

Annex A.2 Peak to Average Ratio

1. WCDMA_Band2

1.1. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9262)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1852.4	0.1	2.95	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1852.40000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	999512
Sample Time	40.000 ms
Avg Power	22.551 dBm
Max Power	25.954 dBm
PAR	3.403 dB

Probability	
10,000%	1.641 dB
1,0000%	2.484 dB
0,1000%	2.953 dB
0,0100%	3.188 dB
0,0010%	3.281 dB
0,0001%	3.328 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

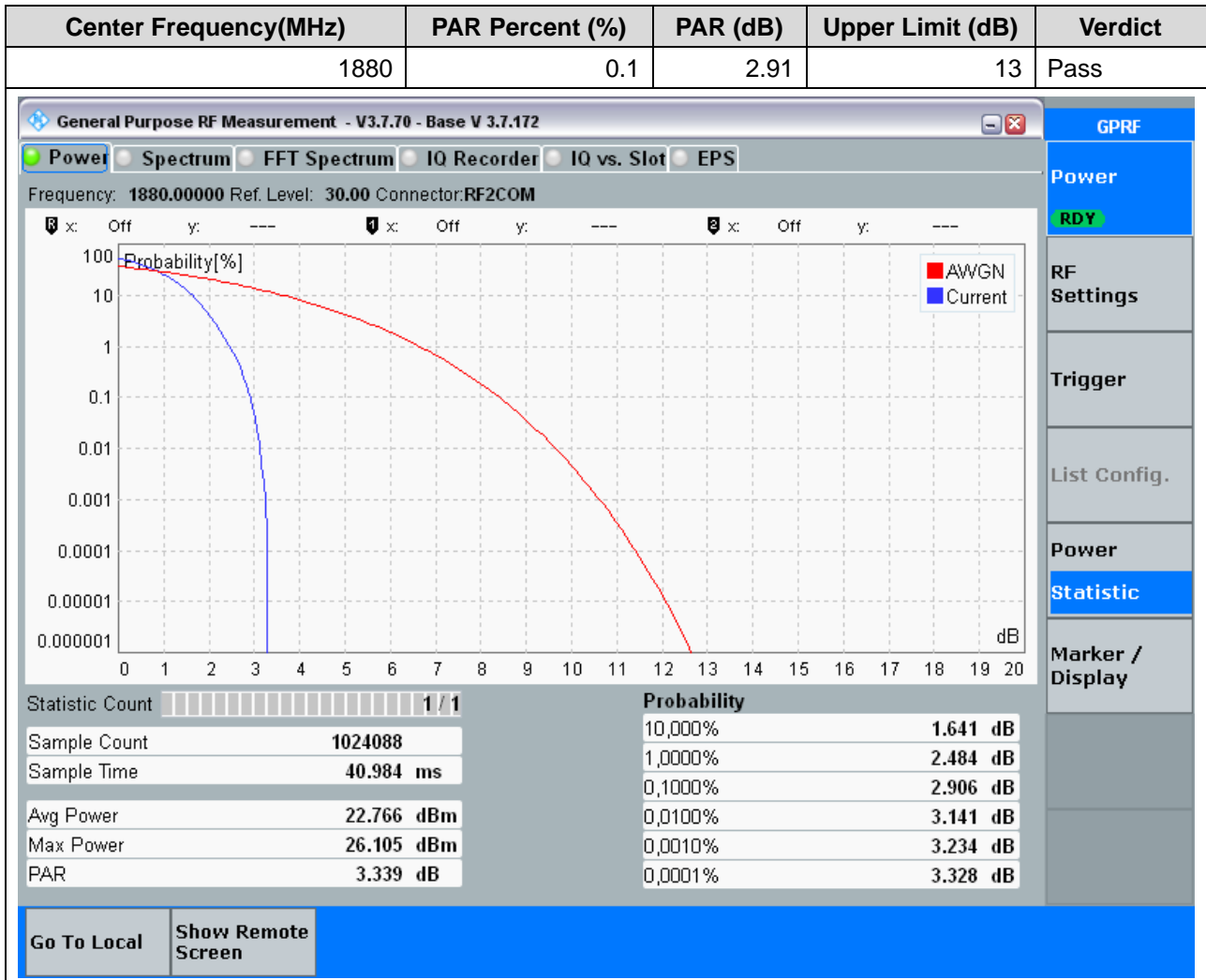
List Config.

Power

Statistic

Marker / Display

1.2. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9400)



1.3. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9538)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1907.6	0.1	2.72	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: 1907.60000 Ref. Level: 30.00 Connector:RF2COM

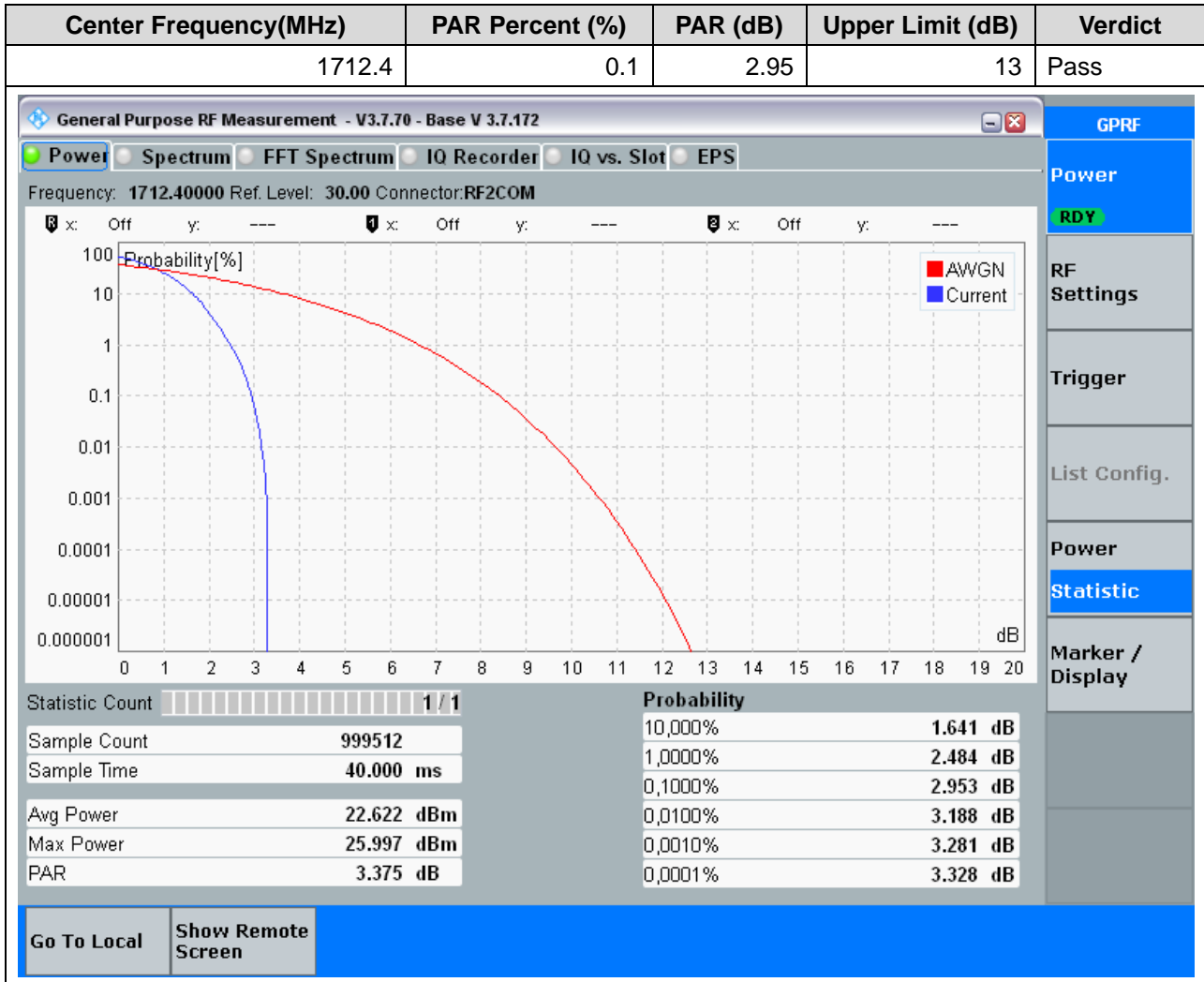
GPRF
Power
RDY
RF Settings
Trigger
List Config.
Power
Statistic
Marker / Display

Statistic Count 1 / 1		Probability	
Sample Count	999512	10,000%	1.594 dB
Sample Time	40.000 ms	1,0000%	2.297 dB
		0,1000%	2.719 dB
Avg Power	22.730 dBm	0,0100%	2.859 dB
Max Power	25.778 dBm	0,0010%	3.000 dB
PAR	3.047 dB	0,0001%	3.000 dB

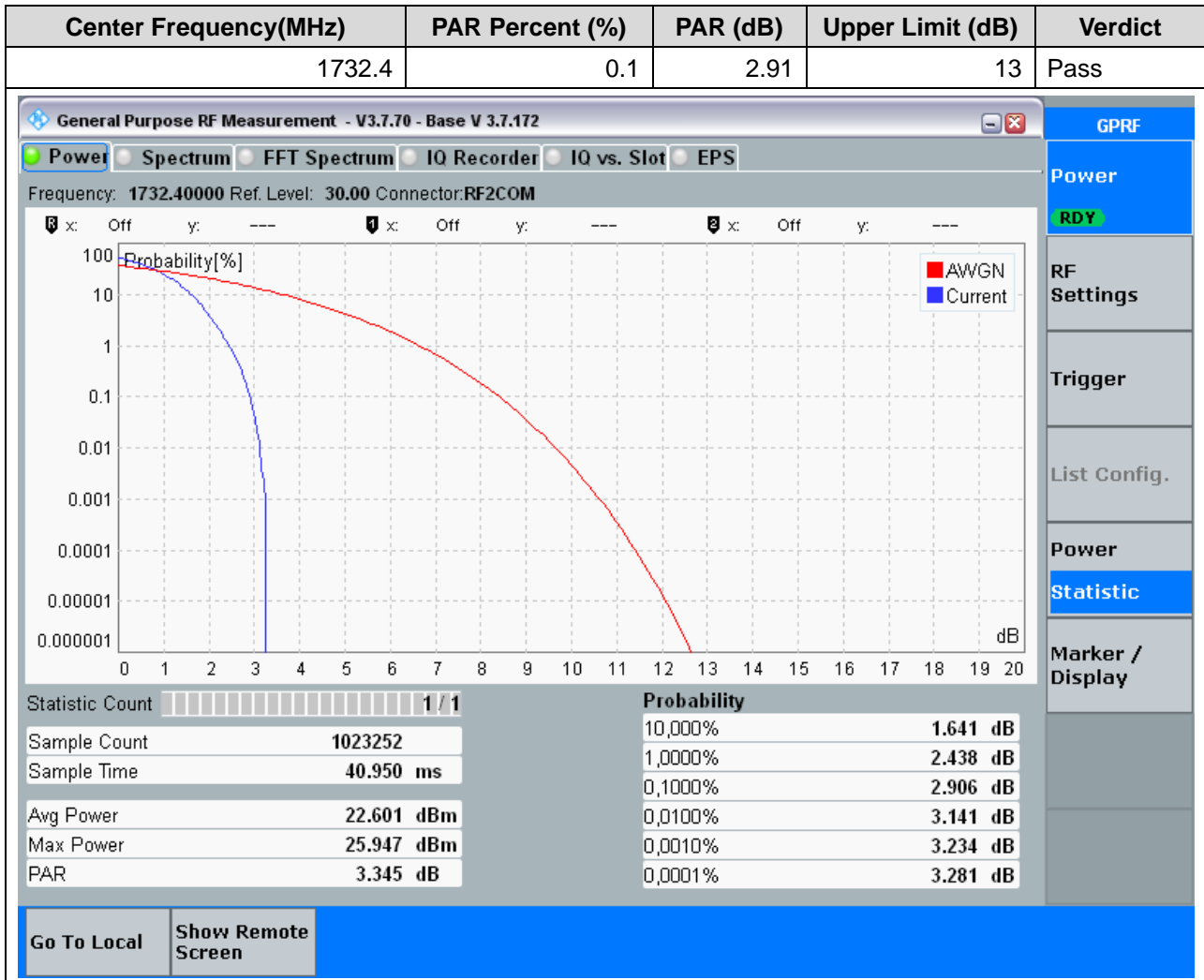
Go To Local
Show Remote Screen

2. WCDMA_Band4

2.1. WCDMA Peak to Average Ratio_Part22-24-27(NTLV)(Channel:1312)



2.2. WCDMA Peak to Average Ratio_Part22-24-27(NTLV)(Channel:1412)



2.3. WCDMA Peak to Average Ratio_Part22-24-27(NTLV)(Channel:1513)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1752.6	0.1	2.91	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

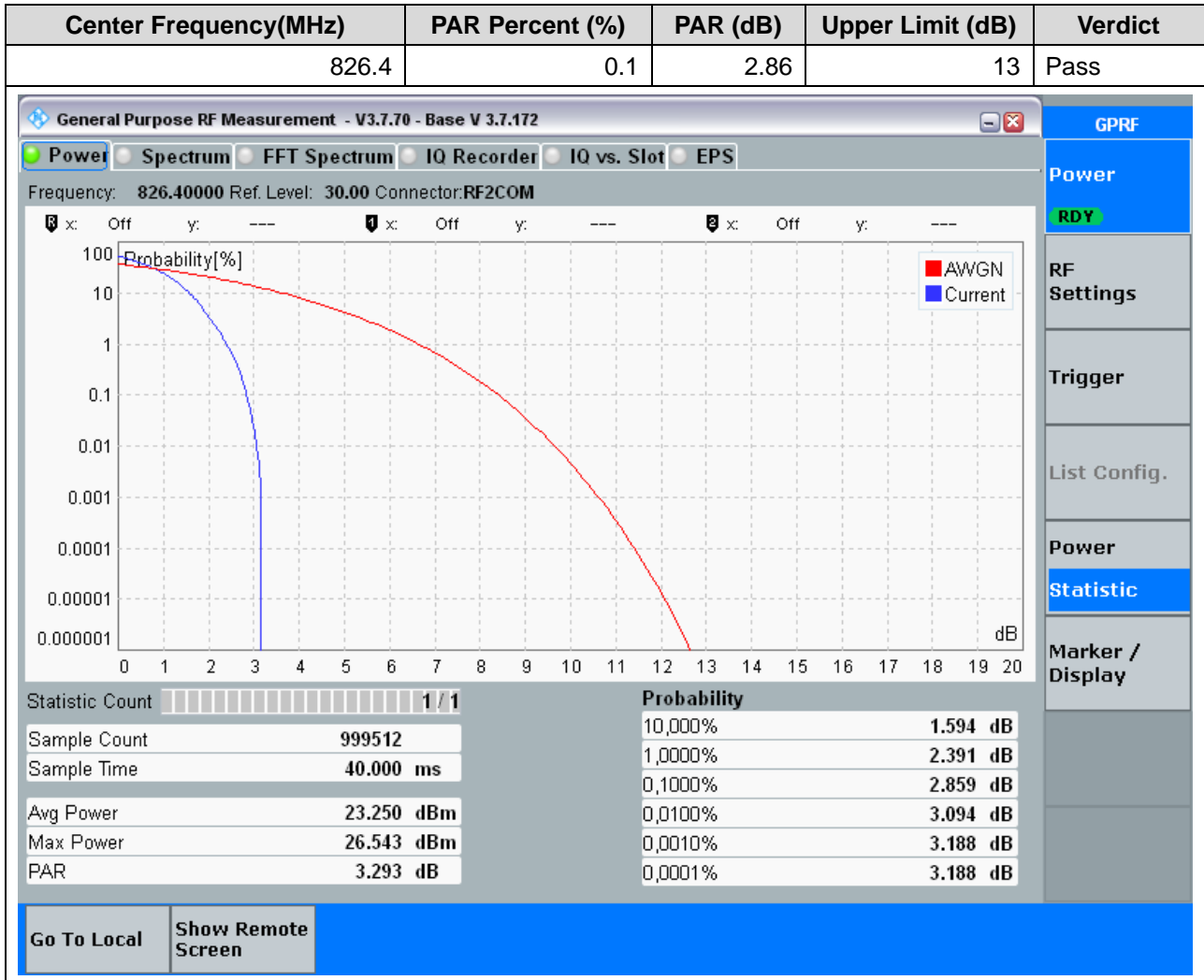
Frequency: 1752.60000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count	1 / 1	Probability	
Sample Count	1000310	10,000%	1.641 dB
Sample Time	40.032 ms	1,0000%	2.438 dB
Avg Power	22.572 dBm	0,1000%	2.906 dB
Max Power	25.870 dBm	0,0010%	3.188 dB
PAR	3.298 dB	0,0001%	3.281 dB

Go To Local Show Remote Screen

3. WCDMA_Band5

3.1. WCDMA Peak to Average Ratio_Part22-24-27(NTLV)(Channel:4132)



3.2. WCDMA Peak to Average Ratio_Part22-24-27(NTLV)(Channel:4182)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.4	0.1	2.91	13	Pass

General Purpose RF Measurement - V3.7.70 - Base V 3.7.172
Power | Spectrum | FFT Spectrum | IQ Recorder | IQ vs. Slot | EPS
 Frequency: 836.40000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count	
Sample Count	1024090
Sample Time	40.984 ms
Avg Power	23.310 dBm
Max Power	26.685 dBm
PAR	3.375 dB

Probability	
10,000%	1.594 dB
1,0000%	2.438 dB
0,1000%	2.906 dB
0,0100%	3.094 dB
0,0010%	3.234 dB
0,0001%	3.281 dB

Go To Local
Show Remote Screen

3.3. WCDMA Peak to Average Ratio_Part22-24-27(NTLV)(Channel:4233)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
846.6	0.1	2.77	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

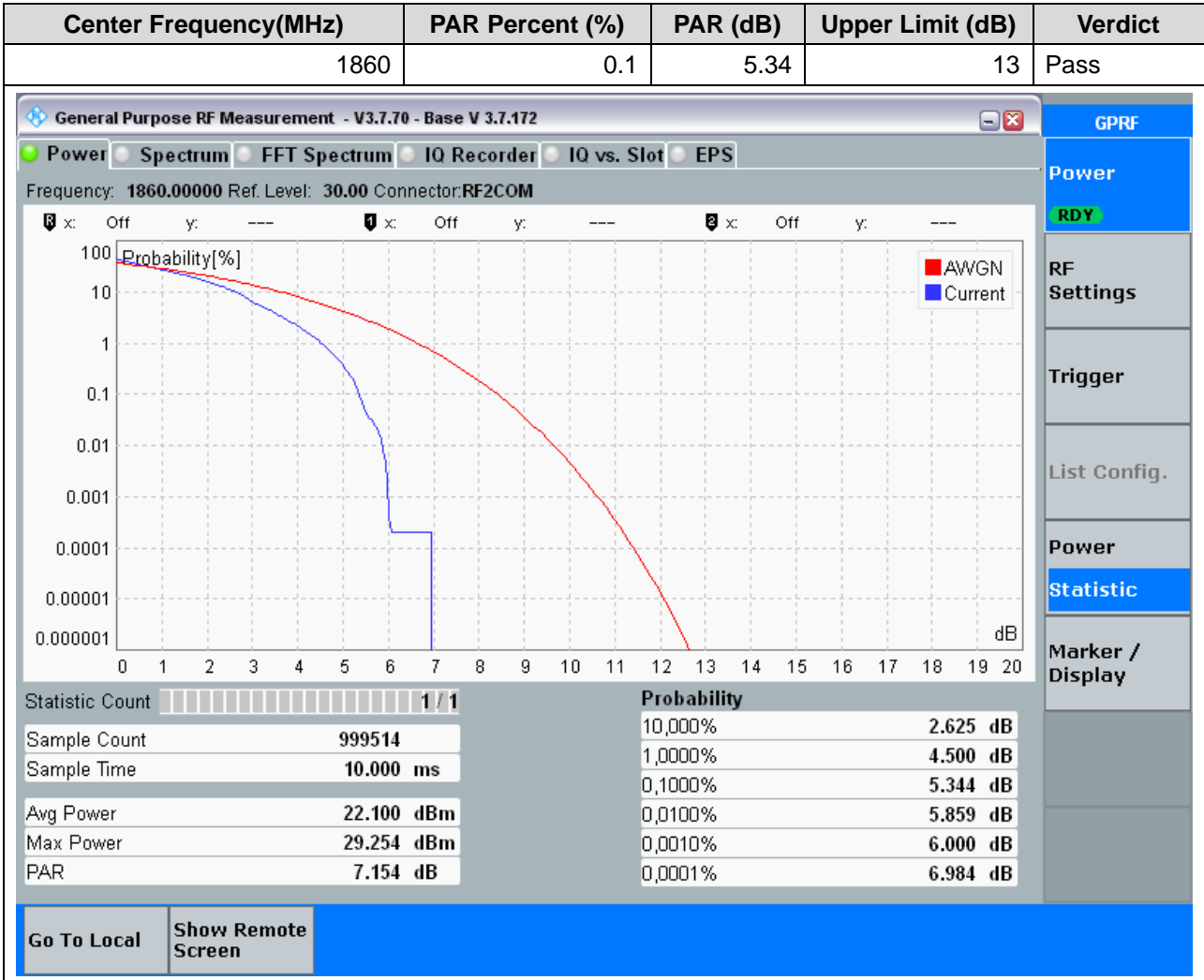
Frequency: 846.60000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count	1 / 1	Probability	
Sample Count	999512	10,000%	1.547 dB
Sample Time	40.000 ms	1,0000%	2.344 dB
Avg Power	23.210 dBm	0,1000%	2.766 dB
Max Power	26.400 dBm	0,0010%	3.047 dB
PAR	3.190 dB	0,0001%	3.141 dB

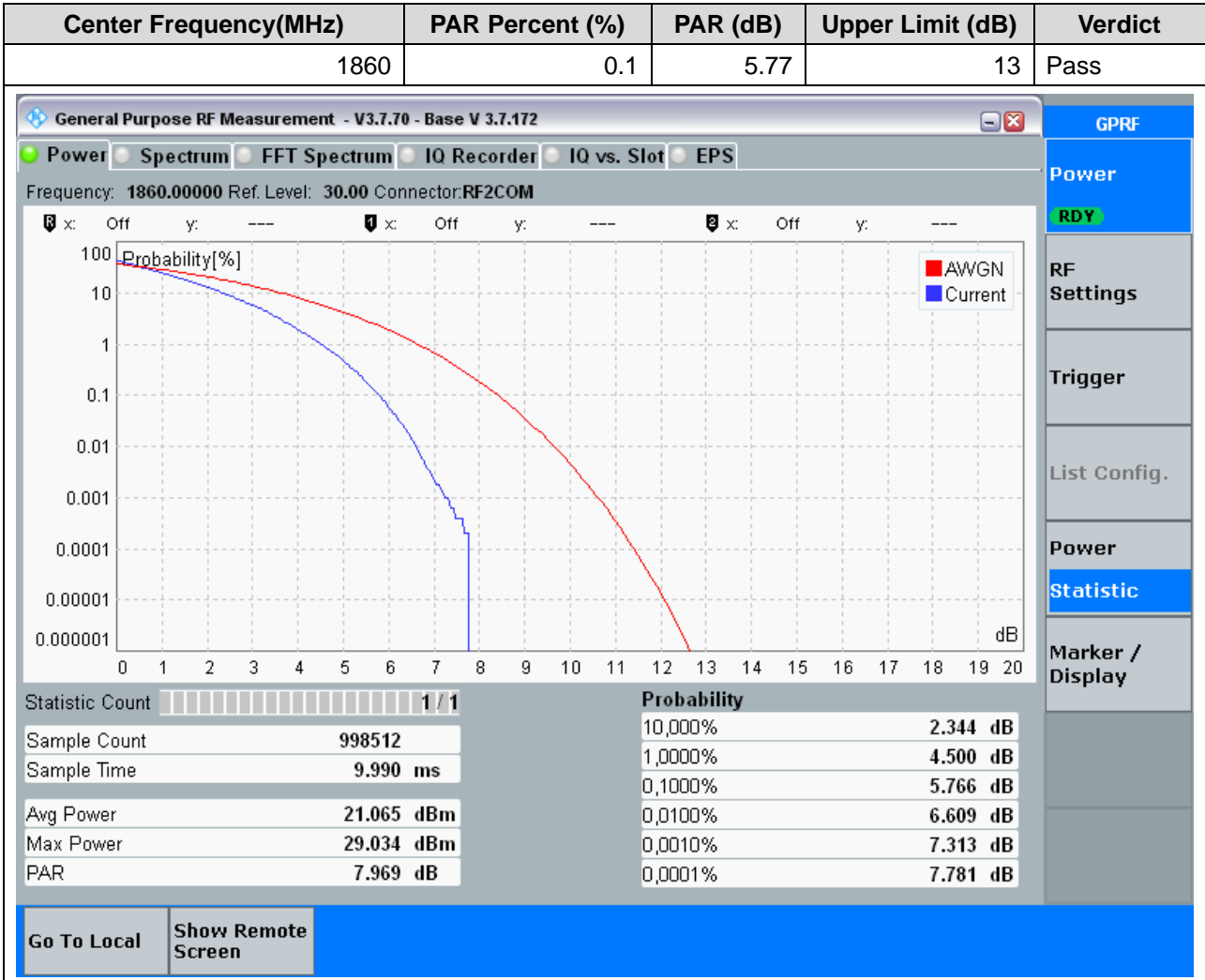
Go To Local Show Remote Screen

4. LTE_Band2

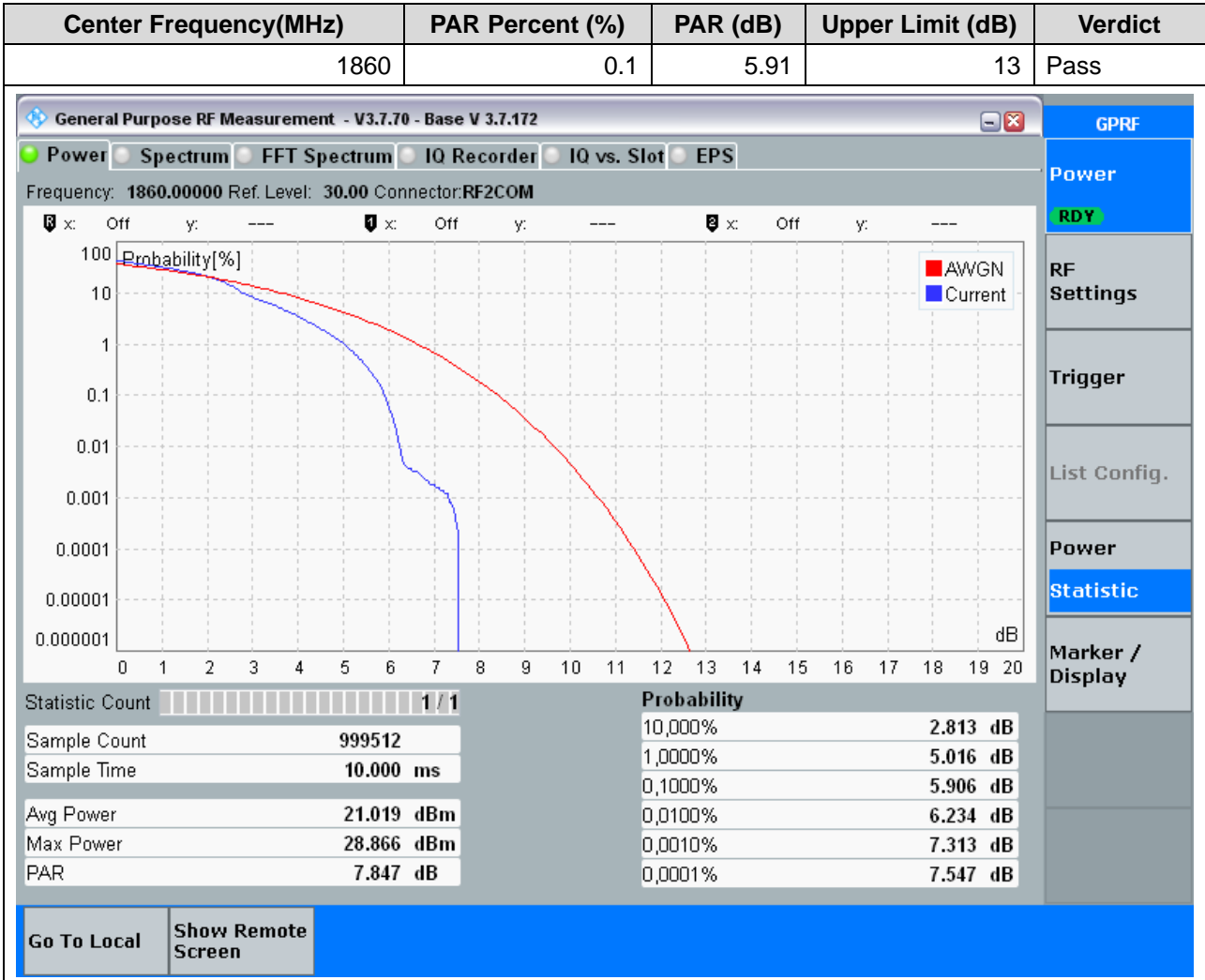
4.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



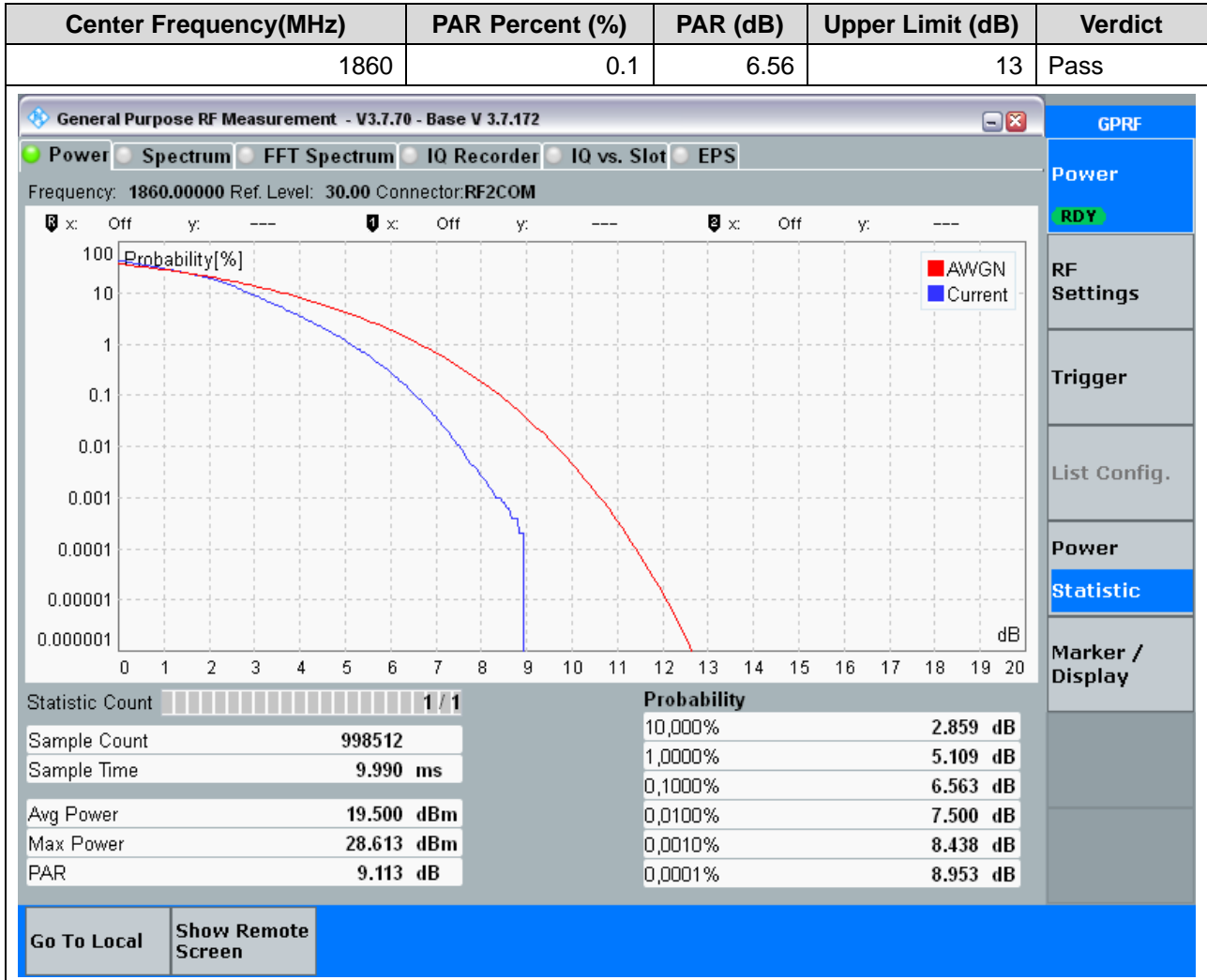
4.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



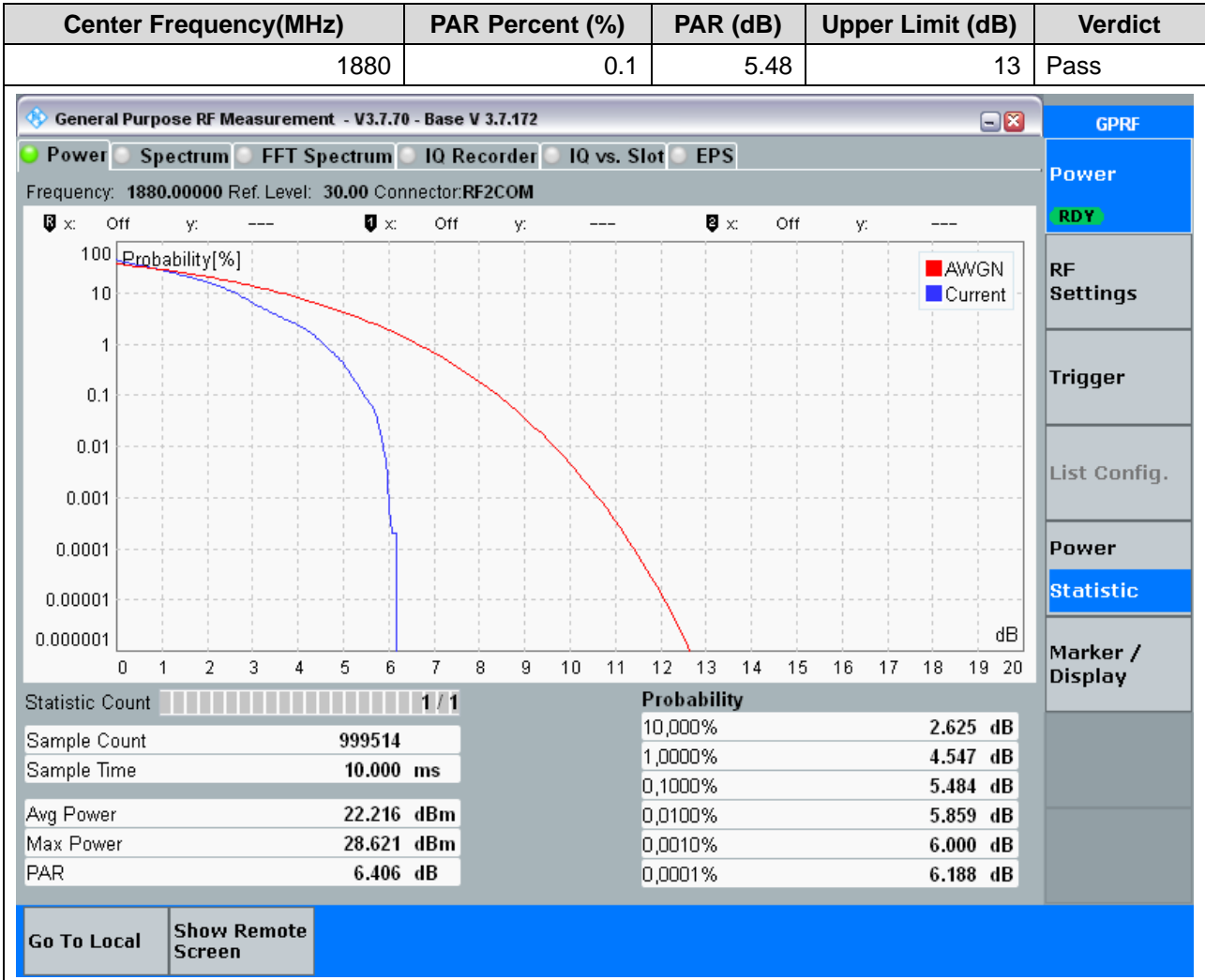
4.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



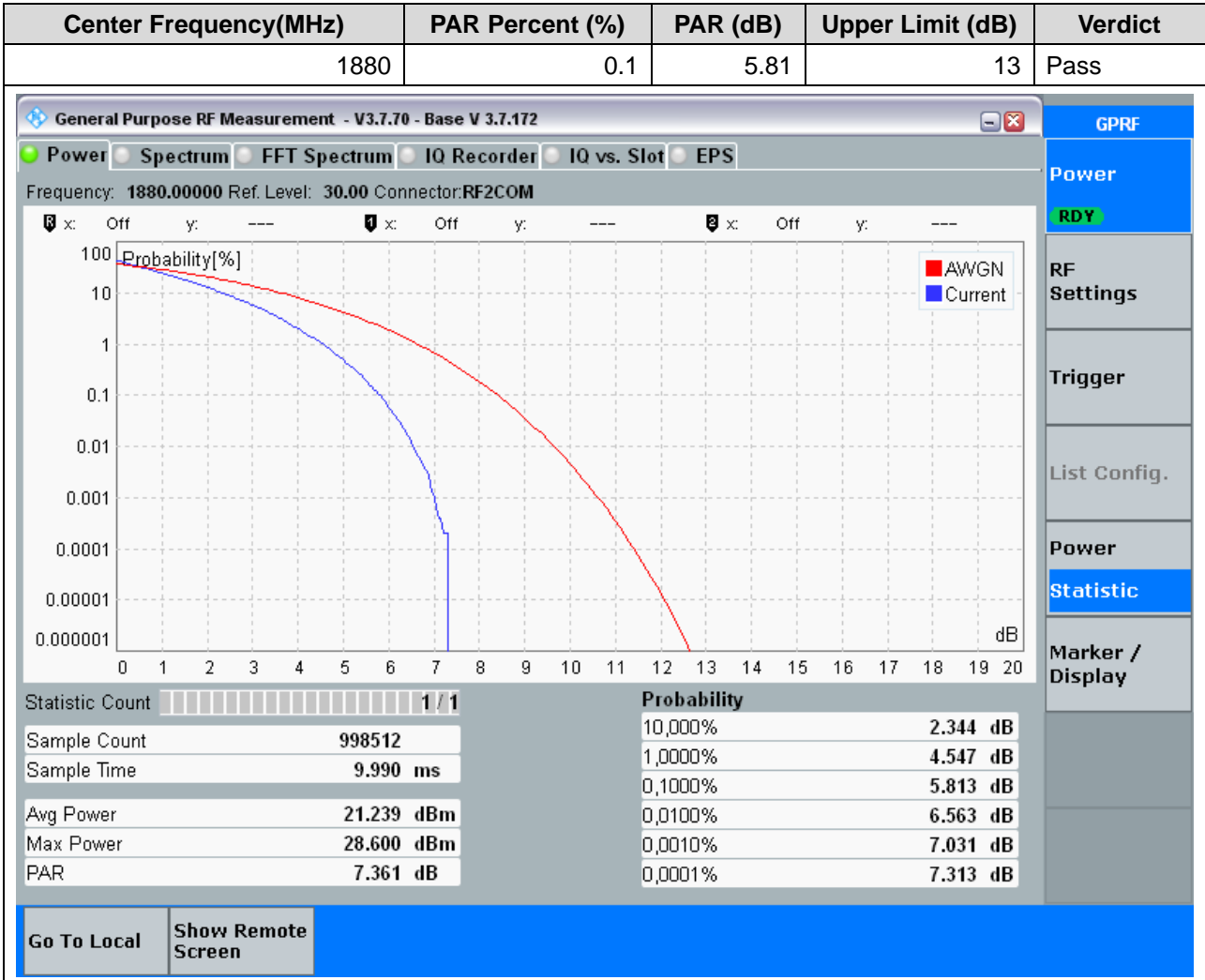
4.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



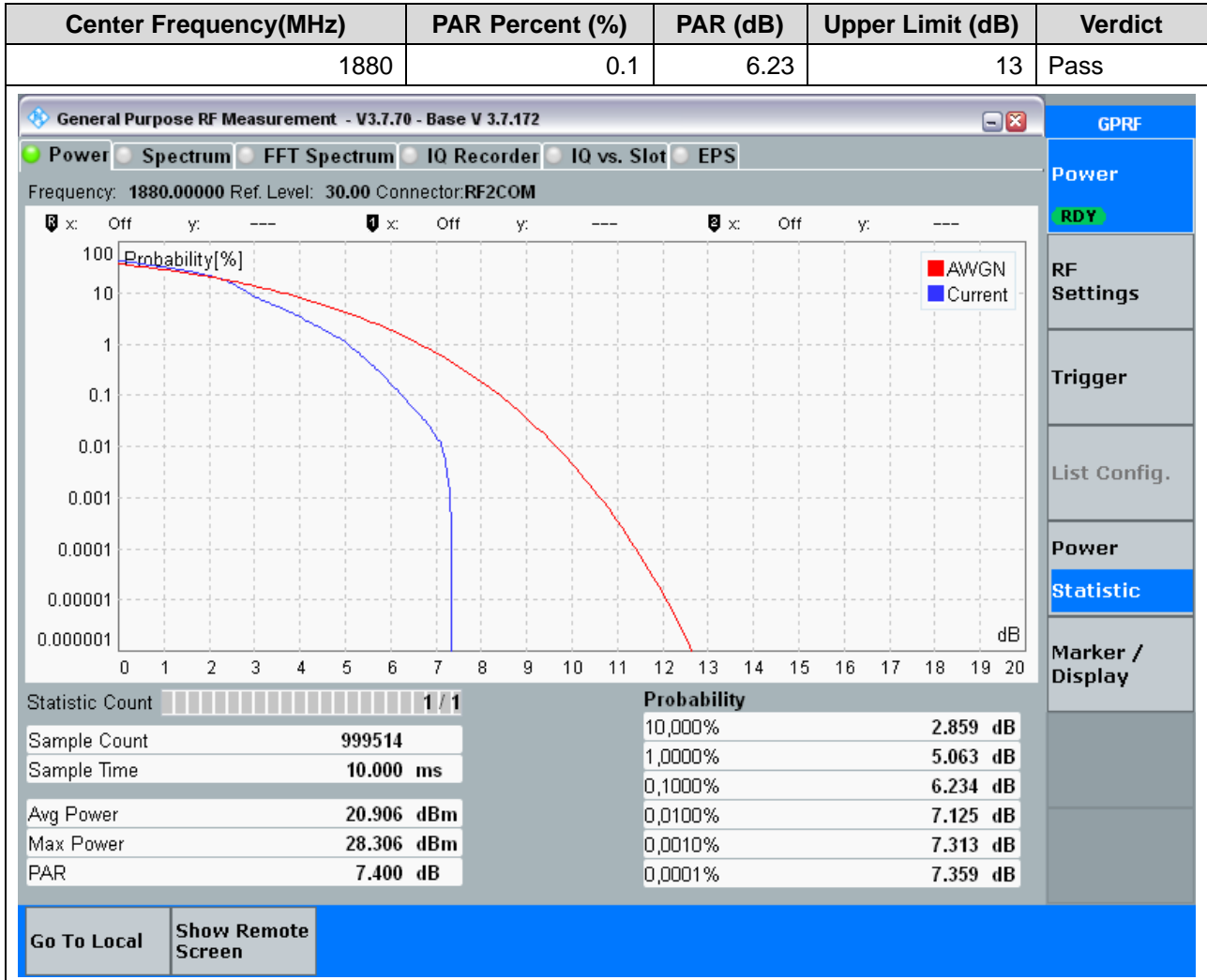
4.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



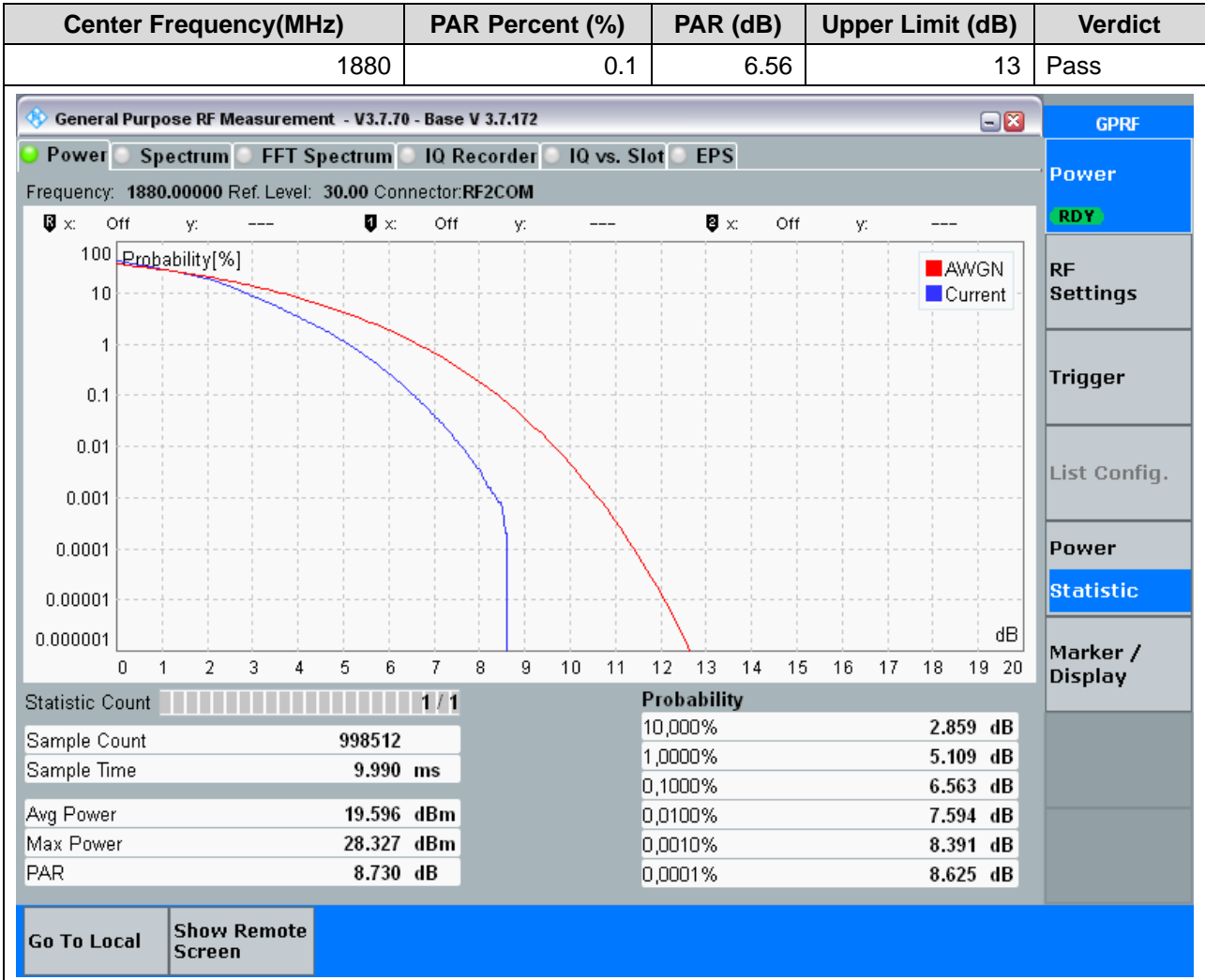
4.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



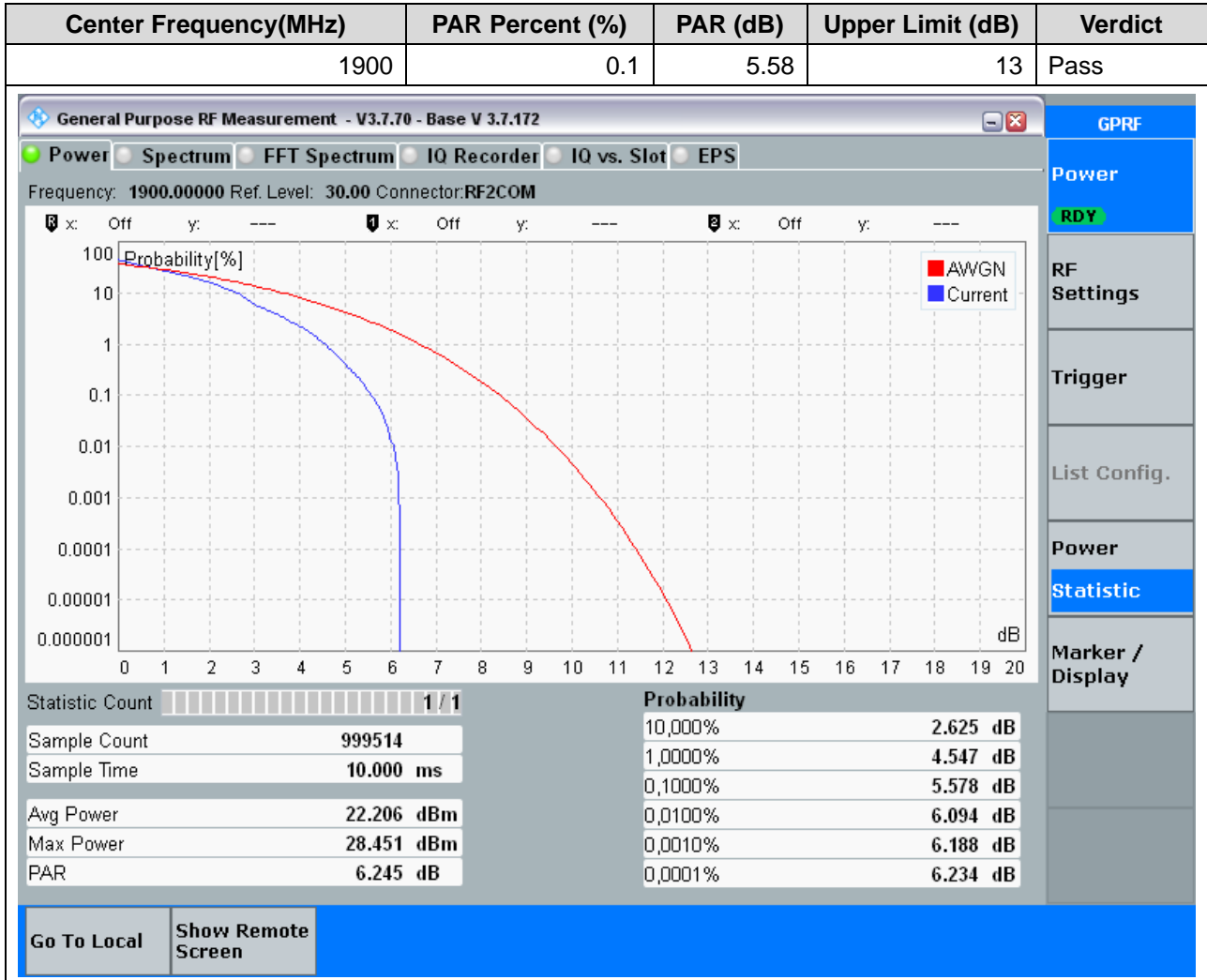
4.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



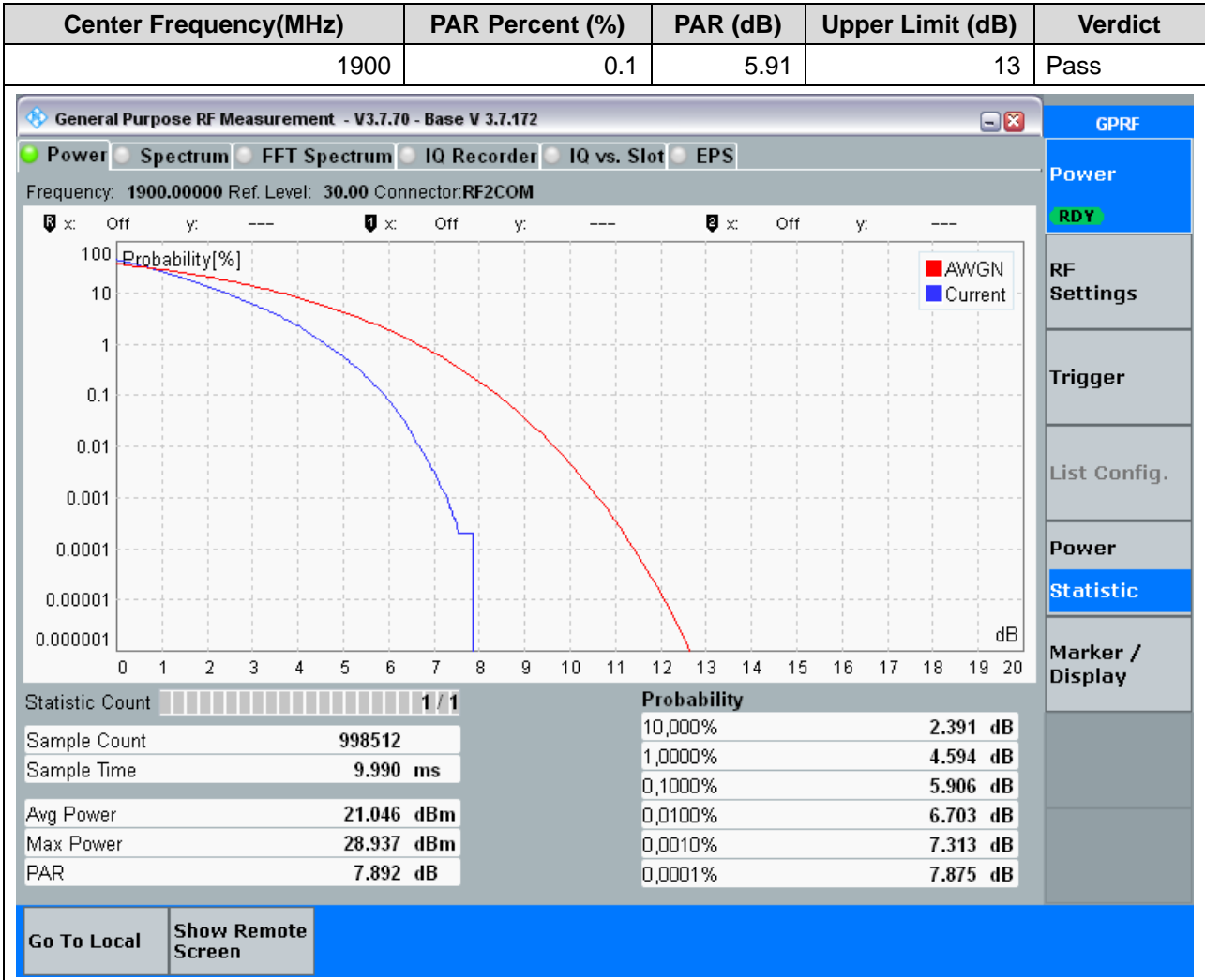
4.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



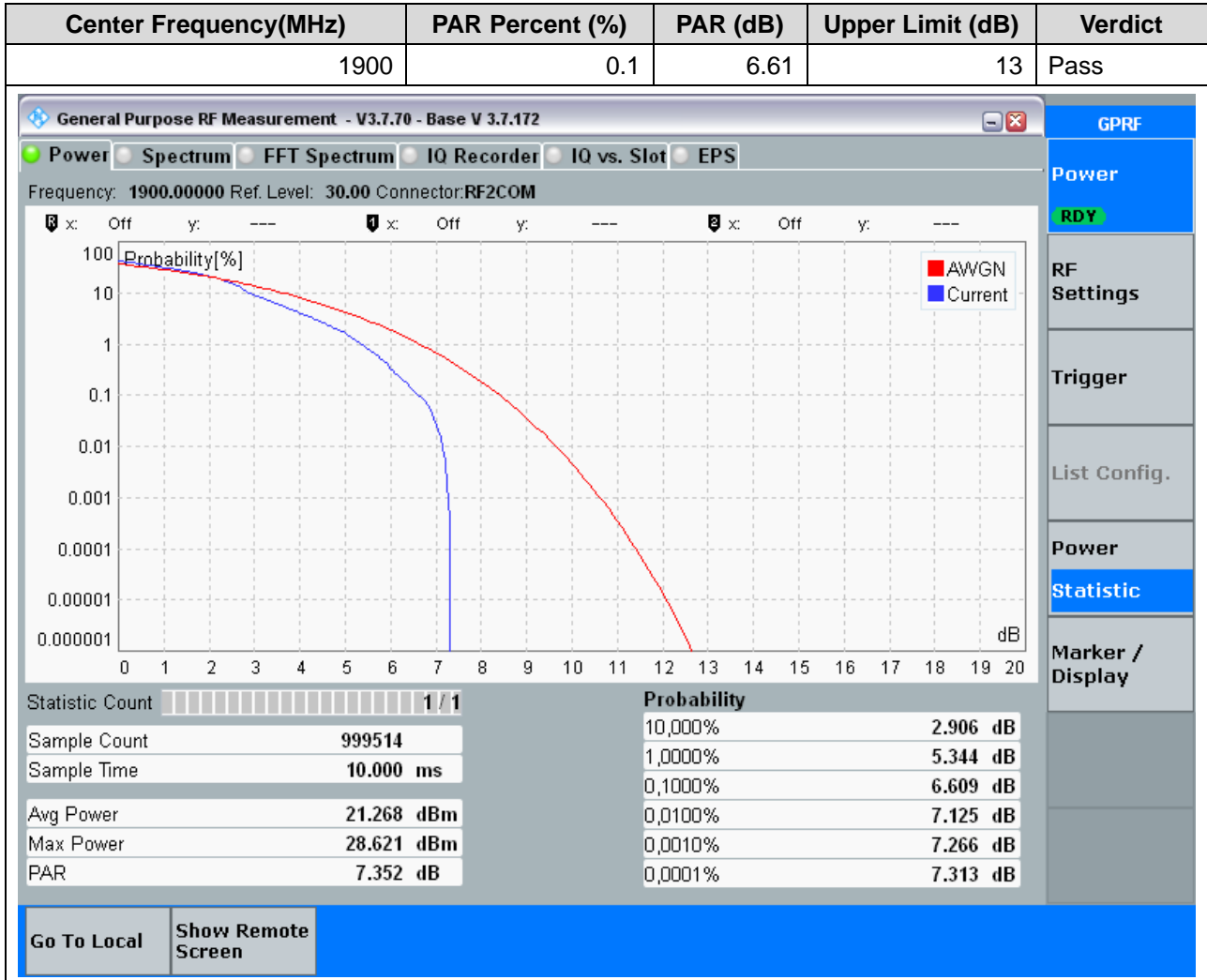
4.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



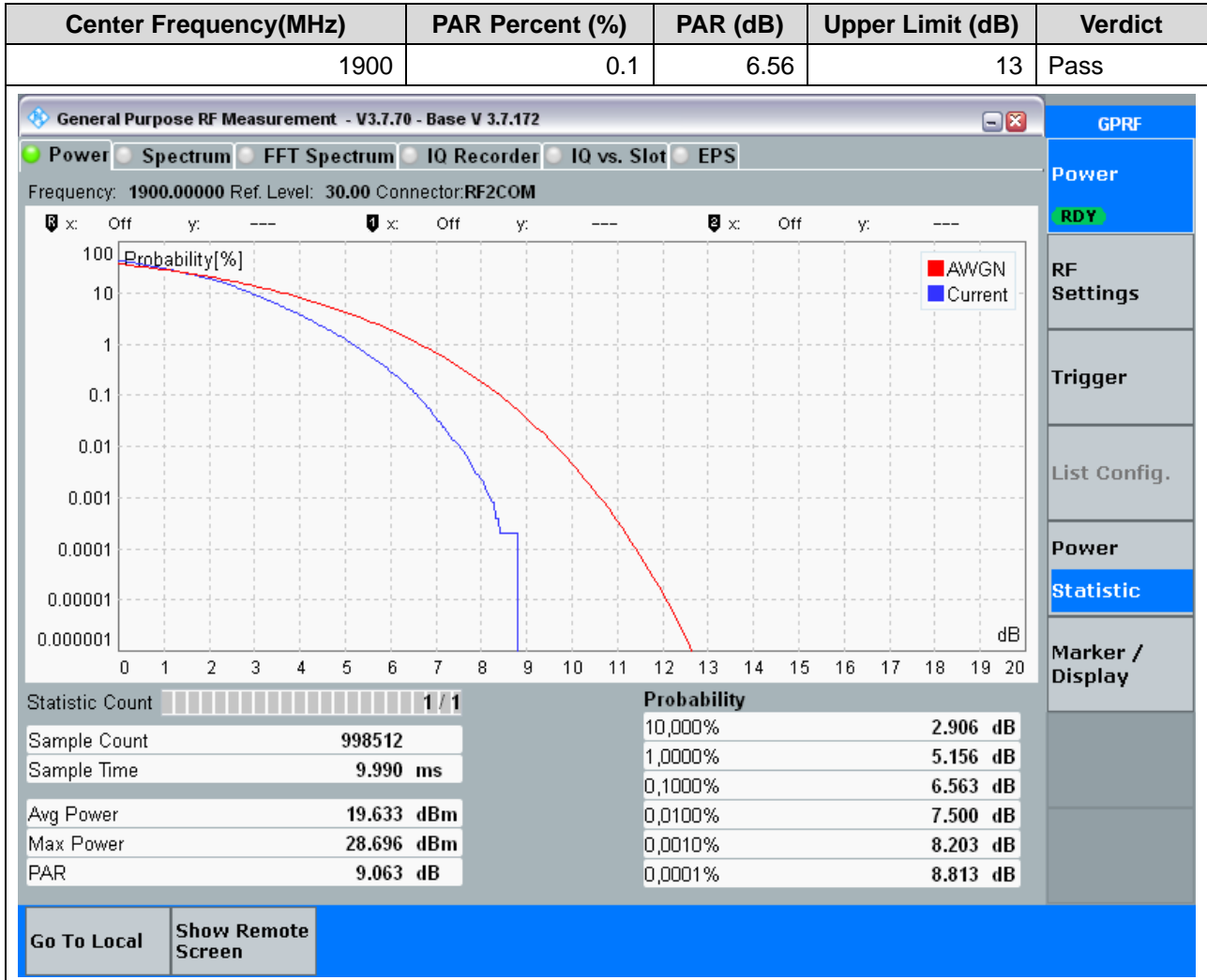
4.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



4.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

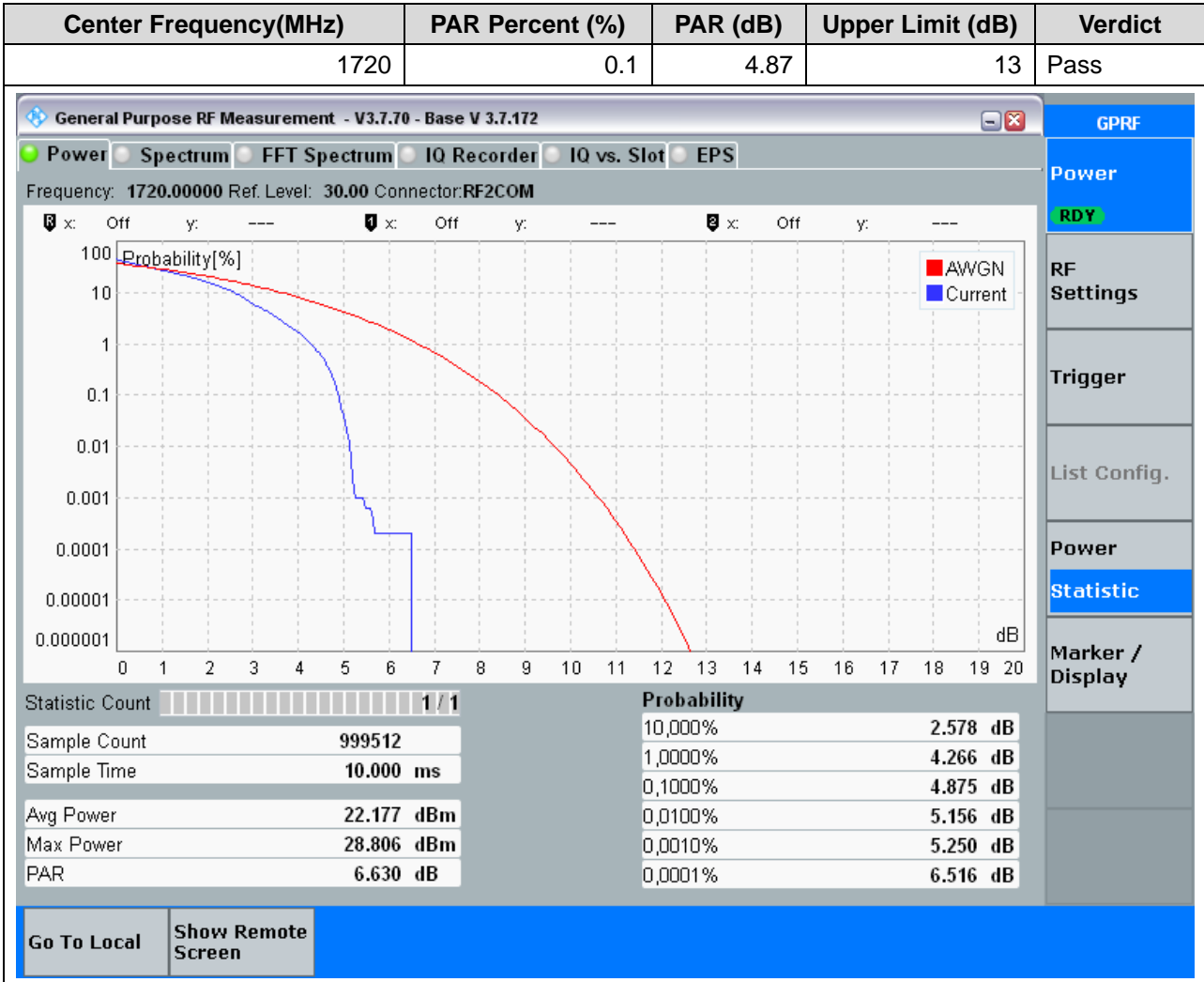


4.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

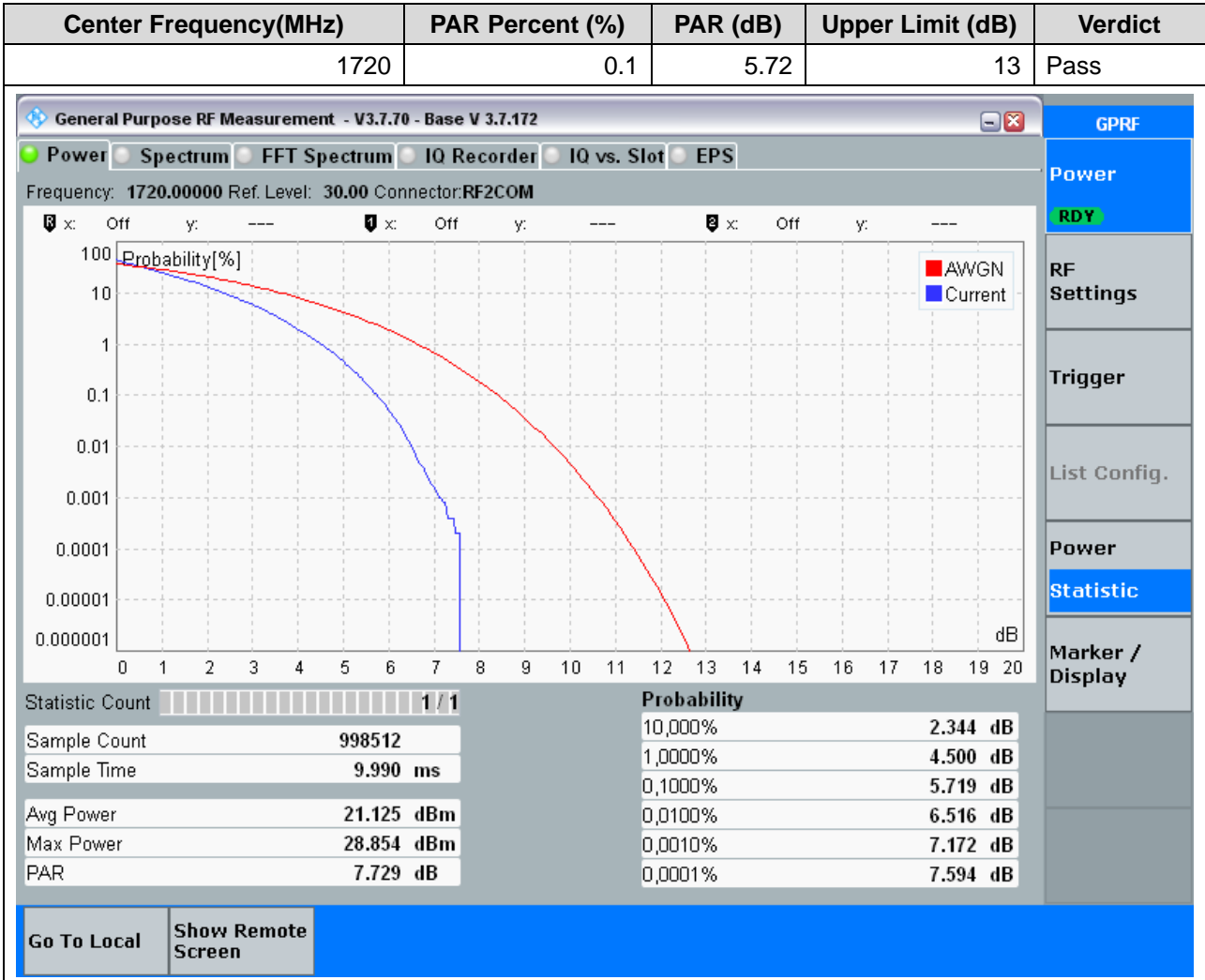


5. LTE_Band4

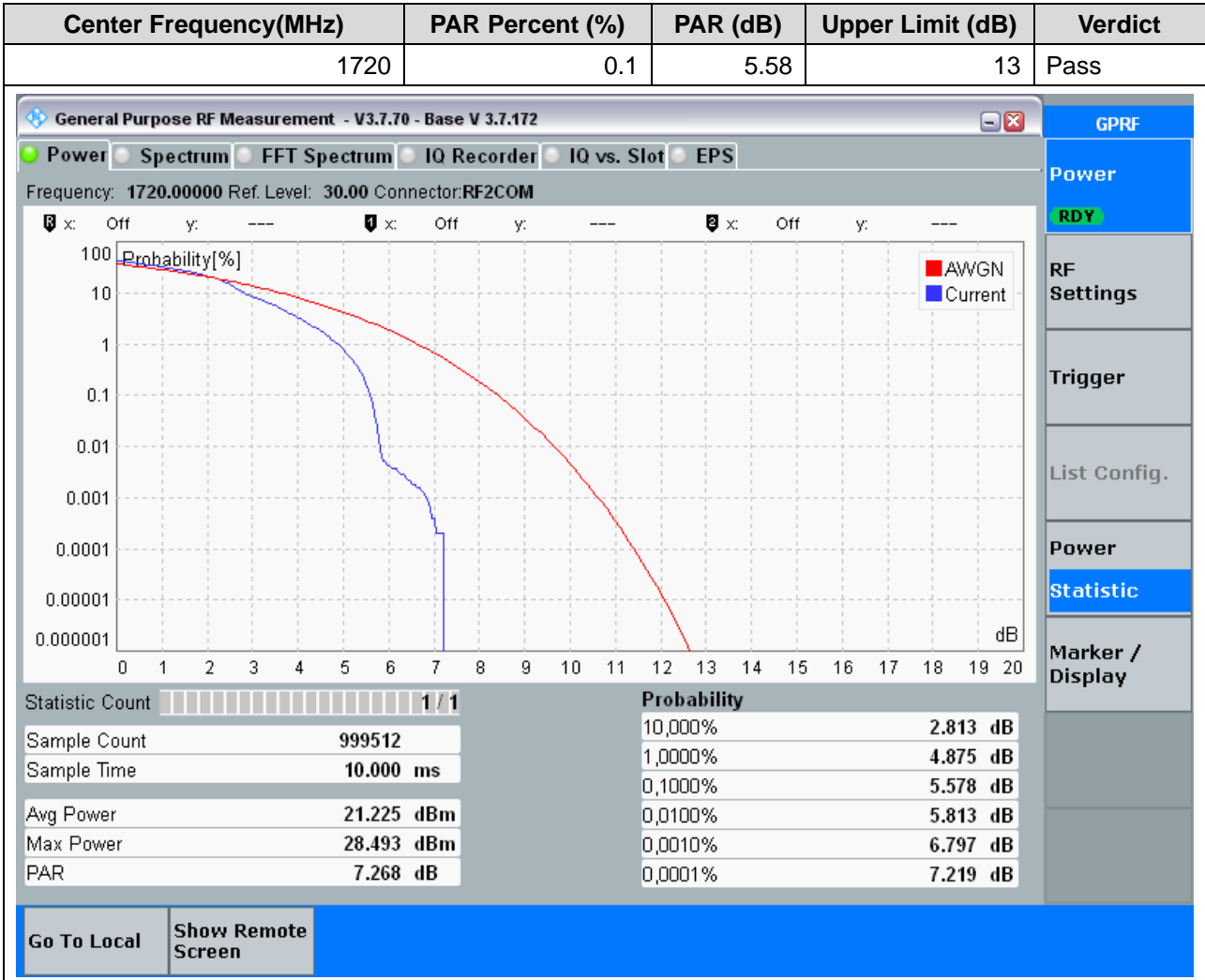
5.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



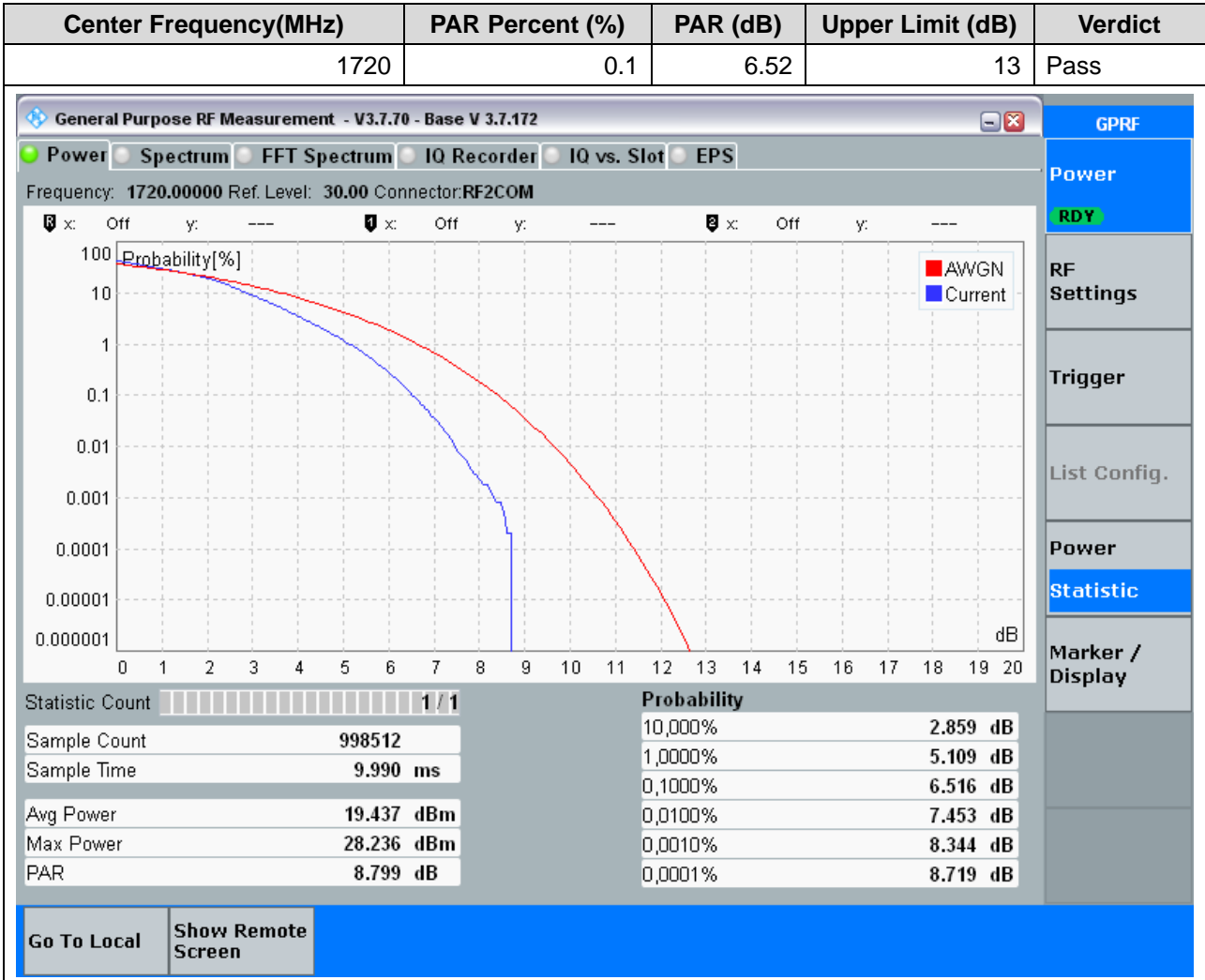
5.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



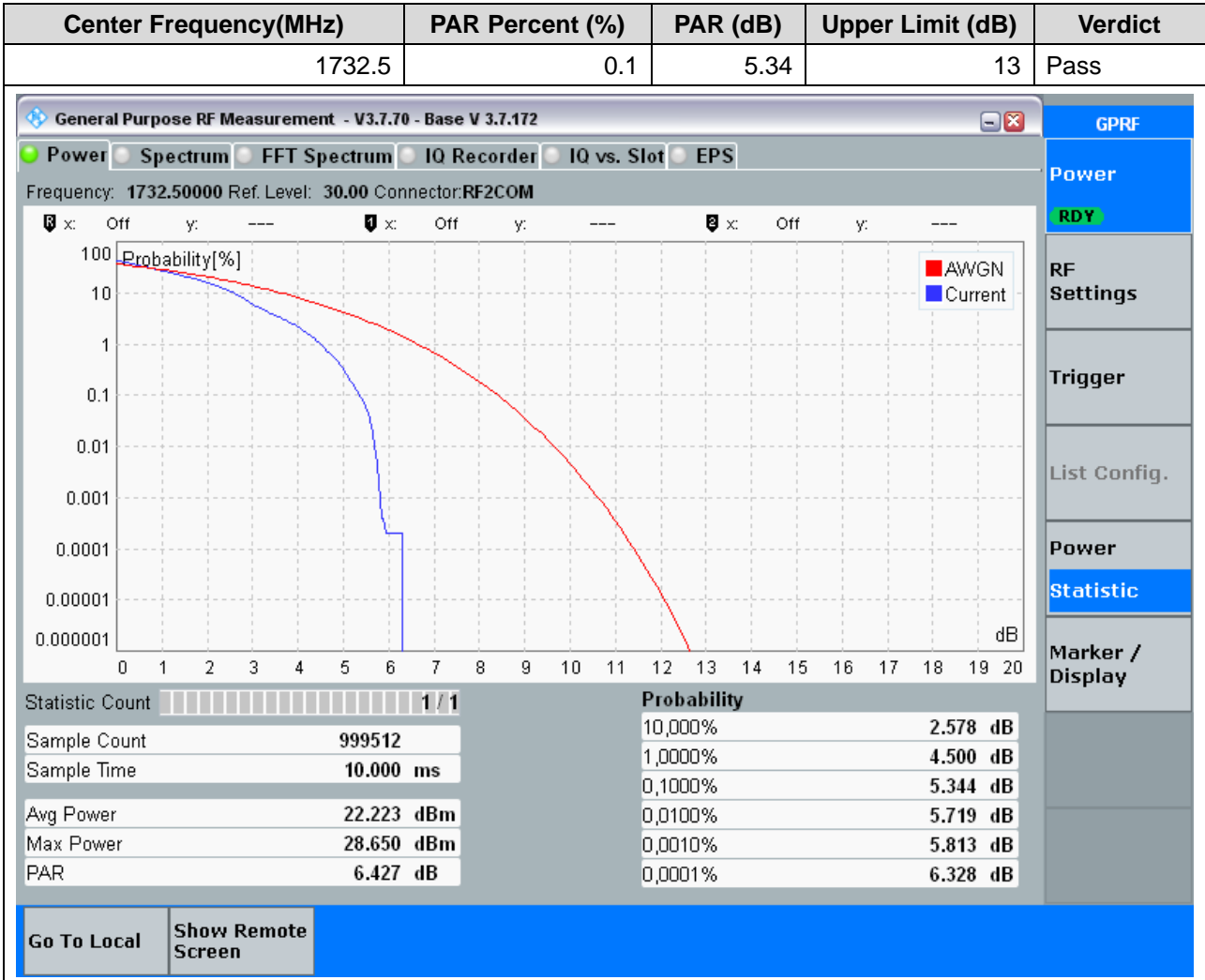
5.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



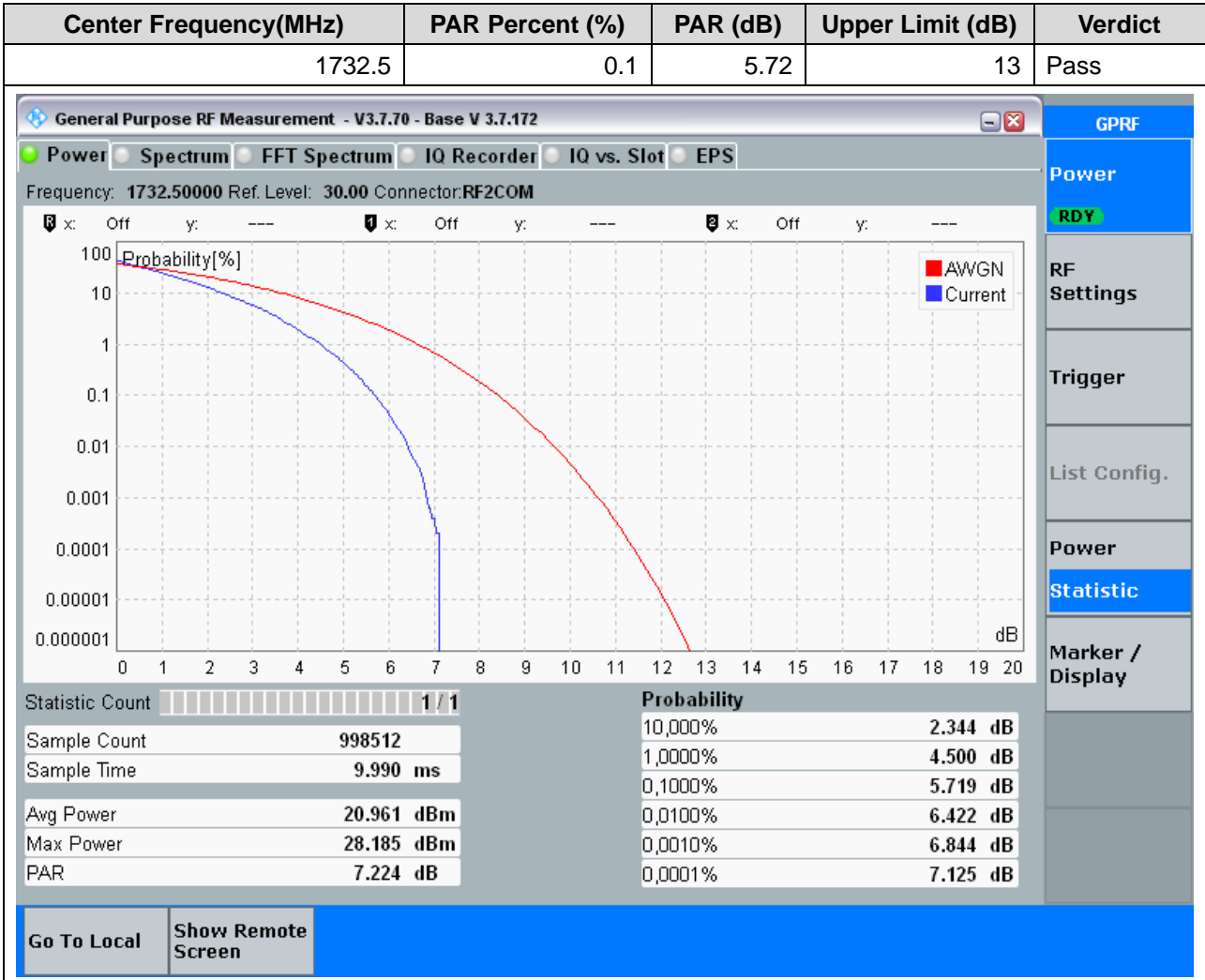
5.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



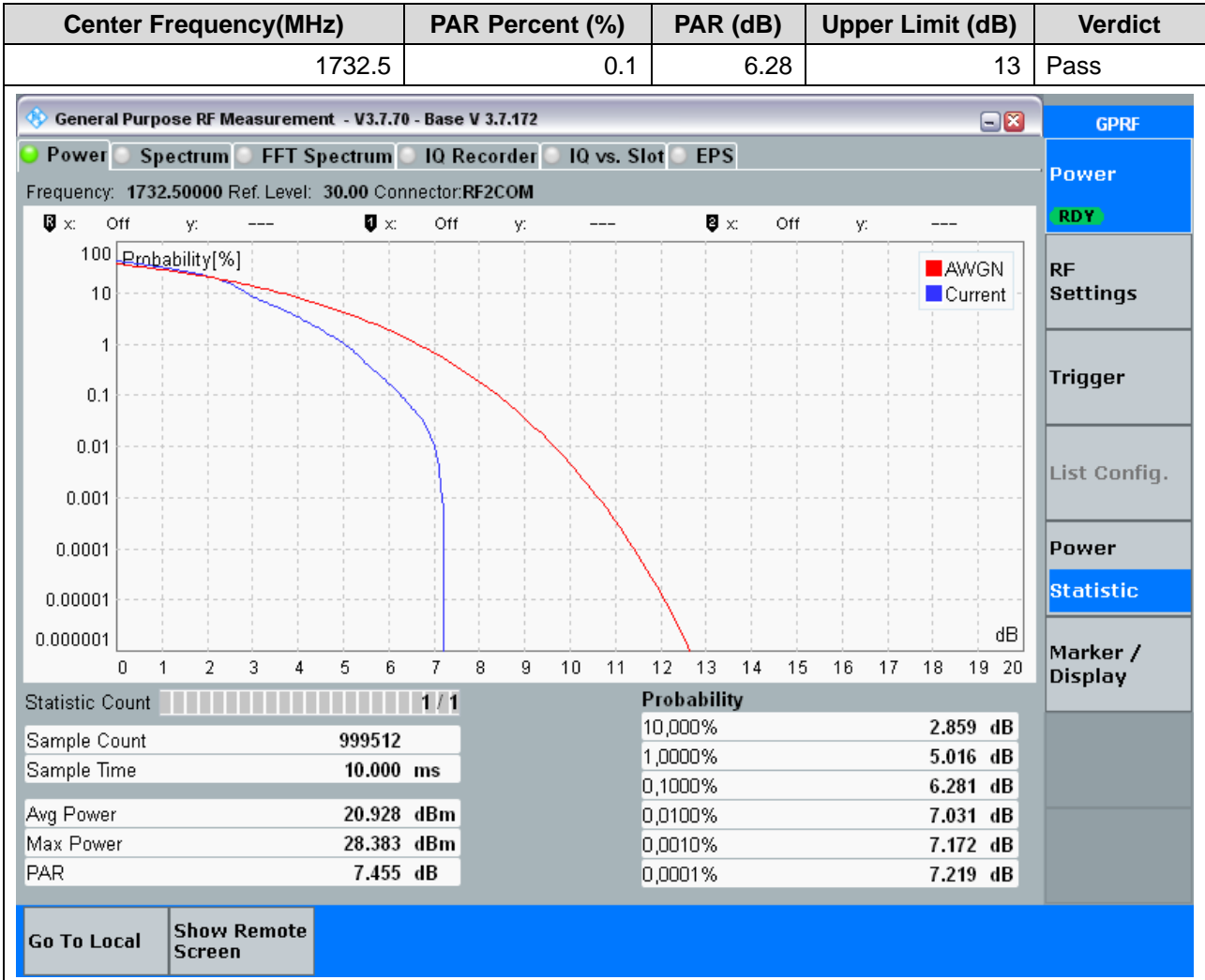
5.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



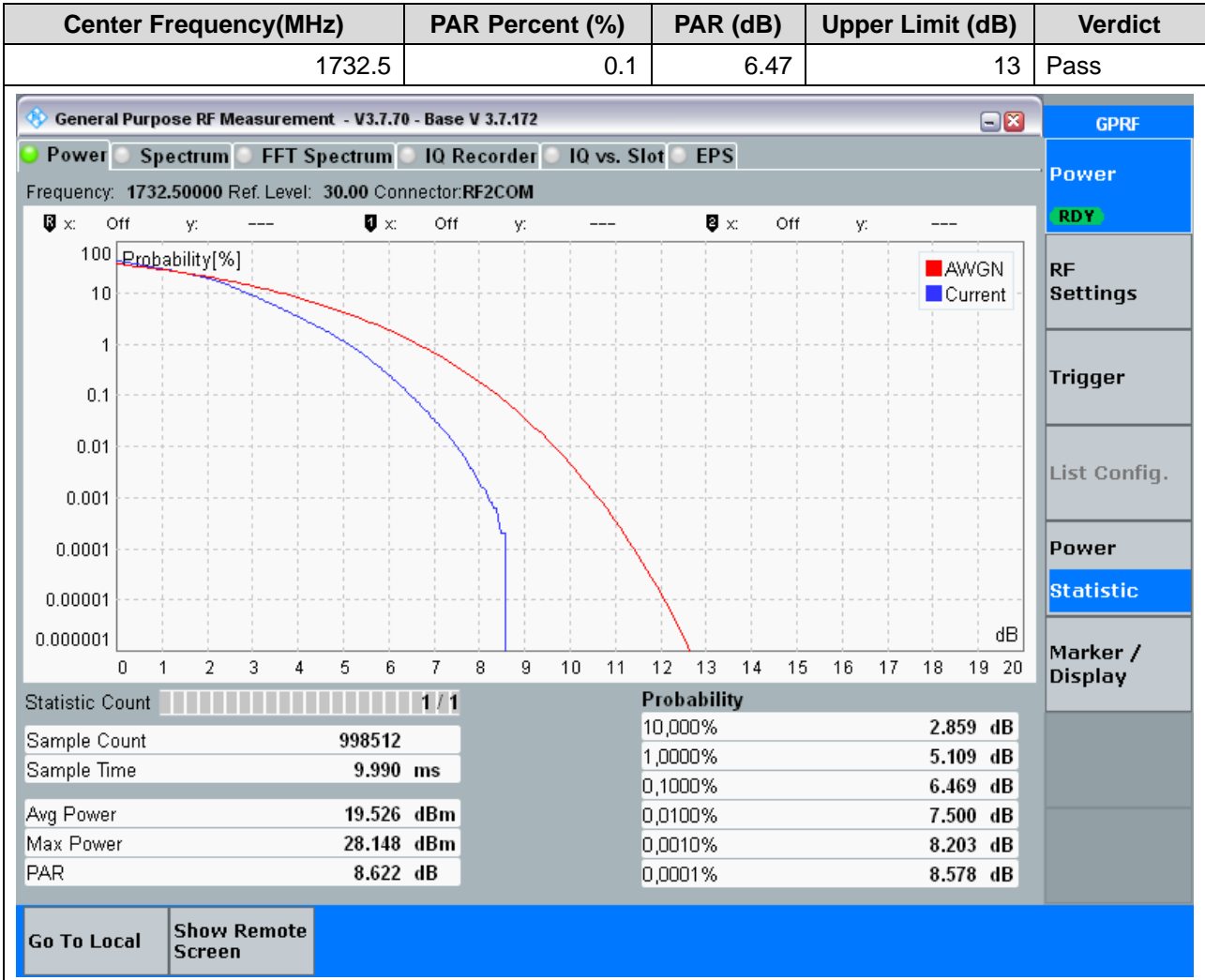
5.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



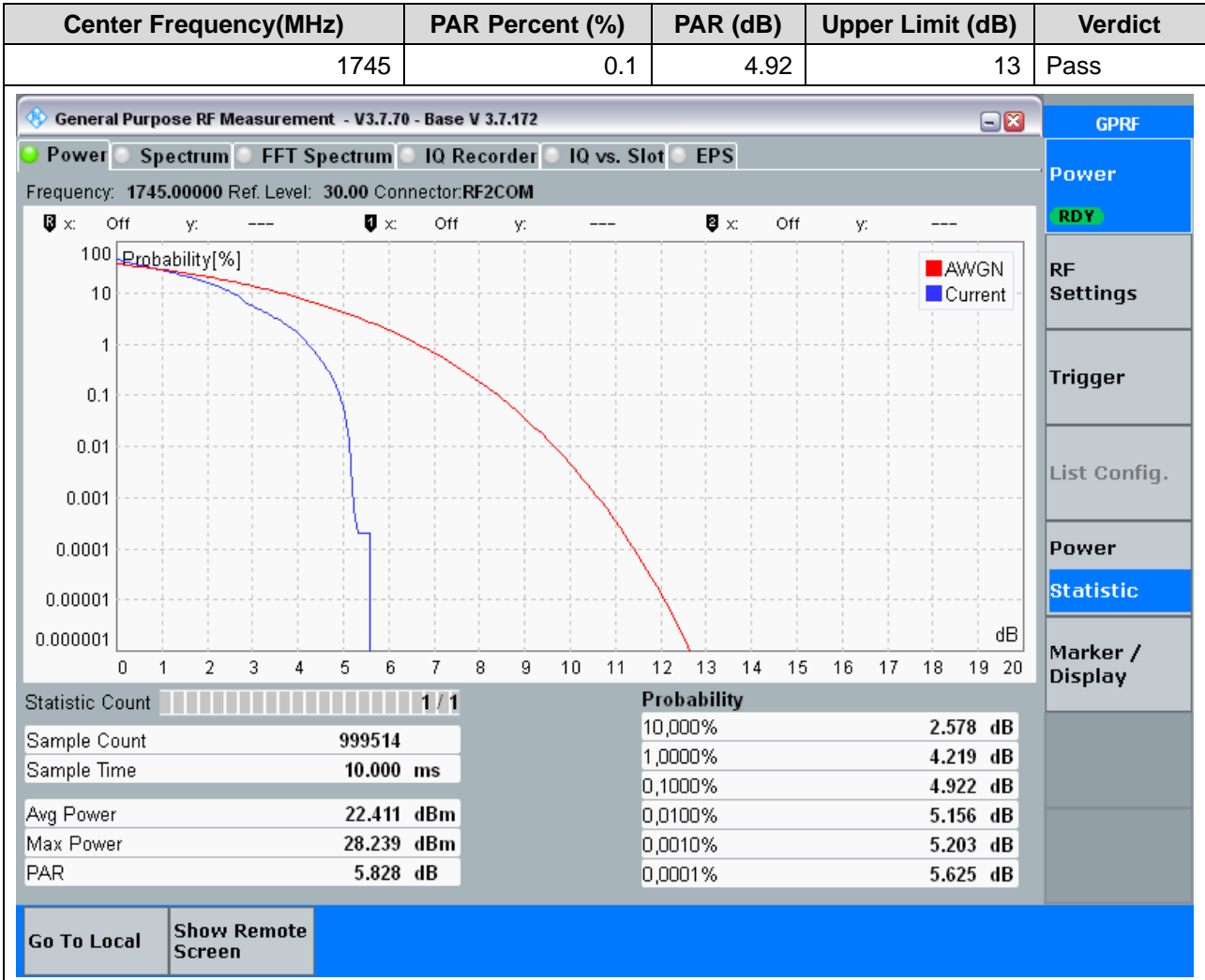
5.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



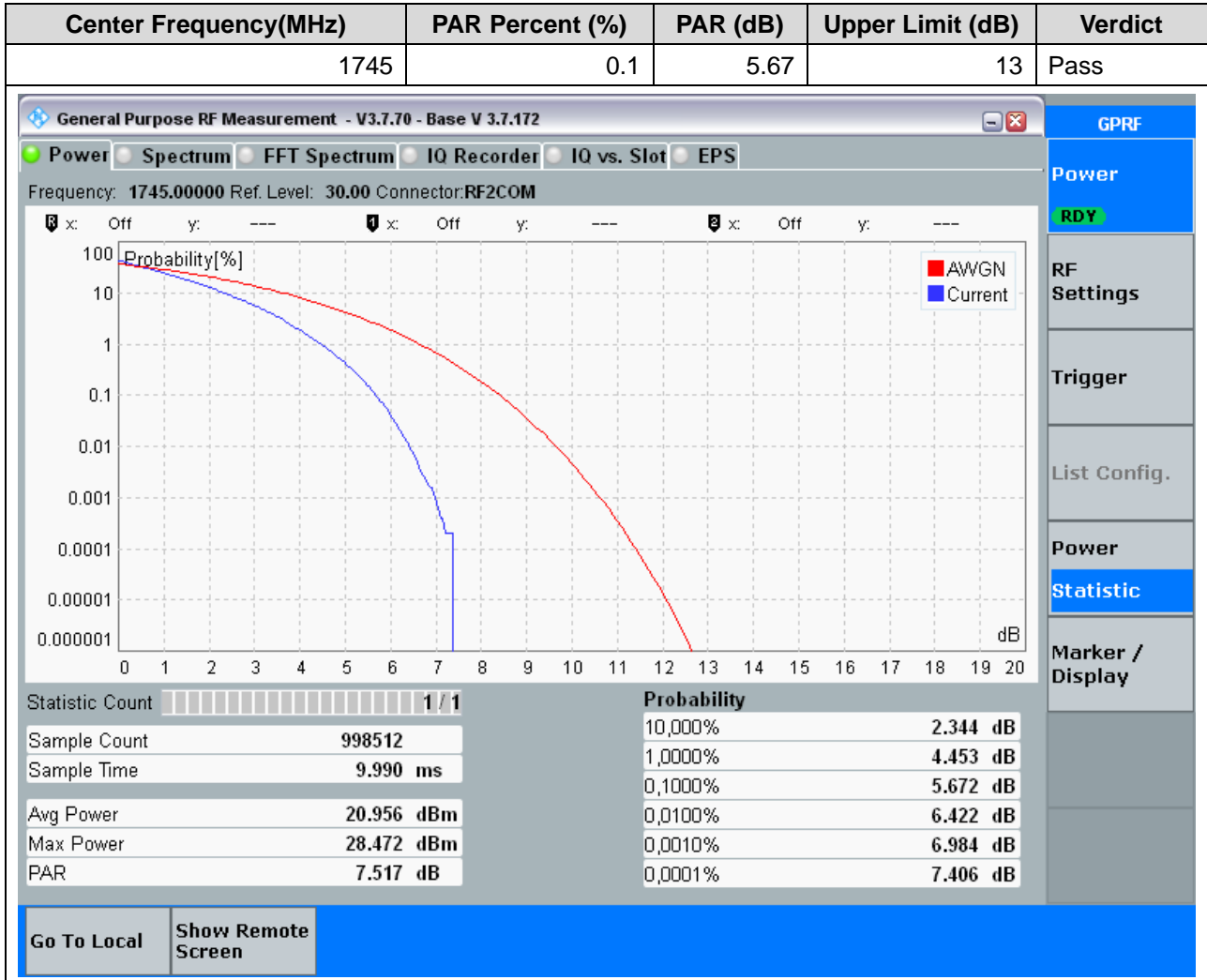
5.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



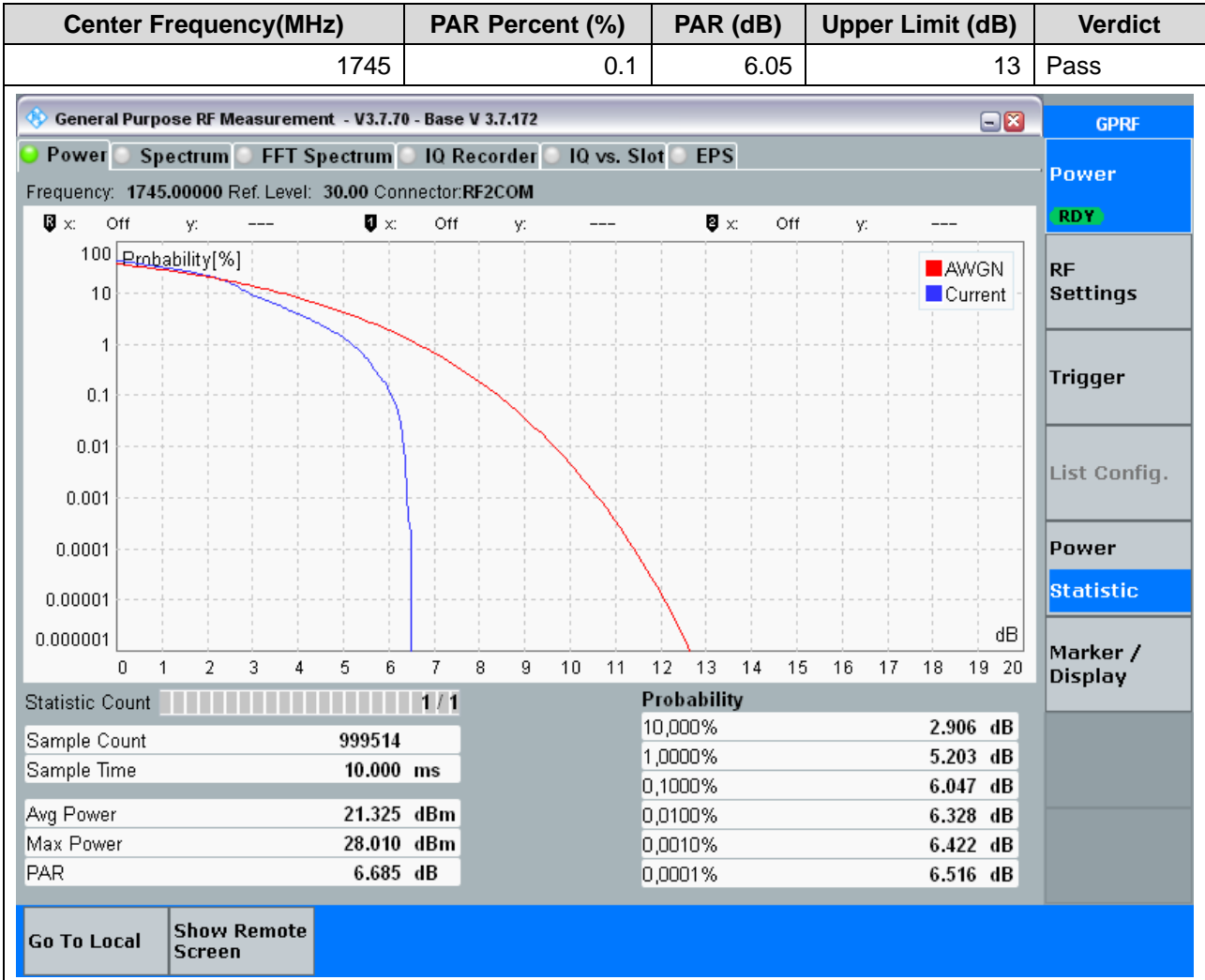
5.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



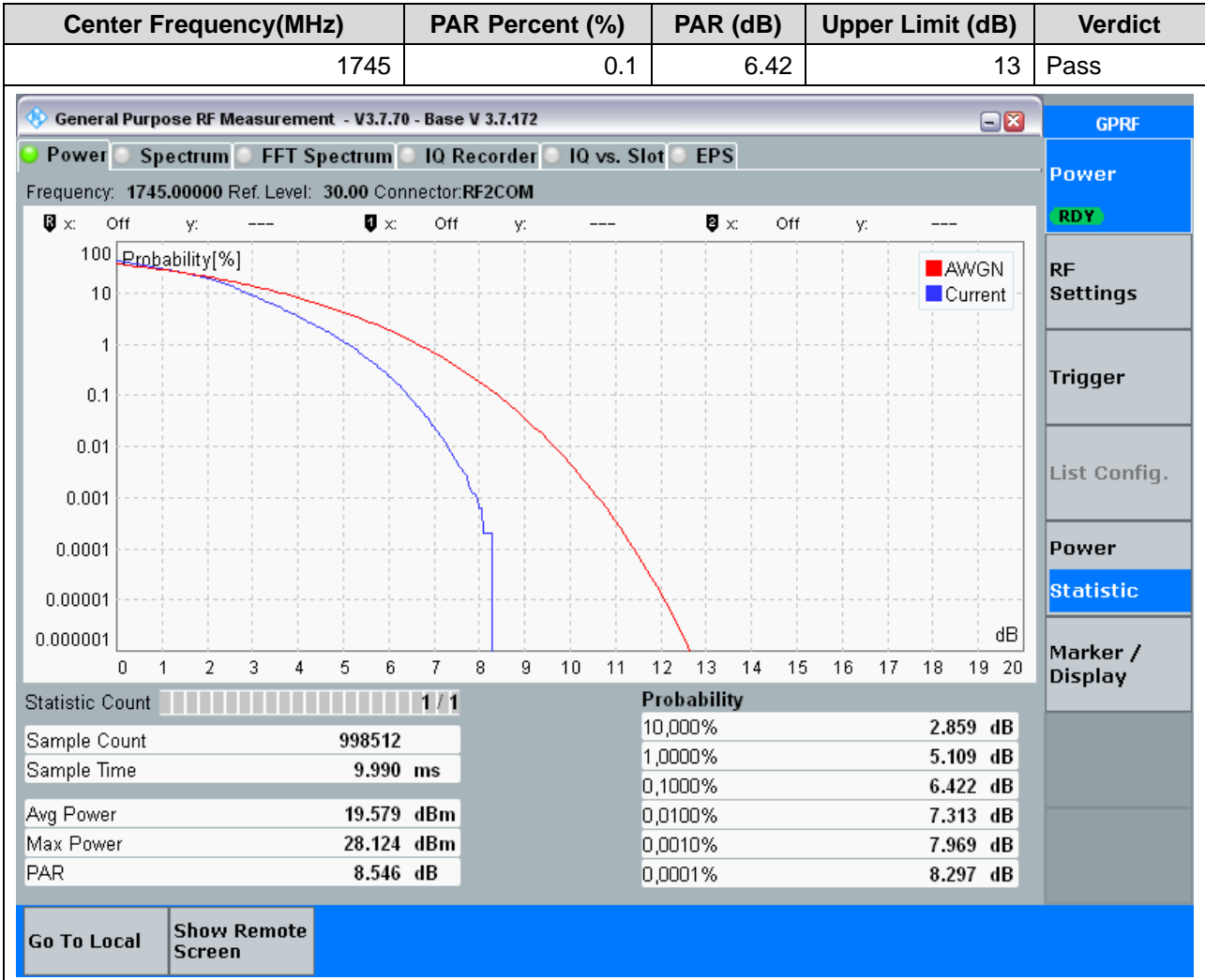
5.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



5.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

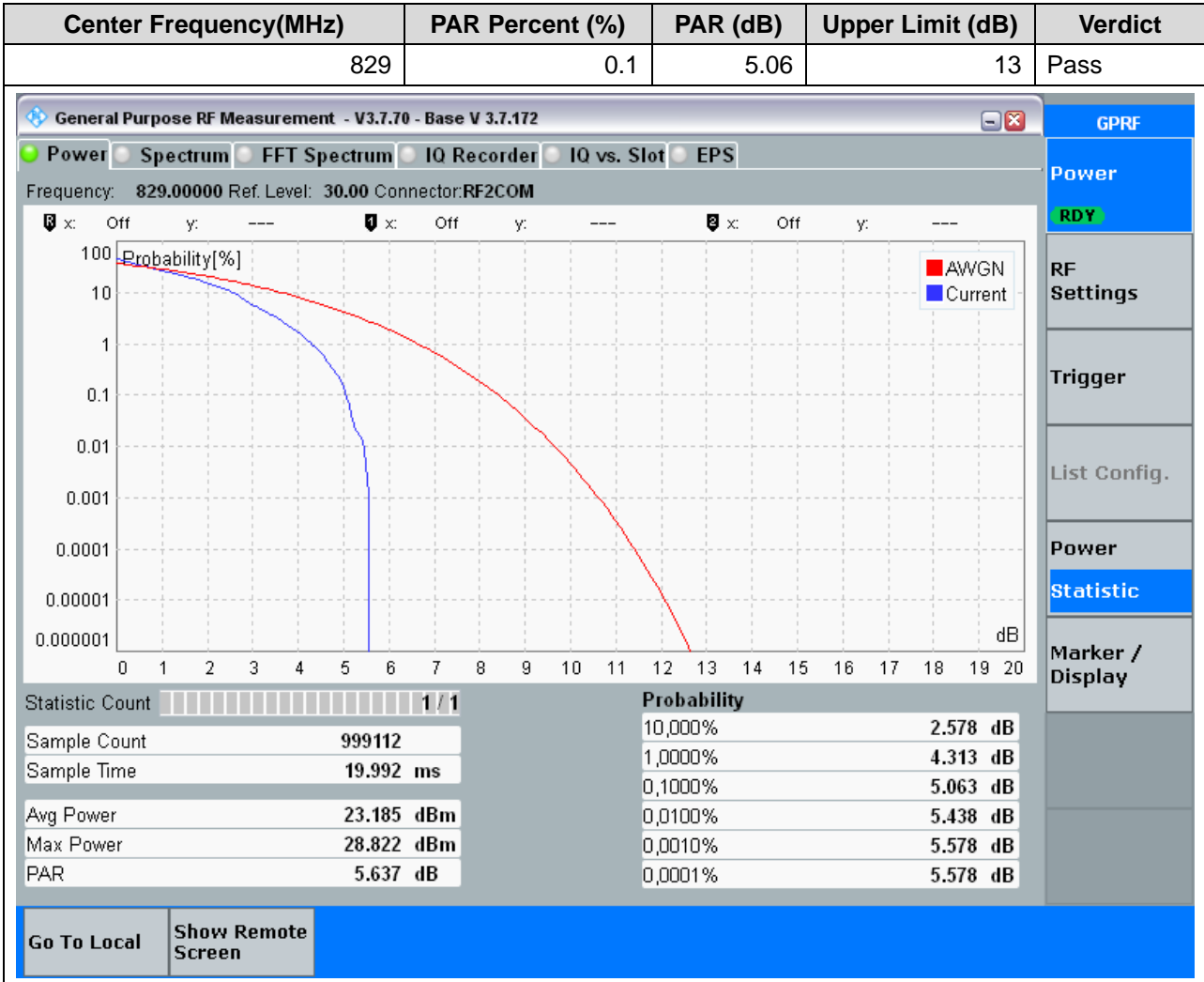


5.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

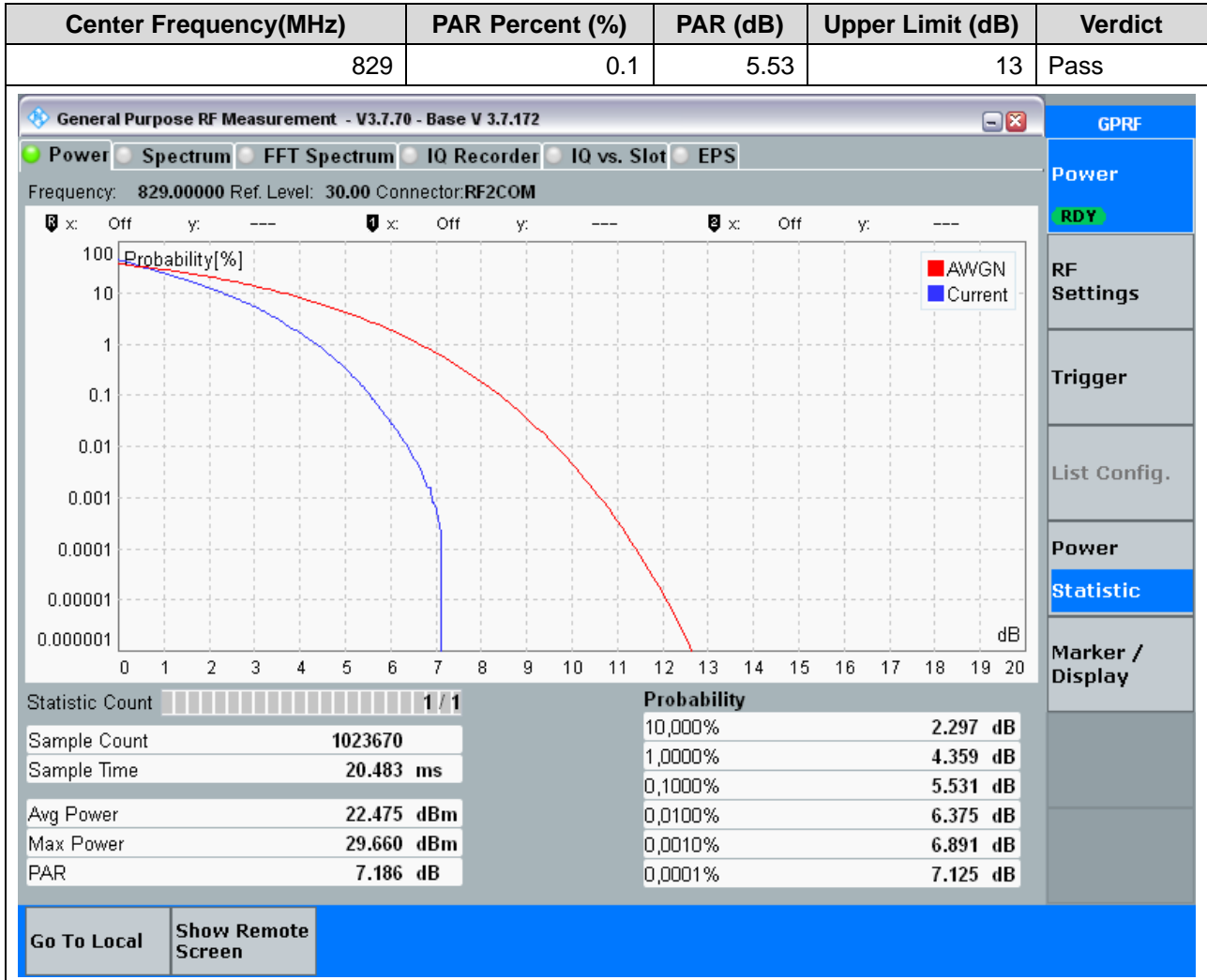


6. LTE_Band5

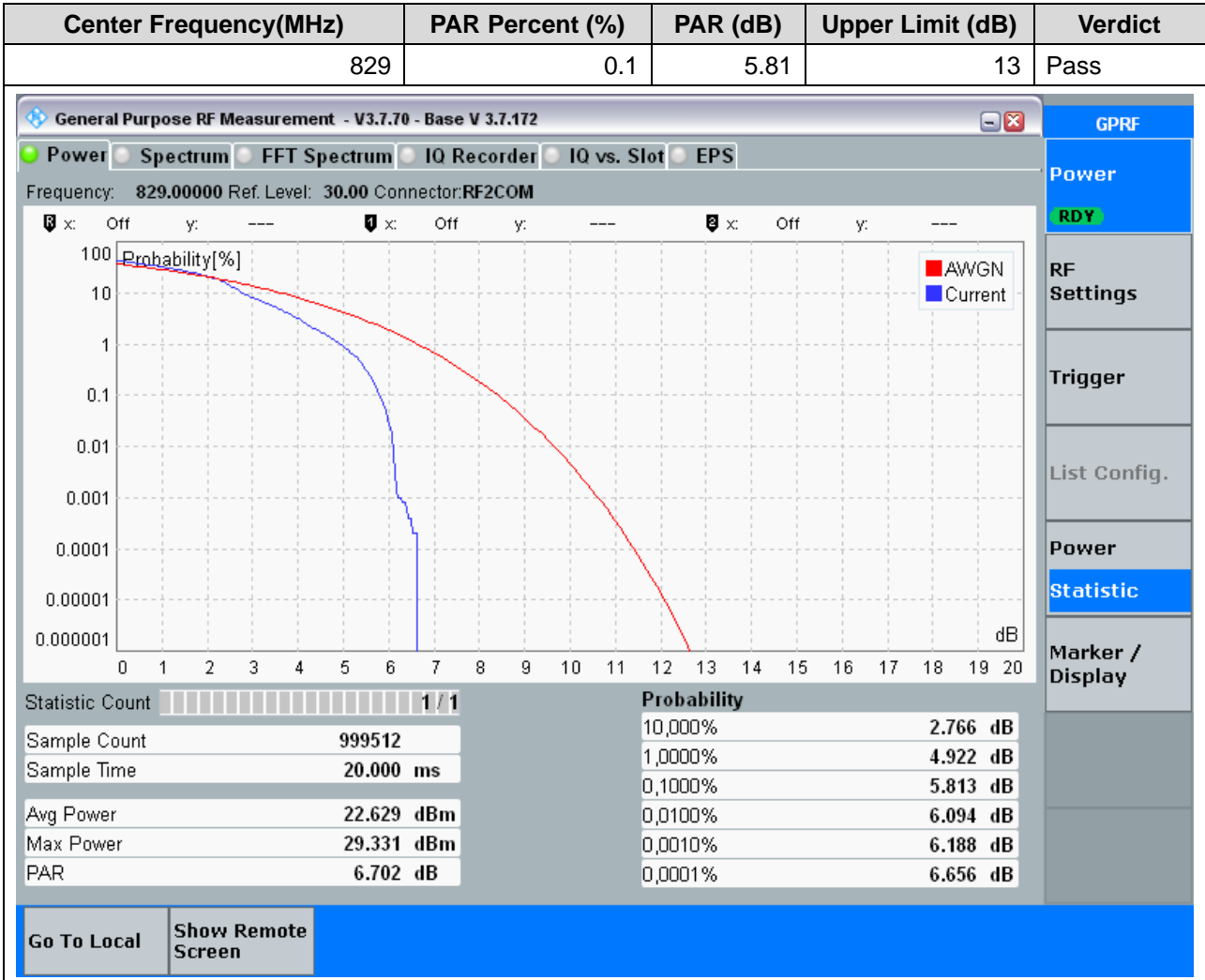
6.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



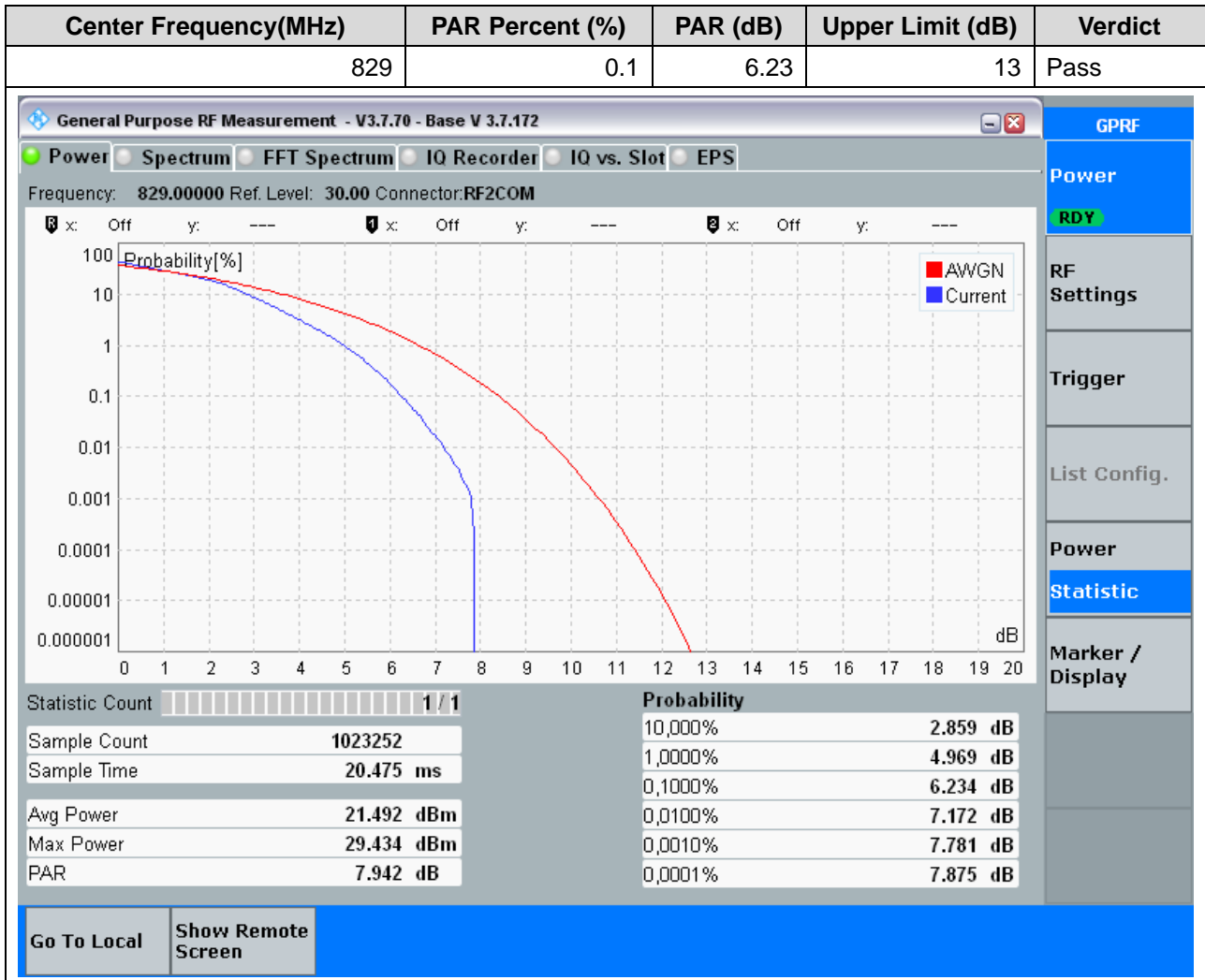
6.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



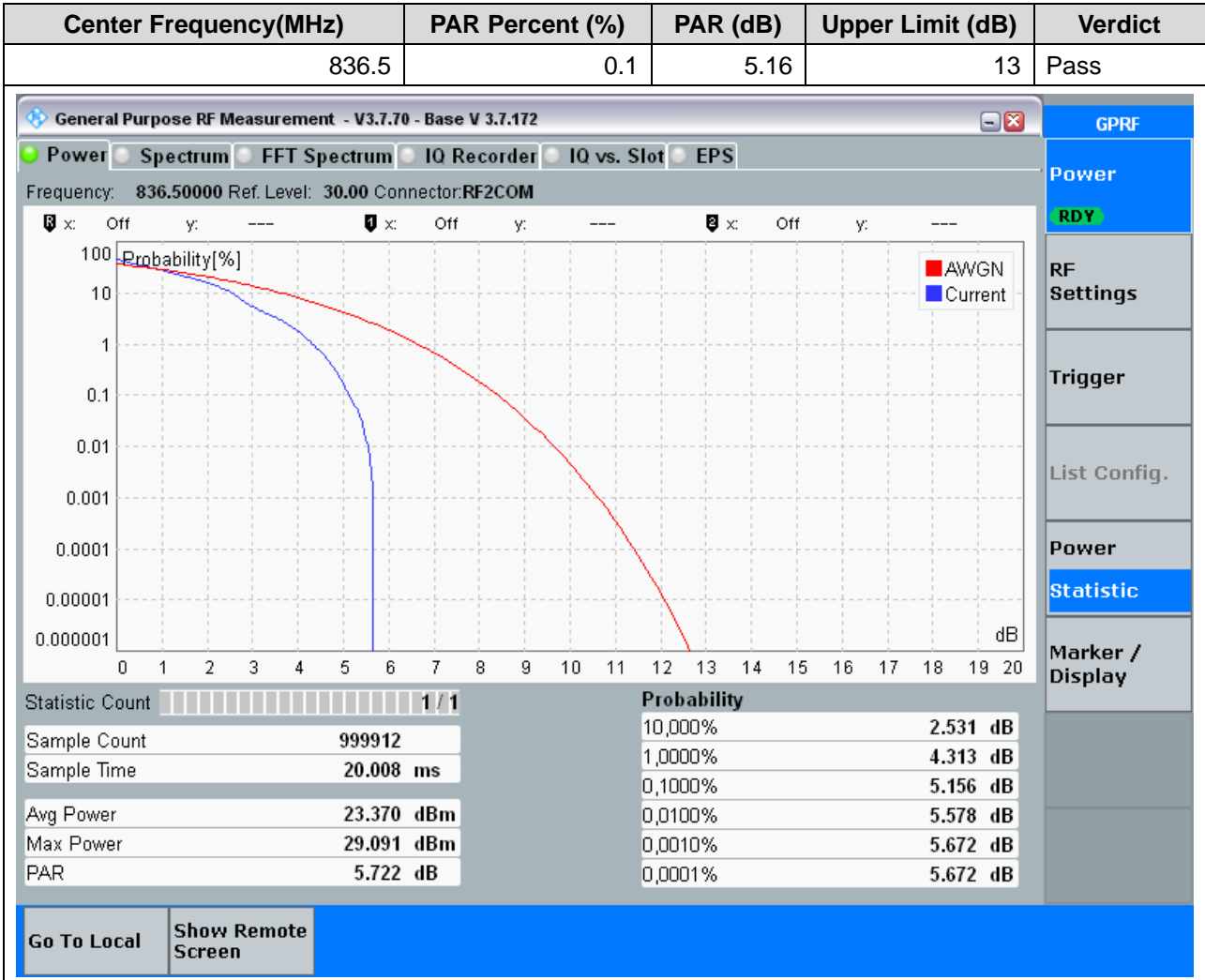
6.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



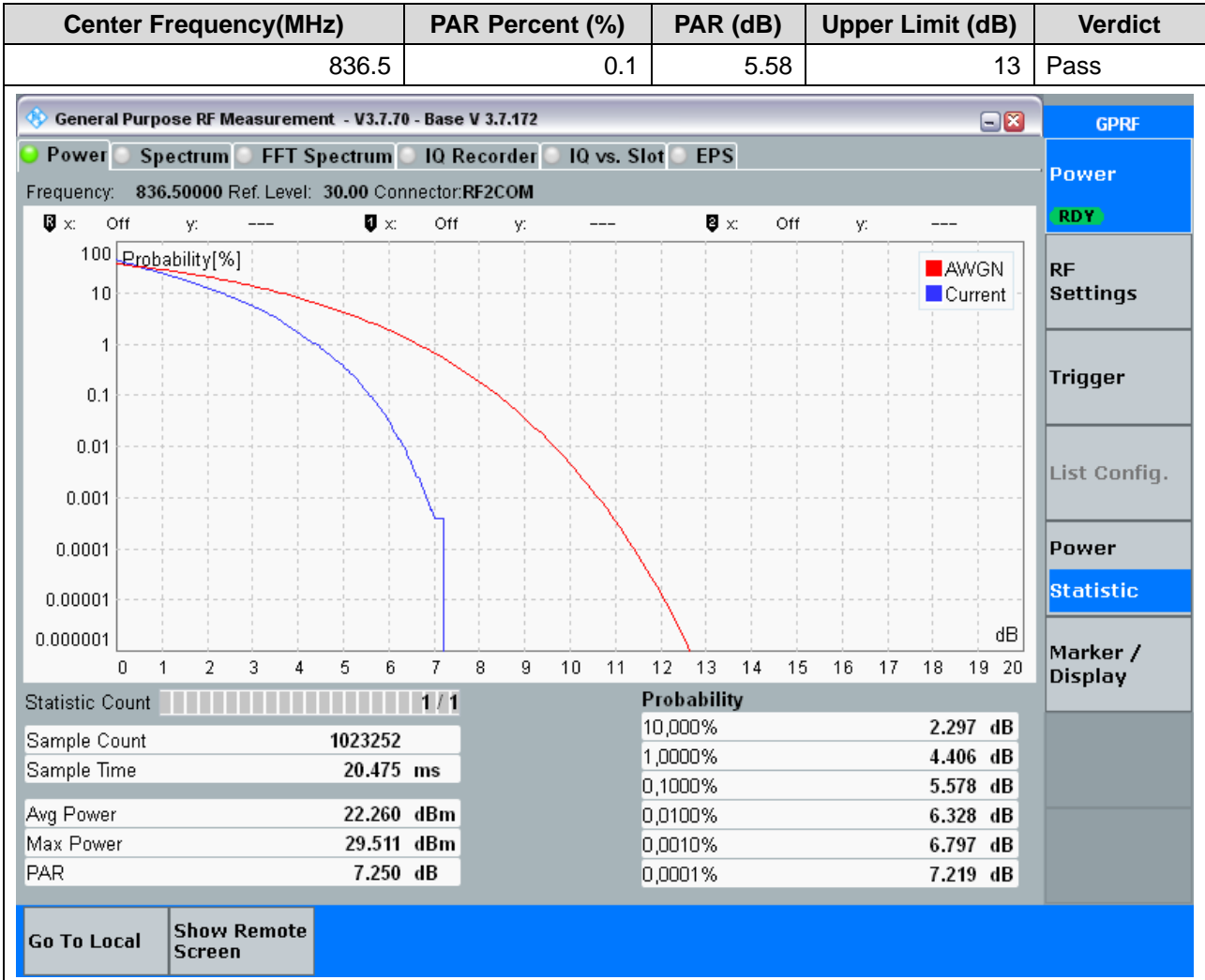
6.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



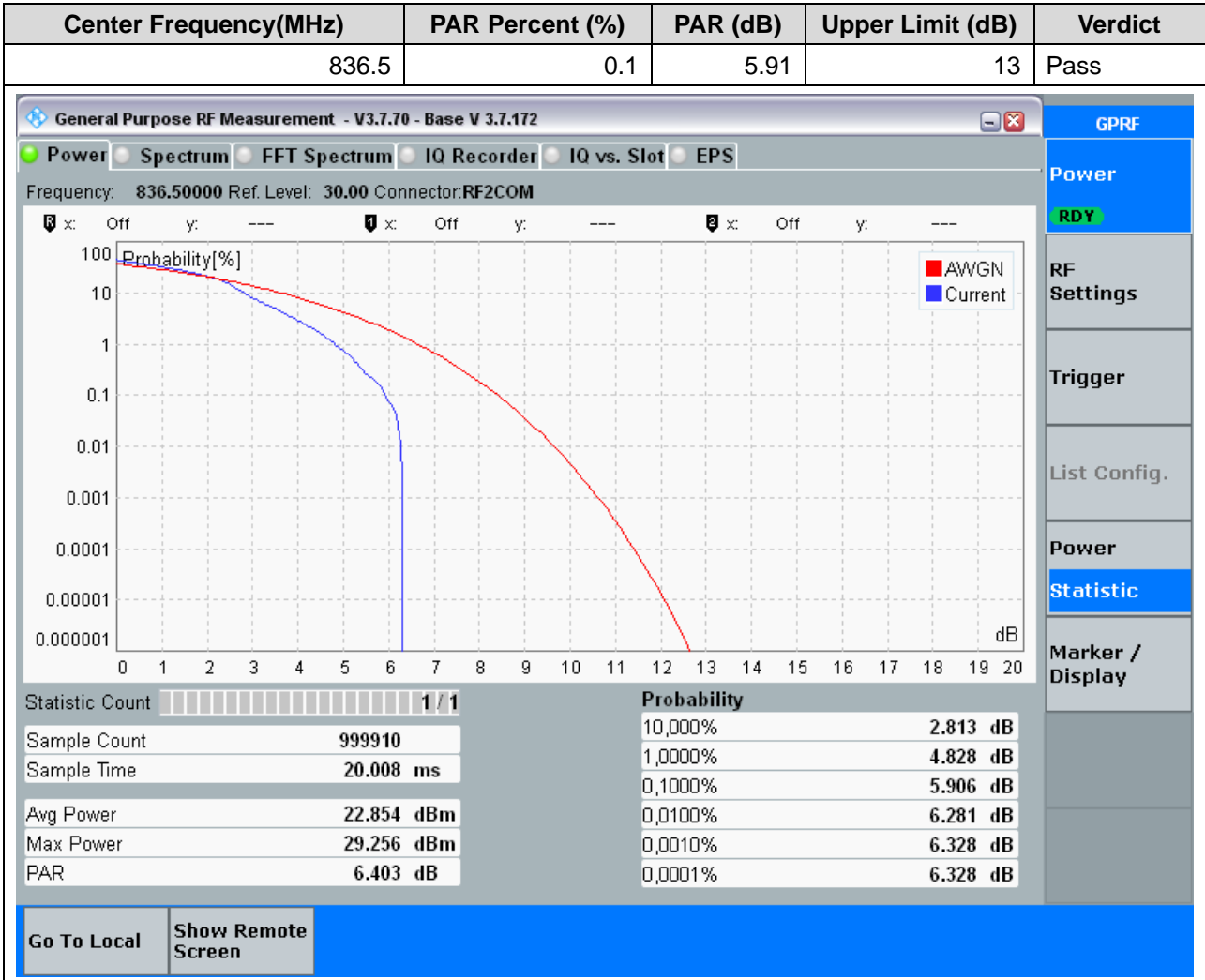
6.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



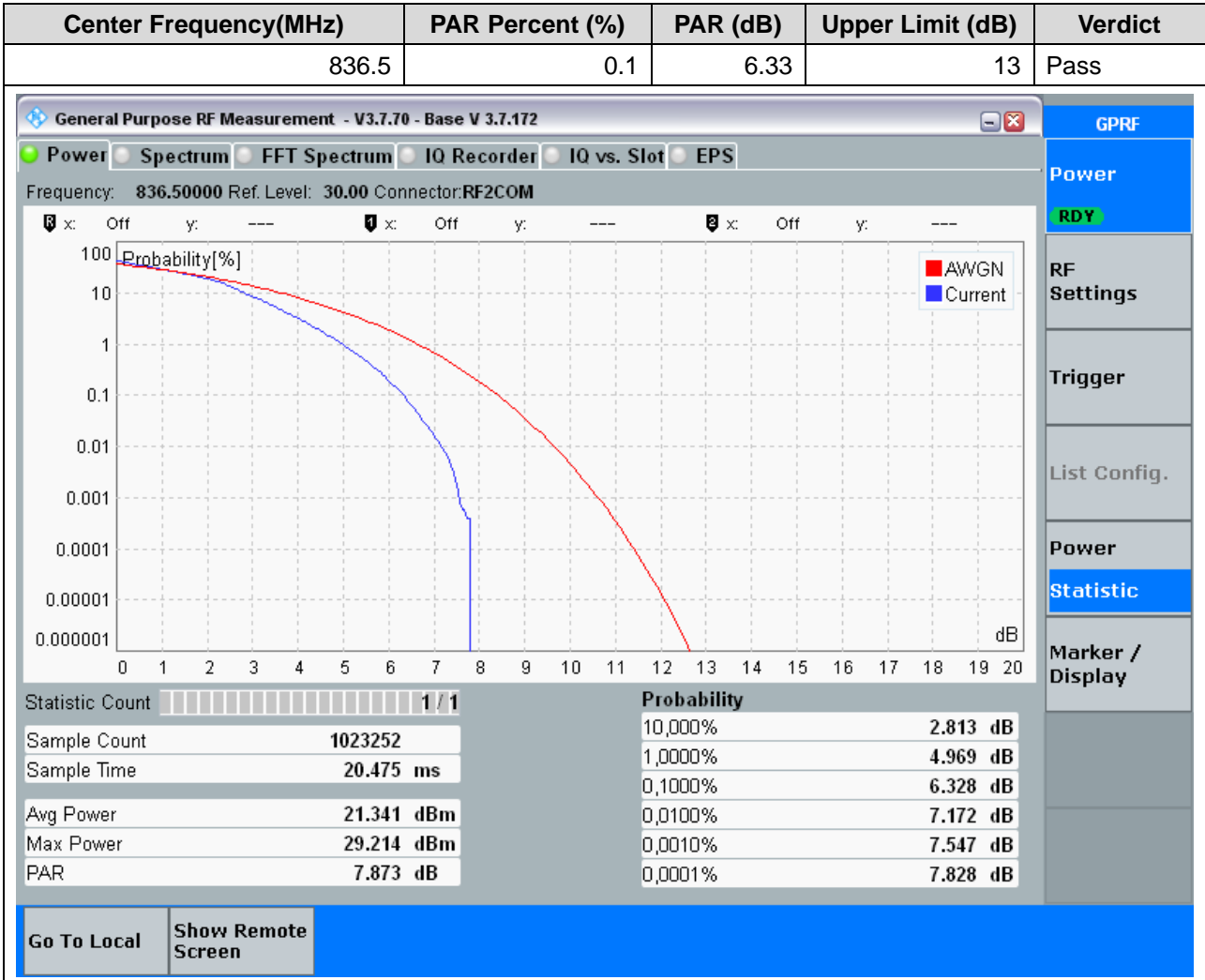
6.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



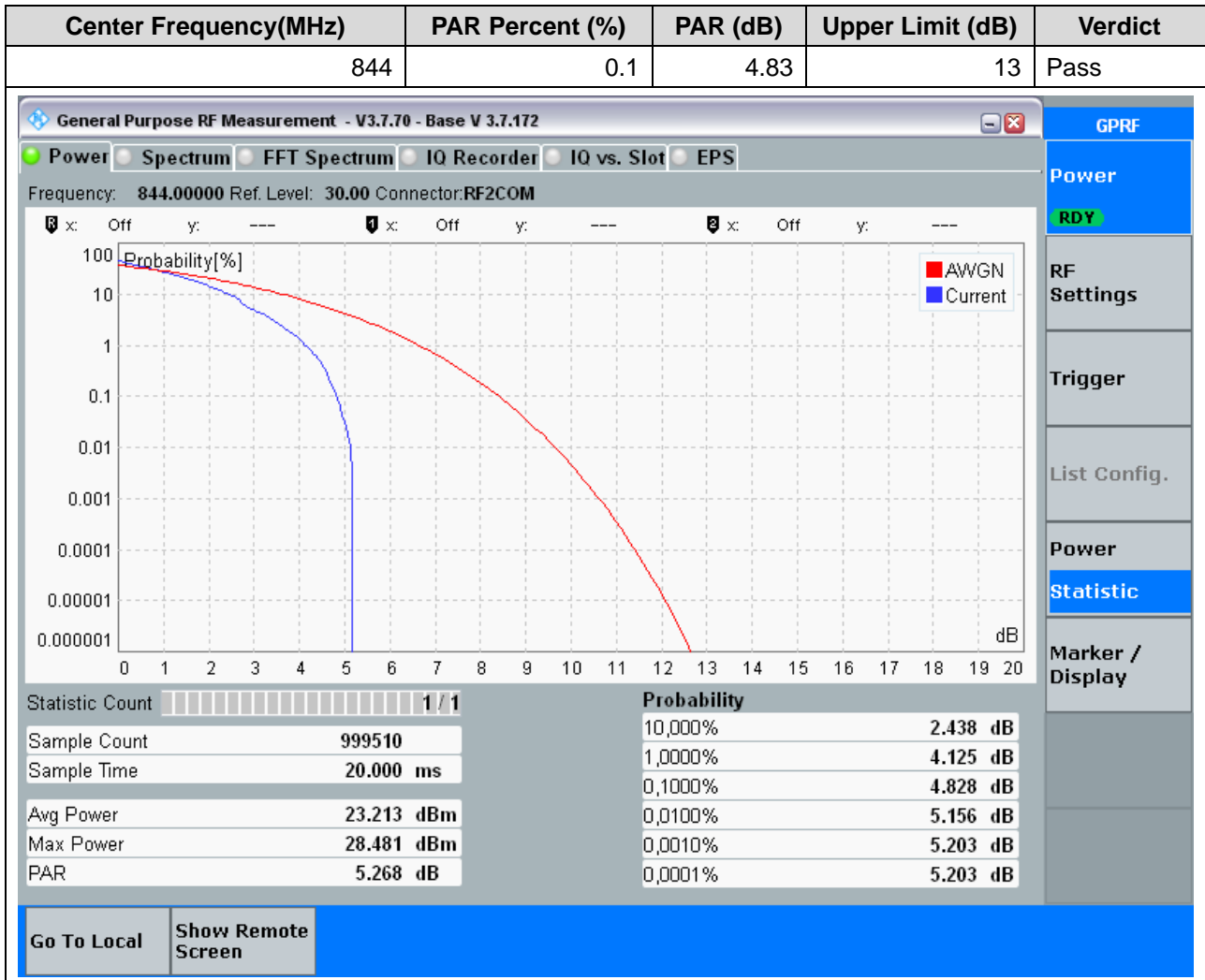
6.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



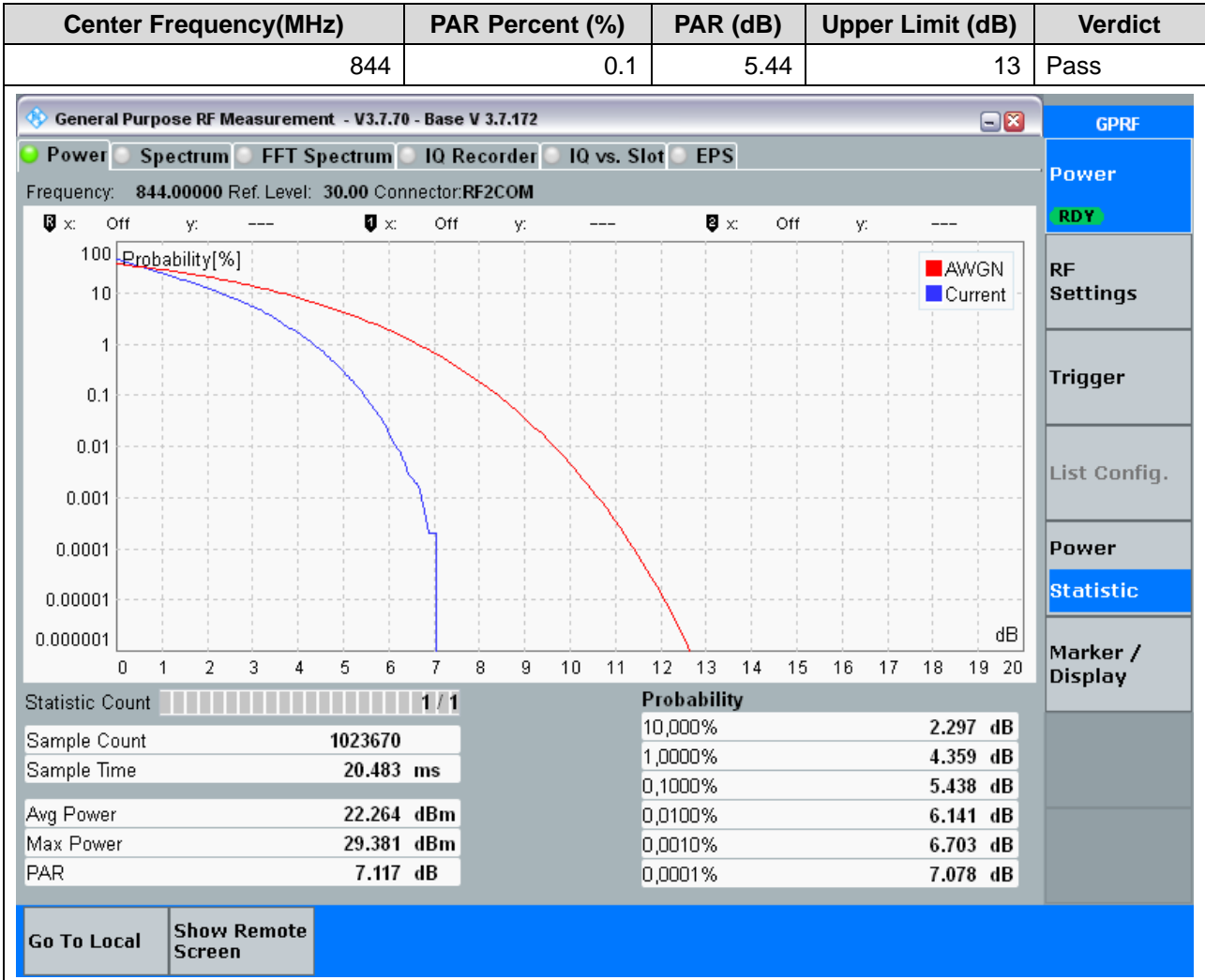
6.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



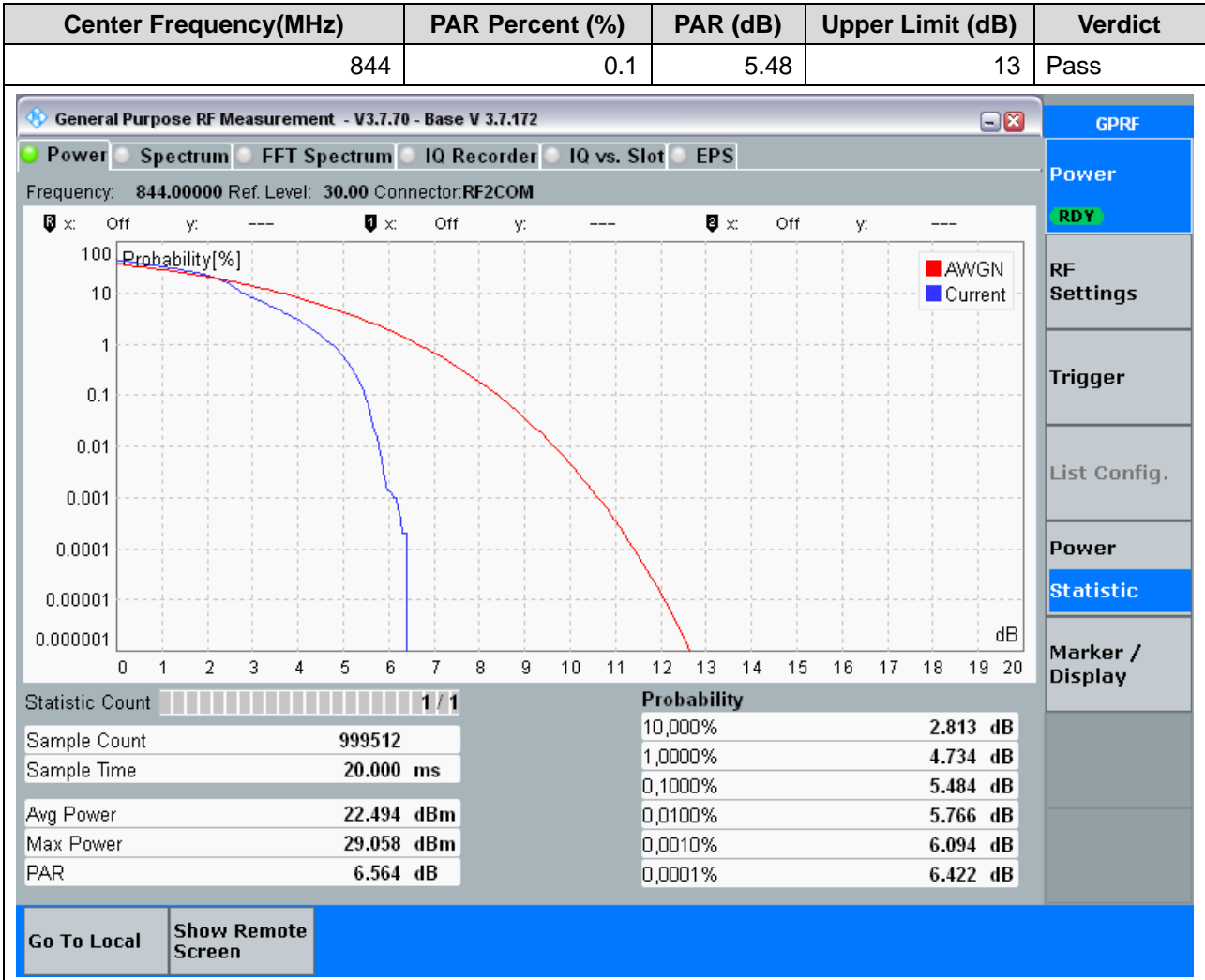
6.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



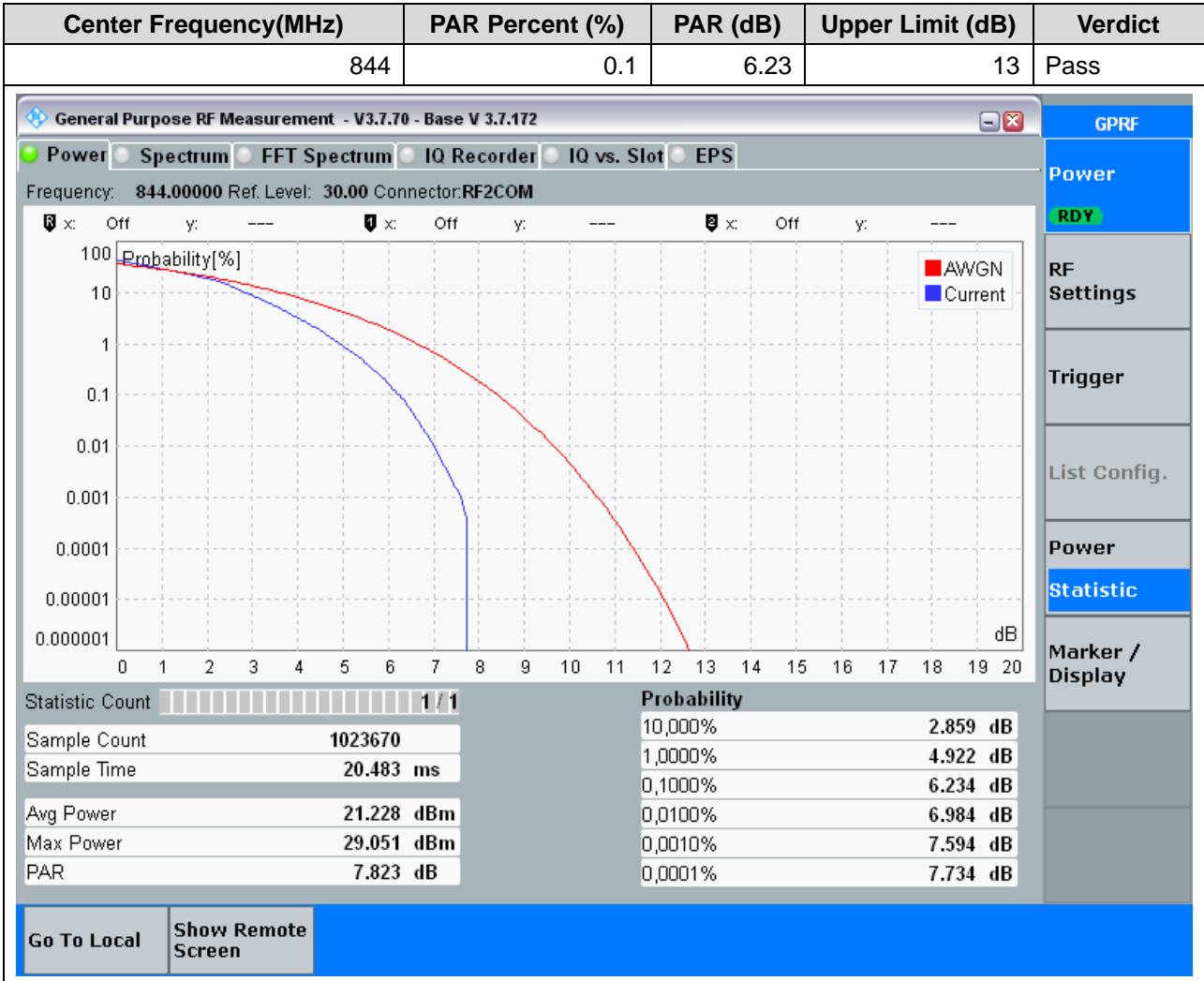
6.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



6.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

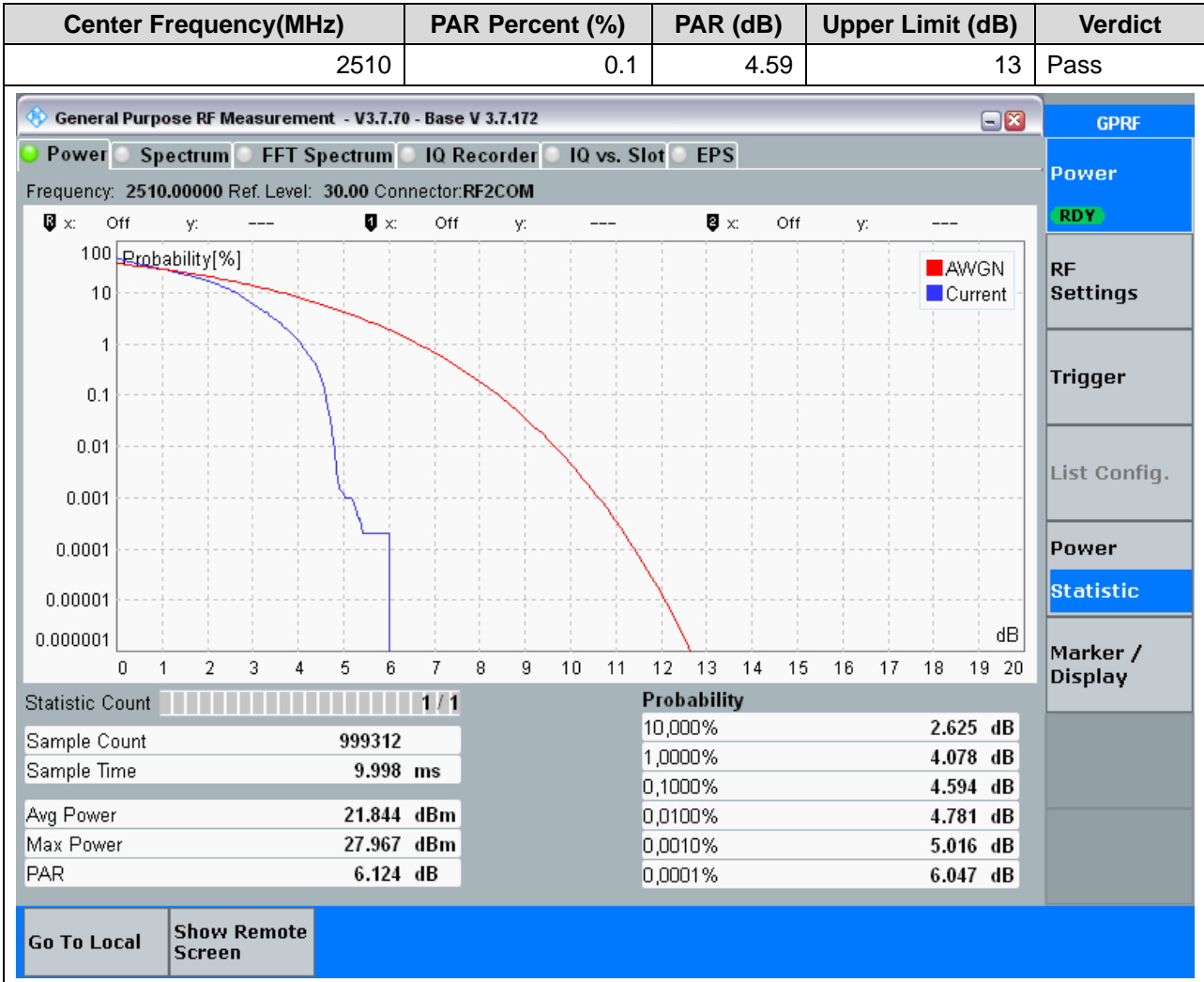


6.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

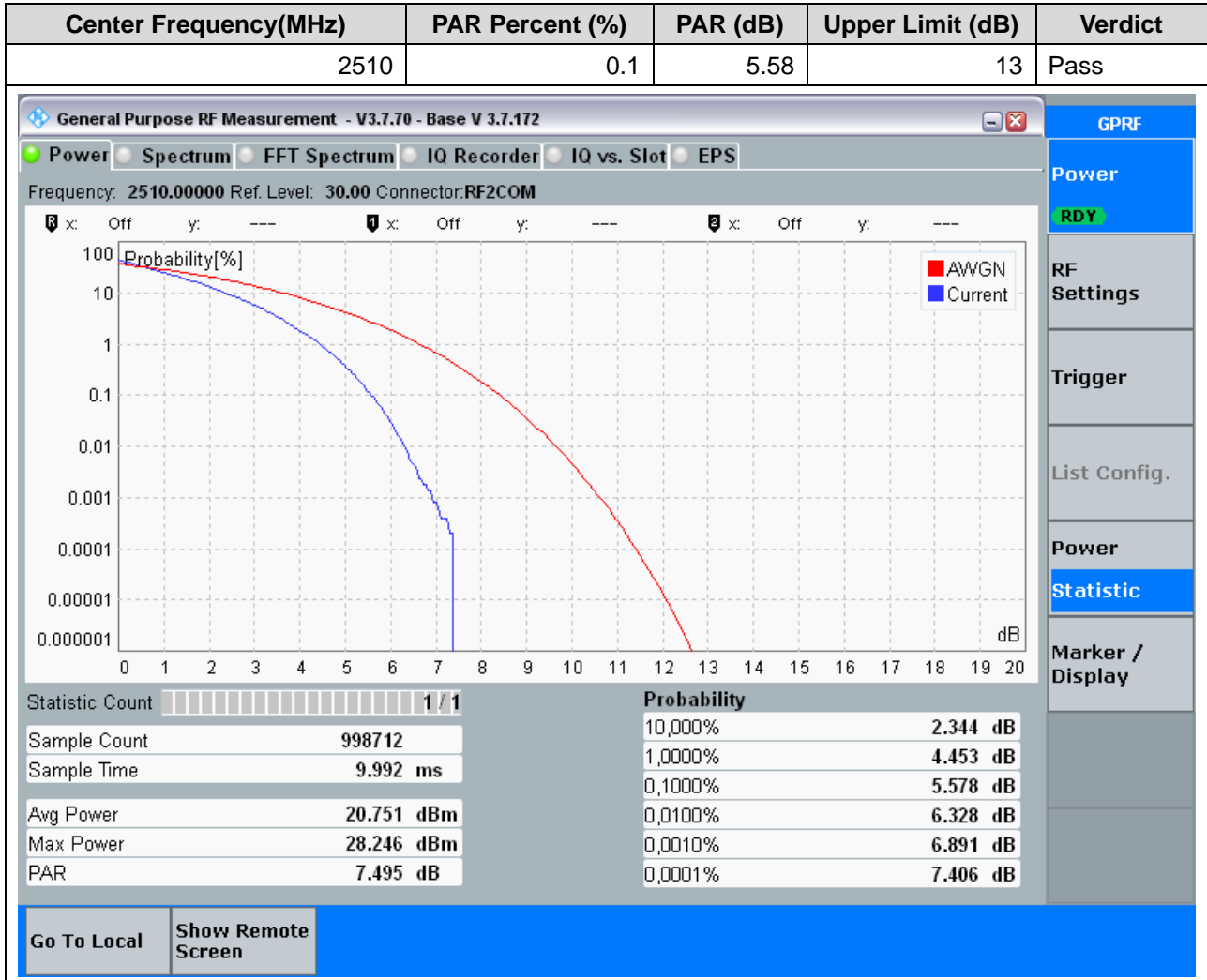


7. LTE_Band7

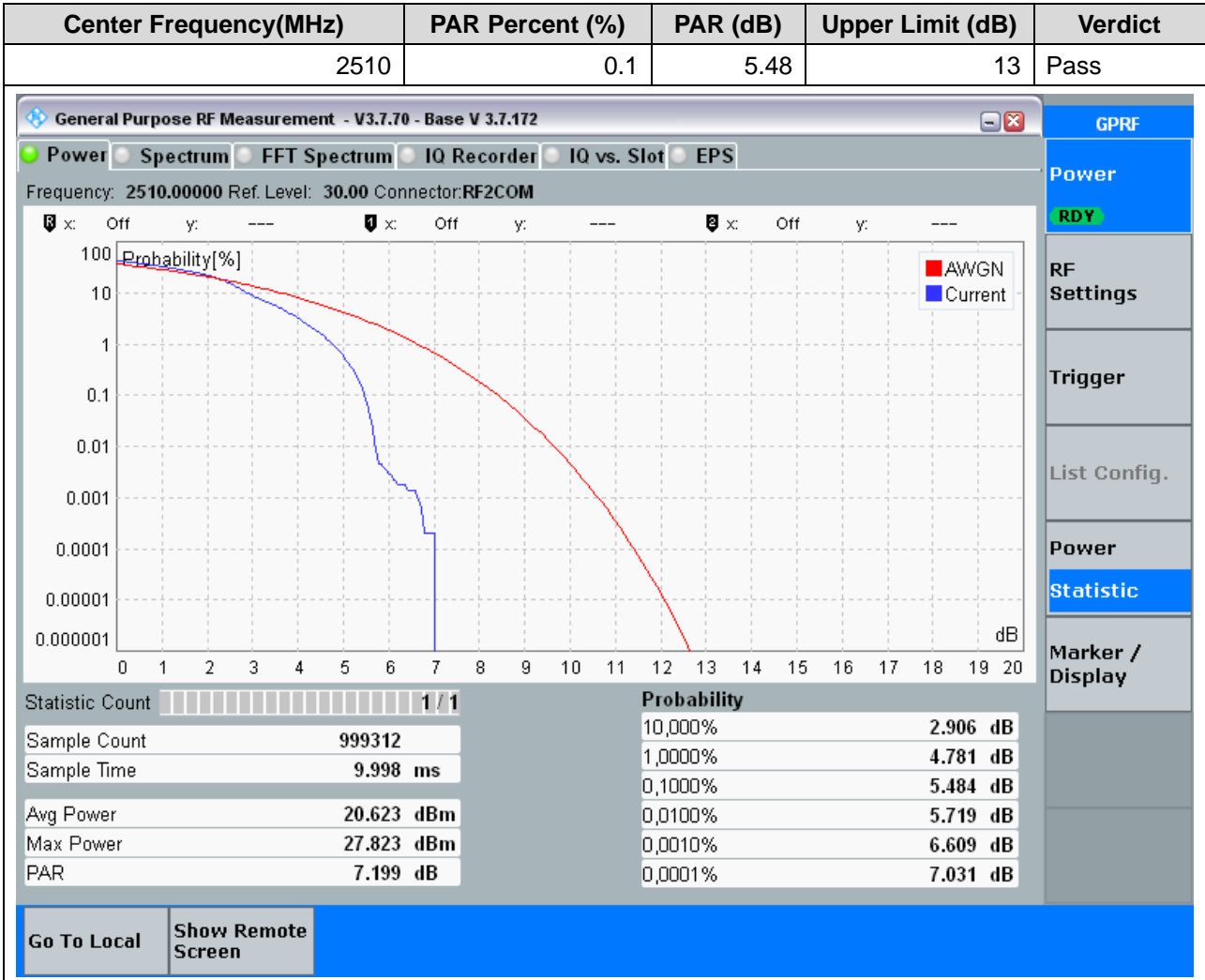
7.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



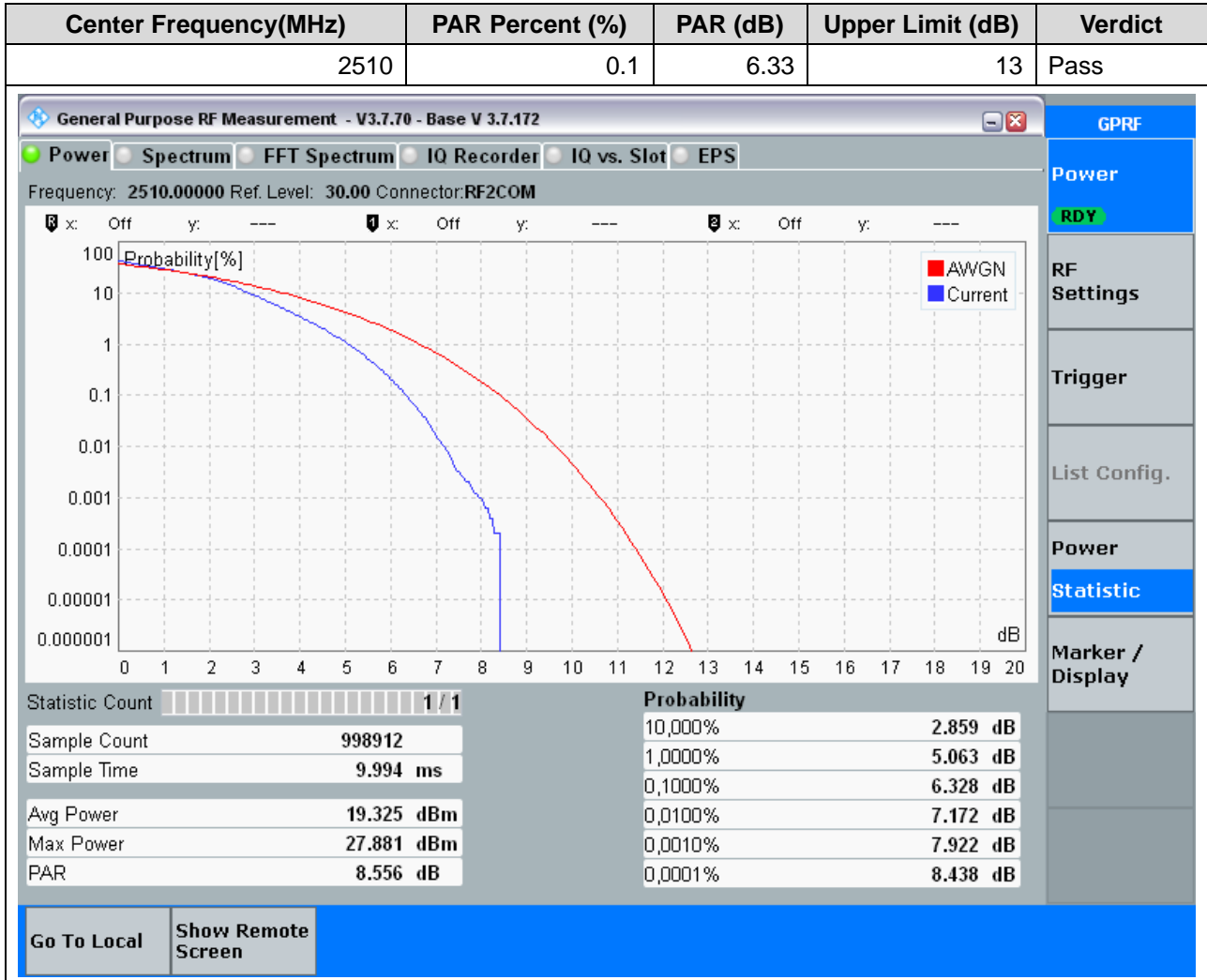
7.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



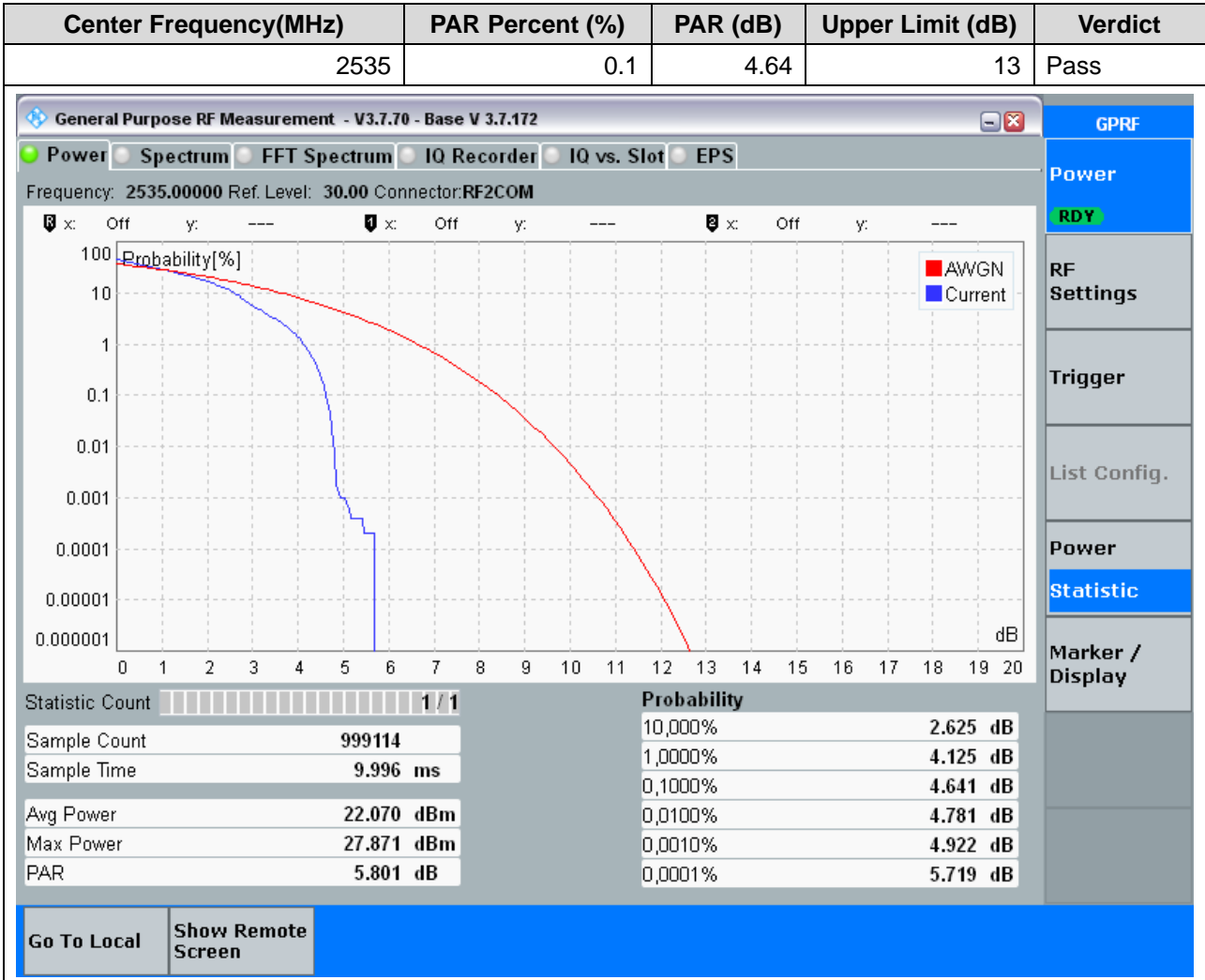
7.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



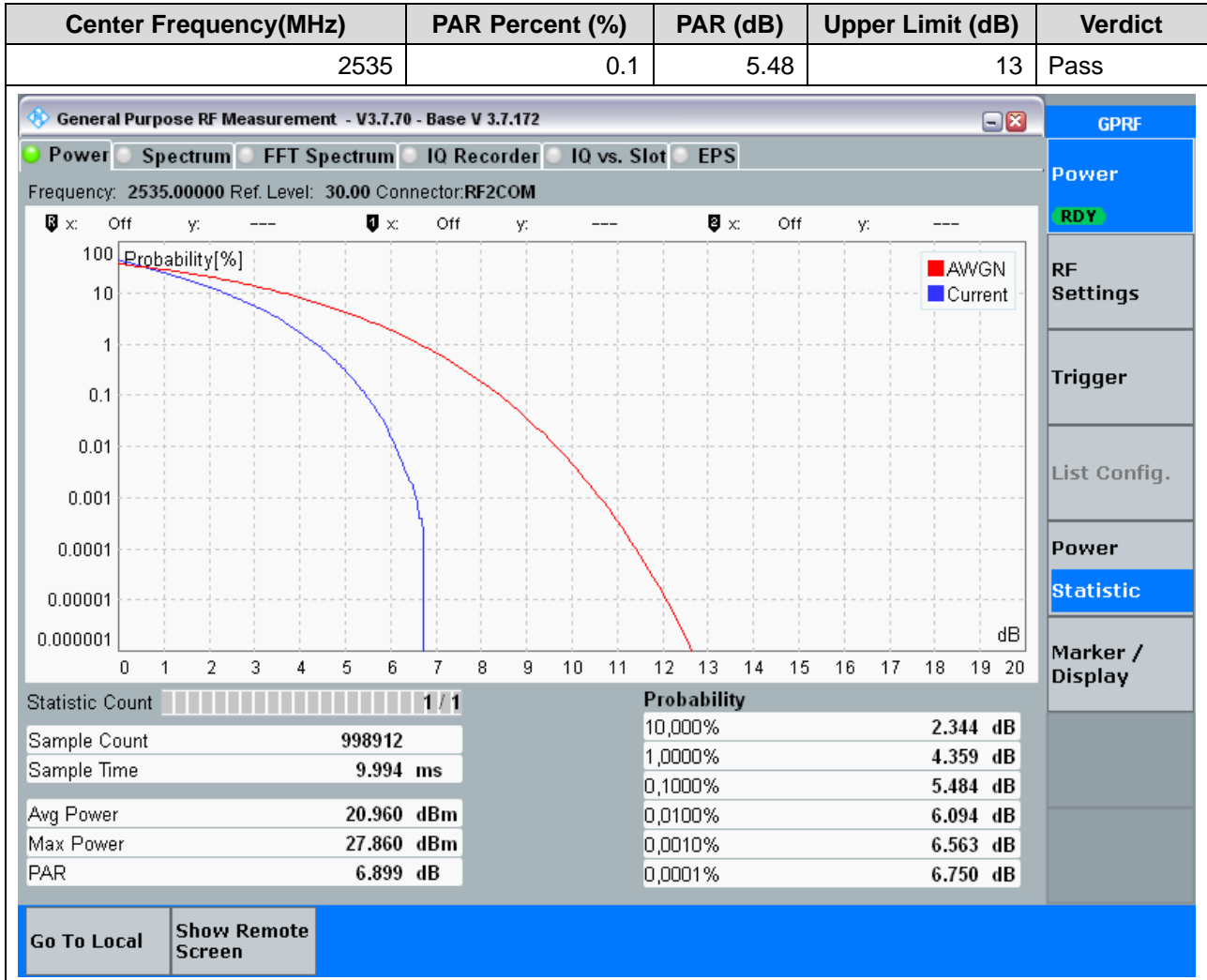
7.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



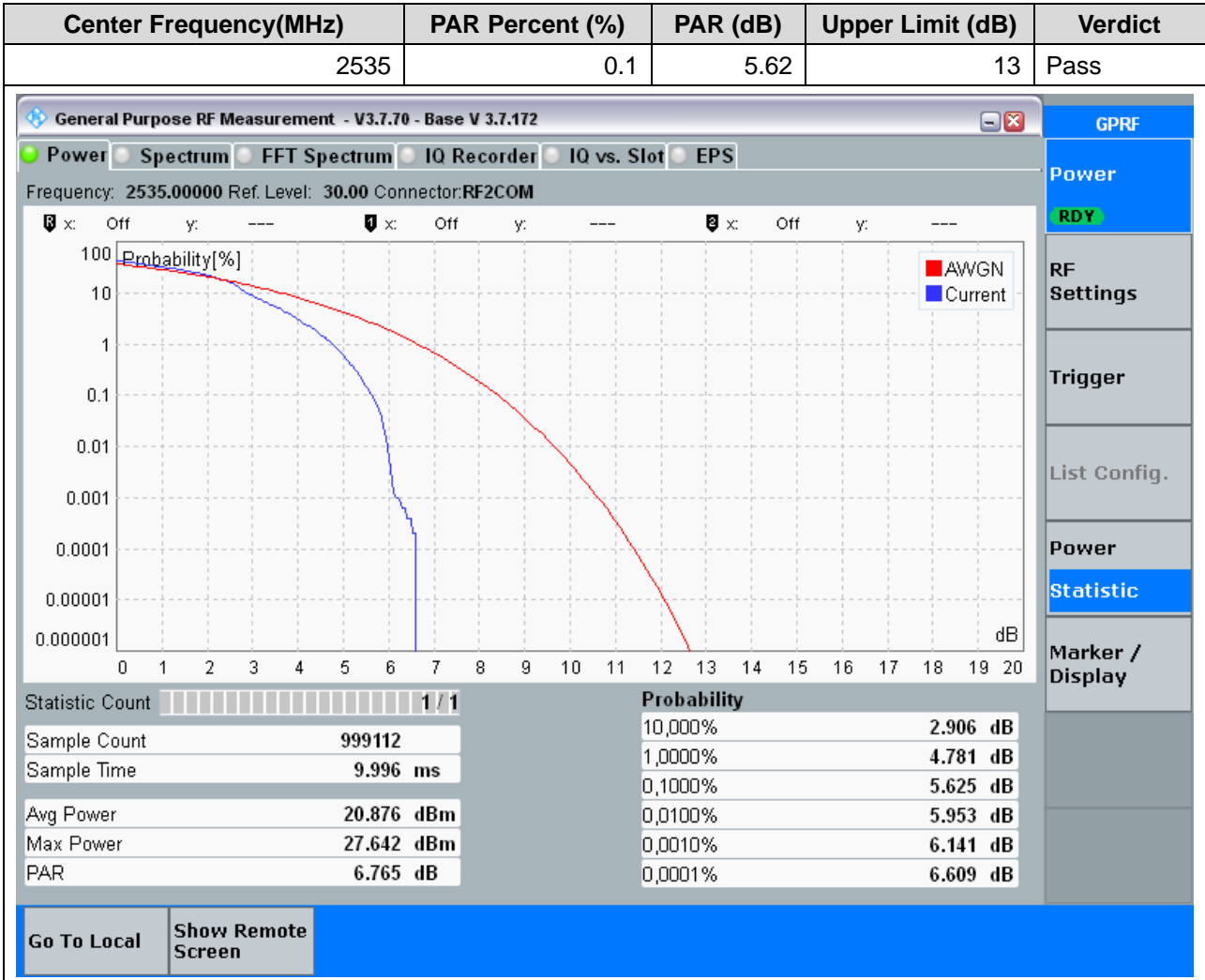
7.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



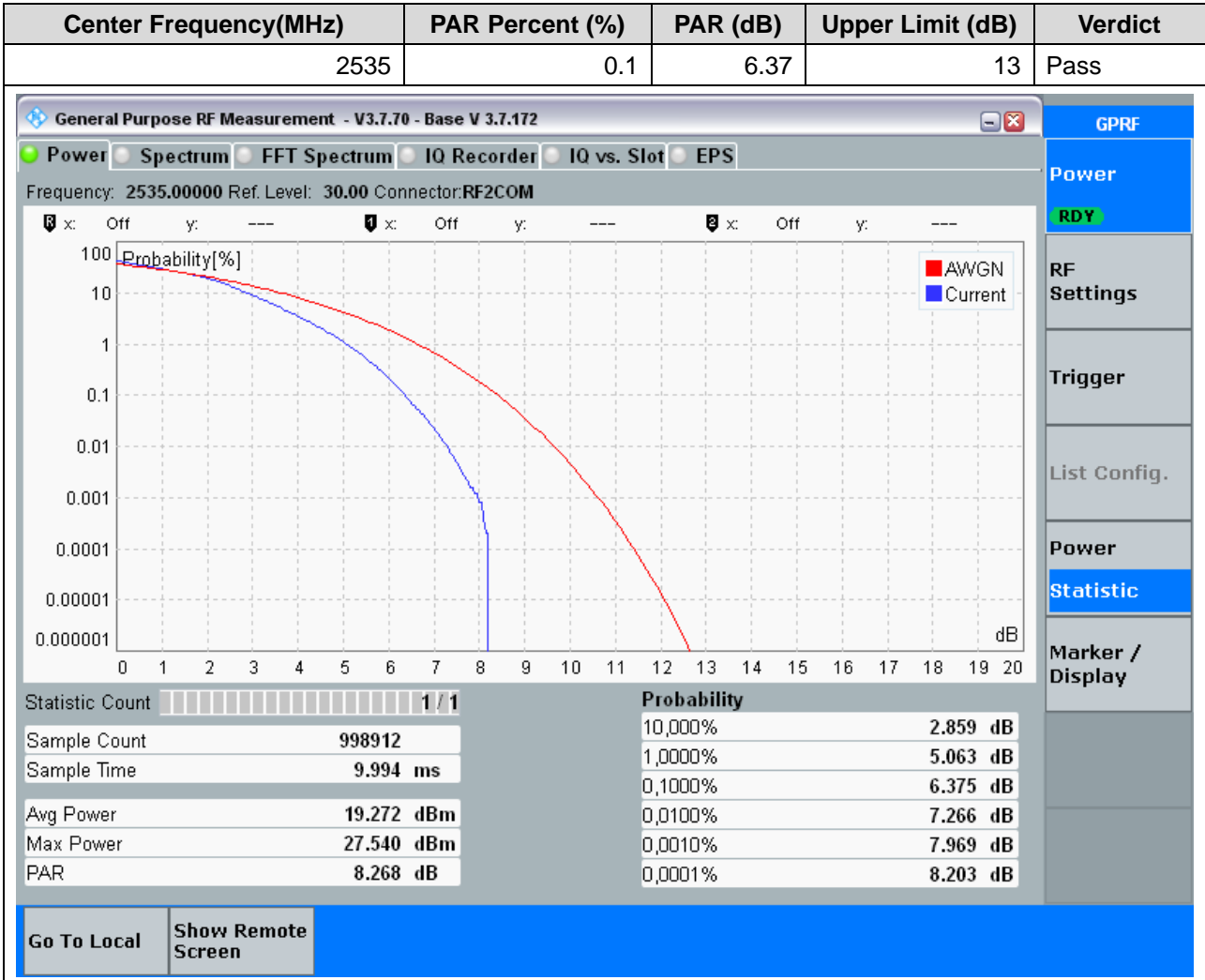
7.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



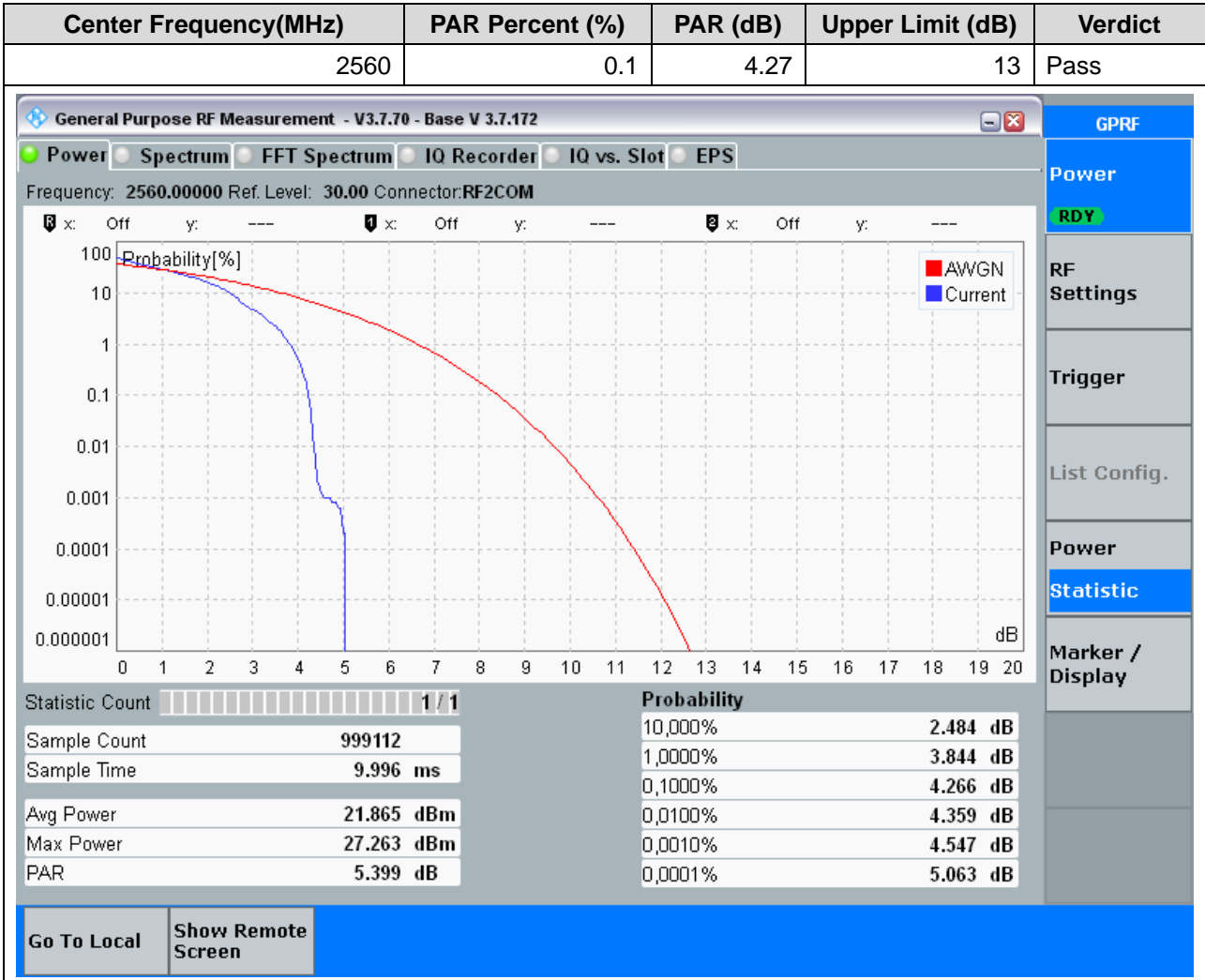
7.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



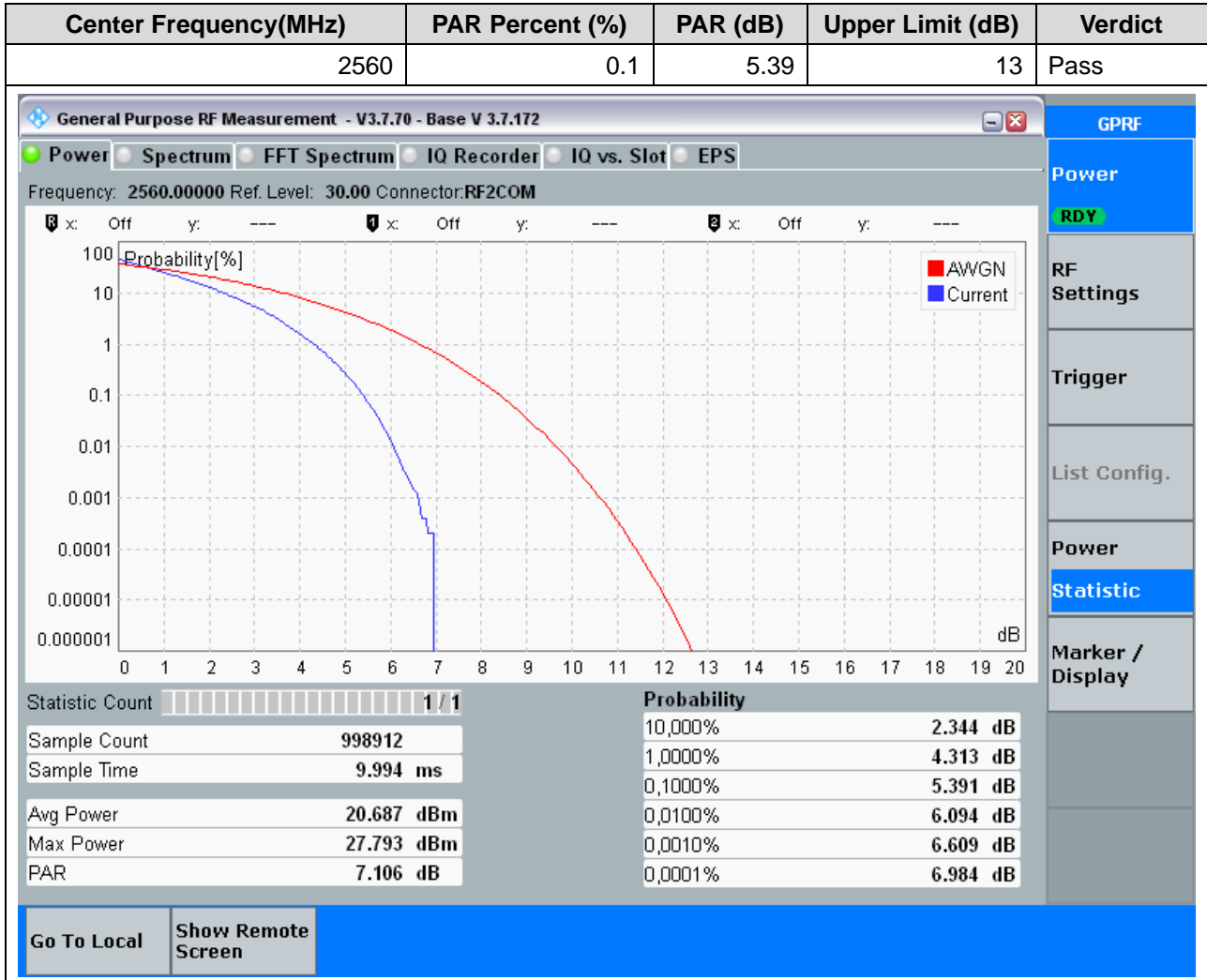
7.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



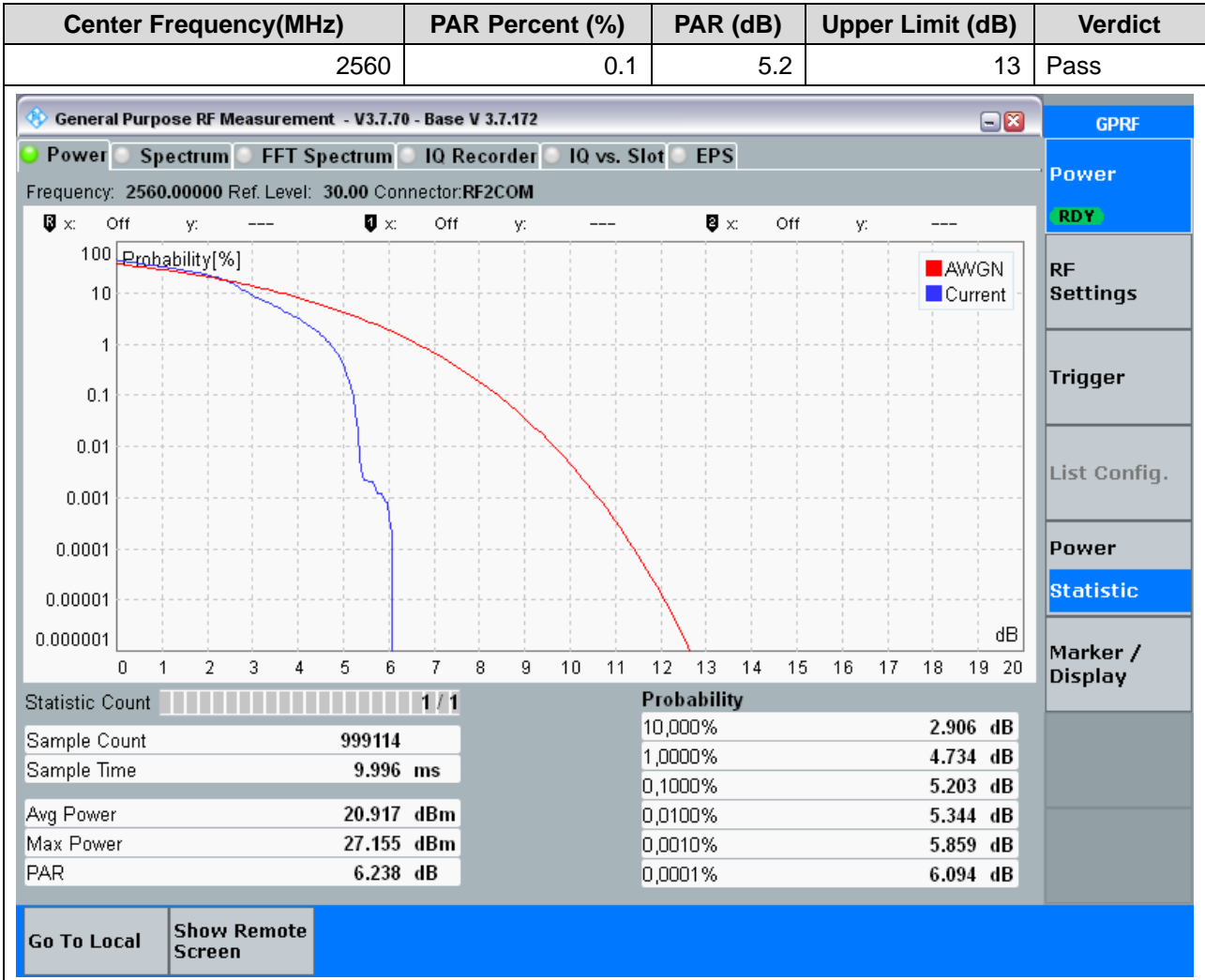
7.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



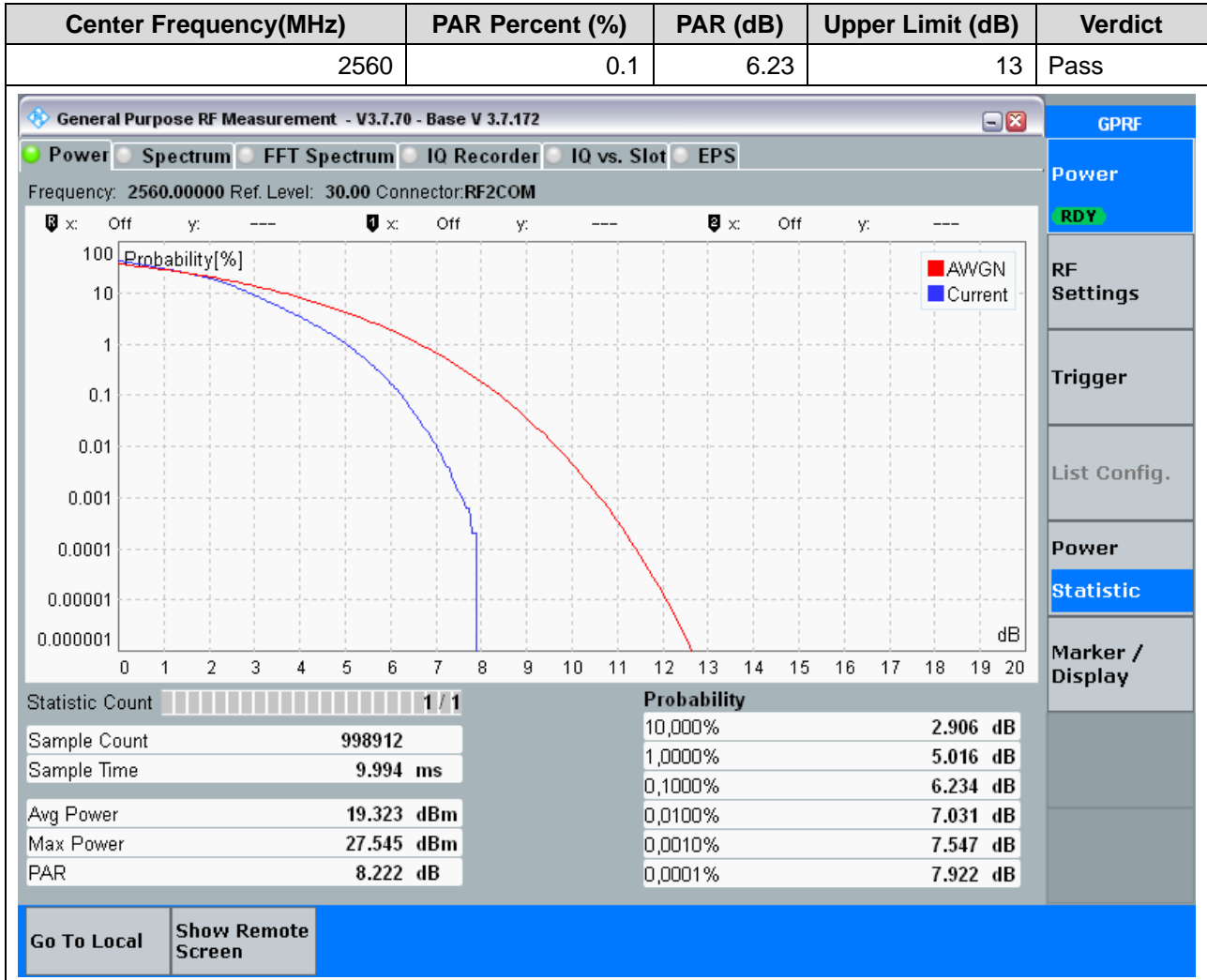
7.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



7.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

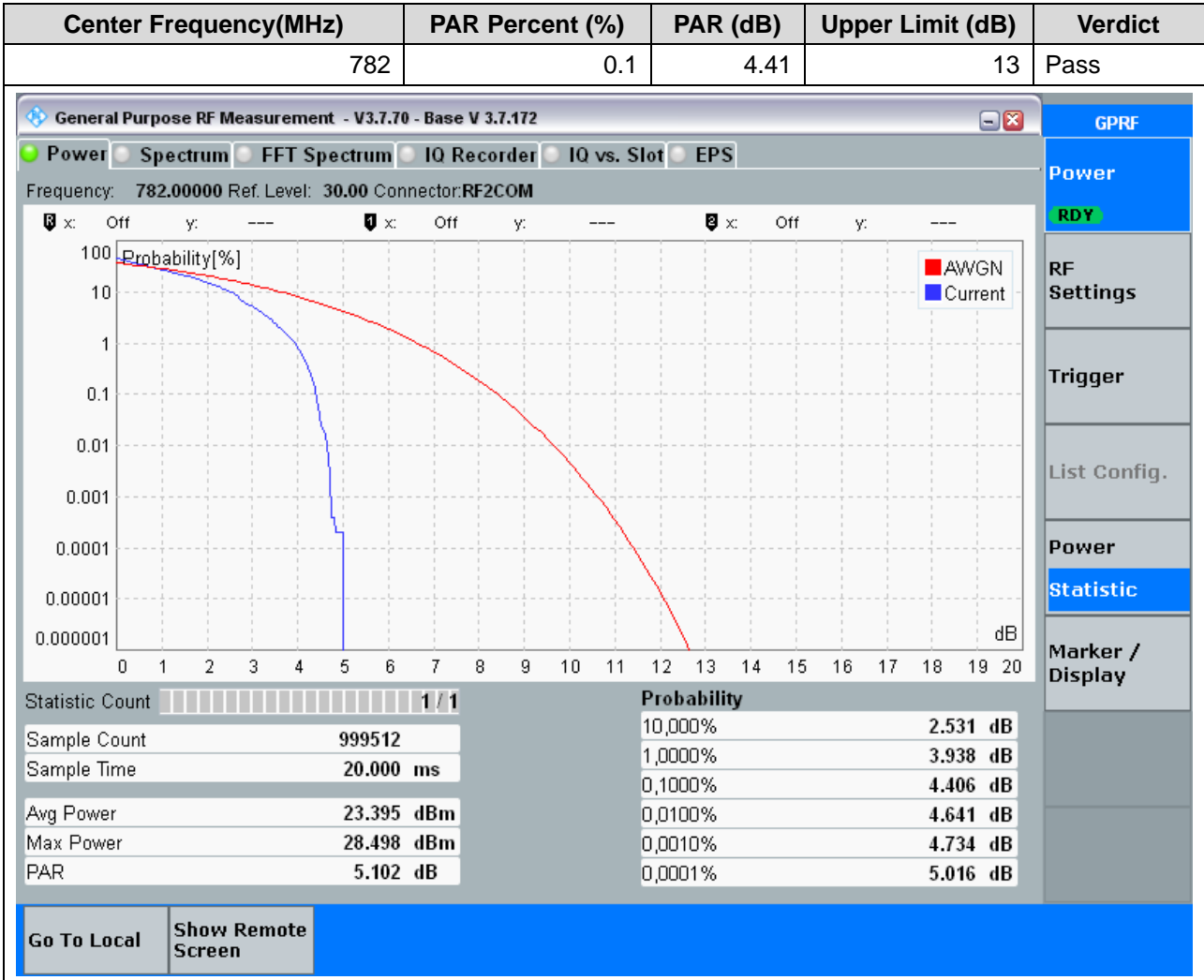


7.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

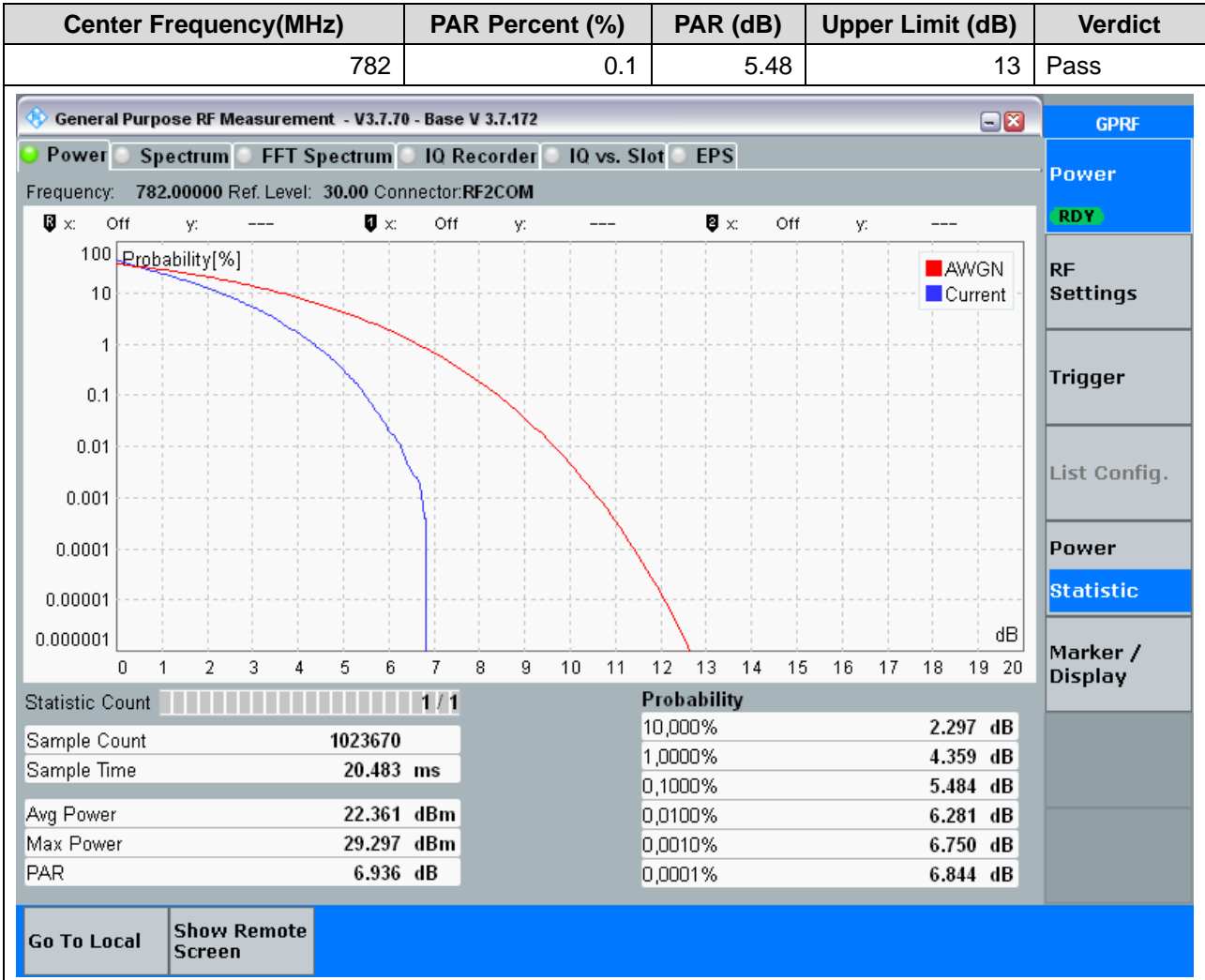


8. LTE_Band13

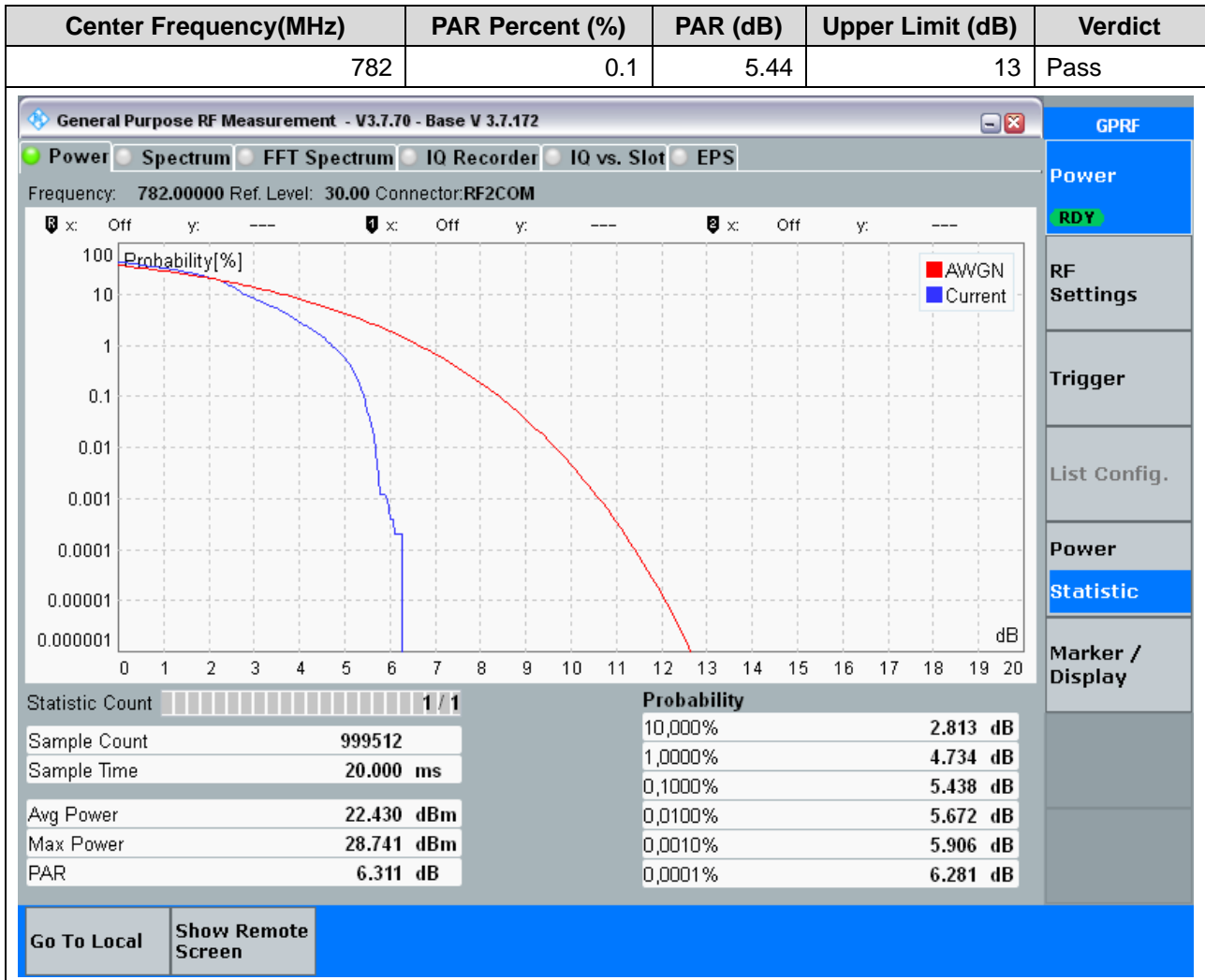
8.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



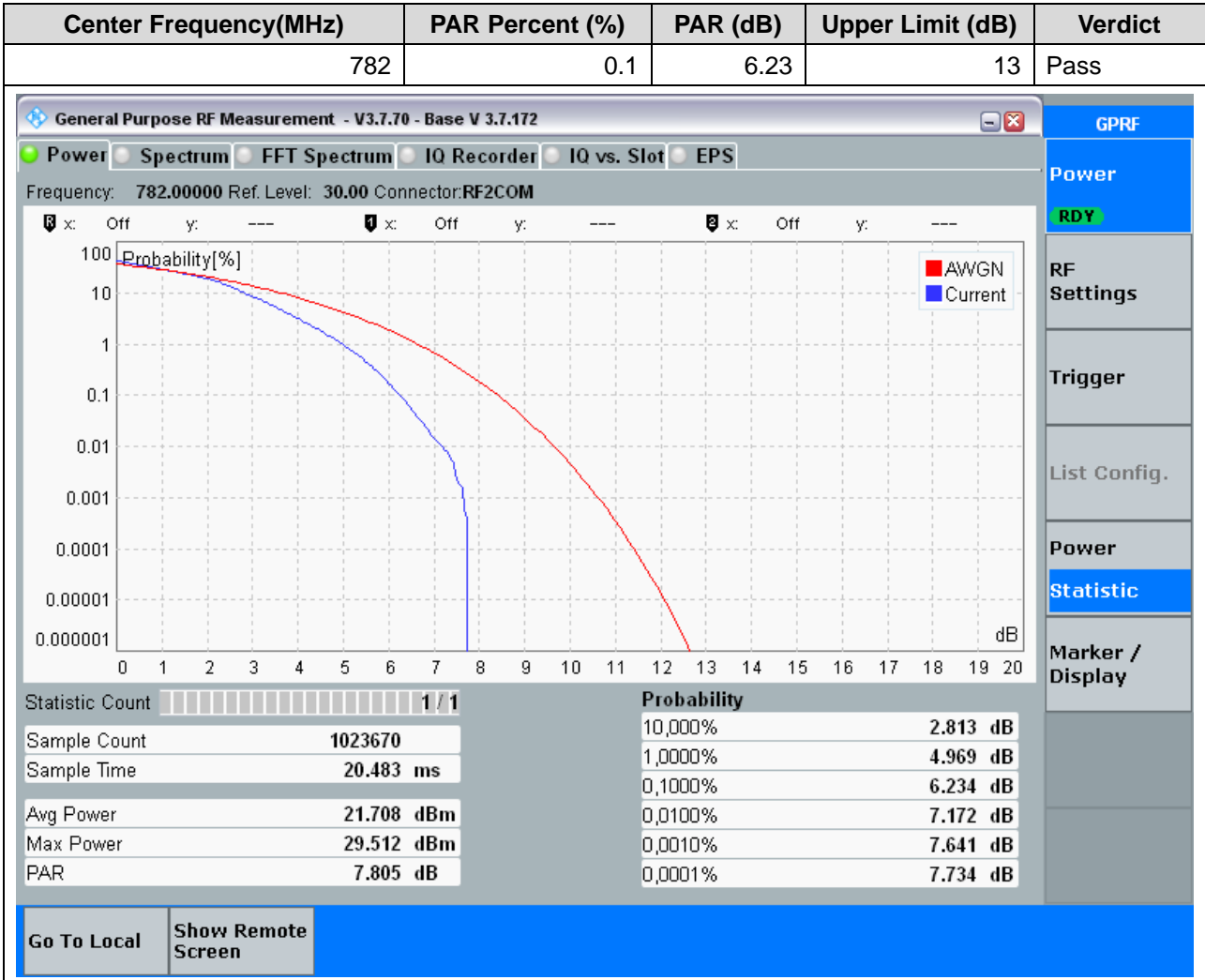
8.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



8.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

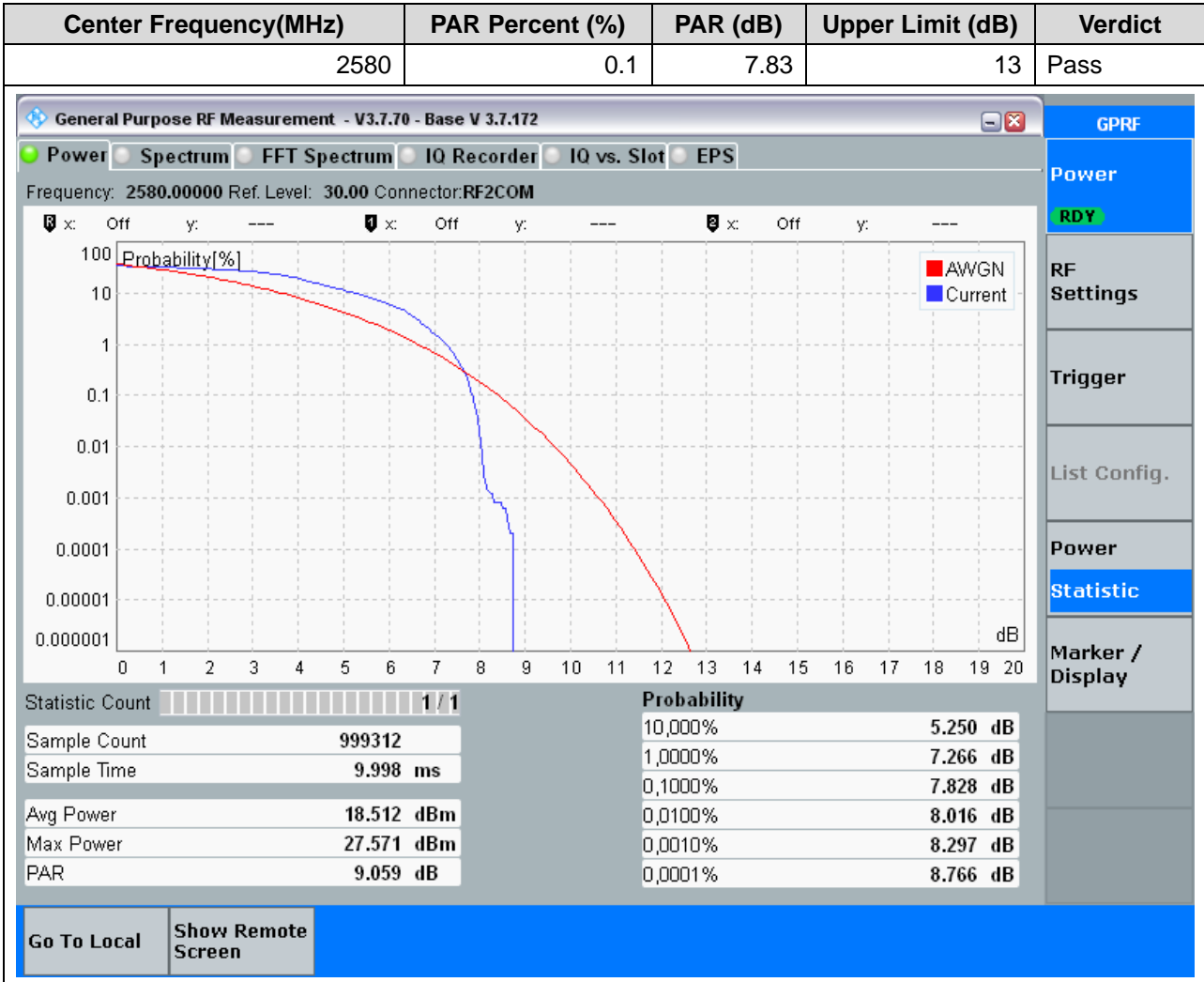


8.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



9. LTE_Band38

9.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



9.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	8.91	13	Pass

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

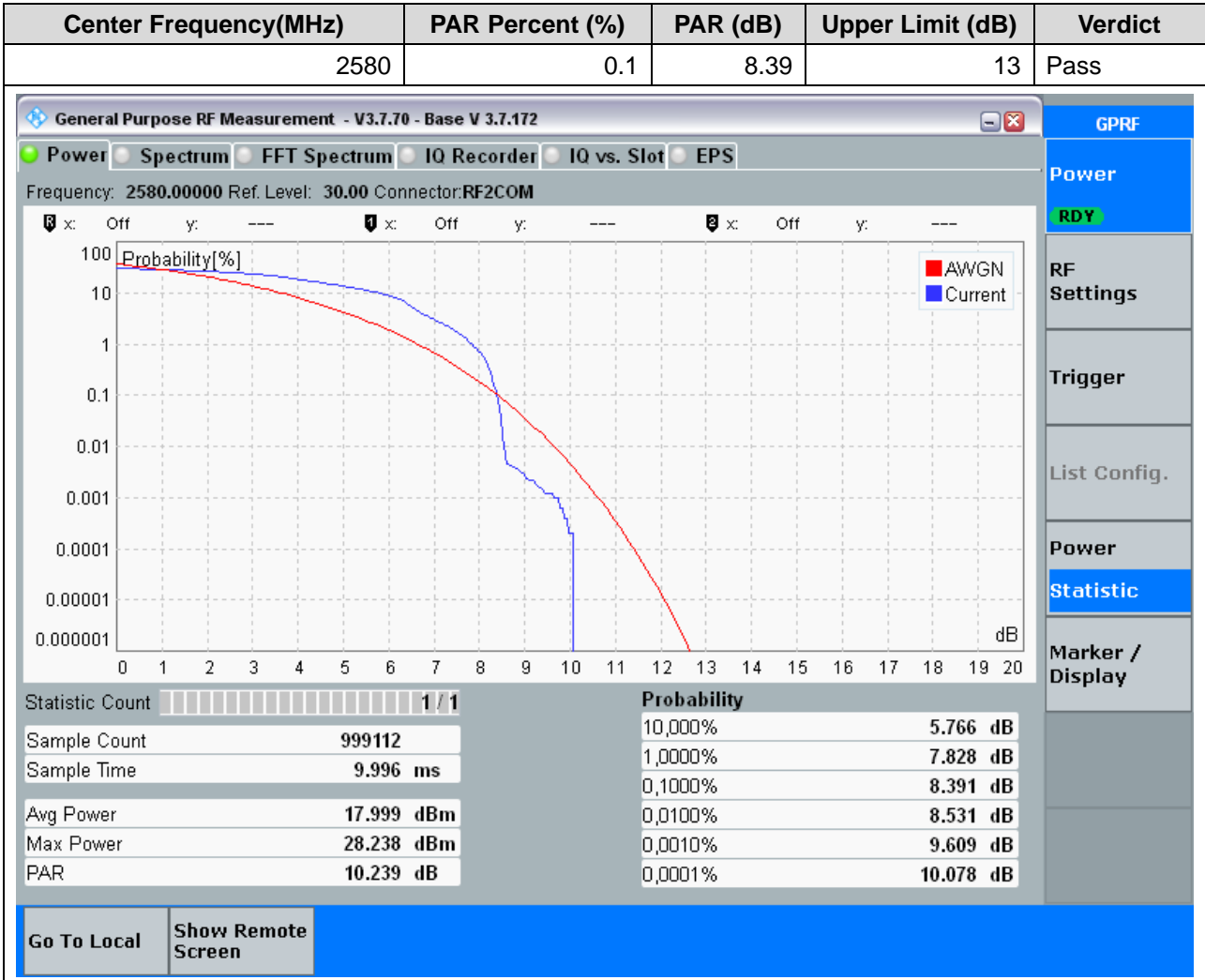
Frequency: 2580.00000 Ref. Level: 30.00 Connector:RF2COM

Legend: AWGN (Red), Current (Blue)

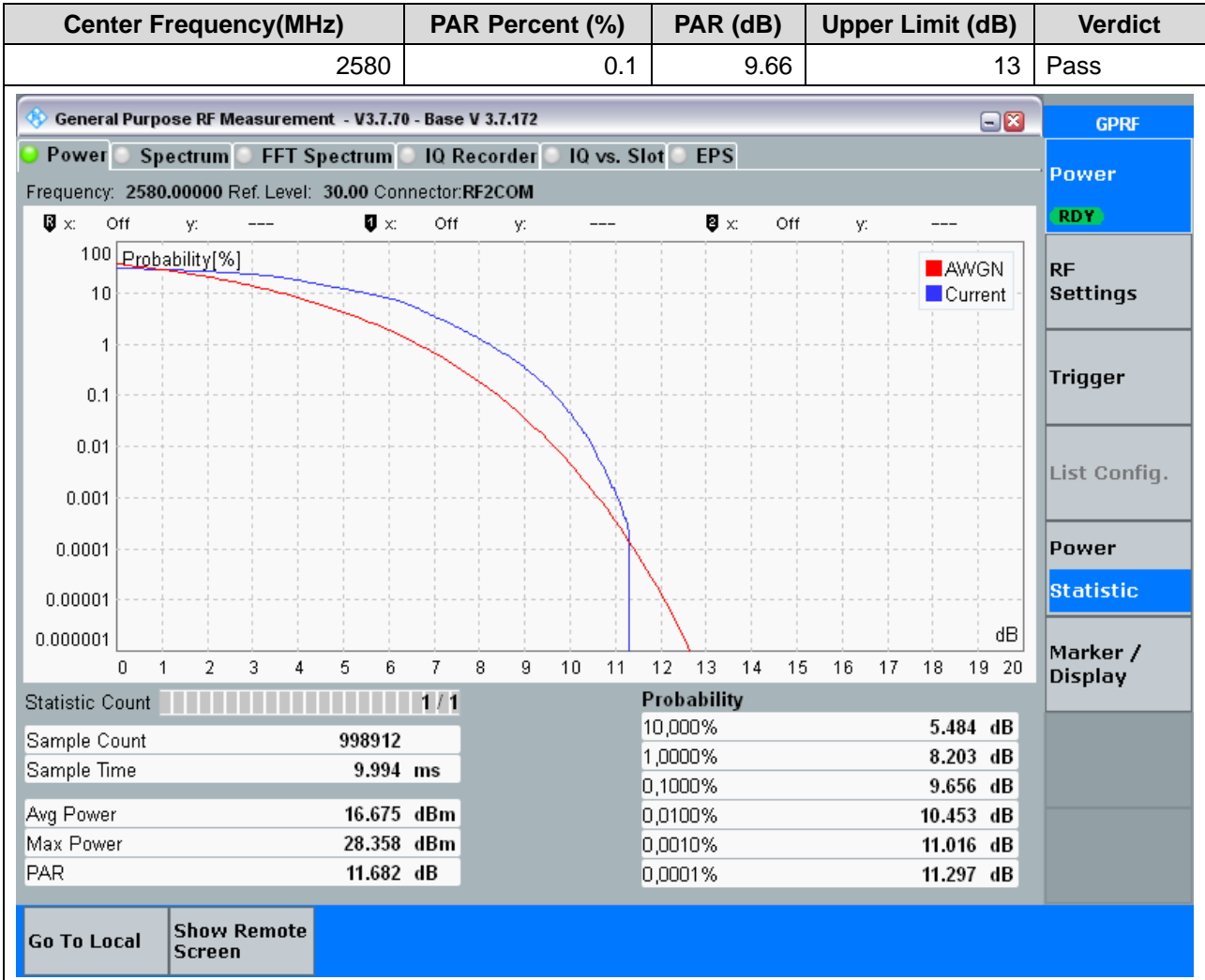
Statistic	Value	Probability	Value
Sample Count	998912	10,000%	4.969 dB
Sample Time	9.994 ms	1,0000%	7.594 dB
Avg Power	17.540 dBm	0,1000%	8.906 dB
Max Power	28.403 dBm	0,0100%	9.656 dB
PAR	10.863 dB	0,0010%	10.219 dB
		0,0001%	10.641 dB

Buttons: Go To Local, Show Remote Screen

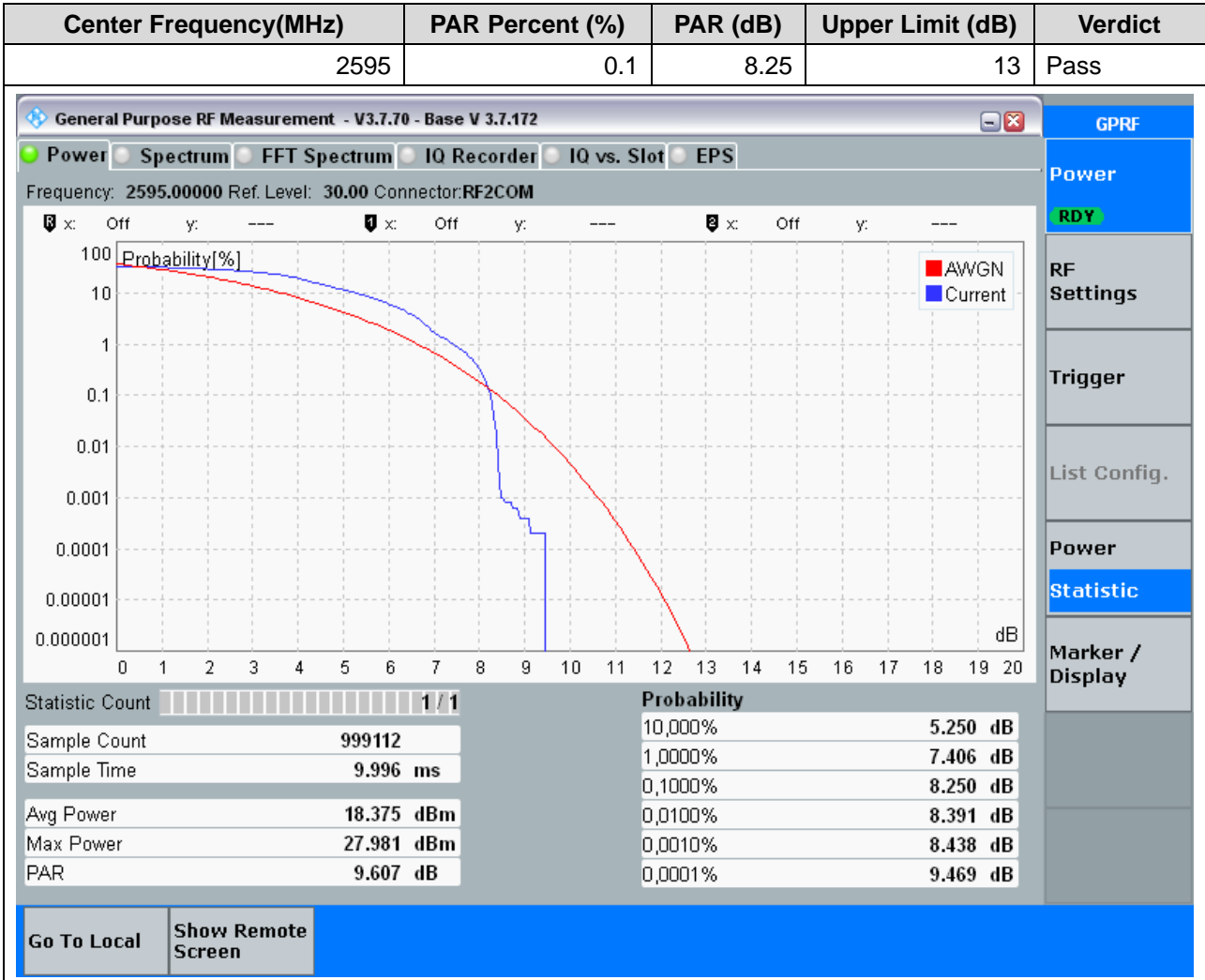
9.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



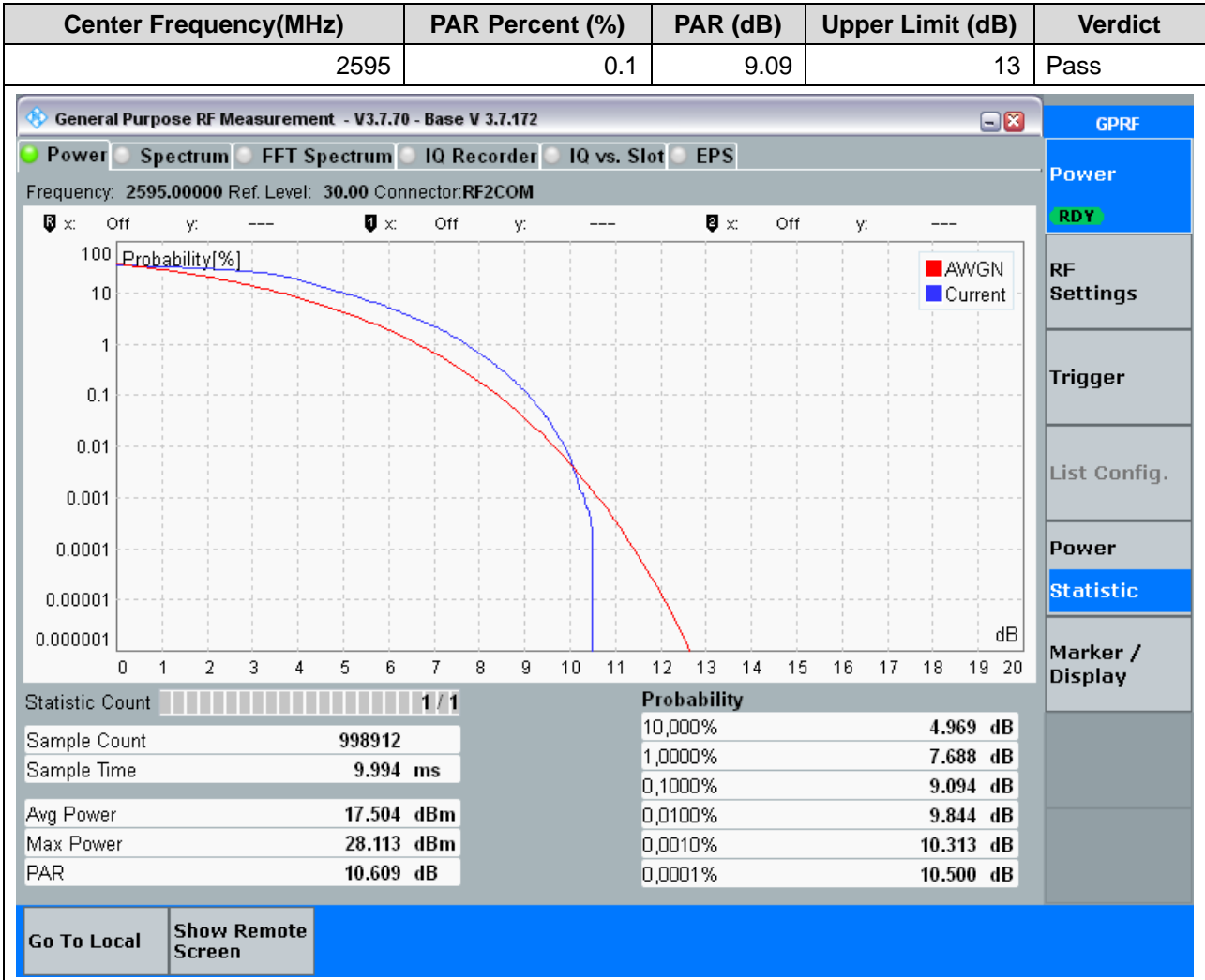
9.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



9.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



9.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



9.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	9	13	Pass

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

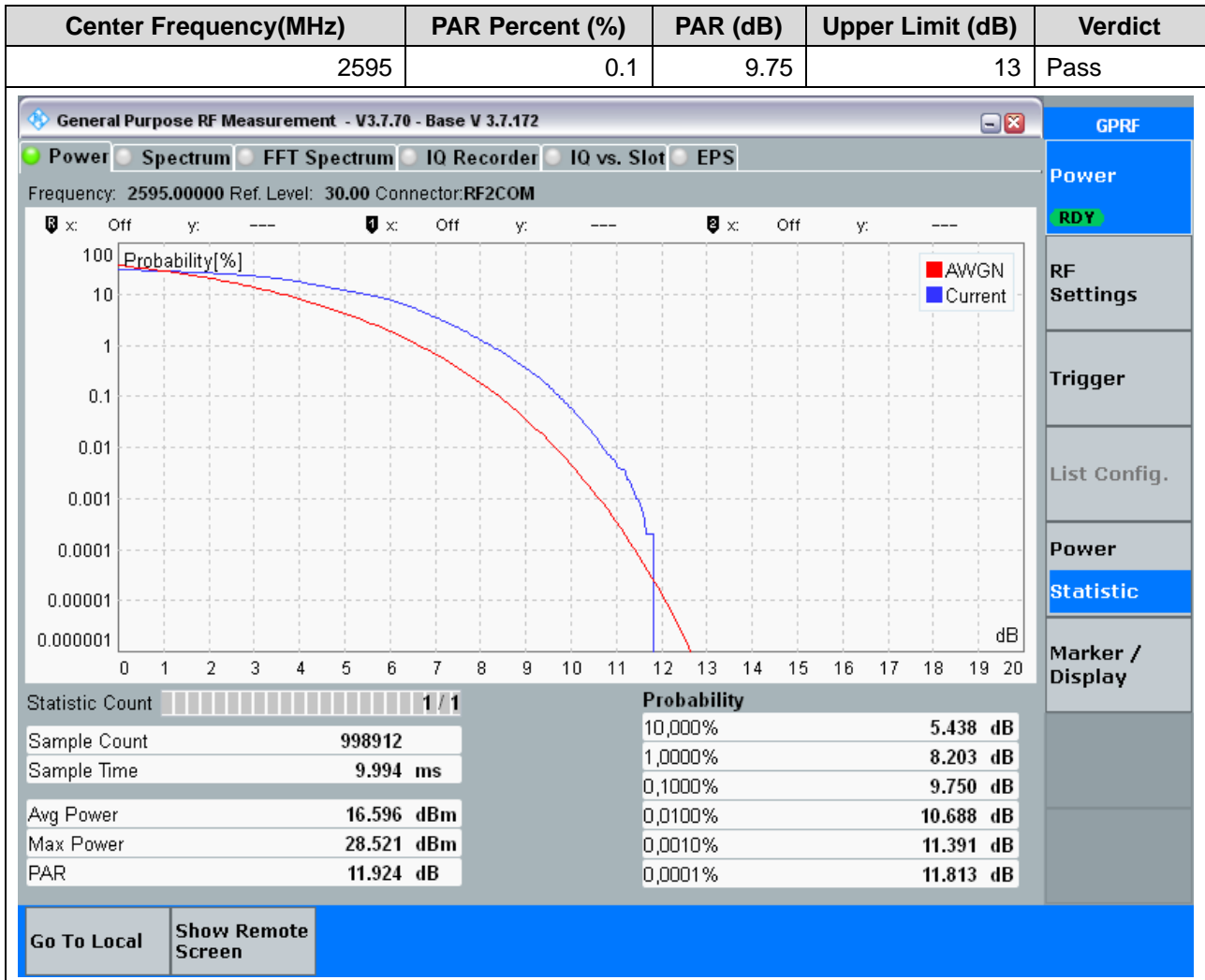
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2595.00000 Ref. Level: 30.00 Connector:RF2COM

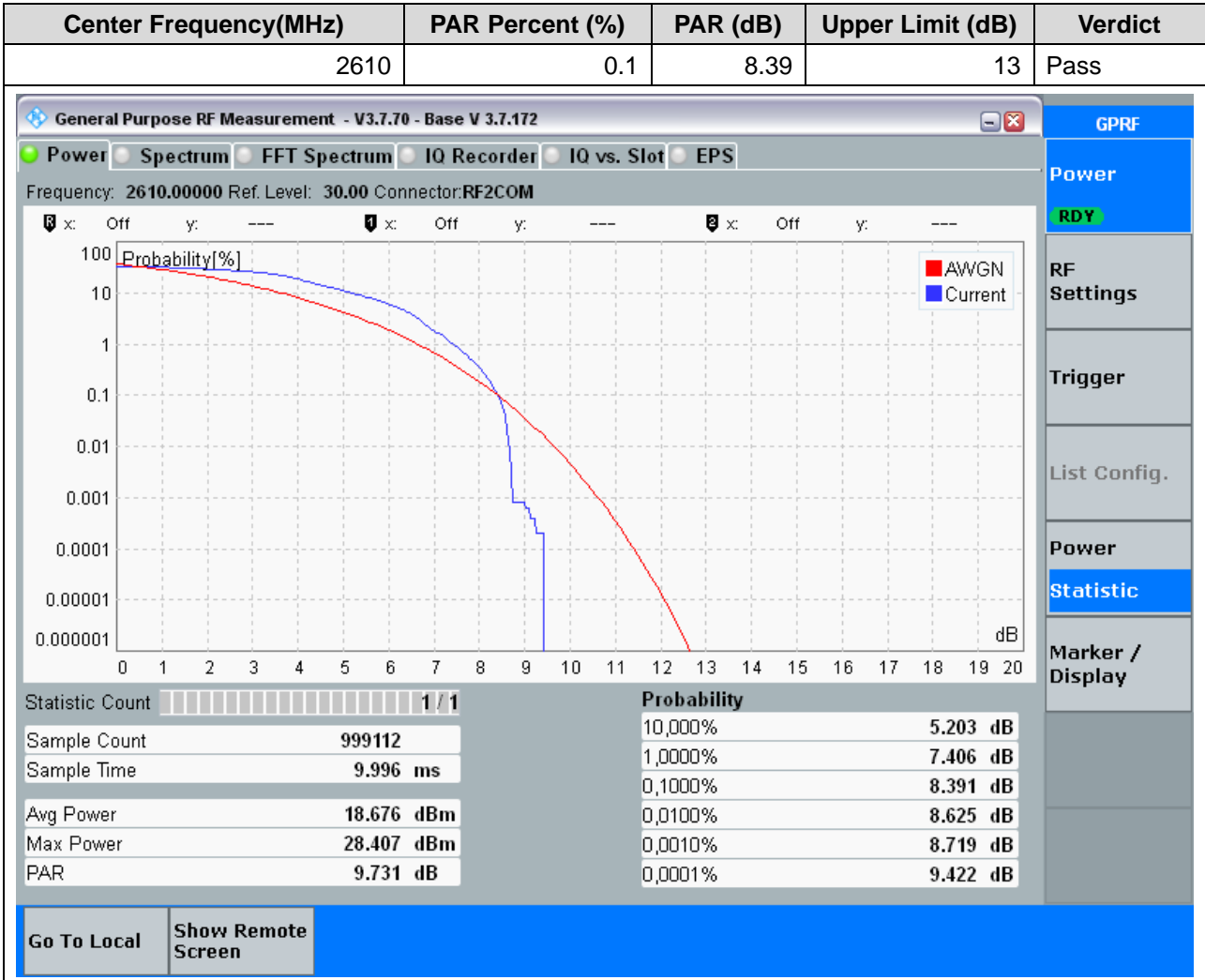
Statistic Count	Sample Count	Sample Time	Avg Power	Max Power	PAR	Probability	Value
1 / 1	999114	9.996 ms	17.502 dBm	27.833 dBm	10.331 dB	10,000%	5.672 dB
						1,0000%	8.109 dB
						0,1000%	9.000 dB
						0,0100%	9.234 dB
						0,0010%	9.328 dB
						0,0001%	10.031 dB

Go To Local Show Remote Screen

9.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



9.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



9.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

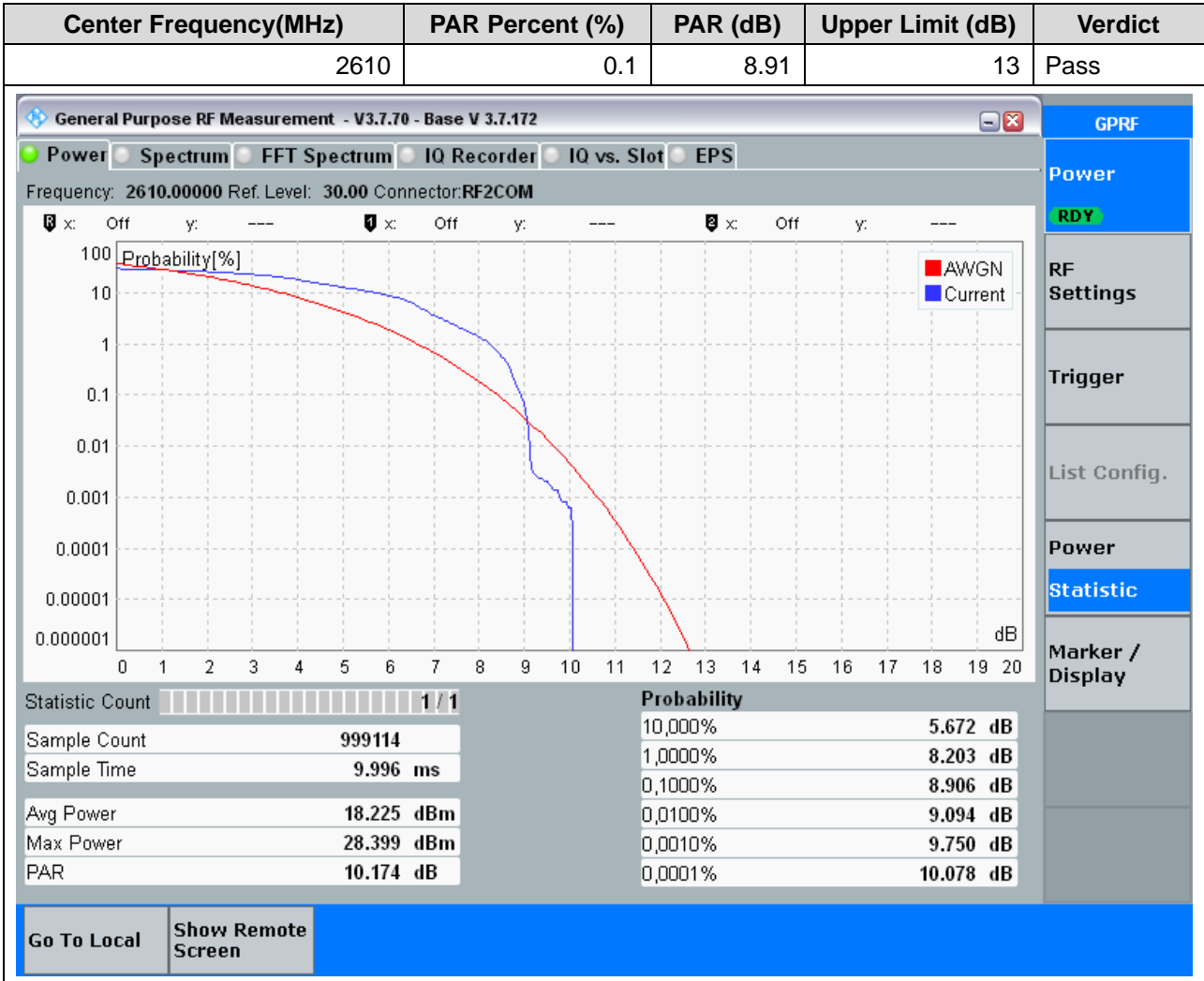
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2610	0.1	9.19	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a higher PAR than the 'AWGN' curve. Below the graph, a statistics table provides the following data:

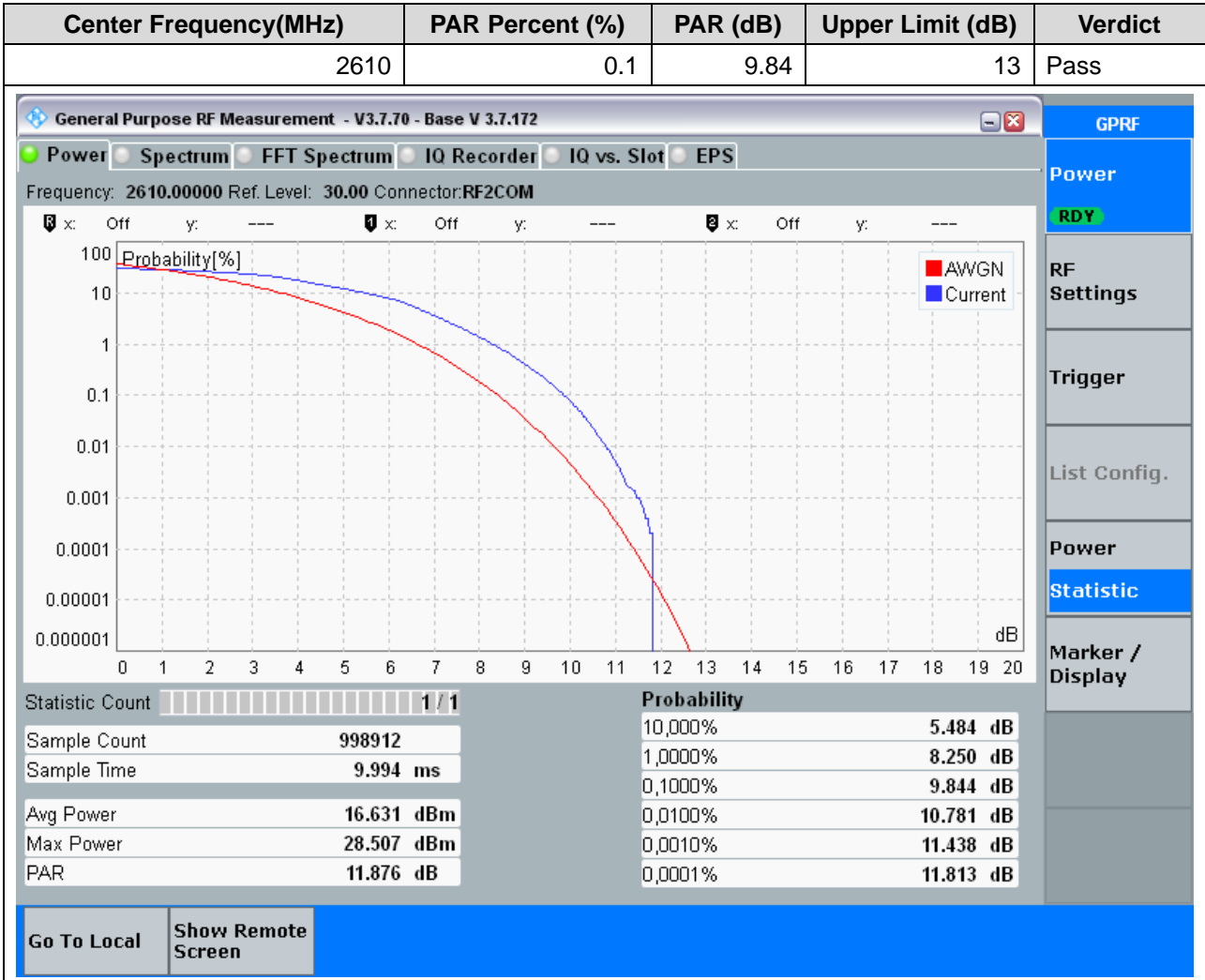
Statistic	Value	Probability	Value
Sample Count	998912	10,000%	4.969 dB
Sample Time	9.994 ms	1,0000%	7.734 dB
Avg Power	17.446 dBm	0,1000%	9.188 dB
Max Power	28.452 dBm	0,0100%	10.031 dB
PAR	11.007 dB	0,0010%	10.594 dB
		0,0001%	10.969 dB

Additional interface elements include a 'Statistic Count' bar (1/1), 'Go To Local' and 'Show Remote Screen' buttons, and a right-hand sidebar with tabs for 'GPRF', 'Power', 'RF Settings', 'Trigger', 'List Config.', 'Power', 'Statistic', and 'Marker / Display'.

9.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

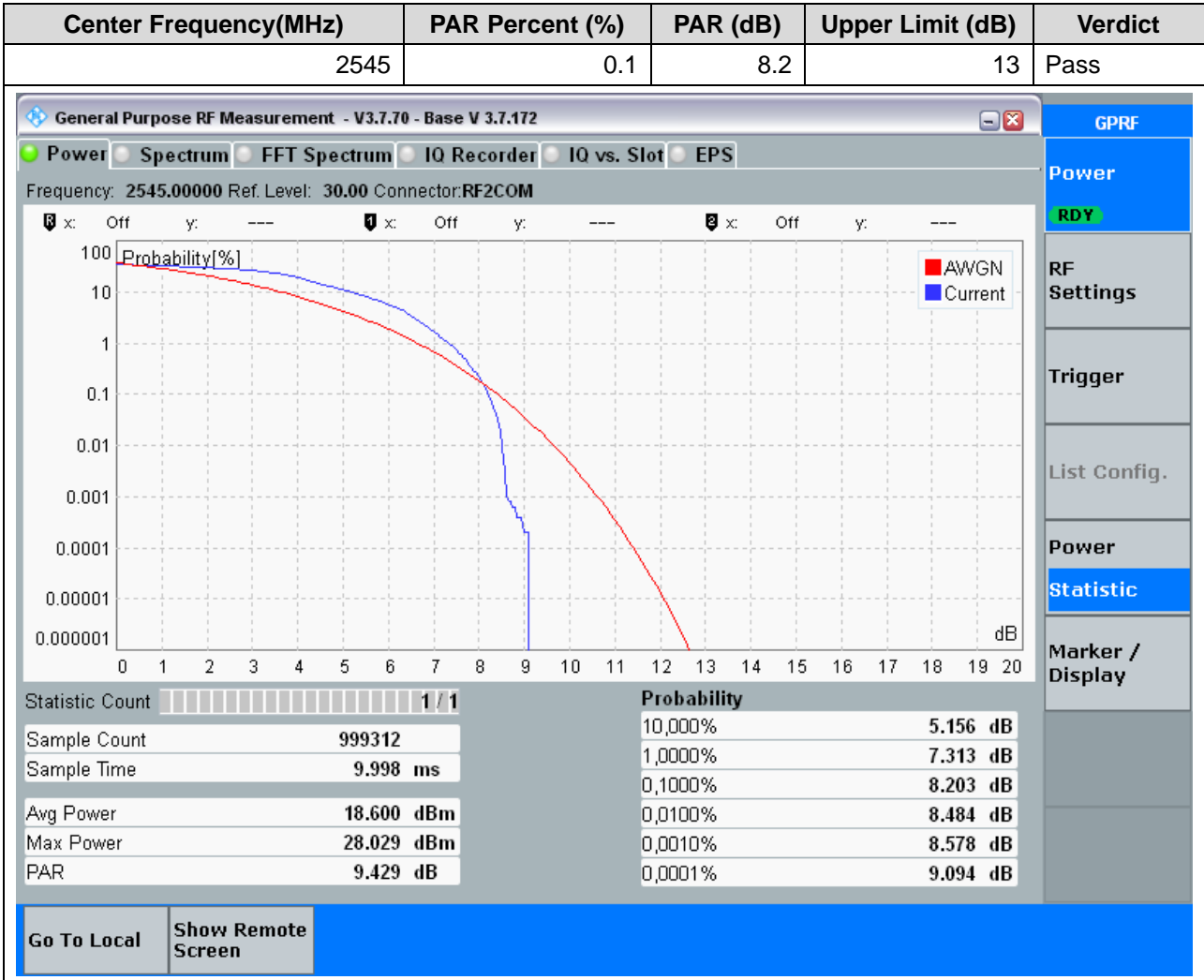


9.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

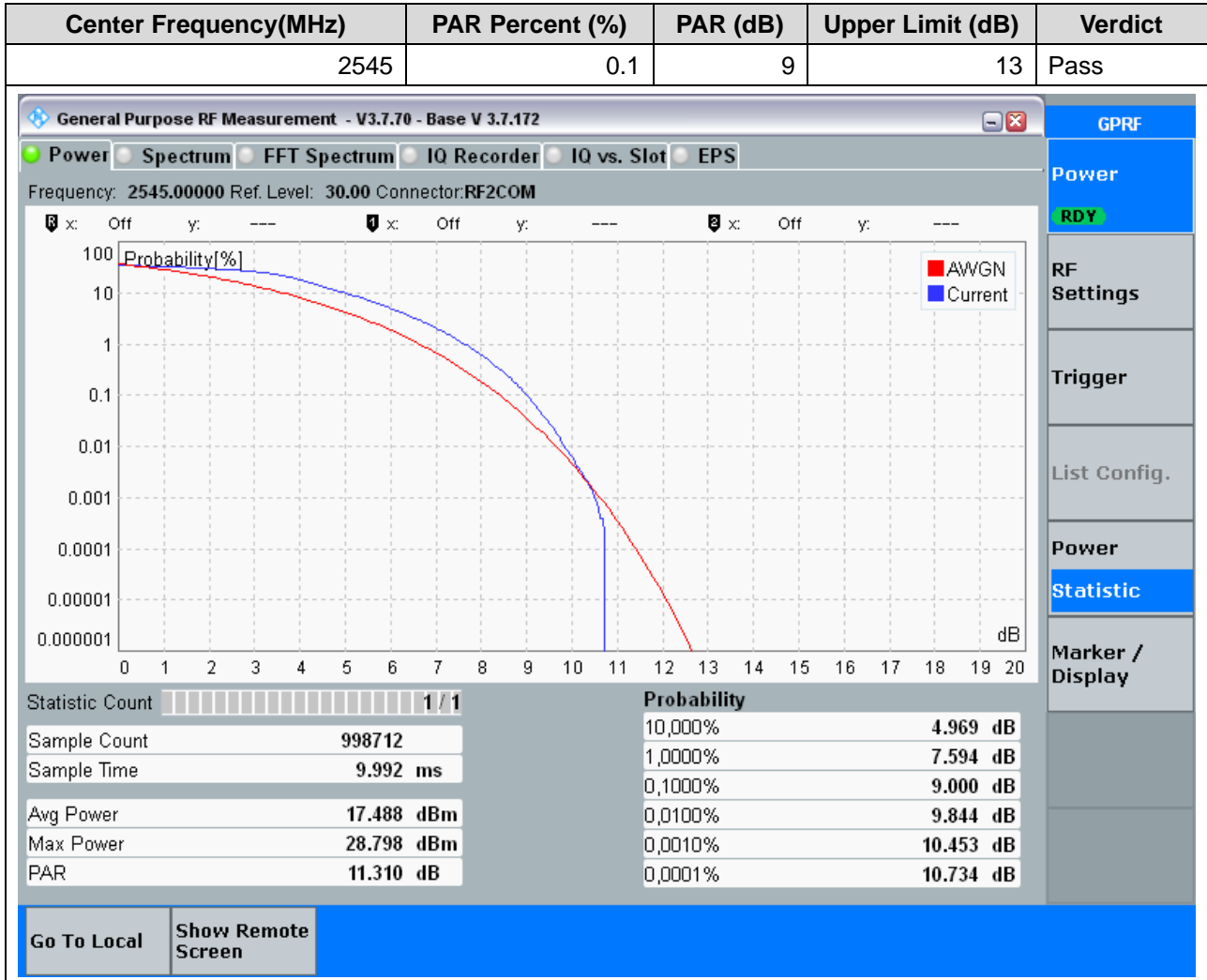


10. LTE_Band41 120M

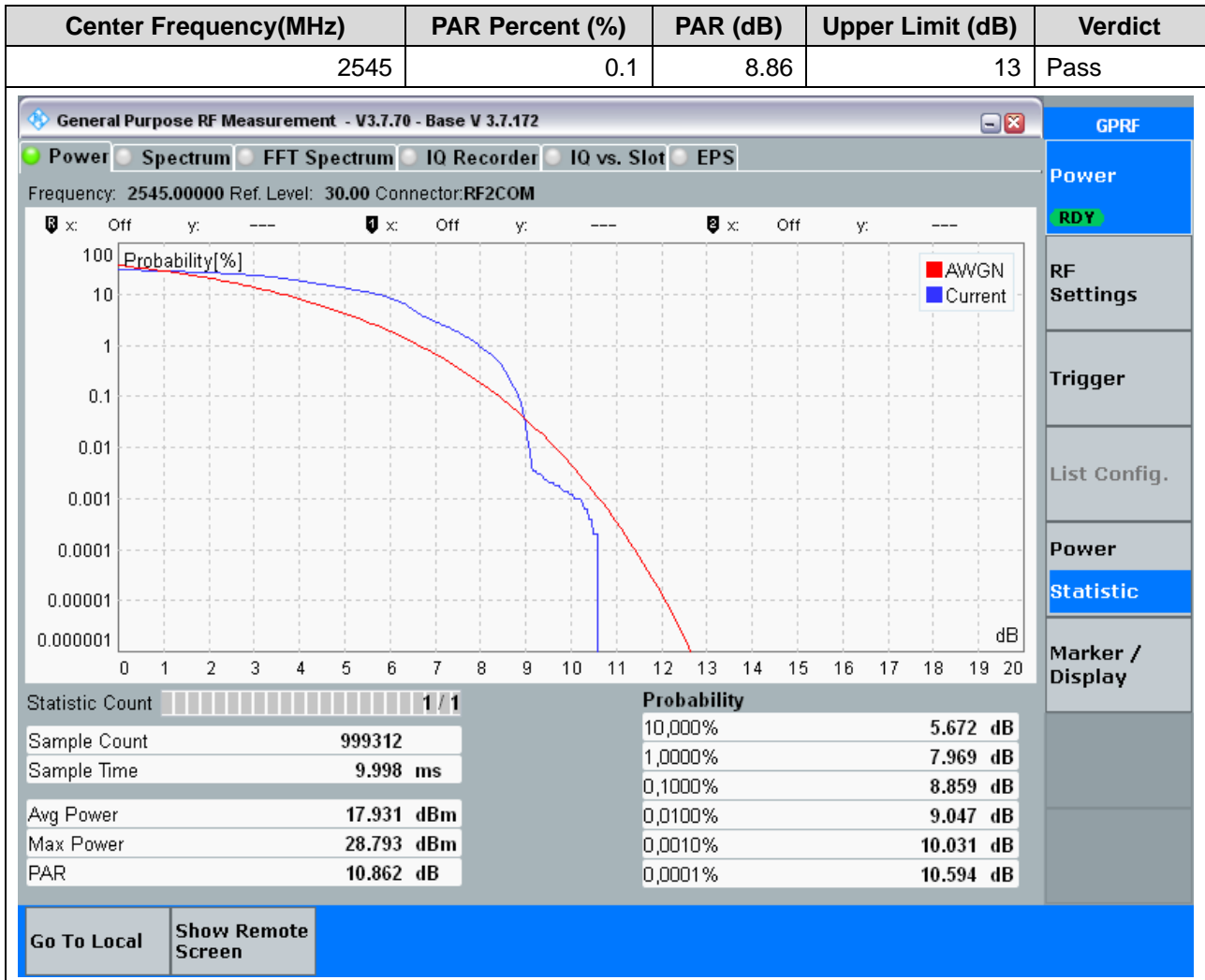
2.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:40140, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



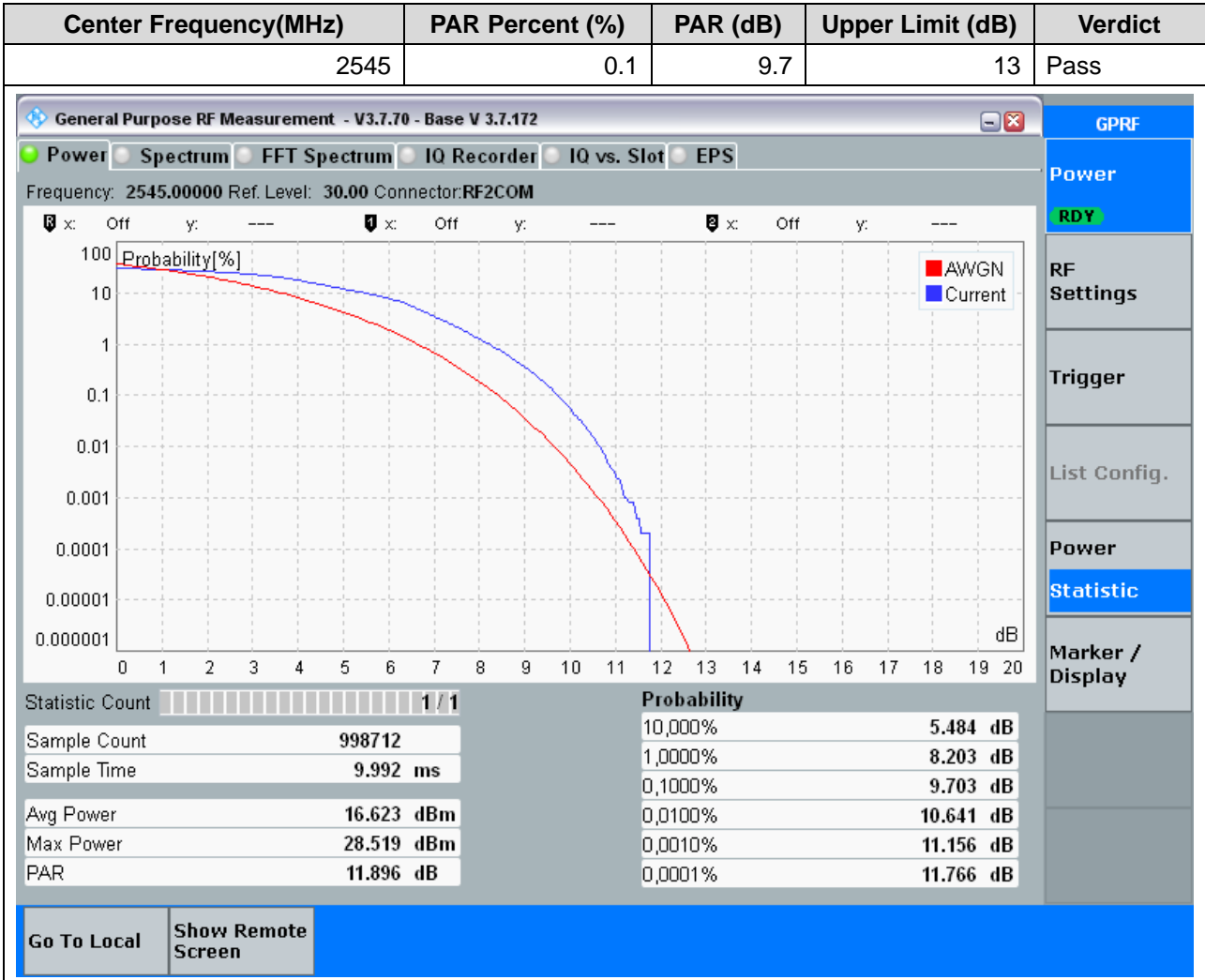
10.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:40140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



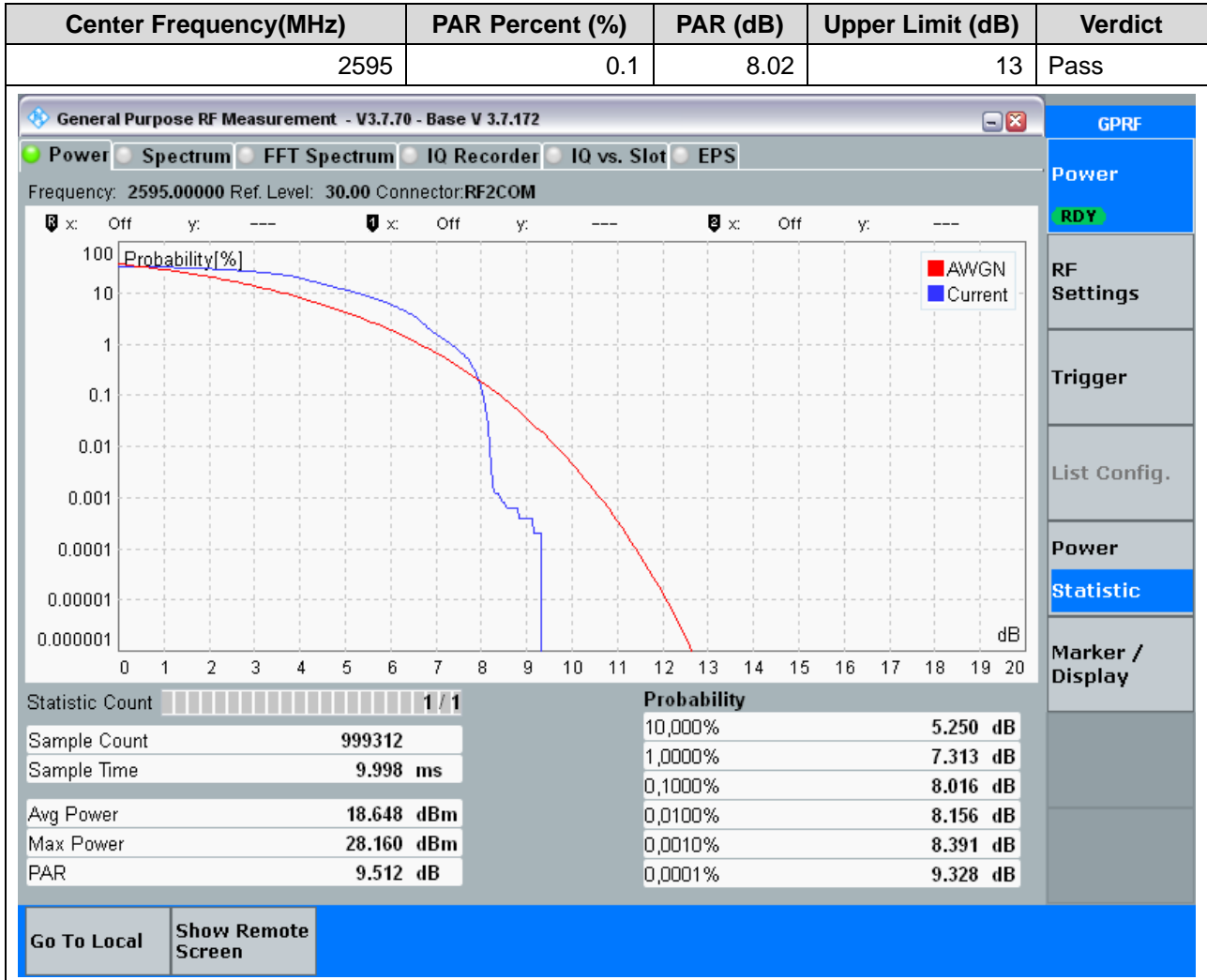
10.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:40140, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



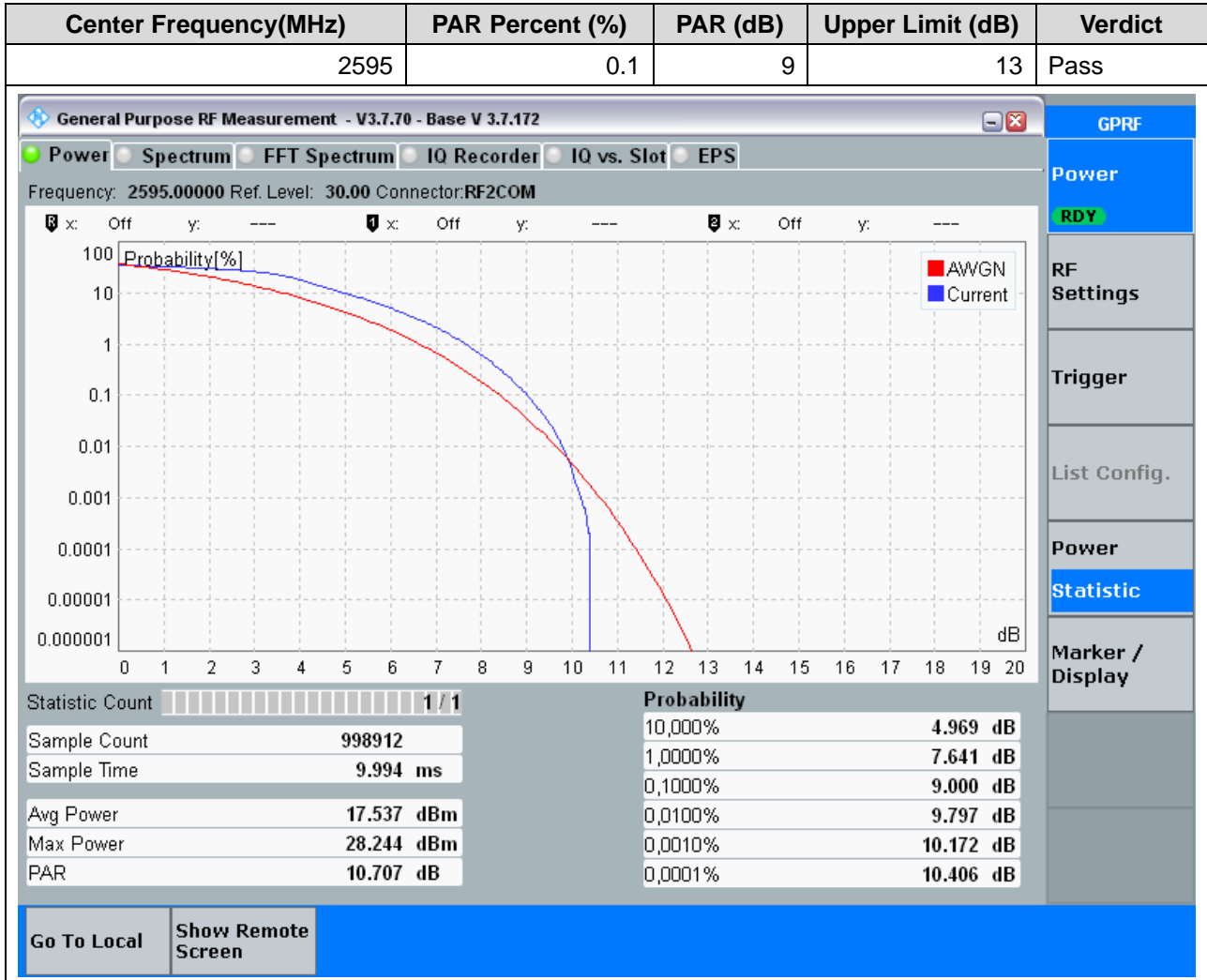
10.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:40140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



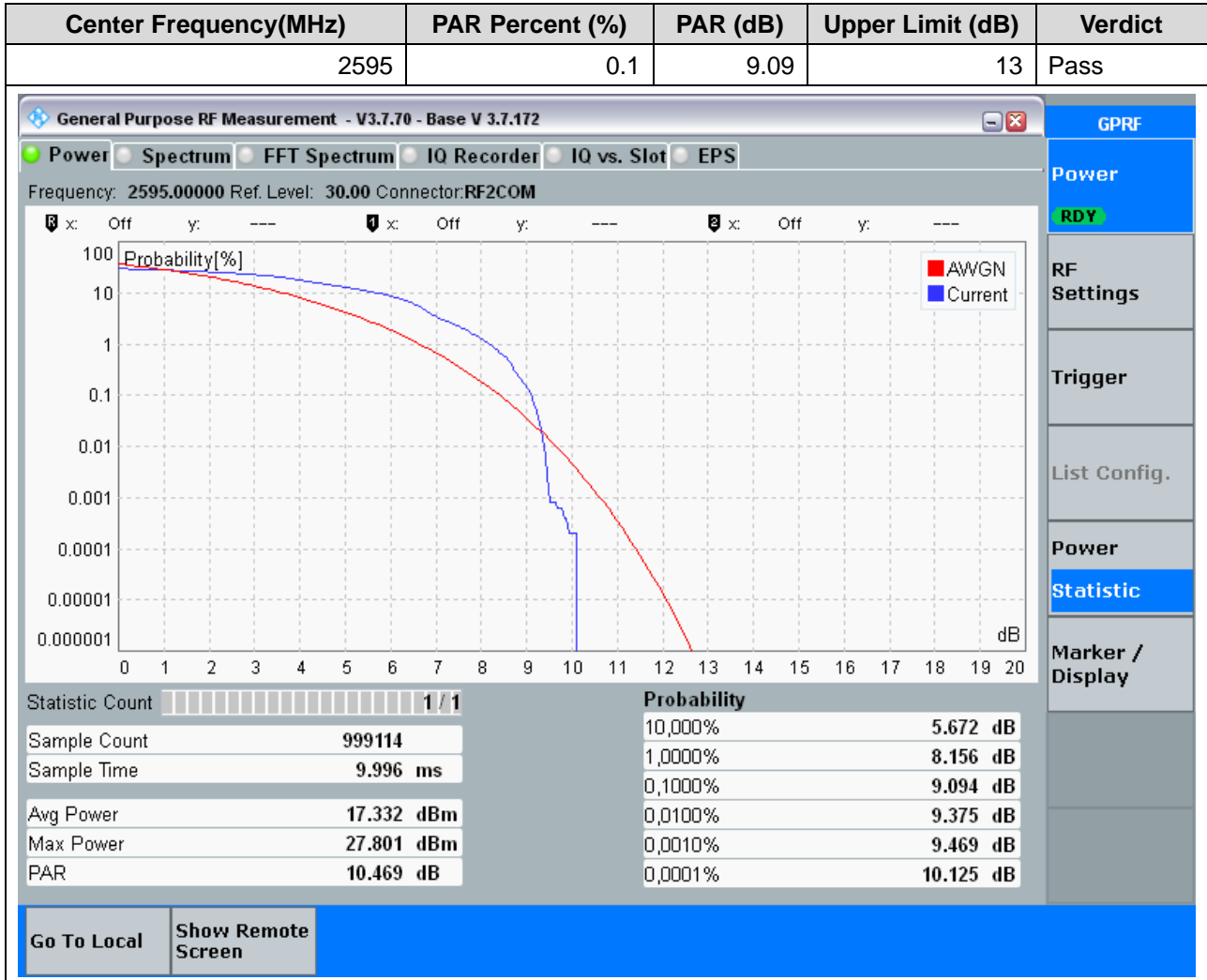
10.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:40640, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



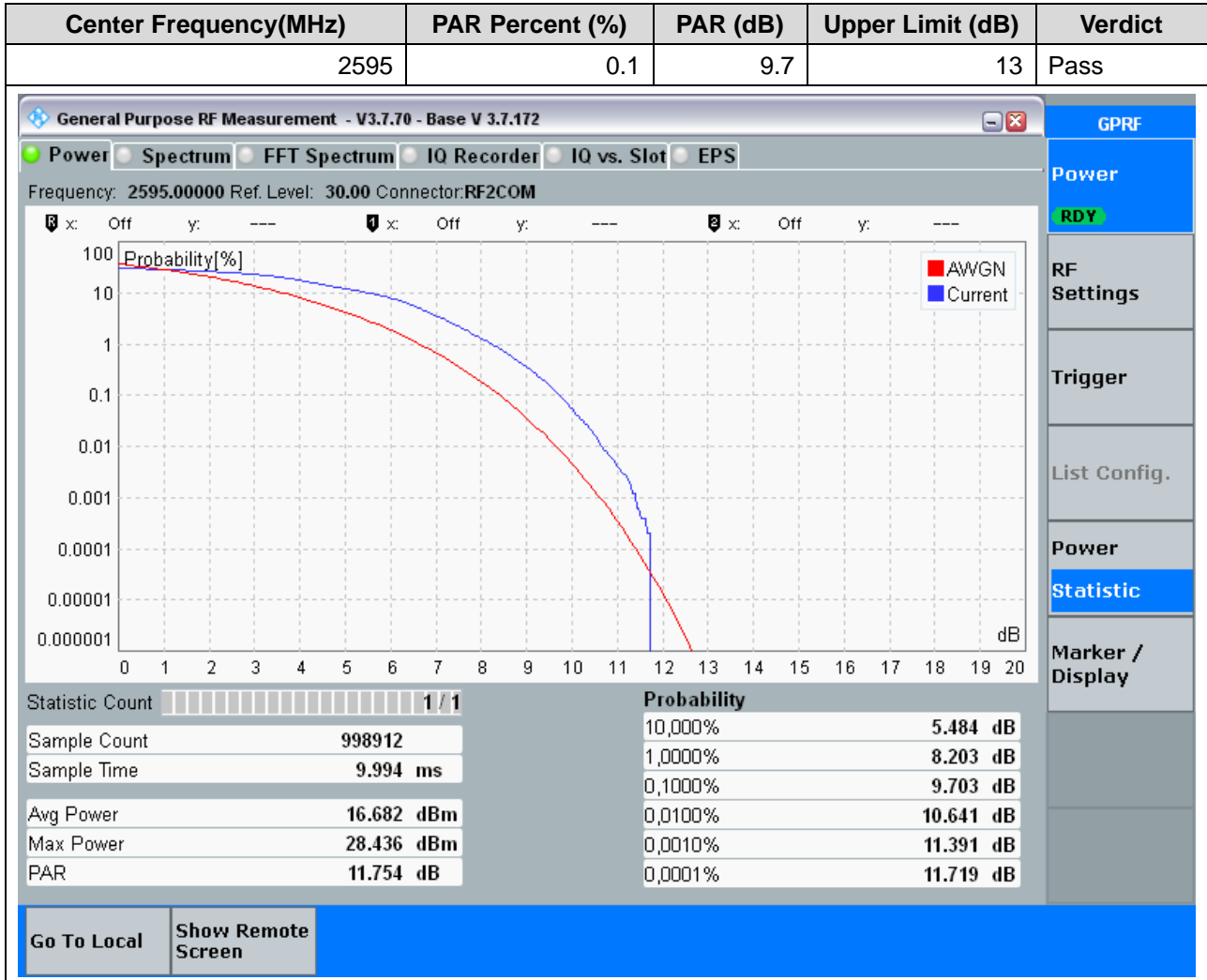
10.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:40640, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



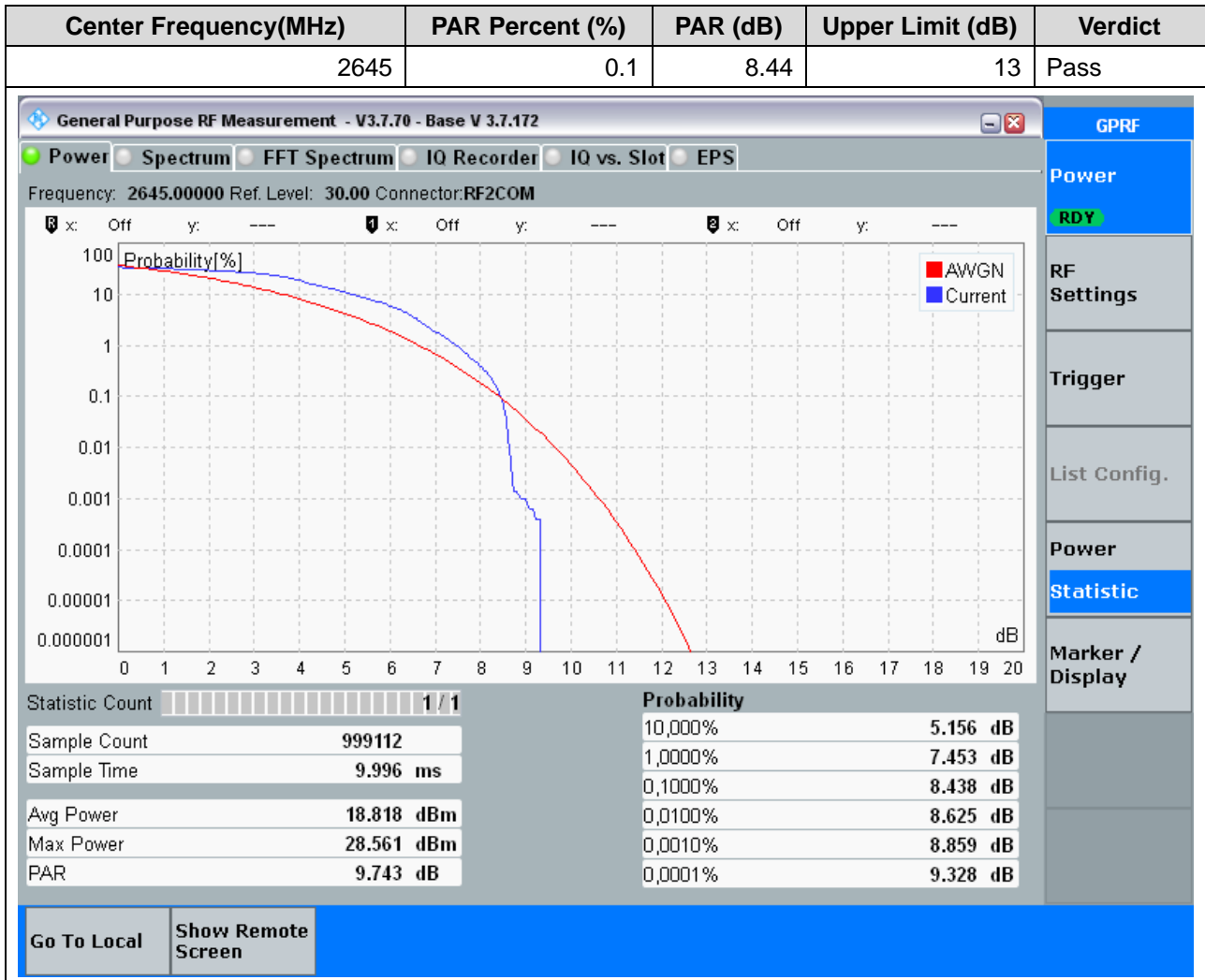
10.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:40640, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



10.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:40640, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



10.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:41140, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



10.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:41140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2645	0.1	9.09	13	Pass

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

Frequency: 2645.00000 Ref. Level: 30.00 Connector:RF2COM

Graph: Probability[%] vs dB. Legend: AWGN (red), Current (blue).

Statistic	Value	Probability	Value
Sample Count	998912	10,000%	4.969 dB
Sample Time	9.994 ms	1,0000%	7.688 dB
Avg Power	17.601 dBm	0,1000%	9.094 dB
Max Power	28.339 dBm	0,0100%	9.891 dB
PAR	10.738 dB	0,0010%	10.359 dB
		0,0001%	10.641 dB

Buttons: Go To Local, Show Remote Screen

10.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:41140, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2645	0.1	8.95	13	Pass

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

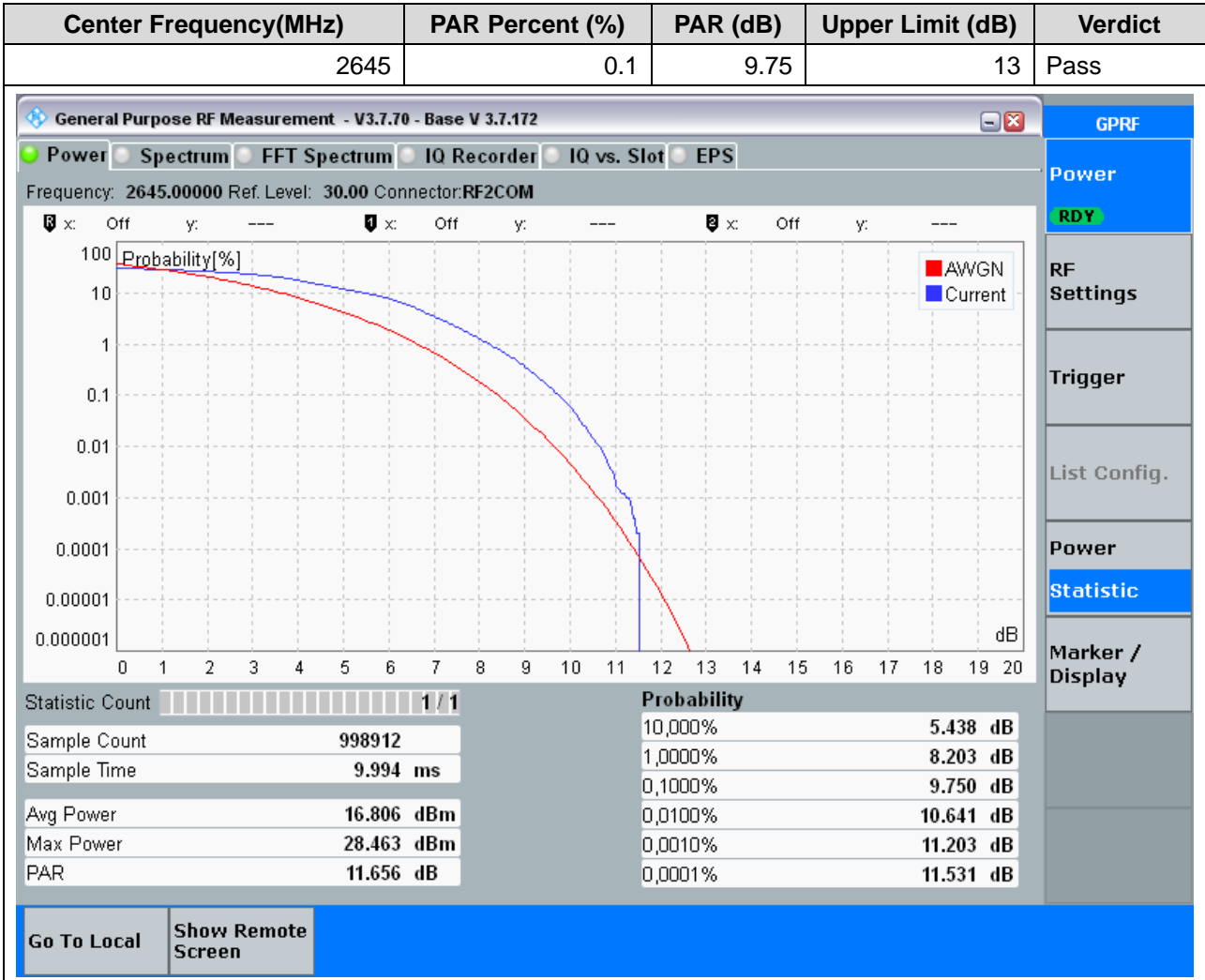
Frequency: 2645.00000 Ref. Level: 30.00 Connector:RF2COM

Graph: Probability[%] vs dB. Legend: AWGN (red), Current (blue).

Statistic	Value	Probability	Value
Sample Count	999112	10,000%	5.625 dB
Sample Time	9.996 ms	1,0000%	8.250 dB
Avg Power	18.341 dBm	0,1000%	8.953 dB
Max Power	28.574 dBm	0,0100%	9.188 dB
PAR	10.233 dB	0,0010%	9.797 dB
		0,0001%	10.172 dB

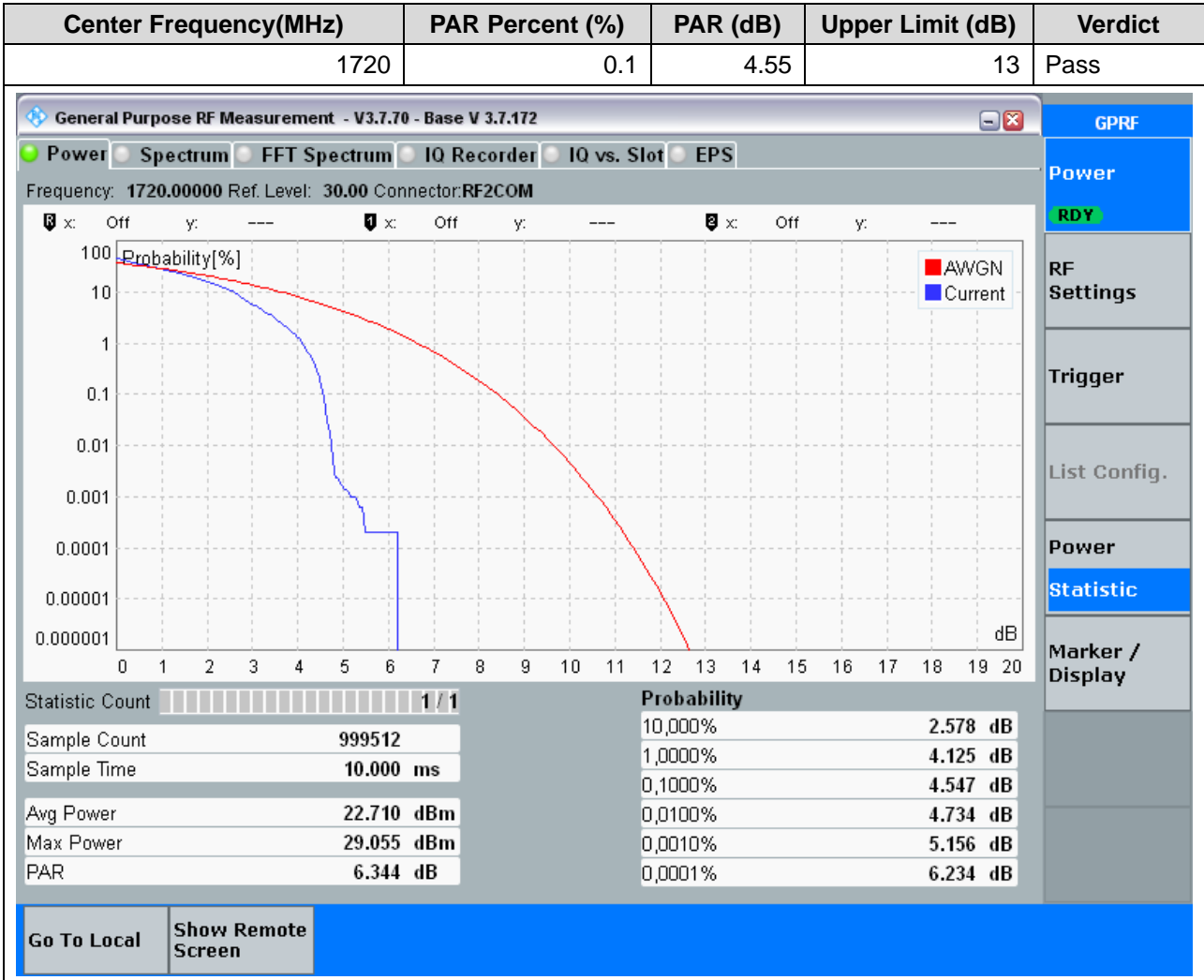
Buttons: Go To Local, Show Remote Screen

10.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:41140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

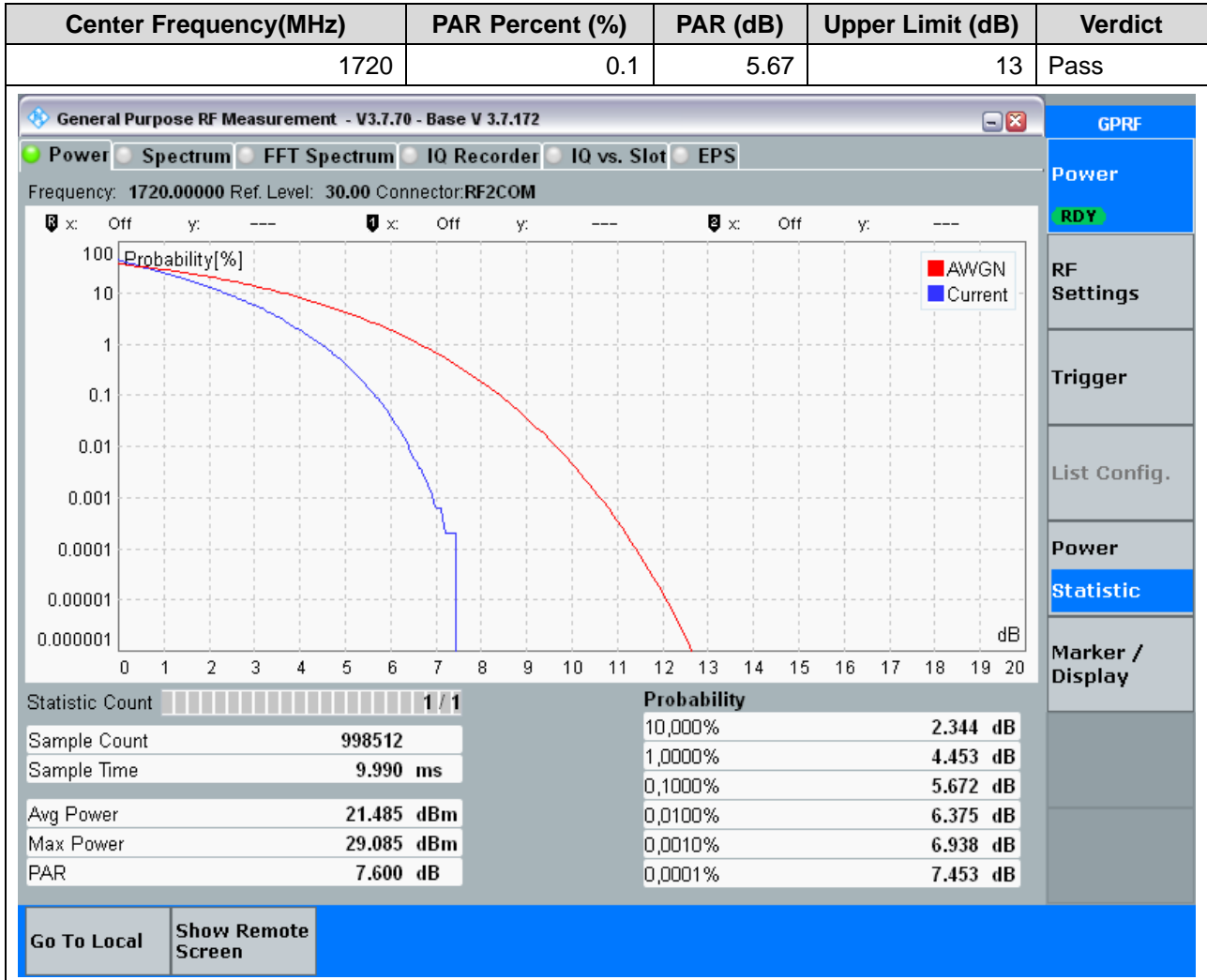


11. LTE_Band66

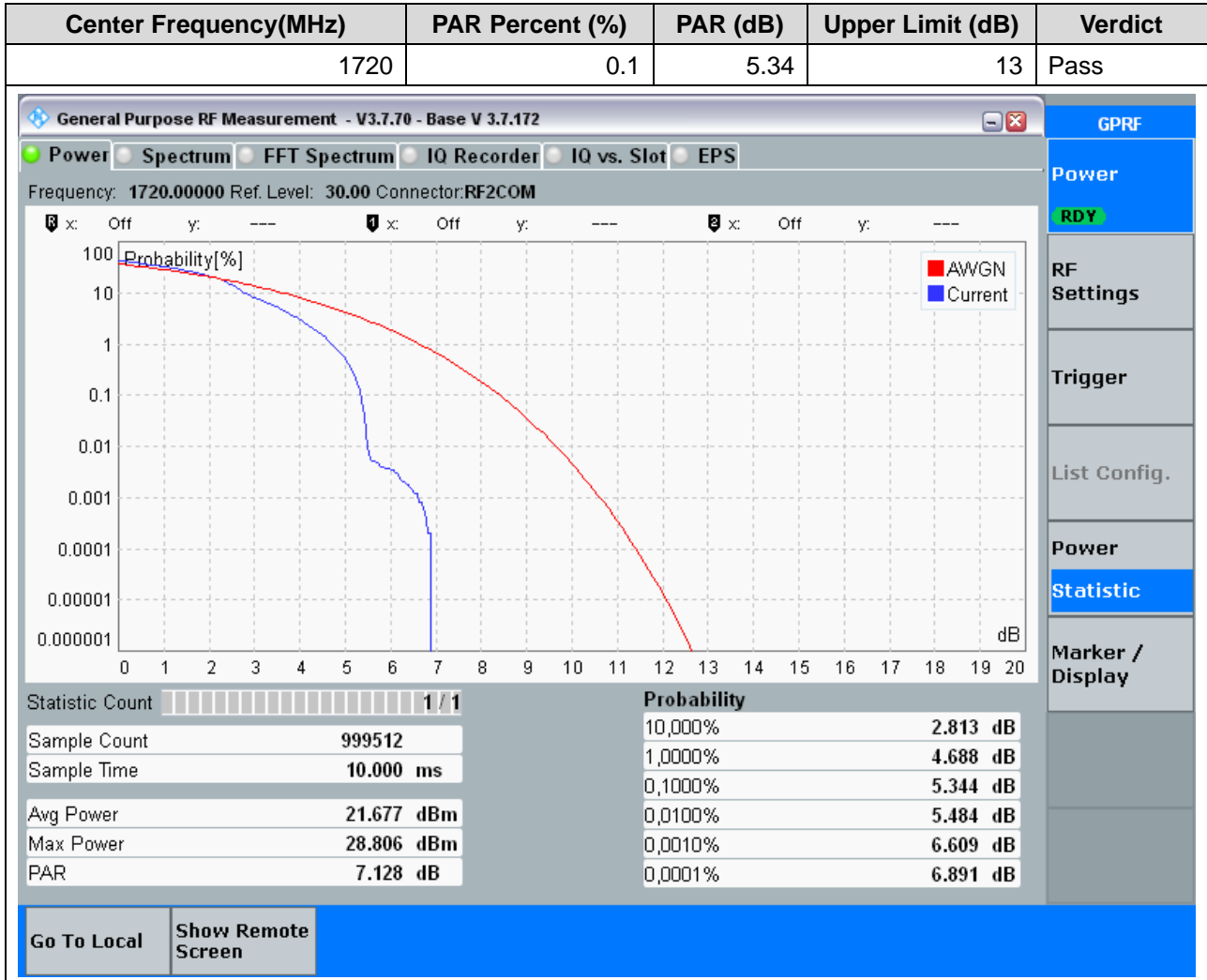
11.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



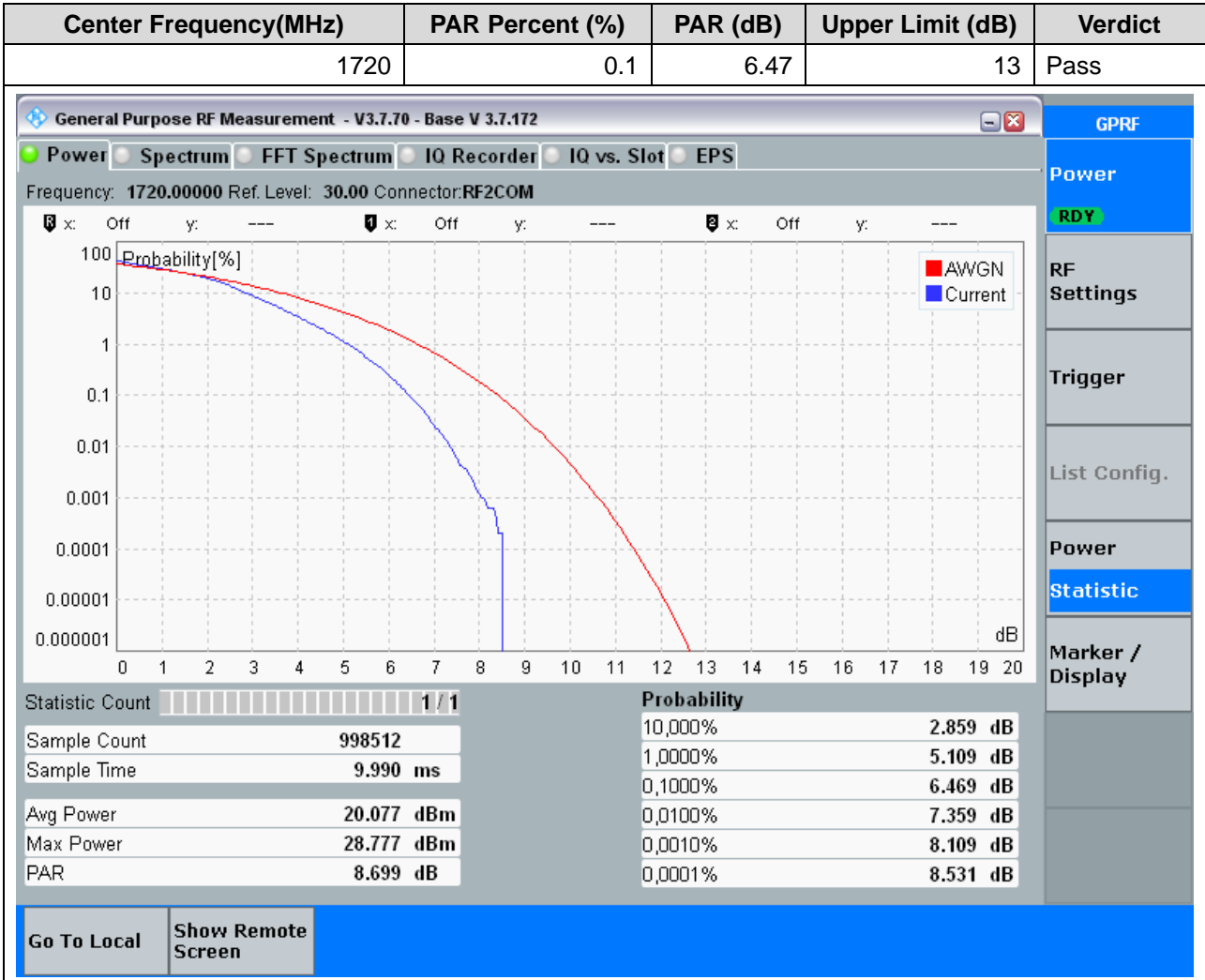
11.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



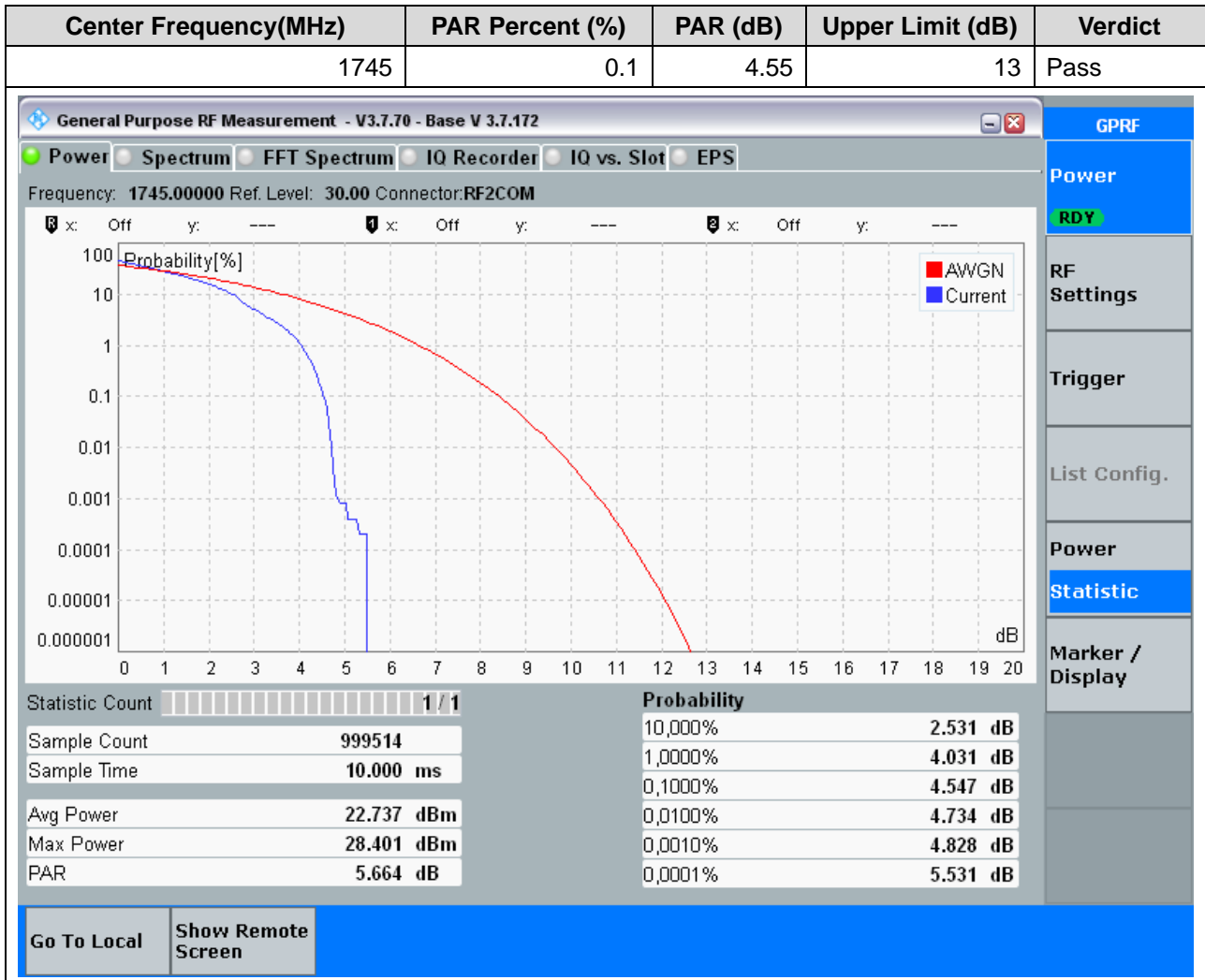
11.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



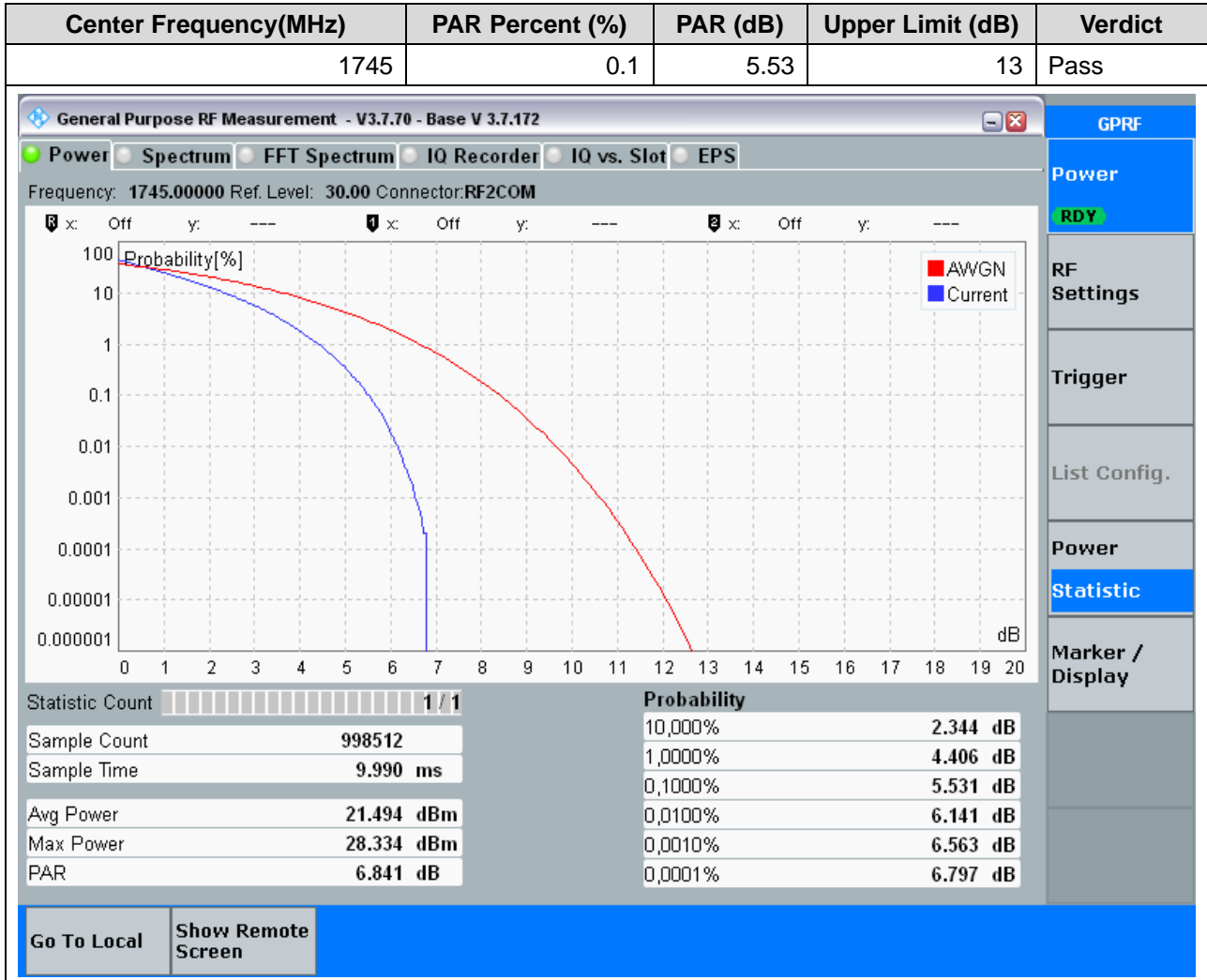
11.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



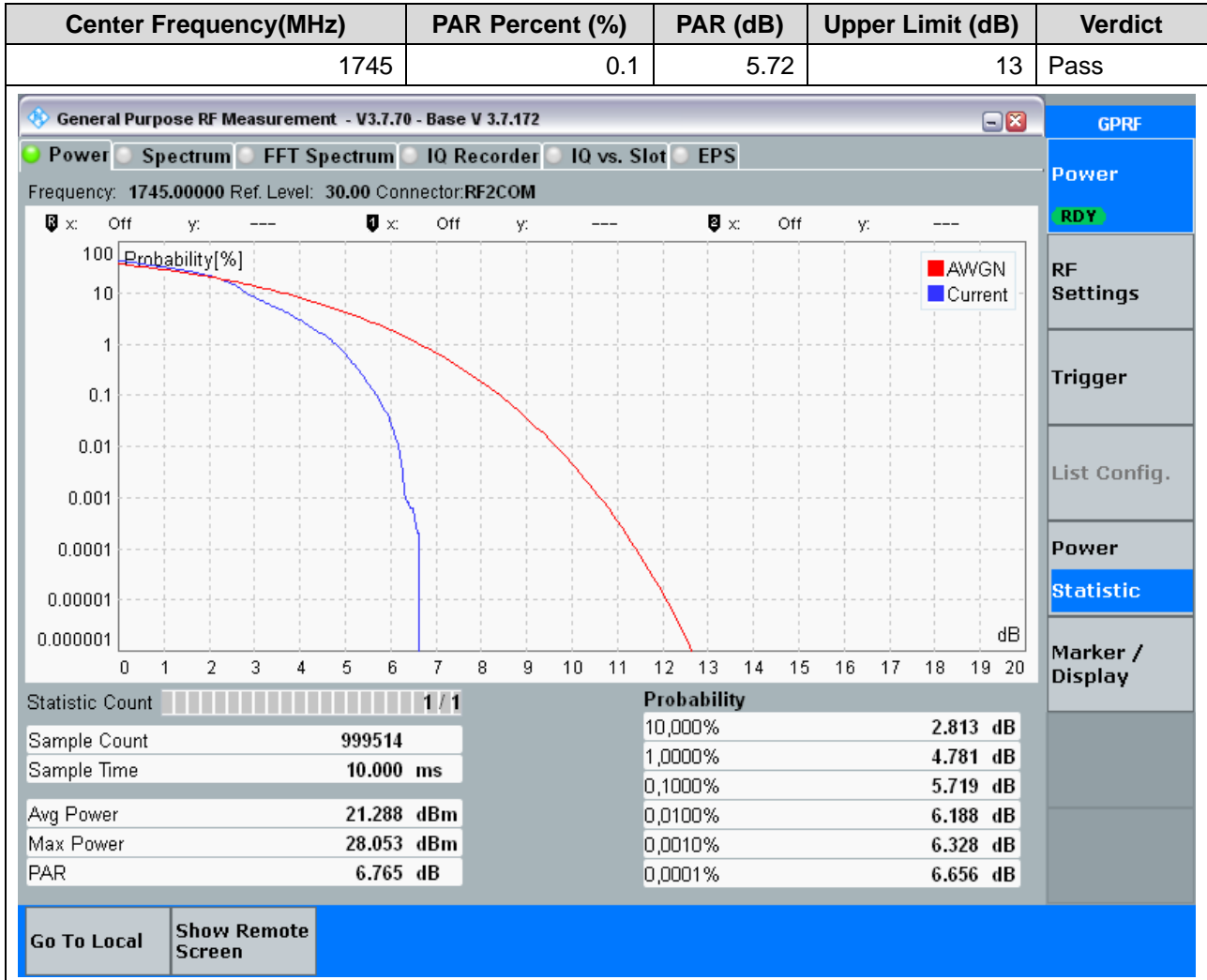
11.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



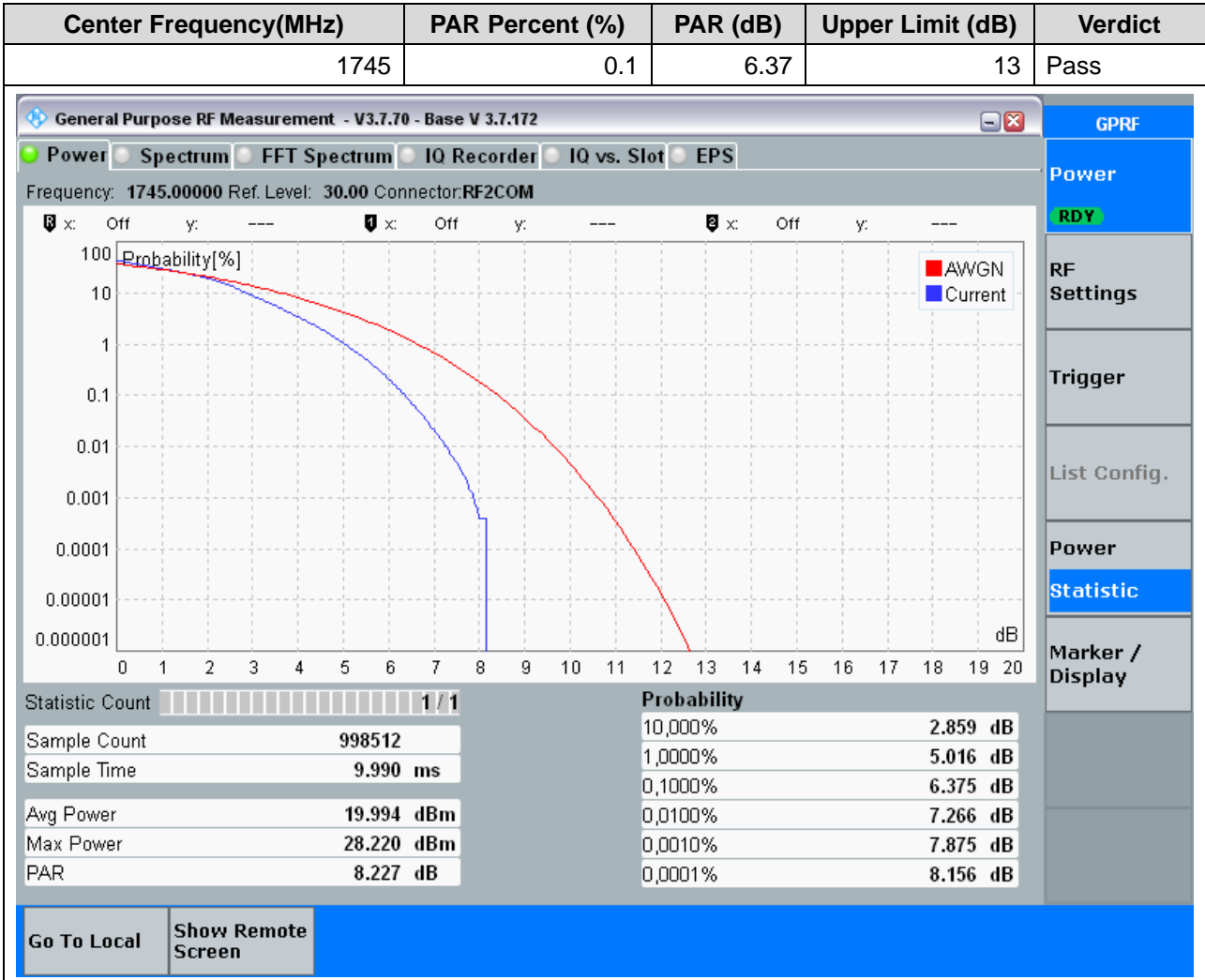
11.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



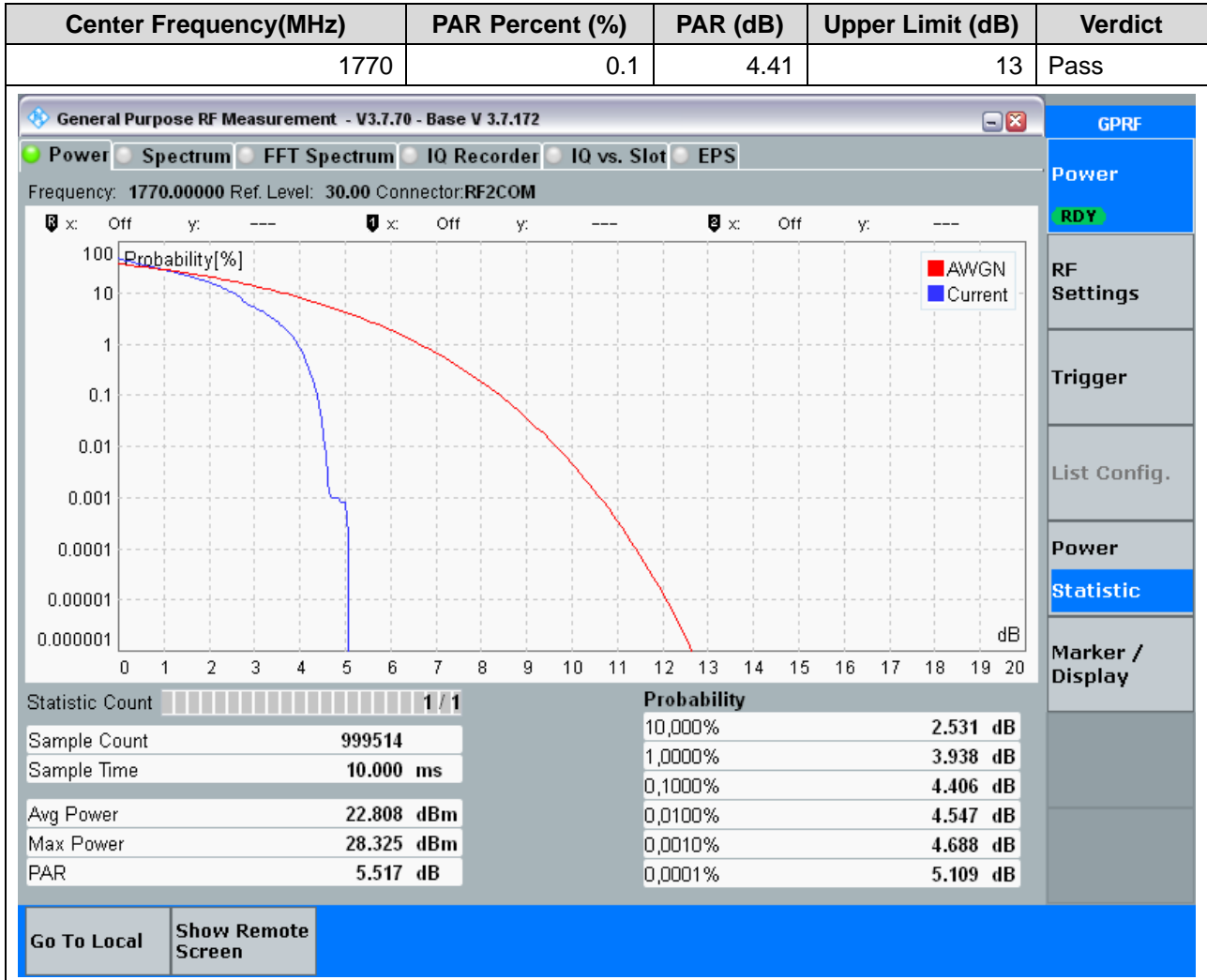
11.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



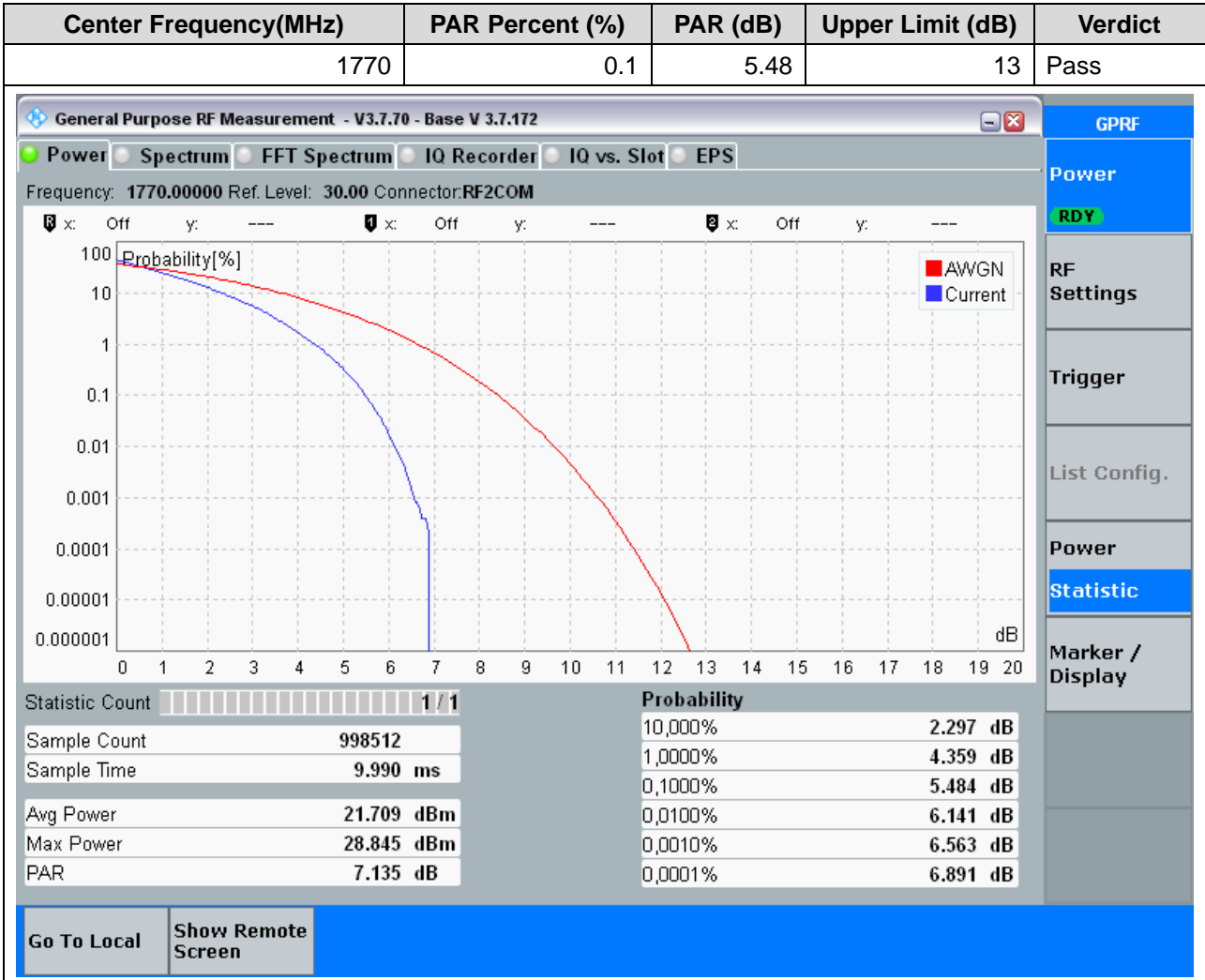
11.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



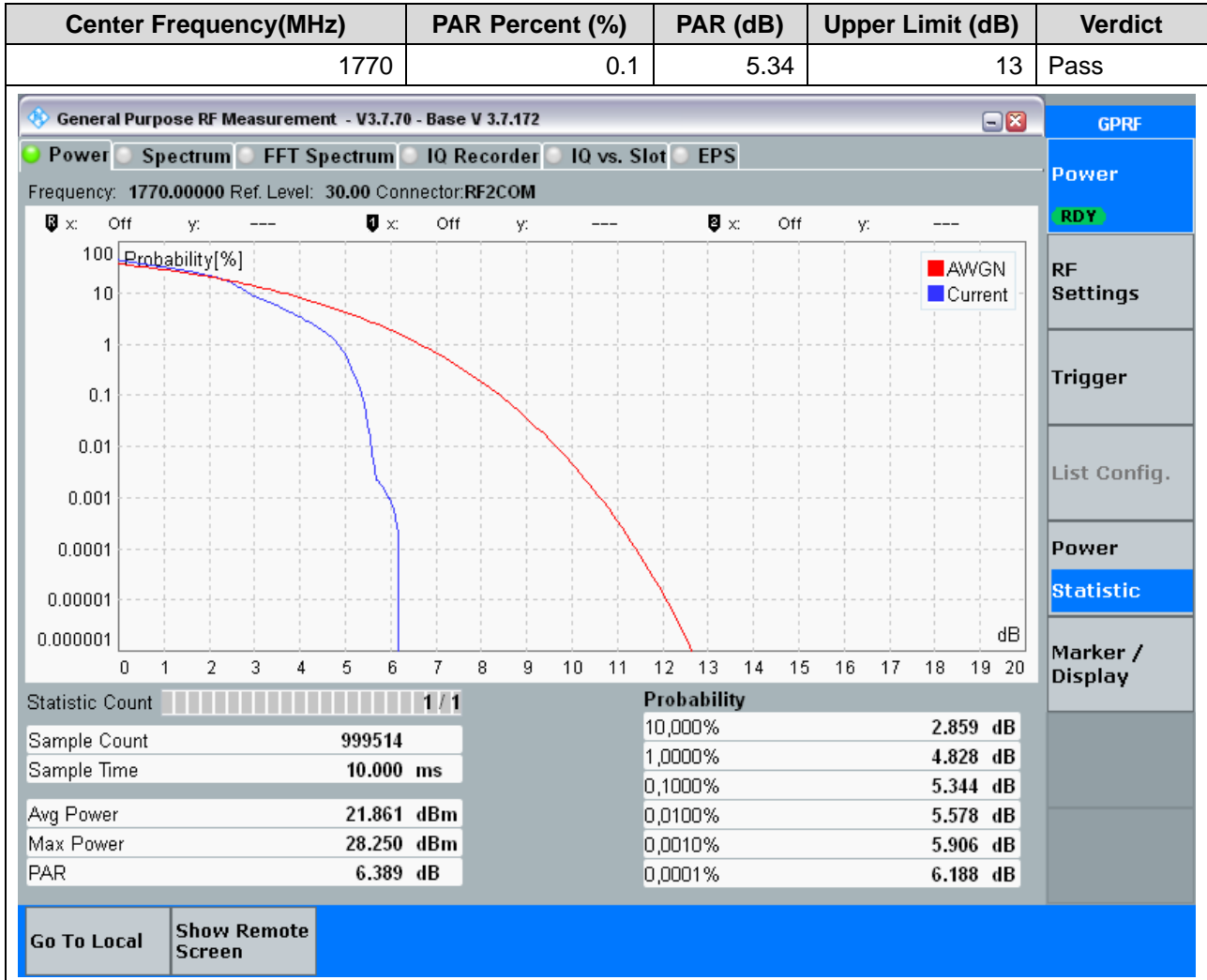
11.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



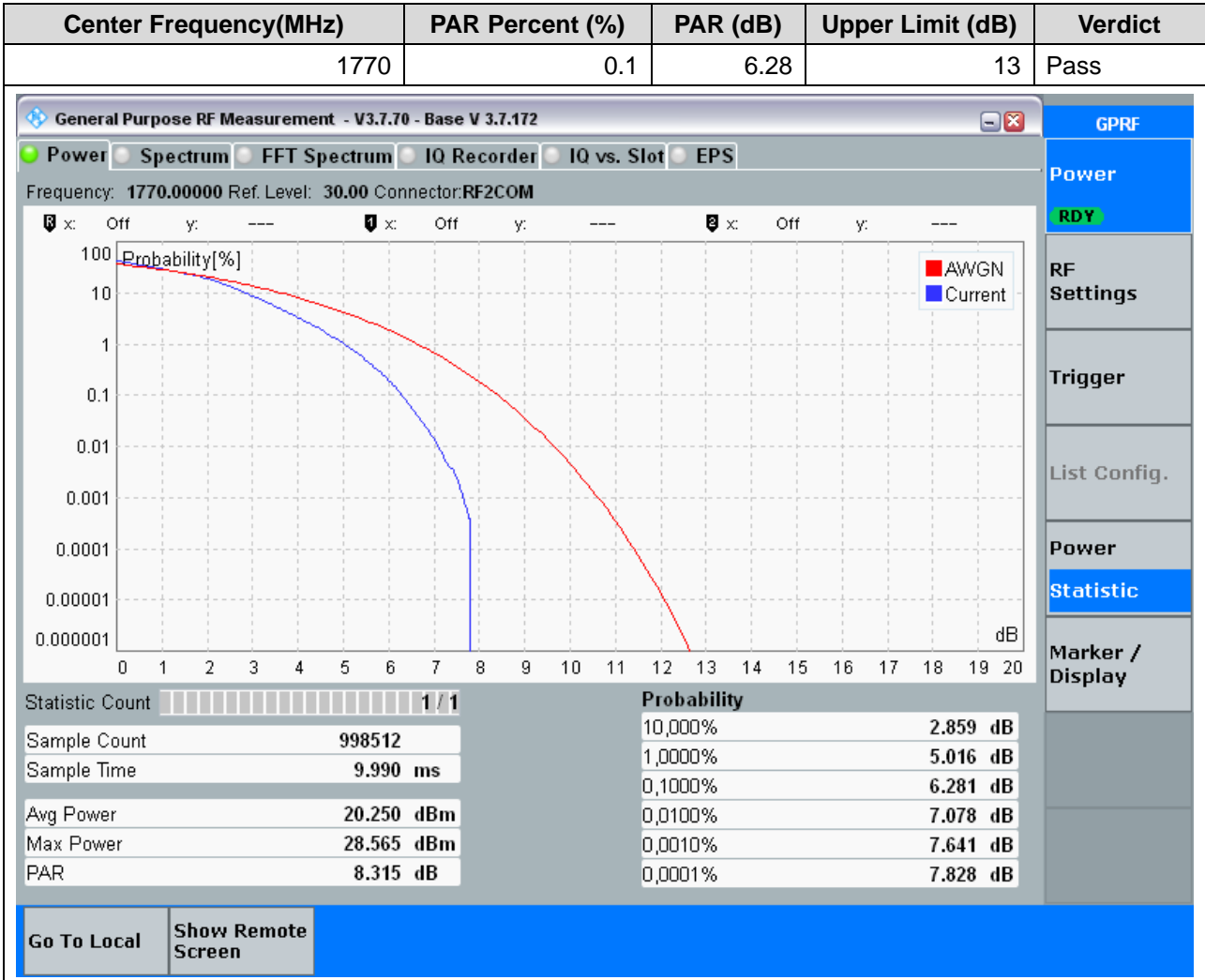
11.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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



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



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