

**5.20. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:20, Channel:18801|18999, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.98	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1880.00000 Ref. Level: 30.00 Connector:RF4COM

x: Off y: --- x: Off y: --- x: Off y: ---

Statistic Count	
Sample Count	1023251
Sample Time	20.475 ms
Avg Power	12.607 dBm
Max Power	22.528 dBm
PAR	9.921 dB

Probability	
10,000%	3.422 dB
1,0000%	5.625 dB
0,1000%	6.984 dB
0,0100%	8.016 dB
0,0010%	8.813 dB
0,0001%	9.422 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

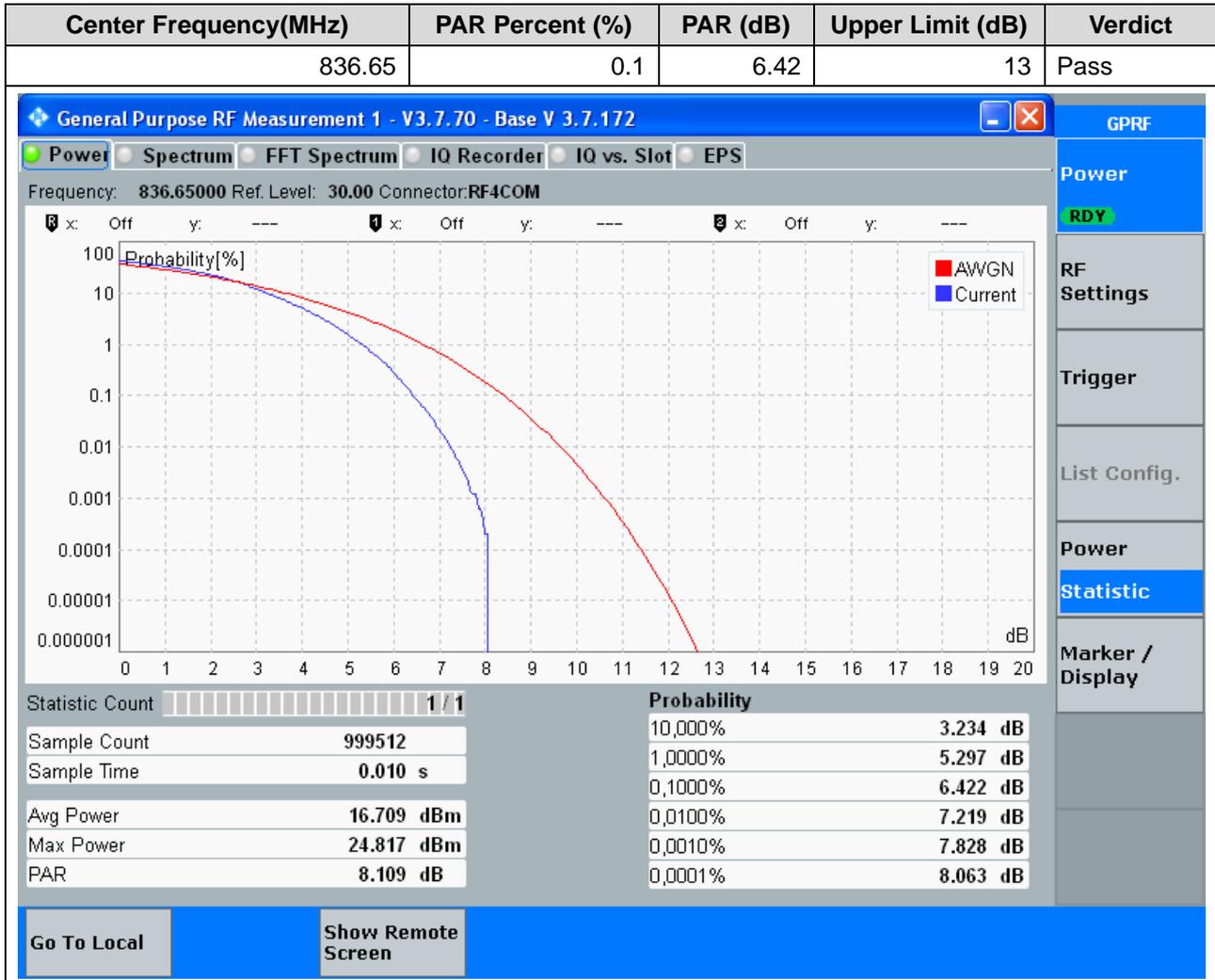
Power

Statistic

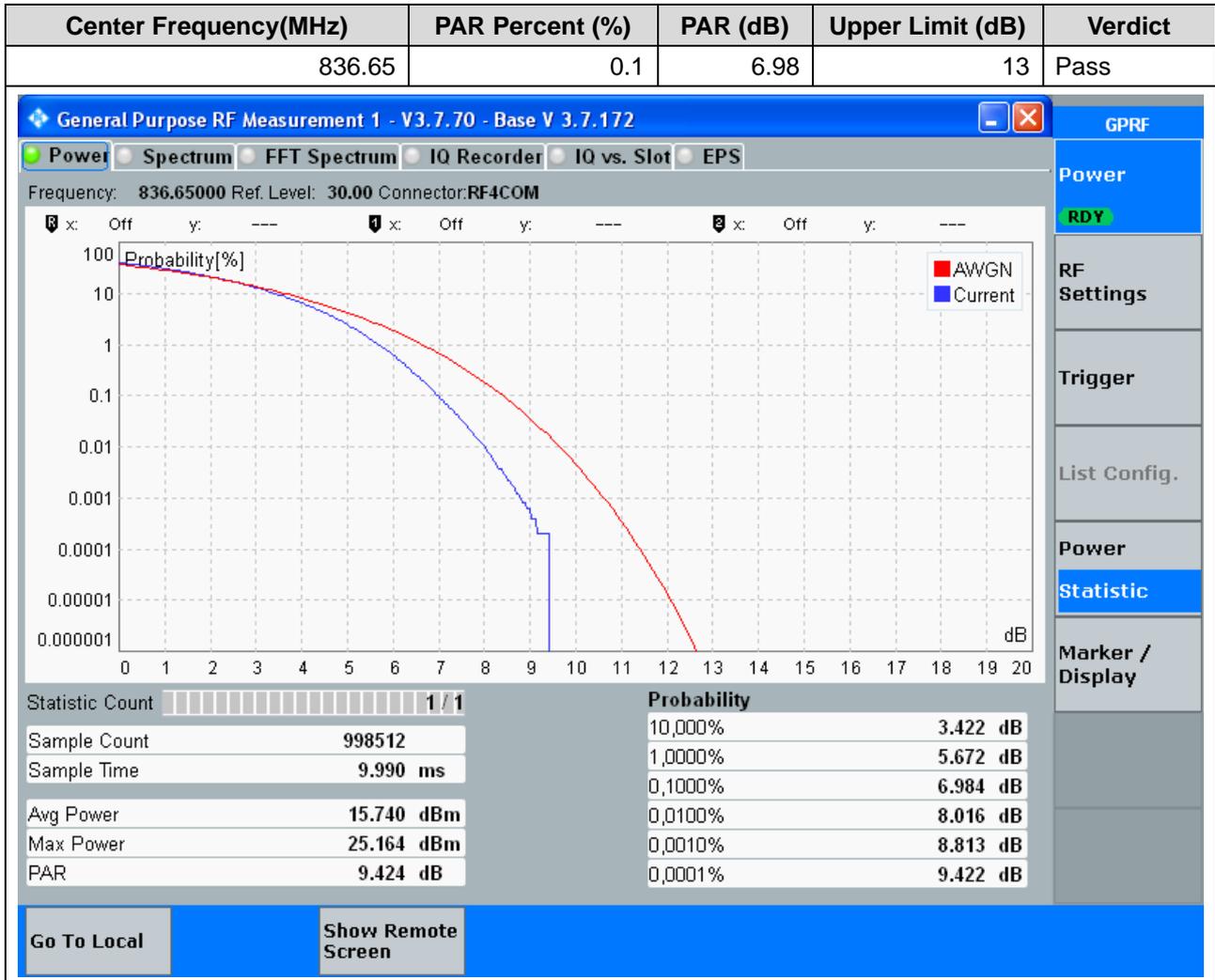
Marker / Display

## 6. CA\_5B

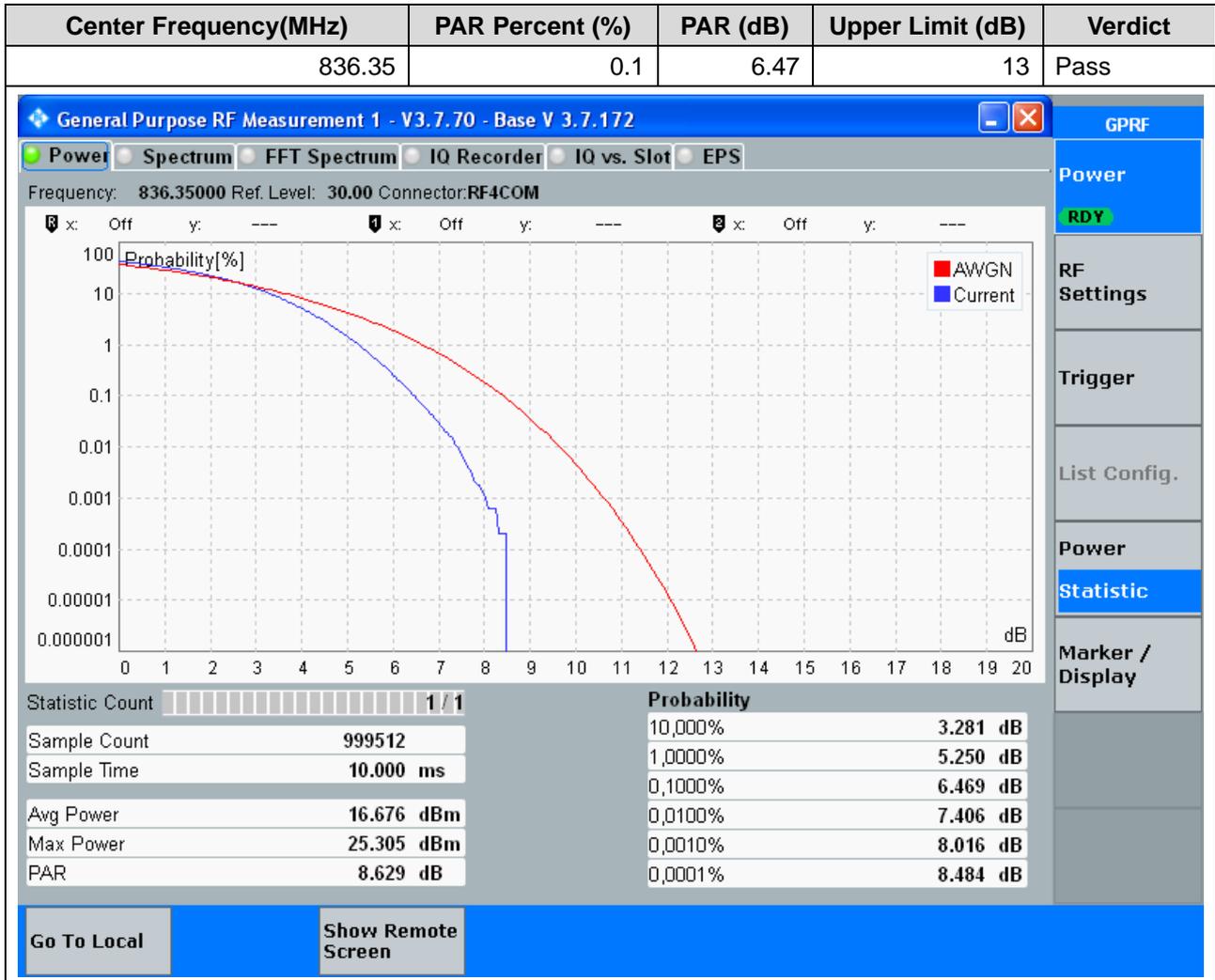
6.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



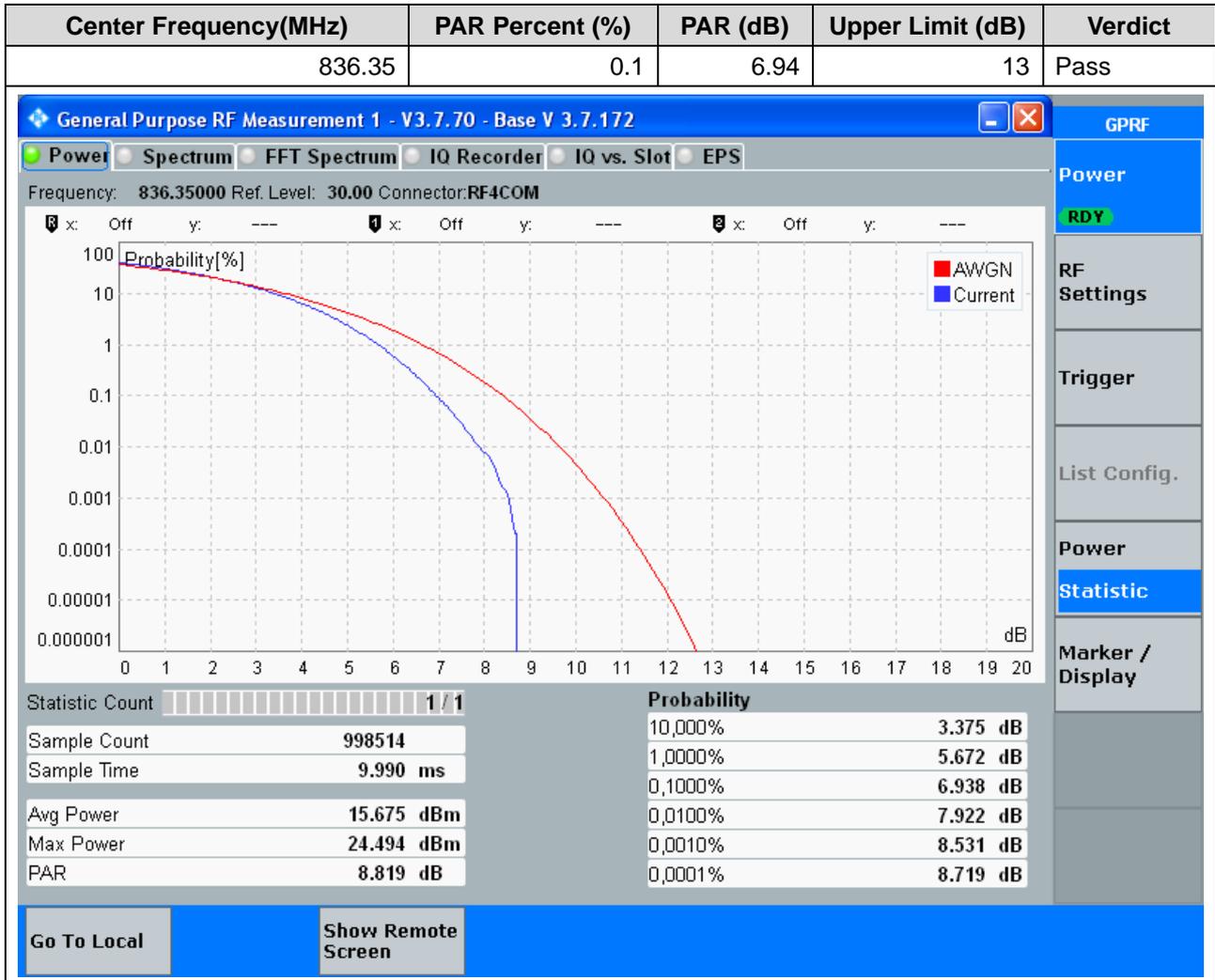
**6.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2,  
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**6.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



**6.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**6.5. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:20476|20575, Bandwidth:10|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.55	0.1	6.75	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

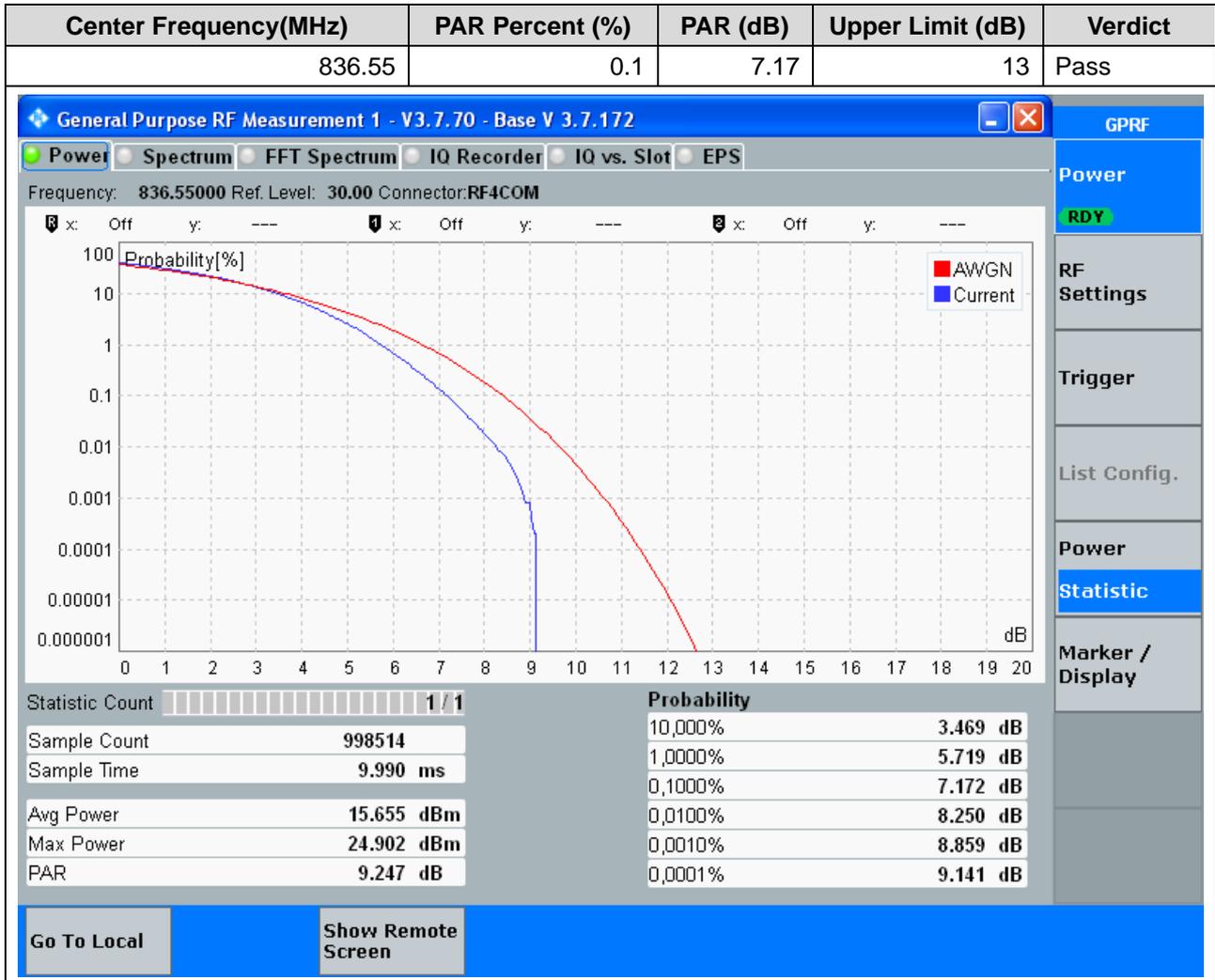
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 836.55000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count		Probability	
Sample Count	999512	10,000%	3.188 dB
Sample Time	10.000 ms	1,0000%	5.391 dB
Avg Power	16.679 dBm	0,1000%	6.750 dB
Max Power	25.588 dBm	0,0100%	7.734 dB
PAR	8.909 dB	0,0010%	8.391 dB
		0,0001%	8.766 dB

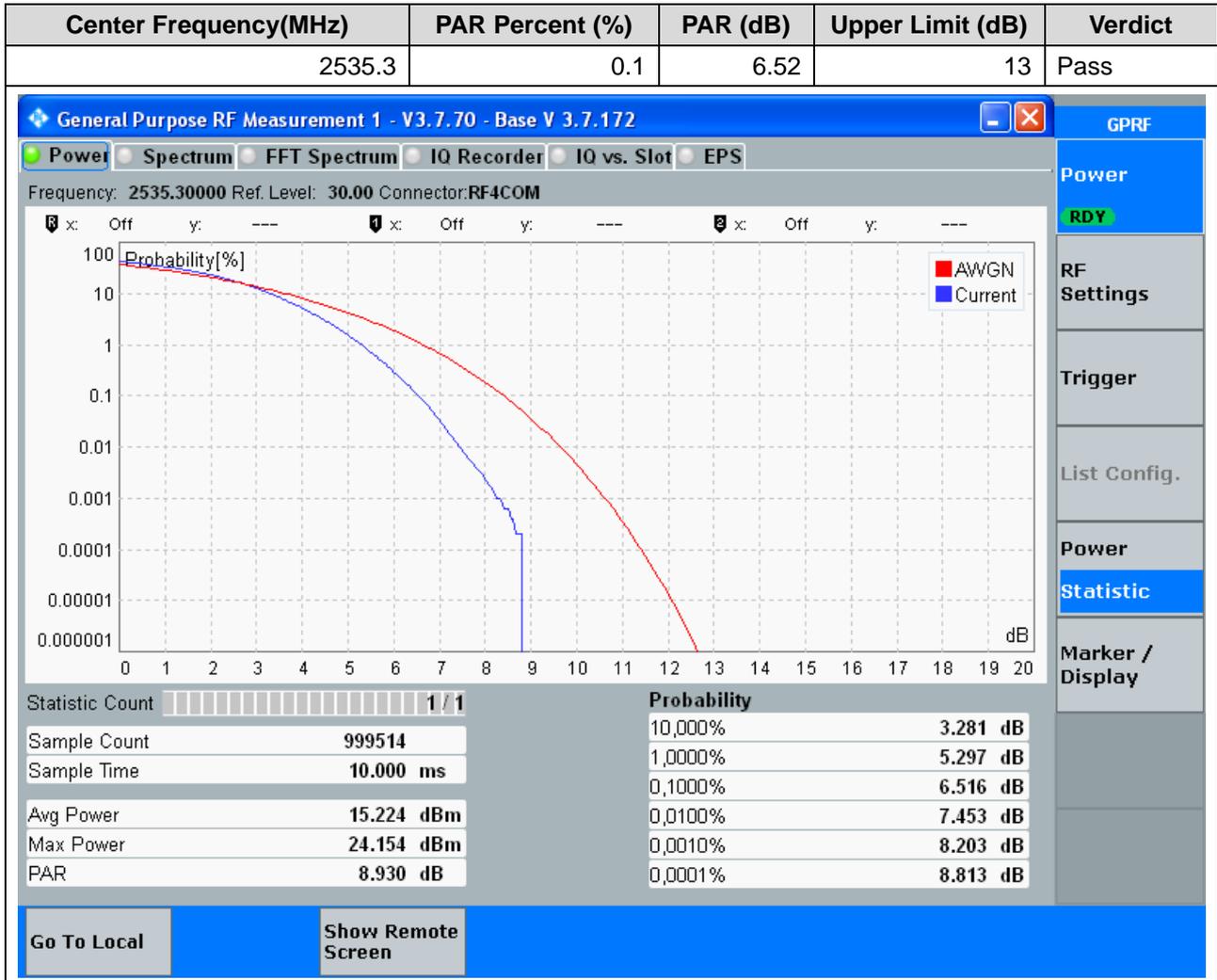
Go To Local
Show Remote Screen

**6.6. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6,  
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



# 1. CA\_7C

1.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**1.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.3	0.1	7.17	13	Pass

**General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172**

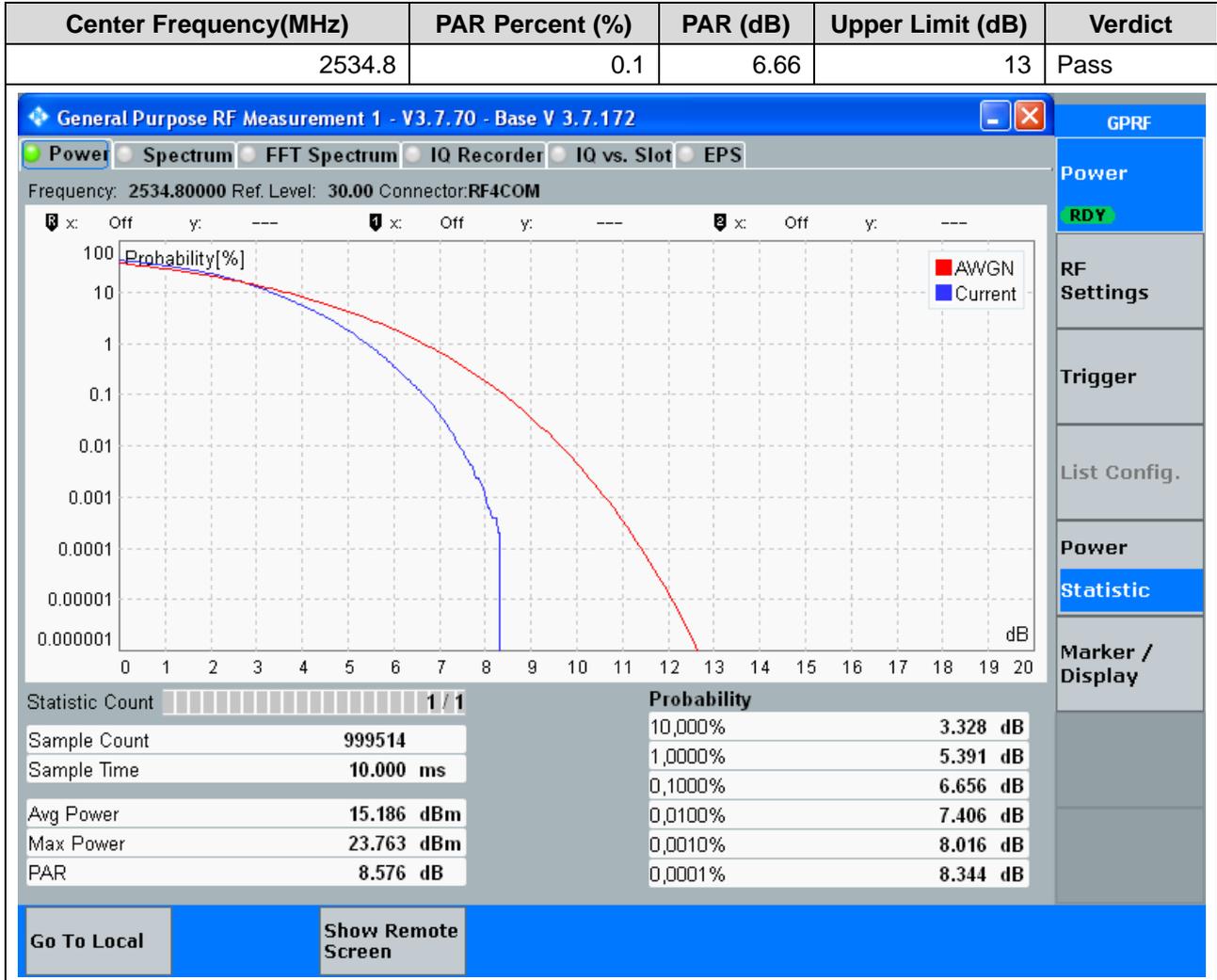
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2535.30000 Ref. Level: 30.00 Connector:RF4COM

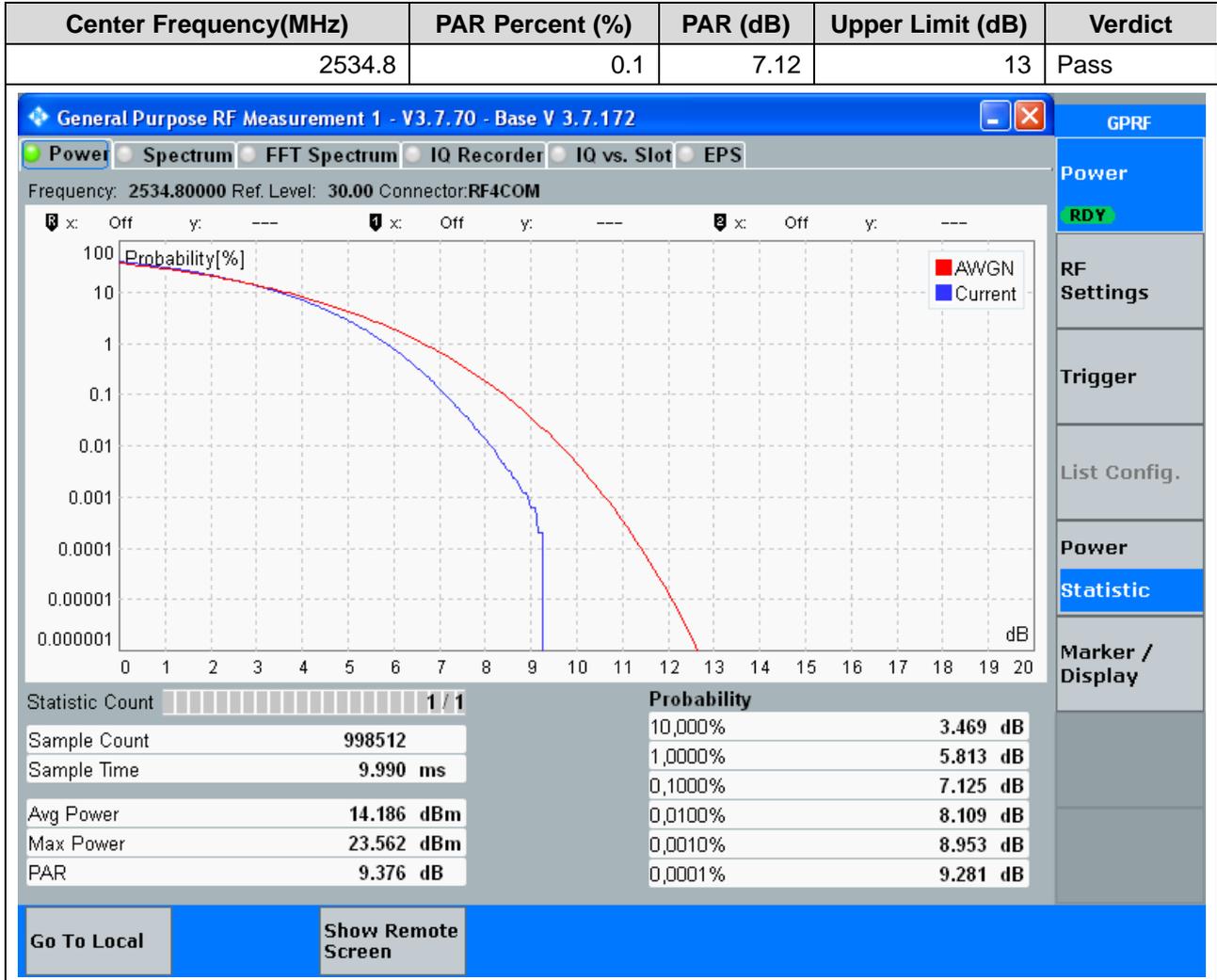
Statistic Count	1 / 1	Probability	
Sample Count	998512	10,000%	3.469 dB
Sample Time	9.990 ms	1,0000%	5.766 dB
Avg Power	14.227 dBm	0,1000%	7.172 dB
Max Power	23.721 dBm	0,0010%	8.719 dB
PAR	9.494 dB	0,0001%	9.328 dB

Go To Local Show Remote Screen

**1.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3,  
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



**1.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**1.5. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.89	13	Pass

**General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172**
GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF4COM

x: Off y: --- x: Off y: --- x: Off y: ---

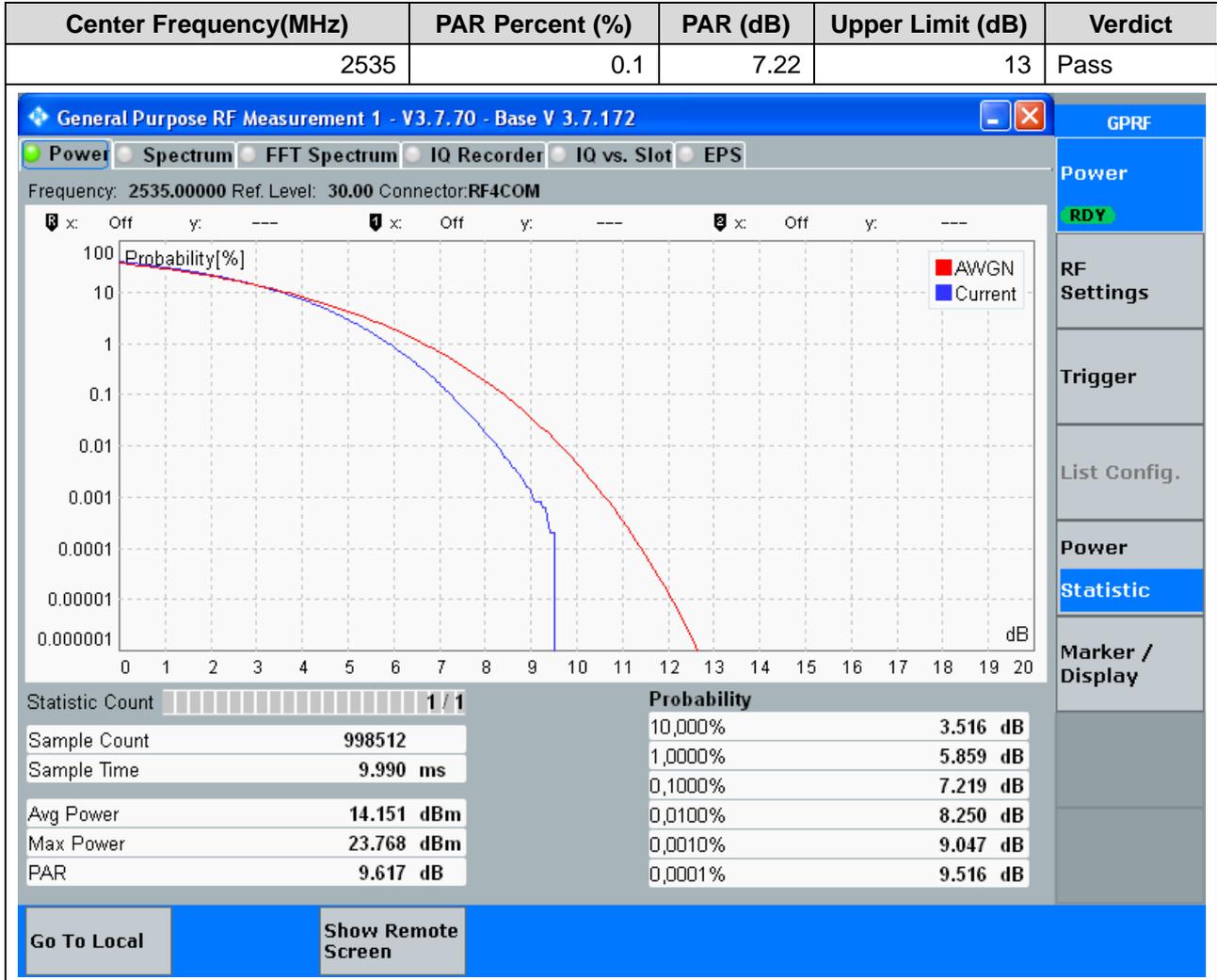
Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	15.153 dBm
Max Power	24.490 dBm
PAR	9.337 dB

Probability	
10,000%	3.234 dB
1,0000%	5.484 dB
0,1000%	6.891 dB
0,0100%	7.781 dB
0,0010%	8.484 dB
0,0001%	8.813 dB

GPRF  
 Power  
RDY  
 RF Settings  
 Trigger  
 List Config.  
 Power  
Statistic  
 Marker / Display

Go To Local
Show Remote Screen

**1.6. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6,  
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**1.7. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7,  
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.1	0.1	6.66	13	Pass

**General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172**

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2535.10000 Ref. Level: 30.00 Connector:RF4COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

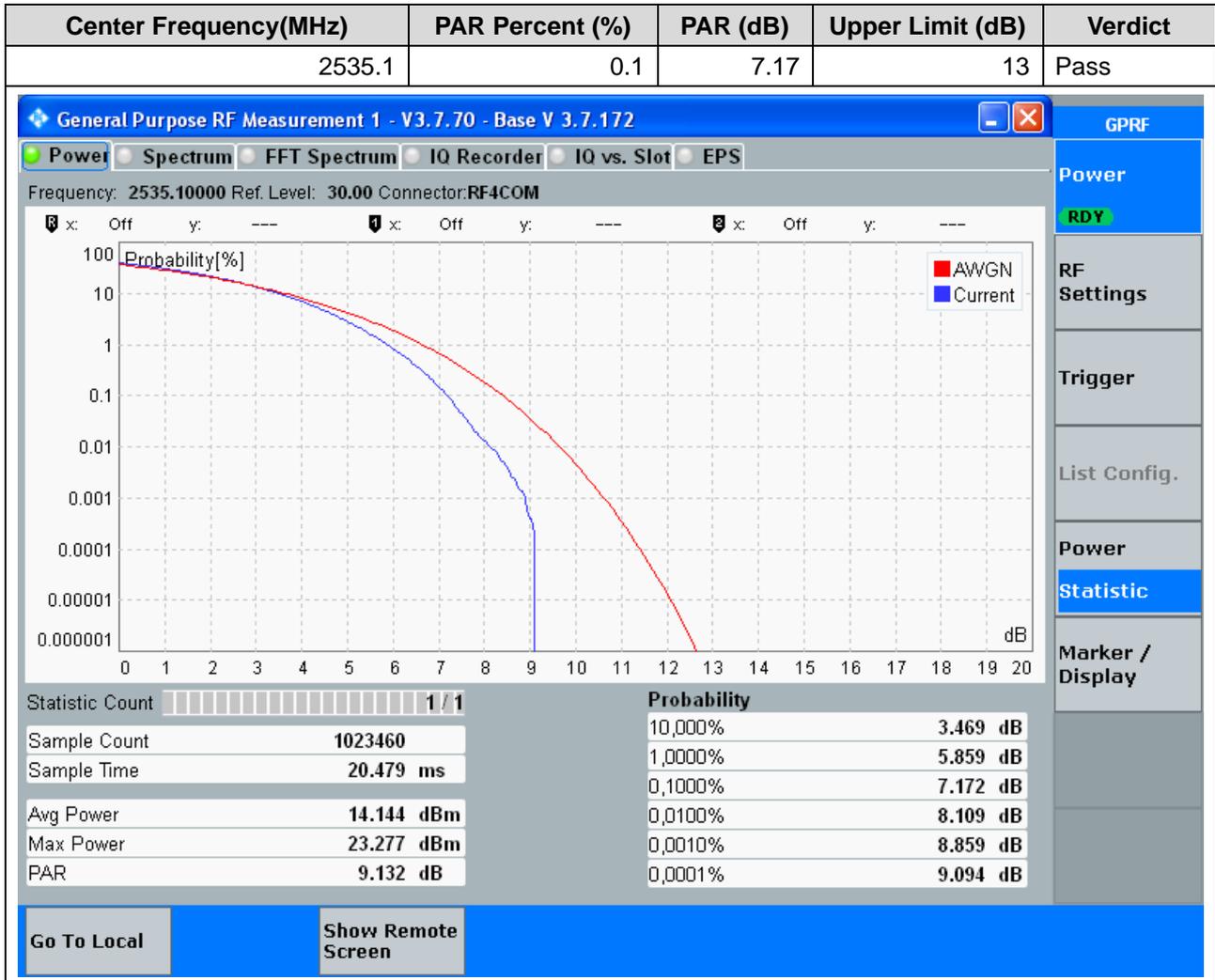
Marker / Display

Statistic Count	Value
Sample Count	999513
Sample Time	20.000 ms
Avg Power	15.148 dBm
Max Power	23.773 dBm
PAR	8.625 dB

Probability	Value
10,000%	3.281 dB
1,0000%	5.391 dB
0,1000%	6.656 dB
0,0100%	7.500 dB
0,0010%	8.156 dB
0,0001%	8.578 dB

Go To Local
Show Remote Screen

**1.8. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8,  
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**1.9. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9,  
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2534.9	0.1	6.61	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2534.90000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count		Probability	
Sample Count	999512	10,000%	3.328 dB
Sample Time	20.000 ms	1,0000%	5.344 dB
Avg Power	15.139 dBm	0,1000%	6.609 dB
Max Power	23.634 dBm	0,0100%	7.500 dB
PAR	8.496 dB	0,0010%	8.156 dB
		0,0001%	8.484 dB

Go To Local
Show Remote Screen

**1.10. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2534.9	0.1	7.12	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS
Power

Frequency: 2534.90000 Ref. Level: 30.00 Connector:RF4COM
RDY

Statistic Count	Value
Sample Count	1023460
Sample Time	20.479 ms
Avg Power	14.163 dBm
Max Power	23.728 dBm
PAR	9.565 dB

Probability	Value
10,000%	3.469 dB
1,0000%	5.766 dB
0,1000%	7.125 dB
0,0100%	8.016 dB
0,0010%	8.813 dB
0,0001%	9.422 dB

Go To Local
Show Remote Screen

**1.11. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.56	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

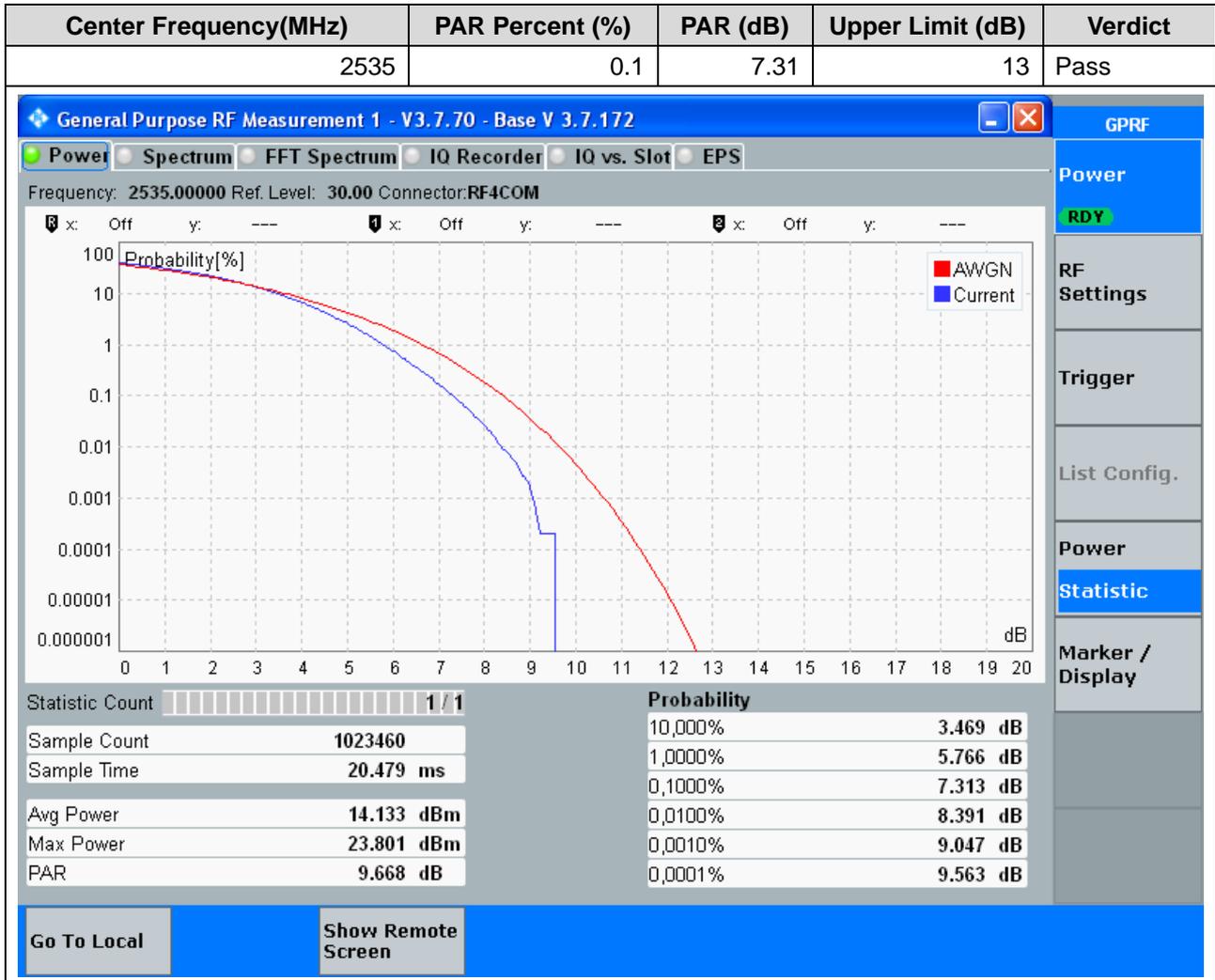
Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	
Sample Count	999513
Sample Time	20.000 ms
Avg Power	15.140 dBm
Max Power	23.720 dBm
PAR	8.580 dB

Probability	
10,000%	3.328 dB
1,0000%	5.297 dB
0,1000%	6.563 dB
0,0100%	7.500 dB
0,0010%	8.109 dB
0,0001%	8.531 dB

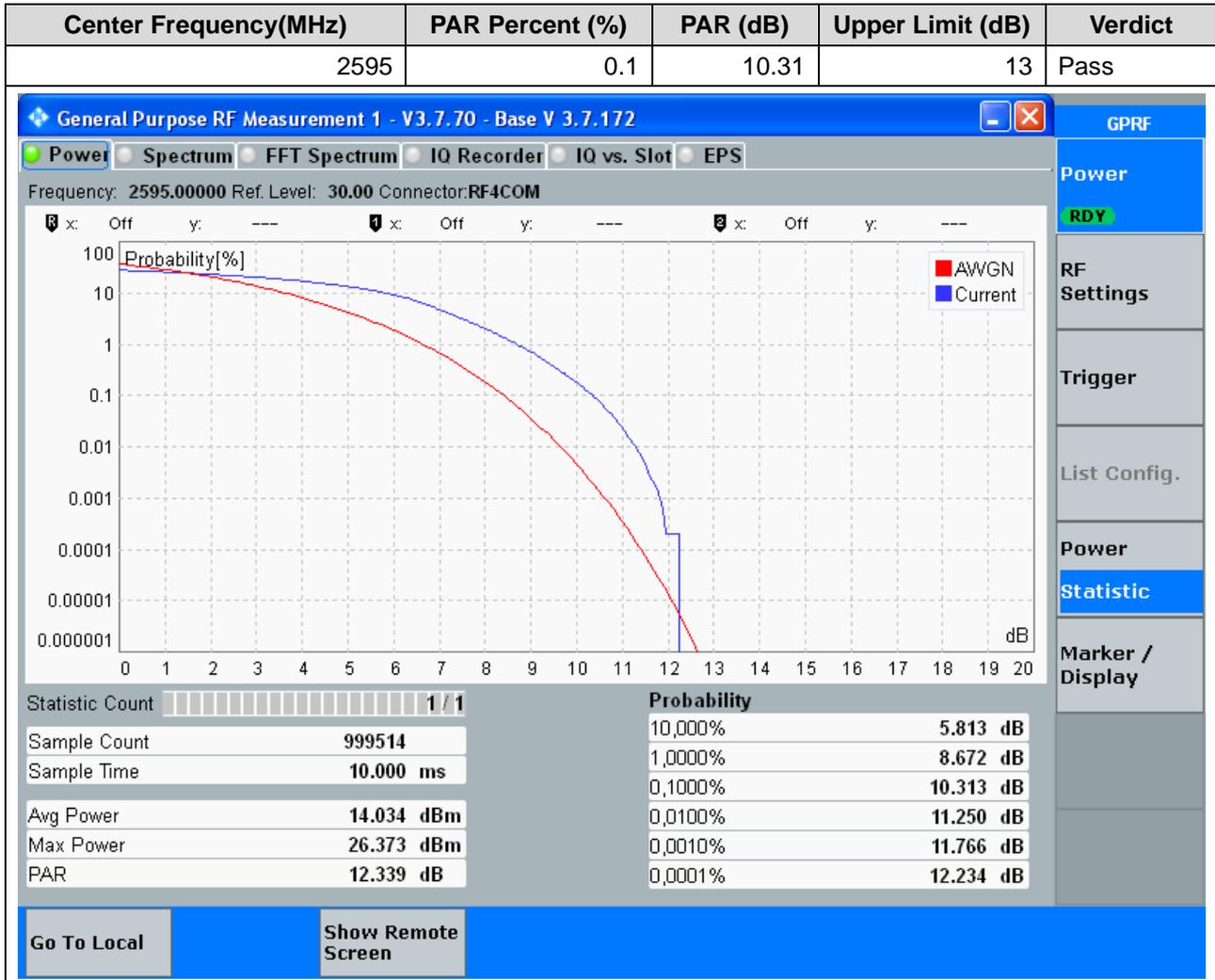
Go To Local
Show Remote Screen

**1.12. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

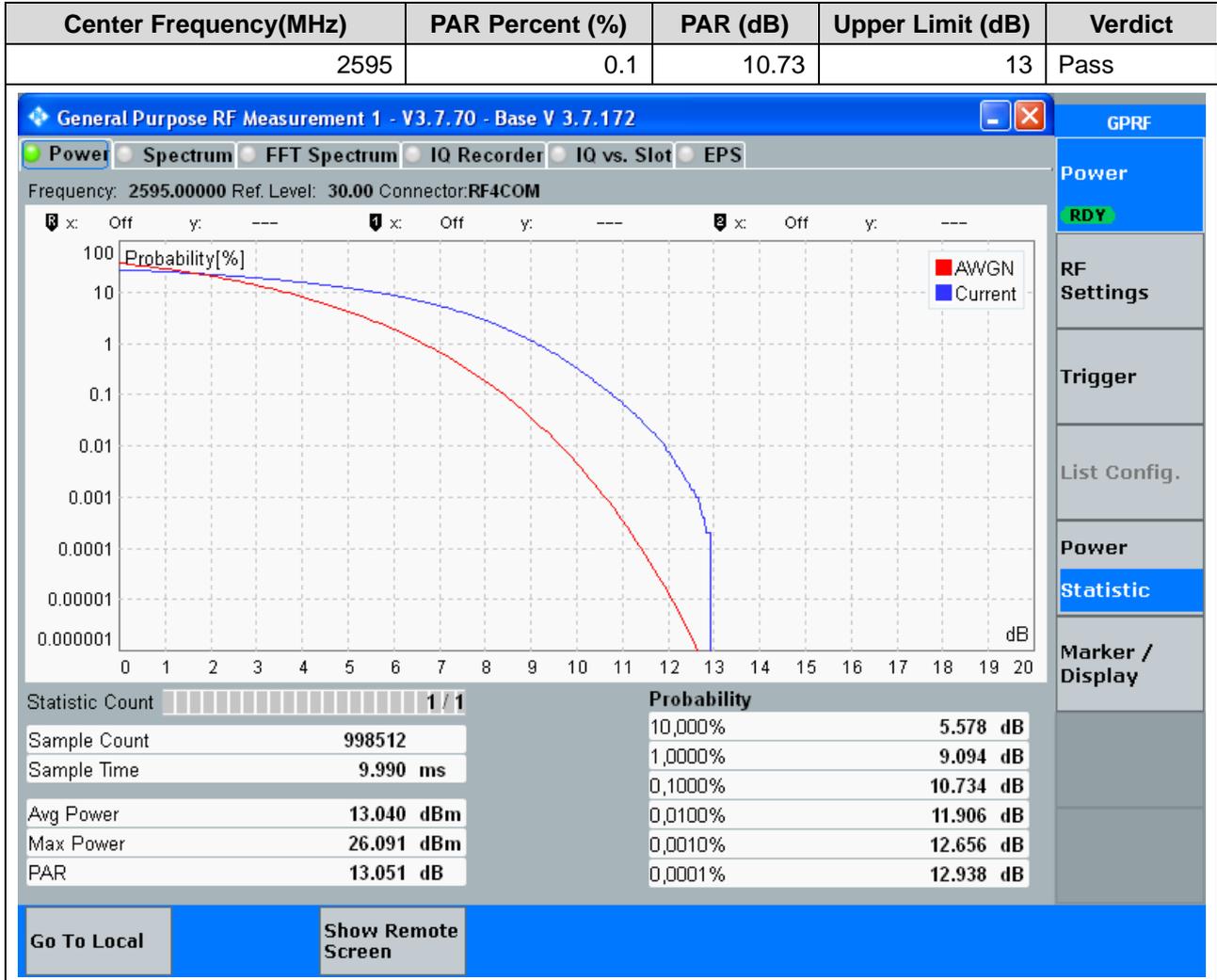


### 3. CA\_38C

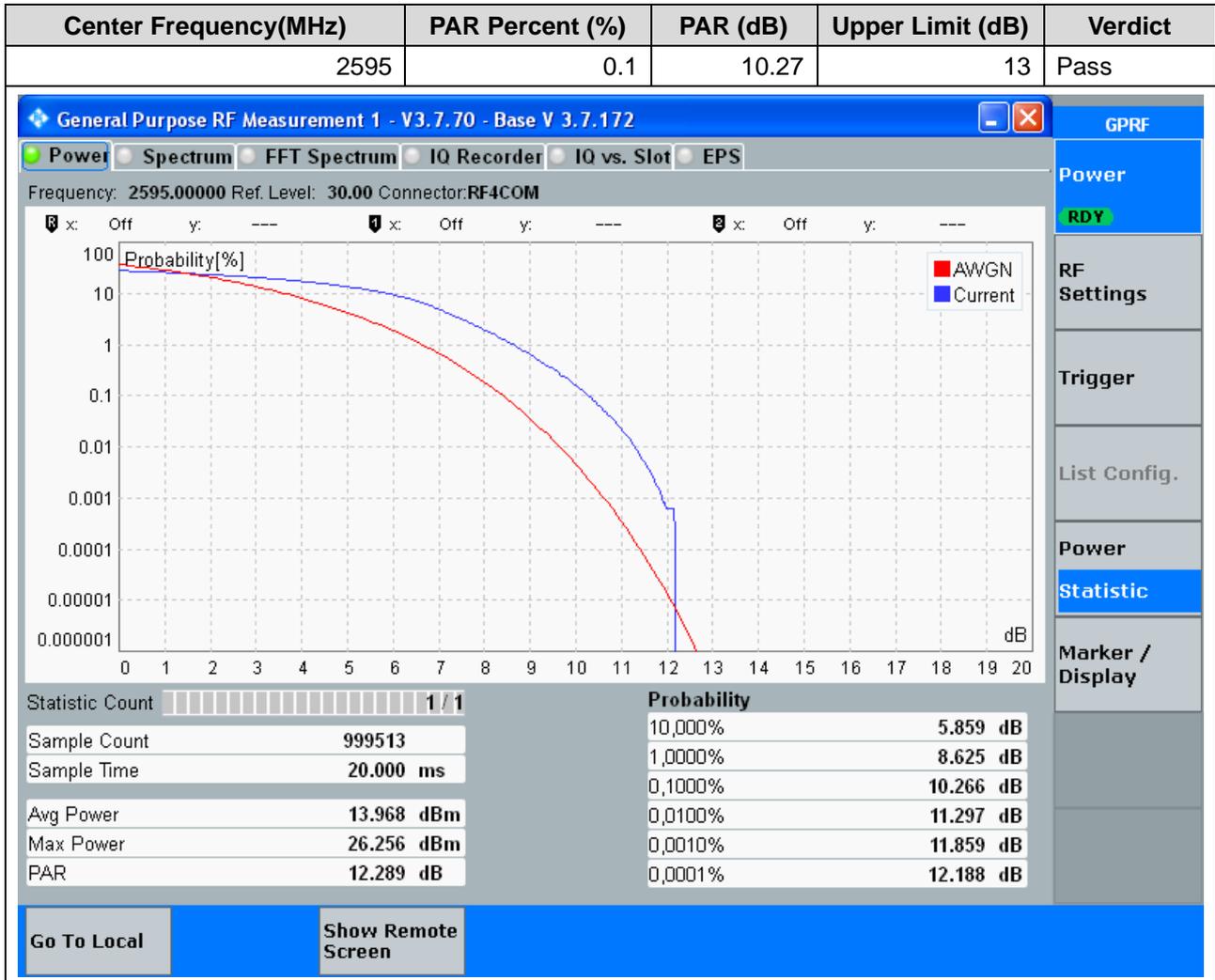
3.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



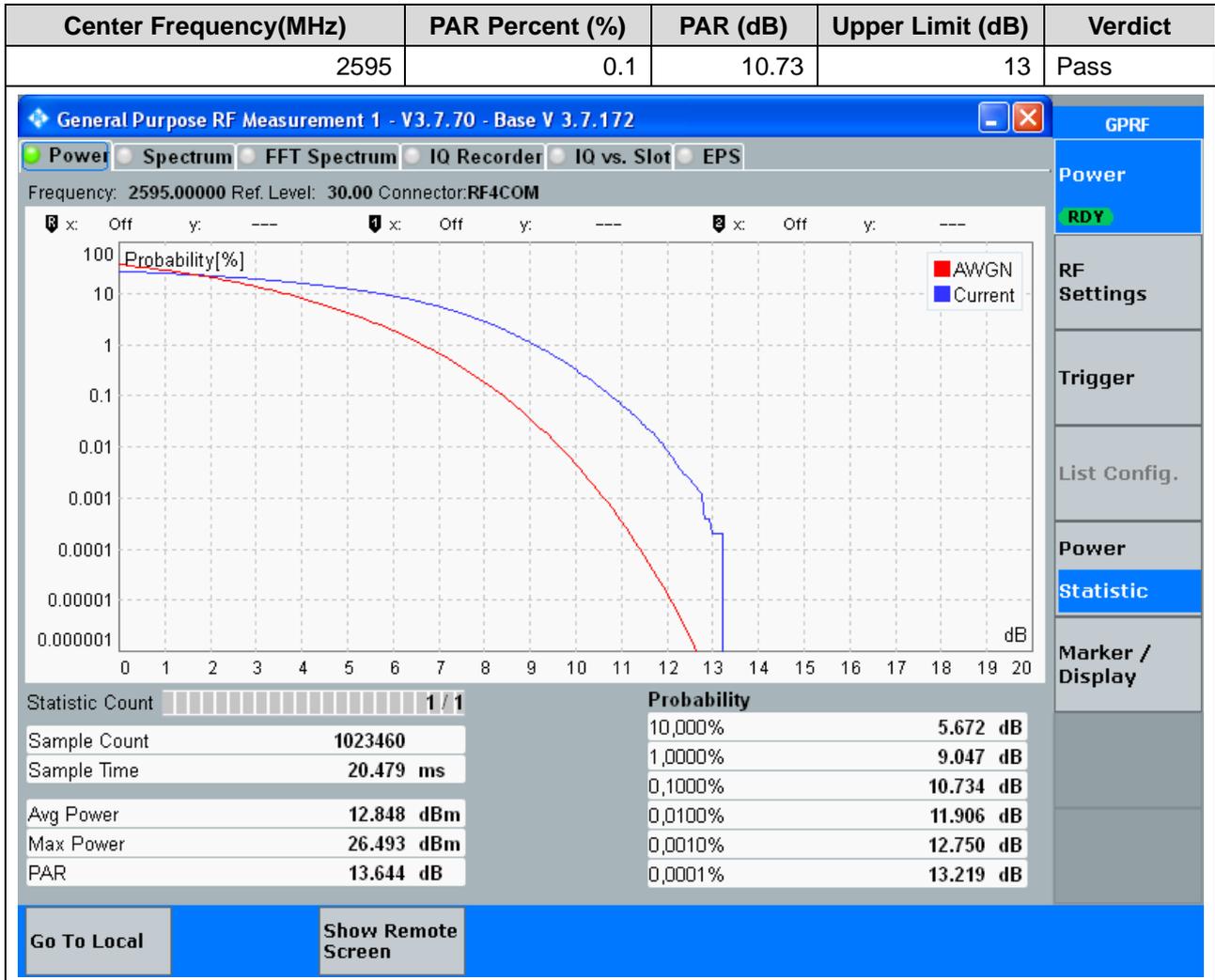
**3.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



**3.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3,  
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

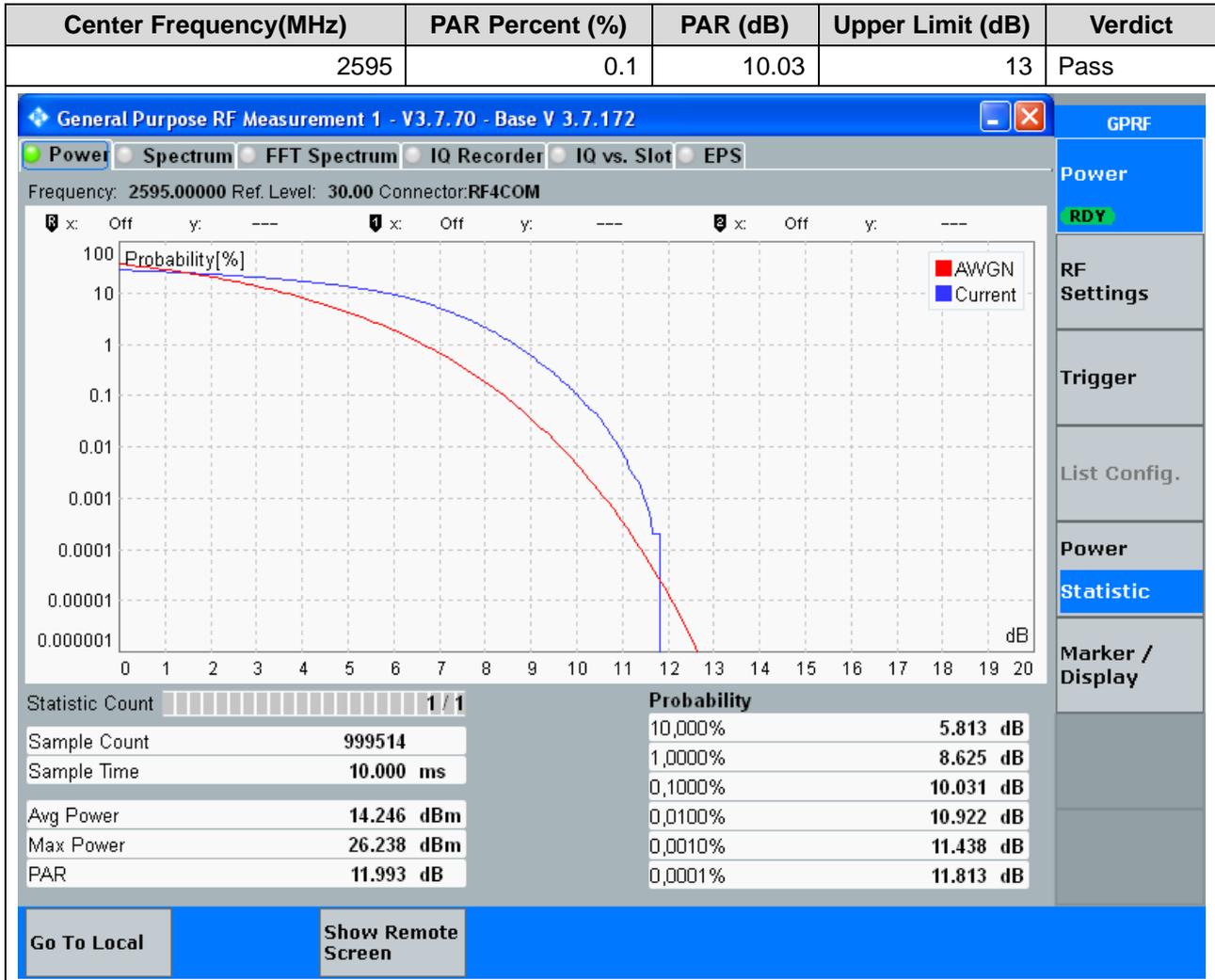


**3.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**

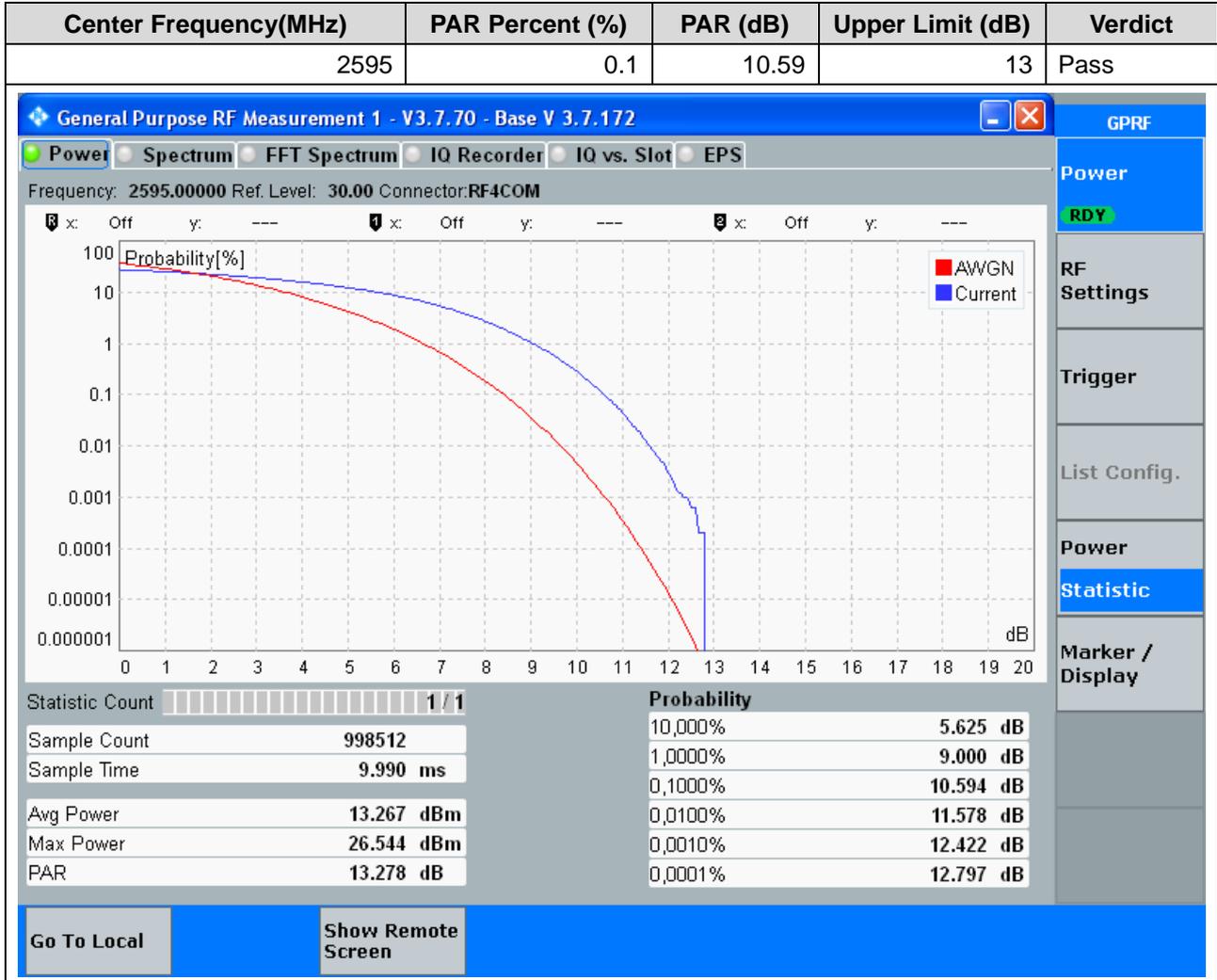


## 6. CA\_41C\_2535-2655

6.18. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:40544|40661, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**6.19. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:40544|40661, Bandwidth:5|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



**6.20. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:40619|40736, Bandwidth:20|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	10.03	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

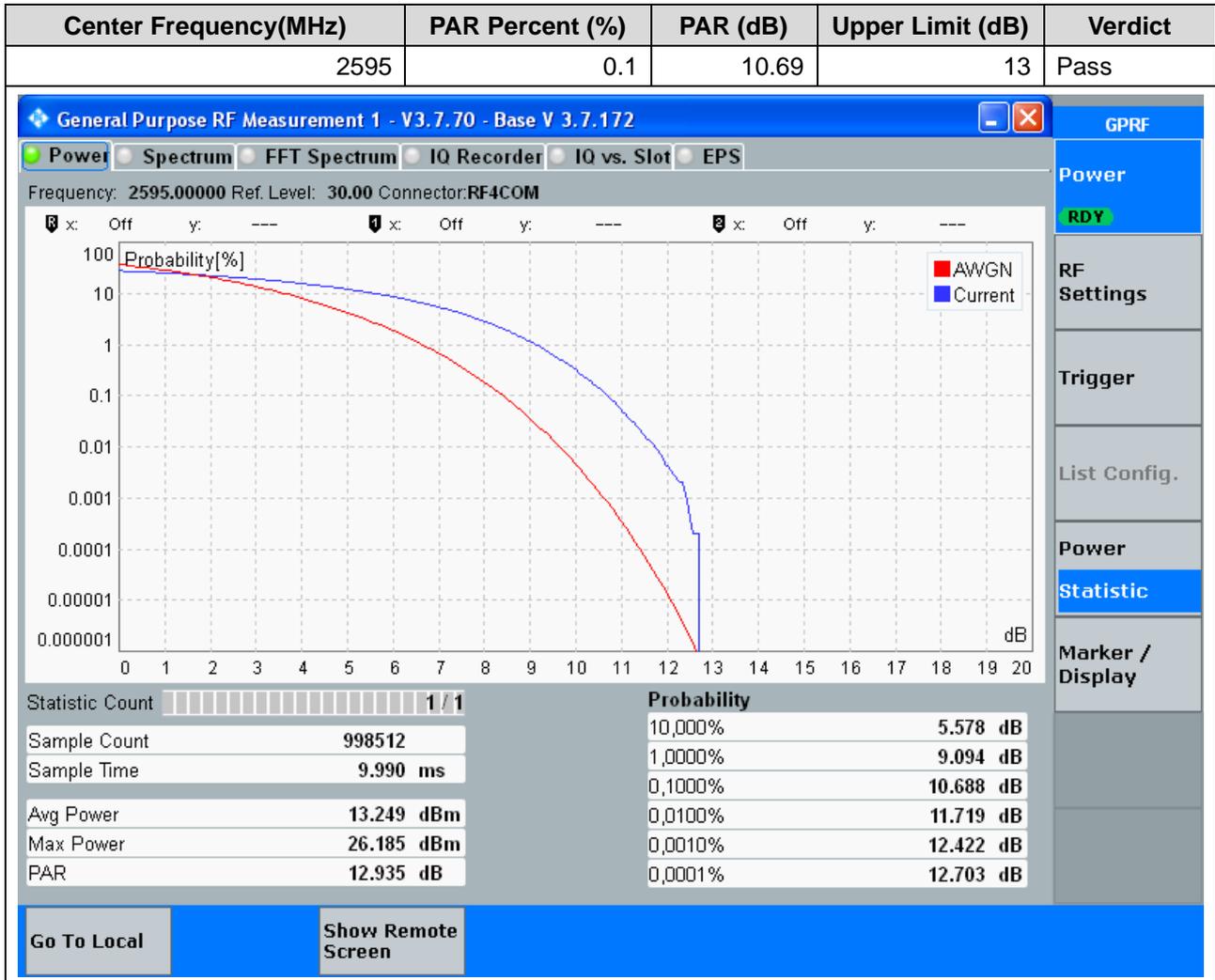
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2595.00000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count		Probability	
Sample Count	999512	10,000%	5.766 dB
Sample Time	10.000 ms	1,0000%	8.672 dB
Avg Power	14.263 dBm	0,1000%	10.031 dB
Max Power	26.270 dBm	0,0010%	11.438 dB
PAR	12.007 dB	0,0001%	11.859 dB

Go To Local
Show Remote Screen

**6.21. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:40619|40736, Bandwidth:20|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



**6.22. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:40543|40687, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	10.03	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 2595.00000 Ref. Level: 30.00 Connector:RF4COM

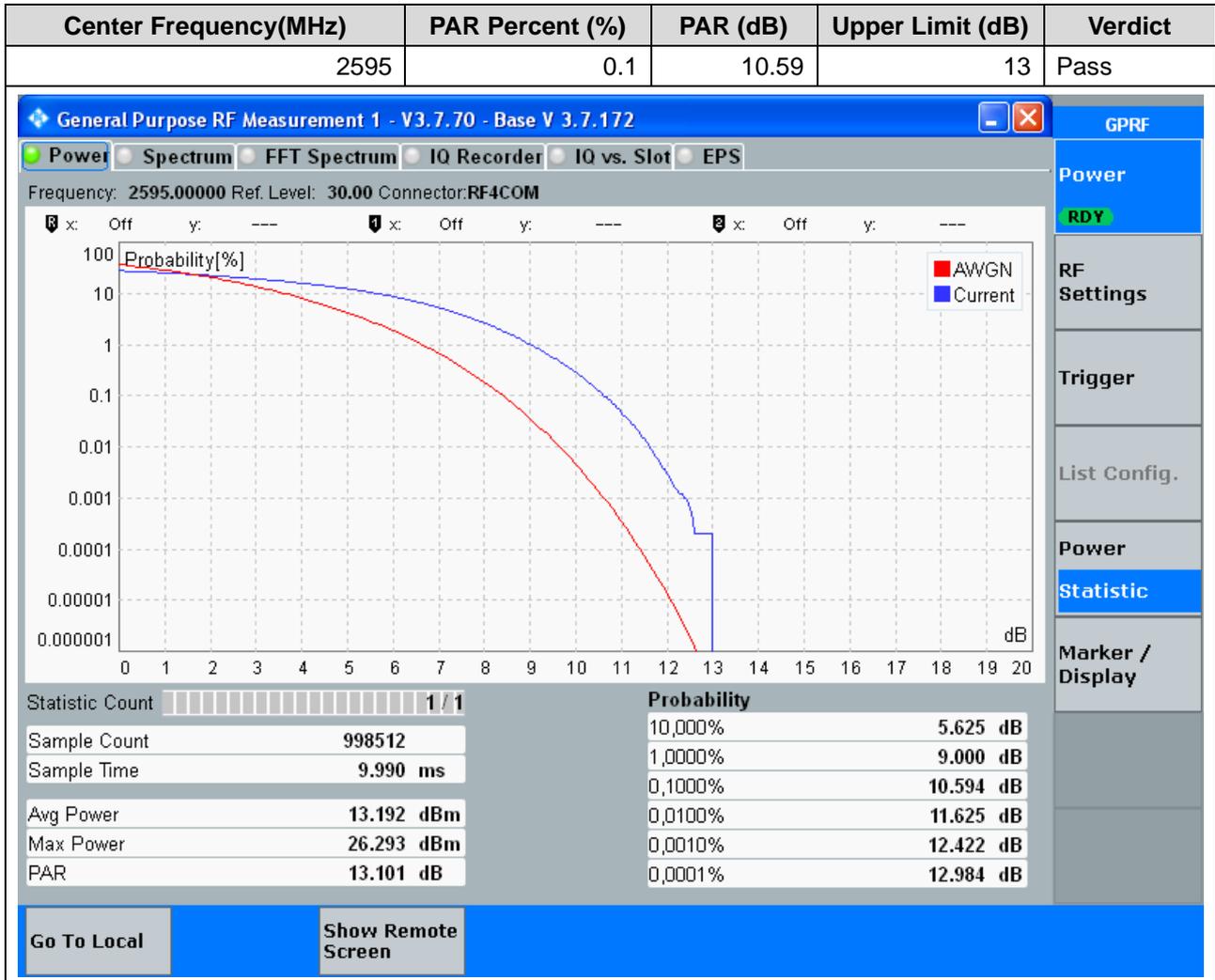
x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count	
Sample Count	999512
Sample Time	10.000 ms
Avg Power	14.181 dBm
Max Power	26.249 dBm
PAR	12.069 dB

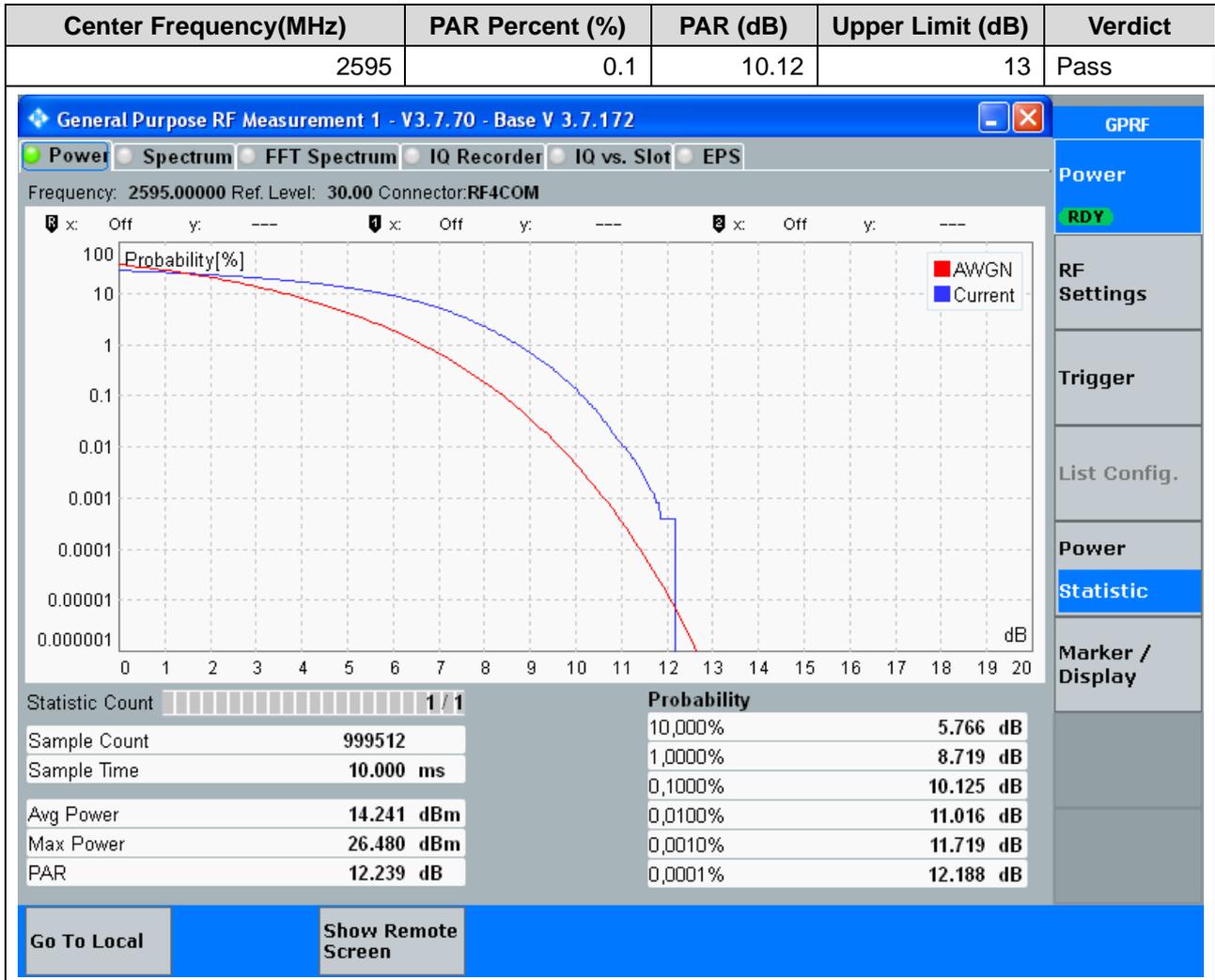
Probability	
10,000%	5.766 dB
1,0000%	8.578 dB
0,1000%	10.031 dB
0,0100%	10.969 dB
0,0010%	11.578 dB
0,0001%	12.000 dB

Go To Local
Show Remote Screen

**6.23. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6,  
Channel:40543|40687, Bandwidth:10|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**6.24. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:40593|40737, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



**6.25. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:40593|40737, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	10.64	13	Pass

**General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172**  
 Frequency: 2595.00000 Ref. Level: 30.00 Connector:RF4COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count <span style="float: right;">1 / 1</span>	<b>Probability</b>
Sample Count <b>998512</b>	10,000% <b>5.578 dB</b>
Sample Time <b>9.990 ms</b>	1,0000% <b>9.094 dB</b>
Avg Power <b>13.175 dBm</b>	0,1000% <b>10.641 dB</b>
Max Power <b>26.105 dBm</b>	0,0010% <b>12.422 dB</b>
PAR <b>12.930 dB</b>	0,0001% <b>12.797 dB</b>

Go To Local
Show Remote Screen

**Power**

**RDY**

RF Settings

Trigger

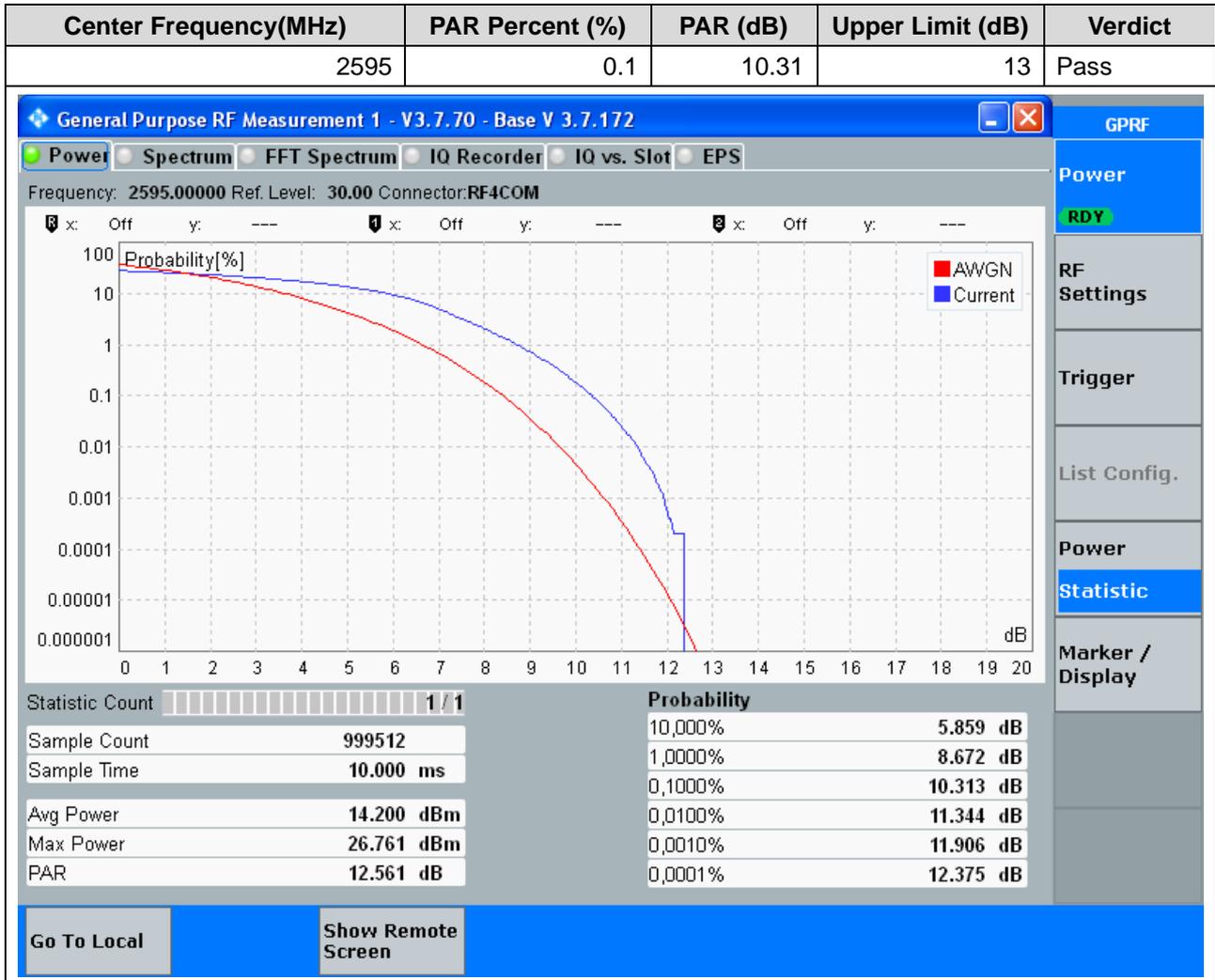
List Config.

Power

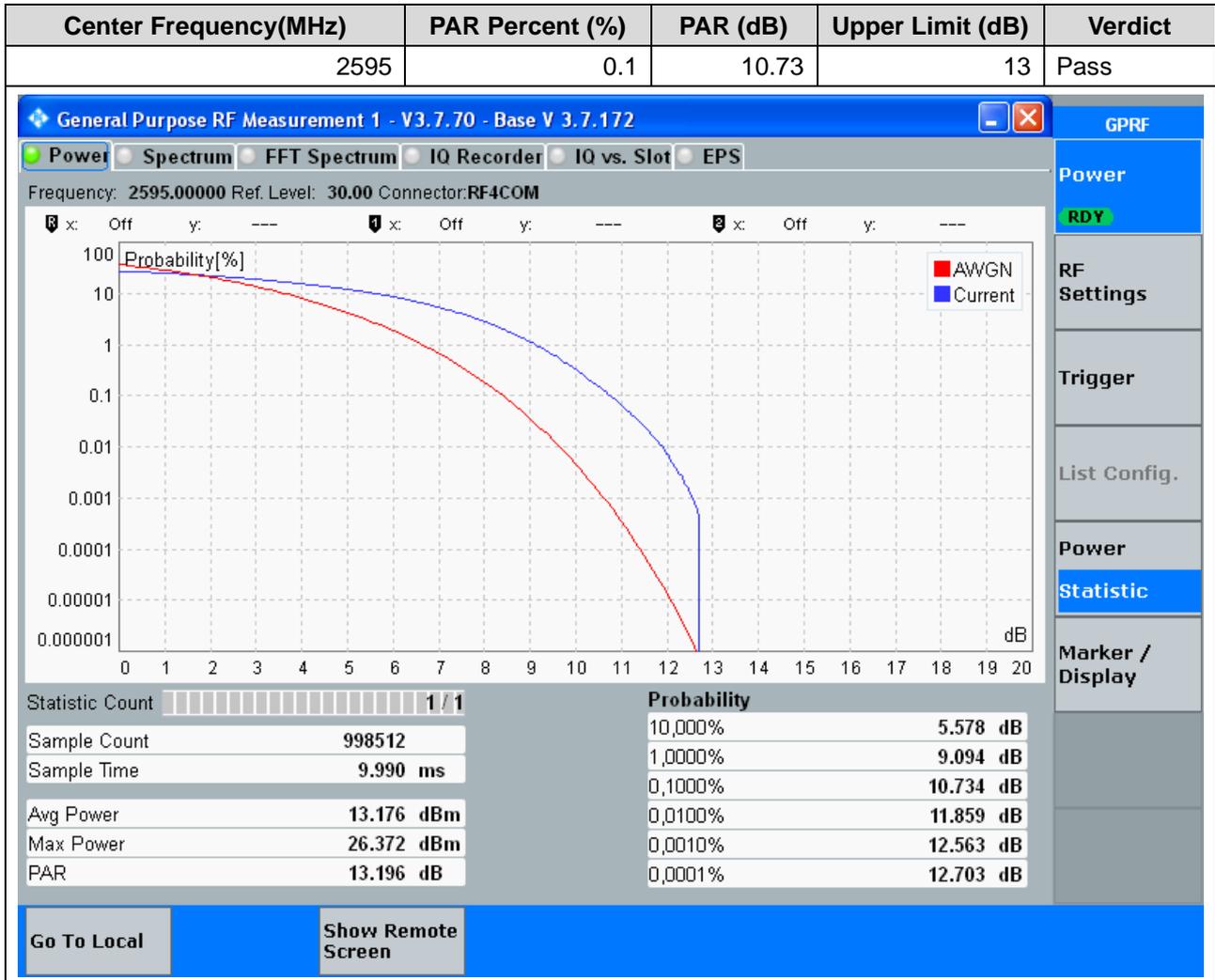
**Statistic**

Marker / Display

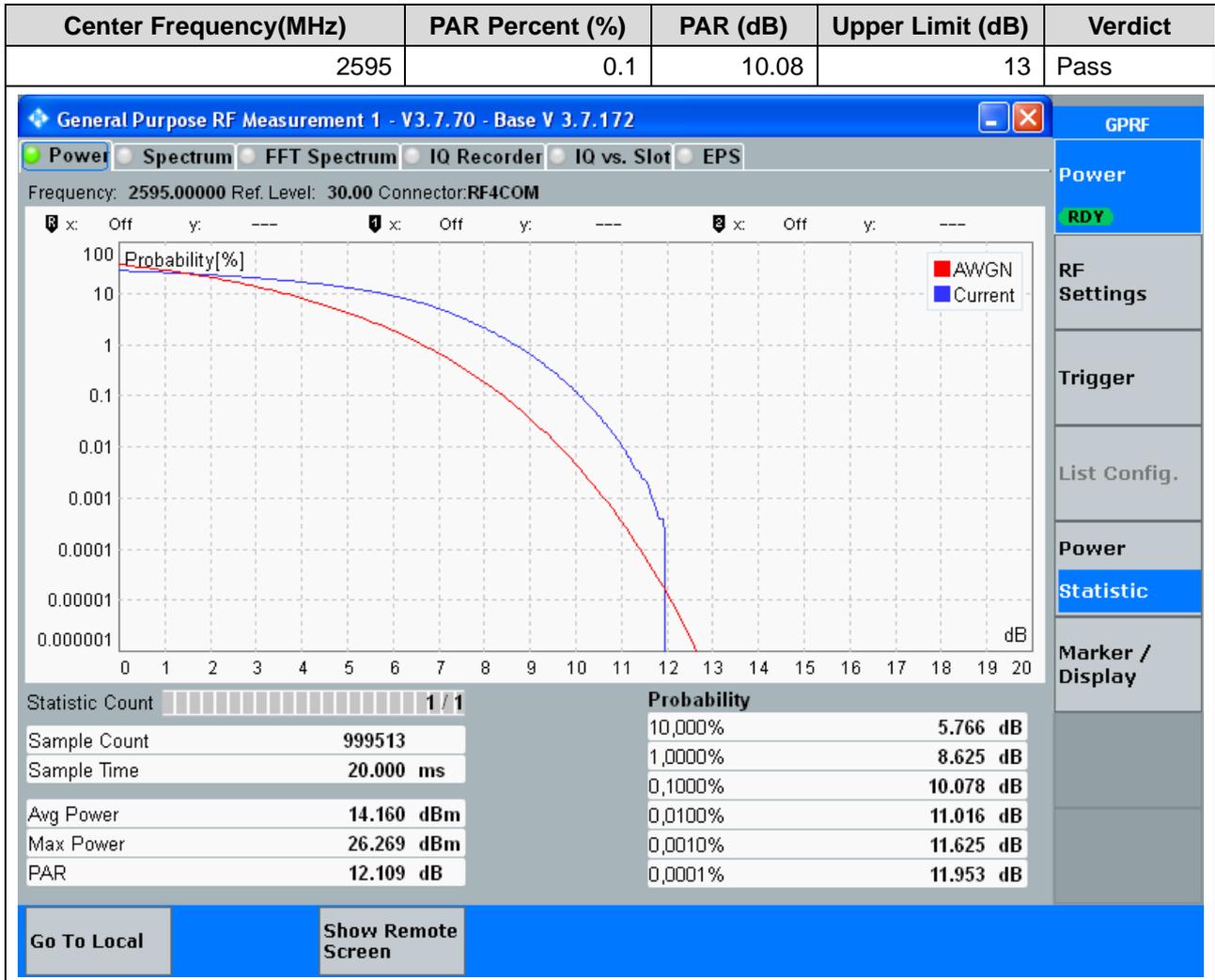
**6.26. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:40565|40715, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



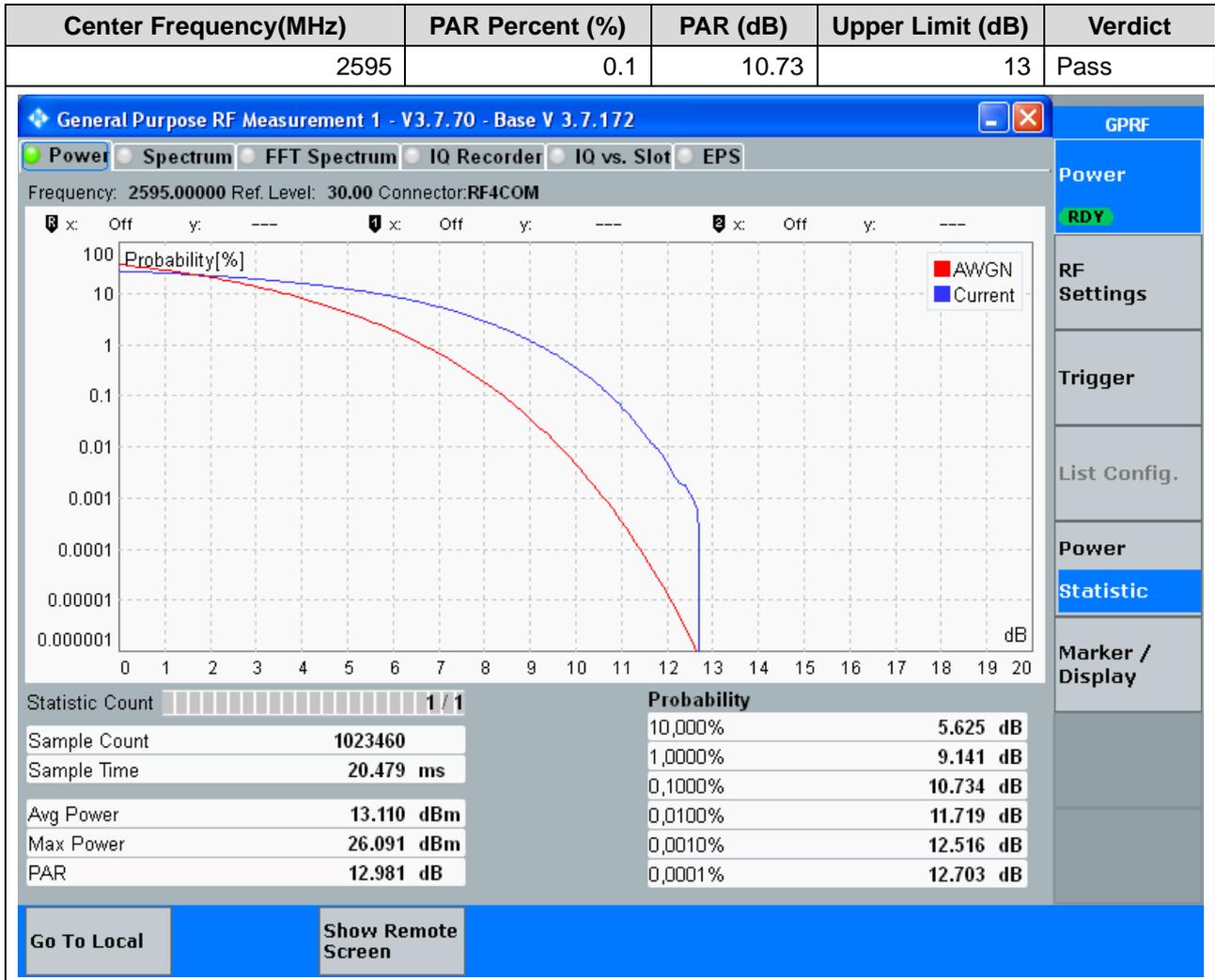
**6.27. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:40565|40715, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



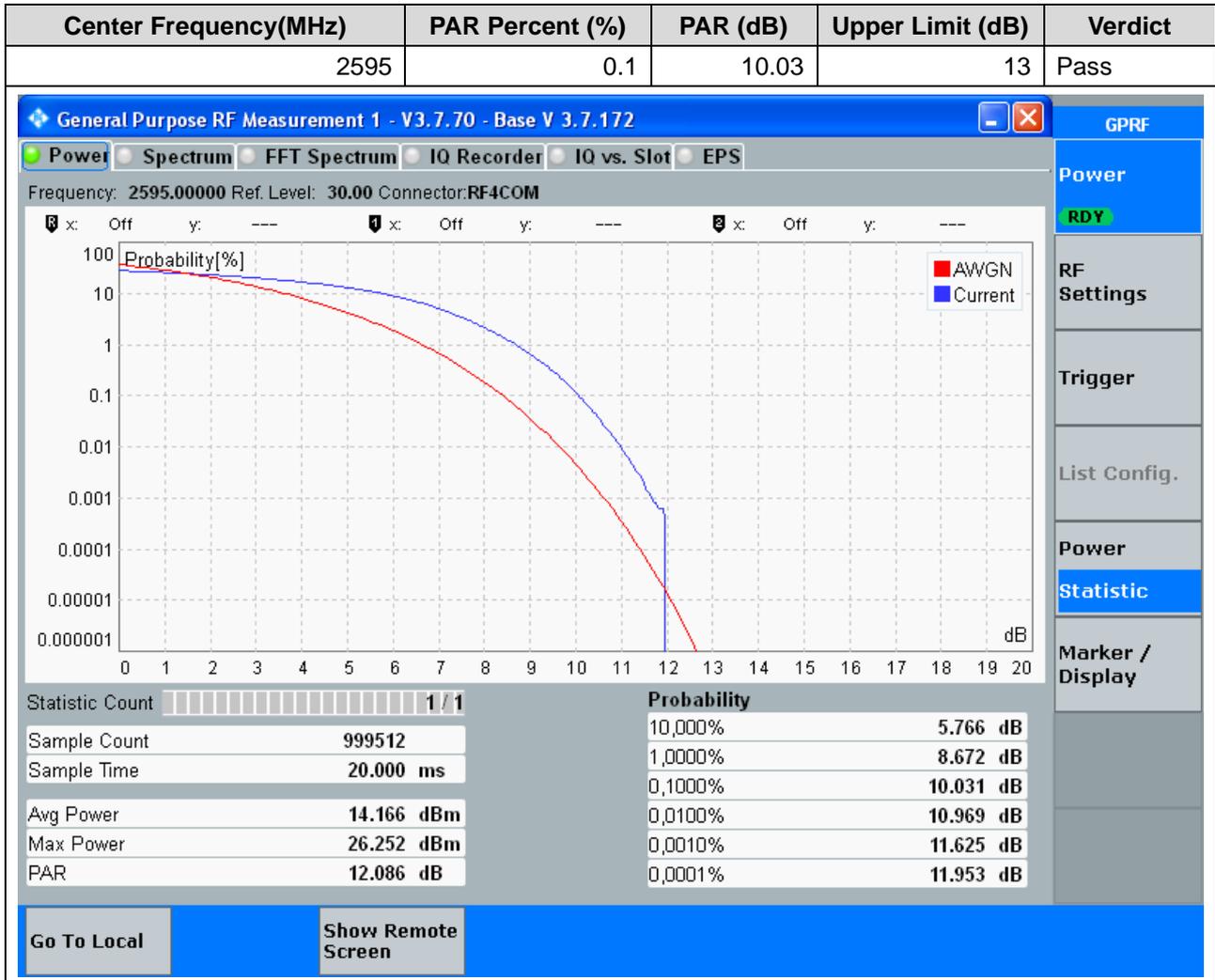
**6.28. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:40542|40713, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



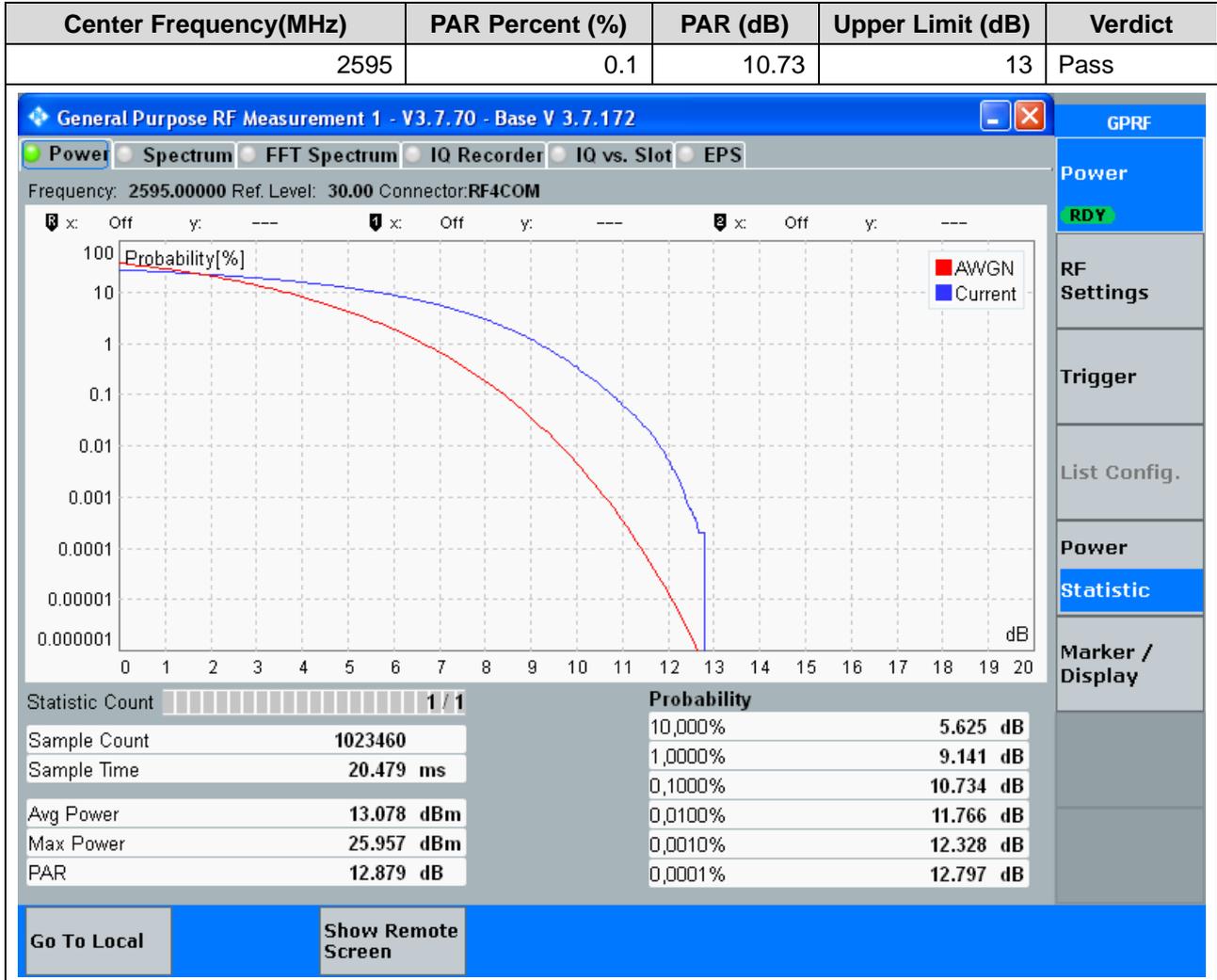
**6.29. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:40542|40713, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



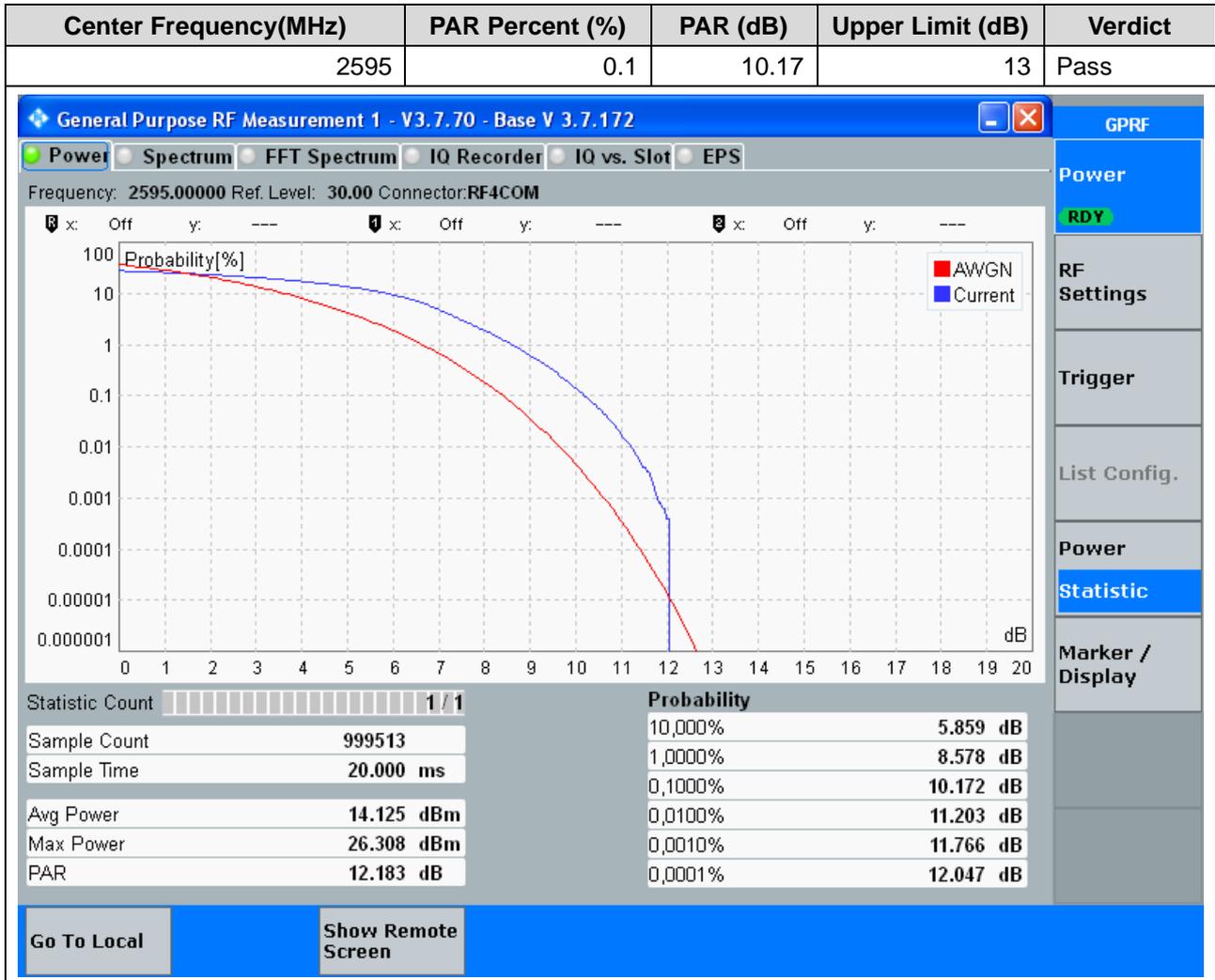
**6.30. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:13, Channel:40567|40738, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



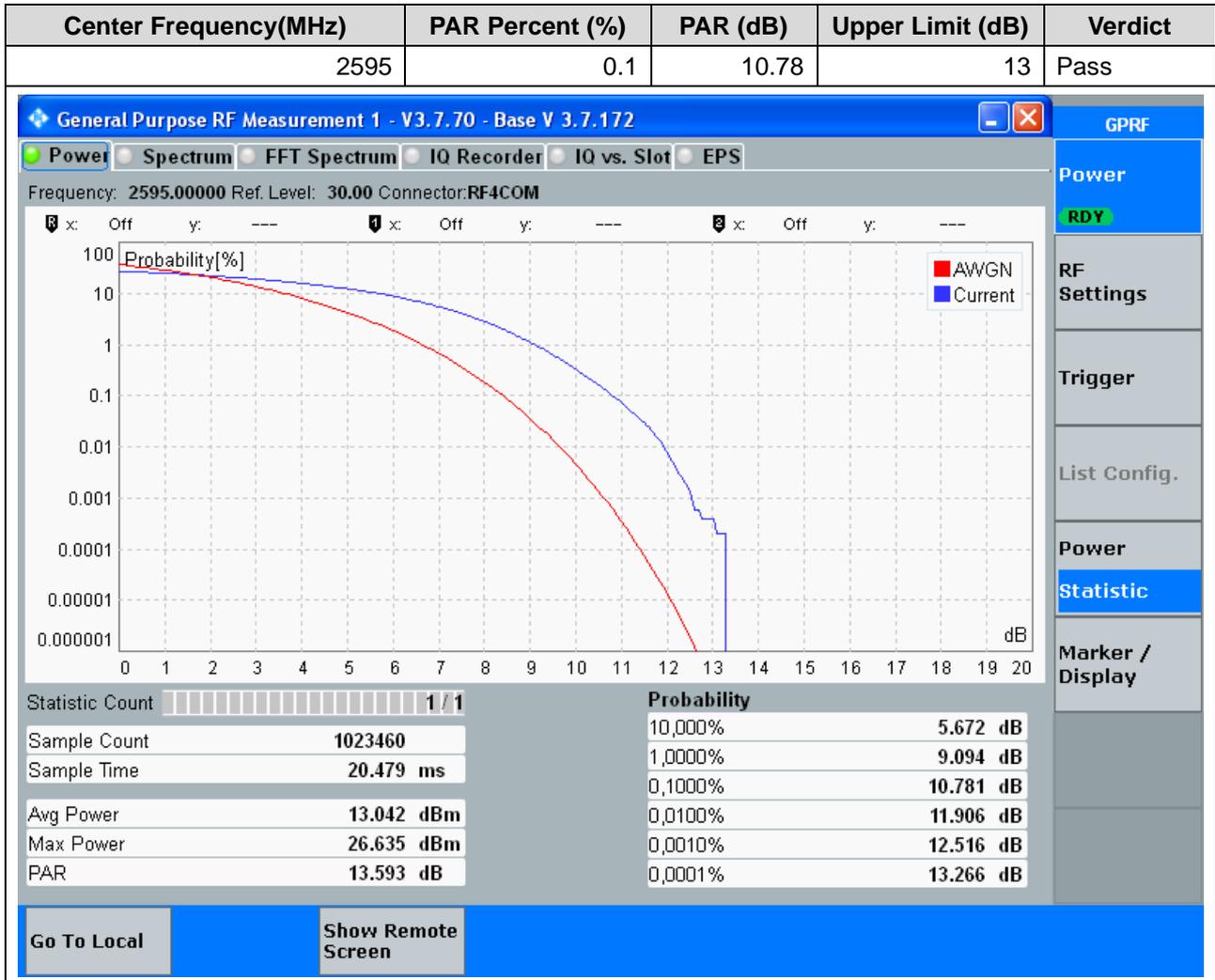
**6.31. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:14, Channel:40567|40738, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



**6.32. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:15, Channel:40541|40739, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

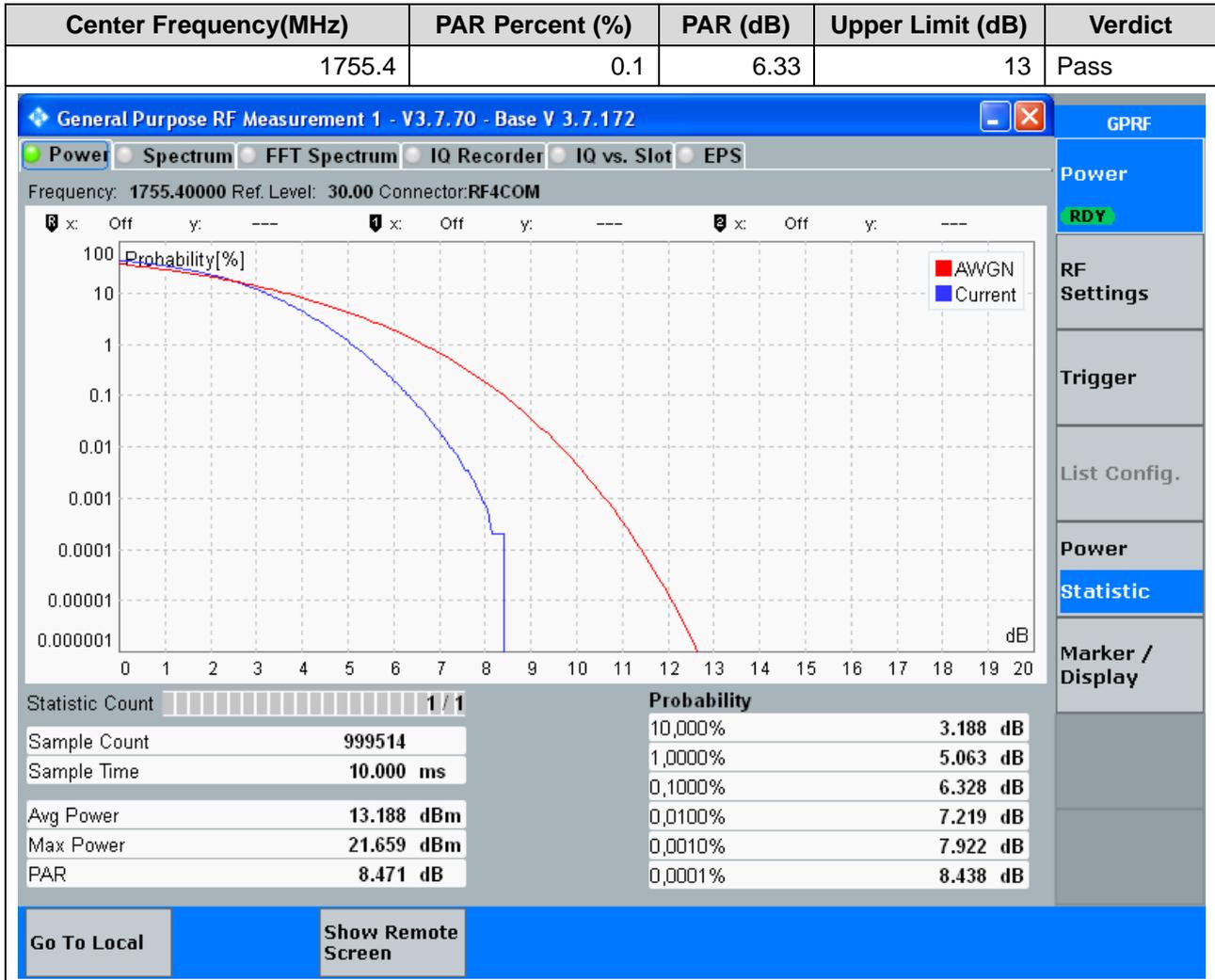


**6.33. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:16, Channel:40541|40739, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



## 2. CA\_66C

2.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1,  
Channel:132330|132447, Bandwidth:5|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)



**2.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:132330|132447, Bandwidth:5|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1755.4	0.1	6.84	13	Pass

**General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172**

Frequency: 1755.40000 Ref. Level: 30.00 Connector:RF4COM

GPRF

Power **RDY**

RF Settings

Trigger

List Config.

Power **Statistic**

Marker / Display

Probability[%]

Legend: AWGN (red), Current (blue)

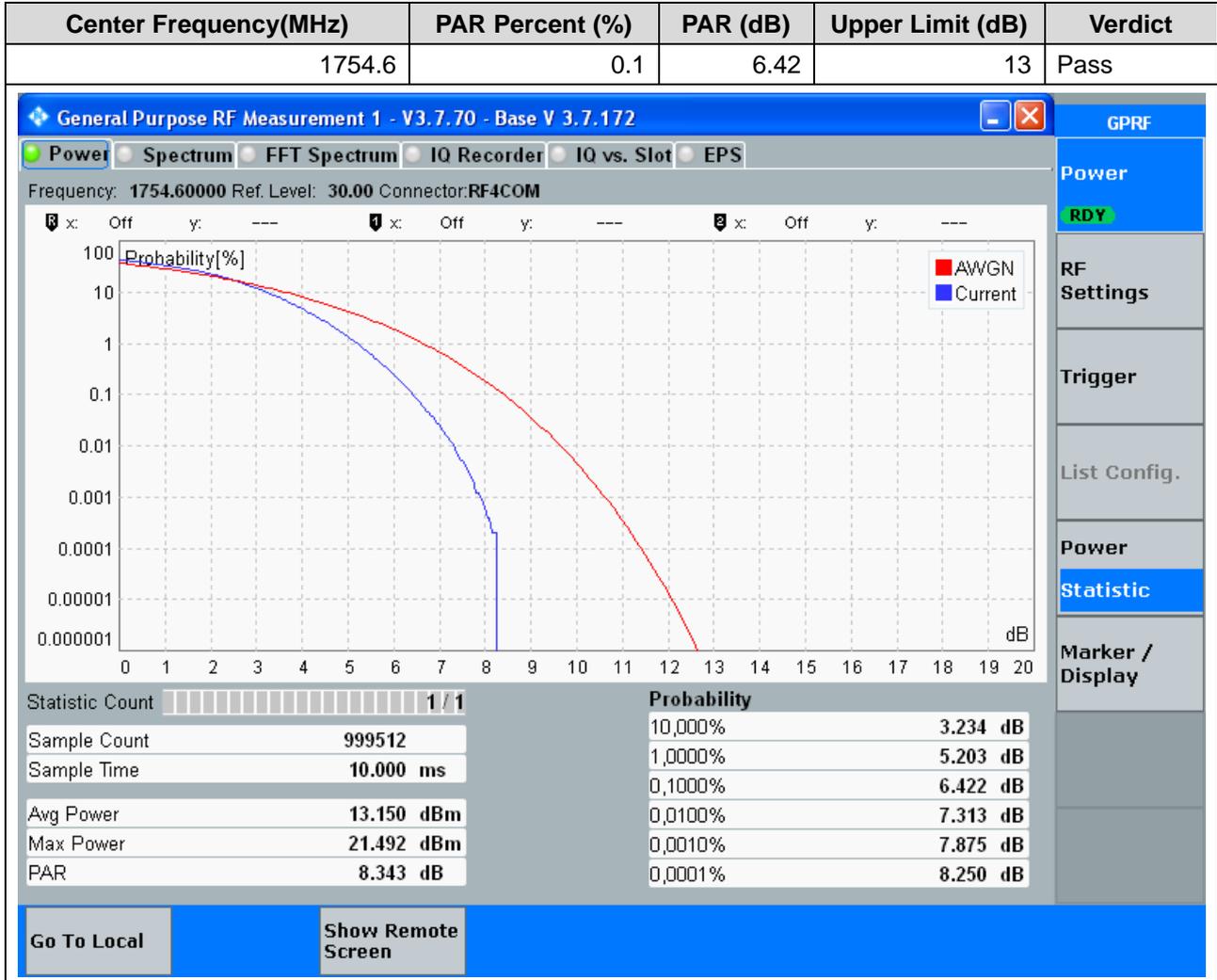
Statistic Count	Value
Sample Count	998512
Sample Time	9.990 ms
Avg Power	12.164 dBm
Max Power	21.402 dBm
PAR	9.238 dB

Probability	Value
10,000%	3.375 dB
1,0000%	5.531 dB
0,1000%	6.844 dB
0,0100%	7.781 dB
0,0010%	8.484 dB
0,0001%	8.953 dB

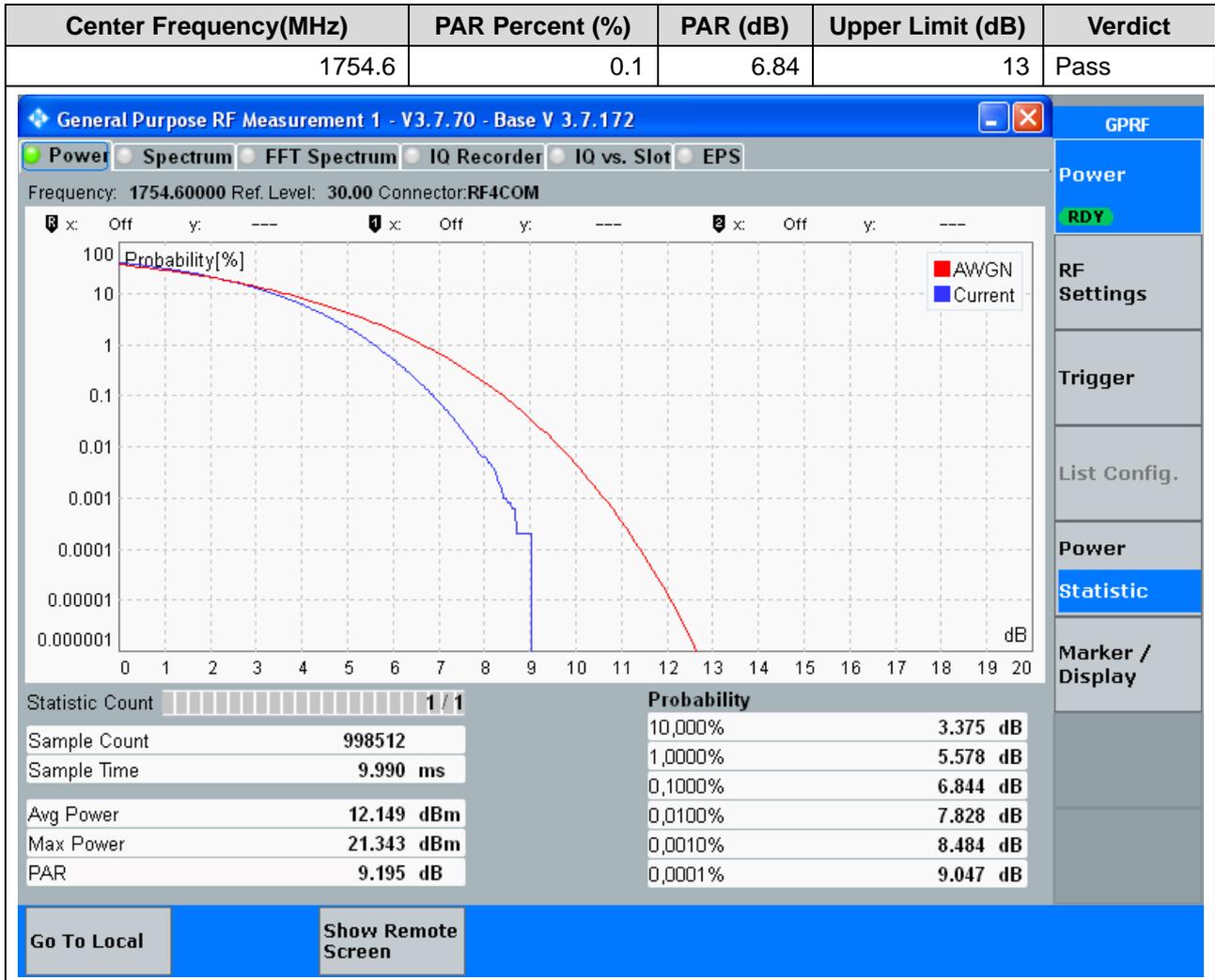
Go To Local

Show Remote Screen

**2.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3,  
Channel:132397|132514, Bandwidth:20|5MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



**2.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:132397|132514, Bandwidth:20|5MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**2.5. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5,  
Channel:132351|132471, Bandwidth:10|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1755.15	0.1	6.37	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1755.15000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	13.185 dBm
Max Power	21.641 dBm
PAR	8.456 dB

Probability	
10,000%	3.188 dB
1,0000%	5.109 dB
0,1000%	6.375 dB
0,0100%	7.313 dB
0,0010%	7.969 dB
0,0001%	8.344 dB

Go To Local
Show Remote Screen

**2.6. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6,  
Channel:132351|132471, Bandwidth:10|15MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1755.15	0.1	6.89	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1755.15000 Ref. Level: 30.00 Connector:RF4COM

x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	12.167 dBm
Max Power	21.321 dBm
PAR	9.154 dB

Probability	
10,000%	3.375 dB
1,0000%	5.578 dB
0,1000%	6.891 dB
0,0100%	7.828 dB
0,0010%	8.672 dB
0,0001%	9.094 dB

Go To Local
Show Remote Screen

**2.7. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:132373|132493, Bandwidth:15|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1754.85	0.1	6.56	13	Pass

**General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172**

Frequency: 1754.85000 Ref. Level: 30.00 Connector:RF4COM

GPRF

Power **RDY**

RF Settings

Trigger

List Config.

Power

**Statistic**

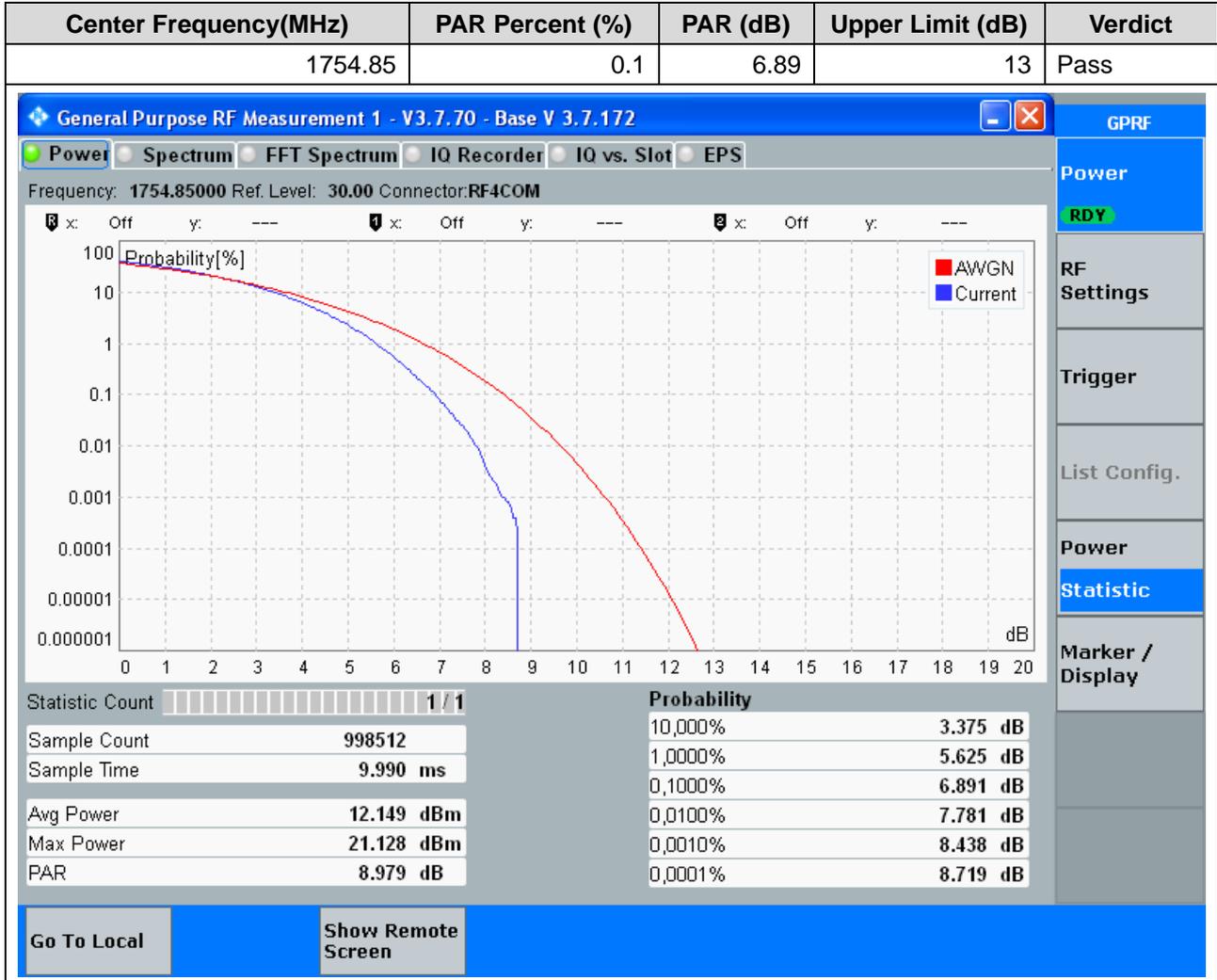
Marker / Display

Power 
  Spectrum 
  FFT Spectrum 
  IQ Recorder 
  IQ vs. Slot 
  EPS

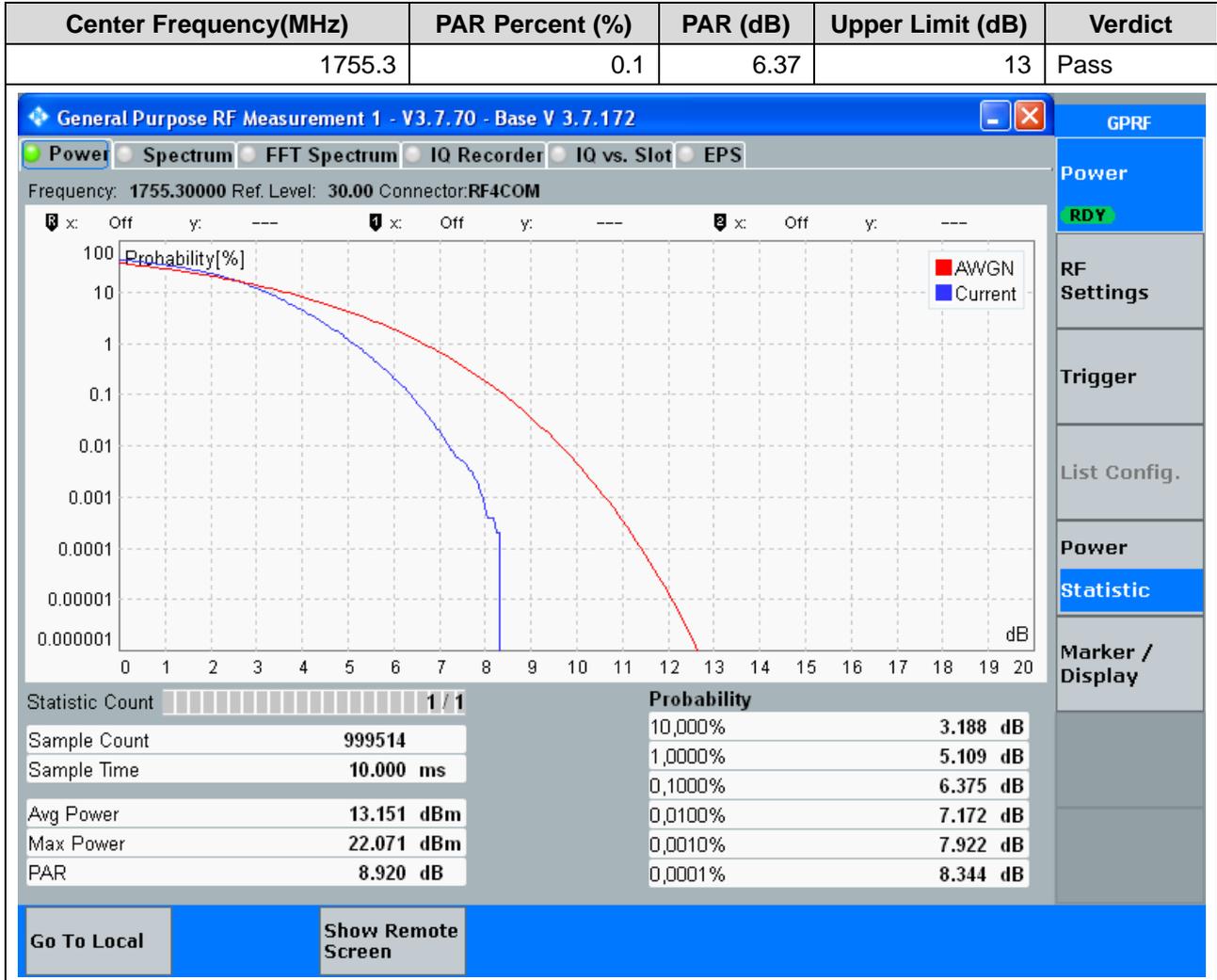
Statistic Count	1 / 1	Probability	
Sample Count	999514	10,000%	3.234 dB
Sample Time	10.000 ms	1,0000%	5.250 dB
Avg Power	13.158 dBm	0,1000%	6.563 dB
Max Power	21.768 dBm	0,0010%	8.109 dB
PAR	8.611 dB	0,0001%	8.531 dB

Go To Local
Show Remote Screen

**2.8. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8,  
Channel:132373|132493, Bandwidth:15|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**2.9. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9,  
Channel:132328|132472, Bandwidth:10|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



**2.10. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:132328|132472, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1755.3	0.1	6.84	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1755.30000 Ref. Level: 30.00 Connector:RF4COM

x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	12.143 dBm
Max Power	21.491 dBm
PAR	9.348 dB

Probability	
10,000%	3.328 dB
1,0000%	5.531 dB
0,1000%	6.844 dB
0,0100%	7.828 dB
0,0010%	8.625 dB
0,0001%	9.188 dB

Go To Local
Show Remote Screen

**2.11. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:132373|132517, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1754.8	0.1	6.47	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS
Power

Frequency: 1754.80000 Ref. Level: 30.00 Connector:RF4COM

x: Off y: --- x: Off y: --- x: Off y: ---

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	13.121 dBm
Max Power	21.552 dBm
PAR	8.431 dB

Probability	
10,000%	3.234 dB
1,0000%	5.250 dB
0,1000%	6.469 dB
0,0100%	7.359 dB
0,0010%	7.969 dB
0,0001%	8.250 dB

Go To Local
Show Remote Screen

**2.12. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:132373|132517, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1754.8	0.1	6.89	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

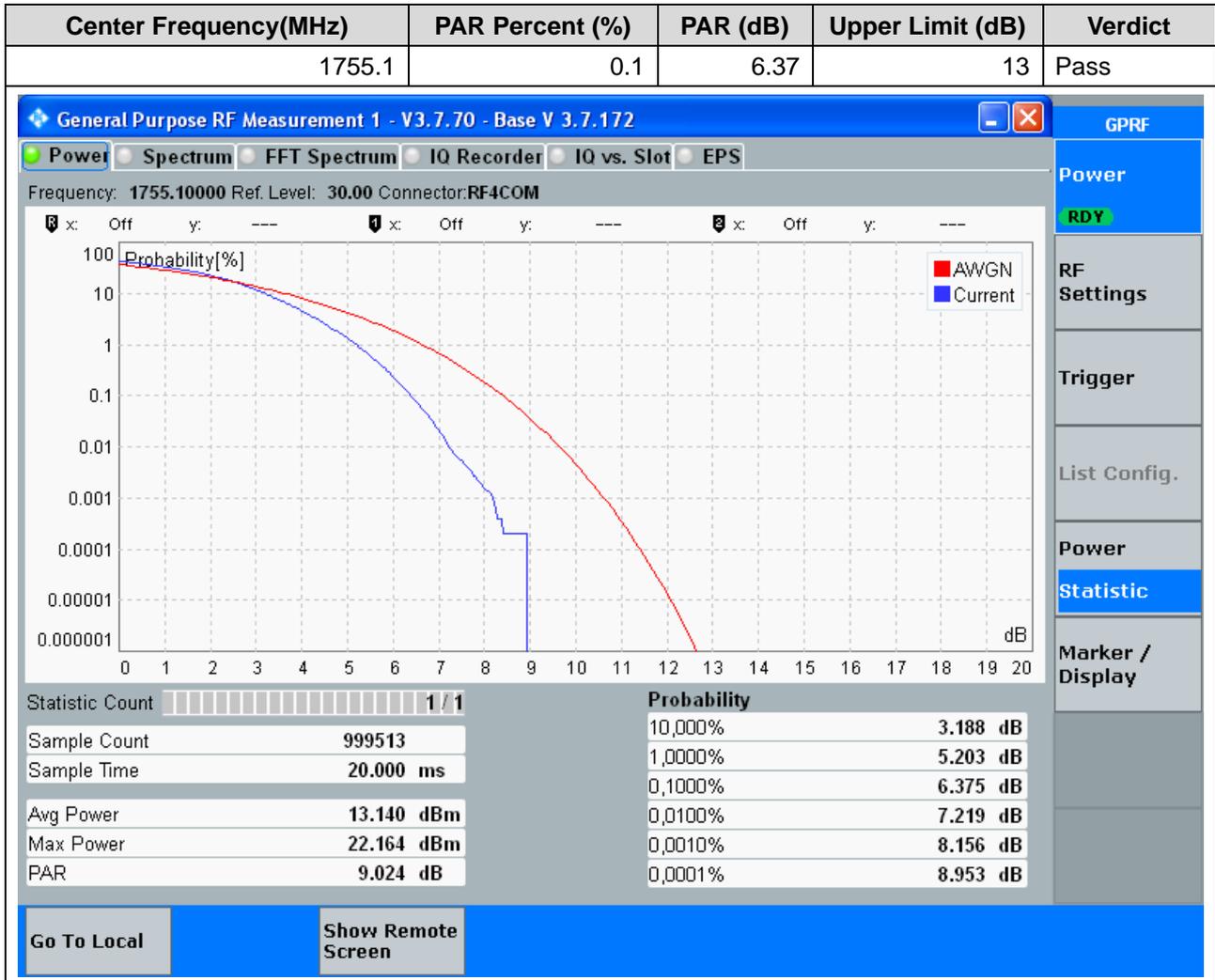
Frequency: 1754.80000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	12.128 dBm
Max Power	21.324 dBm
PAR	9.196 dB

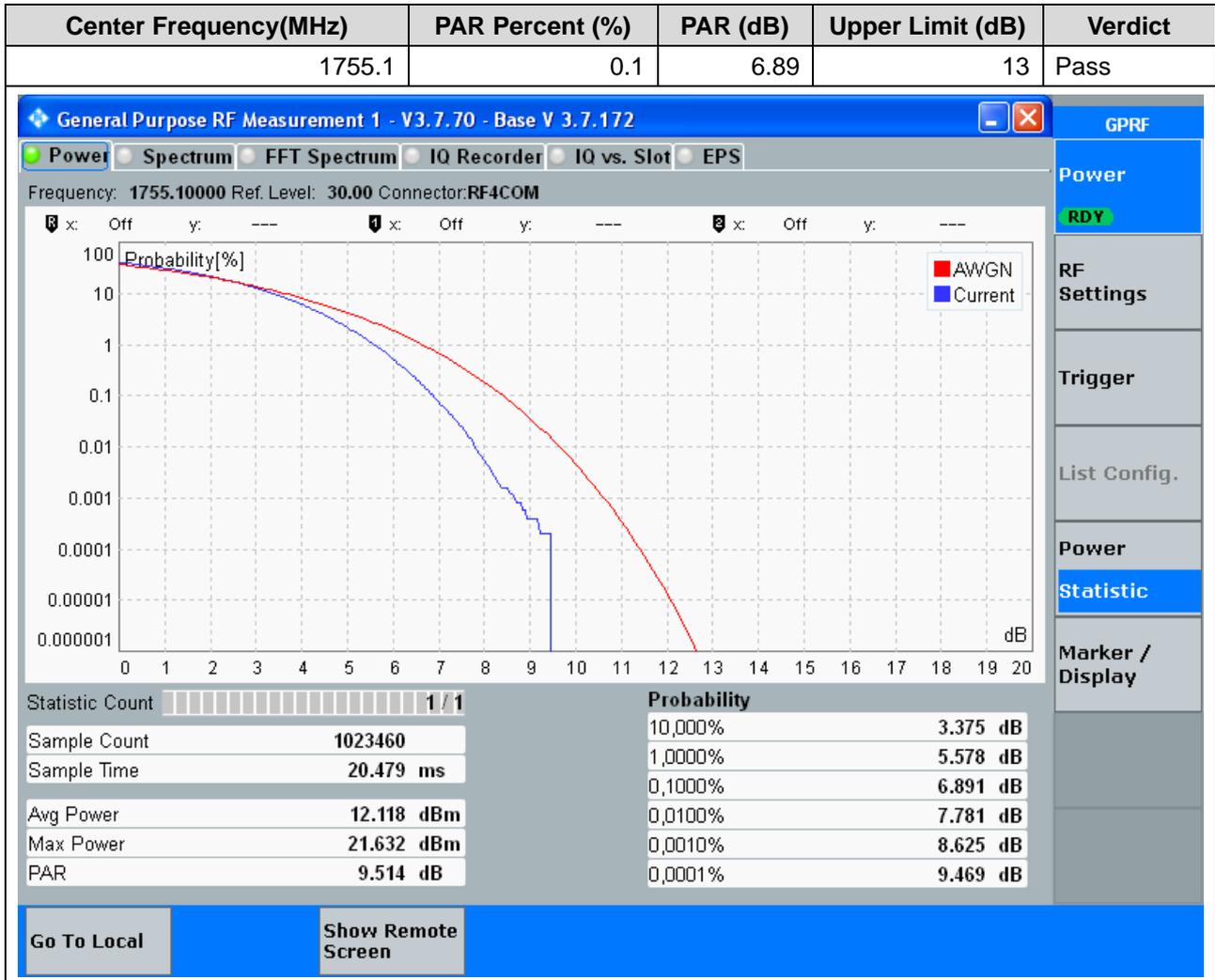
Probability	
10,000%	3.422 dB
1,0000%	5.625 dB
0,1000%	6.891 dB
0,0100%	7.922 dB
0,0010%	8.672 dB
0,0001%	9.188 dB

Go To Local
Show Remote Screen

**2.13. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:13, Channel:132325|132496, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



**2.14. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:14, Channel:132325|132496, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



**2.15. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:15, Channel:132348|132519, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1754.9	0.1	6.33	13	Pass

**General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172**

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1754.90000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	1 / 1	Probability	
Sample Count	999513	10,000%	3.234 dB
Sample Time	20.000 ms	1,0000%	5.156 dB
Avg Power	13.122 dBm	0,1000%	6.328 dB
Max Power	22.175 dBm	0,0010%	8.250 dB
PAR	9.054 dB	0,0001%	8.766 dB

Go To Local Show Remote Screen

**2.16. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:16, Channel:132348|132519, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1754.9	0.1	6.89	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1754.90000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count		Probability	
Sample Count	1023460	10,000%	3.375 dB
Sample Time	20.479 ms	1,0000%	5.531 dB
Avg Power	12.106 dBm	0,1000%	6.891 dB
Max Power	20.967 dBm	0,0010%	8.438 dB
PAR	8.861 dB	0,0001%	8.813 dB

Go To Local
Show Remote Screen

**2.17. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:17, Channel:132347|132497, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1755	0.1	6.66	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1755.00000 Ref. Level: 30.00 Connector:RF4COM

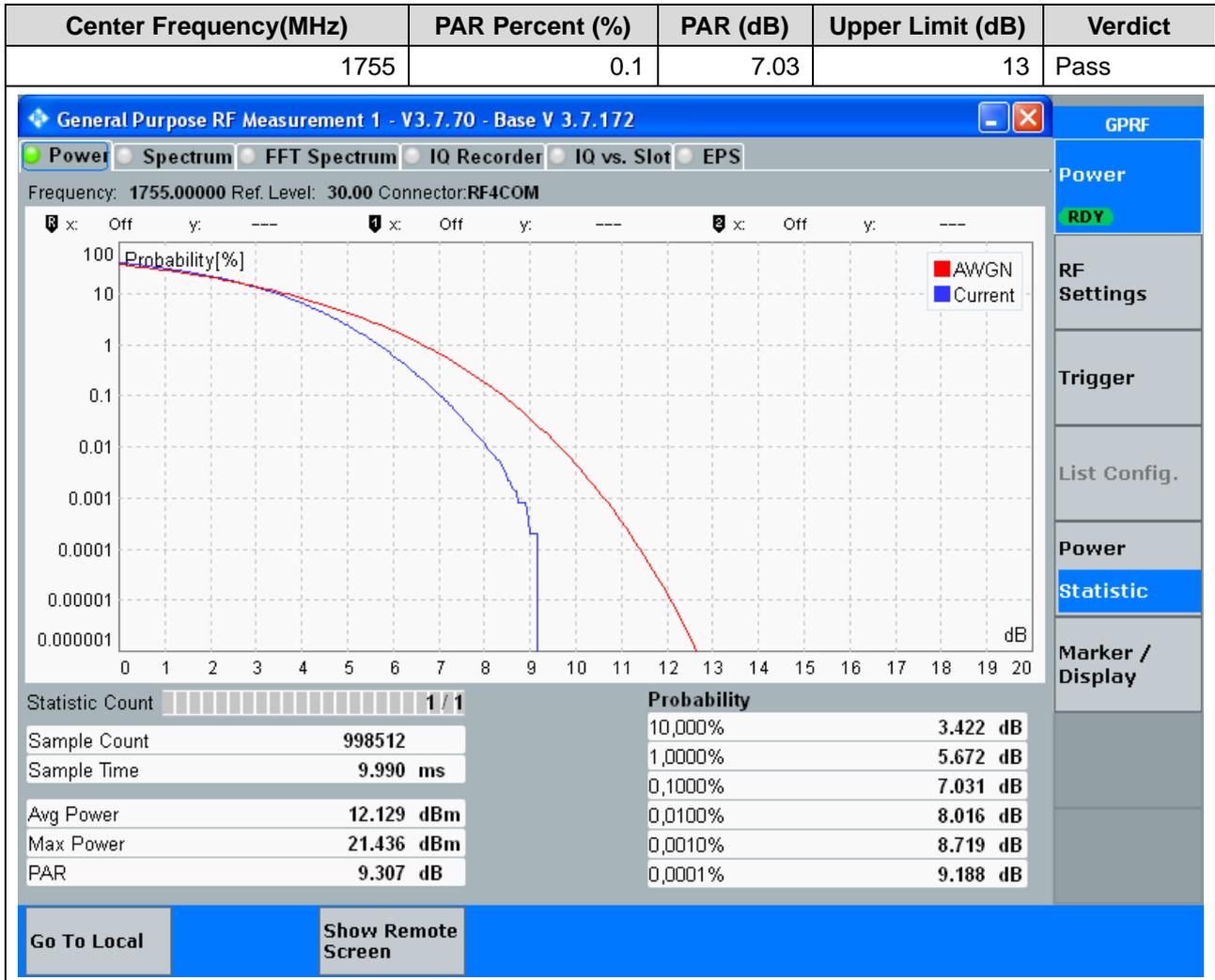
x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count	
Sample Count	999512
Sample Time	10.000 ms
Avg Power	13.136 dBm
Max Power	21.773 dBm
PAR	8.637 dB

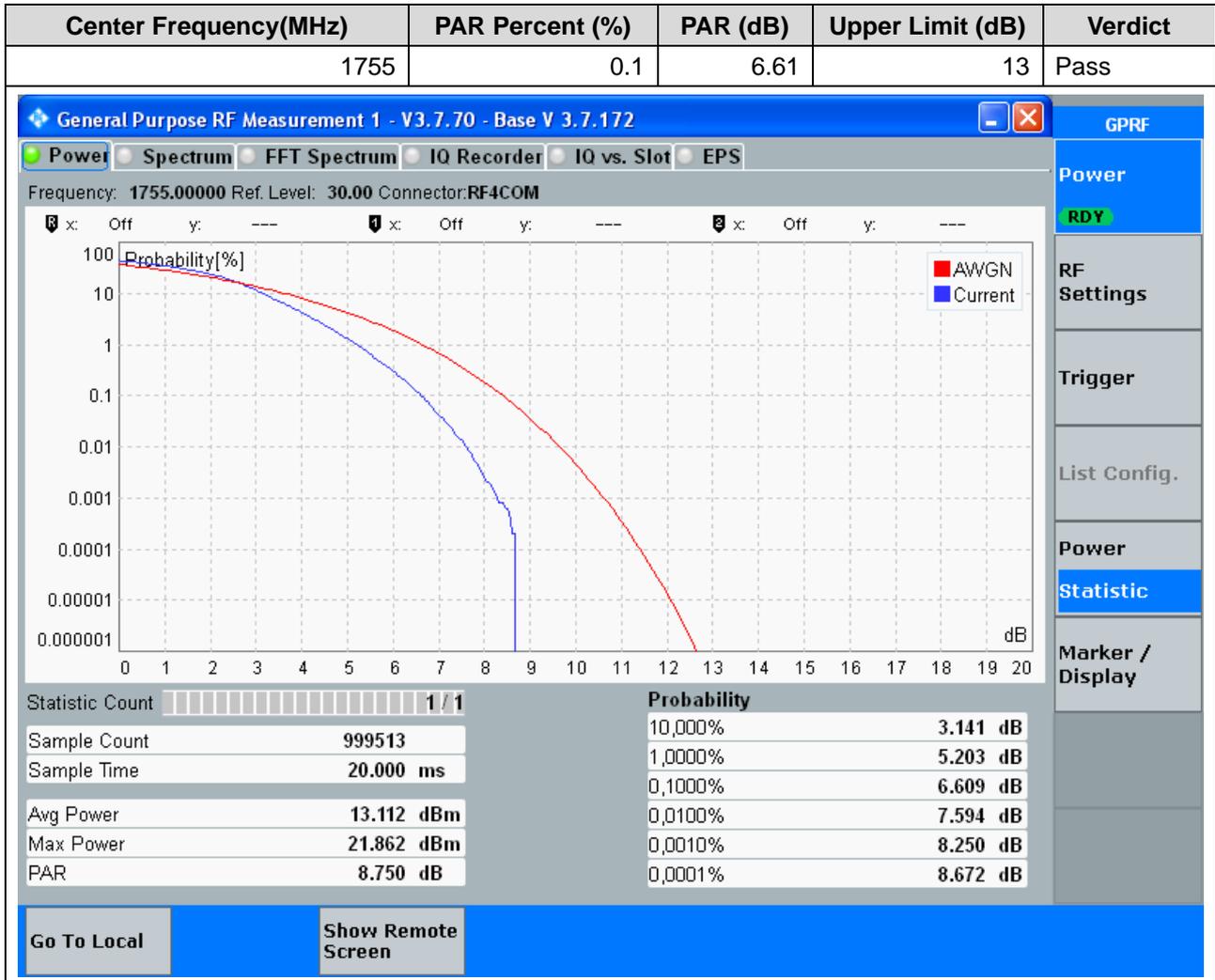
Probability	
10,000%	3.188 dB
1,0000%	5.297 dB
0,1000%	6.656 dB
0,0100%	7.594 dB
0,0010%	8.344 dB
0,0001%	8.578 dB

Go To Local
Show Remote Screen

**2.18. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:18, Channel:132347|132497, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



**2.19. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:19, Channel:132323|132521, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



**2.20. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:20, Channel:132323|132521, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1755	0.1	6.8	13	Pass

General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1755.00000 Ref. Level: 30.00 Connector:RF4COM

x: Off y: --- x: Off y: --- x: Off y: ---

Statistic Count	
Sample Count	1023460
Sample Time	20.479 ms
Avg Power	12.095 dBm
Max Power	21.501 dBm
PAR	9.407 dB

Probability	
10,000%	3.328 dB
1,0000%	5.531 dB
0,1000%	6.797 dB
0,0100%	7.734 dB
0,0010%	8.578 dB
0,0001%	9.281 dB

Go To Local
Show Remote Screen

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