

# Annex A.2 Peak to Average Ratio

# 1. WCDMA\_Band2

## 1.1. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:9262)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1852.4	0.1	2.95	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**

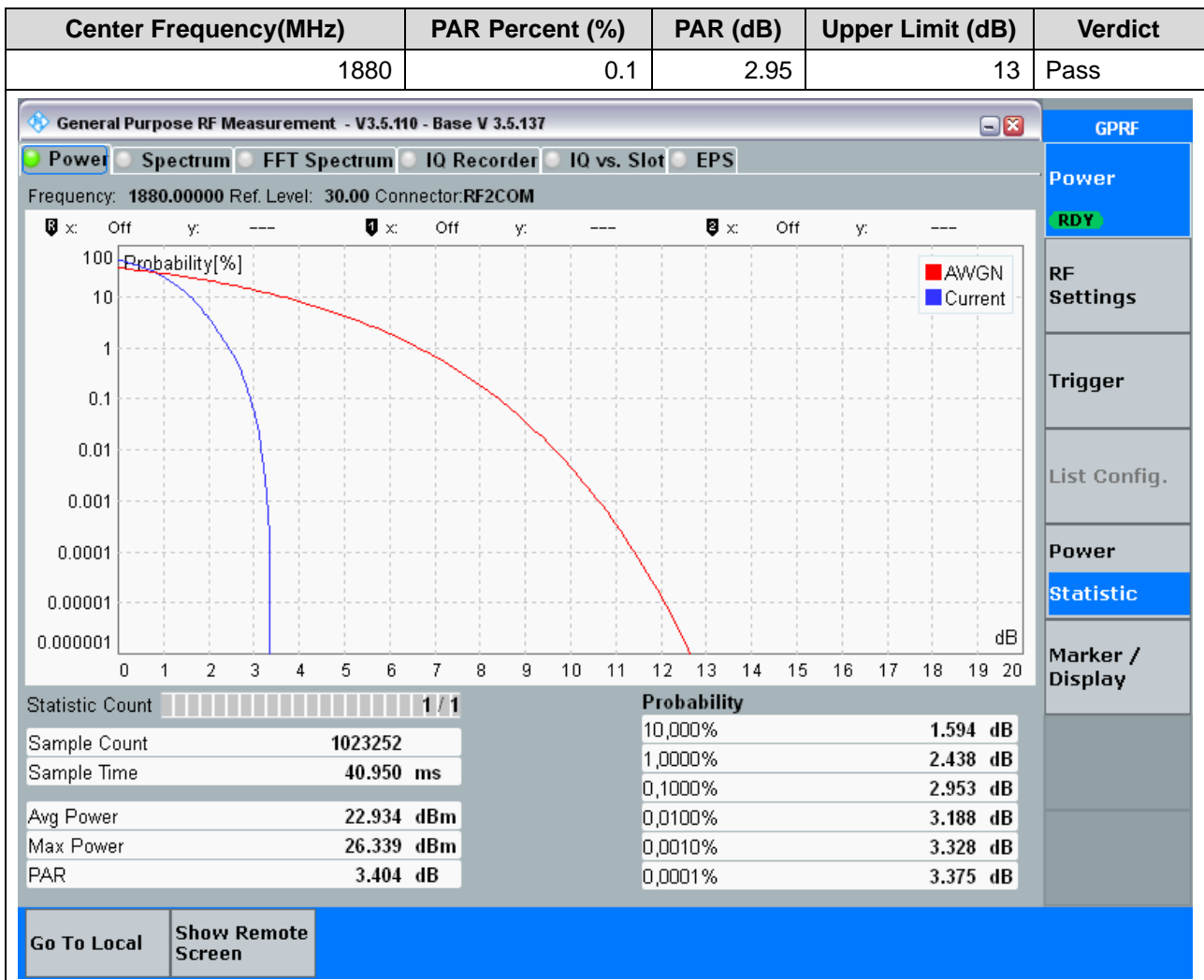
Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS

Frequency: 1852.40000 Ref. Level: 30.00 Connector:RF2COM

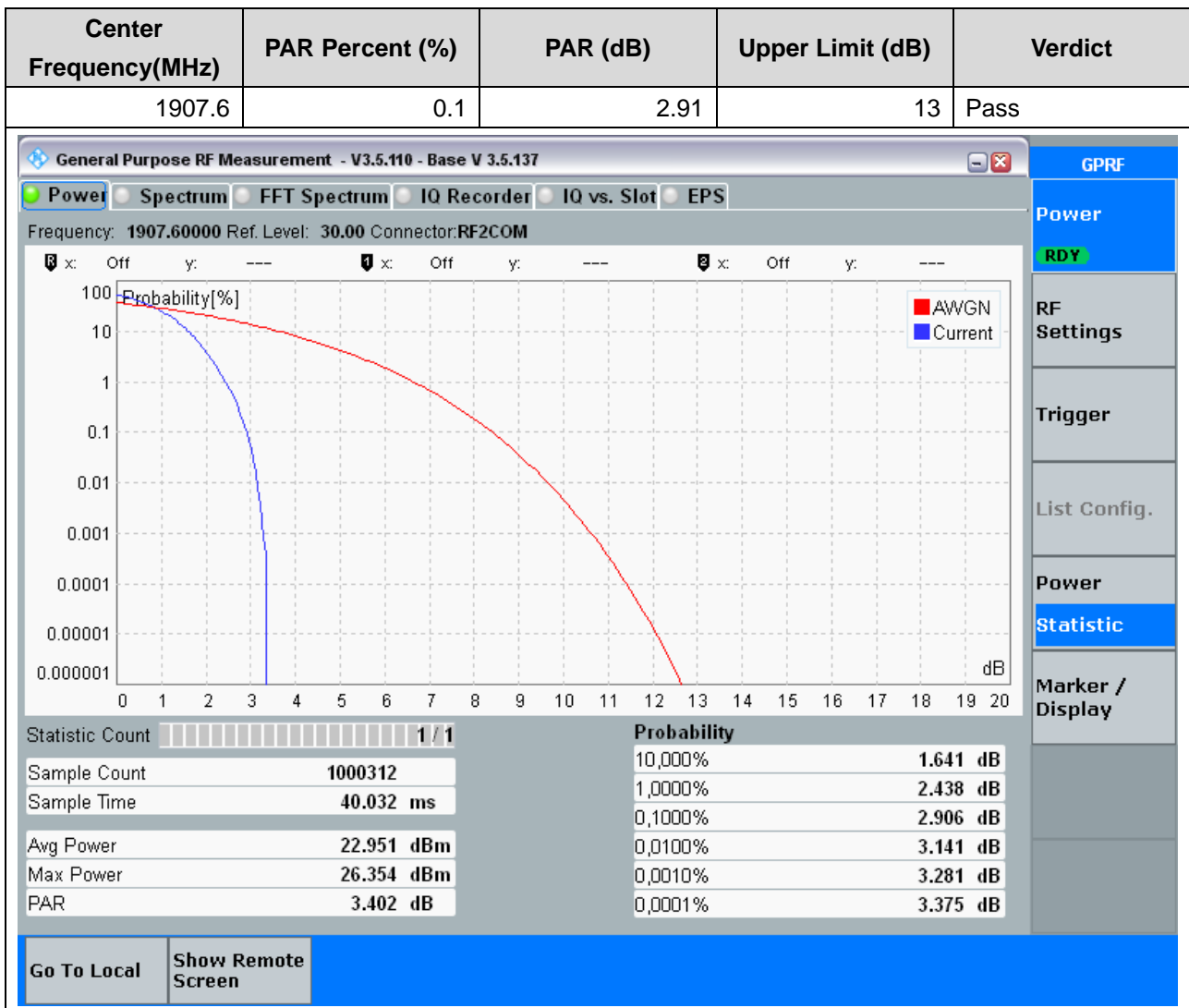
Statistic Count	1 / 1	Probability	
Sample Count	999512	10,000%	1.641 dB
Sample Time	40.000 ms	1,0000%	2.438 dB
Avg Power	22.942 dBm	0,1000%	2.953 dB
Max Power	26.341 dBm	0,0100%	3.188 dB
PAR	3.398 dB	0,0001%	3.375 dB

Go To Local | Show Remote Screen

## 1.2. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:9400)

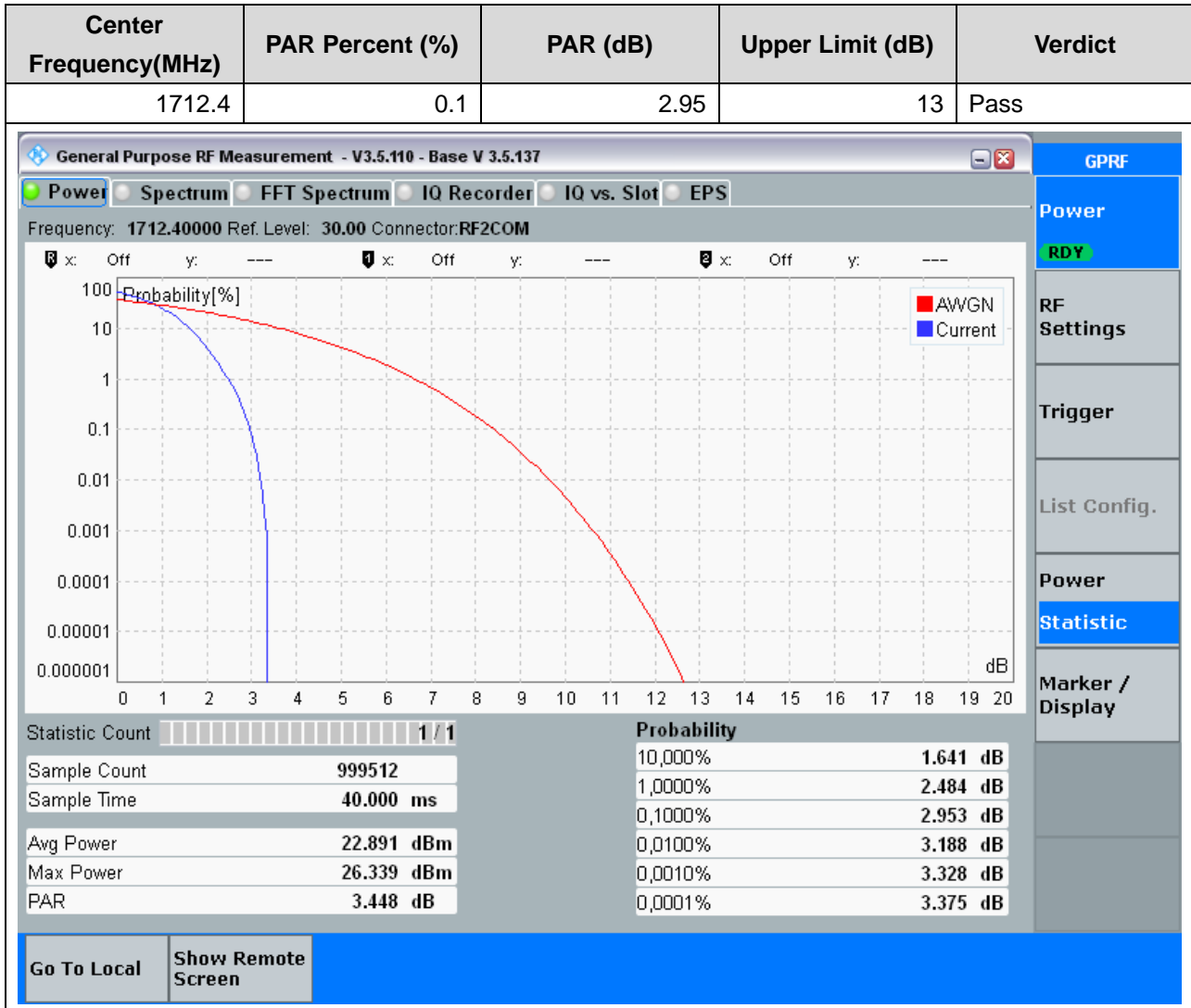


### 1.3. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:9538)

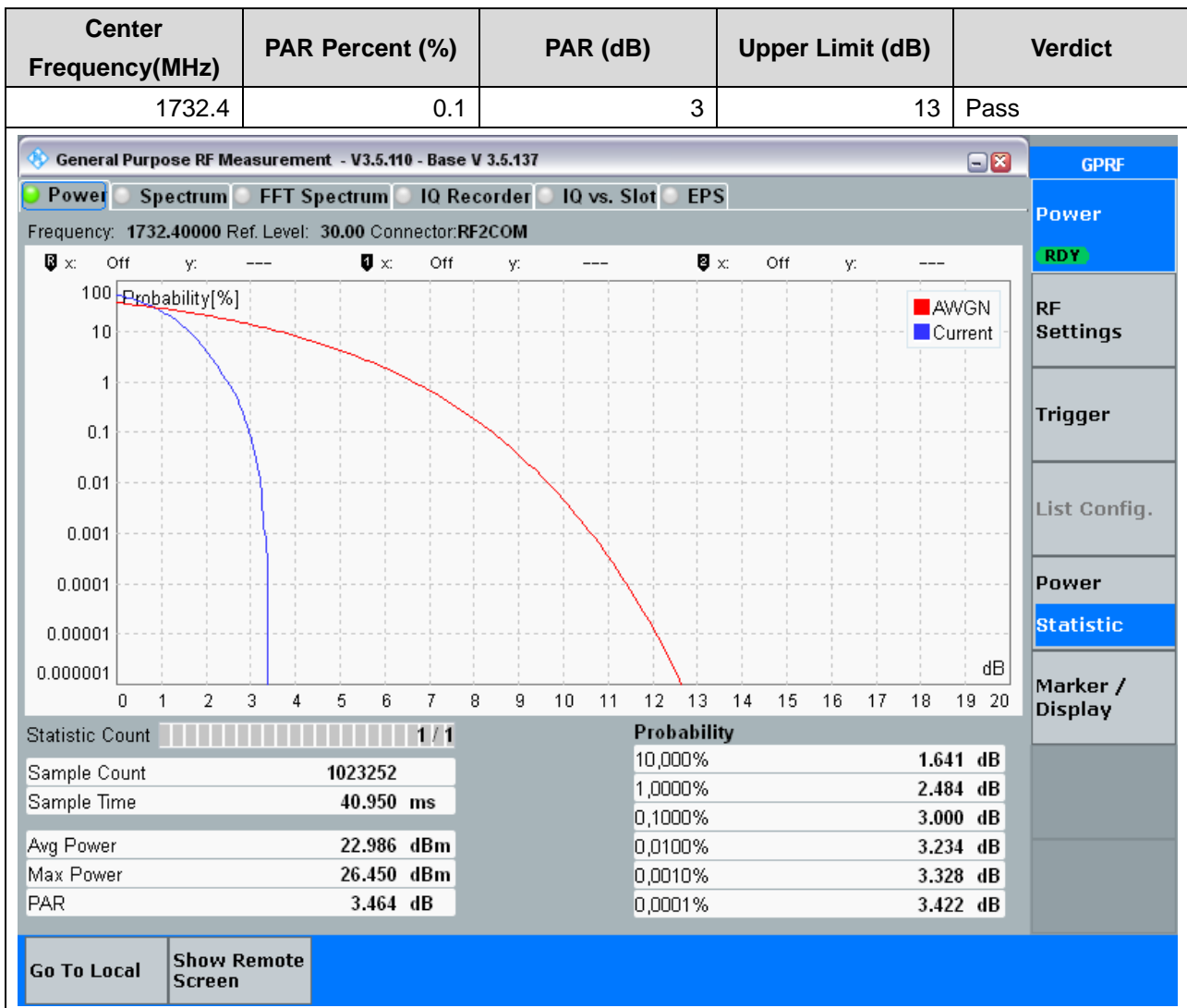


## 2. WCDMA\_Band4

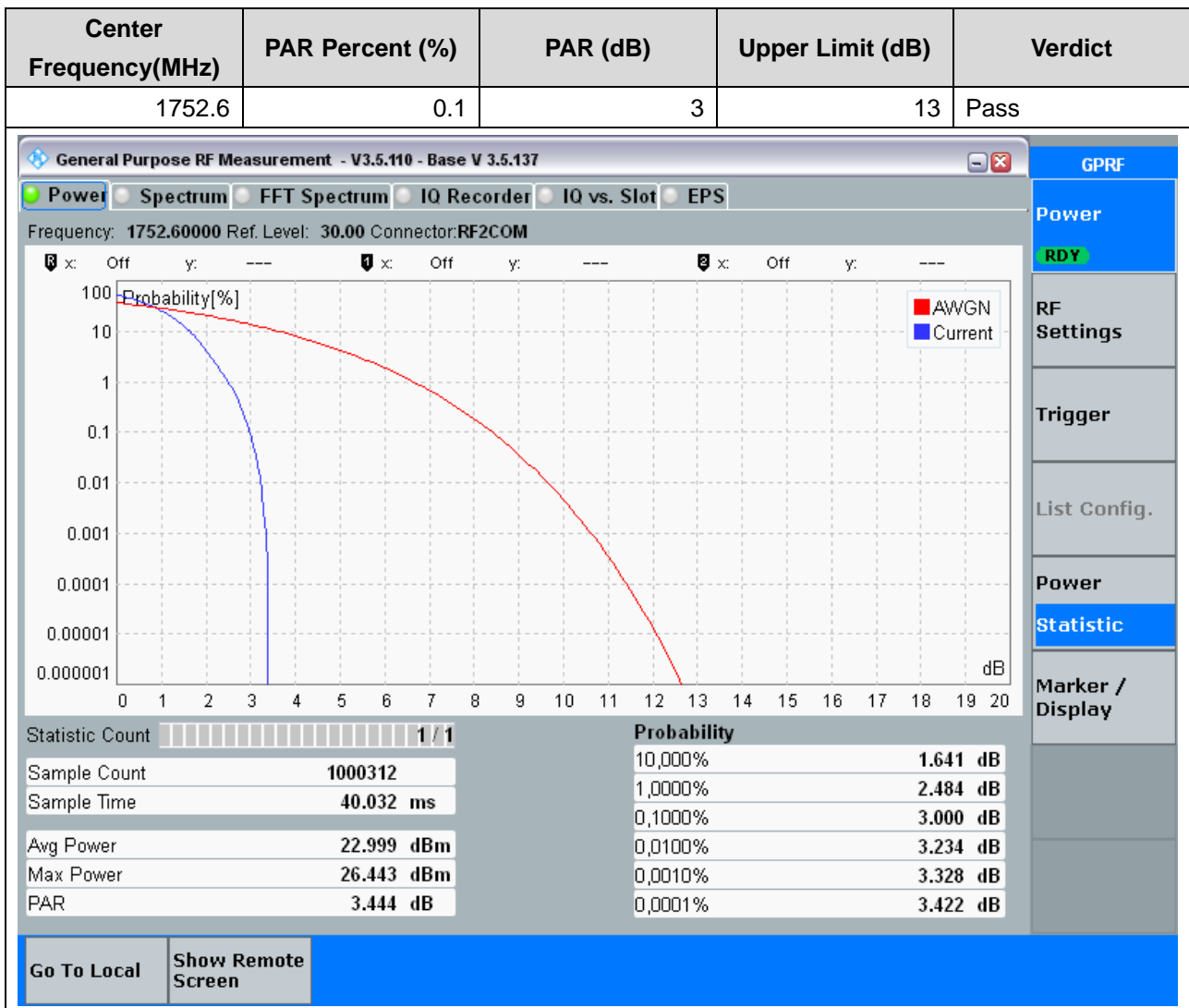
### 2.1. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:1312)



## 2.2. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:1412)



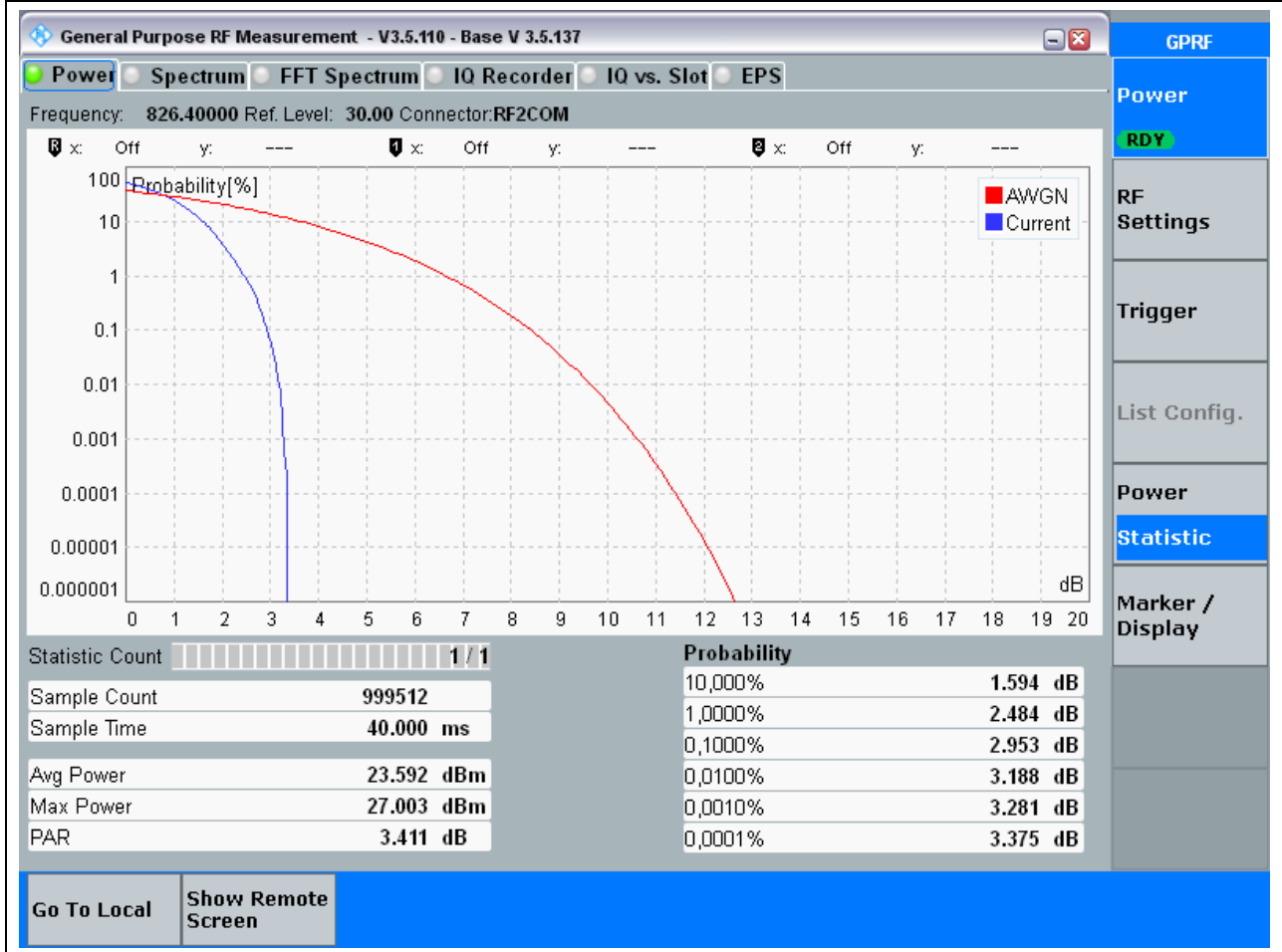
### 2.3. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:1513)



### 3. WCDMA\_Band5

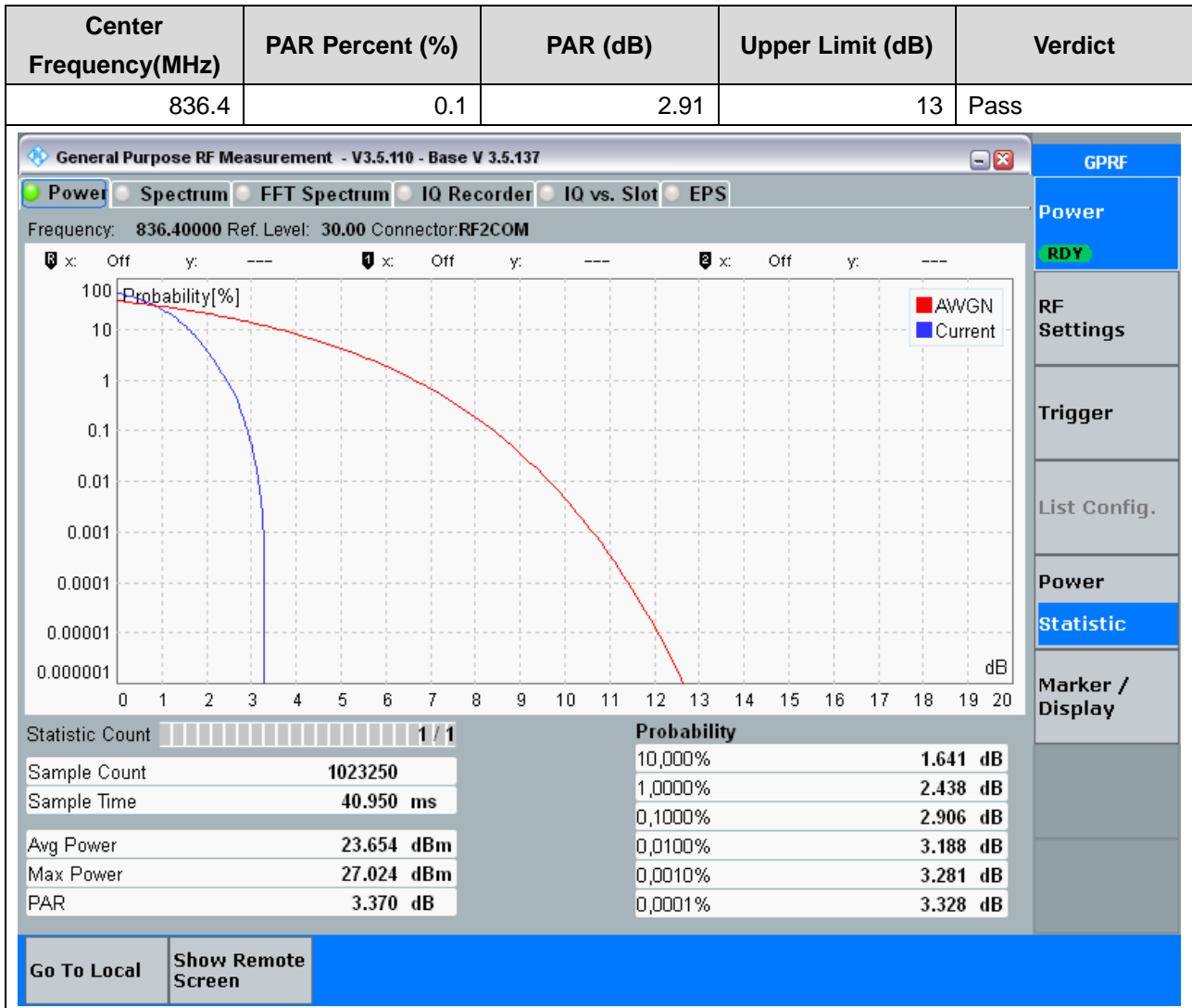
#### 3.1. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:4132)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
826.4	0.1	2.95	13	Pass

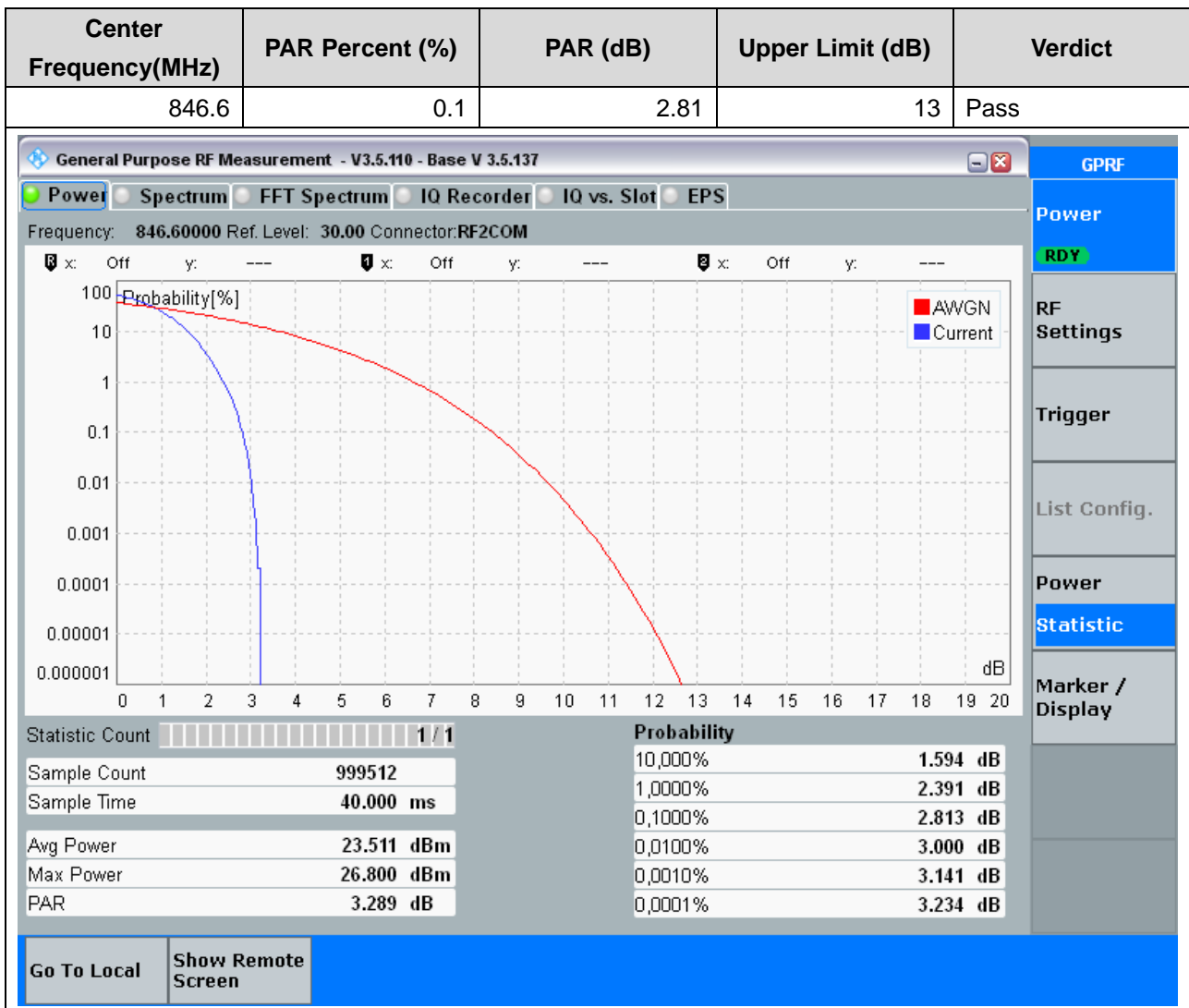




### 3.2. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:4182)

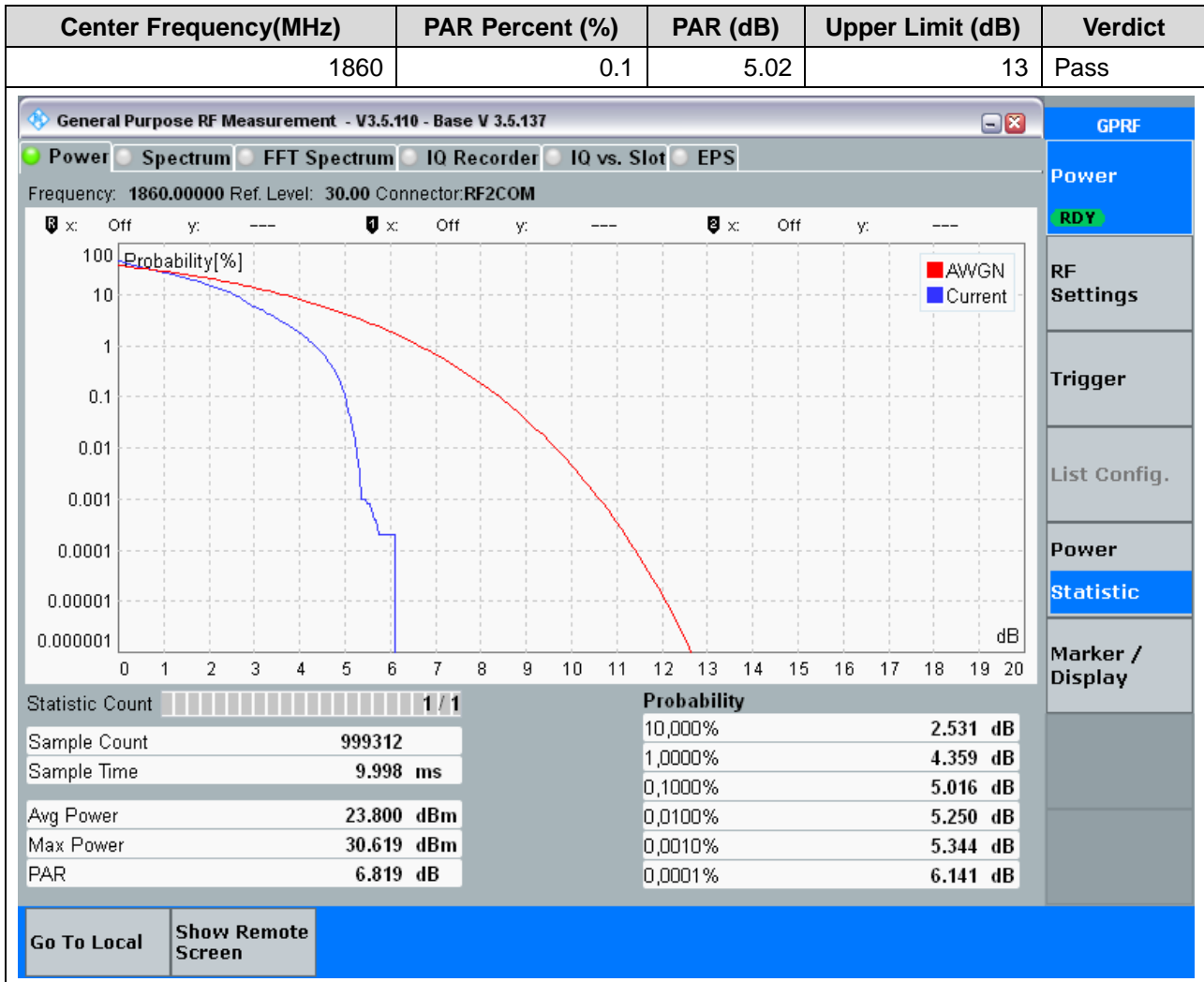


### 3.3. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:4233)

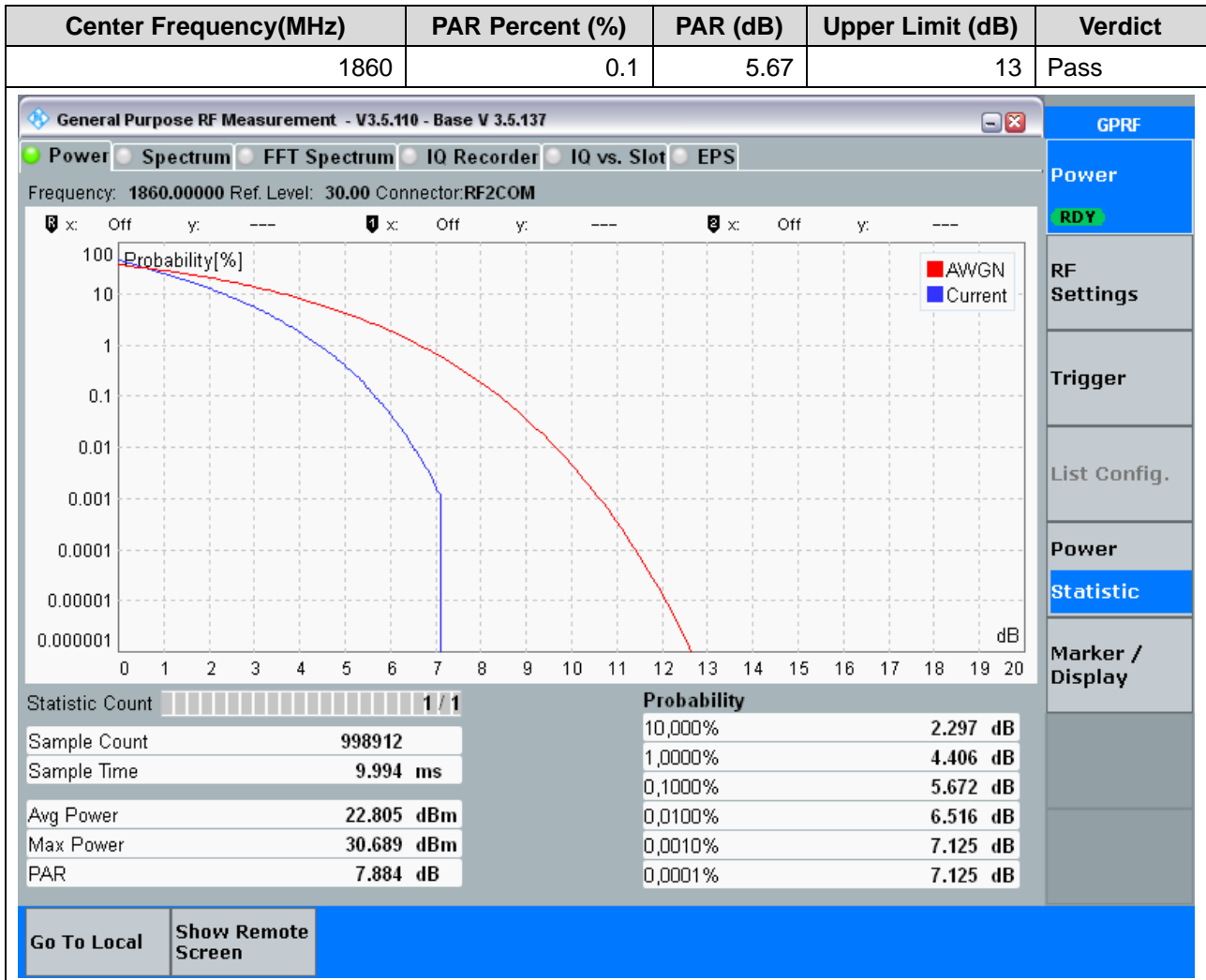


## 4. LTE\_Band2

### 4.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



#### 4.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



### 4.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1860.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999114
Sample Time	9.996 ms
Avg Power	22.922 dBm
Max Power	30.210 dBm
PAR	7.288 dB

Probability	
10,000%	2.719 dB
1,000%	4.875 dB
0,1000%	5.719 dB
0,0100%	5.953 dB
0,0010%	6.797 dB
0,0001%	7.031 dB

Go To Local
Show Remote Screen

#### 4.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1860.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	998912
Sample Time	9.994 ms
Avg Power	21.958 dBm
Max Power	30.756 dBm
PAR	8.798 dB

Probability	
10,000%	2.813 dB
1,000%	5.016 dB
0,1000%	6.422 dB
0,0100%	7.359 dB
0,0010%	7.969 dB
0,0001%	7.969 dB

Go To Local
Show Remote Screen

**4.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.44	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137  
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 Frequency: 1880.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	999112	10,000%	2.531 dB
Sample Time	9.996 ms	1,0000%	4.500 dB
Avg Power	23.807 dBm	0,1000%	5.438 dB
Max Power	30.085 dBm	0,0100%	5.766 dB
PAR	6.278 dB	0,0010%	5.859 dB
		0,0001%	5.953 dB

Go To Local
Show Remote Screen

**4.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.72	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137  
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 Frequency: 1880.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Legend: AWGN (red), Current (blue)

Statistic Count	1 / 1	<b>Probability</b>
Sample Count	998912	10,000% 2.297 dB
Sample Time	9.994 ms	1,0000% 4.453 dB
Avg Power	22.722 dBm	0,1000% 5.719 dB
Max Power	30.081 dBm	0,0100% 6.516 dB
PAR	7.360 dB	0,0001% 7.219 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display



**4.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.28	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1880.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999114
Sample Time	9.996 ms
Avg Power	22.487 dBm
Max Power	29.811 dBm
PAR	7.323 dB

Probability	
10,000%	2.813 dB
1,000%	4.969 dB
0,1000%	6.281 dB
0,0100%	7.078 dB
0,0010%	7.219 dB
0,0001%	7.266 dB

Go To Local
Show Remote Screen

#### 4.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.47	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1880.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	998912
Sample Time	9.994 ms
Avg Power	21.793 dBm
Max Power	30.559 dBm
PAR	8.766 dB

Probability	
10,000%	2.859 dB
1,000%	5.016 dB
0,1000%	6.469 dB
0,0100%	7.500 dB
0,0010%	8.156 dB
0,0001%	8.156 dB

Go To Local
Show Remote Screen

#### 4.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	5.44	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1900.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	23.901 dBm
Max Power	29.936 dBm
PAR	6.036 dB

Probability	
10,000%	2.531 dB
1,000%	4.500 dB
0,1000%	5.438 dB
0,0100%	5.672 dB
0,0010%	5.719 dB
0,0001%	5.953 dB

Go To Local
Show Remote Screen

**4.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	5.58	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1900.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	998912
Sample Time	9.994 ms
Avg Power	22.802 dBm
Max Power	30.247 dBm
PAR	7.446 dB

Probability	
10,000%	2.250 dB
1,000%	4.359 dB
0,1000%	5.578 dB
0,0100%	6.375 dB
0,0010%	6.984 dB
0,0001%	7.125 dB

Go To Local
Show Remote Screen

**4.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	6.37	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1900.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999114
Sample Time	9.996 ms
Avg Power	22.967 dBm
Max Power	29.848 dBm
PAR	6.880 dB

Probability	
10,000%	2.813 dB
1,0000%	5.297 dB
0,1000%	6.375 dB
0,0100%	6.609 dB
0,0010%	6.750 dB
0,0001%	6.797 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**4.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	6.33	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1900.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF  
Power  
RDY

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

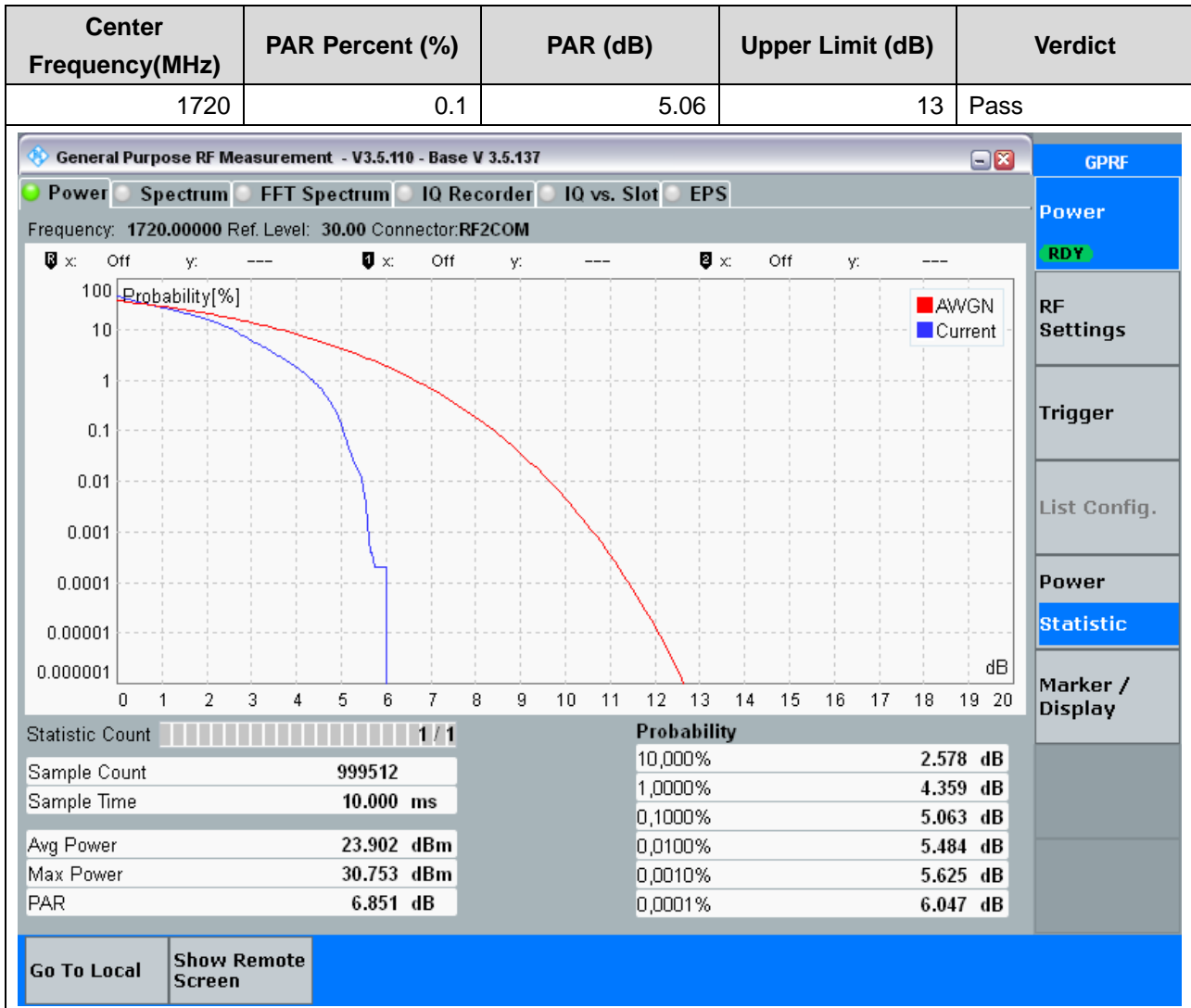
Statistic Count	
Sample Count	998912
Sample Time	9.994 ms
Avg Power	21.886 dBm
Max Power	30.075 dBm
PAR	8.189 dB

Probability	
10,000%	2.813 dB
1,000%	4.969 dB
0,1000%	6.328 dB
0,0100%	7.219 dB
0,0010%	7.828 dB
0,0001%	8.063 dB

Go To Local
Show Remote Screen

## 5. LTE\_Band4

### 5.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



**5.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

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

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	22.766 dBm
Max Power	30.681 dBm
PAR	7.915 dB

Probability	
10,000%	2.344 dB
1,000%	4.453 dB
0,1000%	5.719 dB
0,0100%	6.563 dB
0,0010%	7.078 dB
0,0001%	7.172 dB

Go To Local
Show Remote Screen



### 5.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	22.961 dBm
Max Power	30.198 dBm
PAR	7.238 dB

Probability	
10,000%	2.766 dB
1,000%	4.875 dB
0,1000%	5.719 dB
0,0100%	5.953 dB
0,0010%	6.938 dB
0,0001%	6.984 dB

Go To Local
Show Remote Screen

**5.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS  
 Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	998512	10,000%	2.859 dB
Sample Time	9.990 ms	1,0000%	5.016 dB
Avg Power	21.913 dBm	0,1000%	6.422 dB
Max Power	30.483 dBm	0,0100%	7.359 dB
PAR	8.570 dB	0,0010%	8.016 dB
		0,0001%	8.016 dB

Go To Local
Show Remote Screen

**5.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, 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	5.39	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1732.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999512
Sample Time	10.000 ms
Avg Power	23.976 dBm
Max Power	30.118 dBm
PAR	6.142 dB

Probability	
10,000%	2.531 dB
1,000%	4.453 dB
0,1000%	5.391 dB
0,0100%	5.719 dB
0,0010%	5.813 dB
0,0001%	5.953 dB

Go To Local

Show Remote Screen

Statistic

**5.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, 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	5.67	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1732.50000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count		Probability	
Sample Count	998512	10,000%	2.297 dB
Sample Time	9.990 ms	1,0000%	4.406 dB
Avg Power	23.023 dBm	0,1000%	5.672 dB
Max Power	30.449 dBm	0,0100%	6.422 dB
PAR	7.425 dB	0,0001%	6.891 dB

Go To Local
Show Remote Screen

**5.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, 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	6.23	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1732.50000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count		Probability	
Sample Count	999514	10,000%	2.813 dB
Sample Time	10.000 ms	1,0000%	4.969 dB
Avg Power	22.773 dBm	0,1000%	6.234 dB
Max Power	30.226 dBm	0,0010%	7.172 dB
PAR	7.453 dB	0,0001%	7.172 dB

Go To Local
Show Remote Screen

**5.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, 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	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1732.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF  
Power  
RDY

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	21.933 dBm
Max Power	30.469 dBm
PAR	8.535 dB

Probability	
10,000%	2.859 dB
1,000%	5.063 dB
0,1000%	6.422 dB
0,0100%	7.500 dB
0,0010%	8.016 dB
0,0001%	8.016 dB

Go To Local
Show Remote Screen

**5.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.3	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Legend: ■ AWGN ■ Current

Statistic Count	1 / 1	<b>Probability</b>
Sample Count	999514	10,000%    2.531 dB
Sample Time	10.000 ms	1,0000%    4.406 dB
Avg Power	24.172 dBm	0,1000%    5.297 dB
Max Power	30.145 dBm	0,0010%    5.766 dB
PAR	5.973 dB	0,0001%    5.766 dB

Go To Local
Show Remote Screen

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

**5.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
  Spectrum
  FFT Spectrum
  IQ Recorder
  IQ vs. Slot
  EPS

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

Statistic Count		Probability	
Sample Count	998512	10,000%	2.297 dB
Sample Time	9.990 ms	1,0000%	4.453 dB
Avg Power	22.938 dBm	0,1000%	5.719 dB
Max Power	30.717 dBm	0,0010%	6.984 dB
PAR	7.779 dB	0,0001%	6.984 dB

Go To Local
Show Remote Screen



**5.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.37	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137  
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Probability[%]

AWGN  
Current

Statistic Count <span style="font-weight: bold;">1 / 1</span>	<b>Probability</b>
Sample Count <b>999512</b>	10,000% <b>2.859 dB</b>
Sample Time <b>10.000 ms</b>	1,0000% <b>5.344 dB</b>
Avg Power <b>23.102 dBm</b>	0,1000% <b>6.375 dB</b>
Max Power <b>30.090 dBm</b>	0,0100% <b>6.656 dB</b>
PAR <b>6.989 dB</b>	0,0001% <b>6.844 dB</b>

Go To Local
Show Remote Screen

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**5.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.37	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

RDY

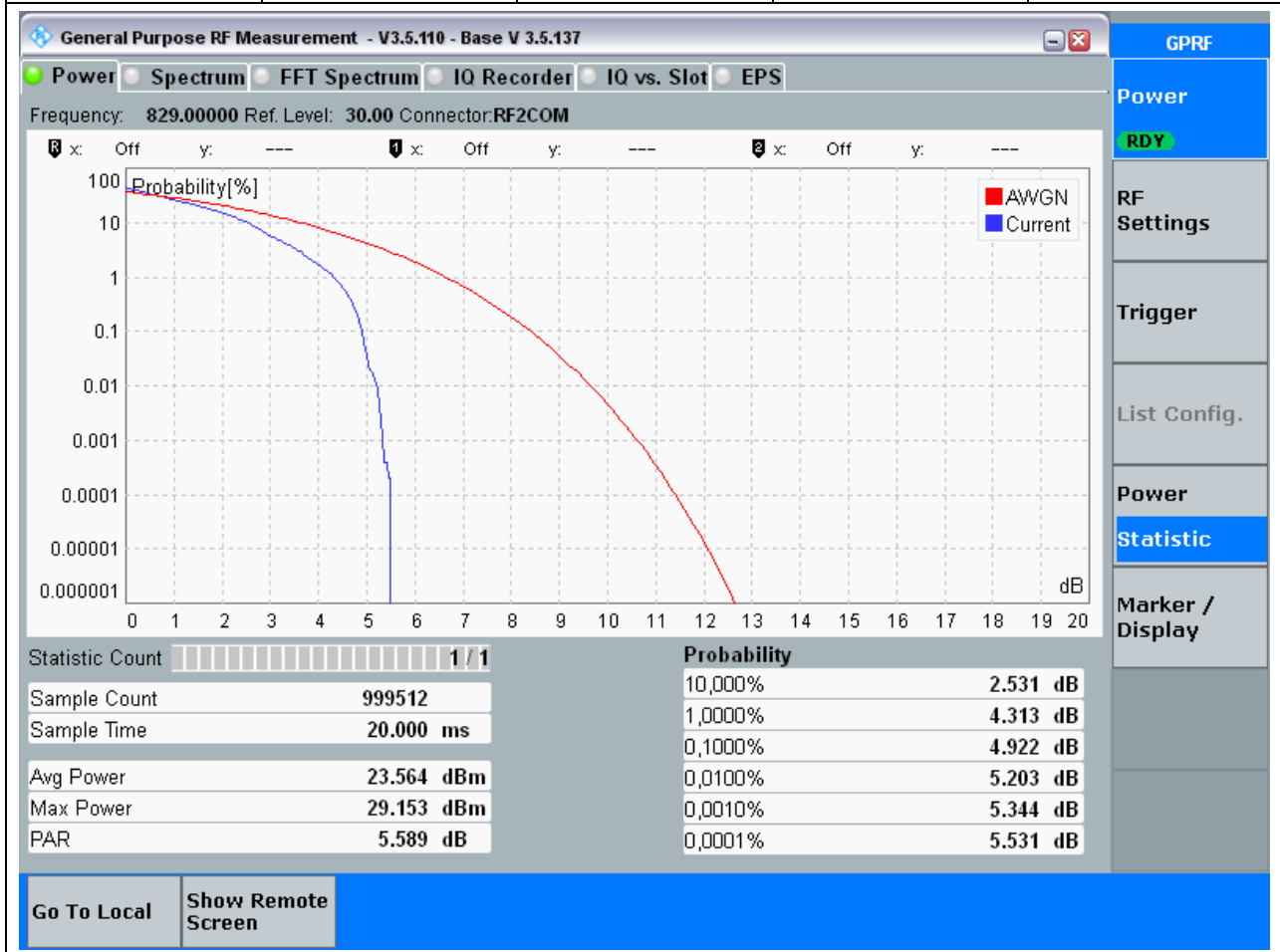
Statistic Count		Probability	
Sample Count	998512	10,000%	2.859 dB
Sample Time	9.990 ms	1,0000%	5.016 dB
Avg Power	22.064 dBm	0,1000%	6.375 dB
Max Power	30.366 dBm	0,0100%	7.266 dB
PAR	8.302 dB	0,0010%	7.875 dB
		0,0001%	7.875 dB

Go To Local
Show Remote Screen

## 6. LTE\_Band5

### 6.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	4.92	13	Pass



**6.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	5.58	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 829.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

AWGN (red line)  
 Current (blue line)

<b>Statistic Count</b> <span style="font-weight: normal;">1 / 1</span>	<b>Probability</b>
Sample Count <b>1023670</b>	10,000% <b>2.297 dB</b>
Sample Time <b>20.483 ms</b>	1,0000% <b>4.359 dB</b>
Avg Power <b>22.589 dBm</b>	0,1000% <b>5.578 dB</b>
Max Power <b>29.720 dBm</b>	0,0100% <b>6.328 dB</b>
PAR <b>7.131 dB</b>	0,0010% <b>6.844 dB</b>
	0,0001% <b>7.125 dB</b>

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

### 6.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	6	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 829.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999512
Sample Time	20.000 ms
Avg Power	22.331 dBm
Max Power	29.233 dBm
PAR	6.902 dB

Probability	
10,000%	2.719 dB
1,000%	5.063 dB
0,1000%	6.000 dB
0,0100%	6.328 dB
0,0010%	6.422 dB
0,0001%	6.844 dB

Go To Local
Show Remote Screen

**6.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	6.14	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 829.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	22.045 dBm
Max Power	29.697 dBm
PAR	7.652 dB

Probability	
10,000%	2.813 dB
1,000%	4.922 dB
0,1000%	6.141 dB
0,0100%	7.031 dB
0,0010%	7.547 dB
0,0001%	7.594 dB

Go To Local
Show Remote Screen

**6.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	4.64	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 836.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count <span style="font-weight: bold;">1 / 1</span>	<b>Probability</b>
Sample Count <b>999114</b>	10,000% <b>2.484 dB</b>
Sample Time <b>19.992 ms</b>	1,0000% <b>4.125 dB</b>
Avg Power <b>23.771 dBm</b>	0,1000% <b>4.641 dB</b>
Max Power <b>28.955 dBm</b>	0,0010% <b>5.016 dB</b>
PAR <b>5.185 dB</b>	0,0001% <b>5.063 dB</b>

Go To Local
Show Remote Screen

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

**6.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.53	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 836.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count		Probability	
Sample Count	1024088	10,000%	2.297 dB
Sample Time	20.492 ms	1,0000%	4.359 dB
Avg Power	22.620 dBm	0,1000%	5.531 dB
Max Power	29.660 dBm	0,0100%	6.188 dB
PAR	7.040 dB	0,0010%	6.703 dB
		0,0001%	6.984 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display



**6.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.72	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137  
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 Frequency: 836.50000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	999112	10,000%	2.766 dB
Sample Time	19.992 ms	1,0000%	4.781 dB
Avg Power	22.673 dBm	0,1000%	5.719 dB
Max Power	28.772 dBm	0,0100%	6.000 dB
PAR	6.100 dB	0,0010%	6.047 dB
		0,0001%	6.047 dB

Go To Local
Show Remote Screen

**6.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	6.19	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 836.50000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	22.141 dBm
Max Power	29.732 dBm
PAR	7.591 dB

Probability	
10,000%	2.766 dB
1,000%	4.922 dB
0,1000%	6.188 dB
0,0100%	6.938 dB
0,0010%	7.266 dB
0,0001%	7.547 dB

Go To Local
Show Remote Screen

**6.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	4.41	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: **844.00000** Ref. Level: **30.00** Connector: **RF2COM**

**GPRF**  
**Power**  
RDY

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

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

Statistic Count		Probability	
Sample Count	999512	10,000%	2.391 dB
Sample Time	20.000 ms	1,0000%	3.938 dB
Avg Power	23.628 dBm	0,1000%	4.406 dB
Max Power	28.711 dBm	0,0010%	4.641 dB
PAR	5.083 dB	0,0001%	5.016 dB

Go To Local
Show Remote Screen

**6.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	5.34	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: **844.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	22.501 dBm
Max Power	29.445 dBm
PAR	6.944 dB

Probability	
10,000%	2.203 dB
1,000%	4.266 dB
0,1000%	5.344 dB
0,0100%	6.000 dB
0,0010%	6.422 dB
0,0001%	6.797 dB

Go To Local
Show Remote Screen

**6.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	5.53	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: **844.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

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

Statistic Count	
Sample Count	999512
Sample Time	20.000 ms
Avg Power	22.097 dBm
Max Power	28.662 dBm
PAR	6.564 dB

Probability	
10,000%	2.719 dB
1,000%	4.781 dB
0,1000%	5.531 dB
0,0100%	5.813 dB
0,0010%	6.094 dB
0,0001%	6.422 dB

Go To Local
Show Remote Screen

**6.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	6.14	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 Frequency: 844.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	21.447 dBm
Max Power	29.049 dBm
PAR	7.602 dB

Probability	
10,000%	2.813 dB
1,0000%	4.875 dB
0,1000%	6.141 dB
0,0100%	6.844 dB
0,0010%	7.313 dB
0,0001%	7.547 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

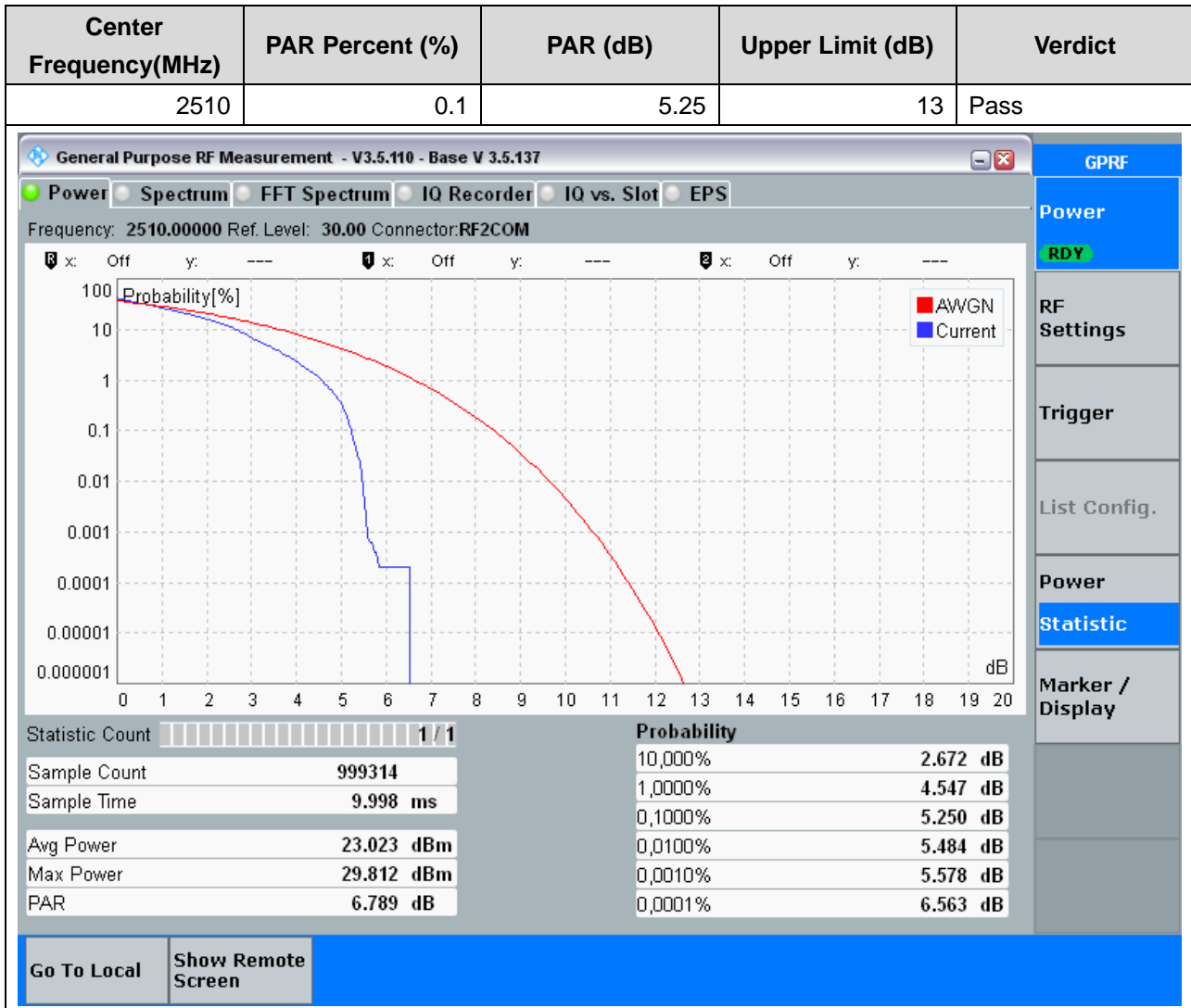
Power

Statistic

Marker / Display

## 7. LTE\_Band7

### 7.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



**7.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	5.67	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2510.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	998712
Sample Time	9.992 ms
Avg Power	22.042 dBm
Max Power	29.662 dBm
PAR	7.620 dB

Probability	
10,000%	2.344 dB
1,0000%	4.453 dB
0,1000%	5.672 dB
0,0100%	6.422 dB
0,0010%	7.031 dB
0,0001%	7.453 dB

Go To Local
Show Remote Screen



### 7.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	5.95	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2510.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	999312
Sample Time	9.998 ms
Avg Power	22.023 dBm
Max Power	29.610 dBm
PAR	7.586 dB

Probability	
10,000%	2.859 dB
1,000%	5.156 dB
0,1000%	5.953 dB
0,0100%	6.188 dB
0,0010%	6.938 dB
0,0001%	7.406 dB

Go To Local
Show Remote Screen

**7.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2510.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

AWGN (red line)  
 Current (blue line)

Statistic Count		Probability	
Sample Count	998712	10,000%	2.859 dB
Sample Time	9.992 ms	1,0000%	5.063 dB
Avg Power	21.269 dBm	0,1000%	6.422 dB
Max Power	29.797 dBm	0,0100%	7.313 dB
PAR	8.528 dB	0,0001%	8.438 dB

Go To Local
Show Remote Screen

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

**7.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.92	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count		Probability	
Sample Count	999312	10,000%	2.625 dB
Sample Time	9.998 ms	1,0000%	4.406 dB
Avg Power	23.262 dBm	0,1000%	4.922 dB
Max Power	29.337 dBm	0,0100%	5.063 dB
PAR	6.075 dB	0,0010%	5.156 dB
		0,0001%	5.813 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**7.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.67	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count		Probability	
Sample Count	998912	10,000%	2.297 dB
Sample Time	9.994 ms	1,0000%	4.500 dB
Avg Power	22.133 dBm	0,1000%	5.672 dB
Max Power	29.328 dBm	0,0100%	6.375 dB
PAR	7.196 dB	0,0001%	7.125 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**7.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.91	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count <span style="font-weight: bold;">1 / 1</span>	<b>Probability</b>
Sample Count <b>999114</b>	10,000% <b>2.859 dB</b>
Sample Time <b>9.996 ms</b>	1,0000% <b>5.016 dB</b>
Avg Power <b>22.149 dBm</b>	0,1000% <b>5.906 dB</b>
Max Power <b>29.019 dBm</b>	0,0100% <b>6.234 dB</b>
PAR <b>6.870 dB</b>	0,0001% <b>6.750 dB</b>

Go To Local
Show Remote Screen

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

**7.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.47	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	998912
Sample Time	9.994 ms
Avg Power	21.123 dBm
Max Power	29.503 dBm
PAR	8.380 dB

Probability	
10,000%	2.859 dB
1,000%	5.063 dB
0,1000%	6.469 dB
0,0100%	7.406 dB
0,0010%	8.016 dB
0,0001%	8.297 dB

Go To Local
Show Remote Screen

### 7.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.39	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count		Probability	
Sample Count	999112	10,000%	2.625 dB
Sample Time	9.996 ms	1,0000%	4.641 dB
Avg Power	23.279 dBm	0,1000%	5.391 dB
Max Power	29.262 dBm	0,0010%	5.672 dB
PAR	5.982 dB	0,0001%	5.672 dB

Go To Local
Show Remote Screen

**7.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.77	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

AWGN (red line)  
 Current (blue line)

Statistic Count	1 / 1	<b>Probability</b>
Sample Count	998912	10,000%    2.344 dB
Sample Time	9.994 ms	1,0000%    4.500 dB
Avg Power	22.213 dBm	0,1000%    5.766 dB
Max Power	29.862 dBm	0,0100%    6.516 dB
PAR	7.649 dB	0,0010%    7.031 dB
		0,0001%    7.453 dB

Go To Local
Show Remote Screen

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



**7.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	6.28	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

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

Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	22.450 dBm
Max Power	29.311 dBm
PAR	6.860 dB

Probability	
10,000%	2.906 dB
1,000%	5.484 dB
0,1000%	6.281 dB
0,0100%	6.516 dB
0,0010%	6.609 dB
0,0001%	6.703 dB

Go To Local
Show Remote Screen

**7.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

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

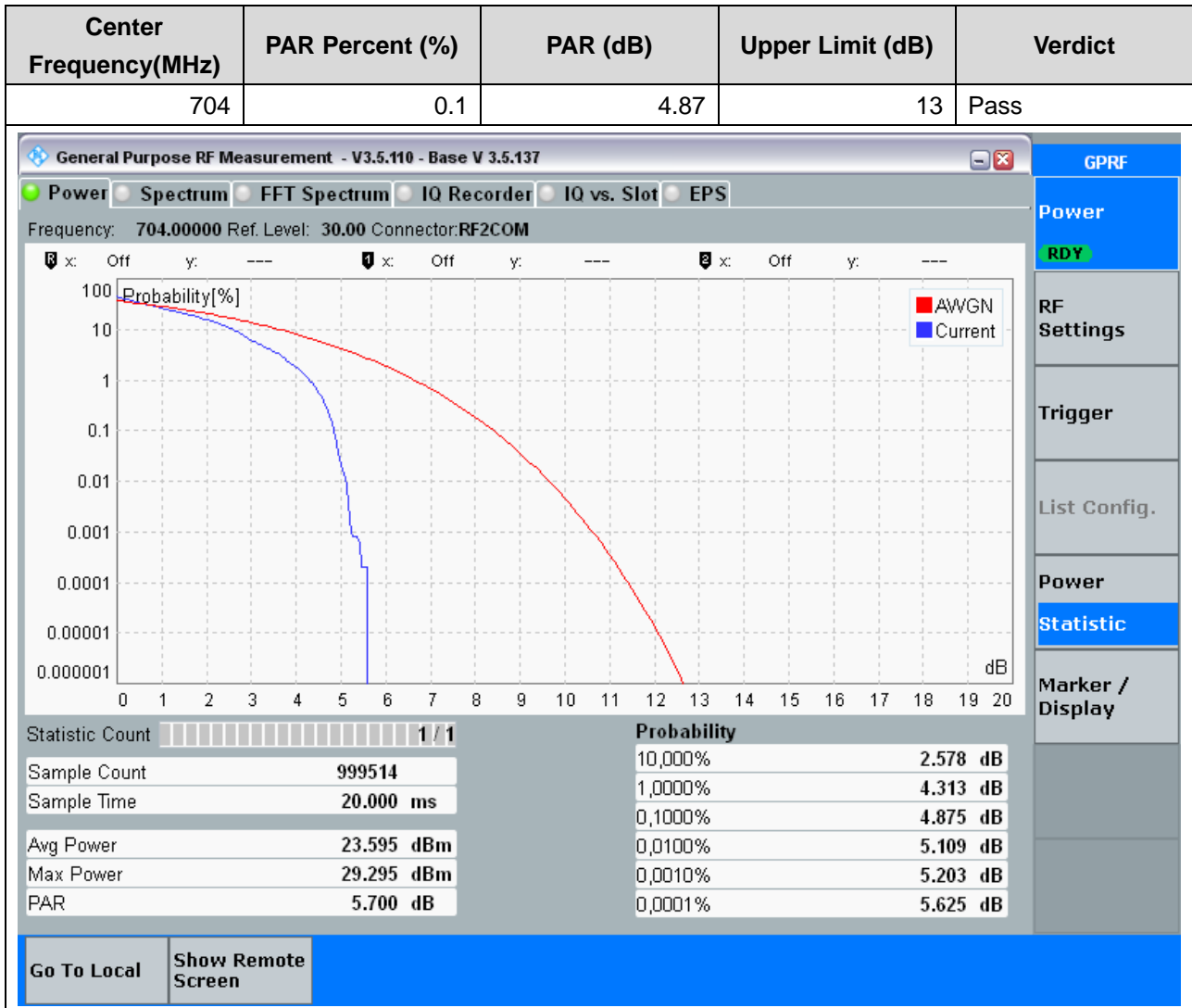
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count		Probability	
Sample Count	998912	10,000%	2.813 dB
Sample Time	9.994 ms	1,0000%	5.063 dB
Avg Power	21.482 dBm	0,1000%	6.422 dB
Max Power	30.005 dBm	0,0100%	7.266 dB
PAR	8.523 dB	0,0001%	8.109 dB

Go To Local
Show Remote Screen

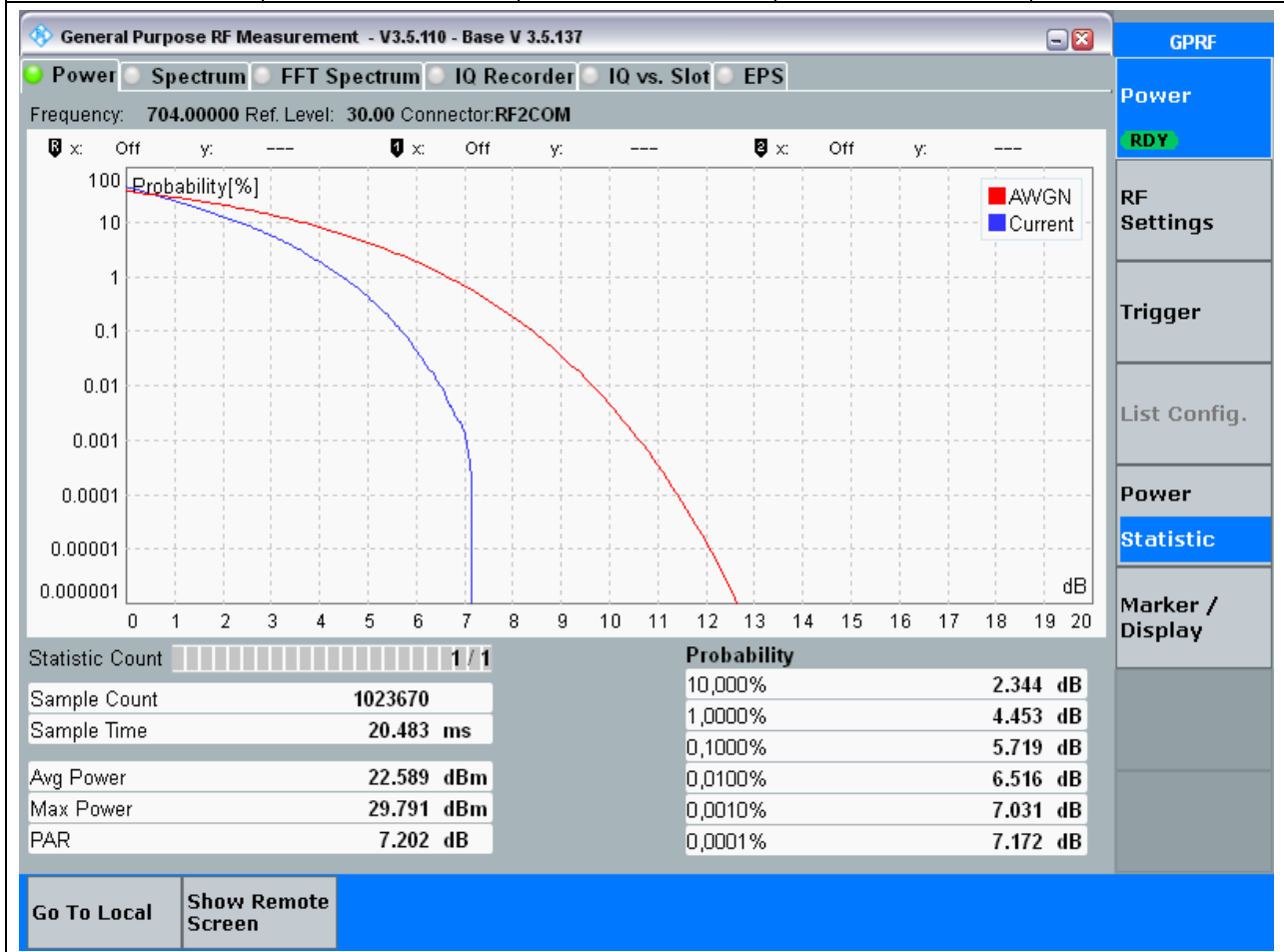
## 8. LTE\_Band12

### 8.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



## 8.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
704	0.1	5.72	13	Pass



### 8.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
704	0.1	6	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: **704.00000** Ref. Level: **30.00** Connector: **RF2COM**

**GPRF**  
**Power**  
RDY

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

Statistic Count	
Sample Count	999512
Sample Time	20.000 ms
Avg Power	22.301 dBm
Max Power	29.351 dBm
PAR	7.050 dB

Probability	
10,000%	2.813 dB
1,000%	5.156 dB
0,1000%	6.000 dB
0,0100%	6.281 dB
0,0010%	6.563 dB
0,0001%	6.984 dB

Go To Local
Show Remote Screen

**8.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
704	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: **704.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

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

Statistic Count	
Sample Count	<b>1023670</b>
Sample Time	<b>20.483 ms</b>
Avg Power	<b>21.560 dBm</b>
Max Power	<b>29.590 dBm</b>
PAR	<b>8.031 dB</b>

Probability	
10,000%	<b>2.859 dB</b>
1,000%	<b>5.063 dB</b>
0,1000%	<b>6.422 dB</b>
0,0100%	<b>7.359 dB</b>
0,0010%	<b>7.922 dB</b>
0,0001%	<b>8.016 dB</b>

Go To Local
Show Remote Screen

**8.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	5.16	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 707.50000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count		Probability	
Sample Count	999112	10,000%	2.578 dB
Sample Time	19.992 ms	1,0000%	4.500 dB
Avg Power	23.708 dBm	0,1000%	5.156 dB
Max Power	29.332 dBm	0,0100%	5.484 dB
PAR	5.624 dB	0,0001%	5.578 dB

Go To Local
Show Remote Screen

### 8.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	5.62	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 707.50000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	23.134 dBm
Max Power	30.201 dBm
PAR	7.067 dB

Probability	
10,000%	2.297 dB
1,000%	4.406 dB
0,1000%	5.625 dB
0,0100%	6.281 dB
0,0010%	6.750 dB
0,0001%	6.797 dB

Go To Local
Show Remote Screen



**8.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	6.28	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 707.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999114
Sample Time	19.992 ms
Avg Power	22.497 dBm
Max Power	29.255 dBm
PAR	6.758 dB

Probability	
10,000%	2.859 dB
1,000%	5.063 dB
0,1000%	6.281 dB
0,0100%	6.656 dB
0,0010%	6.703 dB
0,0001%	6.750 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**8.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 707.50000 Ref. Level: 30.00 Connector:RF2COM

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

Power  
  Spectrum  
  FFT Spectrum  
  IQ Recorder  
  IQ vs. Slot  
  EPS

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

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.813 dB
Sample Time	20.483 ms	1,0000%	5.063 dB
Avg Power	22.150 dBm	0,1000%	6.422 dB
Max Power	30.043 dBm	0,0100%	7.172 dB
PAR	7.893 dB	0,0001%	7.781 dB

Go To Local
Show Remote Screen

### 8.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.06	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999112
Sample Time	19.992 ms
Avg Power	23.611 dBm
Max Power	29.081 dBm
PAR	5.470 dB

Probability	
10,000%	2.531 dB
1,000%	4.406 dB
0,1000%	5.063 dB
0,0100%	5.344 dB
0,0010%	5.391 dB
0,0001%	5.438 dB

Go To Local
Show Remote Screen

**8.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.67	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	22.709 dBm
Max Power	29.904 dBm
PAR	7.195 dB

Probability	
10,000%	2.297 dB
1,000%	4.453 dB
0,1000%	5.672 dB
0,0100%	6.422 dB
0,0010%	6.938 dB
0,0001%	7.125 dB

Go To Local
Show Remote Screen

**8.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	6	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999112
Sample Time	19.992 ms
Avg Power	22.064 dBm
Max Power	28.961 dBm
PAR	6.897 dB

Probability	
10,000%	2.813 dB
1,000%	5.063 dB
0,1000%	6.000 dB
0,0100%	6.422 dB
0,0010%	6.516 dB
0,0001%	6.844 dB

Go To Local
Show Remote Screen

**8.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

AWGN (red line)  
 Current (blue line)

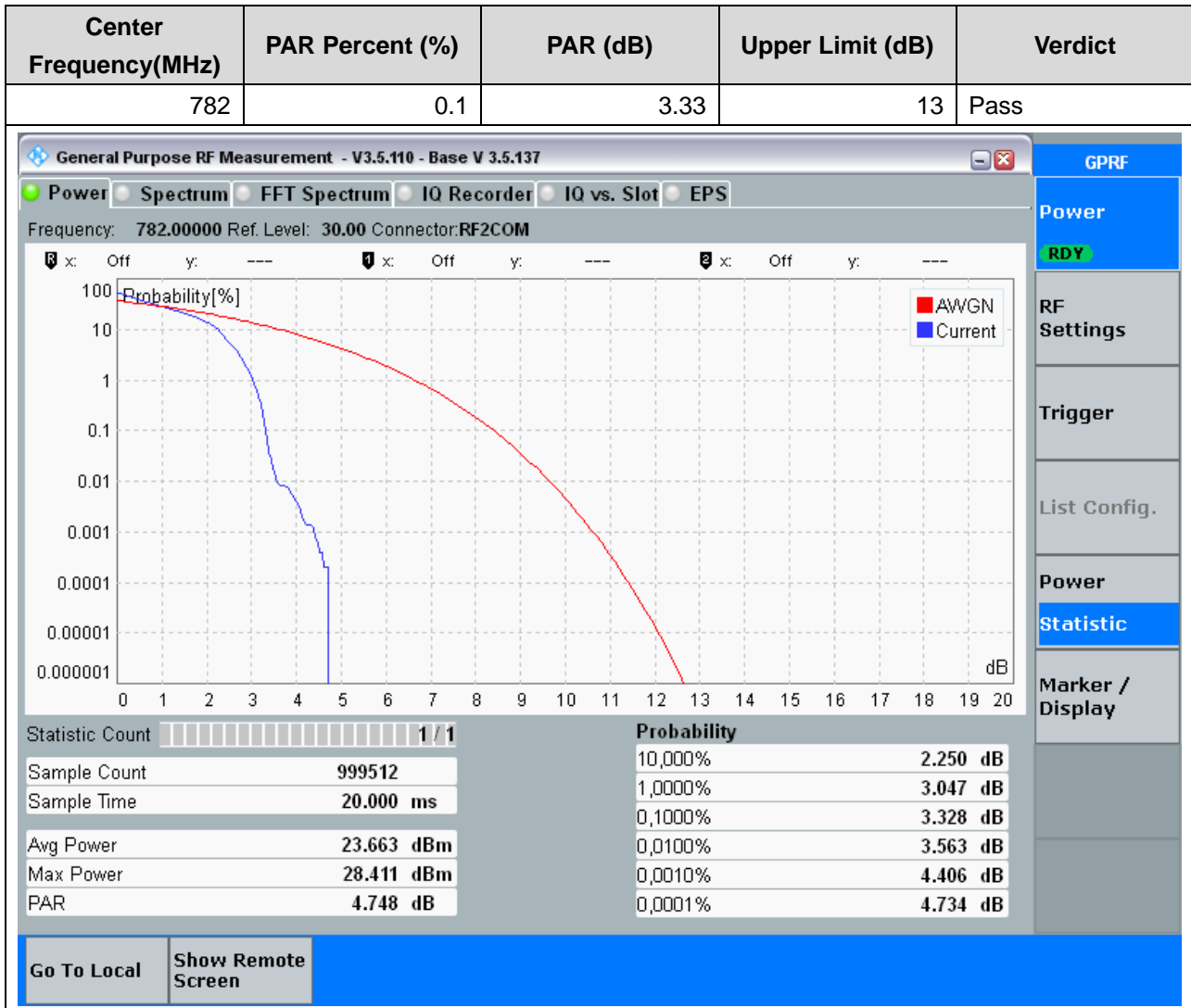
Statistic Count <span style="float: right;">1 / 1</span>	<b>Probability</b>
Sample Count <b>1024090</b>	10,000% <b>2.859 dB</b>
Sample Time <b>20.492 ms</b>	1,0000% <b>5.063 dB</b>
Avg Power <b>21.686 dBm</b>	0,1000% <b>6.422 dB</b>
Max Power <b>29.706 dBm</b>	0,0100% <b>7.266 dB</b>
PAR <b>8.020 dB</b>	0,0010% <b>7.828 dB</b>
	0,0001% <b>7.969 dB</b>

Go To Local
Show Remote Screen

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

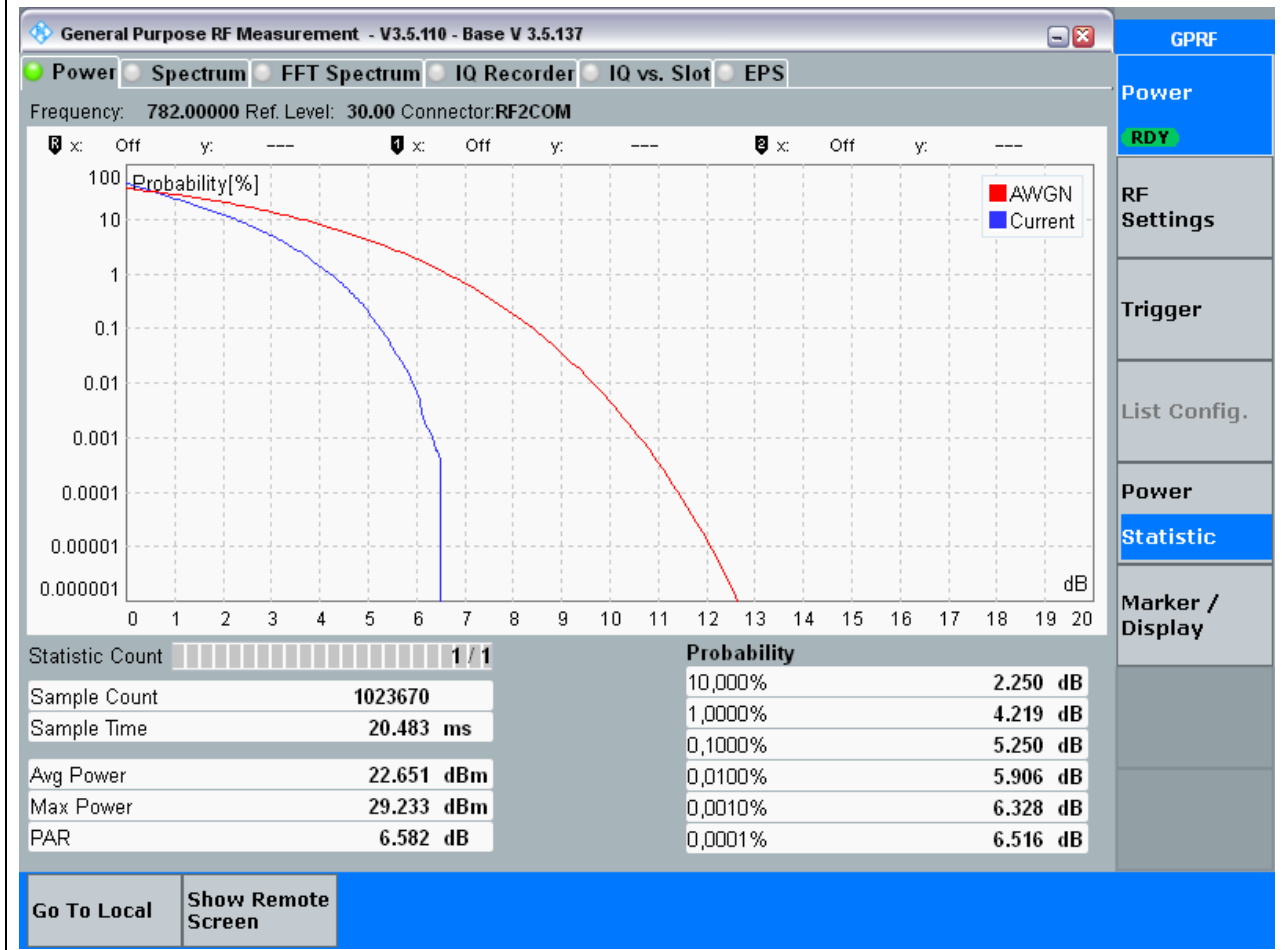
## 9. LTE\_Band13

### 9.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



## 9.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	5.25	13	Pass





### 9.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	4.36	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 782.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999112
Sample Time	19.992 ms
Avg Power	22.503 dBm
Max Power	28.230 dBm
PAR	5.727 dB

Probability	
10,000%	2.625 dB
1,000%	3.938 dB
0,1000%	4.359 dB
0,0100%	4.547 dB
0,0010%	5.438 dB
0,0001%	5.672 dB

Go To Local
Show Remote Screen

**9.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	6	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 782.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

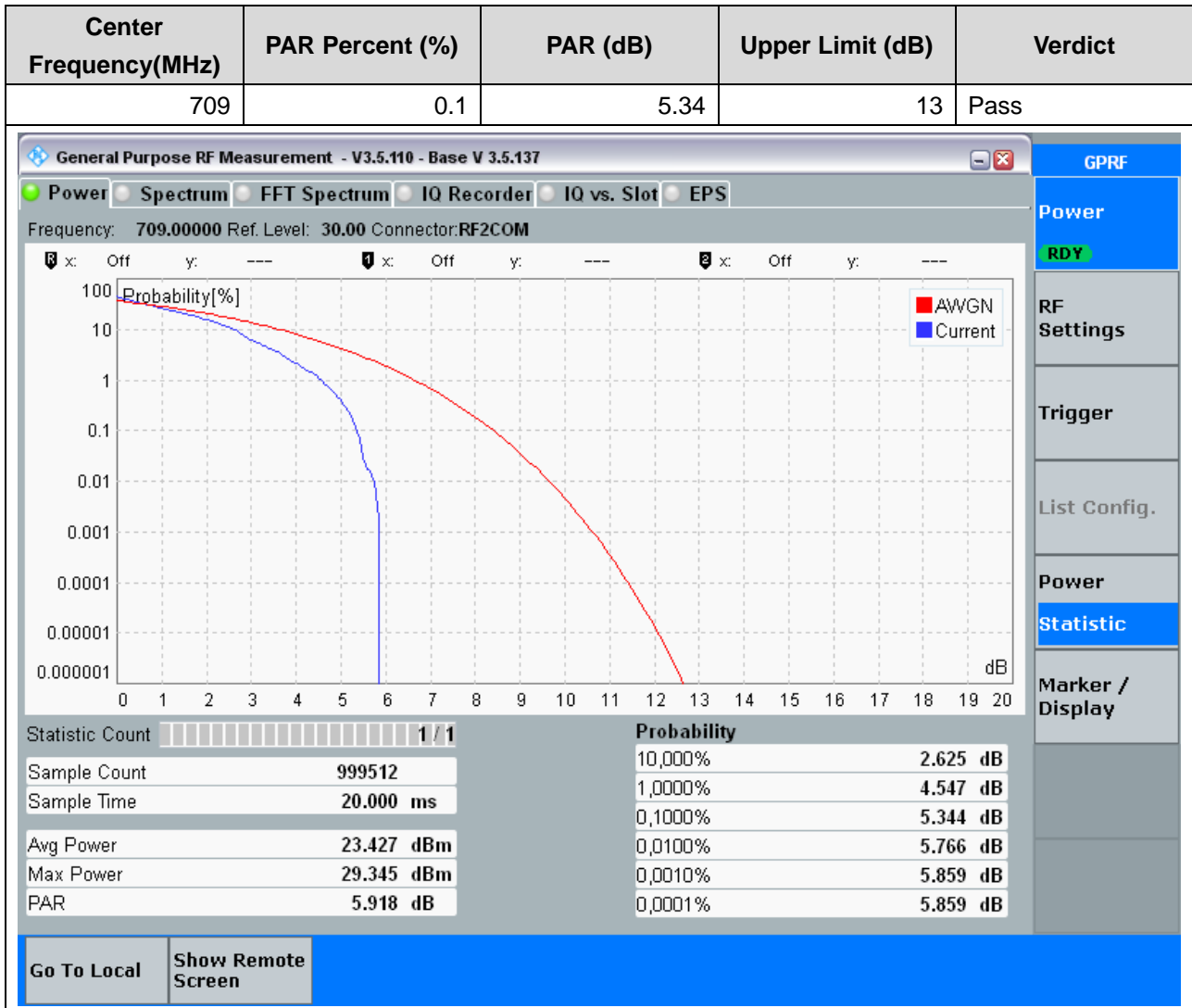
Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	21.597 dBm
Max Power	28.925 dBm
PAR	7.328 dB

Probability	
10,000%	2.813 dB
1,000%	4.828 dB
0,1000%	6.000 dB
0,0100%	6.750 dB
0,0010%	7.266 dB
0,0001%	7.313 dB

Go To Local
Show Remote Screen

## 10. LTE\_Band17

### 10.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



**10.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	5.67	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 709.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power  
  Spectrum  
  FFT Spectrum  
  IQ Recorder  
  IQ vs. Slot  
  EPS

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

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.297 dB
Sample Time	20.483 ms	1,0000%	4.453 dB
Avg Power	22.948 dBm	0,1000%	5.672 dB
Max Power	30.185 dBm	0,0100%	6.469 dB
PAR	7.237 dB	0,0001%	6.984 dB

Go To Local
Show Remote Screen

**10.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	6.37	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 709.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count		Probability	
Sample Count	999112	10,000%	2.766 dB
Sample Time	19.992 ms	1,0000%	5.250 dB
Avg Power	22.247 dBm	0,1000%	6.375 dB
Max Power	29.327 dBm	0,0010%	6.797 dB
PAR	7.080 dB	0,0001%	7.031 dB

Go To Local
Show Remote Screen

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

**10.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	6.37	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: **709.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

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

Statistic Count		Probability	
Sample Count	<b>1024088</b>	10,000%	<b>2.813 dB</b>
Sample Time	<b>20.492 ms</b>	1,0000%	<b>5.063 dB</b>
Avg Power	<b>22.103 dBm</b>	0,1000%	<b>6.375 dB</b>
Max Power	<b>29.972 dBm</b>	0,0100%	<b>7.266 dB</b>
PAR	<b>7.868 dB</b>	0,0010%	<b>7.781 dB</b>
		0,0001%	<b>7.828 dB</b>

Go To Local
Show Remote Screen

**10.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.2	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 710.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

AWGN (red line)  
 Current (blue line)

Statistic Count	1 / 1	<b>Probability</b>
Sample Count	999112	10,000%    2.578 dB
Sample Time	19.992 ms	1,0000%    4.500 dB
Avg Power	23.573 dBm	0,1000%    5.203 dB
Max Power	29.278 dBm	0,0010%    5.625 dB
PAR	5.705 dB	0,0001%    5.672 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**10.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 710.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	22.734 dBm
Max Power	29.995 dBm
PAR	7.261 dB

Probability	
10,000%	2.344 dB
1,000%	4.500 dB
0,1000%	5.719 dB
0,0100%	6.469 dB
0,0010%	6.938 dB
0,0001%	7.219 dB

Go To Local
Show Remote Screen



**10.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	6.19	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 710.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Statistic Count	
Sample Count	999512
Sample Time	20.000 ms
Avg Power	22.580 dBm
Max Power	29.237 dBm
PAR	6.657 dB

Probability	
10,000%	2.813 dB
1,000%	5.063 dB
0,1000%	6.188 dB
0,0100%	6.516 dB
0,0010%	6.609 dB
0,0001%	6.609 dB

Go To Local
Show Remote Screen

**10.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: **710.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

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

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	21.808 dBm
Max Power	29.776 dBm
PAR	7.968 dB

Probability	
10,000%	2.813 dB
1,0000%	5.063 dB
0,1000%	6.422 dB
0,0100%	7.219 dB
0,0010%	7.688 dB
0,0001%	7.922 dB

Go To Local
Show Remote Screen

**10.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.11	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count	
Sample Count	999112
Sample Time	19.992 ms
Avg Power	23.507 dBm
Max Power	29.038 dBm
PAR	5.531 dB

Probability	
10,000%	2.484 dB
1,000%	4.406 dB
0,1000%	5.109 dB
0,0100%	5.391 dB
0,0010%	5.438 dB
0,0001%	5.484 dB

Go To Local
Show Remote Screen

**10.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: **711.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Probability[%]

Legend: ■ AWGN ■ Current

Statistic Count	
Sample Count	1024090
Sample Time	20.492 ms
Avg Power	22.673 dBm
Max Power	30.131 dBm
PAR	7.459 dB

Probability	
10,000%	2.297 dB
1,000%	4.500 dB
0,1000%	5.719 dB
0,0100%	6.422 dB
0,0010%	6.938 dB
0,0001%	7.219 dB

Go To Local
Show Remote Screen

**10.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.95	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	998712
Sample Time	19.984 ms
Avg Power	22.143 dBm
Max Power	28.997 dBm
PAR	6.854 dB

Probability	
10,000%	2.813 dB
1,0000%	5.016 dB
0,1000%	5.953 dB
0,0100%	6.328 dB
0,0010%	6.469 dB
0,0001%	6.797 dB

Go To Local
Show Remote Screen

**10.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	6.47	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

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

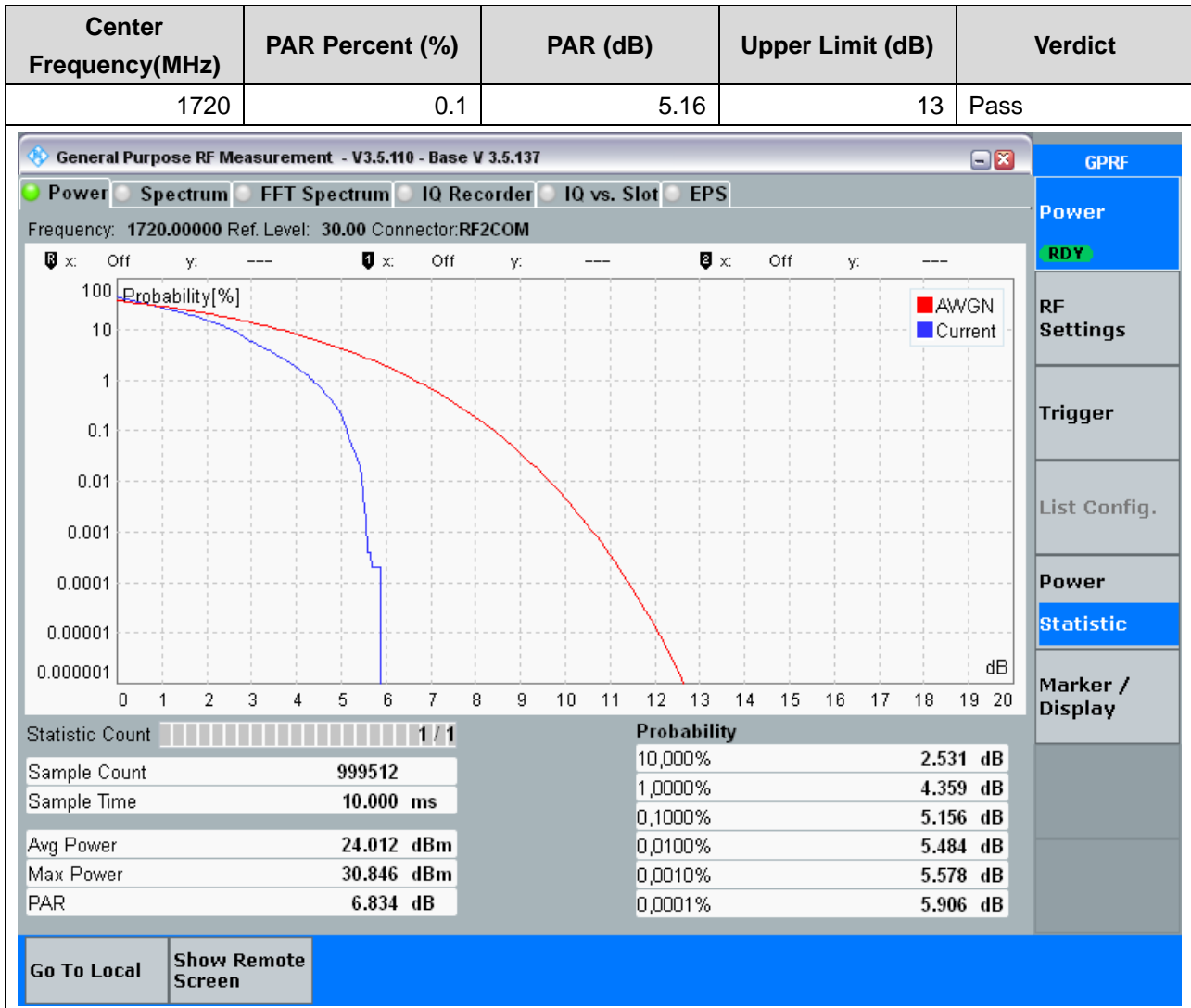
Statistic Count	
Sample Count	1024090
Sample Time	20.492 ms
Avg Power	21.589 dBm
Max Power	29.630 dBm
PAR	8.040 dB

Probability	
10,000%	2.859 dB
1,0000%	5.063 dB
0,1000%	6.469 dB
0,0100%	7.266 dB
0,0010%	7.828 dB
0,0001%	7.969 dB

Go To Local
Show Remote Screen

## 11. LTE\_Band66

### 11.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



**11.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF  
 Power  
RDY

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

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

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	22.857 dBm
Max Power	30.739 dBm
PAR	7.881 dB

Probability	
10,000%	2.297 dB
1,0000%	4.453 dB
0,1000%	5.719 dB
0,0100%	6.516 dB
0,0010%	7.078 dB
0,0001%	7.078 dB

Go To Local
Show Remote Screen



**11.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.77	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Legend: AWGN (red), Current (blue)

Statistic Count		Probability	
Sample Count	999514	10,000%	2.766 dB
Sample Time	10.000 ms	1,0000%	4.875 dB
Avg Power	23.085 dBm	0,1000%	5.766 dB
Max Power	30.313 dBm	0,0010%	6.844 dB
PAR	7.228 dB	0,0001%	6.844 dB

1 / 1

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

**11.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	6.37	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137  
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF  
 Power  
RDY

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	22.039 dBm
Max Power	30.824 dBm
PAR	8.785 dB

Probability	
10,000%	2.813 dB
1,0000%	5.016 dB
0,1000%	6.375 dB
0,0100%	7.359 dB
0,0010%	7.875 dB
0,0001%	7.875 dB

Go To Local
Show Remote Screen

**11.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.34	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count		Probability	
Sample Count	999514	10,000%	2.531 dB
Sample Time	10.000 ms	1,0000%	4.453 dB
Avg Power	24.100 dBm	0,1000%	5.344 dB
Max Power	30.271 dBm	0,0010%	5.766 dB
PAR	6.171 dB	0,0001%	5.813 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**11.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

AWGN (red line)  
 Current (blue line)

Statistic Count	1 / 1	<b>Probability</b>
Sample Count	998512	10,000%    2.297 dB
Sample Time	9.990 ms	1,0000%    4.453 dB
Avg Power	22.954 dBm	0,1000%    5.719 dB
Max Power	30.242 dBm	0,0010%    6.891 dB
PAR	7.288 dB	0,0001%    6.984 dB

Go To Local
Show Remote Screen

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

**11.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.23	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	999512
Sample Time	10.000 ms
Avg Power	22.839 dBm
Max Power	30.188 dBm
PAR	7.350 dB

Probability	
10,000%	2.813 dB
1,000%	4.969 dB
0,1000%	6.234 dB
0,0100%	6.891 dB
0,0010%	7.078 dB
0,0001%	7.078 dB

Go To Local
Show Remote Screen

**11.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.42	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

AWGN (red line)  
 Current (blue line)

Statistic Count	1 / 1	<b>Probability</b>
Sample Count	998512	10,000%    2.859 dB
Sample Time	9.990 ms	1,0000%    5.063 dB
Avg Power	21.980 dBm	0,1000%    6.422 dB
Max Power	30.467 dBm	0,0100%    7.453 dB
PAR	8.488 dB	0,0010%    7.969 dB
		0,0001%    7.969 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**11.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	5.44	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS  
 x: Off y: --- x: Off y: --- x: Off y: ---

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	24.030 dBm
Max Power	30.064 dBm
PAR	6.034 dB

Probability	
10,000%	2.531 dB
1,000%	4.453 dB
0,1000%	5.438 dB
0,0100%	5.719 dB
0,0010%	5.813 dB
0,0001%	5.906 dB

Go To Local
Show Remote Screen

**11.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	5.72	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS  
 Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF  
 Power  
RDY

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	22.949 dBm
Max Power	30.773 dBm
PAR	7.823 dB

Probability	
10,000%	2.297 dB
1,000%	4.406 dB
0,1000%	5.719 dB
0,0100%	6.516 dB
0,0010%	6.984 dB
0,0001%	6.984 dB

Go To Local
Show Remote Screen



**11.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	6.33	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	23.219 dBm
Max Power	30.068 dBm
PAR	6.848 dB

Probability	
10,000%	2.813 dB
1,0000%	5.297 dB
0,1000%	6.328 dB
0,0100%	6.609 dB
0,0010%	6.703 dB
0,0001%	6.703 dB

Go To Local
Show Remote Screen

**11.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	6.37	13	Pass

**General Purpose RF Measurement - V3.5.110 - Base V 3.5.137**  
 Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF  
**Power**  
 RDY !

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

Statistic Count	Value
Sample Count	998512
Sample Time	9.990 ms
Avg Power	22.191 dBm
Max Power	30.804 dBm
PAR	8.612 dB

Probability	Value
10,000%	2.813 dB
1,000%	5.016 dB
0,1000%	6.375 dB
0,0100%	7.313 dB
0,0010%	7.734 dB
0,0001%	7.734 dB

Go To Local
Show Remote Screen

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