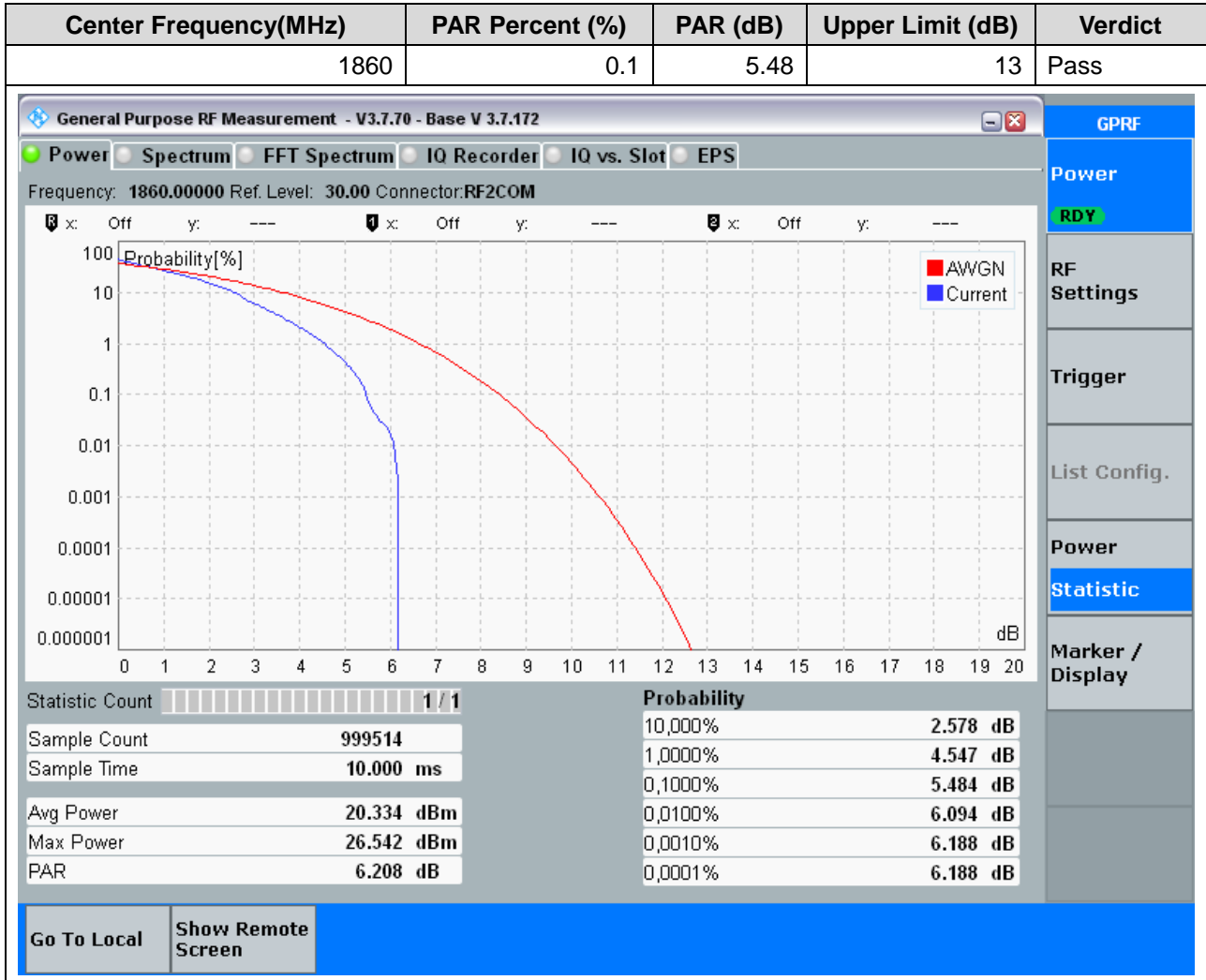


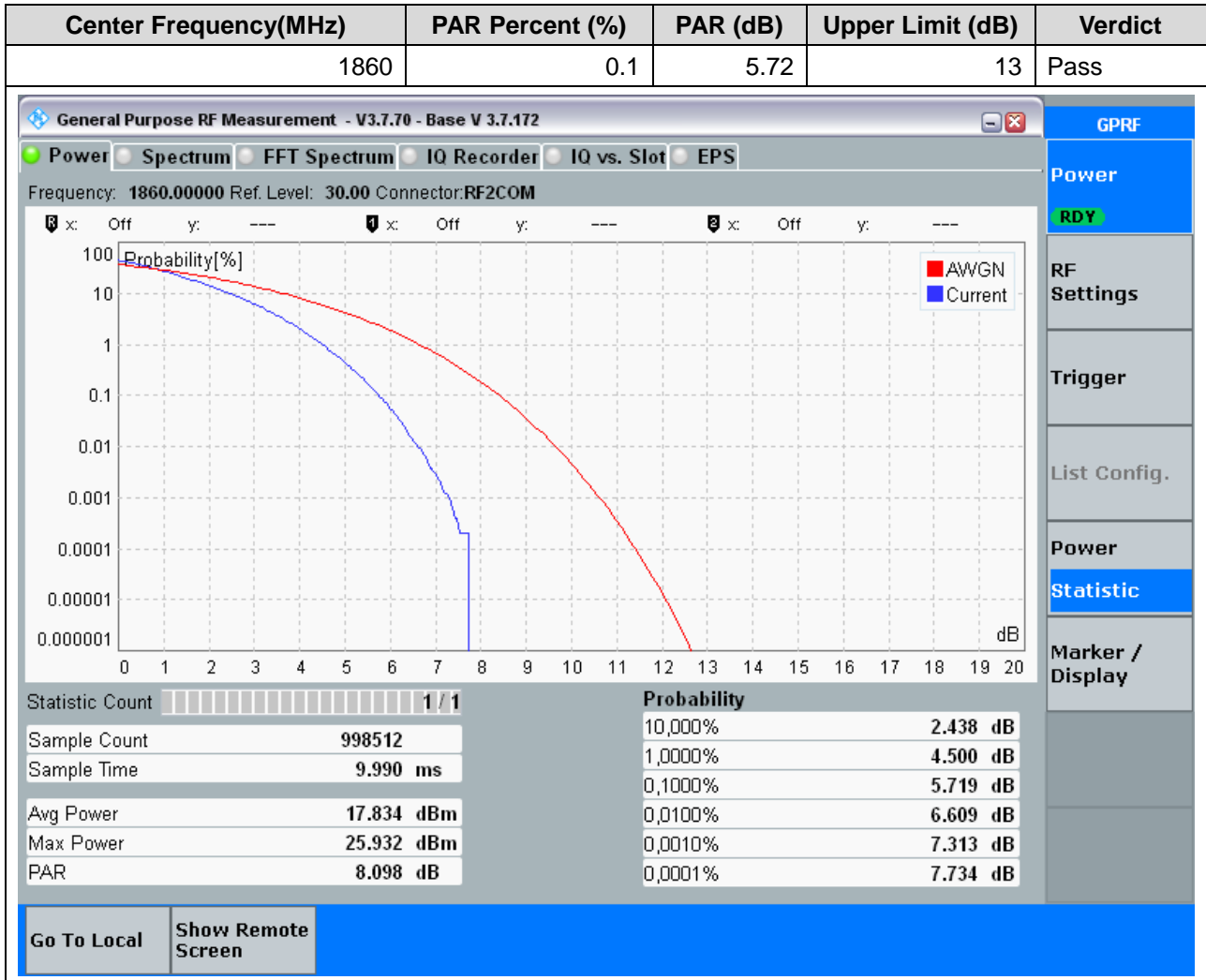
Annex A.2 Peak to Average Ratio

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)



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	5.91	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-off around 6.3 dB, while the 'AWGN' curve is much flatter. Below the plot, a table provides measurement statistics:

Statistic	Value	Probability	Value (dB)
Sample Count	999514	10,000%	2.672 dB
Sample Time	10.000 ms	1,0000%	4.922 dB
Avg Power	19.516 dBm	0,1000%	5.906 dB
Max Power	25.855 dBm	0,0100%	6.188 dB
PAR	6.339 dB	0,0010%	6.281 dB
		0,0001%	6.281 dB

At the bottom of the interface, there are buttons for 'Go To Local' and '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	6.47	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1860.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998512	10,000%	2.953 dB
Sample Time	9.990 ms	1,0000%	5.063 dB
Avg Power	16.779 dBm	0,1000%	6.469 dB
Max Power	25.797 dBm	0,0100%	7.359 dB
PAR	9.018 dB	0,0010%	8.391 dB
		0,0001%	8.906 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

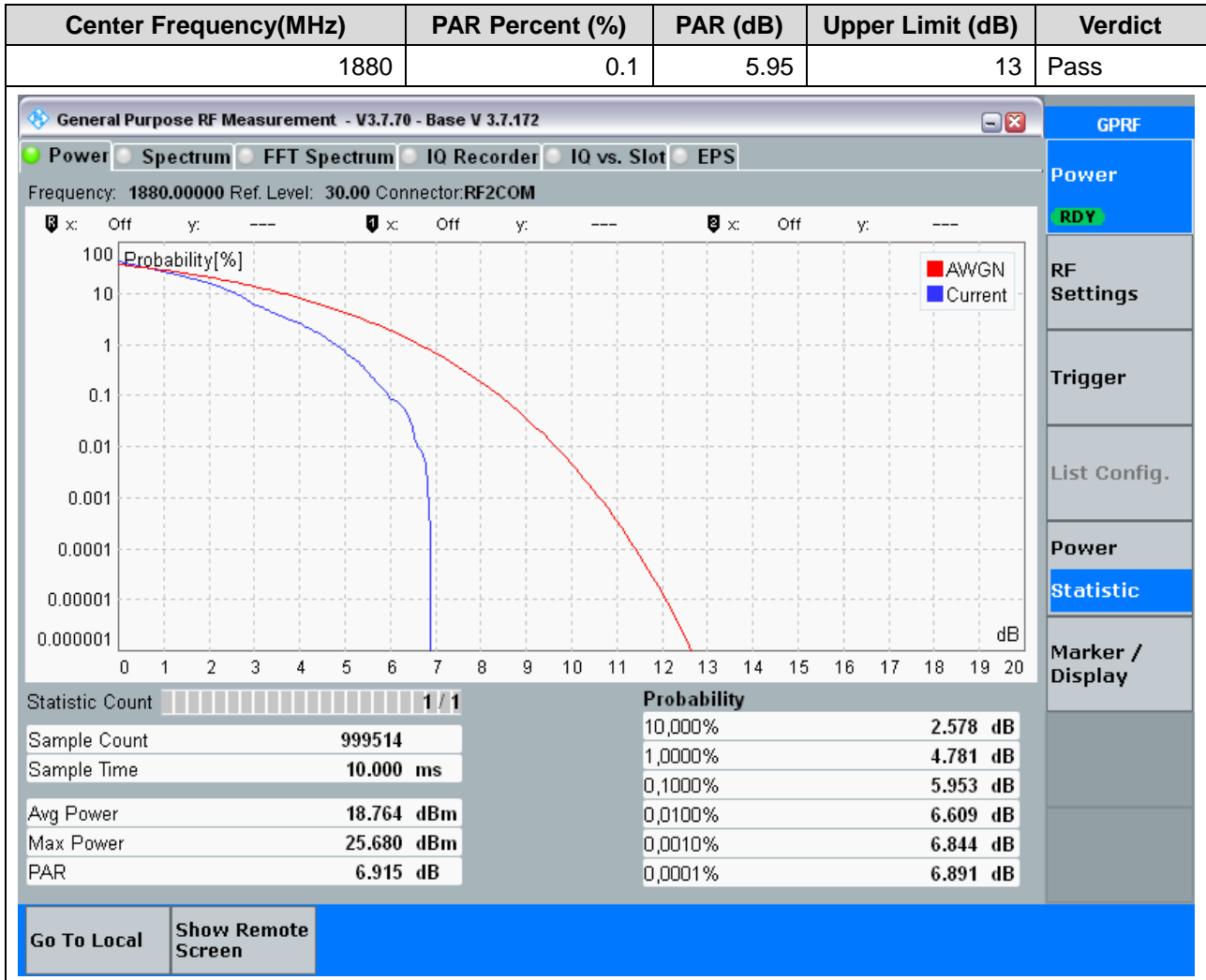
List Config.

Power

Statistic

Marker / Display

1.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



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	5.91	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against dB on the x-axis (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 7.5 dB, while the 'AWGN' curve is much flatter. Below the graph, a statistics table provides the following data:

Statistic Count	Value	Probability	Value (dB)
Sample Count	998512	10,000%	2.438 dB
Sample Time	9.990 ms	1,0000%	4.641 dB
Avg Power	18.233 dBm	0,1000%	5.906 dB
Max Power	25.891 dBm	0,0100%	6.703 dB
PAR	7.659 dB	0,0010%	7.313 dB
		0,0001%	7.641 dB

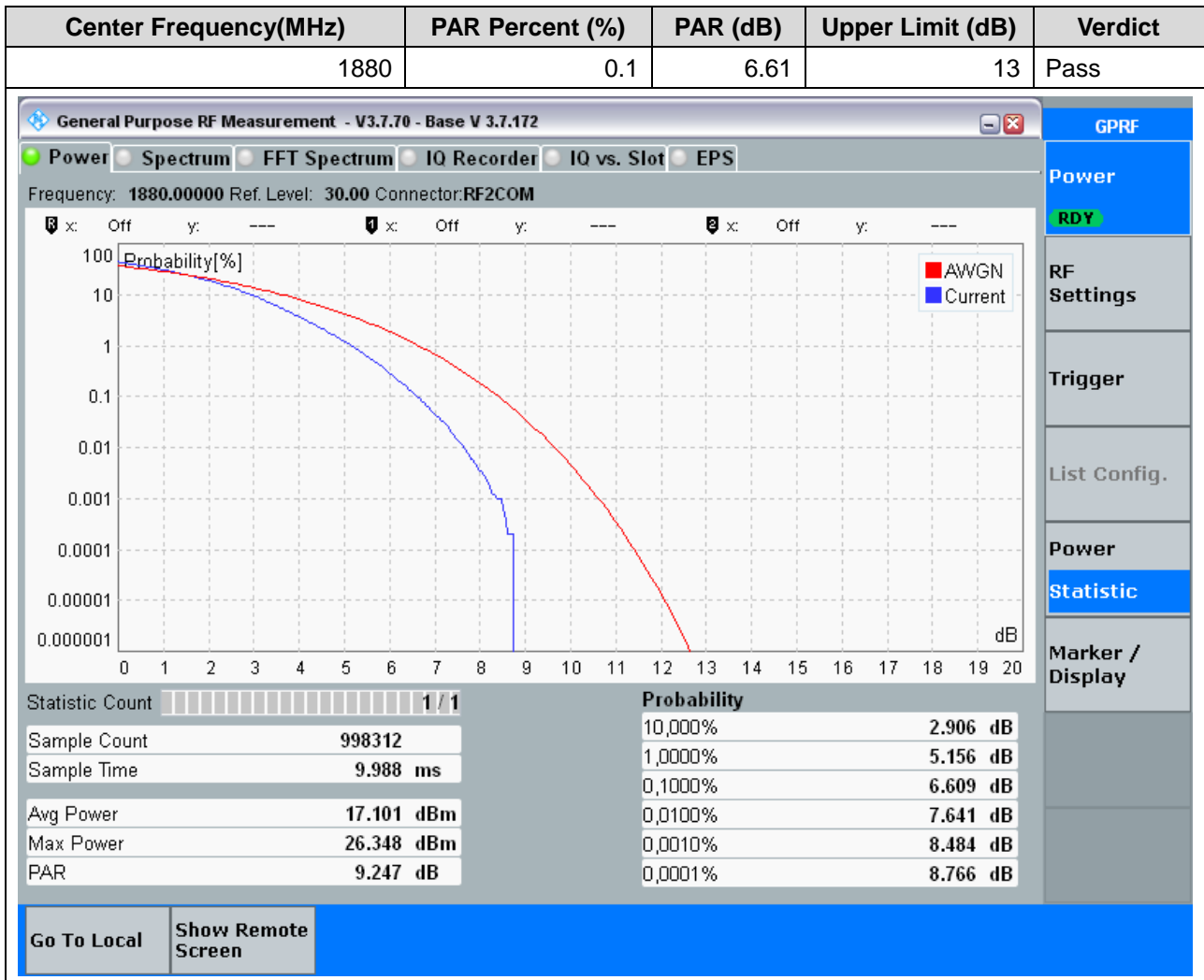
1.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.56	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 '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 7.8 dB, while the 'AWGN' curve is smoother and extends to about 12.5 dB.

Statistic Count		Probability	
Sample Count	999714	10,000%	2.766 dB
Sample Time	10.002 ms	1,0000%	5.109 dB
Avg Power	17.861 dBm	0,1000%	6.563 dB
Max Power	25.834 dBm	0,0100%	7.500 dB
PAR	7.972 dB	0,0010%	7.781 dB
		0,0001%	7.875 dB

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)



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	5.86	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against dB on the x-axis (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 6.8 dB. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	999712	10,000%	2.531 dB
Sample Time	10.002 ms	1,0000%	4.641 dB
Avg Power	19.117 dBm	0,1000%	5.859 dB
Max Power	26.006 dBm	0,0100%	6.703 dB
PAR	6.890 dB	0,0010%	6.844 dB
		0,0001%	6.844 dB

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	5.95	13	Pass

Statistic Count		Probability	
Sample Count	998312	10,000%	2.484 dB
Sample Time	9.988 ms	1,0000%	4.594 dB
Avg Power	17.517 dBm	0,1000%	5.953 dB
Max Power	26.000 dBm	0,0100%	6.891 dB
PAR	8.483 dB	0,0010%	7.641 dB
		0,0001%	8.344 dB

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	6.89	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 '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-off around 7.5 dB, while the 'AWGN' curve is smoother and extends to about 12.5 dB.

Statistic Count		Probability	
Sample Count	999912	10,000%	2.719 dB
Sample Time	10.004 ms	1,0000%	5.391 dB
Avg Power	18.248 dBm	0,1000%	6.891 dB
Max Power	25.823 dBm	0,0100%	7.313 dB
PAR	7.575 dB	0,0010%	7.453 dB
		0,0001%	7.547 dB

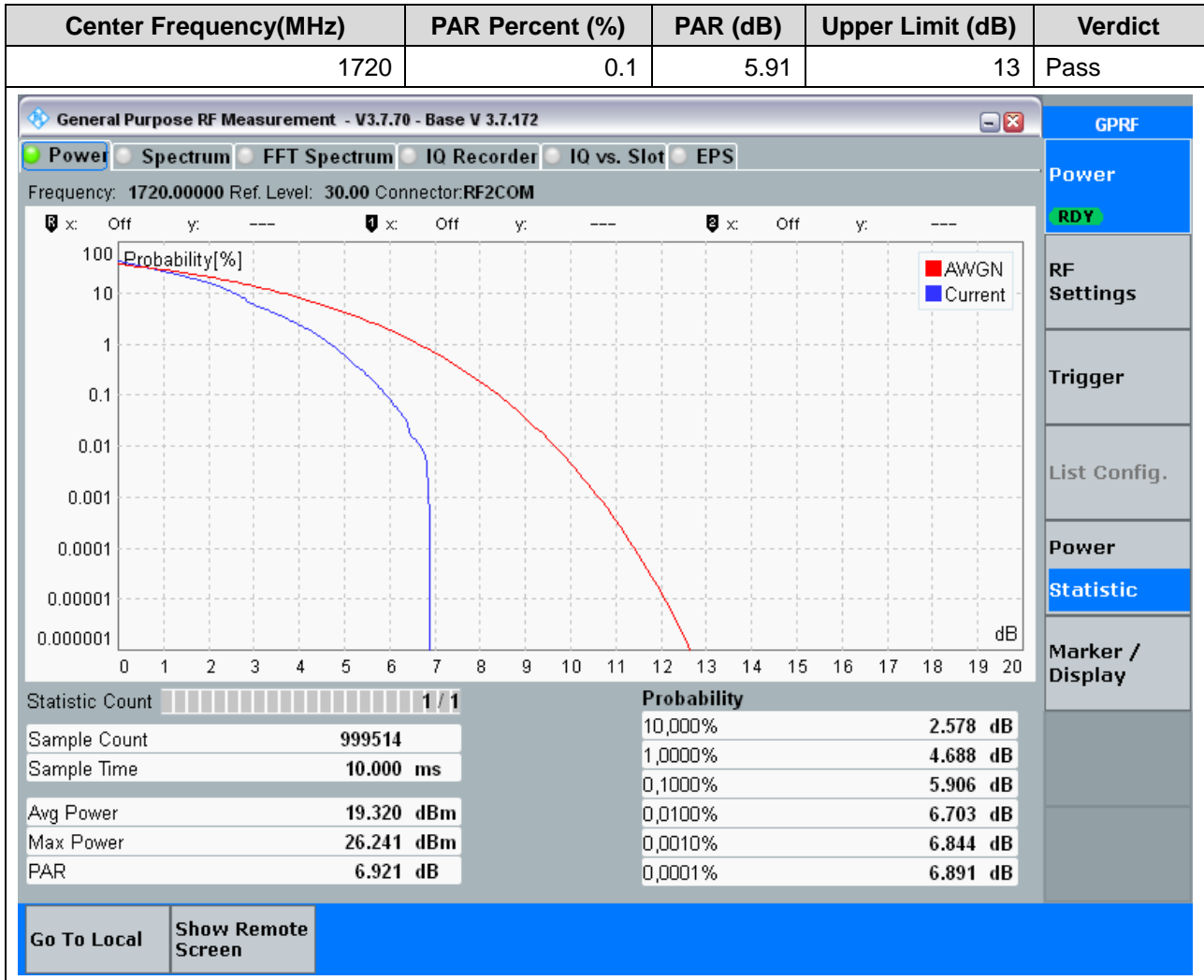
1.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	6.52	13	Pass

Statistic Count		Probability	
Sample Count	998114	10,000%	2.953 dB
Sample Time	9.986 ms	1,0000%	5.109 dB
Avg Power	16.485 dBm	0,1000%	6.516 dB
Max Power	25.198 dBm	0,0100%	7.453 dB
PAR	8.712 dB	0,0010%	8.109 dB
		0,0001%	8.625 dB

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	5.72	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 8 dB. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	998512	10,000%	2.344 dB
Sample Time	9.990 ms	1,0000%	4.453 dB
Avg Power	16.992 dBm	0,1000%	5.719 dB
Max Power	25.135 dBm	0,0100%	6.563 dB
PAR	8.144 dB	0,0010%	7.266 dB
		0,0001%	8.016 dB

Additional interface elements include a 'Statistic Count' of 1/1, a 'Go To Local' button, and a 'Show Remote Screen' button. The right sidebar contains navigation options like 'GPRF', 'Power', 'RF Settings', 'Trigger', 'List Config.', 'Power', 'Statistic', and 'Marker / Display'.

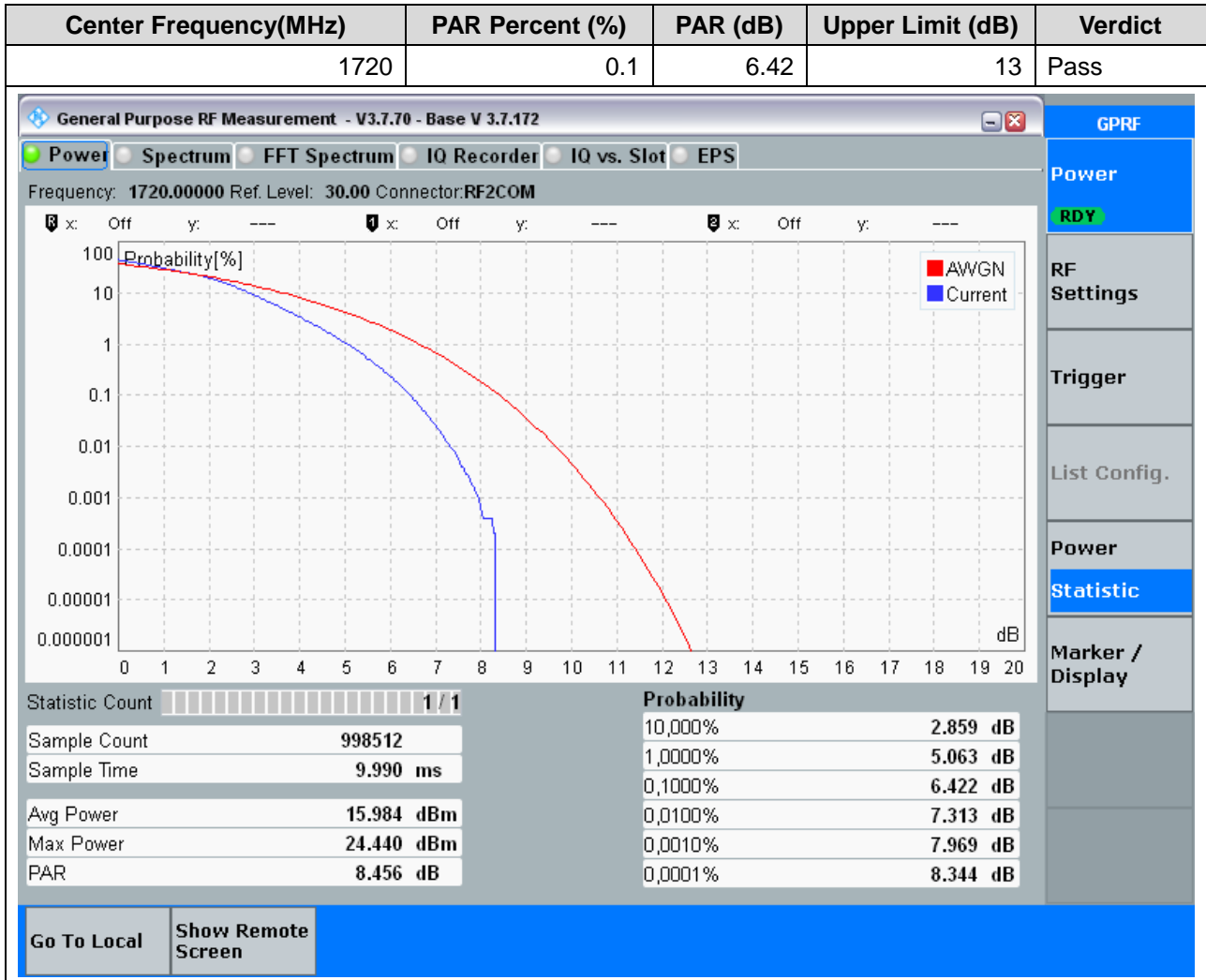
2.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	7.03	13	Pass

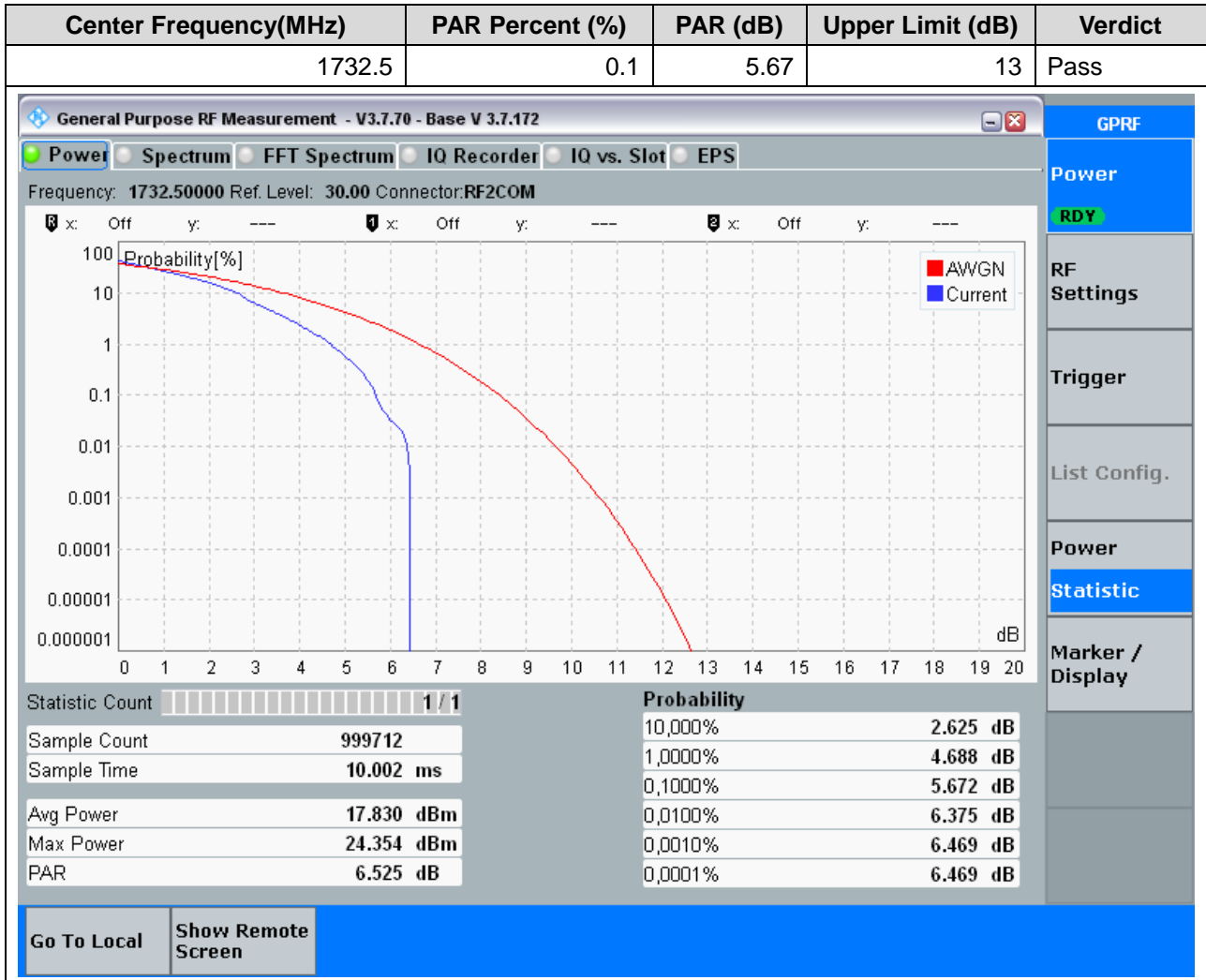
The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on the y-axis (log scale from 0.000001 to 100) against dB on the x-axis (linear scale from 0 to 20). Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a sharp drop-off around 7.7 dB, while the 'AWGN' curve is smoother and extends to about 12.5 dB.

Statistic Count	Sample Count	Sample Time	Avg Power	Max Power	PAR	Probability	Value
1 / 1	999514	10.000 ms	18.460 dBm	26.232 dBm	7.773 dB	10,000%	2.859 dB
						1,0000%	5.531 dB
						0,1000%	7.031 dB
						0,0100%	7.453 dB
						0,0010%	7.641 dB
						0,0001%	7.734 dB

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)



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)



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)

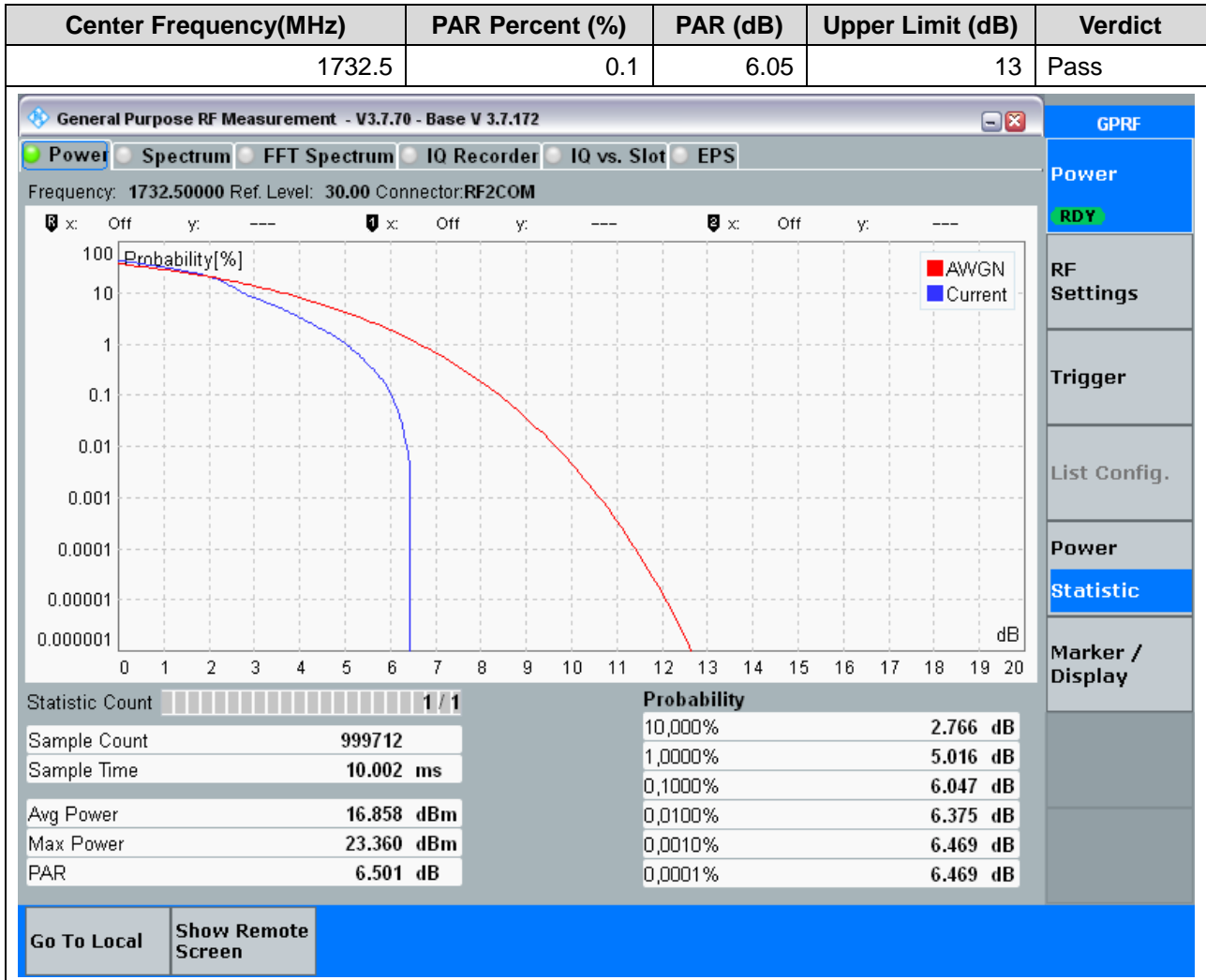
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.91	13	Pass

The screenshot shows the 'General Purpose RF Measurement' software interface. The main window displays a graph of Probability [%] versus dB. Two curves are shown: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a sharp drop in probability around 8 dB, while the 'AWGN' curve is smoother and extends to higher dB values. Below the graph is a statistics table with the following data:

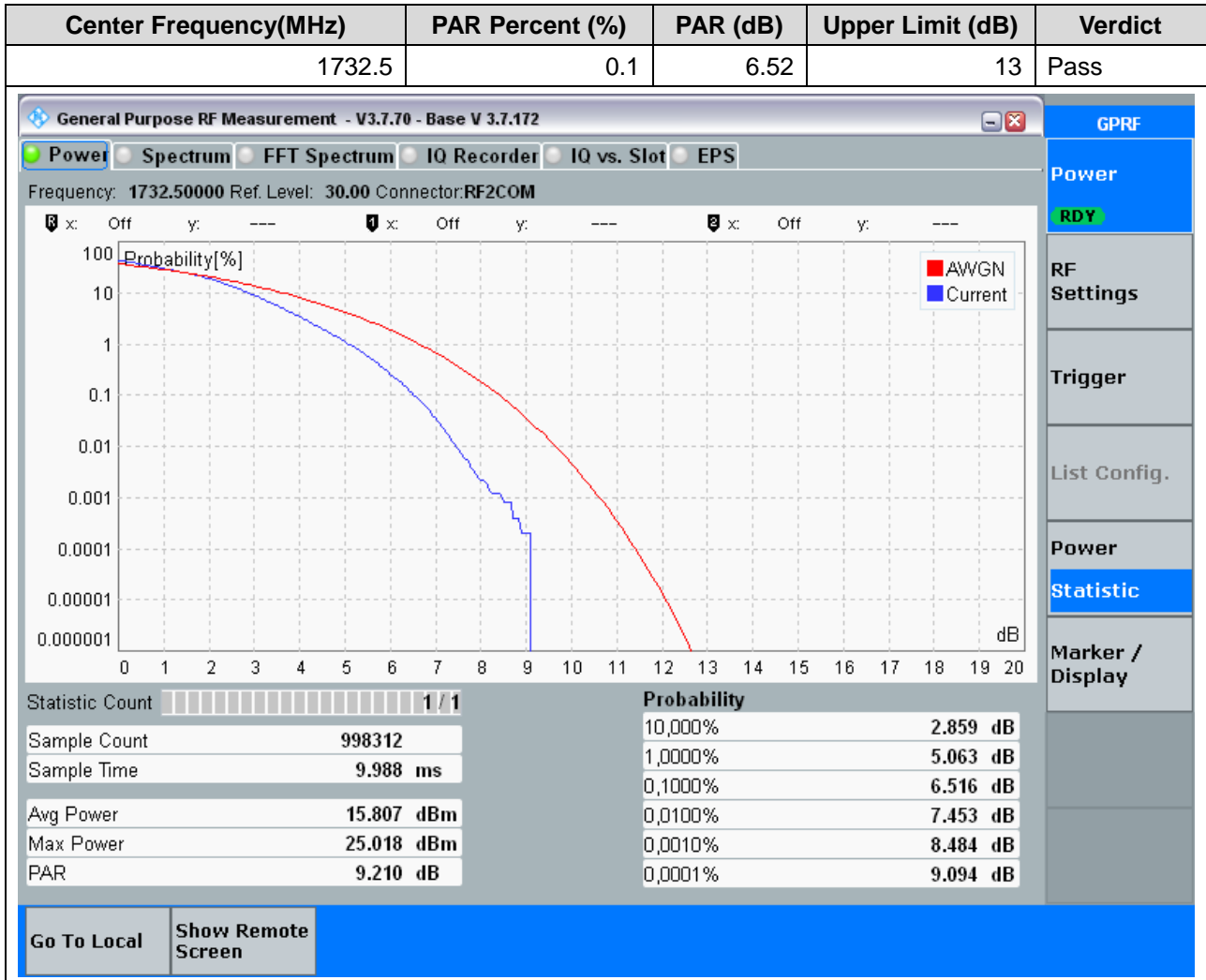
Statistic	Value	Probability	Value
Sample Count	998314	10,000%	2.391 dB
Sample Time	9.988 ms	1,0000%	4.547 dB
Avg Power	17.064 dBm	0,1000%	5.906 dB
Max Power	25.558 dBm	0,0100%	6.844 dB
PAR	8.494 dB	0,0010%	7.500 dB
		0,0001%	8.156 dB

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

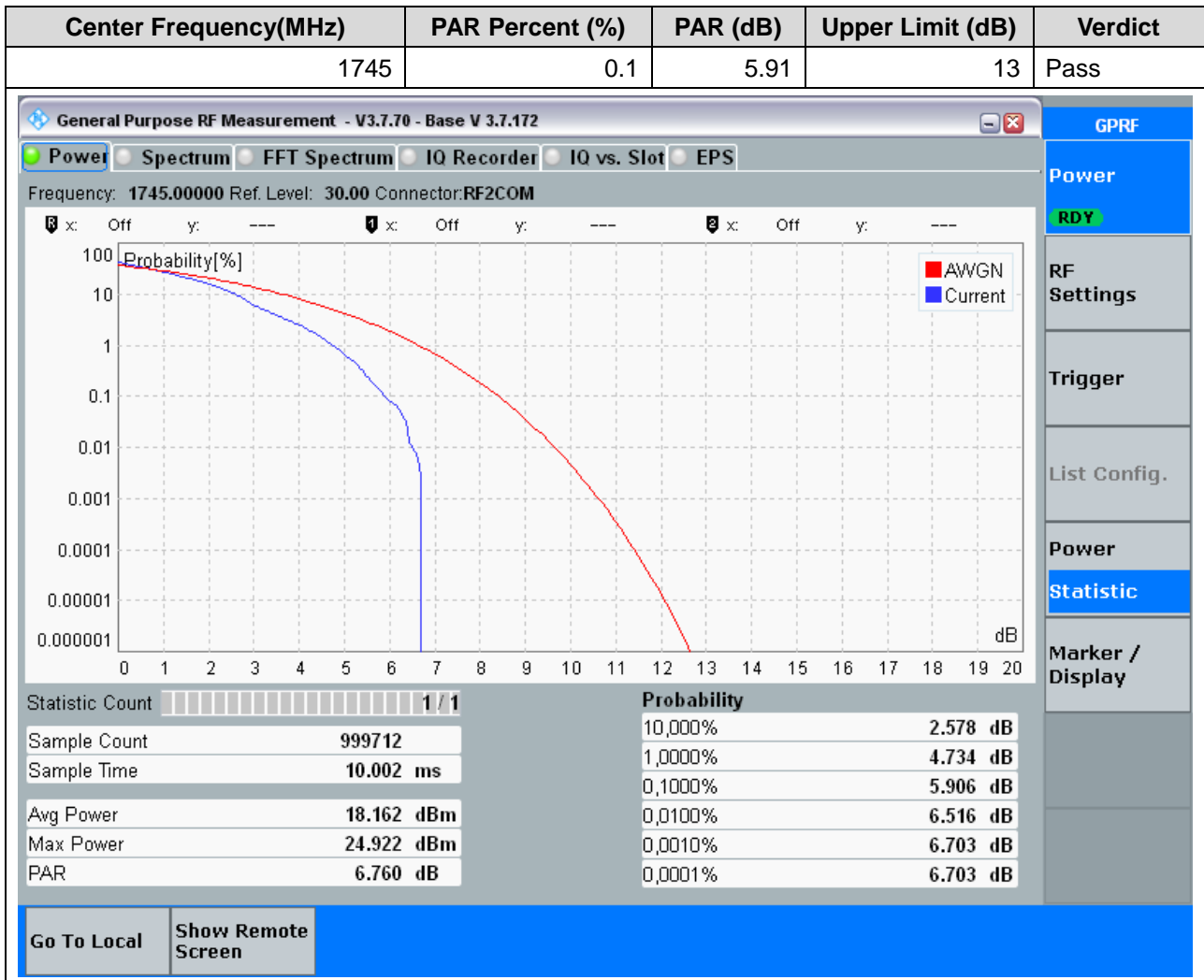
2.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



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)



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)



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	5.91	13	Pass

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

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	998312
Sample Time	9.988 ms
Avg Power	17.663 dBm
Max Power	25.375 dBm
PAR	7.711 dB

Probability	
10,000%	2.391 dB
1,0000%	4.594 dB
0,1000%	5.906 dB
0,0100%	6.703 dB
0,0010%	7.313 dB
0,0001%	7.594 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	6.47	13	Pass

The screenshot shows the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on the y-axis (log scale from 0.000001 to 100) against 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-off around 7.8 dB, while the 'AWGN' curve is smoother and extends to about 12.5 dB. Below the graph is a statistics table.

Statistic Count		Probability	
Sample Count	999912	10,000%	2.813 dB
Sample Time	10.004 ms	1,0000%	5.063 dB
Avg Power	17.253 dBm	0,1000%	6.469 dB
Max Power	25.072 dBm	0,0100%	7.406 dB
PAR	7.819 dB	0,0010%	7.688 dB
		0,0001%	7.734 dB

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)

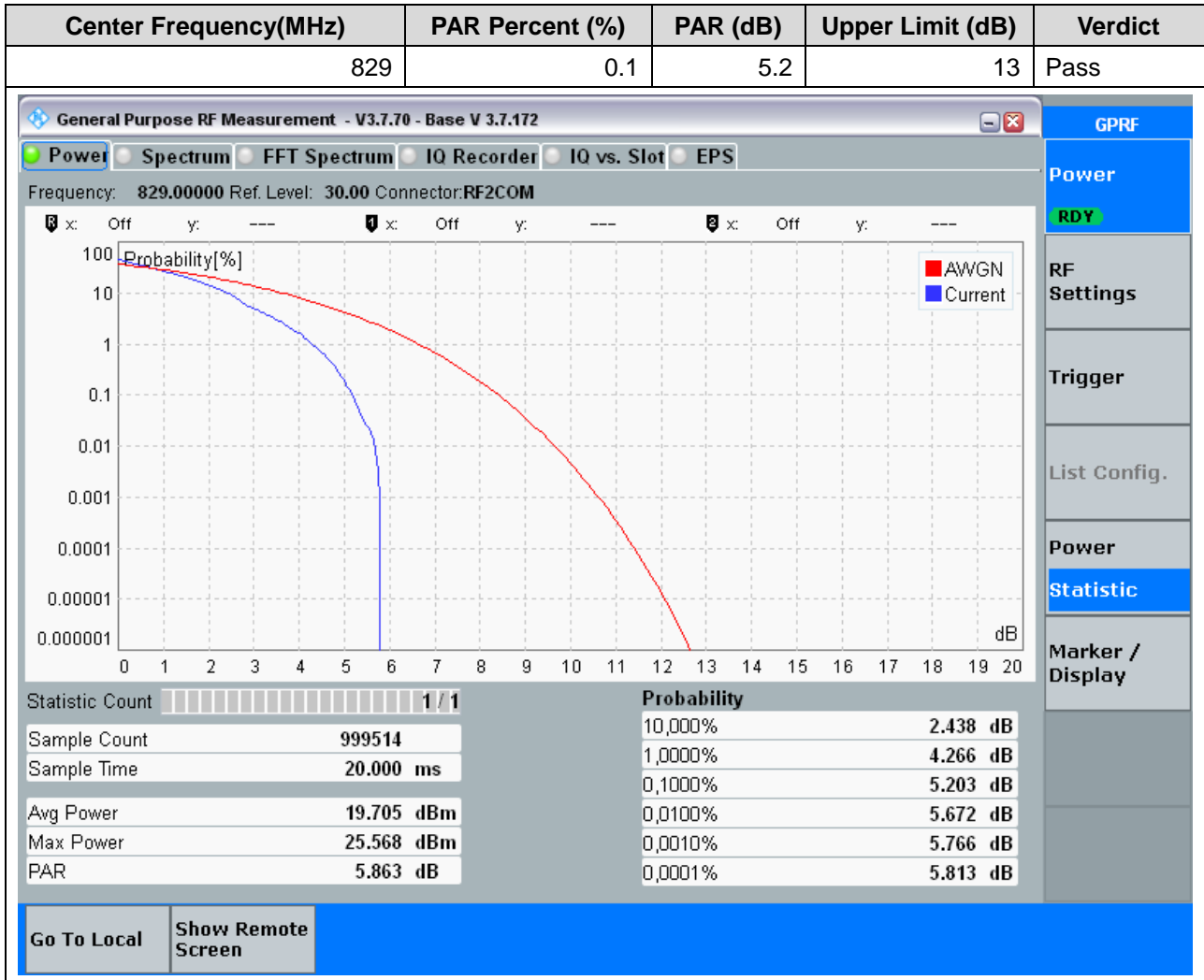
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.52	13	Pass

The screenshot shows the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 9 dB. Below the graph is a statistics table.

Statistic Count	Value	Probability	Value
Sample Count	998114	10,000%	2.906 dB
Sample Time	9.986 ms	1,0000%	5.109 dB
Avg Power	16.582 dBm	0,1000%	6.516 dB
Max Power	25.634 dBm	0,0100%	7.547 dB
PAR	9.051 dB	0,0010%	8.297 dB
		0,0001%	8.859 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	5.86	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against dB on the x-axis (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 7.8 dB. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	1023670	10,000%	2.438 dB
Sample Time	20.483 ms	1,0000%	4.594 dB
Avg Power	18.971 dBm	0,1000%	5.859 dB
Max Power	26.767 dBm	0,0100%	6.703 dB
PAR	7.796 dB	0,0010%	7.359 dB
		0,0001%	7.734 dB

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	5.77	13	Pass

Statistic Count		Probability	
Sample Count	999112	10,000%	2.766 dB
Sample Time	19.992 ms	1,0000%	4.828 dB
Avg Power	18.887 dBm	0,1000%	5.766 dB
Max Power	25.423 dBm	0,0010%	6.469 dB
PAR	6.536 dB	0,0001%	6.516 dB

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	6.52	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS
 Frequency: 829.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Legend: ■ AWGN ■ Current

Statistic Count 1 / 1	
Sample Count 1024090	Probability
Sample Time 20.492 ms	10,000% 2.953 dB
Avg Power 18.025 dBm	1,0000% 5.109 dB
Max Power 26.291 dBm	0,1000% 6.516 dB
PAR 8.265 dB	0,0100% 7.359 dB
	0,0010% 7.875 dB
	0,0001% 8.203 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

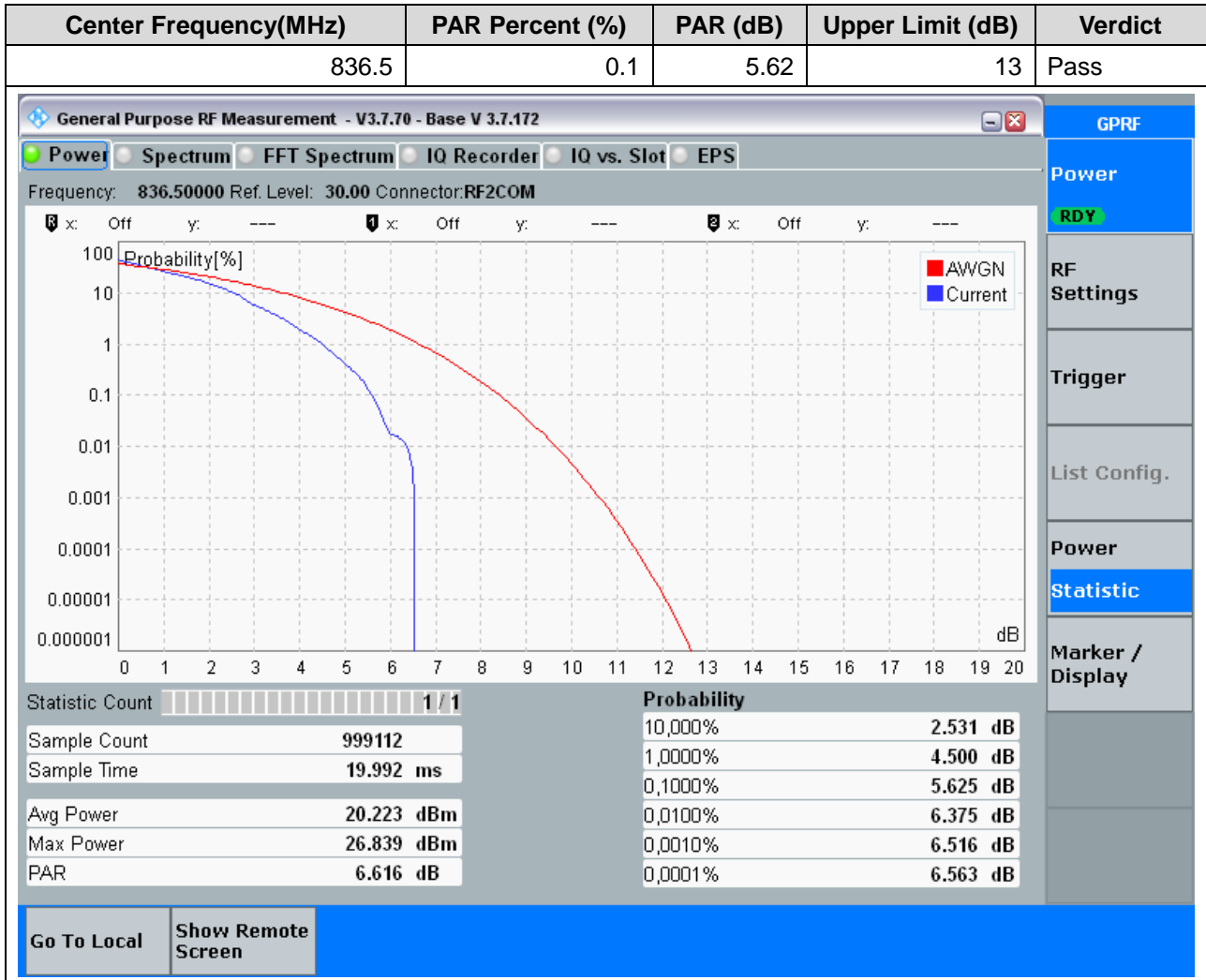
List Config.

Power

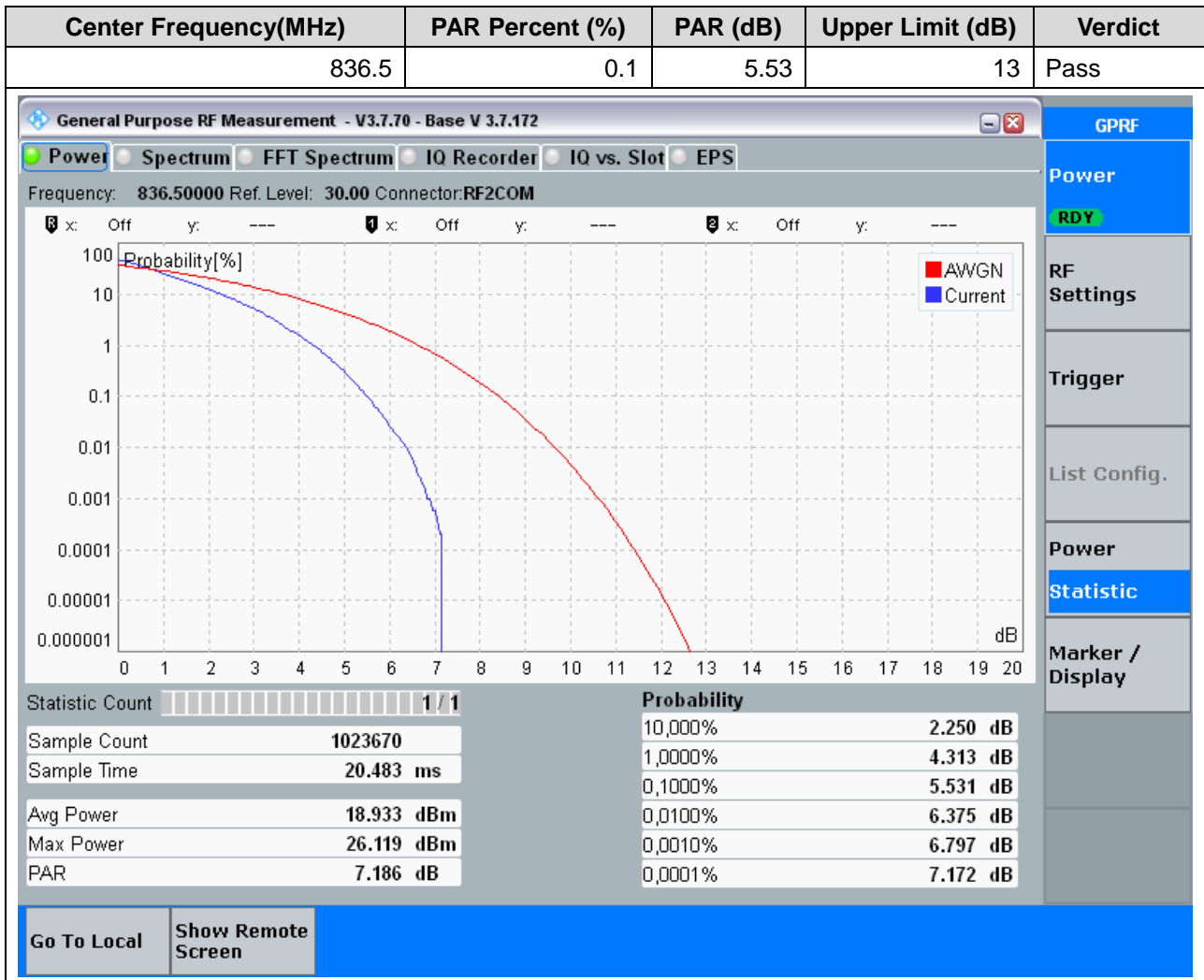
Statistic

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)



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)



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	6.47	13	Pass

Statistic Count		Probability	
Sample Count	999512	10,000%	2.719 dB
Sample Time	20.000 ms	1,0000%	5.156 dB
Avg Power	19.456 dBm	0,1000%	6.469 dB
Max Power	26.596 dBm	0,0100%	6.938 dB
PAR	7.140 dB	0,0010%	7.031 dB
		0,0001%	7.078 dB

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	6.23	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
 Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS
 Frequency: 836.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Legend: ■ AWGN ■ Current

Statistic Count 1 / 1	
Sample Count 1023670	Probability
Sample Time 20.483 ms	10,000% 2.813 dB
Avg Power 17.831 dBm	1,0000% 4.922 dB
Max Power 25.906 dBm	0,1000% 6.234 dB
PAR 8.075 dB	0,0100% 7.125 dB
	0,0010% 7.922 dB
	0,0001% 8.016 dB

Go To Local
Show Remote Screen

GPRF

Power

RDY

RF Settings

Trigger

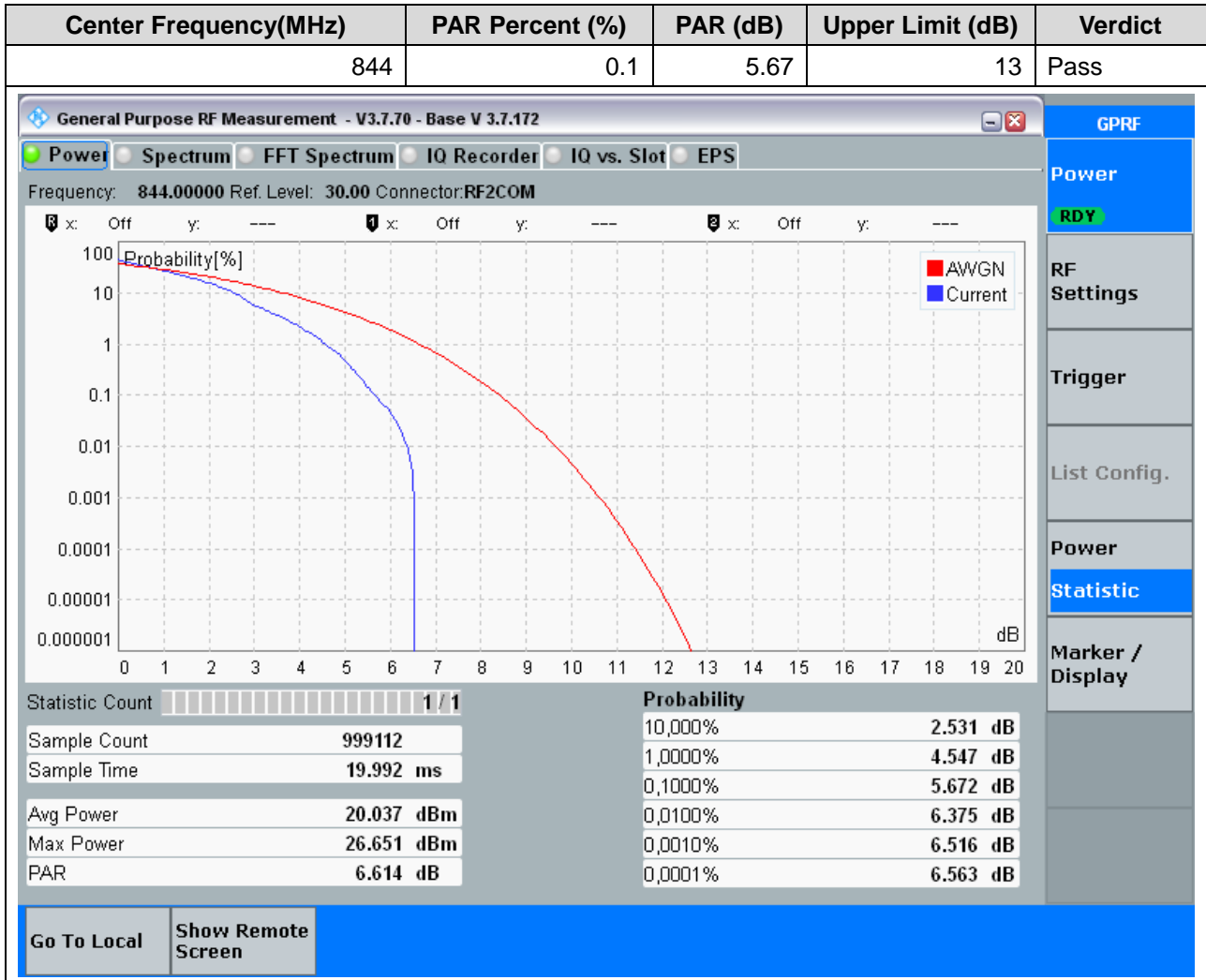
List Config.

Power

Statistic

Marker / Display

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)



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	5.72	13	Pass

Statistic Count		Probability	
Sample Count	1024090	10,000%	2.391 dB
Sample Time	20.492 ms	1,0000%	4.500 dB
Avg Power	18.972 dBm	0,1000%	5.719 dB
Max Power	26.113 dBm	0,0100%	6.422 dB
PAR	7.141 dB	0,0010%	6.844 dB
		0,0001%	7.078 dB

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	6.42	13	Pass

Statistic Count		Probability	
Sample Count	999112	10,000%	2.766 dB
Sample Time	19.992 ms	1,0000%	4.922 dB
Avg Power	18.919 dBm	0,1000%	6.422 dB
Max Power	26.064 dBm	0,0100%	6.891 dB
PAR	7.145 dB	0,0010%	7.031 dB
		0,0001%	7.125 dB

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)

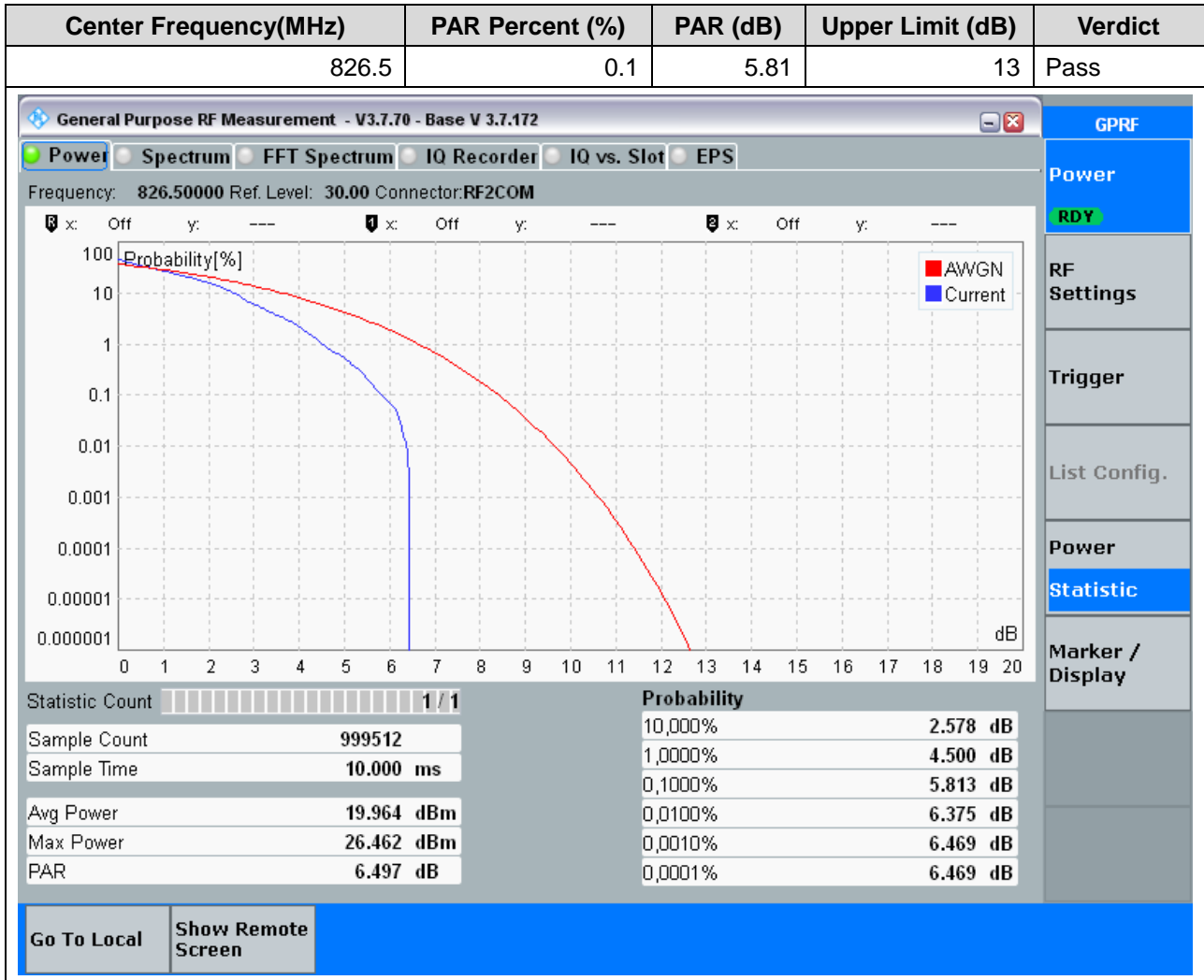
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	6.47	13	Pass

The screenshot shows the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against dB on the x-axis (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 8 dB. Below the graph is a statistics table.

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.906 dB
Sample Time	20.483 ms	1,0000%	5.063 dB
Avg Power	17.889 dBm	0,1000%	6.469 dB
Max Power	25.985 dBm	0,0100%	7.266 dB
PAR	8.096 dB	0,0010%	7.734 dB
		0,0001%	8.063 dB

4. LTE_Band18(part22)

4.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23965, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

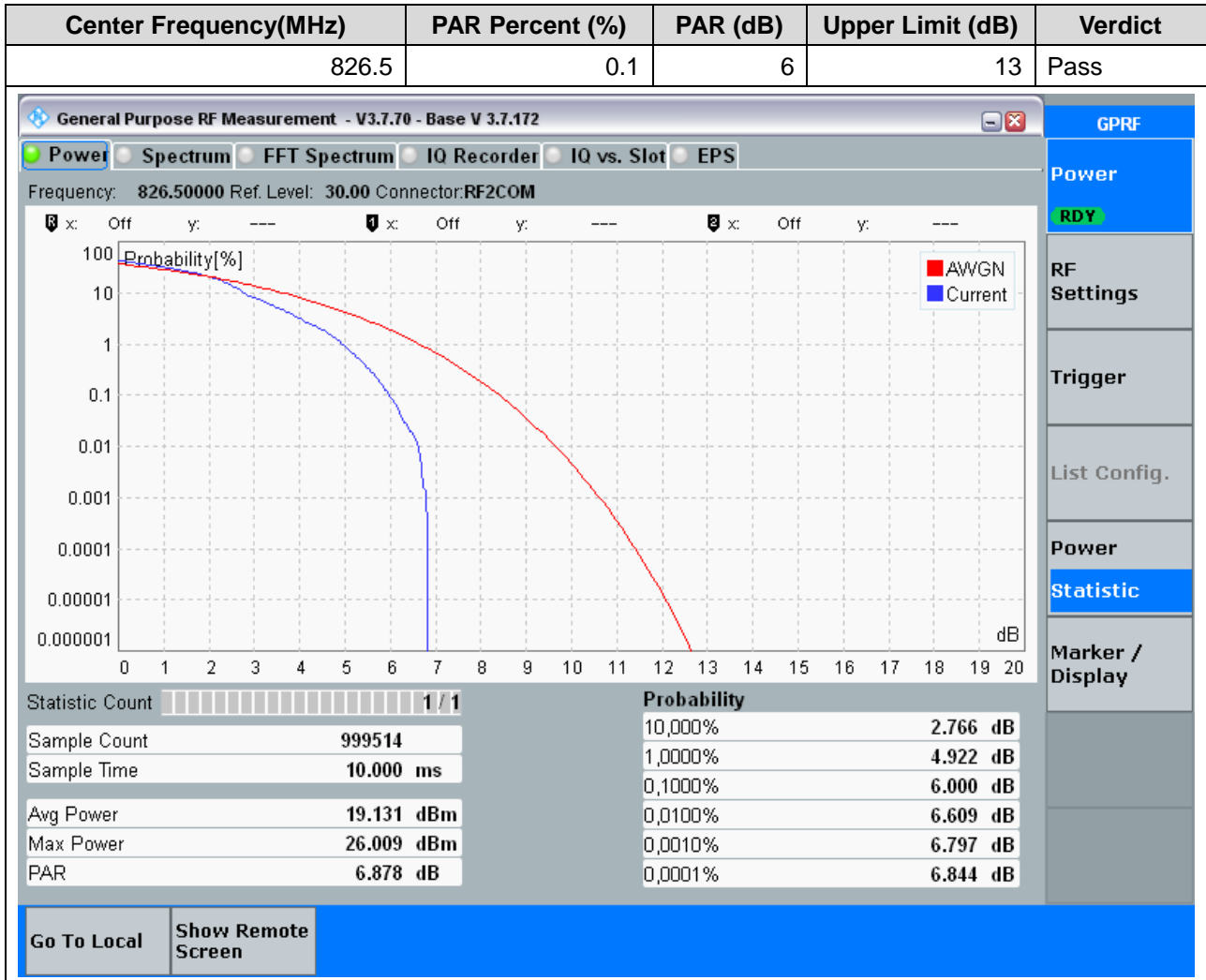


4.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:23965, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

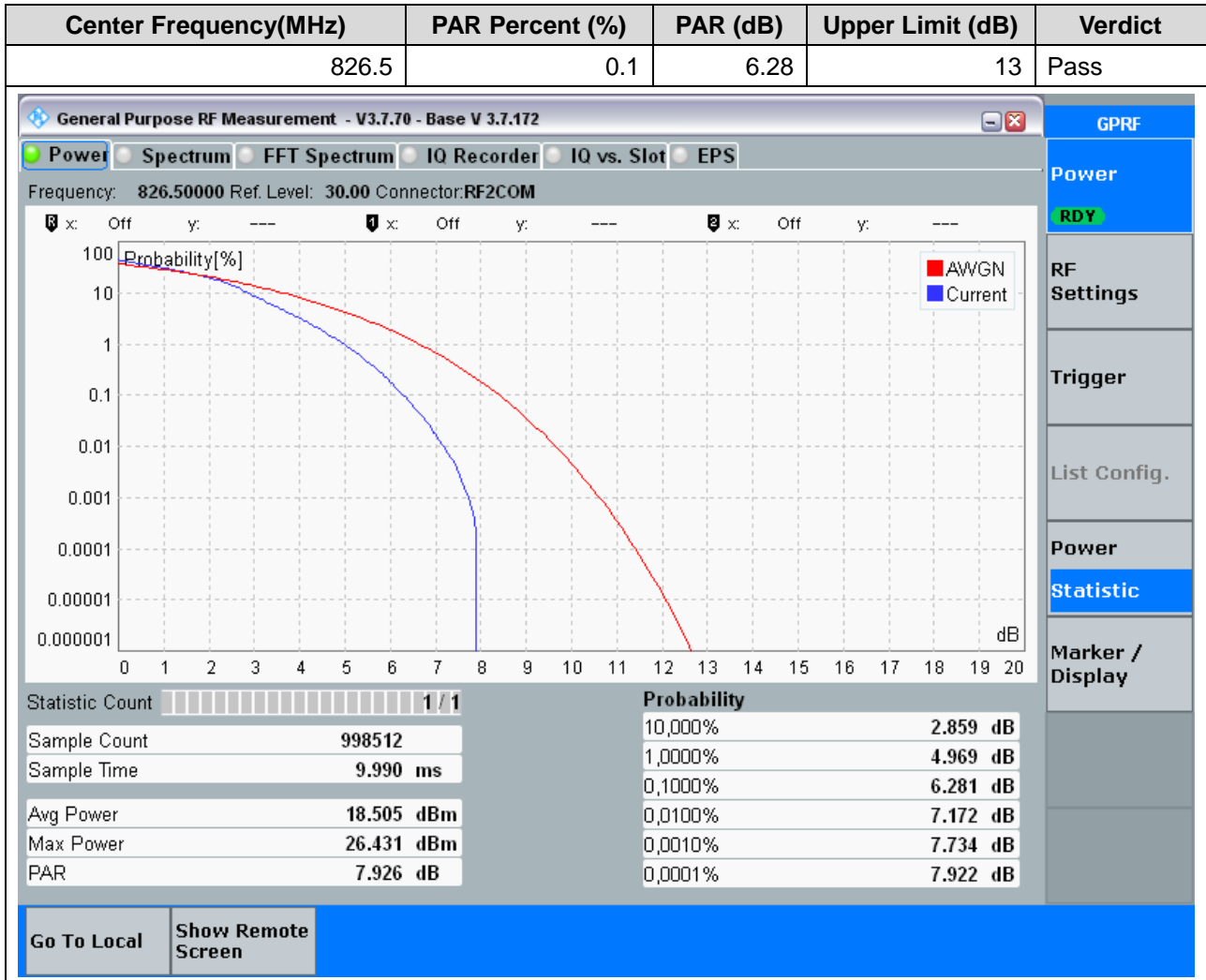
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
826.5	0.1	5.67	13	Pass

Statistic Count		Probability	
Sample Count	998512	10,000%	2.344 dB
Sample Time	9.990 ms	1,0000%	4.406 dB
Avg Power	19.238 dBm	0,1000%	5.672 dB
Max Power	26.502 dBm	0,0100%	6.422 dB
PAR	7.264 dB	0,0010%	6.938 dB
		0,0001%	7.219 dB

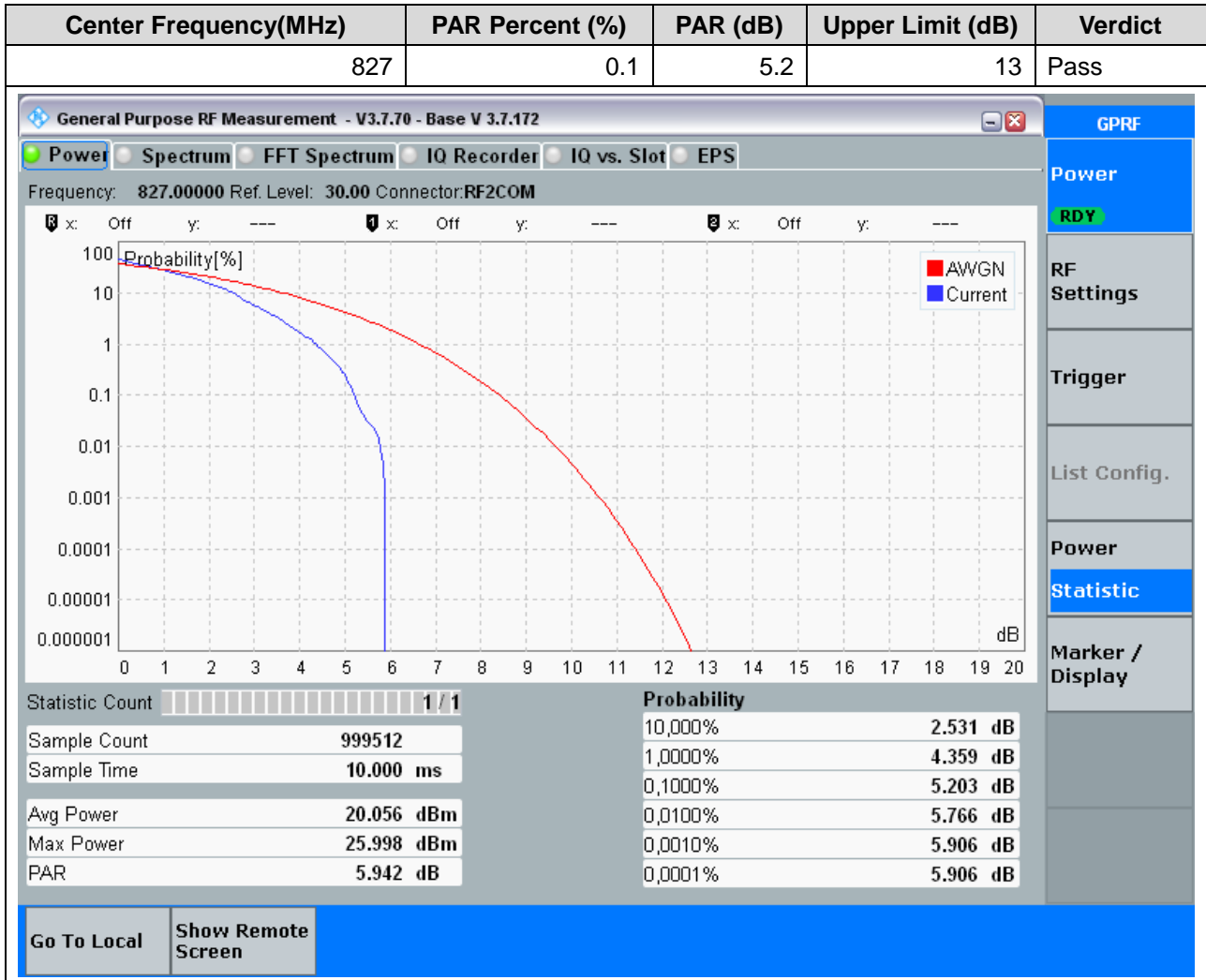
4.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:23965, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



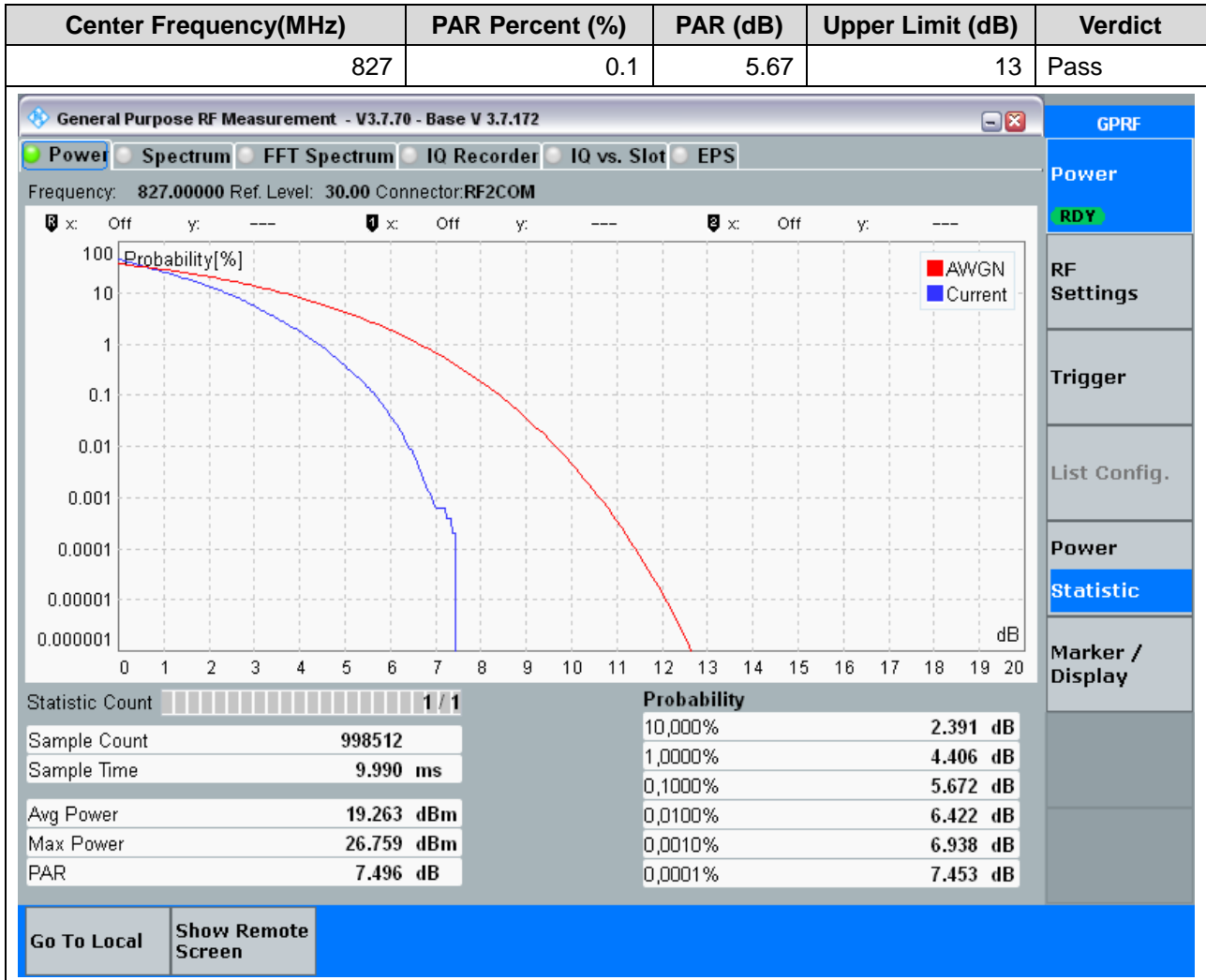
4.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:23965, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



4.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:23970, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



4.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:23970, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



4.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:23970, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
827	0.1	5.72	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 827.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999514
Sample Time	10.000 ms
Avg Power	19.250 dBm
Max Power	25.444 dBm
PAR	6.194 dB

Probability	
10,000%	2.719 dB
1,0000%	4.781 dB
0,1000%	5.719 dB
0,0100%	6.000 dB
0,0010%	6.141 dB
0,0001%	6.188 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

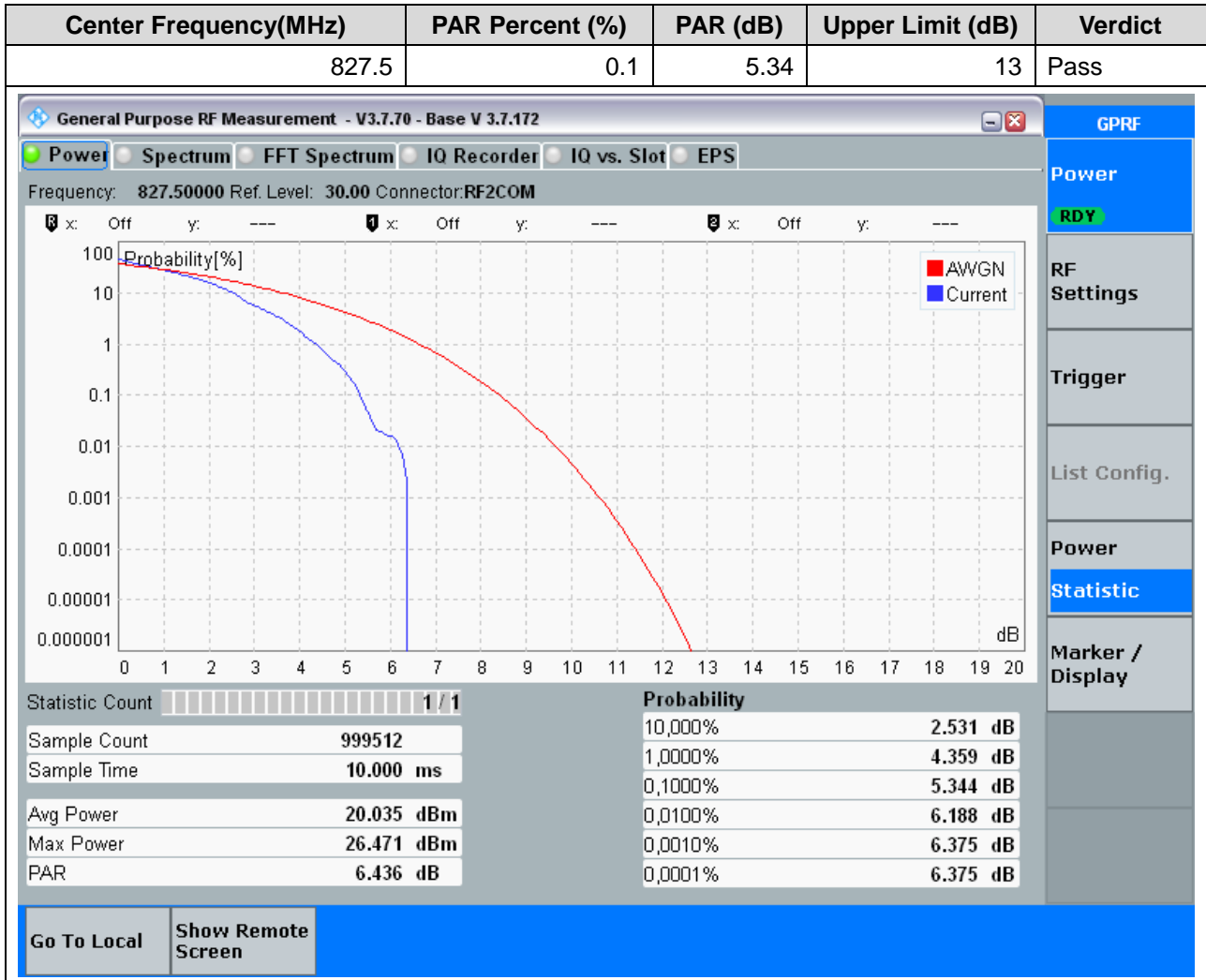
4.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:23970, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
827	0.1	6.28	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against Power in dB on a linear x-axis (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 8.2 dB, indicating the PAR point. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	998512	10,000%	2.859 dB
Sample Time	9.990 ms	1,0000%	4.969 dB
Avg Power	18.345 dBm	0,1000%	6.281 dB
Max Power	26.585 dBm	0,0010%	7.969 dB
PAR	8.240 dB	0,0001%	8.203 dB

4.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:23975, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



4.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:23975, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
827.5	0.1	5.53	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 7 dB, while the 'AWGN' curve is much flatter. Below the graph is a statistics table:

Statistic Count		Probability	
Sample Count	998512	10,000%	2.344 dB
Sample Time	9.990 ms	1,0000%	4.359 dB
Avg Power	19.324 dBm	0,1000%	5.531 dB
Max Power	26.272 dBm	0,0100%	6.234 dB
PAR	6.948 dB	0,0010%	6.703 dB
		0,0001%	6.891 dB

4.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:23975, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
827.5	0.1	5.95	13	Pass

Statistic Count		Probability	
Sample Count	999512	10,000%	2.672 dB
Sample Time	10.000 ms	1,0000%	4.734 dB
Avg Power	19.359 dBm	0,1000%	5.953 dB
Max Power	25.716 dBm	0,0100%	6.281 dB
PAR	6.357 dB	0,0010%	6.328 dB
		0,0001%	6.328 dB

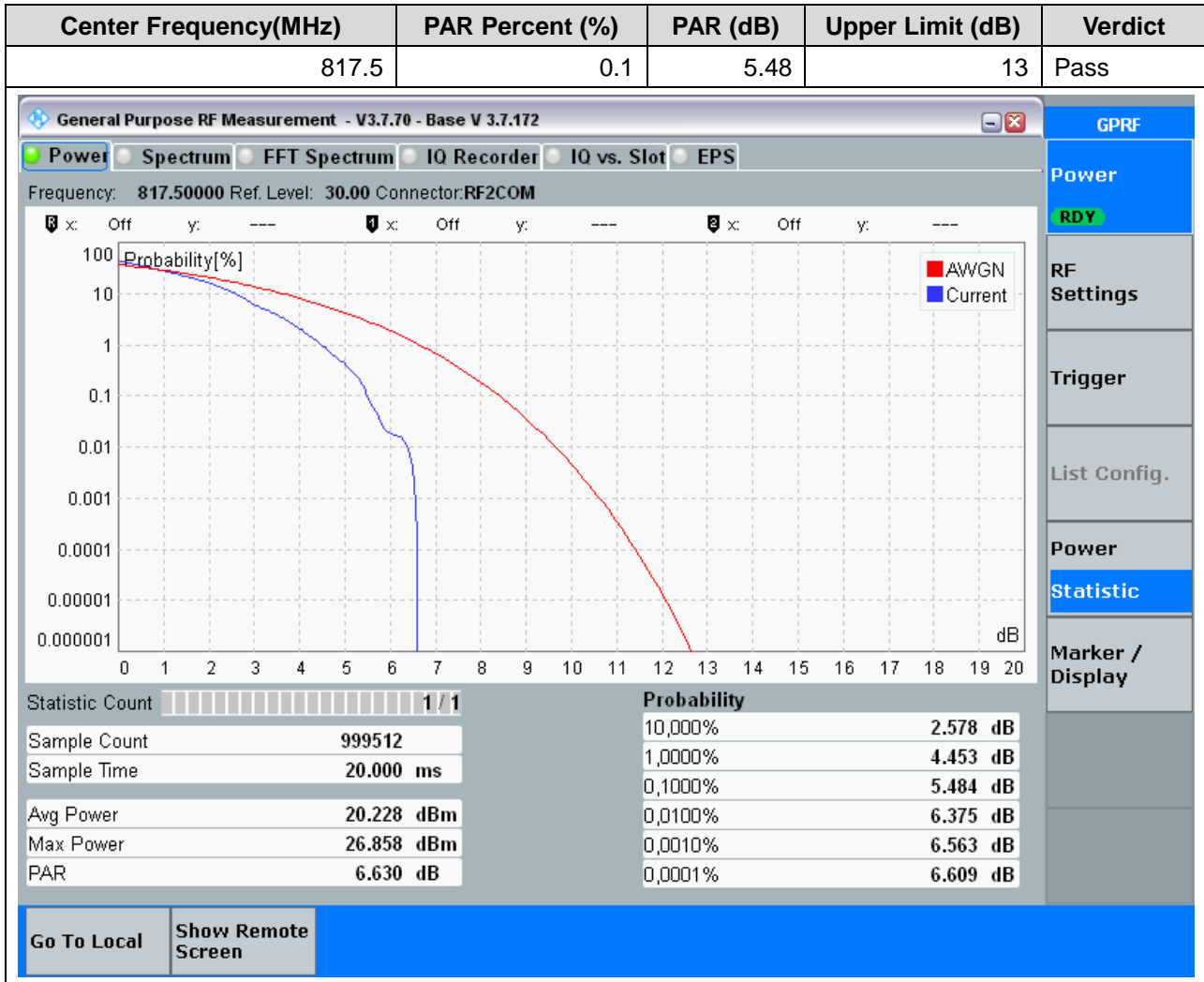
4.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:23975, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
827.5	0.1	6.33	13	Pass

Statistic Count		Probability	
Sample Count	998512	10,000%	2.859 dB
Sample Time	9.990 ms	1,0000%	4.922 dB
Avg Power	18.347 dBm	0,1000%	6.328 dB
Max Power	26.296 dBm	0,0100%	7.172 dB
PAR	7.950 dB	0,0010%	7.641 dB
		0,0001%	7.922 dB

5. LTE_Band18(part90)

5.1. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:1, Channel:23875, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



5.2. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:2, Channel:23875, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
817.5	0.1	5.62	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 817.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	1023252
Sample Time	20.475 ms
Avg Power	19.377 dBm
Max Power	26.428 dBm
PAR	7.050 dB

Probability	
10,000%	2.344 dB
1,0000%	4.359 dB
0,1000%	5.625 dB
0,0100%	6.281 dB
0,0010%	6.750 dB
0,0001%	6.984 dB

Go To Local
Show Remote Screen

5.3. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:3, Channel:23875, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
817.5	0.1	6.14	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 817.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999510
Sample Time	20.000 ms
Avg Power	19.420 dBm
Max Power	25.982 dBm
PAR	6.562 dB

Probability	
10,000%	2.672 dB
1,0000%	4.828 dB
0,1000%	6.141 dB
0,0100%	6.469 dB
0,0010%	6.516 dB
0,0001%	6.516 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_Part90(NTNV)(Subtest:4, Channel:23875, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
817.5	0.1	6.37	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against dB on the x-axis (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 8 dB. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value
Sample Count	1023252	10,000%	2.766 dB
Sample Time	20.475 ms	1,0000%	4.969 dB
Avg Power	18.470 dBm	0,1000%	6.375 dB
Max Power	26.574 dBm	0,0100%	7.266 dB
PAR	8.105 dB	0,0010%	7.781 dB
		0,0001%	8.016 dB

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

5.5. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:5, Channel:23895, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819.5	0.1	5.86	13	Pass

The screenshot shows the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on the y-axis (log scale from 0.000001 to 100) against 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 6.5 dB, while the 'AWGN' curve is much flatter. Below the graph is a statistics table.

Statistic Count		Probability	
Sample Count	999510	10,000%	2.578 dB
Sample Time	20.000 ms	1,0000%	4.547 dB
Avg Power	20.642 dBm	0,1000%	5.859 dB
Max Power	27.205 dBm	0,0100%	6.422 dB
PAR	6.563 dB	0,0010%	6.516 dB
		0,0001%	6.516 dB

5.6. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:6, Channel:23895, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819.5	0.1	5.72	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on a logarithmic y-axis (from 0.000001 to 100) against 'dB' on the x-axis (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 7.36 dB. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	1023670	10,000%	2.344
Sample Time	20.483 ms	1,0000%	4.406
Avg Power	19.157 dBm	0,1000%	5.719
Max Power	26.518 dBm	0,0100%	6.469
PAR	7.361 dB	0,0010%	6.938
		0,0001%	7.313

5.7. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:7, Channel:23895, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819.5	0.1	6.14	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 is much flatter. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	999512	10,000%	2.813 dB
Sample Time	20.000 ms	1,0000%	5.063 dB
Avg Power	19.675 dBm	0,1000%	6.141 dB
Max Power	26.710 dBm	0,0100%	6.750 dB
PAR	7.035 dB	0,0010%	6.938 dB
		0,0001%	6.984 dB

Additional interface elements include a 'Statistic Count' of 1/1, a 'Go To Local' button, and a 'Show Remote Screen' button. The right sidebar contains navigation options like 'GPRF', 'Power', 'RF Settings', 'Trigger', 'List Config.', 'Power', 'Statistic', and 'Marker / Display'.

5.8. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:8, Channel:23895, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819.5	0.1	6.33	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS
 Frequency: 819.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Legend: ■ AWGN ■ Current

Statistic Count	
Sample Count	1023250
Sample Time	20.475 ms
Avg Power	18.250 dBm
Max Power	26.427 dBm
PAR	8.178 dB

Probability	
10,000%	2.859 dB
1,0000%	4.969 dB
0,1000%	6.328 dB
0,0100%	7.266 dB
0,0010%	7.922 dB
0,0001%	8.109 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

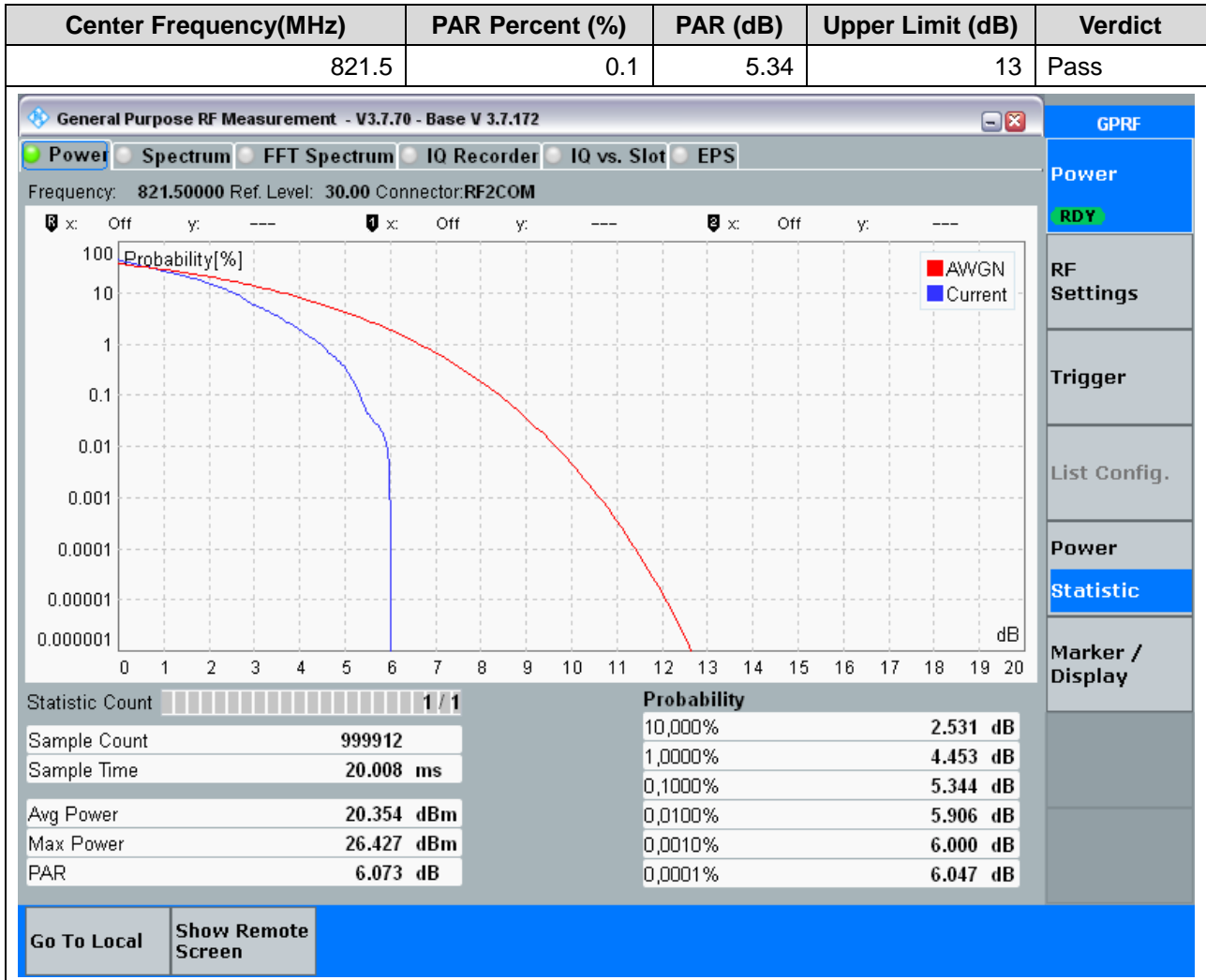
List Config.

Power

Statistic

Marker / Display

5.9. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:9, Channel:23915, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



5.10. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:10, Channel:23915, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
821.5	0.1	5.72	13	Pass

Statistic Count		Probability	
Sample Count	1023252	10,000%	2.391 dB
Sample Time	20.475 ms	1,0000%	4.453 dB
Avg Power	18.896 dBm	0,1000%	5.719 dB
Max Power	26.522 dBm	0,0100%	6.469 dB
PAR	7.626 dB	0,0010%	6.984 dB
		0,0001%	7.594 dB

5.11. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:11, Channel:23915, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
821.5	0.1	5.81	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 '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-off around 6.3 dB, while the 'AWGN' curve is much flatter. Below the plot, a 'Statistic Count' bar shows 1/1. A table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	999912	10,000%	2.719 dB
Sample Time	20.008 ms	1,0000%	4.875 dB
Avg Power	19.464 dBm	0,1000%	5.813 dB
Max Power	25.789 dBm	0,0100%	6.141 dB
PAR	6.326 dB	0,0010%	6.281 dB
		0,0001%	6.281 dB

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

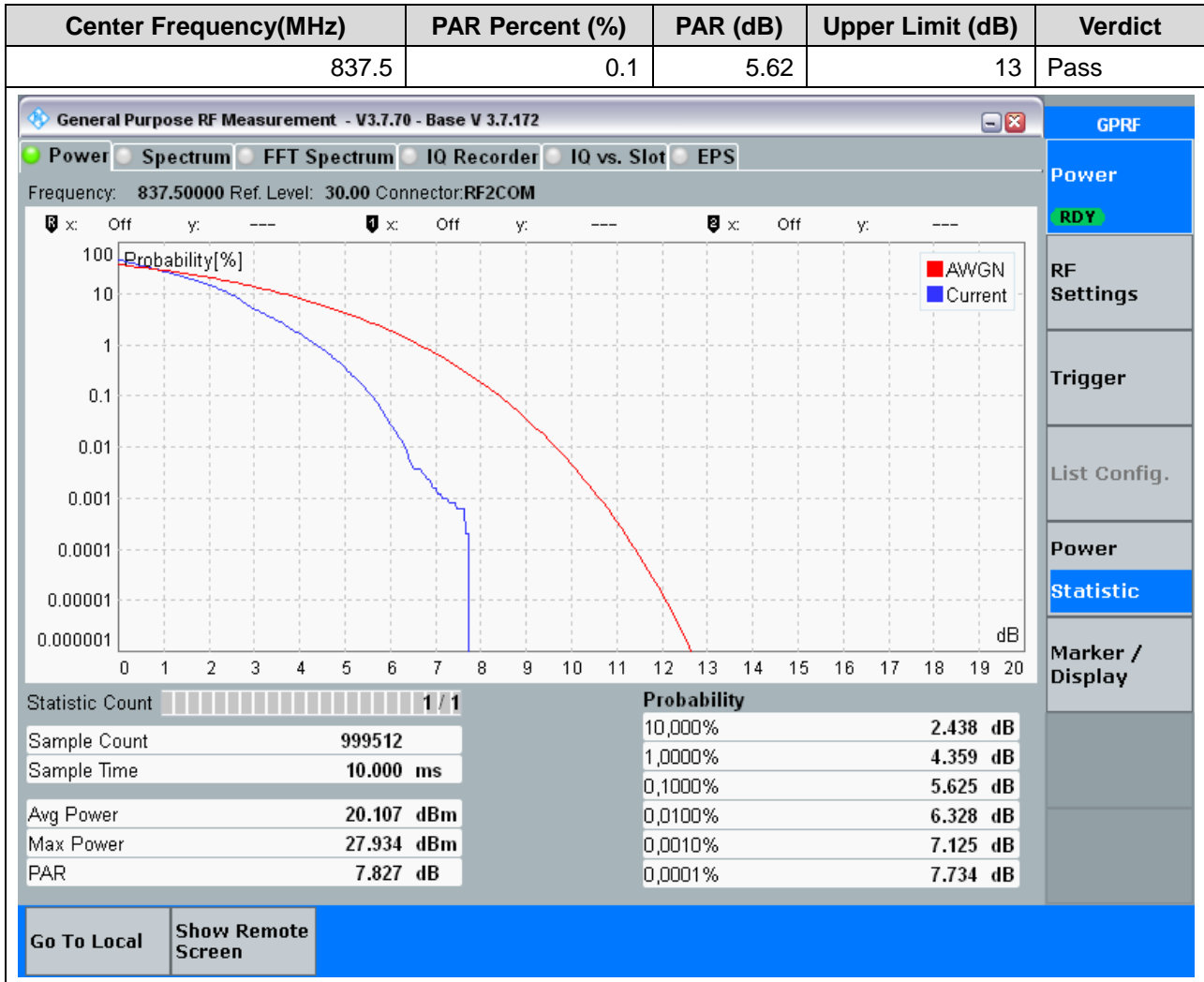
5.12. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:12, Channel:23915, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
821.5	0.1	6.37	13	Pass

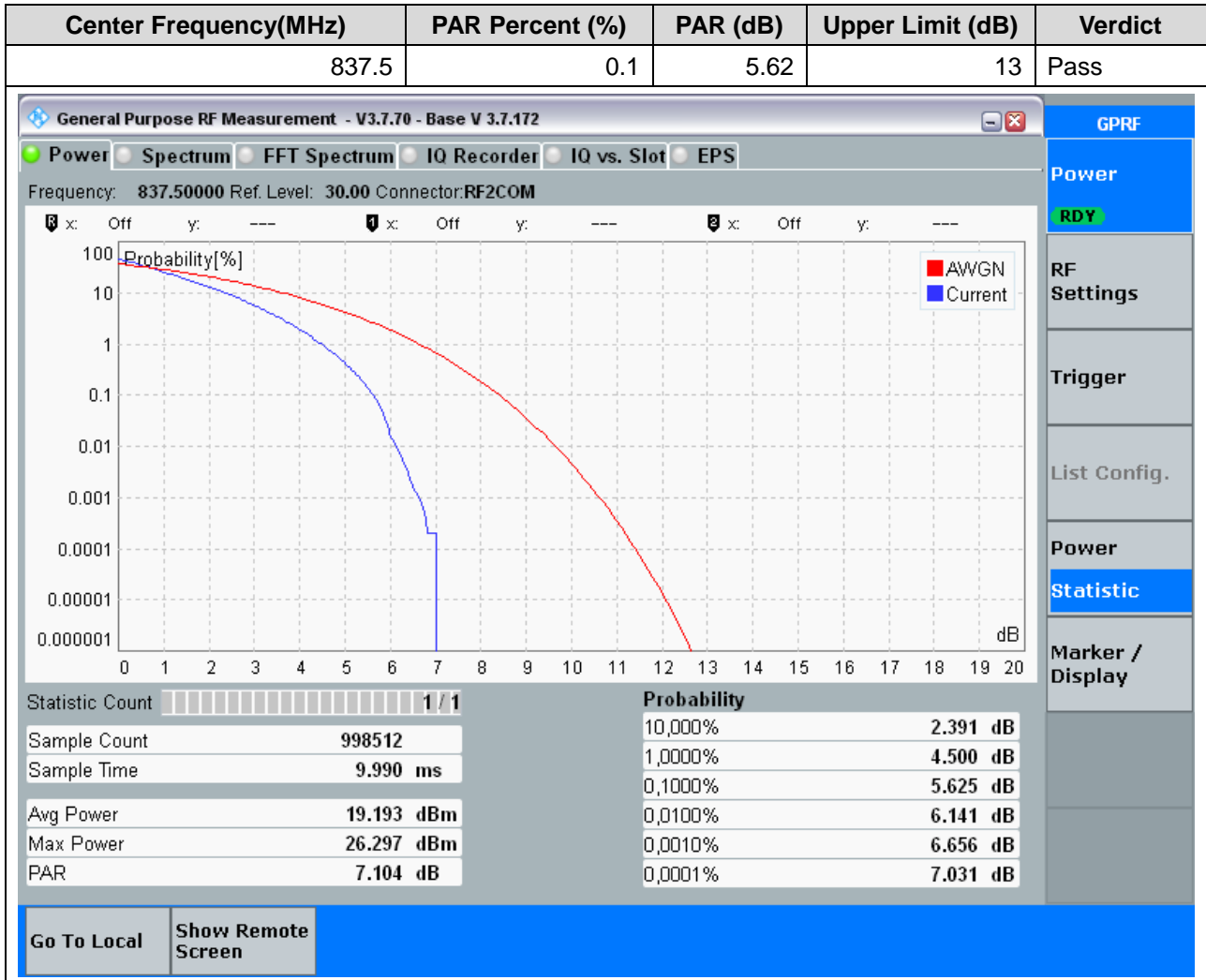
Statistic Count		Probability	
Sample Count	1022832	10,000%	2.859 dB
Sample Time	20.467 ms	1,0000%	5.016 dB
Avg Power	17.861 dBm	0,1000%	6.375 dB
Max Power	26.253 dBm	0,0100%	7.125 dB
PAR	8.393 dB	0,0010%	8.063 dB
		0,0001%	8.344 dB

6. LTE_Band19

6.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:24075, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



6.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:24075, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



6.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:24075, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
837.5	0.1	6.19	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
 Frequency: **837.50000** Ref. Level: **30.00** Connector: **RF2COM**

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

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

Statistic Count 1 / 1	
Sample Count 999514	Probability
Sample Time 10.000 ms	10,000% 2.813 dB
Avg Power 19.354 dBm	1,0000% 5.109 dB
Max Power 28.206 dBm	0,1000% 6.188 dB
PAR 8.852 dB	0,0100% 6.750 dB
	0,0010% 8.250 dB
	0,0001% 8.719 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:24075, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

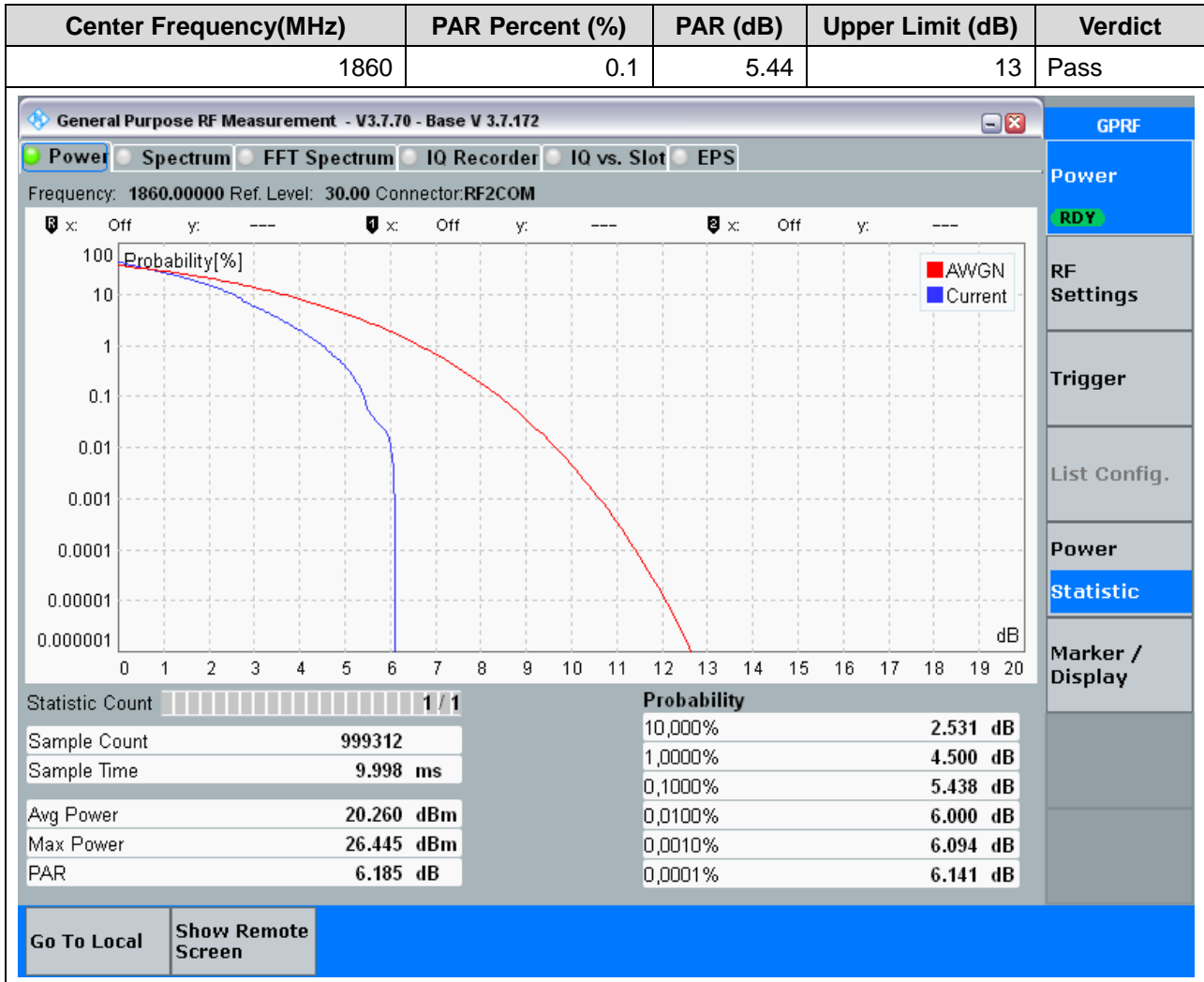
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
837.5	0.1	6.23	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against dB on the x-axis (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 higher PAR. Below the graph, a statistics table provides detailed data.

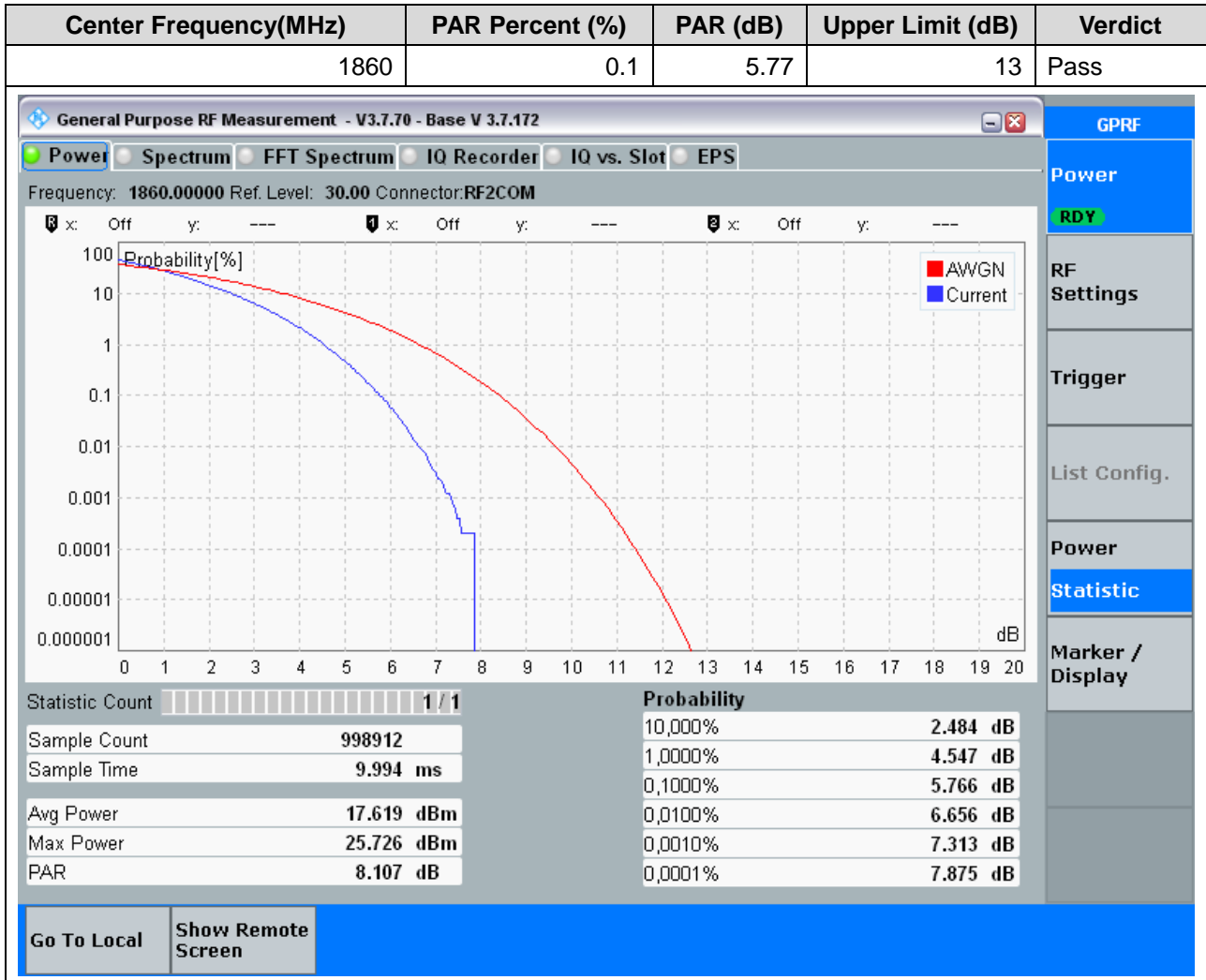
Statistic Count		Probability	
Sample Count	998512	10,000%	2.906 dB
Sample Time	9.990 ms	1,0000%	5.016 dB
Avg Power	18.158 dBm	0,1000%	6.234 dB
Max Power	26.090 dBm	0,0100%	7.031 dB
PAR	7.932 dB	0,0010%	7.500 dB
		0,0001%	7.781 dB

7. LTE_Band25

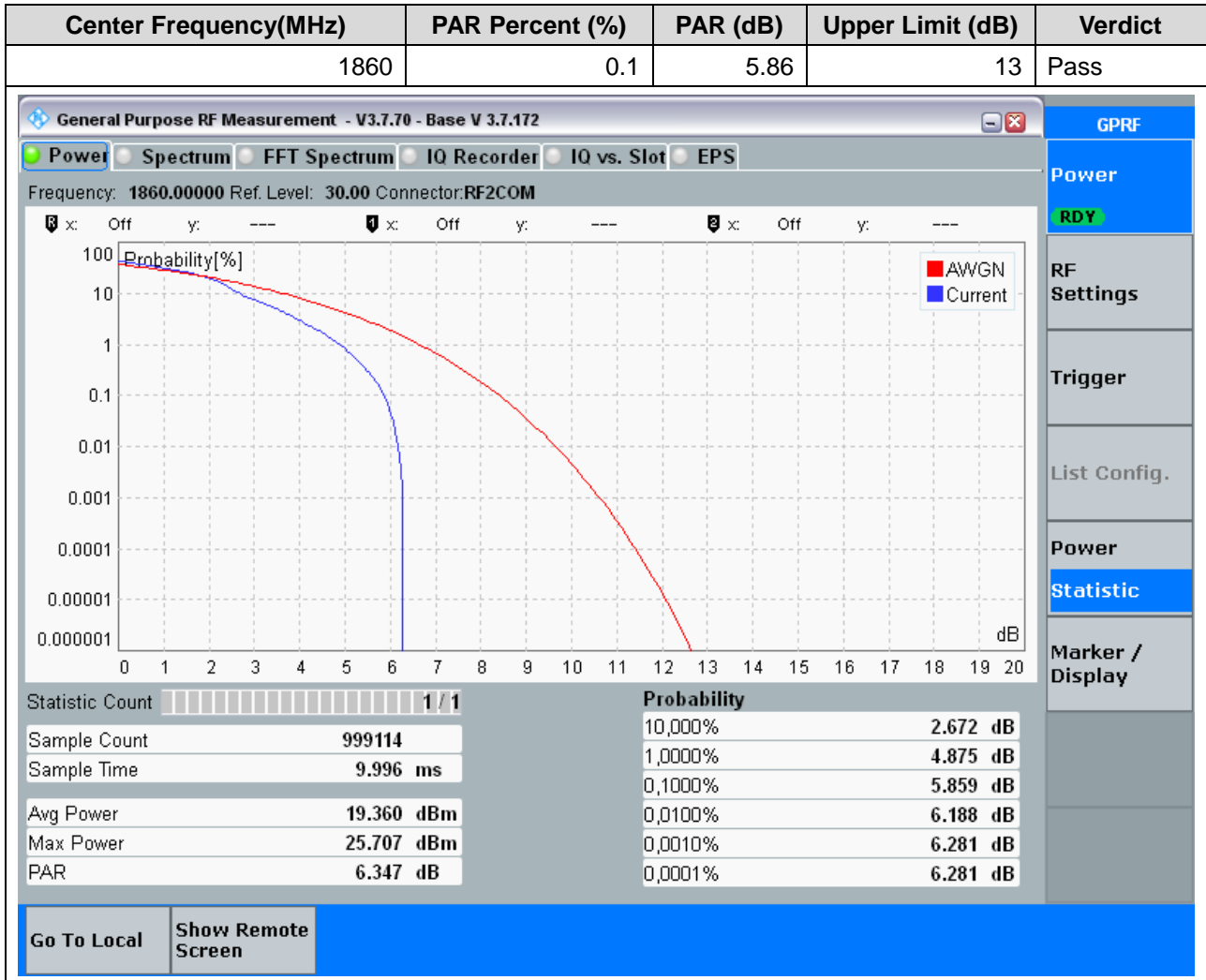
7.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:26140, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



7.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:26140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



7.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:26140, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



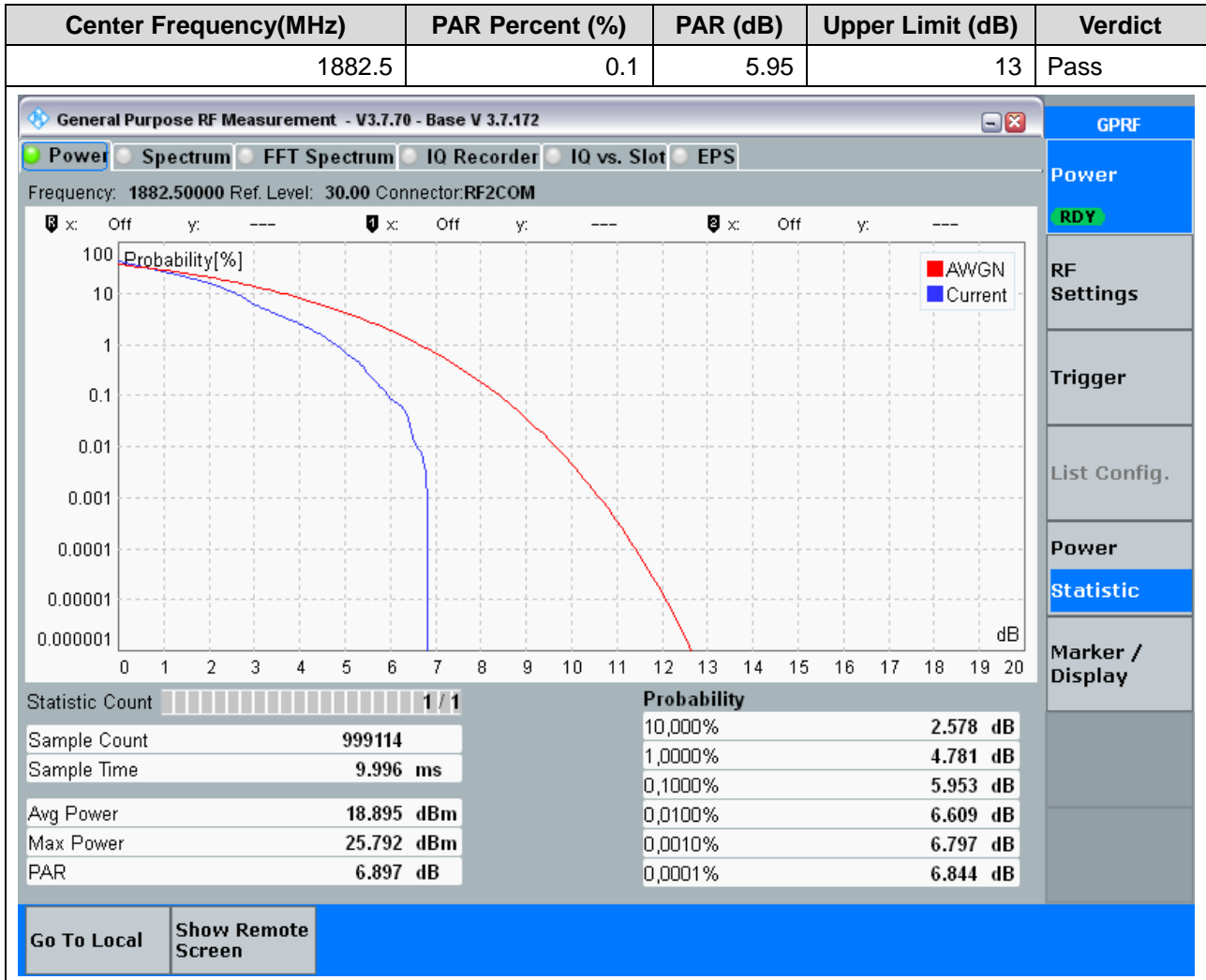
7.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:26140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	6.47	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on a logarithmic y-axis (from 0.000001 to 100) against 'dB' on a linear x-axis (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 at approximately 9 dB. Below the graph, a statistics table provides detailed measurements.

Statistic Count		Probability	
Sample Count	998912	10,000%	2.953 dB
Sample Time	9.994 ms	1,0000%	5.063 dB
Avg Power	16.717 dBm	0,1000%	6.469 dB
Max Power	25.699 dBm	0,0100%	7.359 dB
PAR	8.981 dB	0,0010%	8.297 dB
		0,0001%	8.859 dB

7.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:26365, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



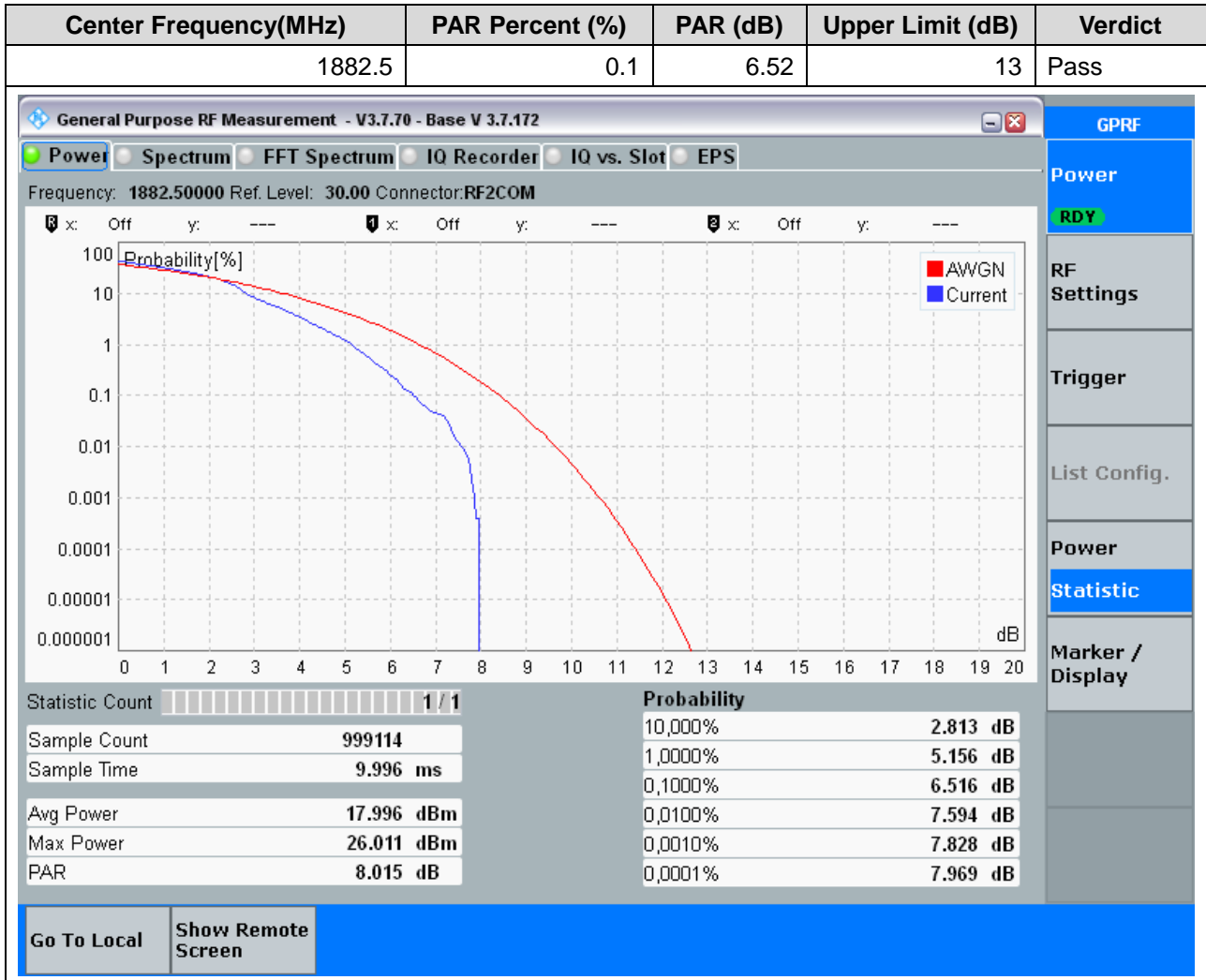
7.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:26365, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1882.5	0.1	5.81	13	Pass

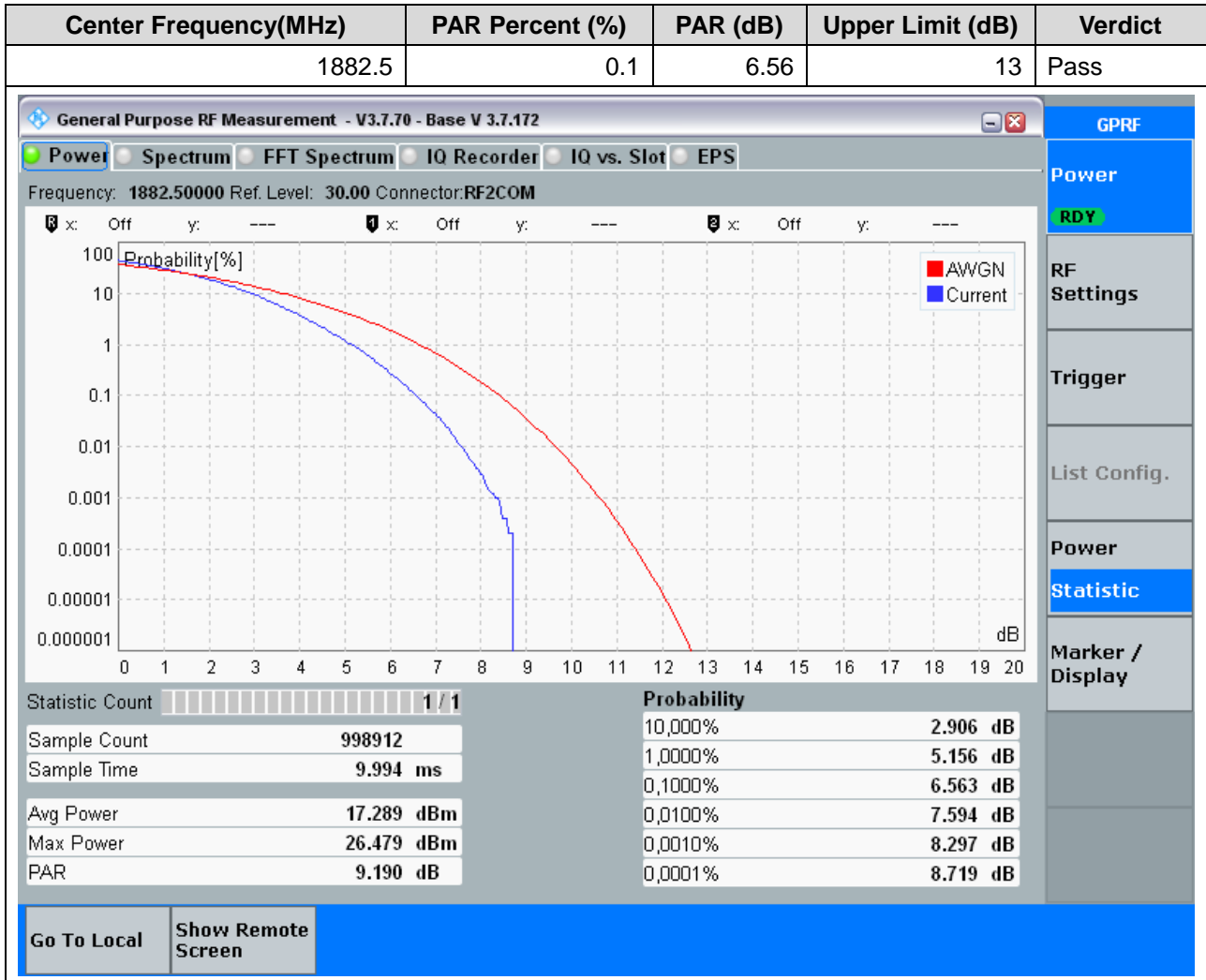
The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a sharp drop-off around 7.5 dB, while the 'AWGN' curve extends to approximately 12.5 dB.

Statistic Count		Probability	
Sample Count	998912	10,000%	2.438 dB
Sample Time	9.994 ms	1,0000%	4.547 dB
Avg Power	18.248 dBm	0,1000%	5.813 dB
Max Power	25.843 dBm	0,0100%	6.609 dB
PAR	7.595 dB	0,0010%	7.125 dB
		0,0001%	7.453 dB

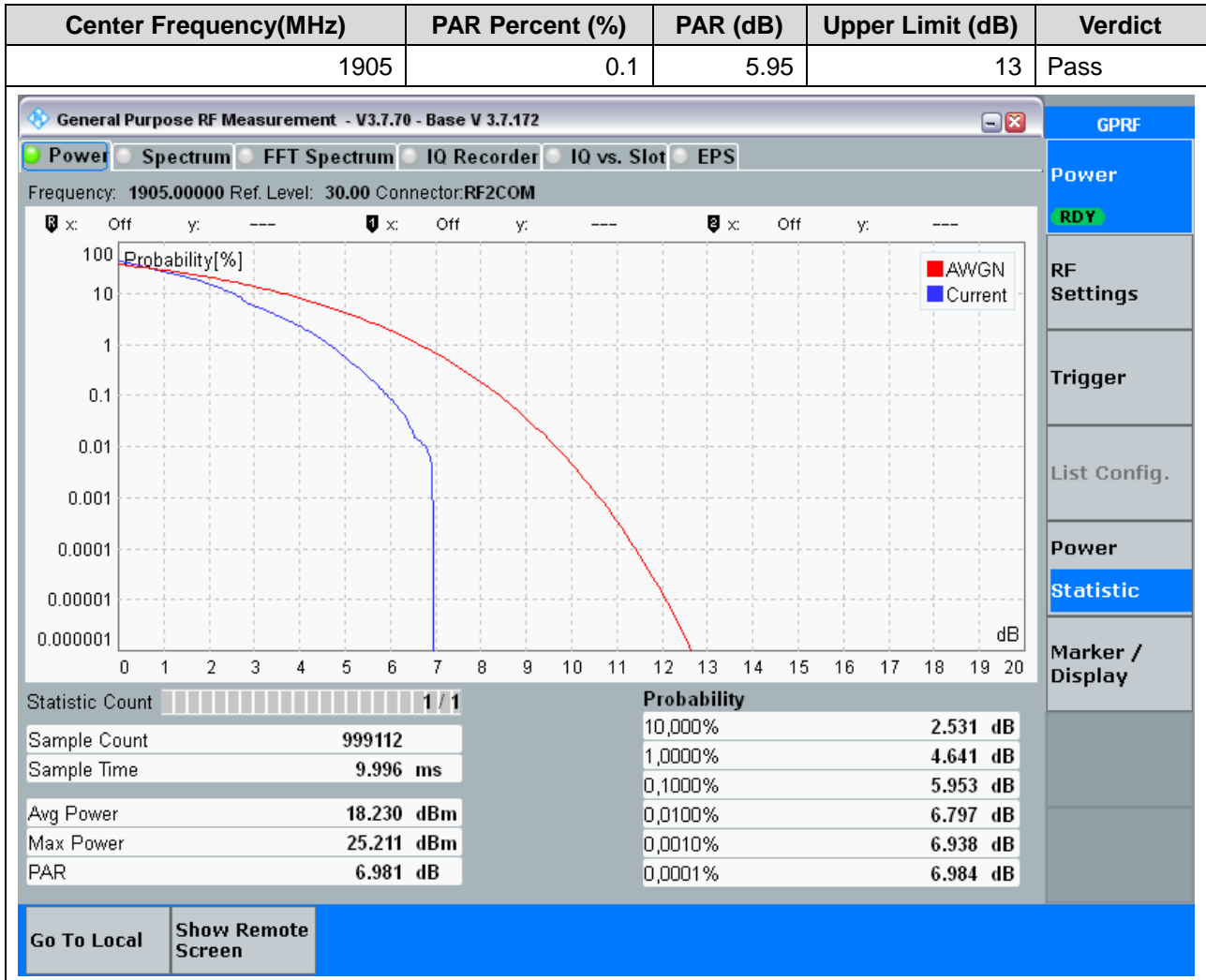
7.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:26365, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



7.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:26365, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



7.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:26590, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

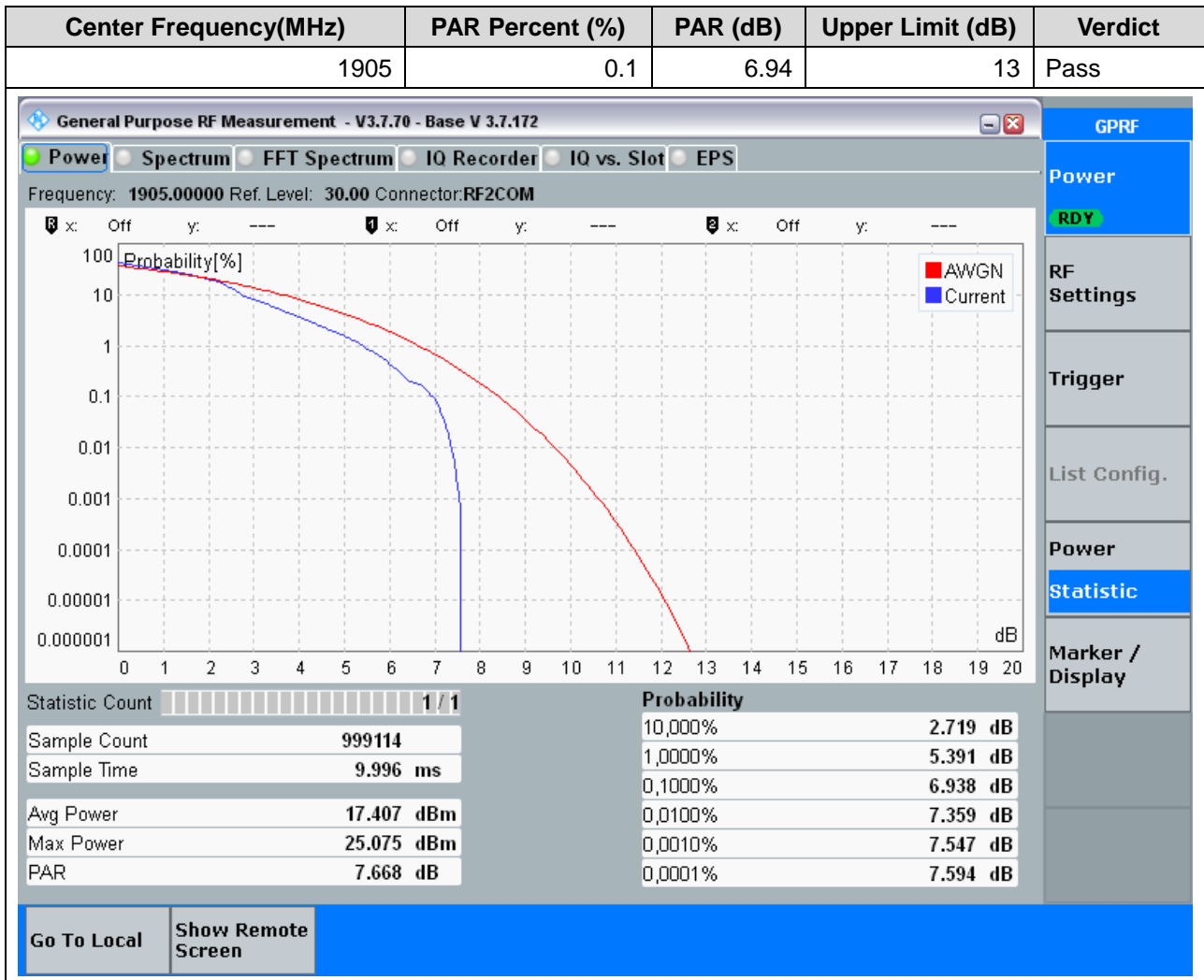


7.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:26590, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1905	0.1	6	13	Pass

Statistic Count		Probability	
Sample Count	998912	10,000%	2.484 dB
Sample Time	9.994 ms	1,0000%	4.688 dB
Avg Power	17.818 dBm	0,1000%	6.000 dB
Max Power	26.214 dBm	0,0100%	6.938 dB
PAR	8.396 dB	0,0010%	7.547 dB
		0,0001%	8.203 dB

7.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:26590, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



7.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:26590, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

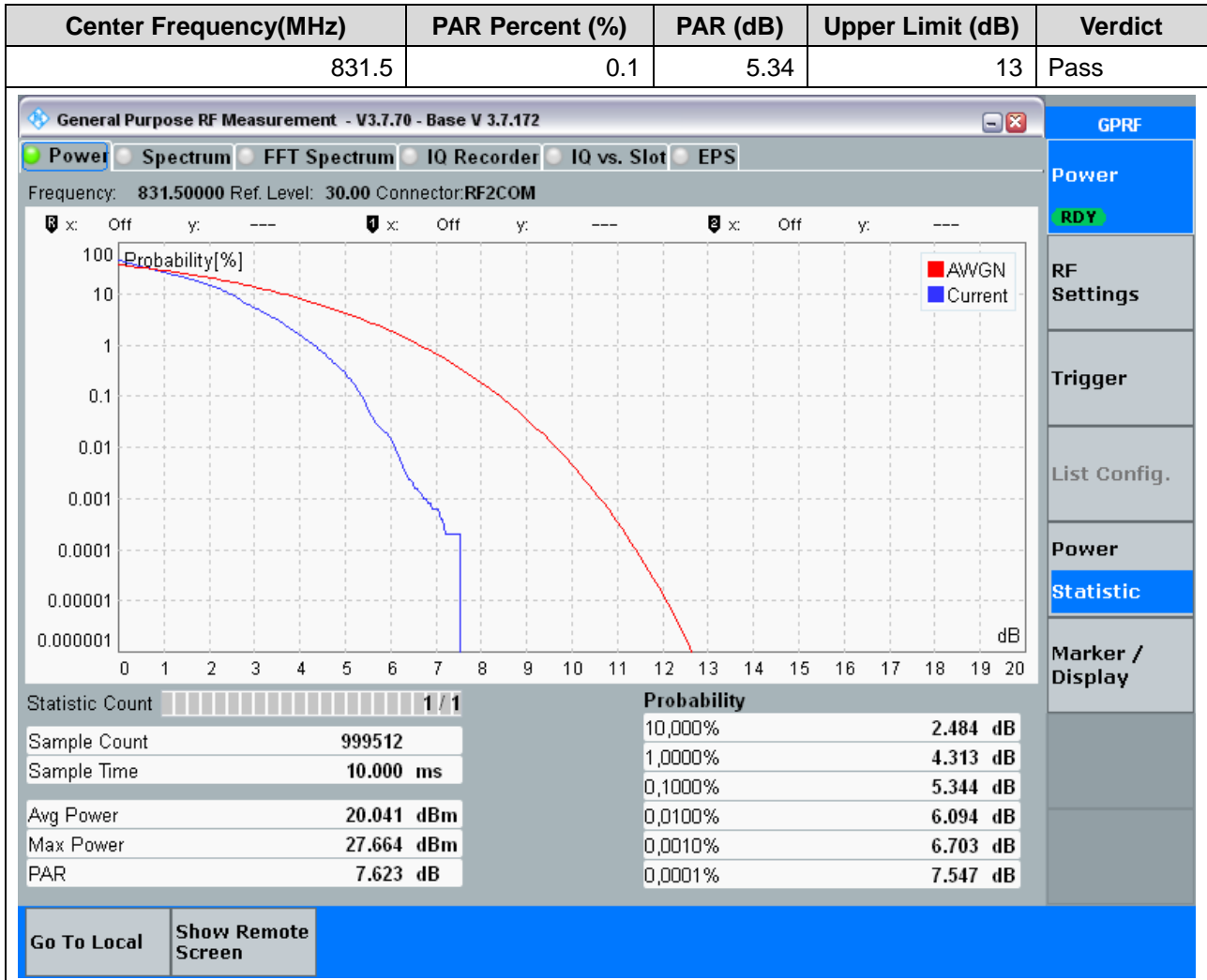
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1905	0.1	6.61	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 8.8 dB. Below the graph is a statistics table.

Statistic Count		Probability	
Sample Count	998912	10,000%	2.953 dB
Sample Time	9.994 ms	1,0000%	5.156 dB
Avg Power	16.804 dBm	0,1000%	6.609 dB
Max Power	25.684 dBm	0,0100%	7.547 dB
PAR	8.880 dB	0,0010%	8.203 dB
		0,0001%	8.625 dB

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	5.95	13	Pass

The screenshot shows the 'General Purpose RF Measurement' software interface. The main window displays a graph of Probability [%] versus dB. Two curves are shown: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a sharp drop in probability around 7.5 dB, while the 'AWGN' curve is smoother and extends to higher dB values. Below the graph is a statistics table.

Statistic Count		Probability	
Sample Count	998512	10,000%	2.578 dB
Sample Time	9.990 ms	1,0000%	4.734 dB
Avg Power	19.369 dBm	0,1000%	5.953 dB
Max Power	27.096 dBm	0,0100%	6.516 dB
PAR	7.728 dB	0,0010%	7.125 dB
		0,0001%	7.500 dB

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	6.23	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
 Frequency: **831.50000** Ref. Level: **30.00** Connector: **RF2COM**

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Statistic Count	
Sample Count	999714
Sample Time	10.002 ms
Avg Power	19.305 dBm
Max Power	27.934 dBm
PAR	8.630 dB

Probability	
10,000%	2.719 dB
1,0000%	4.969 dB
0,1000%	6.234 dB
0,0100%	6.750 dB
0,0010%	7.828 dB
0,0001%	8.531 dB

Go To Local
Show Remote Screen

Power
RDY

RF Settings

Trigger

List Config.

Power
Statistic

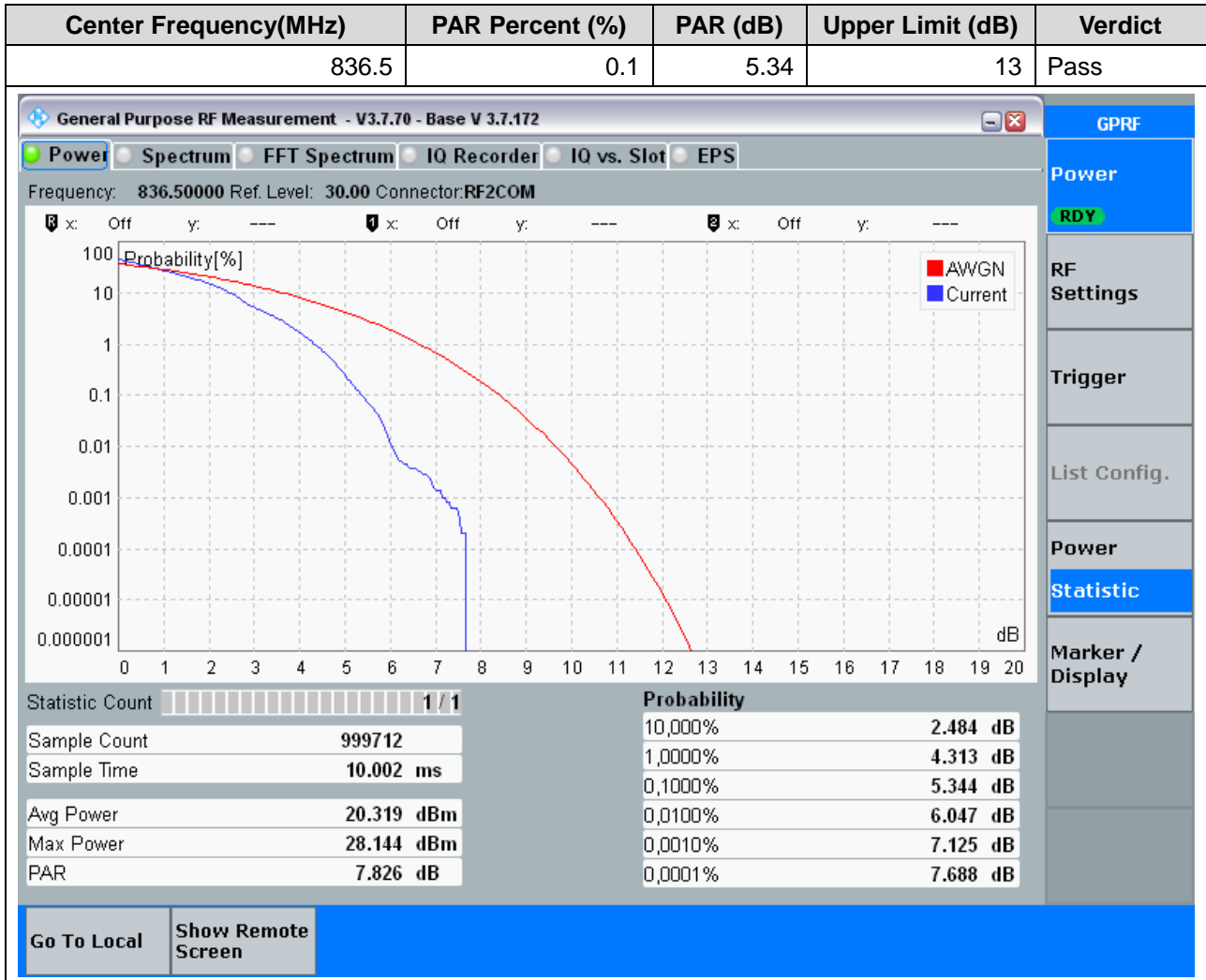
Marker / Display

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	6.37	13	Pass

Statistic Count		Probability	
Sample Count	998314	10,000%	3.047 dB
Sample Time	9.988 ms	1,0000%	5.203 dB
Avg Power	18.246 dBm	0,1000%	6.375 dB
Max Power	26.594 dBm	0,0100%	7.172 dB
PAR	8.349 dB	0,0010%	7.781 dB
		0,0001%	8.016 dB

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)



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	5.53	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 higher PAR. Below the graph, a statistics table provides detailed data.

Statistic Count		Probability	
Sample Count	998314	10,000%	2.391 dB
Sample Time	9.988 ms	1,0000%	4.406 dB
Avg Power	19.241 dBm	0,1000%	5.531 dB
Max Power	25.884 dBm	0,0100%	6.047 dB
PAR	6.643 dB	0,0010%	6.469 dB
		0,0001%	6.609 dB

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	6.28	13	Pass

The screenshot shows the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against '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 9 dB. Below the graph is a statistics table.

Statistic Count		Probability	
Sample Count	999712	10,000%	2.766 dB
Sample Time	10.002 ms	1,0000%	4.828 dB
Avg Power	19.424 dBm	0,1000%	6.281 dB
Max Power	28.565 dBm	0,0100%	6.844 dB
PAR	9.141 dB	0,0010%	8.297 dB
		0,0001%	9.000 dB

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)

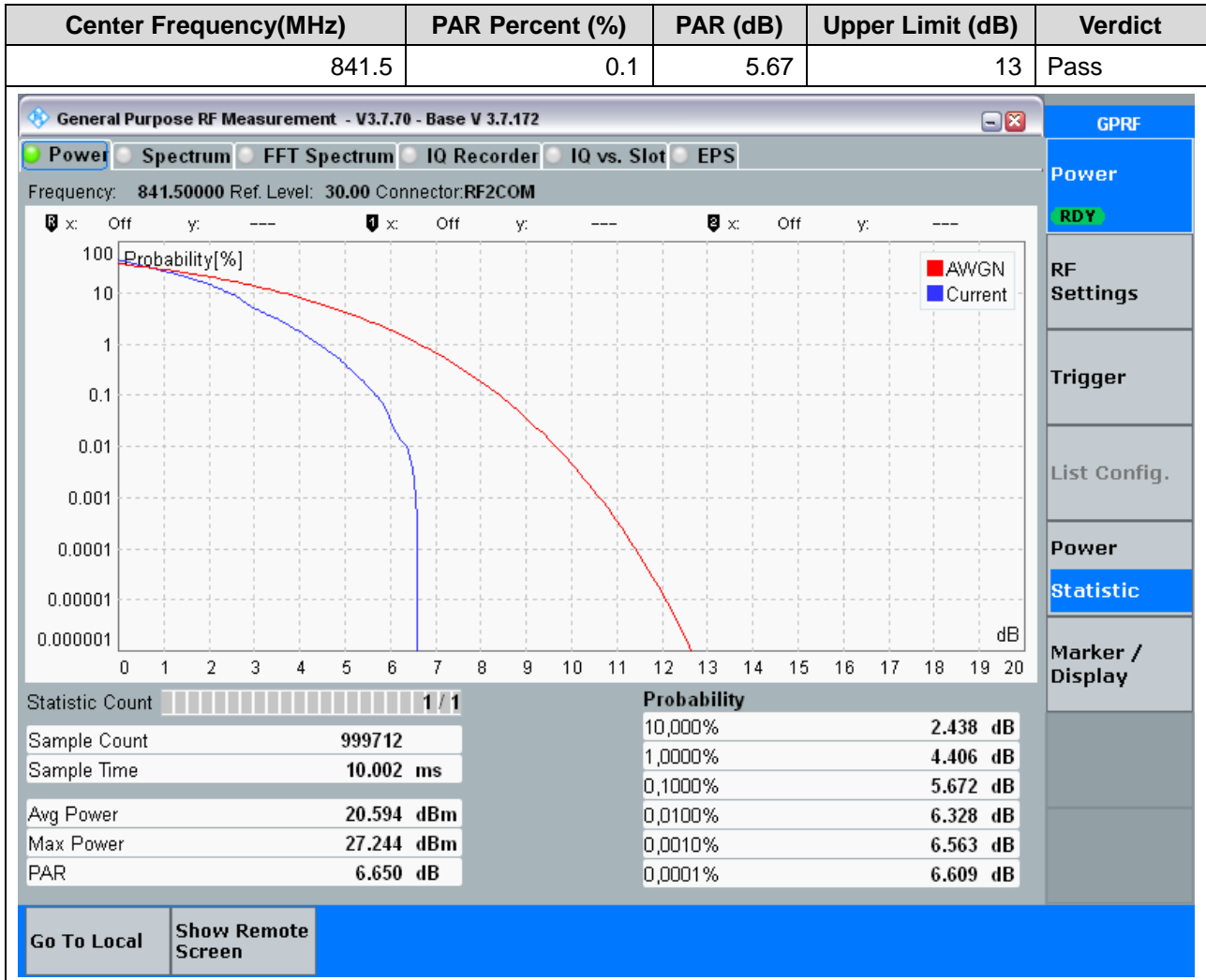
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	6.19	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against dB on the x-axis (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 starting around 7.8 dB, indicating the PAR value. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value
Sample Count	998314	10,000%	2.953 dB
Sample Time	9.988 ms	1,0000%	5.016 dB
Avg Power	18.171 dBm	0,1000%	6.188 dB
Max Power	26.052 dBm	0,0100%	6.984 dB
PAR	7.881 dB	0,0010%	7.453 dB
		0,0001%	7.781 dB

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

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)



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	6	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (from 0.000001 to 100) against dB on the x-axis (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 7.5 dB, while the 'AWGN' curve is much flatter. Below the graph is a statistics table.

Statistic Count		Probability	
Sample Count	998314	10,000%	2.531 dB
Sample Time	9.988 ms	1,0000%	4.781 dB
Avg Power	19.246 dBm	0,1000%	6.000 dB
Max Power	26.884 dBm	0,0100%	6.563 dB
PAR	7.639 dB	0,0010%	7.172 dB
		0,0001%	7.500 dB

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	6.09	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 841.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	Value
Sample Count	999712
Sample Time	10.002 ms
Avg Power	19.685 dBm
Max Power	27.056 dBm
PAR	7.370 dB

Probability	Value
10,000%	2.766 dB
1,0000%	5.063 dB
0,1000%	6.094 dB
0,0100%	6.609 dB
0,0010%	6.750 dB
0,0001%	7.266 dB

Go To Local
Show Remote Screen

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)

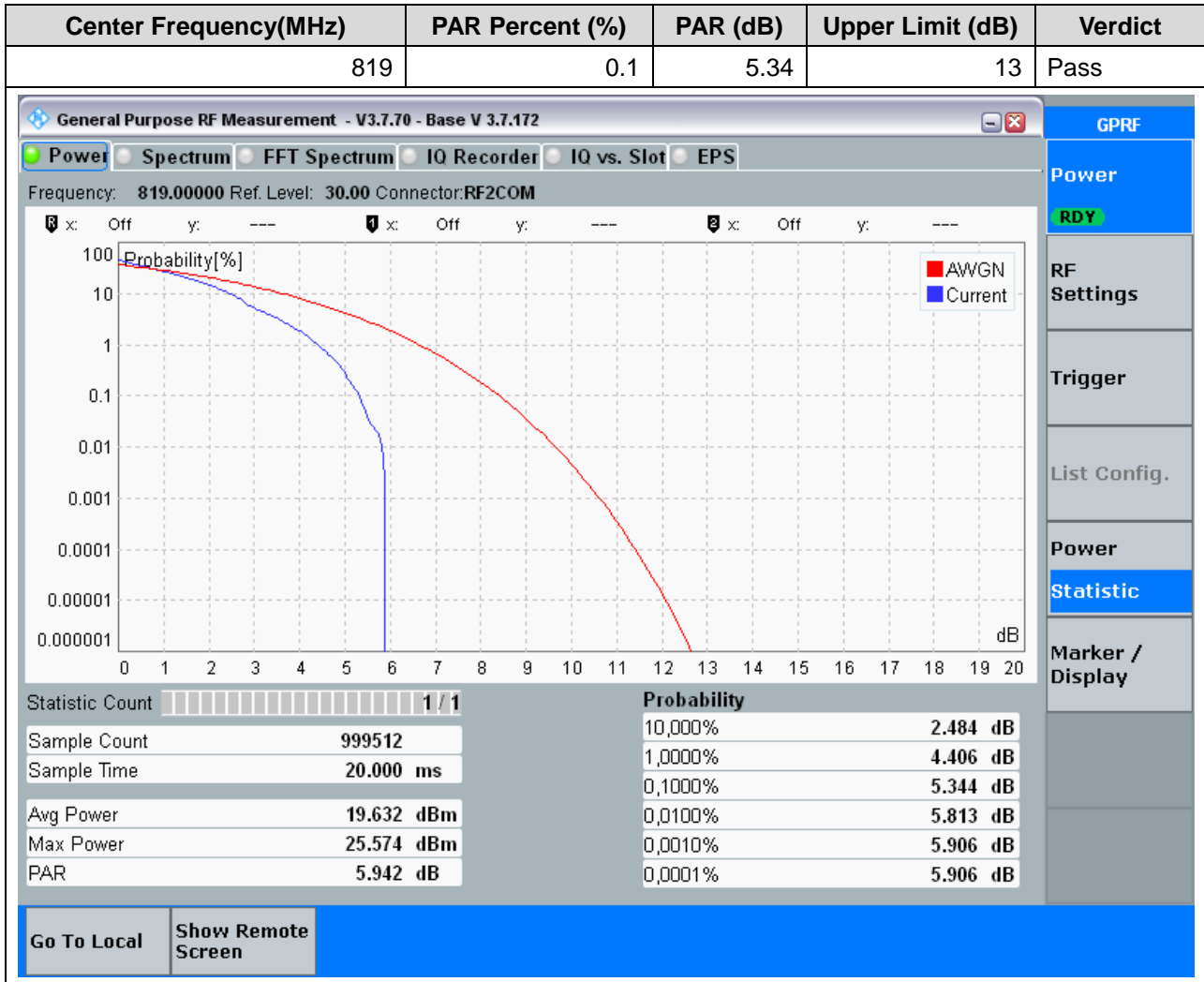
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	6.47	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 8.269 dB. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value
Sample Count	998312	10,000%	3.000 dB
Sample Time	9.988 ms	1,0000%	5.250 dB
Avg Power	18.344 dBm	0,1000%	6.469 dB
Max Power	26.613 dBm	0,0010%	7.781 dB
PAR	8.269 dB	0,0001%	8.016 dB

9. LTE_Band26(part90)

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



9.2. 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	5.39	13	Pass

Statistic Count		Probability	
Sample Count	1023252	10,000%	2.250 dB
Sample Time	20.475 ms	1,0000%	4.266 dB
Avg Power	18.657 dBm	0,1000%	5.391 dB
Max Power	25.875 dBm	0,0100%	6.141 dB
PAR	7.219 dB	0,0010%	6.703 dB
		0,0001%	7.172 dB

9.3. 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	5.86	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS
 Frequency: **819.00000** 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	
Sample Count	999512
Sample Time	20.000 ms
Avg Power	18.735 dBm
Max Power	25.457 dBm
PAR	6.722 dB

Probability	
10,000%	2.766 dB
1,0000%	4.922 dB
0,1000%	5.859 dB
0,0100%	6.422 dB
0,0010%	6.563 dB
0,0001%	6.656 dB

Go To Local
Show Remote Screen

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

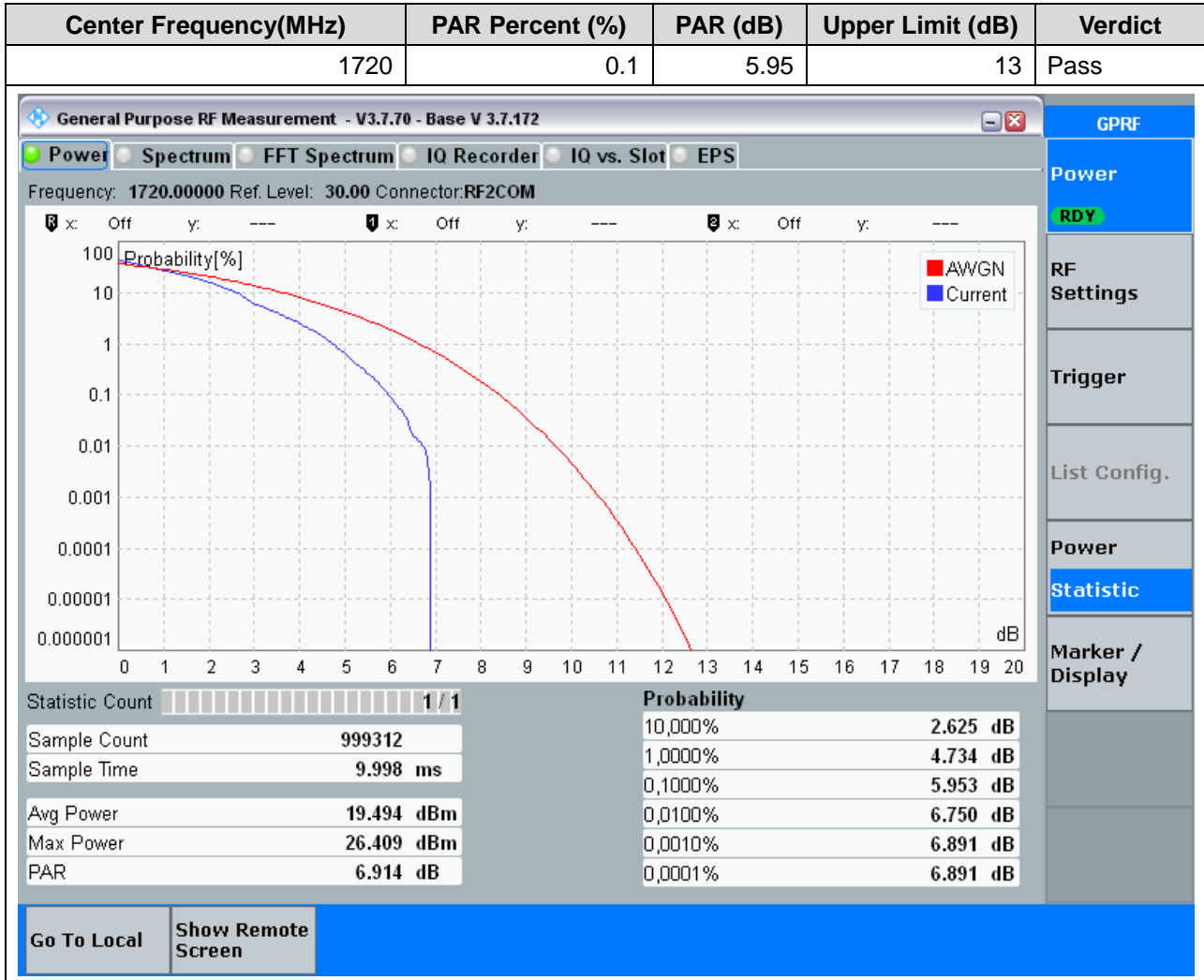
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819	0.1	6.28	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on a logarithmic y-axis (from 0.000001 to 100) against 'dB' on the x-axis (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 higher PAR. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	1023252	10,000%	2.859 dB
Sample Time	20.475 ms	1,0000%	4.922 dB
Avg Power	17.793 dBm	0,1000%	6.281 dB
Max Power	25.499 dBm	0,0010%	7.500 dB
PAR	7.706 dB	0,0001%	7.688 dB

10. LTE_Band66

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



10.2. 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	5.77	13	Pass

Statistic Count		Probability	
Sample Count	998712	10,000%	2.344 dB
Sample Time	9.992 ms	1,0000%	4.453 dB
Avg Power	17.154 dBm	0,1000%	5.766 dB
Max Power	25.293 dBm	0,0100%	6.609 dB
PAR	8.139 dB	0,0010%	7.219 dB
		0,0001%	7.969 dB

10.3. 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	6.98	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 '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-off around 7.8 dB, while the 'AWGN' curve is smoother and extends to about 12.5 dB. Below the plot is a statistics table.

Statistic Count		Probability	
Sample Count	999312	10,000%	2.813 dB
Sample Time	9.998 ms	1,0000%	5.484 dB
Avg Power	18.531 dBm	0,1000%	6.984 dB
Max Power	26.335 dBm	0,0100%	7.406 dB
PAR	7.804 dB	0,0010%	7.641 dB
		0,0001%	7.734 dB

Buttons at the bottom include 'Go To Local' and 'Show Remote Screen'.

10.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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

Statistic Count		Probability	
Sample Count	998712	10,000%	2.859 dB
Sample Time	9.992 ms	1,0000%	5.016 dB
Avg Power	16.232 dBm	0,1000%	6.422 dB
Max Power	24.697 dBm	0,0100%	7.313 dB
PAR	8.465 dB	0,0010%	7.875 dB
		0,0001%	8.297 dB

10.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.67	13	Pass

The screenshot shows the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on the y-axis (log scale from 0.000001 to 100) against 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-off around 6.5 dB, while the 'AWGN' curve is much flatter. Below the graph is a statistics table.

Statistic Count		Probability	
Sample Count	999312	10,000%	2.625 dB
Sample Time	9.998 ms	1,0000%	4.688 dB
Avg Power	18.309 dBm	0,1000%	5.672 dB
Max Power	24.773 dBm	0,0010%	6.422 dB
PAR	6.464 dB	0,0001%	6.422 dB

10.6. 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	5.86	13	Pass

Statistic Count		Probability	
Sample Count	998912	10,000%	2.344 dB
Sample Time	9.994 ms	1,0000%	4.547 dB
Avg Power	17.818 dBm	0,1000%	5.859 dB
Max Power	26.208 dBm	0,0100%	6.797 dB
PAR	8.391 dB	0,0010%	7.500 dB
		0,0001%	8.063 dB

10.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.09	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 6.5 dB, while the 'AWGN' curve is smoother and extends to about 12.5 dB.

Statistic Count		Probability	
Sample Count	999112	10,000%	2.766 dB
Sample Time	9.996 ms	1,0000%	5.063 dB
Avg Power	17.652 dBm	0,1000%	6.094 dB
Max Power	24.641 dBm	0,0100%	6.422 dB
PAR	6.988 dB	0,0010%	6.563 dB
		0,0001%	6.797 dB

10.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.52	13	Pass

Statistic Count		Probability	
Sample Count	998912	10,000%	2.906 dB
Sample Time	9.994 ms	1,0000%	5.109 dB
Avg Power	16.640 dBm	0,1000%	6.516 dB
Max Power	25.719 dBm	0,0100%	7.453 dB
PAR	9.079 dB	0,0010%	8.438 dB
		0,0001%	9.000 dB

10.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	5.86	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

Power
RDY

Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count		Probability	
Sample Count	999114	10,000%	2.578 dB
Sample Time	9.996 ms	1,0000%	4.734 dB
Avg Power	17.775 dBm	0,1000%	5.859 dB
Max Power	24.588 dBm	0,0100%	6.516 dB
PAR	6.813 dB	0,0010%	6.750 dB
		0,0001%	6.750 dB

Go To Local
Show Remote Screen

10.10. 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	5.86	13	Pass

Statistic Count		Probability	
Sample Count	998912	10,000%	2.344 dB
Sample Time	9.994 ms	1,0000%	4.547 dB
Avg Power	17.132 dBm	0,1000%	5.859 dB
Max Power	24.729 dBm	0,0100%	6.656 dB
PAR	7.598 dB	0,0010%	7.125 dB
		0,0001%	7.500 dB

10.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	6.52	13	Pass

The screenshot shows the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on the y-axis (log scale from 0.000001 to 100) against 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 7.8 dB, while the 'AWGN' curve is smoother and extends to about 12.5 dB.

Statistic Count	Sample Count	Sample Time	Avg Power	Max Power	PAR	Probability	Value
1 / 1	999112	9.996 ms	16.900 dBm	24.715 dBm	7.815 dB	10,000%	2.766 dB
						1,0000%	5.063 dB
						0,1000%	6.516 dB
						0,0100%	7.453 dB
						0,0010%	7.688 dB
						0,0001%	7.734 dB

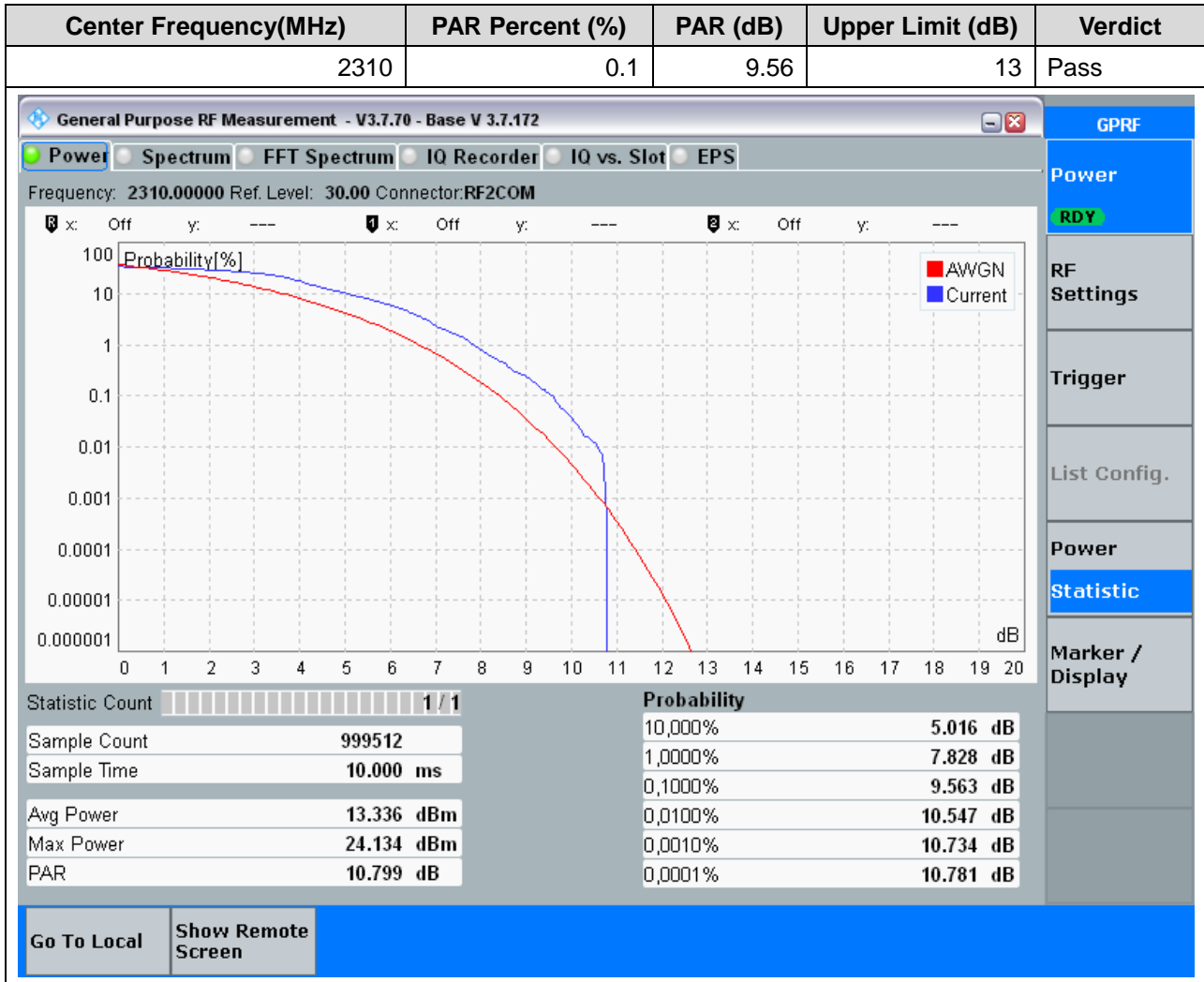
10.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	6.56	13	Pass

Statistic Count		Probability	
Sample Count	998912	10,000%	2.859 dB
Sample Time	9.994 ms	1,0000%	5.109 dB
Avg Power	16.234 dBm	0,1000%	6.563 dB
Max Power	25.449 dBm	0,0100%	7.594 dB
PAR	9.215 dB	0,0010%	8.250 dB
		0,0001%	8.766 dB

11. LTE_Band40(2305-2315)

11.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:38750, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



11.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:38750, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2310	0.1	9.42	13	Pass

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

Frequency: 2310.00000 Ref. Level: 30.00 Connector:RF2COM

Legend: AWGN (Red), Current (Blue)

Statistic Count	Sample Count	Sample Time	Avg Power	Max Power	PAR	Probability	Value
1 / 1	998512	9.990 ms	12.221 dBm	23.999 dBm	11.778 dB	10,000%	4.922 dB
						1,0000%	7.781 dB
						0,1000%	9.422 dB
						0,0100%	10.500 dB
						0,0010%	11.344 dB
						0,0001%	11.766 dB

11.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:38750, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2310	0.1	10.27	13	Pass

Statistic Count		Probability	
Sample Count	999512	10,000%	5.625 dB
Sample Time	10.000 ms	1,0000%	8.531 dB
Avg Power	12.454 dBm	0,1000%	10.266 dB
Max Power	23.658 dBm	0,0100%	11.016 dB
PAR	11.204 dB	0,0010%	11.156 dB
		0,0001%	11.203 dB

11.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:38750, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2310	0.1	10.08	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2310.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998512	10,000%	5.391 dB
Sample Time	9.990 ms	1,0000%	8.297 dB
Avg Power	11.190 dBm	0,1000%	10.078 dB
Max Power	23.598 dBm	0,0100%	11.156 dB
PAR	12.407 dB	0,0010%	11.953 dB
		0,0001%	12.234 dB

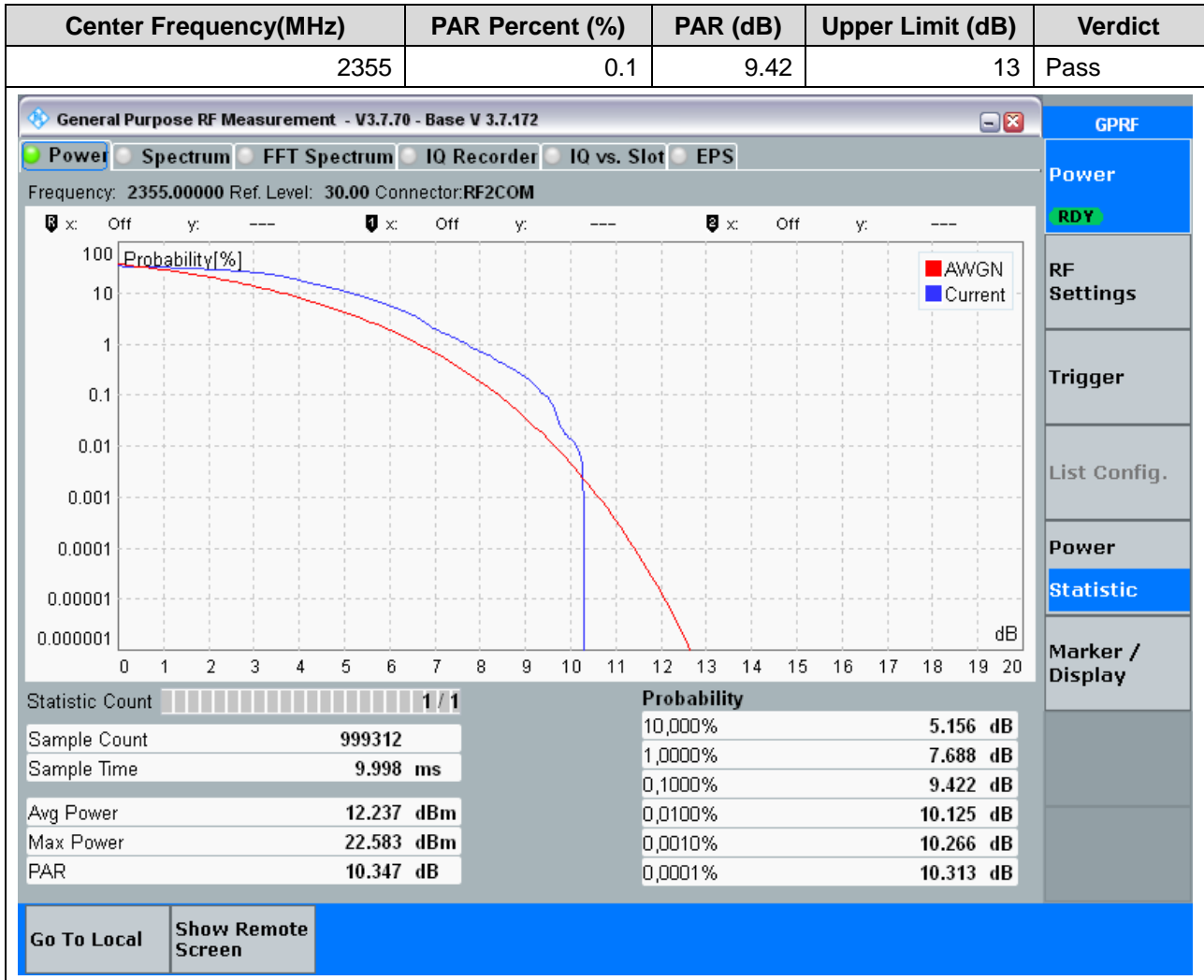
Go To Local

Show Remote Screen

Statistic

12. LTE_Band40(2350-2360)

12.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



12.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2355	0.1	9.33	13	Pass

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

Frequency: 2355.00000 Ref. Level: 30.00 Connector:RF2COM

Graph: Probability[%] vs dB. Legend: AWGN (Red), Current (Blue).

Statistic	Value	Probability	Value (dB)
Sample Count	998912	10,000%	4.922 dB
Sample Time	9.994 ms	1,0000%	7.781 dB
Avg Power	11.641 dBm	0,1000%	9.328 dB
Max Power	23.125 dBm	0,0100%	10.359 dB
PAR	11.485 dB	0,0010%	11.109 dB
		0,0001%	11.391 dB

Buttons: Go To Local, Show Remote Screen

12.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:39200, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2355	0.1	10.22	13	Pass

Statistic Count		Probability	
Sample Count	999114	10,000%	5.578 dB
Sample Time	9.996 ms	1,0000%	8.578 dB
Avg Power	11.435 dBm	0,1000%	10.219 dB
Max Power	22.993 dBm	0,0100%	11.203 dB
PAR	11.559 dB	0,0010%	11.484 dB
		0,0001%	11.578 dB

12.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:39200, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2355	0.1	10.03	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale 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 higher PAR. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value (dB)
Sample Count	999112	10,000%	5.344
Sample Time	9.996 ms	1,0000%	8.250
Avg Power	10.555 dBm	0,1000%	10.031
Max Power	22.760 dBm	0,0100%	11.156
PAR	12.205 dB	0,0010%	11.719
		0,0001%	12.047

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

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