

Annex A.2 Peak to Average Ratio

1. WCDMA_Band2

1.1. WCDMA Peak to Average Ratio(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 - V3.5.110 - Base V 3.5.137

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1852.40000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count		Probability	
Sample Count	999512	10,000%	1.641 dB
Sample Time	40.000 ms	1,0000%	2.484 dB
Avg Power	23.130 dBm	0,1000%	2.953 dB
Max Power	26.559 dBm	0,0100%	3.188 dB
PAR	3.429 dB	0,0001%	3.375 dB

GPRF

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

Go To Local
Show Remote Screen

1.2. WCDMA Peak to Average Ratio(NTNV)(Channel:9400)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	2.91	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: 1880.00000 Ref. Level: 30.00 Connector:RF2COM

Statistic Count		Probability	
Sample Count	1024090	10,000%	1.641 dB
Sample Time	40.984 ms	1,0000%	2.484 dB
Avg Power	23.263 dBm	0,1000%	2.906 dB
Max Power	26.667 dBm	0,0100%	3.141 dB
PAR	3.404 dB	0,0010%	3.234 dB
		0,0001%	3.328 dB

Go To Local Show Remote Screen

1.3. WCDMA Peak to Average Ratio(NTNV)(Channel:9538)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1907.6	0.1	2.77	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: **1907.60000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count 1 / 1	Probability
Sample Count 998712	10,000% 1.594 dB
Sample Time 39.968 ms	1,0000% 2.344 dB
Avg Power 23.251 dBm	0,1000% 2.766 dB
Max Power 26.491 dBm	0,0100% 3.000 dB
PAR 3.240 dB	0,0010% 3.094 dB
	0,0001% 3.141 dB

Go To Local
Show Remote Screen

GPRF

Power

RDY

RF Settings

Trigger

List Config.

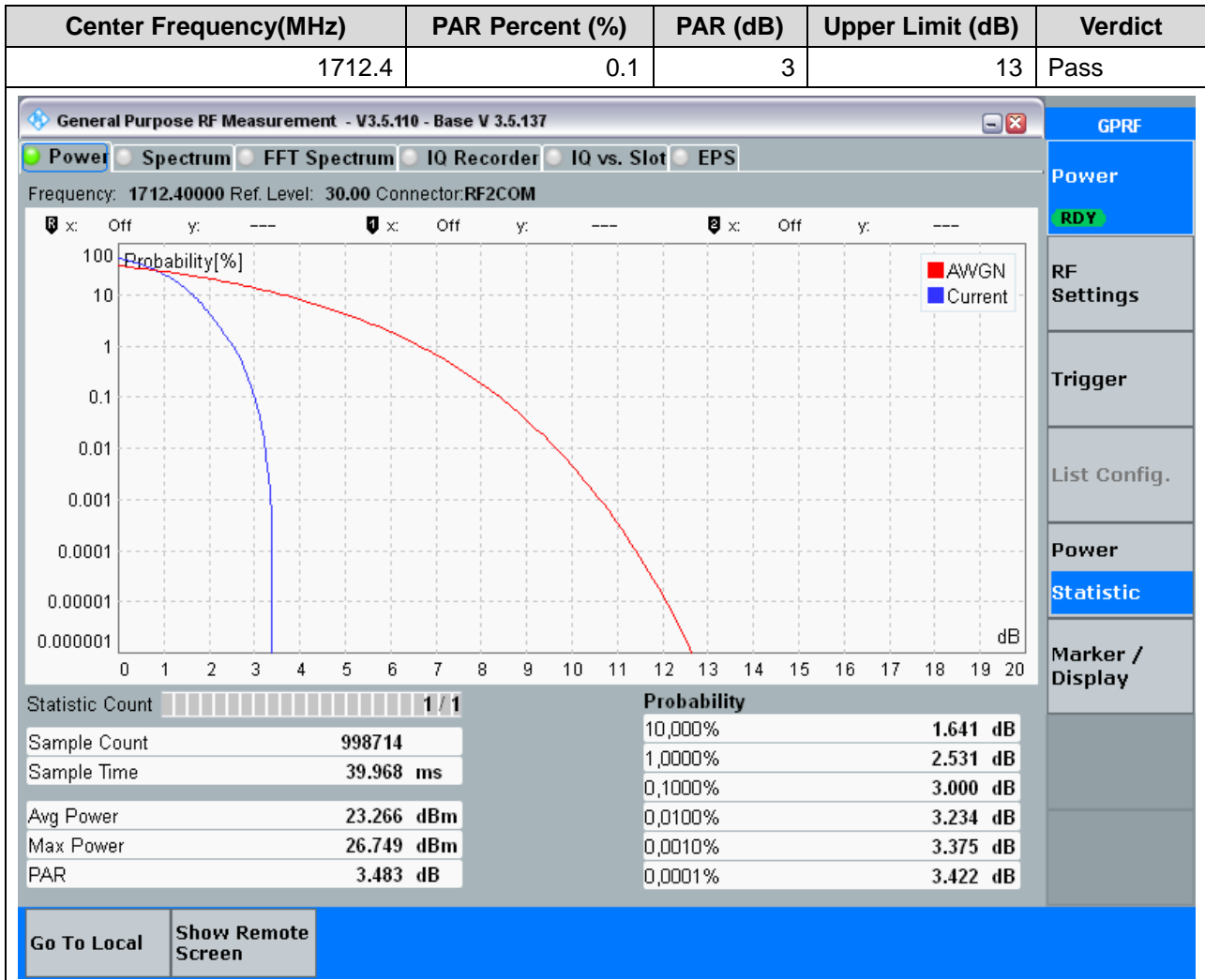
Power

Statistic

Marker / Display

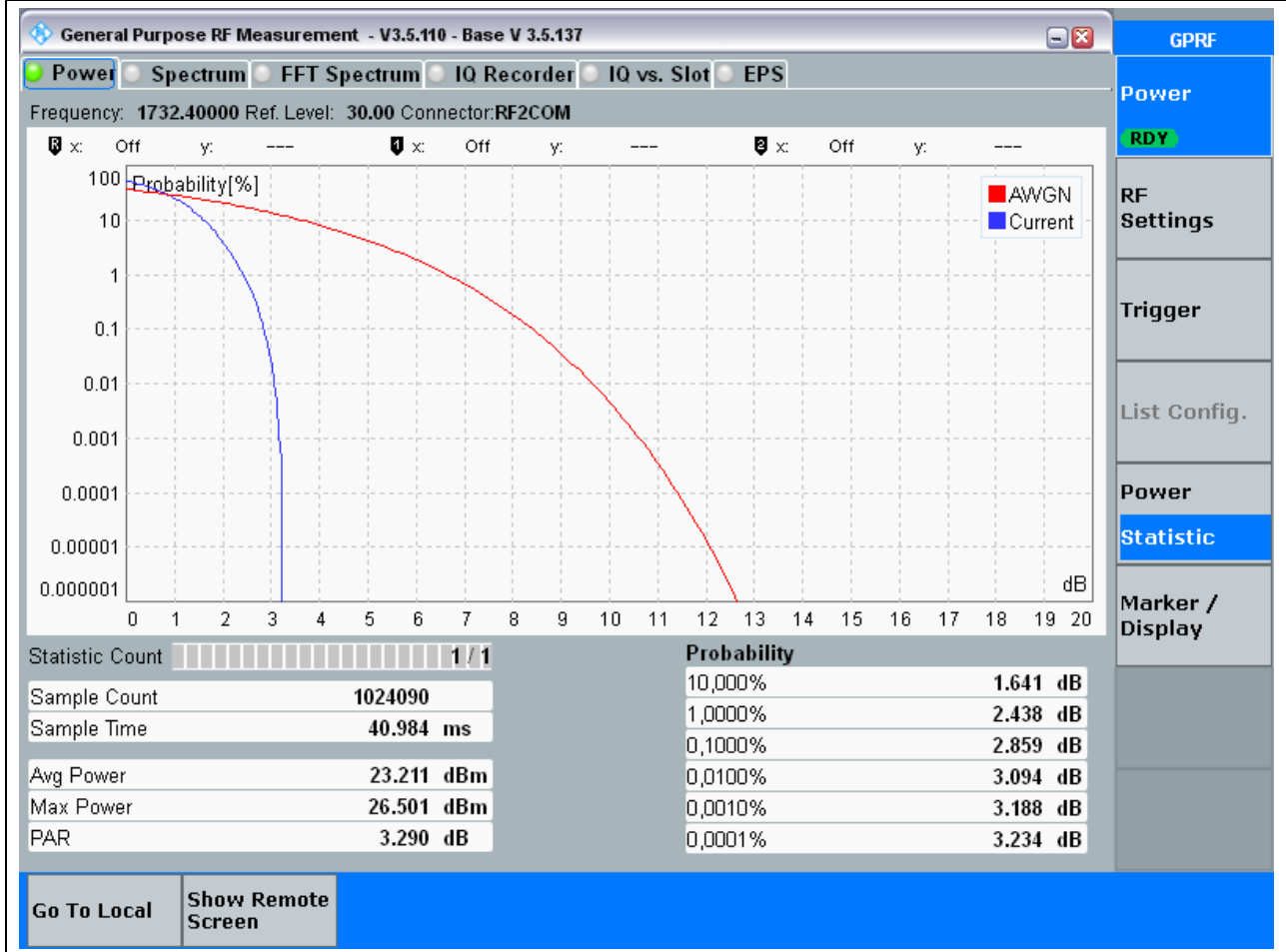
2. WCDMA_Band4

2.1. WCDMA Peak to Average Ratio(NTNV)(Channel:1312)



2.2. WCDMA Peak to Average Ratio(NTNV)(Channel:1412)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.4	0.1	2.86	13	Pass



2.3. WCDMA Peak to Average Ratio(NTNV)(Channel:1513)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1752.6	0.1	3.05	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: 1752.60000 Ref. Level: 30.00 Connector:RF2COM

x: Off y: ---

x: Off y: ---

x: Off y: ---

Statistic Count 1 / 1	Probability
Sample Count 998712	10,000% 1.688 dB
Sample Time 39.968 ms	1,0000% 2.578 dB
Avg Power 23.236 dBm	0,1000% 3.047 dB
Max Power 26.811 dBm	0,0100% 3.281 dB
PAR 3.575 dB	0,0010% 3.422 dB
	0,0001% 3.469 dB

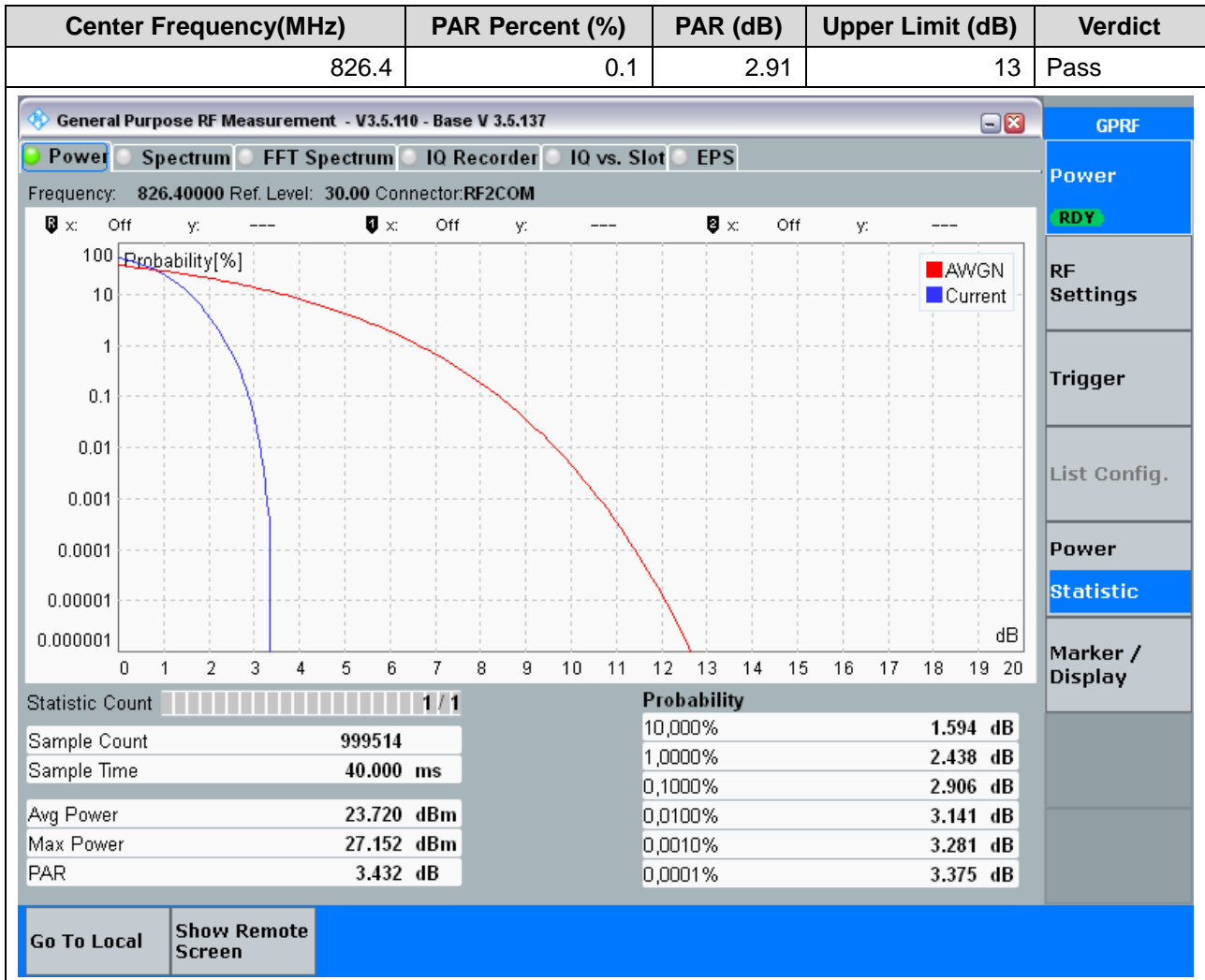
Go To Local
Show Remote Screen

Power
RDY

RF Settings
Trigger
List Config.
Power
Statistic
Marker / Display

3. WCDMA_Band5

3.1. WCDMA Peak to Average Ratio(NTNV)(Channel:4132)



3.2. WCDMA Peak to Average Ratio(NTNV)(Channel:4182)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.4	0.1	2.86	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: **836.40000** Ref. Level: **30.00** Connector: **RF2COM**

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

Statistic Count 1 / 1	Probability
Sample Count 1024090	10,000% 1.594 dB
Sample Time 40.984 ms	1,0000% 2.438 dB
Avg Power 23.641 dBm	0,1000% 2.859 dB
Max Power 27.024 dBm	0,0100% 3.094 dB
PAR 3.382 dB	0,0010% 3.234 dB
	0,0001% 3.328 dB

Go To Local
Show Remote Screen

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

3.3. WCDMA Peak to Average Ratio(NTNV)(Channel:4233)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
846.6	0.1	2.95	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

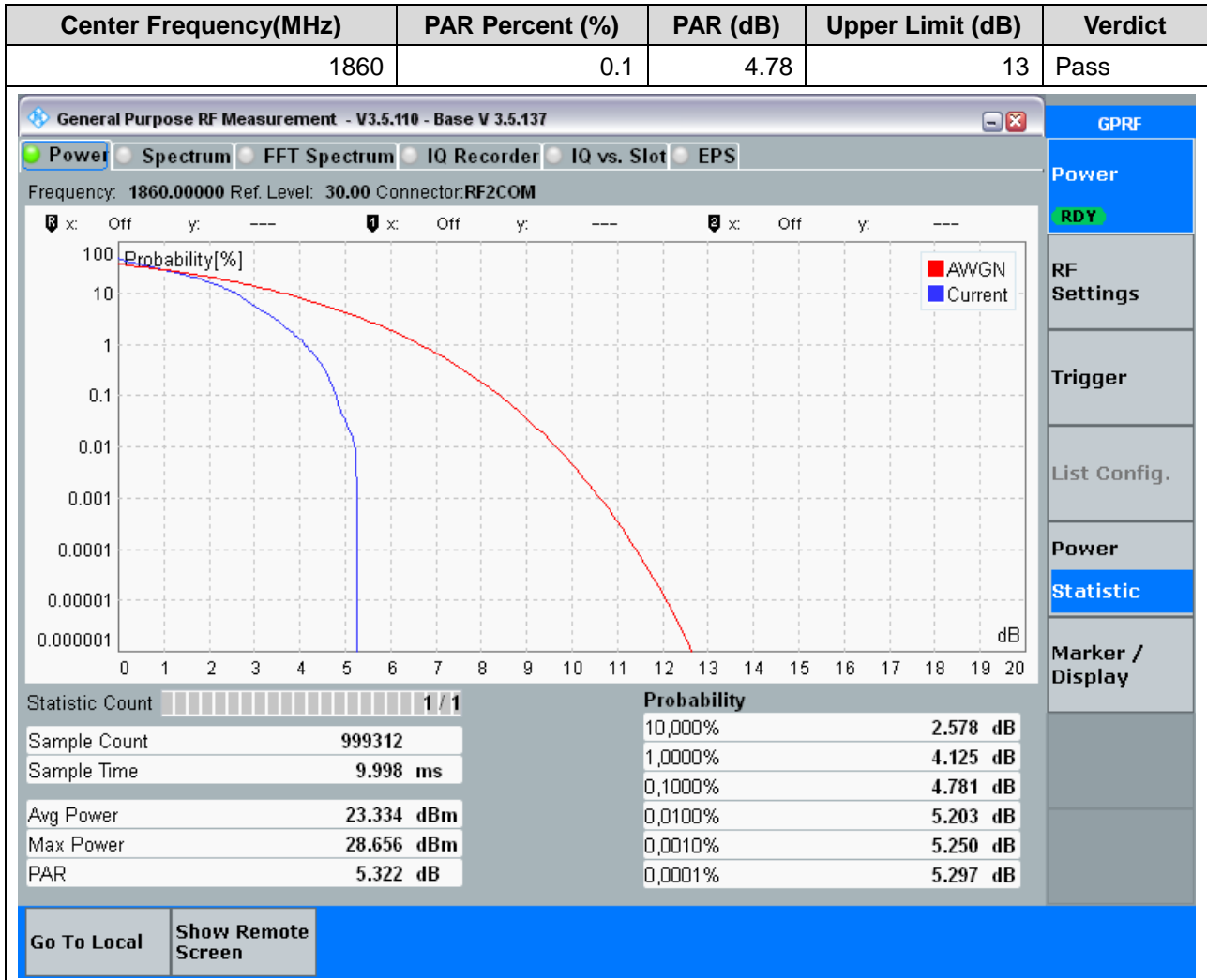
Frequency: **846.60000** Ref. Level: **30.00** Connector: **RF2COM**

Statistic Count		Probability	
Sample Count	999512	10,000%	1.641 dB
Sample Time	40.000 ms	1,0000%	2.484 dB
Avg Power	23.750 dBm	0,1000%	2.953 dB
Max Power	27.181 dBm	0,0100%	3.188 dB
PAR	3.430 dB	0,0010%	3.328 dB
		0,0001%	3.422 dB

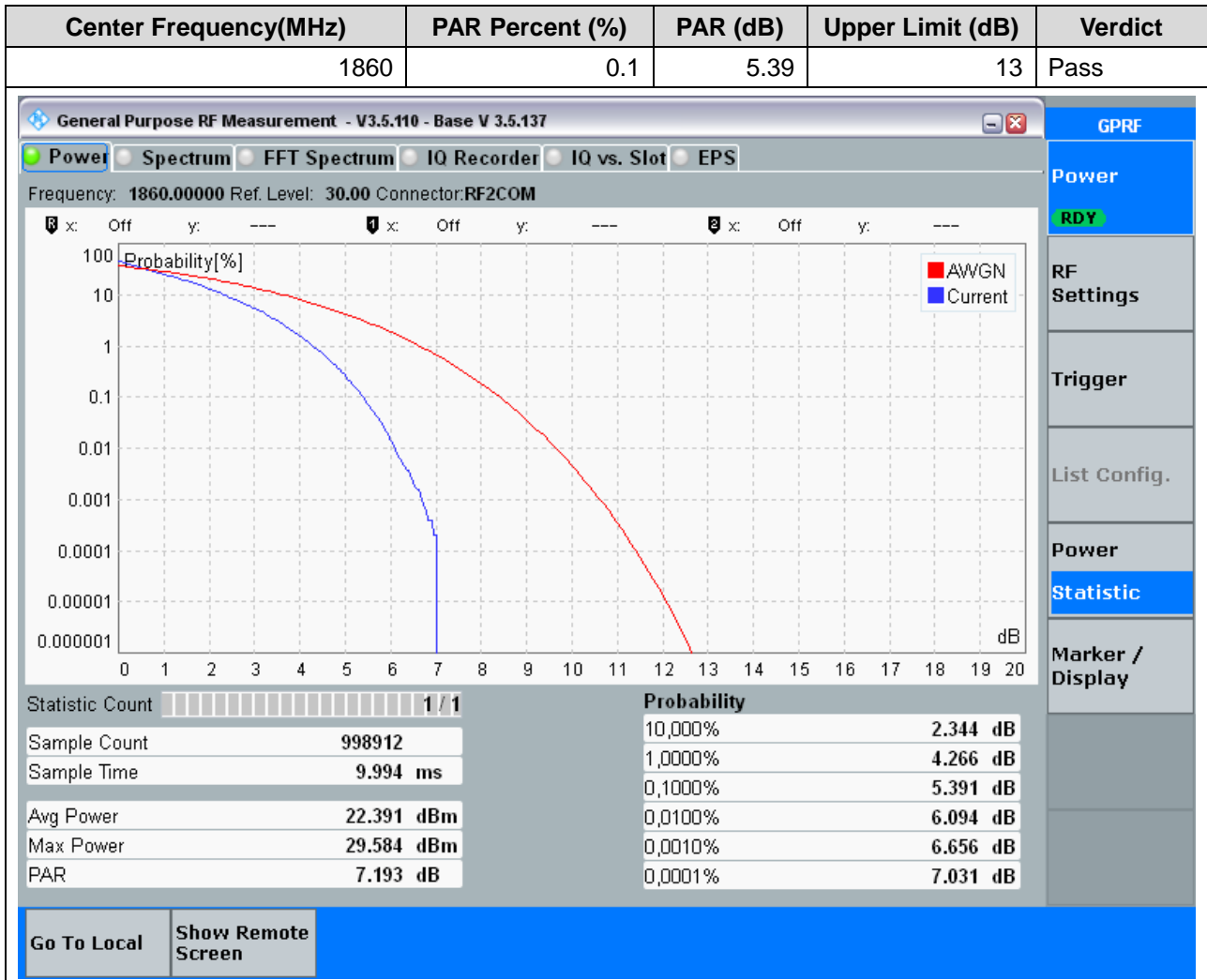
Go To Local Show Remote Screen

4. LTE_Band2

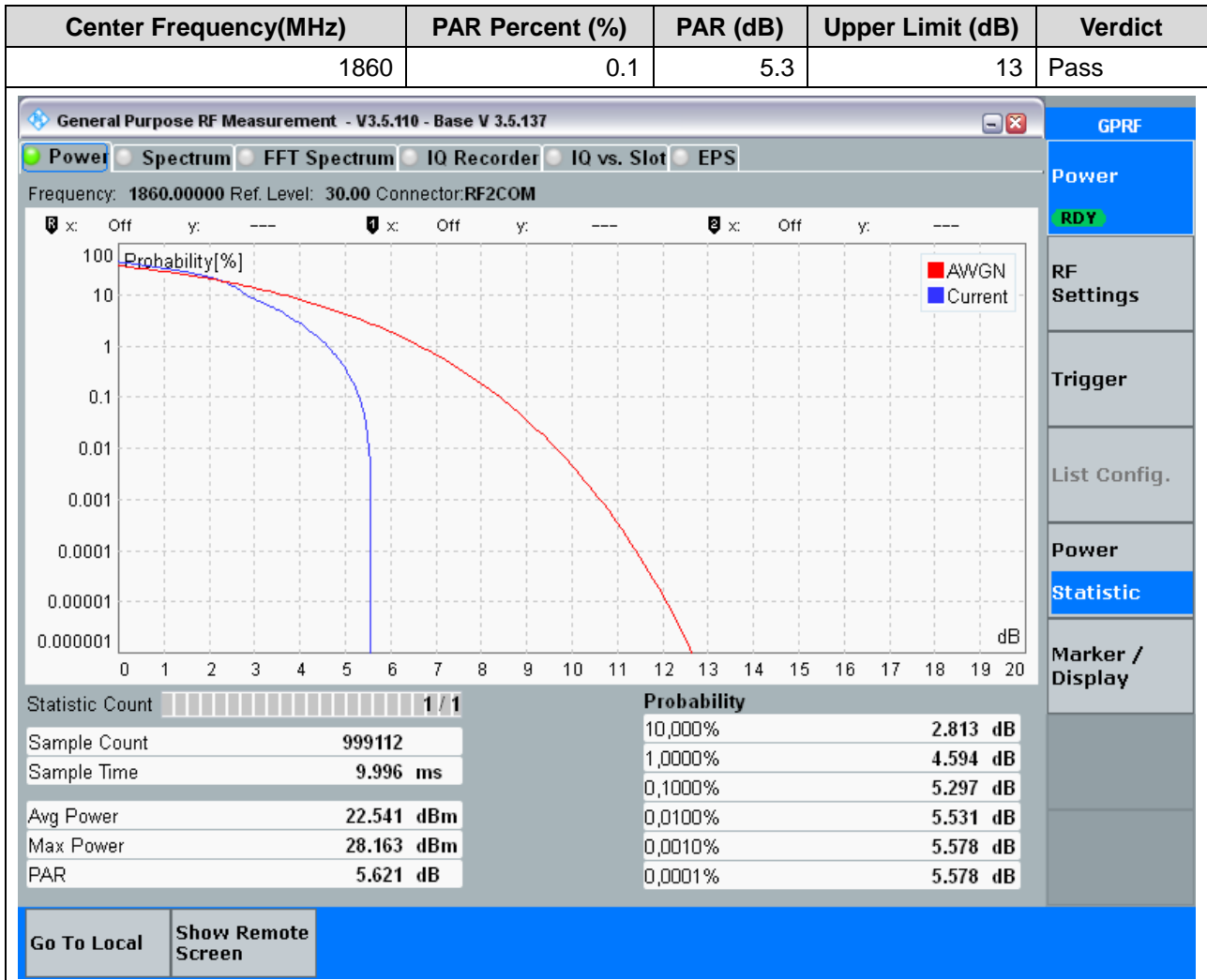
4.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



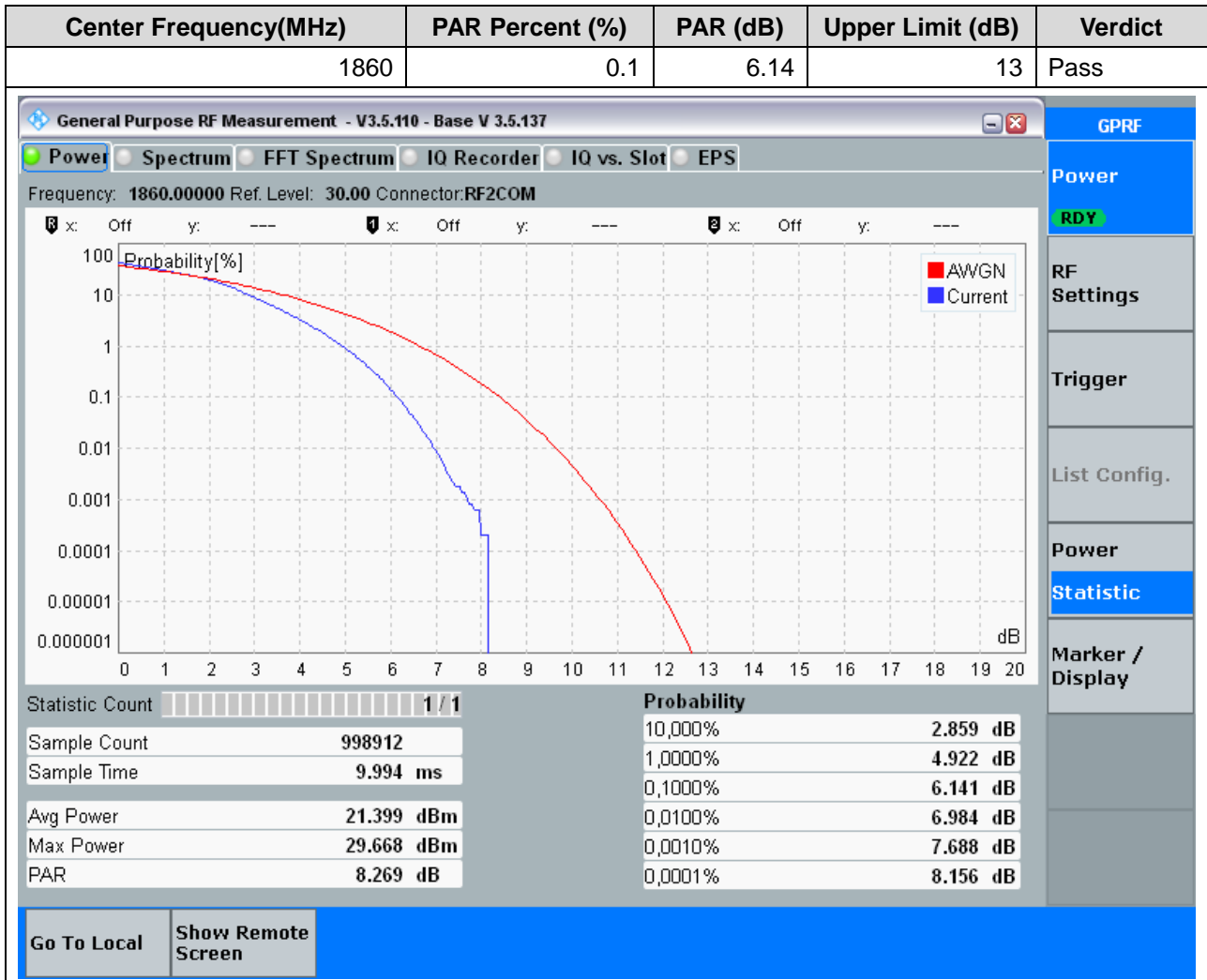
4.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



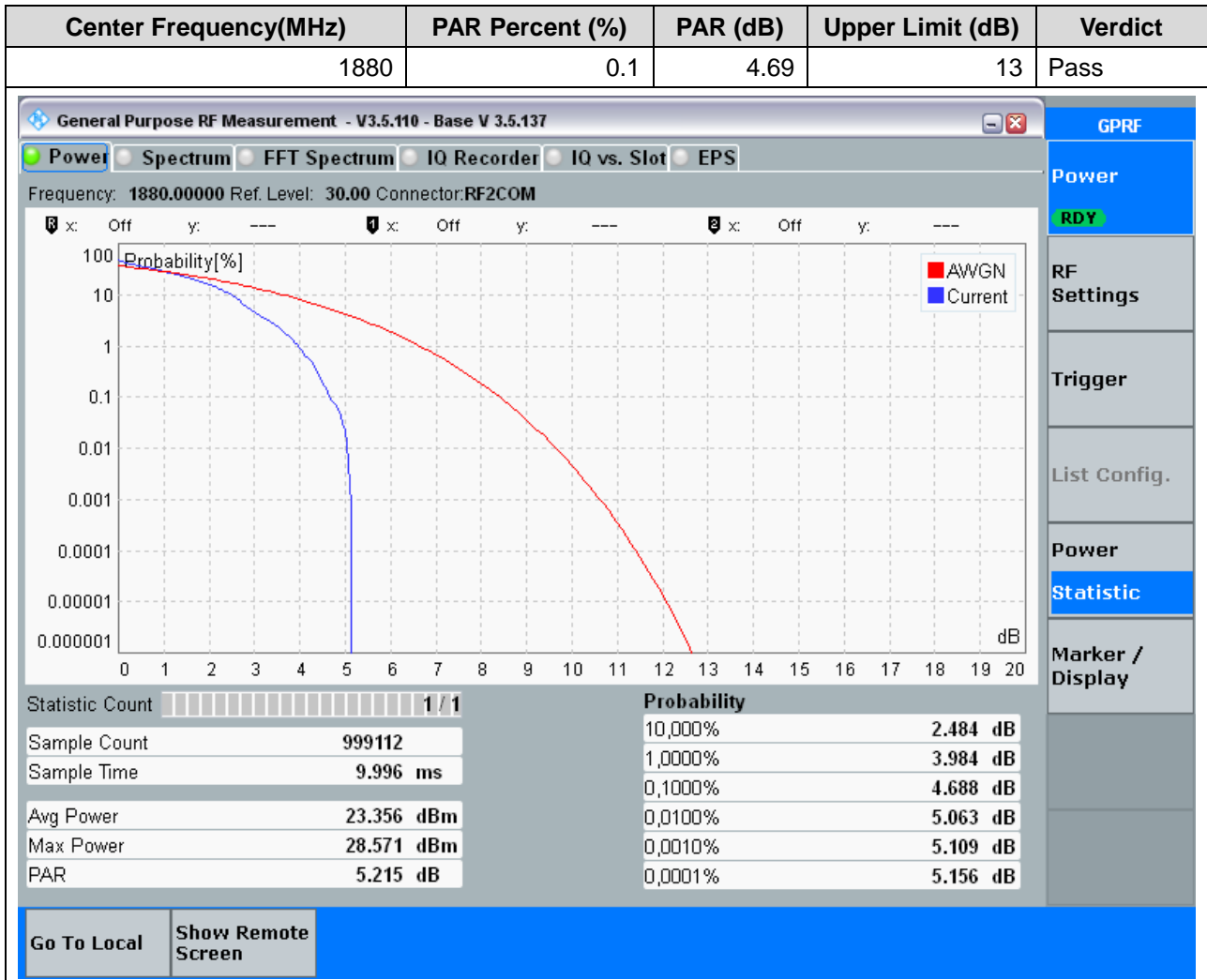
4.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



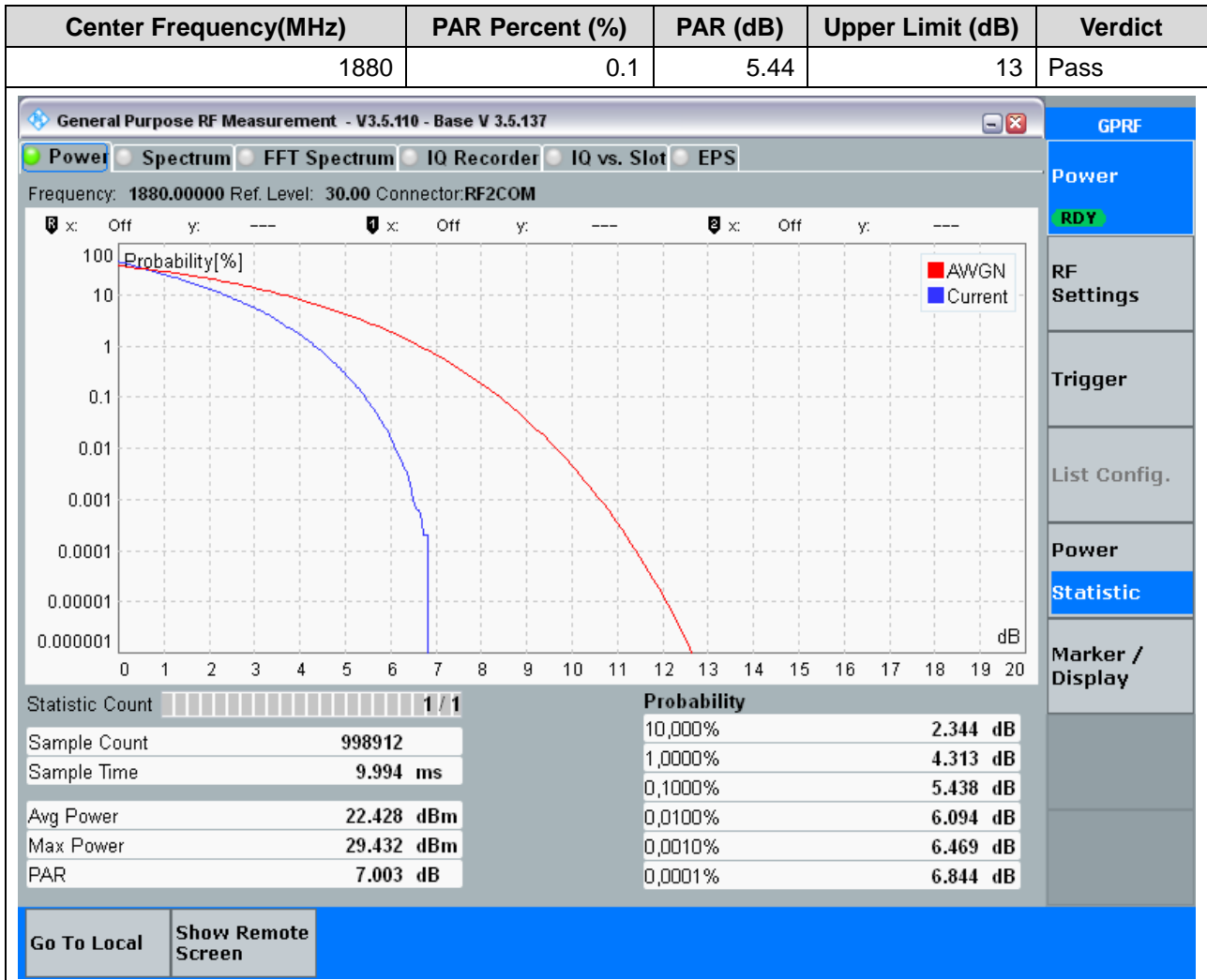
4.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



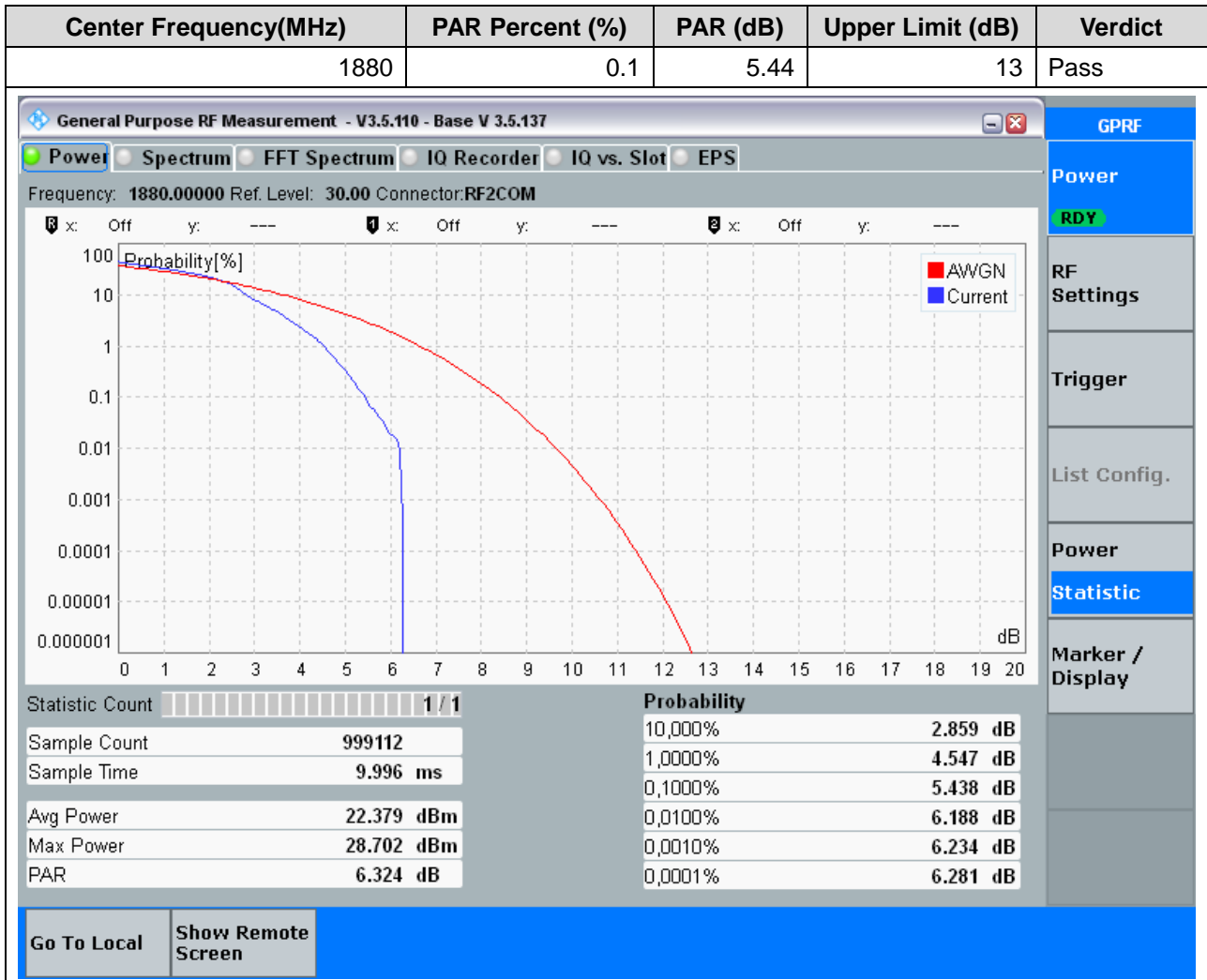
4.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



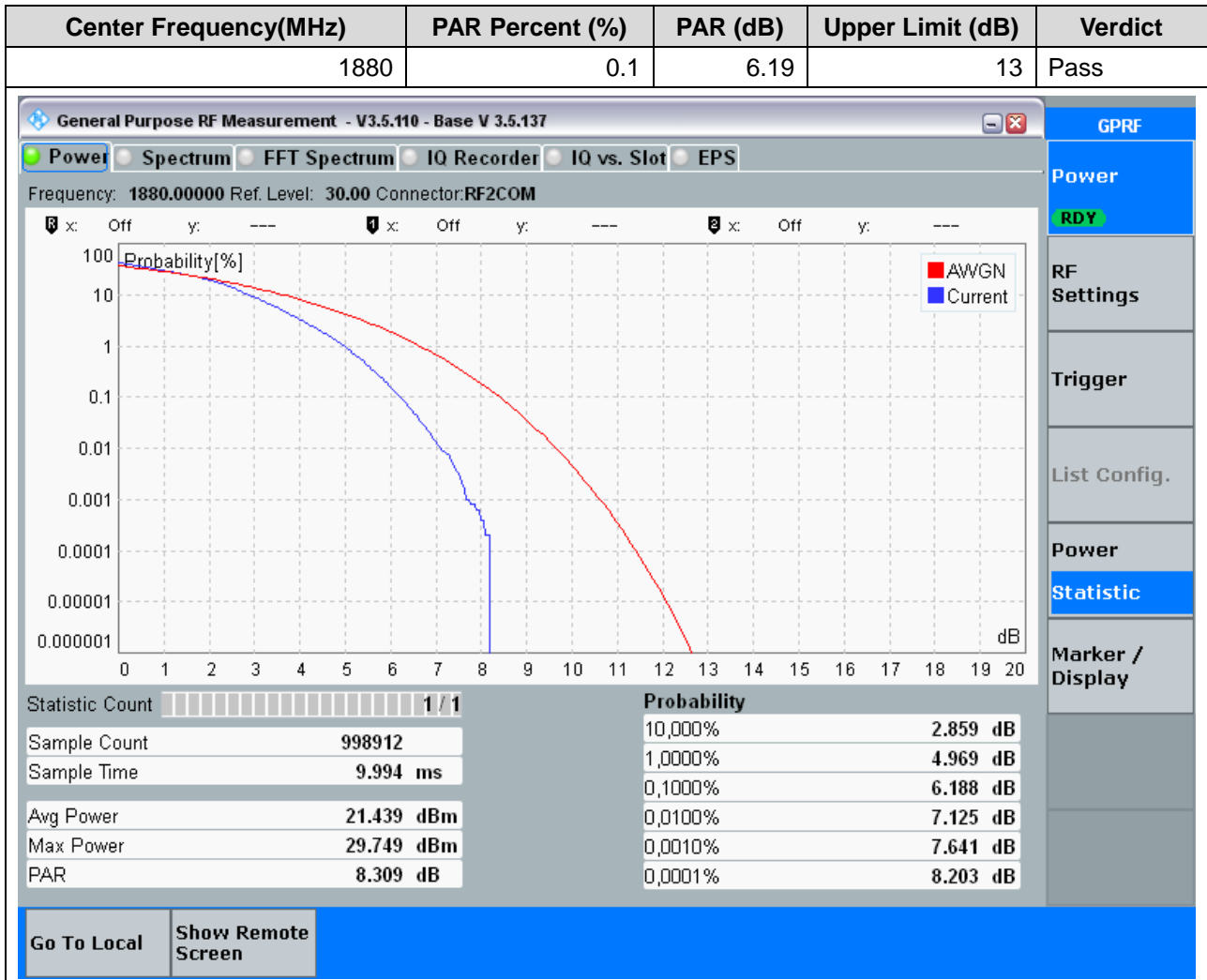
4.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



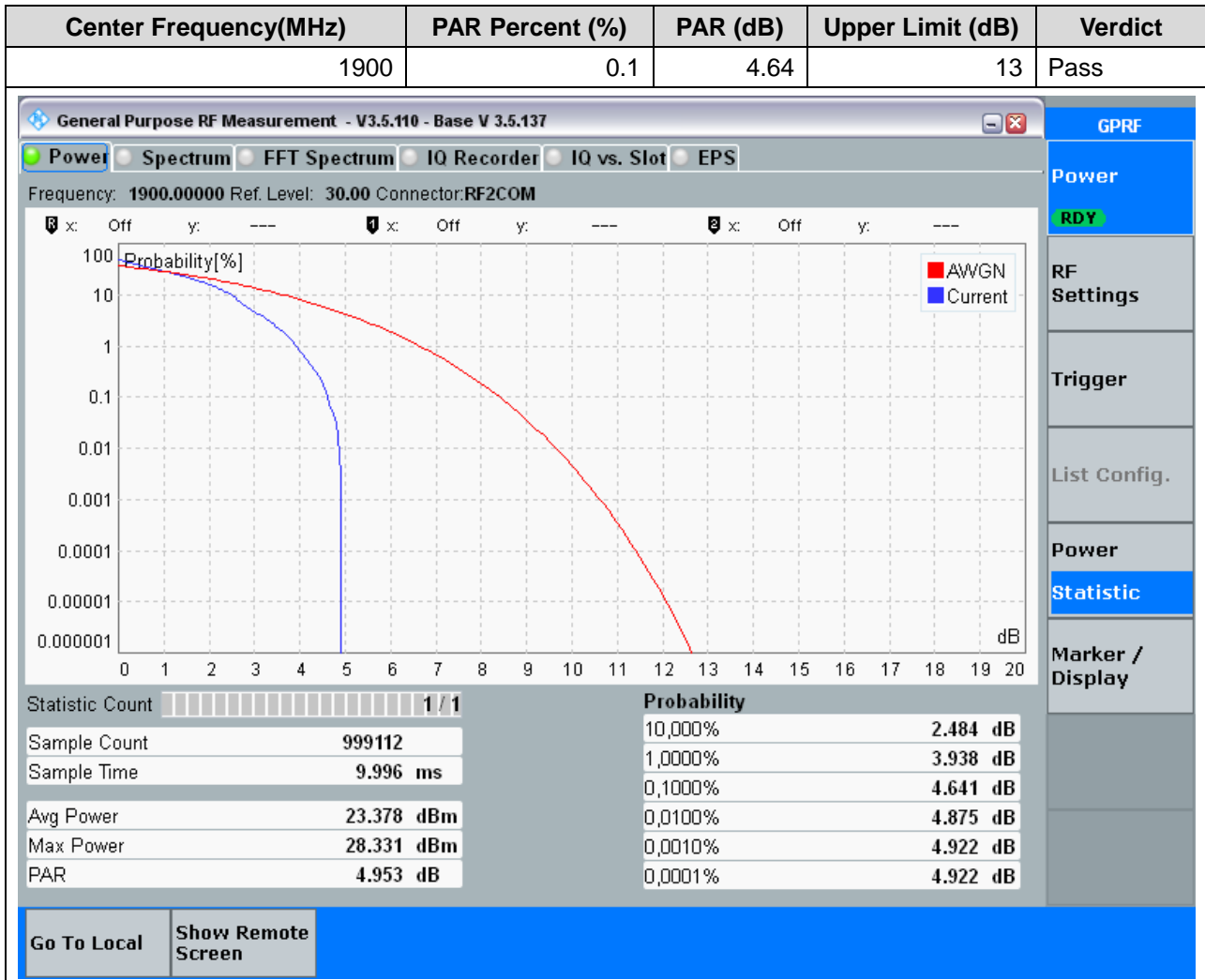
4.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



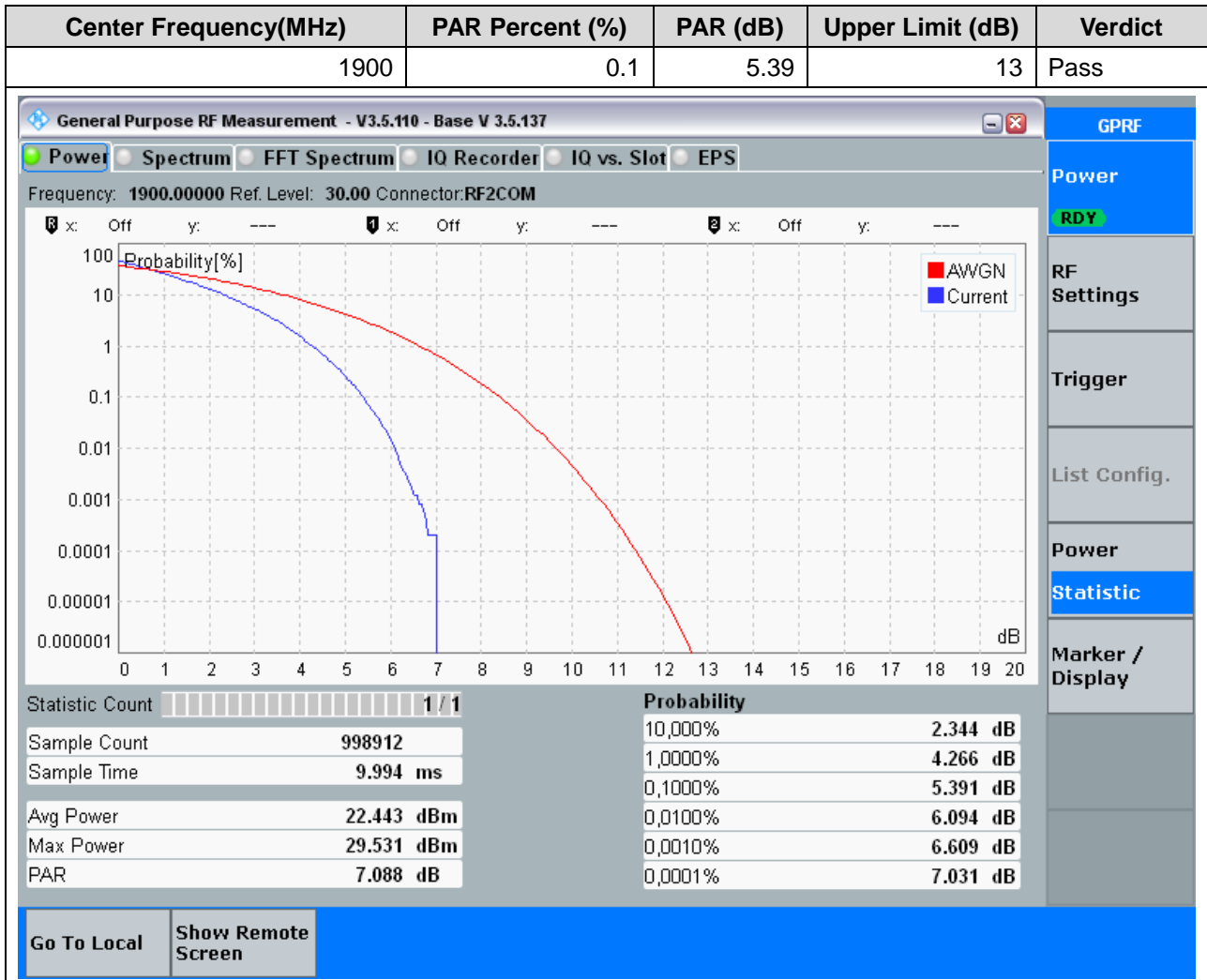
4.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



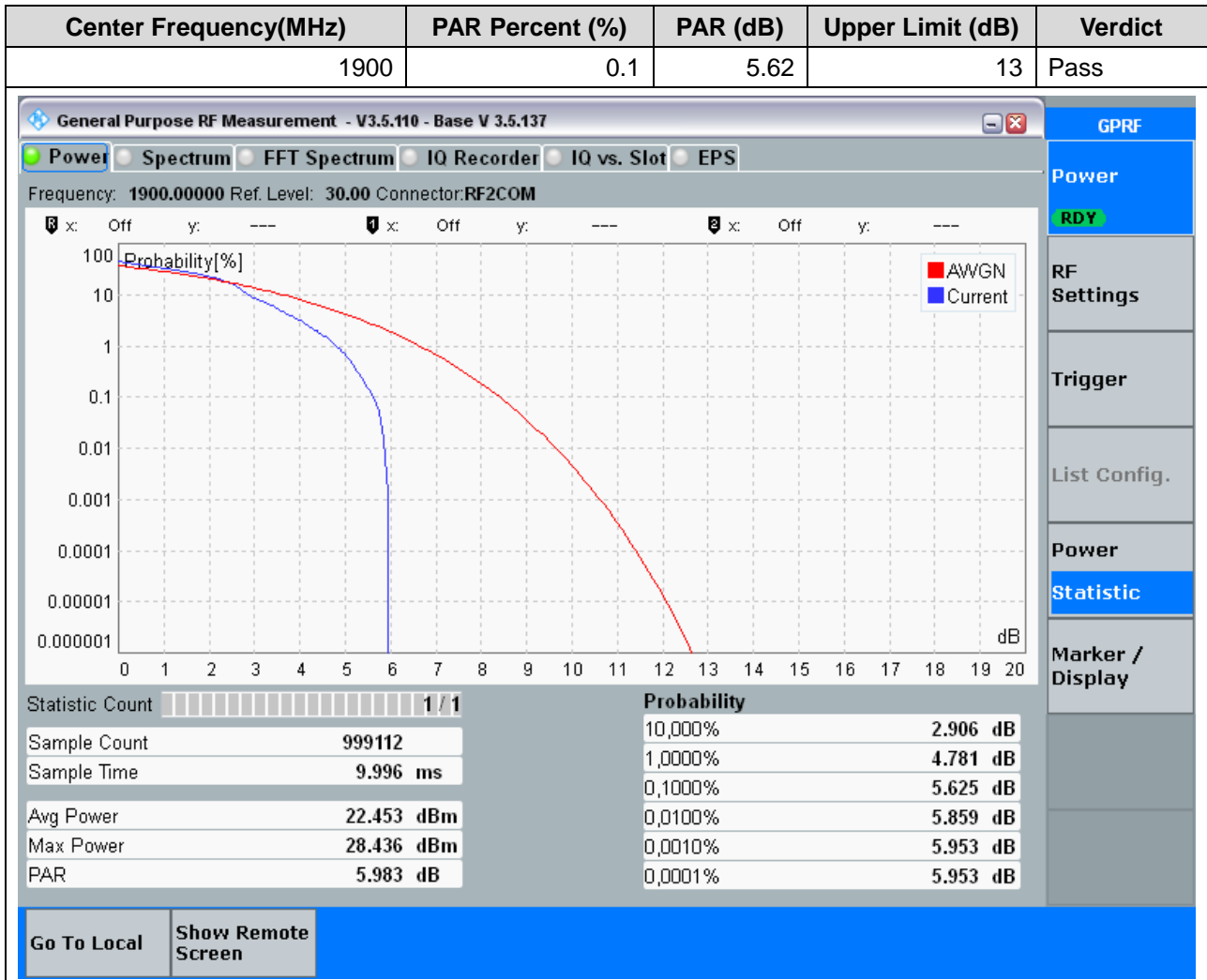
4.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



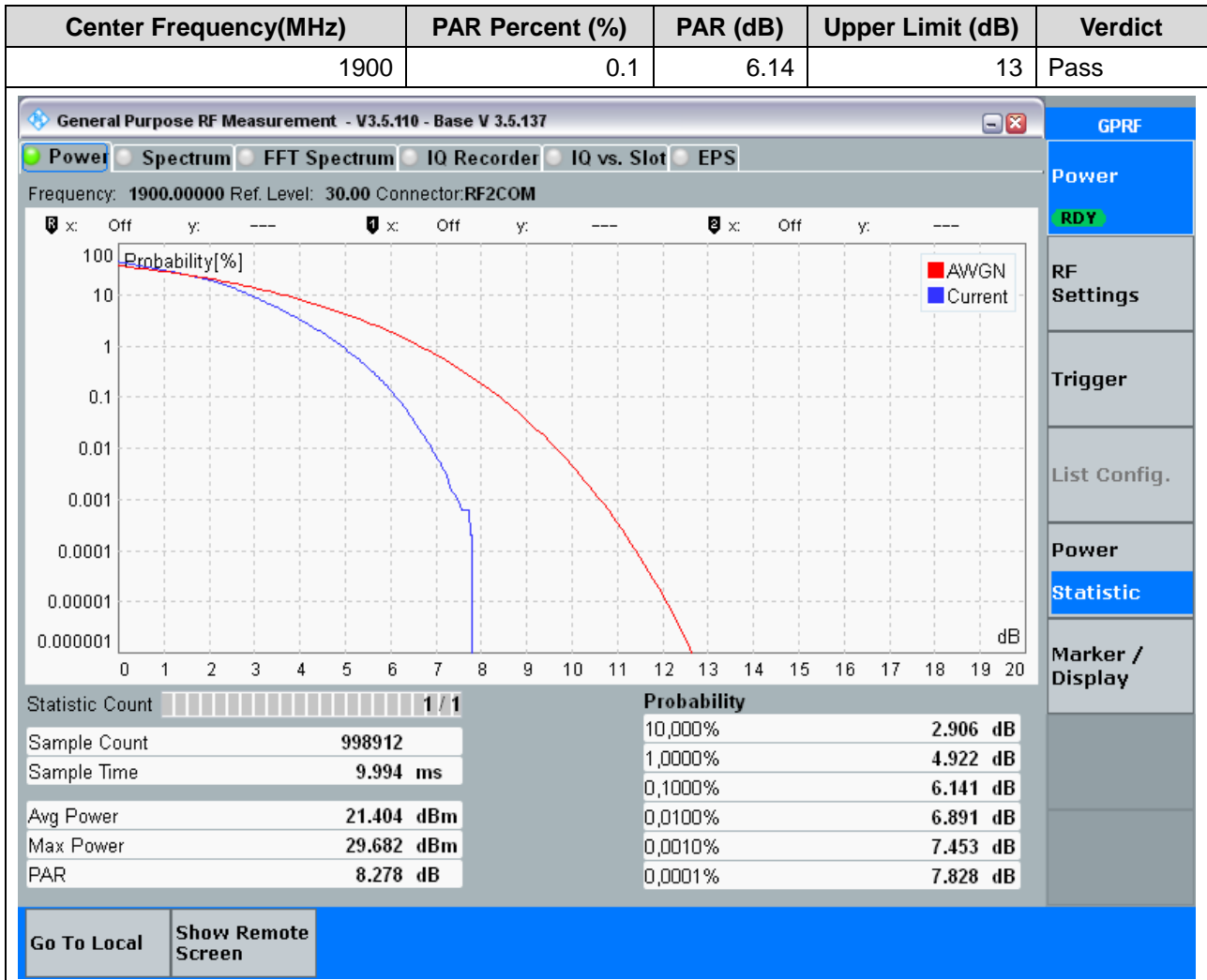
4.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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

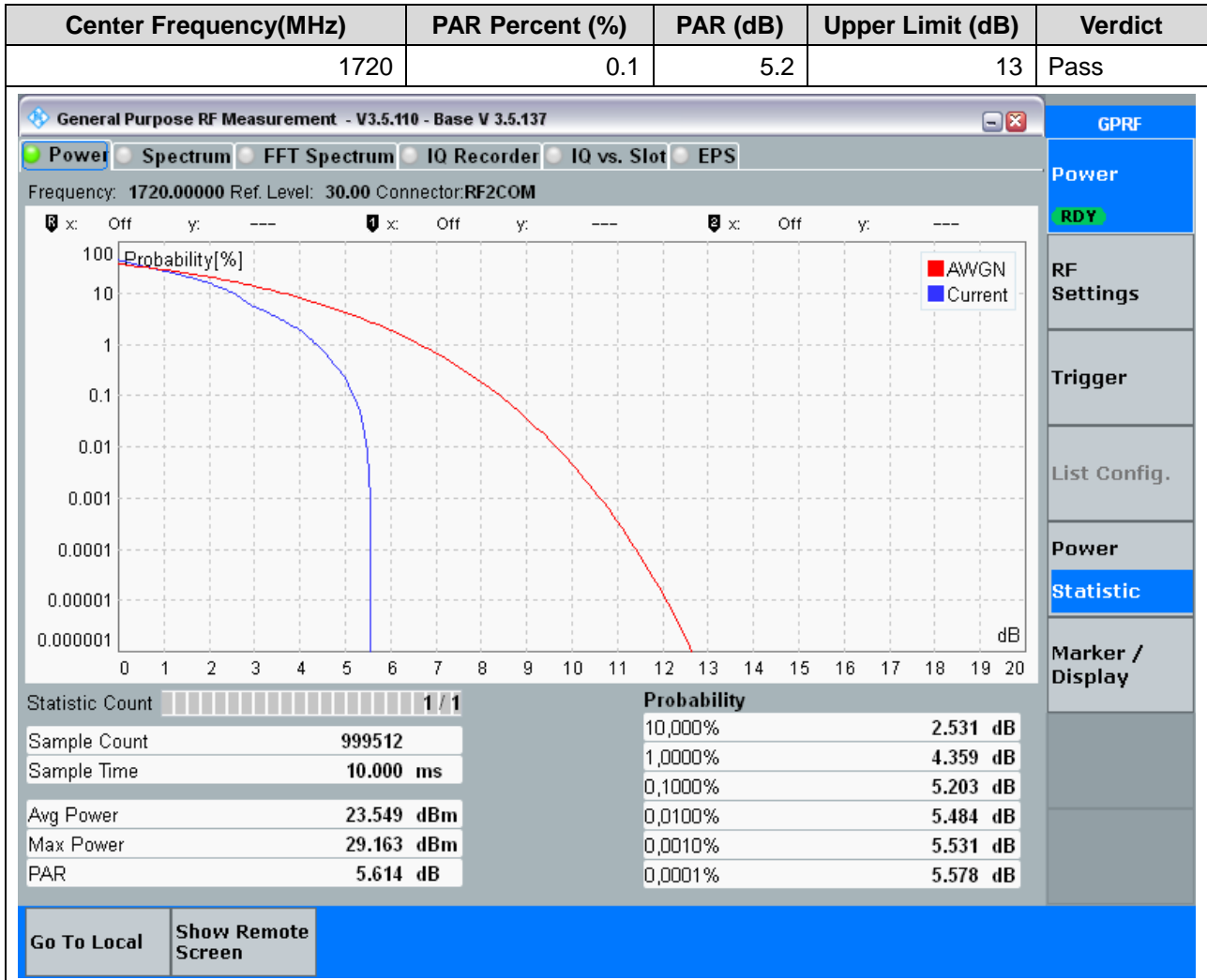


4.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

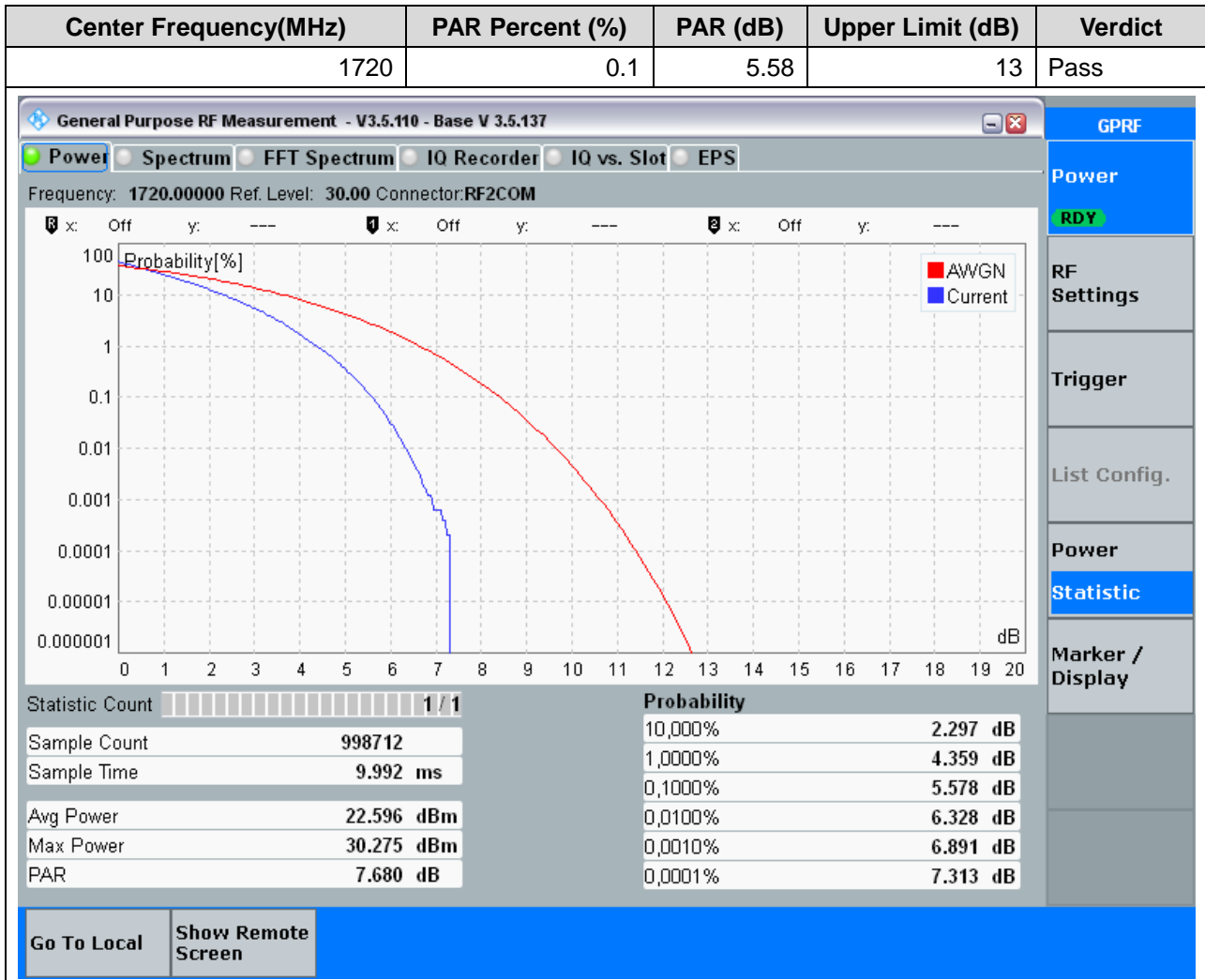


5. LTE_Band4

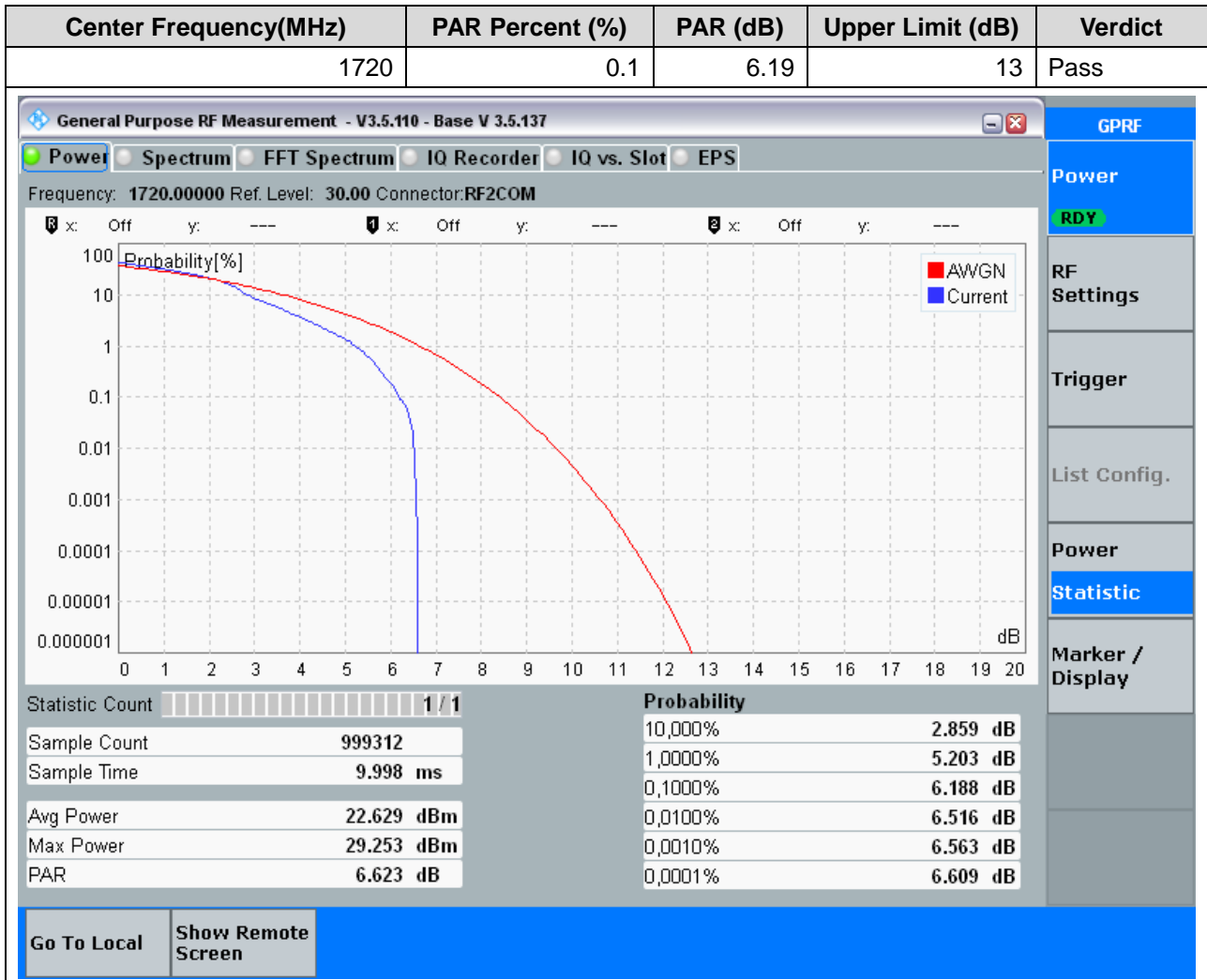
5.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



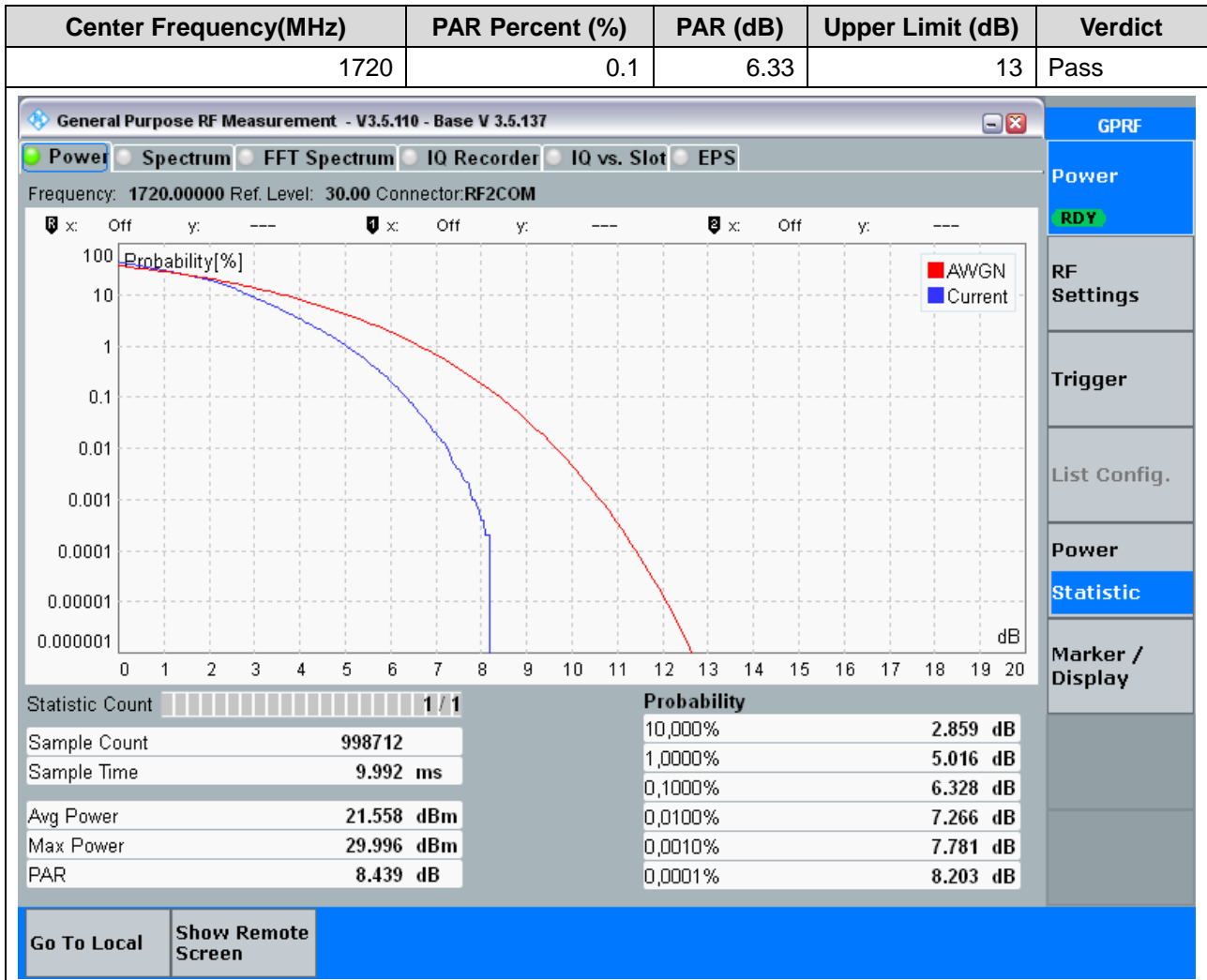
5.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



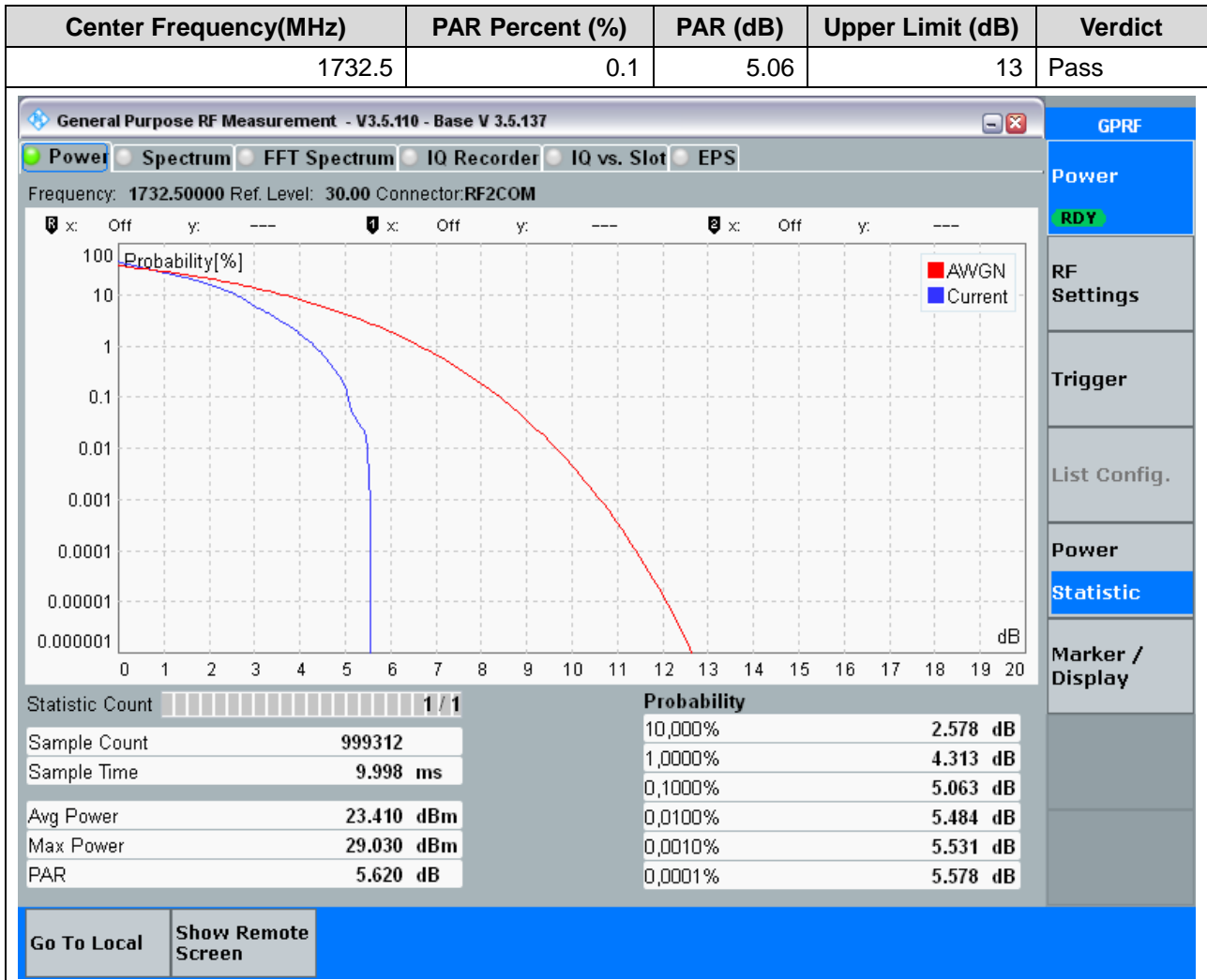
5.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



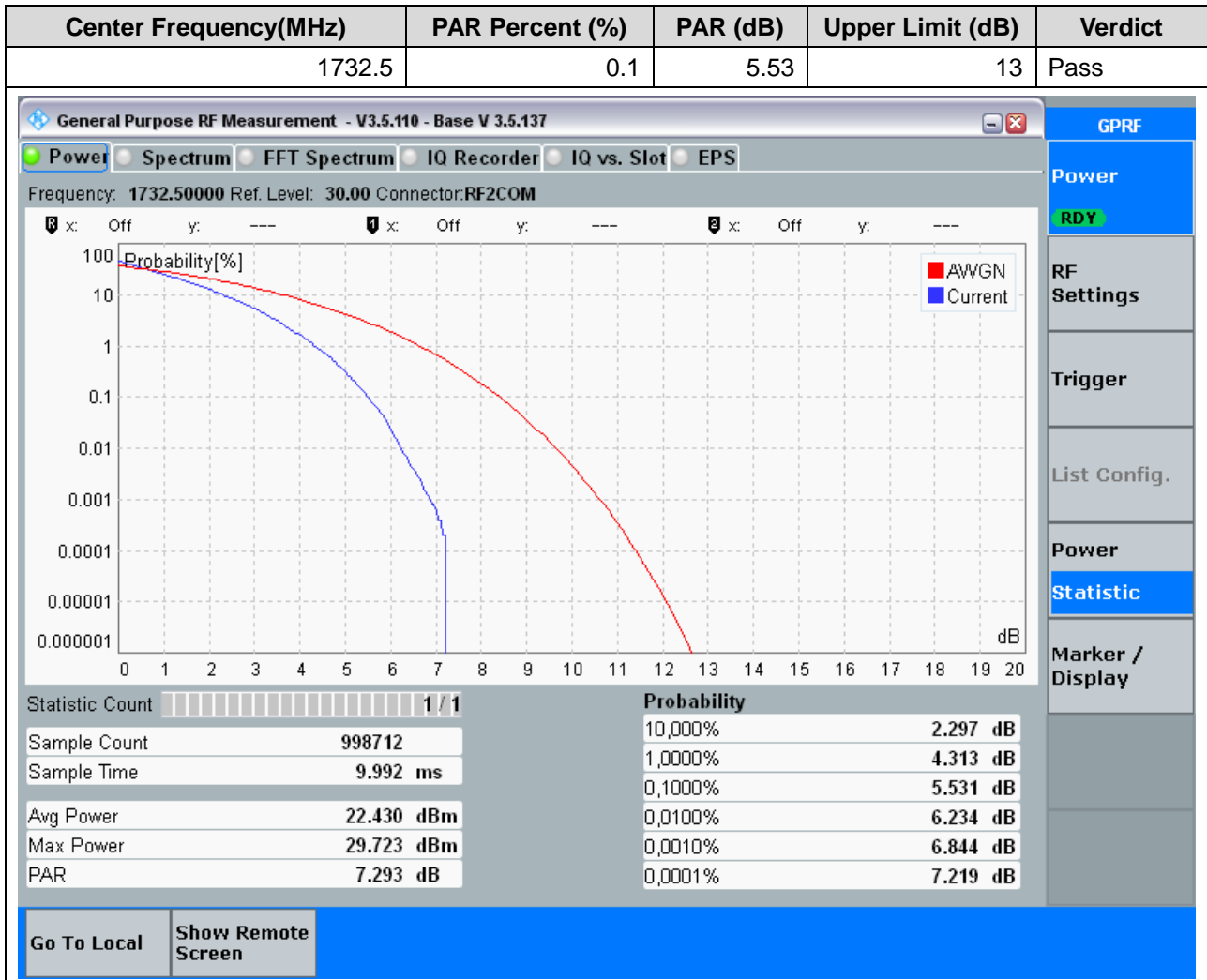
5.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



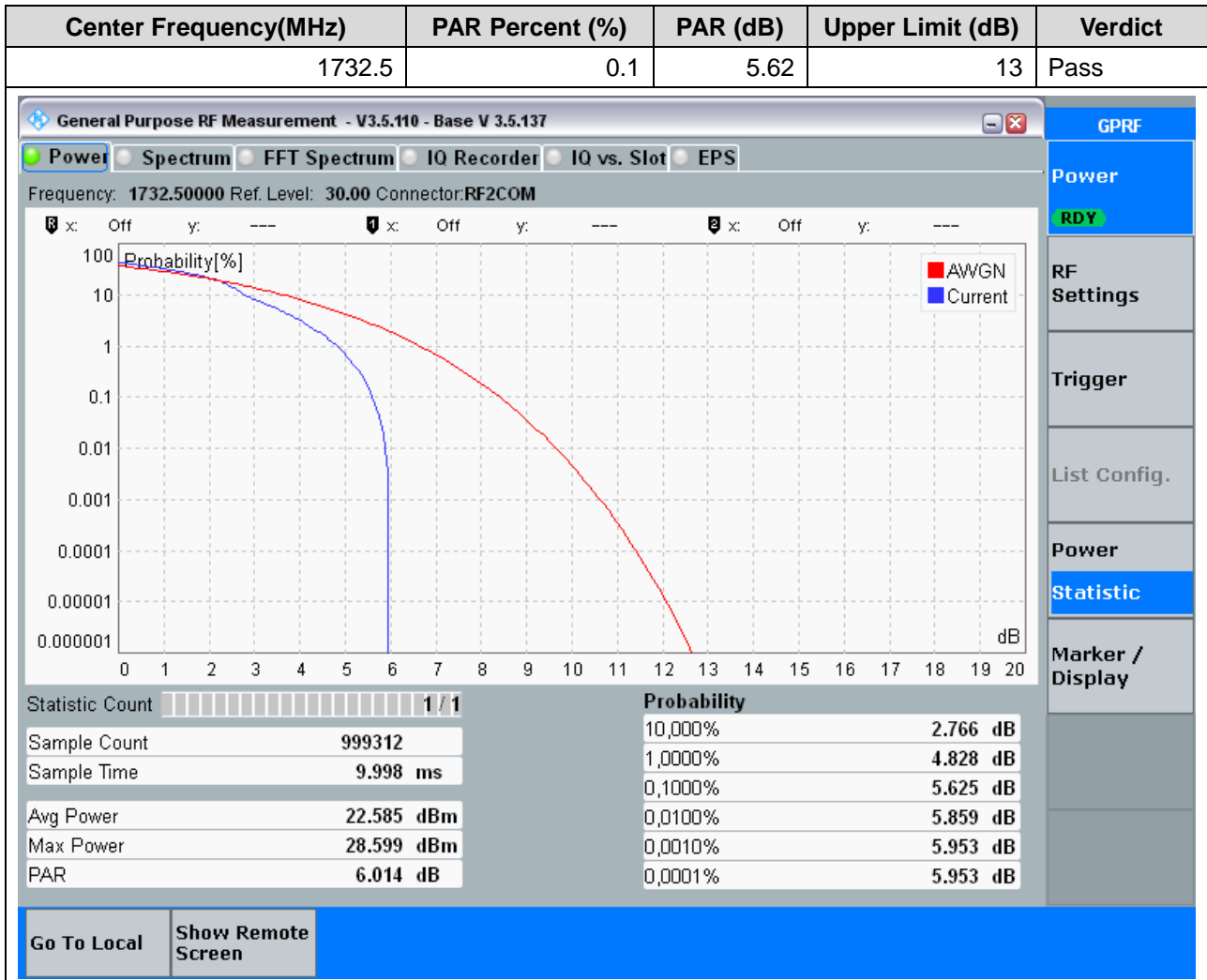
5.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



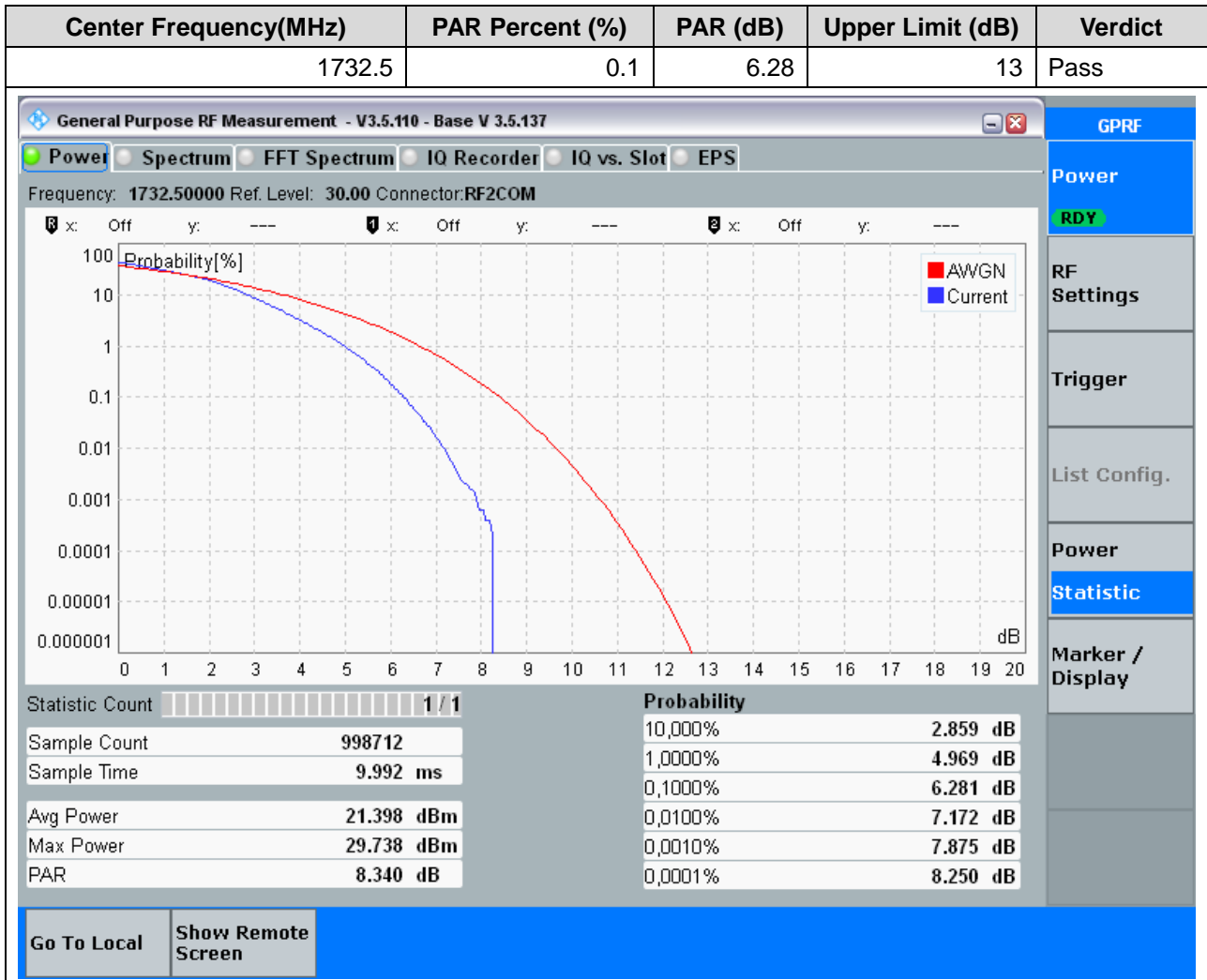
5.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



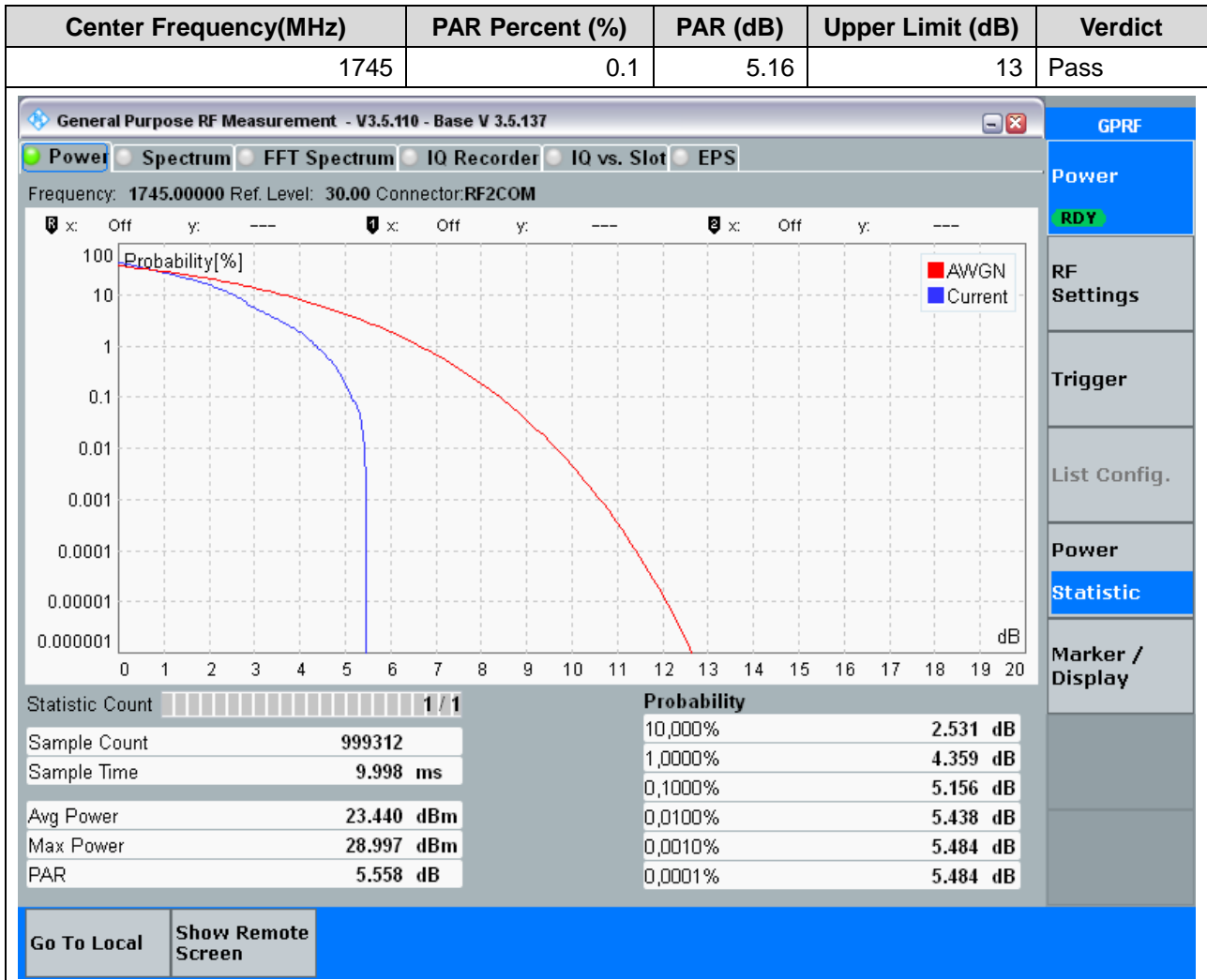
5.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



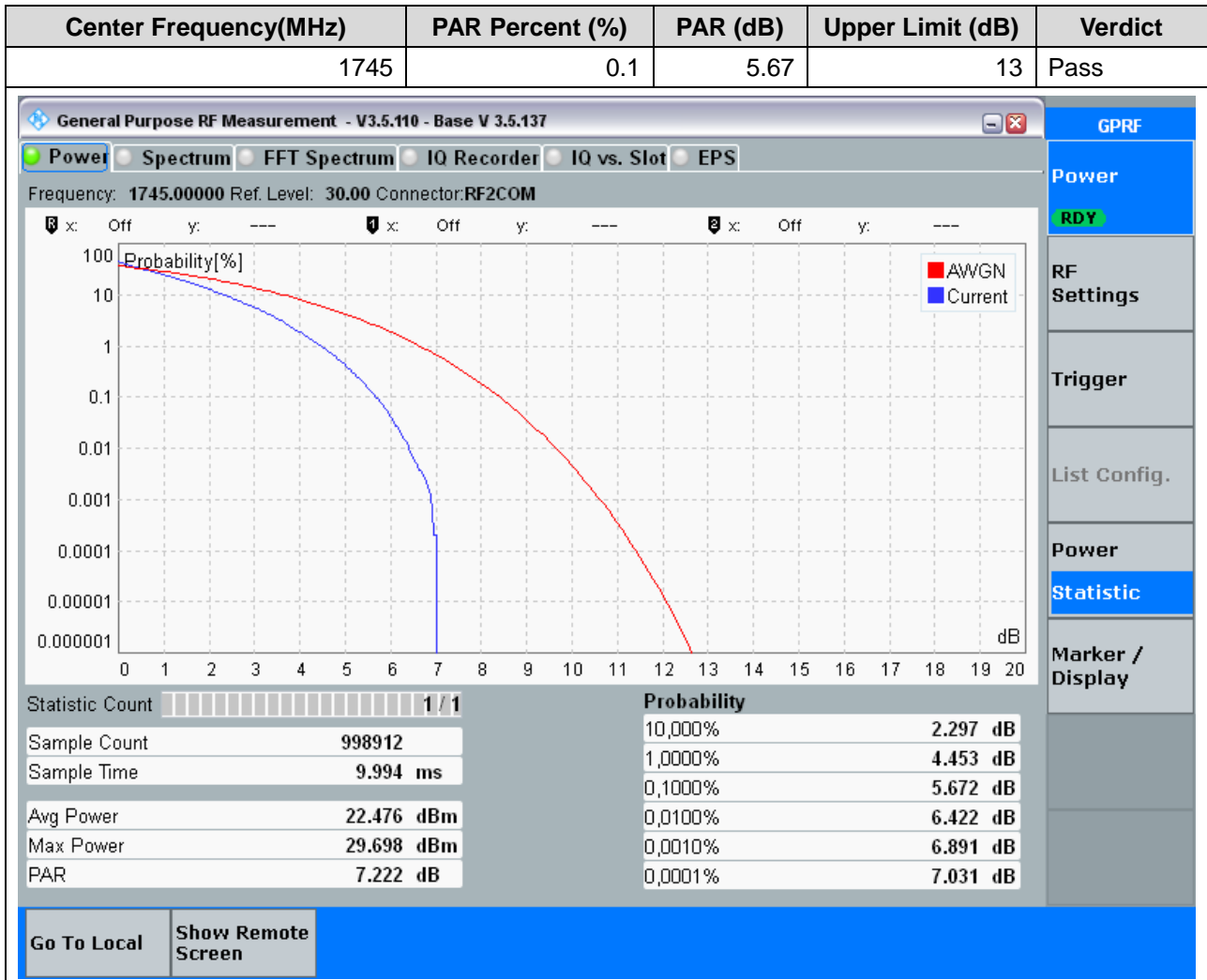
5.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



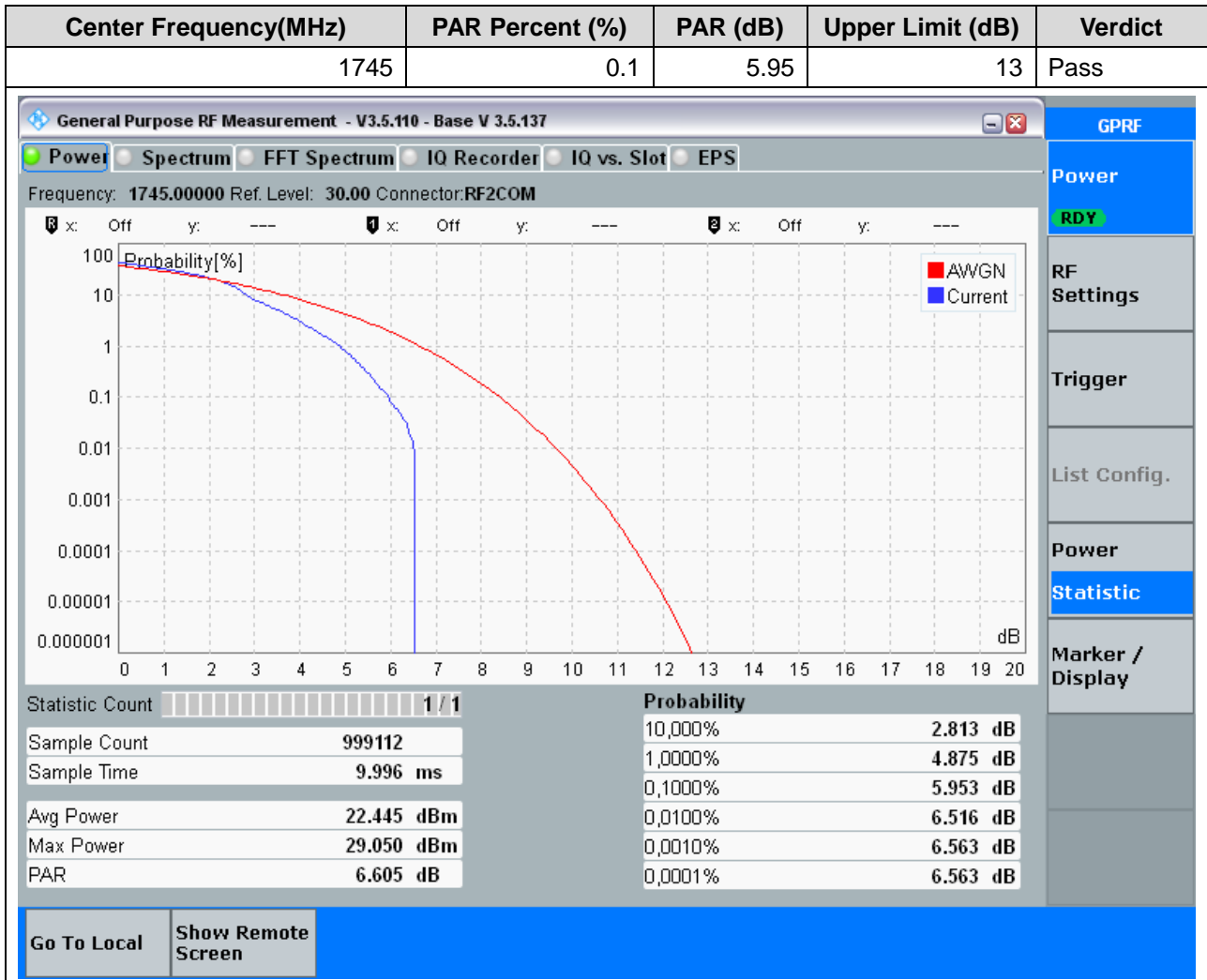
5.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



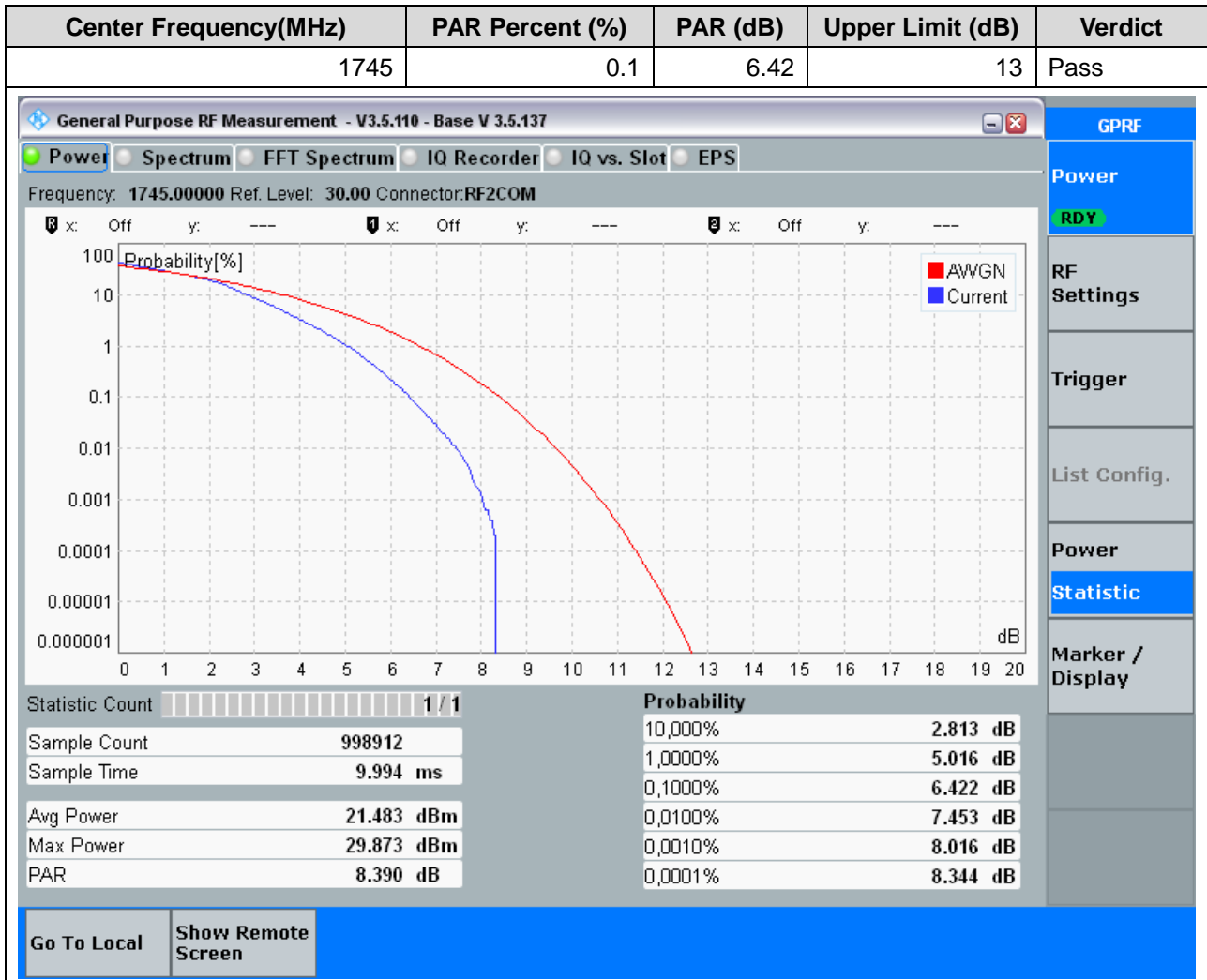
5.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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

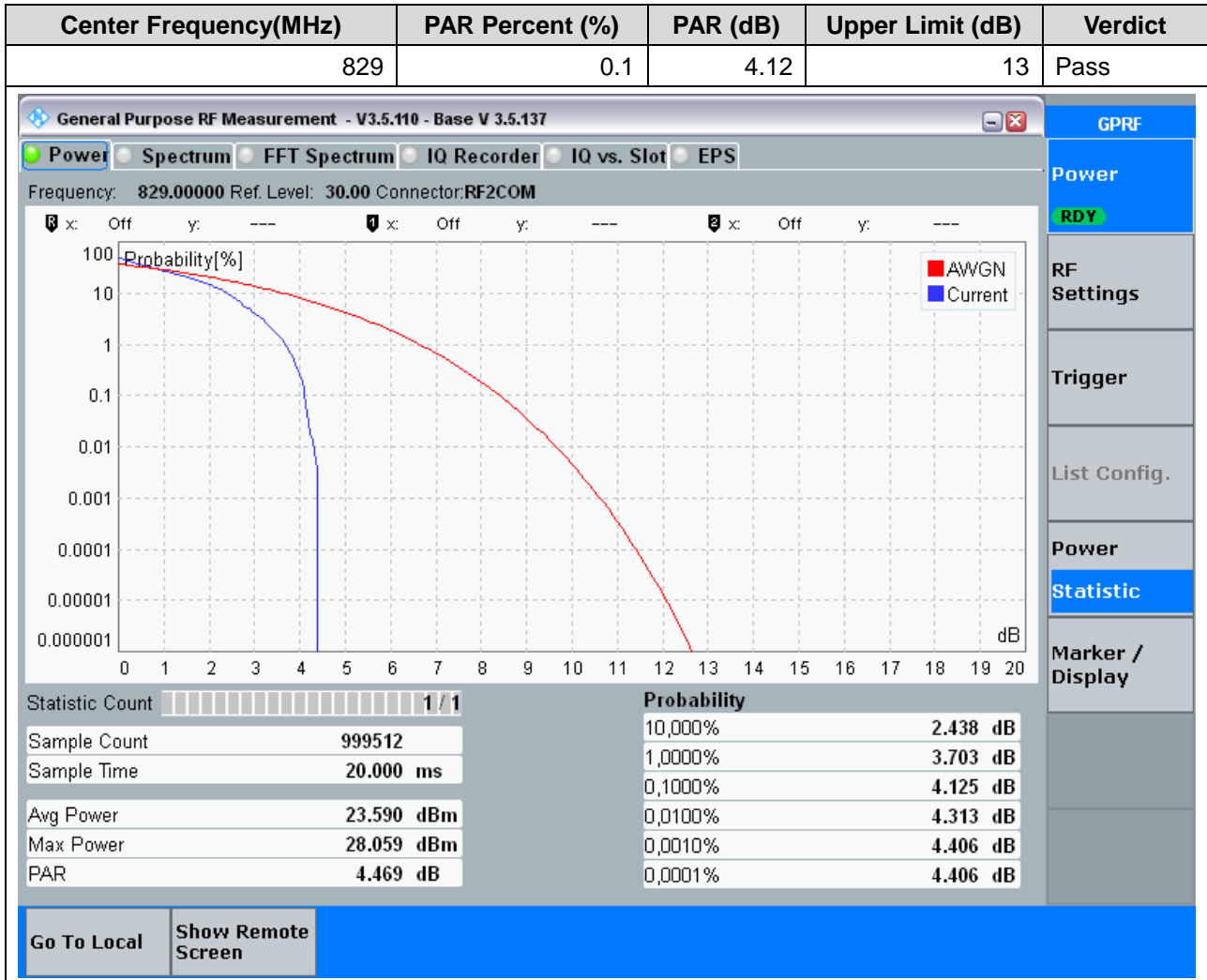


5.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

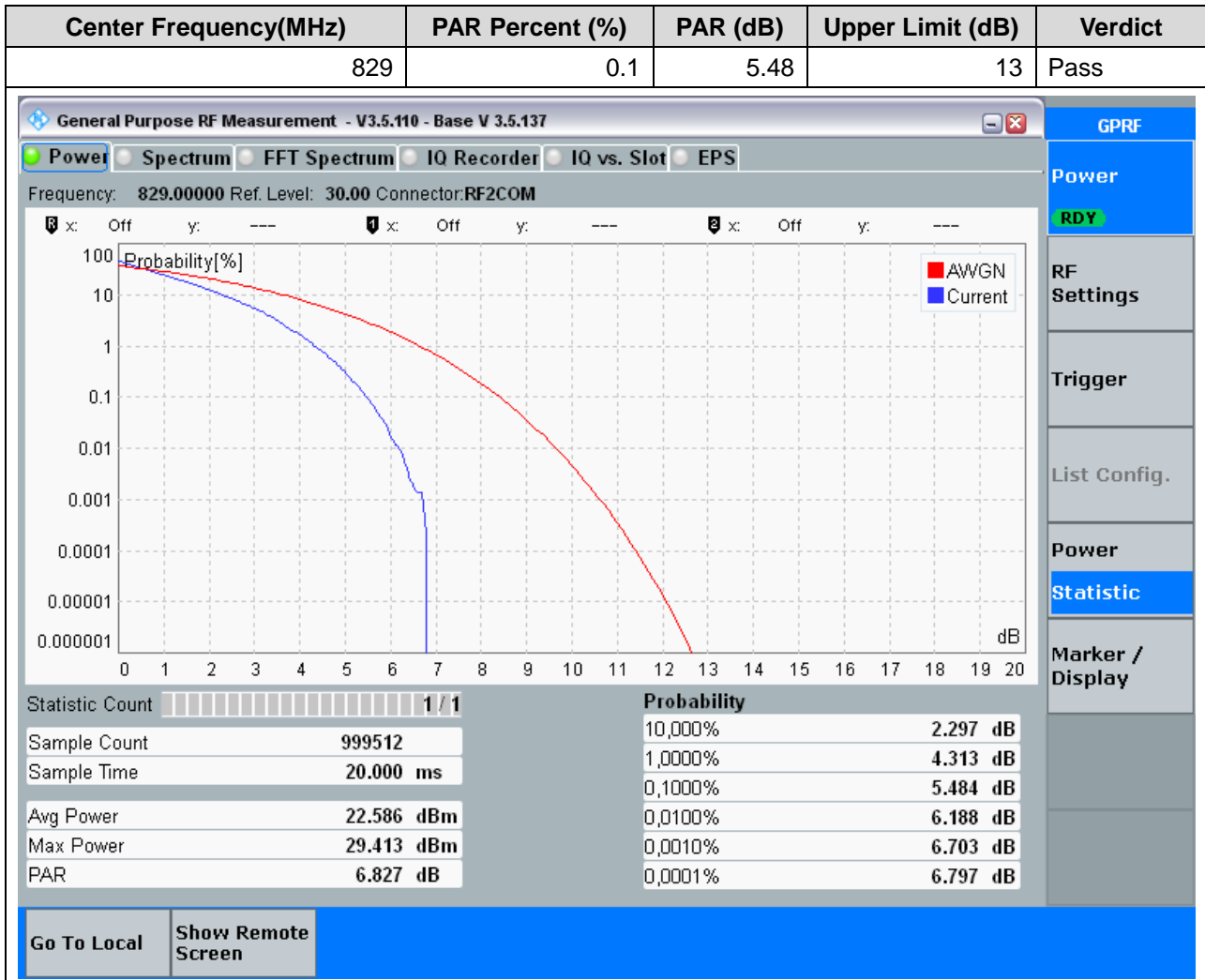


6. LTE_Band5

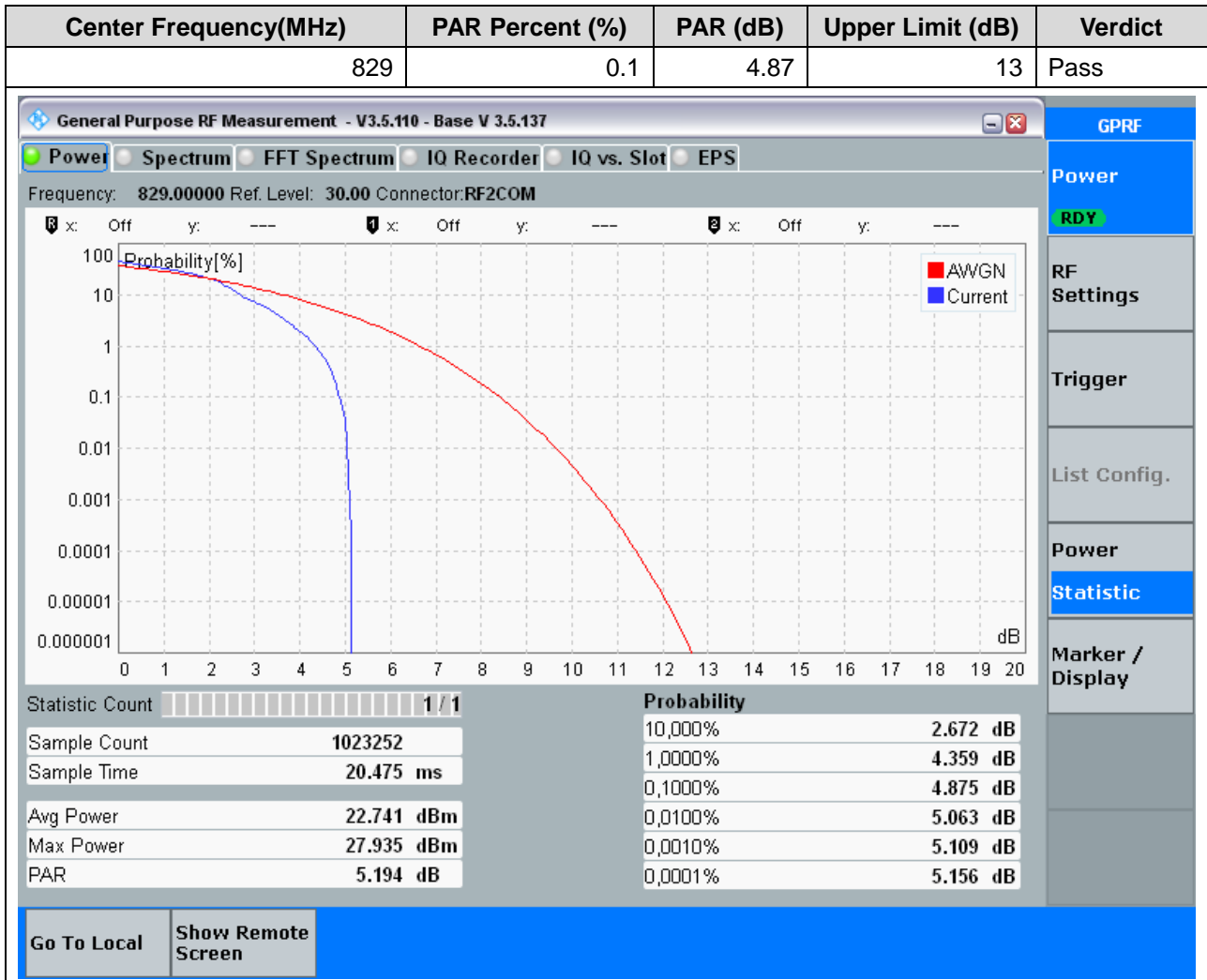
6.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



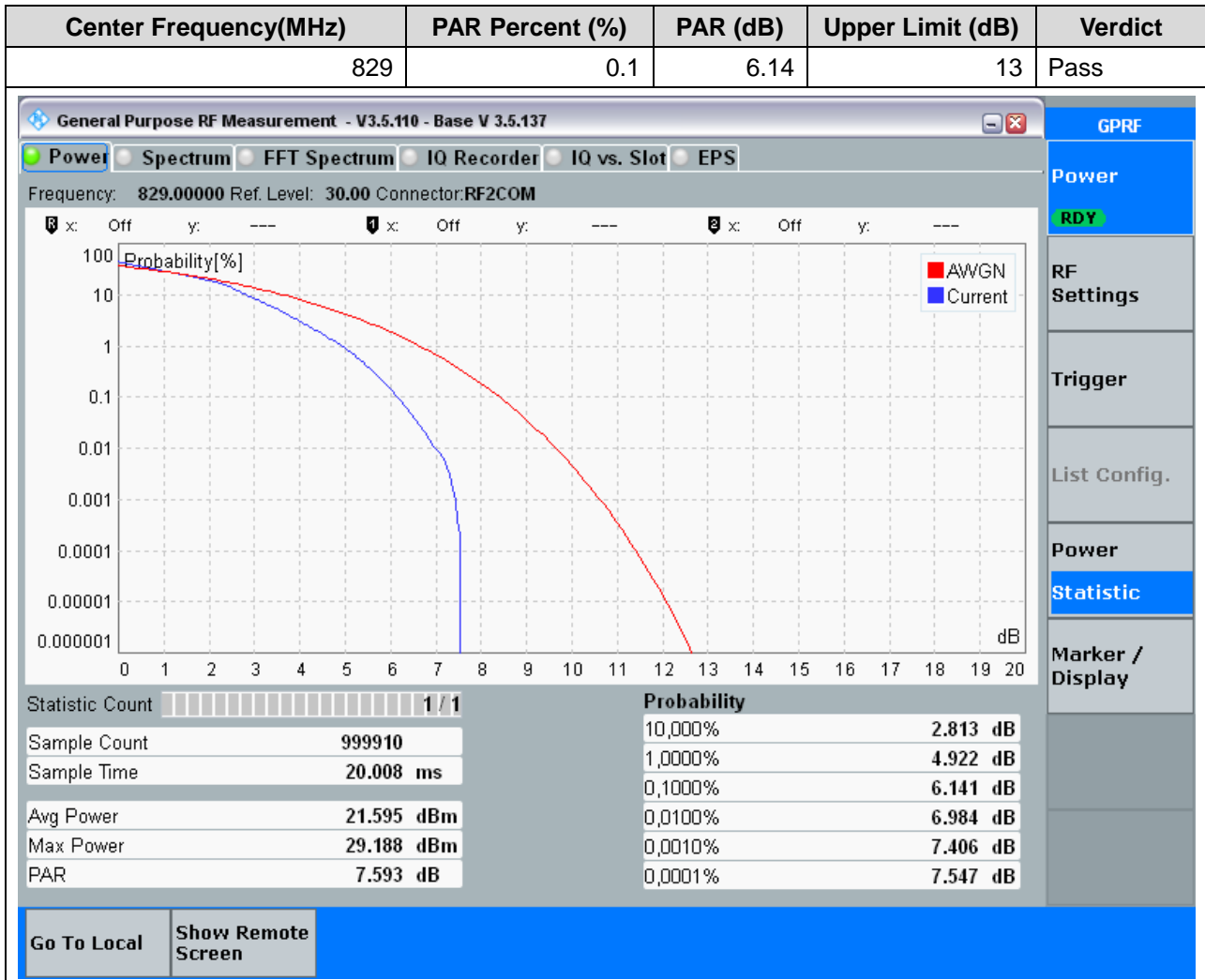
6.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



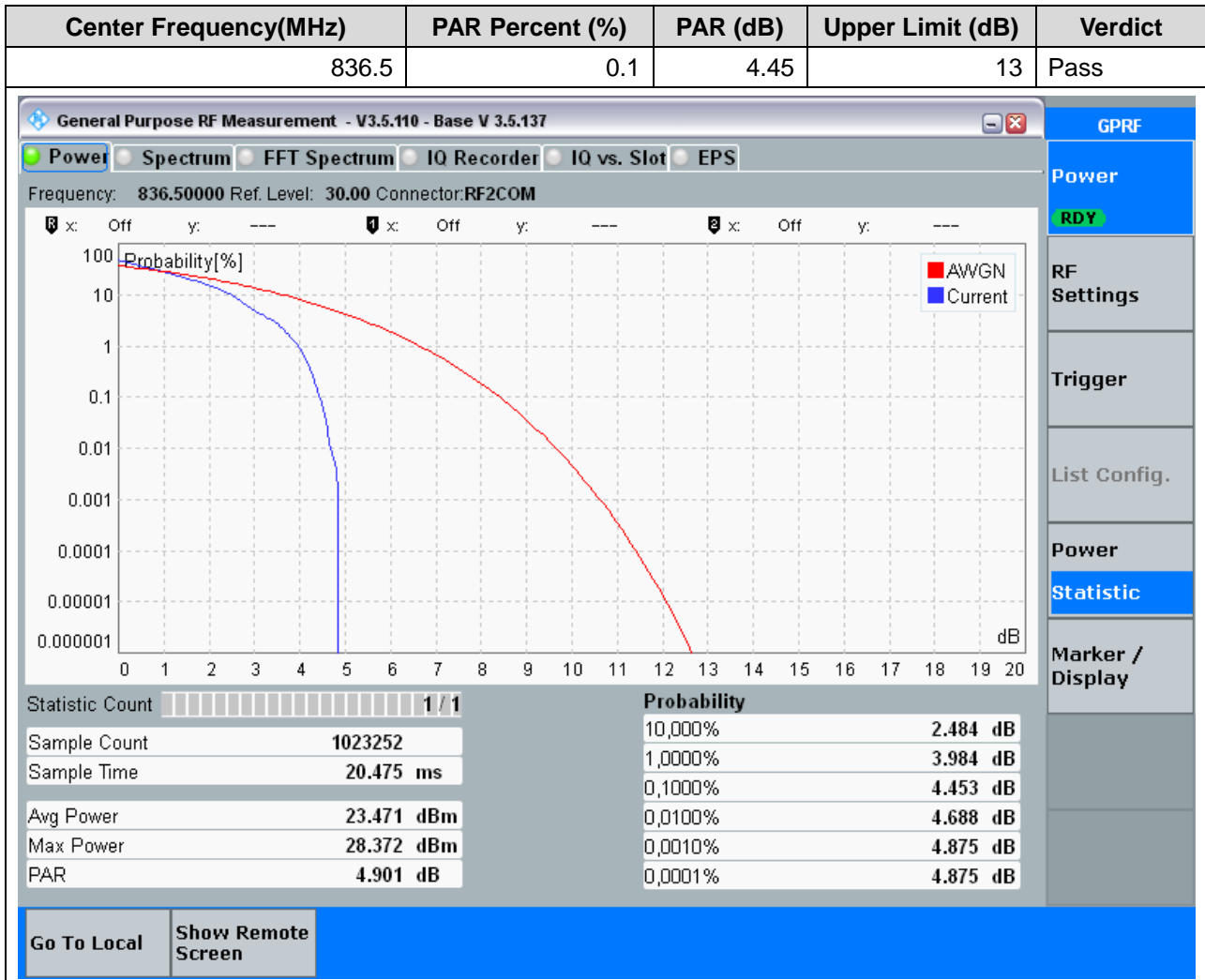
6.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



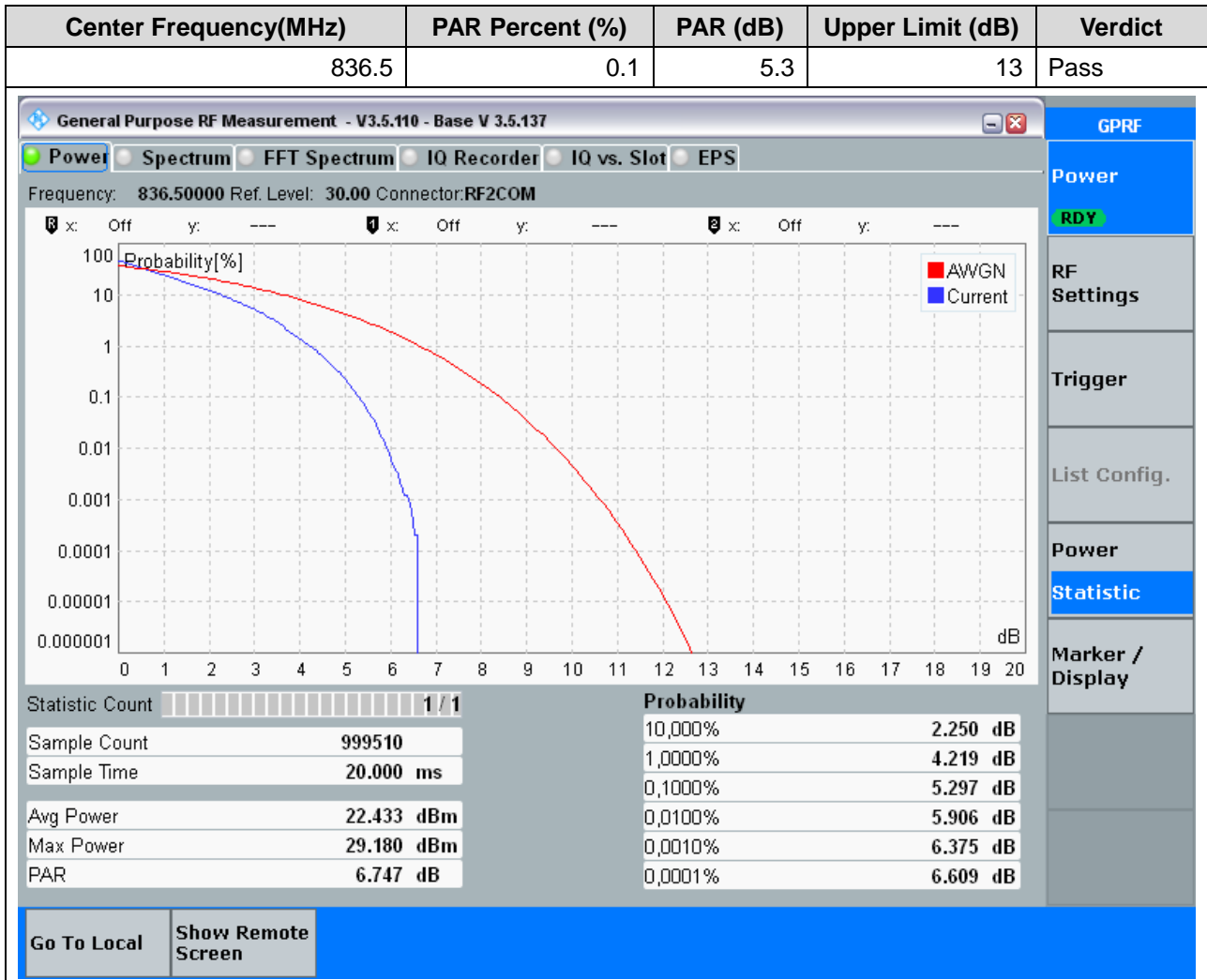
6.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



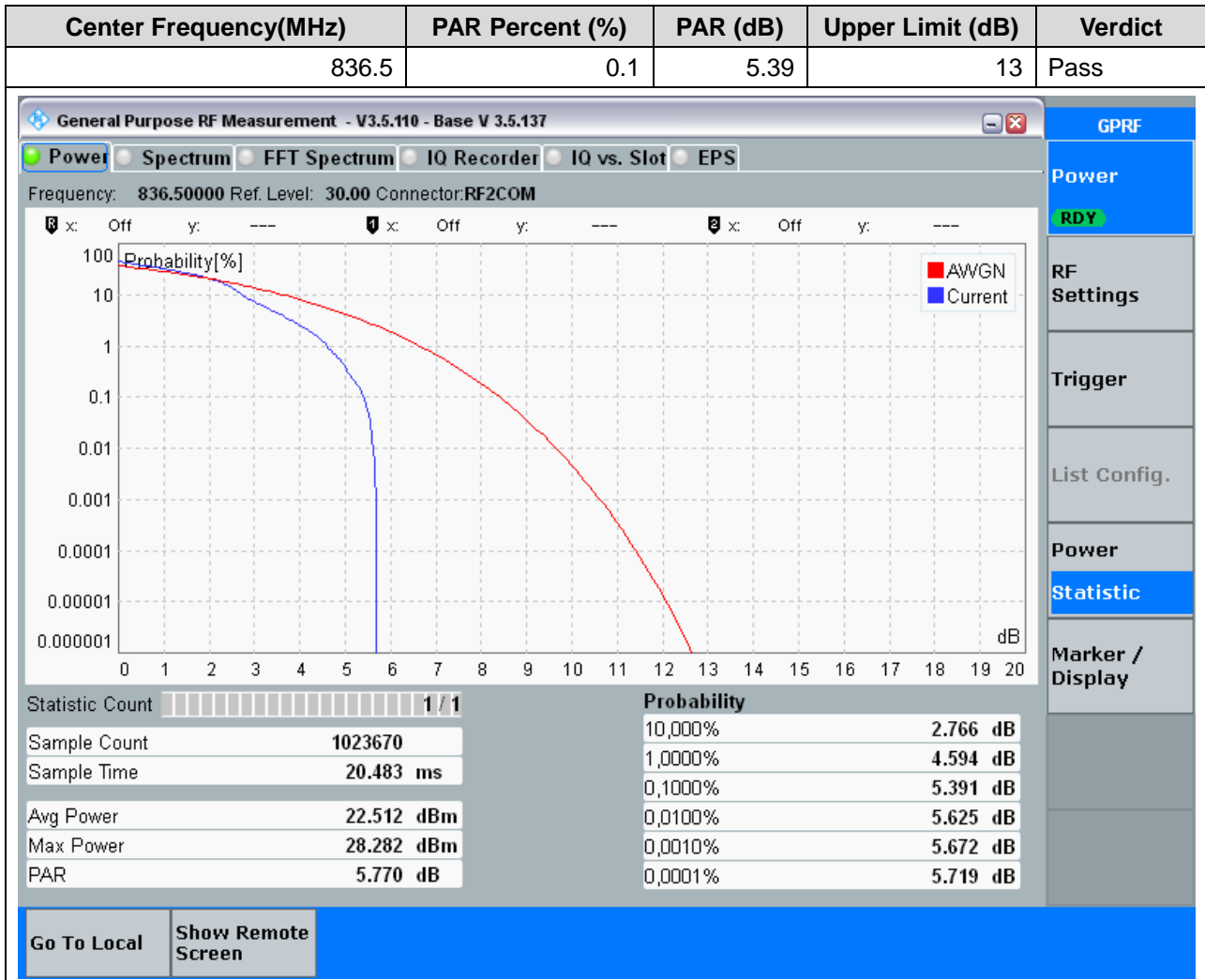
6.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



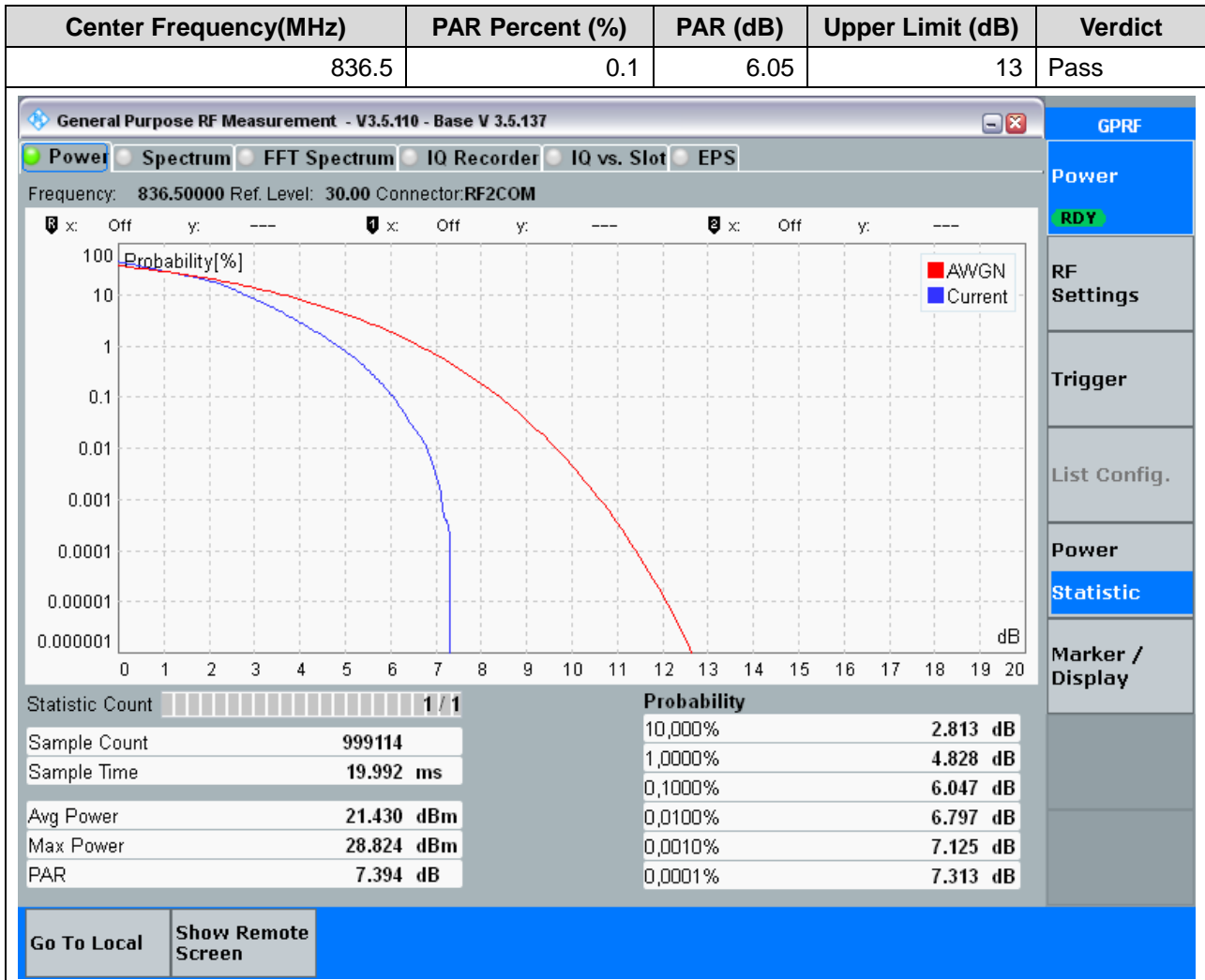
6.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



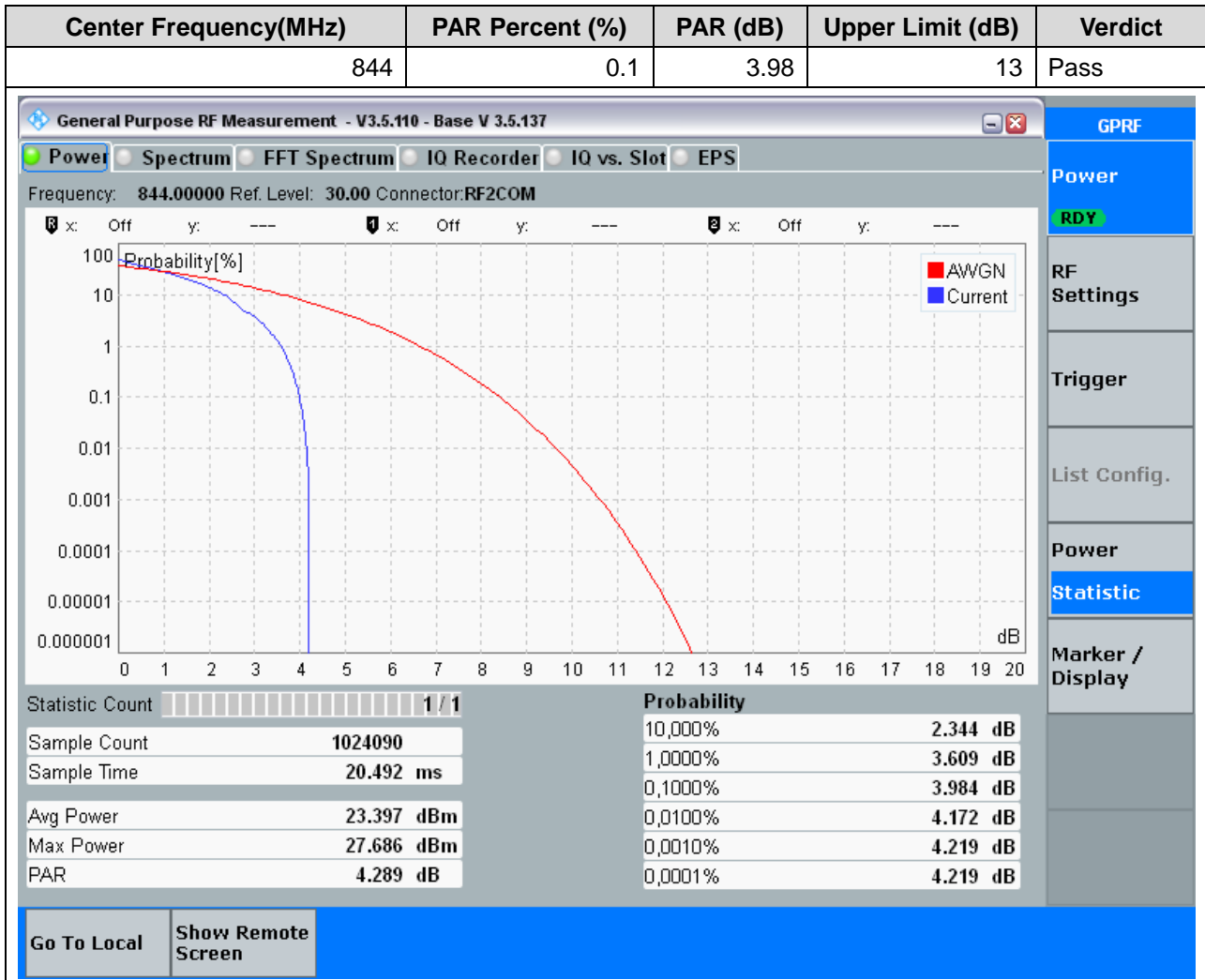
6.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



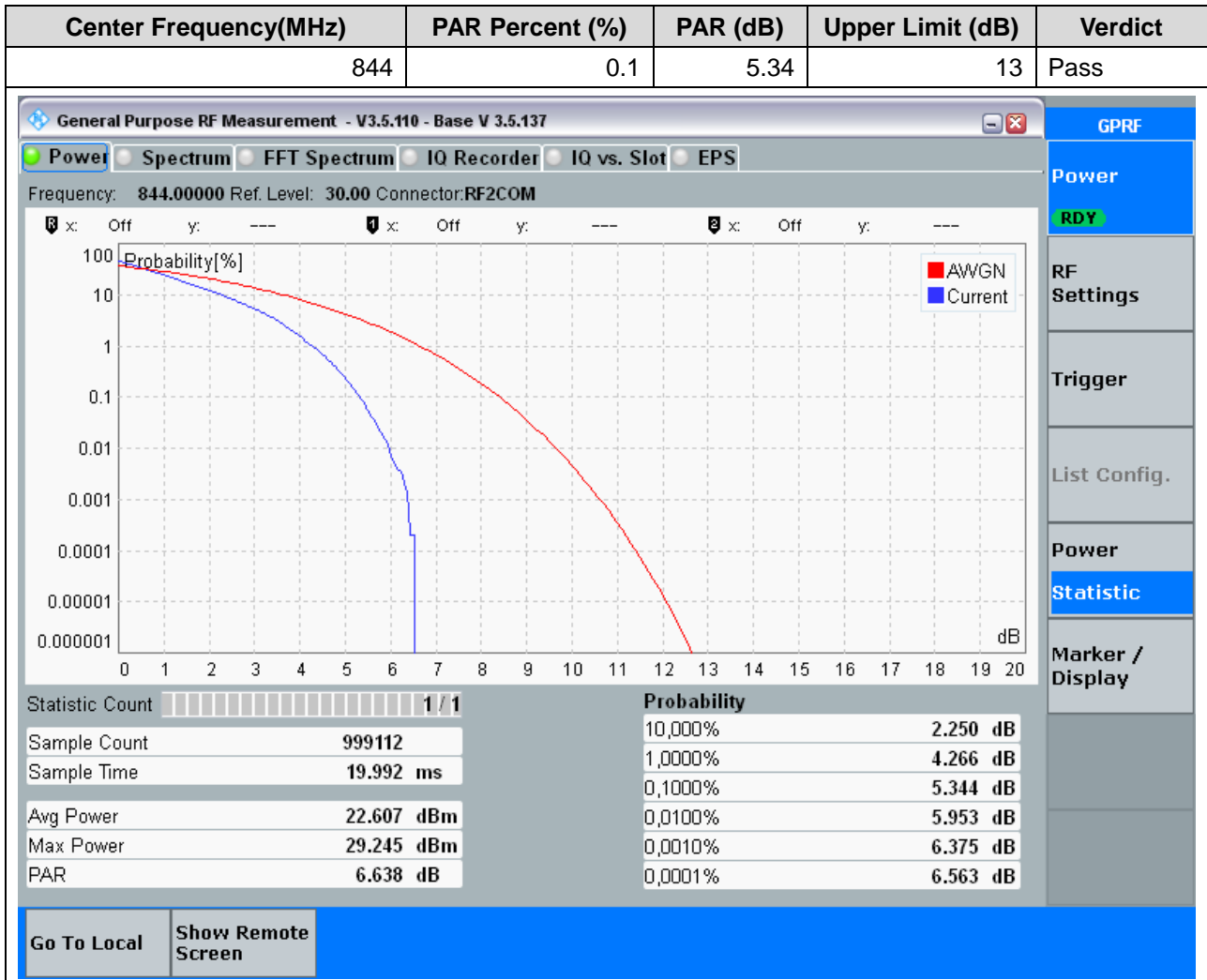
6.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



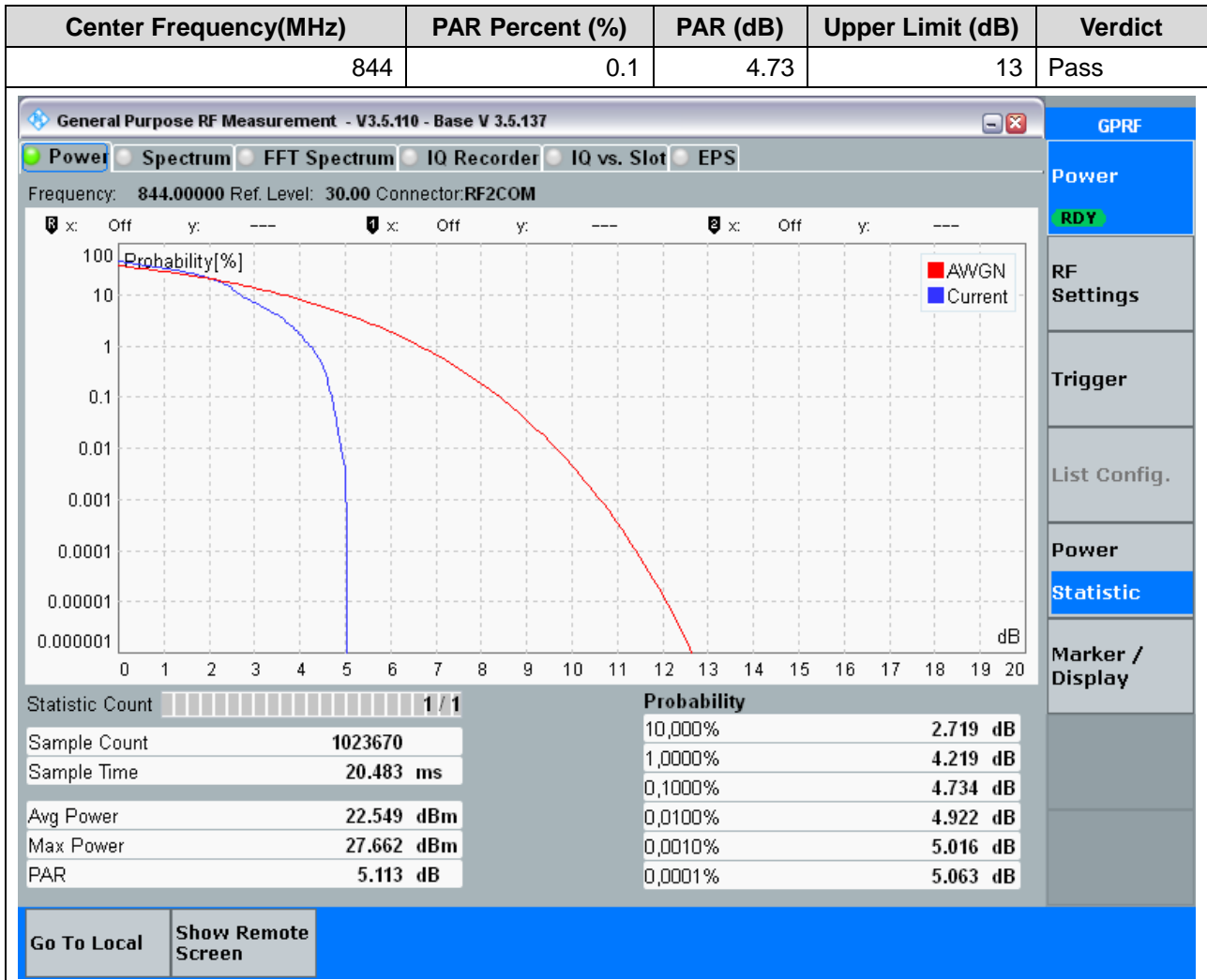
6.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



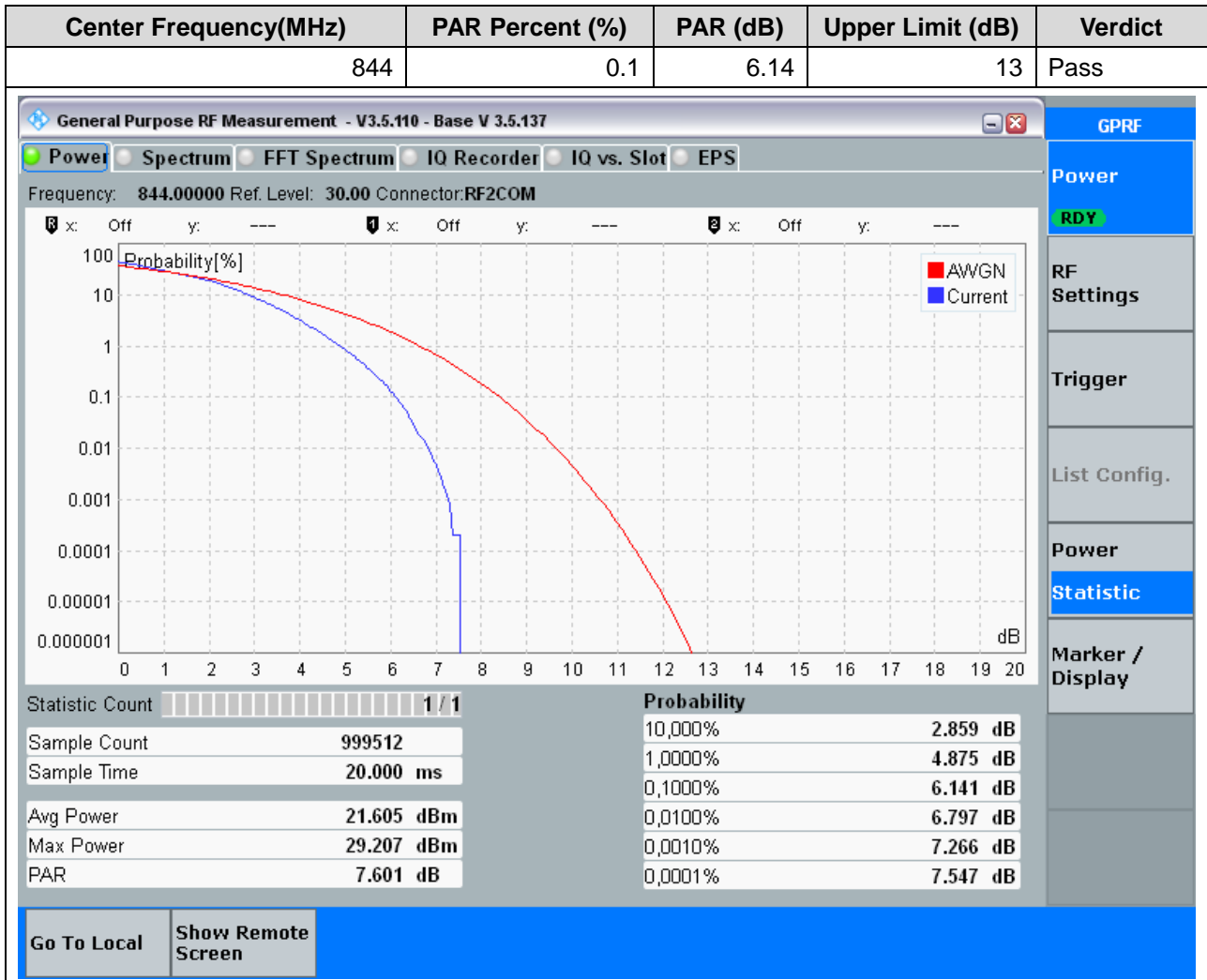
6.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



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

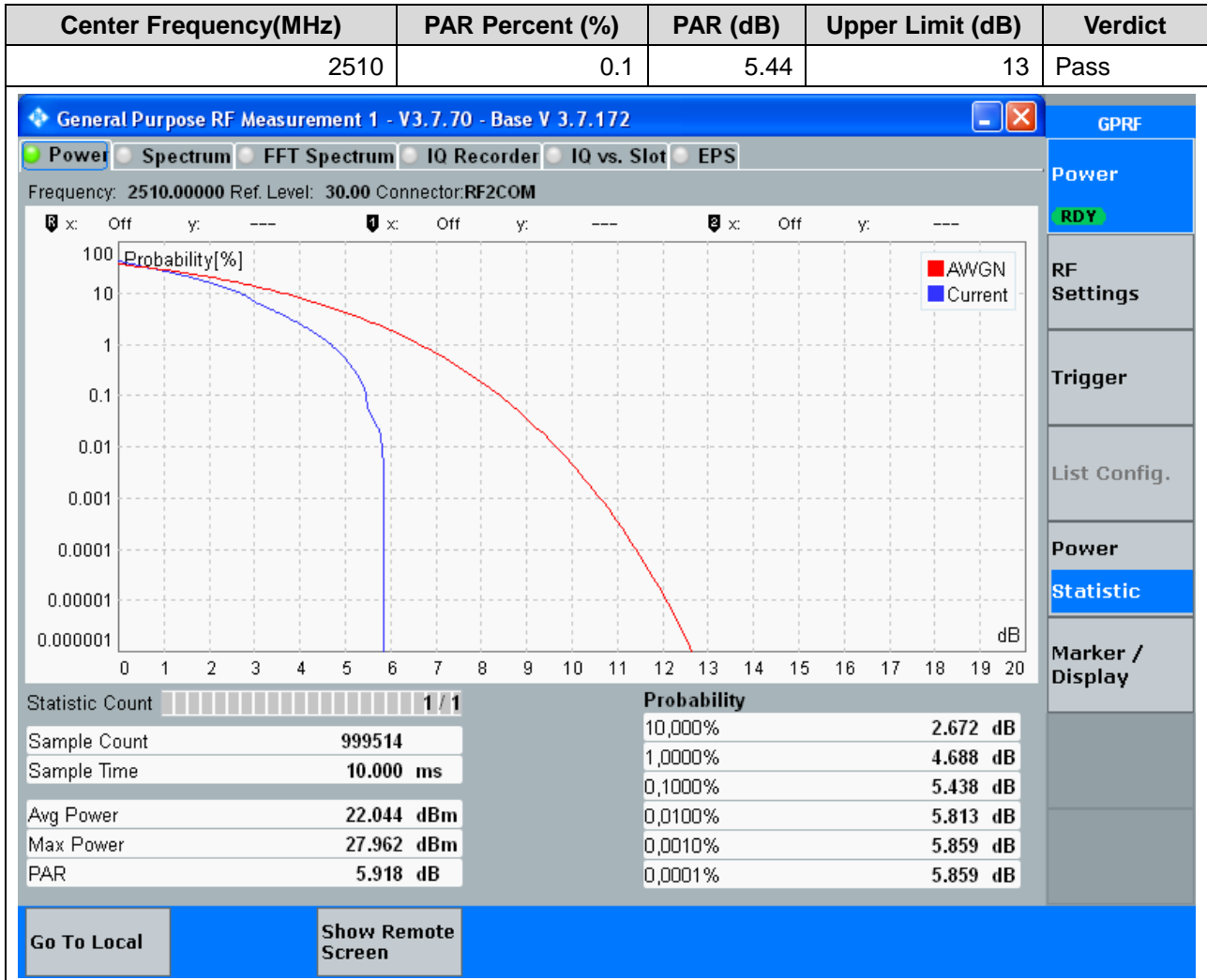


6.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

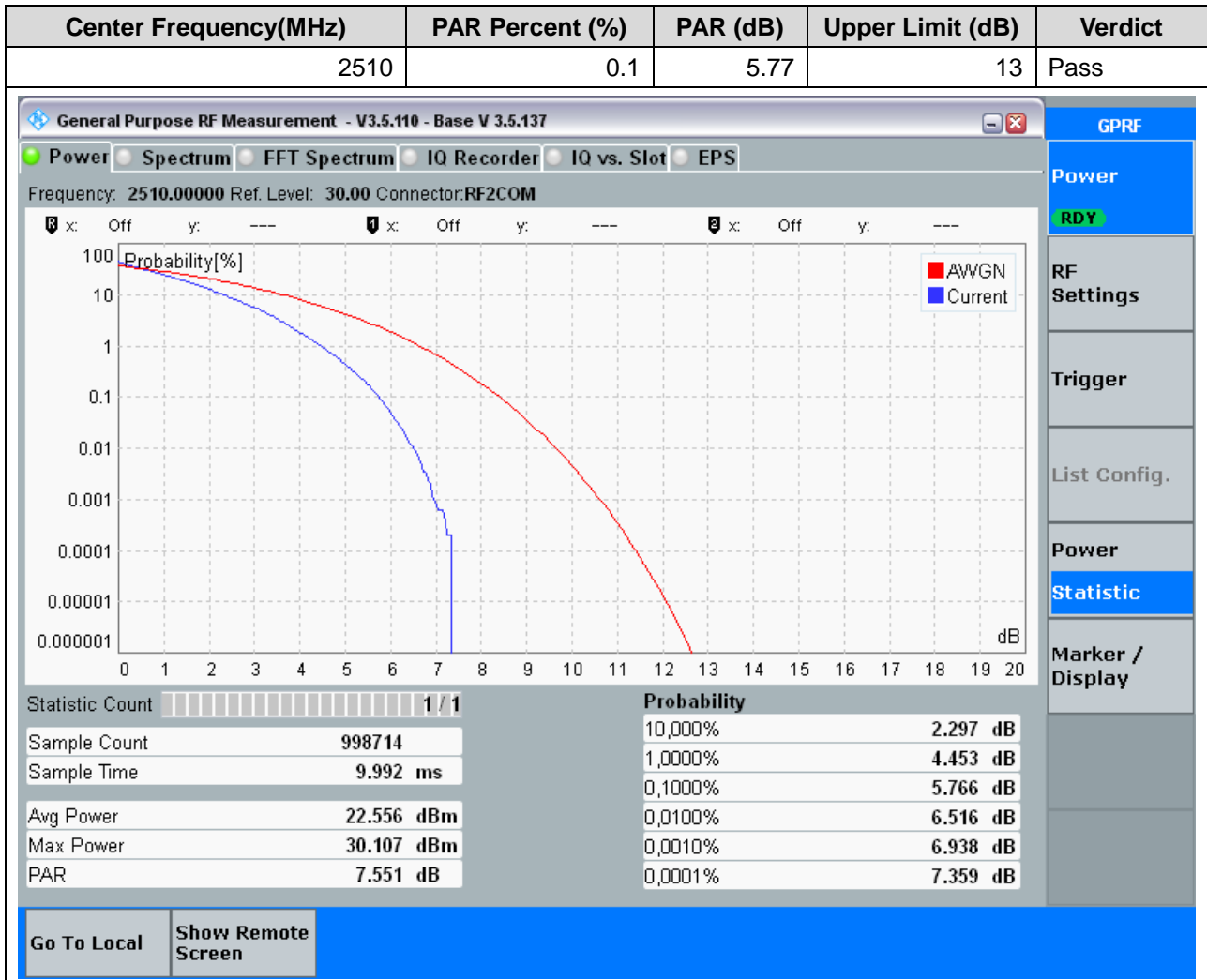


7. LTE_Band7

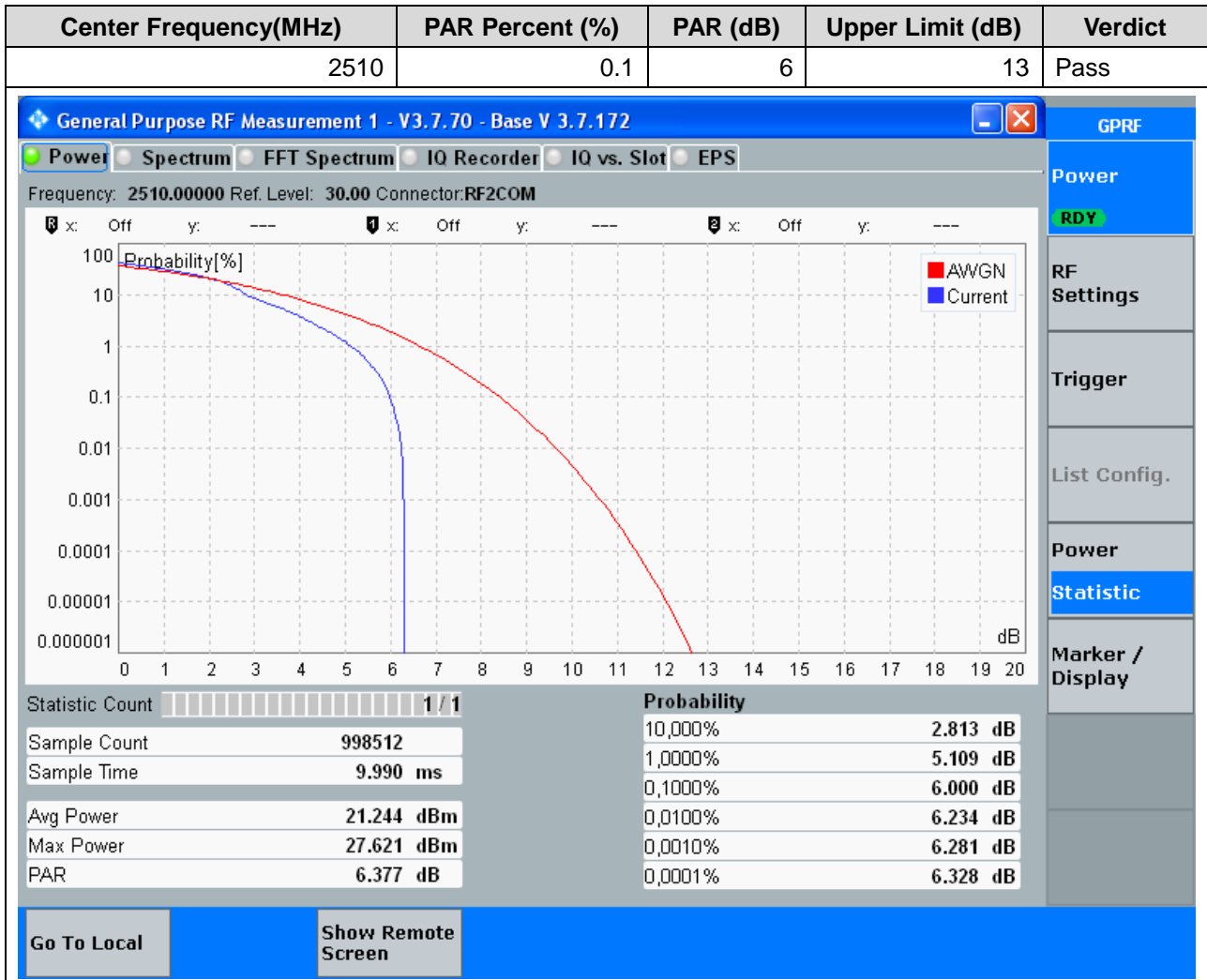
7.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



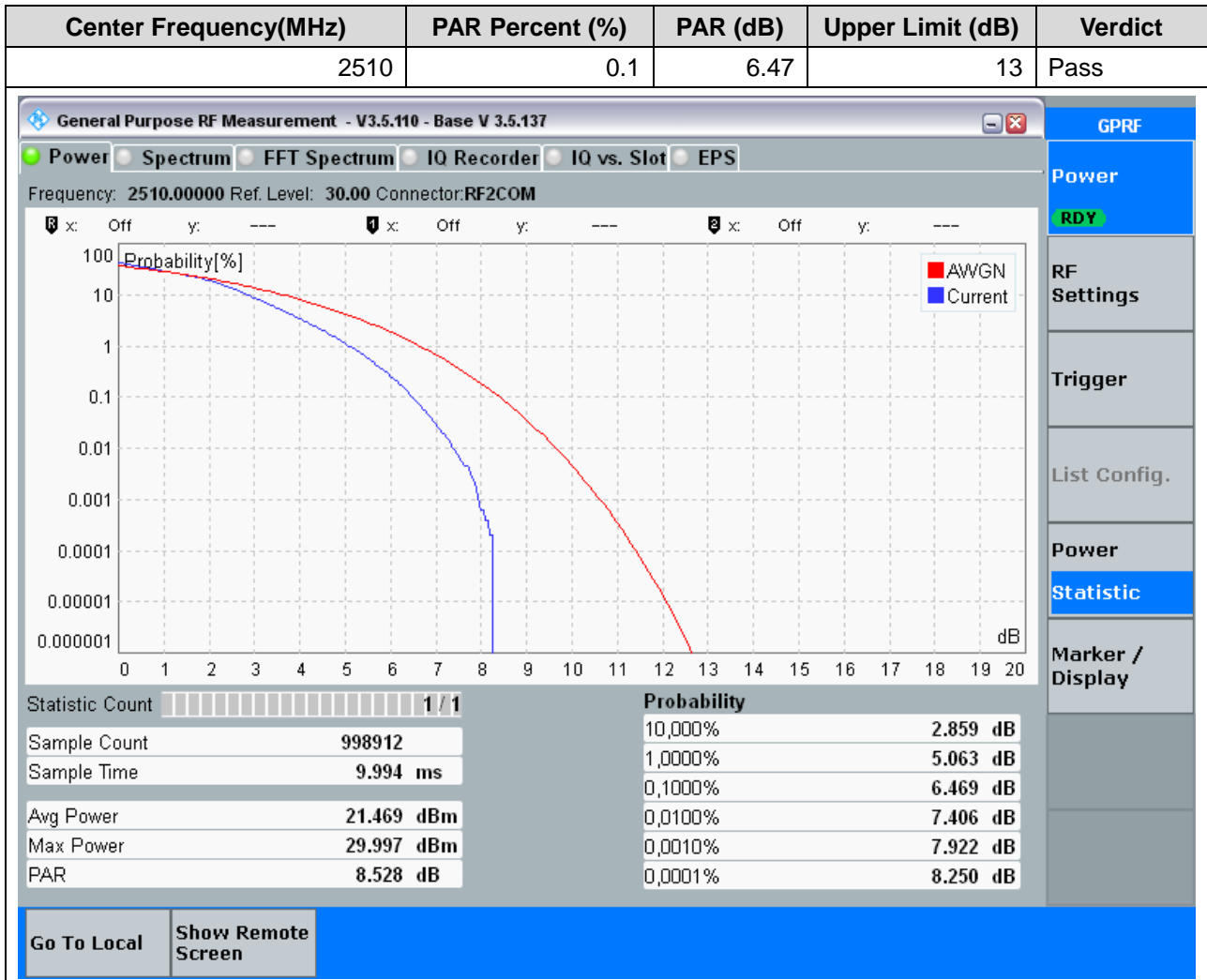
7.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



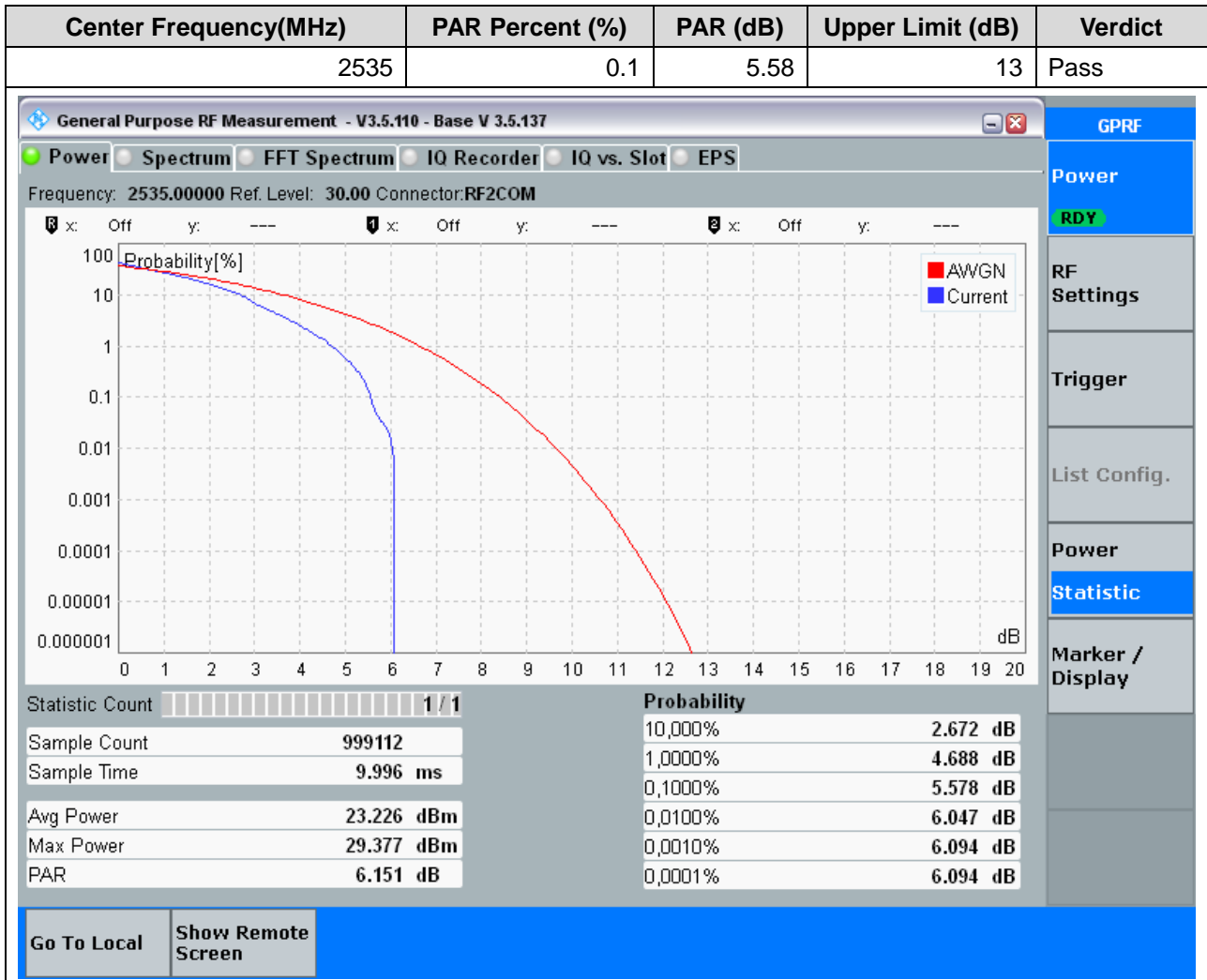
7.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



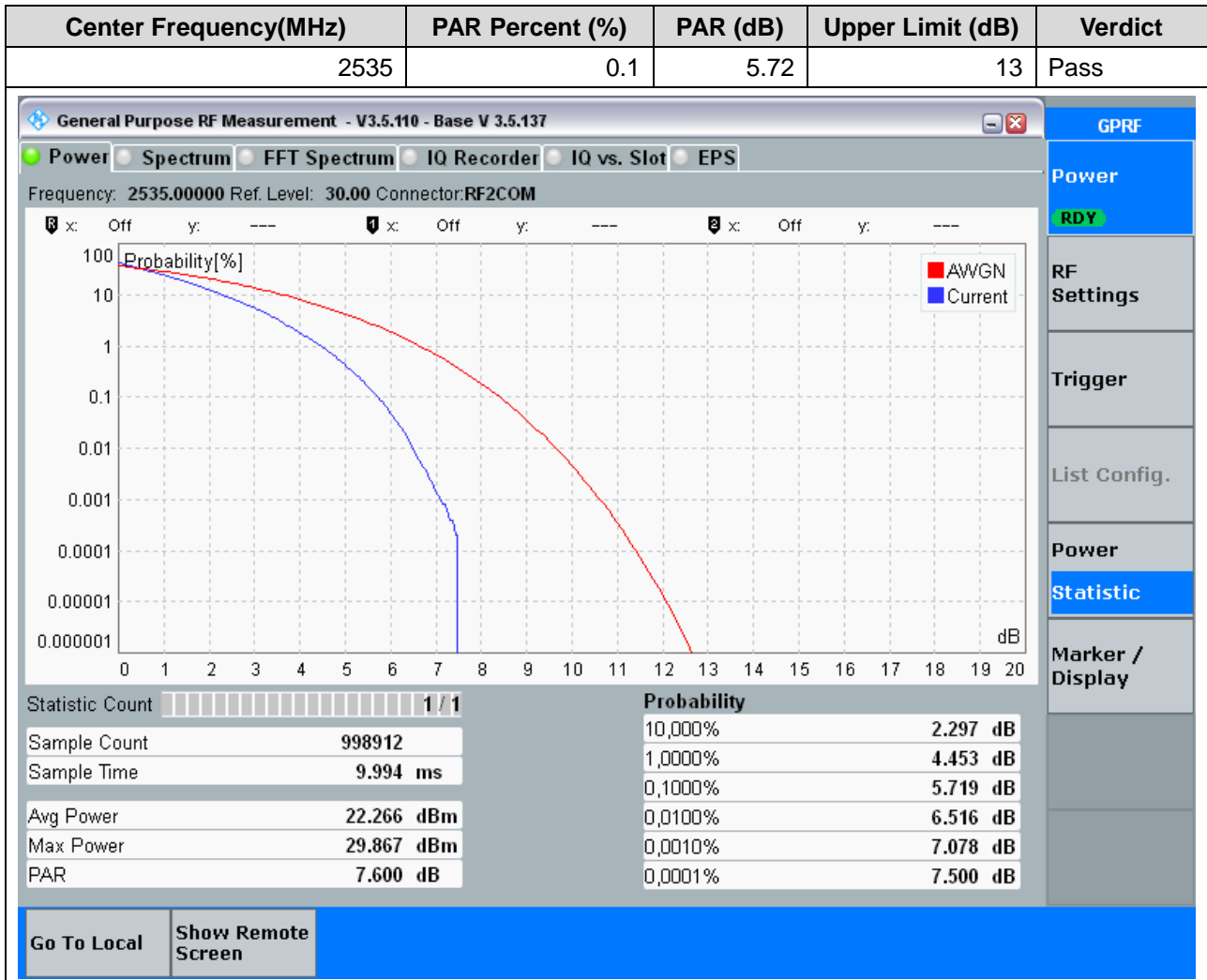
7.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



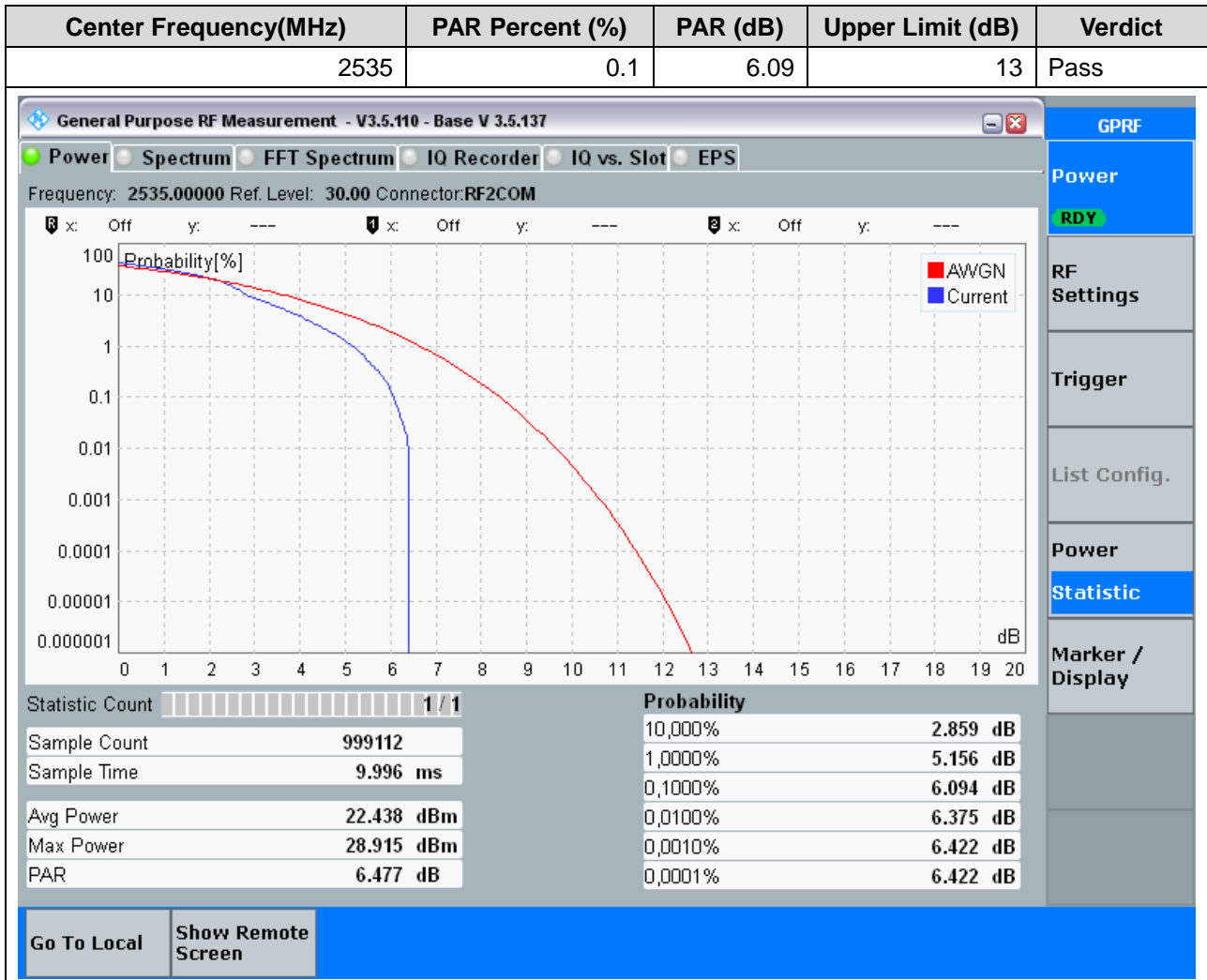
7.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



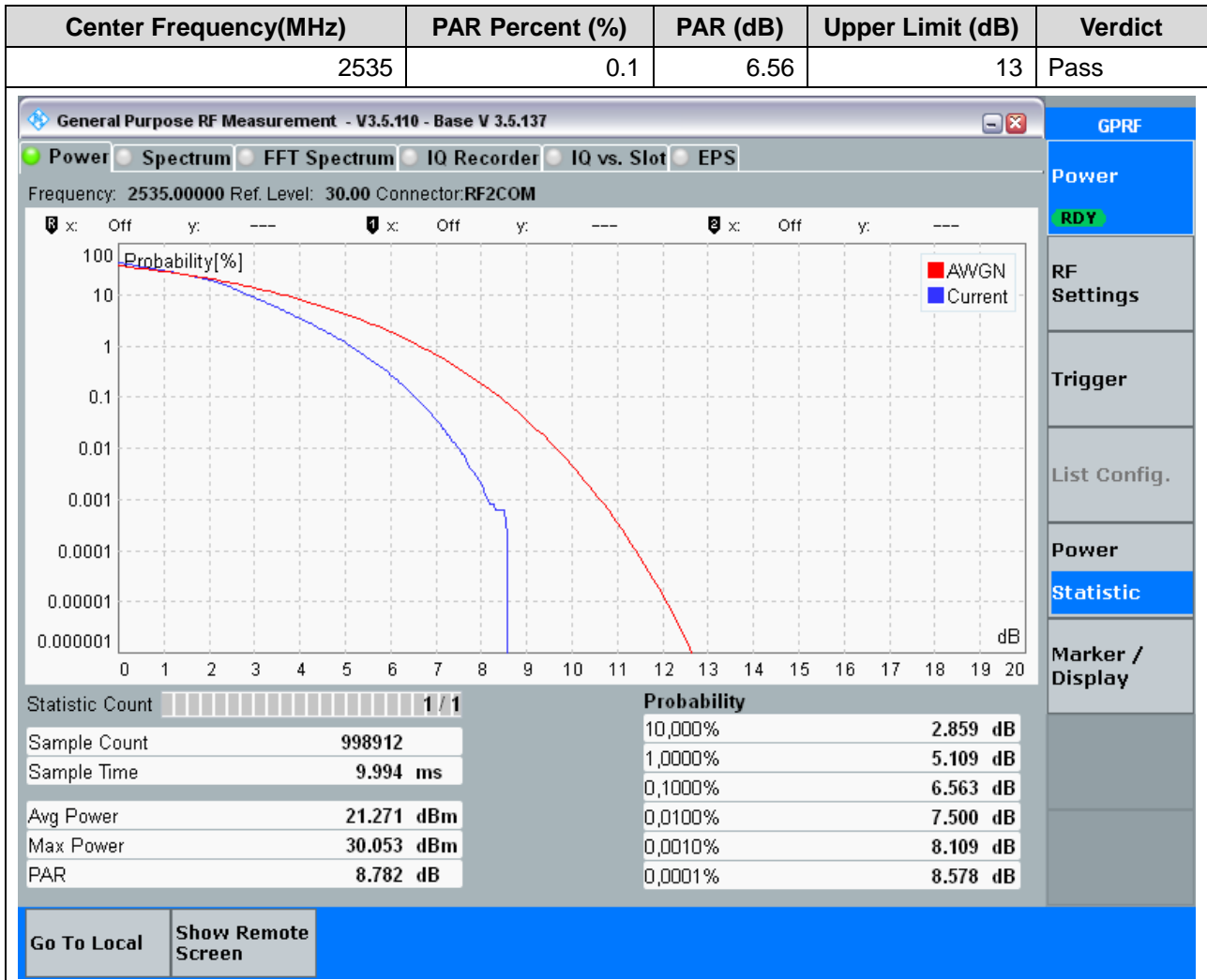
7.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



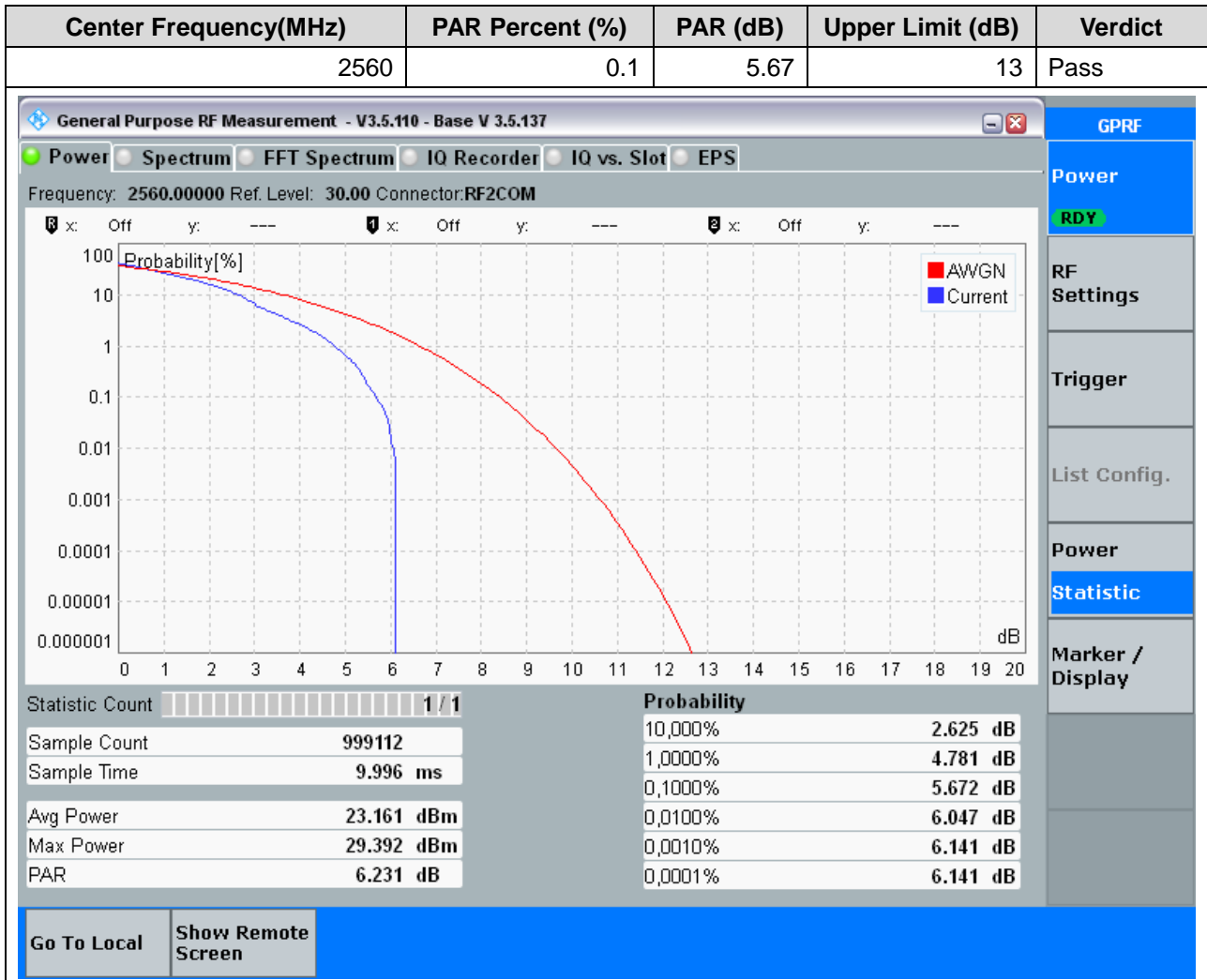
7.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



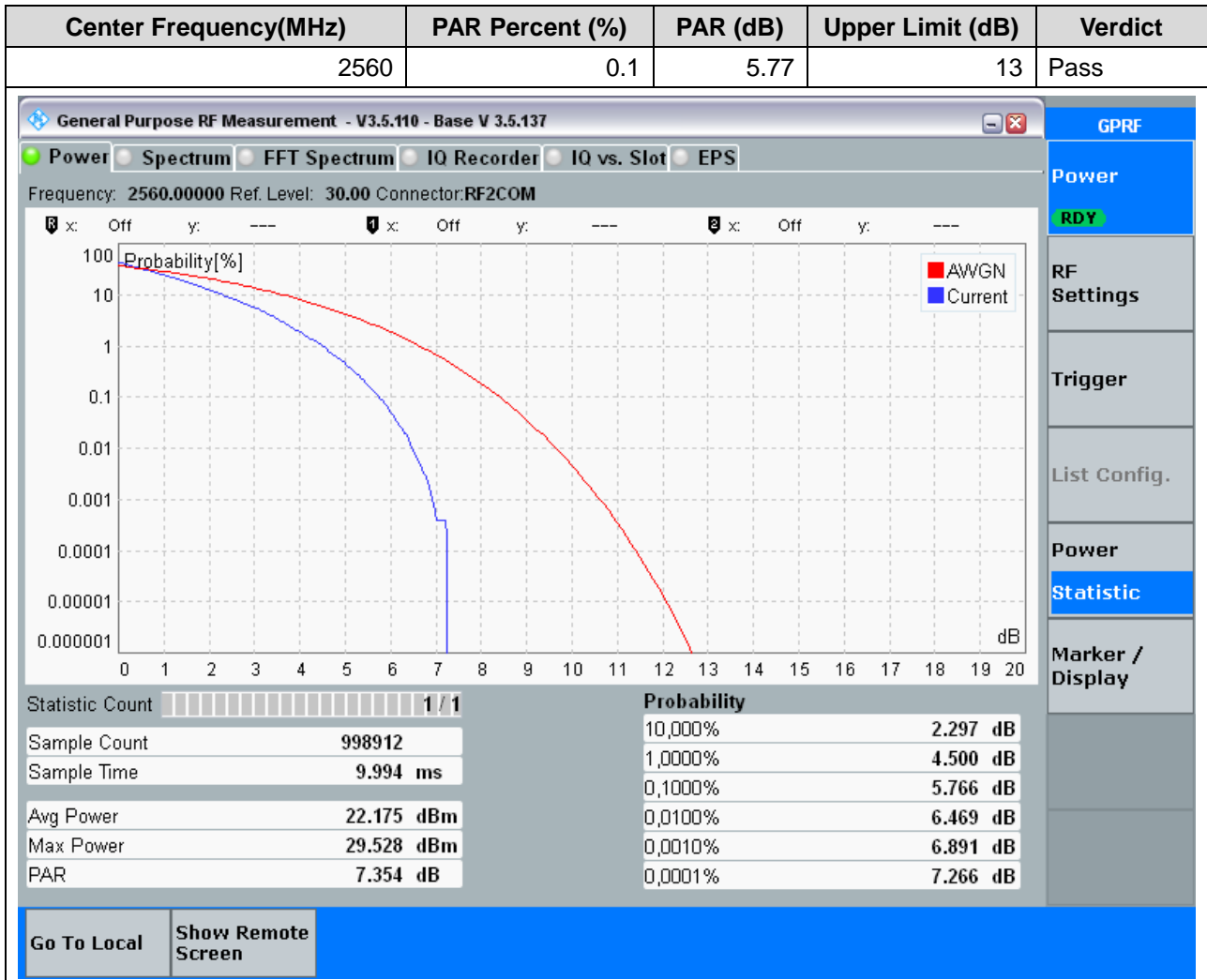
7.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



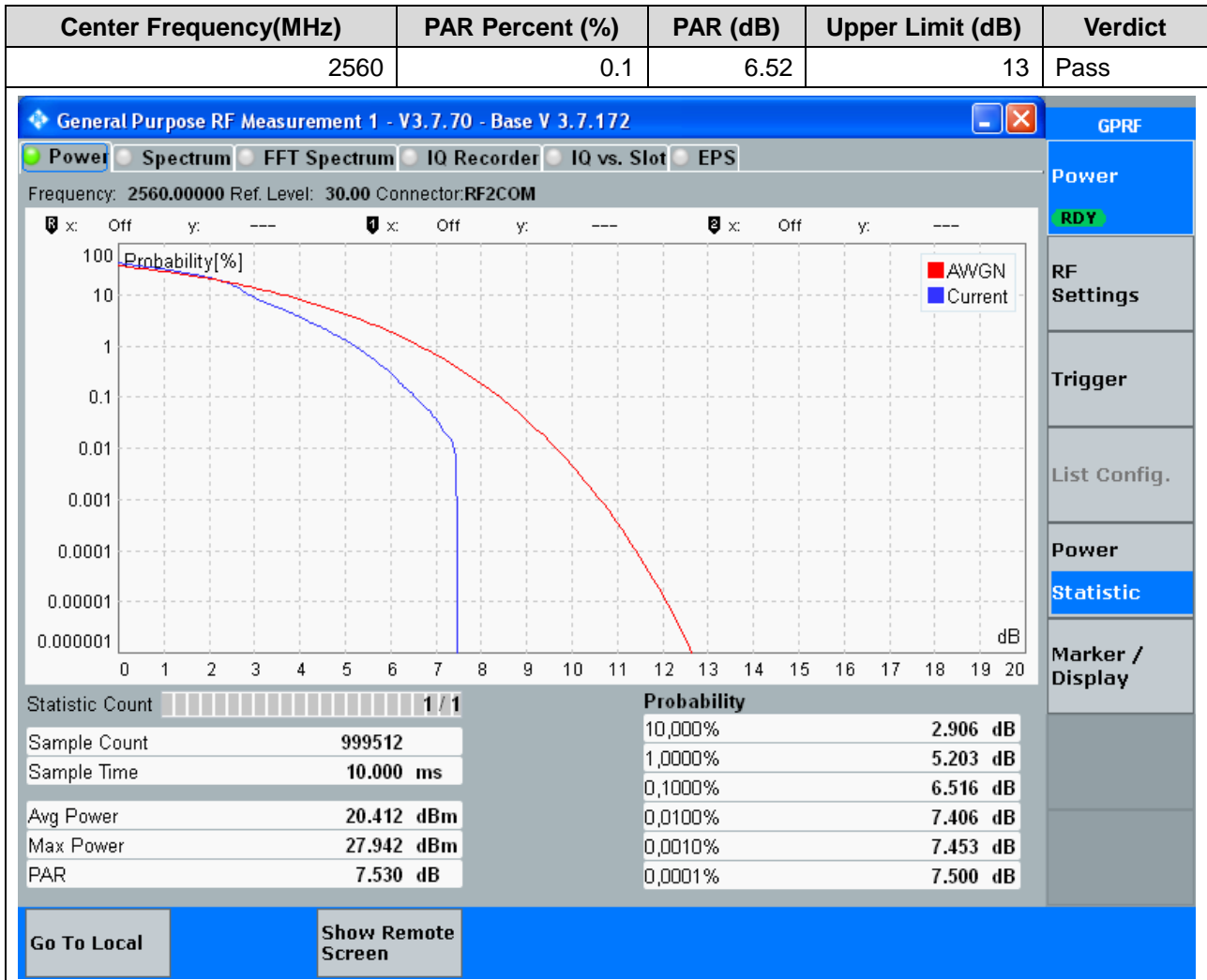
7.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



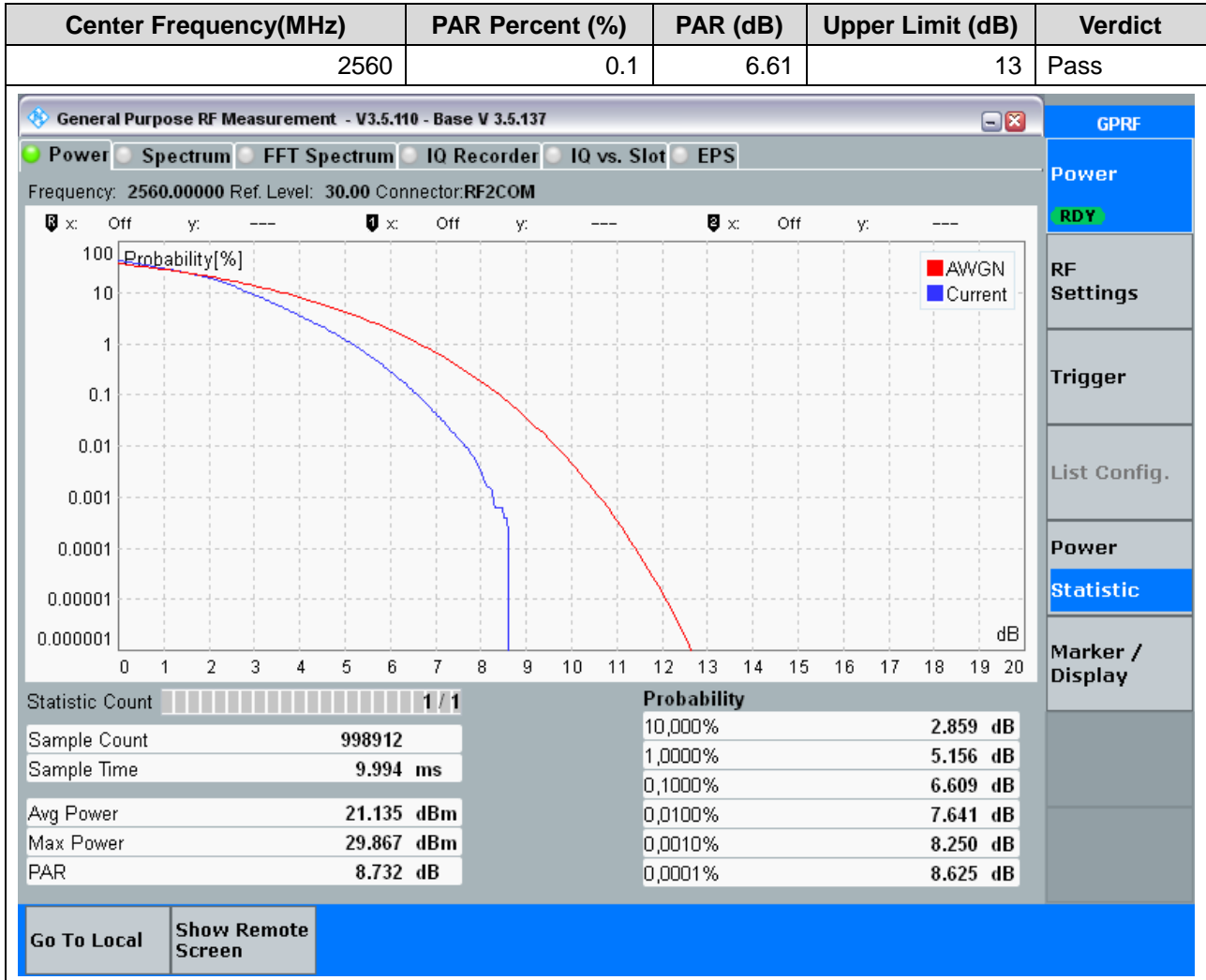
7.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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

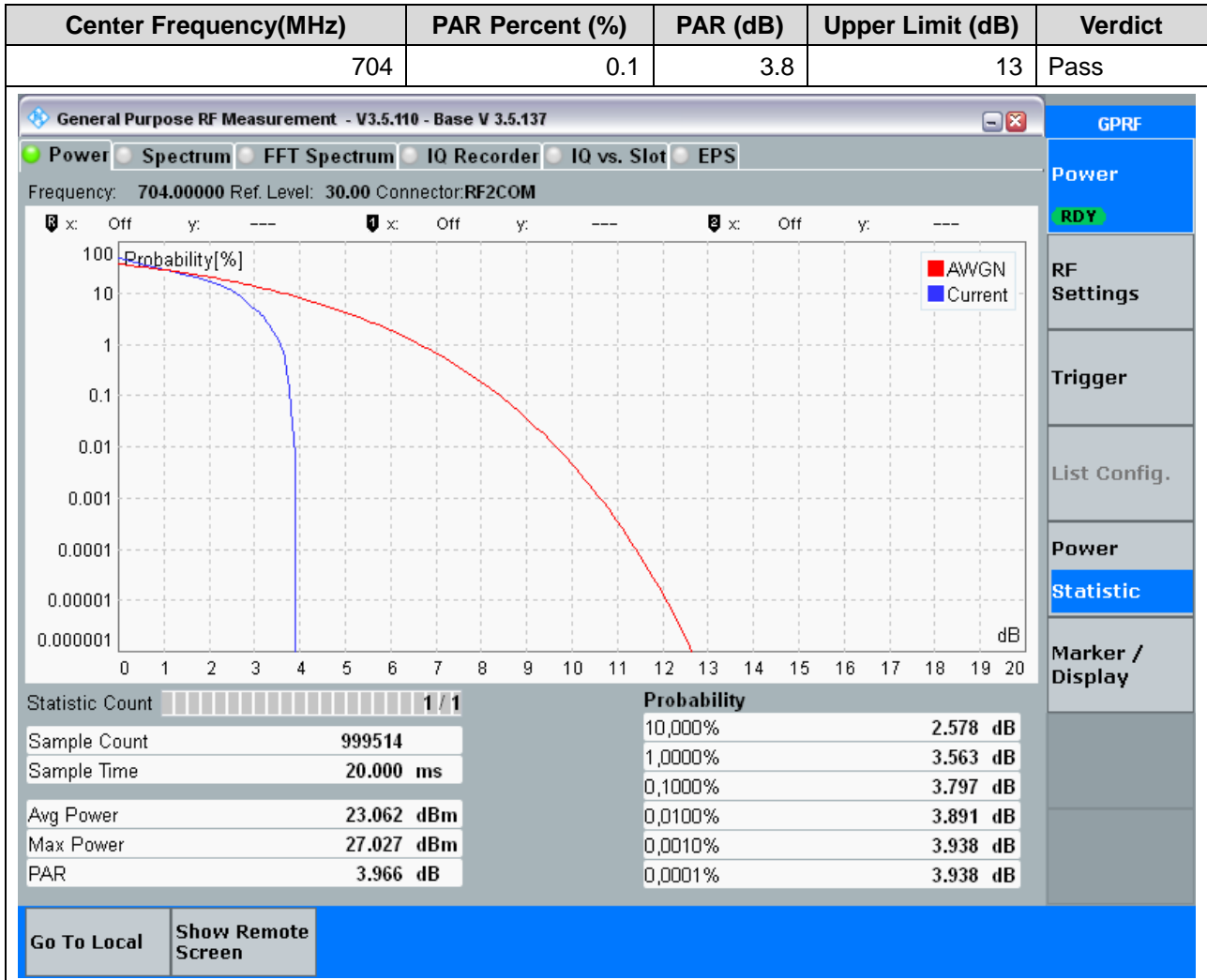


7.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

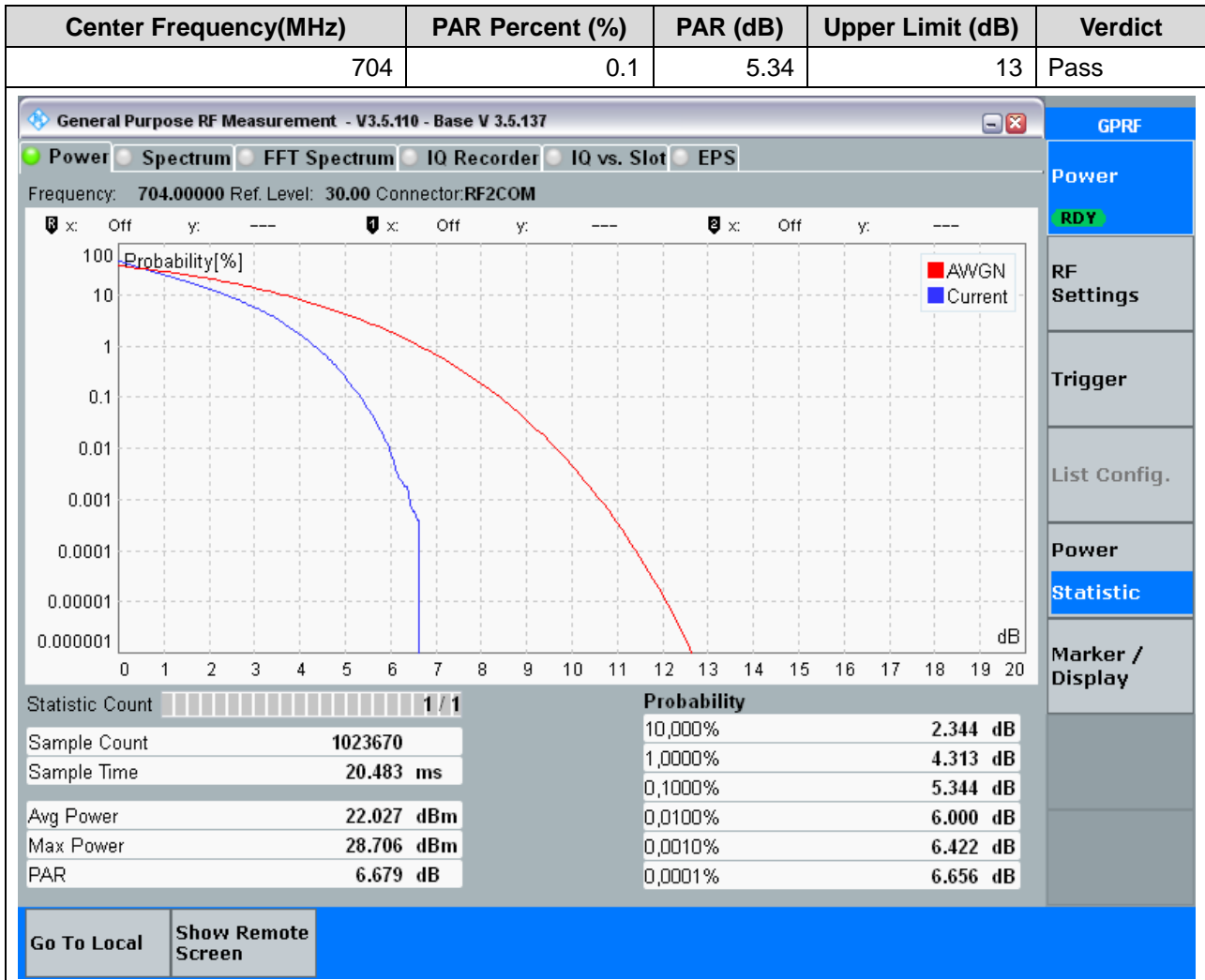


8. LTE_Band12

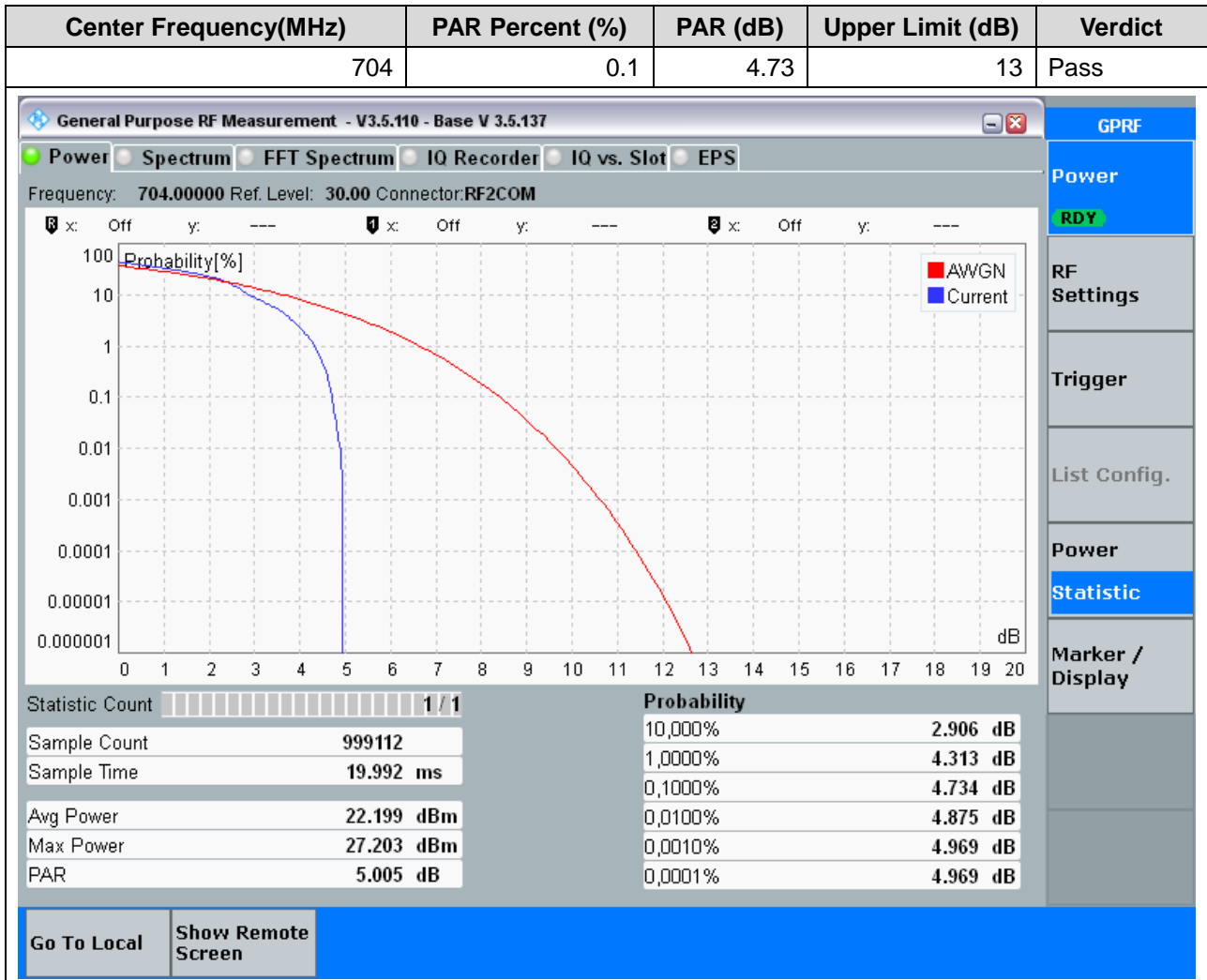
8.1. LTE Peak to Average Ratio(NTLV)(Subtest:1, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



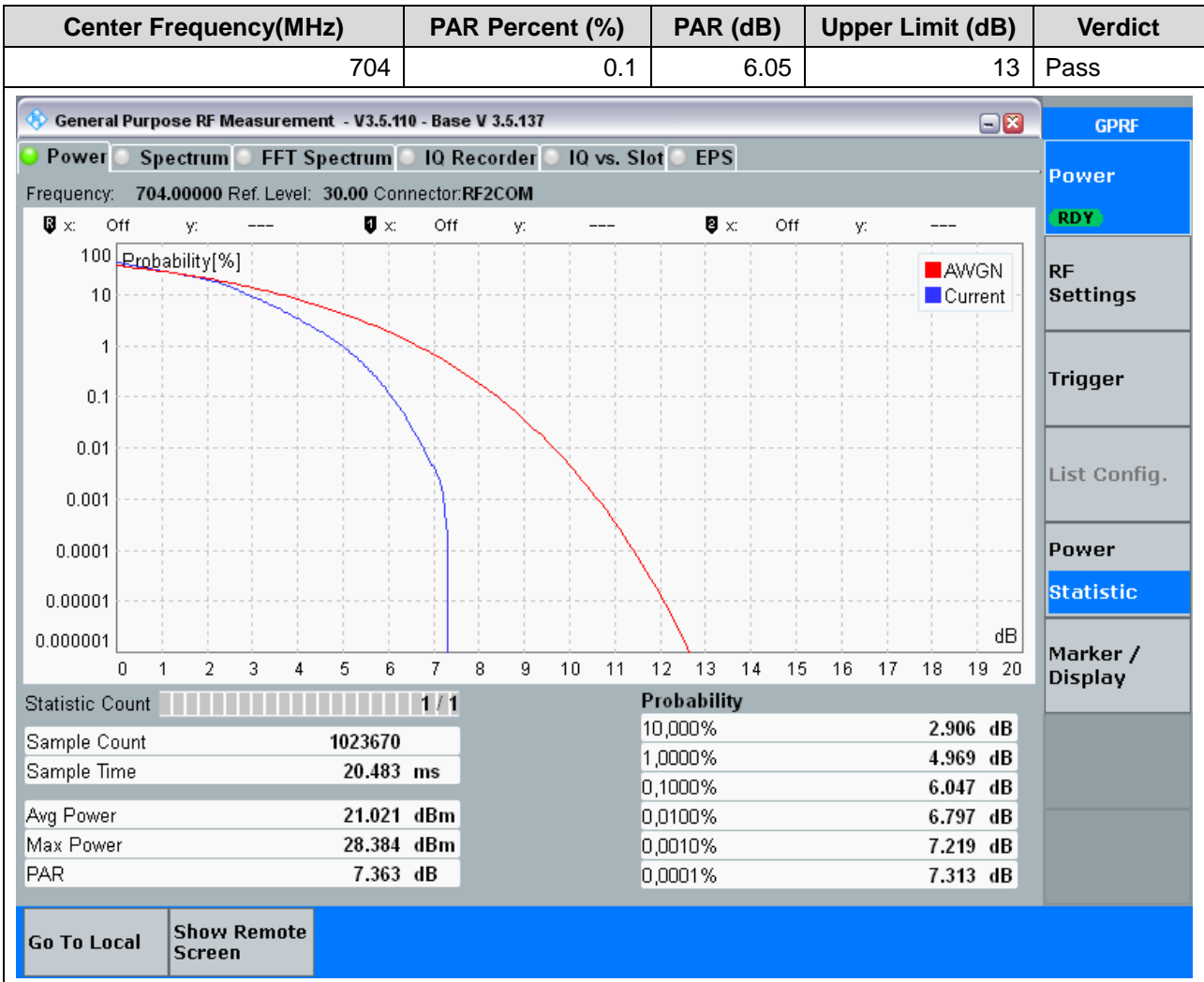
8.2. LTE Peak to Average Ratio(NTLV)(Subtest:2, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



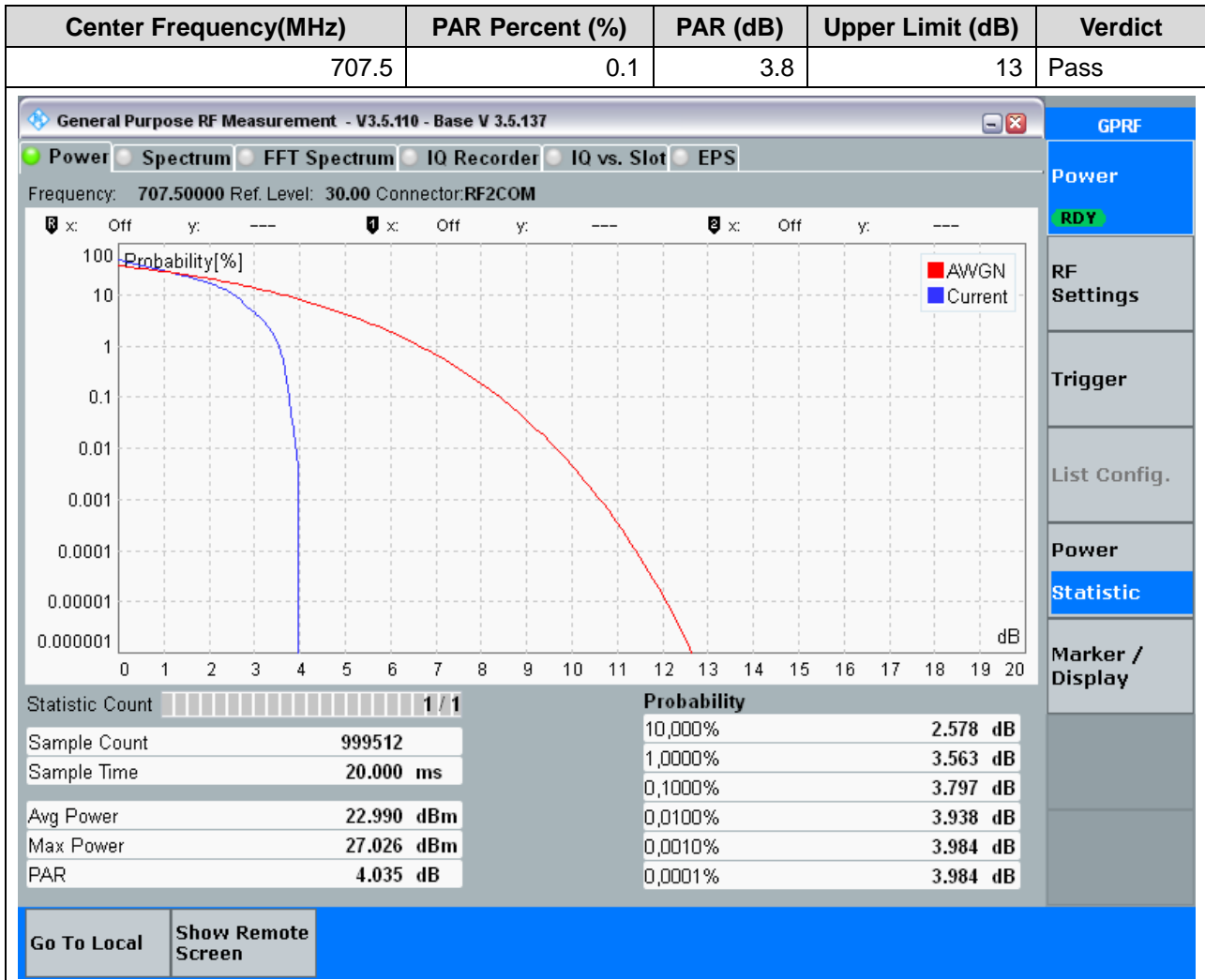
8.3. LTE Peak to Average Ratio(NTLV)(Subtest:3, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



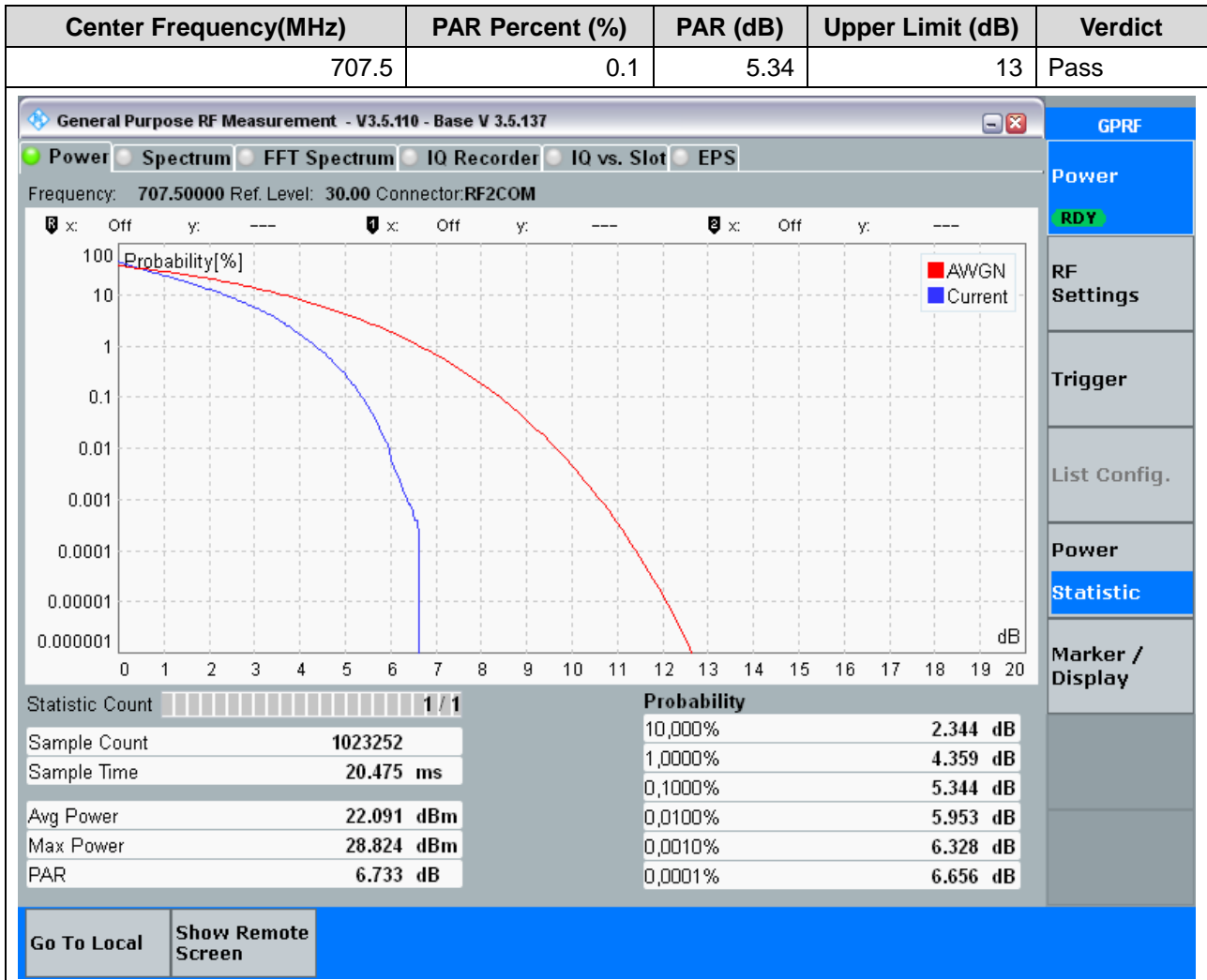
8.4. LTE Peak to Average Ratio(NTLV)(Subtest:4, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



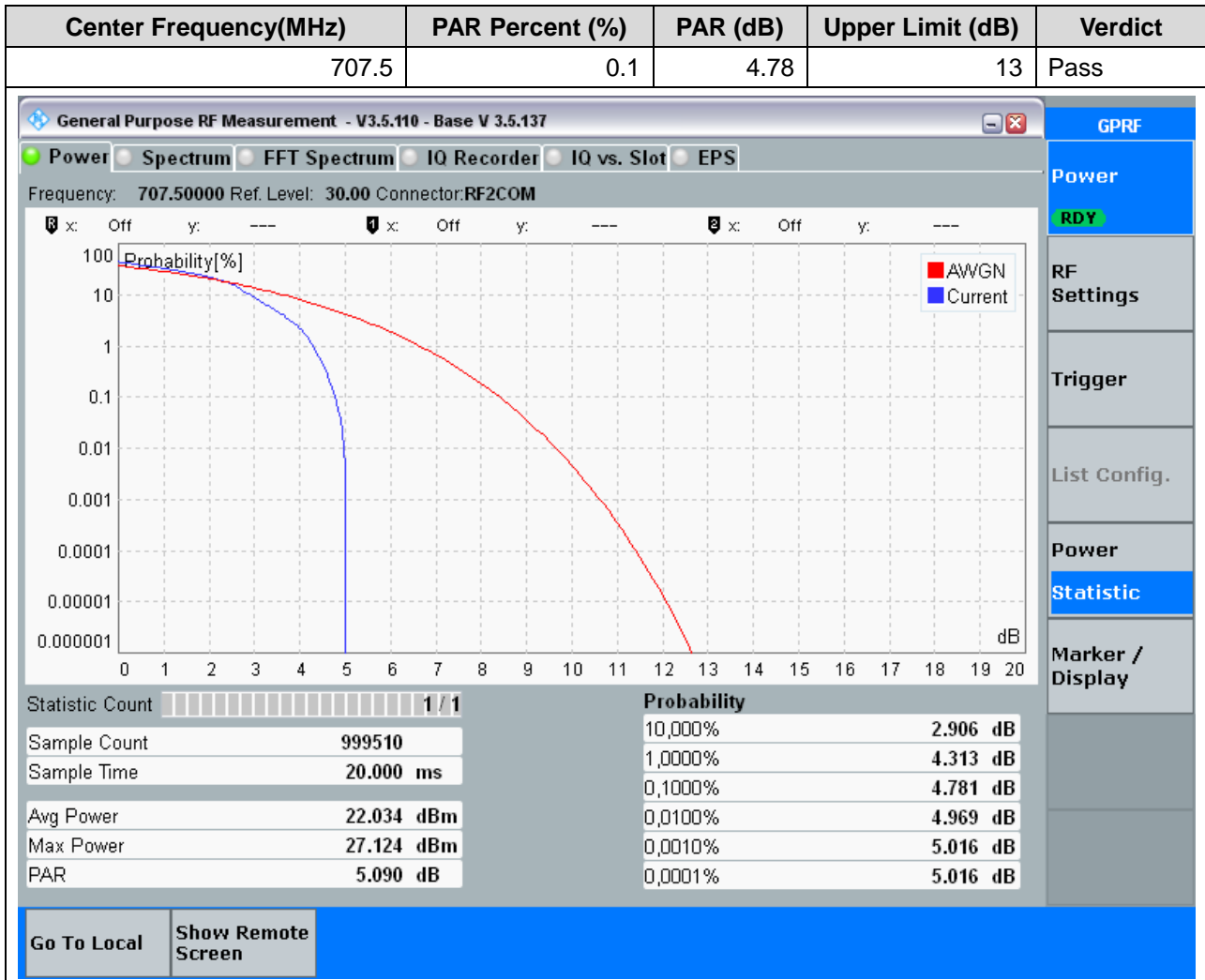
8.5. LTE Peak to Average Ratio(NTLV)(Subtest:5, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



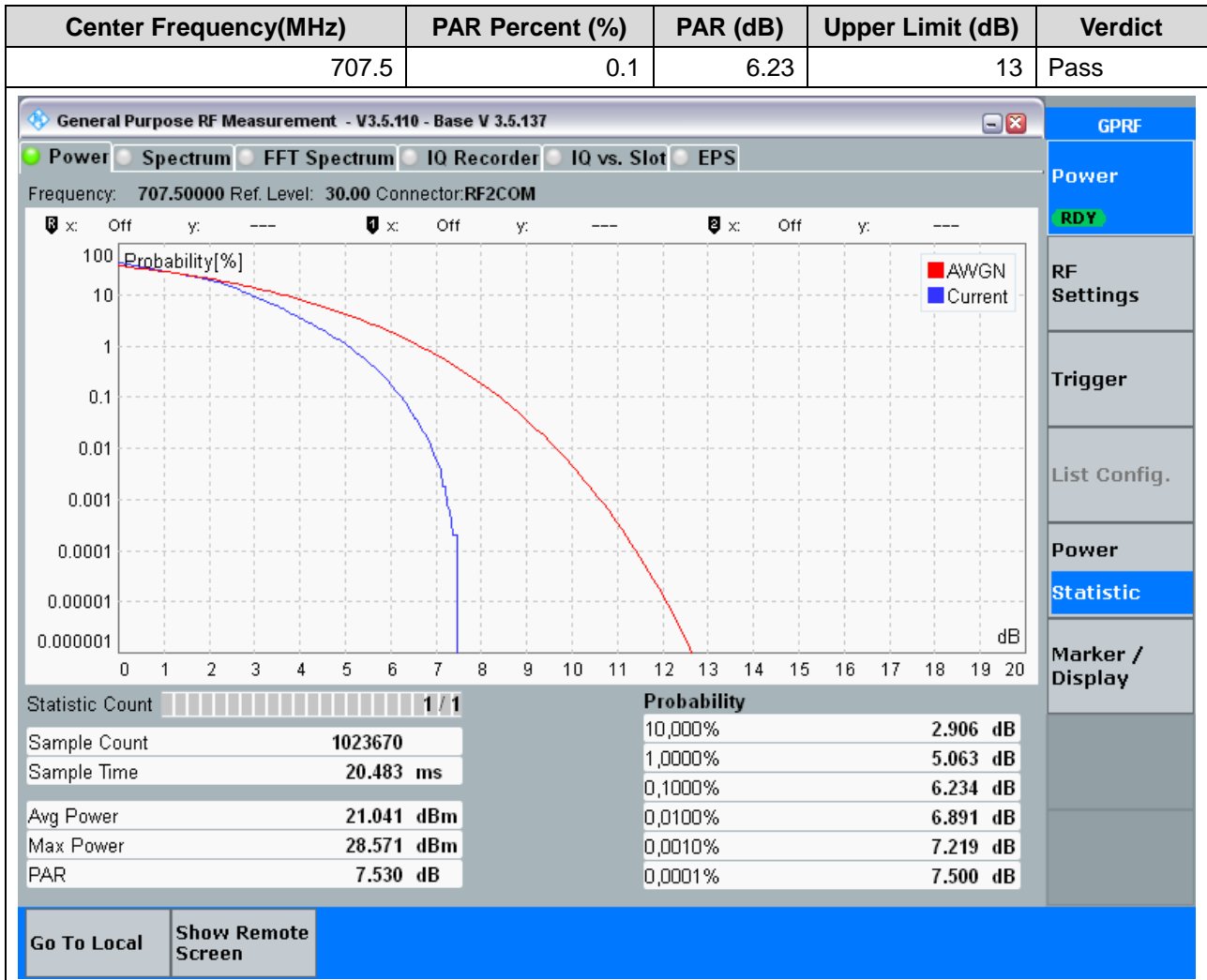
8.6. LTE Peak to Average Ratio(NTLV)(Subtest:6, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



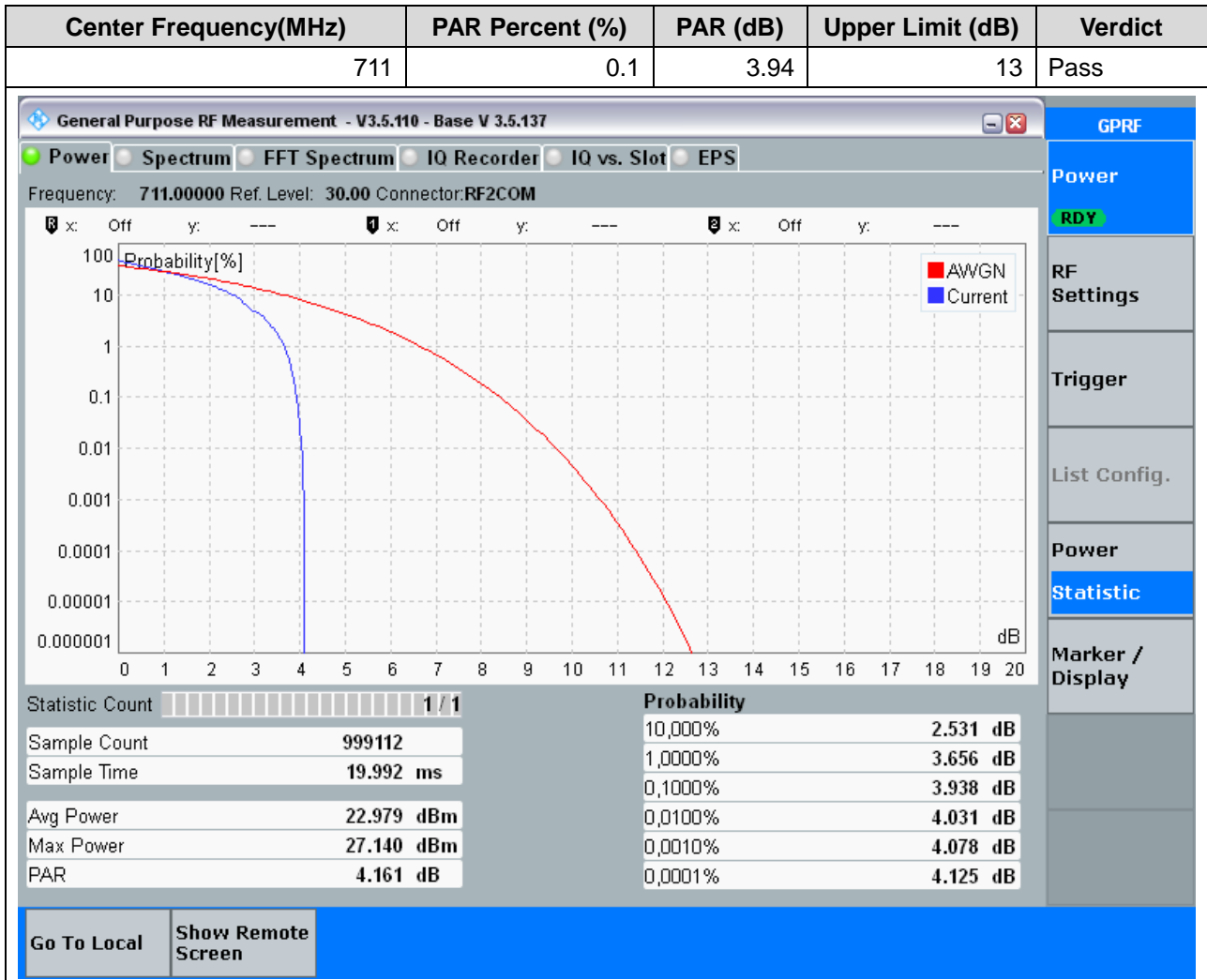
8.7. LTE Peak to Average Ratio(NTLV)(Subtest:7, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



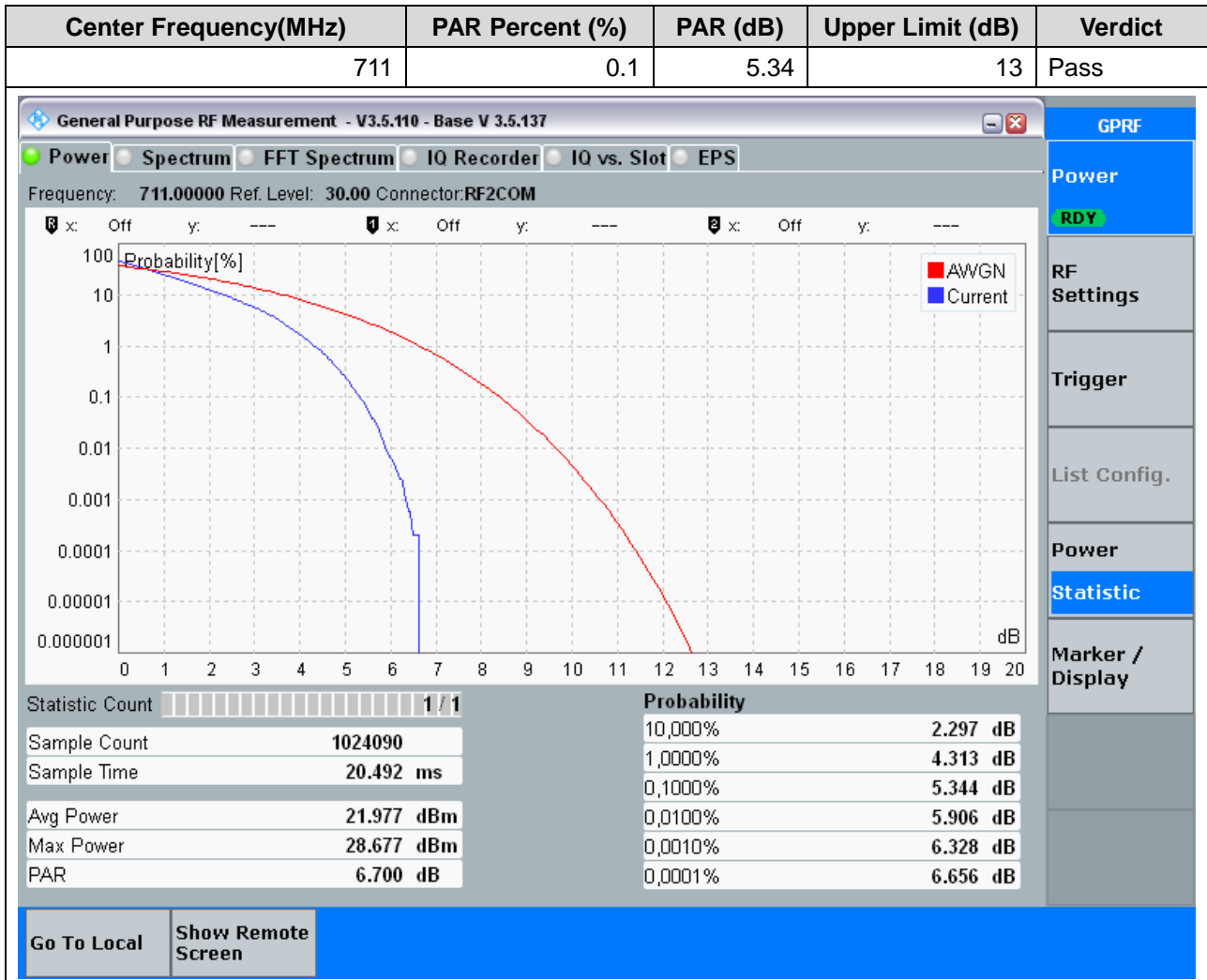
8.8. LTE Peak to Average Ratio(NTLV)(Subtest:8, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



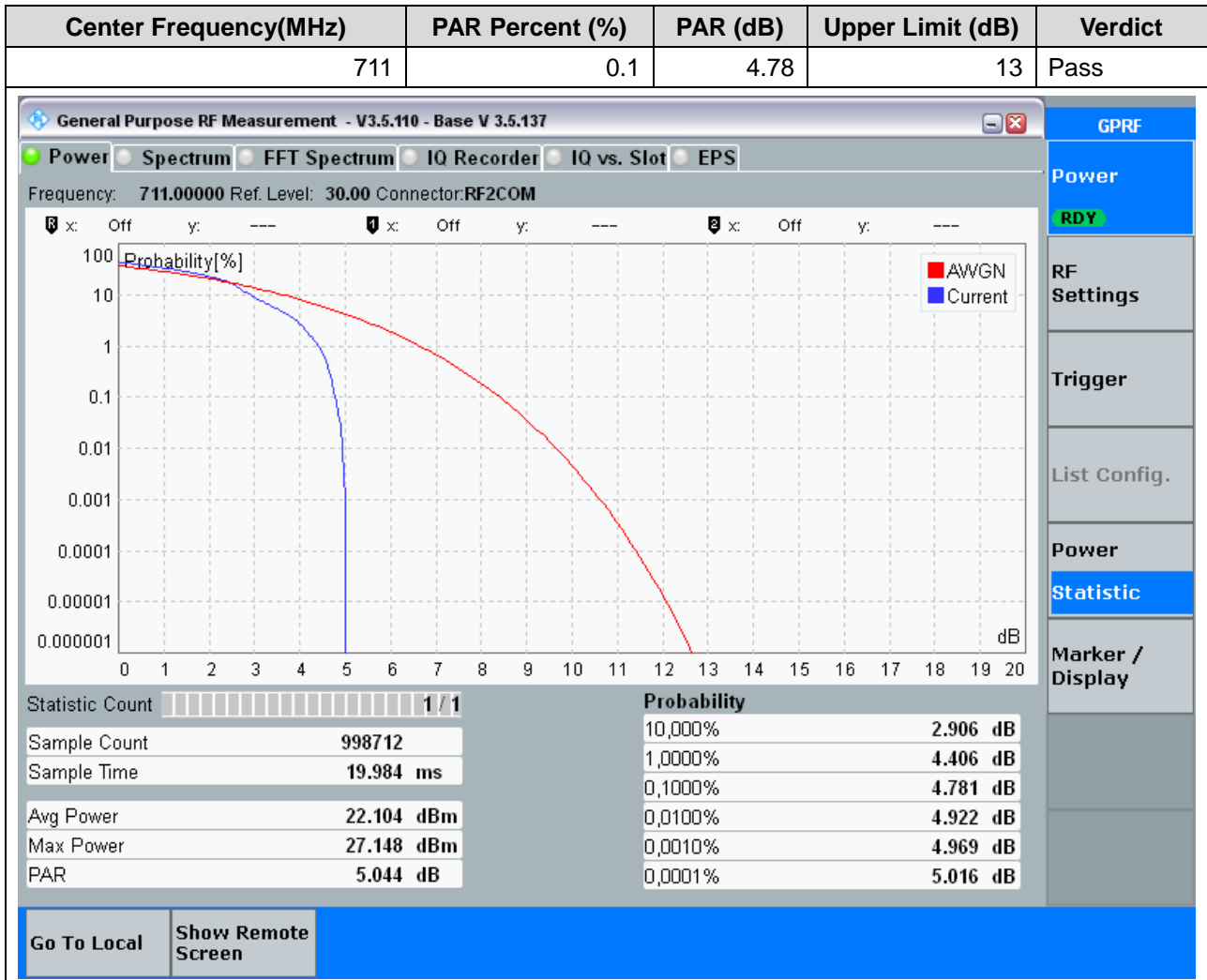
8.9. LTE Peak to Average Ratio(NTLV)(Subtest:9, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



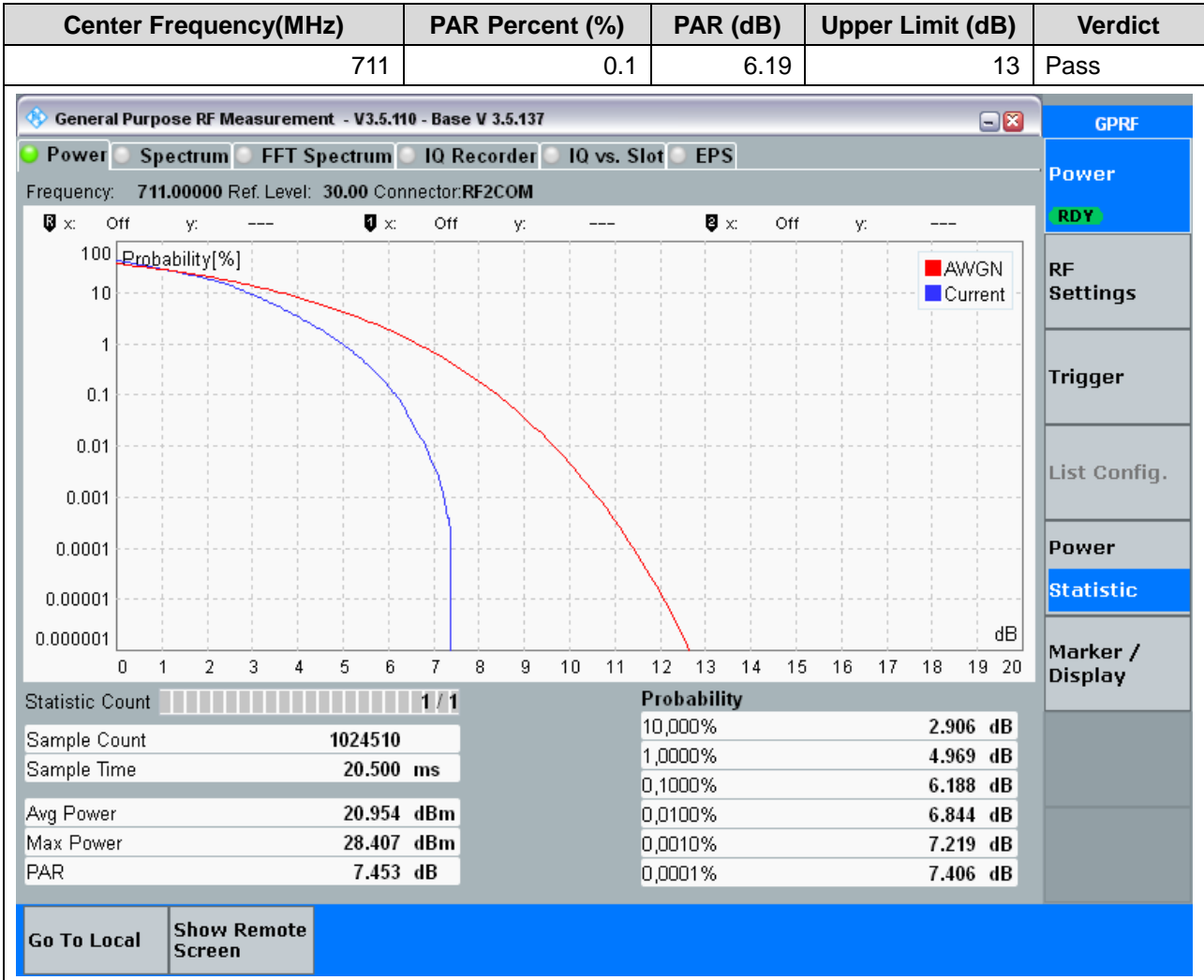
8.10. LTE Peak to Average Ratio(NTLV)(Subtest:10, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



8.11. LTE Peak to Average Ratio(NTLV)(Subtest:11, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

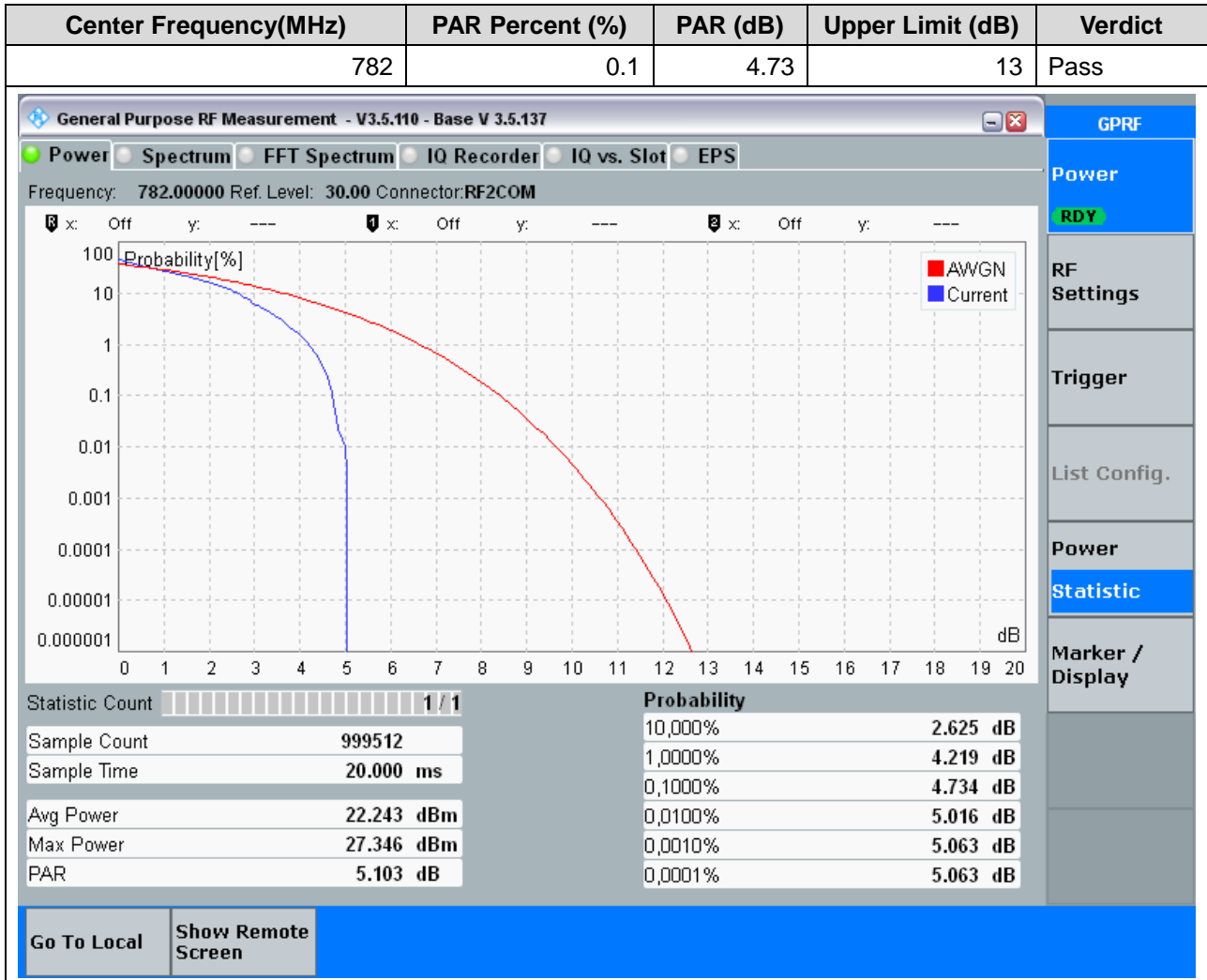


8.12. LTE Peak to Average Ratio(NTLV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

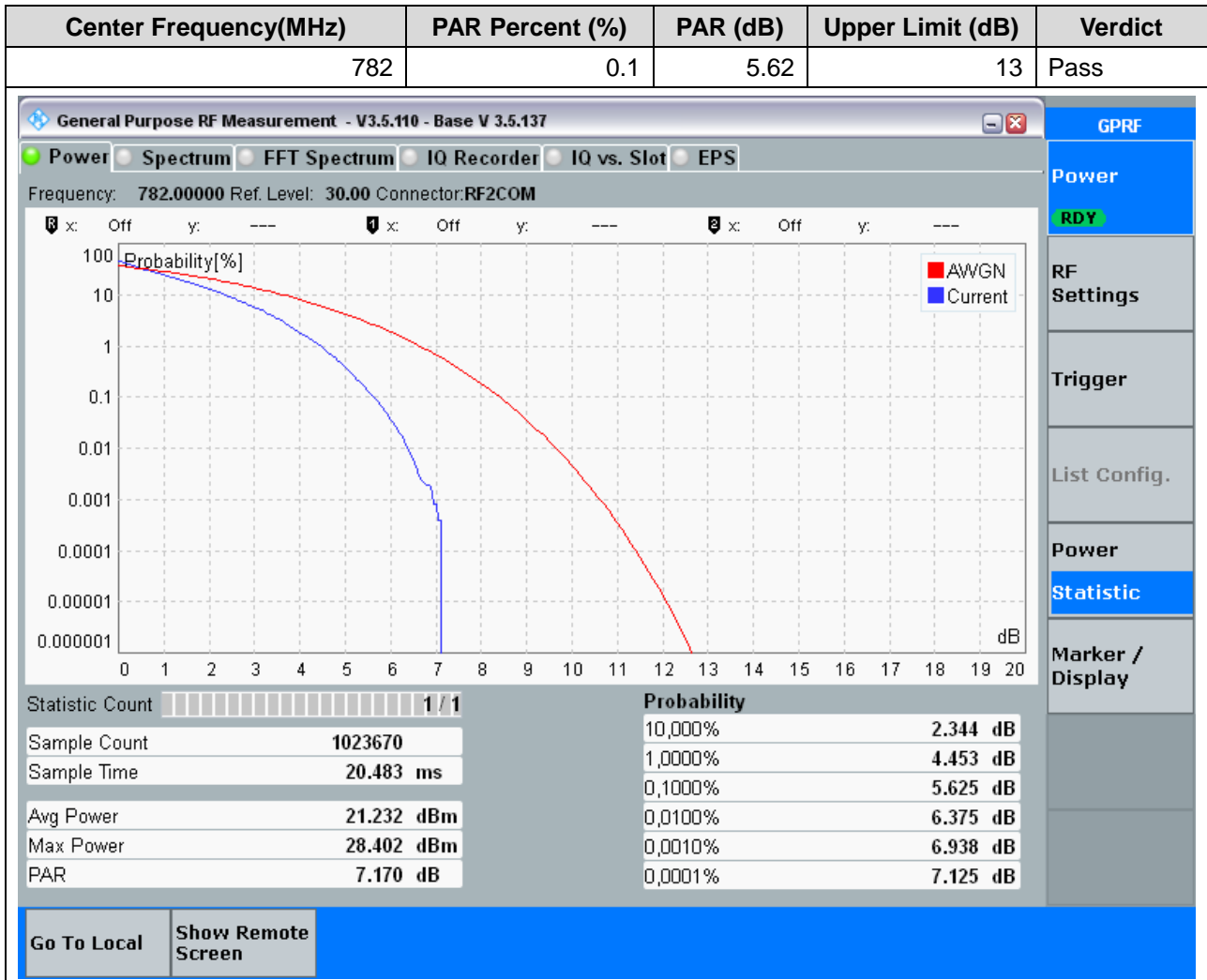


9. LTE_Band13

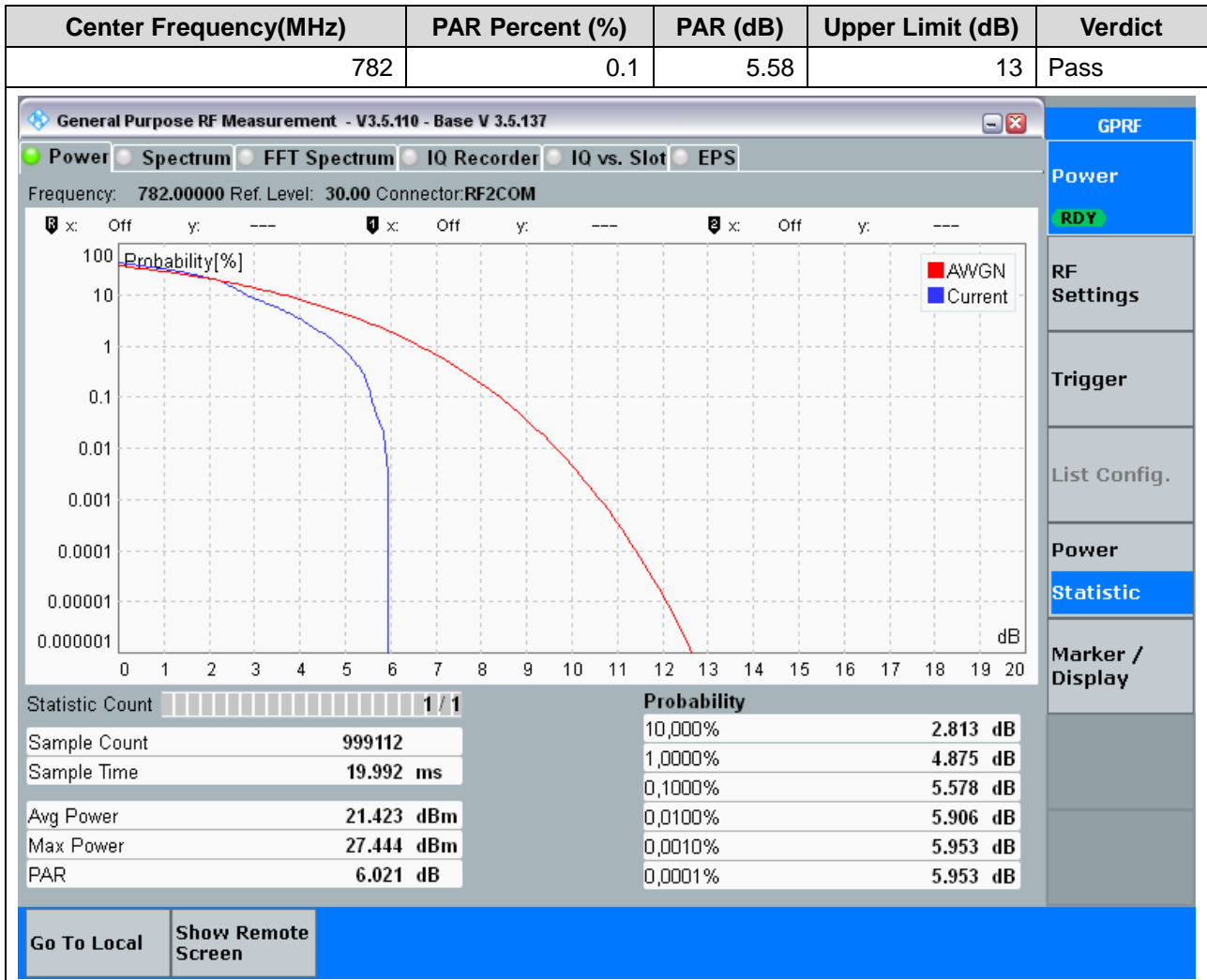
9.1. LTE Peak to Average Ratio(NTLV)(Subtest:1, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



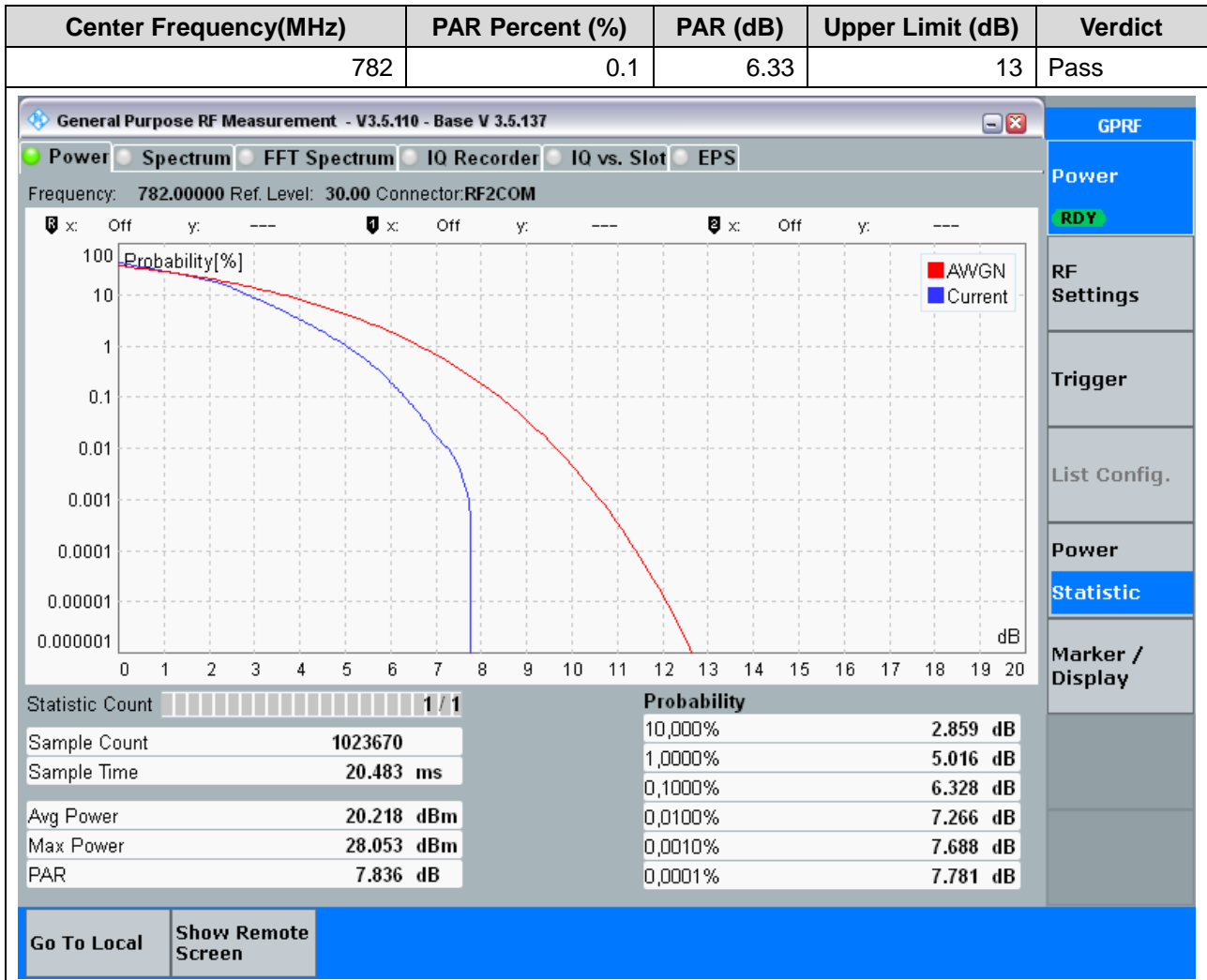
9.2. LTE Peak to Average Ratio(NTLV)(Subtest:2, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



9.3. LTE Peak to Average Ratio(NTLV)(Subtest:3, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

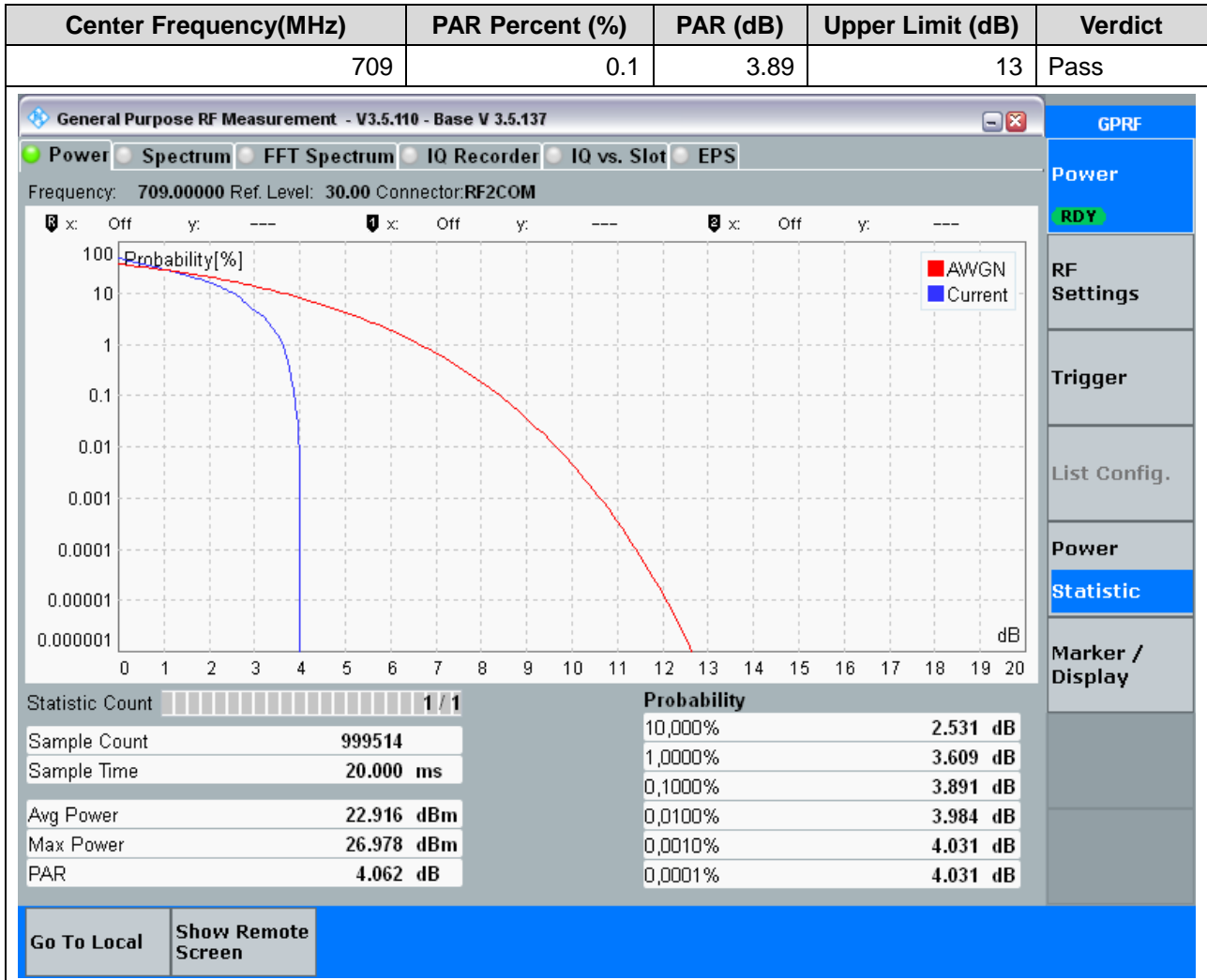


9.4. LTE Peak to Average Ratio(NTLV)(Subtest:4, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

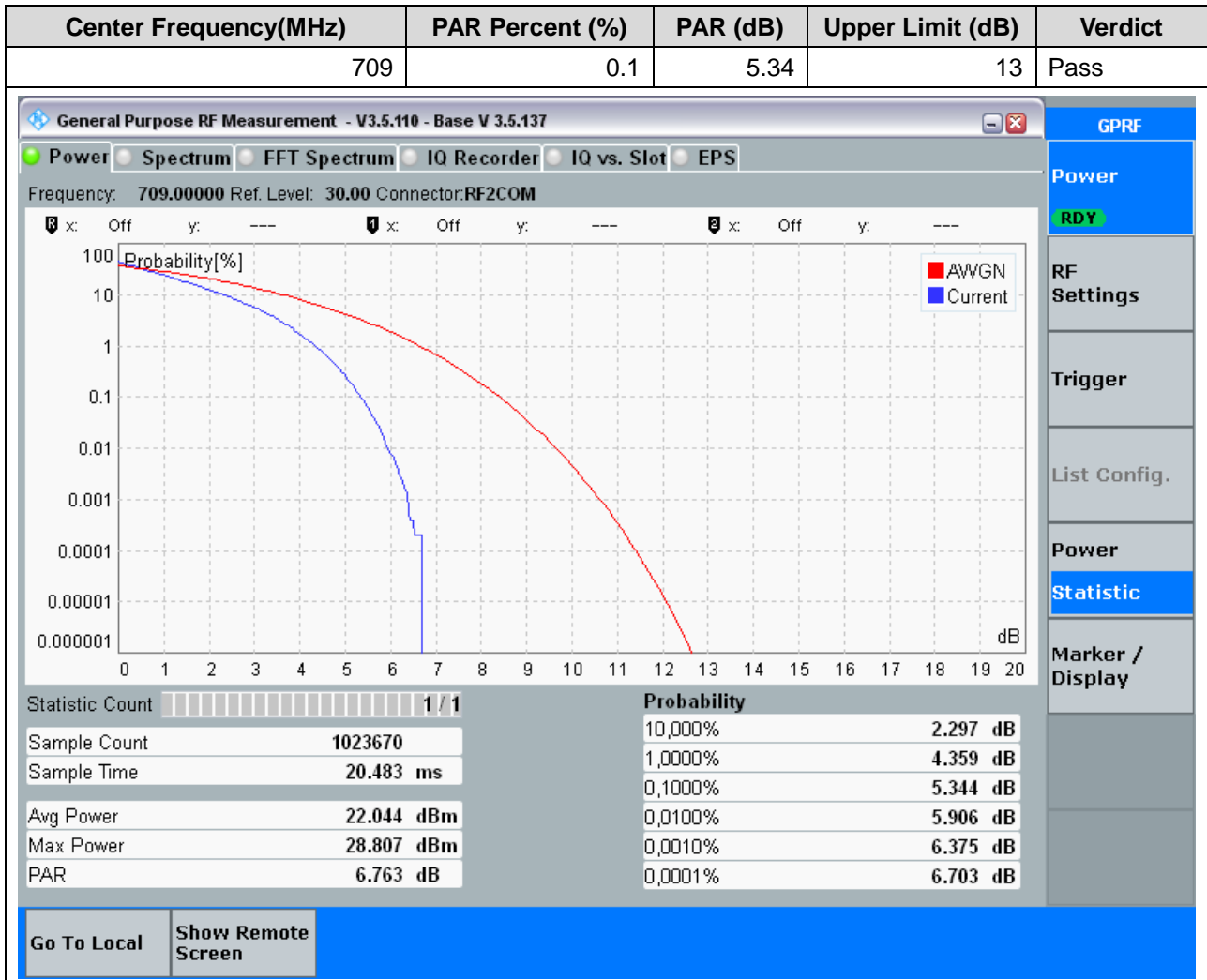


10. LTE_Band17

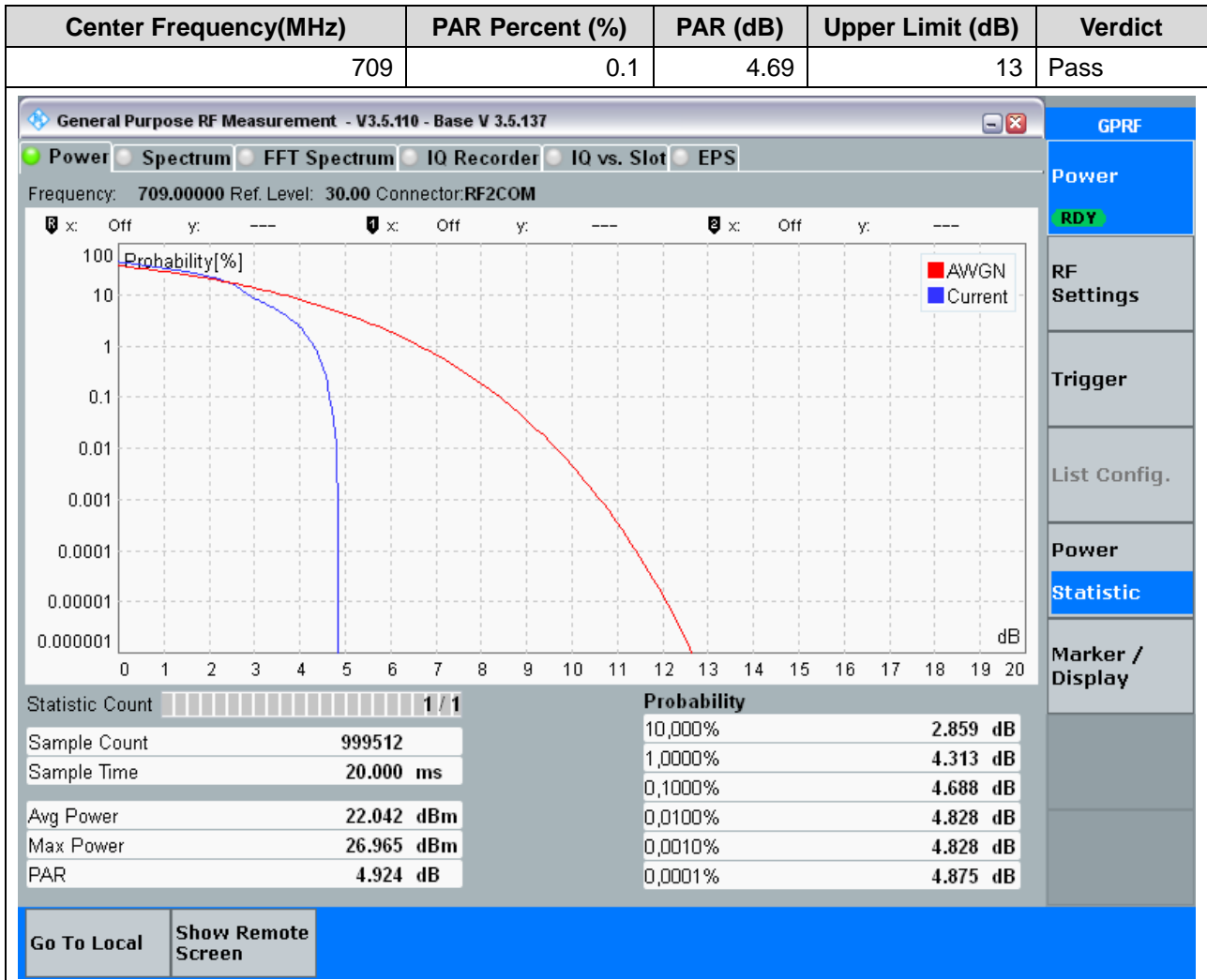
10.1. LTE Peak to Average Ratio(NTLV)(Subtest:1, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



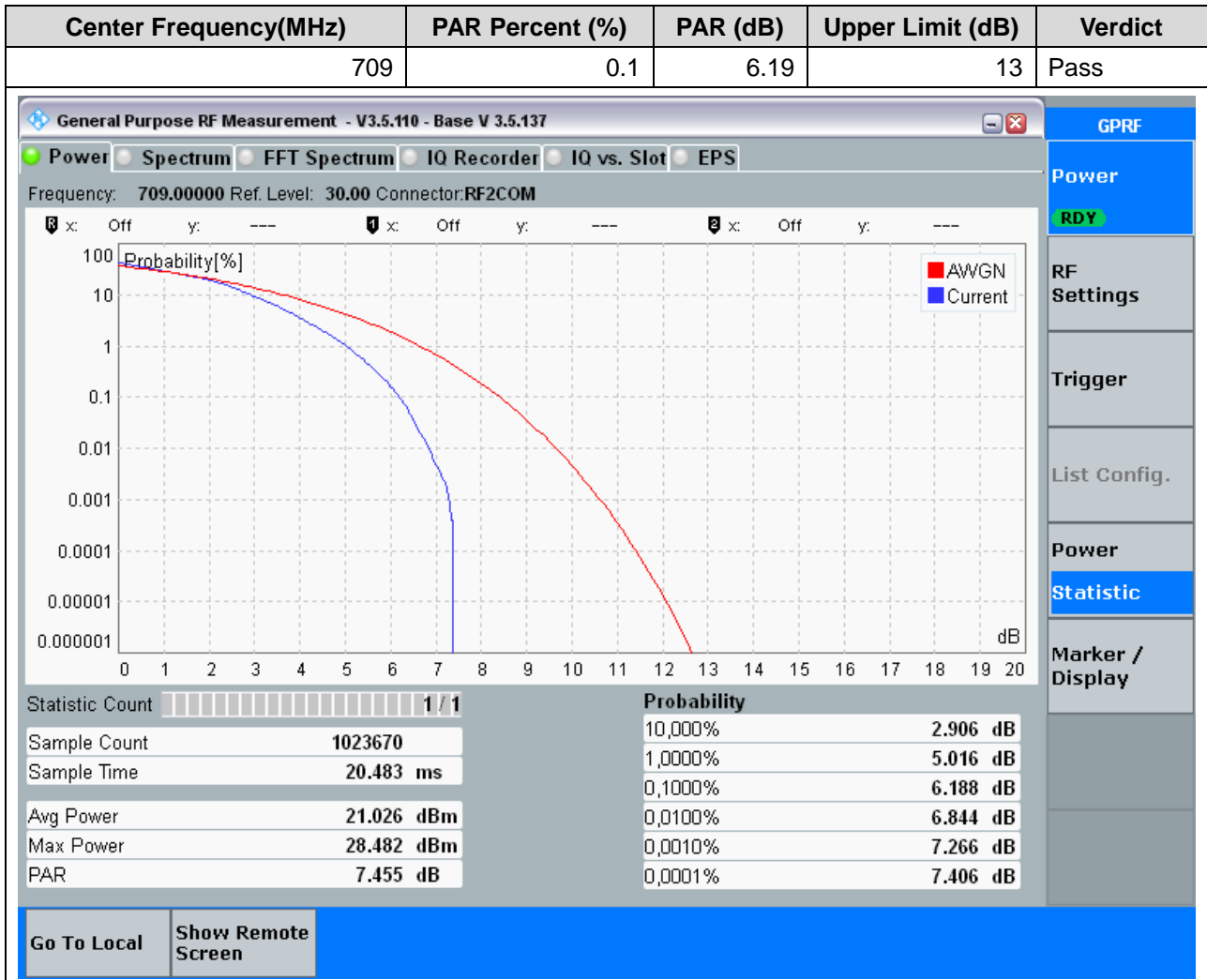
10.2. LTE Peak to Average Ratio(NTLV)(Subtest:2, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



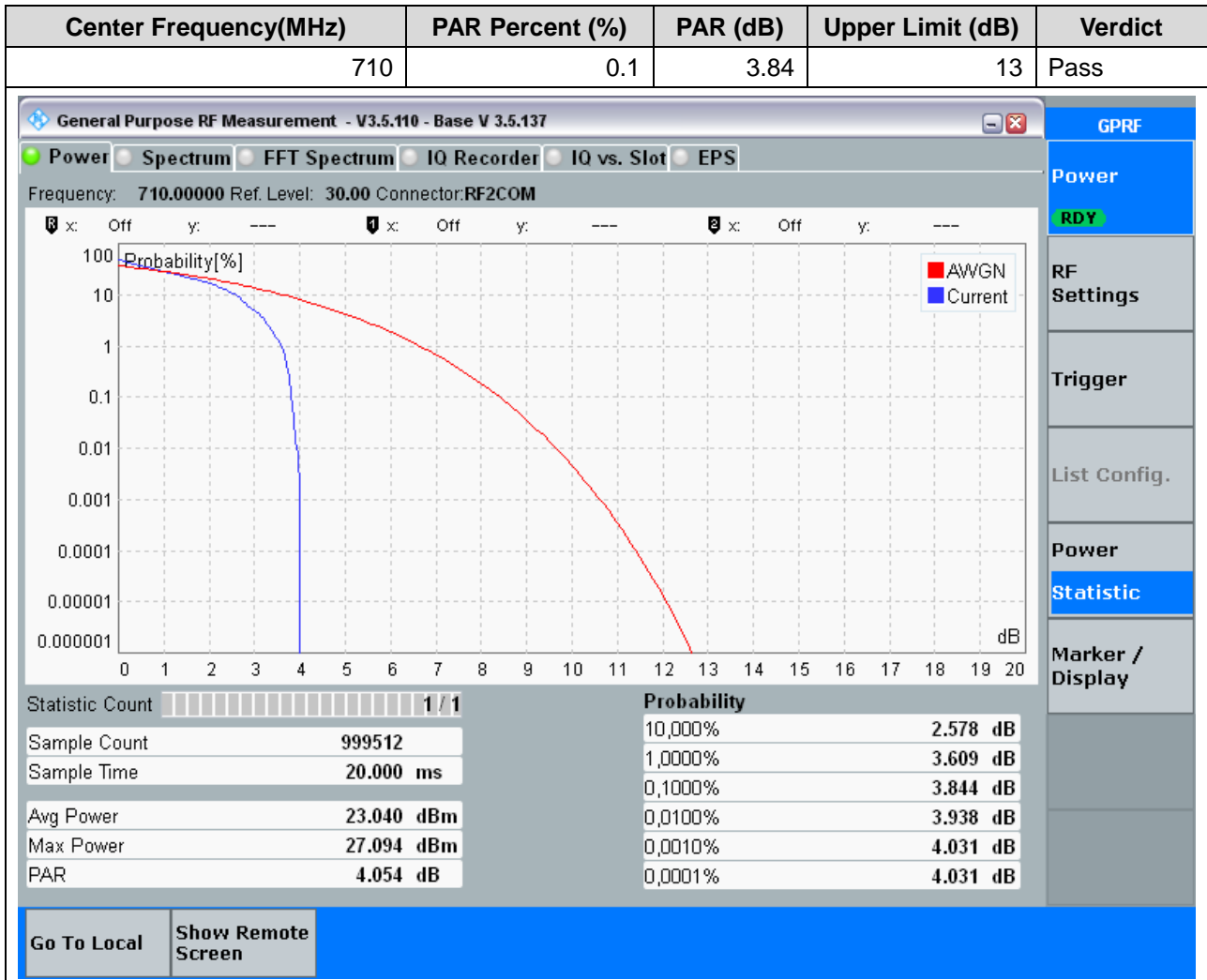
10.3. LTE Peak to Average Ratio(NTLV)(Subtest:3, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



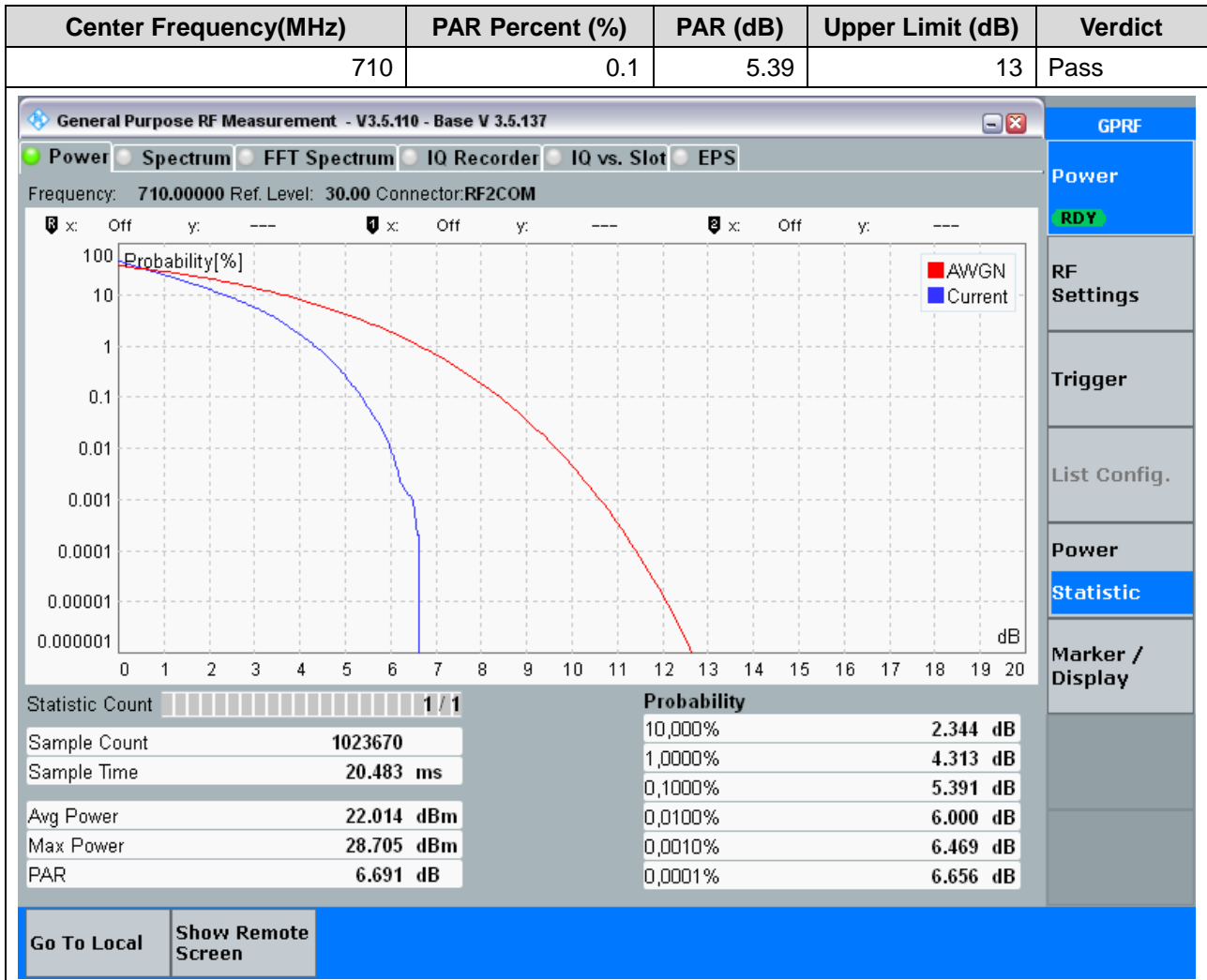
10.4. LTE Peak to Average Ratio(NTLV)(Subtest:4, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



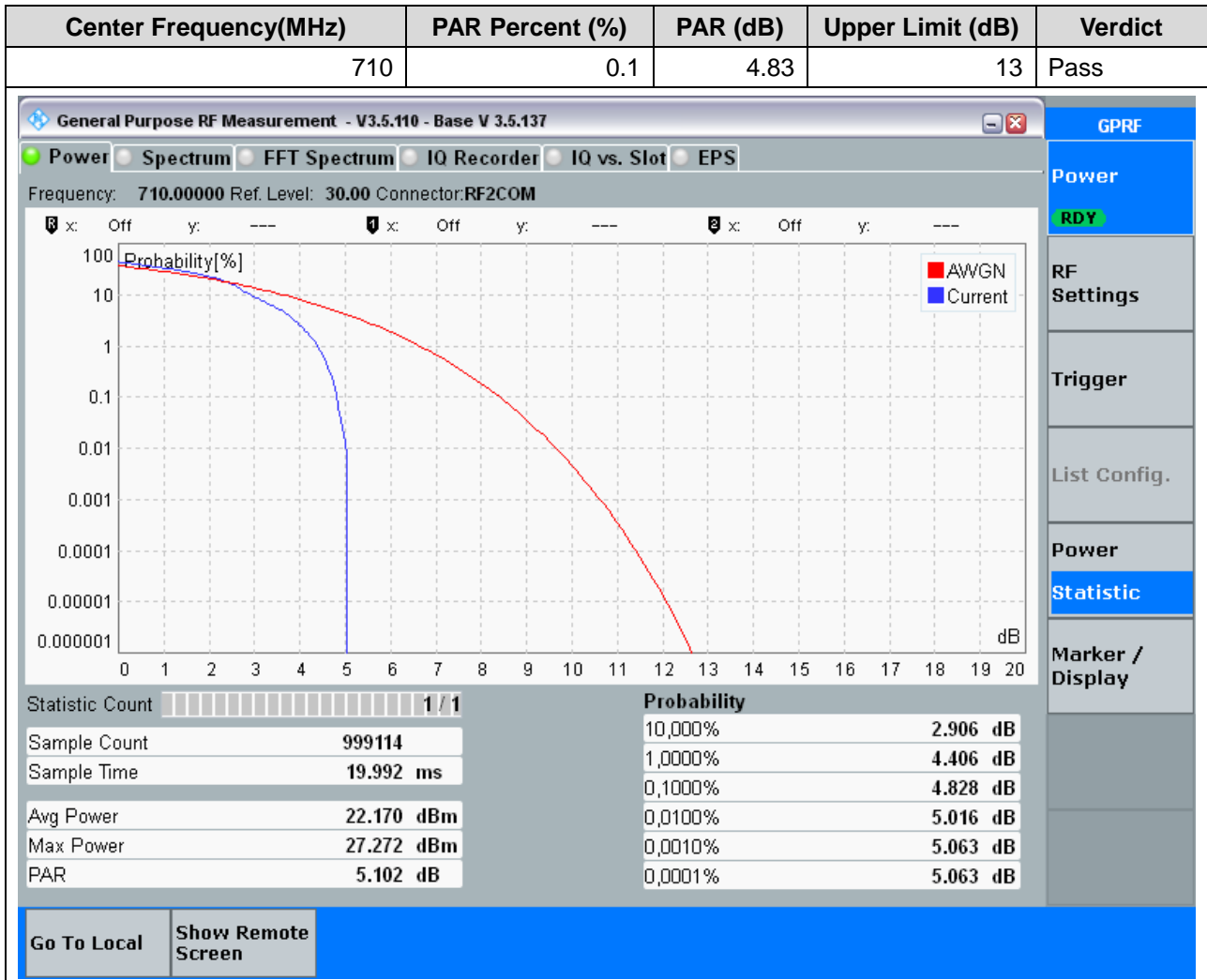
10.5. LTE Peak to Average Ratio(NTLV)(Subtest:5, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



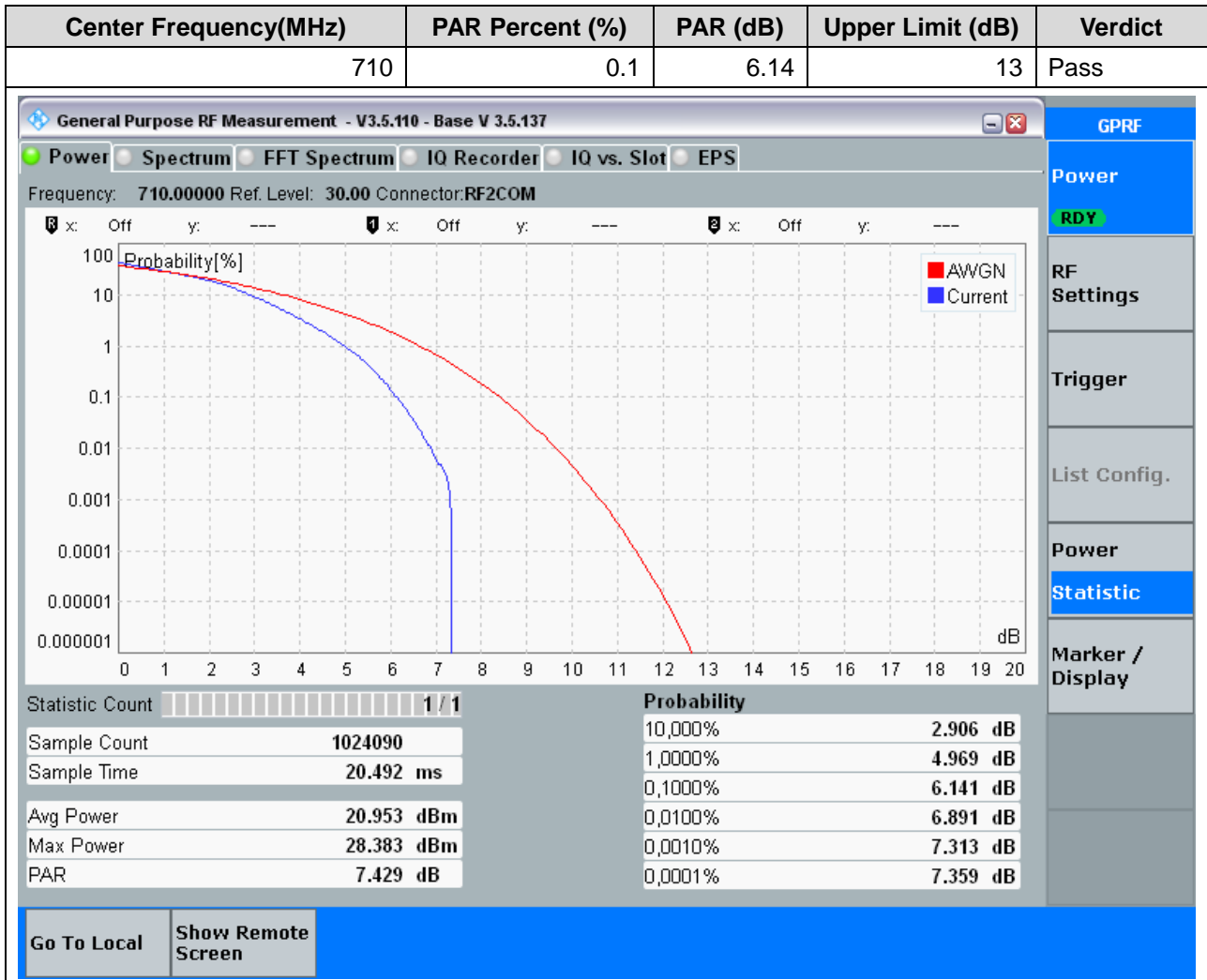
10.6. LTE Peak to Average Ratio(NTLV)(Subtest:6, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



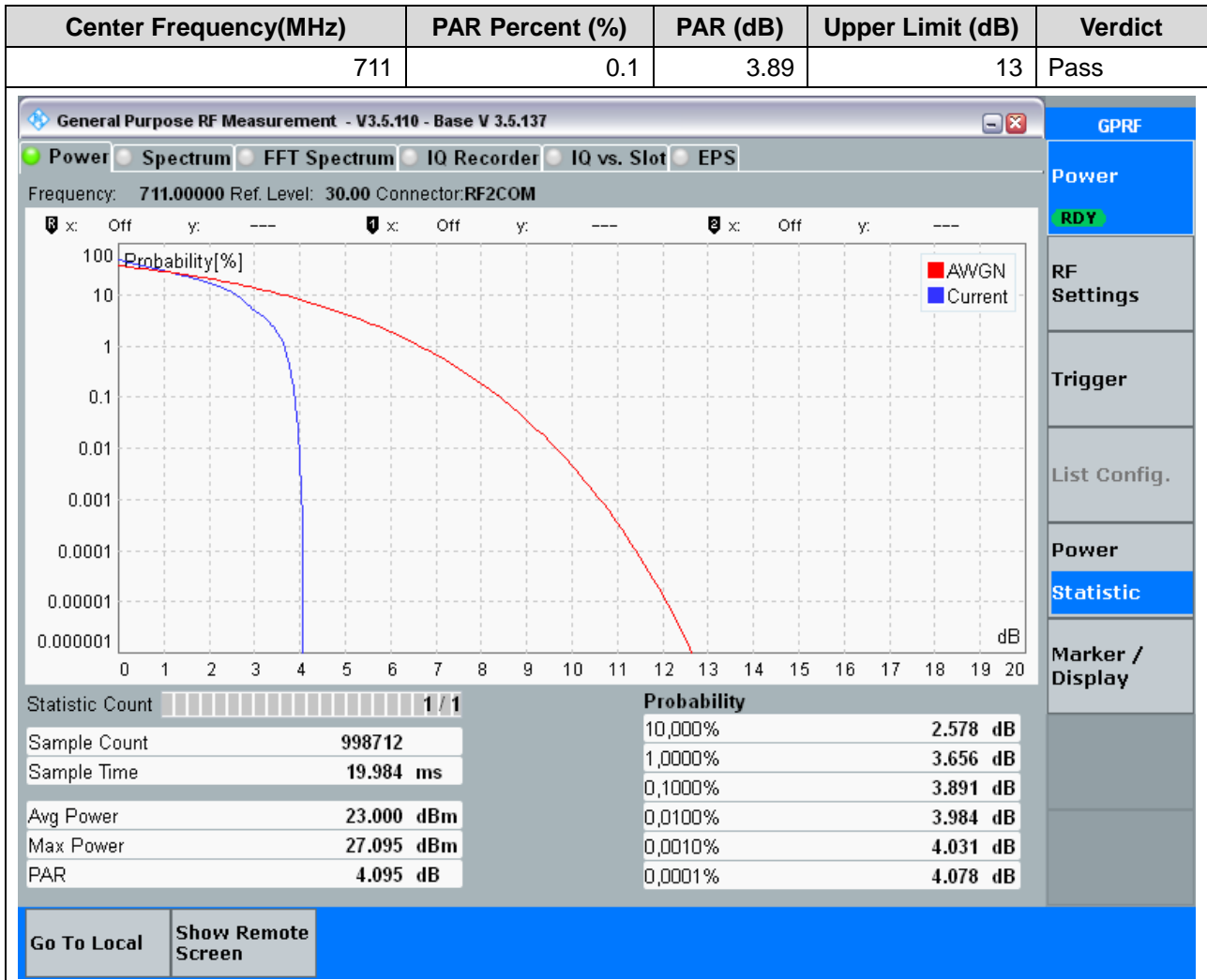
10.7. LTE Peak to Average Ratio(NTLV)(Subtest:7, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



10.8. LTE Peak to Average Ratio(NTLV)(Subtest:8, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



10.9. LTE Peak to Average Ratio(NTLV)(Subtest:9, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



10.10. LTE Peak to Average Ratio(NTLV)(Subtest:10, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.3	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: 711.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]

Statistic Count	
Sample Count	1024510
Sample Time	20.500 ms
Avg Power	21.998 dBm
Max Power	28.522 dBm
PAR	6.525 dB

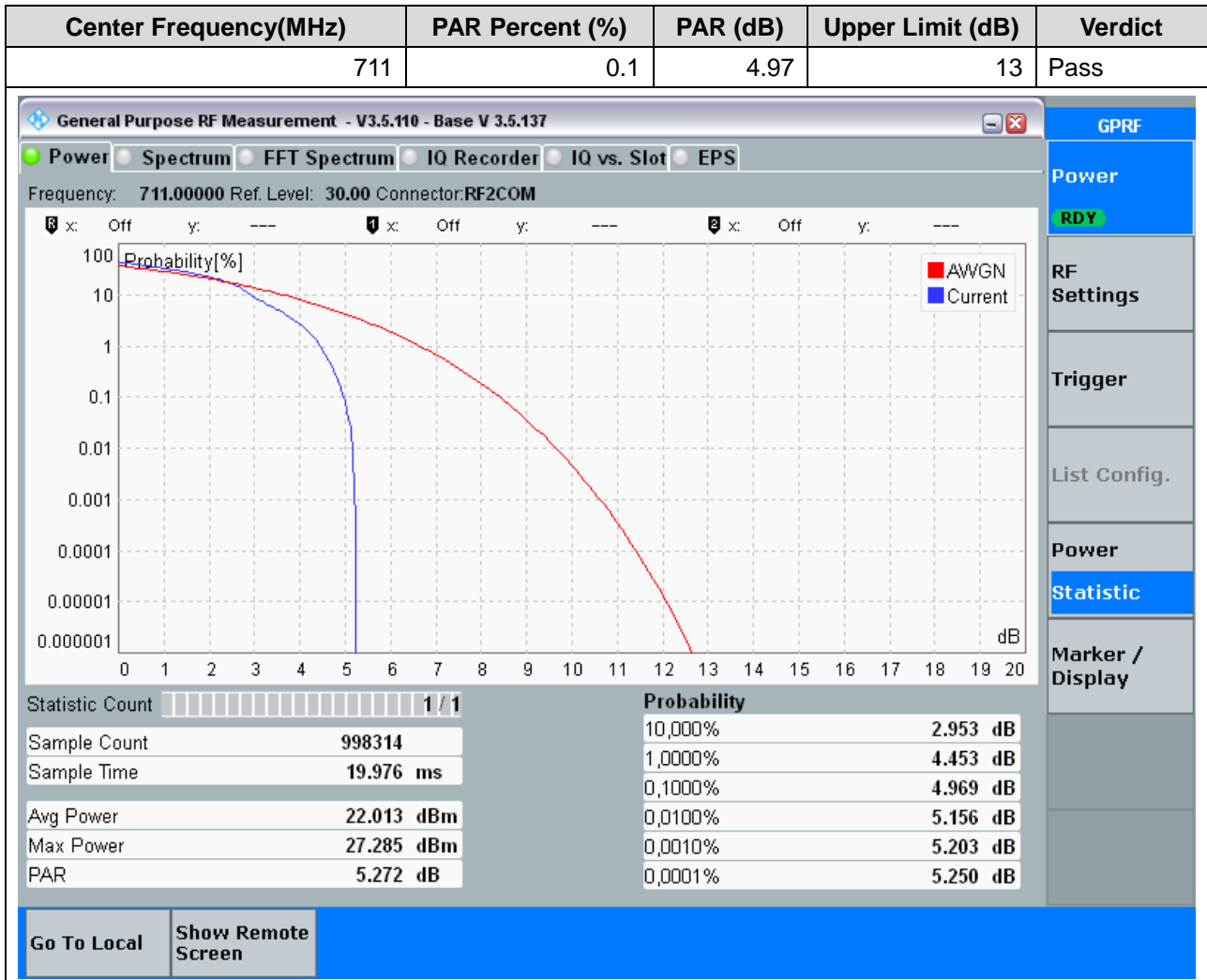
Probability	
10,000%	2.297 dB
1,0000%	4.266 dB
0,1000%	5.297 dB
0,0100%	5.859 dB
0,0010%	6.234 dB
0,0001%	6.469 dB

Go To Local

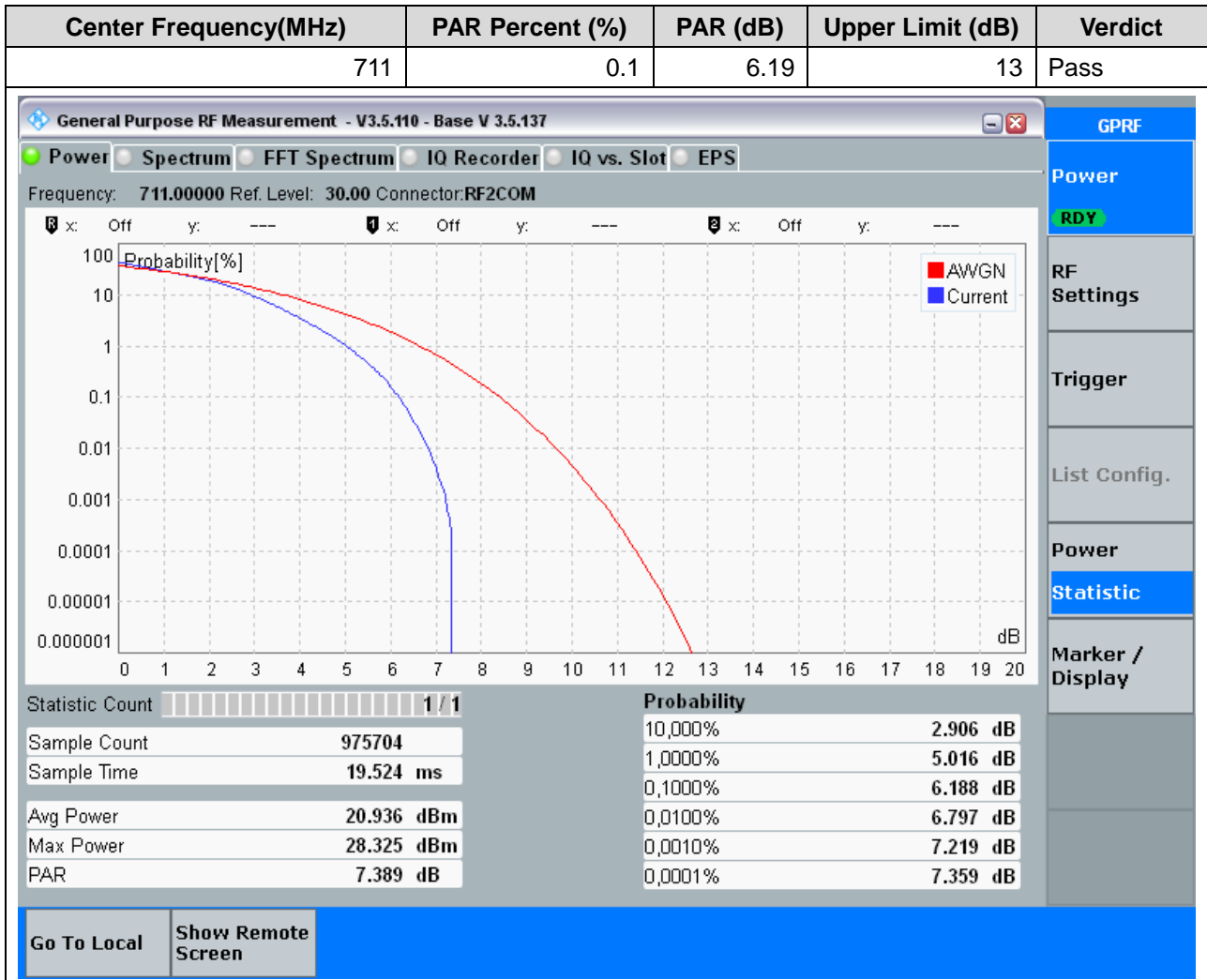
Show Remote Screen

Statistic

10.11. LTE Peak to Average Ratio(NTLV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

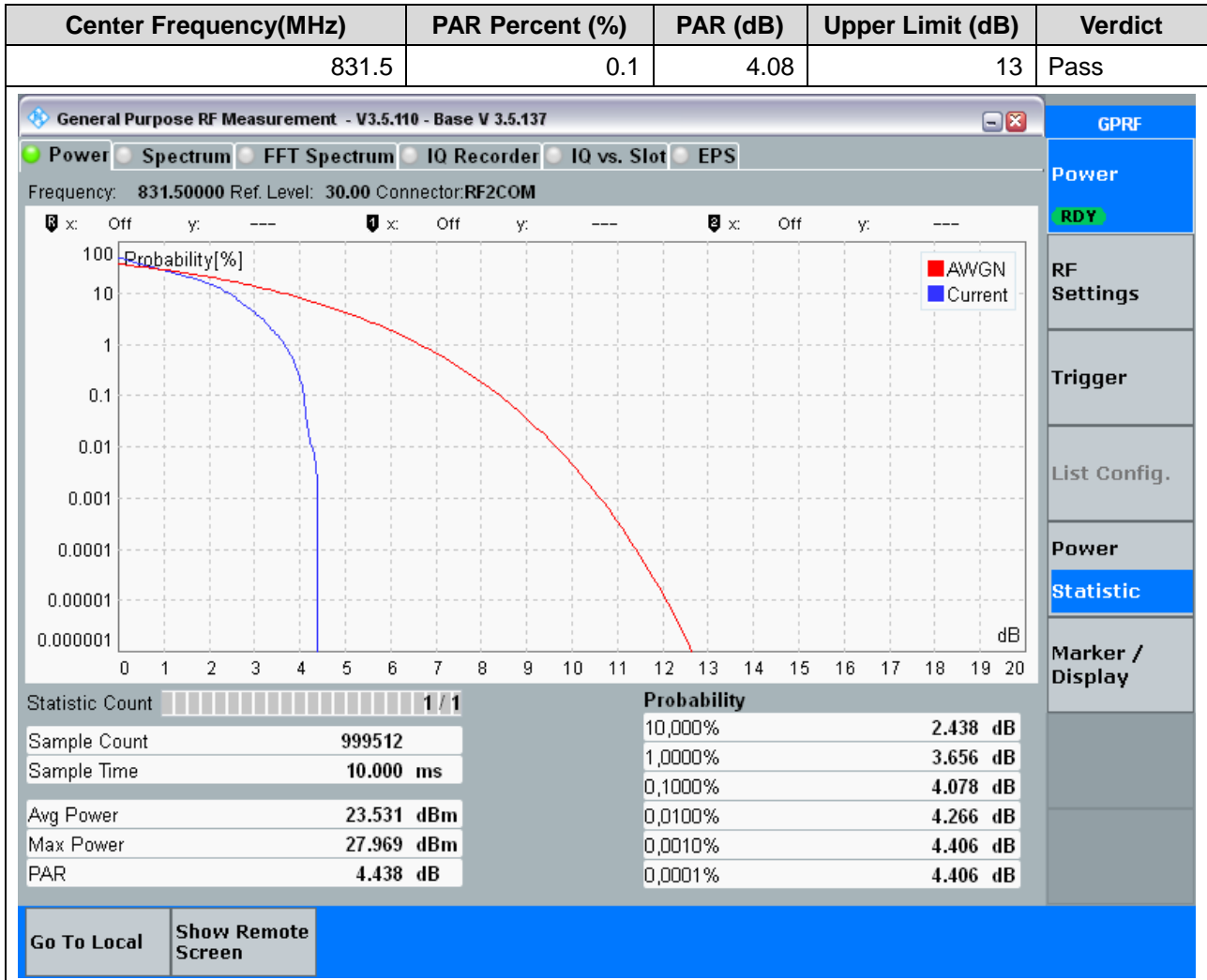


10.12. LTE Peak to Average Ratio(NTLV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

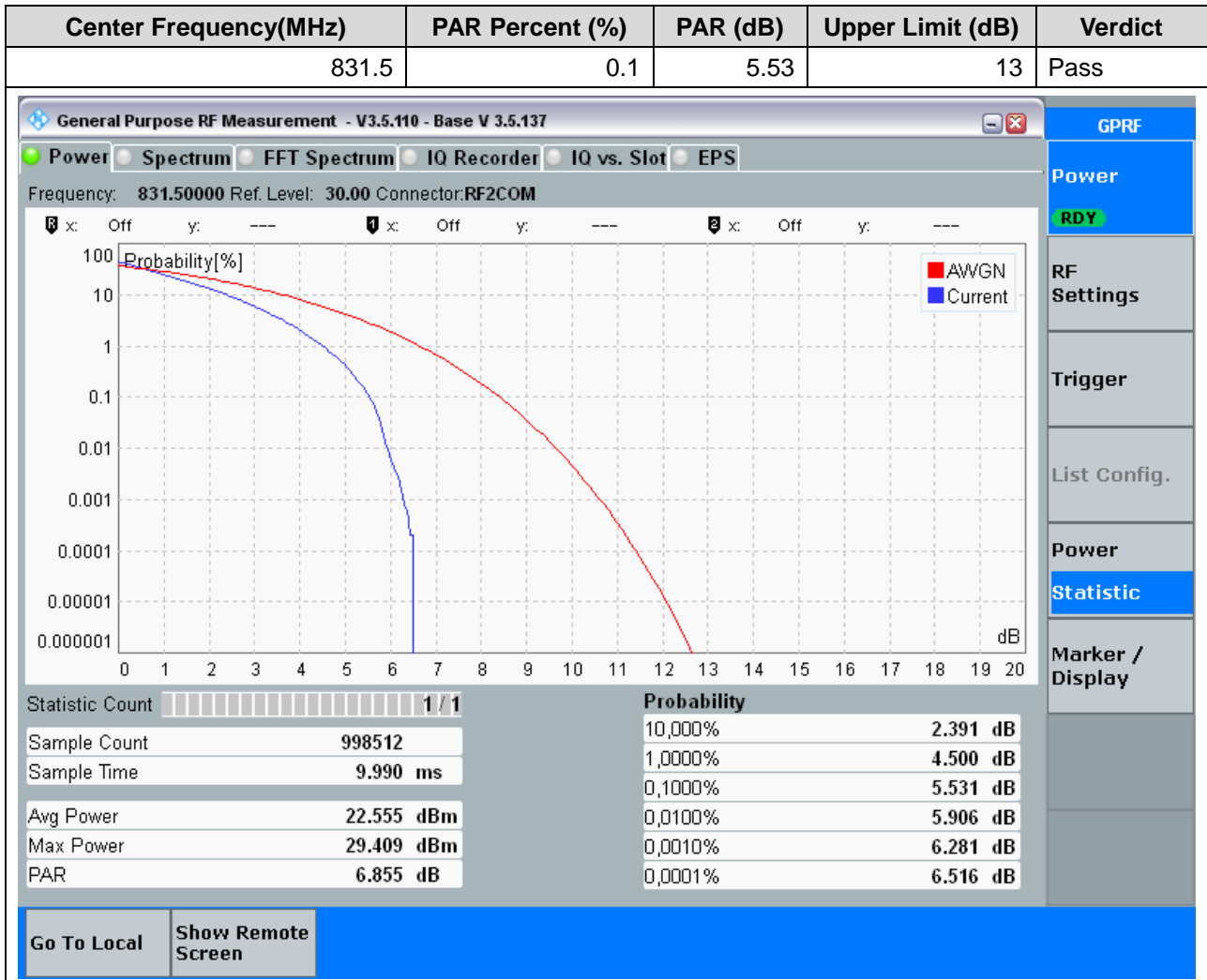


11. LTE_Band26(part22)

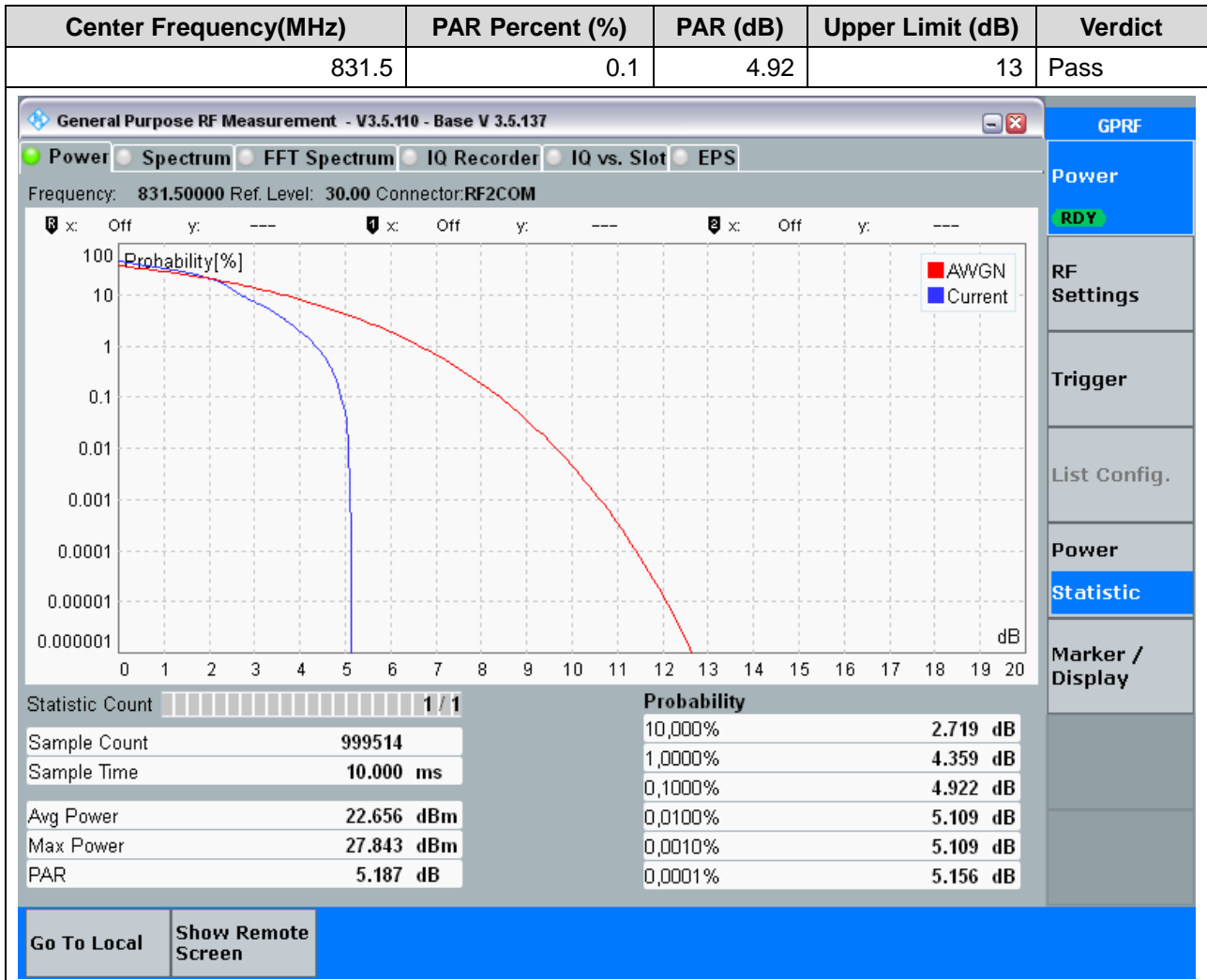
11.1. LTE Peak to Average Ratio(NTLV)(Subtest:1, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



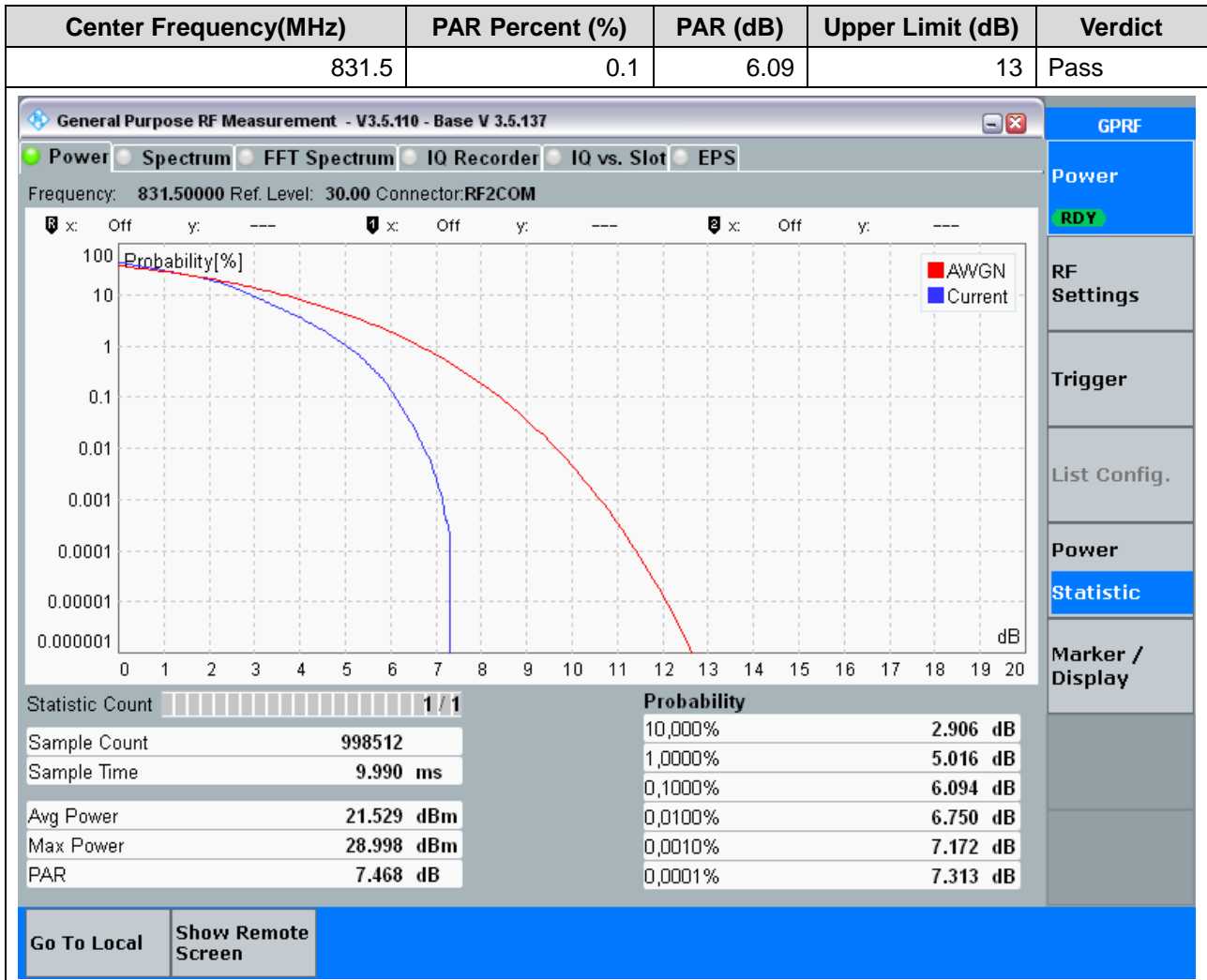
11.2. LTE Peak to Average Ratio(NTLV)(Subtest:2, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



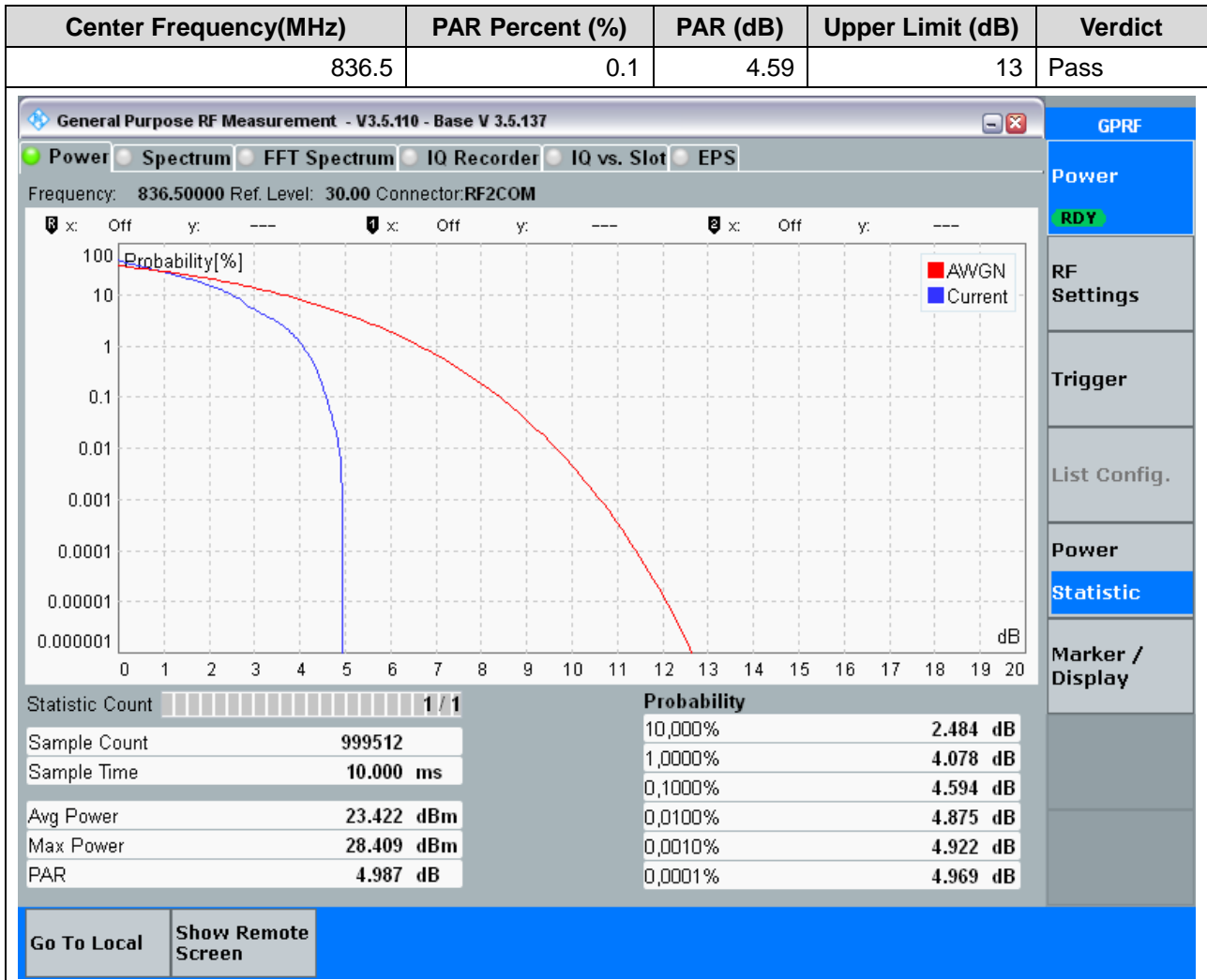
11.3. LTE Peak to Average Ratio(NTLV)(Subtest:3, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)



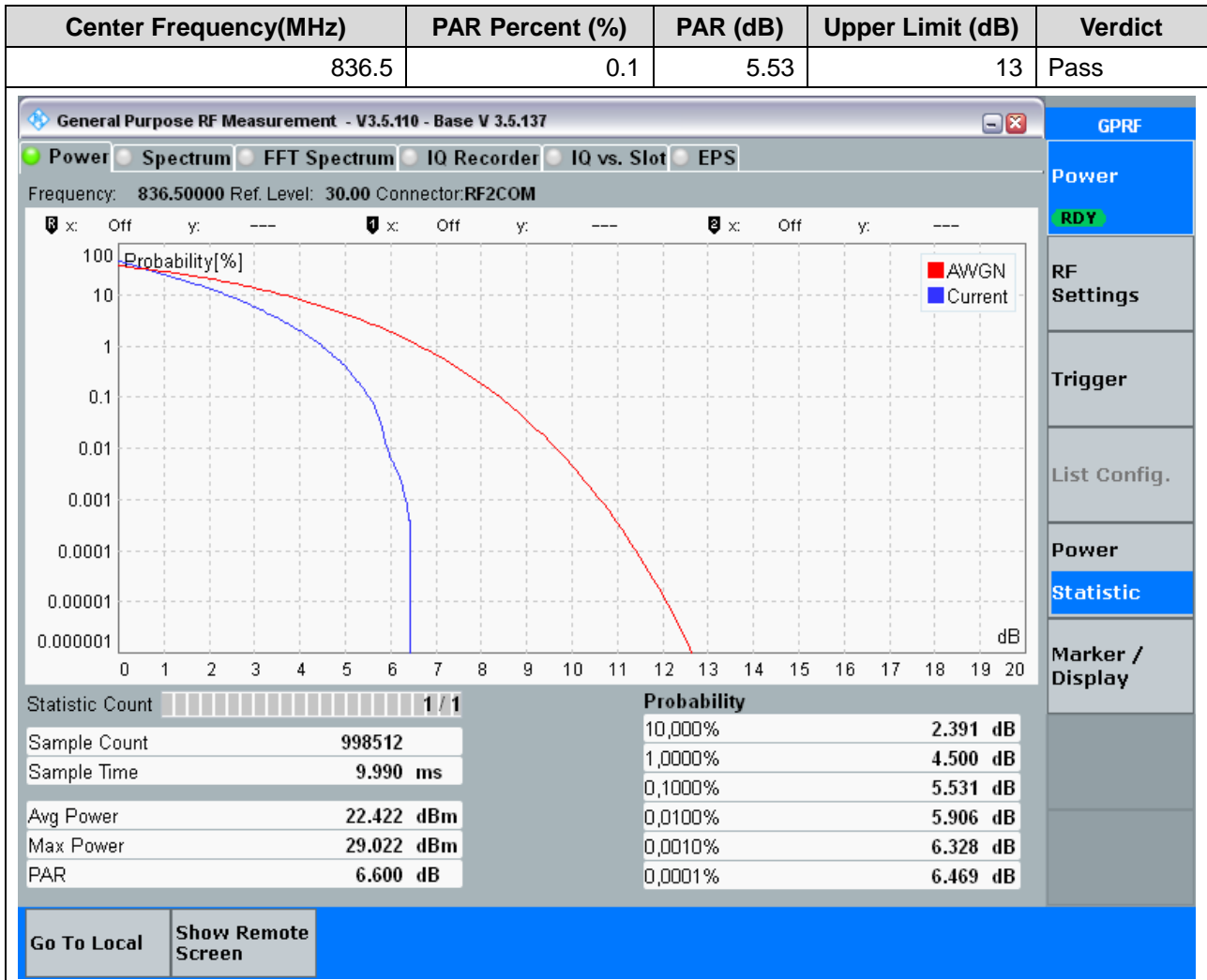
11.4. LTE Peak to Average Ratio(NTLV)(Subtest:4, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



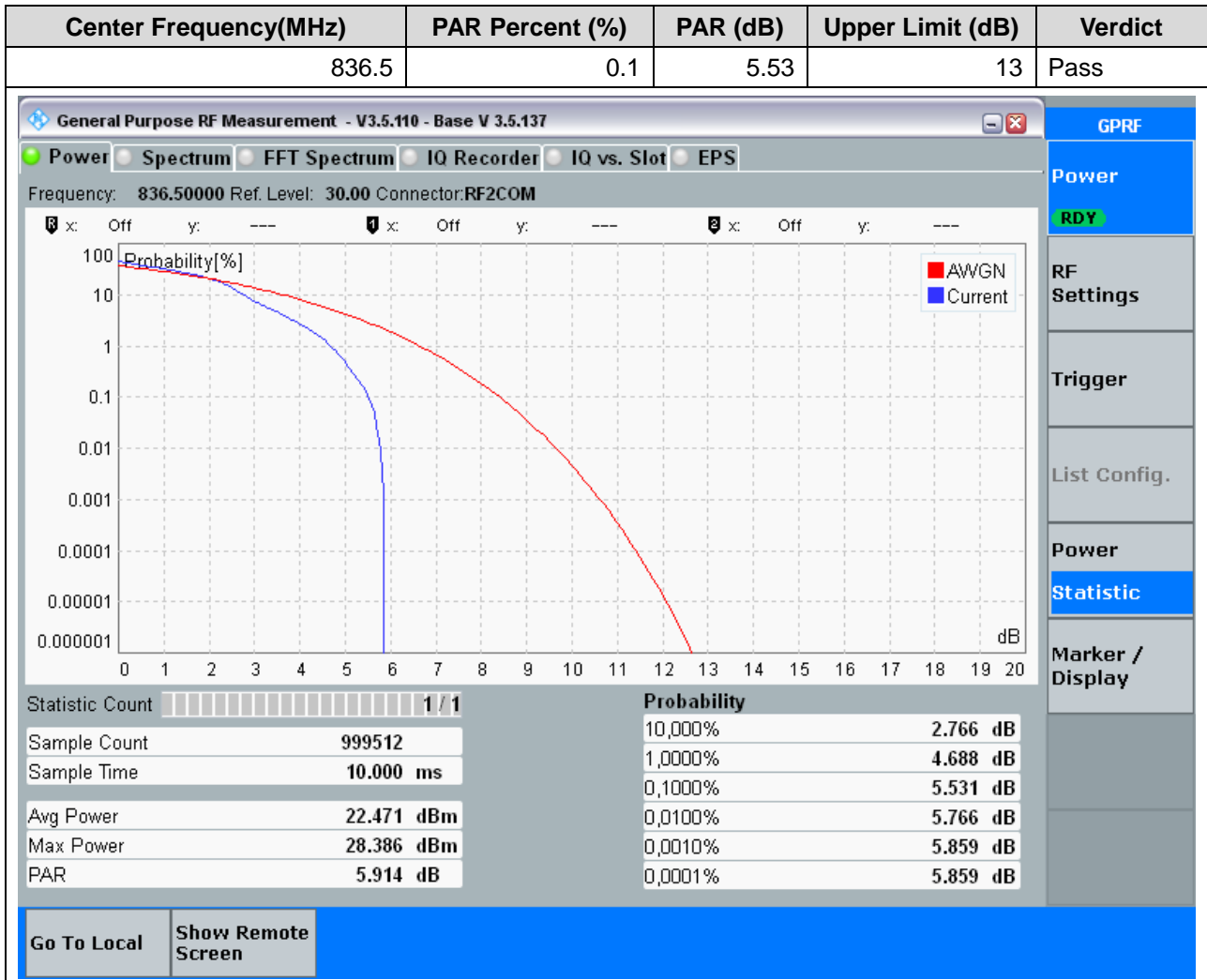
11.5. LTE Peak to Average Ratio(NTLV)(Subtest:5, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



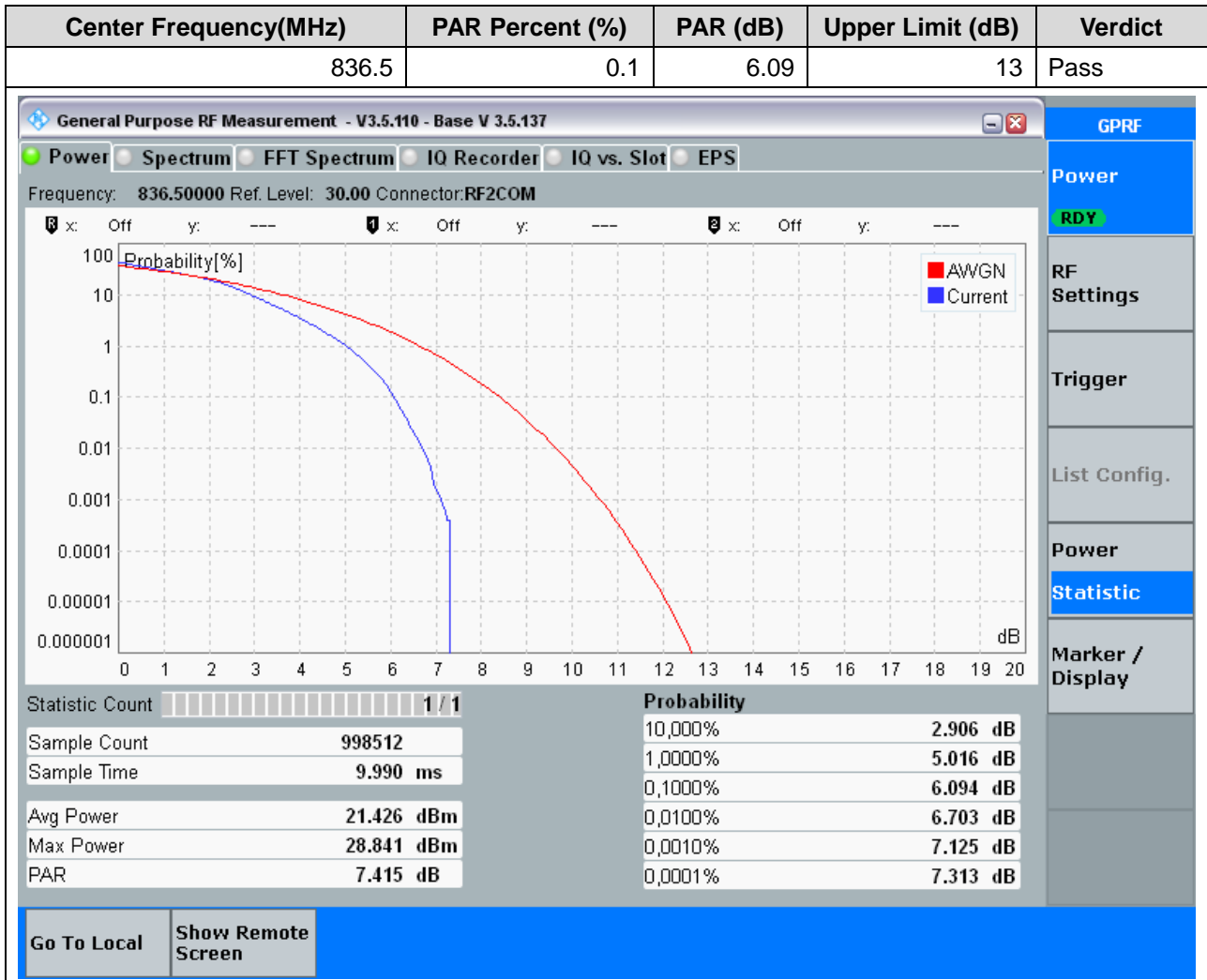
11.6. LTE Peak to Average Ratio(NTLV)(Subtest:6, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



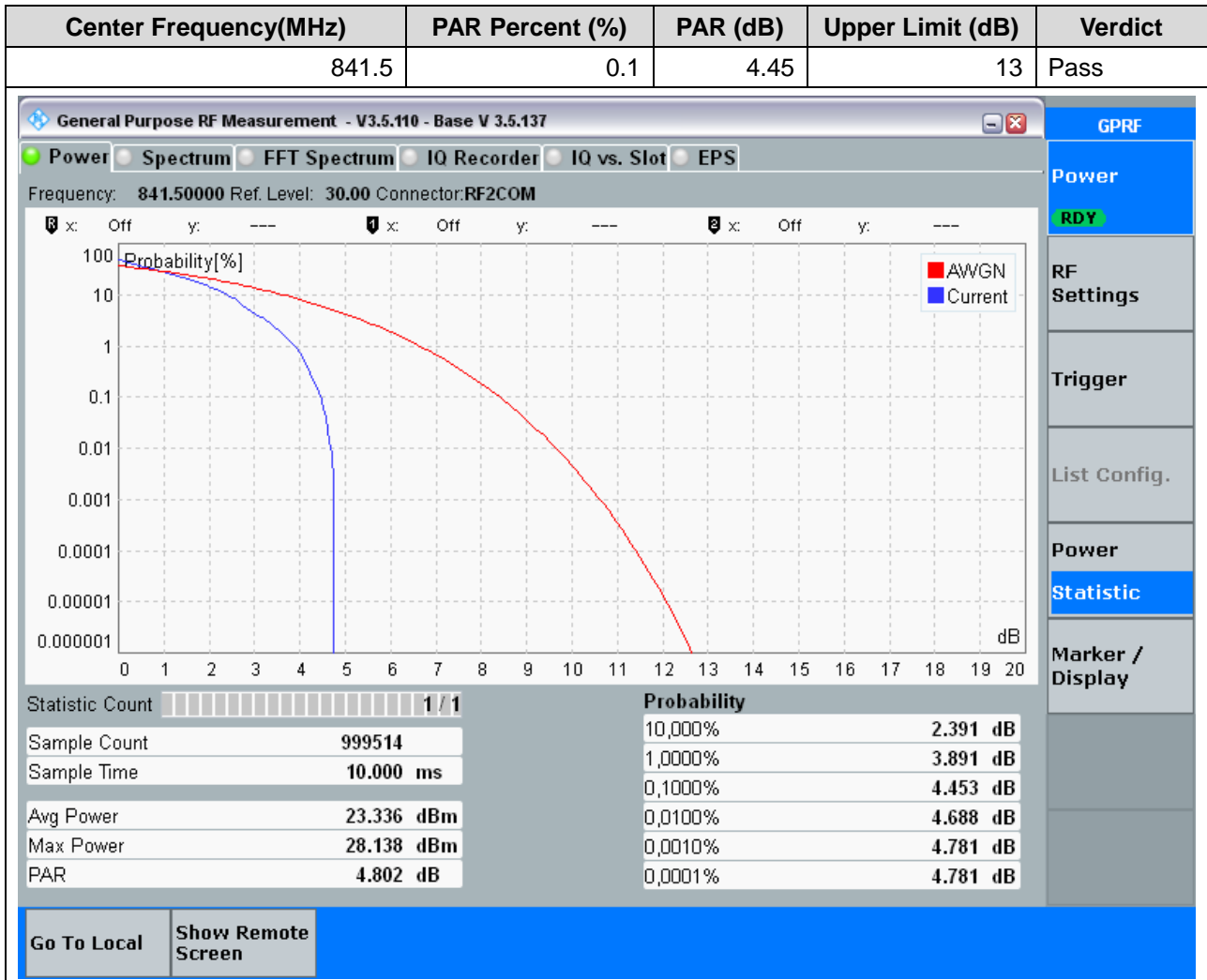
11.7. LTE Peak to Average Ratio(NTLV)(Subtest:7, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)



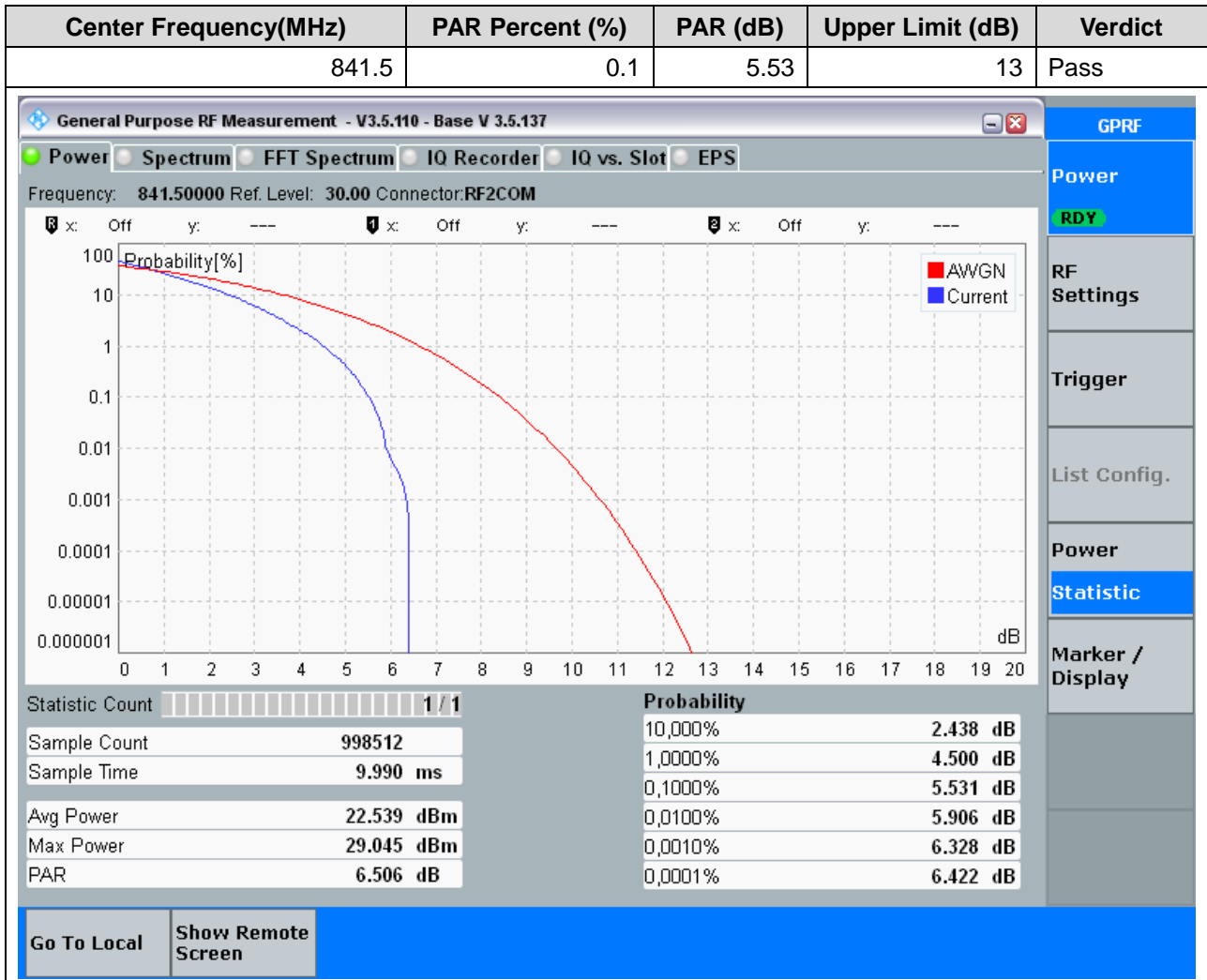
11.8. LTE Peak to Average Ratio(NTLV)(Subtest:8, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



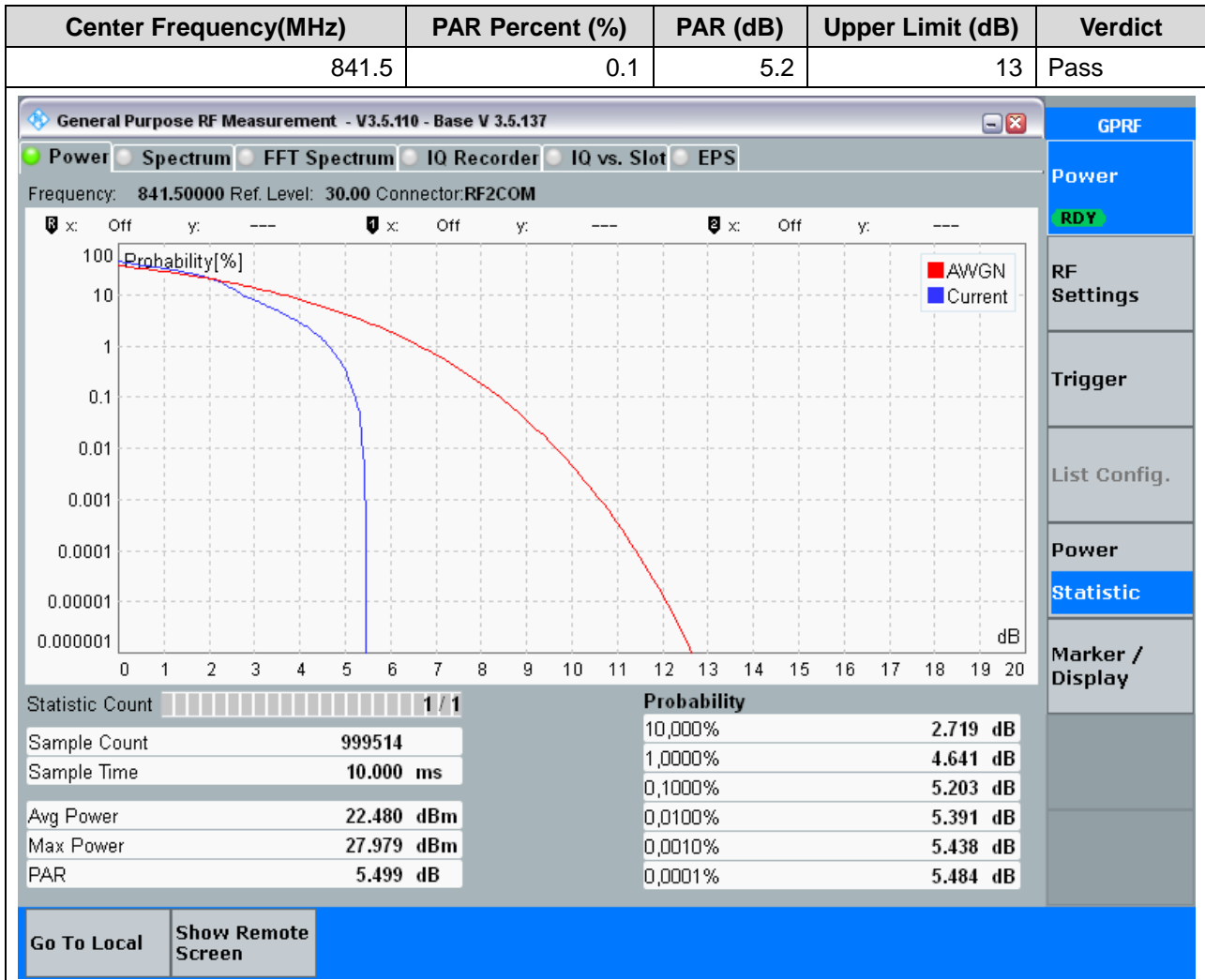
11.9. LTE Peak to Average Ratio(NTLV)(Subtest:9, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



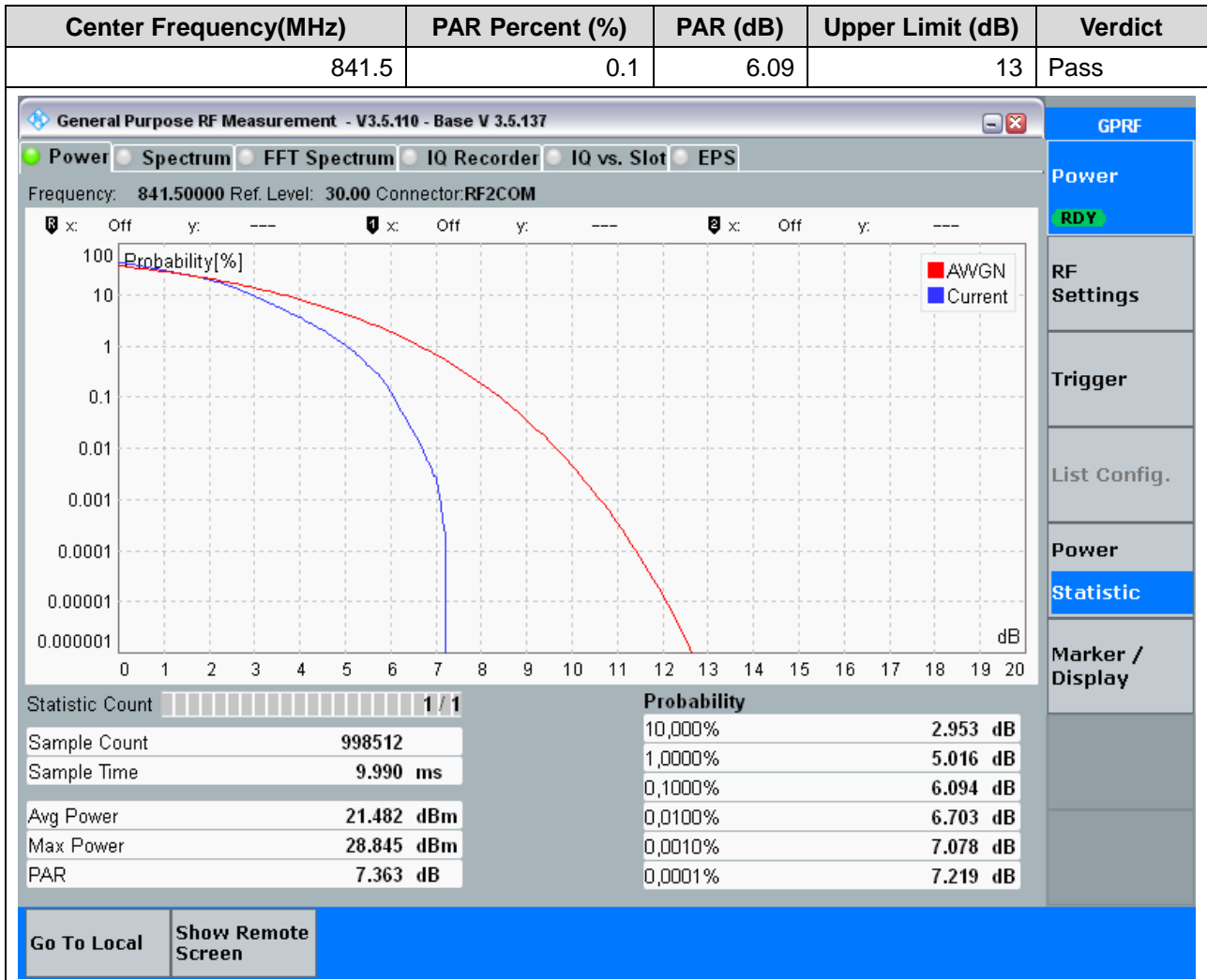
11.10. LTE Peak to Average Ratio(NTLV)(Subtest:10, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



11.11. LTE Peak to Average Ratio(NTLV)(Subtest:11, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

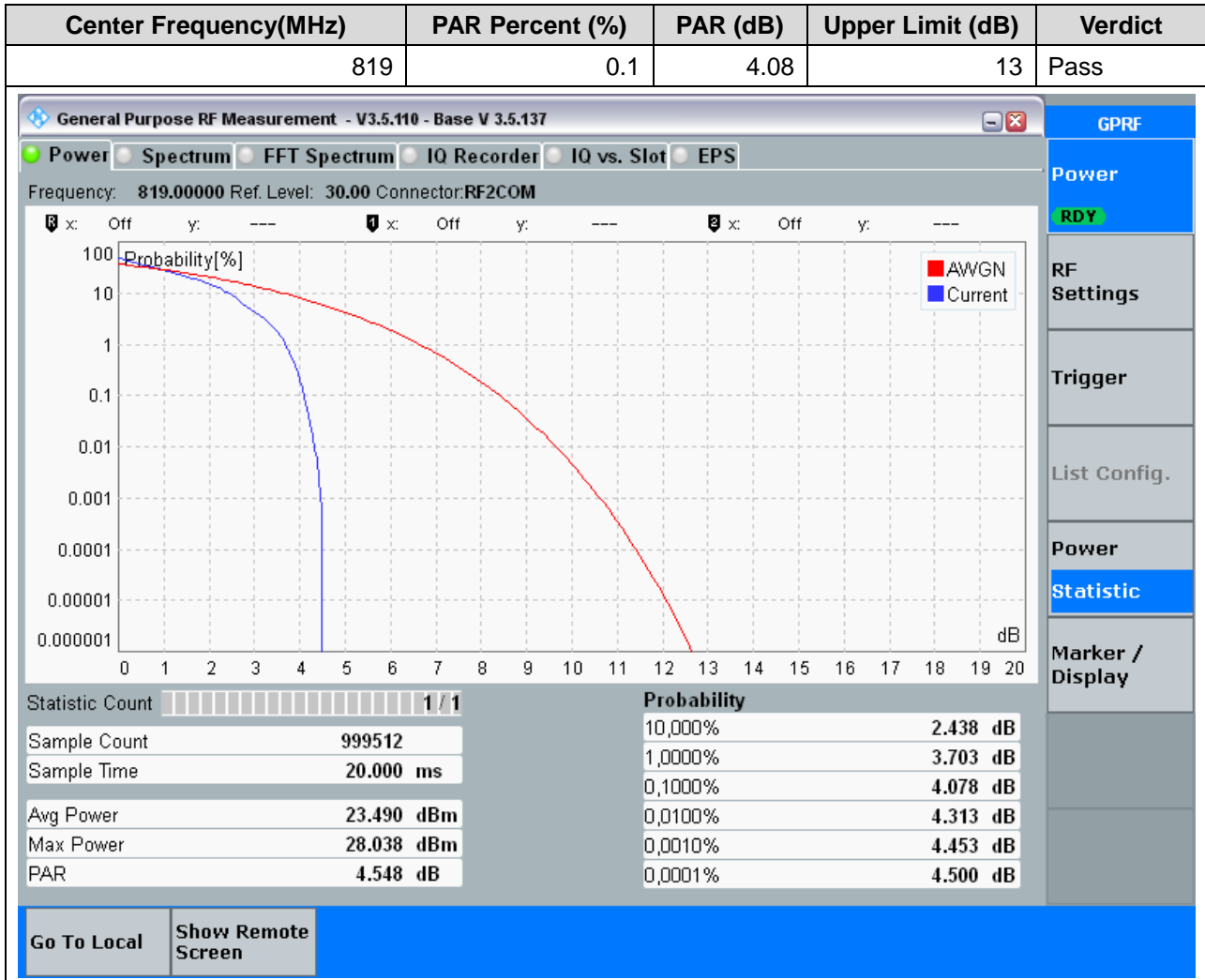


11.12. LTE Peak to Average Ratio(NTLV)(Subtest:12, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

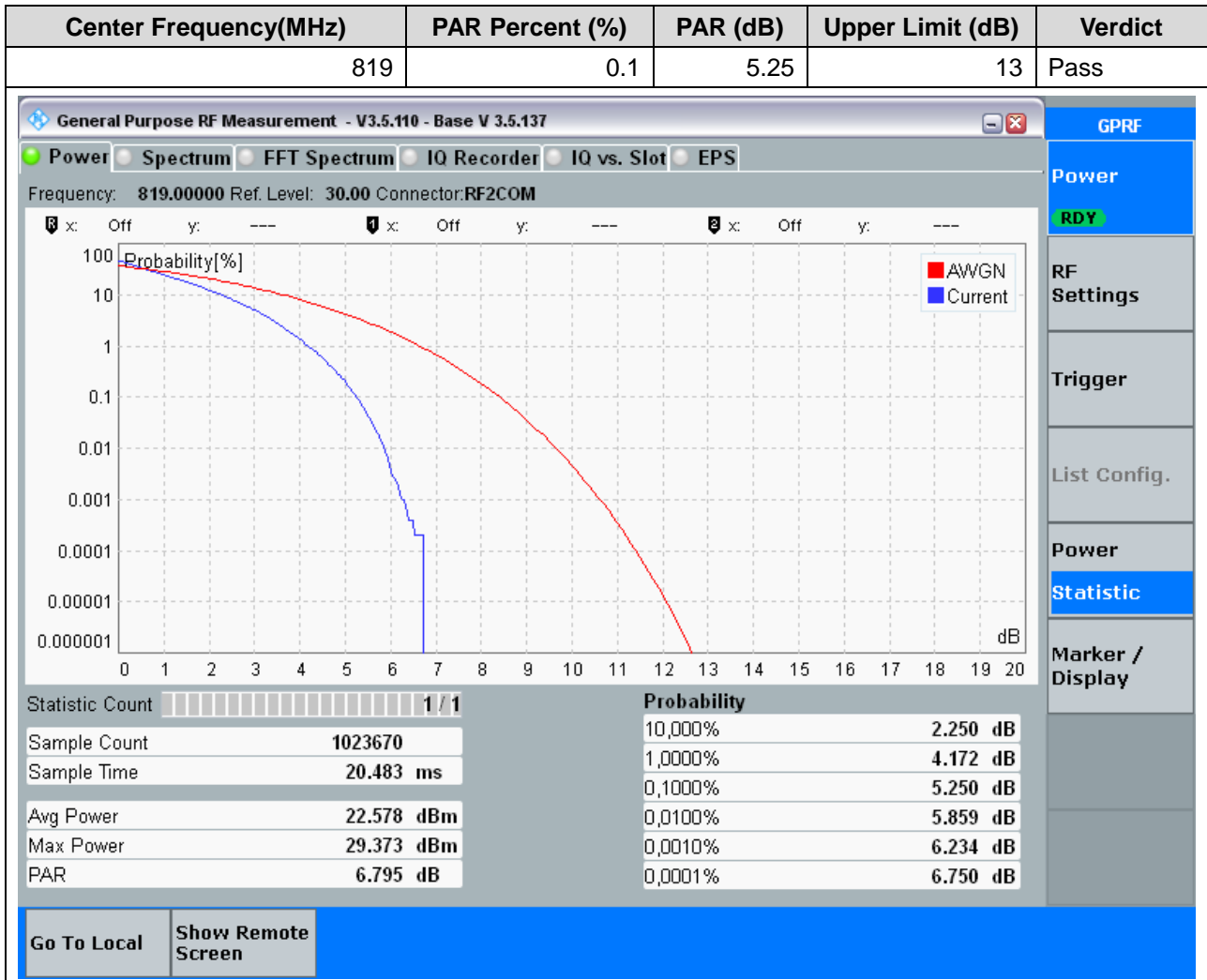


12. LTE_Band26(part90)

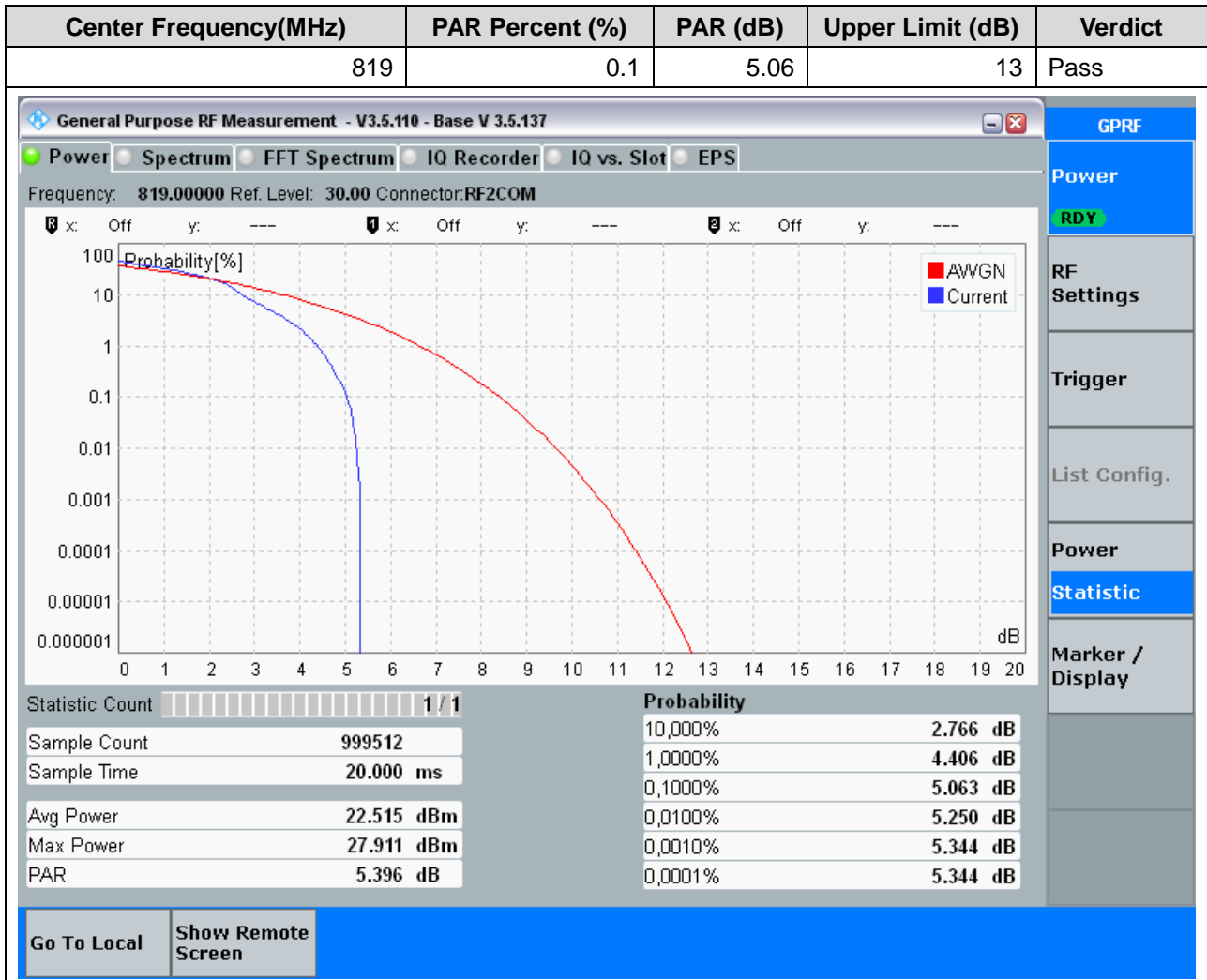
12.1. LTE Peak to Average Ratio(NTLV)(Subtest:1, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



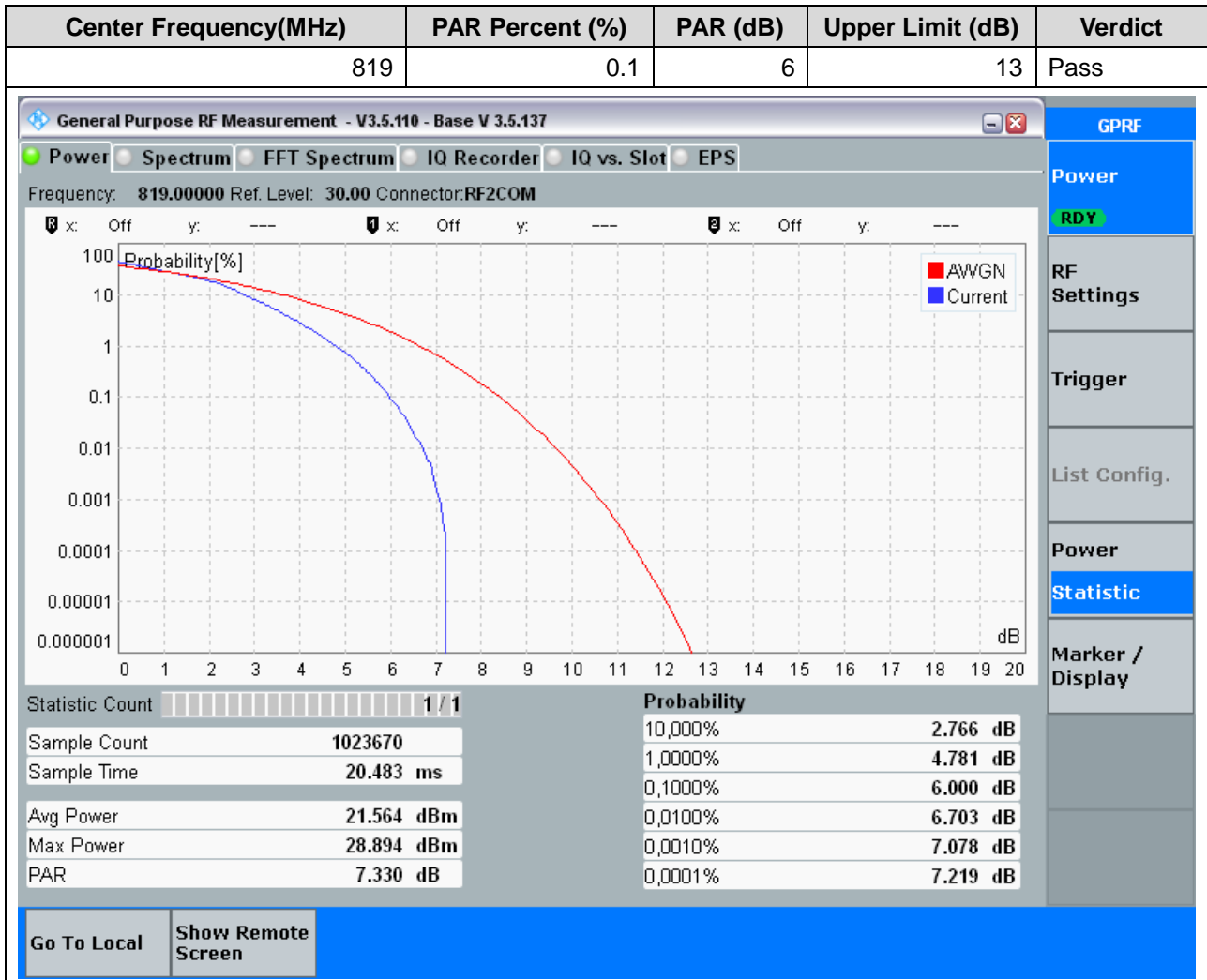
12.2. LTE Peak to Average Ratio(NTLV)(Subtest:2, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



12.3. LTE Peak to Average Ratio(NTLV)(Subtest:3, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



12.4. LTE Peak to Average Ratio(NTLV)(Subtest:4, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



13. LTE_Band38

13.1. LTE Peak to Average Ratio(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	9.23	13	Pass

General Purpose RF Measurement - V3.5.110 - Base V 3.5.137
 Frequency: 2580.00000 Ref. Level: 30.00 Connector:RF2COM

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

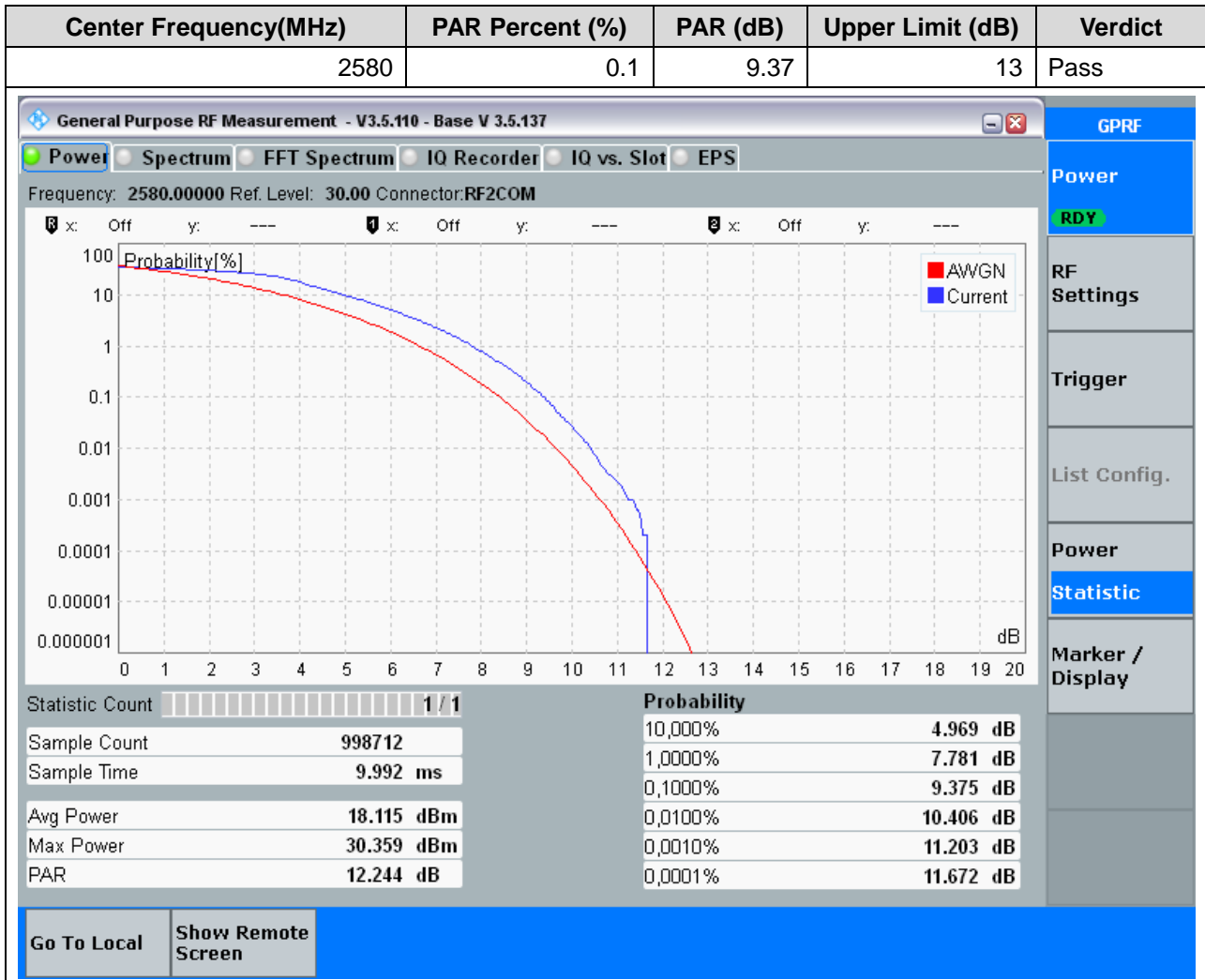
x: Off y: --- x: Off y: --- x: Off y: ---

Legend: ■ AWGN ■ Current

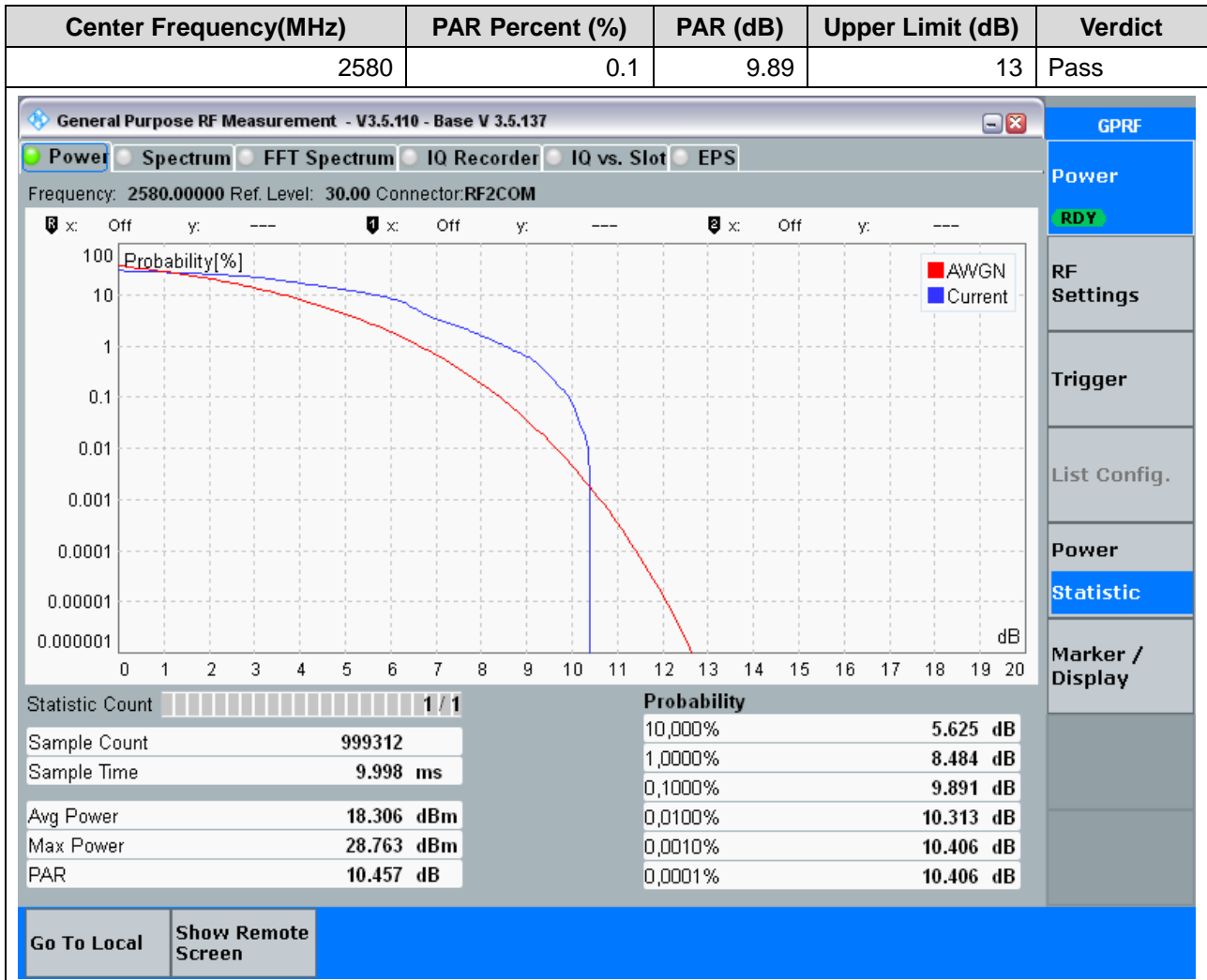
Statistic Count	Probability	
Sample Count: 999512	10,000%	5.109 dB
Sample Time: 10.000 ms	1,0000%	7.875 dB
Avg Power: 19.104 dBm	0,1000%	9.234 dB
Max Power: 29.261 dBm	0,0100%	9.984 dB
PAR: 10.158 dB	0,0010%	10.078 dB
	0,0001%	10.125 dB

Go To Local
Show Remote Screen

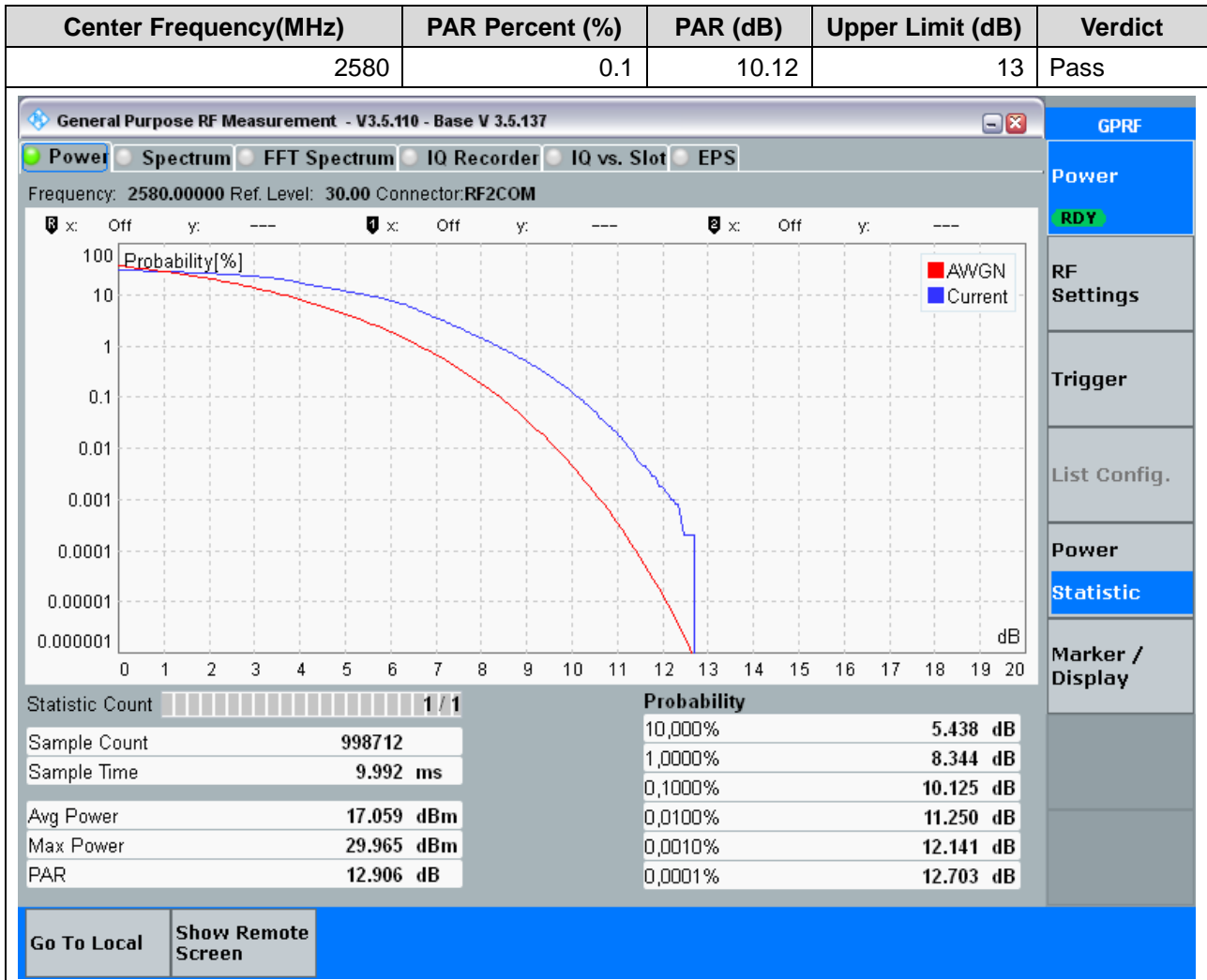
13.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



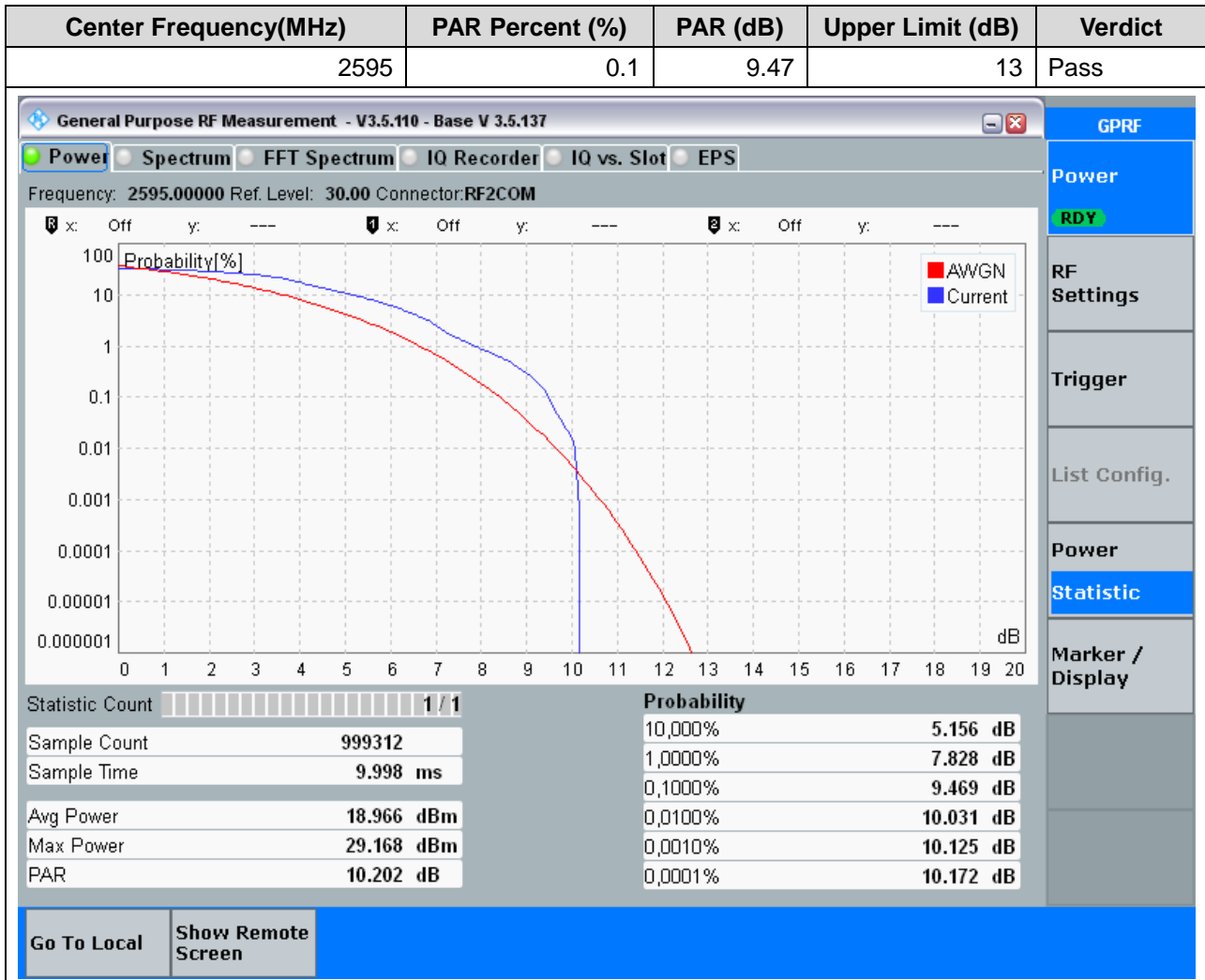
13.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



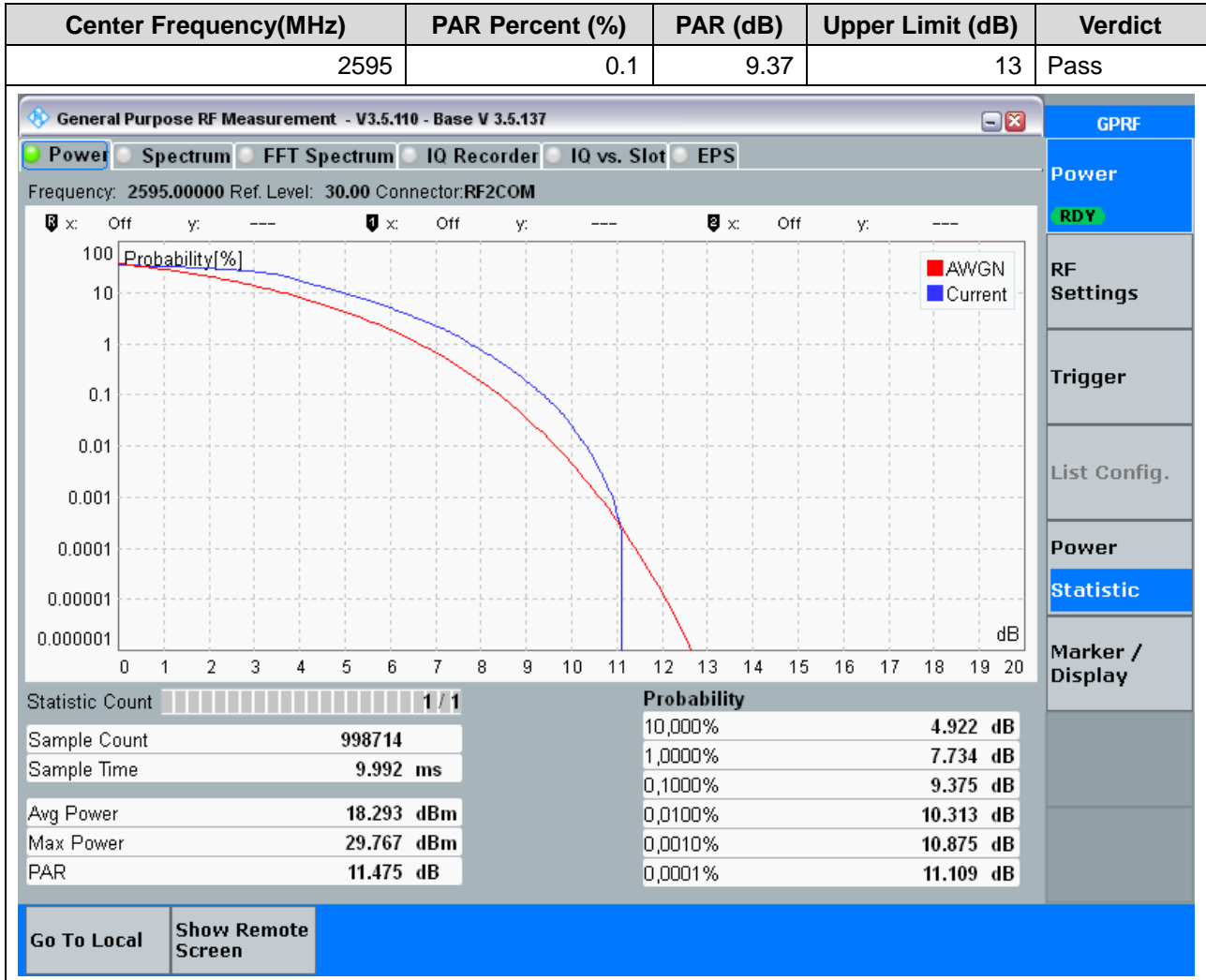
13.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



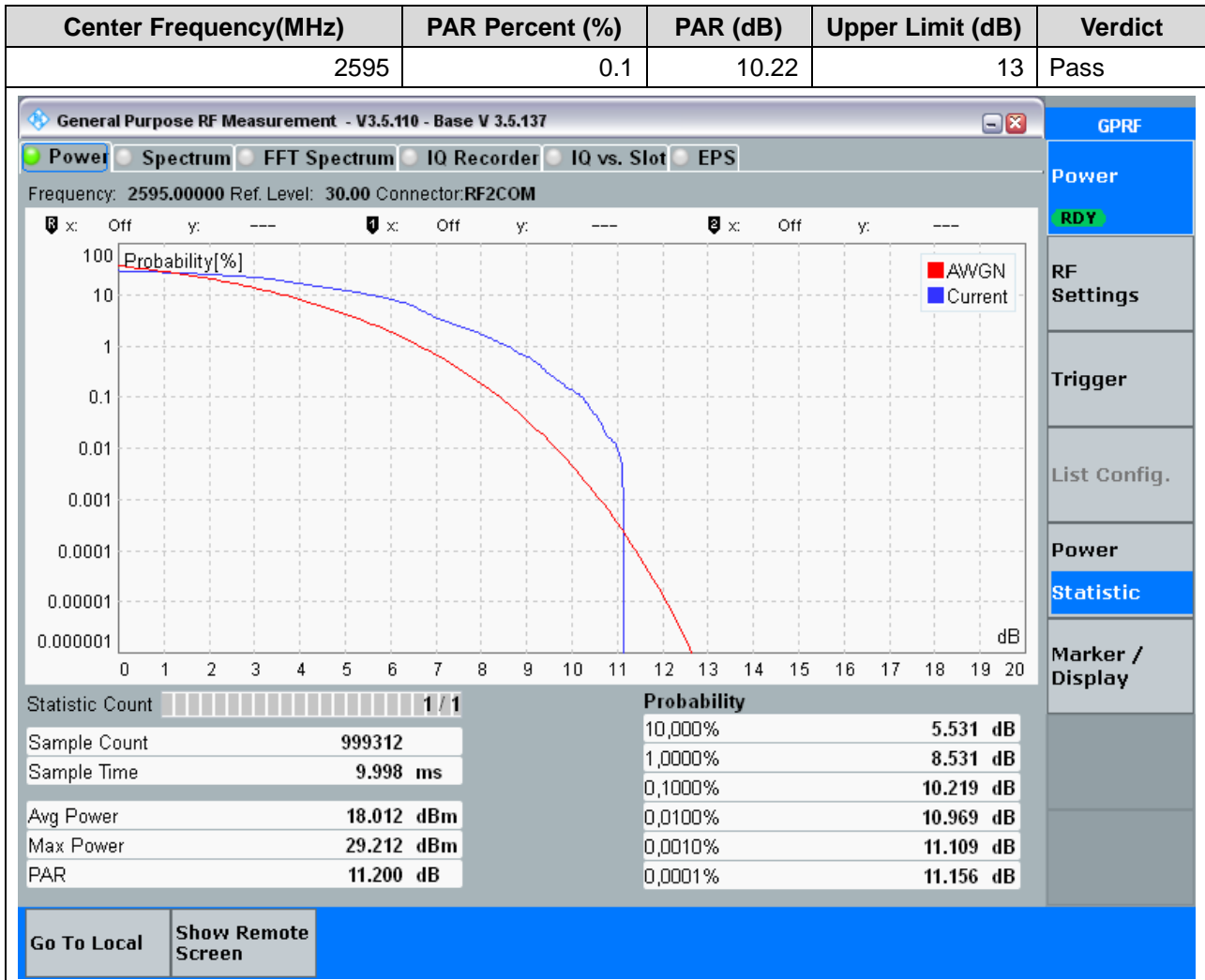
13.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



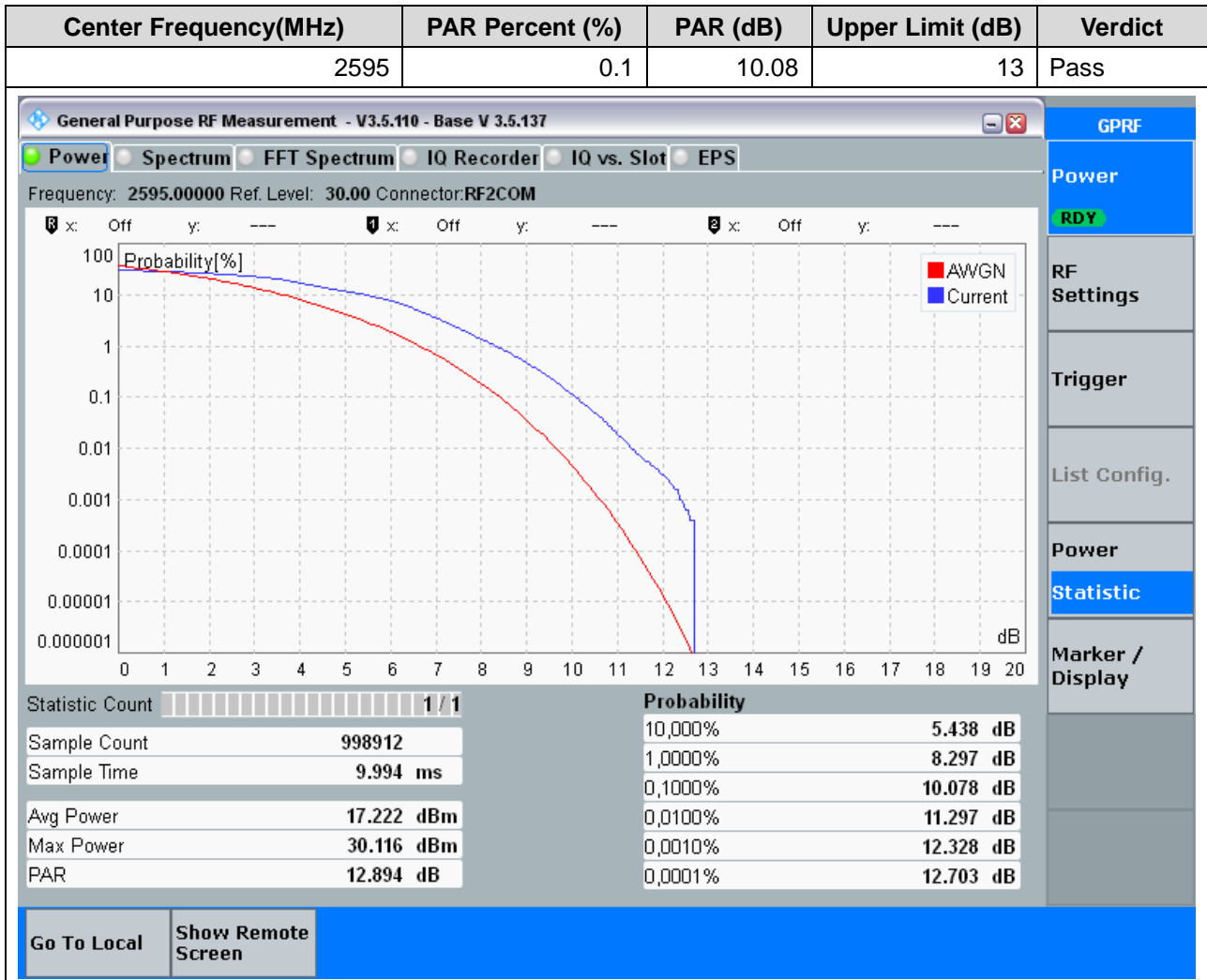
13.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



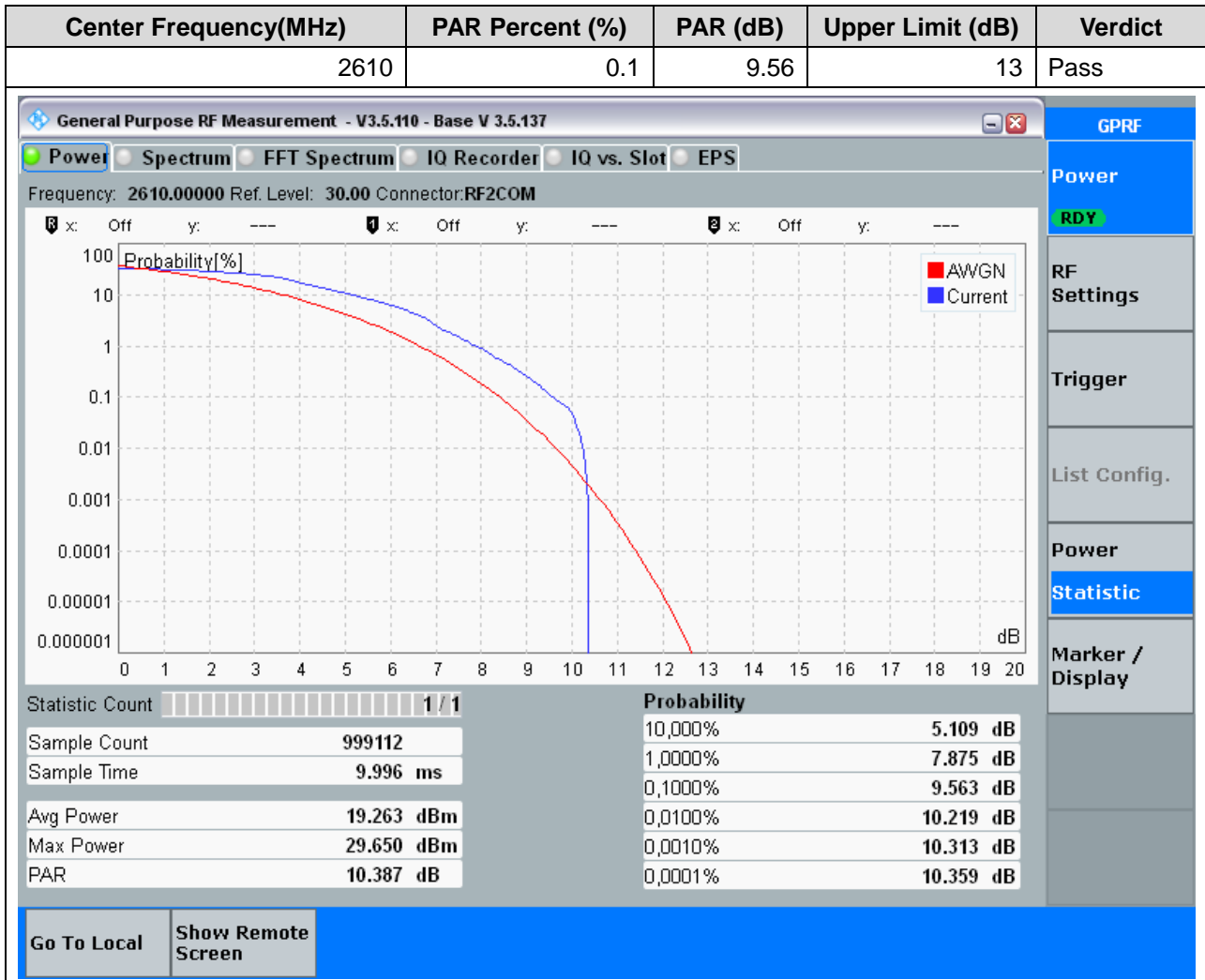
13.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



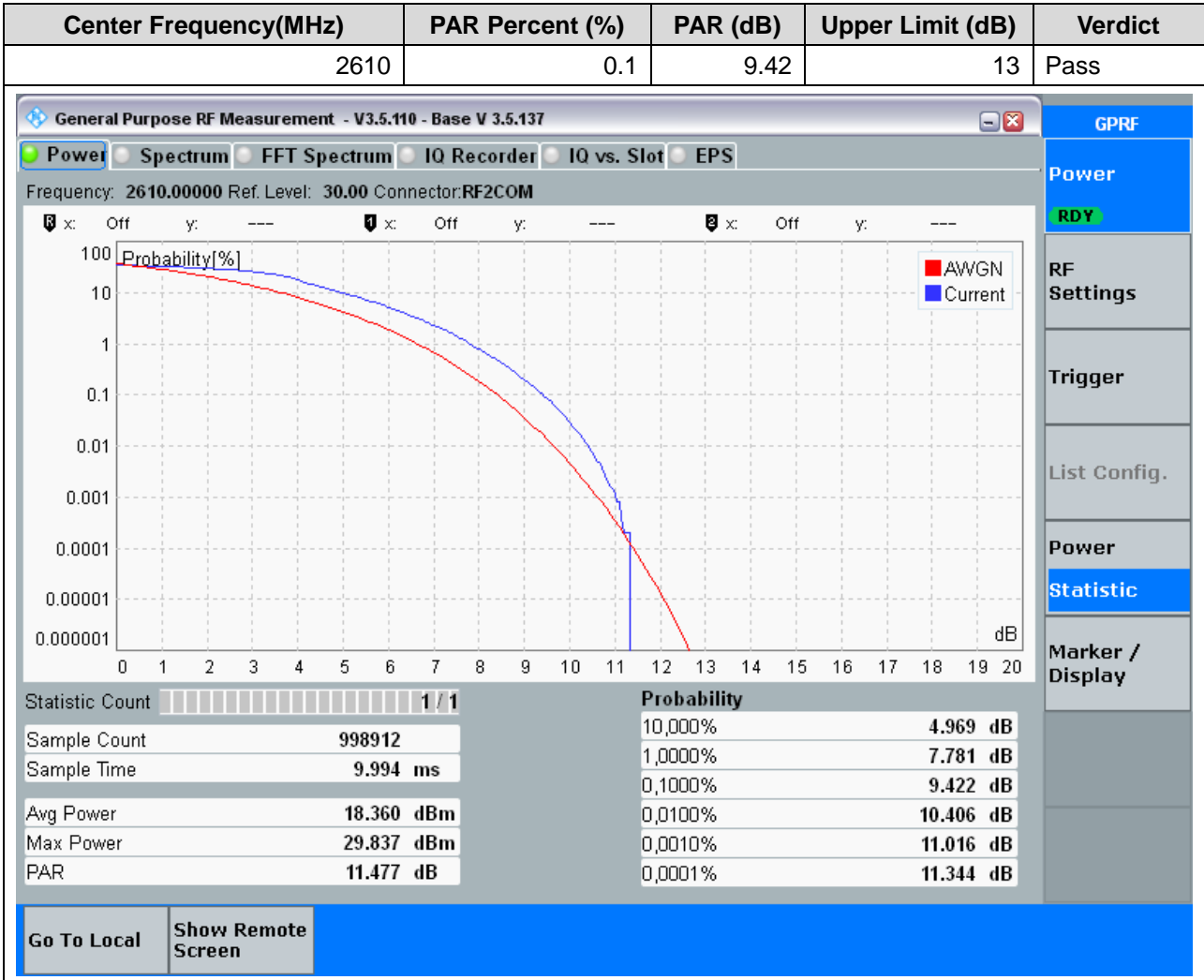
13.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



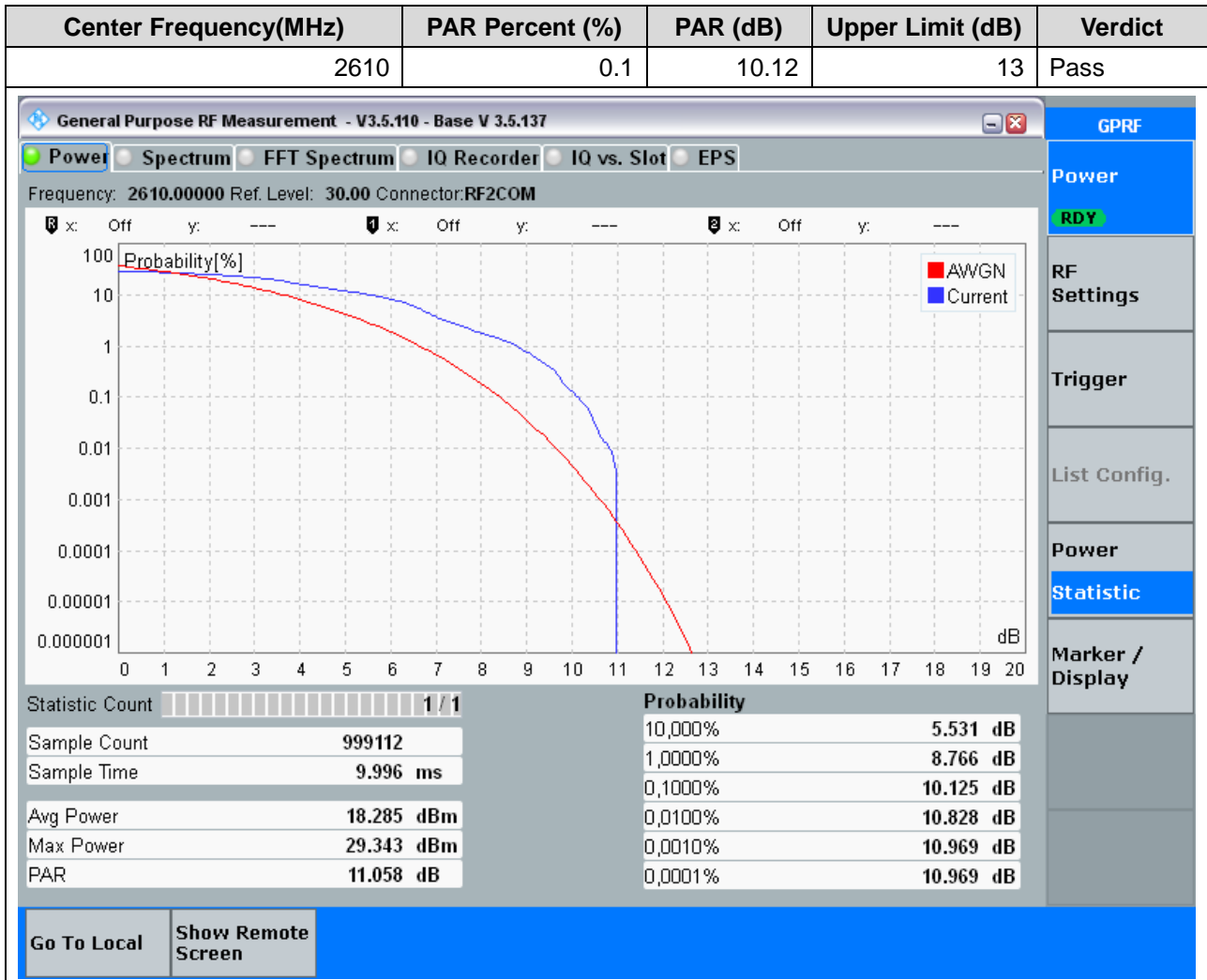
13.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



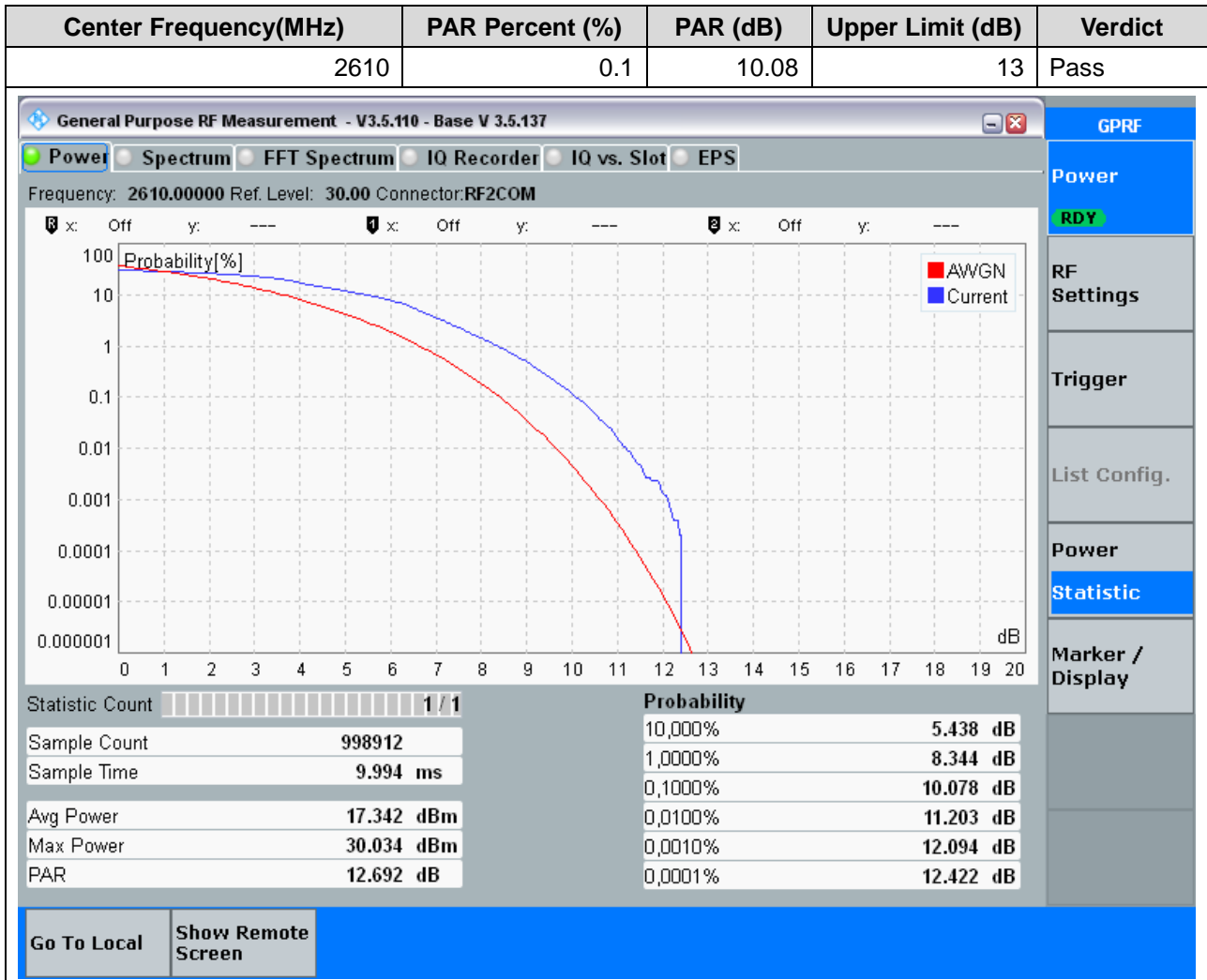
13.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



13.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

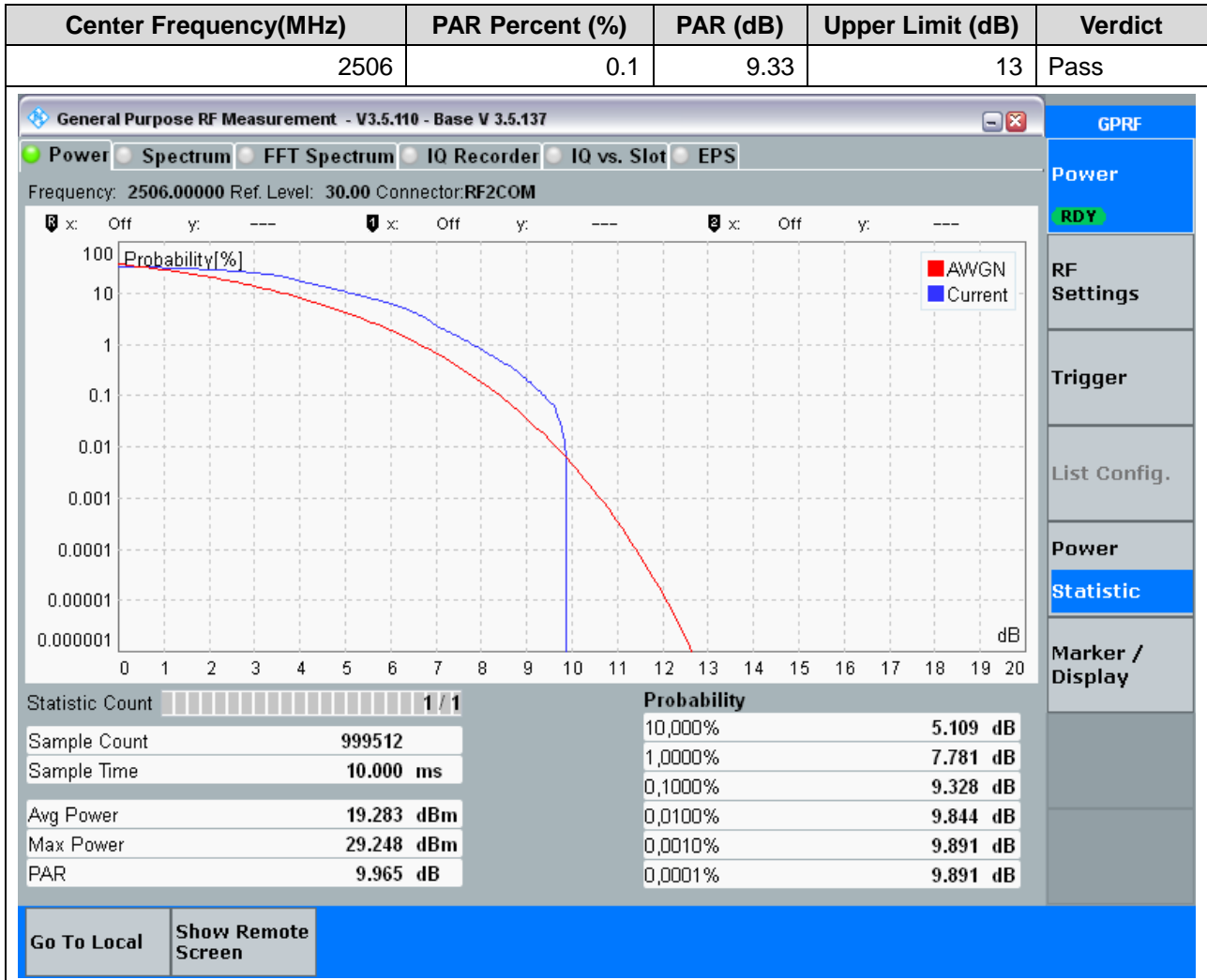


13.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

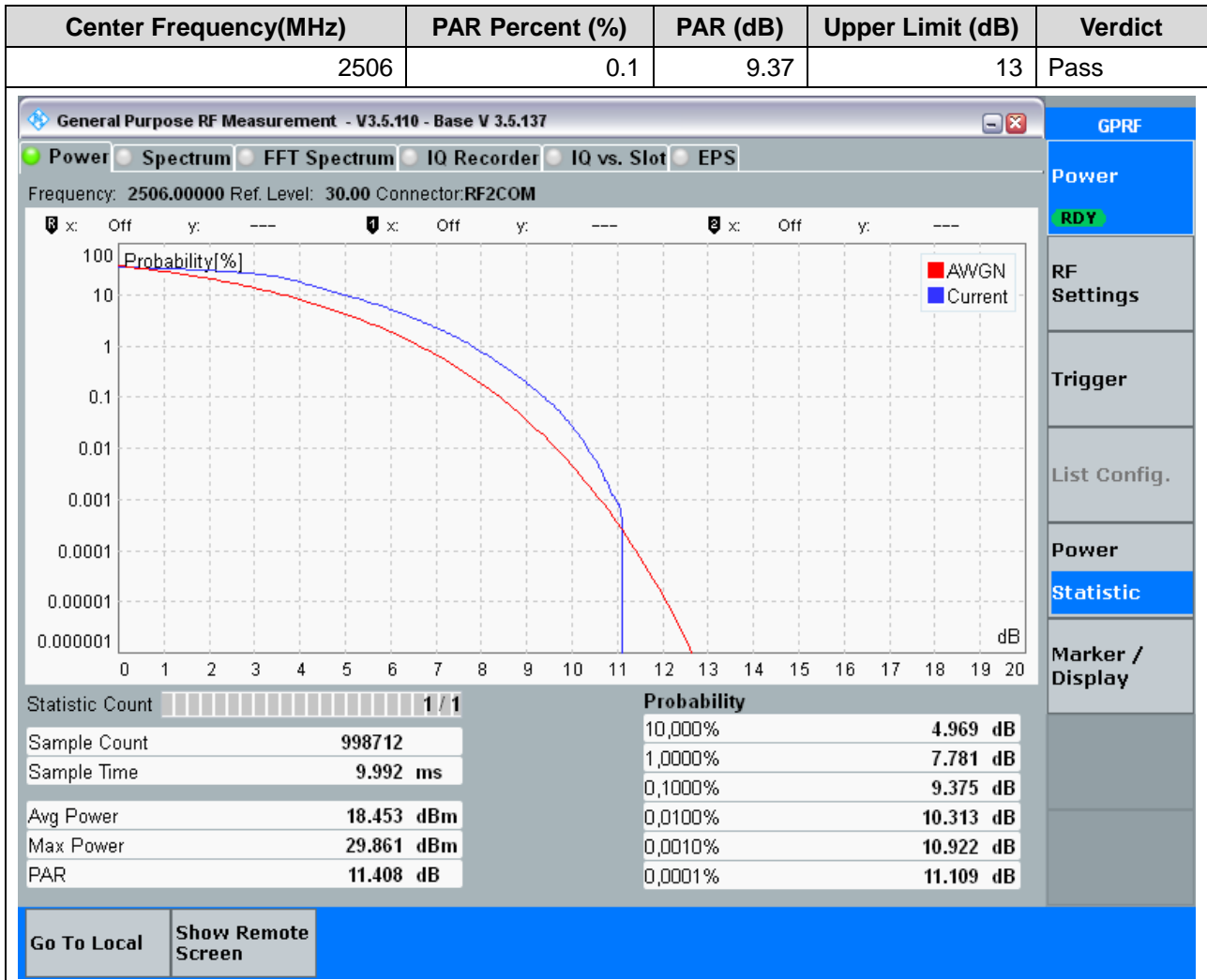


14. LTE_Band41 full

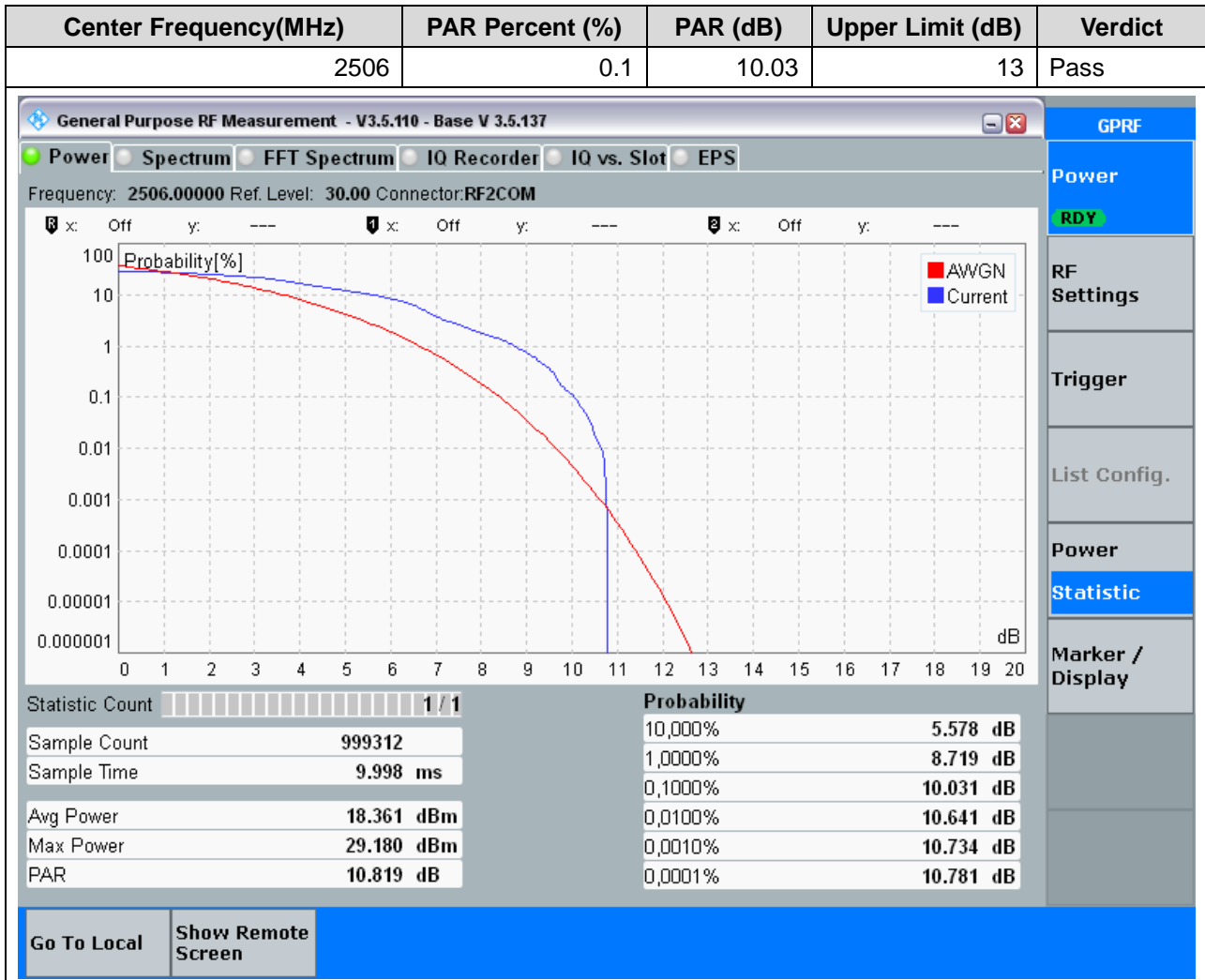
14.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



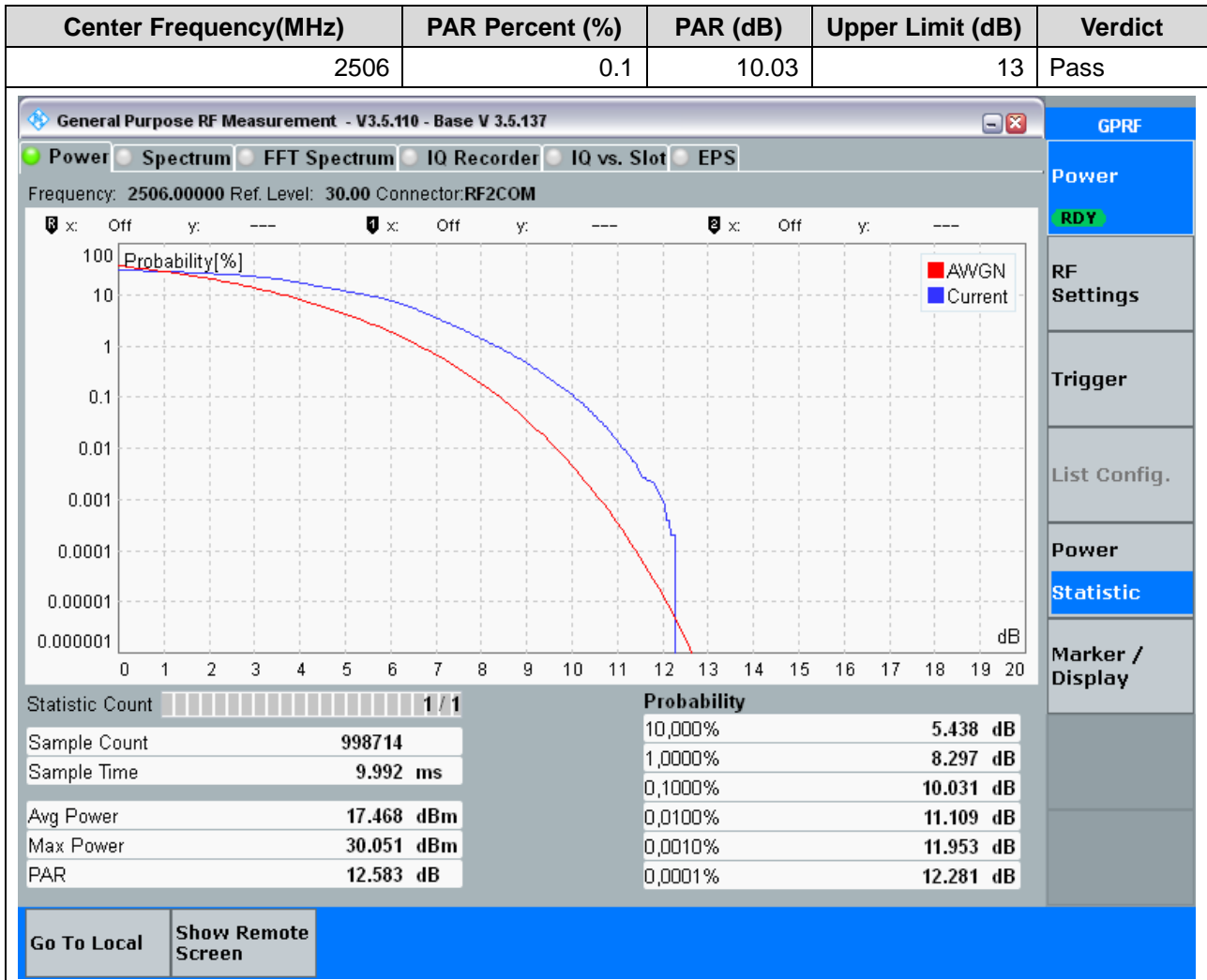
14.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



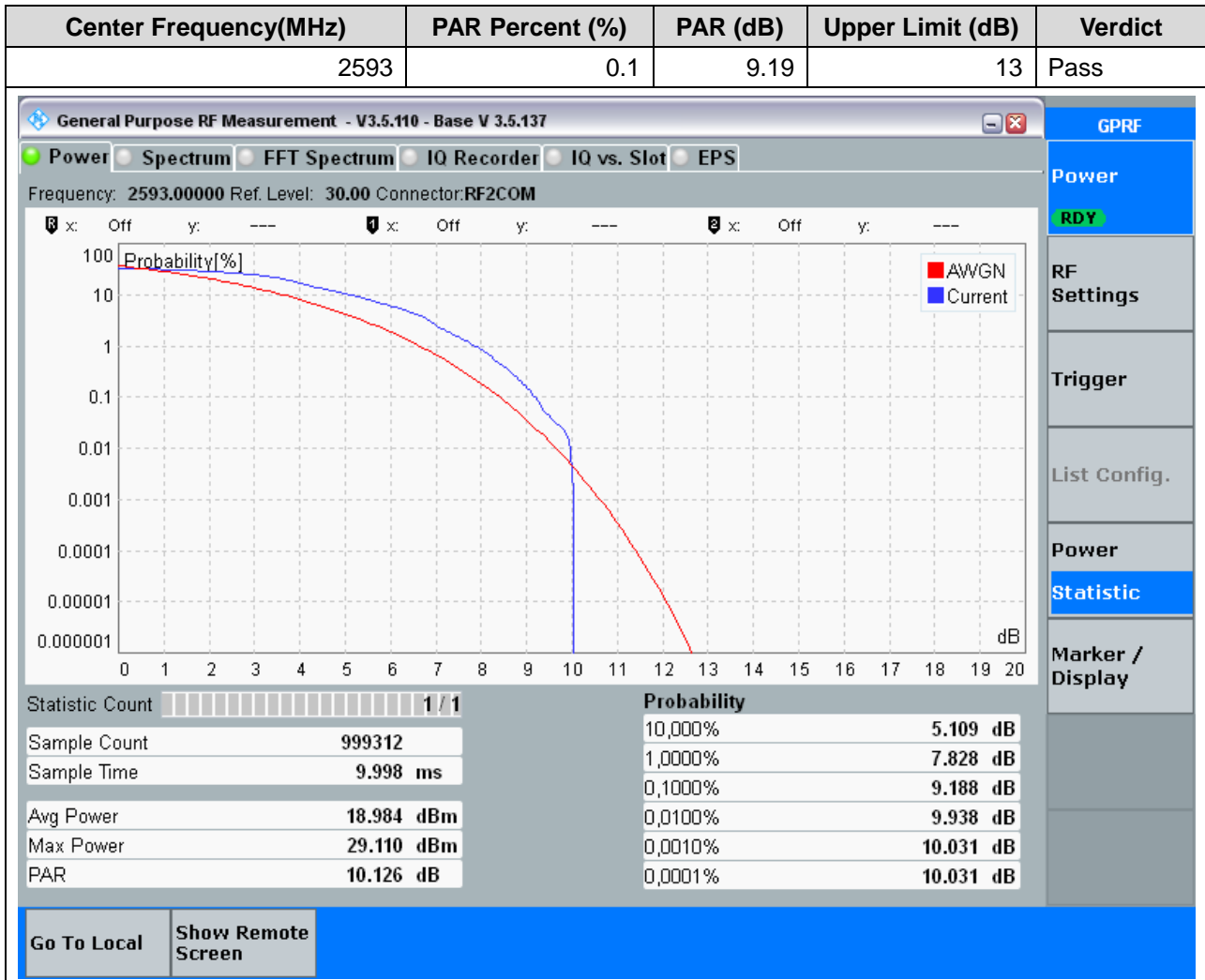
14.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



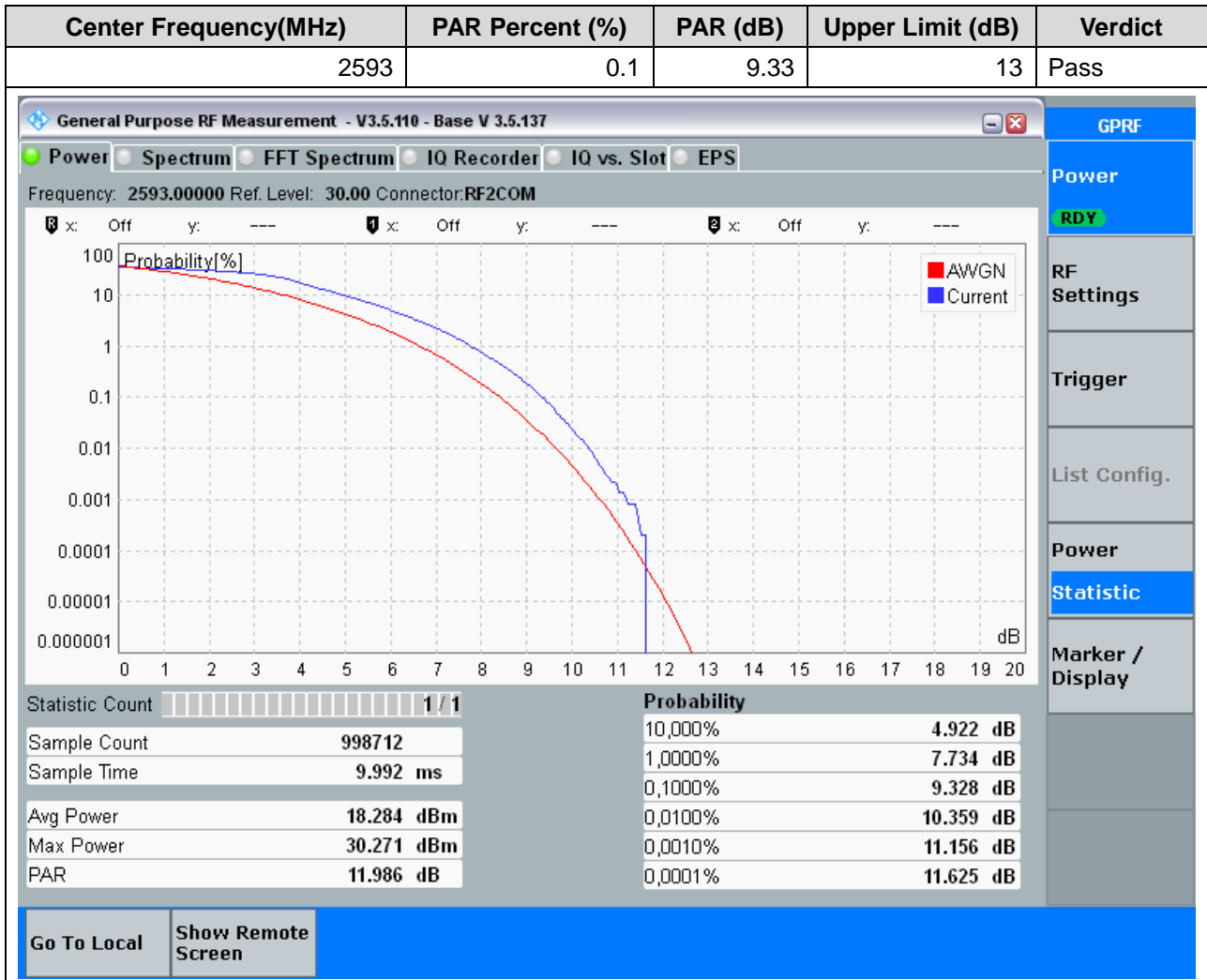
14.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



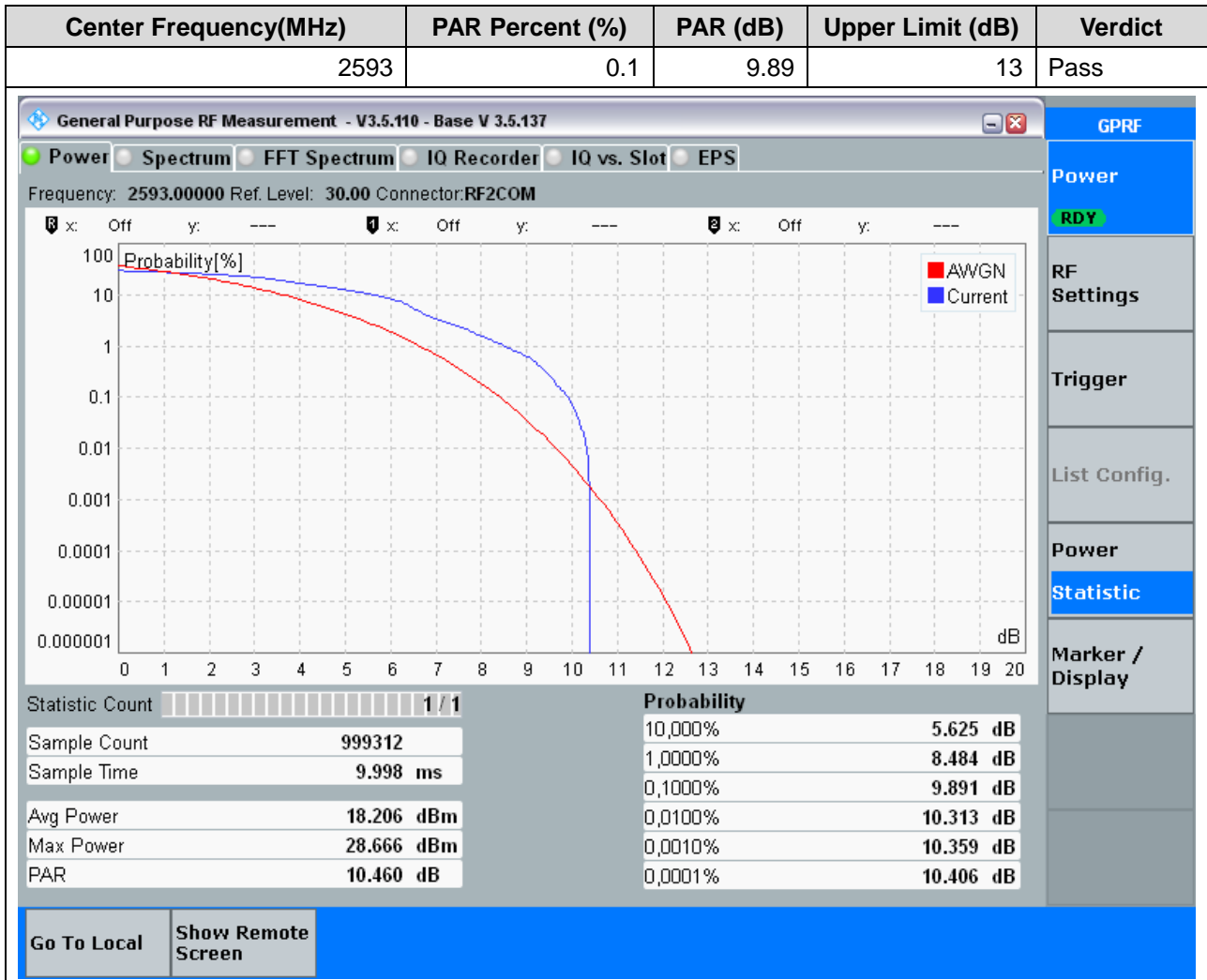
14.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



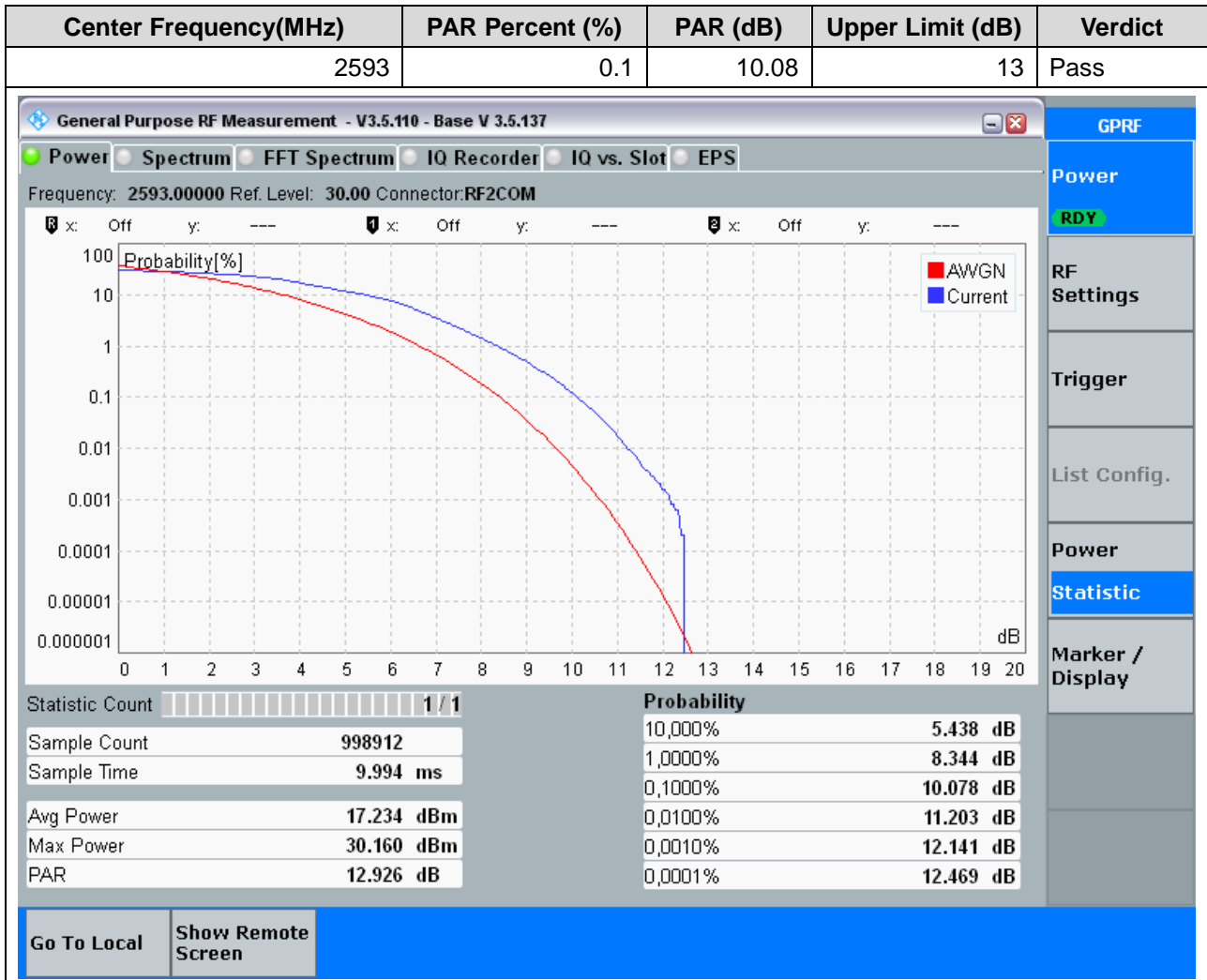
14.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



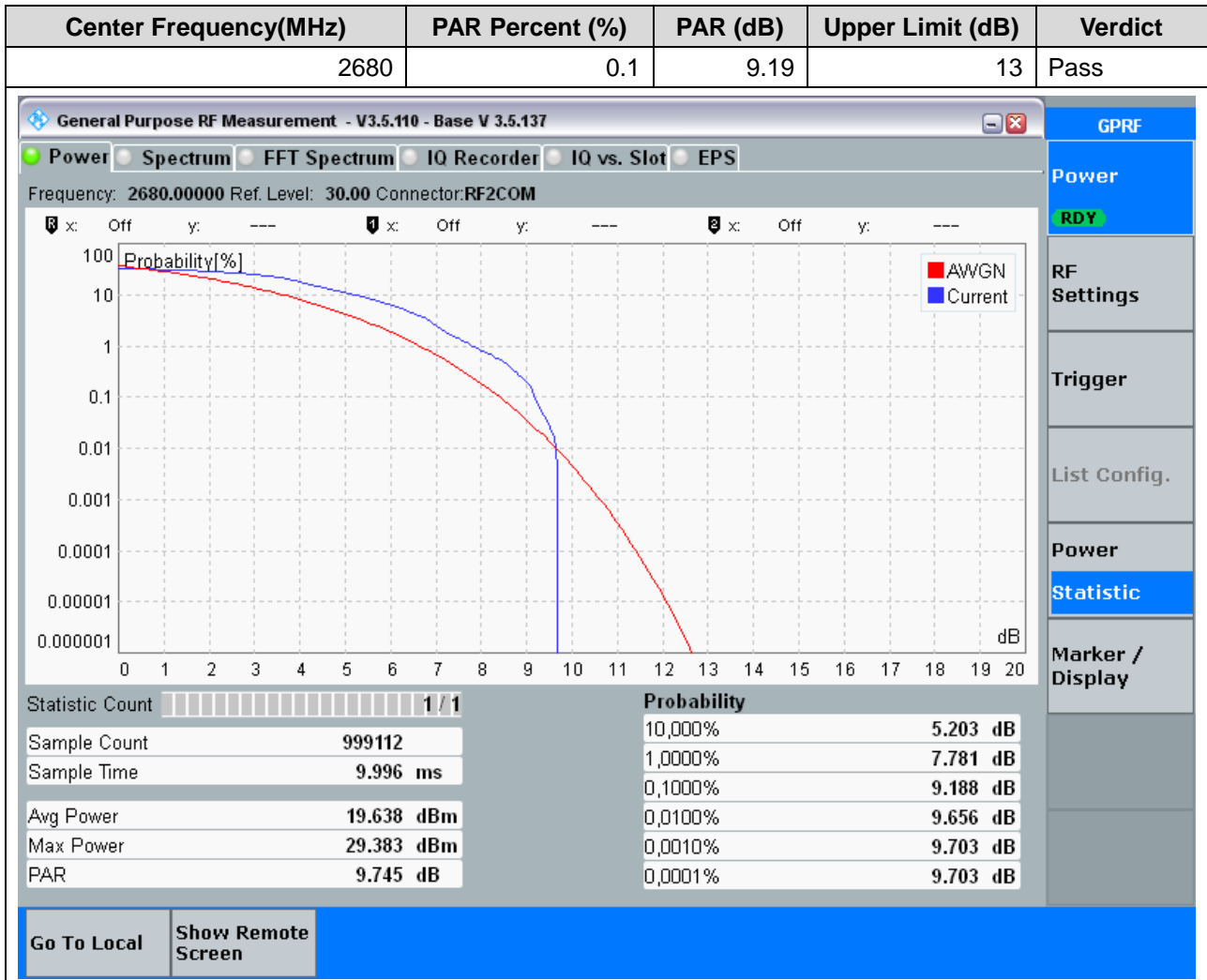
14.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



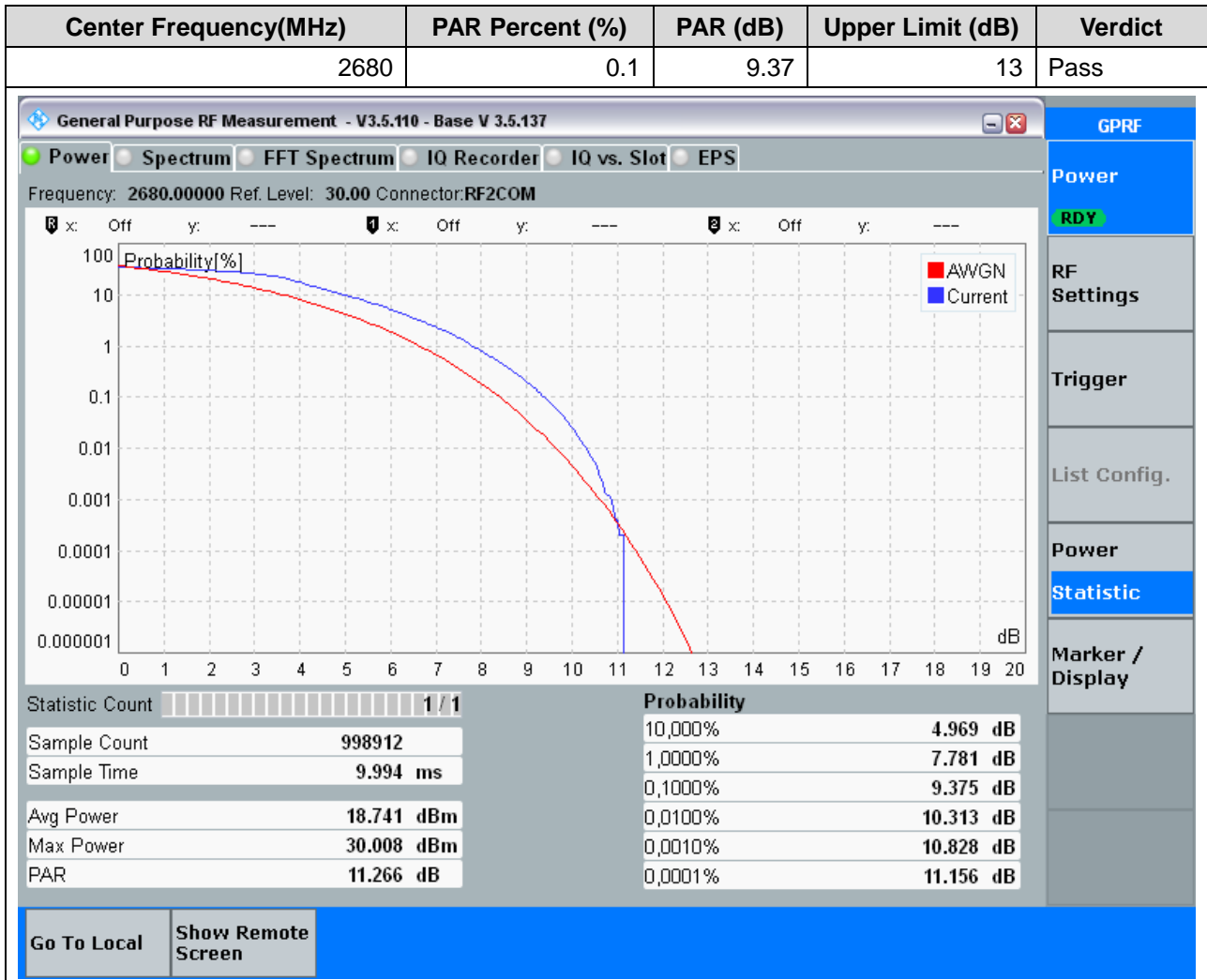
14.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



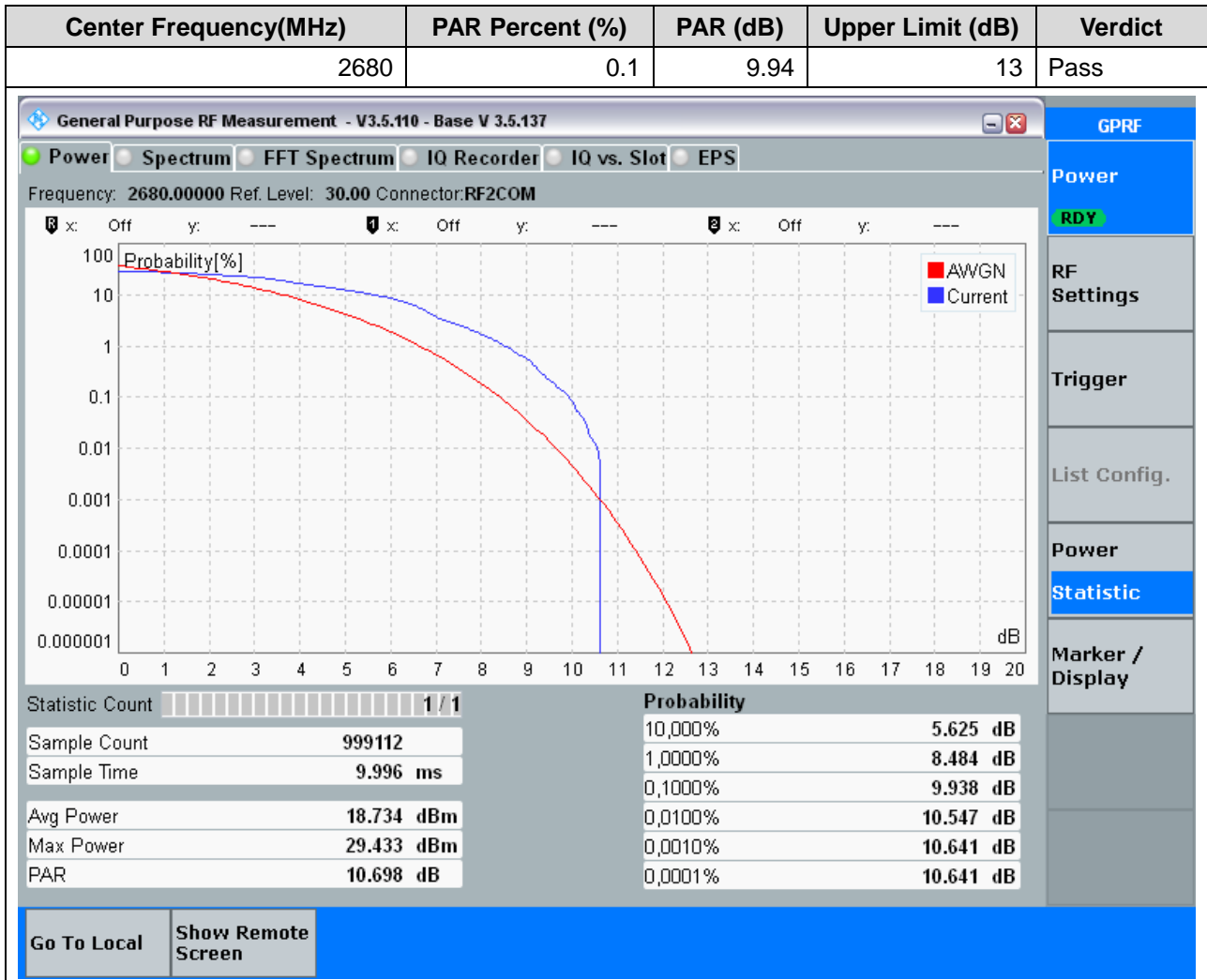
14.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



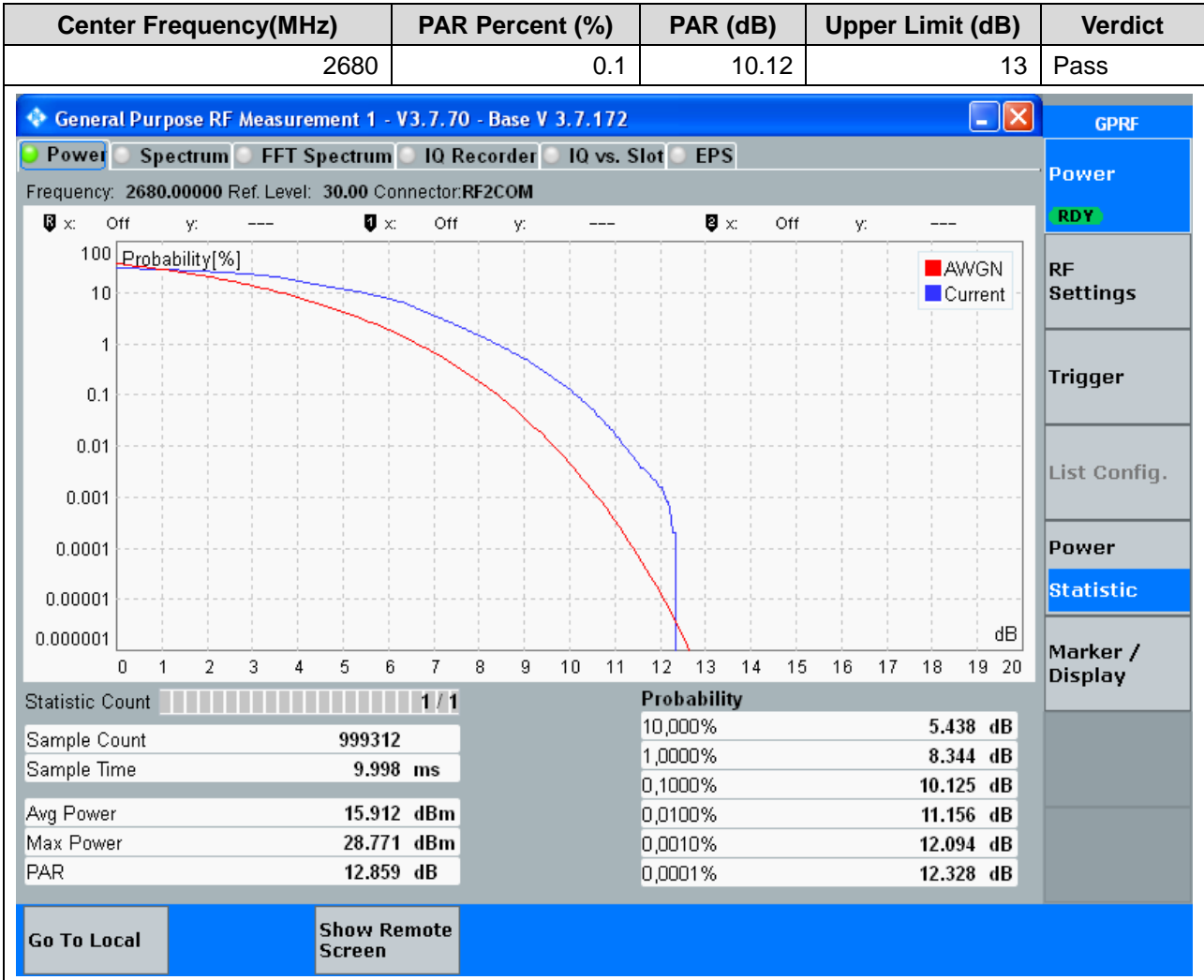
14.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



14.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

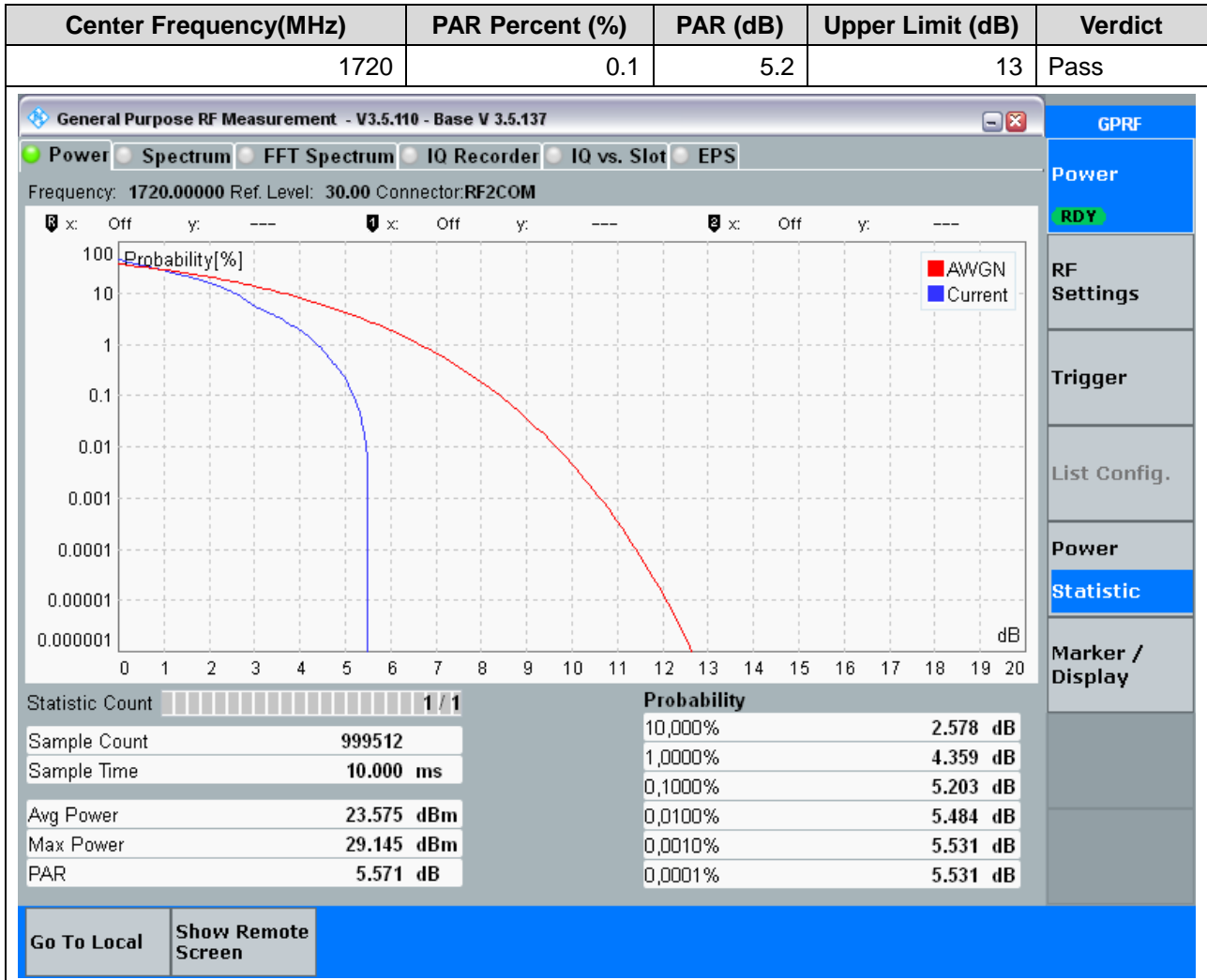


14.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

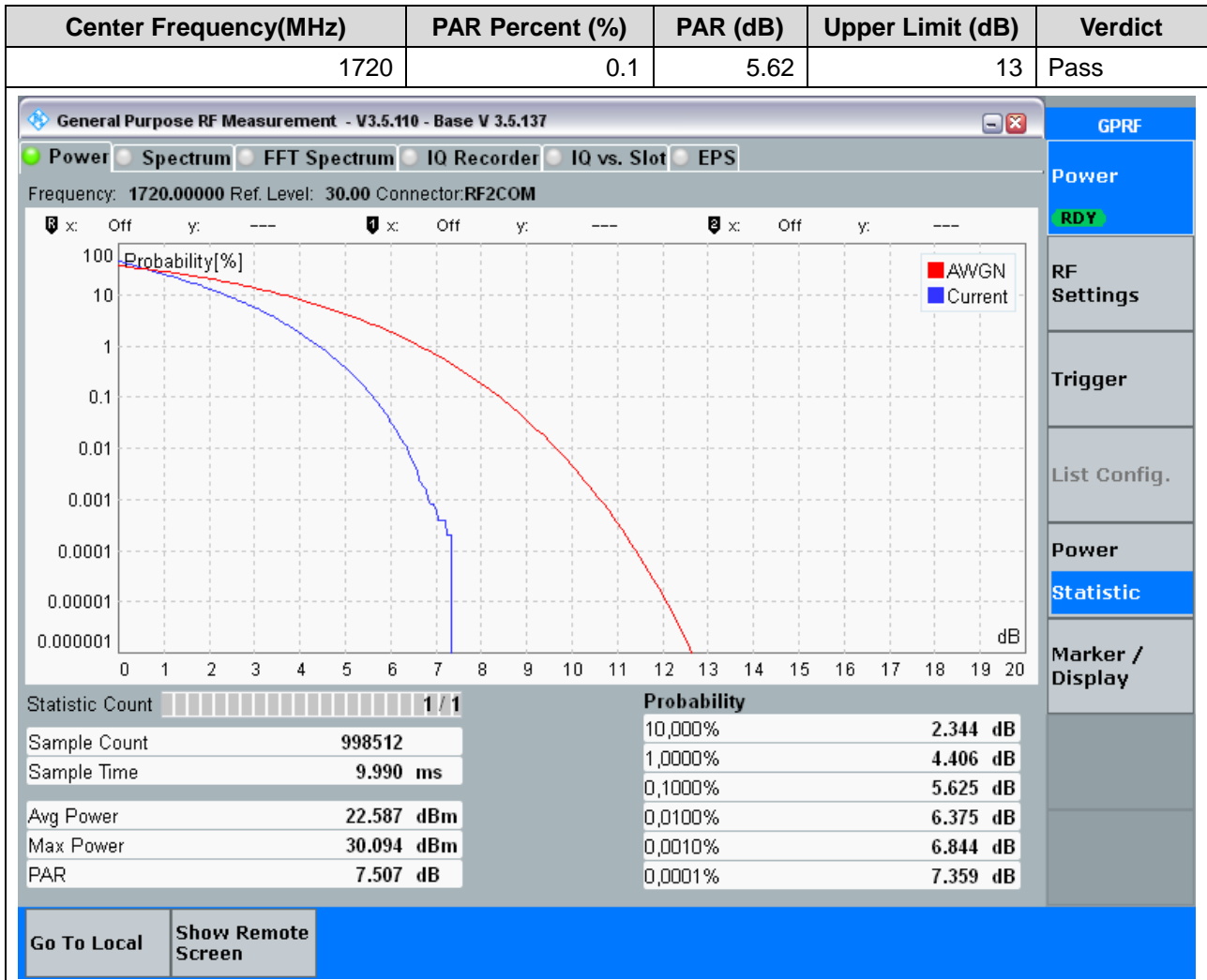


15. LTE_Band66

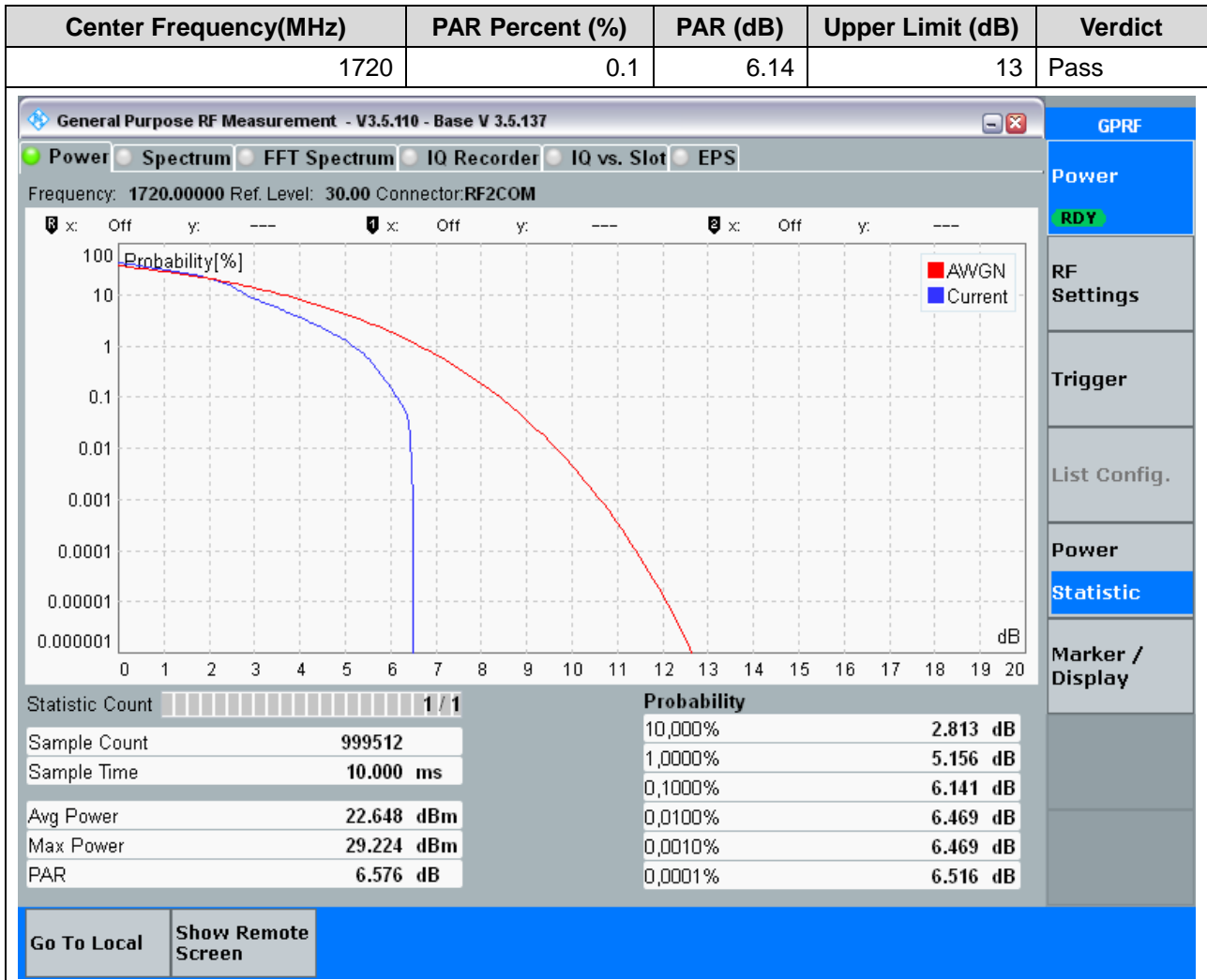
15.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



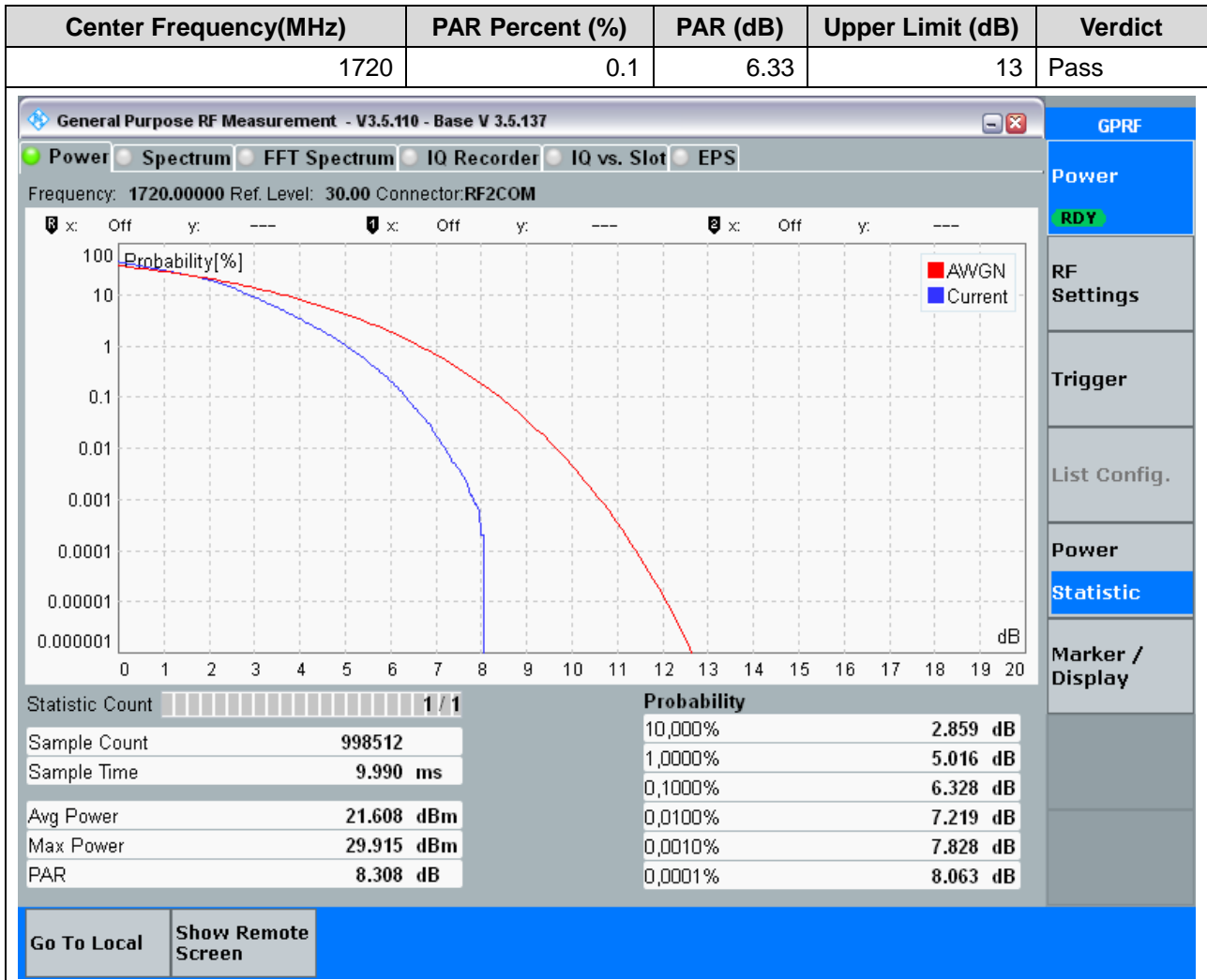
15.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



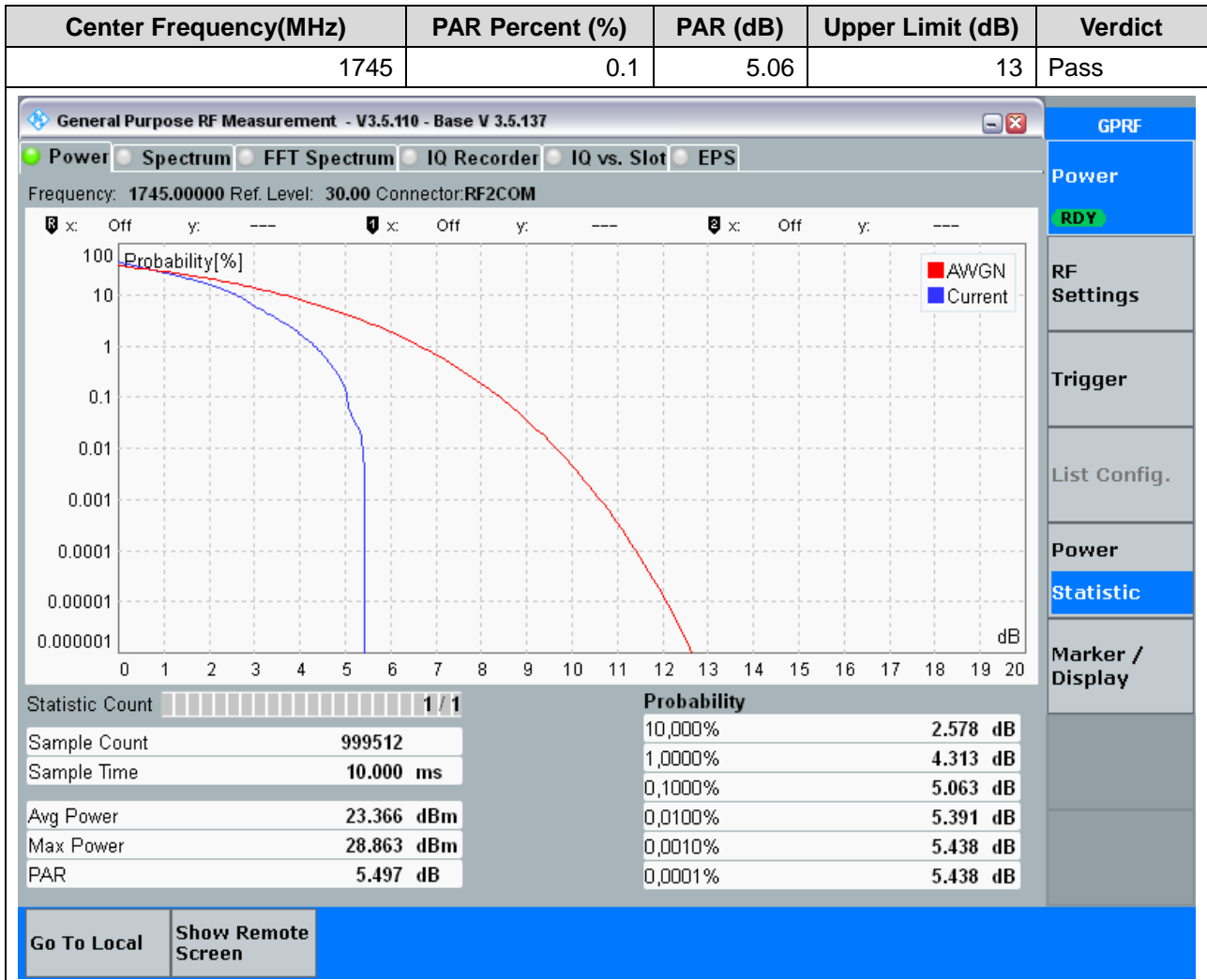
15.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



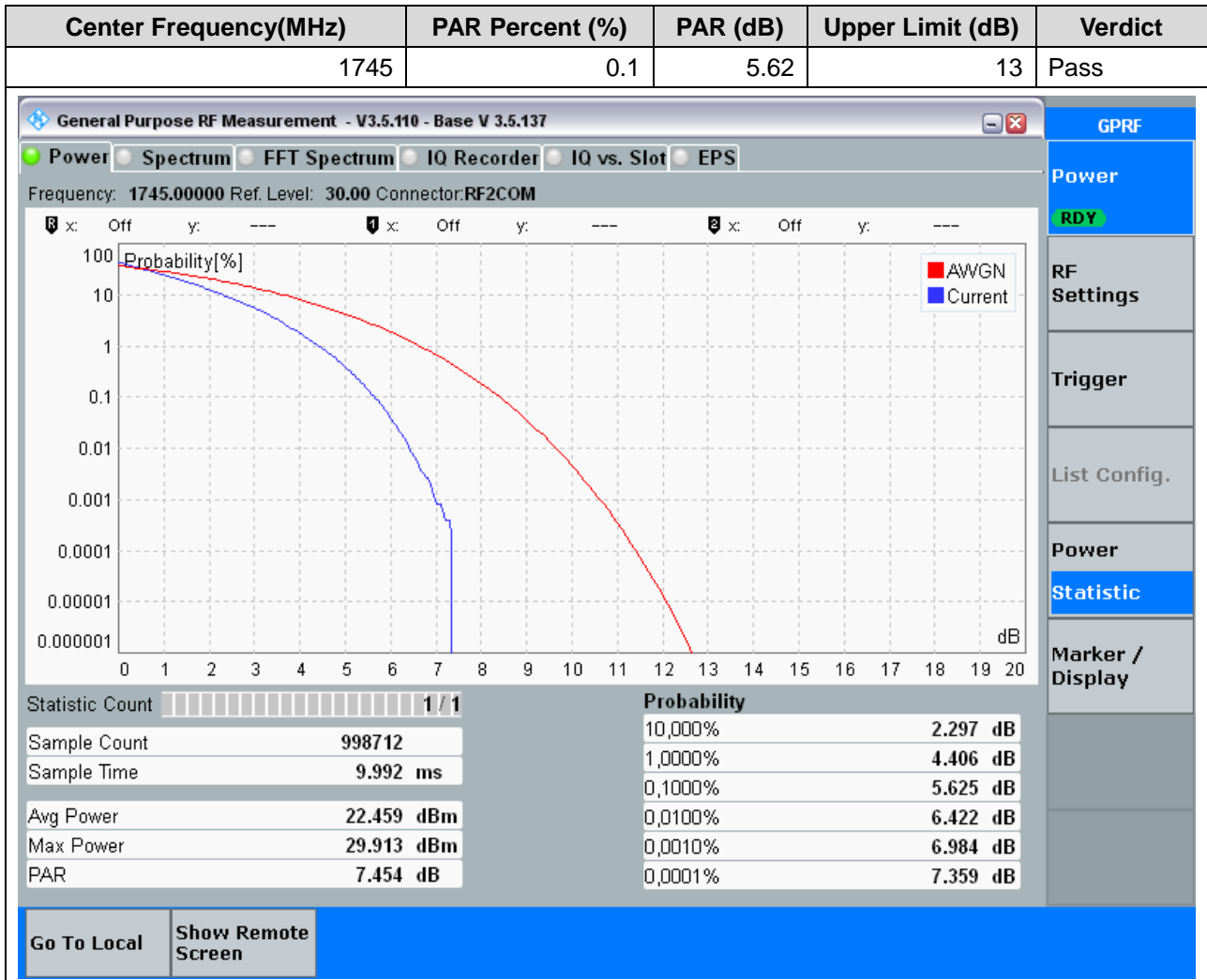
15.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



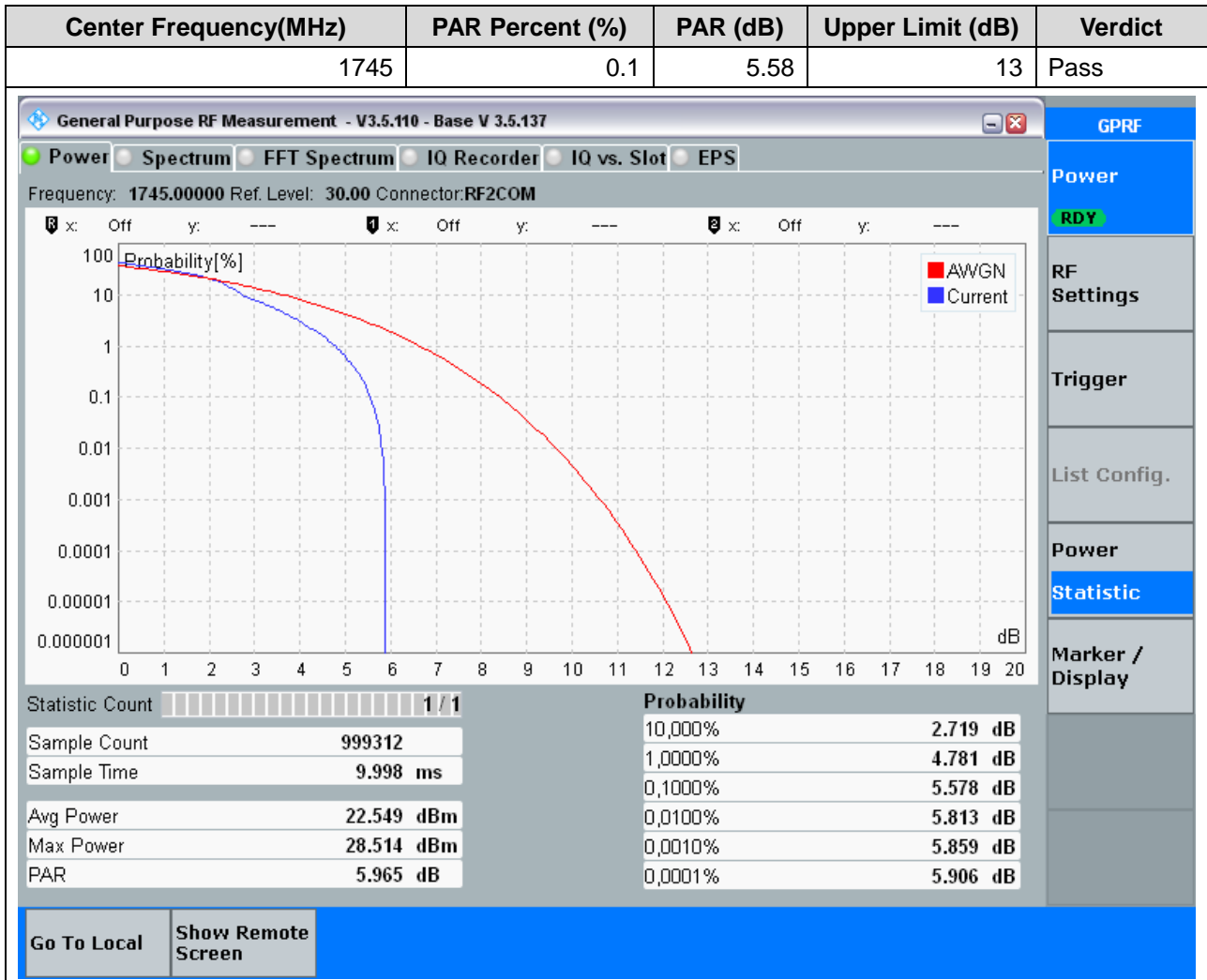
15.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



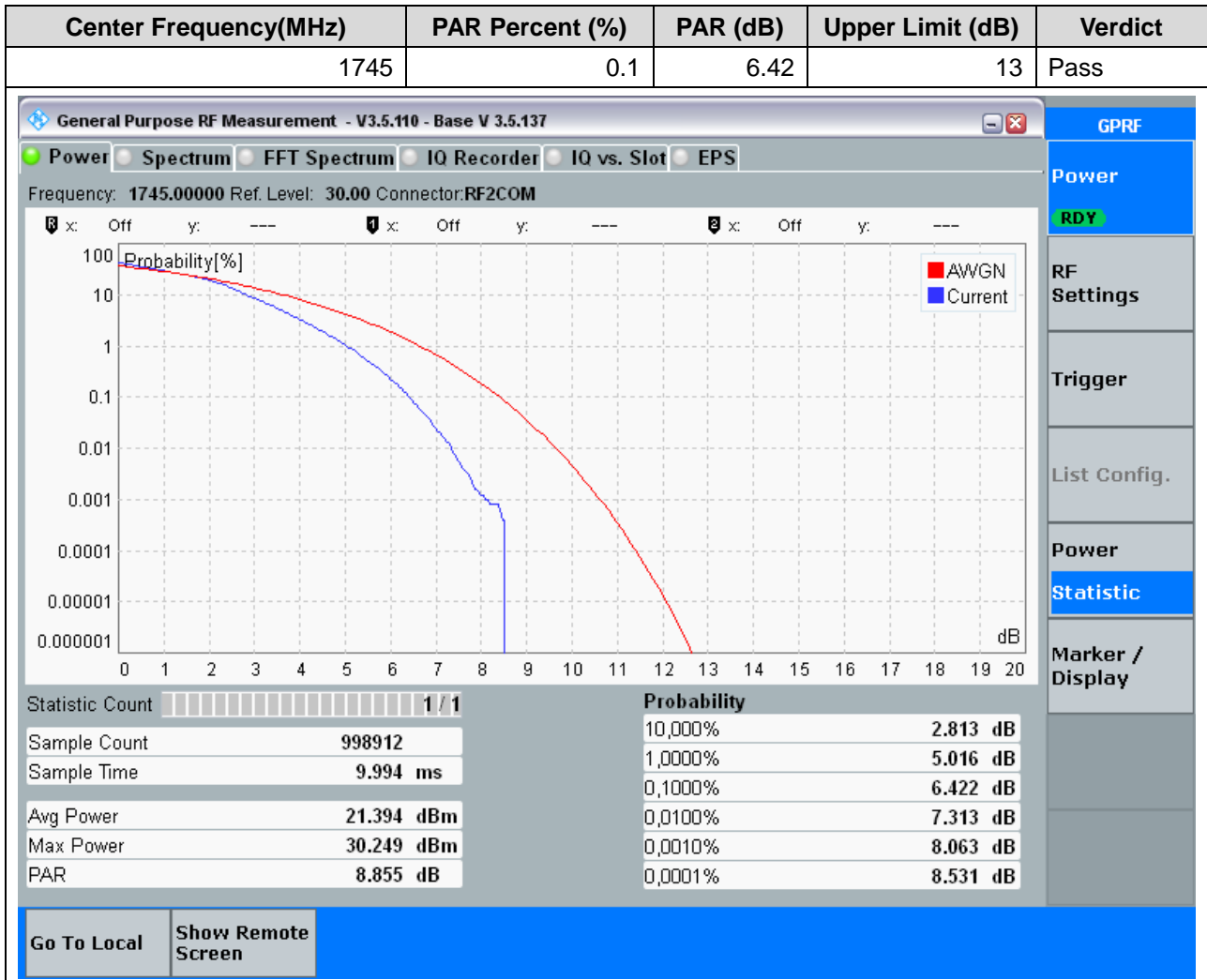
15.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



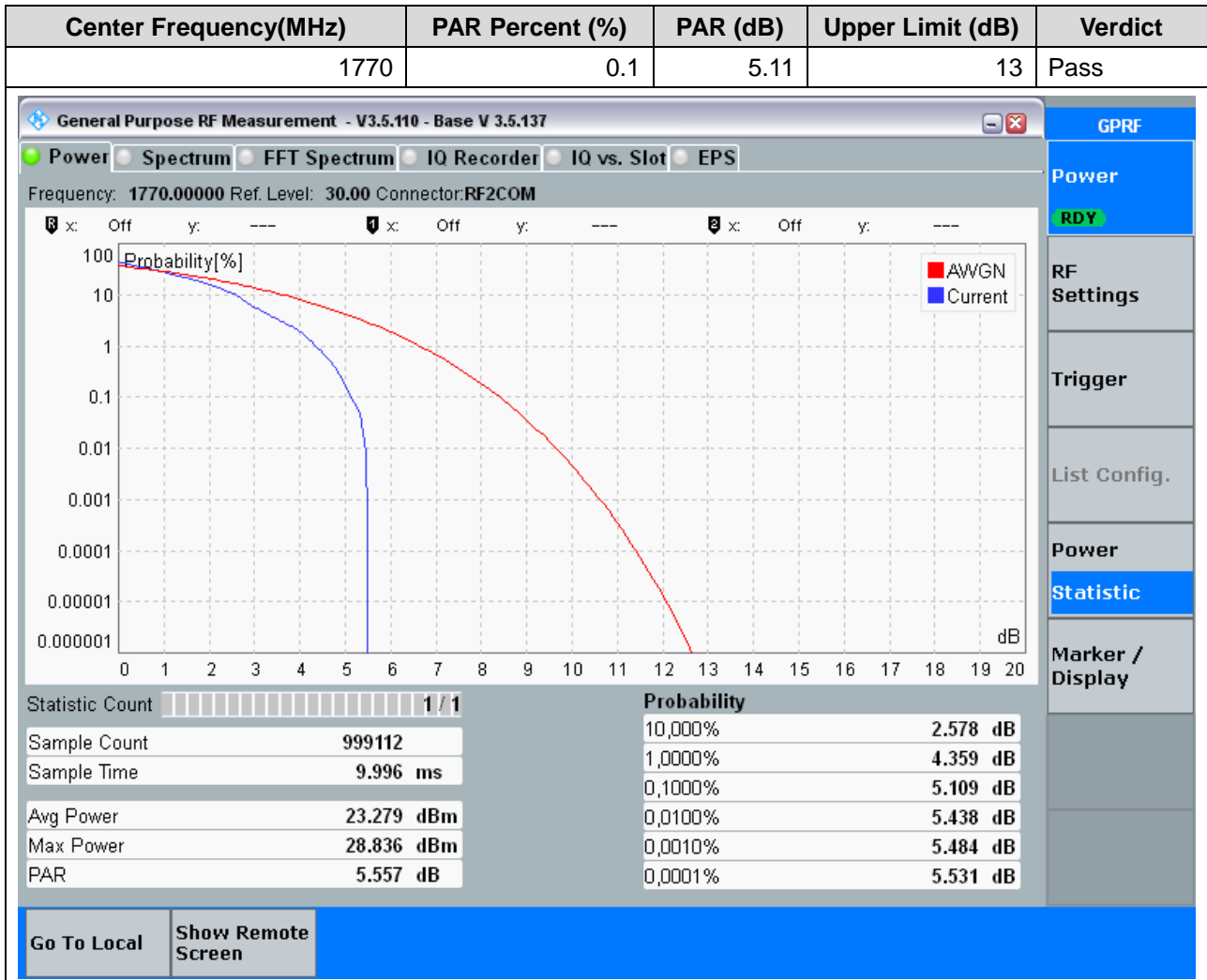
15.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



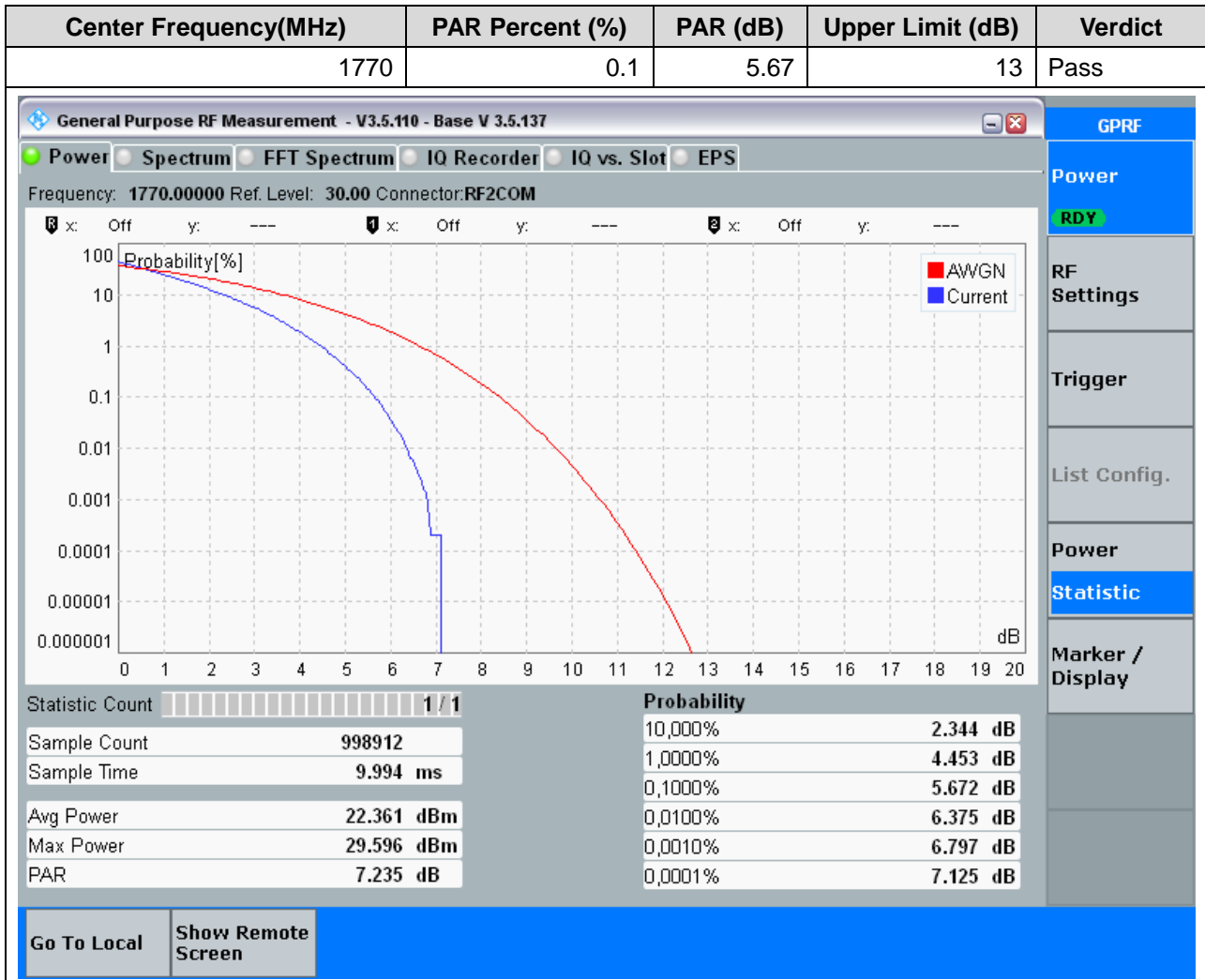
15.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



15.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



15.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



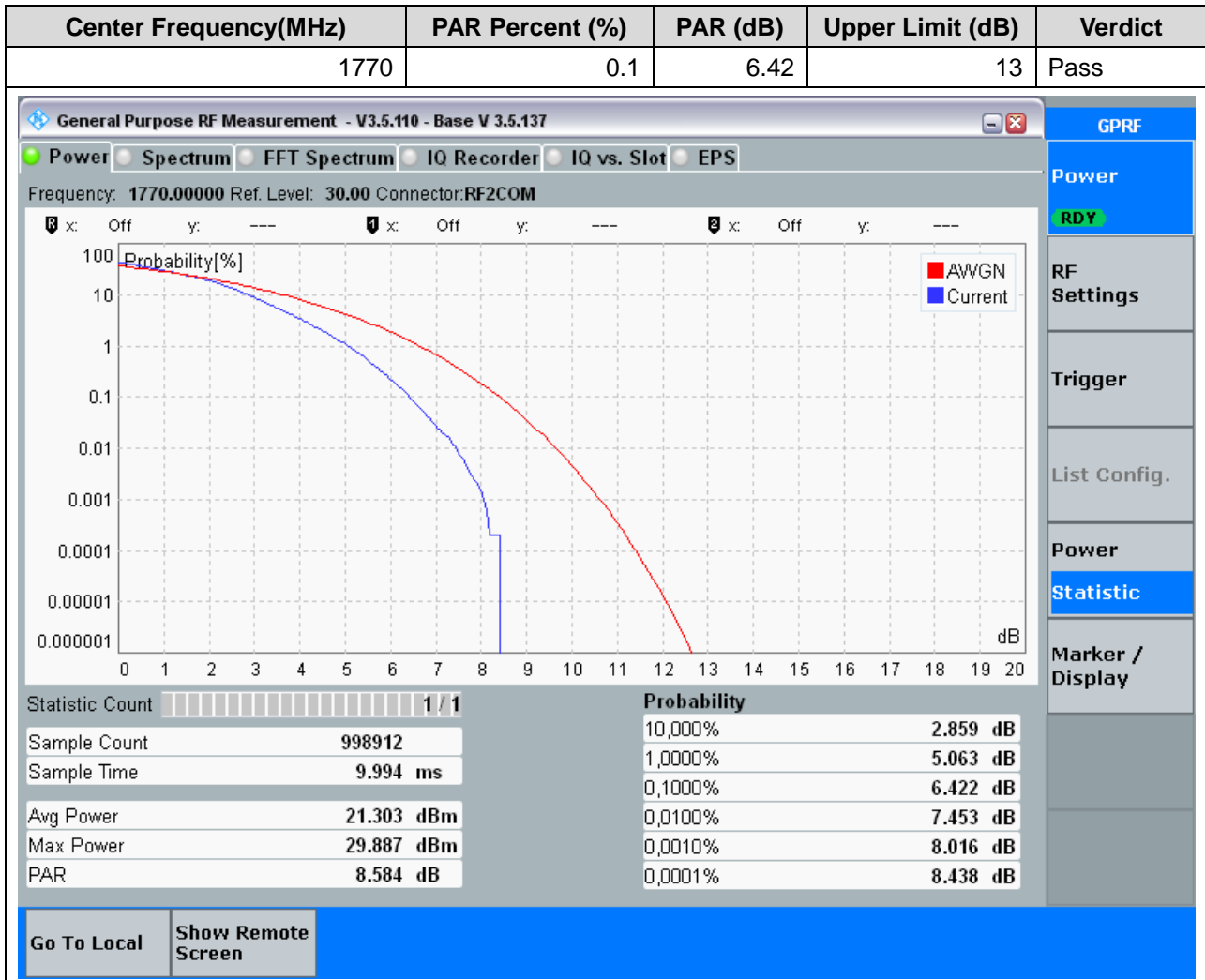
15.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	5.91	13	Pass

The screenshot shows the 'General Purpose RF Measurement' interface. The main graph plots Probability [%] on a logarithmic y-axis (0.000001 to 100) against dB on a linear x-axis (0 to 20). Two curves are shown: 'AWGN' (red) and 'Current' (blue). The 'Current' curve shows a sharp drop at approximately 6.6 dB, while the 'AWGN' curve is much flatter. Below the graph is a statistics table.

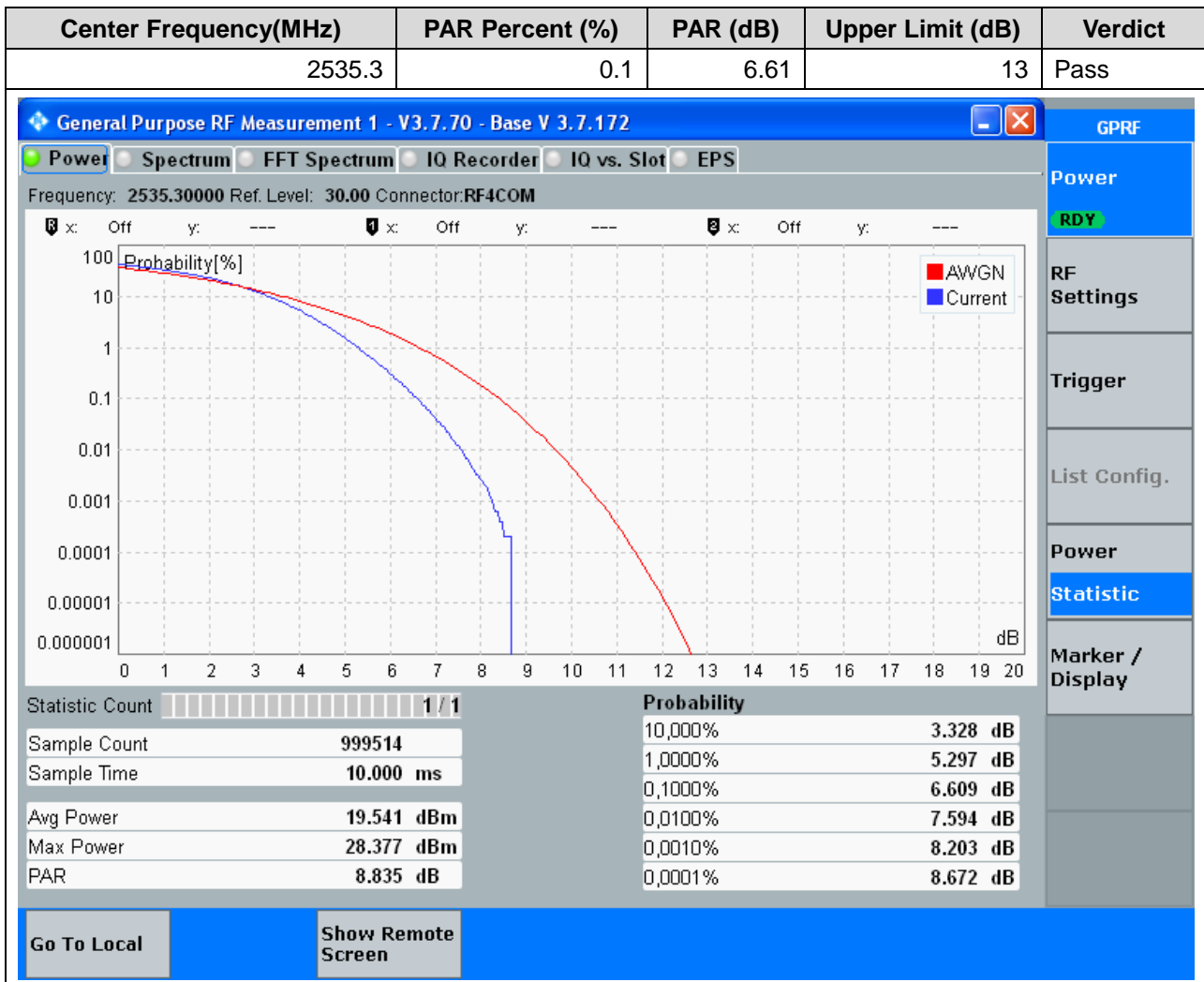
Statistic Count	Sample Count	Sample Time	Avg Power	Max Power	PAR	Probability	Value
1 / 1	999112	9.996 ms	22.301 dBm	28.947 dBm	6.646 dB	10,000%	2.813 dB
						1,0000%	4.828 dB
						0,1000%	5.906 dB
						0,0100%	6.563 dB
						0,0010%	6.609 dB
						0,0001%	6.609 dB

15.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

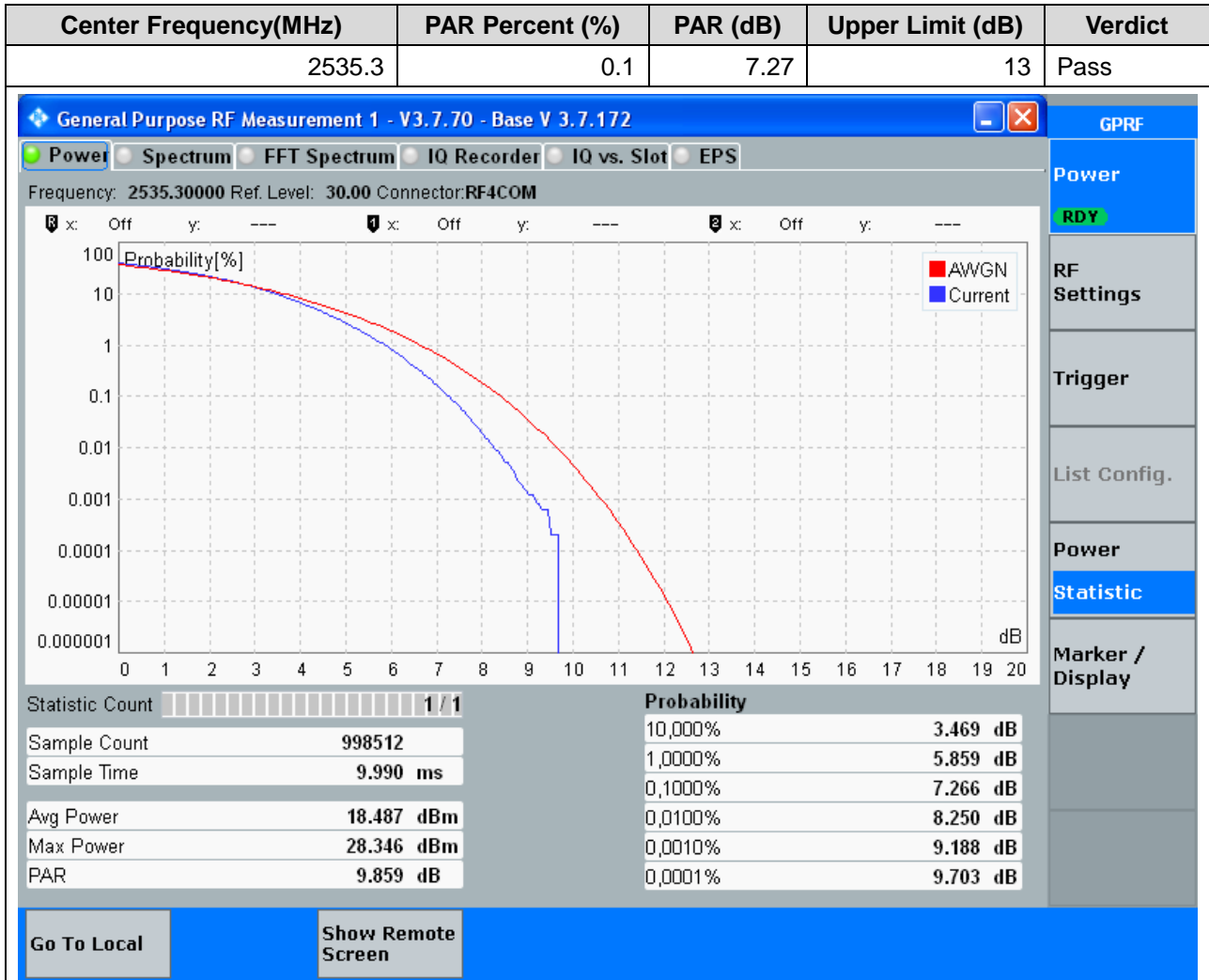


16. CA_7C

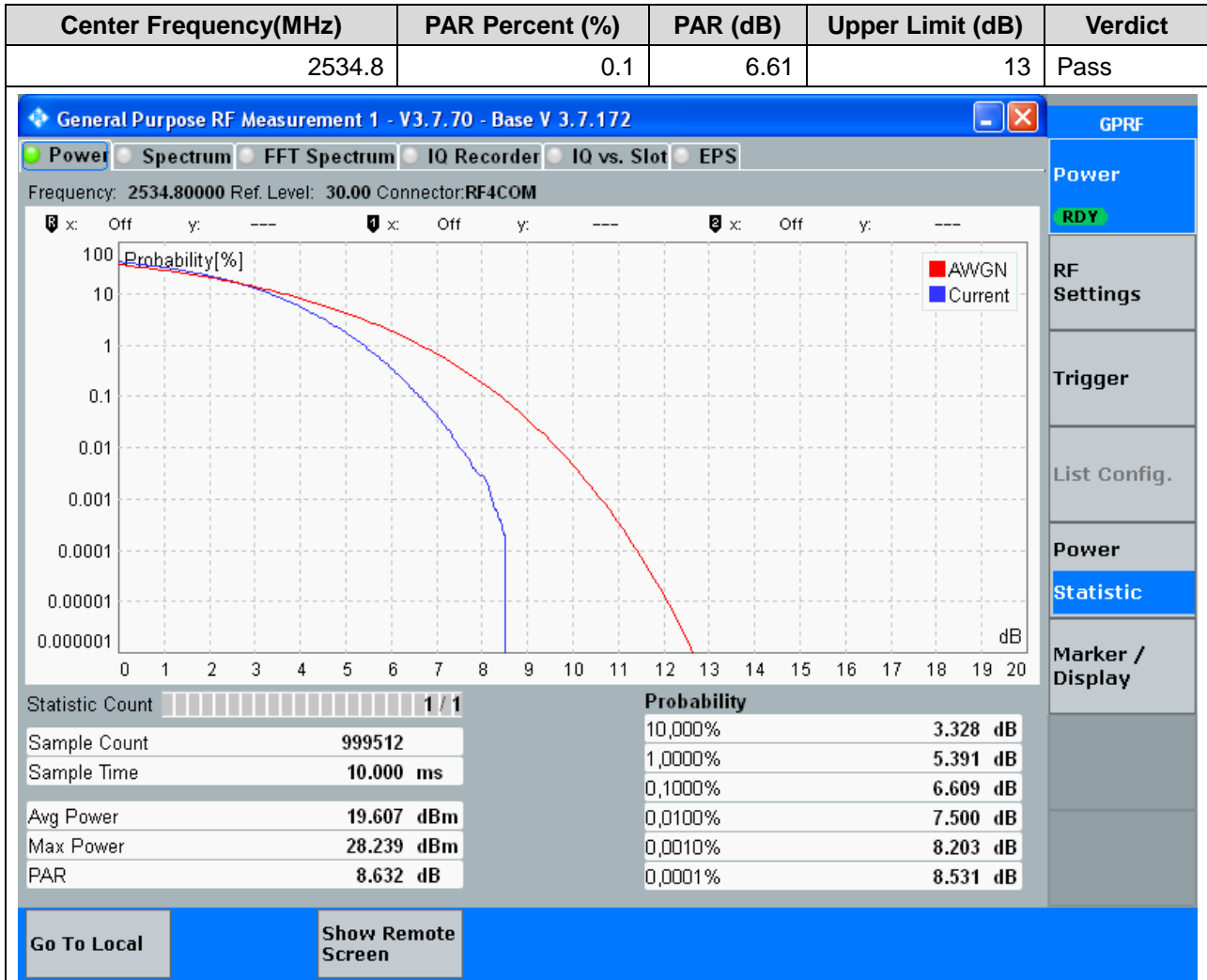
16.1. CA Peak to Average Ratio(NTNV)(Subtest:1, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



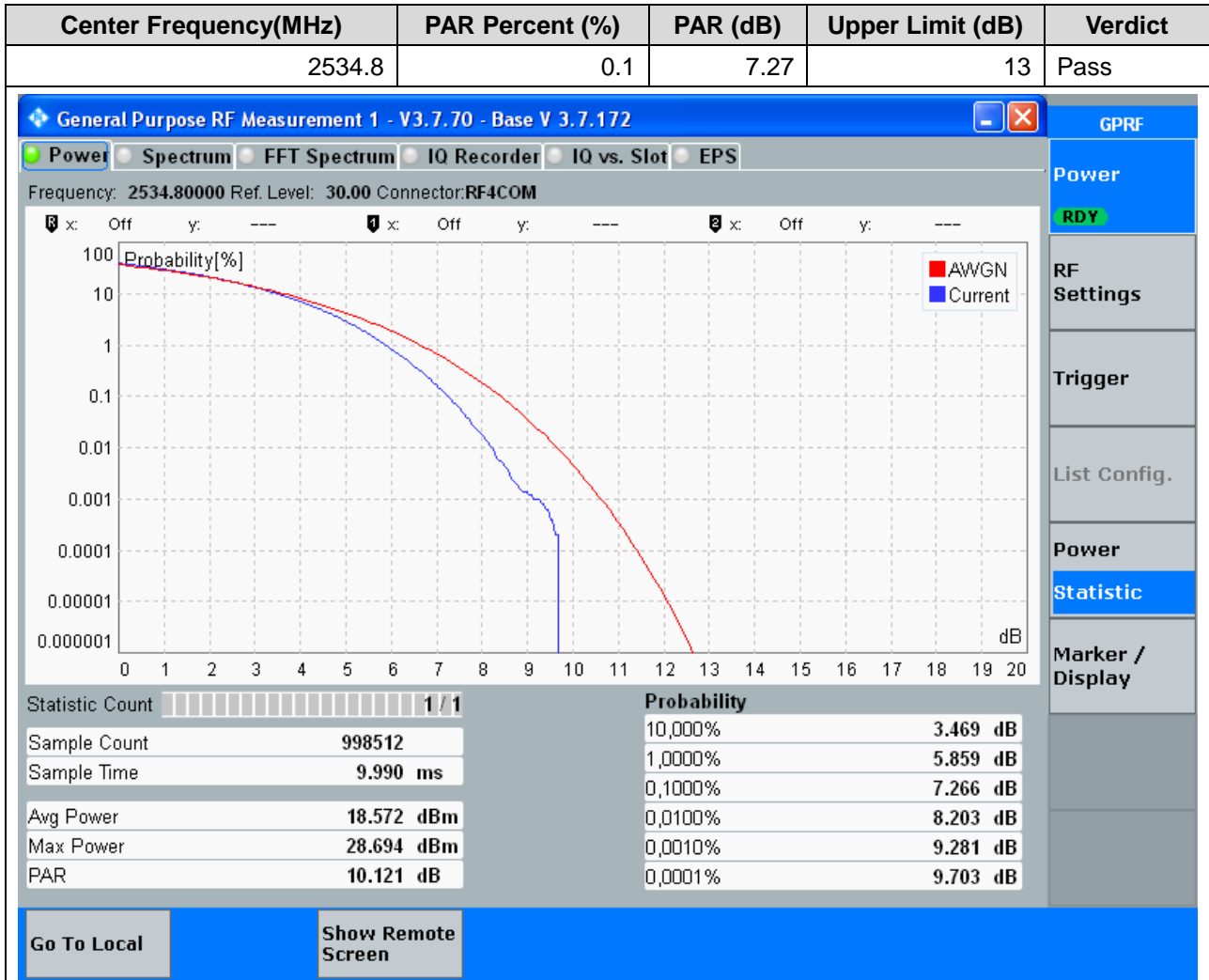
16.2. CA Peak to Average Ratio(NTNV)(Subtest:2, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



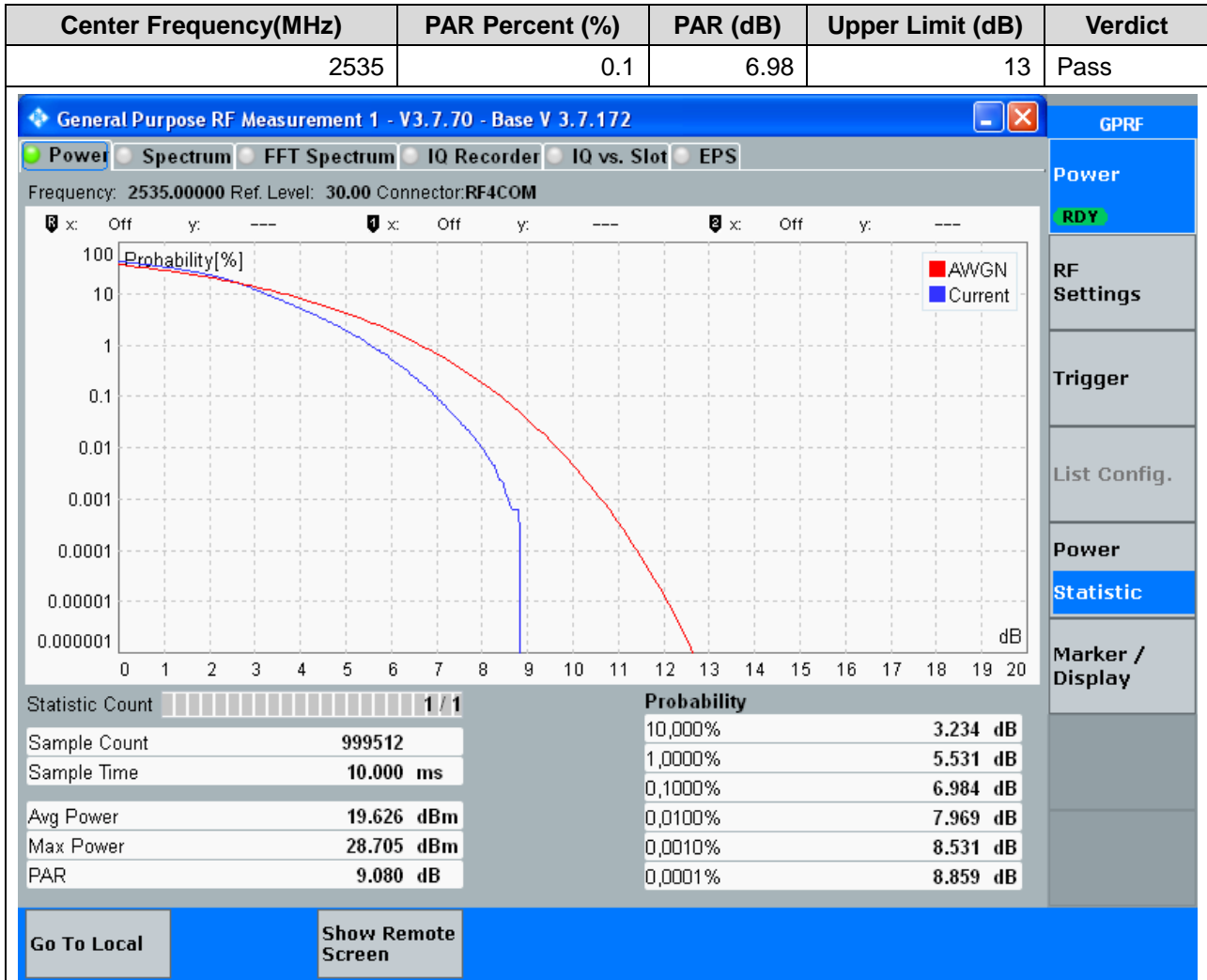
16.3. CA Peak to Average Ratio(NTNV)(Subtest:3, Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



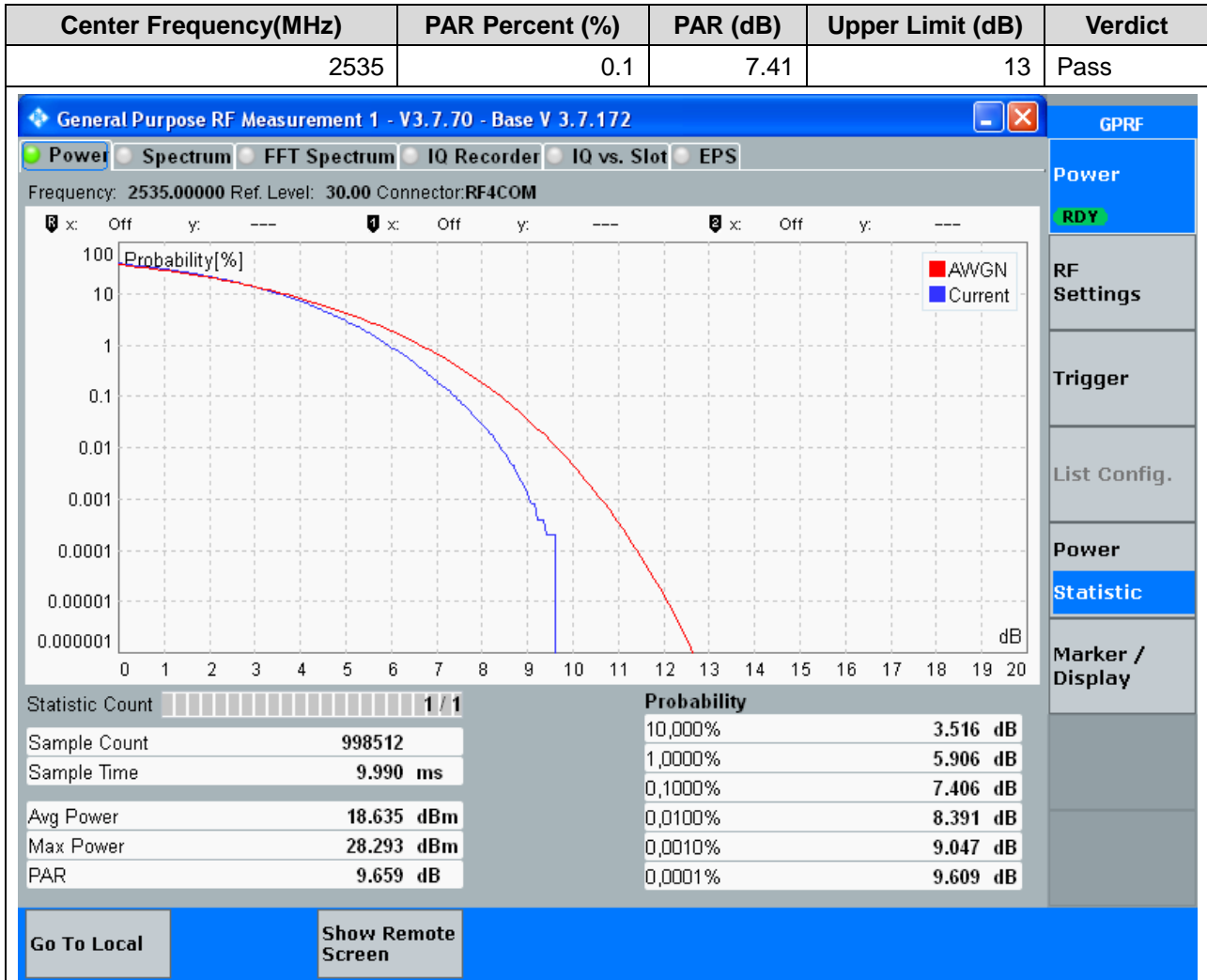
16.4. CA Peak to Average Ratio(NTNV)(Subtest:4, Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



16.5. CA Peak to Average Ratio(NTNV)(Subtest:5, Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



16.6. CA Peak to Average Ratio(NTNV)(Subtest:6, Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



16.7. CA Peak to Average Ratio(NTNV)(Subtest:7, Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.1	0.1	6.7	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: 2535.10000 Ref. Level: 30.00 Connector:RF4COM

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

Statistic Count		Probability	
Sample Count	999513	10,000%	3.281 dB
Sample Time	20.000 ms	1,0000%	5.438 dB
Avg Power	19.615 dBm	0,1000%	6.703 dB
Max Power	28.026 dBm	0,0010%	8.109 dB
PAR	8.411 dB	0,0001%	8.344 dB

1 / 1

Go To Local
Show Remote Screen

16.8. CA Peak to Average Ratio(NTNV)(Subtest:8, Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535.1	0.1	7.27	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: 2535.10000 Ref. Level: 30.00 Connector:RF4COM

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

Statistic Count	
Sample Count	1023460
Sample Time	20.479 ms
Avg Power	18.586 dBm
Max Power	28.061 dBm
PAR	9.475 dB

Probability	
10,000%	3.469 dB
1,0000%	5.906 dB
0,1000%	7.266 dB
0,0100%	8.203 dB
0,0010%	9.047 dB
0,0001%	9.422 dB

Go To Local
Show Remote Screen

16.9. CA Peak to Average Ratio(NTNV)(Subtest:9, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

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

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

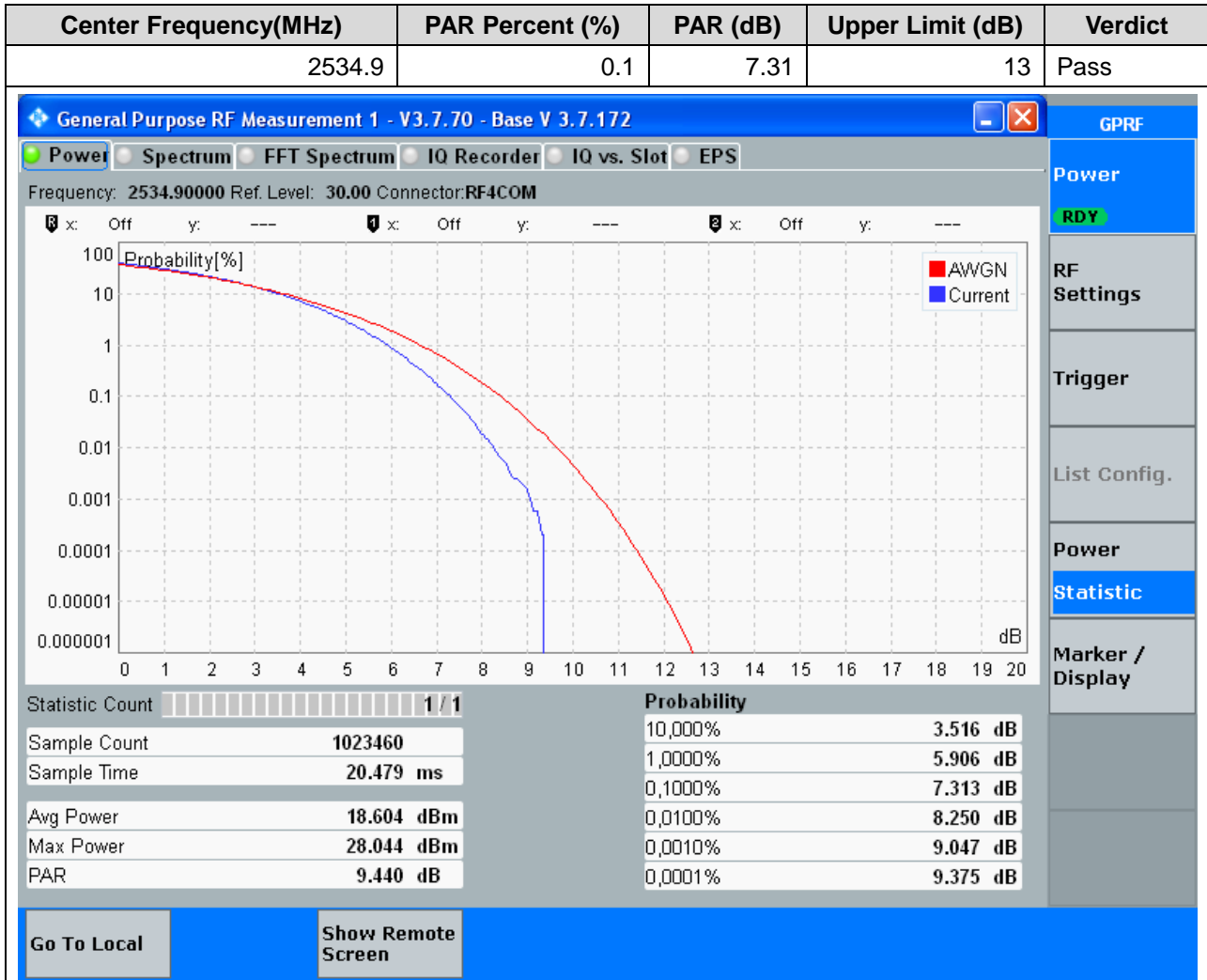
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2534.90000 Ref. Level: 30.00 Connector:RF4COM

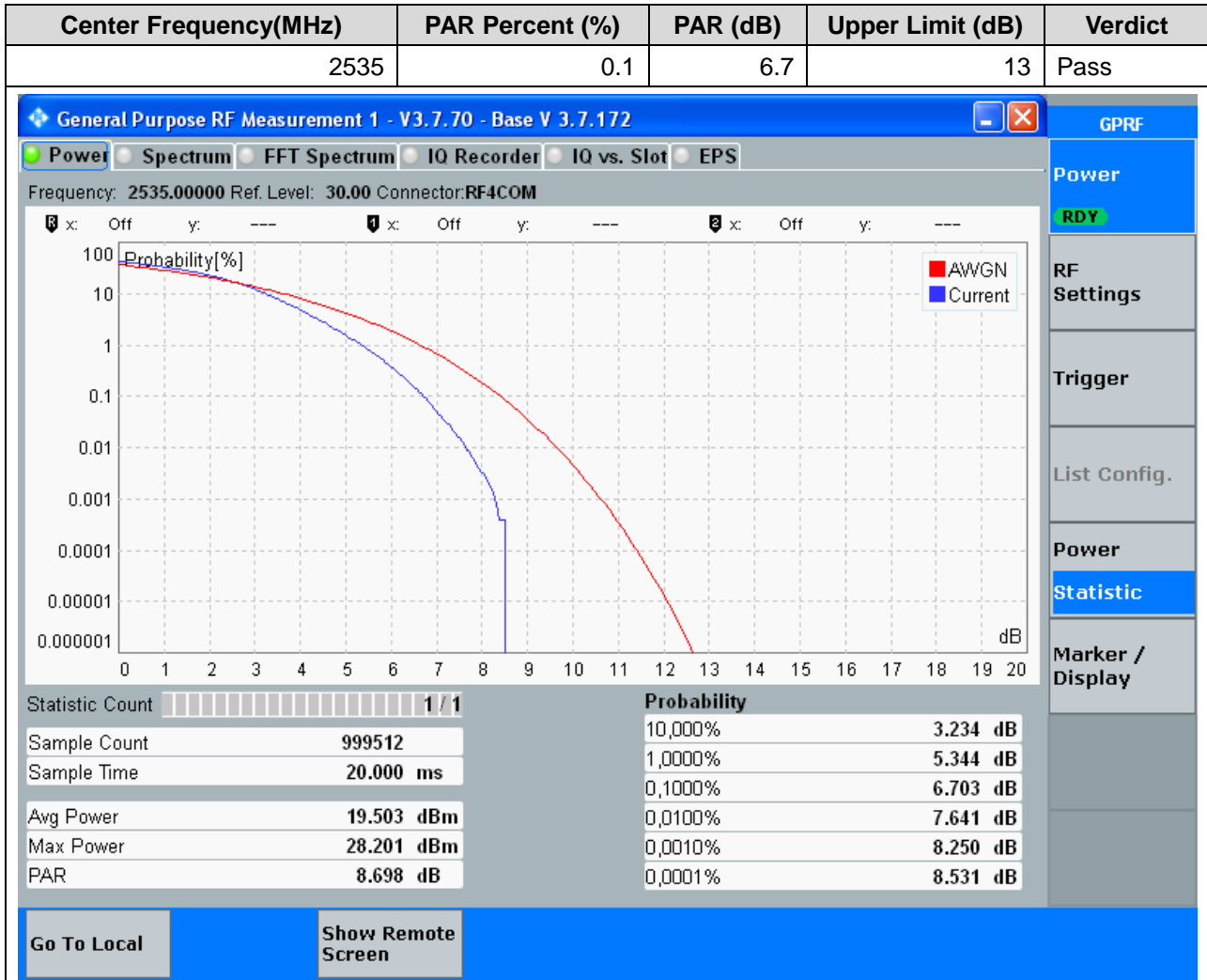
Statistic Count	Value	Probability	Value
Sample Count	999513	10,000%	3.328 dB
Sample Time	20.000 ms	1,0000%	5.391 dB
Avg Power	19.623 dBm	0,1000%	6.656 dB
Max Power	28.366 dBm	0,0010%	8.156 dB
PAR	8.743 dB	0,0001%	8.672 dB

Go To Local Show Remote Screen

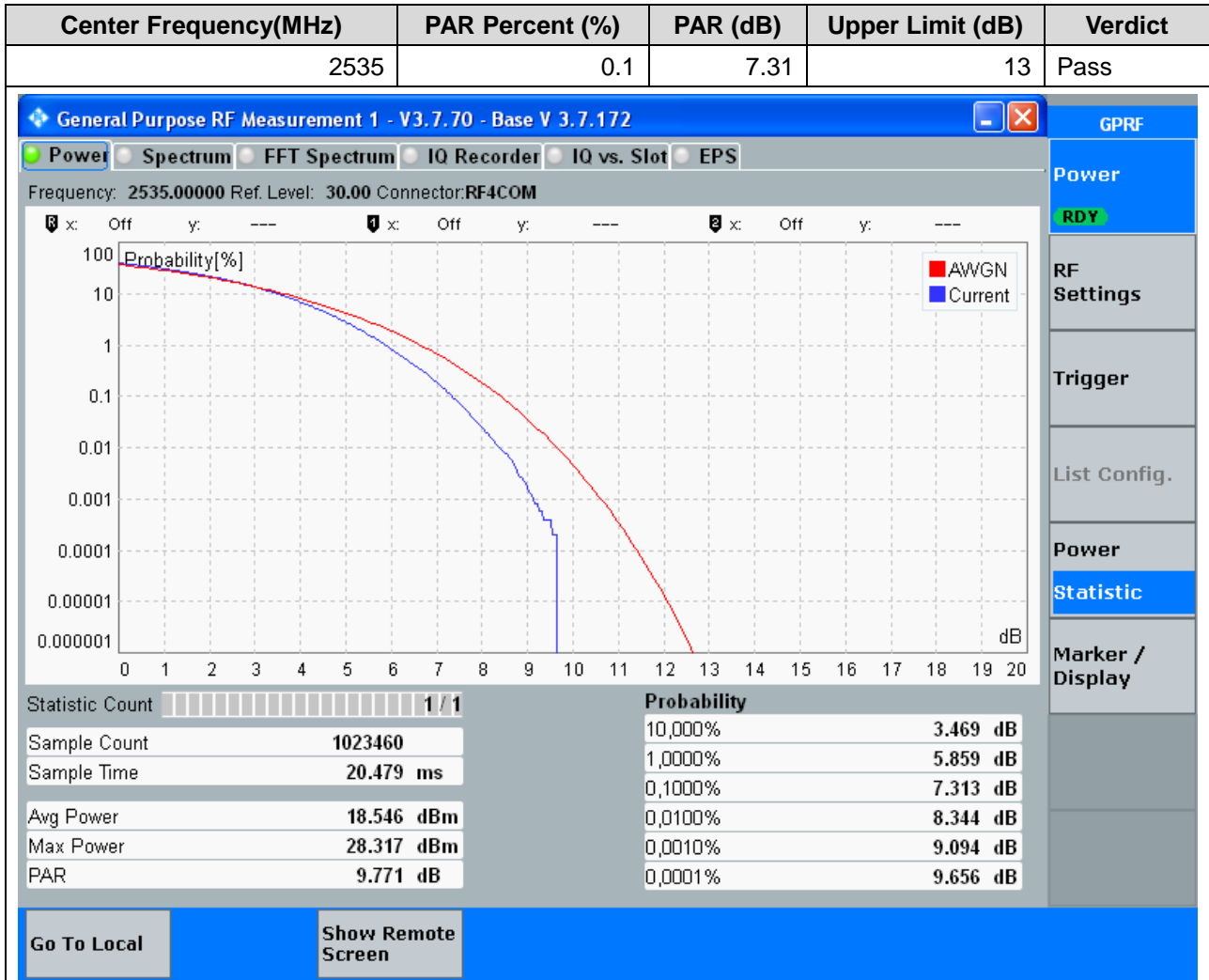
16.10. CA Peak to Average Ratio(NTNV)(Subtest:10, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



16.11. CA Peak to Average Ratio(NTNV)(Subtest:11, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

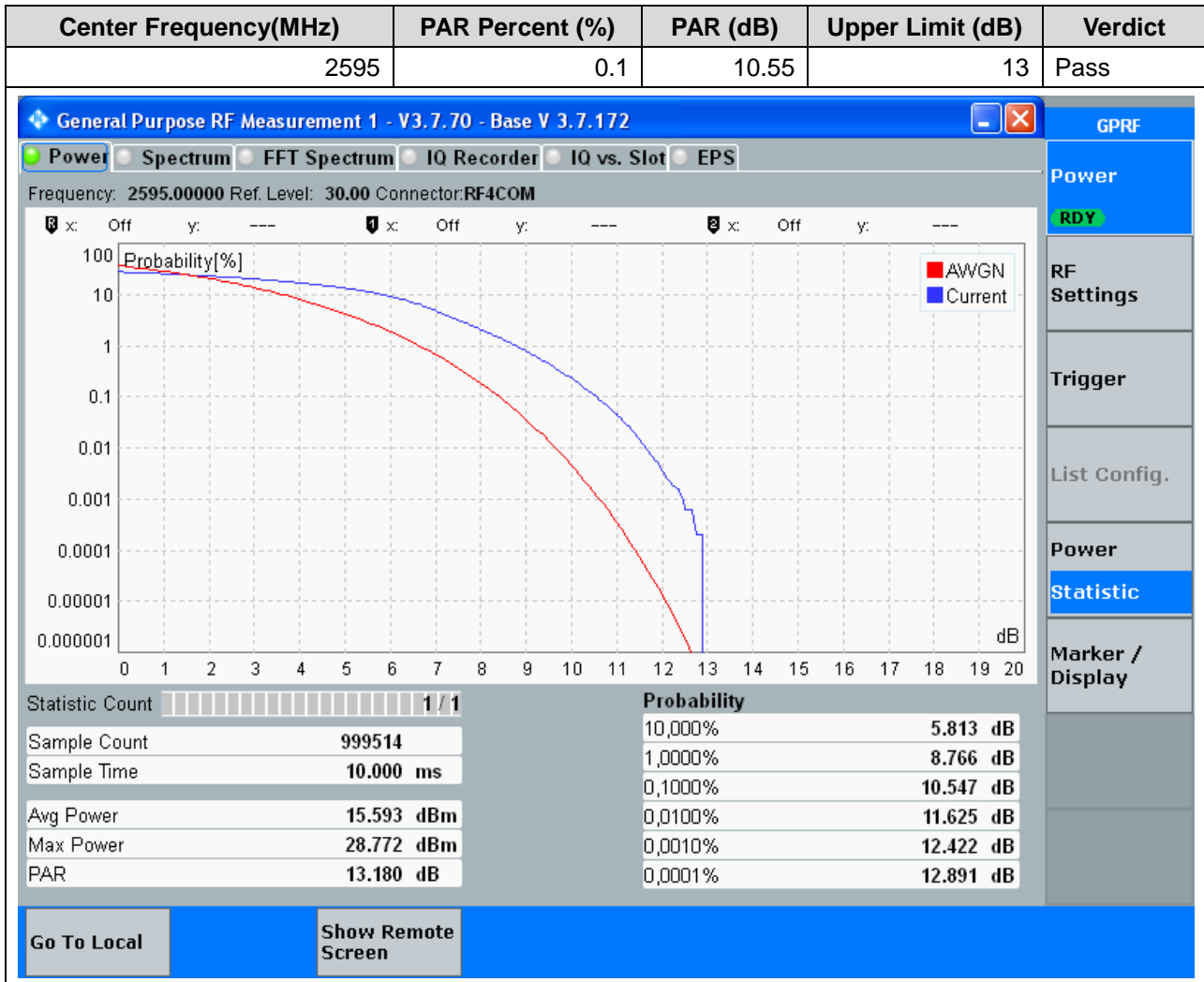


16.12. CA Peak to Average Ratio(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

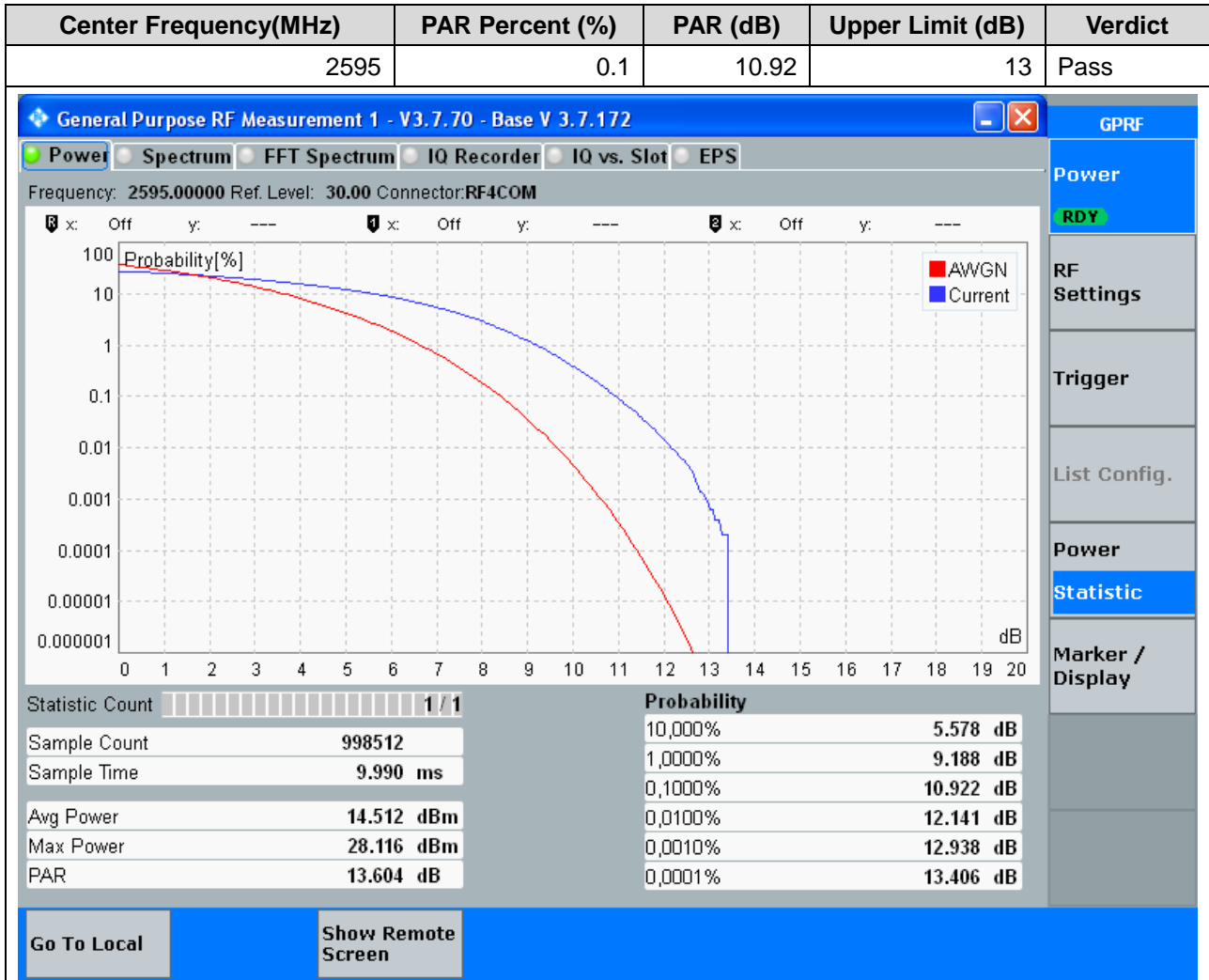


17. CA_38C

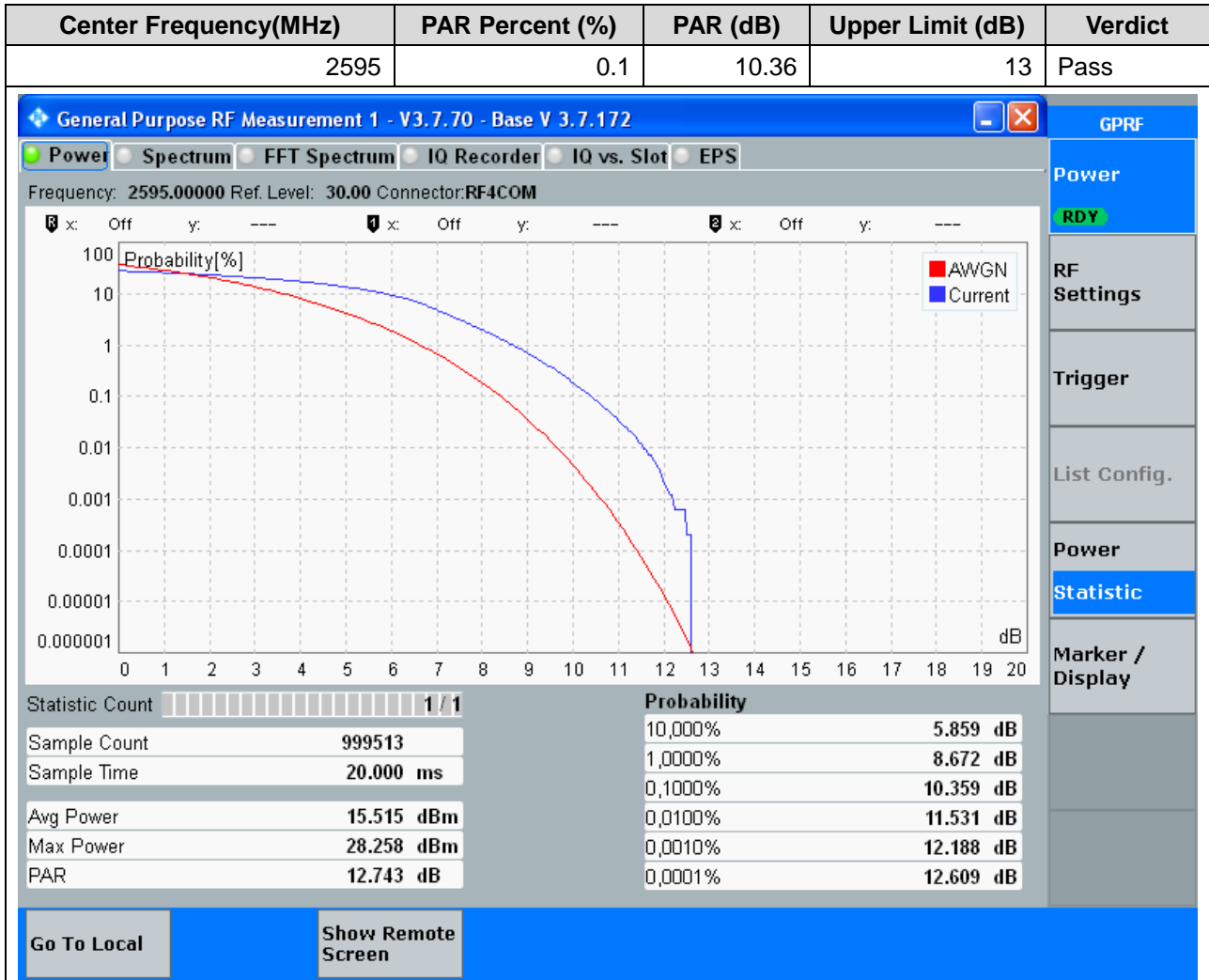
17.1. CA Peak to Average Ratio(NTNV)(Subtest:1, Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



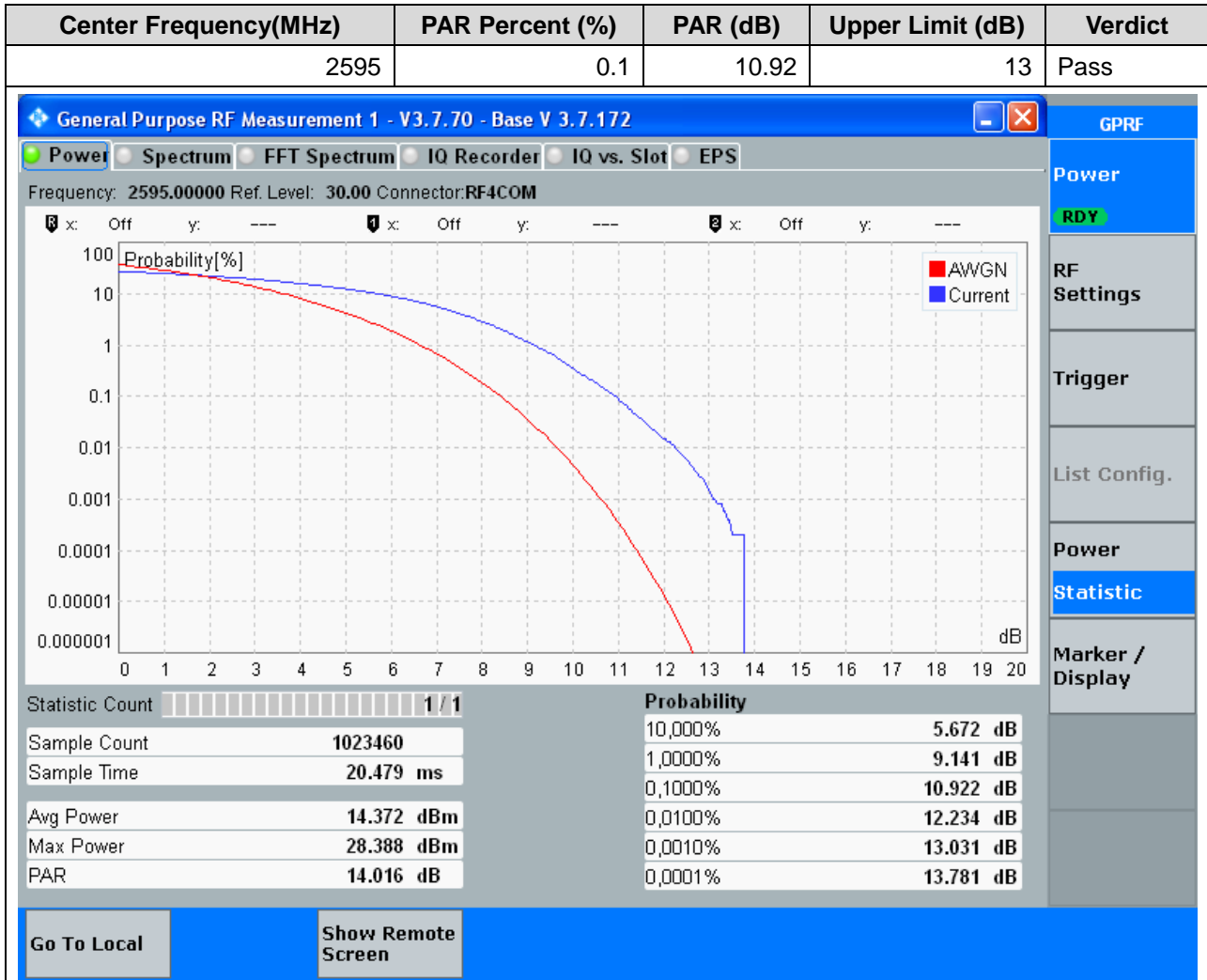
17.2. CA Peak to Average Ratio(NTNV)(Subtest:2, Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



17.3. CA Peak to Average Ratio(NTNV)(Subtest:3, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

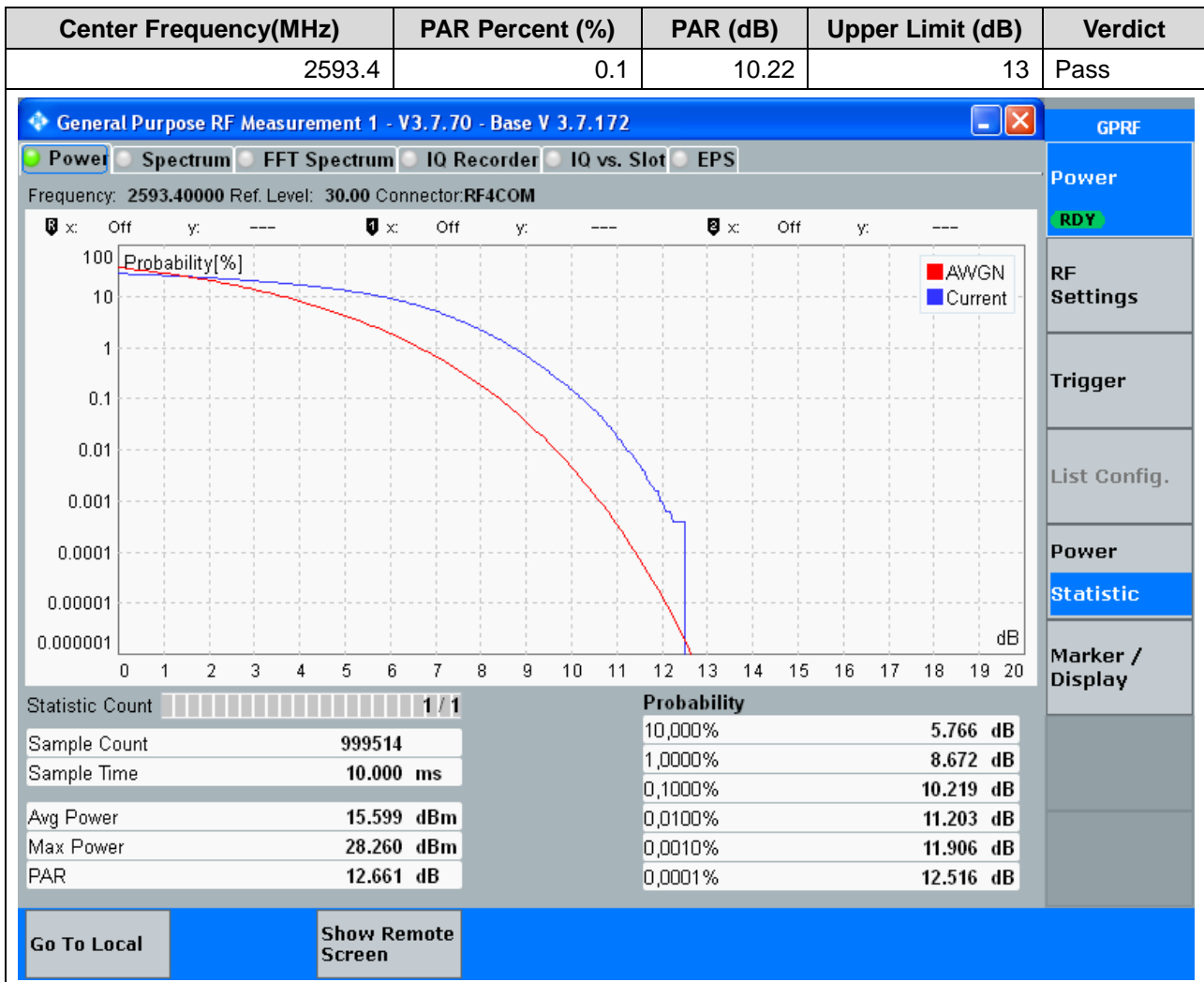


17.4. CA Peak to Average Ratio(NTNV)(Subtest:4, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



18. CA_41C_full

18.1. CA Peak to Average Ratio(NTNV)(Subtest:1, Channel:40528|40645, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



18.2. CA Peak to Average Ratio(NTNV)(Subtest:2, Channel:40528|40645, Bandwidth:5|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593.4	0.1	10.87	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: 2593.40000 Ref. Level: 30.00 Connector:RF4COM

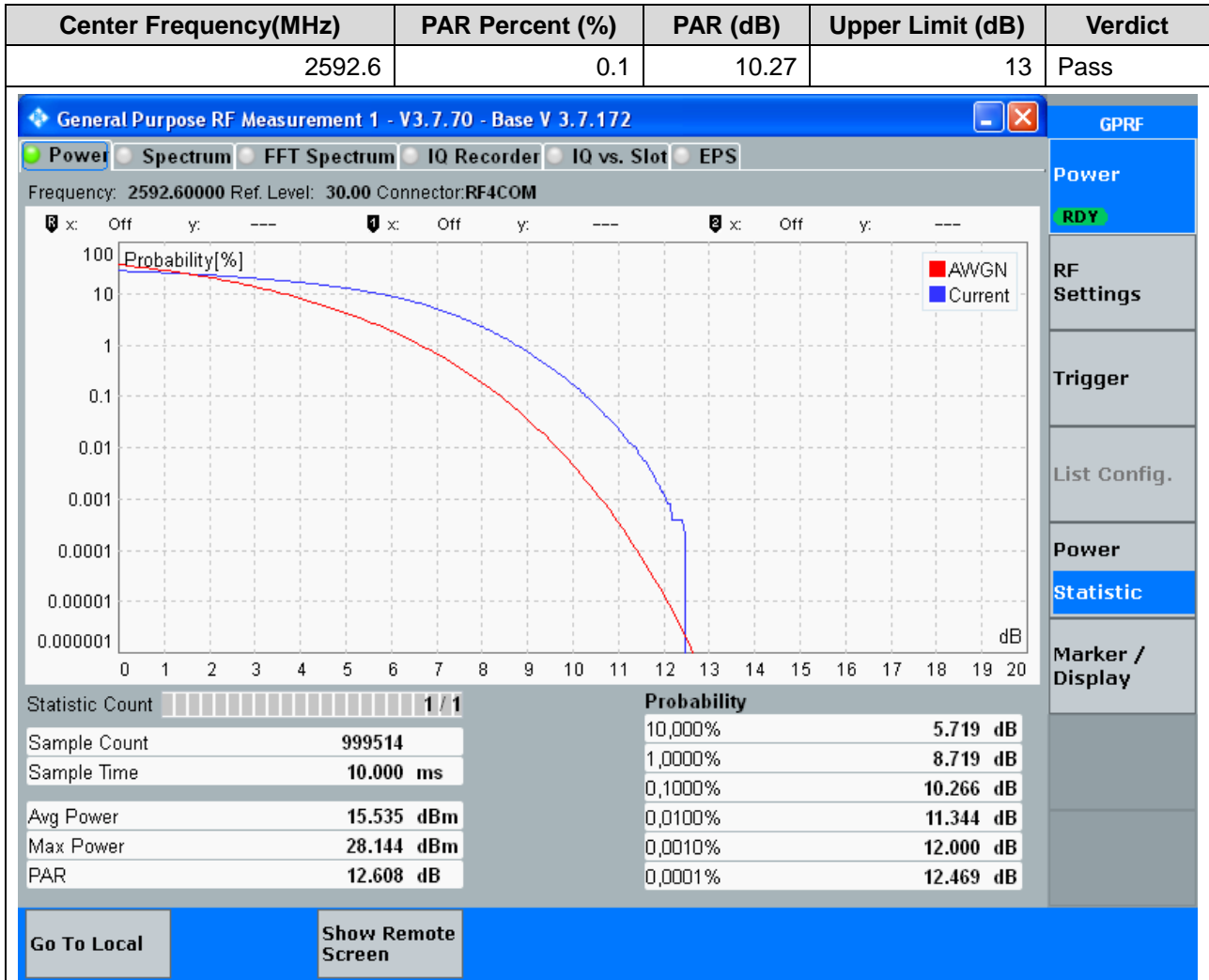
RDY

Statistic Count	Value
Sample Count	998512
Sample Time	9.990 ms
Avg Power	14.530 dBm
Max Power	28.284 dBm
PAR	13.754 dB

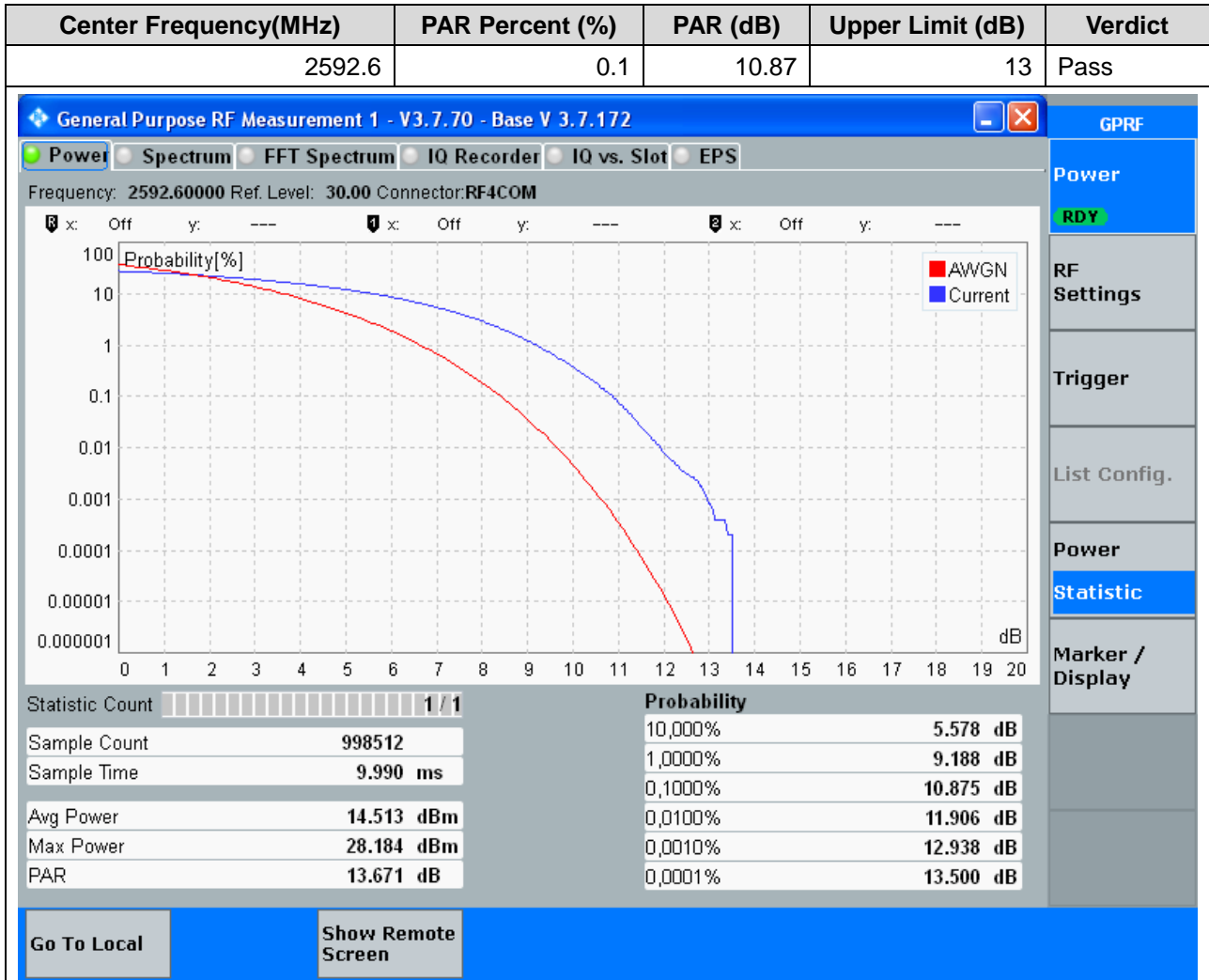
Probability	Value
10,000%	5.625 dB
1,0000%	9.141 dB
0,1000%	10.875 dB
0,0100%	12.094 dB
0,0010%	13.078 dB
0,0001%	13.594 dB

Go To Local
Show Remote Screen

18.3. CA Peak to Average Ratio(NTNV)(Subtest:3, Channel:40595|40712, Bandwidth:20|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



18.4. CA Peak to Average Ratio(NTNV)(Subtest:4, Channel:40595|40712, Bandwidth:20|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



18.5. CA Peak to Average Ratio(NTNV)(Subtest:5, Channel:40526|40670, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593.3	0.1	10.17	13	Pass

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

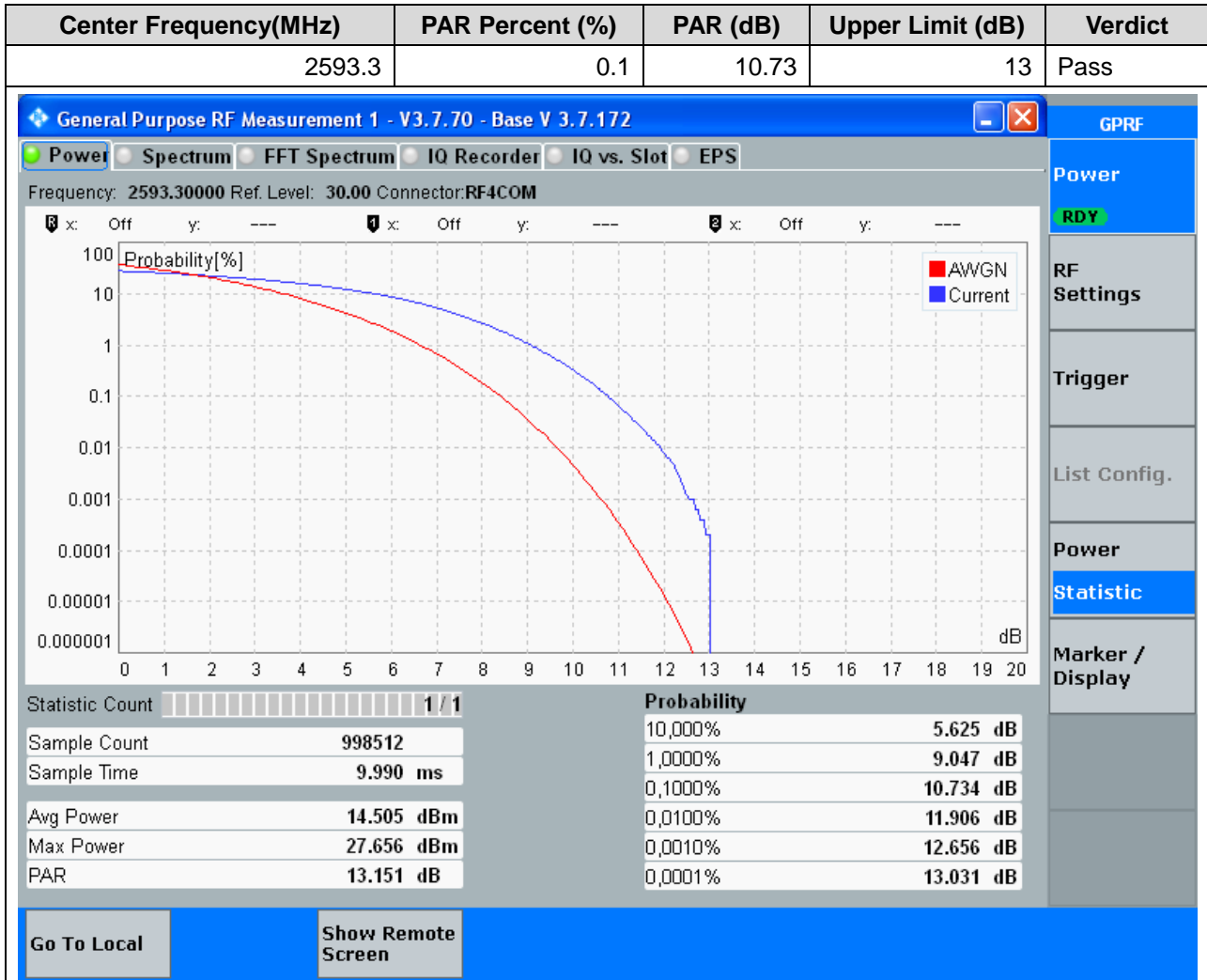
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2593.30000 Ref. Level: 30.00 Connector:RF4COM

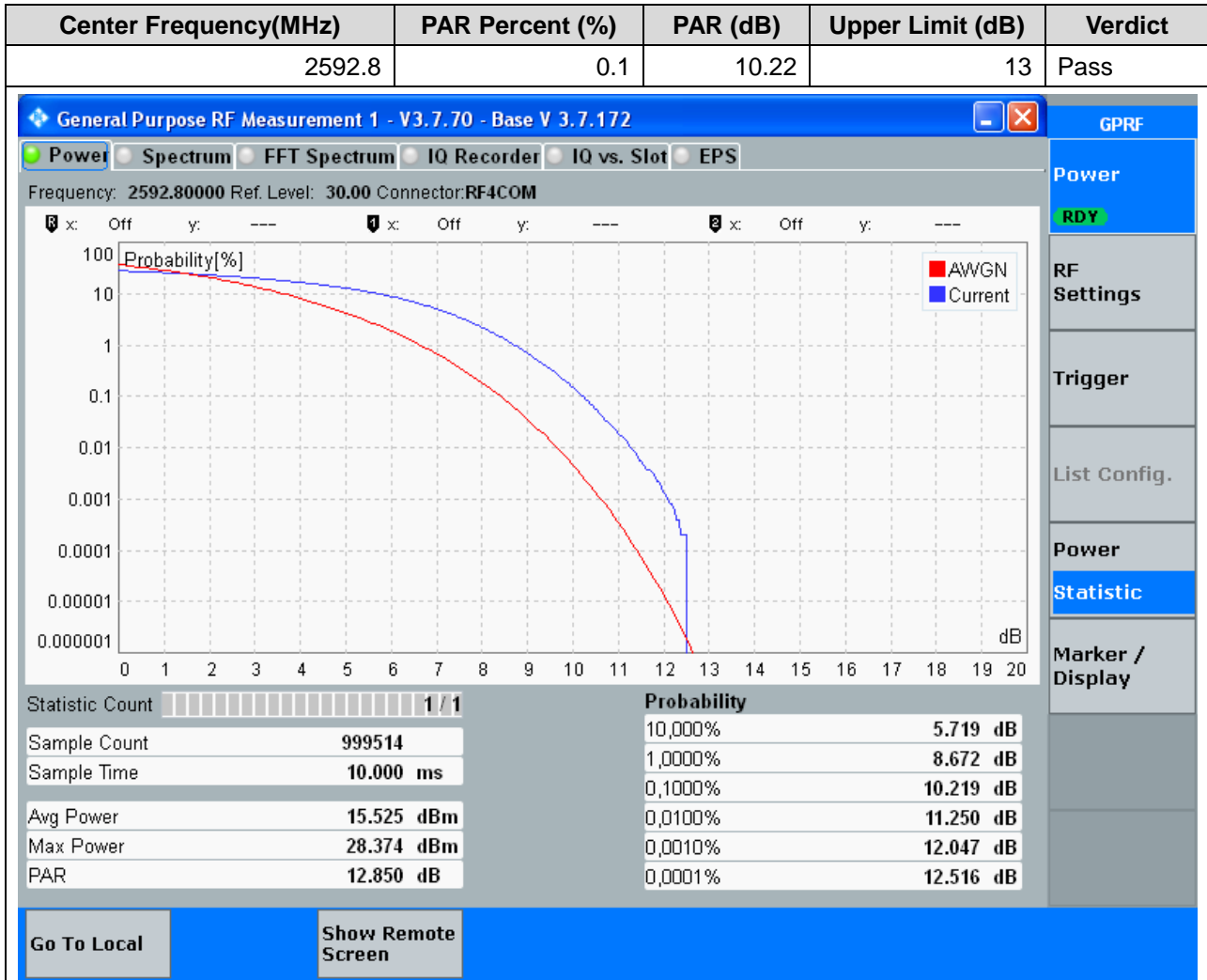
Statistic Count	1 / 1	Probability	
Sample Count	999512	10,000%	5.766 dB
Sample Time	10.000 ms	1,0000%	8.672 dB
Avg Power	15.510 dBm	0,1000%	10.172 dB
Max Power	28.848 dBm	0,0010%	12.281 dB
PAR	13.338 dB	0,0001%	12.750 dB

Go To Local Show Remote Screen

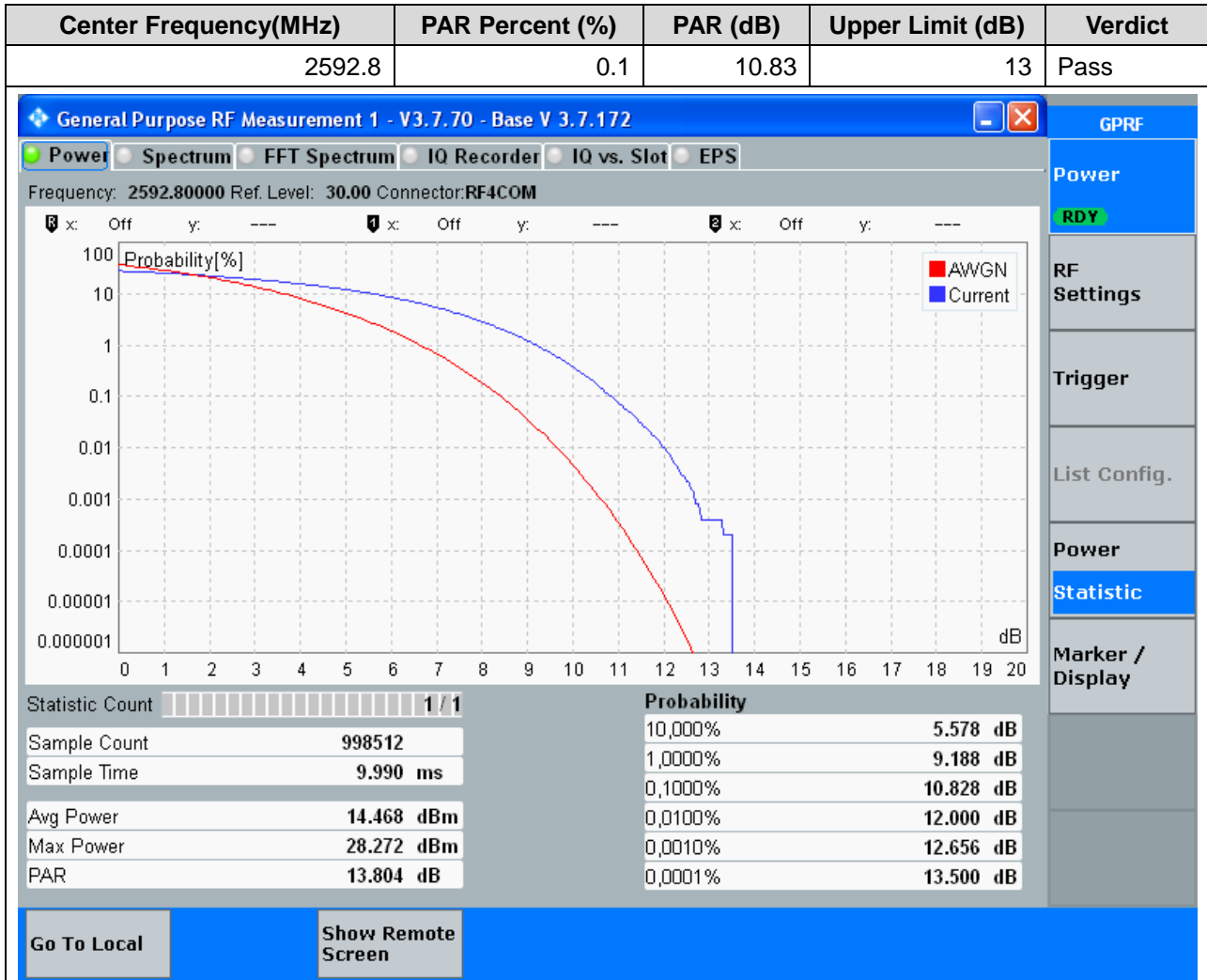
18.6. CA Peak to Average Ratio(NTNV)(Subtest:6, Channel:40526|40670, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



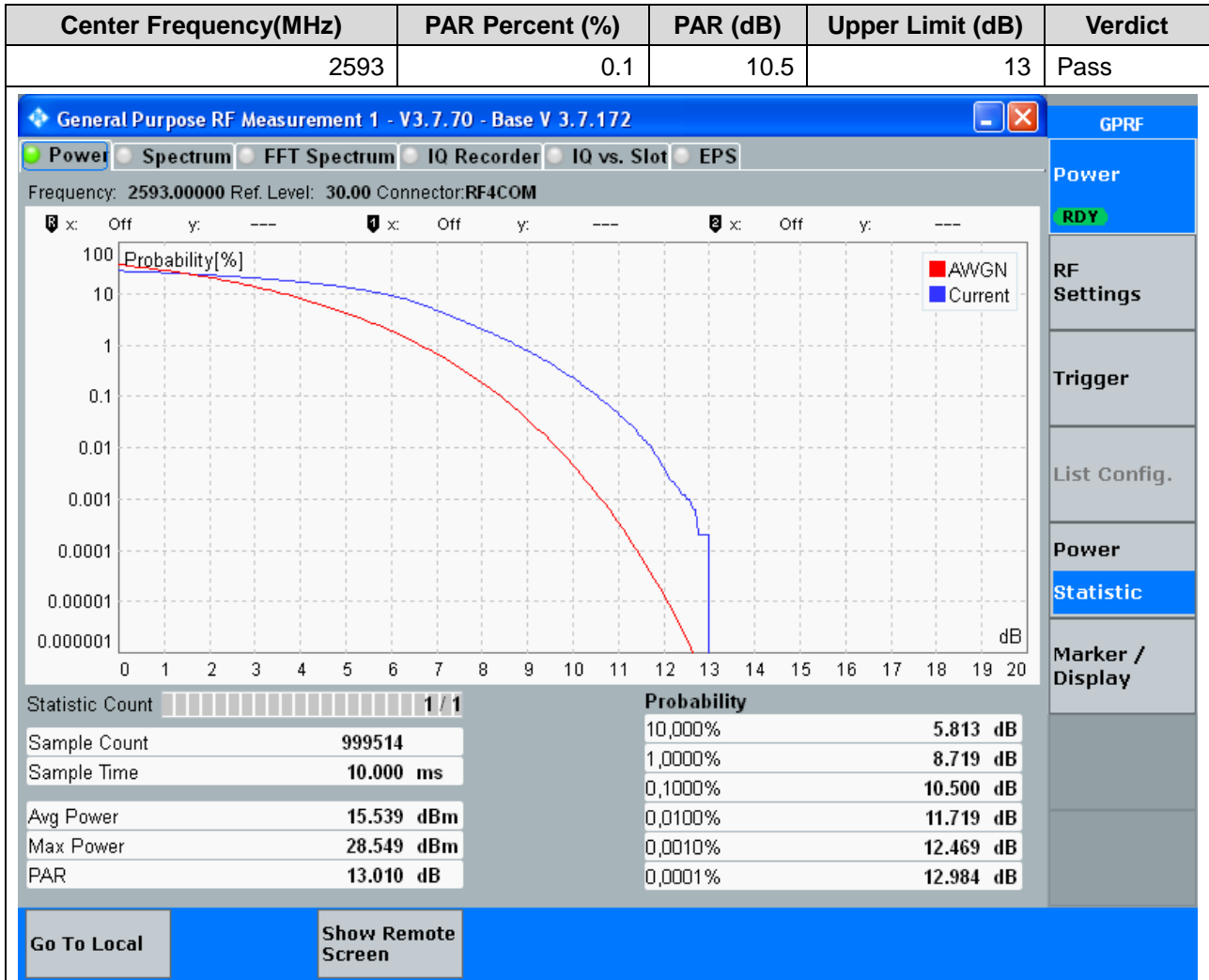
18.7. CA Peak to Average Ratio(NTNV)(Subtest:7, Channel:40571|40715, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



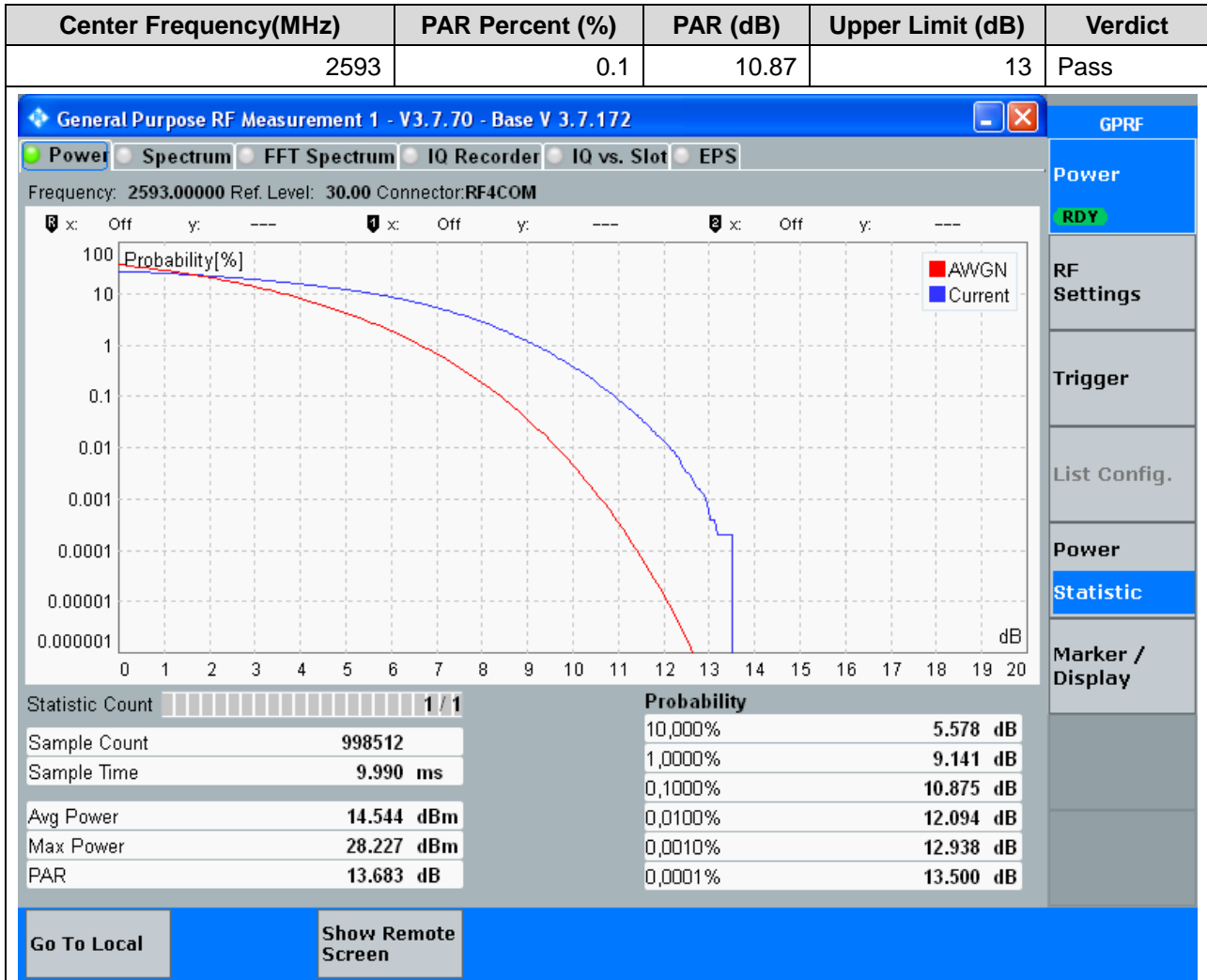
18.8. CA Peak to Average Ratio(NTNV)(Subtest:8, Channel:40571|40715, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



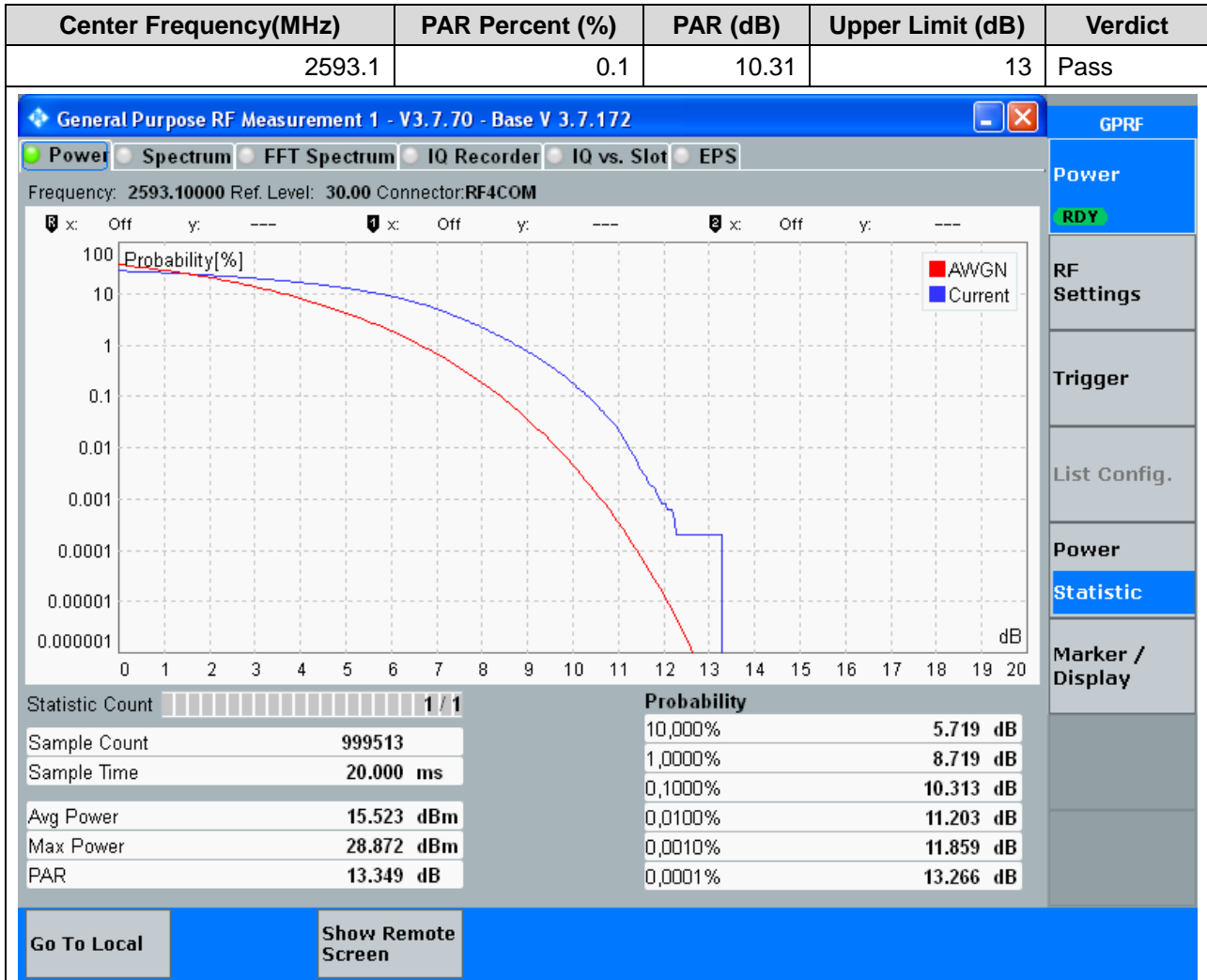
18.9. CA Peak to Average Ratio(NTNV)(Subtest:9, Channel:40545|40695, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



18.10. CA Peak to Average Ratio(NTNV)(Subtest:10, Channel:40545|40695, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



18.11. CA Peak to Average Ratio(NTNV)(Subtest:11, Channel:40523|40694, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



18.12. CA Peak to Average Ratio(NTNV)(Subtest:12, Channel:40523|40694, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593.1	0.1	10.92	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: 2593.10000 Ref. Level: 30.00 Connector:RF4COM
RDY

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

Probability	Value
10,000%	5.625 dB
1,0000%	9.234 dB
0,1000%	10.922 dB
0,0100%	12.094 dB
0,0010%	12.891 dB
0,0001%	13.172 dB

Statistic Count	Value
Sample Count	1023460
Sample Time	20.479 ms
Avg Power	14.380 dBm
Max Power	27.855 dBm
PAR	13.475 dB

Probability	Value
10,000%	5.625 dB
1,0000%	9.234 dB
0,1000%	10.922 dB
0,0100%	12.094 dB
0,0010%	12.891 dB
0,0001%	13.172 dB

Go To Local
Show Remote Screen

18.13. CA Peak to Average Ratio(NTNV)(Subtest:13, Channel:40546|40717, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2592.9	0.1	10.22	13	Pass

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

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2592.90000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	1 / 1	Probability	
Sample Count	999512	10,000%	5.719 dB
Sample Time	20.000 ms	1,0000%	8.719 dB
Avg Power	15.483 dBm	0,1000%	10.219 dB
Max Power	28.607 dBm	0,0010%	12.000 dB
PAR	13.124 dB	0,0001%	12.984 dB

Go To Local Show Remote Screen

18.14. CA Peak to Average Ratio(NTNV)(Subtest:14, Channel:40546|40717, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2592.9	0.1	10.92	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: 2592.90000 Ref. Level: 30.00 Connector:RF4COM

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

Statistic Count		Probability	
Sample Count	1023460	10,000%	5.578 dB
Sample Time	20.479 ms	1,0000%	9.188 dB
Avg Power	14.397 dBm	0,1000%	10.922 dB
Max Power	28.284 dBm	0,0010%	13.031 dB
PAR	13.887 dB	0,0001%	13.688 dB

Go To Local
Show Remote Screen

18.15. CA Peak to Average Ratio(NTNV)(Subtest:15, Channel:40521|40719, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	10.36	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: 2593.00000 Ref. Level: 30.00 Connector:RF4COM

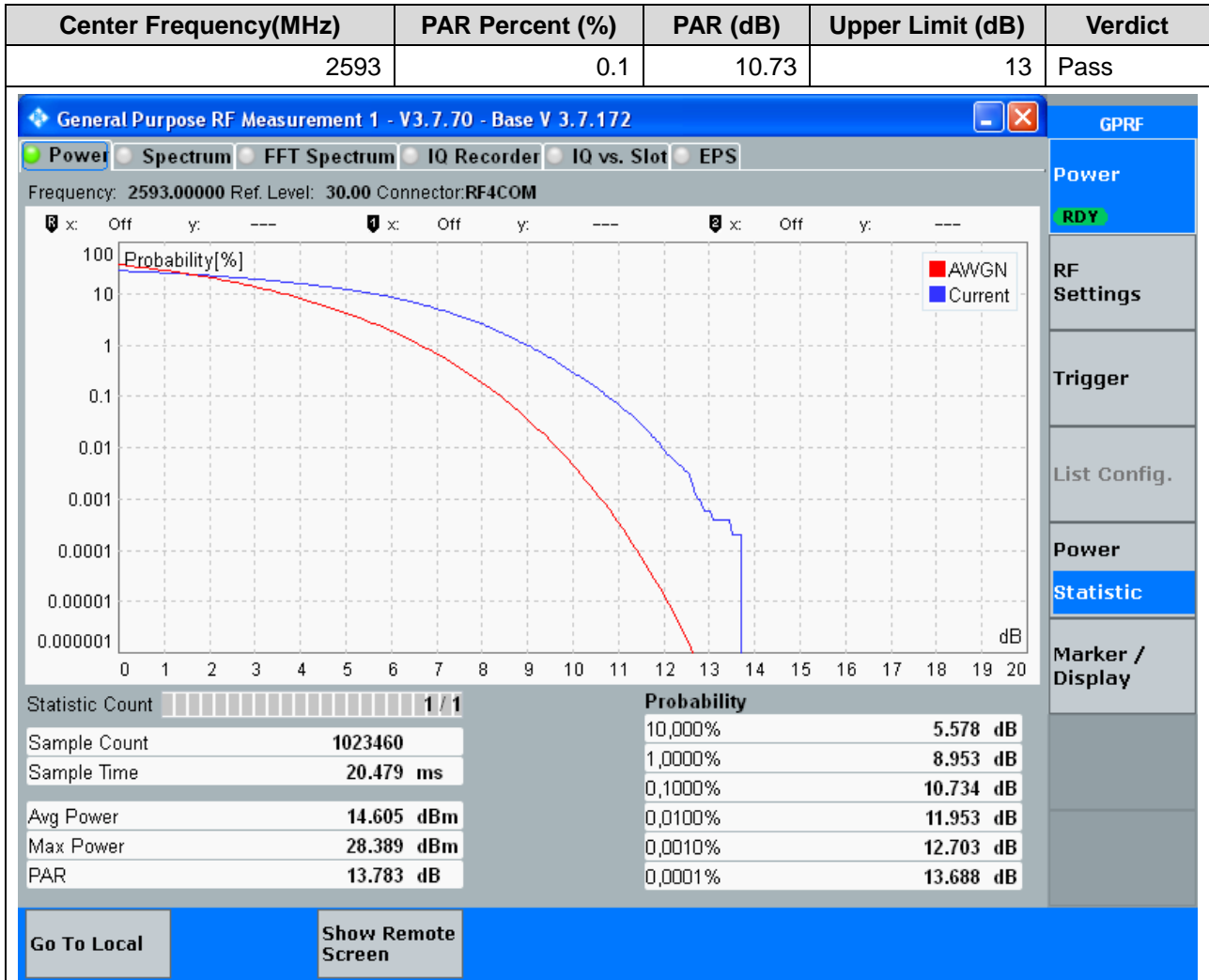
x: Off y: ---
x: Off y: ---
x: Off y: ---

Statistic Count	
Sample Count	999512
Sample Time	20.000 ms
Avg Power	15.439 dBm
Max Power	28.109 dBm
PAR	12.670 dB

Probability	
10,000%	5.813 dB
1,0000%	8.625 dB
0,1000%	10.359 dB
0,0100%	11.531 dB
0,0010%	12.094 dB
0,0001%	12.516 dB

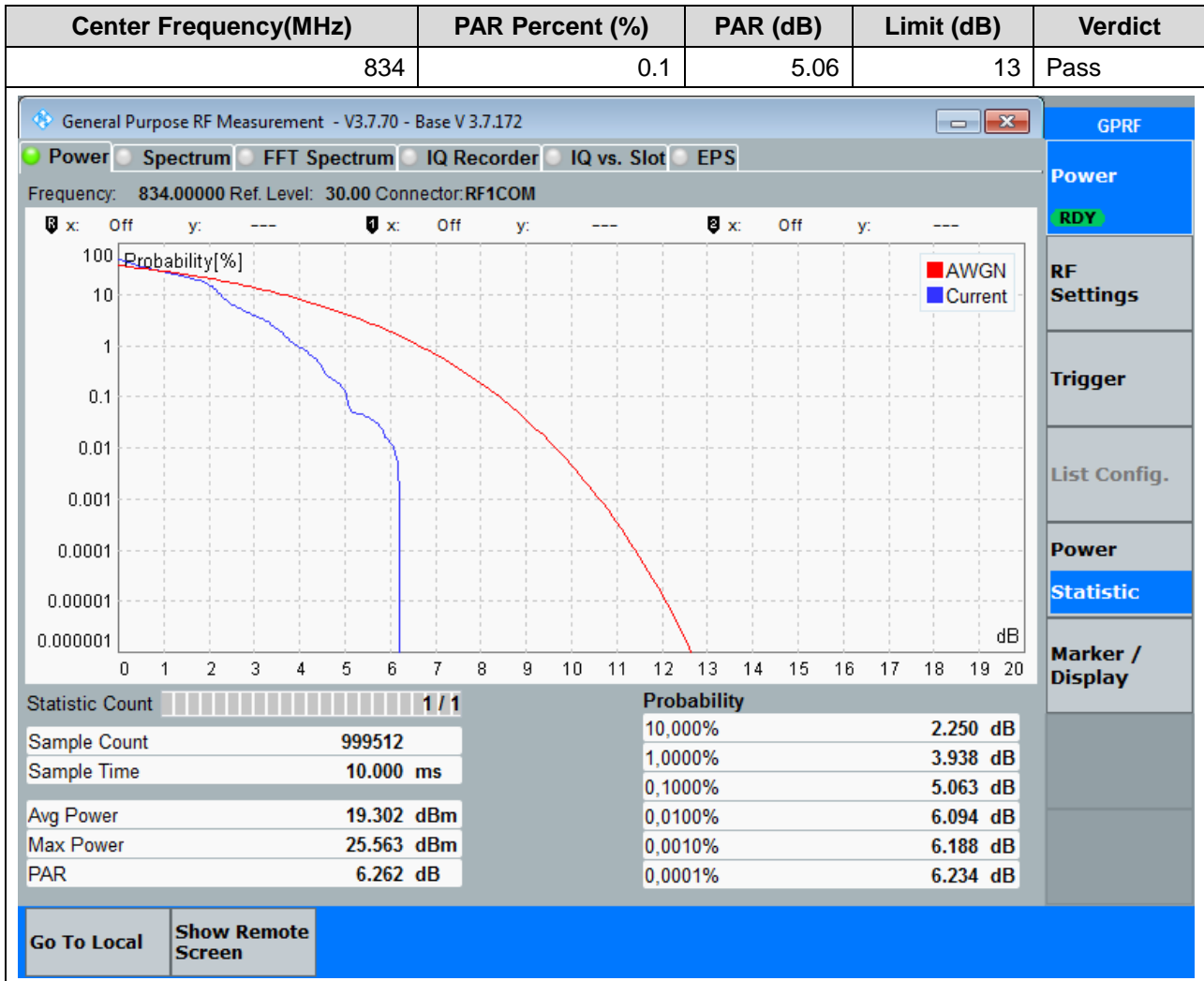
Go To Local
Show Remote Screen

18.16. CA Peak to Average Ratio(NTNV)(Subtest:16, Channel:40521|40719, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



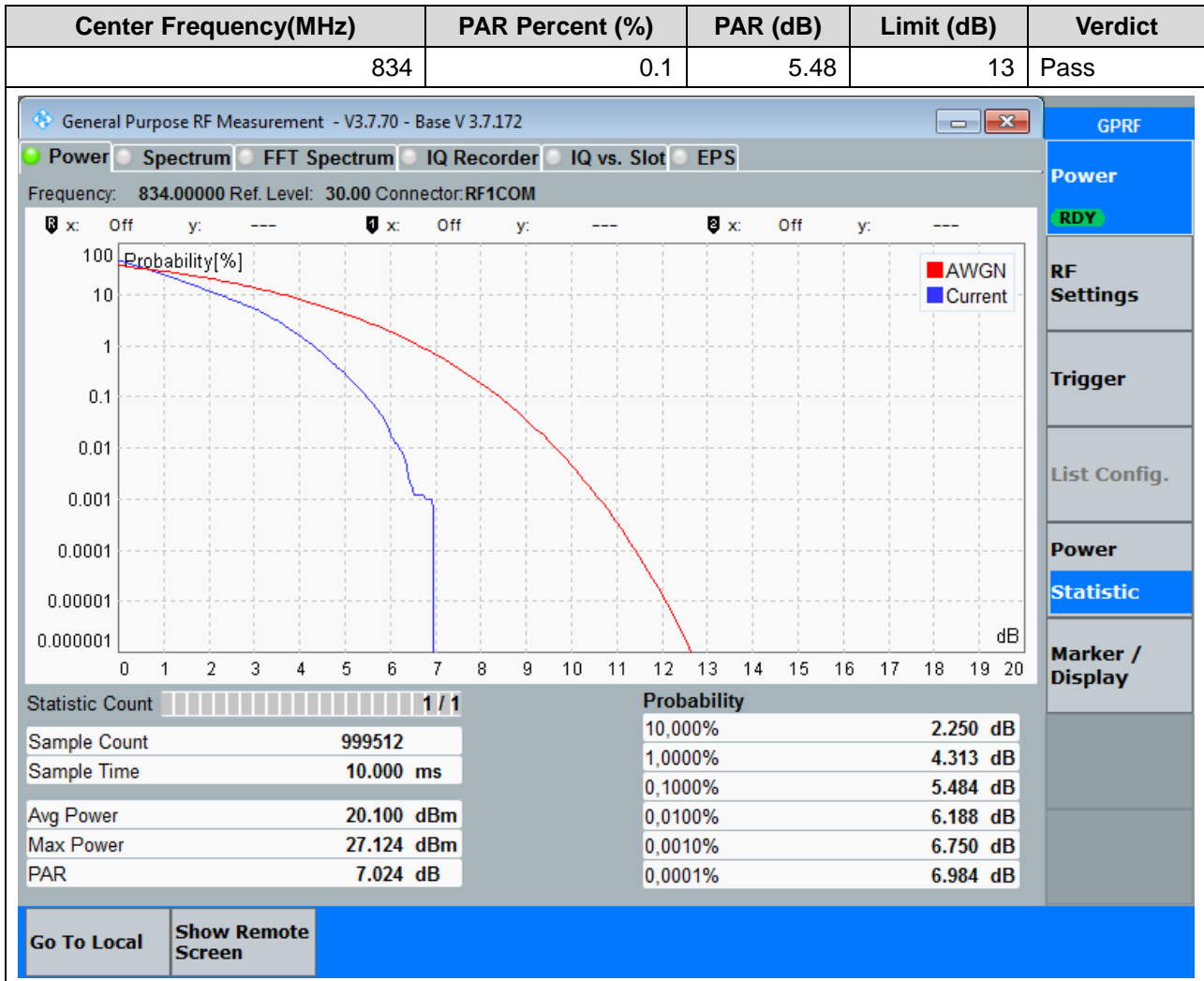
19. NR_n5_SCS15_20M_L_Edge_1RB_Left(QPSK)

19.1. NR Peak to Average Ratio(NTNV)



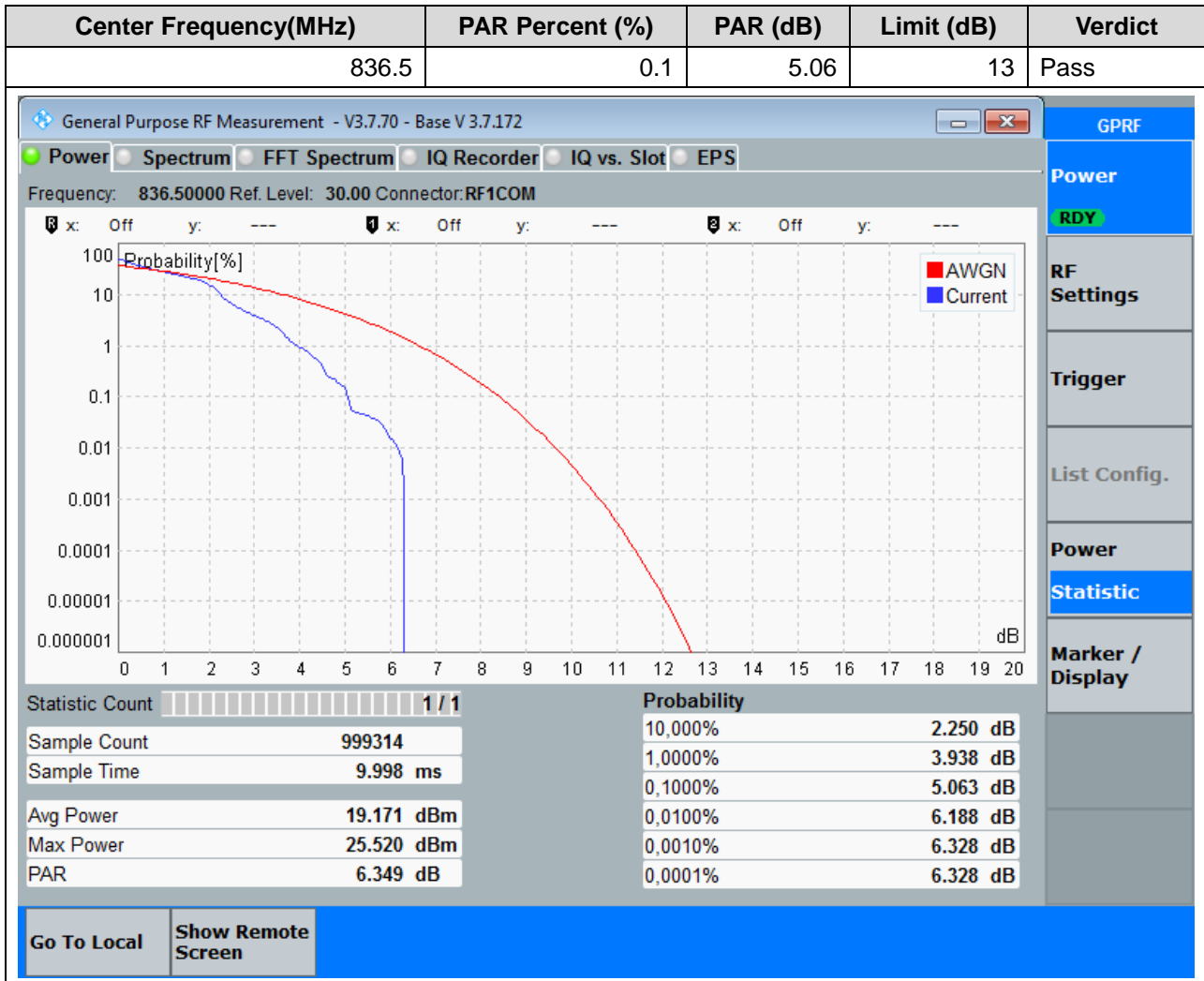
19. NR_n5_SCS15_20M_L_Outer Full(QPSK)

19.2. NR Peak to Average Ratio(NTNV)



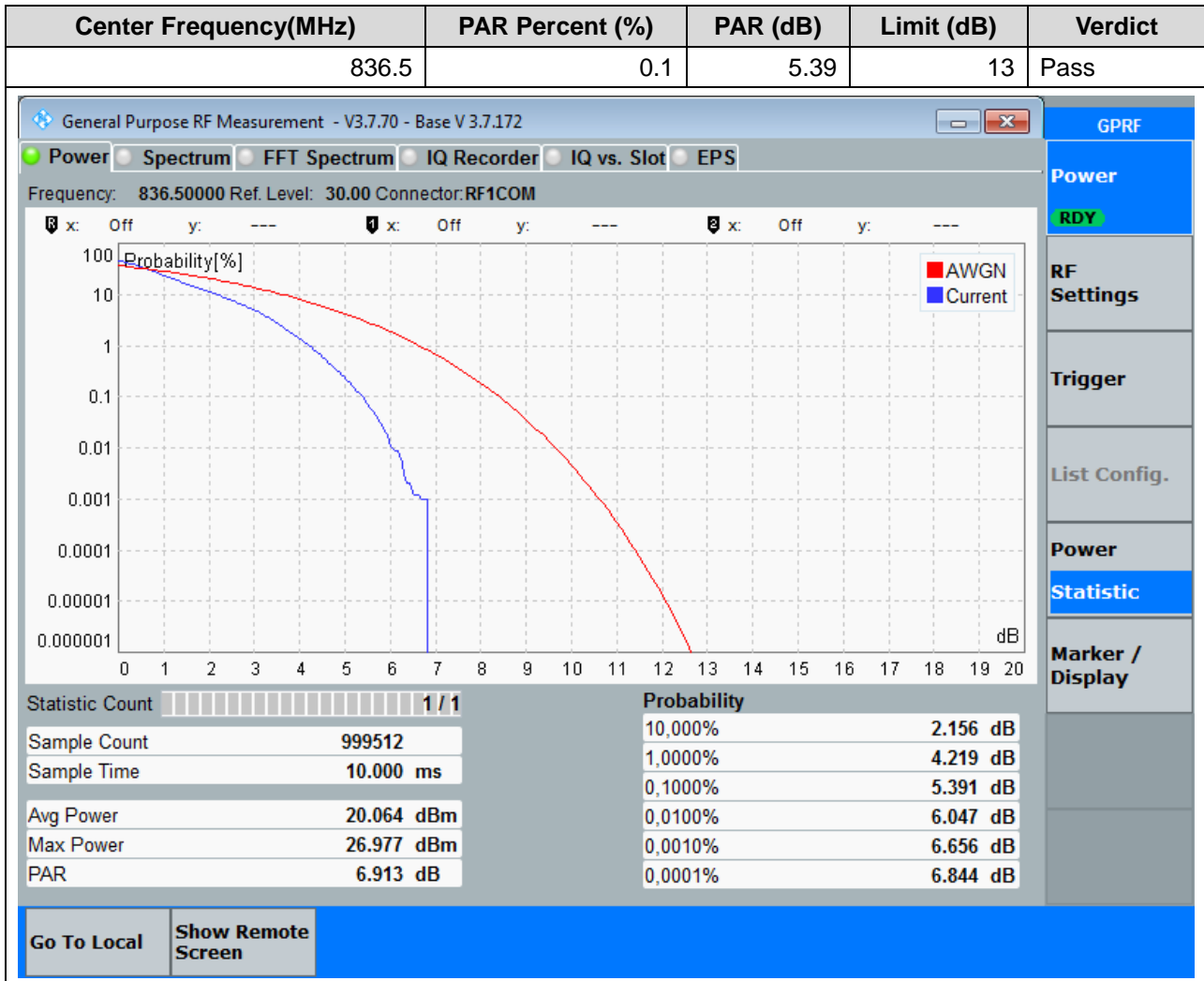
19. NR_n5_SCS15_20M_M_Edge_1RB_Left(QPSK)

19.3. NR Peak to Average Ratio(NTNV)



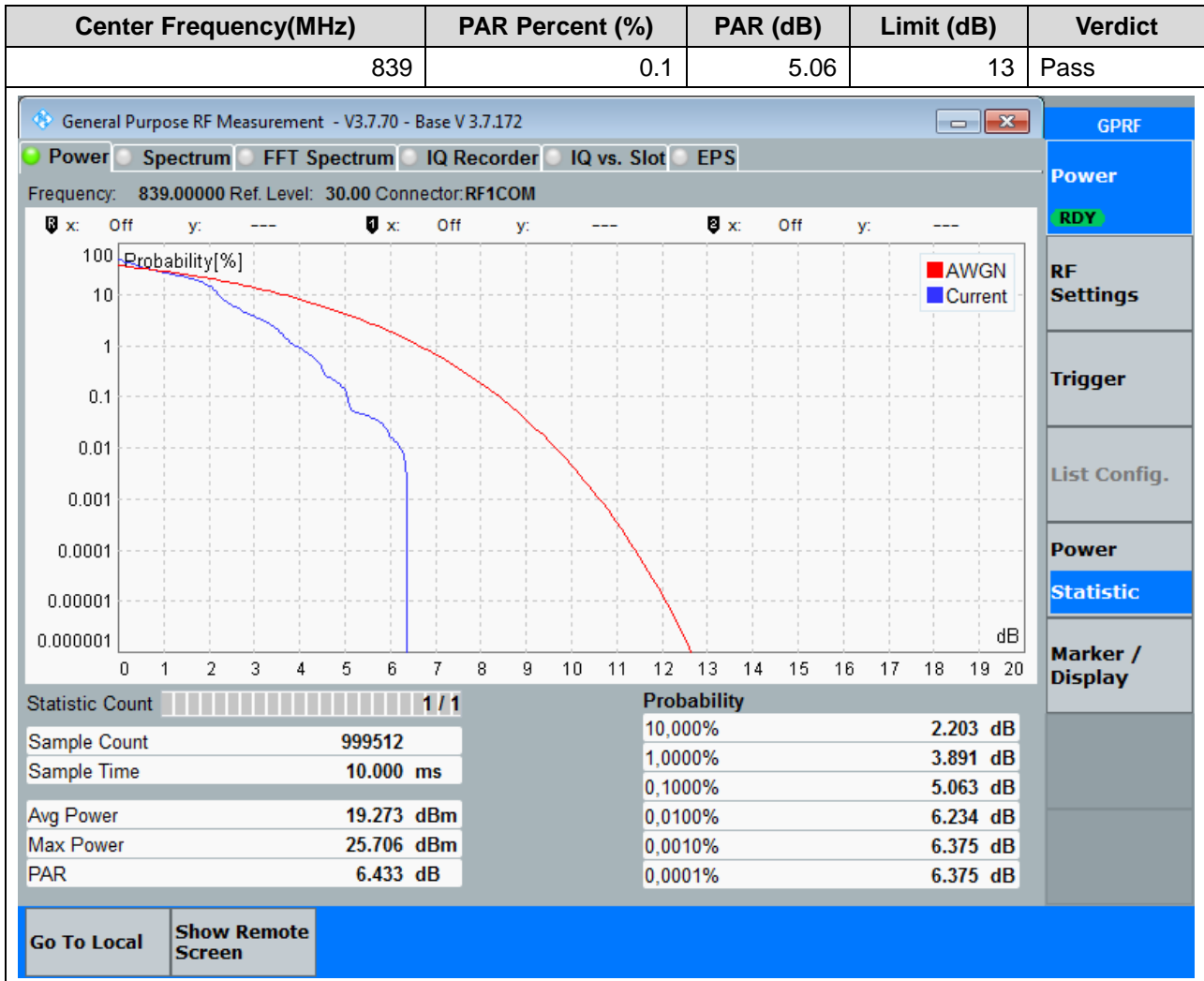
19. NR_n5_SCS15_20M_M_Outer Full(QPSK)

19.4 NR Peak to Average Ratio(NTNV)



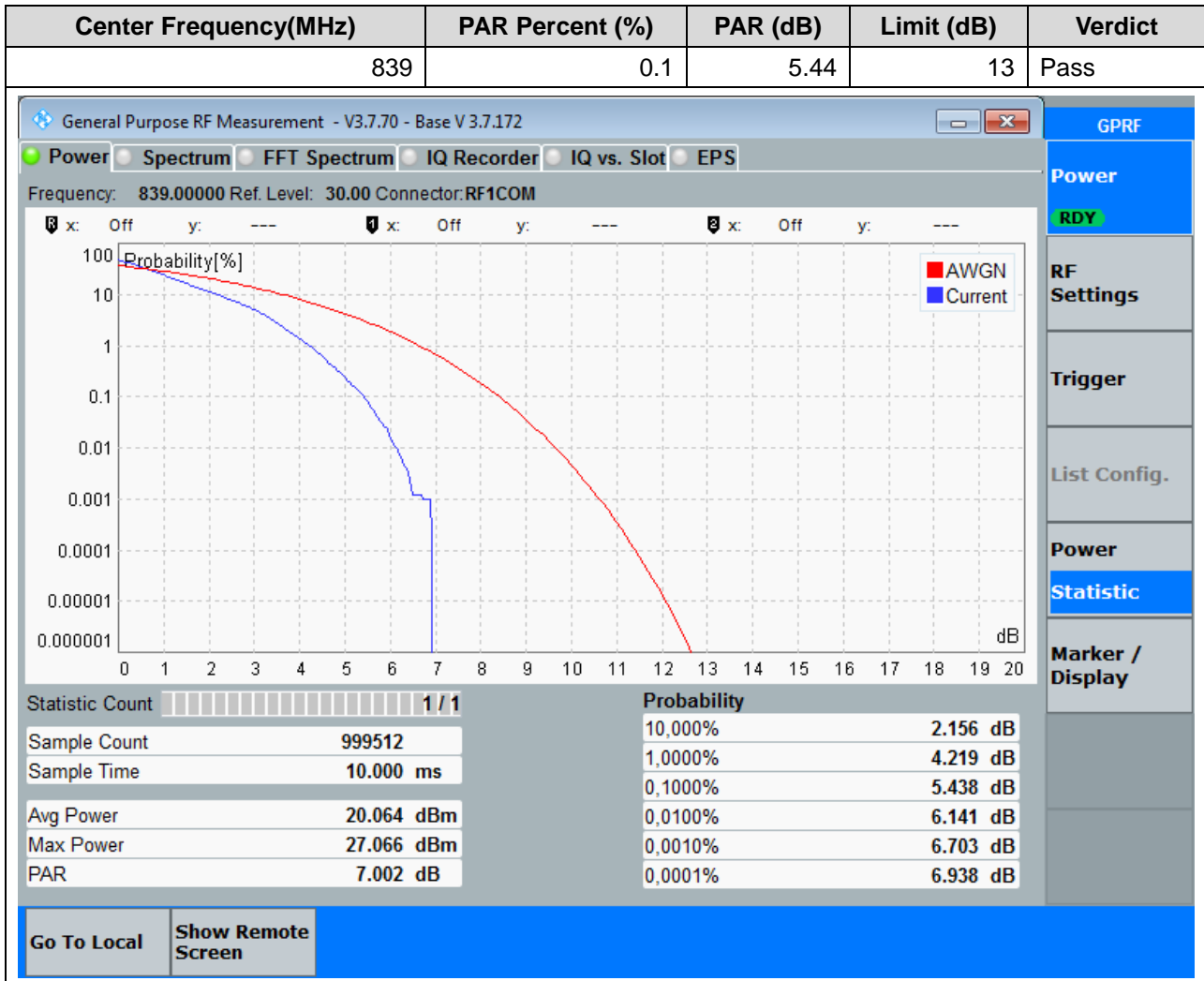
19. NR_n5_SCS15_20M_H_Edge_1RB_Left(QPSK)

19.5. NR Peak to Average Ratio(NTNV)



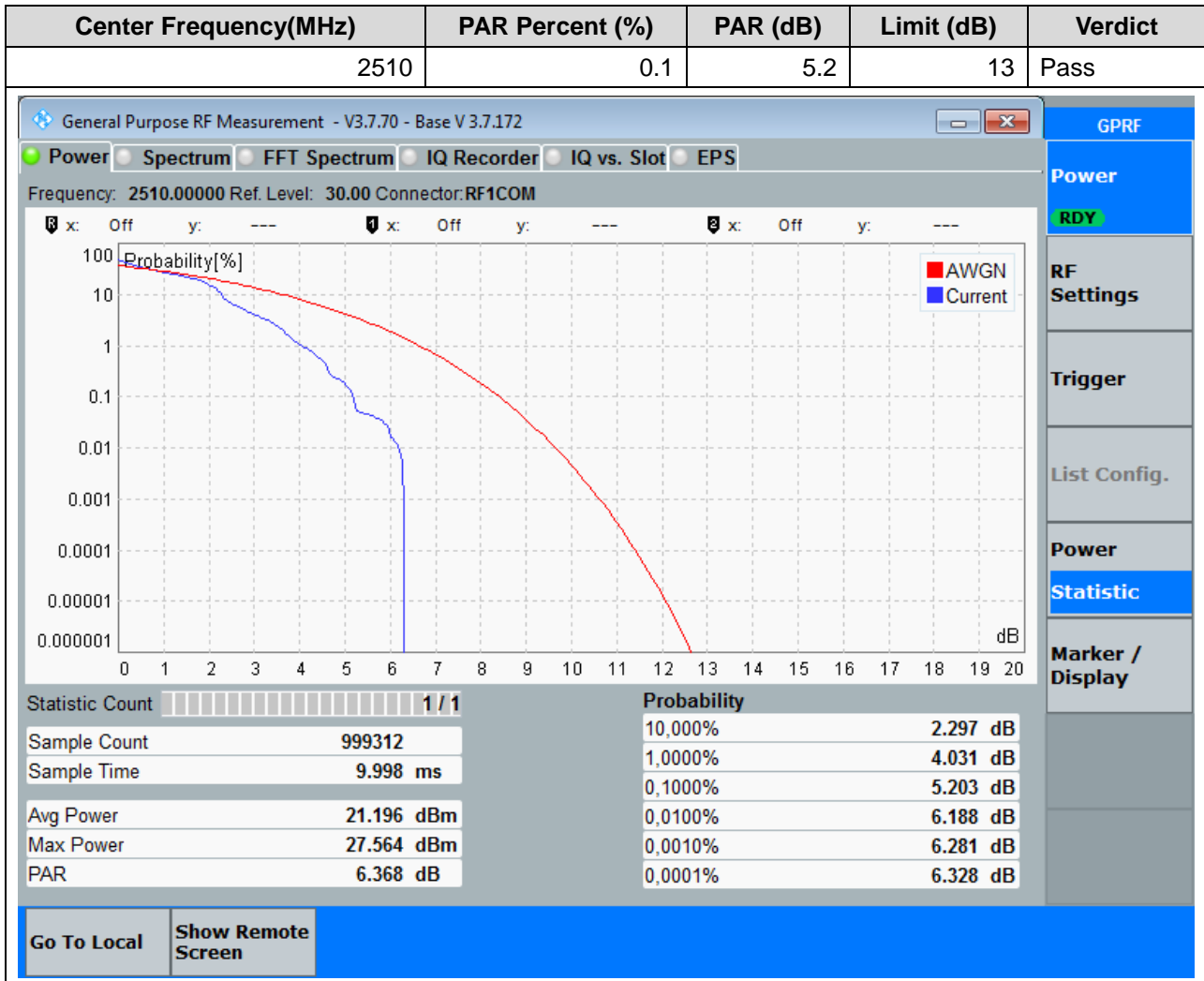
19. NR_n5_SCS15_20M_H_Outer Full(QPSK)

19.6. NR Peak to Average Ratio(NTNV)



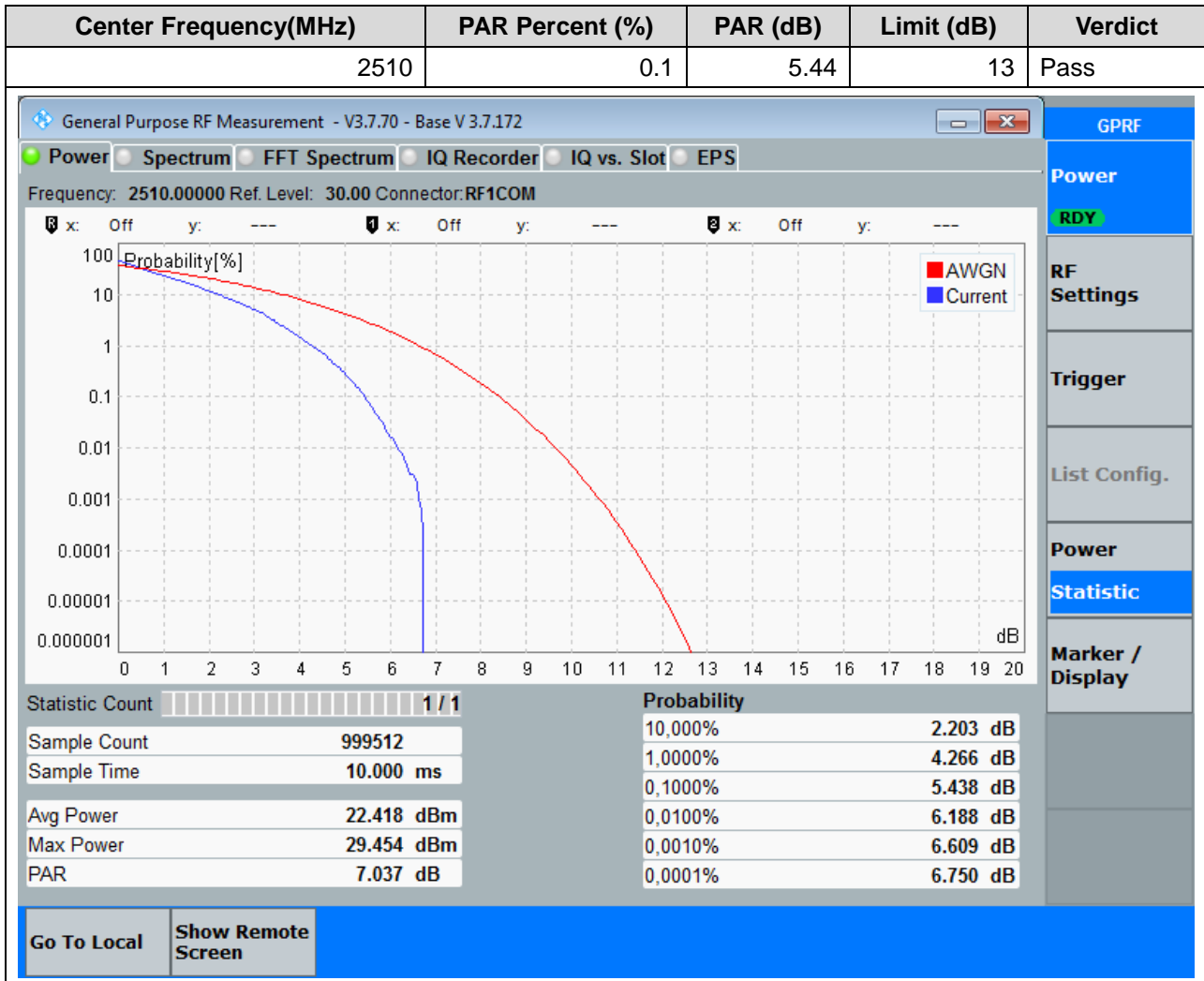
20. NR_n7_SCS15_20M_L_Edge_1RB_Left(QPSK)

20.1. NR Peak to Average Ratio(NTNV)



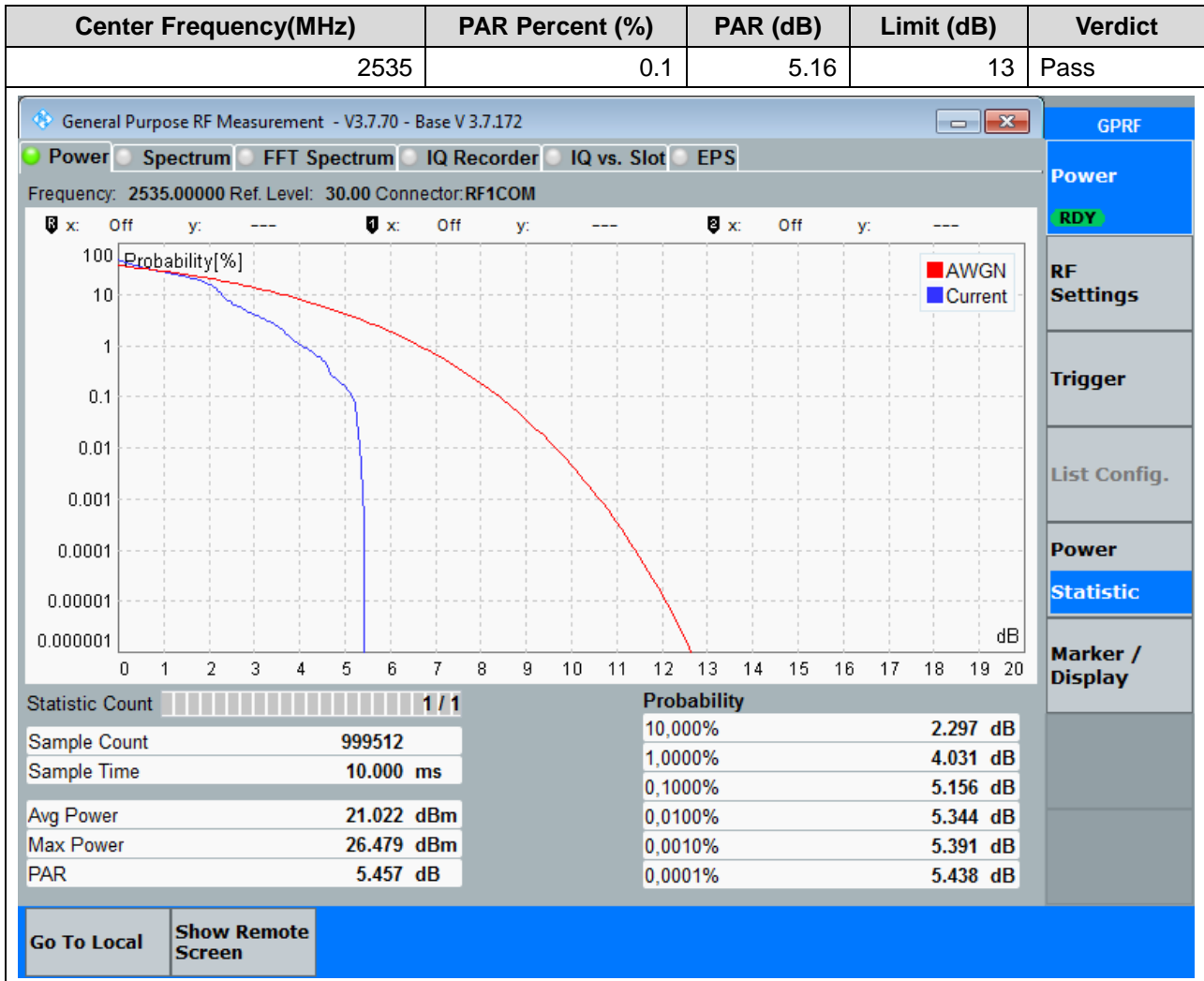
20. NR_n7_SCS15_20M_L_Outer Full(QPSK)

20.2. NR Peak to Average Ratio(NTNV)



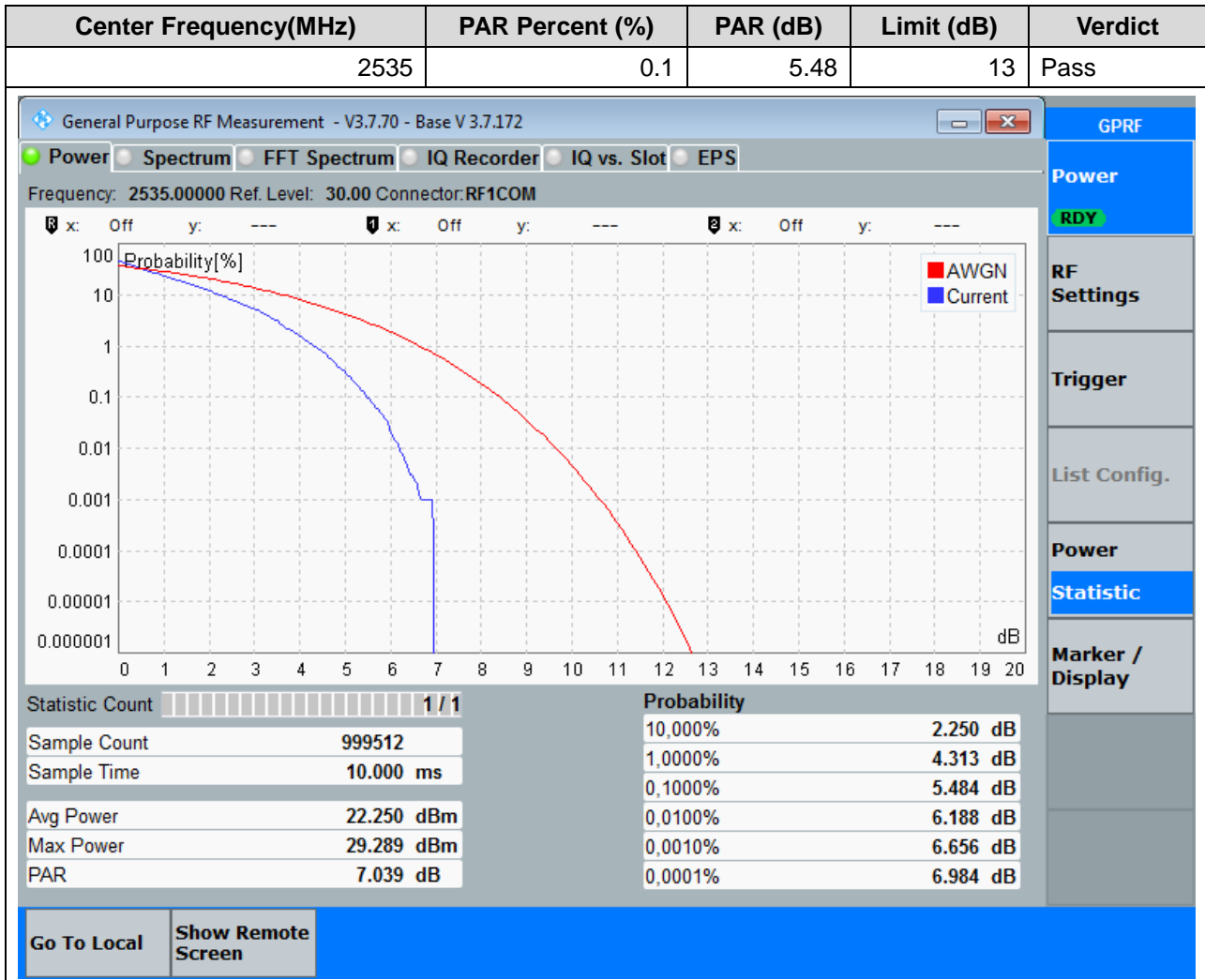
20. NR_n7_SCS15_20M_M_Edge_1RB_Left(QPSK)

20.3. NR Peak to Average Ratio(NTNV)



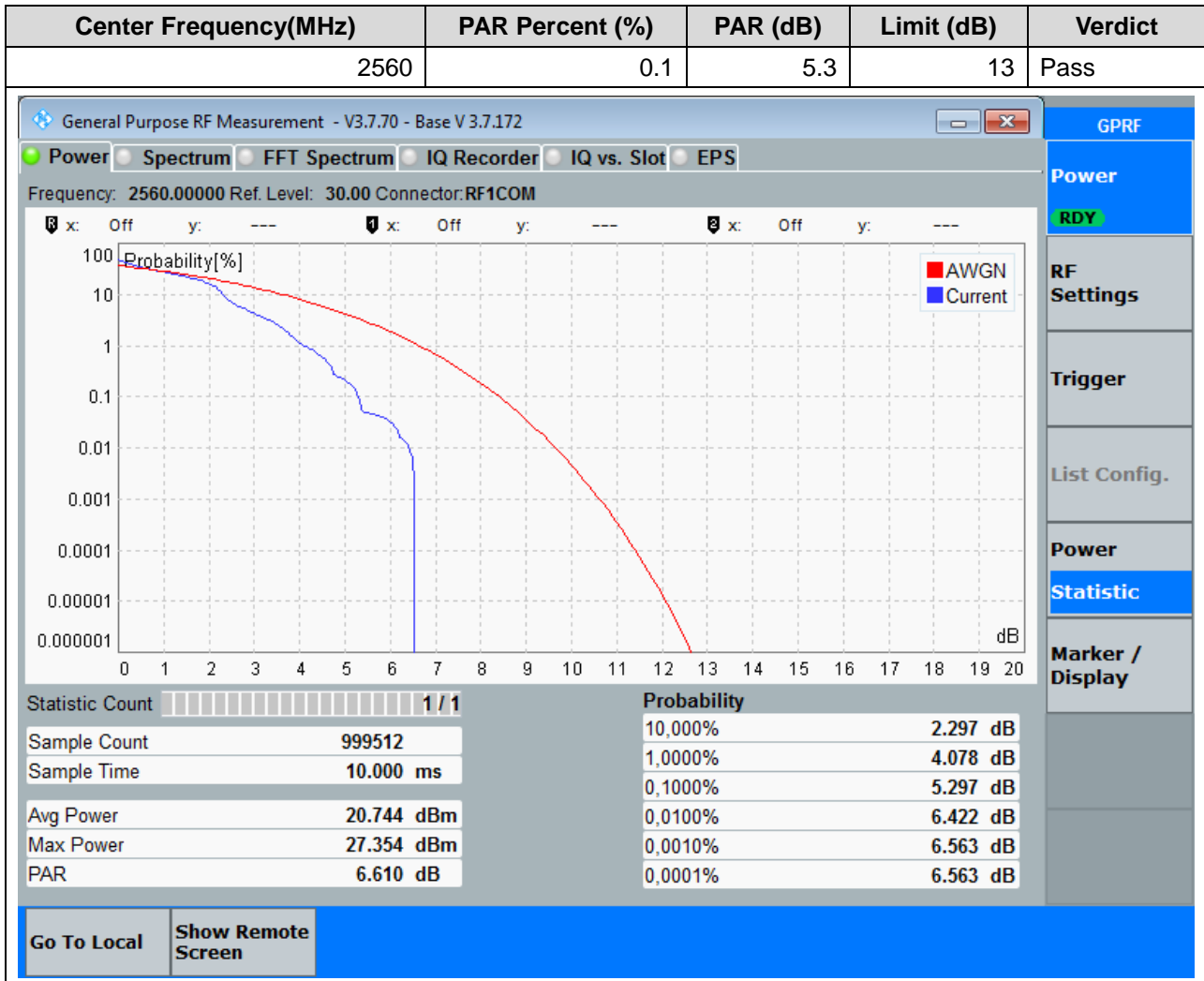
20. NR_n7_SCS15_20M_M_Outer Full(QPSK)

20.4. NR Peak to Average Ratio(NTNV)



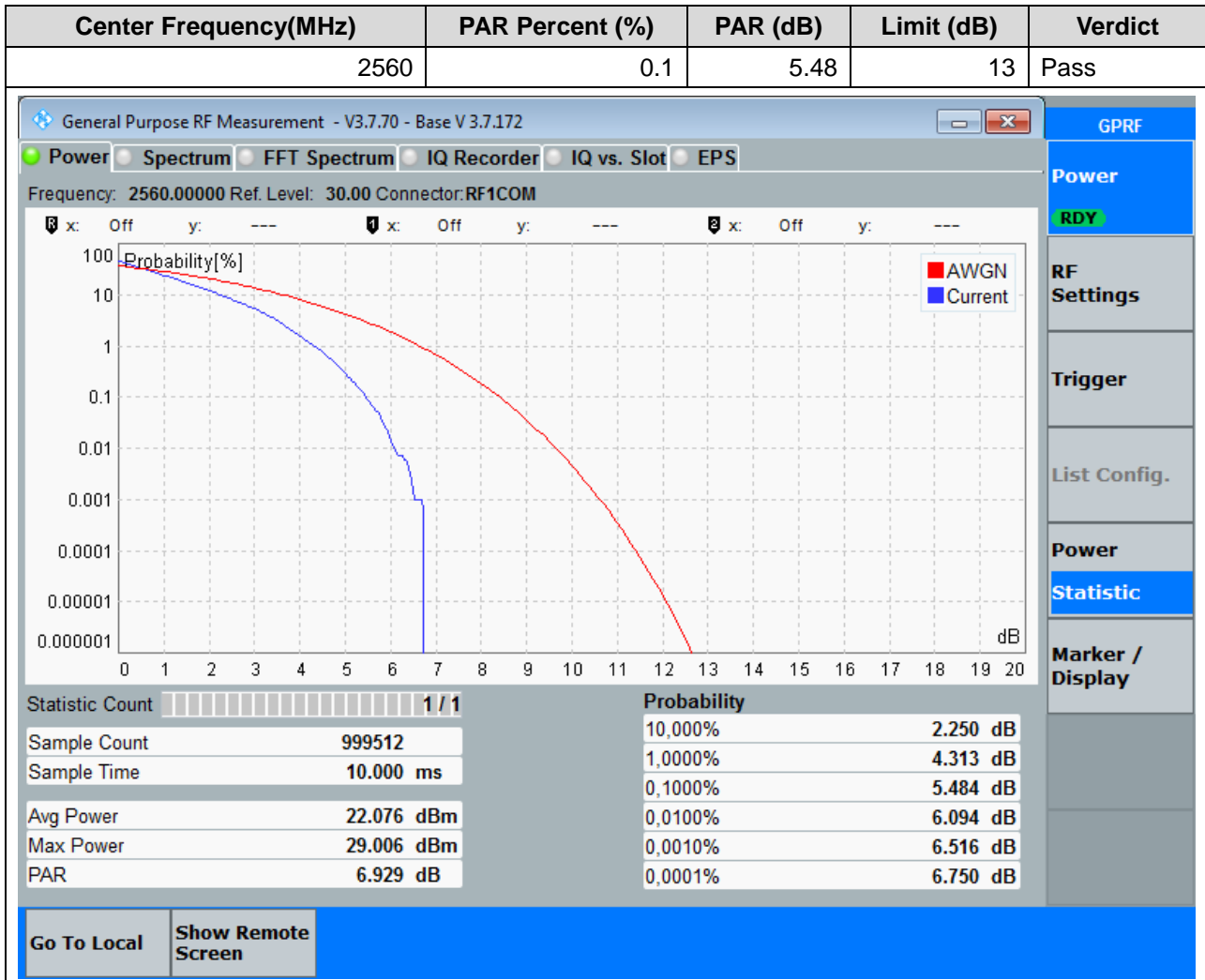
20. NR_n7_SCS15_20M_H_Edge_1RB_Left(QPSK)

20.5. NR Peak to Average Ratio(NTNV)



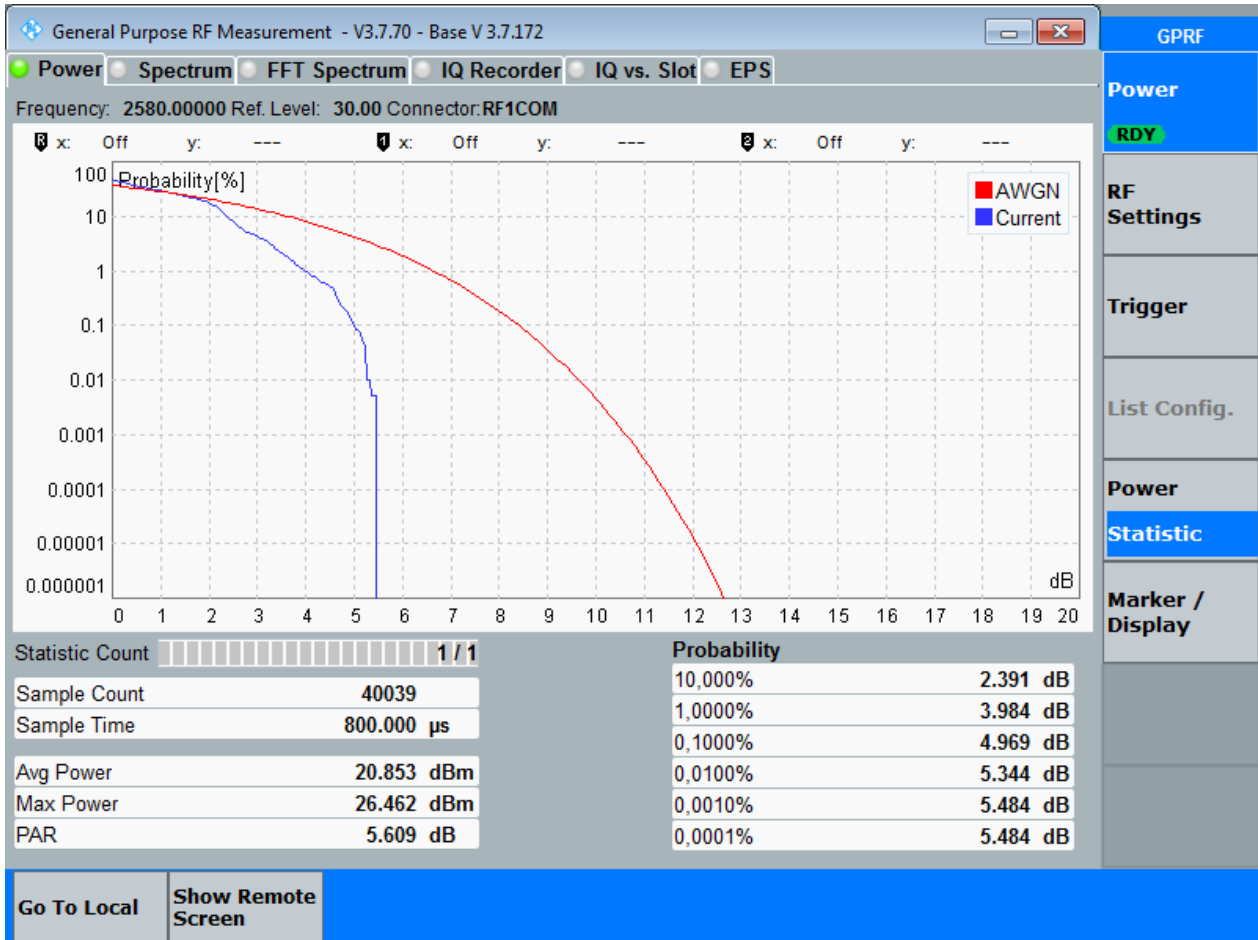
20. NR_n7_SCS15_20M_H_Outer Full(QPSK)

20.6. NR Peak to Average Ratio(NTNV)



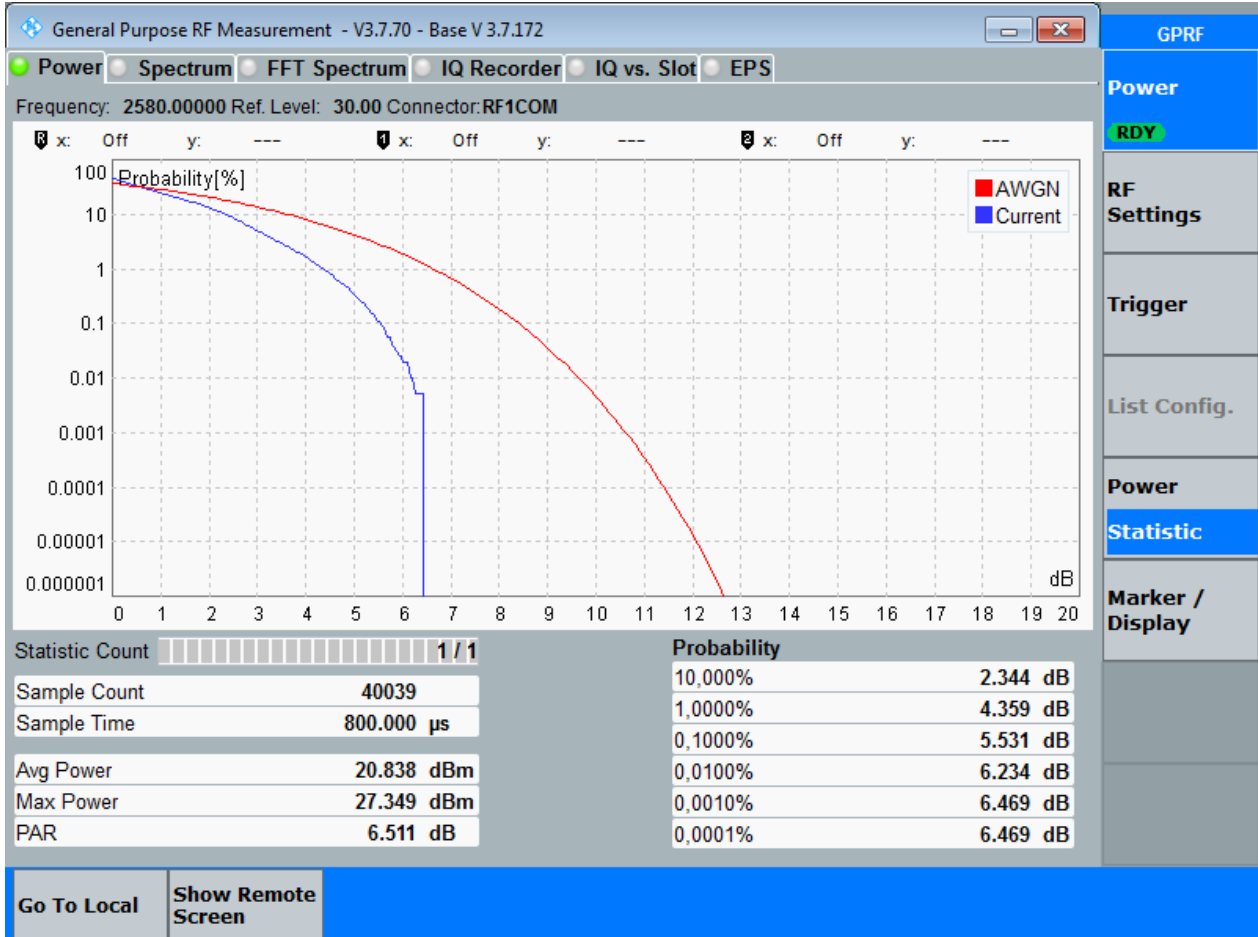
21. NR_n38_SCS30_20M_L_Edge_1RB_Left(QPSK)

21.1. NR Peak to Average Ratio_TDD(NTNV)



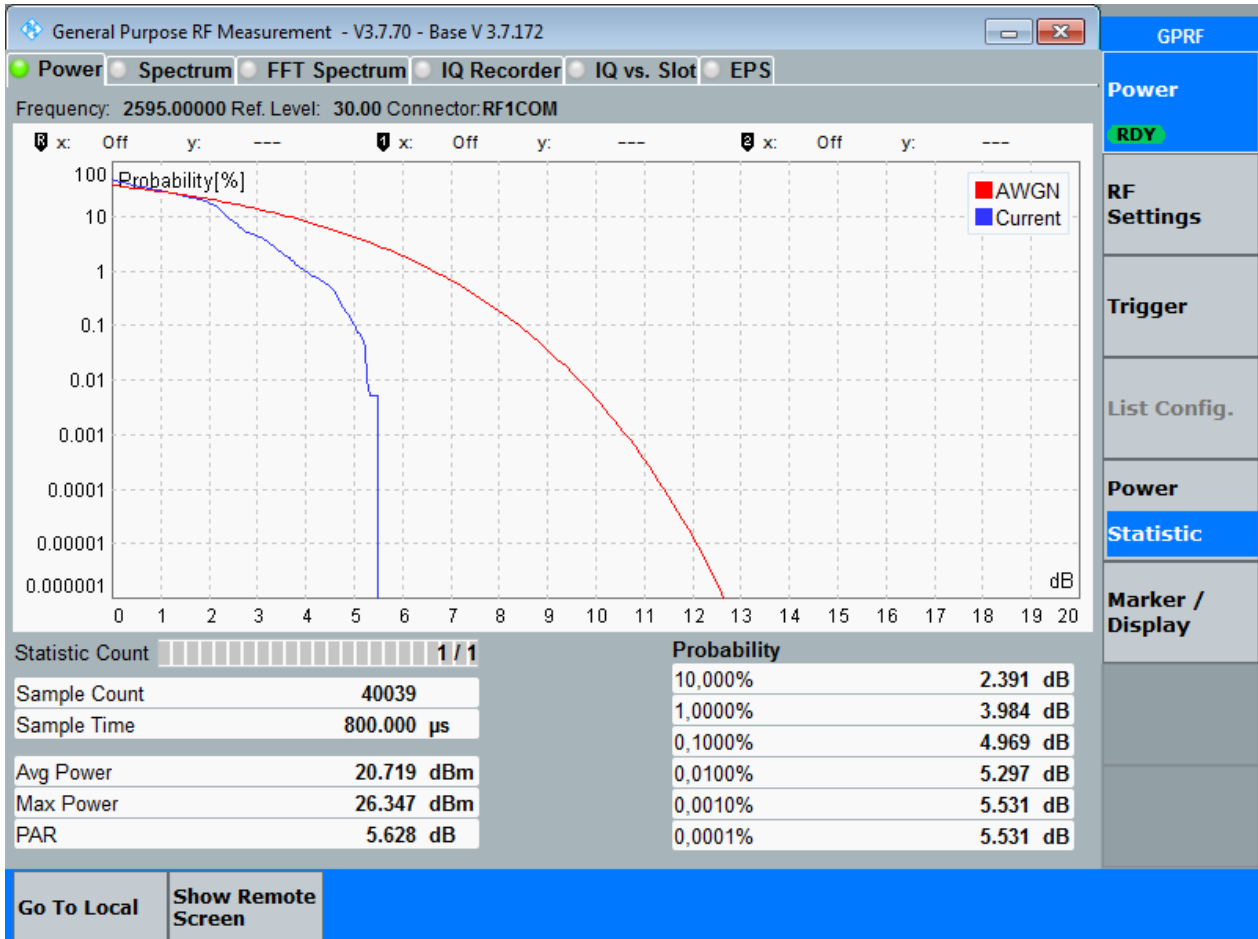
21. NR_n38_SCS30_20M_L_Outer Full(QPSK)

21.2. NR Peak to Average Ratio_TDD(NTNV)



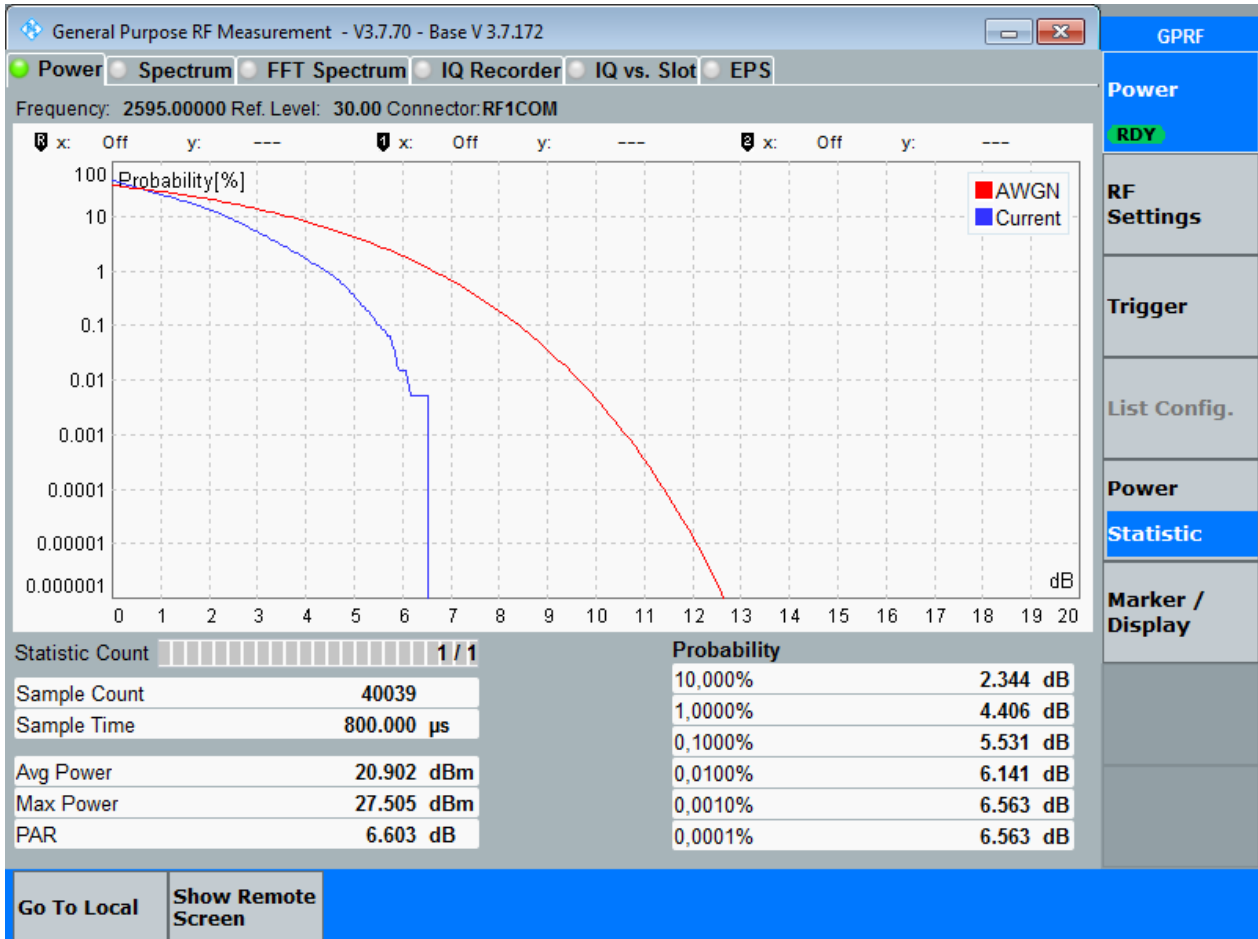
21. NR_n38_SCS30_20M_M_Edge_1RB_Left(QPSK)

21.3. NR Peak to Average Ratio_TDD(NTNV)



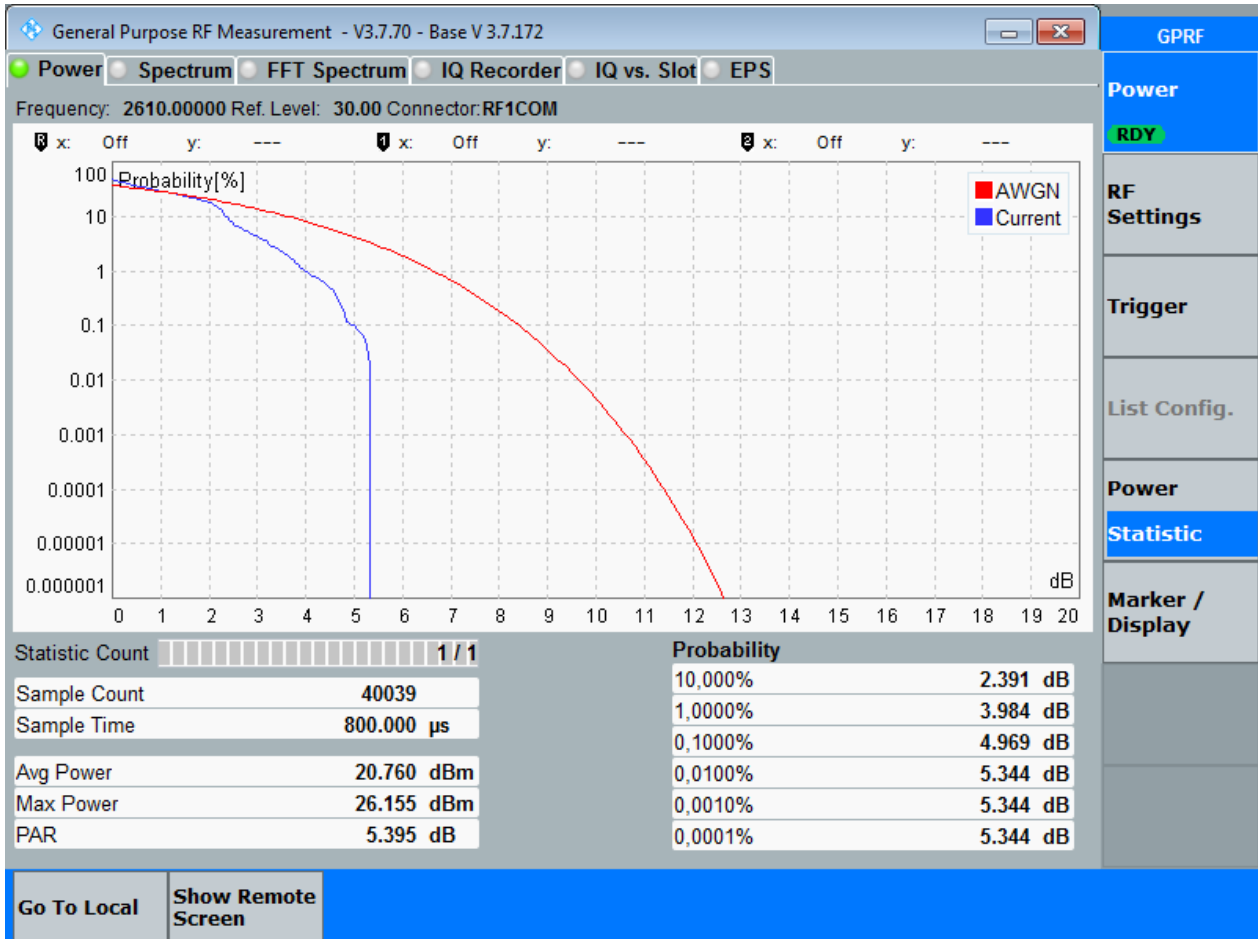
21. NR_n38_SCS30_20M_M_Outer Full(QPSK)

21.4. NR Peak to Average Ratio_TDD(NTNV)



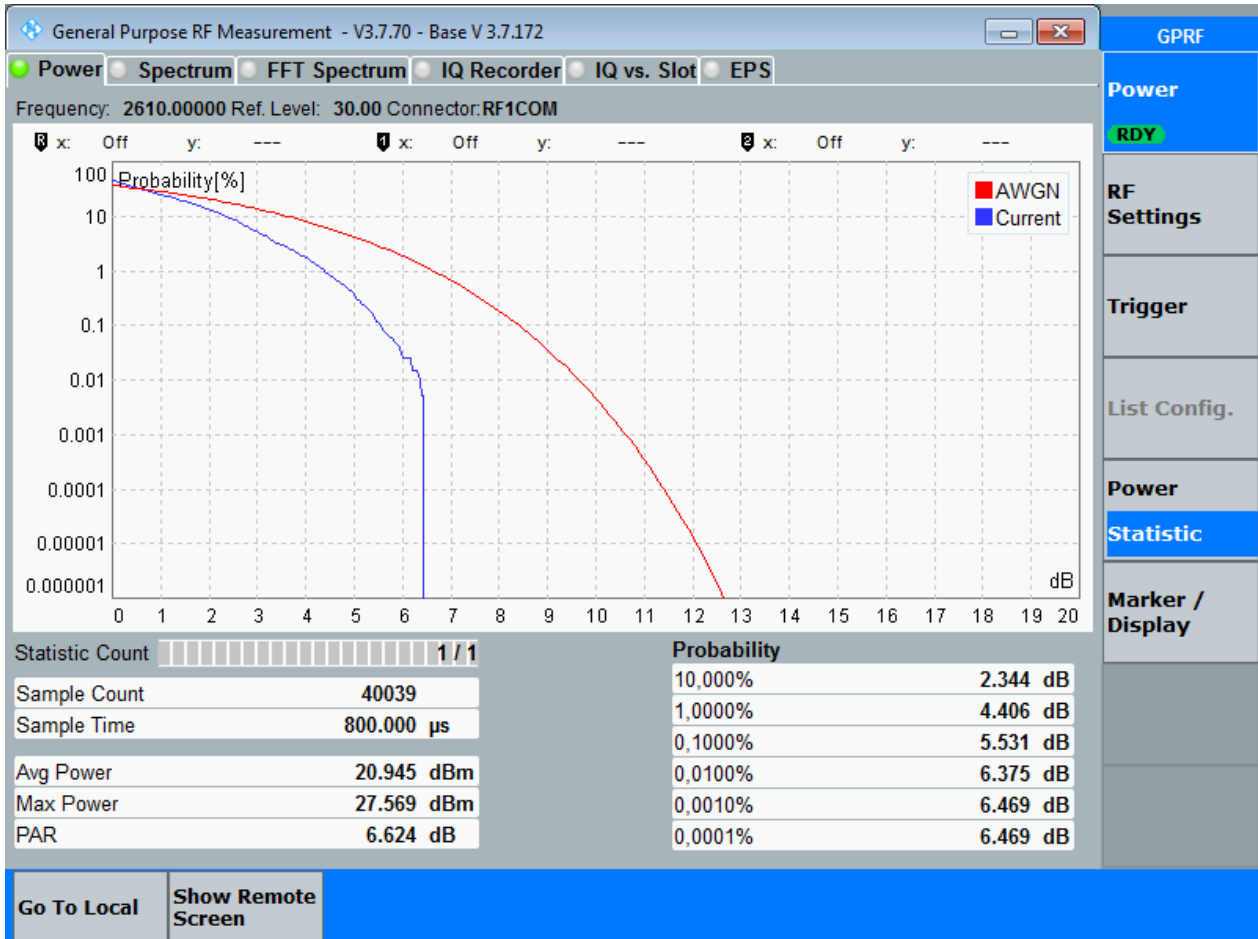
21. NR_n38_SCS30_20M_H_Edge_1RB_Left(QPSK)

21.5. NR Peak to Average Ratio_TDD(NTNV)



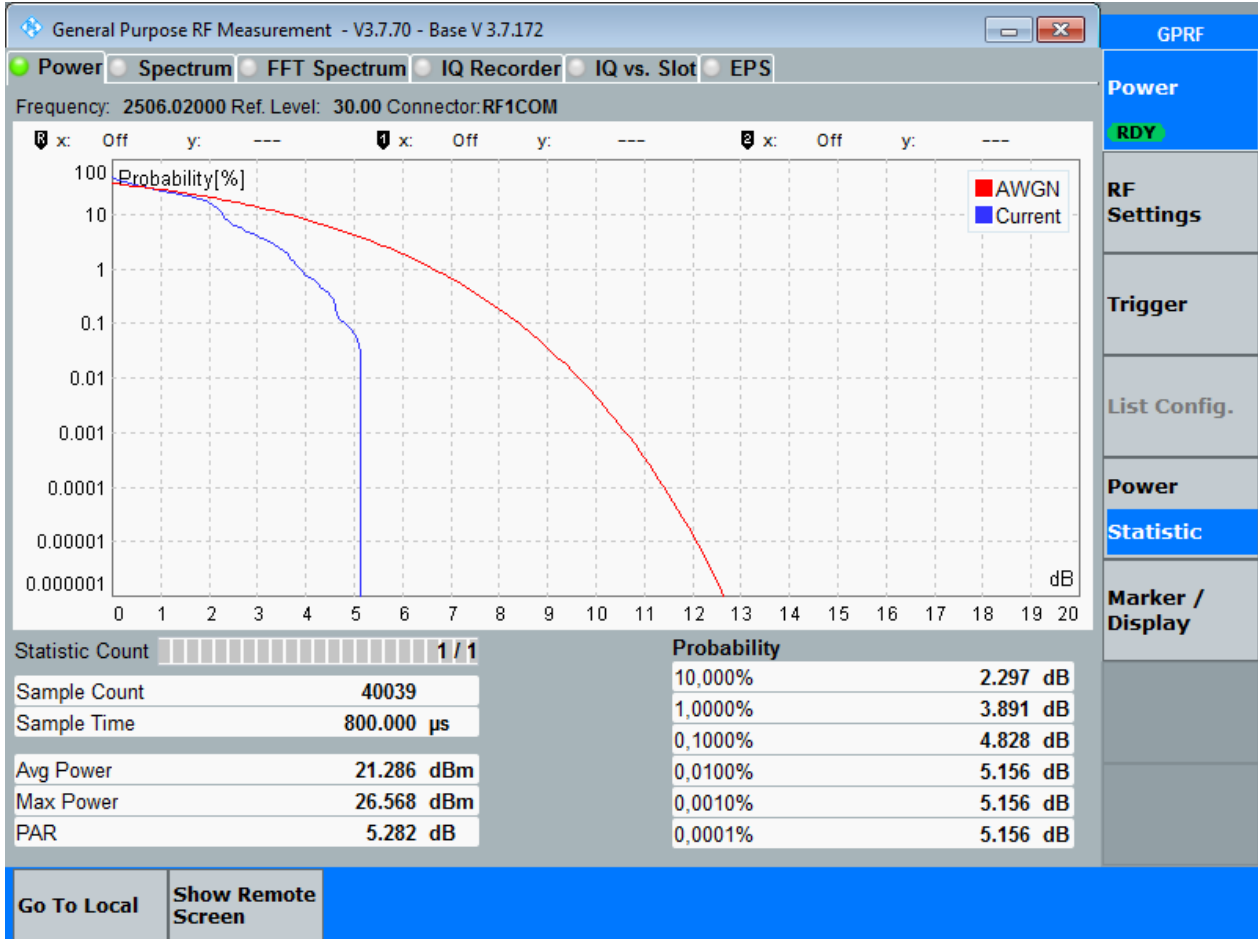
21. NR_n38_SCS30_20M_H_Outer Full(QPSK)

21.6. NR Peak to Average Ratio_TDD(NTNV)



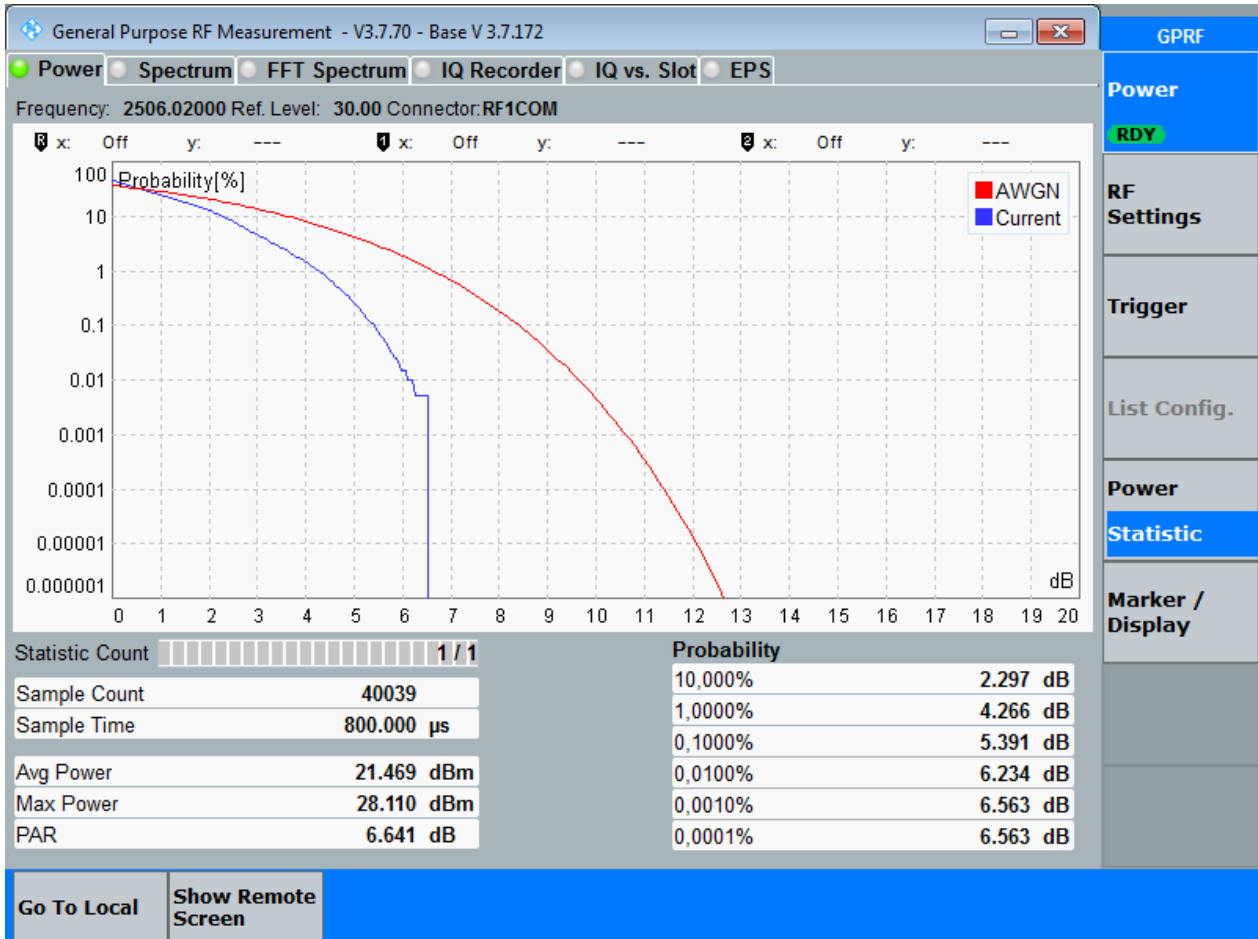
22. NR_n41_SCS30_20M_L_Edge_1RB_Left(QPSK)

22.1. NR Peak to Average Ratio_TDD(NTNV)



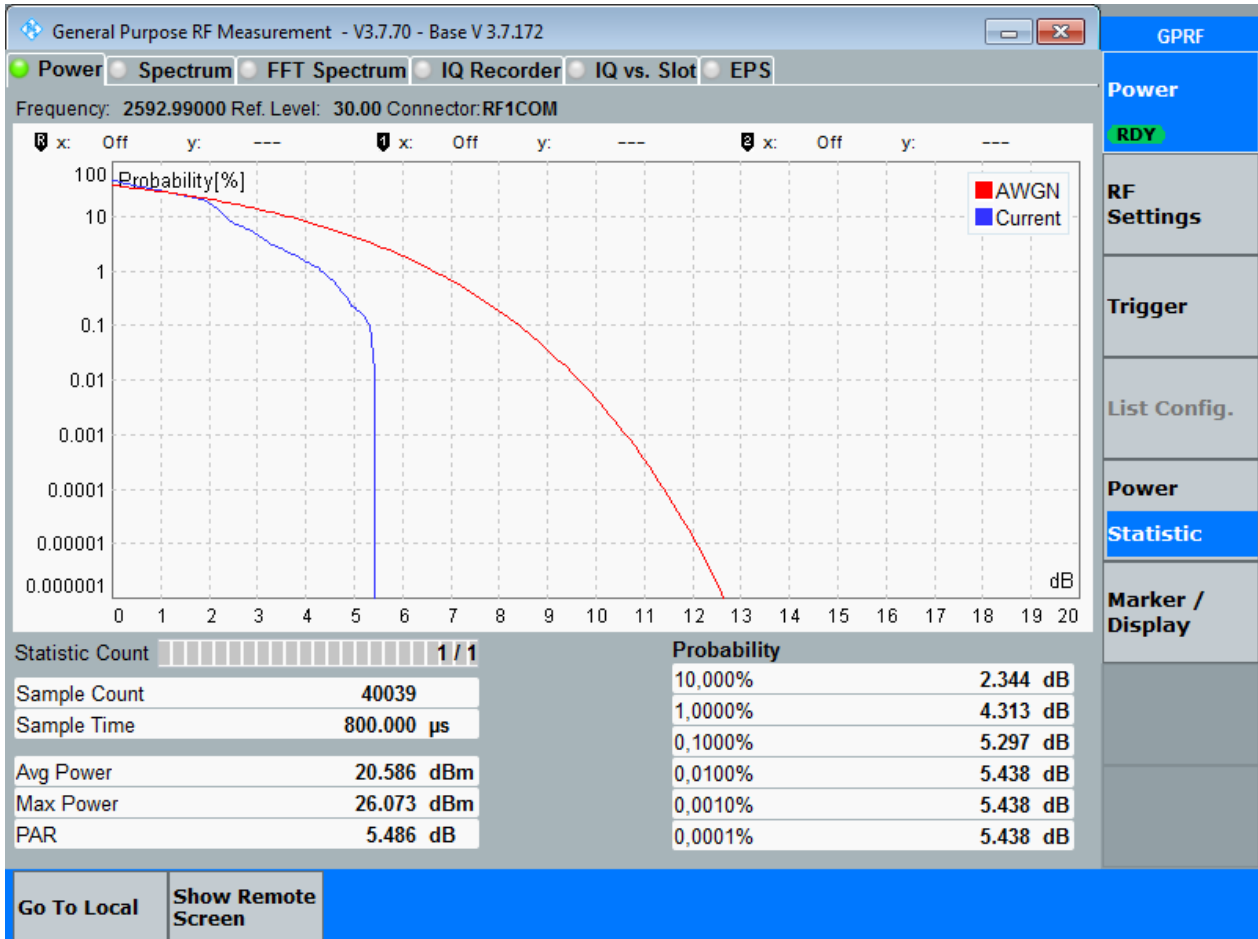
22. NR_n41_SCS30_20M_L_Outer Full(QPSK)

22.2. NR Peak to Average Ratio_TDD(NTNV)



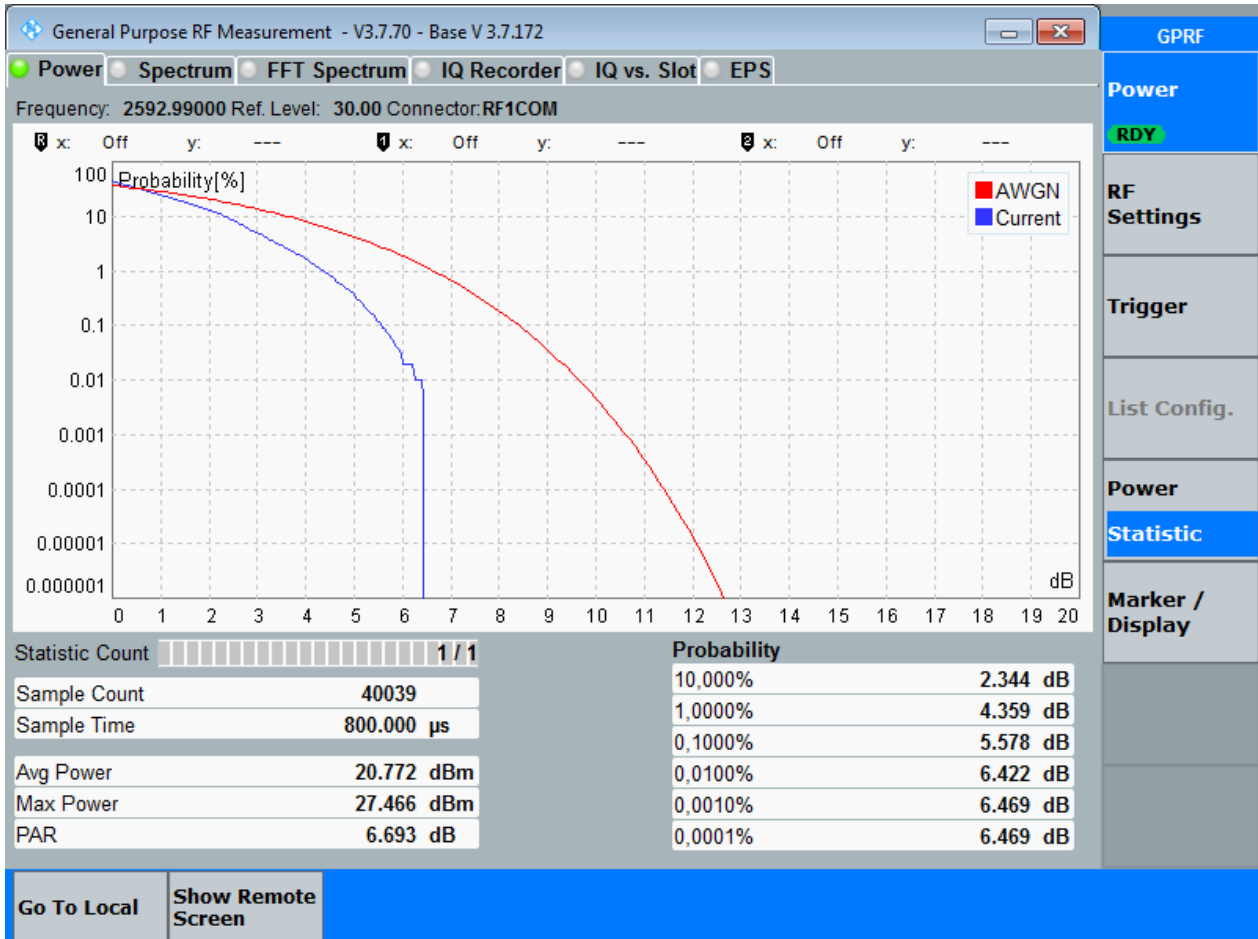
22. NR_n41_SCS30_20M_M_Edge_1RB_Left(QPSK)

22.3. NR Peak to Average Ratio_TDD(NTNV)



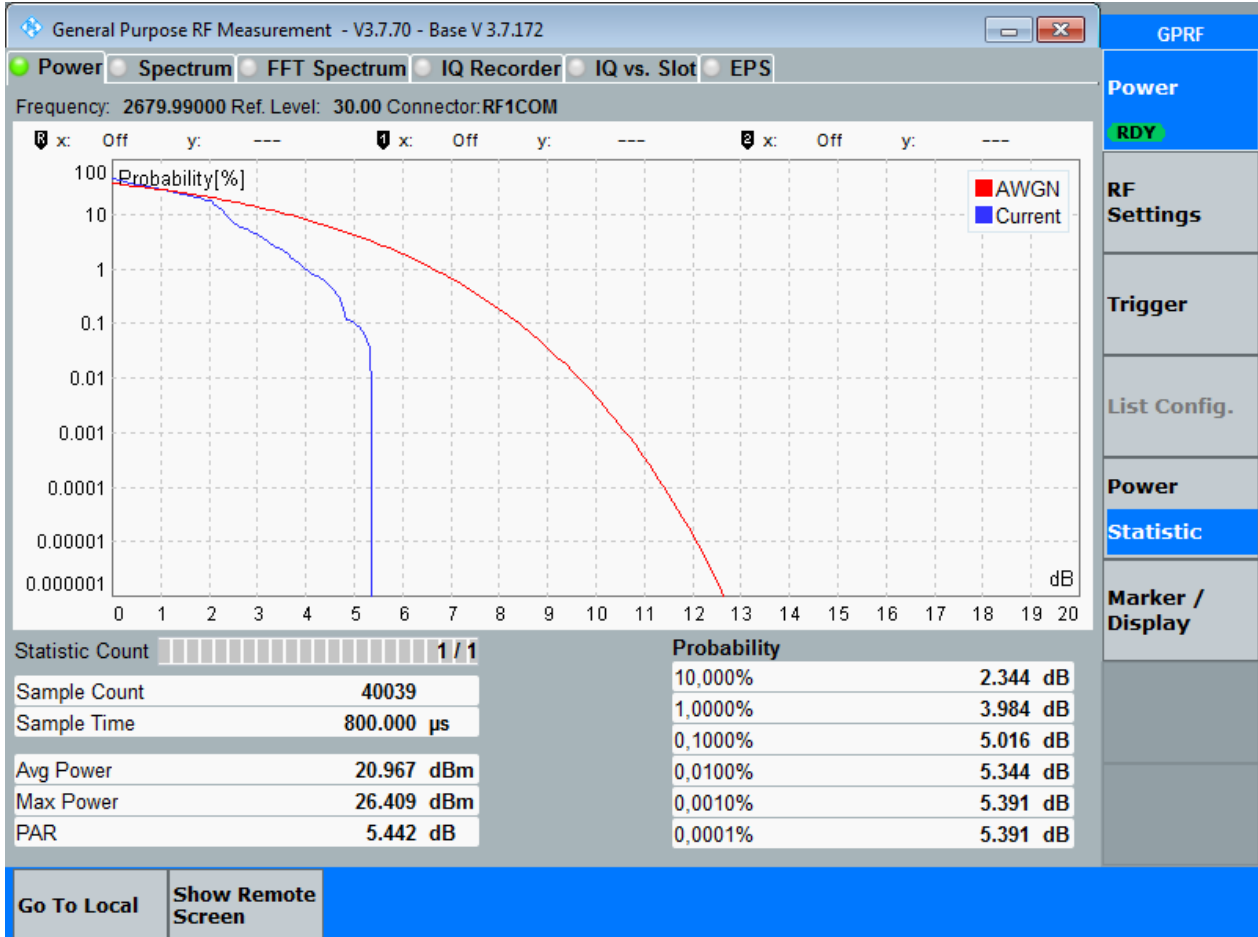
22. NR_n41_SCS30_20M_M_Outer Full(QPSK)

22.4. NR Peak to Average Ratio_TDD(NTNV)



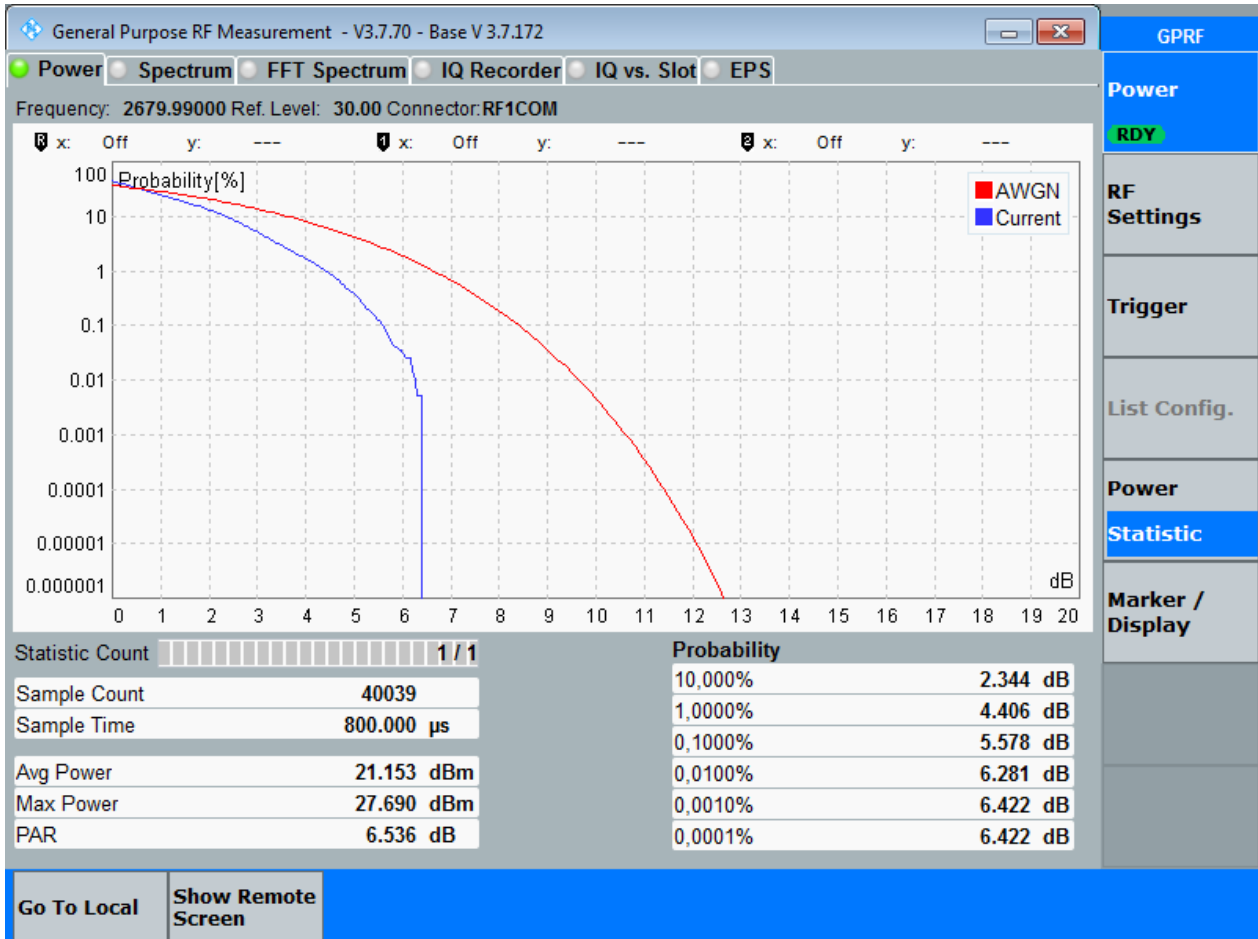
22. NR_n41_SCS30_20M_H_Edge_1RB_Left(QPSK)

22.5. NR Peak to Average Ratio_TDD(NTNV)



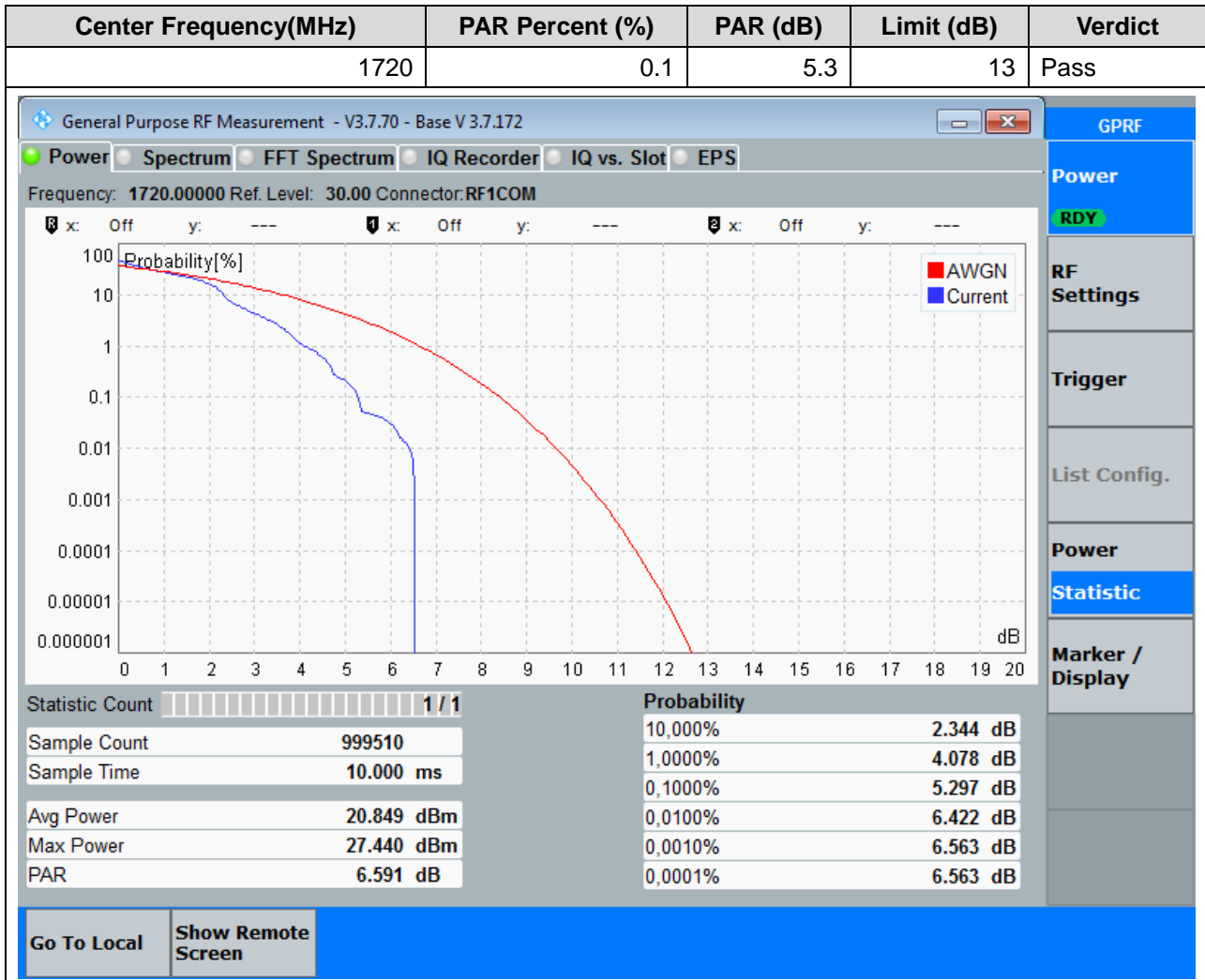
22. NR_n41_SCS30_20M_H_Outer Full(QPSK)

22.6. NR Peak to Average Ratio_TDD(NTNV)



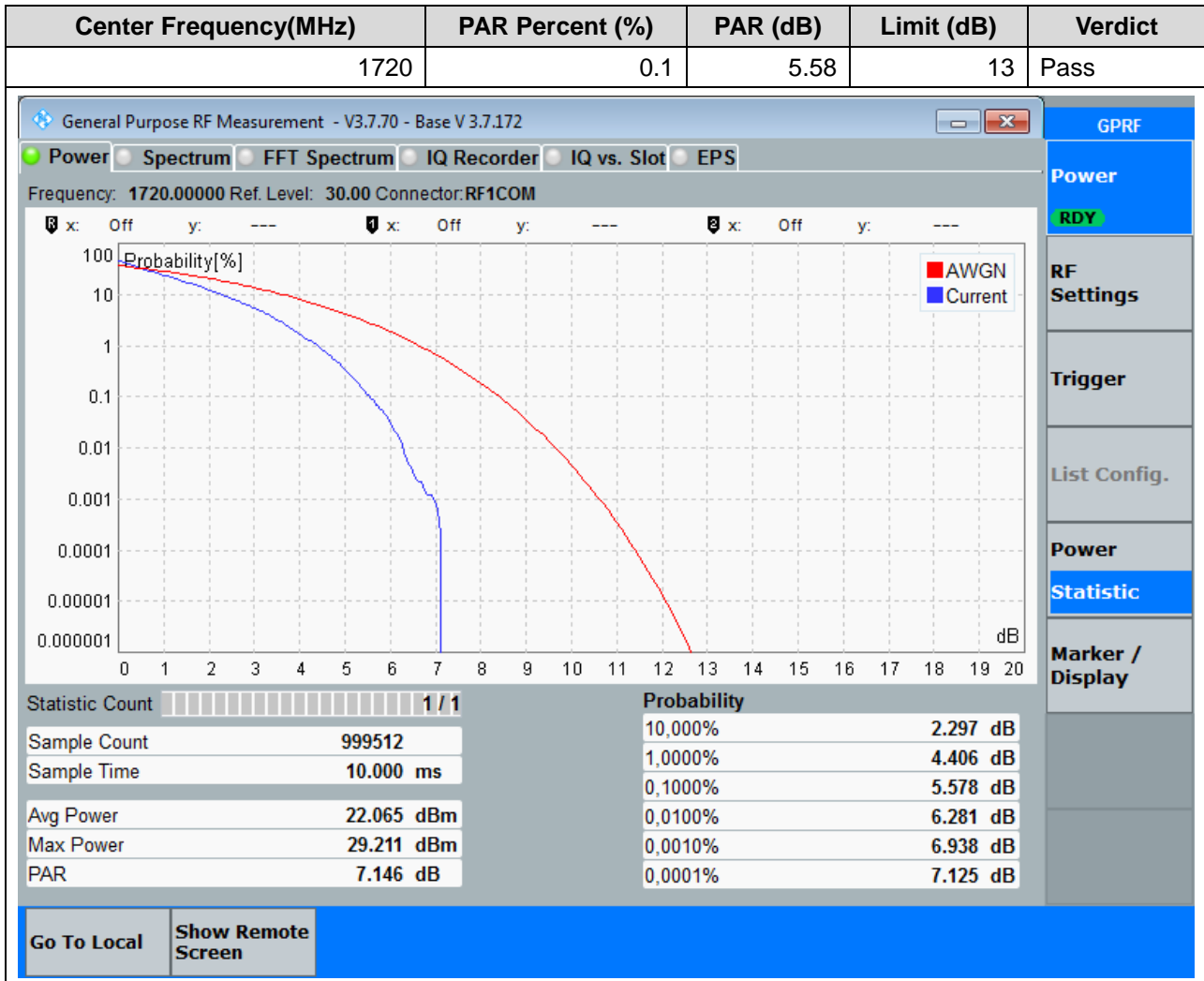
23. NR_n66_SCS15_20M_L_Edge_1RB_Left(QPSK)

23.1. NR Peak to Average Ratio(NTNV)



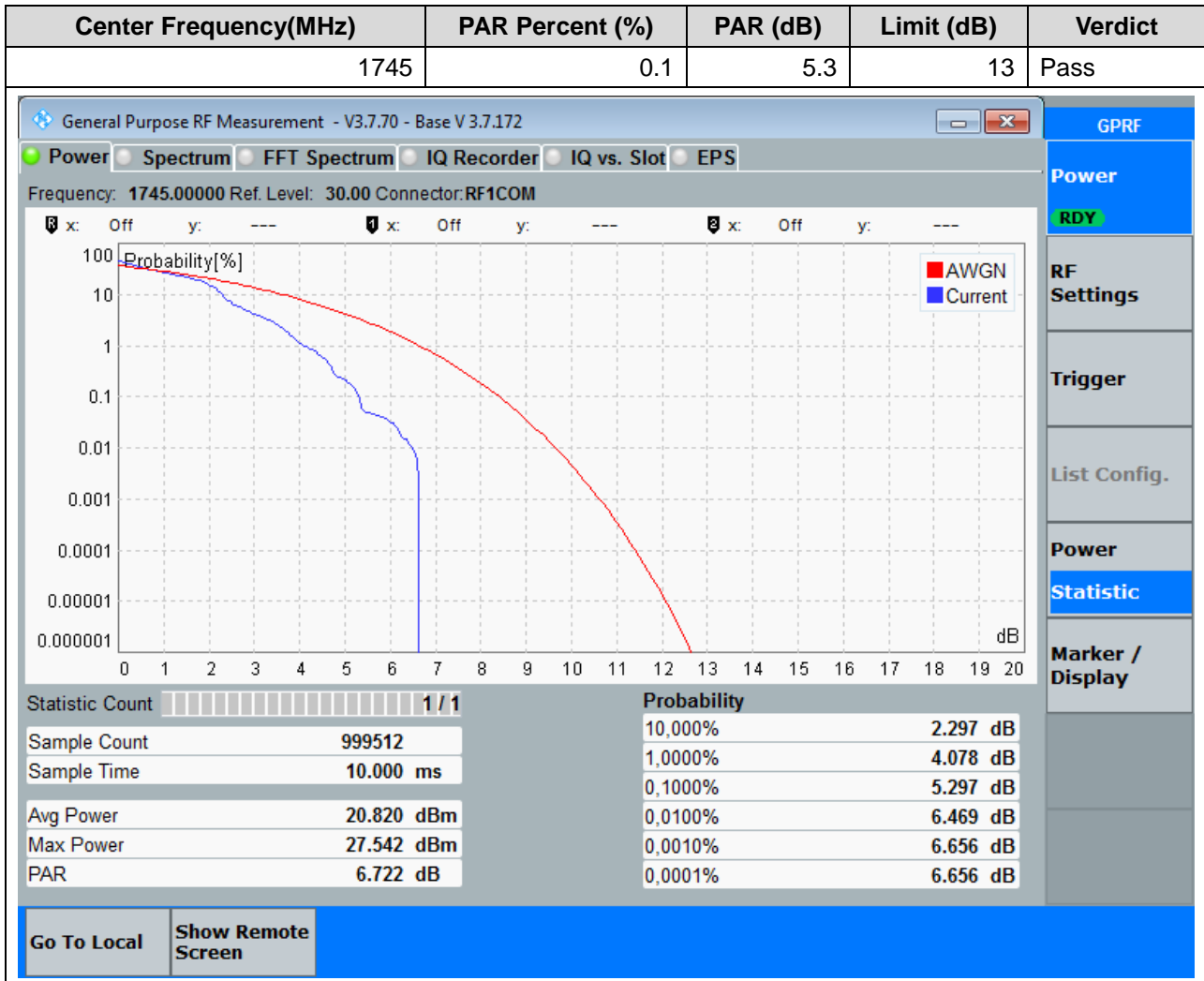
23. NR_n66_SCS15_20M_L_Outer Full(QPSK)

23.2. NR Peak to Average Ratio(NTNV)



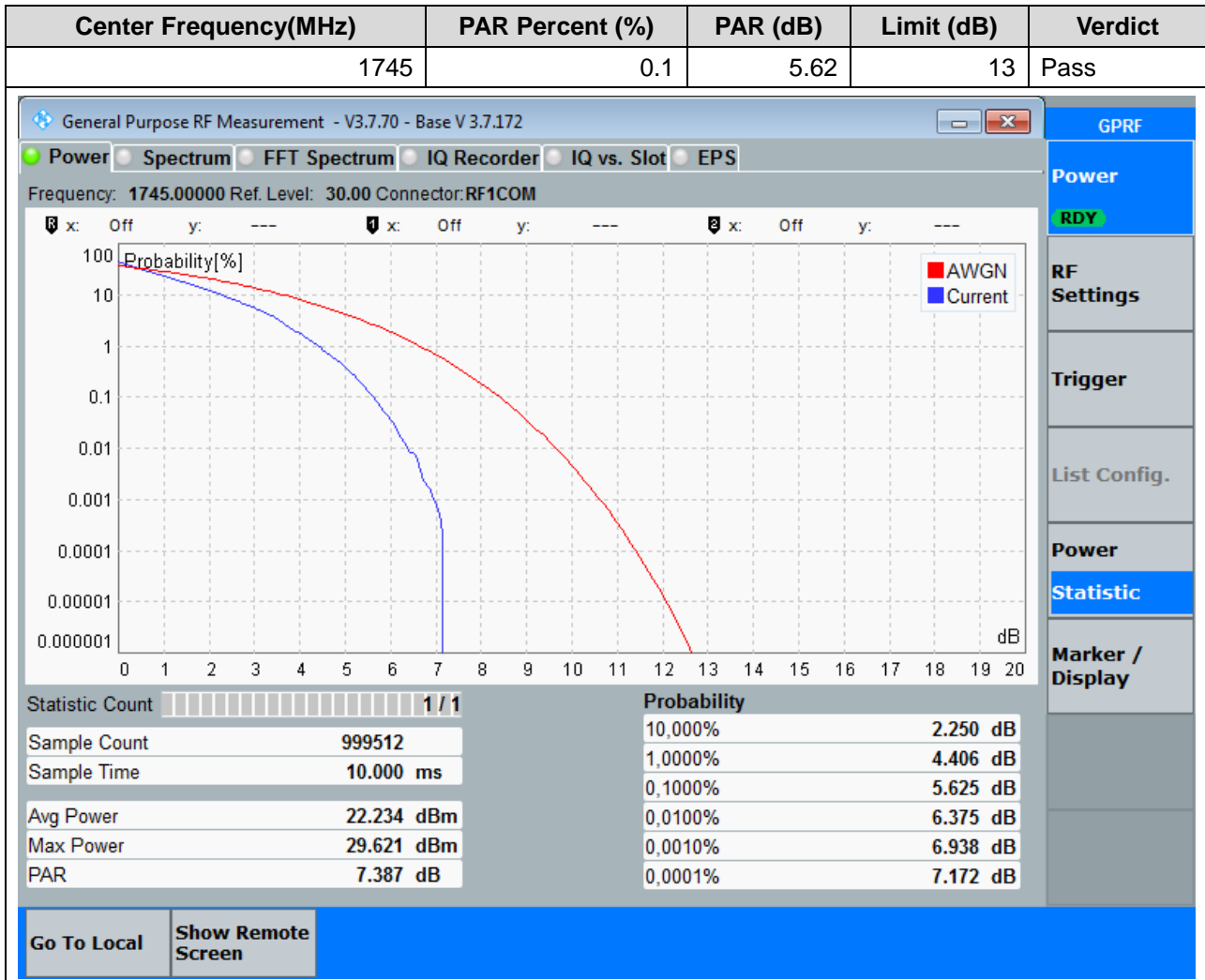
23. NR_n66_SCS15_20M_M_Edge_1RB_Left(QPSK)

23.3. NR Peak to Average Ratio(NTNV)



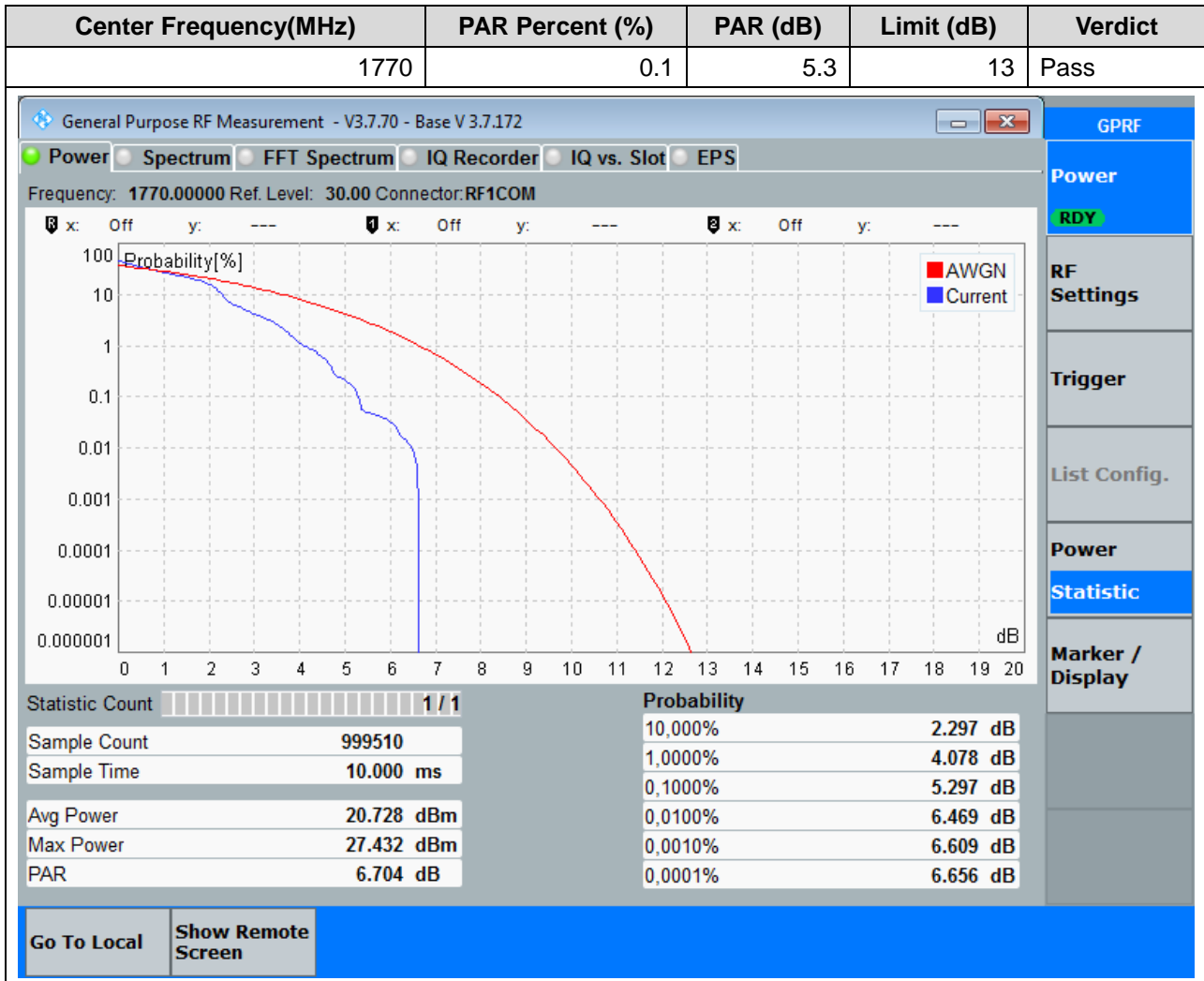
23. NR_n66_SCS15_20M_M_Outer Full(QPSK)

23.4. NR Peak to Average Ratio(NTNV)



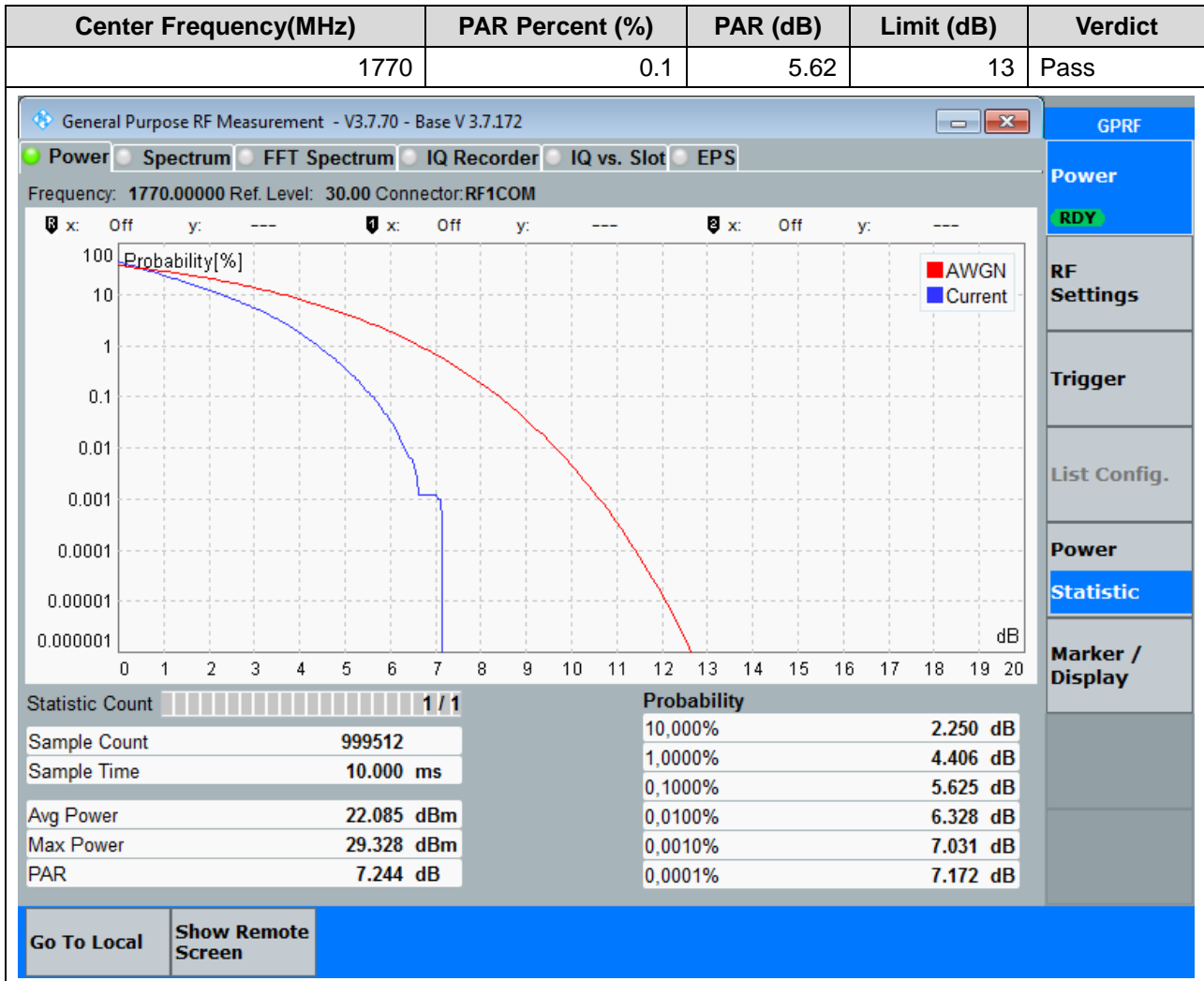
23. NR_n66_SCS15_20M_H_Edge_1RB_Left(QPSK)

23.5. NR Peak to Average Ratio(NTNV)



23. NR_n66_SCS15_20M_H_Outer Full(QPSK)

23.6. NR Peak to Average Ratio(NTNV)



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