

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	3	13	Pass

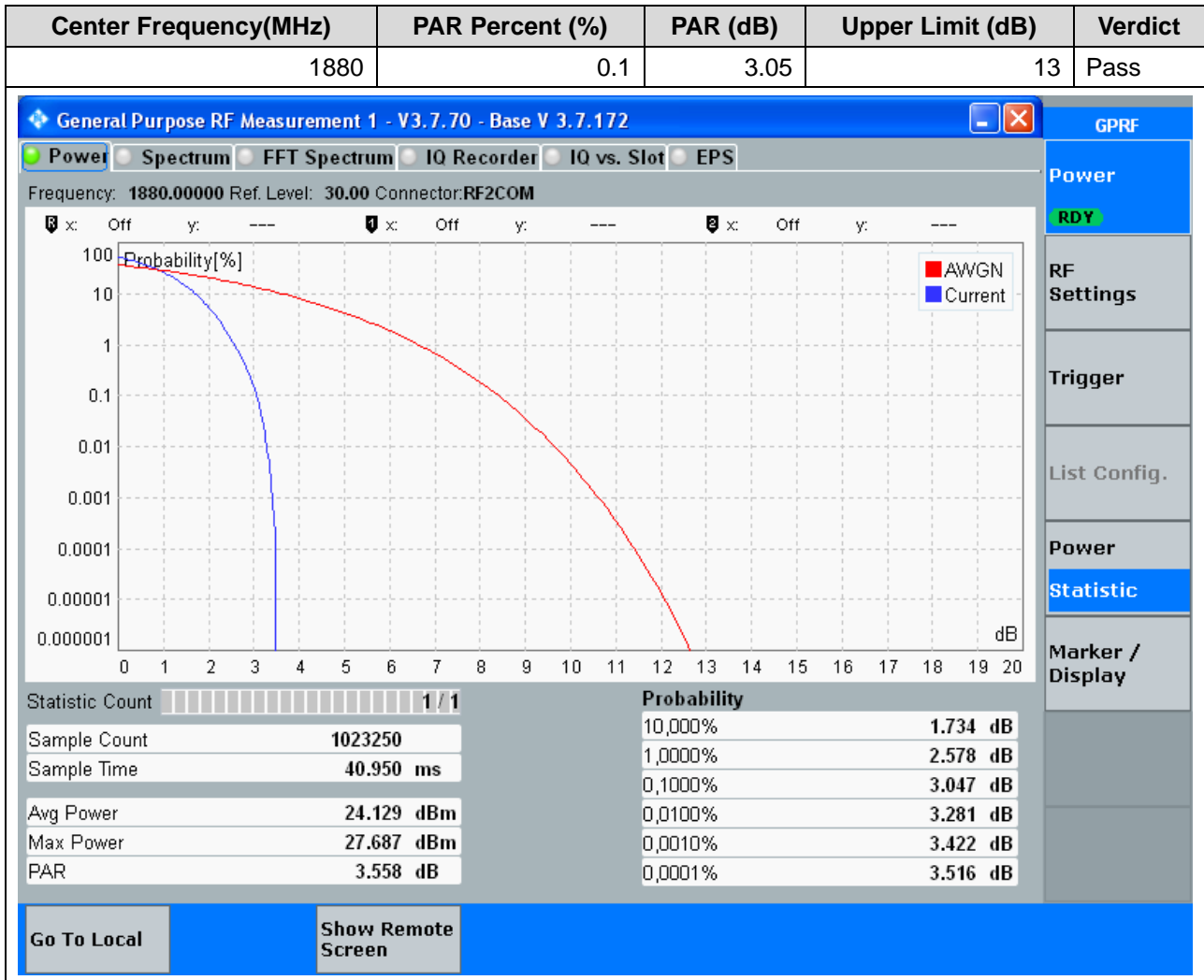
General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172

Frequency: 1852.40000 Ref. Level: 30.00 Connector:RF2COM

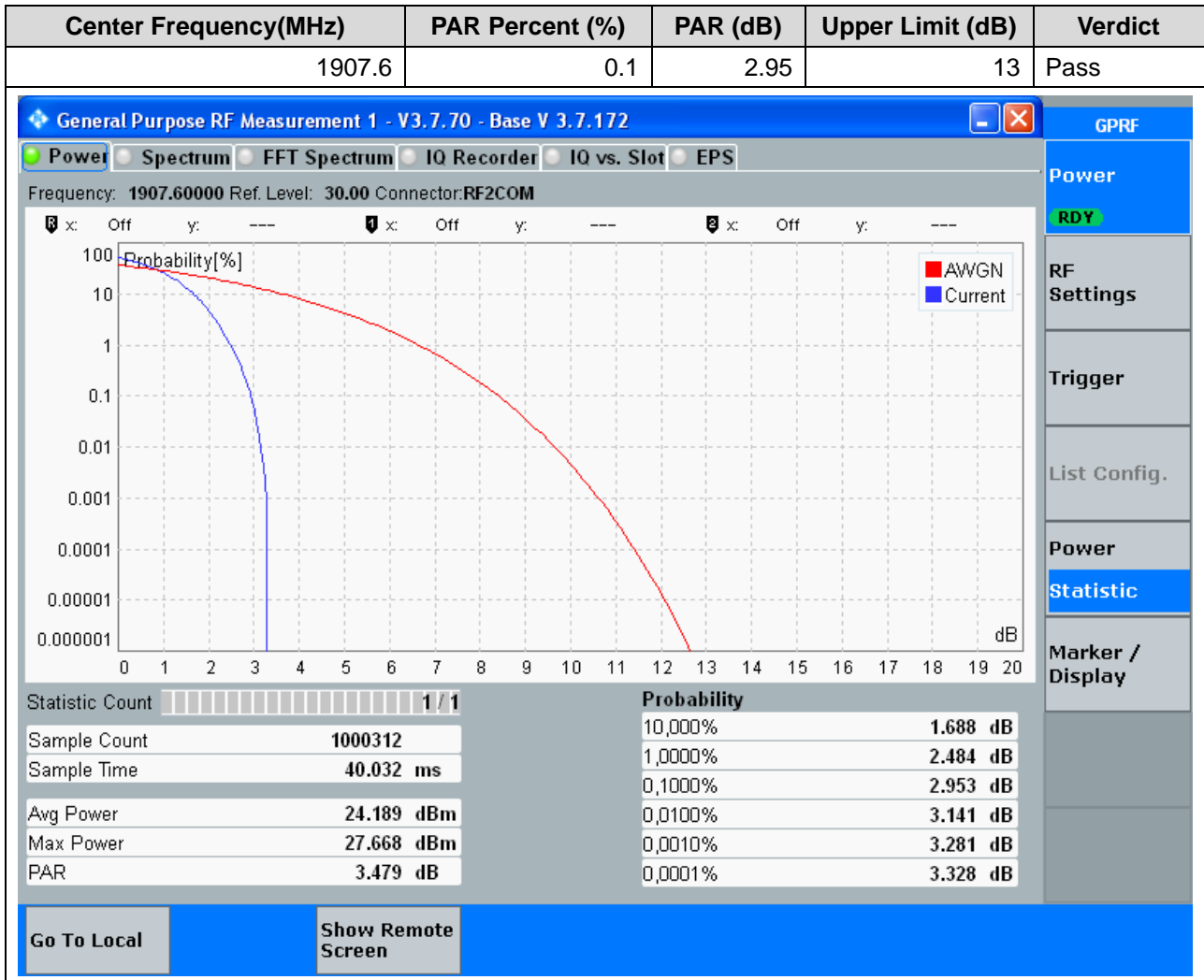
Statistic Count	Value	Probability	Value
Sample Count	999514	10,000%	1.688 dB
Sample Time	40.000 ms	1,0000%	2.531 dB
Avg Power	24.054 dBm	0,1000%	3.000 dB
Max Power	27.486 dBm	0,0100%	3.328 dB
PAR	3.432 dB	0,0001%	3.375 dB

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

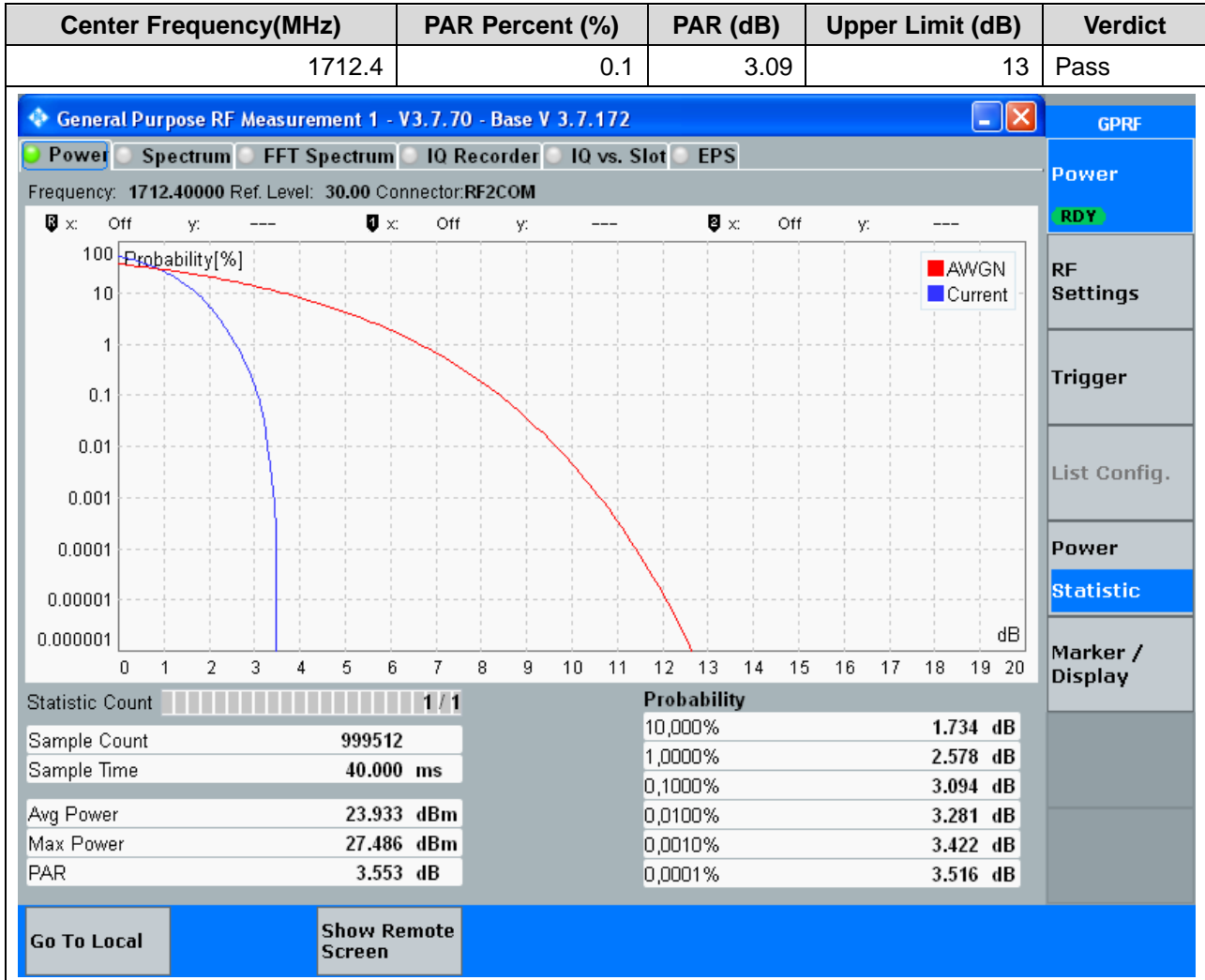


1.3. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9538)

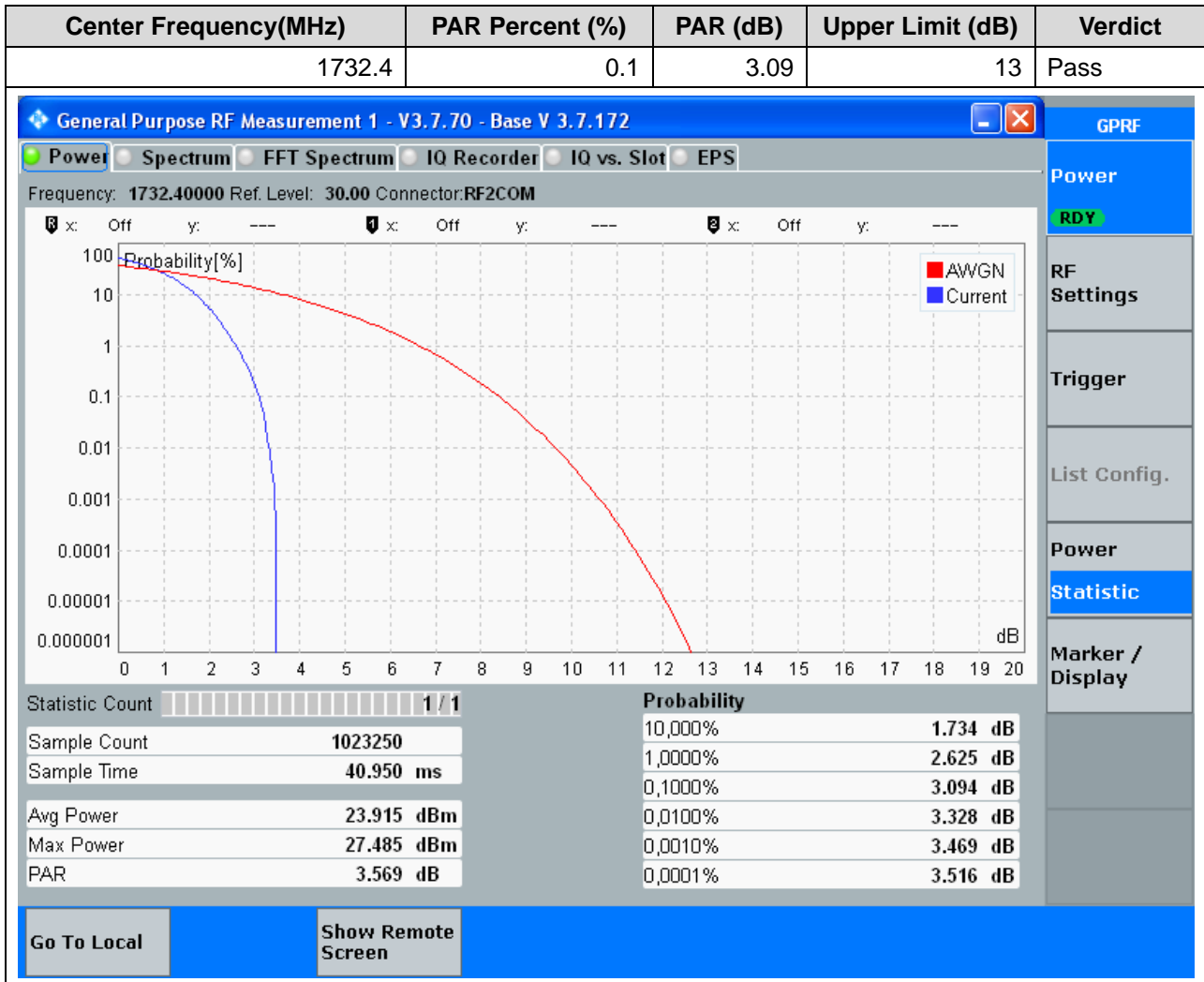


2. WCDMA_Band4

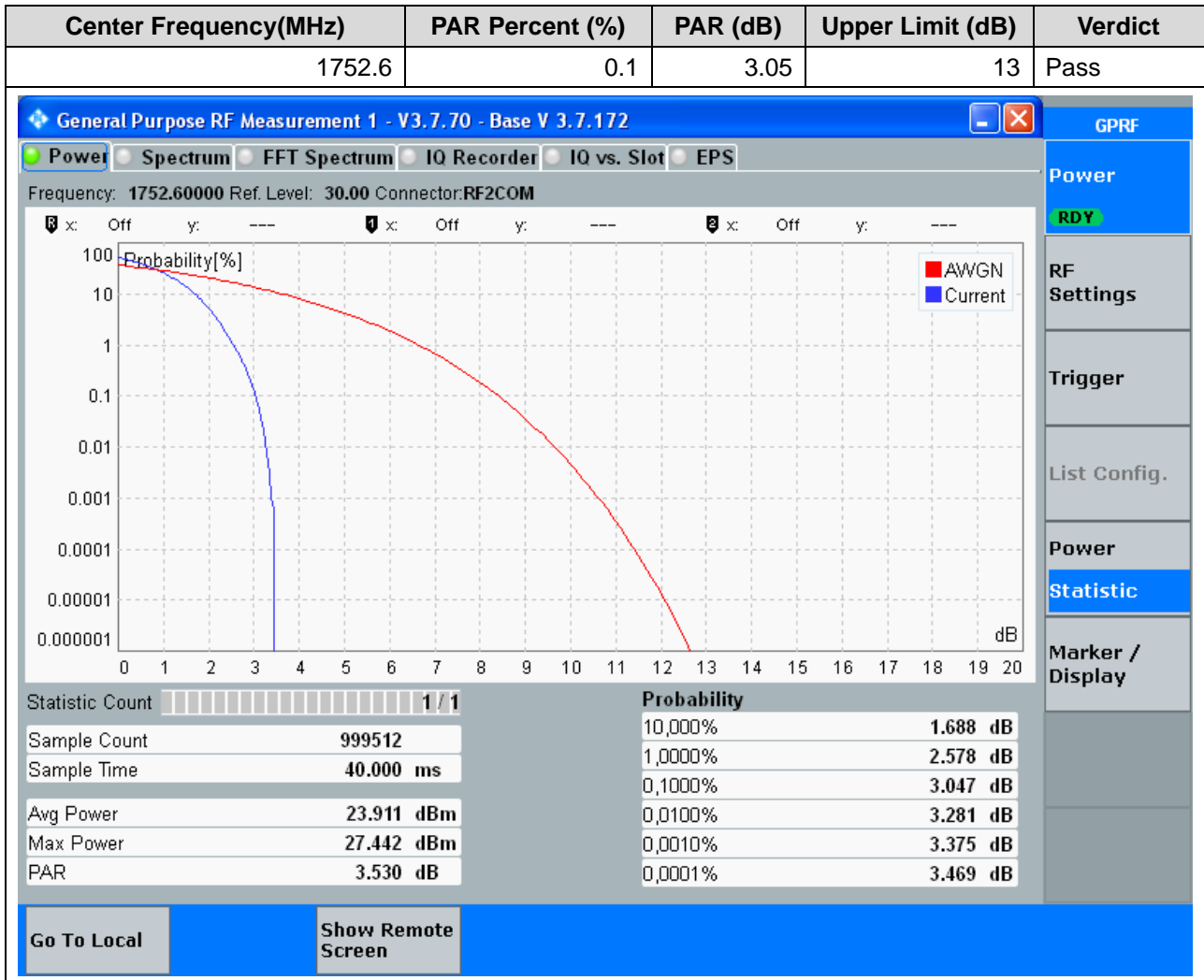
2.1. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:1312)



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

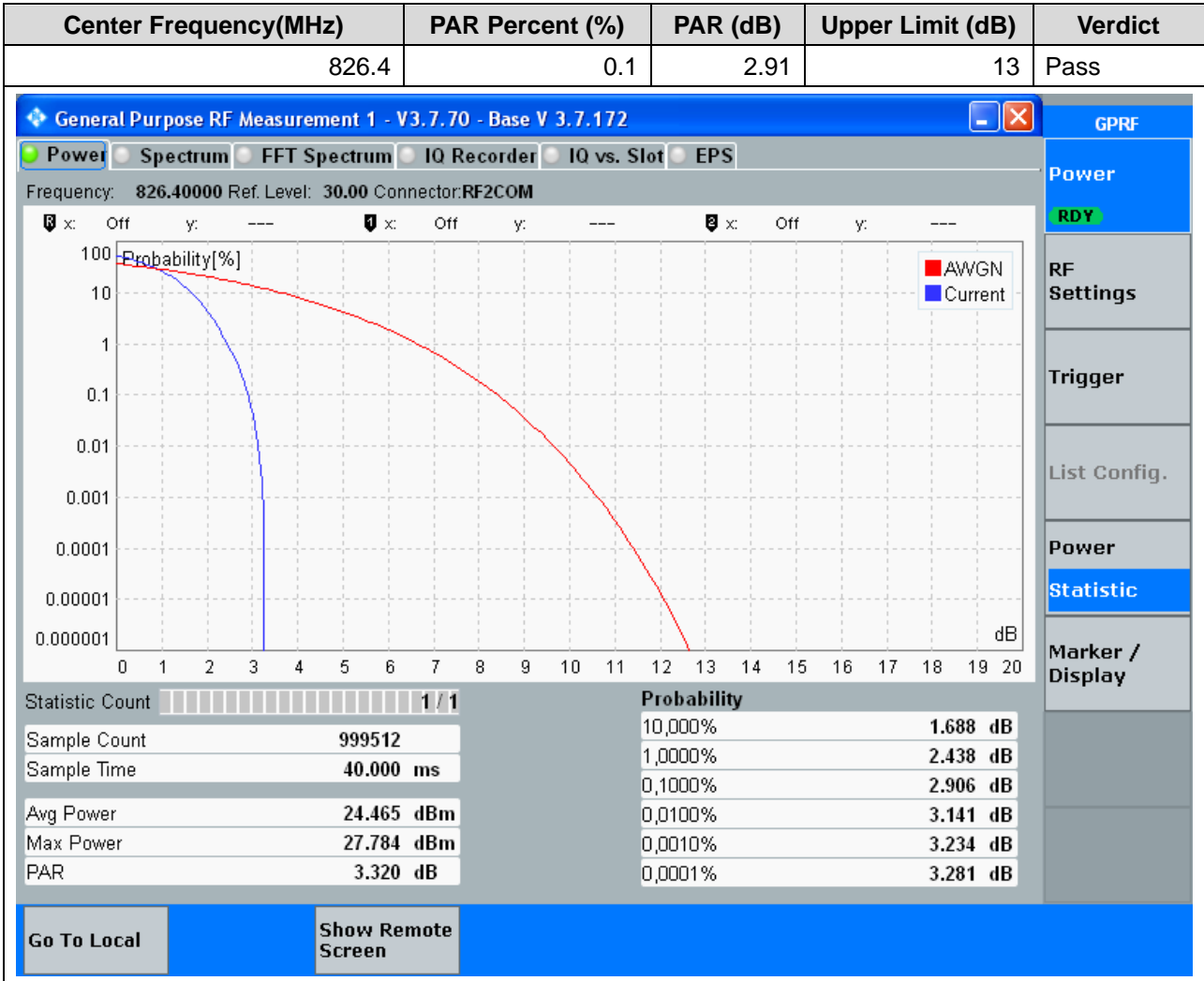


2.3. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:1513)

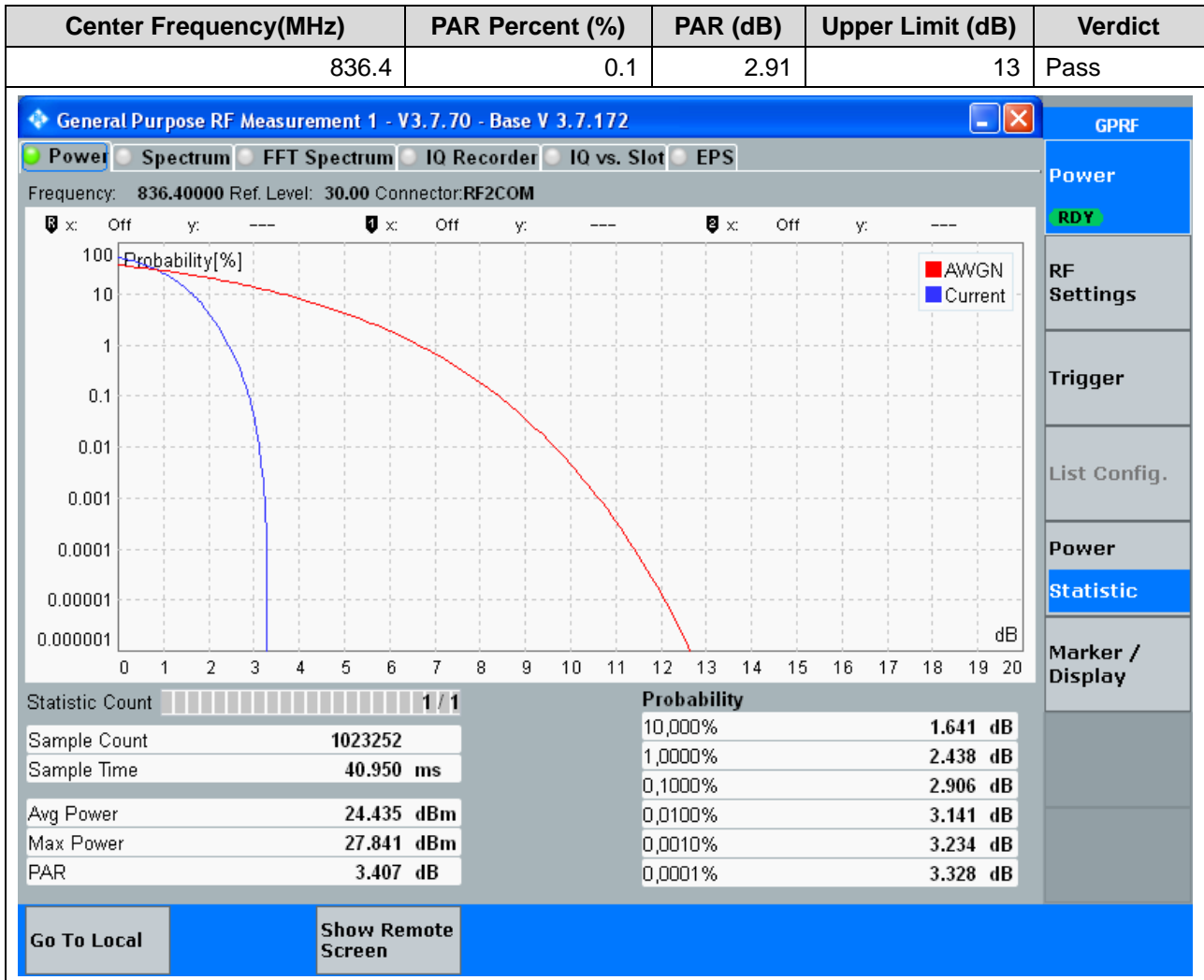


3. WCDMA_Band5

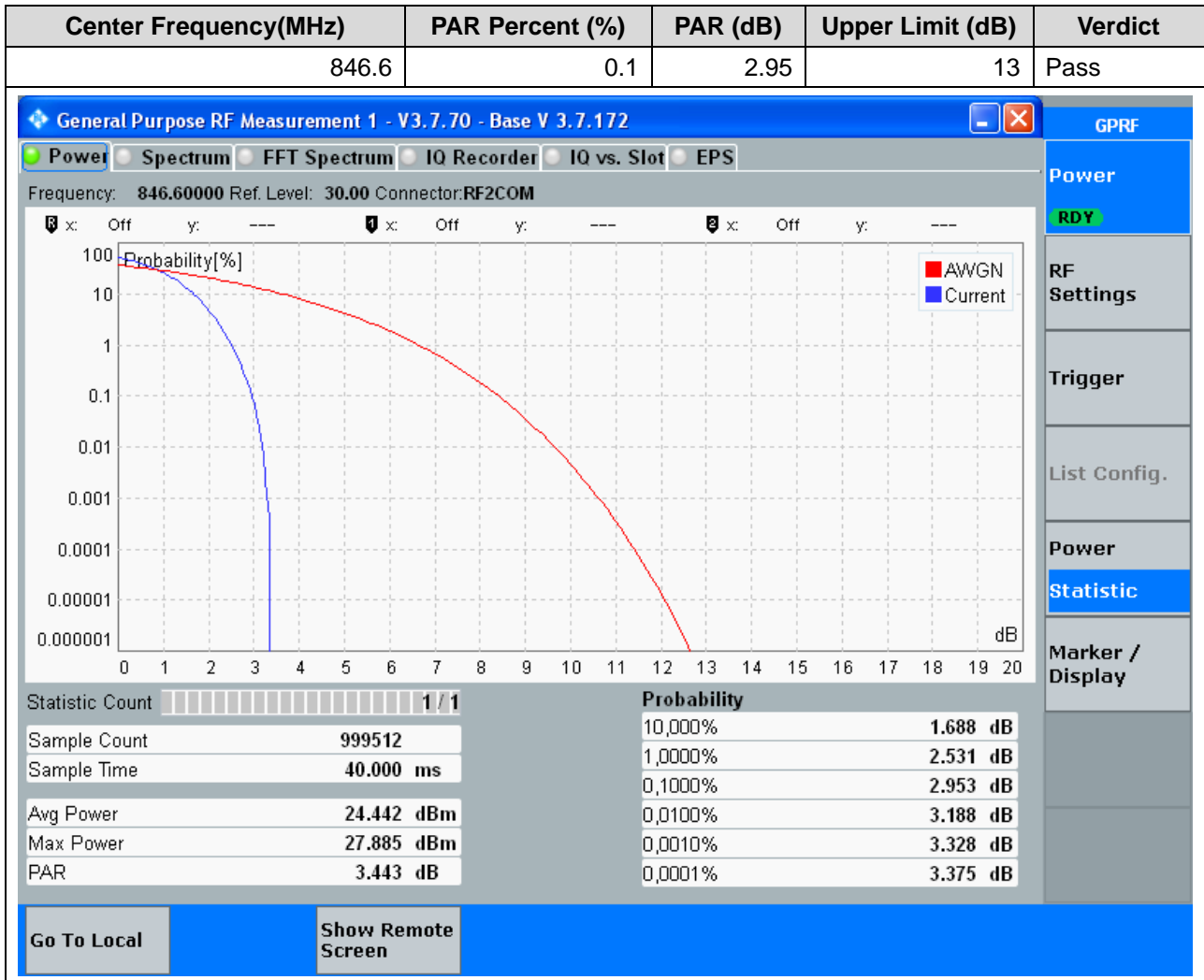
3.1. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:4132)



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

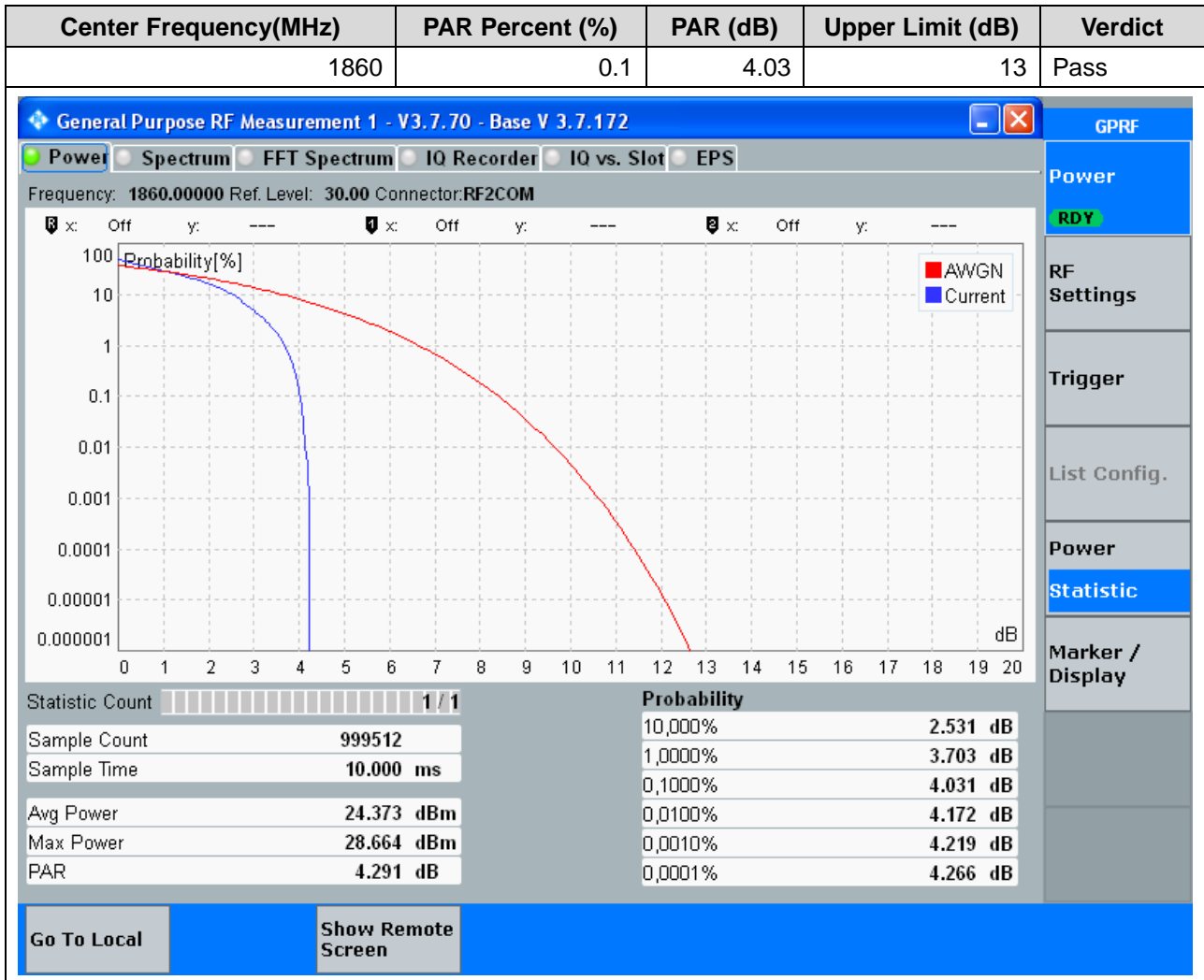


3.3. WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:4233)

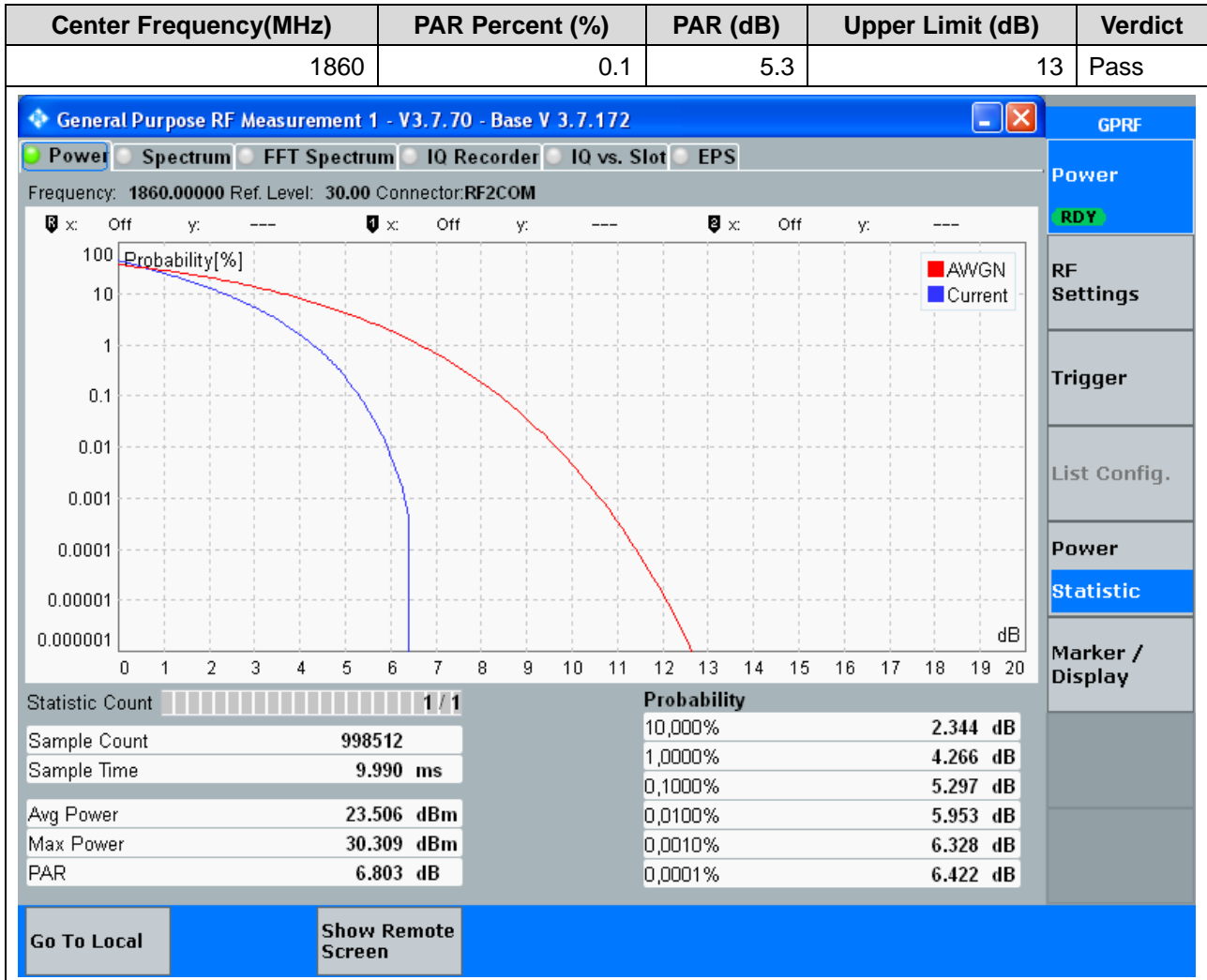


1. LTE_Band2

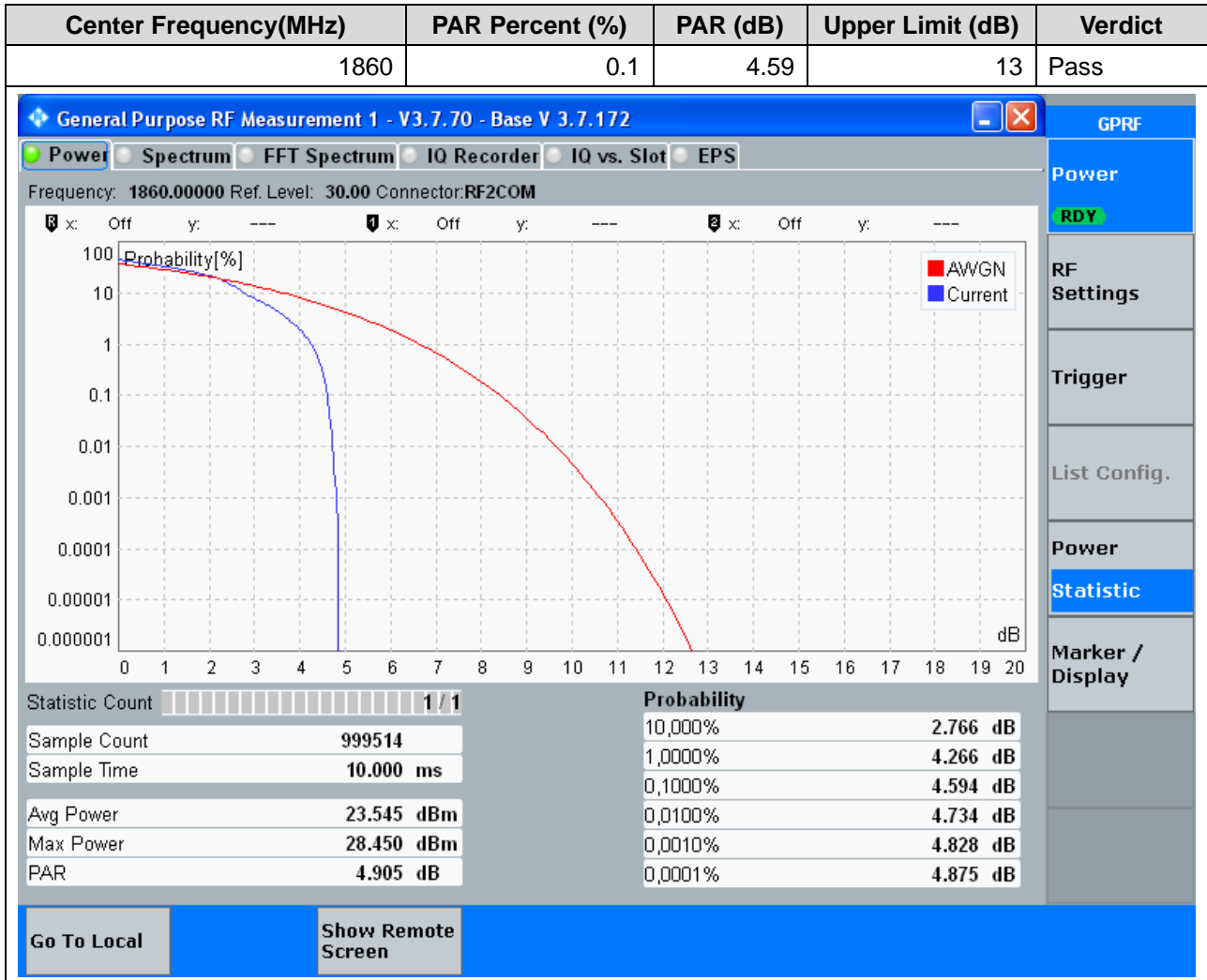
1.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



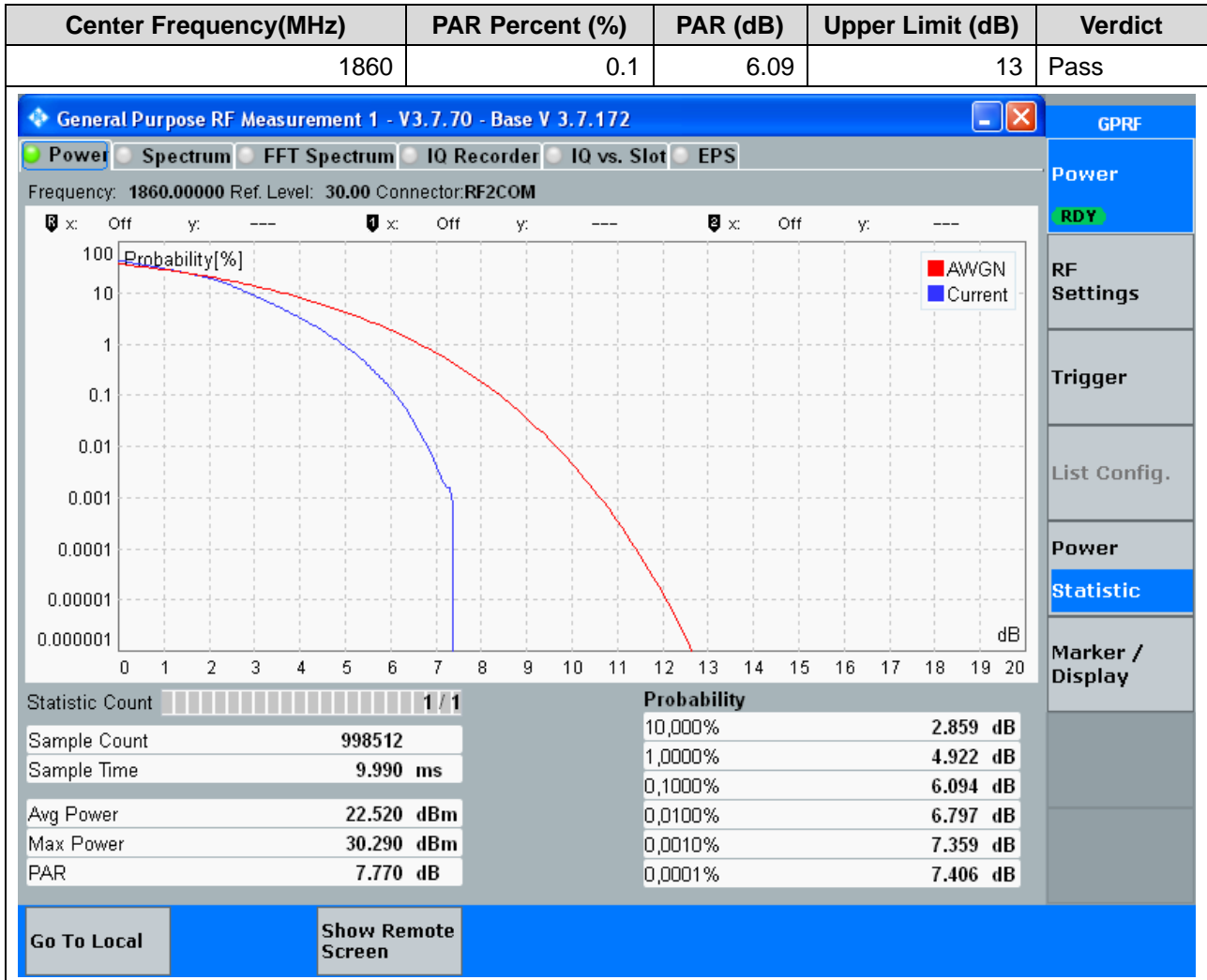
1.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



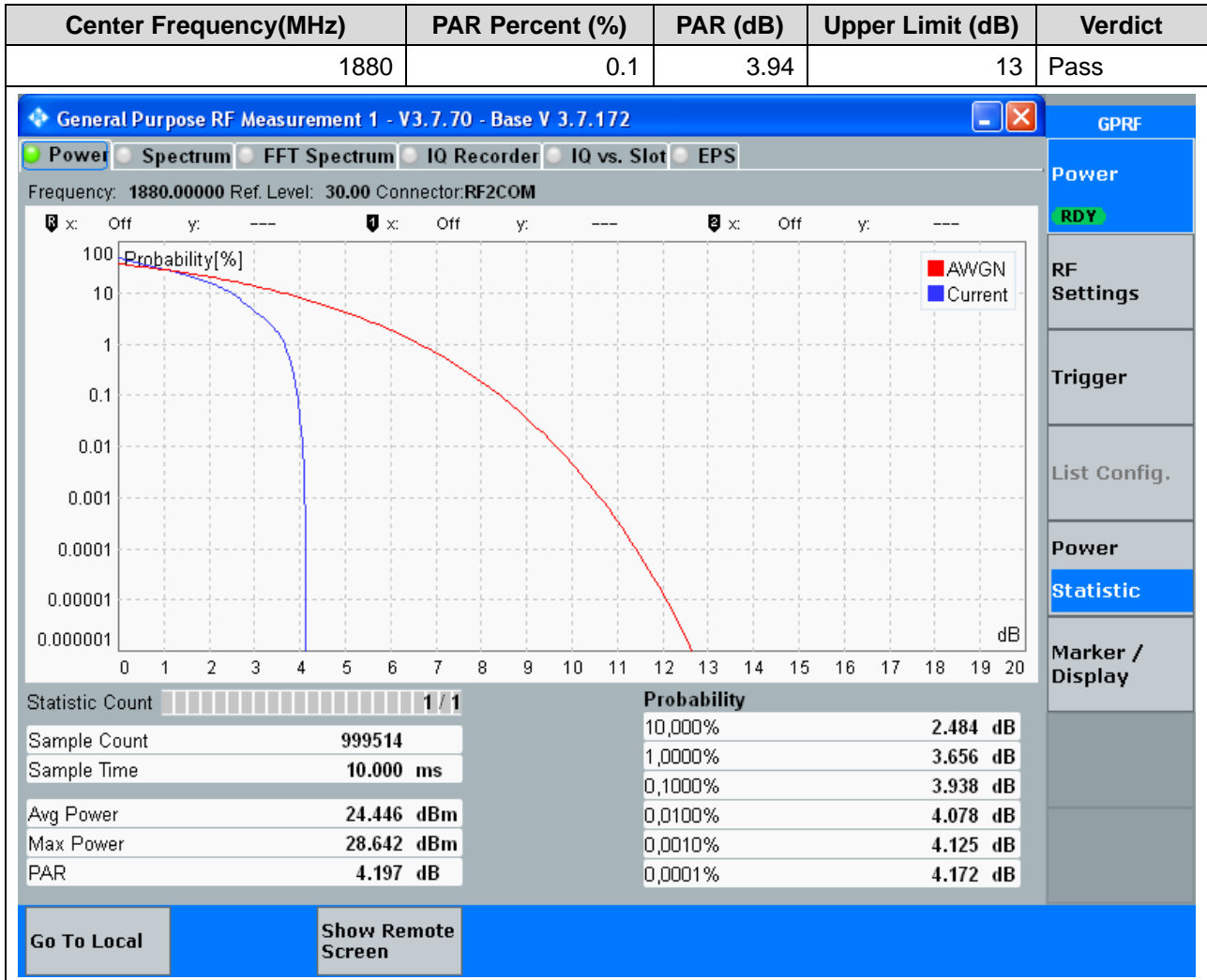
1.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



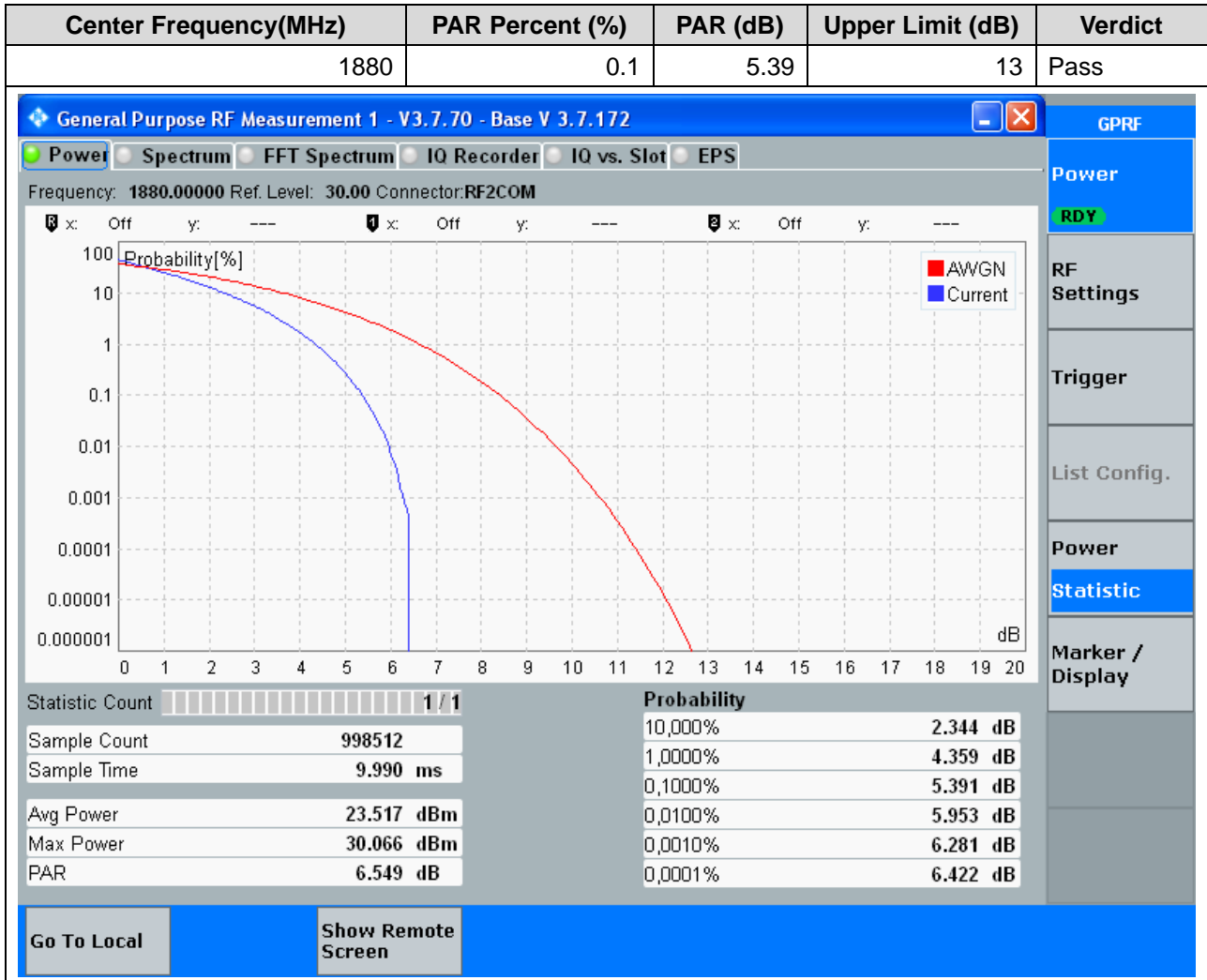
1.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



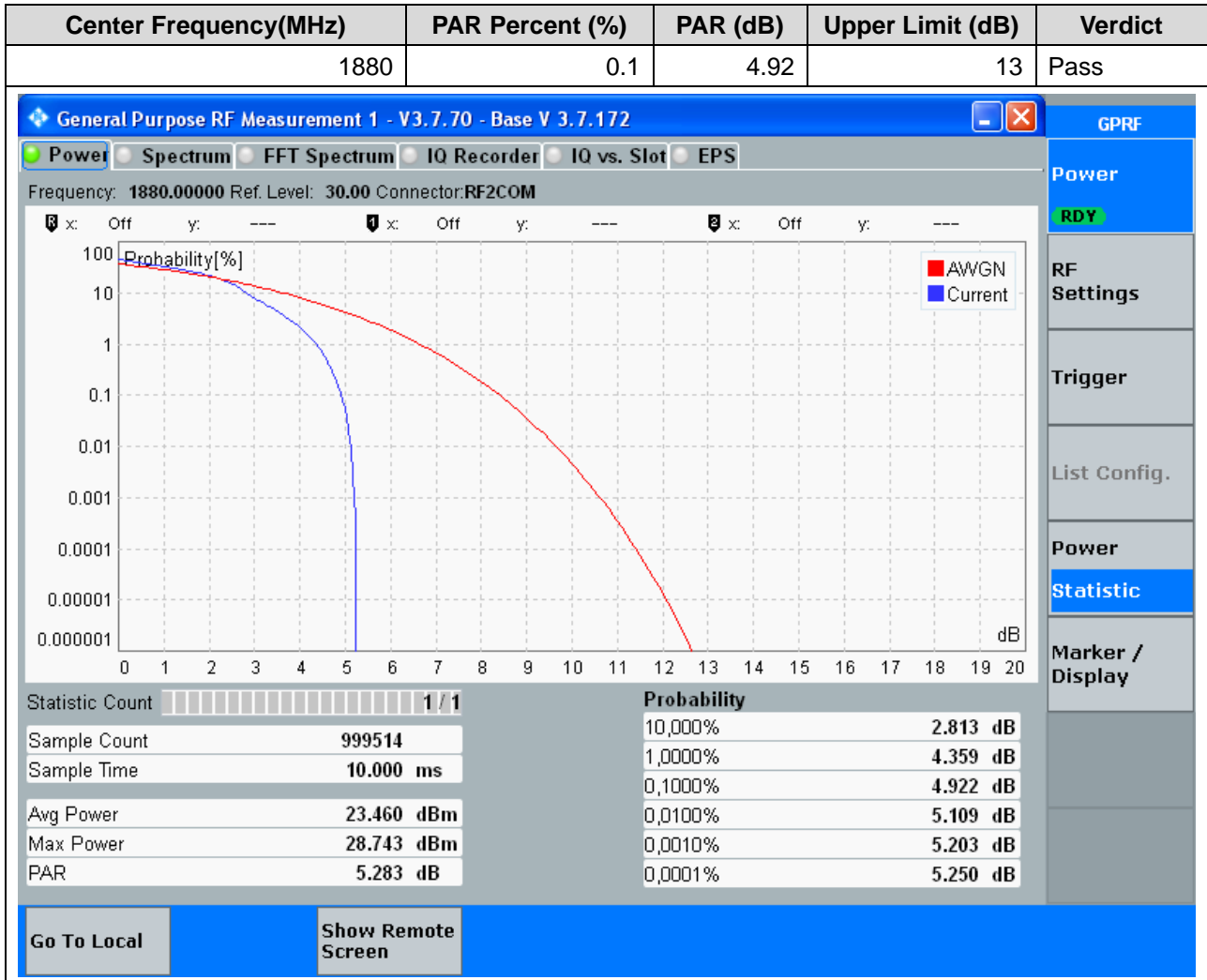
1.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



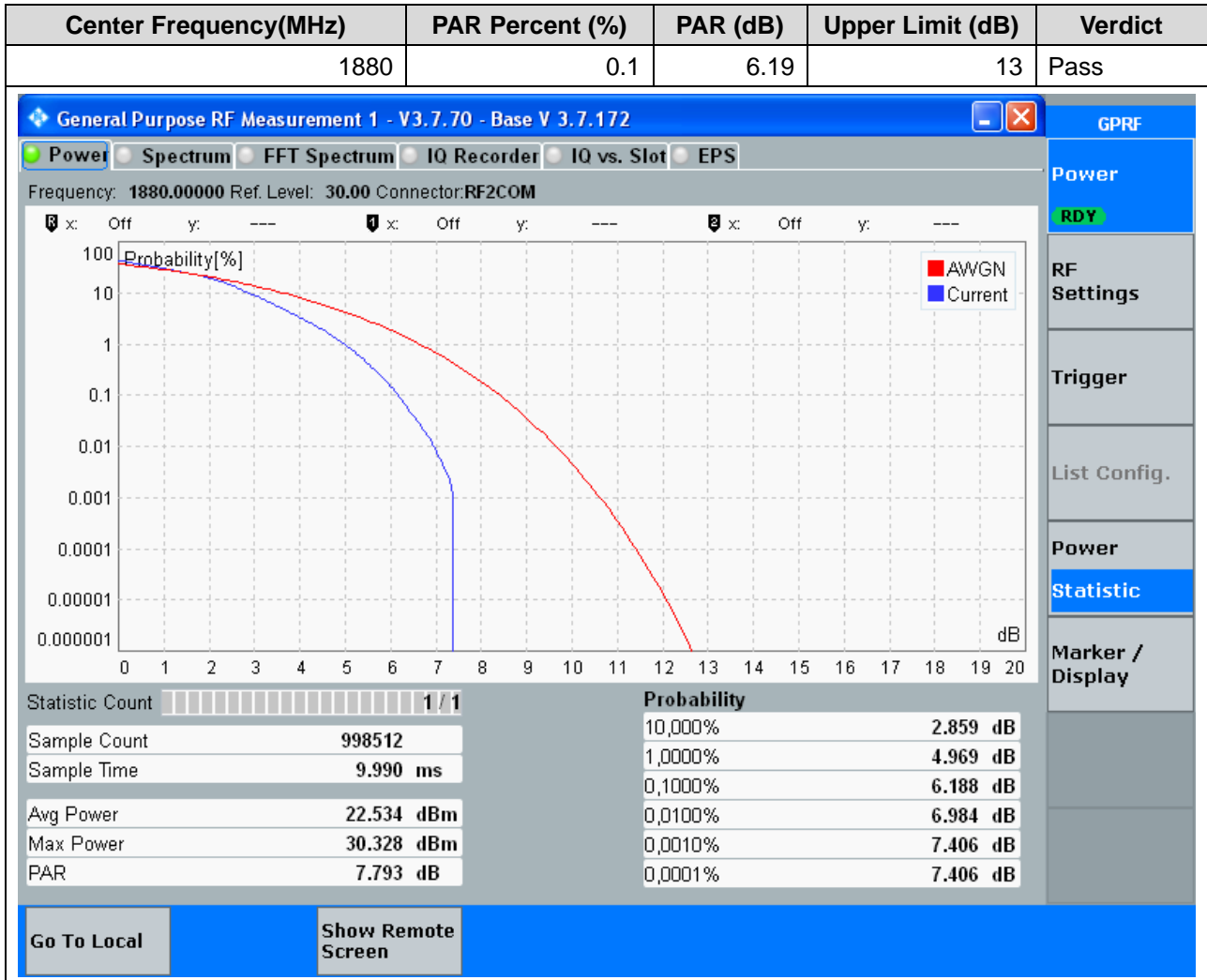
1.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



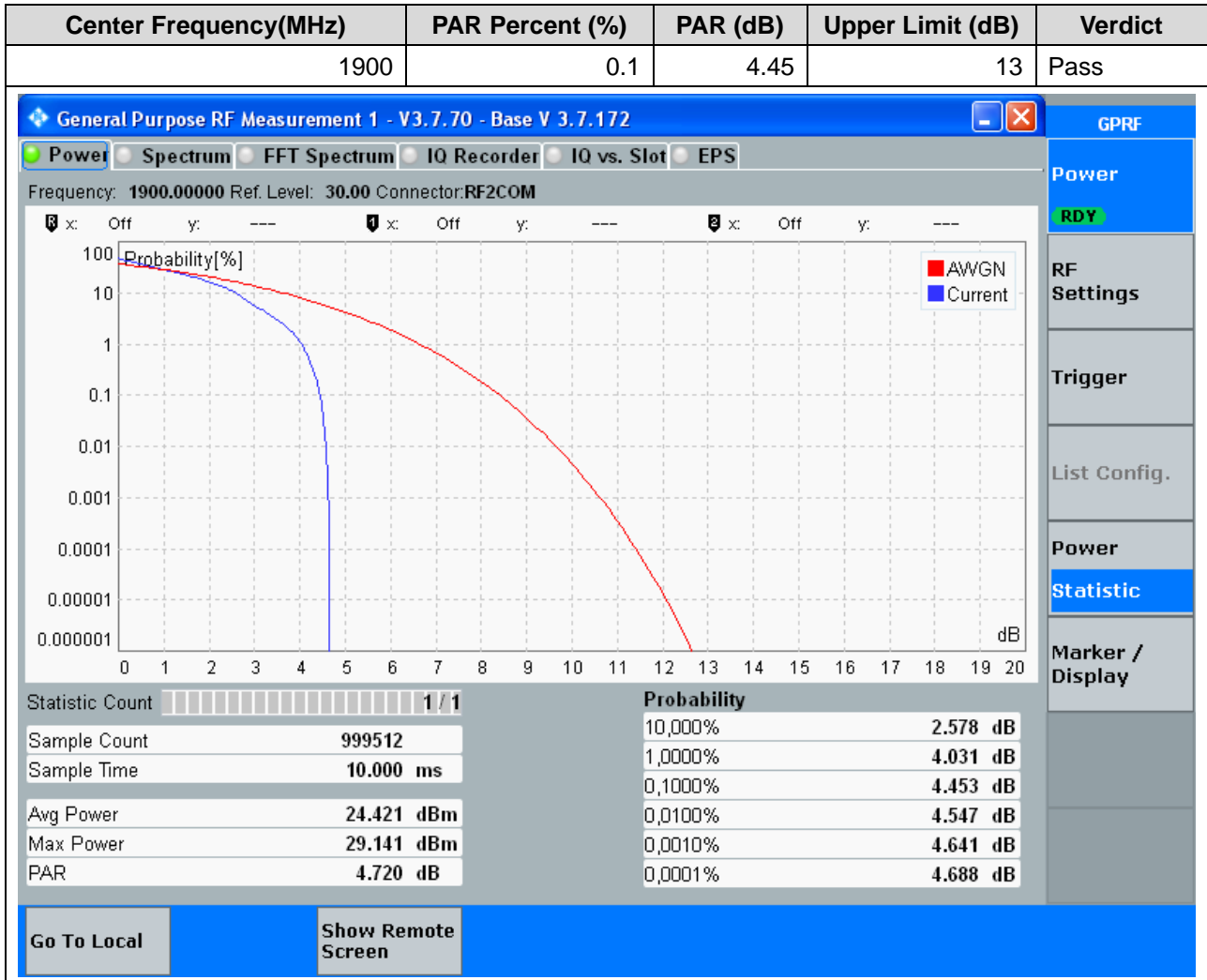
1.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



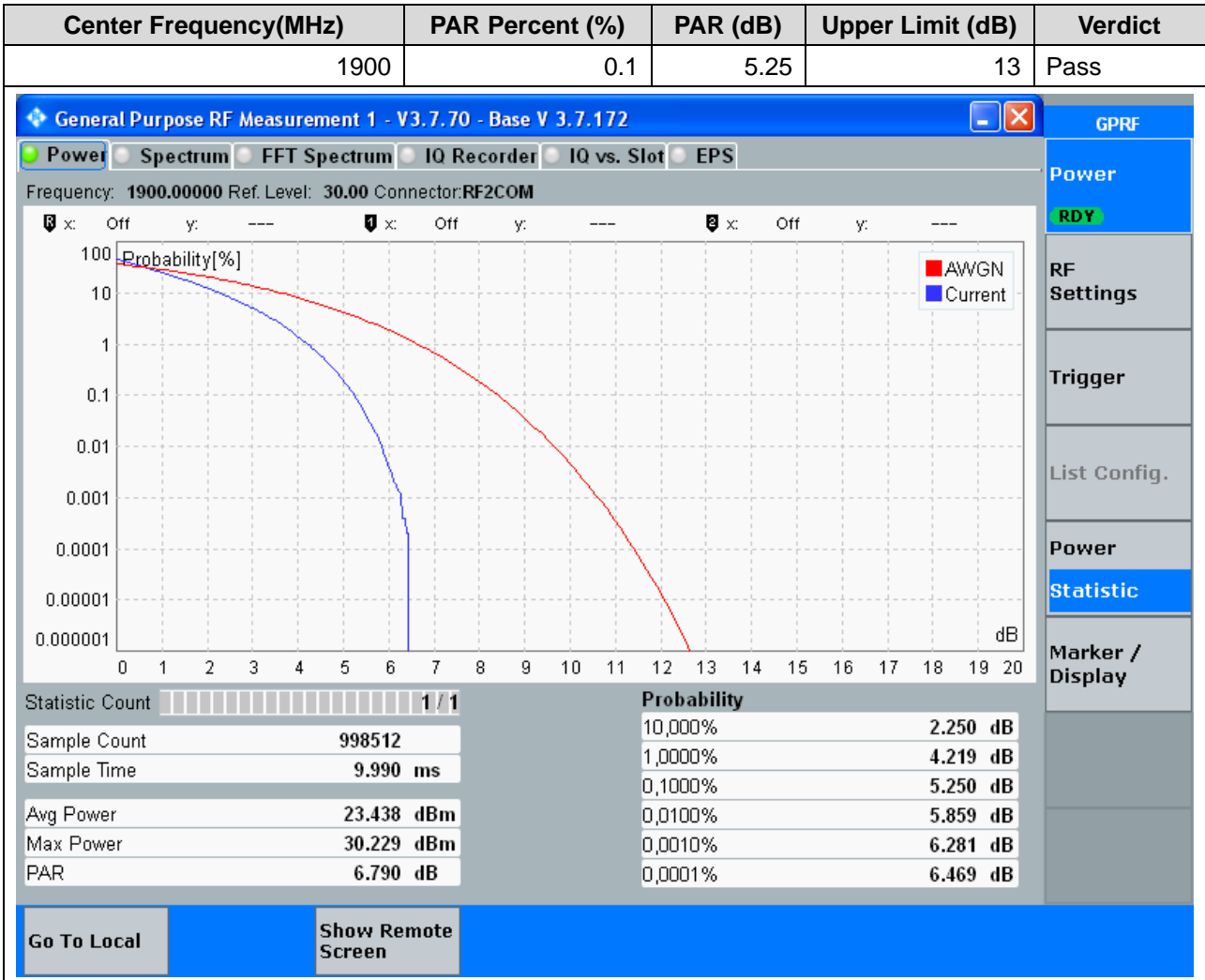
1.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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



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

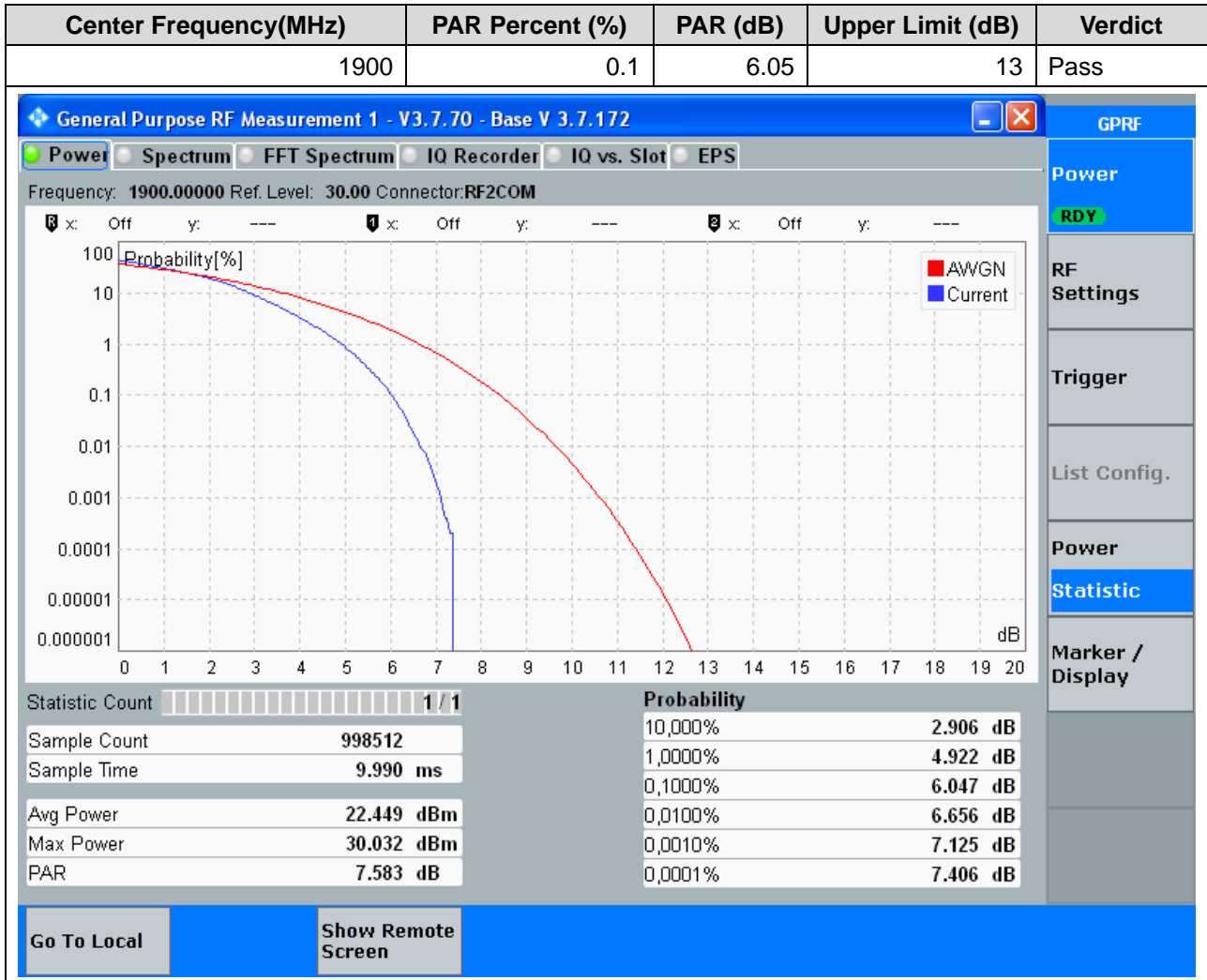


1.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	5.44	13	Pass

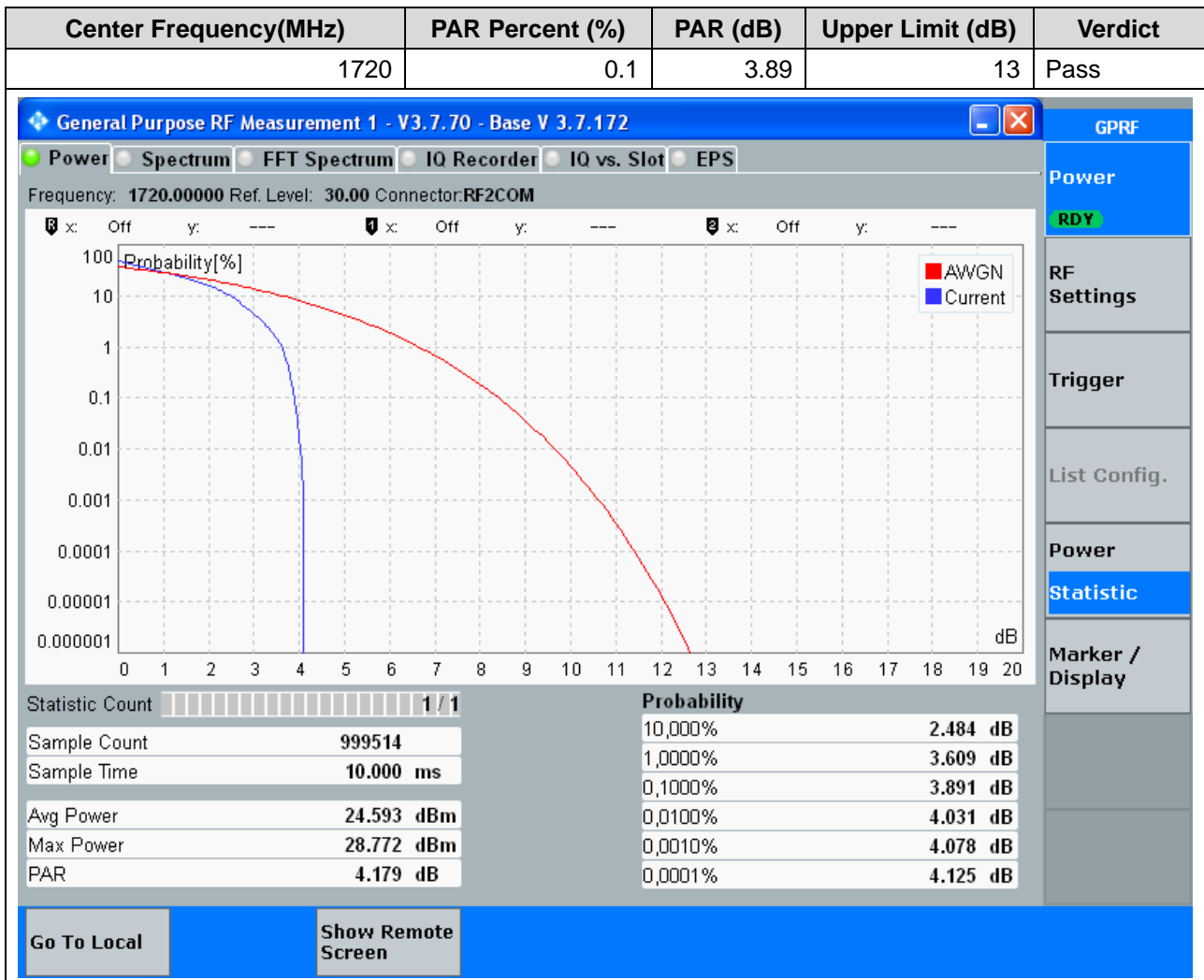
Statistic Count	Probability	Value
Sample Count	10,000%	2.906 dB
Sample Time	1,0000%	4.922 dB
Avg Power	0,1000%	5.438 dB
Max Power	0,0100%	5.578 dB
PAR	0,0010%	5.625 dB
	0,0001%	5.672 dB

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



2. LTE_Band4

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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.3	13	Pass

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

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

Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

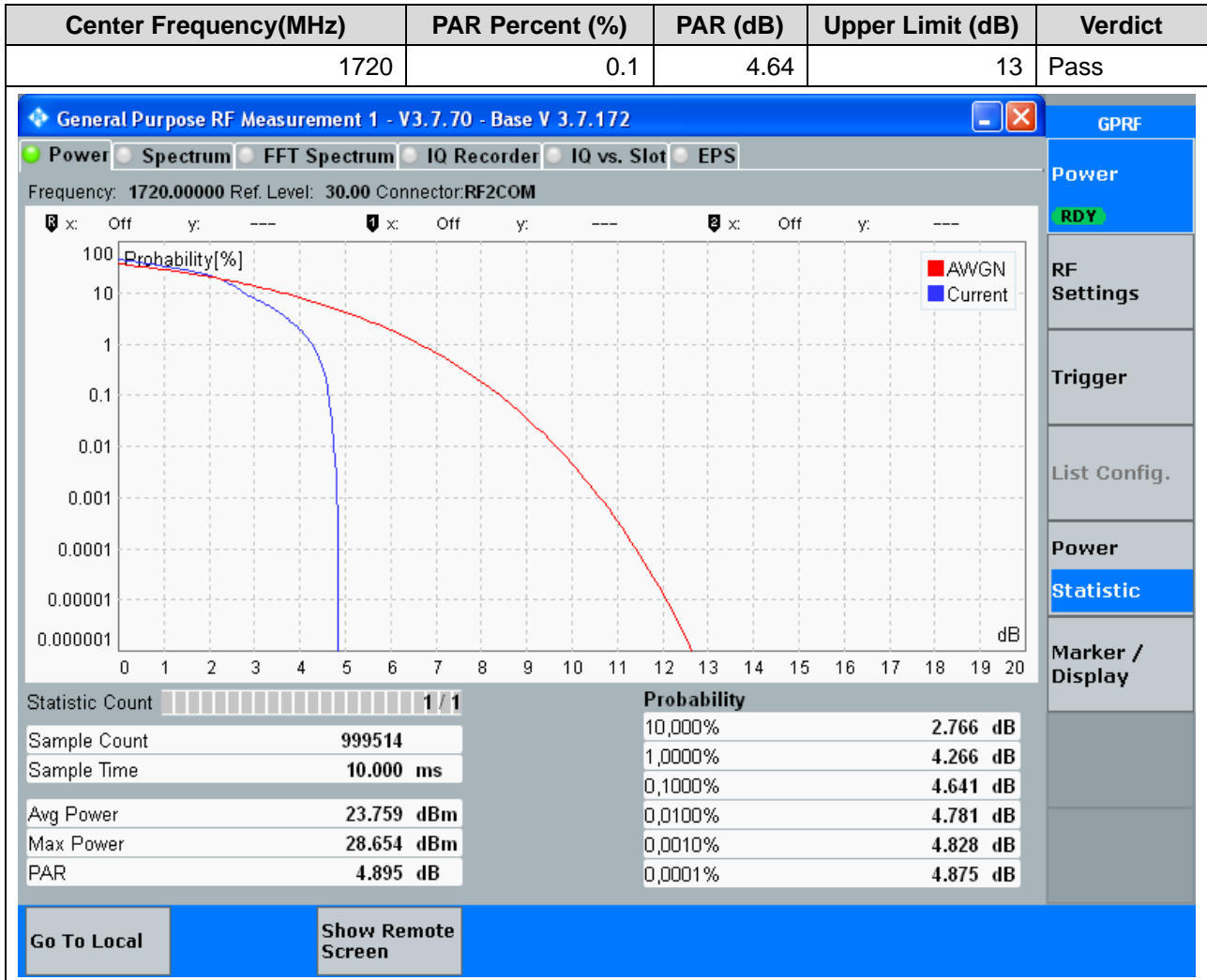
Probability[%]

Statistic Count	Value
Sample Count	998512
Sample Time	9.990 ms
Avg Power	23.670 dBm
Max Power	30.520 dBm
PAR	6.851 dB

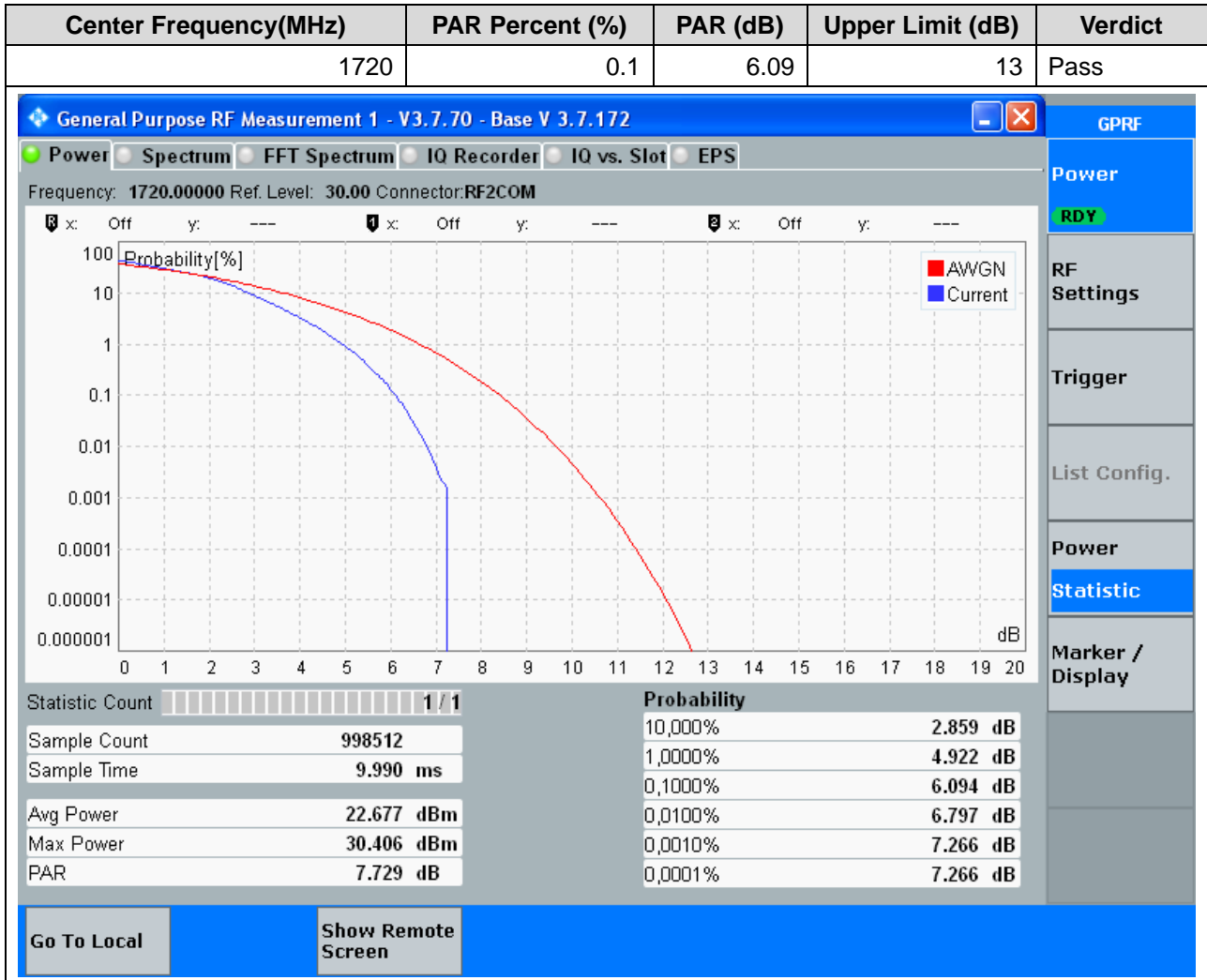
Probability	Value
10,000%	2.344 dB
1,0000%	4.266 dB
0,1000%	5.297 dB
0,0100%	5.906 dB
0,0010%	6.281 dB
0,0001%	6.281 dB

Go To Local
Show Remote Screen

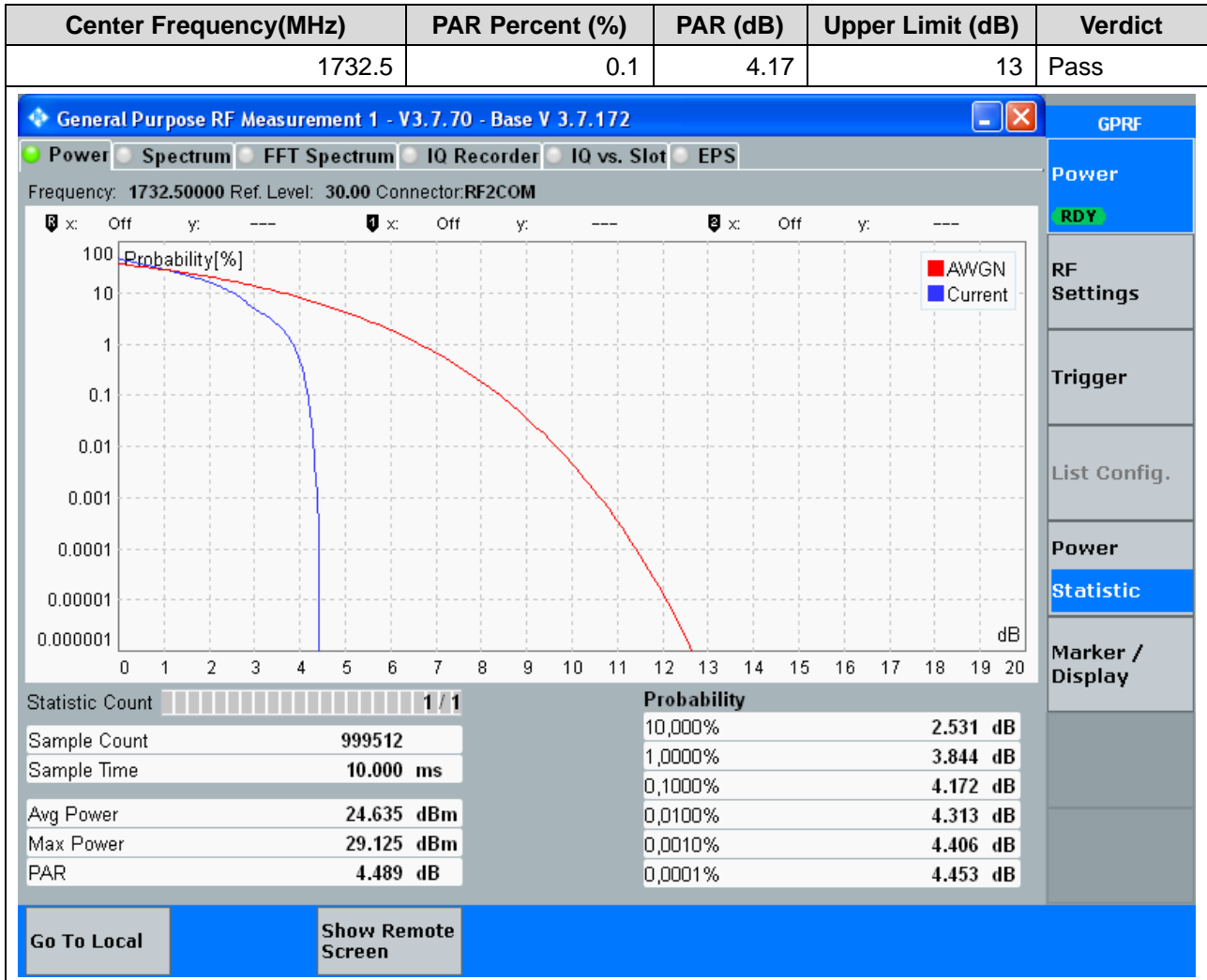
2.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



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



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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.34	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1732.50000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count	1 / 1
Sample Count	998512
Sample Time	9.990 ms
Avg Power	23.605 dBm
Max Power	30.158 dBm
PAR	6.553 dB

Probability	
10,000%	2.344 dB
1,0000%	4.313 dB
0,1000%	5.344 dB
0,0100%	5.906 dB
0,0010%	6.234 dB
0,0001%	6.328 dB

Go To Local
Show Remote Screen

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.06	13	Pass

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1732.50000 Ref. Level: 30.00 Connector:RF2COM

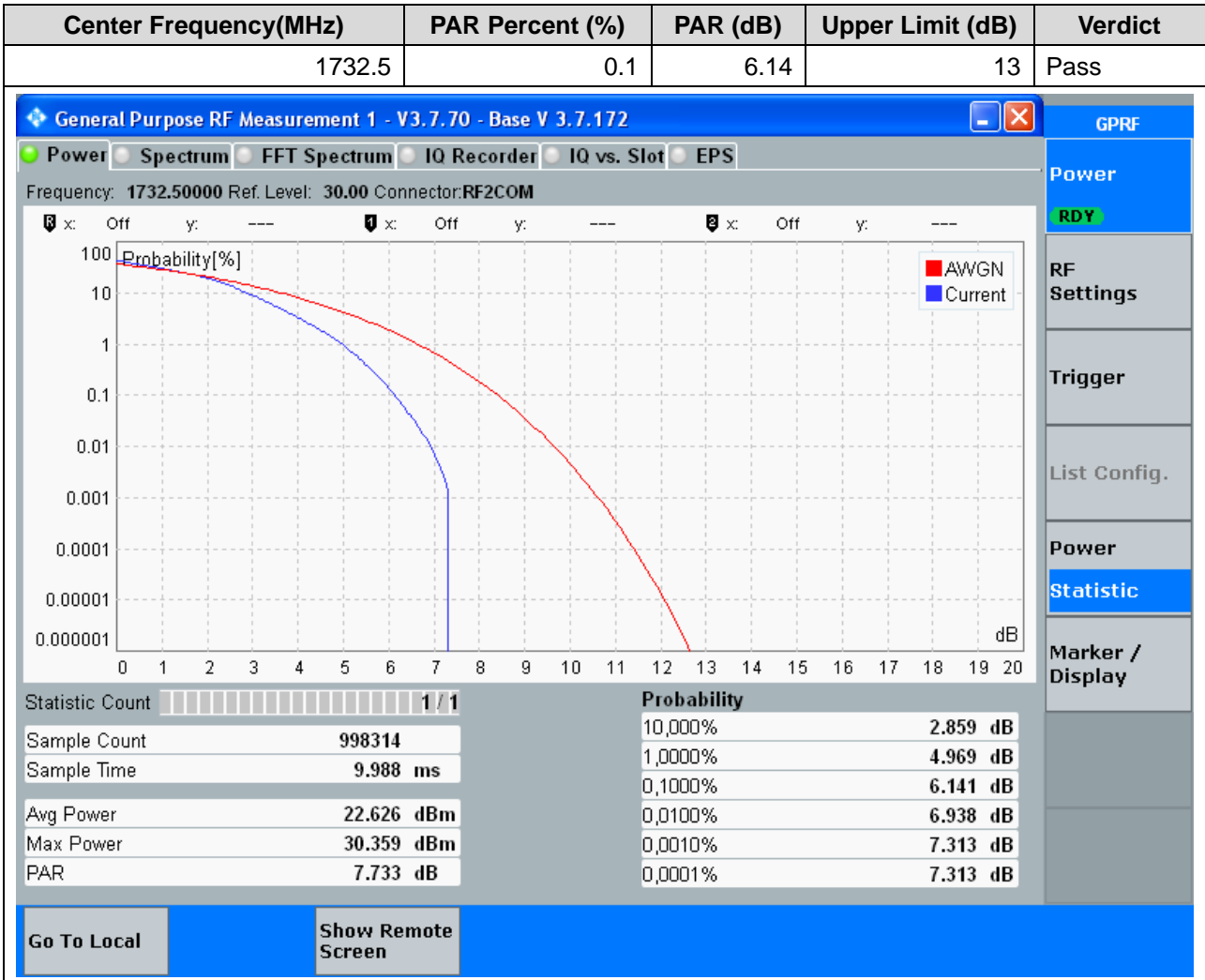
x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count	1 / 1
Sample Count	999712
Sample Time	10.002 ms
Avg Power	23.691 dBm
Max Power	29.172 dBm
PAR	5.481 dB

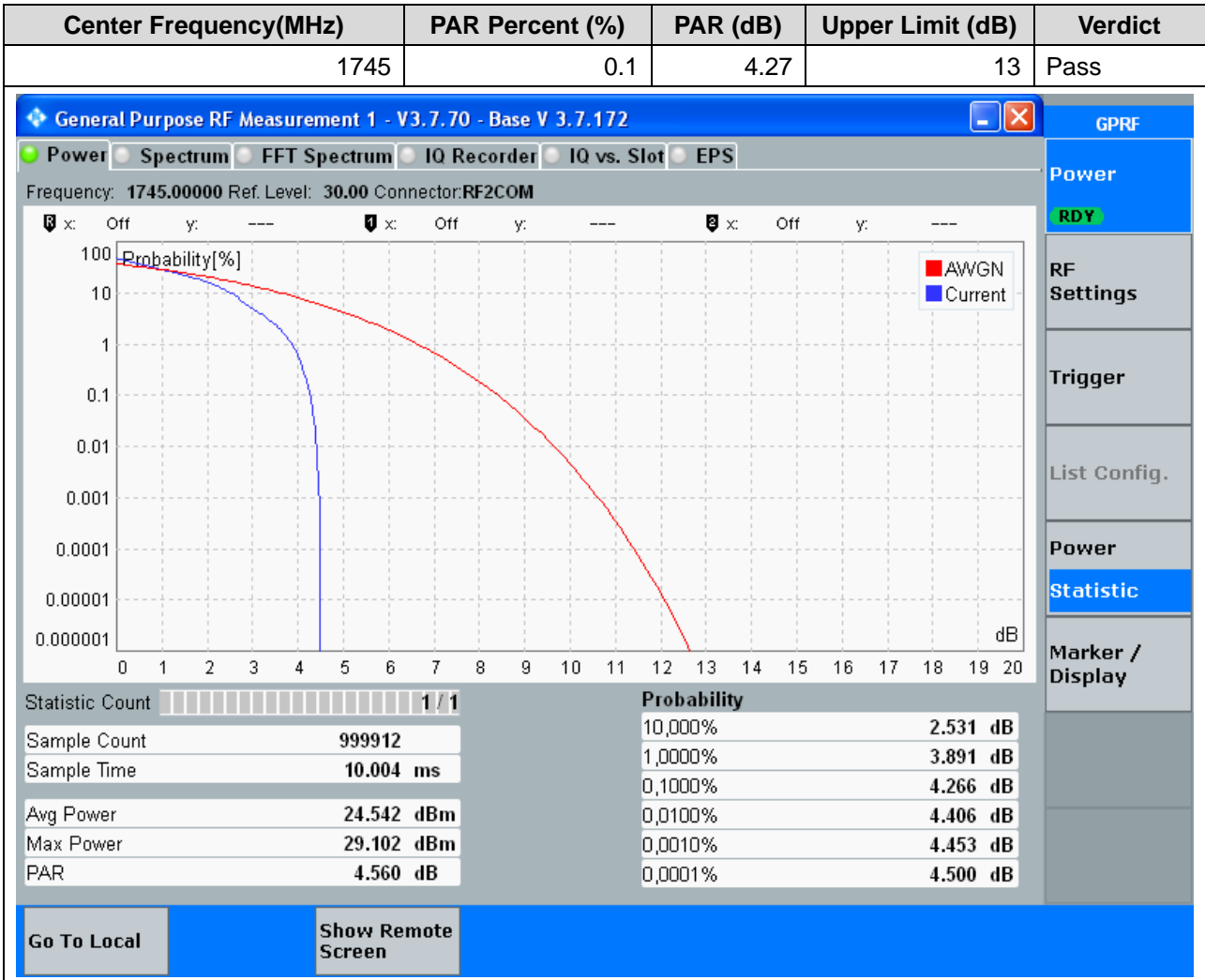
Probability	
10,000%	2.859 dB
1,0000%	4.500 dB
0,1000%	5.063 dB
0,0100%	5.297 dB
0,0010%	5.391 dB
0,0001%	5.438 dB

Go To Local
Show Remote Screen

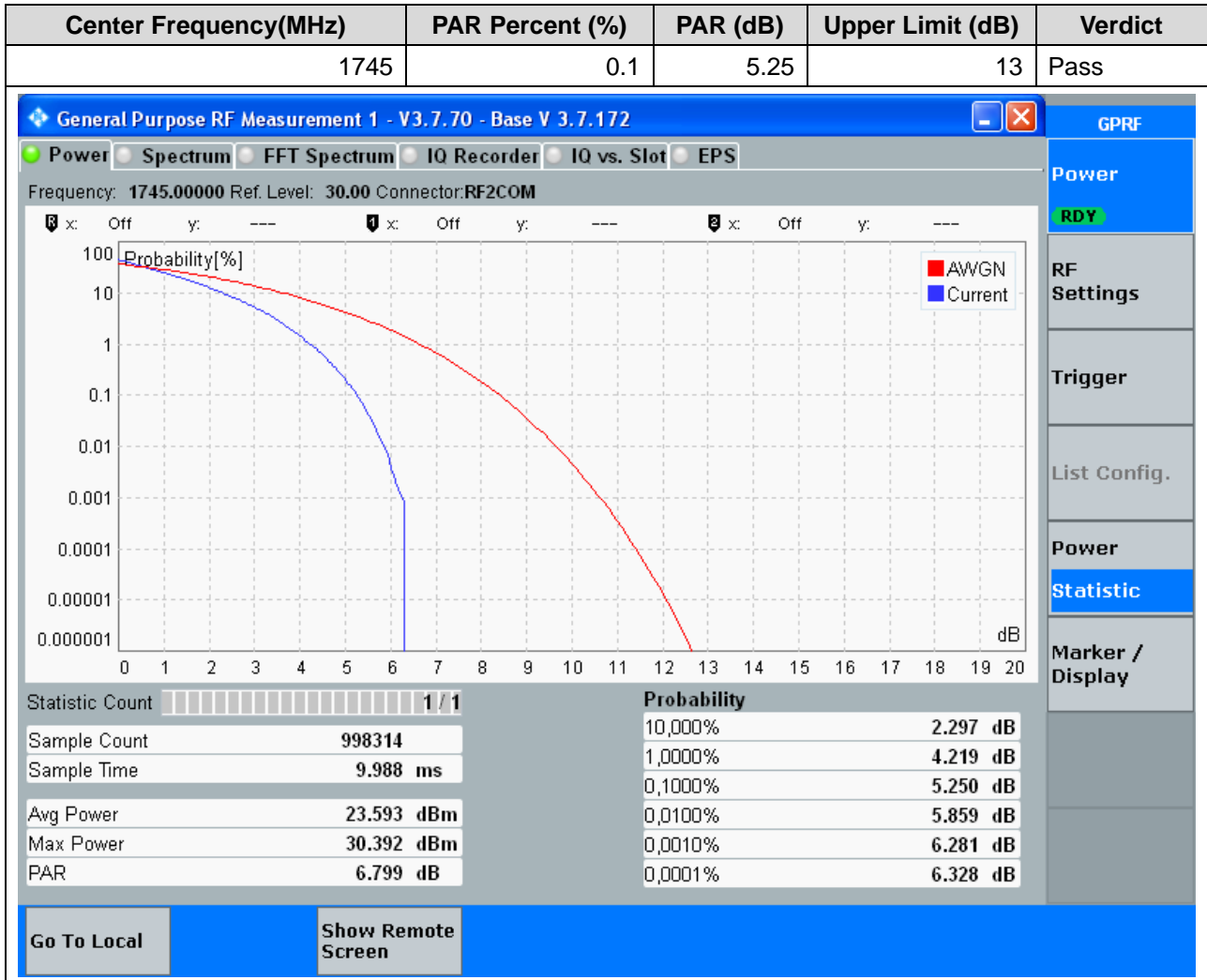
2.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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



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

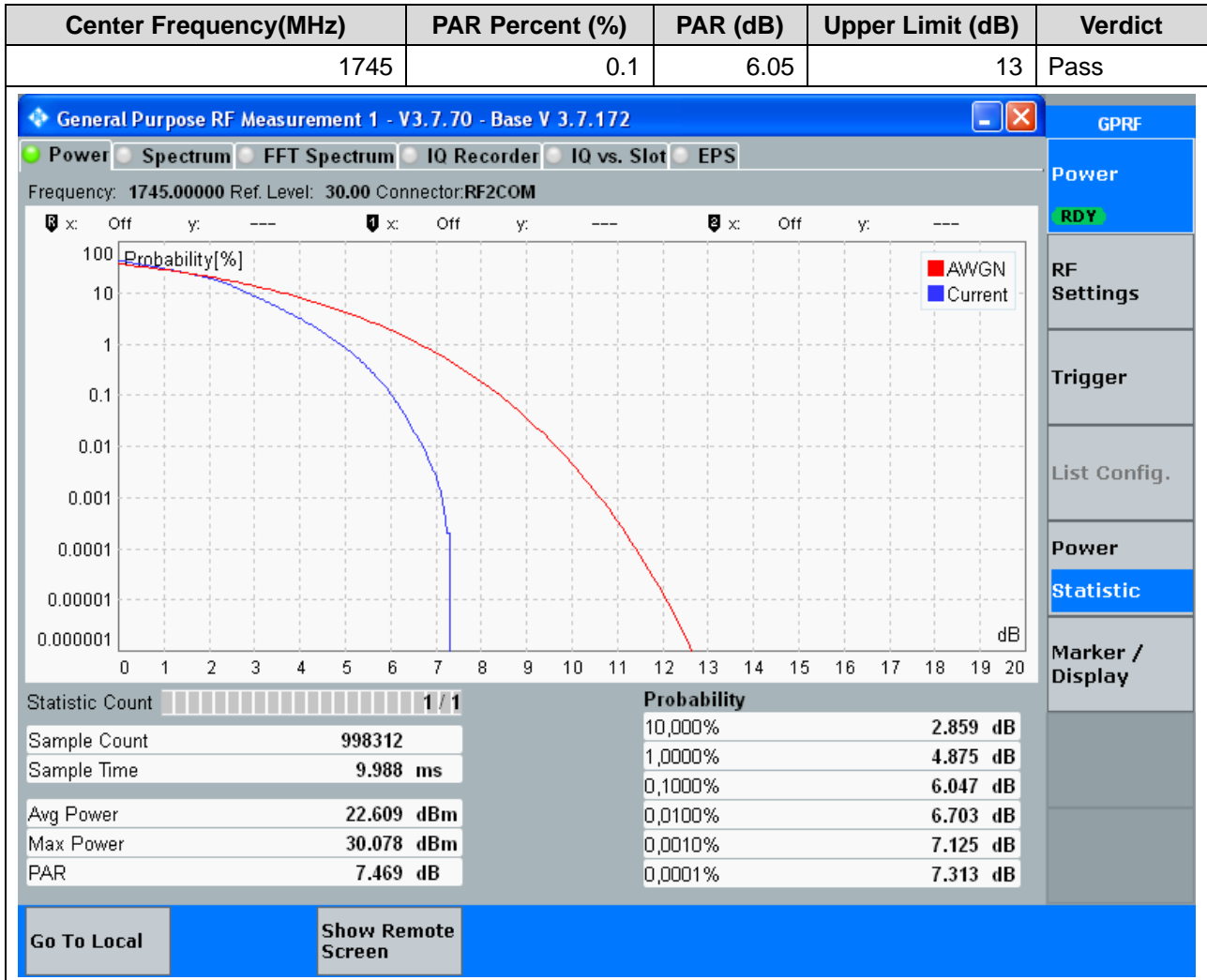


2.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

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

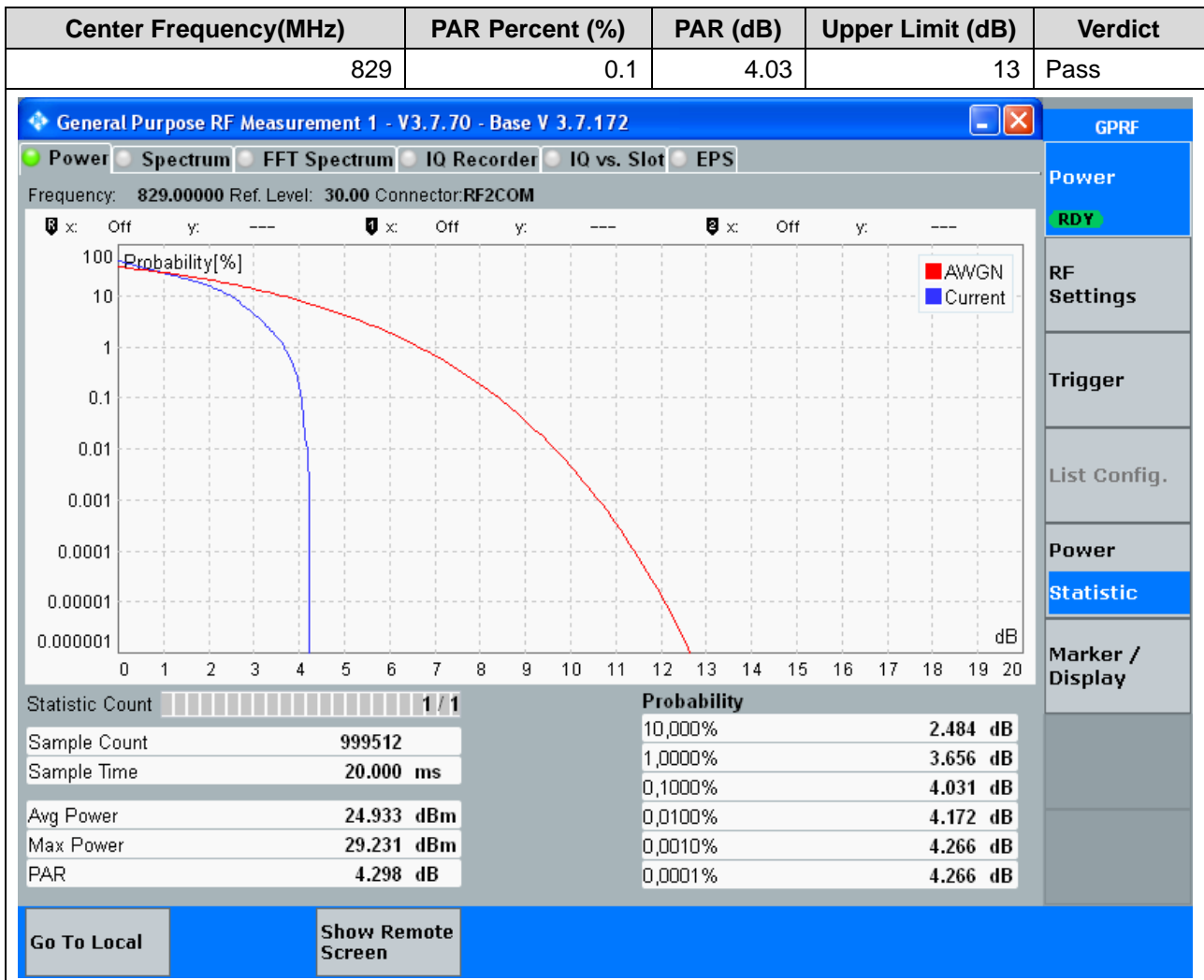
Statistic	Value	Probability	Value
Sample Count	999712	10,000%	2.906 dB
Sample Time	10.002 ms	1,0000%	4.828 dB
Avg Power	23.570 dBm	0,1000%	5.297 dB
Max Power	29.189 dBm	0,0100%	5.438 dB
PAR	5.619 dB	0,0010%	5.531 dB
		0,0001%	5.578 dB

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

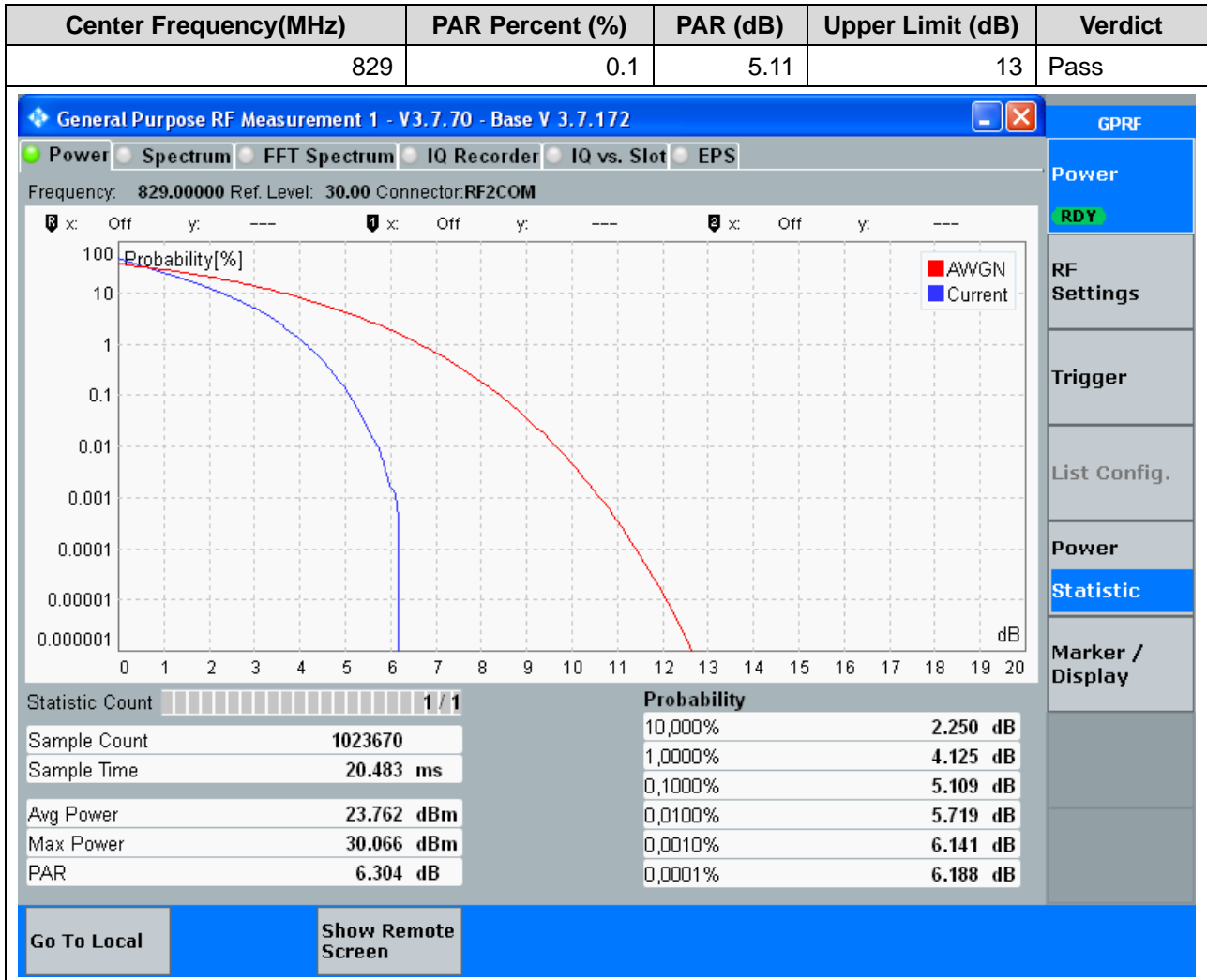


3. LTE_Band5

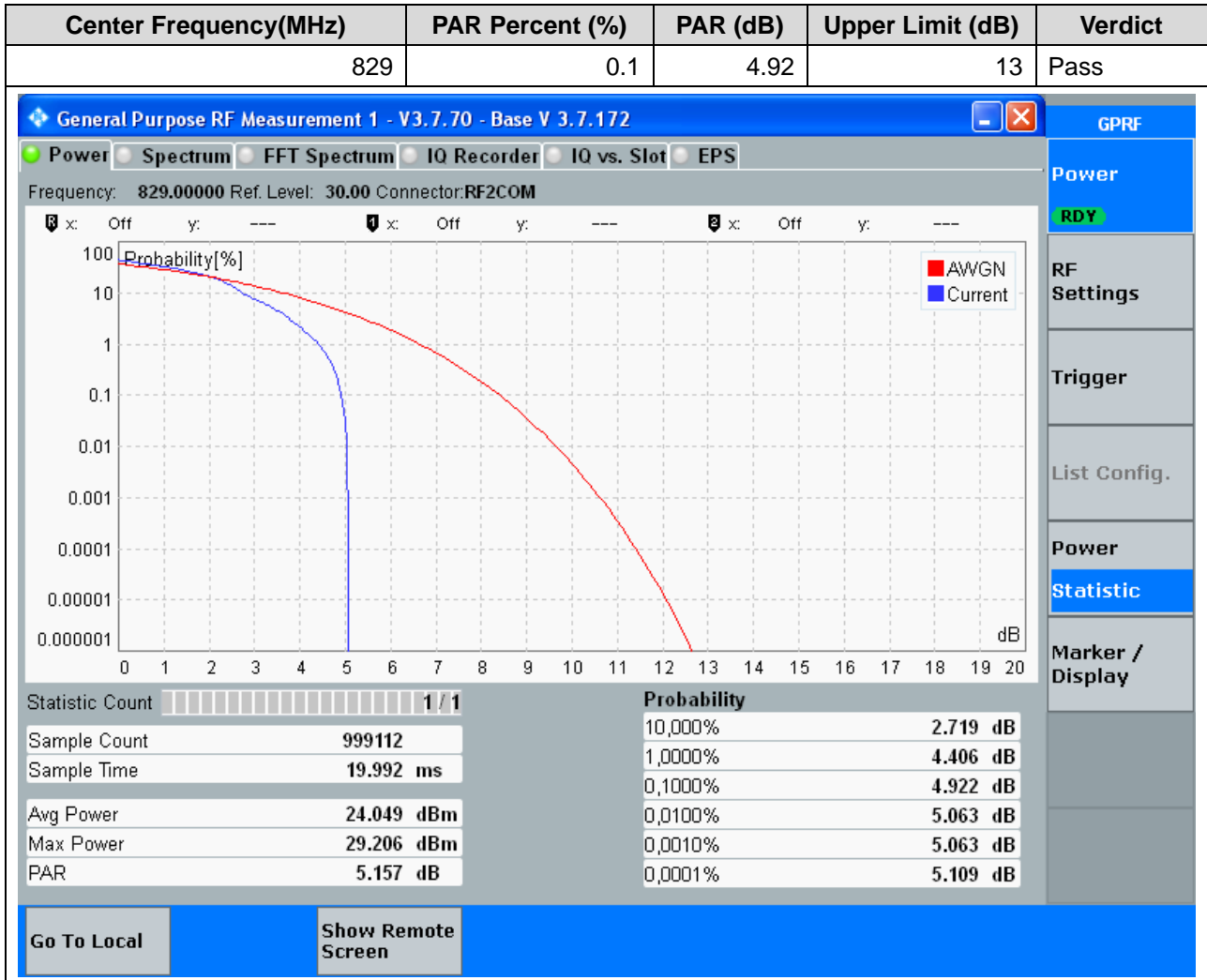
3.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



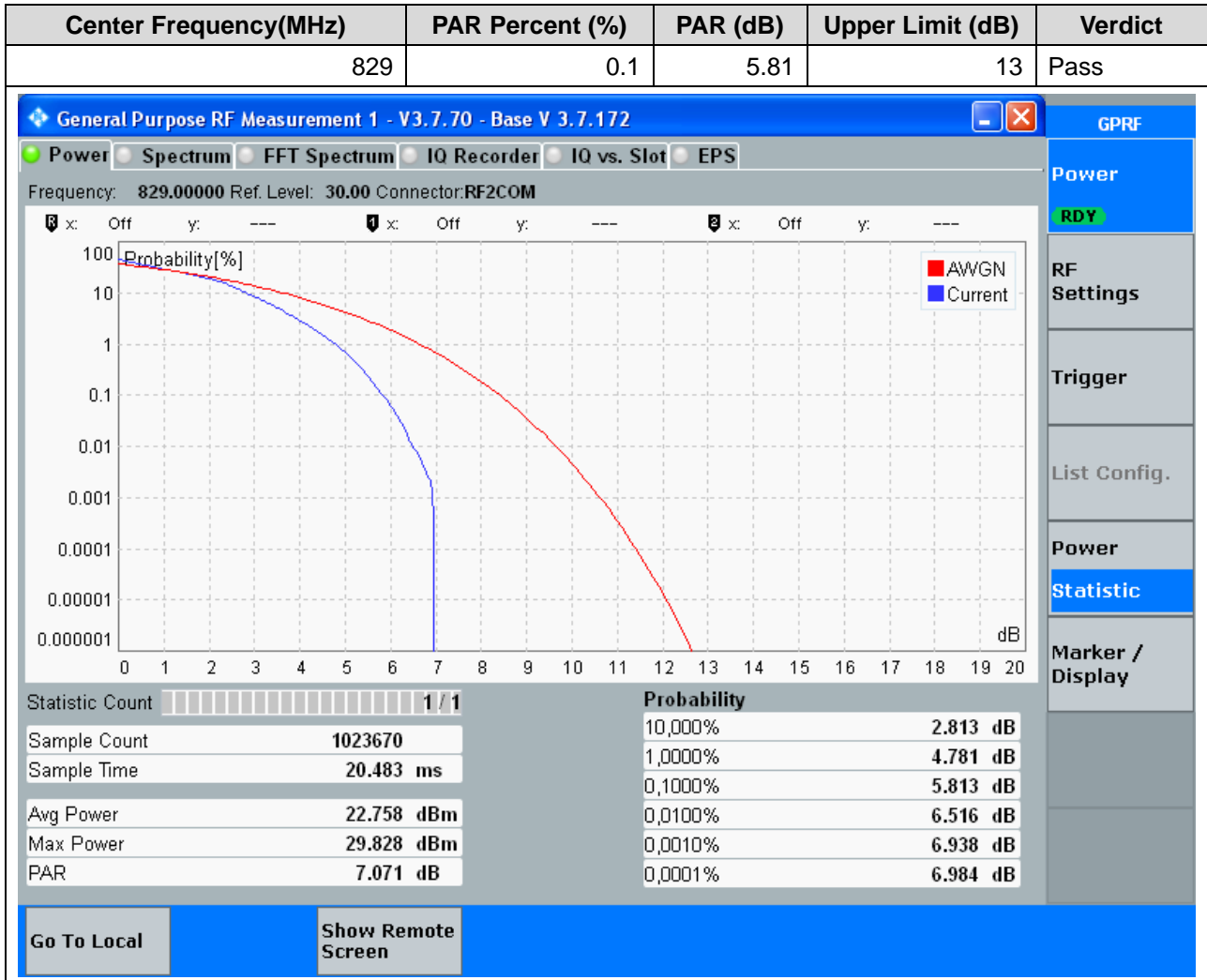
3.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



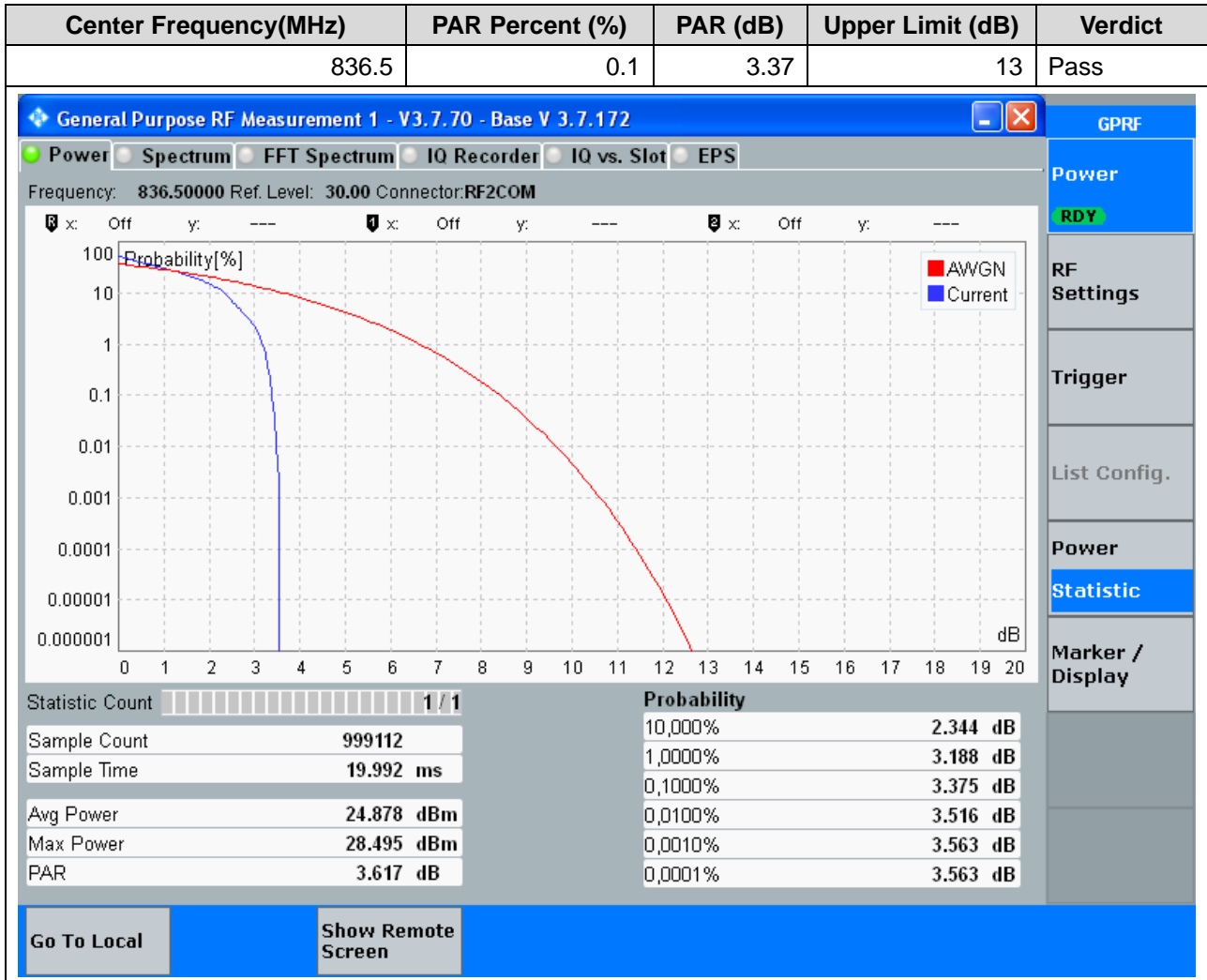
3.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



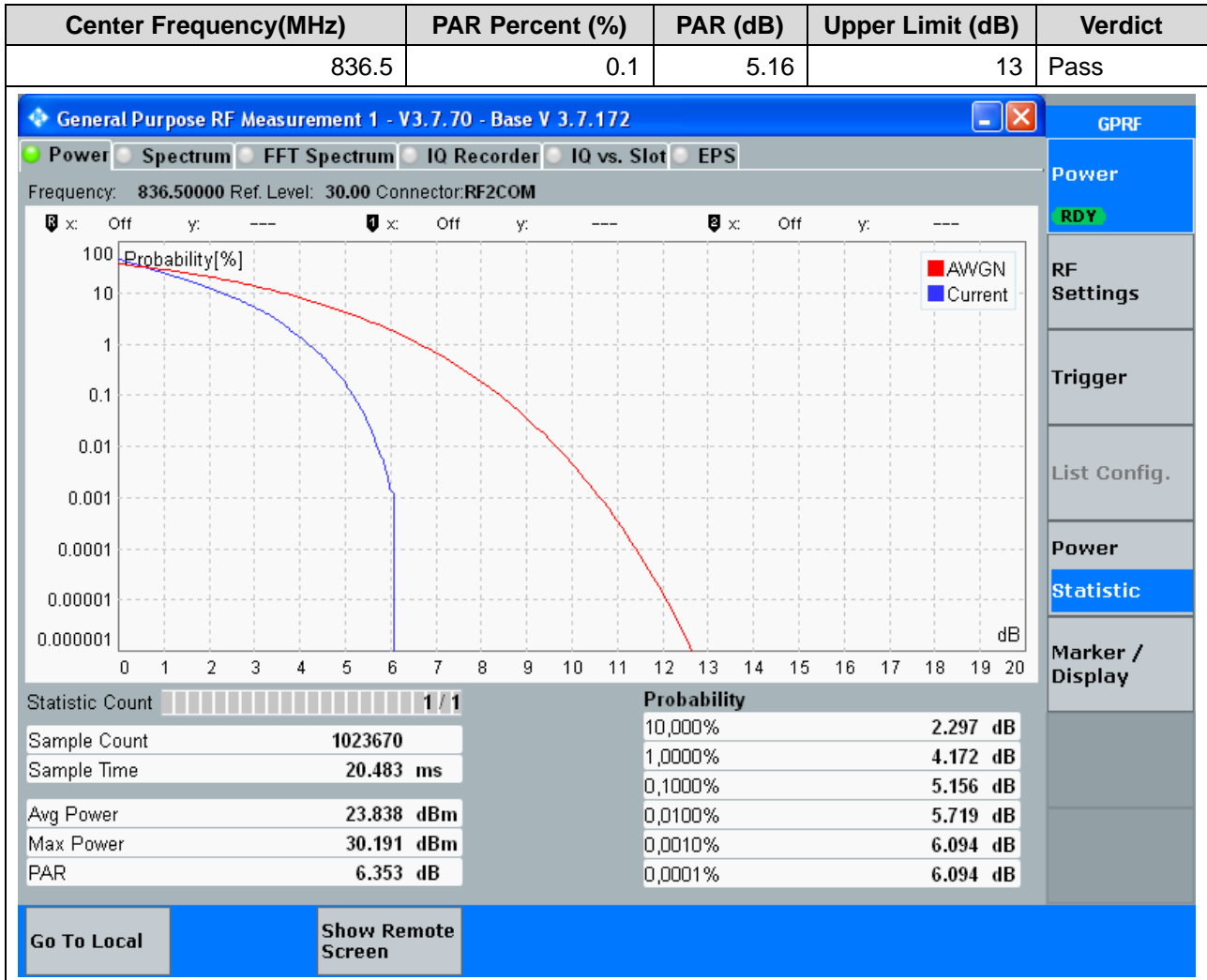
3.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



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



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

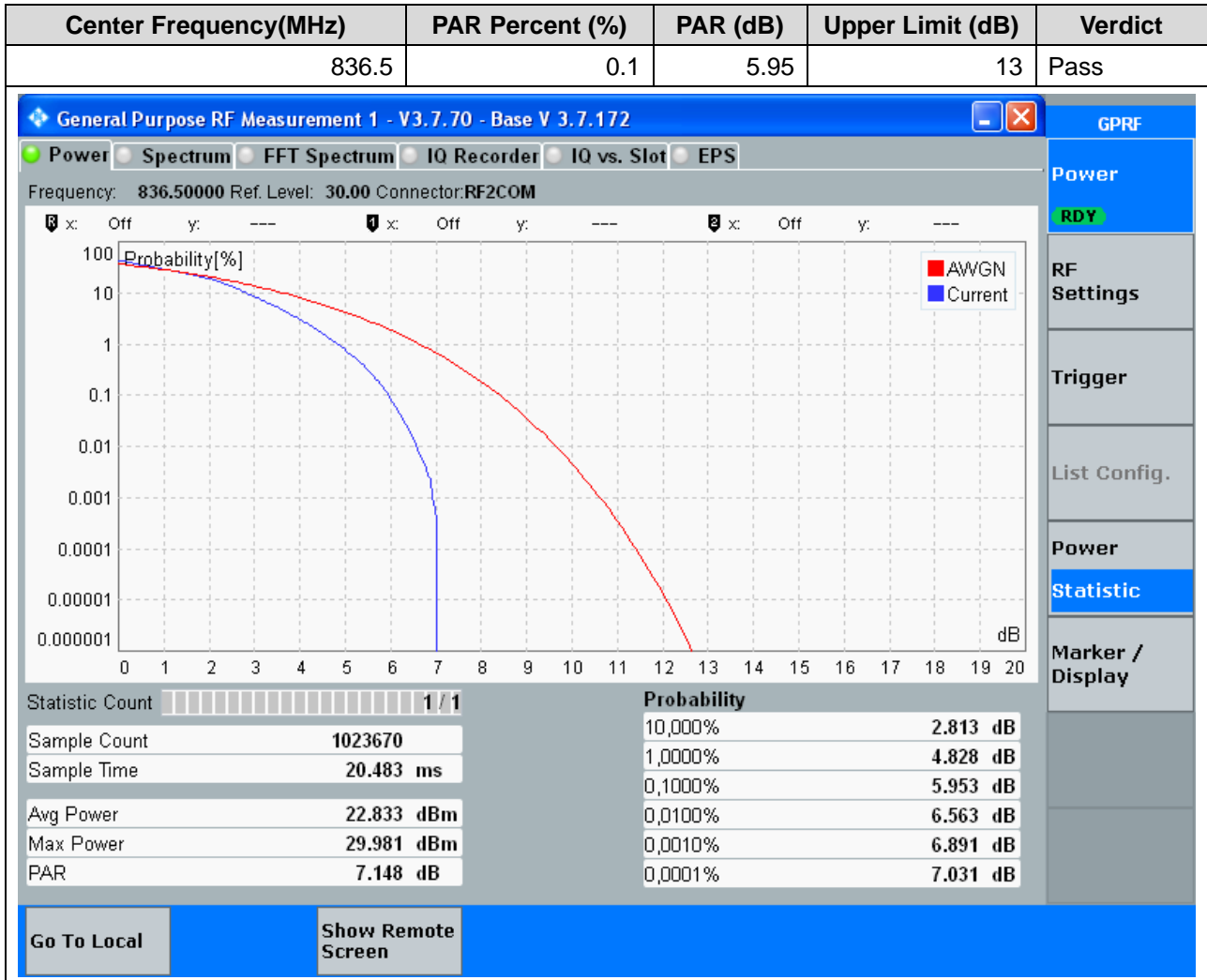


3.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

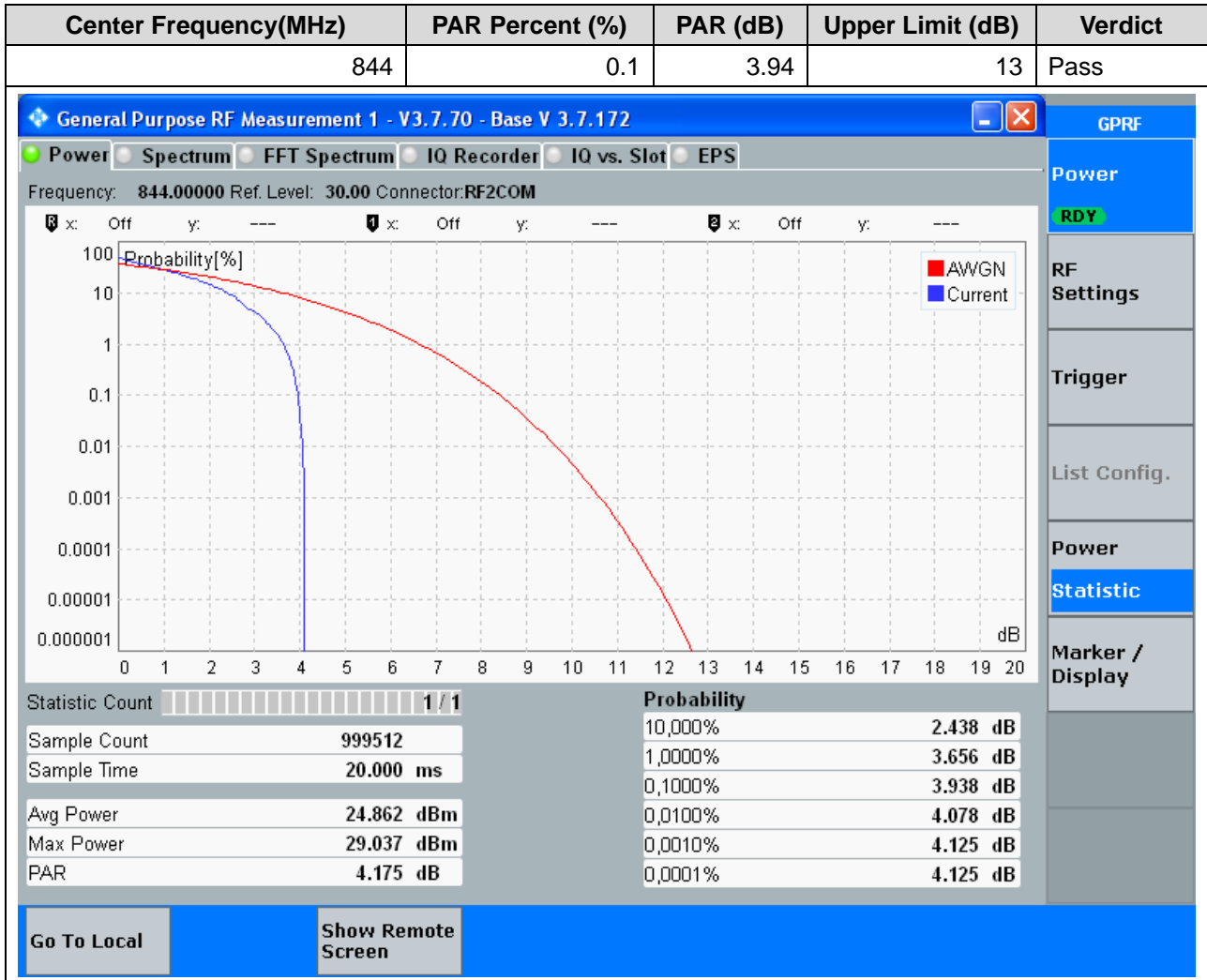
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	4.41	13	Pass

Statistic Count	Probability	Value
Sample Count	10,000%	2.766 dB
Sample Time	1,0000%	4.031 dB
Avg Power	0,1000%	4.406 dB
Max Power	0,0100%	4.500 dB
PAR	0,0010%	4.594 dB
	0,0001%	4.594 dB

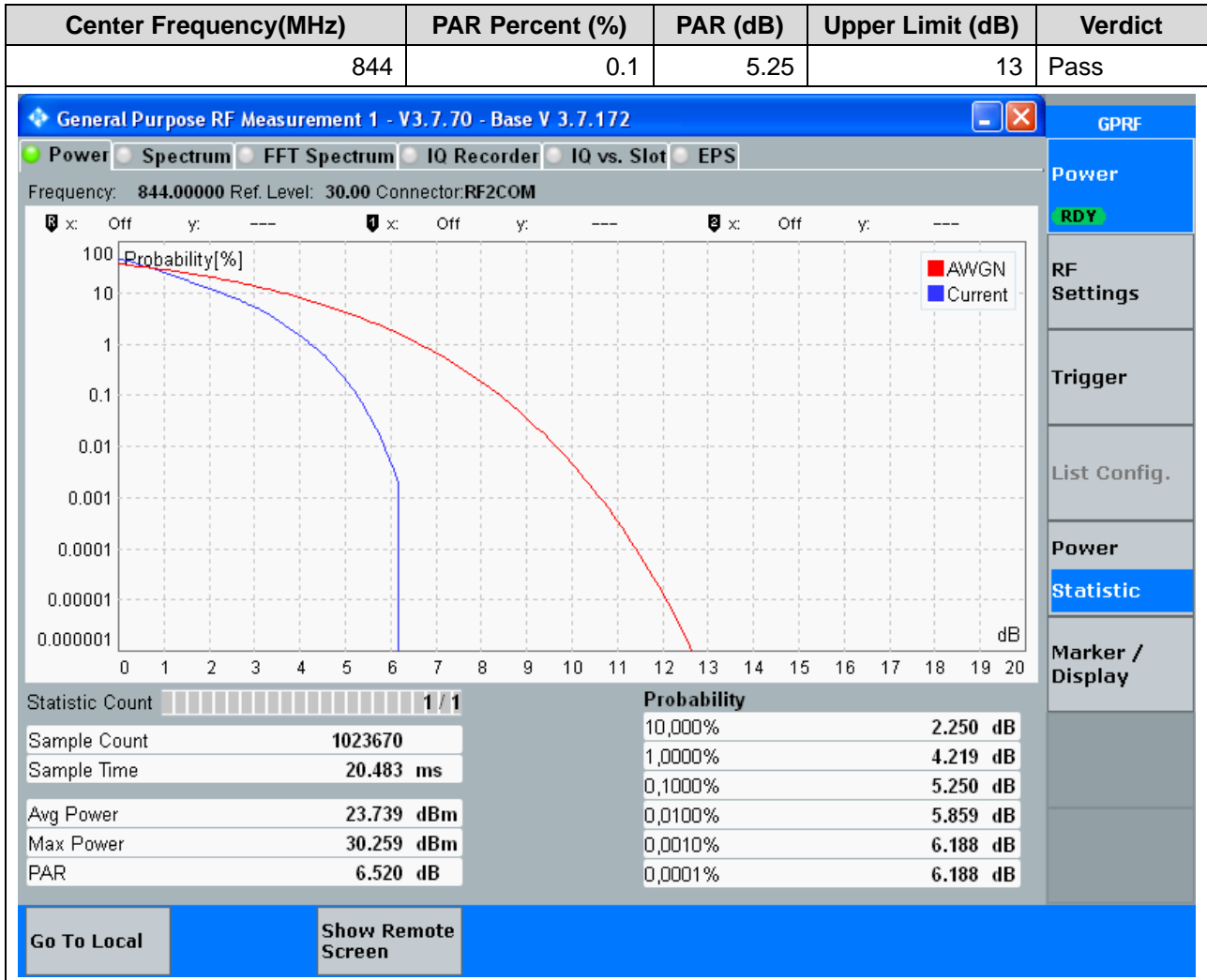
3.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



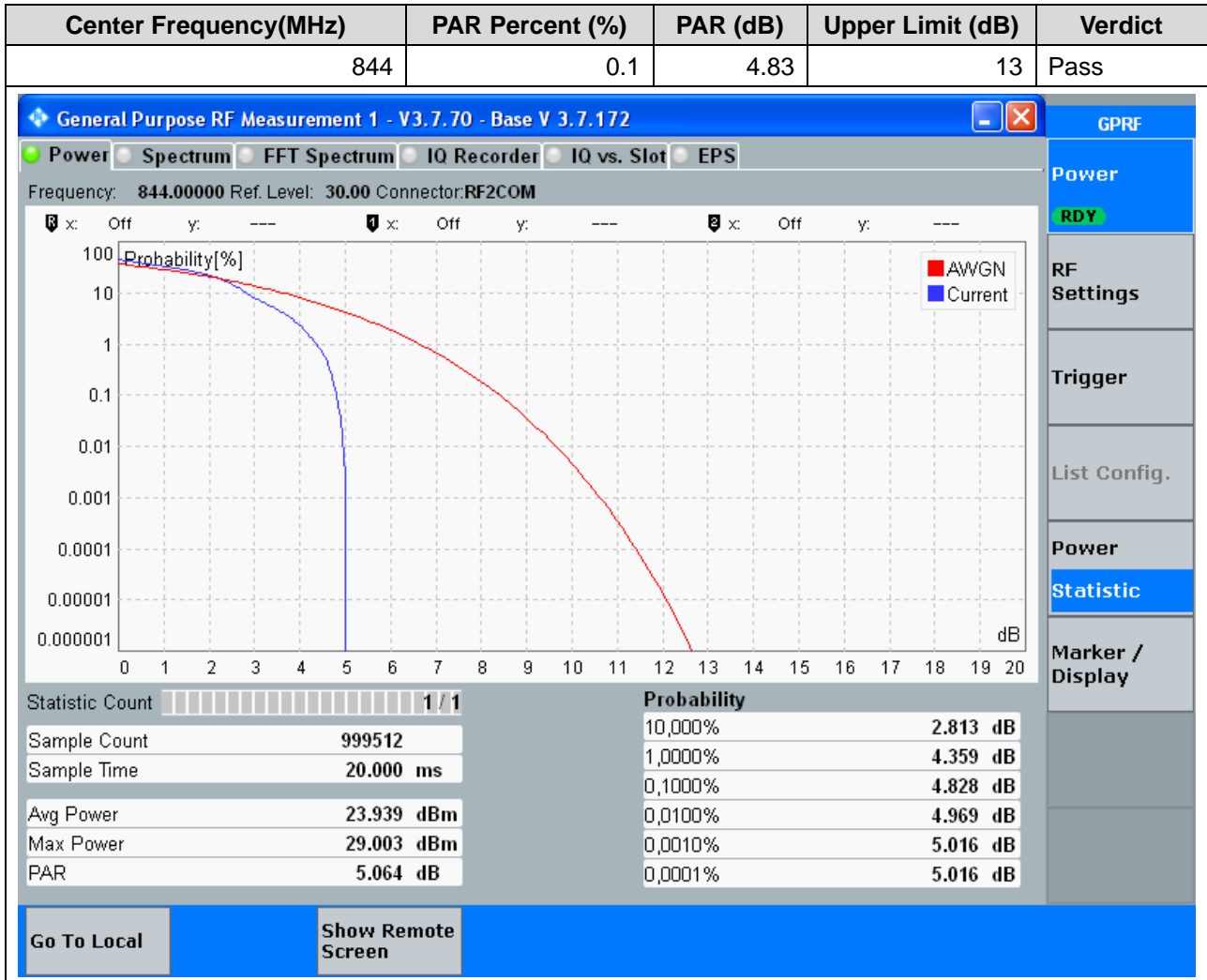
3.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



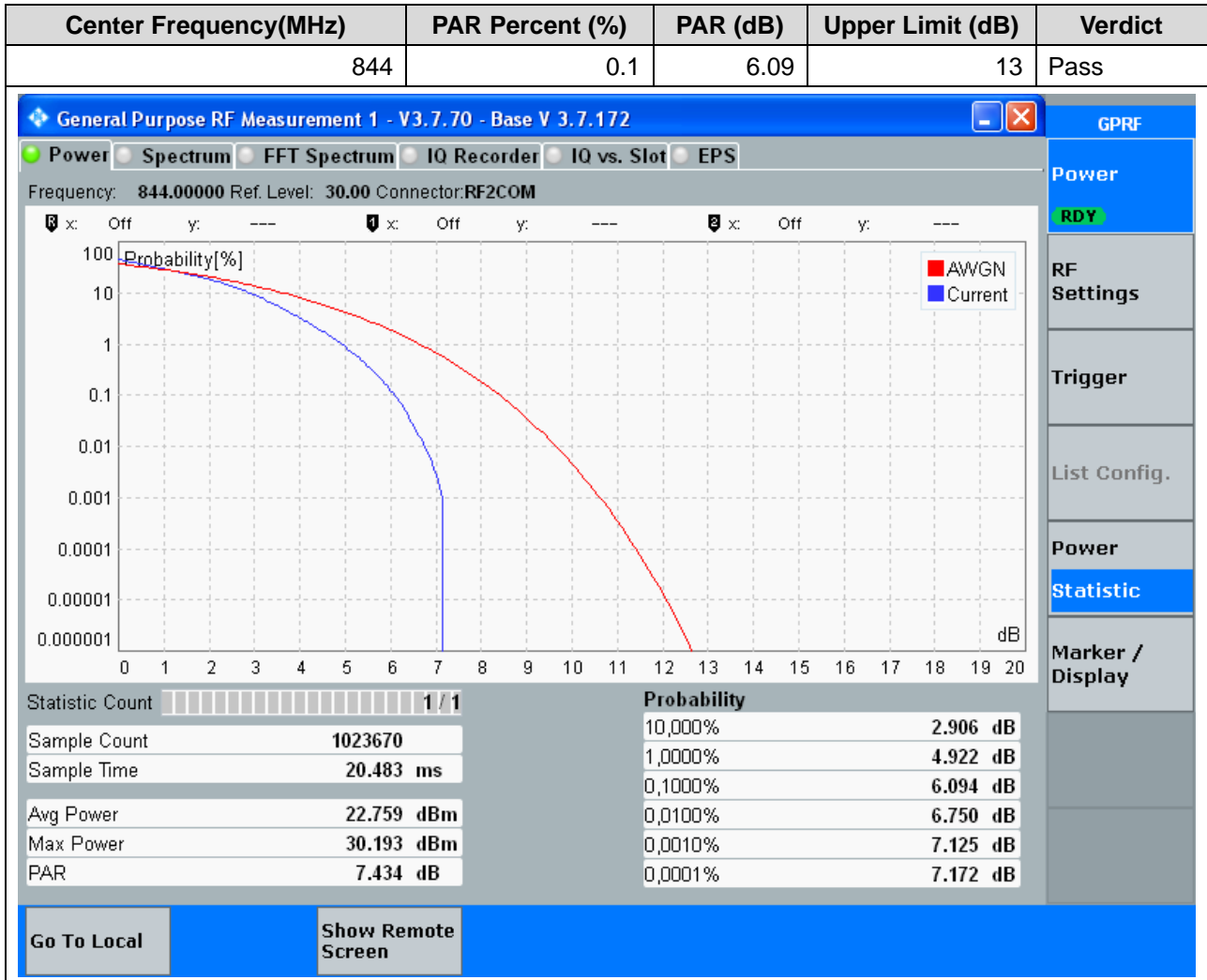
3.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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

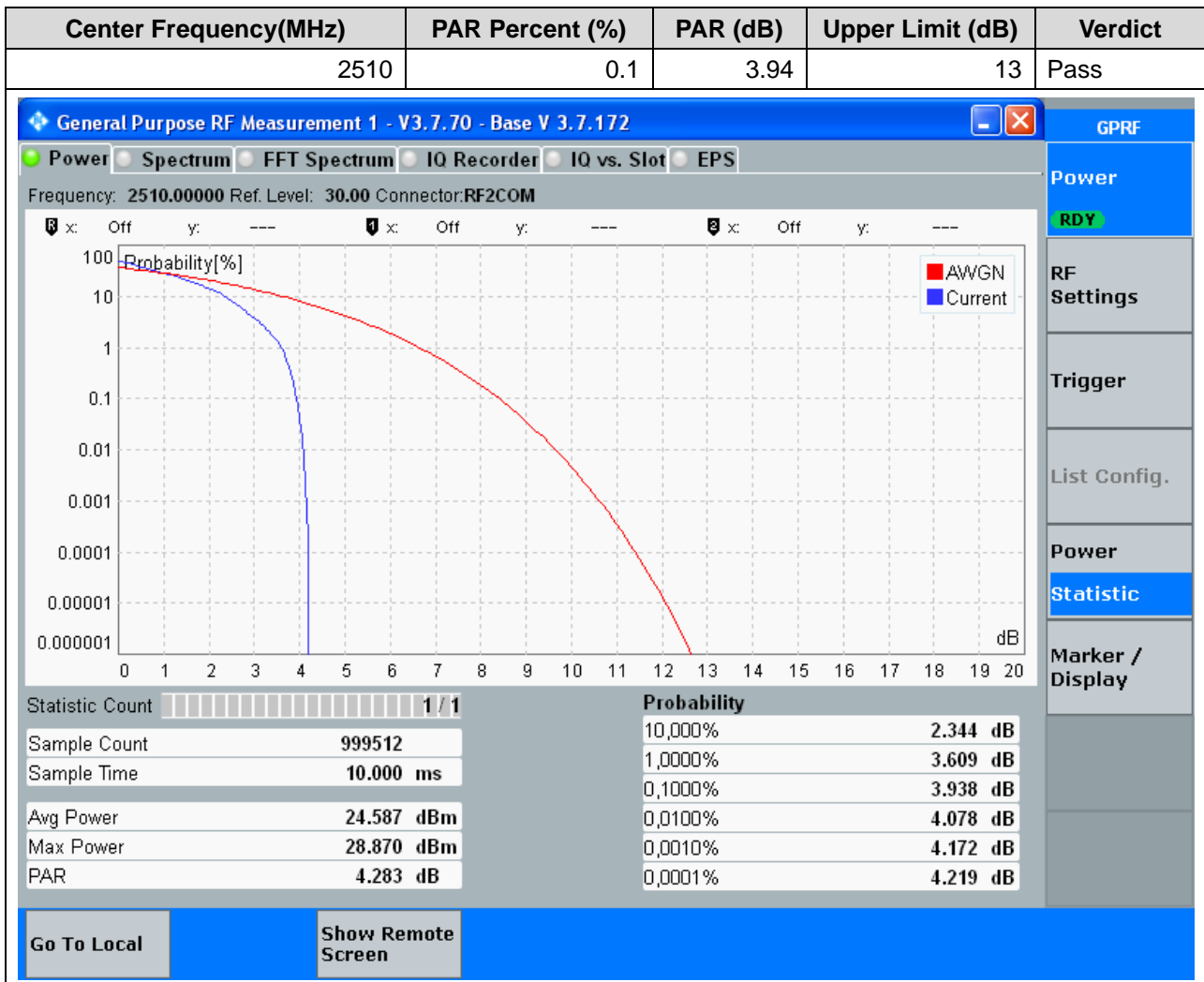


3.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

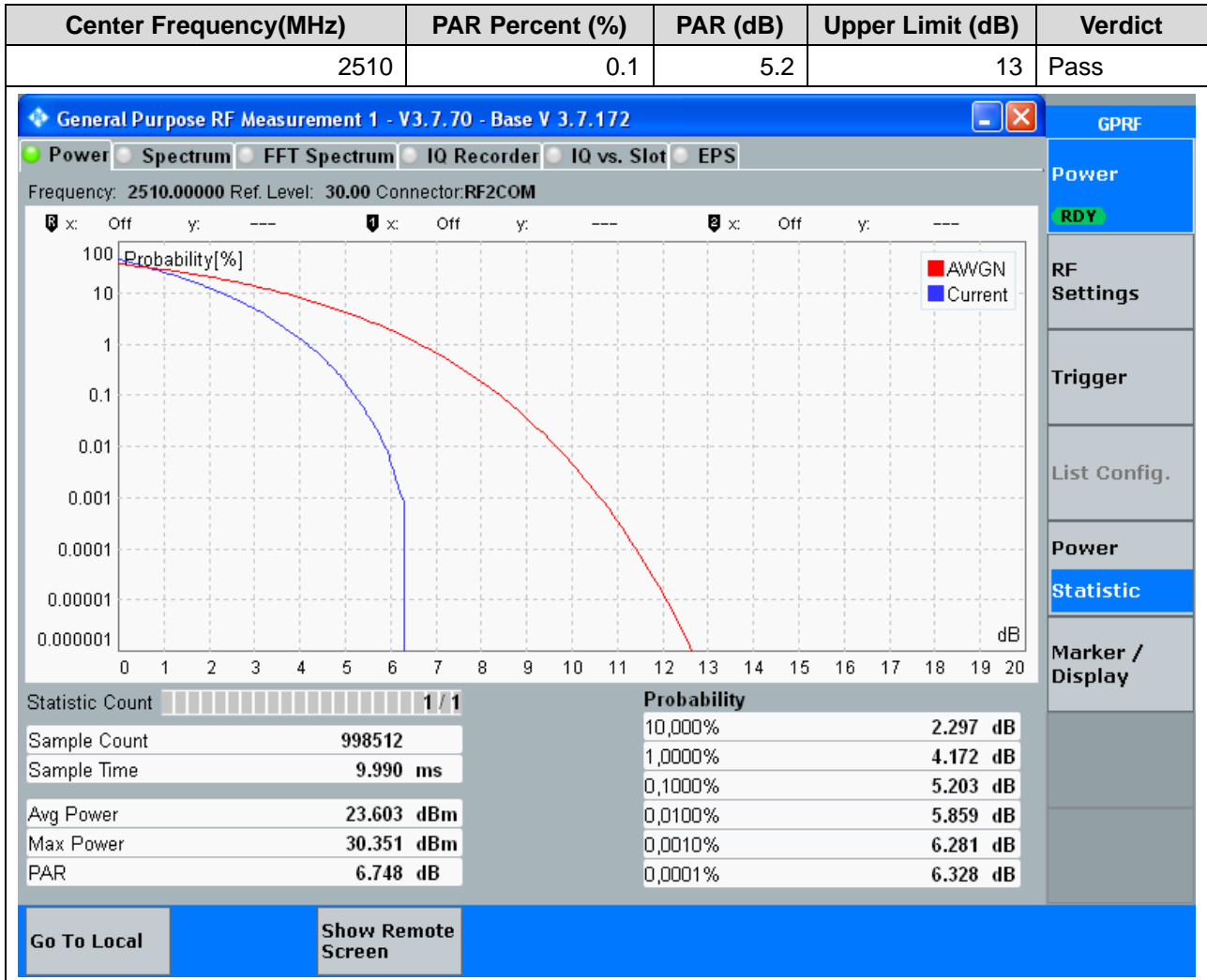


4. LTE_Band7

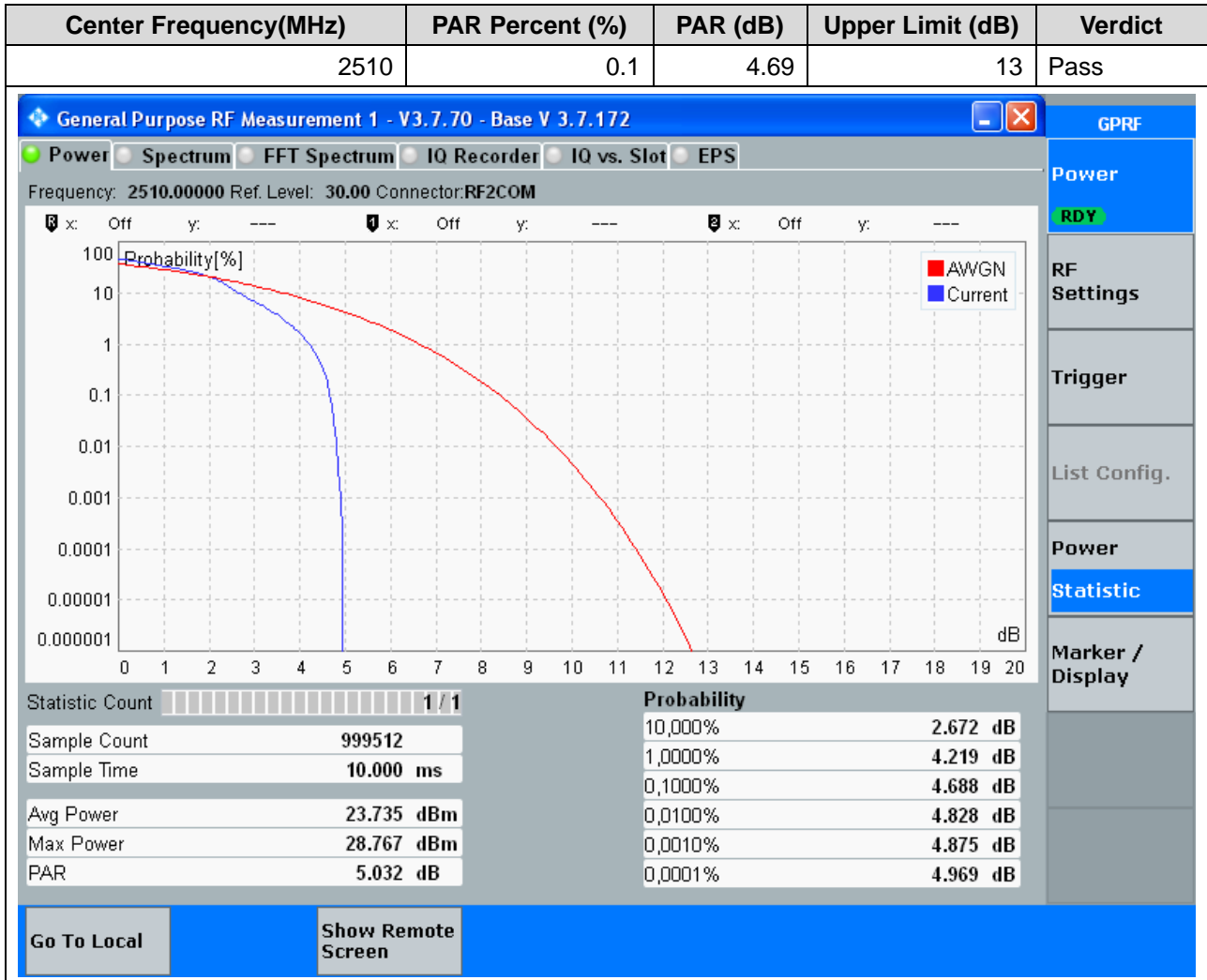
4.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



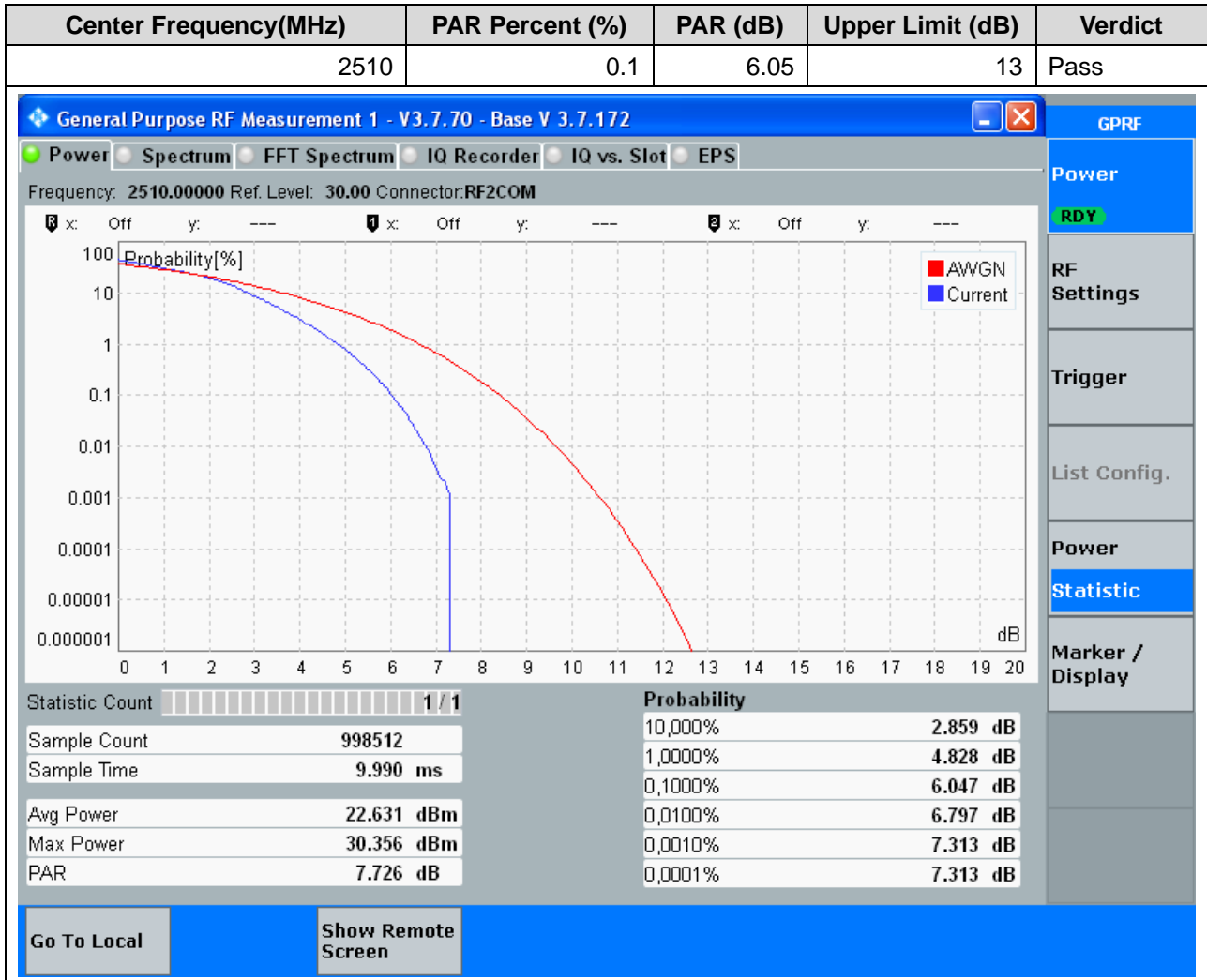
4.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



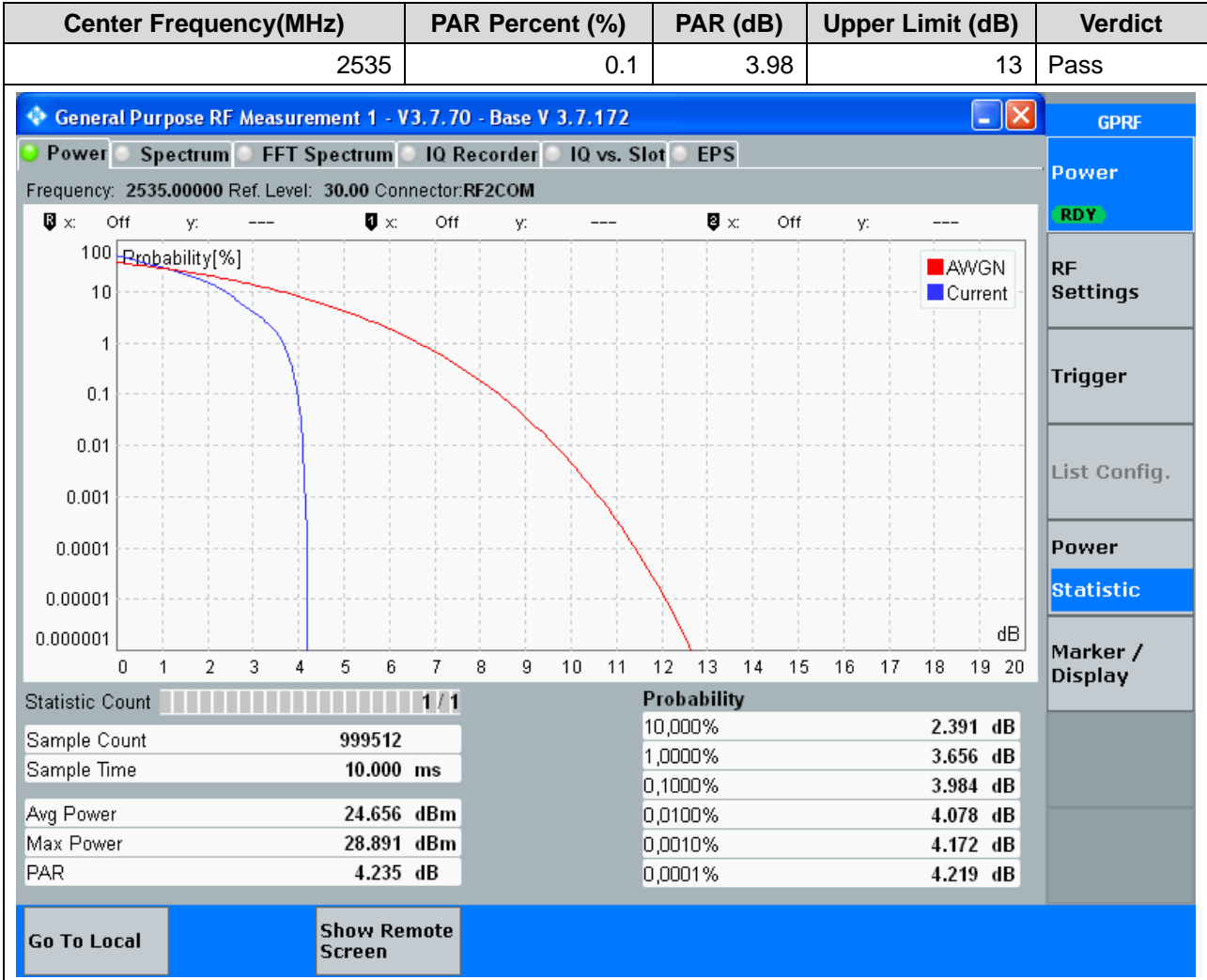
4.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



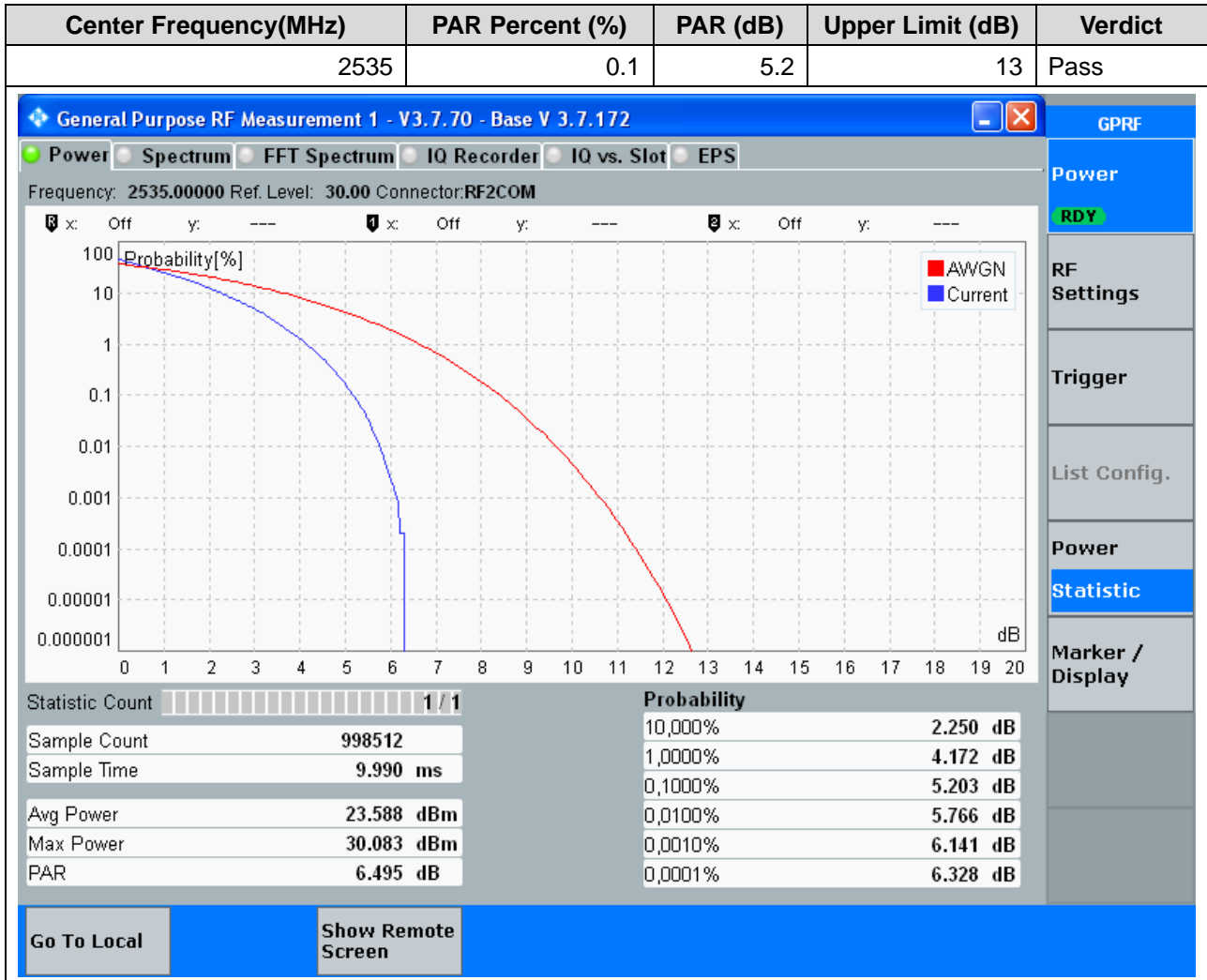
4.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



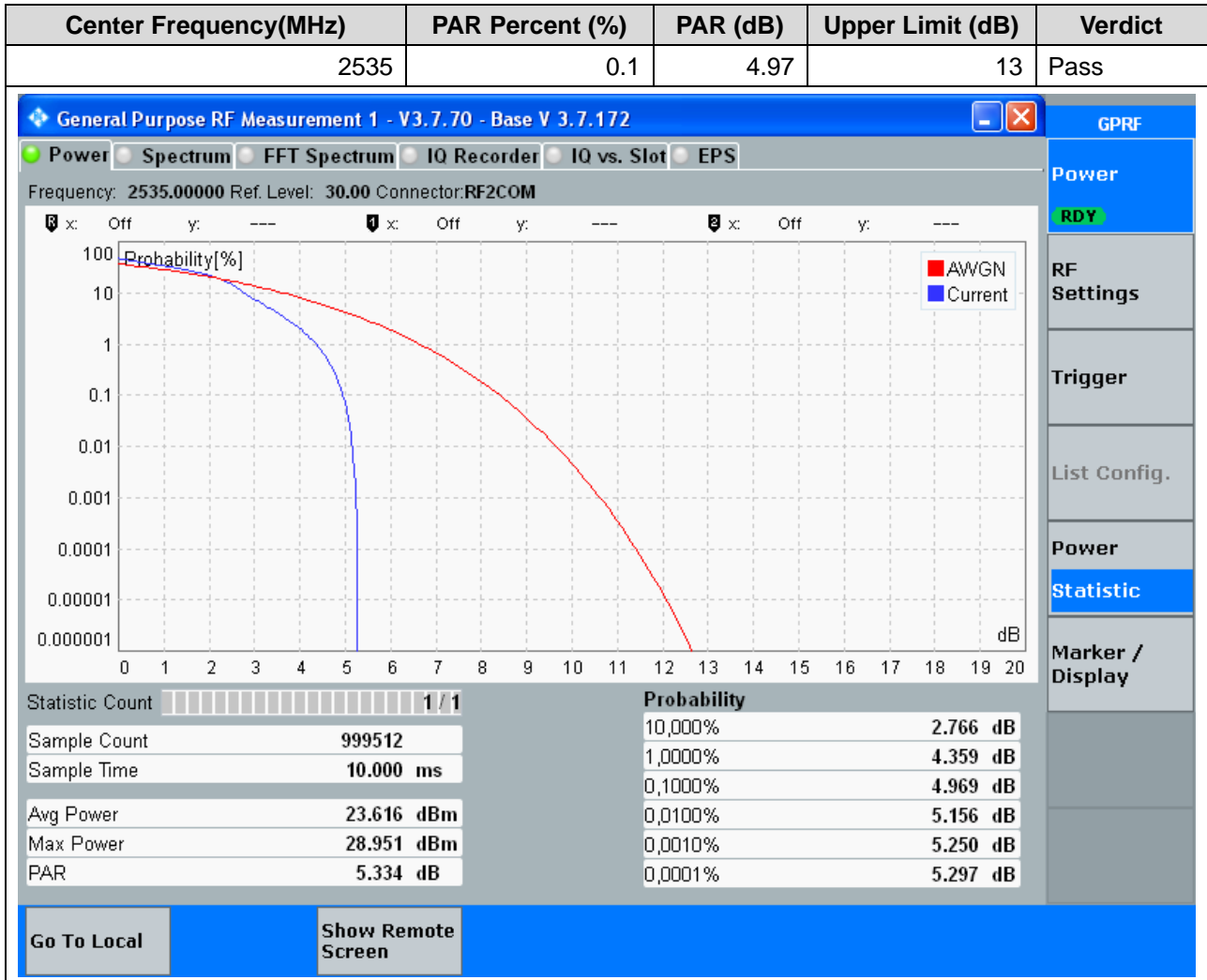
4.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



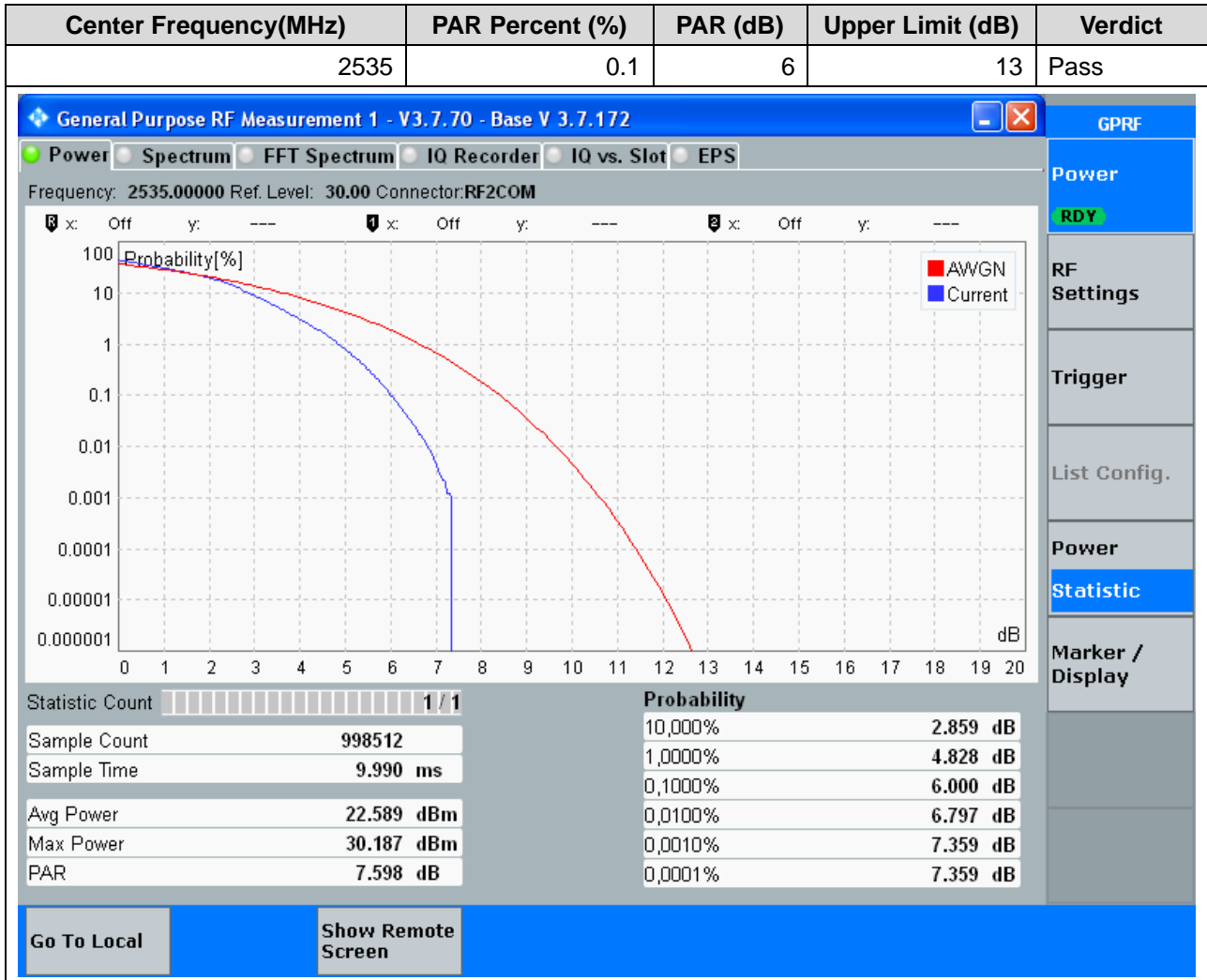
4.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



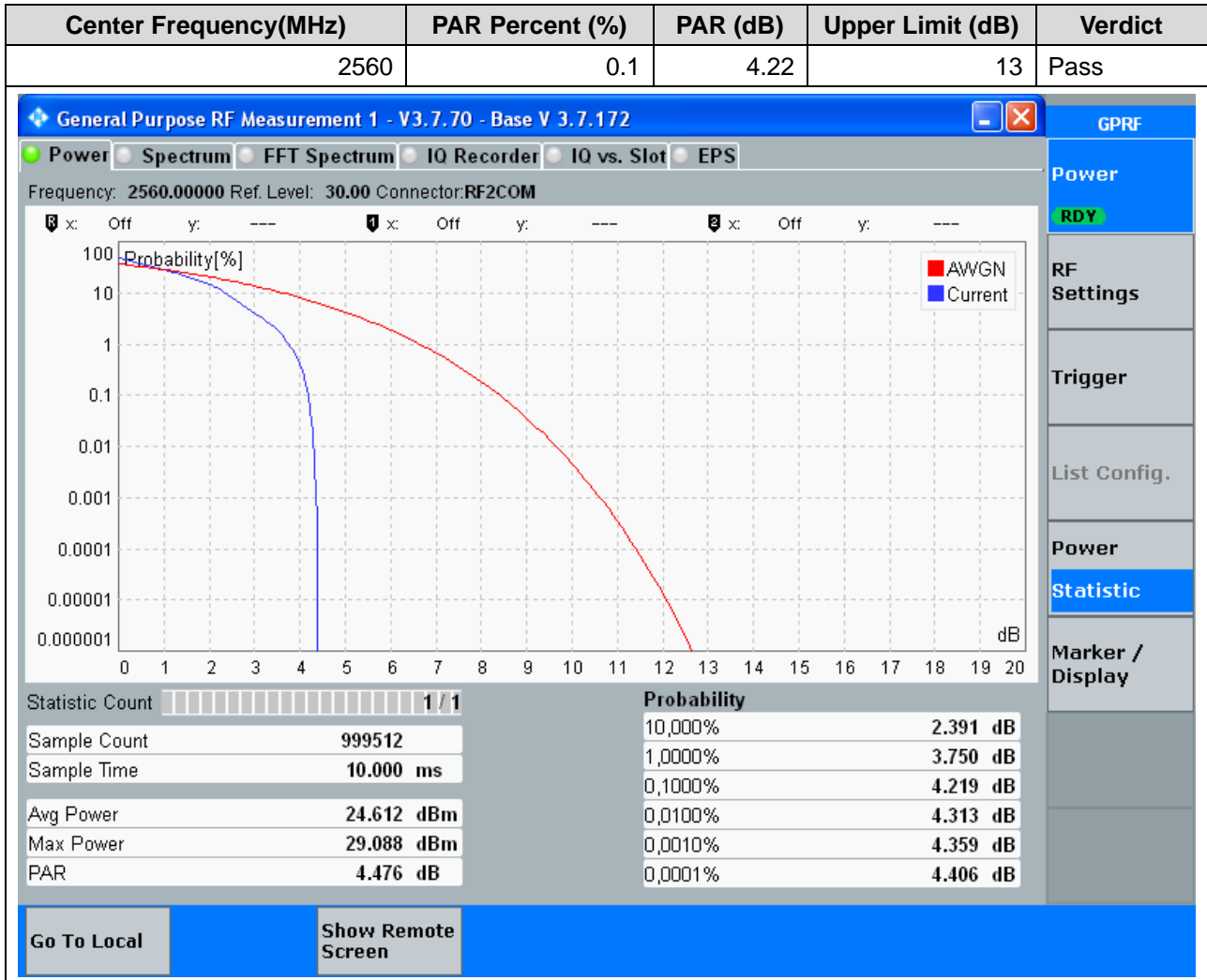
4.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



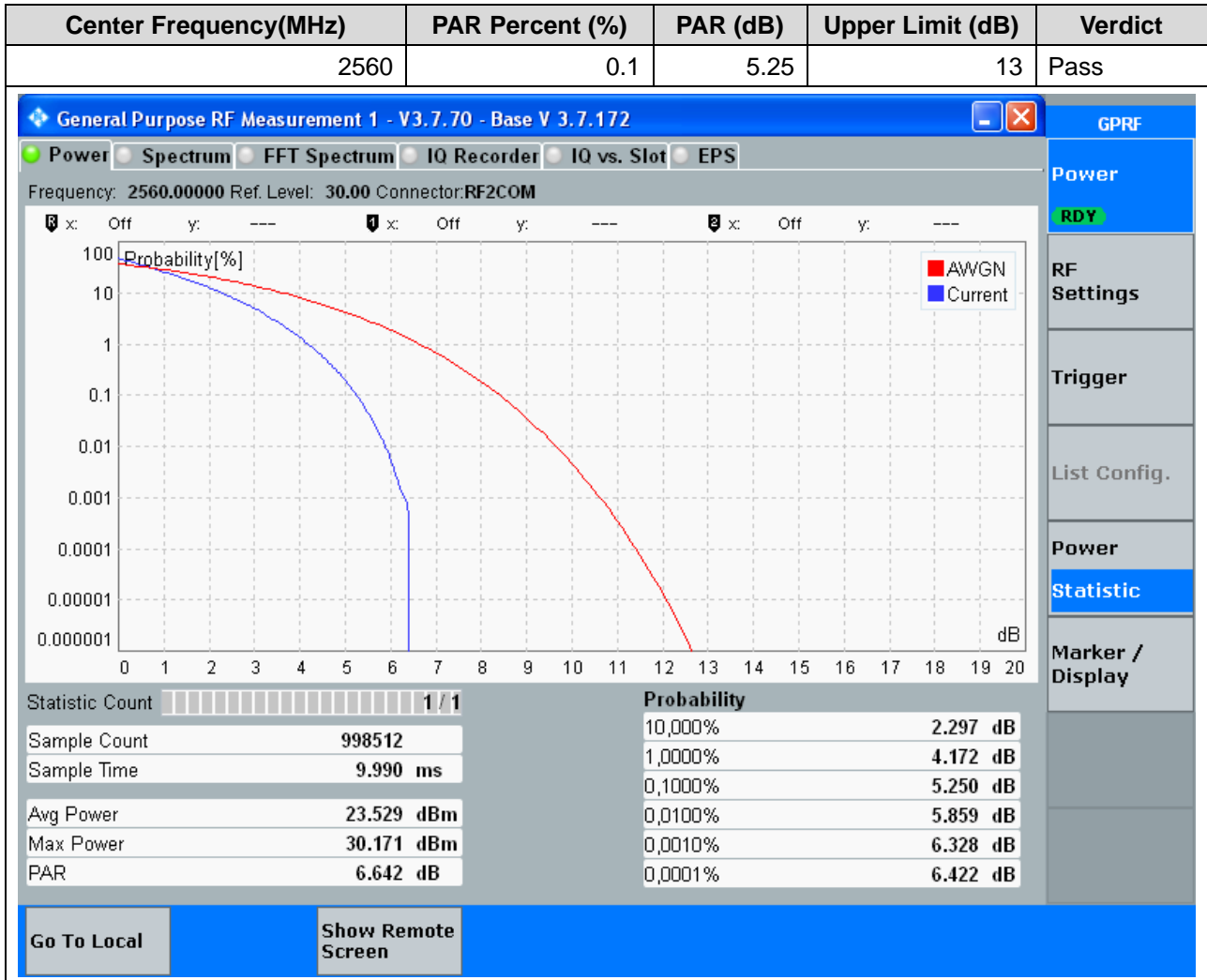
4.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



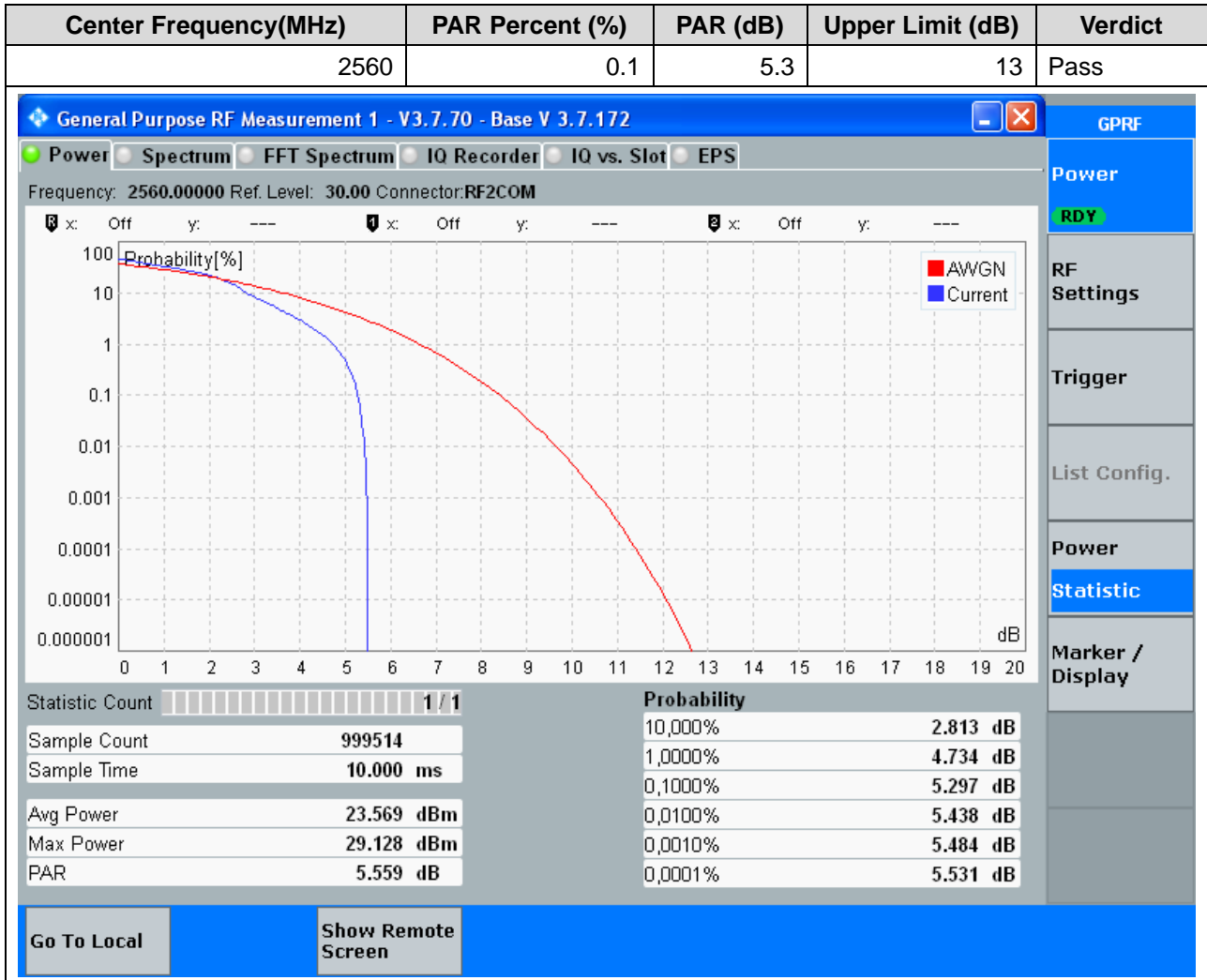
4.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



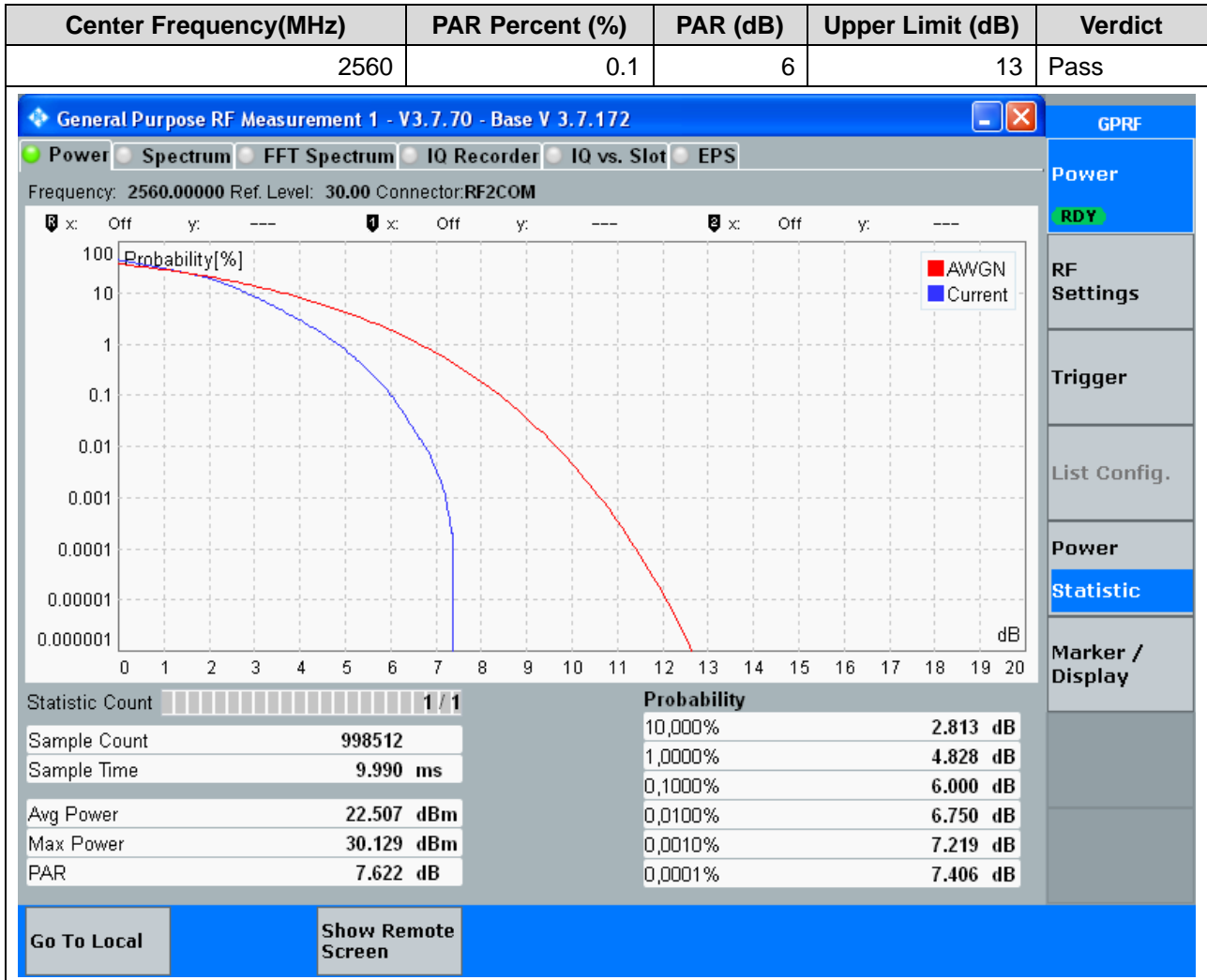
4.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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

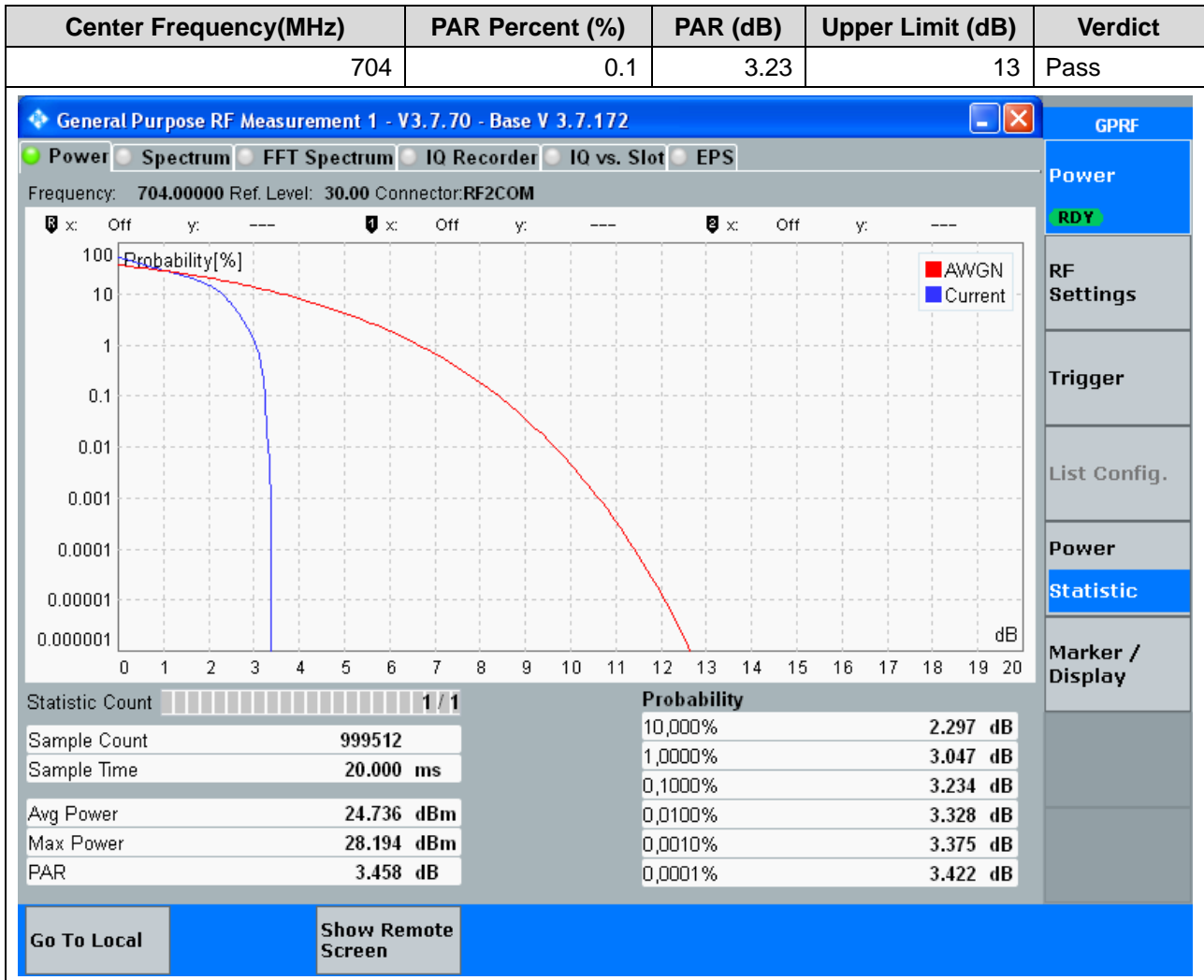


4.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

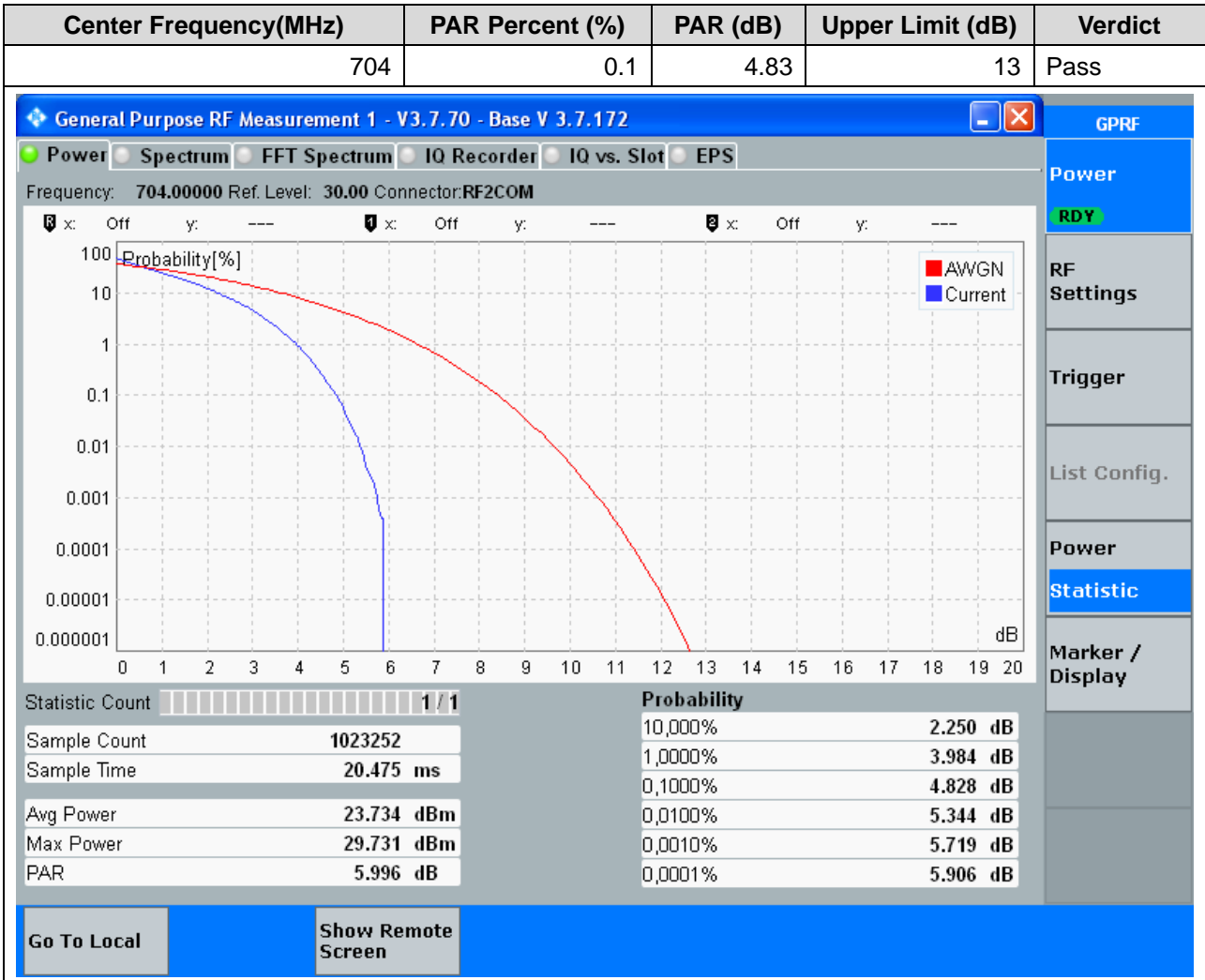


5. LTE_Band12

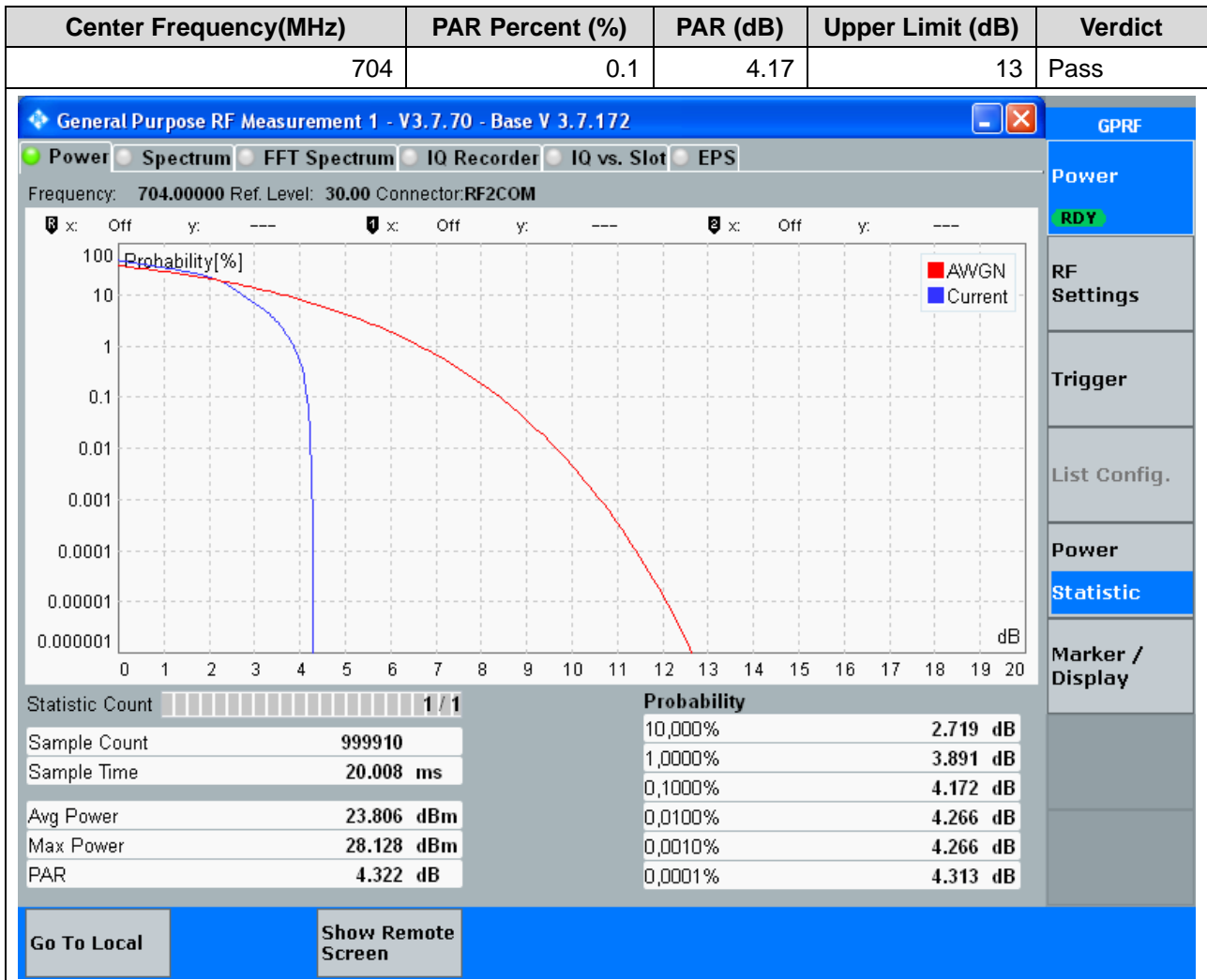
5.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



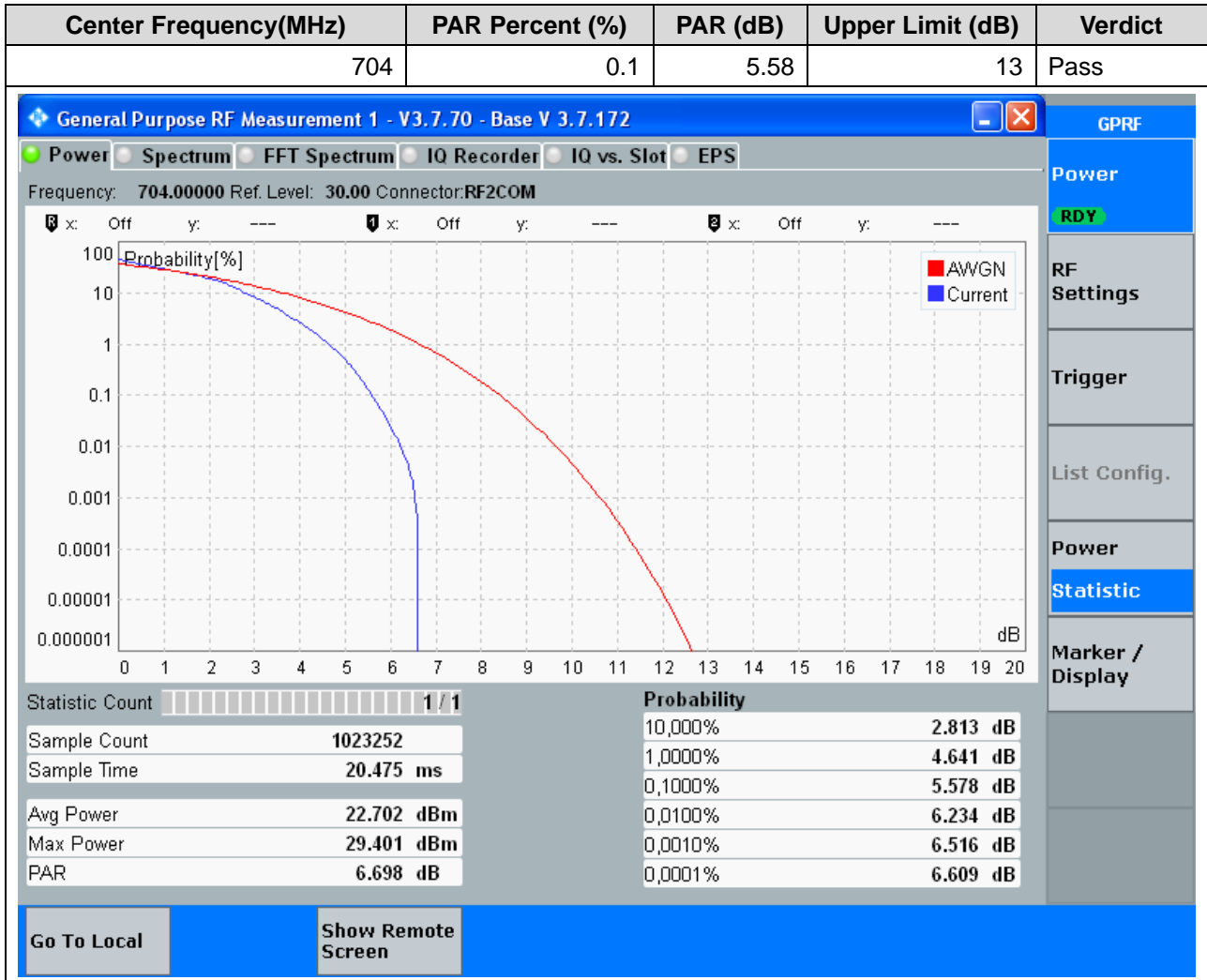
5.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



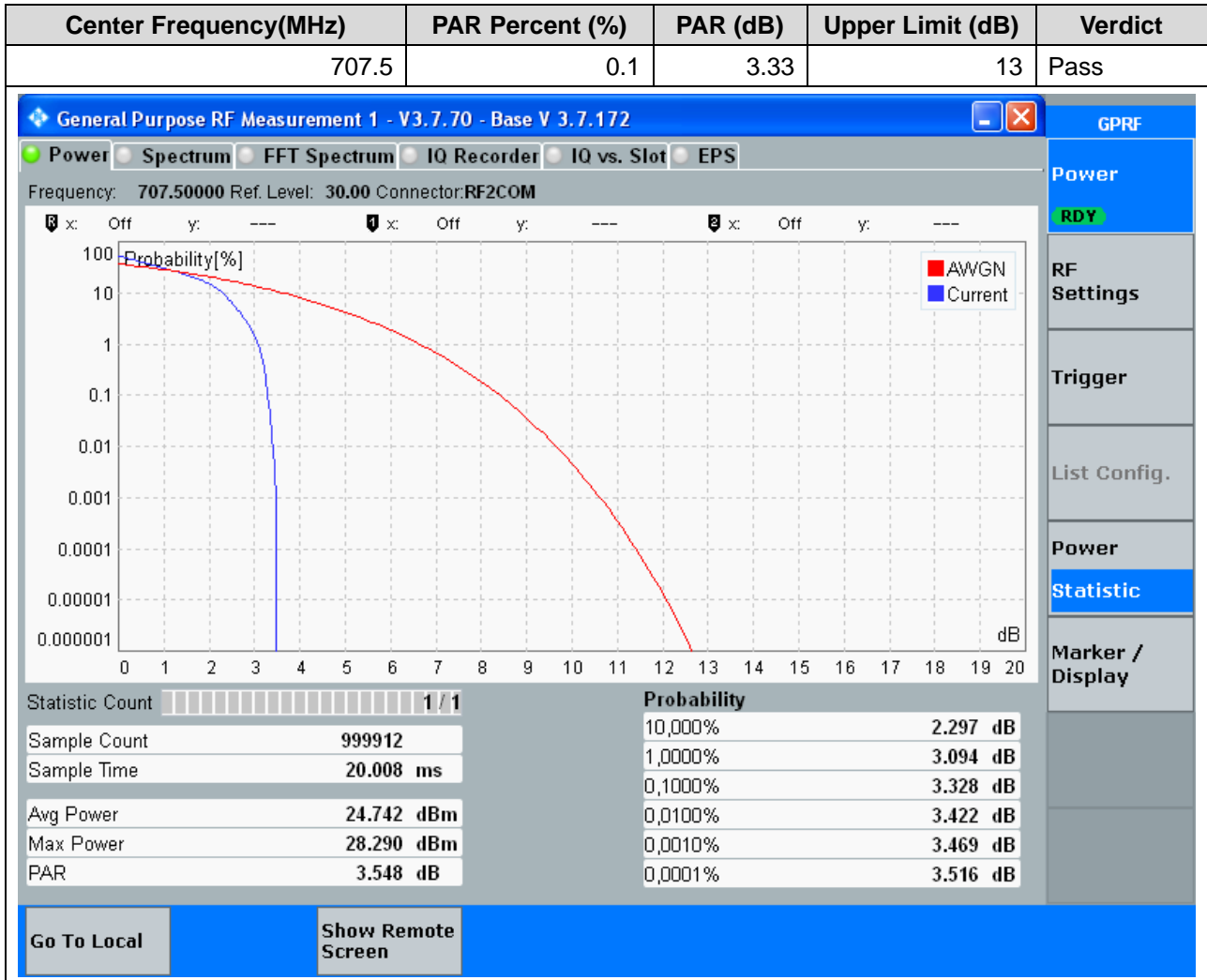
5.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



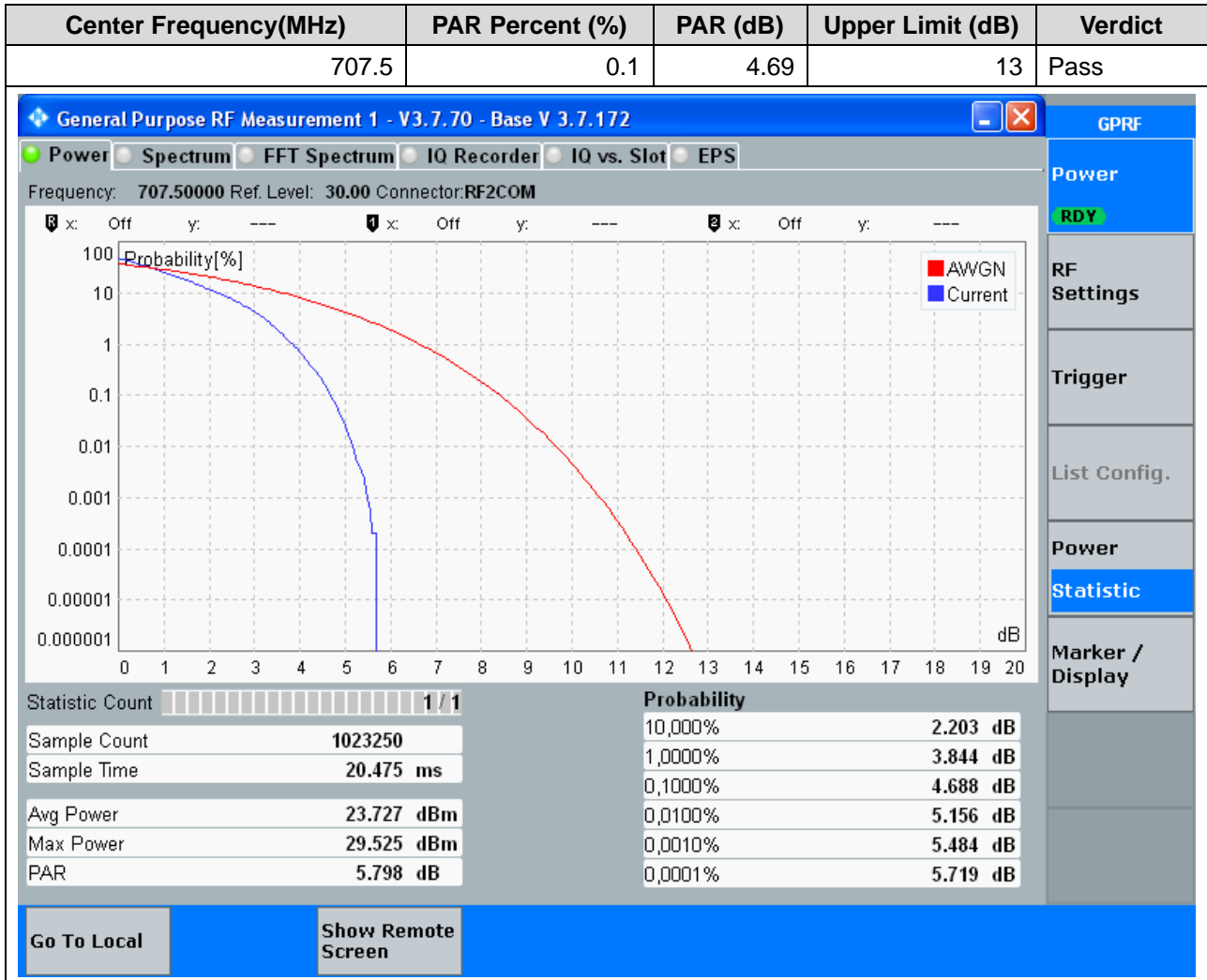
5.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



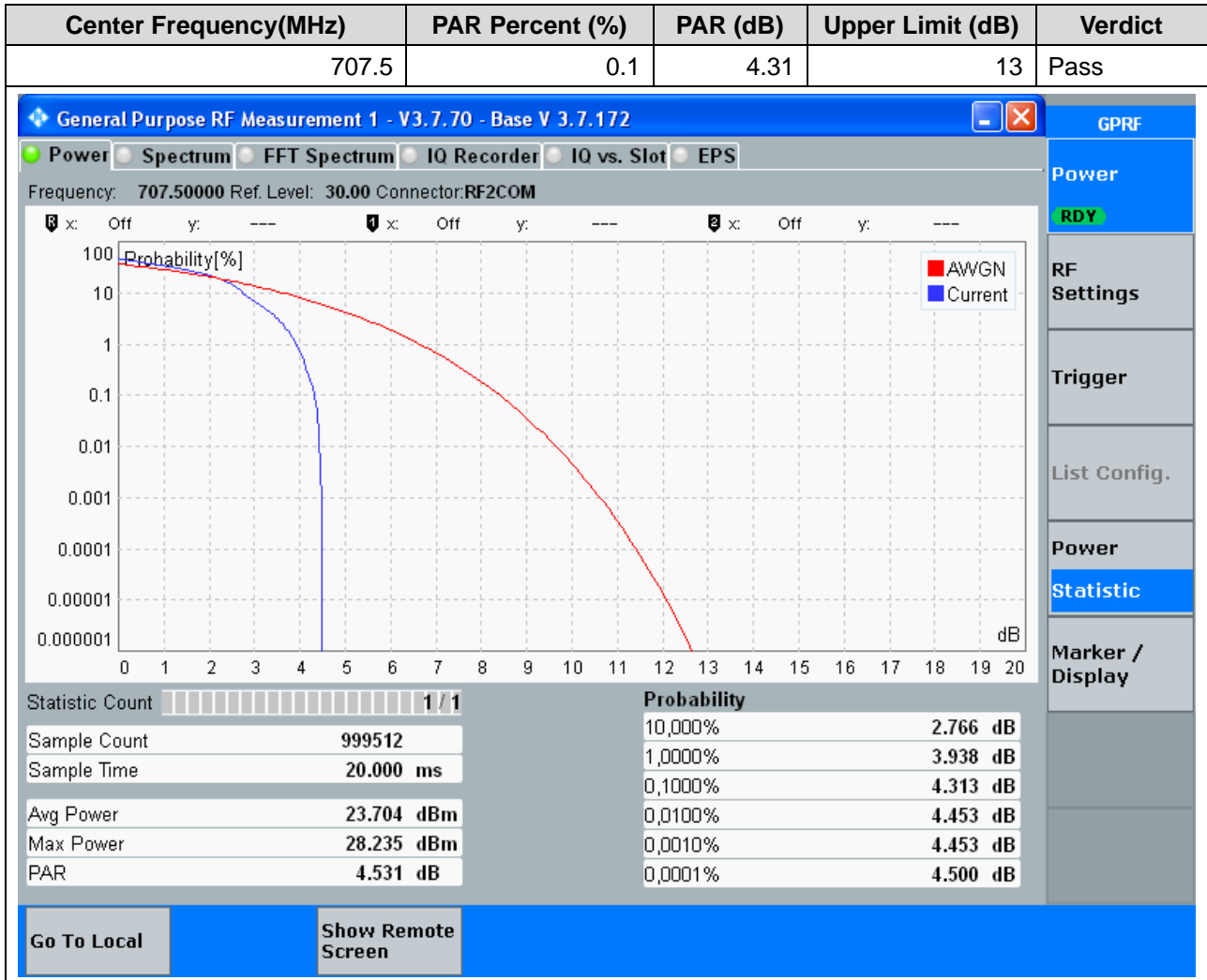
5.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



5.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



5.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



5.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	5.44	13	Pass

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

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

Frequency: 707.50000 Ref. Level: 30.00 Connector:RF2COM

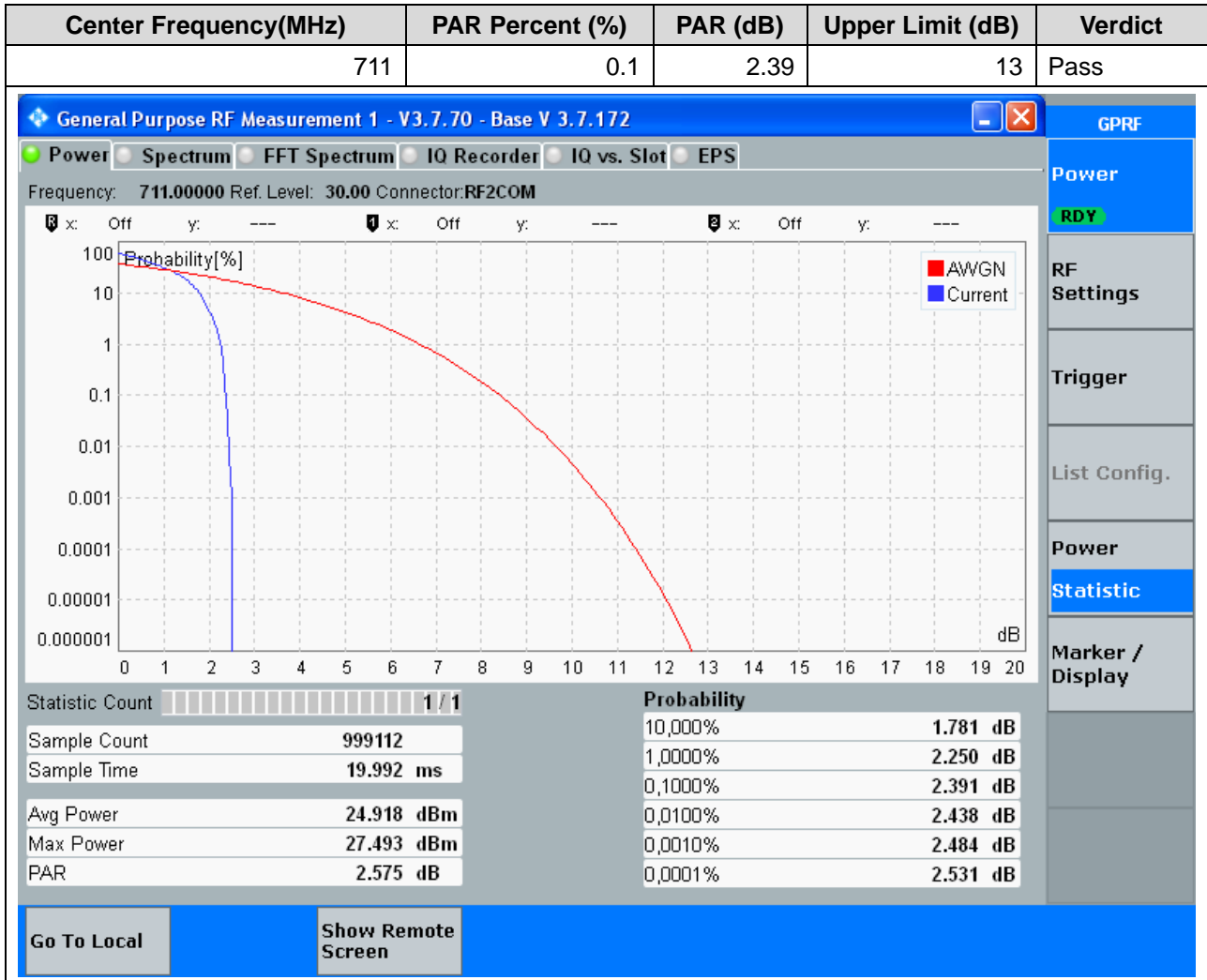
Probability[%]

Statistic Count	Value
Sample Count	1023670
Sample Time	20.483 ms
Avg Power	22.694 dBm
Max Power	29.212 dBm
PAR	6.518 dB

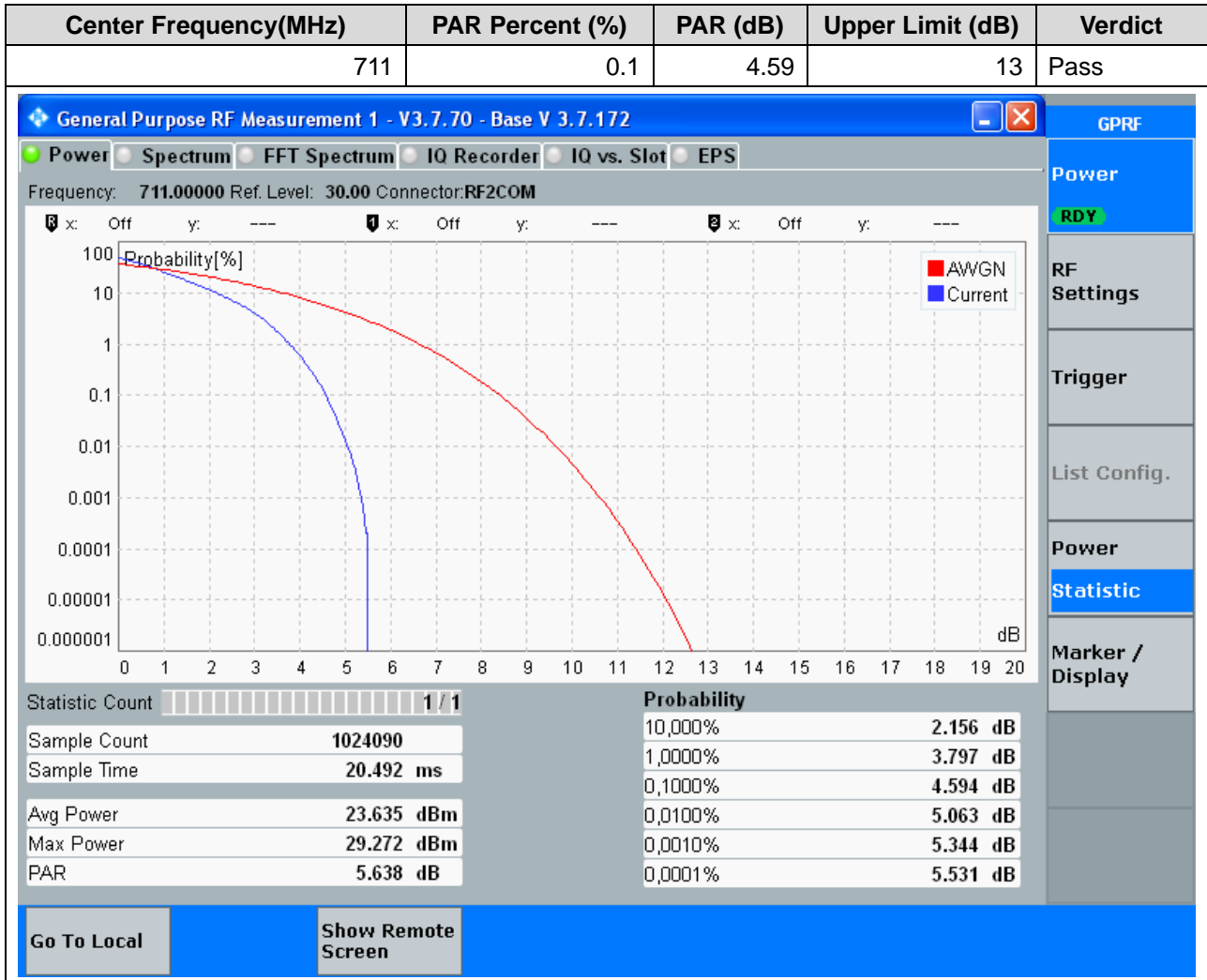
Probability	Value
10,000%	2.813 dB
1,0000%	4.500 dB
0,1000%	5.438 dB
0,0100%	5.953 dB
0,0010%	6.328 dB
0,0001%	6.422 dB

Go To Local
Show Remote Screen

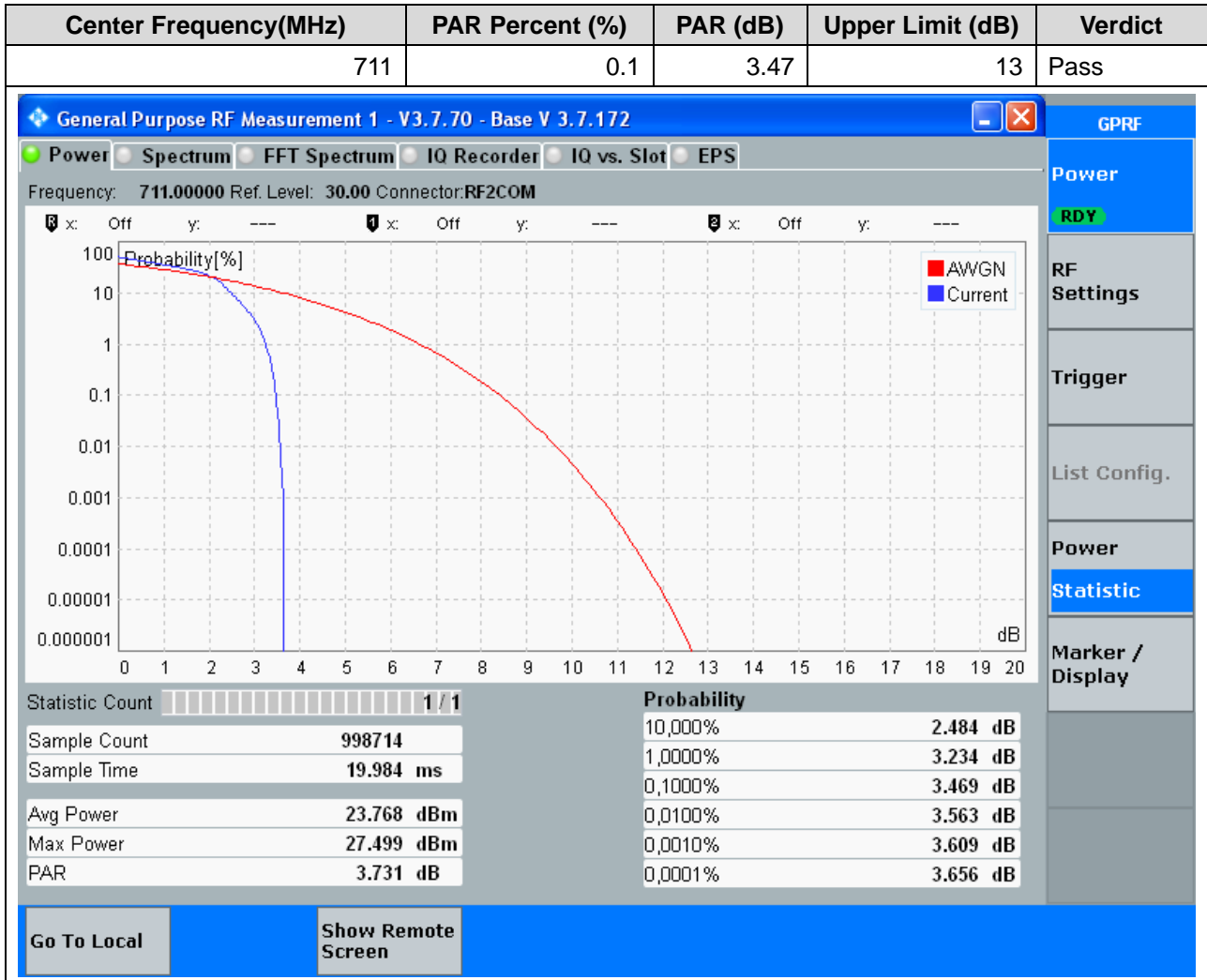
5.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



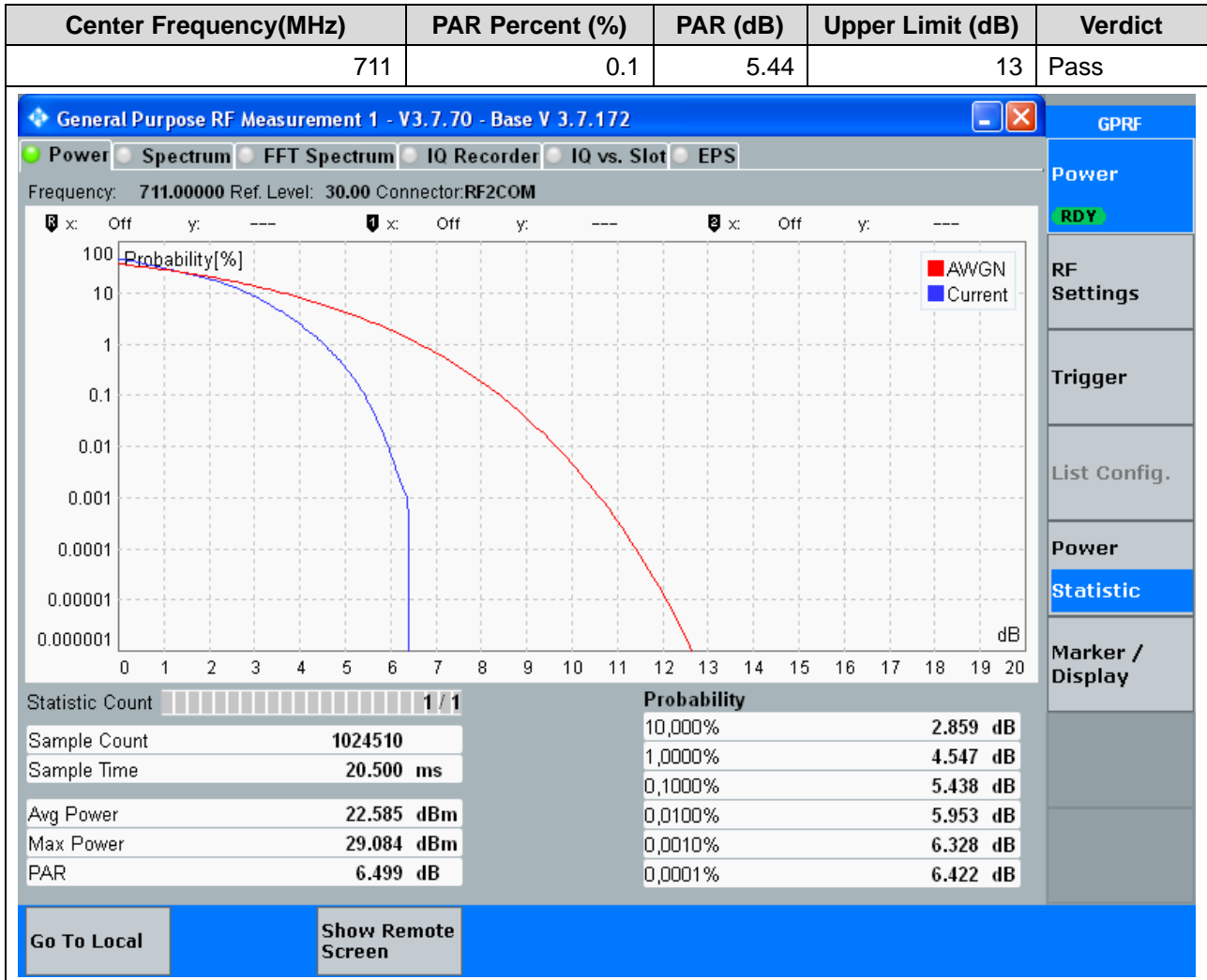
5.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



5.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

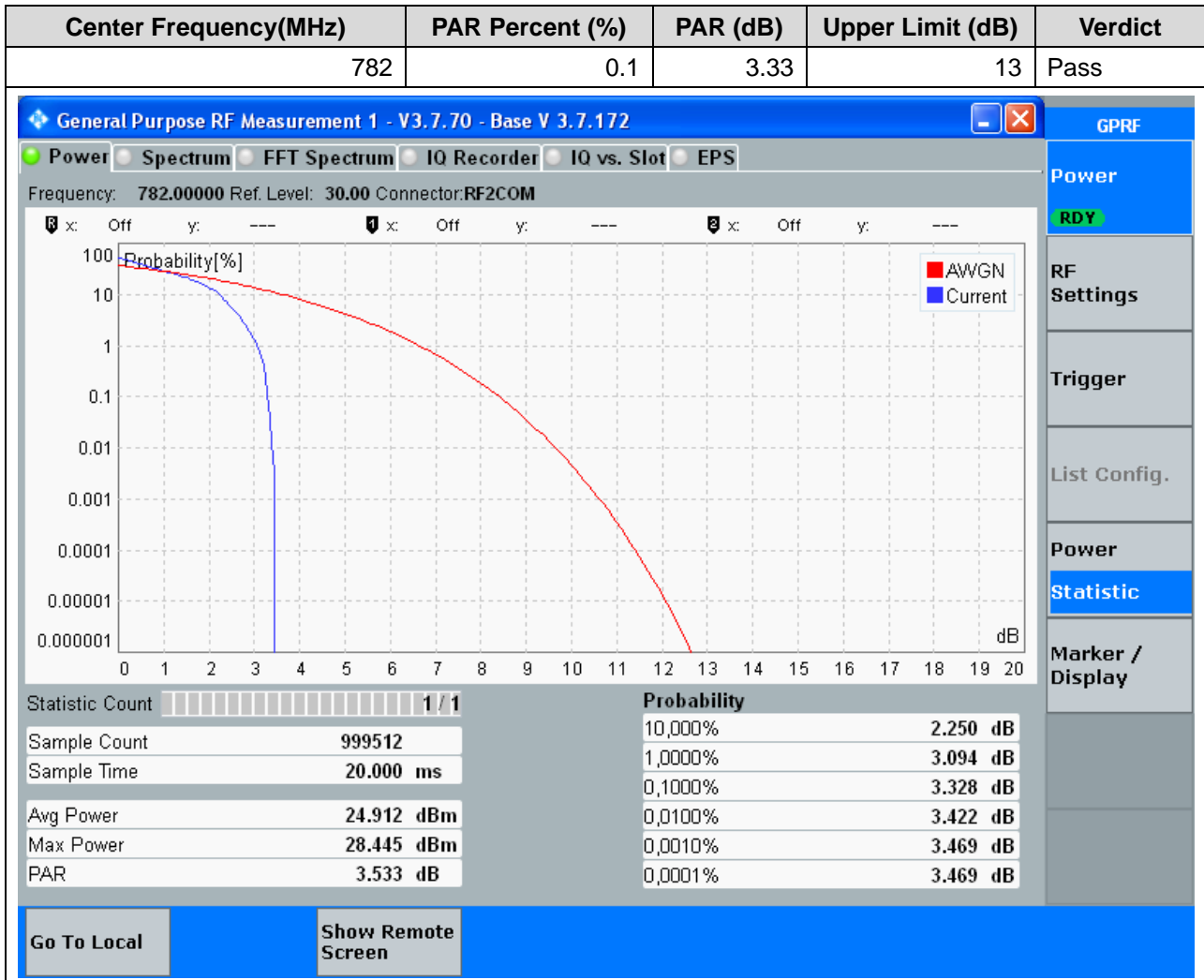


5.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

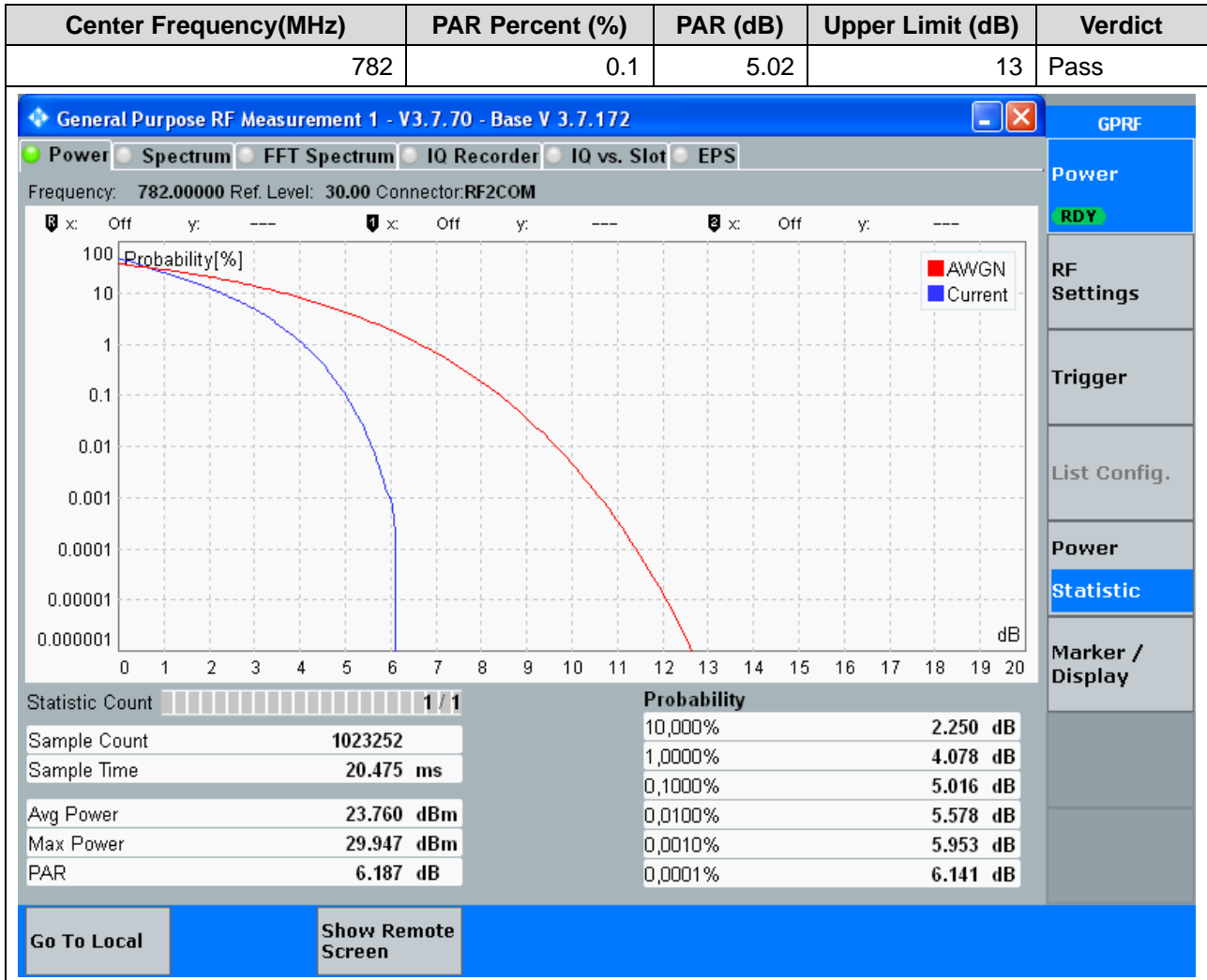


6. LTE_Band13

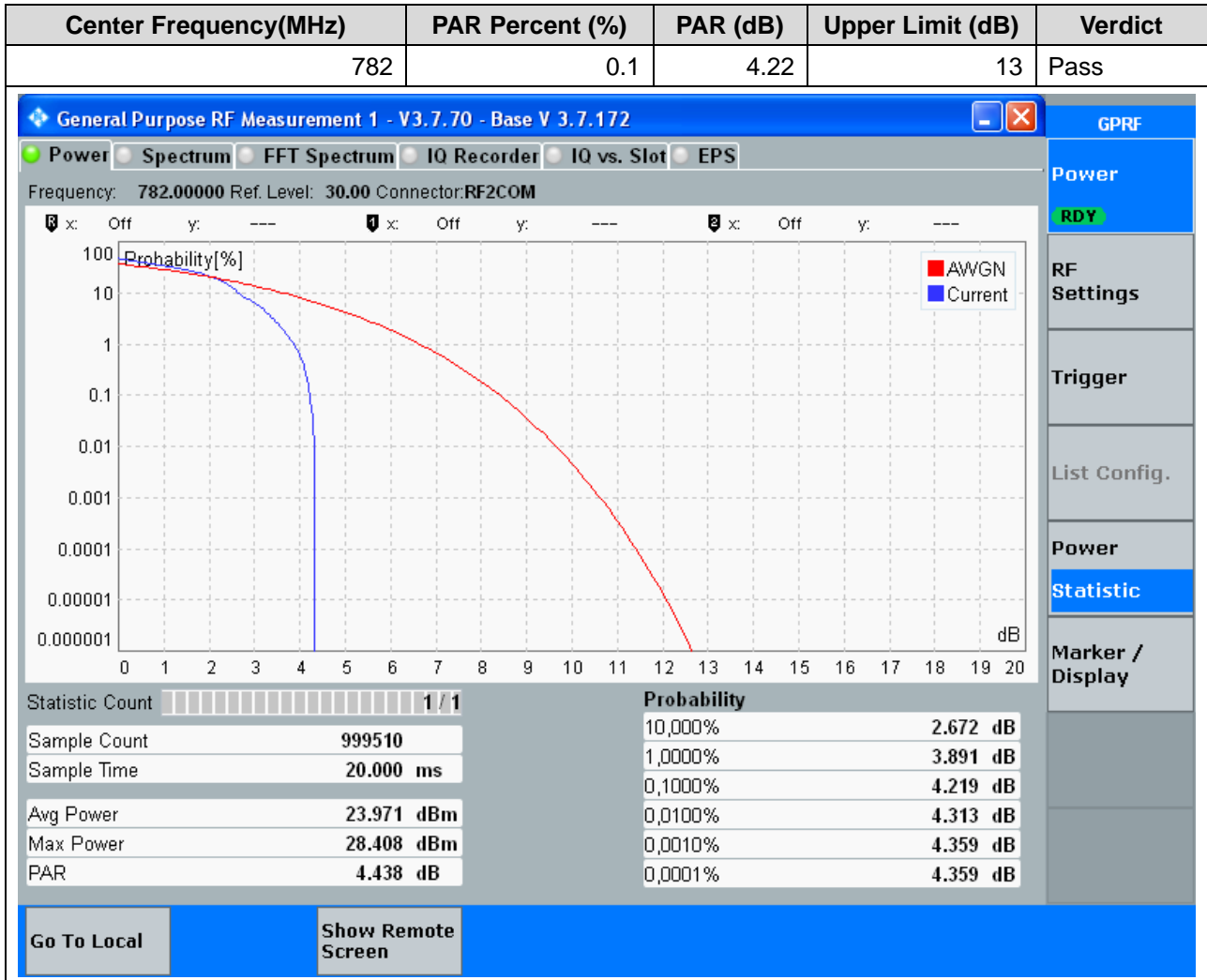
6.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



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



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



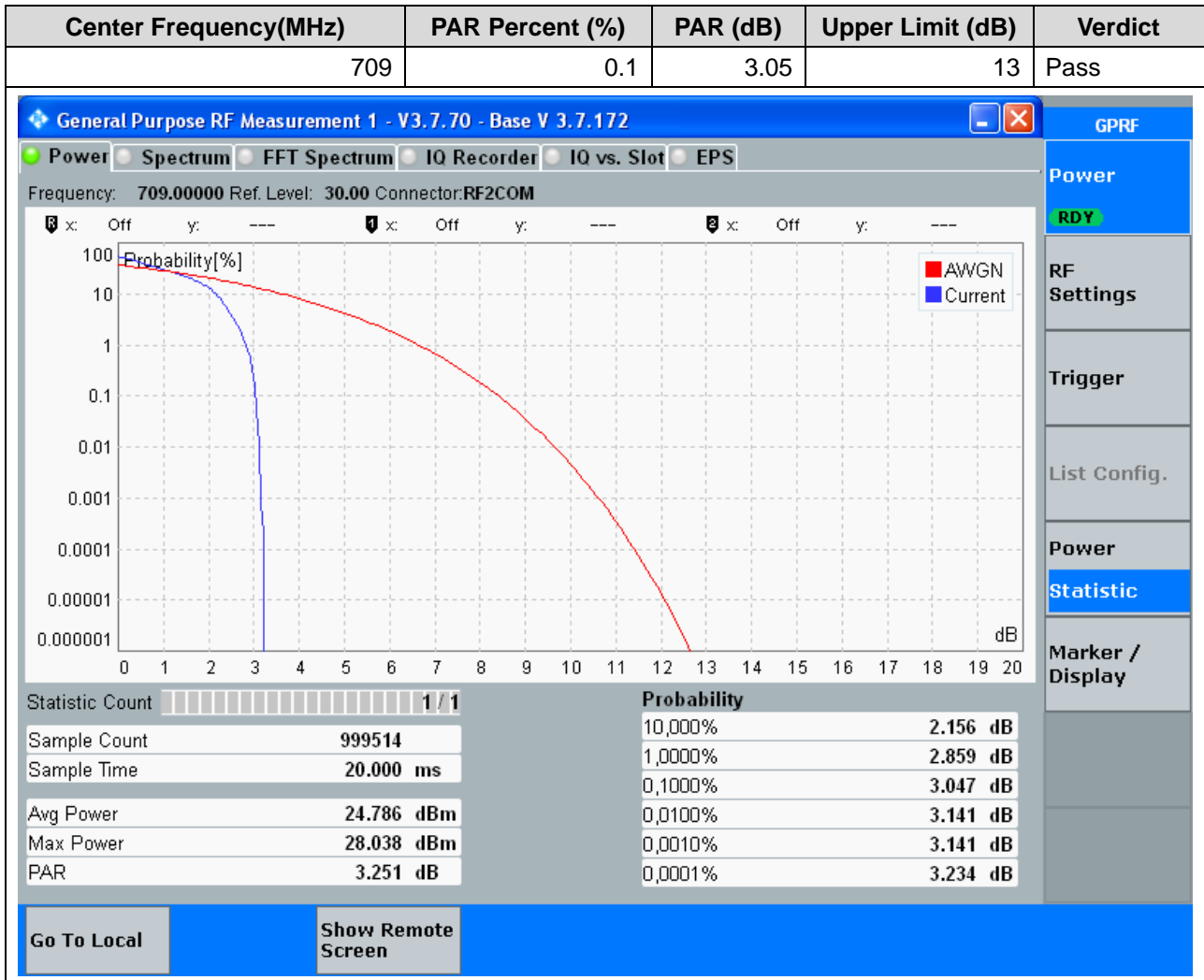
6.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	5.77	13	Pass

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.813 dB
Sample Time	20.483 ms	1,0000%	4.734 dB
Avg Power	22.739 dBm	0,1000%	5.766 dB
Max Power	29.733 dBm	0,0100%	6.469 dB
PAR	6.994 dB	0,0010%	6.797 dB
		0,0001%	6.891 dB

7. LTE_Band17

7.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



7.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	4.69	13	Pass

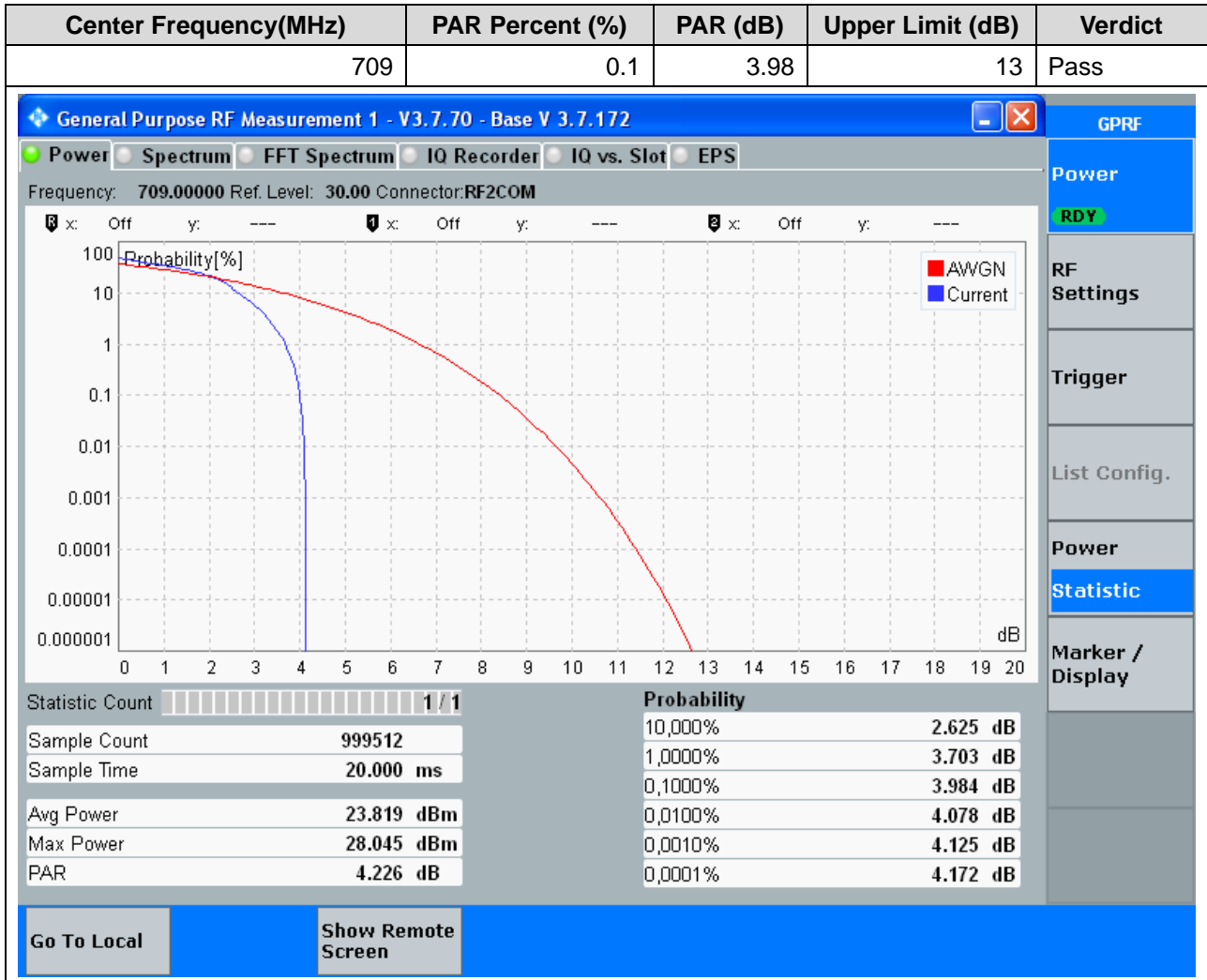
General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172 GPRF

Power
 Spectrum
 FFT Spectrum
 IQ Recorder
 IQ vs. Slot
 EPS

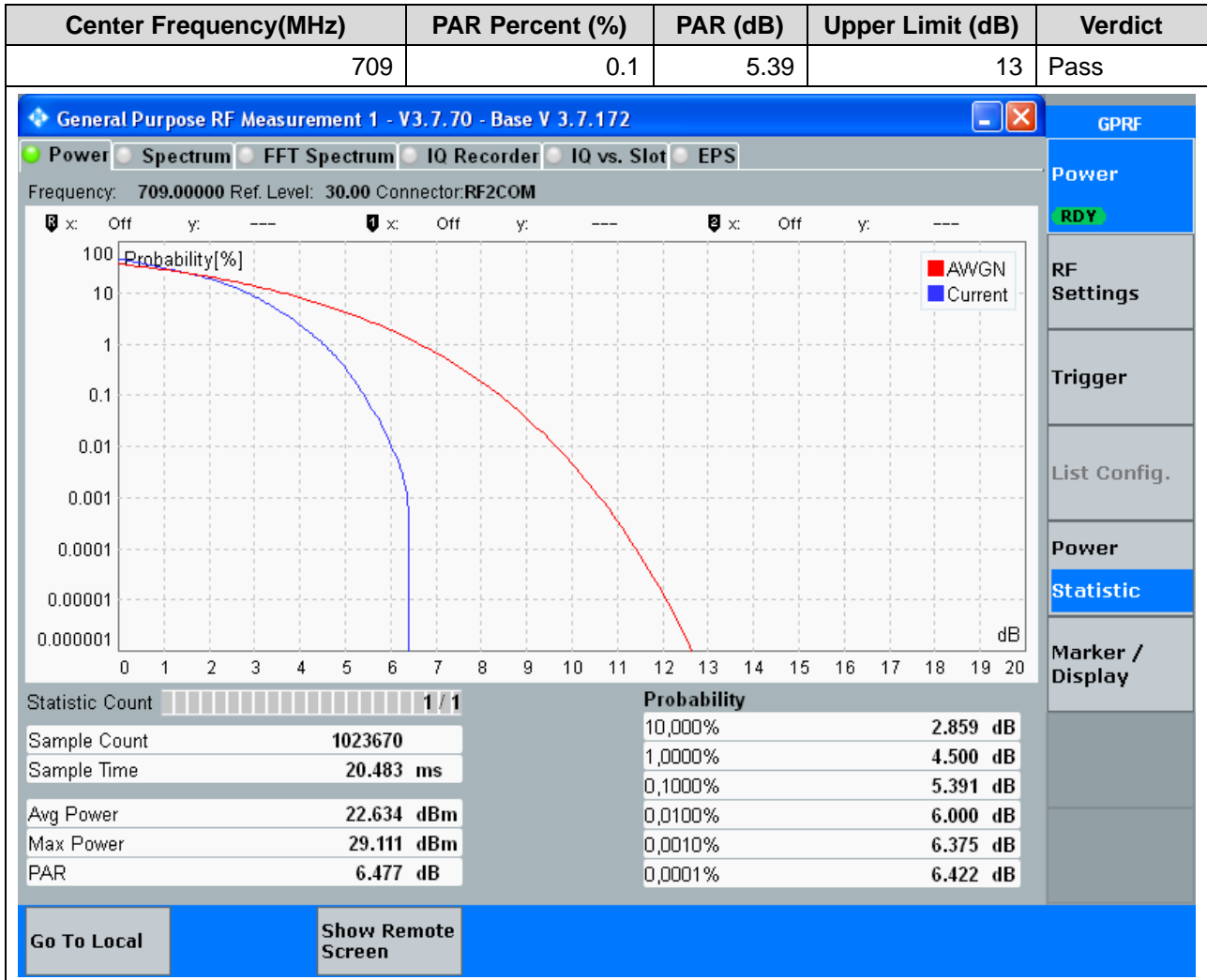
Frequency: **709.00000** Ref. Level: **30.00** Connector: **RF2COM**

Statistic Count		Probability	
Sample Count	1023670	10,000%	2.203 dB
Sample Time	20.483 ms	1,0000%	3.844 dB
Avg Power	23.659 dBm	0,1000%	4.688 dB
Max Power	29.490 dBm	0,0100%	5.203 dB
PAR	5.831 dB	0,0010%	5.625 dB
		0,0001%	5.766 dB

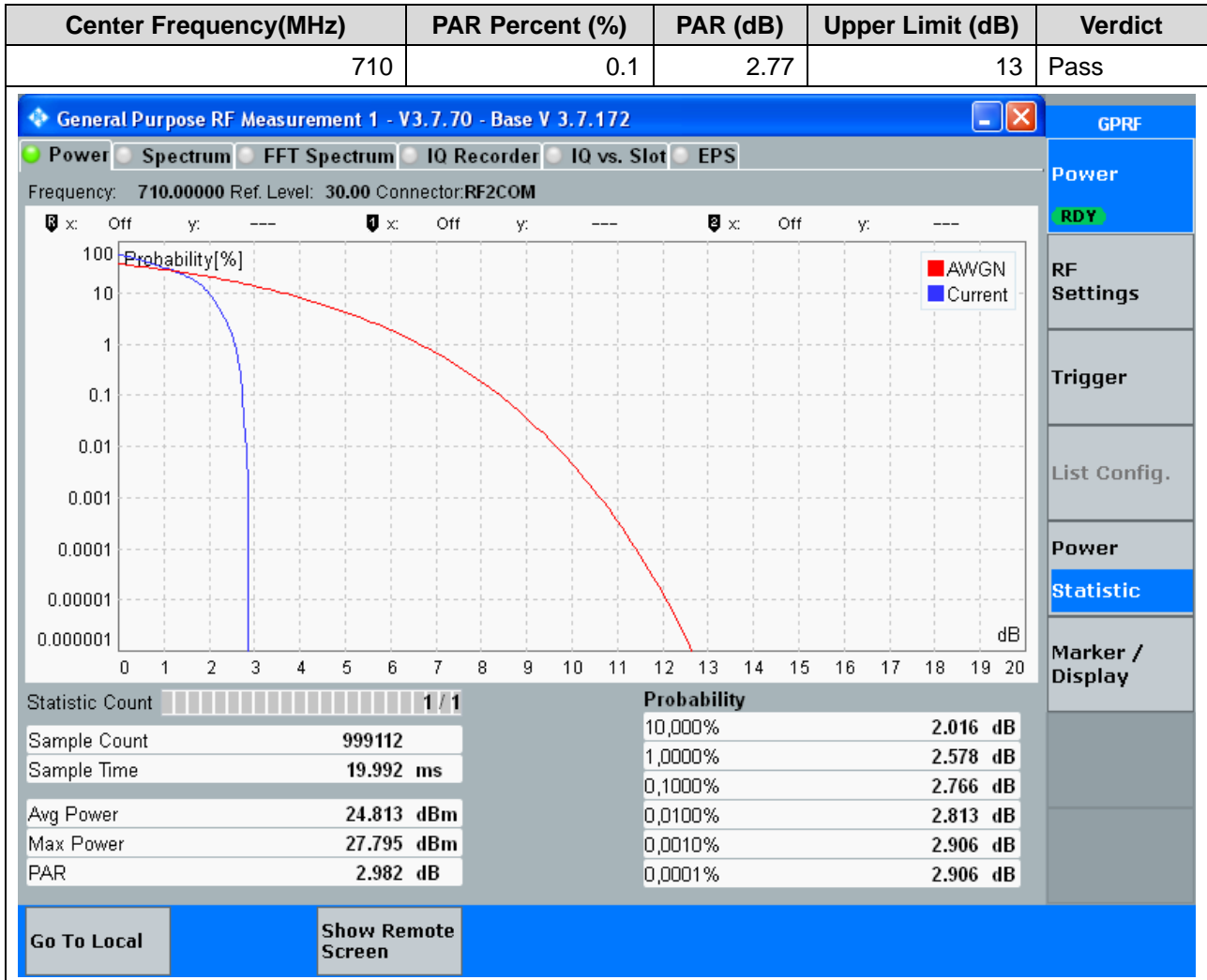
7.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



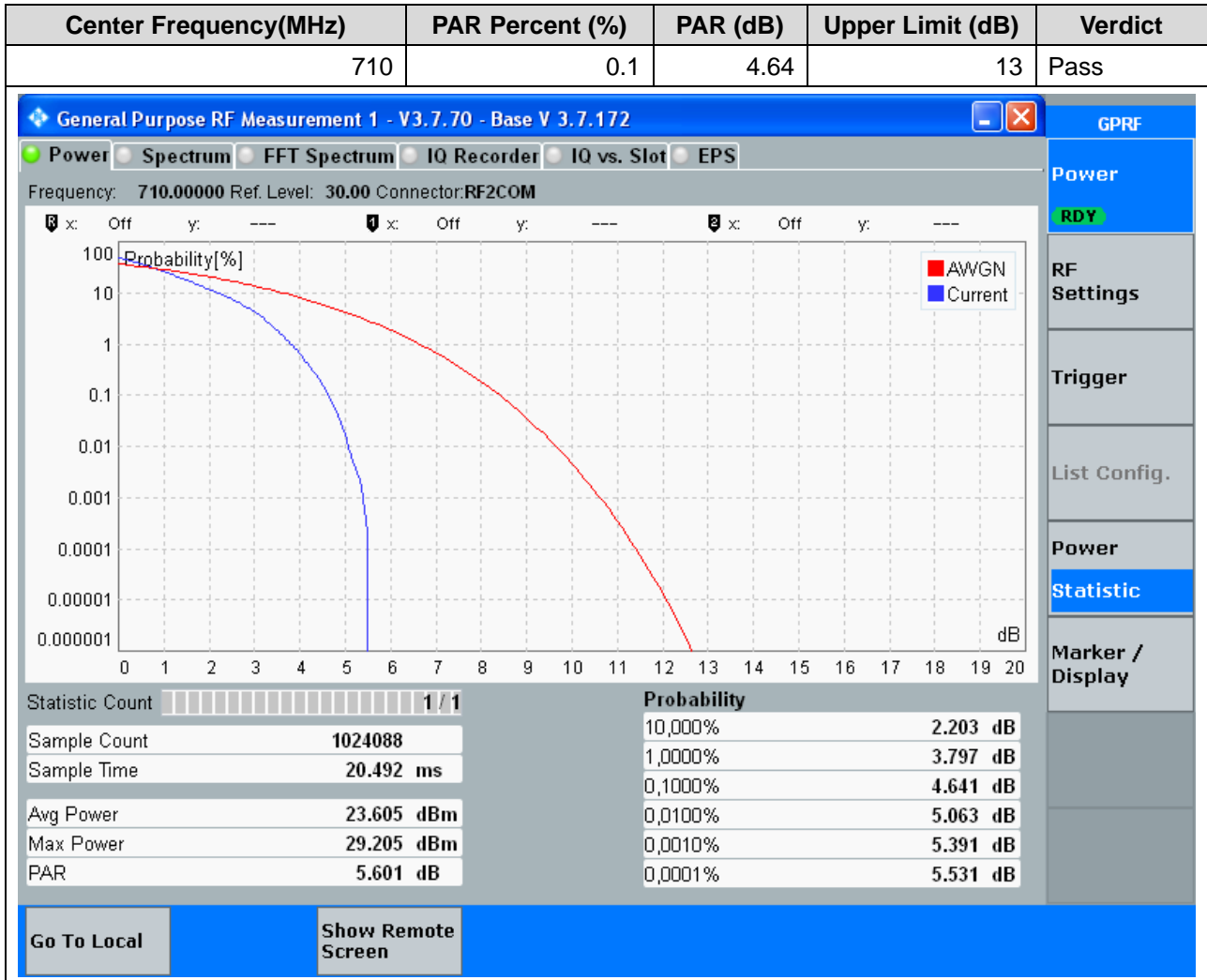
7.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



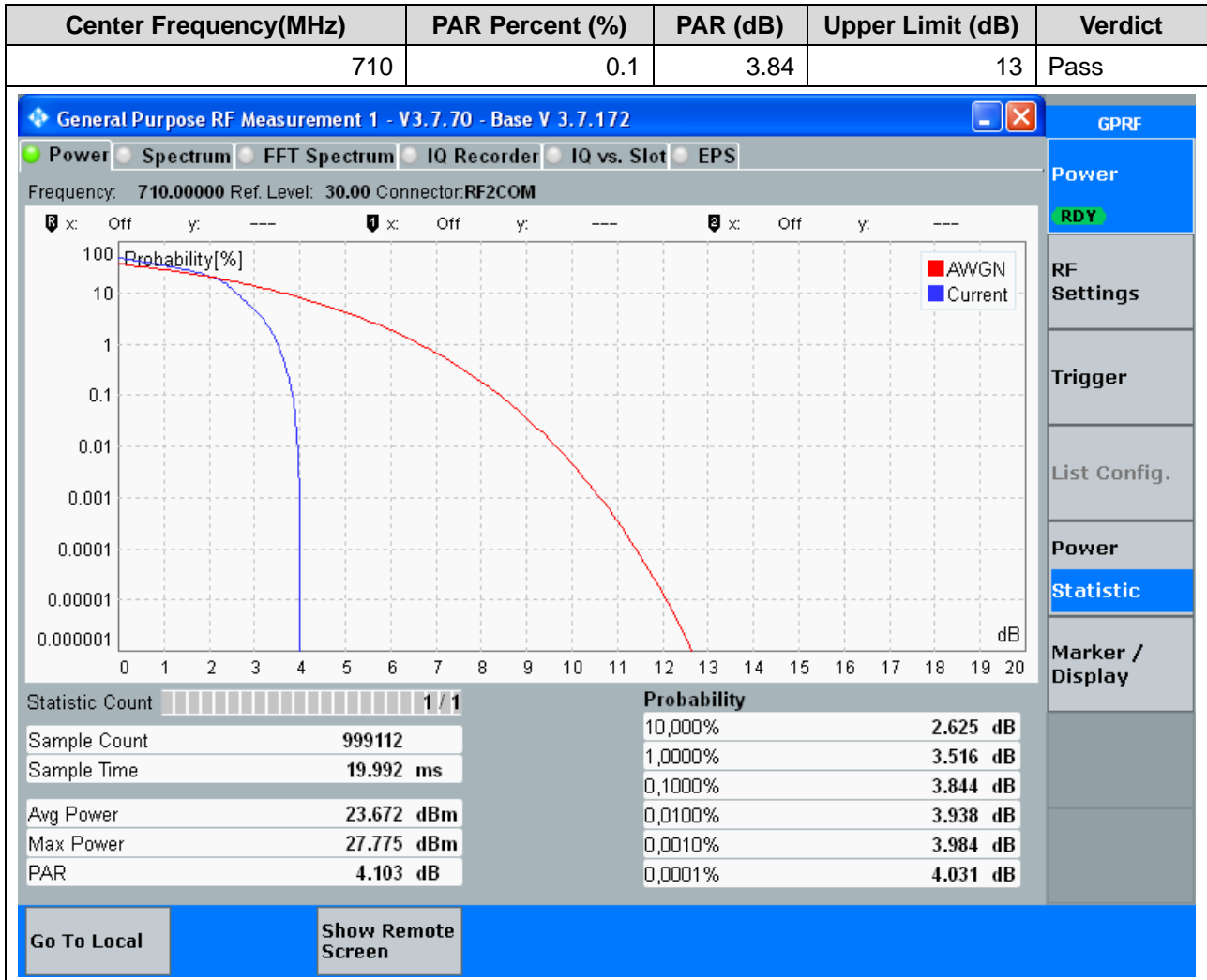
7.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



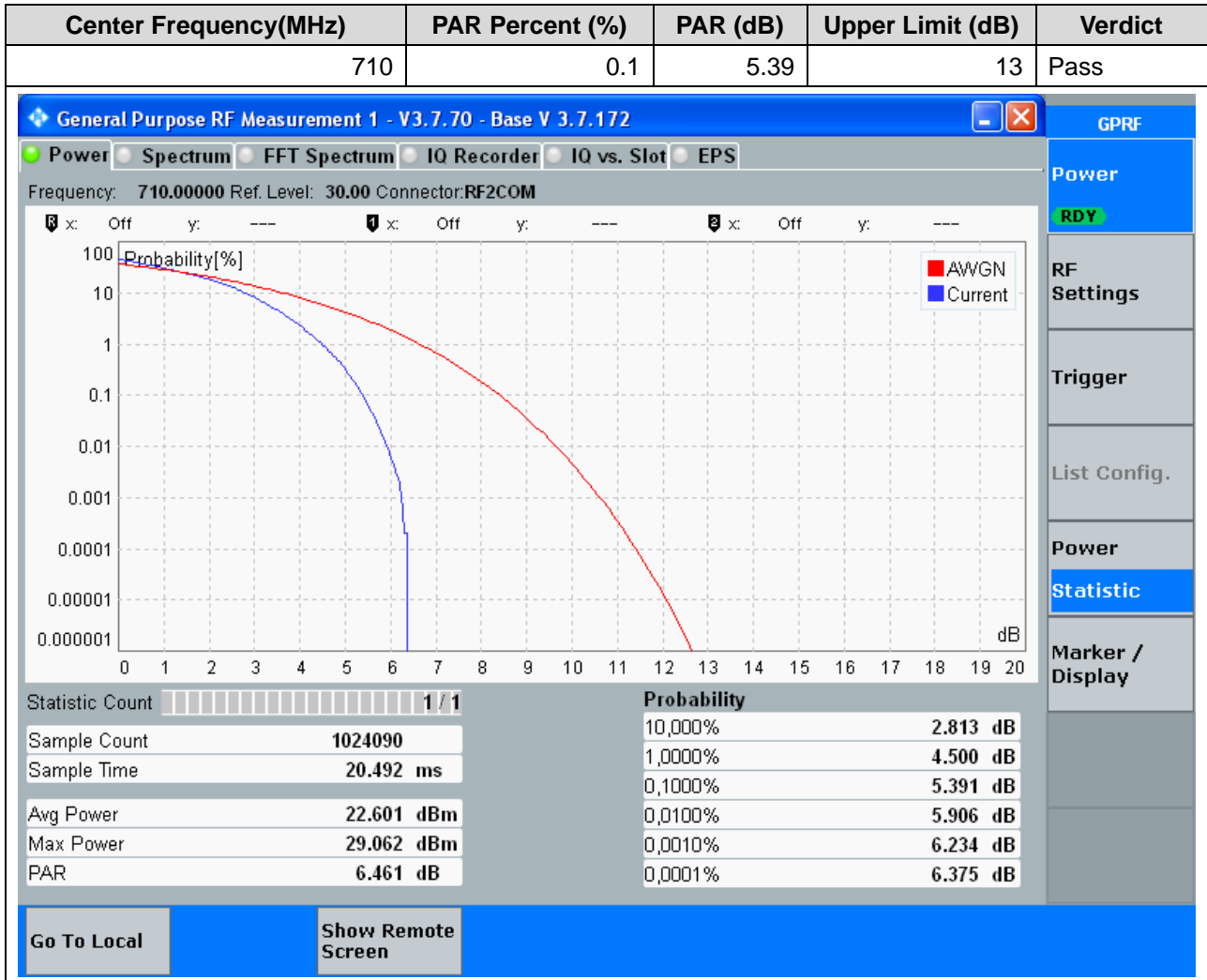
7.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



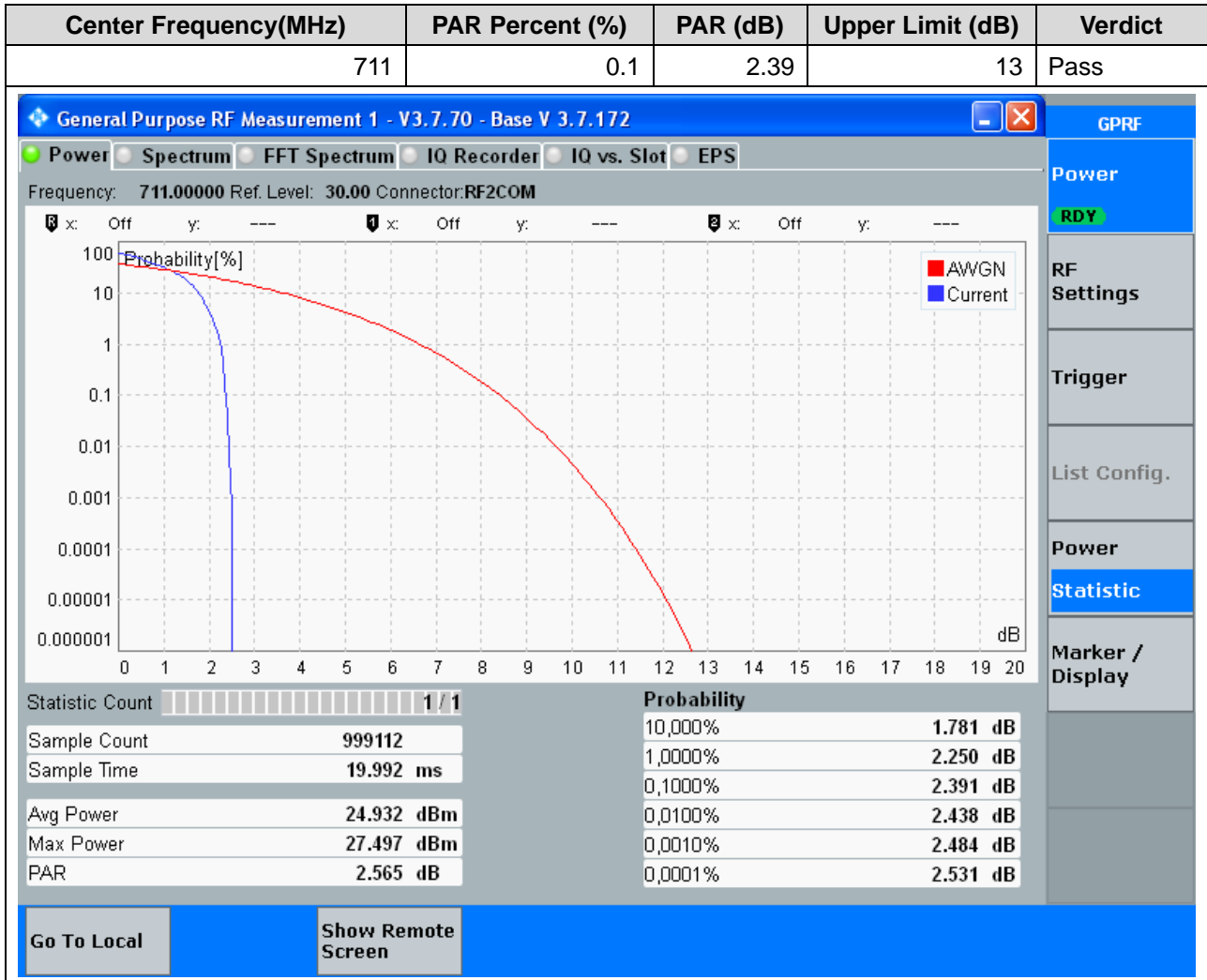
7.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



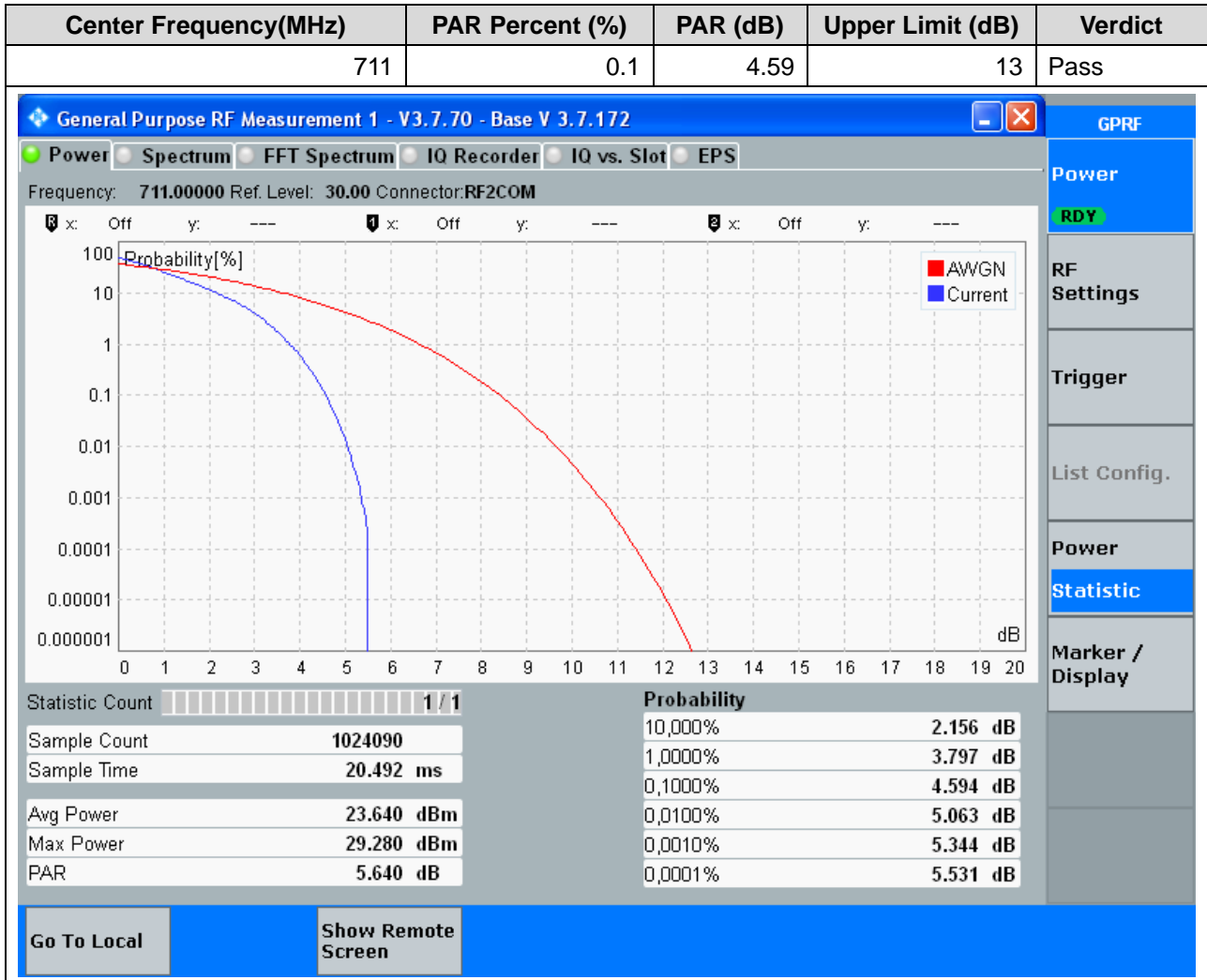
7.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



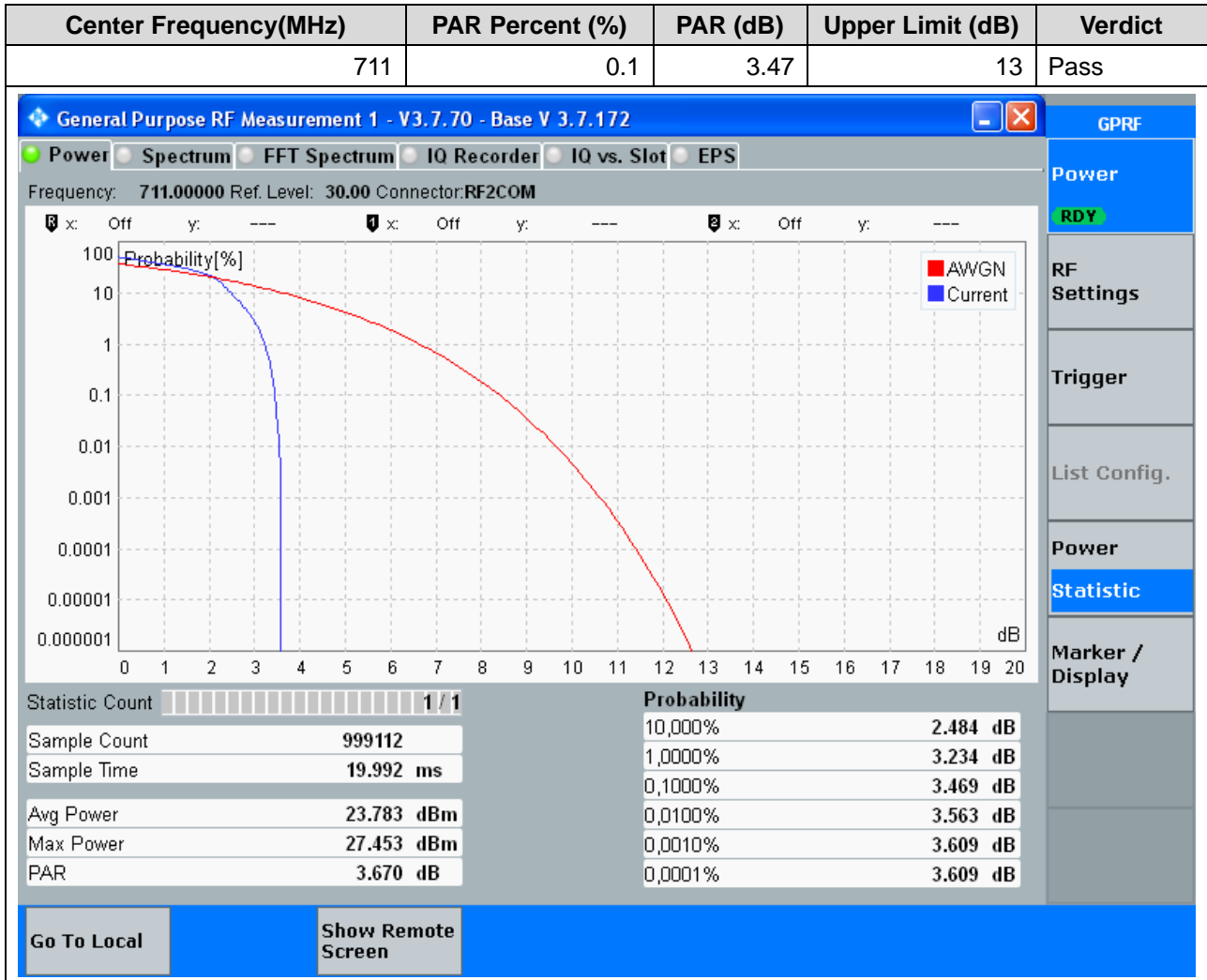
7.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



7.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



7.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



7.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.44	13	Pass

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

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

Frequency: 711.00000 Ref. Level: 30.00 Connector:RF2COM
RDY

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

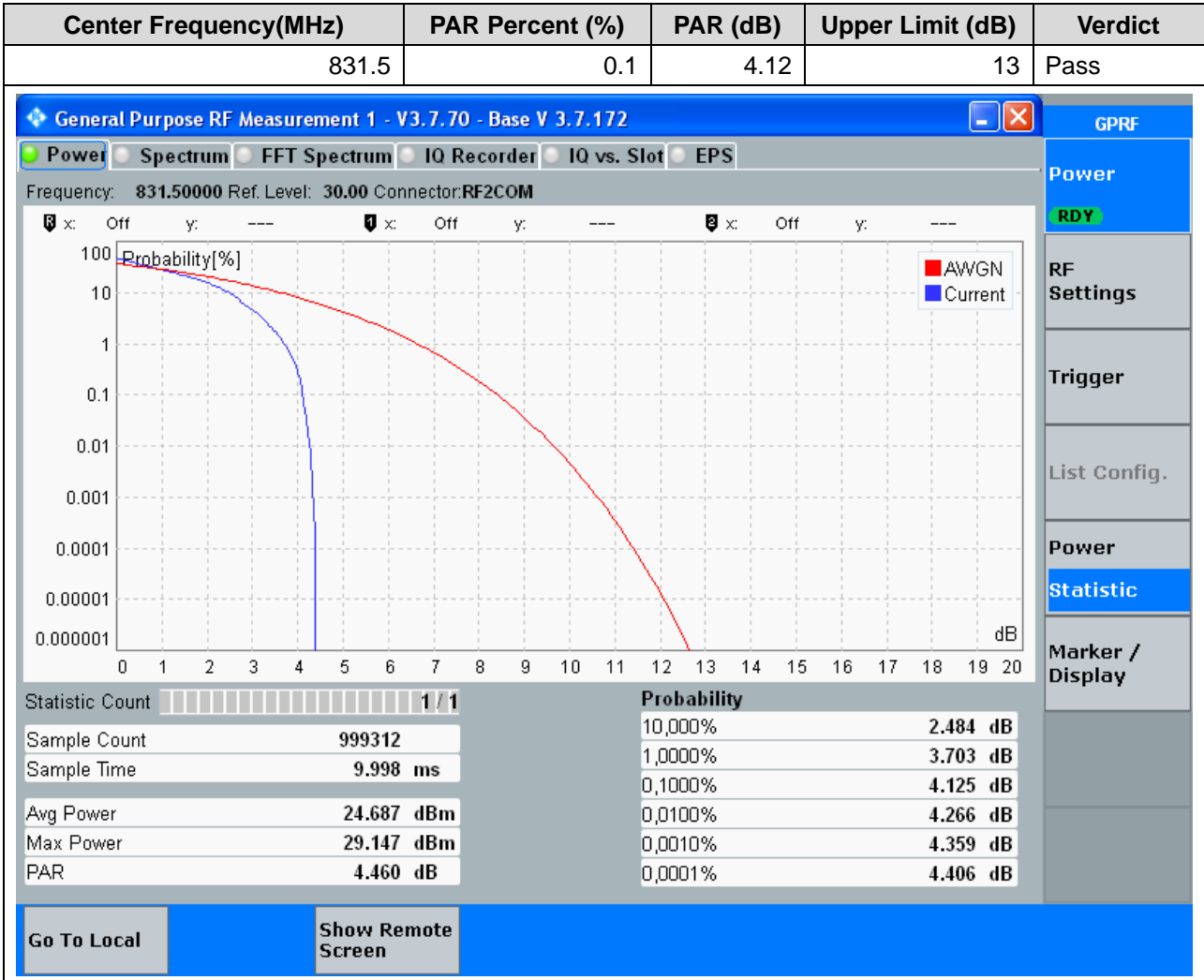
Statistic Count		Probability	
Sample Count	1023670	10,000%	2.813 dB
Sample Time	20.483 ms	1,0000%	4.500 dB
Avg Power	22.573 dBm	0,1000%	5.438 dB
Max Power	29.162 dBm	0,0100%	5.953 dB
PAR	6.589 dB	0,0010%	6.281 dB
		0,0001%	6.563 dB

Marker / Display

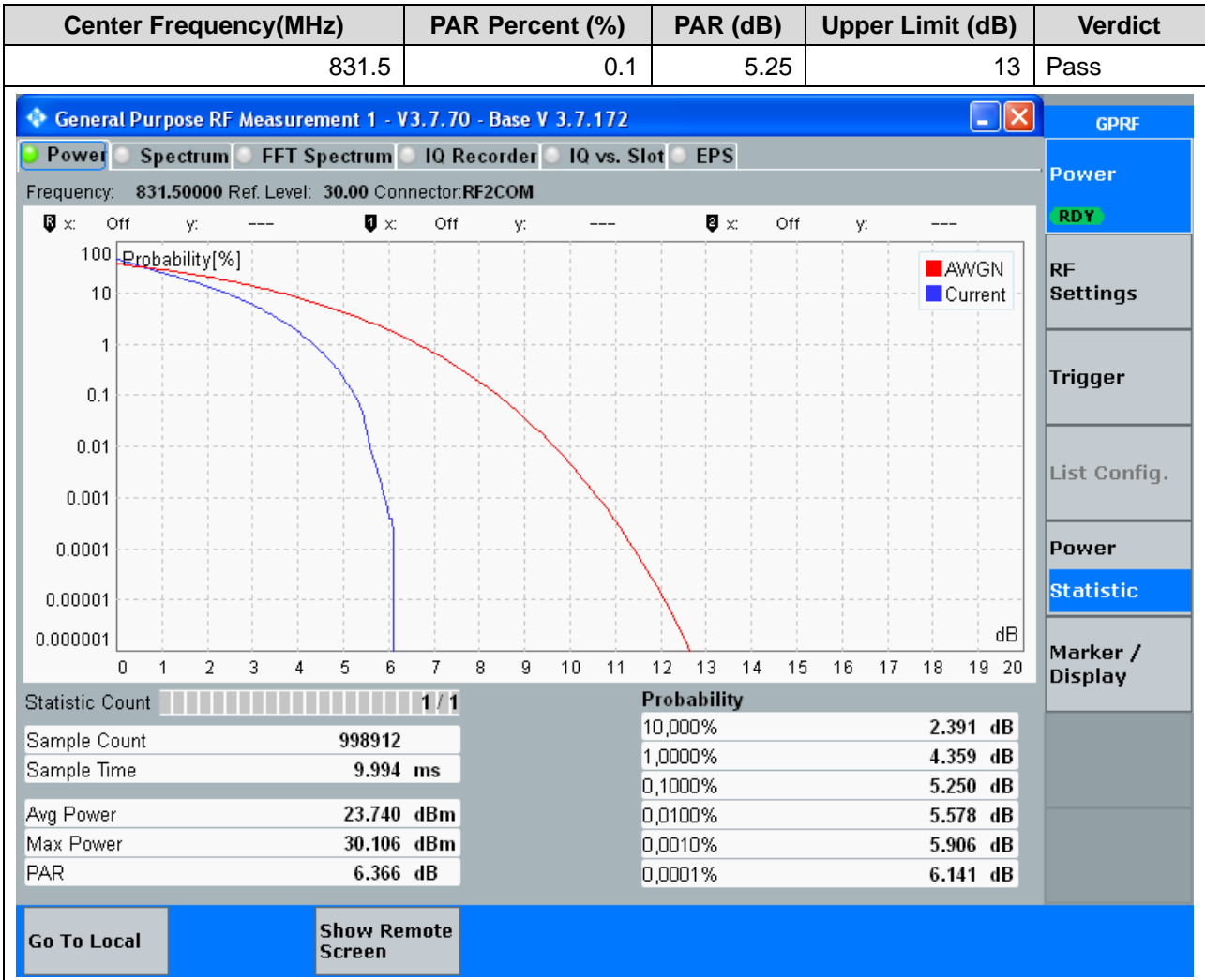
Go To Local
Show Remote Screen

8. LTE_Band26(part22)

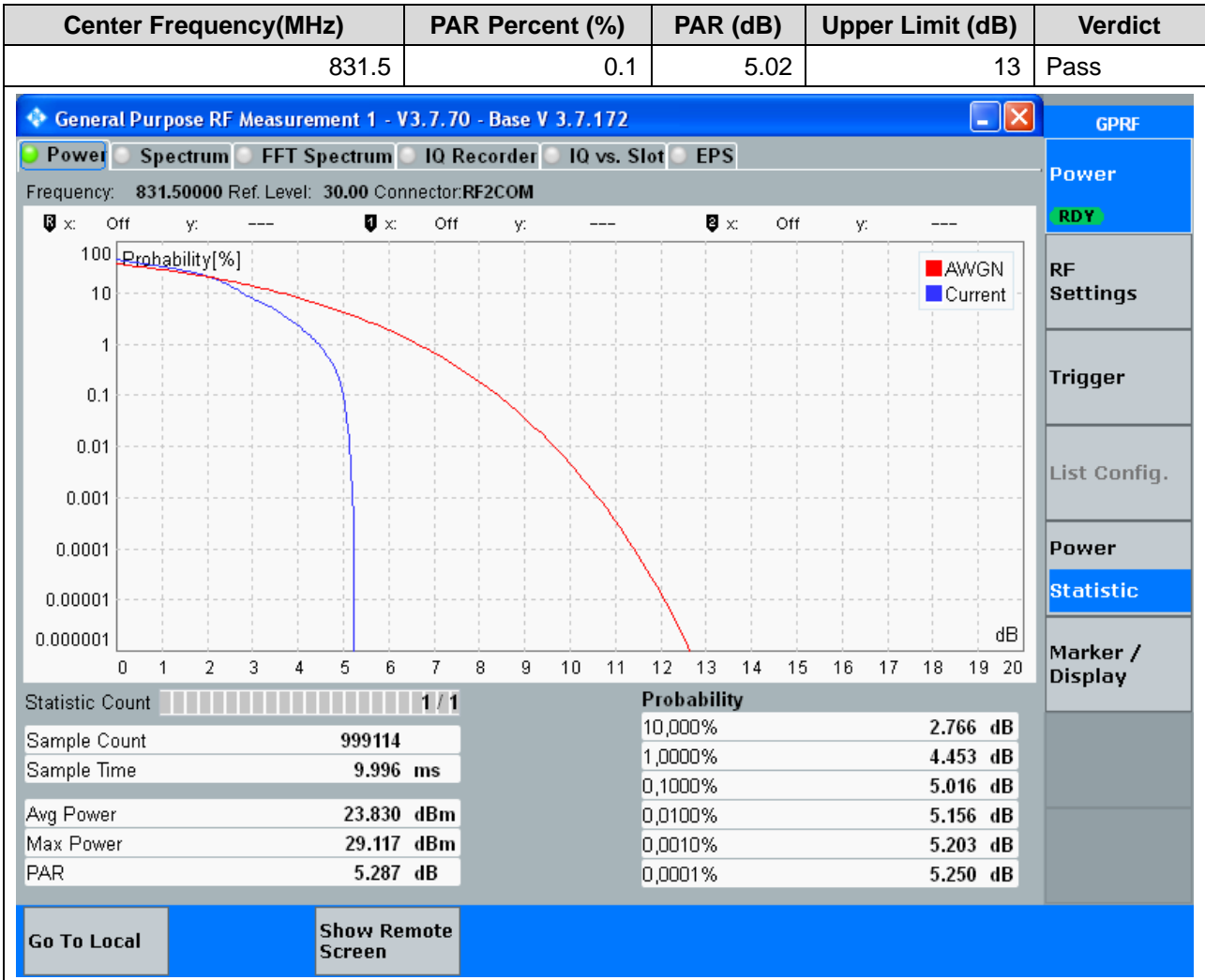
8.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



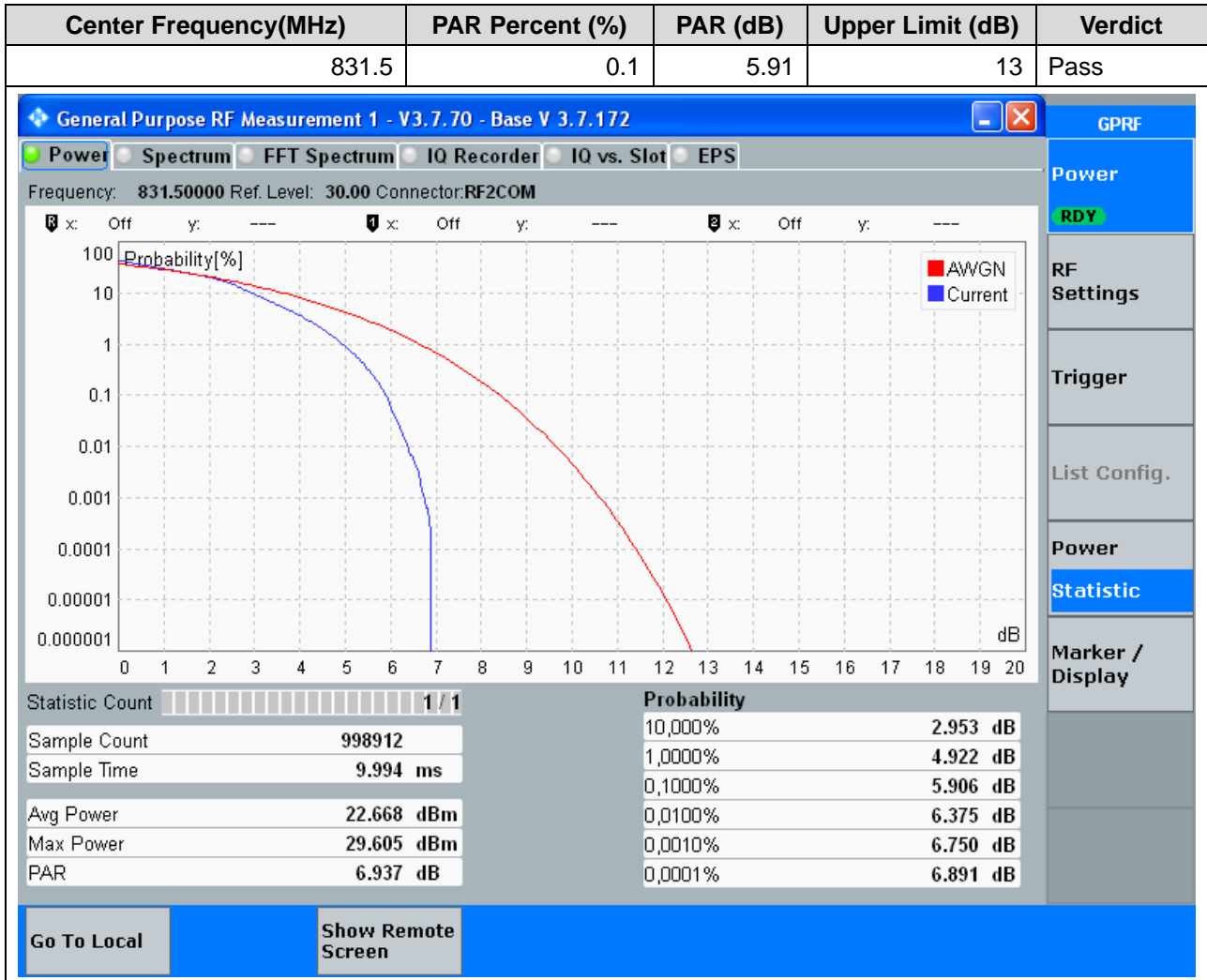
8.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



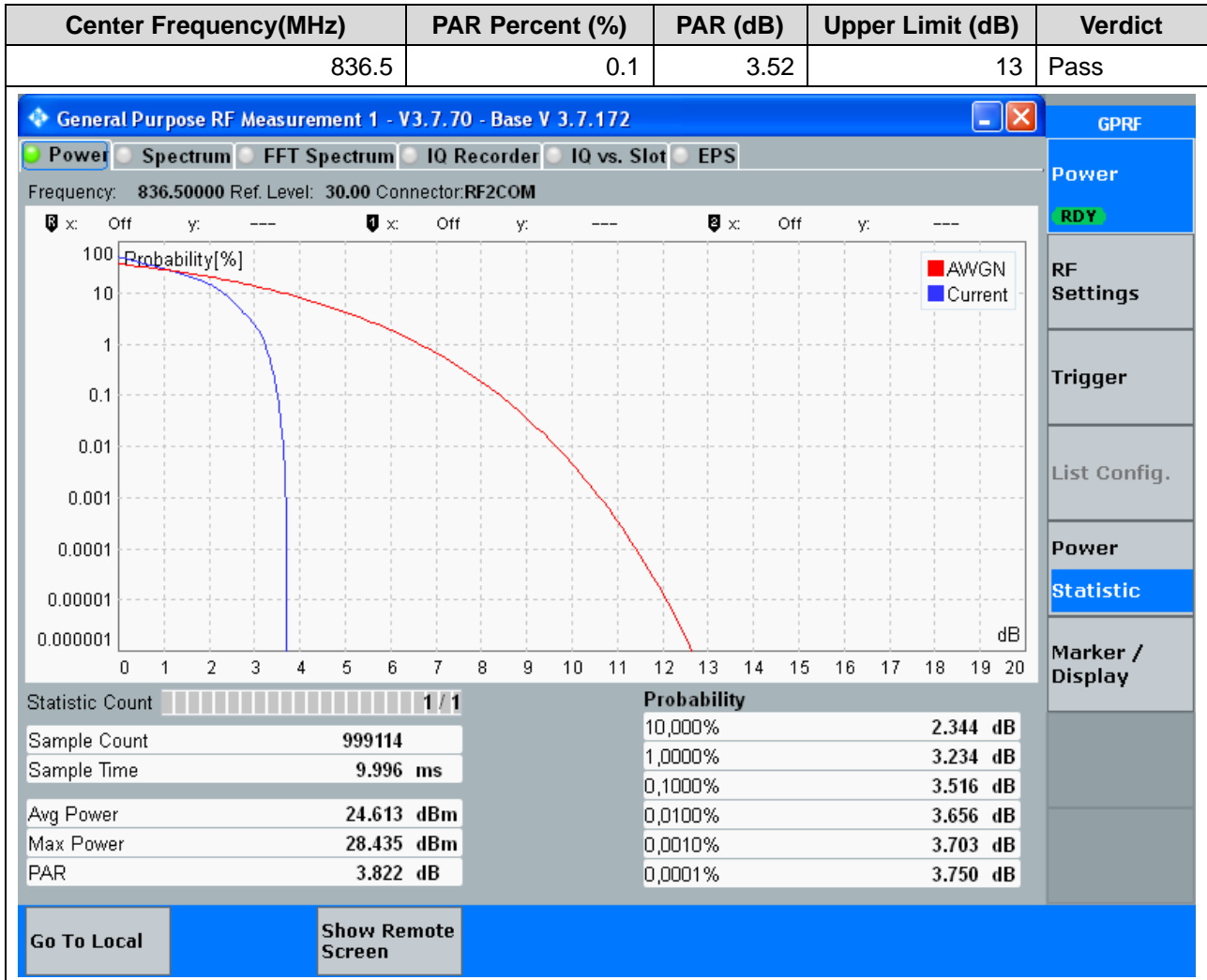
8.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)



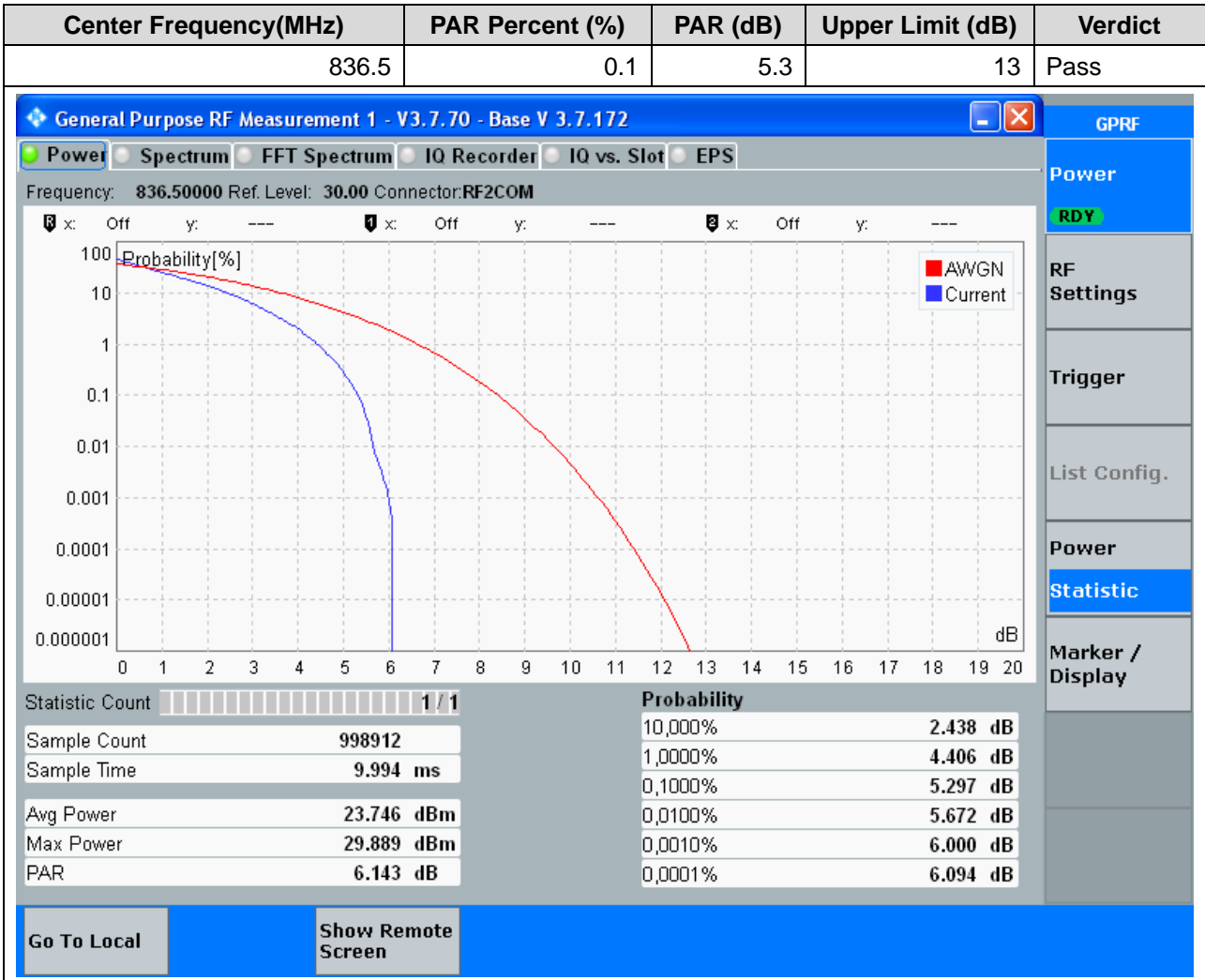
8.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



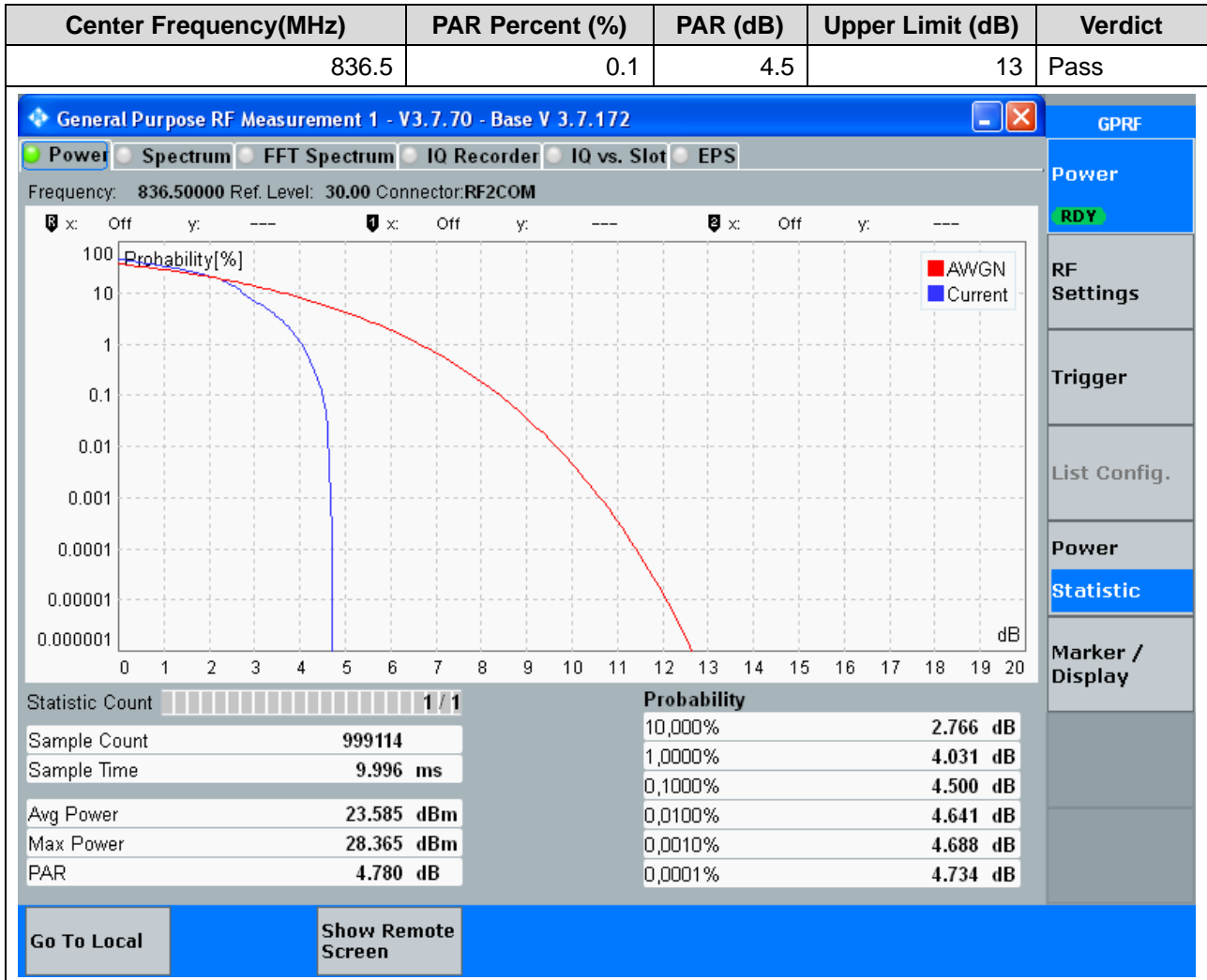
8.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



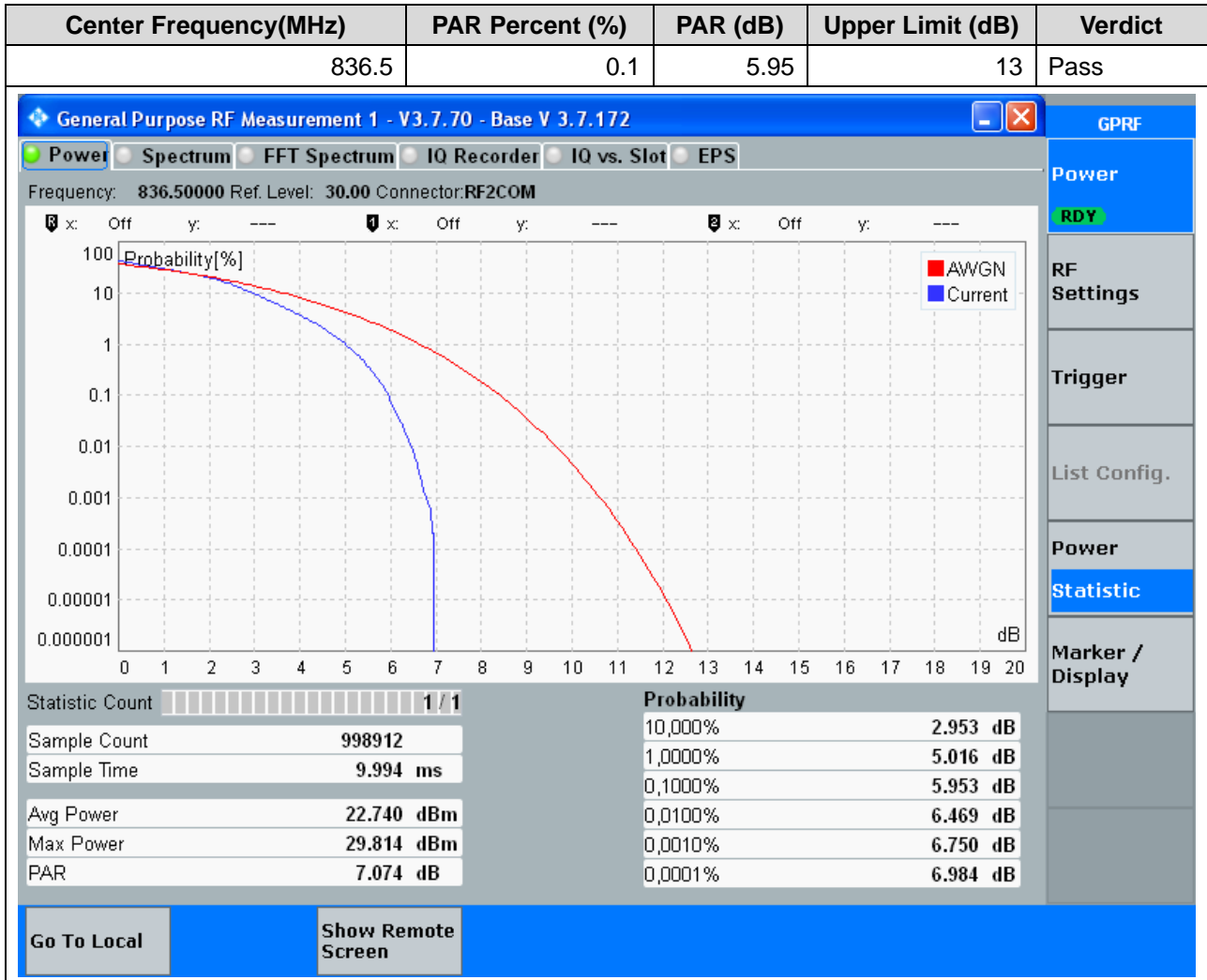
8.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



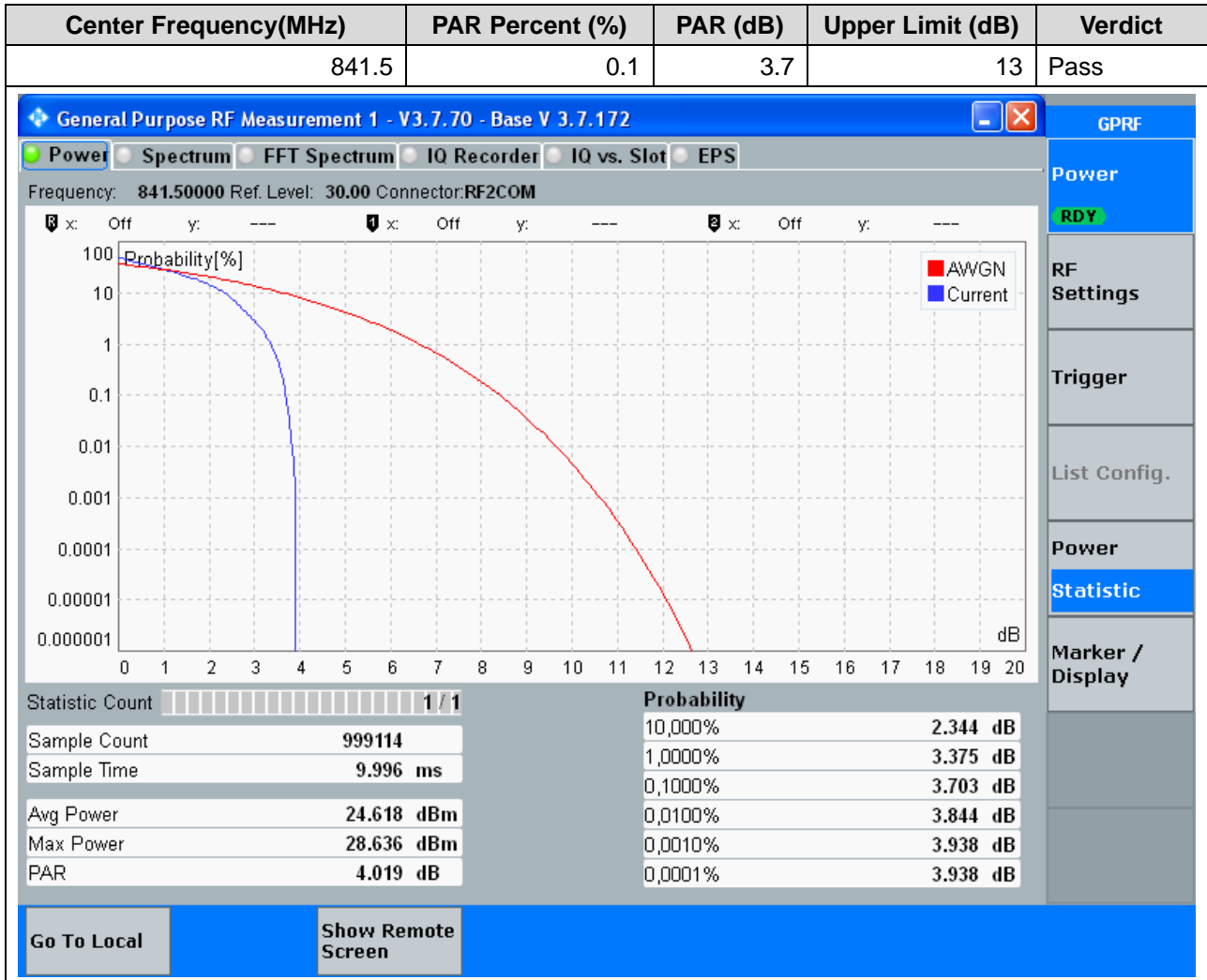
8.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)



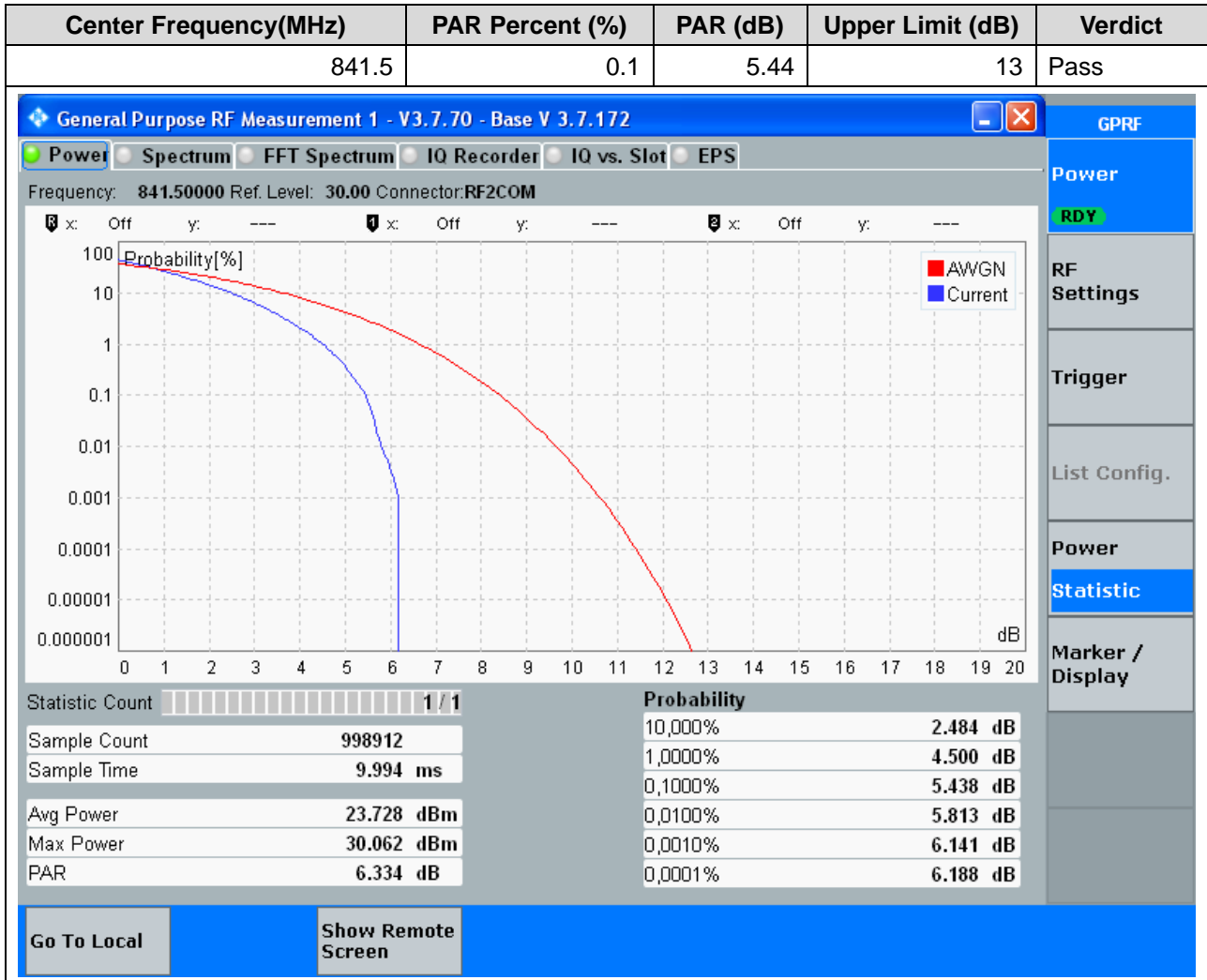
8.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



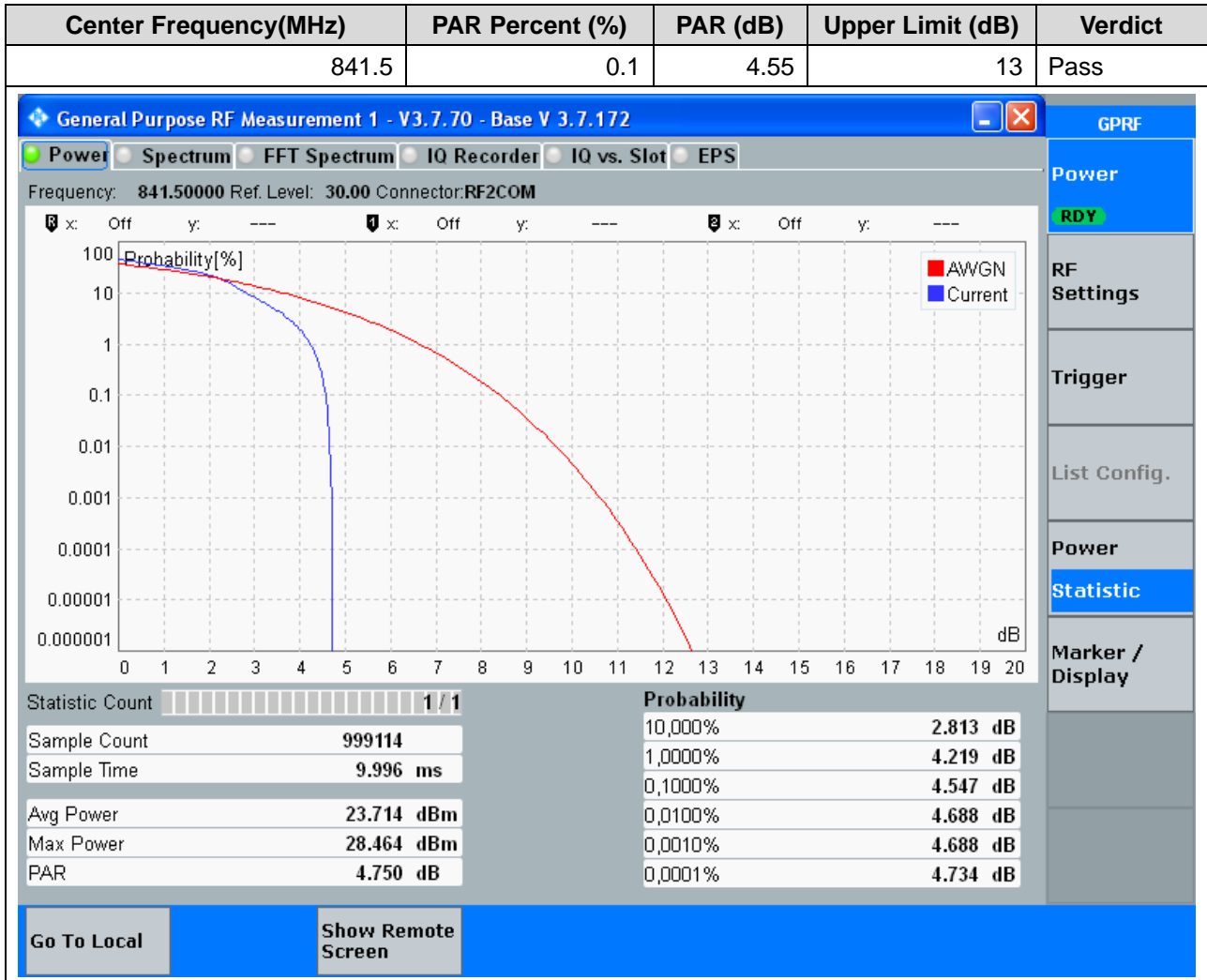
8.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



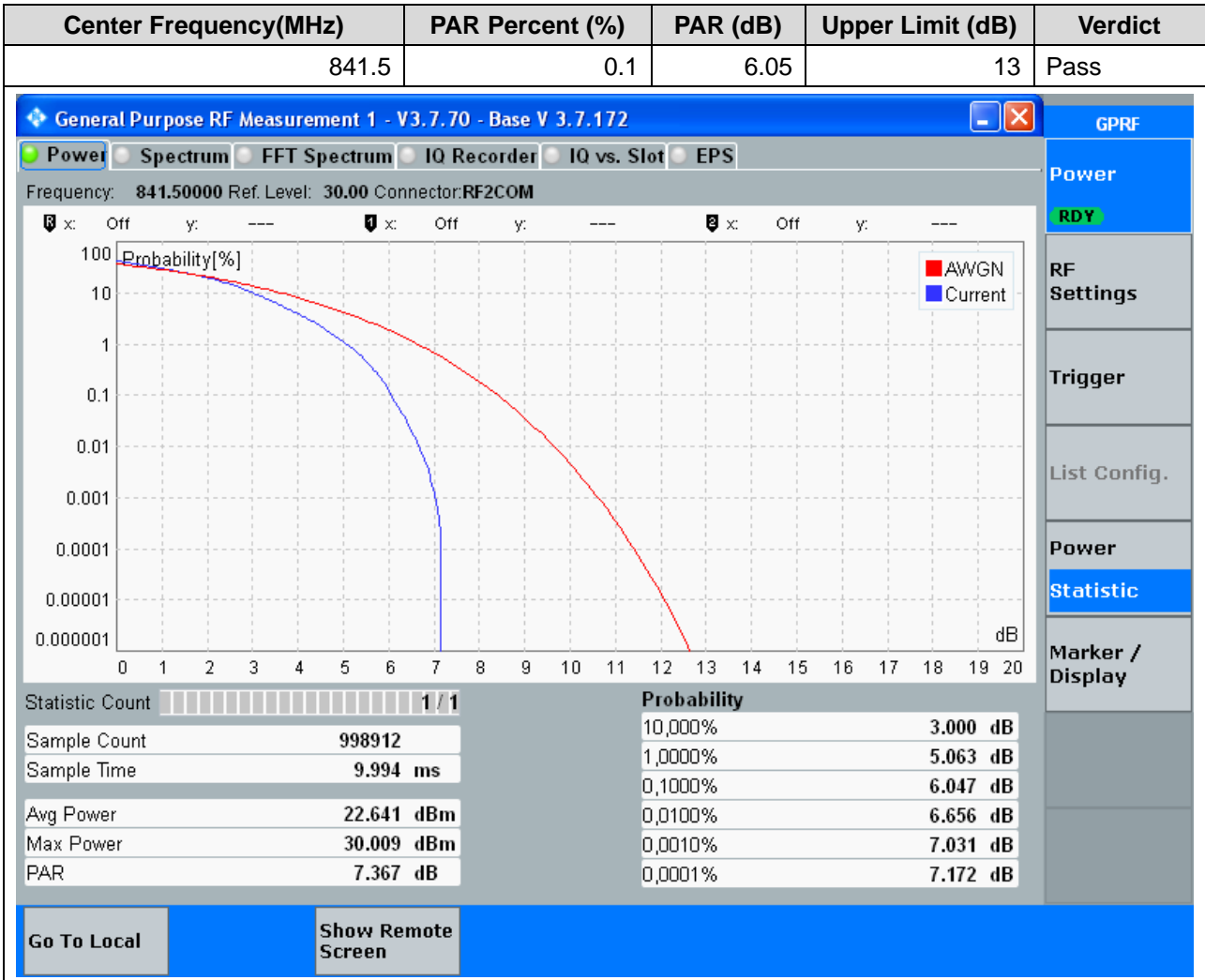
8.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



8.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)



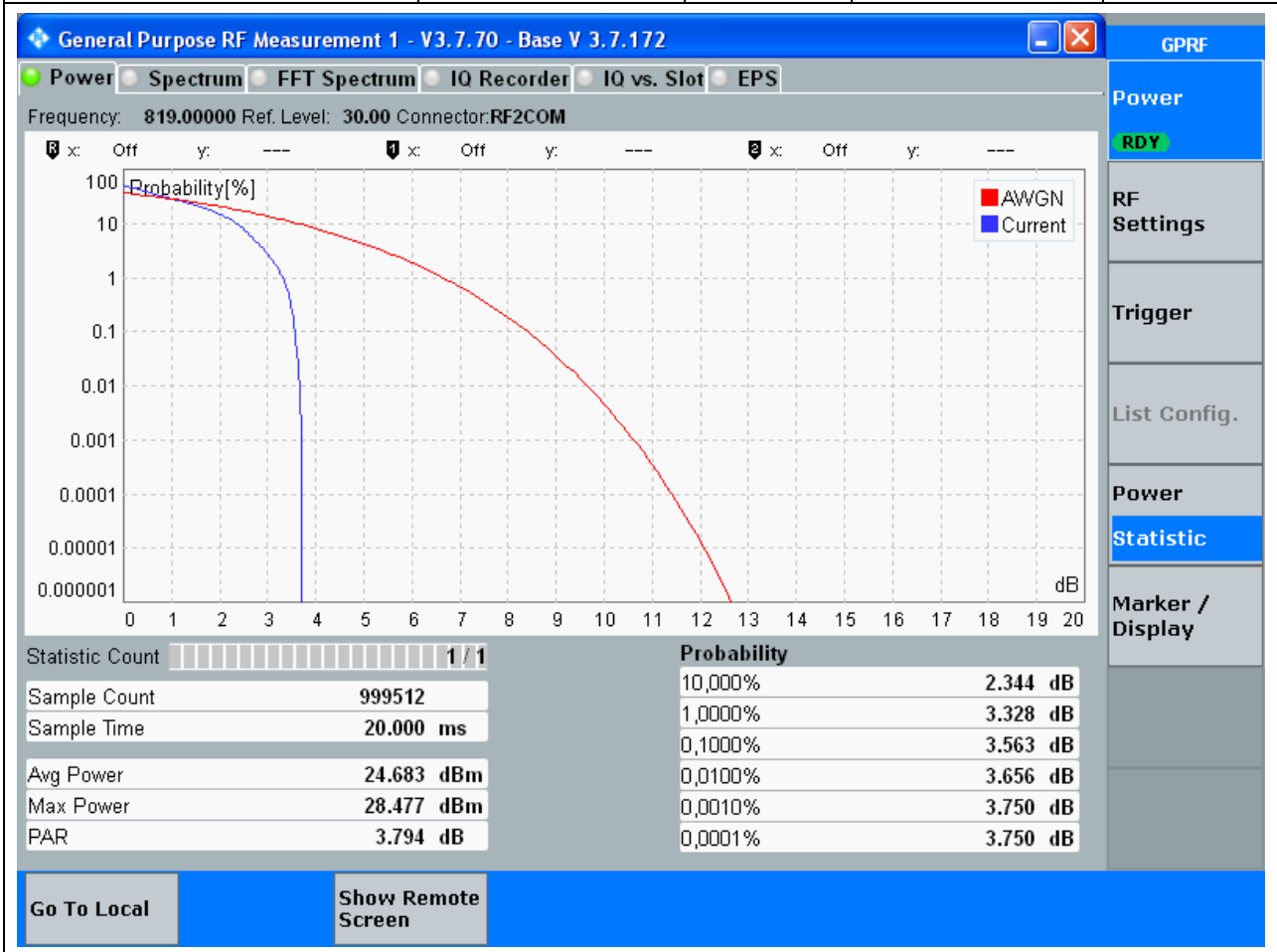
8.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



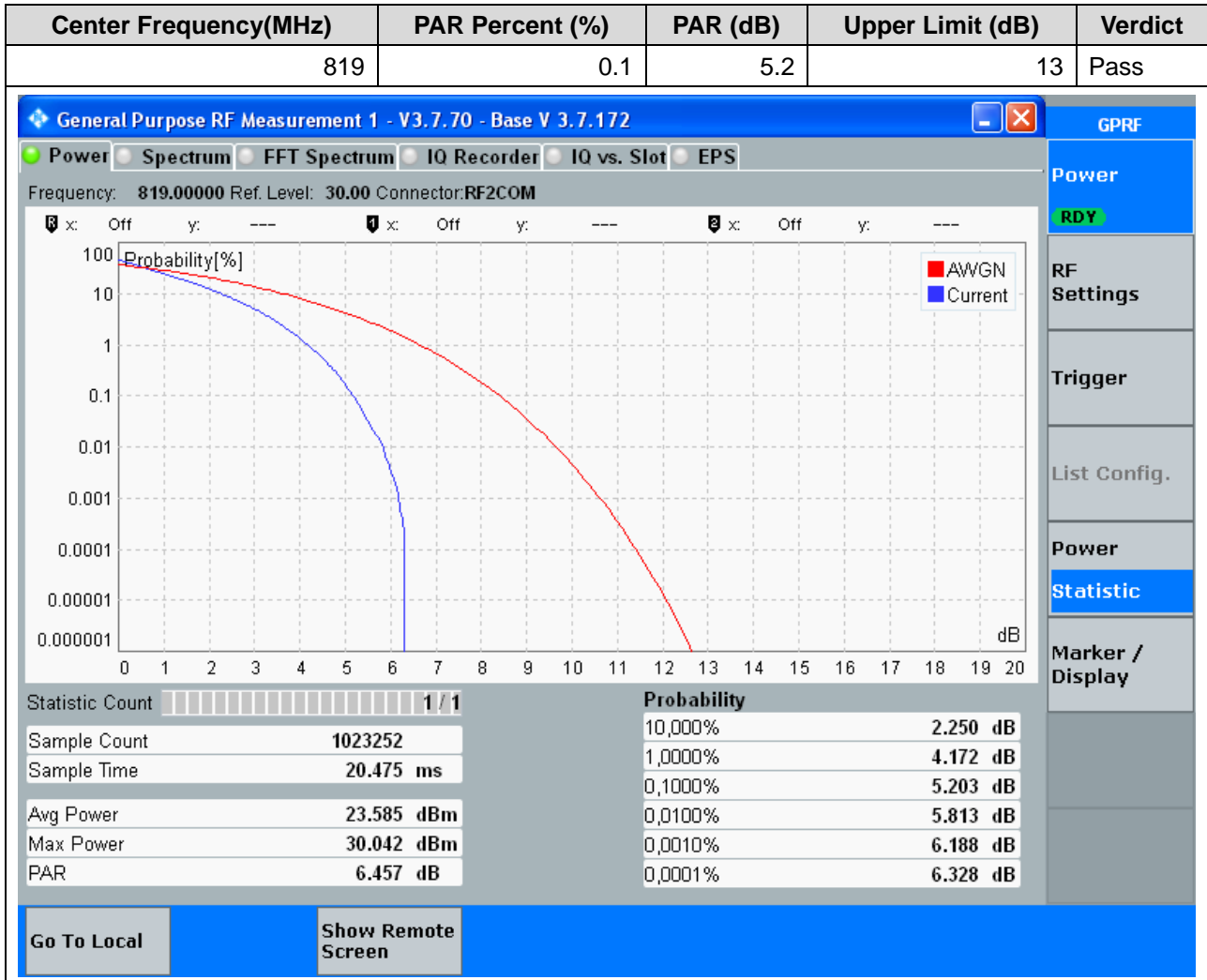
1. LTE_Band26(part90)

1.1. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:1, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

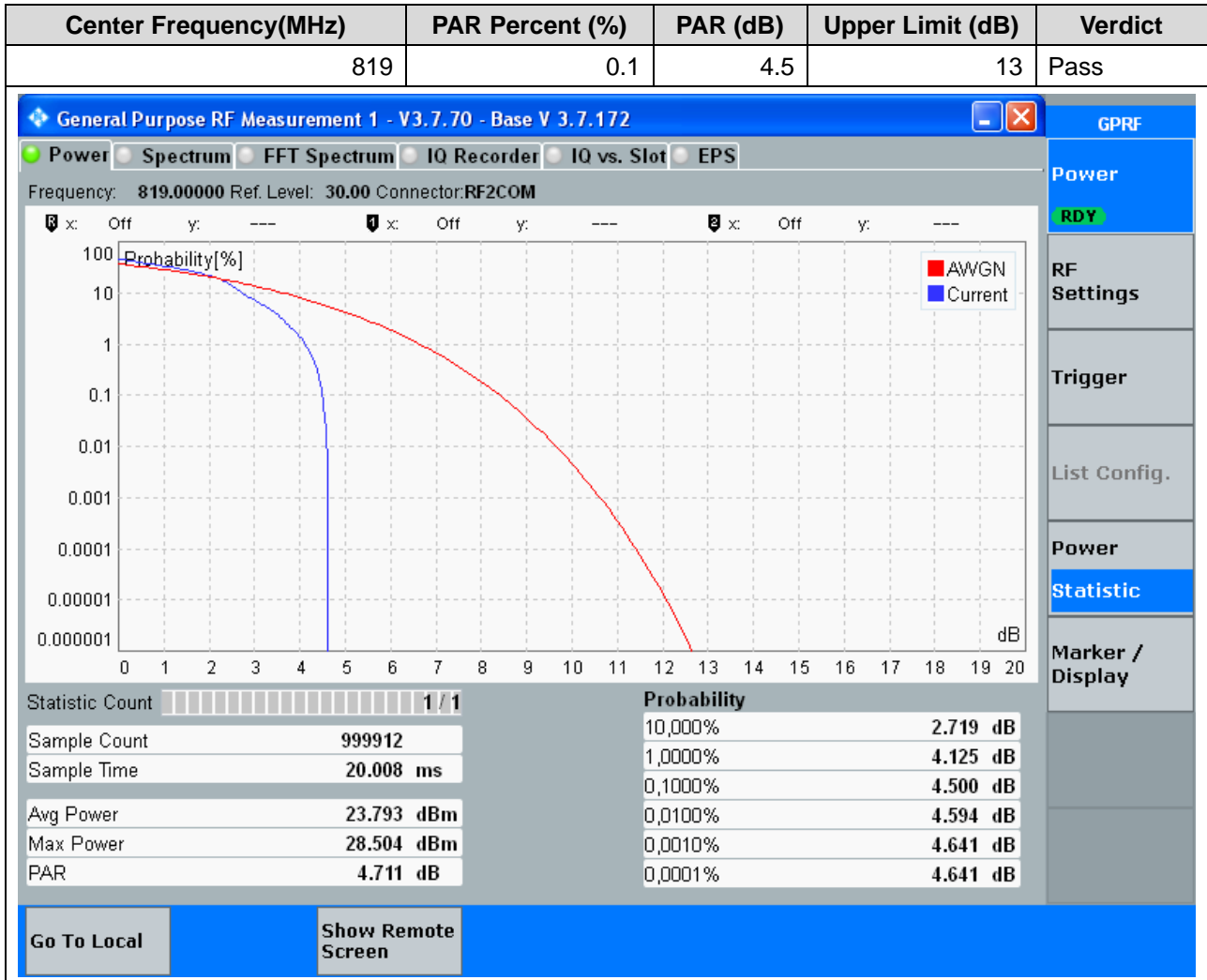
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819	0.1	3.56	13	Pass



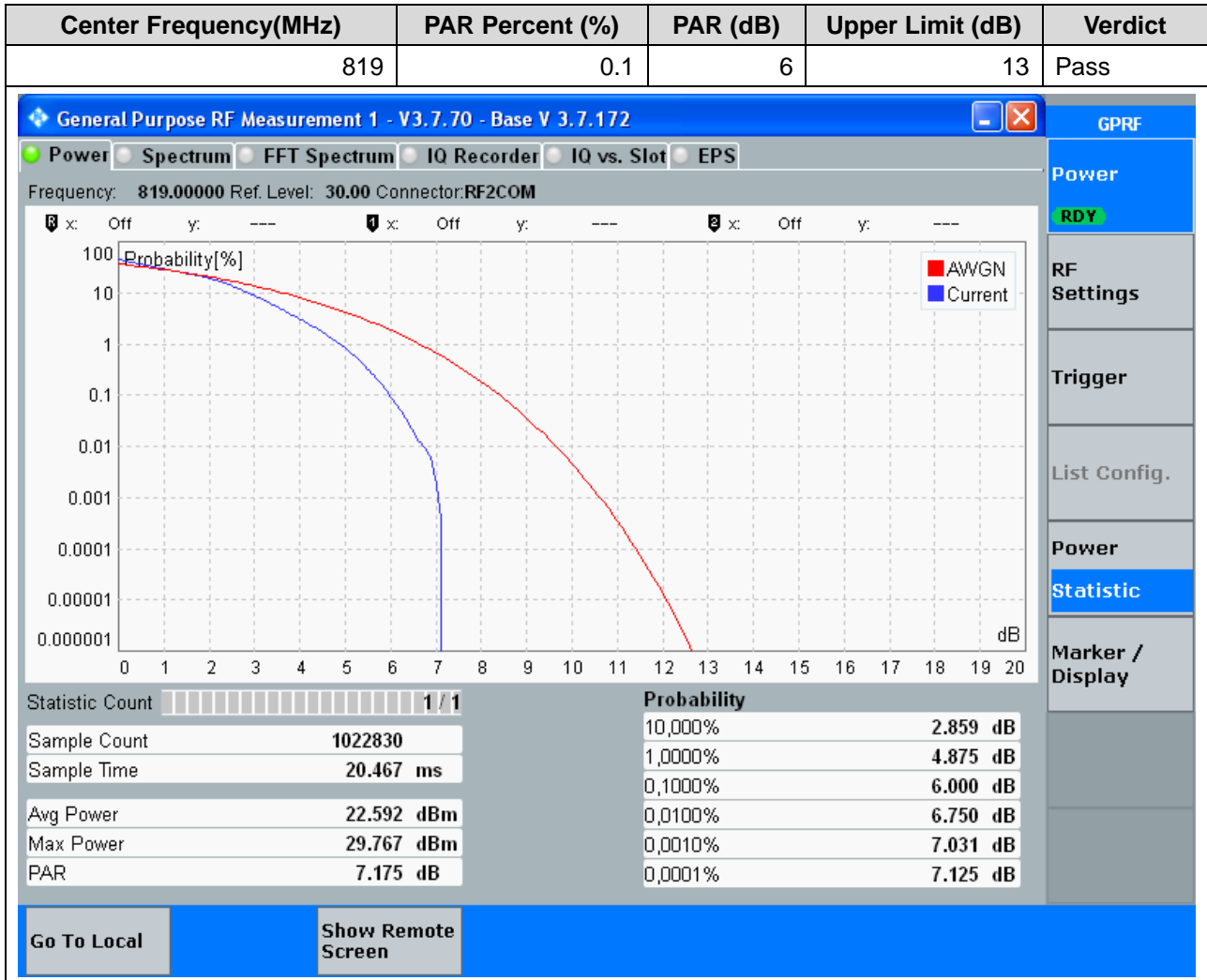
1.2. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:2, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



1.3. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:3, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



1.4. LTE Peak to Average Ratio_Part90(NTNV)(Subtest:4, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



1. LTE_Band38

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	7.87	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
GPRF

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

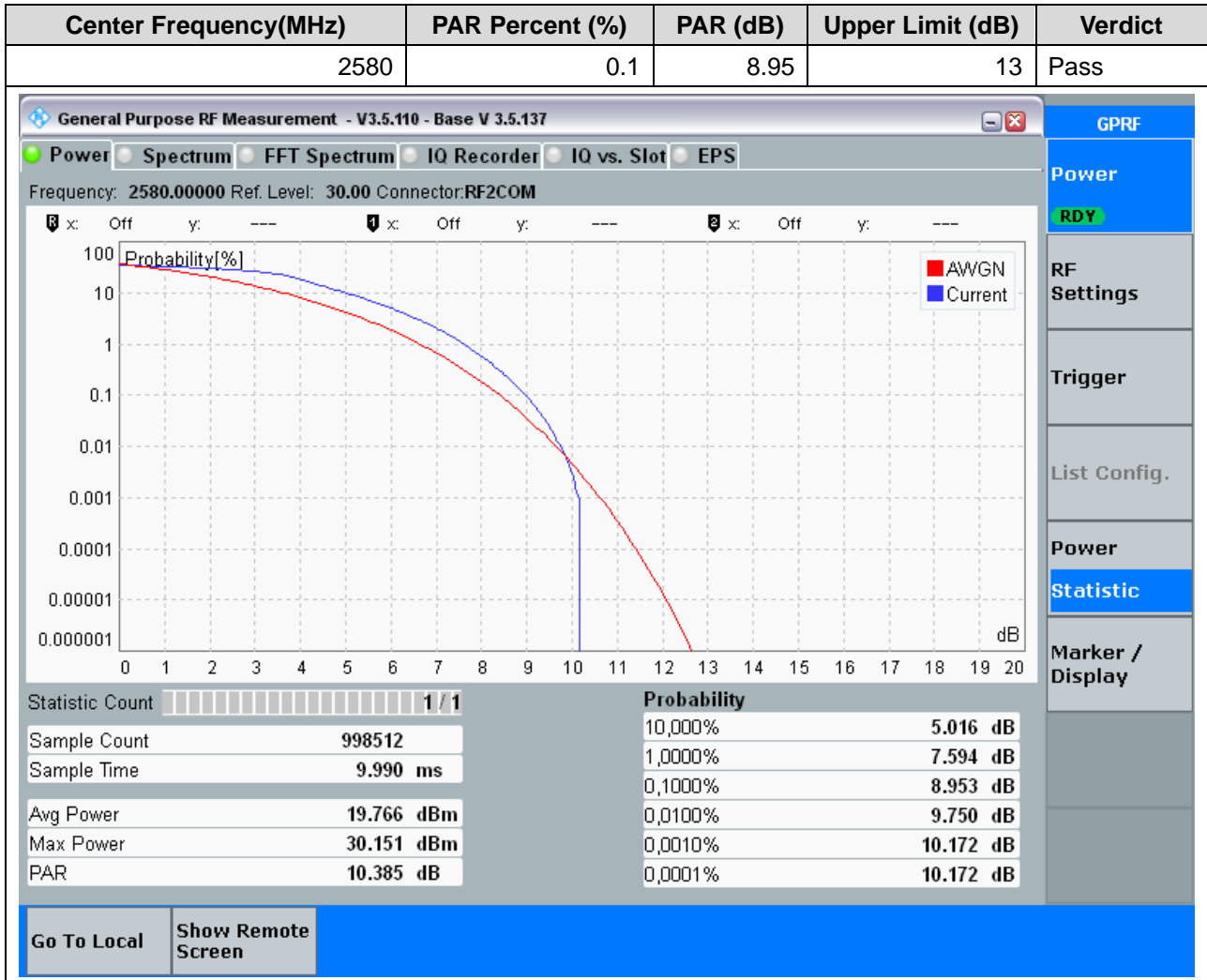
Power
RDY

Frequency: 2580.00000 Ref. Level: 30.00 Connector:RF2COM

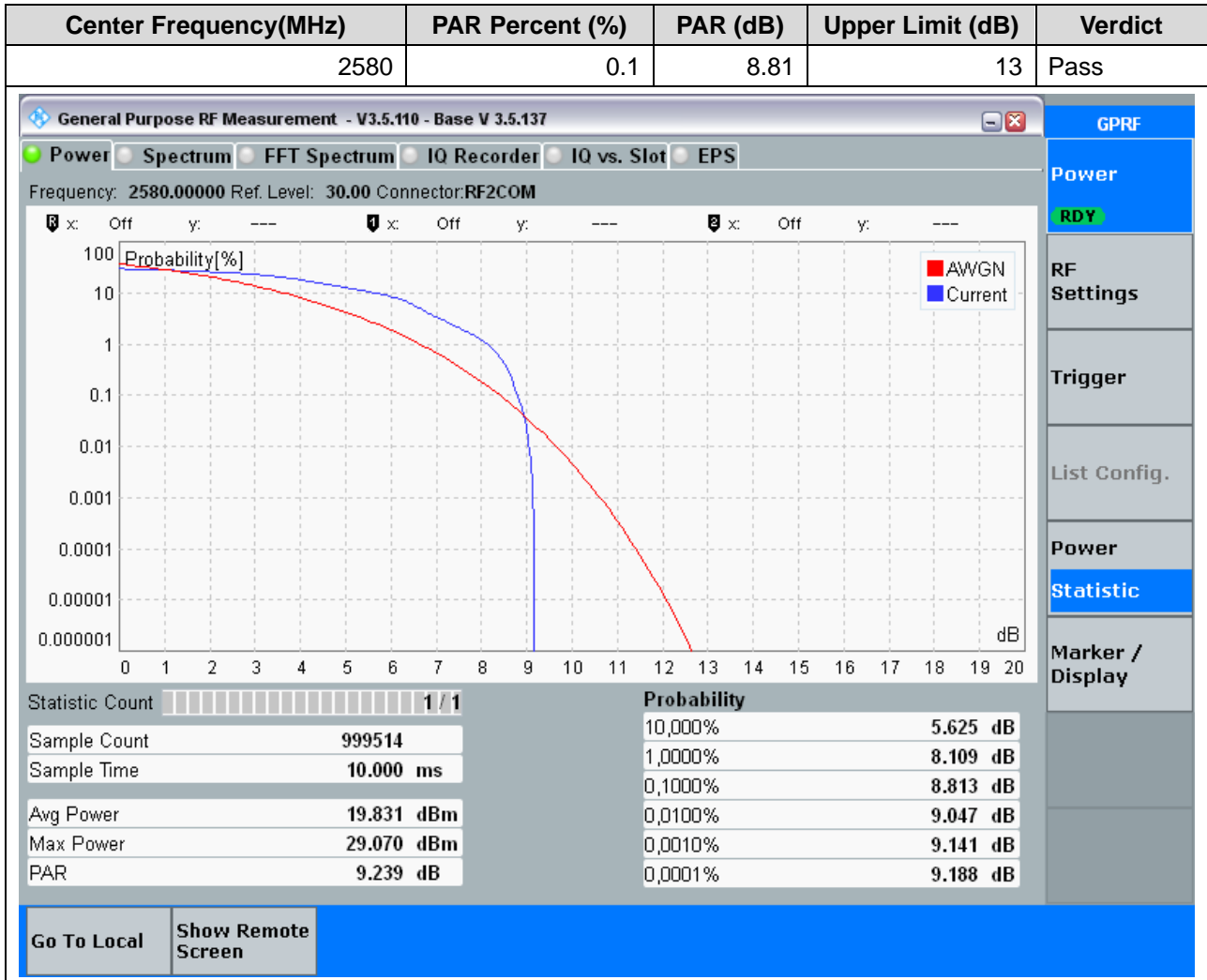
Statistic Count		Probability	
Sample Count	999512	10,000%	5.203 dB
Sample Time	10.000 ms	1,0000%	7.219 dB
Avg Power	20.845 dBm	0,1000%	7.875 dB
Max Power	29.178 dBm	0,0100%	8.156 dB
PAR	8.333 dB	0,0010%	8.250 dB
		0,0001%	8.297 dB

Go To Local
Show Remote Screen

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



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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	9.66	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 2580.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	998512	10,000%	5.484 dB
Sample Time	9.990 ms	1,0000%	8.156 dB
Avg Power	18.832 dBm	0,1000%	9.656 dB
Max Power	30.177 dBm	0,0100%	10.547 dB
PAR	11.345 dB	0,0010%	11.109 dB
		0,0001%	11.109 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	7.92	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main plot is a Cumulative Distribution Function (CDF) graph with 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) and 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a steeper decline, indicating a higher PAR. Below the plot is a statistics table:

Statistic Count		Probability	
Sample Count	999514	10,000%	5.203 dB
Sample Time	10.000 ms	1,0000%	7.219 dB
Avg Power	20.656 dBm	0,1000%	7.922 dB
Max Power	28.978 dBm	0,0100%	8.109 dB
PAR	8.322 dB	0,0010%	8.203 dB
		0,0001%	8.297 dB

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

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	8.91	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main plot is a Cumulative Distribution Function (CDF) graph with 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) and 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a sharp drop at approximately 10.031 dB. Below the plot, a table provides statistical data:

Statistic	Value	Probability	Value (dB)
Sample Count	998512	10,000%	5.016
Sample Time	9.990 ms	1,0000%	7.547
Avg Power	19.909 dBm	0,1000%	8.906
Max Power	30.440 dBm	0,0100%	9.656
PAR	10.530 dB	0,0010%	10.031
		0,0001%	10.031

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'.

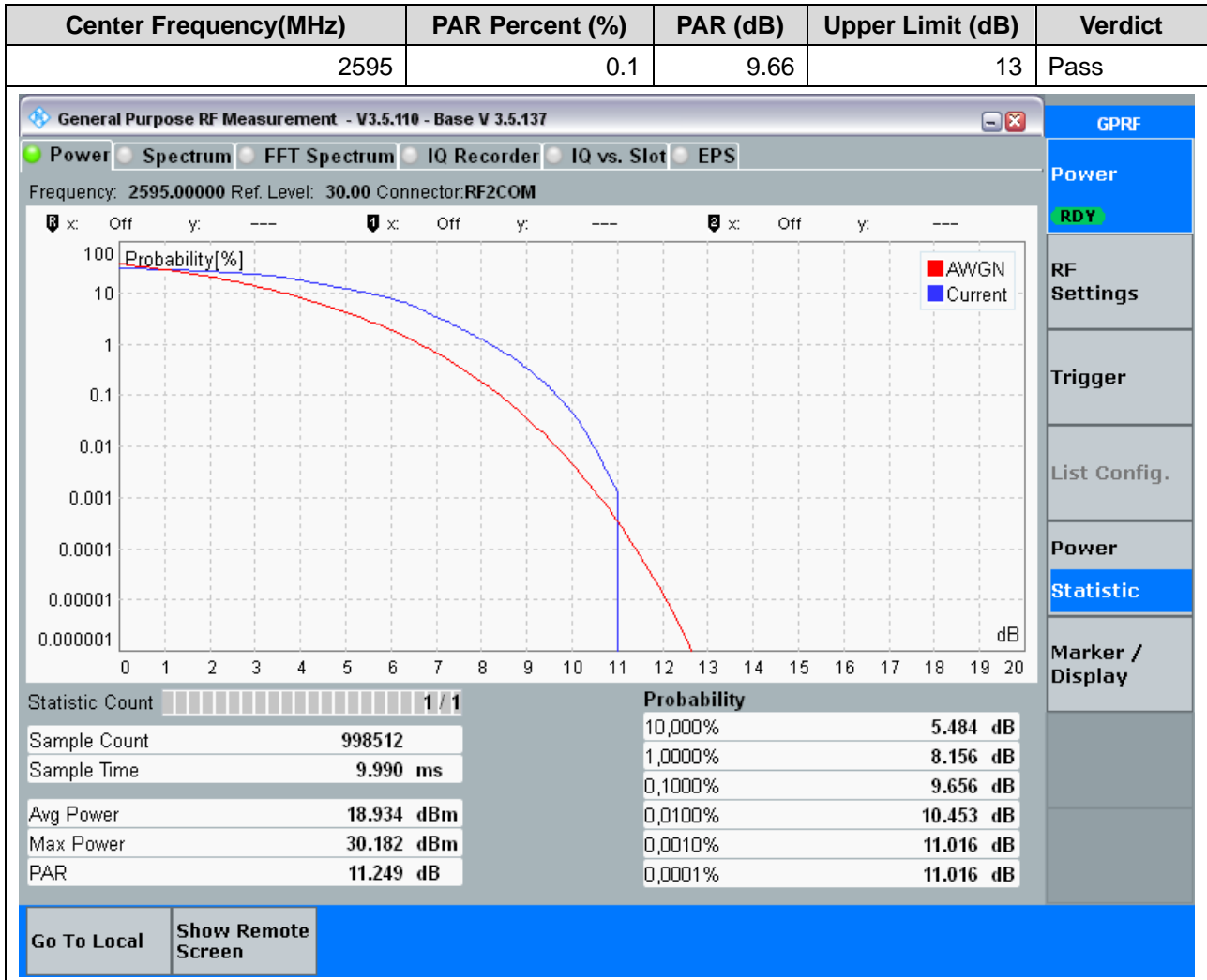
1.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	8.62	13	Pass

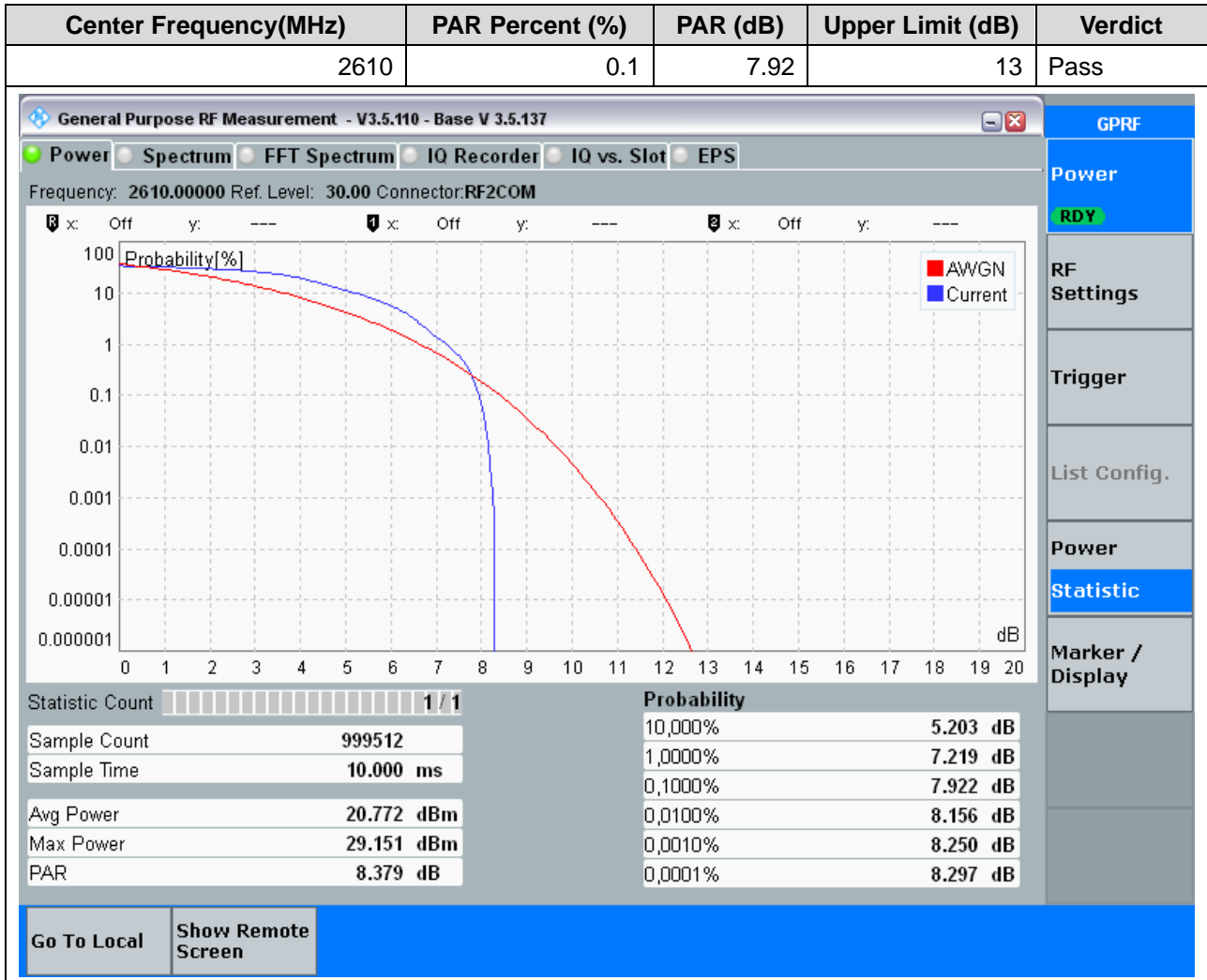
The screenshot displays the 'General Purpose RF Measurement' interface. The main plot shows 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) versus power in 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a sharp drop-off at approximately 9 dB, while the 'AWGN' curve is broader. Below the plot is a statistics table.

Statistic Count		Probability	
Sample Count	999514	10,000%	5.672 dB
Sample Time	10.000 ms	1,0000%	7.922 dB
Avg Power	19.830 dBm	0,1000%	8.625 dB
Max Power	28.878 dBm	0,0010%	8.906 dB
PAR	9.048 dB	0,0001%	8.953 dB

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



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



1.10. 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	8.91	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2610.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	19.851 dBm
Max Power	30.032 dBm
PAR	10.181 dB

Probability	
10,000%	4.969 dB
1,0000%	7.547 dB
0,1000%	8.906 dB
0,0100%	9.609 dB
0,0010%	9.984 dB
0,0001%	10.078 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2610	0.1	8.81	13	Pass

Statistic Count		Probability	
Sample Count	999514	10,000%	5.672 dB
Sample Time	10.000 ms	1,0000%	8.016 dB
Avg Power	19.764 dBm	0,1000%	8.813 dB
Max Power	29.116 dBm	0,0100%	9.141 dB
PAR	9.352 dB	0,0010%	9.281 dB
		0,0001%	9.328 dB

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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2610	0.1	9.61	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 2610.00000 Ref. Level: 30.00 Connector:RF2COM

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

Power
 Spectrum
 FFT Spectrum
 IQ Recorder
 IQ vs. Slot
 EPS

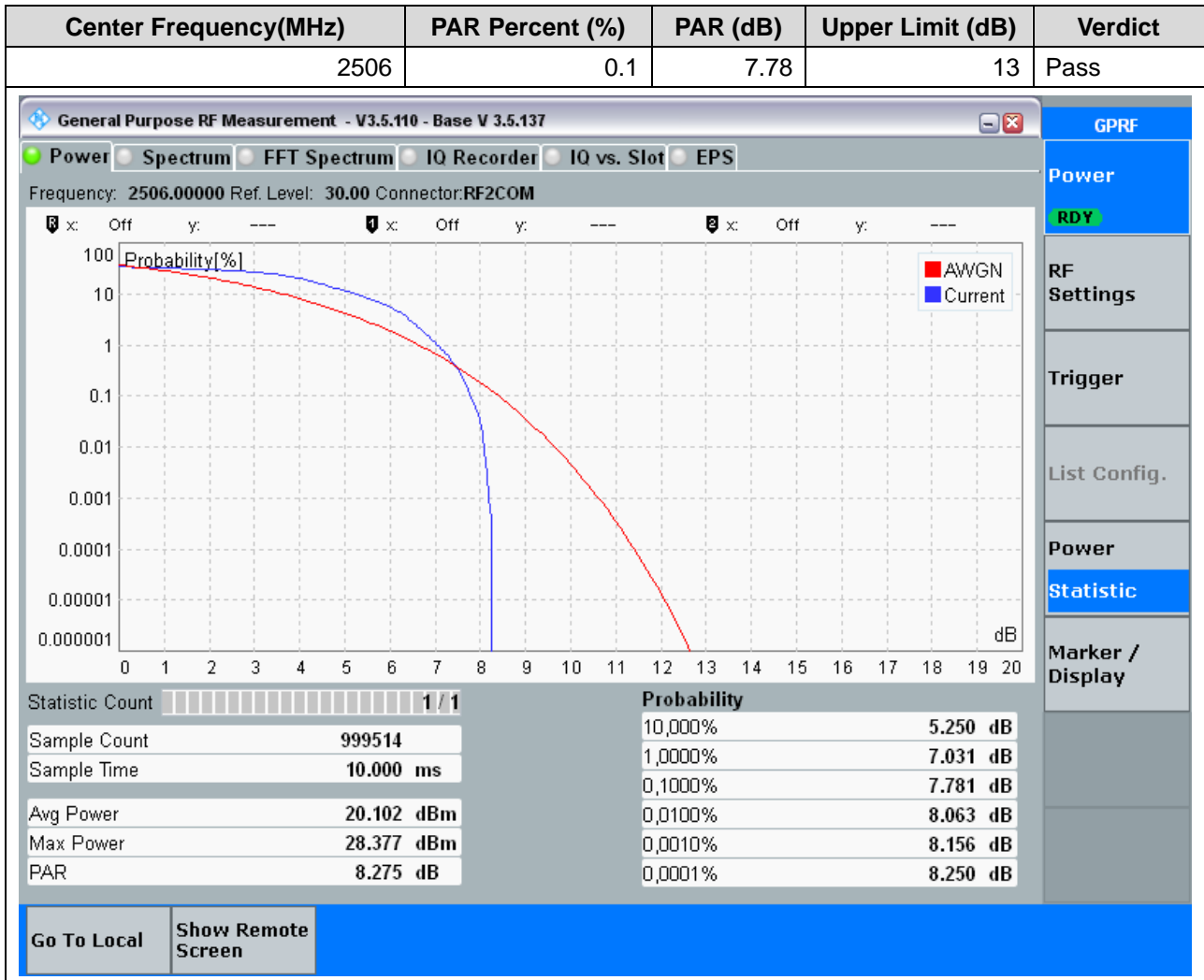
x: Off y: --- x: Off y: --- x: Off y: ---

Statistic Count		Probability	
Sample Count	998512	10,000%	5.484 dB
Sample Time	9.990 ms	1,0000%	8.156 dB
Avg Power	18.887 dBm	0,1000%	9.609 dB
Max Power	30.179 dBm	0,0010%	11.063 dB
PAR	11.292 dB	0,0001%	11.063 dB

Go To Local
Show Remote Screen

2. LTE_Band41 full

2.1. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



2.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2506	0.1	8.91	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2506.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	19.097 dBm
Max Power	29.607 dBm
PAR	10.510 dB

Probability	
10,000%	4.969 dB
1,0000%	7.594 dB
0,1000%	8.906 dB
0,0100%	9.656 dB
0,0010%	10.125 dB
0,0001%	10.359 dB

Go To Local

Show Remote Screen

Power RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2506	0.1	8.72	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2506.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	999512	10,000%	5.719 dB
Sample Time	10.000 ms	1,0000%	7.969 dB
Avg Power	19.023 dBm	0,1000%	8.719 dB
Max Power	28.244 dBm	0,0100%	9.000 dB
PAR	9.222 dB	0,0010%	9.094 dB
		0,0001%	9.188 dB

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Go To Local
Show Remote Screen

2.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2506	0.1	9.61	13	Pass

Statistic Count		Probability	
Sample Count	998512	10,000%	5.438 dB
Sample Time	9.990 ms	1,0000%	8.156 dB
Avg Power	18.095 dBm	0,1000%	9.609 dB
Max Power	29.543 dBm	0,0100%	10.453 dB
PAR	11.448 dB	0,0010%	11.016 dB
		0,0001%	11.297 dB

2.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	8.25	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 2593.00000 Ref. Level: 30.00 Connector:RF2COM

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

Statistic Count		Probability	
Sample Count	999514	10,000%	5.203 dB
Sample Time	10.000 ms	1,0000%	7.406 dB
Avg Power	20.034 dBm	0,1000%	8.250 dB
Max Power	28.708 dBm	0,0100%	8.484 dB
PAR	8.675 dB	0,0010%	8.578 dB
		0,0001%	8.625 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.05	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2593.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	998512	10,000%	5.016 dB
Sample Time	9.990 ms	1,0000%	7.641 dB
Avg Power	19.253 dBm	0,1000%	9.047 dB
Max Power	30.057 dBm	0,0100%	9.891 dB
PAR	10.803 dB	0,0010%	10.547 dB
		0,0001%	10.688 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

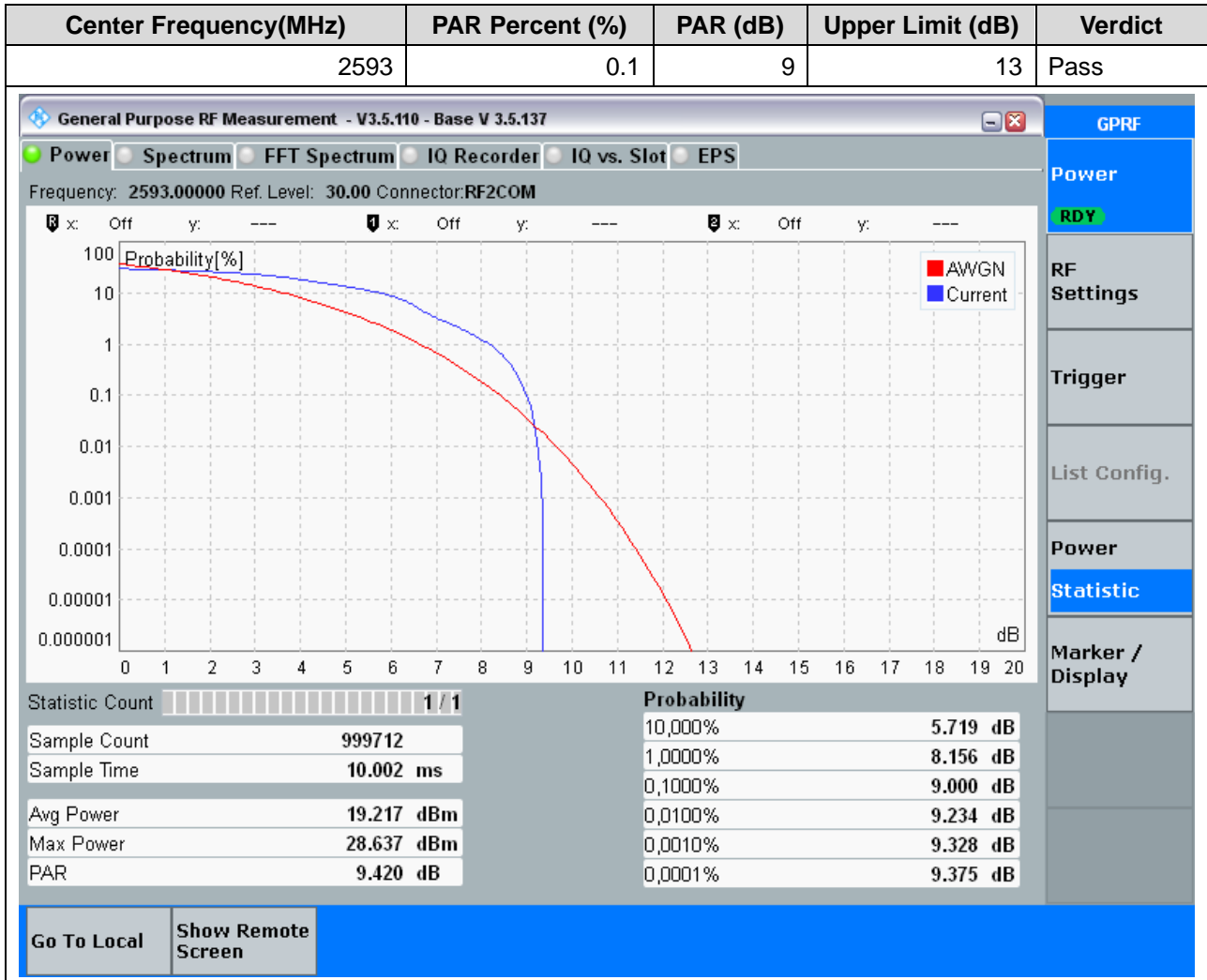
List Config.

Power

Statistic

Marker / Display

2.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

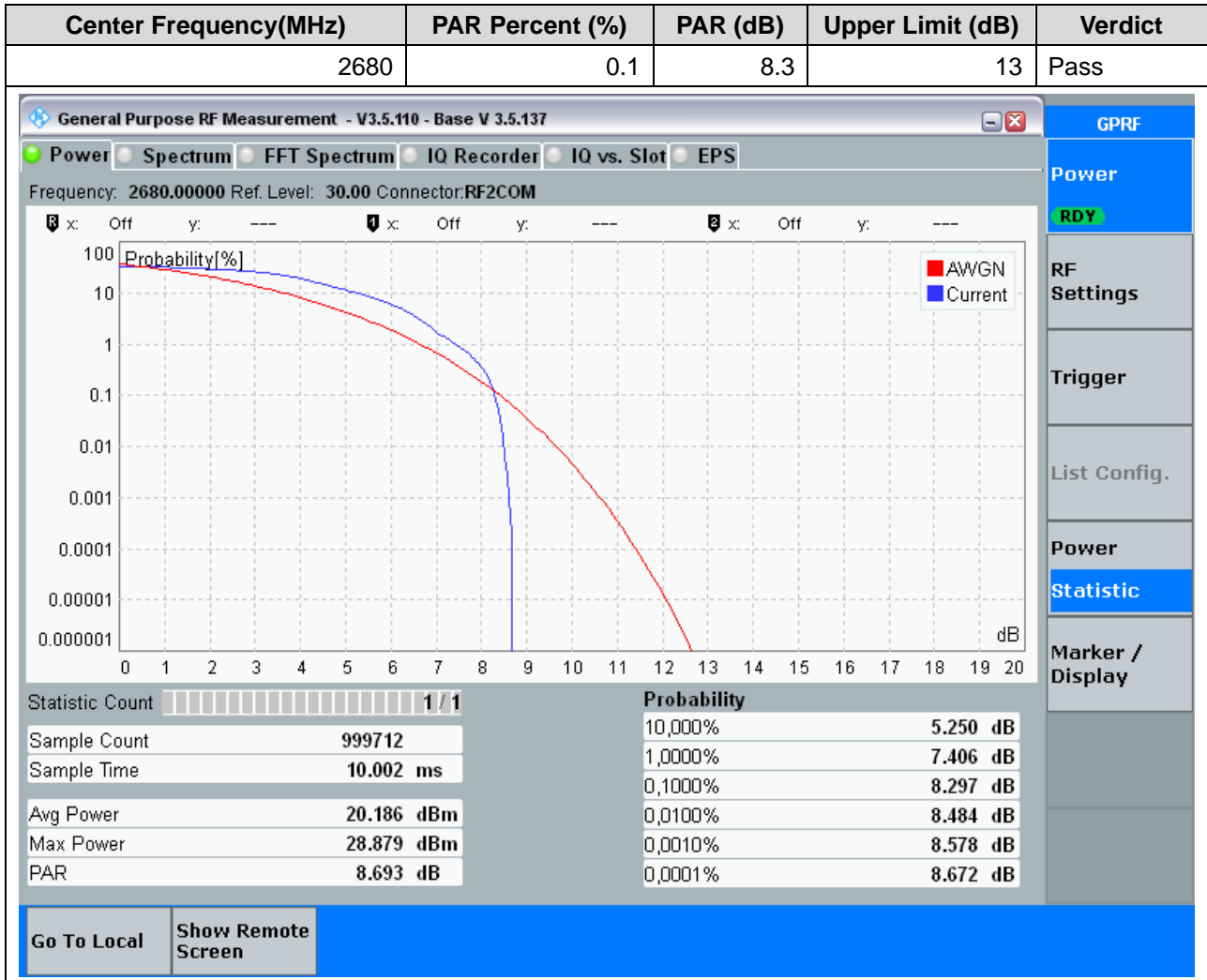


2.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	9.8	13	Pass

Statistic Count		Probability	
Sample Count	998312	10,000%	5.438 dB
Sample Time	9.988 ms	1,0000%	8.250 dB
Avg Power	18.255 dBm	0,1000%	9.797 dB
Max Power	30.067 dBm	0,0100%	10.688 dB
PAR	11.813 dB	0,0010%	11.391 dB
		0,0001%	11.672 dB

2.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



2.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2680	0.1	9.05	13	Pass

Statistic Count		Probability	
Sample Count	998314	10,000%	5.016 dB
Sample Time	9.988 ms	1,0000%	7.641 dB
Avg Power	19.215 dBm	0,1000%	9.047 dB
Max Power	29.706 dBm	0,0100%	9.797 dB
PAR	10.491 dB	0,0010%	10.219 dB
		0,0001%	10.453 dB

2.11. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2680	0.1	9.09	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2680.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count		Probability	
Sample Count	999712	10,000%	5.625 dB
Sample Time	10.002 ms	1,0000%	8.156 dB
Avg Power	19.178 dBm	0,1000%	9.094 dB
Max Power	28.909 dBm	0,0100%	9.469 dB
PAR	9.730 dB	0,0010%	9.609 dB
		0,0001%	9.656 dB

Go To Local
Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

2.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2680	0.1	9.8	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2680.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	998312
Sample Time	9.988 ms
Avg Power	18.173 dBm
Max Power	30.073 dBm
PAR	11.900 dB

Probability	
10,000%	5.484 dB
1,0000%	8.250 dB
0,1000%	9.797 dB
0,0100%	10.734 dB
0,0010%	11.484 dB
0,0001%	11.766 dB

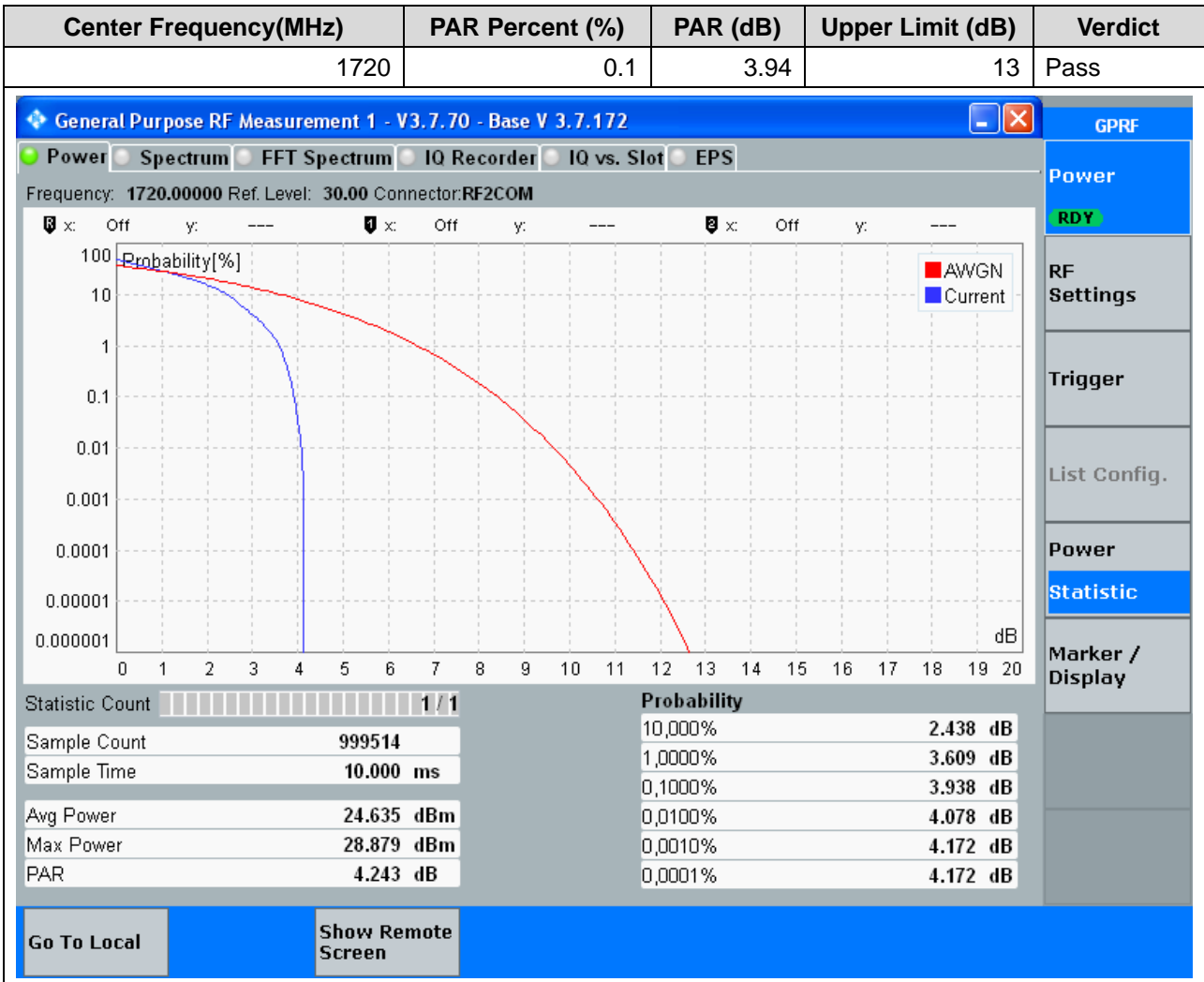
Go To Local

Show Remote Screen

Statistic

9. LTE_Band66

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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.25	13	Pass

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

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

Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM

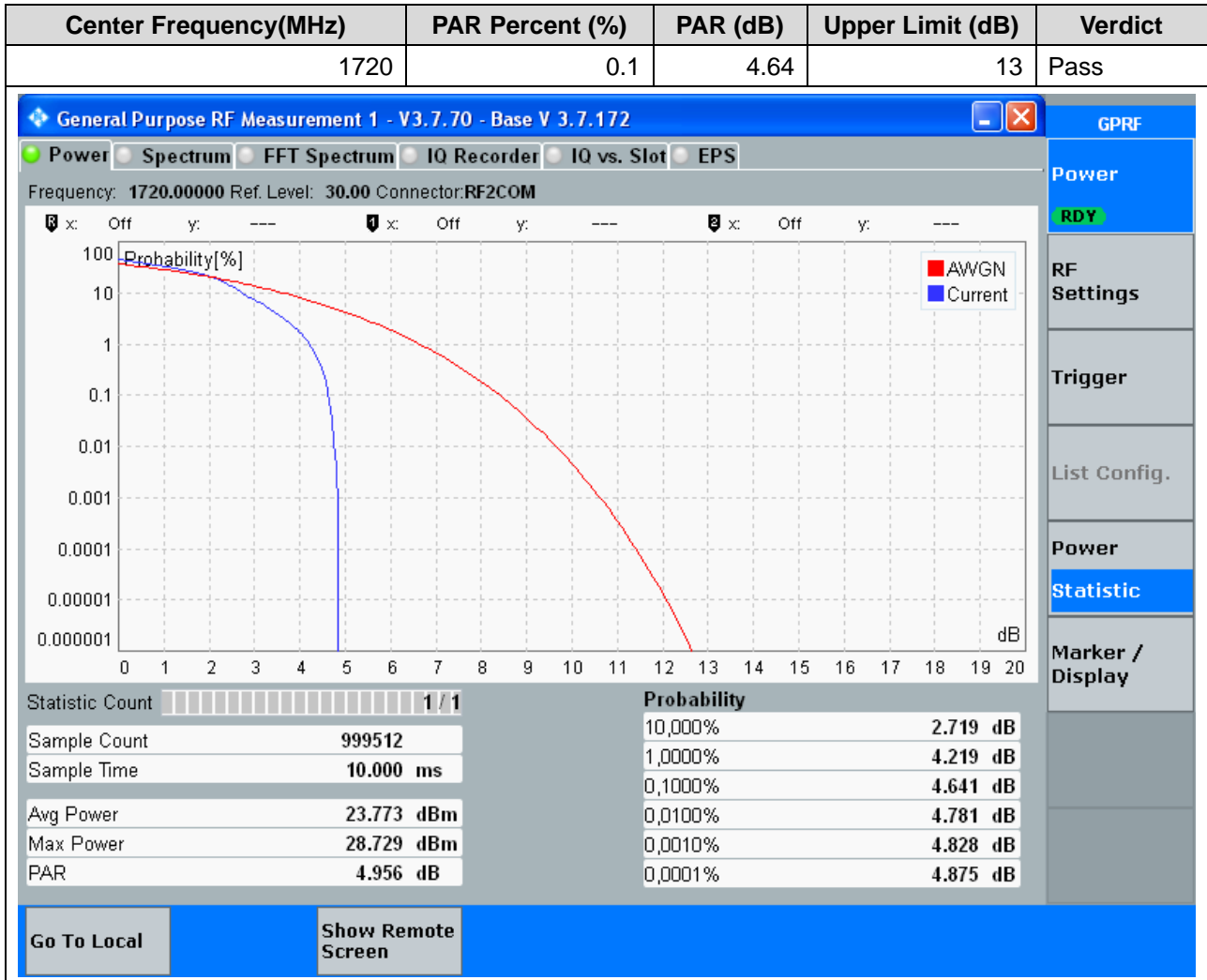
Probability[%]

Statistic Count	
Sample Count	998512
Sample Time	9.990 ms
Avg Power	23.647 dBm
Max Power	30.374 dBm
PAR	6.728 dB

Probability	
10,000%	2.297 dB
1,0000%	4.219 dB
0,1000%	5.250 dB
0,0100%	5.859 dB
0,0010%	6.281 dB
0,0001%	6.281 dB

Go To Local
Show Remote Screen

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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	6.05	13	Pass

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

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

Frequency: 1720.00000 Ref. Level: 30.00 Connector:RF2COM
RDY

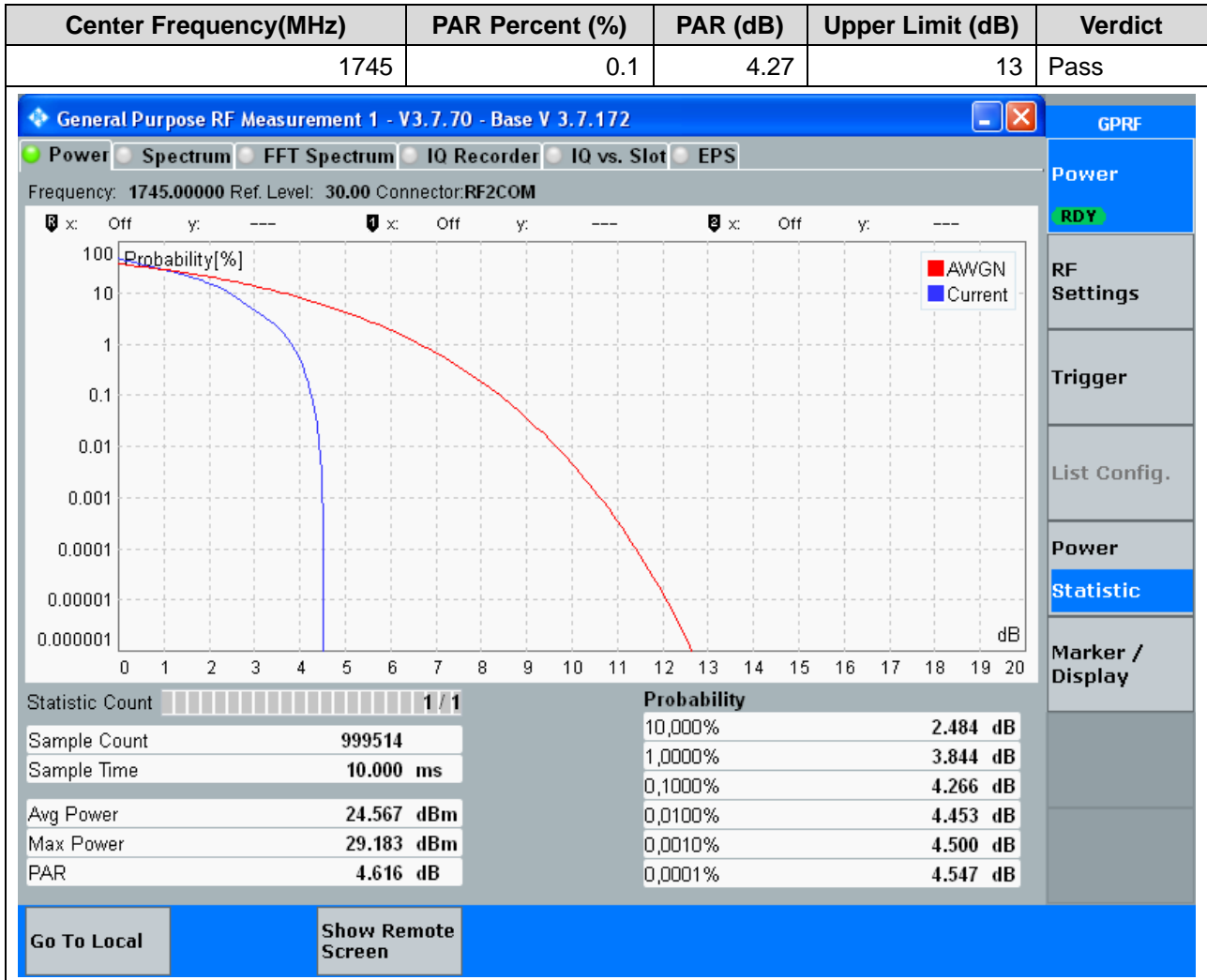
x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count	Value
Sample Count	998512
Sample Time	9.990 ms
Avg Power	22.656 dBm
Max Power	30.359 dBm
PAR	7.703 dB

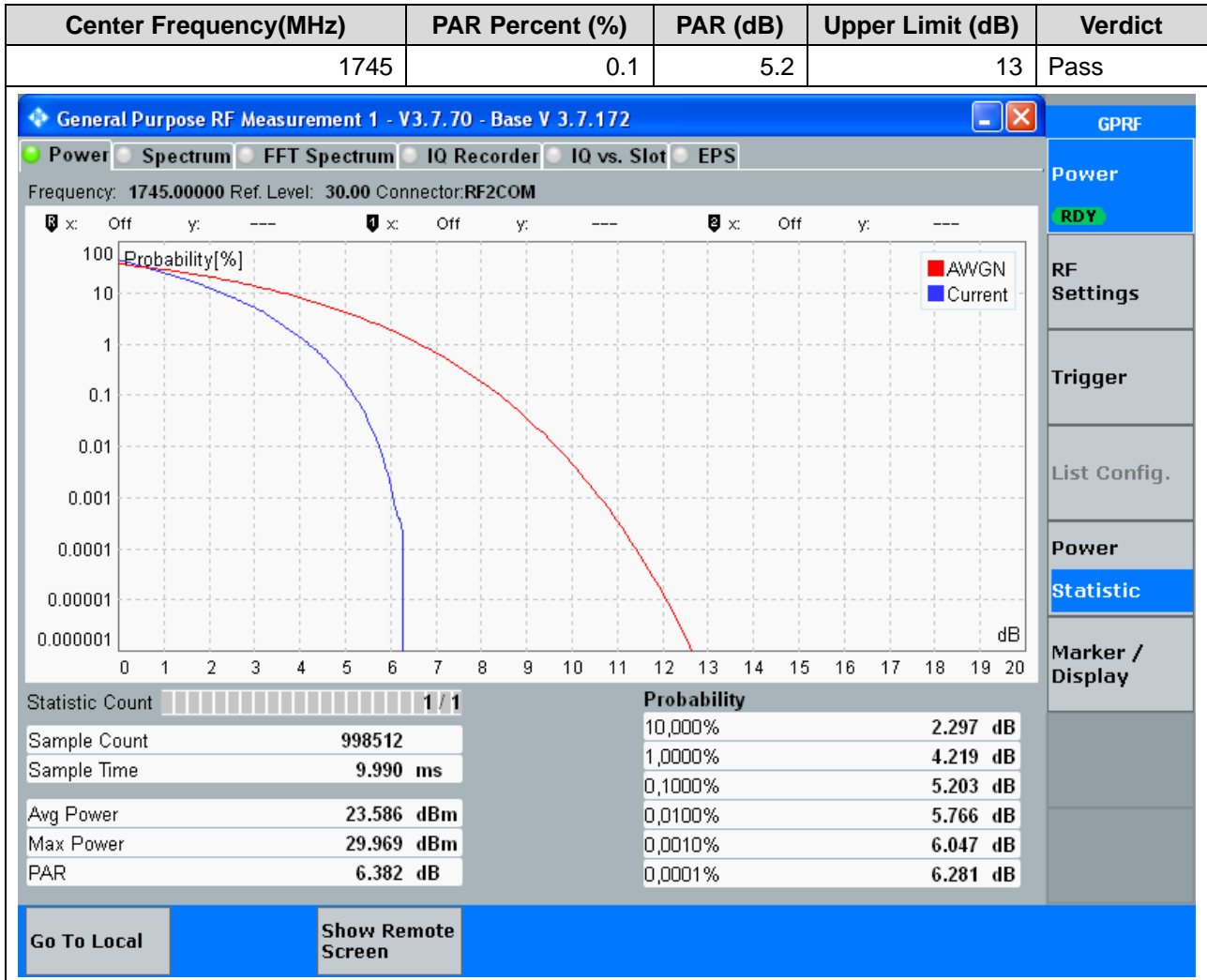
Probability	Value
10,000%	2.859 dB
1,0000%	4.875 dB
0,1000%	6.047 dB
0,0100%	6.703 dB
0,0010%	7.266 dB
0,0001%	7.266 dB

Go To Local
Show Remote Screen

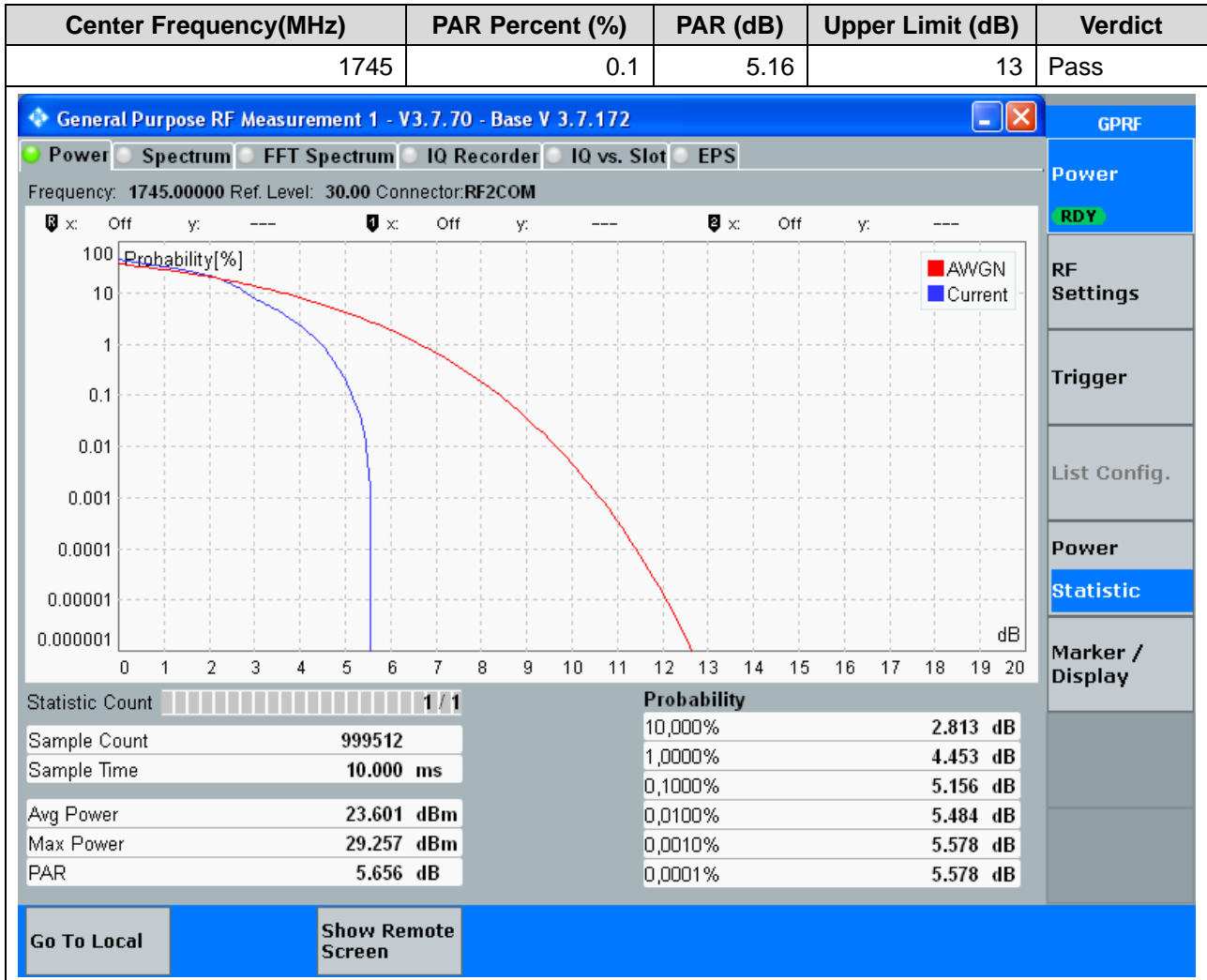
9.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



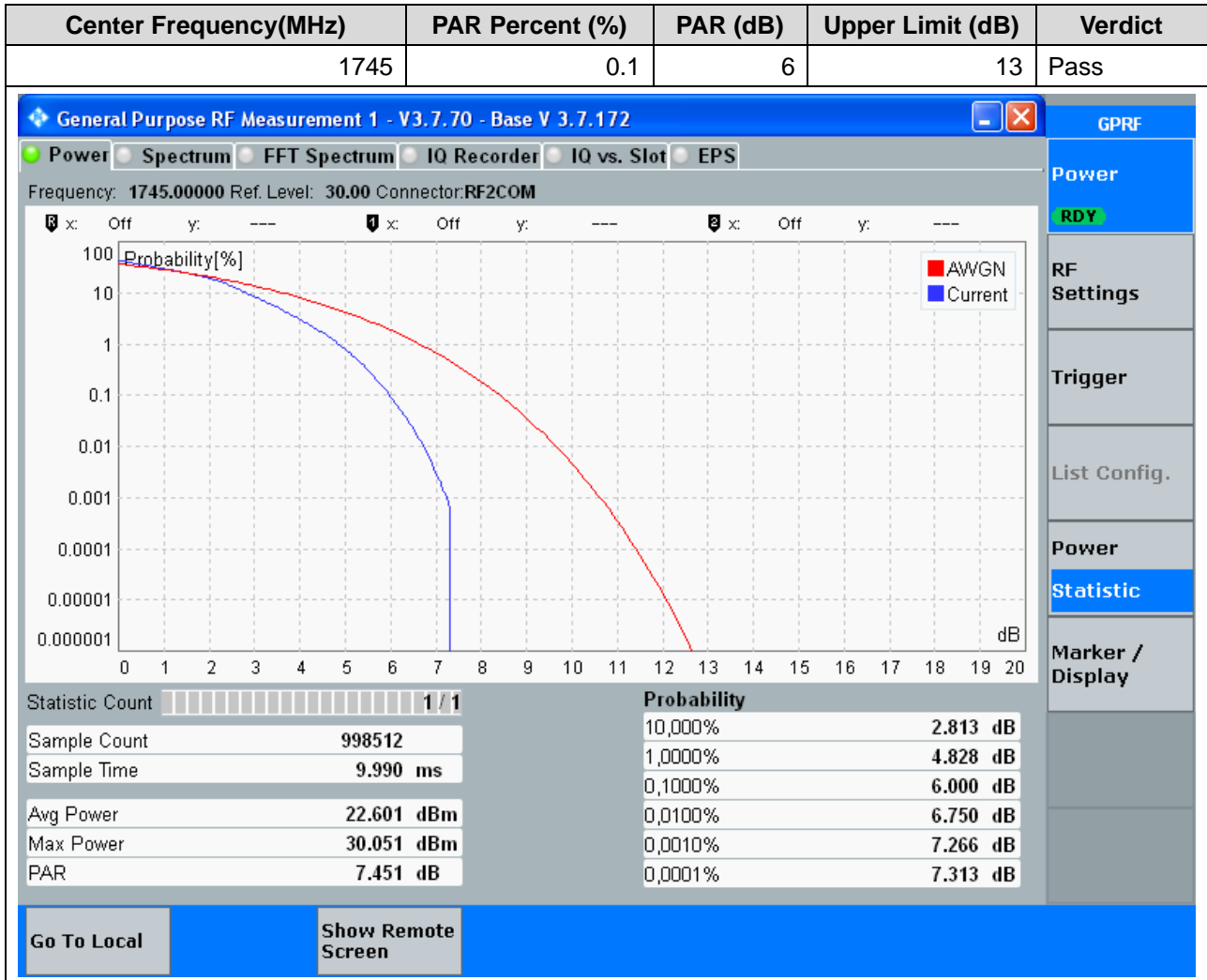
9.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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



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



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

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	4.08	13	Pass

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

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

Frequency: 1770.00000 Ref. Level: 30.00 Connector:RF2COM

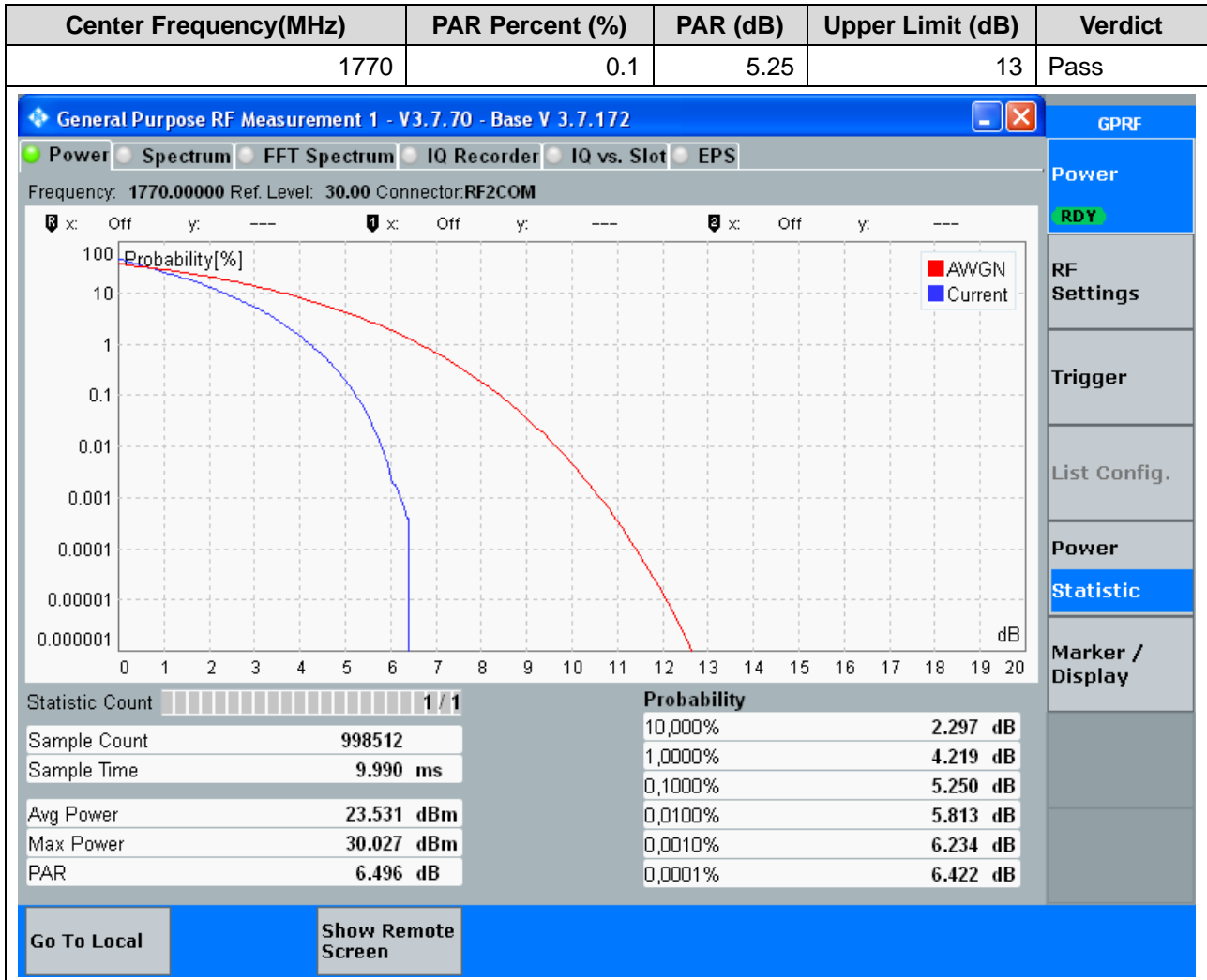
x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count		Probability	
Sample Count	999514	10,000%	2.438 dB
Sample Time	10.000 ms	1,0000%	3.703 dB
Avg Power	24.483 dBm	0,1000%	4.078 dB
Max Power	28.852 dBm	0,0100%	4.219 dB
PAR	4.368 dB	0,0010%	4.266 dB
		0,0001%	4.313 dB

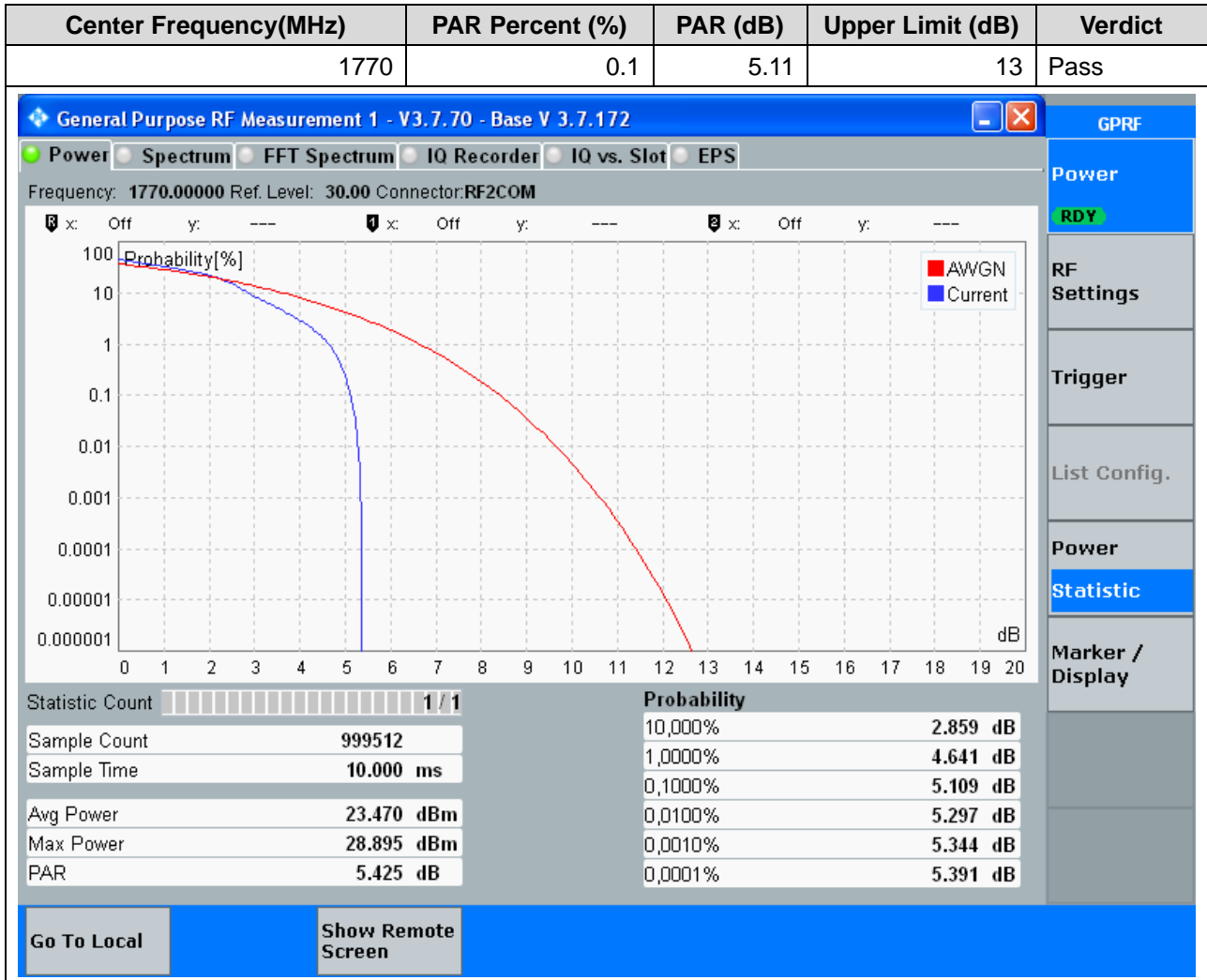
Go To Local

Show Remote Screen

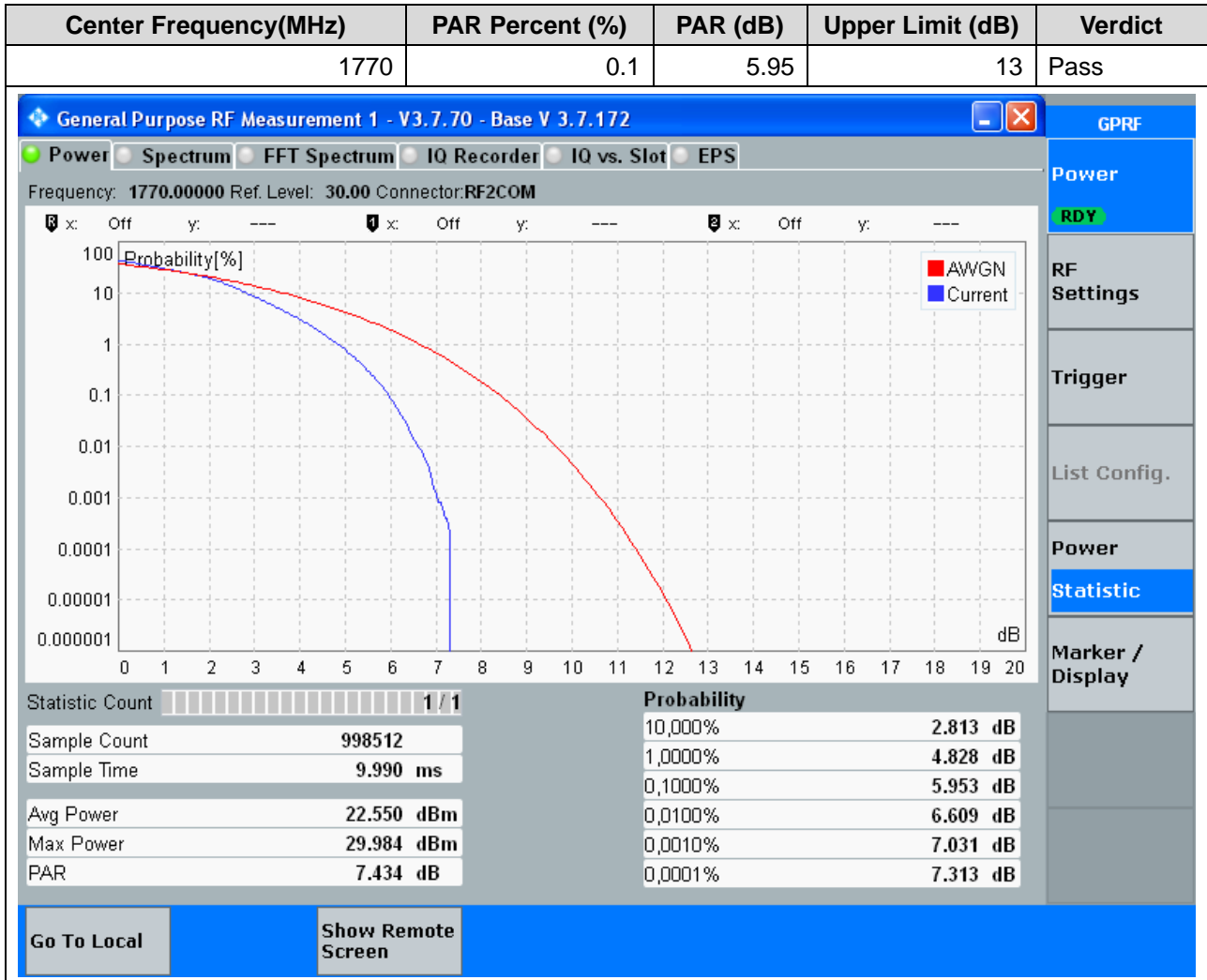
9.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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



9.12. 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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