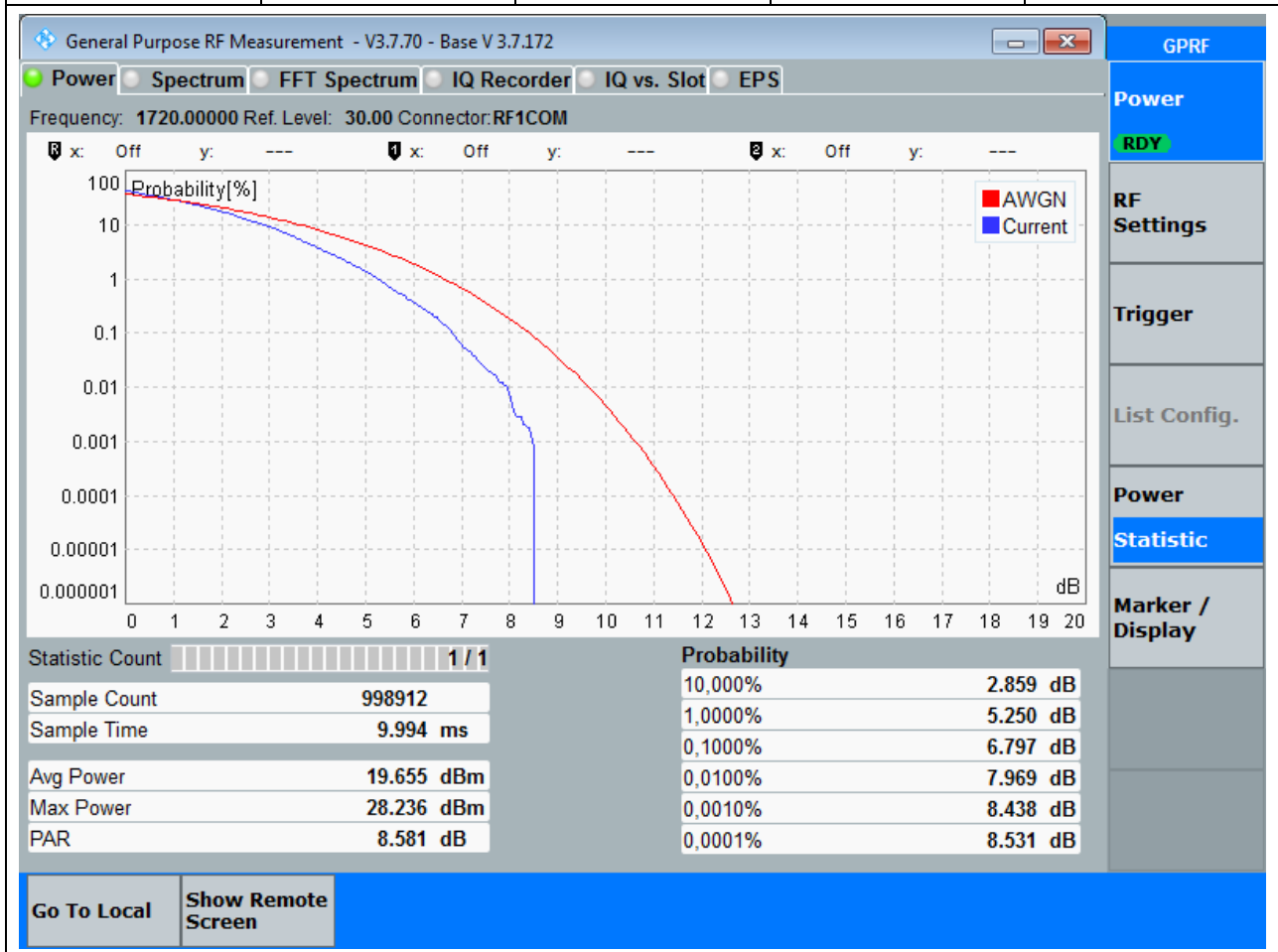


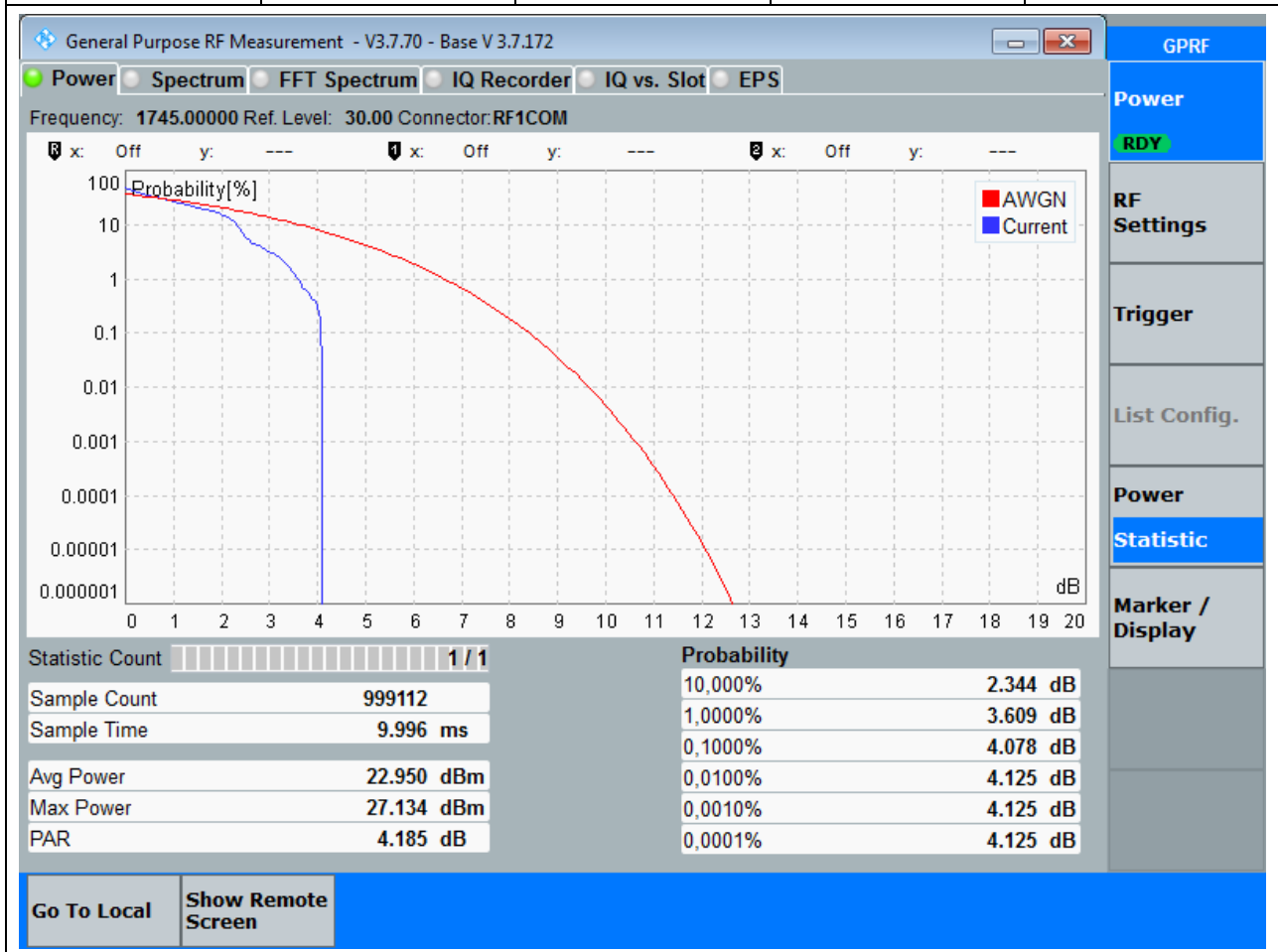
**8.10. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	6.8	13	Pass



**8.11. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, 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
1745	0.1	4.08	13	Pass



**8.12. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, 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
1745	0.1	4.36	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: 1745.00000 Ref. Level: 30.00 Connector:RF1COM
RF Settings

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

List Config.

Statistic Count 1 / 1
Power Statistic

Sample Count	998912
Sample Time	9.994 ms
Avg Power	23.568 dBm
Max Power	28.691 dBm
PAR	5.123 dB

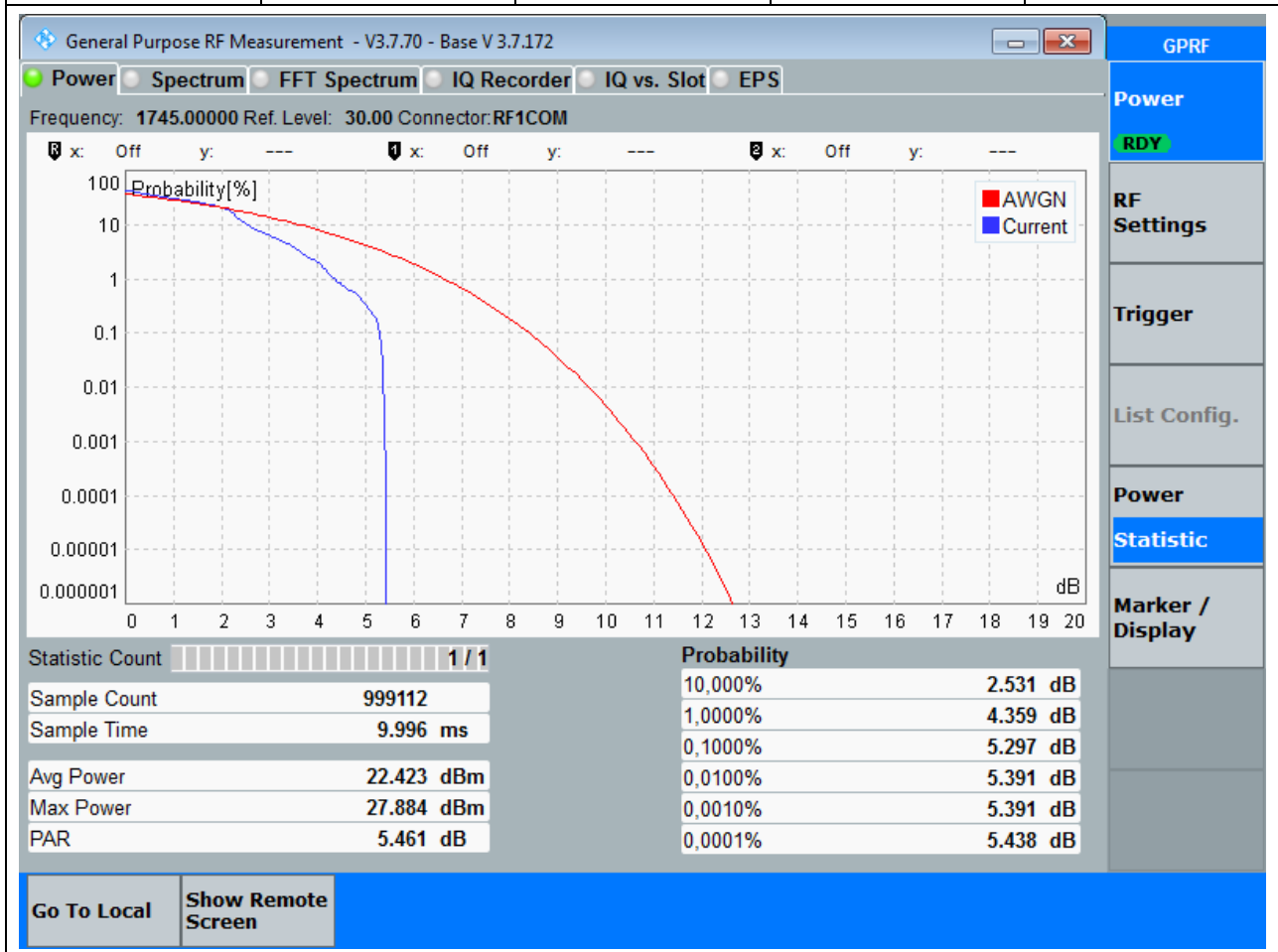
Probability	Power (dB)
10,000%	1.875 dB
1,0000%	3.656 dB
0,1000%	4.359 dB
0,0100%	4.828 dB
0,0010%	4.969 dB
0,0001%	5.016 dB

Marker / Display

Go To Local
Show Remote Screen

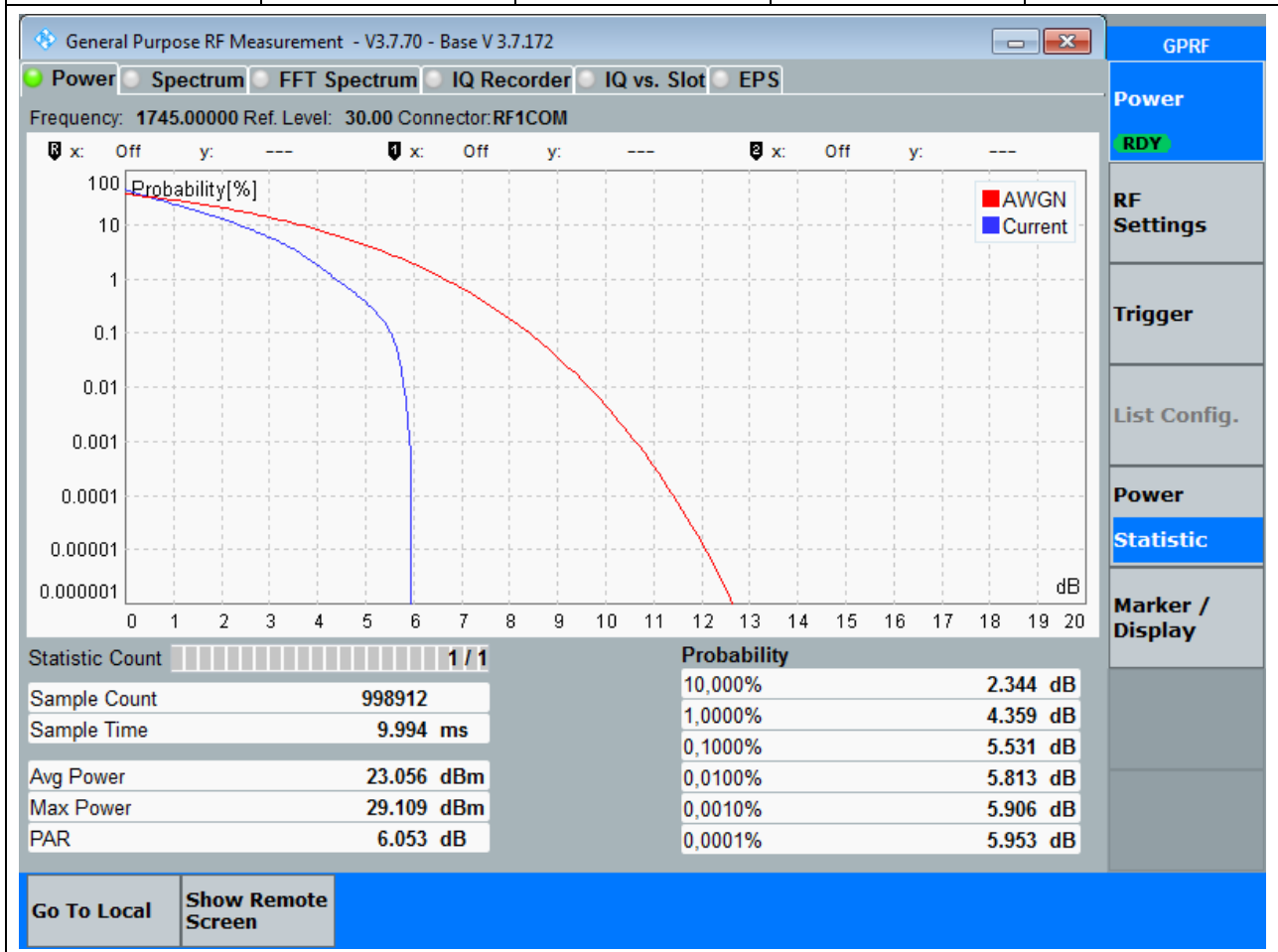
**8.13. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

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



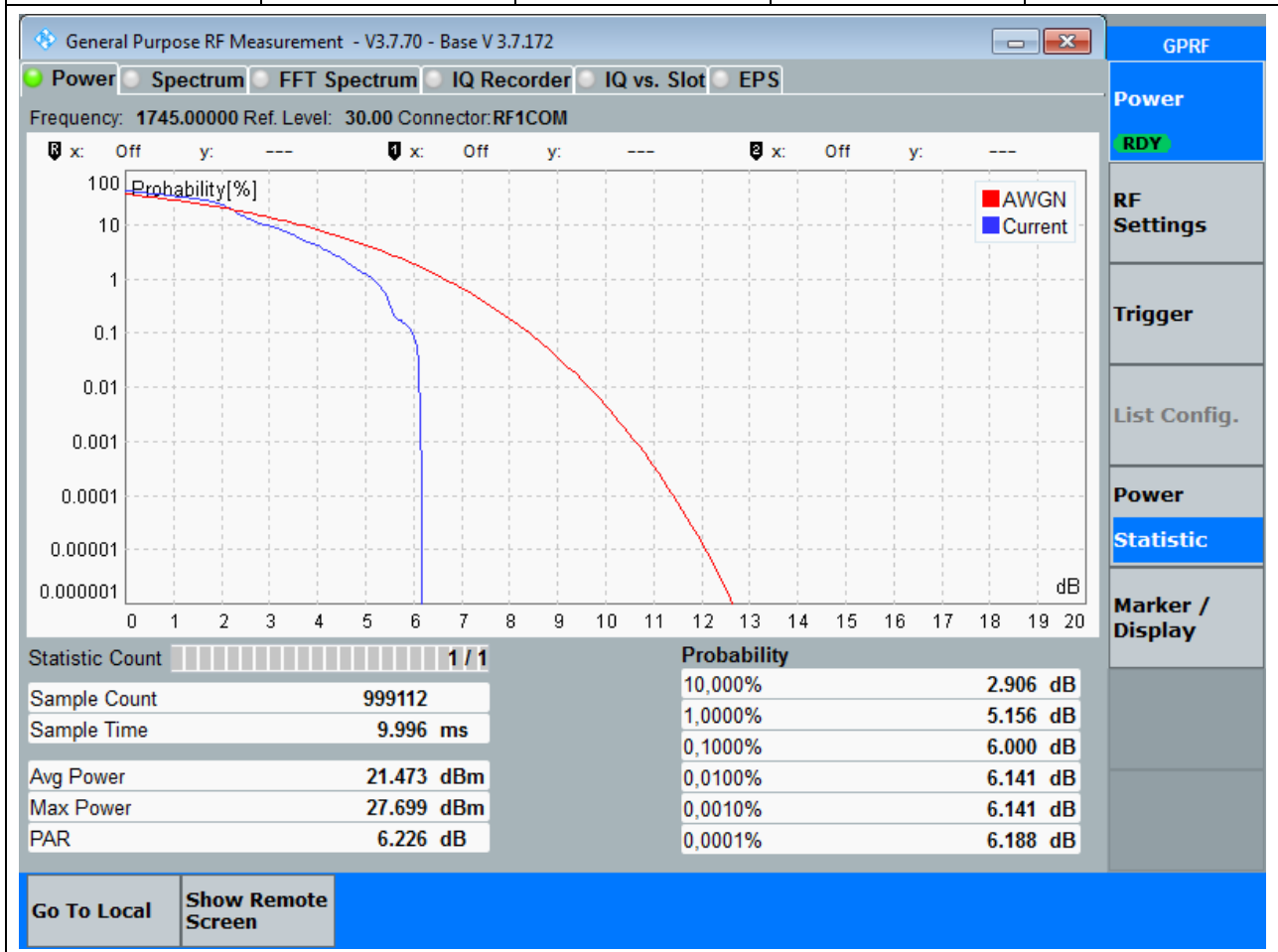
**8.14. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.53	13	Pass



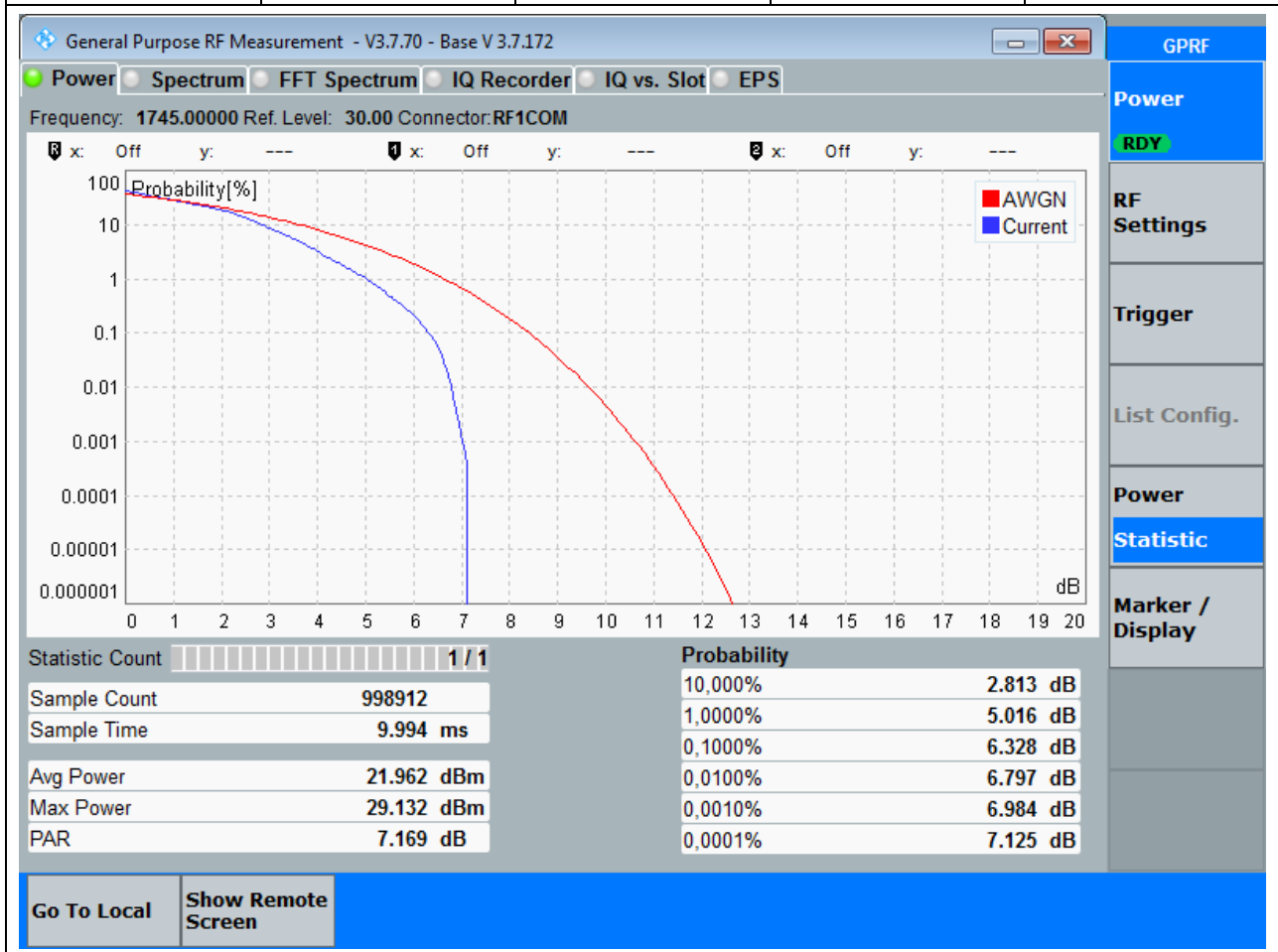
**8.15. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6	13	Pass



**8.16. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, 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
1745	0.1	6.33	13	Pass



**8.17. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, 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
1745	0.1	5.95	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: 1745.00000 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	999112
Sample Time	9.996 ms
Avg Power	20.921 dBm
Max Power	27.132 dBm
PAR	6.211 dB

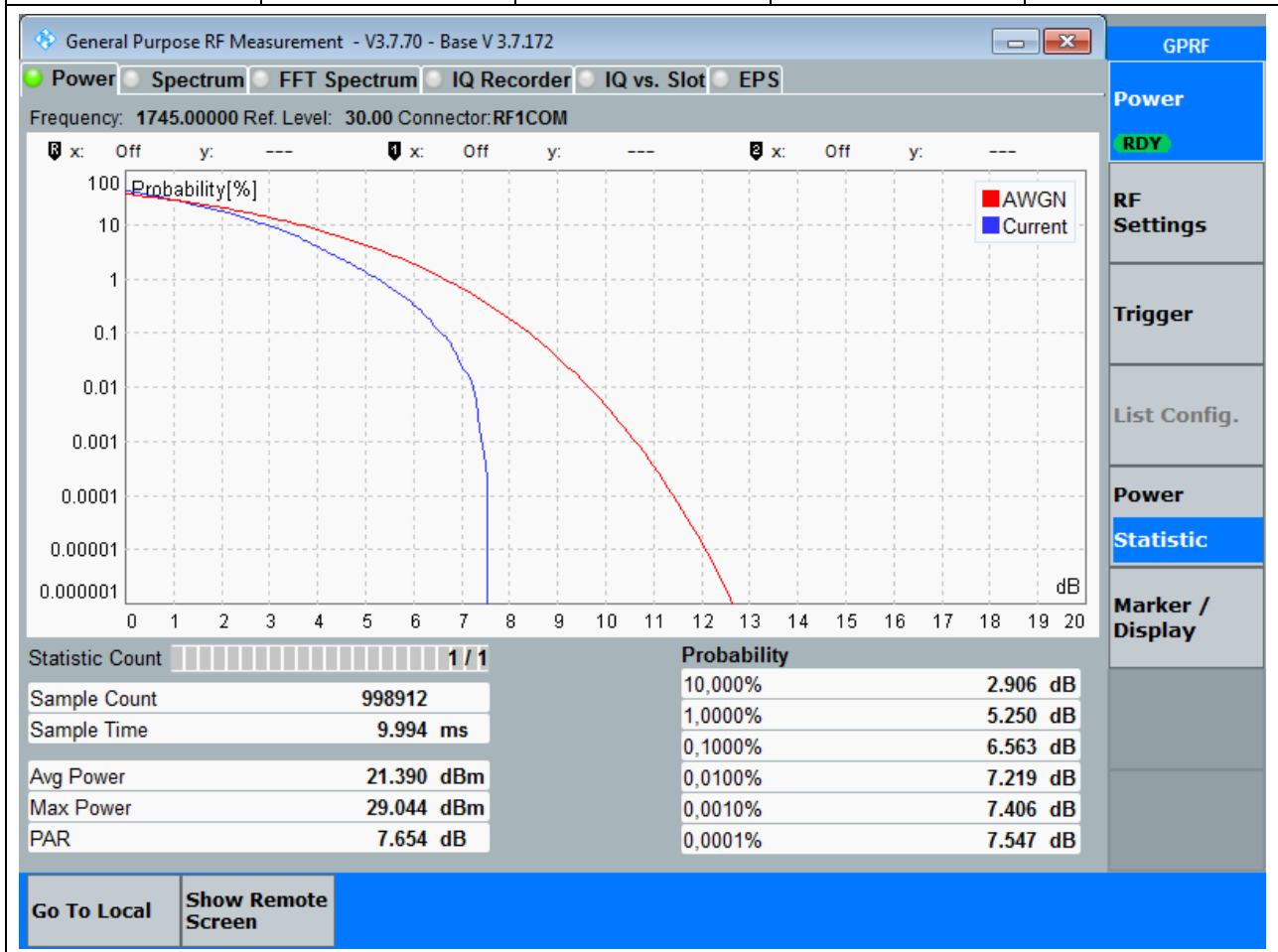
Probability	
10,000%	3.047 dB
1,0000%	5.016 dB
0,1000%	5.953 dB
0,0100%	6.094 dB
0,0010%	6.141 dB
0,0001%	6.141 dB

Go To Local
Show Remote Screen



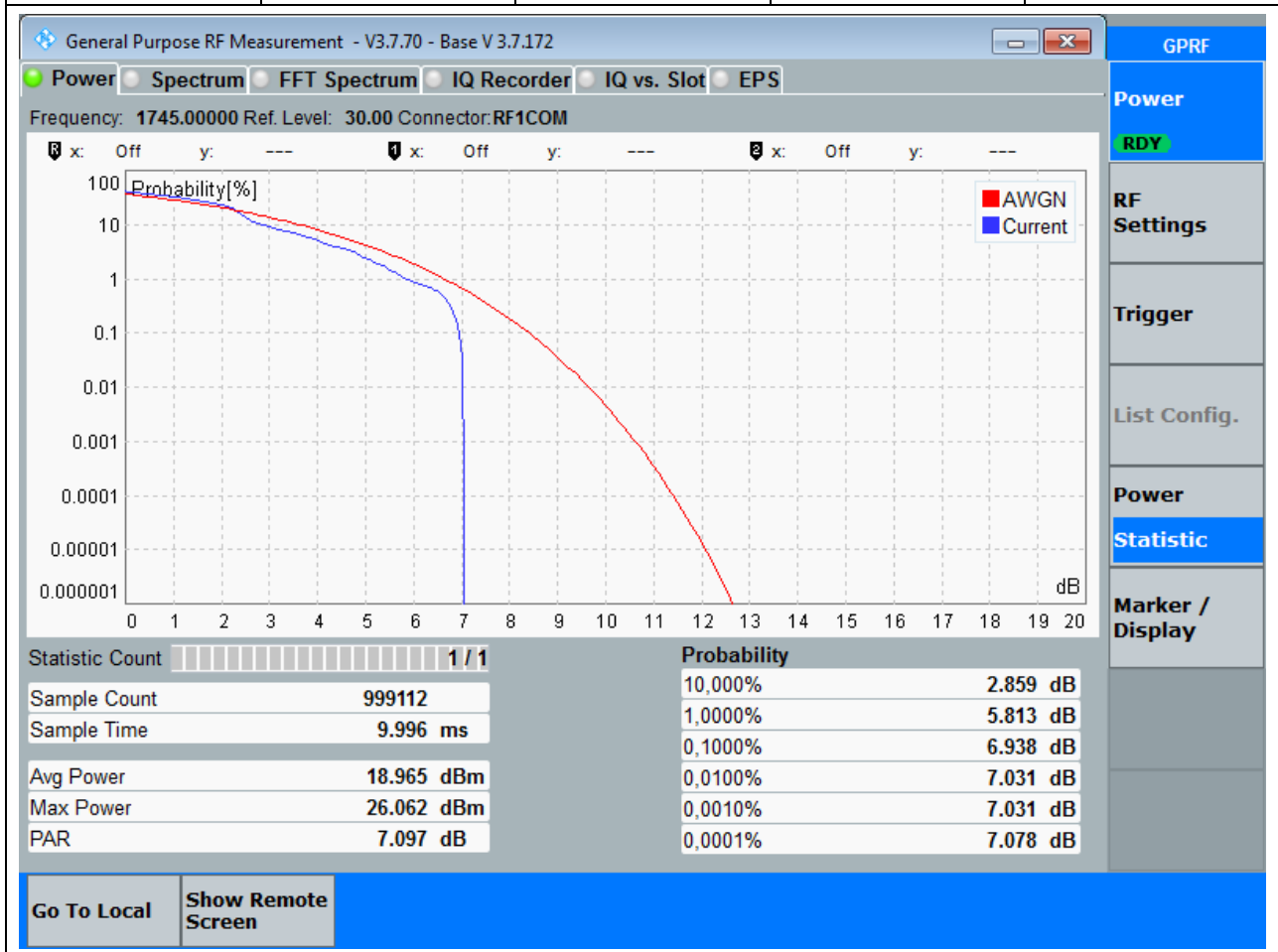
**8.18. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.56	13	Pass



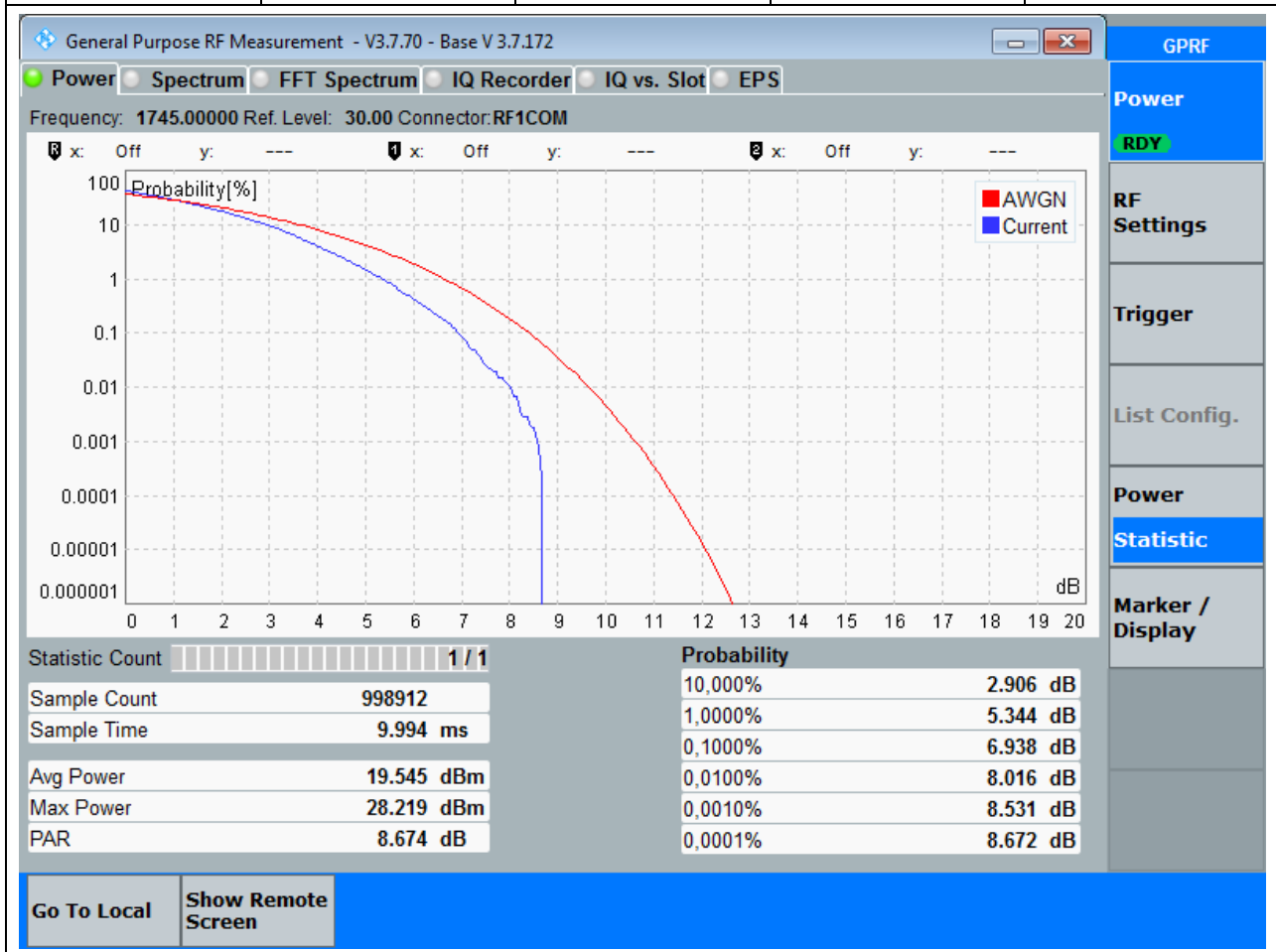
**8.19. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.94	13	Pass



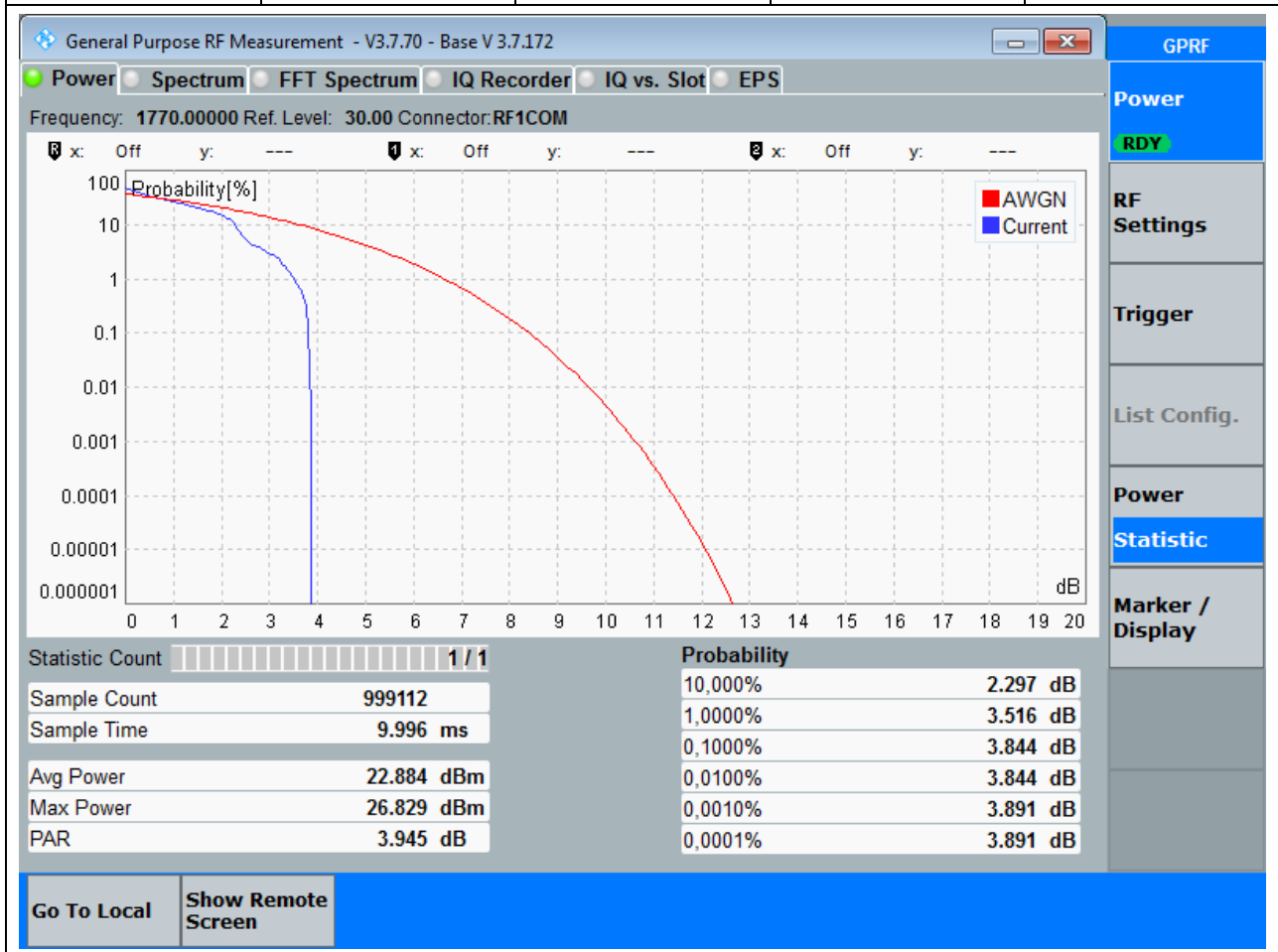
**8.20. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.94	13	Pass



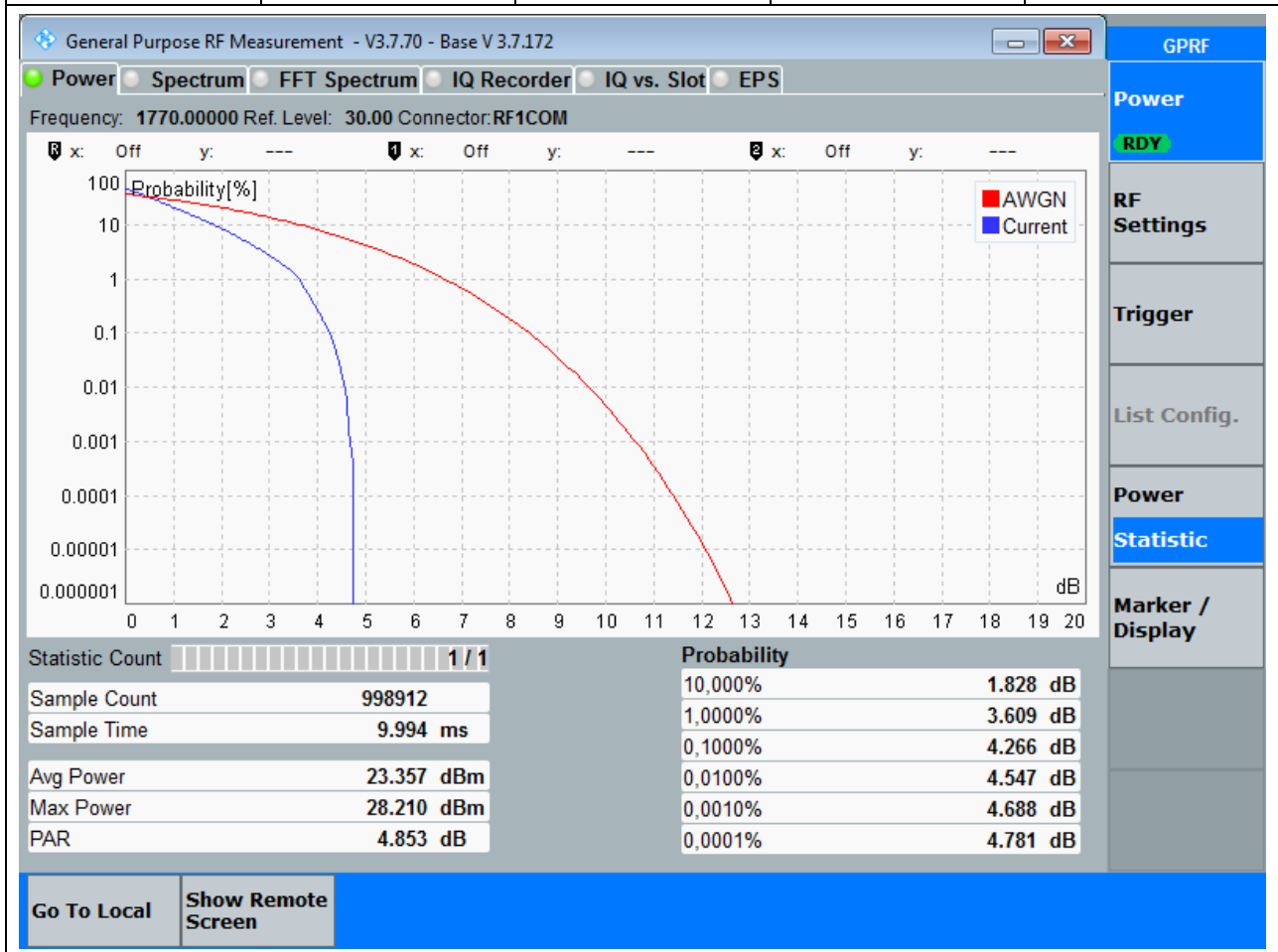
**8.21. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	3.84	13	Pass



**8.22. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, 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
1770	0.1	4.27	13	Pass



**8.23. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, 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
1770	0.1	5.16	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: 1770.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Probability[%]

Legend: ■ AWGN ■ Current

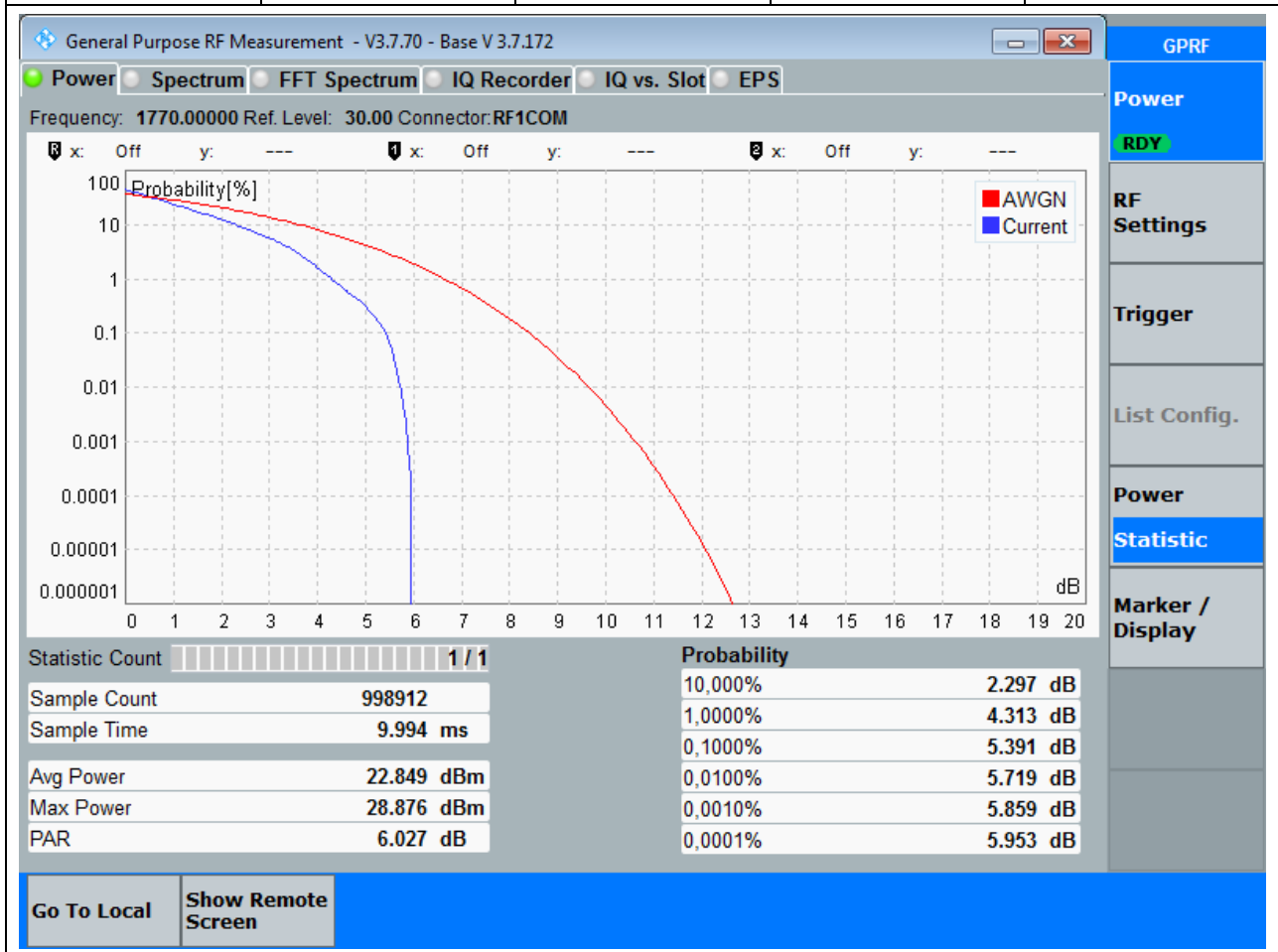
Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	22.451 dBm
Max Power	27.727 dBm
PAR	5.276 dB

Probability	
10,000%	2.531 dB
1,0000%	4.266 dB
0,1000%	5.156 dB
0,0100%	5.203 dB
0,0010%	5.250 dB
0,0001%	5.250 dB

Go To Local
Show Remote Screen

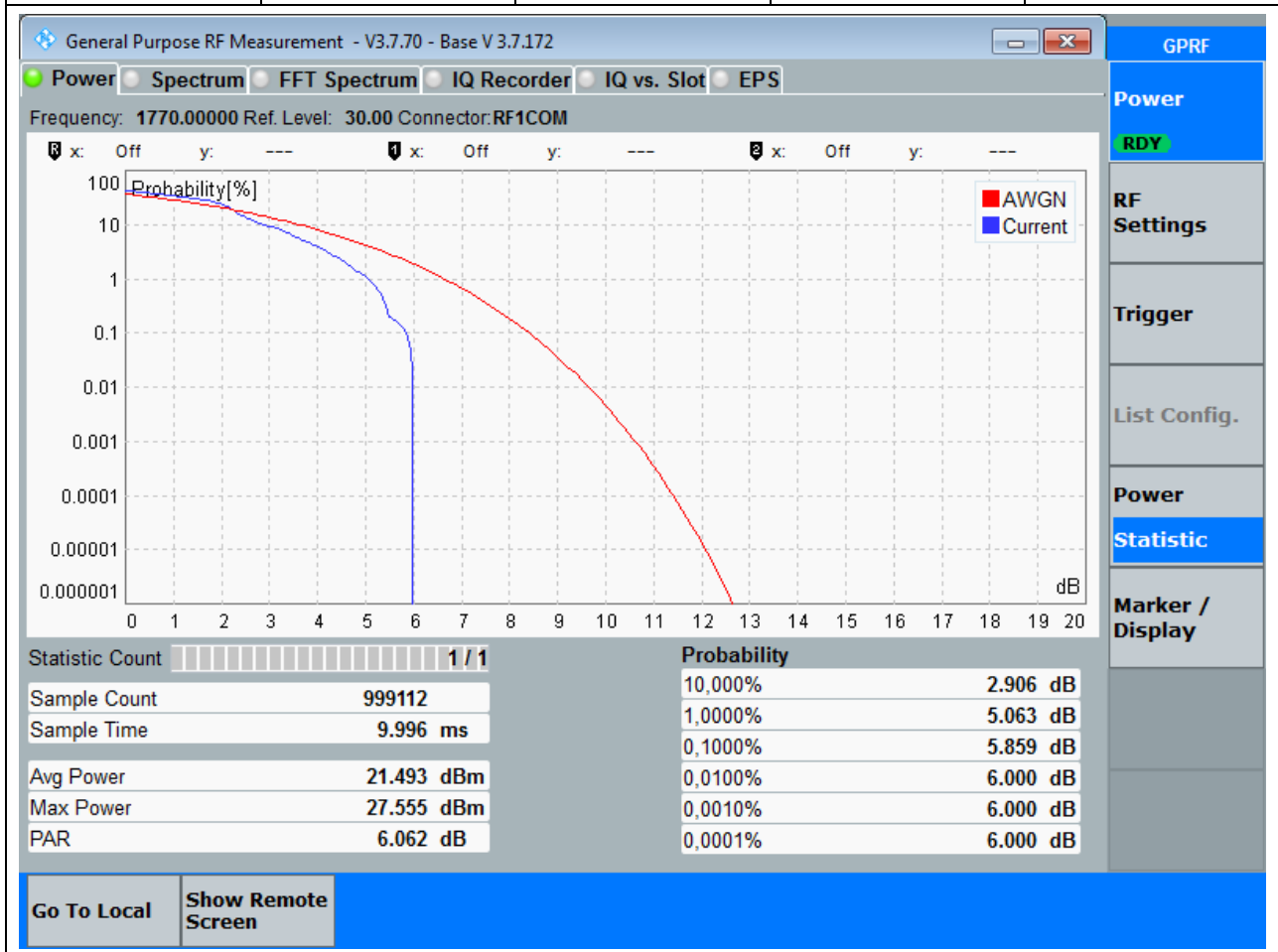
**8.24. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	5.39	13	Pass



**8.25. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, 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
1770	0.1	5.86	13	Pass





**8.26. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, 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
1770	0.1	6.19	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: 1770.00000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count		Probability	
Sample Count	998912	10,000%	2.859 dB
Sample Time	9.994 ms	1,0000%	4.922 dB
Avg Power	21.886 dBm	0,1000%	6.188 dB
Max Power	28.751 dBm	0,0100%	6.609 dB
PAR	6.865 dB	0,0010%	6.750 dB
		0,0001%	6.797 dB

Go To Local
Show Remote Screen

**8.27. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, 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
1770	0.1	5.81	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: 1770.00000 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	20.978 dBm
Max Power	27.039 dBm
PAR	6.061 dB

Probability	
10,000%	3.047 dB
1,0000%	4.922 dB
0,1000%	5.813 dB
0,0100%	5.953 dB
0,0010%	6.000 dB
0,0001%	6.047 dB

Go To Local
Show Remote Screen

**8.28. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, 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
1770	0.1	6.47	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: 1770.00000 Ref. Level: 30.00 Connector:RF1COM

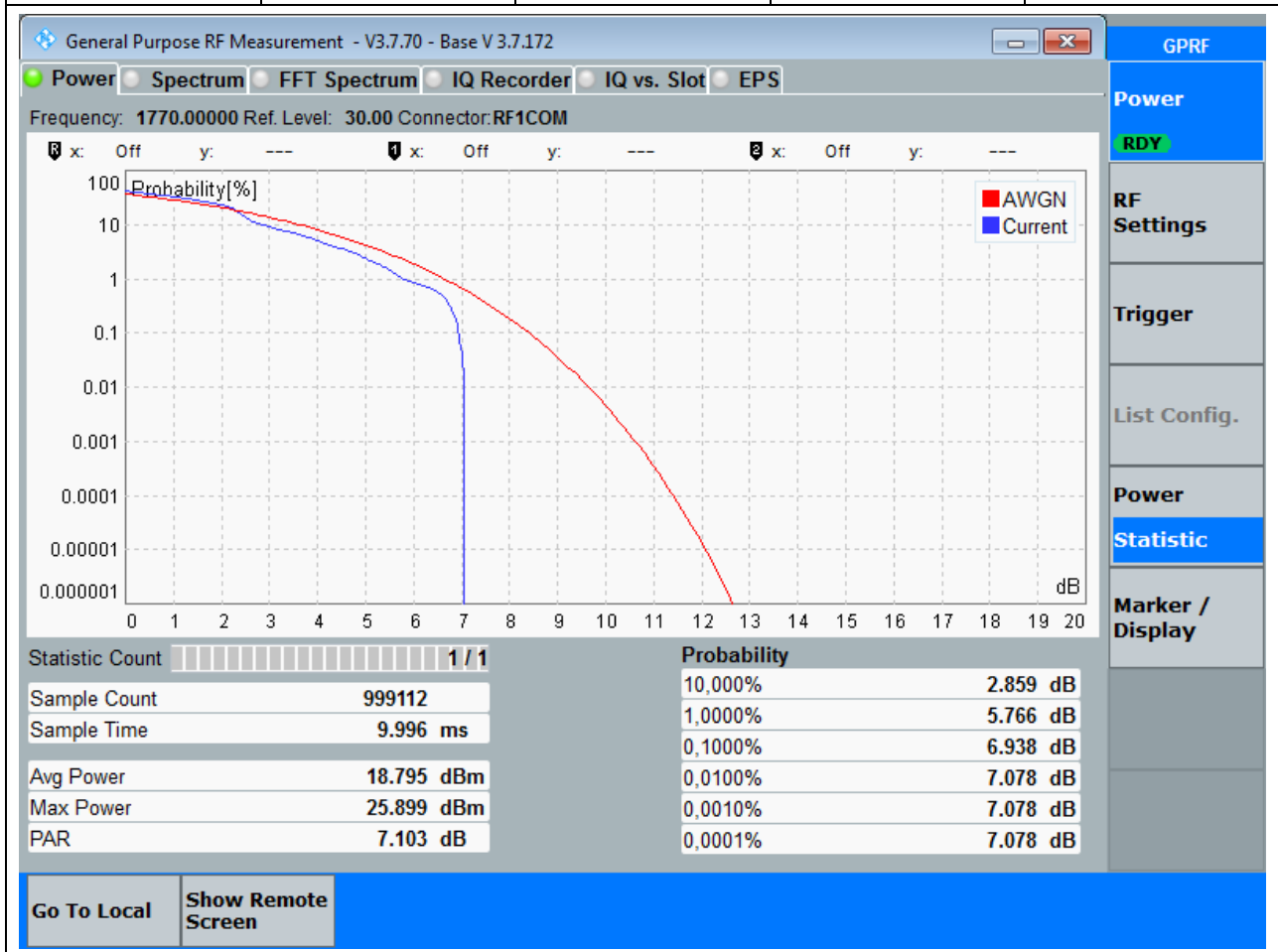
Statistic Count		Probability	
Sample Count	998912	10,000%	2.953 dB
Sample Time	9.994 ms	1,0000%	5.203 dB
Avg Power	21.373 dBm	0,1000%	6.469 dB
Max Power	28.784 dBm	0,0100%	7.031 dB
PAR	7.411 dB	0,0010%	7.266 dB
		0,0001%	7.359 dB

Go To Local

Show Remote Screen

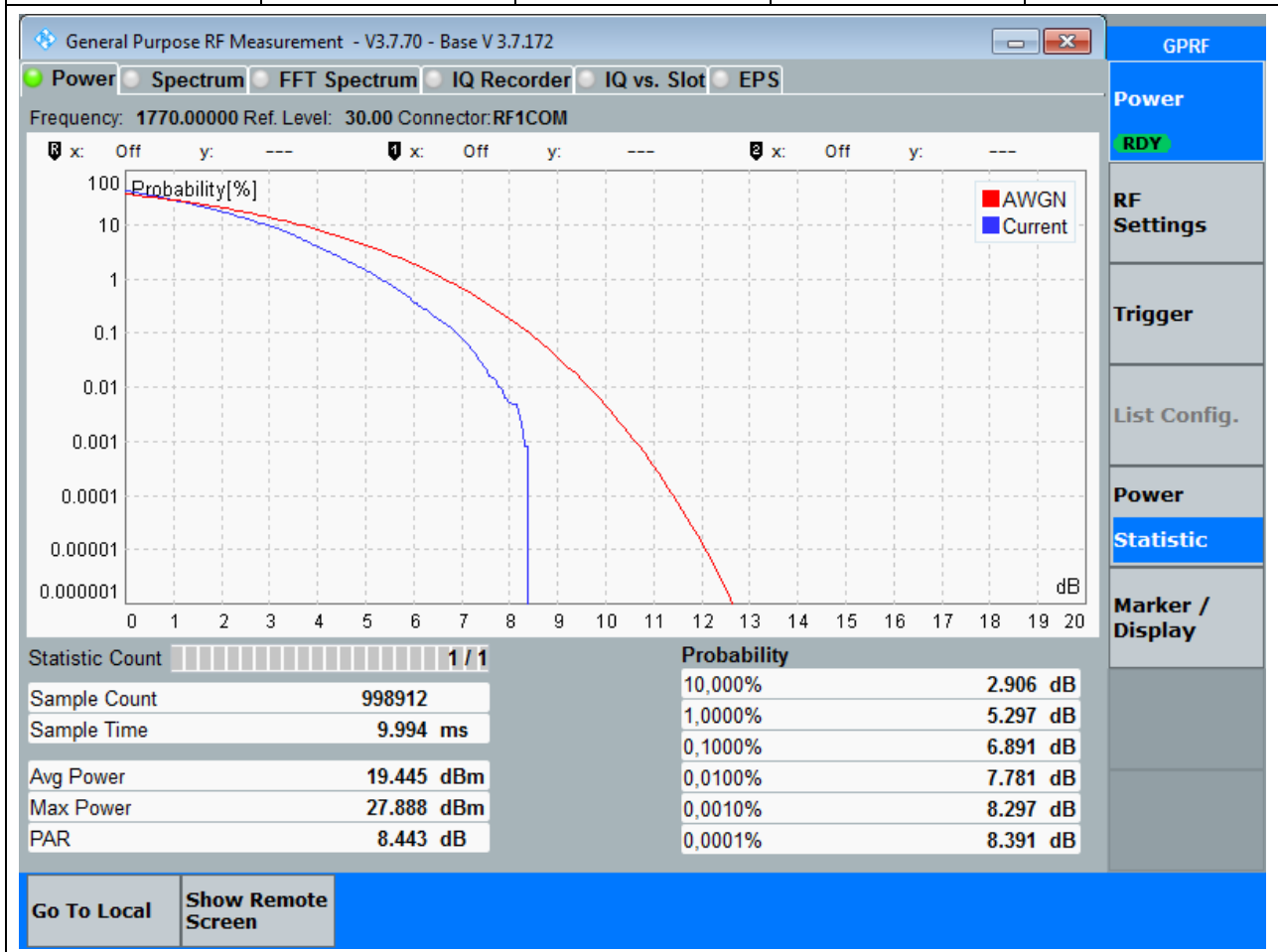
**8.29. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	6.94	13	Pass



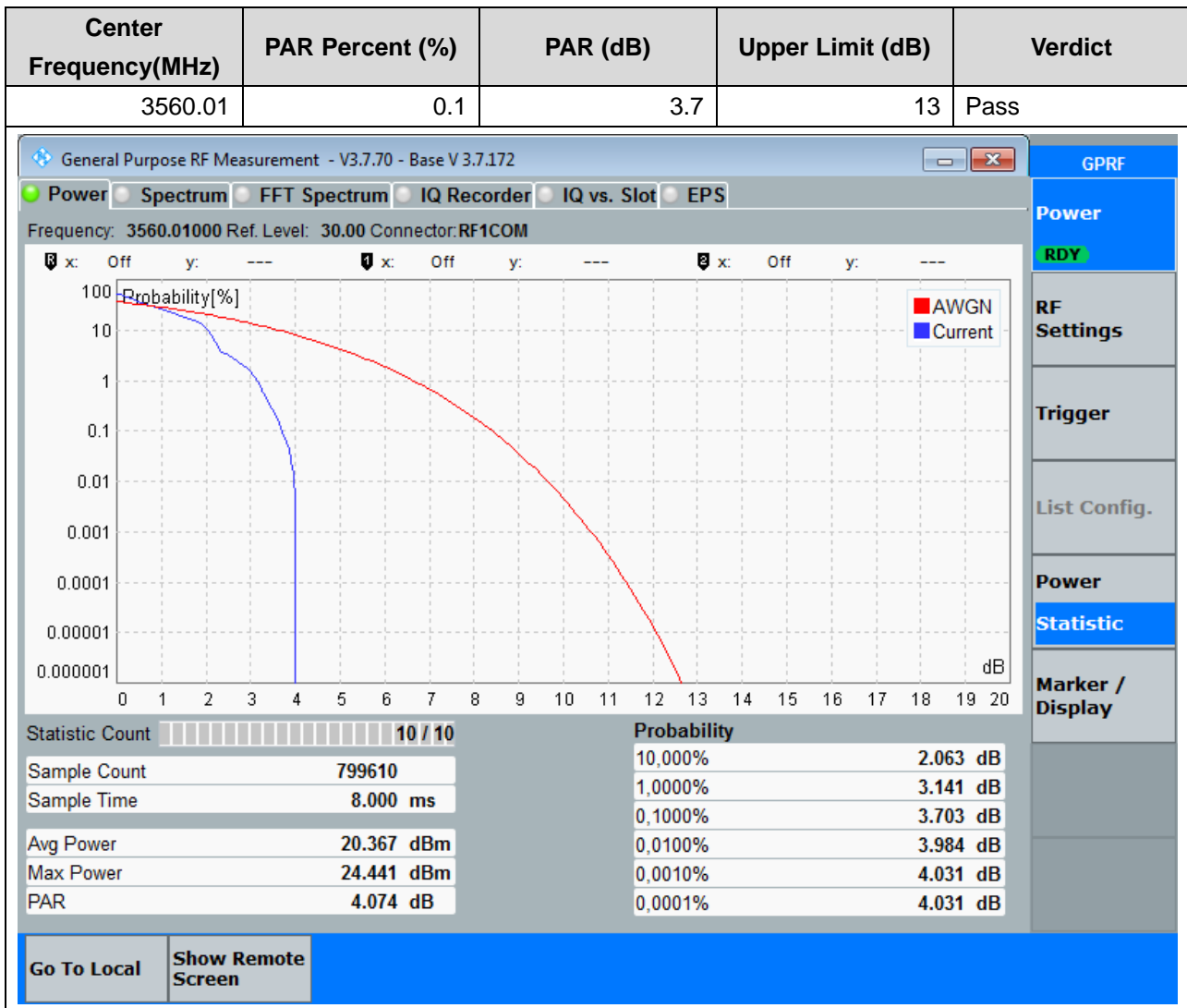
**8.30. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	6.89	13	Pass



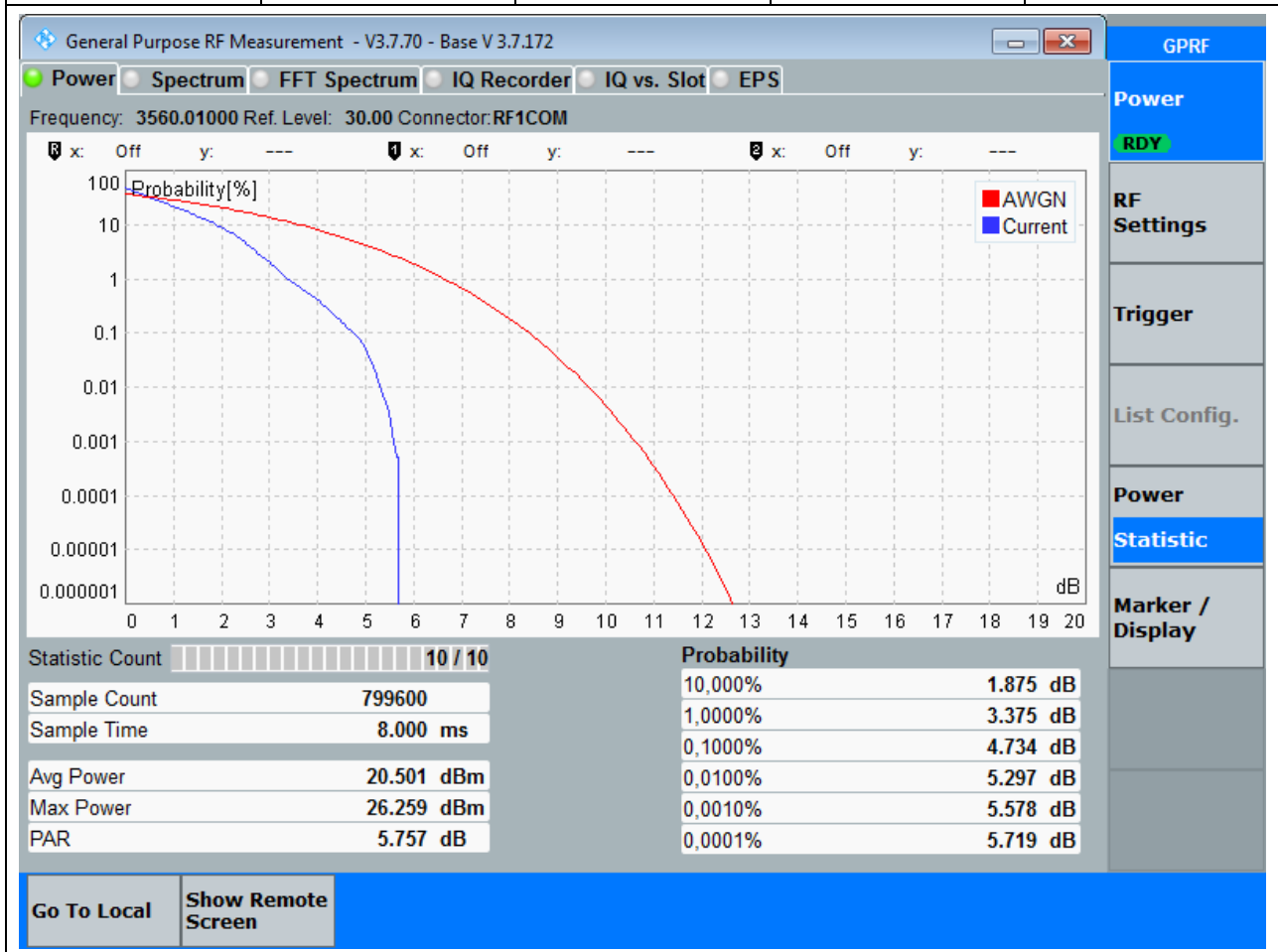
## 9. n48 30kHz

9.1. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



**9.2. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	0.1	4.73	13	Pass



**9.3. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	0.1	5.16	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: 3560.01000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power **RDY**

RF Settings

Trigger

List Config.

Power

**Statistic**

Marker / Display

Statistic Count	
Sample Count	799600
Sample Time	8.000 ms
Avg Power	19.891 dBm
Max Power	25.178 dBm
PAR	5.287 dB

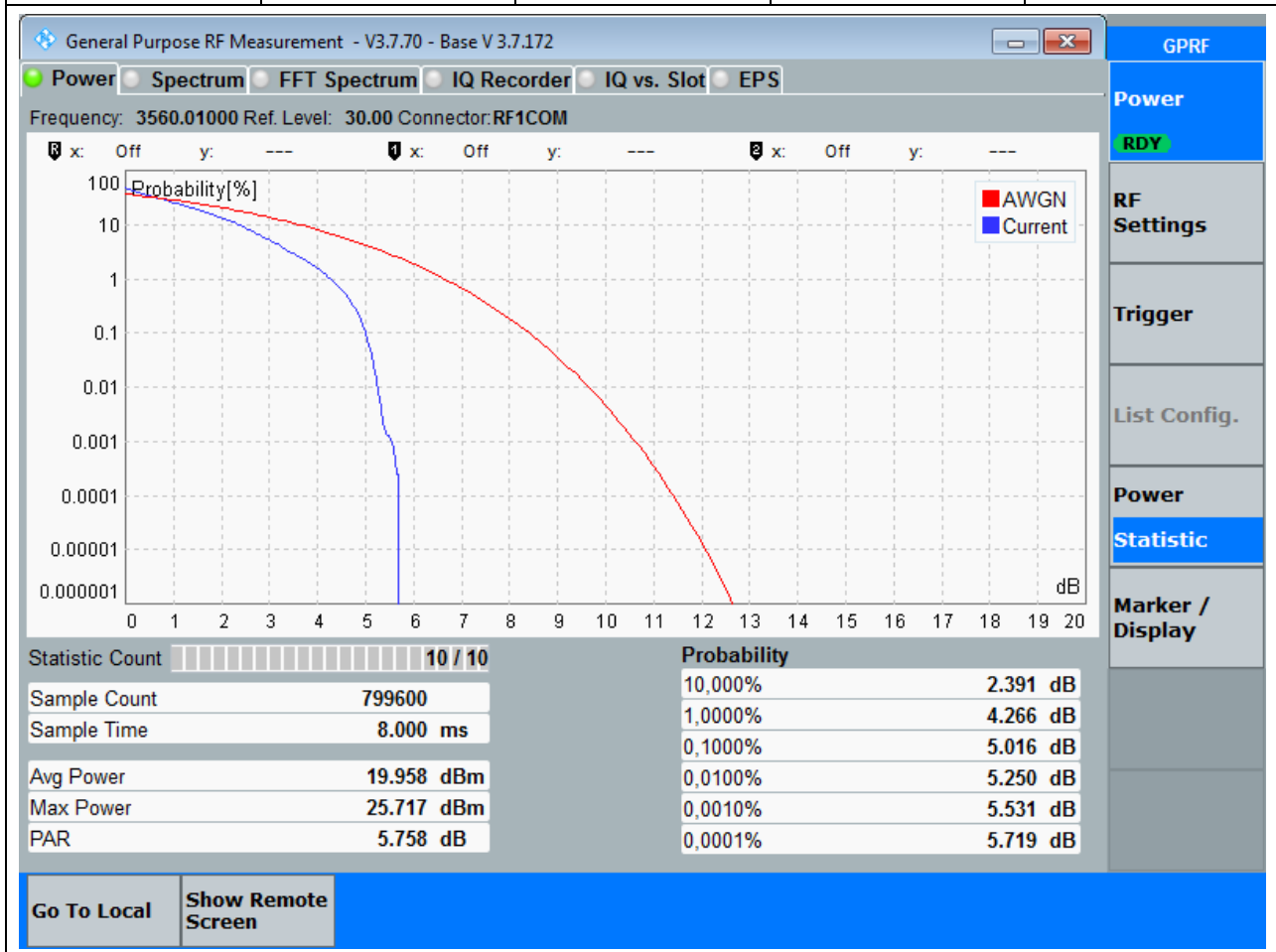
Probability	
10,000%	2.391 dB
1,0000%	5.063 dB
0,1000%	5.156 dB
0,0100%	5.203 dB
0,0010%	5.250 dB
0,0001%	5.250 dB

Go To Local
Show Remote Screen



**9.4. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	0.1	5.02	13	Pass



**9.5. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	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

**Power**  
RDY

Frequency: 3560.01000 Ref. Level: 30.00 Connector: RF1COM

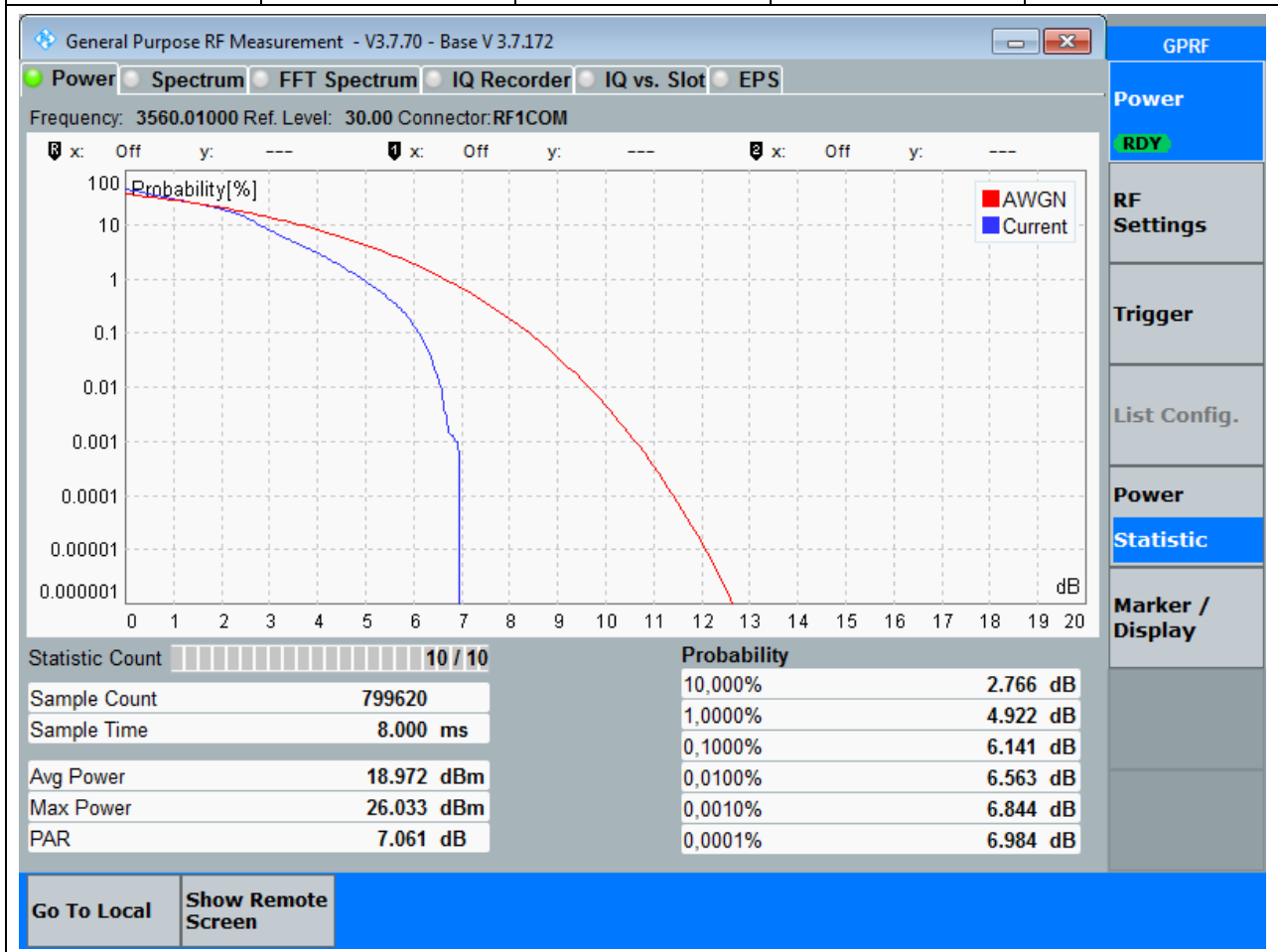
x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count		Probability	
Sample Count	799600	10,000%	2.672 dB
Sample Time	8.000 ms	1,0000%	5.016 dB
Avg Power	18.815 dBm	0,1000%	6.234 dB
Max Power	25.344 dBm	0,0100%	6.469 dB
PAR	6.530 dB	0,0010%	6.469 dB
		0,0001%	6.469 dB

Go To Local
Show Remote Screen

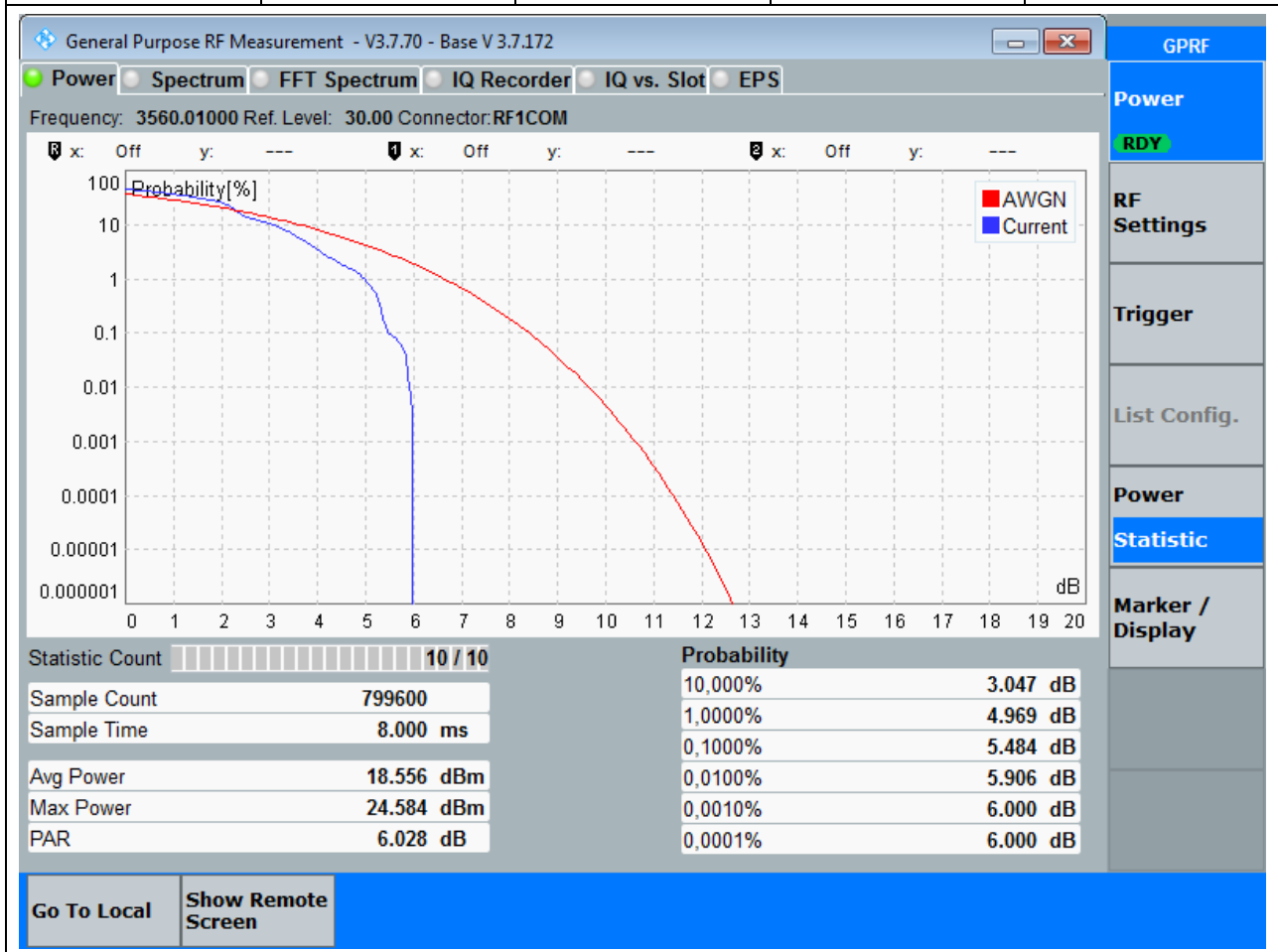
**9.6. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	0.1	6.14	13	Pass



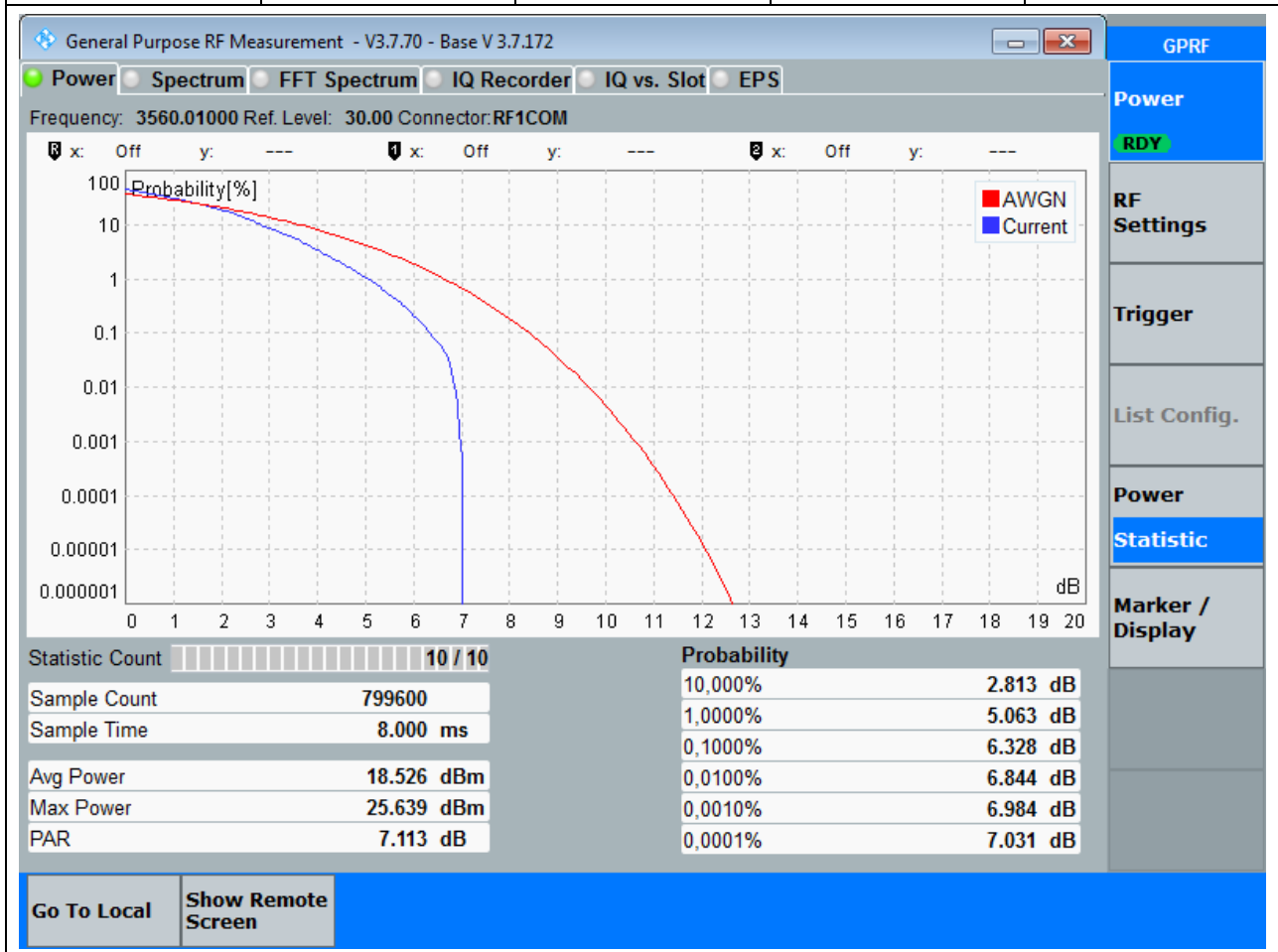
**9.7. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	0.1	5.48	13	Pass



**9.8. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	0.1	6.33	13	Pass



**9.9. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	0.1	6.37	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: 3560.01000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count <span style="float: right;">10 / 10</span>		Probability	
Sample Count	799600	10,000%	3.141 dB
Sample Time	8.000 ms	1,0000%	5.438 dB
Avg Power	16.259 dBm	0,1000%	6.375 dB
Max Power	22.821 dBm	0,0100%	6.469 dB
PAR	6.563 dB	0,0010%	6.516 dB
		0,0001%	6.563 dB

Go To Local
Show Remote Screen

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

**9.10. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:637334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3560.01	0.1	6.75	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: 3560.01000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

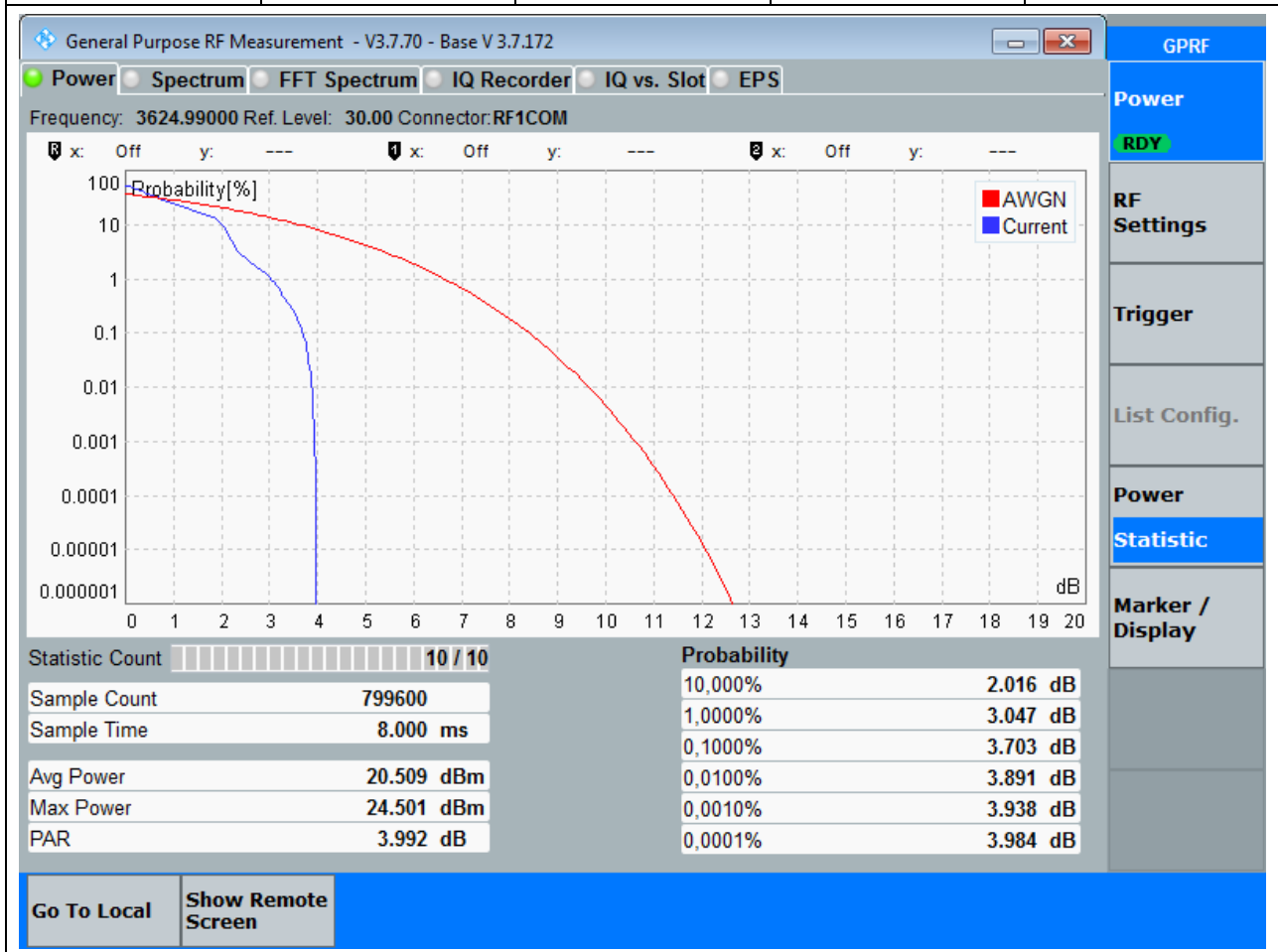
Statistic Count	
Sample Count	799600
Sample Time	8.000 ms
Avg Power	16.482 dBm
Max Power	25.014 dBm
PAR	8.532 dB

Probability	
10,000%	2.859 dB
1,0000%	5.109 dB
0,1000%	6.750 dB
0,0100%	7.969 dB
0,0010%	8.438 dB
0,0001%	8.484 dB

Go To Local
Show Remote Screen

**9.11. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)**

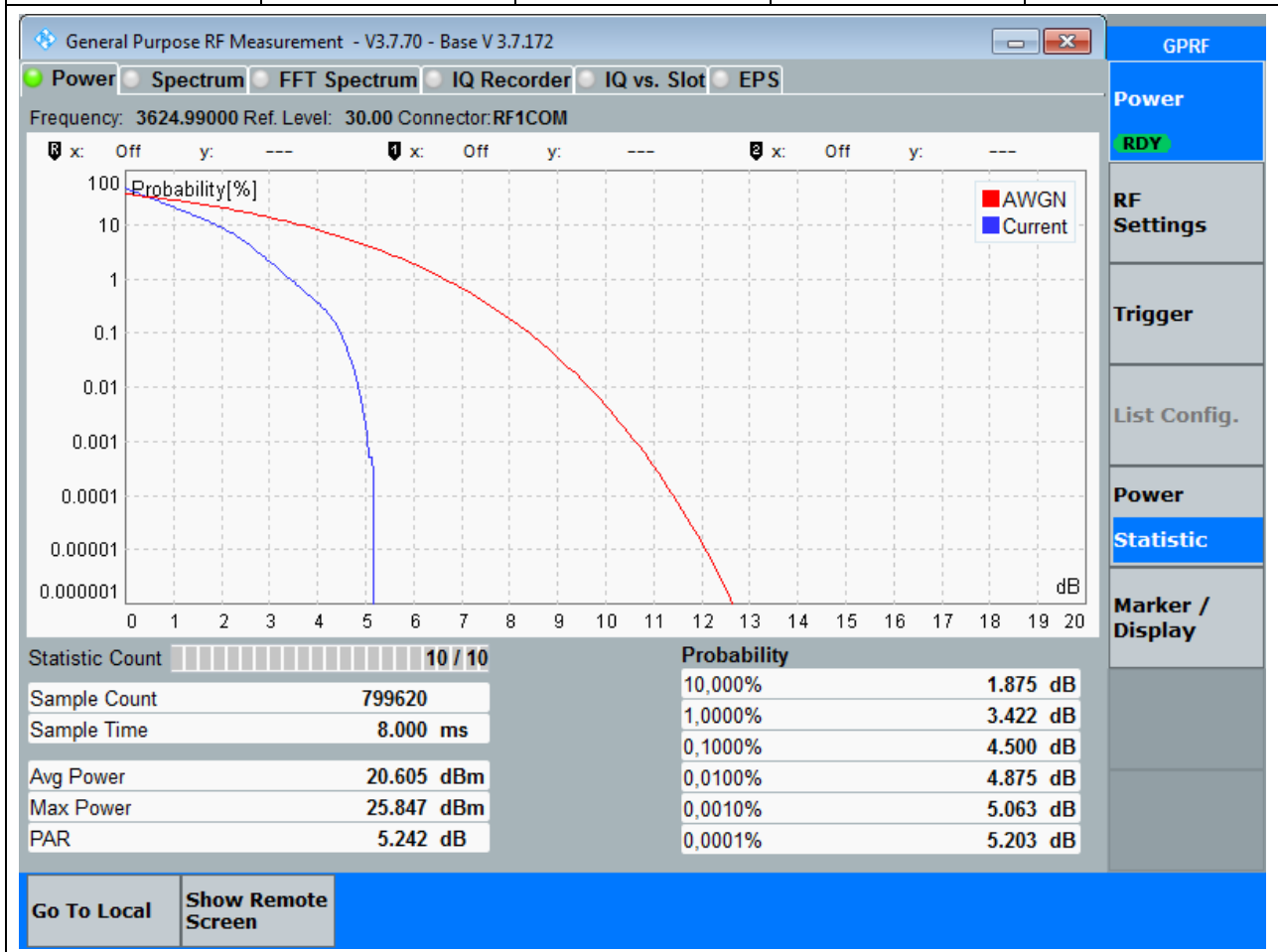
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	3.7	13	Pass





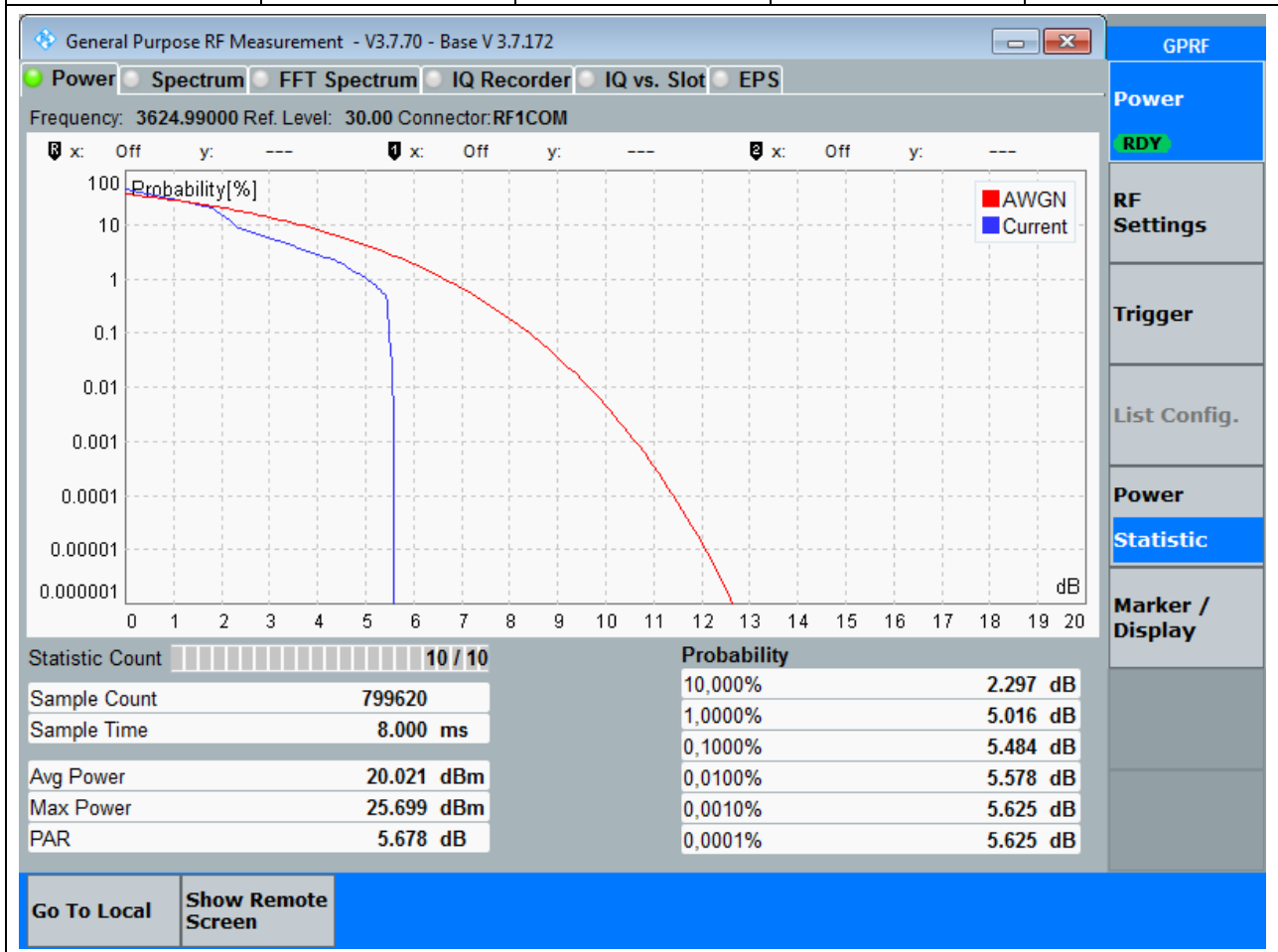
**9.12. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	4.5	13	Pass



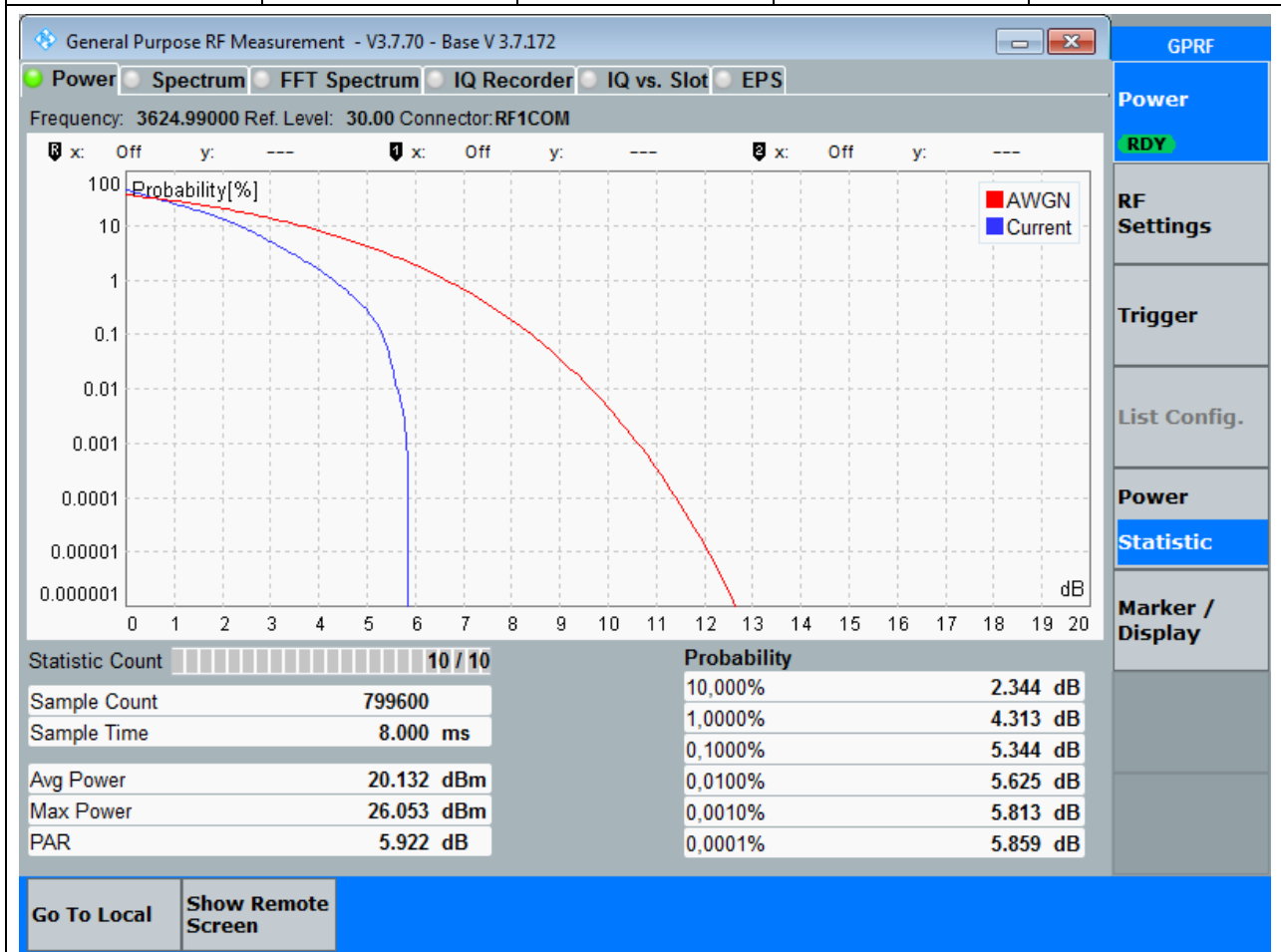
**9.13. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	5.48	13	Pass



**9.14. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	5.34	13	Pass



**9.15. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	6.7	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: 3624.99000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Statistic Count	
Sample Count	799600
Sample Time	8.000 ms
Avg Power	19.020 dBm
Max Power	25.909 dBm
PAR	6.889 dB

Probability	
10,000%	2.766 dB
1,0000%	5.578 dB
0,1000%	6.703 dB
0,0100%	6.844 dB
0,0010%	6.844 dB
0,0001%	6.844 dB

Go To Local
Show Remote Screen

**9.16. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	6.14	13	Pass

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

Power  Spectrum  FFT Spectrum  IQ Recorder  IQ vs. Slot  EPS

Frequency: 3624.99000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

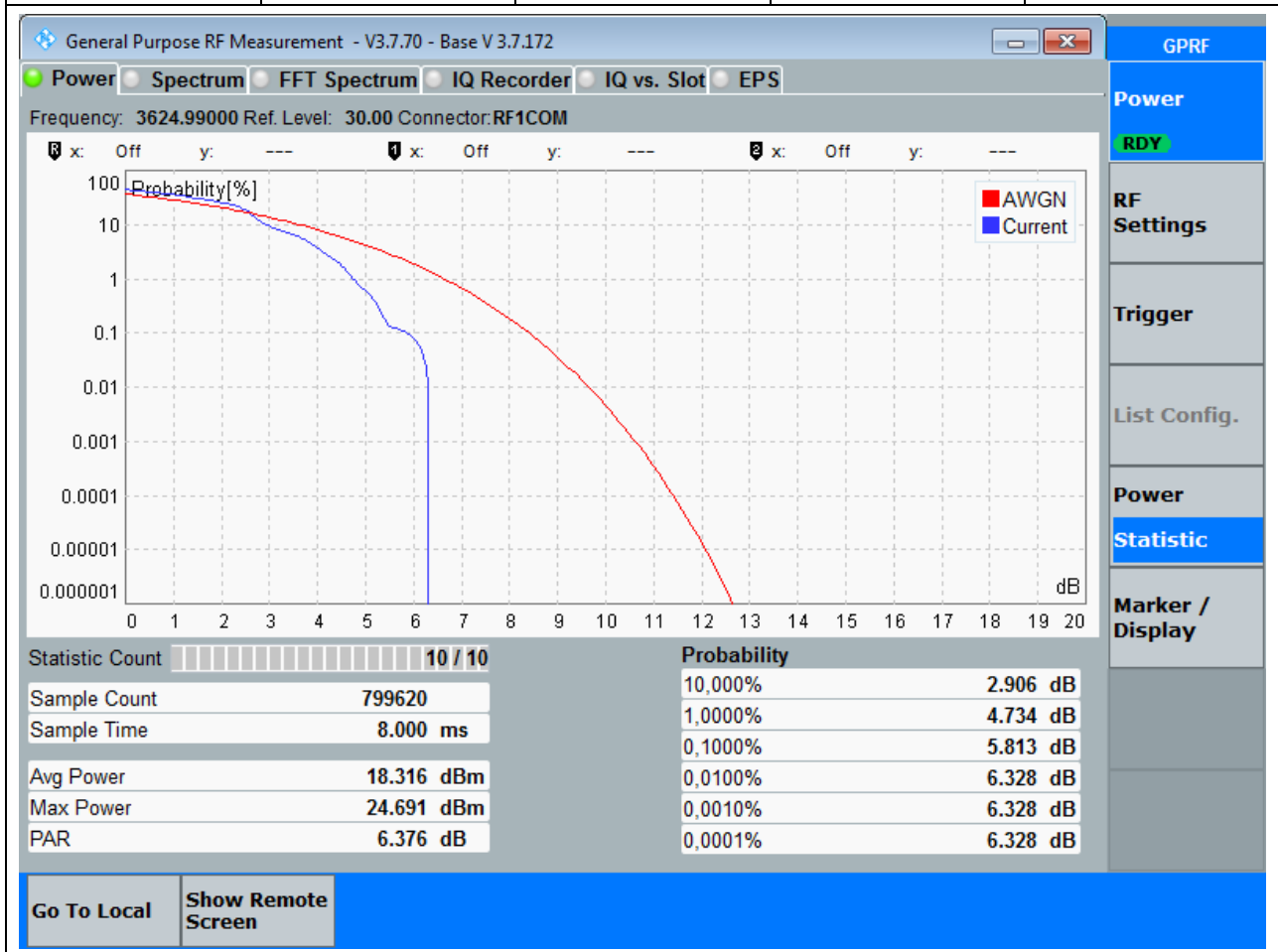
Statistic Count	
Sample Count	799620
Sample Time	8.000 ms
Avg Power	19.179 dBm
Max Power	26.258 dBm
PAR	7.078 dB

Probability	
10,000%	2.766 dB
1,0000%	4.828 dB
0,1000%	6.141 dB
0,0100%	6.656 dB
0,0010%	6.891 dB
0,0001%	6.984 dB

Go To Local
Show Remote Screen

**9.17. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	5.81	13	Pass



**9.18. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	6.37	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: 3624.99000 Ref. Level: 30.00 Connector:RF1COM

GPRF

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

Legend: AWGN (red), Current (blue)

Statistic Count		Probability	
Sample Count	799600	10,000%	2.813 dB
Sample Time	8.000 ms	1,0000%	5.016 dB
Avg Power	18.657 dBm	0,1000%	6.375 dB
Max Power	26.017 dBm	0,0100%	7.078 dB
PAR	7.359 dB	0,0010%	7.219 dB
		0,0001%	7.313 dB

10 / 10

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

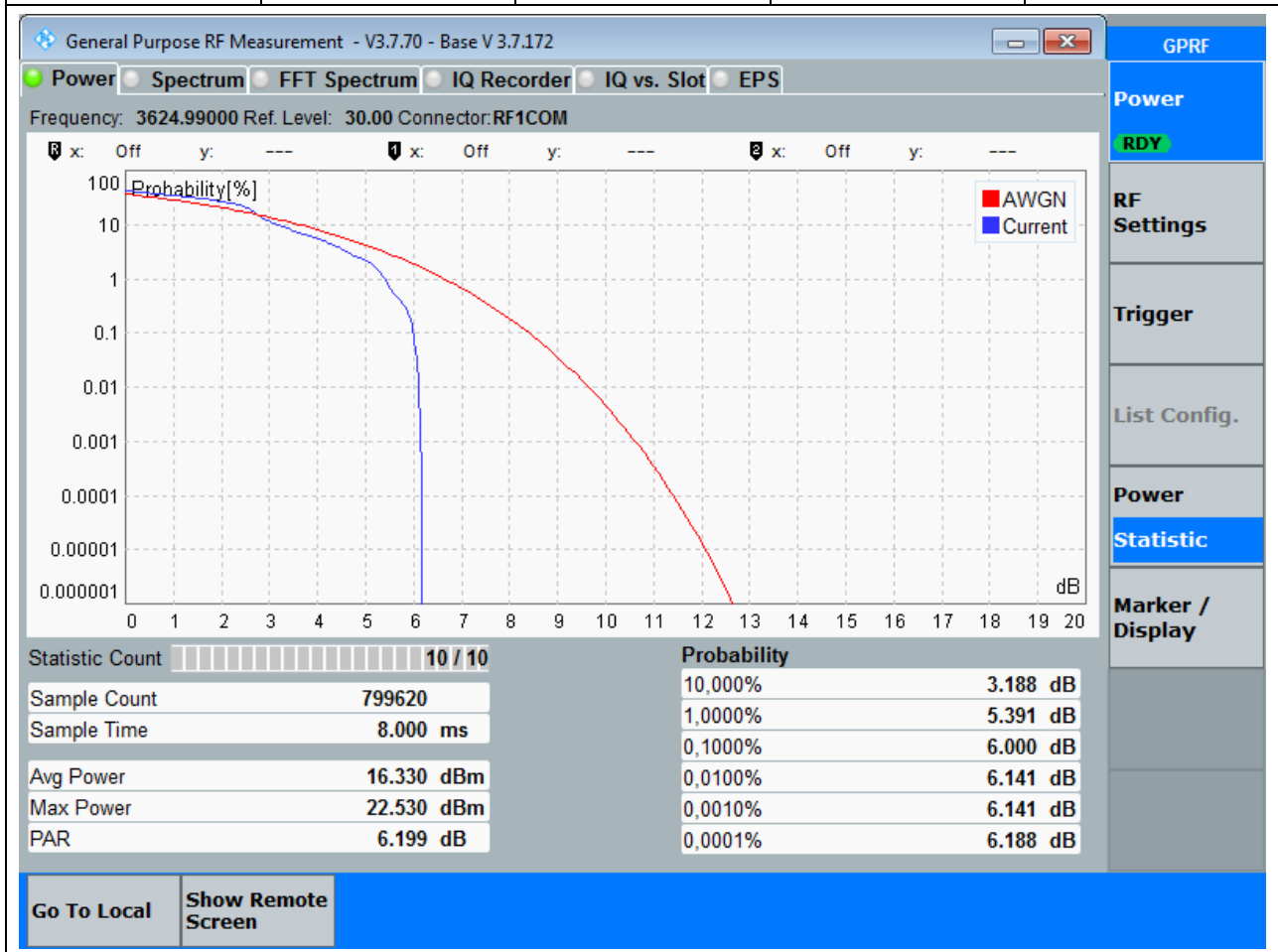
Power

Statistic

Marker / Display

**9.19. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

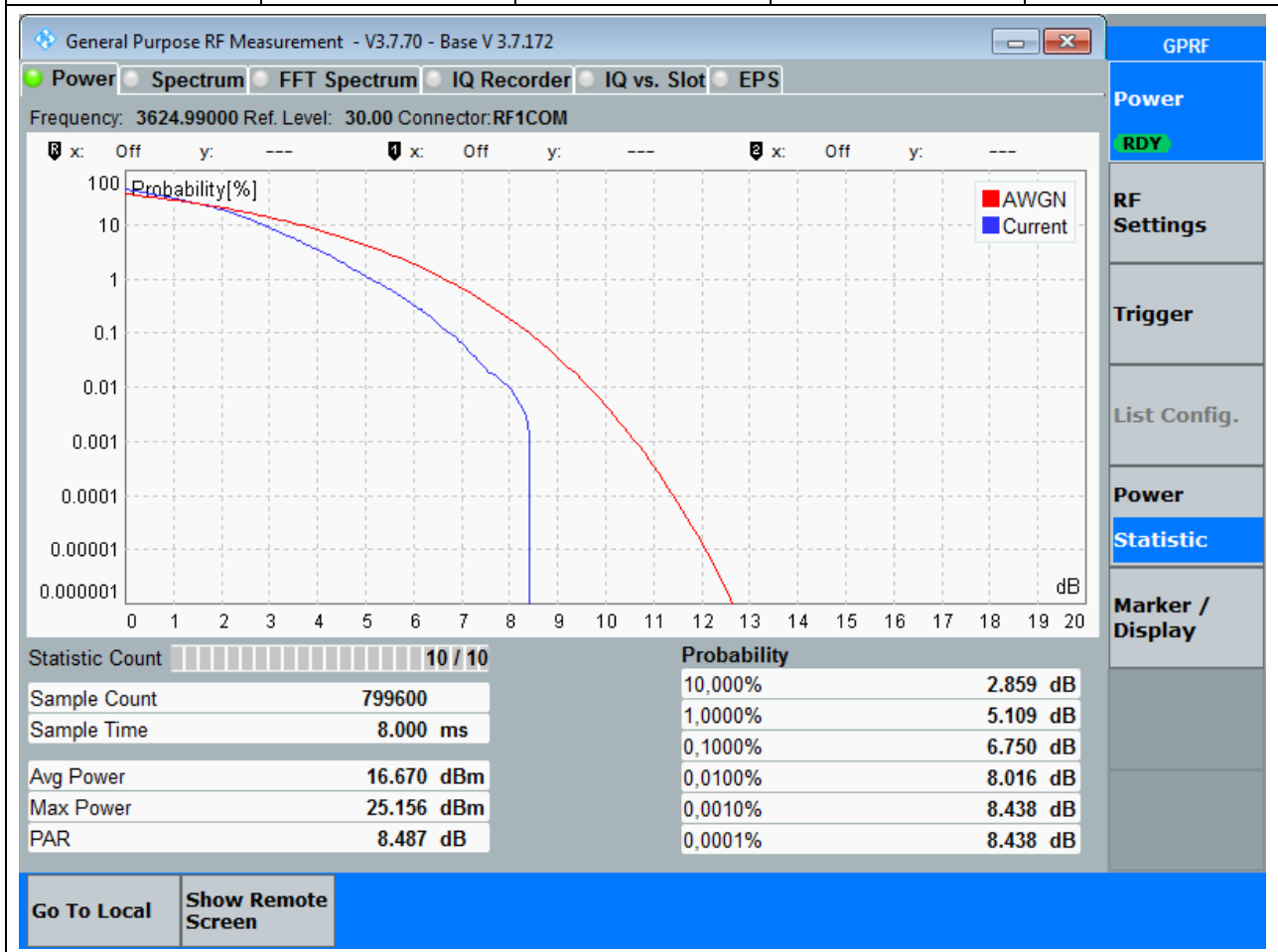
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	6	13	Pass





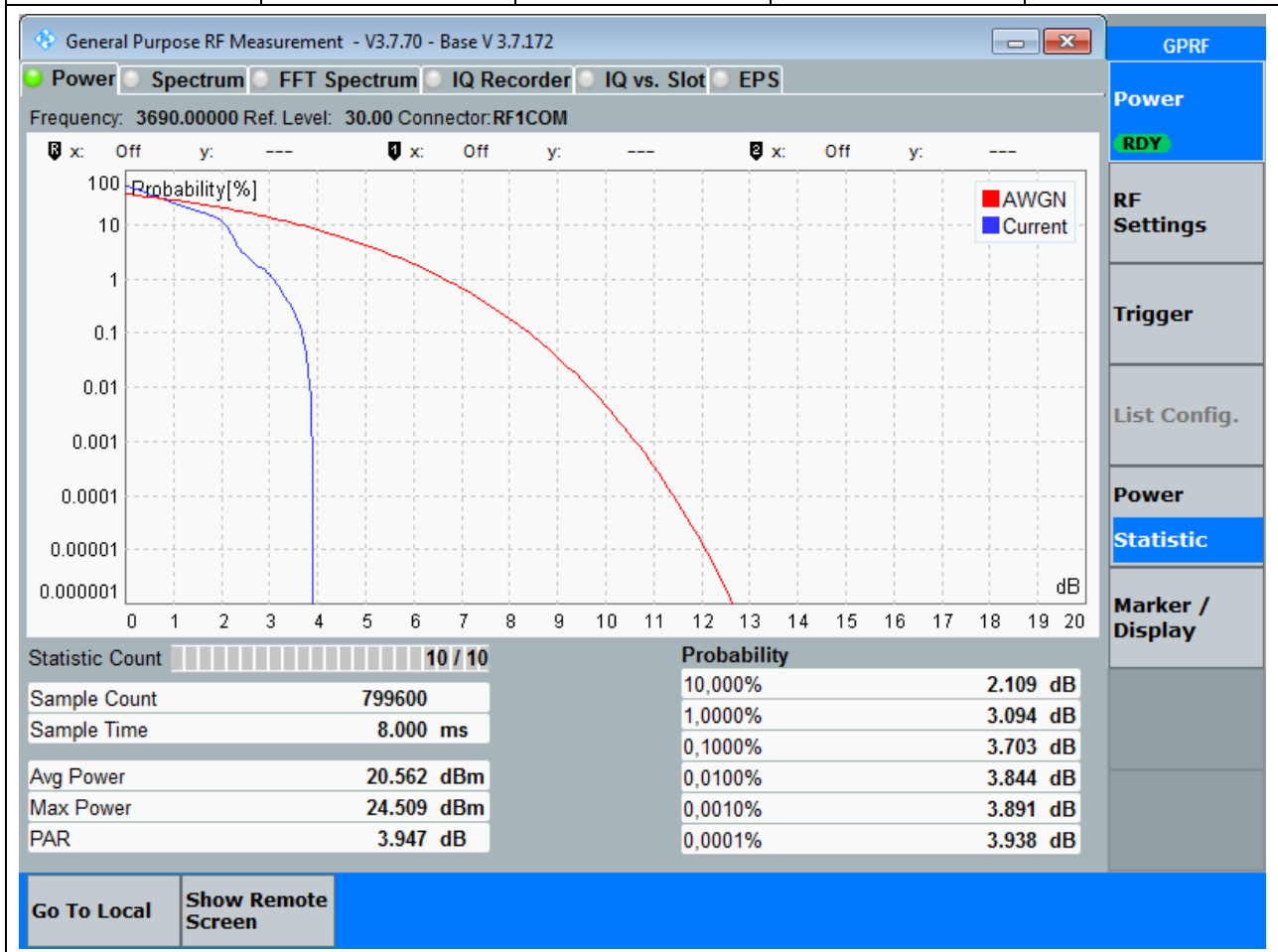
**9.20. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:641666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3624.99	0.1	6.75	13	Pass



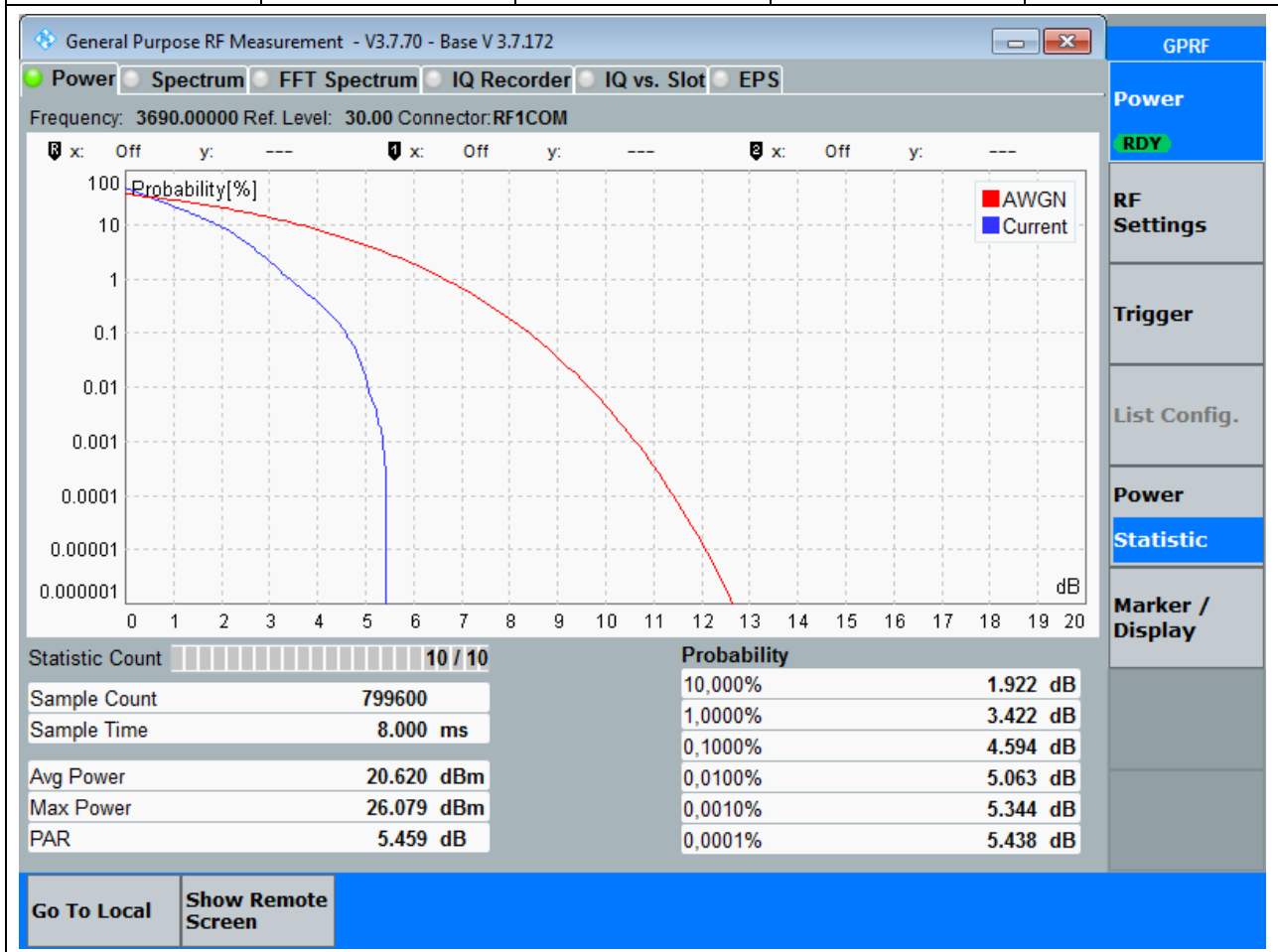
**9.21. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	3.7	13	Pass



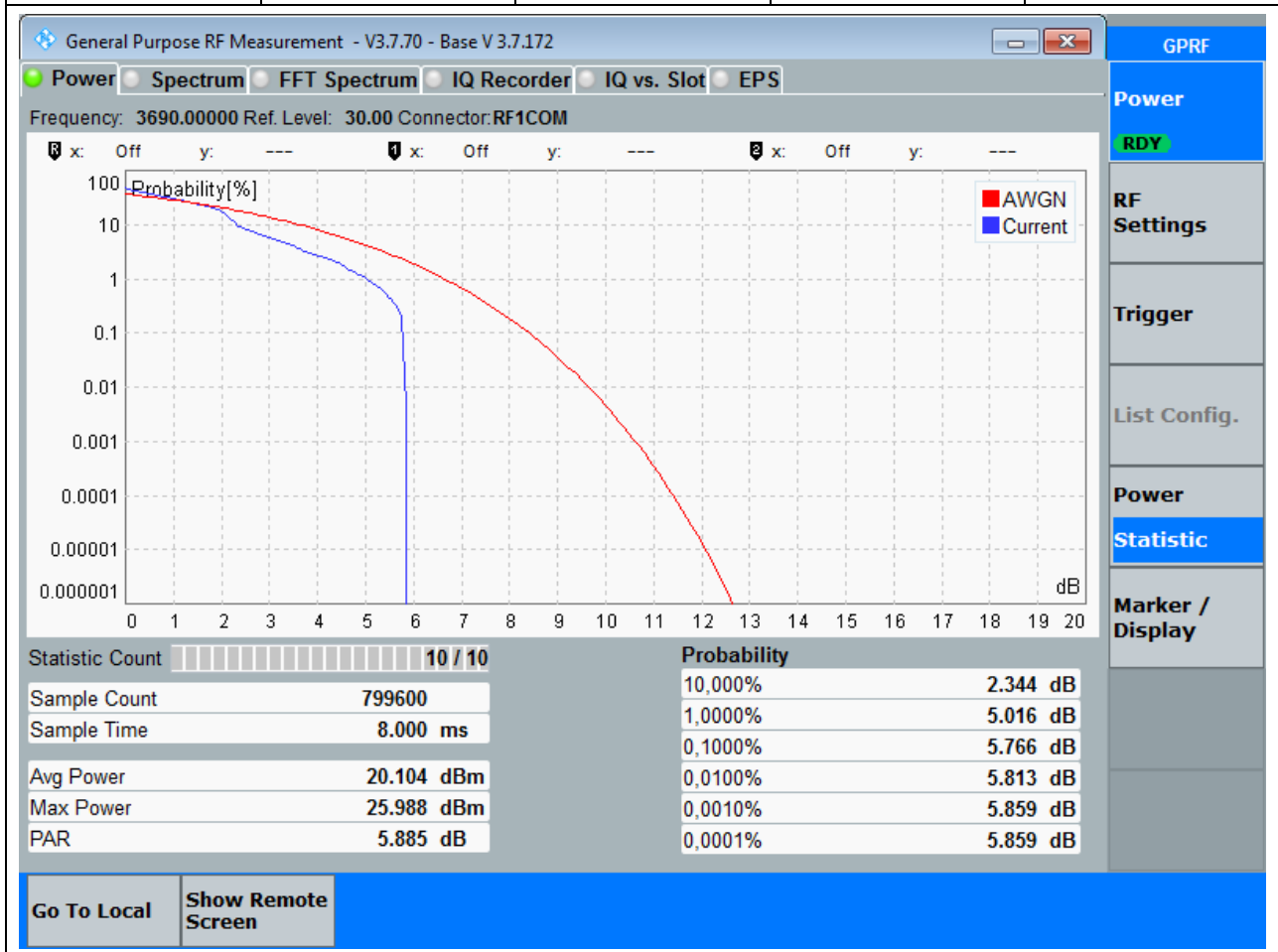
**9.22. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	4.59	13	Pass



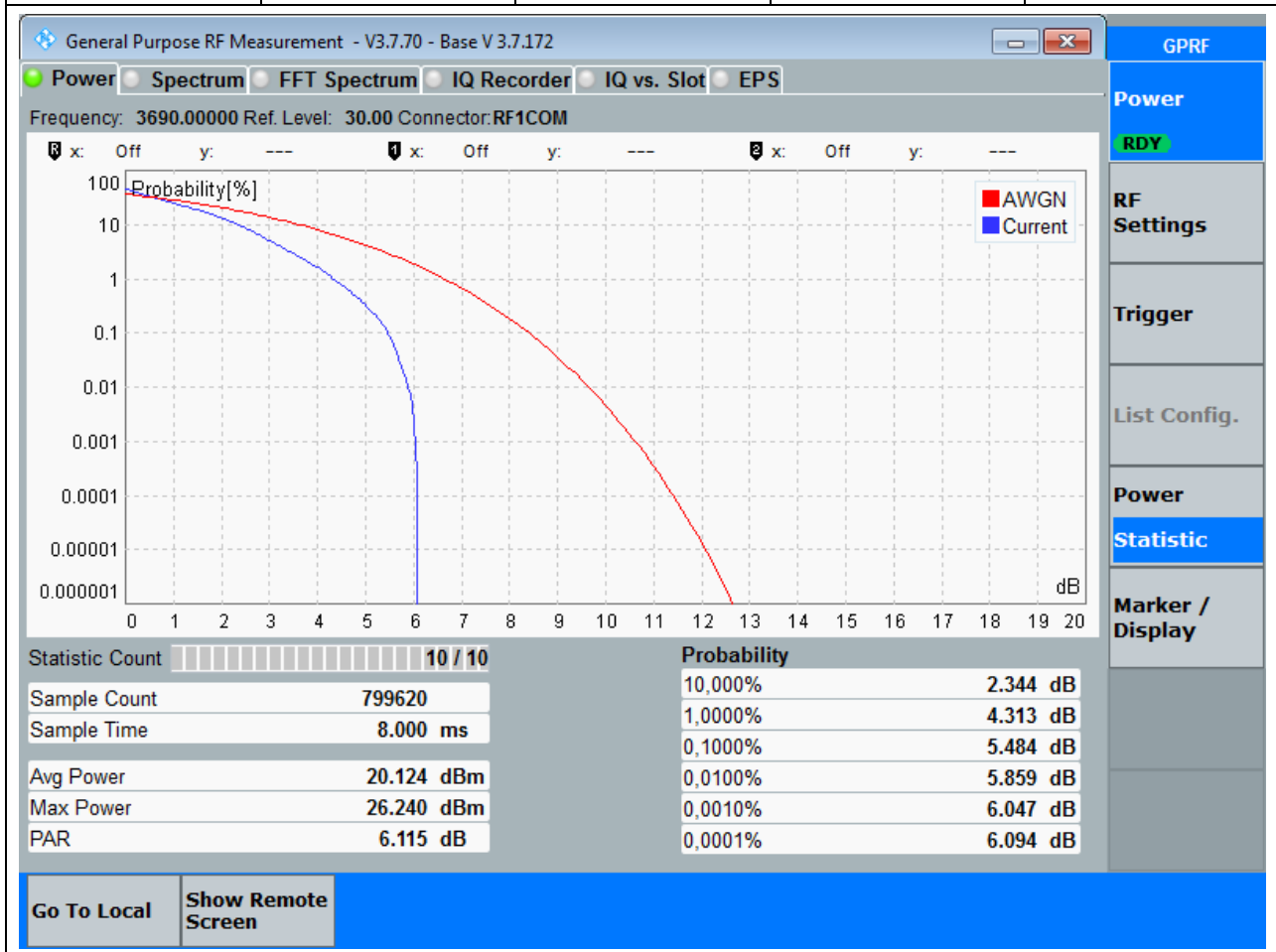
**9.23. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	5.77	13	Pass



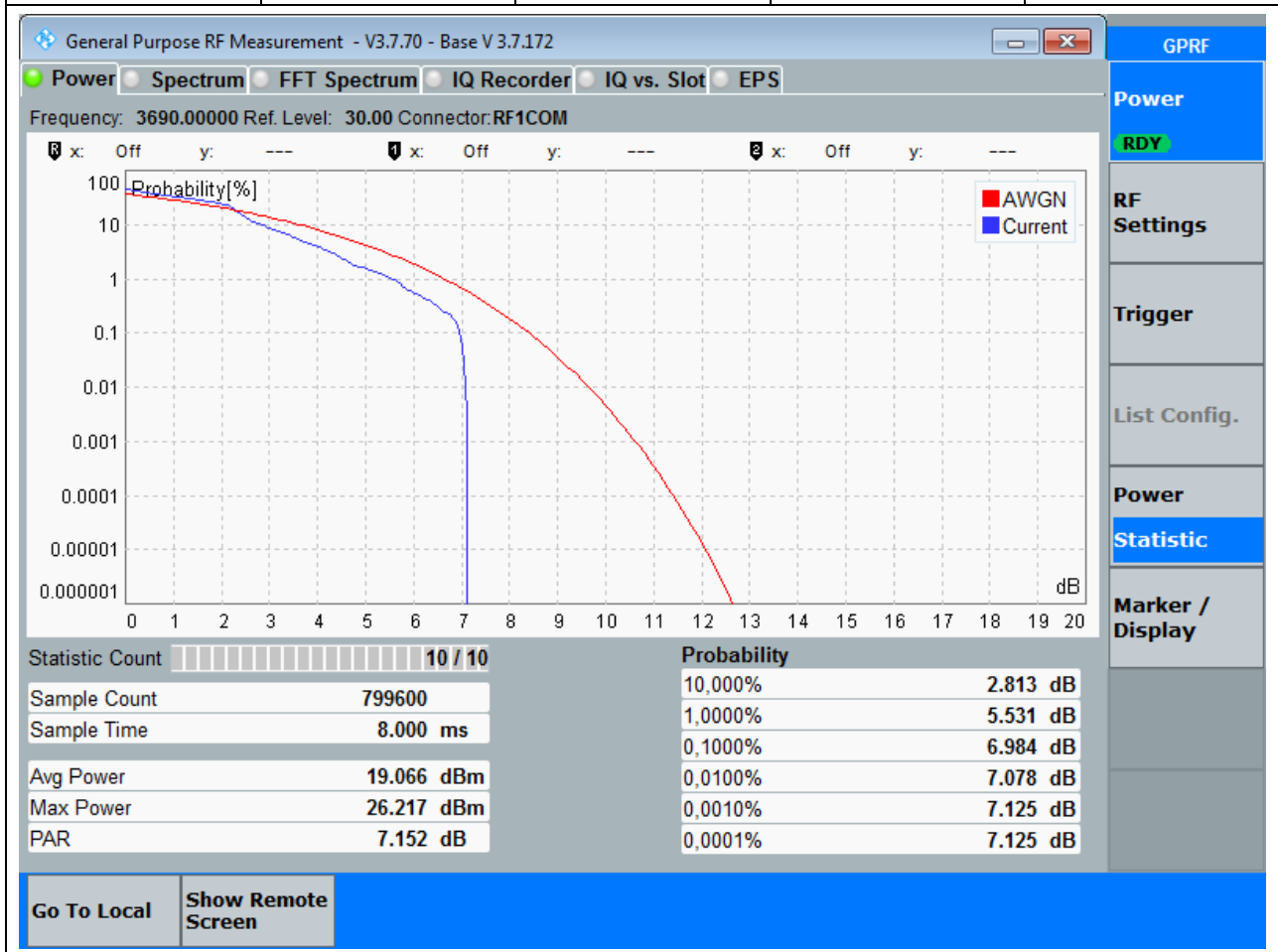
**9.24. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	5.48	13	Pass



**9.25. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	6.98	13	Pass



**9.26. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	6.33	13	Pass

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

Power  Spectrum  FFT Spectrum  IQ Recorder  IQ vs. Slot  EPS

Frequency: 3690.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Probability[%]

dB

Statistic Count	
Sample Count	799620
Sample Time	8.000 ms
Avg Power	19.091 dBm
Max Power	26.708 dBm
PAR	7.617 dB

Probability	
10,000%	2.766 dB
1,0000%	4.875 dB
0,1000%	6.328 dB
0,0100%	6.984 dB
0,0010%	7.313 dB
0,0001%	7.500 dB

Go To Local
Show Remote Screen

**9.27. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	5.77	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: 3690.00000 Ref. Level: 30.00 Connector:RF1COM
RDY

RF Settings
Trigger
List Config.
Power
Statistic
Marker / Display

Statistic Count	
Sample Count	799600
Sample Time	8.000 ms
Avg Power	18.350 dBm
Max Power	24.662 dBm
PAR	6.312 dB

Probability	
10,000%	2.953 dB
1,0000%	4.781 dB
0,1000%	5.766 dB
0,0100%	6.234 dB
0,0010%	6.281 dB
0,0001%	6.281 dB

Go To Local
Show Remote Screen



**9.28. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	6.42	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: 3690.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Probability[%]

Legend: AWGN (red), Current (blue)

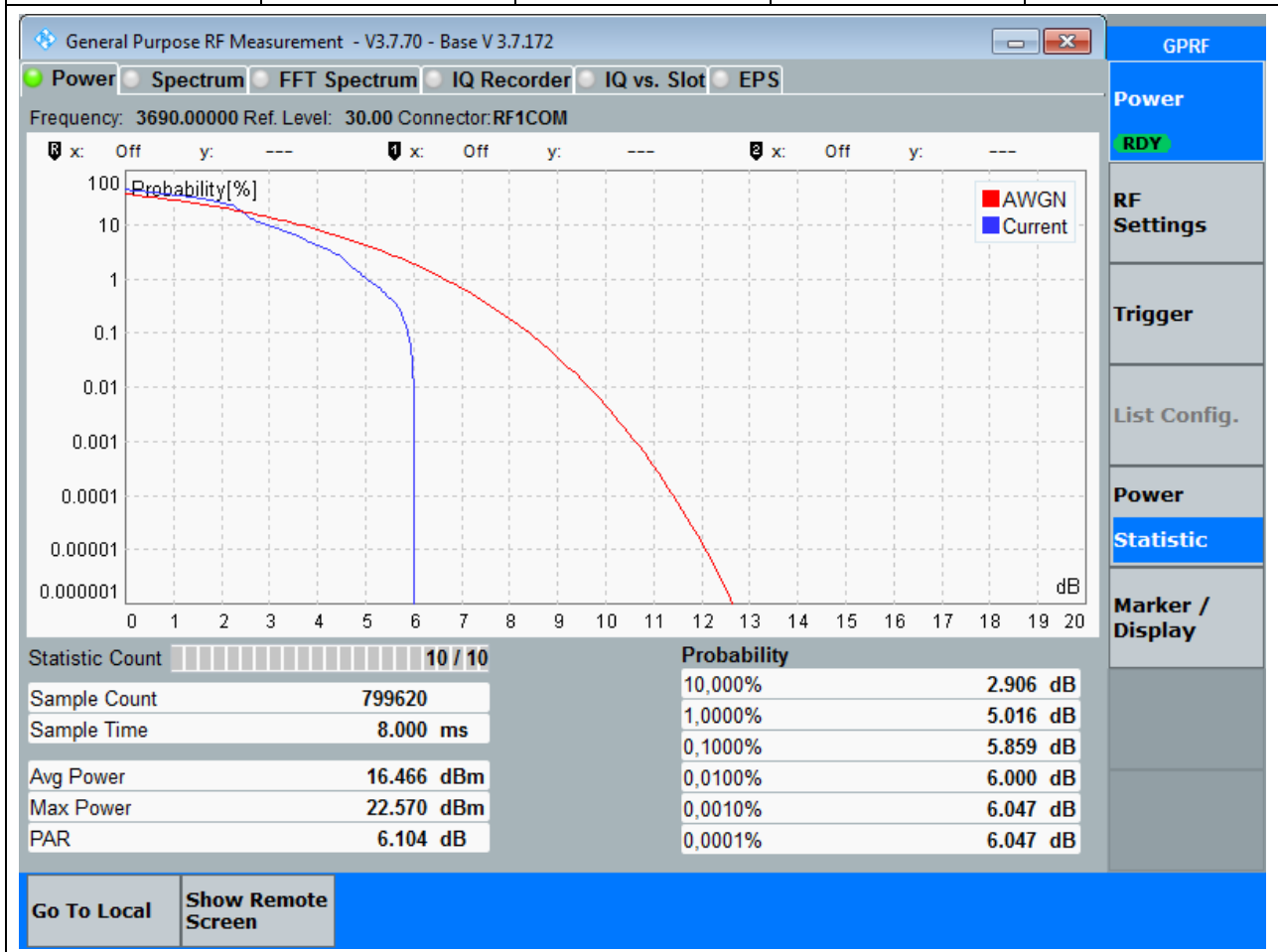
Statistic Count	
Sample Count	799620
Sample Time	8.000 ms
Avg Power	18.649 dBm
Max Power	26.260 dBm
PAR	7.611 dB

Probability	
10,000%	2.859 dB
1,0000%	5.109 dB
0,1000%	6.422 dB
0,0100%	7.266 dB
0,0010%	7.500 dB
0,0001%	7.547 dB

Go To Local
Show Remote Screen

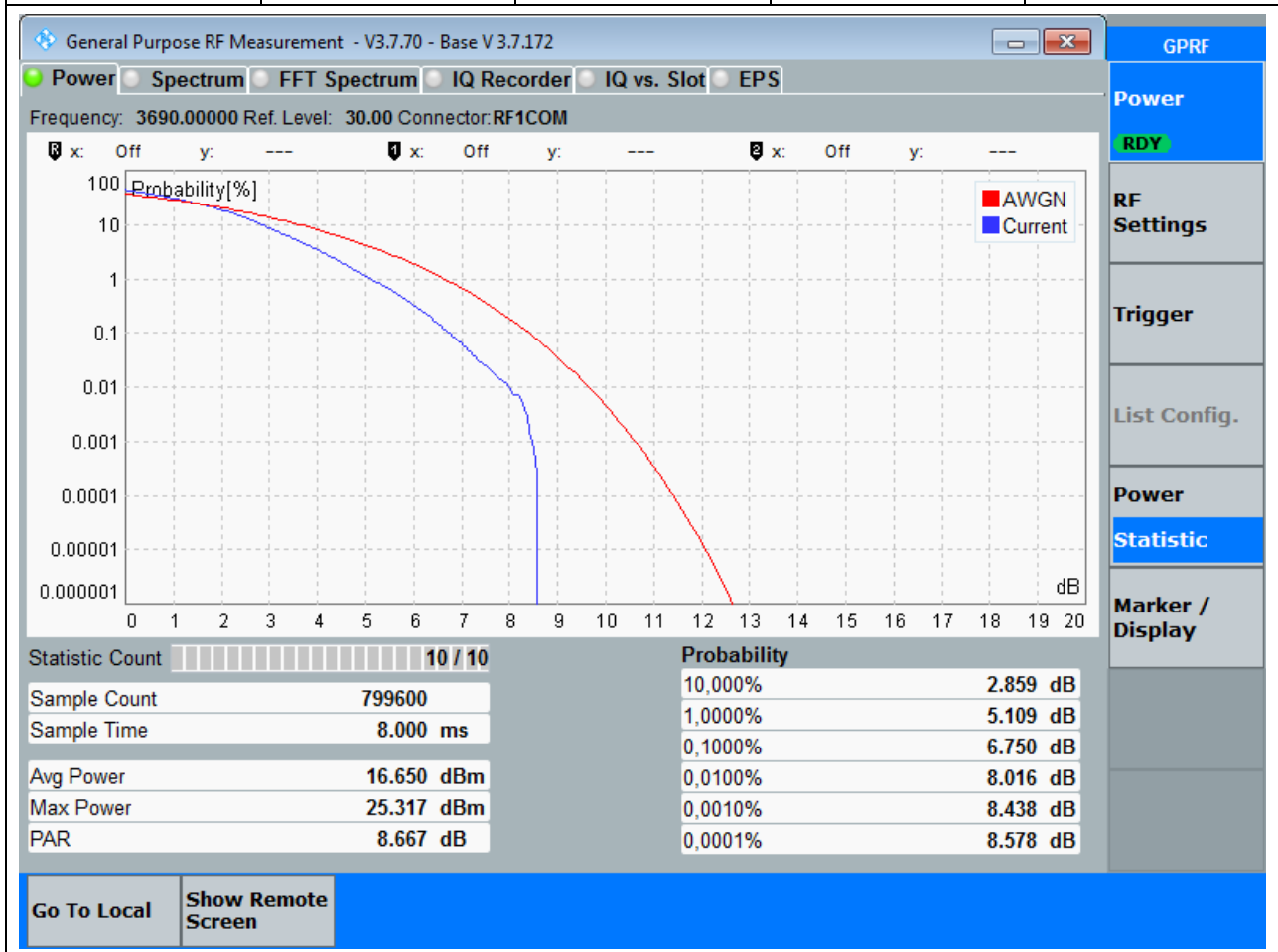
**9.29. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	5.86	13	Pass



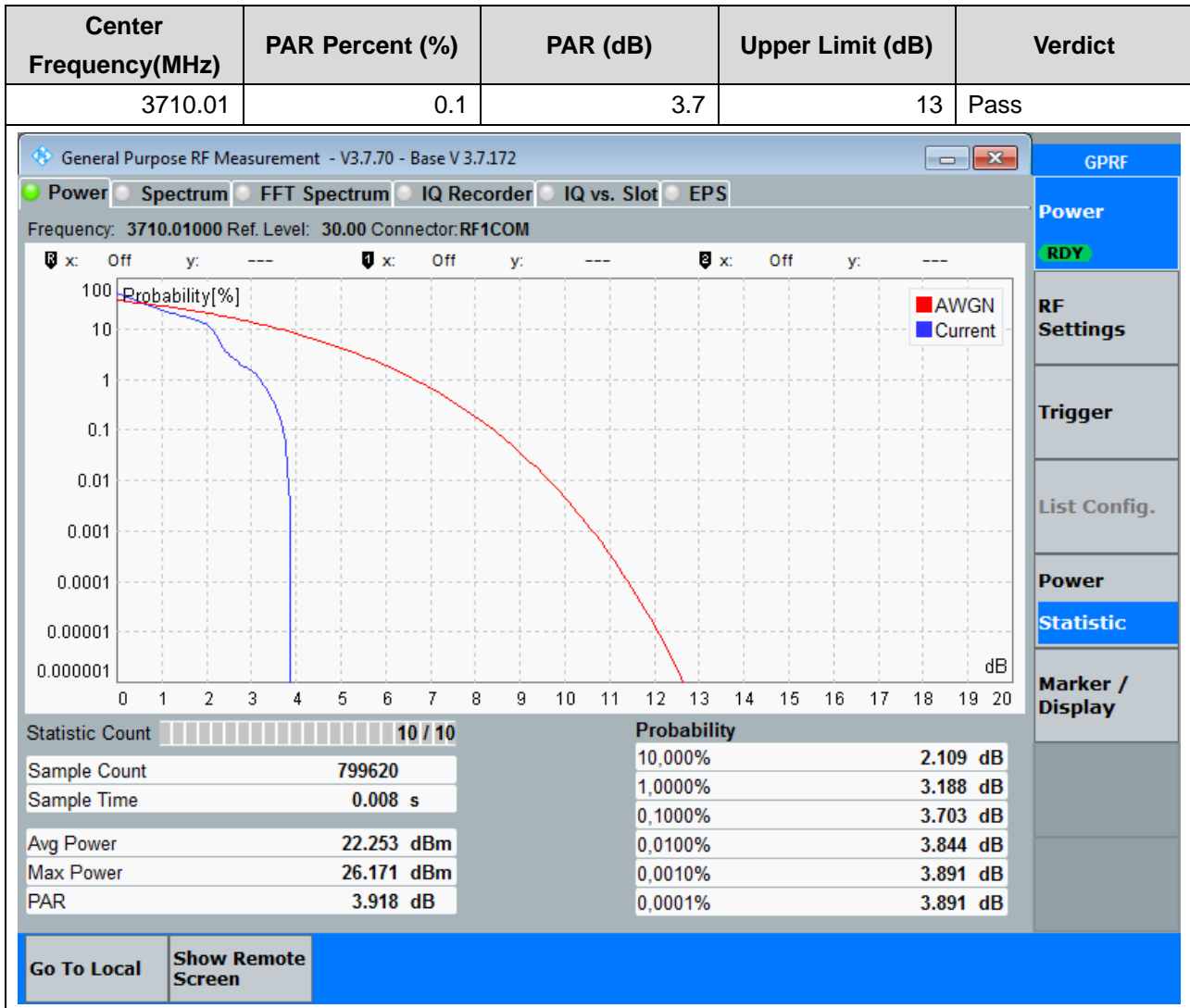
**9.30. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:646000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3690	0.1	6.75	13	Pass



## 2. n77 30kHz(3700-3980)

2.1. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, 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:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	4.27	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: 3710.01000 Ref. Level: 30.00 Connector:RF1COM

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

Statistic Count	Value	Probability	Value
Sample Count	799600	10,000%	1.875 dB
Sample Time	0.008 s	1,0000%	3.234 dB
Avg Power	25.545 dBm	0,1000%	4.266 dB
Max Power	31.560 dBm	0,0100%	4.406 dB
PAR	6.015 dB	0,0010%	4.406 dB
		0,0001%	4.406 dB

Go To Local Show Remote Screen

**2.3. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	5.39	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: 3710.01000 Ref. Level: 30.00 Connector:RF1COM

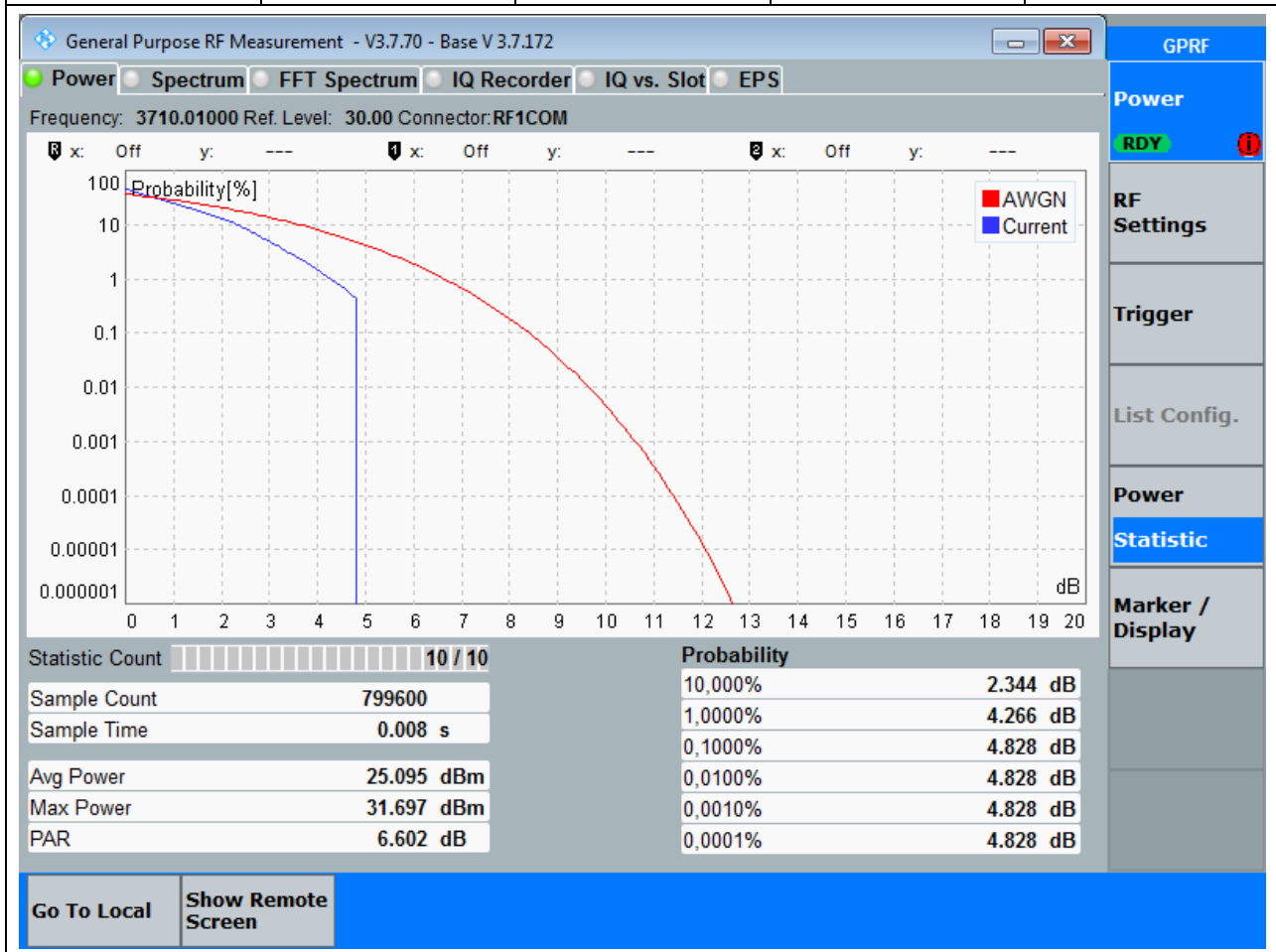
x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count		Probability	
Sample Count	799600	10,000%	2.531 dB
Sample Time	0.008 s	1,0000%	4.547 dB
Avg Power	22.403 dBm	0,1000%	5.391 dB
Max Power	28.053 dBm	0,0100%	5.578 dB
PAR	5.650 dB	0,0010%	5.578 dB
		0,0001%	5.625 dB

Marker / Display

**2.4. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	4.83	13	Pass



**2.5. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.84	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: 3710.01000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count <span style="float: right;">10 / 10</span>		Probability	
Sample Count	799600	10,000%	2.953 dB
Sample Time	0.008 s	1,0000%	5.484 dB
Avg Power	22.306 dBm	0,1000%	6.844 dB
Max Power	29.765 dBm	0,0100%	7.313 dB
PAR	7.458 dB	0,0010%	7.406 dB
		0,0001%	7.406 dB

Go To Local
Show Remote Screen

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

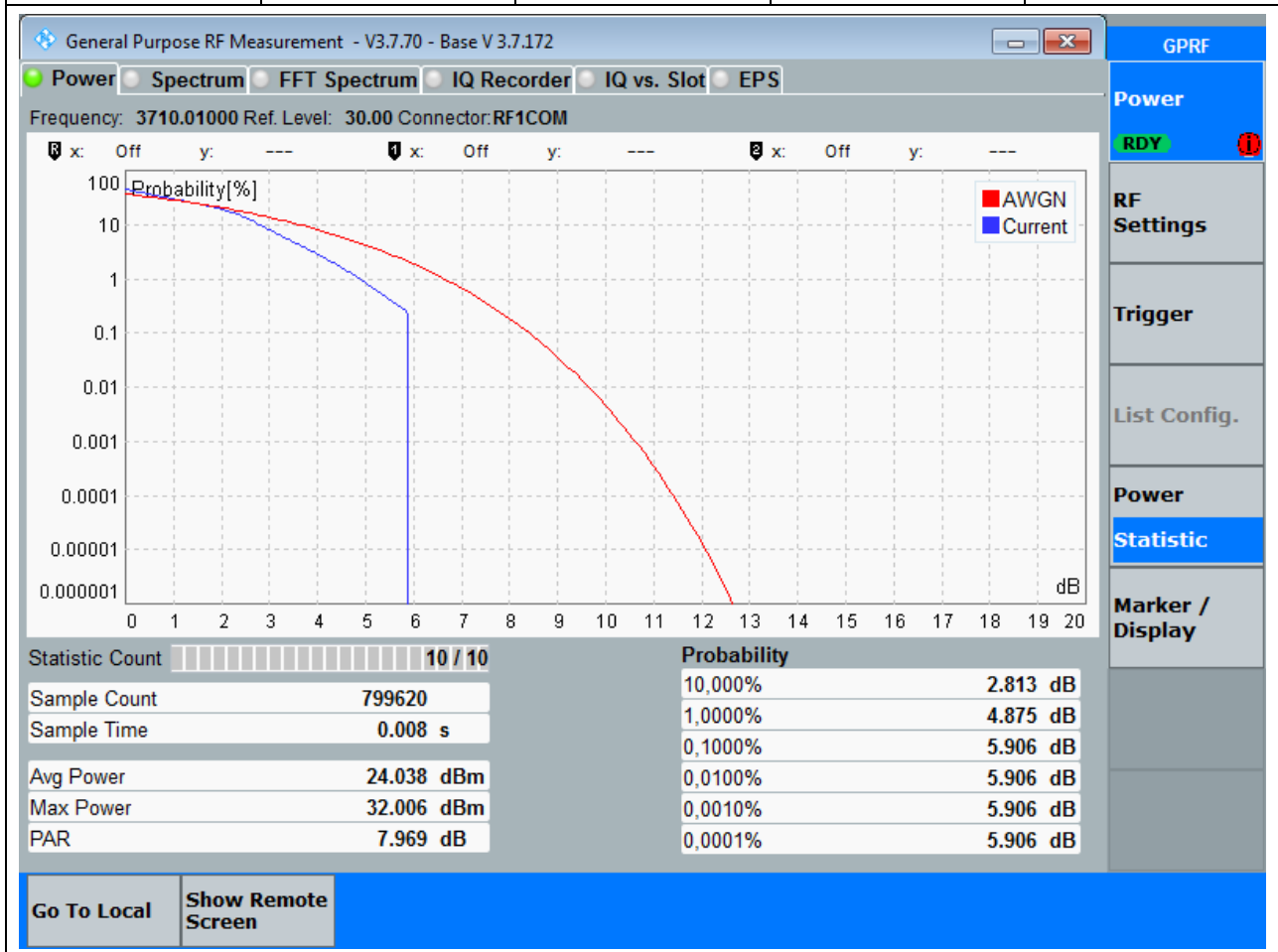
Statistic

Marker / Display



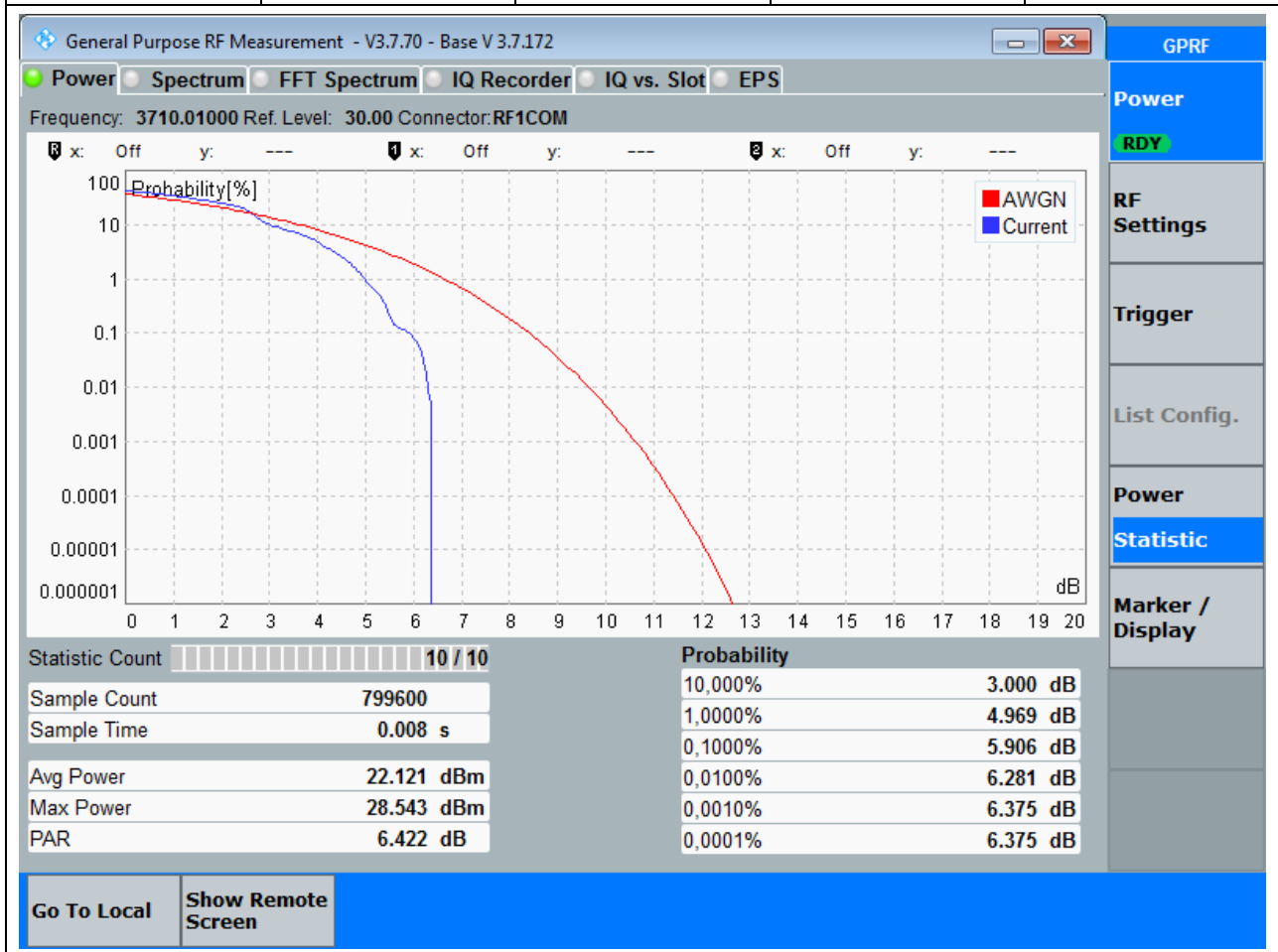
**2.6. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	5.91	13	Pass



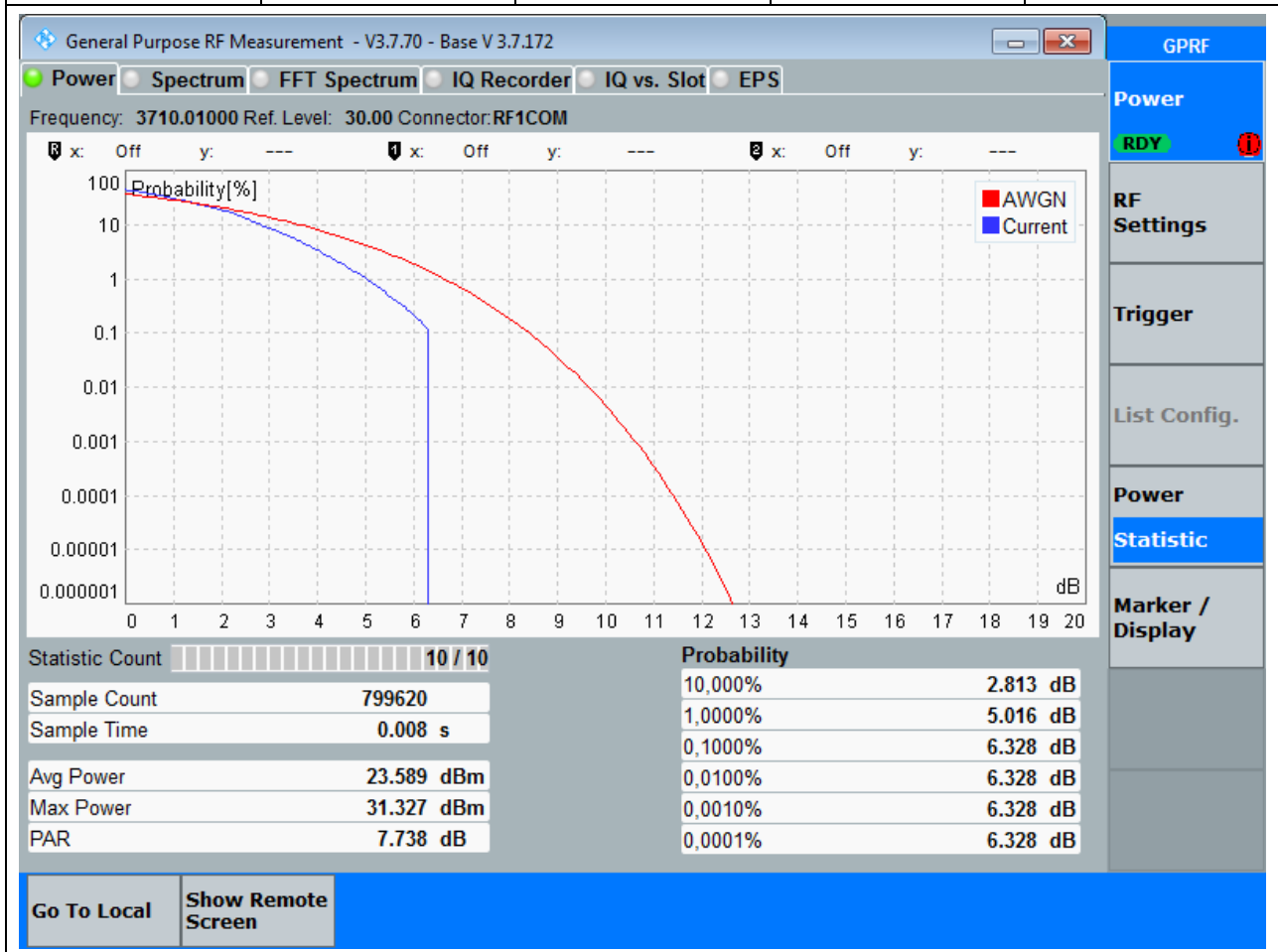
**2.7. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	5.91	13	Pass



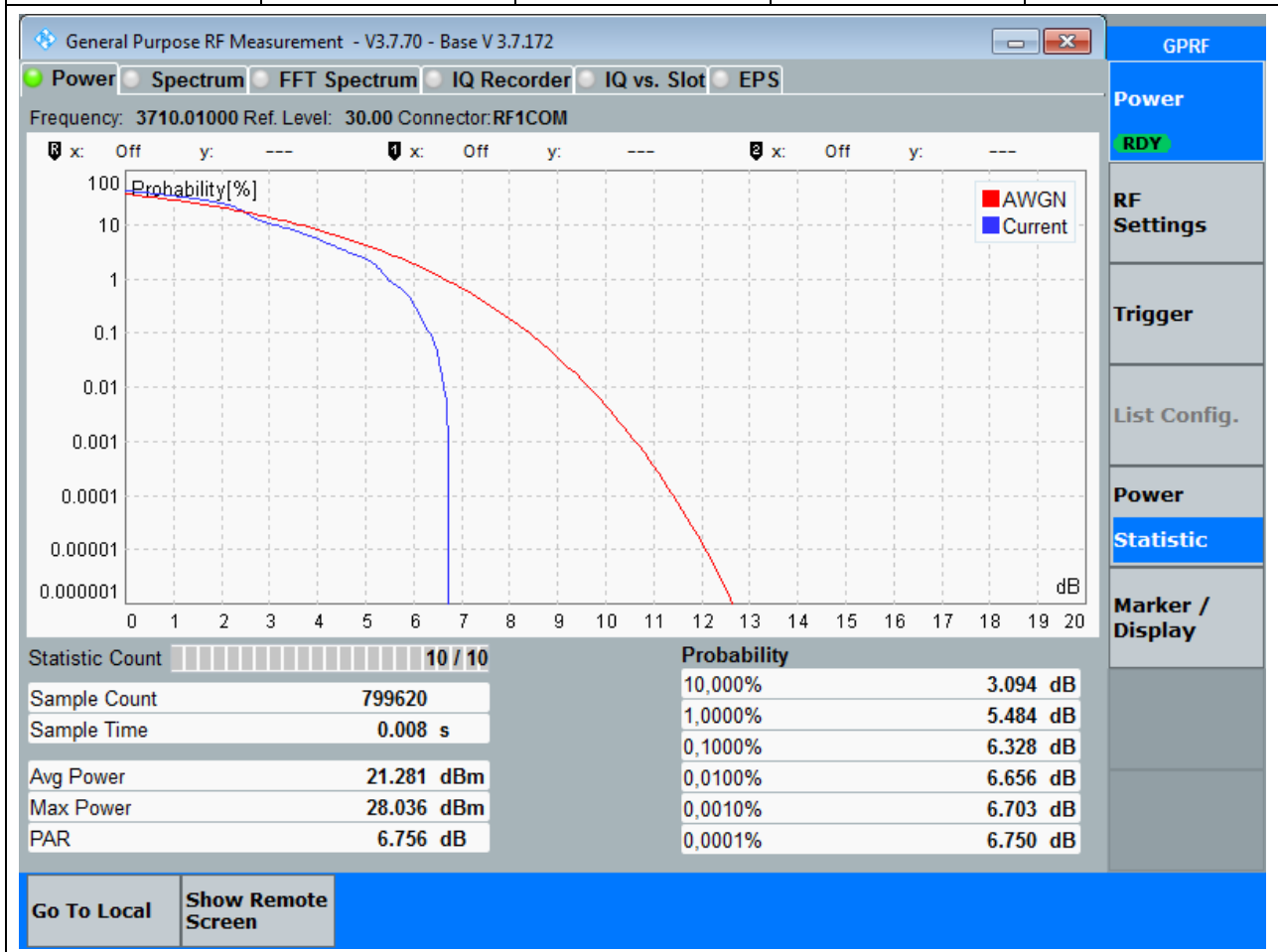
**2.8. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.33	13	Pass



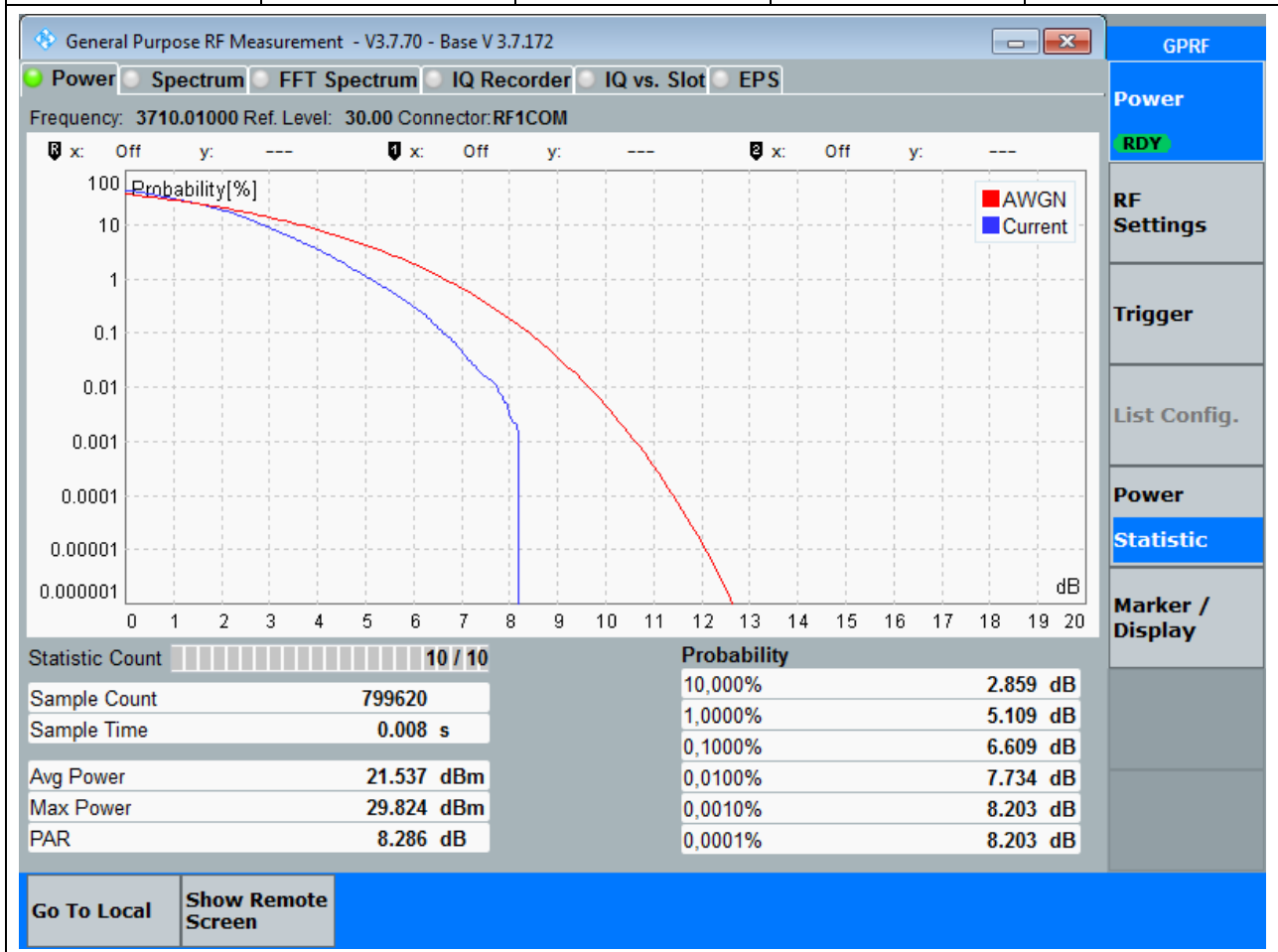
**2.9. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.33	13	Pass



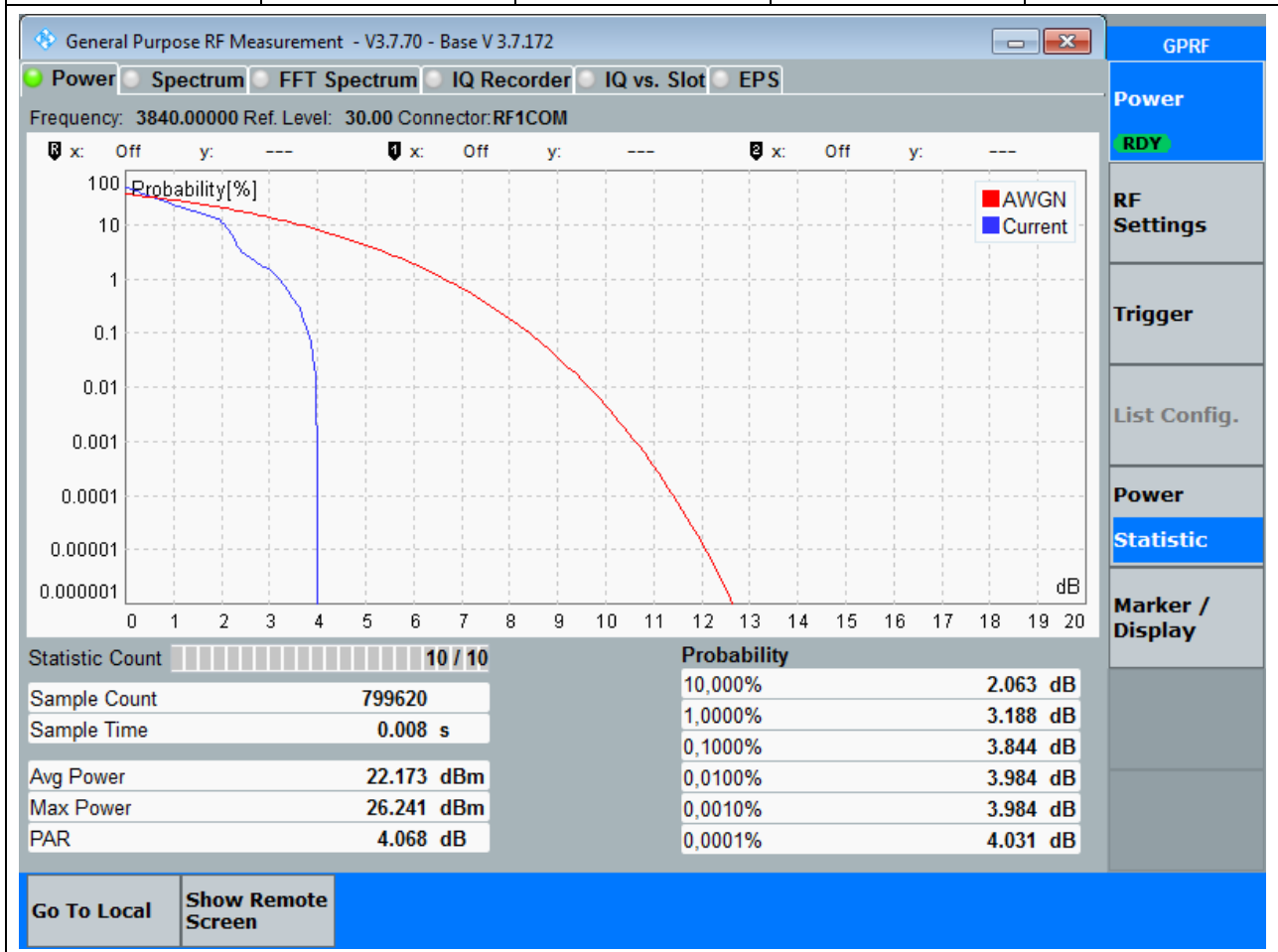
**2.10. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.61	13	Pass



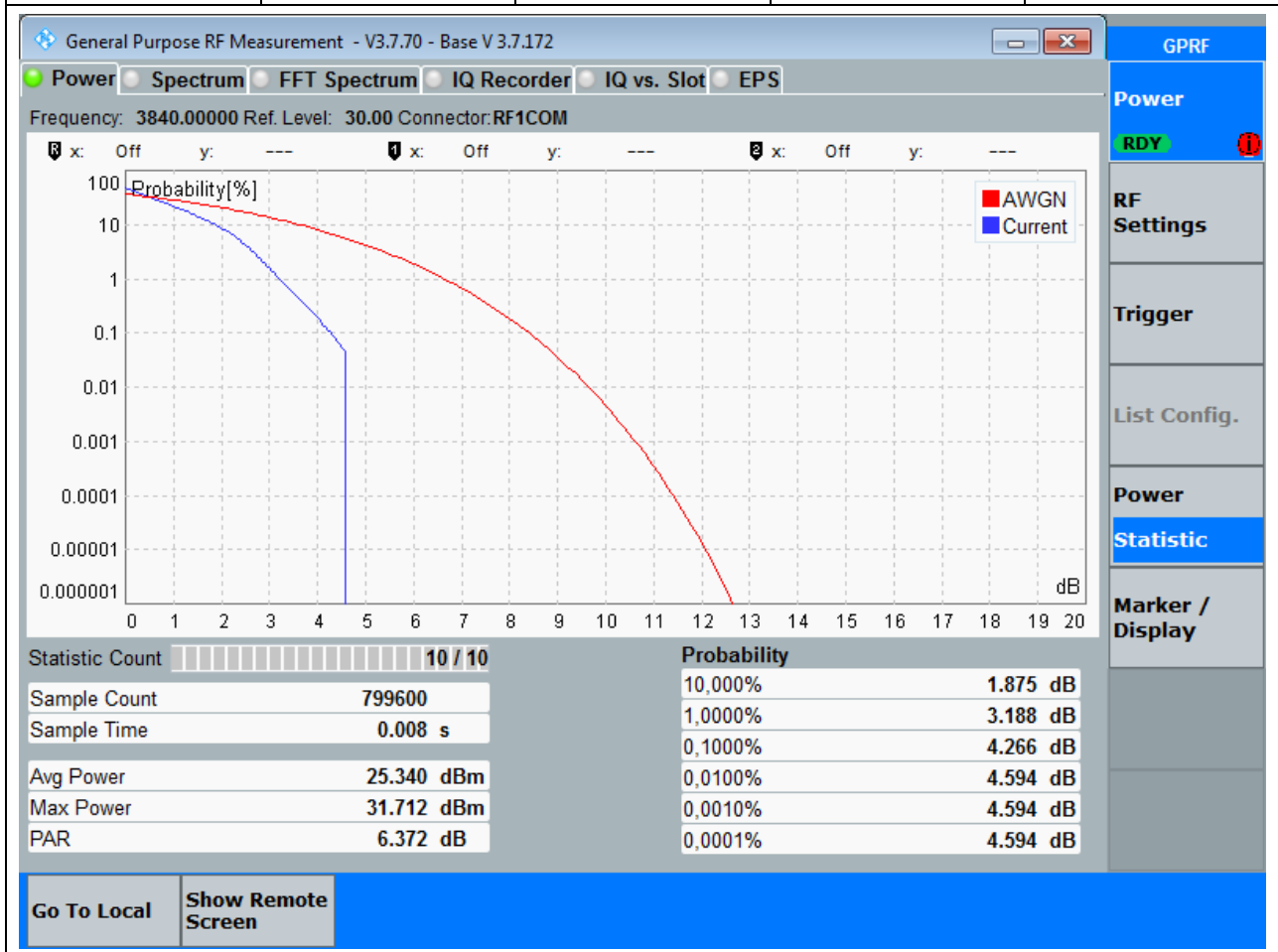
**2.11. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	3.84	13	Pass



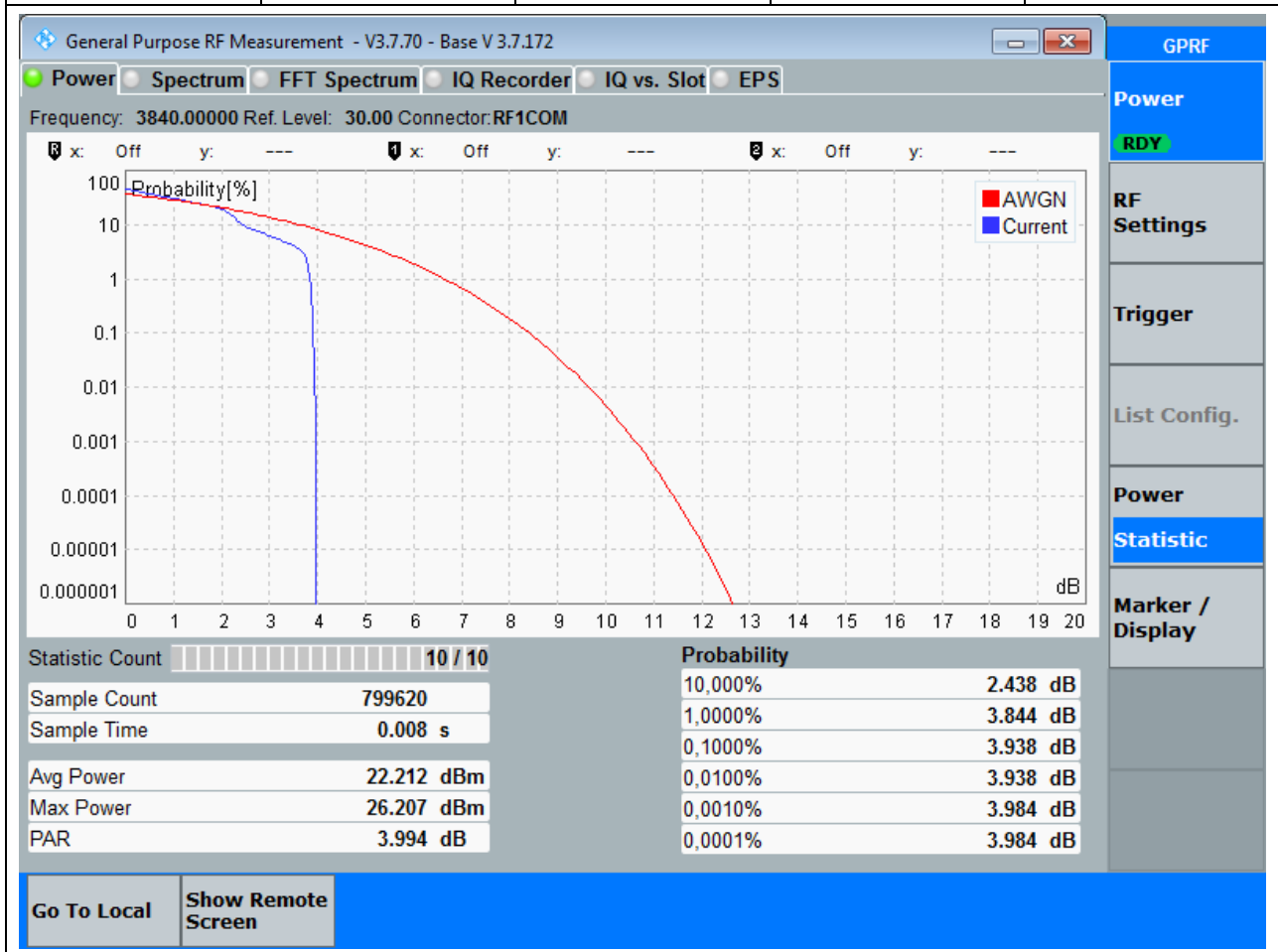
**2.12. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	4.27	13	Pass



**2.13. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

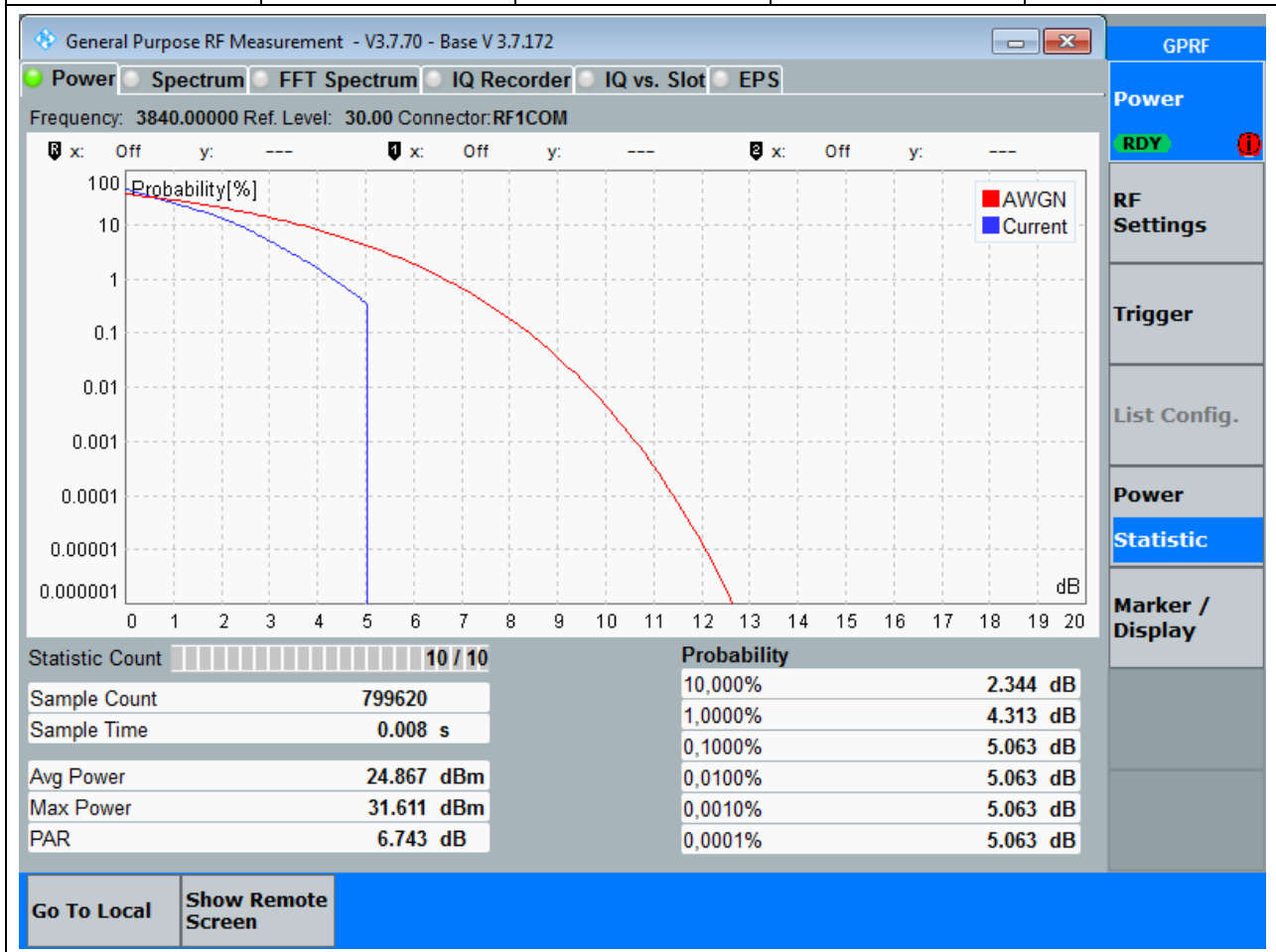
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	3.94	13	Pass





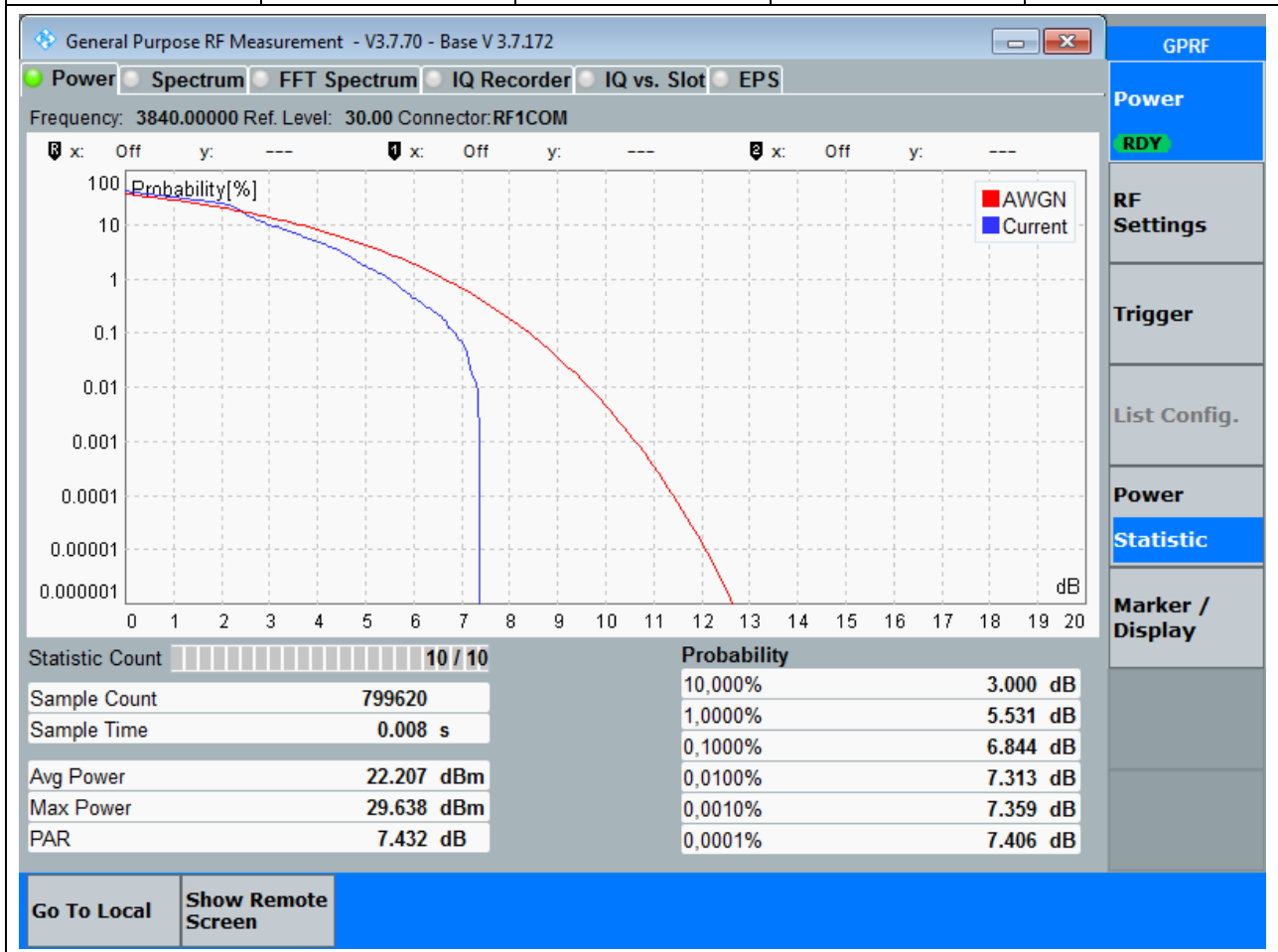
**2.14. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	5.06	13	Pass



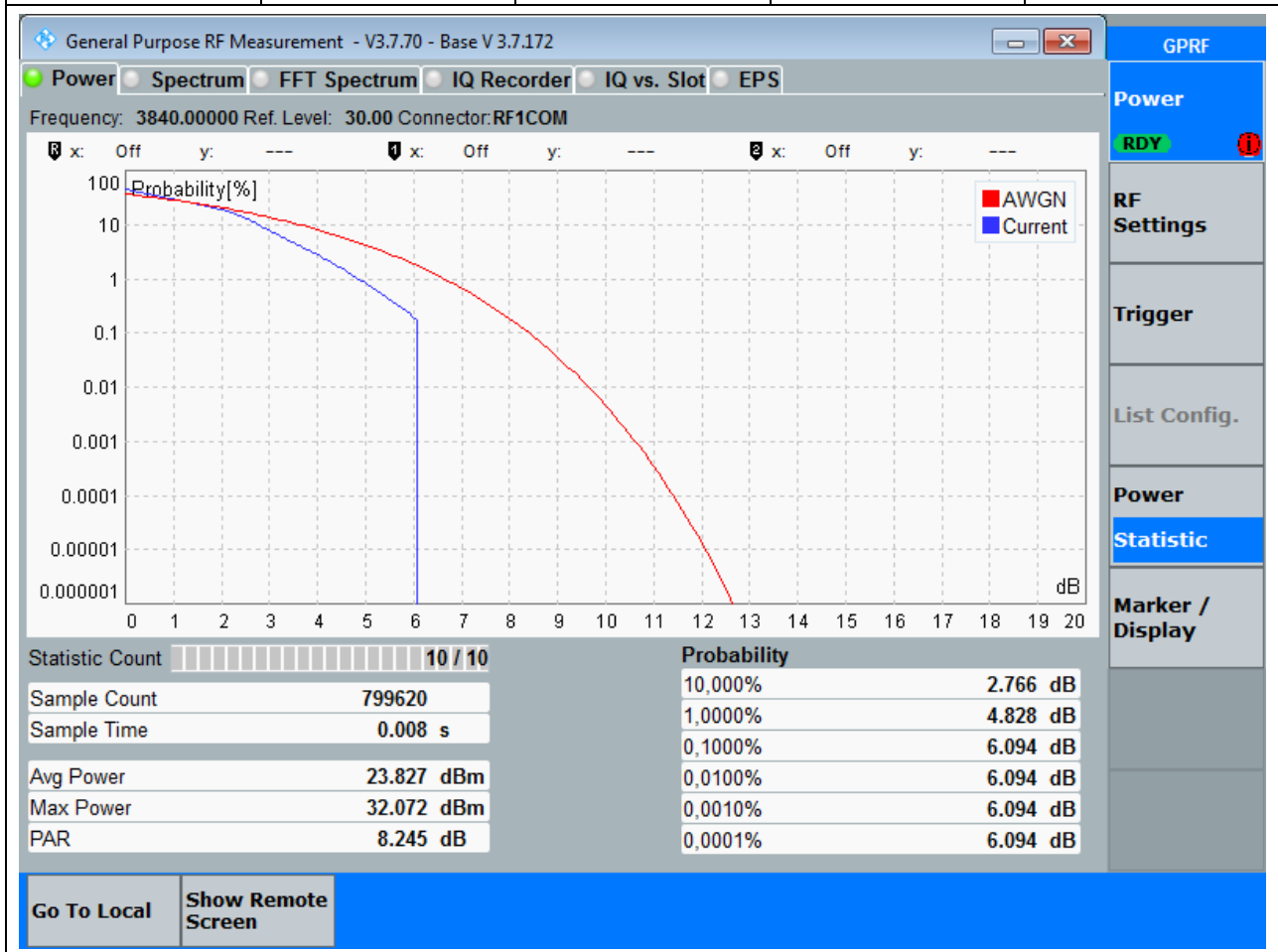
**2.15. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	6.84	13	Pass



**2.16. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	6.09	13	Pass



**2.17. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	5.86	13	Pass

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

Power  Spectrum  FFT Spectrum  IQ Recorder  IQ vs. Slot  EPS

Frequency: 3840.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Probability[%]

Legend: ■ AWGN ■ Current

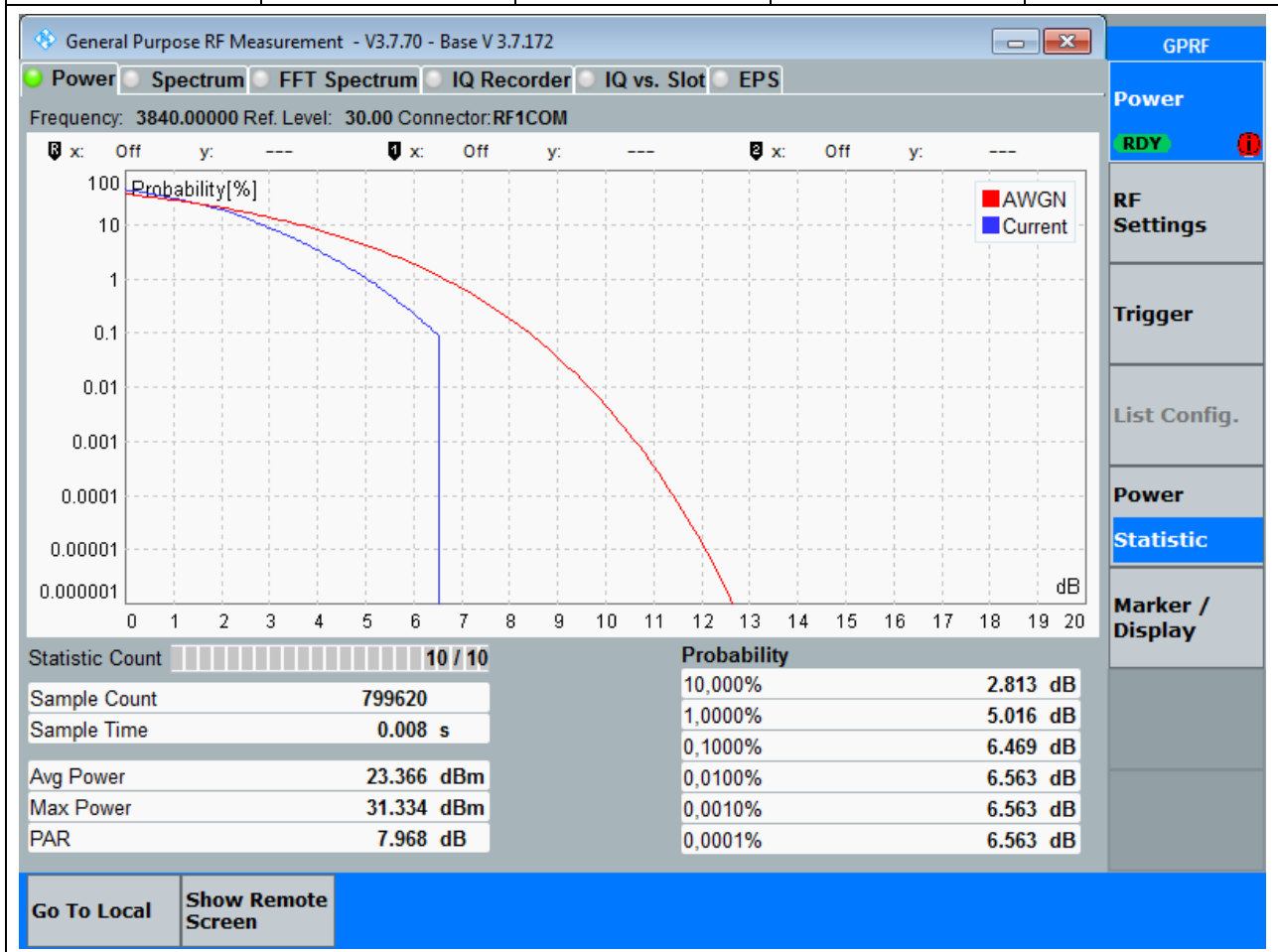
Statistic Count	
Sample Count	799600
Sample Time	0.008 s
Avg Power	22.039 dBm
Max Power	28.390 dBm
PAR	6.351 dB

Probability	
10,000%	3.000 dB
1,0000%	5.016 dB
0,1000%	5.859 dB
0,0100%	6.234 dB
0,0010%	6.281 dB
0,0001%	6.281 dB

Go To Local
Show Remote Screen

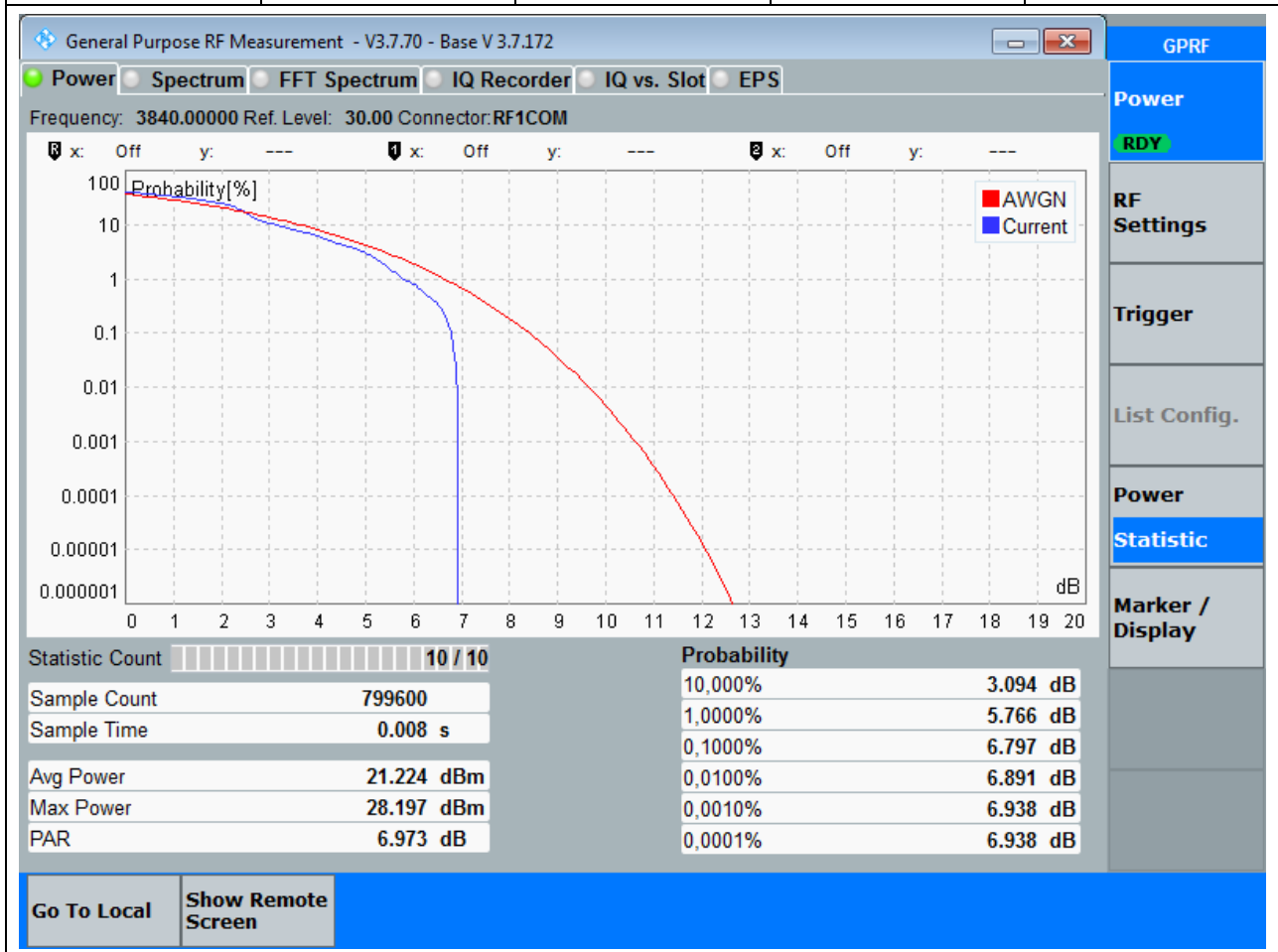
**2.18. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	6.47	13	Pass



**2.19. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	6.8	13	Pass



**2.20. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	6.56	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: 3840.00000 Ref. Level: 30.00 Connector:RF1COM
RF Settings

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

List Config.

Statistic Count 10 / 10

Sample Count	799600
Sample Time	0.008 s
Avg Power	21.341 dBm
Max Power	29.649 dBm
PAR	8.308 dB

Probability

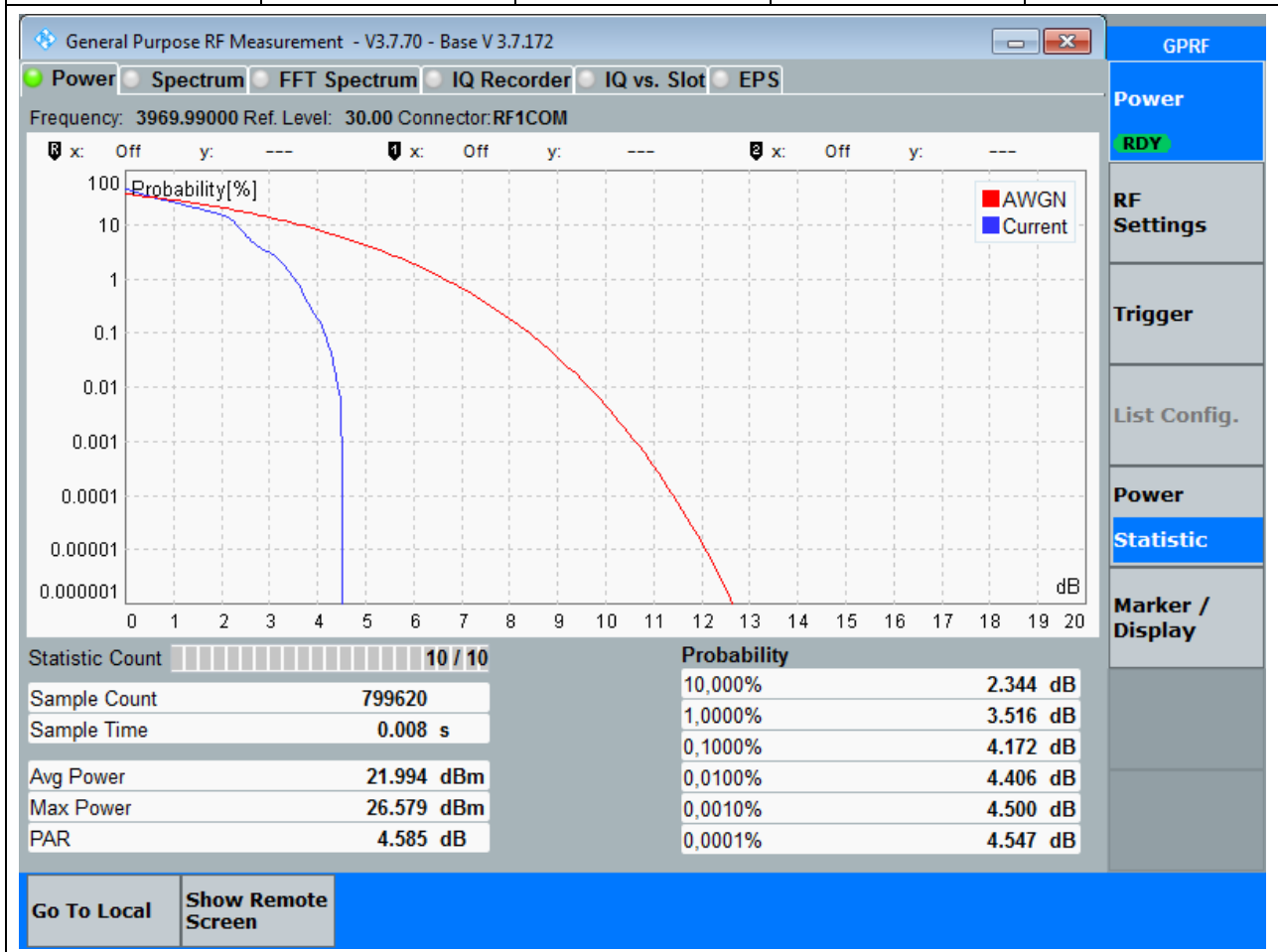
10,000%	2.813 dB
1,0000%	5.063 dB
0,1000%	6.563 dB
0,0100%	7.688 dB
0,0010%	8.109 dB
0,0001%	8.250 dB

Power Statistic

Go To Local Show Remote Screen
Marker / Display

**2.21. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)**

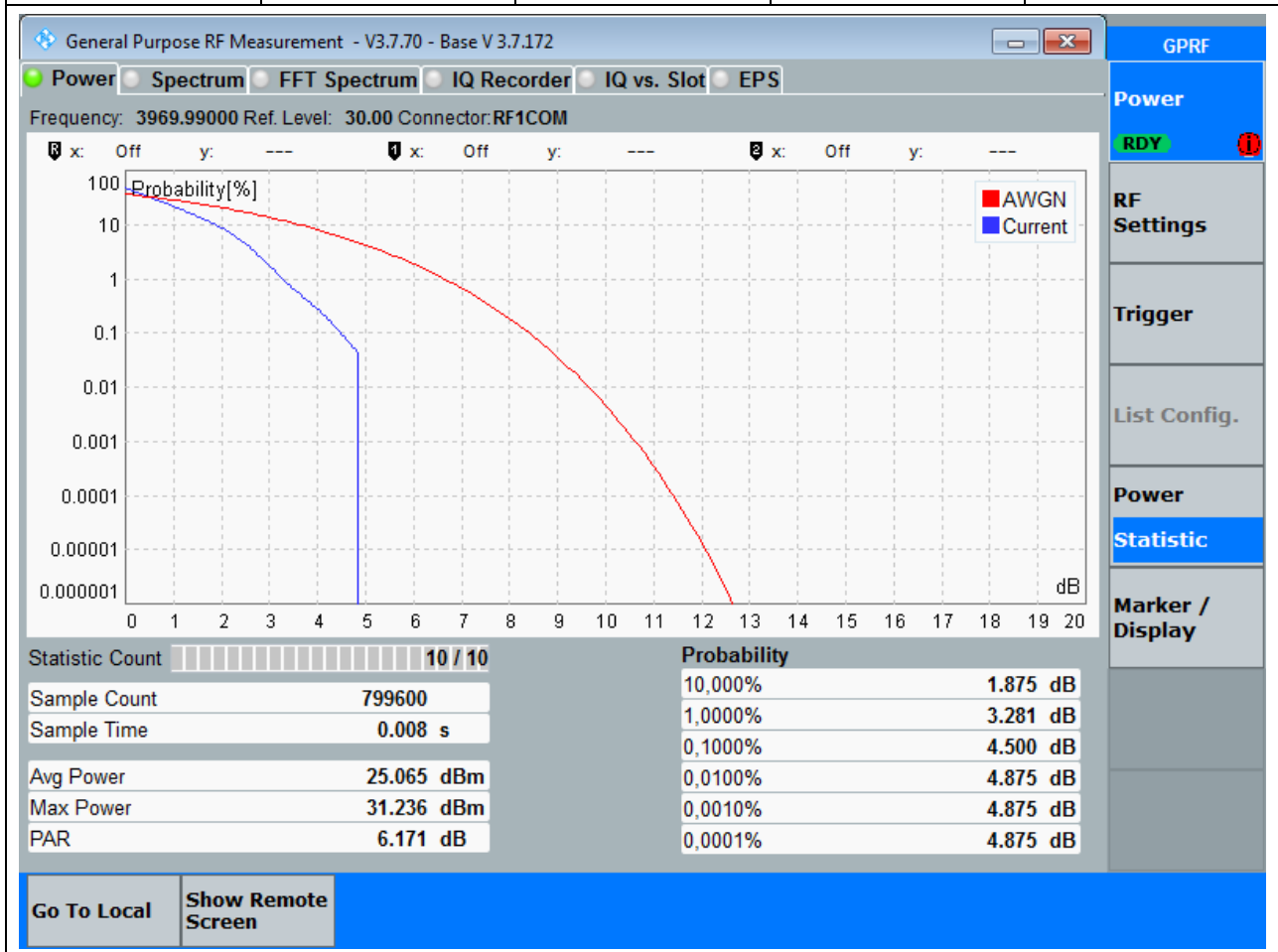
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	4.17	13	Pass





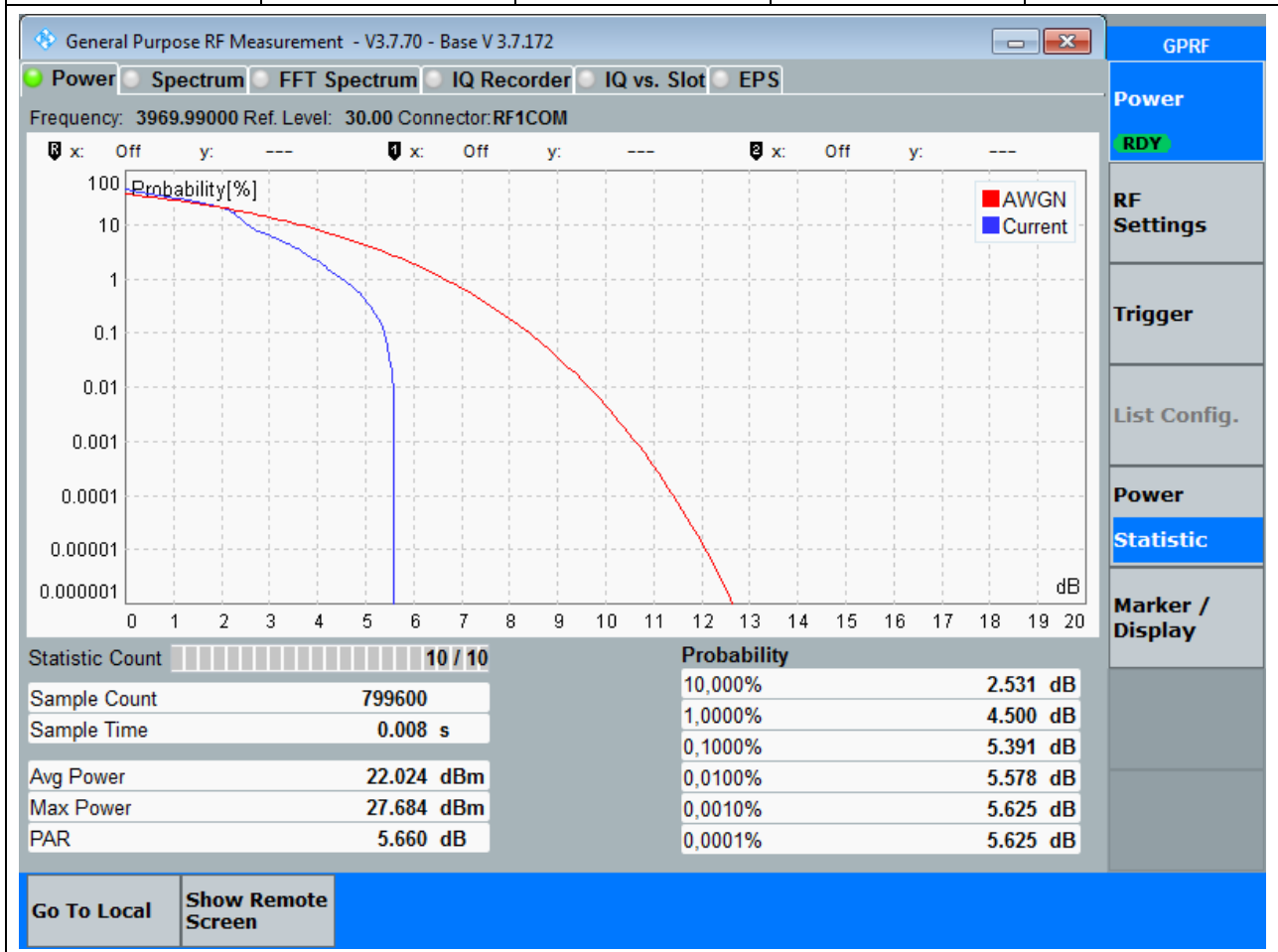
**2.22. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	4.5	13	Pass



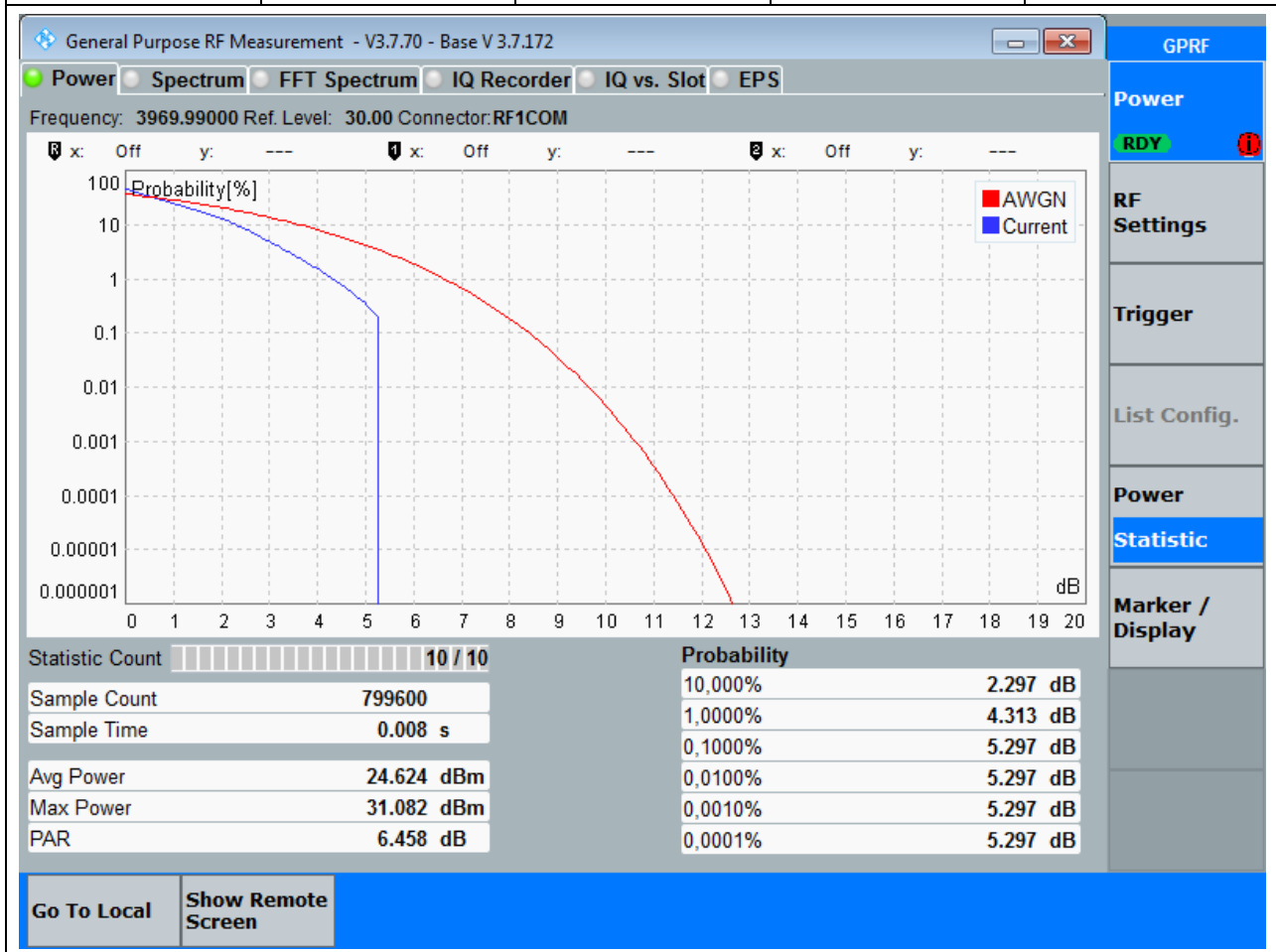
**2.23. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	5.39	13	Pass



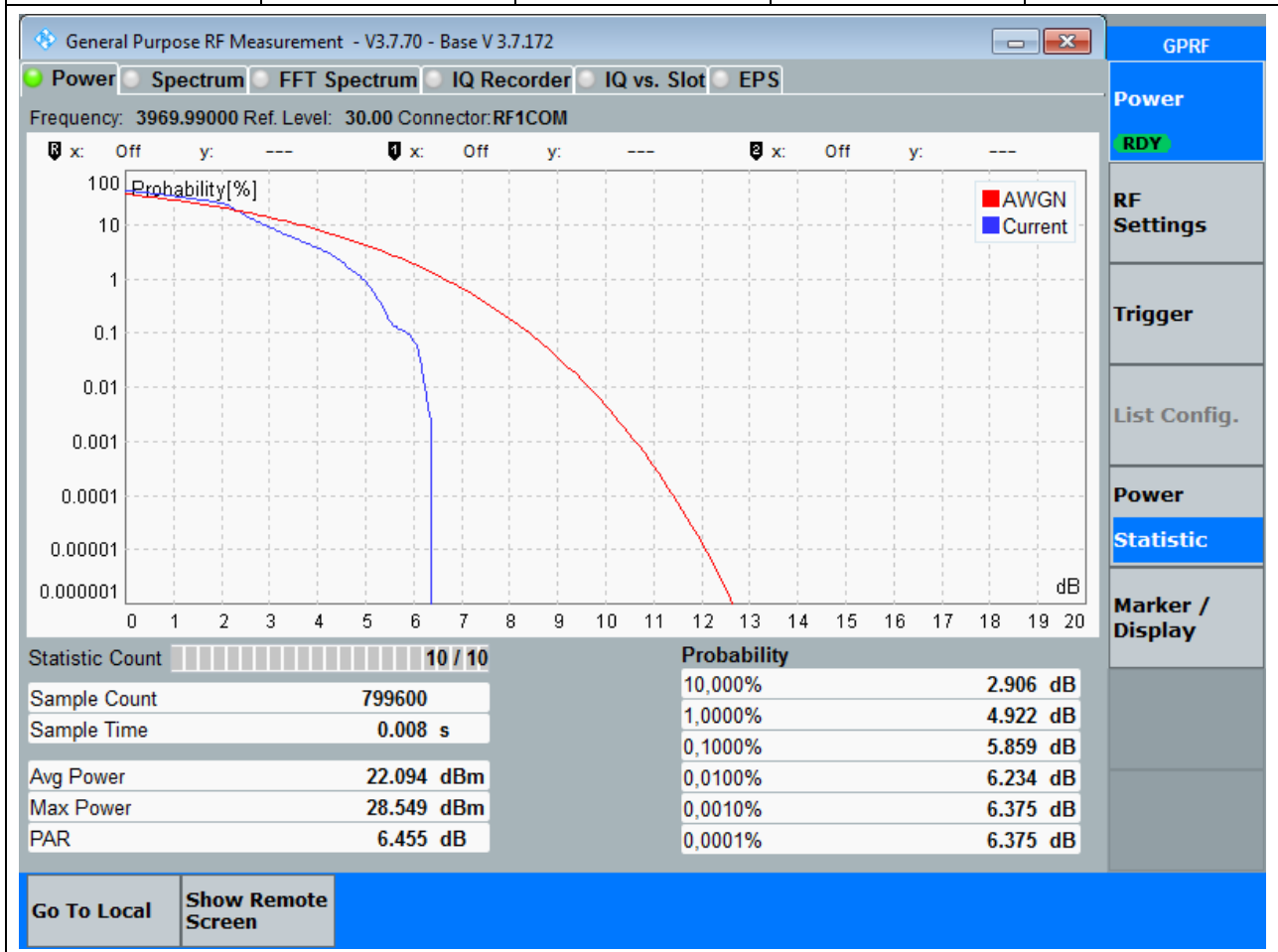
**2.24. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	5.3	13	Pass



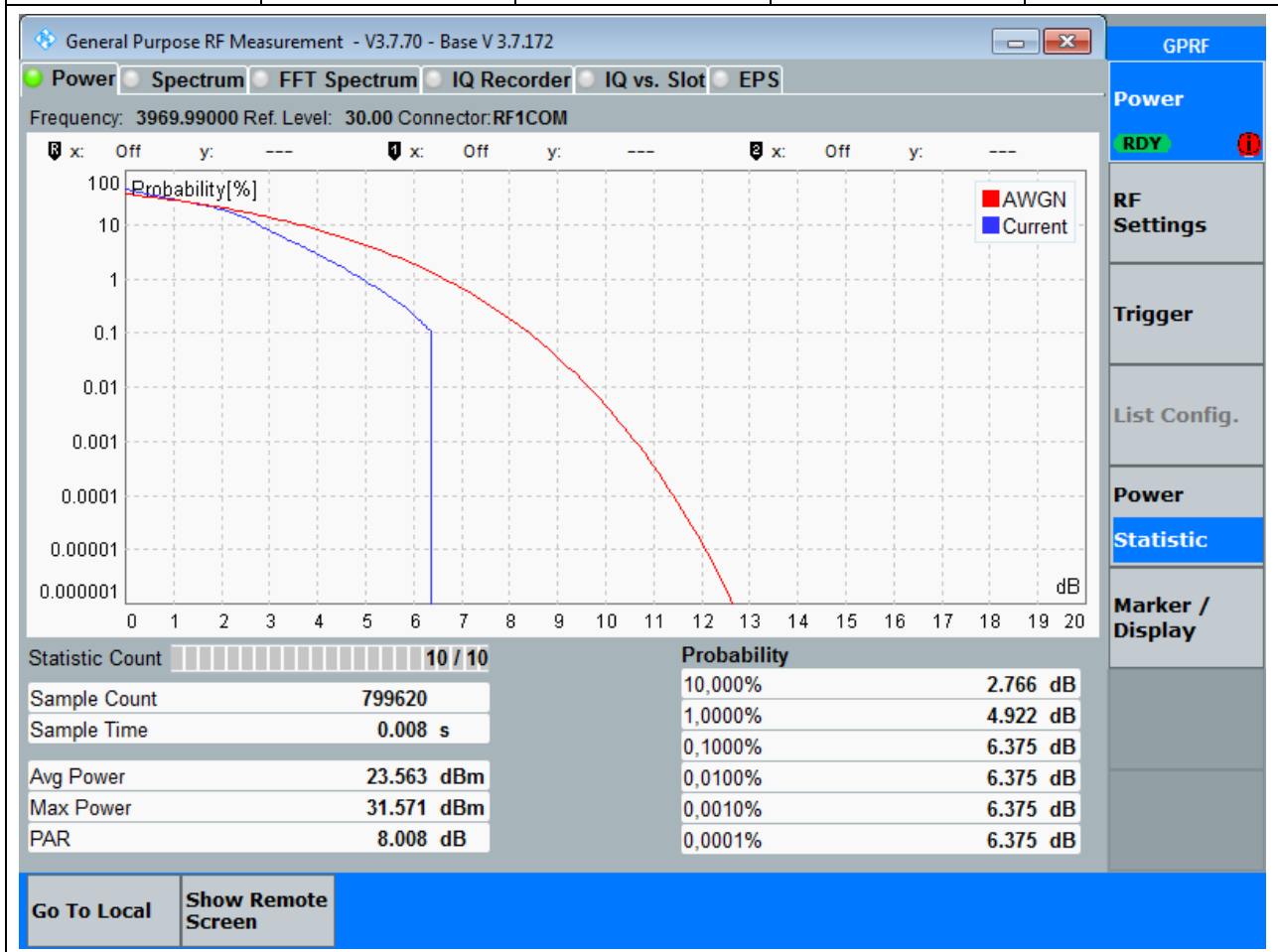
**2.25. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	5.86	13	Pass



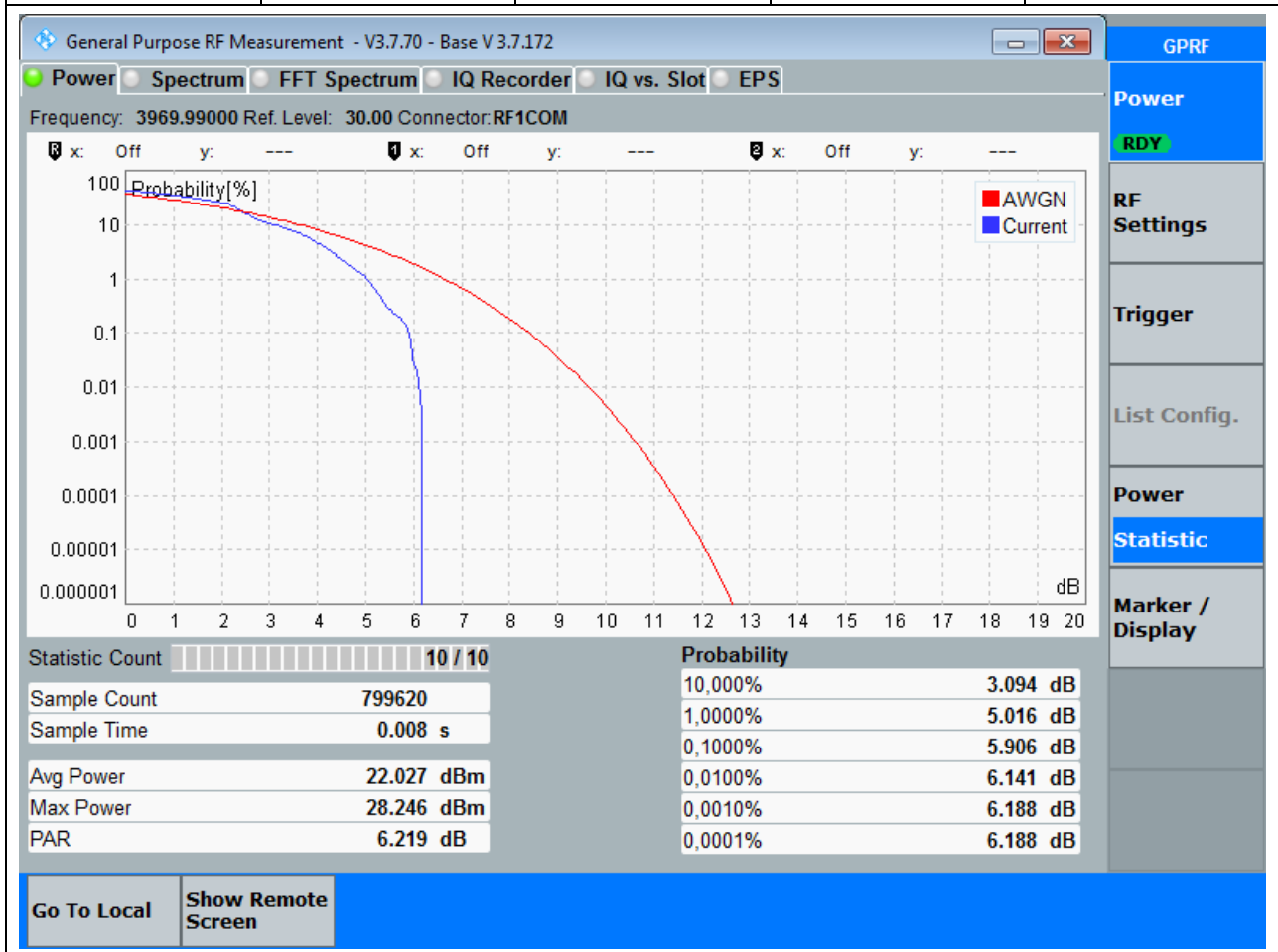
**2.26. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	6.37	13	Pass



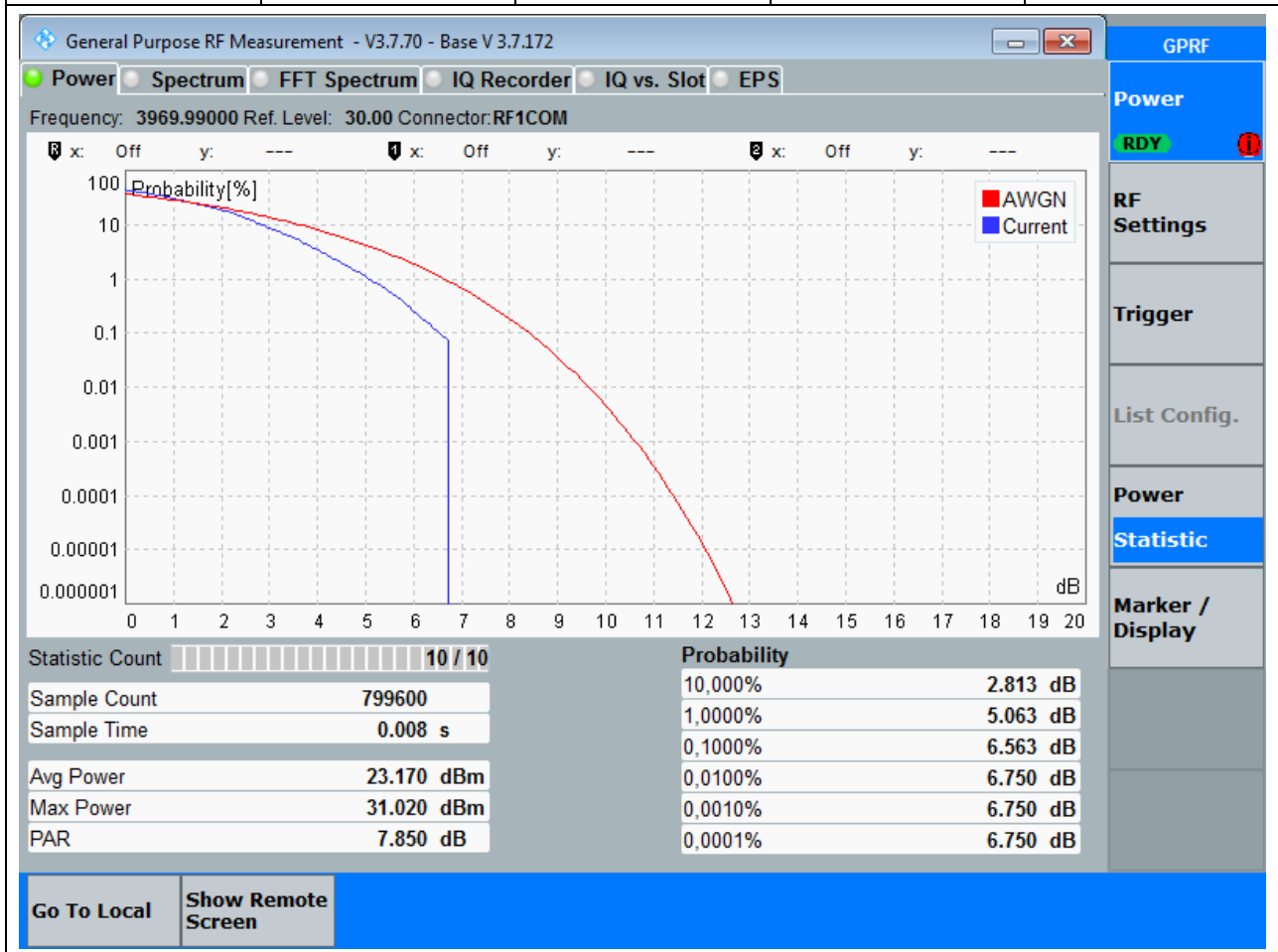
**2.27. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	5.91	13	Pass



**2.28. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	6.56	13	Pass



**2.29. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	6.61	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: 3969.99000 Ref. Level: 30.00 Connector:RF1COM
RDY

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

Statistic Count	
Sample Count	799600
Sample Time	0.008 s
Avg Power	20.921 dBm
Max Power	27.858 dBm
PAR	6.937 dB

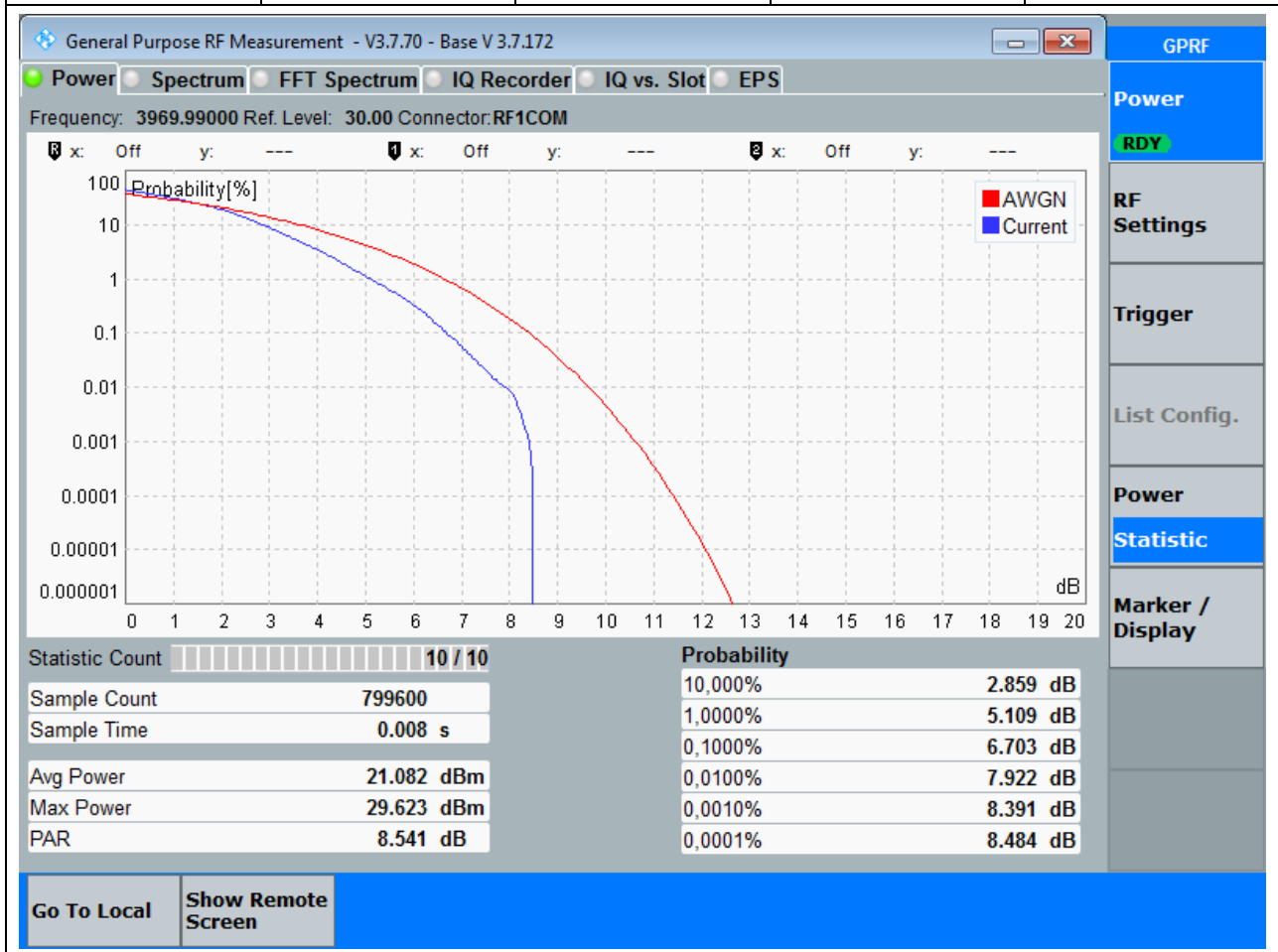
Probability	
10,000%	3.047 dB
1,0000%	5.625 dB
0,1000%	6.609 dB
0,0100%	6.797 dB
0,0010%	6.844 dB
0,0001%	6.891 dB

Go To Local
Show Remote Screen



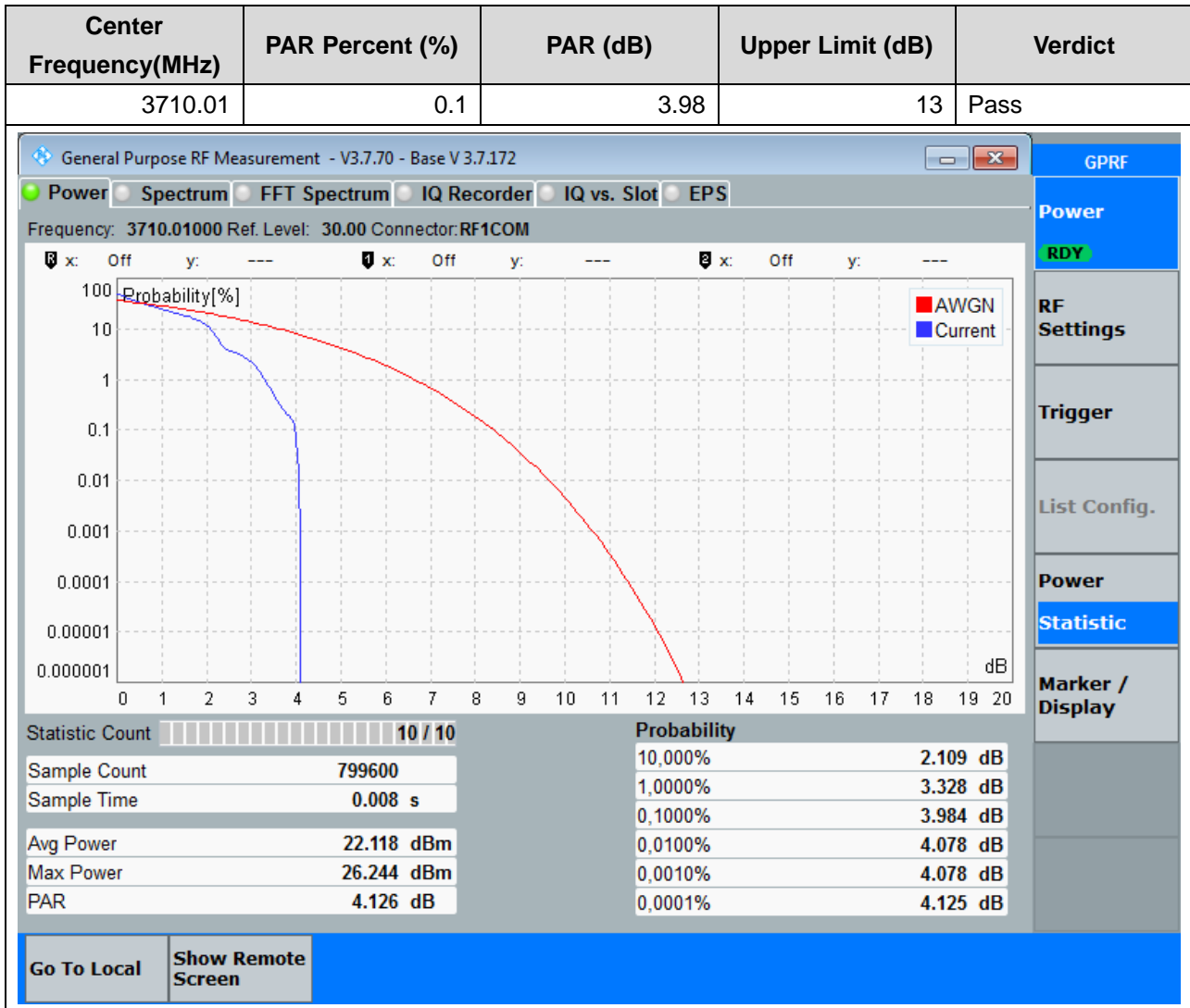
**2.30. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3969.99	0.1	6.7	13	Pass



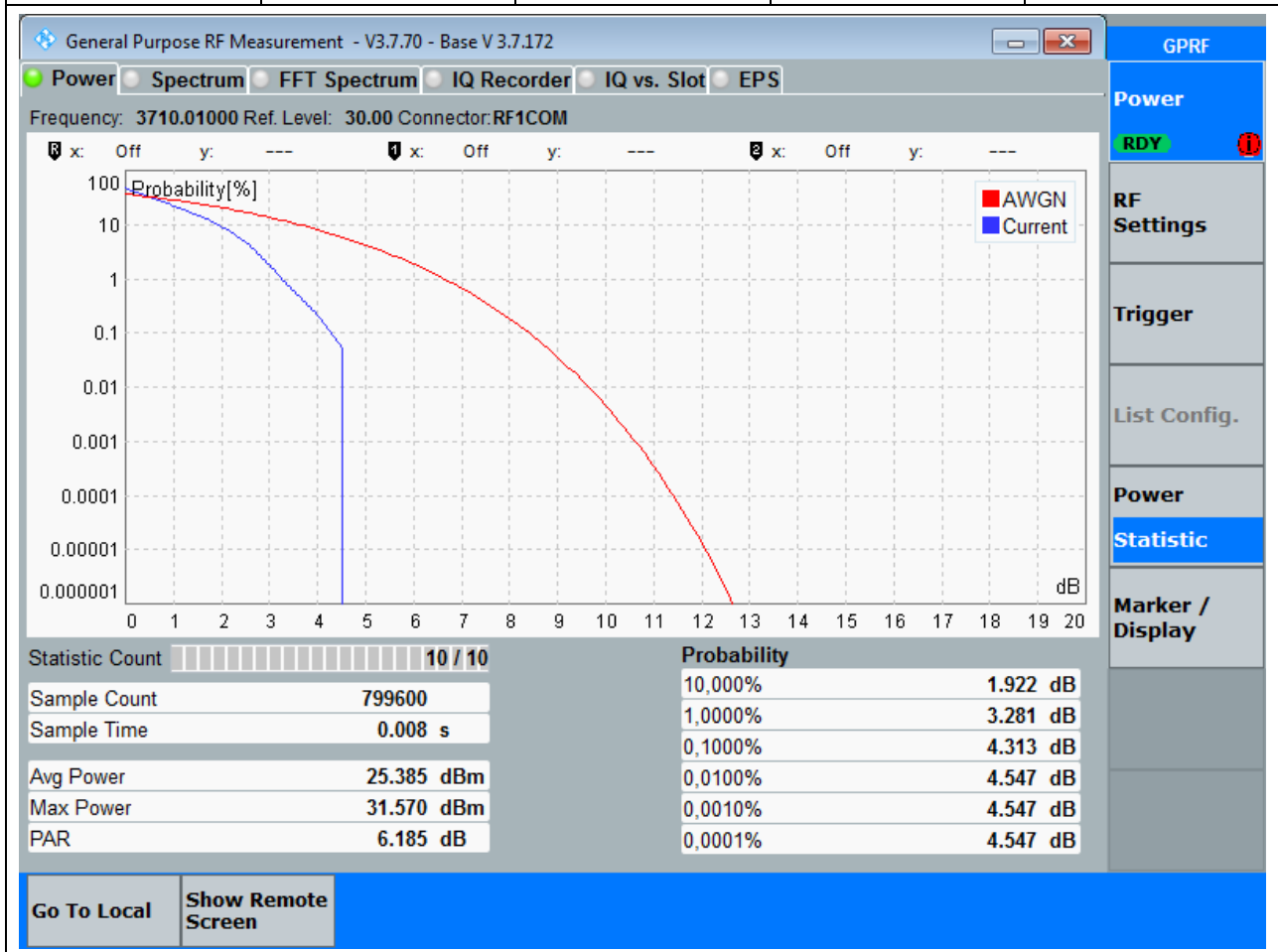
## 1. n78 30kHz(3700-3800)

1.21. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

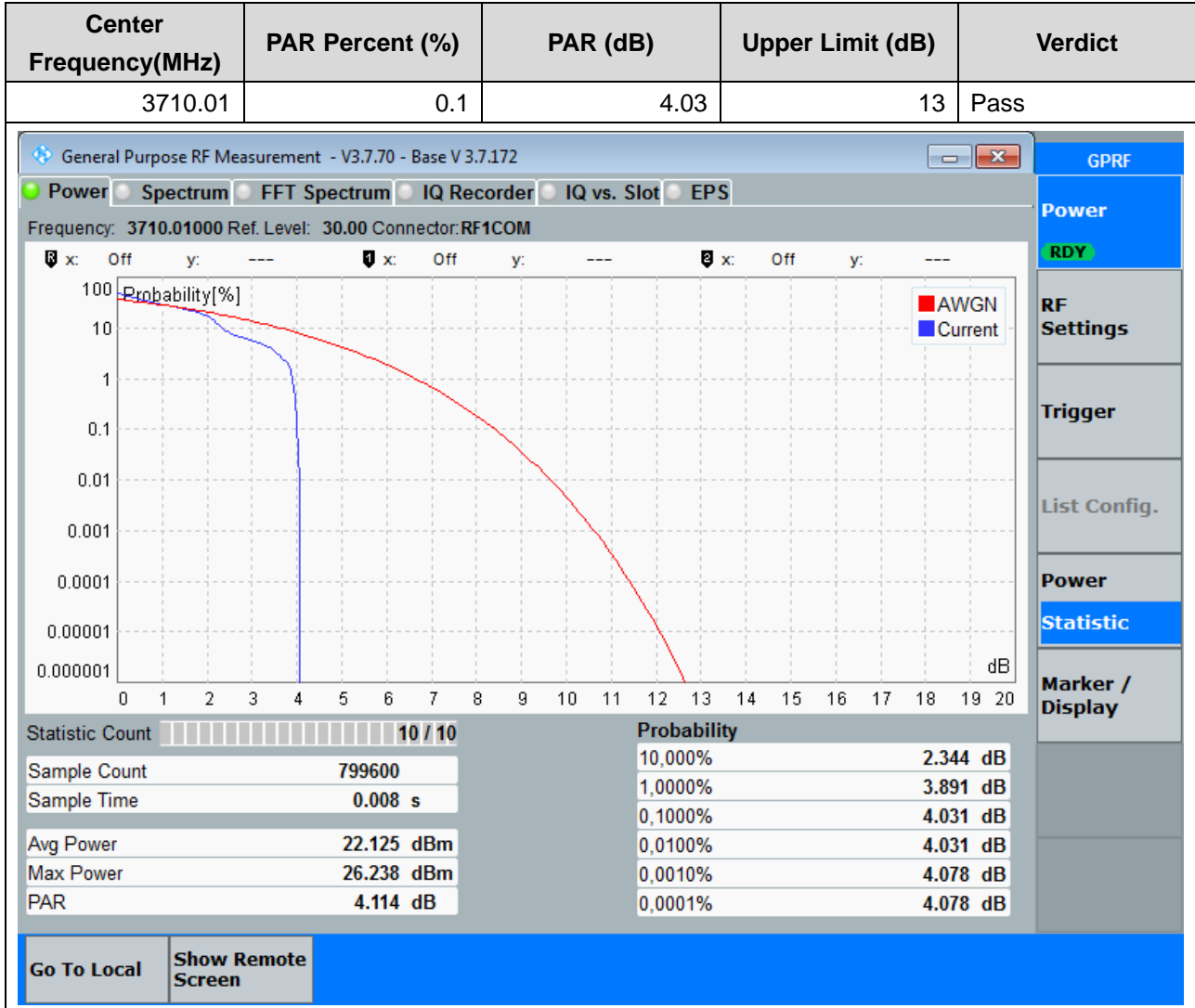


**1.22. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	4.31	13	Pass



**1.23. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**



**1.24. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	5.06	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: 3710.01000 Ref. Level: 30.00 Connector:RF1COM

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

Statistic Count	
Sample Count	799600
Sample Time	0.008 s
Avg Power	24.868 dBm
Max Power	31.511 dBm
PAR	6.643 dB

Probability	
10,000%	2.344 dB
1,0000%	4.313 dB
0,1000%	5.063 dB
0,0100%	5.063 dB
0,0010%	5.063 dB
0,0001%	5.063 dB

Go To Local
Show Remote Screen

**1.25. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.84	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: 3710.01000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count <span style="float: right;">10 / 10</span>		Probability	
Sample Count	799620	10,000%	3.047 dB
Sample Time	0.008 s	1,0000%	5.203 dB
Avg Power	22.217 dBm	0,1000%	6.844 dB
Max Power	29.469 dBm	0,0100%	7.172 dB
PAR	7.252 dB	0,0010%	7.219 dB
		0,0001%	7.219 dB

Go To Local

Show Remote Screen

GPRF

Power

RDY

RF Settings

Trigger

List Config.

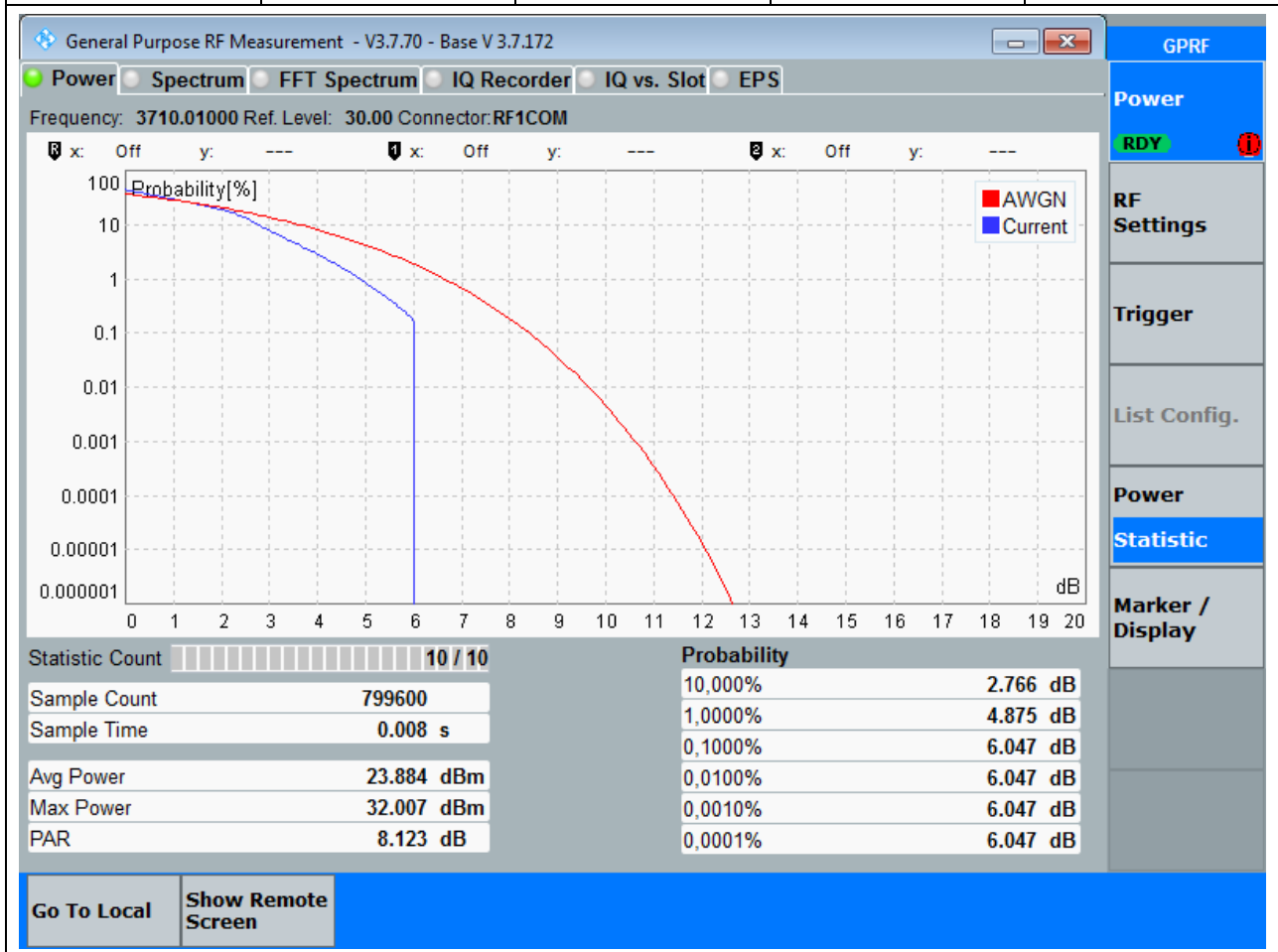
Power

Statistic

Marker / Display

**1.26. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.05	13	Pass



**1.27. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.66	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: 3710.01000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count		Probability	
Sample Count	799620	10,000%	3.141 dB
Sample Time	0.008 s	1,0000%	5.391 dB
Avg Power	22.283 dBm	0,1000%	6.656 dB
Max Power	29.309 dBm	0,0100%	6.938 dB
PAR	7.027 dB	0,0010%	6.938 dB
		0,0001%	6.984 dB

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display



**1.28. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.47	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 3710.01000 Ref. Level: 30.00 Connector:RF1COM

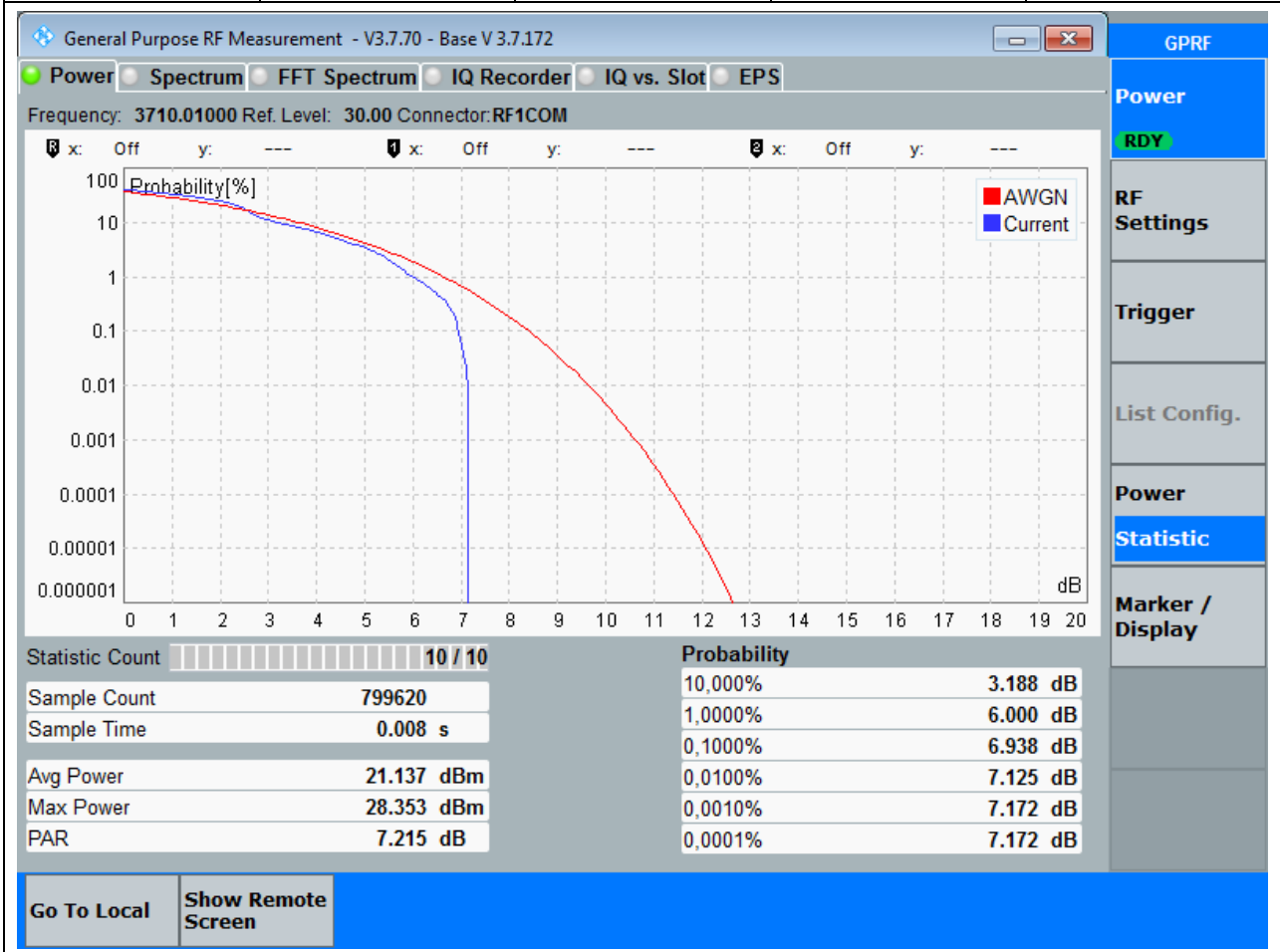
Probability[%] vs dB plot showing AWGN (red) and Current (blue) curves. The Current curve shows a sharp drop at approximately 6.5 dB, indicating the PAR value.

Statistic Count	10 / 10	Probability	
Sample Count	799600	10,000%	2.813 dB
Sample Time	0.008 s	1,0000%	5.016 dB
Avg Power	23.411 dBm	0,1000%	6.469 dB
Max Power	31.226 dBm	0,0100%	6.516 dB
PAR	7.816 dB	0,0010%	6.516 dB
		0,0001%	6.516 dB

Go To Local Show Remote Screen

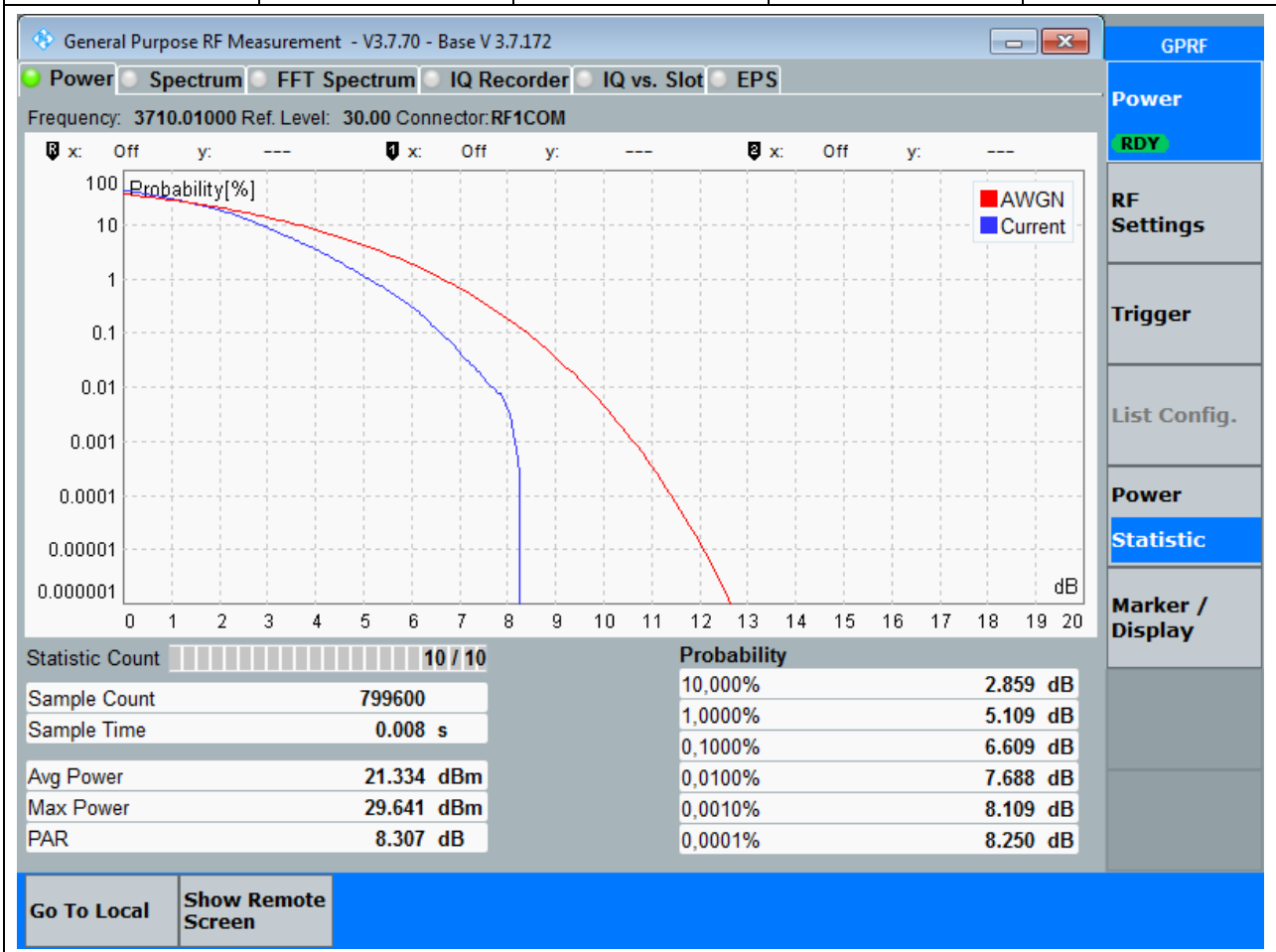
**1.29. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.94	13	Pass



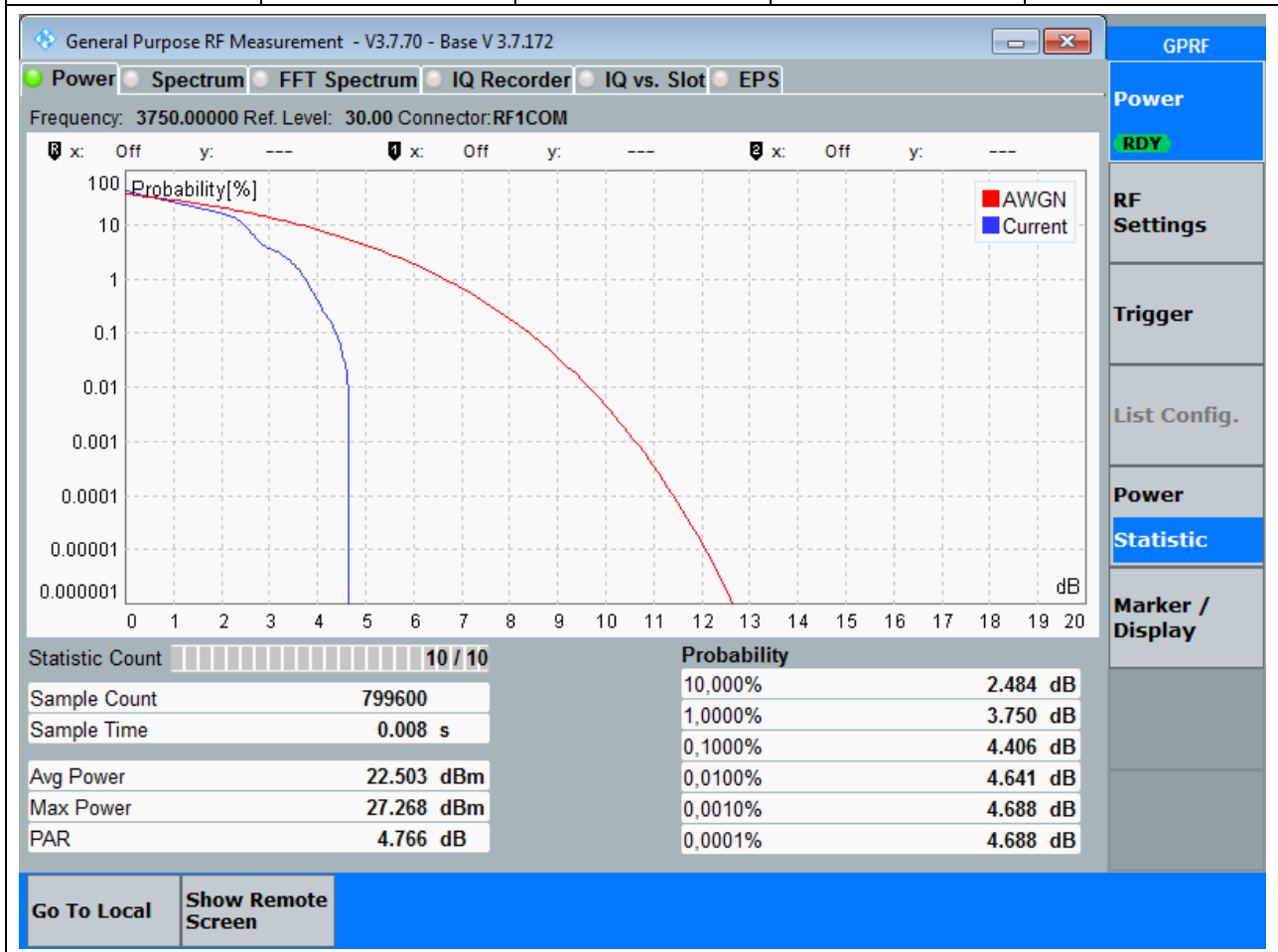
**1.30. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3710.01	0.1	6.61	13	Pass



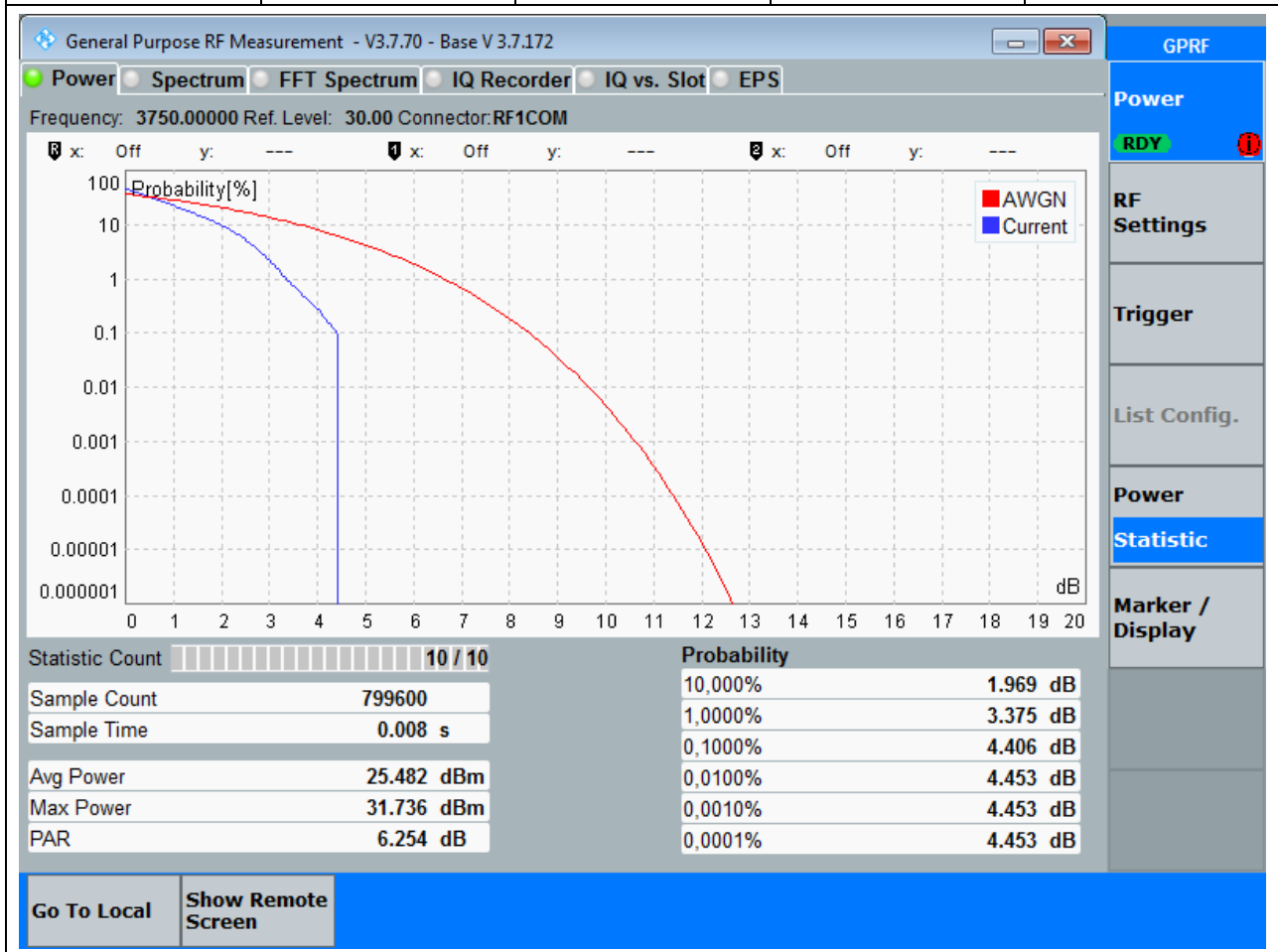
**1.31. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	4.41	13	Pass



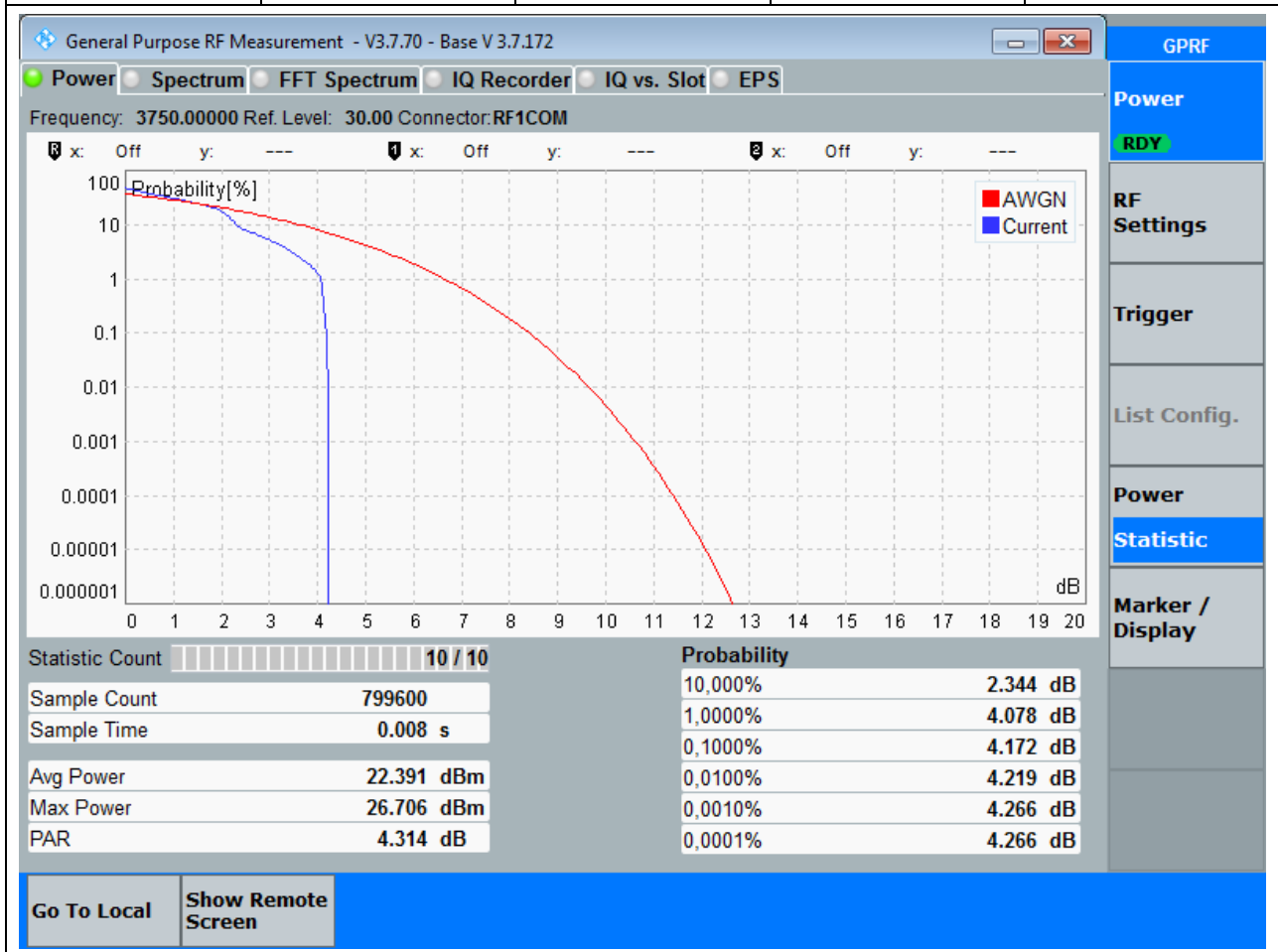
**1.32. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	4.41	13	Pass



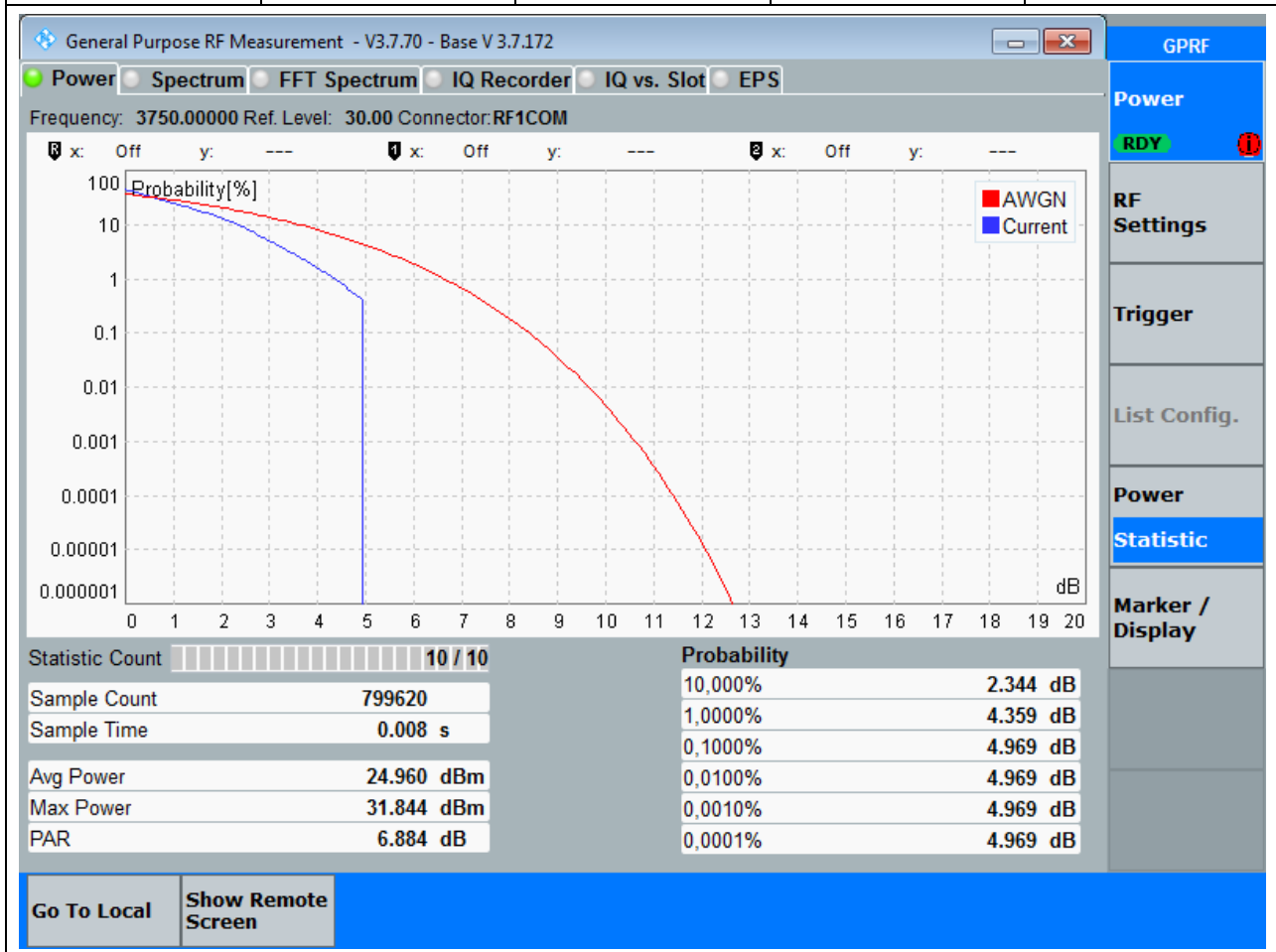
**1.33. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	4.17	13	Pass



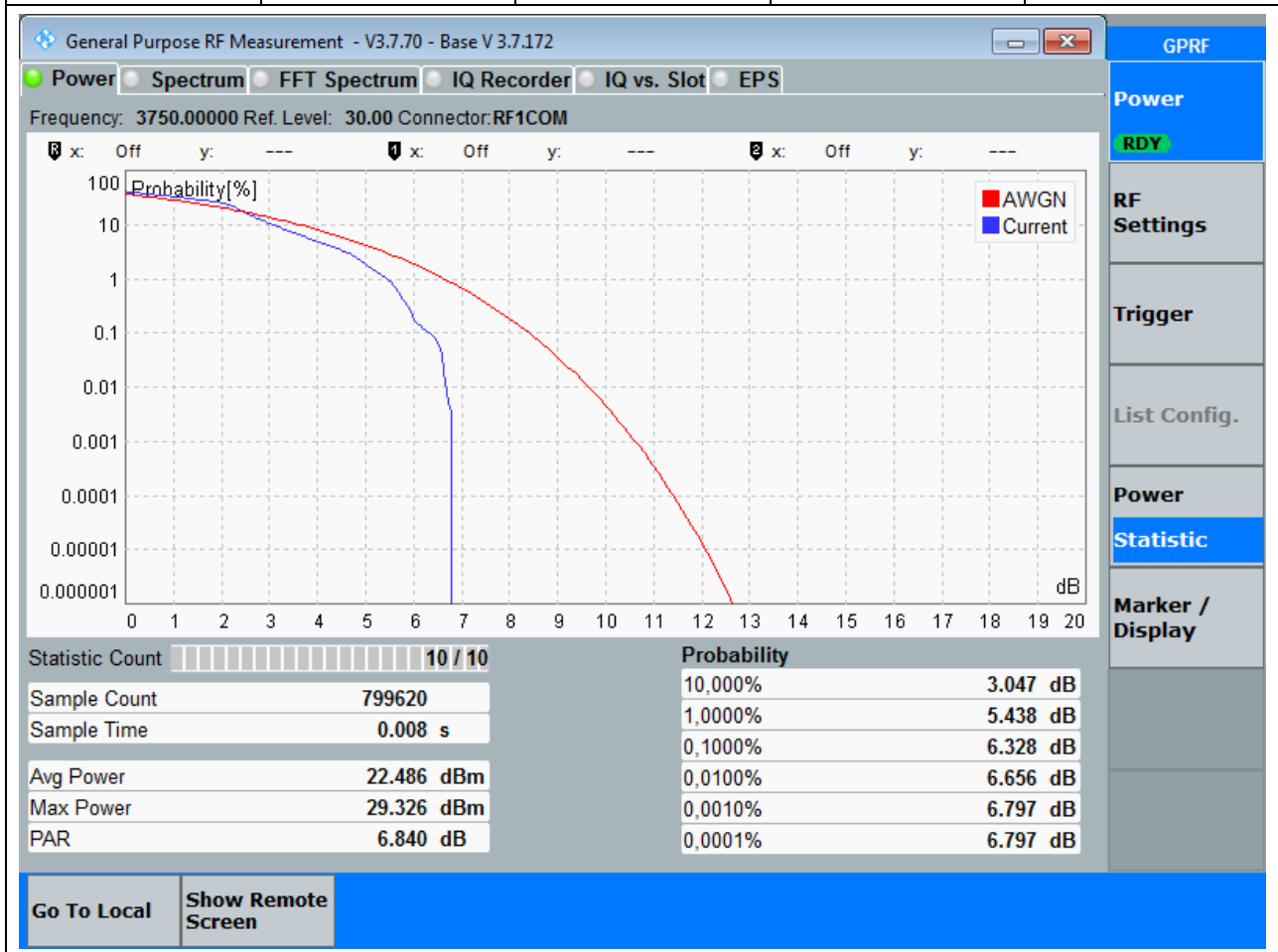
**1.34. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	4.97	13	Pass



**1.35. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

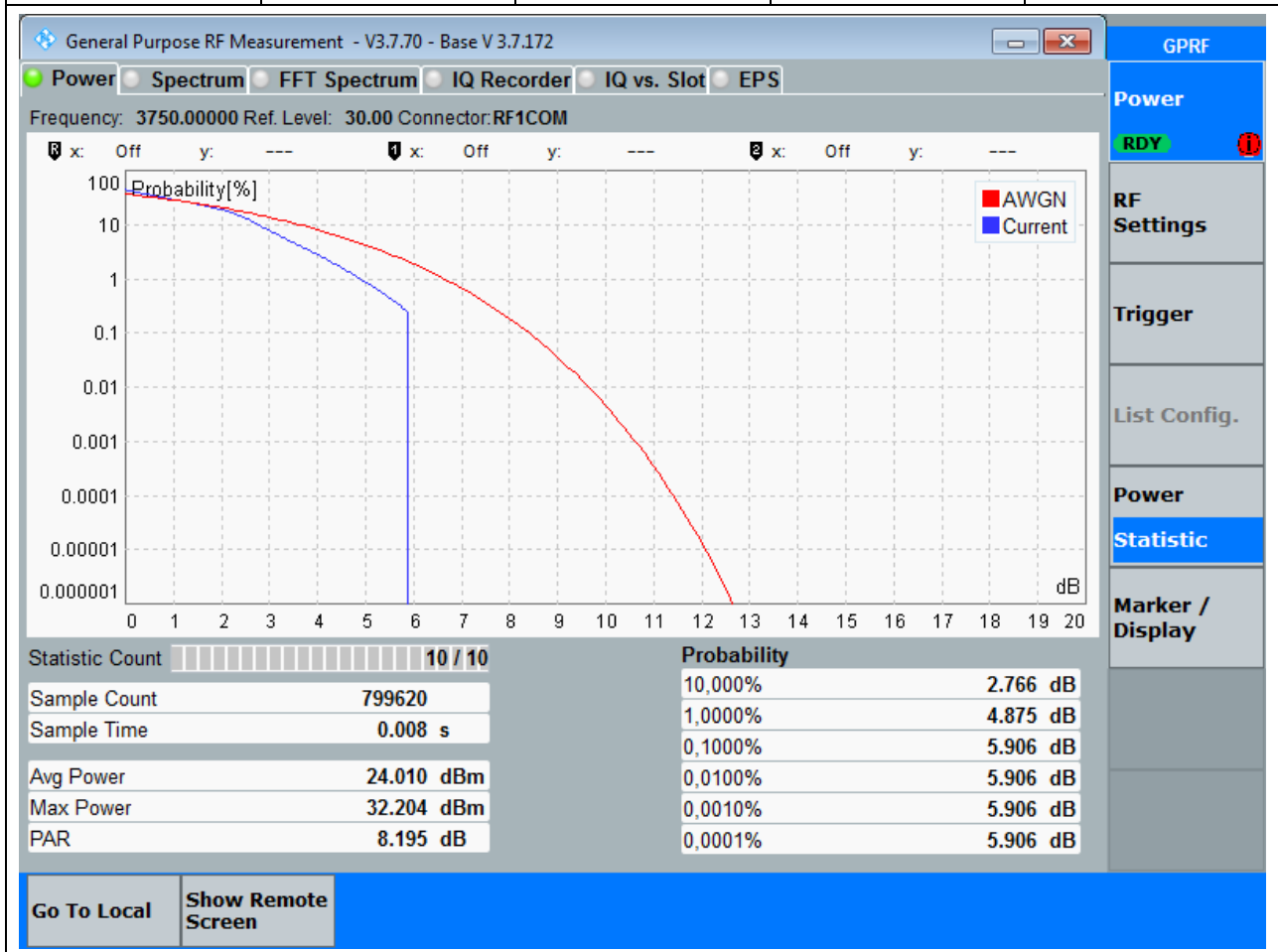
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	6.33	13	Pass





**1.36. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	5.91	13	Pass



**1.37. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	6.28	13	Pass

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

GPRF

Power
  Spectrum
  FFT Spectrum
  IQ Recorder
  IQ vs. Slot
  EPS

Power  
RDY

Frequency: 3750.00000 Ref. Level: 30.00 Connector:RF1COM

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

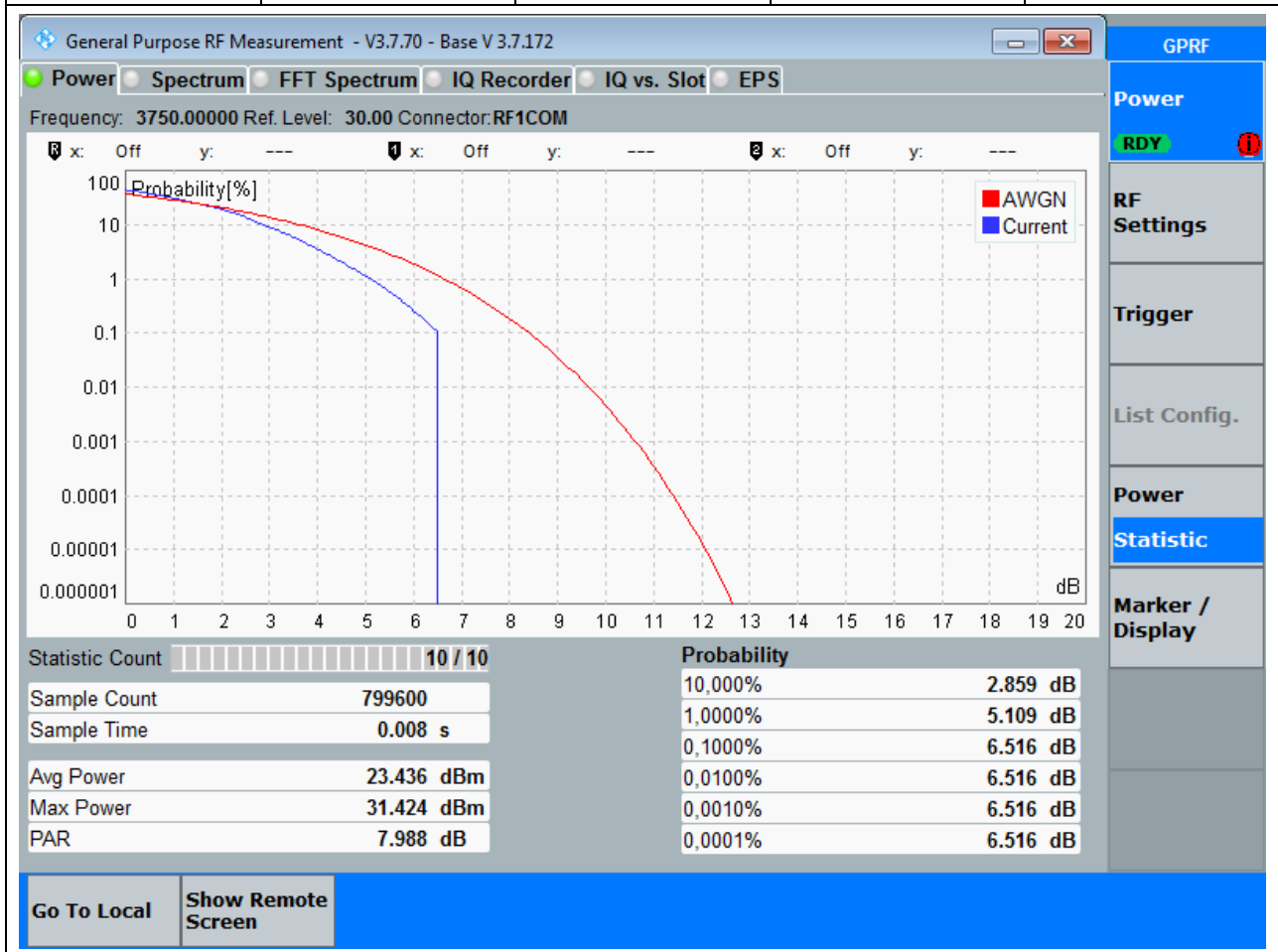
Statistic Count	
Sample Count	799600
Sample Time	0.008 s
Avg Power	22.502 dBm
Max Power	29.037 dBm
PAR	6.535 dB

Probability	
10,000%	3.234 dB
1,0000%	5.438 dB
0,1000%	6.281 dB
0,0100%	6.375 dB
0,0010%	6.422 dB
0,0001%	6.469 dB

Go To Local
Show Remote Screen

**1.38. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	6.52	13	Pass



**1.39. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	6.23	13	Pass

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

Power  Spectrum  FFT Spectrum  IQ Recorder  IQ vs. Slot  EPS

Frequency: 3750.00000 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	799620
Sample Time	0.008 s
Avg Power	21.394 dBm
Max Power	27.908 dBm
PAR	6.514 dB

Probability	
10,000%	3.281 dB
1,0000%	5.531 dB
0,1000%	6.234 dB
0,0100%	6.422 dB
0,0010%	6.422 dB
0,0001%	6.469 dB

Go To Local
Show Remote Screen

**1.40. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	6.7	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: 3750.00000 Ref. Level: 30.00 Connector:RF1COM

GPRF

Power **RDY**

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

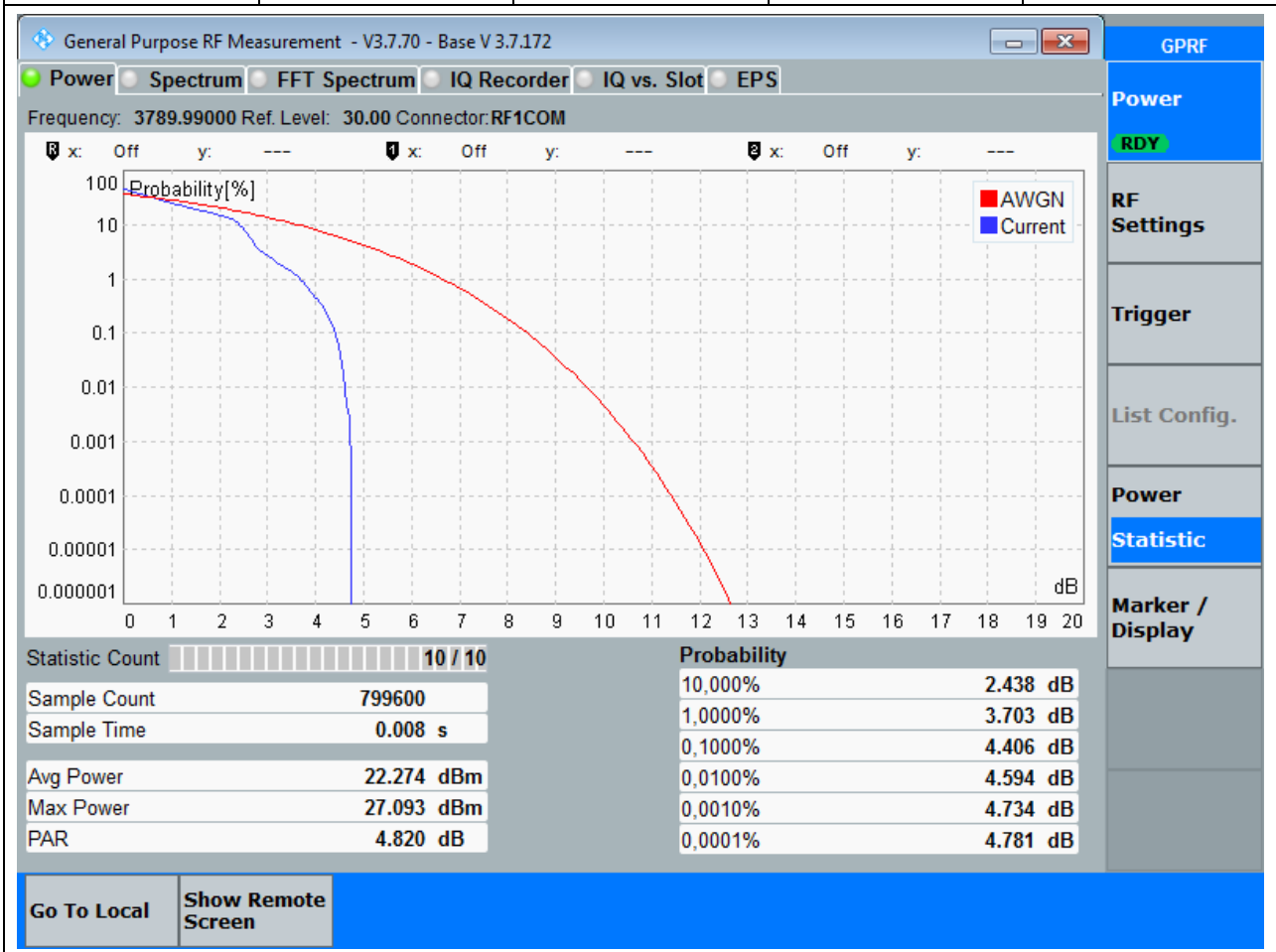
Statistic Count	
Sample Count	799600
Sample Time	0.008 s
Avg Power	21.415 dBm
Max Power	29.832 dBm
PAR	8.417 dB

Probability	
10,000%	2.859 dB
1,0000%	5.109 dB
0,1000%	6.703 dB
0,0100%	7.875 dB
0,0010%	8.203 dB
0,0001%	8.344 dB

Go To Local
Show Remote Screen

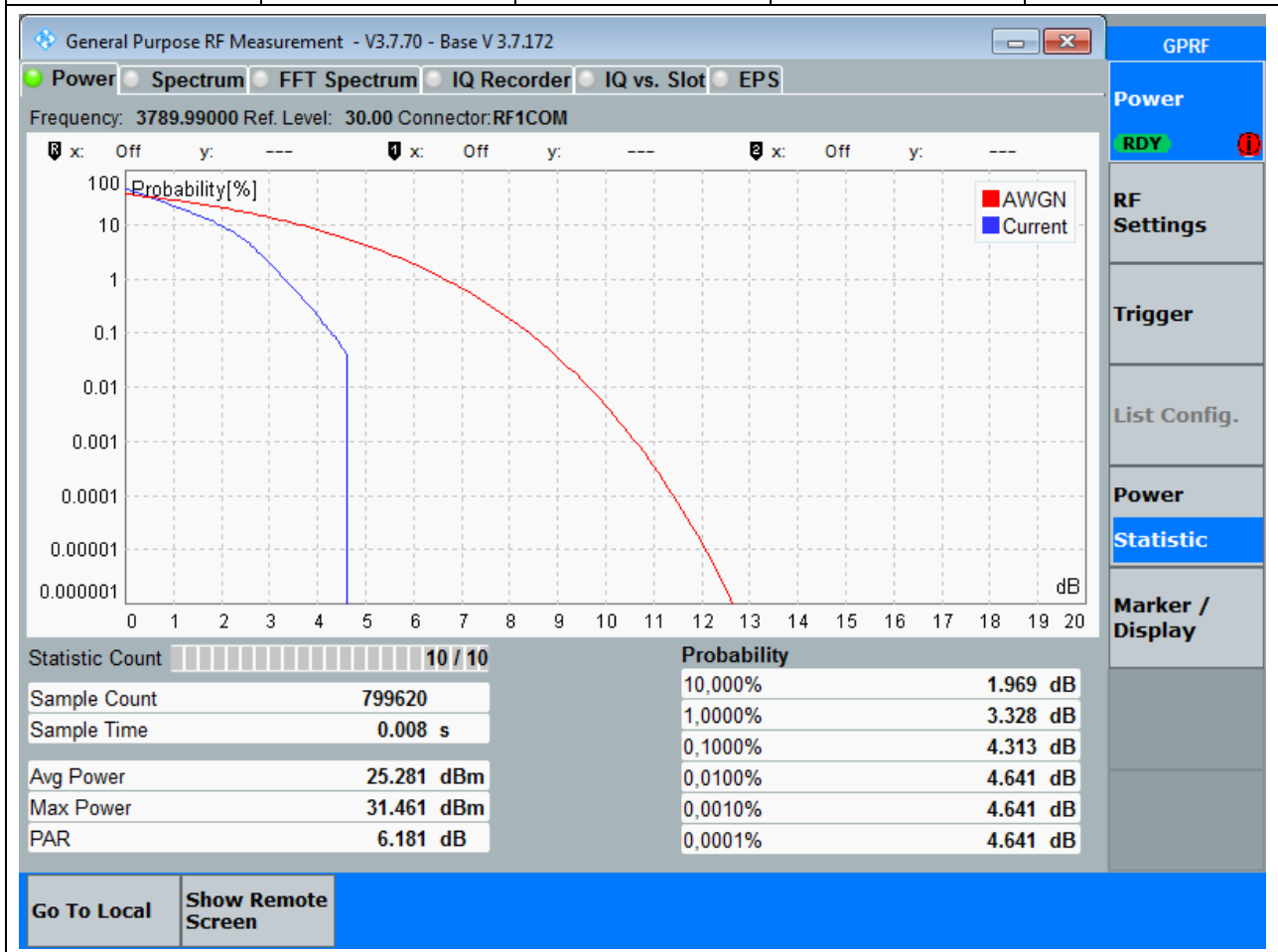
**1.41. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	4.41	13	Pass



**1.42. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	4.31	13	Pass



**1.43. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	4.27	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: 3789.99000 Ref. Level: 30.00 Connector:RF1COM

Statistic Count <span style="float: right;">10 / 10</span>		Probability	
Sample Count	799620	10,000%	2.344 dB
Sample Time	0.008 s	1,0000%	4.125 dB
Avg Power	22.345 dBm	0,1000%	4.266 dB
Max Power	26.723 dBm	0,0100%	4.313 dB
PAR	4.378 dB	0,0010%	4.359 dB
		0,0001%	4.359 dB

Go To Local

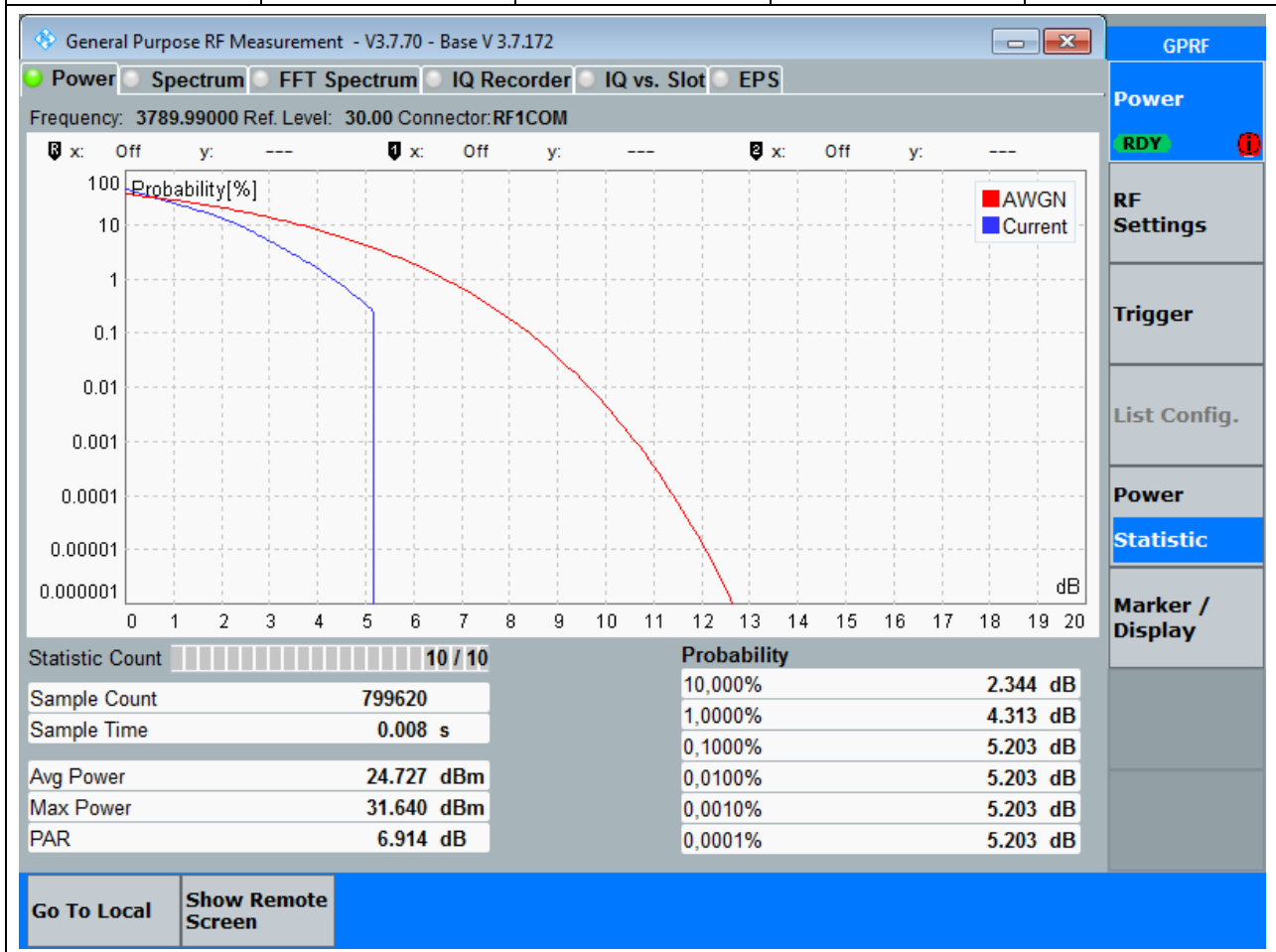
Show Remote Screen

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



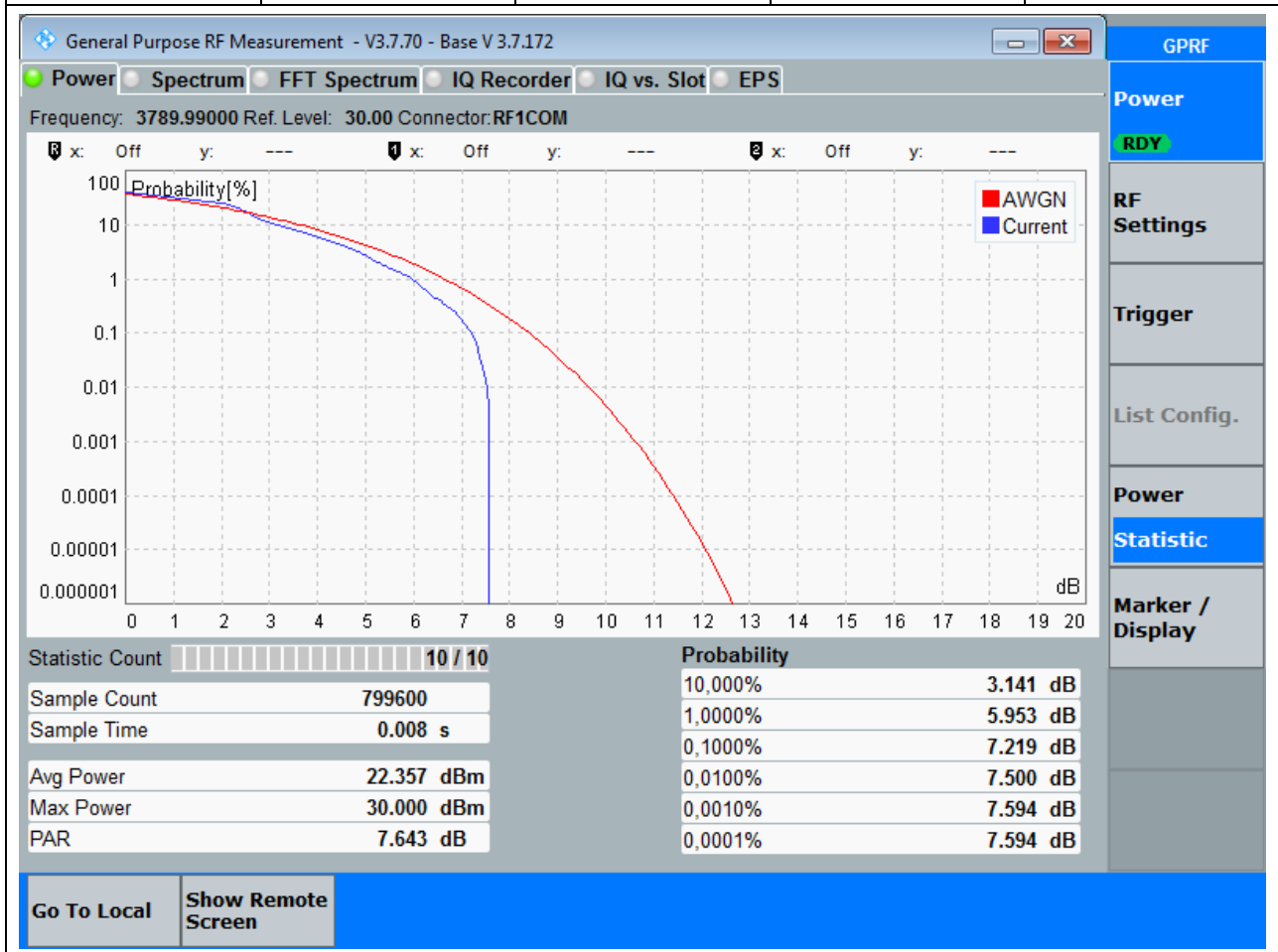
**1.44. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	5.2	13	Pass



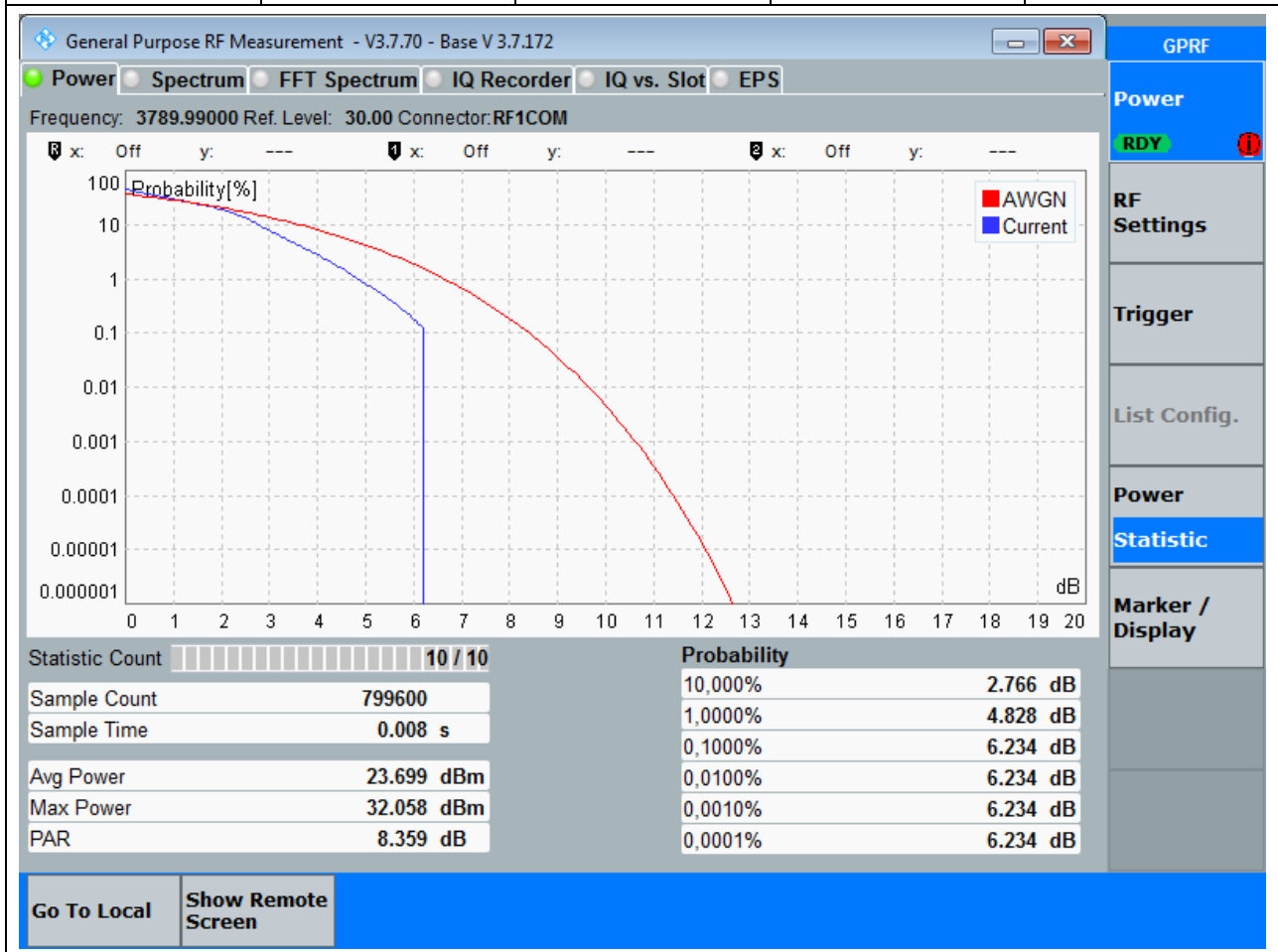
**1.45. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	7.22	13	Pass



**1.46. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	6.23	13	Pass



**1.47. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	6.37	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

RDY

Frequency: 3789.99000 Ref. Level: 30.00 Connector:RF1COM

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

Statistic Count <span style="border: 1px solid gray; padding: 2px;">10 / 10</span>	<b>Probability</b>
Sample Count <span style="border: 1px solid gray; padding: 2px;">799600</span>	10,000% <span style="border: 1px solid gray; padding: 2px;">3.141 dB</span>
Sample Time <span style="border: 1px solid gray; padding: 2px;">0.008 s</span>	1,0000% <span style="border: 1px solid gray; padding: 2px;">5.438 dB</span>
Avg Power <span style="border: 1px solid gray; padding: 2px;">22.089 dBm</span>	0,1000% <span style="border: 1px solid gray; padding: 2px;">6.375 dB</span>
Max Power <span style="border: 1px solid gray; padding: 2px;">28.985 dBm</span>	0,0100% <span style="border: 1px solid gray; padding: 2px;">6.750 dB</span>
PAR <span style="border: 1px solid gray; padding: 2px;">6.897 dB</span>	0,0010% <span style="border: 1px solid gray; padding: 2px;">6.844 dB</span>
	0,0001% <span style="border: 1px solid gray; padding: 2px;">6.844 dB</span>

Go To Local
Show Remote Screen

RF Settings  
 Trigger  
 List Config.  
 Power  
 Statistic  
 Marker / Display

**1.48. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	6.42	13	Pass

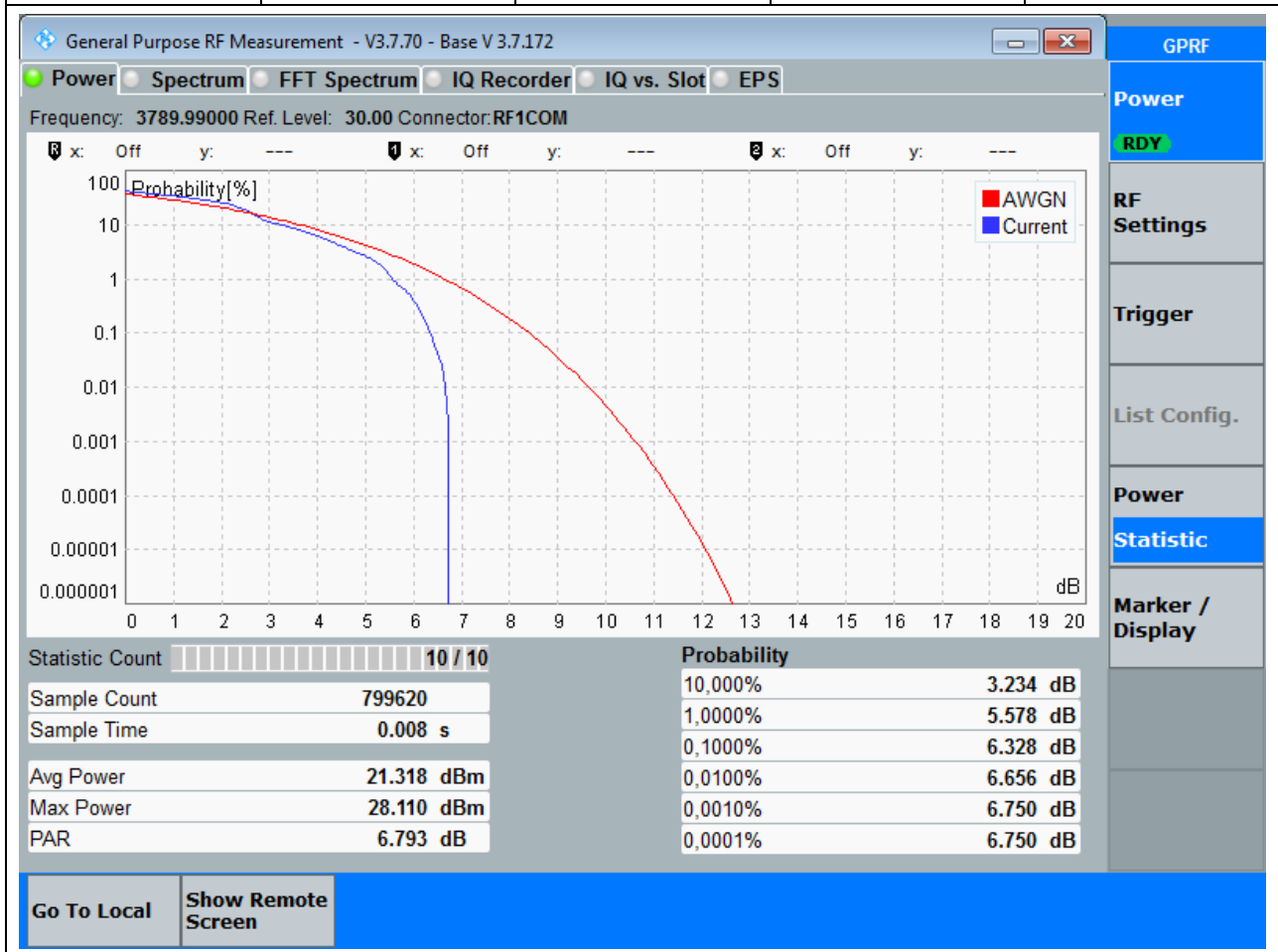
The screenshot displays the 'General Purpose RF Measurement' software interface. The main window shows a graph of Probability [%] versus dB. Two curves are plotted: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a sharp drop at approximately 6.4 dB, indicating the PAR. Below the graph, a statistics table provides the following data:

Statistic	Value	Probability	Value
Sample Count	799620	10,000%	2.859 dB
Sample Time	0.008 s	1,0000%	5.063 dB
Avg Power	23.342 dBm	0,1000%	6.422 dB
Max Power	31.237 dBm	0,0100%	6.609 dB
PAR	7.894 dB	0,0010%	6.609 dB
		0,0001%	6.609 dB

Additional interface elements include a 'Statistic Count' of 10 / 10, a 'Go To Local' button, and a 'Show Remote Screen' button. The right sidebar contains various control options like 'GPRF', 'Power', 'RF Settings', 'Trigger', and 'List Config.'.

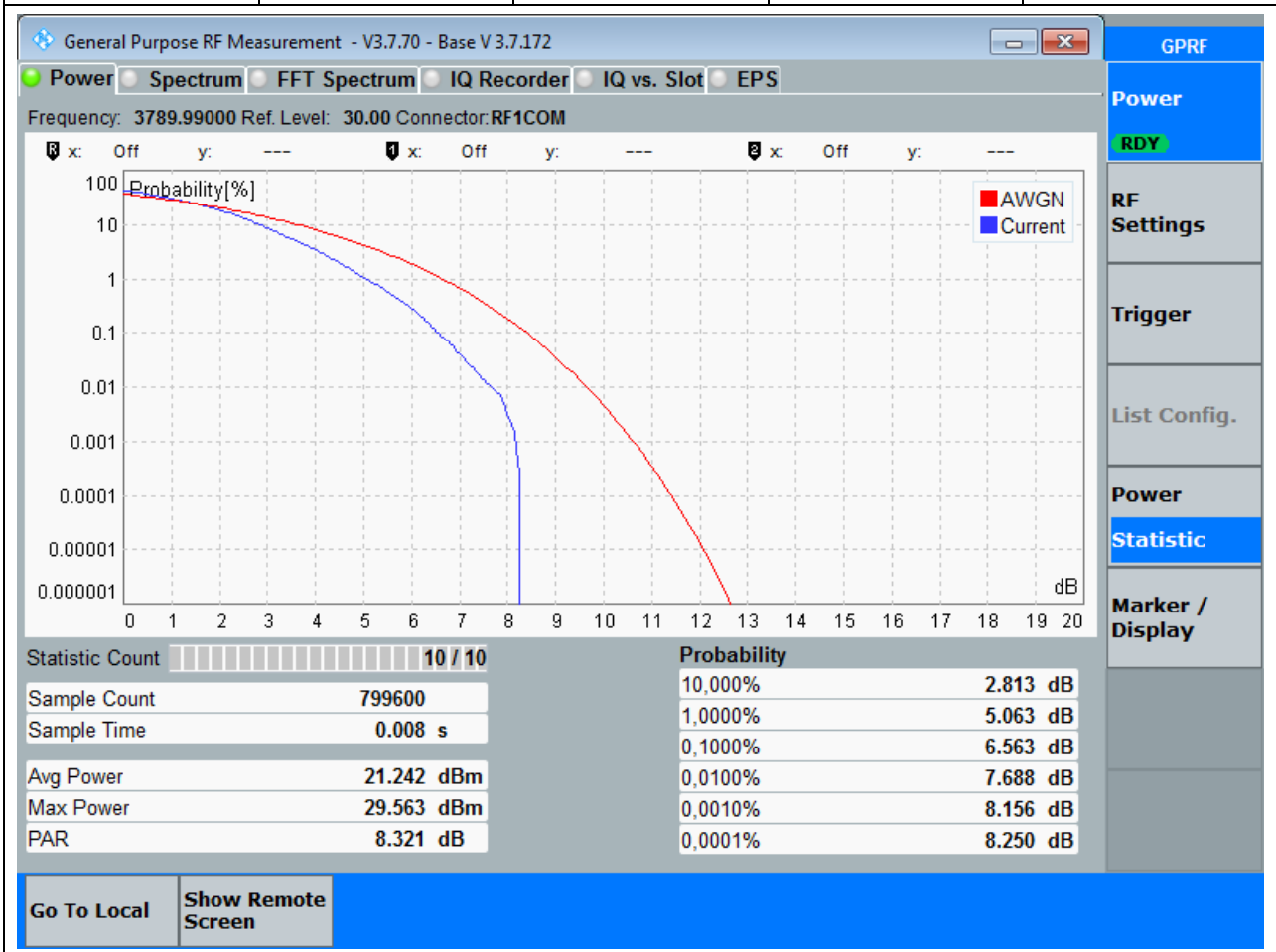
**1.49. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	6.33	13	Pass



**1.50. Peak to Average Ratio for SA\_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)**

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3789.99	0.1	6.56	13	Pass



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