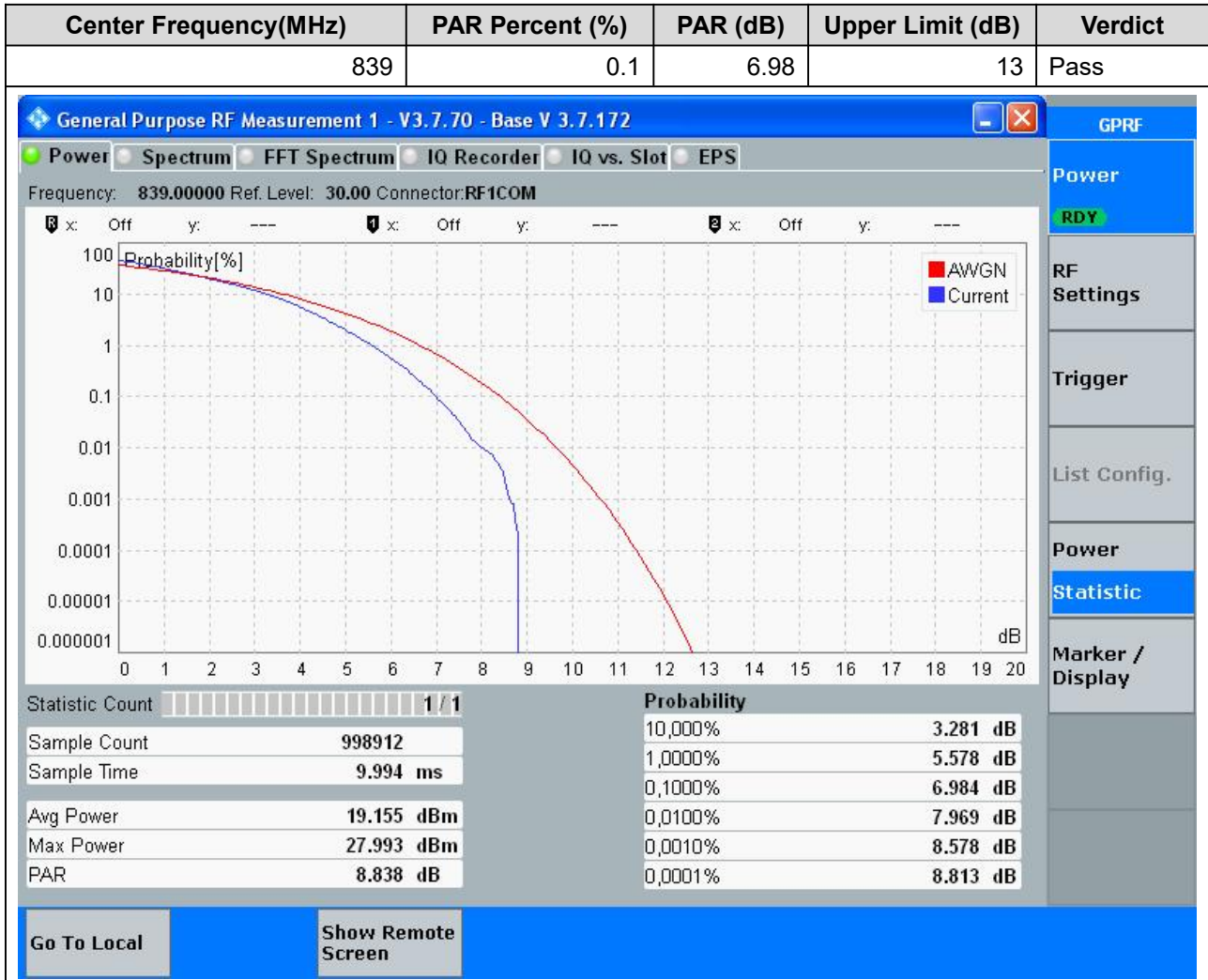
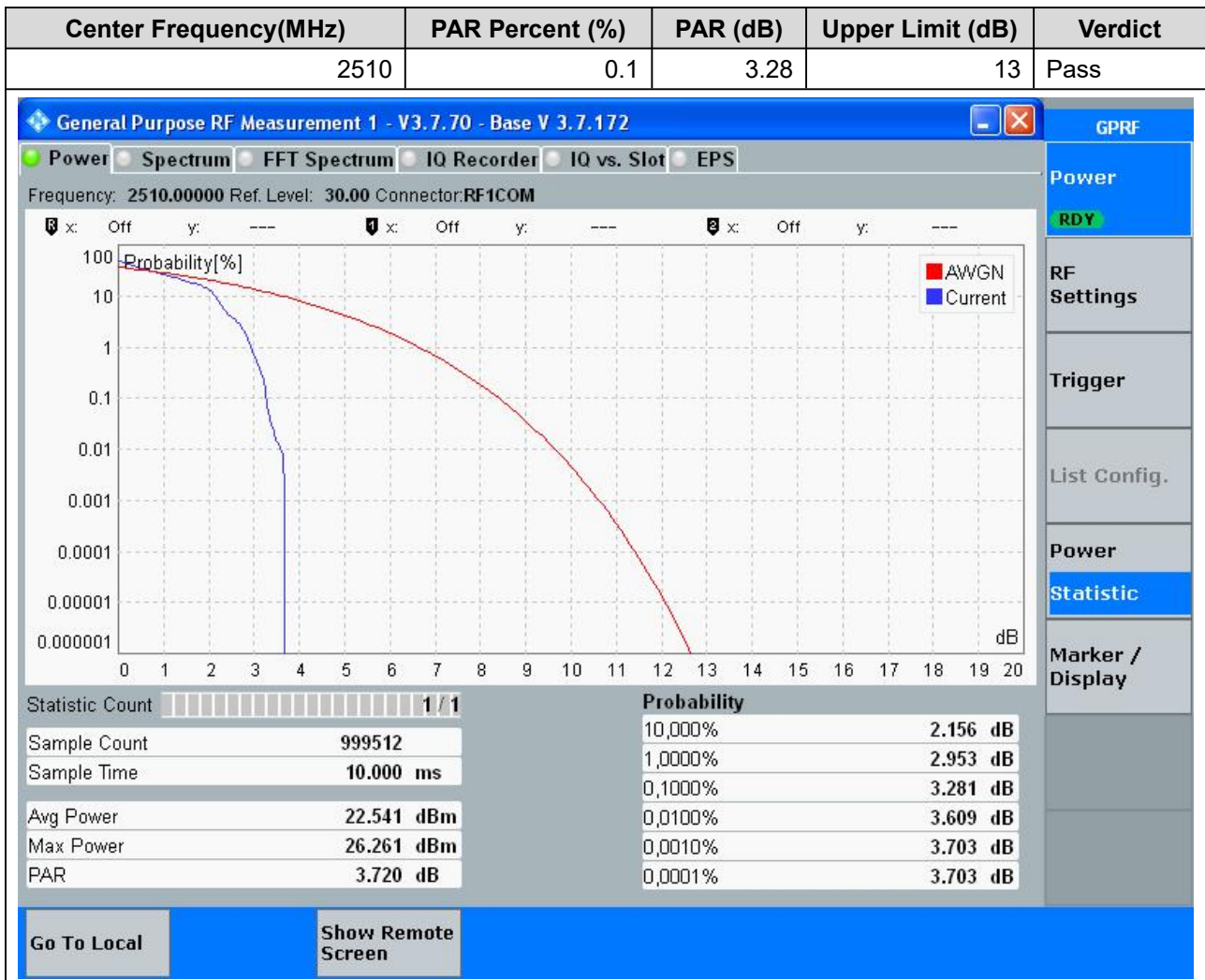


18.30. Peak to Average Ratio for SA(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

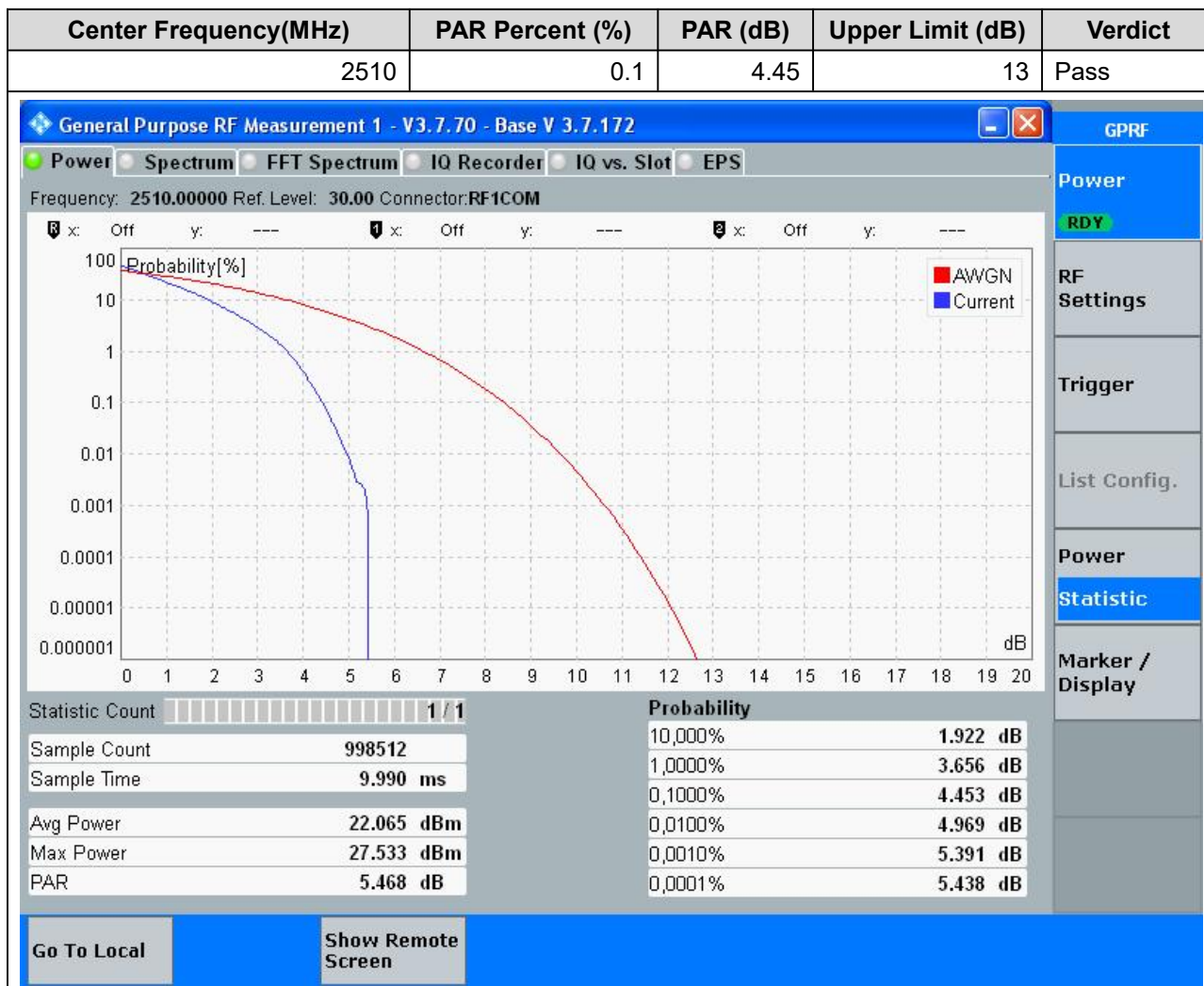


19. n7

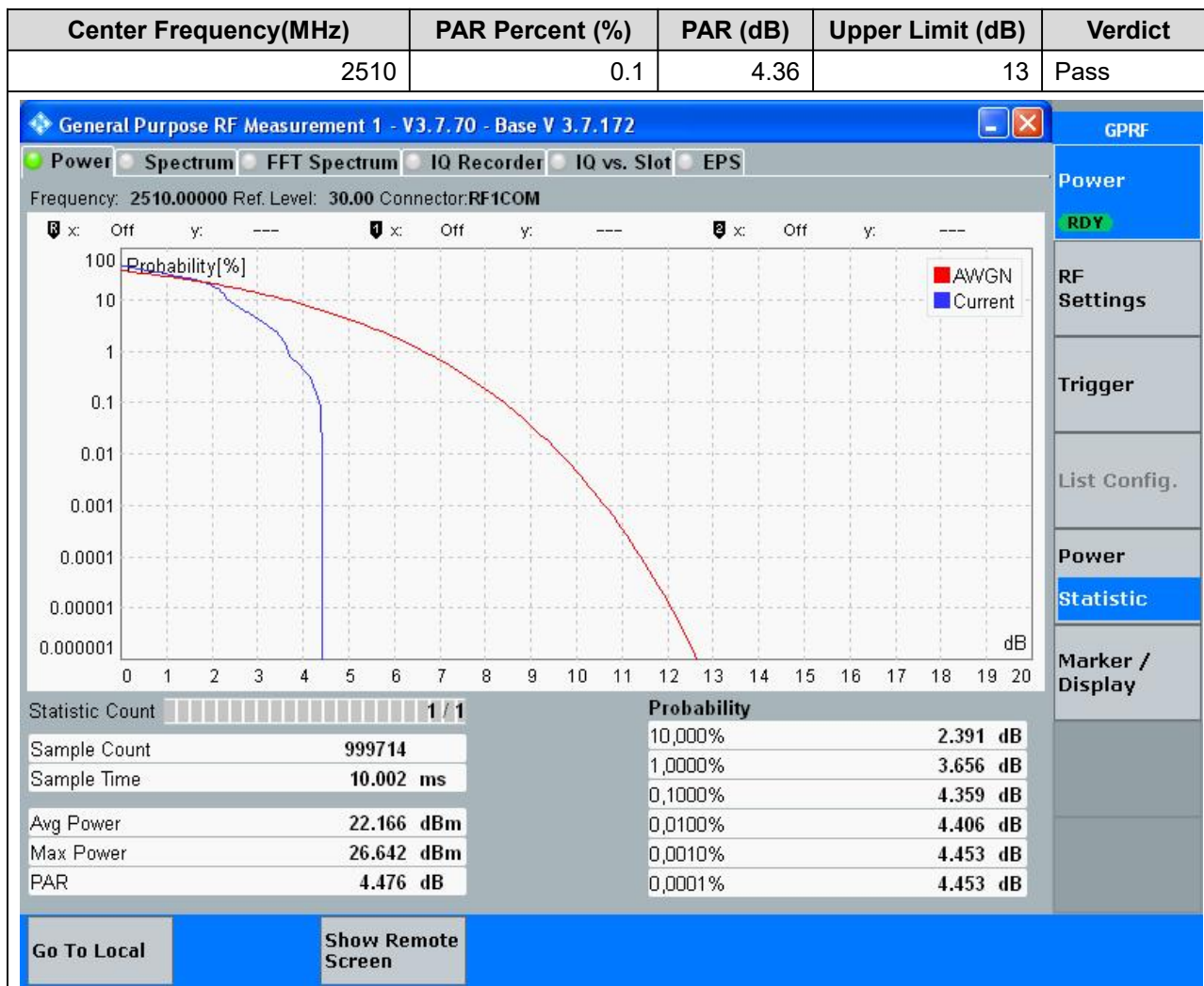
19.1. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



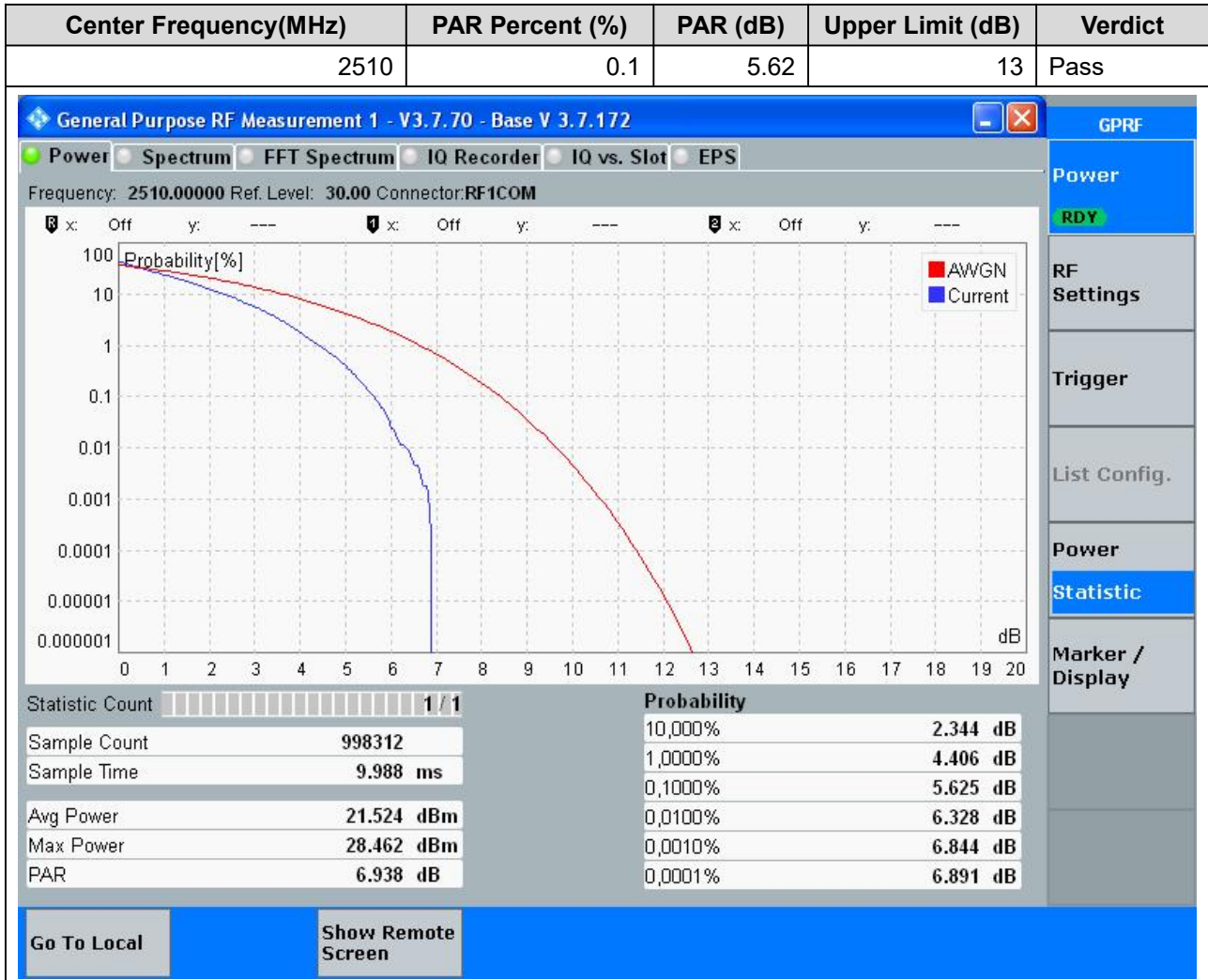
19.2. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)



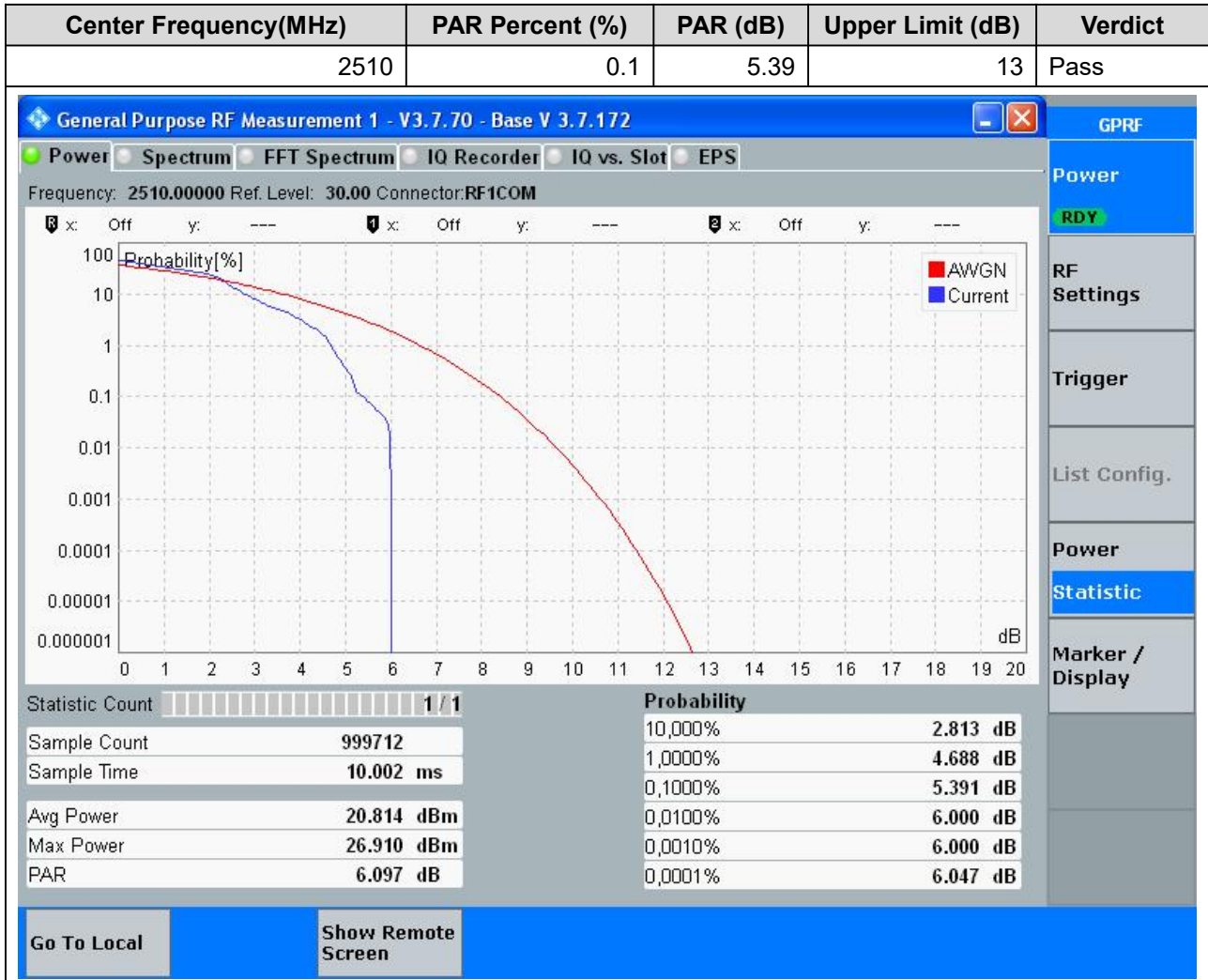
19.3. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)



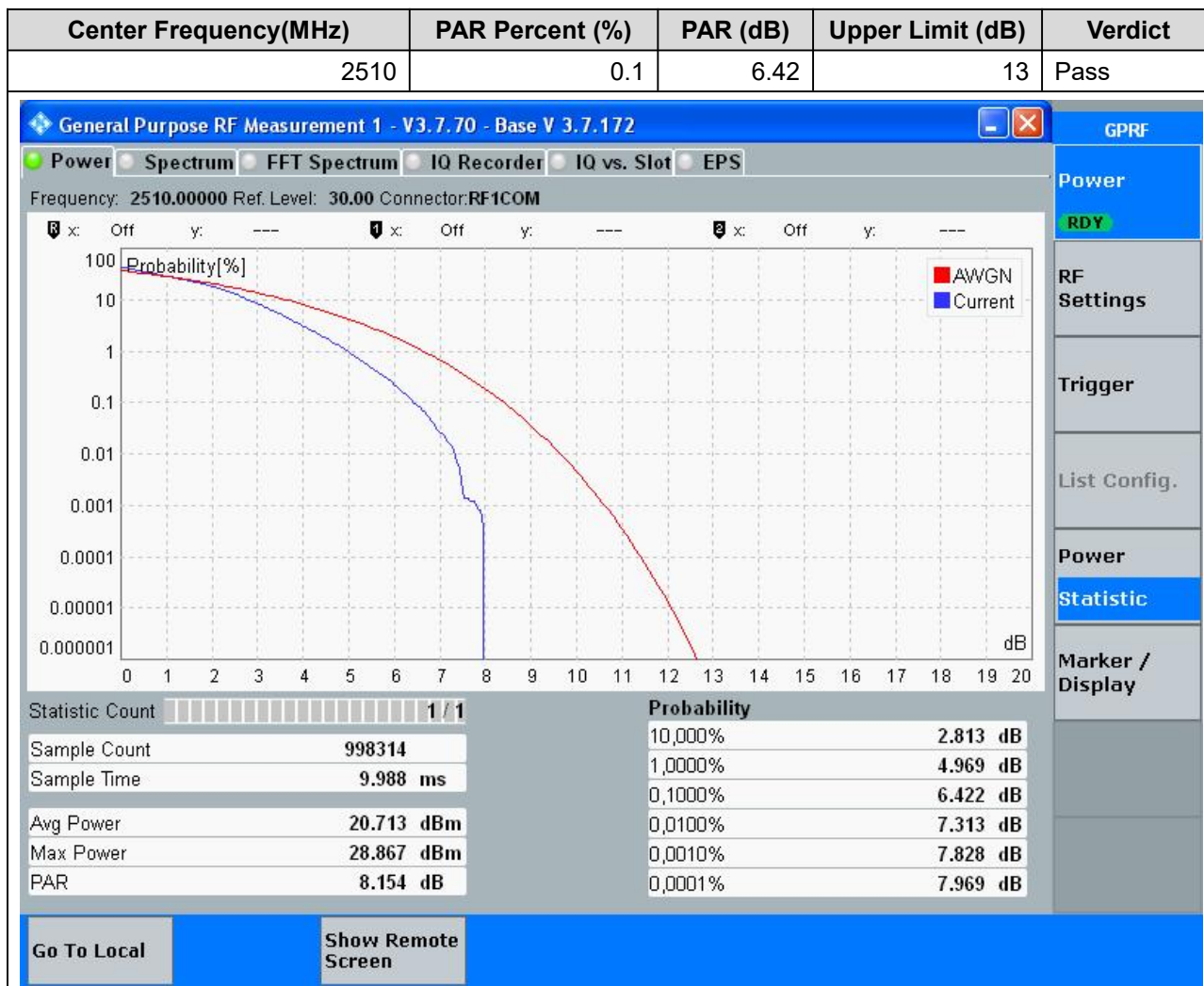
19.4. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)



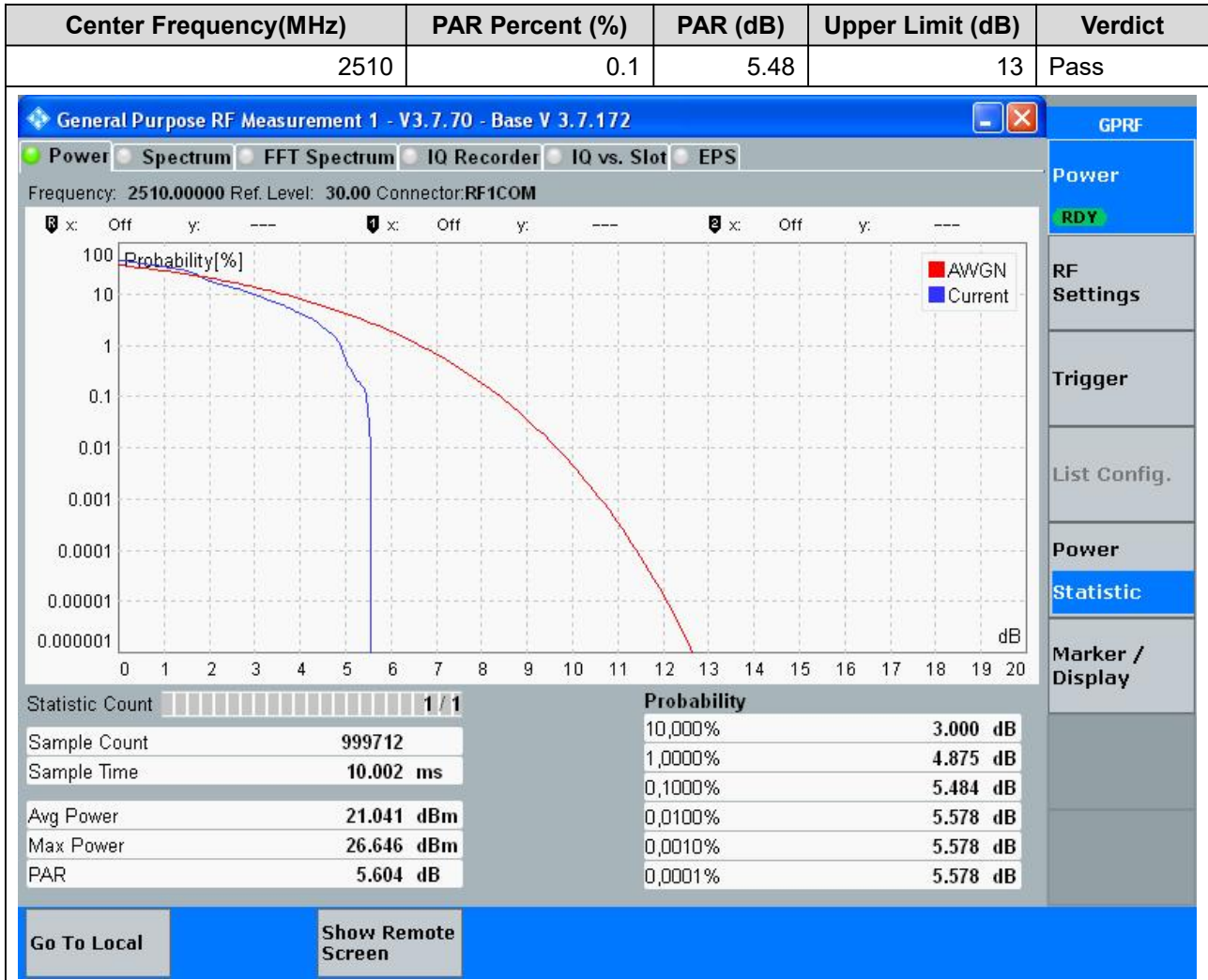
19.5. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



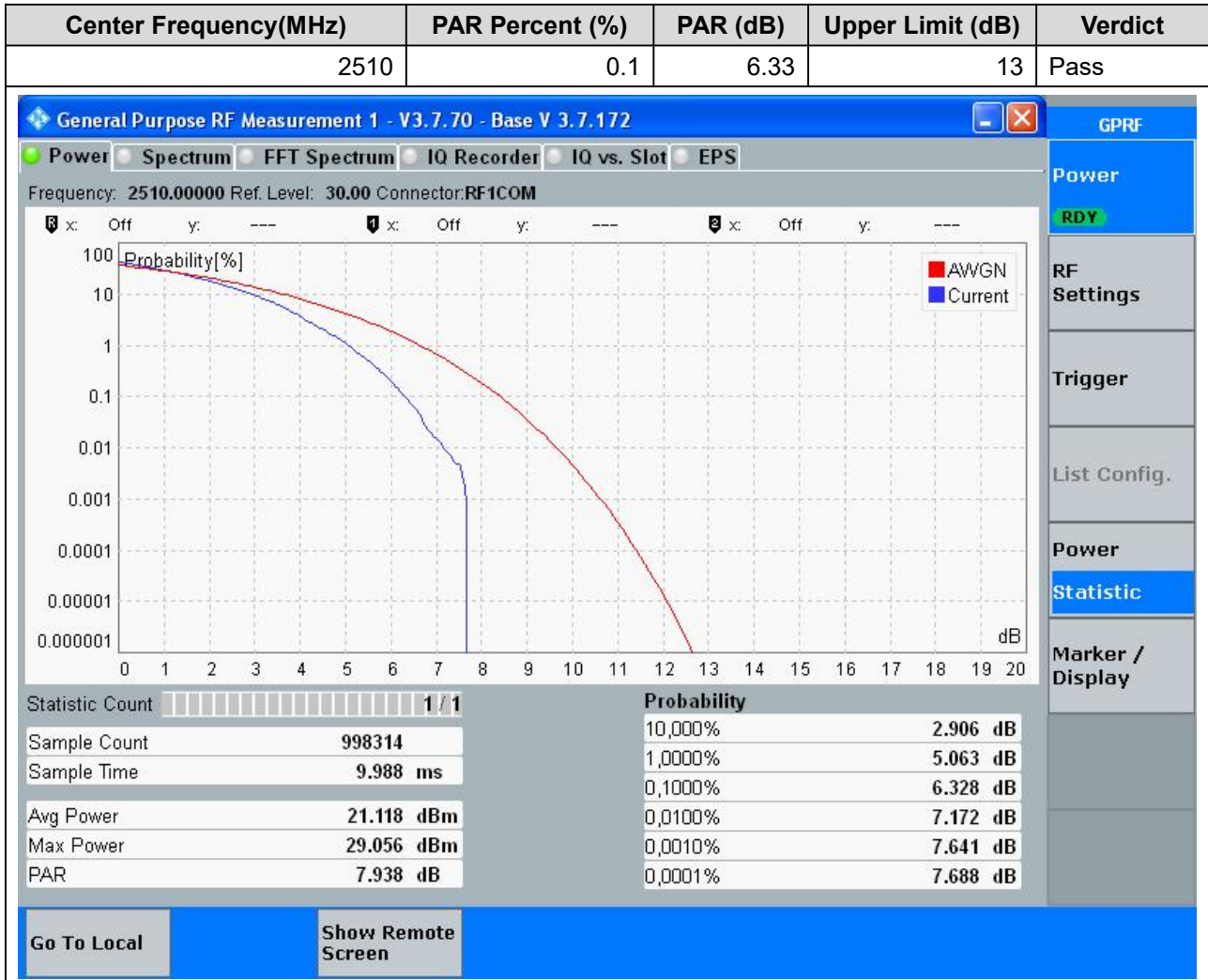
19.6. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)



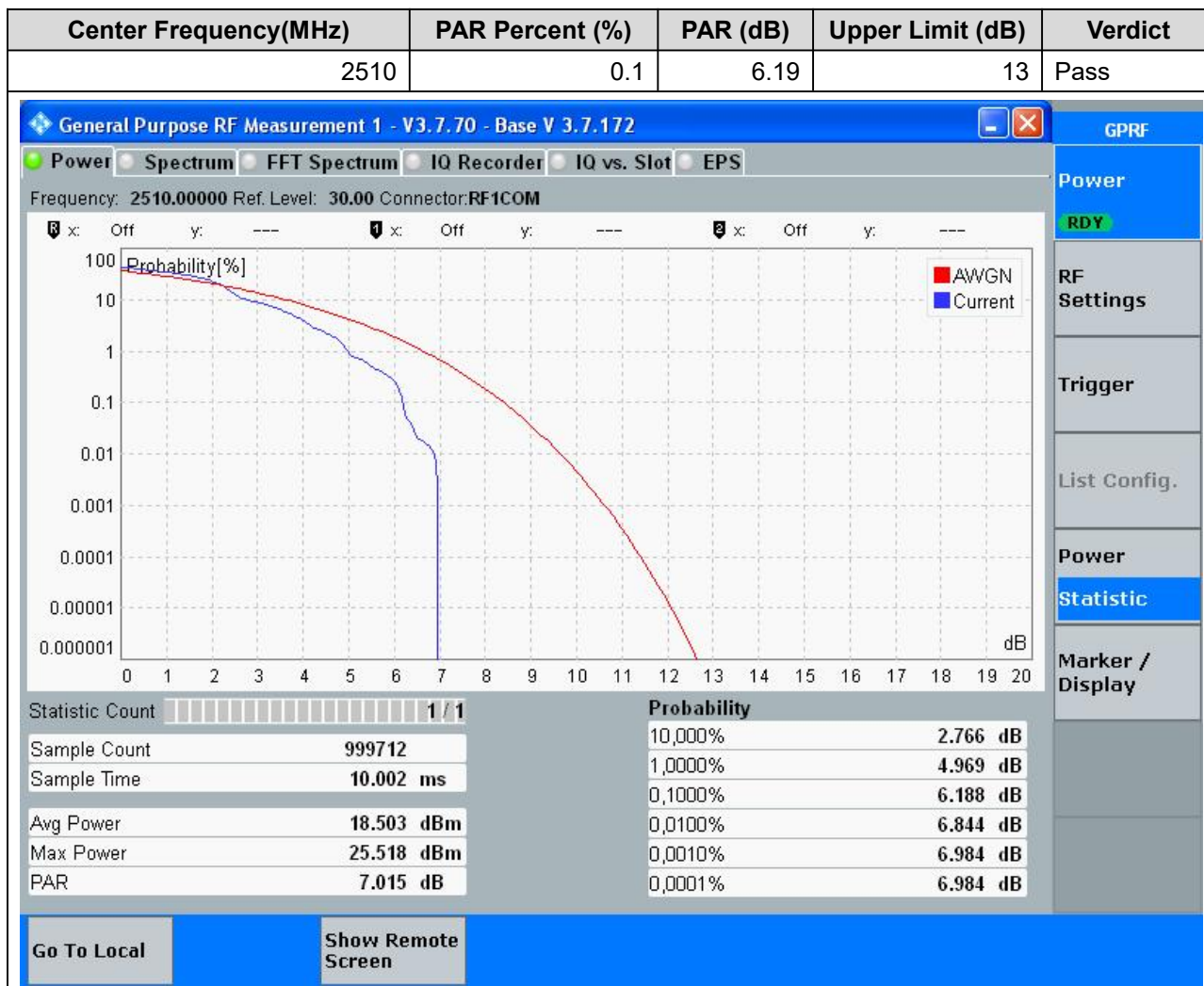
19.7. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)



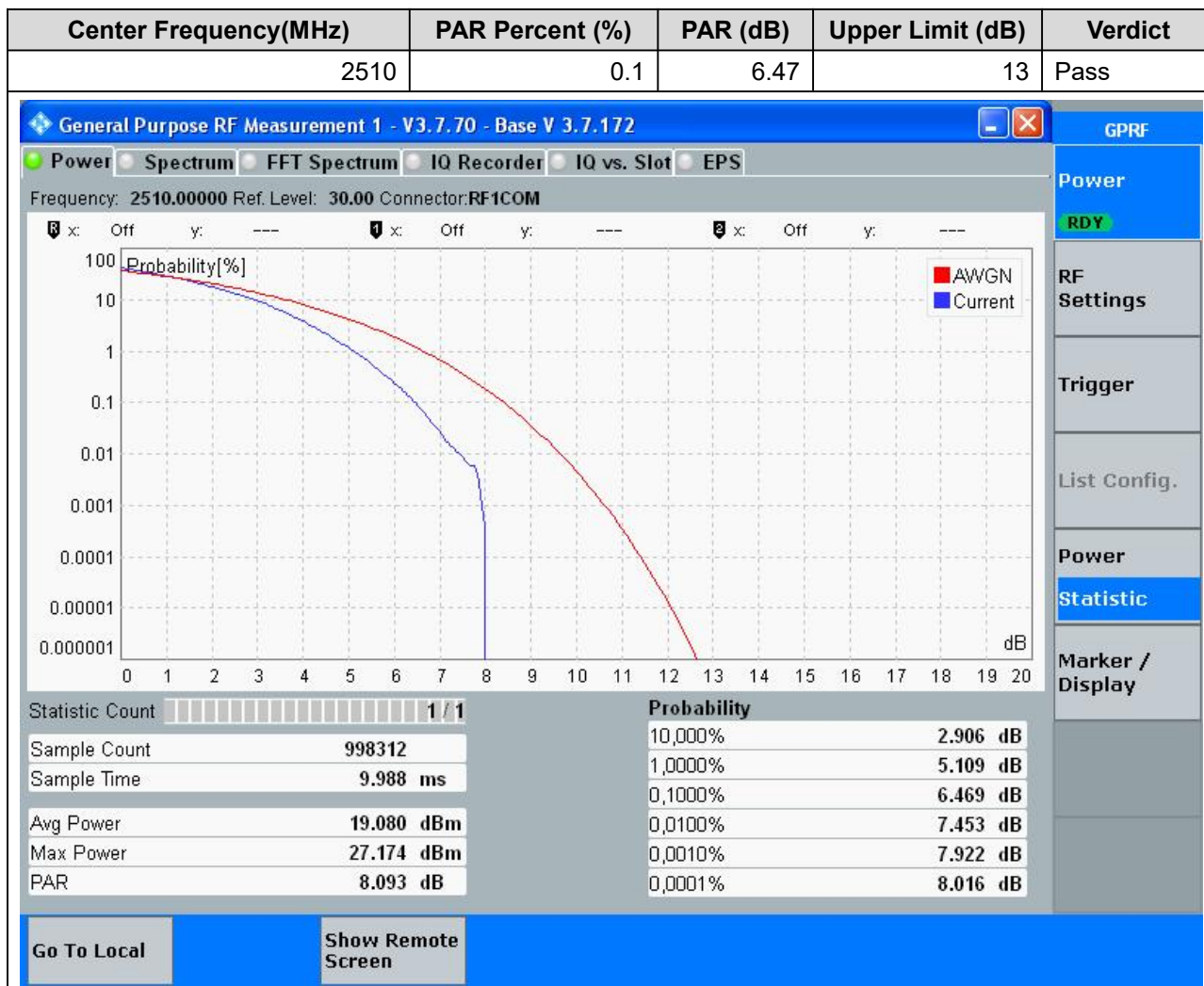
19.8. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)



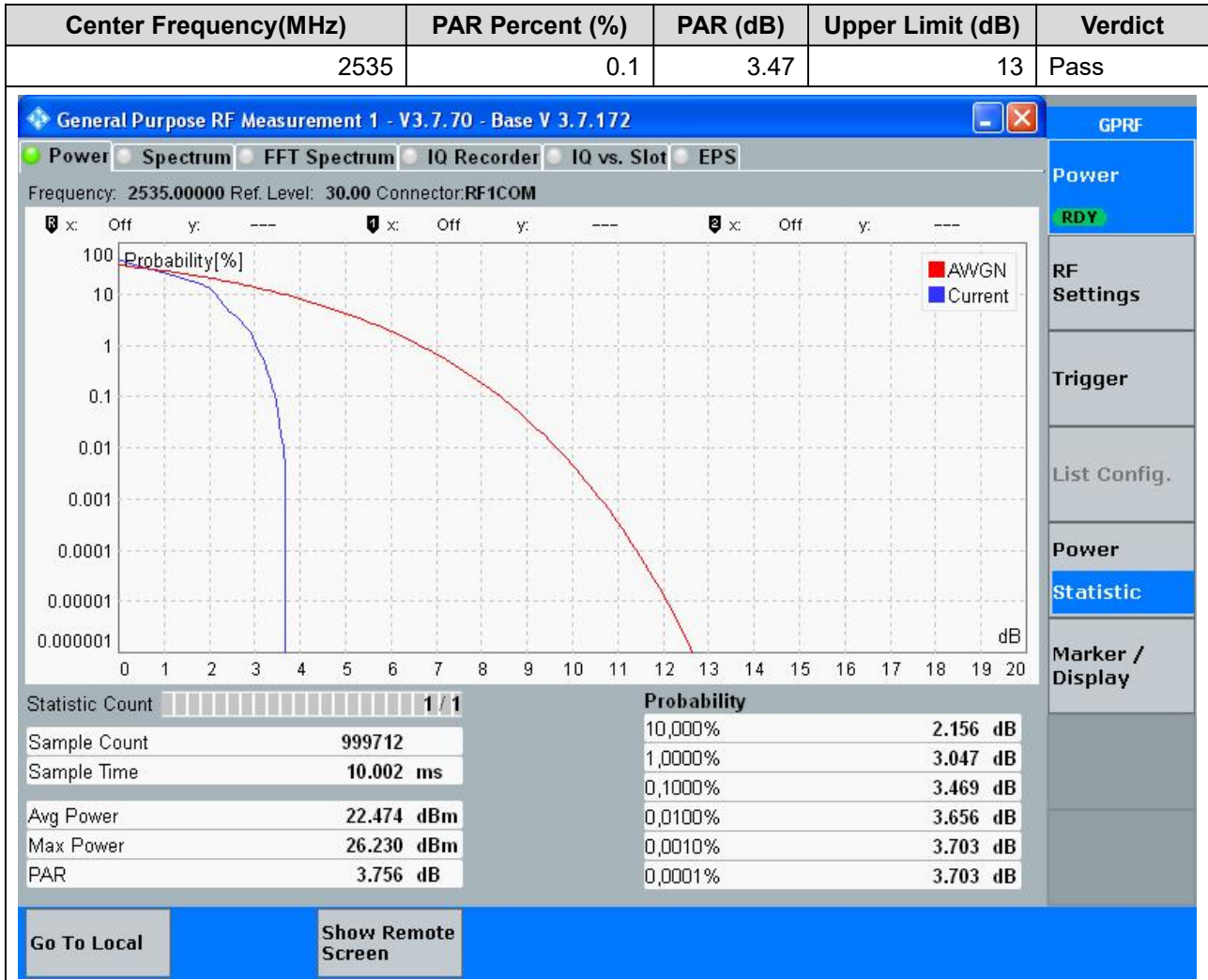
19.9. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)



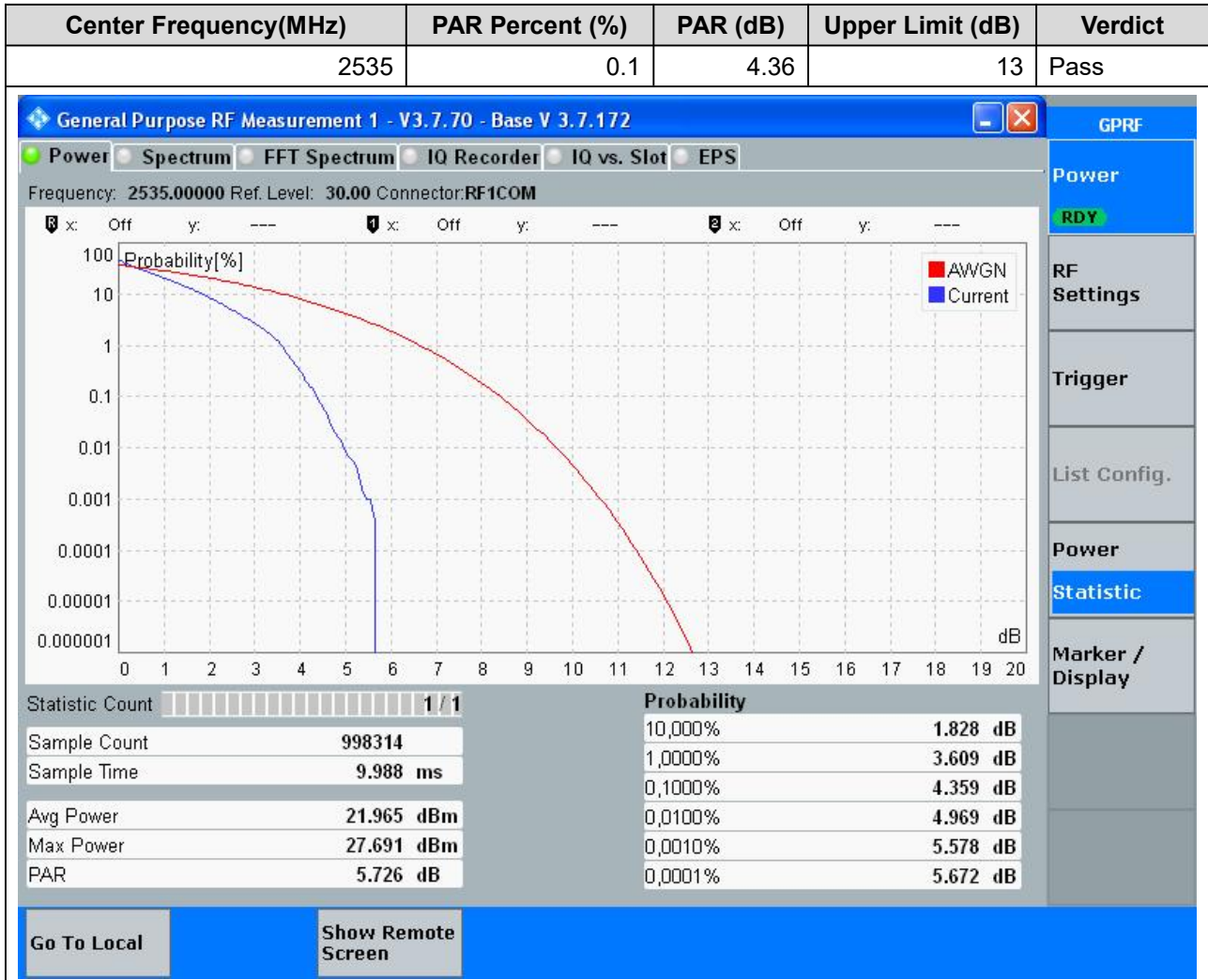
19.10. Peak to Average Ratio for SA(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)



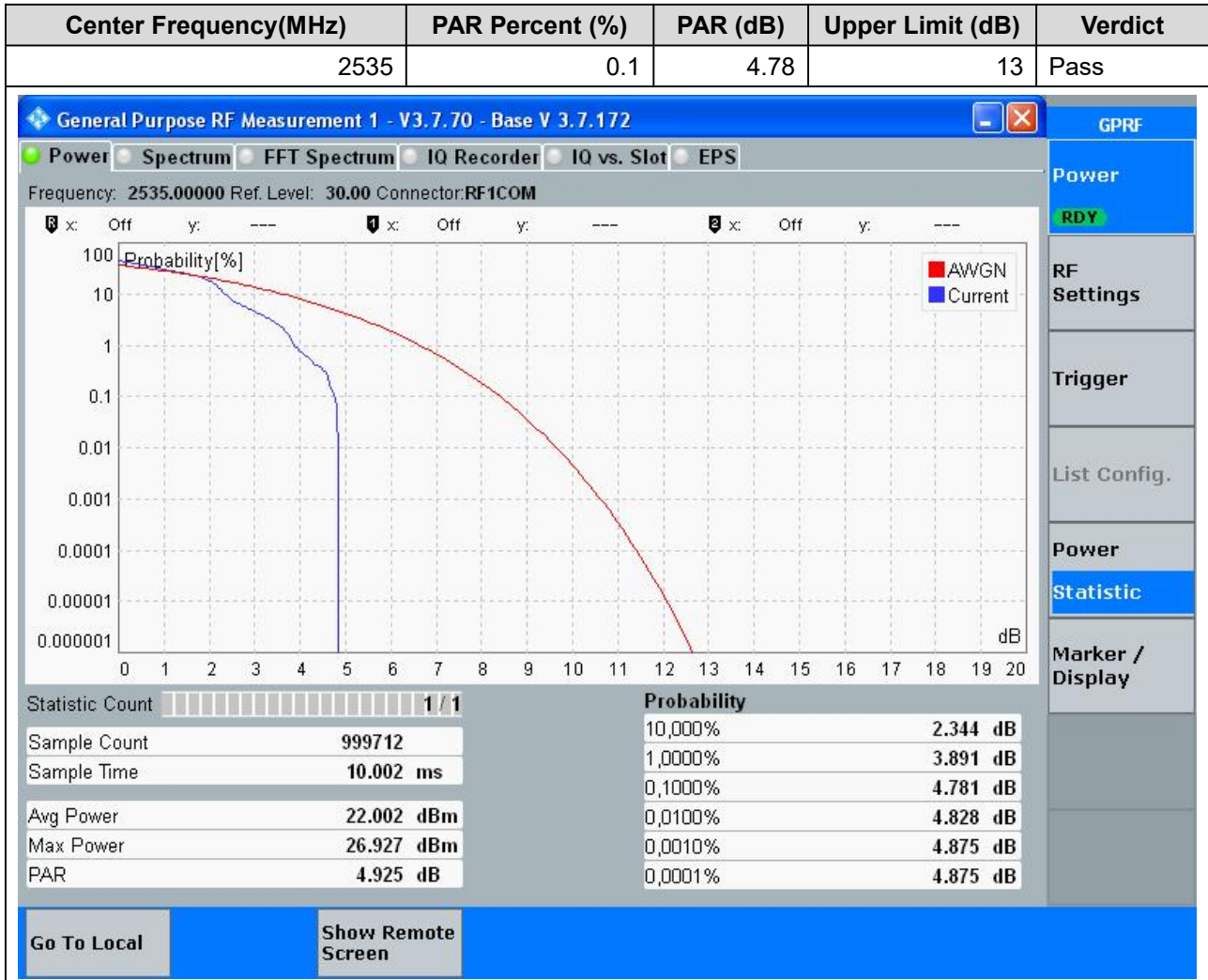
19.11. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



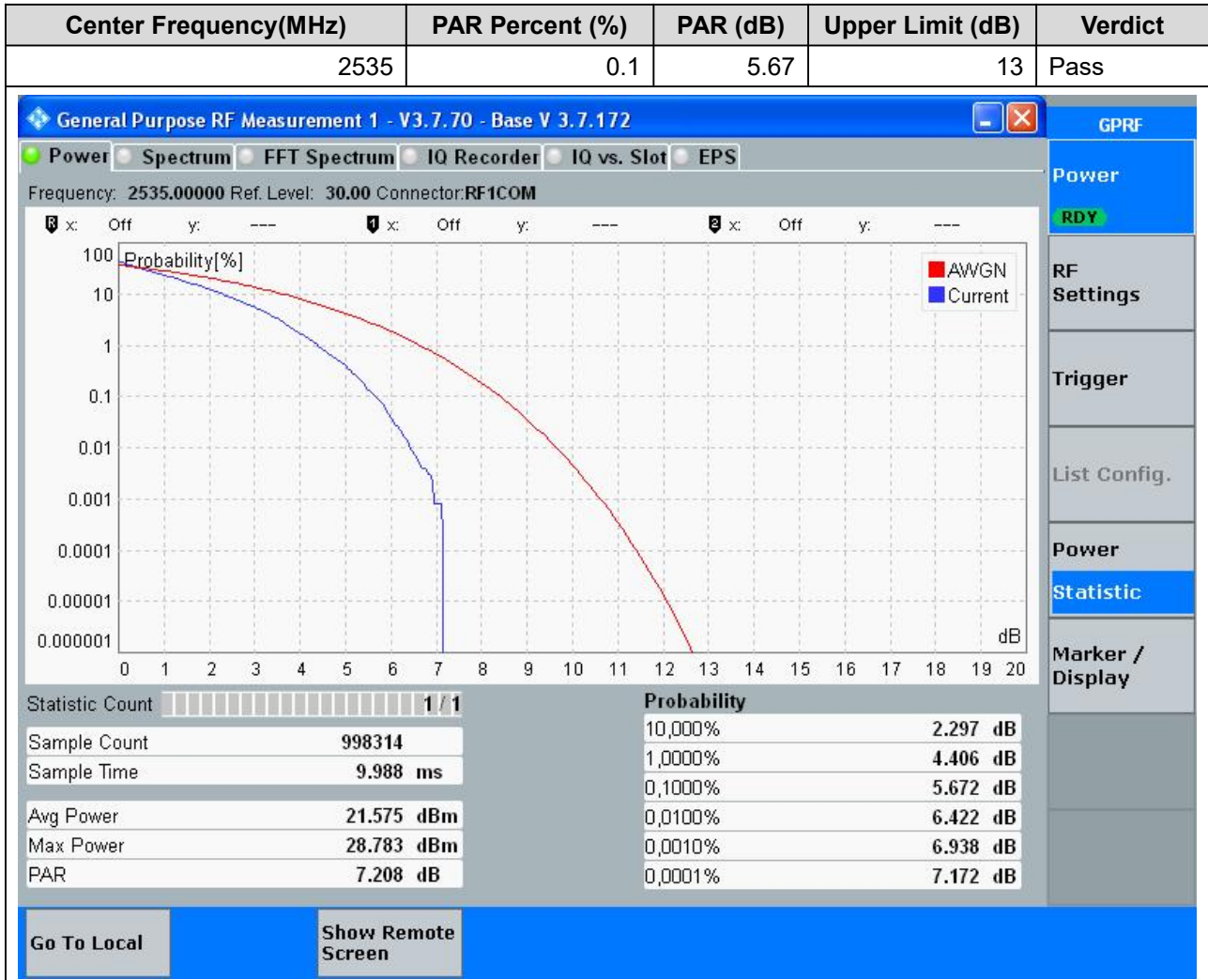
19.12. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)



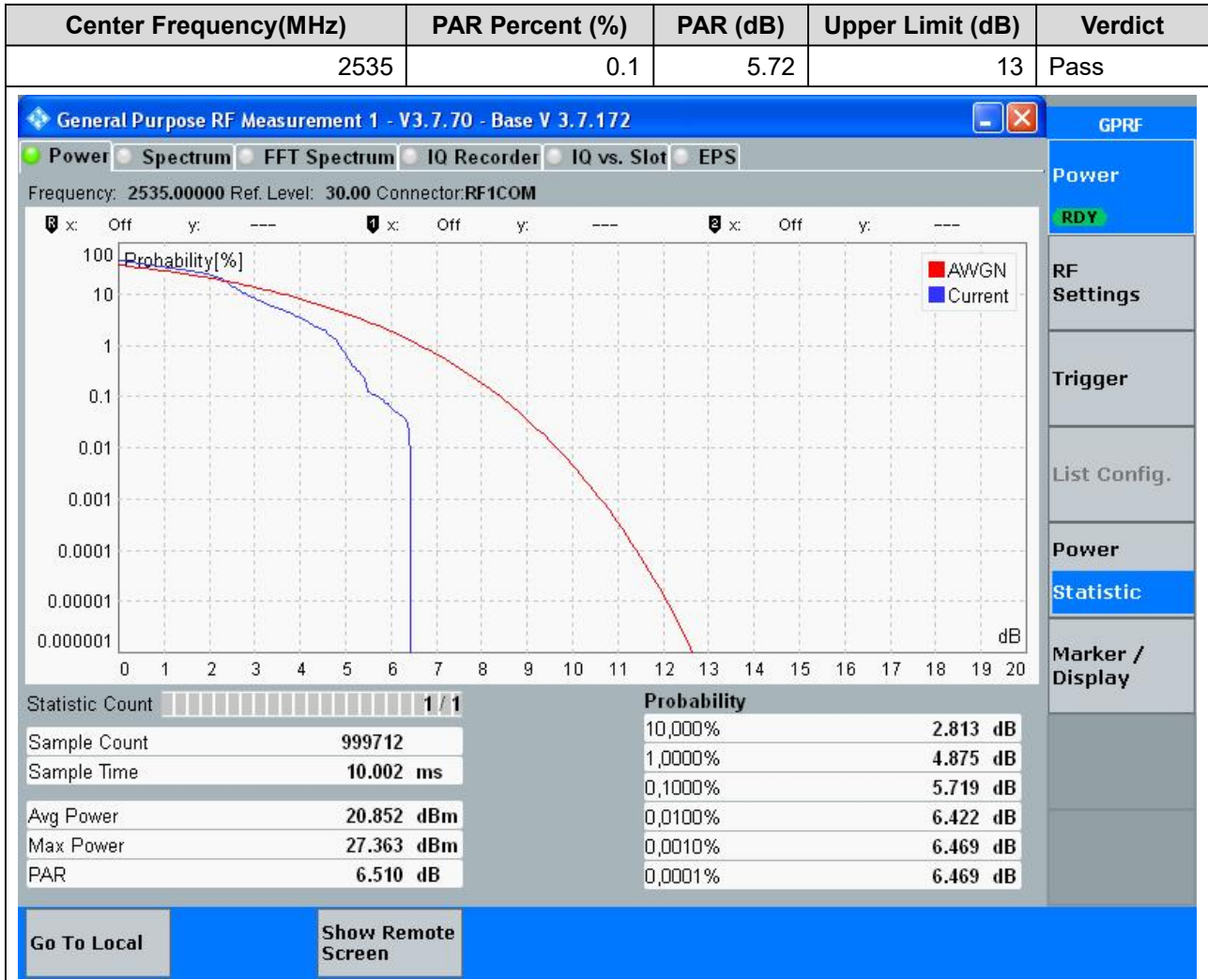
19.13. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)



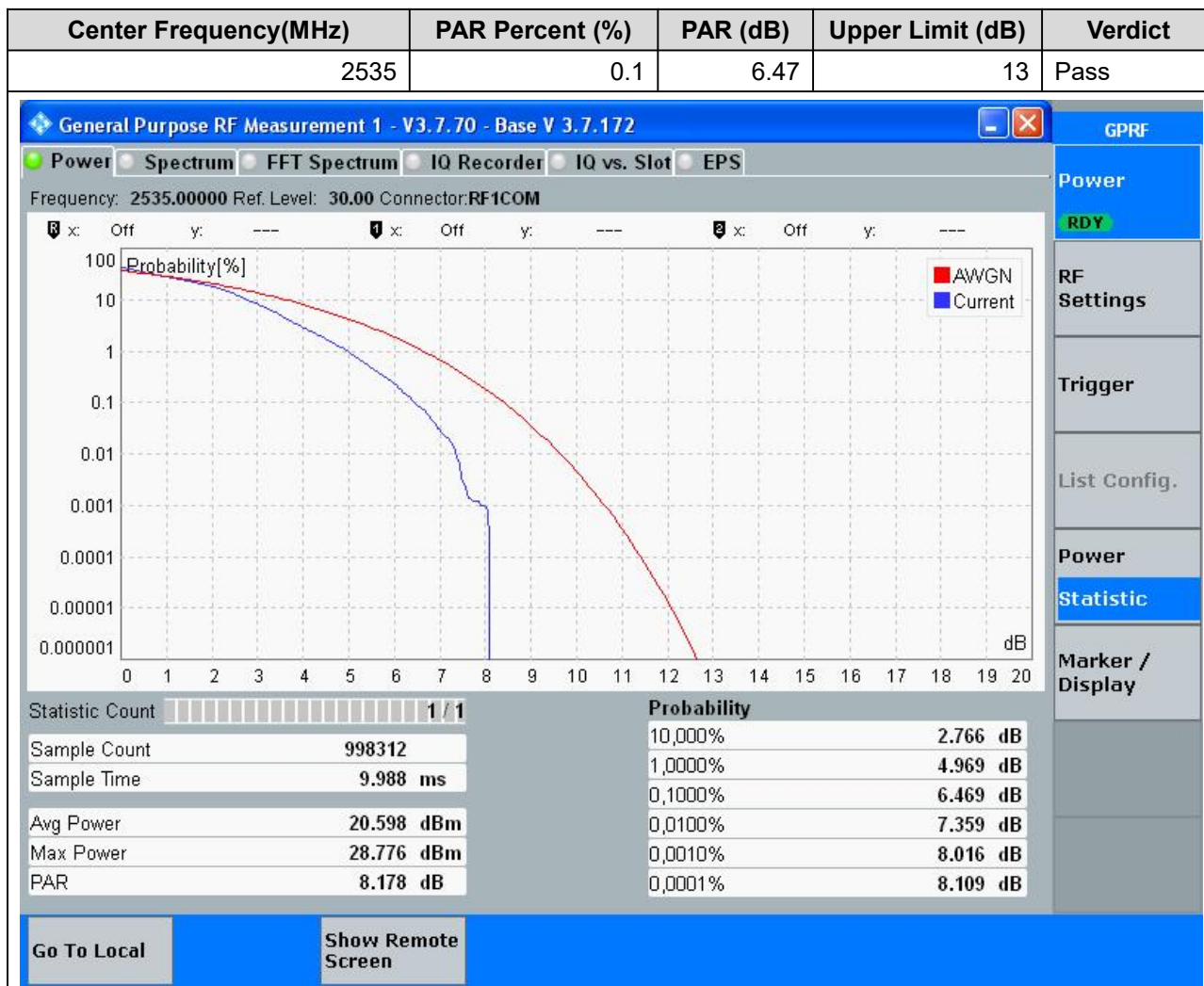
19.14. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)



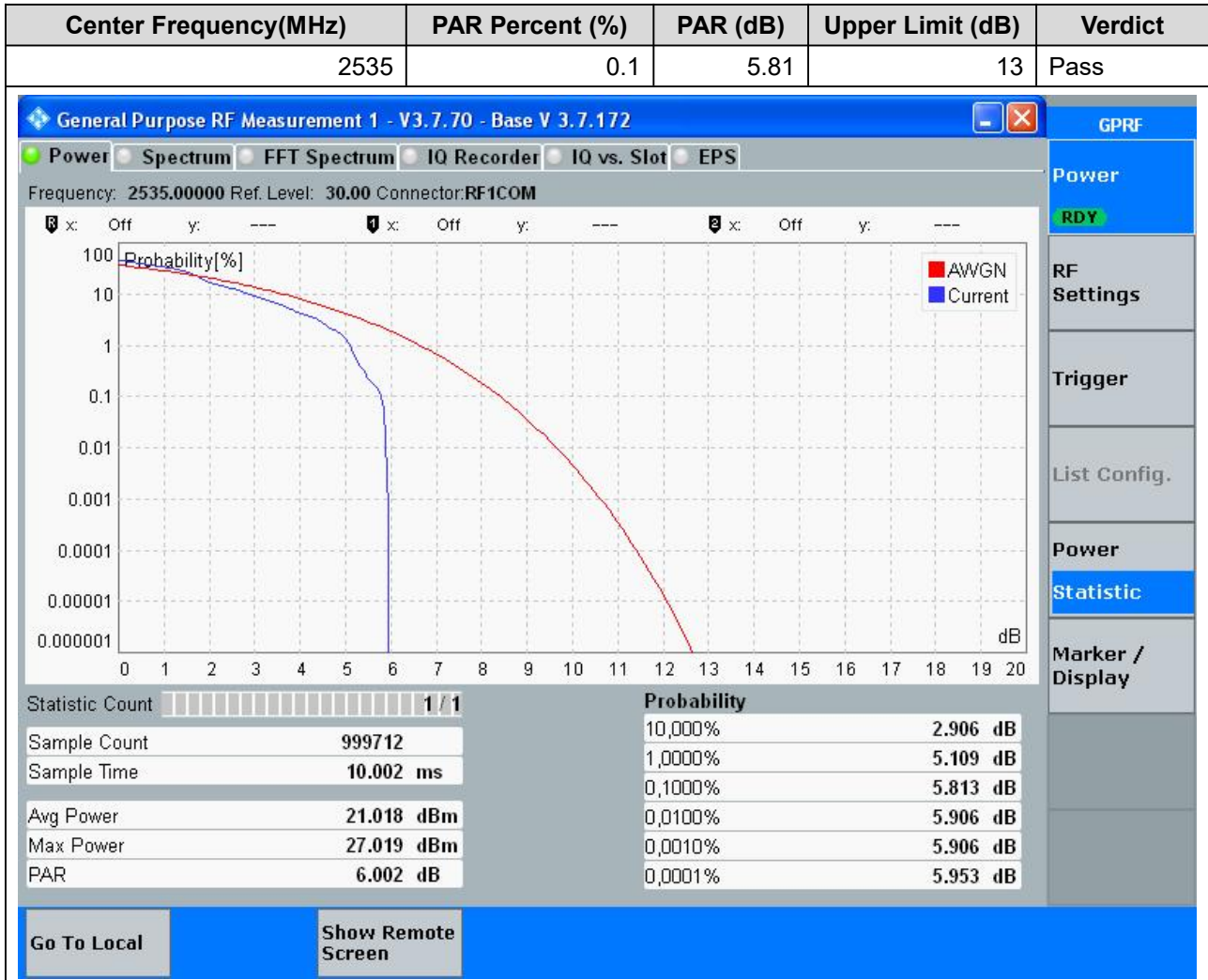
19.15. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



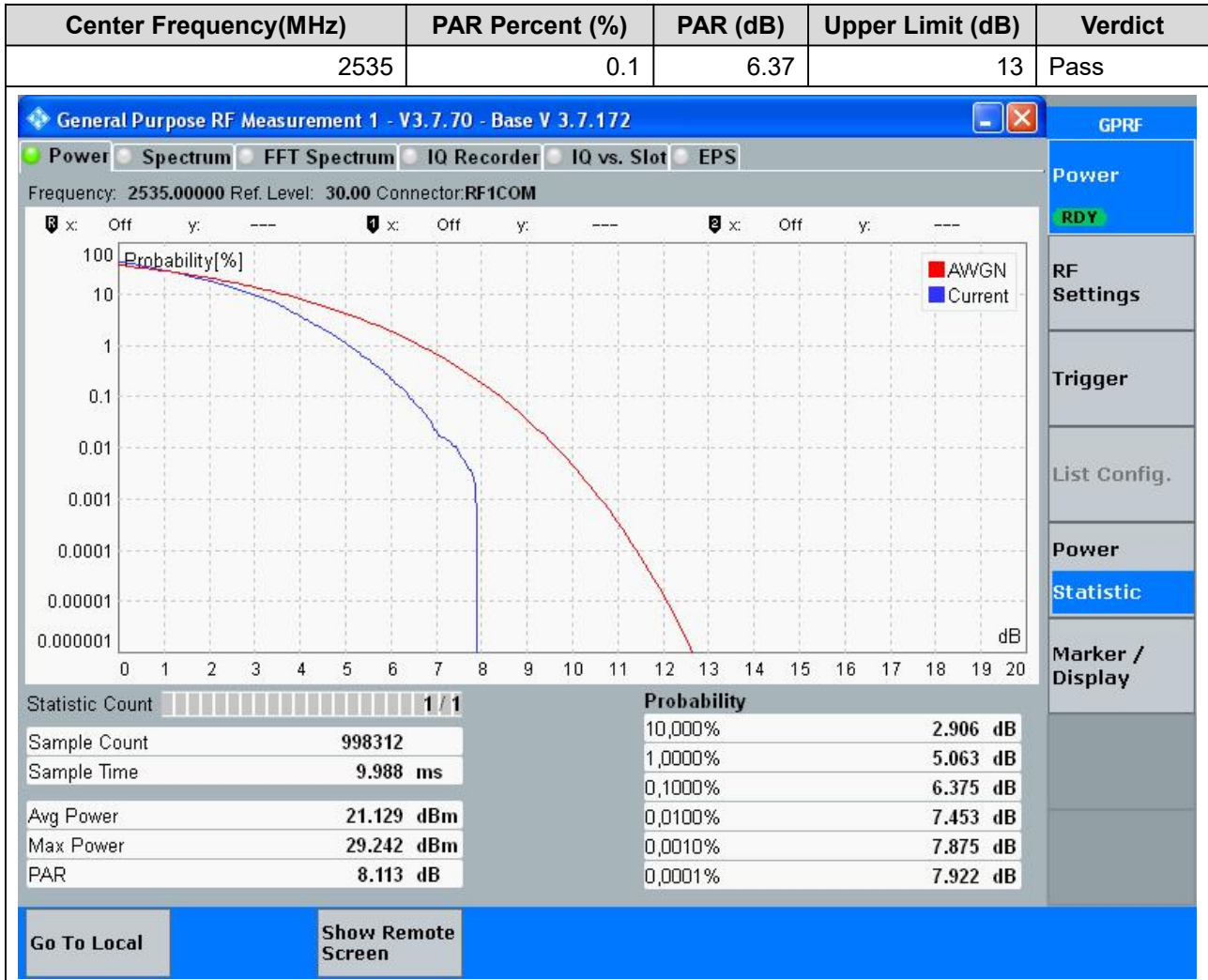
19.16. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)



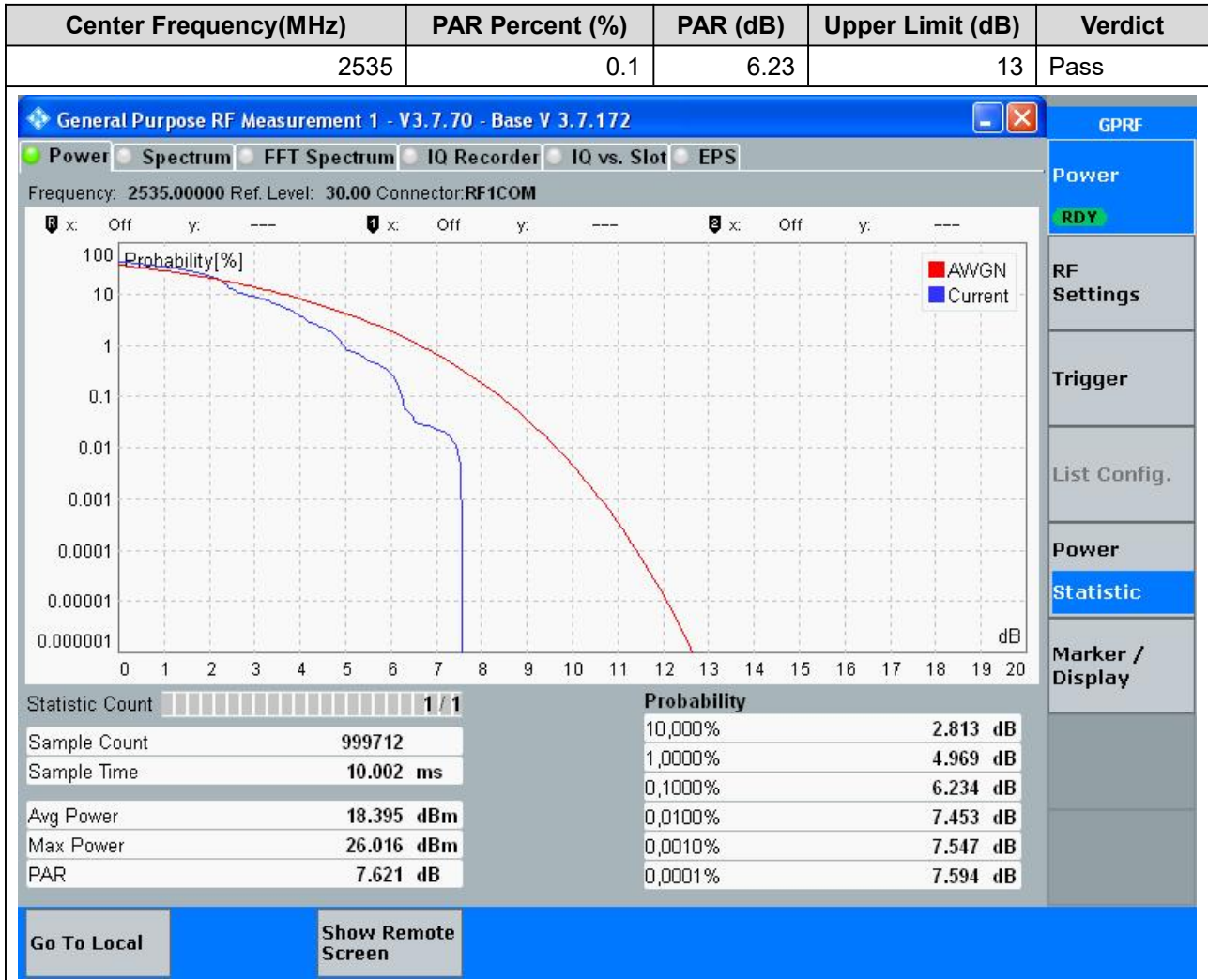
19.17. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)



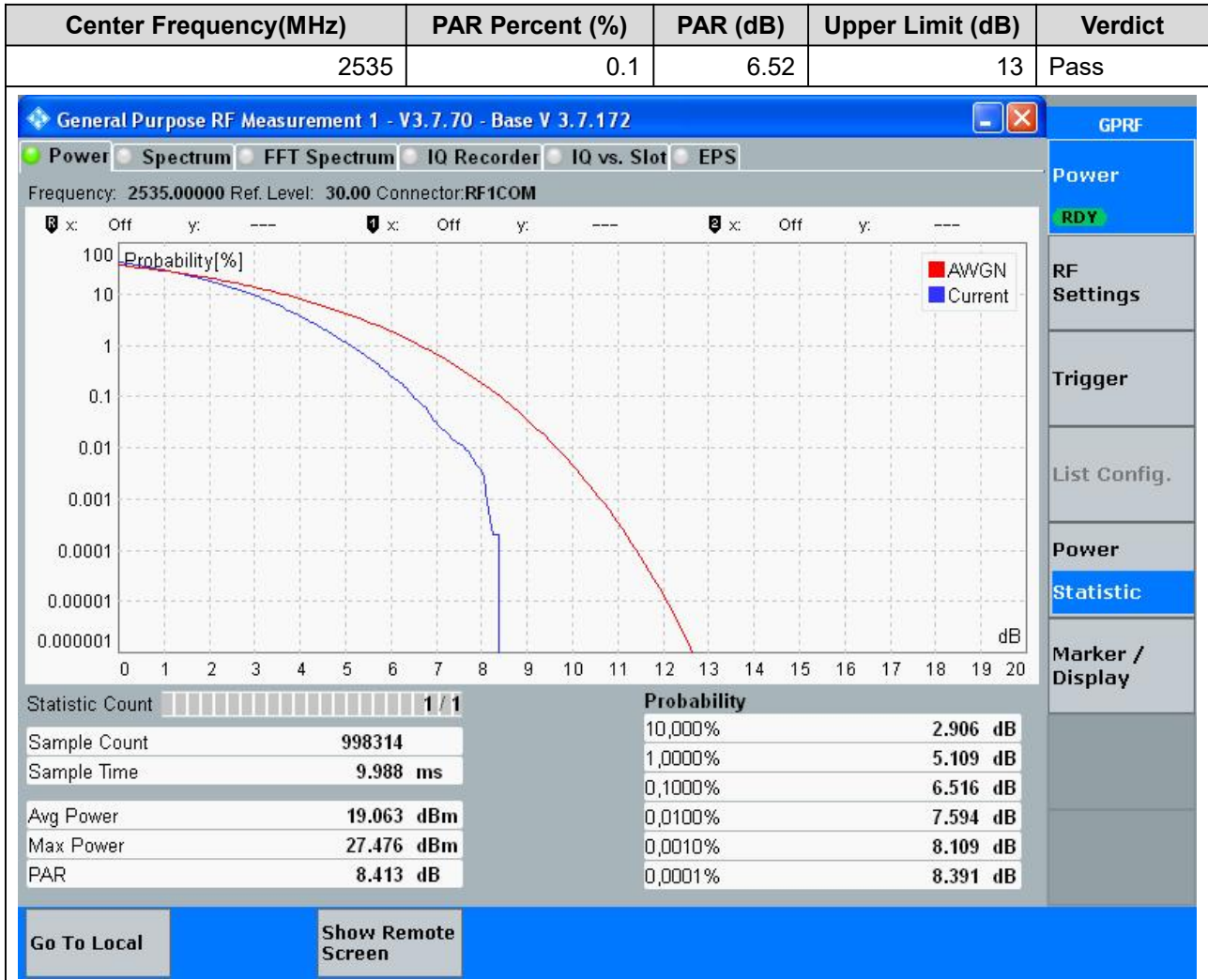
19.18. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)



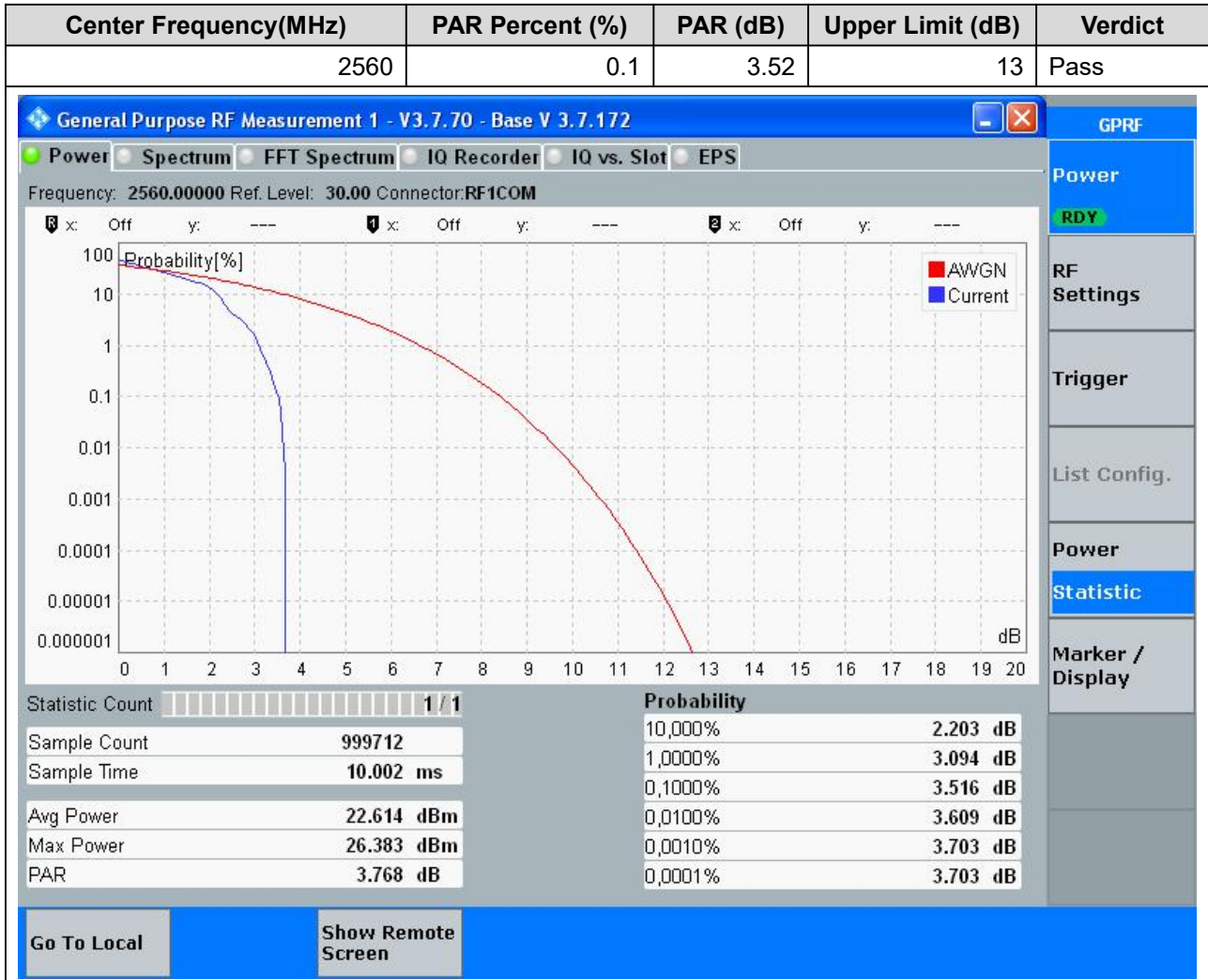
19.19. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)



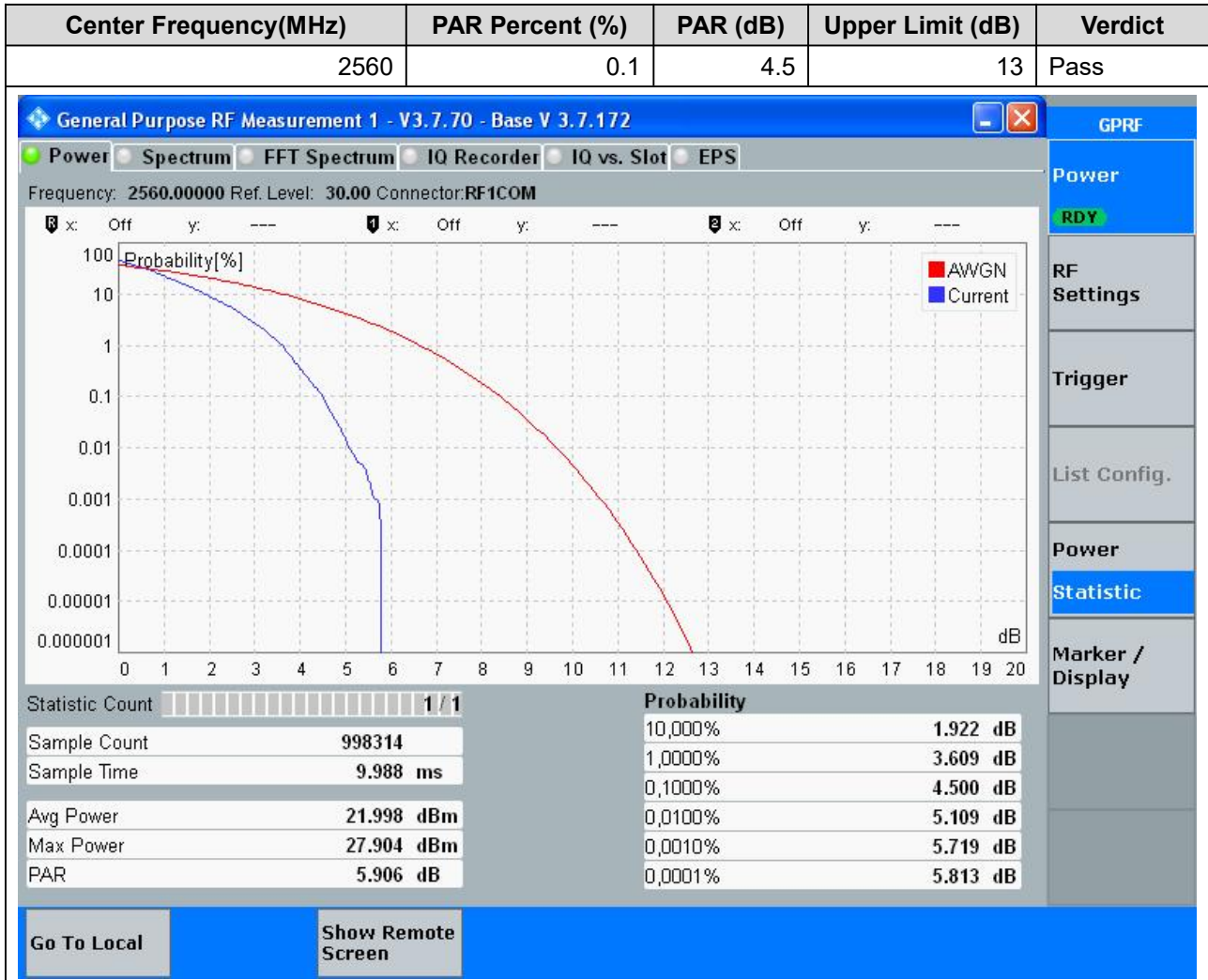
19.20. Peak to Average Ratio for SA(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)



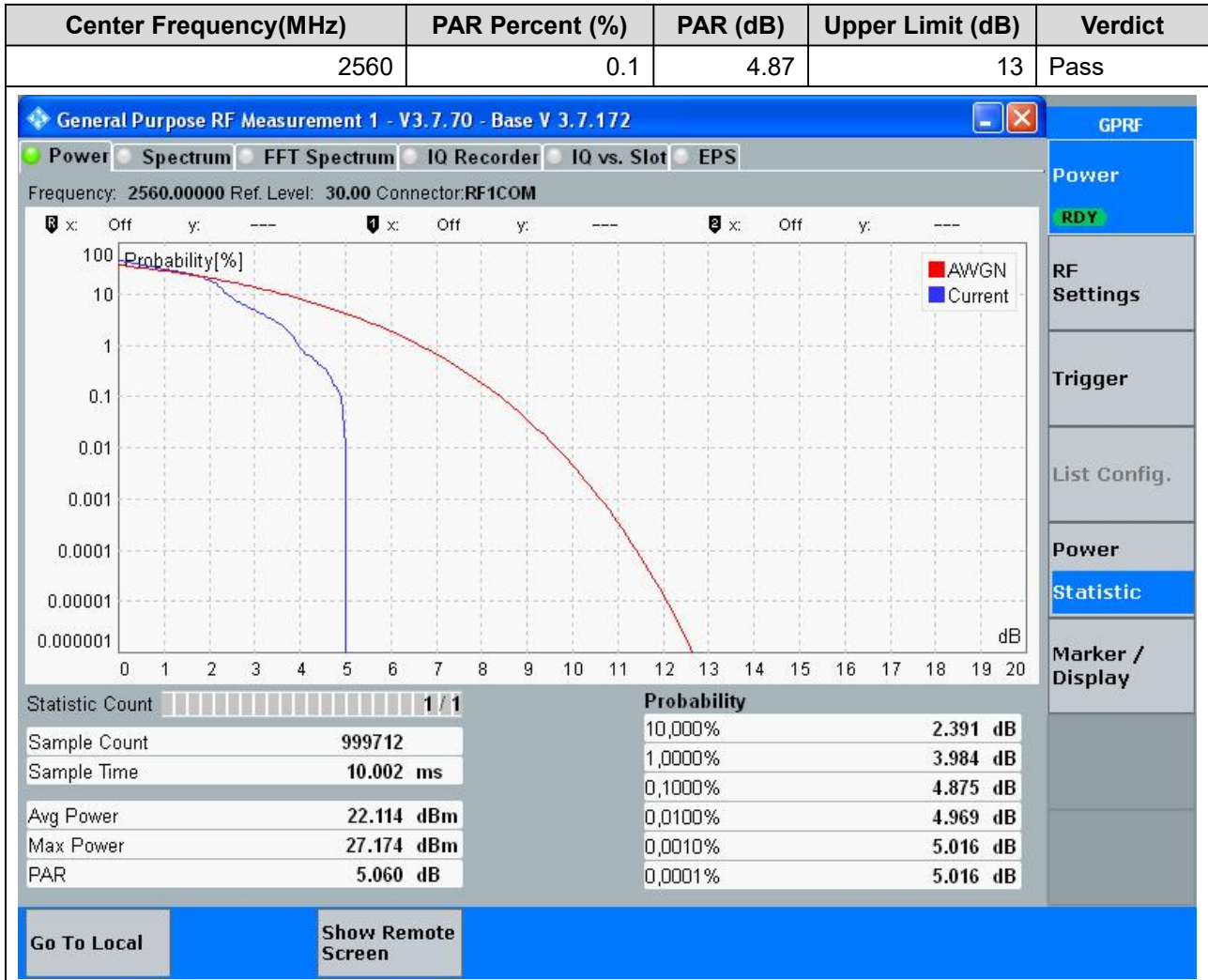
19.21. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



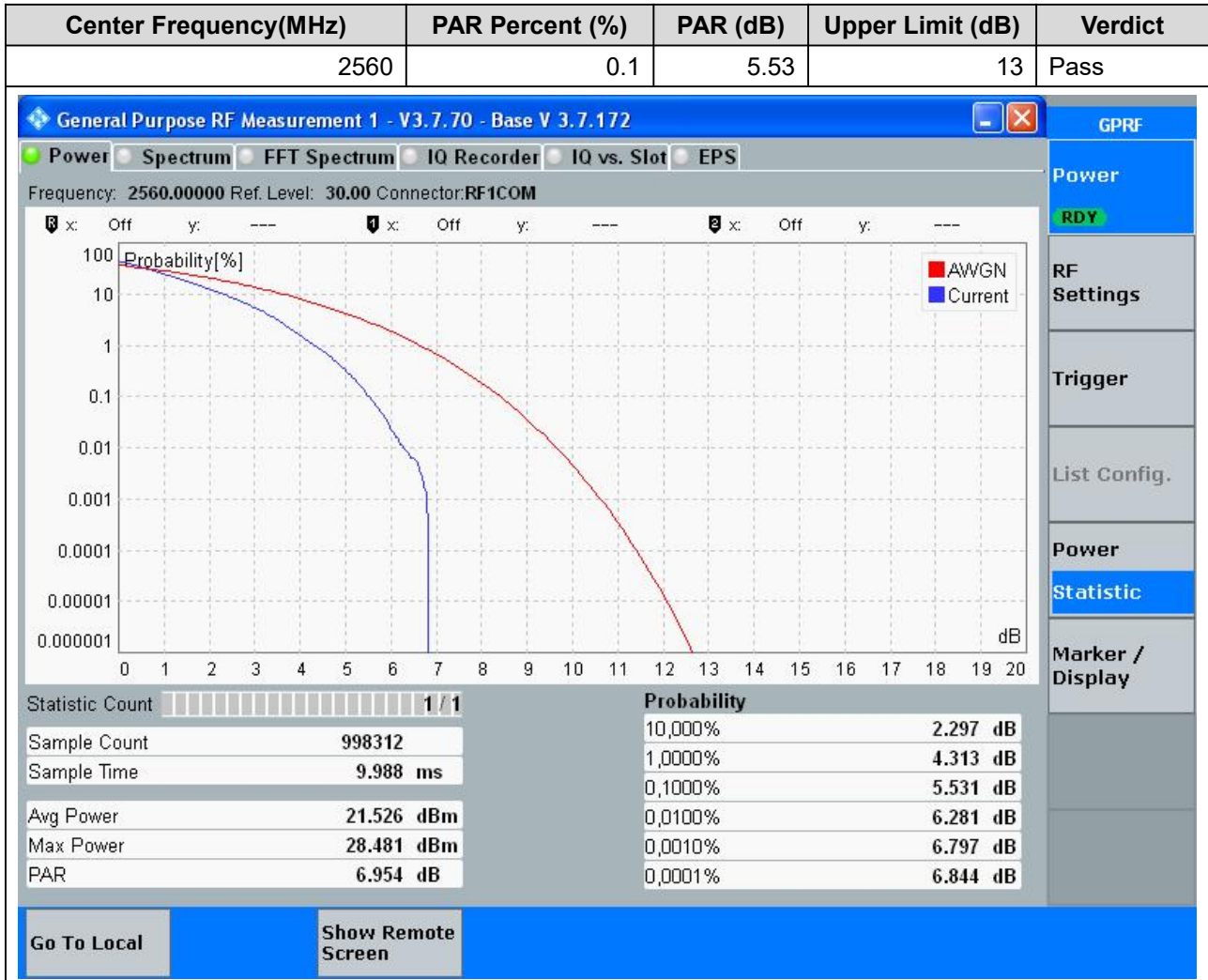
19.22. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)



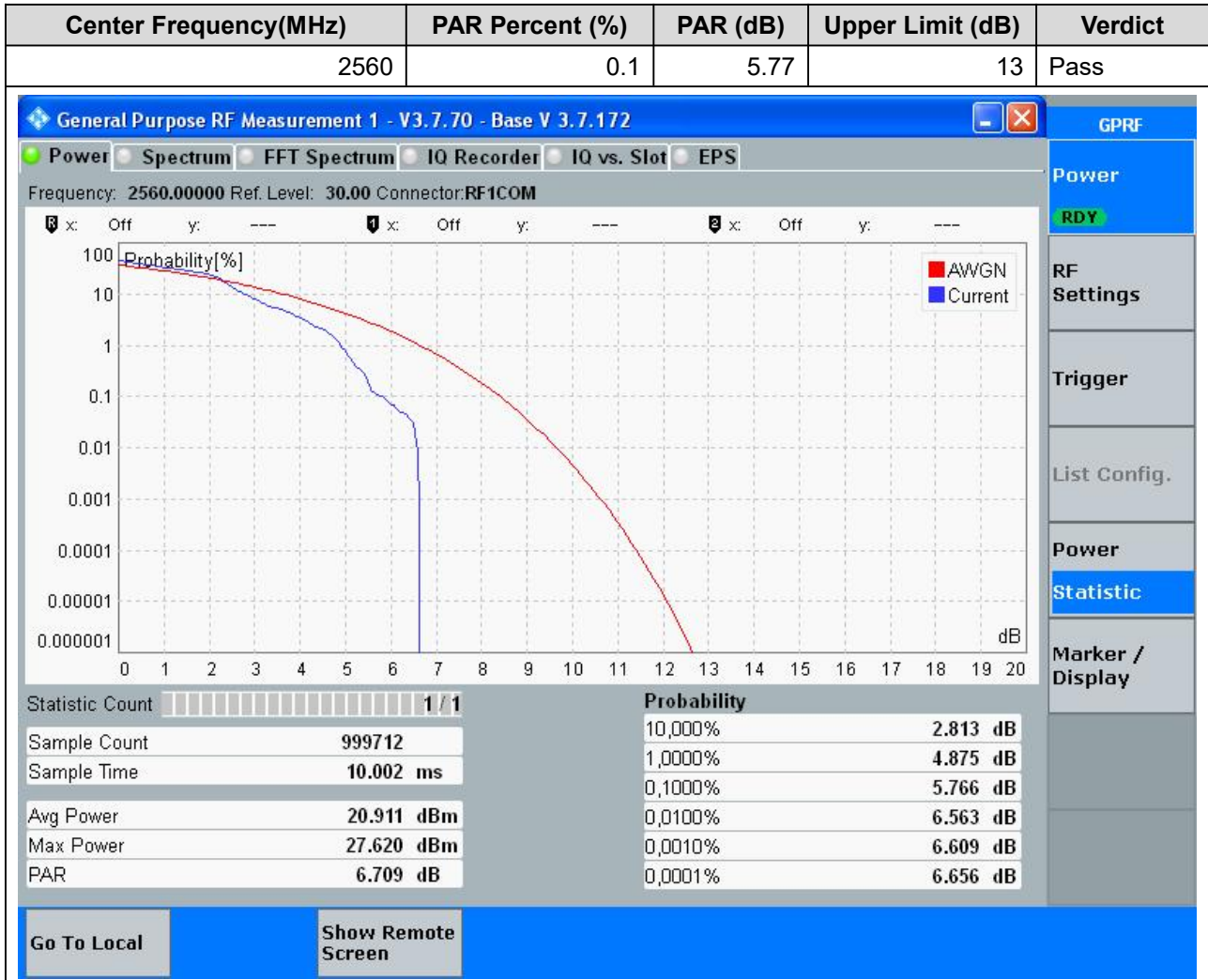
19.23. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)



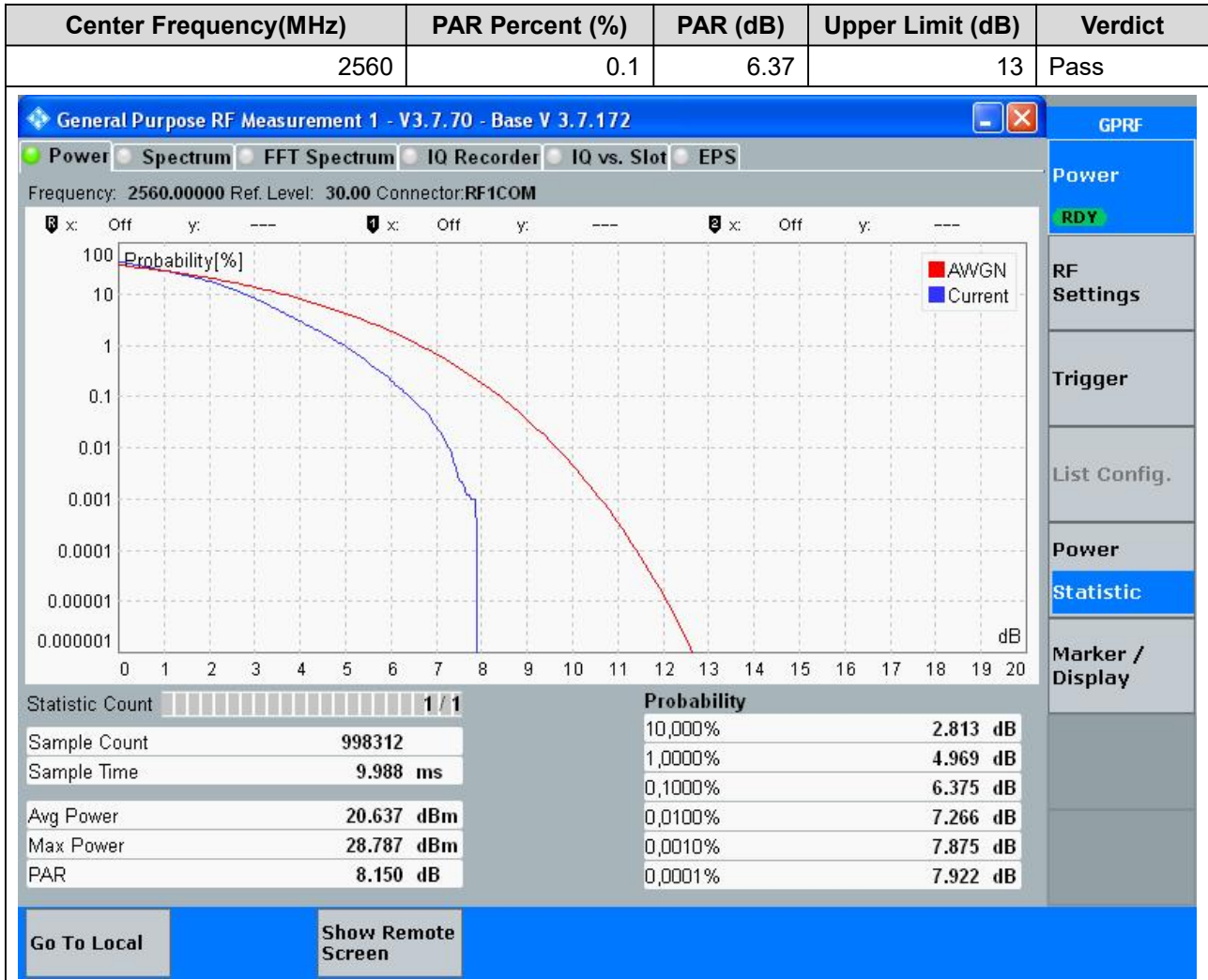
19.24. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)



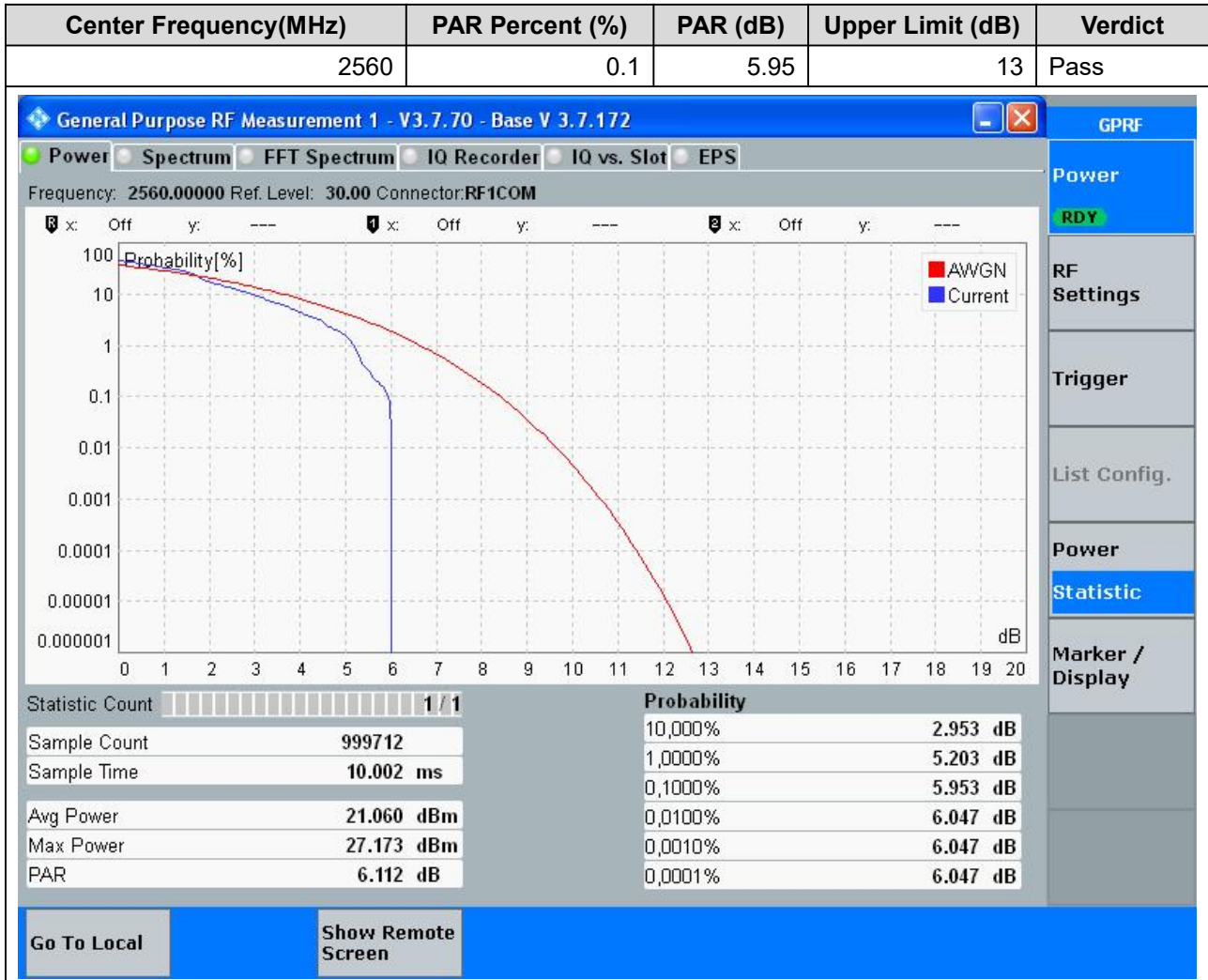
19.25. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



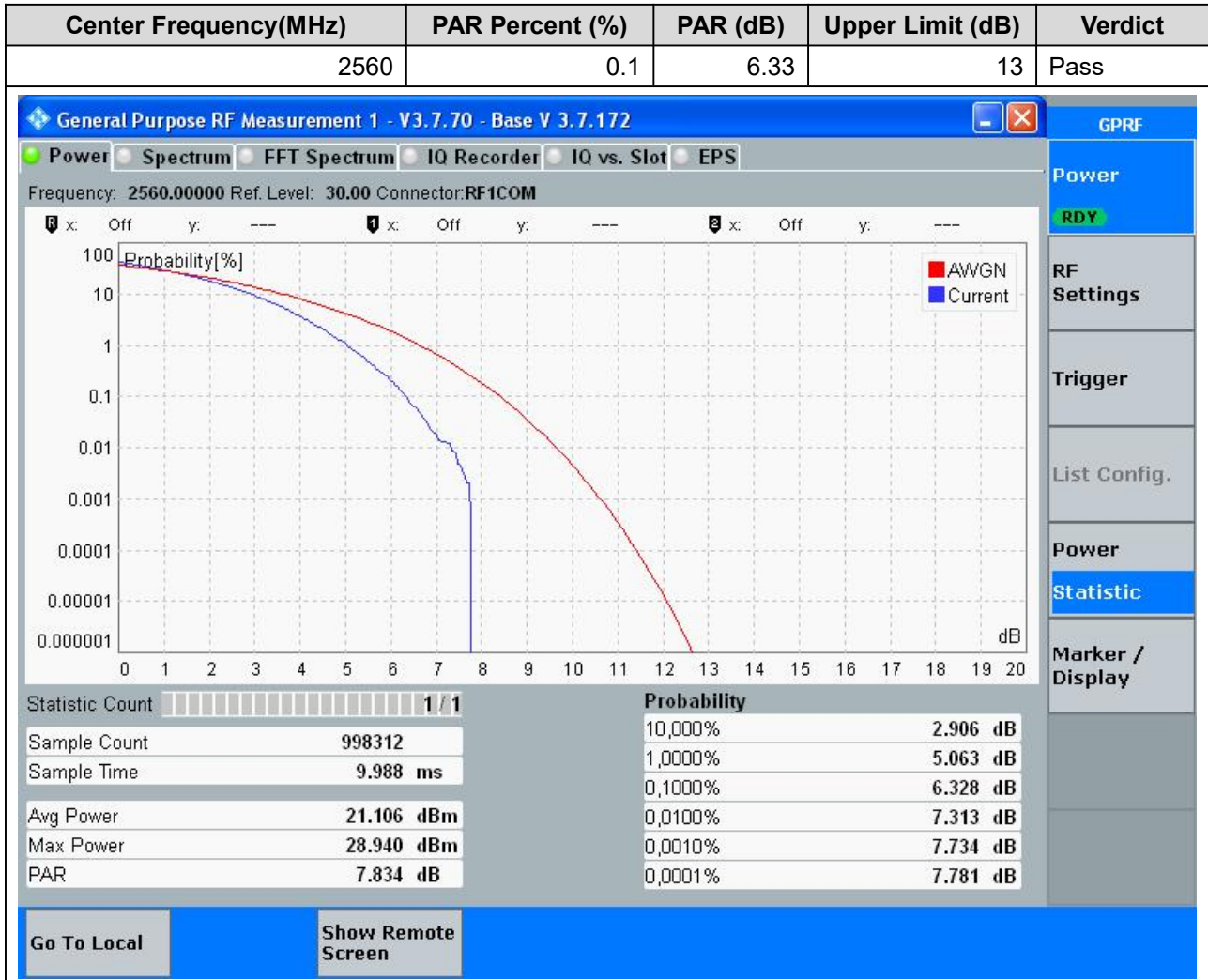
19.26. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)



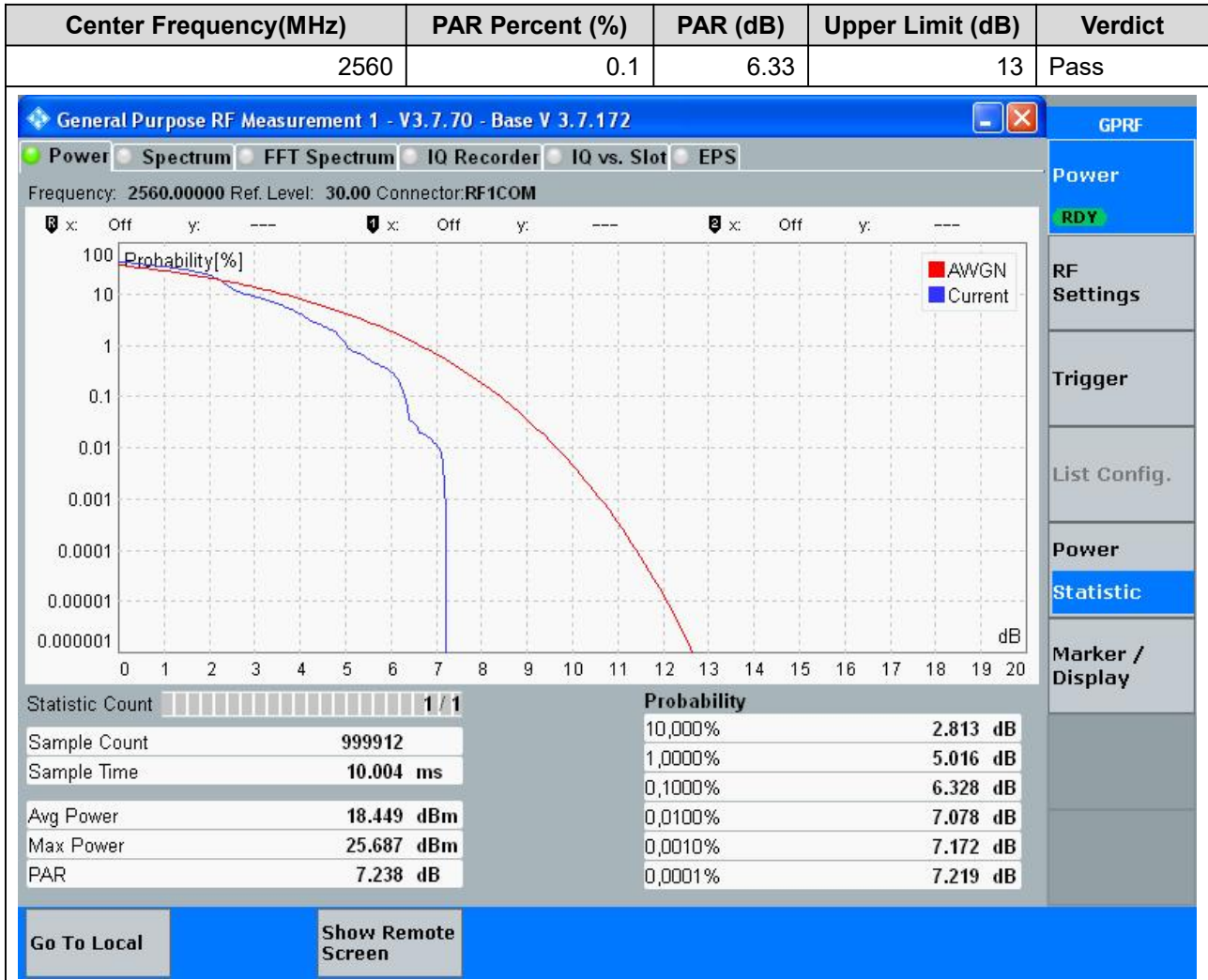
19.27. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)



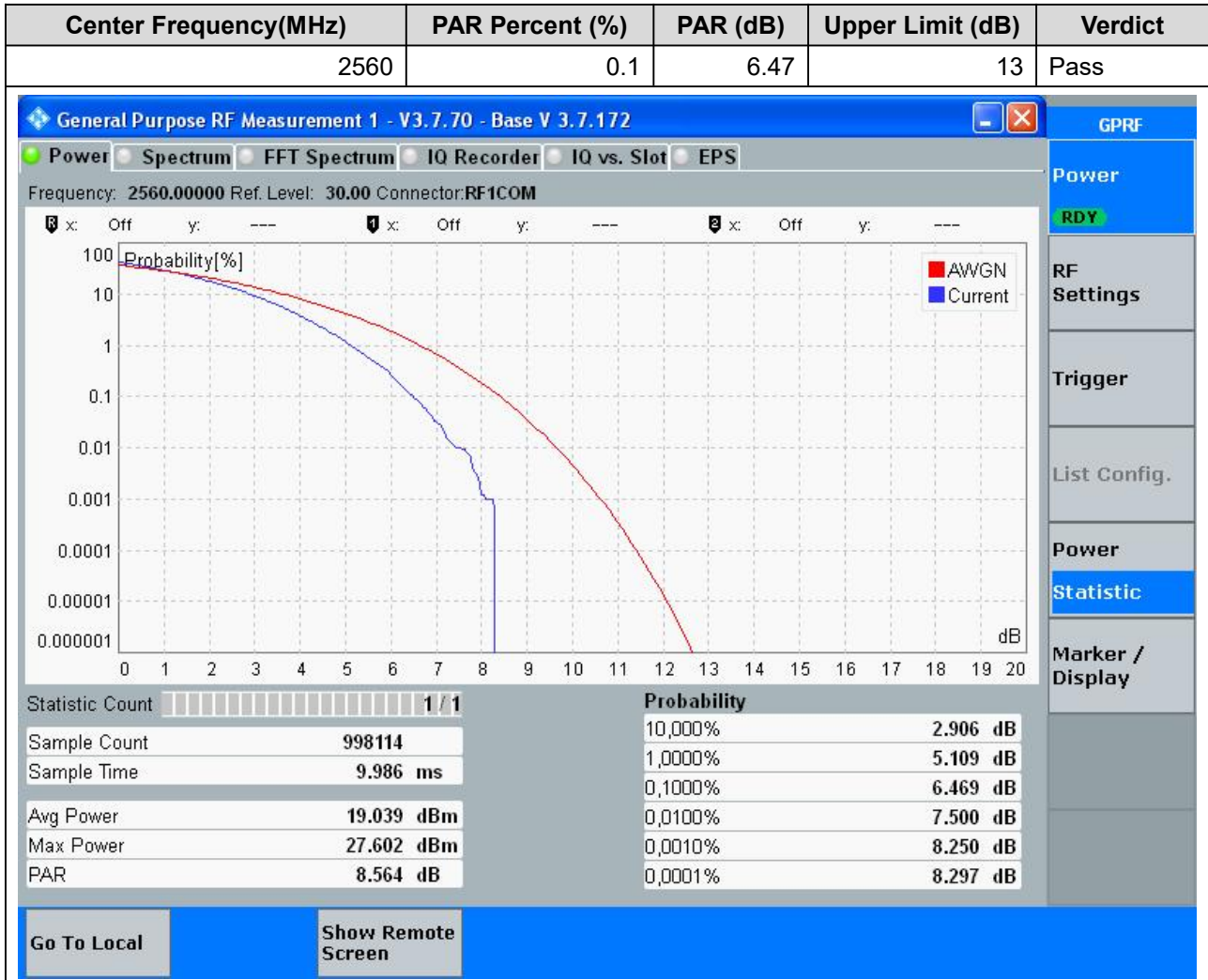
19.28. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)



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

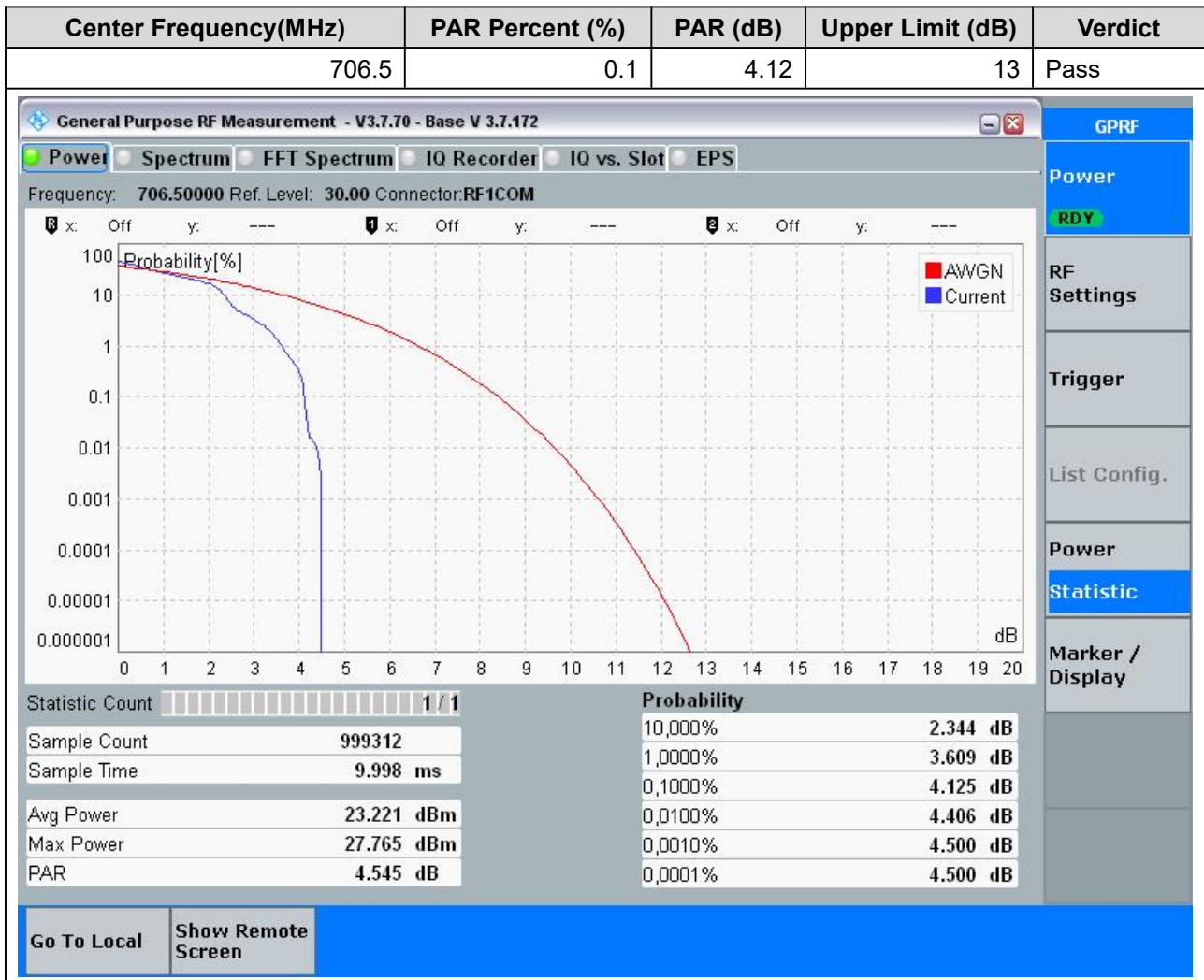


19.30. Peak to Average Ratio for SA(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

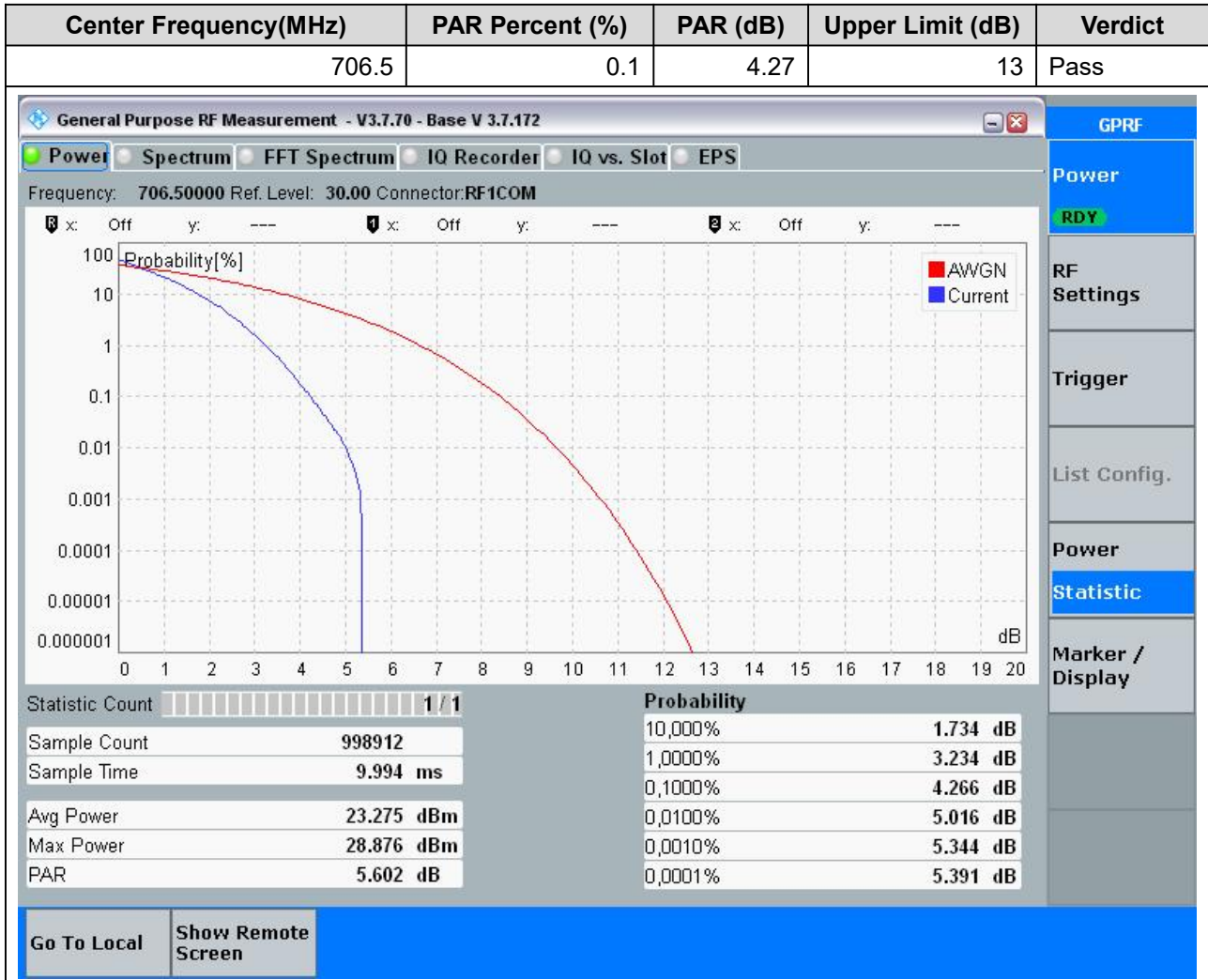


20. n12 15kHz

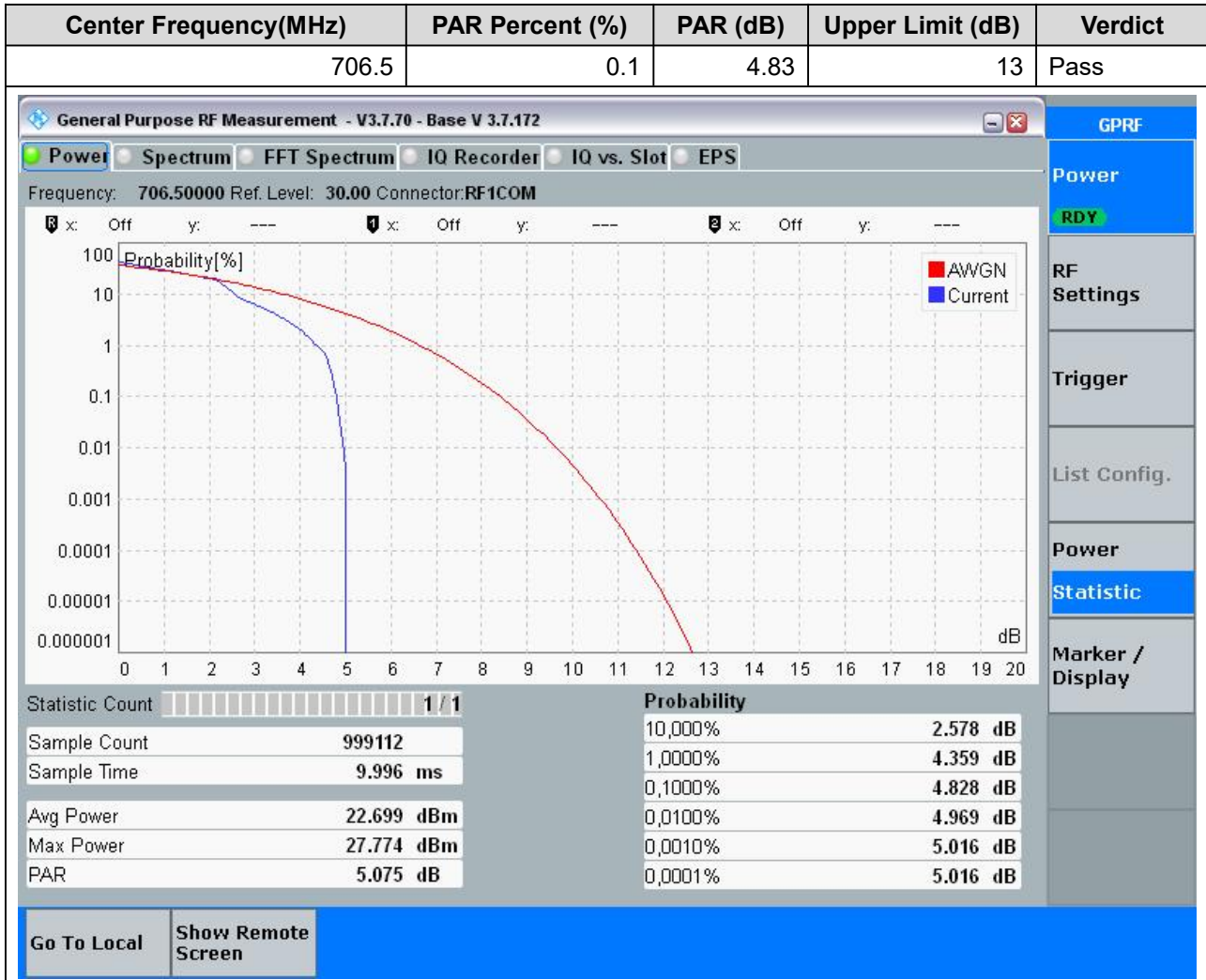
20.1. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



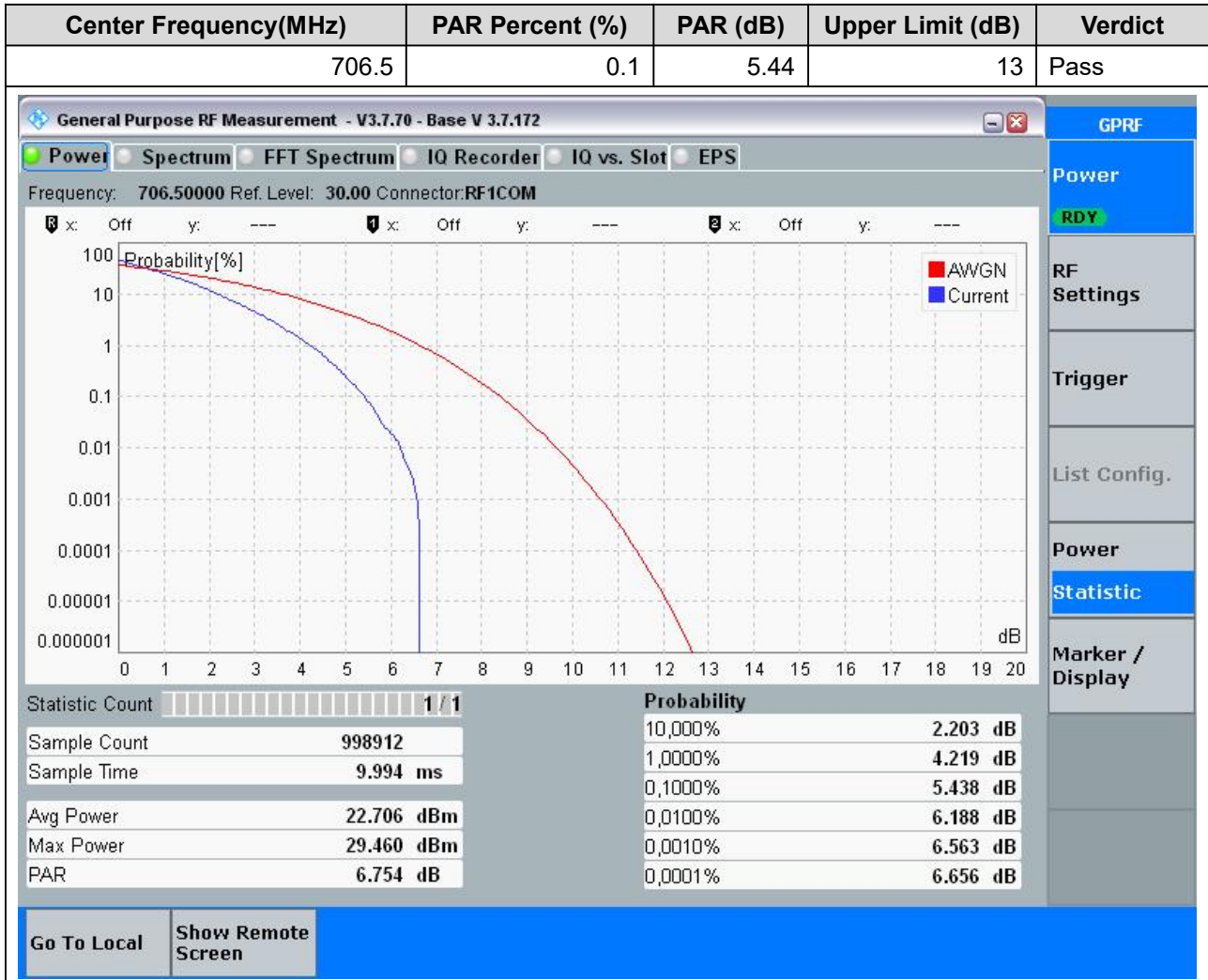
20.2. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:75, RB Position:0)



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



20.4. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:75, RB Position:0)



20.5. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, 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
706.5	0.1	5.44	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
 Frequency: **706.50000** Ref. Level: **30.00** Connector: **RF1COM**

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

RDY

RF Settings

Trigger

List Config.

Power

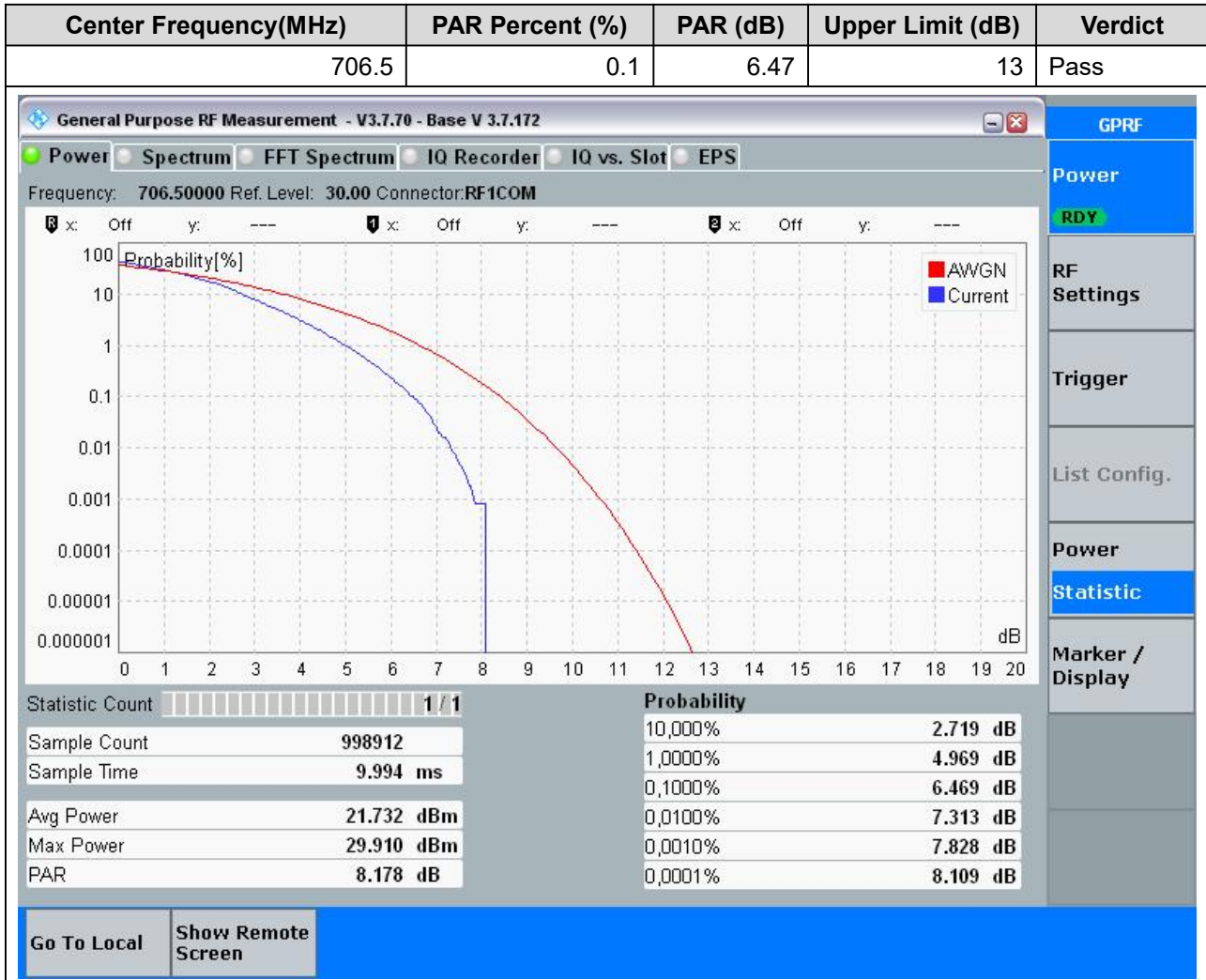
Statistic

Marker / Display

Statistic Count		Probability	
Sample Count	999112	10,000%	3.047 dB
Sample Time	9.996 ms	1,0000%	5.063 dB
		0,1000%	5.438 dB
Avg Power	21.765 dBm	0,0100%	6.141 dB
Max Power	28.039 dBm	0,0010%	6.234 dB
PAR	6.273 dB	0,0001%	6.234 dB

Go To Local
Show Remote Screen

20.6. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:75, RB Position:0)



20.7. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, 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
706.5	0.1	6.14	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS
 Frequency: 706.50000 Ref. Level: 30.00 Connector:RF1COM

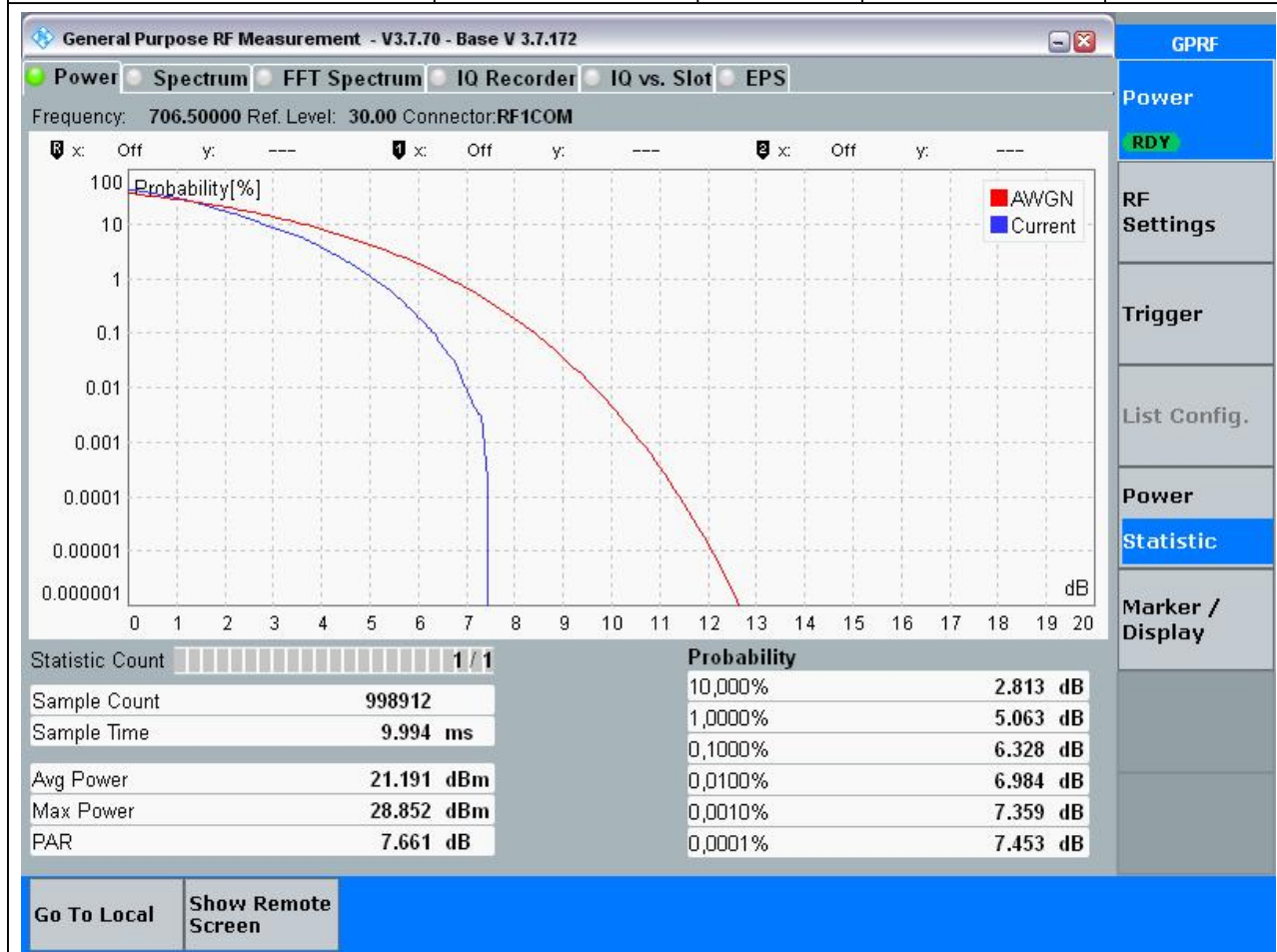
GPRF
Power
 RDY
 RF Settings
 Trigger
 List Config.
 Power
Statistic
 Marker / Display

Statistic Count		Probability	
Sample Count	999112	10,000%	2.766 dB
Sample Time	9.996 ms	1,0000%	5.156 dB
Avg Power	20.929 dBm	0,1000%	6.141 dB
Max Power	27.269 dBm	0,0100%	6.234 dB
PAR	6.340 dB	0,0010%	6.281 dB
		0,0001%	6.281 dB

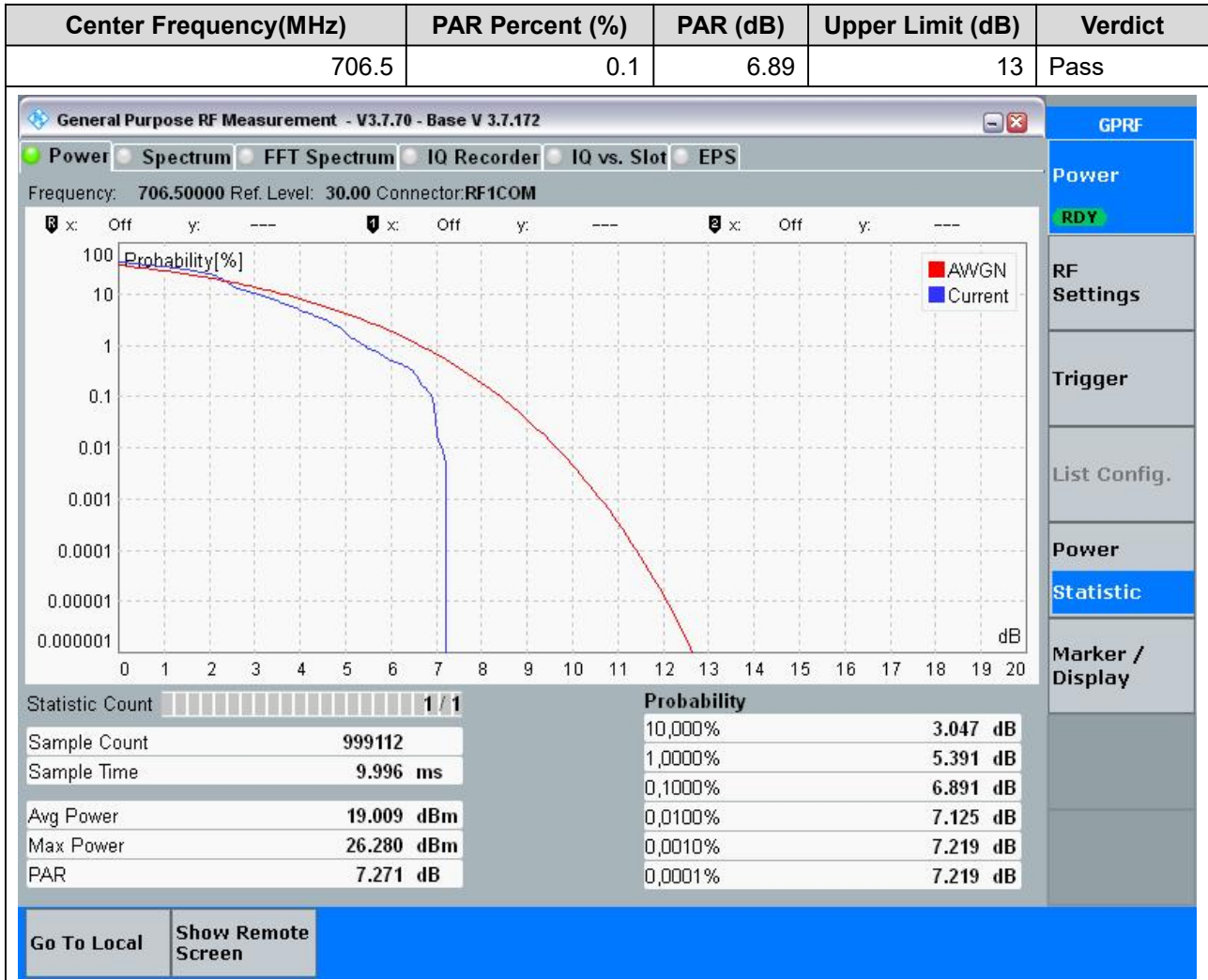
Go To Local
Show Remote Screen

20.8. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:75, RB Position:0)

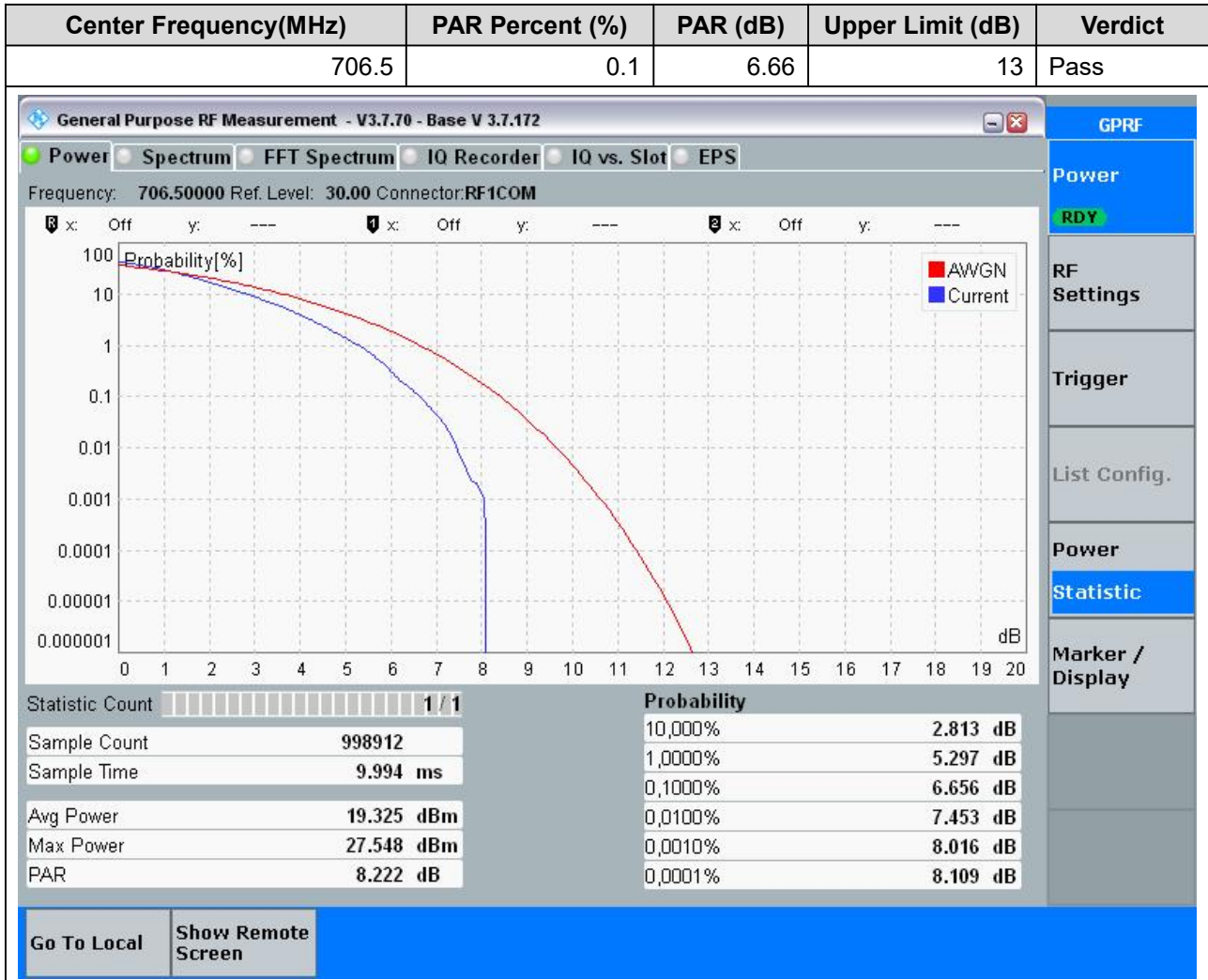
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
706.5	0.1	6.33	13	Pass



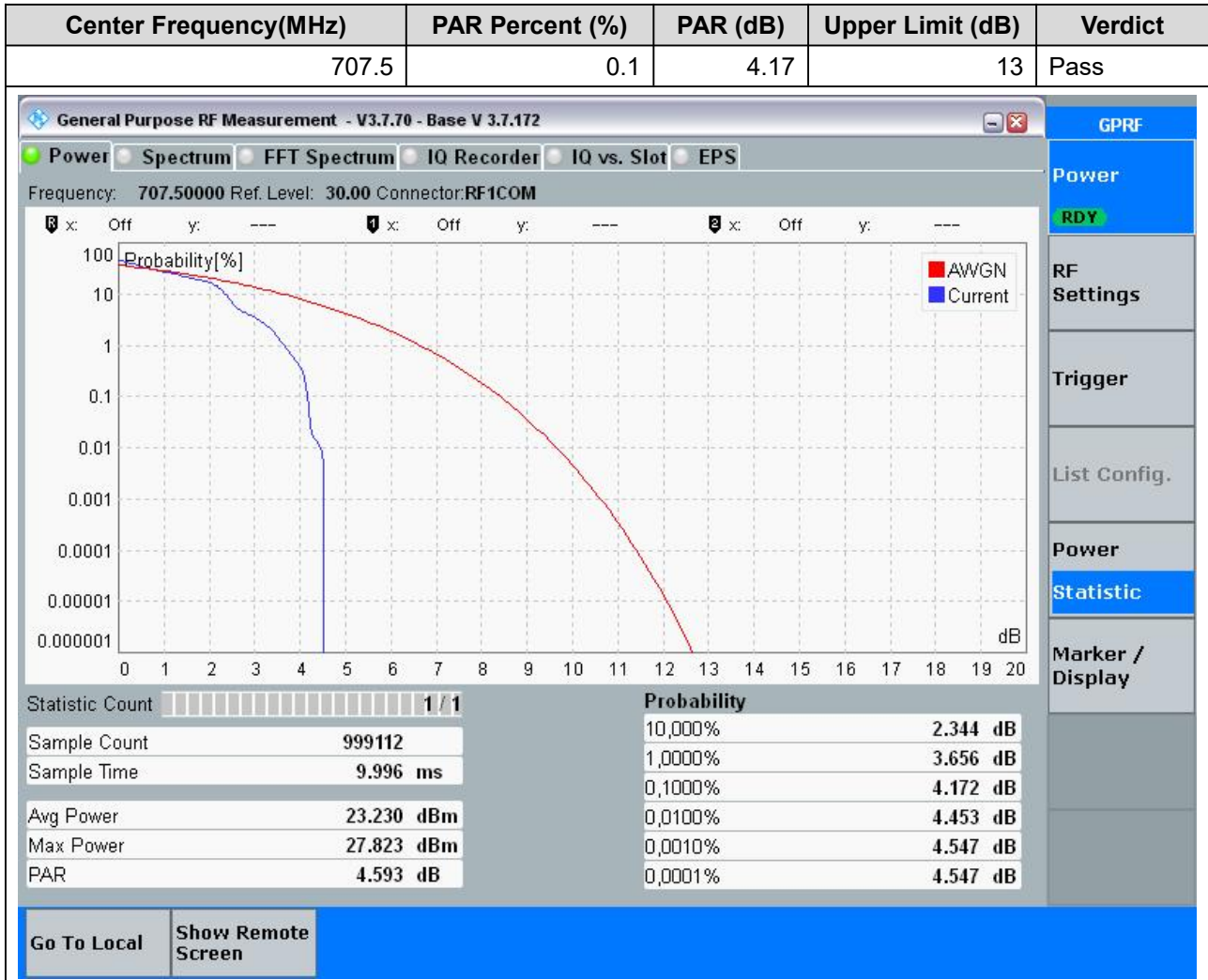
20.9. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)



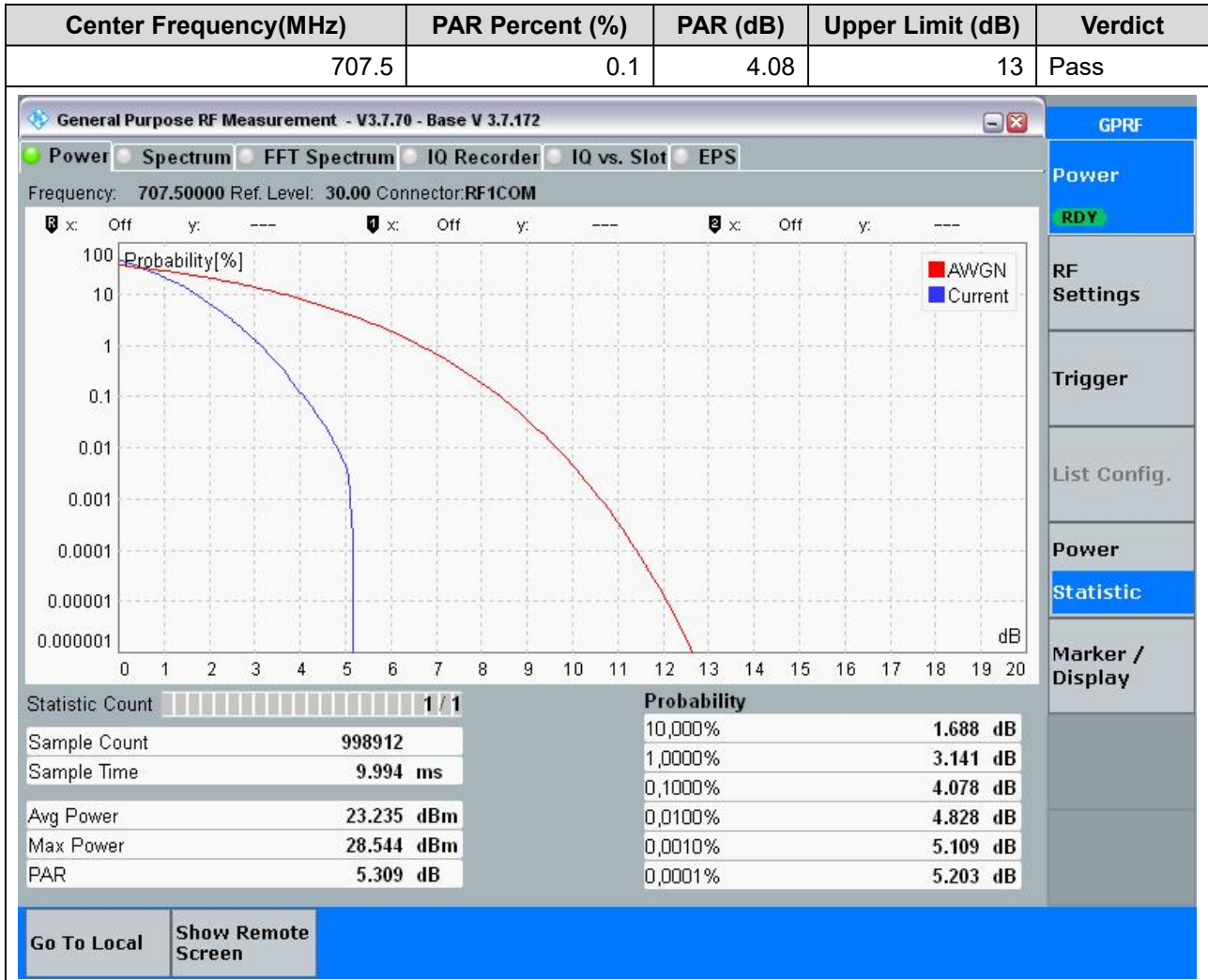
20.10. Peak to Average Ratio for SA(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:75, RB Position:0)



20.11. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

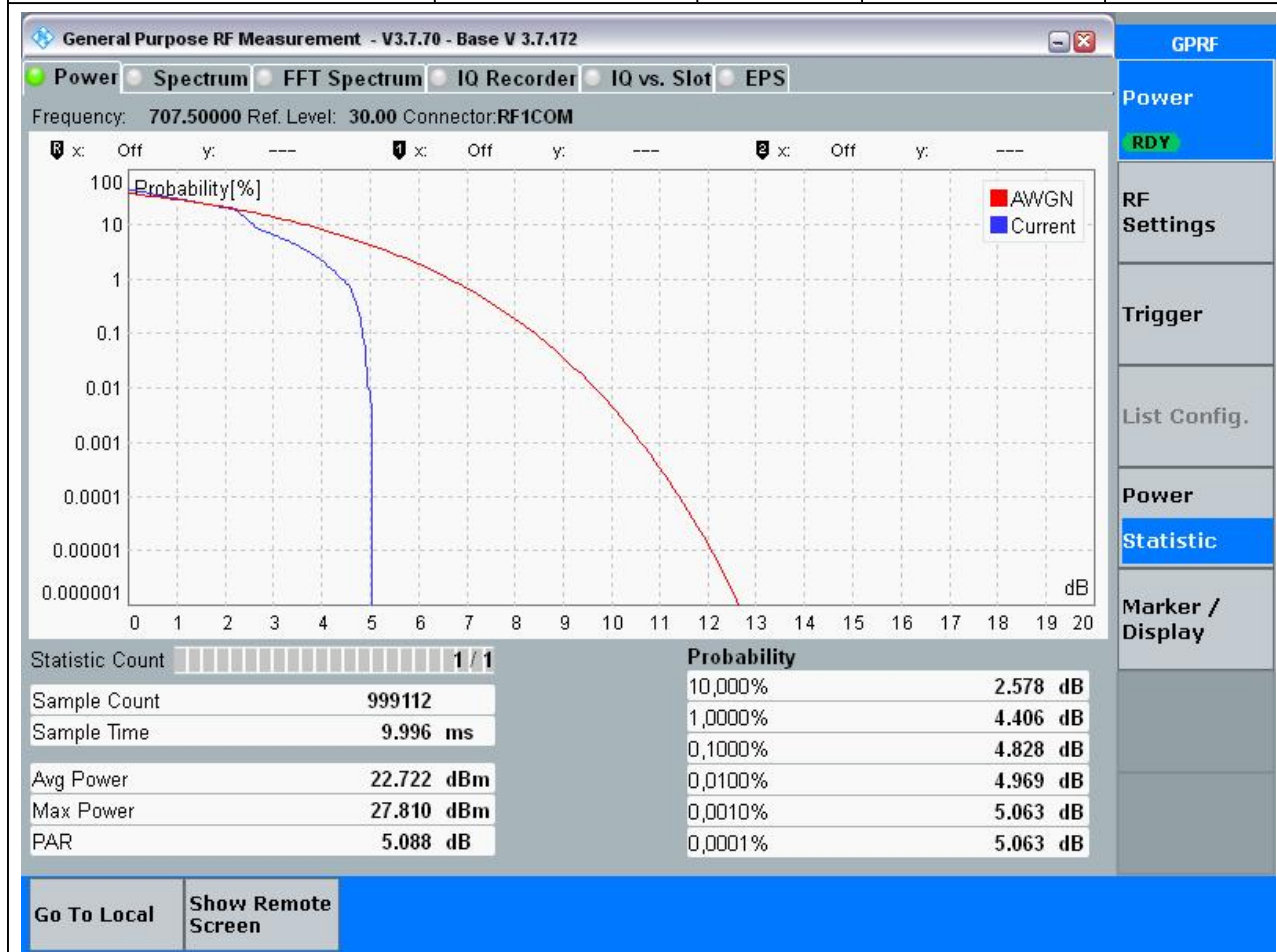


20.12. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:75, RB Position:0)



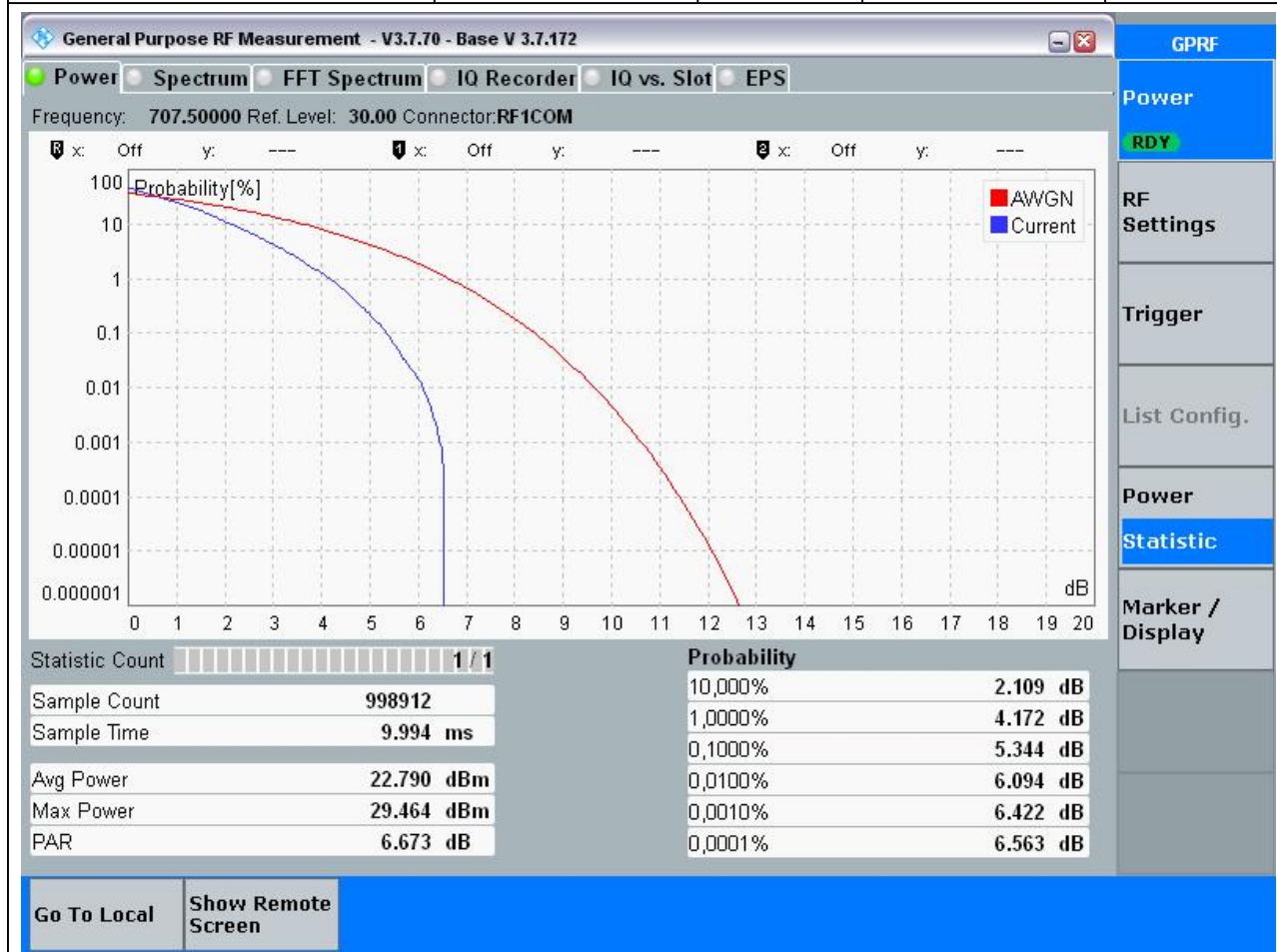
20.13. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	4.83	13	Pass

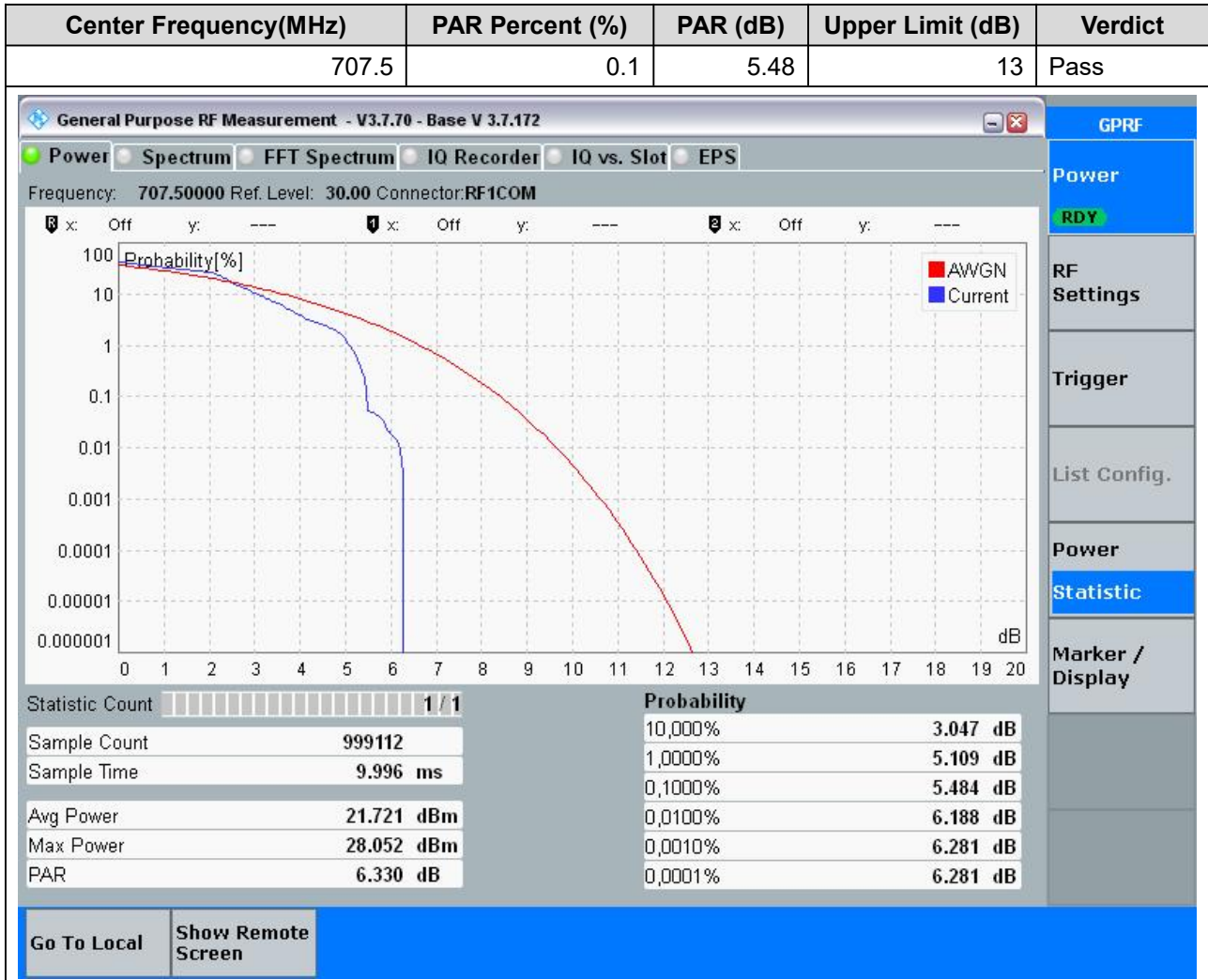


20.14. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:75, RB Position:0)

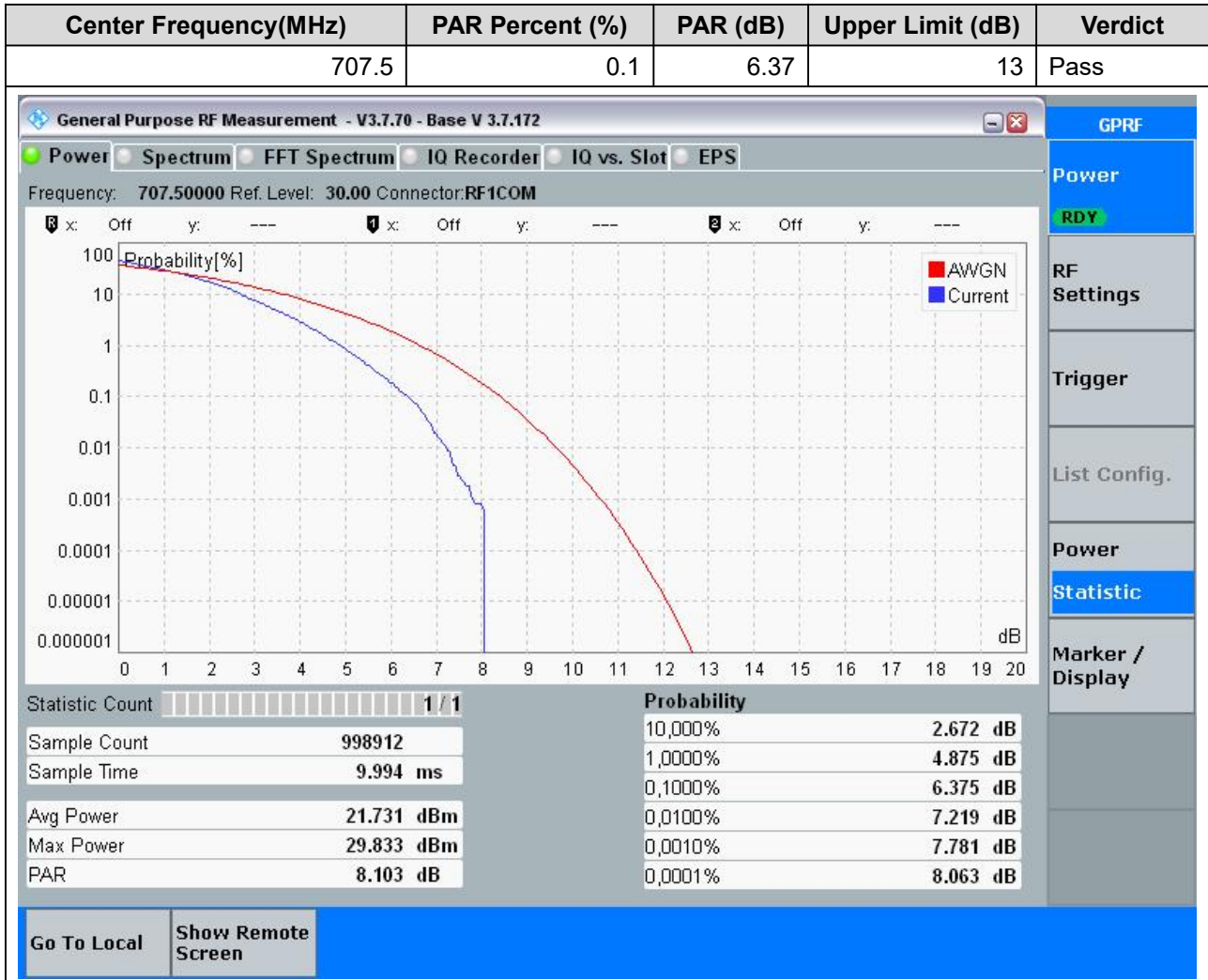
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	5.34	13	Pass



20.15. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



20.16. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:75, RB Position:0)



20.17. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, 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
707.5	0.1	6.19	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: 707.50000 Ref. Level: 30.00 Connector:RF1COM

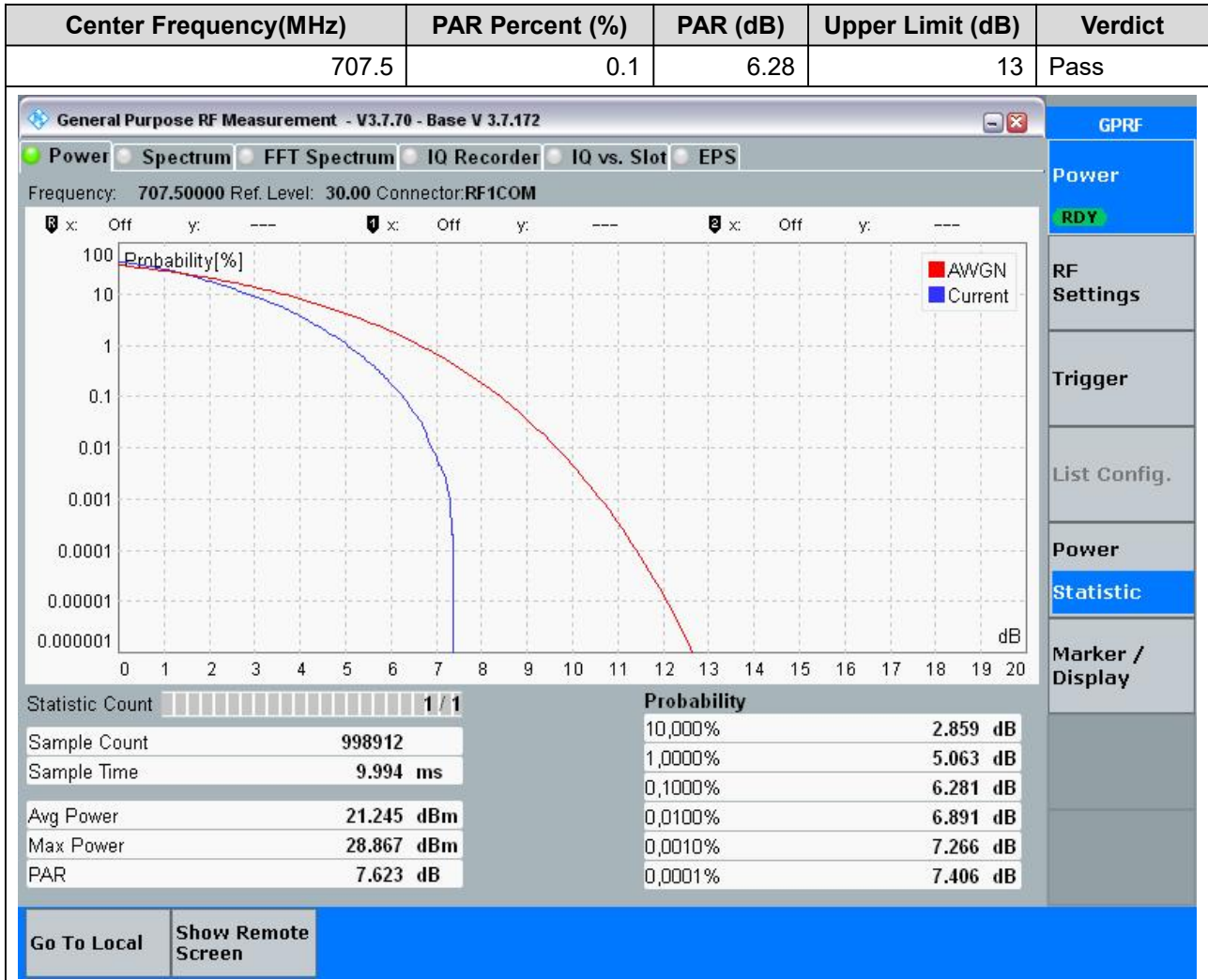
GPRF
Power
RDY
RF Settings
Trigger
List Config.
Power
Statistic
Marker / Display

Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	20.954 dBm
Max Power	27.329 dBm
PAR	6.375 dB

Probability	
10,000%	2.766 dB
1,000%	5.156 dB
0,100%	6.188 dB
0,010%	6.281 dB
0,001%	6.281 dB
0,0001%	6.328 dB

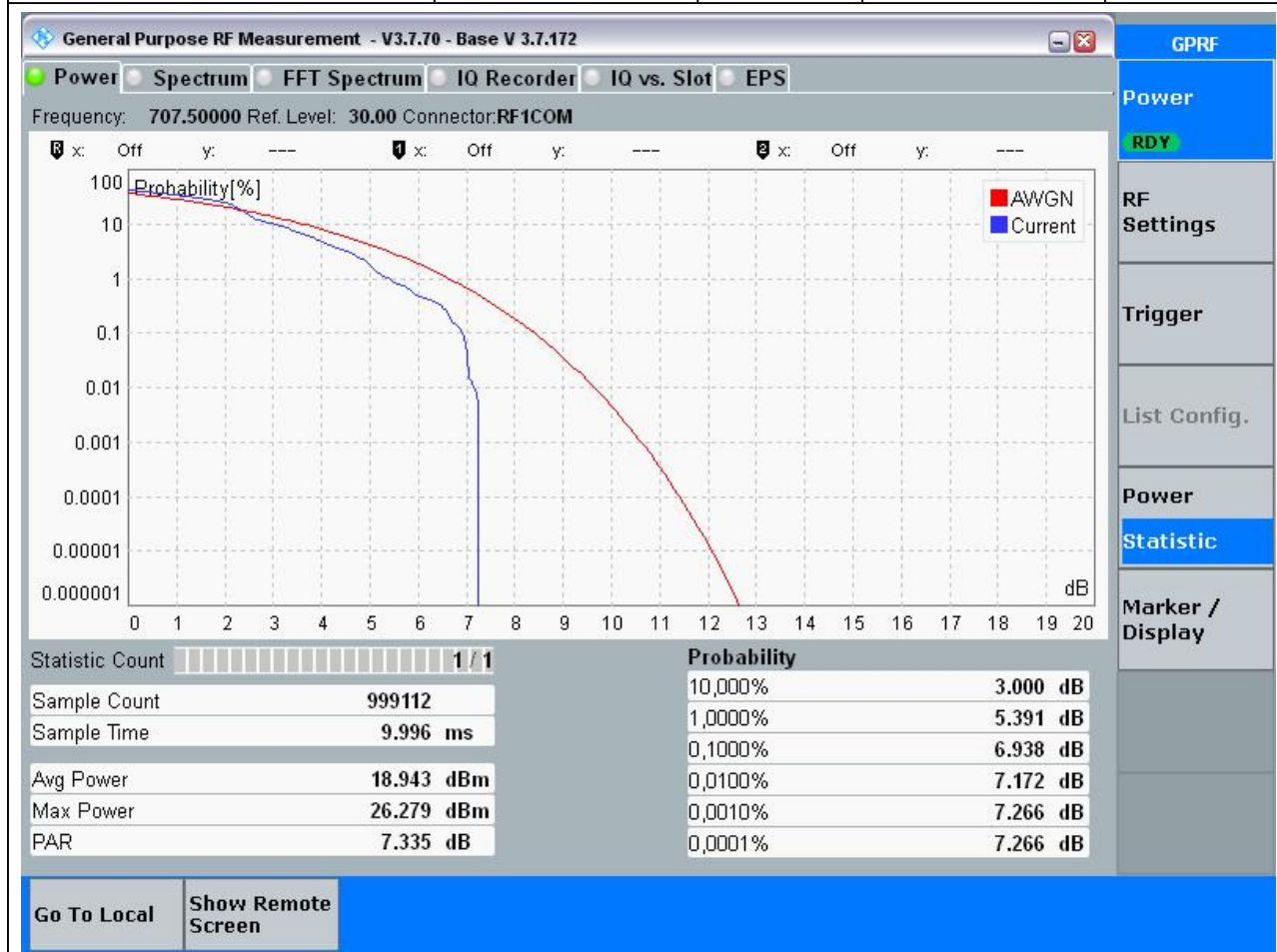
Go To Local
Show Remote Screen

20.18. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:75, RB Position:0)

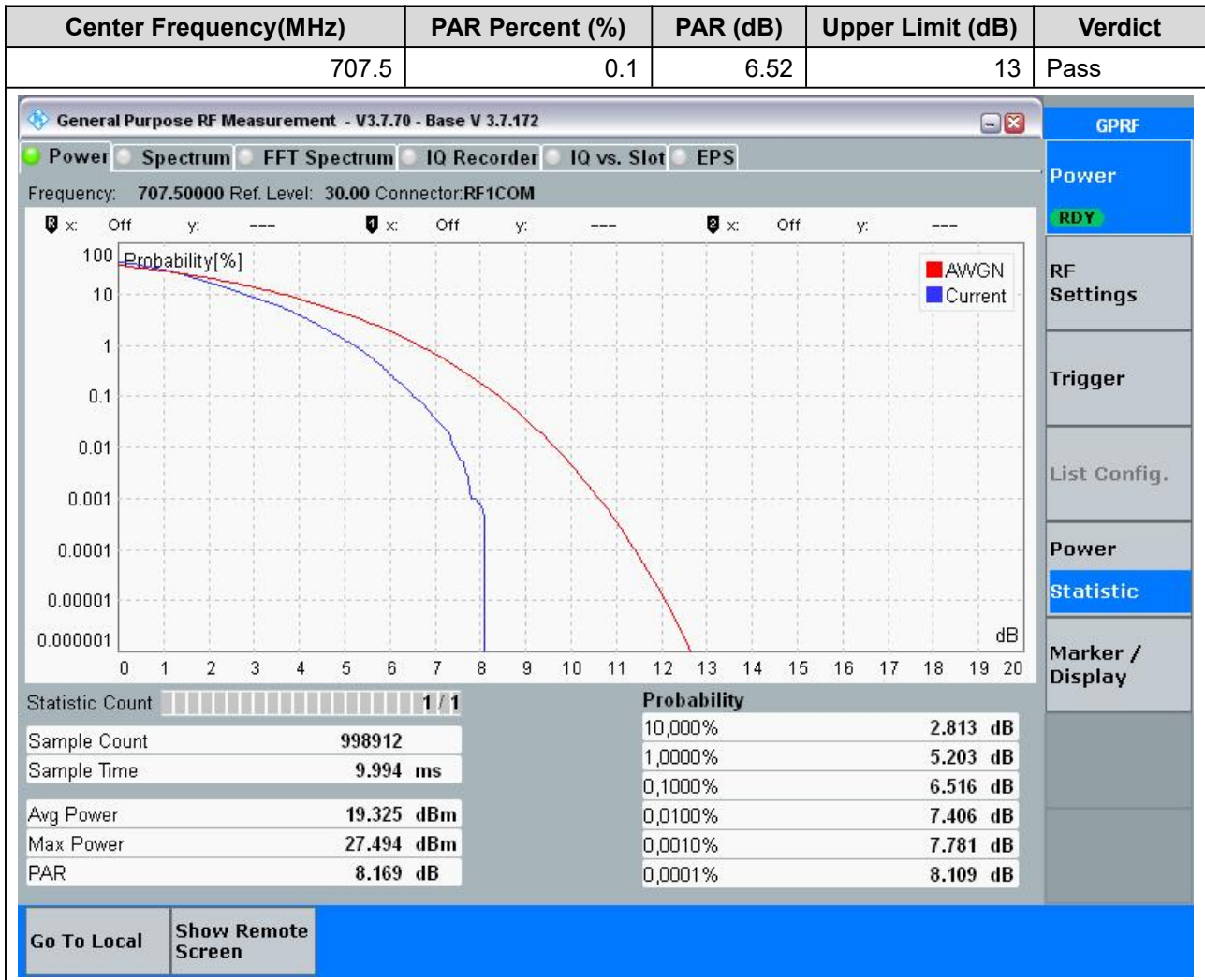


20.19. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	6.94	13	Pass

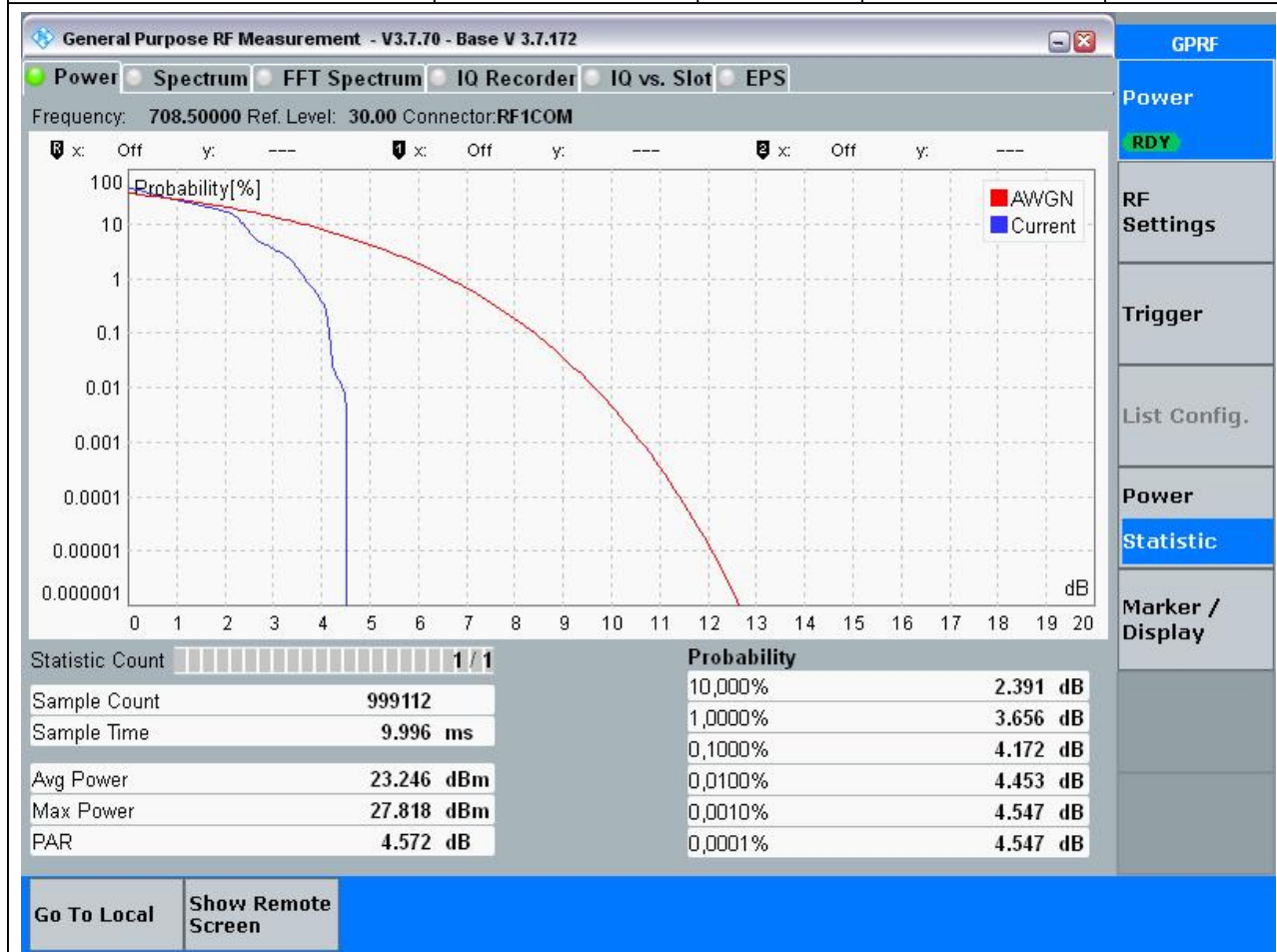


20.20. Peak to Average Ratio for SA(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:75, RB Position:0)



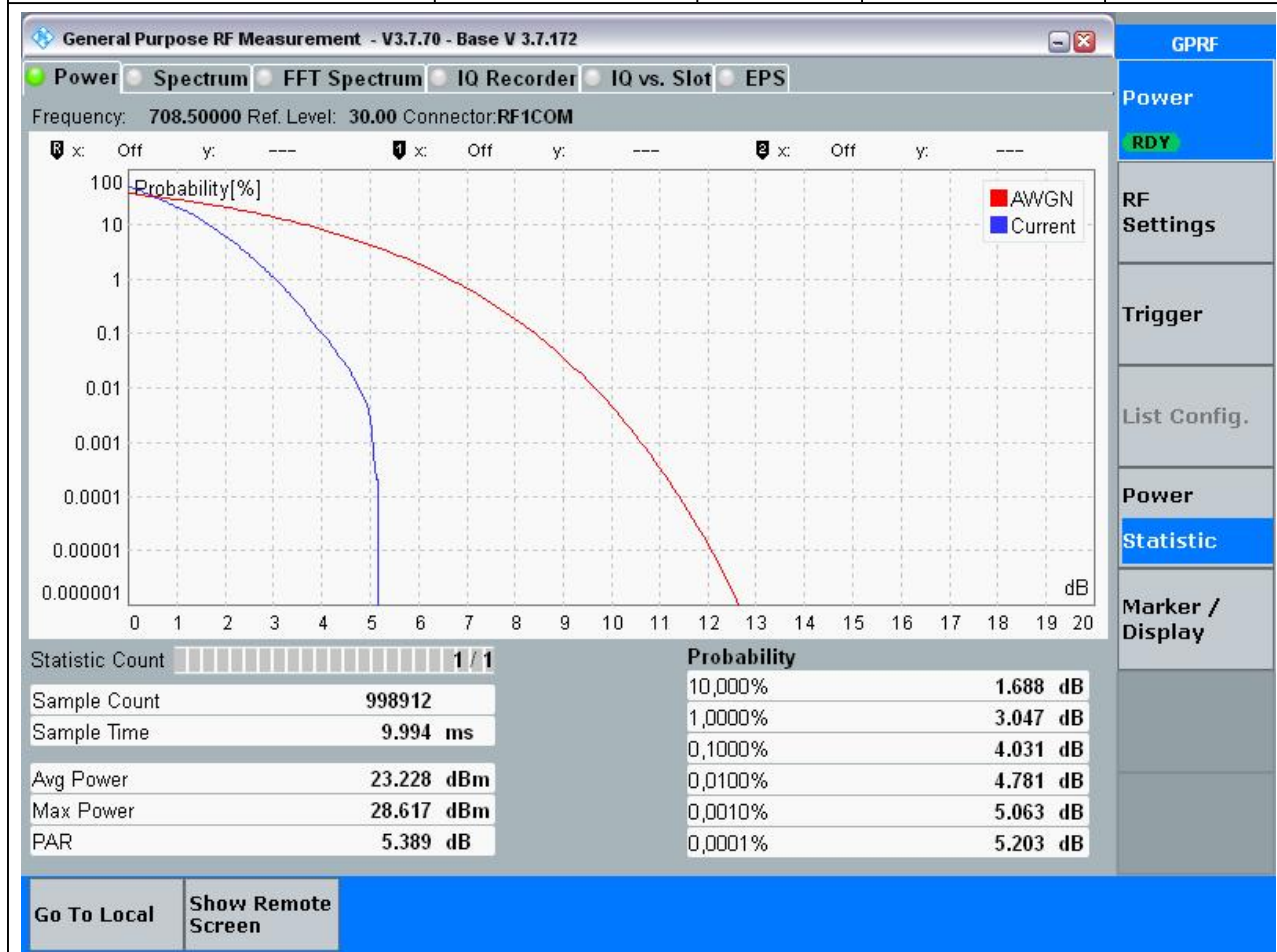
20.21. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
708.5	0.1	4.17	13	Pass

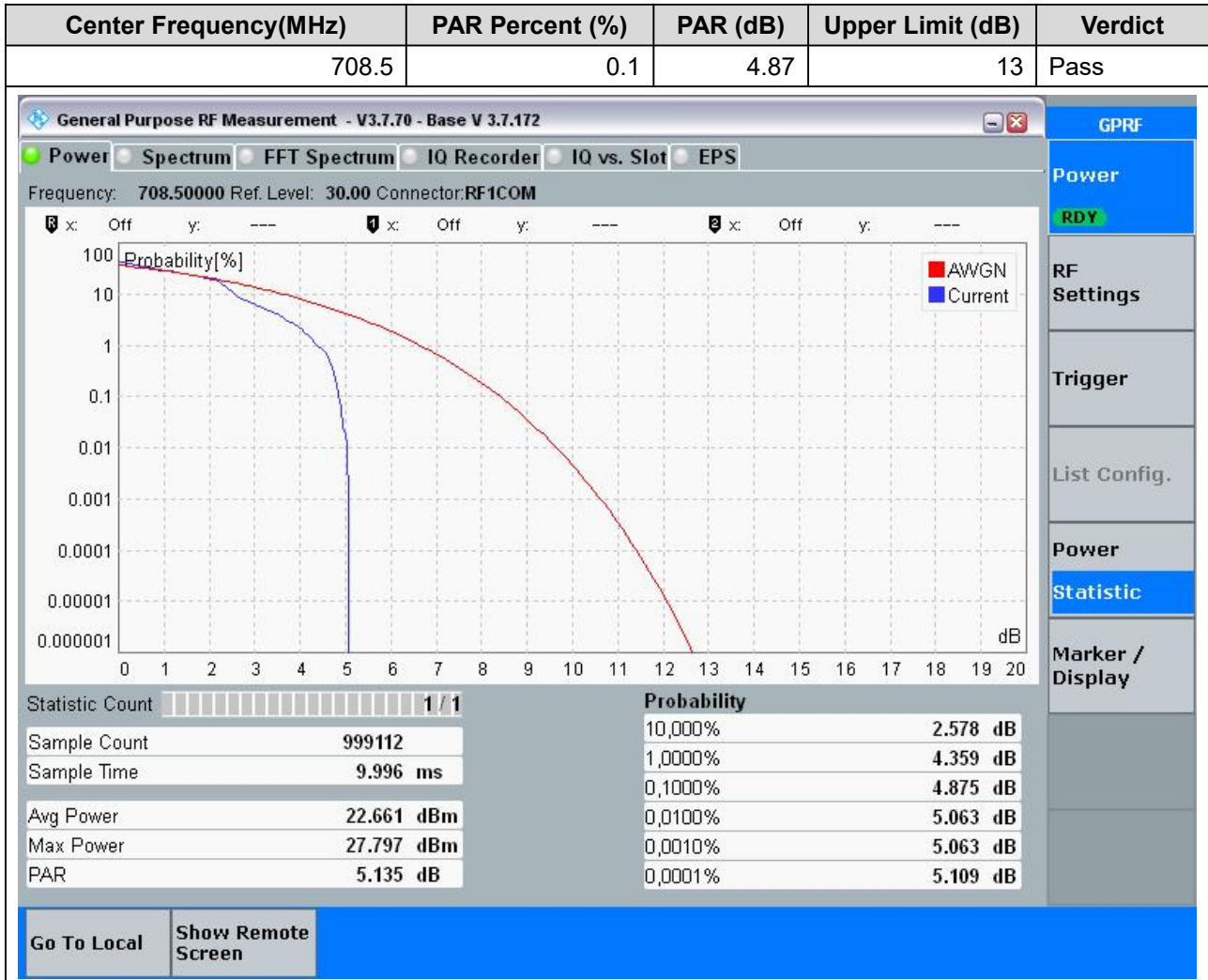


20.22. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:75, RB Position:0)

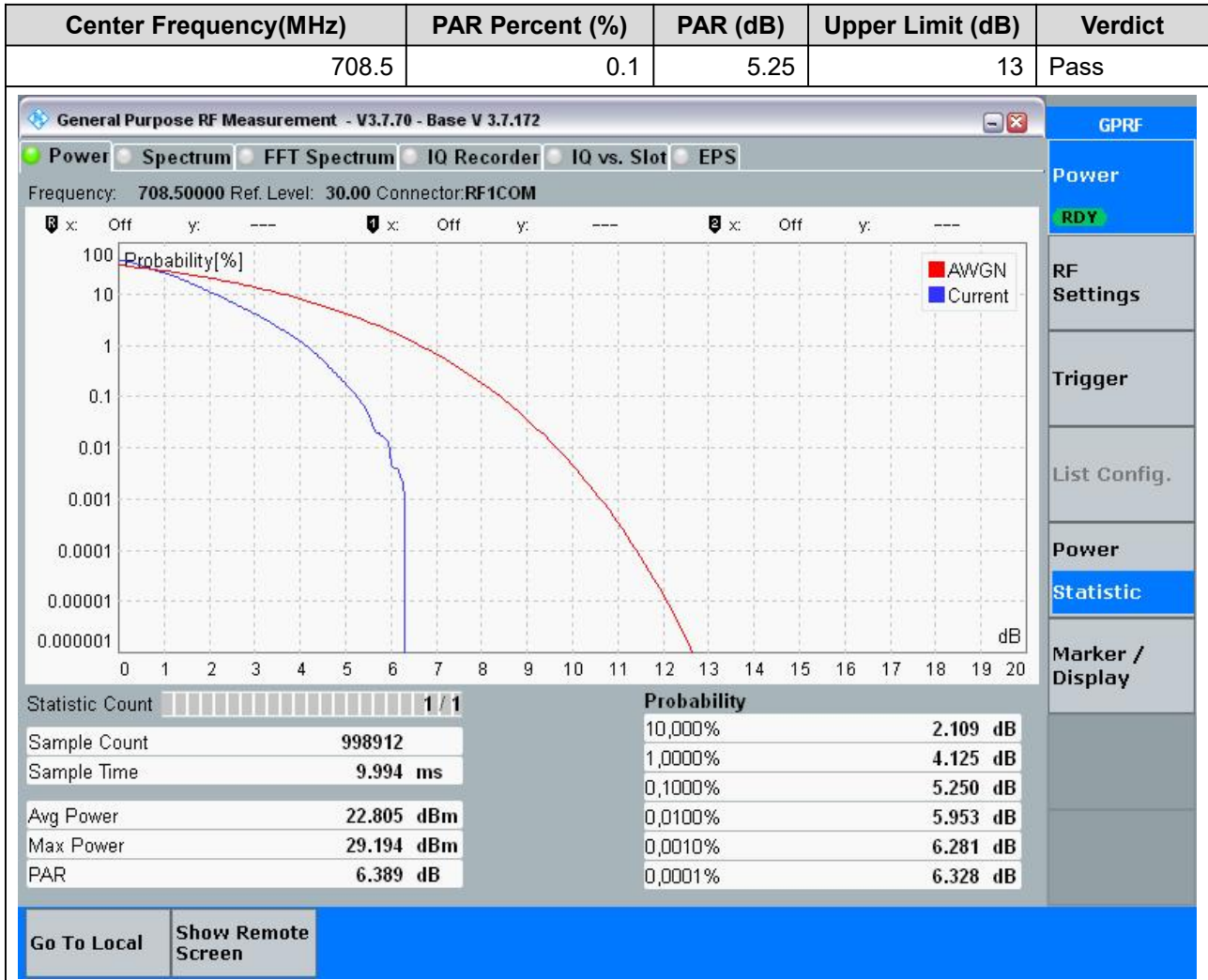
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
708.5	0.1	4.03	13	Pass



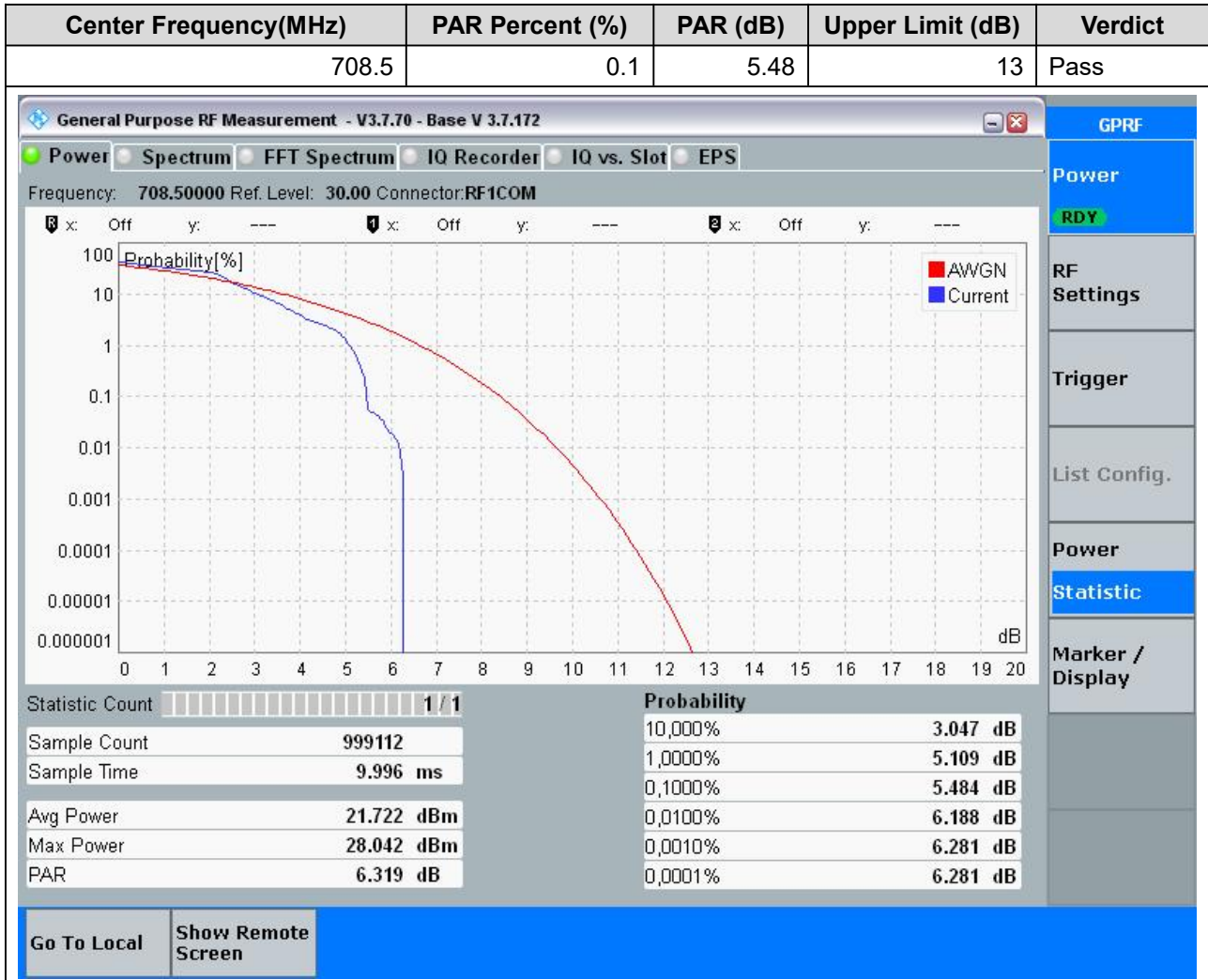
20.23. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)



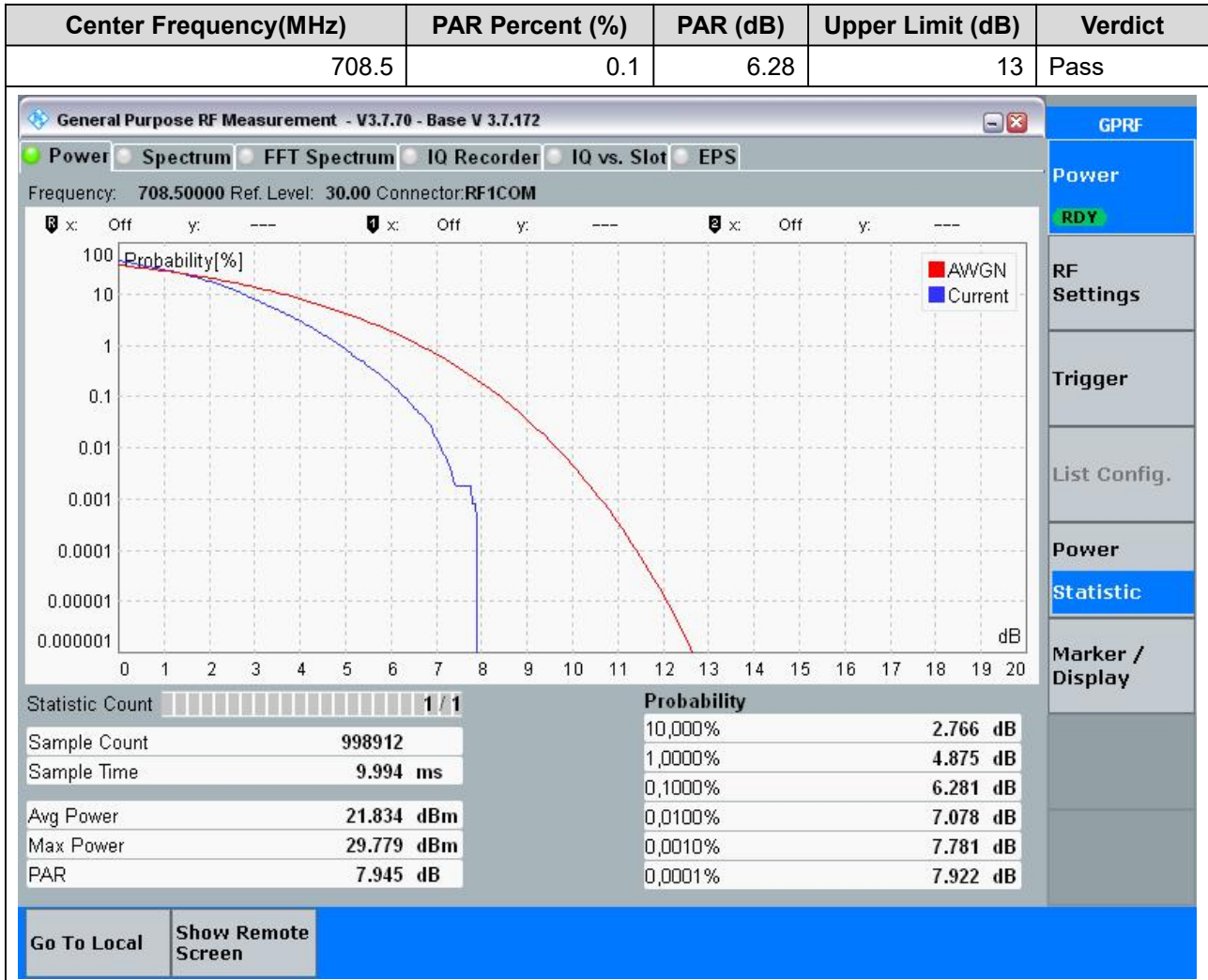
20.24. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:75, RB Position:0)



20.25. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



20.26. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:75, RB Position:0)



20.27. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, 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
708.5	0.1	6.09	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
 Frequency: **708.50000** Ref. Level: **30.00** Connector: **RF1COM**

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

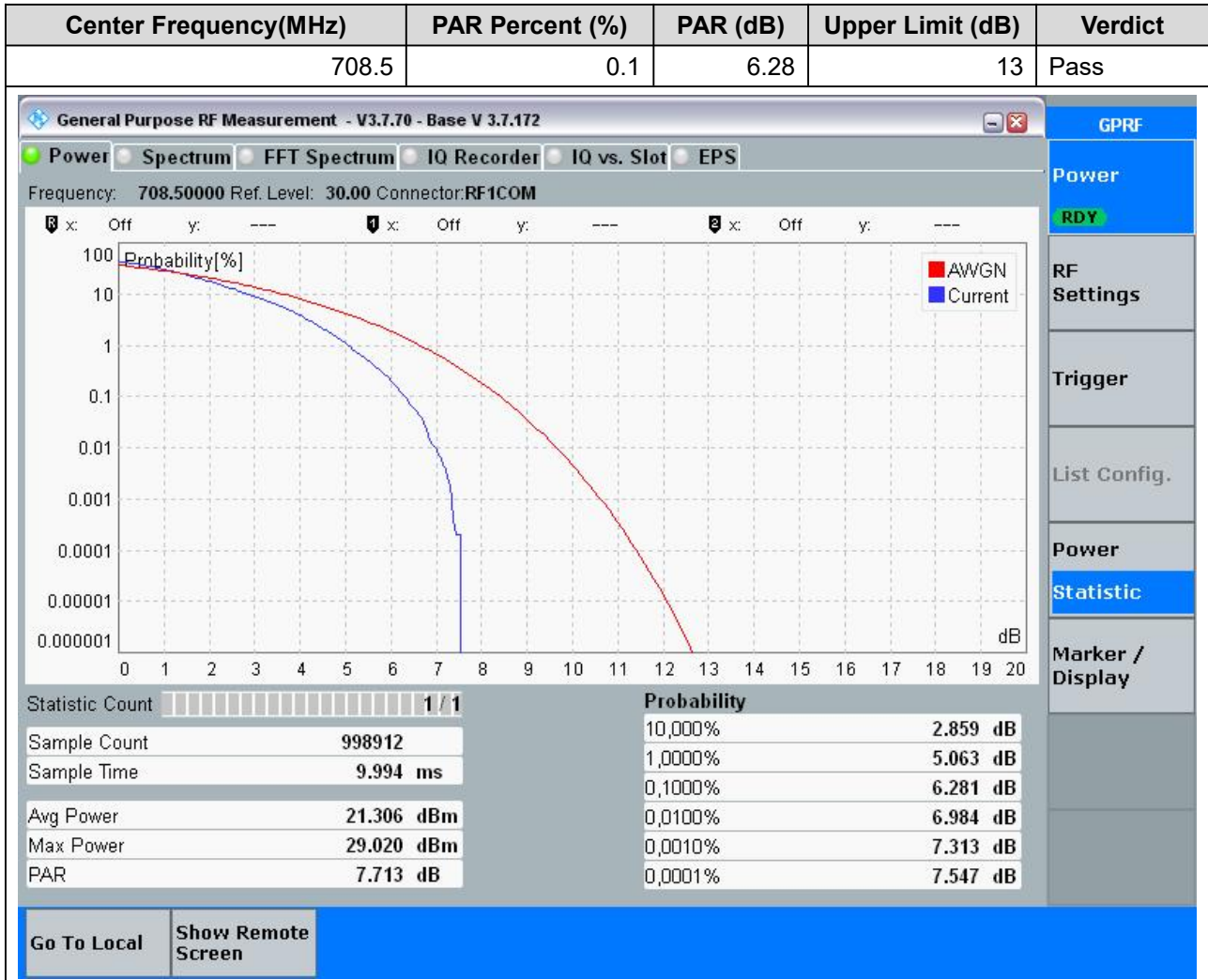
x: Off y: --- x: Off y: --- x: Off y: ---

Statistic Count	
Sample Count	999112
Sample Time	9.996 ms
Avg Power	21.098 dBm
Max Power	27.391 dBm
PAR	6.293 dB

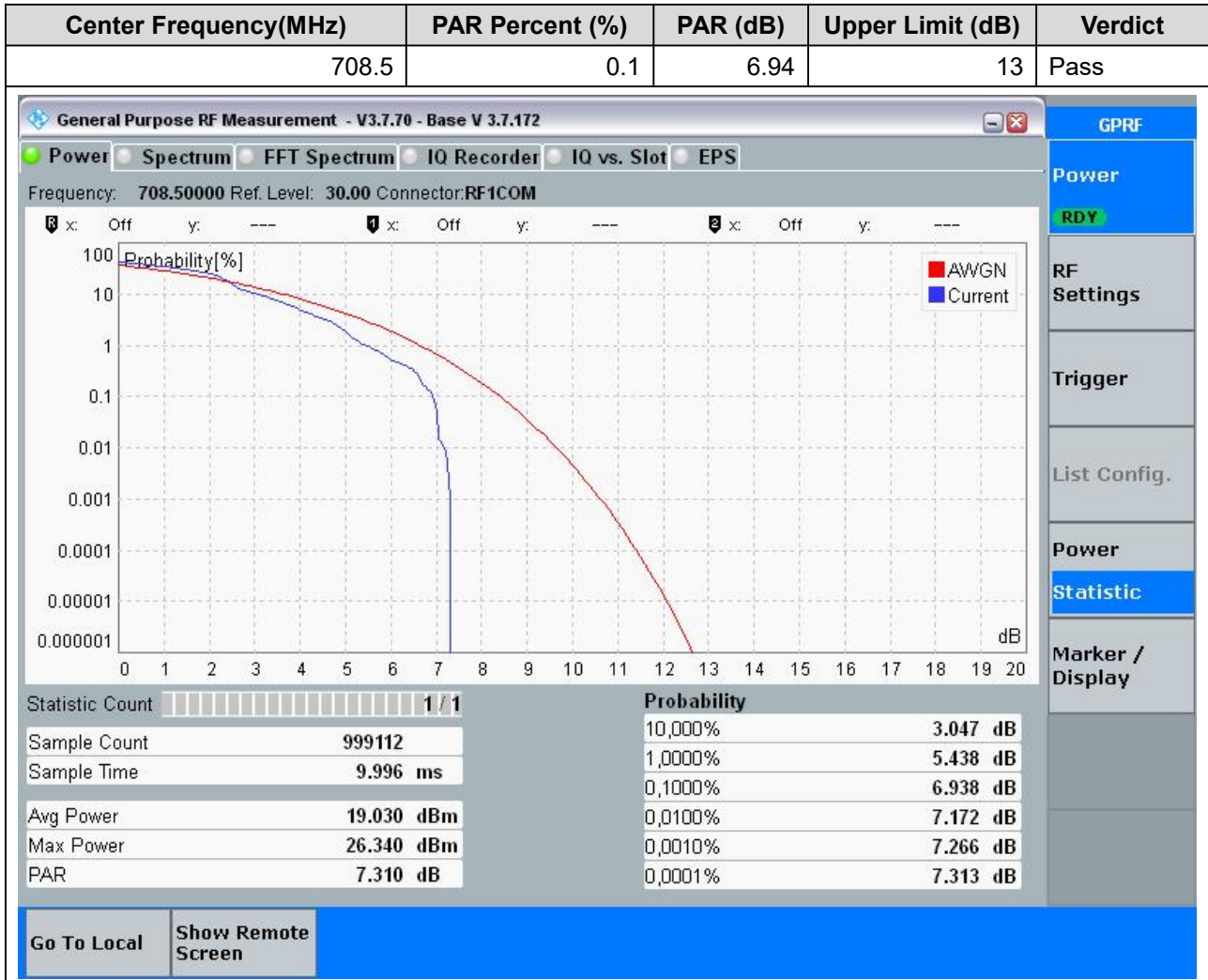
Probability	
10,000%	2.766 dB
1,0000%	5.109 dB
0,1000%	6.094 dB
0,0100%	6.188 dB
0,0010%	6.234 dB
0,0001%	6.234 dB

Go To Local
Show Remote Screen

20.28. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:75, RB Position:0)



20.29. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)



20.30. Peak to Average Ratio for SA(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:75, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
708.5	0.1	6.52	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS
 Frequency: **708.50000** Ref. Level: **30.00** Connector: **RF1COM**

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

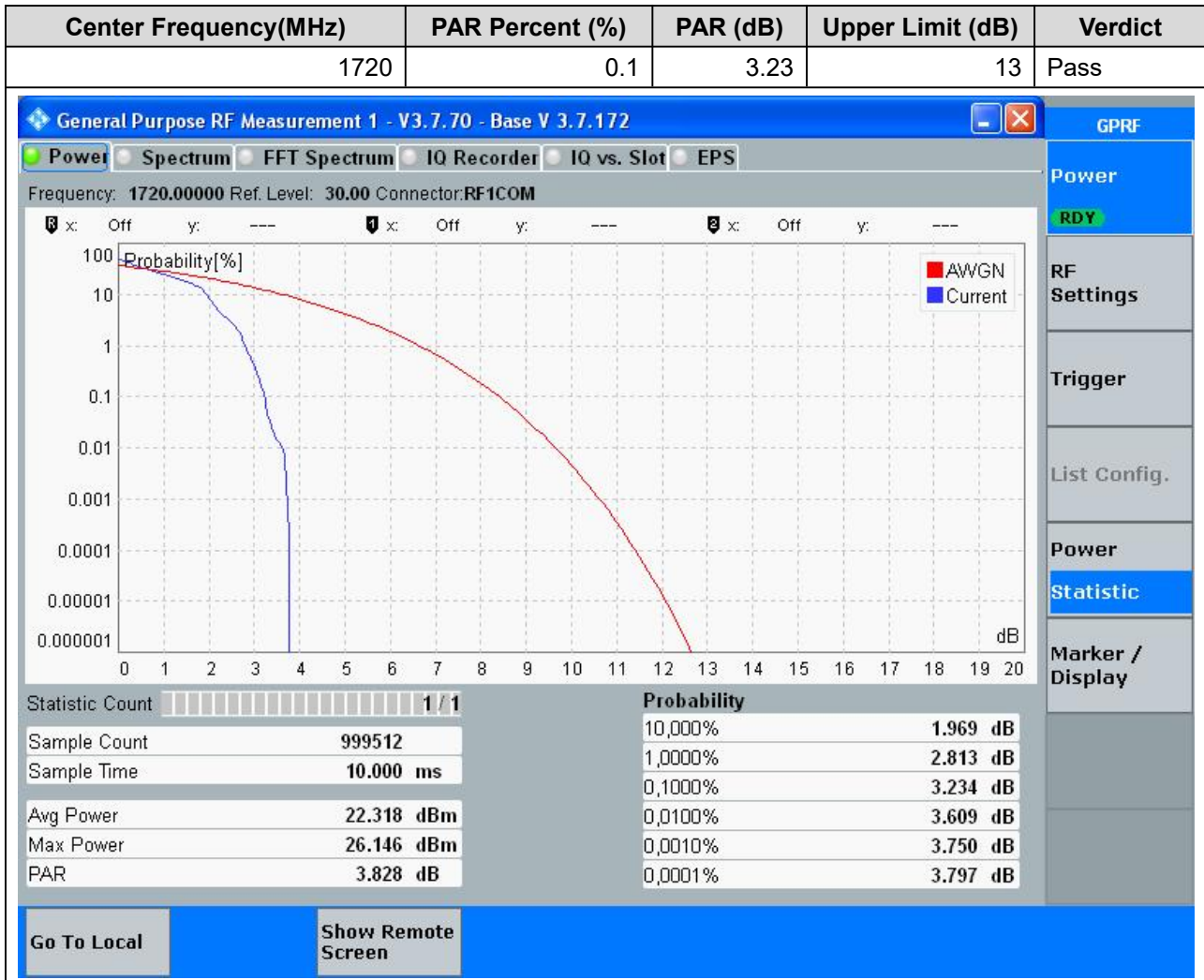
Statistic Count	
Sample Count	998912
Sample Time	9.994 ms
Avg Power	19.383 dBm
Max Power	27.493 dBm
PAR	8.110 dB

Probability	
10,000%	2.813 dB
1,0000%	5.203 dB
0,1000%	6.516 dB
0,0100%	7.406 dB
0,0010%	7.828 dB
0,0001%	8.063 dB

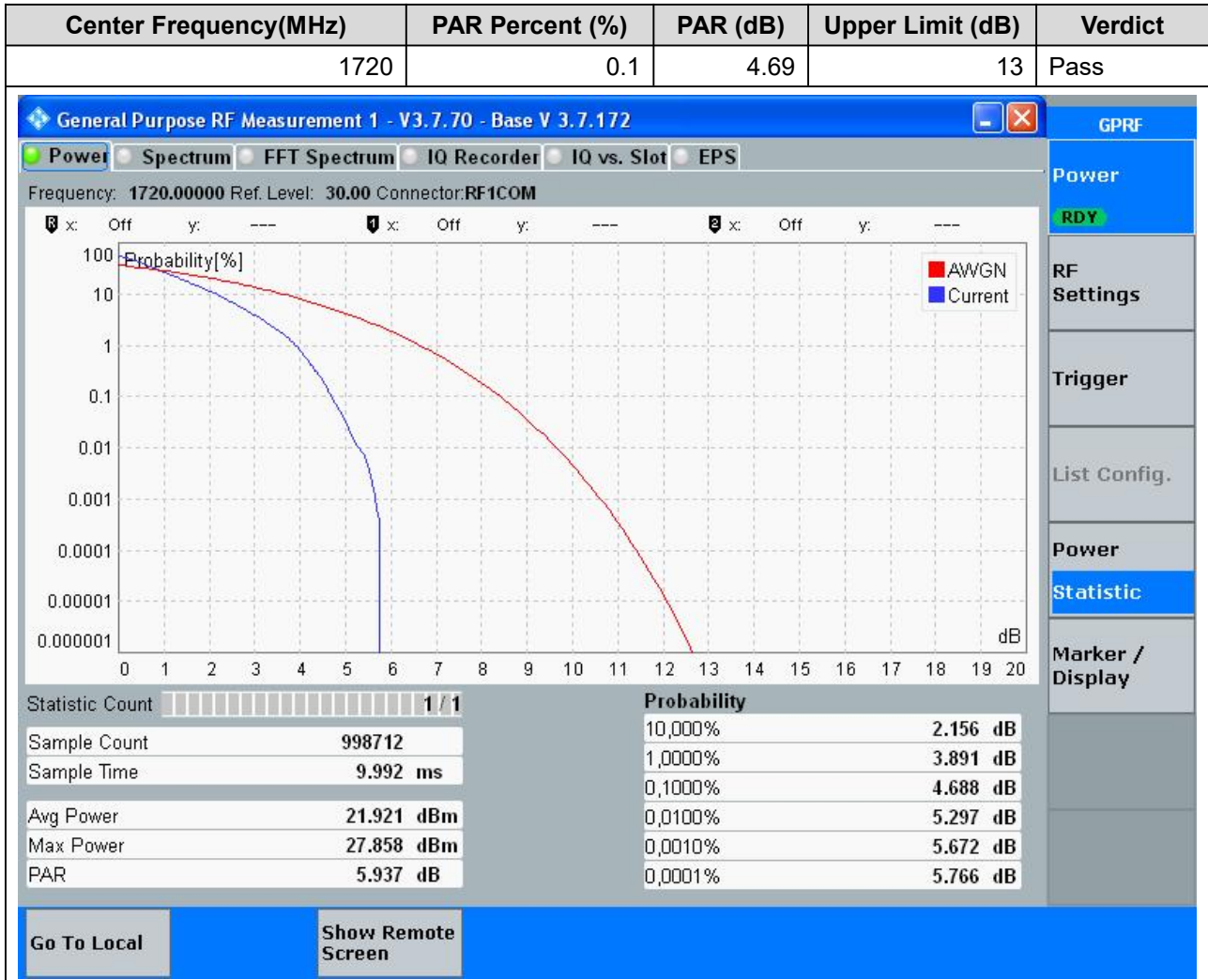
Go To Local
Show Remote Screen

21. n66 15kHz

21.1. Peak to Average Ratio for SA(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



21.2. Peak to Average Ratio for SA(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)



21.3. Peak to Average Ratio for SA(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

