

Annex A.2 Peak to Average Ratio

1. WCDMA_Band2

1.1. WCDMA Peak to Average Ratio(NTNV)(Channel:9262)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1852.4	0.1	2.86	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: 1852.40000 Ref. Level: 30.00 Connector:RF2COM

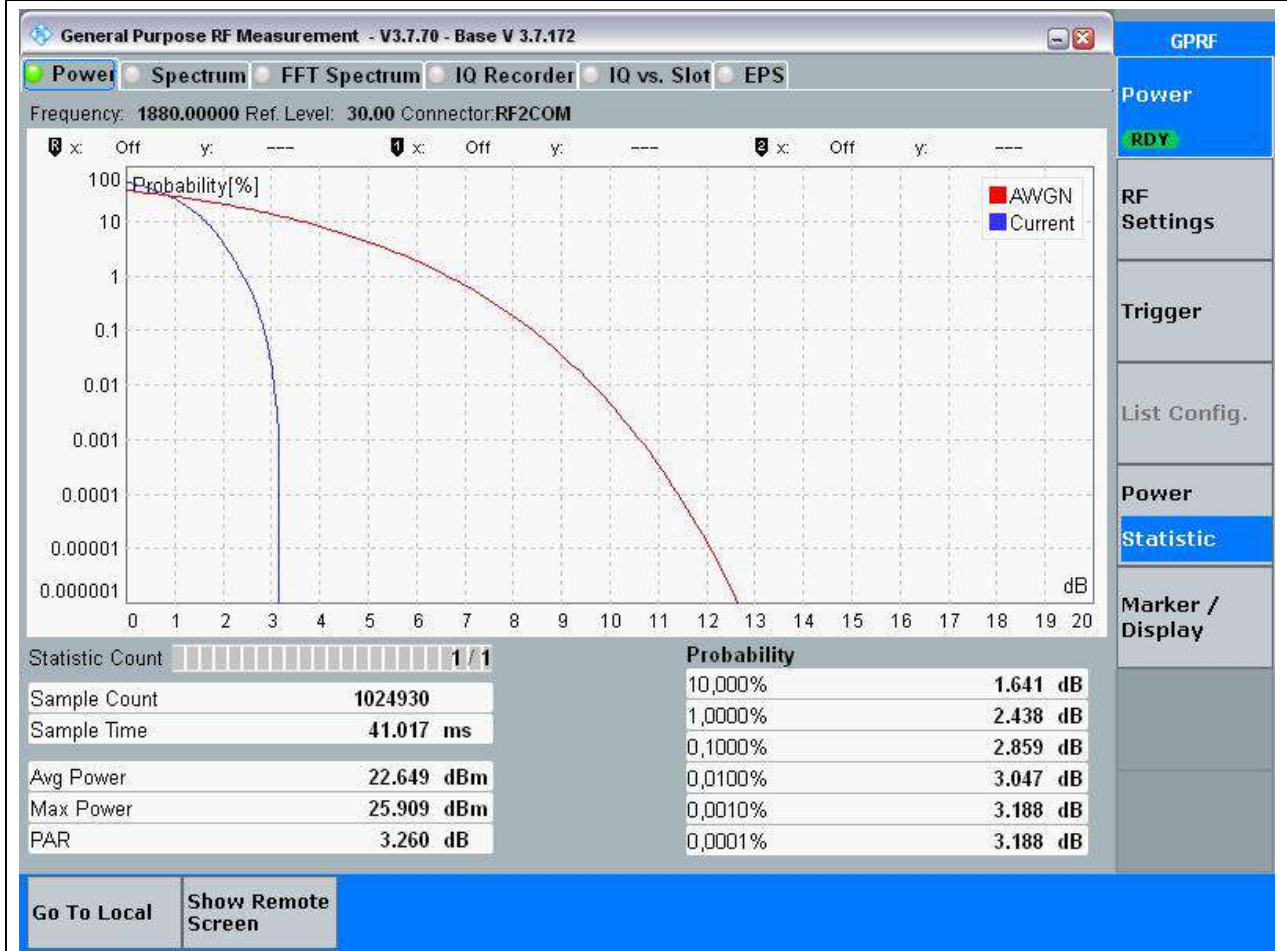
GPRF
 Power RDY
 RF Settings
 Trigger
 List Config.
 Power
Statistic
 Marker / Display

Statistic Count		Probability	
Sample Count	998714	10,000%	1.641 dB
Sample Time	39.968 ms	1,0000%	2.438 dB
Avg Power	22.562 dBm	0,1000%	2.859 dB
Max Power	25.890 dBm	0,0100%	3.094 dB
PAR	3.328 dB	0,0010%	3.188 dB
		0,0001%	3.234 dB

Go To Local
Show Remote Screen

1.2. WCDMA Peak to Average Ratio(NTNV)(Channel:9400)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	2.86	13	Pass



1.3. WCDMA Peak to Average Ratio(NTNV)(Channel:9538)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1907.6	0.1	2.95	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: 1907.60000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Legend: ■ AWGN ■ Current

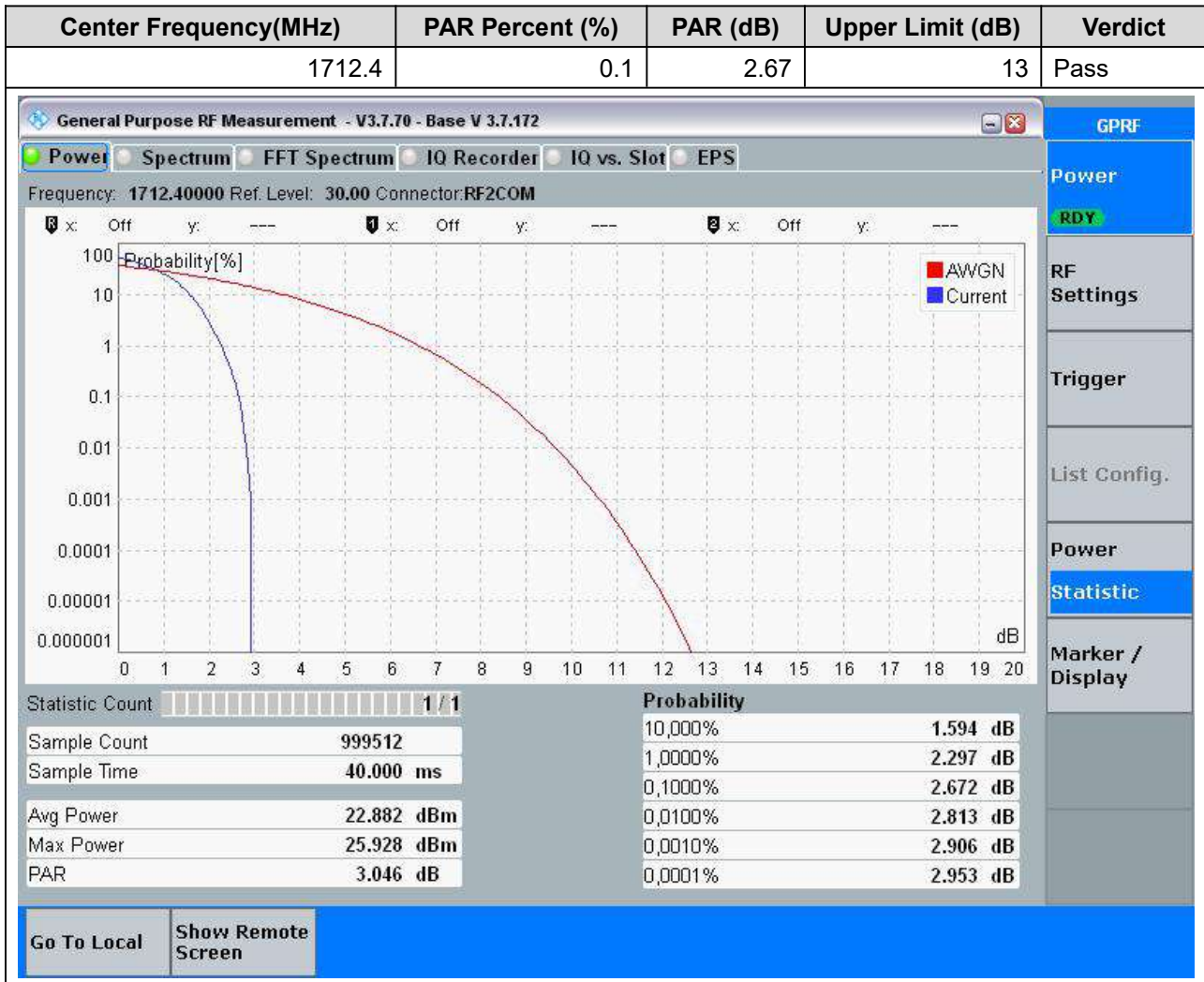
Statistic Count		Probability	
Sample Count	997914	10,000%	1.688 dB
Sample Time	39.936 ms	1,0000%	2.484 dB
Avg Power	22.489 dBm	0,1000%	2.953 dB
Max Power	25.879 dBm	0,0100%	3.188 dB
PAR	3.390 dB	0,0010%	3.281 dB
		0,0001%	3.375 dB

Go To Local
Show Remote Screen

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

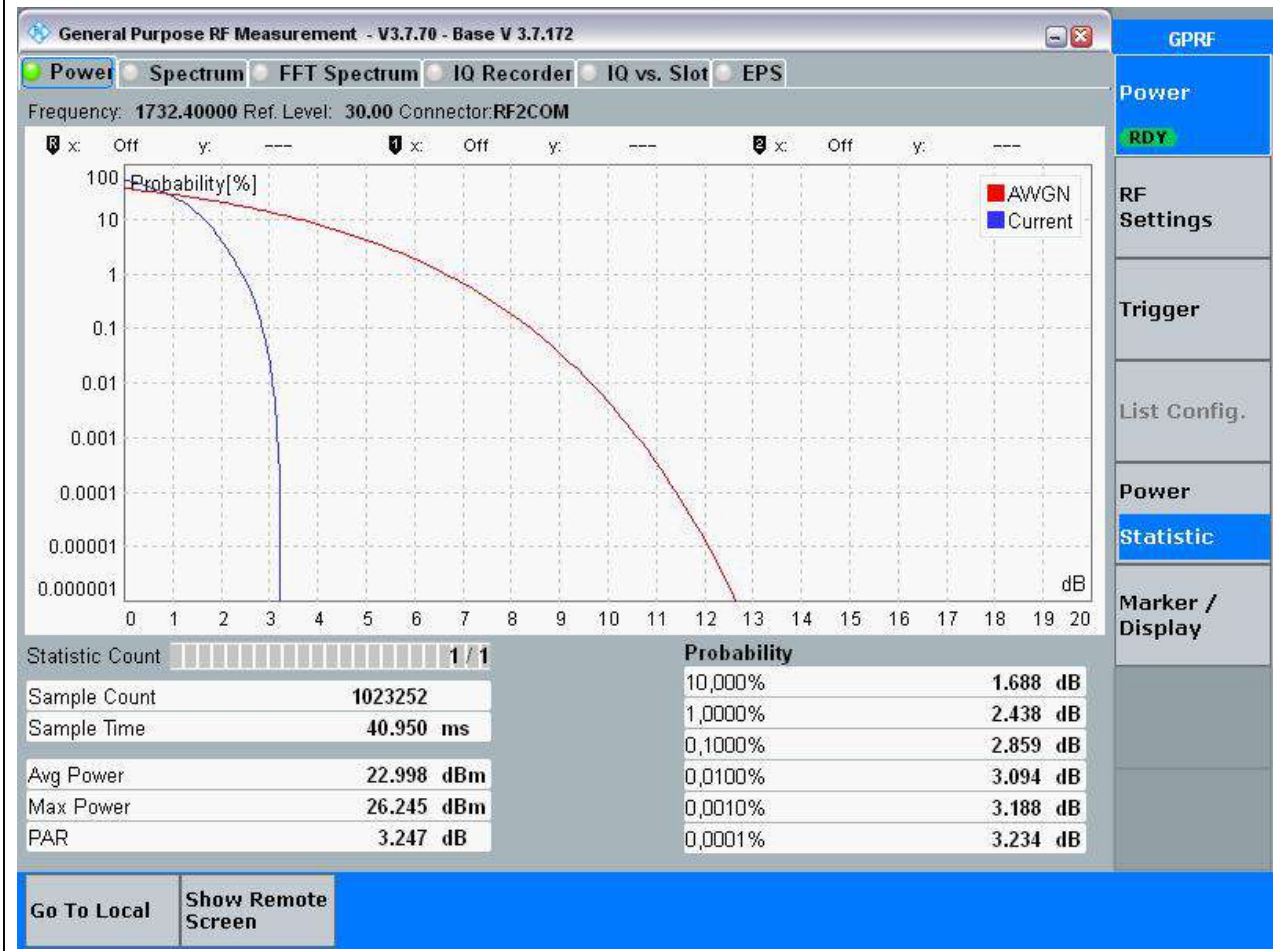
2. WCDMA_Band4

2.1. WCDMA Peak to Average Ratio(NTNV)(Channel:1312)



2.2. WCDMA Peak to Average Ratio(NTNV)(Channel:1412)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.4	0.1	2.86	13	Pass



2.3. WCDMA Peak to Average Ratio(NTNV)(Channel:1513)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1752.6	0.1	2.91	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: 1752.60000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Legend: ■ AWGN ■ Current

Statistic Count		Probability	
Sample Count	1000310	10,000%	1.641 dB
Sample Time	40.032 ms	1,0000%	2.438 dB
Avg Power	23.017 dBm	0,1000%	2.906 dB
Max Power	26.381 dBm	0,0010%	3.234 dB
PAR	3.364 dB	0,0001%	3.281 dB

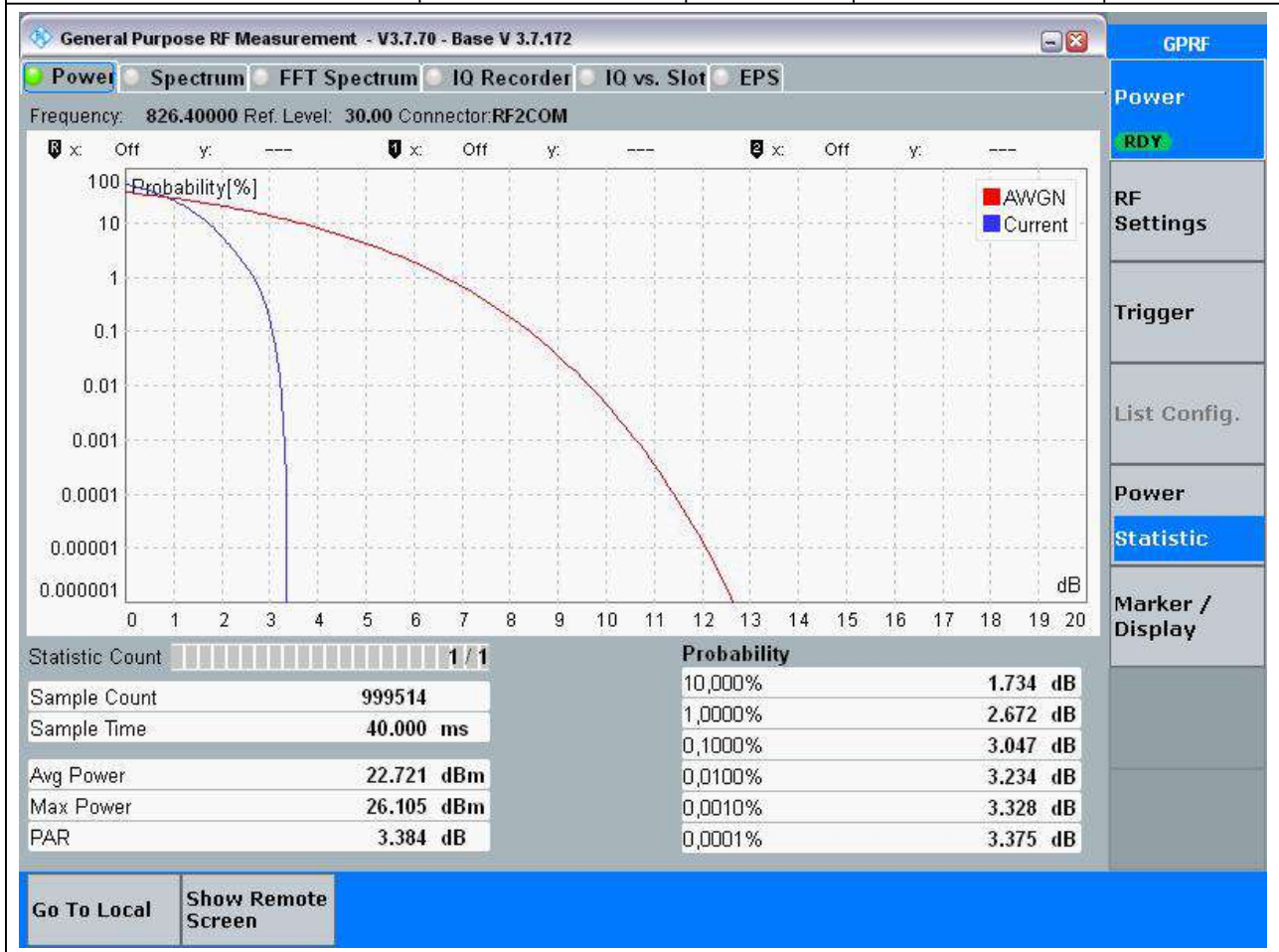
Go To Local Show Remote Screen

Statistic

3. WCDMA_Band5

3.1. WCDMA Peak to Average Ratio(NTNV)(Channel:4132)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
826.4	0.1	3.05	13	Pass



3.2. WCDMA Peak to Average Ratio(NTNV)(Channel:4182)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.4	0.1	2.95	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: 836.40000 Ref. Level: 30.00 Connector:RF2COM

GPRF

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

Legend: ■ AWGN ■ Current

Statistic Count		Probability	
Sample Count	1023252	10,000%	1.688 dB
Sample Time	40.950 ms	1,0000%	2.578 dB
Avg Power	22.728 dBm	0,1000%	2.953 dB
Max Power	25.938 dBm	0,0100%	3.094 dB
PAR	3.210 dB	0,0010%	3.141 dB
		0,0001%	3.141 dB

Go To Local
Show Remote Screen

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

3.3. WCDMA Peak to Average Ratio(NTNV)(Channel:4233)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
846.6	0.1	3.05	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
 Frequency: 846.60000 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: ---

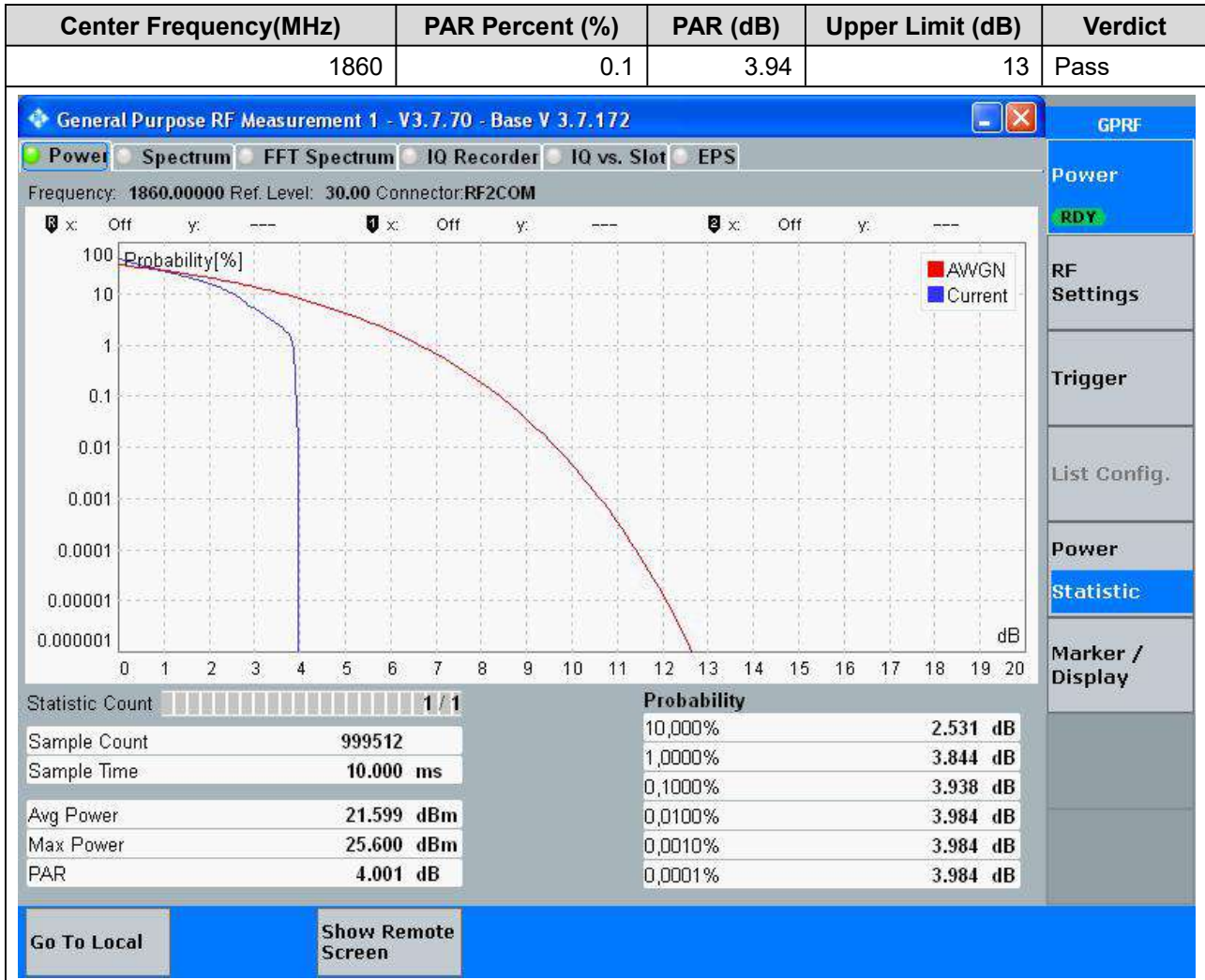
Statistic Count		Probability	
Sample Count	999512	10,000%	1.734 dB
Sample Time	40.000 ms	1,0000%	2.672 dB
Avg Power	22.708 dBm	0,1000%	3.047 dB
Max Power	26.069 dBm	0,0100%	3.188 dB
PAR	3.361 dB	0,0010%	3.281 dB
		0,0001%	3.328 dB

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

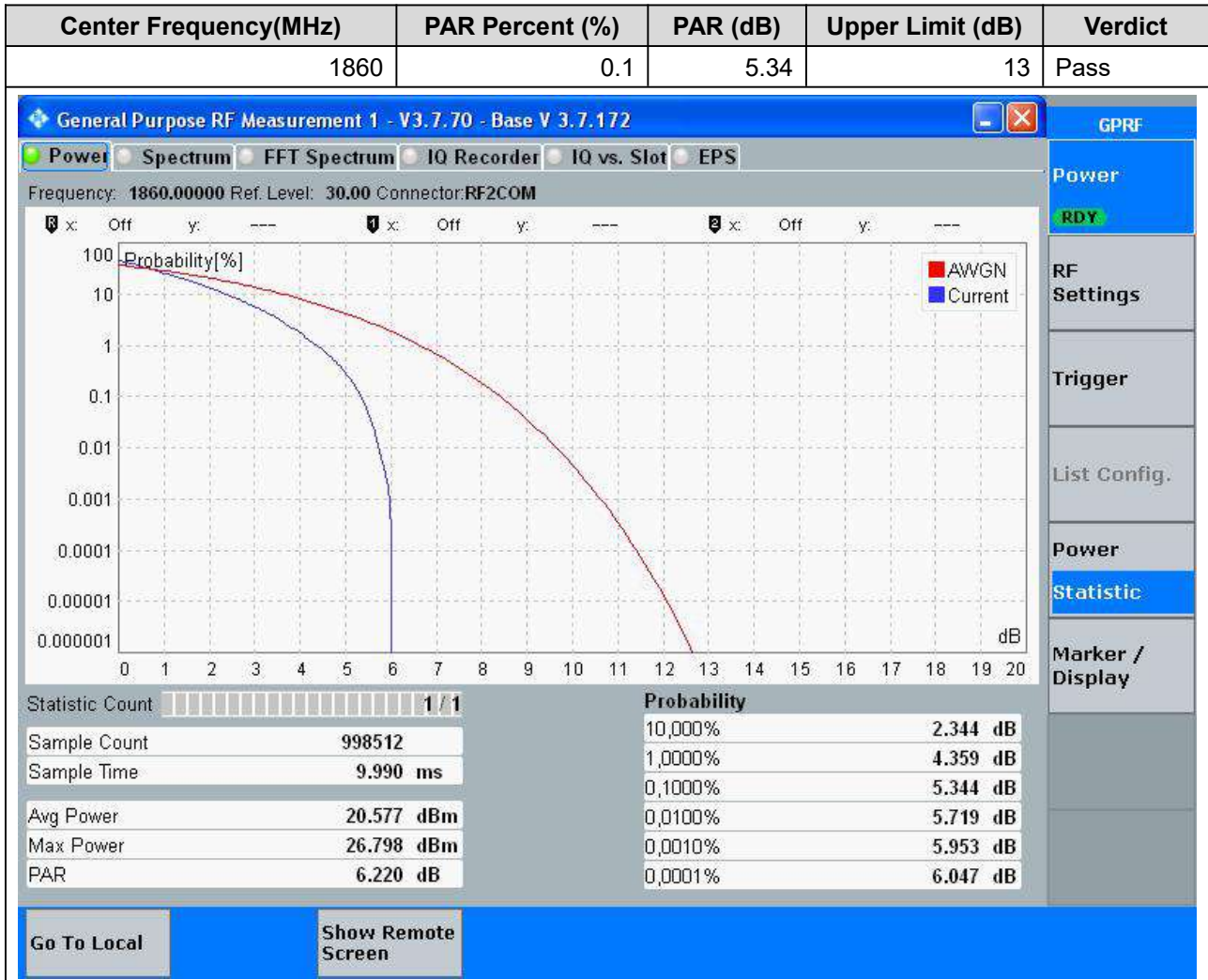
Go To Local
Show Remote Screen

4. LTE_Band2

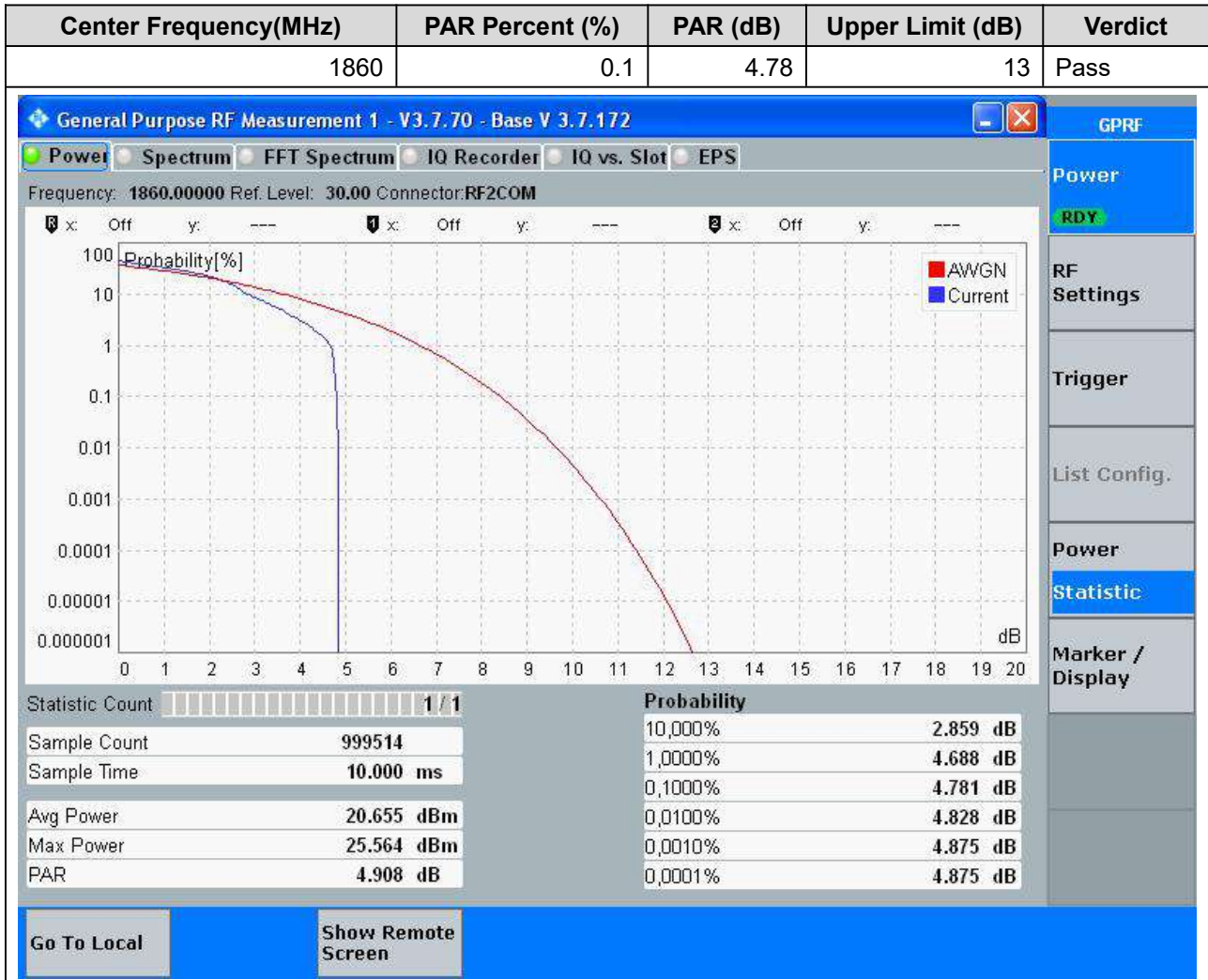
4.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



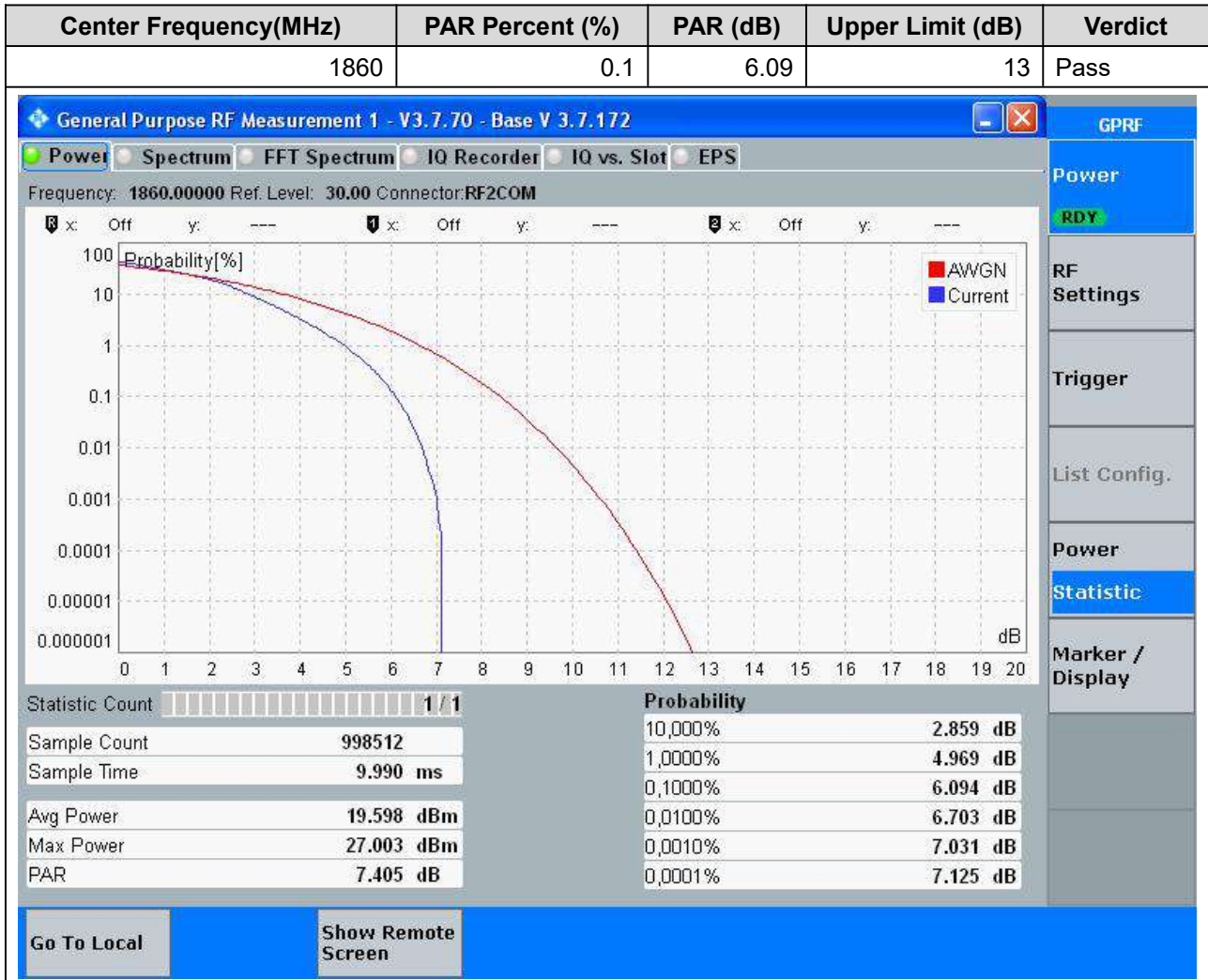
4.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



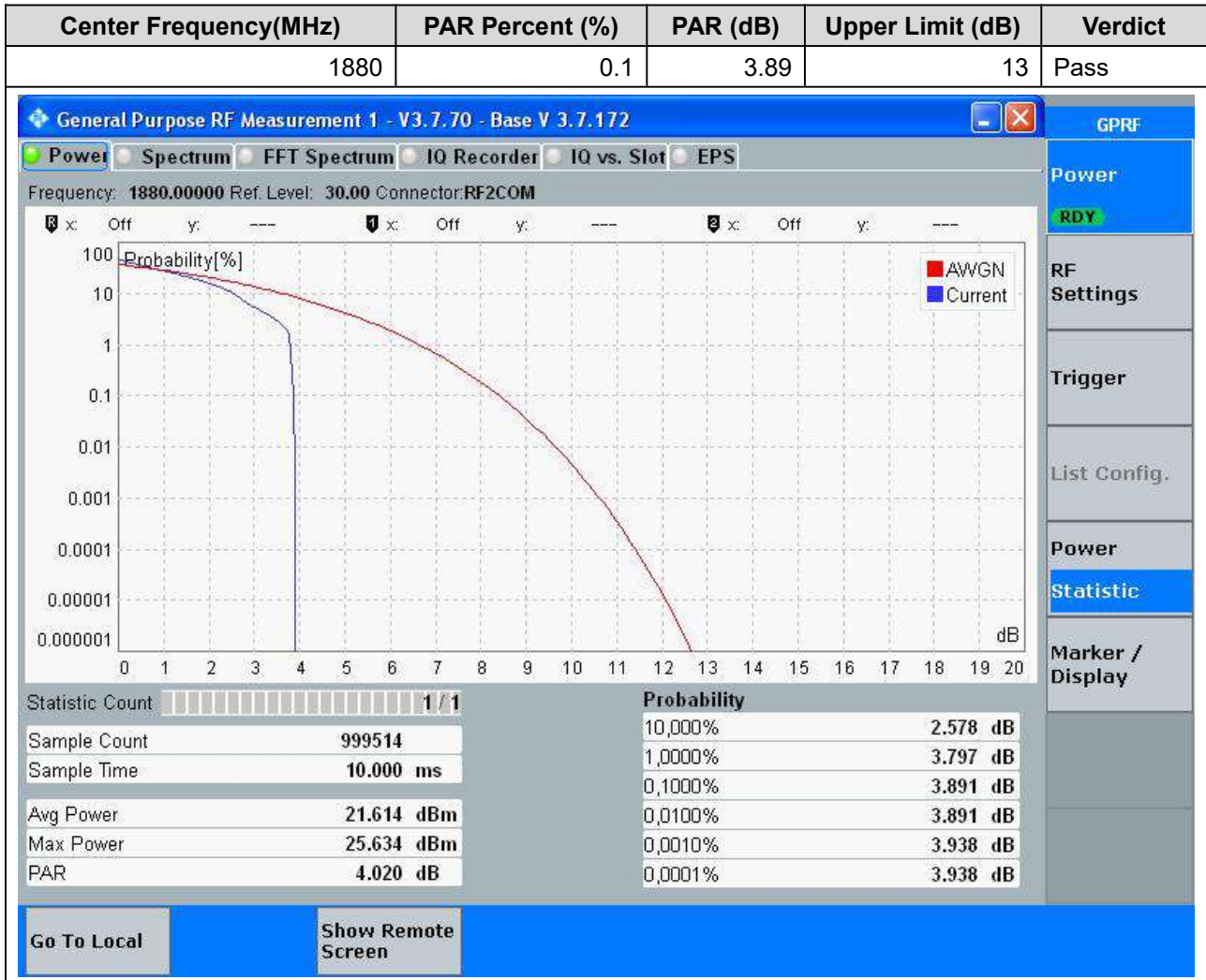
4.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



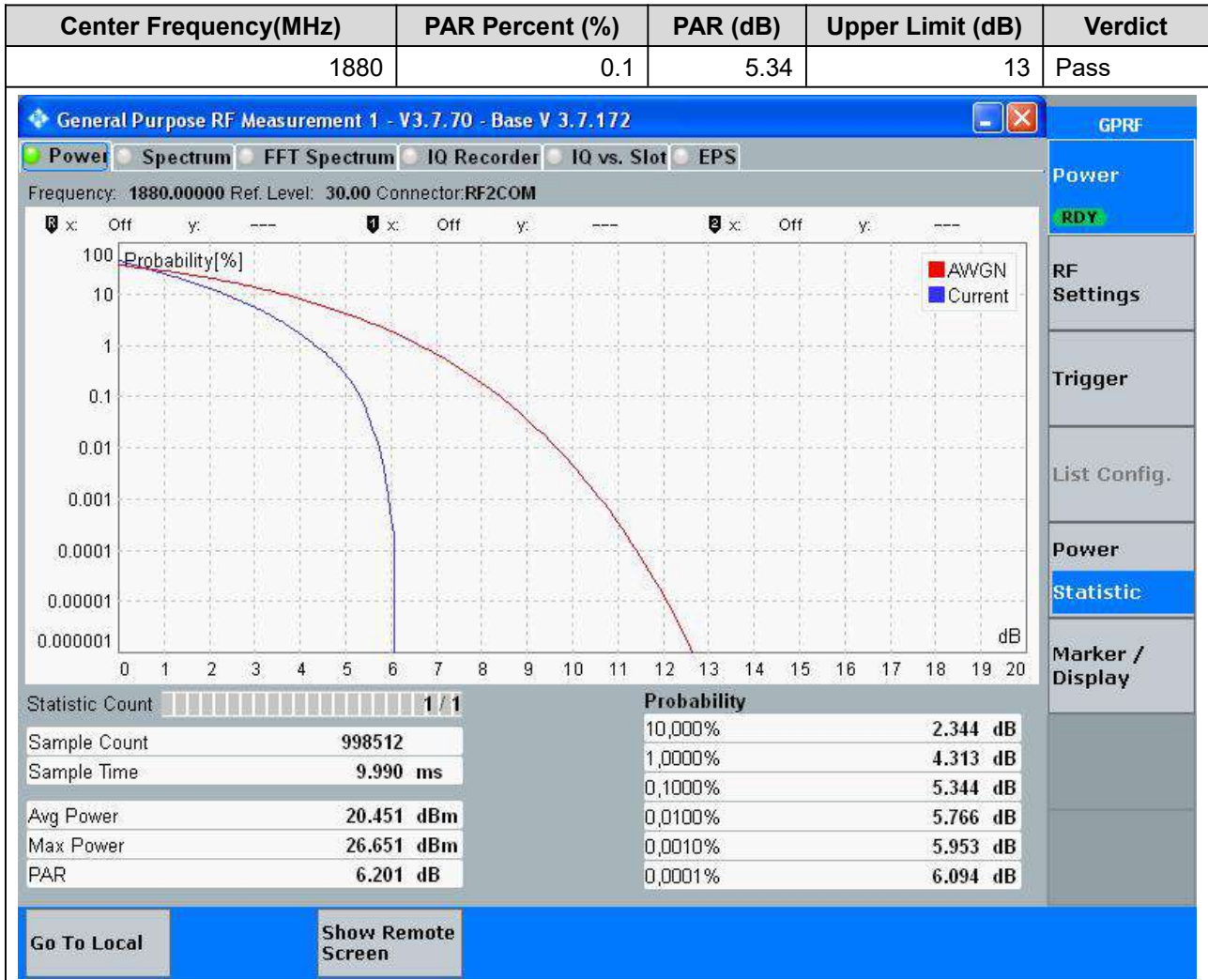
4.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



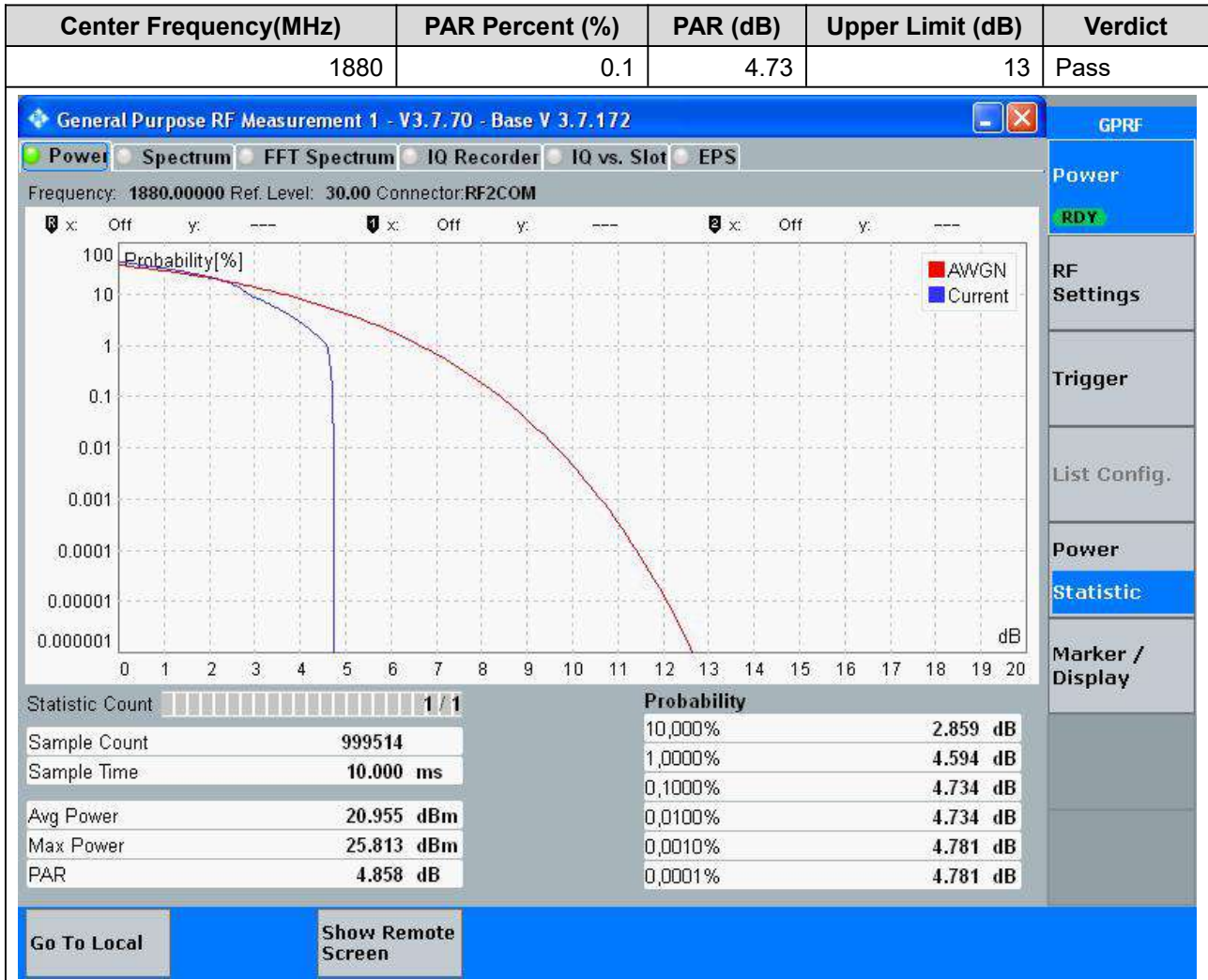
4.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



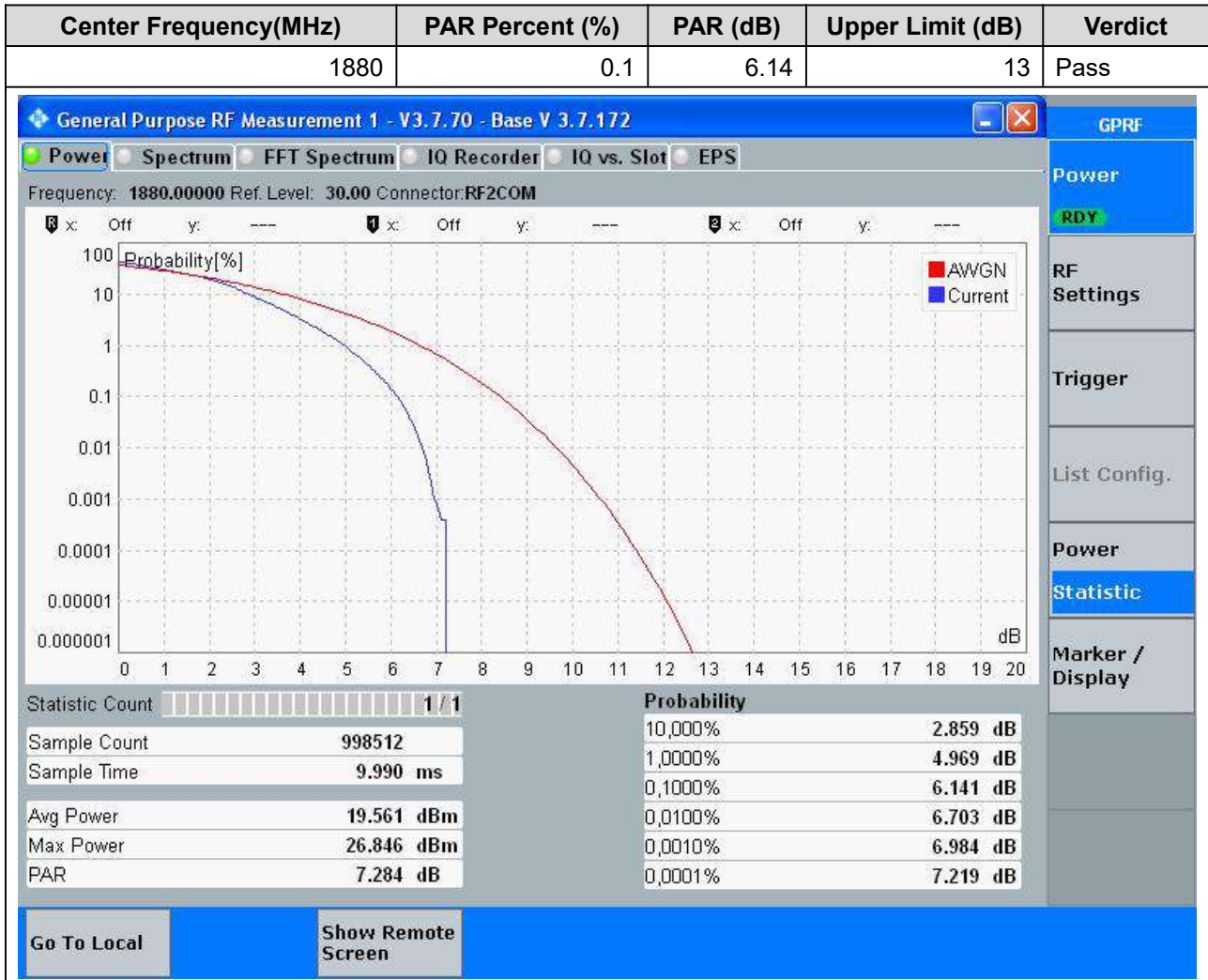
4.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



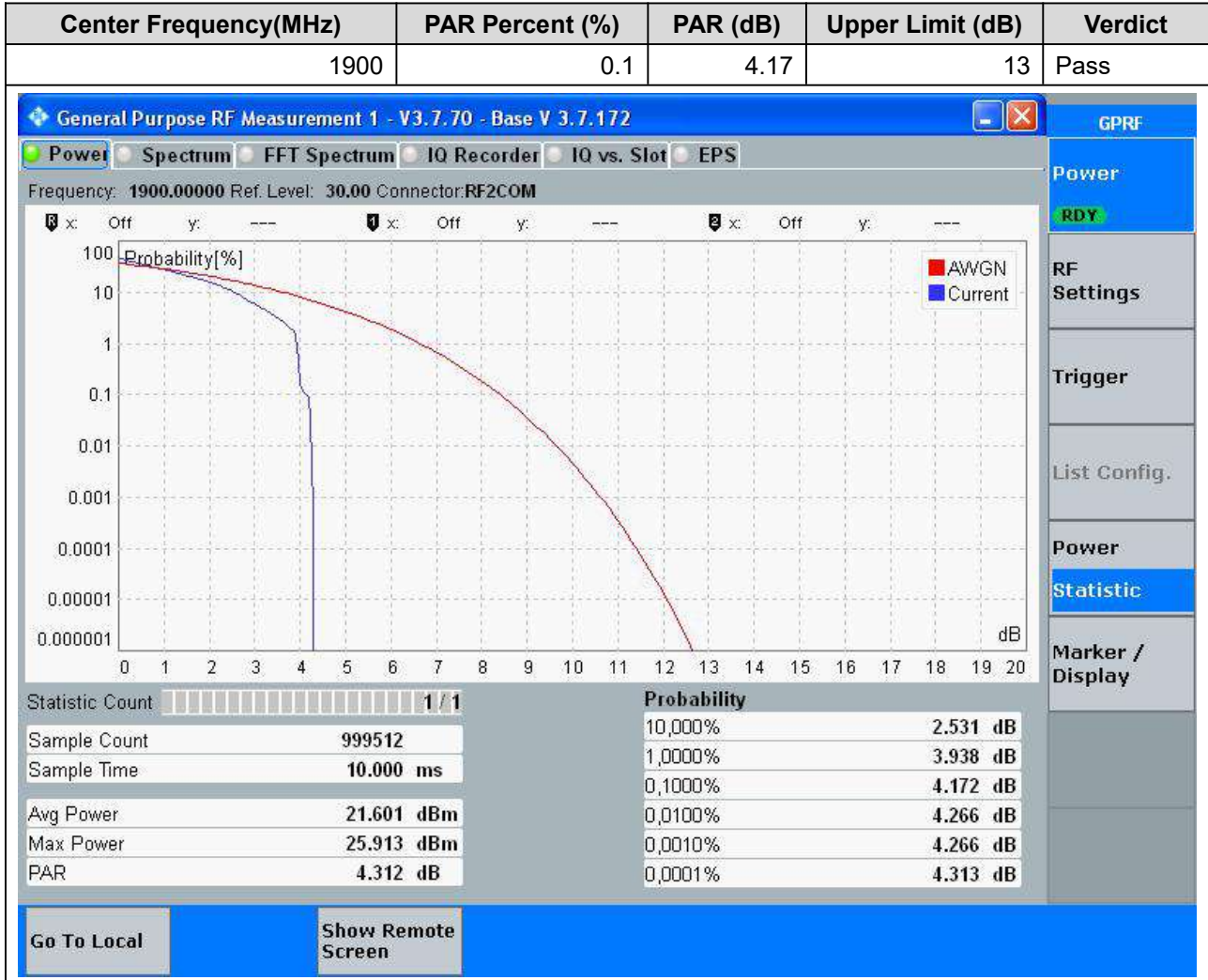
4.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



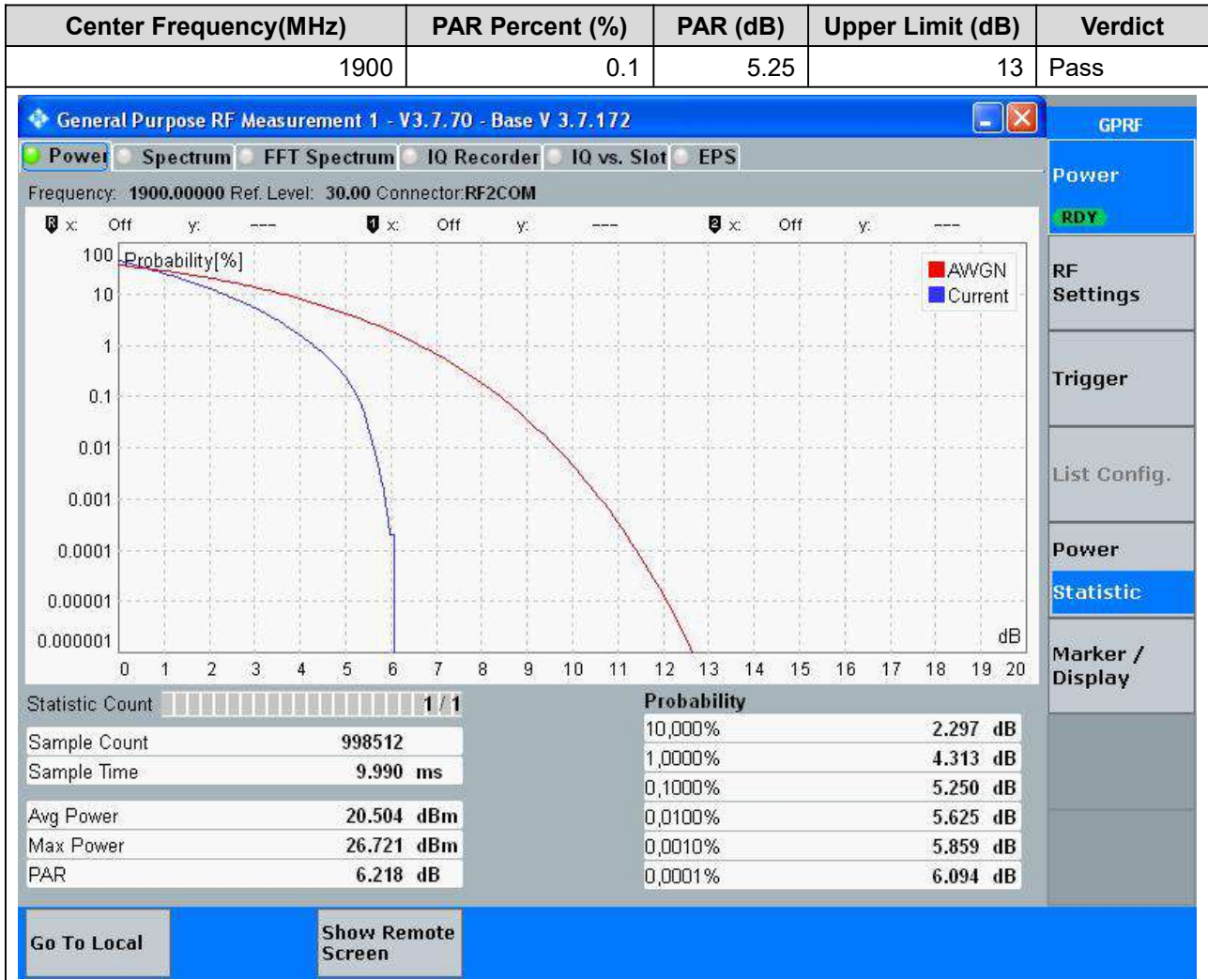
4.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



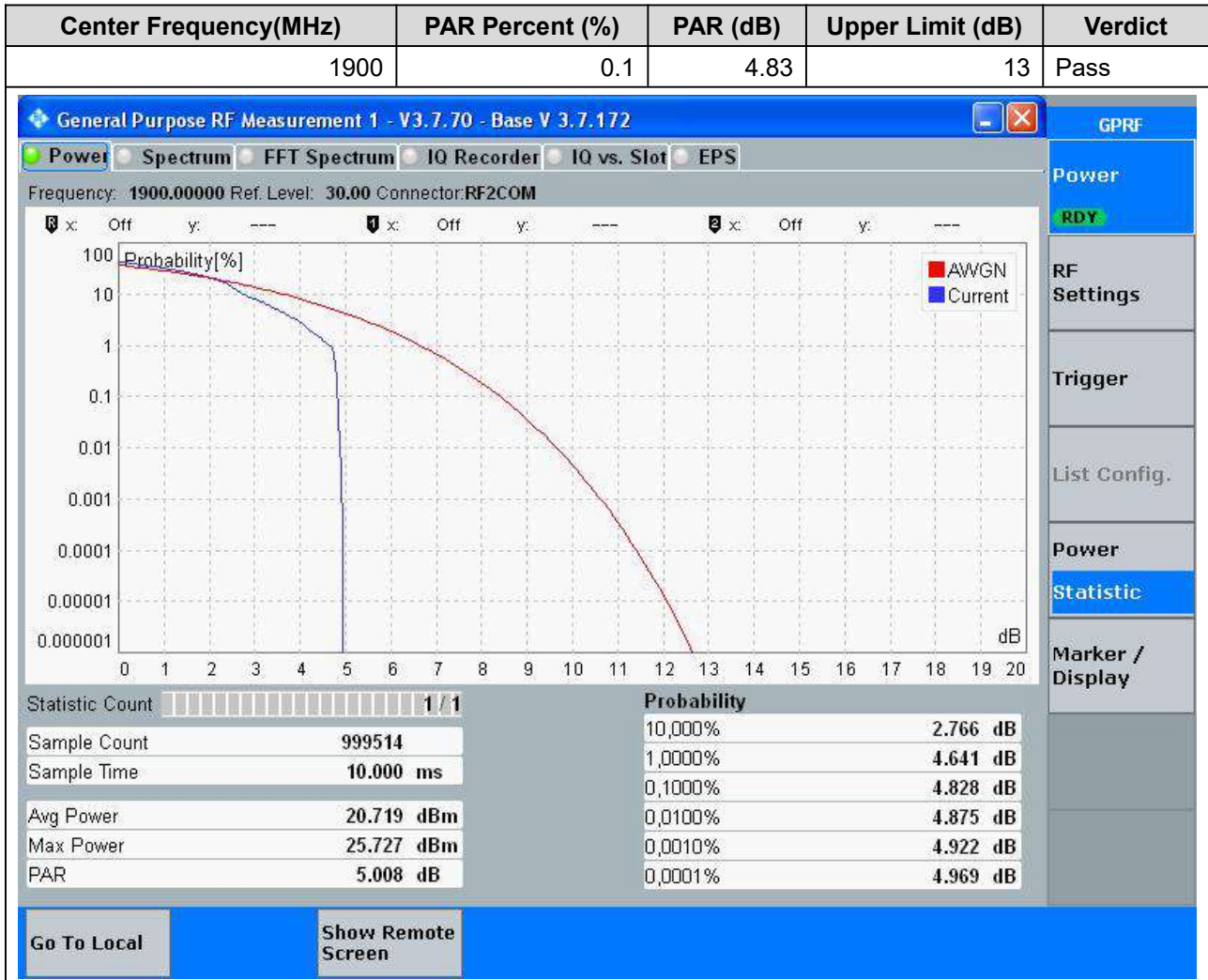
4.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



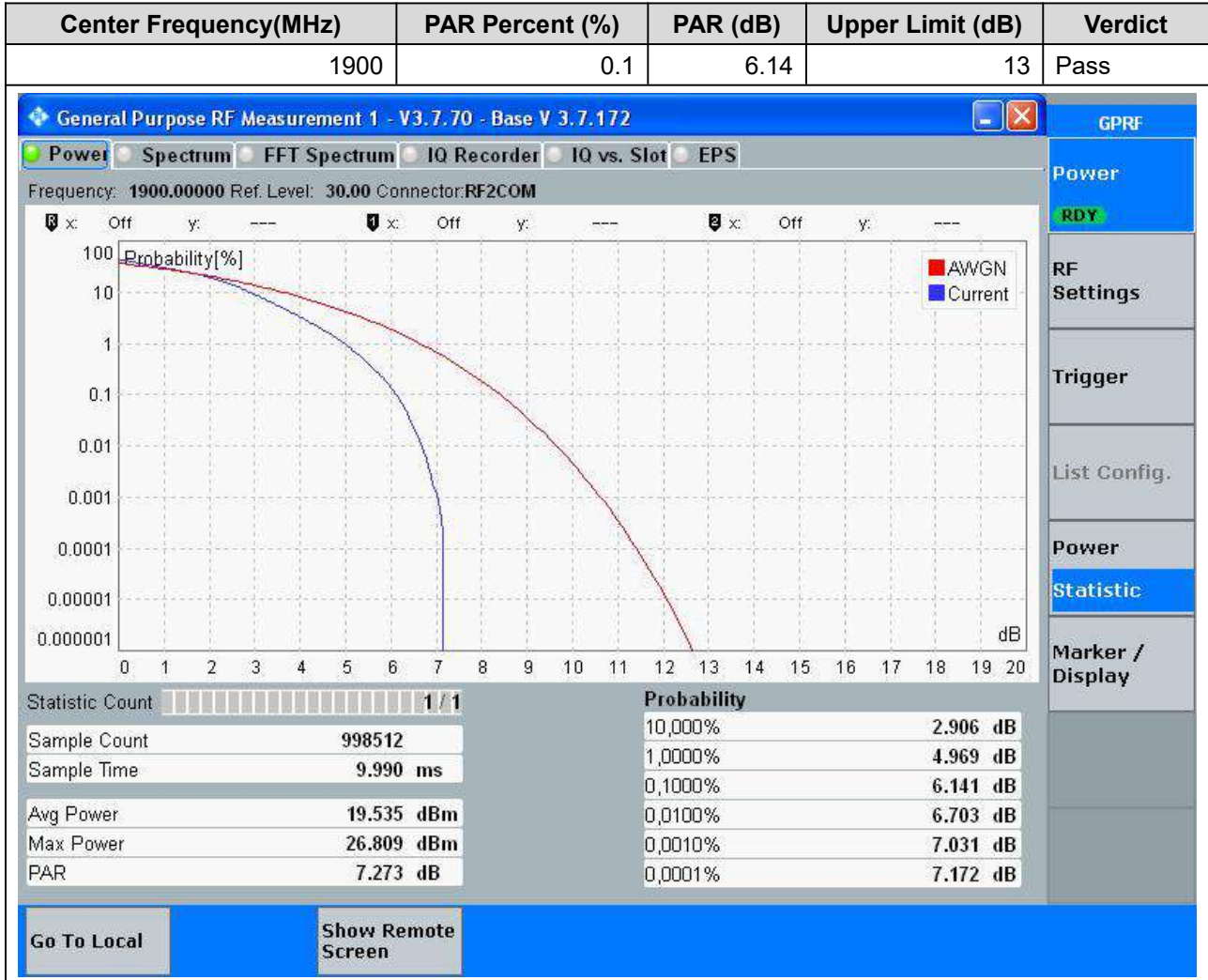
4.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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

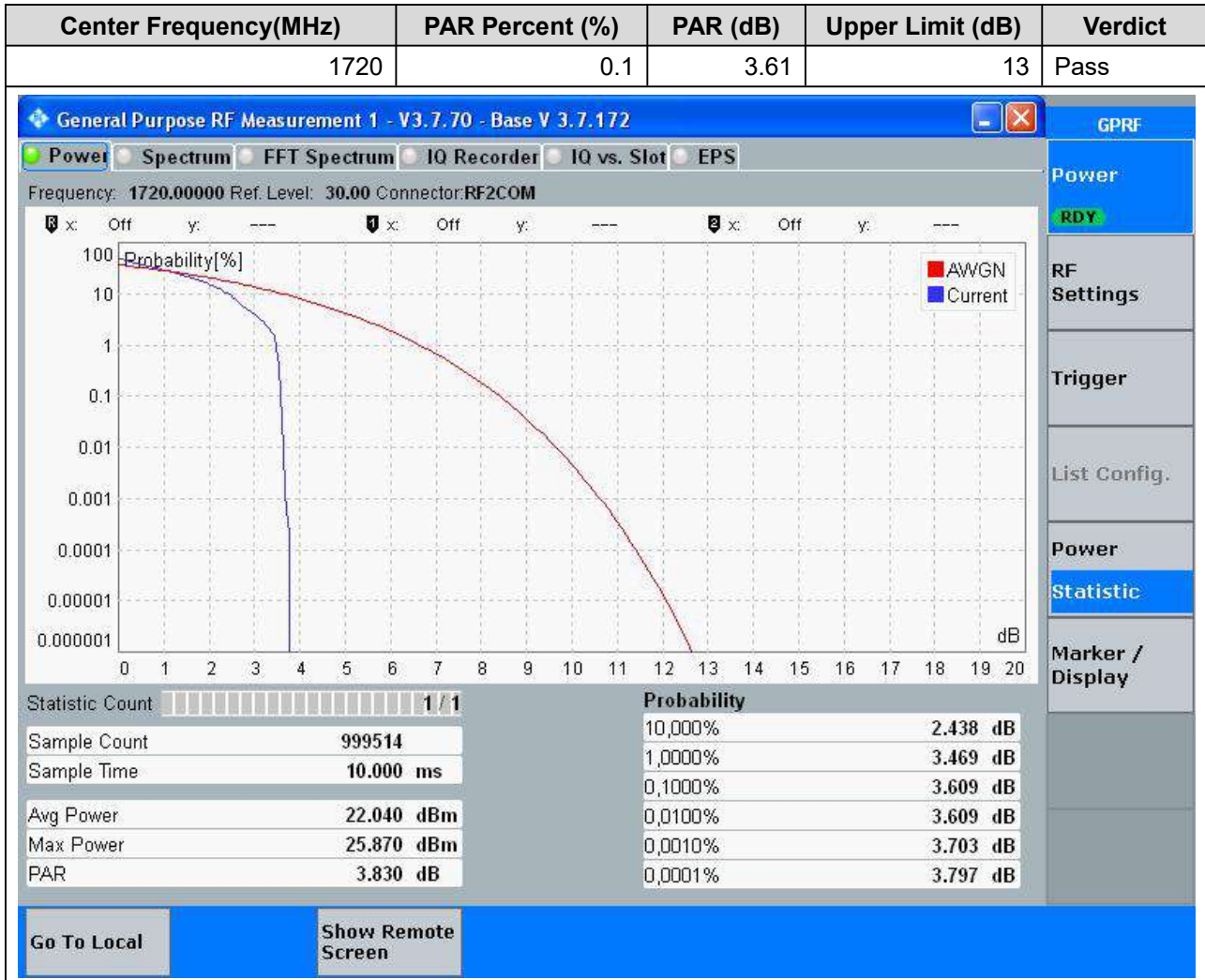


4.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

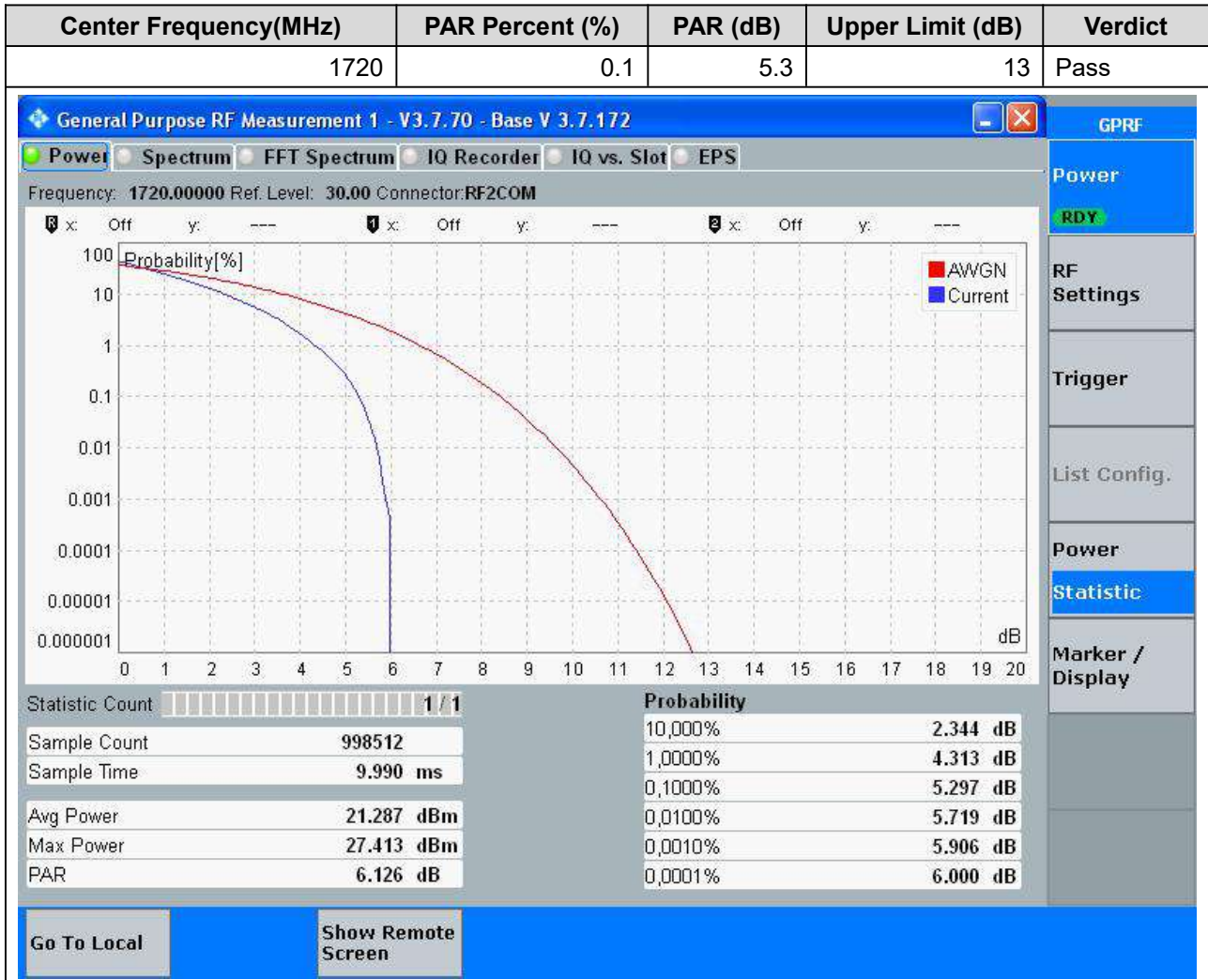


5. LTE_Band4

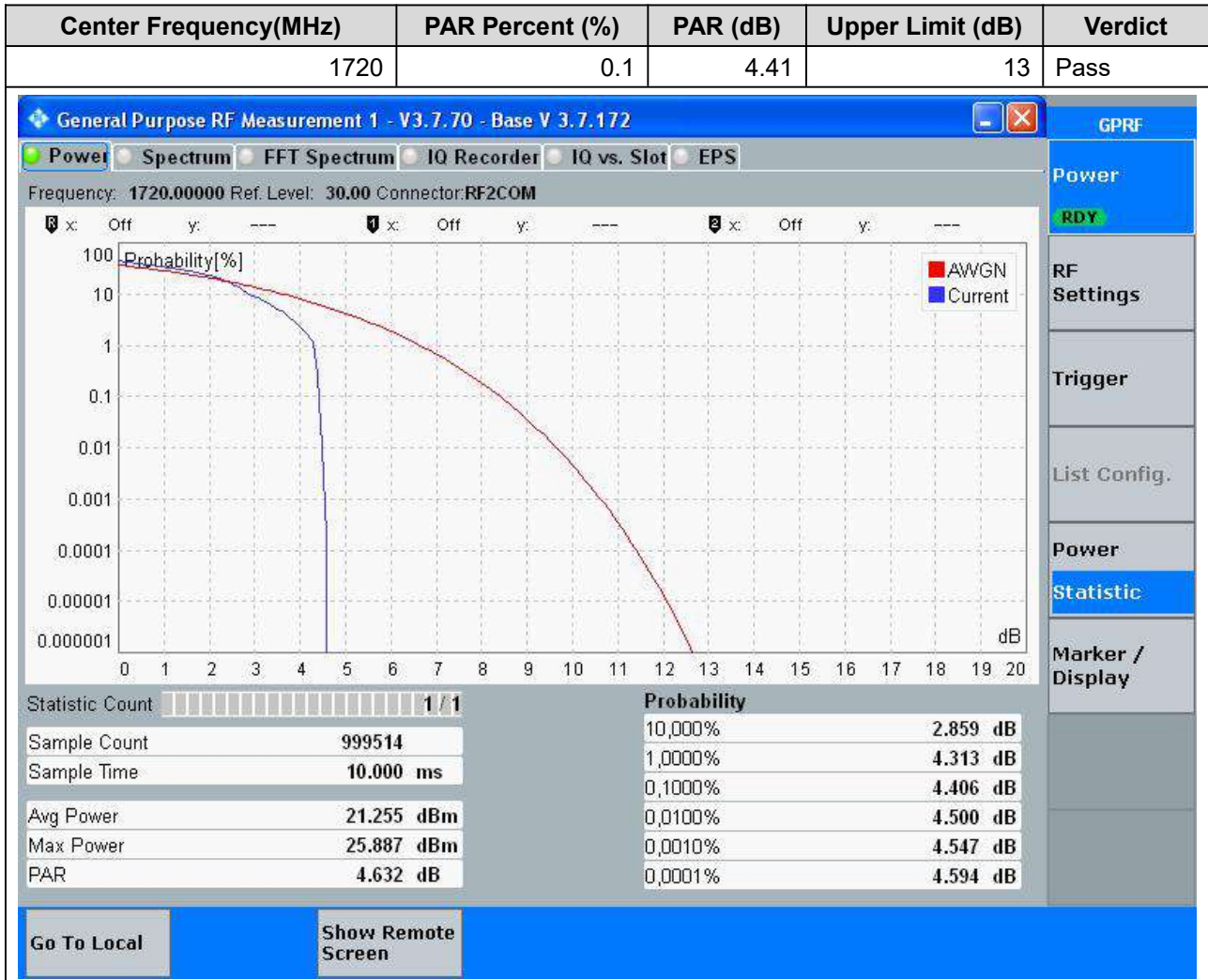
5.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



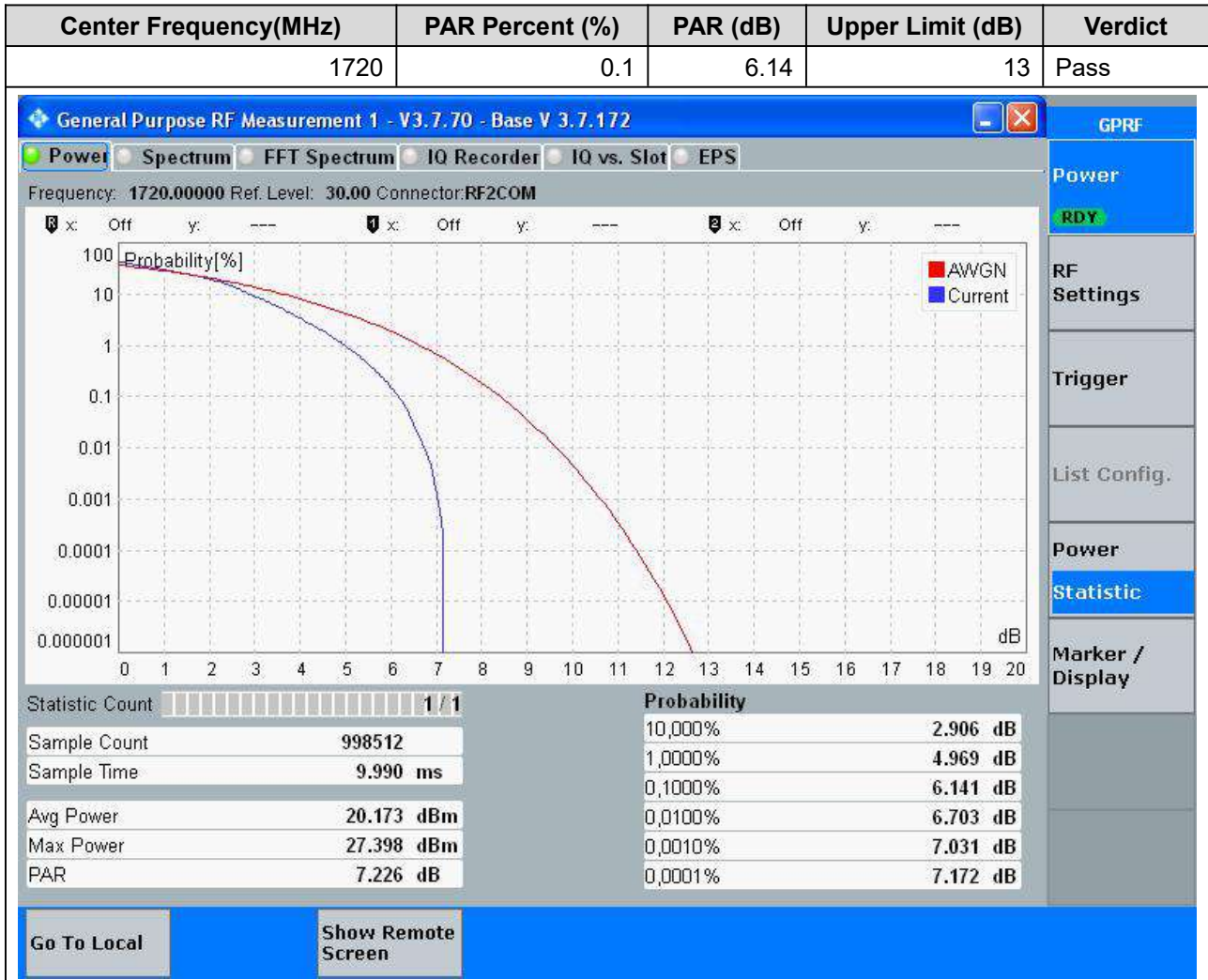
5.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



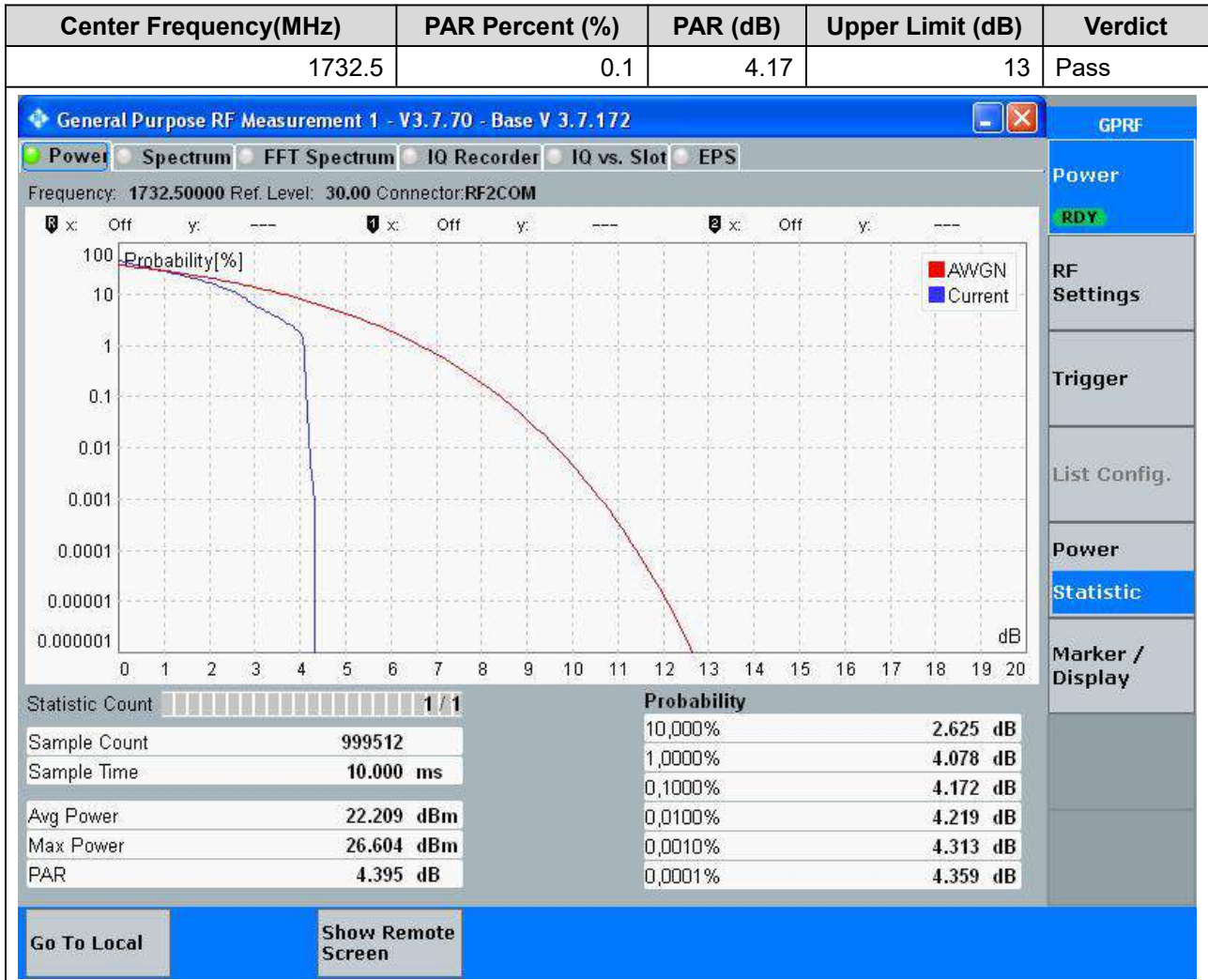
5.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



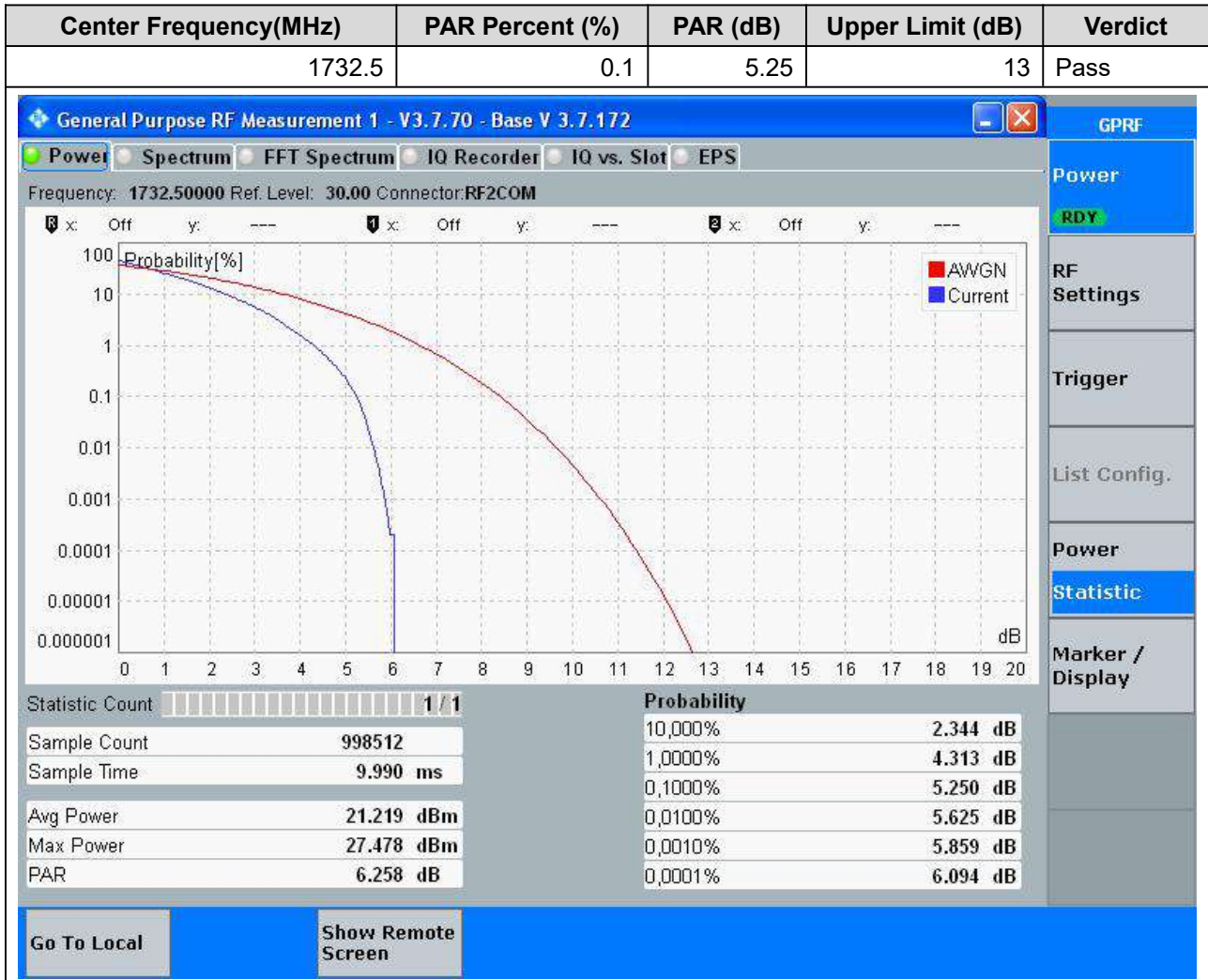
5.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



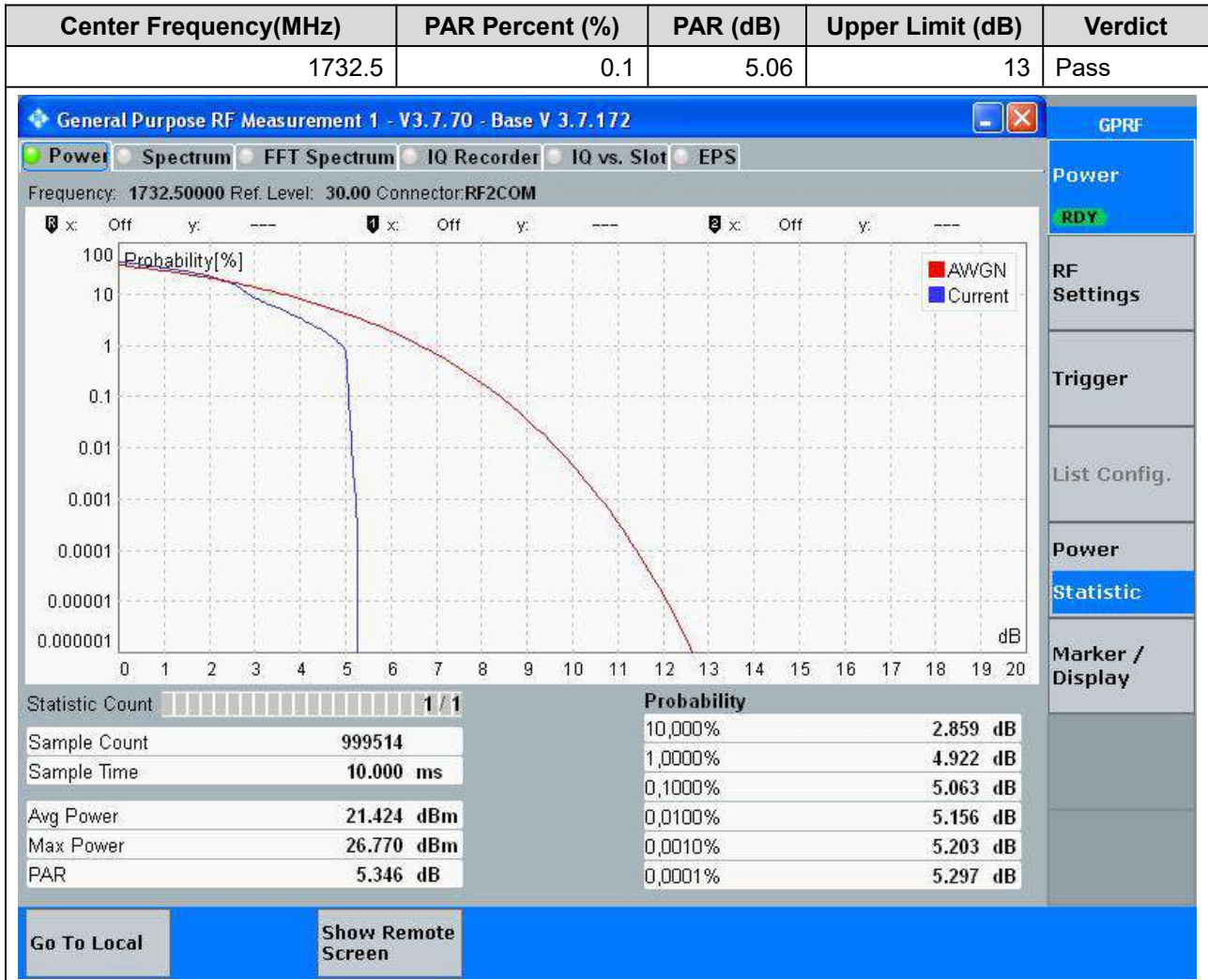
5.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



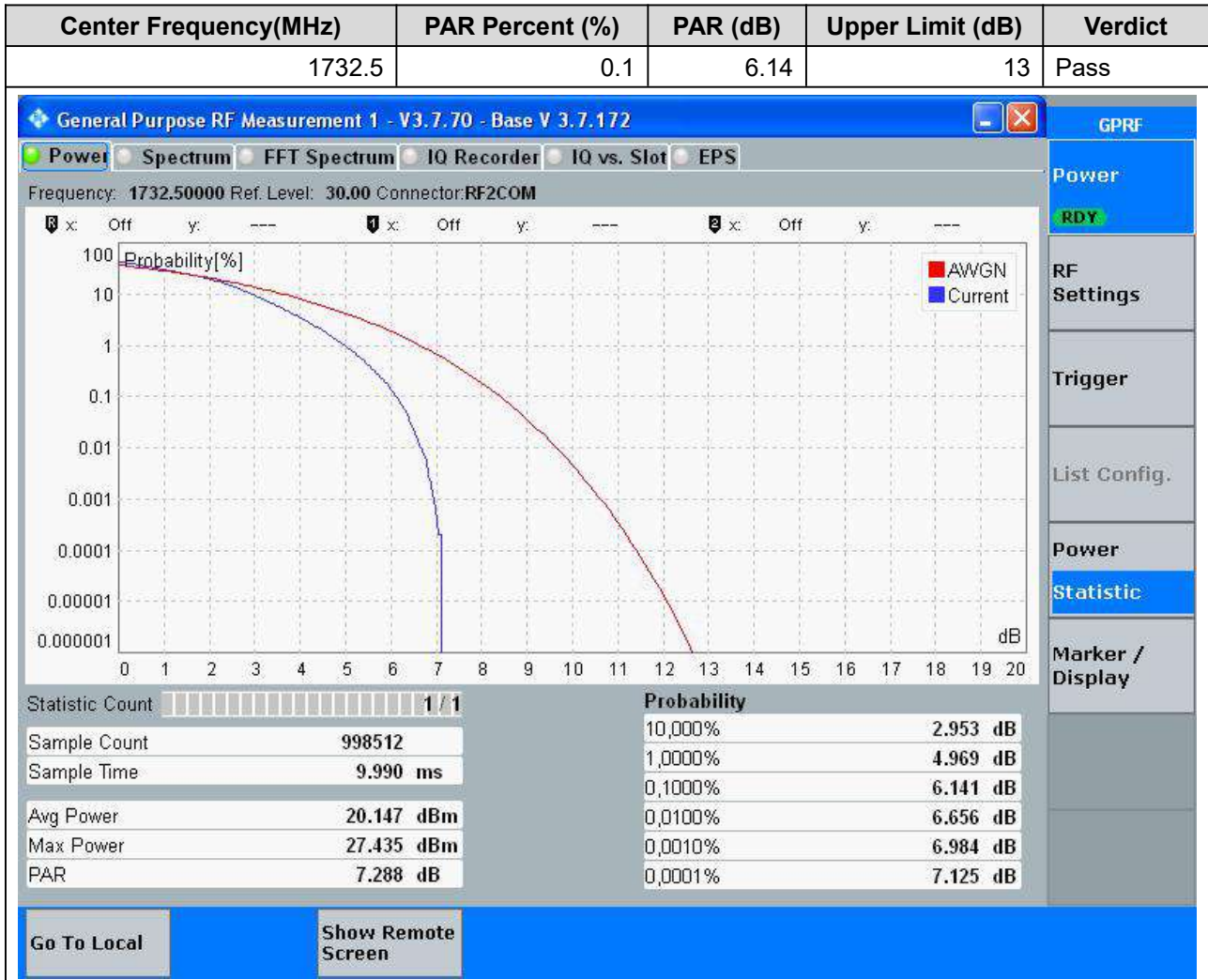
5.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



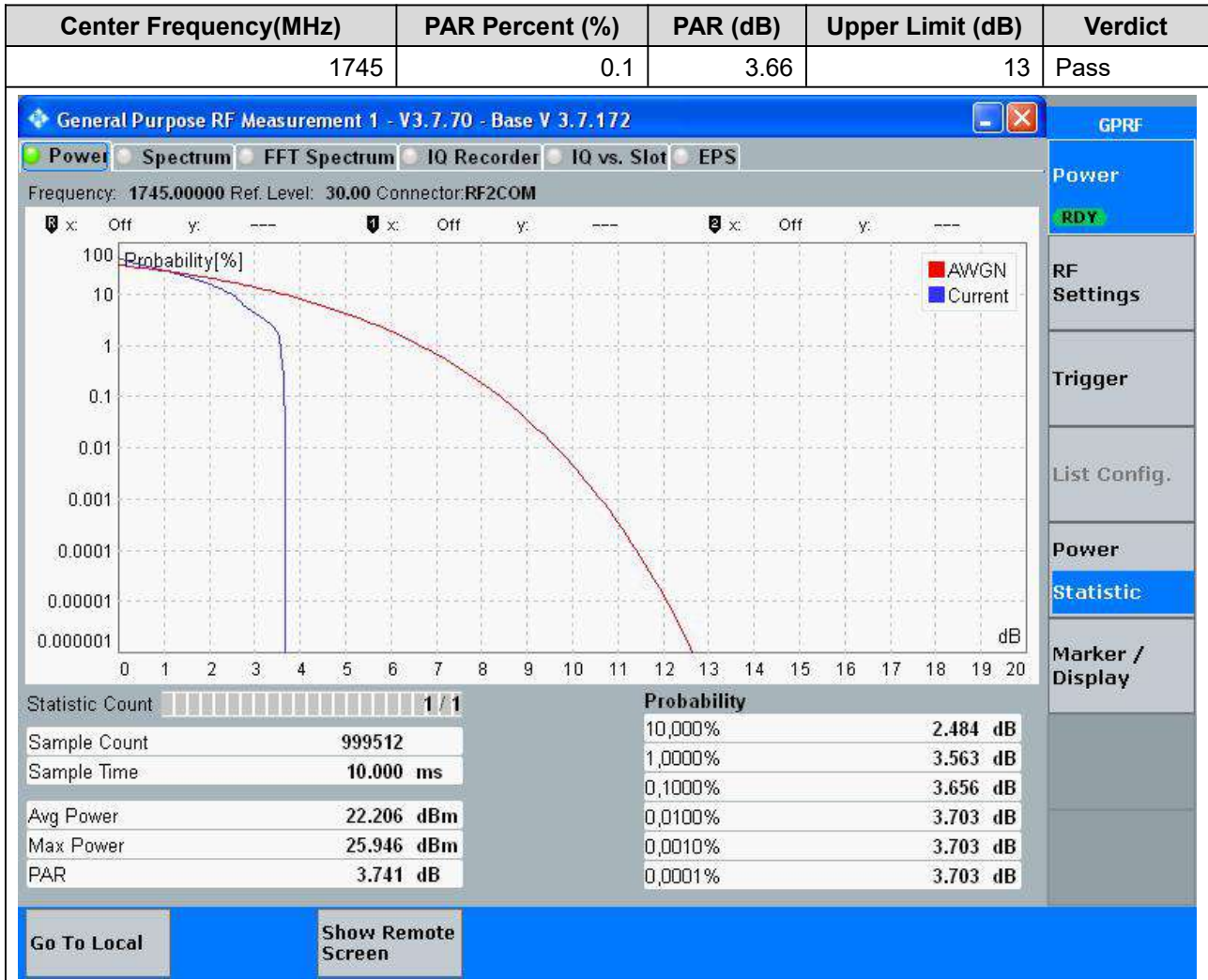
5.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



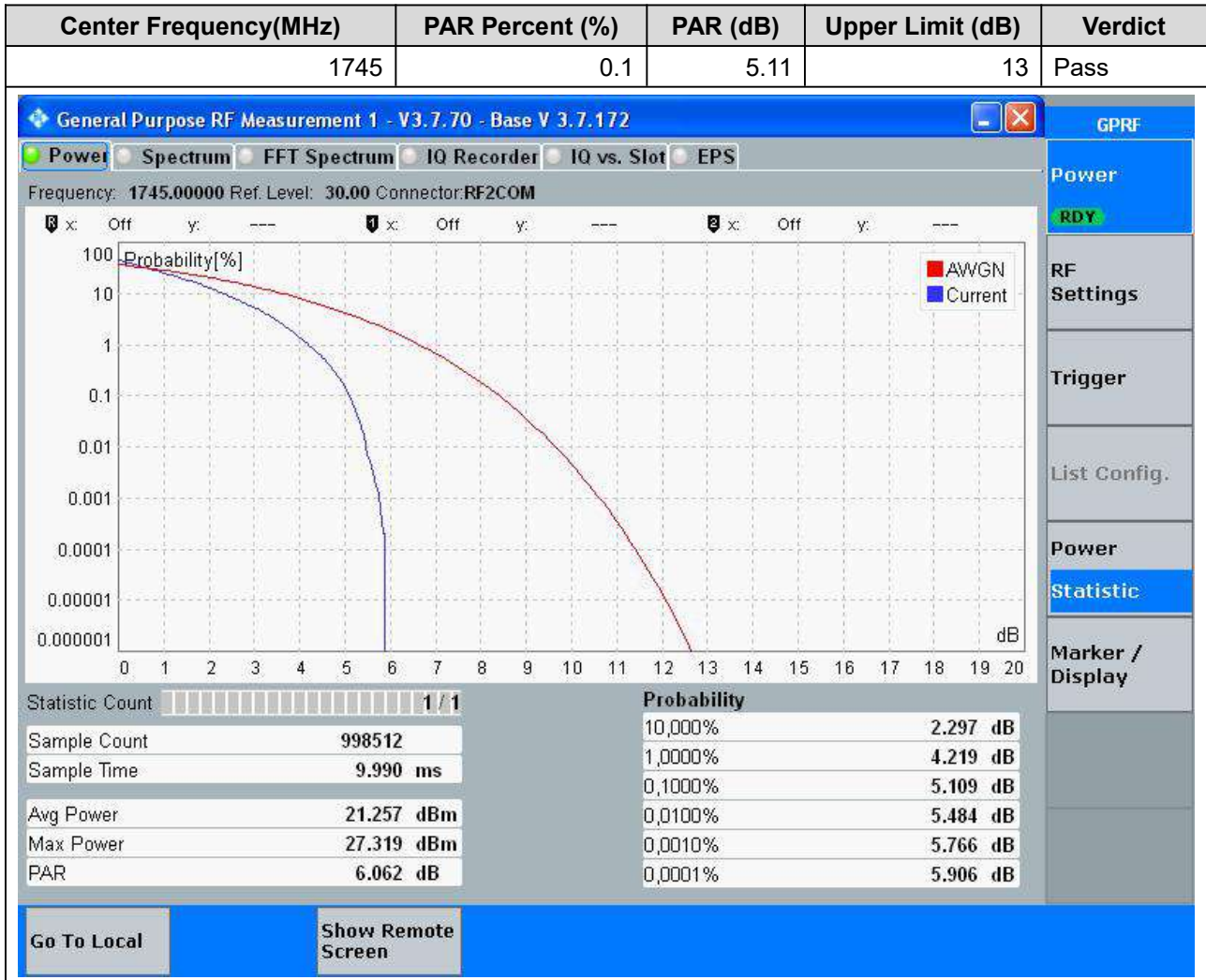
5.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



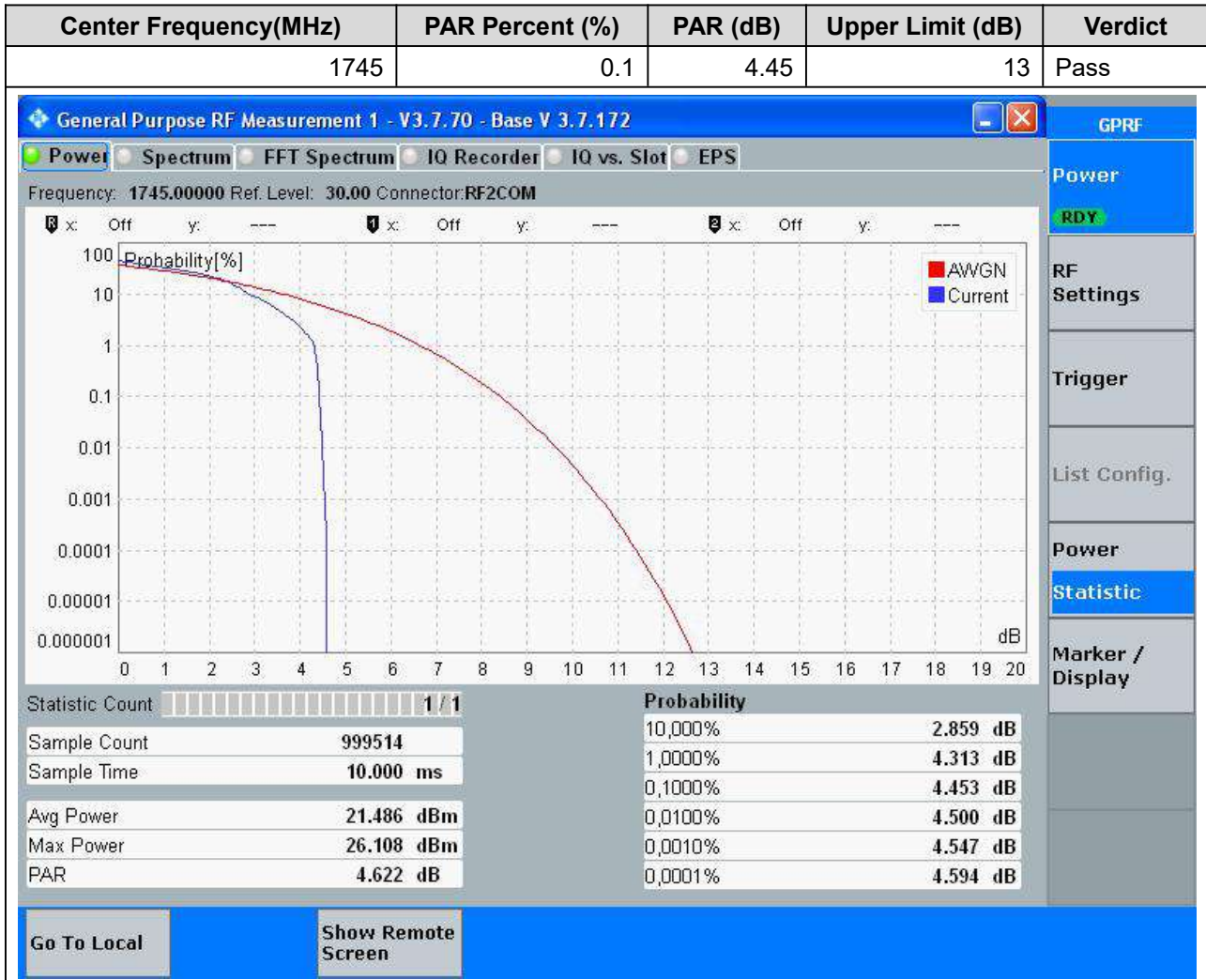
5.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



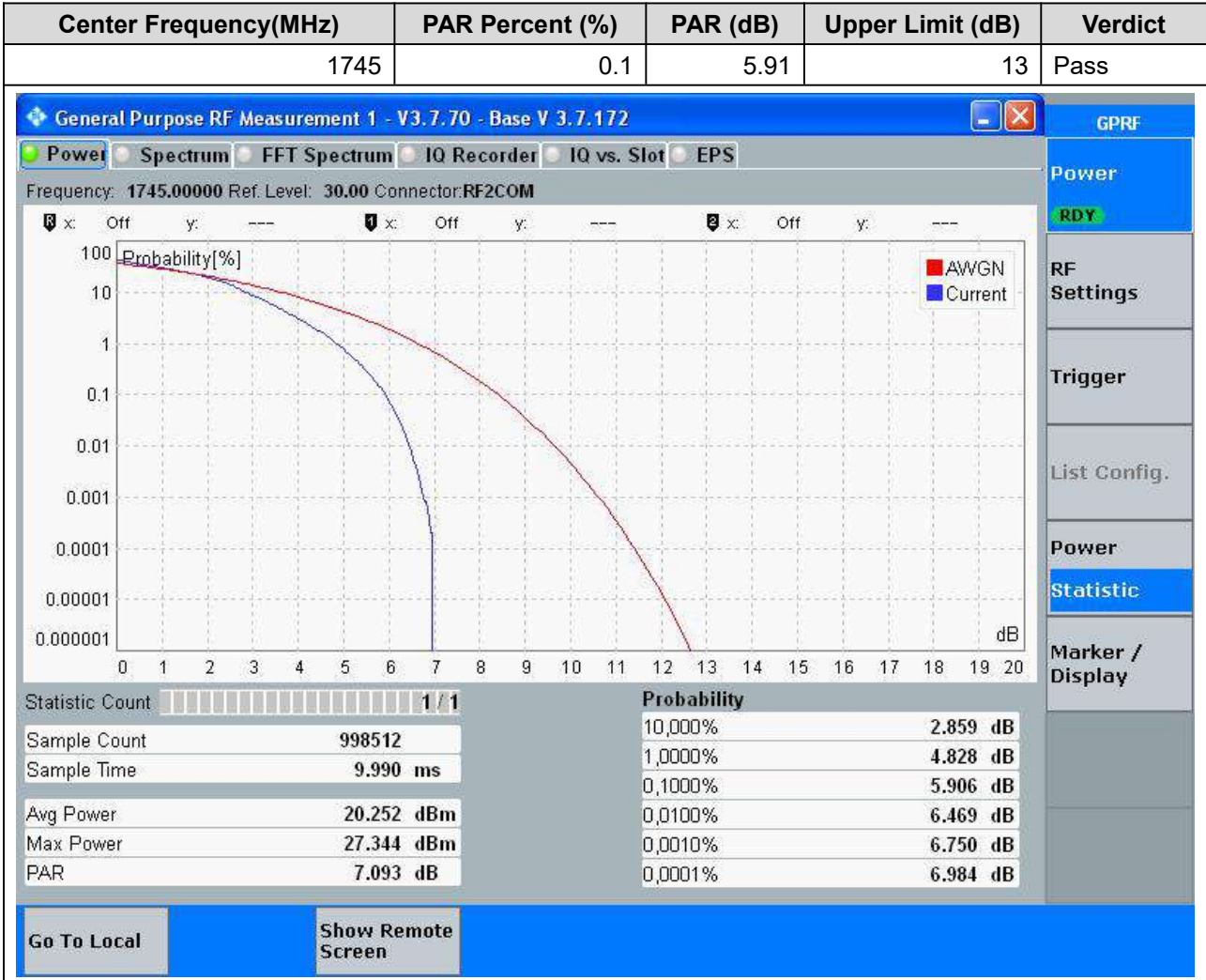
5.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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

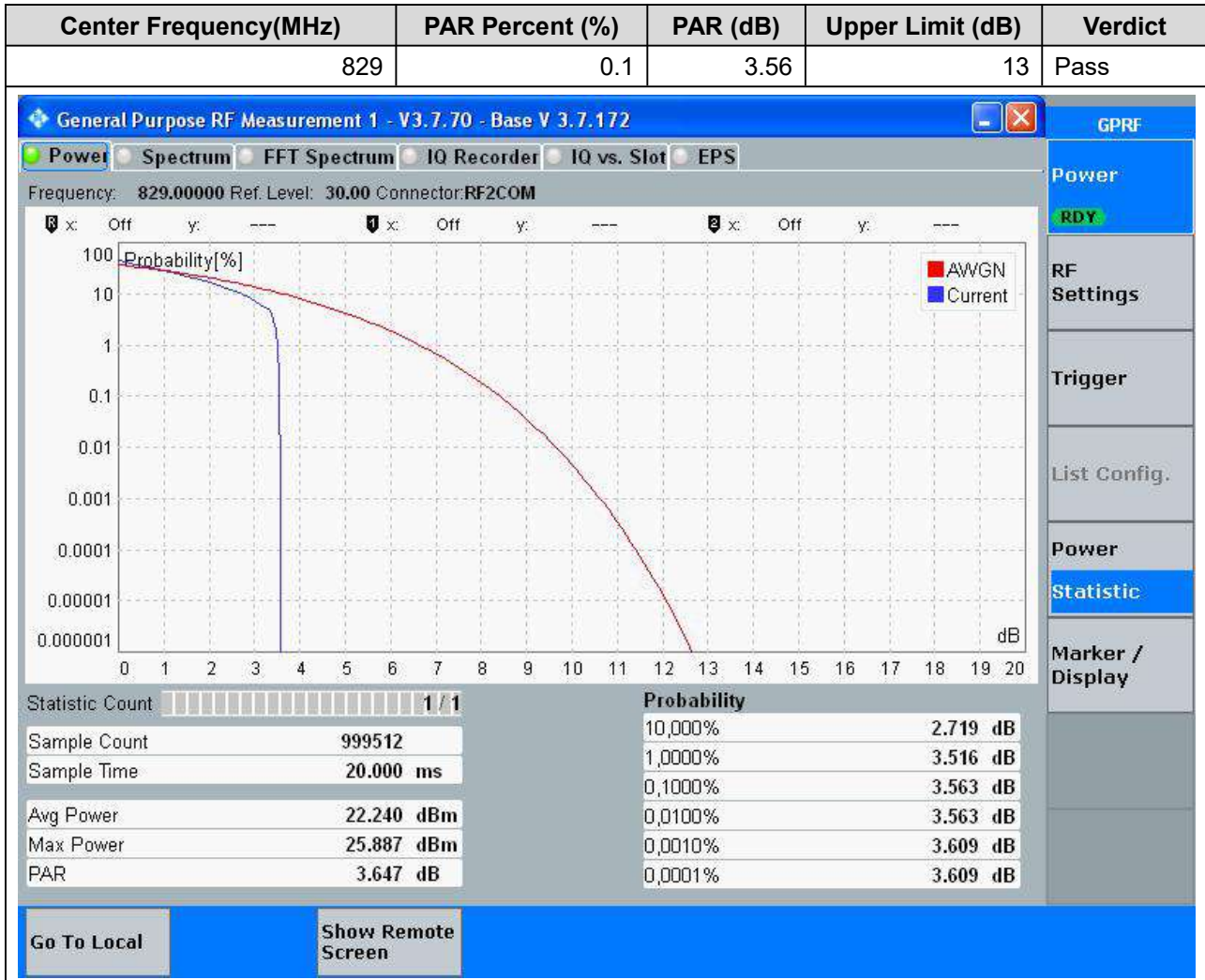


5.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

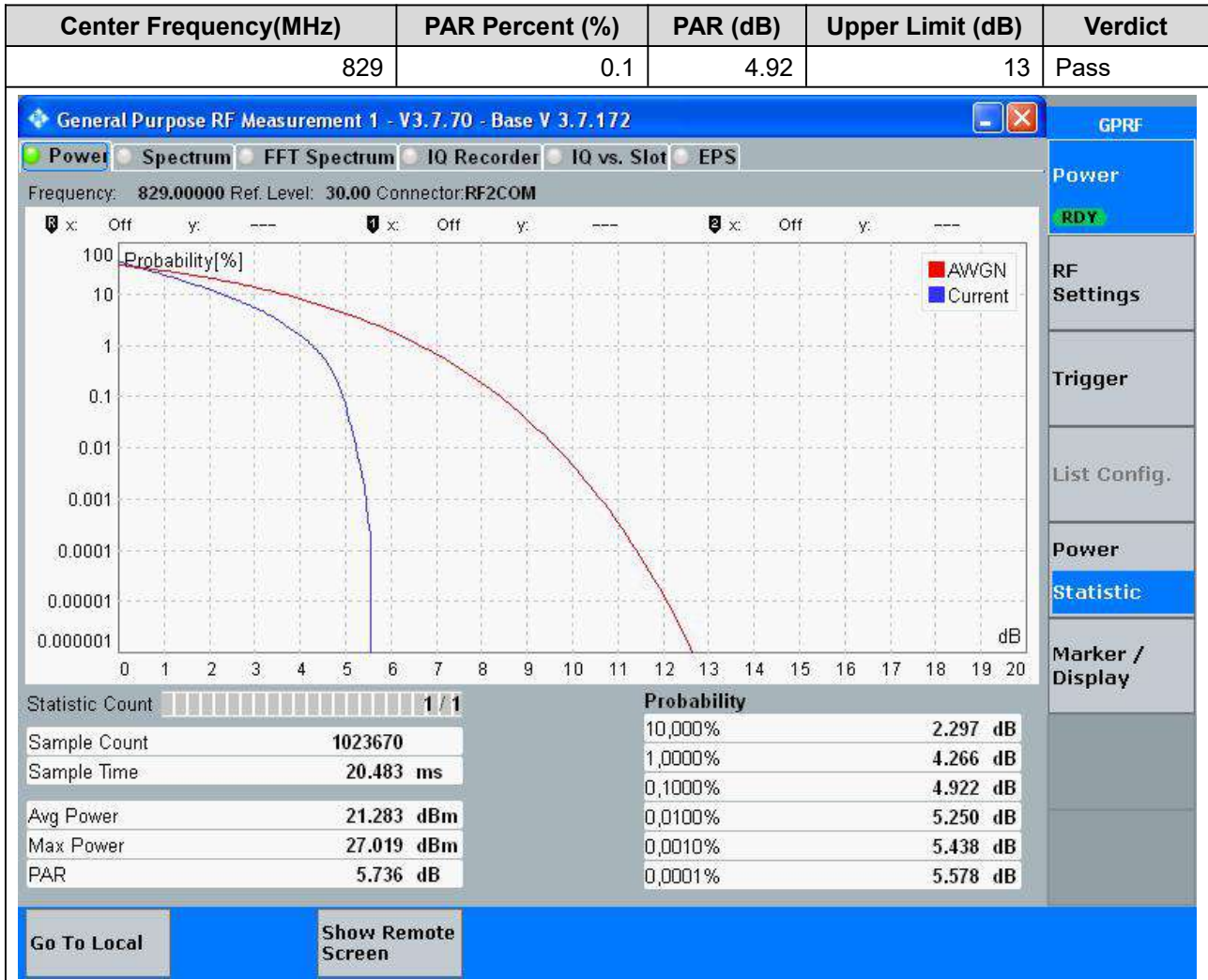


6. LTE_Band5

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



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



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

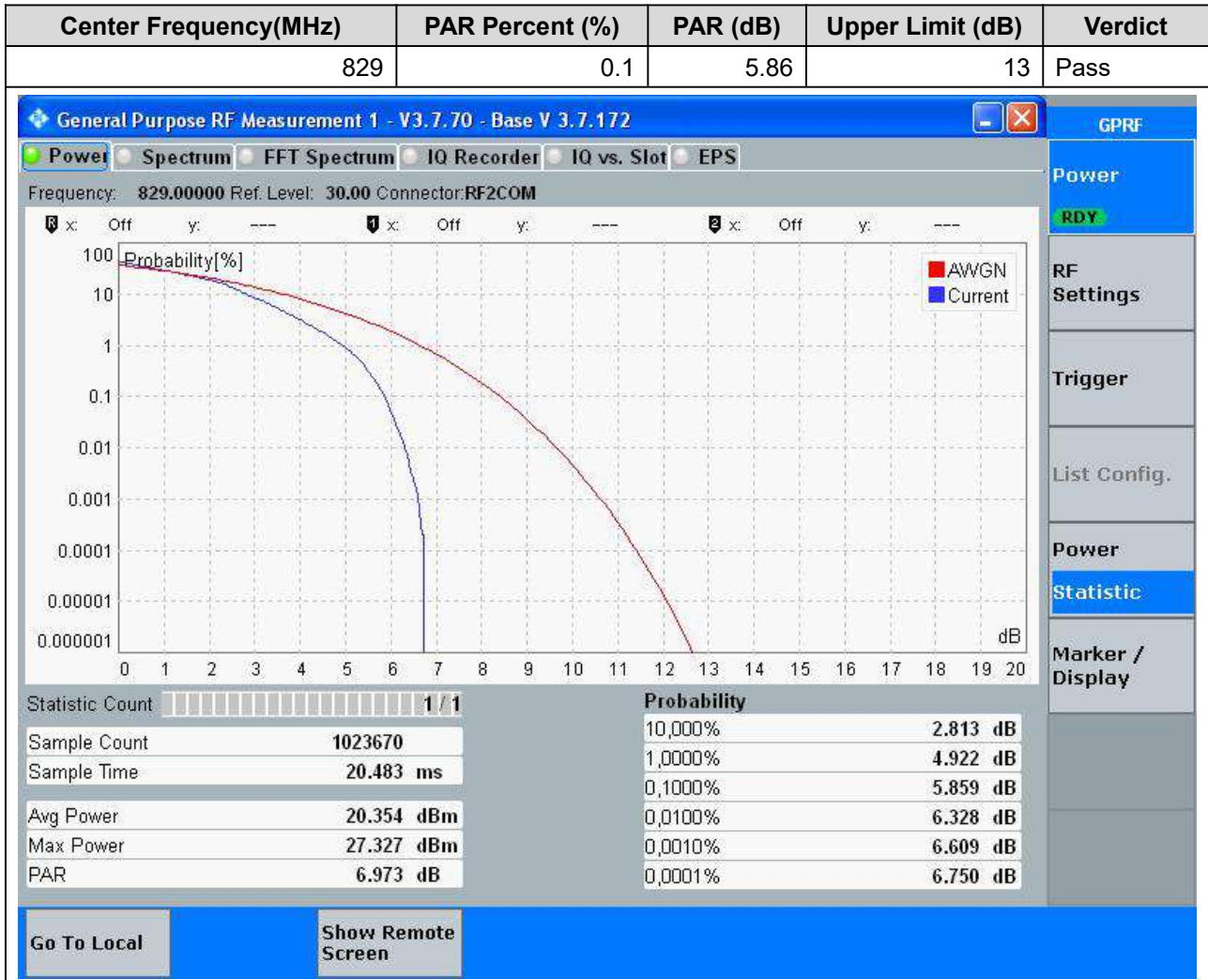
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	4.55	13	Pass

The screenshot displays the 'General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172' 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 4.5 dB, indicating a low PAR. Below the plot, a statistics table provides the following data:

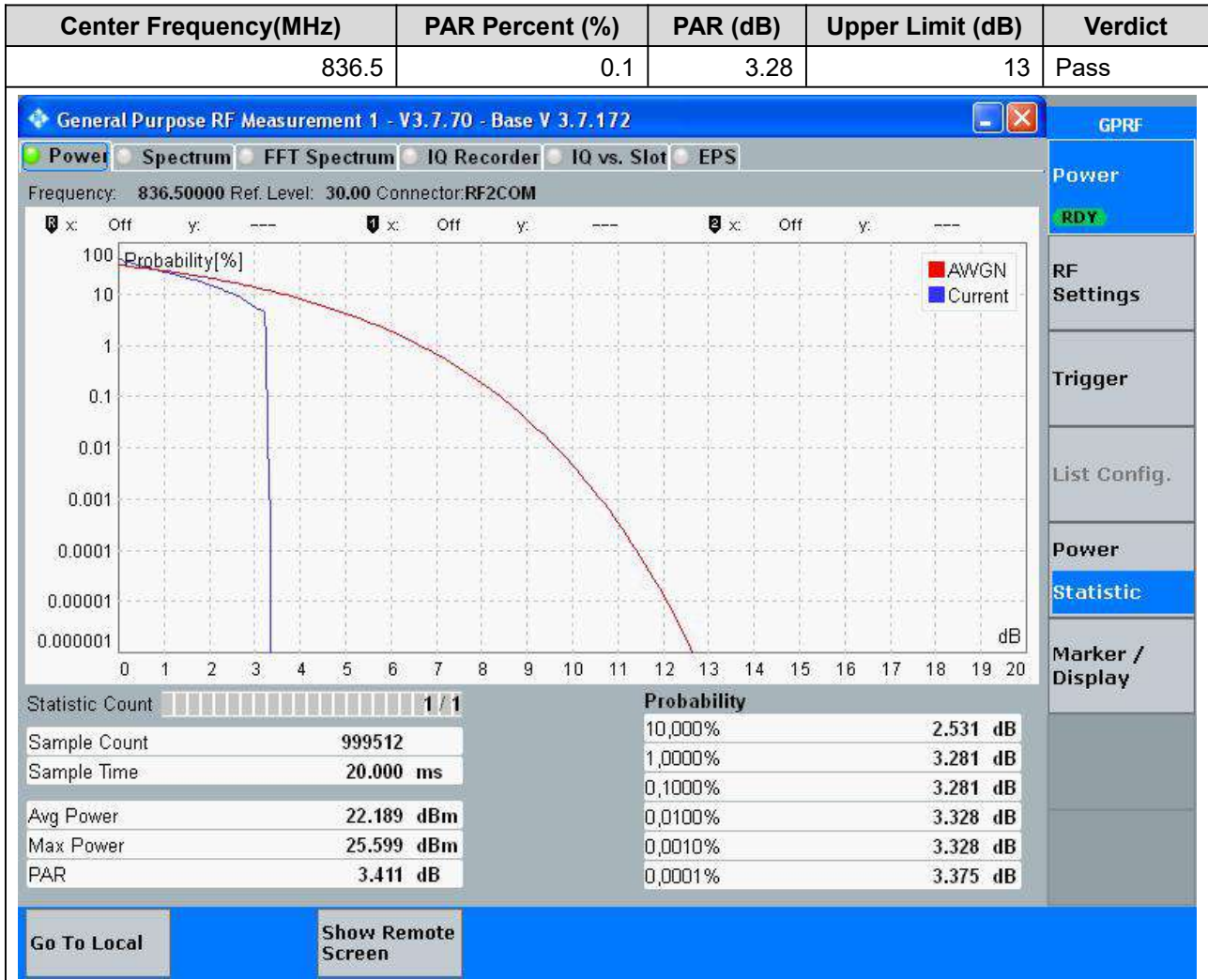
Statistic	Value	Probability	Value (dB)
Sample Count	999512	10,000%	2.953
Sample Time	20.000 ms	1,0000%	4.453
Avg Power	21.361 dBm	0,1000%	4.547
Max Power	26.008 dBm	0,0100%	4.594
PAR	4.647 dB	0,0001%	4.641

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 various control panels like 'GPRF', 'Power RDY', 'RF Settings', 'Trigger', 'List Config.', 'Power Statistic', and 'Marker / Display'.

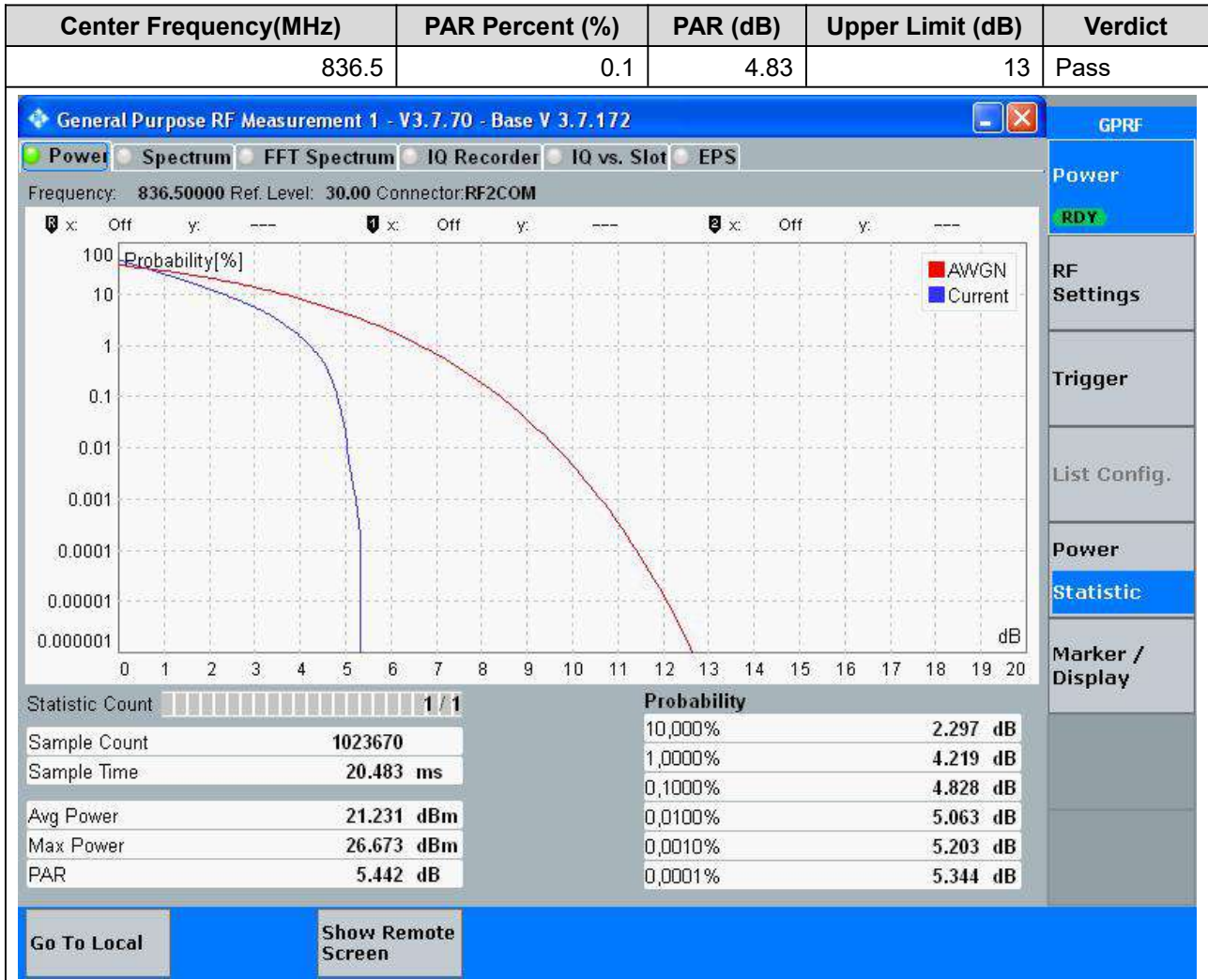
6.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



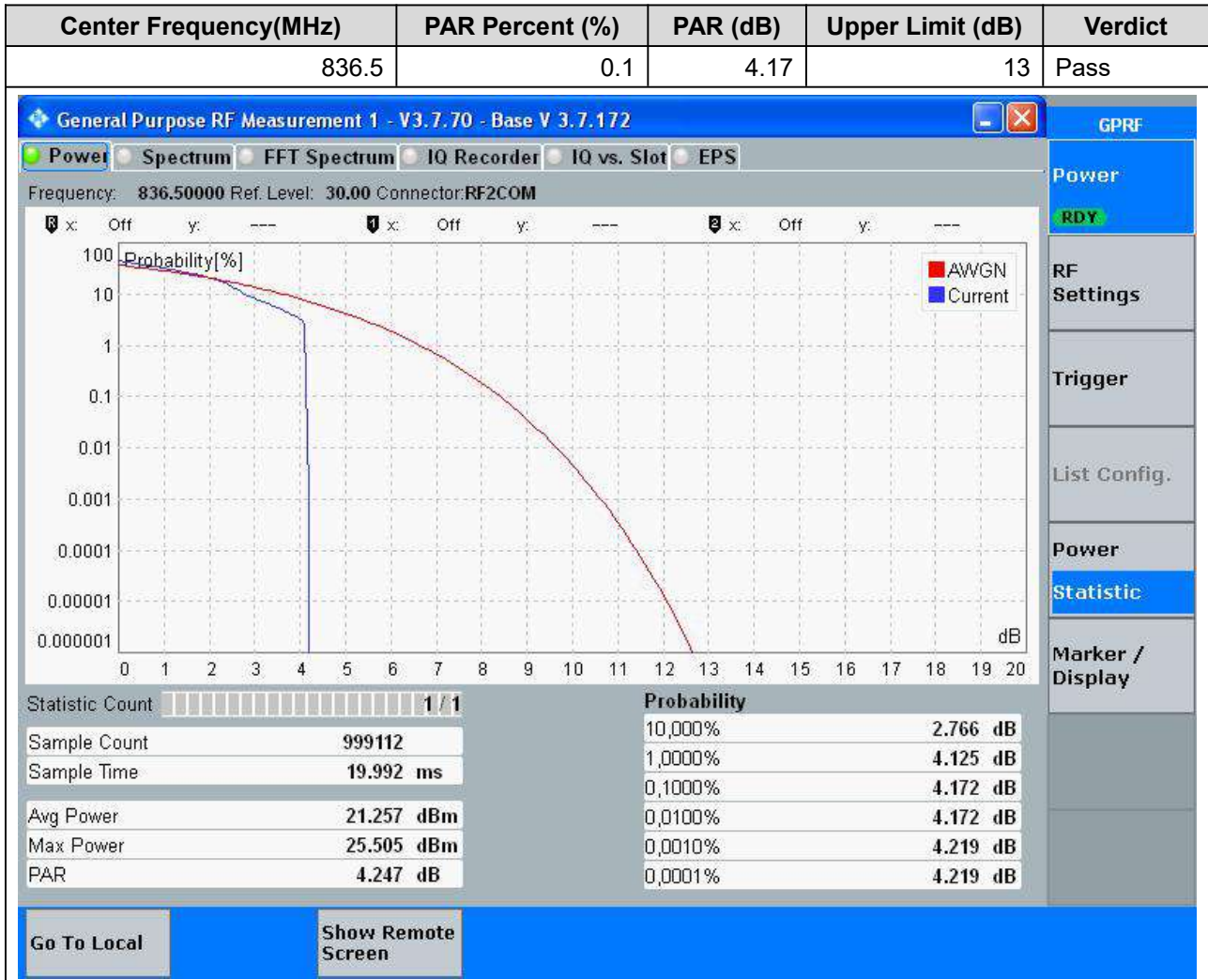
6.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



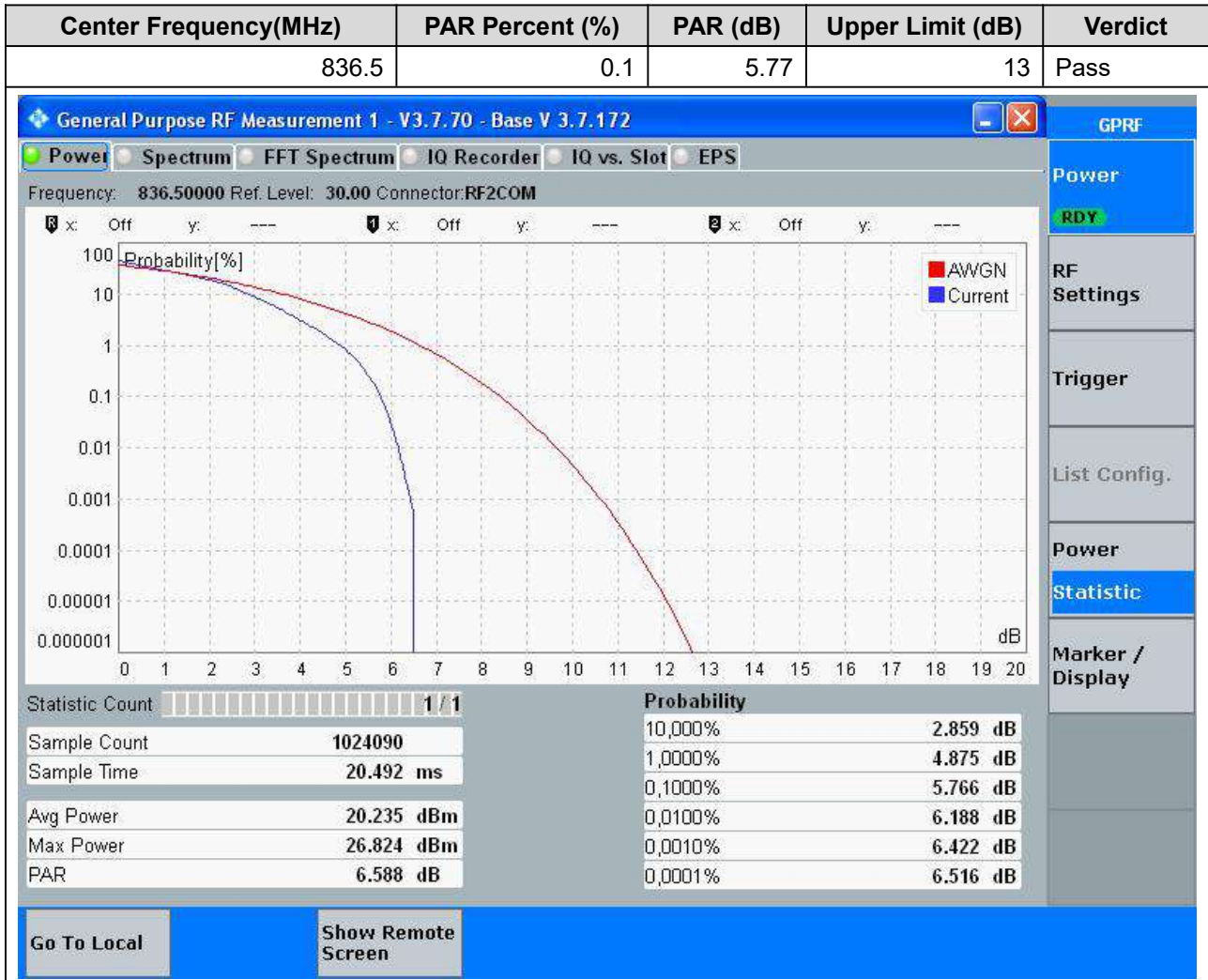
6.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



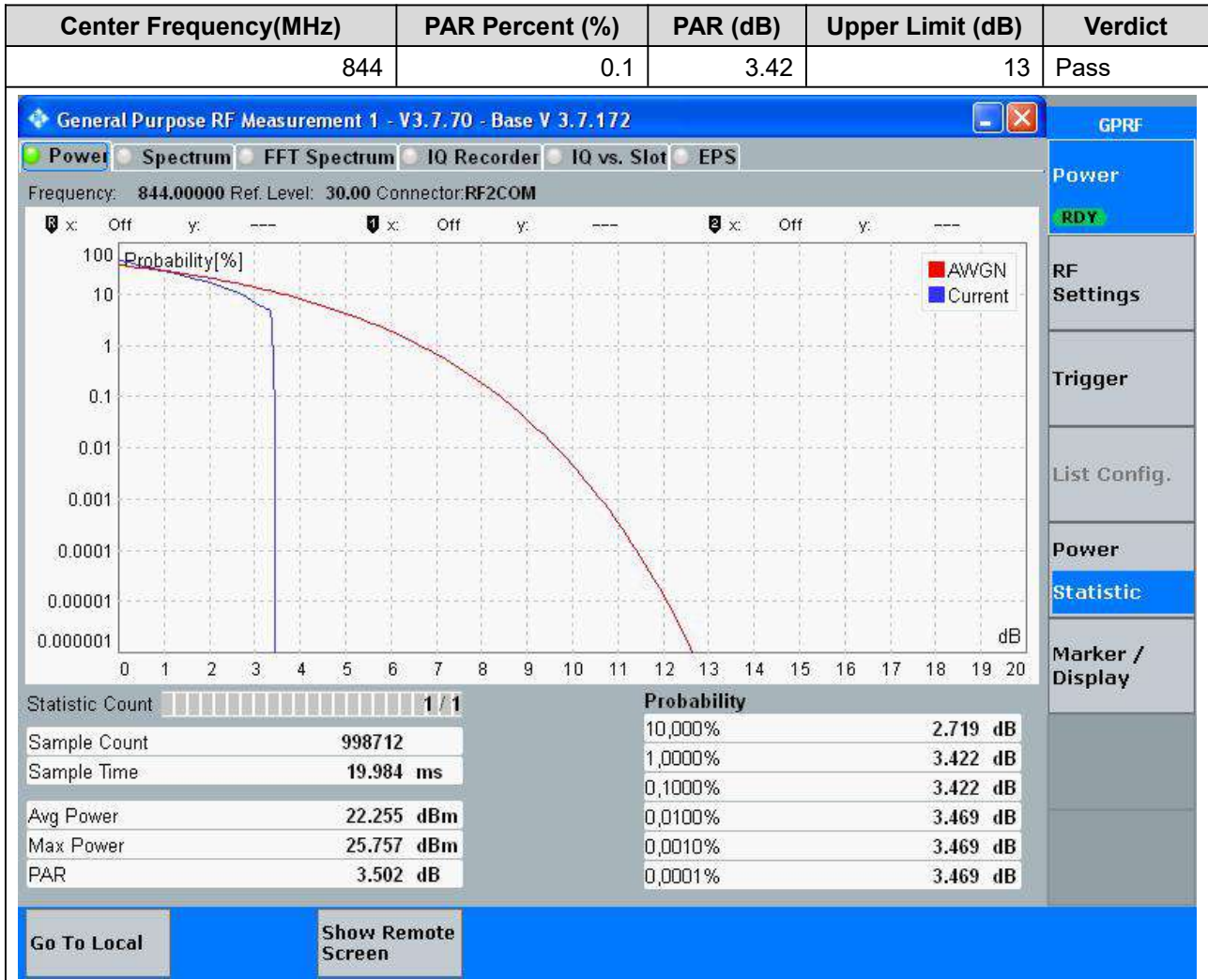
6.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



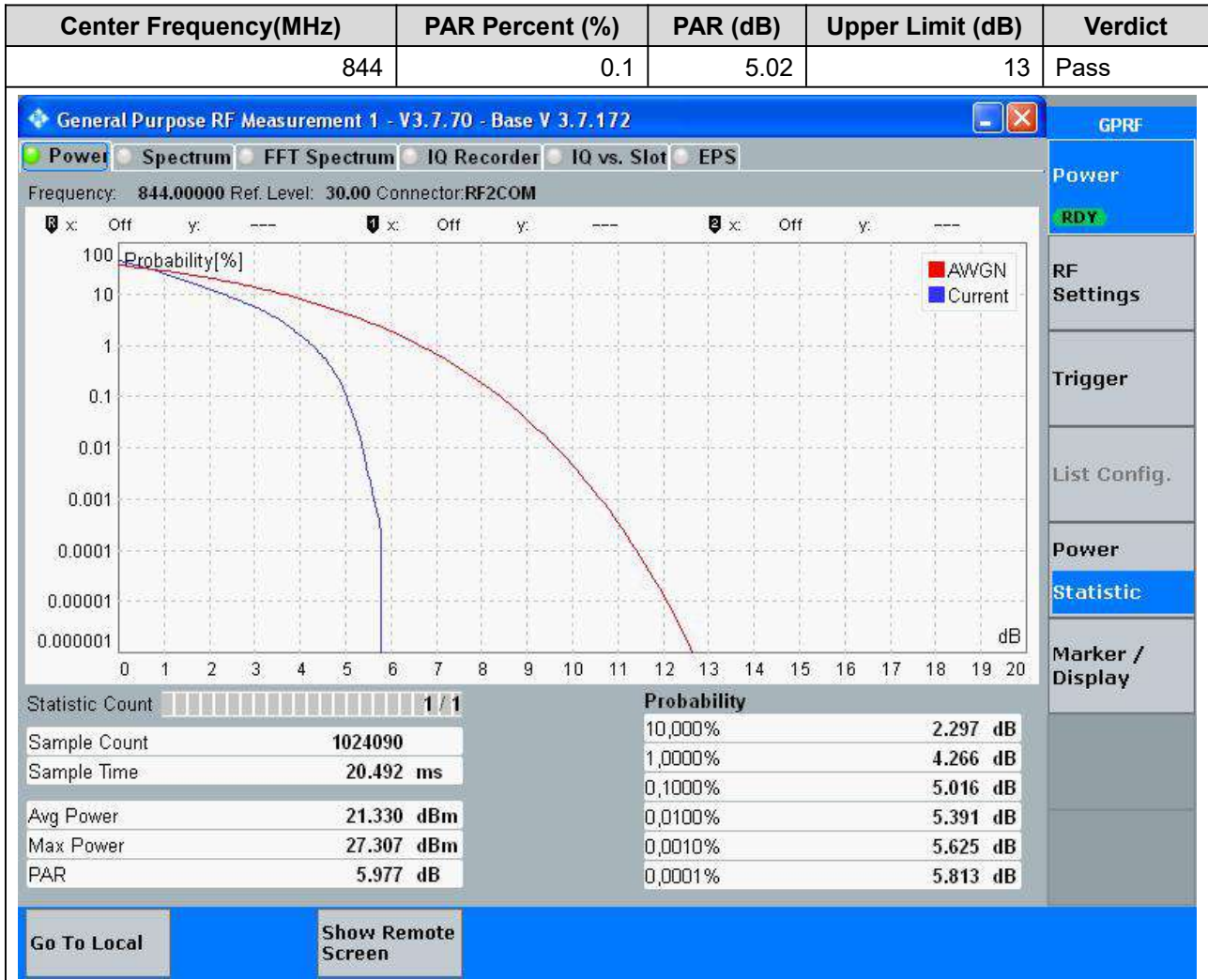
6.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



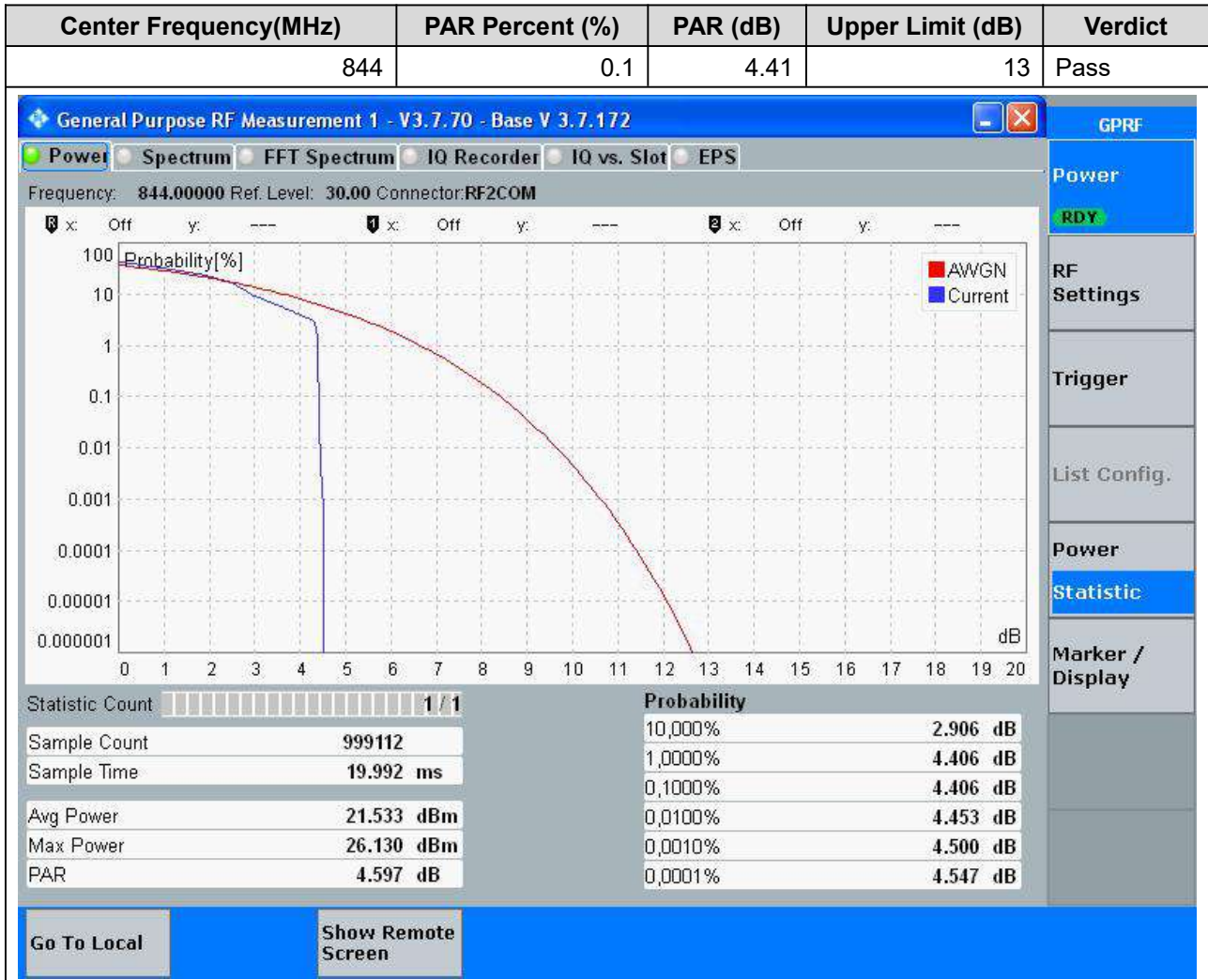
6.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



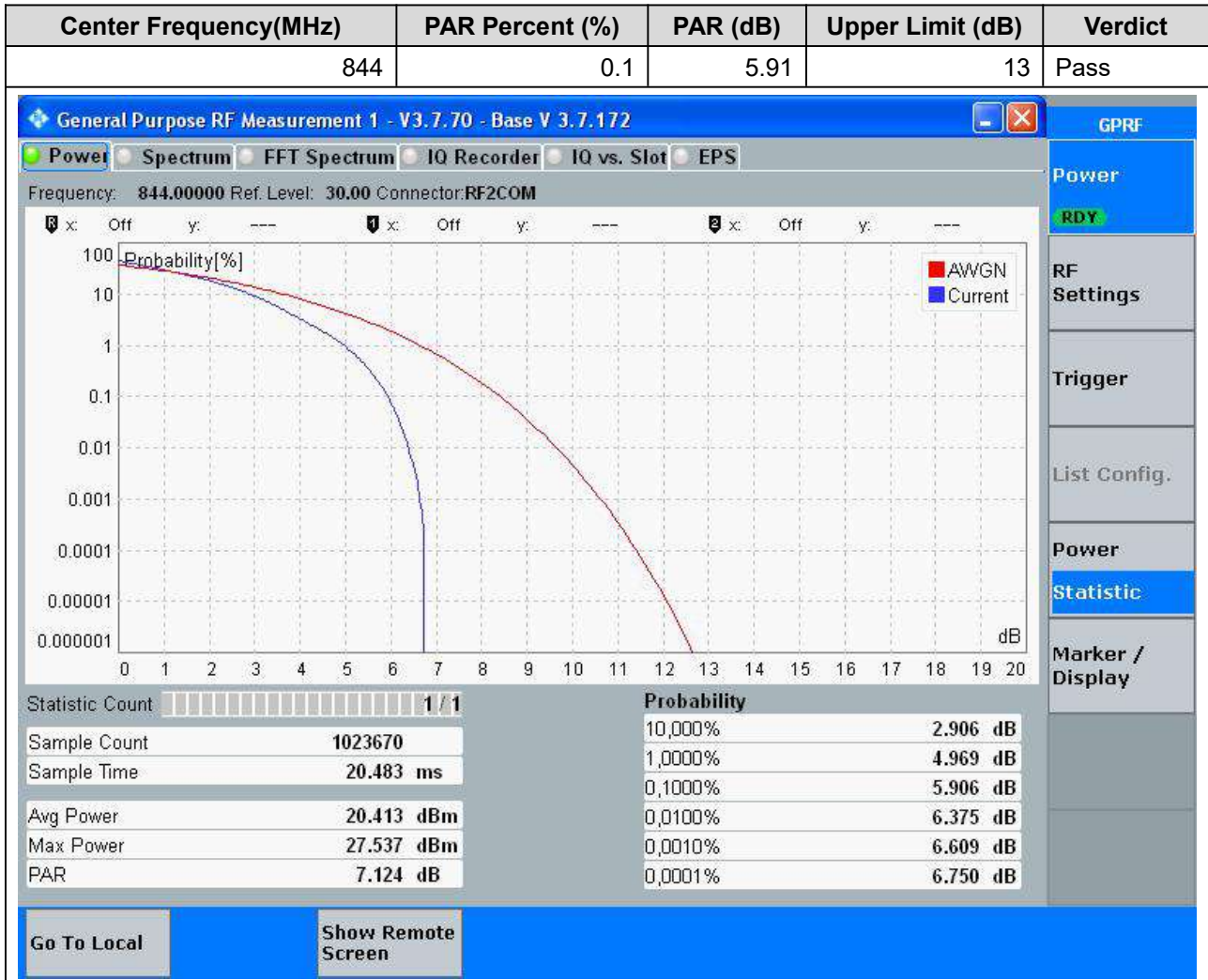
6.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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

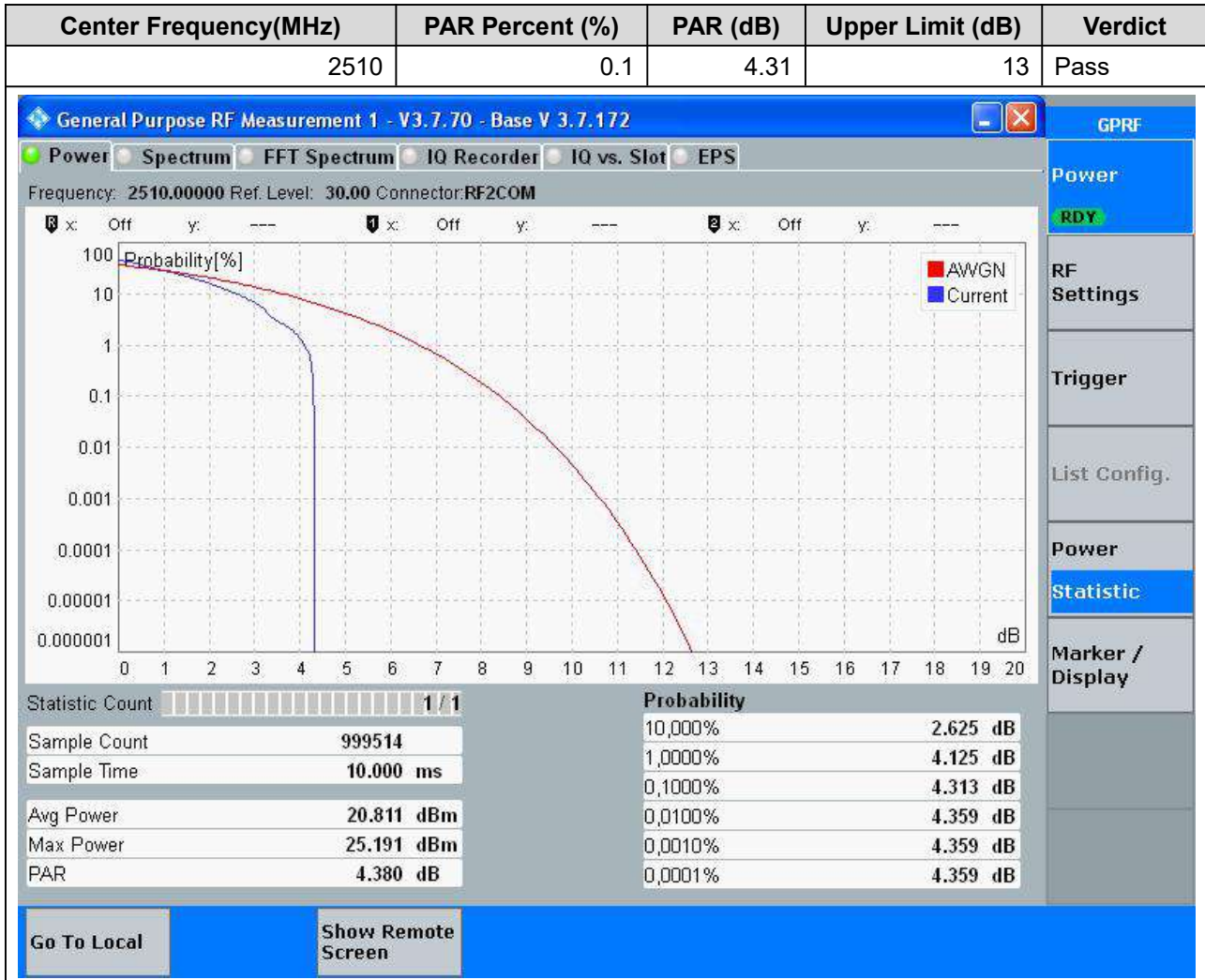


6.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



7. LTE_Band7

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



7.2. LTE Peak to Average Ratio(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	5.06	13	Pass

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

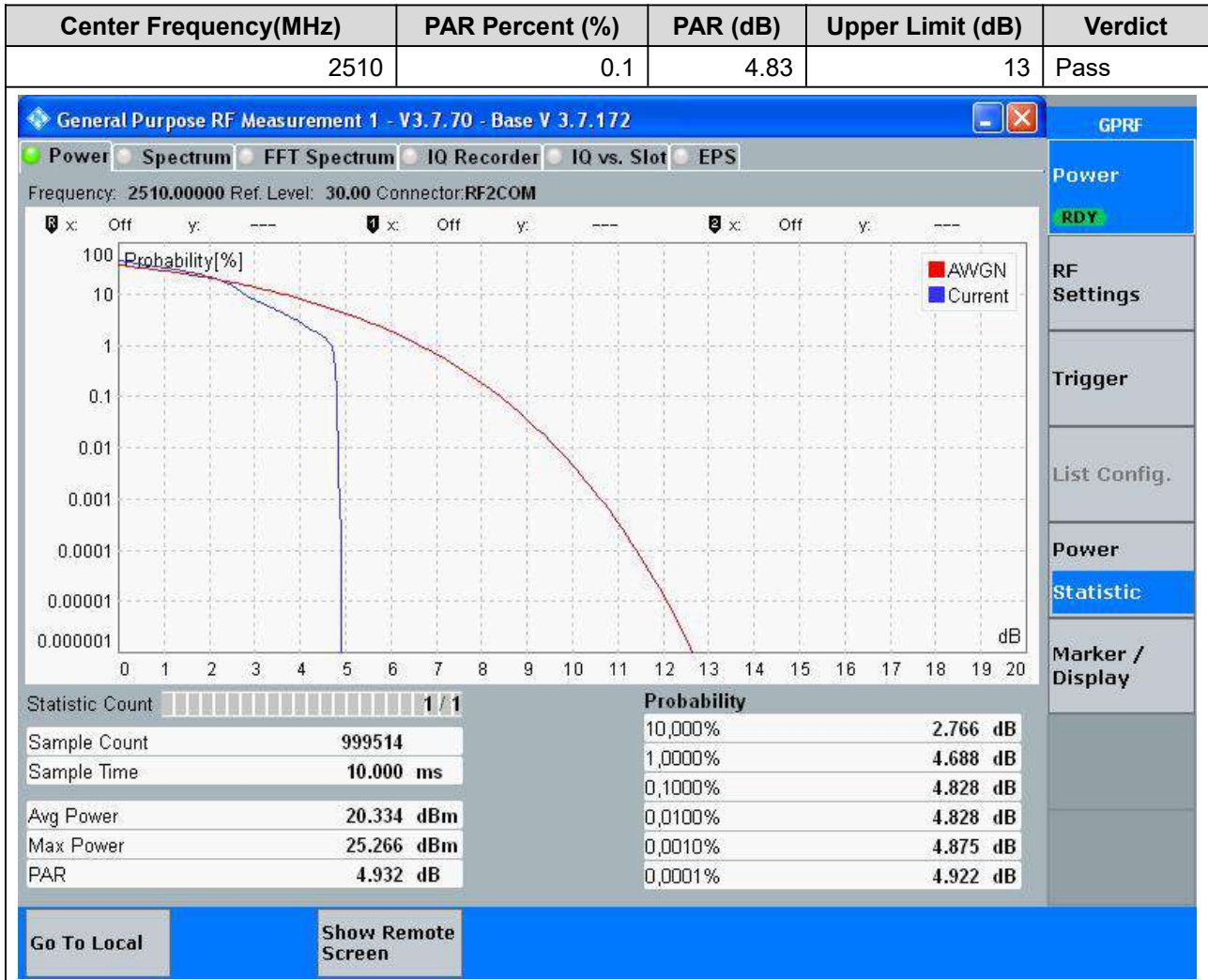
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2510.00000 Ref. Level: 30.00 Connector:RF2COM

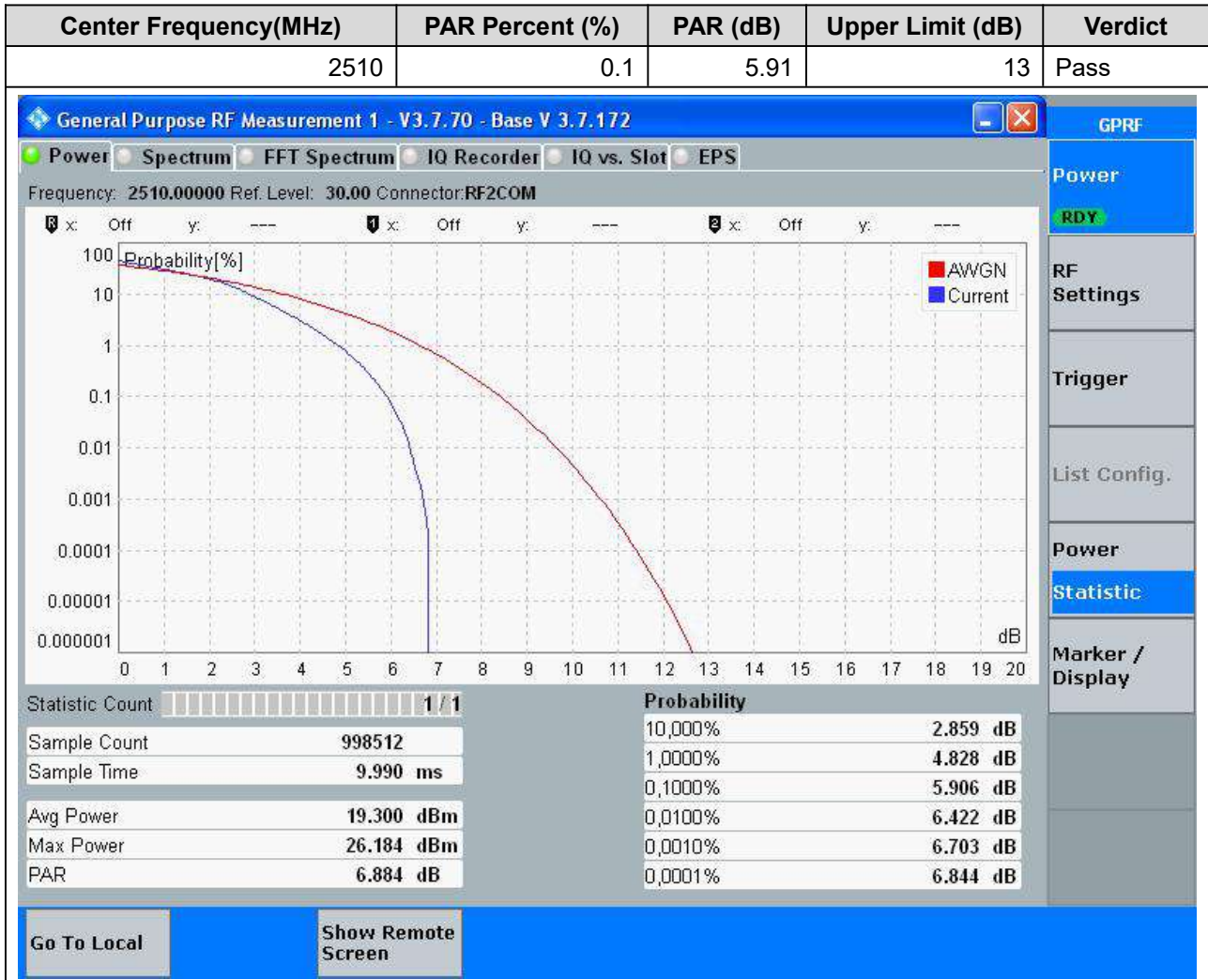
Statistic Count	Value	Probability	Value
Sample Count	998512	10,000%	2.250 dB
Sample Time	9.990 ms	1,0000%	4.125 dB
Avg Power	20.297 dBm	0,1000%	5.063 dB
Max Power	26.177 dBm	0,0100%	5.391 dB
PAR	5.880 dB	0,0010%	5.625 dB
		0,0001%	5.719 dB

Go To Local Show Remote Screen

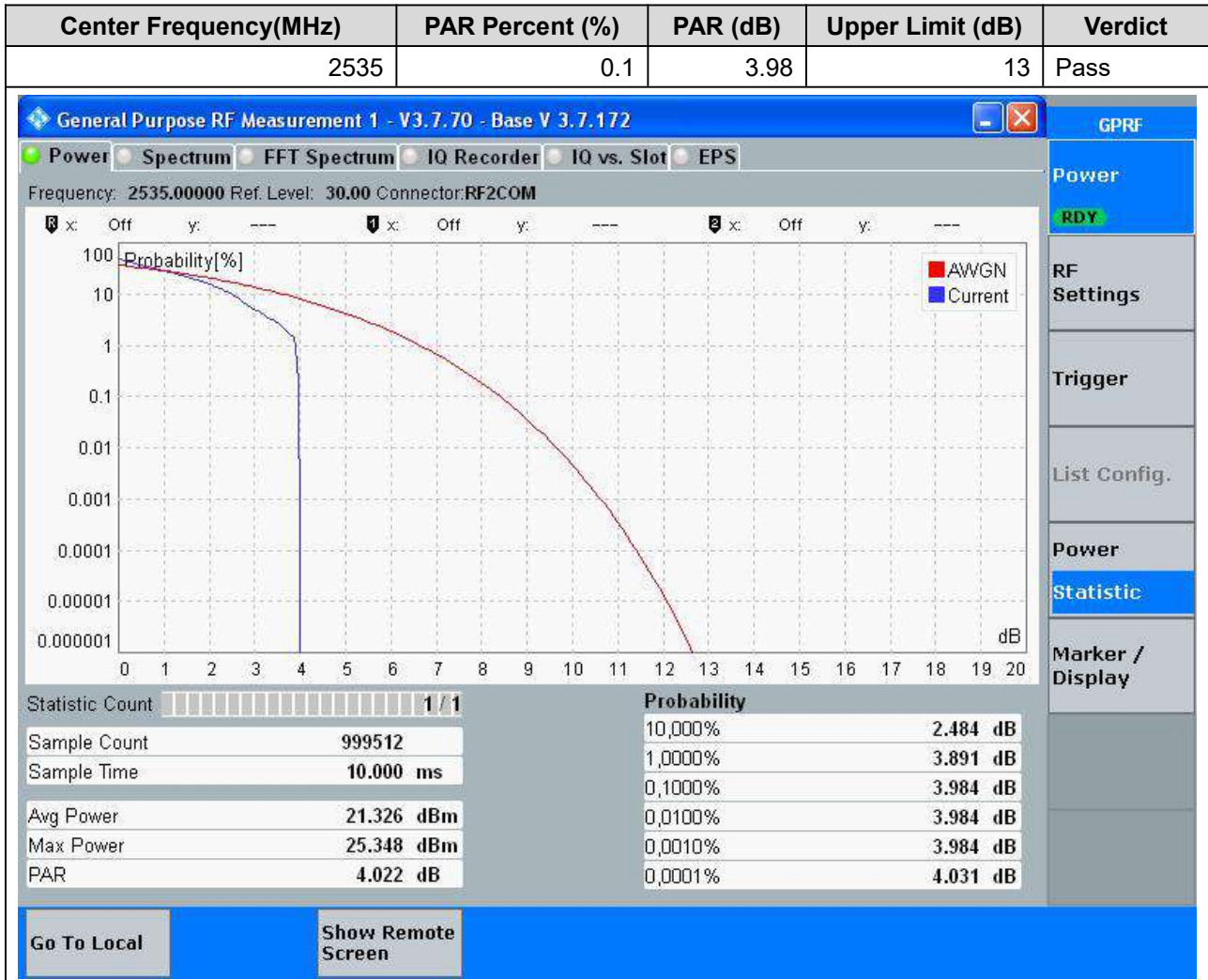
7.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



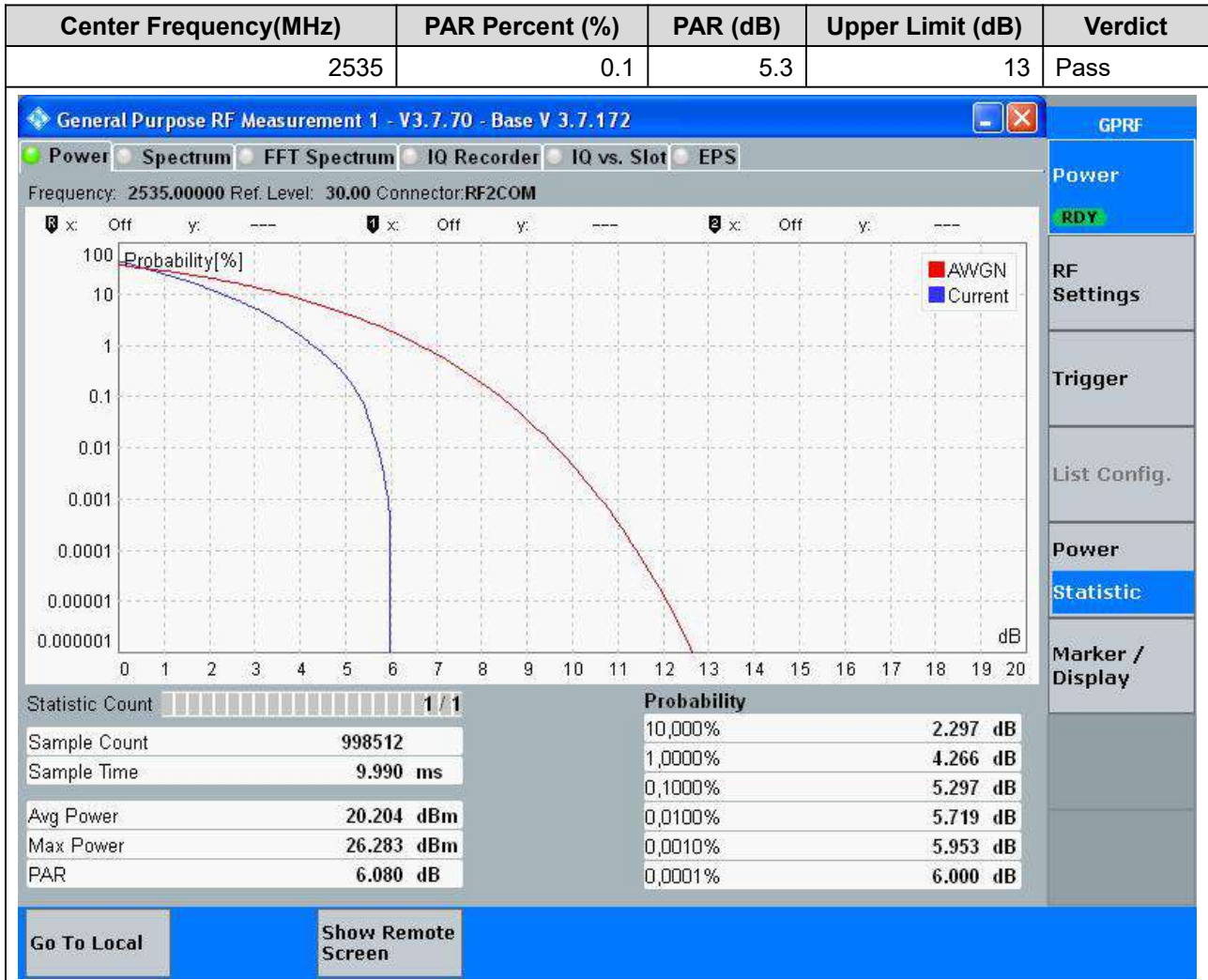
7.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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



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



7.7. LTE Peak to Average Ratio(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	5.02	13	Pass

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

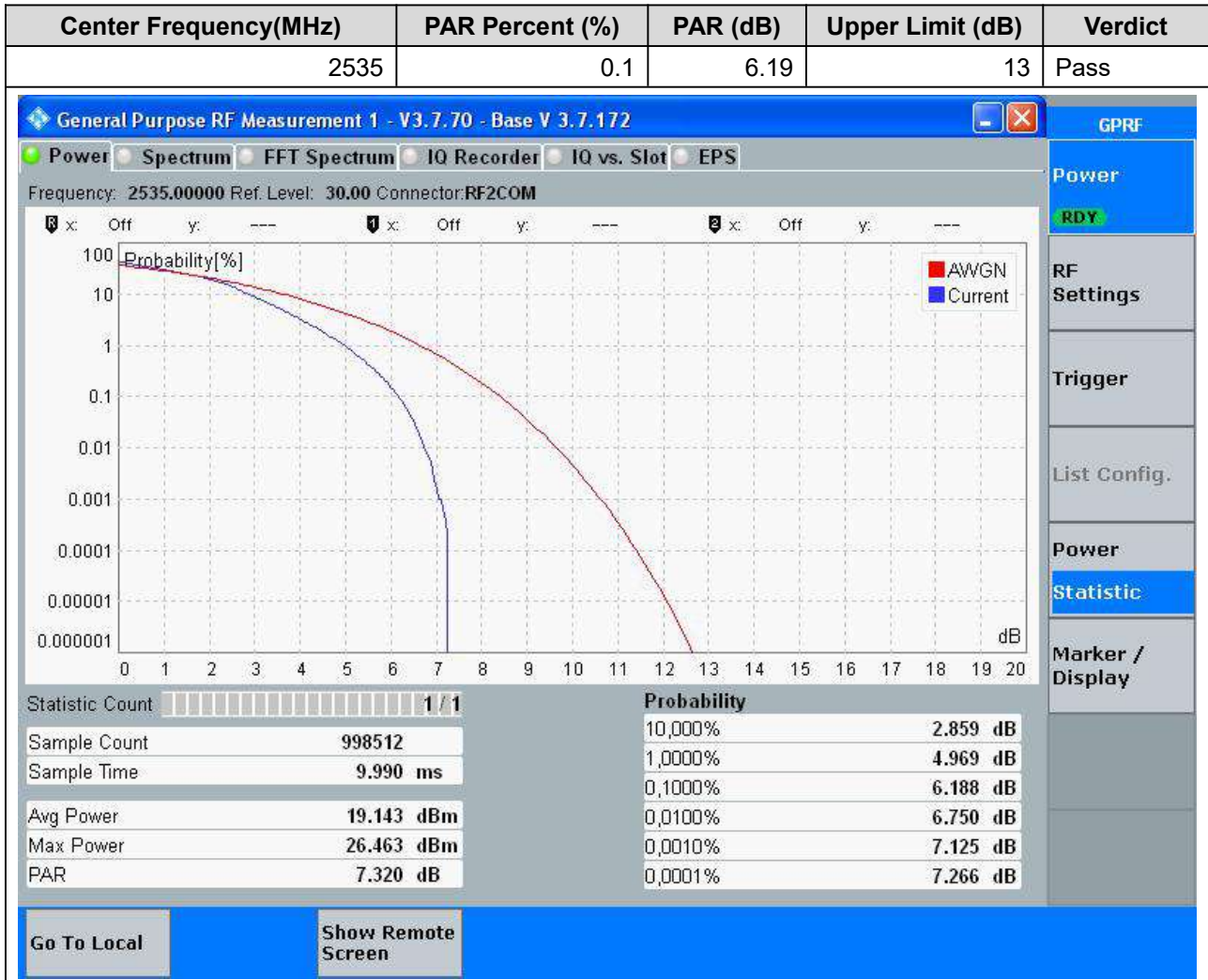
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF2COM

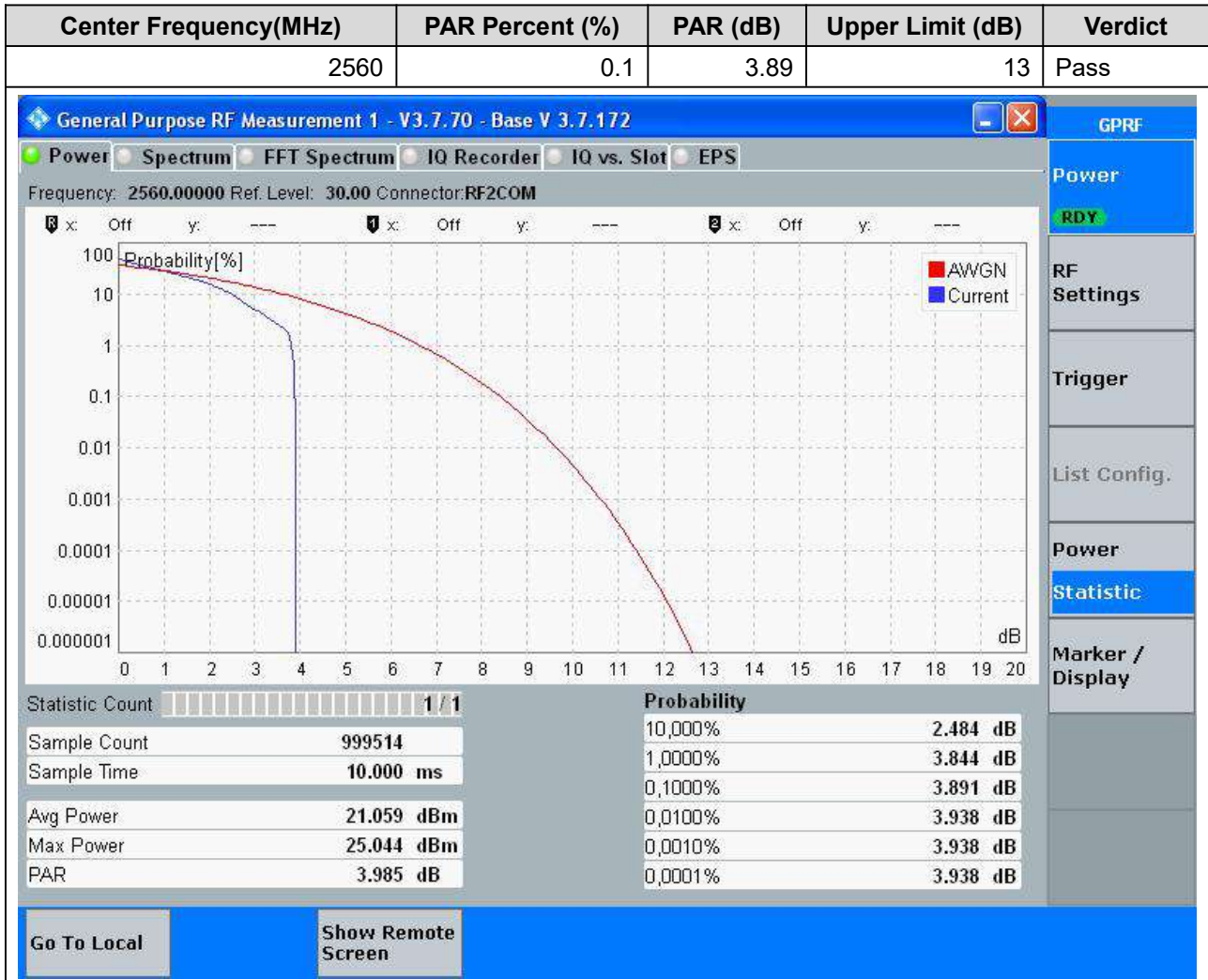
Statistic Count	1 / 1	Probability	
Sample Count	999514	10,000%	2.906 dB
Sample Time	10.000 ms	1,0000%	4.922 dB
Avg Power	20.136 dBm	0,1000%	5.016 dB
Max Power	25.467 dBm	0,0010%	5.203 dB
PAR	5.331 dB	0,0001%	5.297 dB

Go To Local Show Remote Screen

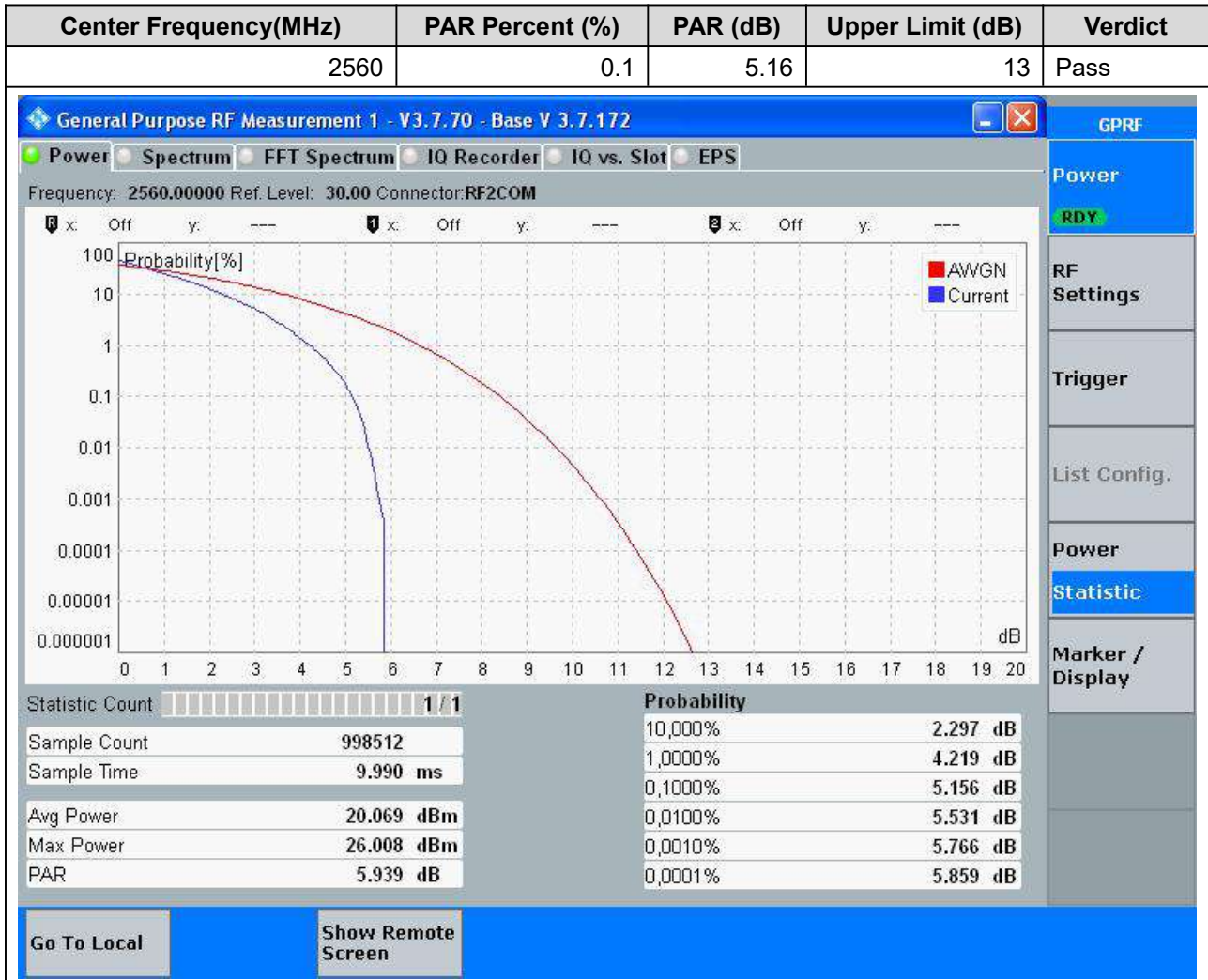
7.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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



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



7.11. LTE Peak to Average Ratio(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	4.97	13	Pass

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

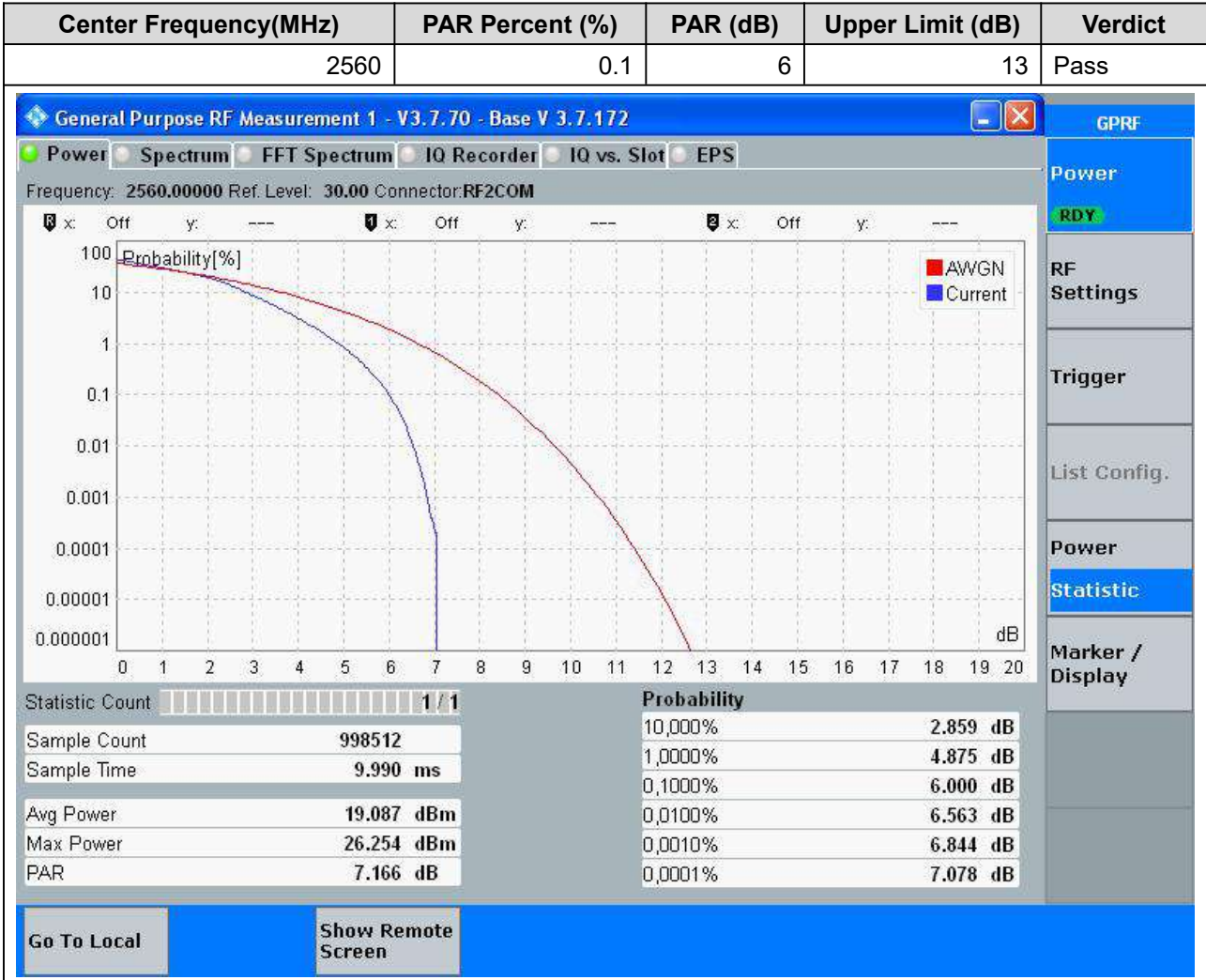
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2560.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count	Value	Probability	Value (dB)
Sample Count	999514	10,000%	2.859 dB
Sample Time	10.000 ms	1,0000%	4.688 dB
Avg Power	20.115 dBm	0,1000%	4.969 dB
Max Power	25.246 dBm	0,0100%	5.063 dB
PAR	5.131 dB	0,0001%	5.063 dB

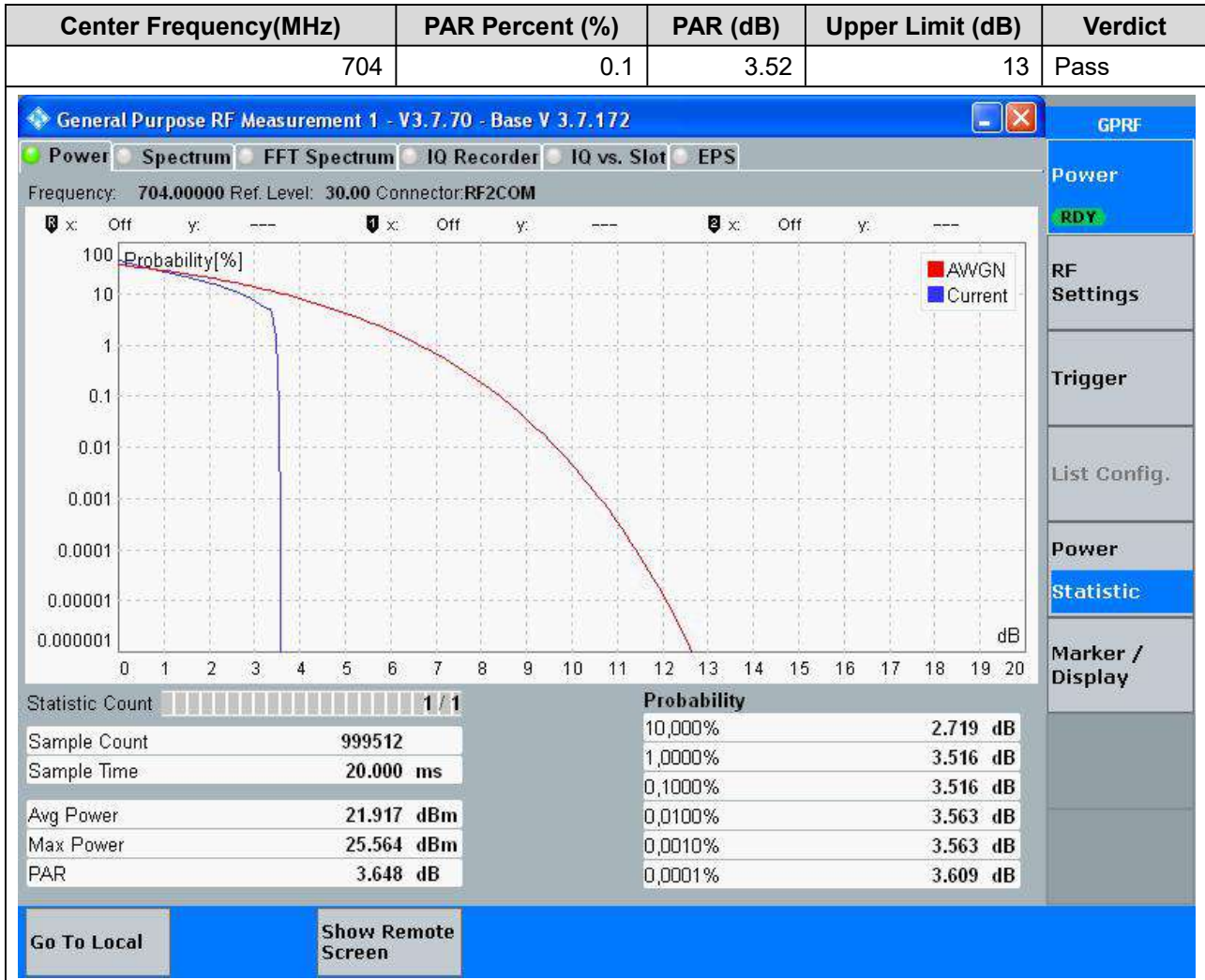
Go To Local Show Remote Screen

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



8. LTE_Band12

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



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

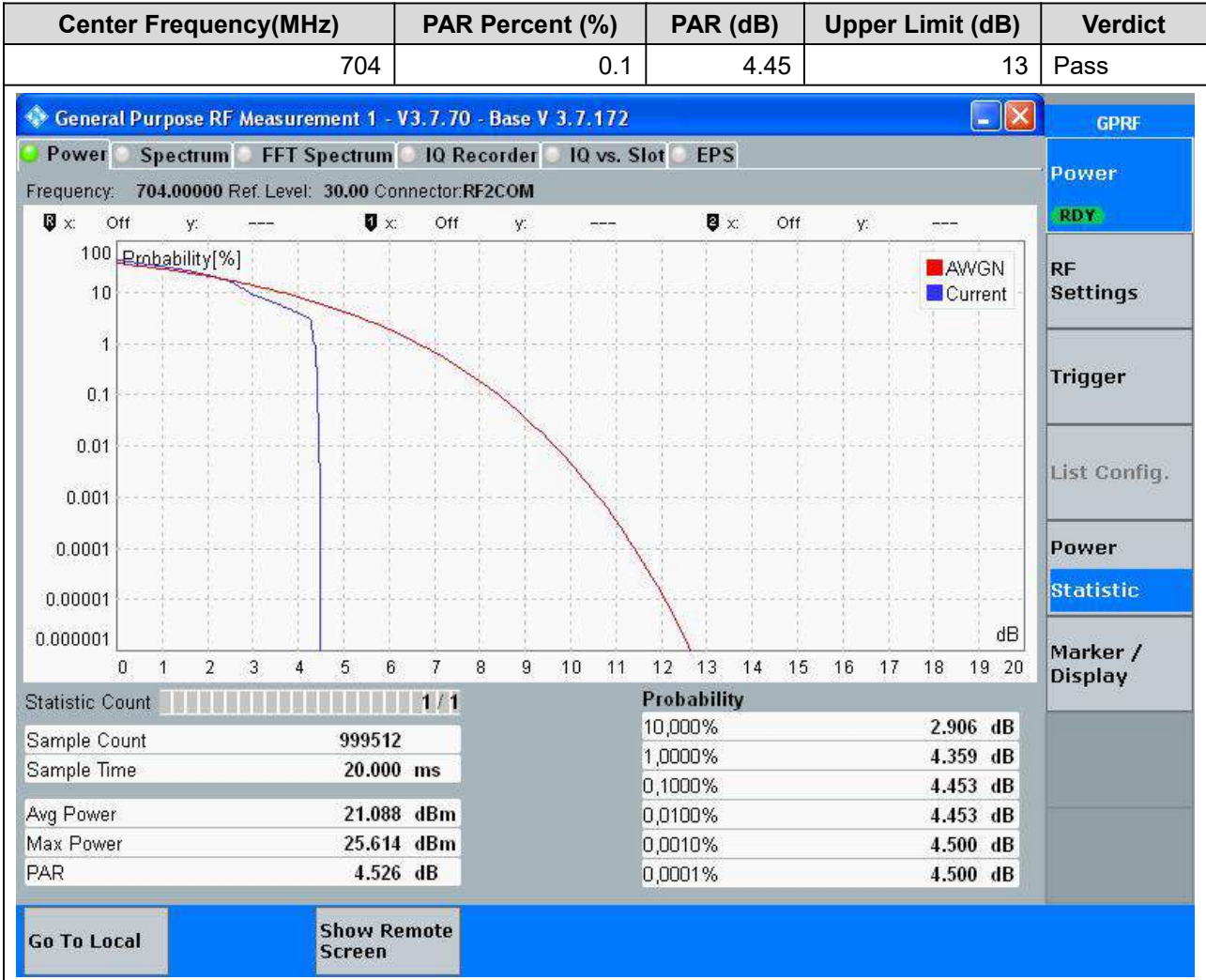
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
704	0.1	4.92	13	Pass

The screenshot displays the 'General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172' 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 5.5 dB, while the 'AWGN' curve is much broader. Below the plot is a statistics table:

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.297 dB
Sample Time	20.483 ms	1,0000%	4.266 dB
Avg Power	21.004 dBm	0,1000%	4.922 dB
Max Power	26.566 dBm	0,0100%	5.203 dB
PAR	5.562 dB	0,0010%	5.391 dB
		0,0001%	5.484 dB

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

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



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

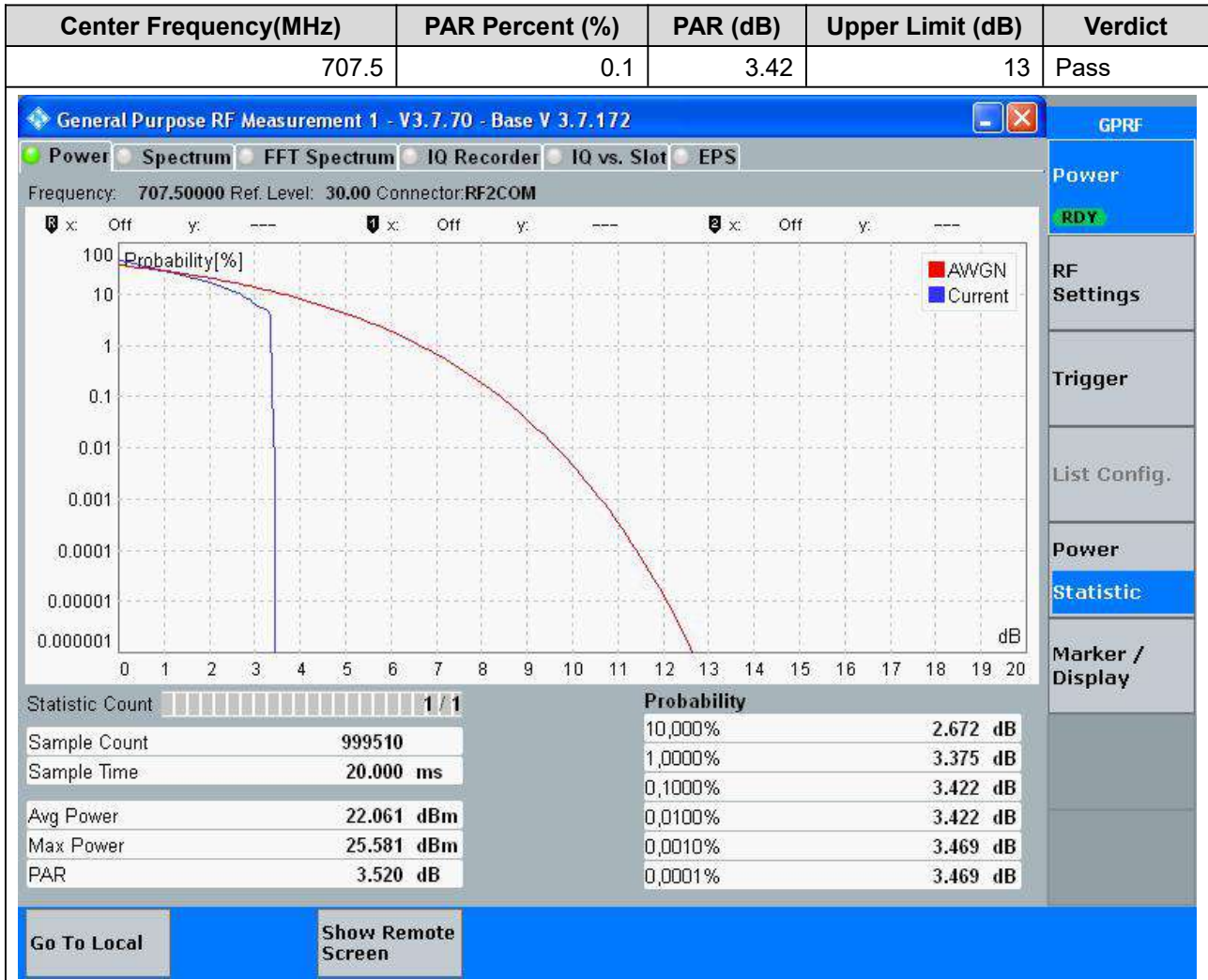
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
704	0.1	5.86	13	Pass

The screenshot displays the 'General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172' window. The main graph shows '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 plotted: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a sharp drop-off around 7 dB, while the 'AWGN' curve is much broader. Below the graph is a 'Statistic Count' bar and a 'Probability' table.

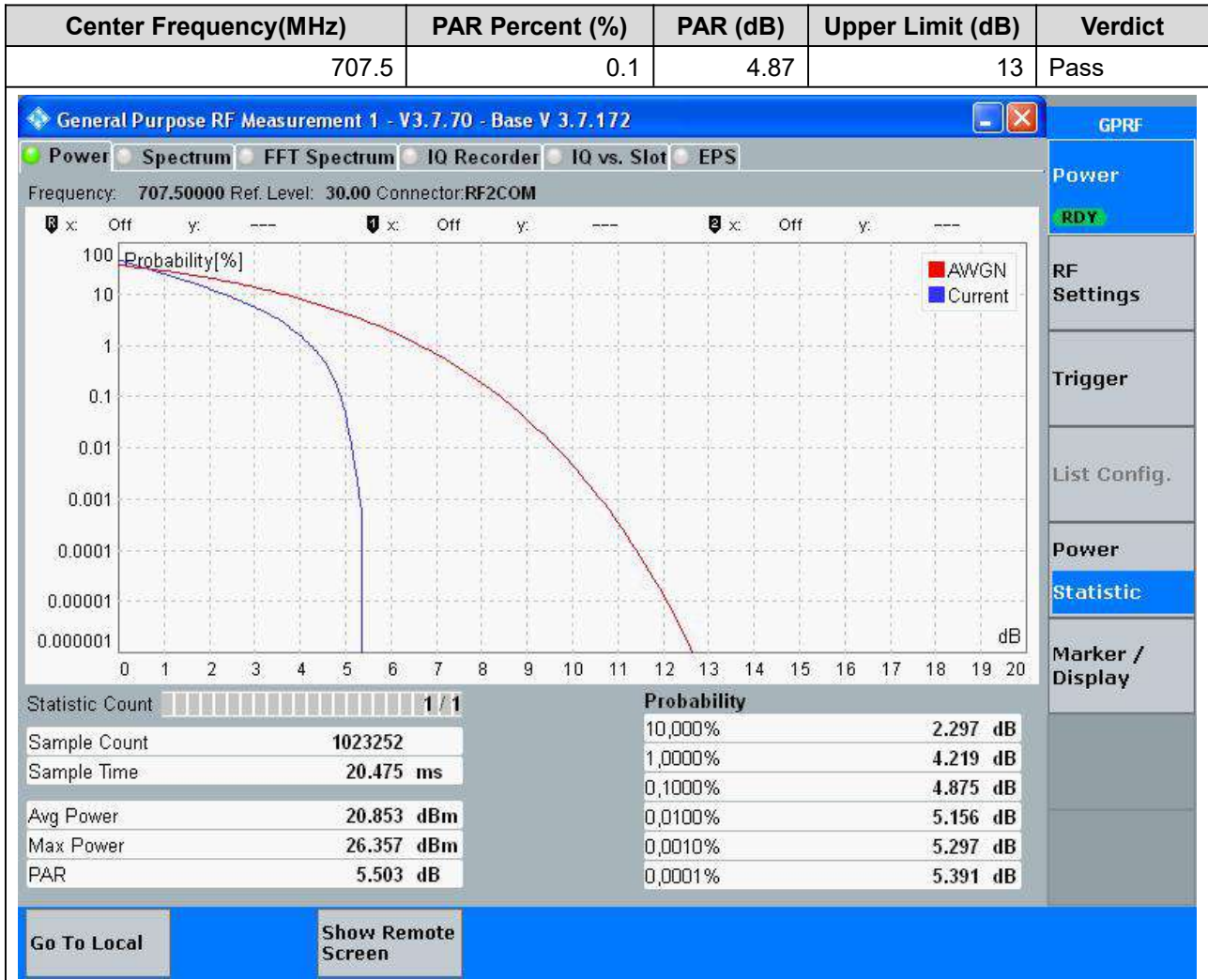
Statistic	Value	Probability	Value
Sample Count	1023250	10,000%	2.859 dB
Sample Time	20.475 ms	1,0000%	4.969 dB
Avg Power	20.037 dBm	0,1000%	5.859 dB
Max Power	26.906 dBm	0,0100%	6.281 dB
PAR	6.870 dB	0,0010%	6.609 dB
		0,0001%	6.797 dB

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

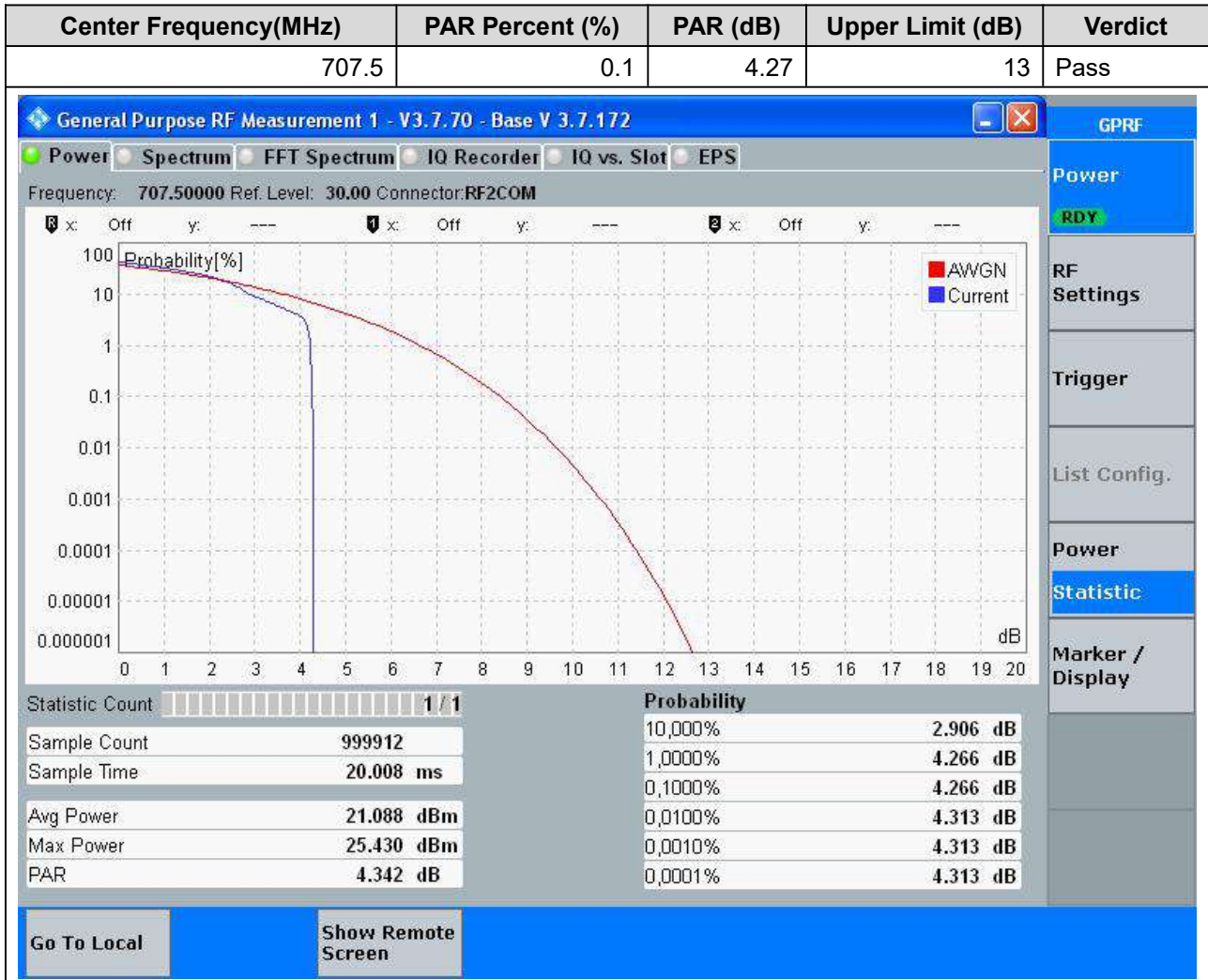
8.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



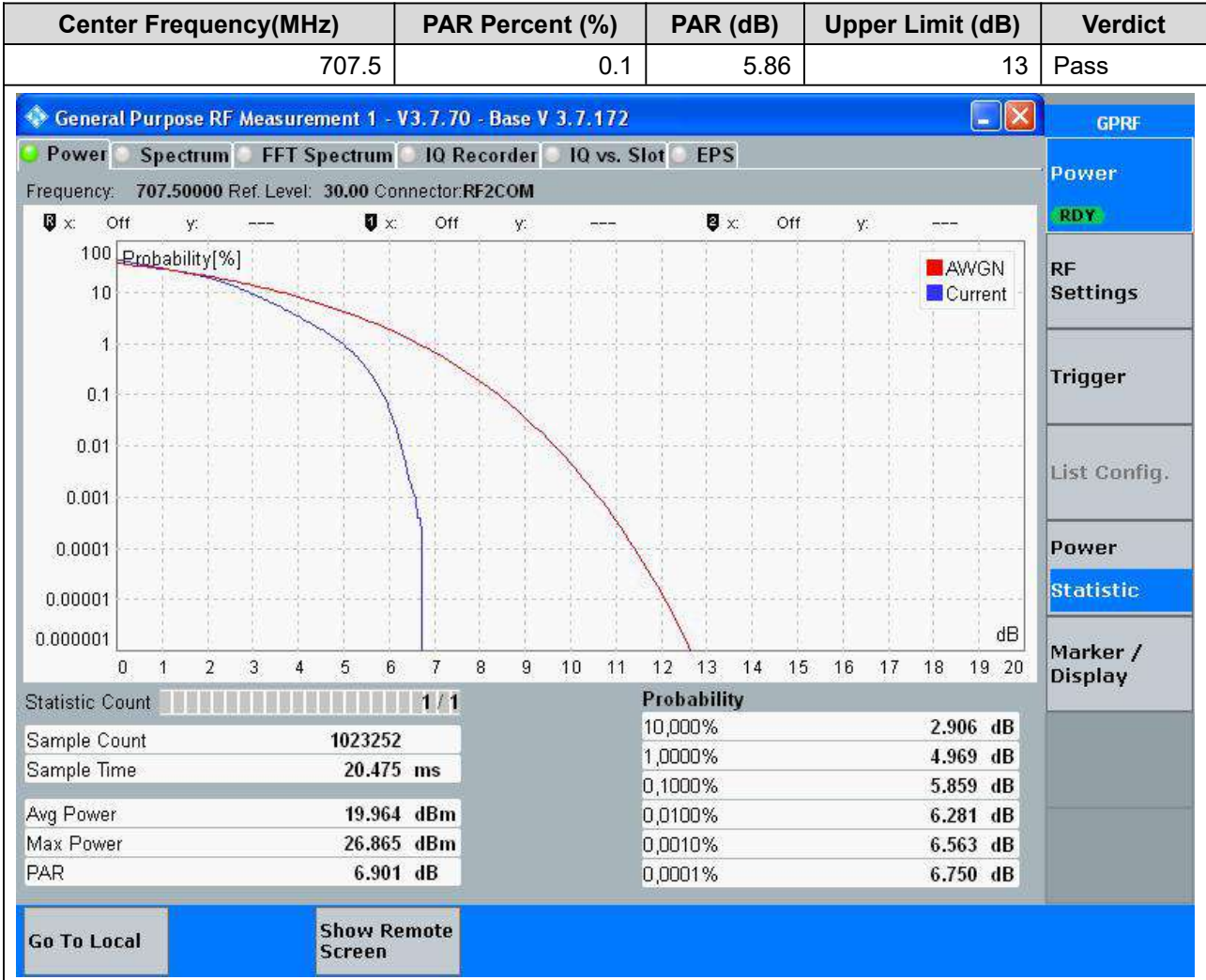
8.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



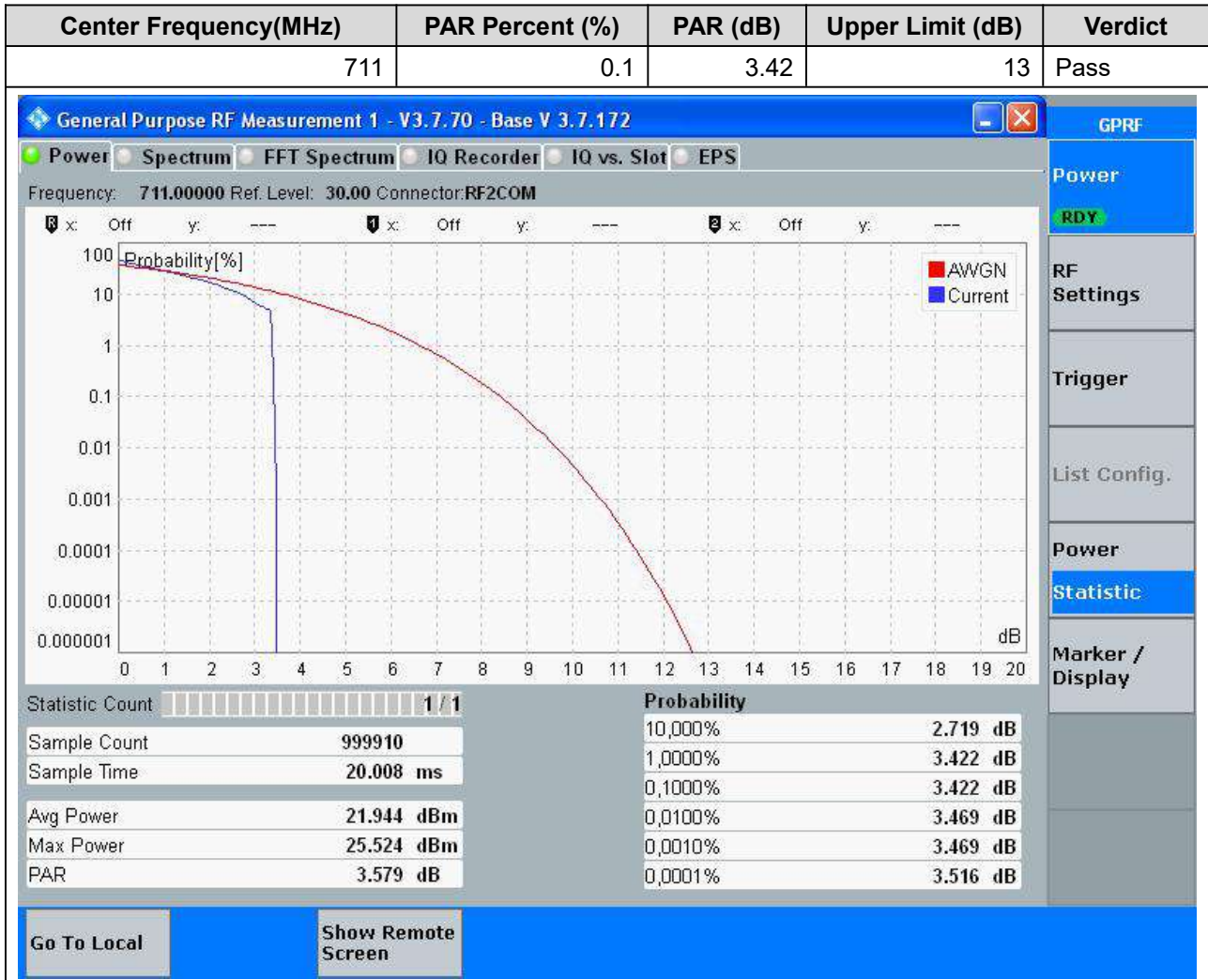
8.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



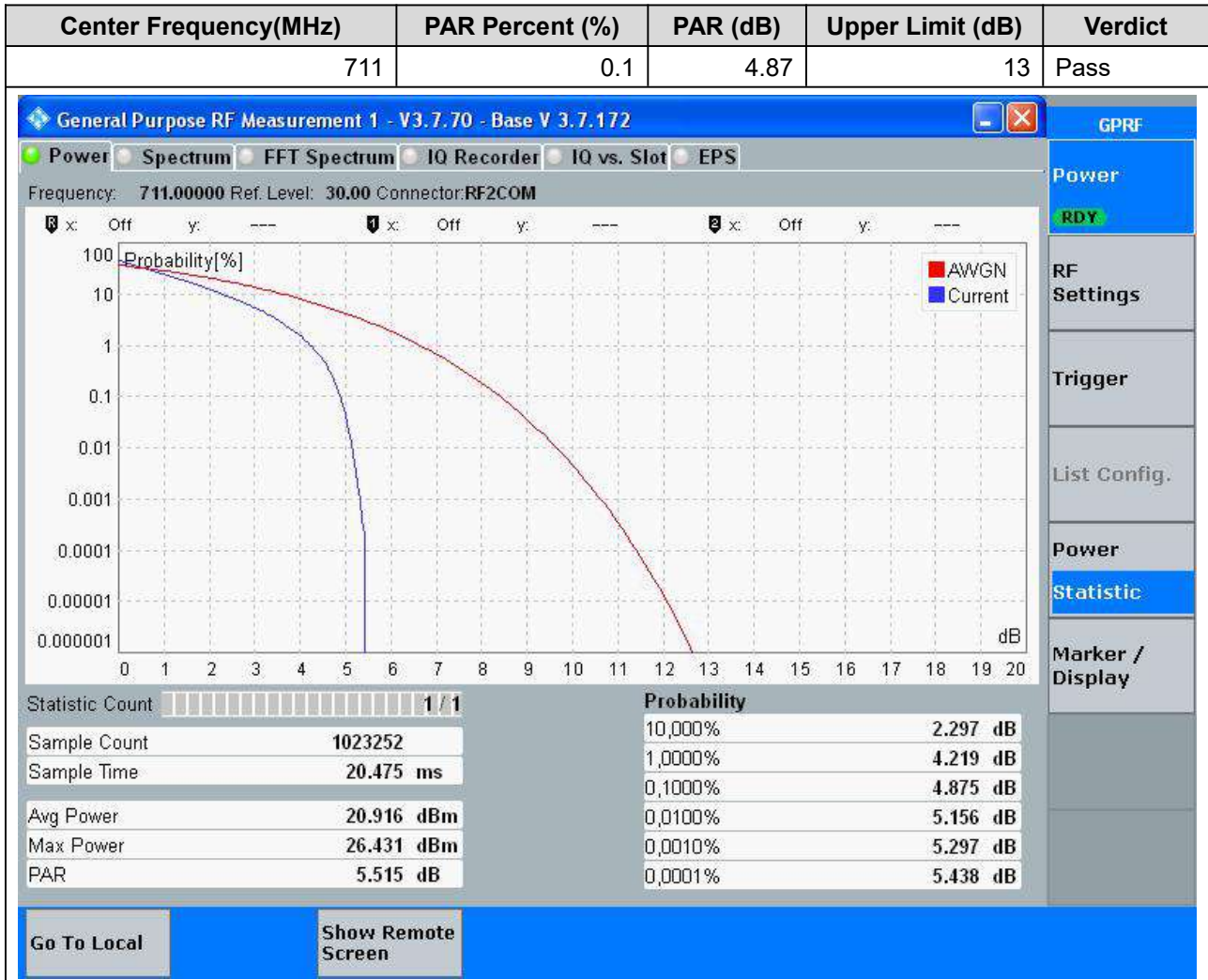
8.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



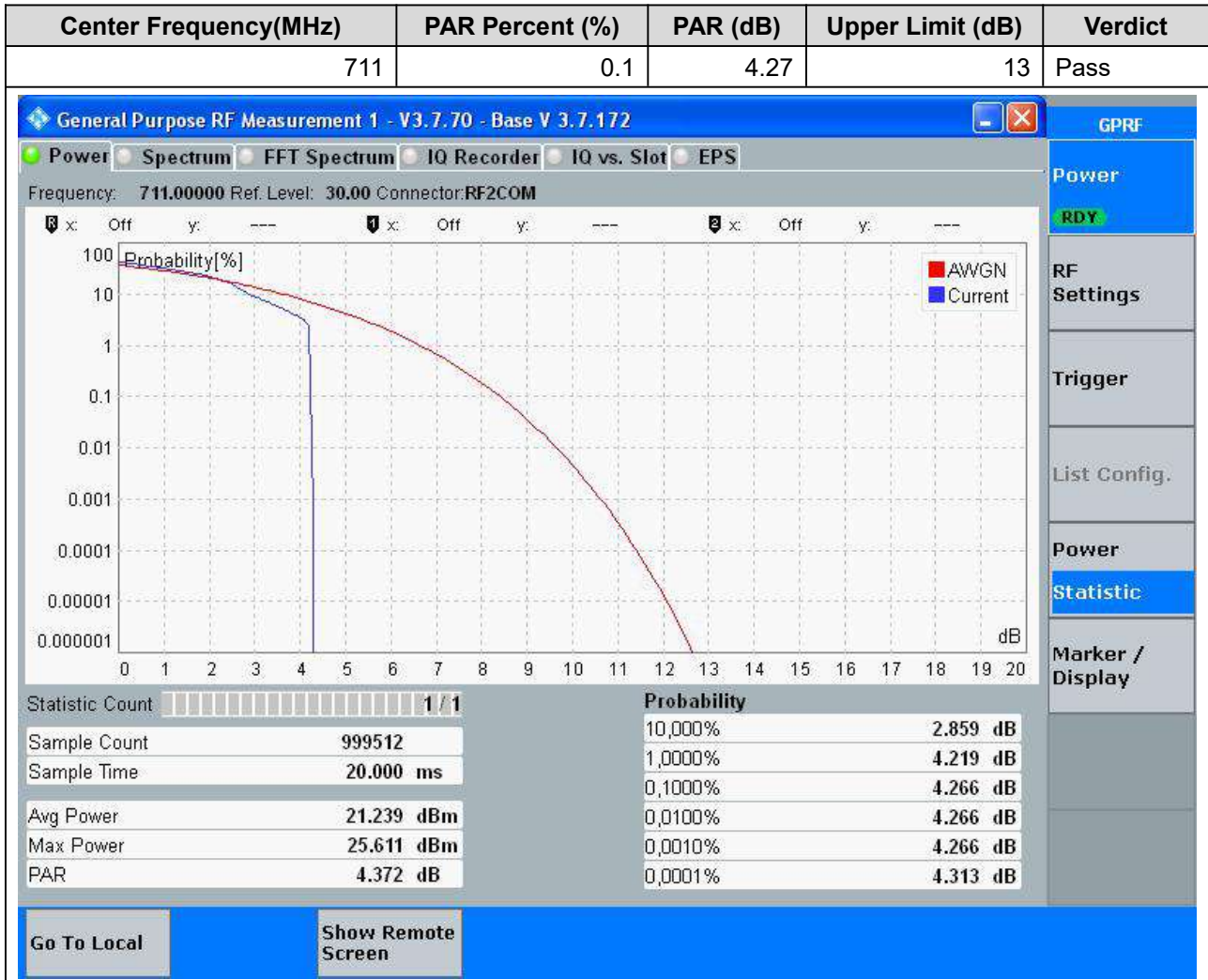
8.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



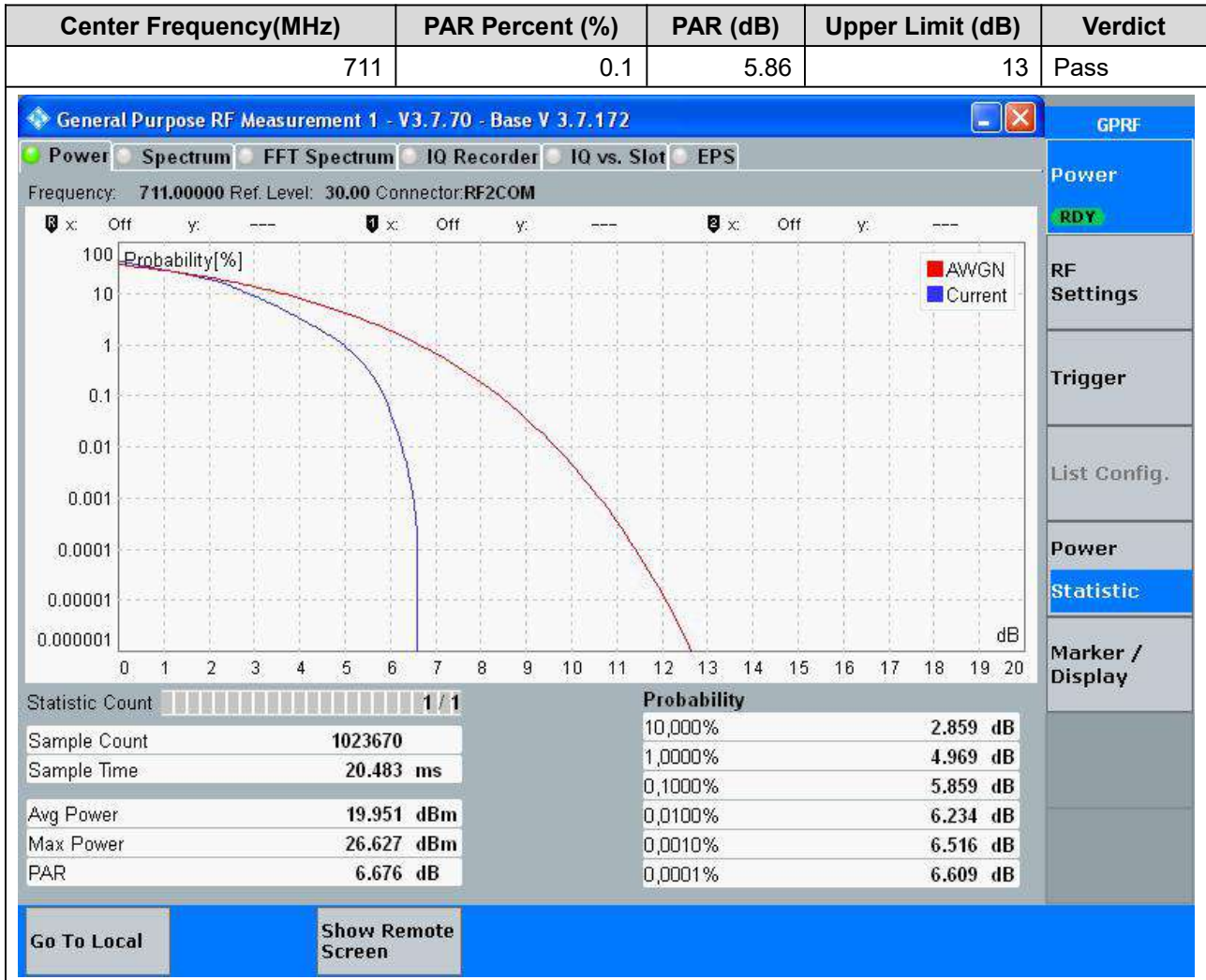
8.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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

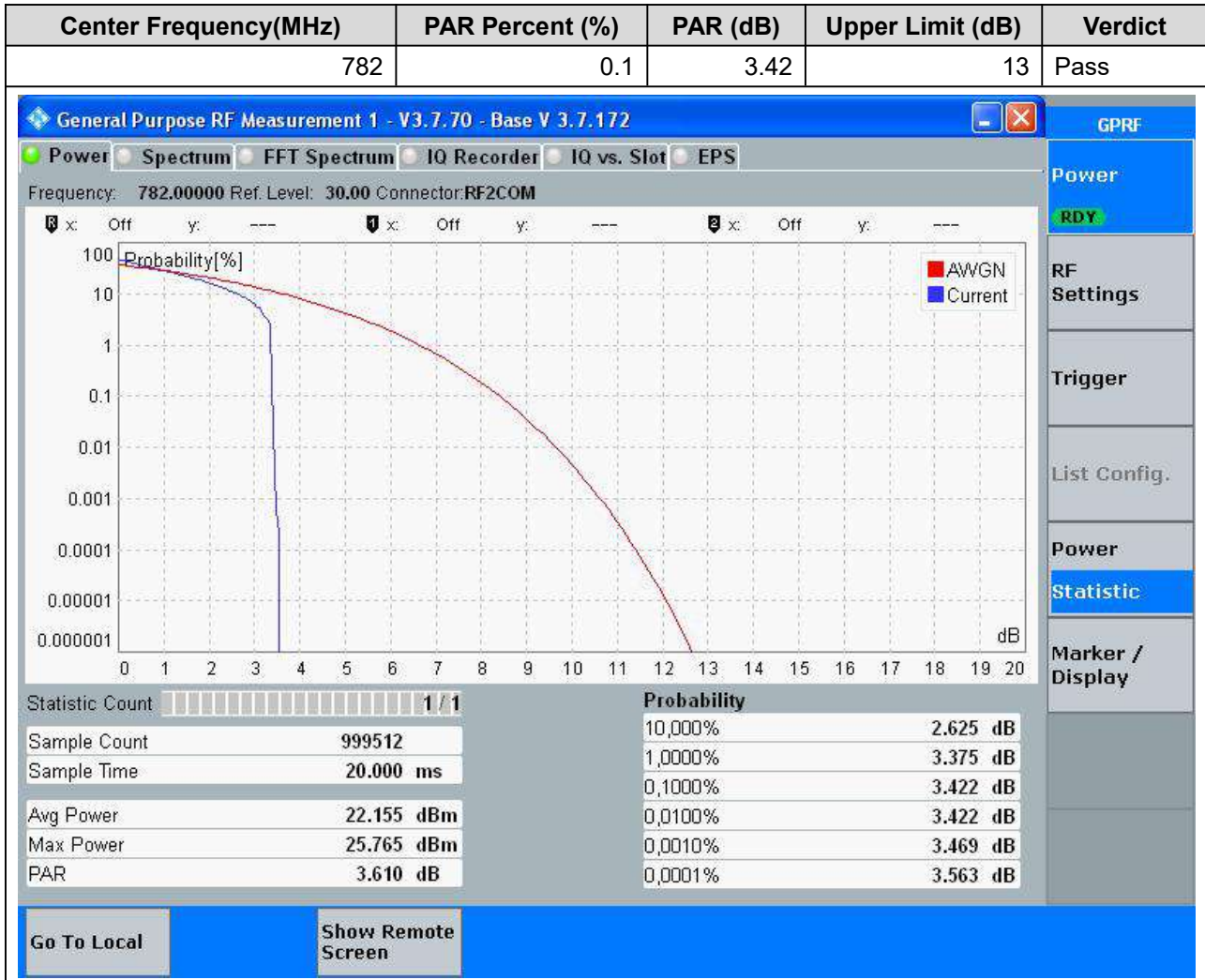


8.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



9. LTE_Band13

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



9.2. LTE Peak to Average Ratio(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	4.97	13	Pass

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

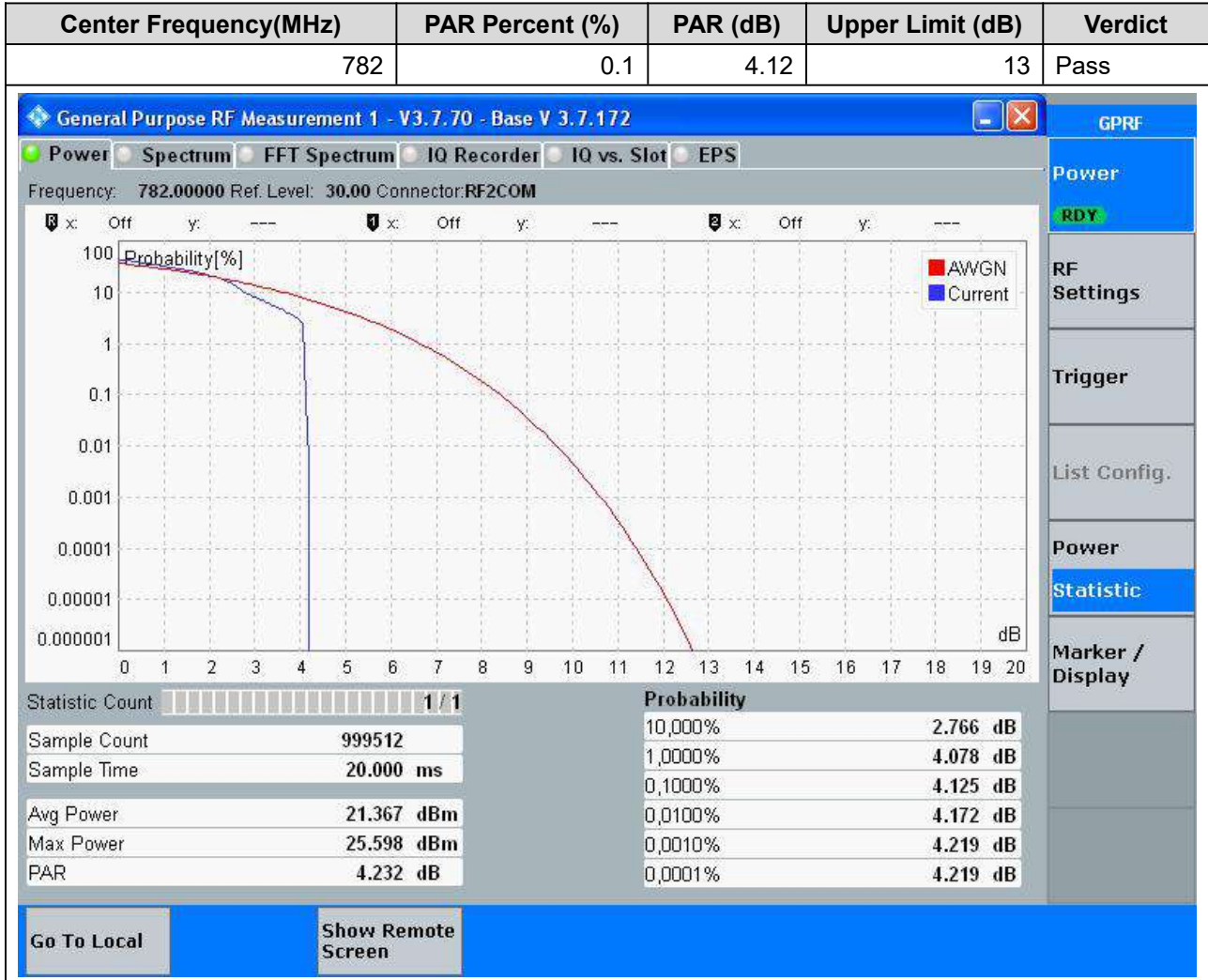
Frequency: 782.00000 Ref. Level: 30.00 Connector:RF2COM

Probability[%] vs dB

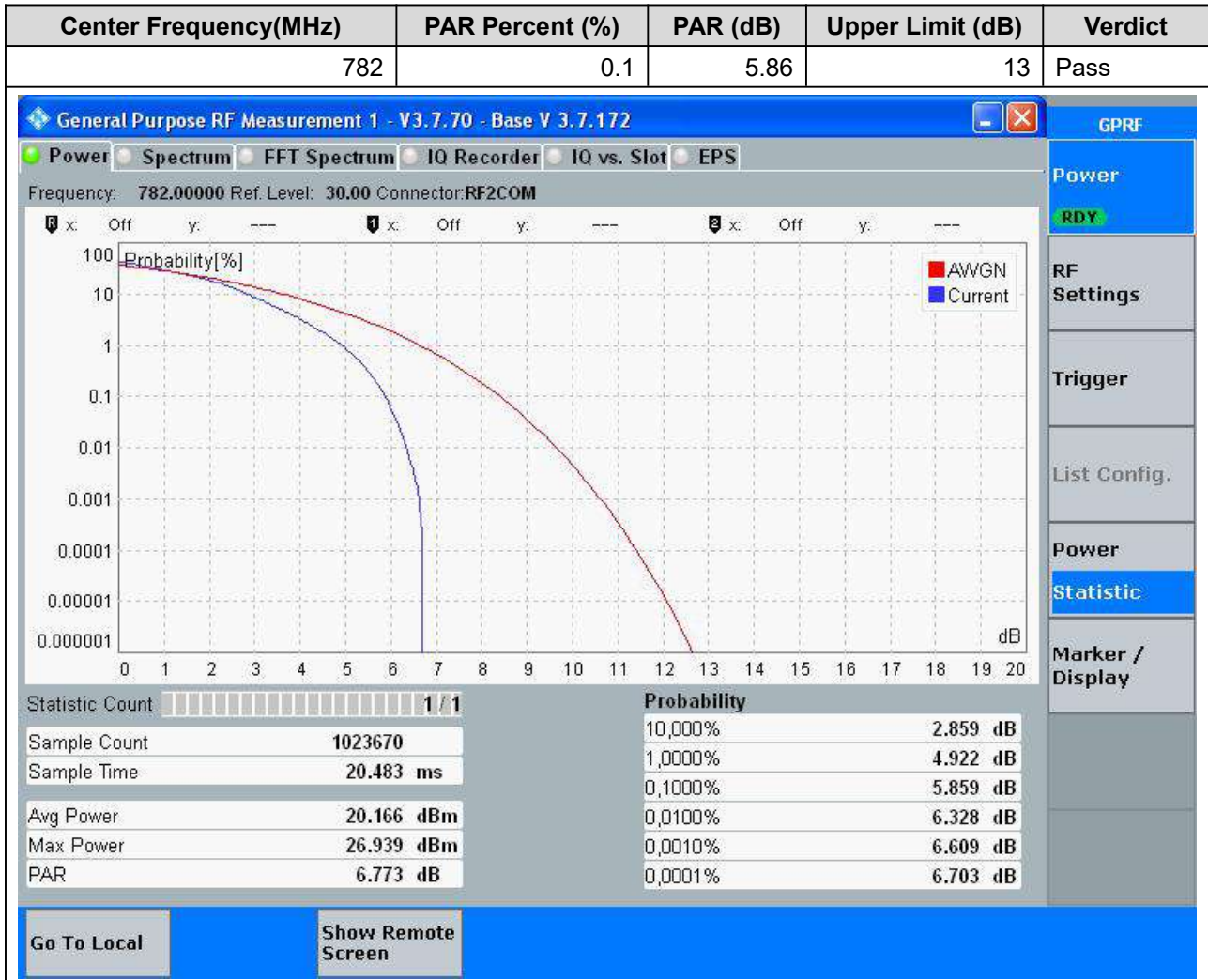
Statistic	Value	Probability	Value
Sample Count	1023670	10,000%	2.297 dB
Sample Time	20.483 ms	1,0000%	4.219 dB
Avg Power	21.184 dBm	0,1000%	4.969 dB
Max Power	26.877 dBm	0,0100%	5.297 dB
PAR	5.693 dB	0,0010%	5.531 dB
		0,0001%	5.625 dB

Go To Local Show Remote Screen

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

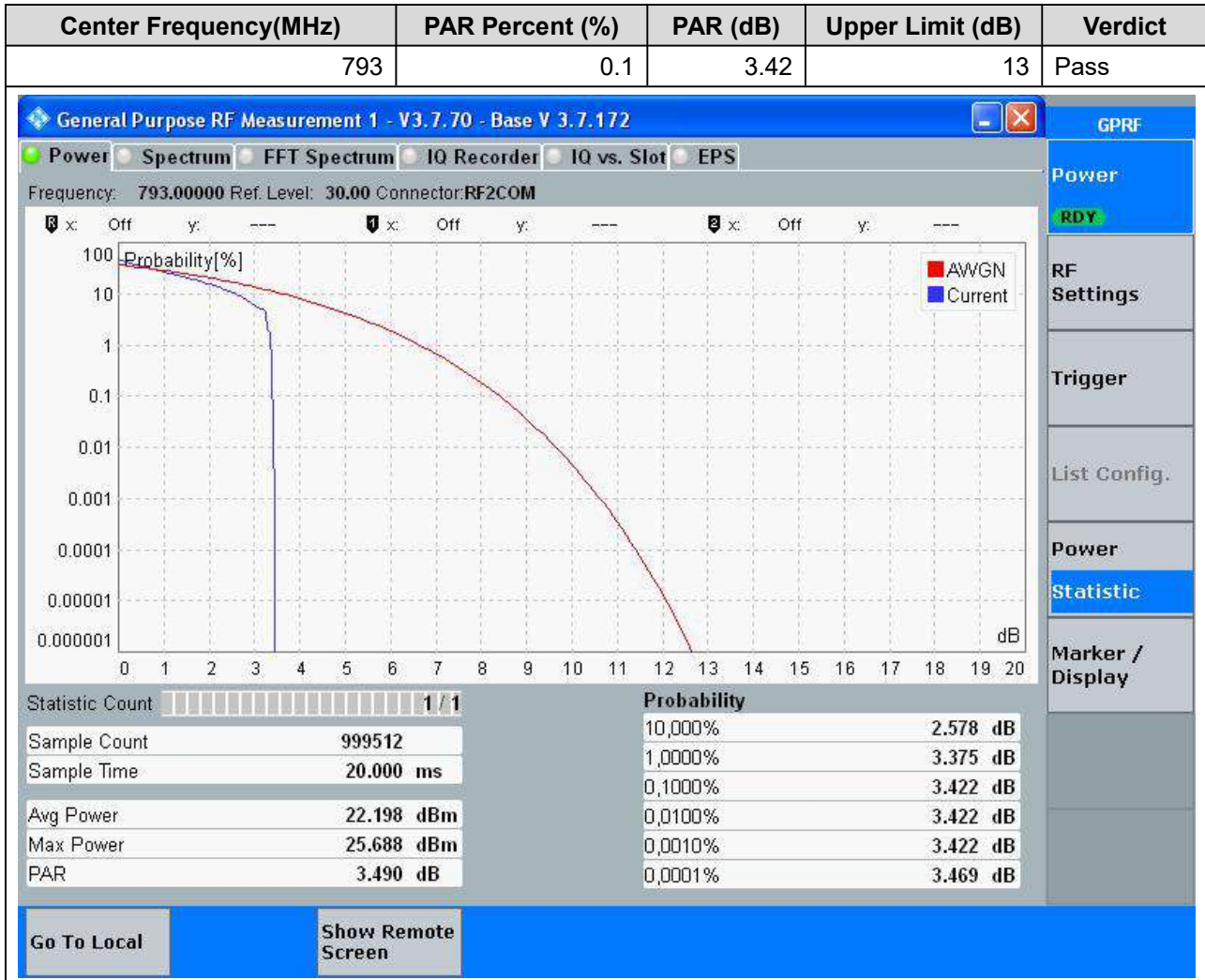


9.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

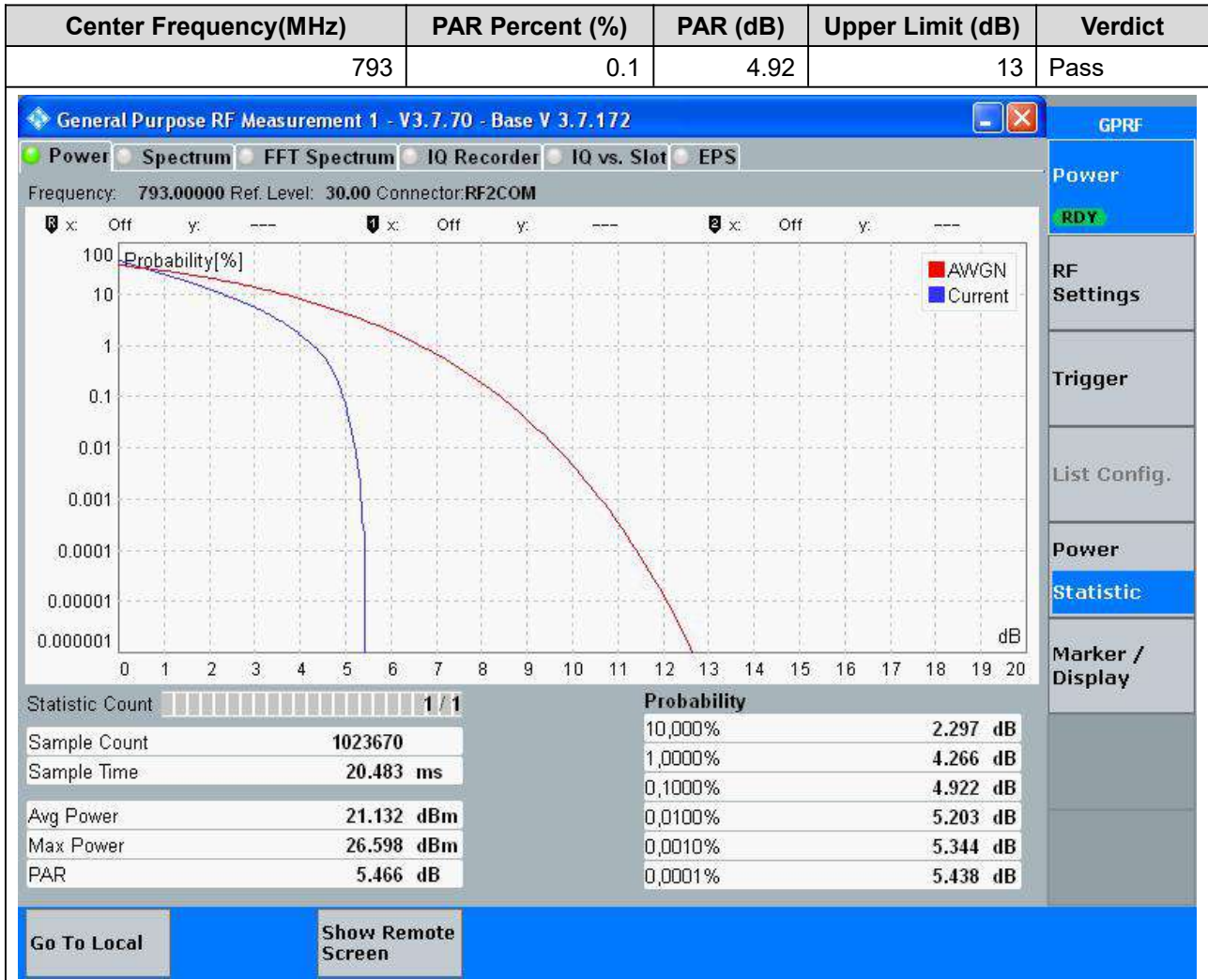


10. LTE_Band14

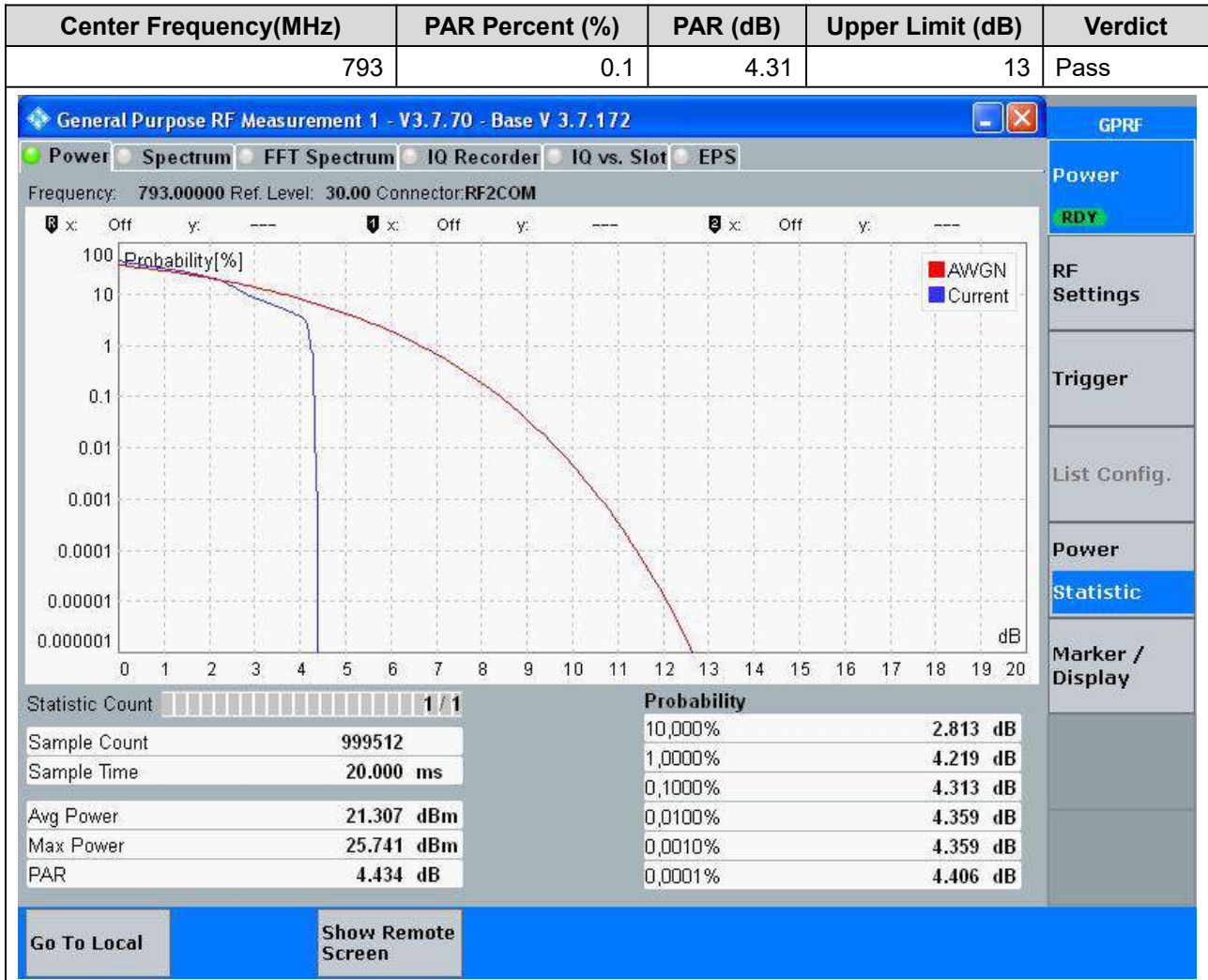
10.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23330, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



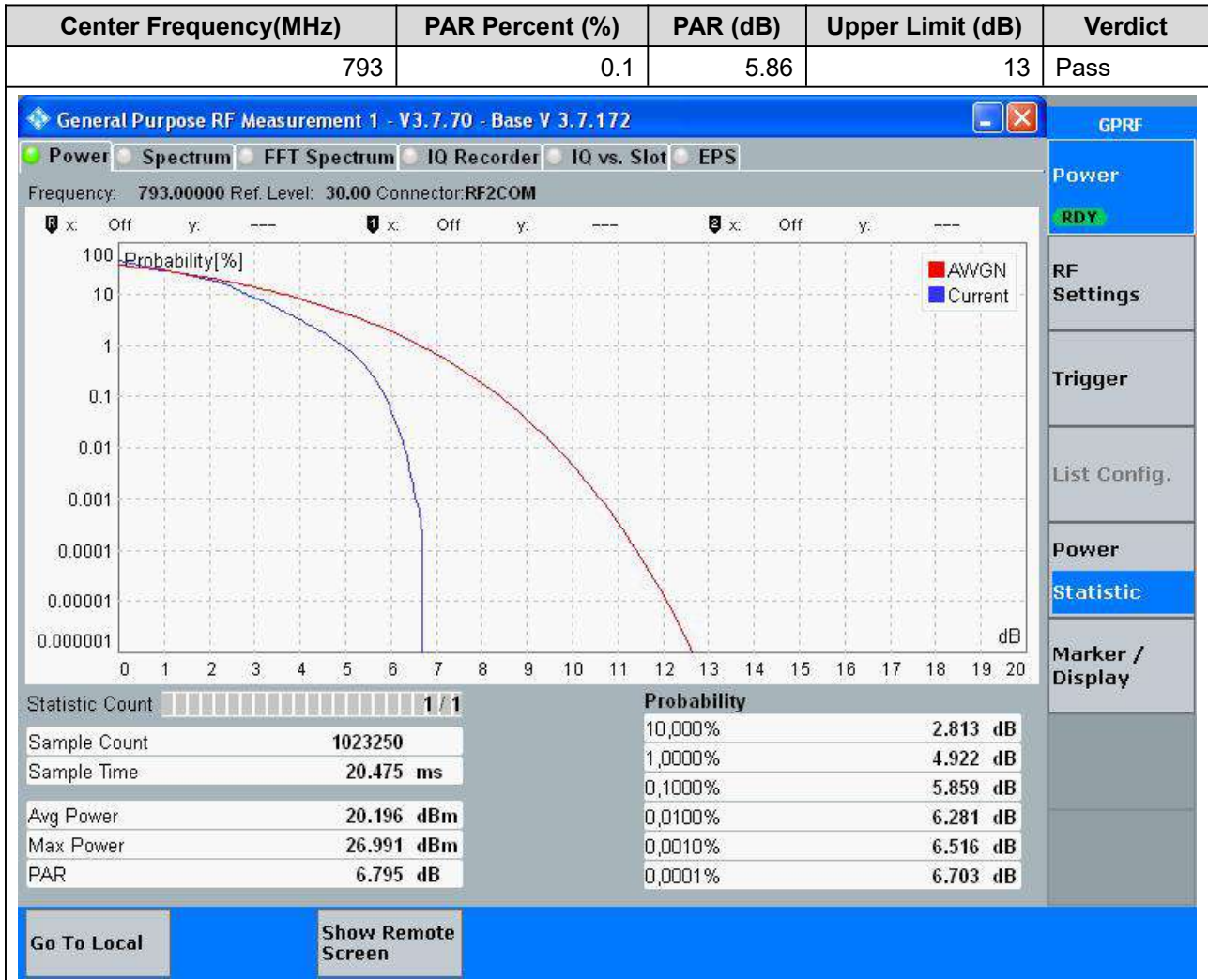
10.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23330, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



10.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23330, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

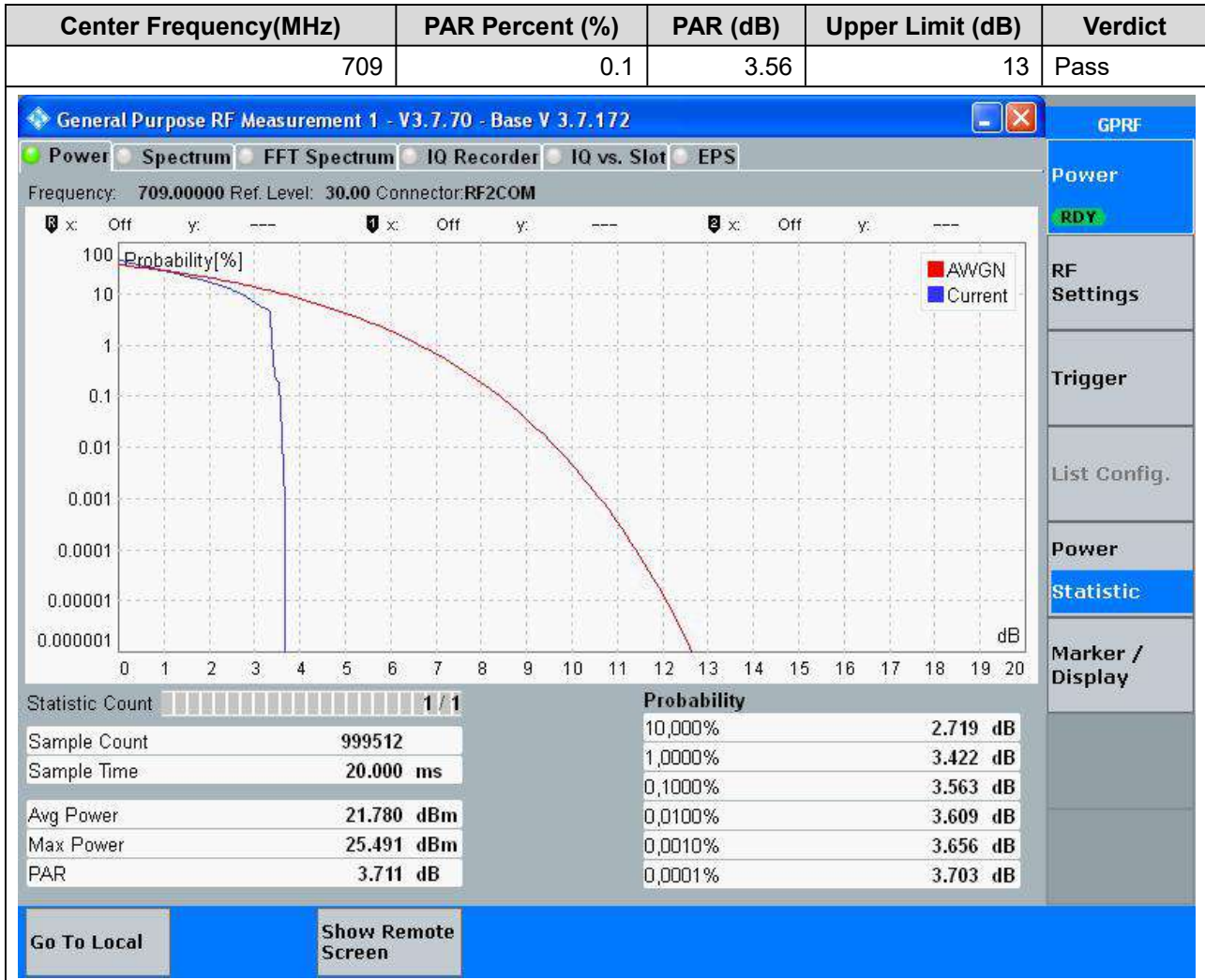


10.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23330, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

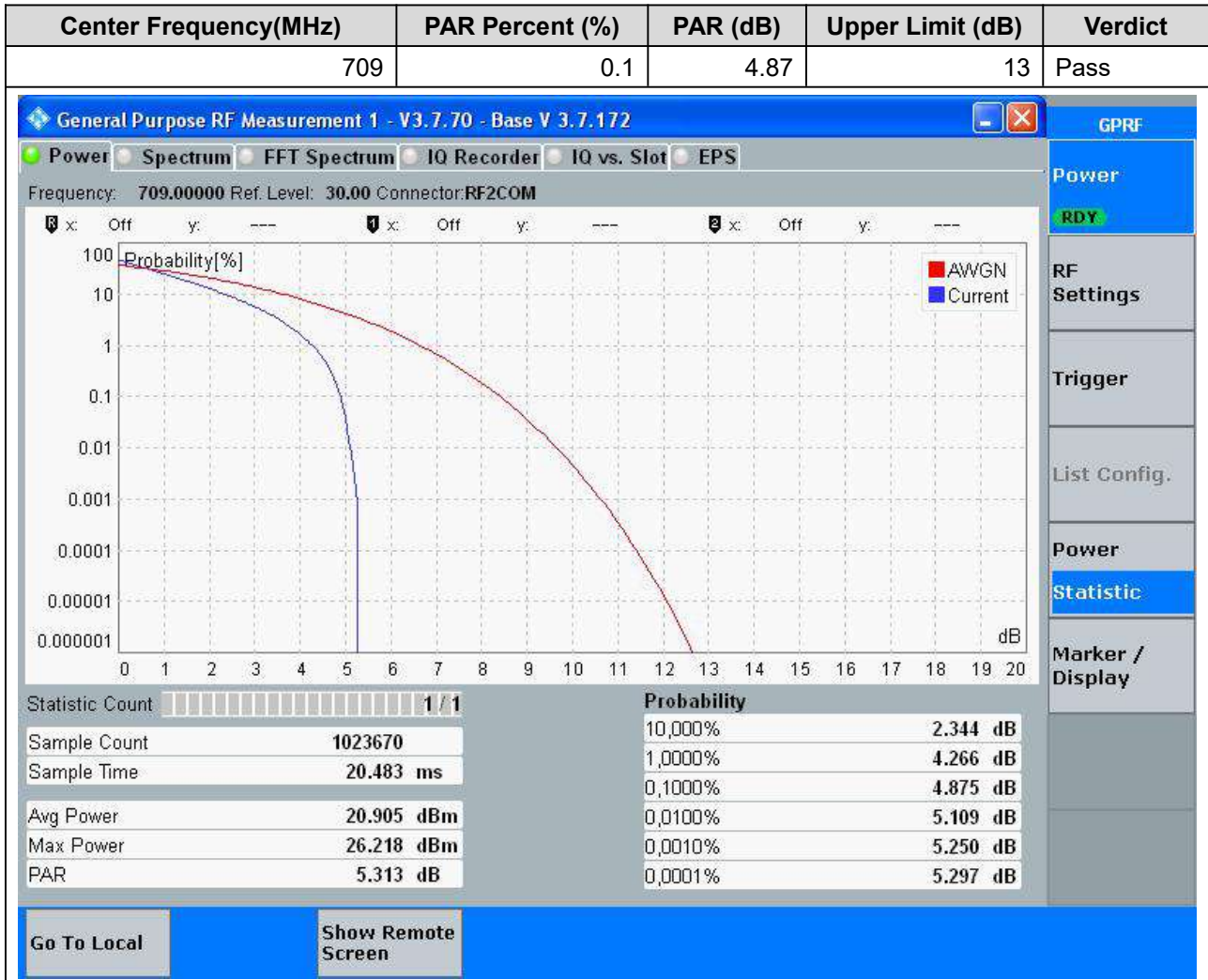


11. LTE_Band17

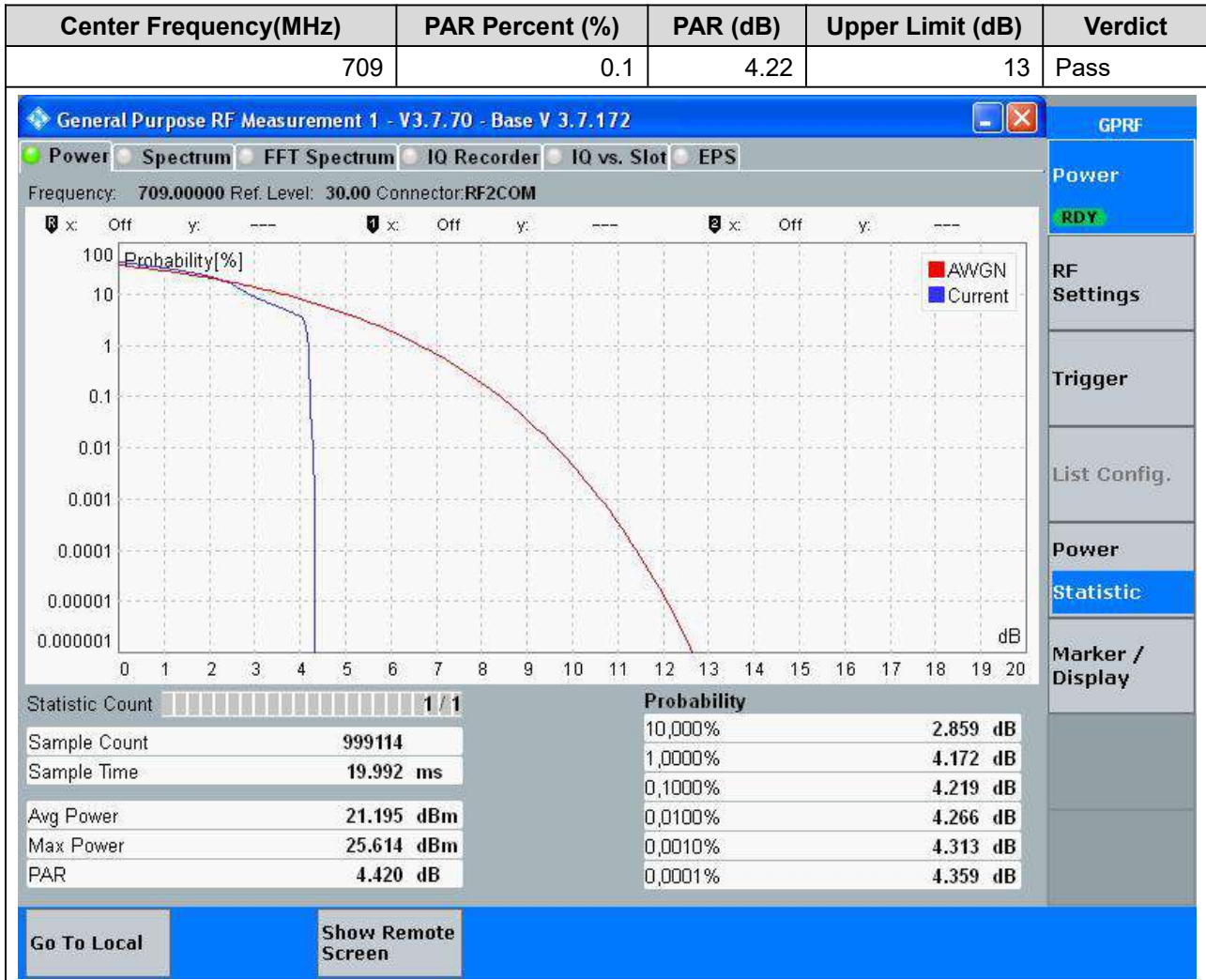
11.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



11.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



11.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



11.4. LTE Peak to Average Ratio(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	5.86	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: 709.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count	Value	Probability	Value
Sample Count	1023670	10,000%	2.906 dB
Sample Time	20.483 ms	1,0000%	4.969 dB
Avg Power	19.911 dBm	0,1000%	5.859 dB
Max Power	26.628 dBm	0,0100%	6.281 dB
PAR	6.716 dB	0,0010%	6.516 dB
		0,0001%	6.609 dB

Go To Local Show Remote Screen

11.5. LTE Peak to Average Ratio(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	3.42	13	Pass

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

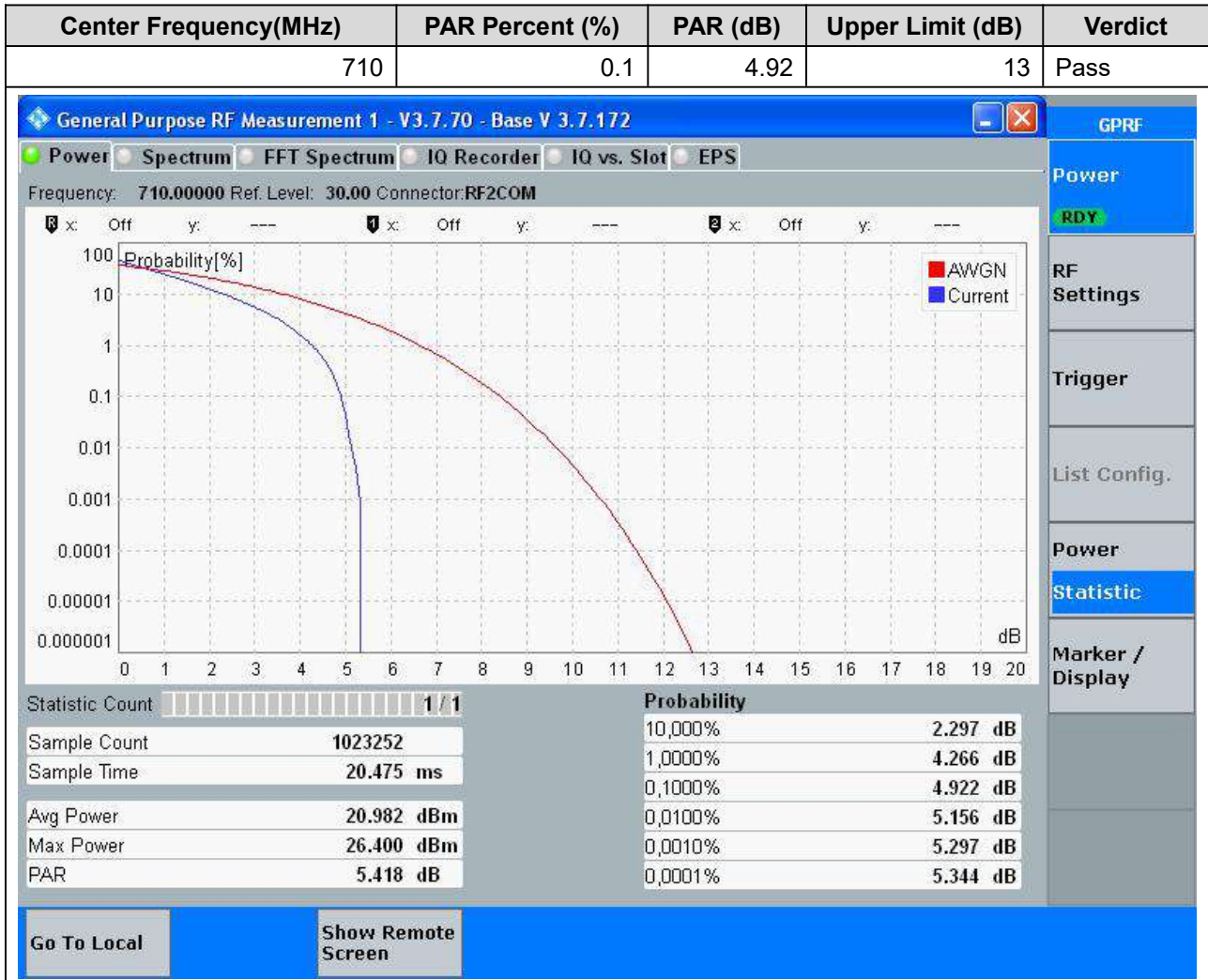
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 710.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count	Value	Probability	Value
Sample Count	999512	10,000%	2.719 dB
Sample Time	20.000 ms	1,0000%	3.422 dB
Avg Power	22.290 dBm	0,1000%	3.422 dB
Max Power	25.852 dBm	0,0100%	3.469 dB
PAR	3.562 dB	0,0001%	3.516 dB

Go To Local Show Remote Screen

11.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



11.7. LTE Peak to Average Ratio(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	4.31	13	Pass

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

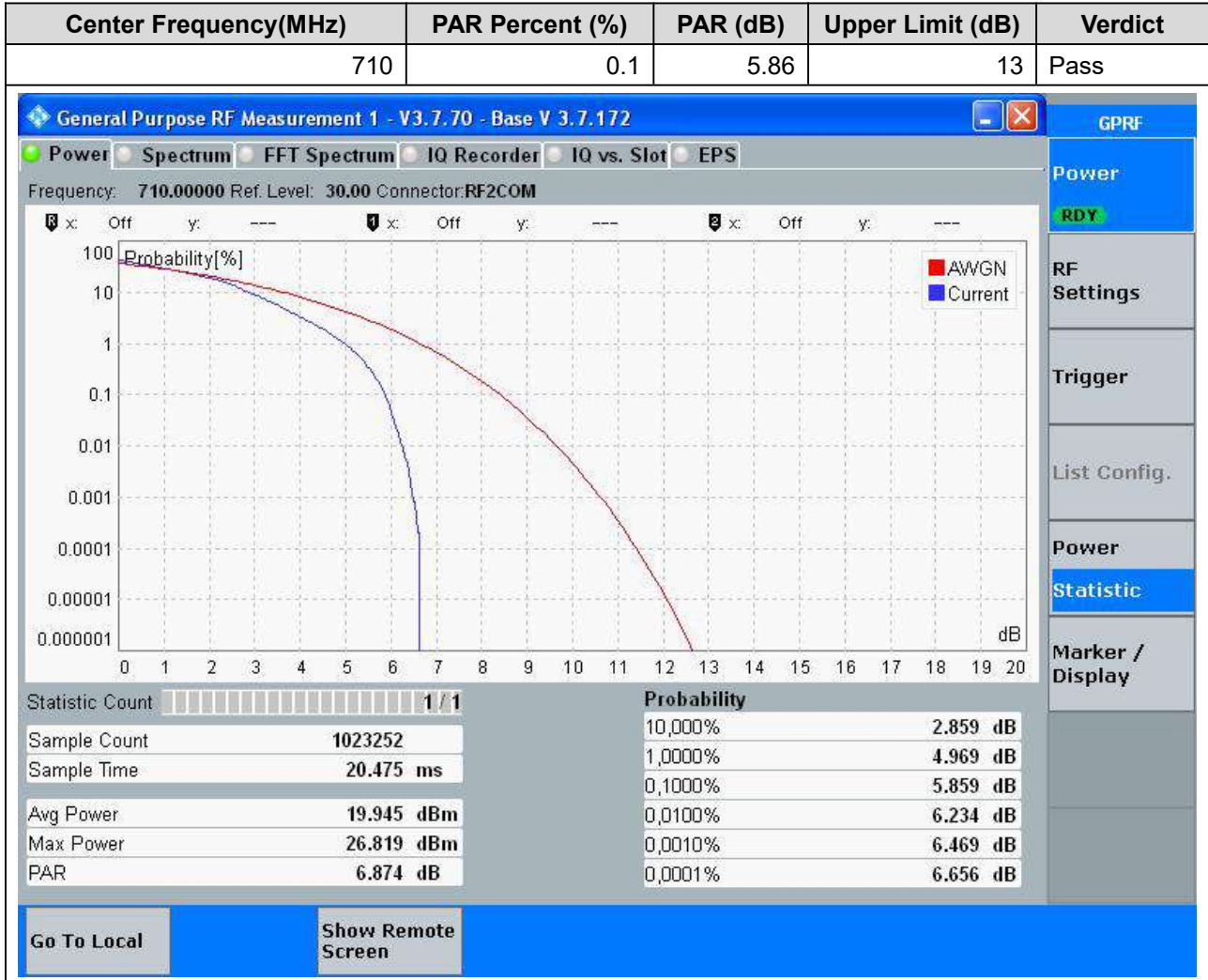
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 710.00000 Ref. Level: 30.00 Connector:RF2COM

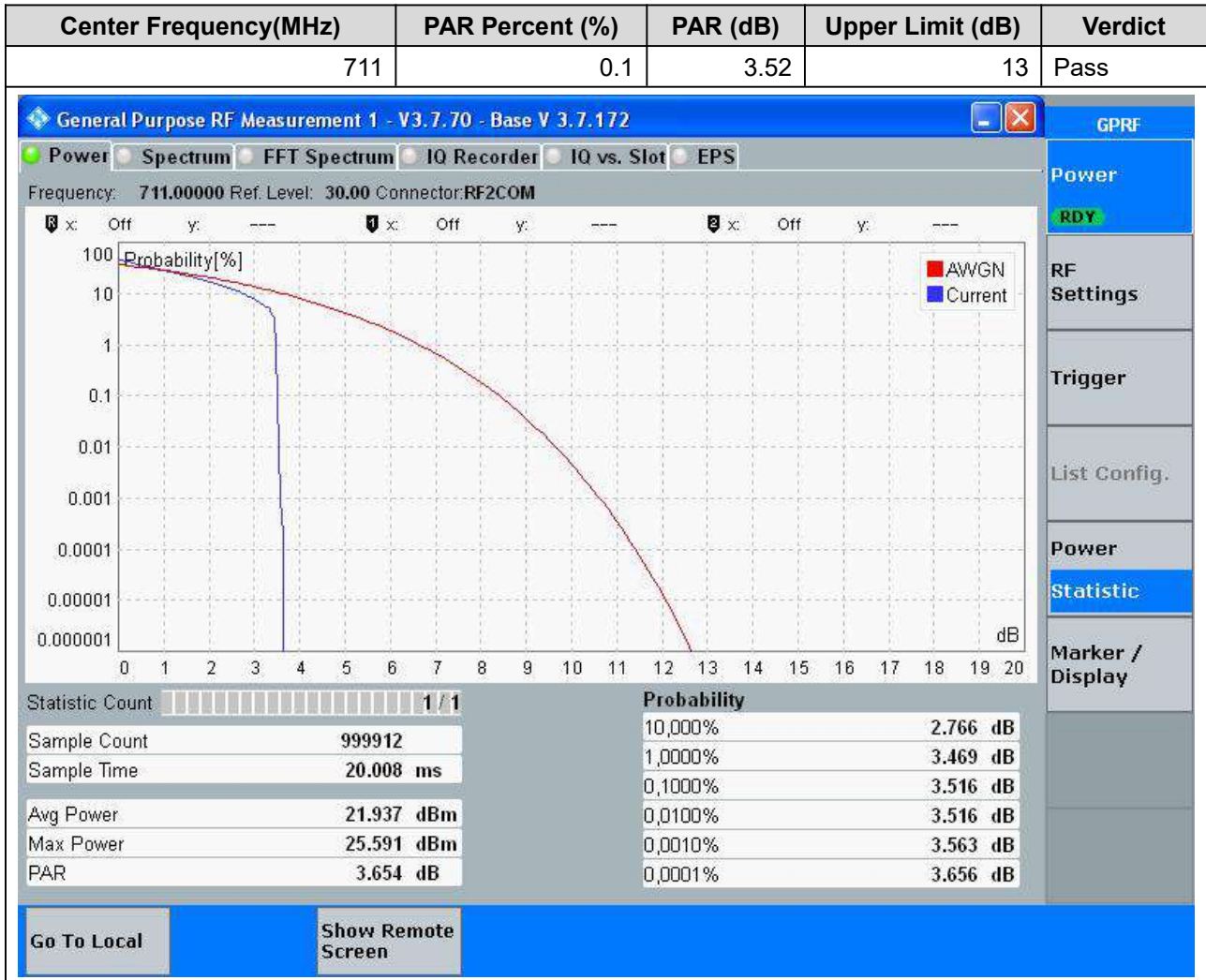
Statistic Count	Value	Probability	Value
Sample Count	999912	10,000%	2.906 dB
Sample Time	20.008 ms	1,0000%	4.266 dB
Avg Power	21.209 dBm	0,1000%	4.313 dB
Max Power	25.619 dBm	0,0010%	4.359 dB
PAR	4.410 dB	0,0001%	4.359 dB

Go To Local Show Remote Screen

11.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



11.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



11.10. LTE Peak to Average Ratio(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	4.92	13	Pass

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

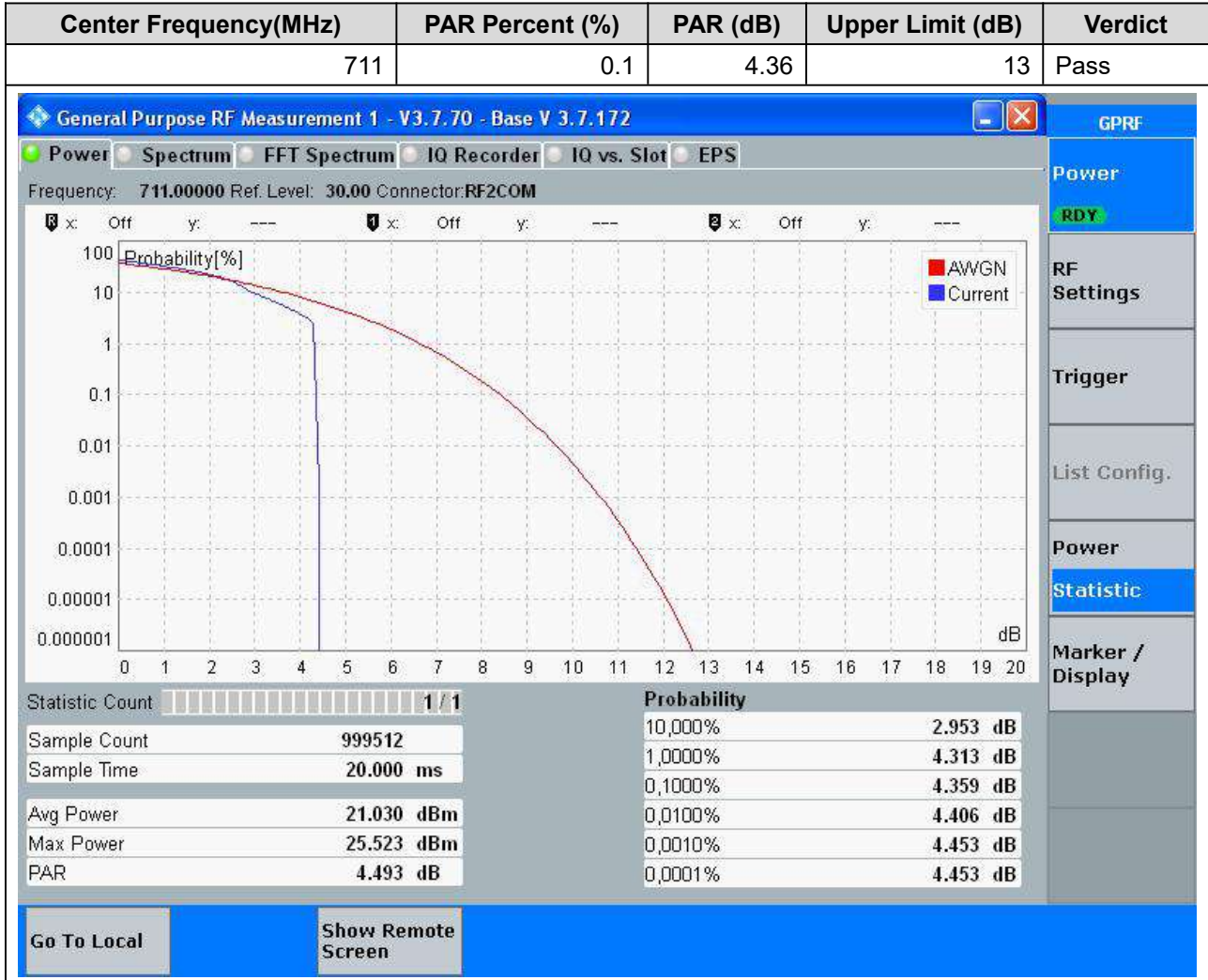
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM

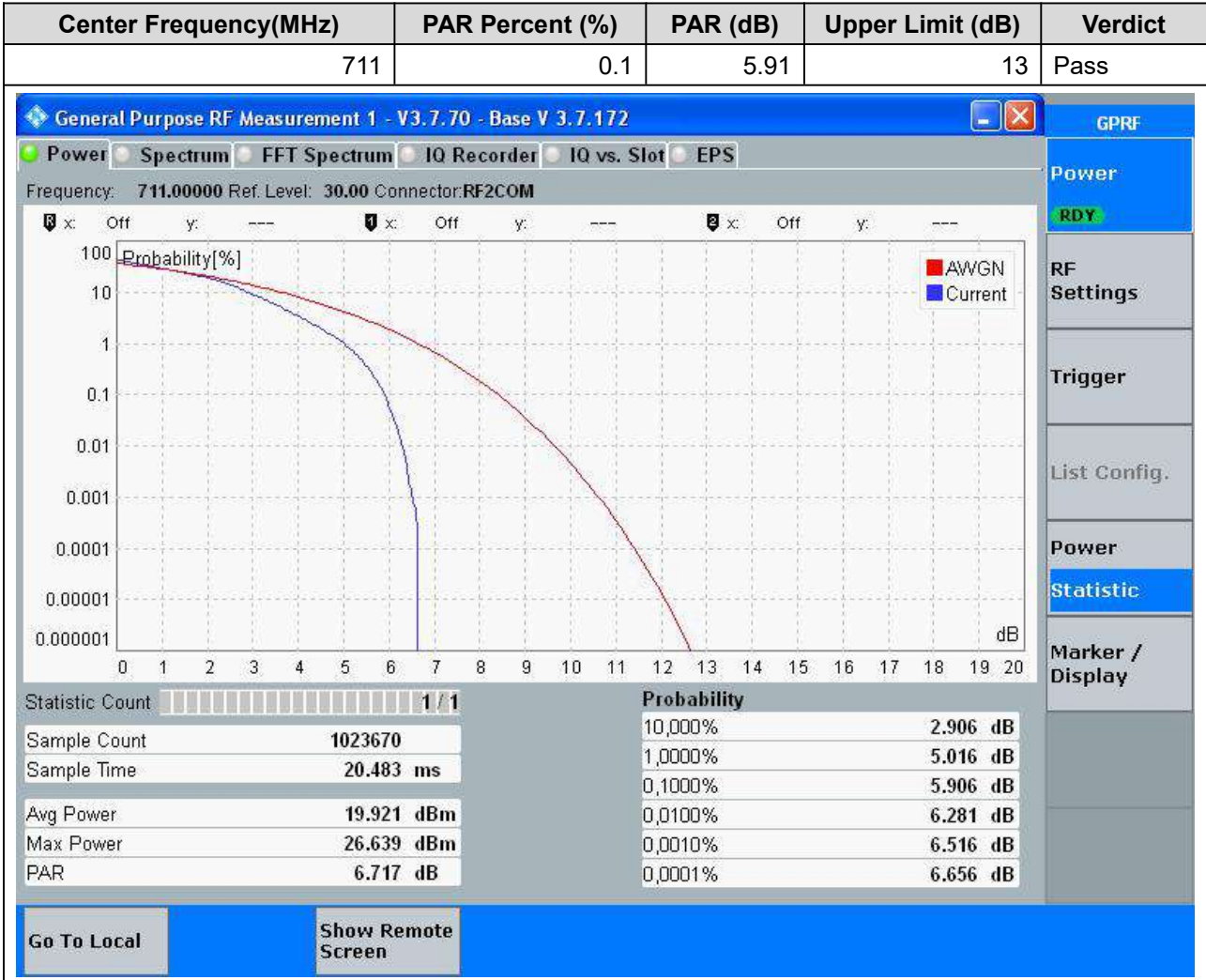
Statistic Count	Value	Probability	Value
Sample Count	1023252	10,000%	2.344 dB
Sample Time	20.475 ms	1,0000%	4.313 dB
Avg Power	20.998 dBm	0,1000%	4.922 dB
Max Power	26.504 dBm	0,0100%	5.203 dB
PAR	5.506 dB	0,0010%	5.344 dB
		0,0001%	5.438 dB

Go To Local Show Remote Screen

11.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

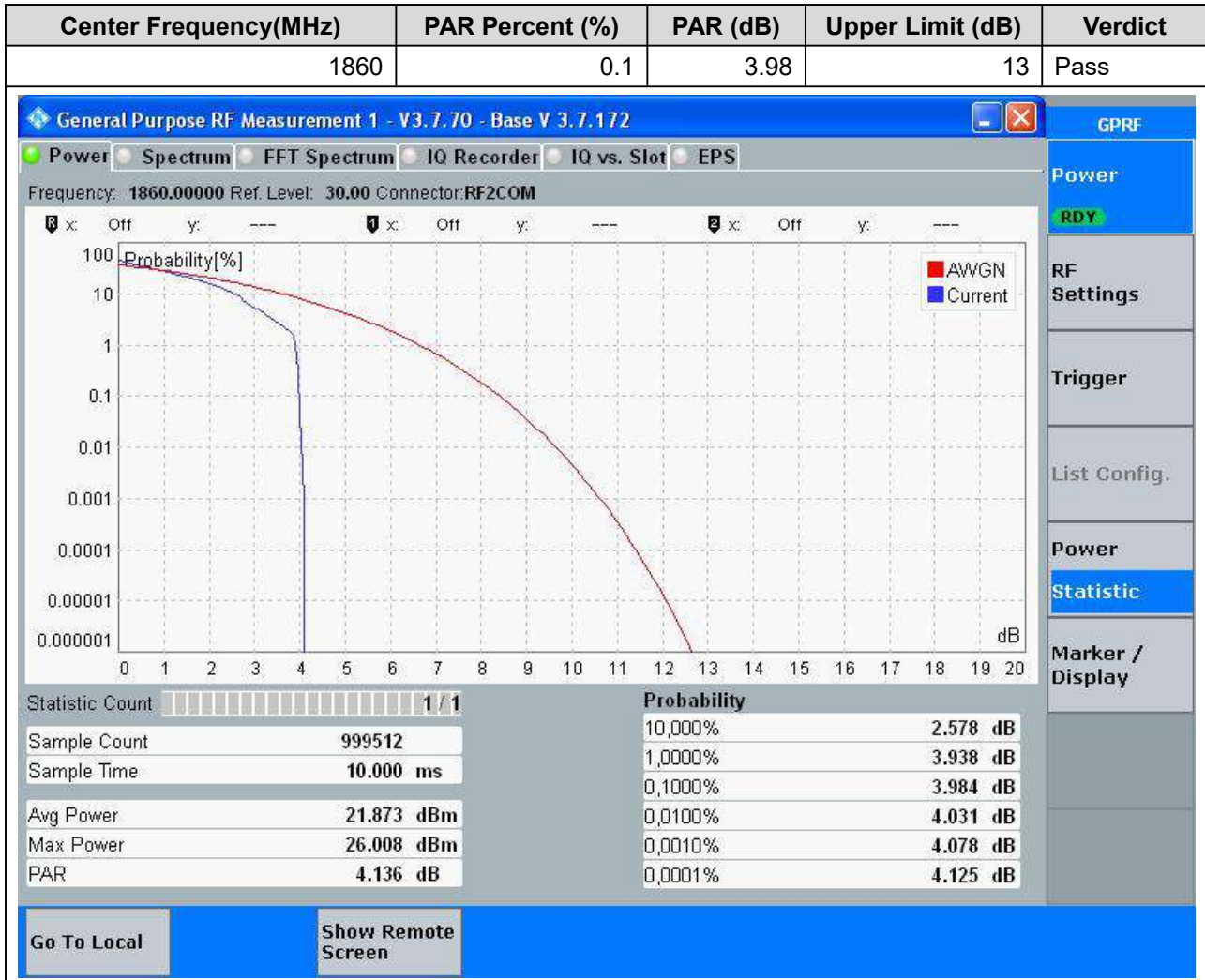


11.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

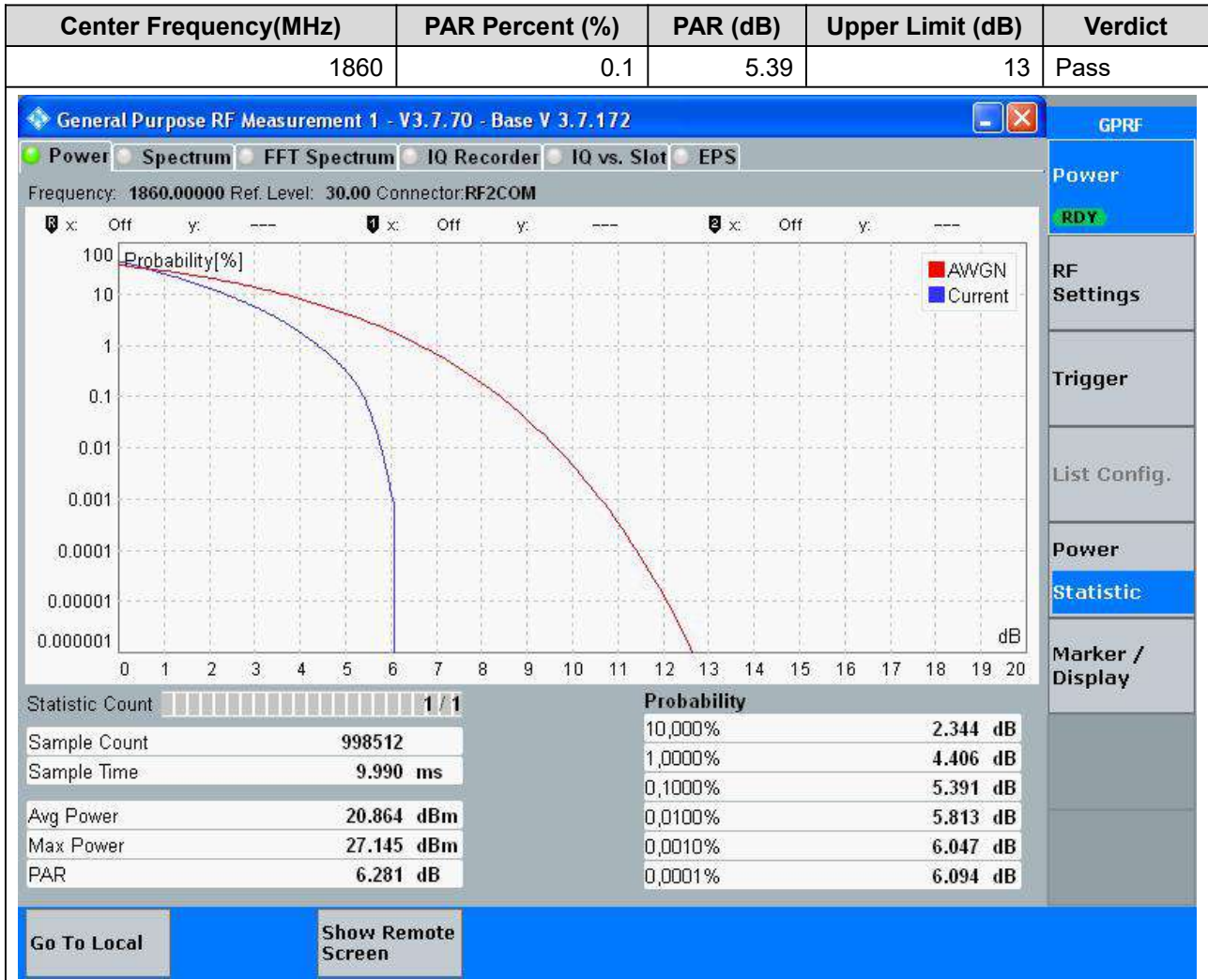


12. LTE_Band25

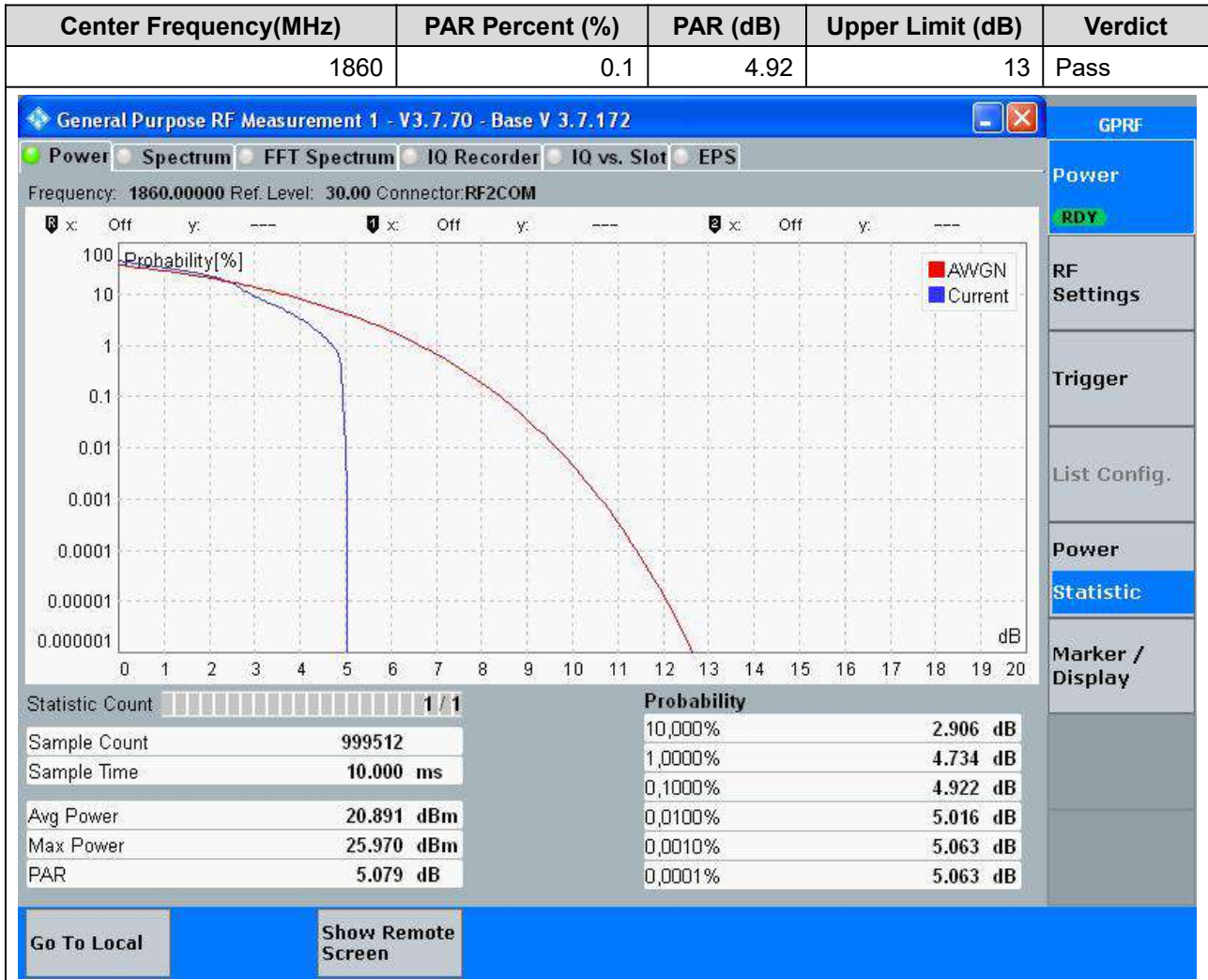
12.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:26140, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



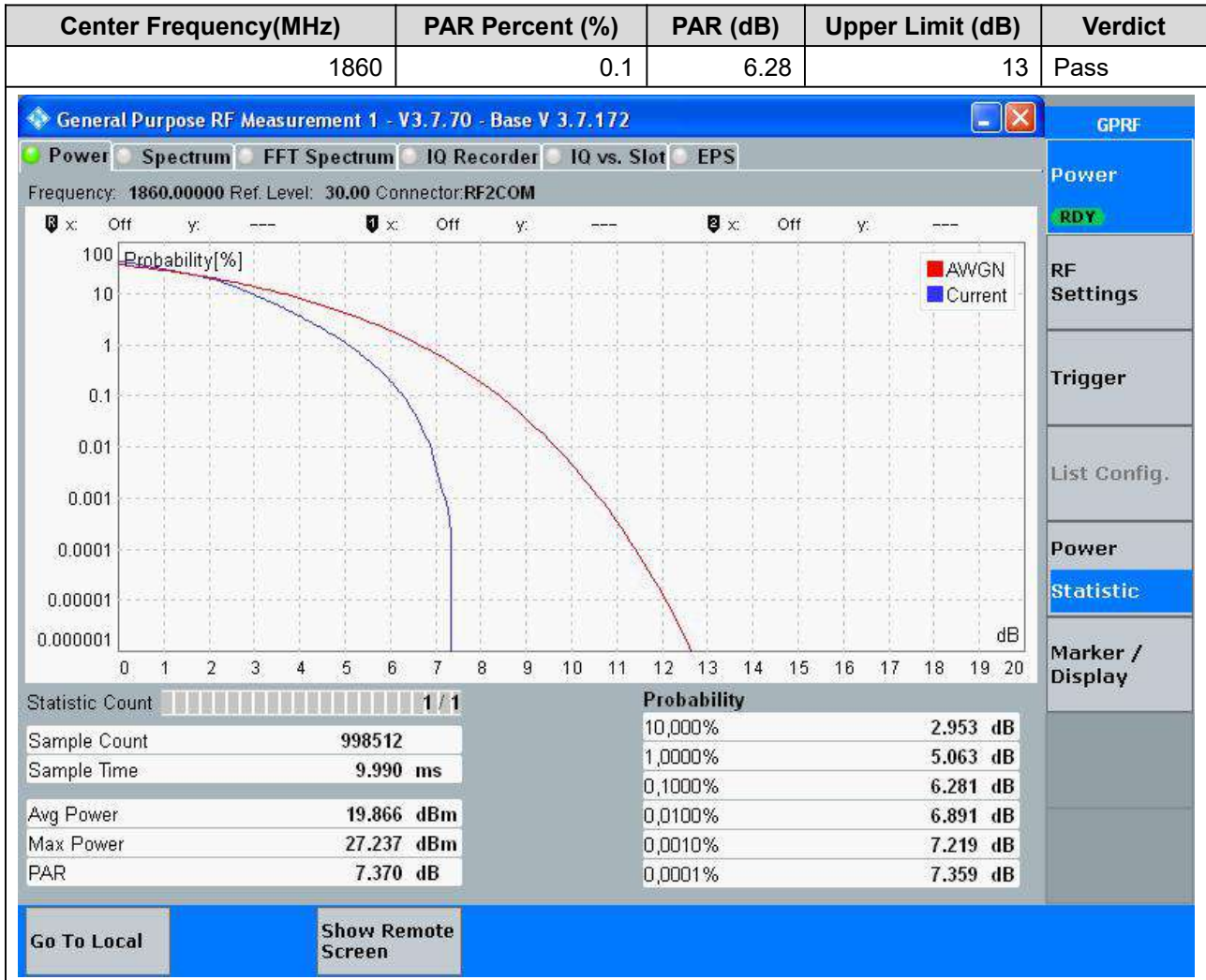
12.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:26140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



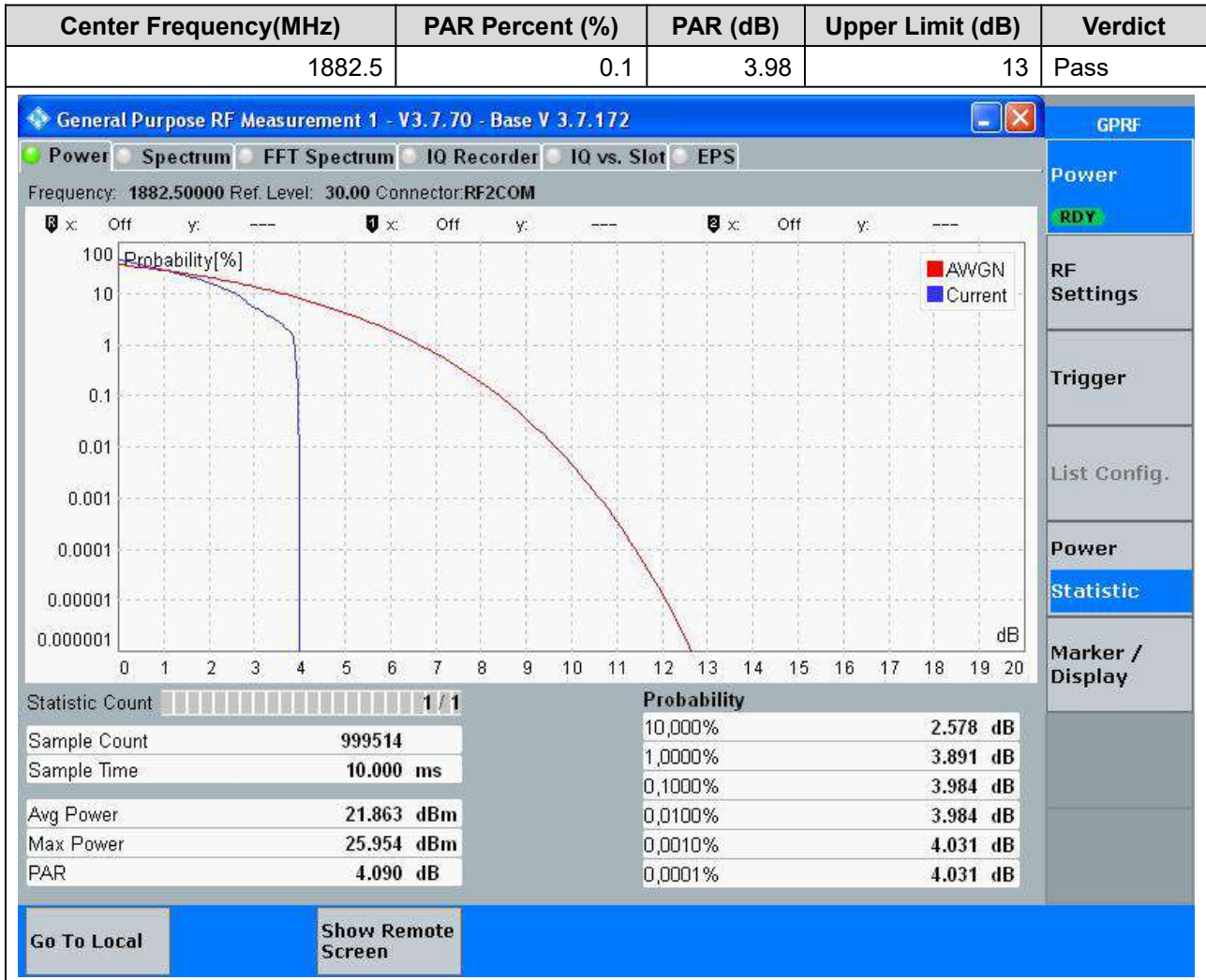
12.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:26140, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



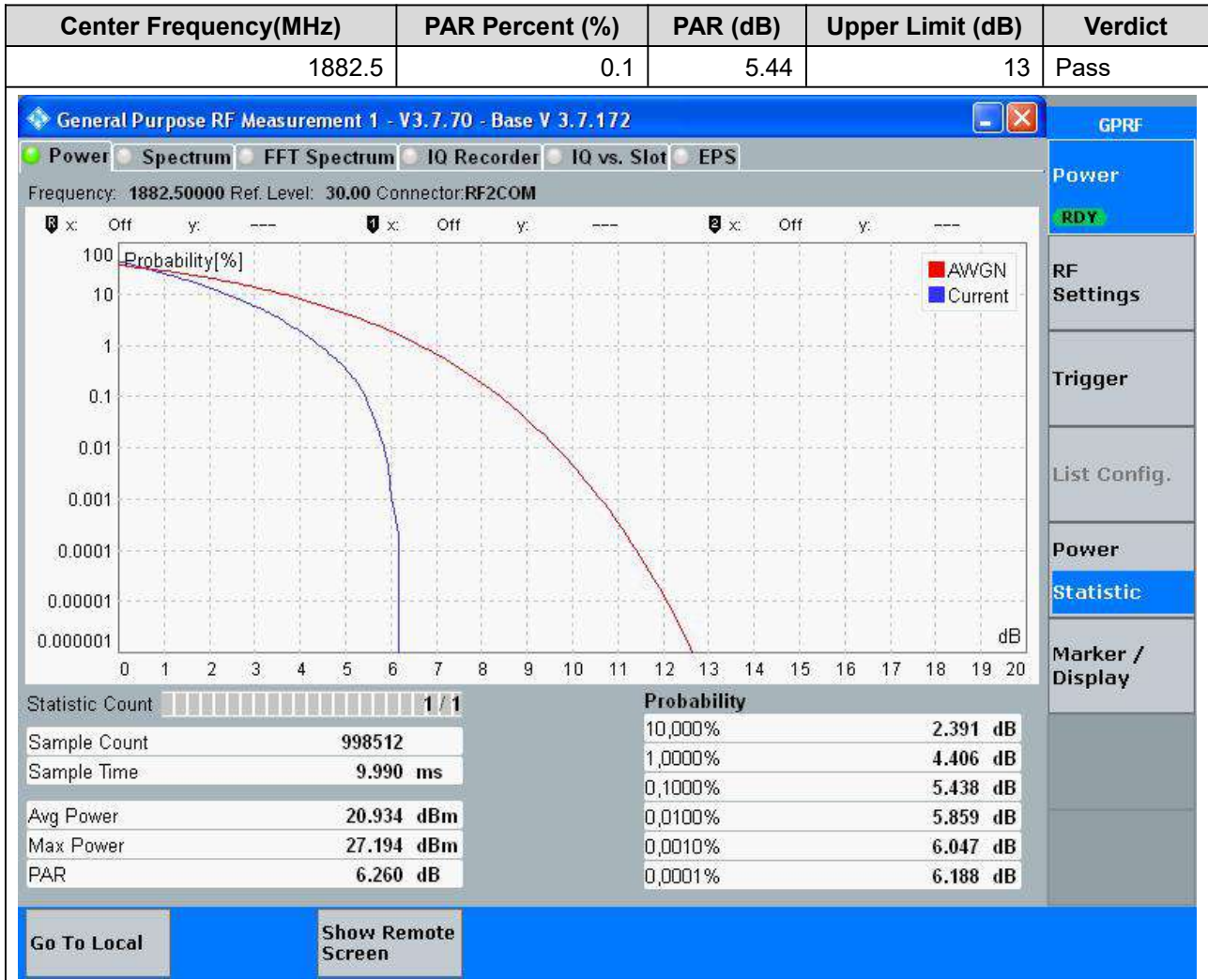
12.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:26140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



12.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:26365, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



12.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:26365, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



12.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:26365, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

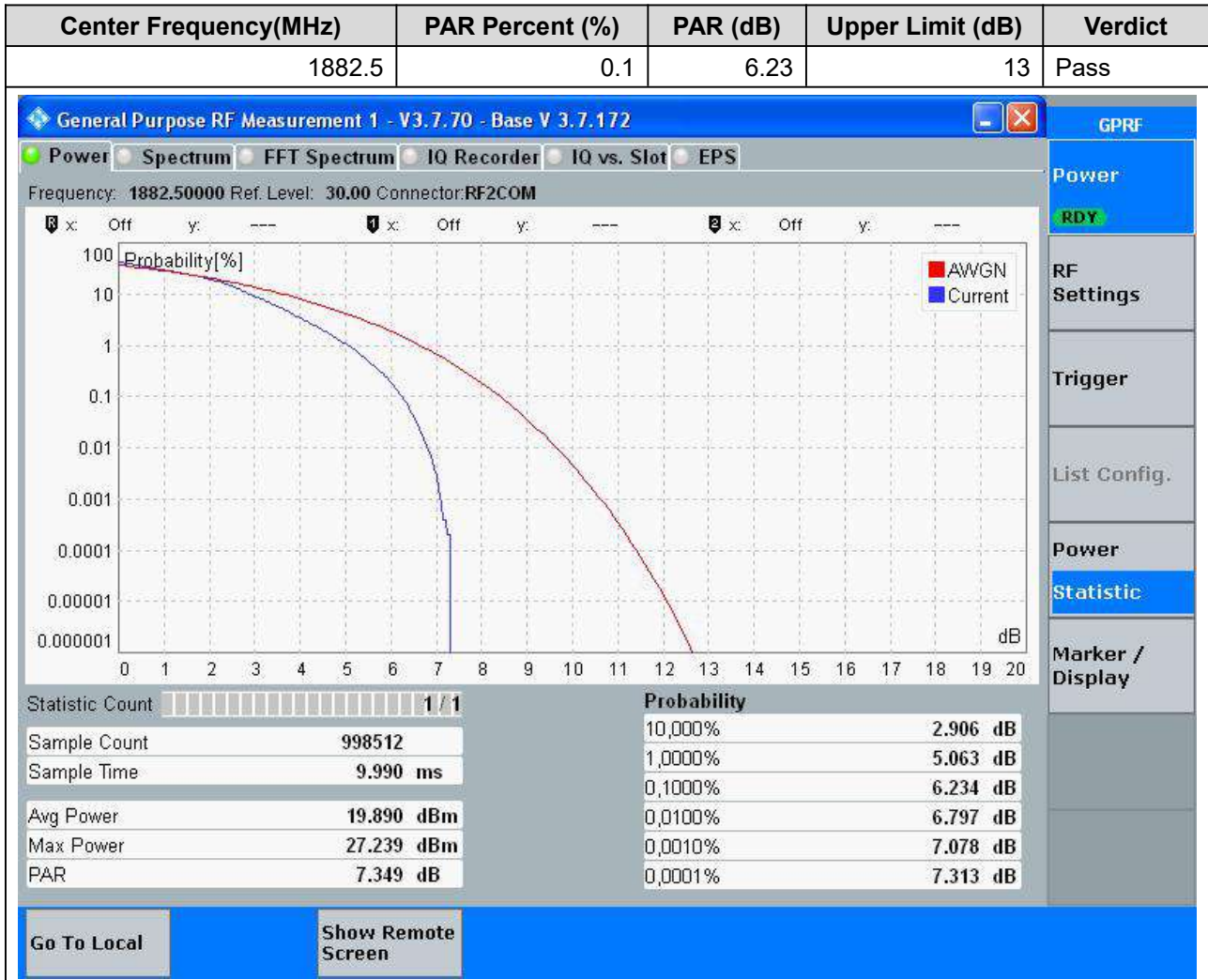
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1882.5	0.1	4.87	13	Pass

The screenshot displays the 'General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172' 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 5 dB, while the 'AWGN' curve is broader. Below the plot is a summary table:

Statistic Count		Probability	
Sample Count	999514	10,000%	2.906 dB
Sample Time	10.000 ms	1,0000%	4.594 dB
Avg Power	21.037 dBm	0,1000%	4.875 dB
Max Power	26.005 dBm	0,0100%	4.922 dB
PAR	4.967 dB	0,0001%	4.969 dB

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

12.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:26365, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



12.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:26590, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

