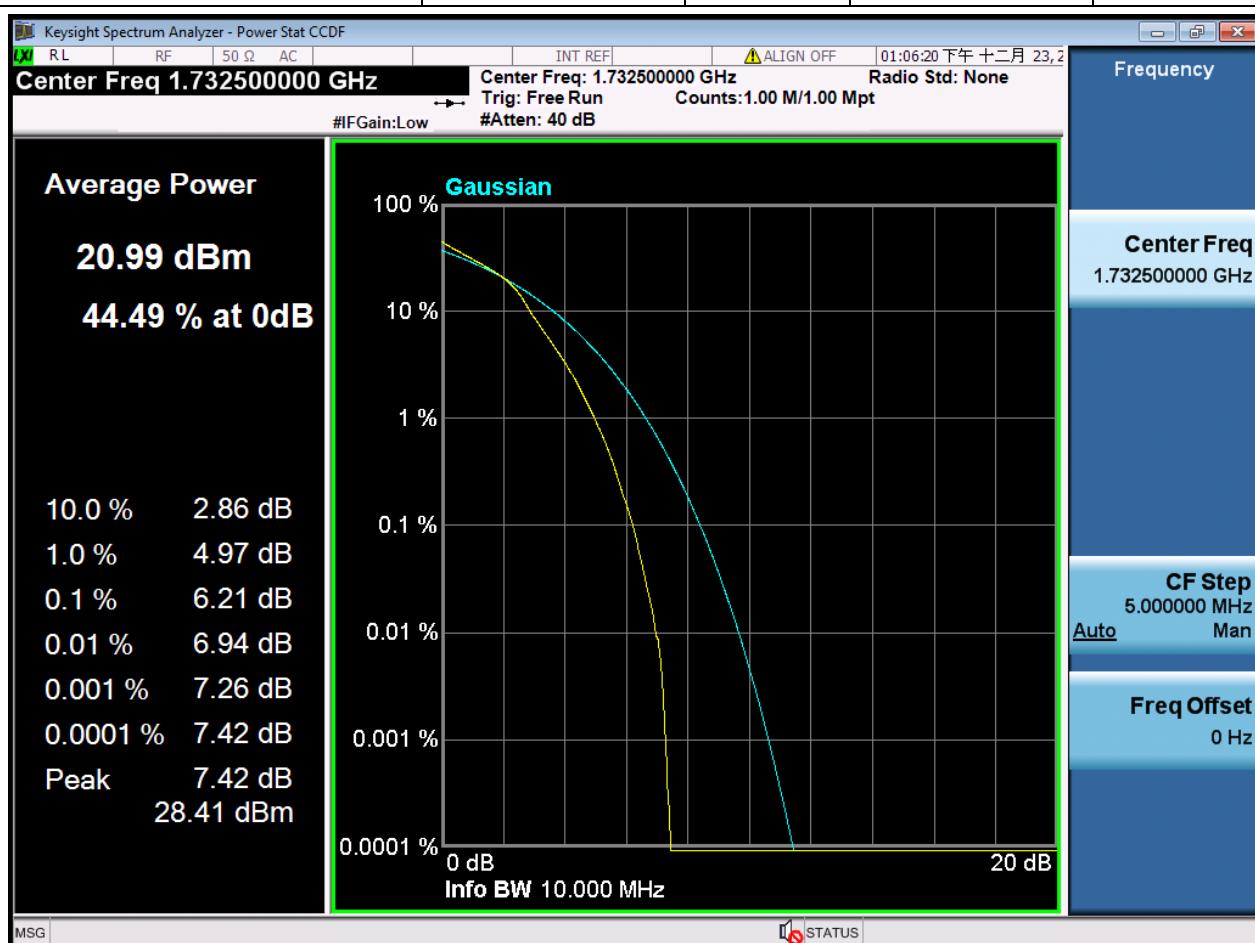
0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

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

MSG STATUS

1.55. LTE Peak to Average Ratio(NTNV)(Subtest:55, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.21	13	Pass



Average Power
20.99 dBm
44.49 % at 0dB

10.0 %	2.86 dB
1.0 %	4.97 dB
0.1 %	6.21 dB
0.01 %	6.94 dB
0.001 %	7.26 dB
0.0001 %	7.42 dB
Peak	7.42 dB
	28.41 dBm

Gaussian

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

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

1.56. LTE Peak to Average Ratio(NTNV)(Subtest:56, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.19	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:24 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 21.00 dBm
44.57 % at 0dB

10.0 % 2.88 dB
1.0 % 4.98 dB
0.1 % 6.19 dB
0.01 % 6.90 dB
0.001 % 7.43 dB
0.0001 % 7.88 dB
Peak 7.92 dB
28.92 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 10.000 MHz

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

MSG STATUS

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:32 下午 十二月 23, 2017

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

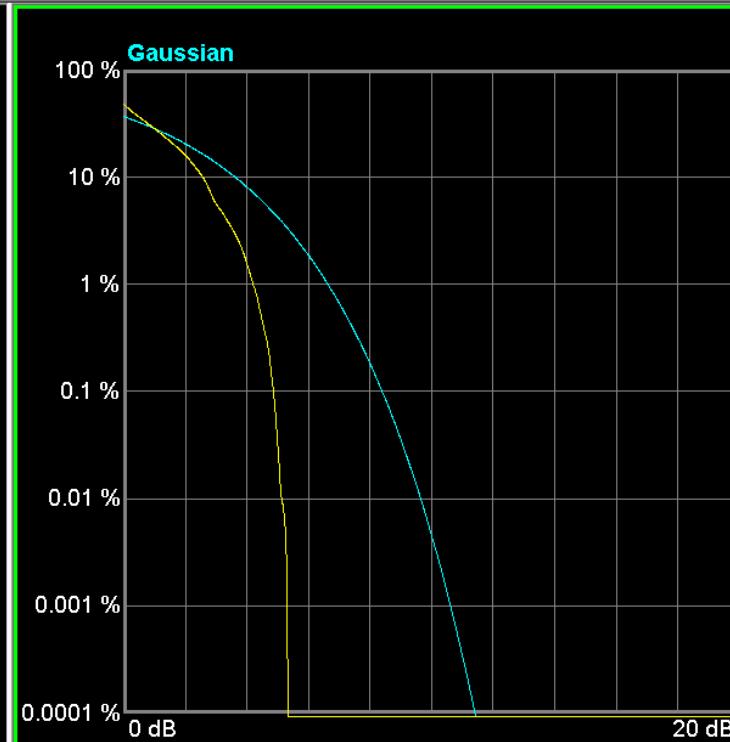
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.85 dBm
47.80 % at 0dB

10.0 % 2.57 dB
1.0 % 4.20 dB
0.1 % 4.86 dB
0.01 % 5.12 dB
0.001 % 5.30 dB
0.0001 % 5.32 dB
Peak 5.32 dB
28.17 dBm

Gaussian



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

MSG STATUS

1.58. LTE Peak to Average Ratio(NTNV)(Subtest:58, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.67	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:36 下午 十二月 23, 2017

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

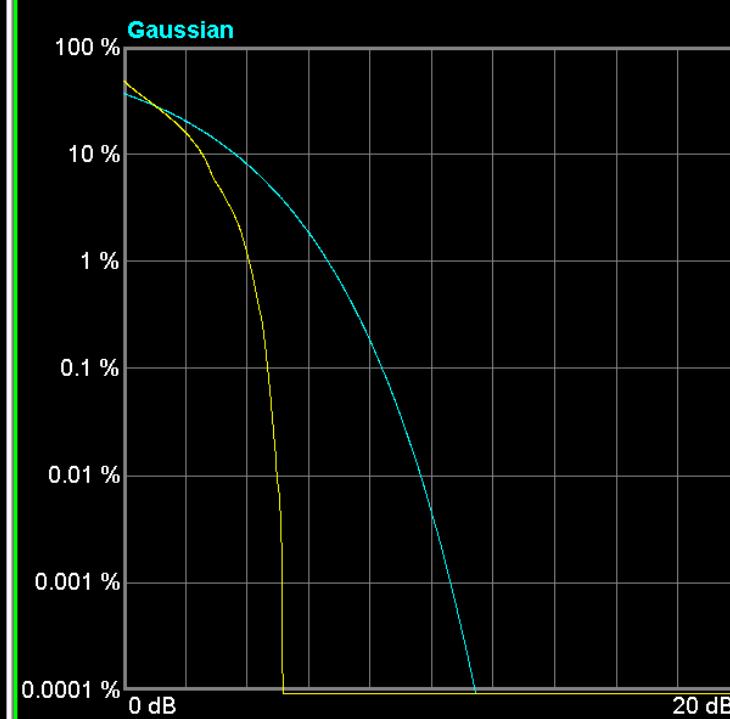
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.96 dBm
48.40 % at 0dB

10.0 % 2.55 dB
1.0 % 4.07 dB
0.1 % 4.67 dB
0.01 % 4.98 dB
0.001 % 5.13 dB
0.0001 % 5.16 dB
Peak 5.18 dB
28.14 dBm

Gaussian



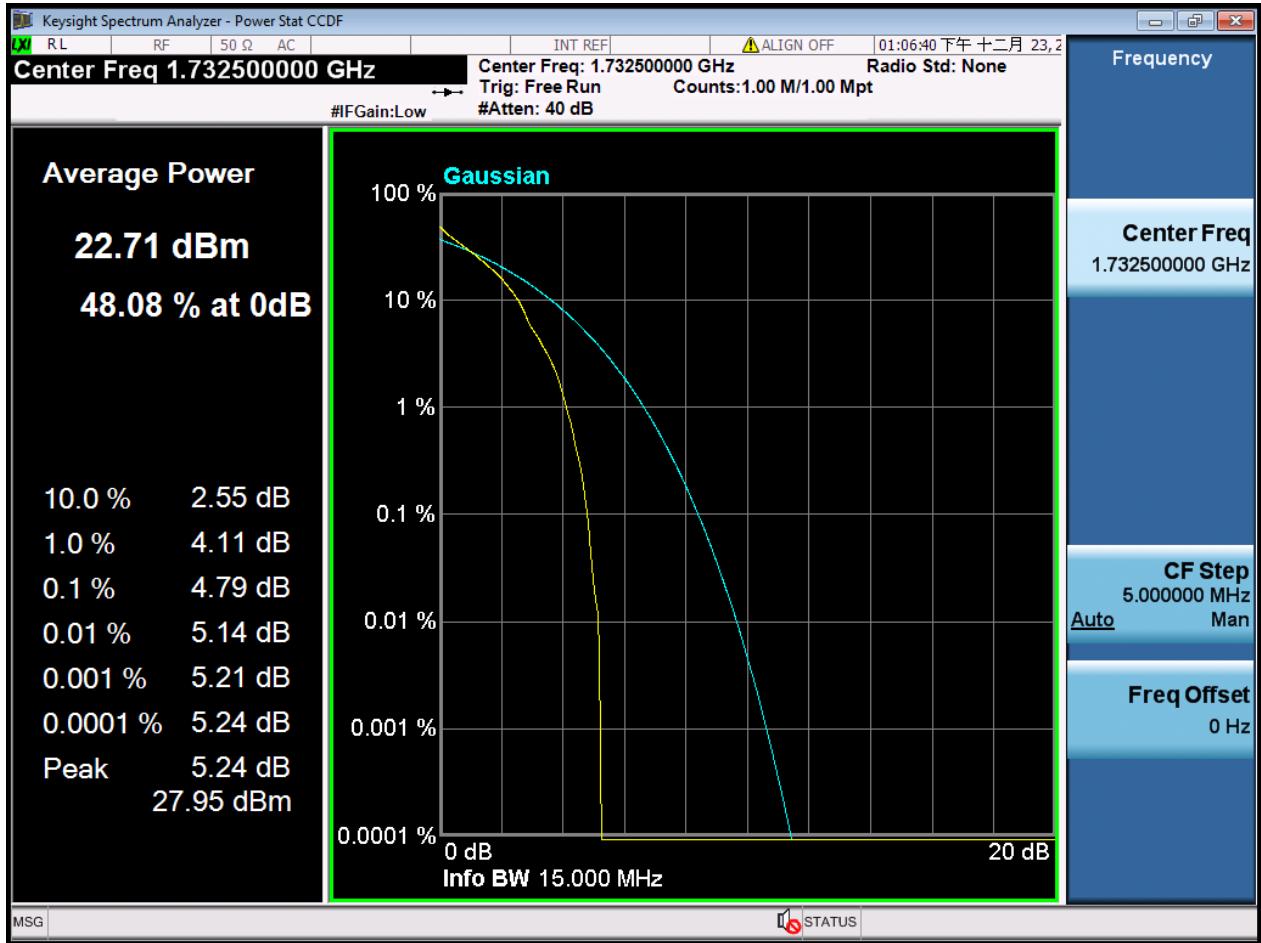
Info BW 15.000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.79	13	Pass



Average Power
22.71 dBm
48.08 % at 0dB

10.0 %	2.55 dB
1.0 %	4.11 dB
0.1 %	4.79 dB
0.01 %	5.14 dB
0.001 %	5.21 dB
0.0001 %	5.24 dB
Peak	5.24 dB
	27.95 dBm

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

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

MSG STATUS

1.60. LTE Peak to Average Ratio(NTNV)(Subtest:60, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:LOW)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:44 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.02 dBm
46.05 % at 0dB

10.0 % 2.53 dB
1.0 % 4.47 dB
0.1 % 5.35 dB
0.01 % 5.87 dB
0.001 % 6.22 dB
0.0001 % 6.44 dB
Peak 6.44 dB
28.46 dBm

Gaussian



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

0 dB 20 dB

Info BW 15.000 MHz

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

MSG STATUS

1.61. LTE Peak to Average Ratio(NTNV)(Subtest:61, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.27	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:48 下午 十二月 23, 2017

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

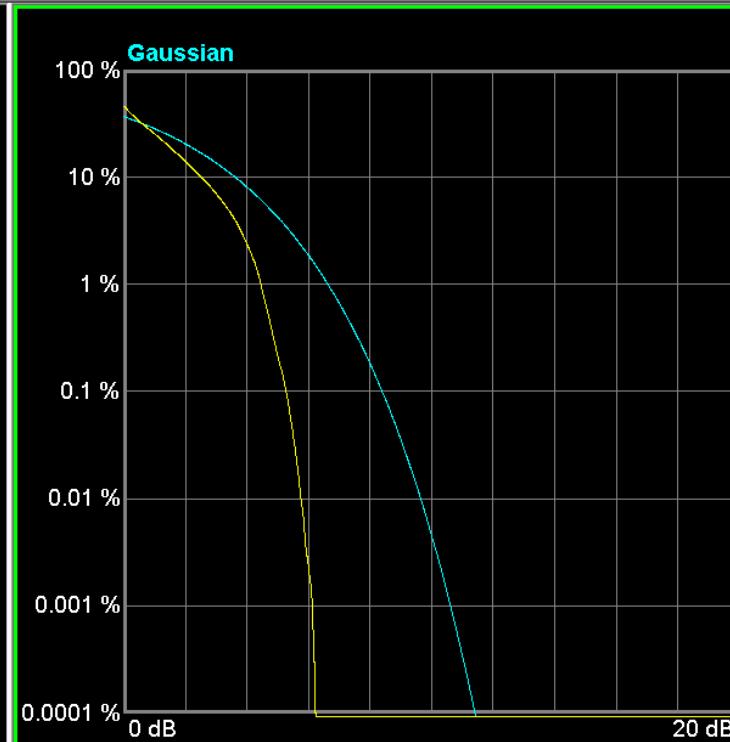
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.06 dBm
46.02 % at 0dB

10.0 % 2.52 dB
1.0 % 4.45 dB
0.1 % 5.27 dB
0.01 % 5.76 dB
0.001 % 6.11 dB
0.0001 % 6.21 dB
Peak 6.27 dB
28.33 dBm

Gaussian



0.0001 % 0 dB 20 dB

Info BW 15.000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.31	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:52 下午 十二月 23, 2017

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

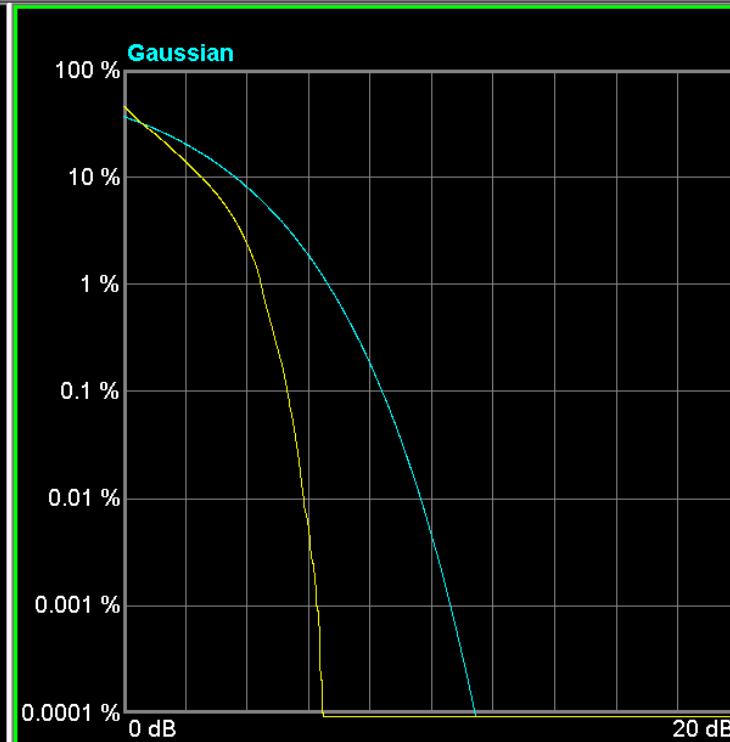
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.96 dBm
45.98 % at 0dB

10.0 %	2.53 dB
1.0 %	4.45 dB
0.1 %	5.31 dB
0.01 %	5.84 dB
0.001 %	6.26 dB
0.0001 %	6.46 dB
Peak	6.48 dB
	28.44 dBm

Gaussian



0.0001 % 0 dB 20 dB

Info BW 15.000 MHz

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

MSG STATUS

1.63. LTE Peak to Average Ratio(NTNV)(Subtest:63, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.77	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:06:56 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.00 dBm
45.74 % at 0dB

10.0 % 2.48 dB
1.0 % 4.64 dB
0.1 % 5.77 dB
0.01 % 6.19 dB
0.001 % 6.68 dB
0.0001 % 6.92 dB
Peak 6.92 dB
28.92 dBm

Gaussian



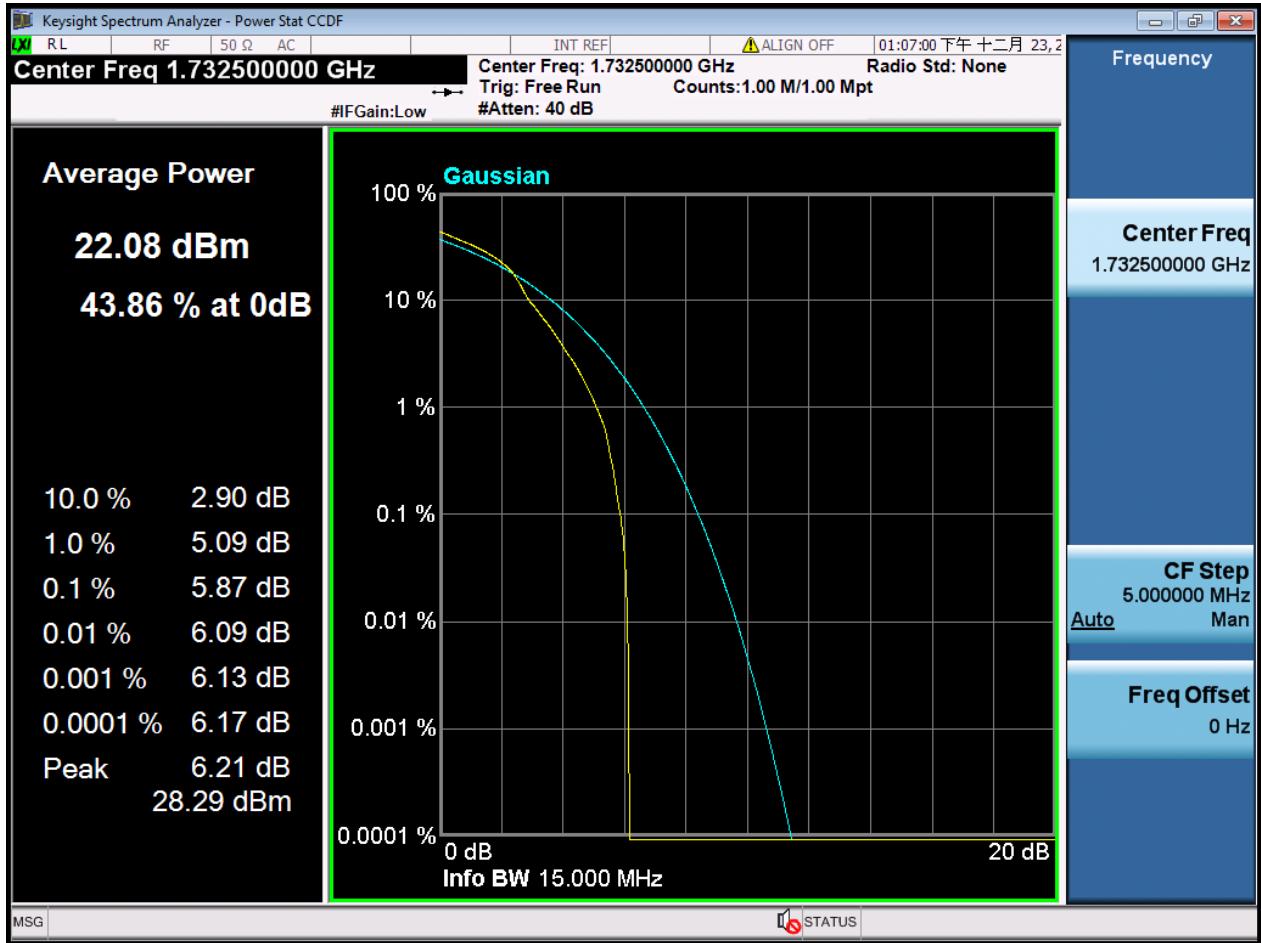
0.0001 % 0 dB 20 dB
Info BW 15.000 MHz

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

MSG STATUS

1.64. LTE Peak to Average Ratio(NTNV)(Subtest:64, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.87	13	Pass



Average Power
22.08 dBm
43.86 % at 0dB

10.0 %	2.90 dB
1.0 %	5.09 dB
0.1 %	5.87 dB
0.01 %	6.09 dB
0.001 %	6.13 dB
0.0001 %	6.17 dB
Peak	6.21 dB
	28.29 dBm

Gaussian

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

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

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:04 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.23 dBm
44.42 % at 0dB

10.0 % 2.86 dB
1.0 % 4.83 dB
0.1 % 5.53 dB
0.01 % 5.80 dB
0.001 % 5.92 dB
0.0001 % 5.93 dB
Peak 5.96 dB
28.19 dBm

Gaussian



Info BW 15.000 MHz

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

MSG STATUS

1.66. LTE Peak to Average Ratio(NTNV)(Subtest:66, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.73	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:08 下午 十二月 23, 2017

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

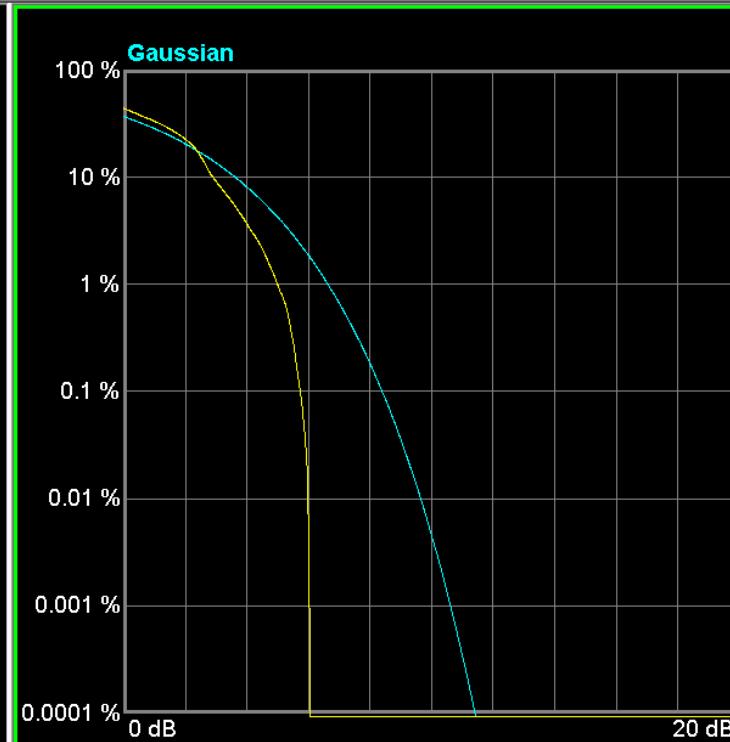
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.95 dBm
44.04 % at 0dB

10.0 % 2.89 dB
1.0 % 4.99 dB
0.1 % 5.73 dB
0.01 % 5.98 dB
0.001 % 6.03 dB
0.0001 % 6.05 dB
Peak 6.05 dB
28.00 dBm

Gaussian



Info BW 15.000 MHz

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

MSG STATUS

1.67. LTE Peak to Average Ratio(NTNV)(Subtest:67, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:LOW)

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:13 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
20.98 dBm
43.38 % at 0dB

10.0 % 3.06 dB
1.0 % 5.02 dB
0.1 % 6.17 dB
0.01 % 6.99 dB
0.001 % 7.45 dB
0.0001 % 7.55 dB
Peak 7.55 dB
28.53 dBm

Gaussian



Info BW 15.000 MHz

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

MSG STATUS

1.68. LTE Peak to Average Ratio(NTNV)(Subtest:68, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.11	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:17 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.03 dBm
43.43 % at 0dB

10.0 % 3.06 dB
1.0 % 5.01 dB
0.1 % 6.11 dB
0.01 % 6.86 dB
0.001 % 7.19 dB
0.0001 % 7.32 dB
Peak 7.33 dB
28.36 dBm

Gaussian



0.0001 % 0 dB 20 dB
Info BW 15.000 MHz

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

MSG STATUS

1.69. LTE Peak to Average Ratio(NTNV)(Subtest:69, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 36, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.14	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:21 下午 十二月 23, 2017

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

Average Power 20.91 dBm
43.22 % at 0dB

10.0 % 3.04 dB
1.0 % 5.01 dB
0.1 % 6.14 dB
0.01 % 6.92 dB
0.001 % 7.36 dB
0.0001 % 7.50 dB
Peak 7.51 dB
28.42 dBm

Gaussian



0 dB 20 dB Info BW 15.000 MHz

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

MSG STATUS

1.70. LTE Peak to Average Ratio(NTNV)(Subtest:70, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.3	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:25 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
20.99 dBm
43.28 % at 0dB

10.0 % 2.99 dB
1.0 % 5.20 dB
0.1 % 6.30 dB
0.01 % 7.05 dB
0.001 % 7.57 dB
0.0001 % 7.71 dB
Peak 7.80 dB
28.79 dBm

Gaussian



0.0001 % 0 dB 20 dB

MSG STATUS

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

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.82	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:33 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.72 dBm
47.63 % at 0dB

10.0 % 2.54 dB
1.0 % 4.09 dB
0.1 % 4.82 dB
0.01 % 5.20 dB
0.001 % 5.39 dB
0.0001 % 5.43 dB
Peak 5.45 dB
28.17 dBm

Gaussian



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

0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.58	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:37 下午 十二月 23, 2017

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

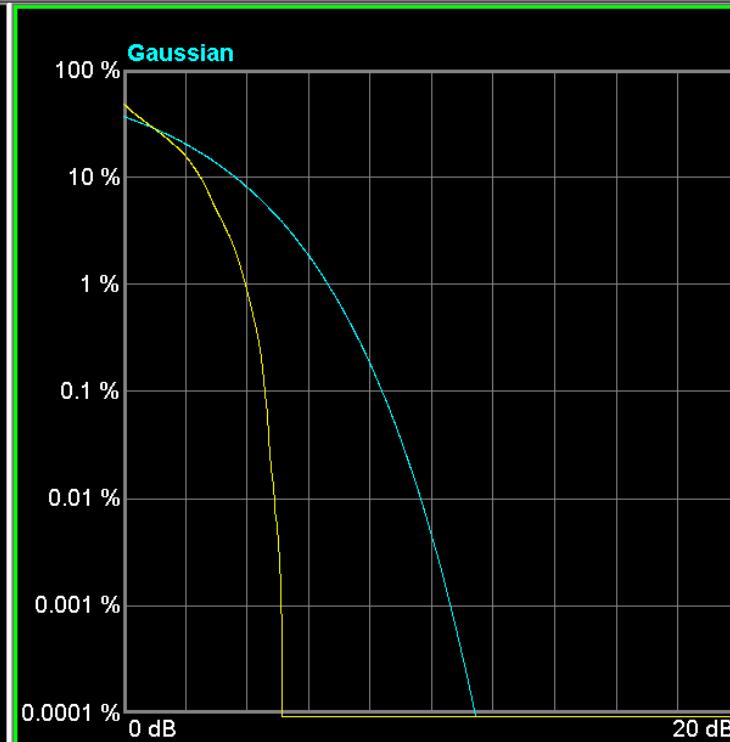
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
23.08 dBm
47.91 % at 0dB

10.0 % 2.49 dB
1.0 % 3.95 dB
0.1 % 4.58 dB
0.01 % 4.89 dB
0.001 % 5.11 dB
0.0001 % 5.14 dB
Peak 5.16 dB
28.24 dBm

Gaussian



Info BW 20.000 MHz

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

MSG STATUS

1.73. LTE Peak to Average Ratio(NTNV)(Subtest:73, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.8	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:41 下午 十二月 23, 2017

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

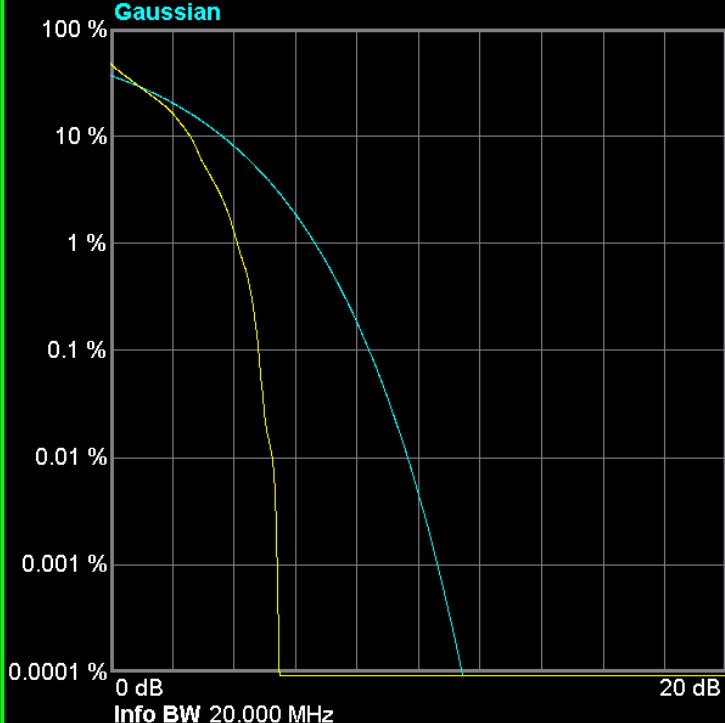
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.51 dBm
47.57 % at 0dB

10.0 % 2.58 dB
1.0 % 4.11 dB
0.1 % 4.80 dB
0.01 % 5.25 dB
0.001 % 5.40 dB
0.0001 % 5.45 dB
Peak 5.48 dB
27.99 dBm

Gaussian



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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.4	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:45 下午 十二月 23, 2017

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

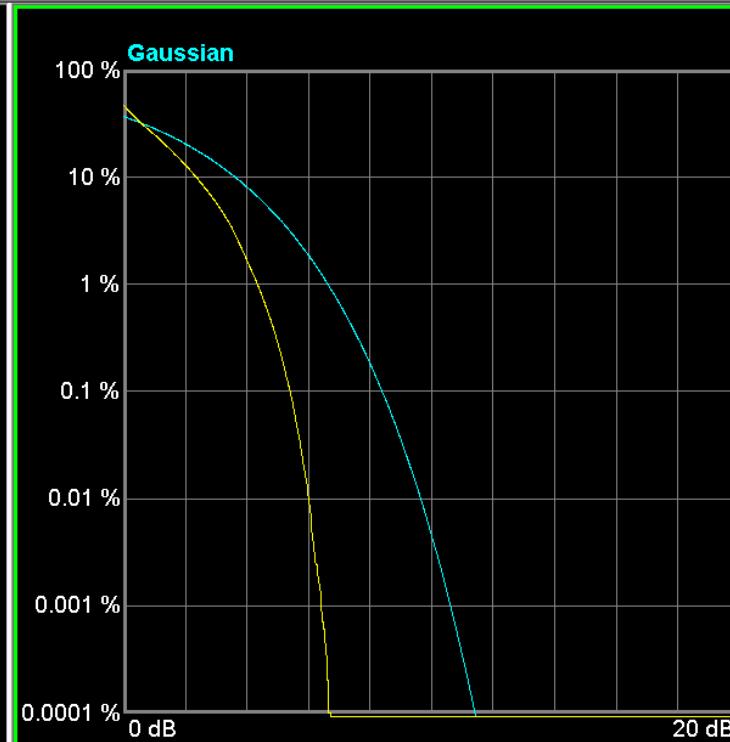
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.97 dBm
46.67 % at 0dB

10.0 % 2.36 dB
1.0 % 4.34 dB
0.1 % 5.40 dB
0.01 % 6.00 dB
0.001 % 6.41 dB
0.0001 % 6.64 dB
Peak 6.72 dB
28.69 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

1.75. LTE Peak to Average Ratio(NTNV)(Subtest:75, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.36	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:49 下午 十二月 23, 2017

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

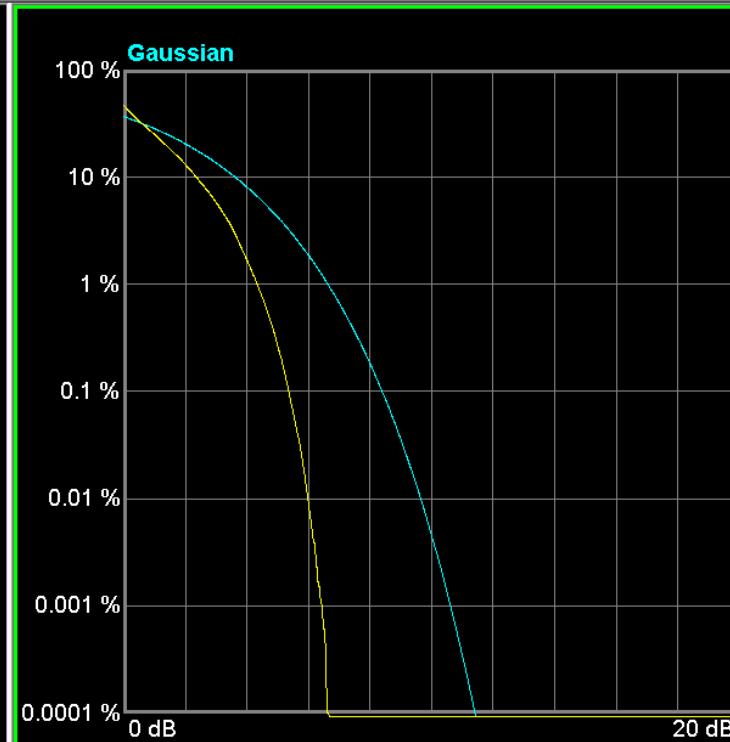
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 22.00 dBm
46.73 % at 0dB

10.0 % 2.36 dB
1.0 % 4.33 dB
0.1 % 5.36 dB
0.01 % 5.97 dB
0.001 % 6.43 dB
0.0001 % 6.59 dB
Peak 6.66 dB
28.66 dBm

Gaussian



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

0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.31	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:53 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power 21.89 dBm
46.87 % at 0dB

10.0 % 2.35 dB
1.0 % 4.34 dB
0.1 % 5.31 dB
0.01 % 5.93 dB
0.001 % 6.34 dB
0.0001 % 6.64 dB
Peak 6.72 dB
28.61 dBm

Gaussian



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

0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

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

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

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:07:57 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.96 dBm
46.48 % at 0dB

10.0 % 2.35 dB
1.0 % 4.40 dB
0.1 % 5.52 dB
0.01 % 6.20 dB
0.001 % 6.72 dB
0.0001 % 6.89 dB
Peak 7.00 dB
28.96 dBm

Gaussian



0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.71	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:08:01 下午 十二月 23, 2017

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

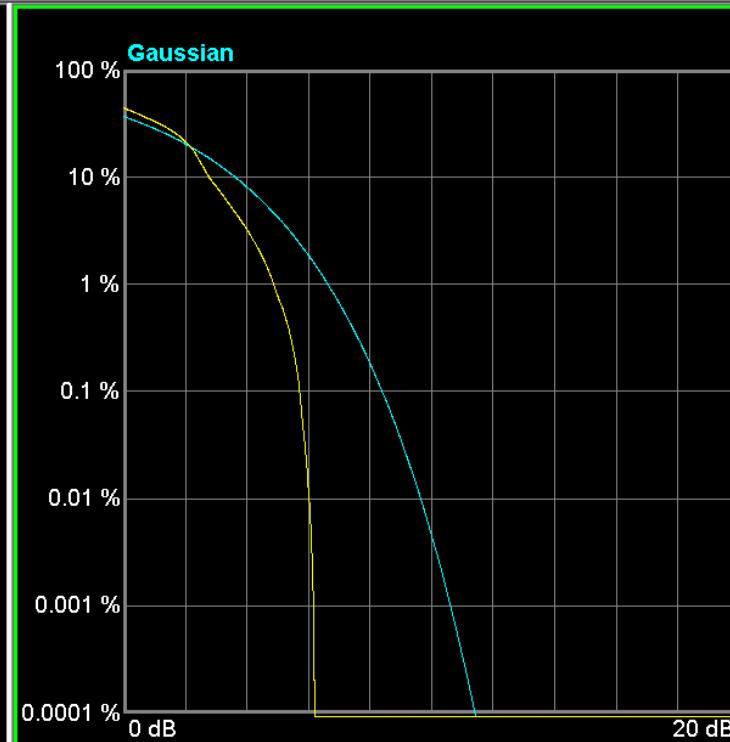
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
22.04 dBm
44.34 % at 0dB

10.0 % 2.77 dB
1.0 % 4.87 dB
0.1 % 5.71 dB
0.01 % 6.02 dB
0.001 % 6.16 dB
0.0001 % 6.19 dB
Peak 6.20 dB
28.24 dBm

Gaussian

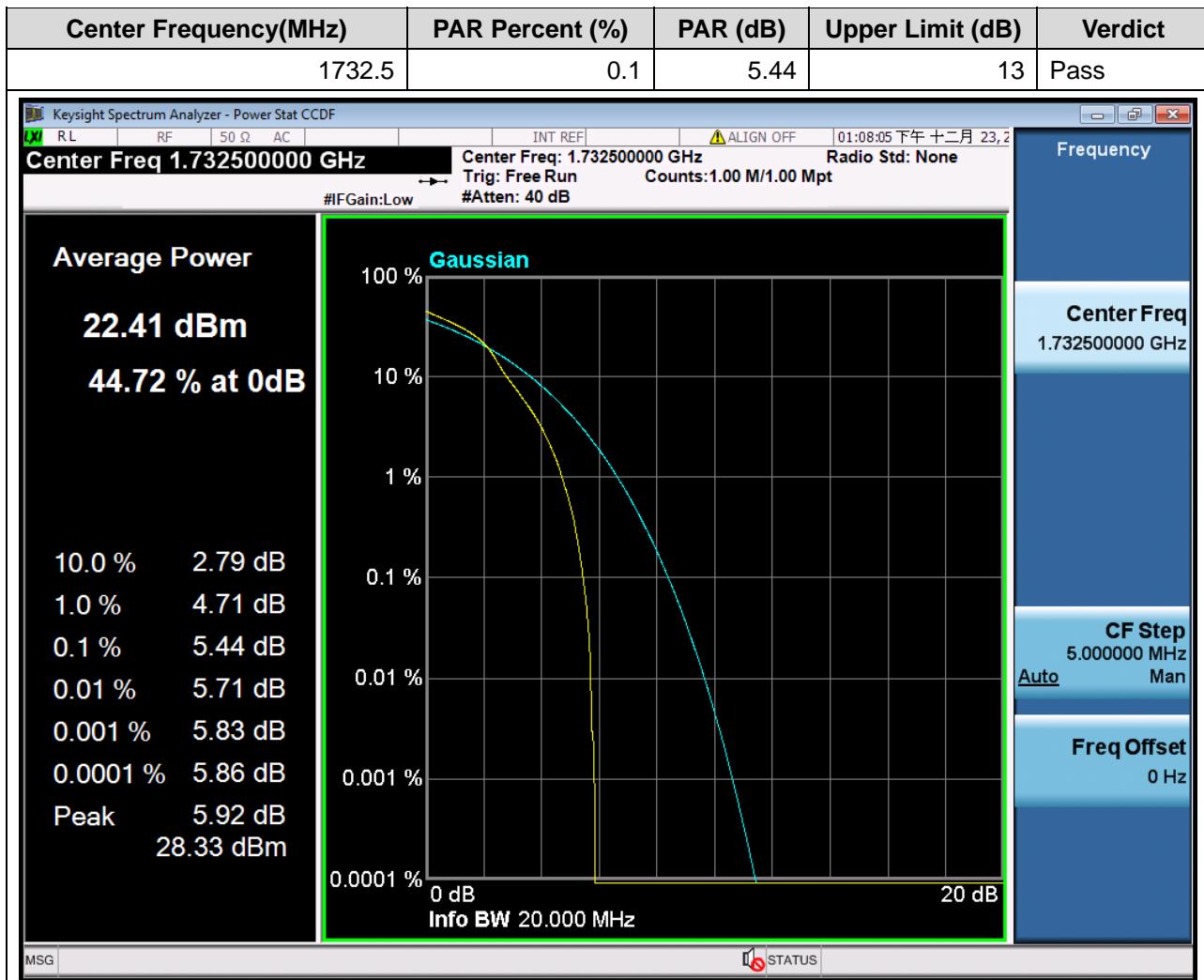


Info BW 20.000 MHz

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

MSG STATUS

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



1.80. LTE Peak to Average Ratio(NTNV)(Subtest:80, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.72	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:08:09 下午 十二月 23, 2017

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

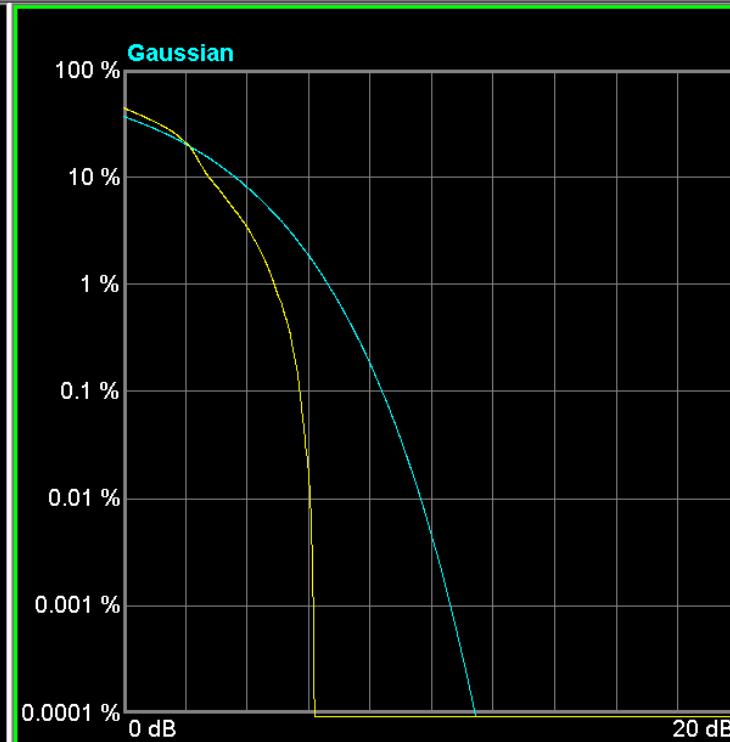
Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.89 dBm
44.39 % at 0dB

10.0 % 2.76 dB
1.0 % 4.89 dB
0.1 % 5.72 dB
0.01 % 6.05 dB
0.001 % 6.15 dB
0.0001 % 6.18 dB
Peak 6.18 dB
28.07 dBm

Gaussian



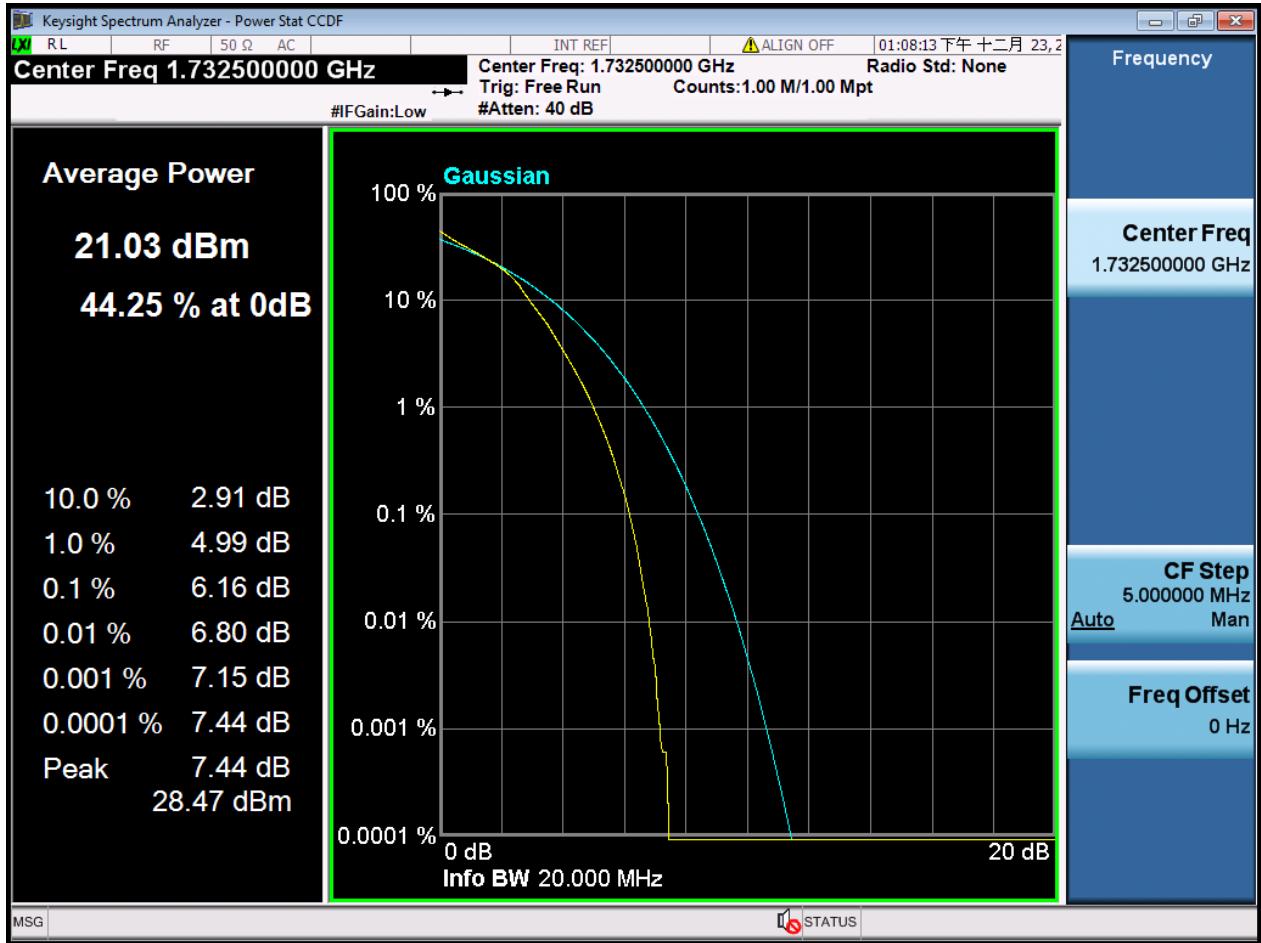
0.0001 % 0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

1.81. LTE Peak to Average Ratio(NTNV)(Subtest:81, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.16	13	Pass



Average Power
21.03 dBm
44.25 % at 0dB

10.0 %	2.91 dB
1.0 %	4.99 dB
0.1 %	6.16 dB
0.01 %	6.80 dB
0.001 %	7.15 dB
0.0001 %	7.44 dB
Peak	7.44 dB
	28.47 dBm

Center Freq
1.732500000 GHz

 CF Step
5.000000 MHz
Auto

 Freq Offset
0 Hz

1.82. LTE Peak to Average Ratio(NTNV)(Subtest:82, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:MID)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.11	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:08:17 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
21.01 dBm
44.03 % at 0dB

10.0 % 2.92 dB
1.0 % 4.99 dB
0.1 % 6.11 dB
0.01 % 6.72 dB
0.001 % 7.04 dB
0.0001 % 7.13 dB
Peak 7.14 dB
28.15 dBm

Gaussian



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

0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

1.83. LTE Peak to Average Ratio(NTNV)(Subtest:83, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 50, RB Position:HIGH)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.15	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:08:21 下午 十二月 23, 2017

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

Trig: Free Run Counts: 1.00 M/1.00 Mpt

#IFGain:Low #Atten: 40 dB

Average Power
20.92 dBm
44.17 % at 0dB

10.0 % 2.91 dB
1.0 % 4.98 dB
0.1 % 6.15 dB
0.01 % 6.78 dB
0.001 % 7.07 dB
0.0001 % 7.35 dB
Peak 7.36 dB
28.28 dBm

Gaussian



0 dB 20 dB Info BW 20.000 MHz

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

MSG STATUS

1.84. LTE Peak to Average Ratio(NTNV)(Subtest:84, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.22	13	Pass

Keysight Spectrum Analyzer - Power Stat CCDF

RL RF 50 Ω AC INT REF ALIGN OFF 01:08:26 下午 十二月 23, 2017

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

Average Power
20.99 dBm
44.31 % at 0dB

10.0 % 2.88 dB
1.0 % 4.98 dB
0.1 % 6.22 dB
0.01 % 6.96 dB
0.001 % 7.62 dB
0.0001 % 7.89 dB
Peak 7.94 dB
28.93 dBm

Gaussian



0.0001 % 0 dB 20 dB 0.001 % 0.01 % 0.1 % 1 % 10 % 100 %

Info BW 20.000 MHz

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

MSG STATUS

END