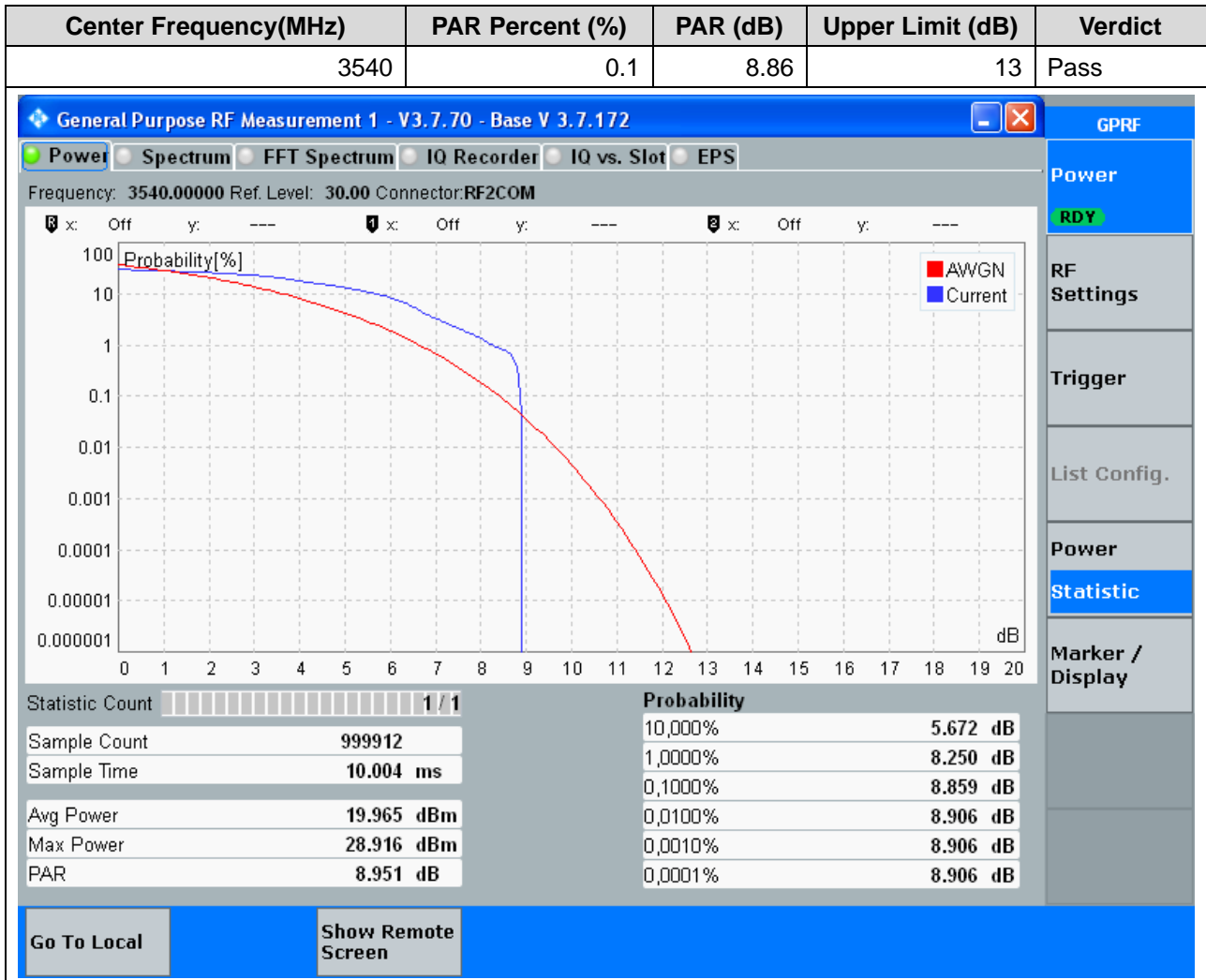
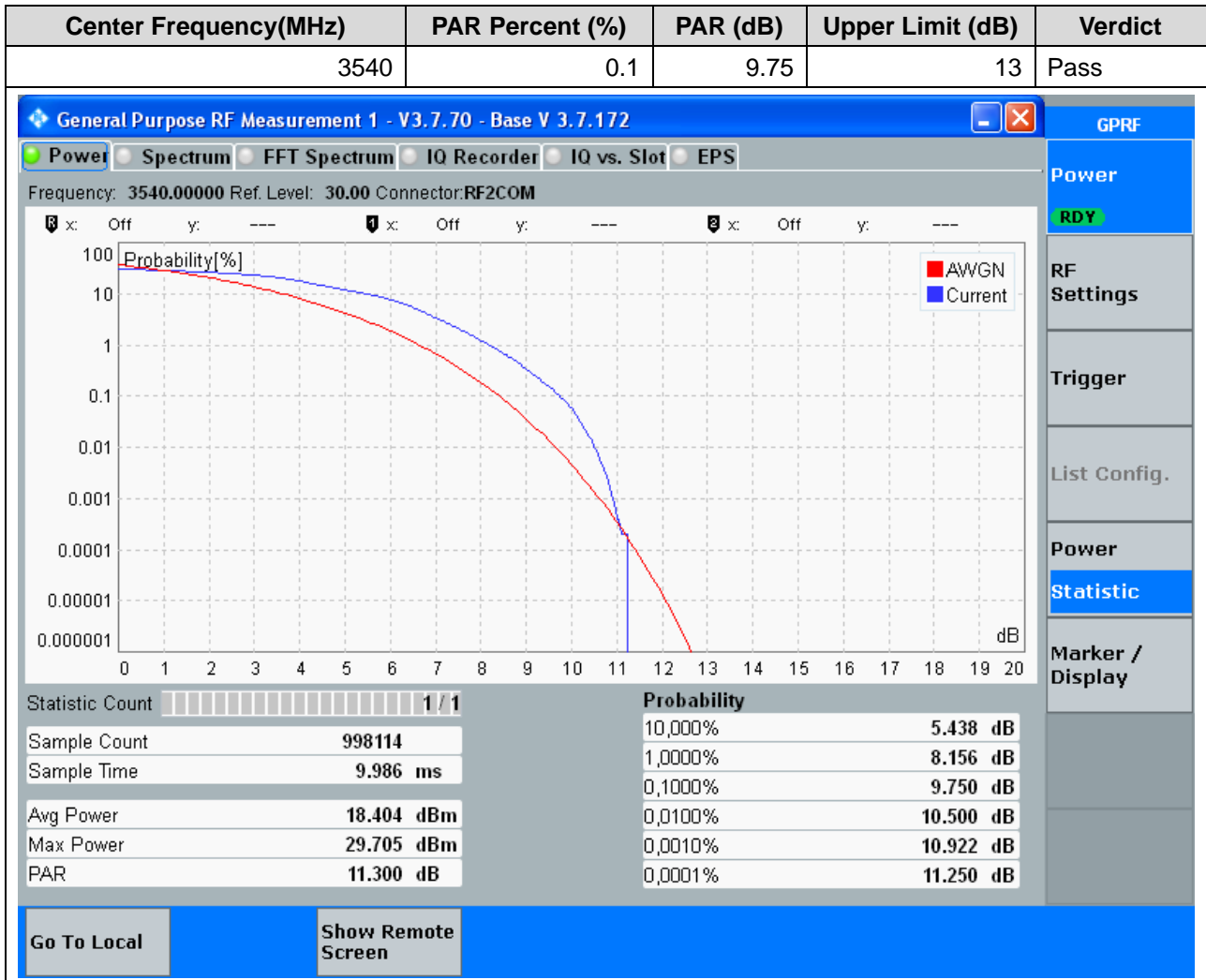


7.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:42990, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

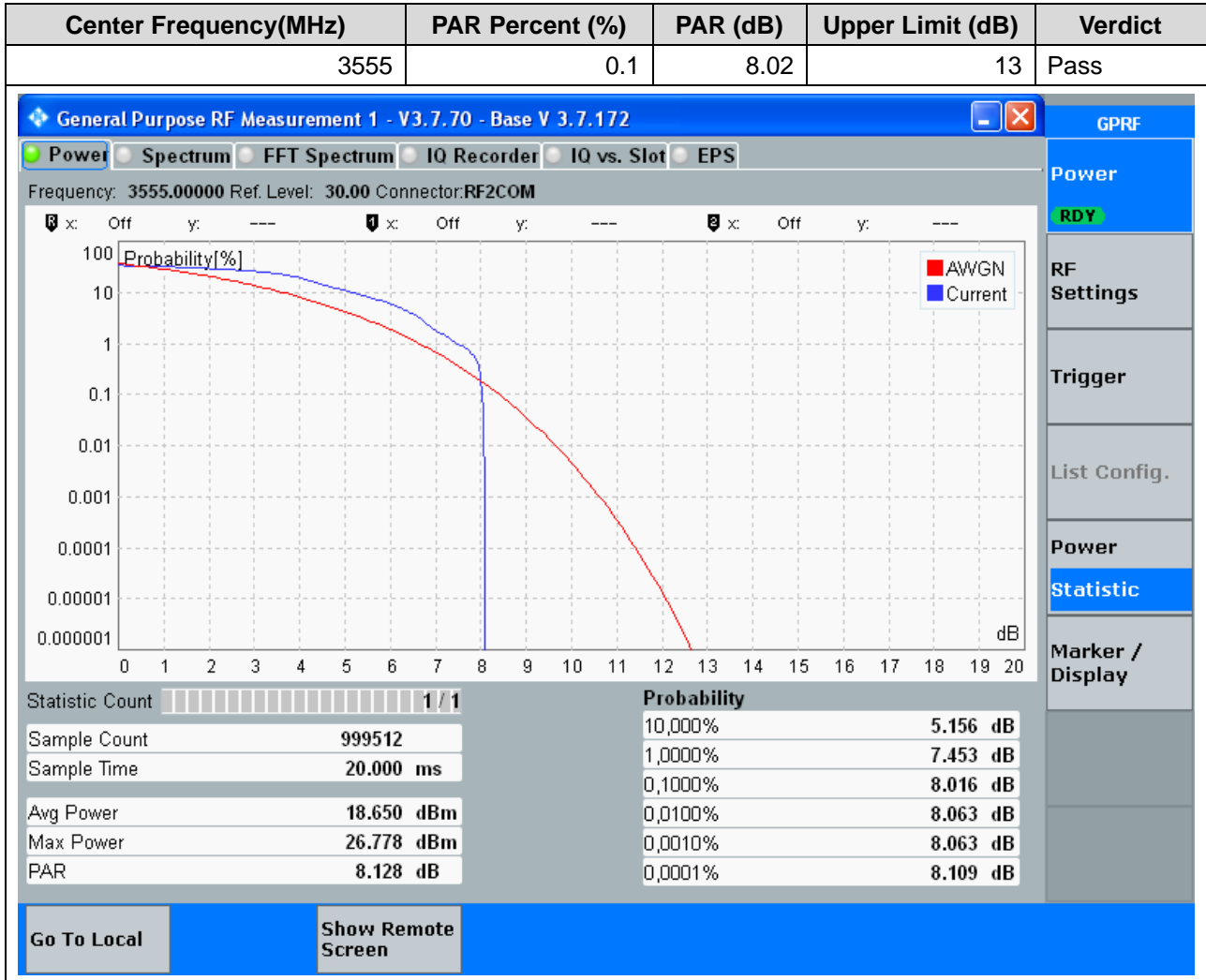


7.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:42990, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



1. LTE_Band48

1.1. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:1, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



1.2. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:2, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3555	0.1	8.86	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

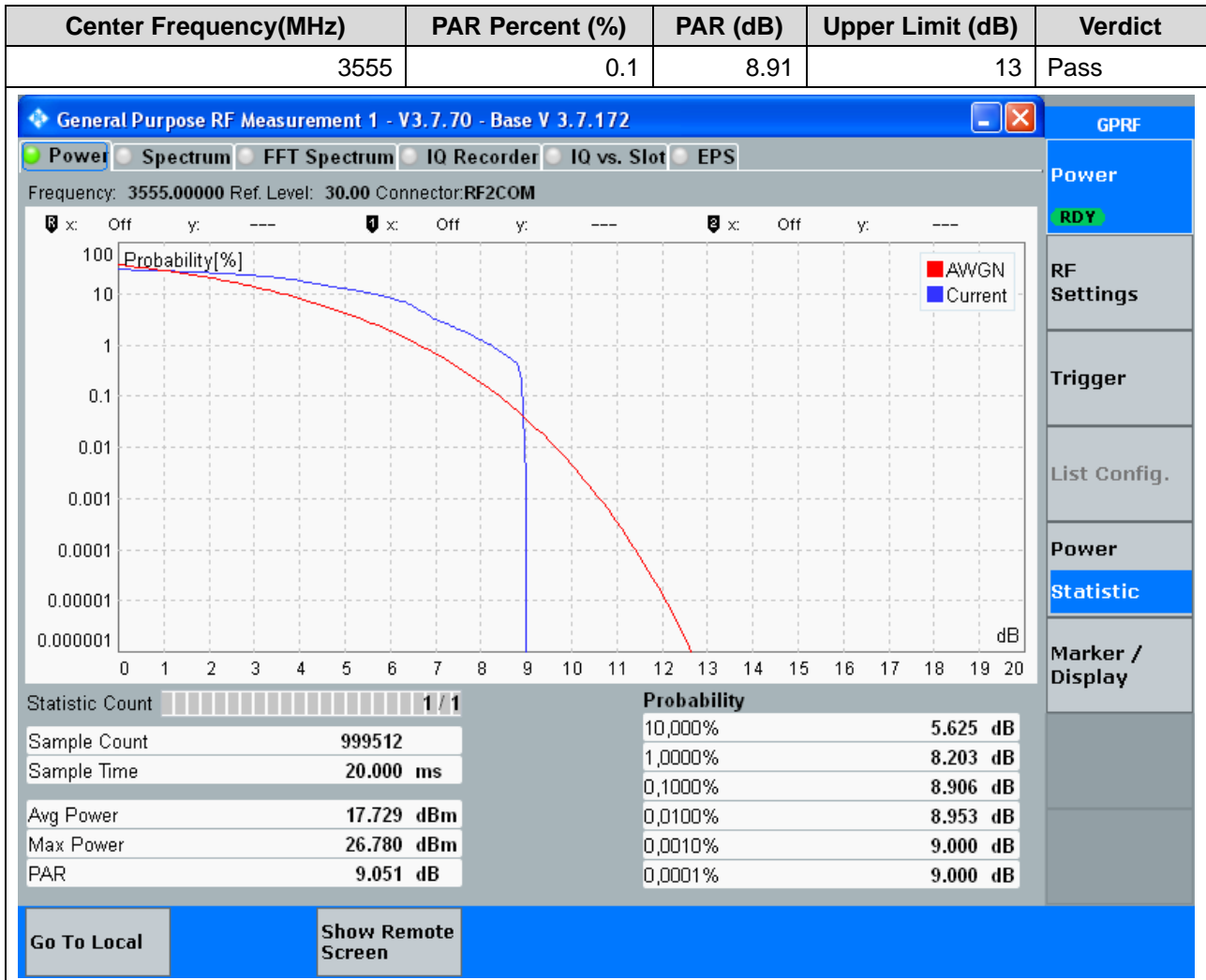
Frequency: 3555.00000 Ref. Level: 30.00 Connector:RF2COM

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

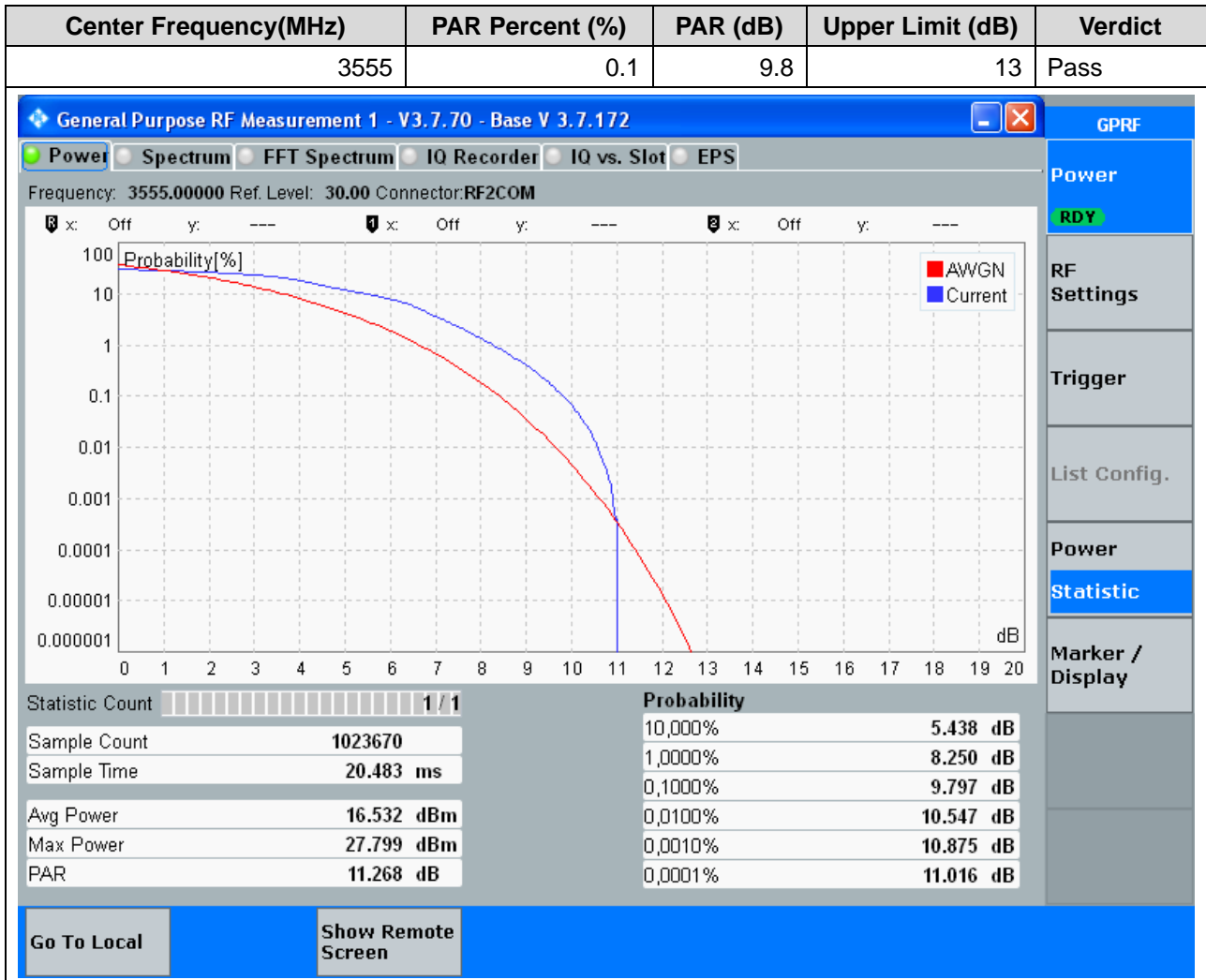
Statistic Count		Probability	
Sample Count	1023670	10,000%	4.828 dB
Sample Time	20.483 ms	1,0000%	7.500 dB
Avg Power	17.841 dBm	0,1000%	8.859 dB
Max Power	27.782 dBm	0,0100%	9.469 dB
PAR	9.941 dB	0,0010%	9.797 dB
		0,0001%	9.891 dB

Go To Local
Show Remote Screen

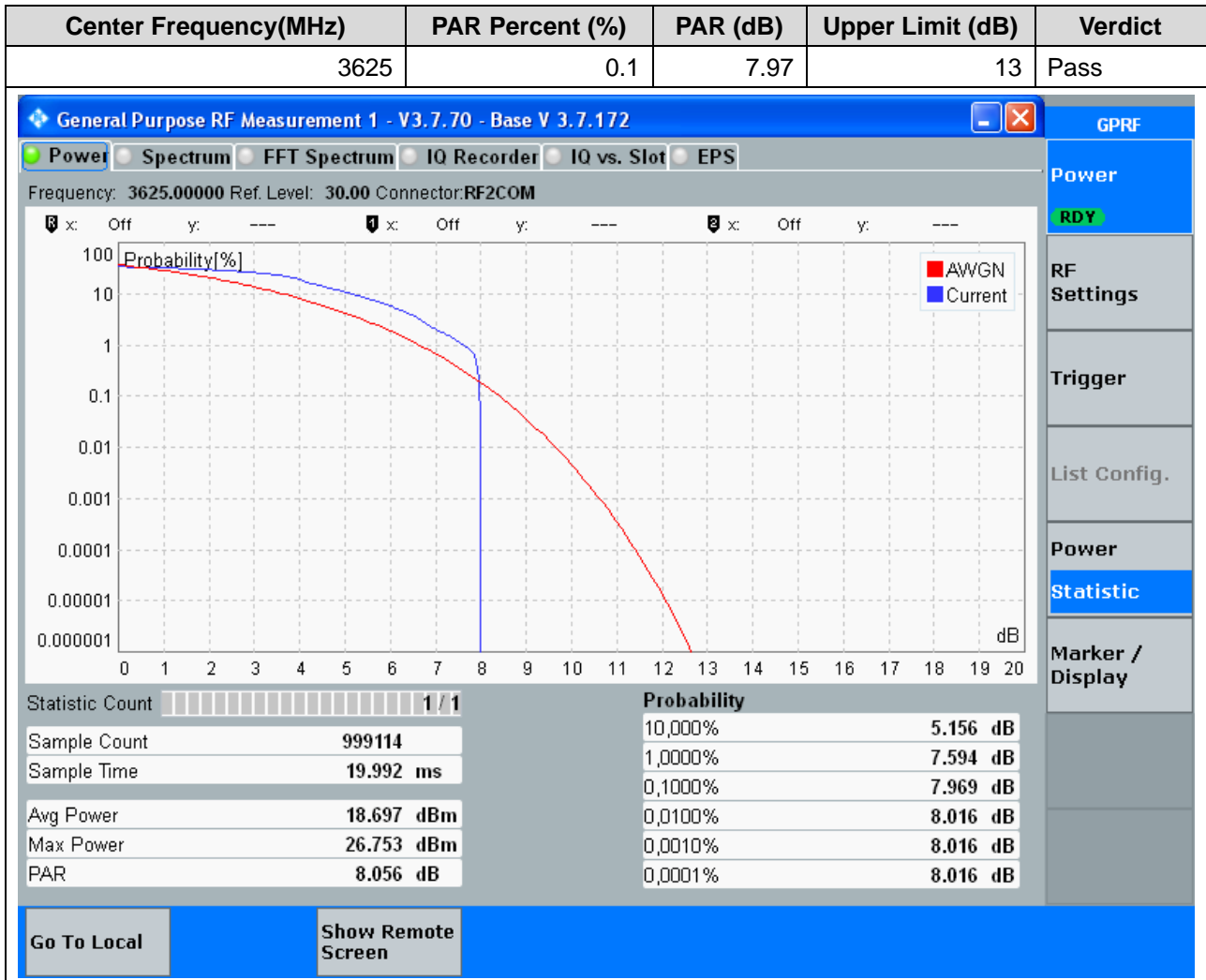
1.3. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:3, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



1.4. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:4, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



1.5. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:5, Channel:55990, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



1.6. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:6, Channel:55990, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3625	0.1	9.09	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: 3625.00000 Ref. Level: 30.00 Connector:RF2COM

Probability[%]

AWGN Current

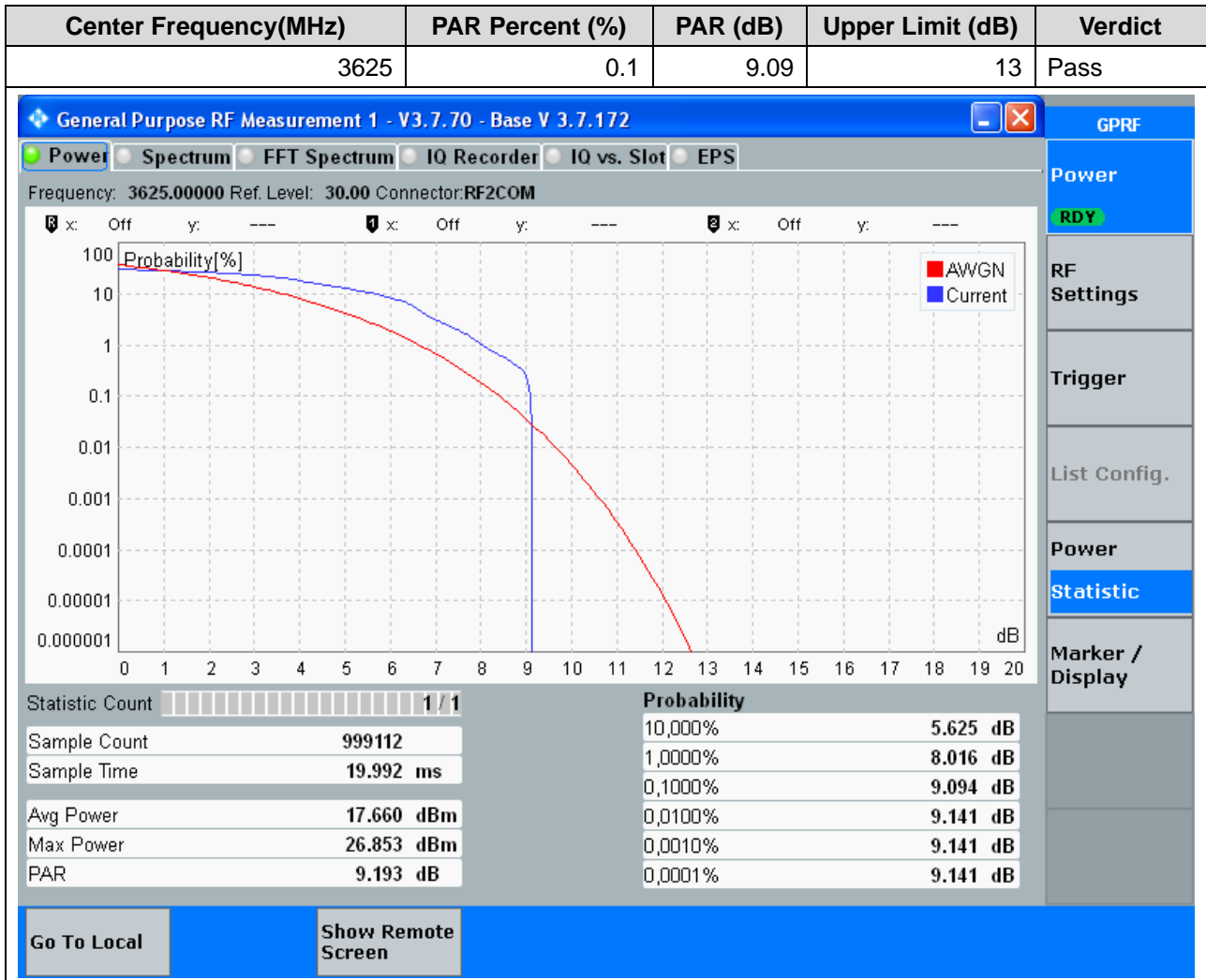
Statistic Count 1 / 1

Sample Count	Sample Time	Avg Power	Max Power	PAR
1023670	20.483 ms	17.494 dBm	27.902 dBm	10.408 dB

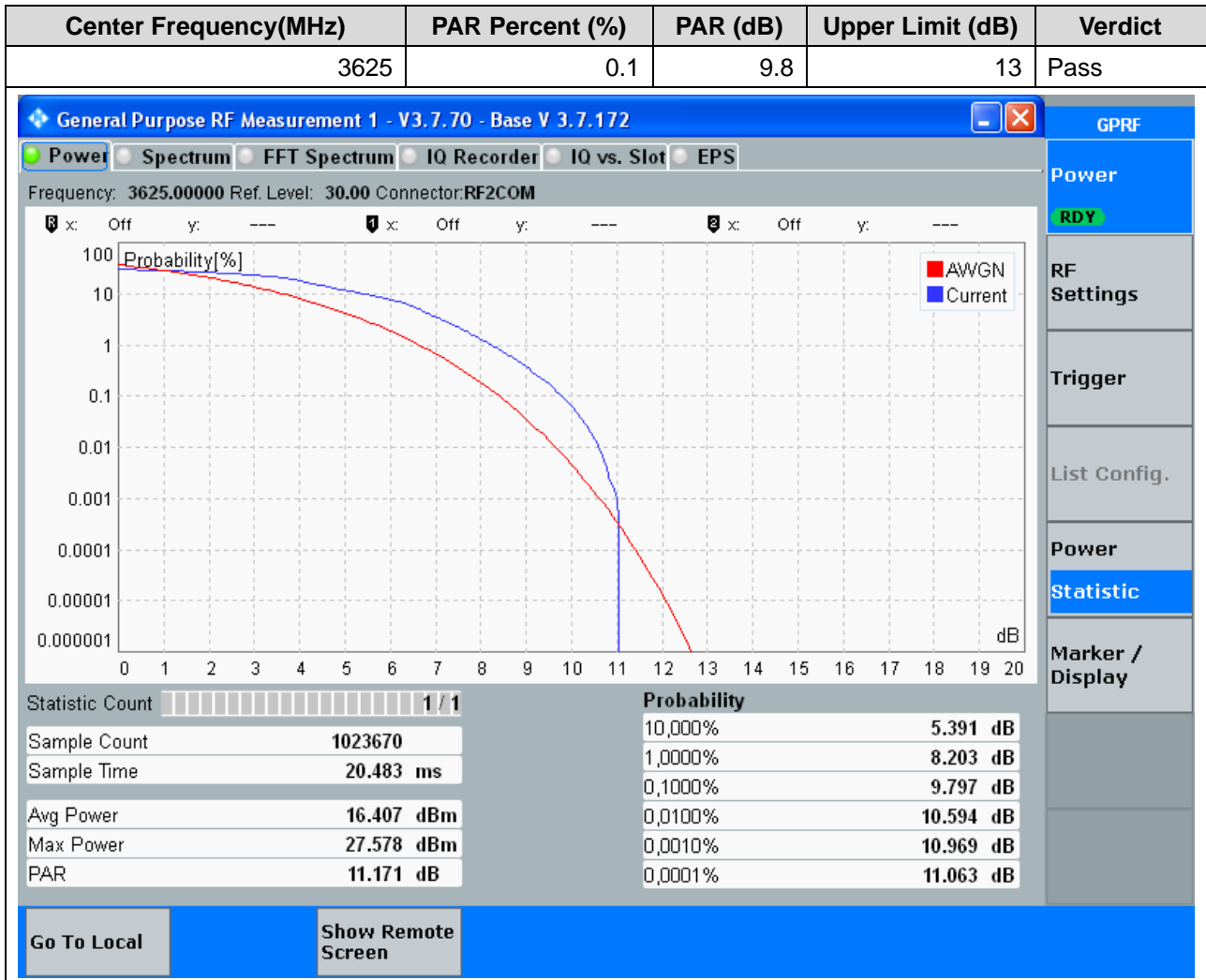
Probability	dB
10,000%	4.969 dB
1,0000%	7.688 dB
0,1000%	9.094 dB
0,0100%	9.656 dB
0,0010%	9.938 dB
0,0001%	10.125 dB

Go To Local Show Remote Screen

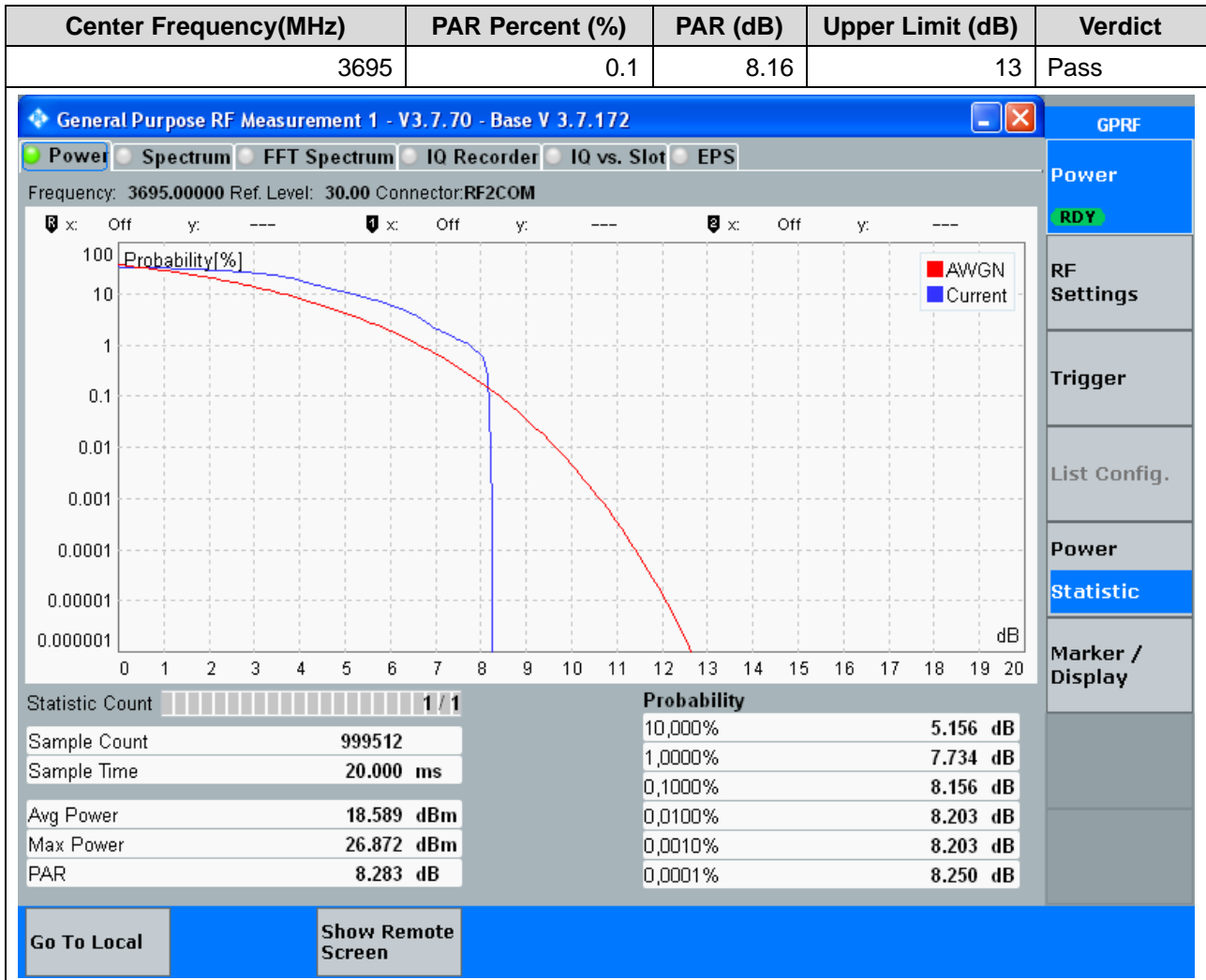
1.7. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:7, Channel:55990, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



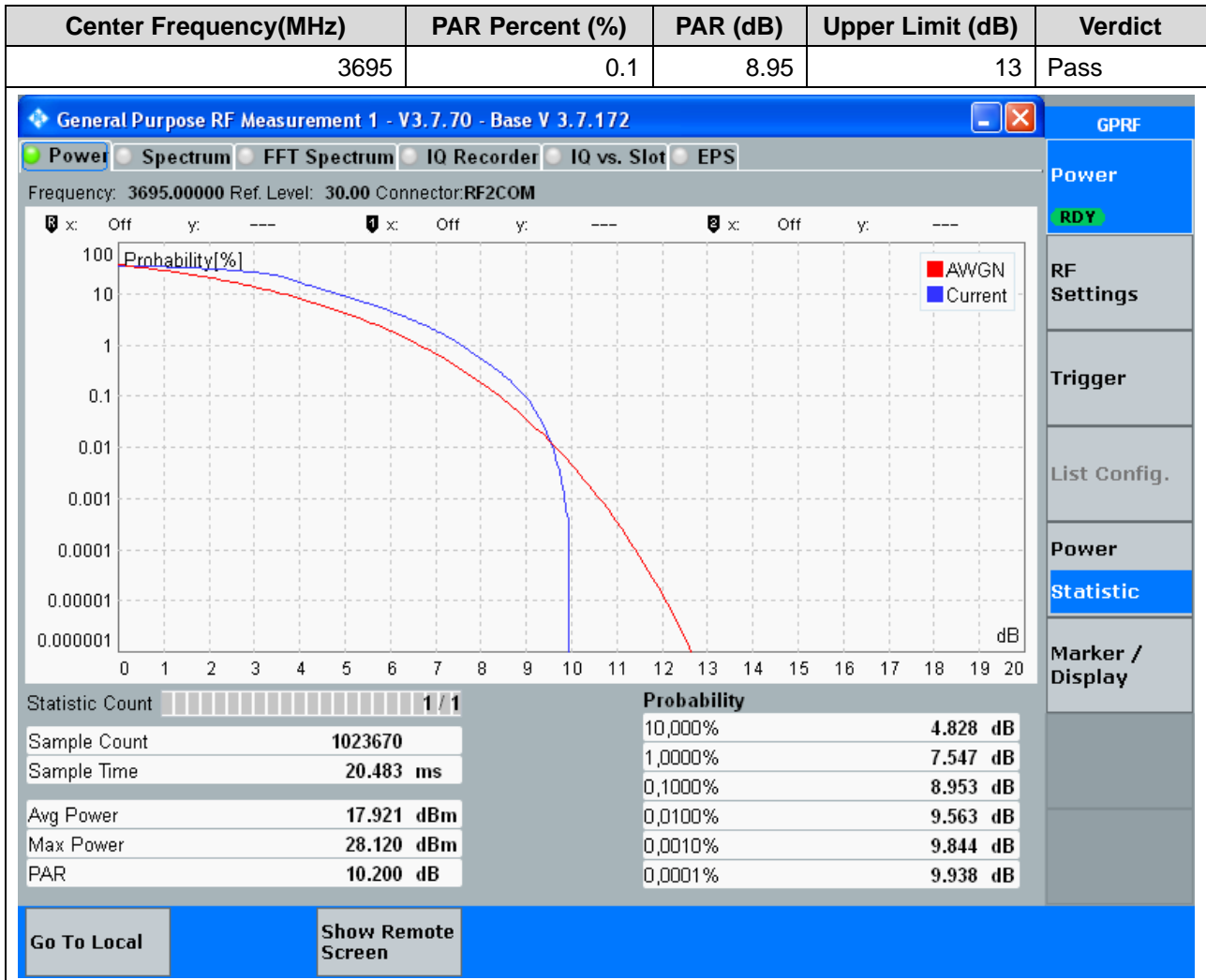
1.8. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:8, Channel:55990, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



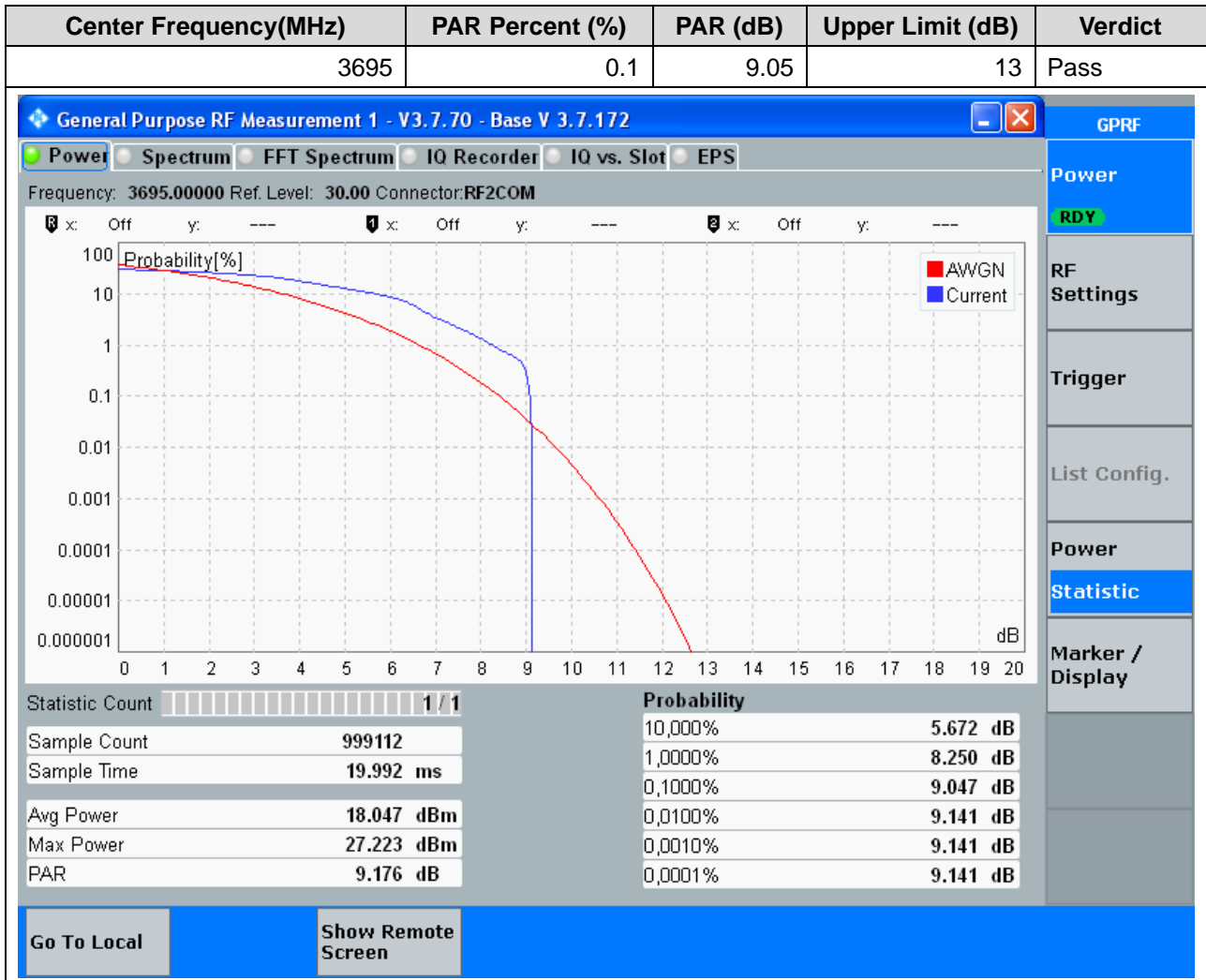
1.9. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:9, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



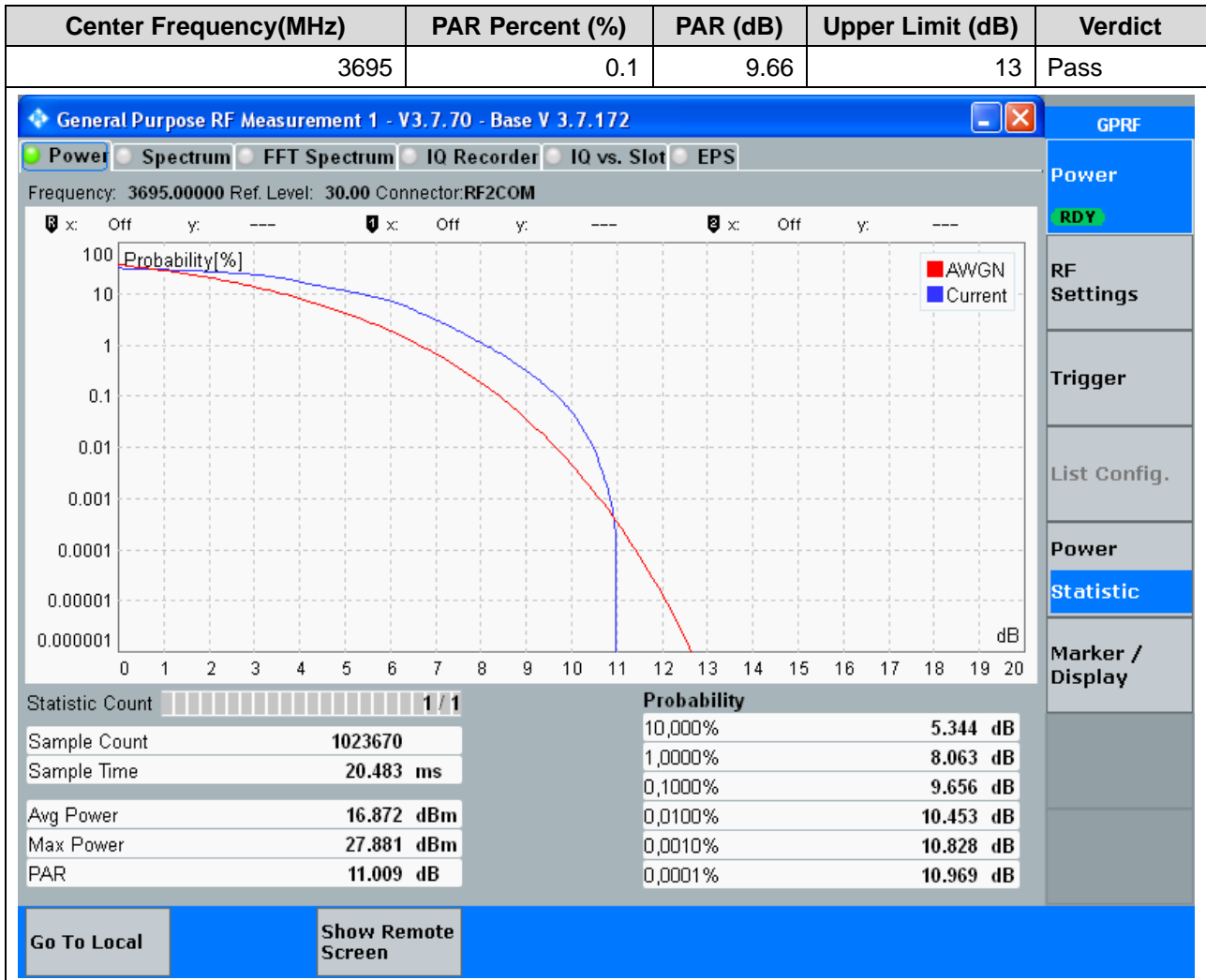
1.10. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:10, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



1.11. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:11, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

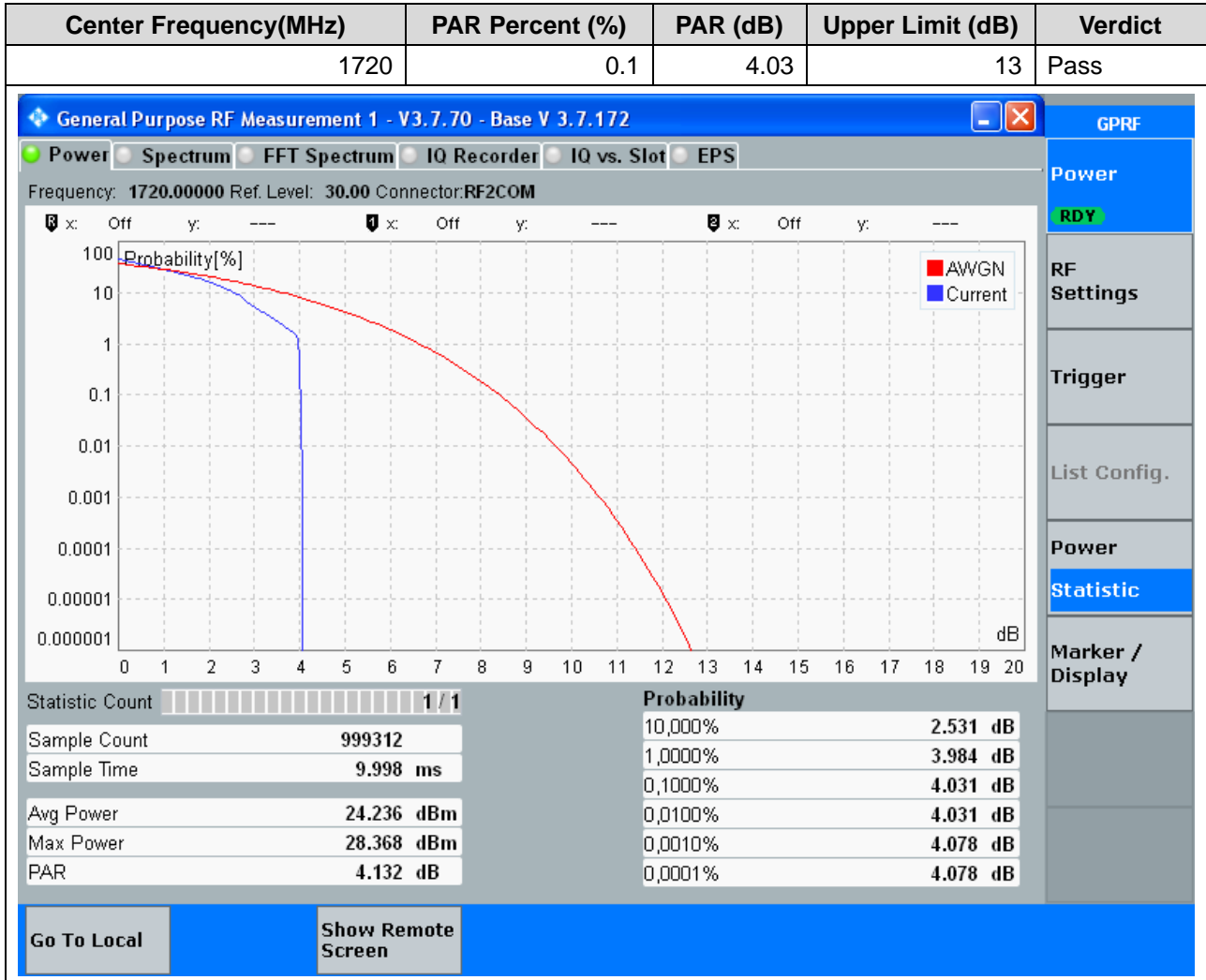


1.12. LTE Peak to Average Ratio_Part96(NTNV)(Subtest:12, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

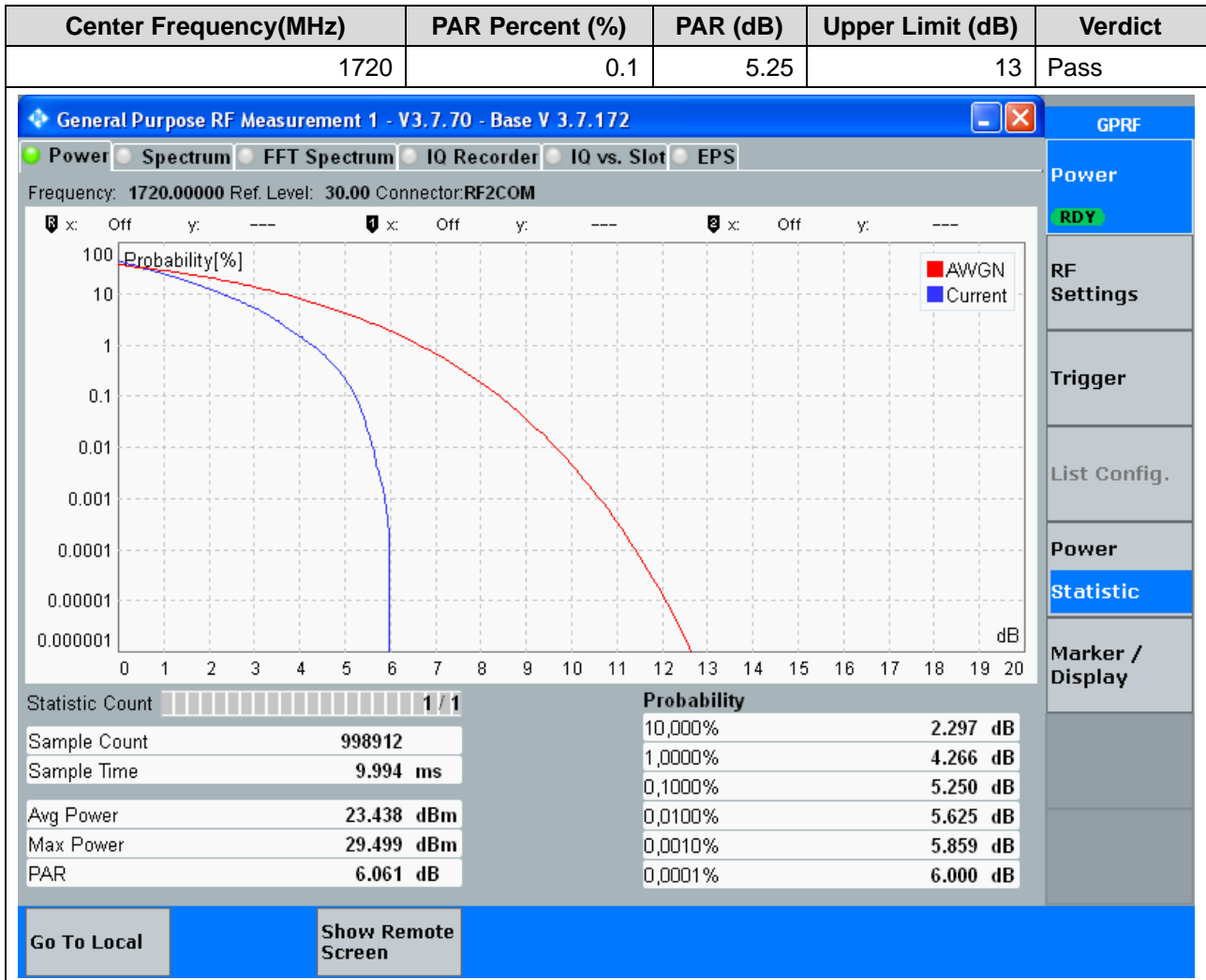


4. LTE_Band66

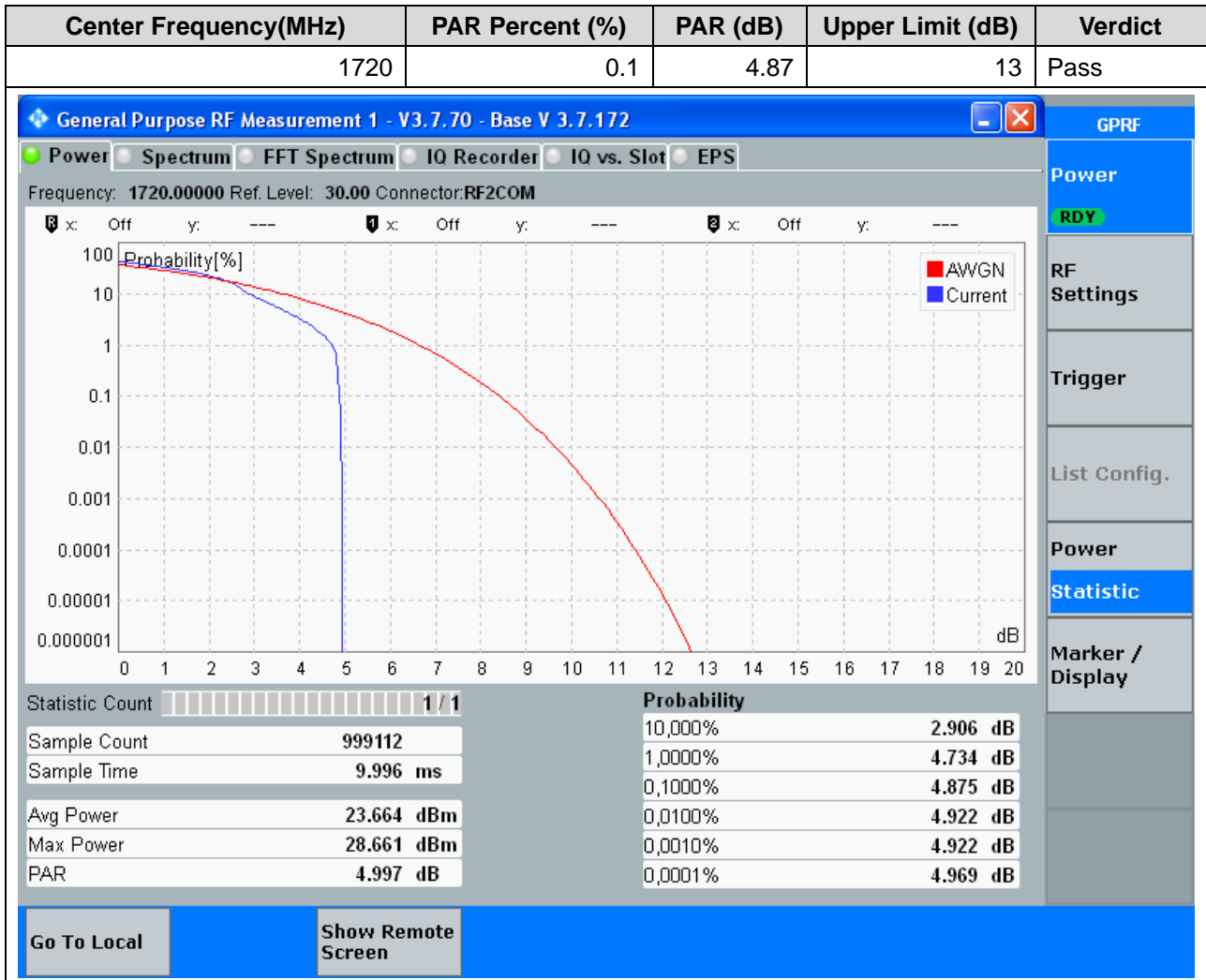
4.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



4.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



4.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



4.4. 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	6.14	13	Pass

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

- X

GPRF

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

Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

Power

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

■ AWGN ■ Current

Statistic Count 1 / 1

Probability

Sample Count	998912	10,000%	2.859 dB
Sample Time	9.994 ms	1,0000%	4.969 dB
Avg Power	22.431 dBm	0,1000%	6.141 dB
Max Power	29.647 dBm	0,0010%	6.938 dB
PAR	7.217 dB	0,0001%	7.172 dB

Go To Local
Show Remote Screen

RDY

RF Settings

Trigger

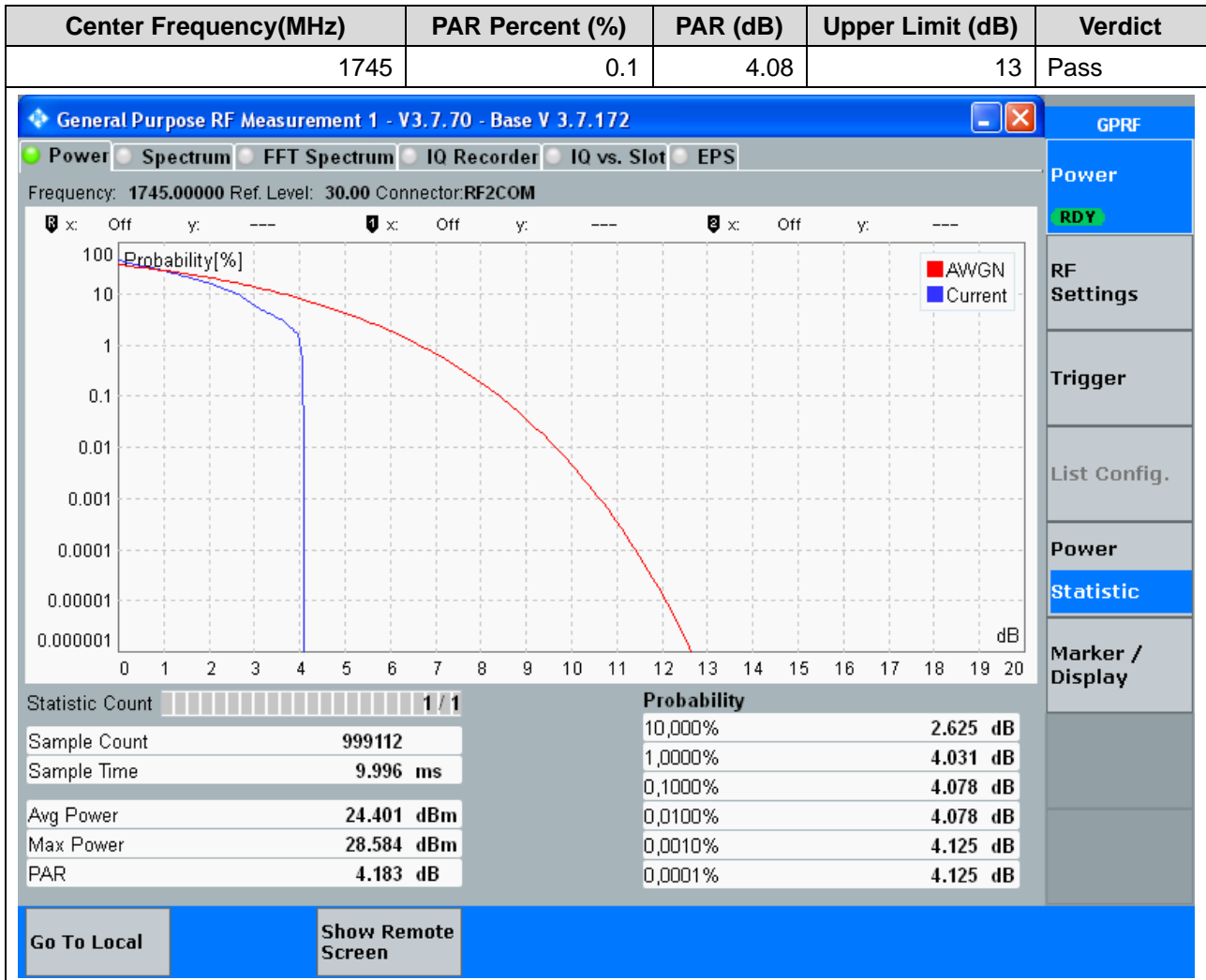
List Config.

Power

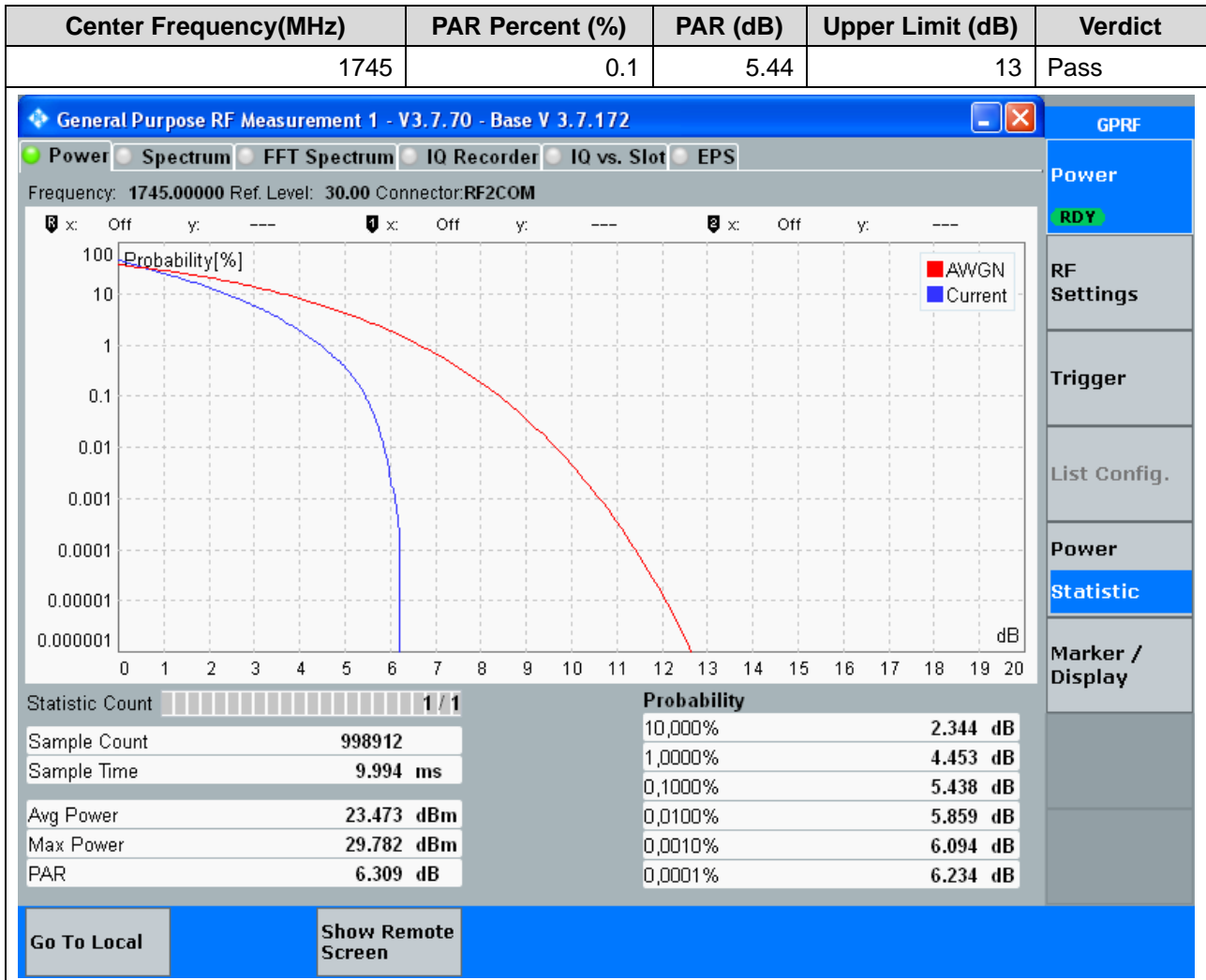
Statistic

Marker / Display

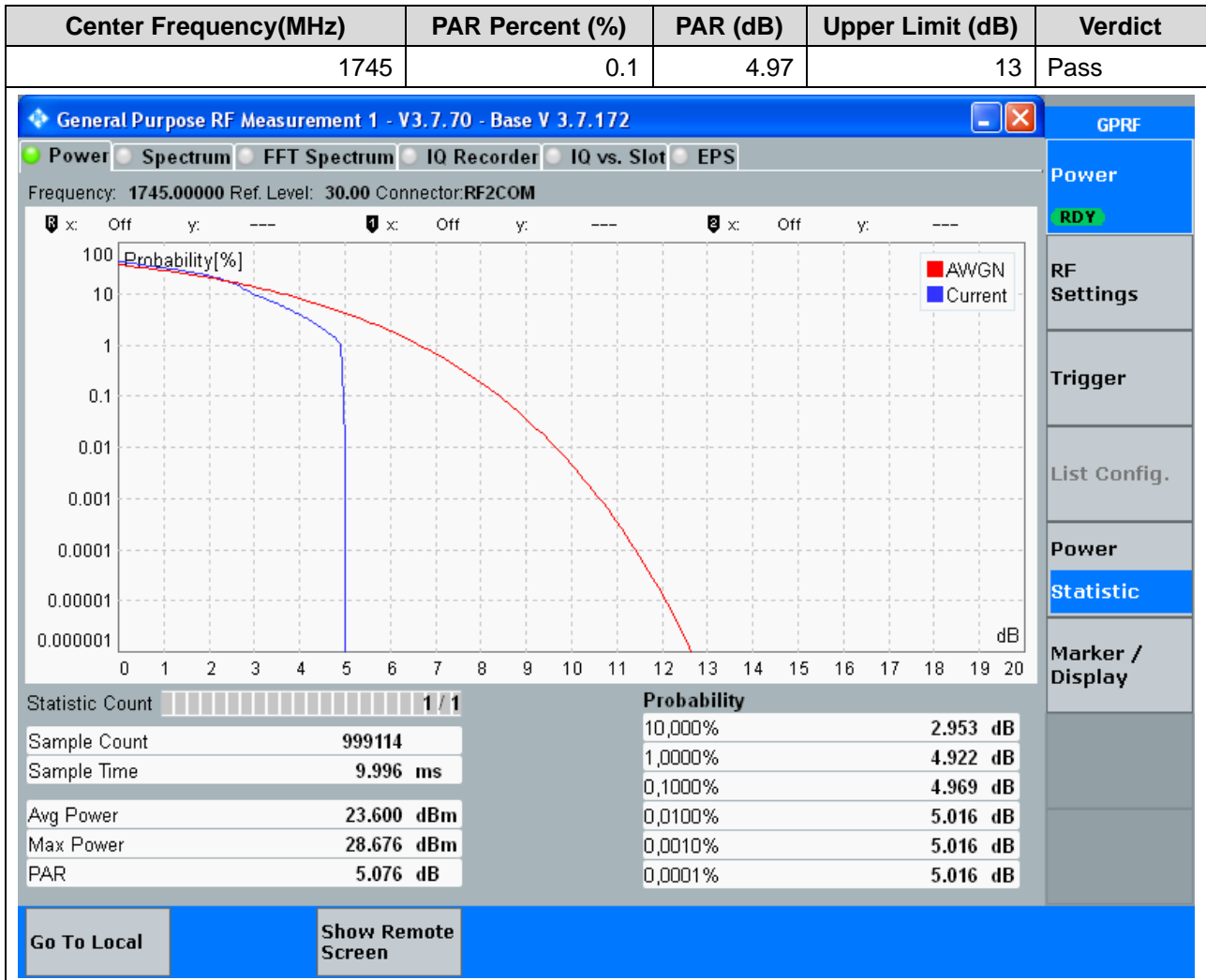
4.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



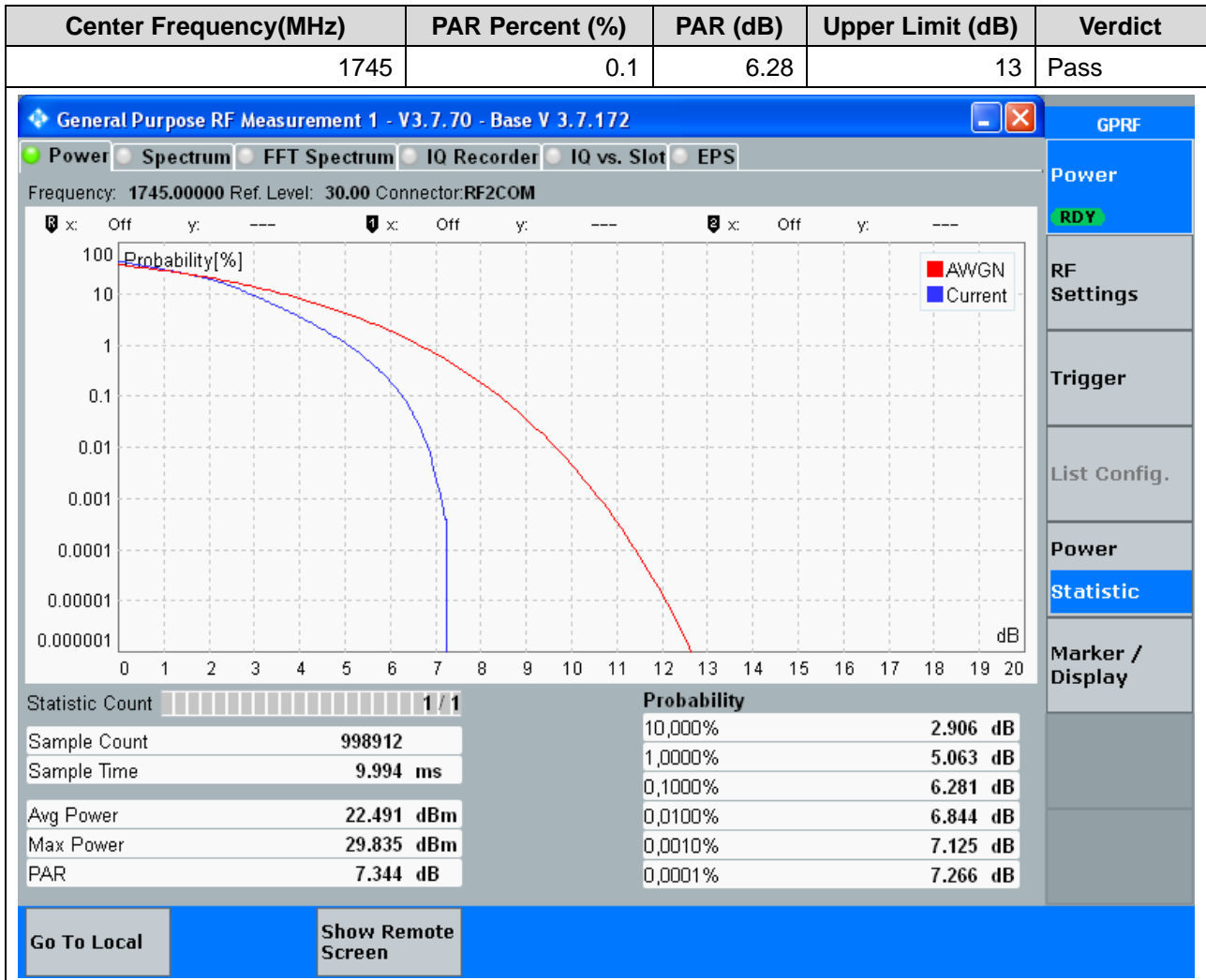
4.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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



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



4.9. 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	3.94	13	Pass

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

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

Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

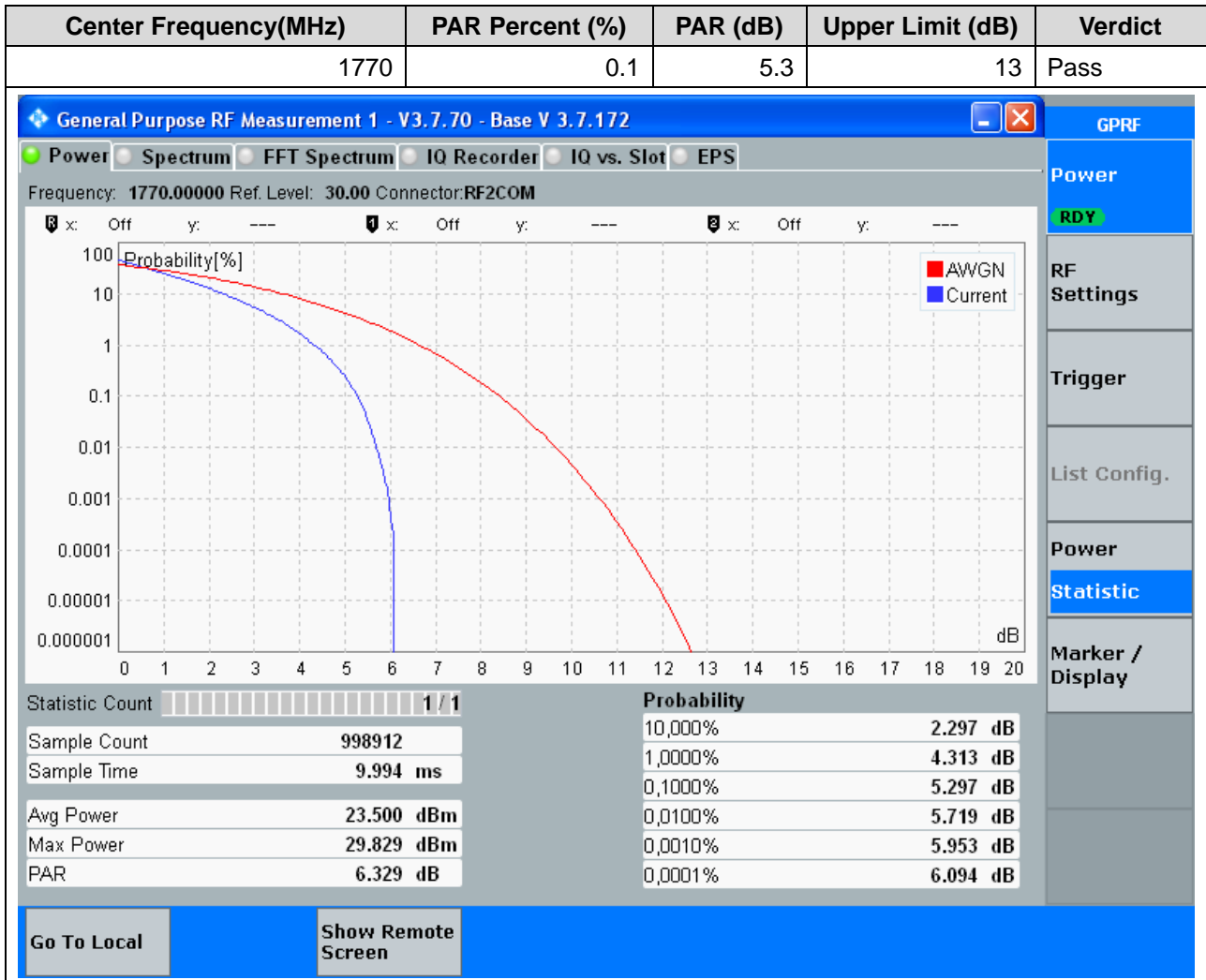
Probability[%]

Statistic Count	Value
Sample Count	999114
Sample Time	9.996 ms
Avg Power	24.479 dBm
Max Power	28.547 dBm
PAR	4.069 dB

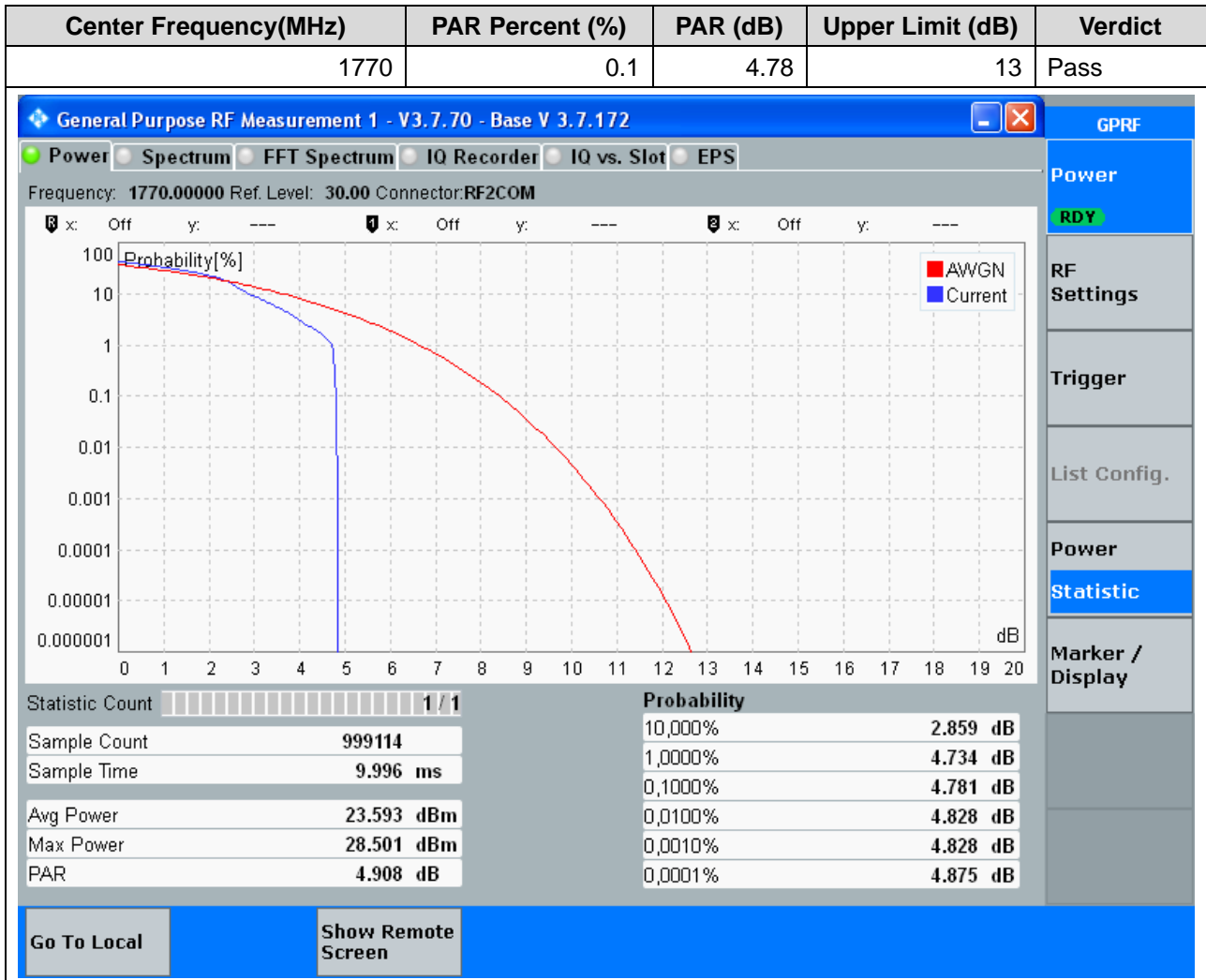
Probability	Value
10,000%	2.578 dB
1,0000%	3.938 dB
0,1000%	3.938 dB
0,0100%	3.984 dB
0,0010%	3.984 dB
0,0001%	4.031 dB

Go To Local
Show Remote Screen

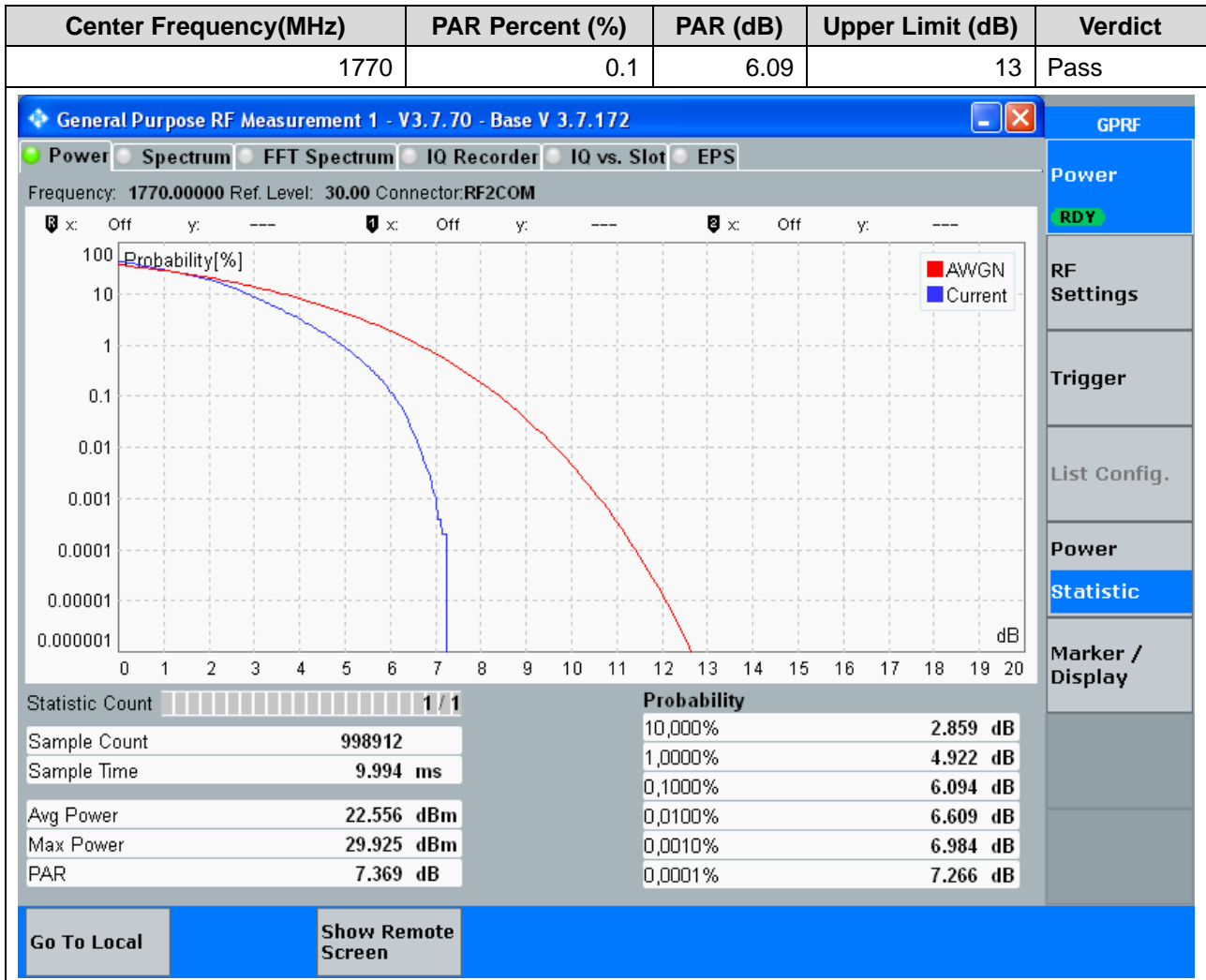
4.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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



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



1. CA_7C

1.1. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.3	0.1	6.05	13	Pass

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

Frequency: 2535.30000 Ref. Level: 30.00 Connector:RF4COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Probability[%]

Legend: AWGN (red), Current (blue)

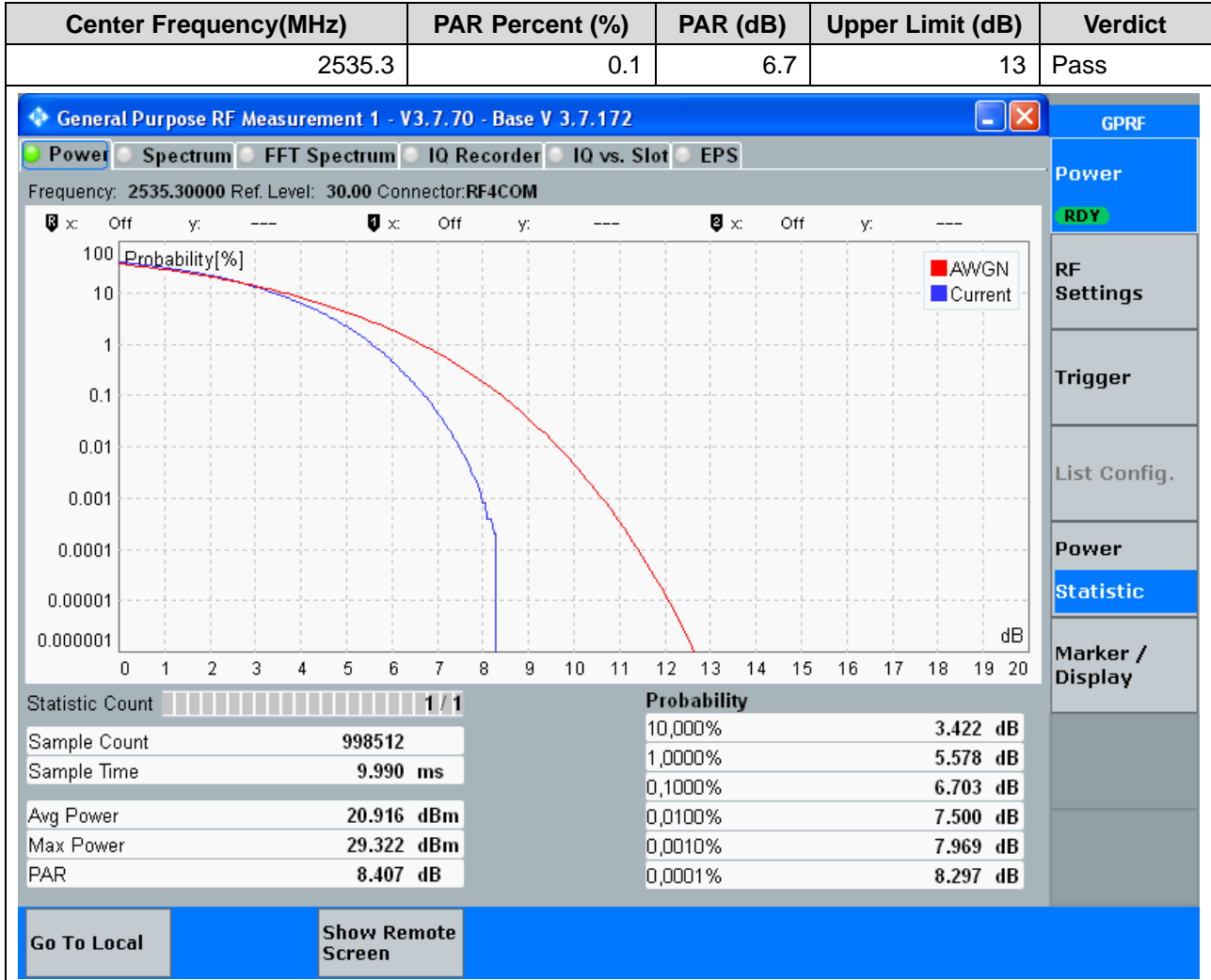
Statistic Count	Value
Sample Count	999514
Sample Time	10.000 ms
Avg Power	21.883 dBm
Max Power	29.635 dBm
PAR	7.752 dB

Probability	Value
10,000%	3.281 dB
1,0000%	5.016 dB
0,1000%	6.047 dB
0,0100%	6.750 dB
0,0010%	7.313 dB
0,0001%	7.688 dB

Go To Local

Show Remote Screen

1.2. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



1.3. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2534.8	0.1	6.05	13	Pass

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

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

Frequency: 2534.80000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	1 / 1	Probability	
Sample Count	999514	10,000%	3.281 dB
Sample Time	10.000 ms	1,0000%	5.156 dB
Avg Power	21.937 dBm	0,1000%	6.047 dB
Max Power	29.345 dBm	0,0010%	7.078 dB
PAR	7.408 dB	0,0001%	7.313 dB

Go To Local | Show Remote Screen

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2534.8	0.1	6.75	13	Pass

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

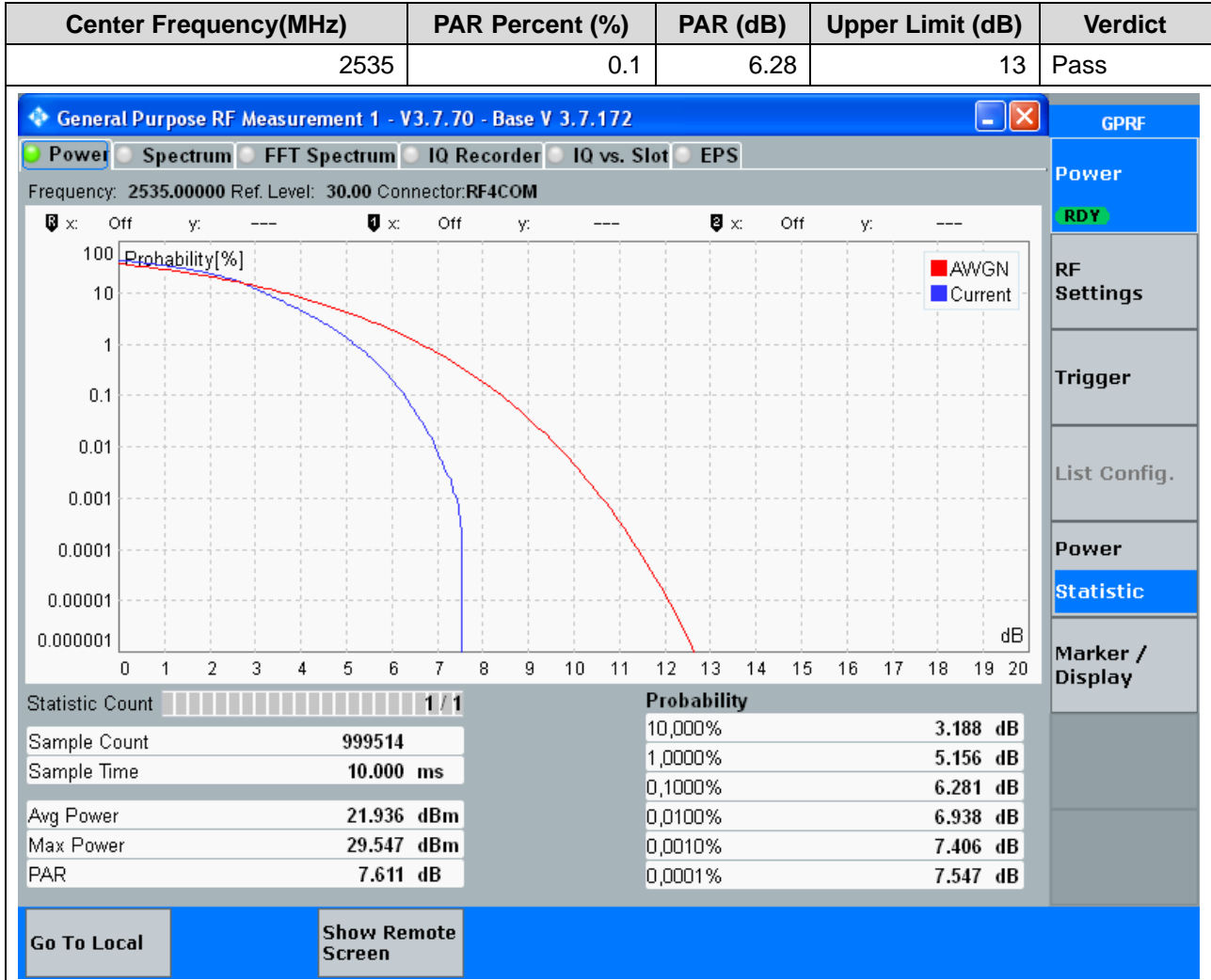
Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS

Frequency: 2534.80000 Ref. Level: 30.00 Connector:RF4COM

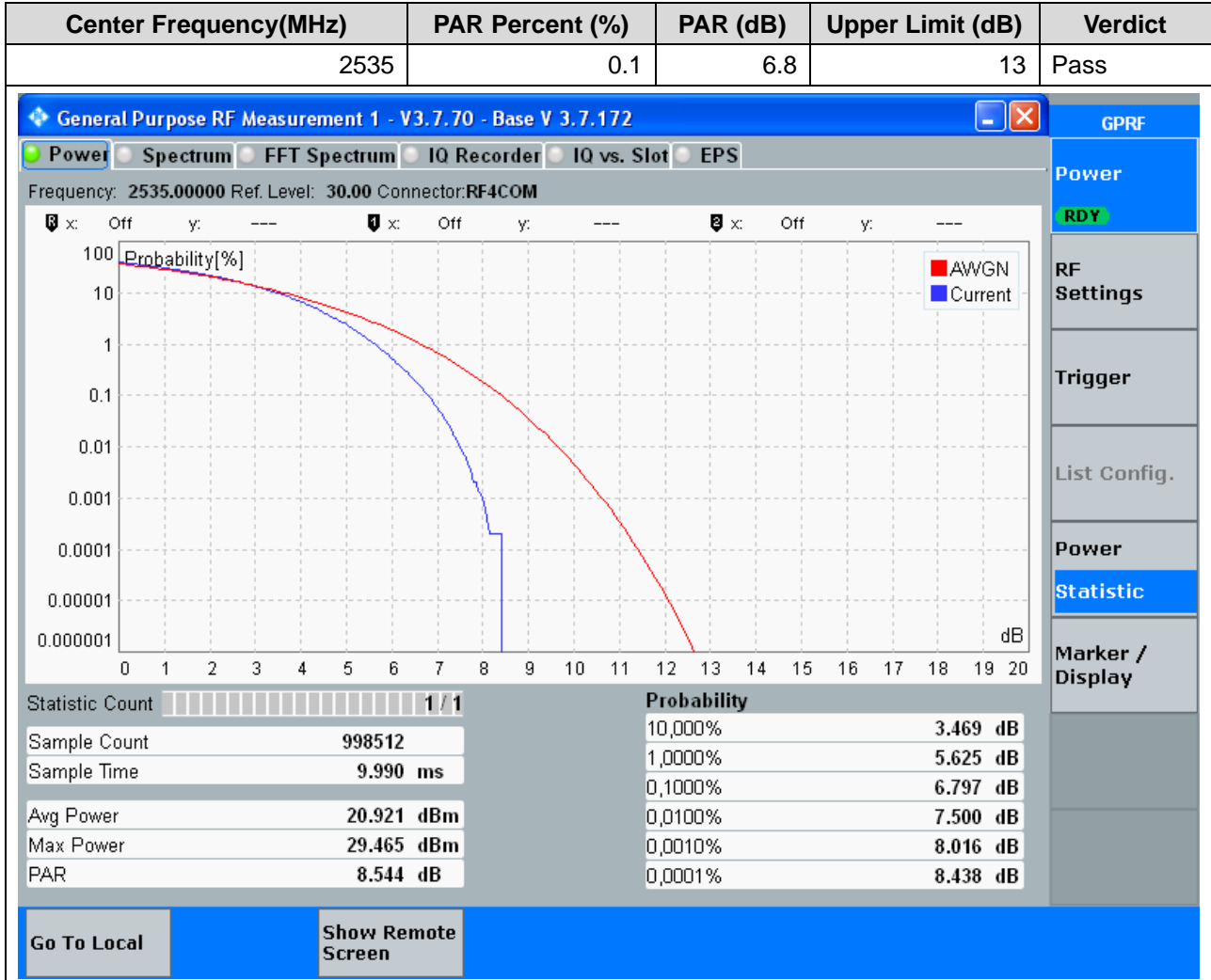
Statistic Count	1 / 1	Probability	
Sample Count	998512	10,000%	3.469 dB
Sample Time	9.990 ms	1,0000%	5.625 dB
Avg Power	20.942 dBm	0,1000%	6.750 dB
Max Power	29.332 dBm	0,0100%	7.453 dB
PAR	8.390 dB	0,0001%	8.297 dB

Go To Local | Show Remote Screen

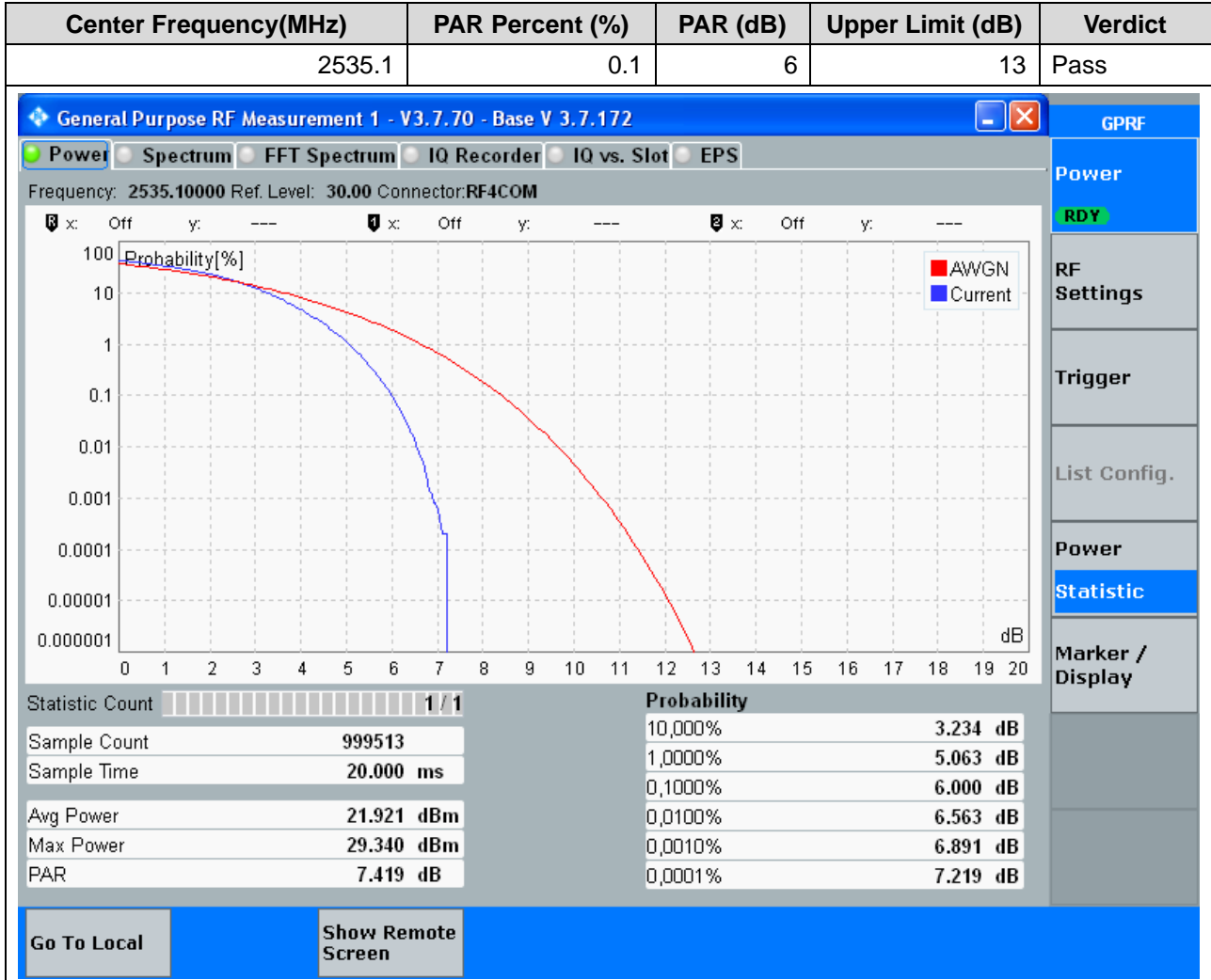
**1.5. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



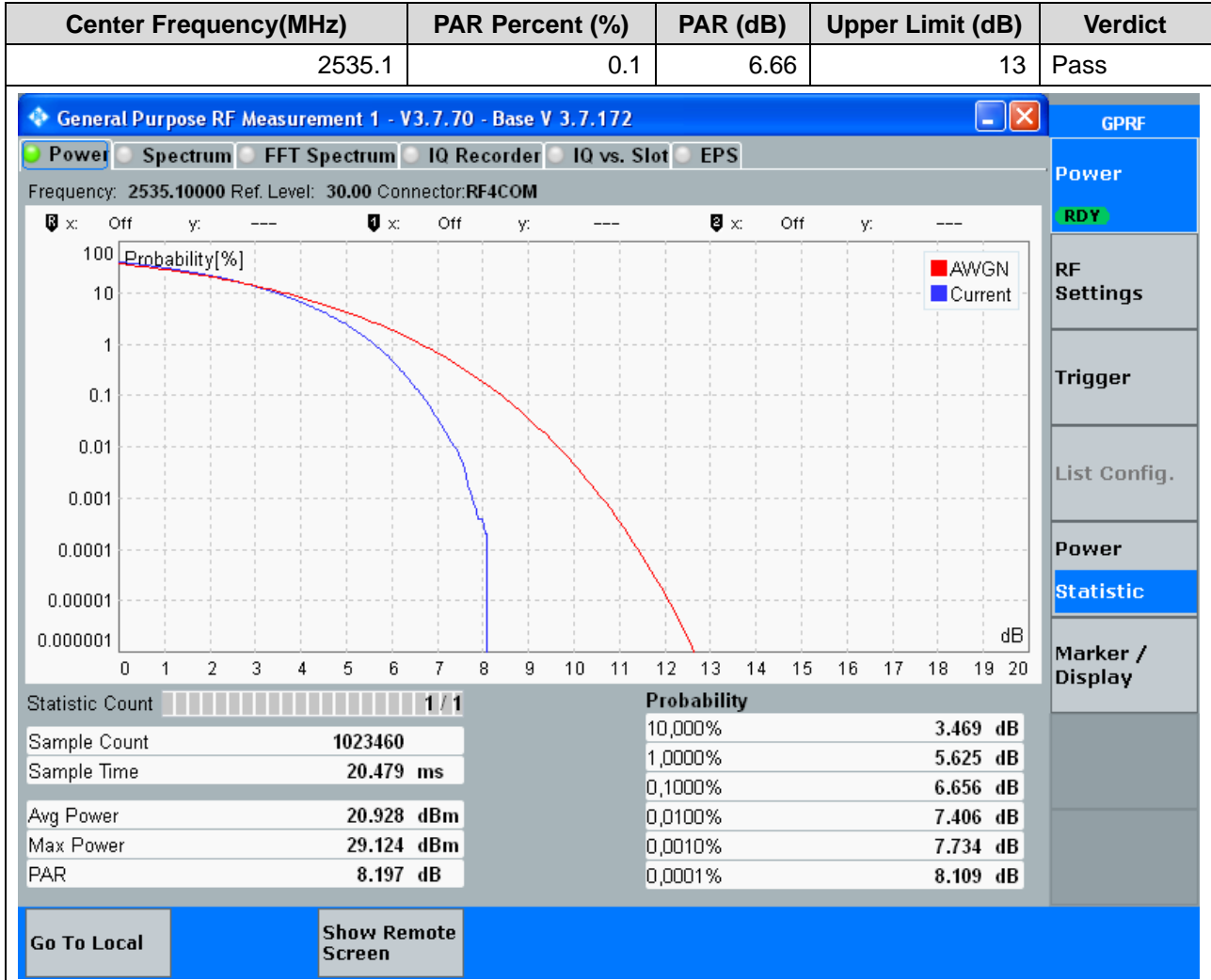
**1.6. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



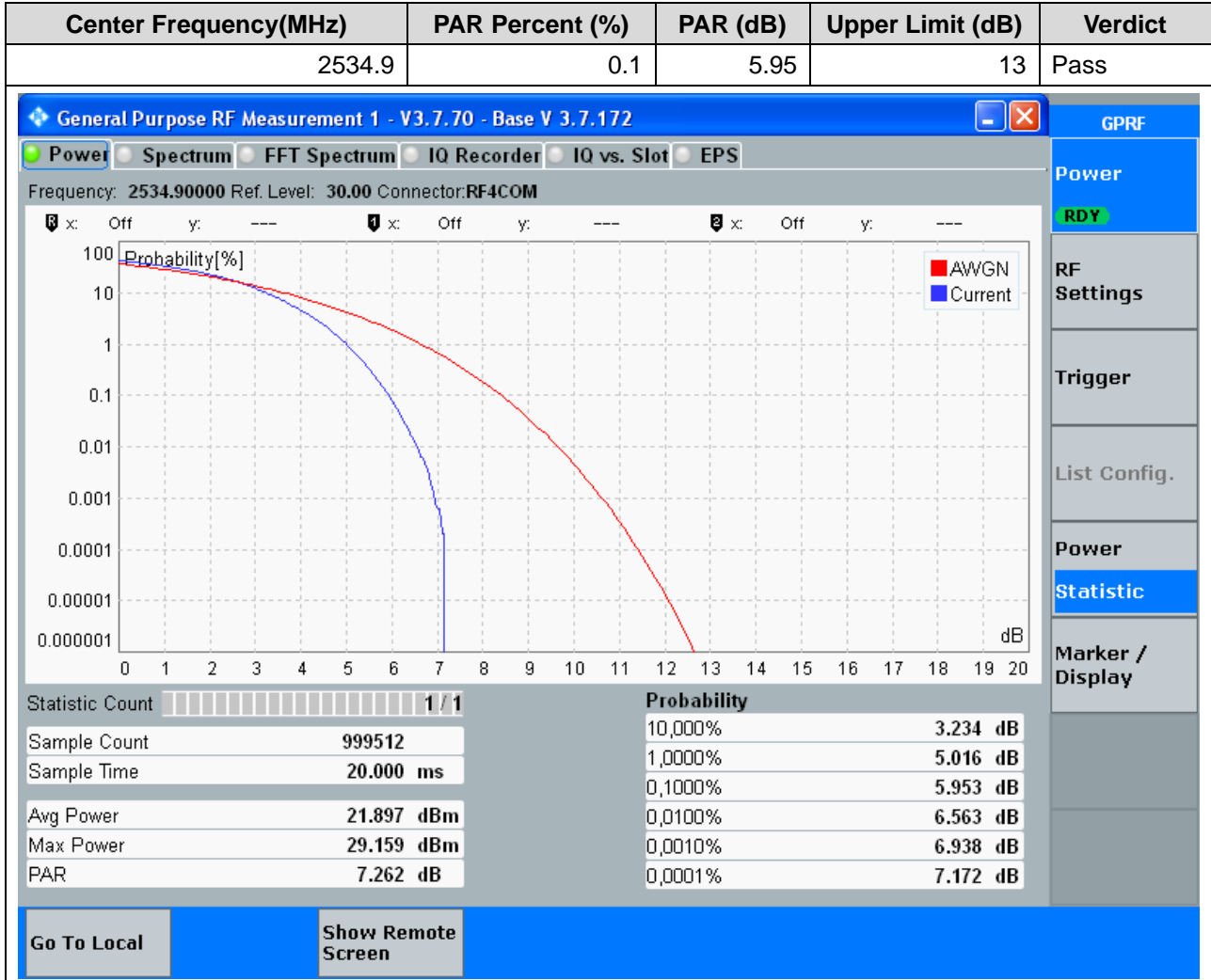
**1.7. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



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



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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2534.9	0.1	6.66	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

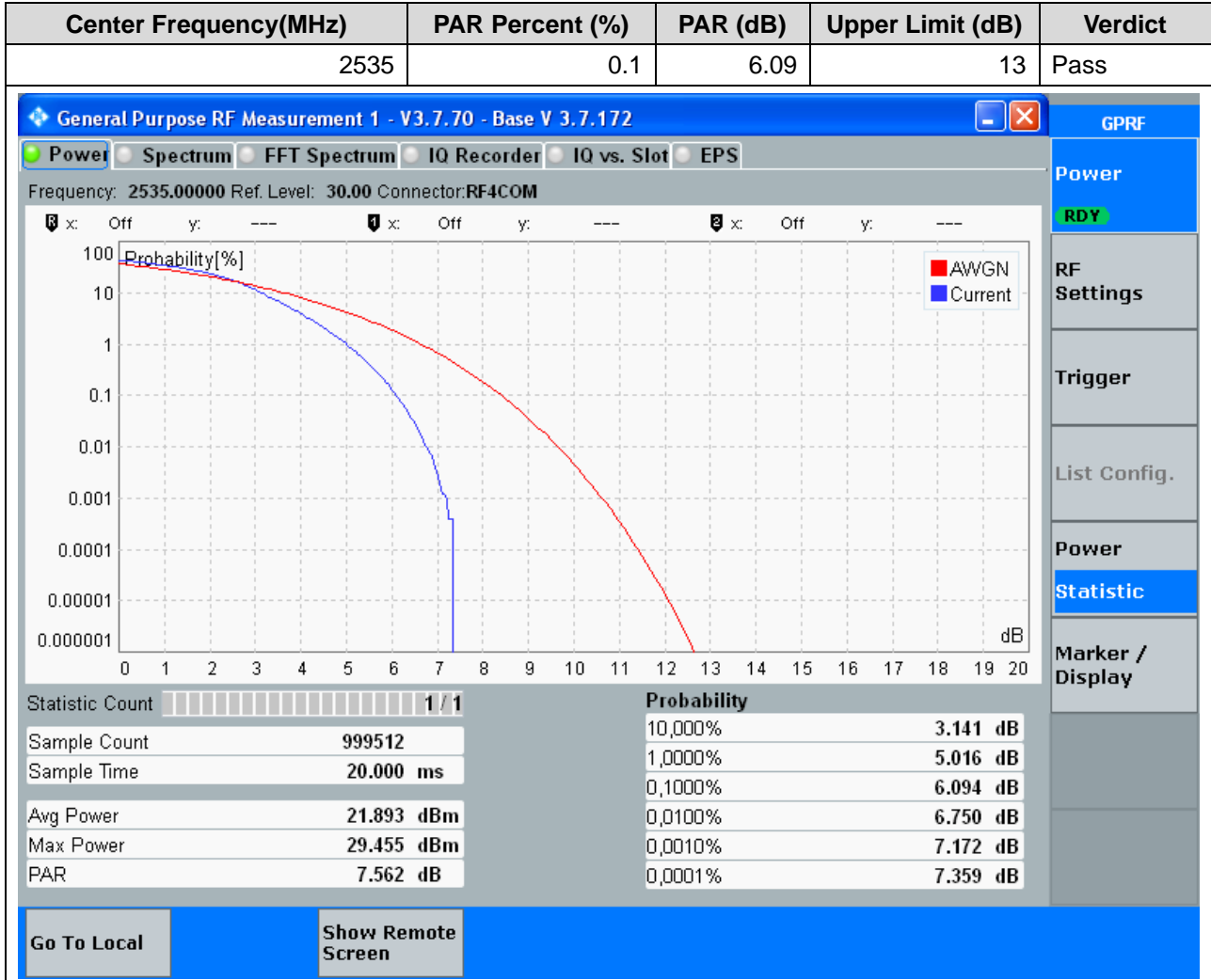
Frequency: 2534.90000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count		Probability	
Sample Count	1023460	10,000%	3.469 dB
Sample Time	20.479 ms	1,0000%	5.578 dB
Avg Power	20.947 dBm	0,1000%	6.656 dB
Max Power	28.880 dBm	0,0100%	7.313 dB
PAR	7.933 dB	0,0010%	7.688 dB
		0,0001%	7.922 dB

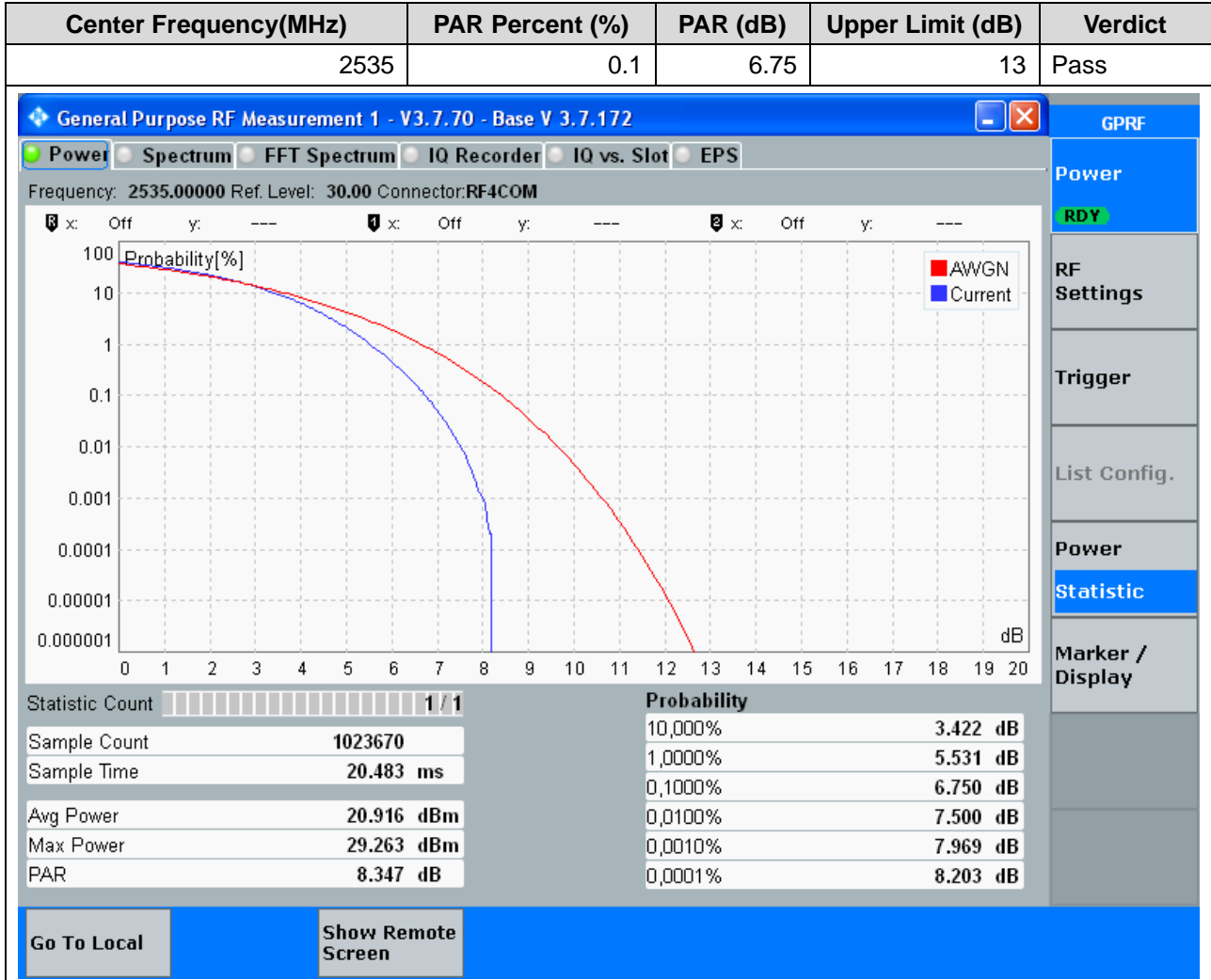
Go To Local
Show Remote Screen

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

1.11. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

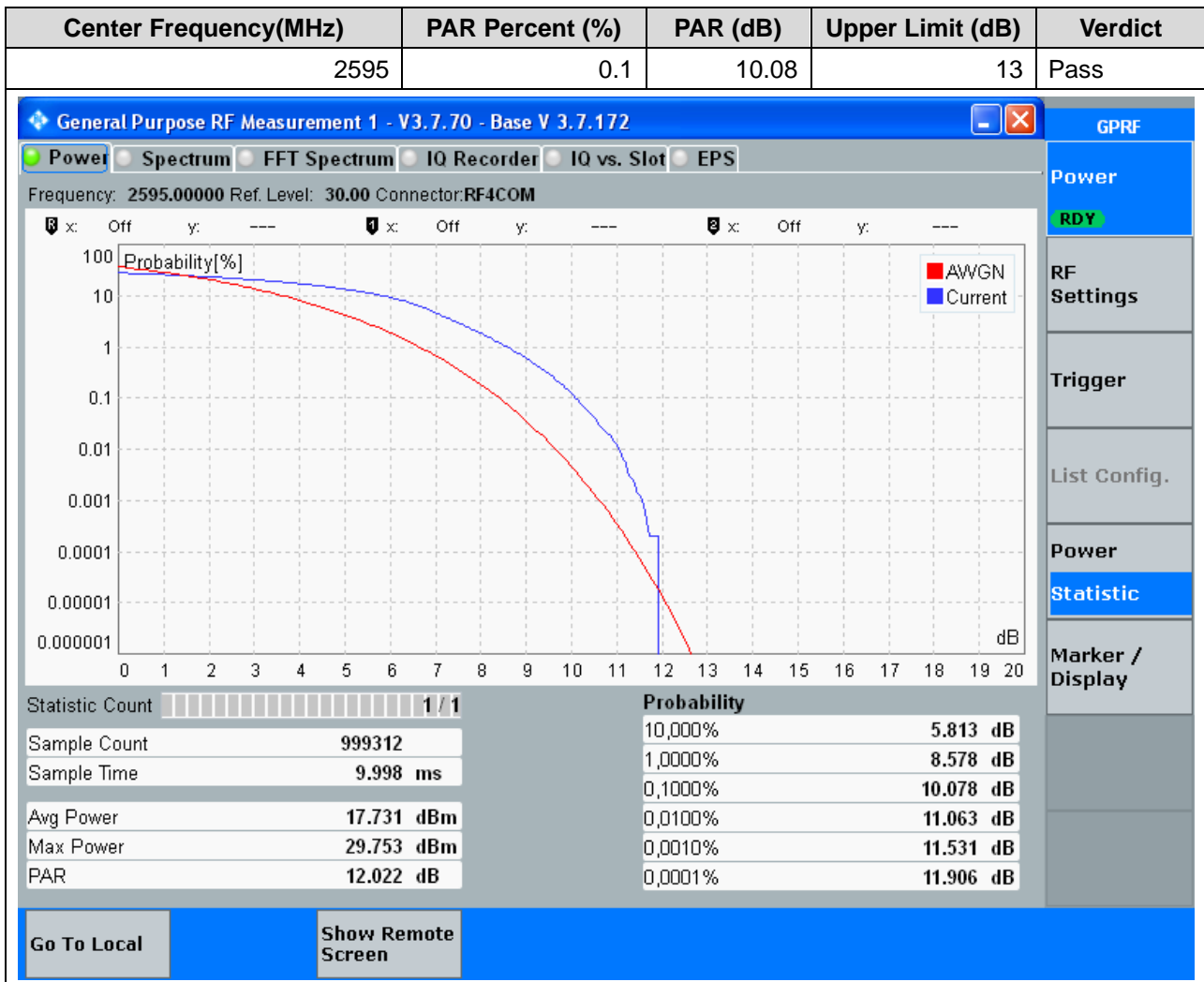


1.12. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

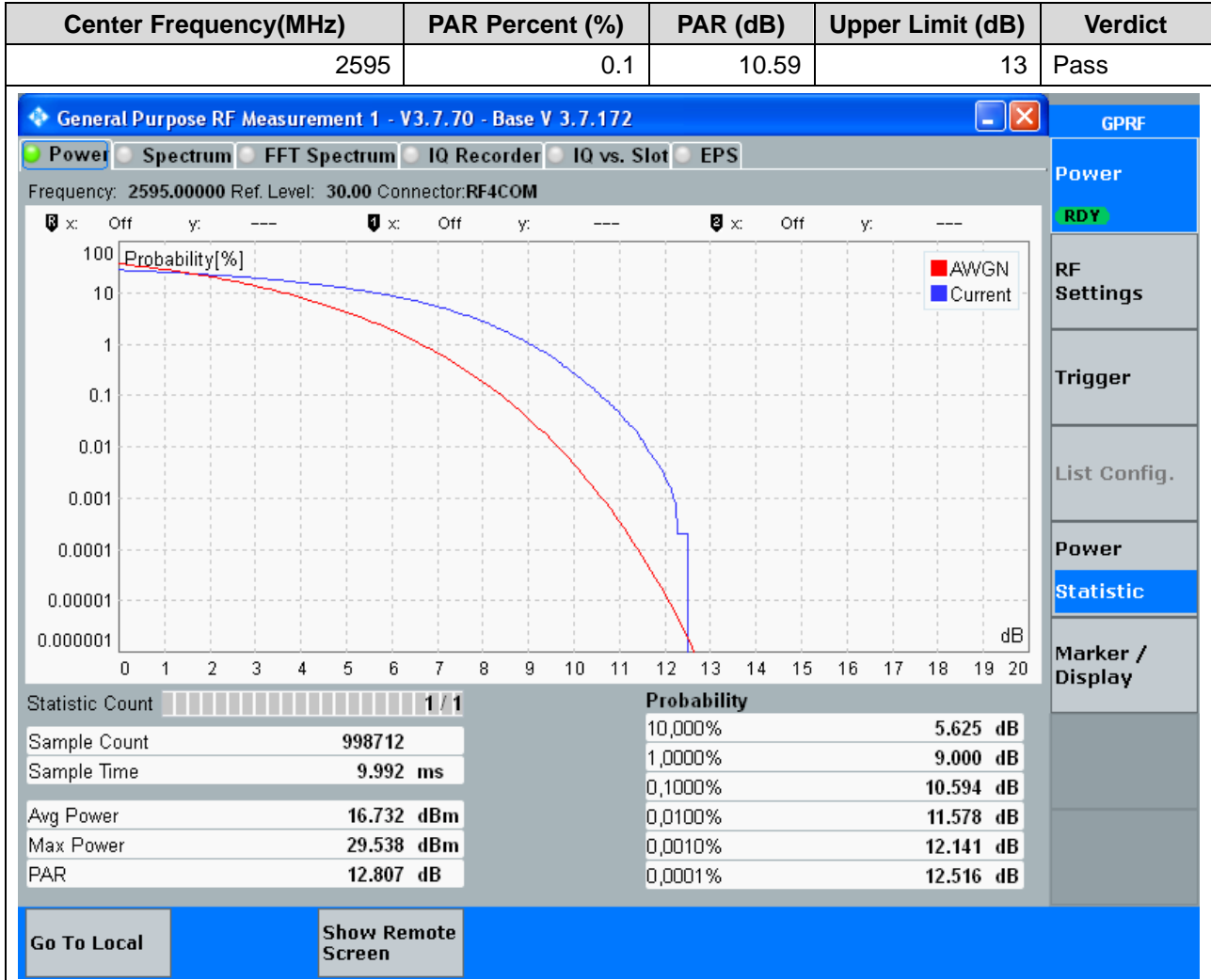


2. CA_38C

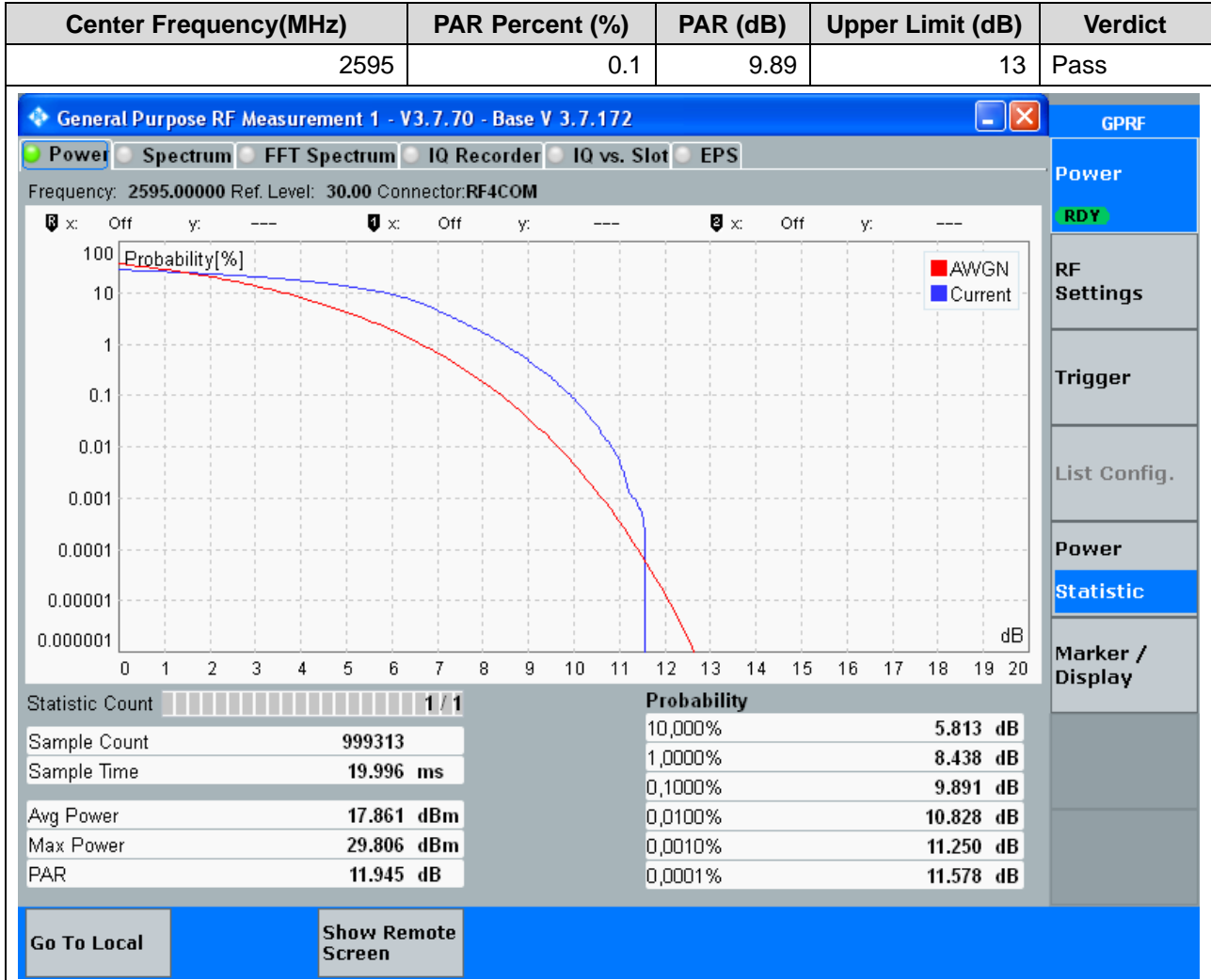
2.1. LTE-A Peak to Average Ratio_Part22-24-27(NTLV)(Subtest:1,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



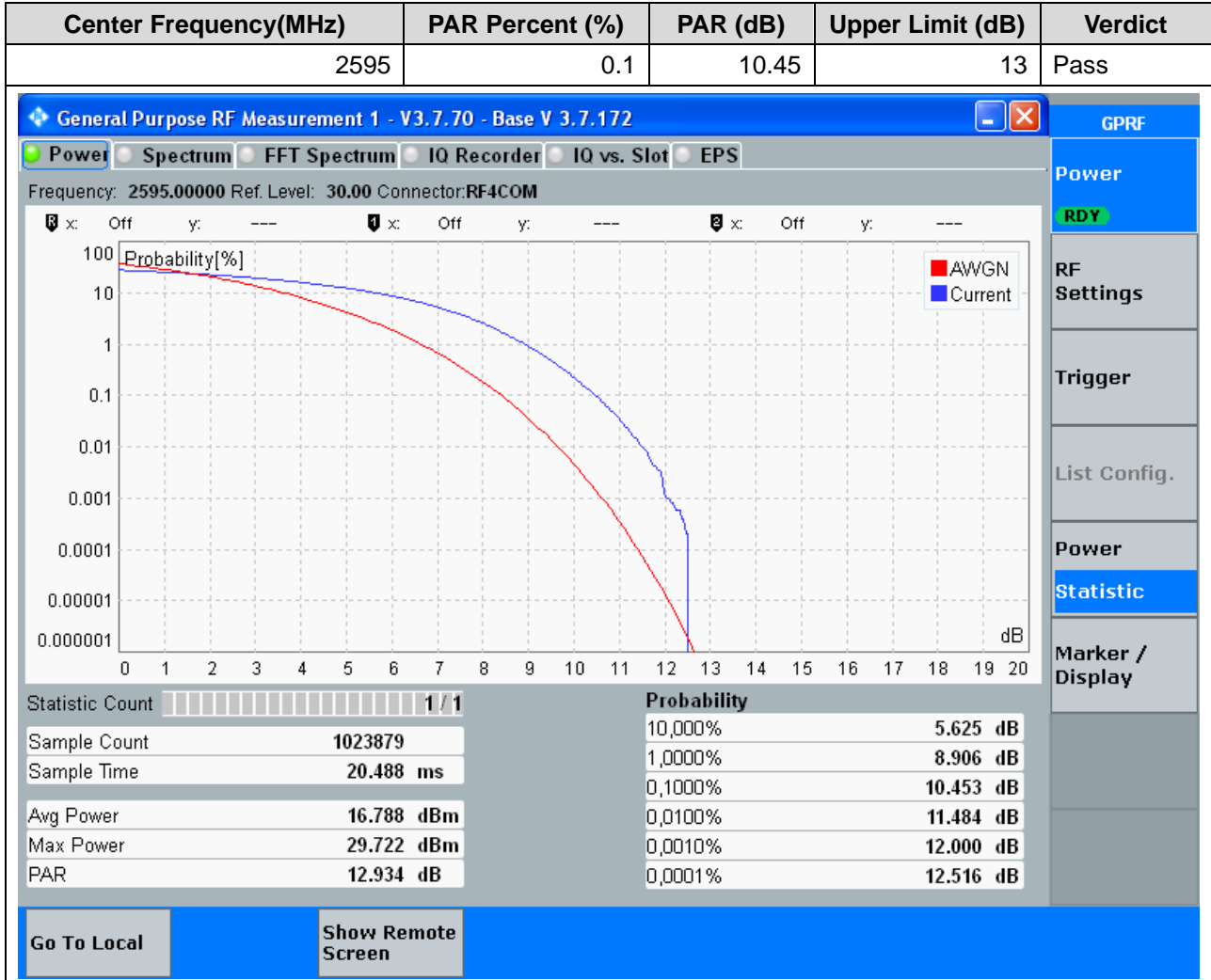
**2.2. LTE-A Peak to Average Ratio_Part22-24-27(NTLV)(Subtest:2,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



2.3. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

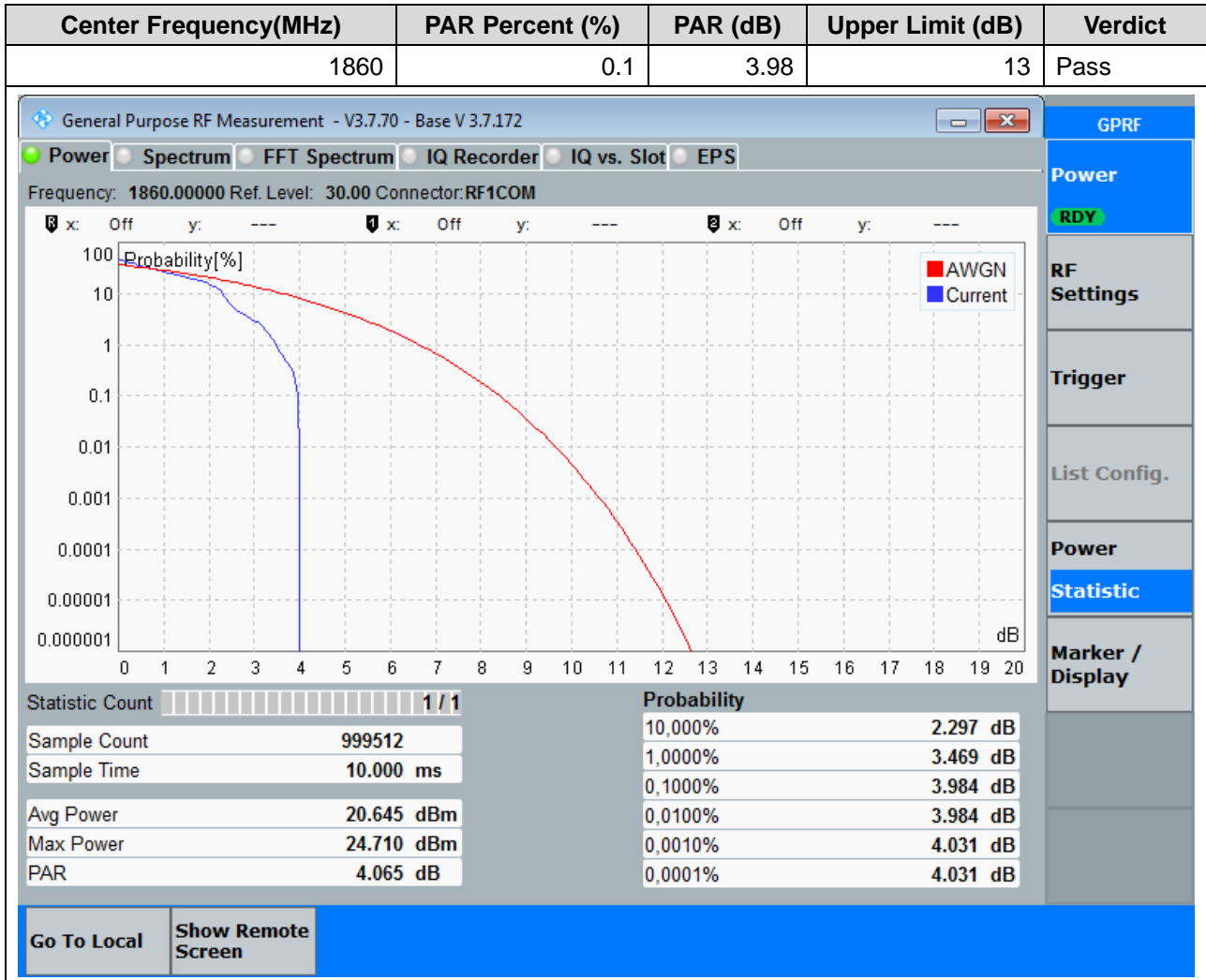


**2.4. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

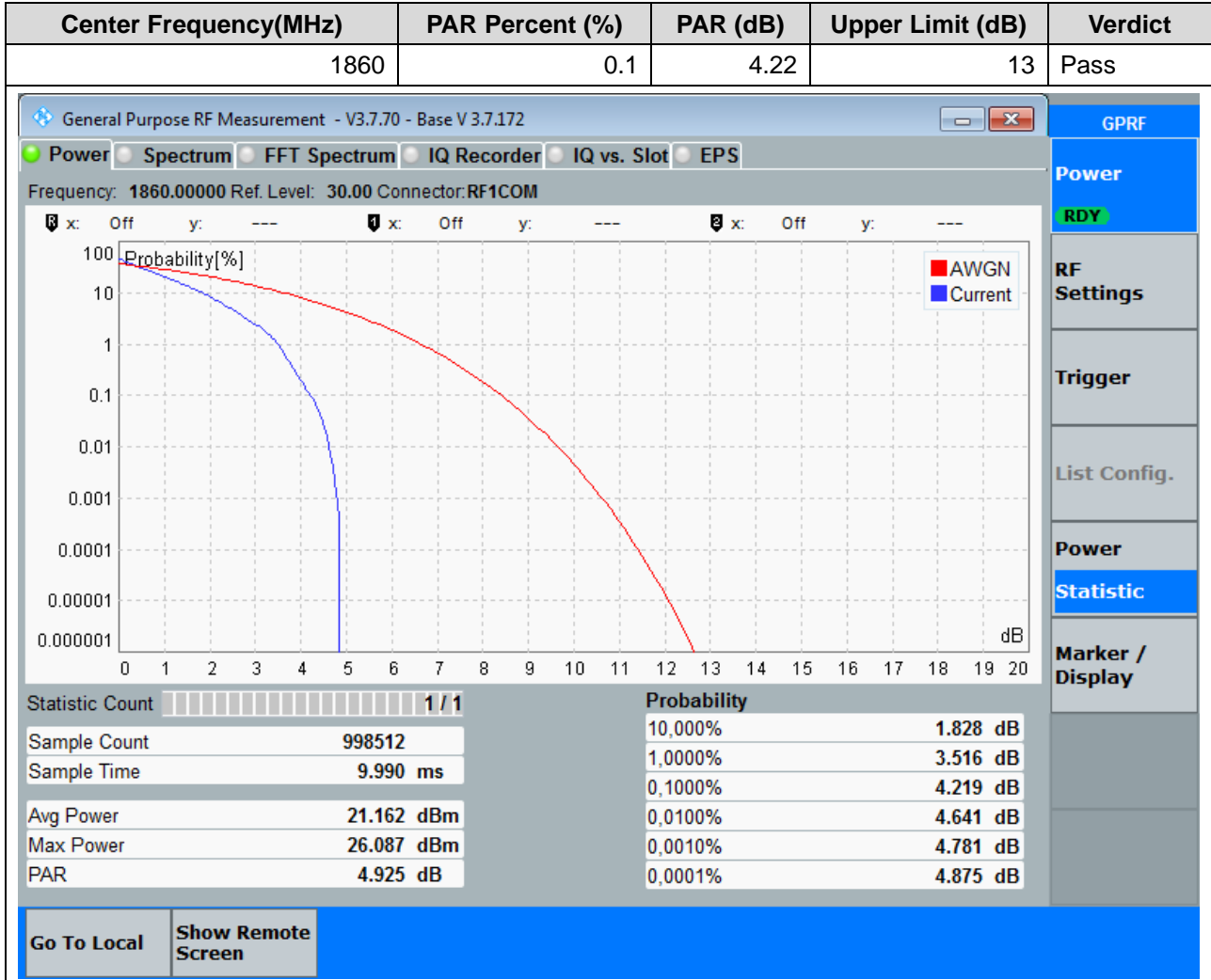


1. n2 15kHz

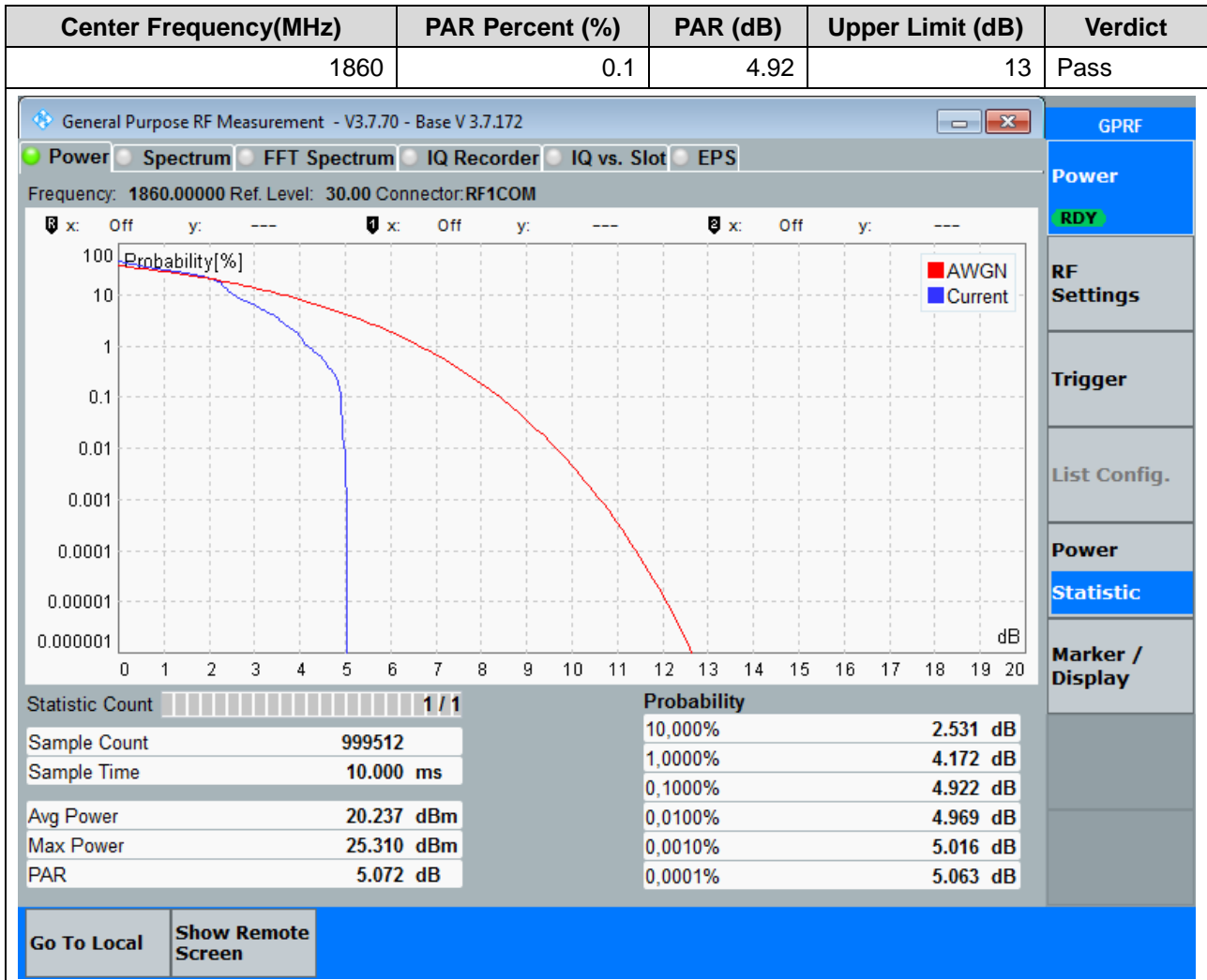
1.1. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



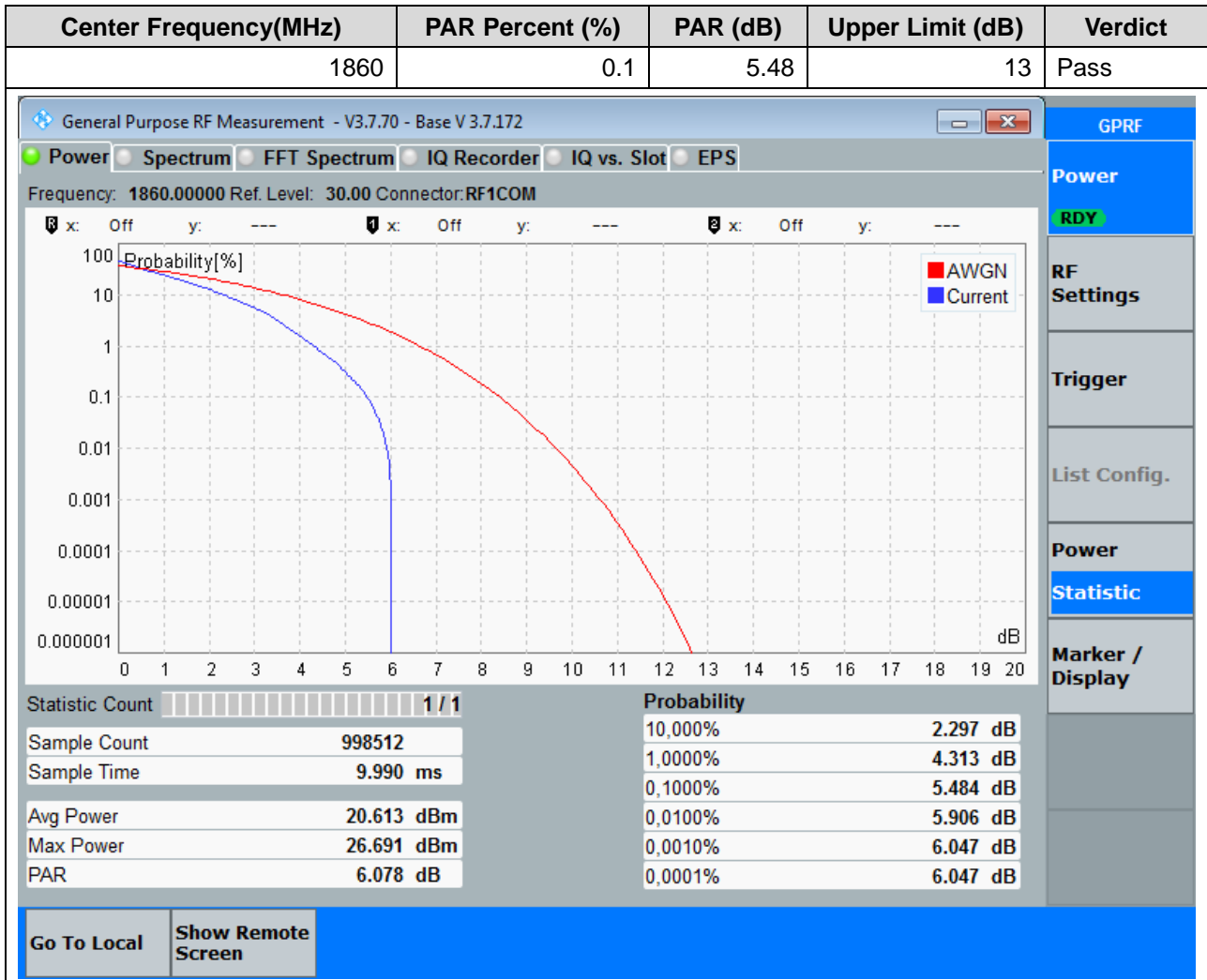
1.2. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)



1.3. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

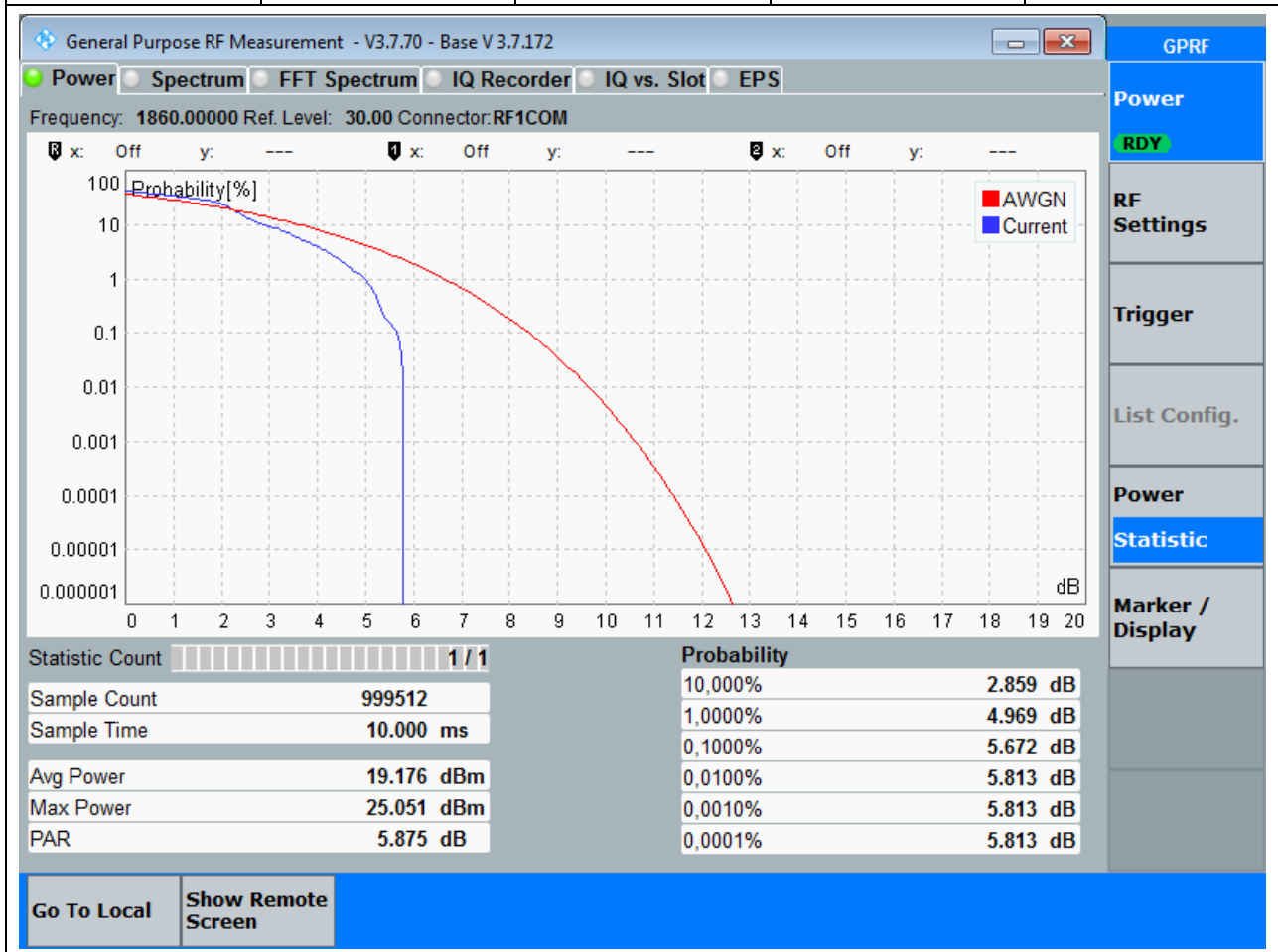


1.4. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)



1.5. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	5.67	13	Pass



1.6. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	6.23	13	Pass

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

GPRF

Power
 Spectrum
 FFT Spectrum
 IQ Recorder
 IQ vs. Slot
 EPS

Frequency: 1860.00000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count		Probability	
Sample Count	998512	10,000%	2.813 dB
Sample Time	9.990 ms	1,0000%	4.922 dB
Avg Power	19.614 dBm	0,1000%	6.234 dB
Max Power	27.198 dBm	0,0100%	6.844 dB
PAR	7.584 dB	0,0010%	7.078 dB
		0,0001%	7.547 dB

Go To Local

Show Remote Screen

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

1.7. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	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: 1860.00000 Ref. Level: 30.00 Connector:RF1COM

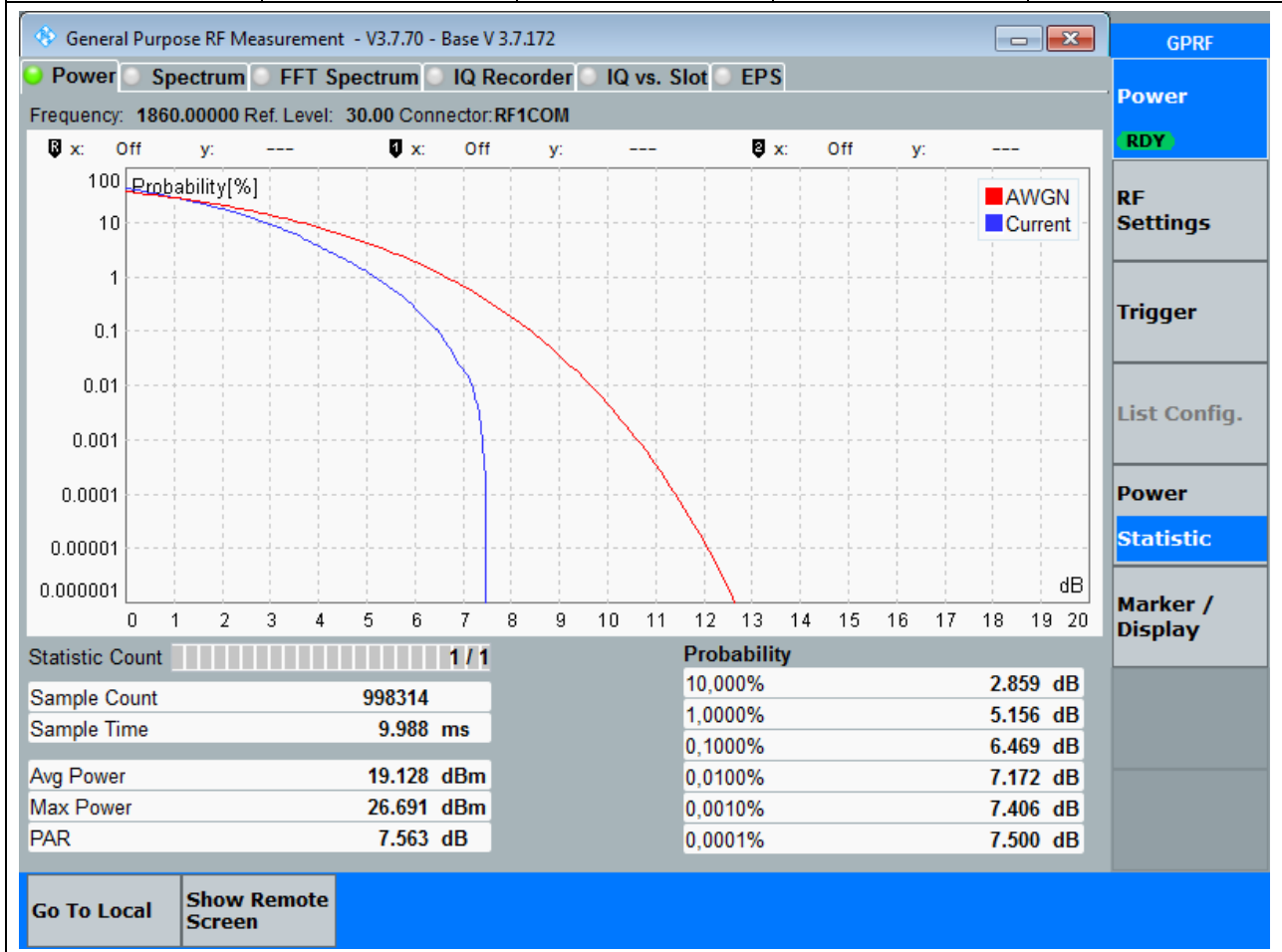
Probability[%] vs dB graph showing AWGN (red) and Current (blue) curves.

Statistic Count	1 / 1	Probability	
Sample Count	999712	10,000%	3.000 dB
Sample Time	10.002 ms	1,0000%	4.828 dB
Avg Power	18.706 dBm	0,1000%	5.625 dB
Max Power	24.701 dBm	0,0100%	5.813 dB
PAR	5.995 dB	0,0010%	5.953 dB
		0,0001%	5.953 dB

Go To Local Show Remote Screen

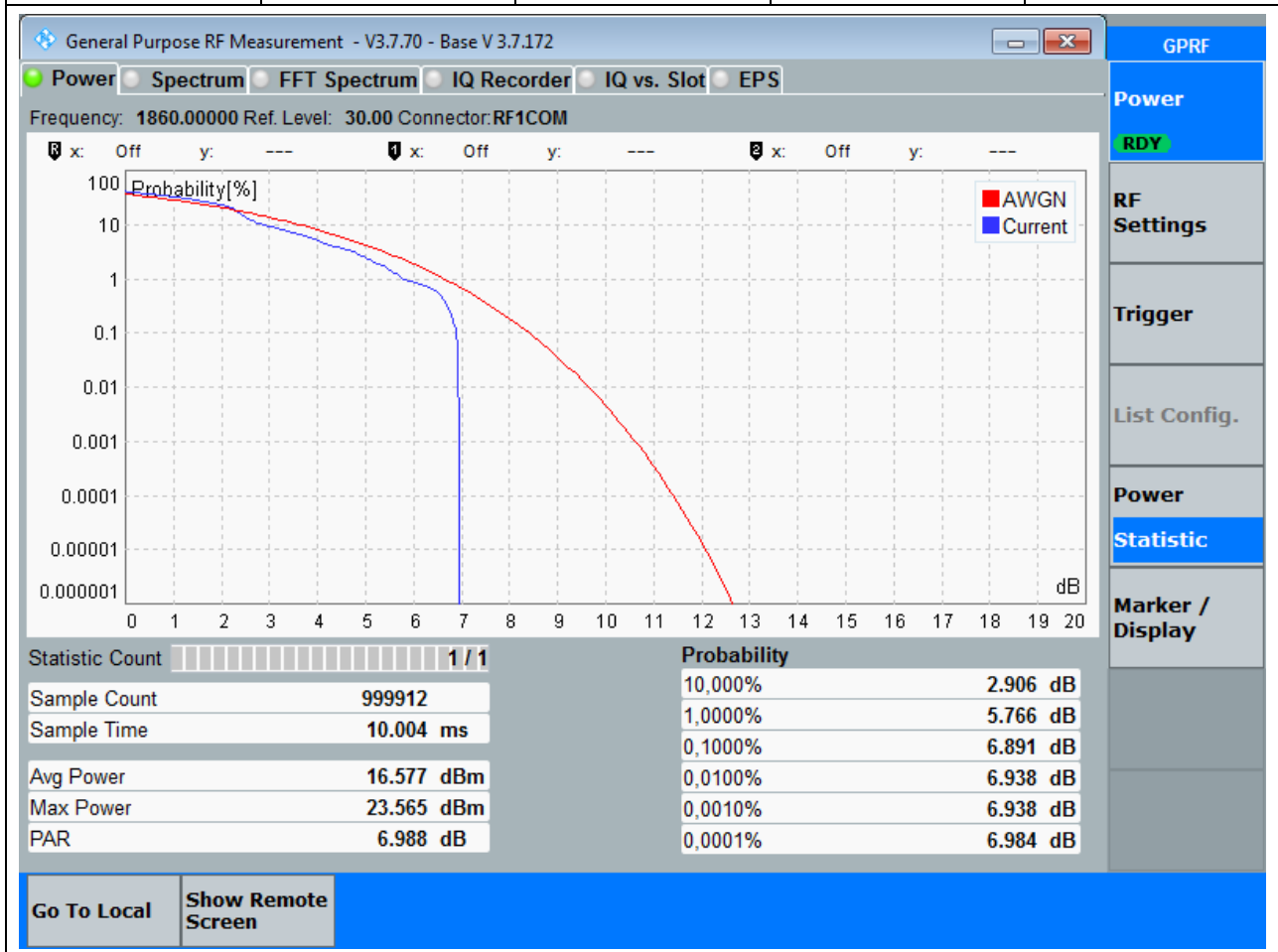
1.8. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

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



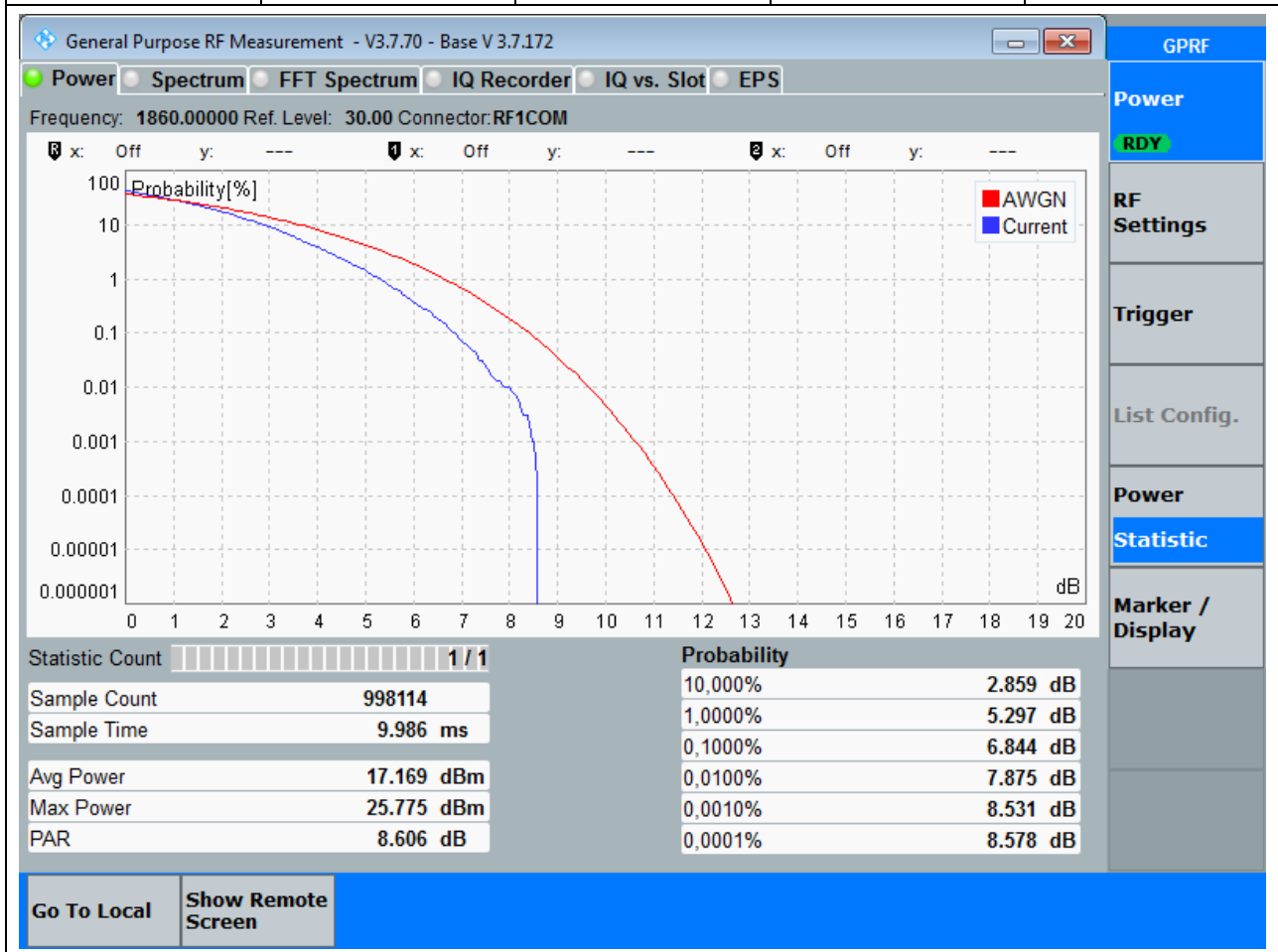
1.9. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	6.89	13	Pass



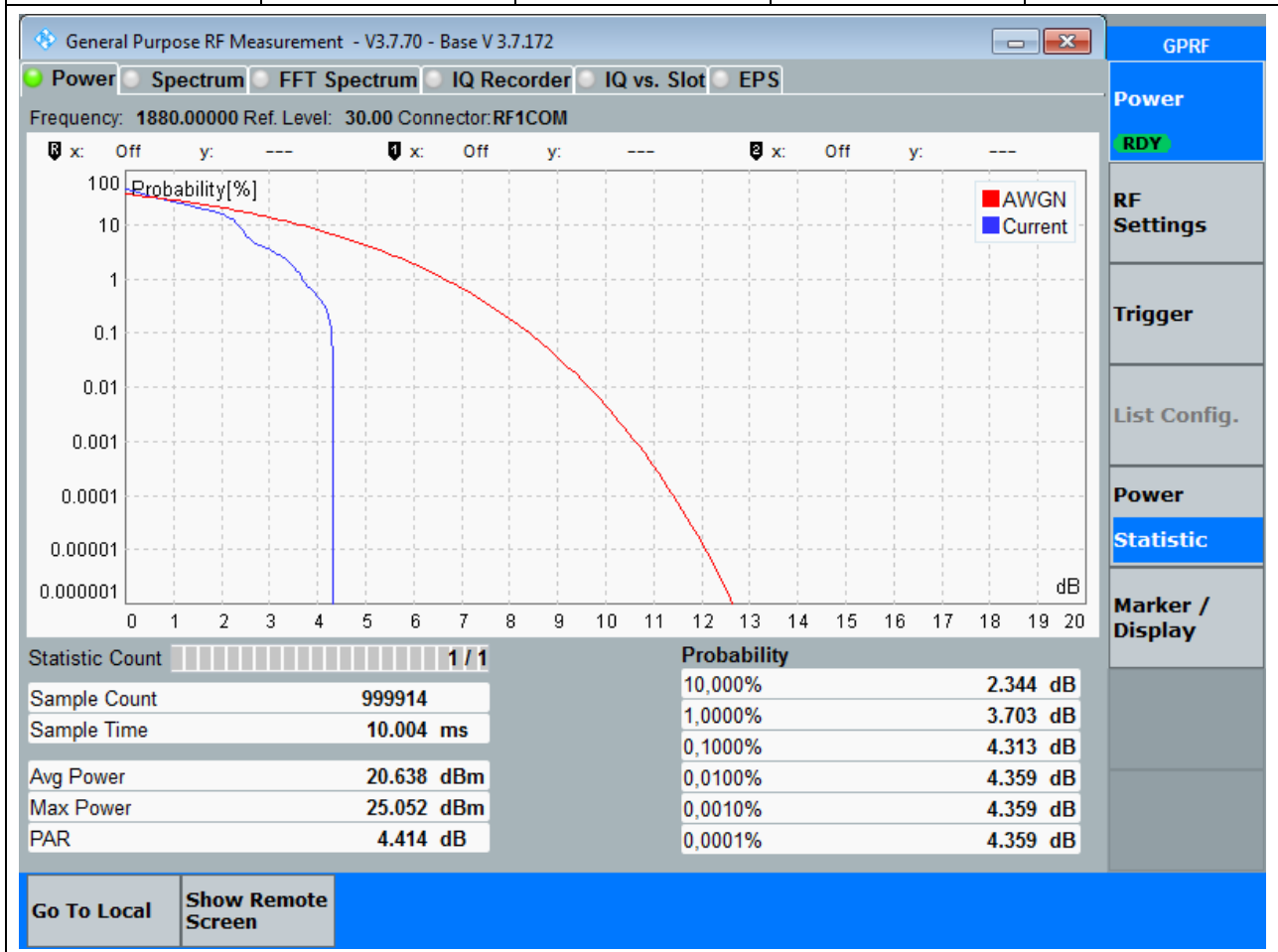
1.10. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:372000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	6.84	13	Pass



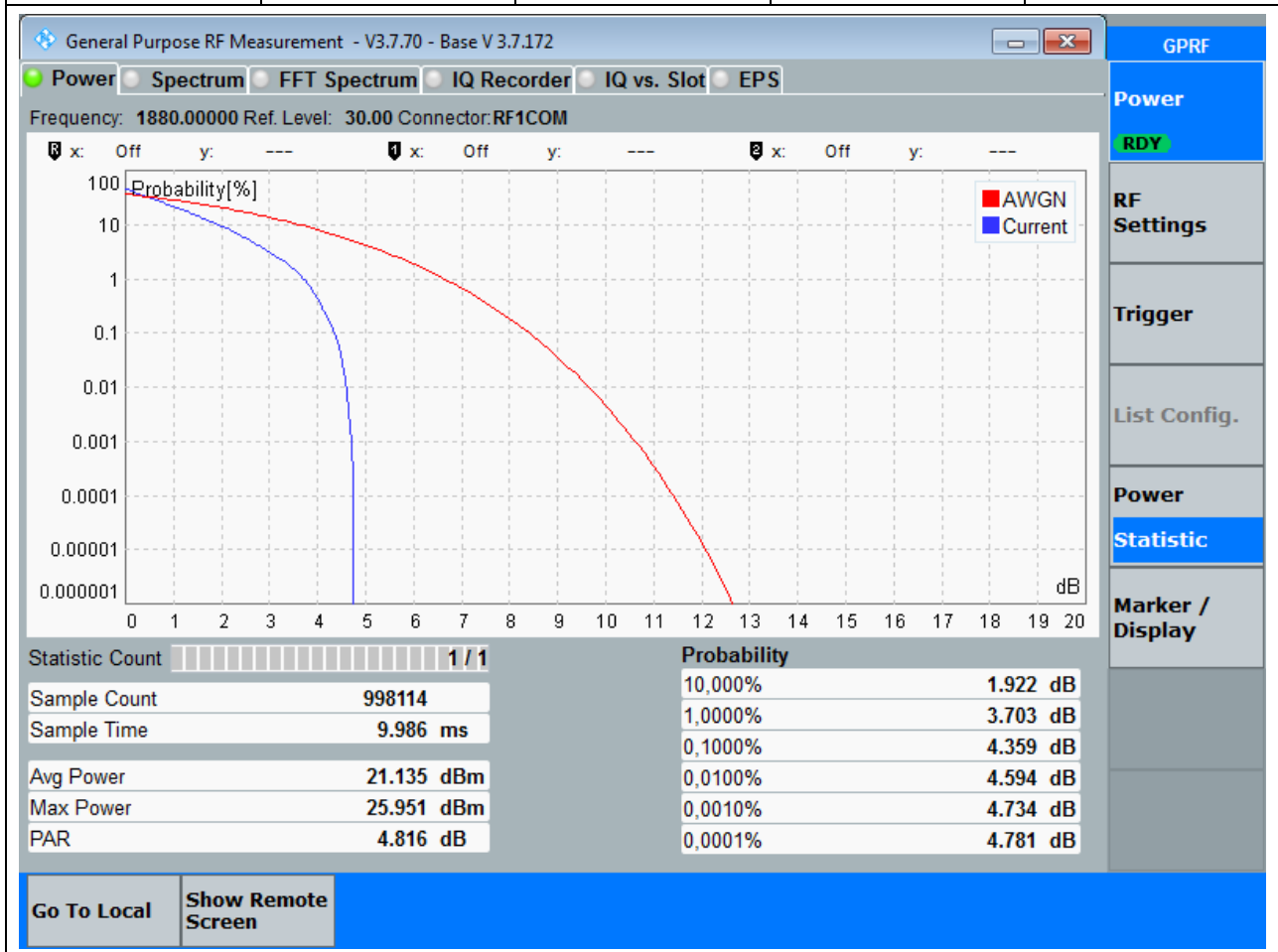
1.11. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.31	13	Pass



1.12. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.36	13	Pass



1.13. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.39	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: 1880.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

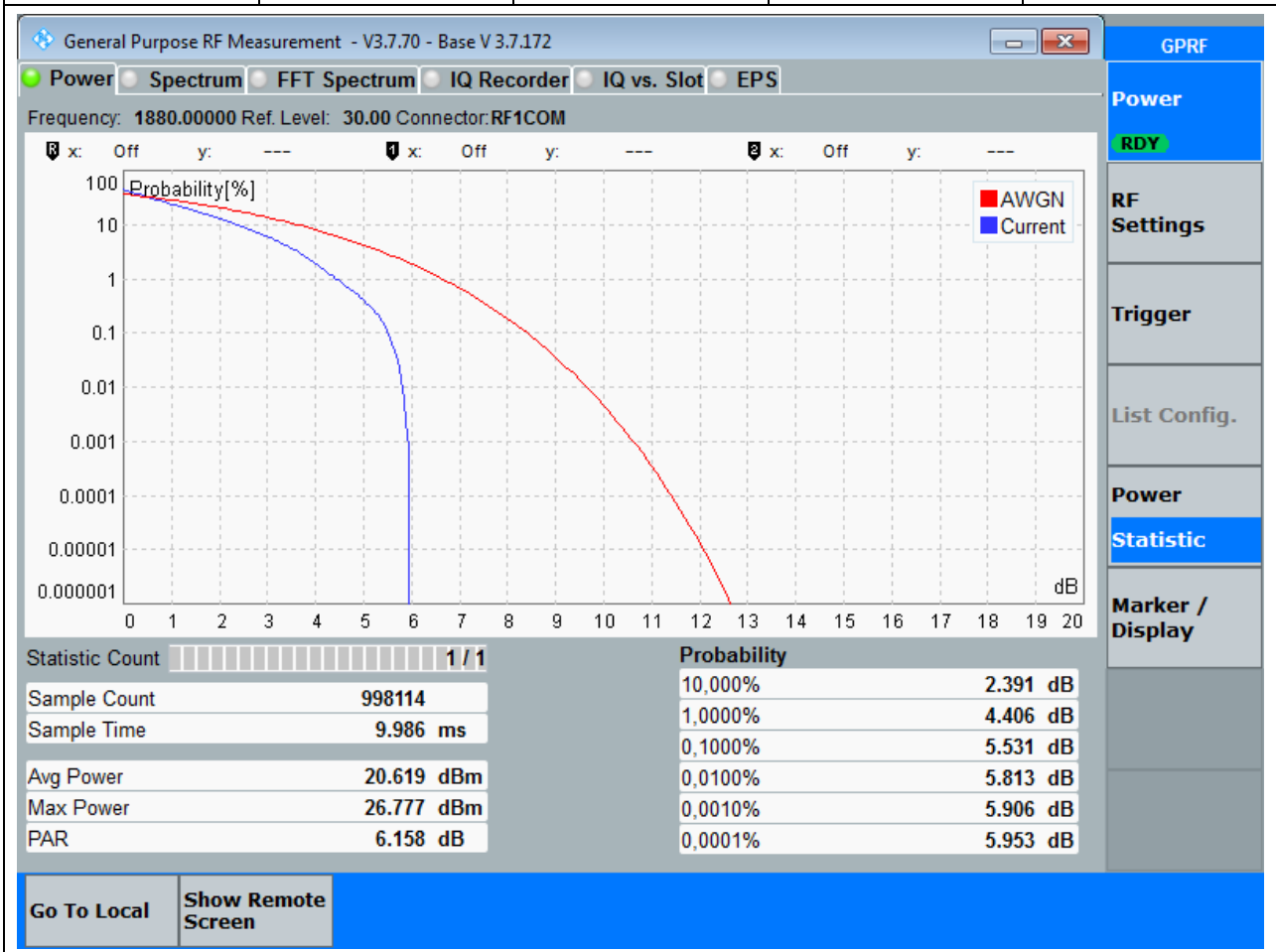
Statistic Count	
Sample Count	999912
Sample Time	10.004 ms
Avg Power	20.122 dBm
Max Power	25.711 dBm
PAR	5.589 dB

Probability	
10,000%	2.531 dB
1,0000%	4.453 dB
0,1000%	5.391 dB
0,0100%	5.484 dB
0,0010%	5.531 dB
0,0001%	5.531 dB

Go To Local
Show Remote Screen

1.14. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.53	13	Pass



1.15. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.09	13	Pass

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

GPRF

Power
 Spectrum
 FFT Spectrum
 IQ Recorder
 IQ vs. Slot
 EPS

Frequency: 1880.00000 Ref. Level: 30.00 Connector:RF1COM

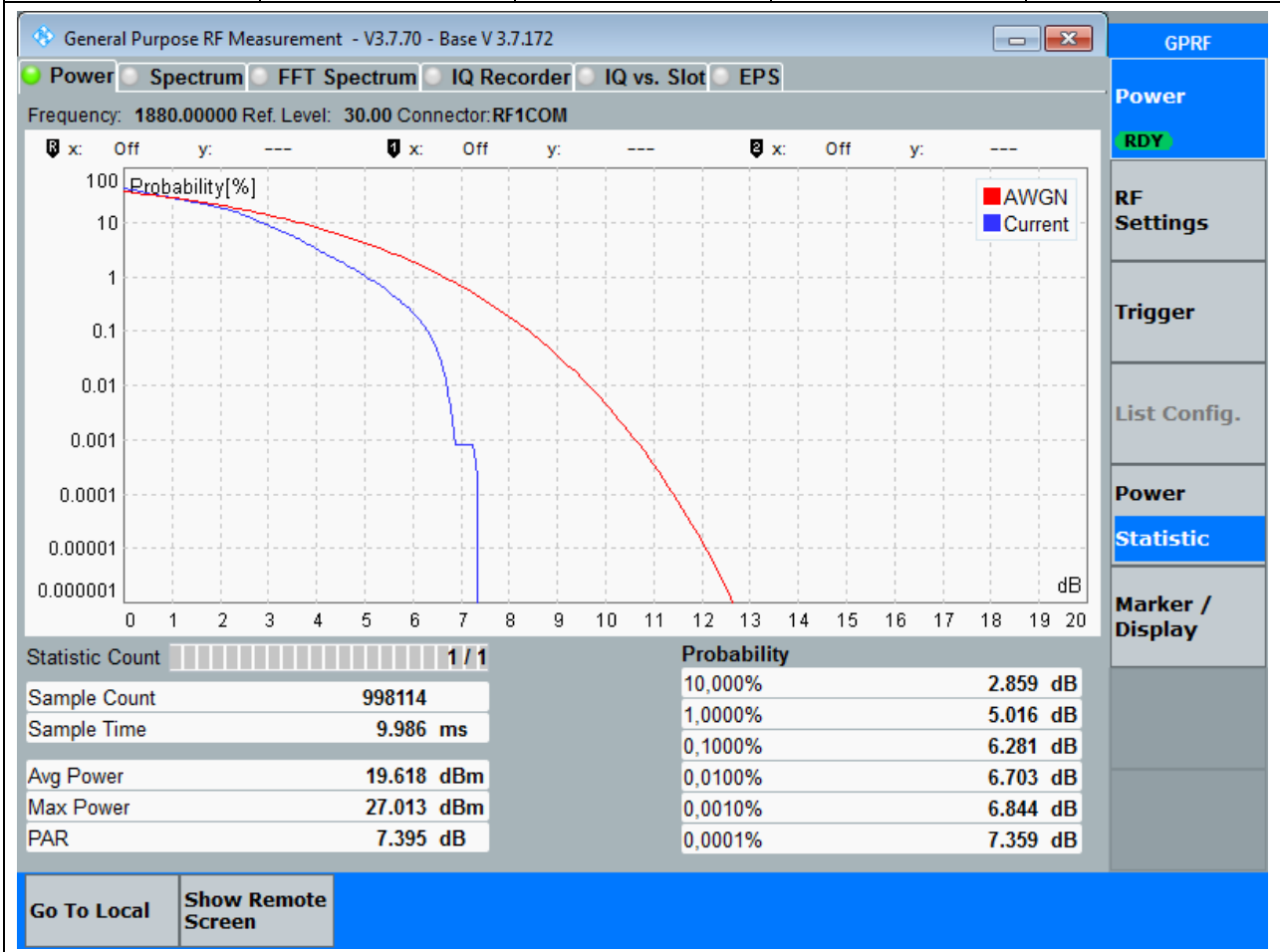
Statistic Count		Probability	
Sample Count	999914	10,000%	2.859 dB
Sample Time	10.004 ms	1,0000%	5.250 dB
Avg Power	19.128 dBm	0,1000%	6.094 dB
Max Power	25.451 dBm	0,0100%	6.234 dB
PAR	6.323 dB	0,0010%	6.234 dB
		0,0001%	6.281 dB

Go To Local

Show Remote Screen

1.16. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

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



1.17. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.05	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: 1880.00000 Ref. Level: 30.00 Connector:RF1COM

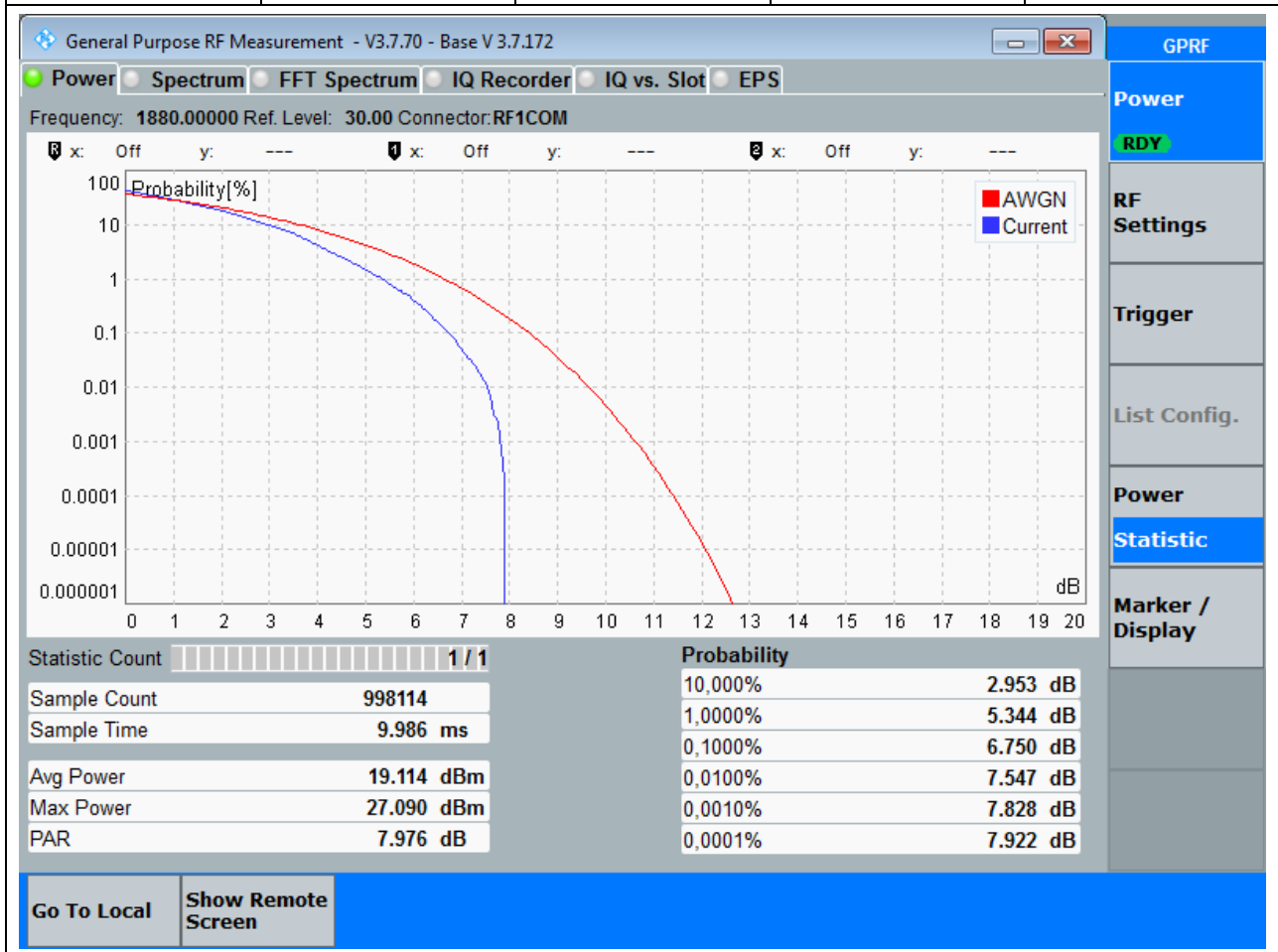
Statistic Count	
Sample Count	999914
Sample Time	10.004 ms
Avg Power	18.732 dBm
Max Power	25.191 dBm
PAR	6.459 dB

Probability	
10,000%	3.047 dB
1,0000%	5.063 dB
0,1000%	6.047 dB
0,0100%	6.281 dB
0,0010%	6.422 dB
0,0001%	6.422 dB

Marker / Display

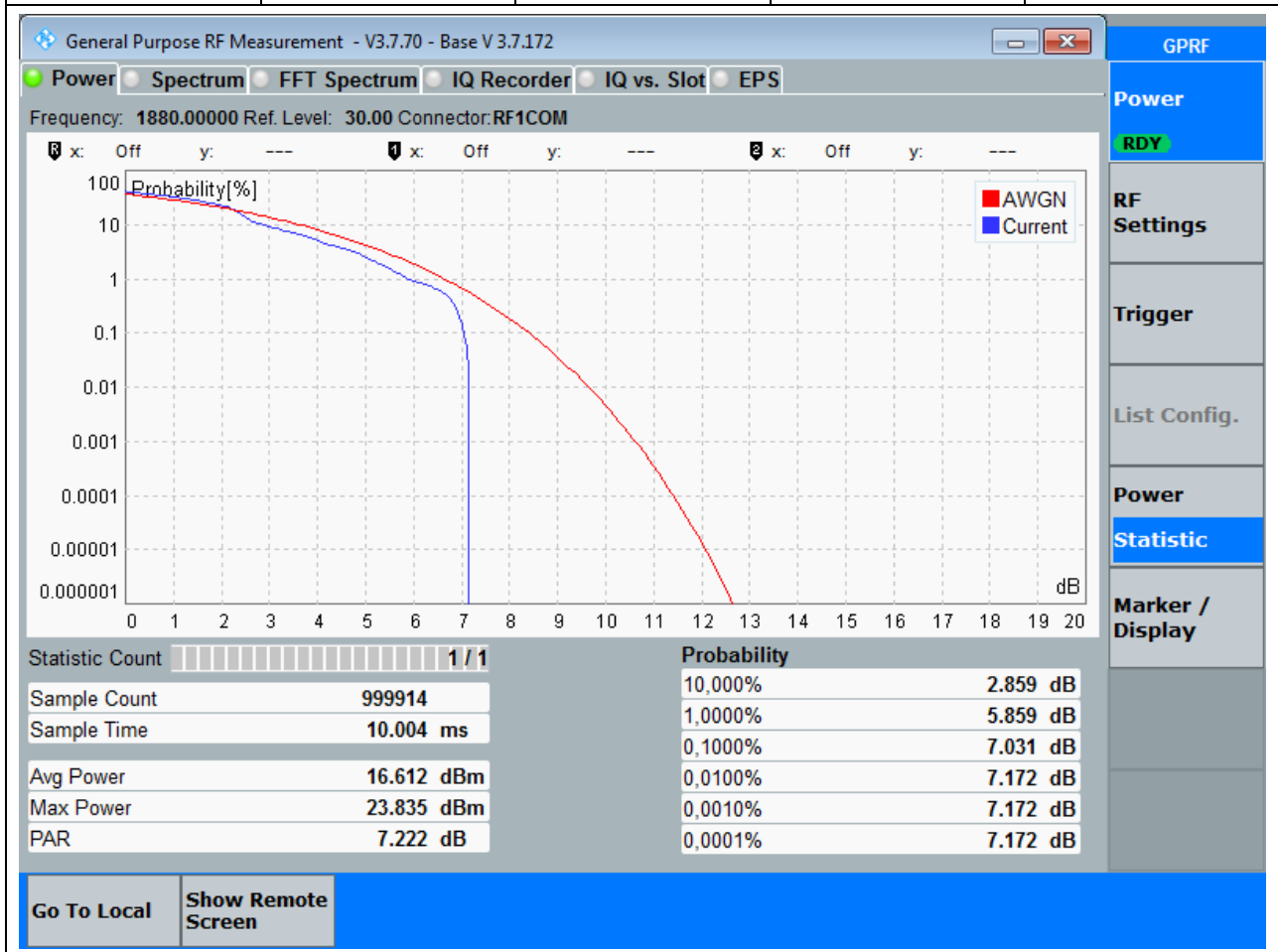
1.18. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	6.75	13	Pass



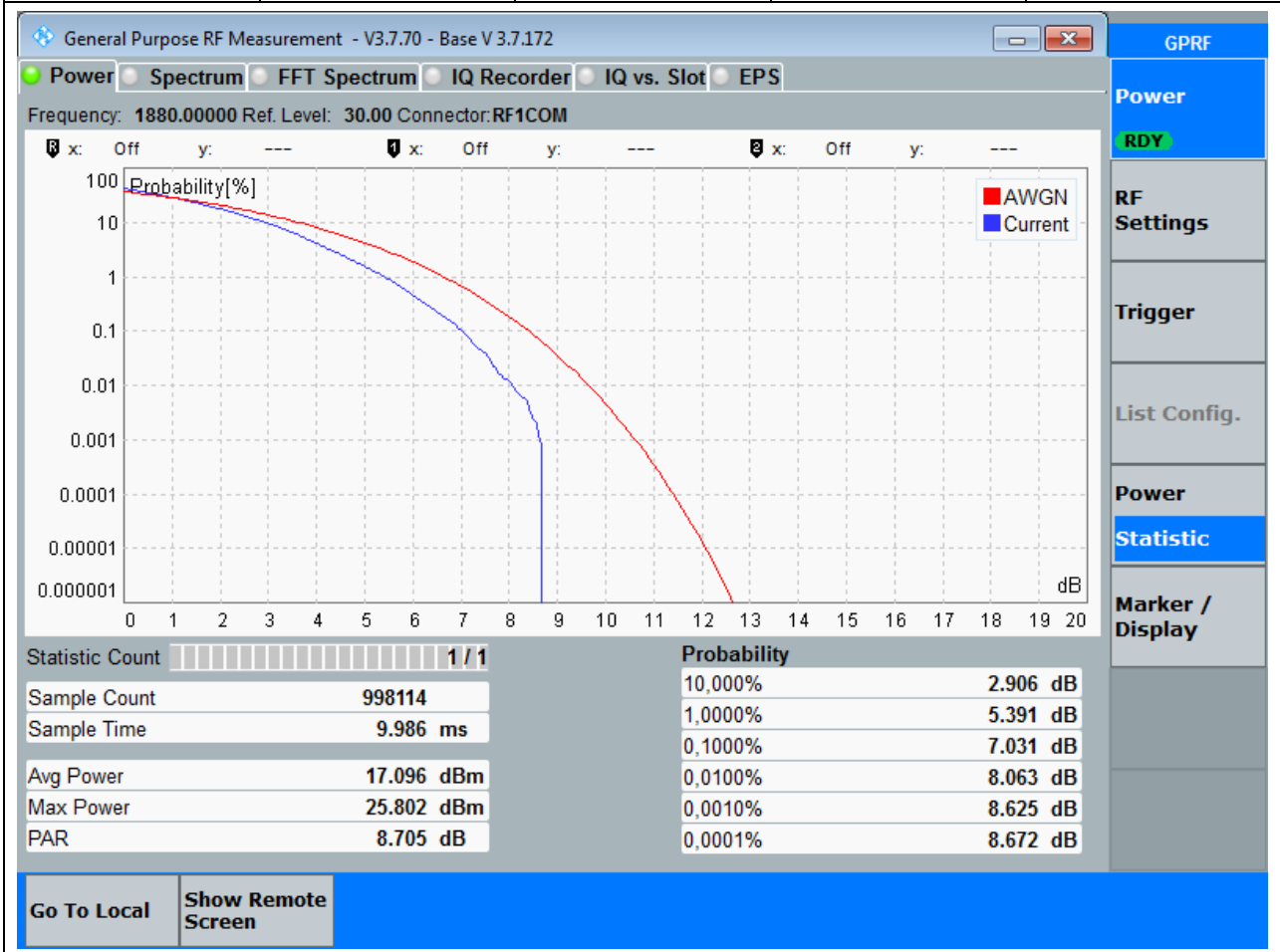
1.19. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	7.03	13	Pass



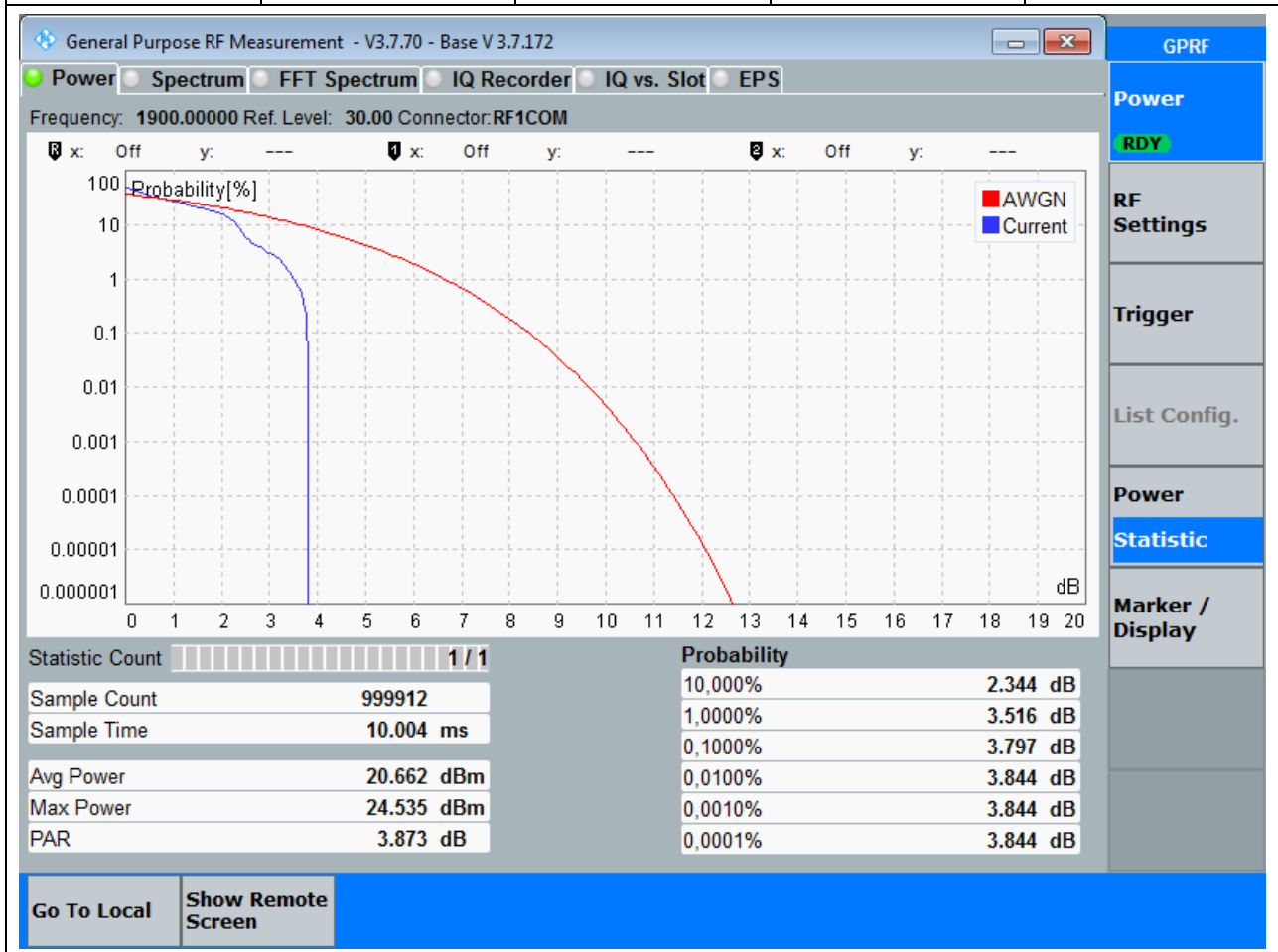
1.20. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	7.03	13	Pass



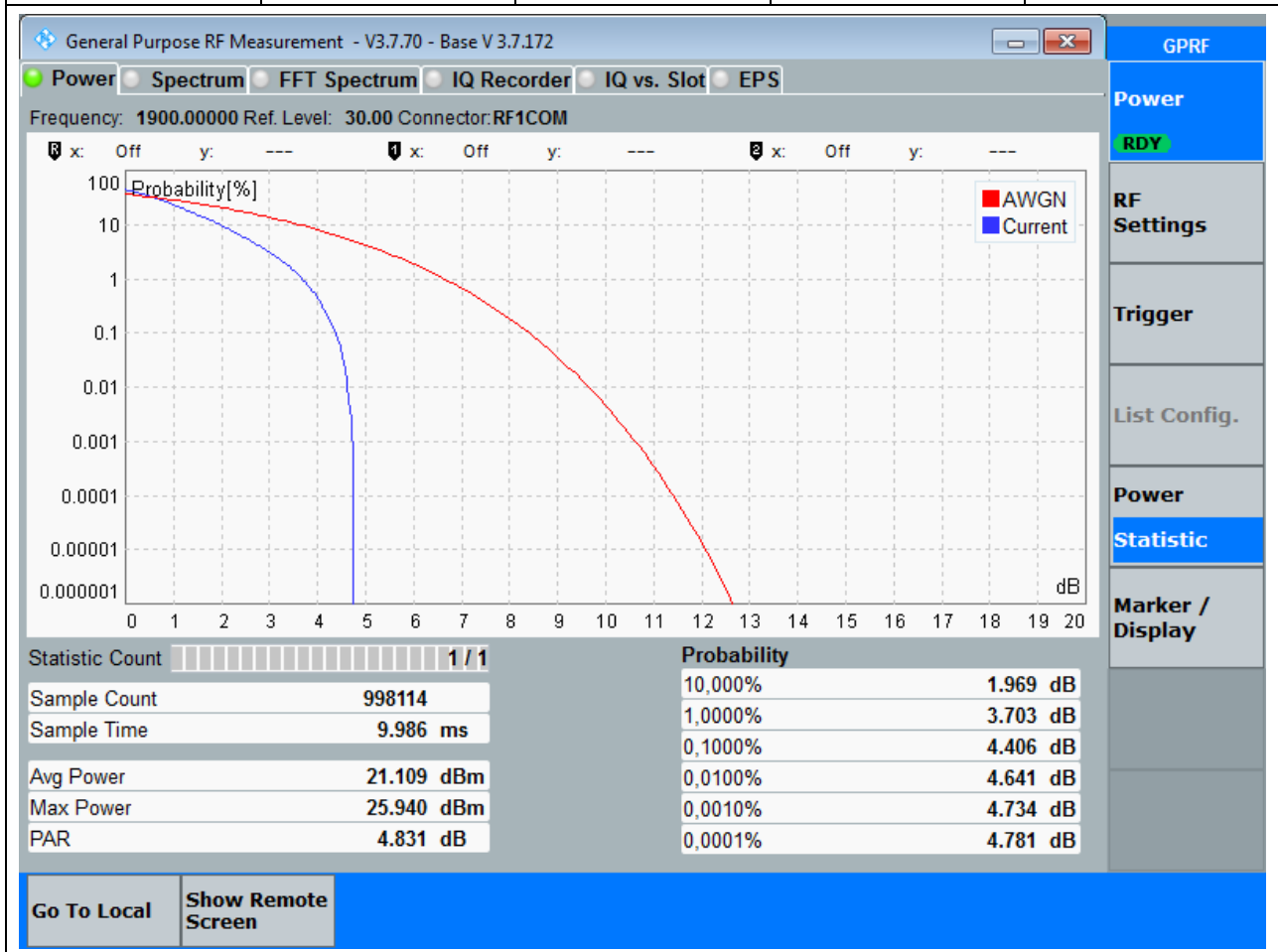
1.21. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	3.8	13	Pass



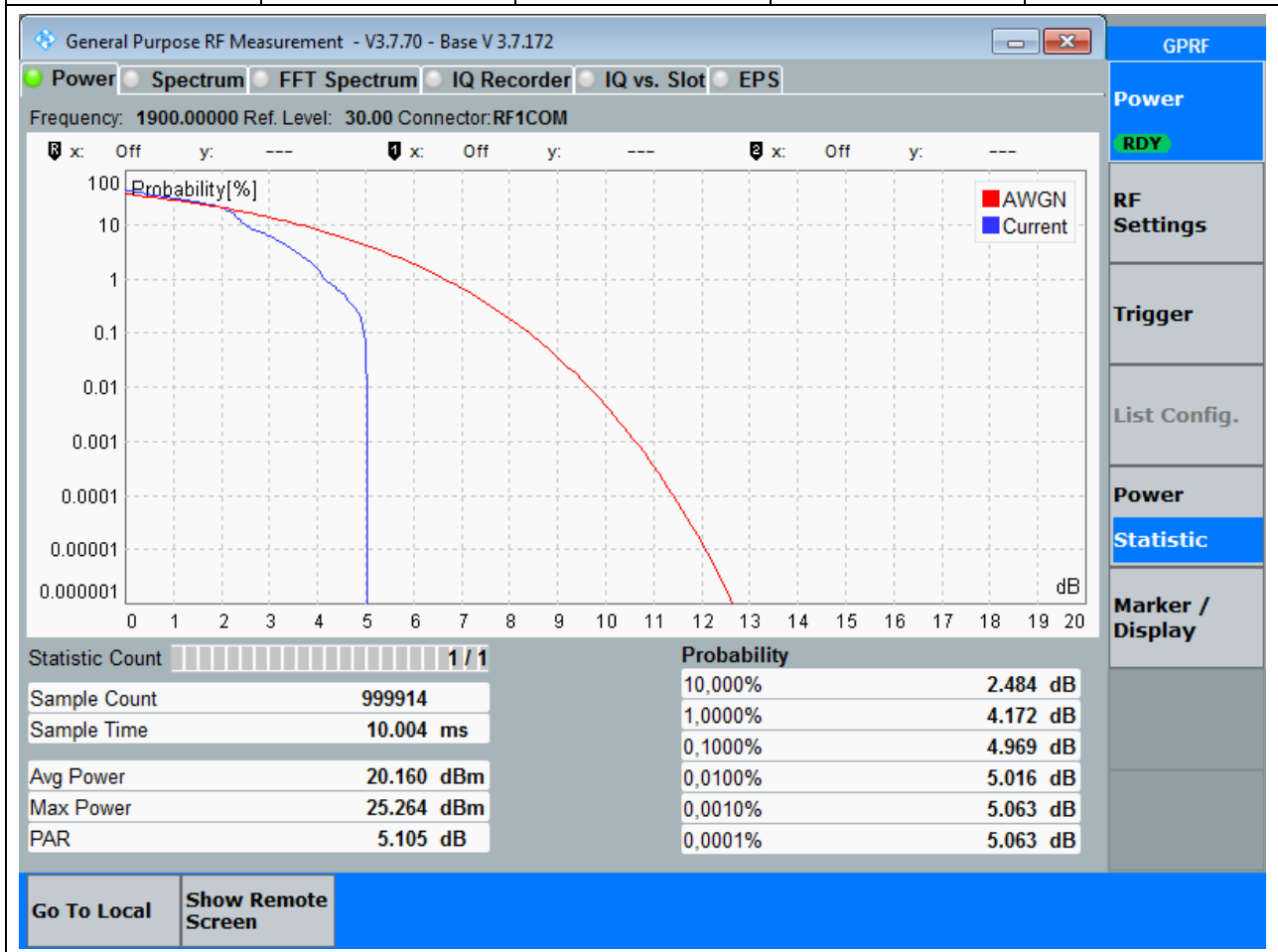
1.22. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	4.41	13	Pass



1.23. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	4.97	13	Pass



1.24. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	5.3	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: 1900.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Probability[%]

Legend: ■ AWGN ■ Current

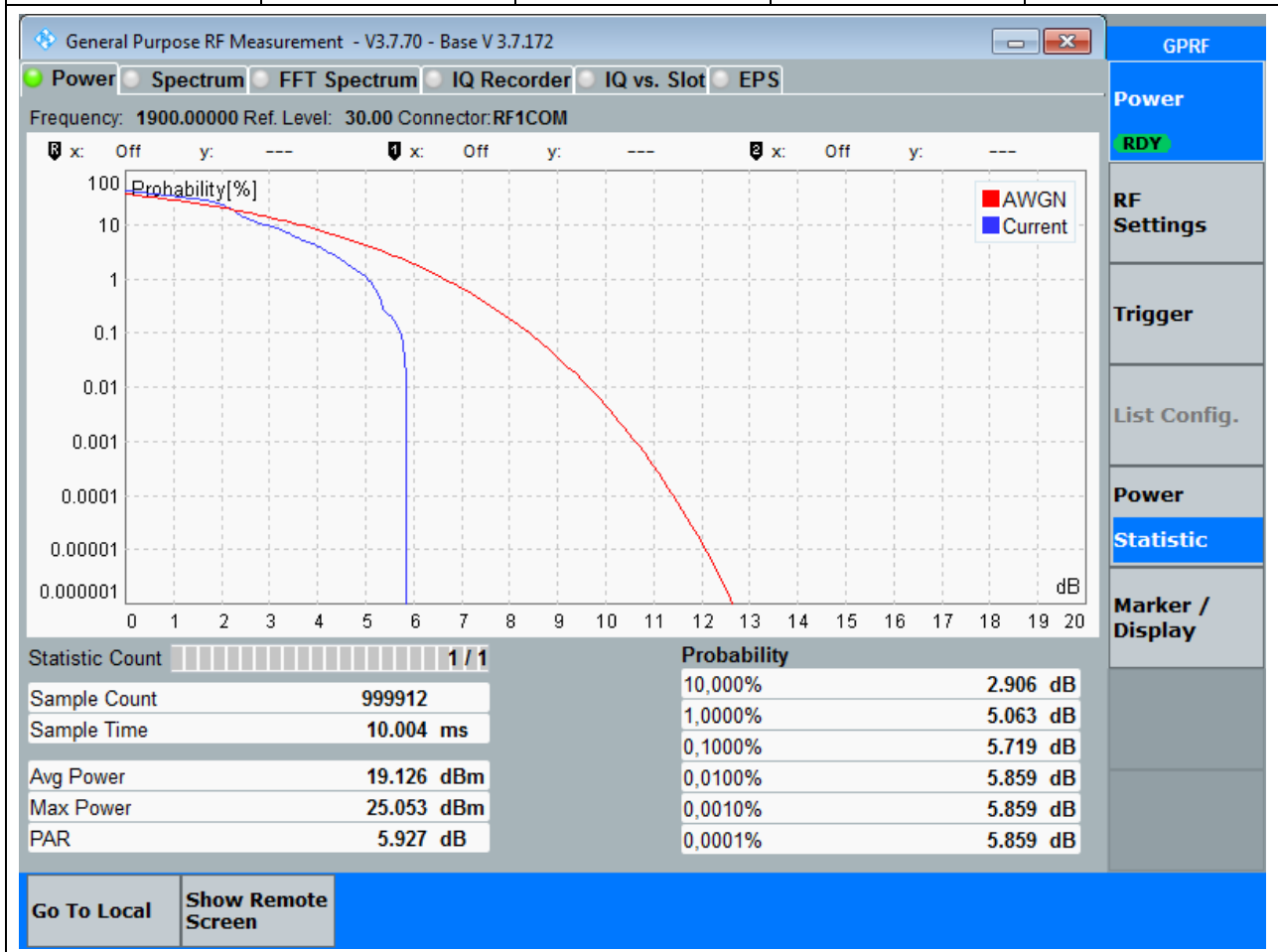
Statistic Count	
Sample Count	998114
Sample Time	9.986 ms
Avg Power	20.601 dBm
Max Power	26.412 dBm
PAR	5.811 dB

Probability	
10,000%	2.391 dB
1,0000%	4.359 dB
0,1000%	5.297 dB
0,0100%	5.578 dB
0,0010%	5.672 dB
0,0001%	5.766 dB

Go To Local
Show Remote Screen

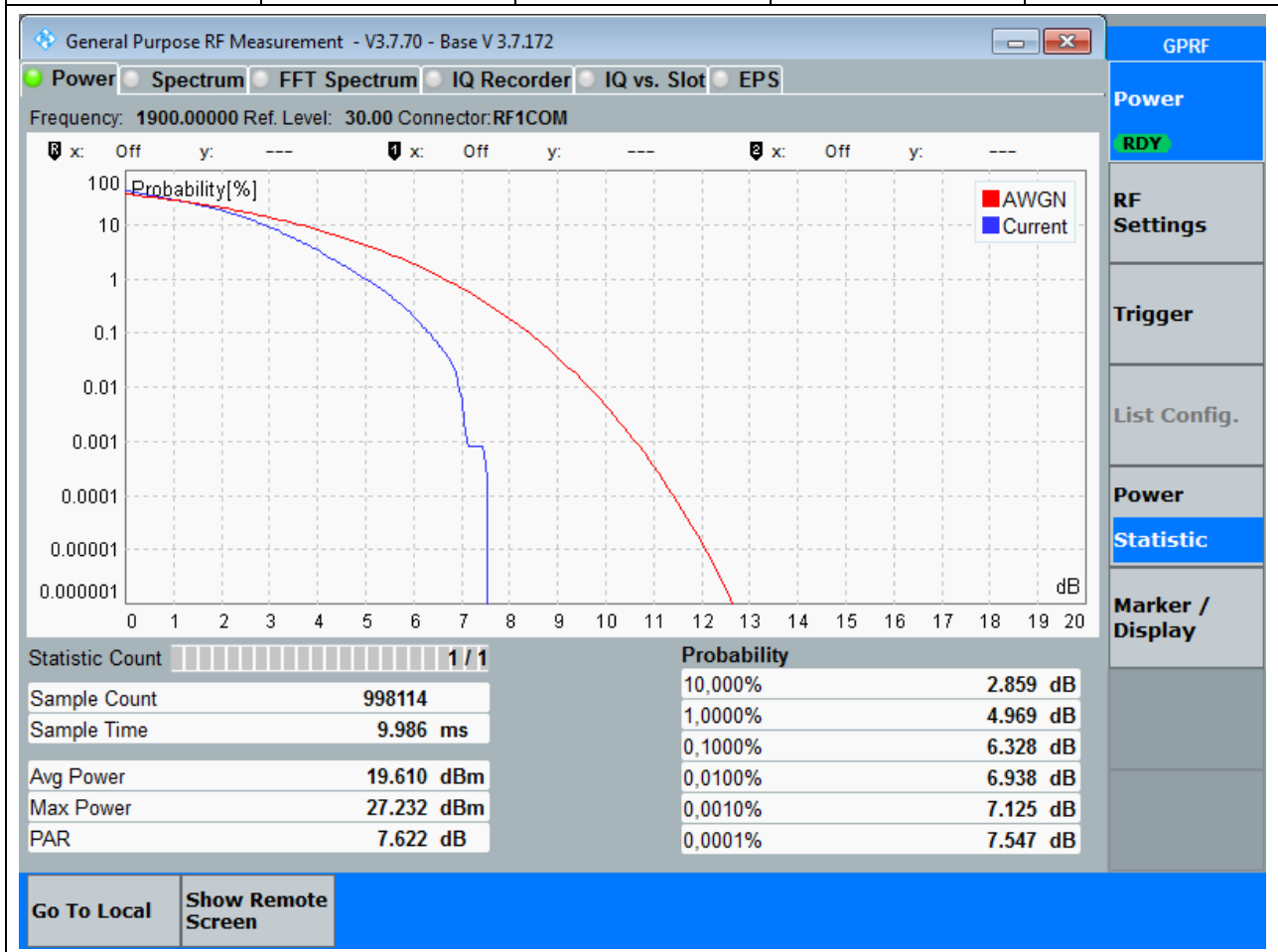
1.25. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	5.72	13	Pass



1.26. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

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



1.27. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	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: 1900.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

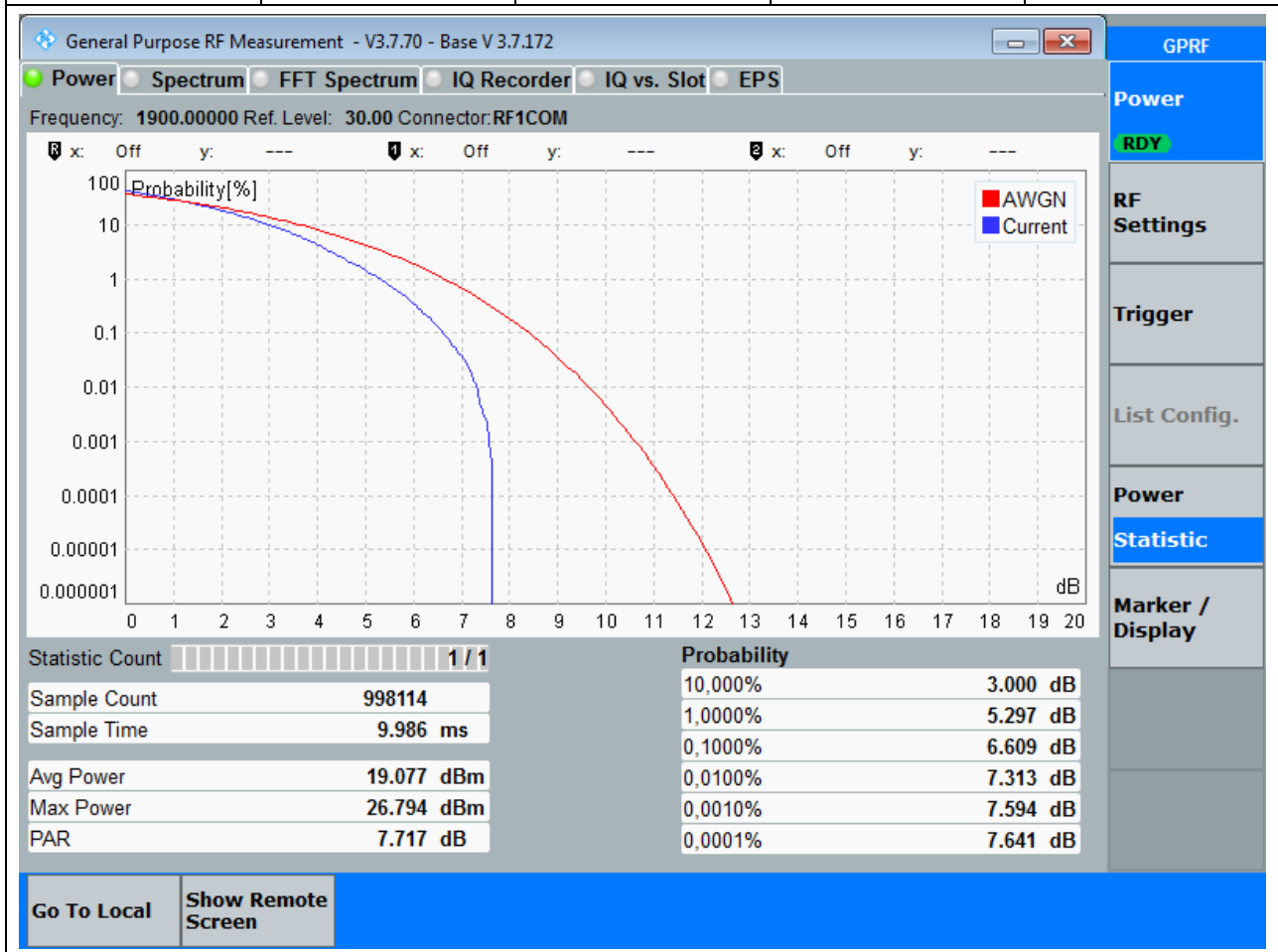
Statistic Count	
Sample Count	999912
Sample Time	10.004 ms
Avg Power	18.621 dBm
Max Power	24.535 dBm
PAR	5.914 dB

Probability	
10,000%	3.000 dB
1,0000%	4.922 dB
0,1000%	5.719 dB
0,0100%	5.859 dB
0,0010%	5.859 dB
0,0001%	5.859 dB

Go To Local
Show Remote Screen

1.28. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	6.61	13	Pass



1.29. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	6.89	13	Pass

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

GPRF

Power
 Spectrum
 FFT Spectrum
 IQ Recorder
 IQ vs. Slot
 EPS

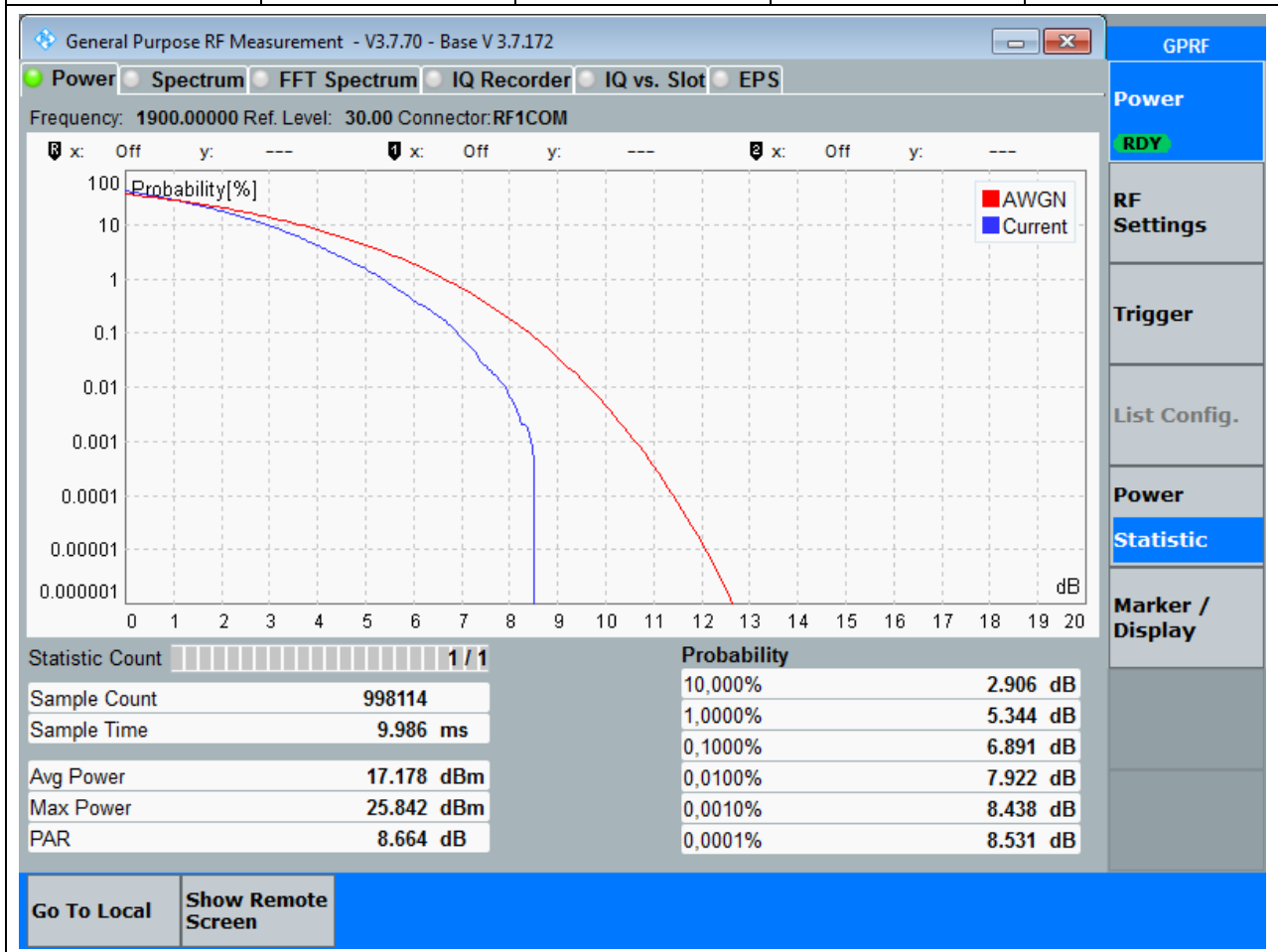
Frequency: 1900.00000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count		Probability	
Sample Count	999912	10,000%	2.859 dB
Sample Time	10.004 ms	1,0000%	5.813 dB
Avg Power	16.614 dBm	0,1000%	6.891 dB
Max Power	23.661 dBm	0,0100%	6.984 dB
PAR	7.048 dB	0,0010%	6.984 dB
		0,0001%	7.031 dB

Go To Local
Show Remote Screen

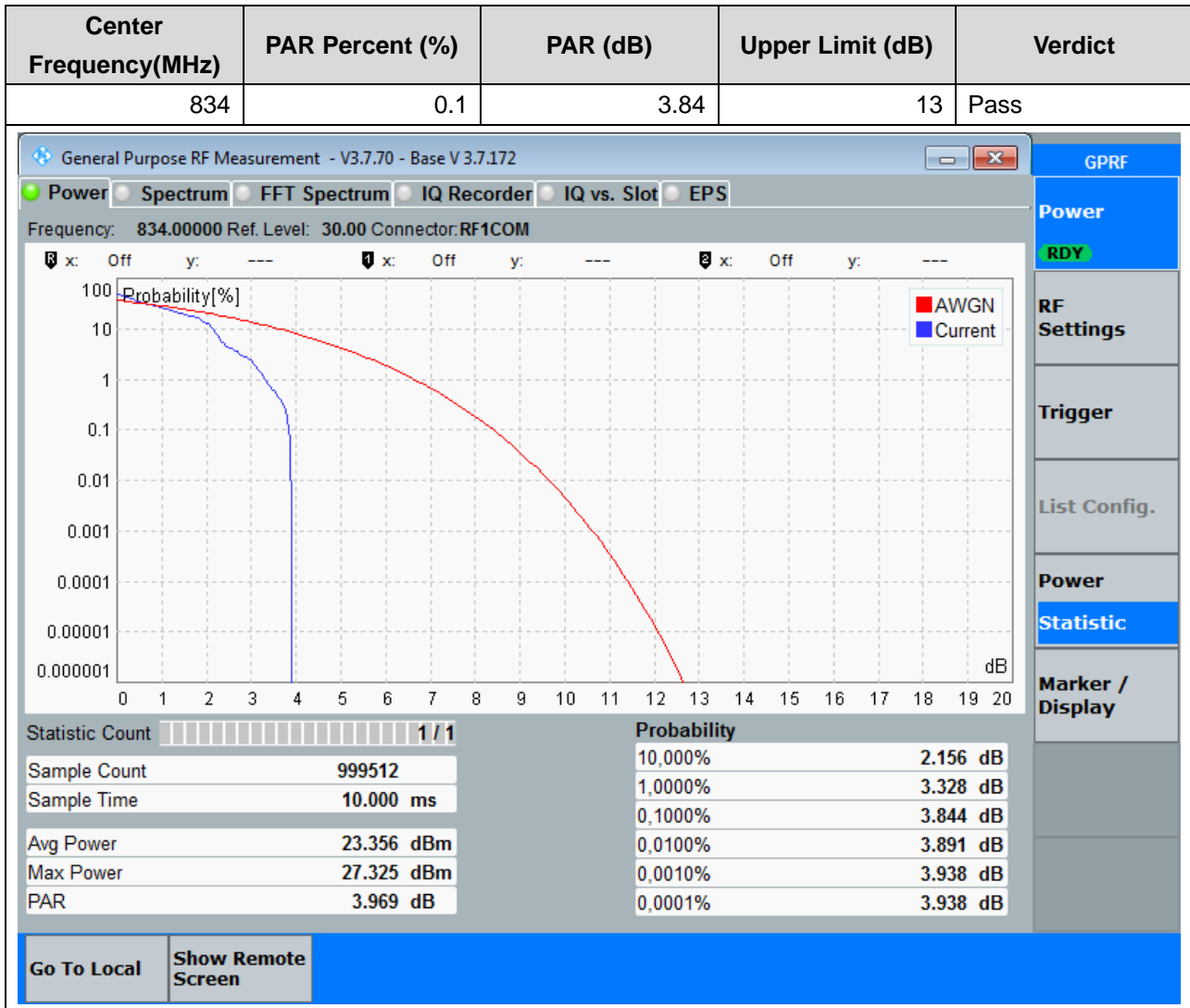
1.30. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:380000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	6.89	13	Pass



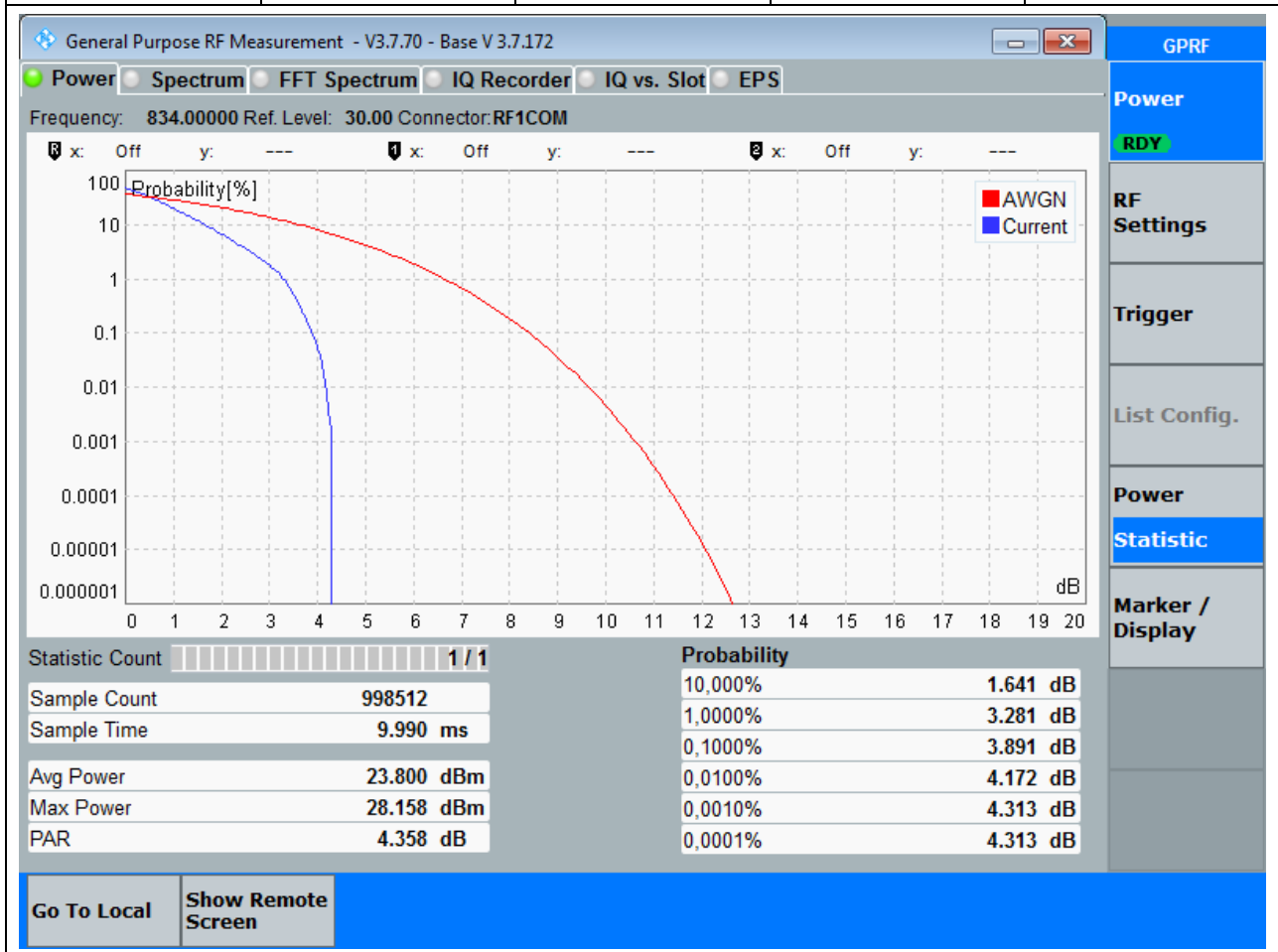
5. n5

5.1. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



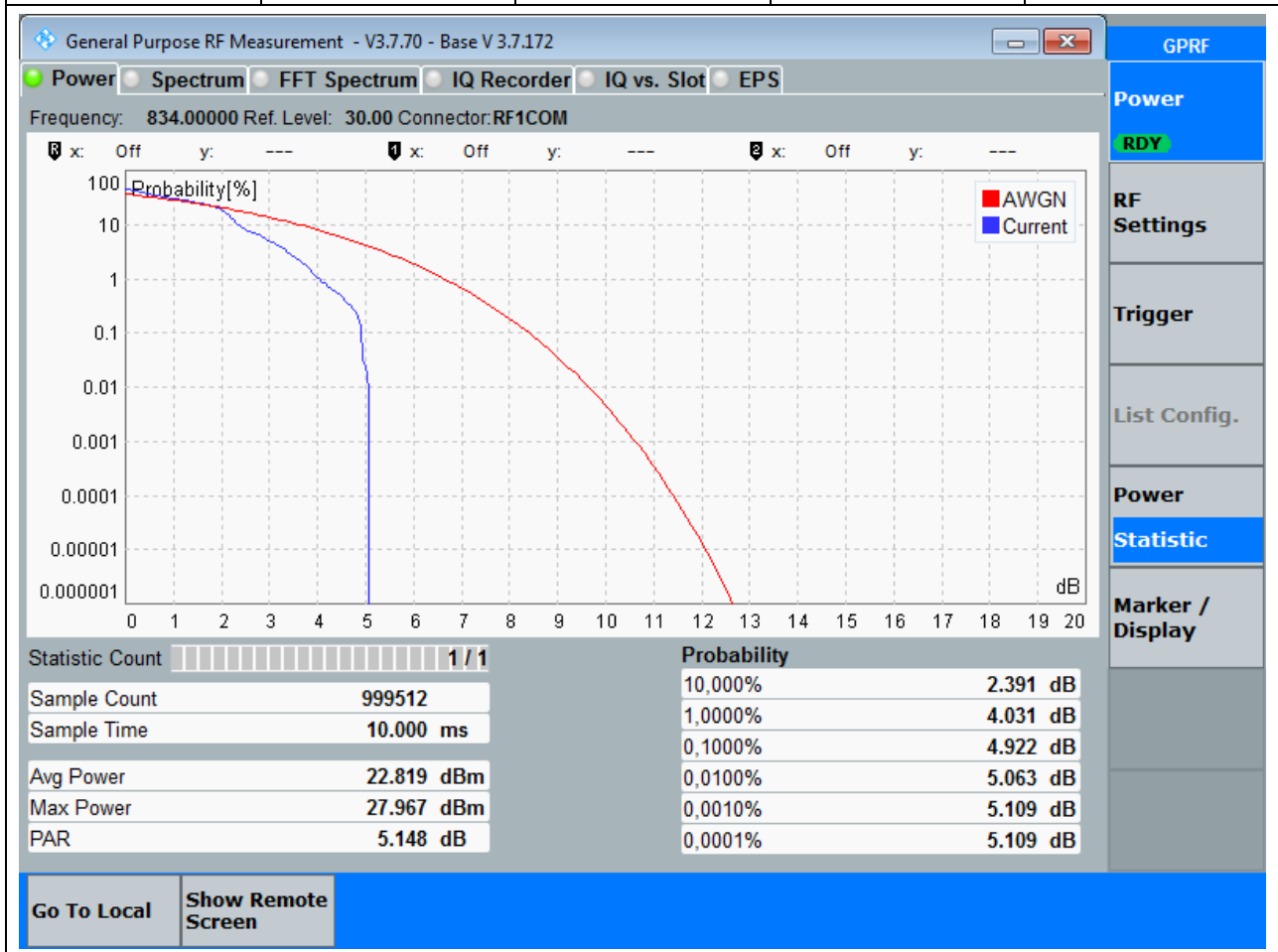
5.2. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	3.89	13	Pass



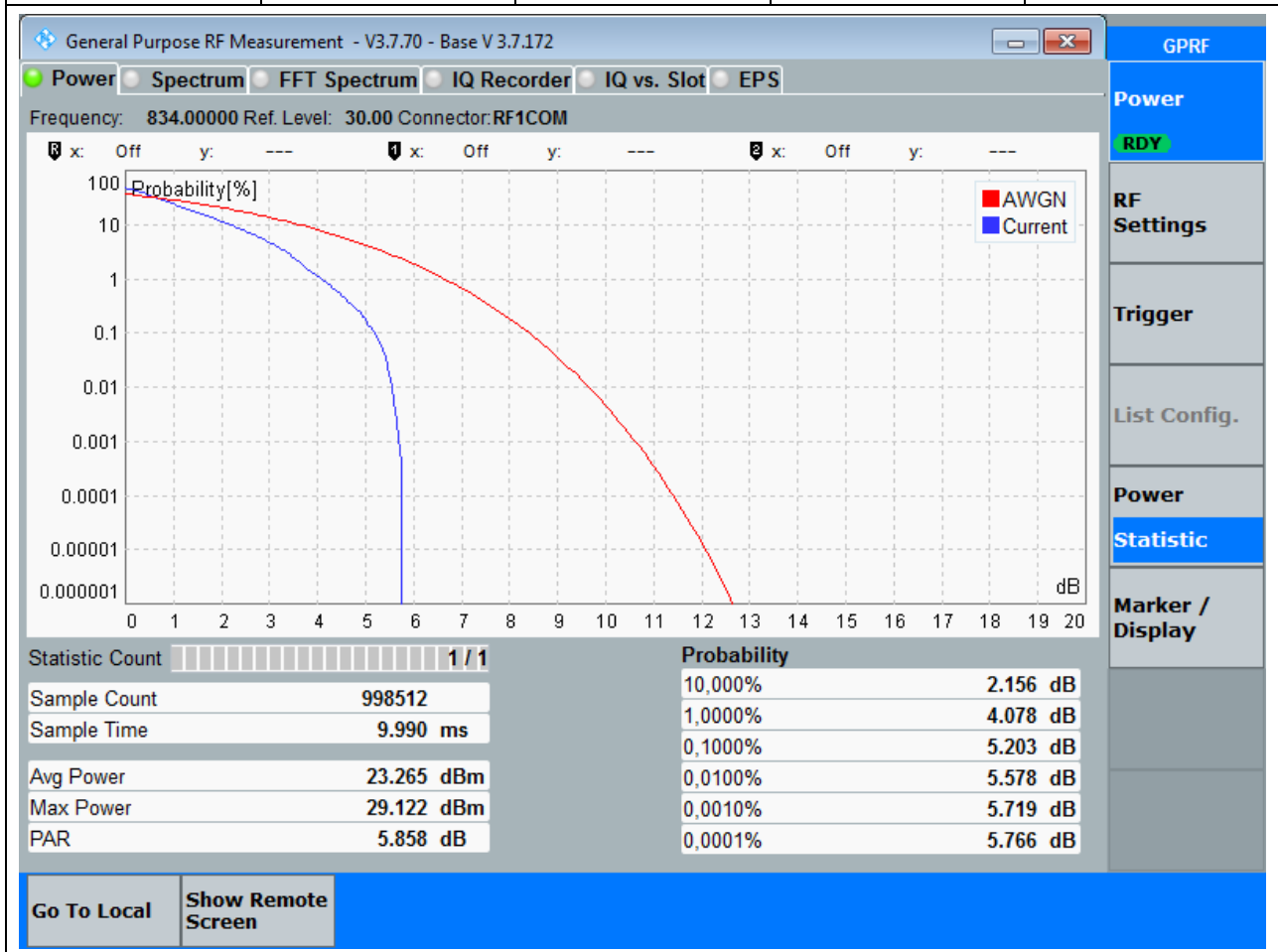
5.3. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	4.92	13	Pass



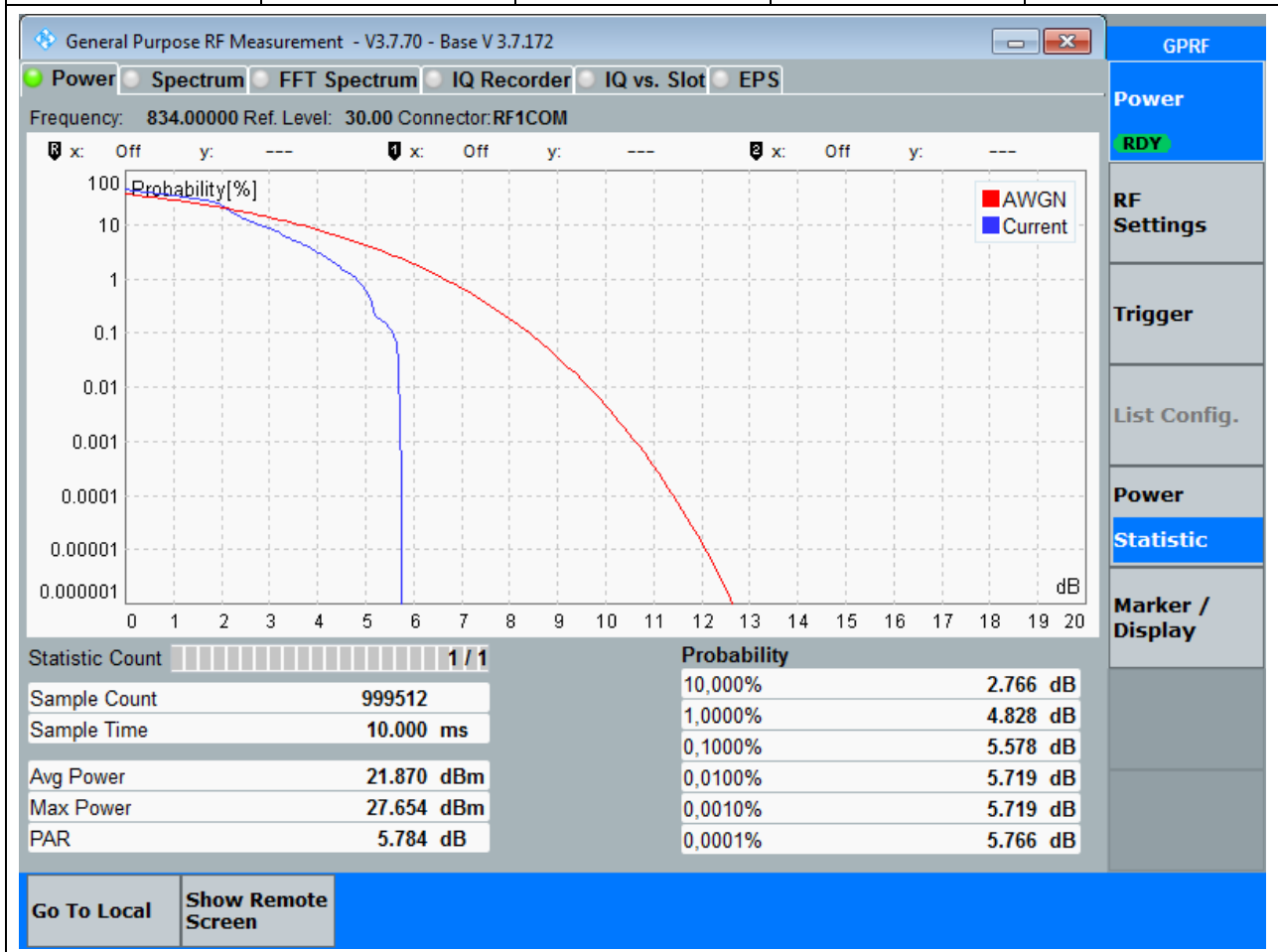
5.4. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	5.2	13	Pass



5.5. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	5.58	13	Pass



5.6. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	6.05	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: 834.00000 Ref. Level: 30.00 Connector:RF1COM

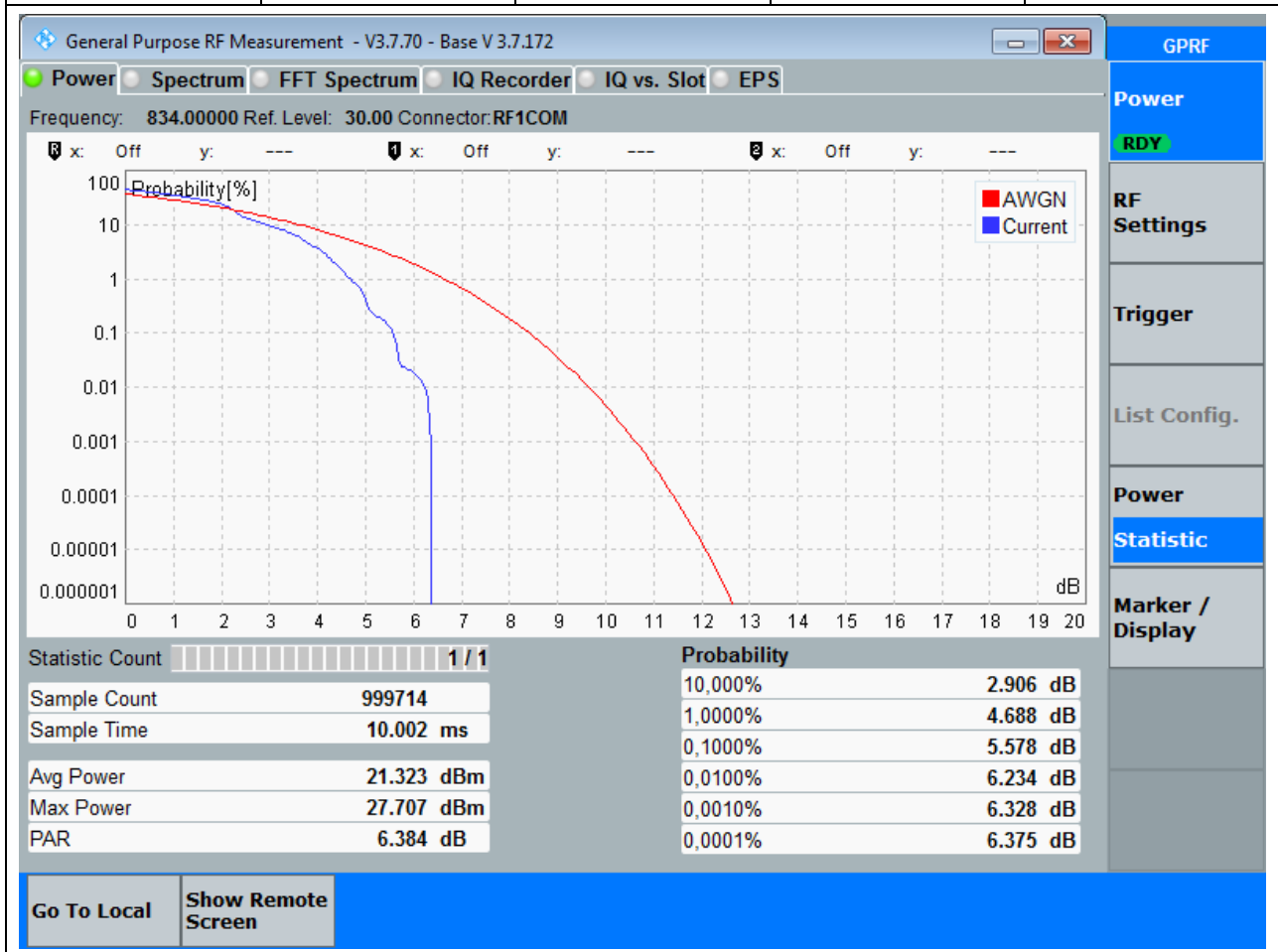
Probability[%] vs dB plot showing AWGN (red) and Current (blue) curves.

Statistic	Value	Probability	Value
Sample Count	998512	10,000%	2.766 dB
Sample Time	9.990 ms	1,0000%	4.734 dB
Avg Power	22.261 dBm	0,1000%	6.047 dB
Max Power	29.260 dBm	0,0100%	6.563 dB
PAR	6.998 dB	0,0010%	6.844 dB
		0,0001%	6.938 dB

Go To Local Show Remote Screen

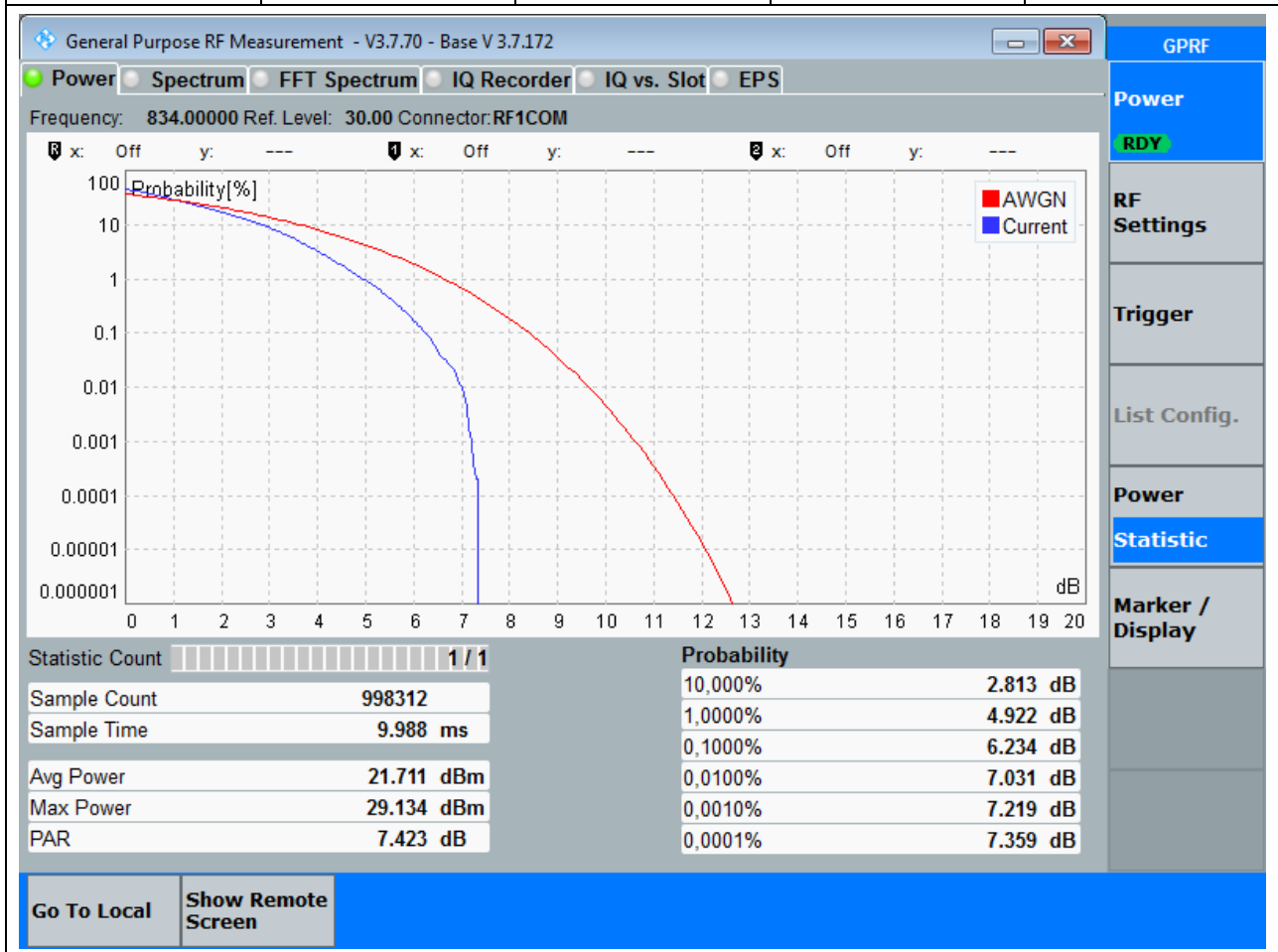
5.7. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	5.58	13	Pass



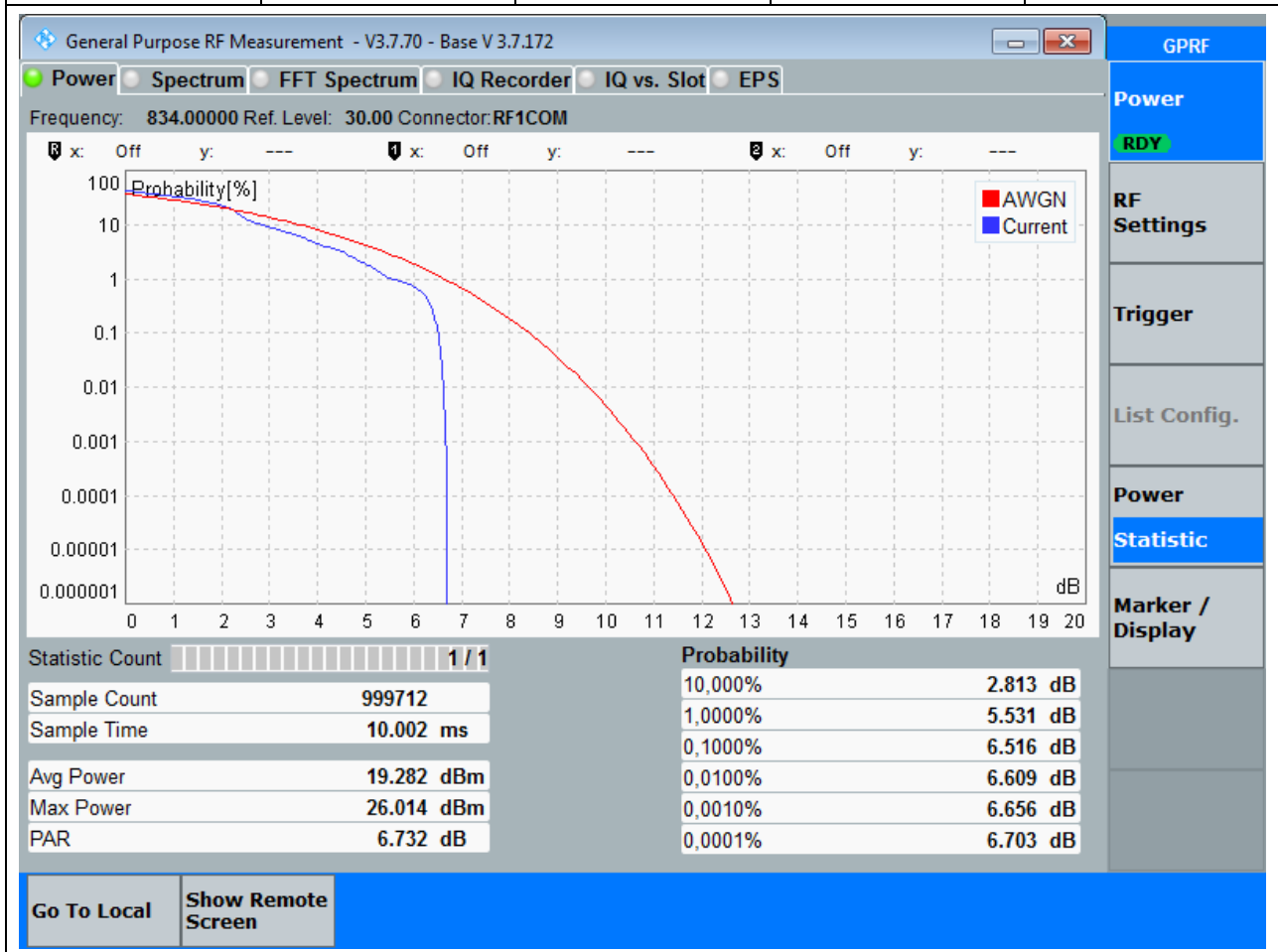
5.8. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	6.23	13	Pass



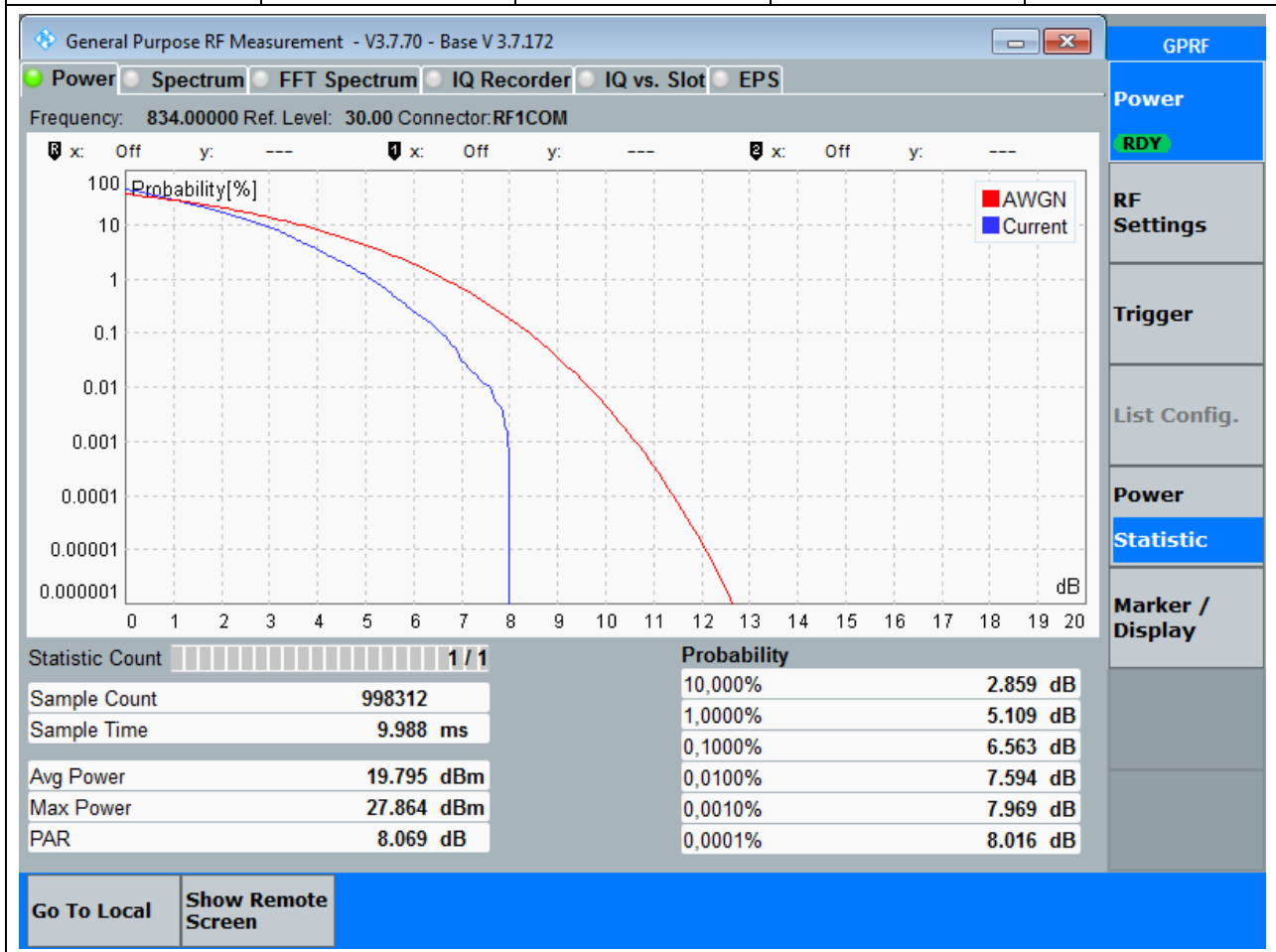
5.9. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	6.52	13	Pass



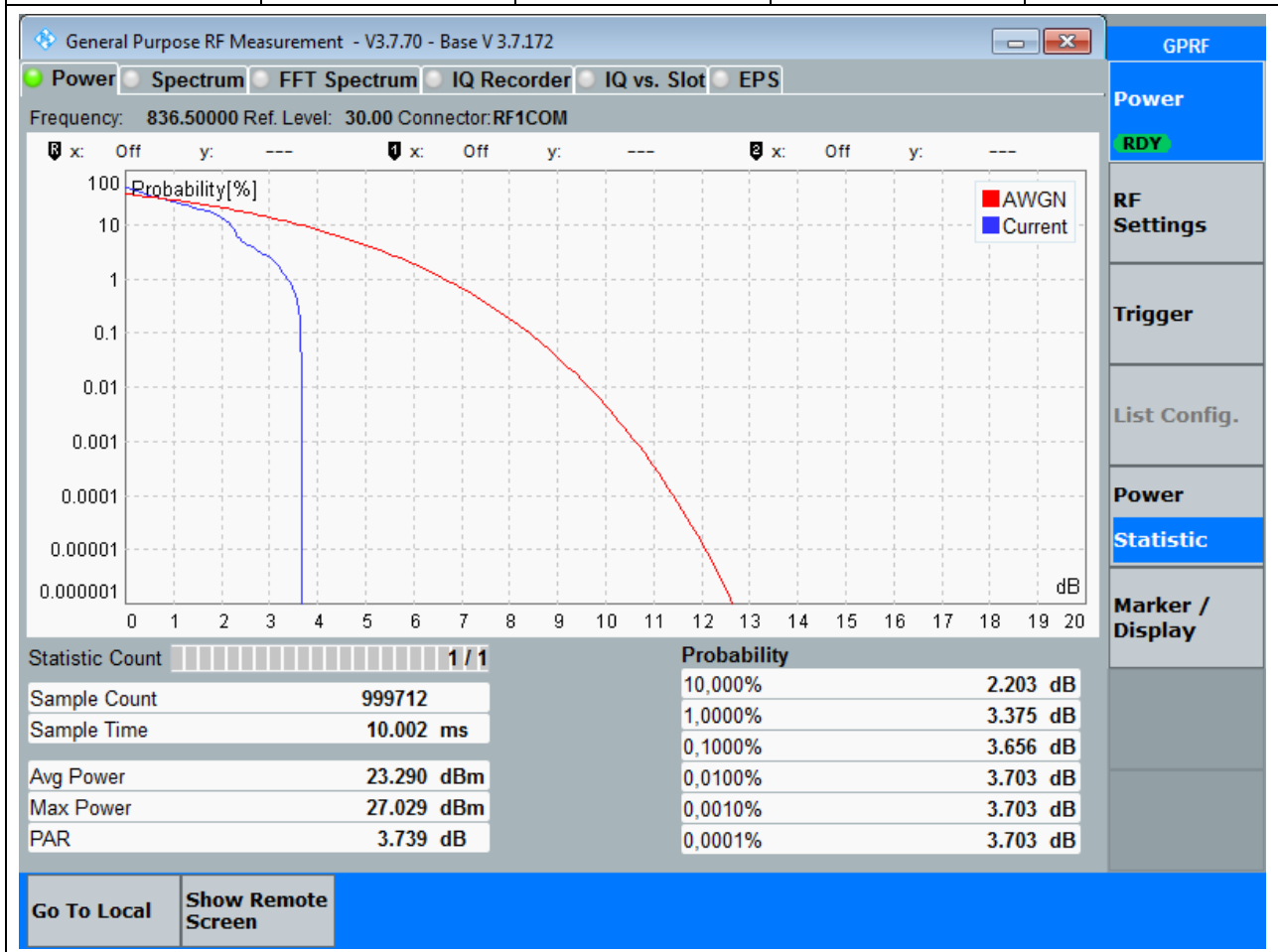
5.10. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
834	0.1	6.56	13	Pass



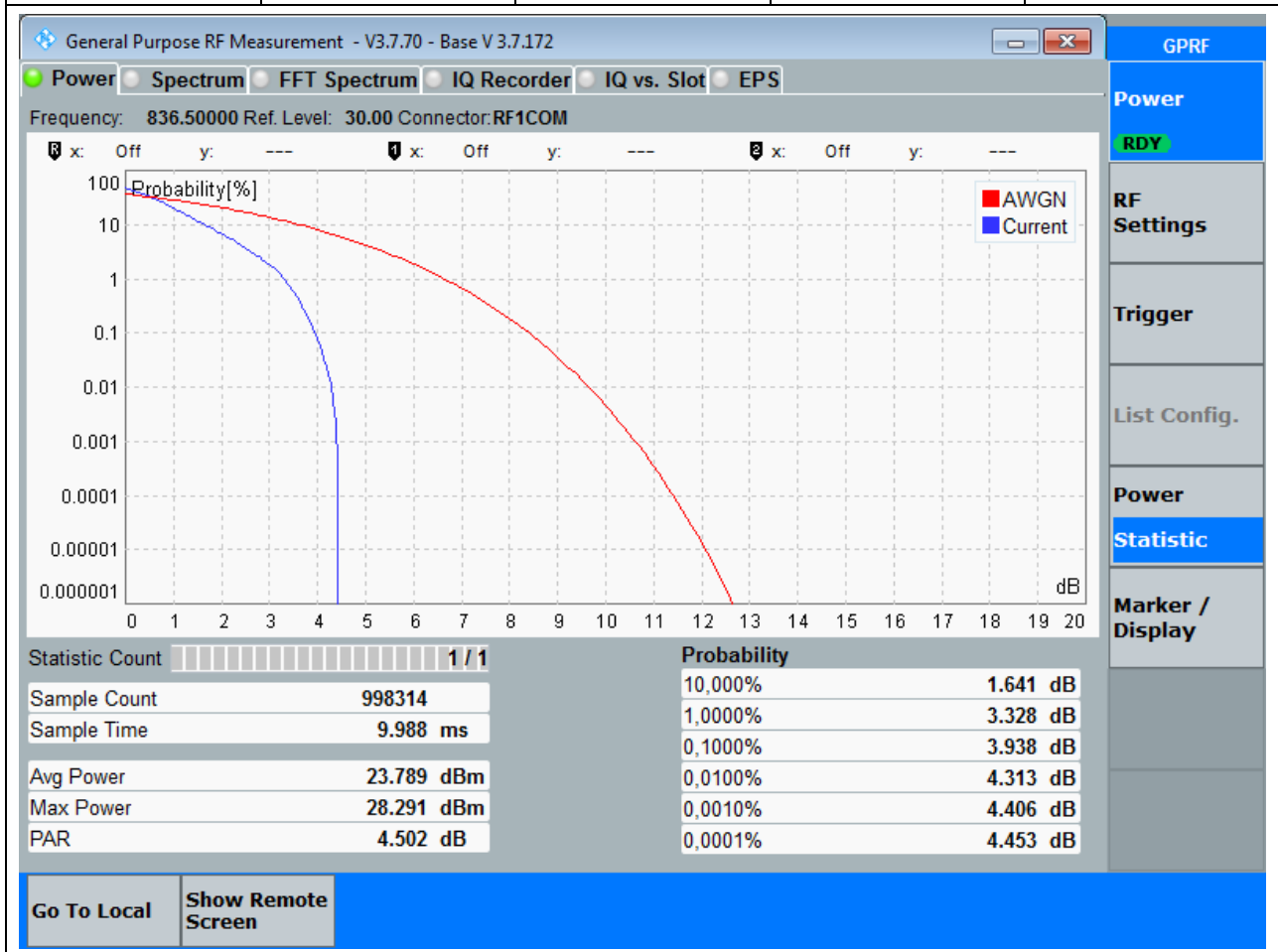
5.11. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	3.66	13	Pass



5.12. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	3.94	13	Pass



5.13. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	4.97	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:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Probability[%]

Legend: AWGN (red), Current (blue)

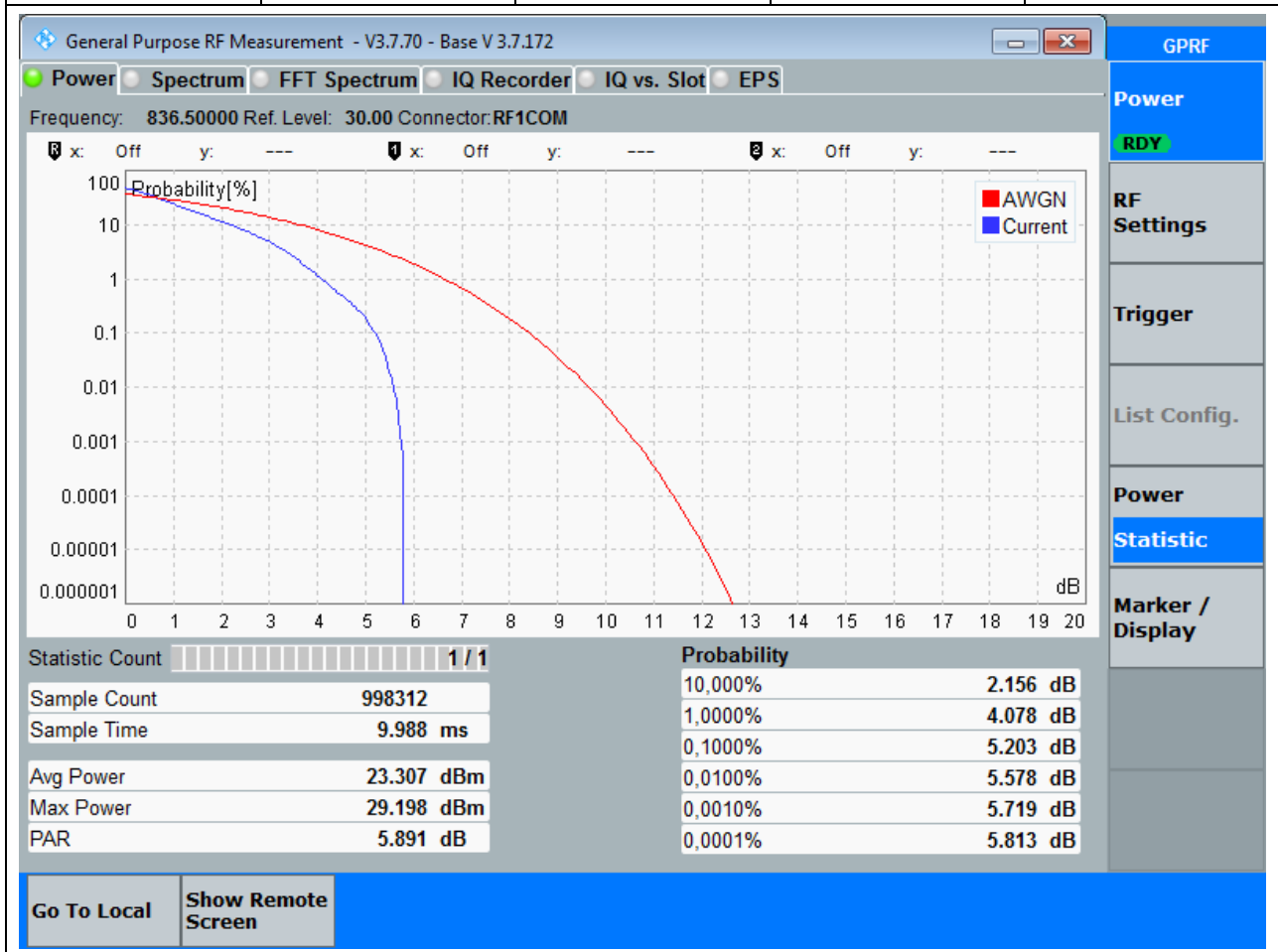
Statistic Count	
Sample Count	999714
Sample Time	10.002 ms
Avg Power	22.739 dBm
Max Power	28.051 dBm
PAR	5.311 dB

Probability	
10,000%	2.344 dB
1,0000%	4.031 dB
0,1000%	4.969 dB
0,0100%	5.203 dB
0,0010%	5.250 dB
0,0001%	5.250 dB

Go To Local
Show Remote Screen

5.14. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.2	13	Pass



5.15. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	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: 836.50000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Probability[%]

Legend: AWGN (red), Current (blue)

Statistic Count	
Sample Count	999712
Sample Time	10.002 ms
Avg Power	21.864 dBm
Max Power	27.701 dBm
PAR	5.838 dB

Probability	
10,000%	2.813 dB
1,0000%	4.828 dB
0,1000%	5.625 dB
0,0100%	5.766 dB
0,0010%	5.766 dB
0,0001%	5.813 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

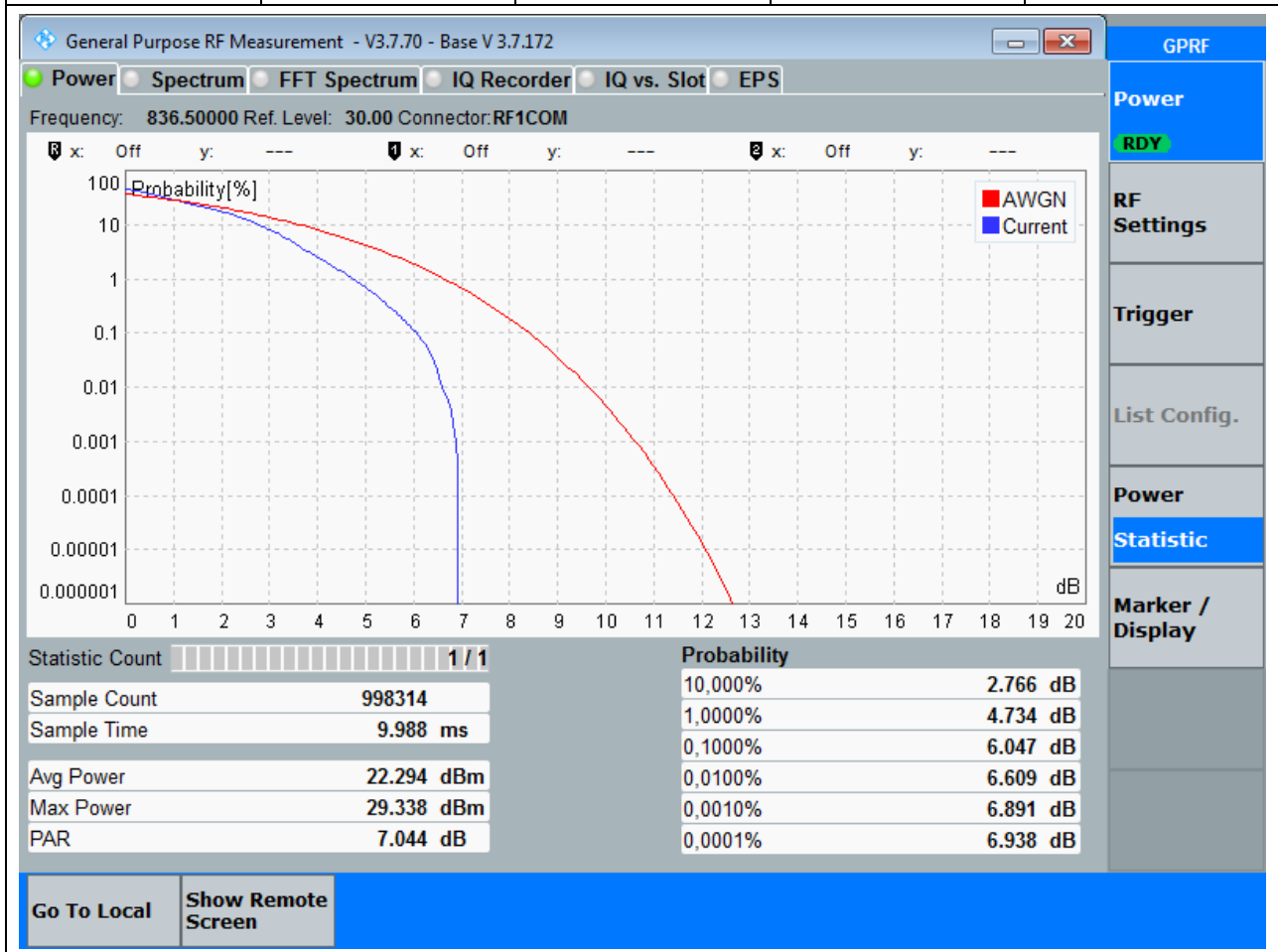
Power

Statistic

Marker / Display

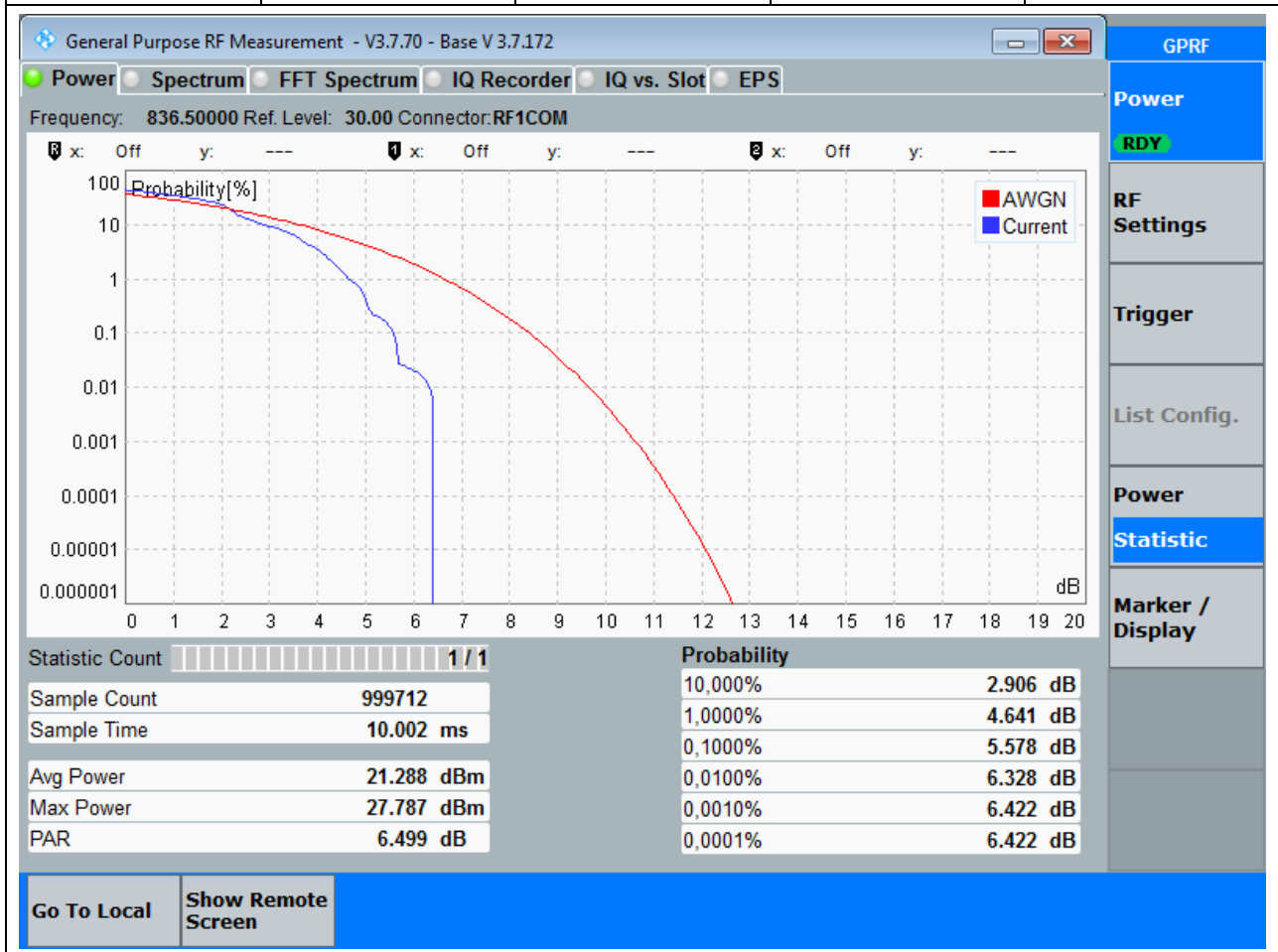
5.16. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	6.05	13	Pass



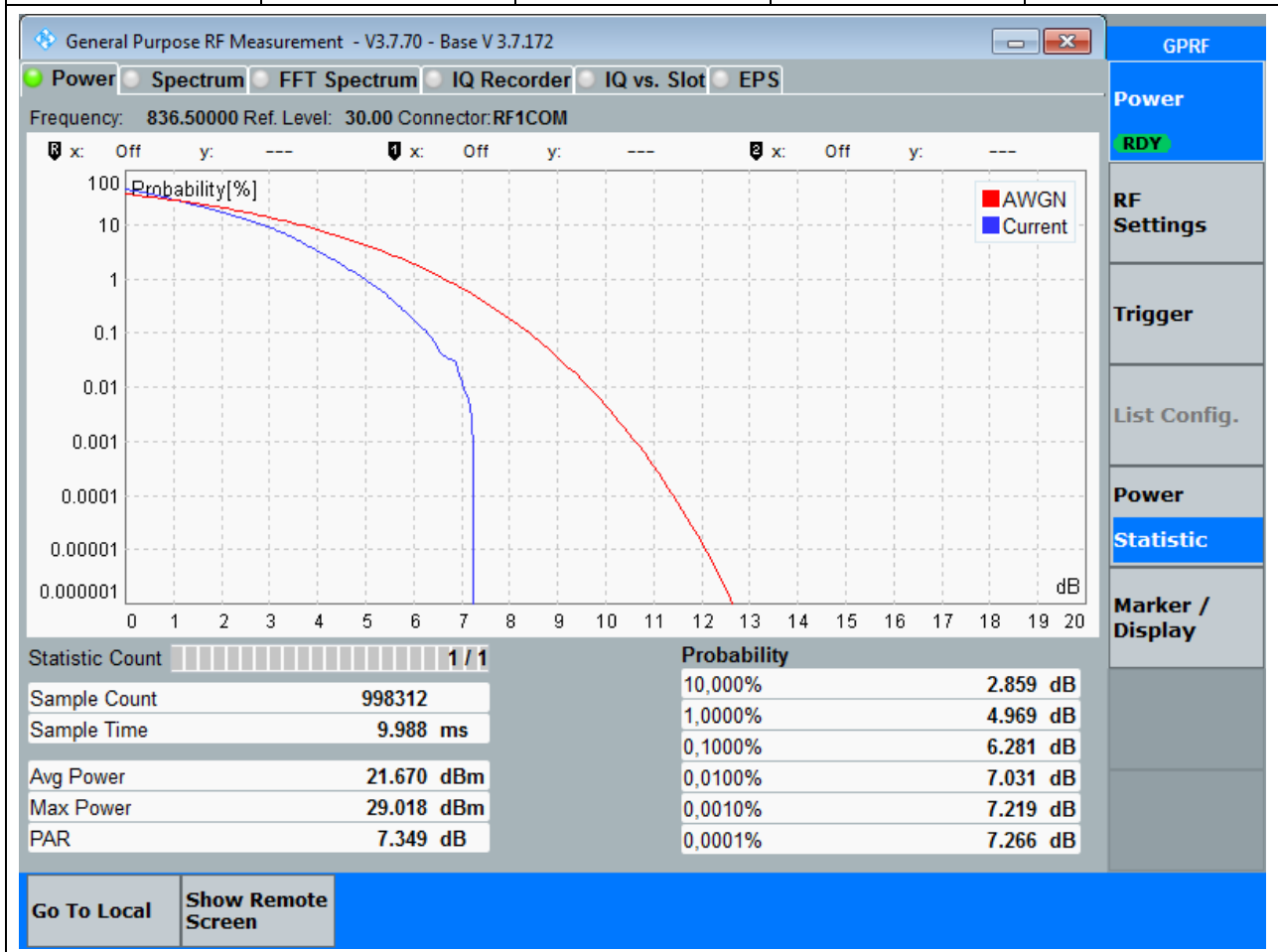
5.17. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.58	13	Pass



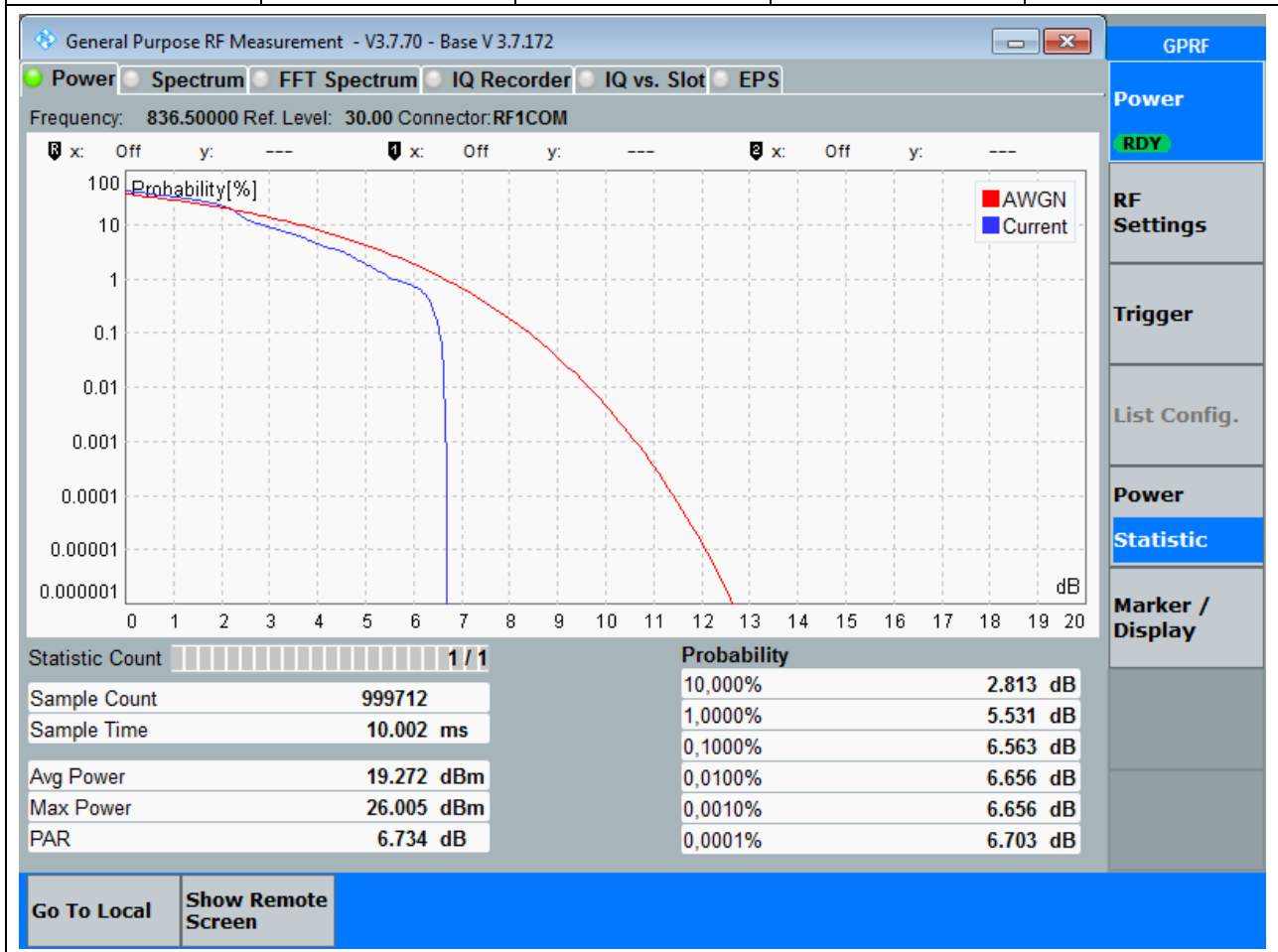
5.18. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	6.28	13	Pass



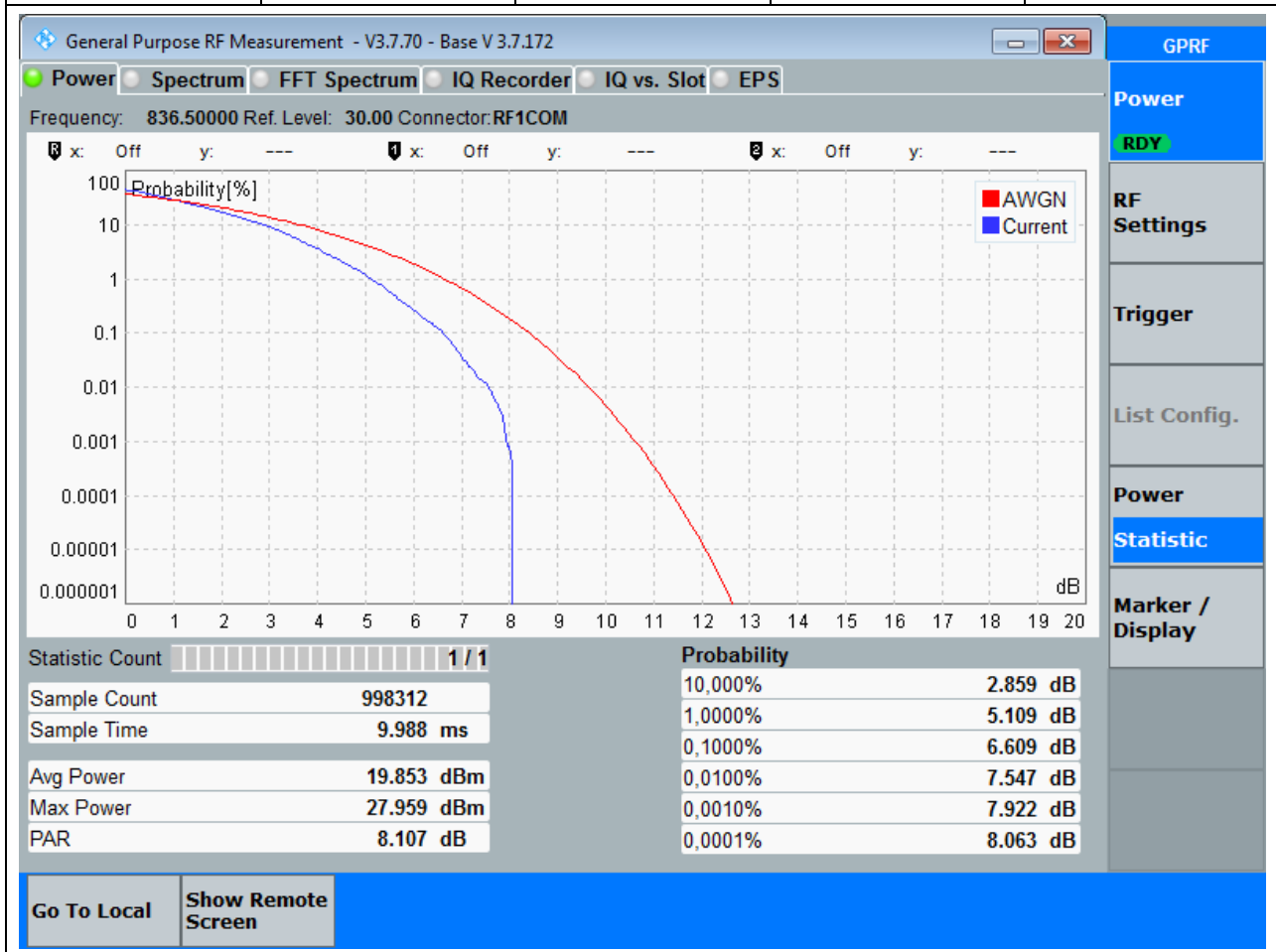
5.19. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	6.56	13	Pass



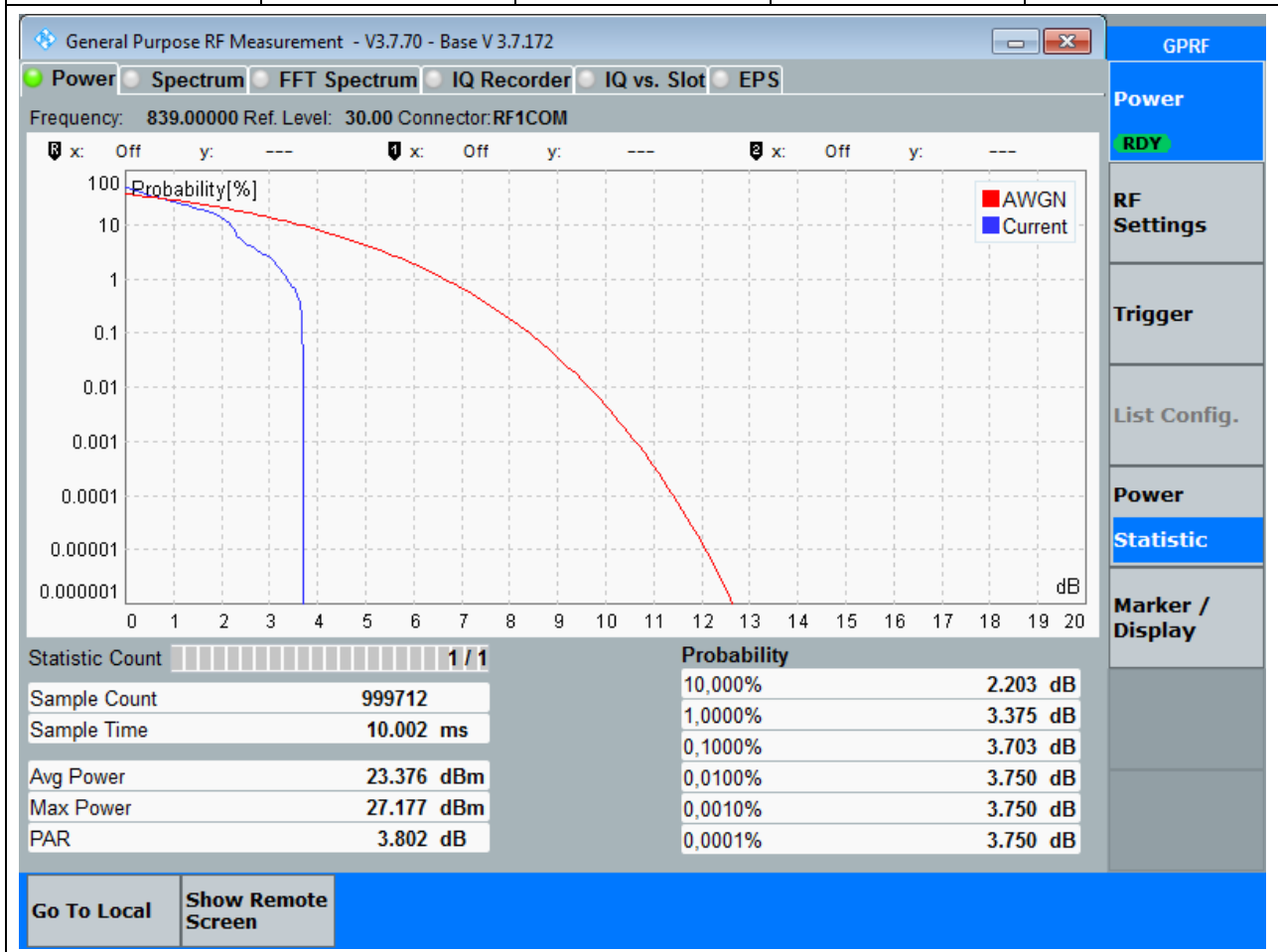
5.20. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	6.61	13	Pass



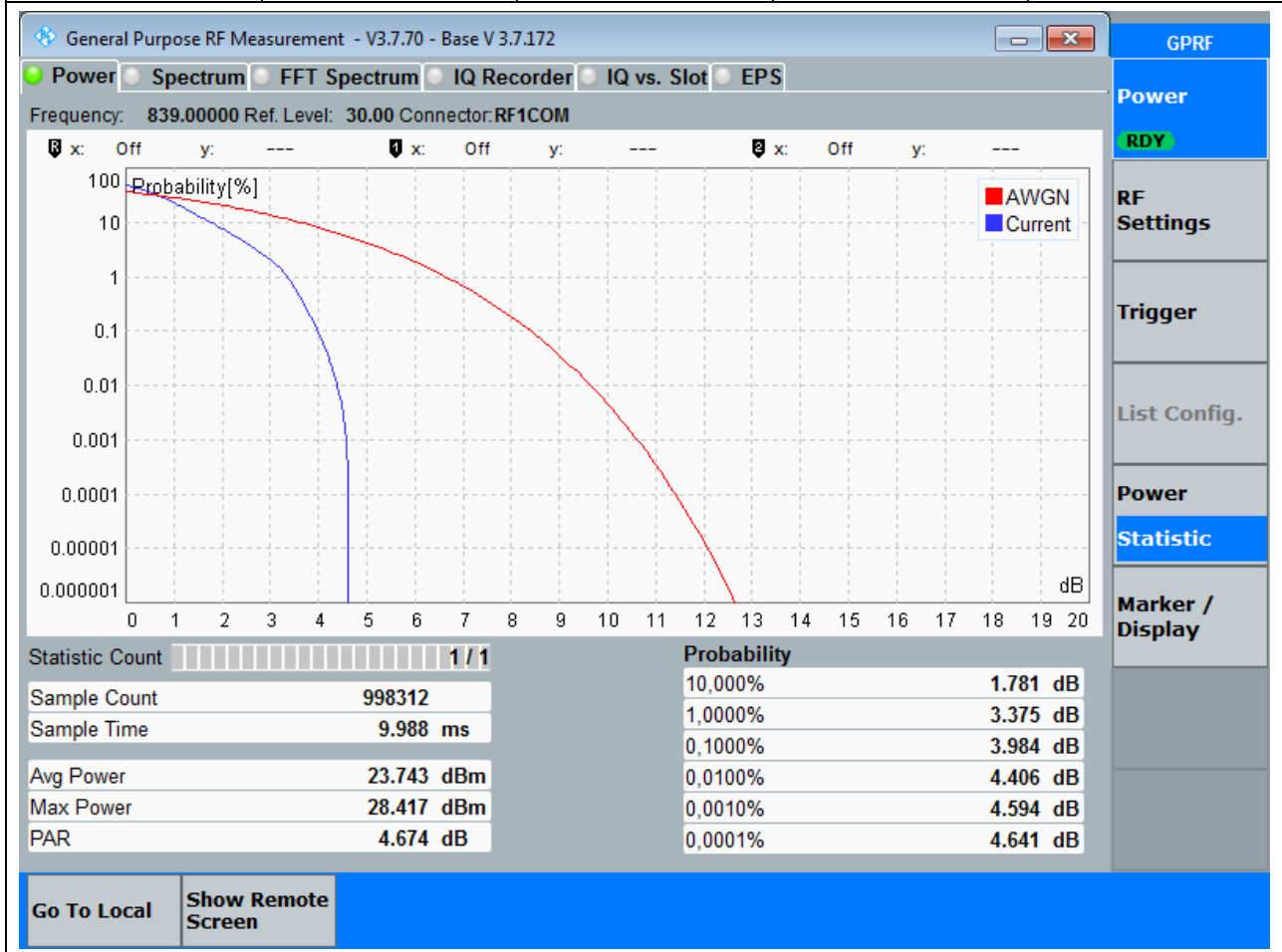
5.21. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	3.7	13	Pass



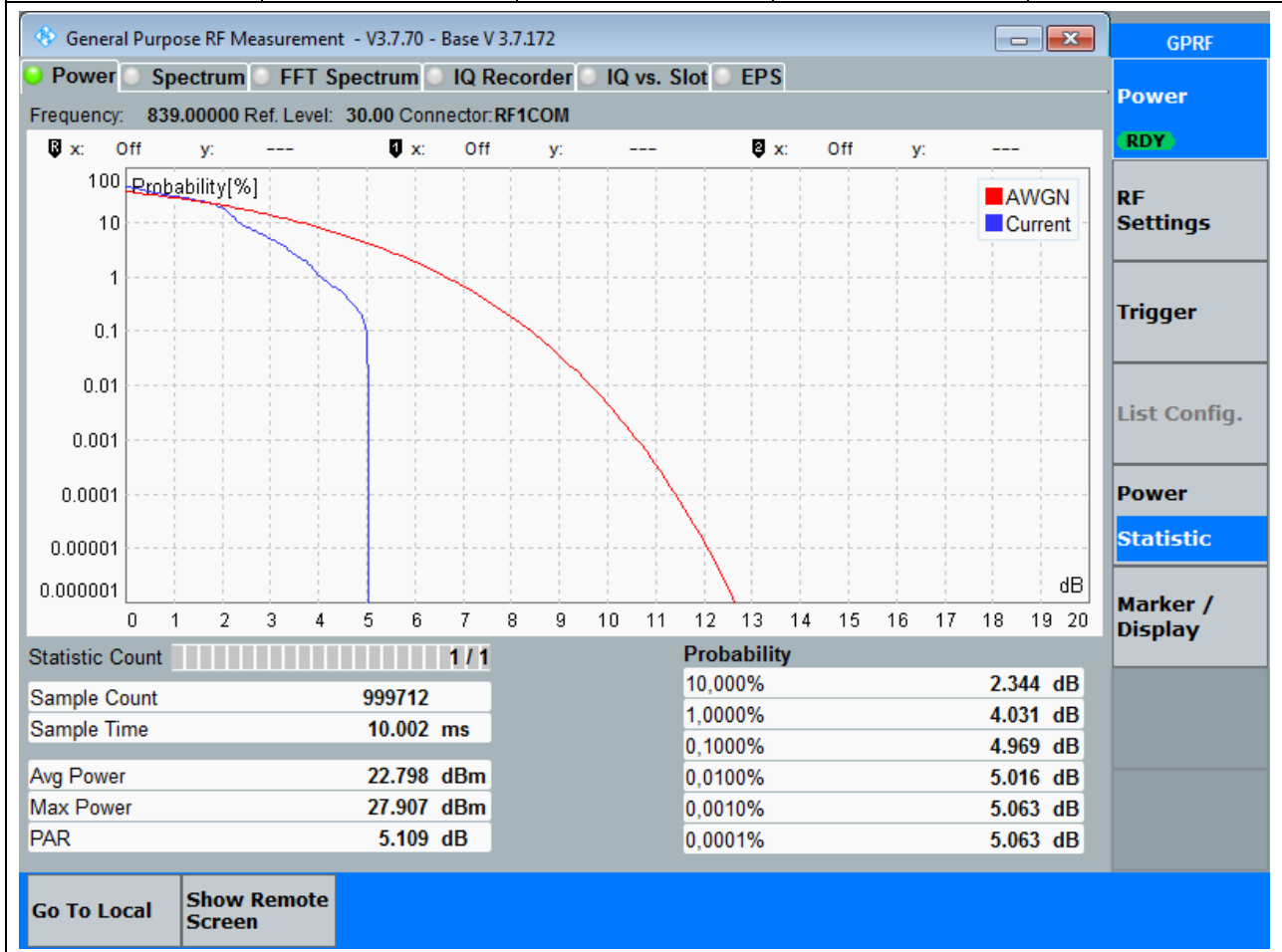
5.22. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	3.98	13	Pass



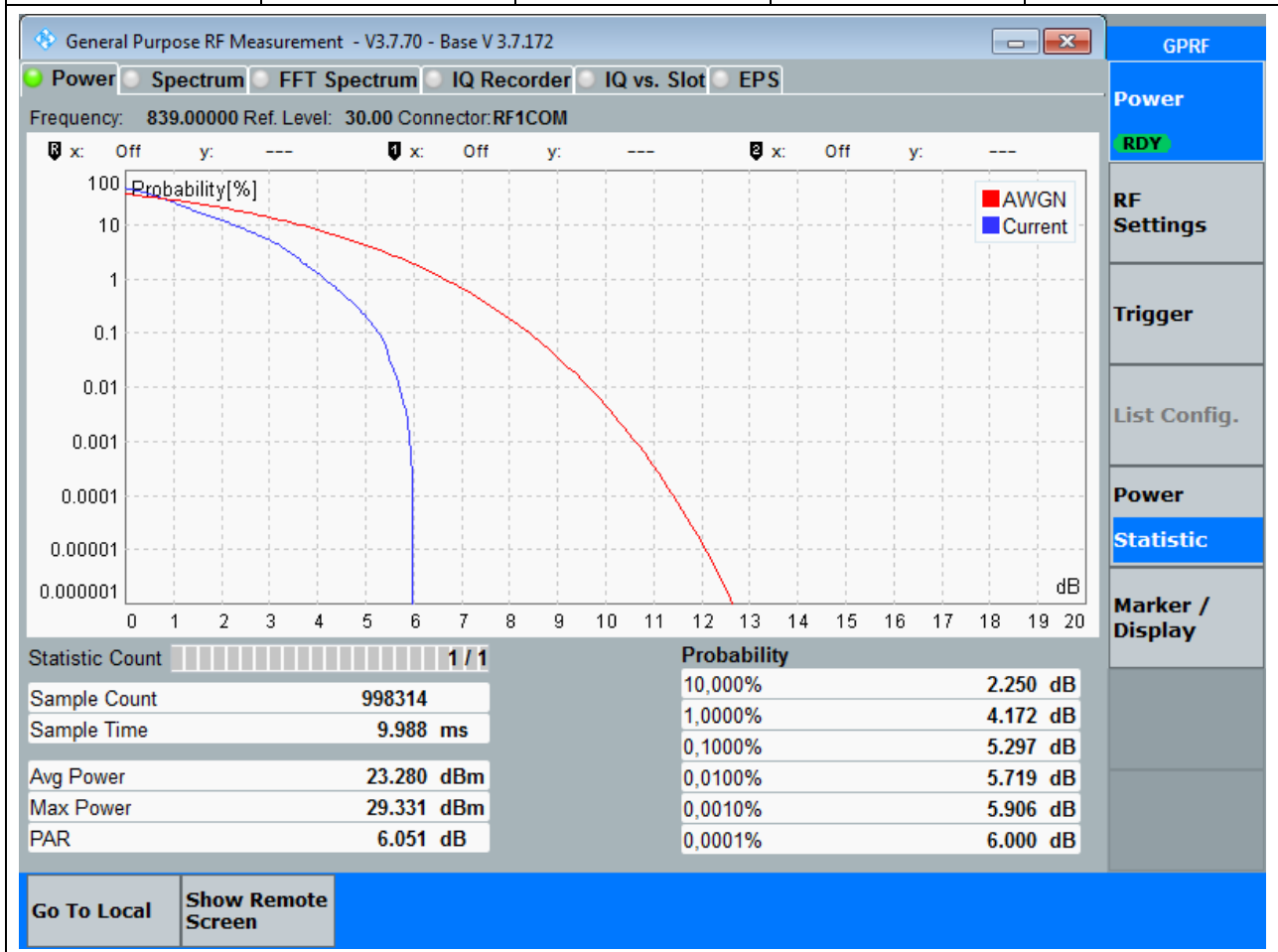
5.23. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	4.97	13	Pass



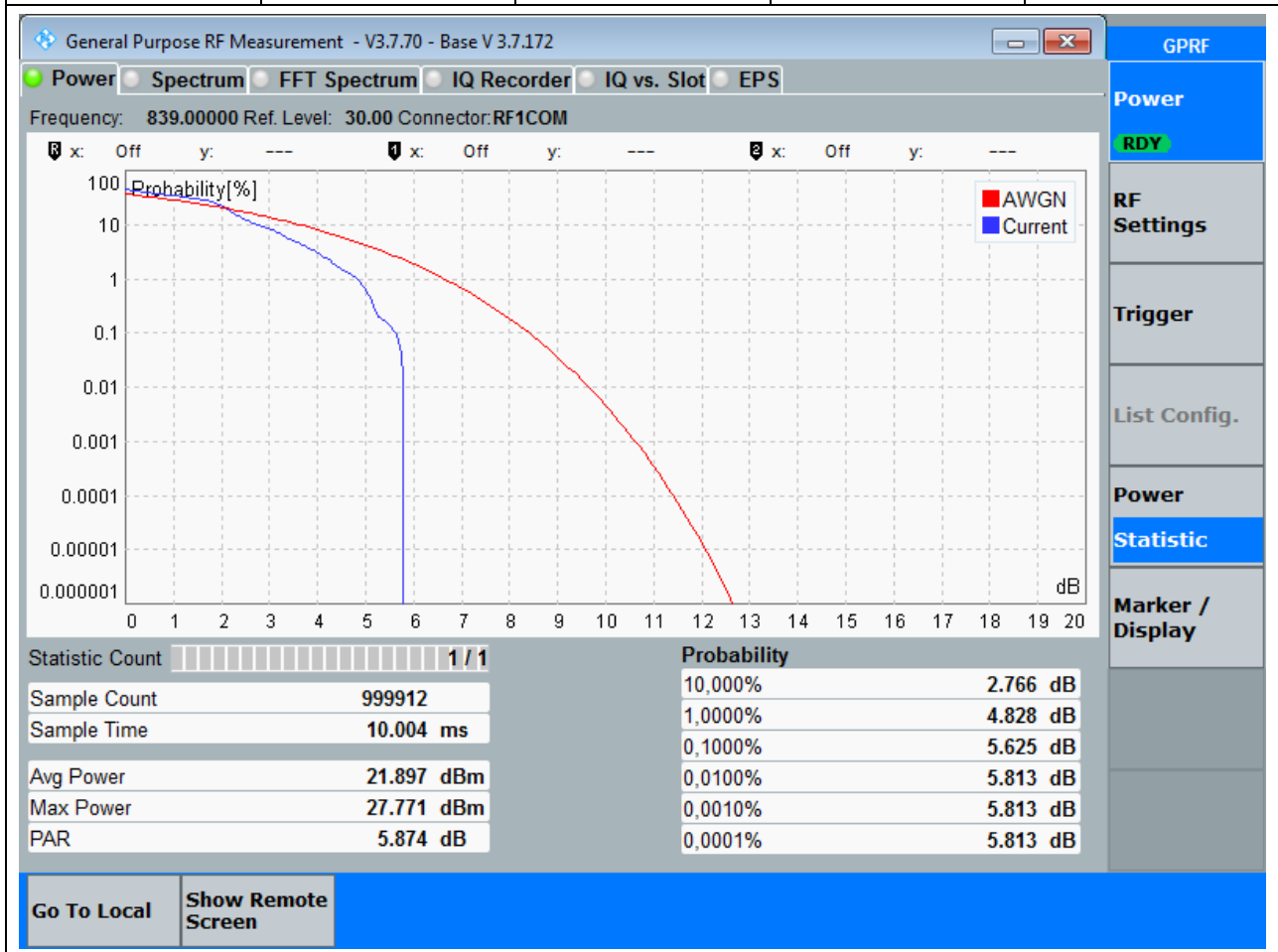
5.24. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	5.3	13	Pass



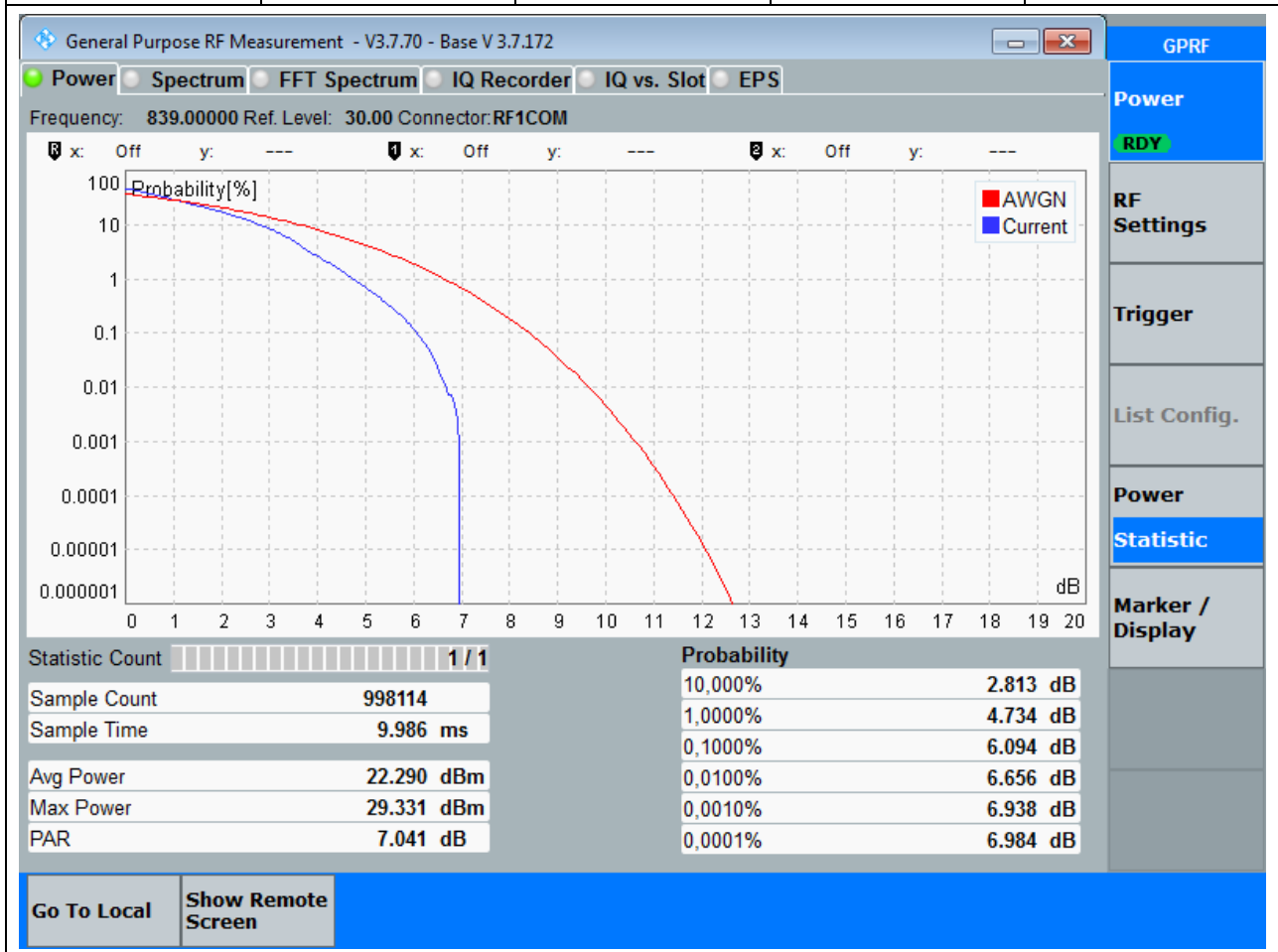
5.25. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	5.62	13	Pass



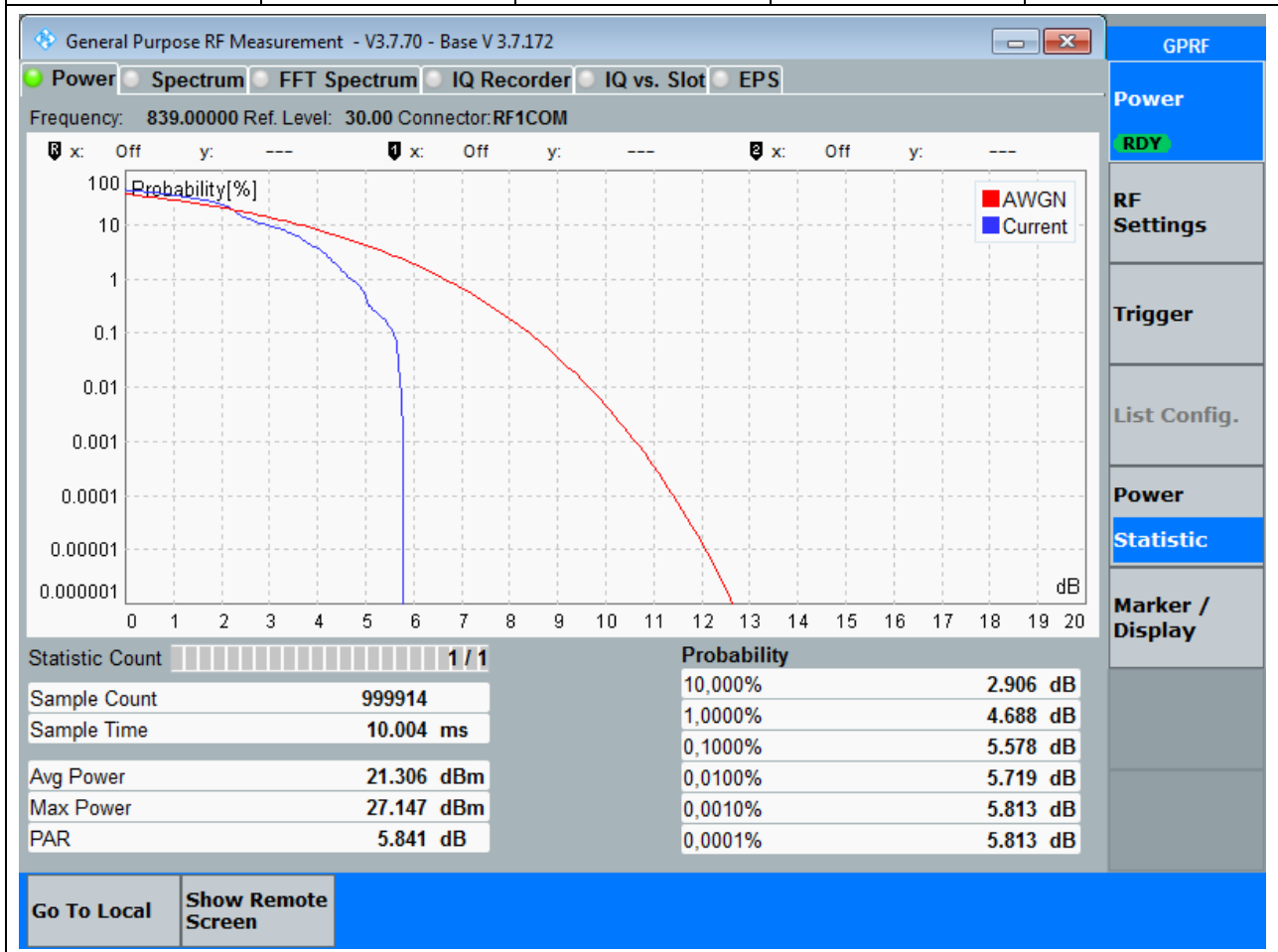
5.26. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	6.09	13	Pass



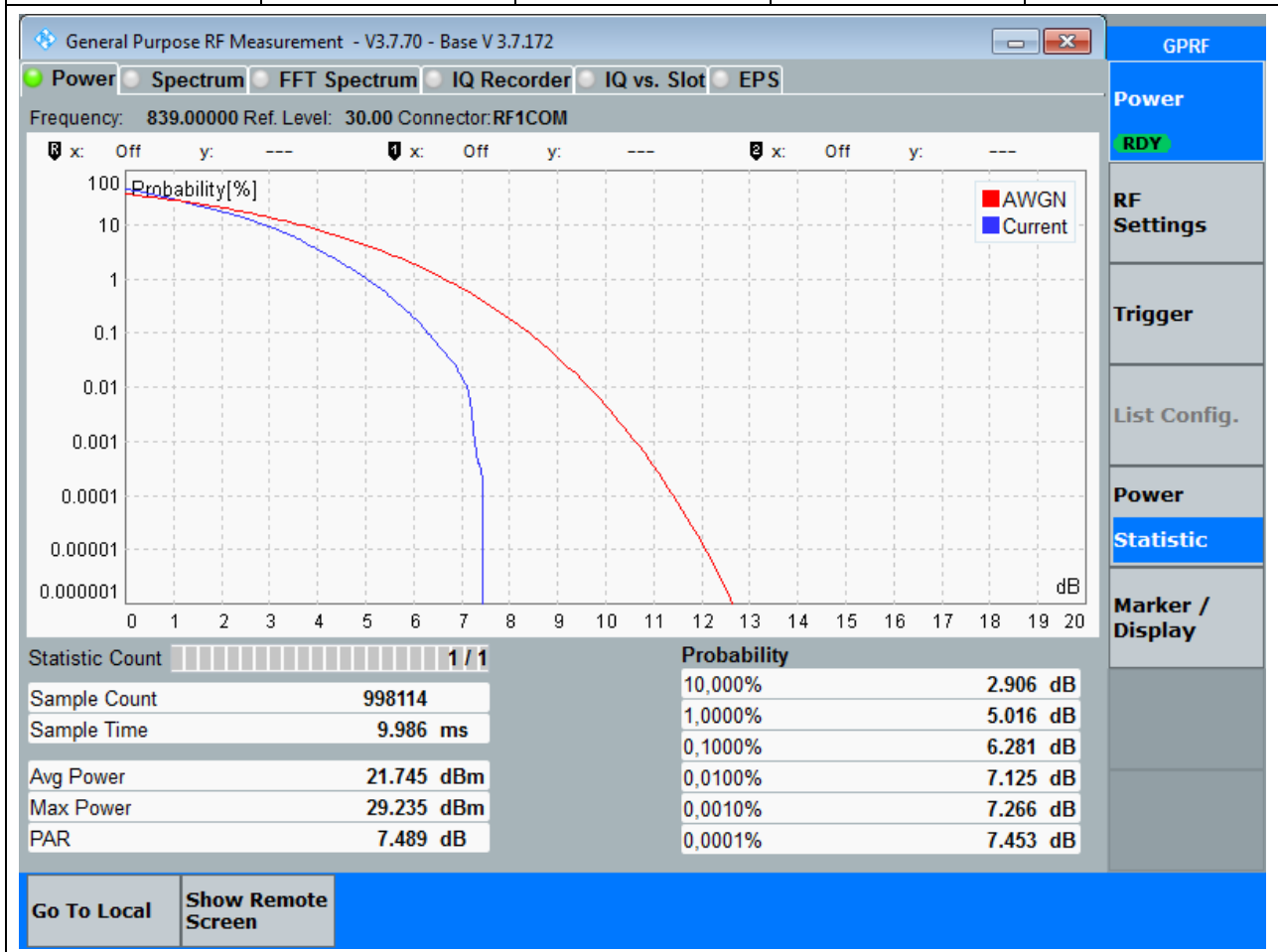
5.27. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	5.58	13	Pass



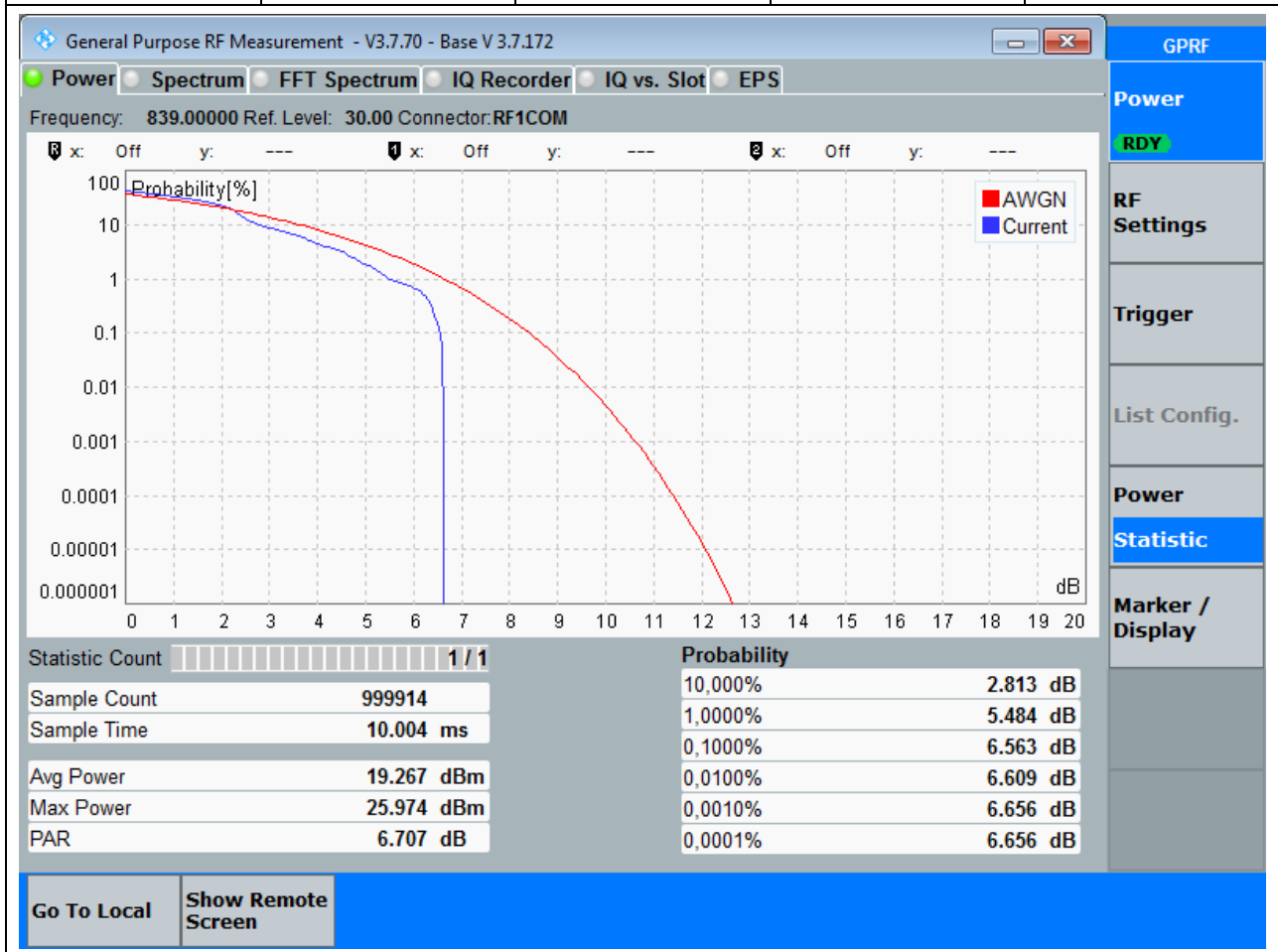
5.28. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	6.28	13	Pass



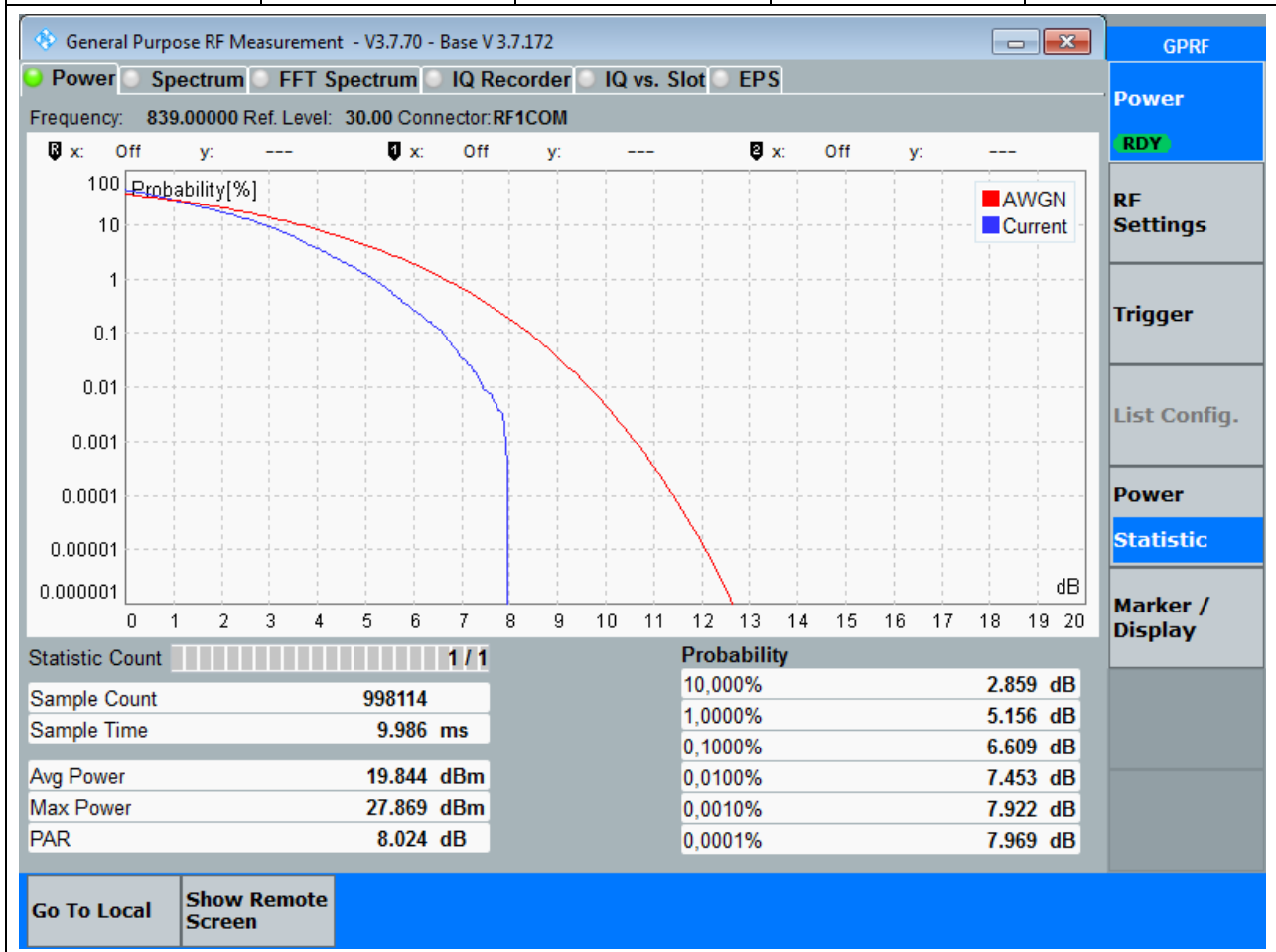
5.29. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	6.56	13	Pass



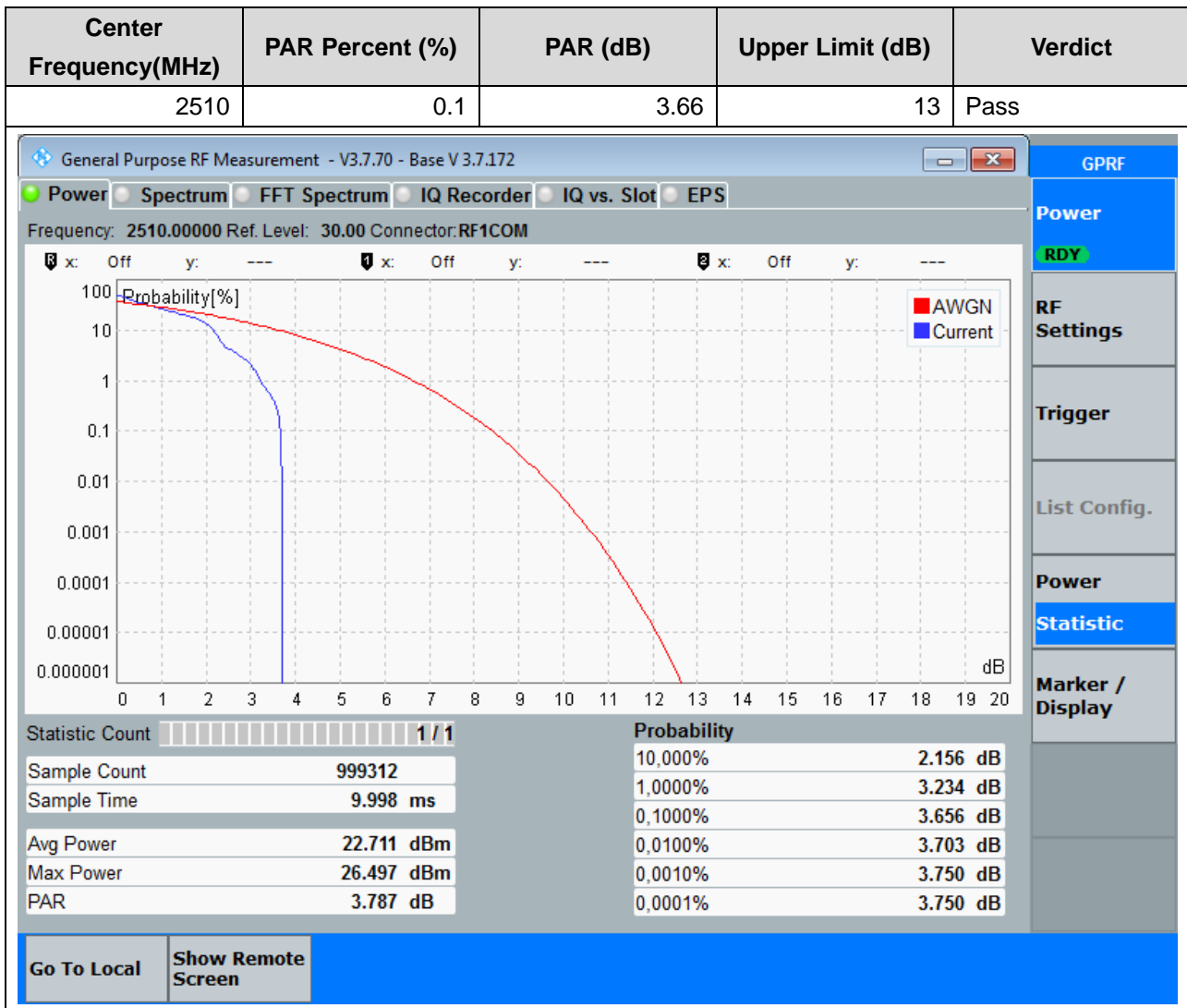
5.30. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
839	0.1	6.61	13	Pass



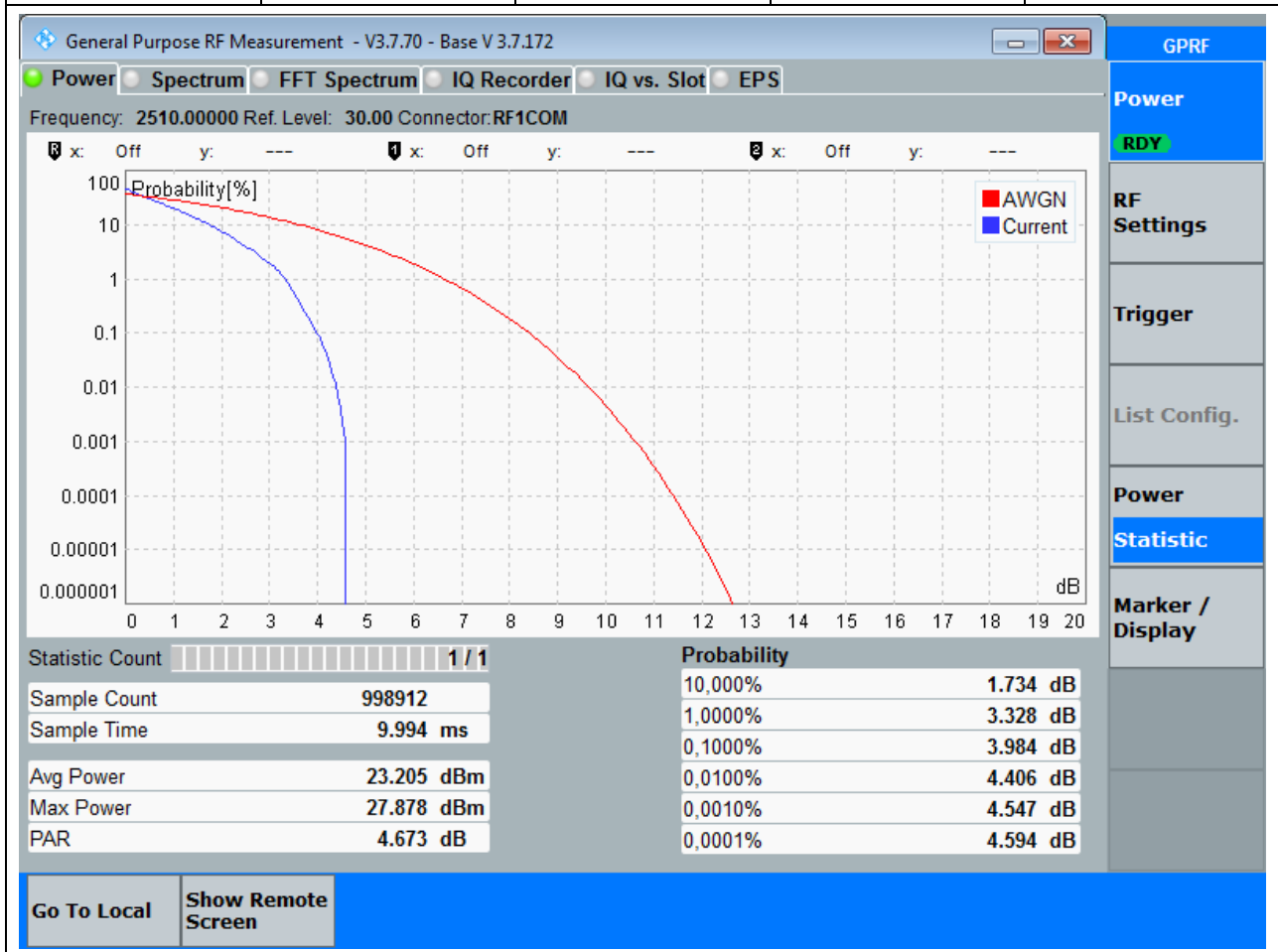
2. n7

2.1. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



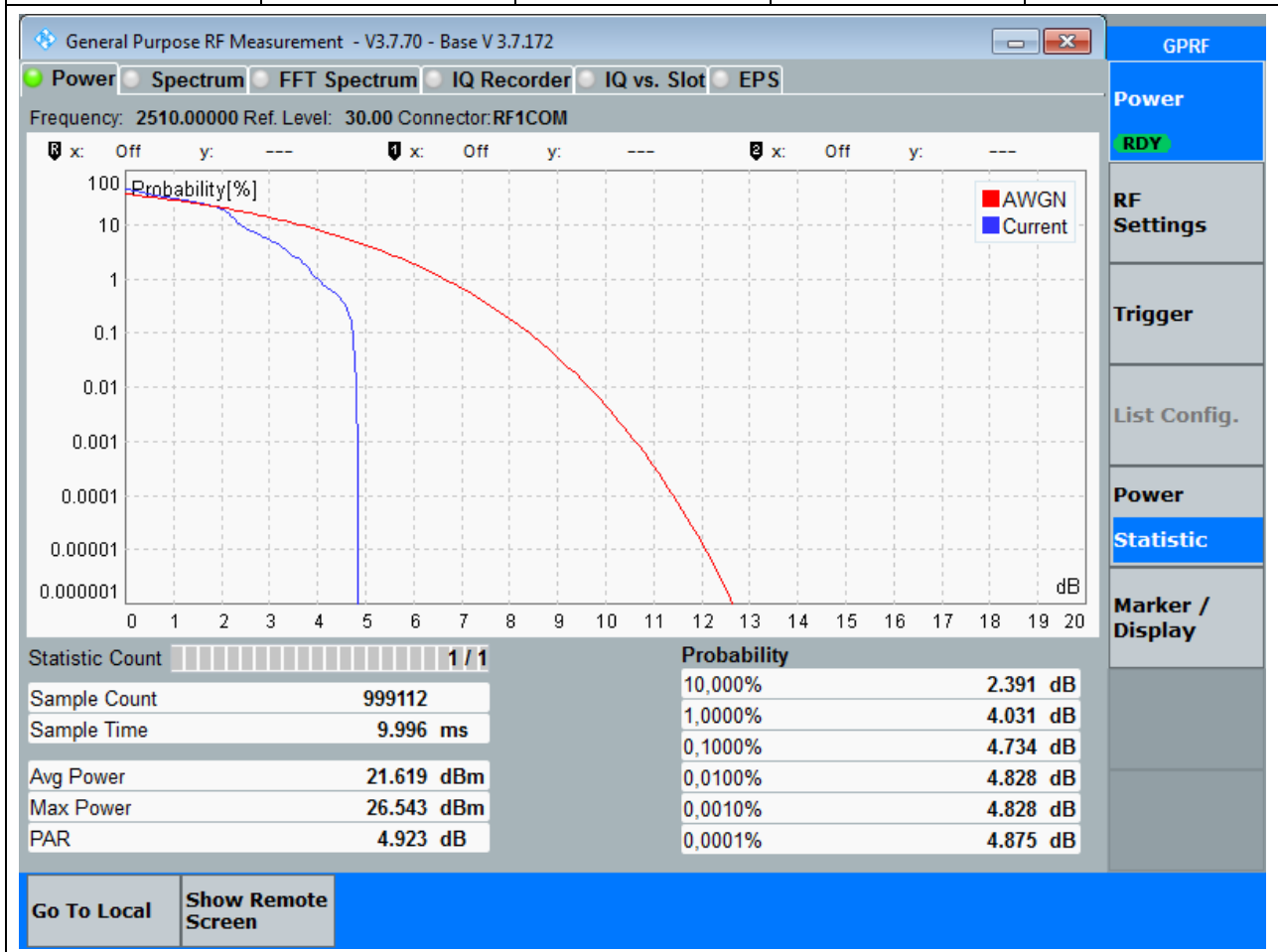
2.2. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	3.98	13	Pass



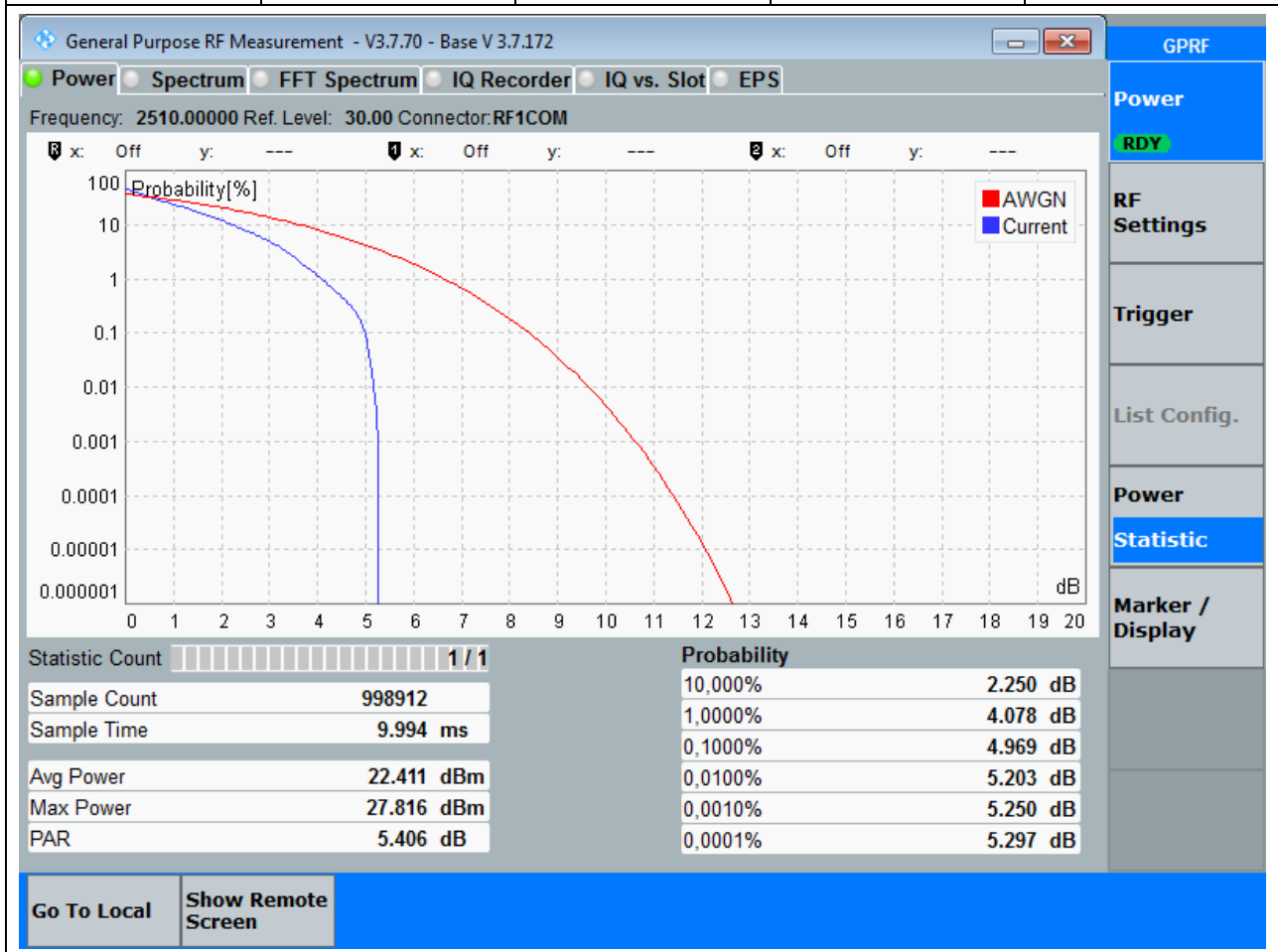
2.3. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	4.73	13	Pass



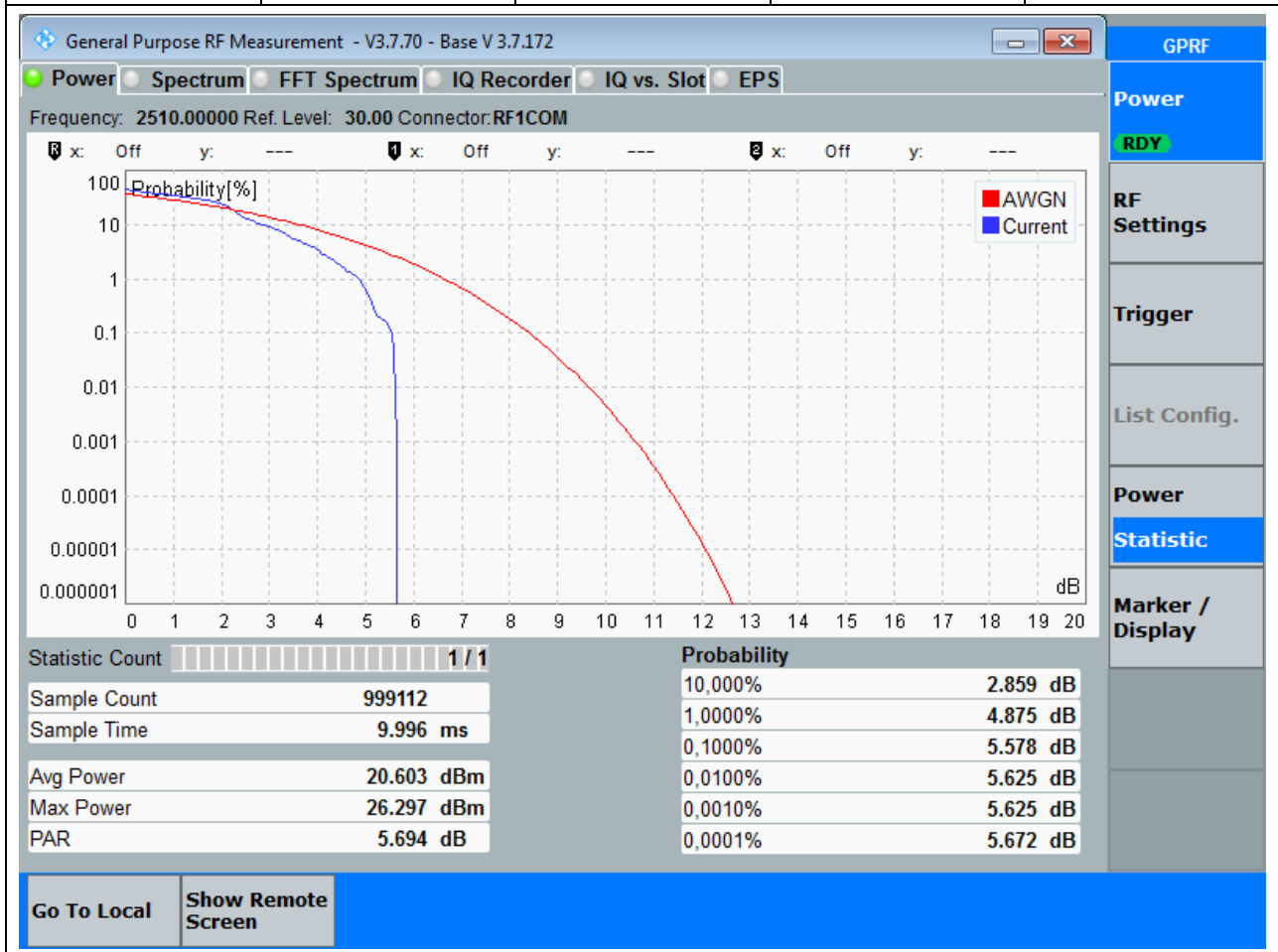
2.4. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	4.97	13	Pass



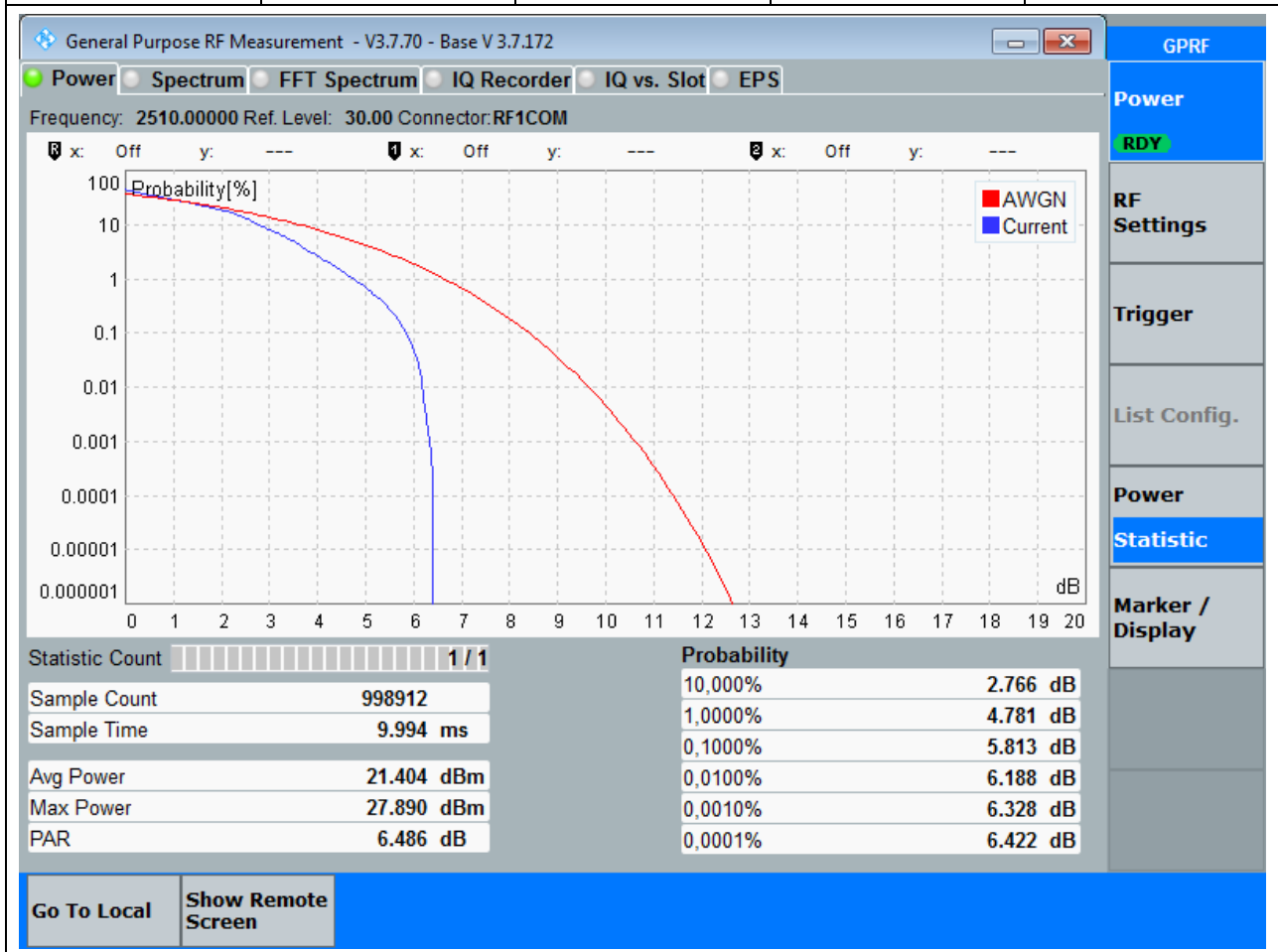
2.5. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	5.58	13	Pass



2.6. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	5.81	13	Pass



2.7. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	5.58	13	Pass

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

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

Frequency: 2510.00000 Ref. Level: 30.00 Connector:RF1COM
RDY

RF Settings
Trigger
List Config.
Power
Statistic
Marker / Display

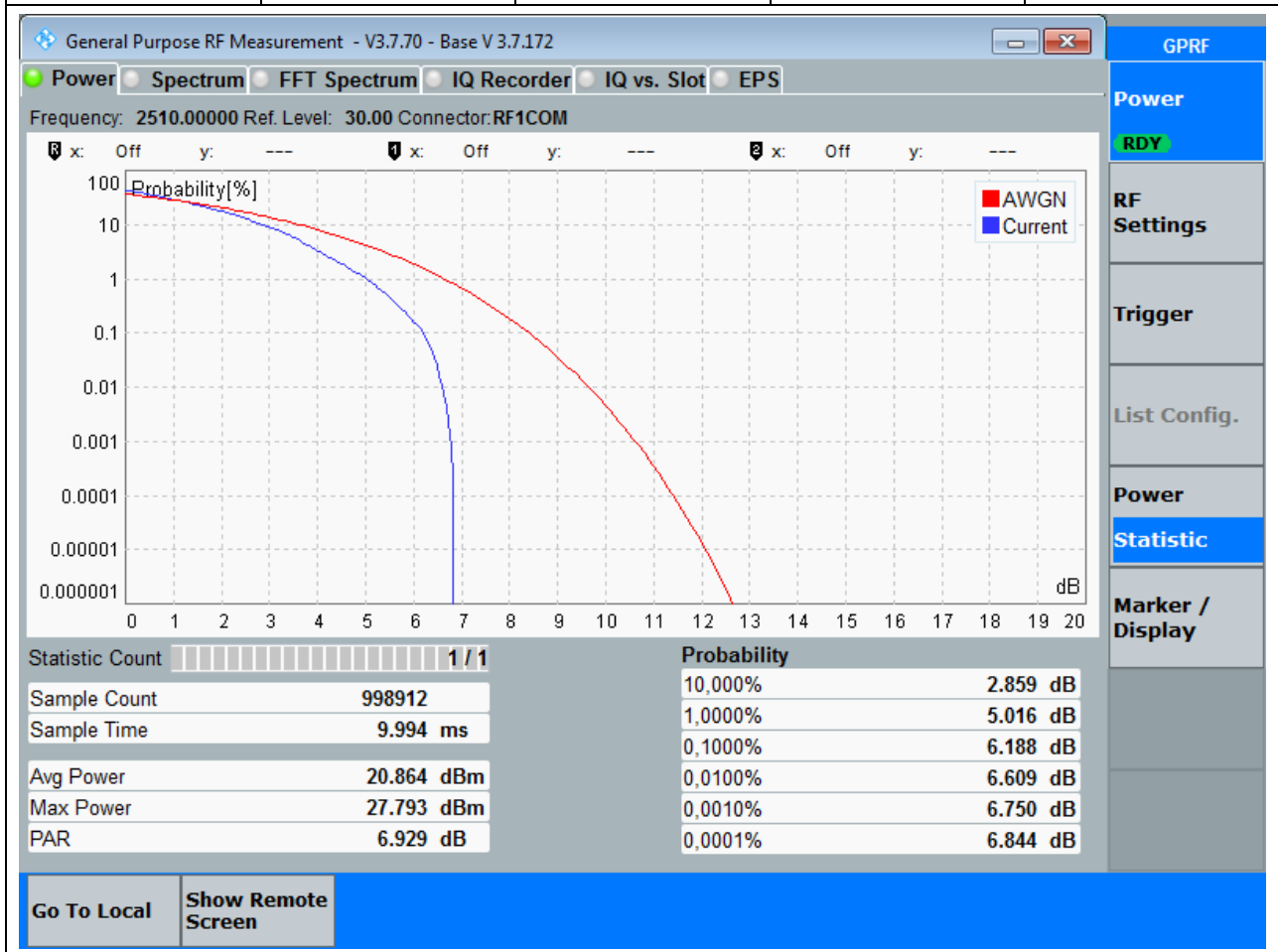
Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	19.987 dBm
Max Power	26.319 dBm
PAR	6.332 dB

Probability	
10,000%	2.953 dB
1,0000%	4.734 dB
0,1000%	5.578 dB
0,0100%	6.188 dB
0,0010%	6.281 dB
0,0001%	6.281 dB

Go To Local
Show Remote Screen

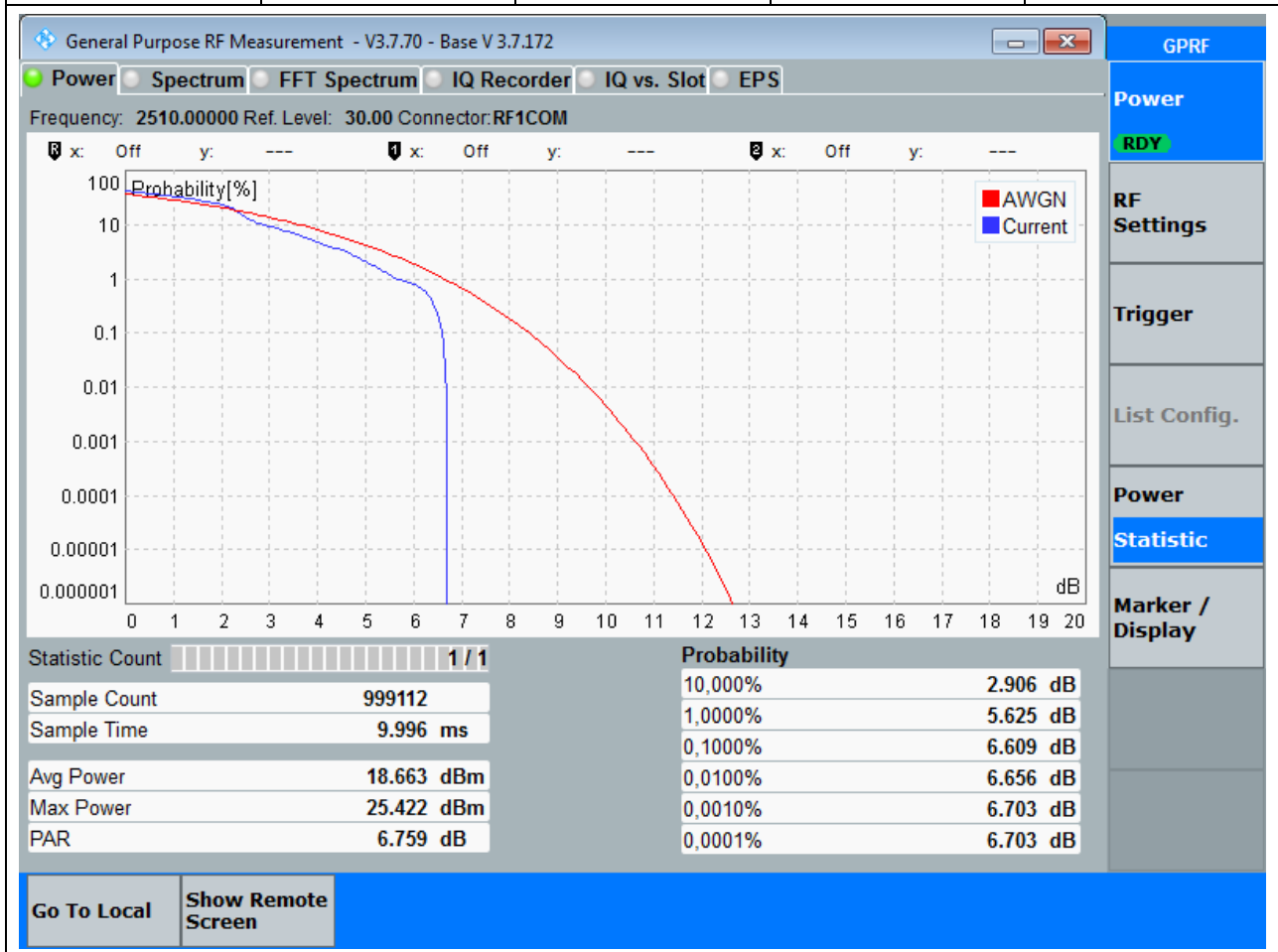
2.8. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	6.19	13	Pass



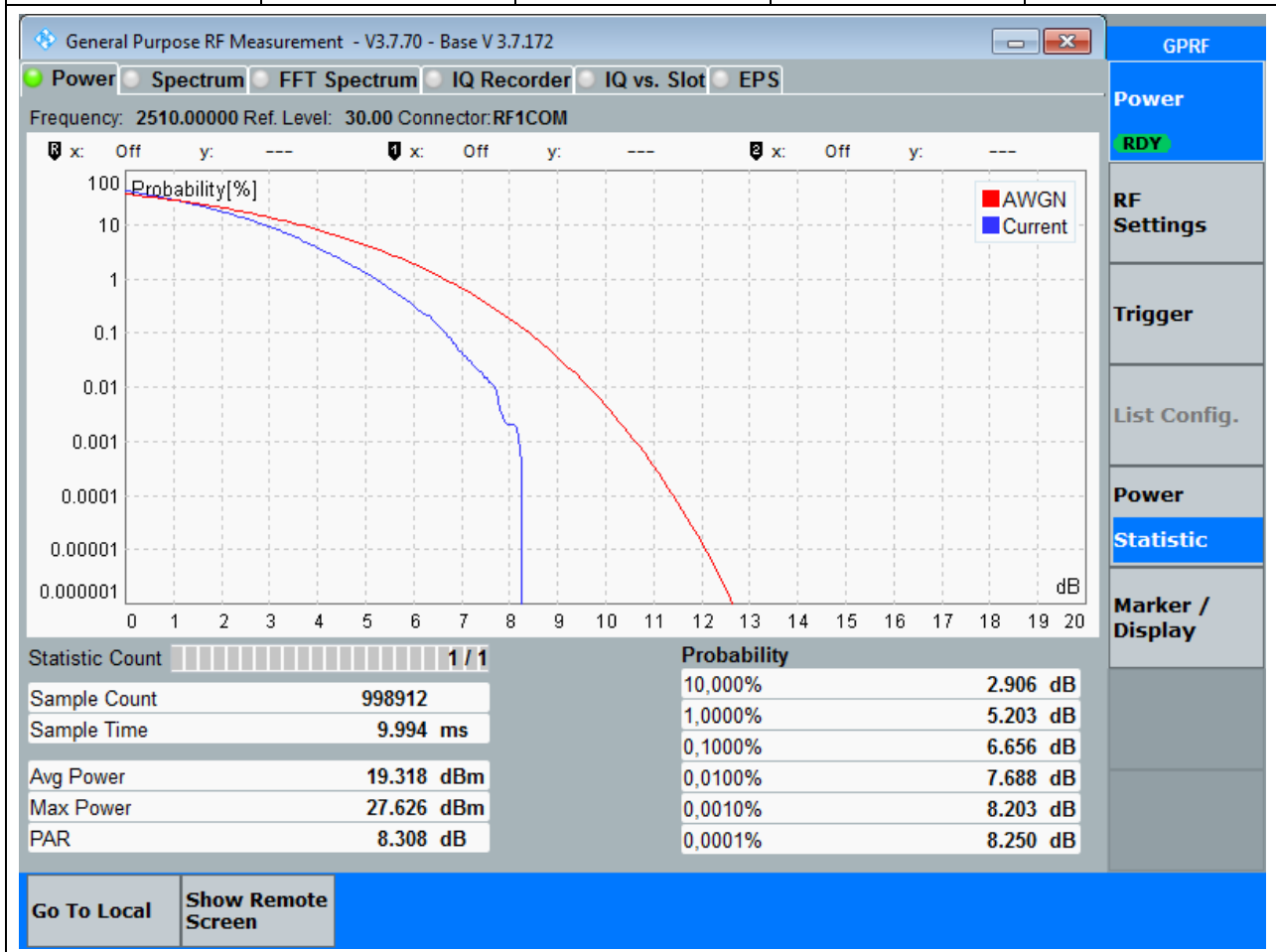
2.9. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	6.61	13	Pass



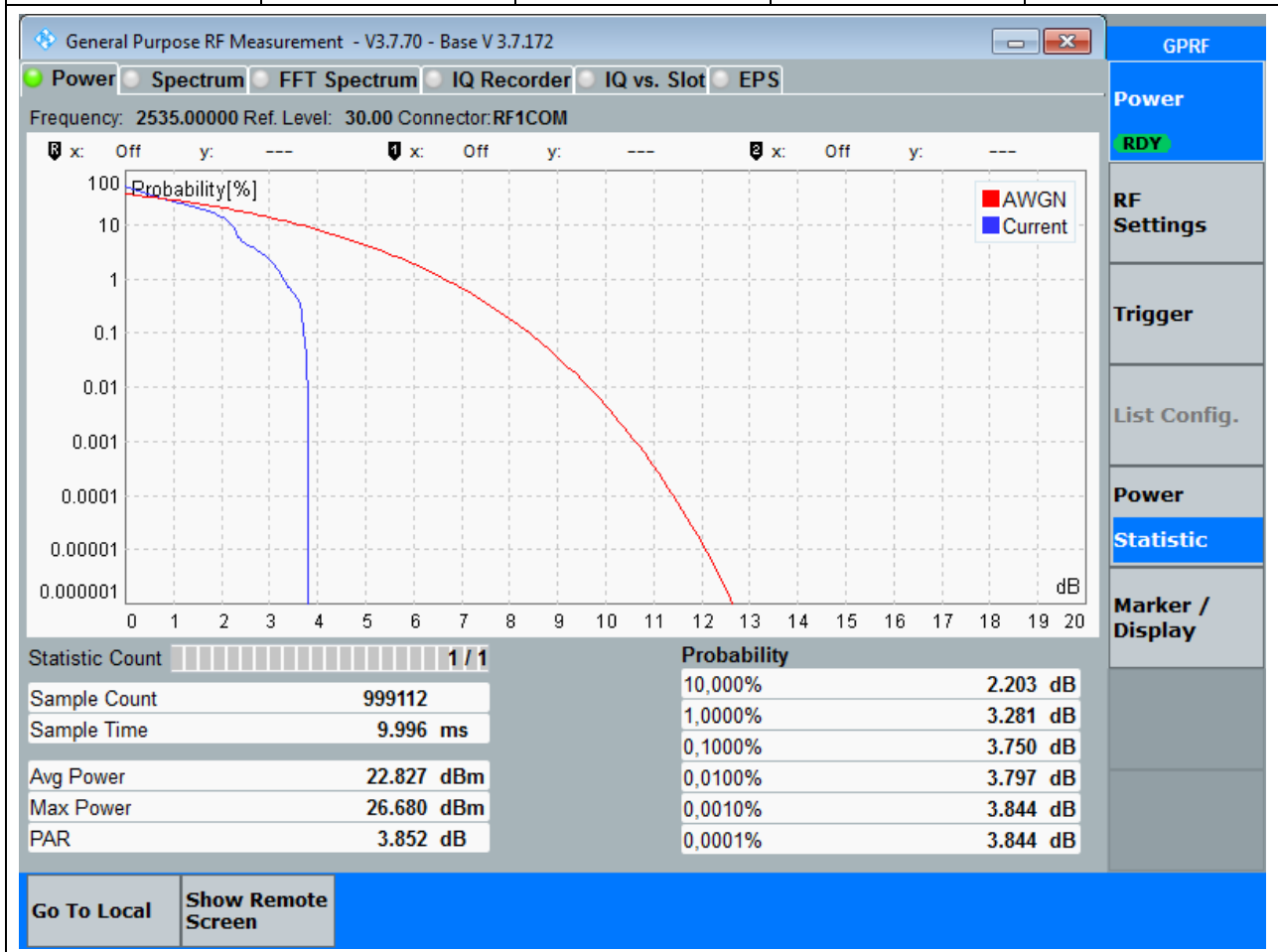
2.10. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	6.66	13	Pass



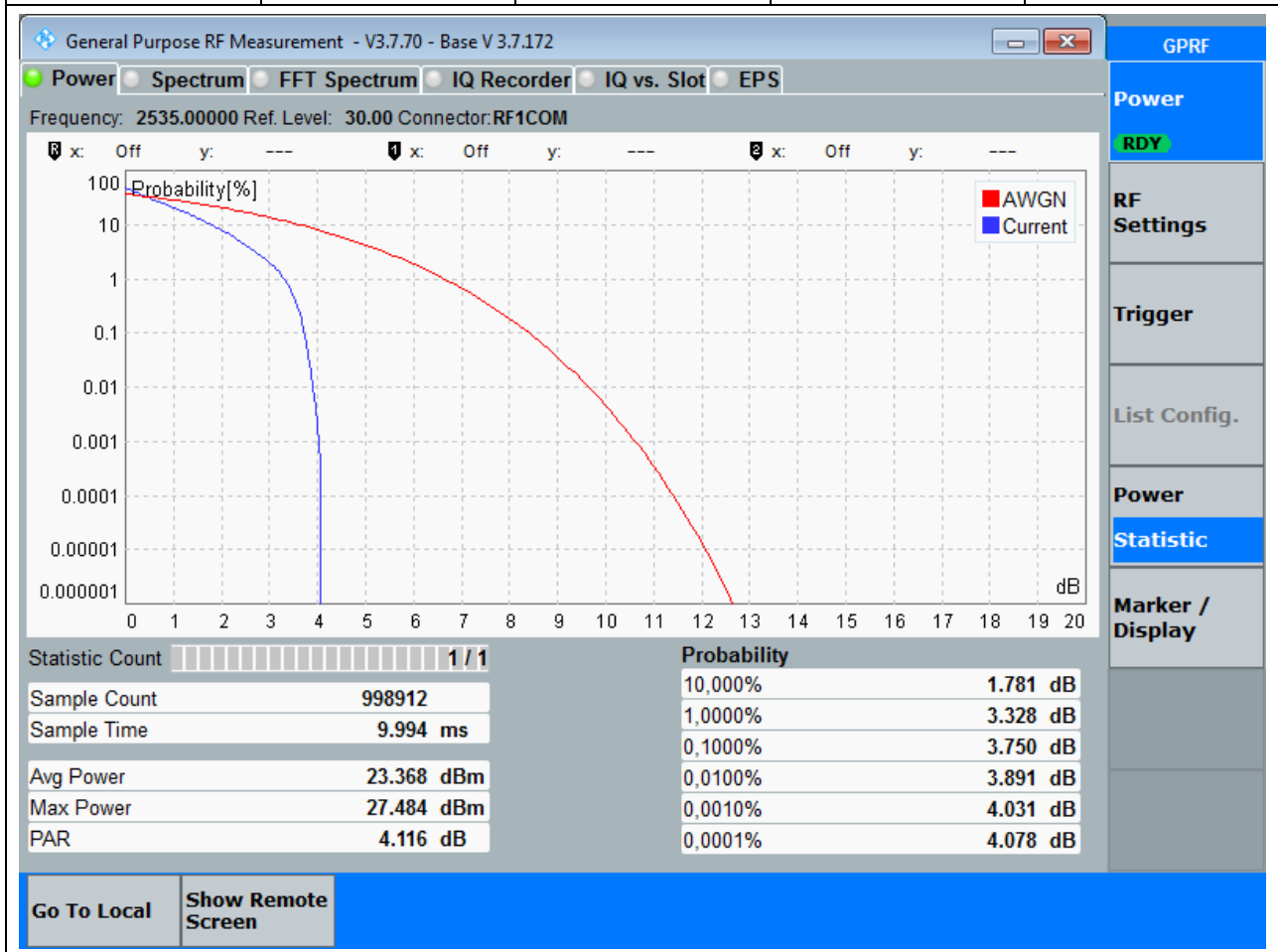
2.11. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	3.75	13	Pass



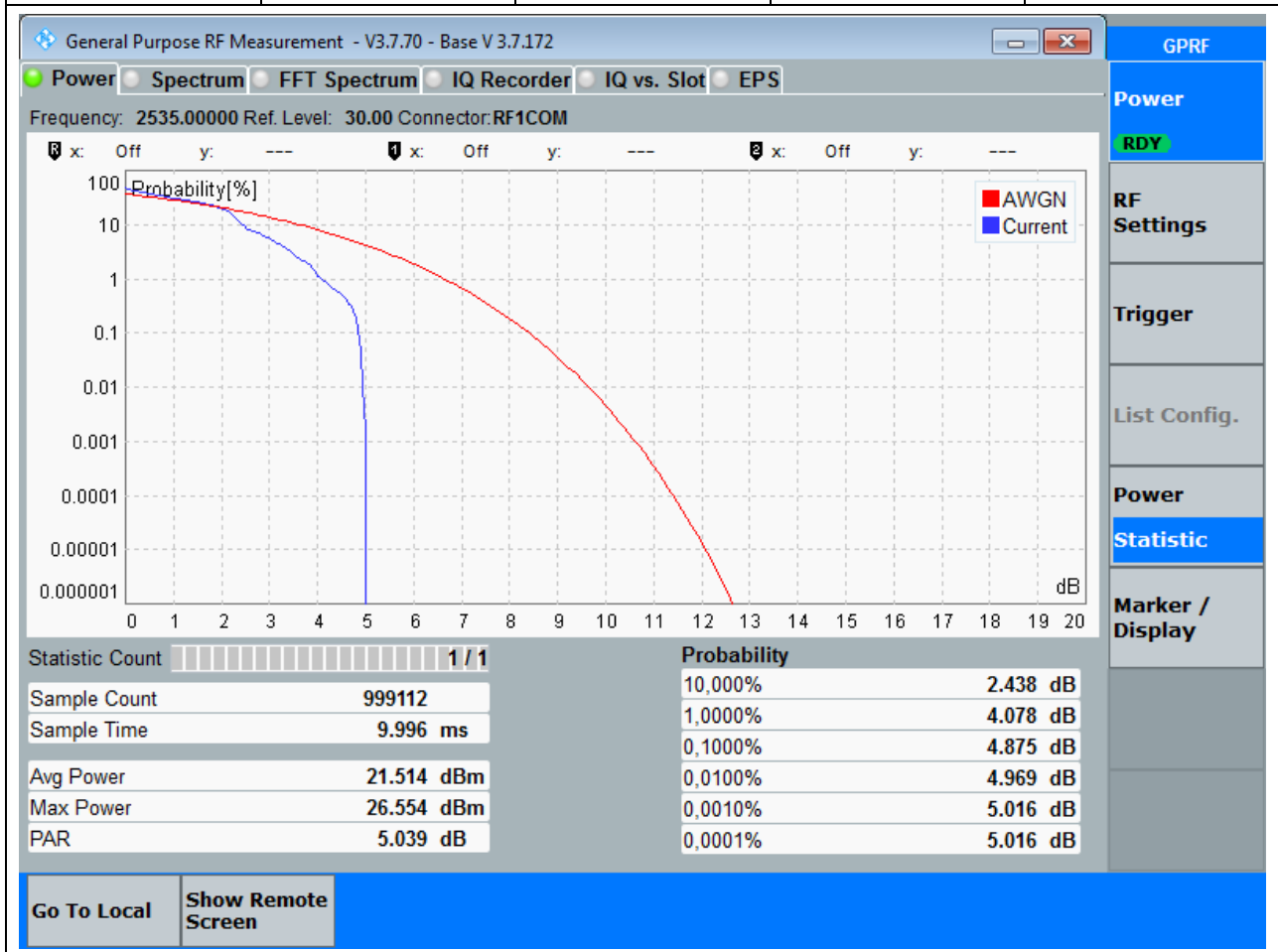
2.12. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	3.75	13	Pass



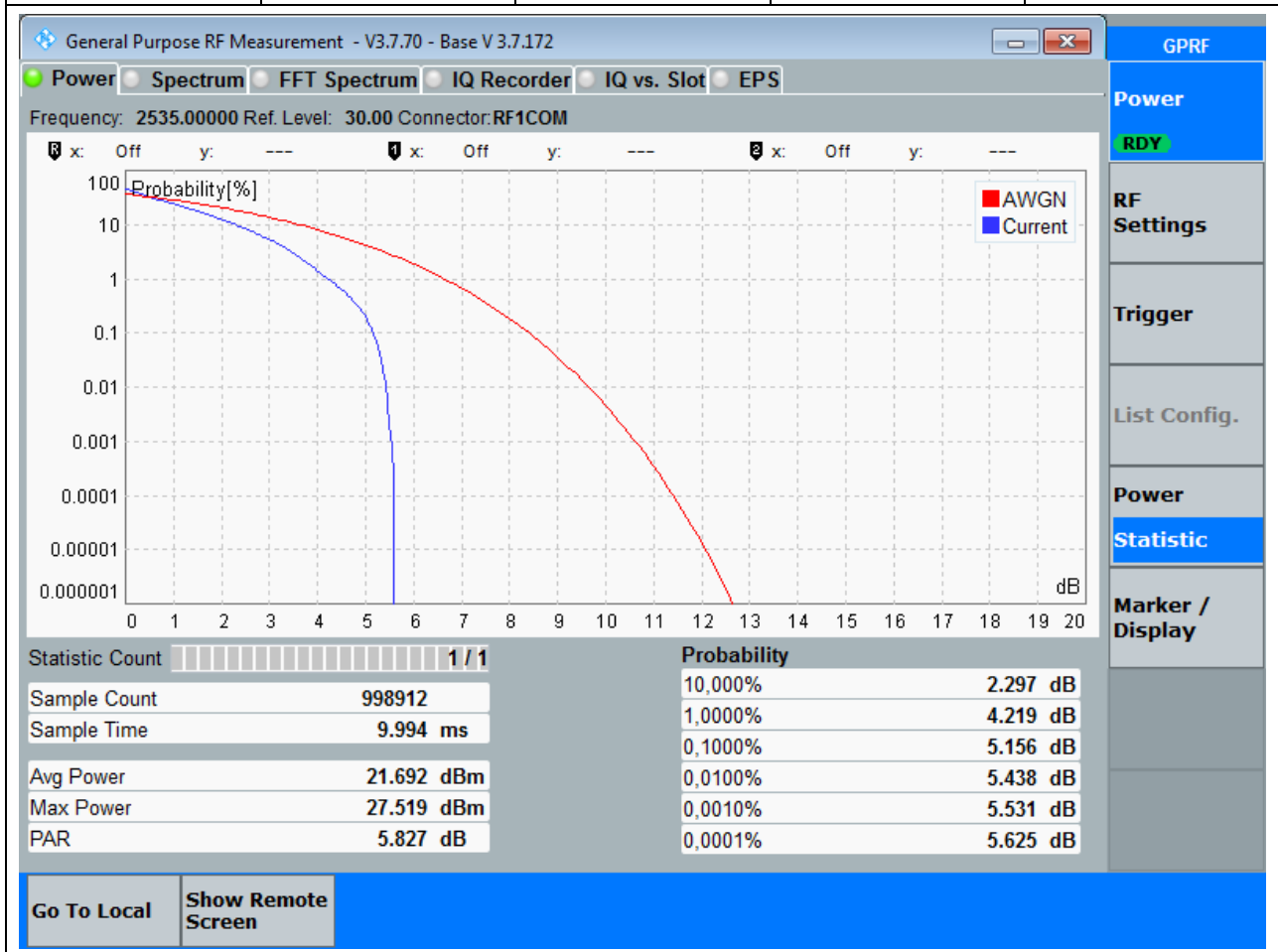
2.13. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.87	13	Pass



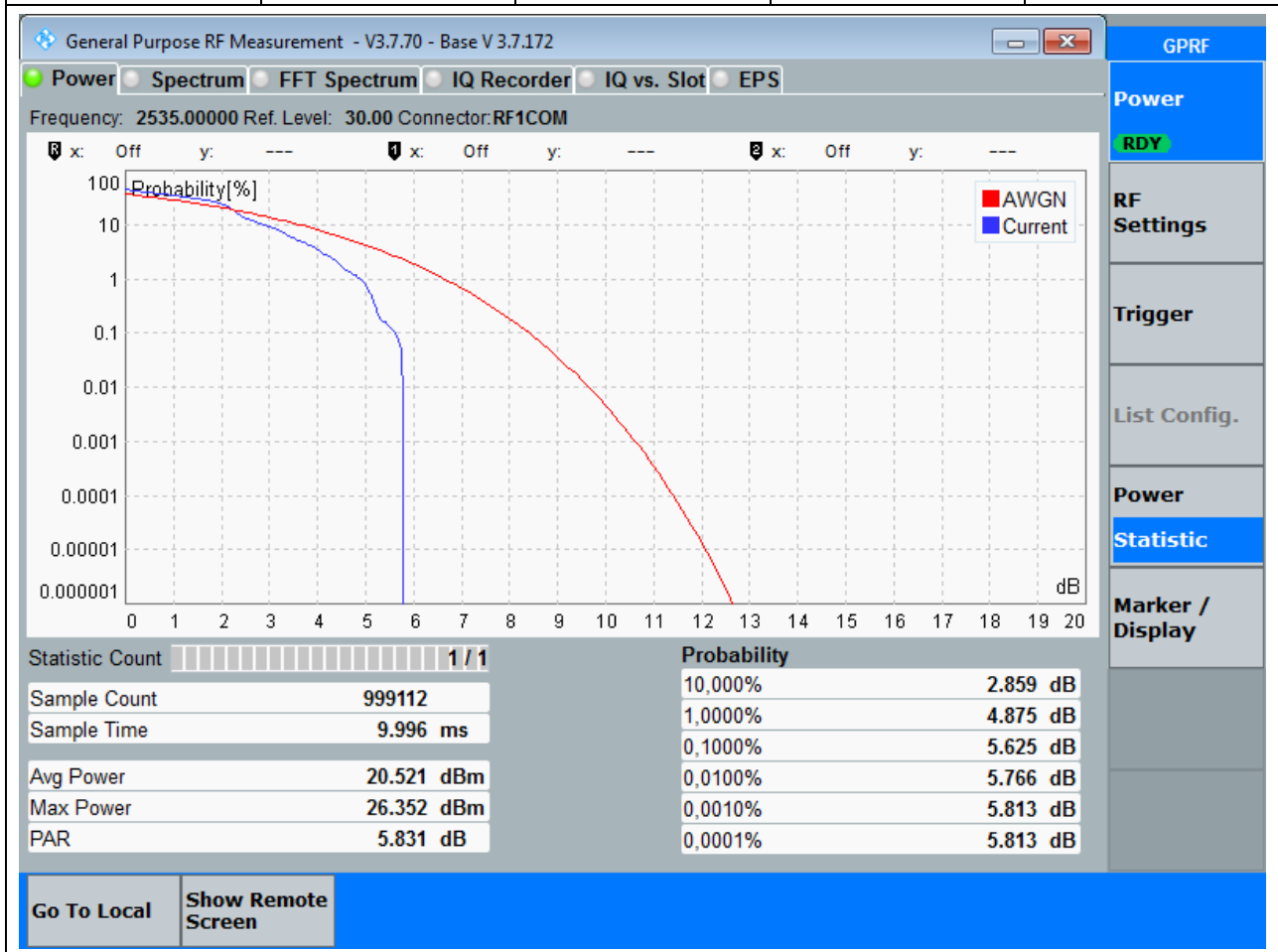
2.14. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.16	13	Pass



2.15. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.62	13	Pass



2.16. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6	13	Pass

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

GPRF

Power
 Spectrum
 FFT Spectrum
 IQ Recorder
 IQ vs. Slot
 EPS

Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count		Probability	
Sample Count	998912	10,000%	2.813 dB
Sample Time	9.994 ms	1,0000%	4.828 dB
Avg Power	20.711 dBm	0,1000%	6.000 dB
Max Power	27.583 dBm	0,0100%	6.375 dB
PAR	6.873 dB	0,0010%	6.563 dB
		0,0001%	6.797 dB

Go To Local

Show Remote Screen

2.17. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.62	13	Pass

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

GPRF

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

Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF1COM

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

Statistic Count 1 / 1	Probability
Sample Count 999112	10,000% 2.953 dB
Sample Time 9.996 ms	1,0000% 4.734 dB
Avg Power 19.924 dBm	0,1000% 5.625 dB
Max Power 26.351 dBm	0,0100% 6.281 dB
PAR 6.427 dB	0,0010% 6.375 dB
	0,0001% 6.375 dB

Go To Local
Show Remote Screen

GPRF

Power

RDY

RF Settings

Trigger

List Config.

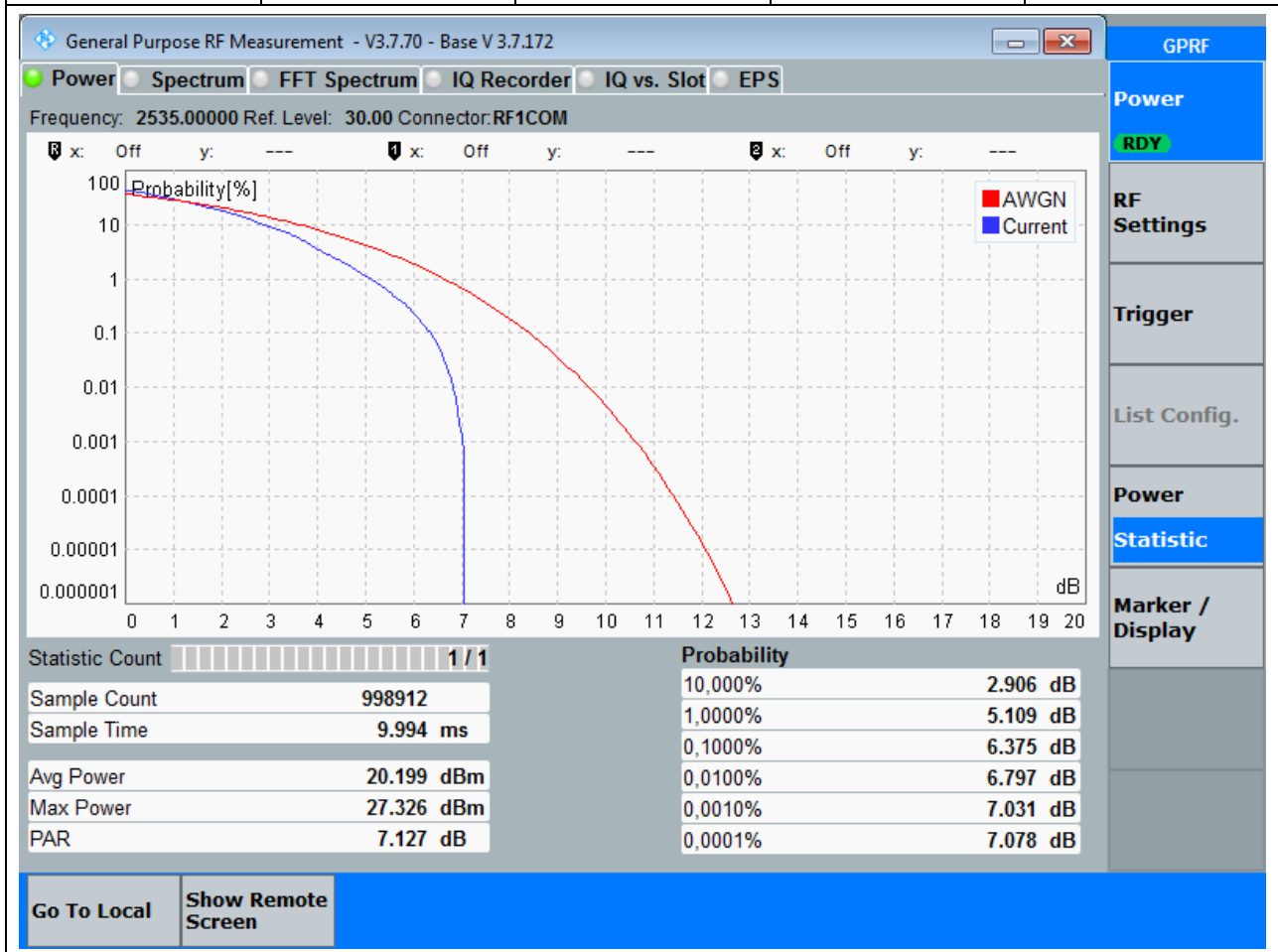
Power

Statistic

Marker / Display

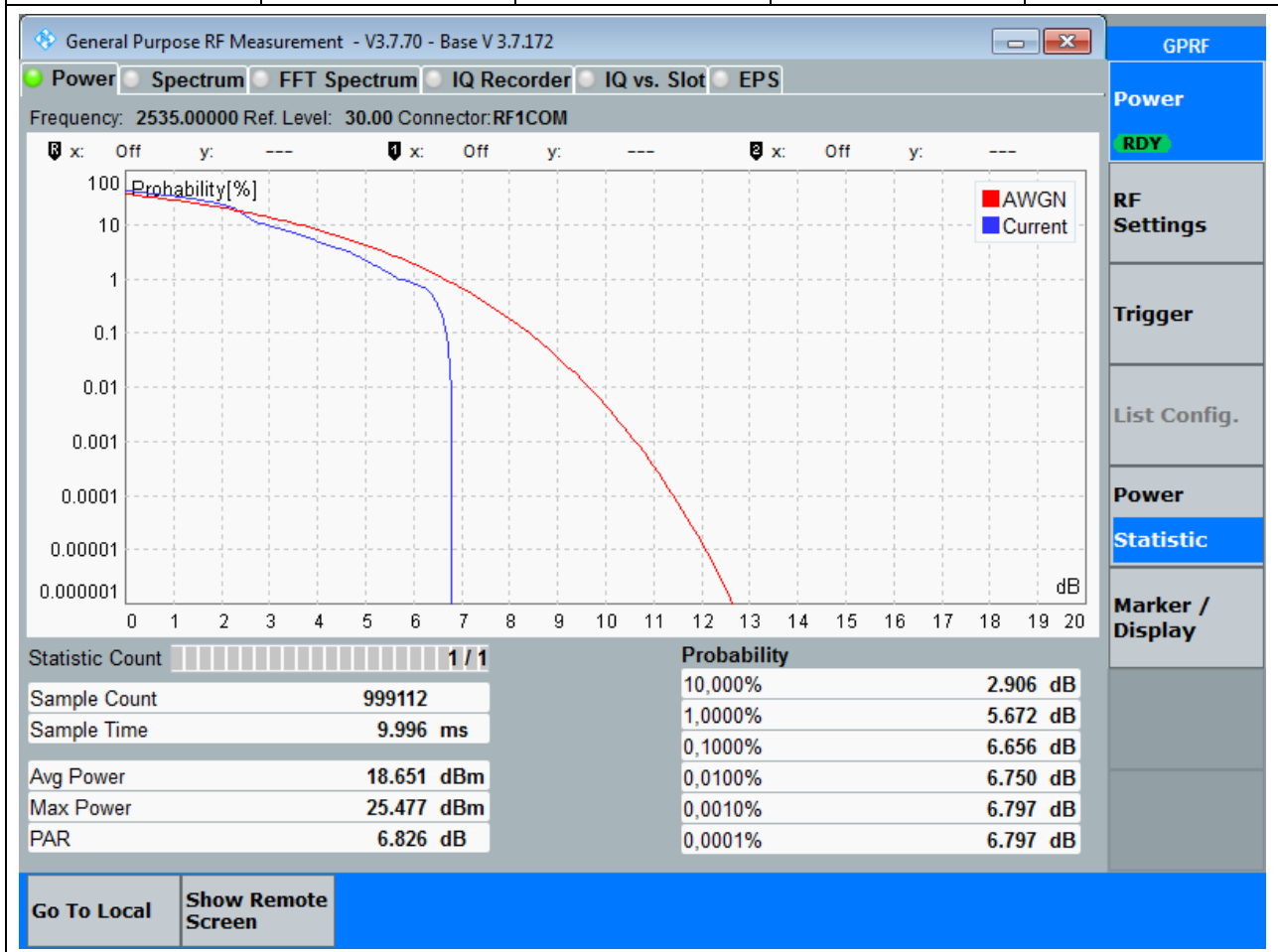
2.18. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.37	13	Pass



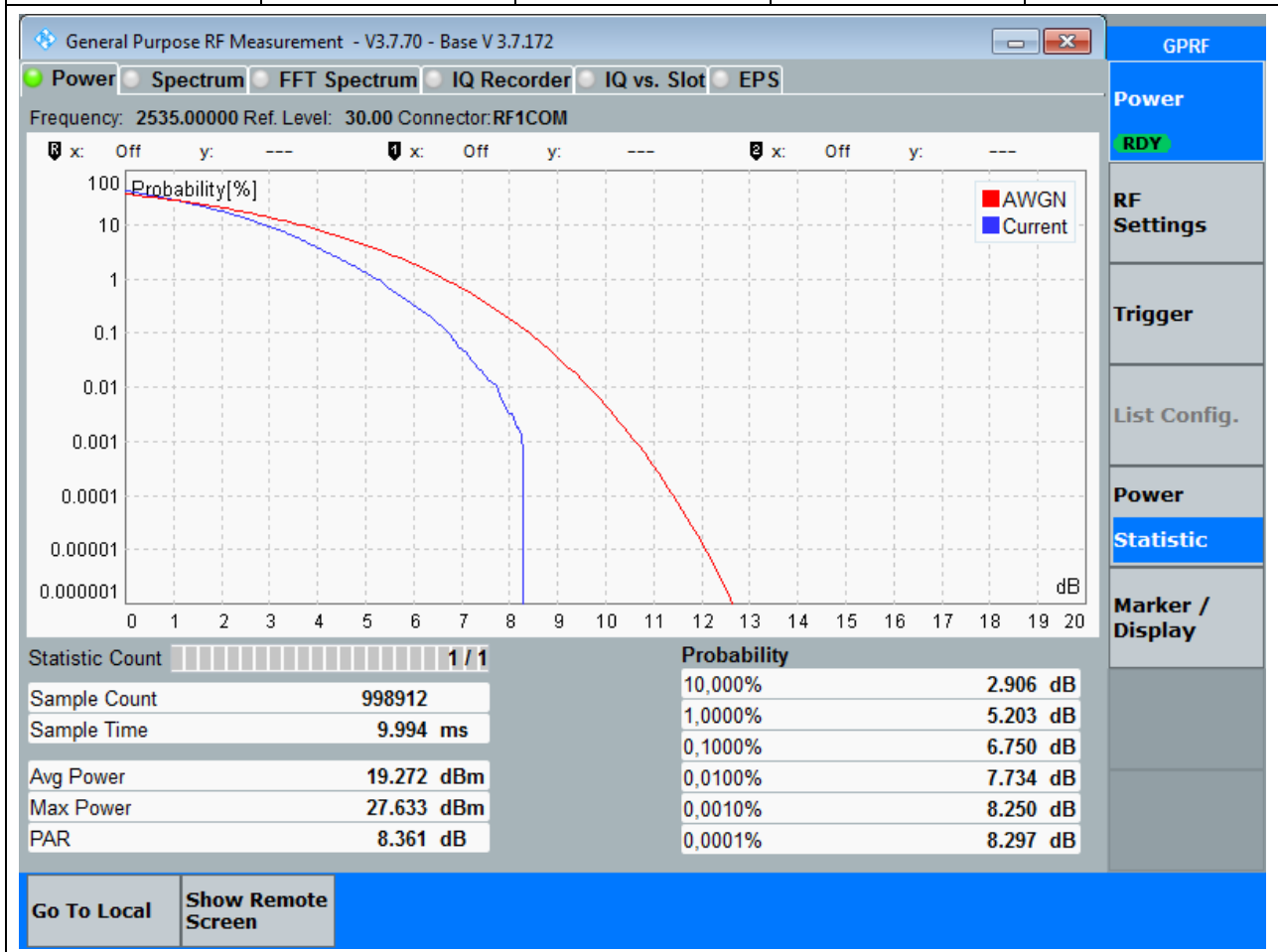
2.19. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.66	13	Pass



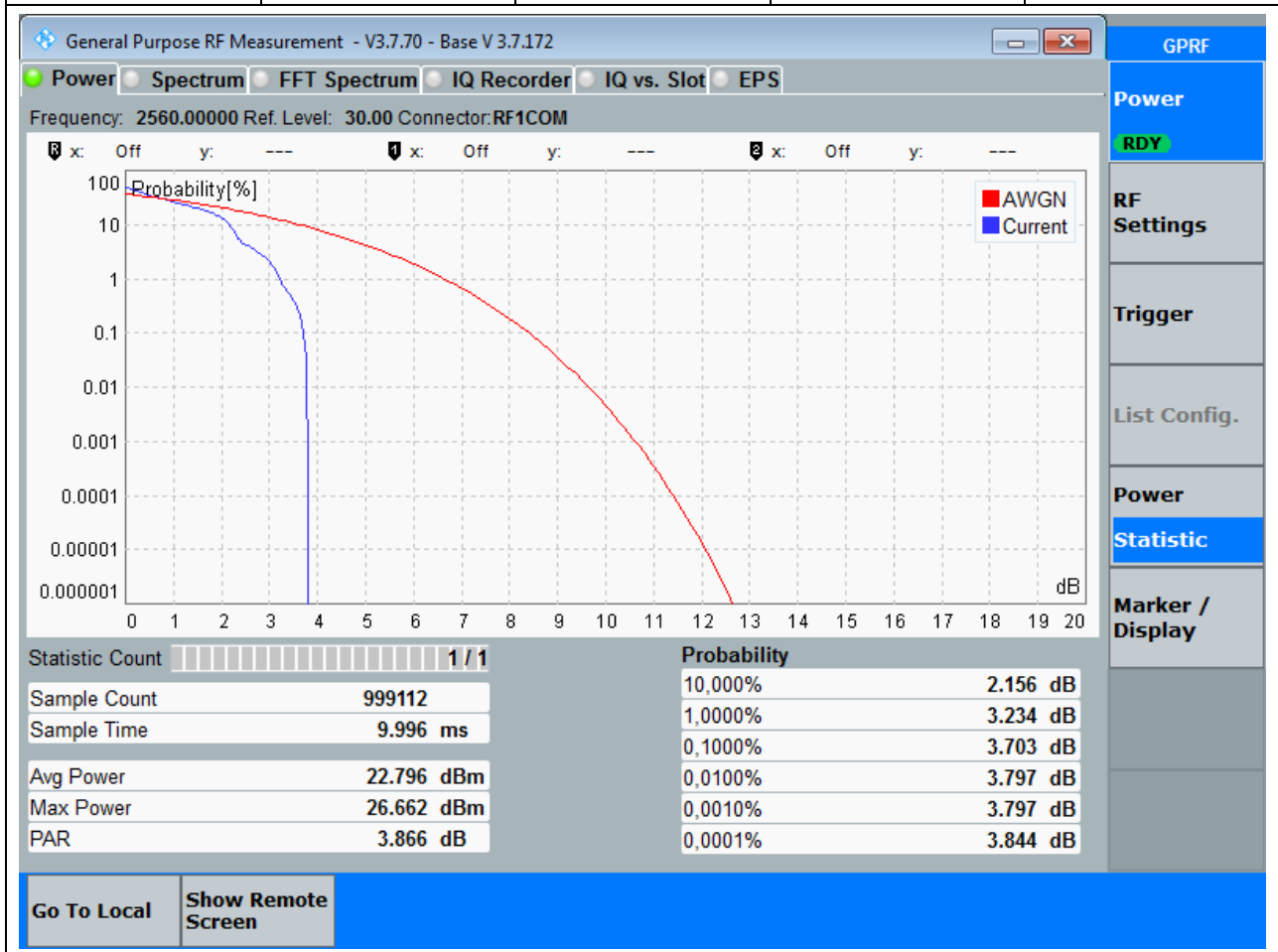
2.20. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.75	13	Pass



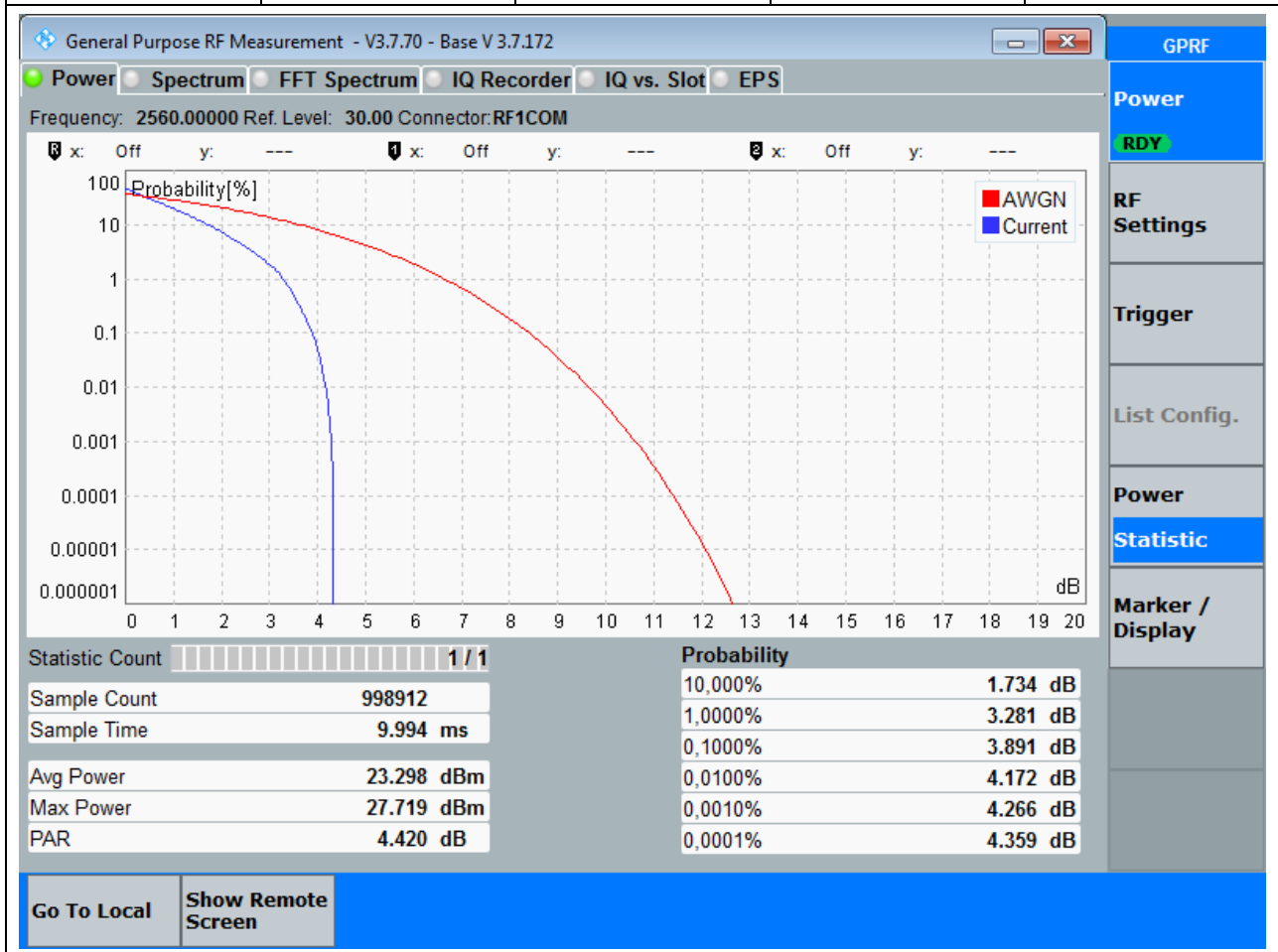
2.21. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	3.7	13	Pass



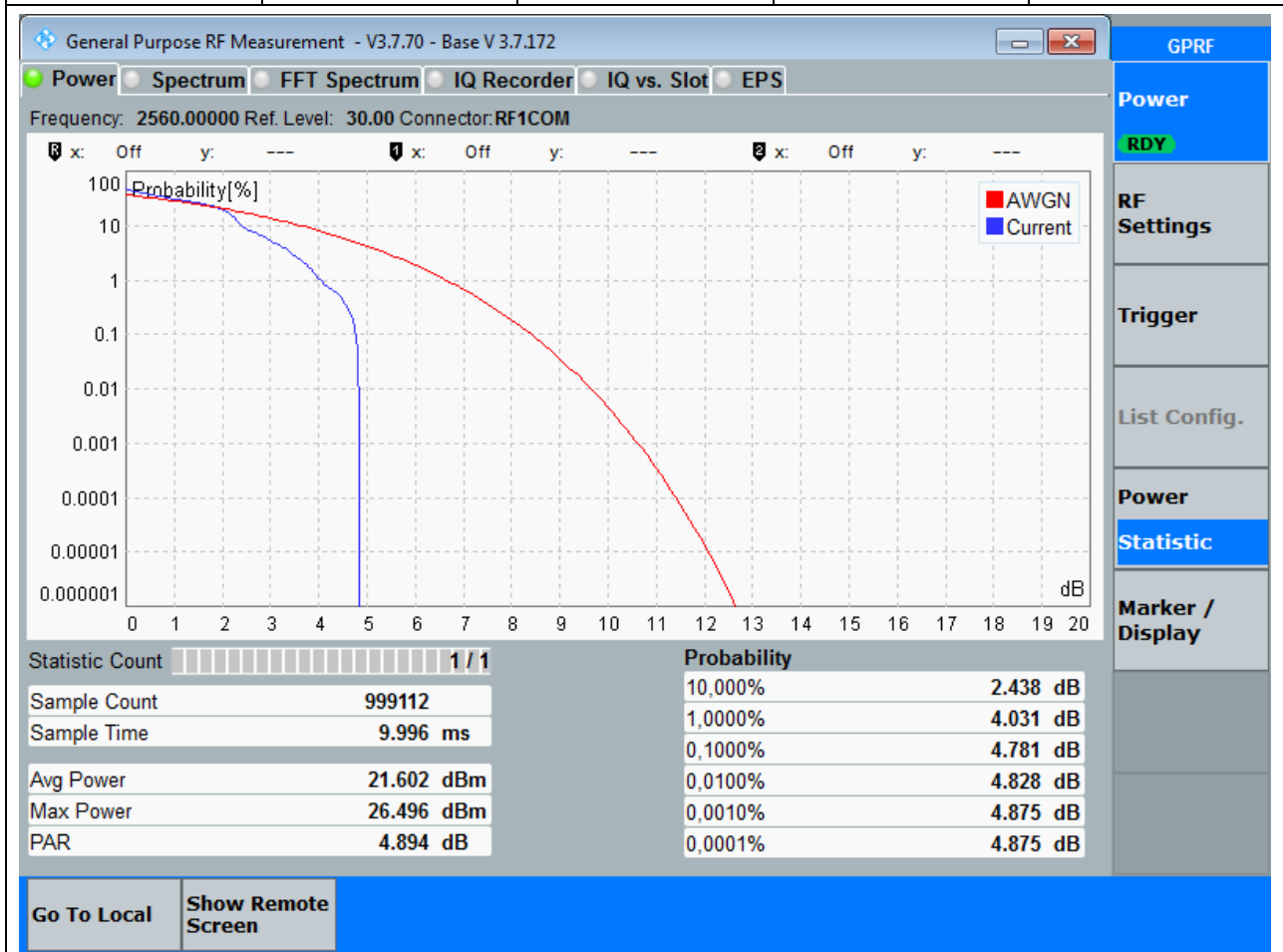
2.22. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	3.89	13	Pass



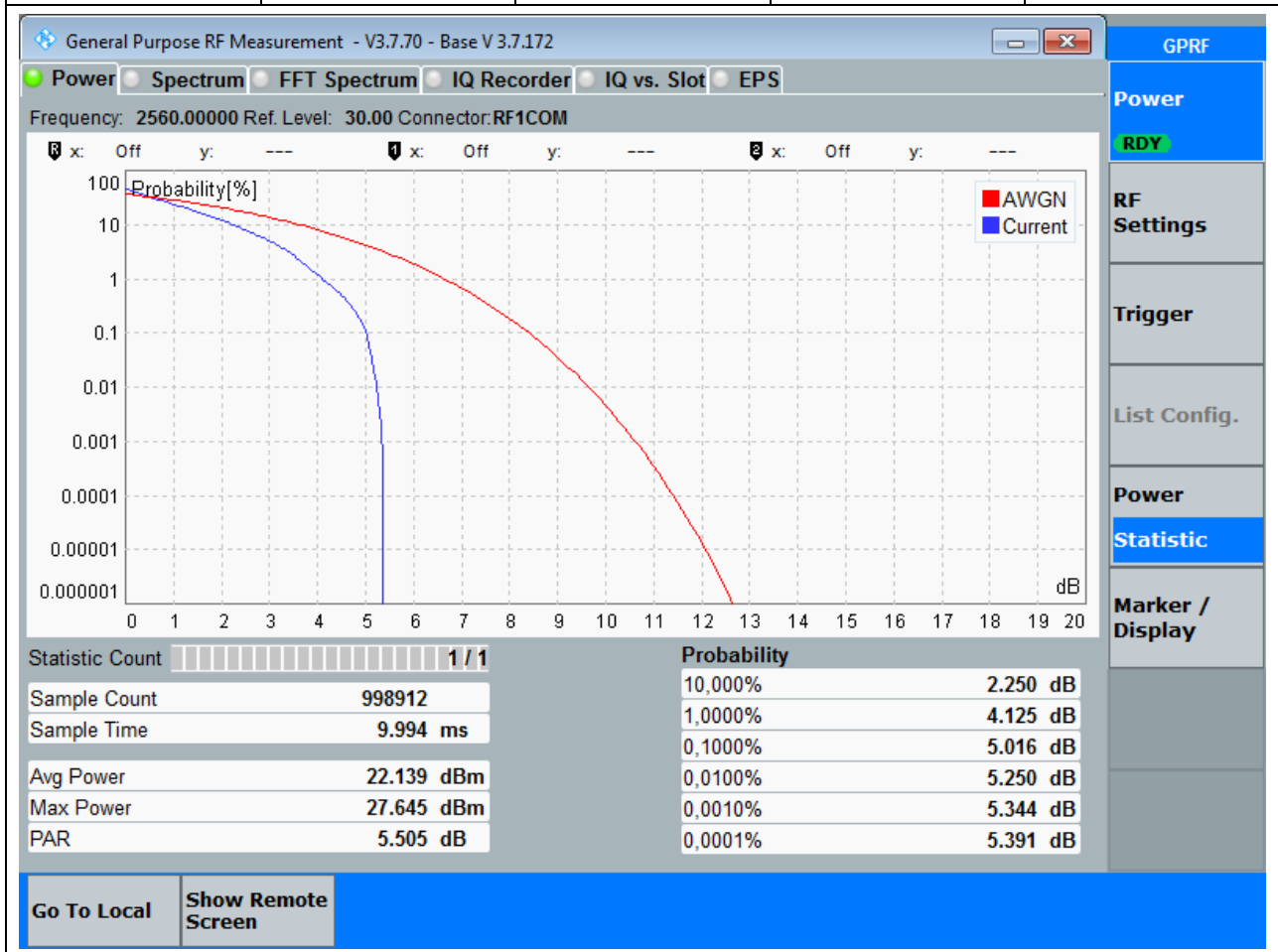
2.23. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	4.78	13	Pass



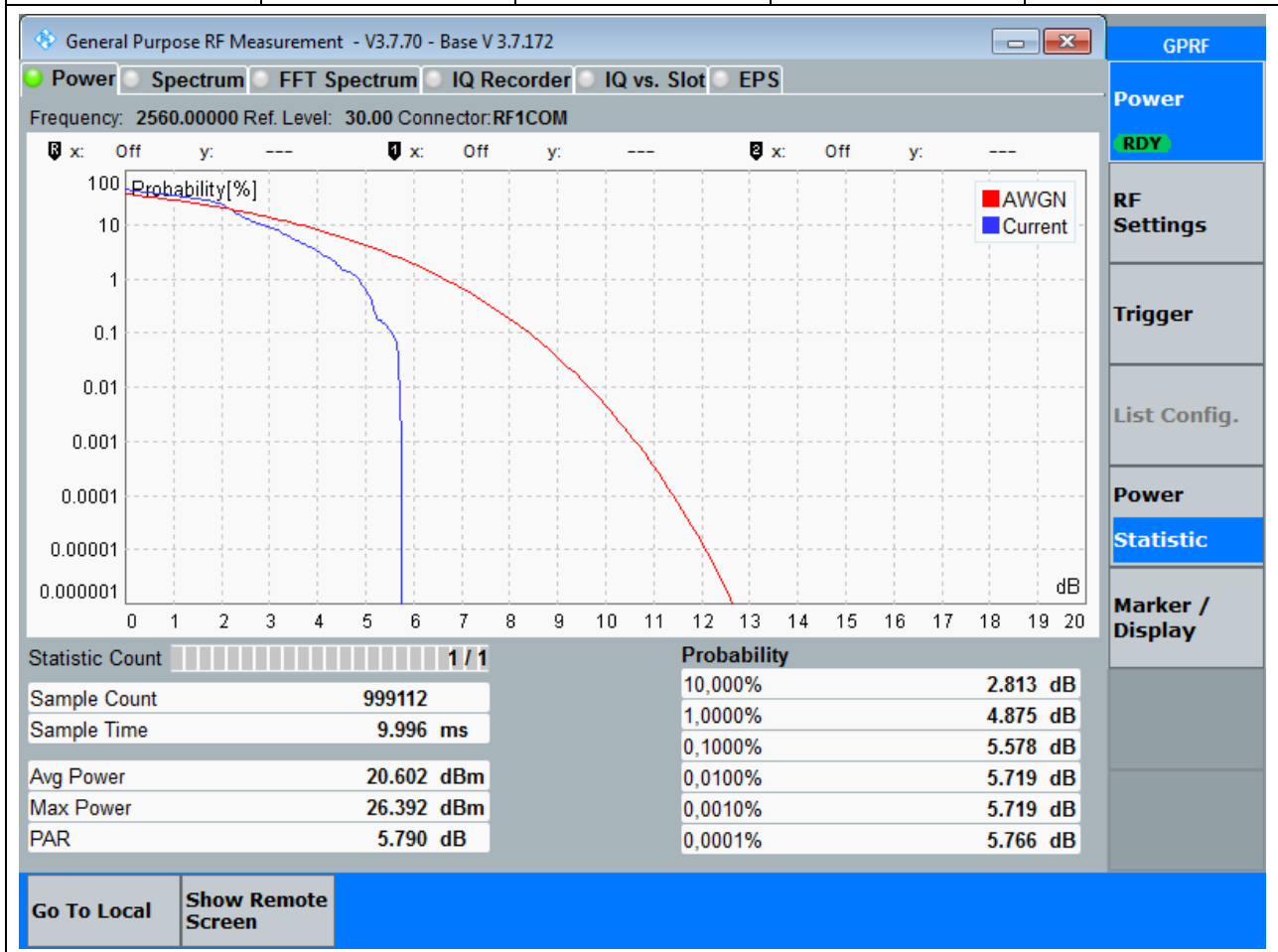
2.24. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.02	13	Pass



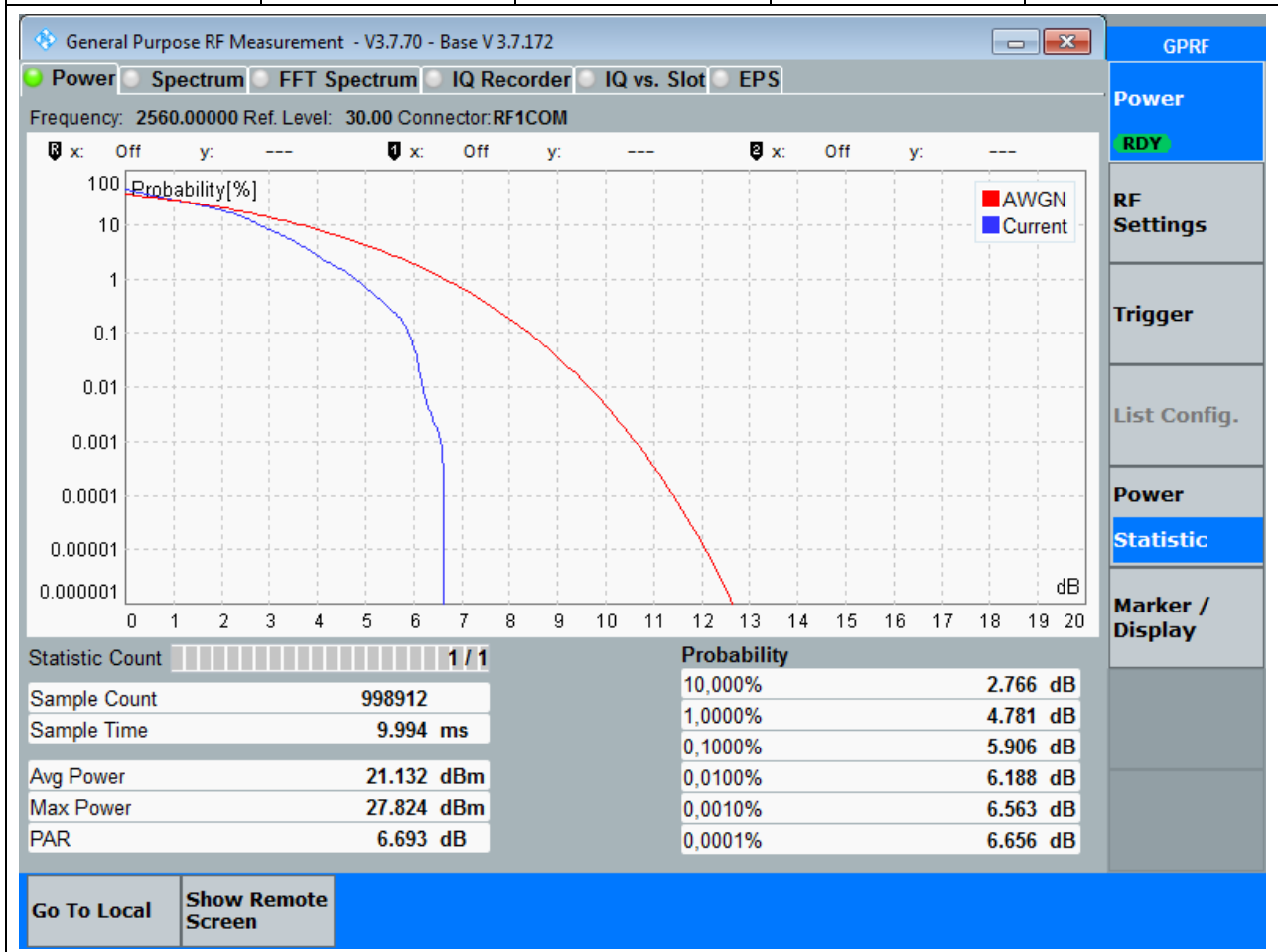
2.25. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.58	13	Pass



2.26. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.91	13	Pass



2.27. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.58	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: 2560.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power **RDY**

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

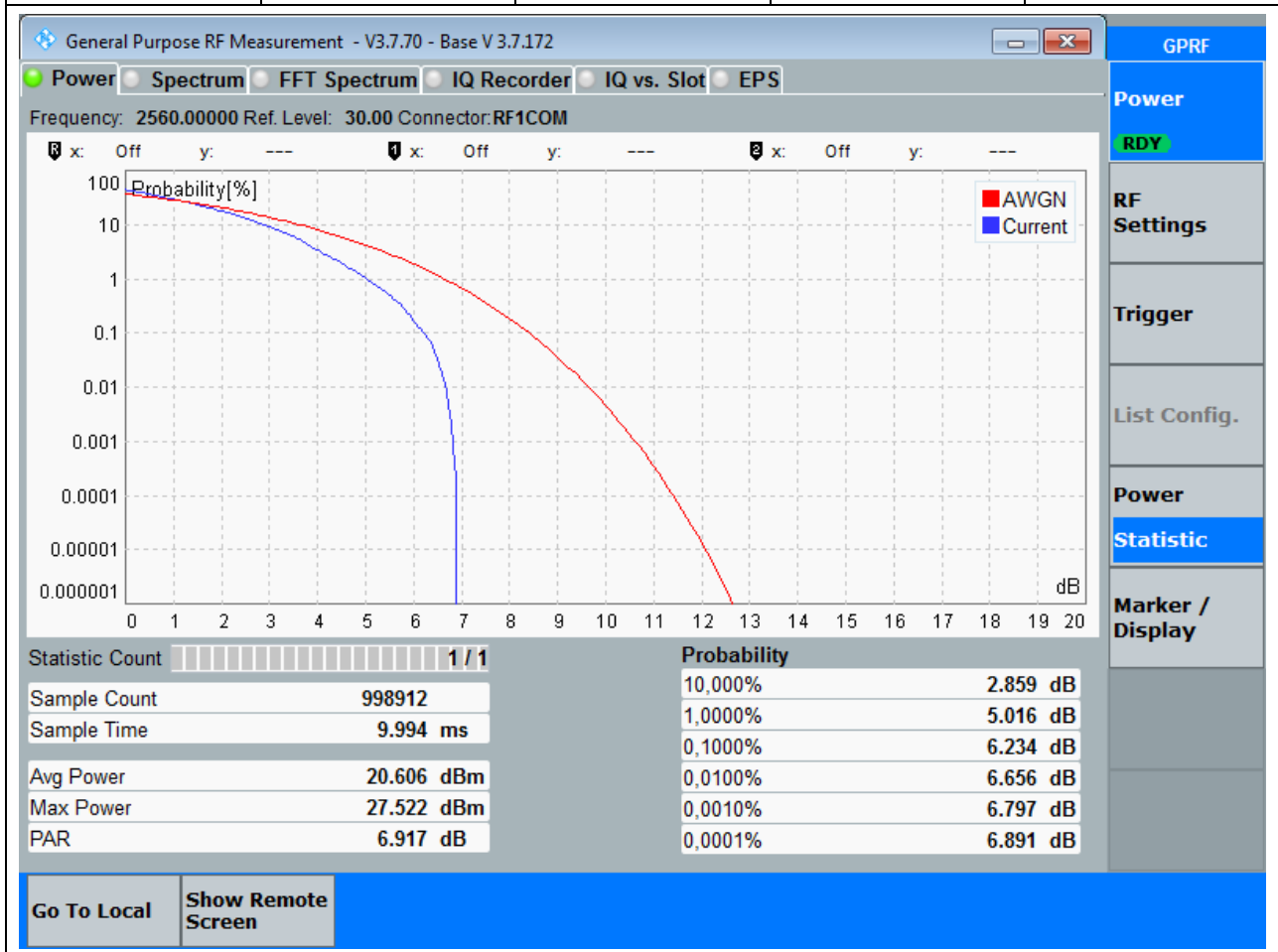
Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	19.978 dBm
Max Power	25.843 dBm
PAR	5.865 dB

Probability	
10,000%	2.953 dB
1,0000%	4.734 dB
0,1000%	5.578 dB
0,0100%	5.766 dB
0,0010%	5.813 dB
0,0001%	5.813 dB

Go To Local
Show Remote Screen

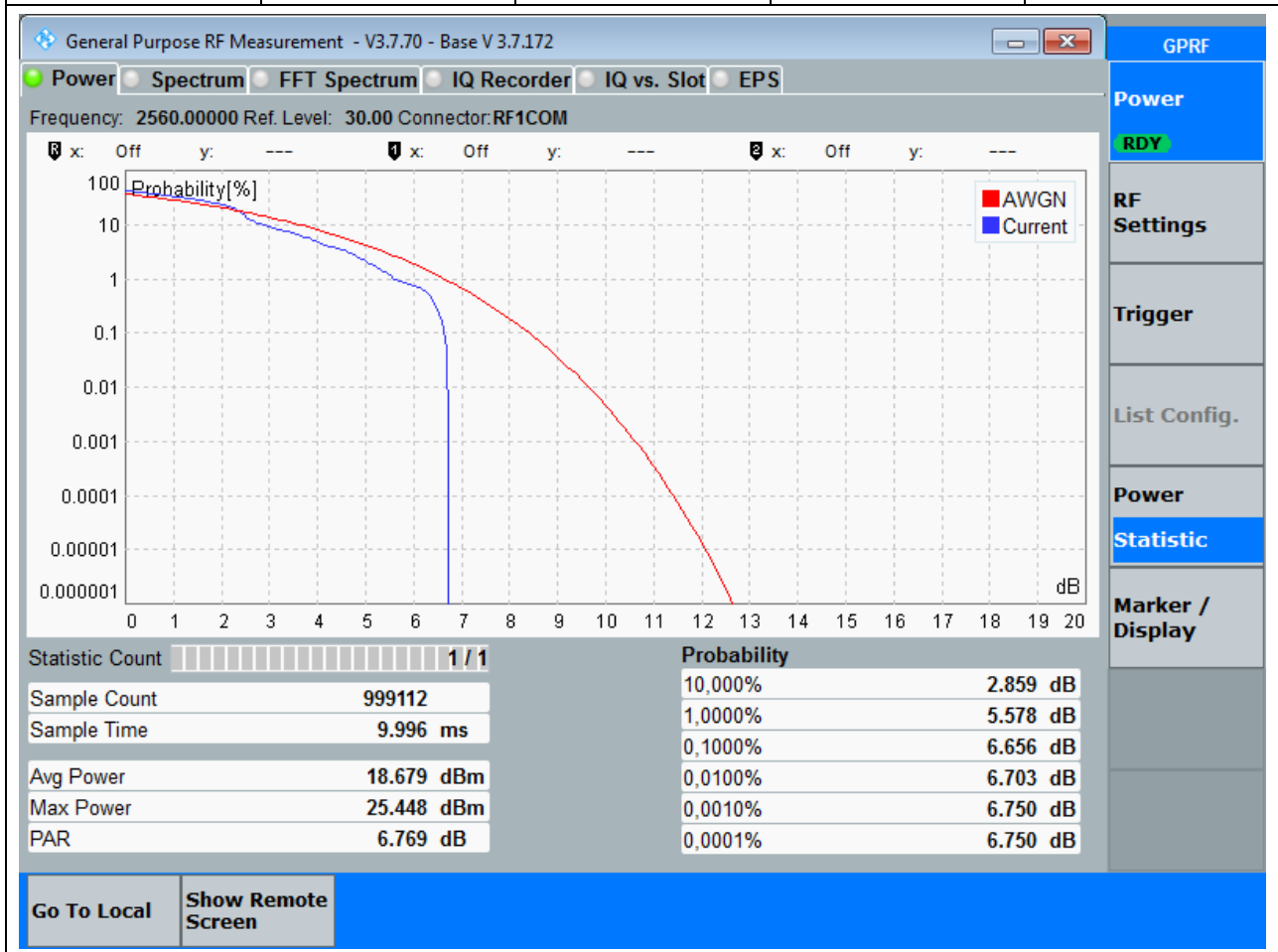
2.28. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	6.23	13	Pass



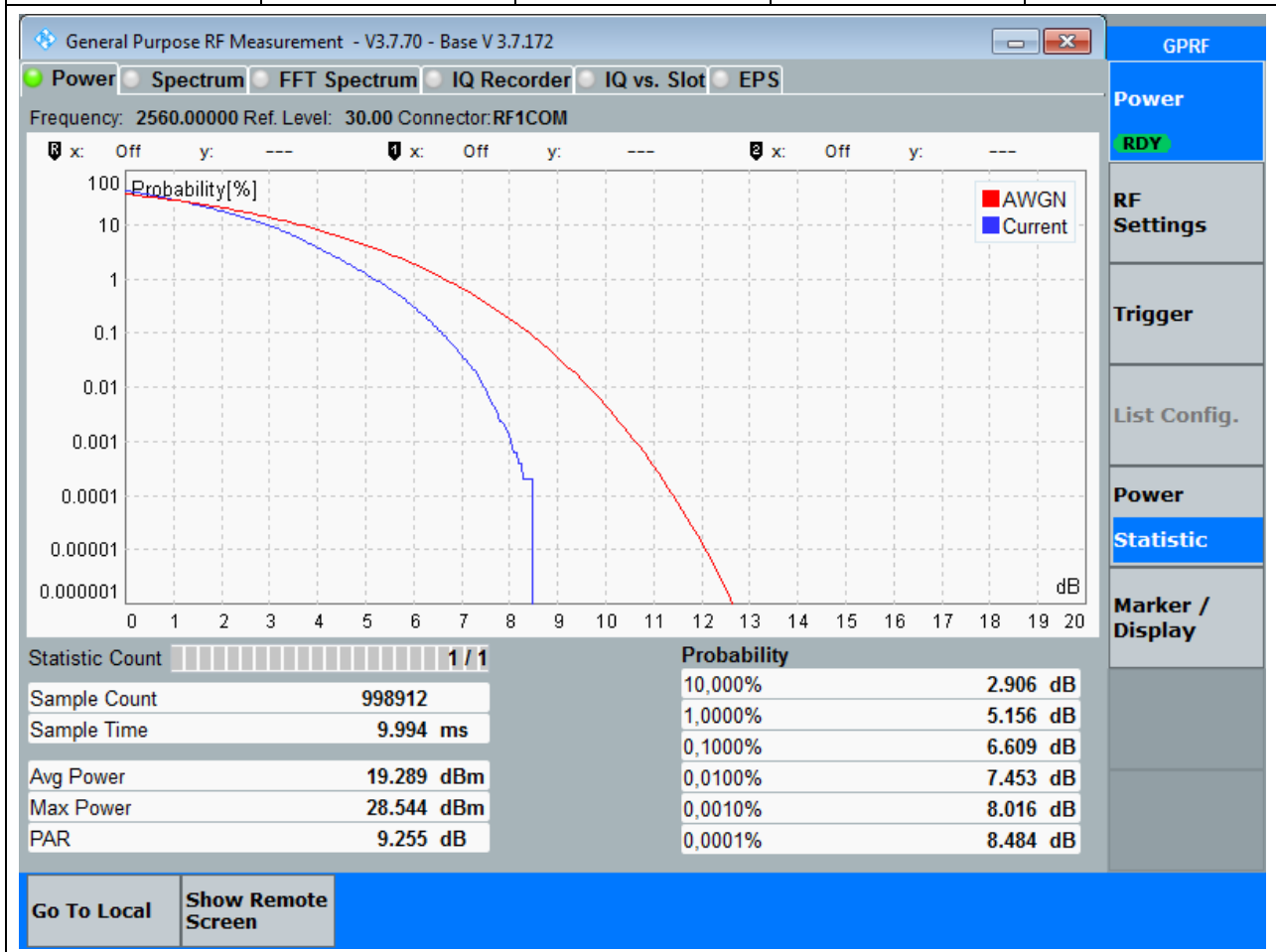
2.29. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	6.66	13	Pass



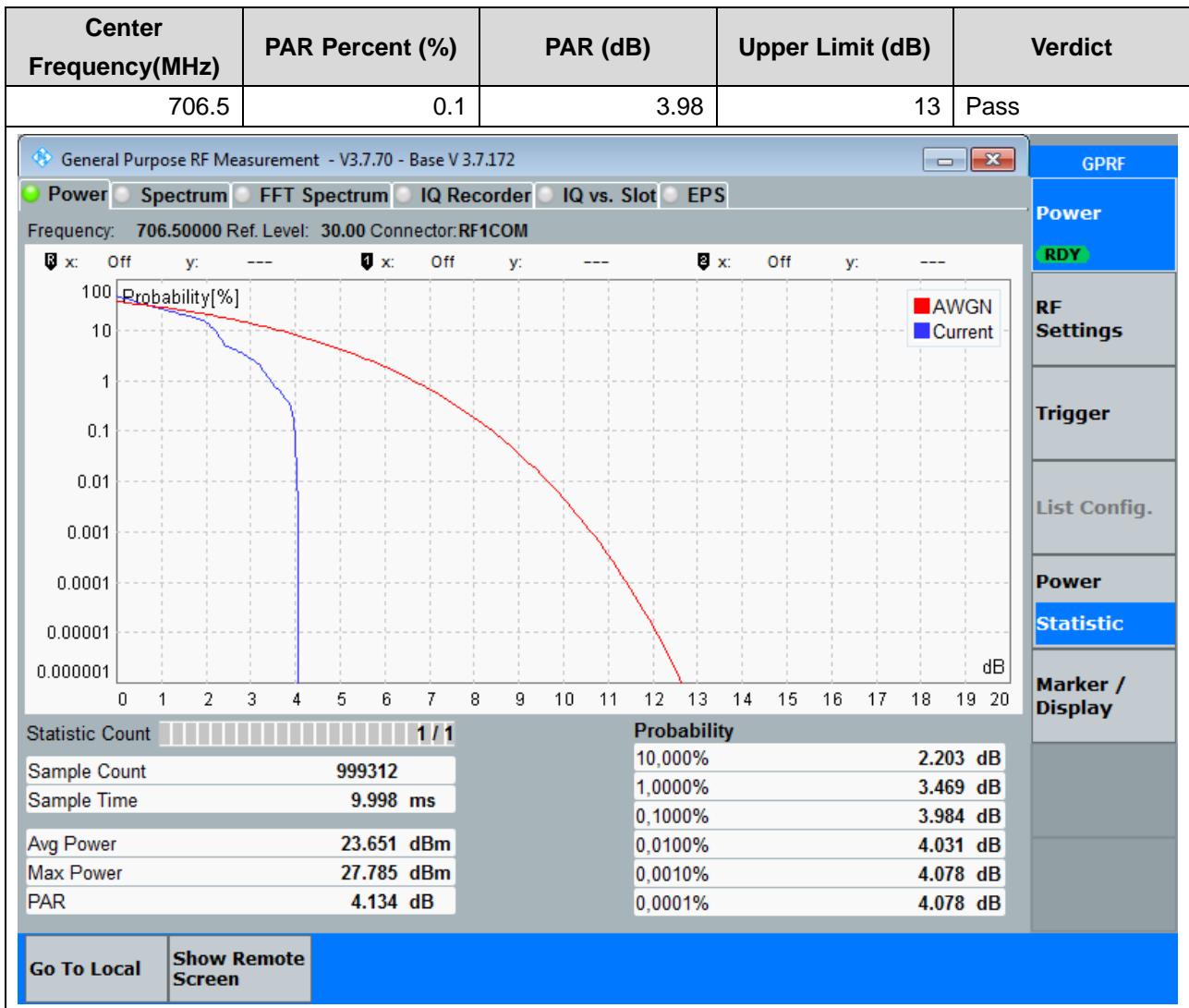
2.30. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	6.61	13	Pass



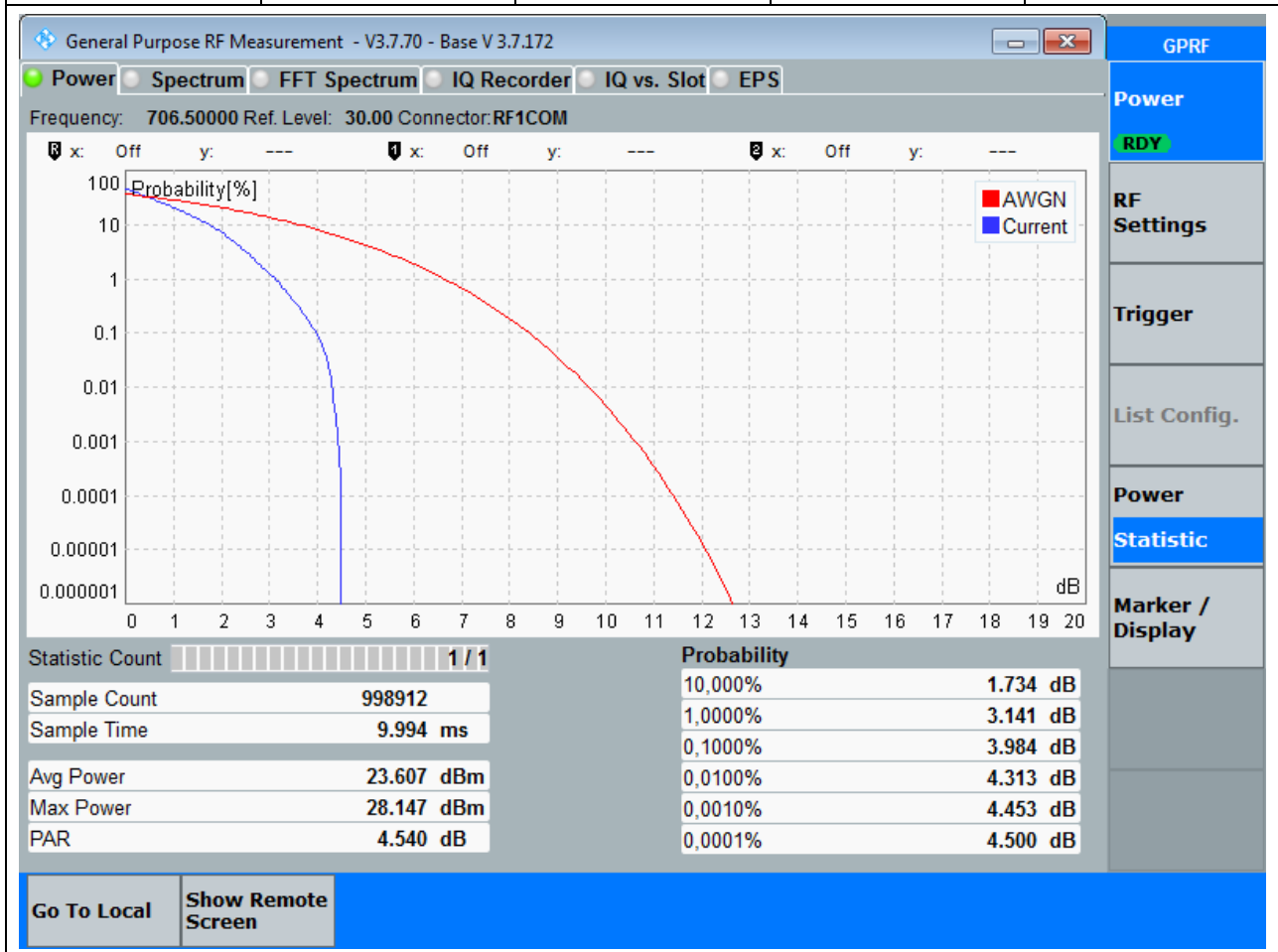
6. n12 15kHz

6.1. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



6.2. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:75, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	3.98	13	Pass



6.3. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	4.92	13	Pass

