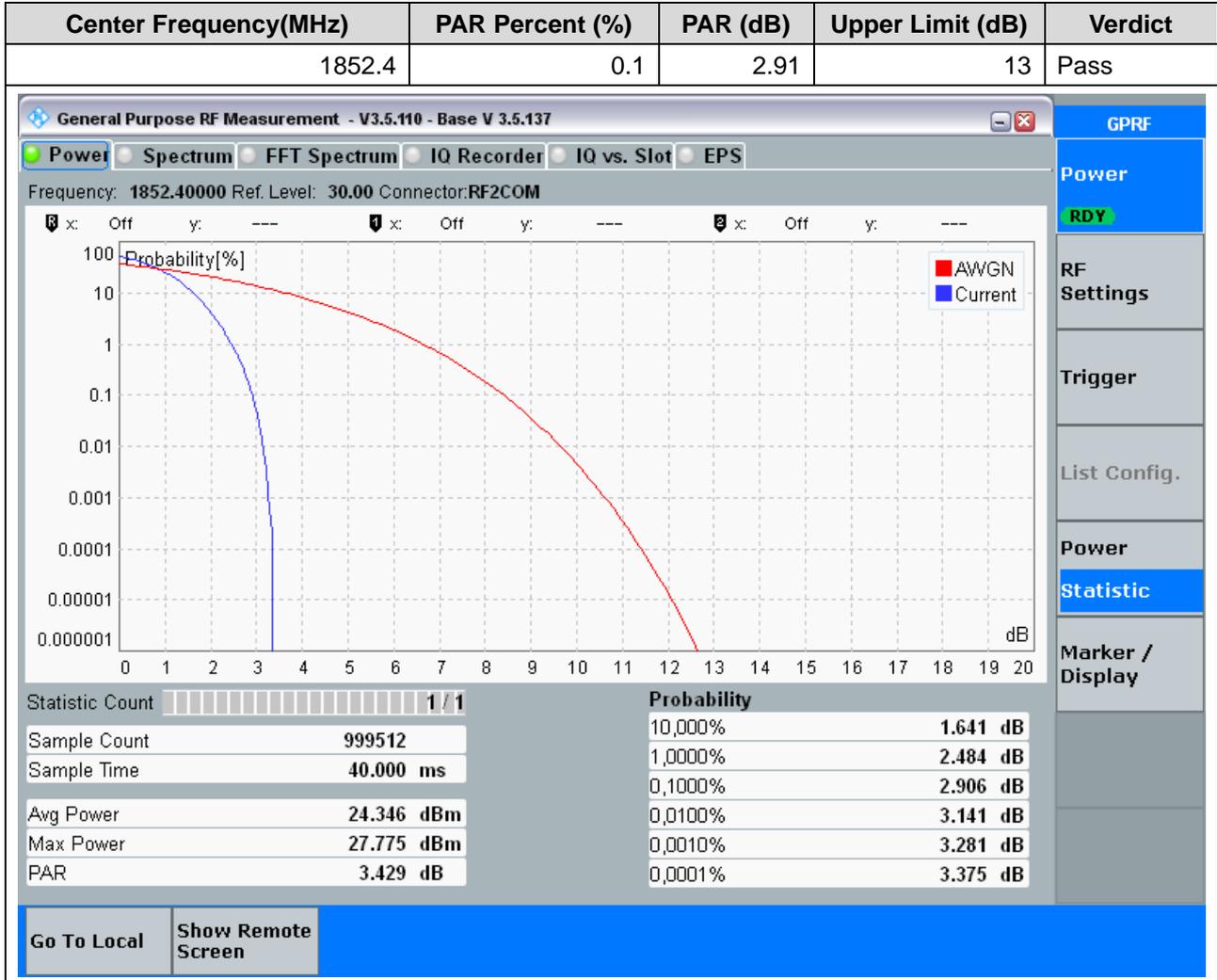


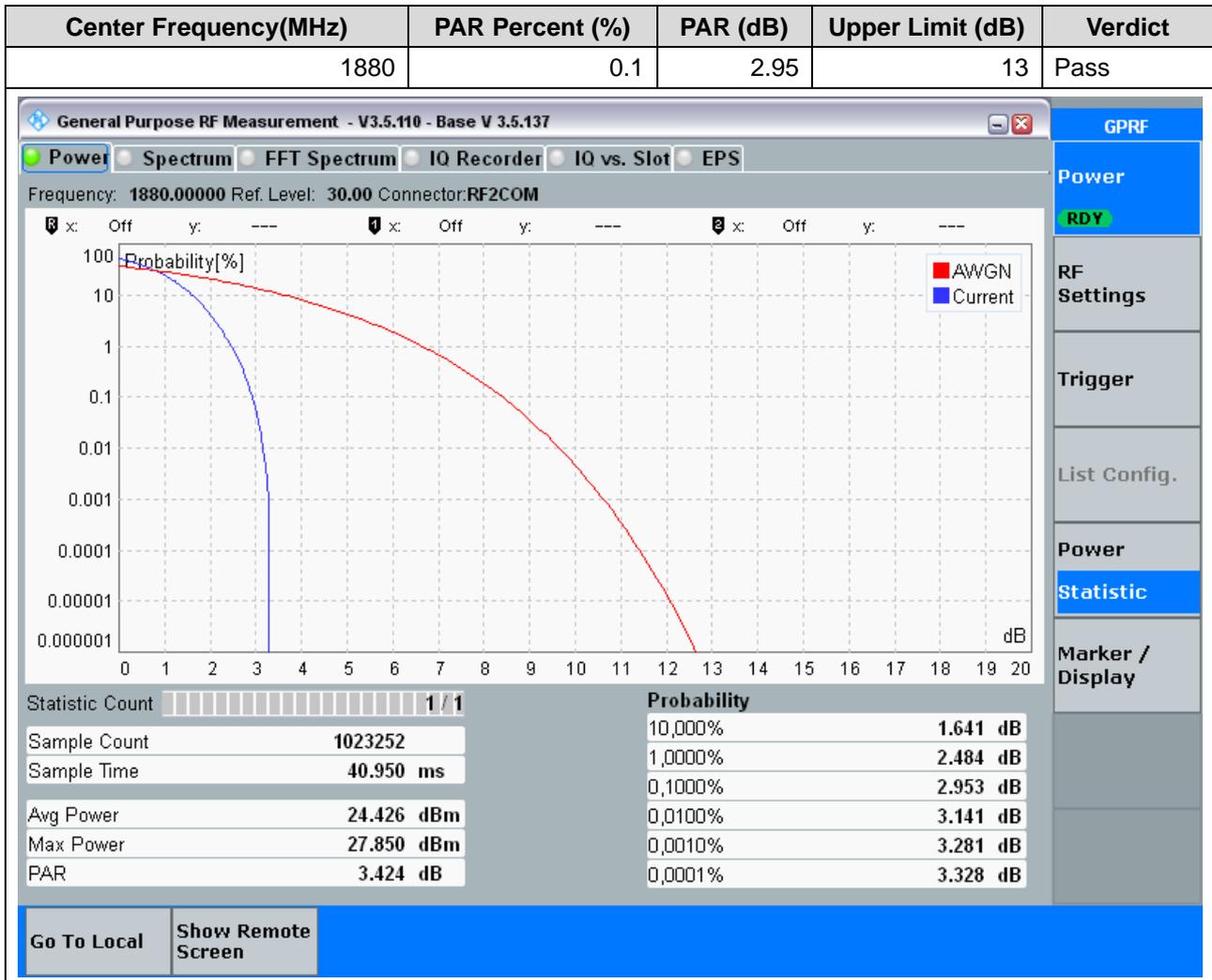
A.2 Peak to Average Ratio

1. WCDMA_Band2

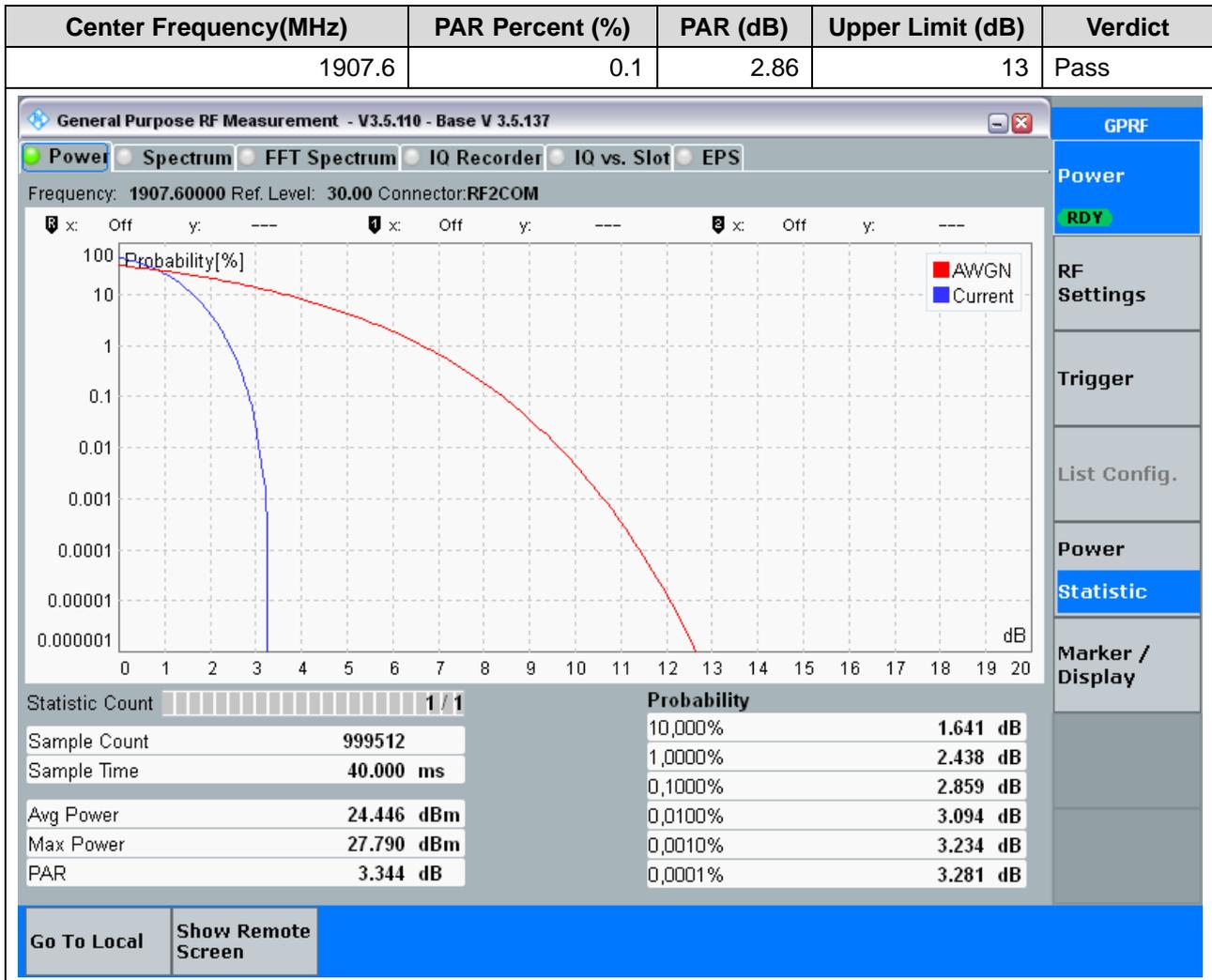
1.1. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9262)



1.2. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9400)

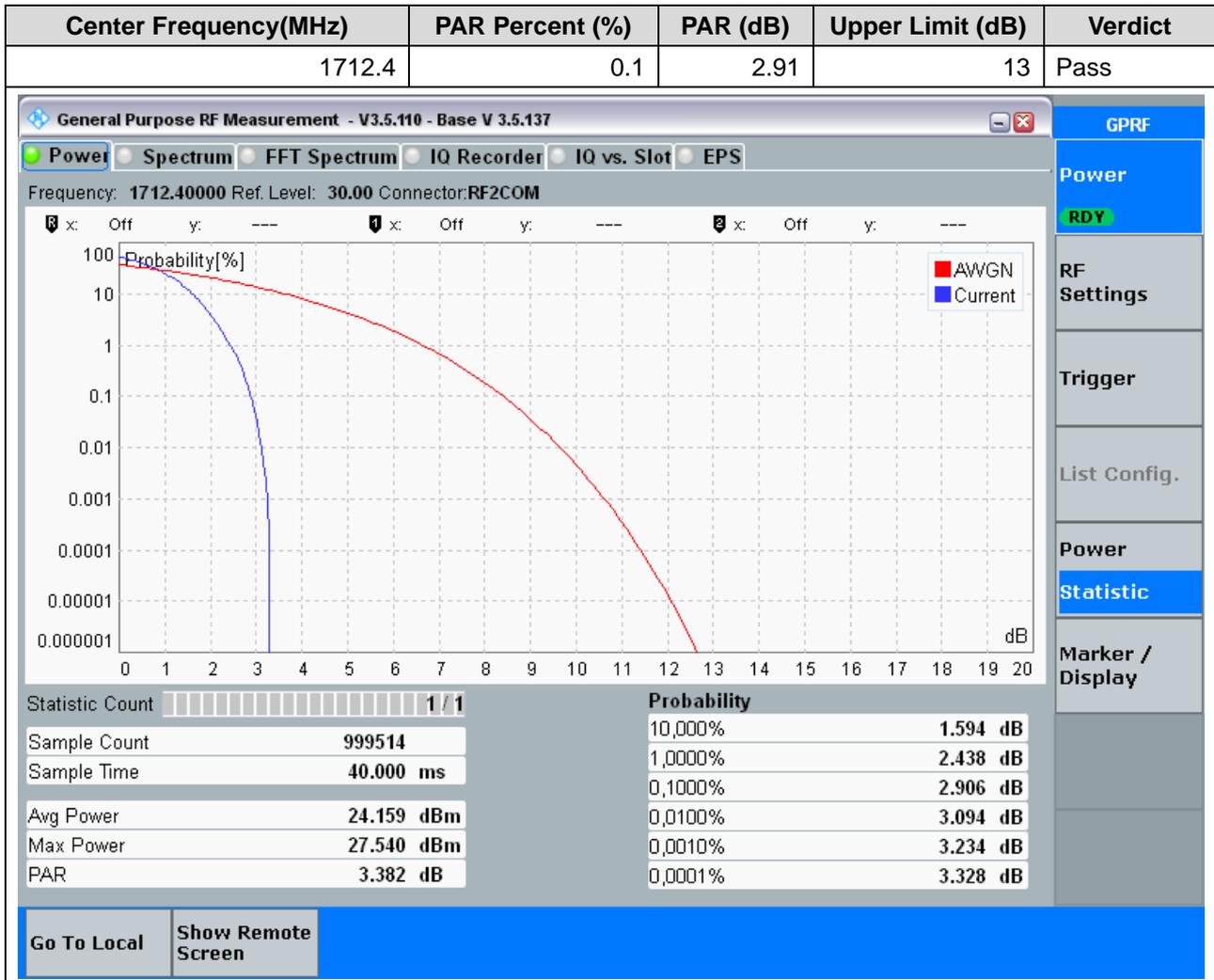


1.3. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9538)

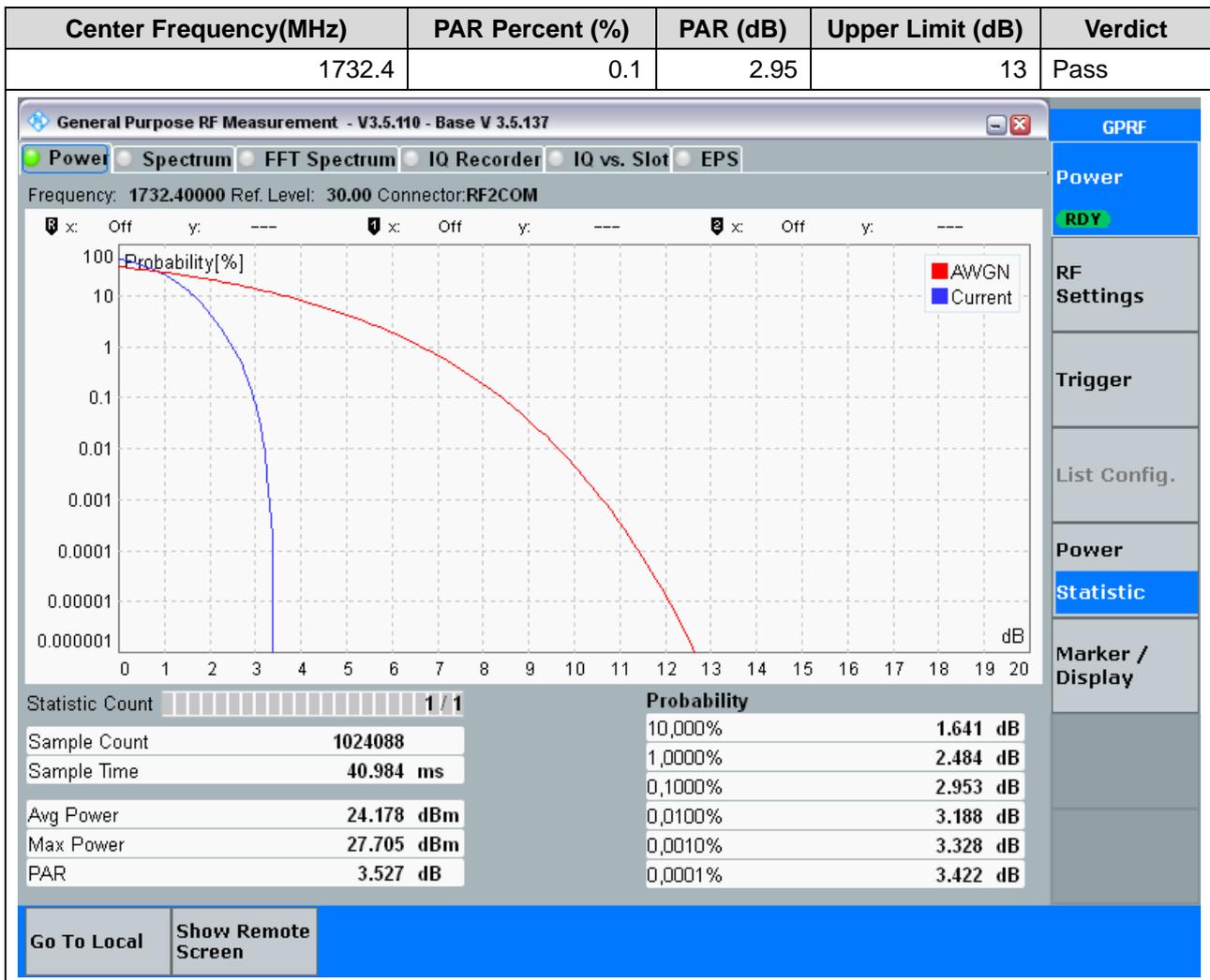


2. WCDMA_Band4

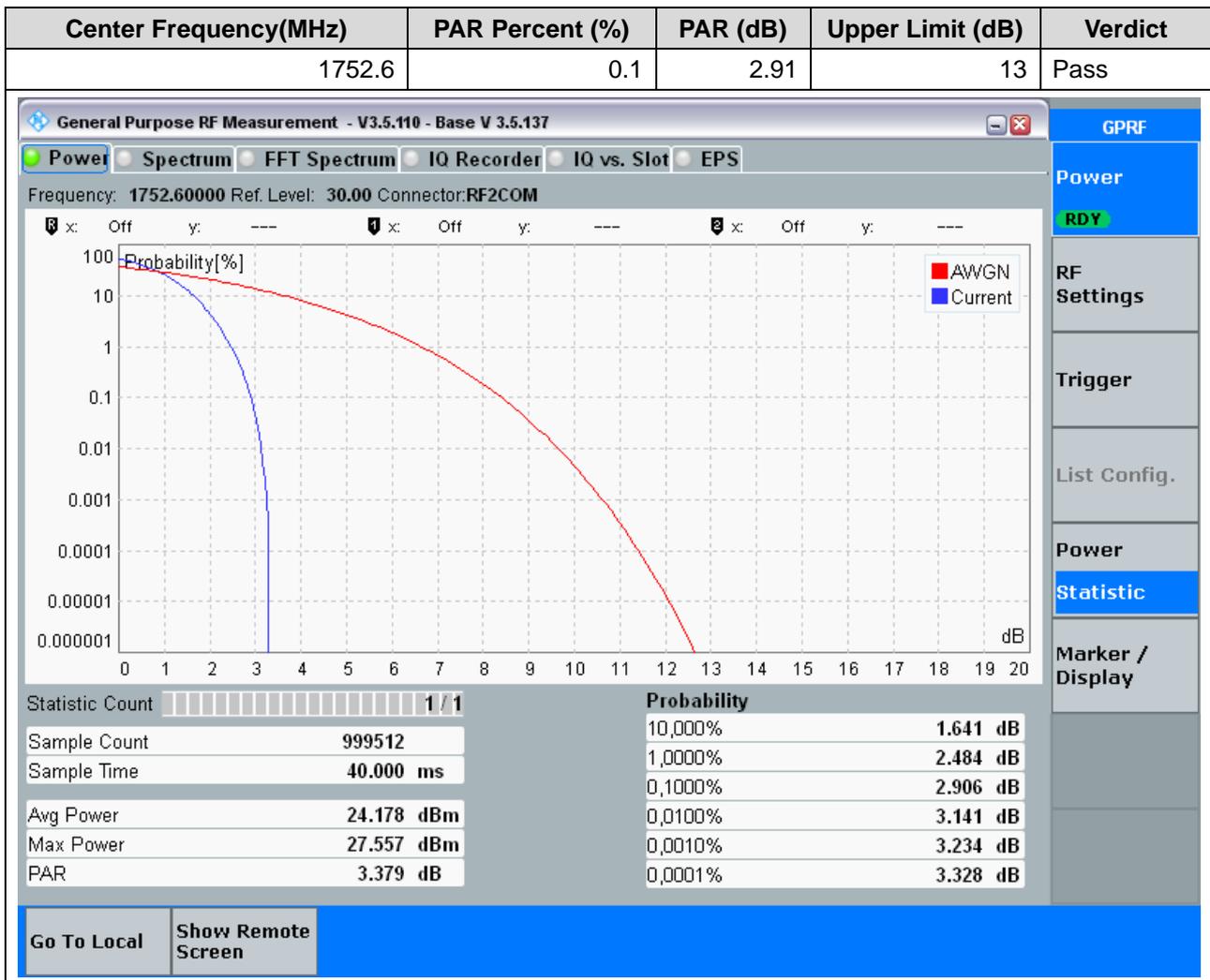
2.1. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:1312)



2.2. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:1412)

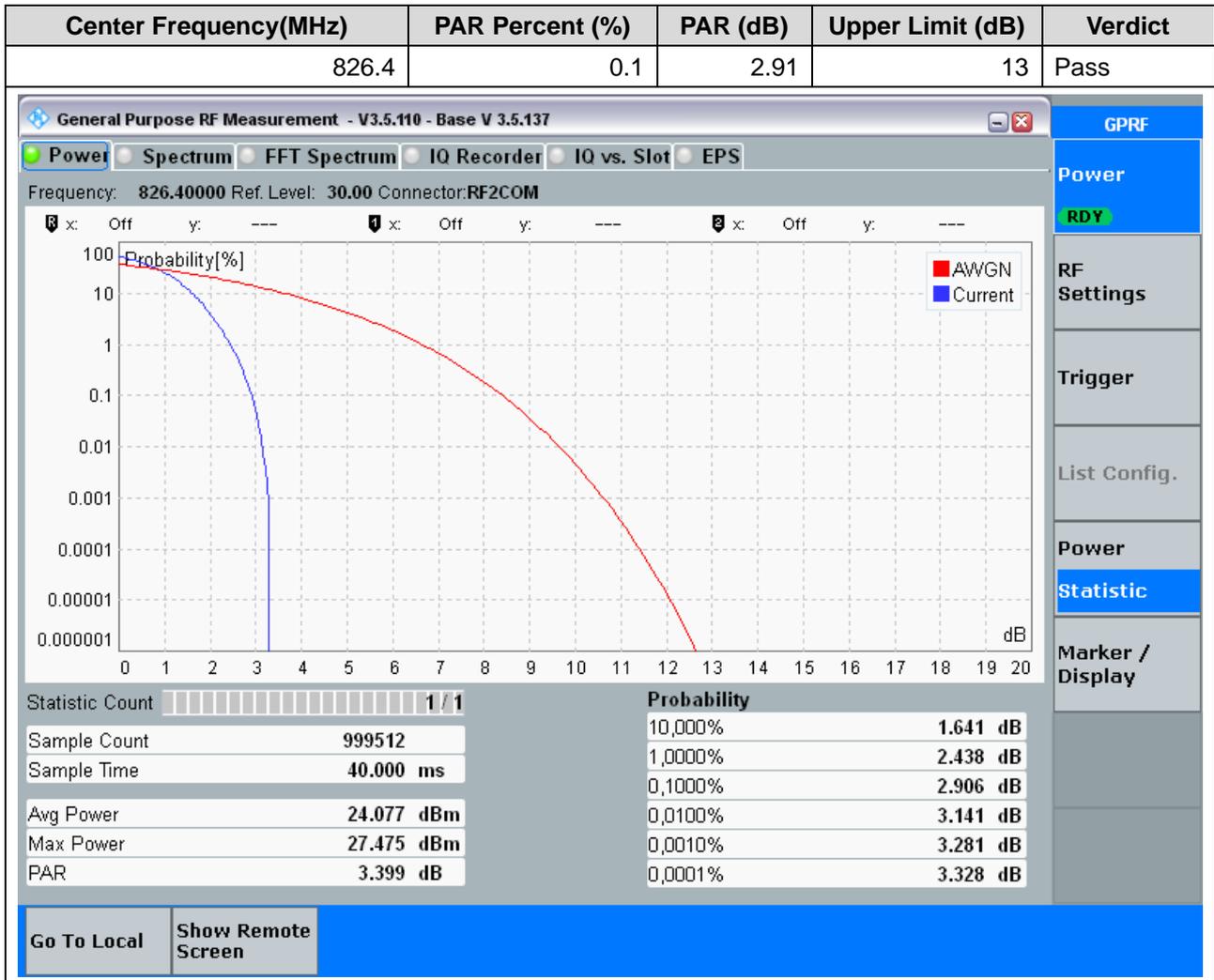


2.3. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:1513)

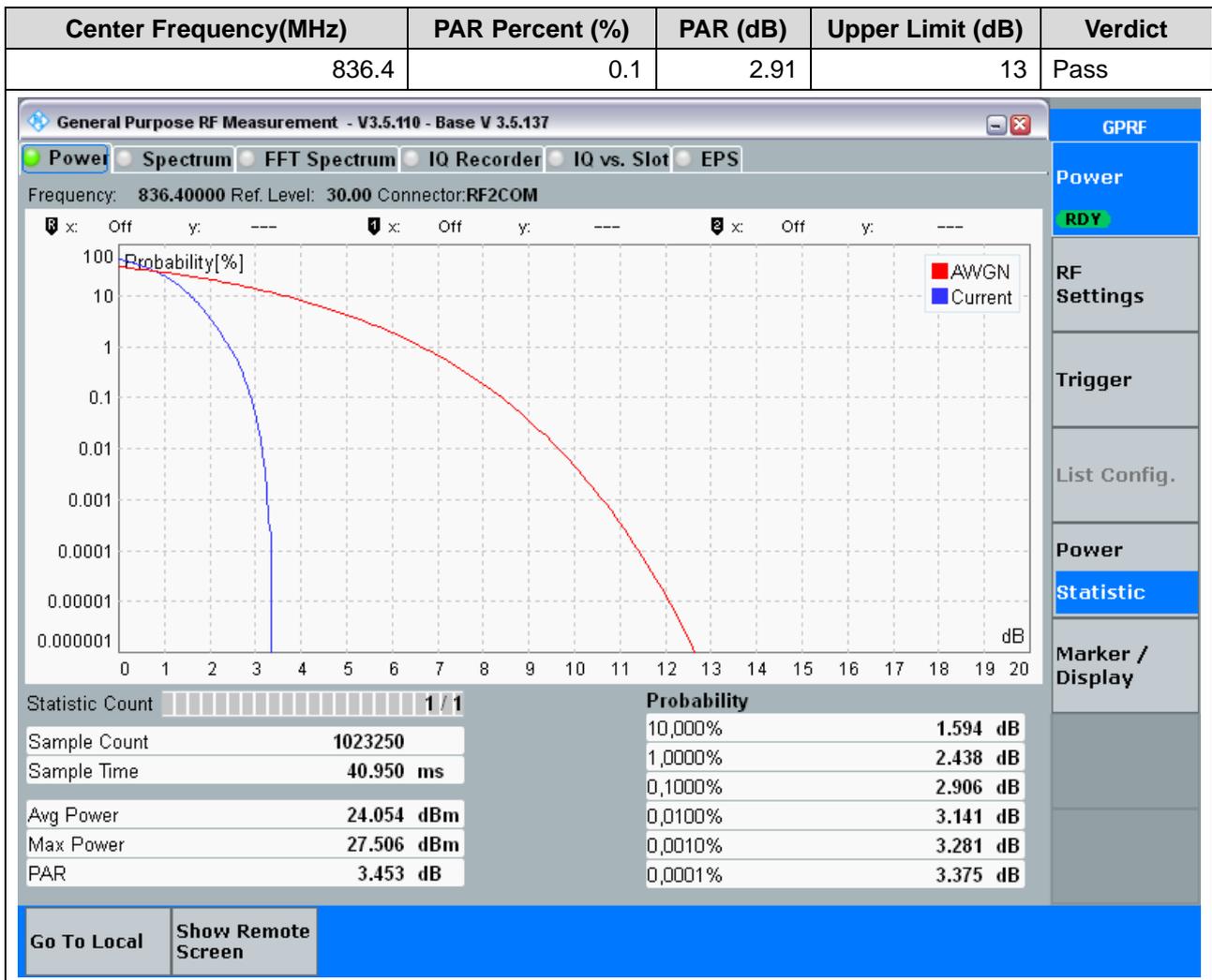


3. WCDMA_Band5

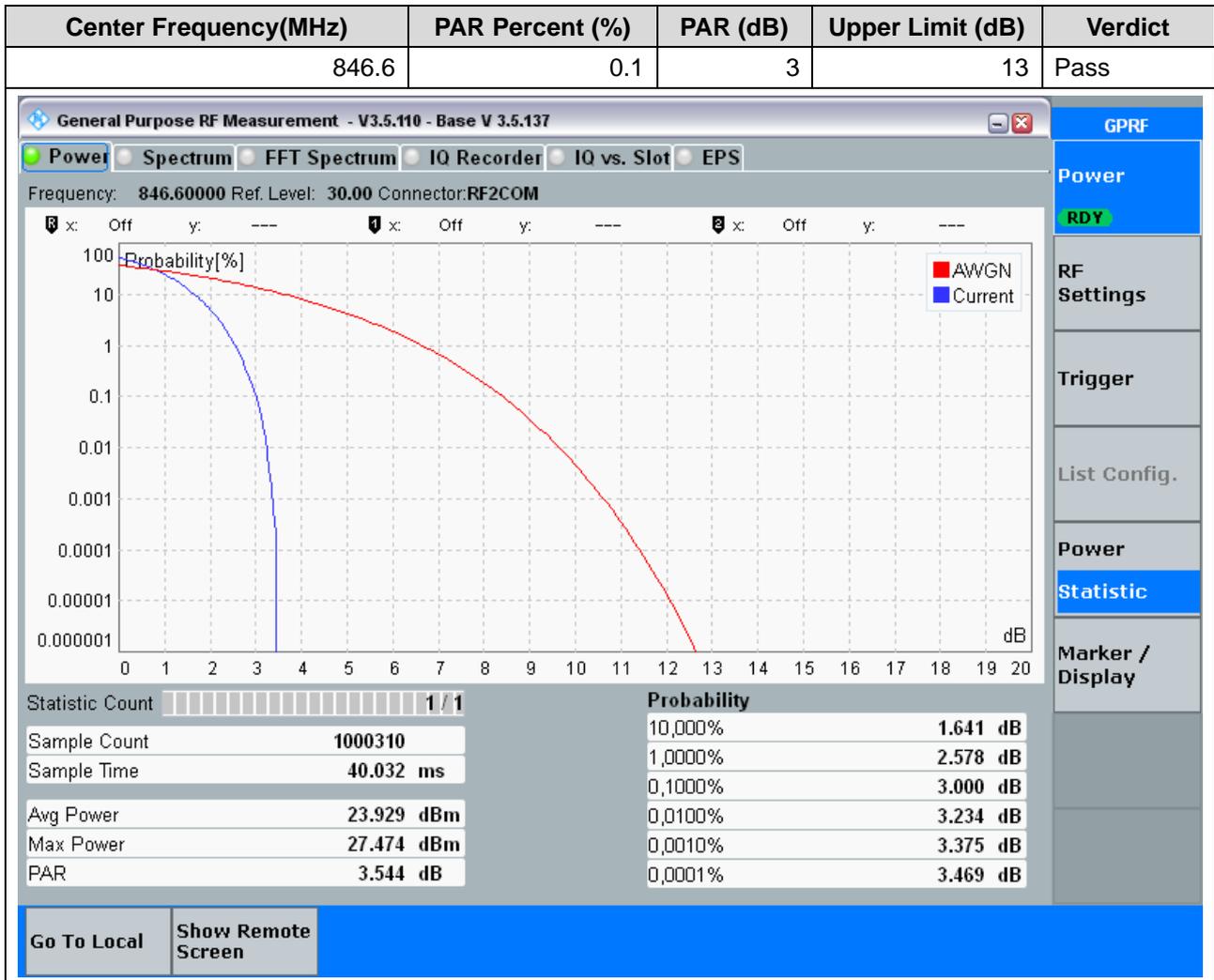
3.1. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:4132)



3.2. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:4182)

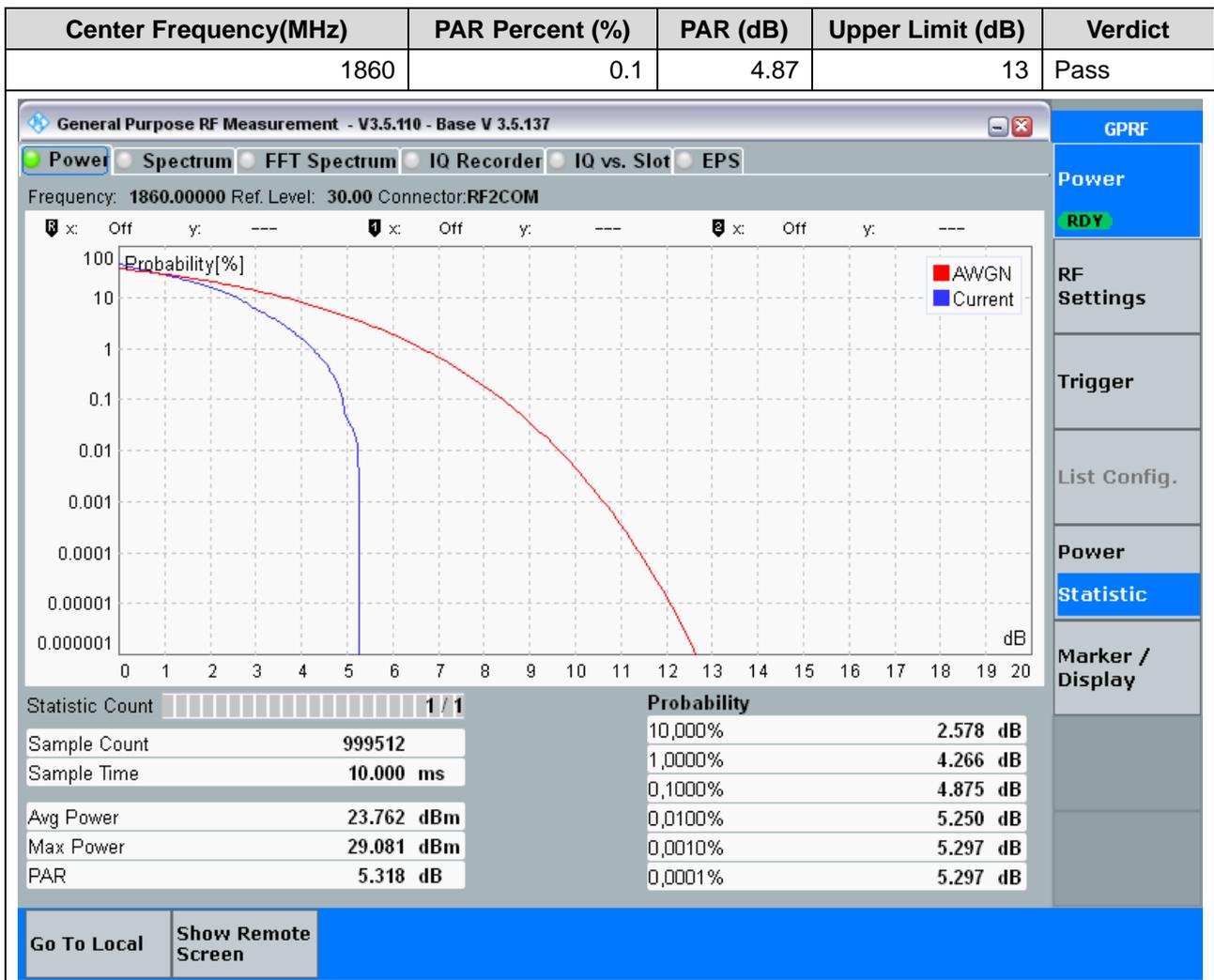


3.3. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:4233)



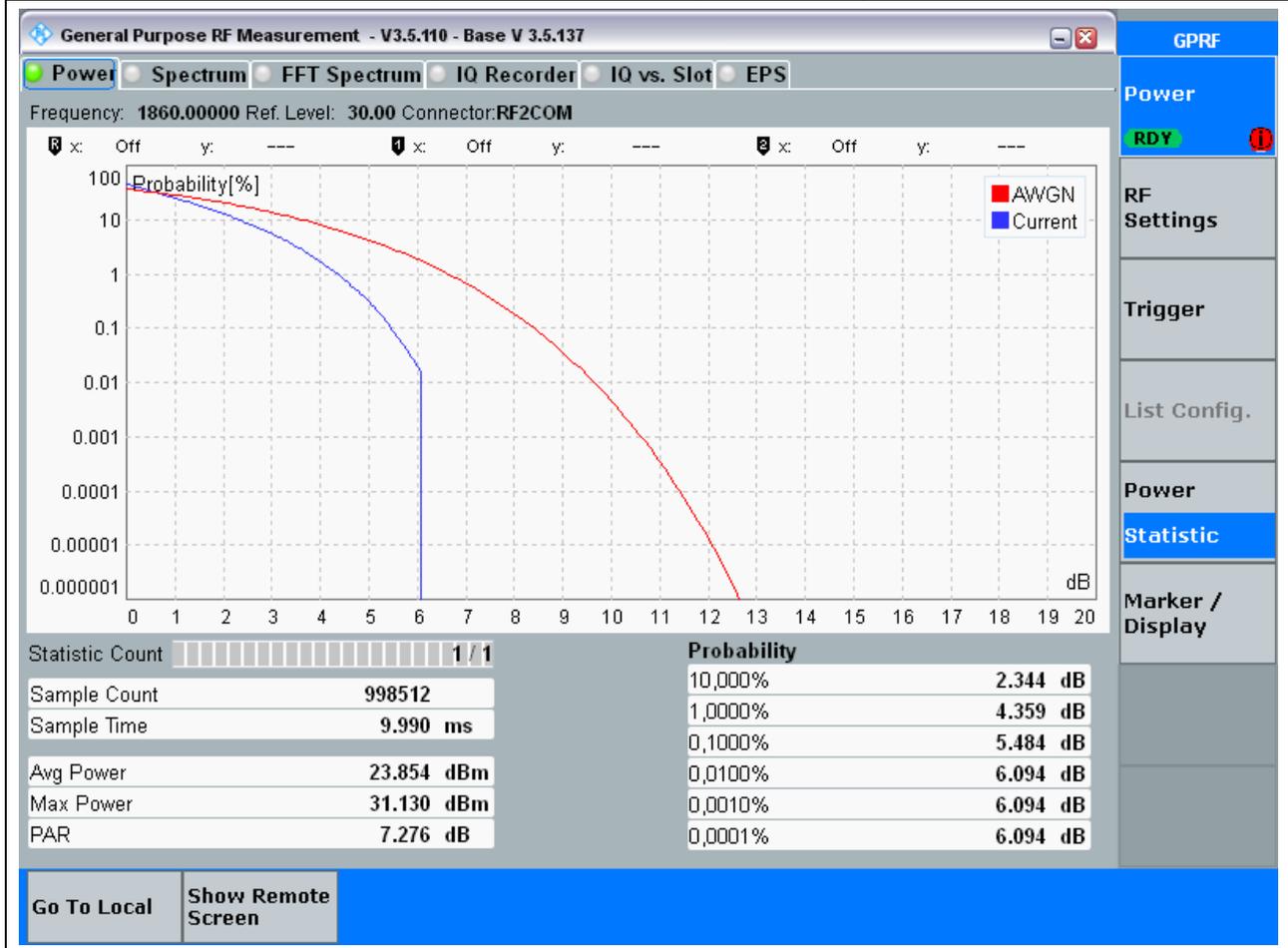
1. LTE_Band2

1.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



1.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	5.48	13	Pass



1.3. 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	5.02	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Power
RDY

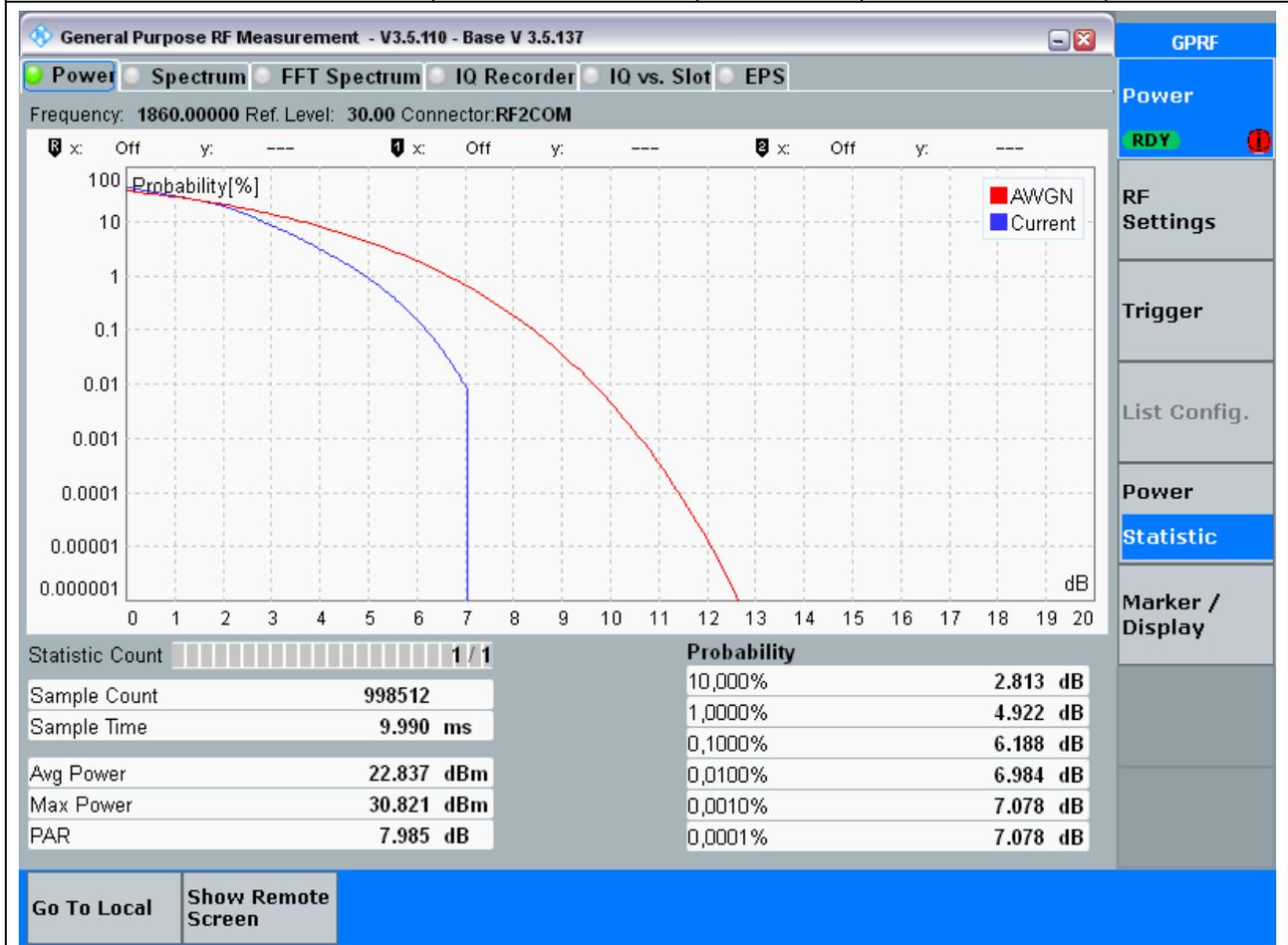
Frequency: 1860.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count 1 / 1		Probability	
Sample Count	999514	10,000%	2.719 dB
Sample Time	10.000 ms	1,0000%	4.453 dB
		0,1000%	5.016 dB
Avg Power	23.915 dBm	0,0100%	5.156 dB
Max Power	29.199 dBm	0,0010%	5.203 dB
PAR	5.284 dB	0,0001%	5.203 dB

Go To Local
Show Remote Screen

1.4. 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	6.19	13	Pass



1.5. 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	5.34	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
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

■ AWGN
■ Current

Statistic Count 1 / 1	
Sample Count 999514	Probability
Sample Time 10.000 ms	10,000% 2.578 dB
Avg Power 23.750 dBm	1,0000% 4.453 dB
Max Power 29.652 dBm	0,1000% 5.344 dB
PAR 5.901 dB	0,0100% 5.719 dB
	0,0010% 5.859 dB
	0,0001% 5.859 dB

Go To Local
Show Remote Screen

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

1.6. 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	5.44	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main window shows a CDF plot with 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) and 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a sharp drop at approximately 6 dB, while the 'AWGN' curve is much flatter. Below the plot, a table provides statistical data:

Statistic	Value	Probability	Value
Sample Count	998512	10,000%	2.297 dB
Sample Time	9.990 ms	1,0000%	4.313 dB
Avg Power	23.852 dBm	0,1000%	5.438 dB
Max Power	30.611 dBm	0,0100%	6.047 dB
PAR	6.759 dB	0,0010%	6.094 dB
		0,0001%	6.094 dB

At the bottom of the interface, there are buttons for 'Go To Local' and 'Show Remote Screen'. A sidebar on the right contains navigation options like 'GPRF', 'Power', 'RF Settings', 'Trigger', 'List Config.', 'Power', 'Statistic', and 'Marker / Display'.

1.7. 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	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

Probability[%]

Statistic Count		Probability	
Sample Count	999514	10,000%	2.813 dB
Sample Time	10.000 ms	1,0000%	4.781 dB
		0,1000%	5.719 dB
Avg Power	23.802 dBm	0,0100%	6.094 dB
Max Power	30.299 dBm	0,0010%	6.141 dB
PAR	6.497 dB	0,0001%	6.141 dB

Go To Local

Show Remote Screen

Statistic

1.8. 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	6.19	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main plot shows the Cumulative Distribution Function (CDF) of power levels. The y-axis represents 'Probability[%]' on a logarithmic scale from 0.000001 to 100. The x-axis represents power in 'dB' from 0 to 20. Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a sharp drop at approximately 7 dB, while the 'AWGN' curve continues to rise more gradually.

Statistic Count		Probability	
Sample Count	998512	10,000%	2.859 dB
Sample Time	9.990 ms	1,0000%	4.922 dB
Avg Power	22.852 dBm	0,1000%	6.188 dB
Max Power	30.903 dBm	0,0010%	7.078 dB
PAR	8.051 dB	0,0001%	7.078 dB

At the bottom of the interface, there are buttons for 'Go To Local' and 'Show Remote Screen'.

1.9. 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	5.3	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
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count 1 / 1	Probability
Sample Count 999512	10,000% 2.531 dB
Sample Time 10.000 ms	1,0000% 4.359 dB
Avg Power 23.787 dBm	0,1000% 5.297 dB
Max Power 29.610 dBm	0,0100% 5.672 dB
PAR 5.823 dB	0,0010% 5.766 dB
	0,0001% 5.766 dB

Go To Local
Show Remote Screen

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

1.10. 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	5.39	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
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	23.846 dBm
Max Power	30.802 dBm
PAR	6.956 dB

Probability	
10,000%	2.297 dB
1,0000%	4.266 dB
0,1000%	5.391 dB
0,0100%	6.000 dB
0,0010%	6.094 dB
0,0001%	6.094 dB

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

Go To Local

Show Remote Screen

1.11. 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	5.67	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main plot shows a Cumulative Distribution Function (CDF) with 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) and 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a sharp drop at approximately 6 dB, while the 'AWGN' curve is much flatter. Below the plot is a statistics table.

Statistic Count		Probability	
Sample Count	999512	10,000%	2.813 dB
Sample Time	10.000 ms	1,0000%	4.969 dB
Avg Power	23.865 dBm	0,1000%	5.672 dB
Max Power	30.099 dBm	0,0010%	6.047 dB
PAR	6.234 dB	0,0001%	6.047 dB

At the bottom of the interface, there are buttons for 'Go To Local' and 'Show Remote Screen'.

1.12. 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	6.14	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
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%	2.859 dB
Sample Time	9.990 ms	1,0000%	4.922 dB
Avg Power	22.823 dBm	0,1000%	6.141 dB
Max Power	30.880 dBm	0,0010%	7.125 dB
PAR	8.057 dB	0,0001%	7.125 dB

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

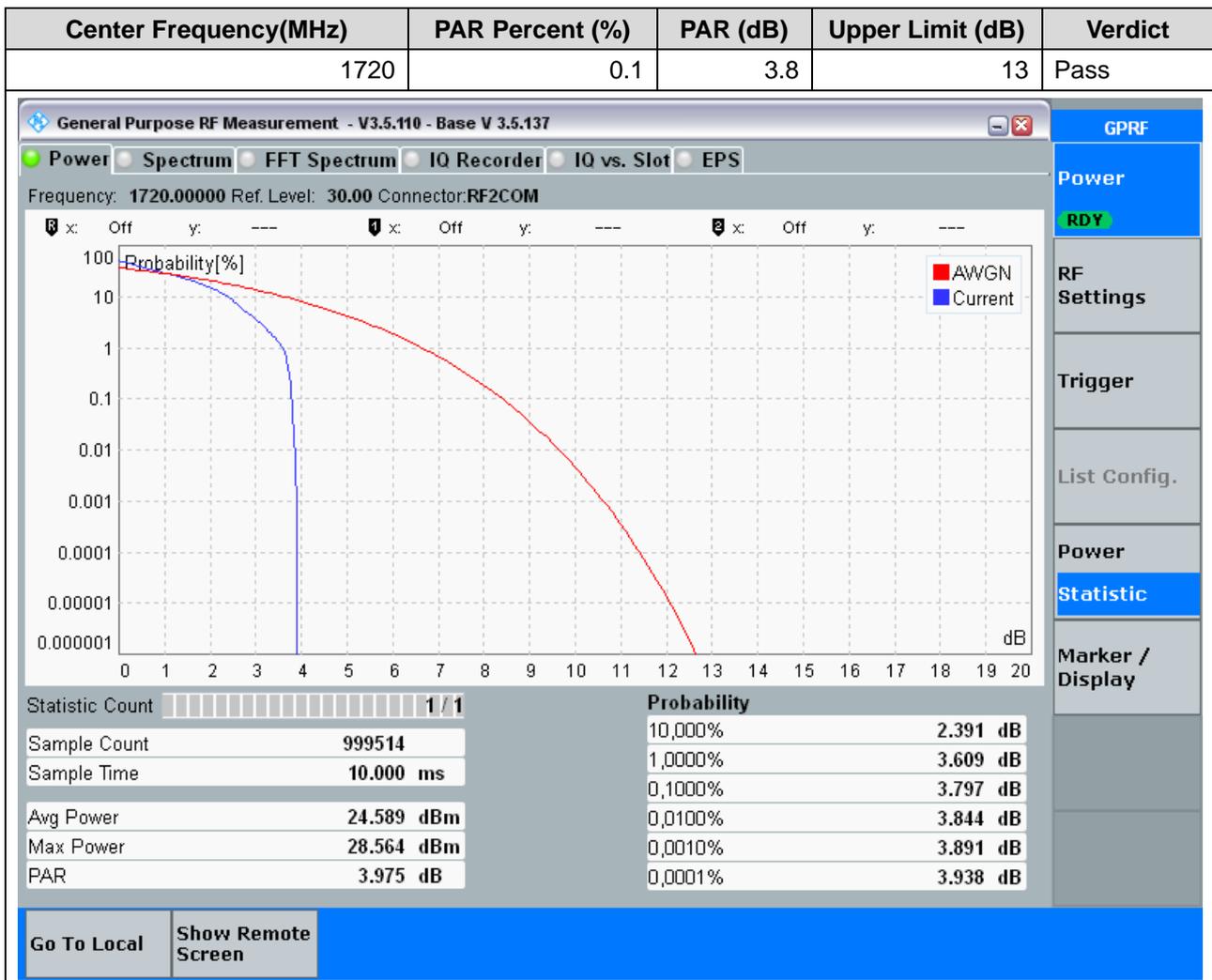
Marker / Display

Go To Local

Show Remote Screen

2. LTE_Band4

2.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



2.2. 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	5.06	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

Probability[%]

Statistic Count		Probability	
Sample Count	998512	10,000%	2.250 dB
Sample Time	9.990 ms	1,0000%	4.266 dB
Avg Power	23.637 dBm	0,1000%	5.063 dB
Max Power	29.755 dBm	0,0010%	5.672 dB
PAR	6.118 dB	0,0001%	6.047 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.3. 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	4.59	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	999512	10,000%	2.719 dB
Sample Time	10.000 ms	1,0000%	4.219 dB
Avg Power	23.718 dBm	0,1000%	4.594 dB
Max Power	28.432 dBm	0,0010%	4.688 dB
PAR	4.714 dB	0,0001%	4.688 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.4. 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	5.77	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main plot shows a Cumulative Distribution Function (CDF) with 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) and 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a steeper decline, indicating a higher PAR. Below the plot is a statistics table:

Statistic Count		Probability	
Sample Count	998512	10,000%	2.813 dB
Sample Time	9.990 ms	1,0000%	4.875 dB
Avg Power	22.598 dBm	0,1000%	5.766 dB
Max Power	29.418 dBm	0,0010%	6.422 dB
PAR	6.820 dB	0,0001%	6.703 dB

At the bottom left, there are buttons for 'Go To Local' and 'Show Remote Screen'. On the right side, a vertical menu includes options like 'GPRF', 'Power', 'RDY', 'RF Settings', 'Trigger', 'List Config.', 'Power', 'Statistic', and 'Marker / Display'.

2.5. 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	3.8	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		Probability	
Sample Count	999514	10,000%	2.391 dB
Sample Time	10.000 ms	1,0000%	3.656 dB
Avg Power	24.435 dBm	0,1000%	3.797 dB
Max Power	28.481 dBm	0,0100%	3.844 dB
PAR	4.045 dB	0,0010%	3.938 dB
		0,0001%	3.984 dB

Go To Local Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.6. 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	5.2	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	998512
Sample Time	9.990 ms
Avg Power	23.642 dBm
Max Power	29.619 dBm
PAR	5.977 dB

Probability	
10,000%	2.297 dB
1,0000%	4.359 dB
0,1000%	5.203 dB
0,0100%	5.531 dB
0,0010%	5.719 dB
0,0001%	5.859 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.7. 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	4.69	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	999514
Sample Time	10.000 ms
Avg Power	23.607 dBm
Max Power	28.457 dBm
PAR	4.849 dB

Probability	
10,000%	2.766 dB
1,0000%	4.266 dB
0,1000%	4.688 dB
0,0100%	4.734 dB
0,0010%	4.781 dB
0,0001%	4.781 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.8. 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	5.86	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		Probability	
Sample Count	998512	10,000%	2.813 dB
Sample Time	9.990 ms	1,0000%	4.922 dB
Avg Power	22.606 dBm	0,1000%	5.859 dB
Max Power	29.375 dBm	0,0100%	6.281 dB
PAR	6.768 dB	0,0010%	6.563 dB
		0,0001%	6.703 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.9. 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	3.89	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

Probability[%]

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	24.548 dBm
Max Power	28.577 dBm
PAR	4.029 dB

Probability	
10,000%	2.438 dB
1,0000%	3.703 dB
0,1000%	3.891 dB
0,0100%	3.938 dB
0,0010%	3.984 dB
0,0001%	3.984 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.10. 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	5.16	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

Probability[%]

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	23.622 dBm
Max Power	29.842 dBm
PAR	6.221 dB

Probability	
10,000%	2.297 dB
1,0000%	4.359 dB
0,1000%	5.156 dB
0,0100%	5.484 dB
0,0010%	5.719 dB
0,0001%	6.141 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.11. 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	4.73	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	999512	10,000%	2.813 dB
Sample Time	10.000 ms	1,0000%	4.500 dB
Avg Power	23.769 dBm	0,1000%	4.734 dB
Max Power	28.747 dBm	0,0100%	4.781 dB
PAR	4.978 dB	0,0010%	4.875 dB
		0,0001%	4.922 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

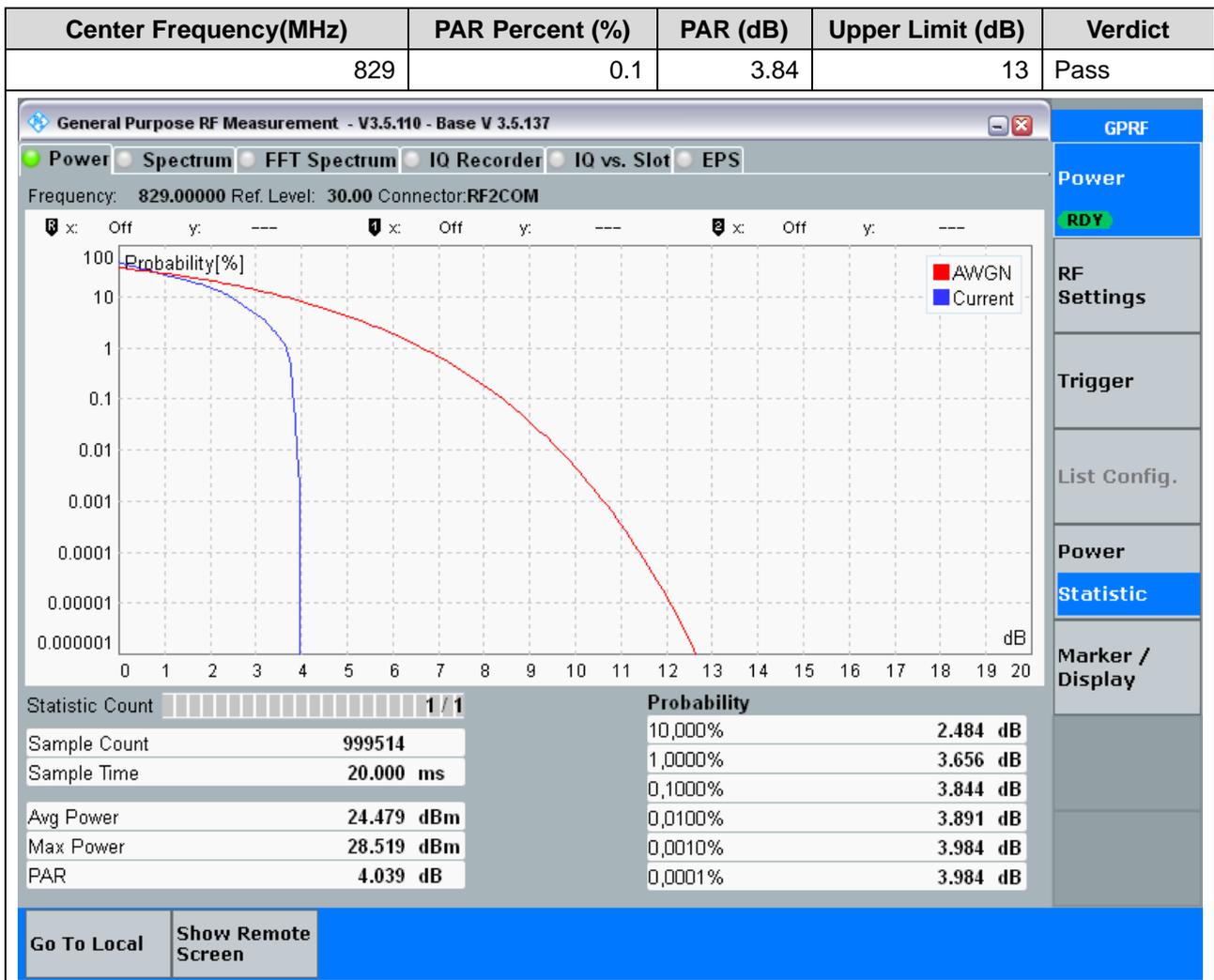
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.77	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main plot shows the Cumulative Distribution Function (CDF) of the PAR measurement. The y-axis represents 'Probability[%]' on a logarithmic scale from 0.000001 to 100. The x-axis represents power in 'dB' from 0 to 20. Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a steeper decline, indicating a lower PAR compared to the 'AWGN' reference. Below the plot, a table provides statistical data for the measurement.

Statistic Count		Probability	
Sample Count	998512	10,000%	2.813 dB
Sample Time	9.990 ms	1,0000%	4.875 dB
Avg Power	22.587 dBm	0,1000%	5.766 dB
Max Power	29.220 dBm	0,0100%	6.141 dB
PAR	6.633 dB	0,0010%	6.469 dB
		0,0001%	6.563 dB

3. LTE_Band5

3.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



3.2. 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	5.3	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **829.00000** Ref. Level: **30.00** Connector: **RF2COM**

⏏ 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%	4.406 dB
Avg Power	23.556 dBm	0,1000%	5.719 dB
Max Power	29.819 dBm	0,0010%	6.047 dB
PAR	6.263 dB	0,0001%	6.188 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

3.3. 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	4.59	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: 829.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999114
Sample Time	19.992 ms
Avg Power	23.652 dBm
Max Power	28.561 dBm
PAR	4.909 dB

Probability	
10,000%	2.766 dB
1,0000%	4.406 dB
0,1000%	4.594 dB
0,0100%	4.734 dB
0,0010%	4.828 dB
0,0001%	4.875 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

3.4. 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	5.95	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **829.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	1024088	10,000%	2.859 dB
Sample Time	20.492 ms	1,0000%	4.969 dB
Avg Power	22.533 dBm	0,1000%	5.953 dB
Max Power	29.381 dBm	0,0100%	6.422 dB
PAR	6.848 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

3.5. 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	4.41	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **836.50000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	999112	10,000%	2.484 dB
Sample Time	19.992 ms	1,0000%	4.125 dB
Avg Power	24.536 dBm	0,1000%	4.406 dB
Max Power	29.142 dBm	0,0100%	4.453 dB
PAR	4.606 dB	0,0010%	4.547 dB
		0,0001%	4.547 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

3.6. 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	5.25	13	Pass

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

GPRF

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

Frequency: **836.50000** Ref. Level: **30.00** Connector: **RF2COM**

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

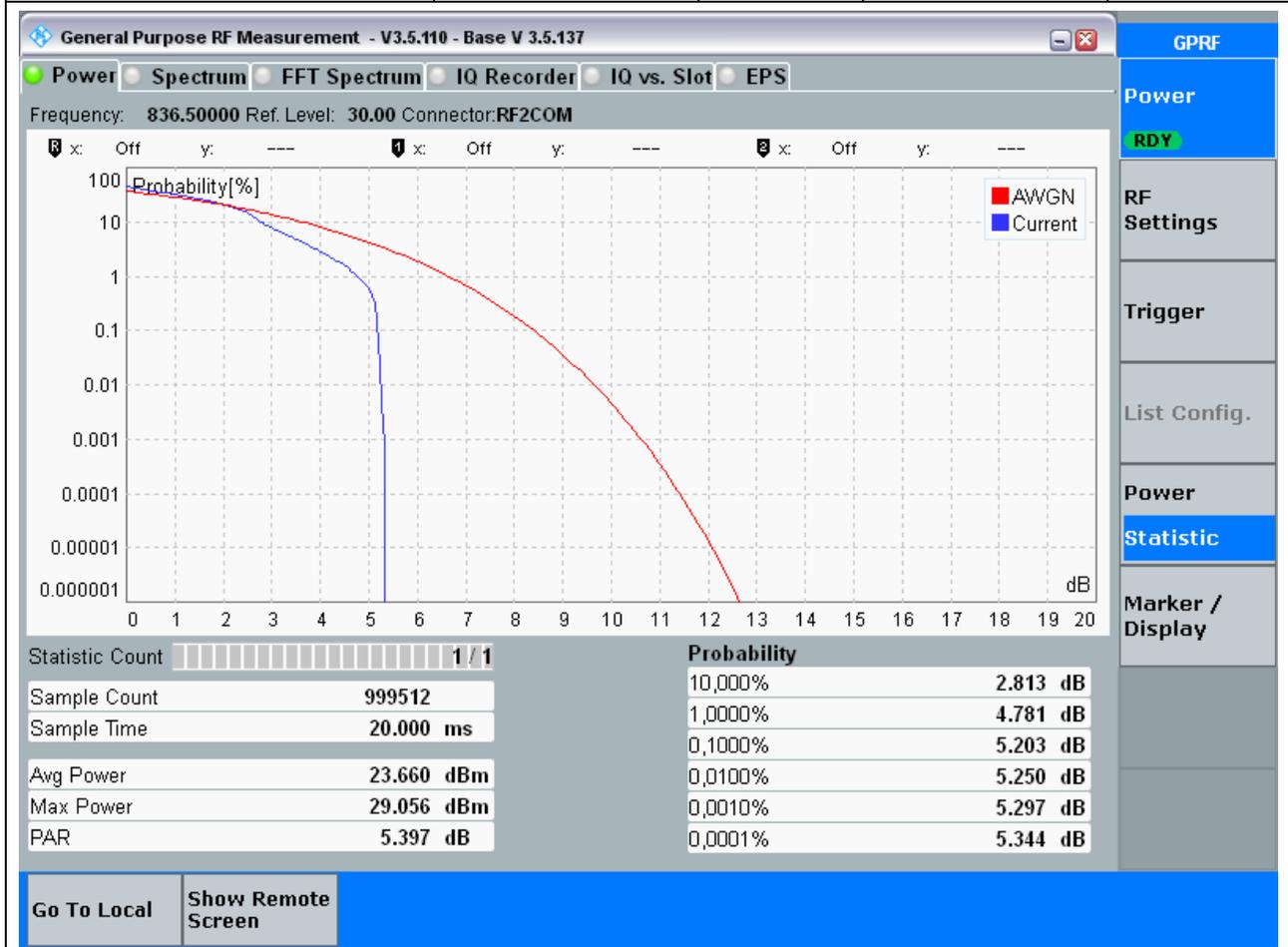
Statistic Count 1 / 1	Probability
Sample Count 1023670	10,000% 2.250 dB
Sample Time 20.483 ms	1,0000% 4.359 dB
Avg Power 23.538 dBm	0,1000% 5.250 dB
Max Power 29.605 dBm	0,0100% 5.625 dB
PAR 6.067 dB	0,0010% 5.859 dB
	0,0001% 6.000 dB

Go To Local
Show Remote Screen

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

3.7. 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	5.2	13	Pass



3.8. 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	5.91	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

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

Statistic Count		Probability	
Sample Count	1023252	10,000%	2.813 dB
Sample Time	20.475 ms	1,0000%	4.922 dB
		0,1000%	5.906 dB
Avg Power	22.511 dBm	0,0100%	6.328 dB
Max Power	29.320 dBm	0,0010%	6.563 dB
PAR	6.809 dB	0,0001%	6.703 dB

Go To Local
Show Remote Screen

3.9. 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	4.31	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **844.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	999912	10,000%	2.484 dB
Sample Time	20.008 ms	1,0000%	4.031 dB
Avg Power	24.515 dBm	0,1000%	4.313 dB
Max Power	29.017 dBm	0,0100%	4.359 dB
PAR	4.501 dB	0,0010%	4.453 dB
		0,0001%	4.453 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

3.10. 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	5.2	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

Probability[%]

Statistic Count	
Sample Count	1023252
Sample Time	20.475 ms
Avg Power	23.411 dBm
Max Power	29.455 dBm
PAR	6.044 dB

Probability	
10,000%	2.297 dB
1,0000%	4.359 dB
0,1000%	5.203 dB
0,0100%	5.625 dB
0,0010%	5.813 dB
0,0001%	5.906 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

3.11. 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	5.02	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **844.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	999512	10,000%	2.766 dB
Sample Time	20.000 ms	1,0000%	4.641 dB
Avg Power	23.704 dBm	0,1000%	5.016 dB
Max Power	28.932 dBm	0,0010%	5.156 dB
PAR	5.228 dB	0,0001%	5.203 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

3.12. 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	5.95	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **844.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count 1 / 1	Probability
Sample Count 1023670	10,000% 2.906 dB
Sample Time 20.483 ms	1,0000% 4.922 dB
Avg Power 22.397 dBm	0,1000% 5.953 dB
Max Power 29.273 dBm	0,0100% 6.375 dB
PAR 6.876 dB	0,0010% 6.656 dB
	0,0001% 6.797 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

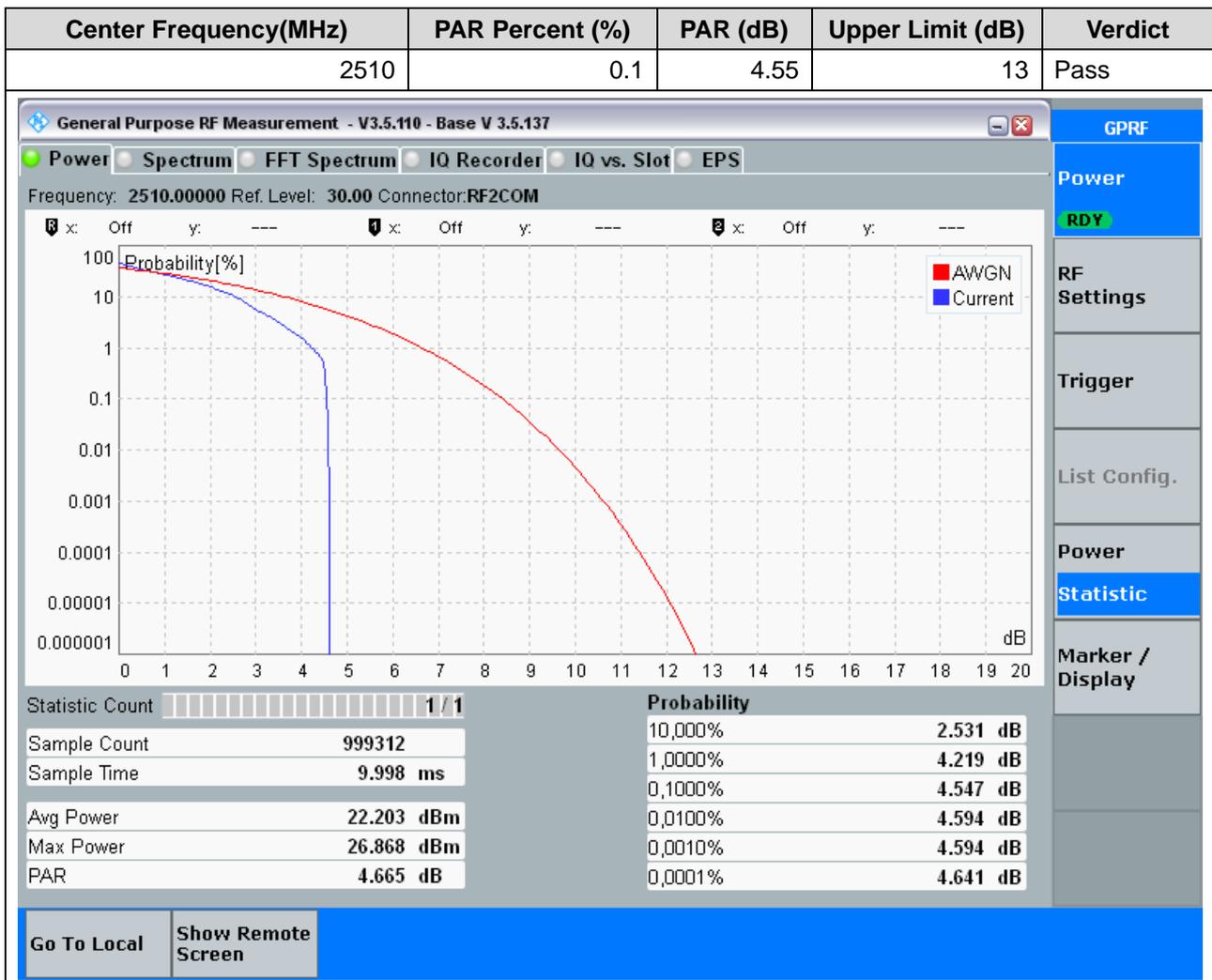
Power

Statistic

Marker / Display

4. LTE_Band7

4.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



4.2. 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	5.11	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 2510.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	998912	10,000%	2.250 dB
Sample Time	9.994 ms	1,0000%	4.266 dB
Avg Power	22.129 dBm	0,1000%	5.109 dB
Max Power	28.297 dBm	0,0100%	5.484 dB
PAR	6.168 dB	0,0010%	5.672 dB
		0,0001%	6.094 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

4.3. 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	5.02	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

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

Statistic Count		Probability	
Sample Count	999114	10,000%	2.672 dB
Sample Time	9.996 ms	1,0000%	4.453 dB
Avg Power	22.365 dBm	0,1000%	5.016 dB
Max Power	27.525 dBm	0,0010%	5.063 dB
PAR	5.160 dB	0,0001%	5.109 dB

Go To Local
Show Remote Screen

4.4. 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	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: 2510.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998912	10,000%	2.813 dB
Sample Time	9.994 ms	1,0000%	4.875 dB
Avg Power	22.096 dBm	0,1000%	5.719 dB
Max Power	28.795 dBm	0,0100%	6.094 dB
PAR	6.699 dB	0,0001%	6.375 dB
			6.609 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

4.5. 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	4.59	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: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	999114	10,000%	2.484 dB
Sample Time	9.996 ms	1,0000%	4.313 dB
Avg Power	22.130 dBm	0,1000%	4.594 dB
Max Power	26.879 dBm	0,0100%	4.641 dB
PAR	4.748 dB	0,0001%	4.688 dB

1 / 1

Go To Local Show Remote Screen

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

4.6. 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	5.2	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: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998912
Sample Time	9.994 ms
Avg Power	22.119 dBm
Max Power	28.042 dBm
PAR	5.923 dB

Probability	
10,000%	2.344 dB
1,0000%	4.359 dB
0,1000%	5.203 dB
0,0100%	5.578 dB
0,0010%	5.766 dB
0,0001%	5.859 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: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	5.25	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: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	22.123 dBm
Max Power	27.529 dBm
PAR	5.405 dB

Probability	
10,000%	2.766 dB
1,0000%	4.641 dB
0,1000%	5.250 dB
0,0100%	5.297 dB
0,0010%	5.344 dB
0,0001%	5.391 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

4.8. 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	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: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998912
Sample Time	9.994 ms
Avg Power	22.085 dBm
Max Power	28.813 dBm
PAR	6.728 dB

Probability	
10,000%	2.813 dB
1,0000%	4.875 dB
0,1000%	5.766 dB
0,0100%	6.188 dB
0,0010%	6.422 dB
0,0001%	6.656 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

4.9. 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	4.59	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: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	999112	10,000%	2.531 dB
Sample Time	9.996 ms	1,0000%	4.313 dB
Avg Power	22.247 dBm	0,1000%	4.594 dB
Max Power	26.975 dBm	0,0100%	4.641 dB
PAR	4.728 dB	0,0010%	4.688 dB
		0,0001%	4.688 dB

Go To Local Show Remote Screen

Power RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

4.10. 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	5.16	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: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998912	10,000%	2.297 dB
Sample Time	9.994 ms	1,0000%	4.313 dB
Avg Power	22.210 dBm	0,1000%	5.156 dB
Max Power	28.221 dBm	0,0100%	5.484 dB
PAR	6.011 dB	0,0010%	5.719 dB
		0,0001%	5.906 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

4.11. 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	5.3	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: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999114
Sample Time	9.996 ms
Avg Power	22.341 dBm
Max Power	27.872 dBm
PAR	5.531 dB

Probability	
10,000%	2.813 dB
1,0000%	4.922 dB
0,1000%	5.297 dB
0,0100%	5.391 dB
0,0010%	5.438 dB
0,0001%	5.484 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: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	5.67	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: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998912	10,000%	2.813 dB
Sample Time	9.994 ms	1,0000%	4.828 dB
Avg Power	22.222 dBm	0,1000%	5.672 dB
Max Power	28.702 dBm	0,0100%	6.000 dB
PAR	6.480 dB	0,0010%	6.234 dB
		0,0001%	6.422 dB

Go To Local Show Remote Screen

Power RDY

RF Settings

Trigger

List Config.

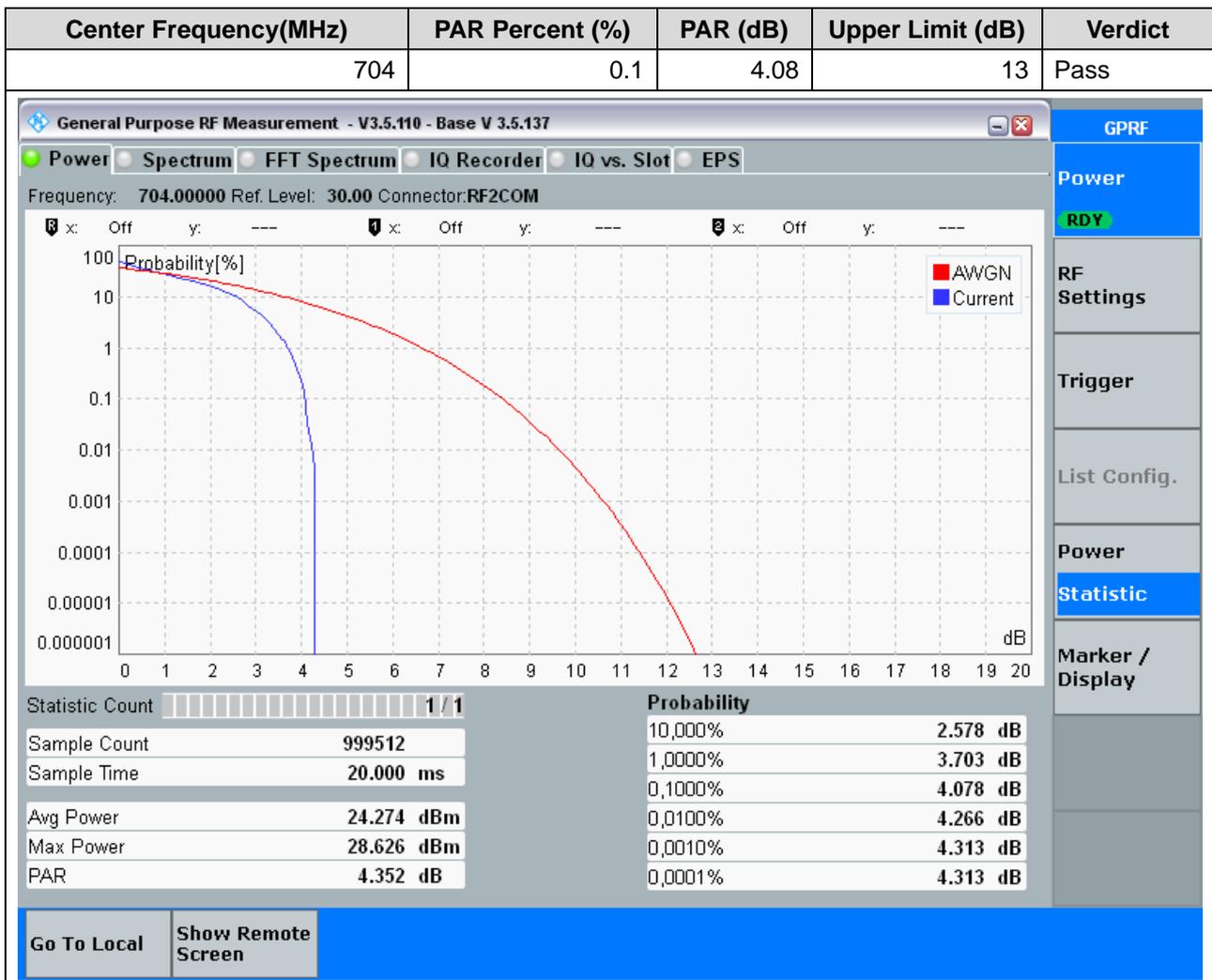
Power

Statistic

Marker / Display

5. LTE_Band12

5.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



5.2. 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	5.39	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Power
RDY

Frequency: **704.00000** Ref. Level: **30.00** Connector: **RF2COM**

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.297 dB
Sample Time	20.483 ms	1,0000%	4.313 dB
		0,1000%	5.391 dB
Avg Power	23.243 dBm	0,0100%	6.000 dB
Max Power	29.877 dBm	0,0010%	6.469 dB
PAR	6.635 dB	0,0001%	6.609 dB

Go To Local
Show Remote Screen

5.3. 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	4.87	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **704.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	999512	10,000%	2.813 dB
Sample Time	20.000 ms	1,0000%	4.406 dB
Avg Power	23.441 dBm	0,1000%	4.875 dB
Max Power	28.596 dBm	0,0010%	5.063 dB
PAR	5.155 dB	0,0001%	5.109 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

5.4. 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	6.14	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: 704.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.859 dB
Sample Time	20.483 ms	1,0000%	4.969 dB
Avg Power	22.252 dBm	0,1000%	6.141 dB
Max Power	29.684 dBm	0,0010%	7.266 dB
PAR	7.433 dB	0,0001%	7.359 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

5.5. 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	4.5	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**

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

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	19.992 ms	1,0000%	3.984 dB
Avg Power	24.200 dBm	0,1000%	4.500 dB
Max Power	29.047 dBm	0,0100%	4.734 dB
PAR	4.848 dB	0,0010%	4.781 dB
		0,0001%	4.781 dB

Go To Local
Show Remote Screen

5.6. 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	5.34	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		Probability	
Sample Count	1023670	10,000%	2.297 dB
Sample Time	20.483 ms	1,0000%	4.313 dB
Avg Power	23.241 dBm	0,1000%	5.344 dB
Max Power	29.980 dBm	0,0100%	5.953 dB
PAR	6.739 dB	0,0010%	6.328 dB
		0,0001%	6.703 dB

RDY

Power

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Go To Local
Show Remote Screen

5.7. 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	5.48	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	23.217 dBm
Max Power	29.043 dBm
PAR	5.826 dB

Probability	
10,000%	2.813 dB
1,0000%	4.734 dB
0,1000%	5.484 dB
0,0100%	5.719 dB
0,0010%	5.766 dB
0,0001%	5.766 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

5.8. 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	6.14	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: 707.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.813 dB
Sample Time	20.483 ms	1,0000%	4.922 dB
Avg Power	22.227 dBm	0,1000%	6.141 dB
Max Power	29.671 dBm	0,0100%	6.797 dB
PAR	7.444 dB	0,0010%	7.172 dB
		0,0001%	7.359 dB

Go To Local Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

5.9. 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	4.17	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Power
RDY

Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count		Probability	
Sample Count	999512	10,000%	2.484 dB
Sample Time	20.000 ms	1,0000%	3.797 dB
Avg Power	24.134 dBm	0,1000%	4.172 dB
Max Power	28.544 dBm	0,0100%	4.359 dB
PAR	4.410 dB	0,0001%	4.359 dB

Go To Local
Show Remote Screen

5.10. 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	5.3	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **711.00000** Ref. Level: **30.00** Connector: **RF2COM**

⏏ 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%	4.313 dB
Avg Power	23.295 dBm	0,1000%	5.297 dB
Max Power	29.861 dBm	0,0010%	6.281 dB
PAR	6.565 dB	0,0001%	6.516 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

5.11. 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	4.92	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

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

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Statistic Count		Probability	
Sample Count	999512	10,000%	2.813 dB
Sample Time	20.000 ms	1,0000%	4.453 dB
		0,1000%	4.922 dB
Avg Power	23.276 dBm	0,0100%	5.109 dB
Max Power	28.489 dBm	0,0010%	5.156 dB
PAR	5.213 dB	0,0001%	5.156 dB

Go To Local

Show Remote Screen

5.12. 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	6.09	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

Probability[%]

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.859 dB
Sample Time	20.483 ms	1,0000%	4.922 dB
Avg Power	22.290 dBm	0,1000%	6.094 dB
Max Power	29.722 dBm	0,0010%	7.125 dB
PAR	7.433 dB	0,0001%	7.359 dB

1 / 1

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

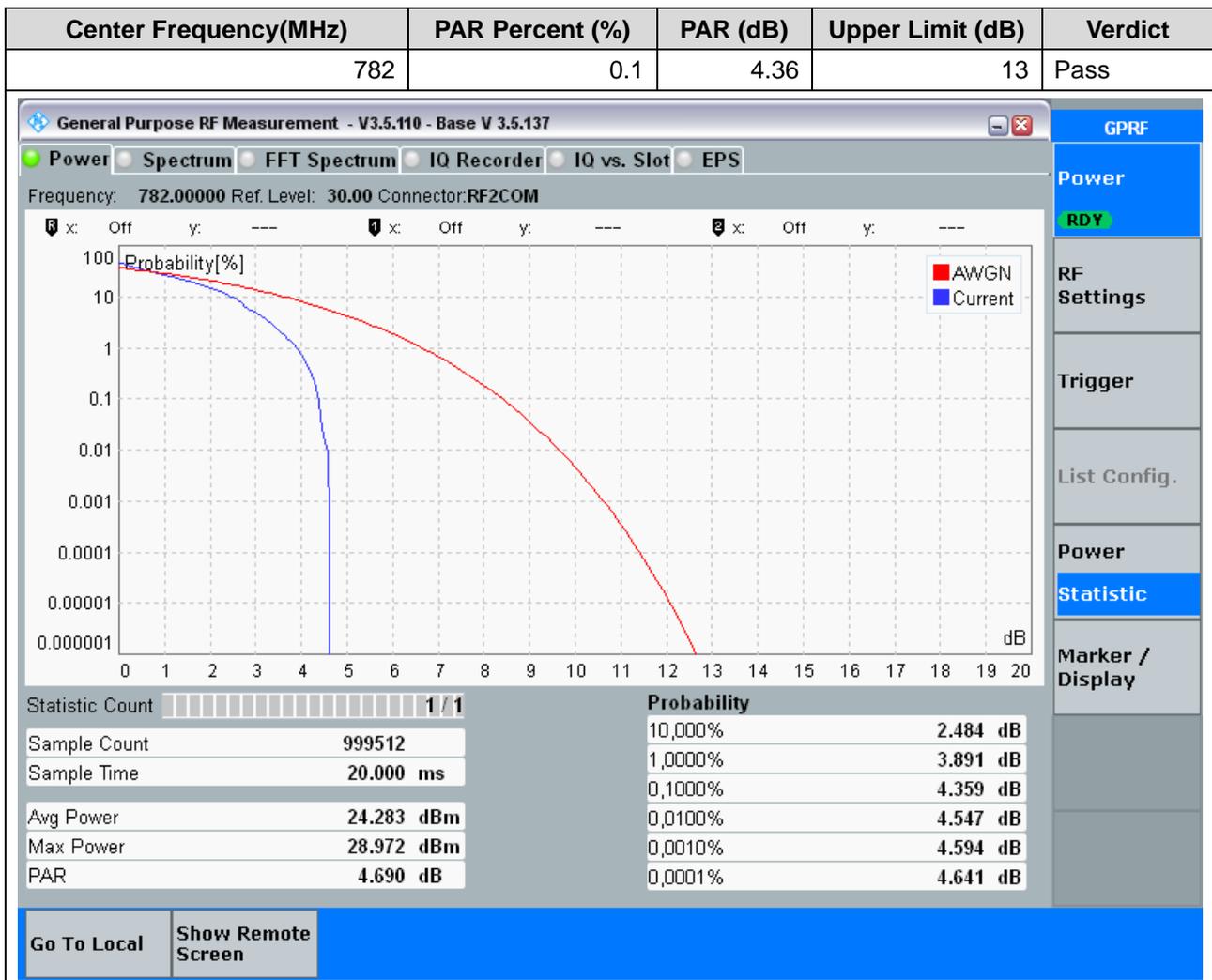
Power

Statistic

Marker / Display

6. LTE_Band13

6.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



6.2. 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	5.39	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **782.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	1023250	10,000%	2.250 dB
Sample Time	20.475 ms	1,0000%	4.266 dB
Avg Power	23.268 dBm	0,1000%	5.391 dB
Max Power	30.070 dBm	0,0010%	6.563 dB
PAR	6.802 dB	0,0001%	6.656 dB

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: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	5.25	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **782.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	999512	10,000%	2.719 dB
Sample Time	20.000 ms	1,0000%	4.641 dB
Avg Power	23.441 dBm	0,1000%	5.250 dB
Max Power	28.992 dBm	0,0100%	5.438 dB
PAR	5.551 dB	0,0010%	5.484 dB
		0,0001%	5.484 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

6.4. 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	6.09	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **782.00000** Ref. Level: **30.00** Connector: **RF2COM**

⏏ 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%	4.875 dB
Avg Power	22.266 dBm	0,1000%	6.094 dB
Max Power	29.847 dBm	0,0100%	6.891 dB
PAR	7.581 dB	0,0010%	7.359 dB
		0,0001%	7.500 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

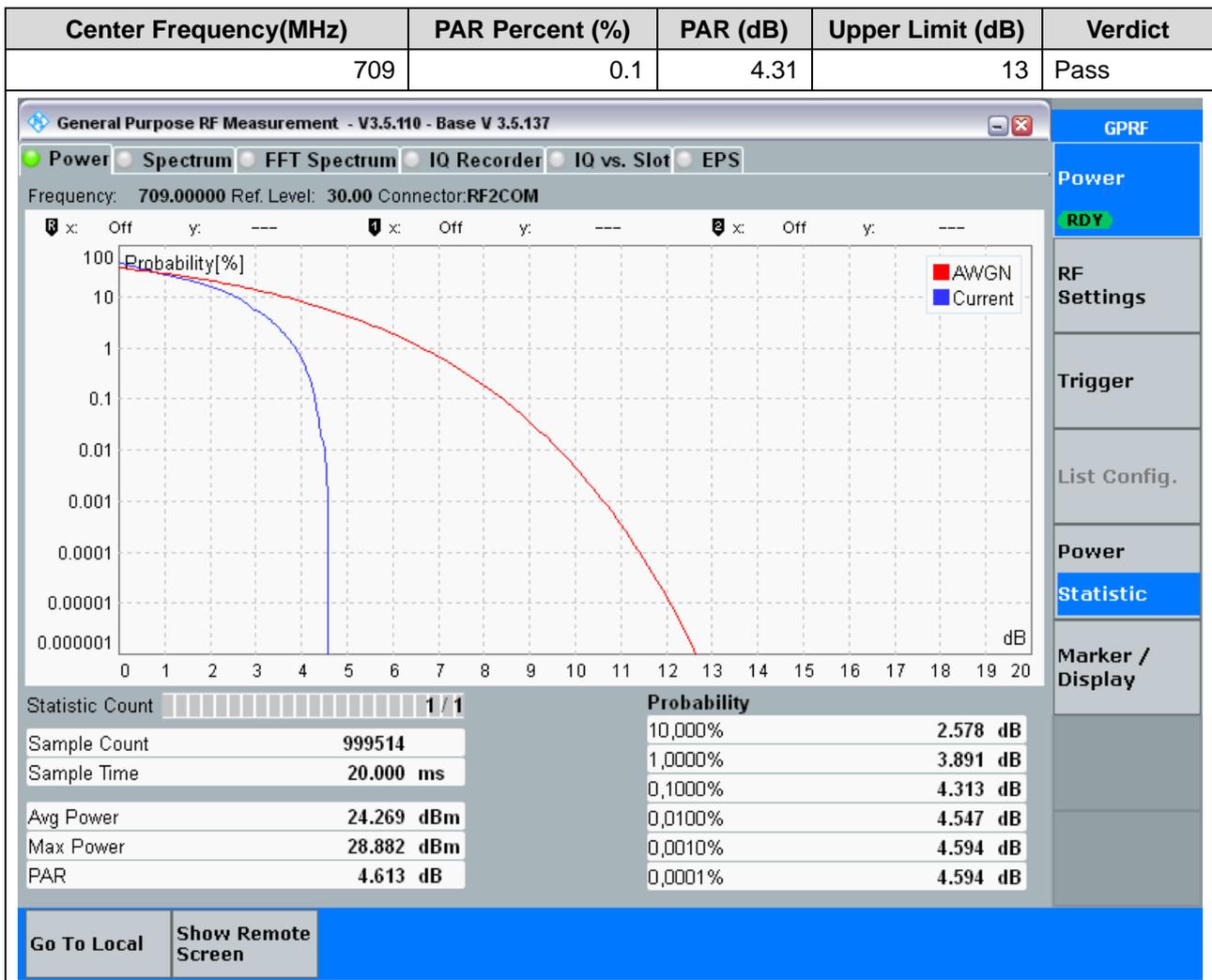
Power

Statistic

Marker / Display

7. LTE_Band17

7.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



7.2. 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	5.34	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: 709.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.250 dB
Sample Time	20.483 ms	1,0000%	4.266 dB
Avg Power	23.264 dBm	0,1000%	5.344 dB
Max Power	29.954 dBm	0,0100%	6.000 dB
PAR	6.690 dB	0,0010%	6.469 dB
		0,0001%	6.609 dB

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Go To Local

Show Remote Screen

7.3. 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	5.16	13	Pass

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

GPRF

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

Frequency: **709.00000** Ref. Level: **30.00** Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	999114	10,000%	2.766 dB
Sample Time	19.992 ms	1,0000%	4.594 dB
		0,1000%	5.156 dB
Avg Power	23.398 dBm	0,0100%	5.391 dB
Max Power	28.874 dBm	0,0010%	5.391 dB
PAR	5.476 dB	0,0001%	5.438 dB

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

Go To Local

Show Remote Screen

7.4. 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	6.09	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: 709.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	22.247 dBm
Max Power	29.598 dBm
PAR	7.350 dB

Probability	
10,000%	2.859 dB
1,0000%	4.969 dB
0,1000%	6.094 dB
0,0100%	6.891 dB
0,0010%	7.266 dB
0,0001%	7.313 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: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	4.22	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: 710.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	999512	10,000%	2.578 dB
Sample Time	20.000 ms	1,0000%	3.797 dB
Avg Power	24.179 dBm	0,1000%	4.219 dB
Max Power	28.704 dBm	0,0100%	4.453 dB
PAR	4.524 dB	0,0001%	4.500 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: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	5.3	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: **710.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.297 dB
Sample Time	20.483 ms	1,0000%	4.266 dB
Avg Power	23.260 dBm	0,1000%	5.297 dB
Max Power	29.921 dBm	0,0010%	6.234 dB
PAR	6.661 dB	0,0001%	6.563 dB

Go To Local

Show Remote Screen

7.7. 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	5.16	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **710.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	999112	10,000%	2.813 dB
Sample Time	19.992 ms	1,0000%	4.500 dB
		0,1000%	5.156 dB
Avg Power	23.262 dBm	0,0100%	5.344 dB
Max Power	28.738 dBm	0,0010%	5.391 dB
PAR	5.475 dB	0,0001%	5.438 dB

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: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	6.14	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: 710.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	22.242 dBm
Max Power	29.675 dBm
PAR	7.433 dB

Probability	
10,000%	2.859 dB
1,0000%	4.969 dB
0,1000%	6.141 dB
0,0100%	6.797 dB
0,0010%	7.125 dB
0,0001%	7.359 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

7.9. 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	4.03	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **711.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count	1 / 1	Probability
Sample Count	999512	10,000% 2.438 dB
Sample Time	20.000 ms	1,0000% 3.656 dB
Avg Power	24.282 dBm	0,1000% 4.031 dB
Max Power	28.584 dBm	0,0100% 4.219 dB
PAR	4.302 dB	0,0001% 4.219 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

7.10. 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	5.25	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **711.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count 1 / 1	Probability
Sample Count 1023670	10,000% 2.250 dB
Sample Time 20.483 ms	1,0000% 4.266 dB
Avg Power 23.305 dBm	0,1000% 5.250 dB
Max Power 29.818 dBm	0,0100% 5.859 dB
PAR 6.513 dB	0,0010% 6.234 dB
	0,0001% 6.469 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:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.83	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **711.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count 1 / 1	Probability
Sample Count 999512	10,000% 2.813 dB
Sample Time 20.000 ms	1,0000% 4.406 dB
	0,1000% 4.828 dB
Avg Power 23.414 dBm	0,0100% 5.016 dB
Max Power 28.539 dBm	0,0010% 5.063 dB
PAR 5.125 dB	0,0001% 5.063 dB

Go To Local
Show Remote Screen

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

7.12. 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	6.14	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **711.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

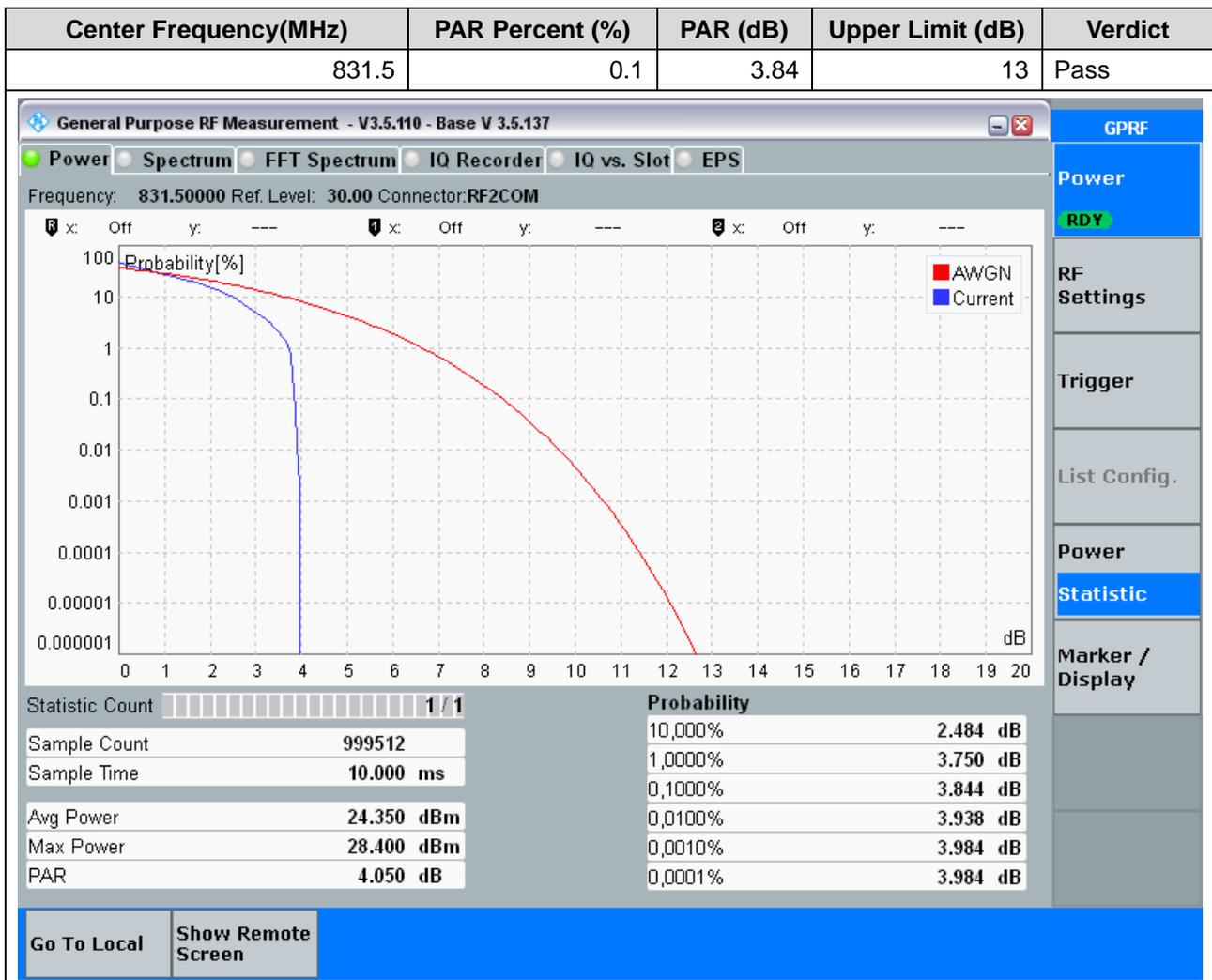
Statistic Count		Probability	
Sample Count	1023670	10,000%	2.906 dB
Sample Time	20.483 ms	1,0000%	4.969 dB
Avg Power	22.304 dBm	0,1000%	6.141 dB
Max Power	29.739 dBm	0,0100%	6.750 dB
PAR	7.435 dB	0,0010%	7.172 dB
		0,0001%	7.406 dB

Go To Local
Show Remote Screen

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

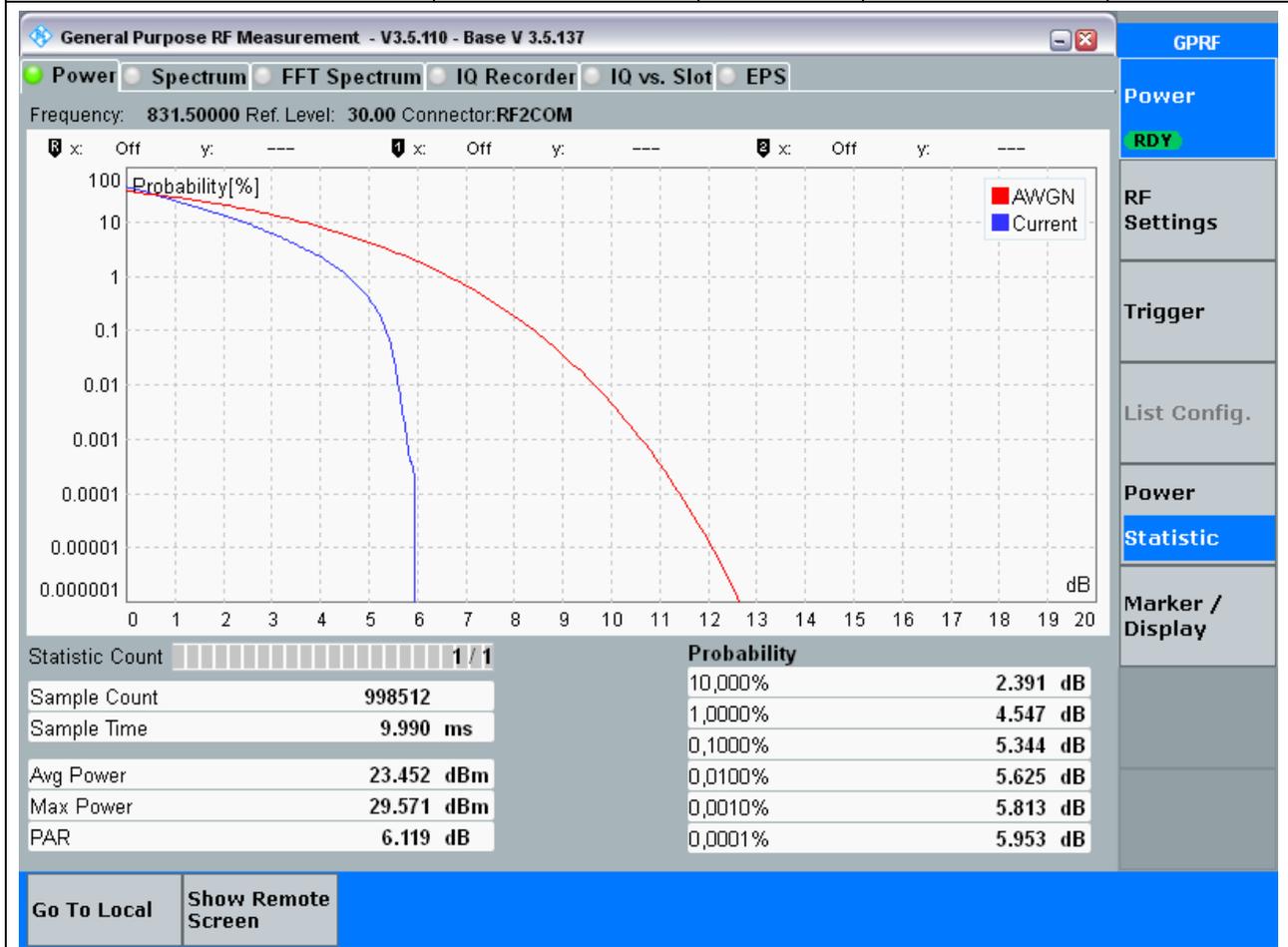
8. LTE_Band26(part22)

8.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



8.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
831.5	0.1	5.34	13	Pass



8.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
831.5	0.1	4.5	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: 831.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	23.761 dBm
Max Power	28.530 dBm
PAR	4.769 dB

Probability	
10,000%	2.766 dB
1,0000%	4.359 dB
0,1000%	4.500 dB
0,0100%	4.641 dB
0,0010%	4.734 dB
0,0001%	4.734 dB

Go To Local
Show Remote Screen

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

8.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
831.5	0.1	5.95	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: 831.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	22.539 dBm
Max Power	29.322 dBm
PAR	6.783 dB

Probability	
10,000%	2.953 dB
1,0000%	5.109 dB
0,1000%	5.953 dB
0,0100%	6.328 dB
0,0010%	6.609 dB
0,0001%	6.750 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

8.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	4.17	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

Probability[%]

Statistic Count	
Sample Count	999512
Sample Time	10.000 ms
Avg Power	24.455 dBm
Max Power	28.867 dBm
PAR	4.412 dB

Probability	
10,000%	2.531 dB
1,0000%	4.078 dB
0,1000%	4.172 dB
0,0100%	4.266 dB
0,0010%	4.313 dB
0,0001%	4.359 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

8.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.25	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

Probability[%]

Statistic Count		Probability	
Sample Count	998512	10,000%	2.391 dB
Sample Time	9.990 ms	1,0000%	4.500 dB
Avg Power	23.443 dBm	0,1000%	5.250 dB
Max Power	29.262 dBm	0,0100%	5.484 dB
PAR	5.819 dB	0,0010%	5.672 dB
		0,0001%	5.766 dB

Go To Local Show Remote Screen

Power RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

8.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.06	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

Probability[%]

Statistic Count		Probability	
Sample Count	999514	10,000%	2.813 dB
Sample Time	10.000 ms	1,0000%	4.688 dB
Avg Power	23.554 dBm	0,1000%	5.063 dB
Max Power	28.839 dBm	0,0100%	5.156 dB
PAR	5.284 dB	0,0010%	5.203 dB
		0,0001%	5.250 dB

1 / 1

Go To Local Show Remote Screen

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:26915, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.91	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

Probability[%]

Statistic Count	1 / 1
Sample Count	998512
Sample Time	9.990 ms
Avg Power	22.483 dBm
Max Power	29.083 dBm
PAR	6.600 dB

Probability	
10,000%	2.953 dB
1,0000%	5.063 dB
0,1000%	5.906 dB
0,0100%	6.234 dB
0,0010%	6.469 dB
0,0001%	6.516 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

8.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	4.27	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **841.50000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	999714	10,000%	2.391 dB
Sample Time	10.002 ms	1,0000%	4.078 dB
Avg Power	24.522 dBm	0,1000%	4.266 dB
Max Power	28.958 dBm	0,0100%	4.313 dB
PAR	4.436 dB	0,0010%	4.359 dB
		0,0001%	4.359 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

8.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	5.25	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: 841.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998312	10,000%	2.484 dB
Sample Time	9.988 ms	1,0000%	4.547 dB
Avg Power	23.432 dBm	0,1000%	5.250 dB
Max Power	29.464 dBm	0,0100%	5.578 dB
PAR	6.032 dB	0,0010%	5.813 dB
		0,0001%	5.953 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

8.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	5.02	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: 841.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999712
Sample Time	10.002 ms
Avg Power	23.726 dBm
Max Power	28.921 dBm
PAR	5.195 dB

Probability	
10,000%	2.766 dB
1,0000%	4.781 dB
0,1000%	5.016 dB
0,0100%	5.063 dB
0,0010%	5.109 dB
0,0001%	5.109 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

8.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	5.91	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **841.50000** Ref. Level: **30.00** Connector: **RF2COM**

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

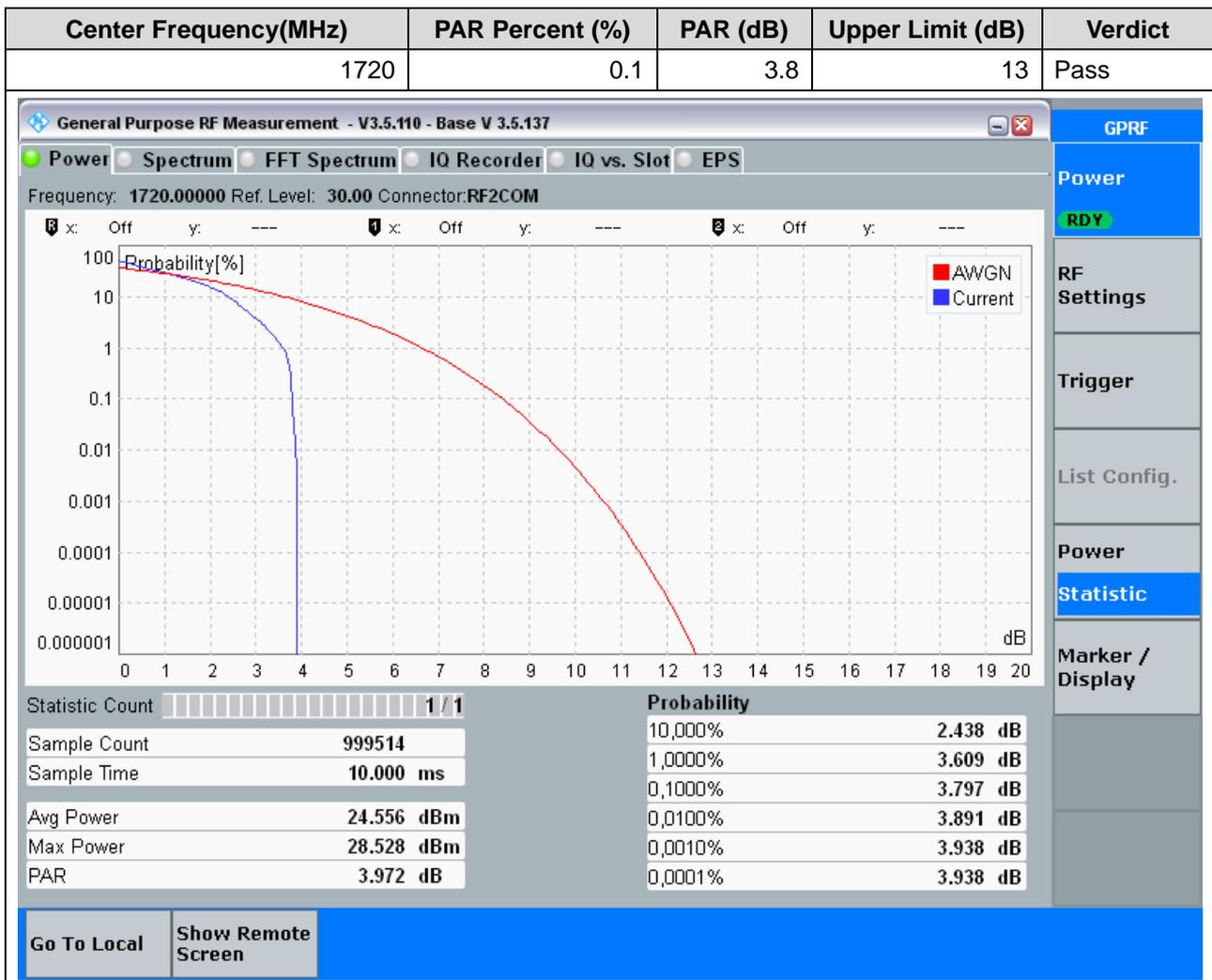
Statistic Count		Probability	
Sample Count	998314	10,000%	3.000 dB
Sample Time	9.988 ms	1,0000%	5.063 dB
		0,1000%	5.906 dB
Avg Power	22.469 dBm	0,0100%	6.375 dB
Max Power	29.478 dBm	0,0010%	6.703 dB
PAR	7.009 dB	0,0001%	6.797 dB

Go To Local
Show Remote Screen

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

9. LTE_Band66

9.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



9.2. 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	5.11	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: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	23.580 dBm
Max Power	29.587 dBm
PAR	6.006 dB

Probability	
10,000%	2.250 dB
1,0000%	4.266 dB
0,1000%	5.109 dB
0,0100%	5.438 dB
0,0010%	5.813 dB
0,0001%	5.906 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

9.3. 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	4.59	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count	
Sample Count	999714
Sample Time	10.002 ms
Avg Power	23.676 dBm
Max Power	28.419 dBm
PAR	4.743 dB

Probability	
10,000%	2.672 dB
1,0000%	4.172 dB
0,1000%	4.594 dB
0,0100%	4.641 dB
0,0010%	4.688 dB
0,0001%	4.688 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

9.4. 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	5.77	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	998312	10,000%	2.813 dB
Sample Time	9.988 ms	1,0000%	4.875 dB
Avg Power	22.533 dBm	0,1000%	5.766 dB
Max Power	29.314 dBm	0,0010%	6.469 dB
PAR	6.781 dB	0,0001%	6.656 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

9.5. 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	3.89	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Power
RDY

Frequency: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count		Probability	
Sample Count	999712	10,000%	2.391 dB
Sample Time	10.002 ms	1,0000%	3.703 dB
Avg Power	24.526 dBm	0,1000%	3.891 dB
Max Power	28.569 dBm	0,0100%	3.938 dB
PAR	4.043 dB	0,0001%	3.984 dB

Go To Local
Show Remote Screen

9.6. 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	5.11	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: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998312	10,000%	2.250 dB
Sample Time	9.988 ms	1,0000%	4.359 dB
Avg Power	23.546 dBm	0,1000%	5.109 dB
Max Power	29.390 dBm	0,0100%	5.484 dB
PAR	5.844 dB	0,0010%	5.719 dB
		0,0001%	5.766 dB

Go To Local Show Remote Screen

Power **RDY**

RF Settings

Trigger

List Config.

Power **Statistic**

Marker / Display

9.7. 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	4.78	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

Probability[%]

Statistic Count	
Sample Count	999712
Sample Time	10.002 ms
Avg Power	23.646 dBm
Max Power	28.601 dBm
PAR	4.955 dB

Probability	
10,000%	2.766 dB
1,0000%	4.313 dB
0,1000%	4.781 dB
0,0100%	4.828 dB
0,0010%	4.875 dB
0,0001%	4.922 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

9.8. 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	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: 1745.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998314
Sample Time	9.988 ms
Avg Power	22.553 dBm
Max Power	29.378 dBm
PAR	6.825 dB

Probability	
10,000%	2.766 dB
1,0000%	4.875 dB
0,1000%	5.766 dB
0,0100%	6.188 dB
0,0010%	6.516 dB
0,0001%	6.656 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

9.9. 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	4.12	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

Probability[%]

Statistic Count	
Sample Count	999712
Sample Time	10.002 ms
Avg Power	24.506 dBm
Max Power	28.793 dBm
PAR	4.287 dB

Probability	
10,000%	2.531 dB
1,0000%	3.938 dB
0,1000%	4.125 dB
0,0100%	4.172 dB
0,0010%	4.266 dB
0,0001%	4.266 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

9.10. 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	5.2	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

Probability[%]

Statistic Count		Probability	
Sample Count	998314	10,000%	2.297 dB
Sample Time	9.988 ms	1,0000%	4.359 dB
Avg Power	23.580 dBm	0,1000%	5.203 dB
Max Power	29.744 dBm	0,0100%	5.578 dB
PAR	6.164 dB	0,0010%	5.859 dB
		0,0001%	5.953 dB

Go To Local Show Remote Screen

Power **RDY**

RF Settings

Trigger

List Config.

Power **Statistic**

Marker / Display

9.11. 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	5.11	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count	1 / 1	
Sample Count	999712	Probability
Sample Time	10.002 ms	10,000% 2.906 dB
Avg Power	23.572 dBm	1,0000% 4.781 dB
Max Power	28.872 dBm	0,1000% 5.109 dB
PAR	5.300 dB	0,0100% 5.156 dB
		0,0010% 5.250 dB
		0,0001% 5.250 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

9.12. 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	5.81	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	998314	10,000%	2.813 dB
Sample Time	9.988 ms	1,0000%	4.875 dB
Avg Power	22.548 dBm	0,1000%	5.813 dB
Max Power	29.388 dBm	0,0100%	6.234 dB
PAR	6.840 dB	0,0010%	6.469 dB
		0,0001%	6.703 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

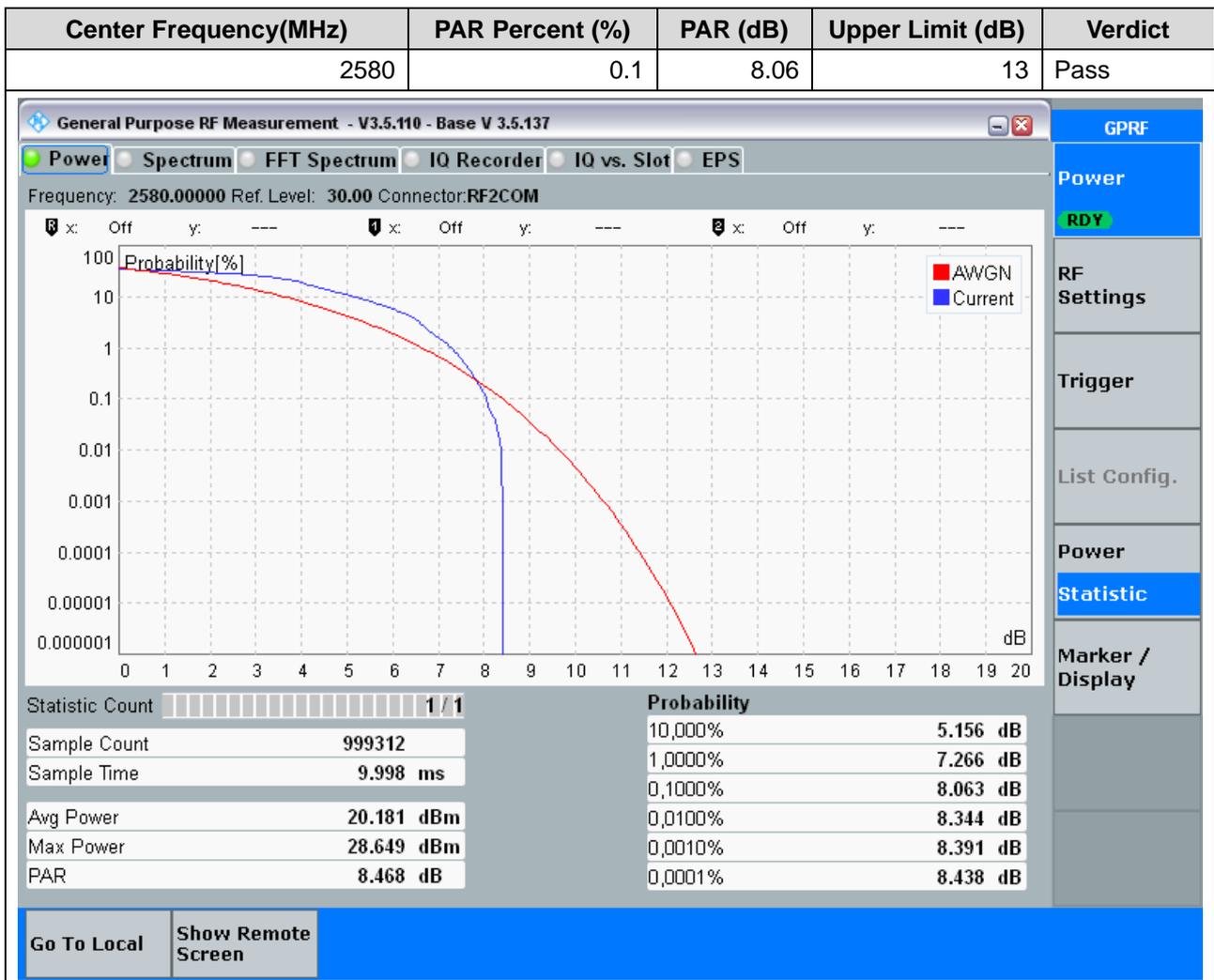
Power

Statistic

Marker / Display

10. LTE_Band38

10.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



10.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	8.95	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 2580.00000 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		Probability	
Sample Count	998912	10,000%	5.016 dB
Sample Time	9.994 ms	1,0000%	7.594 dB
Avg Power	19.206 dBm	0,1000%	8.953 dB
Max Power	30.266 dBm	0,0100%	9.750 dB
PAR	11.060 dB	0,0010%	10.266 dB
		0,0001%	10.594 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

10.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	8.72	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 2580.00000 Ref. Level: 30.00 Connector:RF2COM

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

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

Statistic Count		Probability	
Sample Count	999114	10,000%	5.672 dB
Sample Time	9.996 ms	1,0000%	7.922 dB
Avg Power	19.417 dBm	0,1000%	8.719 dB
Max Power	28.490 dBm	0,0010%	8.953 dB
PAR	9.073 dB	0,0001%	9.000 dB

Go To Local
Show Remote Screen

10.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	9.66	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main plot shows 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) versus power in 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a higher peak power than the 'AWGN' curve. Below the plot is a statistics table.

Statistic Count		Probability	
Sample Count	998912	10,000%	5.438 dB
Sample Time	9.994 ms	1,0000%	8.203 dB
Avg Power	18.139 dBm	0,1000%	9.656 dB
Max Power	29.835 dBm	0,0010%	11.250 dB
PAR	11.697 dB	0,0001%	11.484 dB

10.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	8.25	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main plot shows the Cumulative Distribution Function (CDF) of the PAR measurement. The y-axis represents 'Probability[%]' on a logarithmic scale from 0.000001 to 100. The x-axis represents 'dB' from 0 to 20. Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a sharp drop-off around 8.5 dB, indicating a lower PAR than the AWGN reference. Below the plot, a table provides statistical data for the measurement.

Statistic	Value	Probability	Value (dB)
Sample Count	999112	10,000%	5.156 dB
Sample Time	9.996 ms	1,0000%	7.266 dB
Avg Power	19.875 dBm	0,1000%	8.250 dB
Max Power	28.518 dBm	0,0100%	8.531 dB
PAR	8.643 dB	0,0010%	8.578 dB
		0,0001%	8.578 dB

10.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	8.95	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 2595.00000 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%	4.969 dB
Sample Time	9.994 ms	1,0000%	7.594 dB
Avg Power	19.039 dBm	0,1000%	8.953 dB
Max Power	29.555 dBm	0,0010%	10.125 dB
PAR	10.516 dB	0,0001%	10.313 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

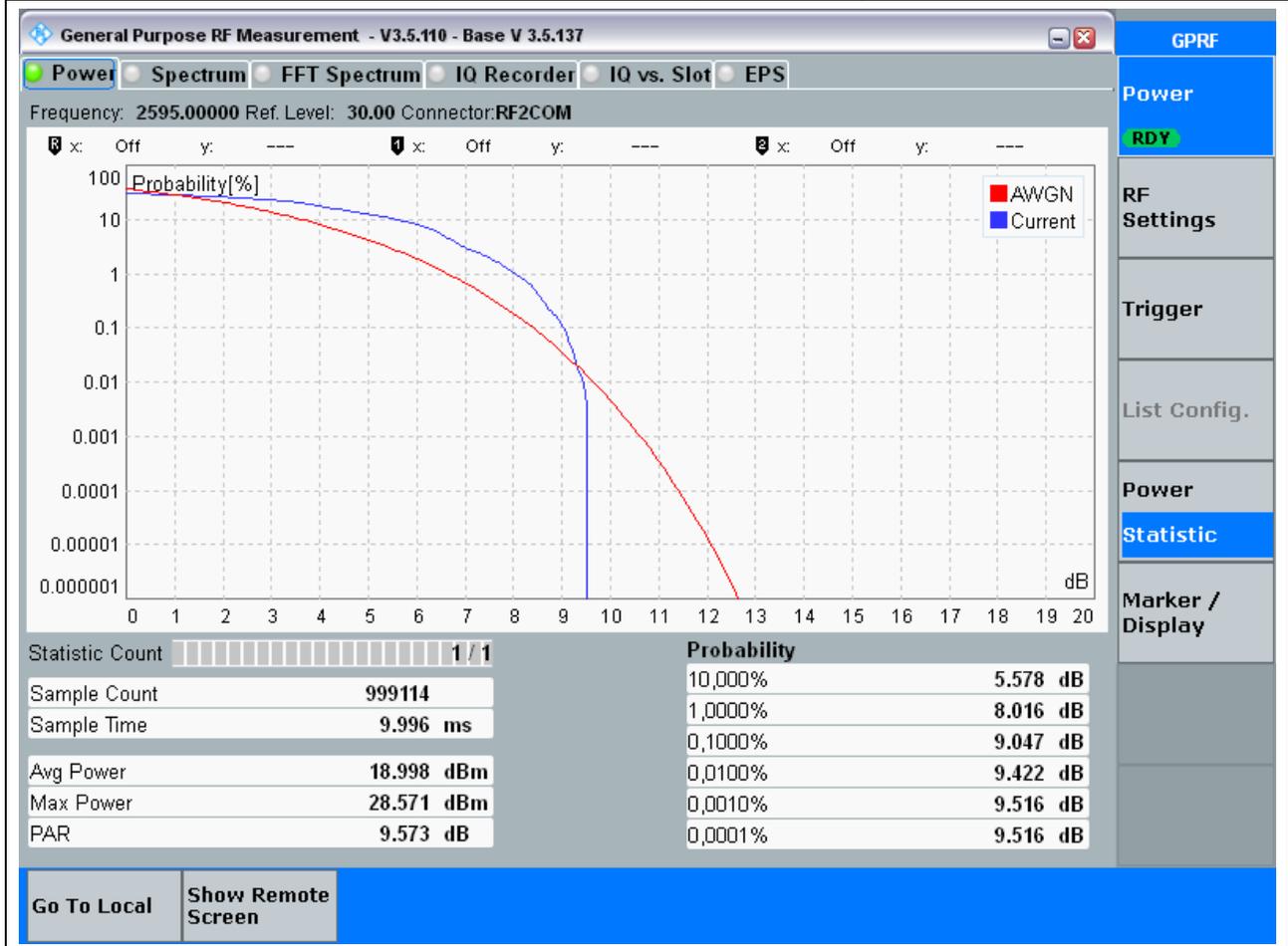
Power

Statistic

Marker / Display

10.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	9.05	13	Pass



10.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	9.61	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: 2595.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998912	10,000%	5.438 dB
Sample Time	9.994 ms	1,0000%	8.109 dB
Avg Power	18.054 dBm	0,1000%	9.609 dB
Max Power	30.123 dBm	0,0100%	10.594 dB
PAR	12.069 dB	0,0010%	11.438 dB
		0,0001%	11.813 dB

1 / 1

Go To Local Show Remote Screen

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

10.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2610	0.1	8.3	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: 2610.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Statistic Count		Probability	
Sample Count	999114	10,000%	5.156 dB
Sample Time	9.996 ms	1,0000%	7.313 dB
Avg Power	20.033 dBm	0,1000%	8.297 dB
Max Power	28.845 dBm	0,0010%	8.719 dB
PAR	8.812 dB	0,0001%	8.766 dB

Go To Local Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

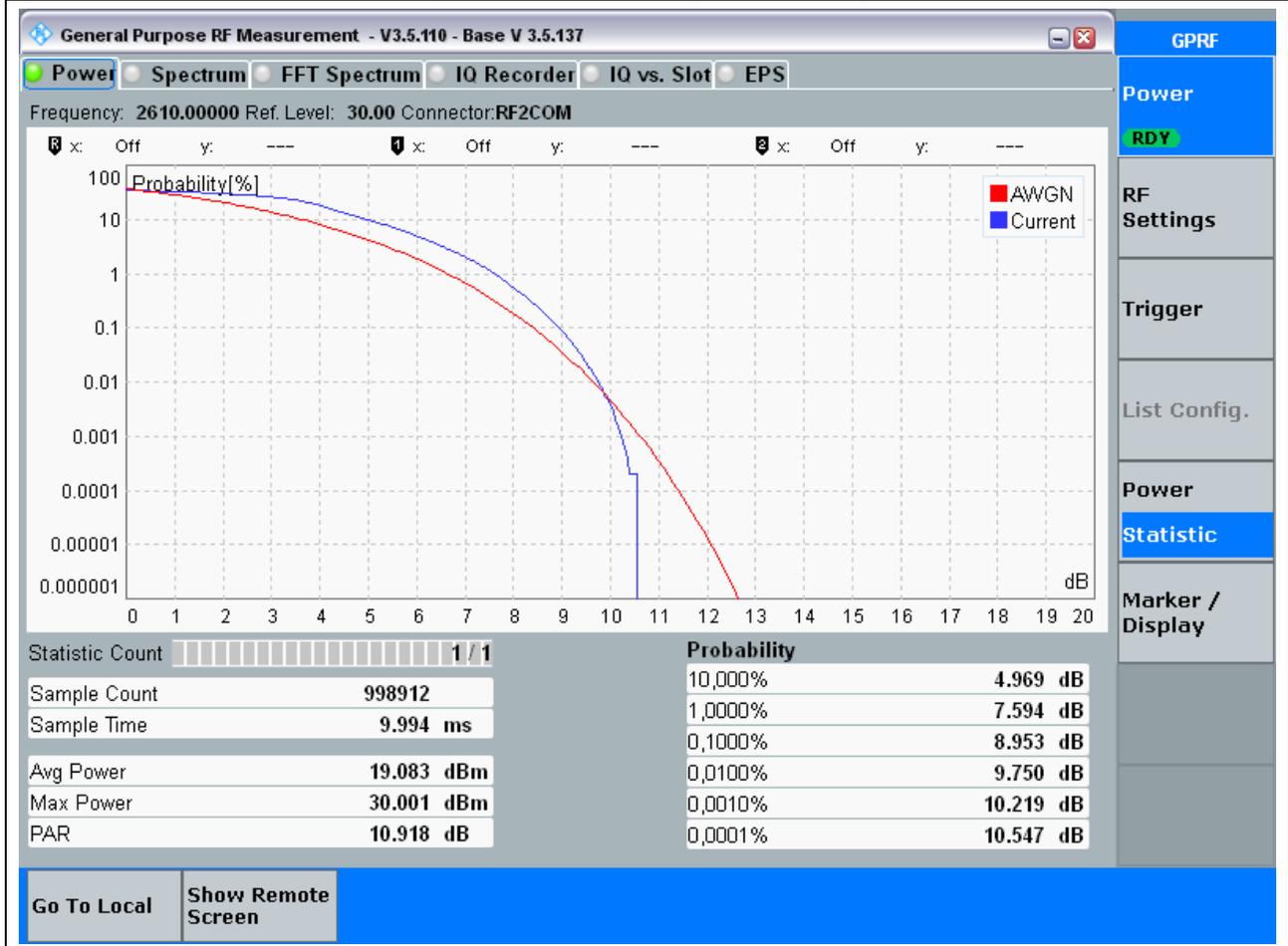
Power

Statistic

Marker / Display

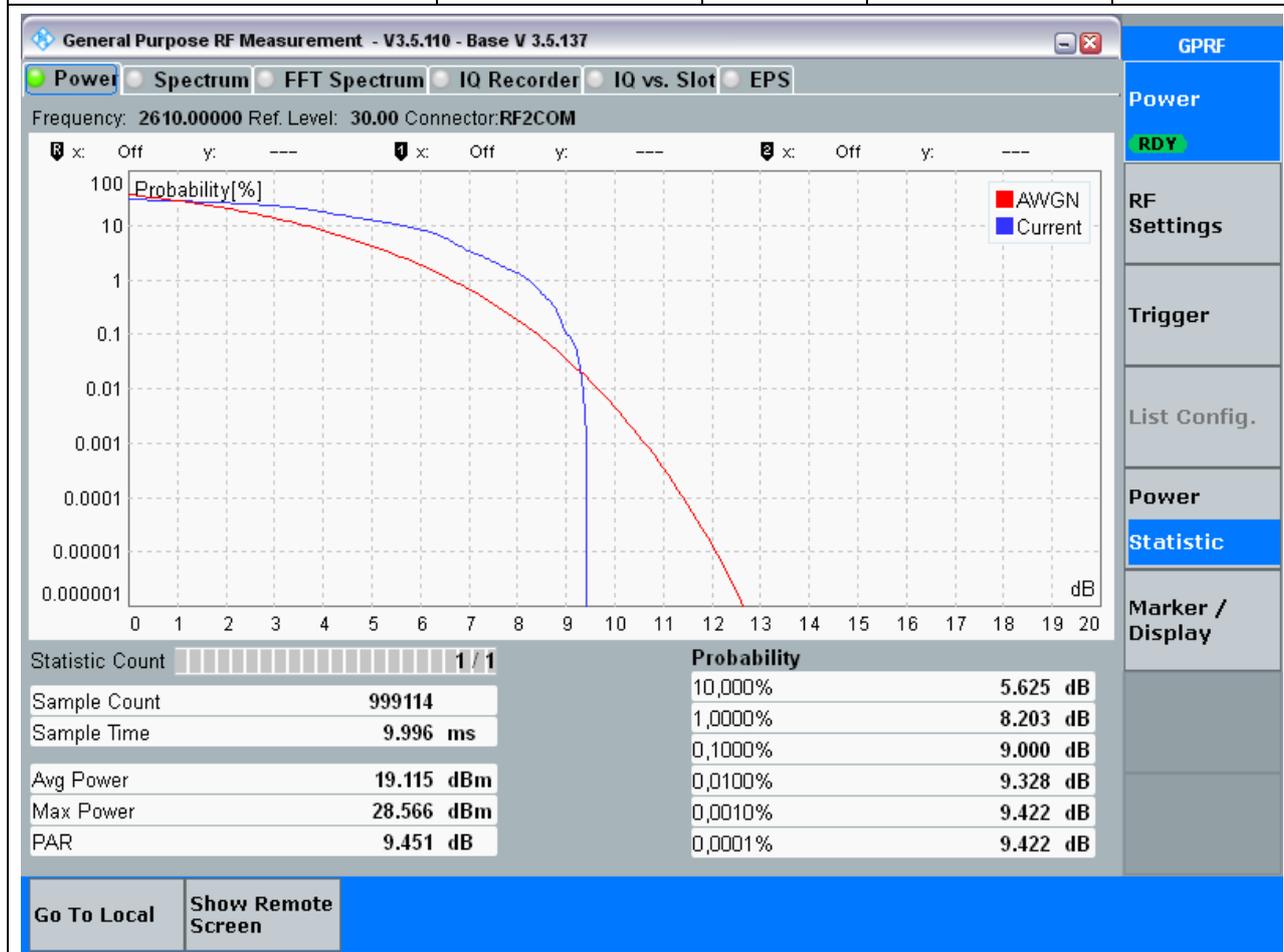
10.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2610	0.1	8.95	13	Pass



10.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2610	0.1	9	13	Pass



10.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2610	0.1	9.61	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: 2610.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998912	10,000%	5.438 dB
Sample Time	9.994 ms	1,0000%	8.109 dB
Avg Power	18.053 dBm	0,1000%	9.609 dB
Max Power	29.693 dBm	0,0100%	10.500 dB
PAR	11.640 dB	0,0010%	11.156 dB
		0,0001%	11.391 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

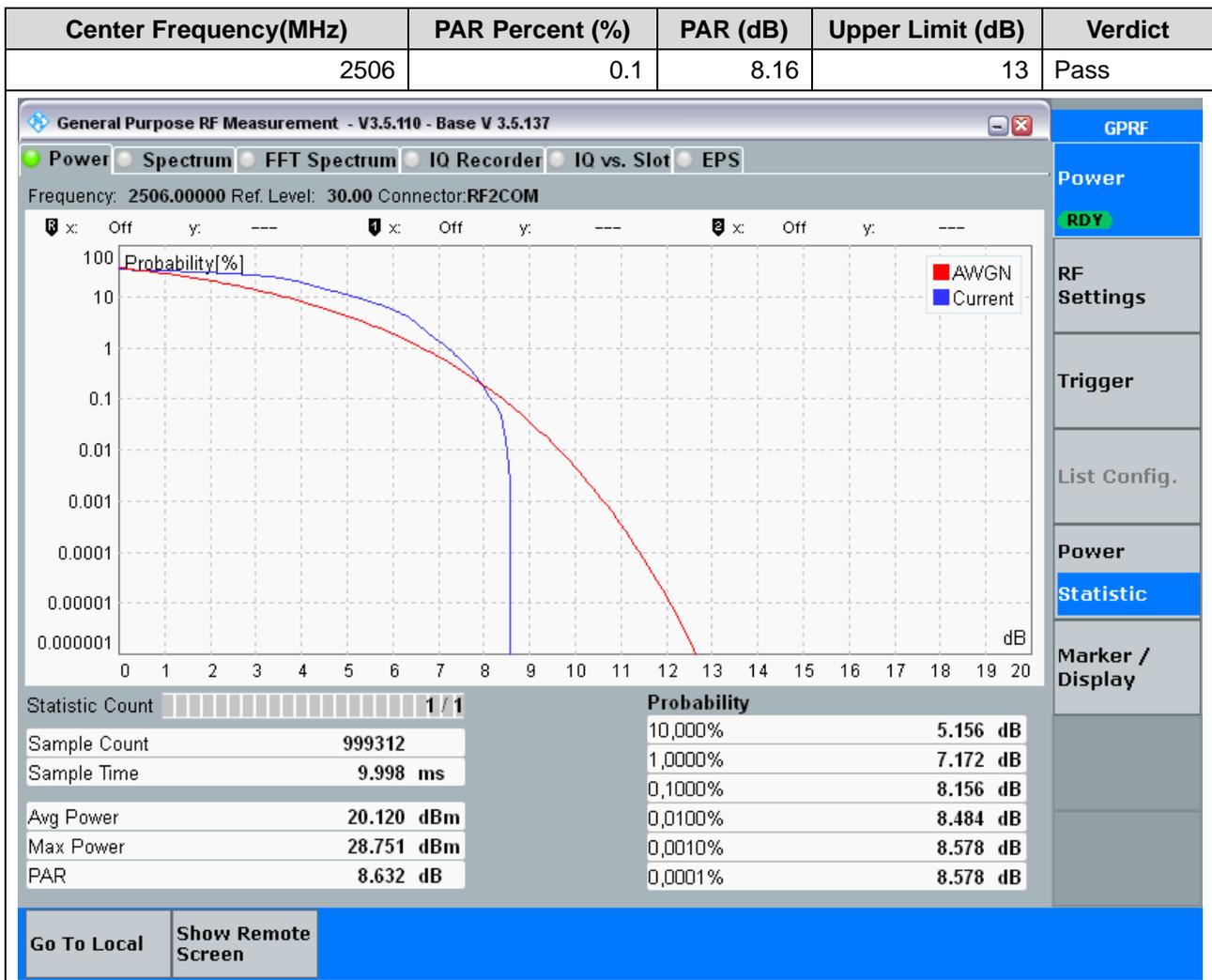
Power

Statistic

Marker / Display

11. LTE_Band41 full

11.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



11.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2506	0.1	8.86	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 2506.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	998712	10,000%	4.969 dB
Sample Time	9.992 ms	1,0000%	7.547 dB
Avg Power	19.096 dBm	0,1000%	8.859 dB
Max Power	29.664 dBm	0,0100%	9.656 dB
PAR	10.568 dB	0,0010%	10.125 dB
		0,0001%	10.500 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

11.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2506	0.1	8.95	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: 2506.00000 Ref. Level: 30.00 Connector:RF2COM

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

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Statistic Count		Probability	
Sample Count	999312	10,000%	5.625 dB
Sample Time	9.998 ms	1,0000%	8.109 dB
Avg Power	19.108 dBm	0,1000%	8.953 dB
Max Power	28.505 dBm	0,0100%	9.281 dB
PAR	9.396 dB	0,0001%	9.375 dB

Go To Local
Show Remote Screen

11.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2506	0.1	9.56	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: 2506.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998712	10,000%	5.484 dB
Sample Time	9.992 ms	1,0000%	8.156 dB
Avg Power	18.027 dBm	0,1000%	9.563 dB
Max Power	29.524 dBm	0,0100%	10.453 dB
PAR	11.497 dB	0,0010%	11.016 dB
		0,0001%	11.438 dB

1 / 1

Go To Local Show Remote Screen

Go To Local
Show Remote Screen

11.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.11	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 2593.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	999312	10,000%	5.156 dB
Sample Time	9.998 ms	1,0000%	7.313 dB
Avg Power	19.948 dBm	0,1000%	8.438 dB
Max Power	28.535 dBm	0,0010%	8.531 dB
PAR	8.587 dB	0,0001%	8.531 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:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.95	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: 2593.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	1 / 1
Sample Count	998912
Sample Time	9.994 ms
Avg Power	19.089 dBm
Max Power	30.169 dBm
PAR	11.080 dB

Probability	
10,000%	4.969 dB
1,0000%	7.594 dB
0,1000%	8.953 dB
0,0100%	9.750 dB
0,0010%	10.359 dB
0,0001%	10.688 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:40620, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.77	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: 2593.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	19.227 dBm
Max Power	28.444 dBm
PAR	9.217 dB

Probability	
10,000%	5.625 dB
1,0000%	7.922 dB
0,1000%	8.766 dB
0,0100%	8.953 dB
0,0010%	9.094 dB
0,0001%	9.141 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

11.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.66	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: 2593.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Statistic Count		Probability	
Sample Count	998912	10,000%	5.438 dB
Sample Time	9.994 ms	1,0000%	8.156 dB
		0,1000%	9.656 dB
Avg Power	18.060 dBm	0,0100%	10.547 dB
Max Power	29.871 dBm	0,0010%	11.156 dB
PAR	11.811 dB	0,0001%	11.438 dB

Go To Local

Show Remote Screen

11.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2680	0.1	7.59	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: 2680.00000 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%	5.203 dB
Sample Time	9.996 ms	1,0000%	6.891 dB
Avg Power	20.216 dBm	0,1000%	7.594 dB
Max Power	28.030 dBm	0,0100%	7.734 dB
PAR	7.814 dB	0,0001%	7.781 dB

1 / 1

Go To Local

Show Remote Screen

Power
RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

11.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2680	0.1	8.62	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 2680.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count	1 / 1	
Sample Count	998912	
Sample Time	9.994 ms	
Avg Power	19.189 dBm	
Max Power	29.100 dBm	
PAR	9.911 dB	

Probability	10,000%	4.969 dB
	1,0000%	7.406 dB
	0,1000%	8.625 dB
	0,0100%	9.281 dB
	0,0010%	9.656 dB
	0,0001%	9.844 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

11.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2680	0.1	8.48	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: 2680.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999114
Sample Time	9.996 ms
Avg Power	19.157 dBm
Max Power	28.073 dBm
PAR	8.917 dB

Probability	
10,000%	5.672 dB
1,0000%	7.734 dB
0,1000%	8.484 dB
0,0100%	8.813 dB
0,0010%	8.859 dB
0,0001%	8.906 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

11.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2680	0.1	9.33	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: 2680.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998912	10,000%	5.484 dB
Sample Time	9.994 ms	1,0000%	8.016 dB
Avg Power	18.223 dBm	0,1000%	9.328 dB
Max Power	29.465 dBm	0,0100%	10.172 dB
PAR	11.242 dB	0,0010%	10.828 dB
		0,0001%	11.156 dB

Go To Local Show Remote Screen

Power RDY

RF Settings

Trigger

List Config.

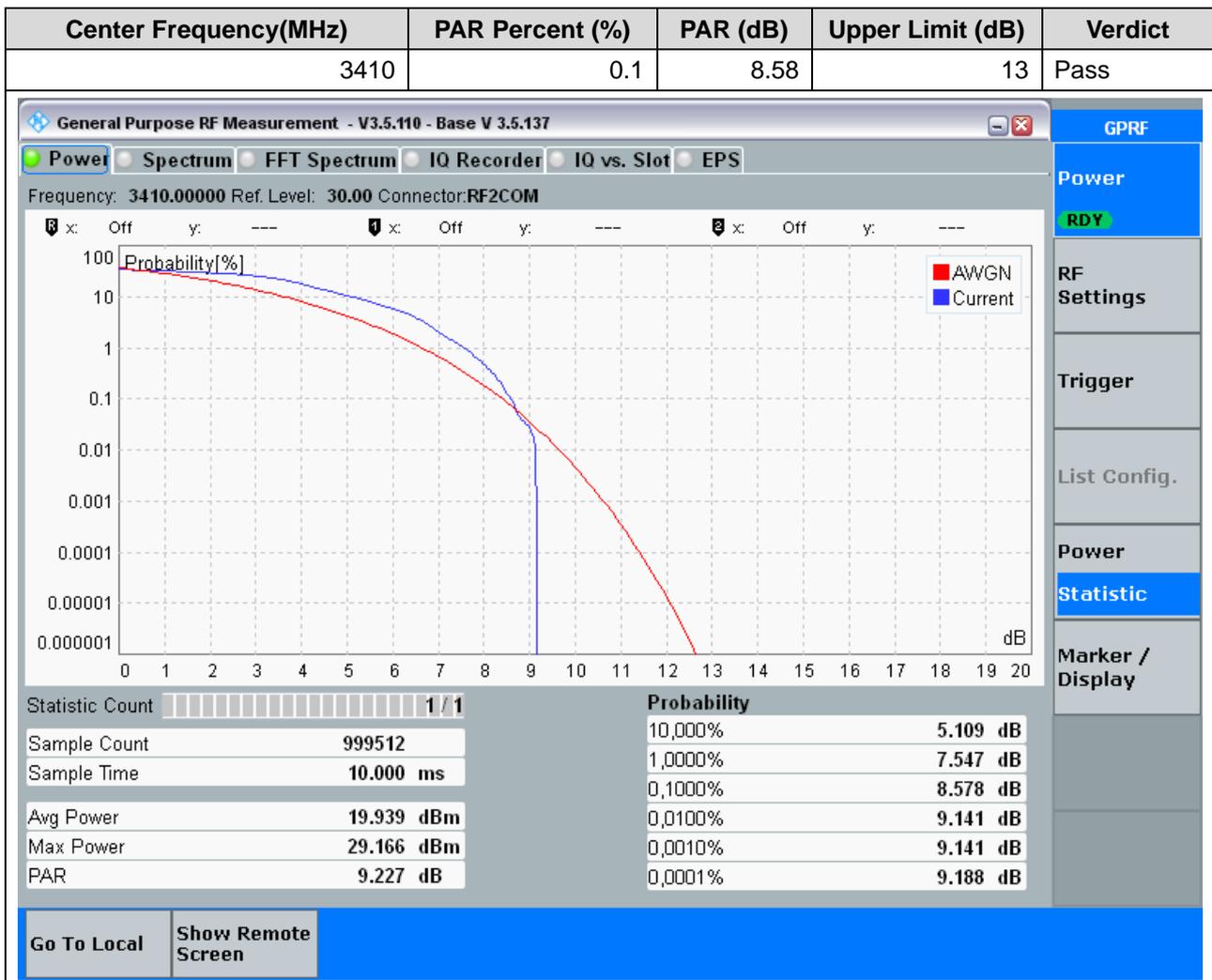
Power

Statistic

Marker / Display

12. LTE_Band42

12.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:41690, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



12.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:41690, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3410	0.1	9.14	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 3410.00000 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	998512	10,000%	4.969 dB
Sample Time	9.990 ms	1,0000%	7.688 dB
Avg Power	18.837 dBm	0,1000%	9.141 dB
Max Power	30.238 dBm	0,0100%	9.984 dB
PAR	11.402 dB	0,0010%	10.734 dB
		0,0001%	11.109 dB

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

Go To Local
Show Remote Screen

12.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:41690, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3410	0.1	9.33	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 3410.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count	
Sample Count	999512
Sample Time	10.000 ms
Avg Power	19.033 dBm
Max Power	28.735 dBm
PAR	9.703 dB

Probability	
10,000%	5.578 dB
1,0000%	8.156 dB
0,1000%	9.328 dB
0,0100%	9.609 dB
0,0010%	9.609 dB
0,0001%	9.656 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

12.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:41690, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3410	0.1	9.8	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 3410.00000 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%	5.391 dB
Sample Time	9.990 ms	1,0000%	8.156 dB
Avg Power	17.773 dBm	0,1000%	9.797 dB
Max Power	29.887 dBm	0,0010%	10.781 dB
PAR	12.114 dB	0,0001%	11.484 dB
			11.953 dB

Go To Local
Show Remote Screen

12.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:42590, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3500	0.1	8.81	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: 3500.00000 Ref. Level: 30.00 Connector:RF2COM

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

■ AWGN
 ■ Current

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Statistic Count		Probability	
Sample Count	999512	10,000%	5.109 dB
Sample Time	10.000 ms	1,0000%	7.547 dB
Avg Power	19.756 dBm	0,1000%	8.813 dB
Max Power	29.044 dBm	0,0100%	9.188 dB
PAR	9.288 dB	0,0010%	9.234 dB
PAR	9.288 dB	0,0001%	9.234 dB

Go To Local
Show Remote Screen

12.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:42590, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3500	0.1	9.14	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 3500.00000 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
■ Current

Statistic Count 1 / 1	
Sample Count 998512	
Sample Time 9.990 ms	
Avg Power 18.639 dBm	
Max Power 29.611 dBm	
PAR 10.972 dB	

Probability	dB
10,000%	4.969 dB
1,0000%	7.688 dB
0,1000%	9.141 dB
0,0100%	10.031 dB
0,0010%	10.500 dB
0,0001%	10.734 dB

Go To Local
Show Remote Screen

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

12.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:42590, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3500	0.1	9.61	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: 3500.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	18.836 dBm
Max Power	29.110 dBm
PAR	10.274 dB

Probability	
10,000%	5.578 dB
1,0000%	8.250 dB
0,1000%	9.609 dB
0,0100%	10.125 dB
0,0010%	10.219 dB
0,0001%	10.266 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

12.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:42590, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3500	0.1	9.8	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 3500.00000 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		Probability	
Sample Count	998512	10,000%	5.438 dB
Sample Time	9.990 ms	1,0000%	8.203 dB
Avg Power	17.649 dBm	0,1000%	9.797 dB
Max Power	29.877 dBm	0,0010%	10.875 dB
PAR	12.228 dB	0,0001%	11.813 dB
			12.141 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

12.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:43490, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3590	0.1	8.86	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: 3590.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	19.809 dBm
Max Power	29.276 dBm
PAR	9.467 dB

Probability	
10,000%	5.109 dB
1,0000%	7.547 dB
0,1000%	8.859 dB
0,0100%	9.328 dB
0,0010%	9.422 dB
0,0001%	9.422 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

12.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:43490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3590	0.1	9.19	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: 3590.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	18.681 dBm
Max Power	29.678 dBm
PAR	10.997 dB

Probability	
10,000%	4.969 dB
1,0000%	7.688 dB
0,1000%	9.188 dB
0,0100%	10.125 dB
0,0010%	10.594 dB
0,0001%	10.875 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

12.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:43490, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3590	0.1	9.52	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: 3590.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999512
Sample Time	10.000 ms
Avg Power	18.883 dBm
Max Power	28.983 dBm
PAR	10.100 dB

Probability	
10,000%	5.578 dB
1,0000%	8.484 dB
0,1000%	9.516 dB
0,0100%	9.984 dB
0,0010%	10.078 dB
0,0001%	10.078 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

12.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:43490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3590	0.1	9.84	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: 3590.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	17.705 dBm
Max Power	29.754 dBm
PAR	12.050 dB

Probability	
10,000%	5.438 dB
1,0000%	8.203 dB
0,1000%	9.844 dB
0,0100%	10.875 dB
0,0010%	11.625 dB
0,0001%	12.000 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

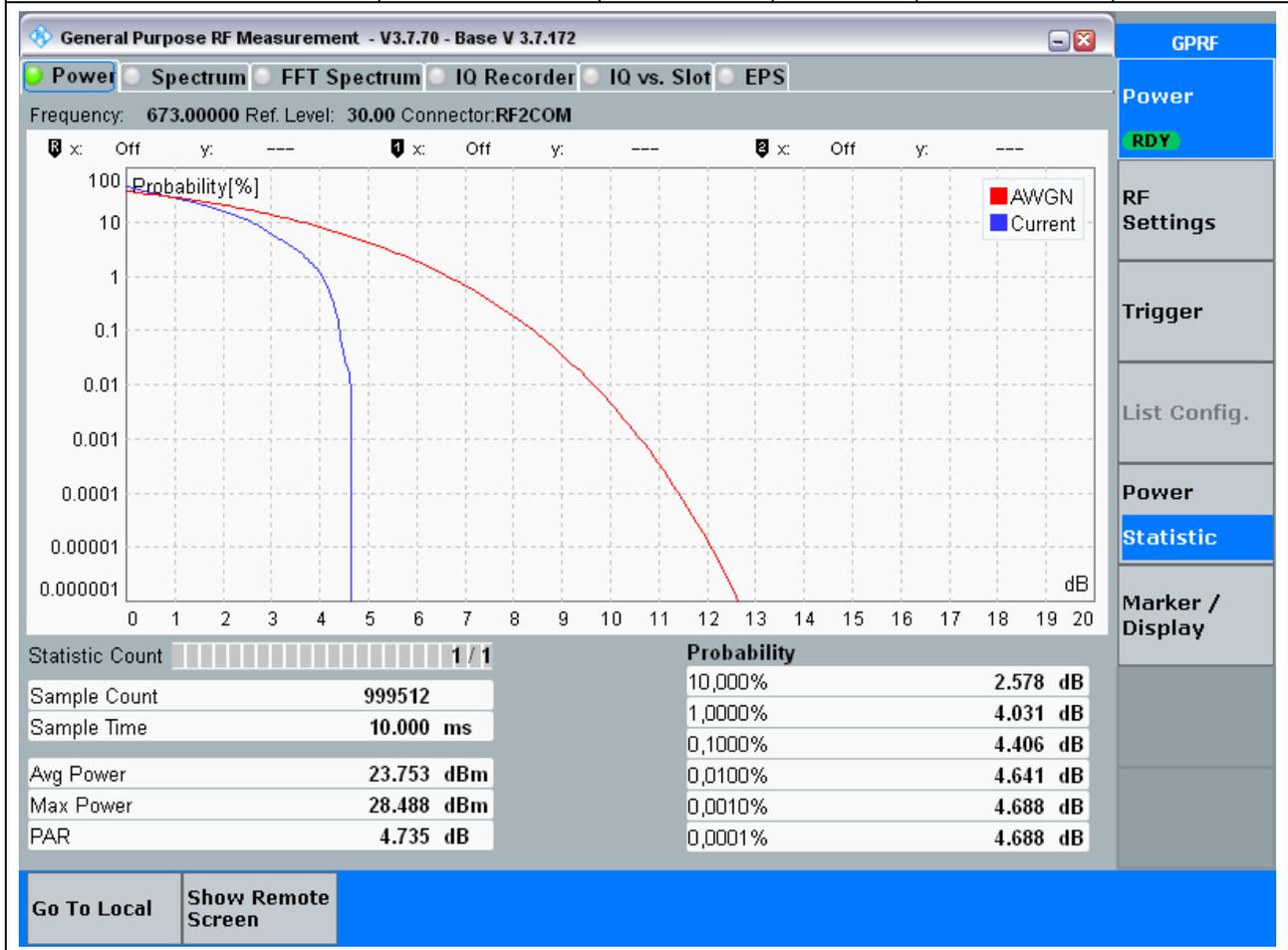
Statistic

Marker / Display

1. LTE_Band71

1.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:133222, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	4.41	13	Pass



1.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:133222, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	5.53	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 673.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count 1 / 1	Probability
Sample Count 998512	10,000% 2.391 dB
Sample Time 9.990 ms	1,0000% 4.406 dB
Avg Power 22.758 dBm	0,1000% 5.531 dB
Max Power 29.980 dBm	0,0100% 6.234 dB
PAR 7.223 dB	0,0010% 6.609 dB
	0,0001% 7.031 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

1.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:133222, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	5.02	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 673.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count 1 / 1	
Sample Count 999512	
Sample Time 10.000 ms	
Avg Power 23.014 dBm	
Max Power 28.284 dBm	
PAR 5.270 dB	

Probability	dB
10,000%	2.813 dB
1,0000%	4.594 dB
0,10000%	5.016 dB
0,01000%	5.156 dB
0,0010%	5.250 dB
0,0001%	5.250 dB

Go To Local
Show Remote Screen

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

1.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:133222, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	6.33	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 673.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count 1 / 1	Probability
Sample Count 998512	10,000% 2.906 dB
Sample Time 9.990 ms	1,0000% 5.063 dB
Avg Power 21.719 dBm	0,1000% 6.328 dB
Max Power 29.939 dBm	0,0100% 7.078 dB
PAR 8.220 dB	0,0010% 7.688 dB
	0,0001% 8.016 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

1.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:133322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
683	0.1	20	5.16	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 683.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count 1 / 1	Probability
Sample Count 999514	10,000% 2.578 dB
Sample Time 10.000 ms	1,0000% 4.500 dB
Avg Power 23.784 dBm	0,1000% 5.156 dB
Max Power 29.428 dBm	0,0100% 5.438 dB
PAR 5.644 dB	0,0010% 5.578 dB
	0,0001% 5.578 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

1.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:133322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
683	0.1	20	5.53	13	Pass

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 683.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count 1 / 1	
Sample Count 998512	
Sample Time 9.990 ms	
Avg Power 22.646 dBm	
Max Power 29.459 dBm	
PAR 6.813 dB	

Probability	dB
10,000%	2.344
1,0000%	4.406
0,1000%	5.531
0,0100%	6.188
0,0010%	6.609
0,0001%	6.750

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

1.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:133322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
683	0.1	20	6	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 683.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count 1 / 1	Probability
Sample Count 999514	10,000% 2.813 dB
Sample Time 10.000 ms	1,0000% 4.969 dB
Avg Power 22.786 dBm	0,1000% 6.000 dB
Max Power 29.547 dBm	0,0100% 6.563 dB
PAR 6.761 dB	0,0010% 6.656 dB
	0,0001% 6.703 dB

Go To Local
Show Remote Screen

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

1.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:133322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
683	0.1	20	6.33	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 683.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count 1 / 1	Probability
Sample Count 998512	10,000% 2.859 dB
Sample Time 9.990 ms	1,0000% 5.016 dB
Avg Power 21.658 dBm	0,1000% 6.328 dB
Max Power 29.824 dBm	0,0100% 7.219 dB
PAR 8.165 dB	0,0010% 7.734 dB
	0,0001% 8.063 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

1.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:133372, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	4.92	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 688.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count 1 / 1	Probability
Sample Count 999512	10,000% 2.625 dB
Sample Time 10.000 ms	1,0000% 4.359 dB
Avg Power 23.663 dBm	0,1000% 4.922 dB
Max Power 29.018 dBm	0,0100% 5.203 dB
PAR 5.356 dB	0,0010% 5.297 dB
	0,0001% 5.344 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Statistic

Marker / Display

1.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:133372, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	5.58	13	Pass

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

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

Power
RDY

Frequency: 688.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	998512	10,000%	2.344 dB
Sample Time	9.990 ms	1,0000%	4.406 dB
Avg Power	22.638 dBm	0,1000%	5.578 dB
Max Power	29.876 dBm	0,0100%	6.234 dB
PAR	7.237 dB	0,0010%	6.656 dB
		0,0001%	7.125 dB

Go To Local
Show Remote Screen

1.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:133372, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	5.86	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **688.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count 1 / 1	Probability
Sample Count 999512	10,000% 2.859 dB
Sample Time 10.000 ms	1,0000% 5.156 dB
Avg Power 22.785 dBm	0,1000% 5.859 dB
Max Power 29.090 dBm	0,0100% 6.188 dB
PAR 6.305 dB	0,0010% 6.234 dB
	0,0001% 6.234 dB

Go To Local
Show Remote Screen

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

1.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:133372, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	6.28	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **688.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count 1 / 1	Probability
Sample Count 998512	10,000% 2.859 dB
Sample Time 9.990 ms	1,0000% 5.016 dB
Avg Power 21.630 dBm	0,1000% 6.281 dB
Max Power 29.705 dBm	0,0100% 7.078 dB
PAR 8.075 dB	0,0010% 7.594 dB
	0,0001% 7.734 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

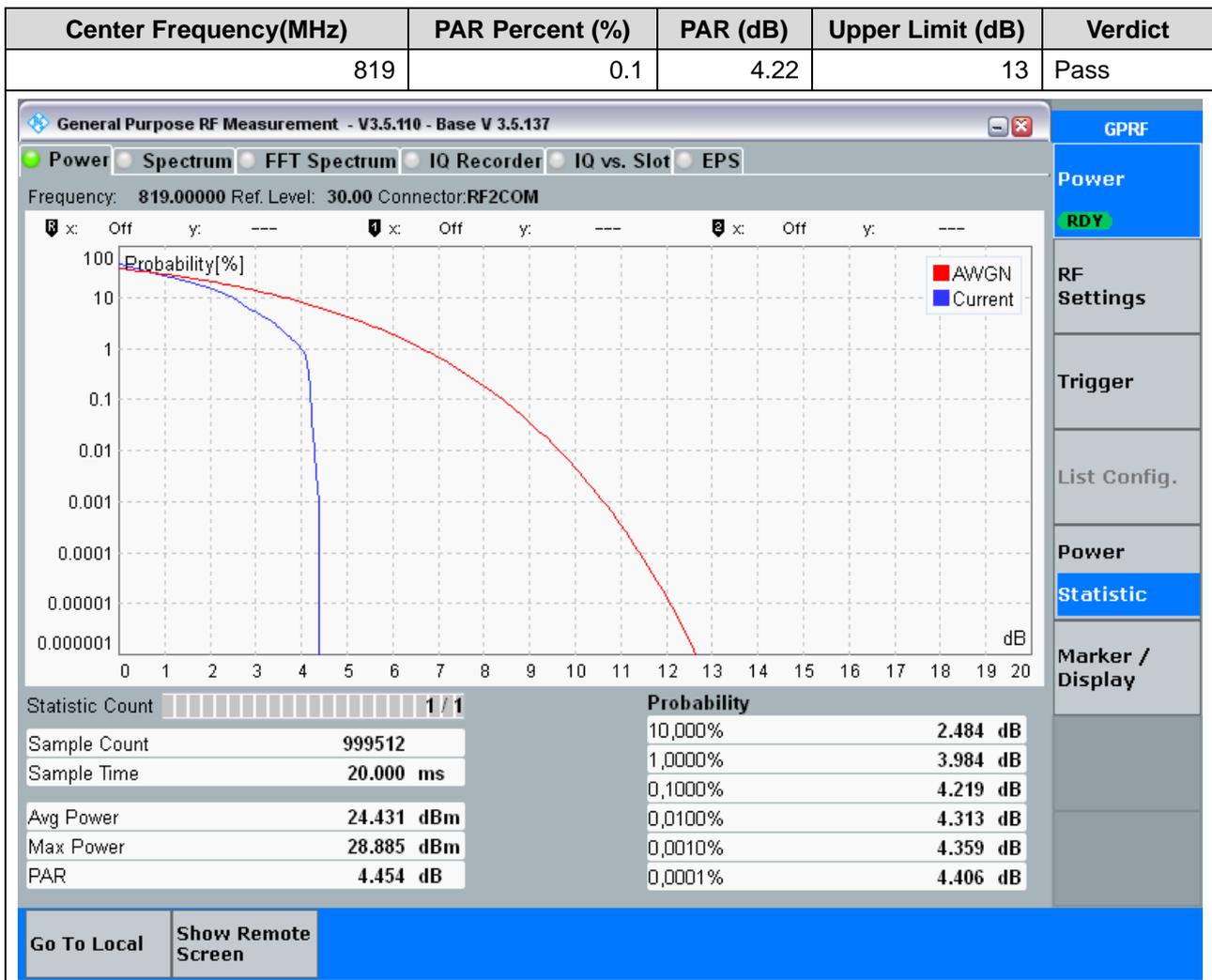
List Config.

Statistic

Marker / Display

1. LTE_Band26(part90)

1.1. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:1, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



1.2. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:2, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819	0.1	5.2	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: 819.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	23.521 dBm
Max Power	29.508 dBm
PAR	5.986 dB

Probability	
10,000%	2.297 dB
1,0000%	4.313 dB
0,1000%	5.203 dB
0,0100%	5.578 dB
0,0010%	5.813 dB
0,0001%	5.953 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

1.3. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:3, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819	0.1	4.92	13	Pass

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

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: **819.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count 1 / 1	Probability
Sample Count 999512	10,000% 2.766 dB
Sample Time 20.000 ms	1,0000% 4.641 dB
Avg Power 23.710 dBm	0,1000% 4.922 dB
Max Power 28.931 dBm	0,0100% 5.016 dB
PAR 5.221 dB	0,0010% 5.156 dB
	0,0001% 5.203 dB

Go To Local
Show Remote Screen

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

1.4. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:4, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819	0.1	5.86	13	Pass

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

GPRF

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

Frequency: **819.00000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count		Probability	
Sample Count	1023252	10,000%	2.813 dB
Sample Time	20.475 ms	1,0000%	4.922 dB
Avg Power	22.485 dBm	0,1000%	5.859 dB
Max Power	29.190 dBm	0,0100%	6.281 dB
PAR	6.705 dB	0,0010%	6.516 dB
		0,0001%	6.656 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

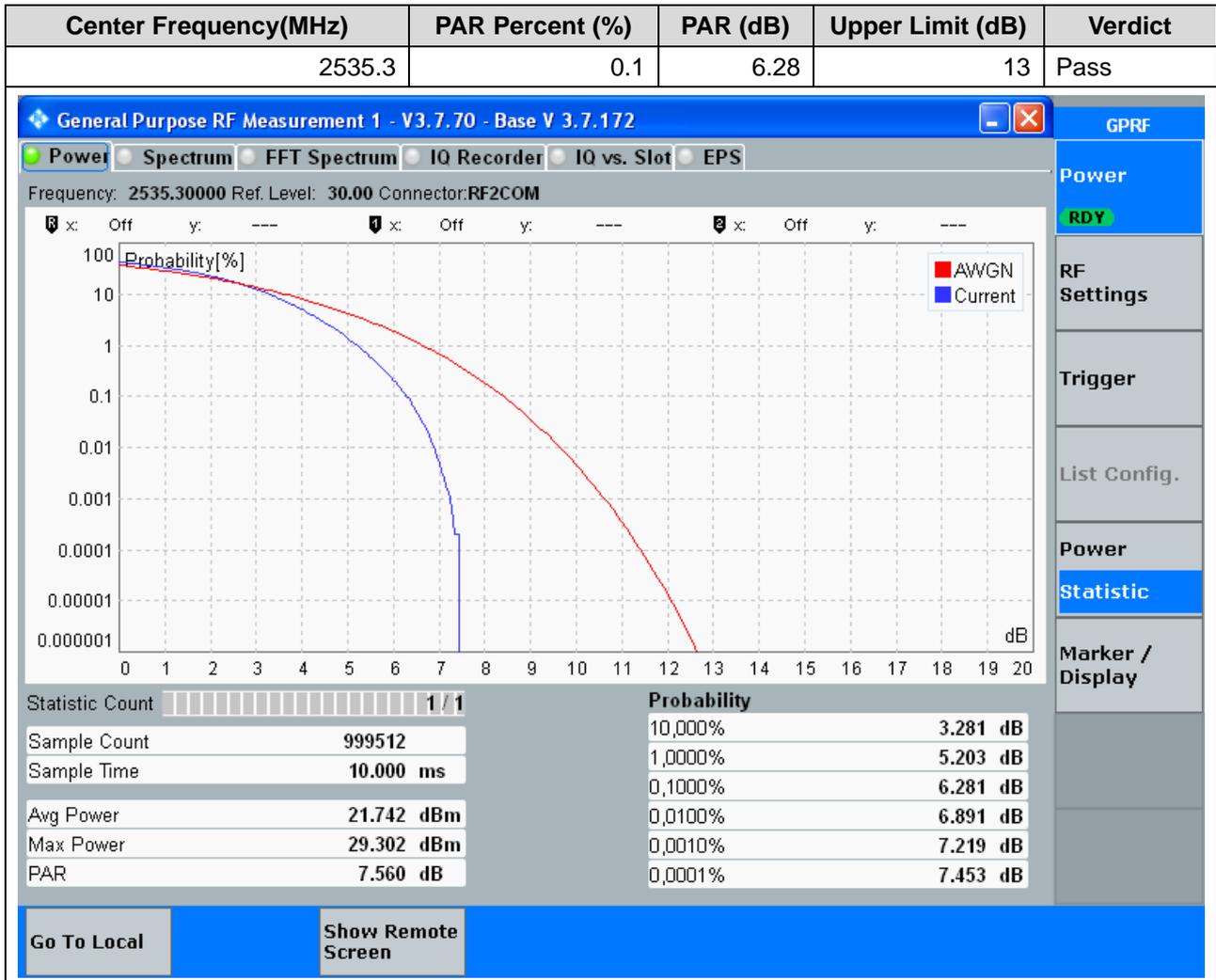
Power

Statistic

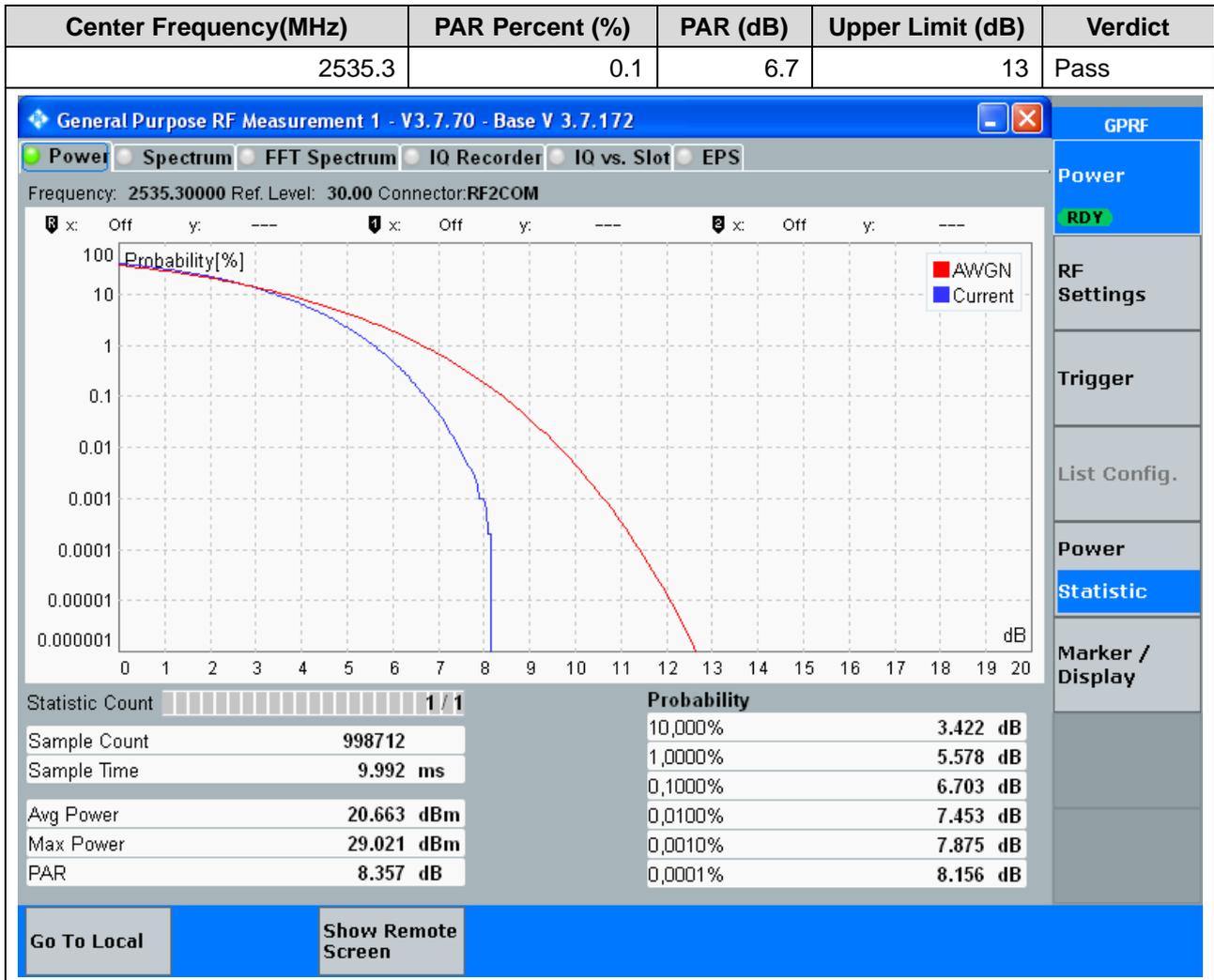
Marker / Display

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)



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)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2534.8	0.1	6.37	13	Pass

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

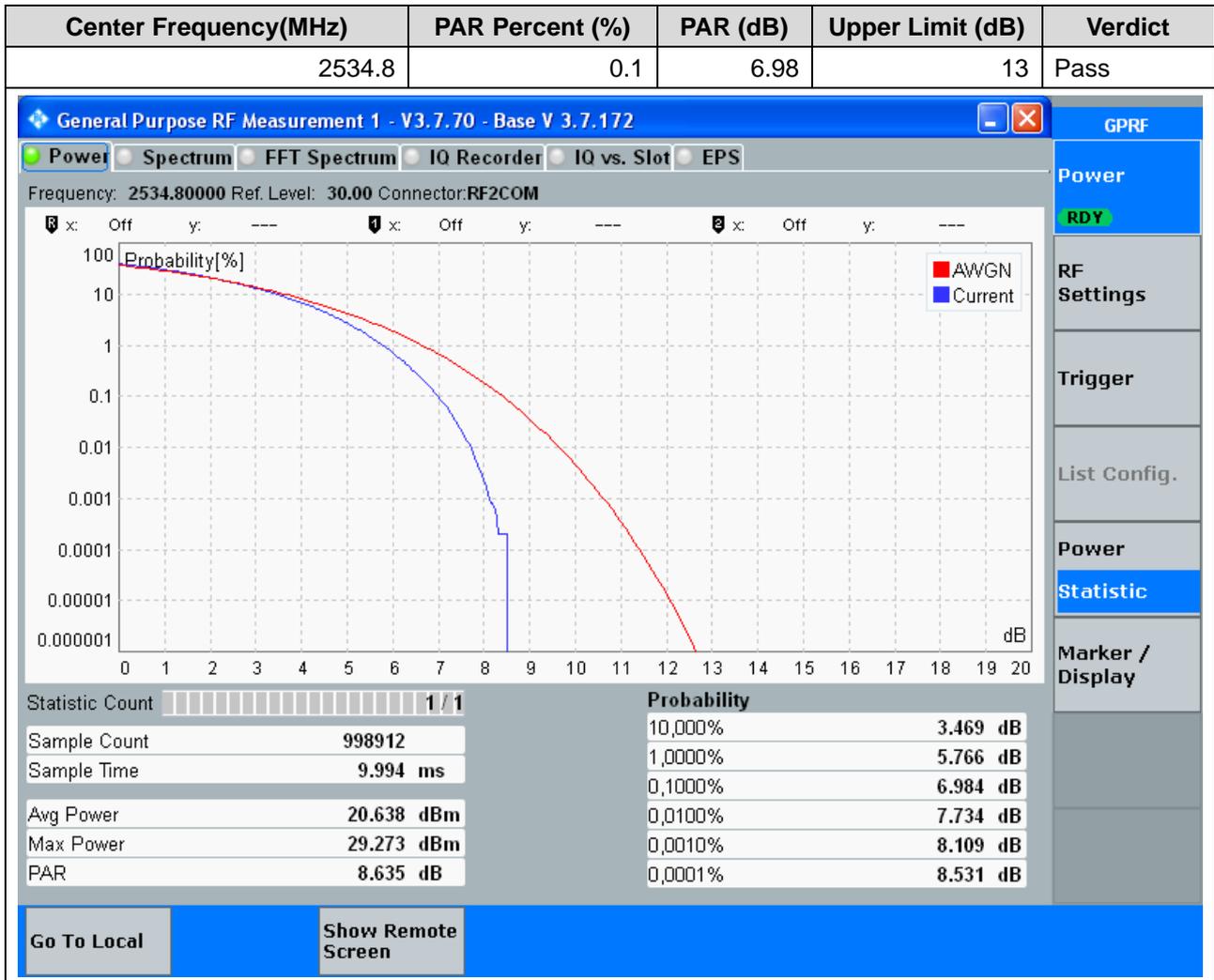
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2534.80000 Ref. Level: 30.00 Connector:RF2COM

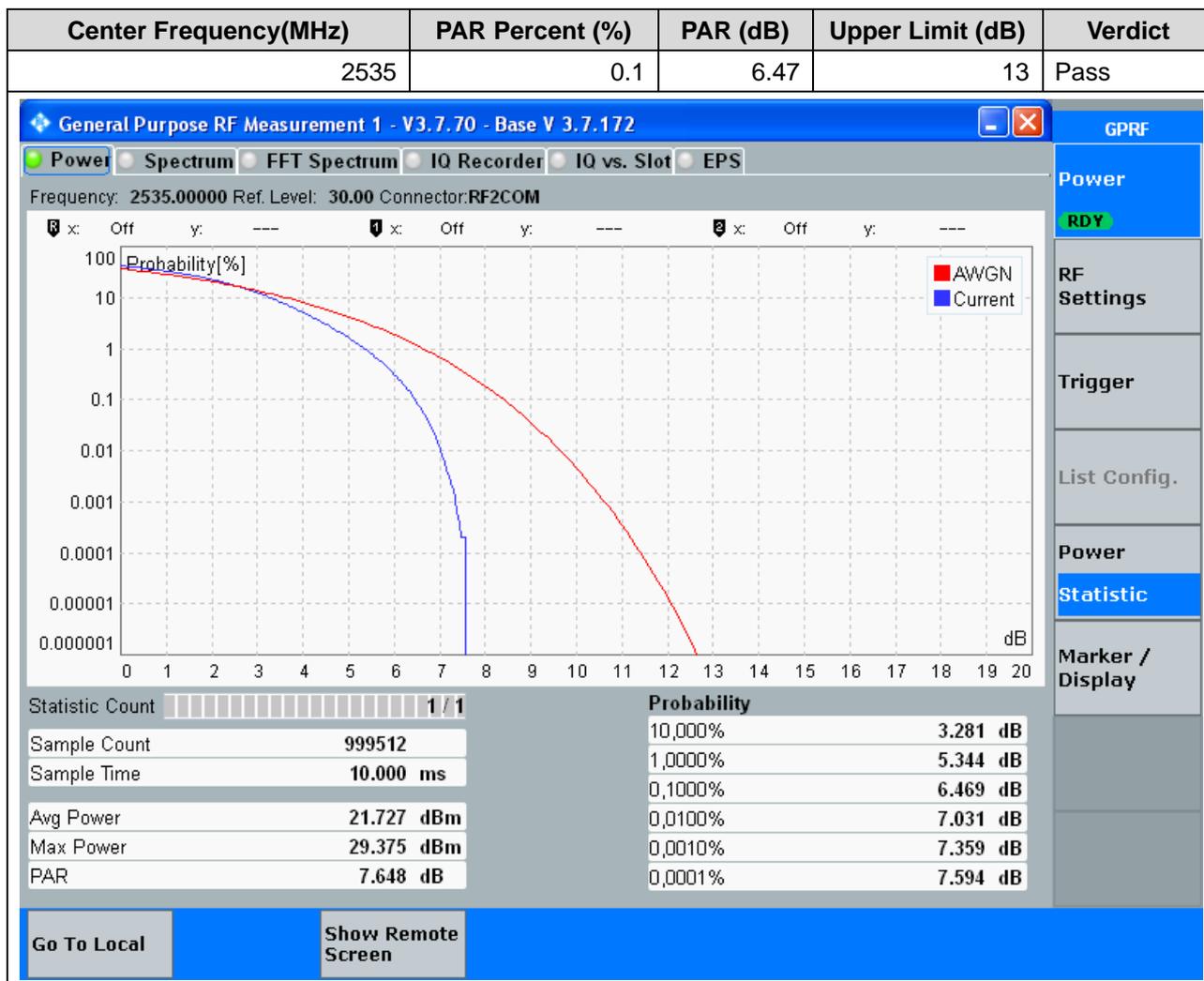
Statistic Count	1 / 1	Probability	
Sample Count	999312	10,000%	3.328 dB
Sample Time	9.998 ms	1,0000%	5.297 dB
Avg Power	21.738 dBm	0,1000%	6.375 dB
Max Power	29.429 dBm	0,0010%	7.266 dB
PAR	7.691 dB	0,0001%	7.500 dB

Go To Local Show Remote Screen

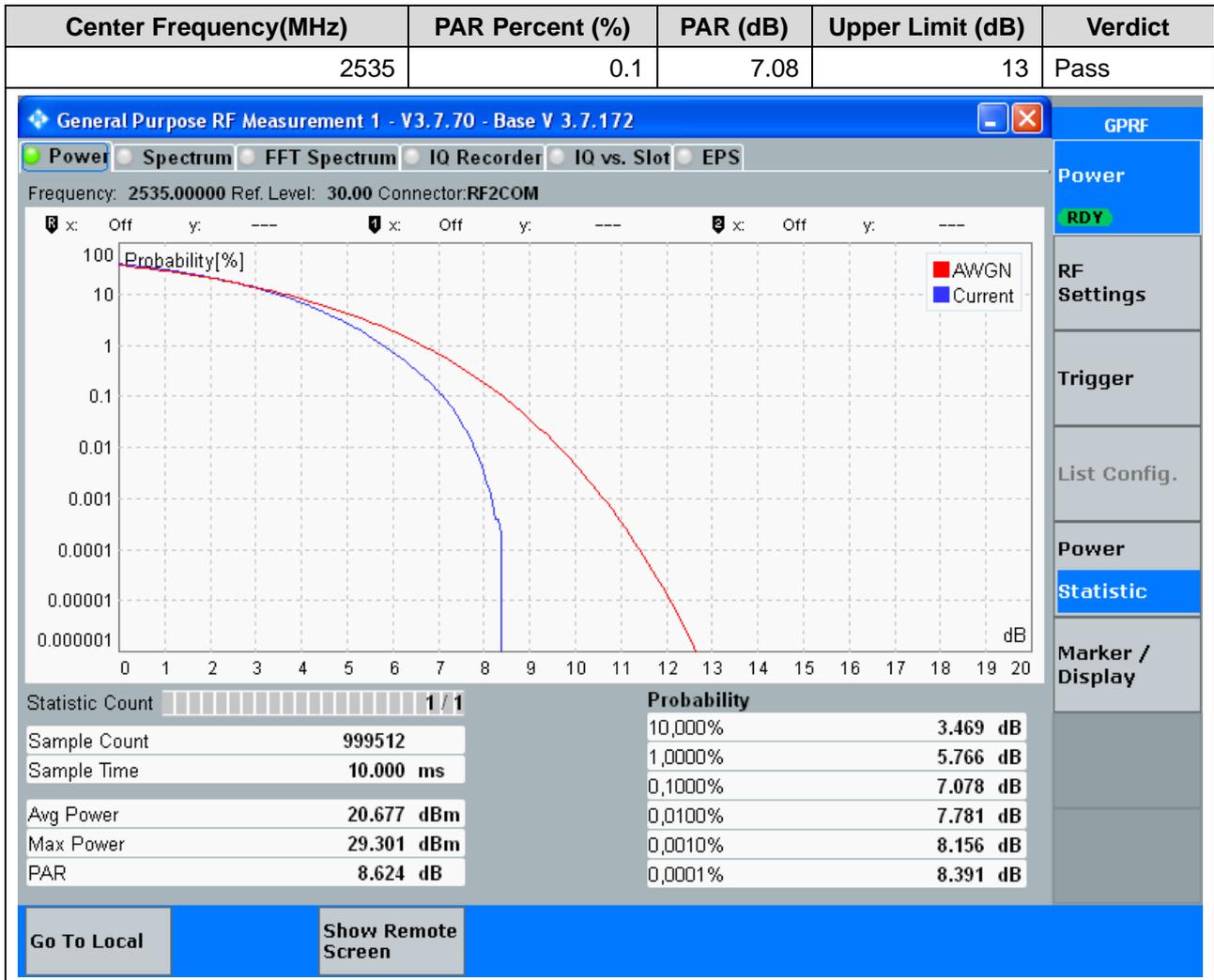
**1.4. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



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)



**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	6.33	13	Pass

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

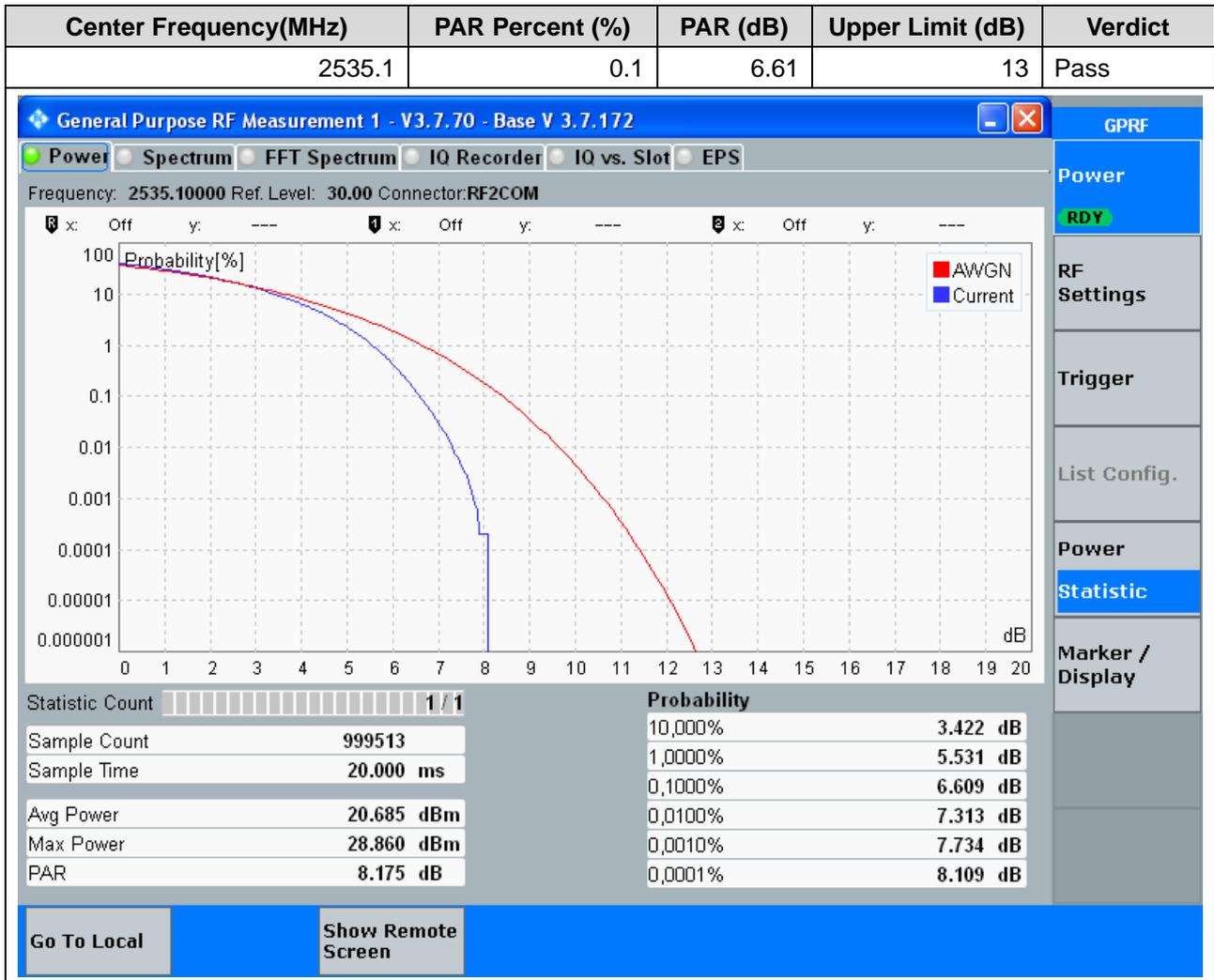
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2535.10000 Ref. Level: 30.00 Connector:RF2COM

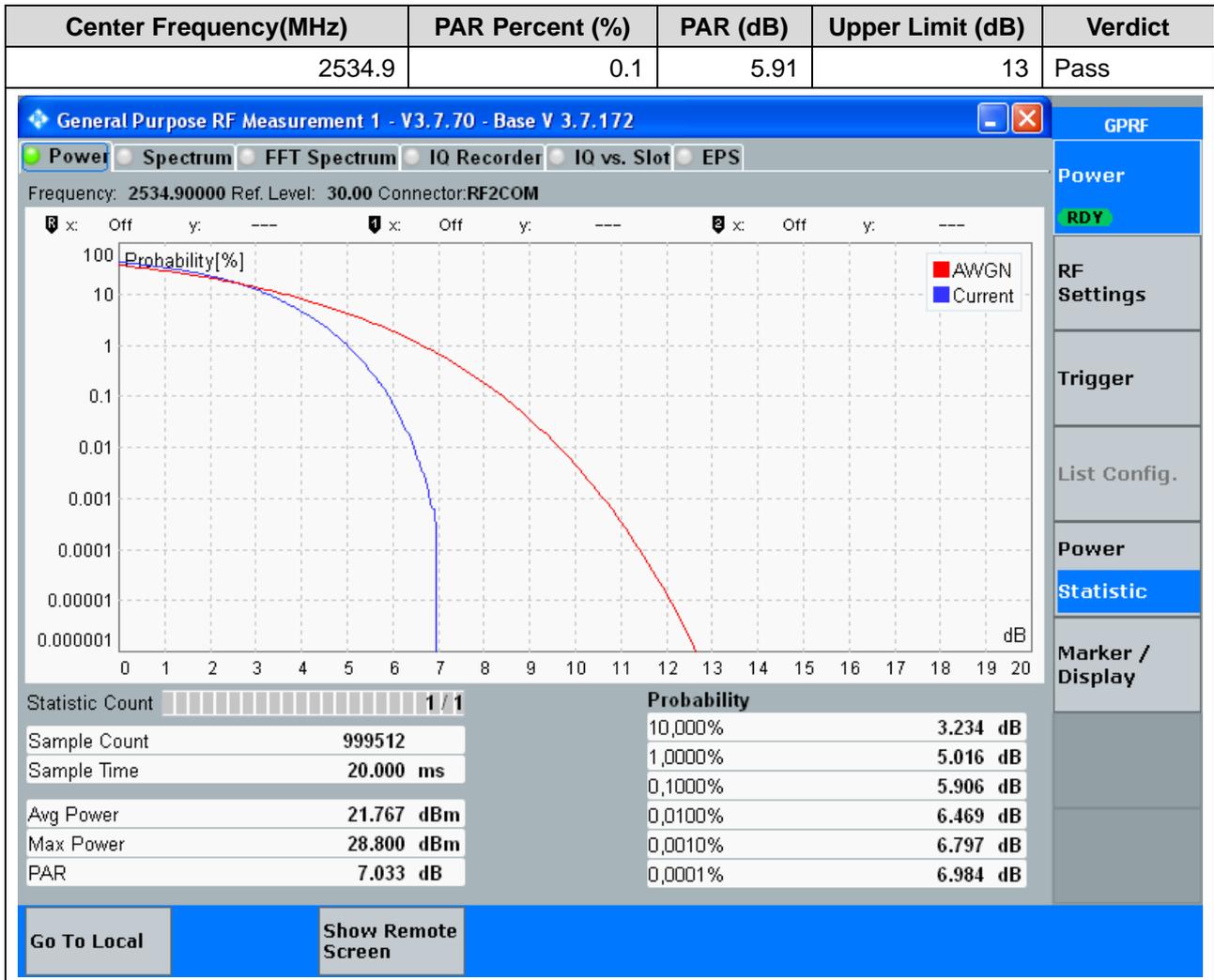
Statistic Count	Value	Probability	Value
Sample Count	998512	10,000%	3.281 dB
Sample Time	19.980 ms	1,0000%	5.297 dB
Avg Power	21.762 dBm	0,1000%	6.328 dB
Max Power	28.931 dBm	0,0100%	6.750 dB
PAR	7.169 dB	0,0010%	7.078 dB
		0,0001%	7.125 dB

Go To Local Show Remote Screen

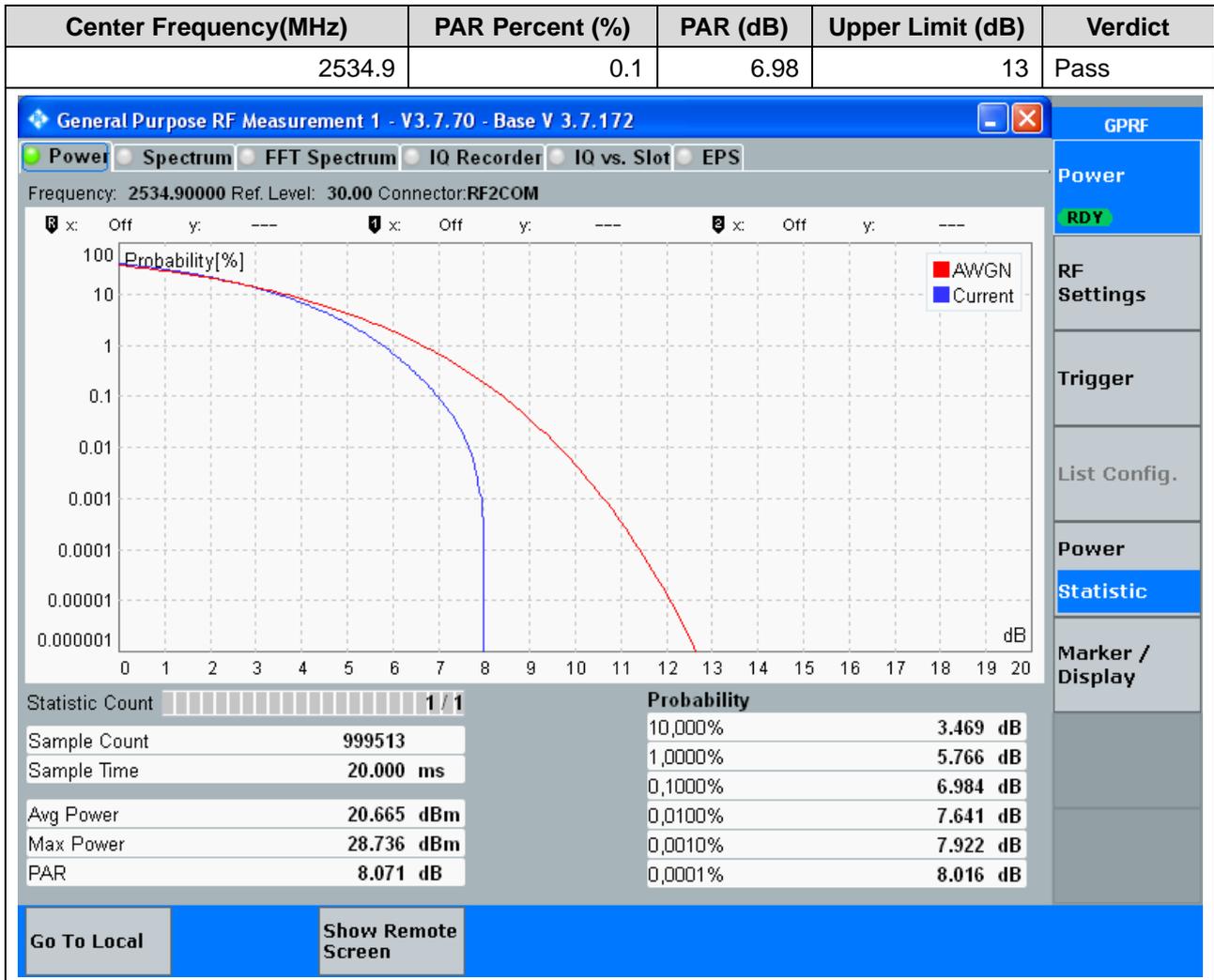
**1.8. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



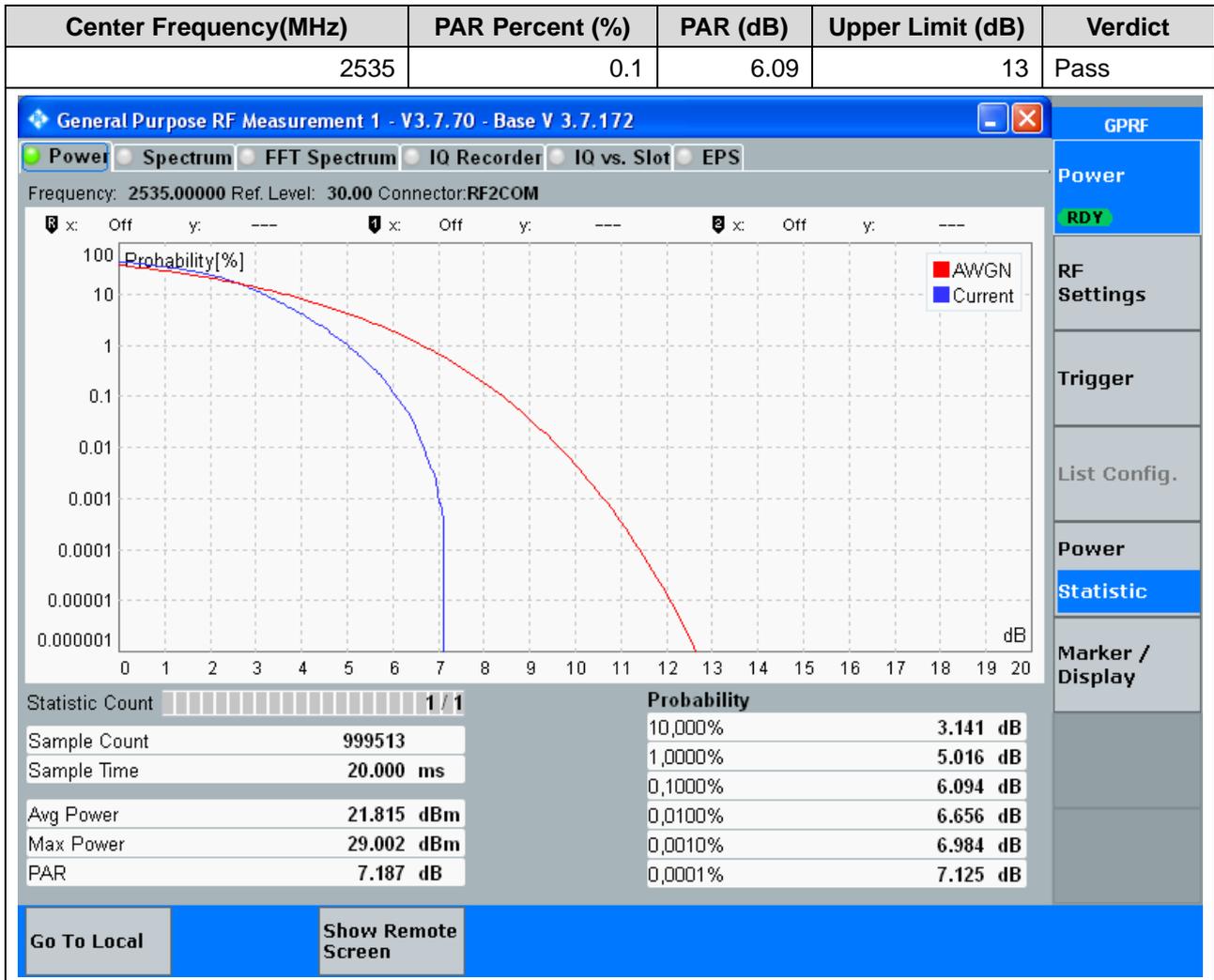
**1.9. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



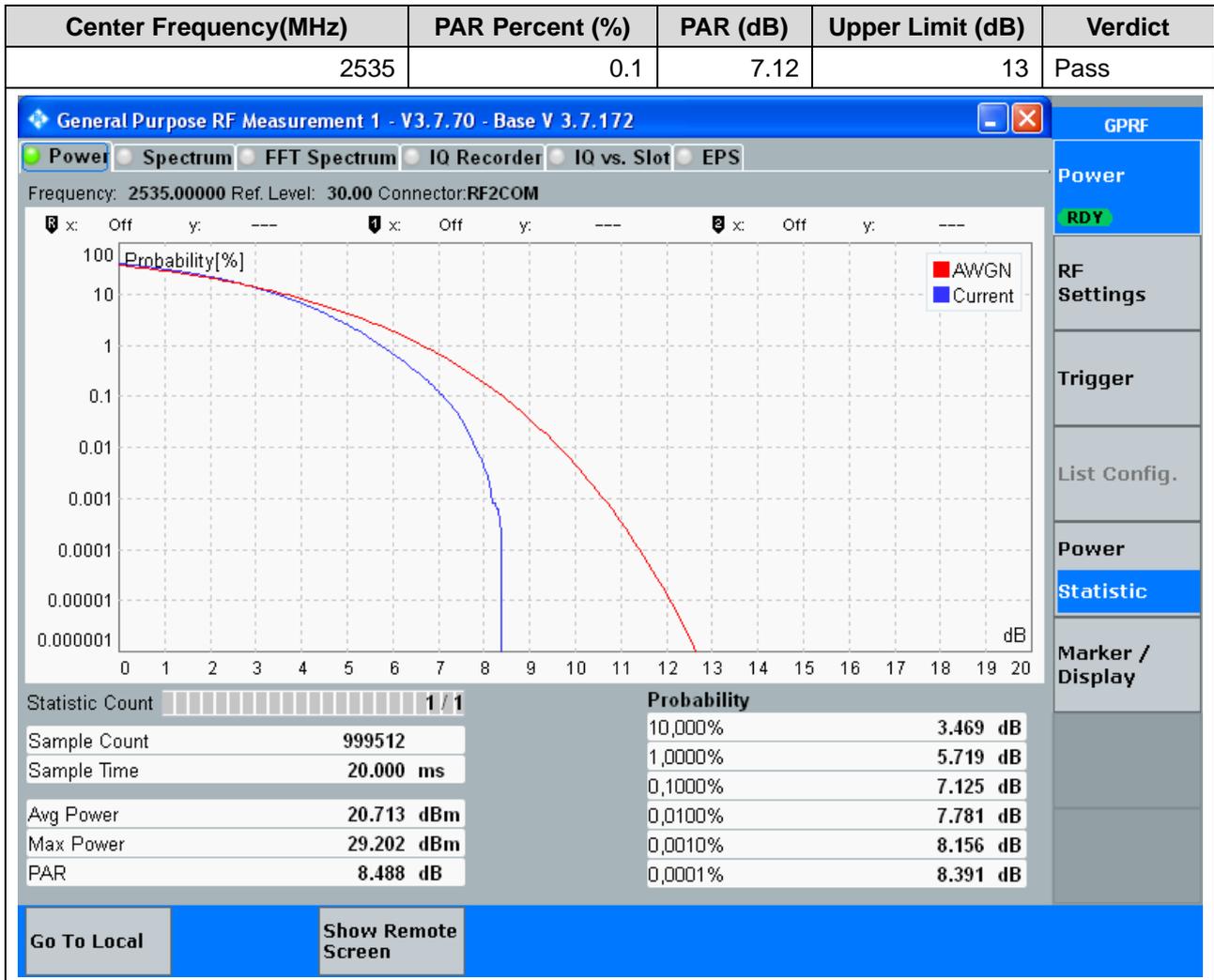
1.10. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



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)

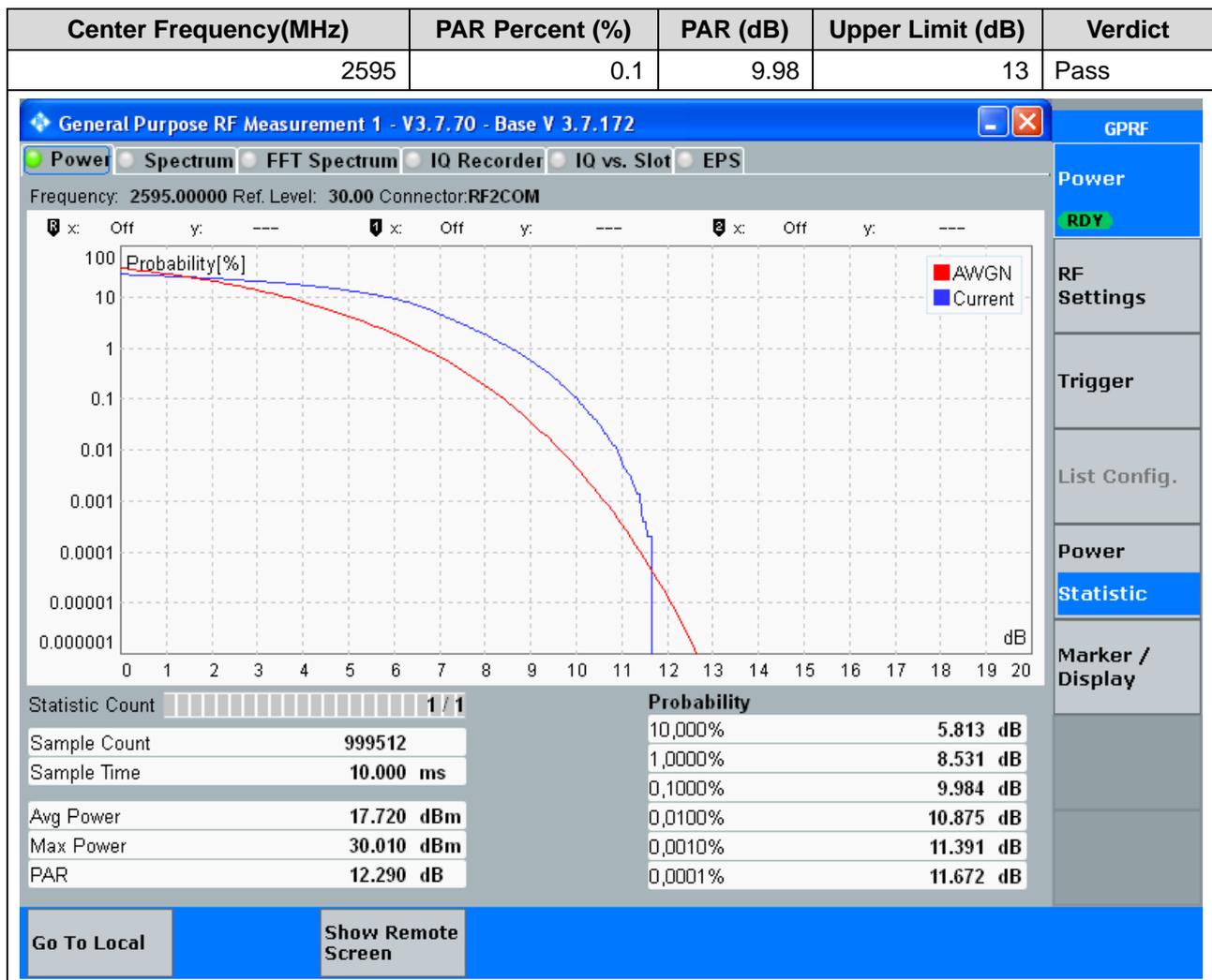


1.12. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



2. CA_38C

2.1. 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)



**2.2. 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)**

