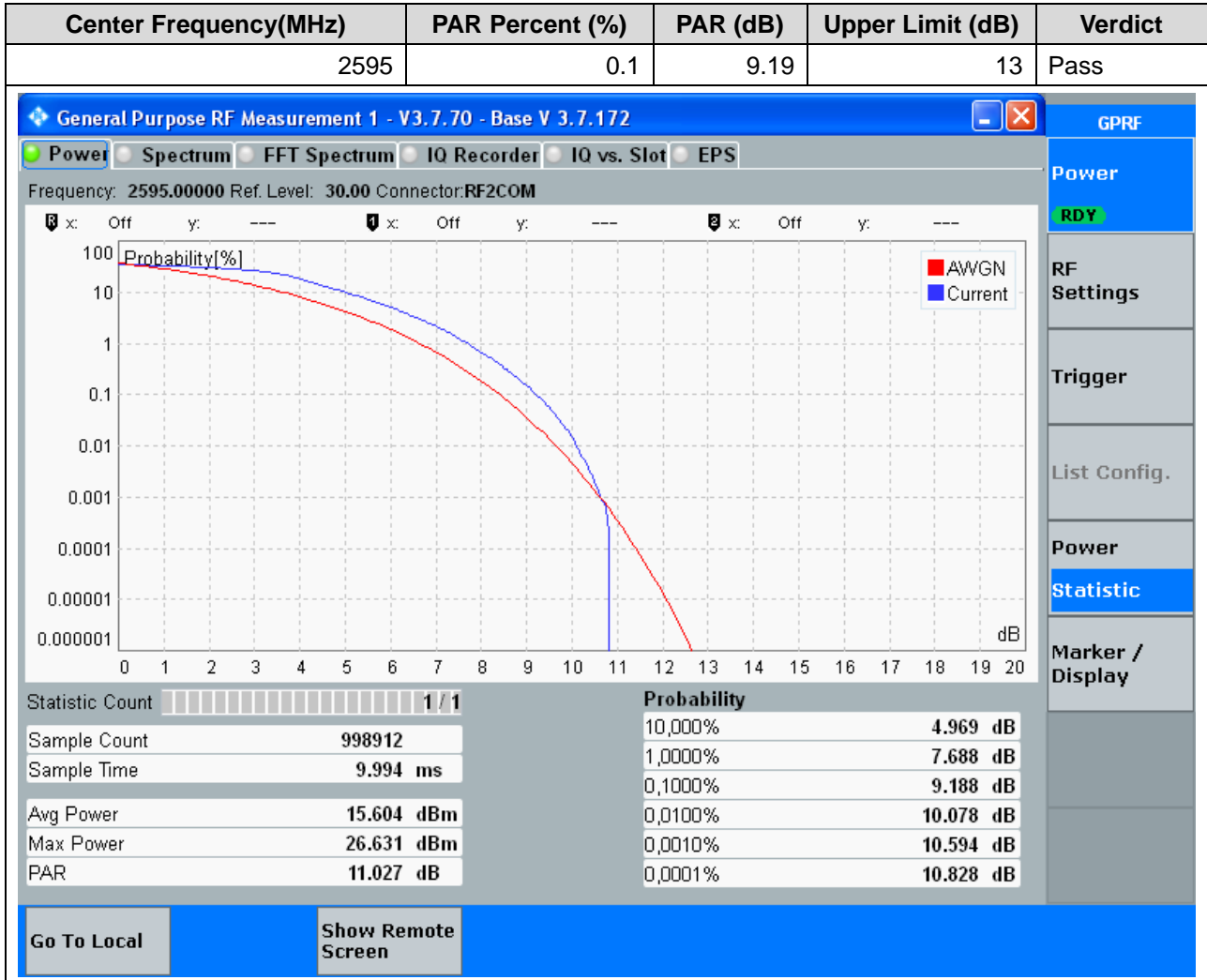
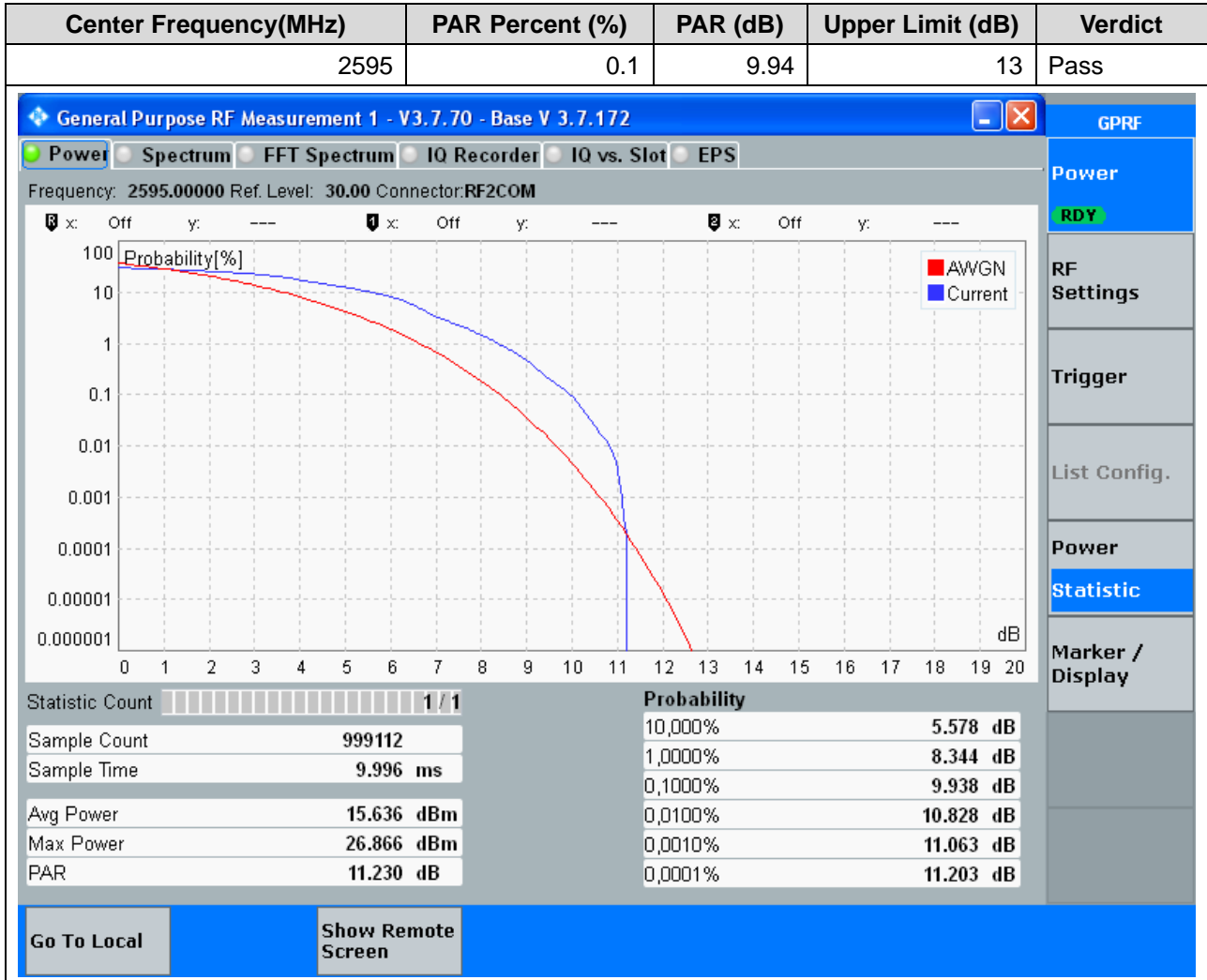


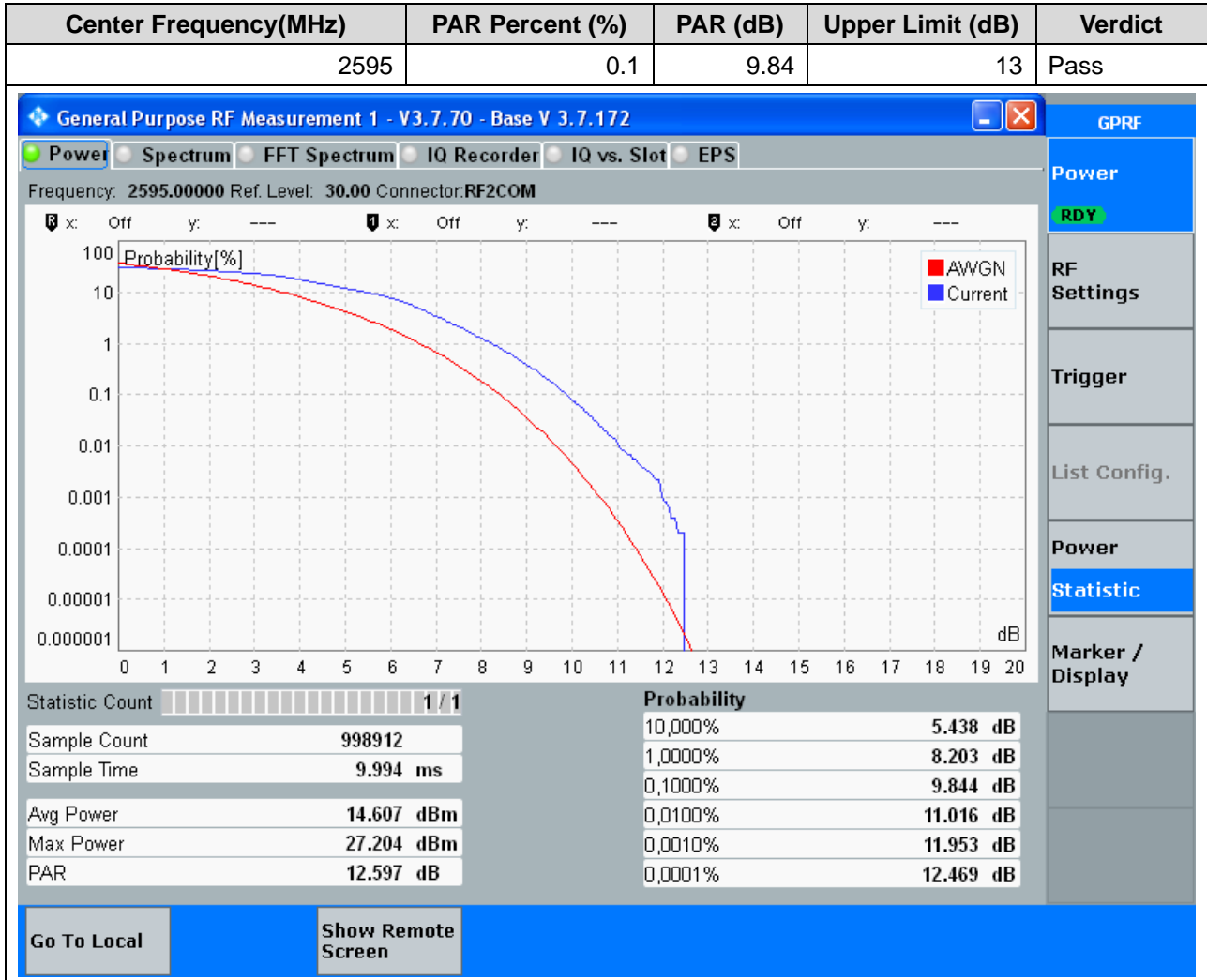
9.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



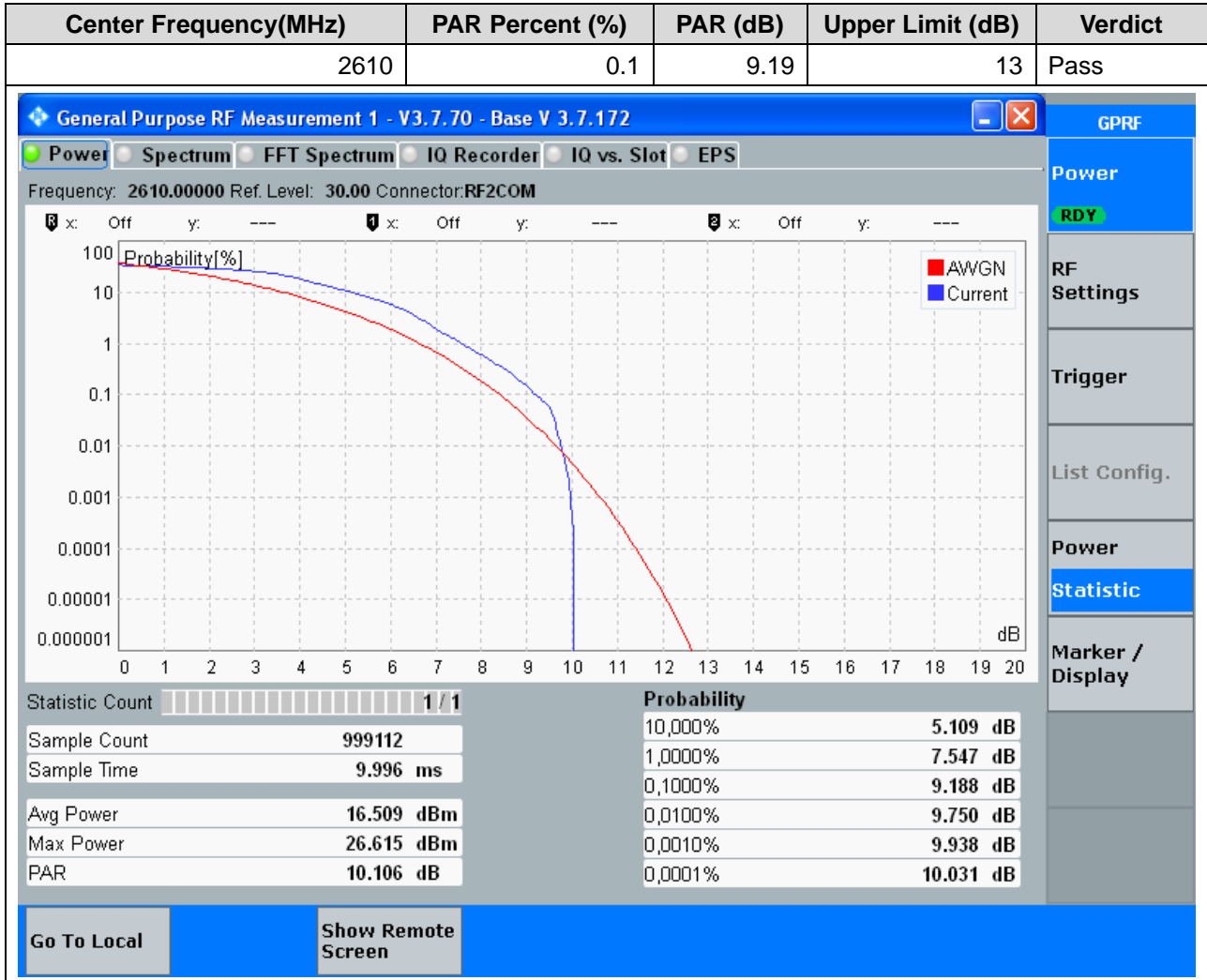
9.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



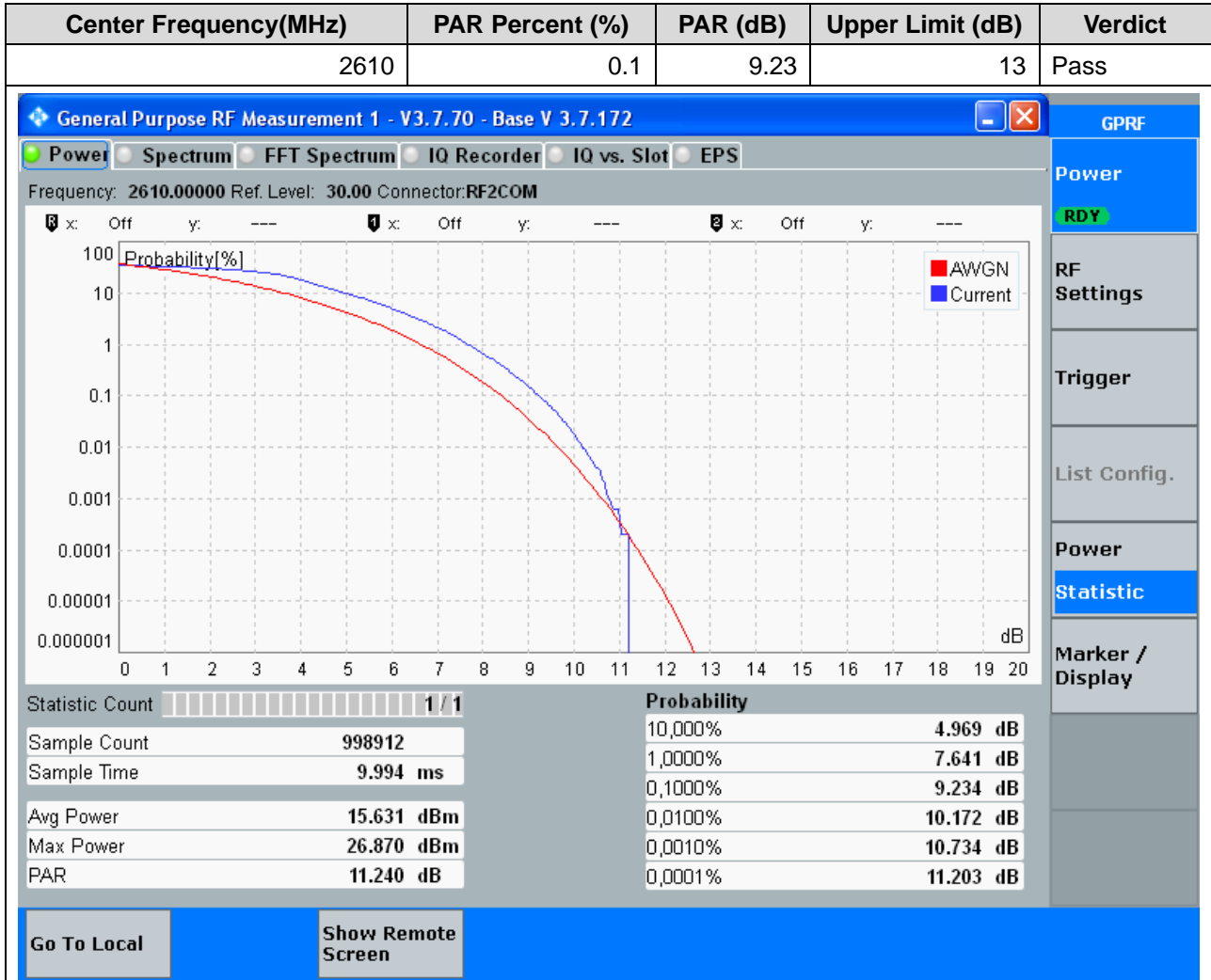
9.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



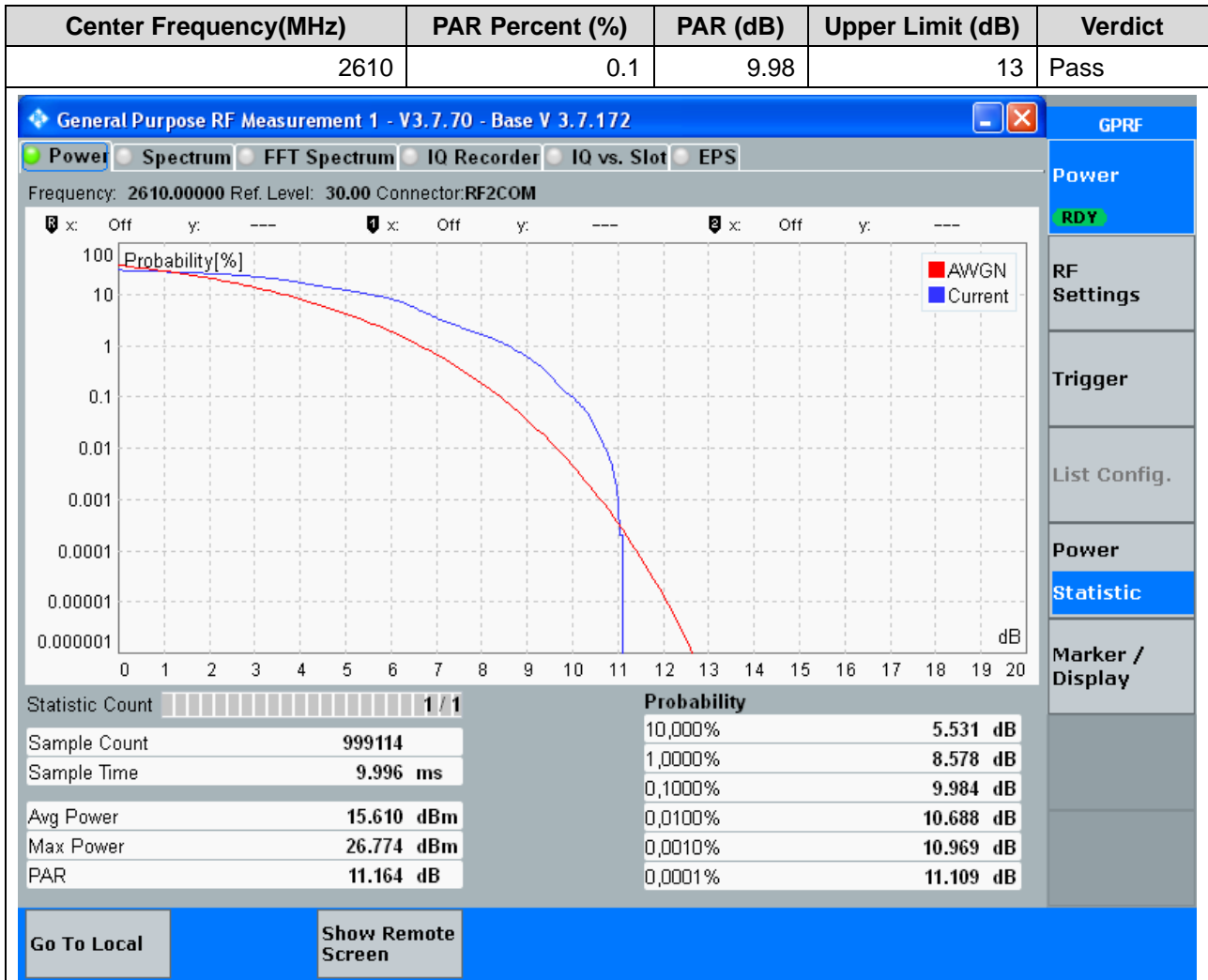
9.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



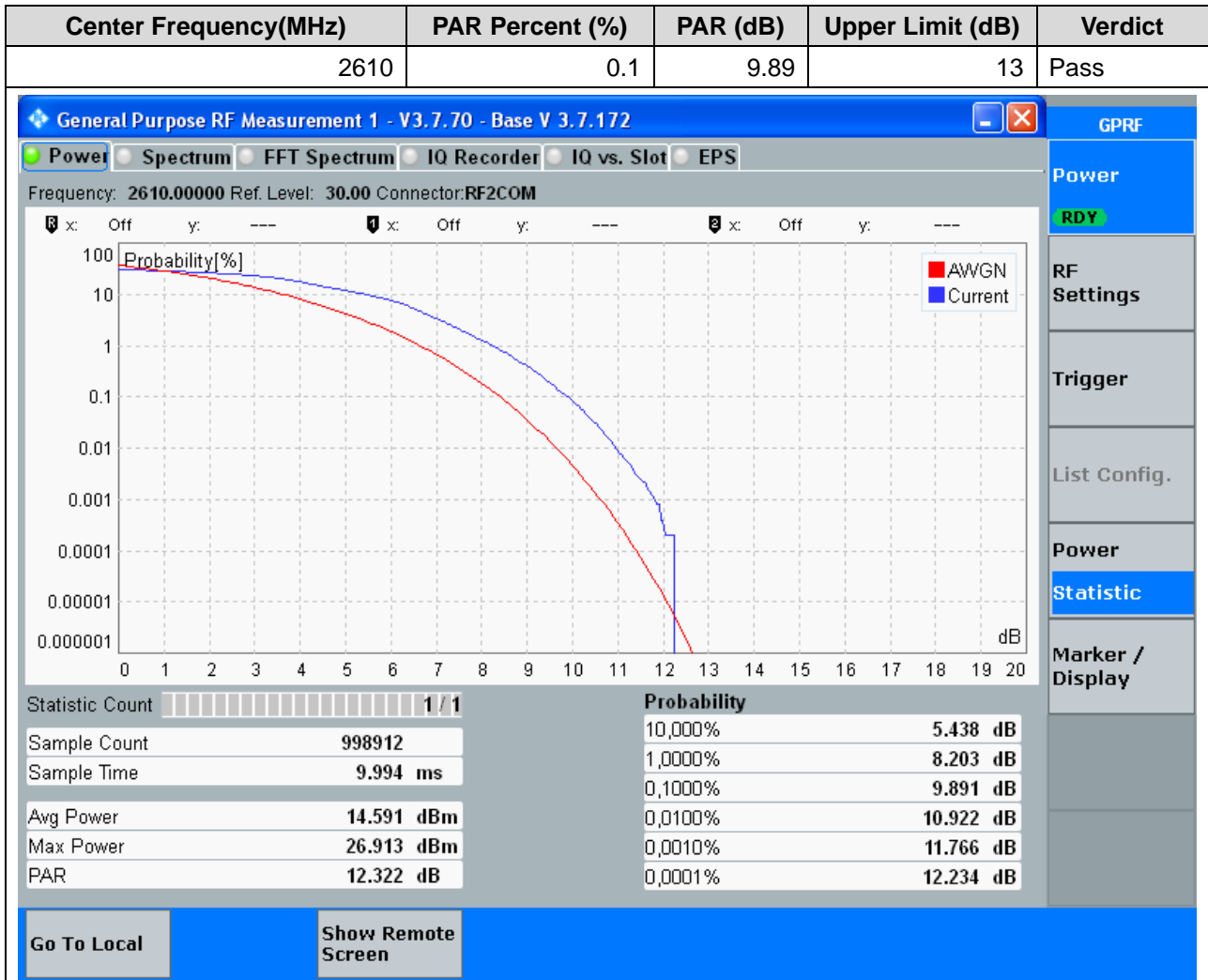
9.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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

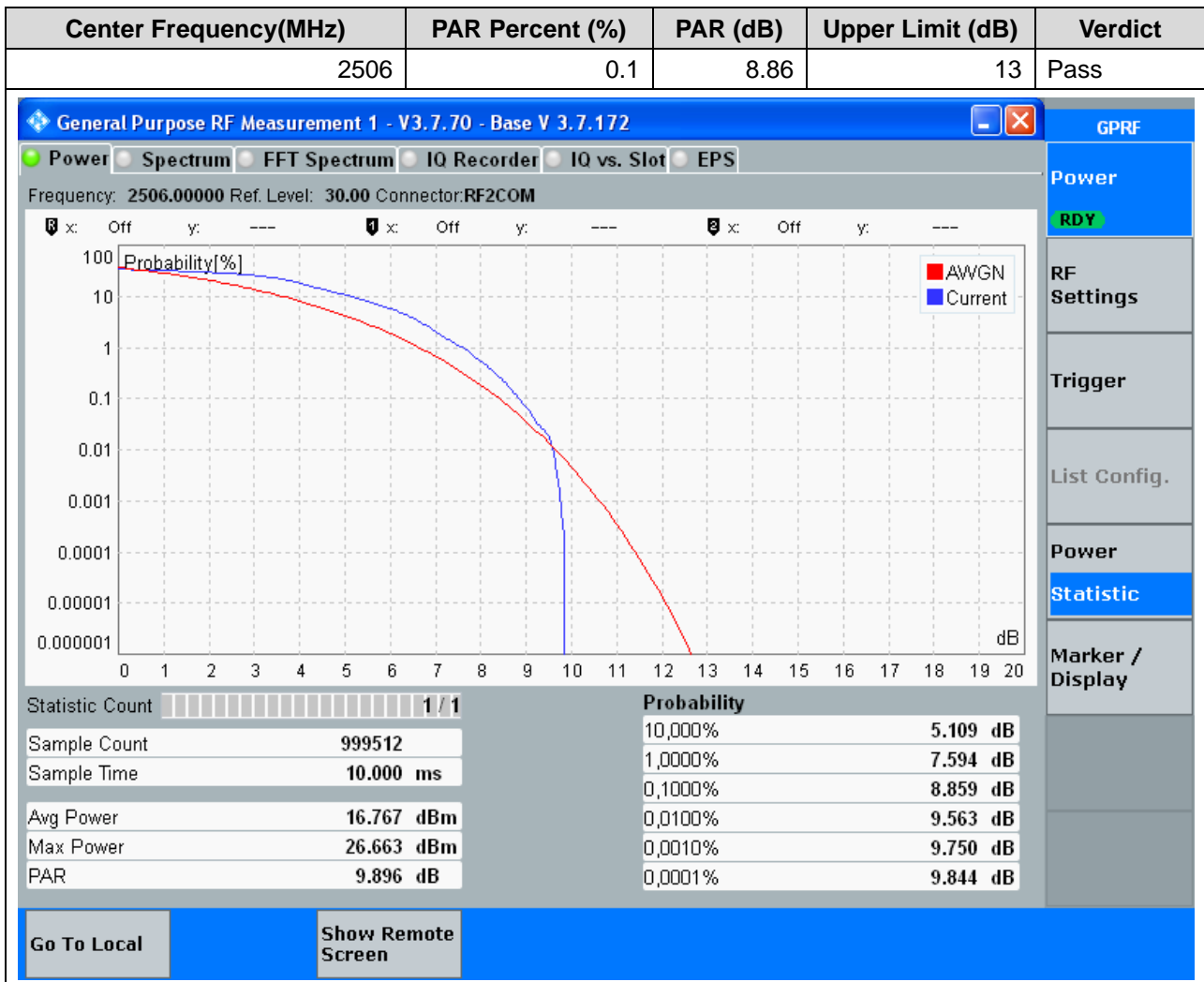


9.12. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



10. LTE_Band41 full

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

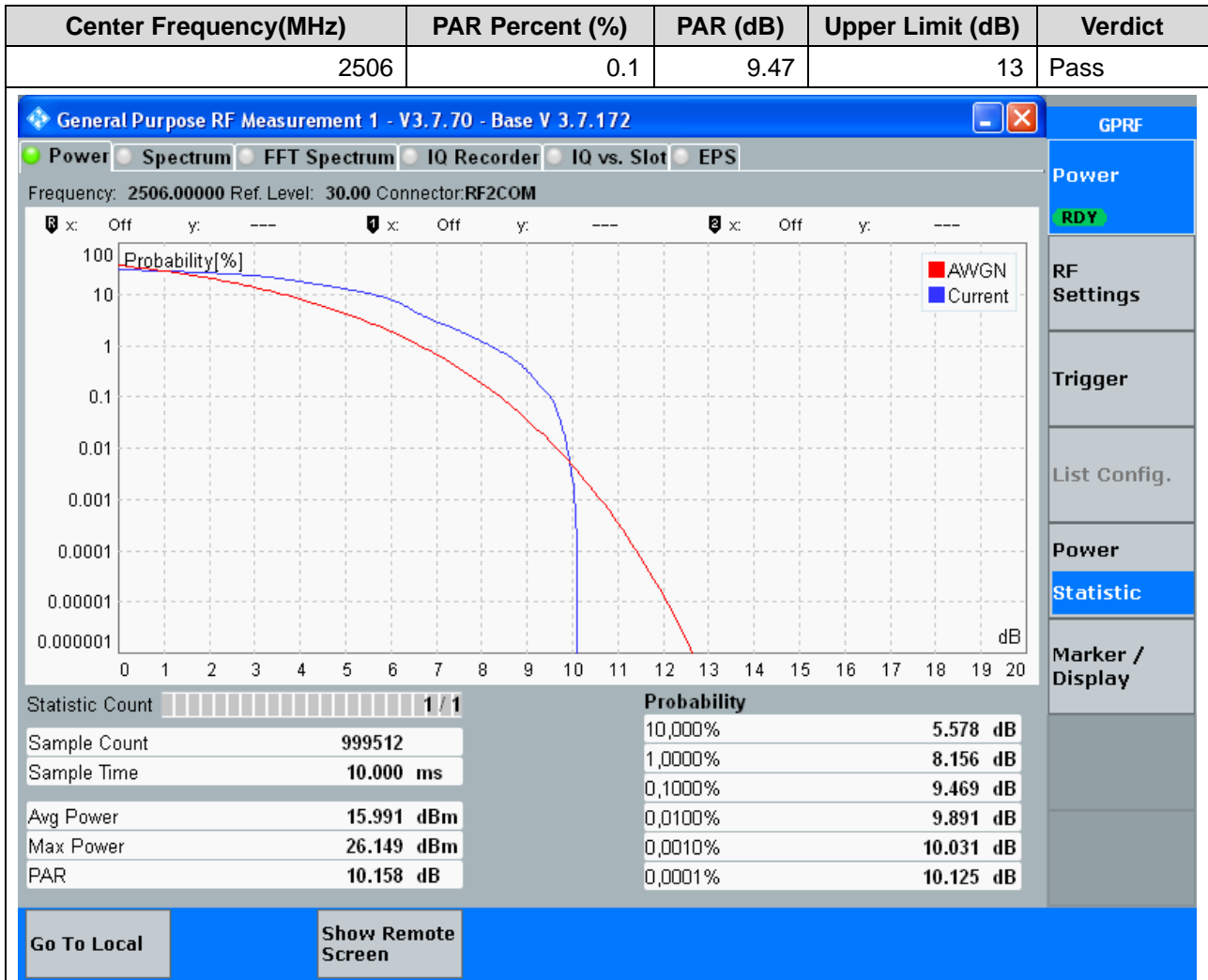


10.2. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

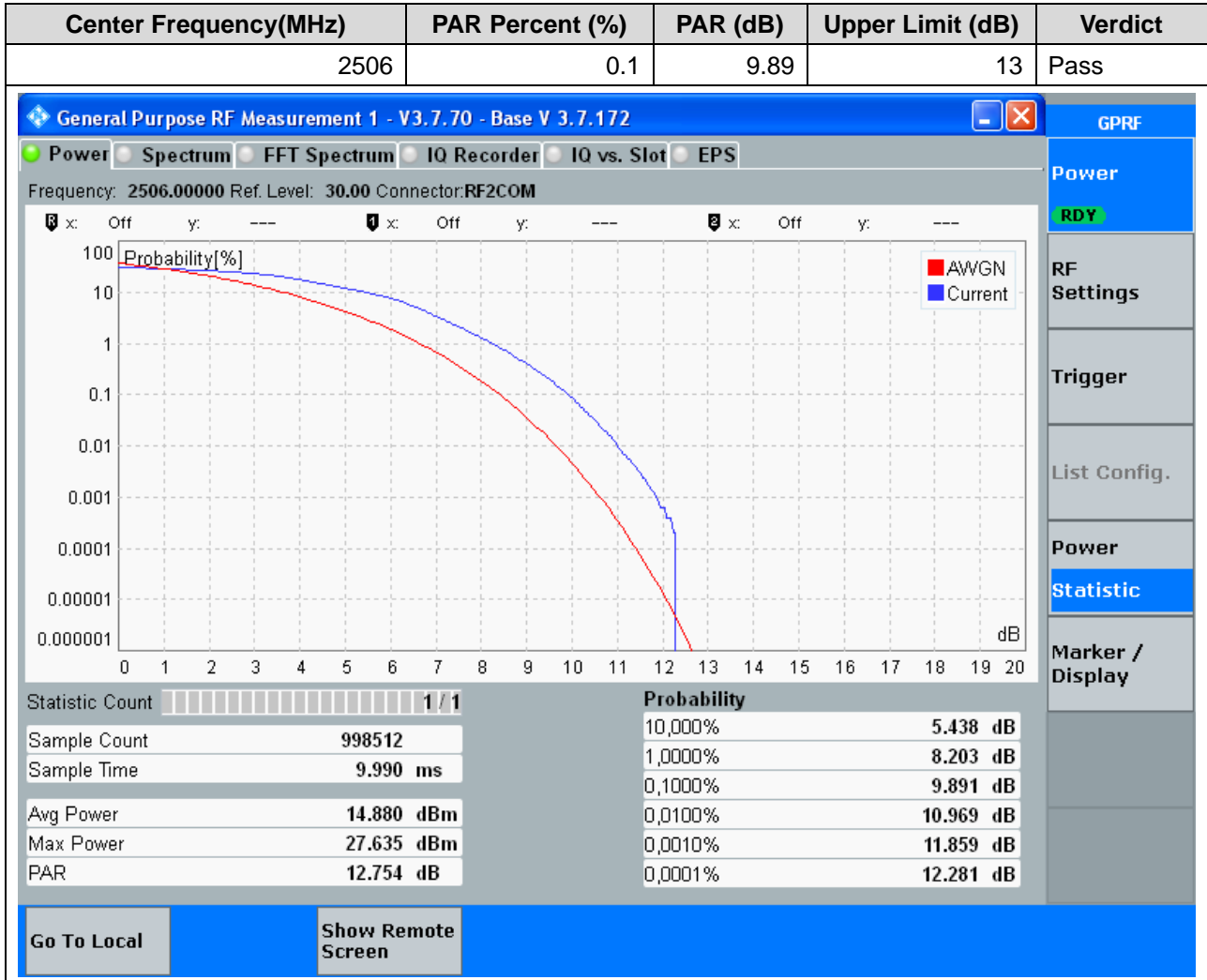
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2506	0.1	9.19	13	Pass

Statistic Count		Probability	
Sample Count	998512	10,000%	5.016 dB
Sample Time	9.990 ms	1,0000%	7.688 dB
Avg Power	15.884 dBm	0,1000%	9.188 dB
Max Power	27.403 dBm	0,0010%	11.063 dB
PAR	11.519 dB	0,0001%	11.391 dB

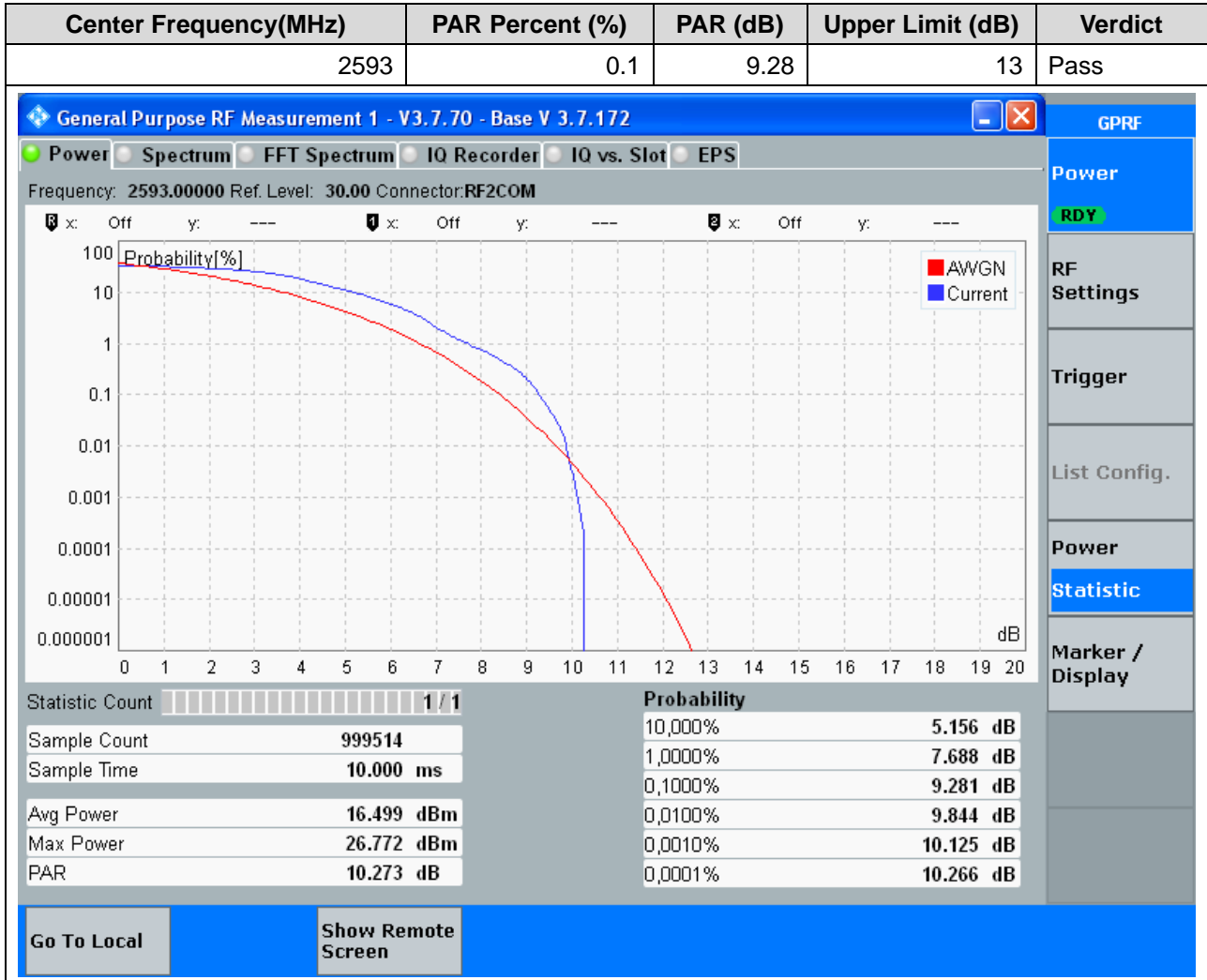
10.3. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



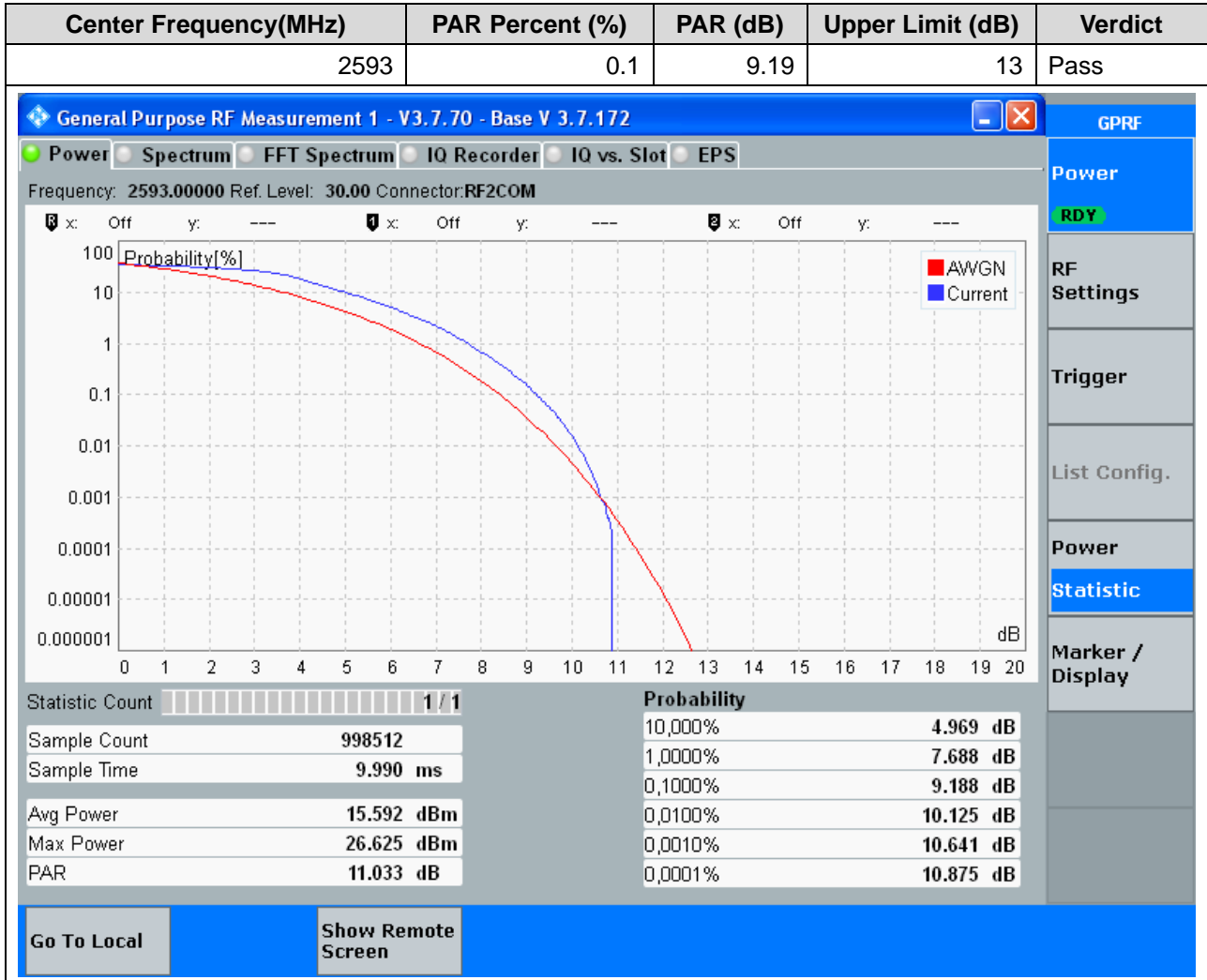
10.4. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



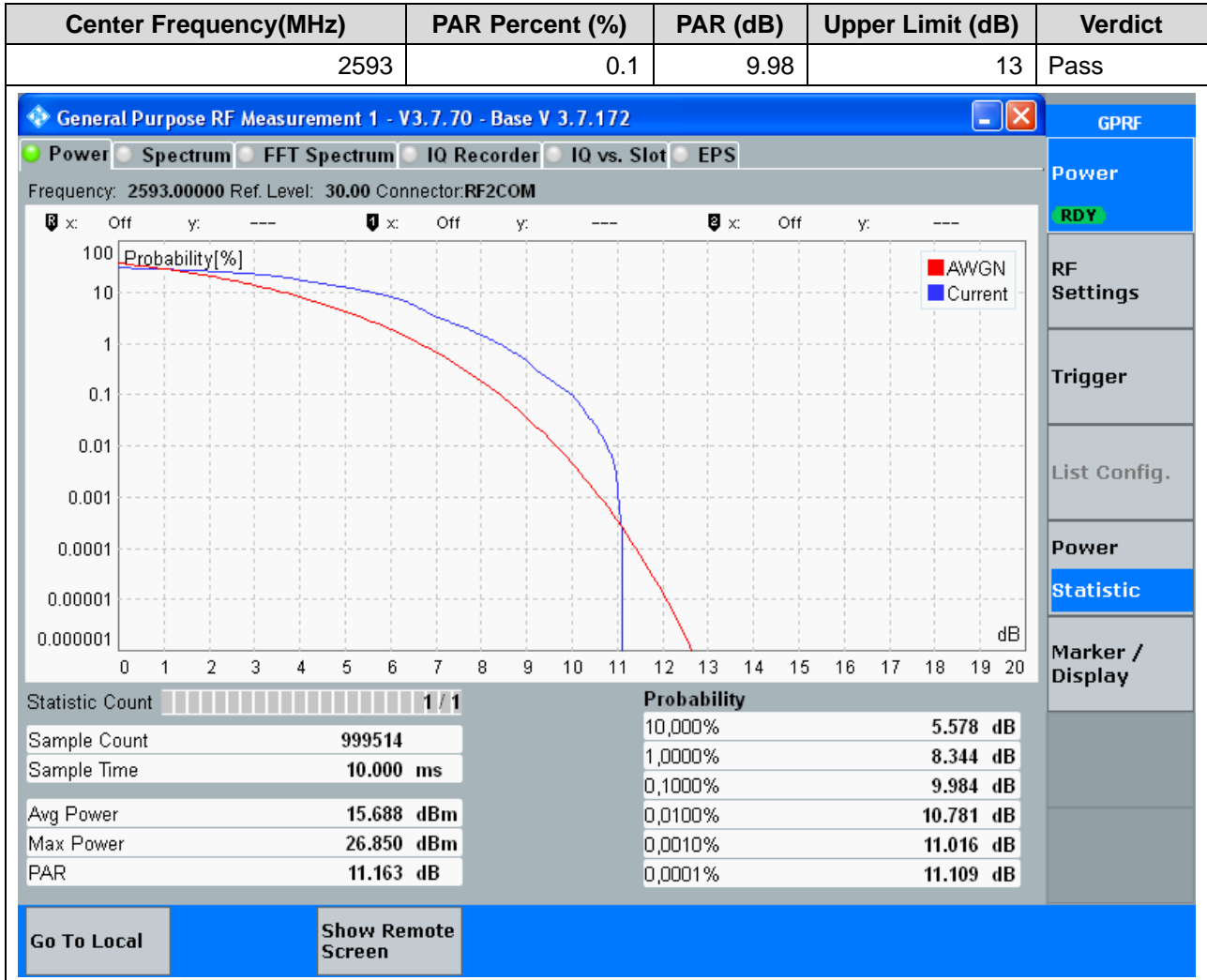
10.5. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



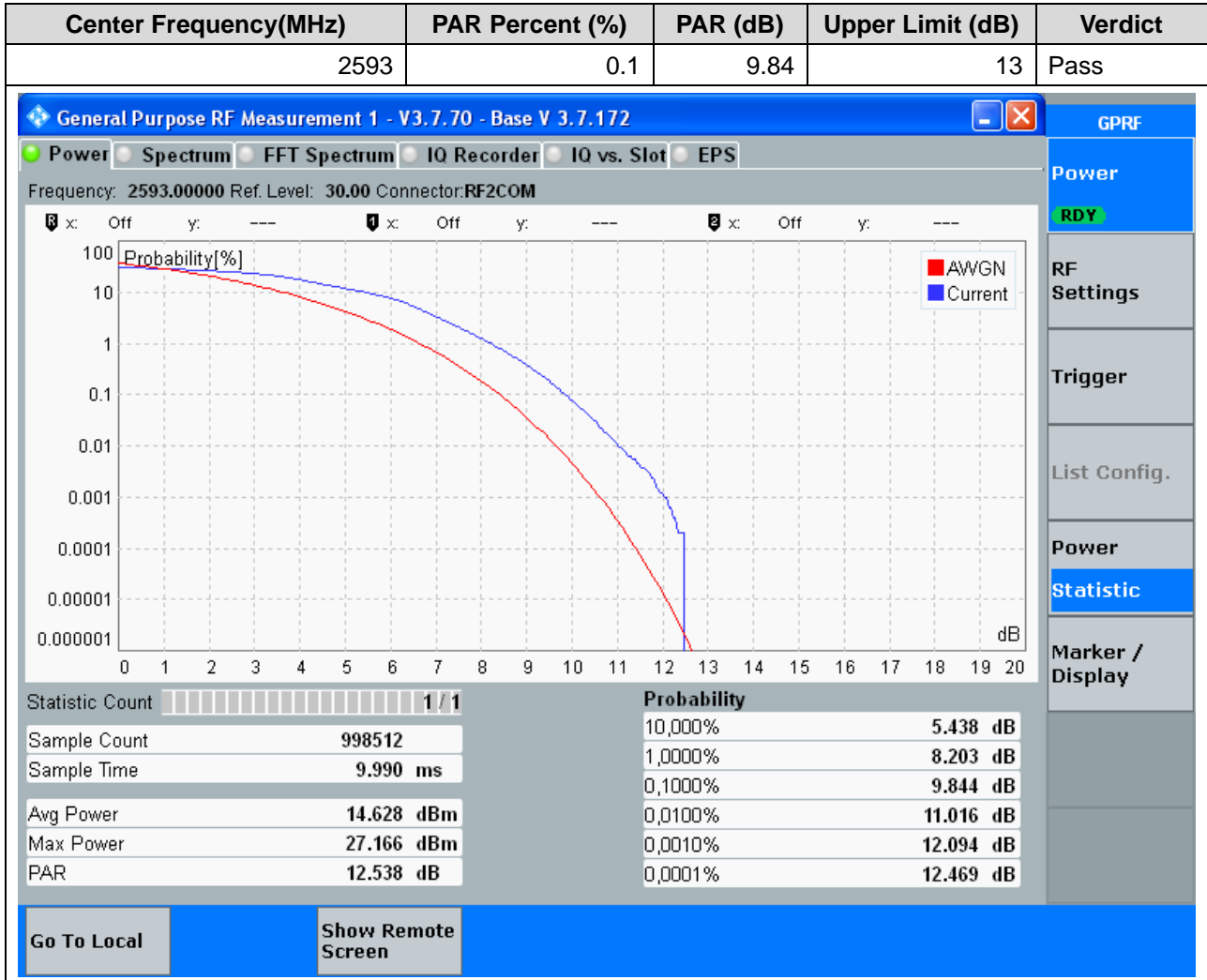
10.6. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



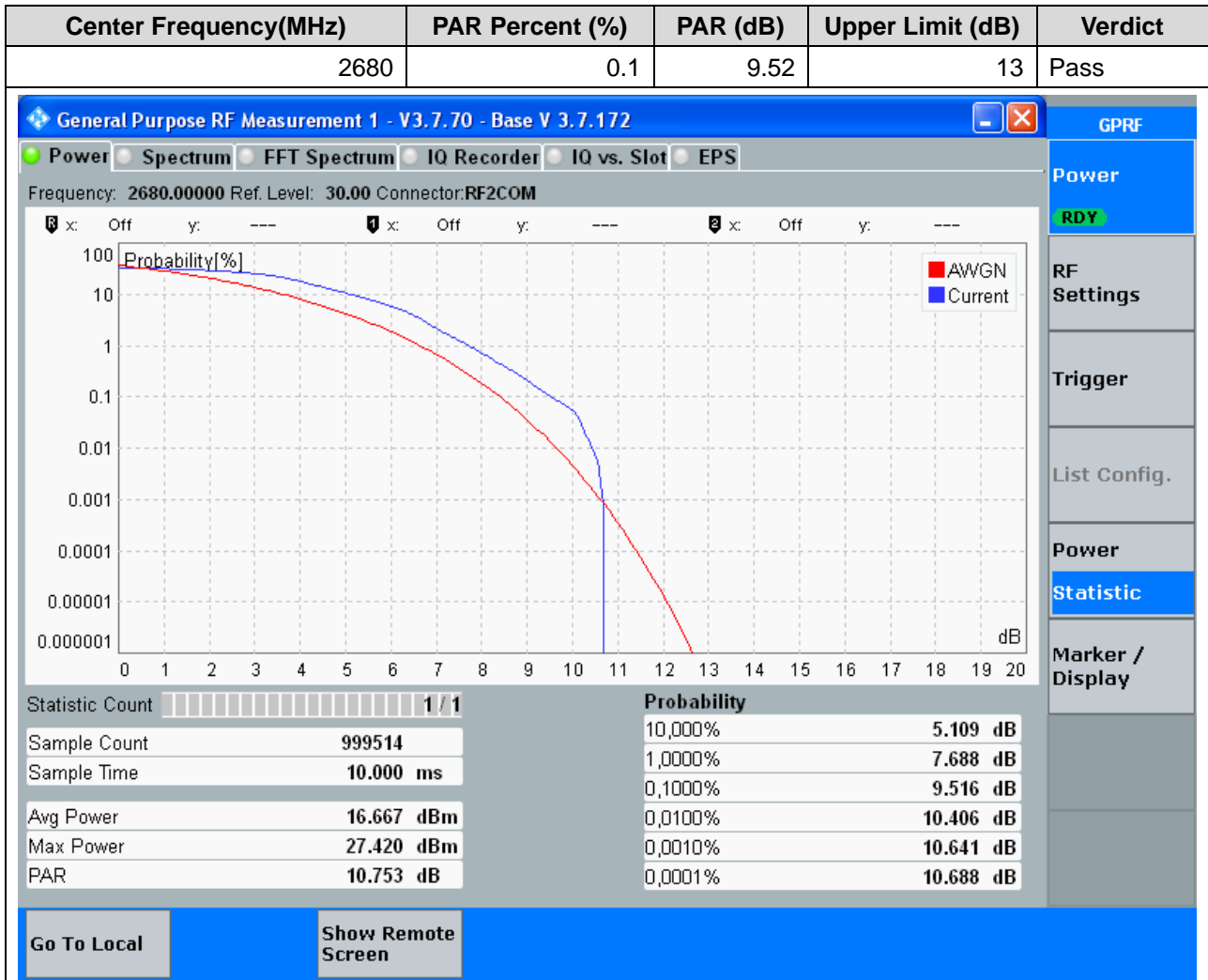
10.7. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



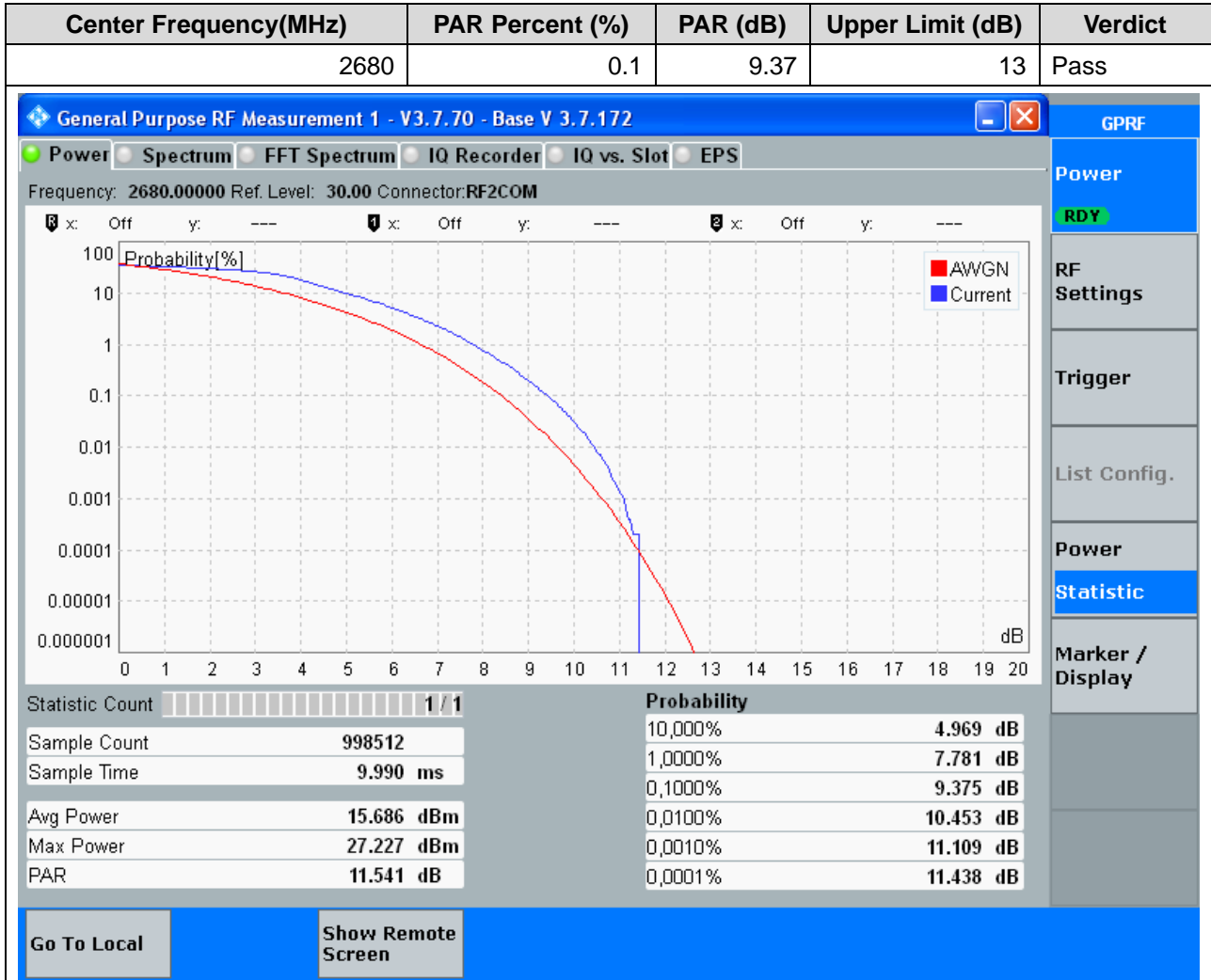
10.8. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



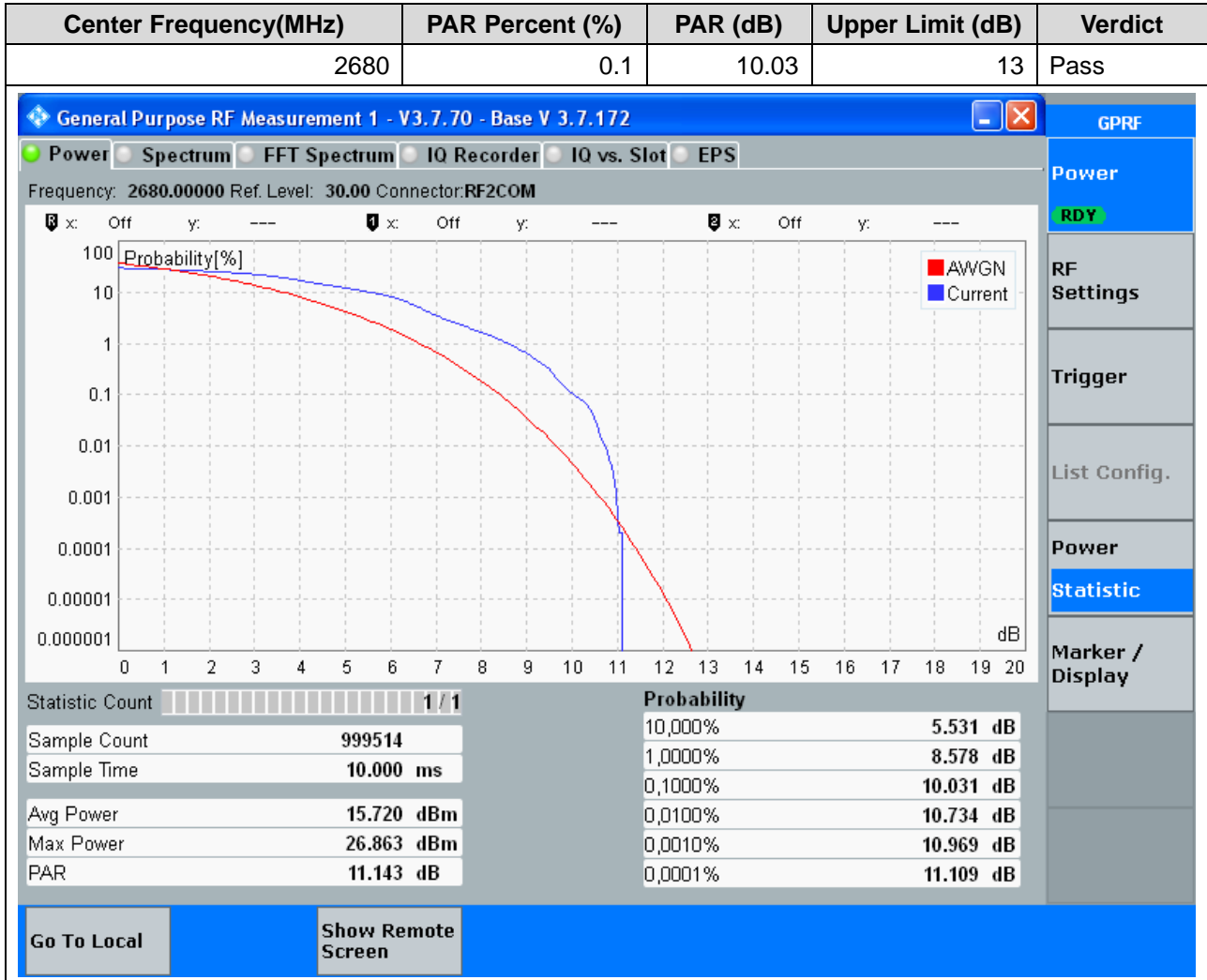
10.9. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



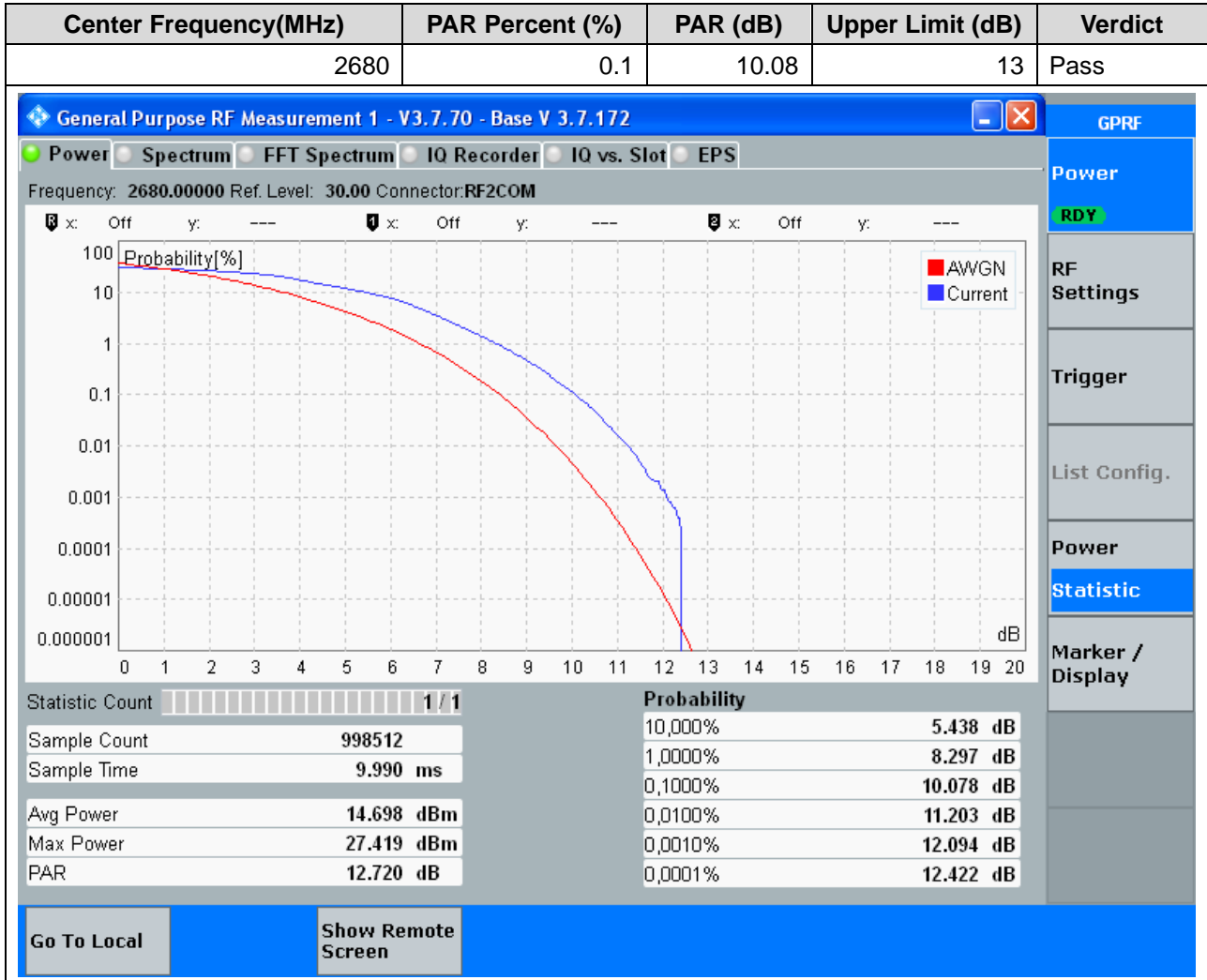
10.10. LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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



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



1. CA_2C

1.1. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:18808|18925, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880.4	0.1	6.52	13	Pass

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

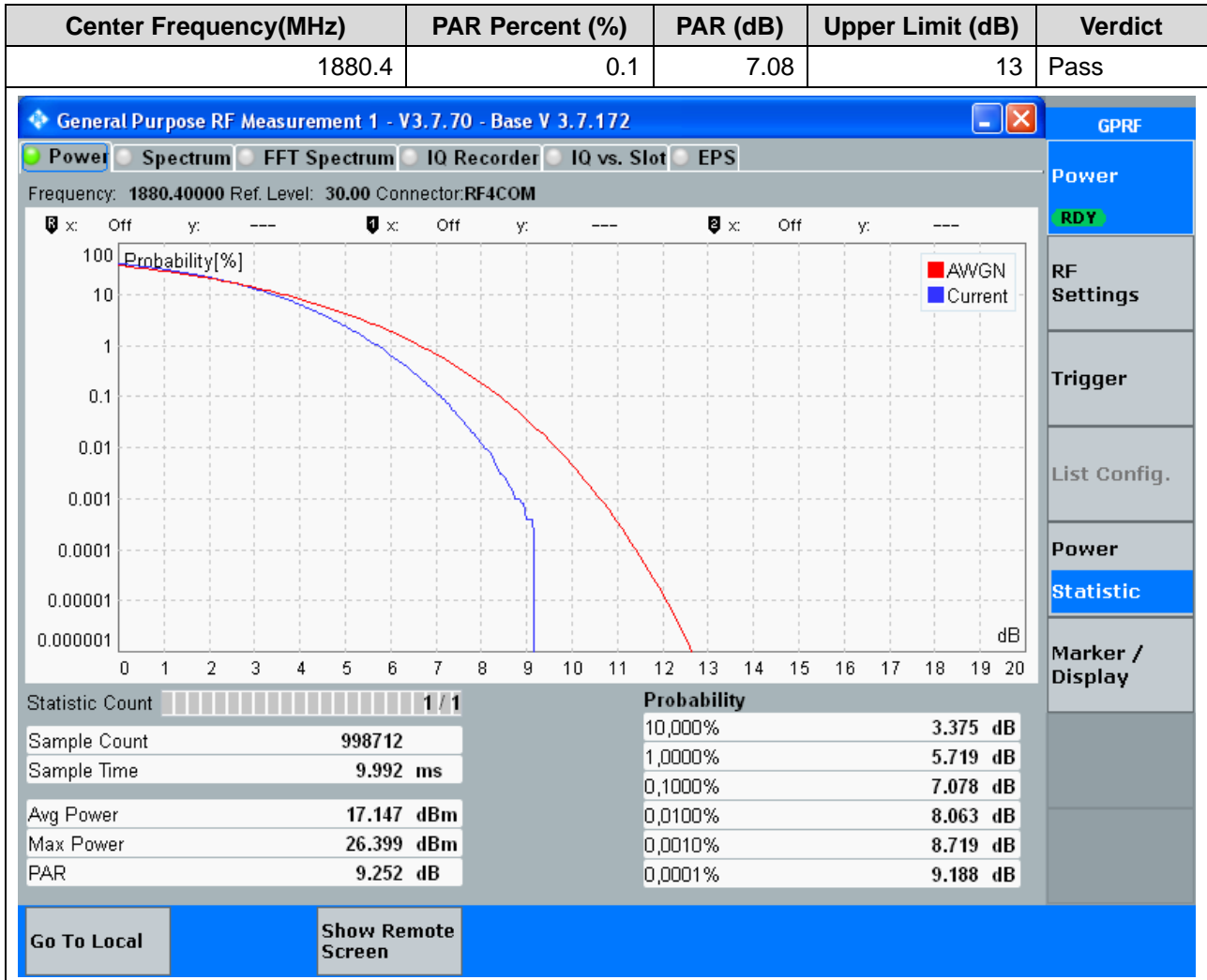
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 1880.40000 Ref. Level: 30.00 Connector:RF4COM

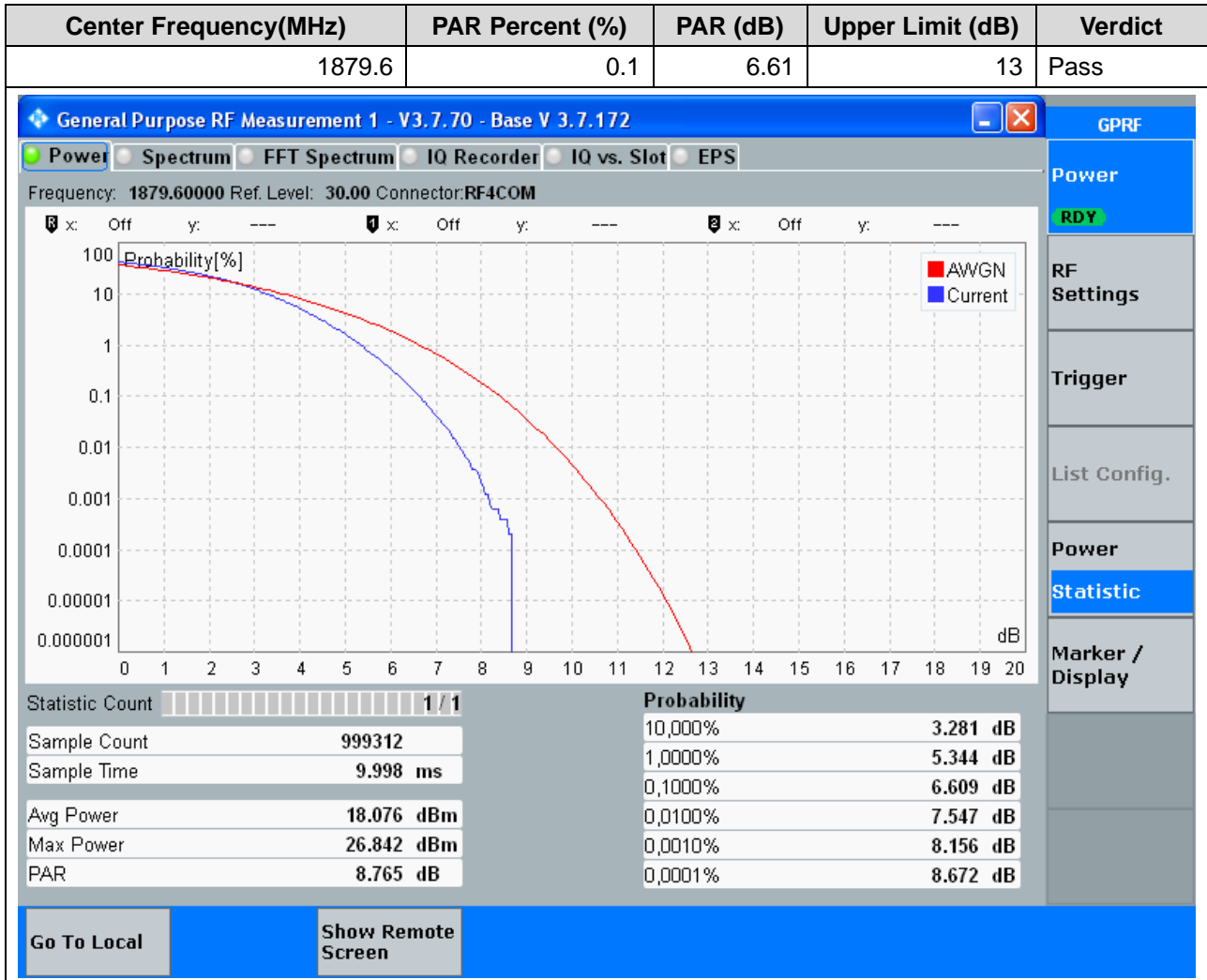
Statistic Count		Probability	
Sample Count	999312	10,000%	3.234 dB
Sample Time	9.998 ms	1,0000%	5.250 dB
Avg Power	18.150 dBm	0,1000%	6.516 dB
Max Power	26.678 dBm	0,0100%	7.453 dB
PAR	8.528 dB	0,0010%	8.156 dB
		0,0001%	8.484 dB

Go To Local
Show Remote Screen

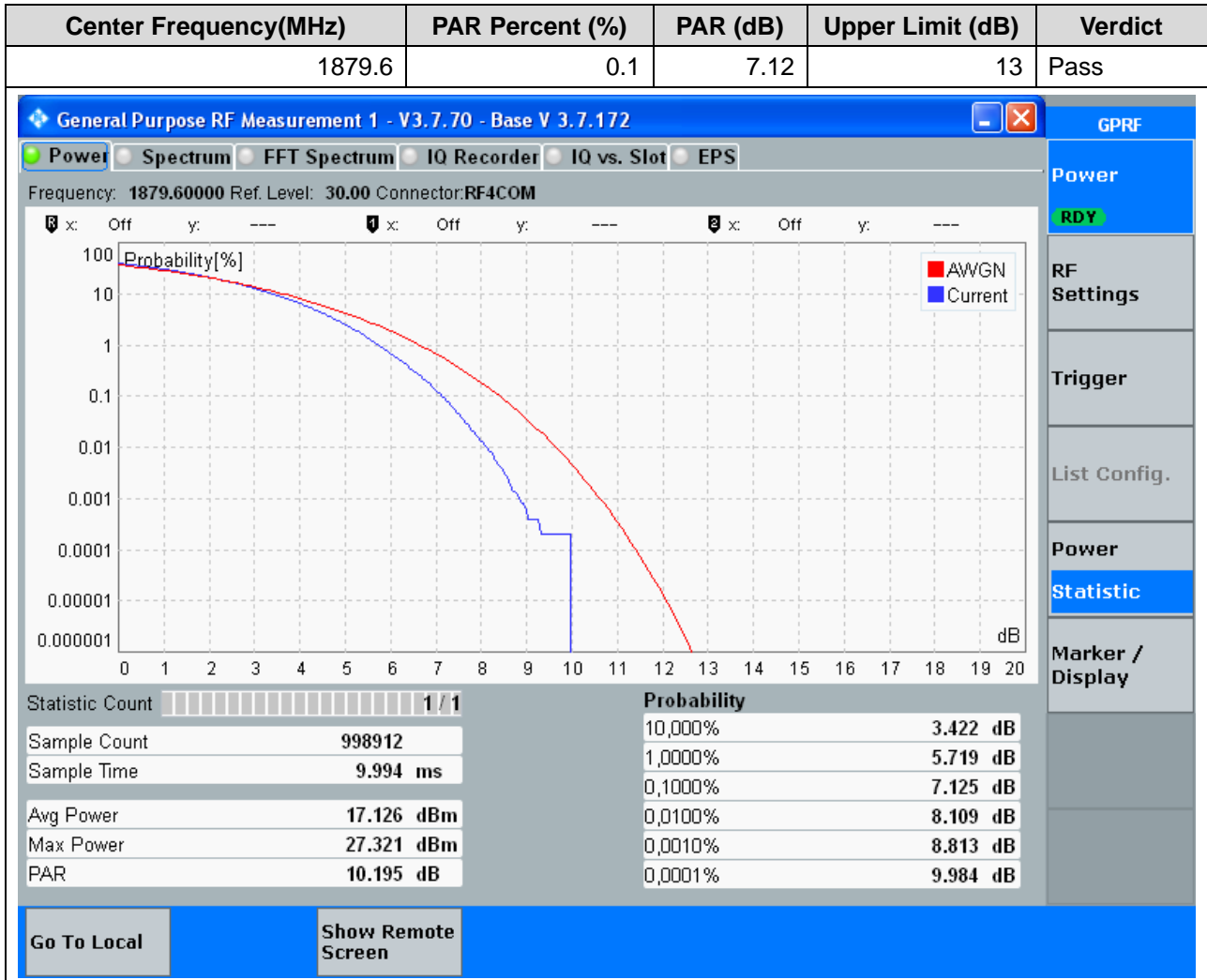
**1.2. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:18808|18925, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



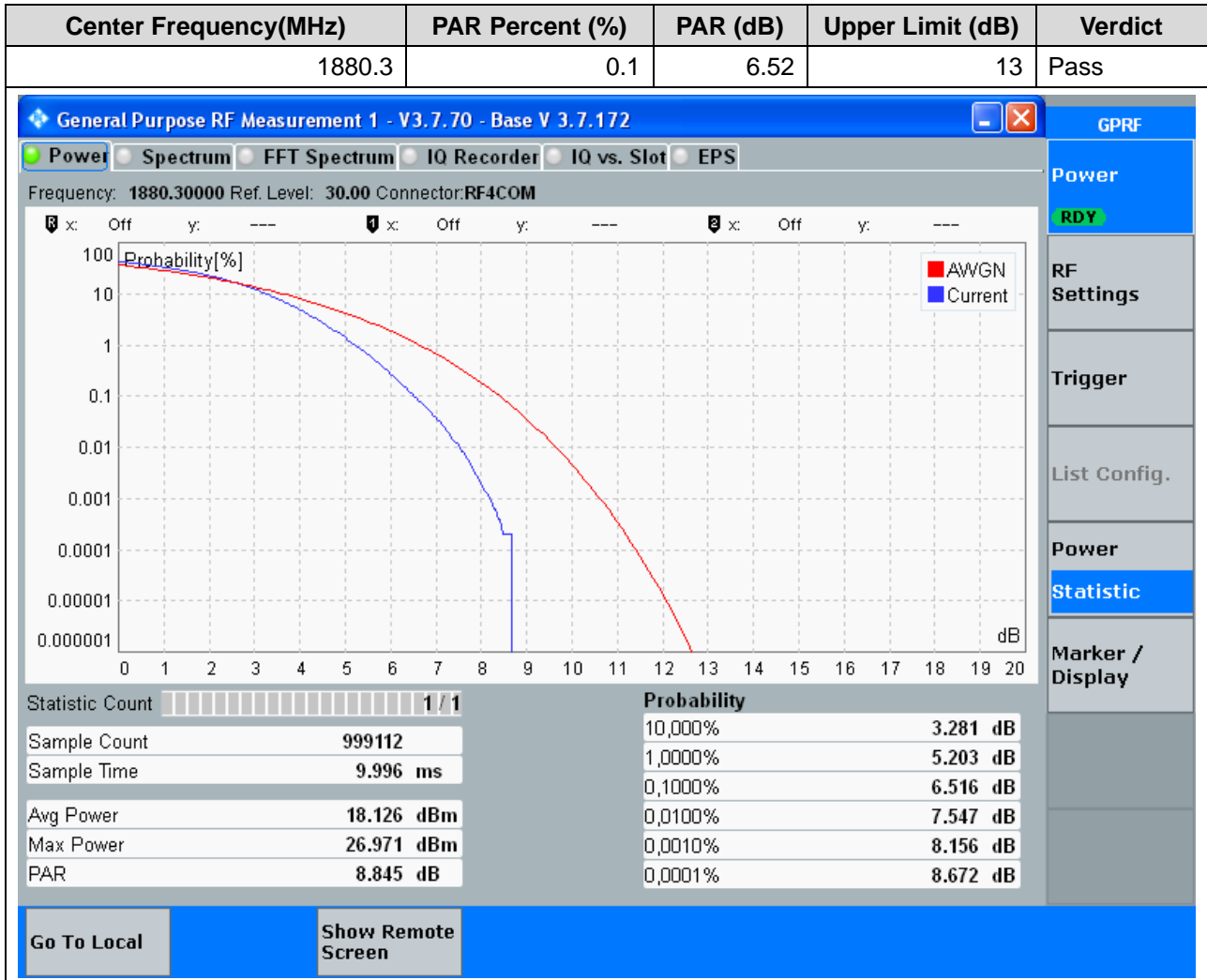
1.3. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:18875|18992, Bandwidth:20|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



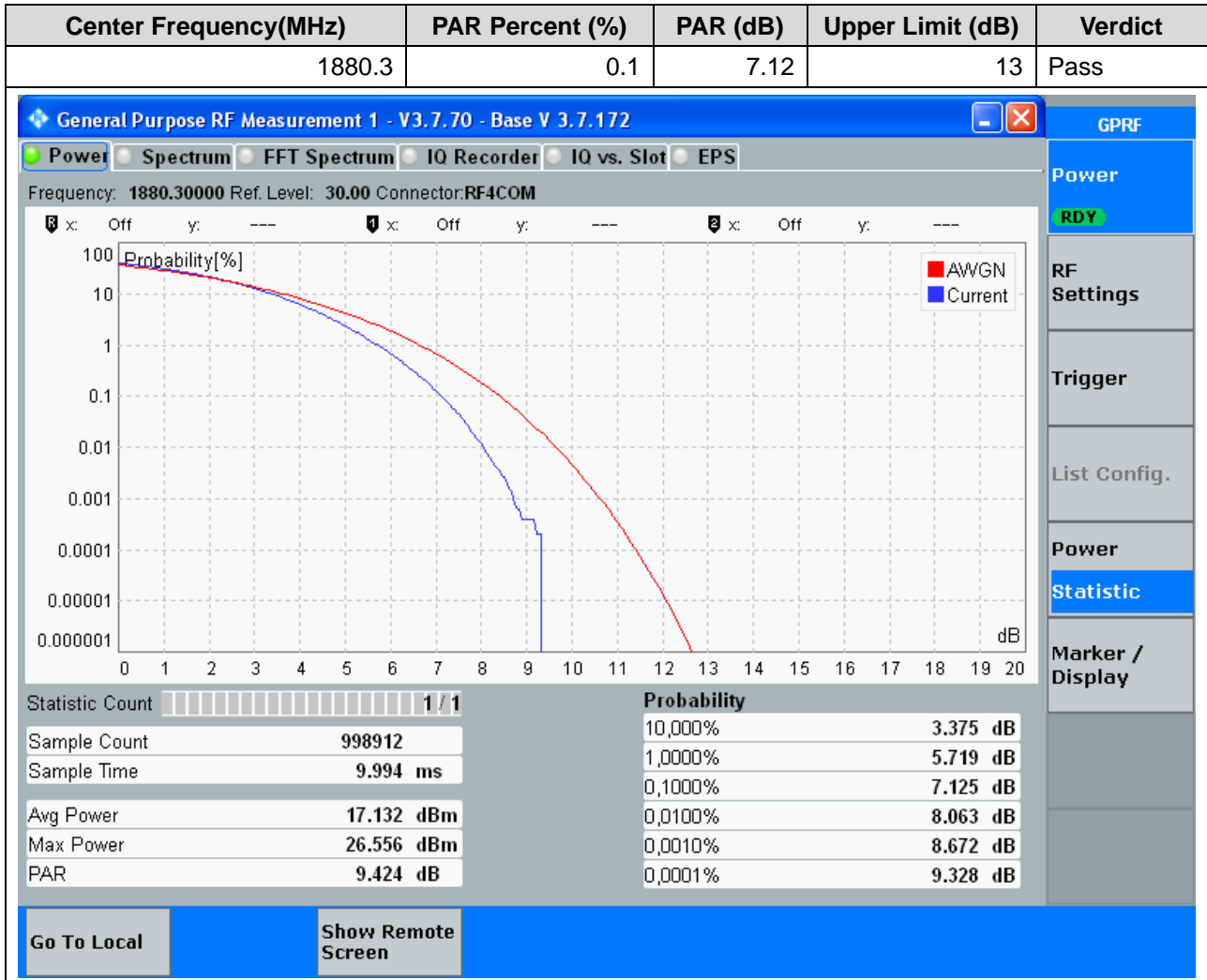
**1.4. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:18875|18992, Bandwidth:20|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



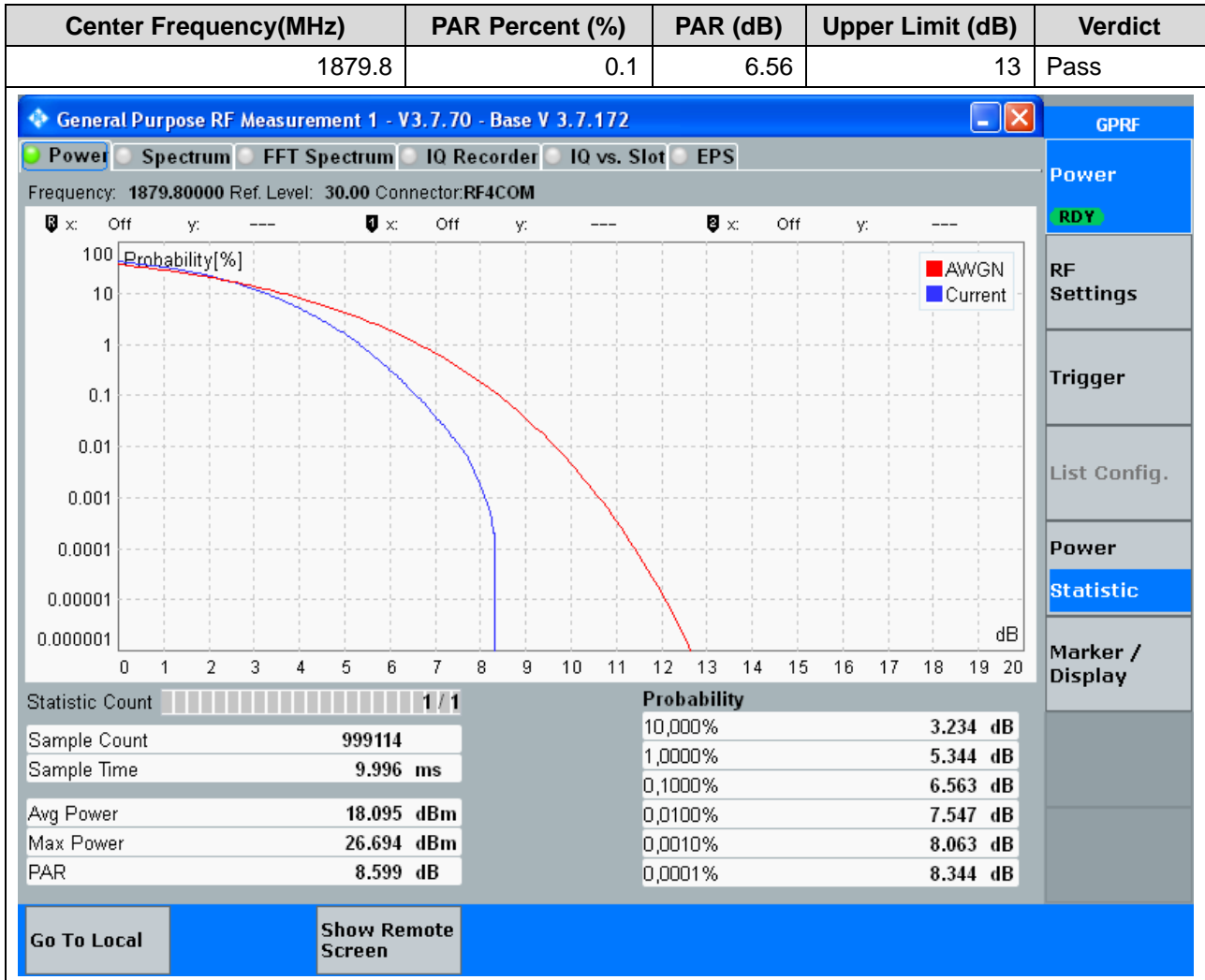
1.5. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:18806|18950, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



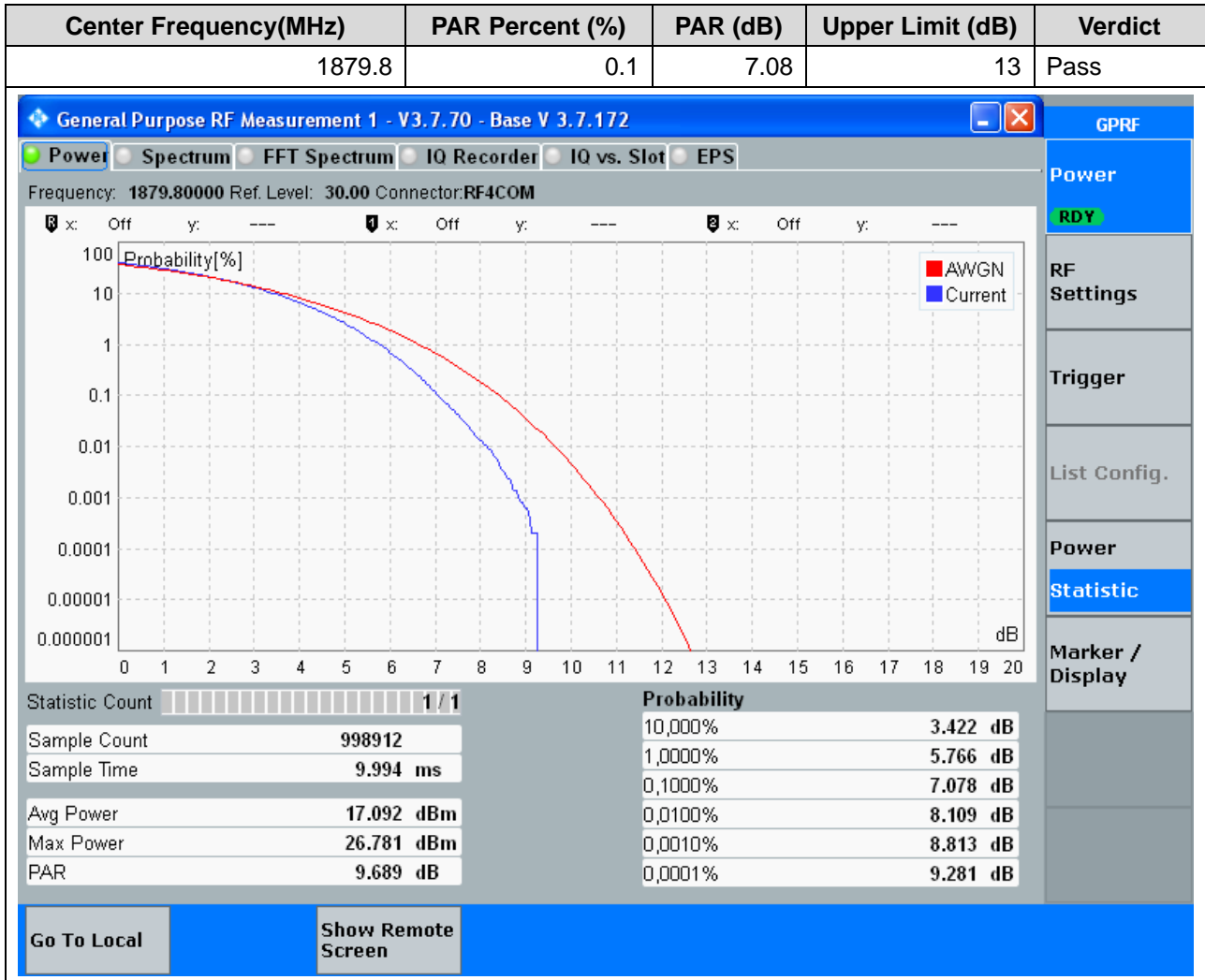
**1.6. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6,
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



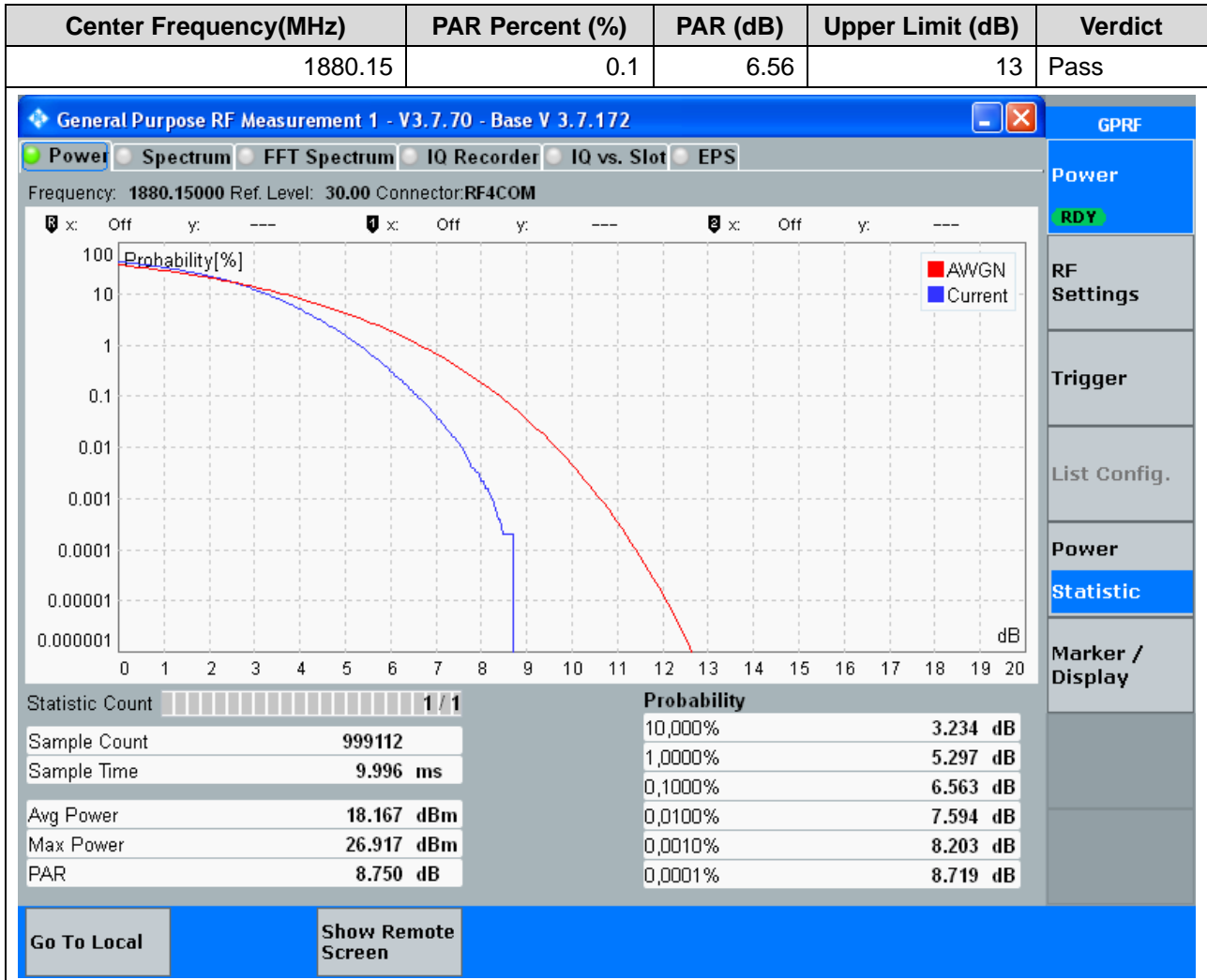
**1.7. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7,
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



**1.8. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8,
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



1.9. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:18829|18949, Bandwidth:10|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



1.10. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:18829|18949, Bandwidth:10|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880.15	0.1	7.12	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: 1880.15000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	Value	Probability	Value (dB)
Sample Count	998912	10,000%	3.422 dB
Sample Time	9.994 ms	1,0000%	5.766 dB
Avg Power	17.151 dBm	0,1000%	7.125 dB
Max Power	26.505 dBm	0,0100%	8.109 dB
PAR	9.354 dB	0,0010%	8.813 dB
		0,0001%	9.188 dB

Go To Local Show Remote Screen

1.11. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:18851|18971, Bandwidth:15|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1879.85	0.1	6.75	13	Pass

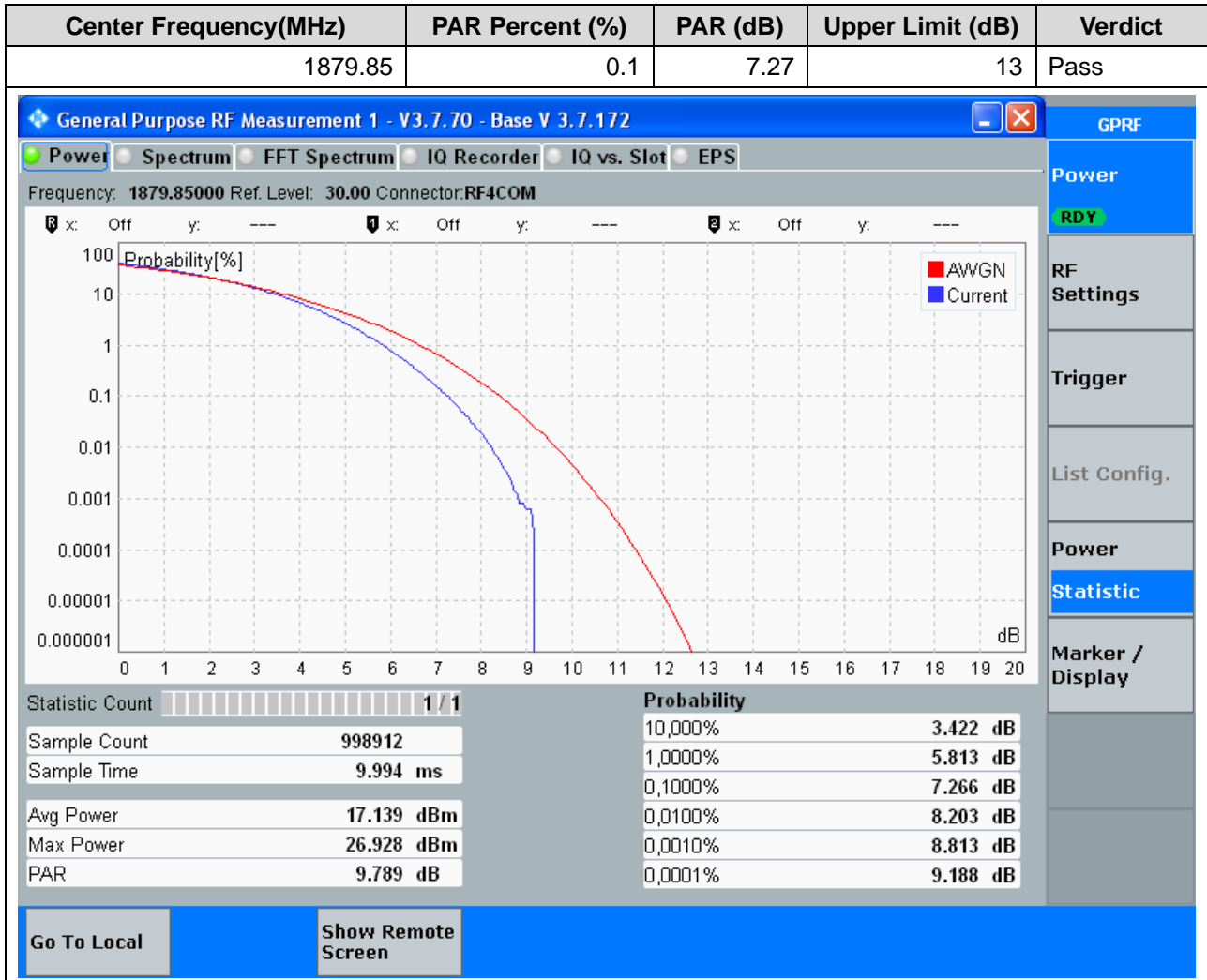
General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172

Frequency: 1879.85000 Ref. Level: 30.00 Connector:RF4COM

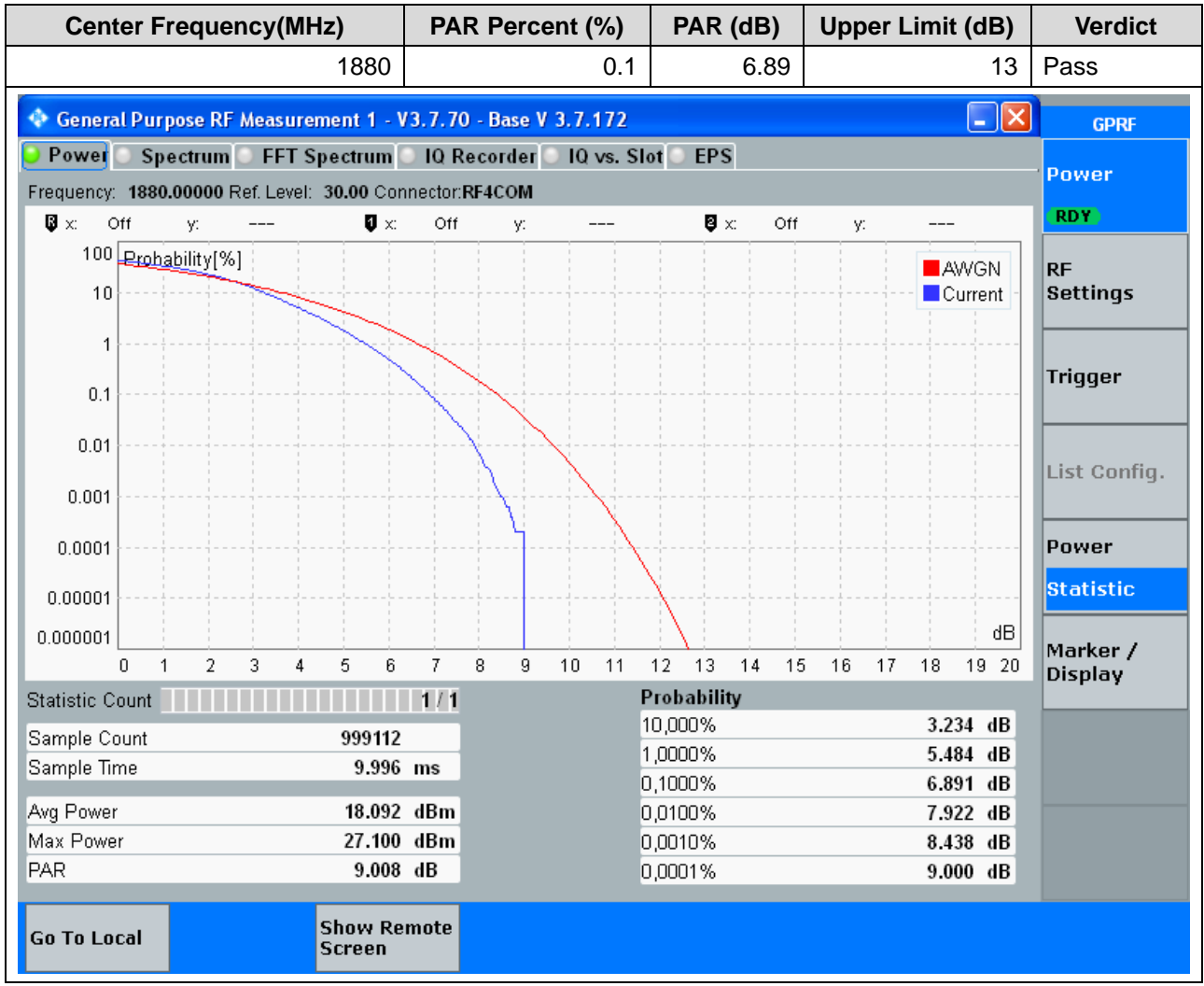
Statistic Count	Value	Probability	Value (dB)
Sample Count	999112	10,000%	3.281 dB
Sample Time	9.996 ms	1,0000%	5.438 dB
Avg Power	18.111 dBm	0,1000%	6.750 dB
Max Power	27.395 dBm	0,0100%	7.688 dB
PAR	9.284 dB	0,0010%	8.344 dB
		0,0001%	8.766 dB

Go To Local Show Remote Screen

1.12. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:18851|18971, Bandwidth:15|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



1.13. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:13, Channel:18825|18975, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



1.14. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:14, Channel:18825|18975, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	7.27	13	Pass

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

Frequency: 1880.00000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	Value	Probability	Value (dB)
Sample Count	998912	10,000%	3.469 dB
Sample Time	9.994 ms	1,0000%	5.813 dB
Avg Power	17.140 dBm	0,1000%	7.266 dB
Max Power	26.787 dBm	0,0100%	8.297 dB
PAR	9.647 dB	0,0010%	9.188 dB
		0,0001%	9.422 dB

Go To Local Show Remote Screen

1.15. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:15, Channel:18803|18974, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880.1	0.1	6.66	13	Pass

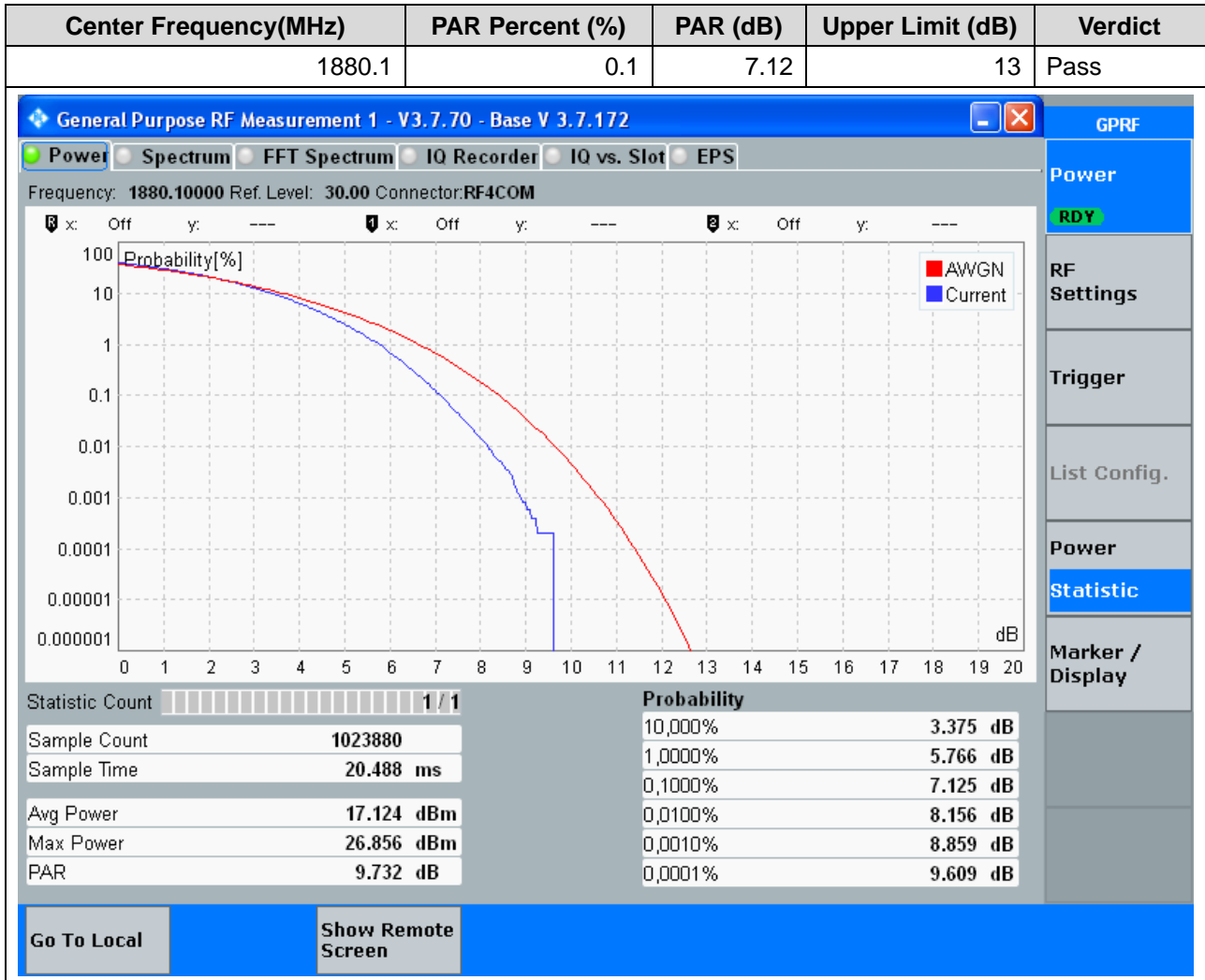
General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172

Frequency: 1880.10000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	Value	Probability	Value (dB)
Sample Count	999113	10,000%	3.234 dB
Sample Time	19.992 ms	1,0000%	5.344 dB
Avg Power	18.123 dBm	0,1000%	6.656 dB
Max Power	26.853 dBm	0,0100%	7.547 dB
PAR	8.730 dB	0,0010%	8.203 dB
		0,0001%	8.672 dB

Go To Local Show Remote Screen

**1.16. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:16,
Channel:18803|18974, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



1.17. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:17, Channel:18826|18997, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1879.9	0.1	6.61	13	Pass

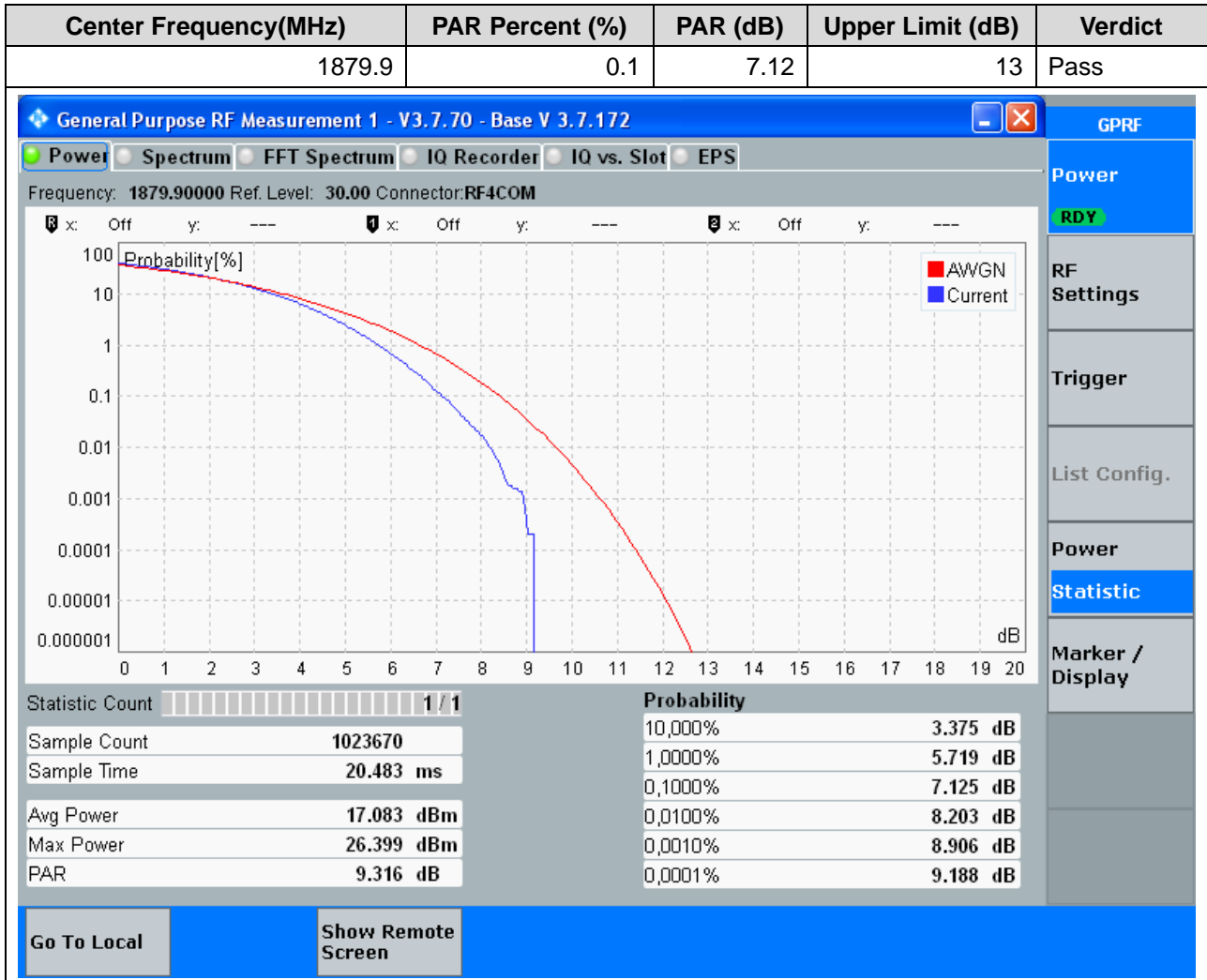
General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172

Frequency: 1879.90000 Ref. Level: 30.00 Connector:RF4COM

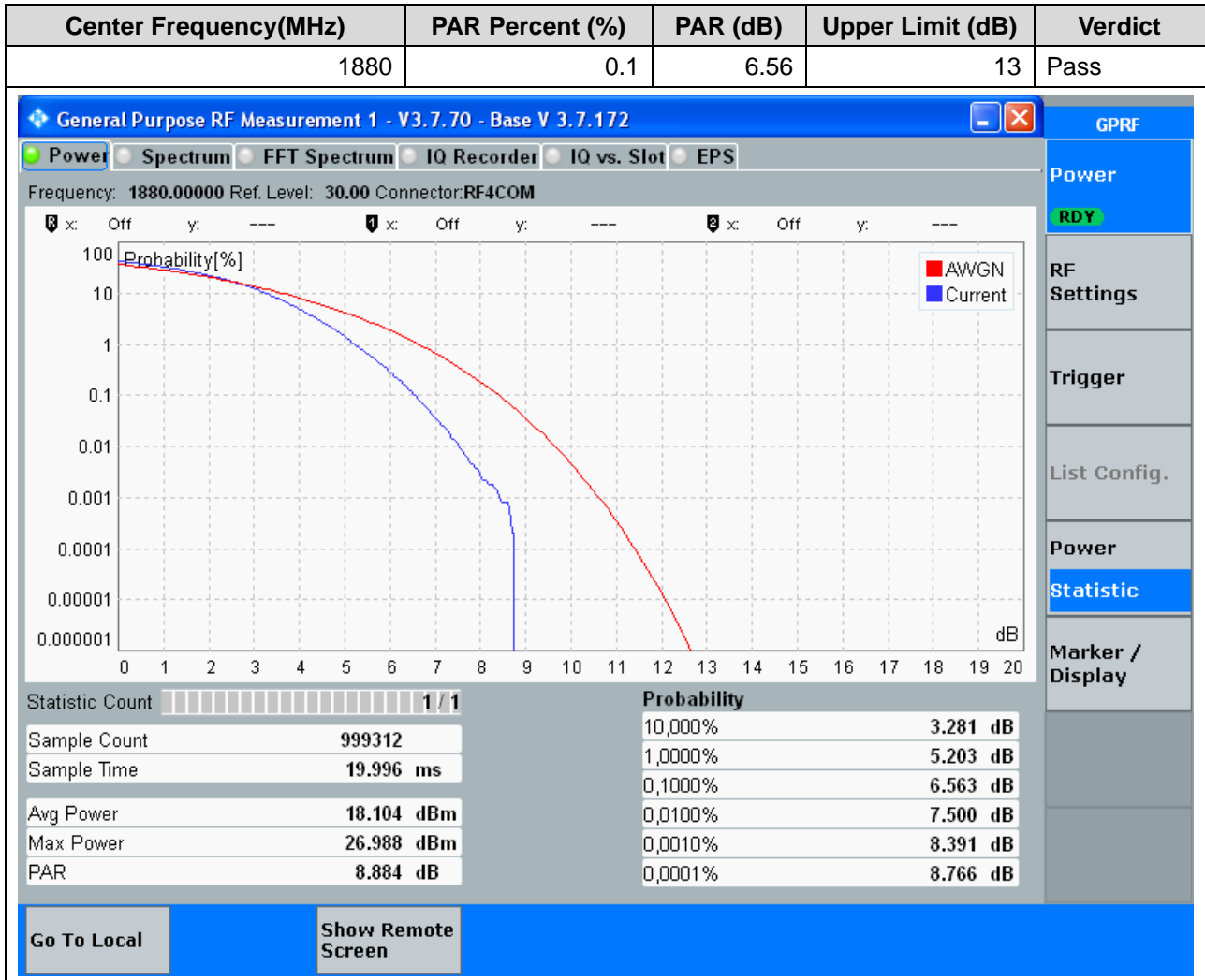
Statistic Count	Value	Probability	Value (dB)
Sample Count	999312	10,000%	3.281 dB
Sample Time	19.996 ms	1,0000%	5.297 dB
Avg Power	18.132 dBm	0,1000%	6.609 dB
Max Power	27.263 dBm	0,0100%	7.547 dB
PAR	9.130 dB	0,0010%	8.391 dB
		0,0001%	8.859 dB

Go To Local Show Remote Screen

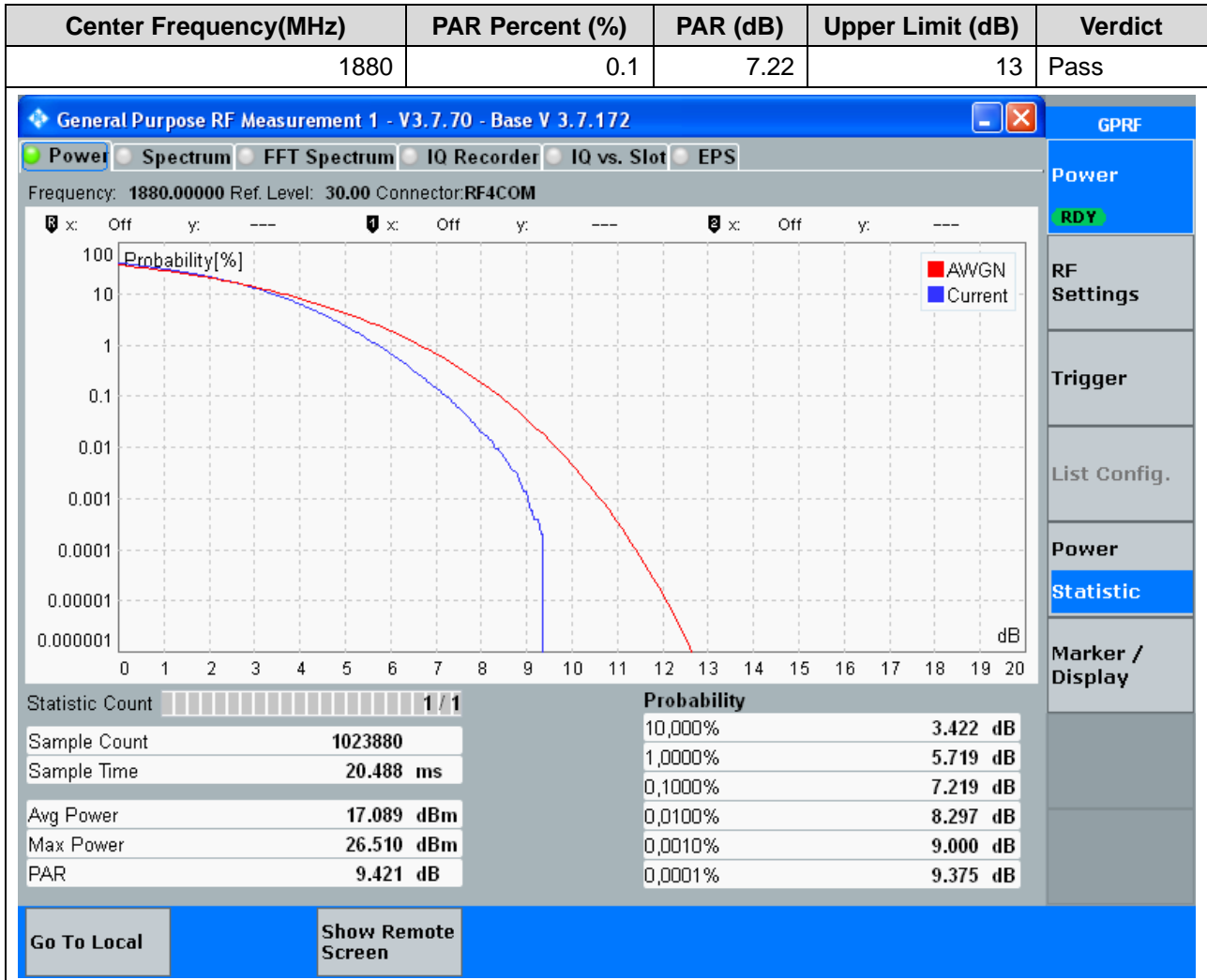
1.18. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:18, Channel:18826|18997, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



1.19. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:19, Channel:18801|18999, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

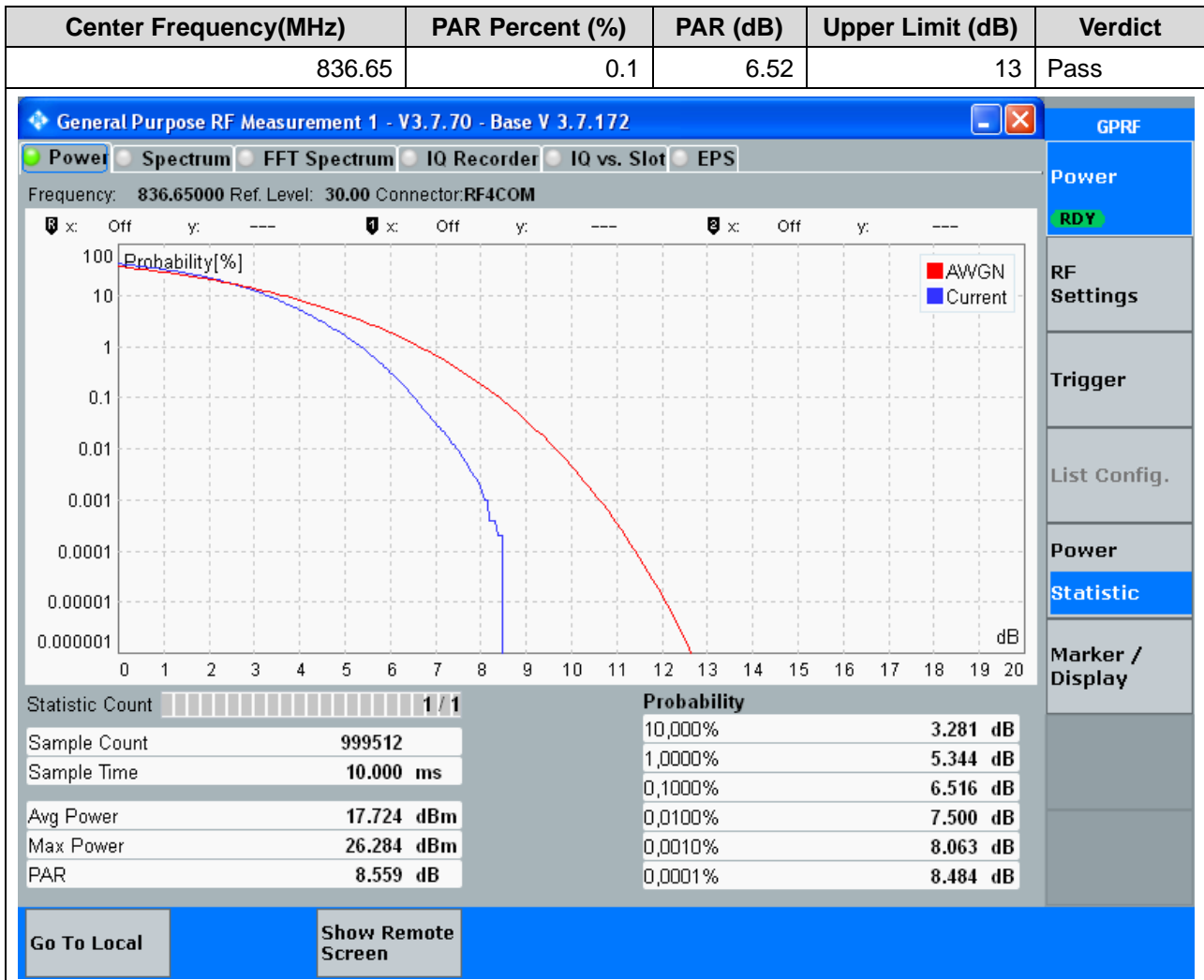


1.20. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:20, Channel:18801|18999, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

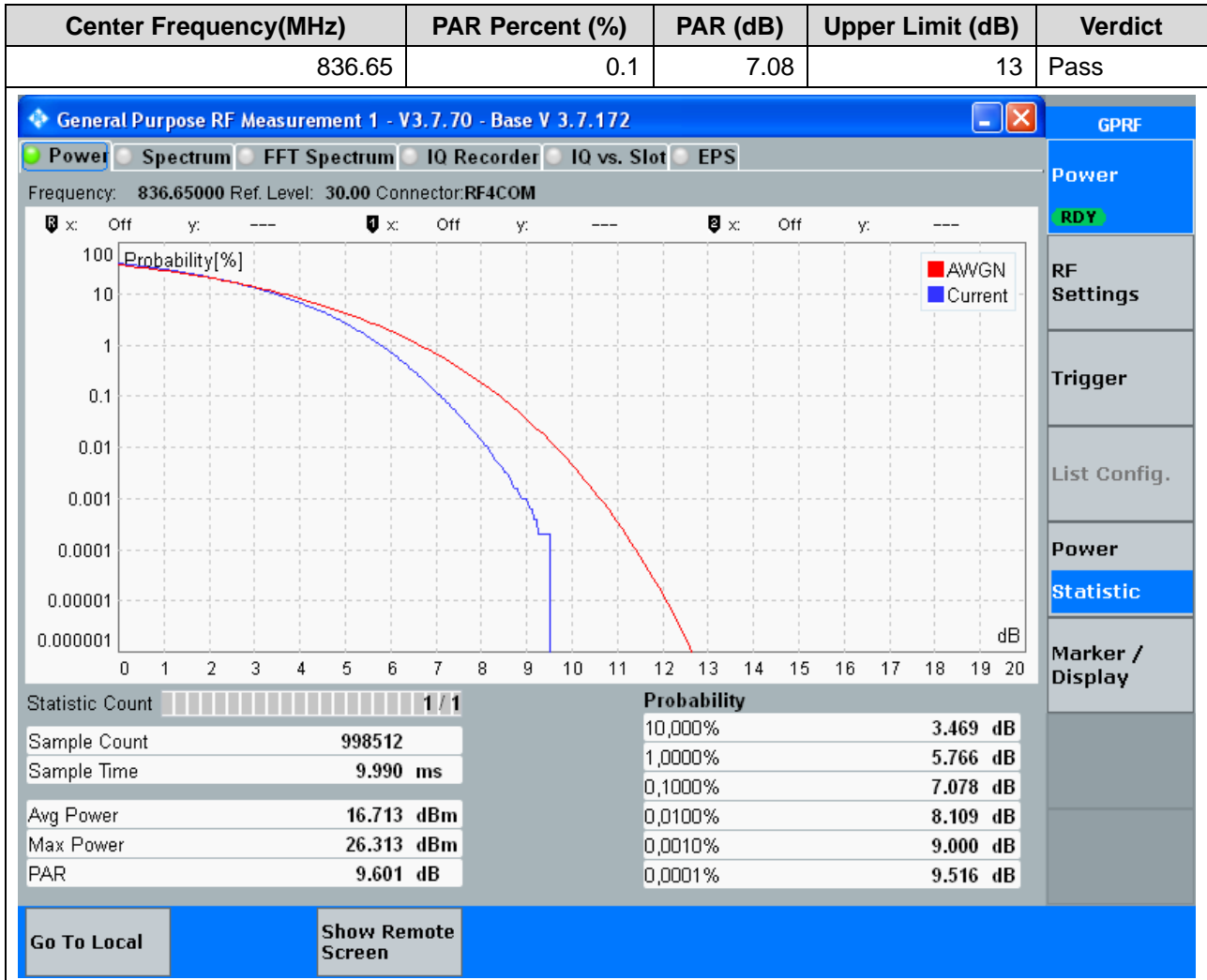


2. CA_5B

2.1. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**2.2. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



2.3. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.35	0.1	6.61	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

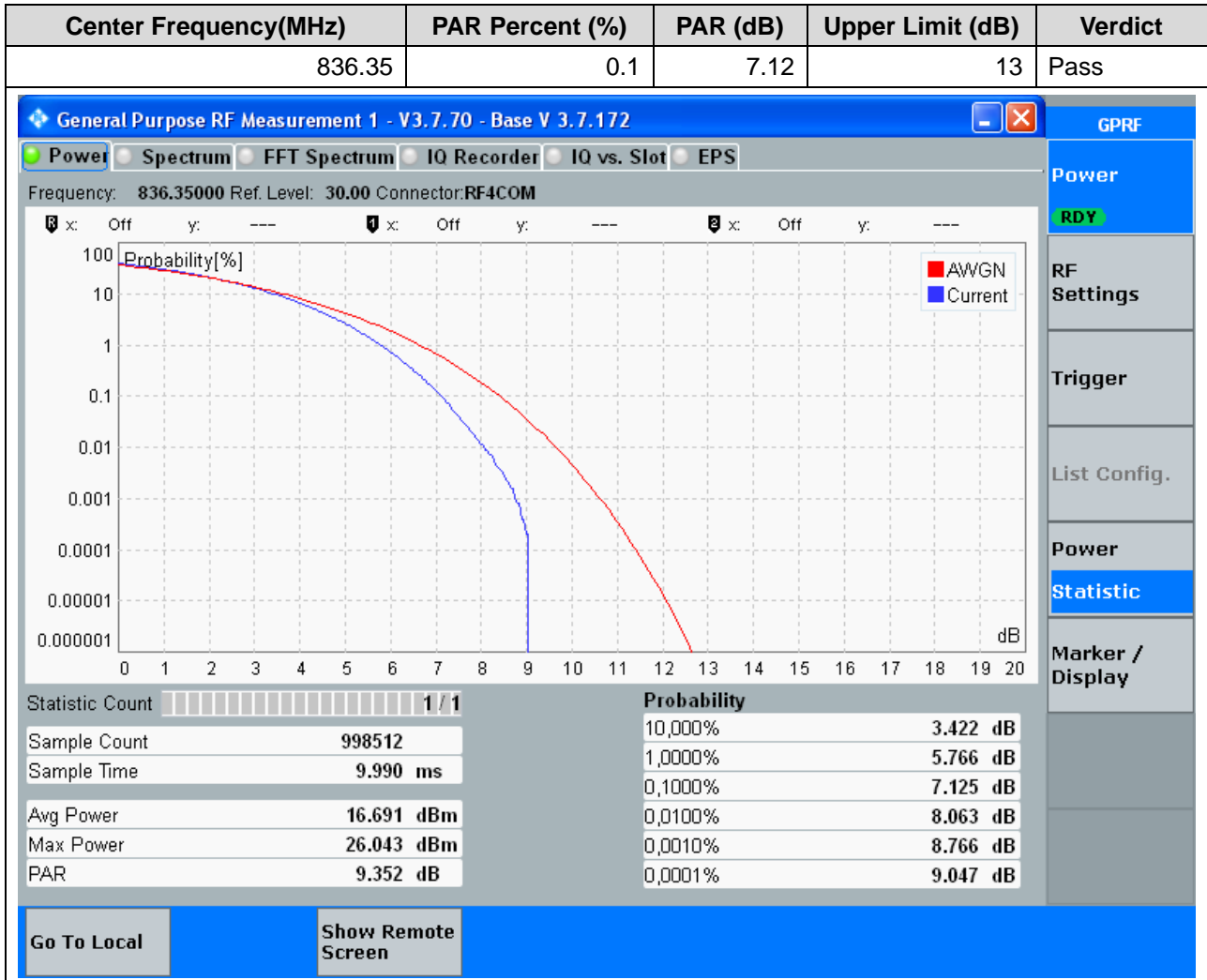
Frequency: 836.35000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	1 / 1
Sample Count	999512
Sample Time	10.000 ms
Avg Power	17.692 dBm
Max Power	26.667 dBm
PAR	8.975 dB

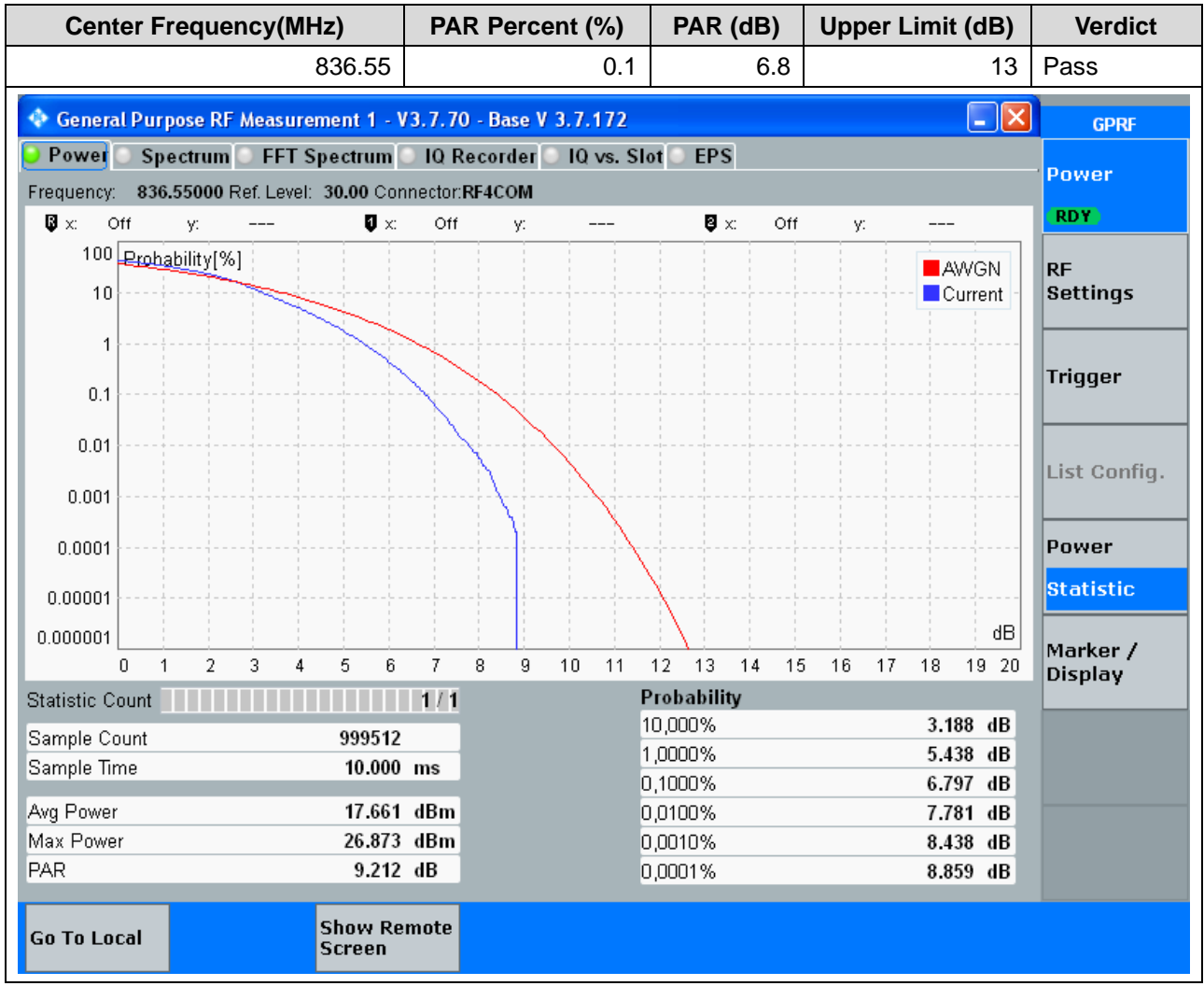
Probability	
10,000%	3.281 dB
1,0000%	5.297 dB
0,1000%	6.609 dB
0,0100%	7.547 dB
0,0010%	8.203 dB
0,0001%	8.813 dB

Go To Local Show Remote Screen

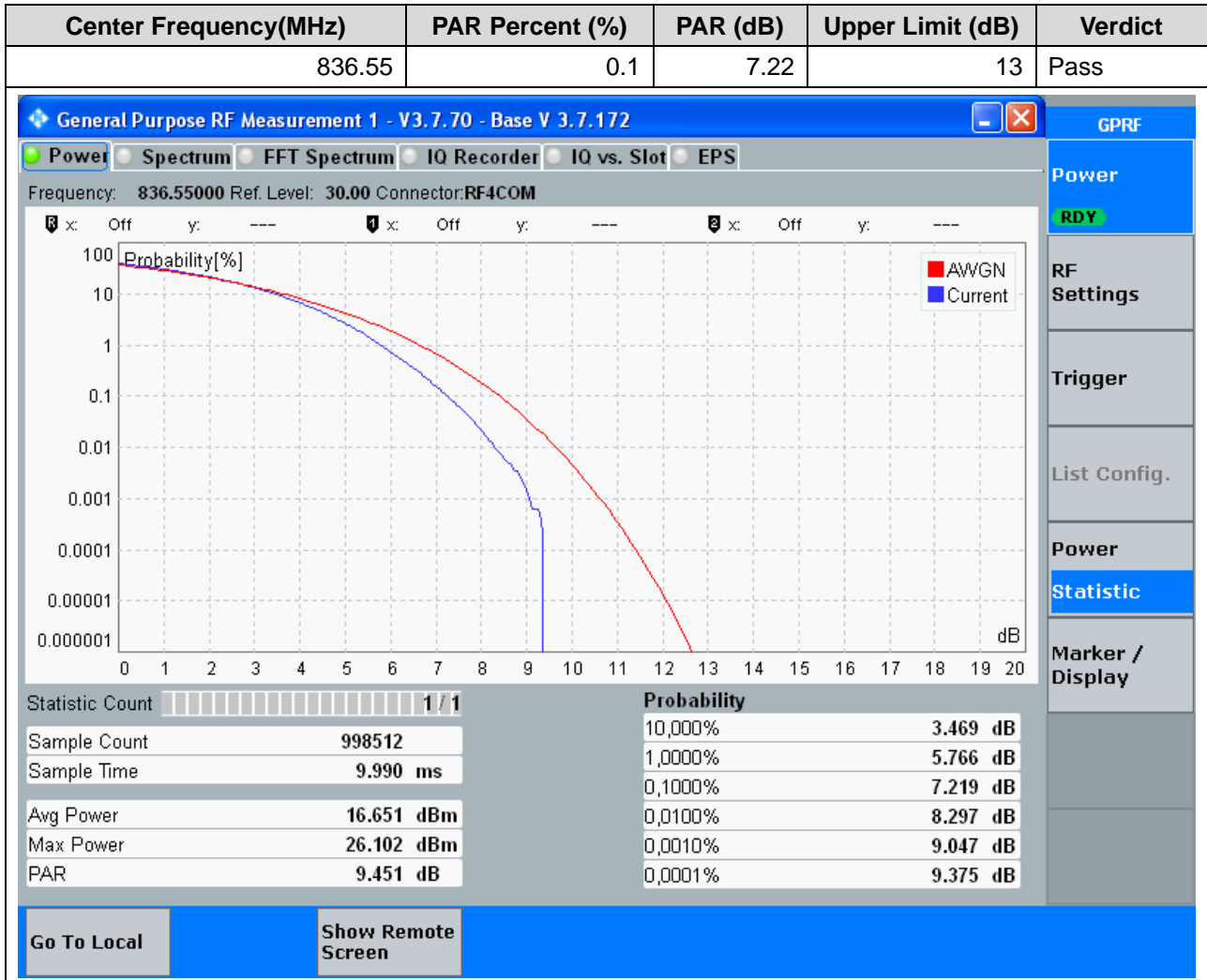
2.4. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



2.5. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:20476|20575, Bandwidth:10|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

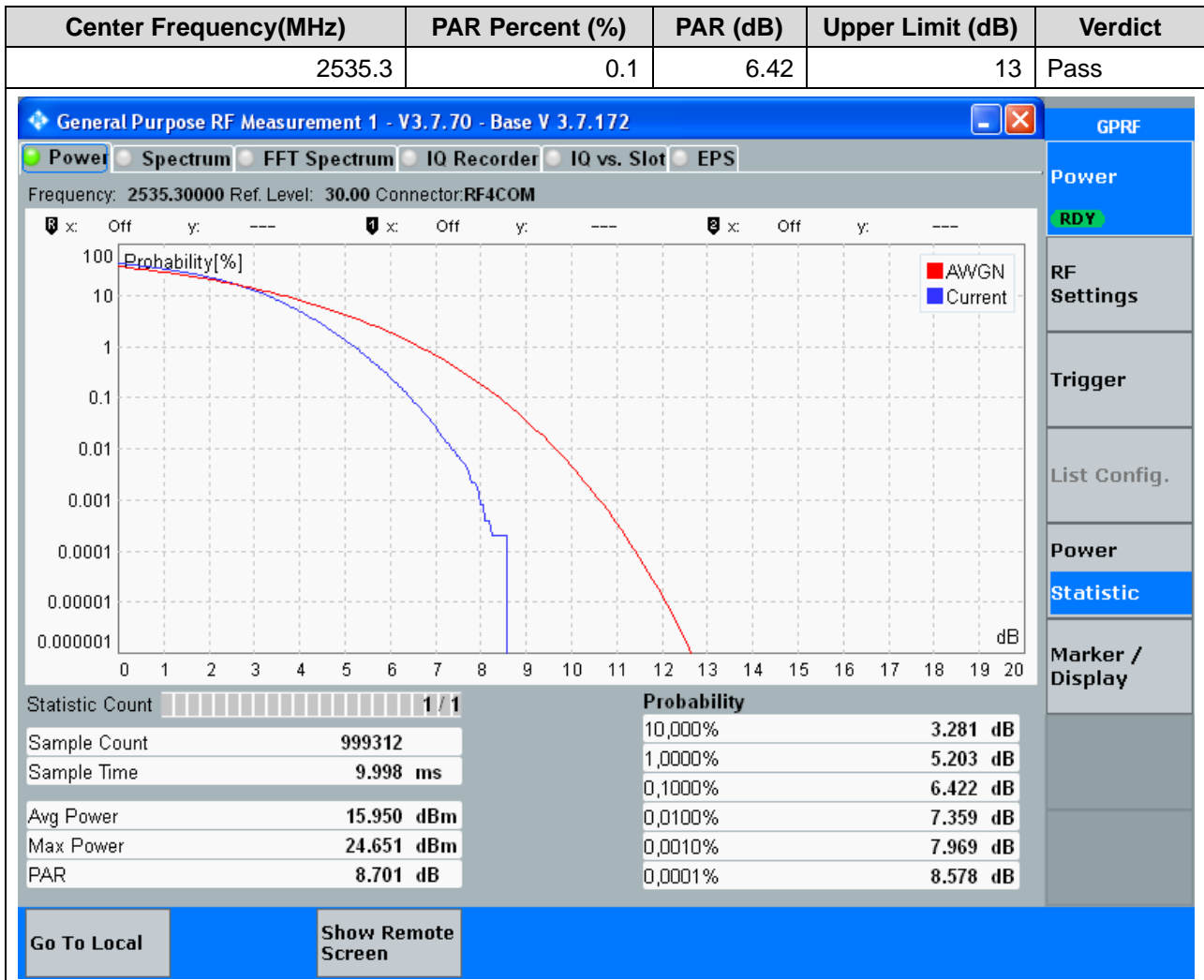


**2.6. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6,
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

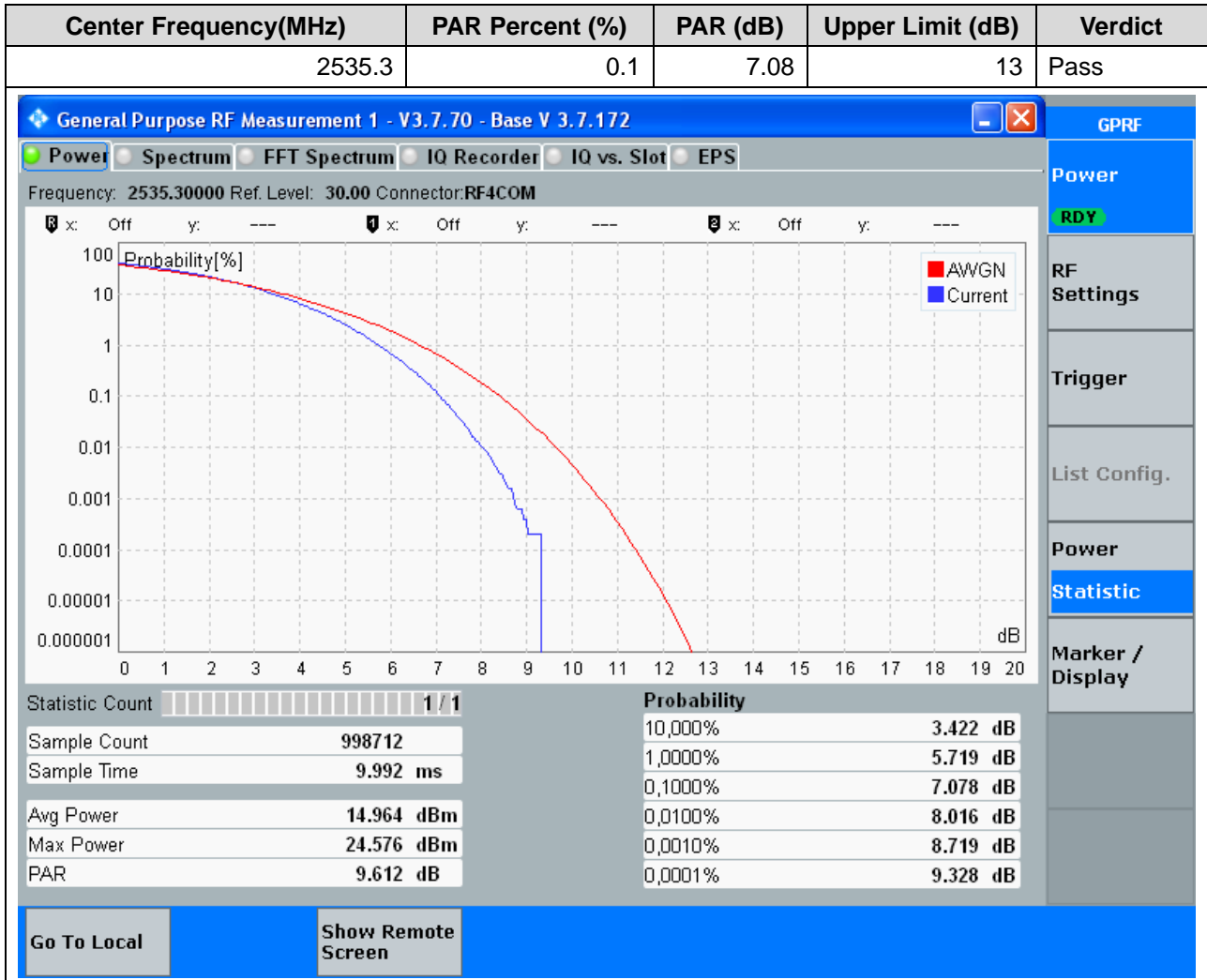


3. CA_7C

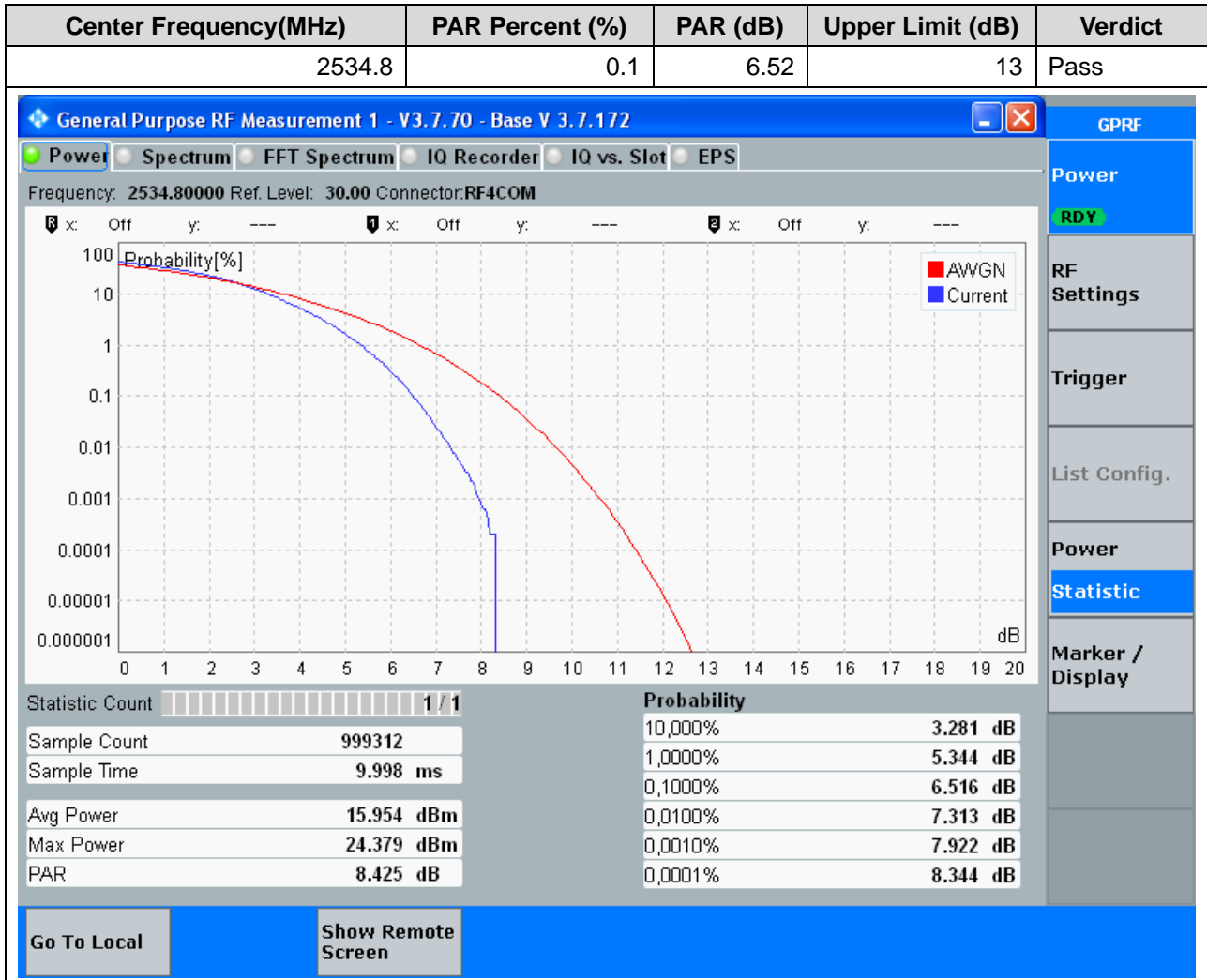
3.2. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



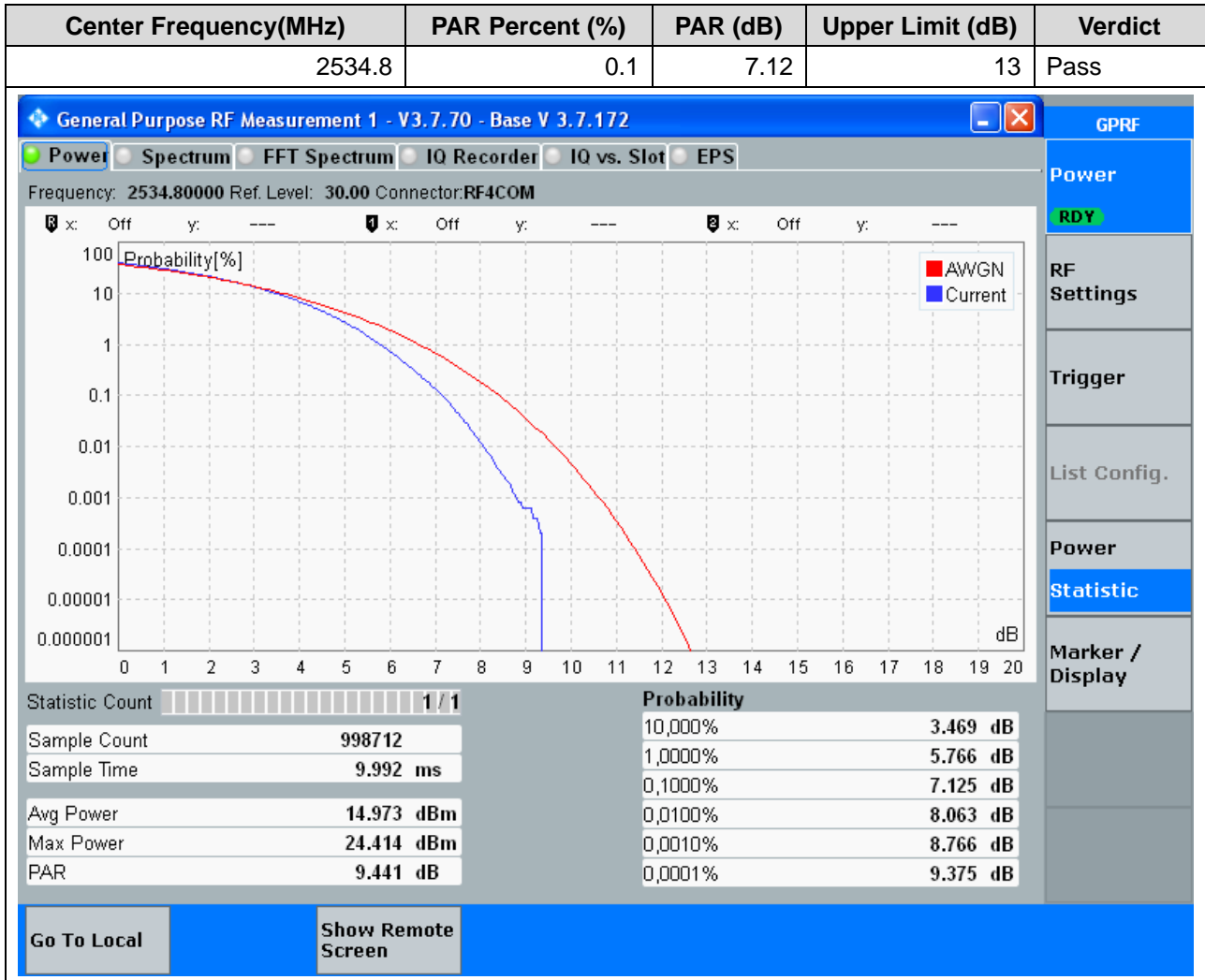
**3.3. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



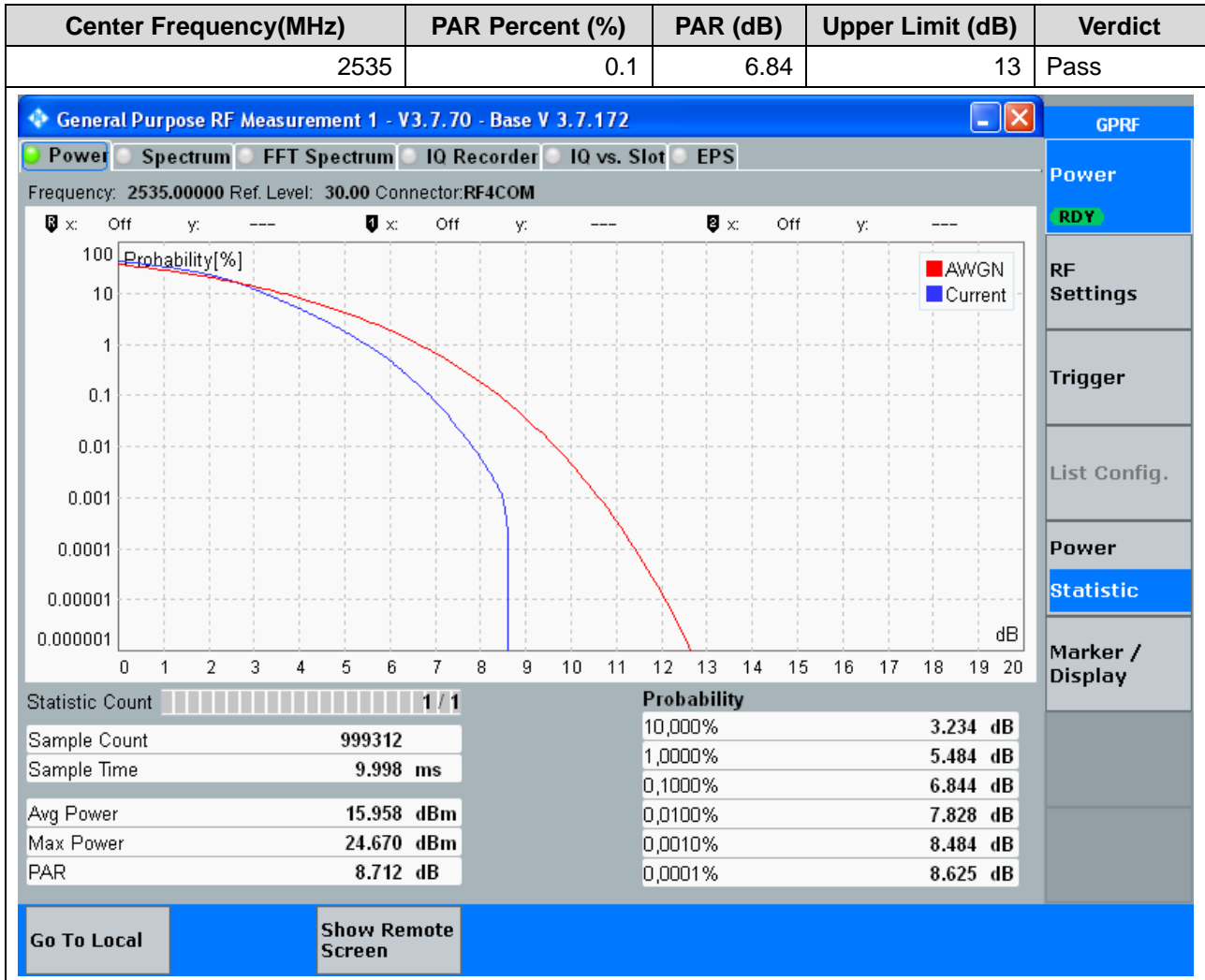
3.4. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



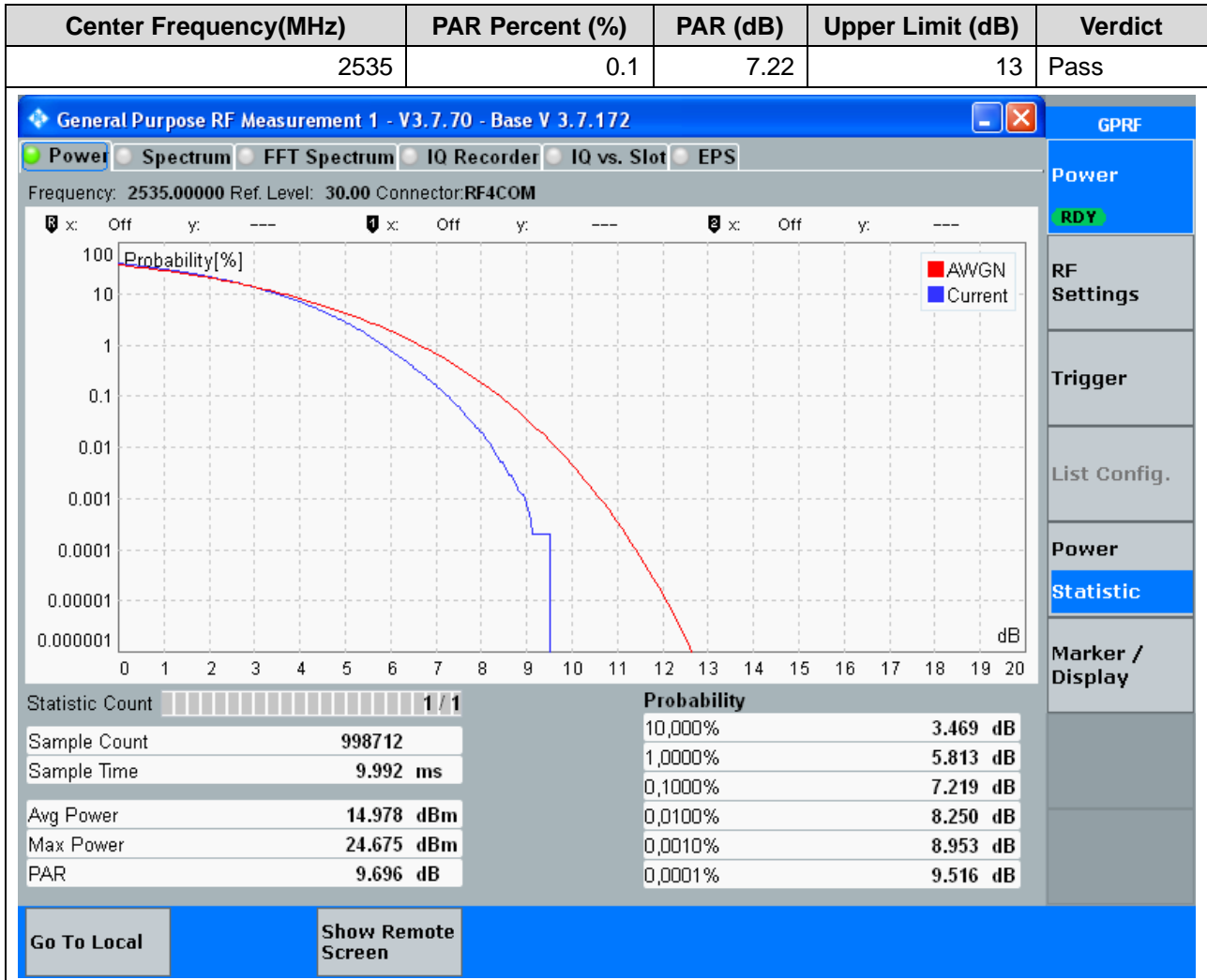
**3.5. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



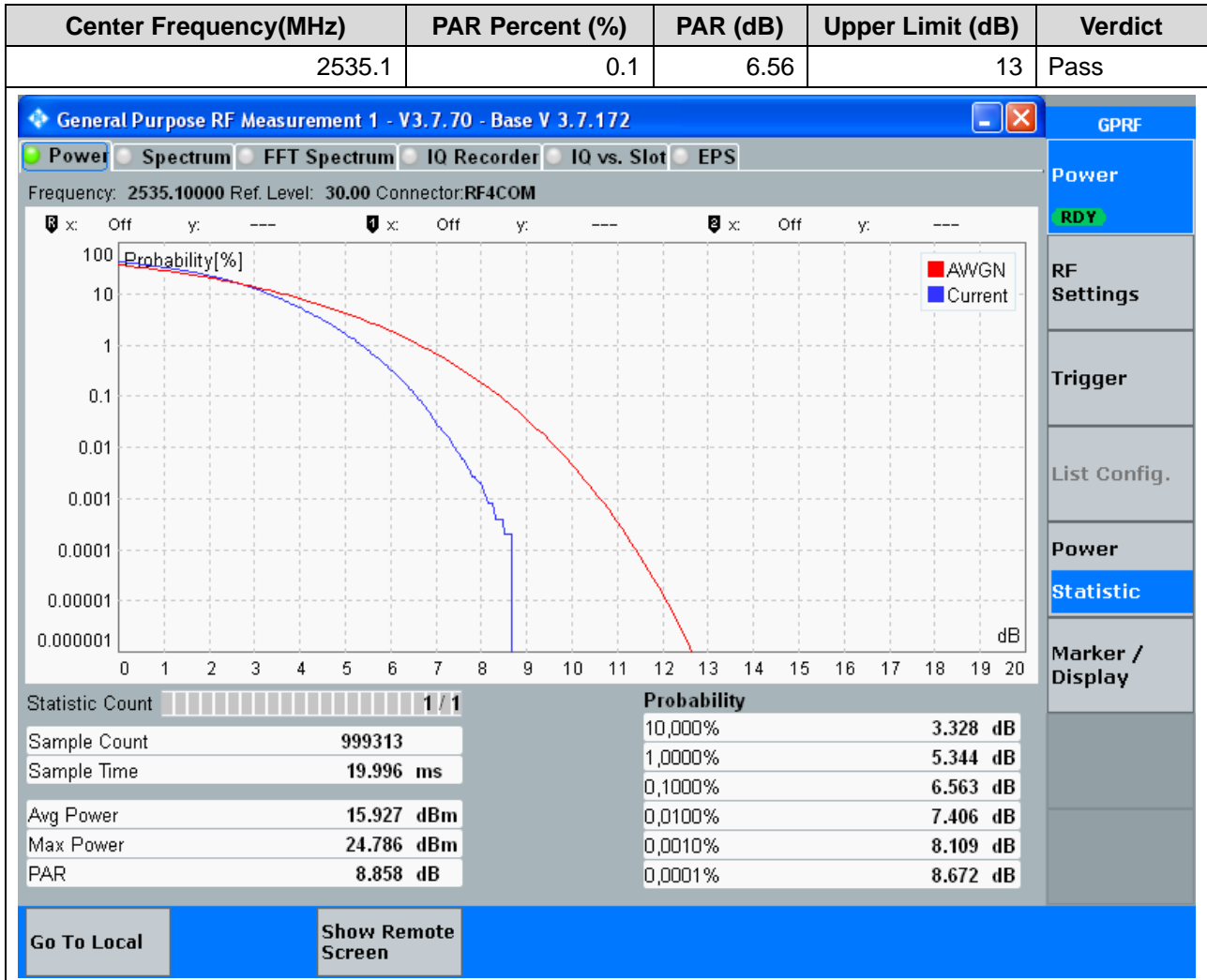
3.6. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



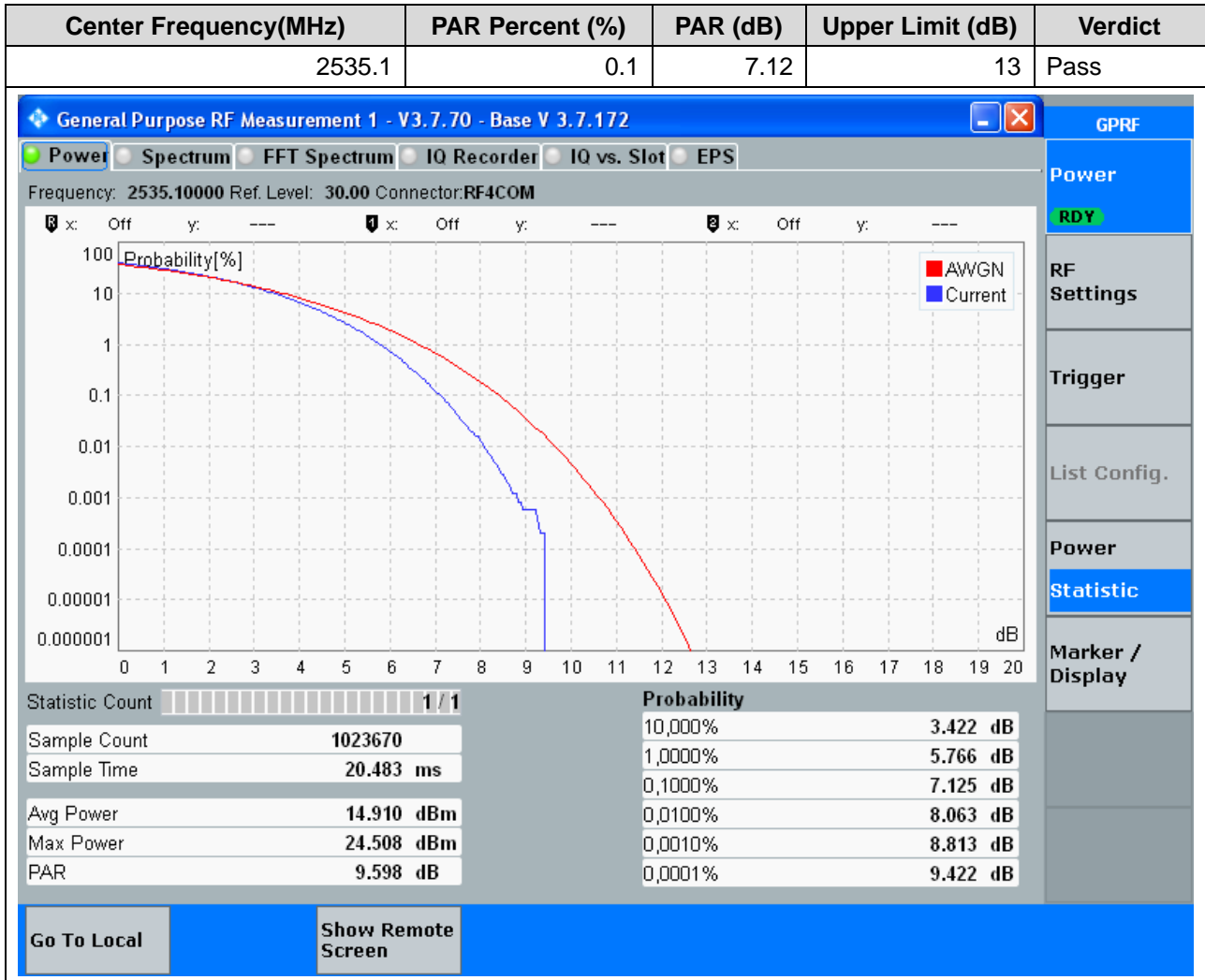
**3.7. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



3.8. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



**3.9. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



3.10. LTE-A Peak to Average Ratio_Part22-24-27(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	6.52	13	Pass

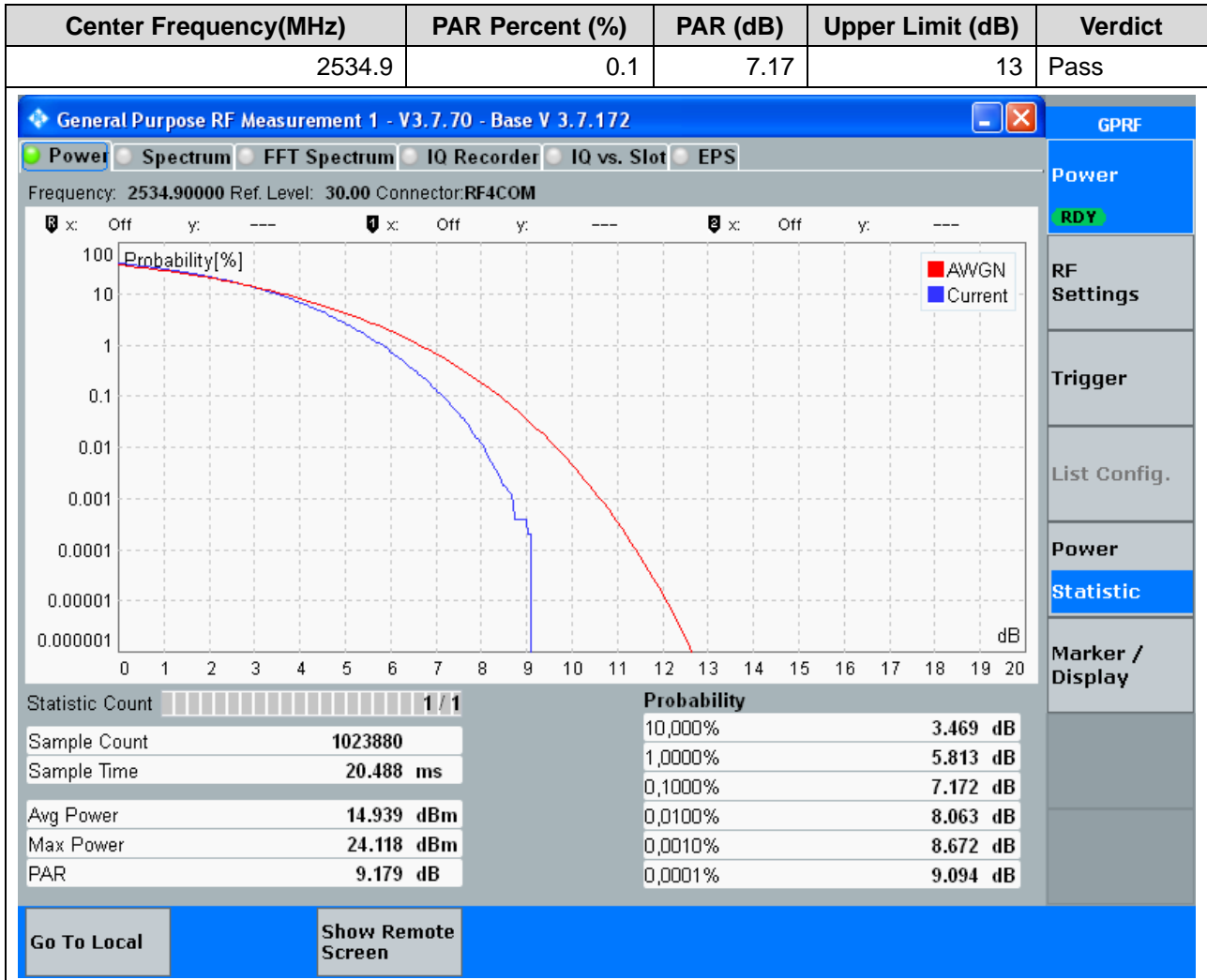
General Purpose RF Measurement 1 - V3.7.70 - Base V 3.7.172

Frequency: 2534.90000 Ref. Level: 30.00 Connector:RF4COM

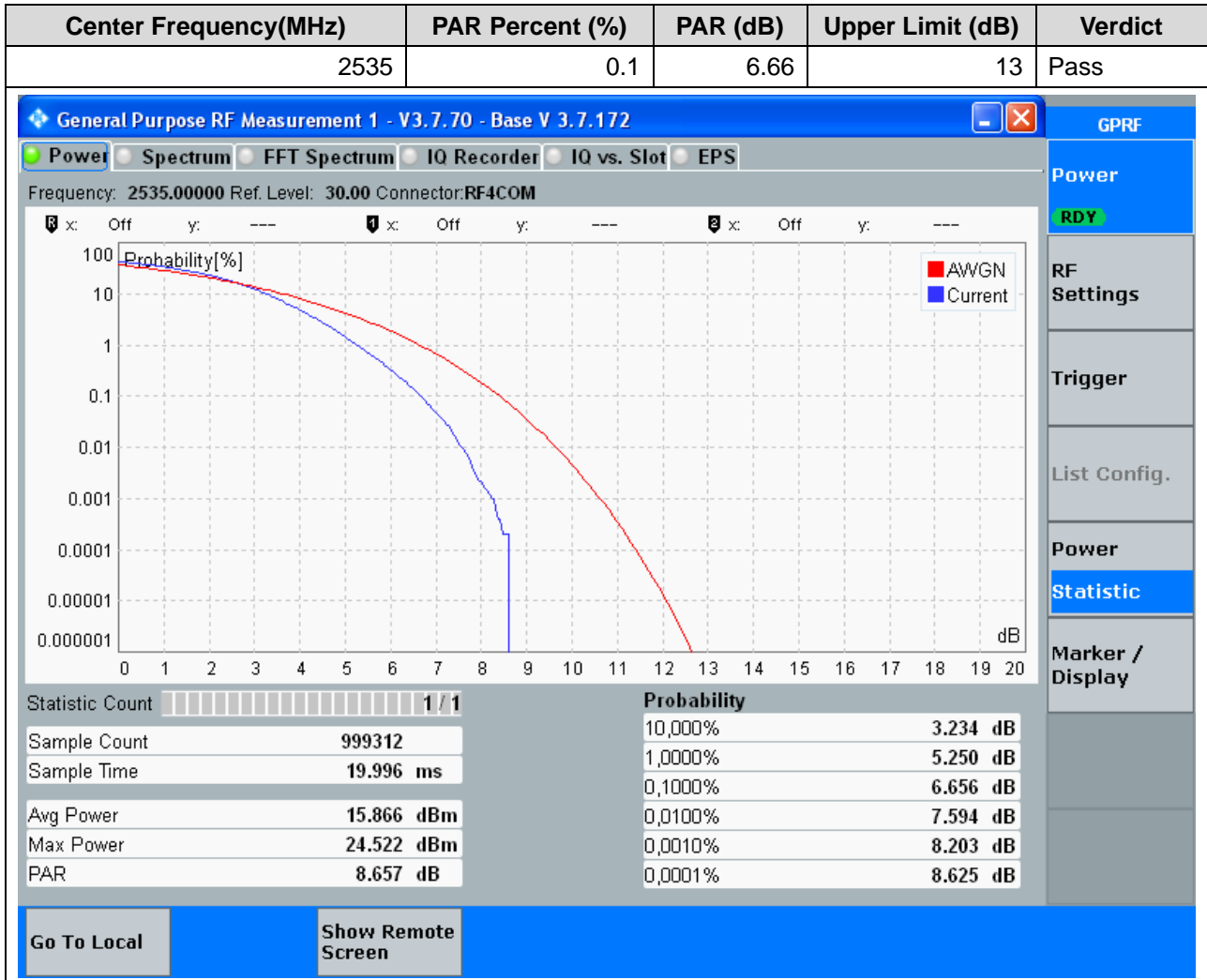
Statistic Count	Value	Probability	Value (dB)
Sample Count	999312	10,000%	3.328 dB
Sample Time	19.996 ms	1,0000%	5.344 dB
Avg Power	15.924 dBm	0,1000%	6.516 dB
Max Power	25.057 dBm	0,0100%	7.406 dB
PAR	9.133 dB	0,0010%	8.203 dB
		0,0001%	8.719 dB

Go To Local Show Remote Screen

3.11. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



3.12. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



3.13. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	7.17	13	Pass

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

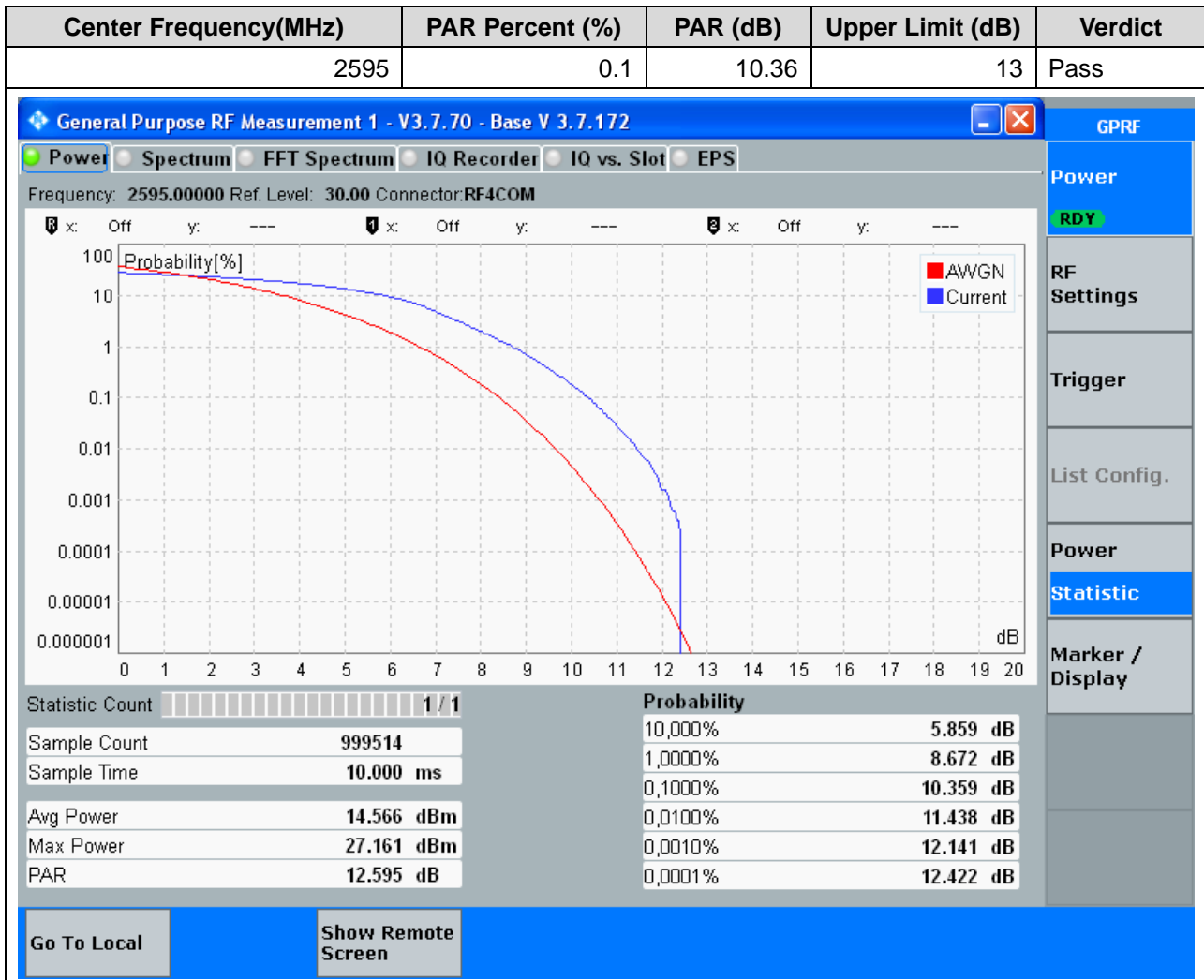
Frequency: 2535.00000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	Value	Probability	Value (dB)
Sample Count	1023880	10,000%	3.422 dB
Sample Time	20.488 ms	1,0000%	5.719 dB
Avg Power	14.877 dBm	0,1000%	7.172 dB
Max Power	25.029 dBm	0,0100%	8.203 dB
PAR	10.152 dB	0,0010%	9.000 dB
		0,0001%	10.031 dB

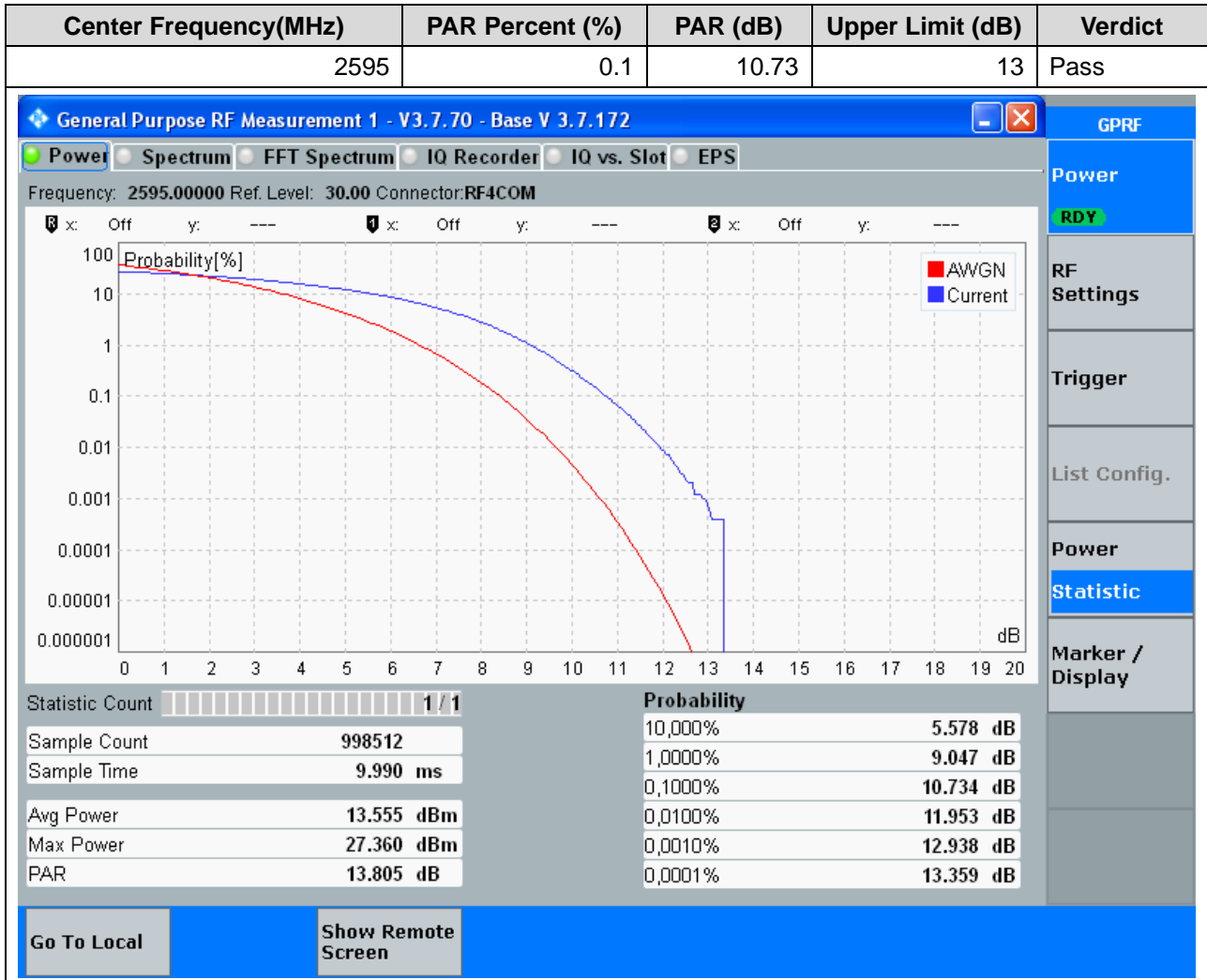
Go To Local Show Remote Screen

5. CA_38C

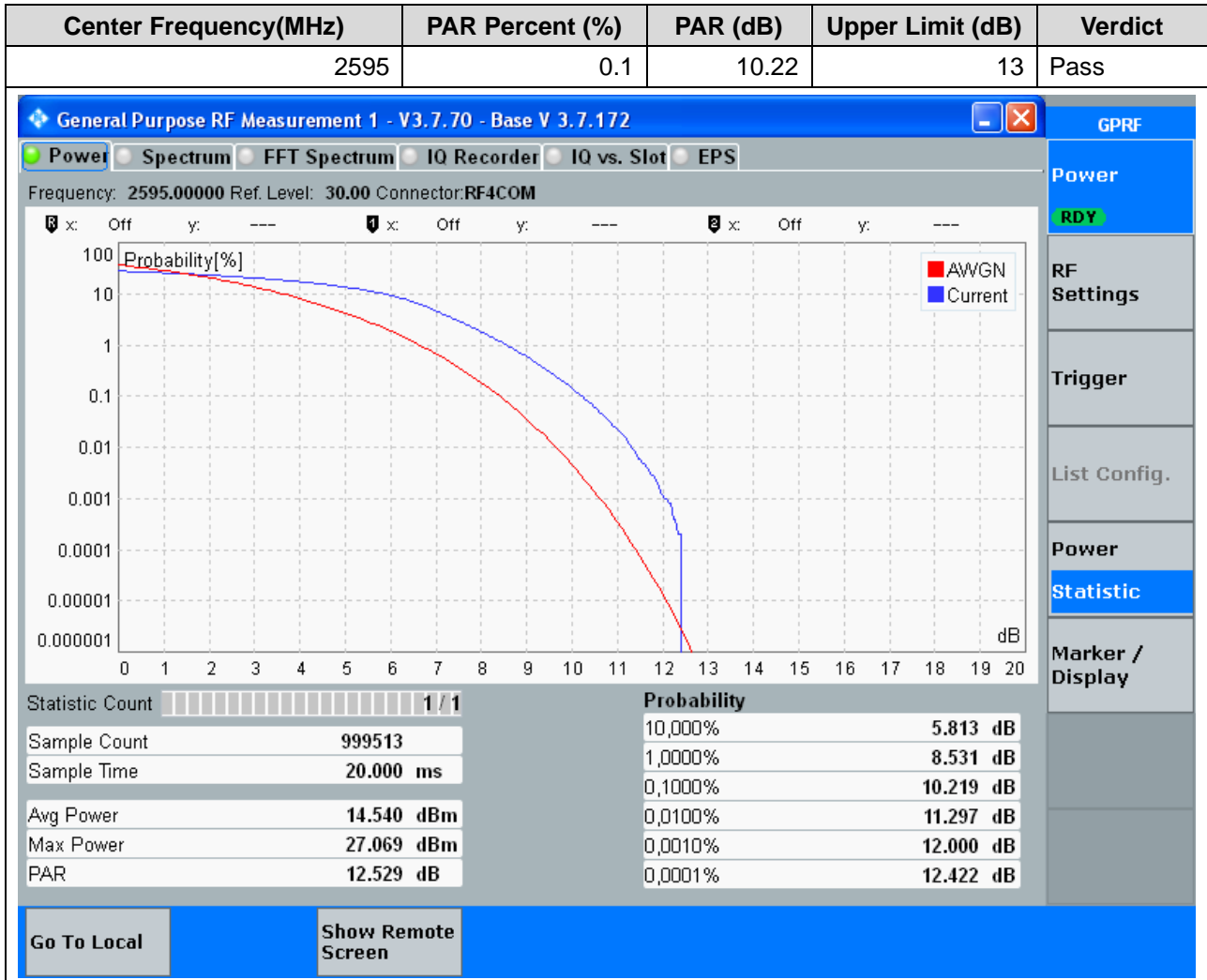
5.1. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



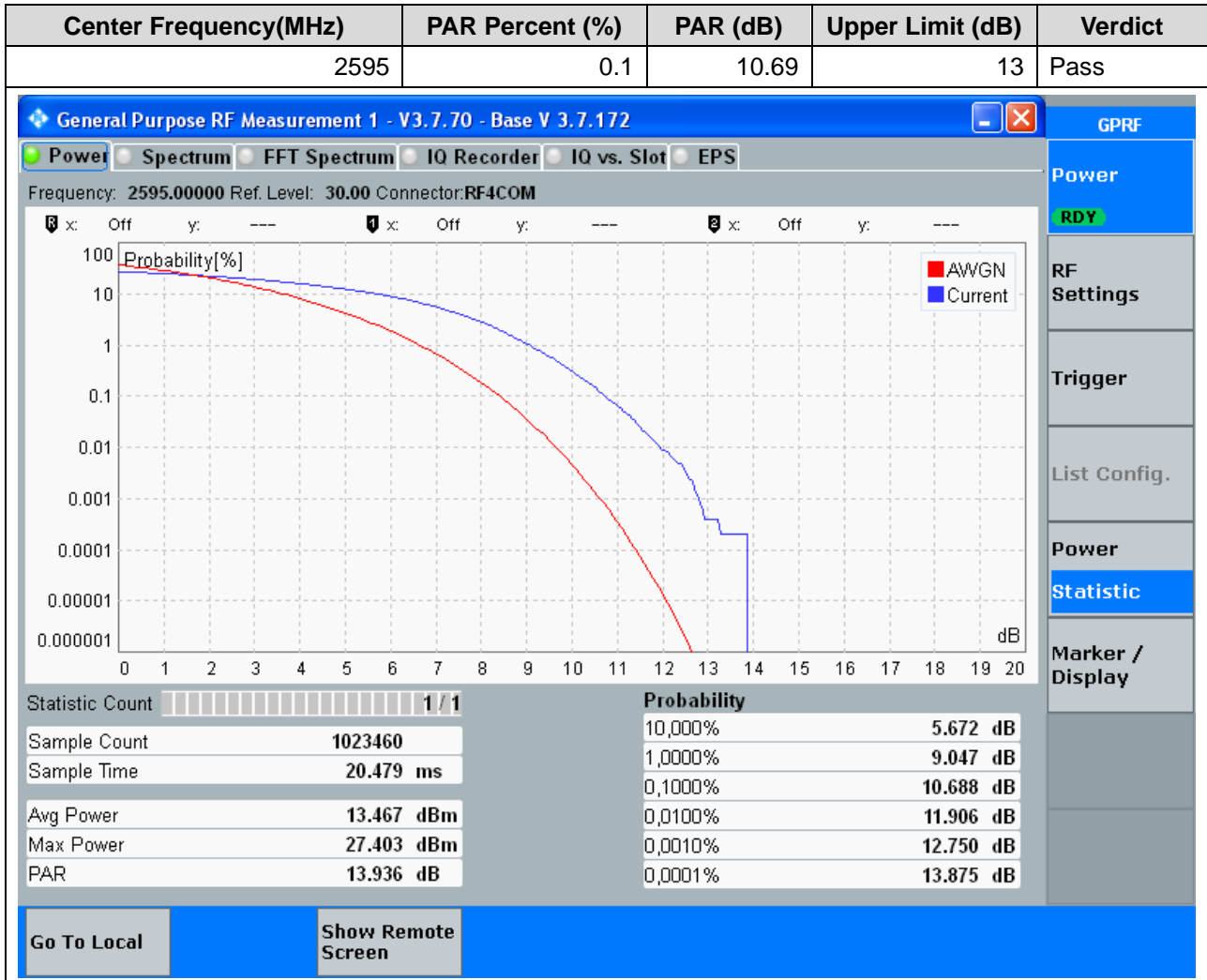
**5.2. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



5.3. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

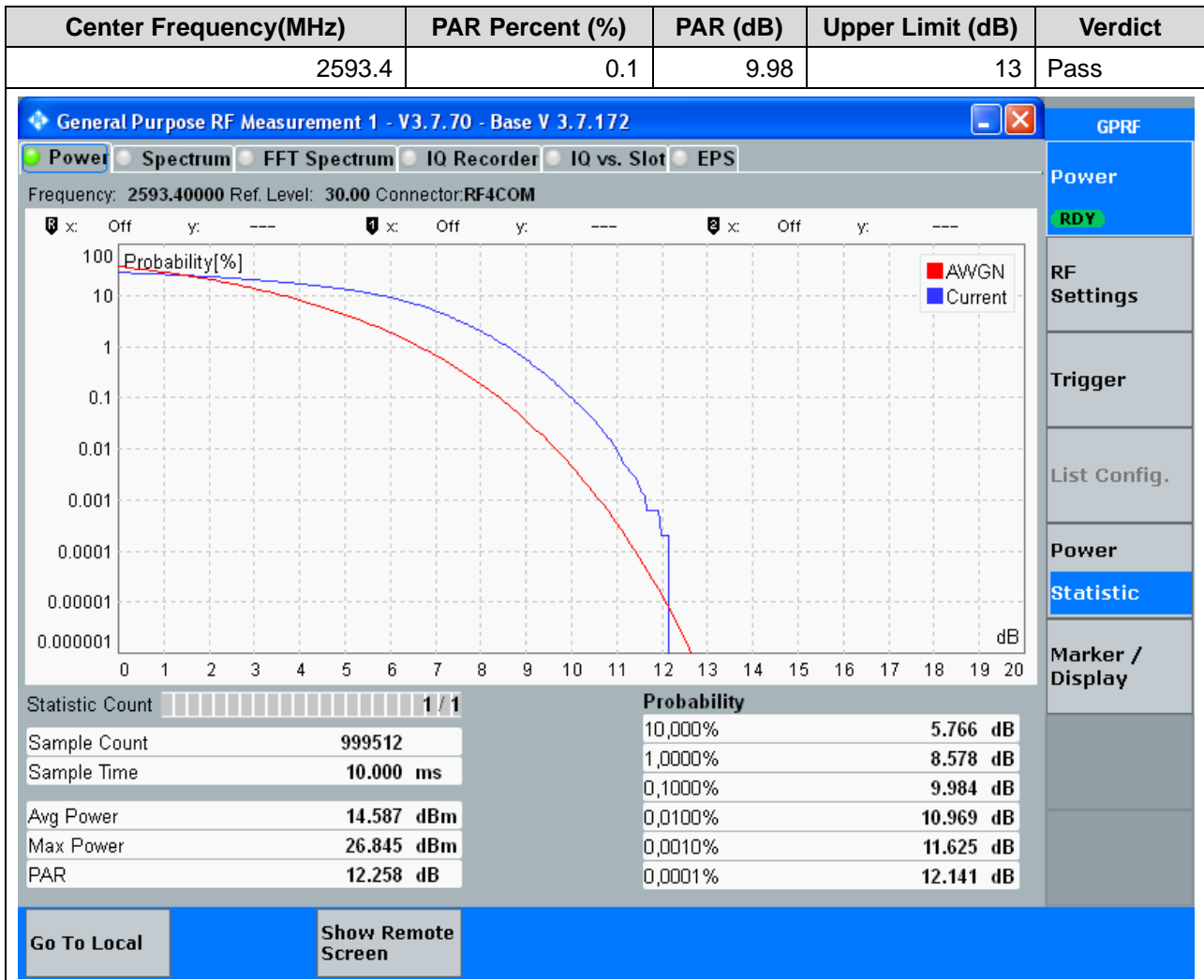


**5.4. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

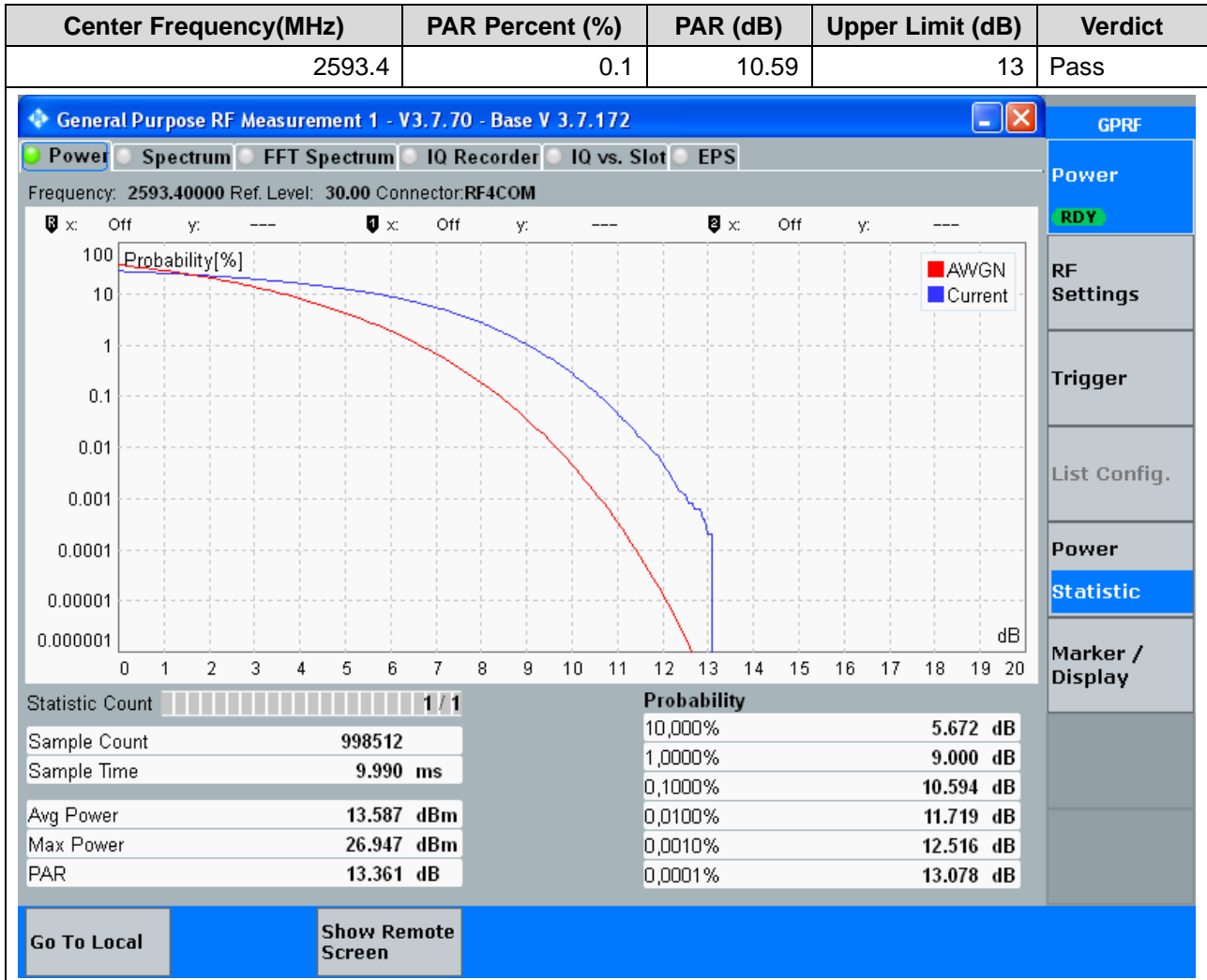


6. CA_41C_full

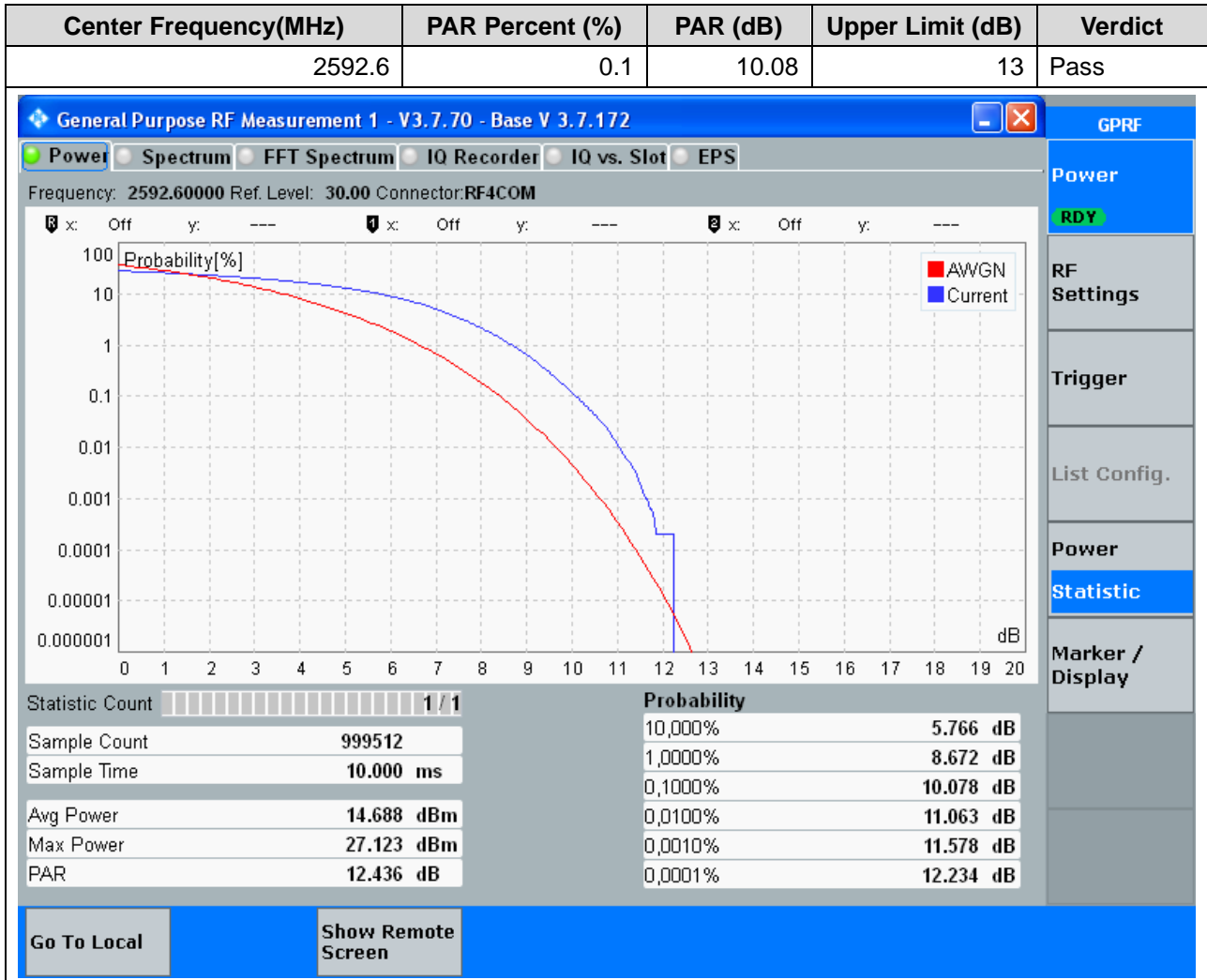
6.1. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:40528|40645, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



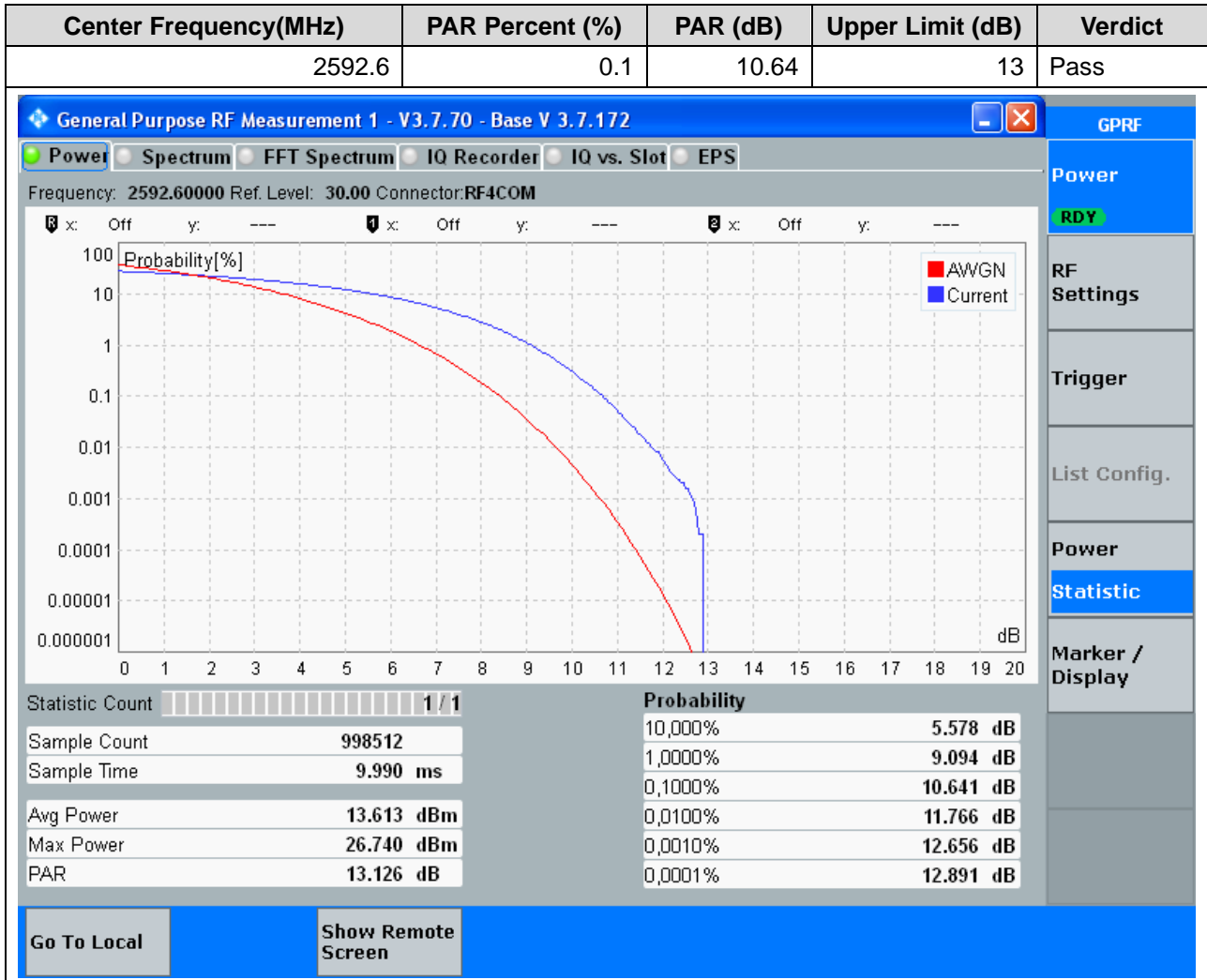
**6.2. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:40528|40645, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



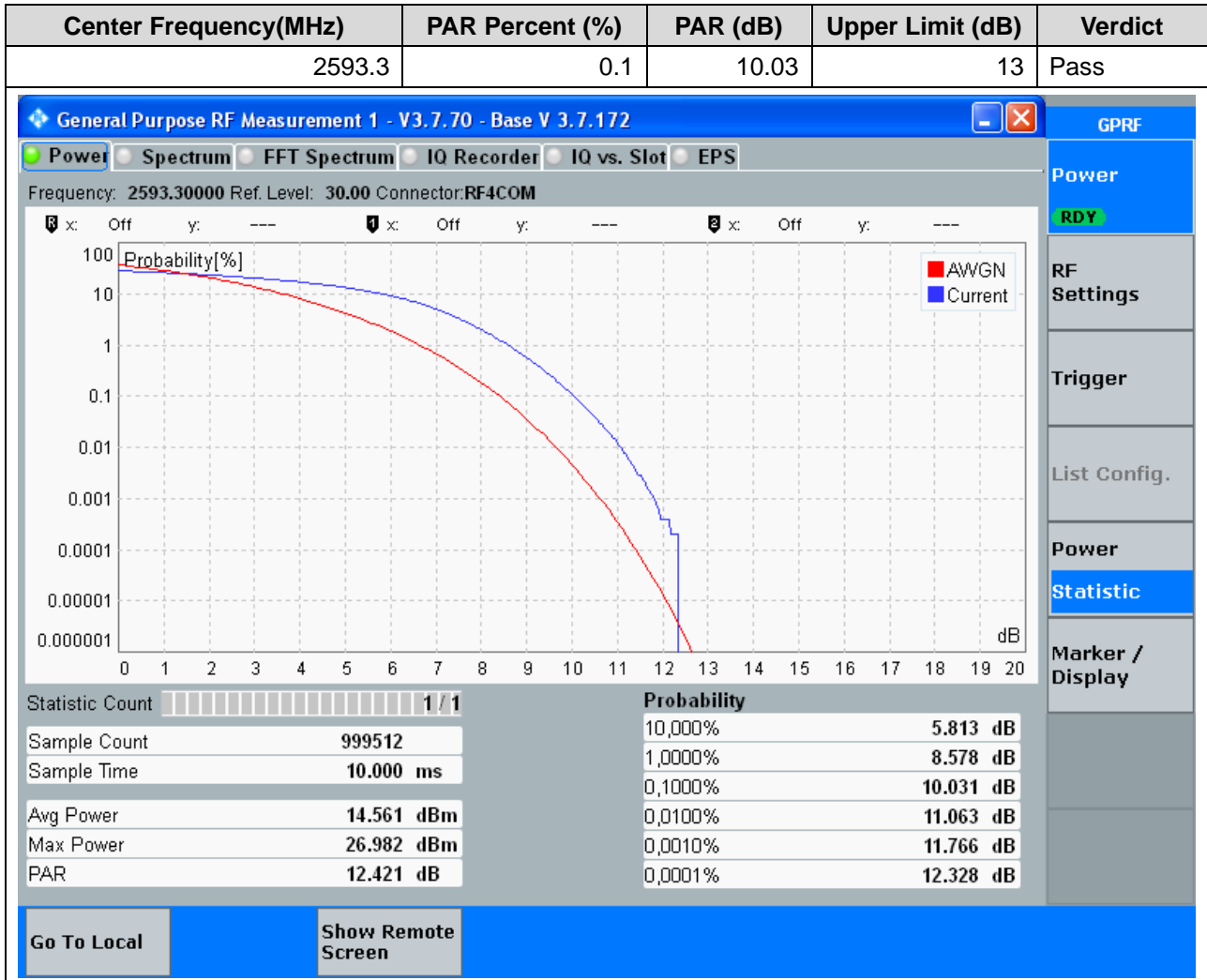
**6.3. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3,
Channel:40595|40712, Bandwidth:20|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



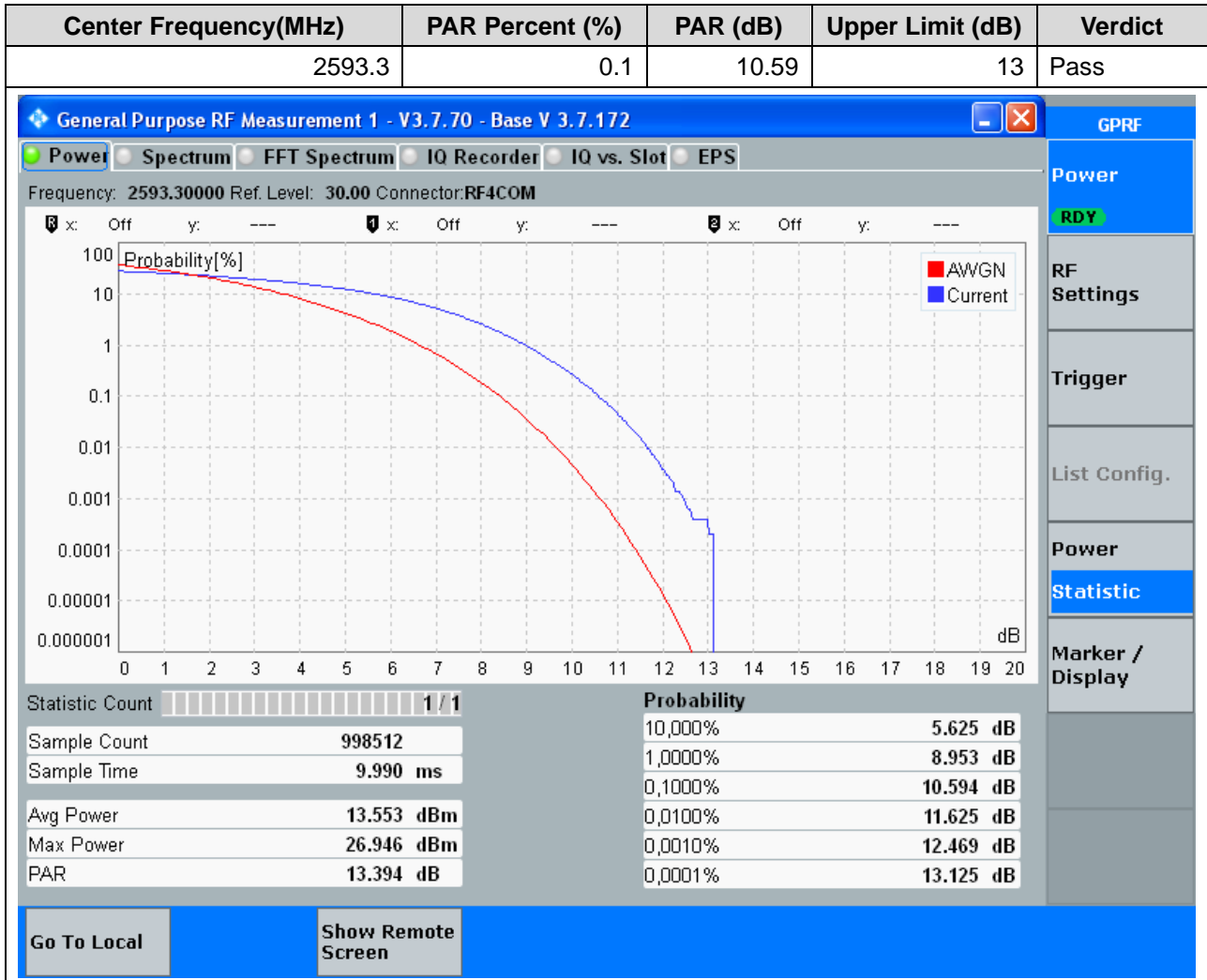
6.4. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:40595|40712, Bandwidth:20|5MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



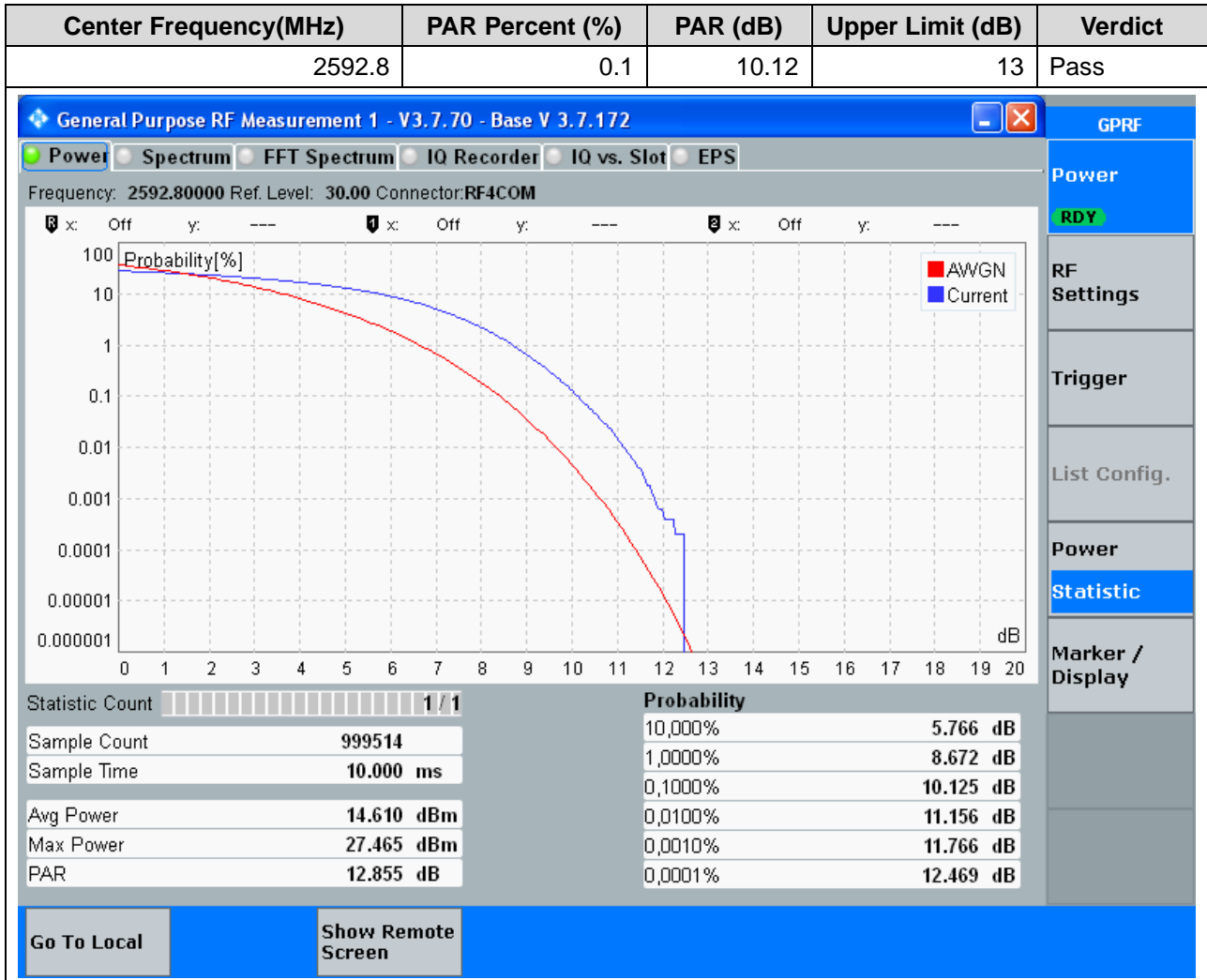
6.5. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:40526|40670, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



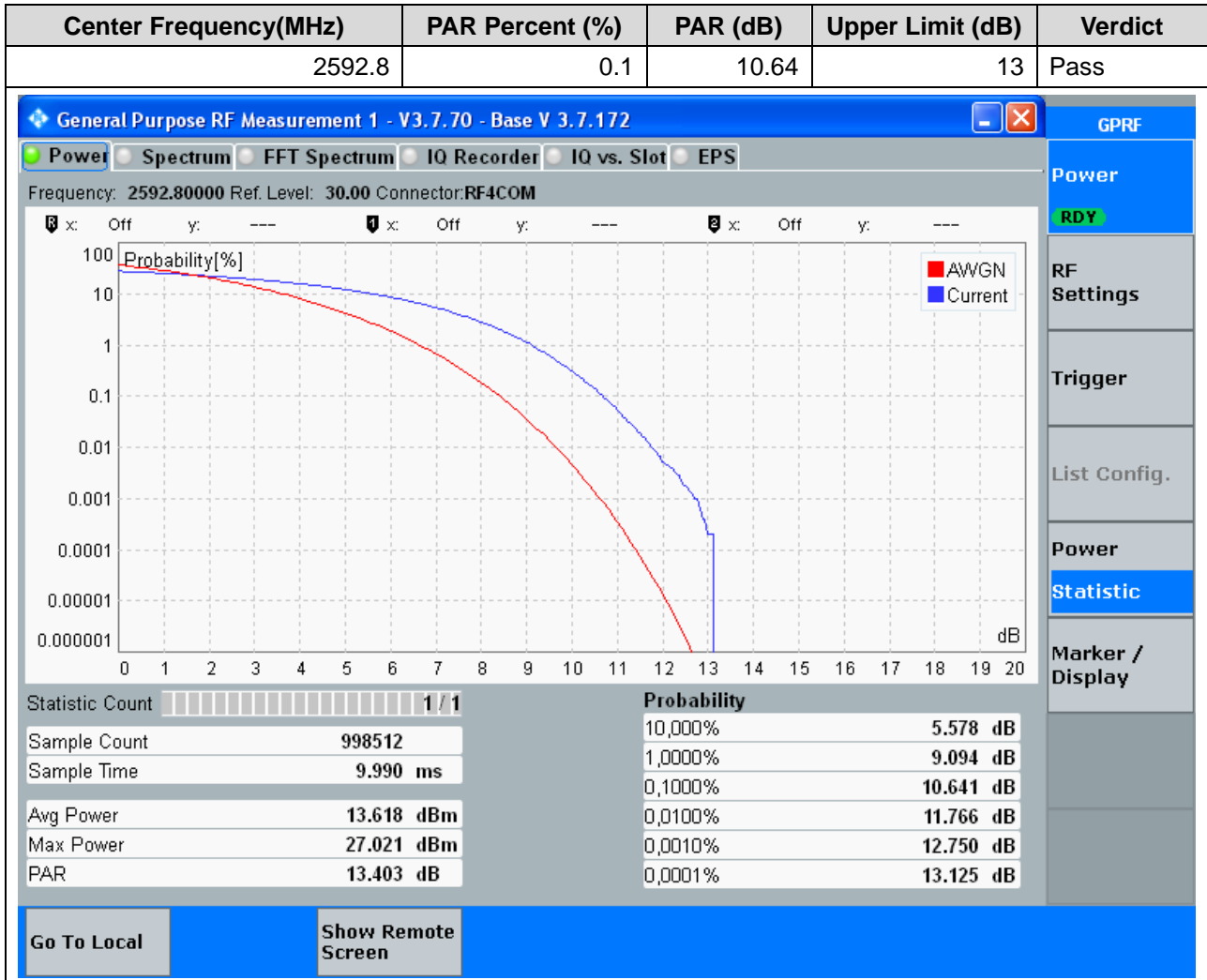
**6.6. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6,
Channel:40526|40670, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



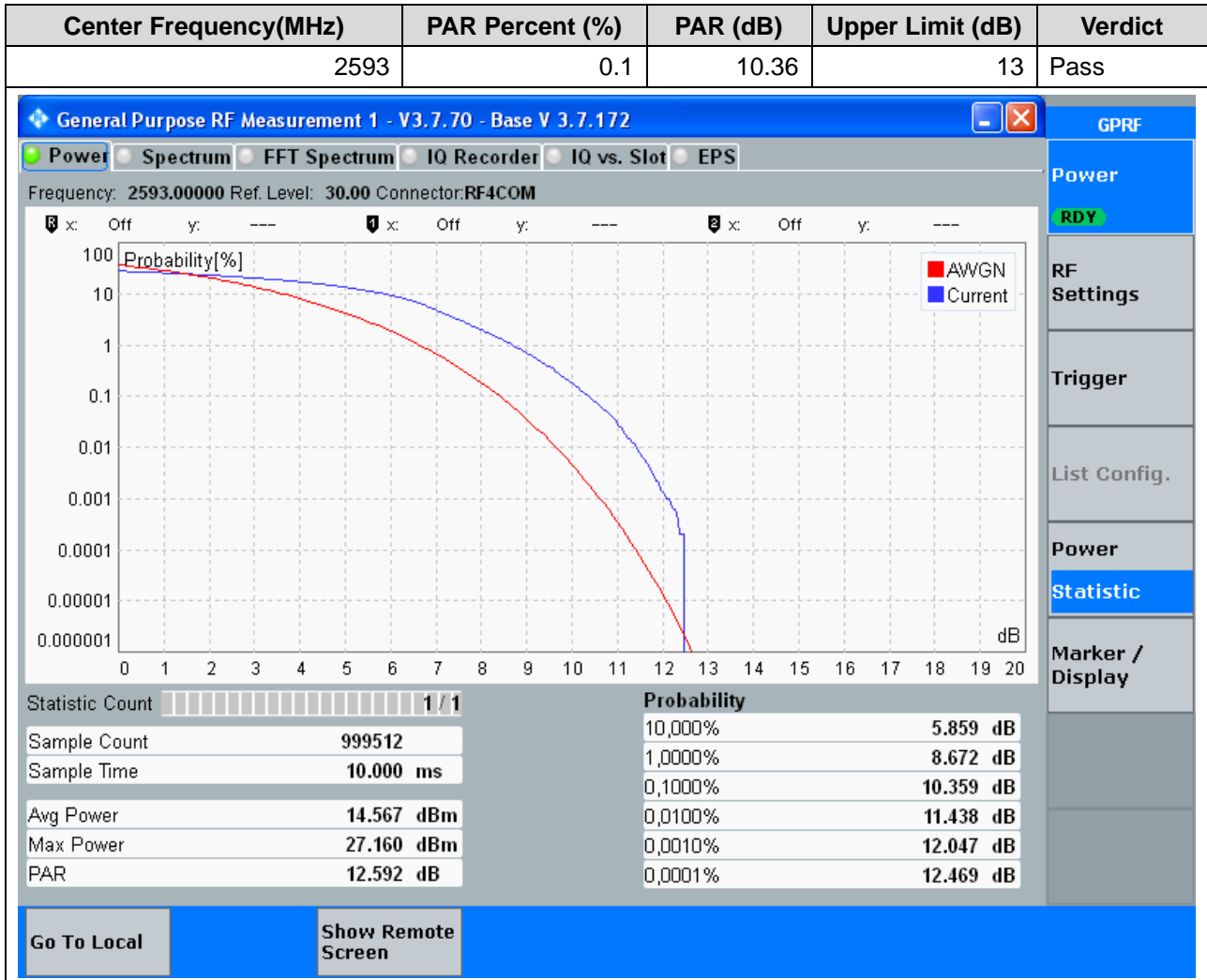
**6.7. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7,
Channel:40571|40715, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



**6.8. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8,
Channel:40571|40715, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**6.9. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9,
Channel:40545|40695, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



6.10. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:40545|40695, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593	0.1	10.73	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: 2593.00000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	1 / 1
Sample Count	998512
Sample Time	9.990 ms
Avg Power	13.573 dBm
Max Power	27.017 dBm
PAR	13.445 dB

Probability	
10,000%	5.625 dB
1,0000%	9.094 dB
0,1000%	10.734 dB
0,0100%	11.953 dB
0,0010%	12.750 dB
0,0001%	12.984 dB

Go To Local Show Remote Screen

6.11. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:40523|40694, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2593.1	0.1	10.12	13	Pass

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

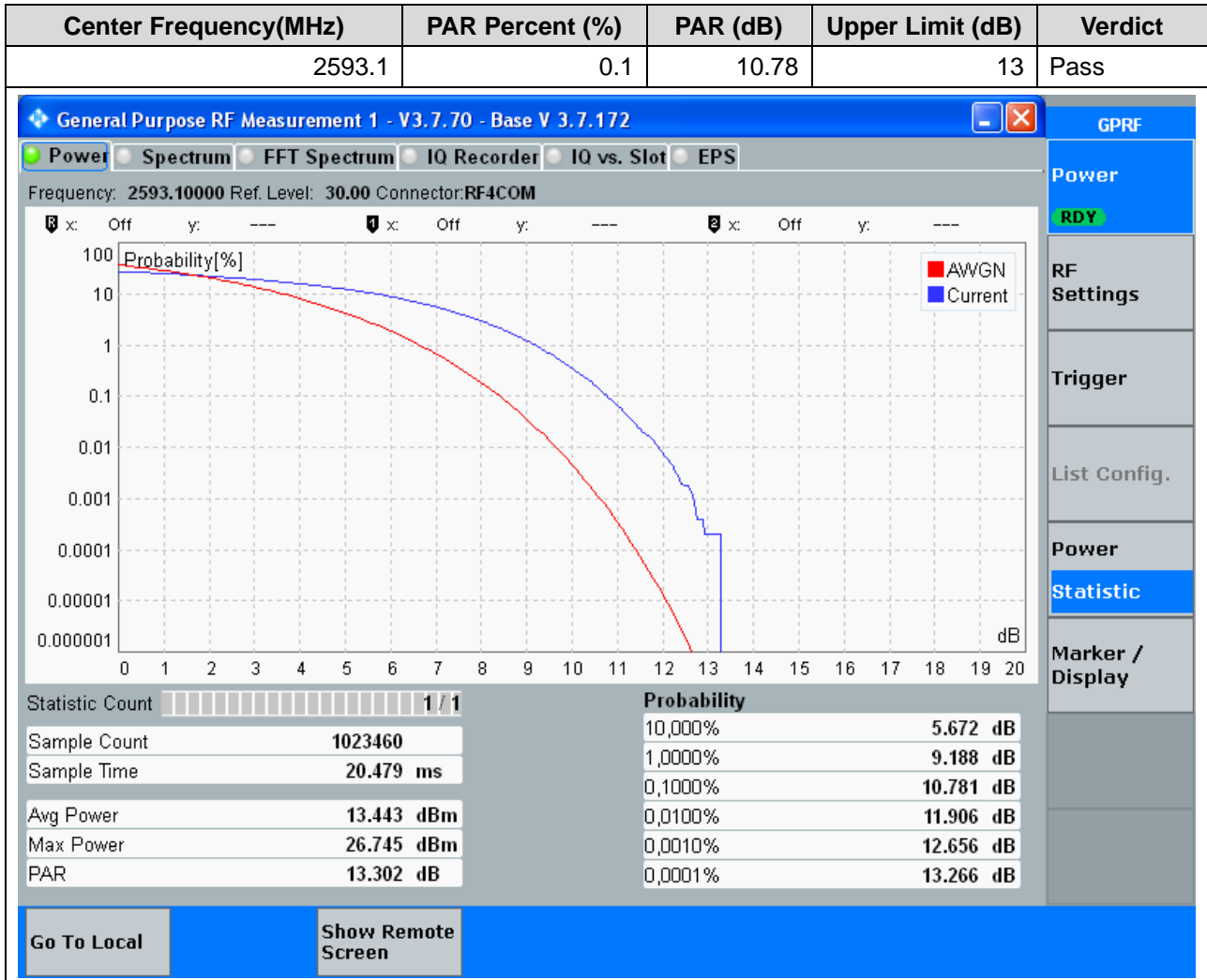
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2593.10000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	Value	Probability	Value (dB)
Sample Count	999513	10,000%	5.766 dB
Sample Time	20.000 ms	1,0000%	8.672 dB
Avg Power	14.573 dBm	0,1000%	10.125 dB
Max Power	27.002 dBm	0,0100%	11.109 dB
PAR	12.429 dB	0,0010%	11.953 dB
		0,0001%	12.375 dB

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6.12. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:40523|40694, Bandwidth:15|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



6.13. LTE-A Peak to Average Ratio_Part22-24-27(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	10.08	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

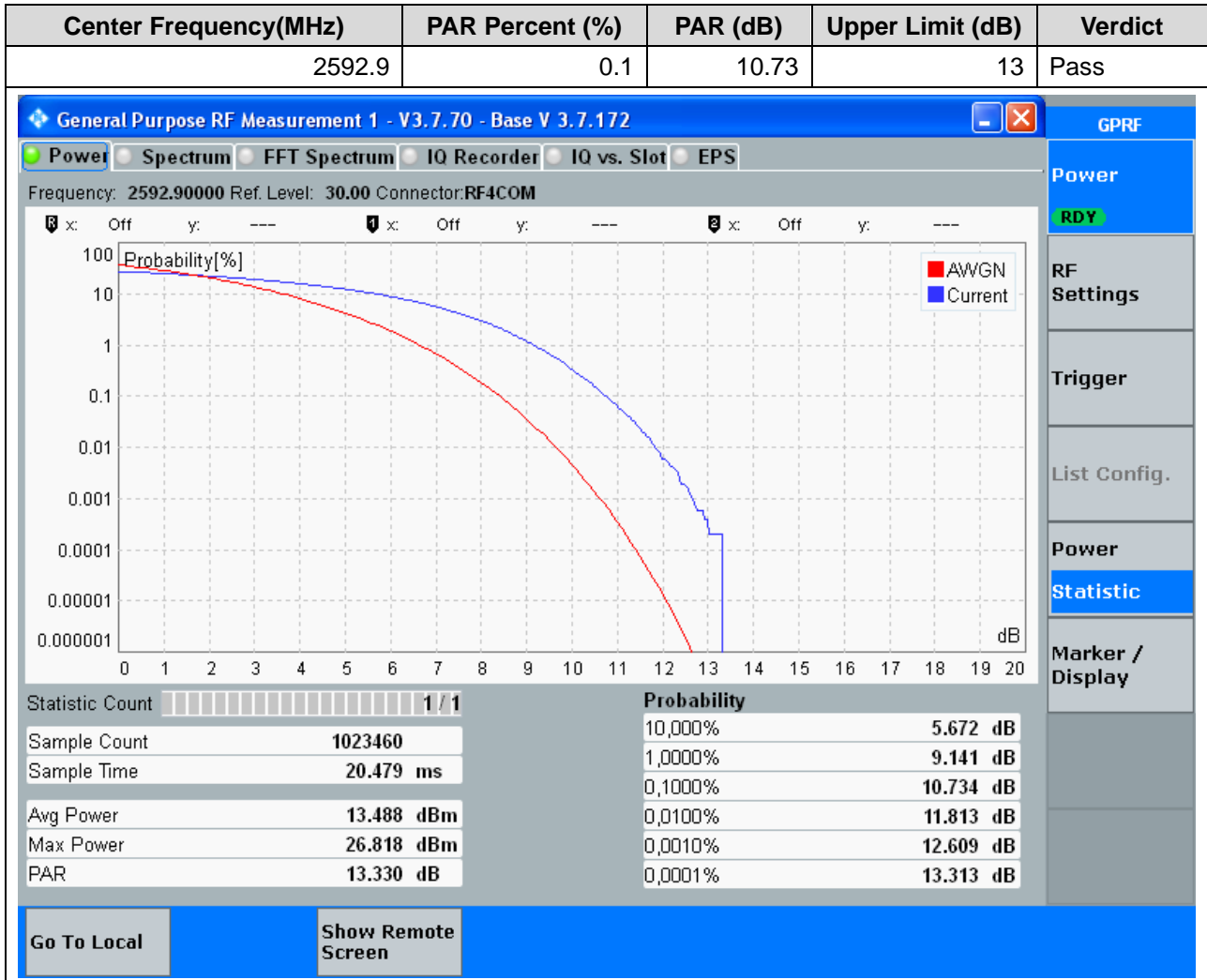
Frequency: 2592.90000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	1 / 1
Sample Count	999512
Sample Time	20.000 ms
Avg Power	14.601 dBm
Max Power	27.079 dBm
PAR	12.478 dB

Probability	
10,000%	5.766 dB
1,0000%	8.625 dB
0,1000%	10.078 dB
0,0100%	11.063 dB
0,0010%	11.906 dB
0,0001%	12.281 dB

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6.14. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:14, Channel:40546|40717, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



6.15. LTE-A Peak to Average Ratio_Part22-24-27(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	10.22	13	Pass

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

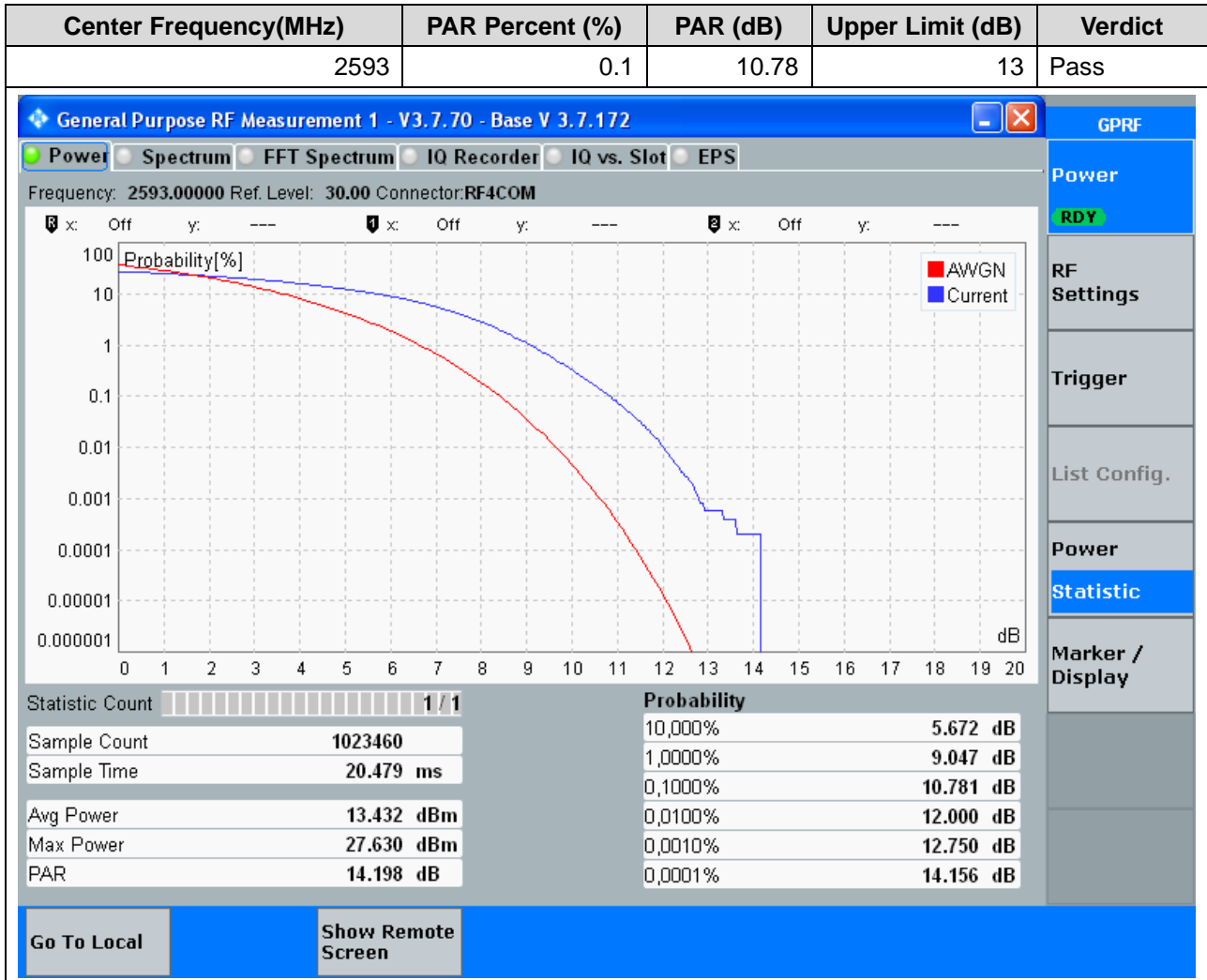
Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 2593.00000 Ref. Level: 30.00 Connector:RF4COM

Statistic Count	Value	Probability	Value (dB)
Sample Count	999513	10,000%	5.859 dB
Sample Time	20.000 ms	1,0000%	8.578 dB
Avg Power	14.556 dBm	0,1000%	10.219 dB
Max Power	27.450 dBm	0,0100%	11.344 dB
PAR	12.894 dB	0,0010%	12.047 dB
		0,0001%	12.844 dB

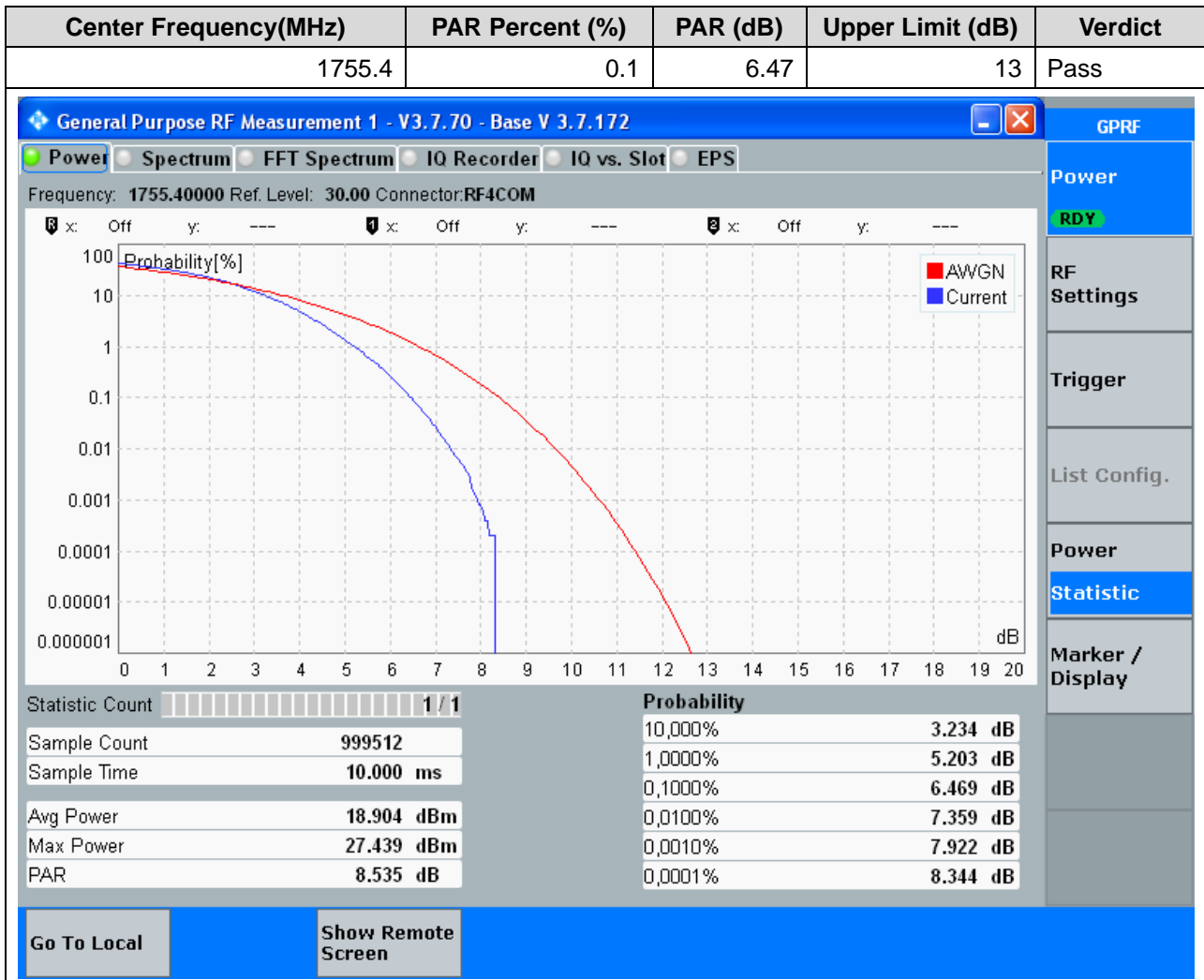
Go To Local Show Remote Screen

6.16. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:16, Channel:40521|40719, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

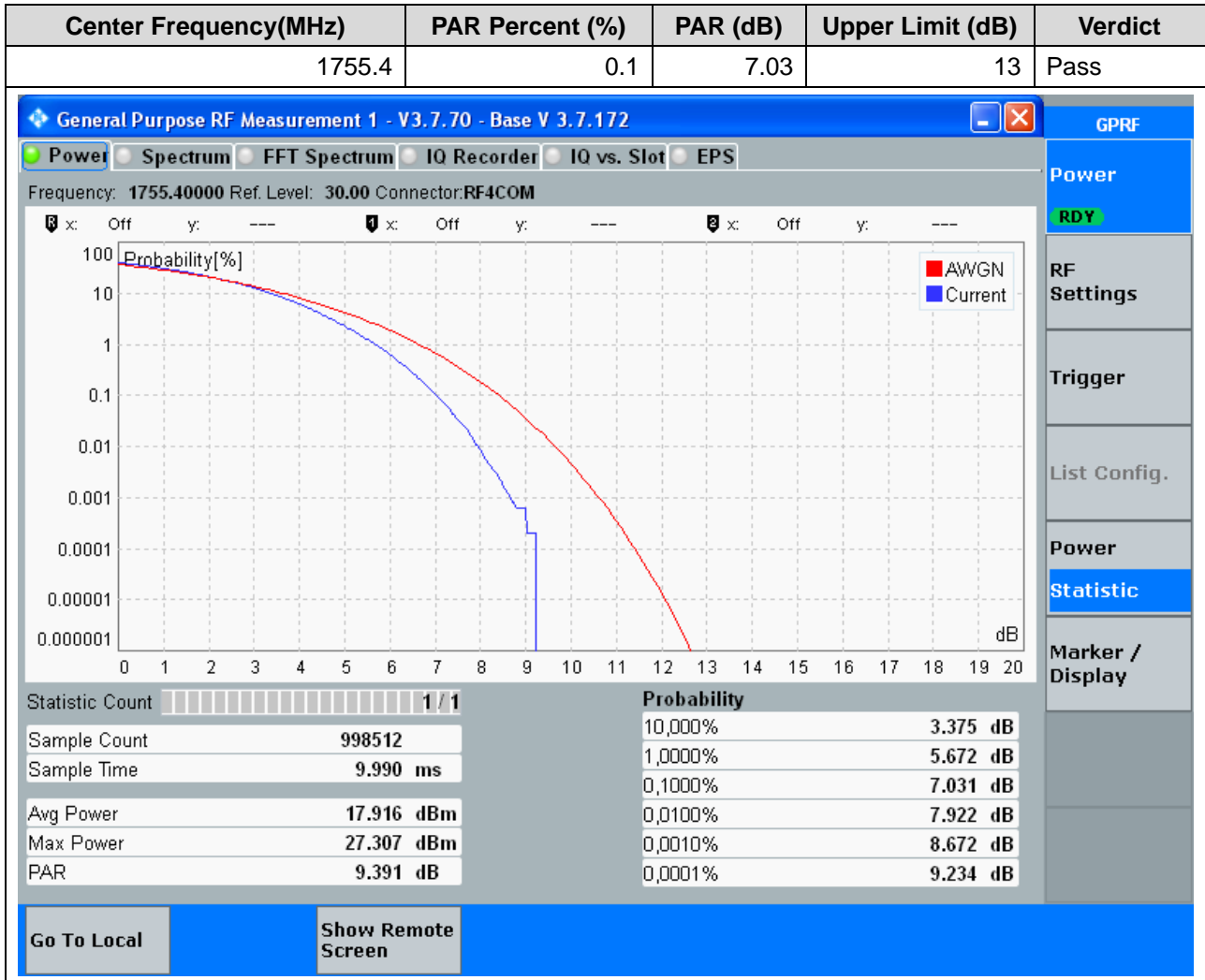


4. CA_66C

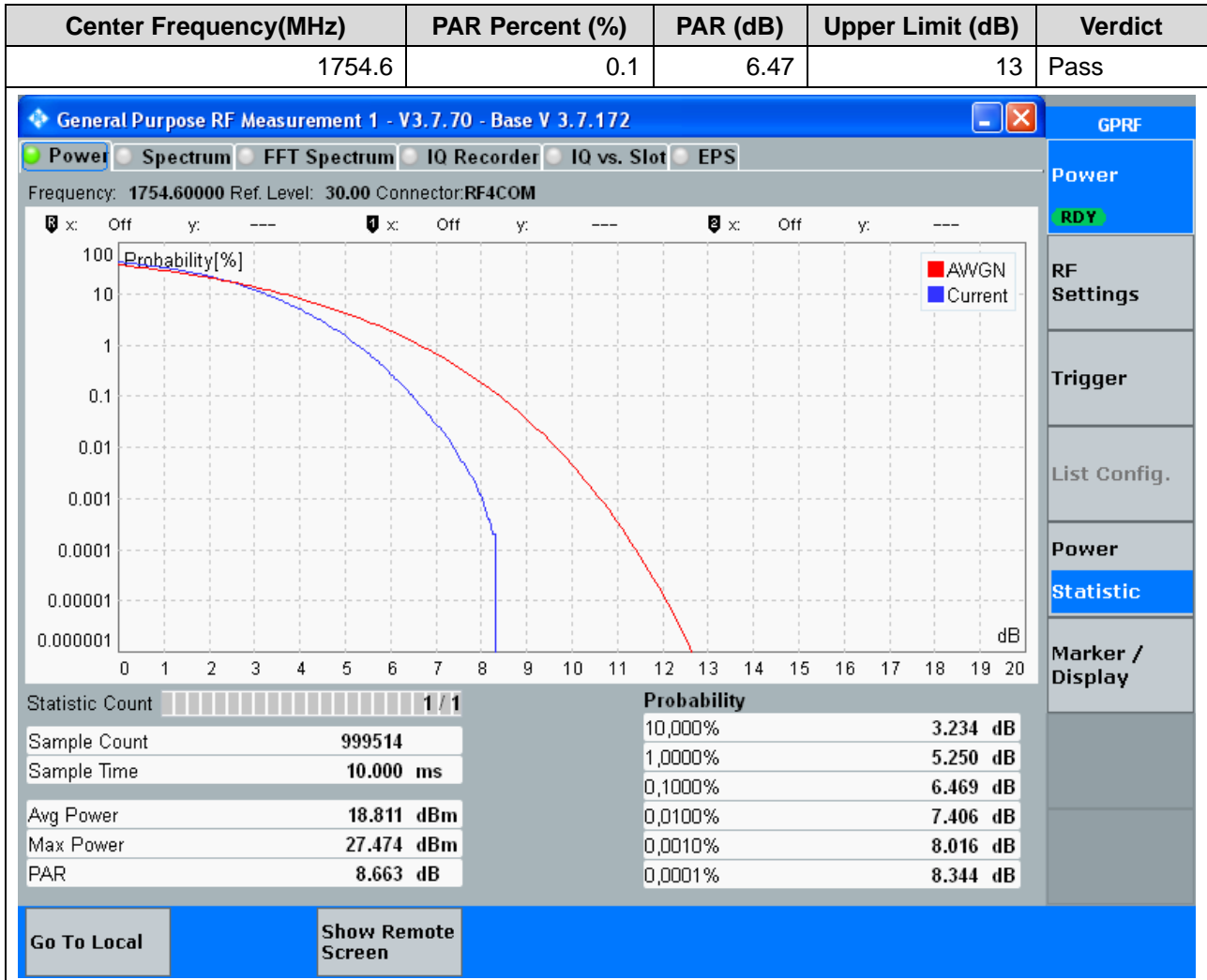
4.2. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1,
Channel:132330|132447, Bandwidth:5|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



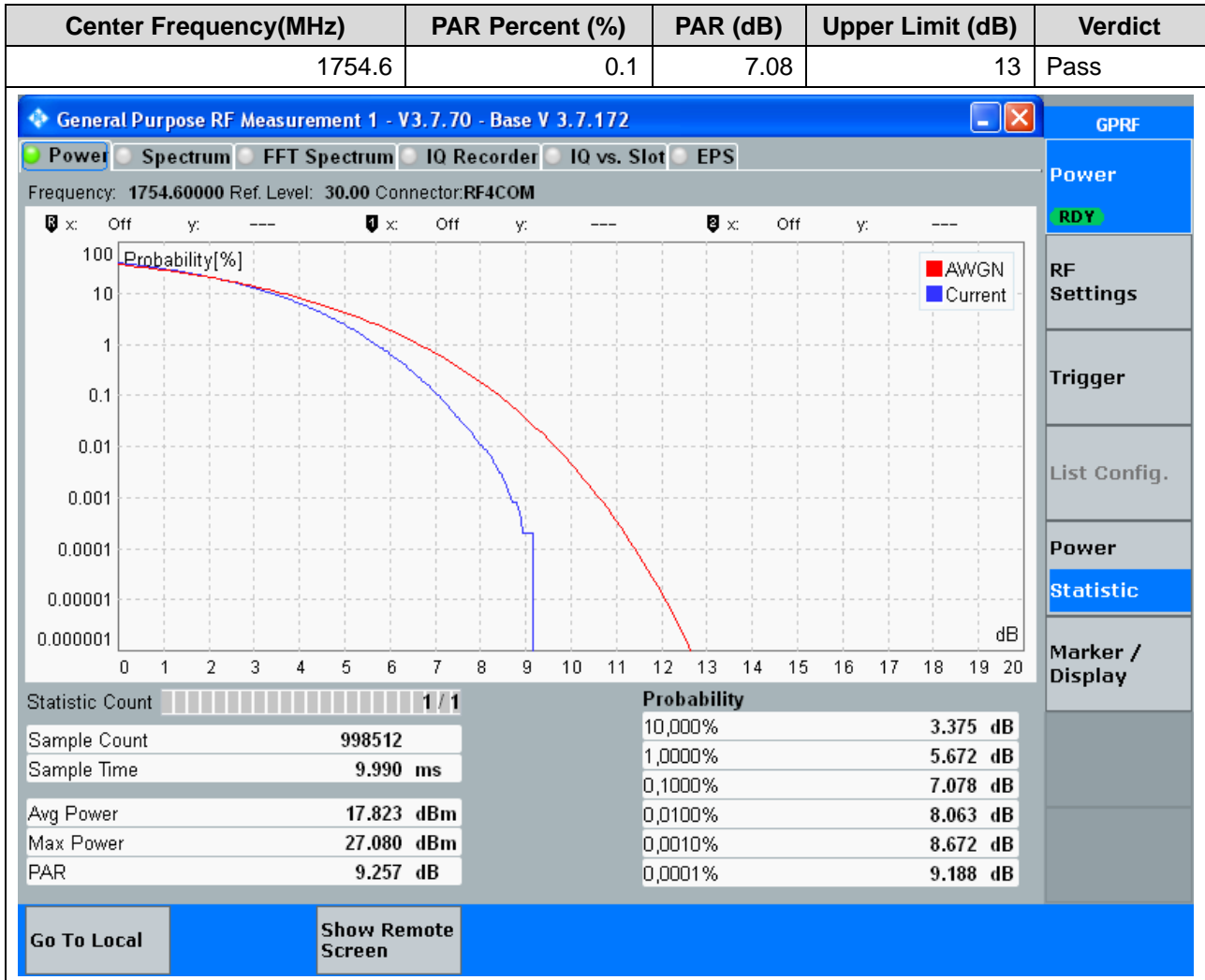
**4.3. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:132330|132447, Bandwidth:5|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



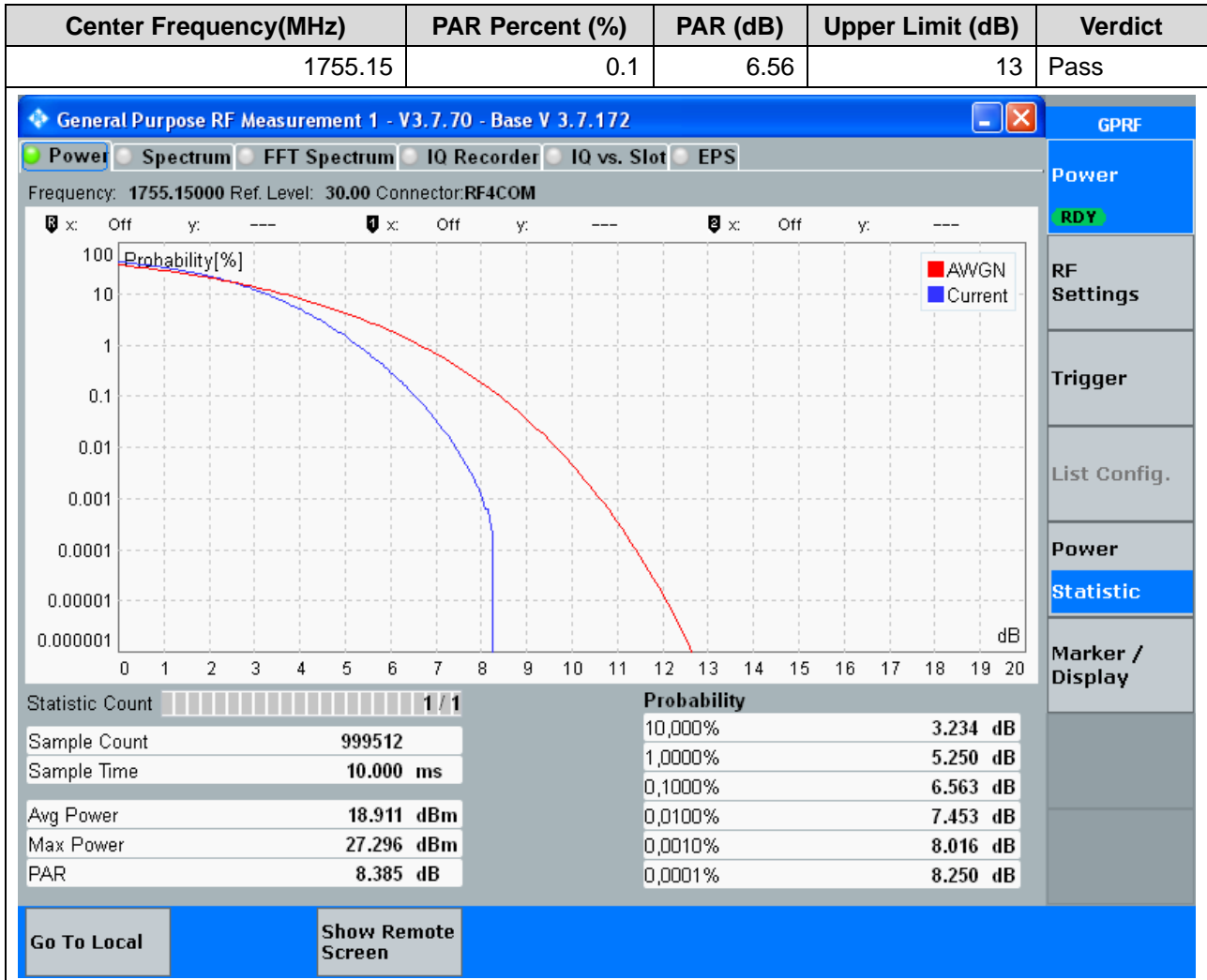
**4.4. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3,
Channel:132397|132514, Bandwidth:20|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



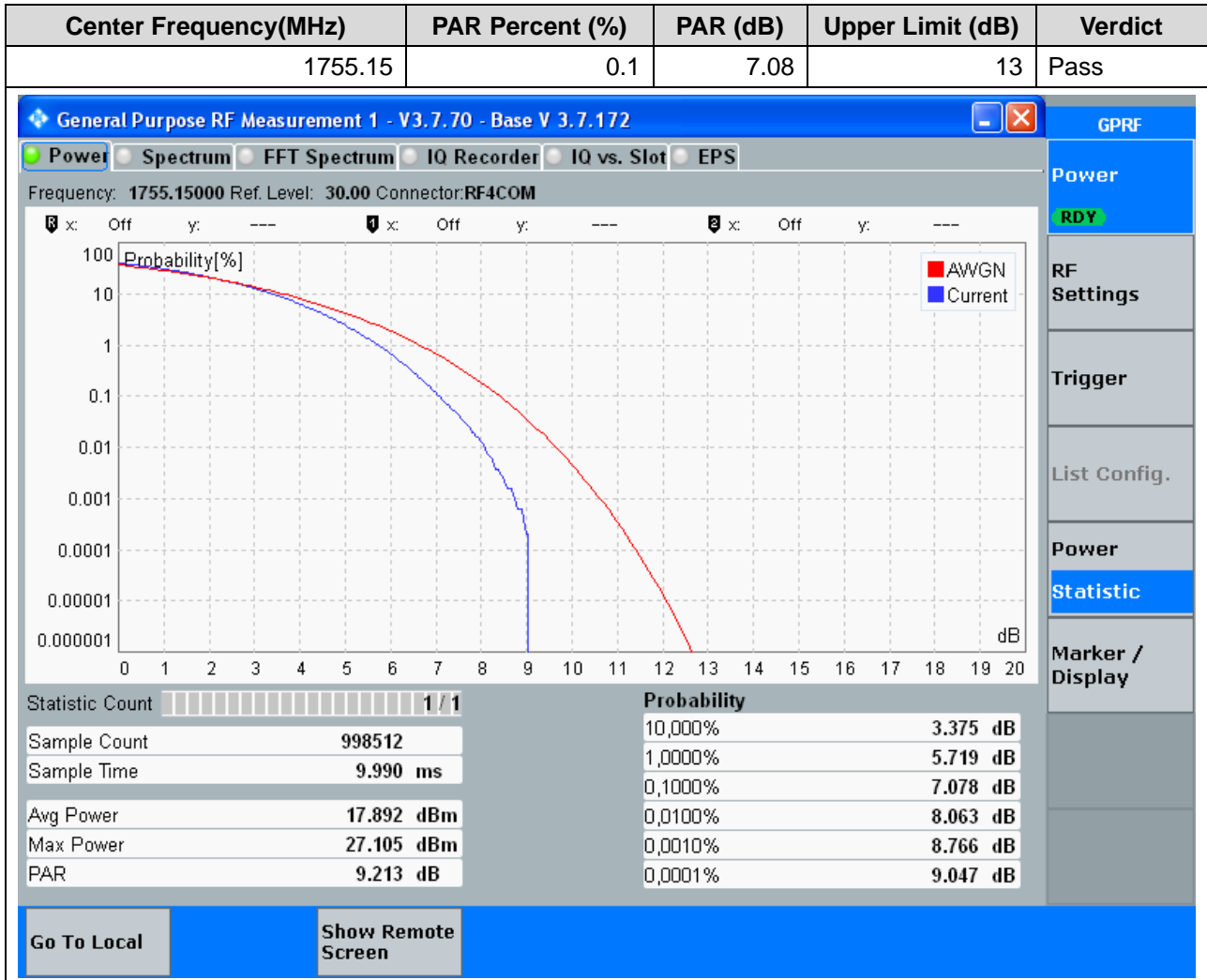
**4.5. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:132397|132514, Bandwidth:20|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



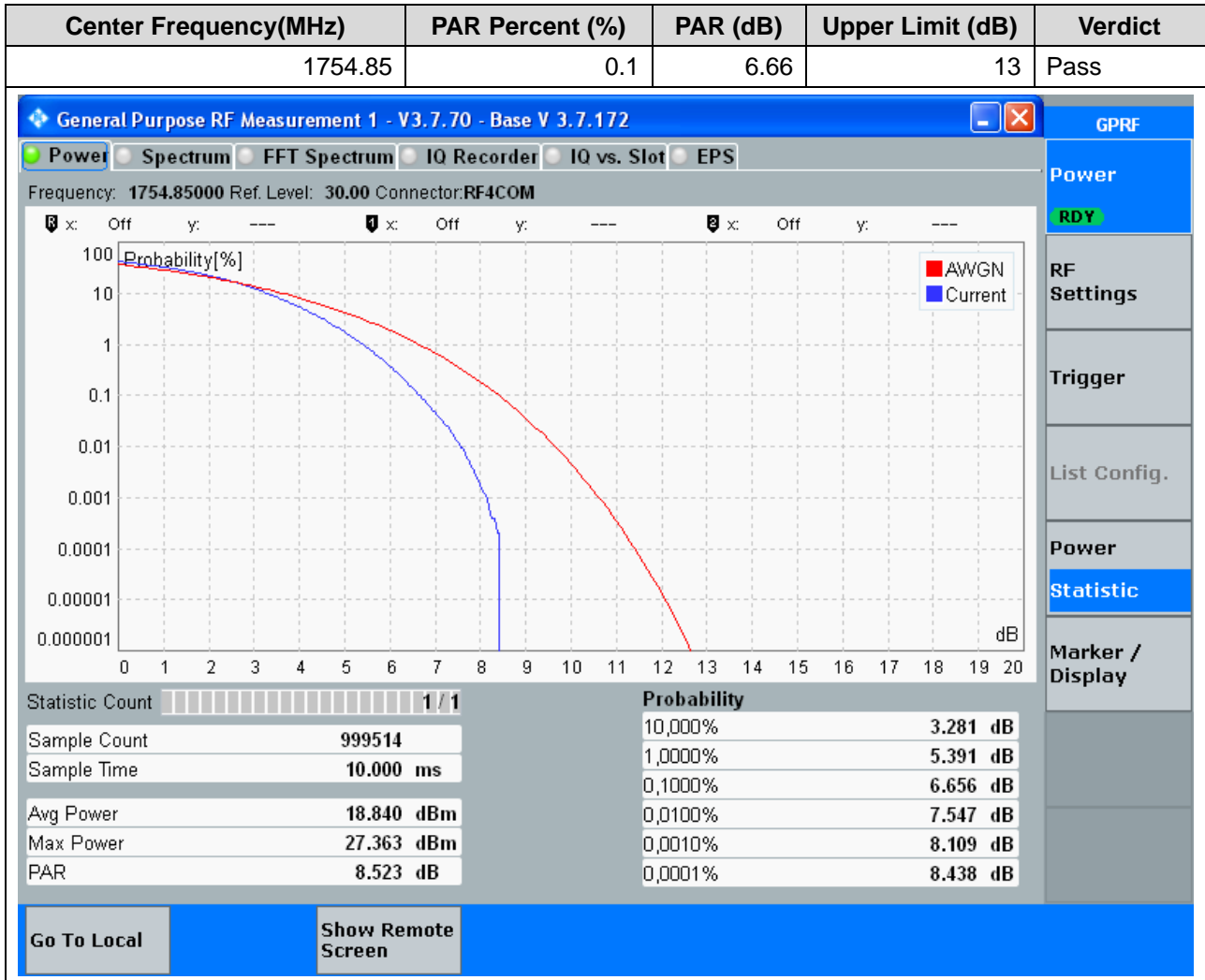
4.6. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:132351|132471, Bandwidth:10|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



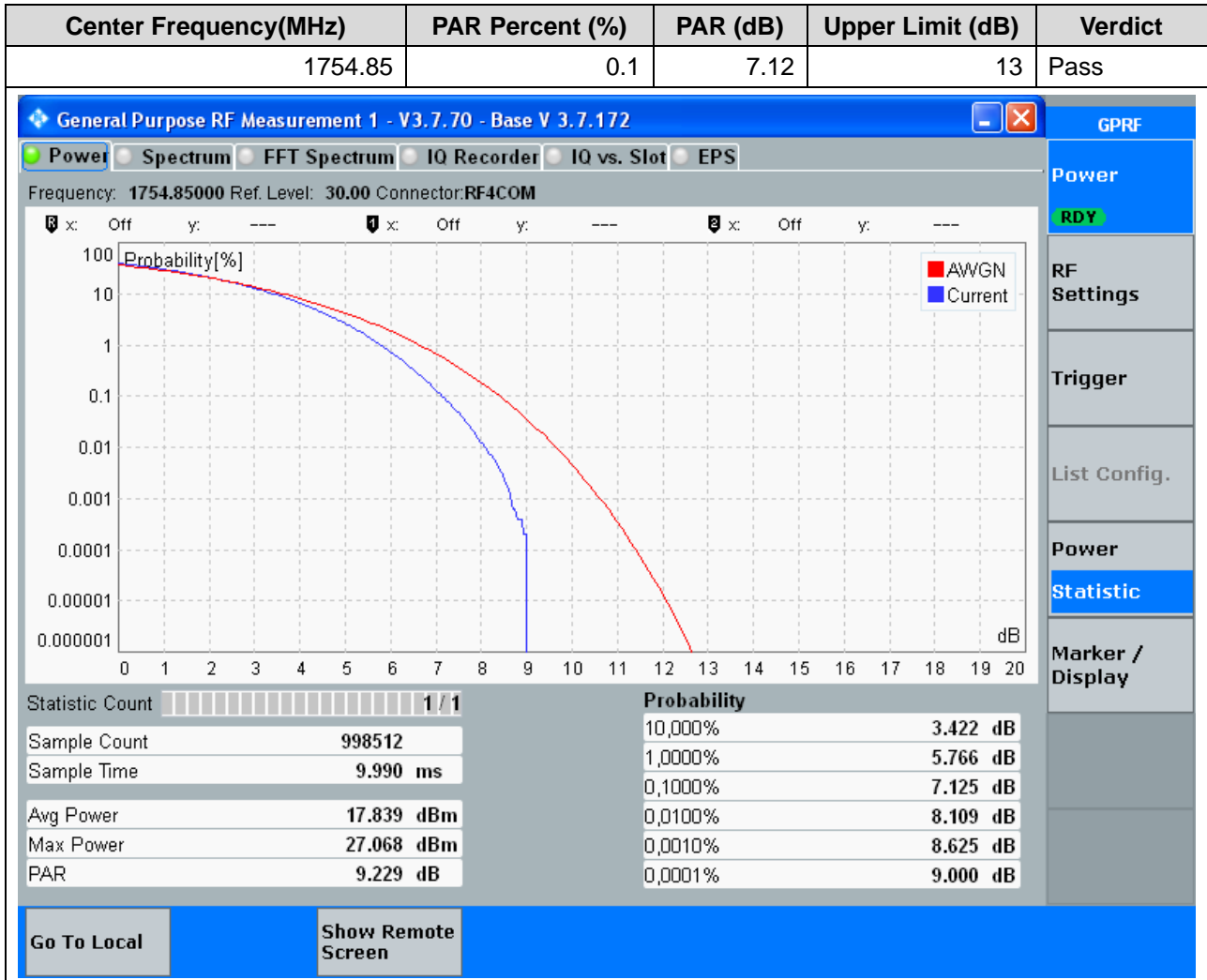
**4.7. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6,
Channel:132351|132471, Bandwidth:10|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



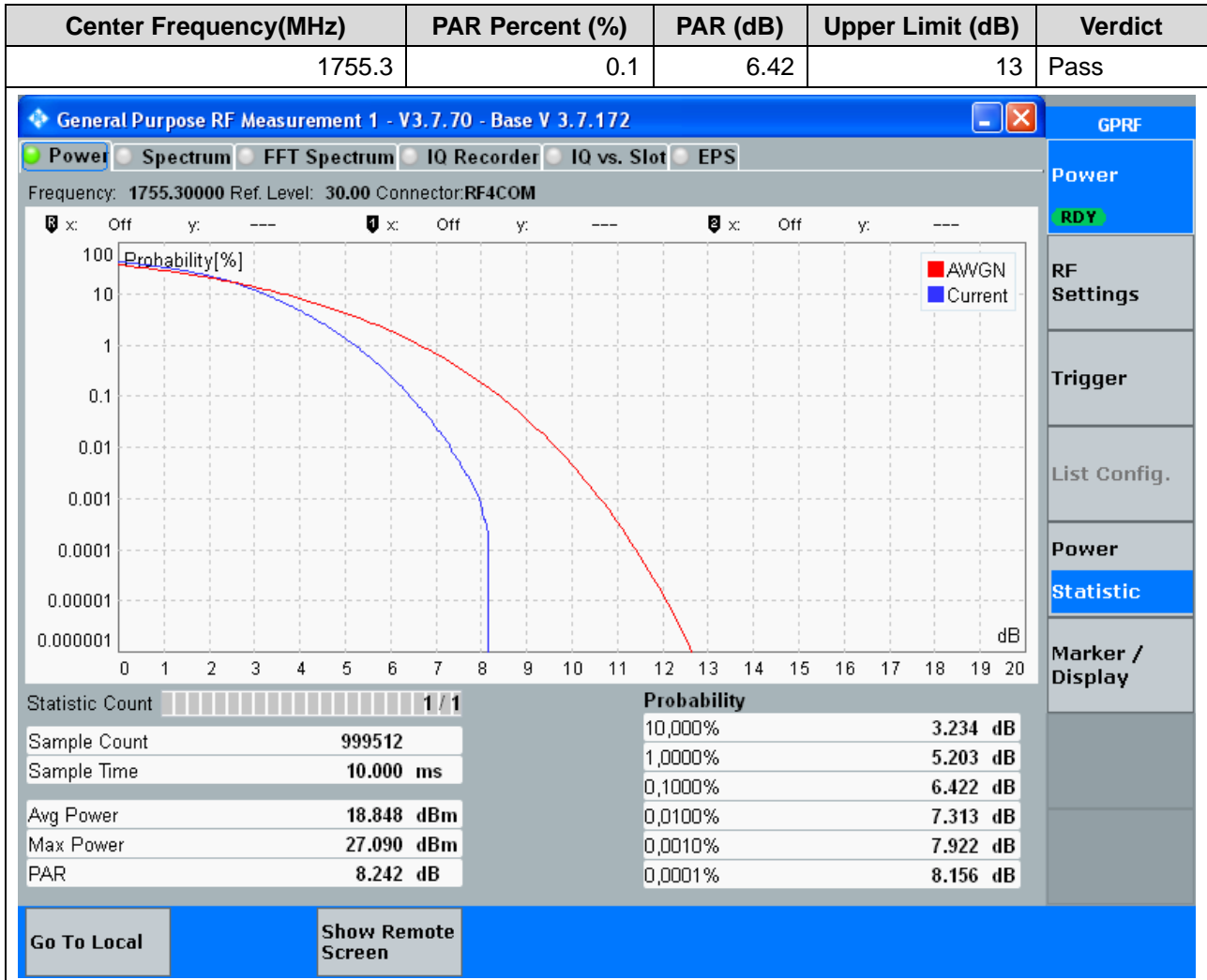
**4.8. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7,
Channel:132373|132493, Bandwidth:15|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



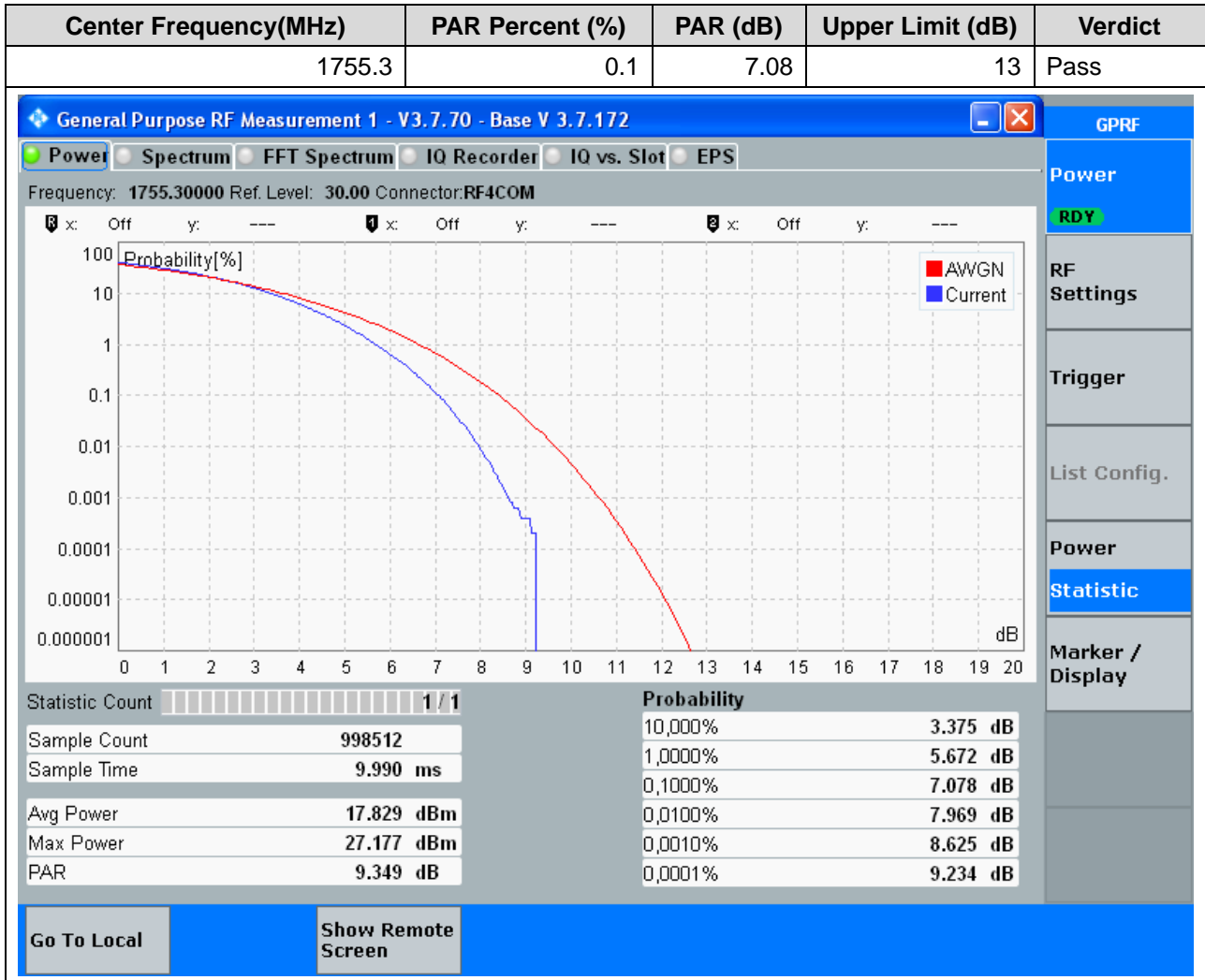
**4.9. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8,
Channel:132373|132493, Bandwidth:15|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



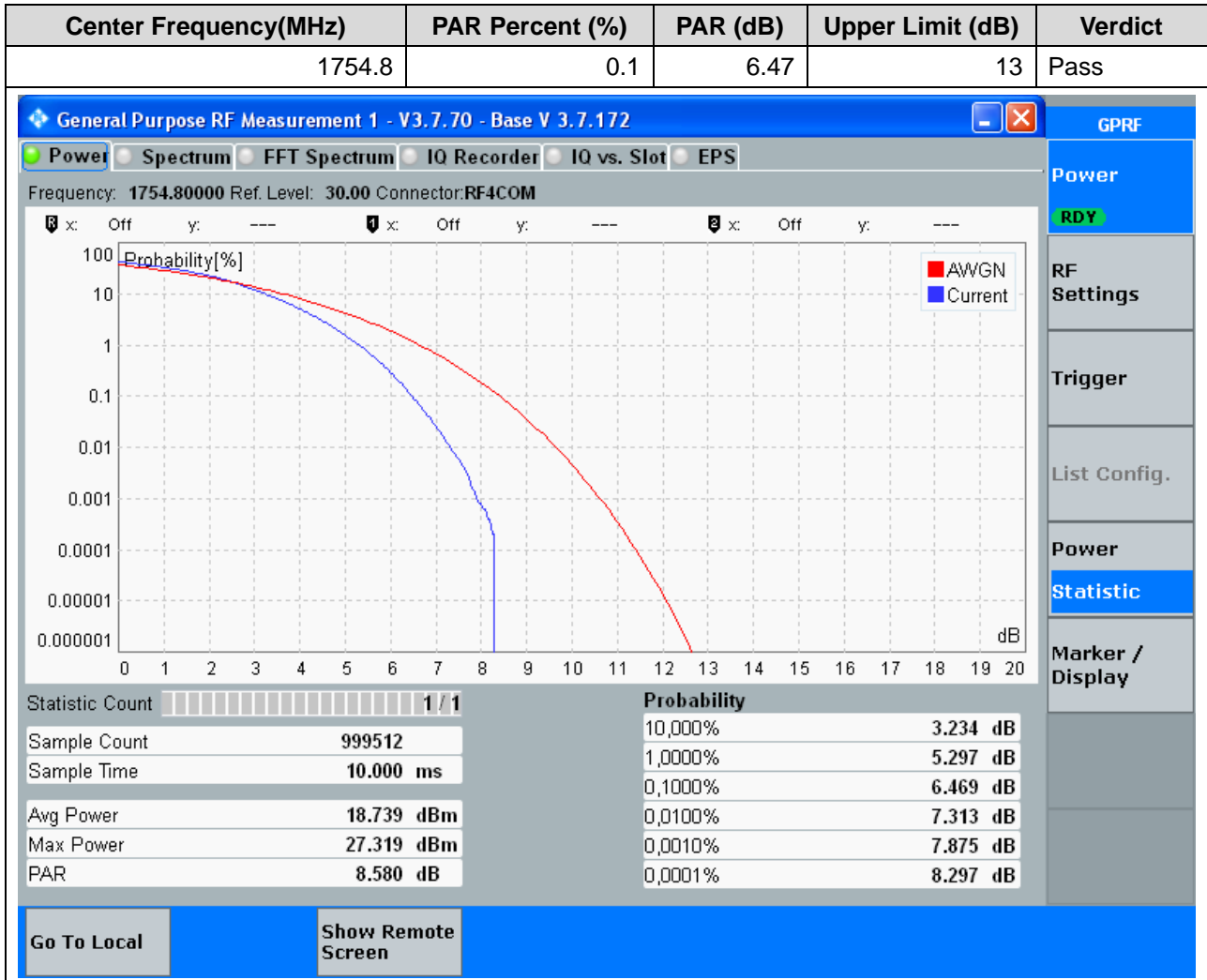
4.10. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:132328|132472, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



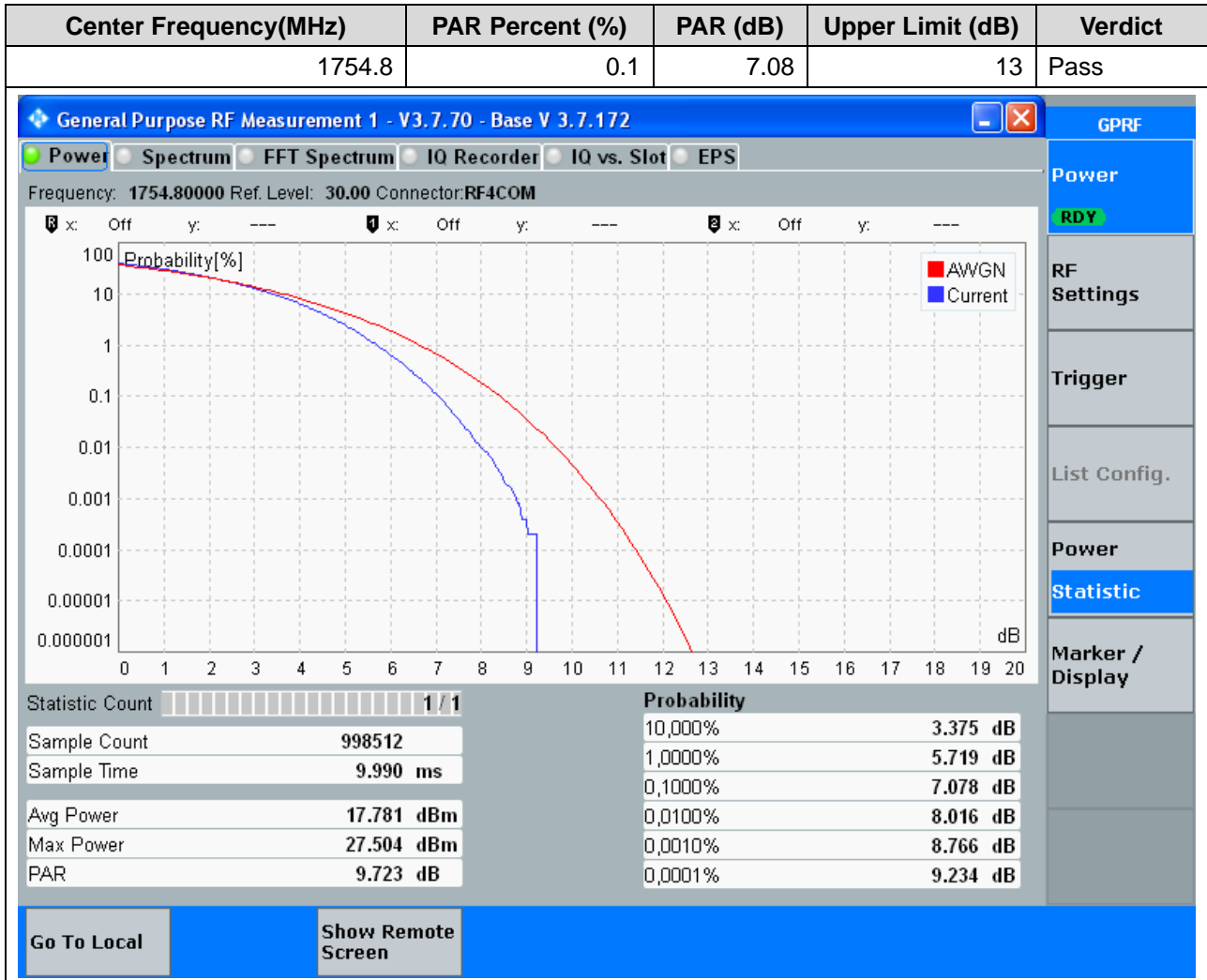
4.11. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:132328|132472, Bandwidth:10|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



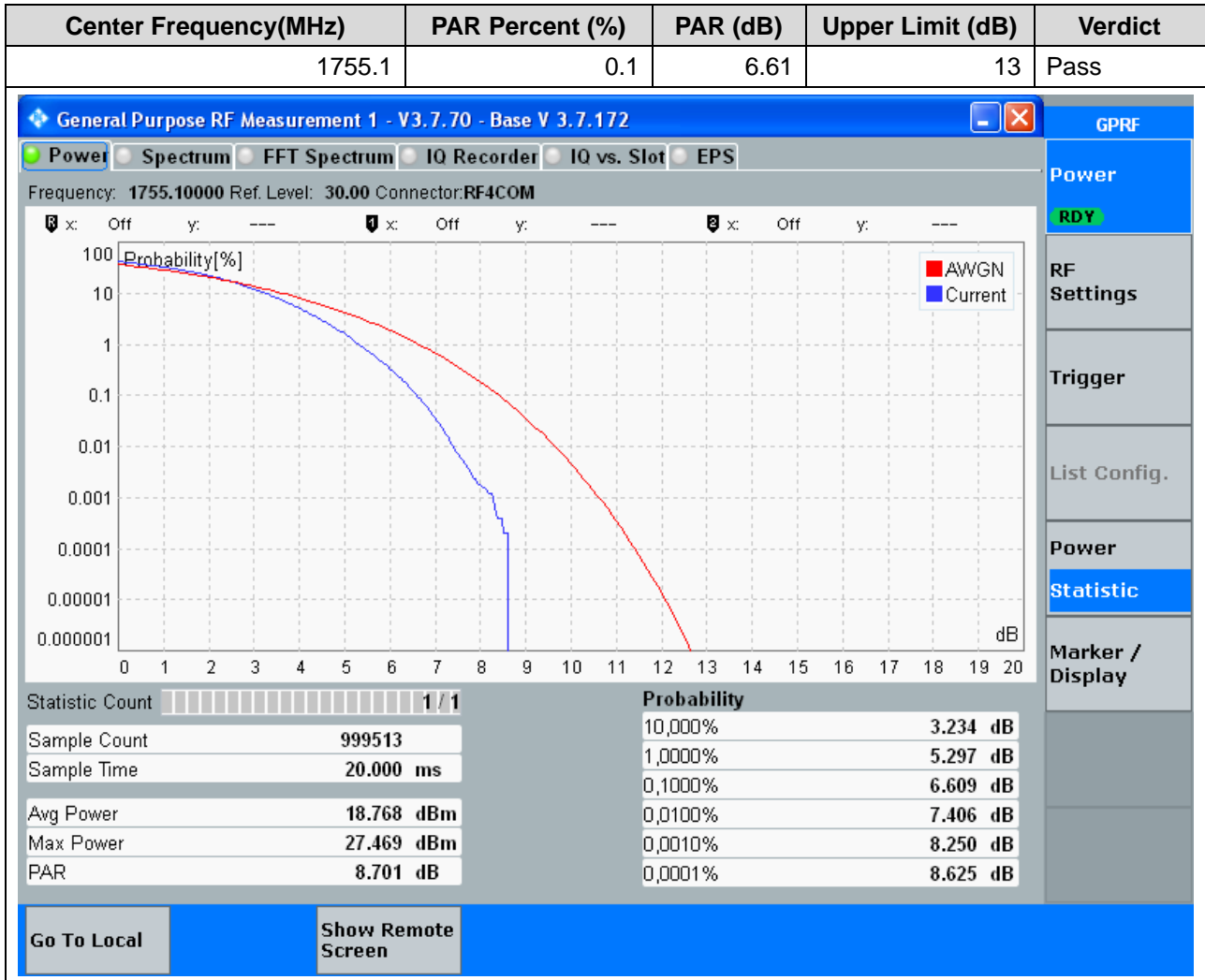
4.12. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:132373|132517, Bandwidth:20|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



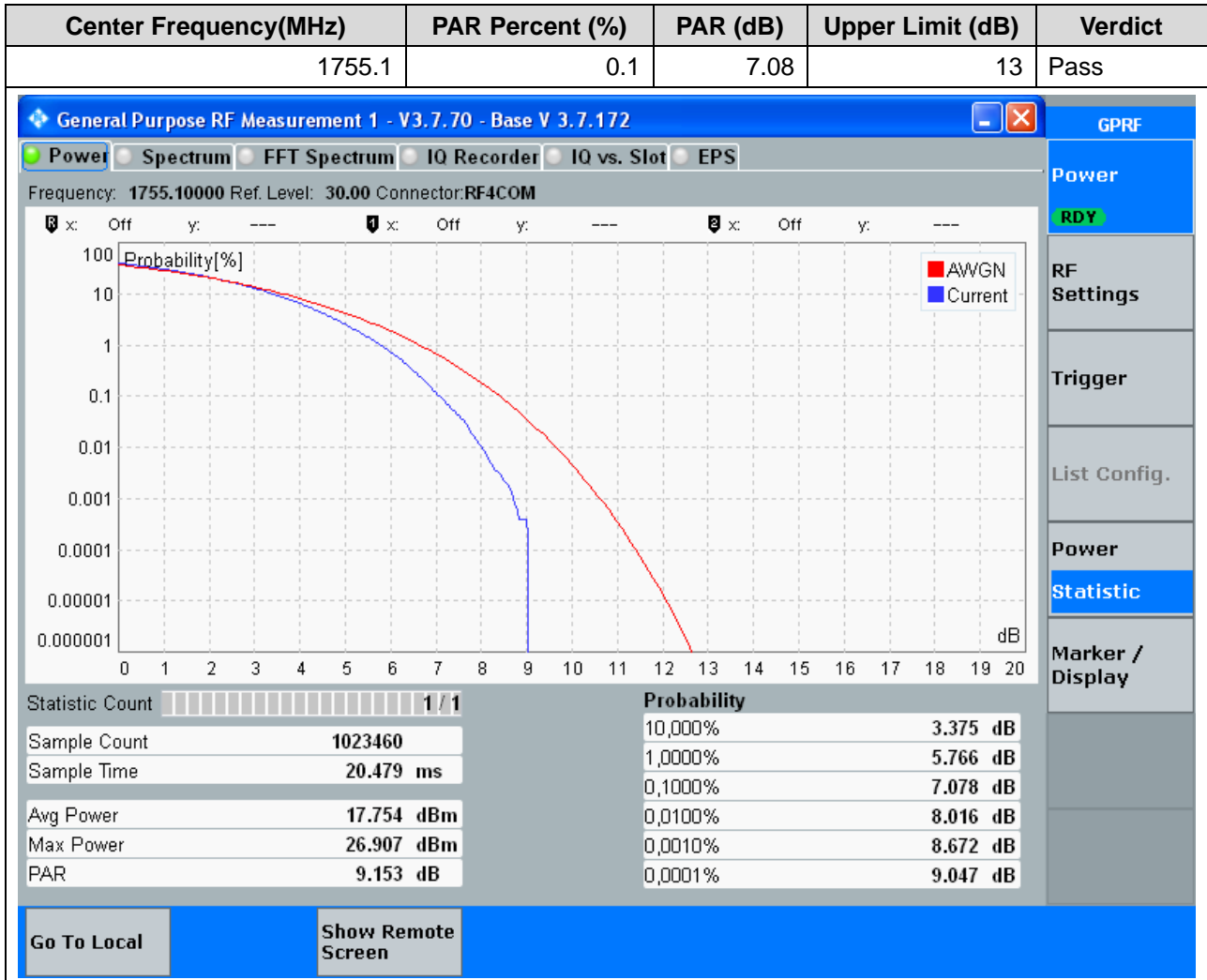
4.13. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:132373|132517, Bandwidth:20|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



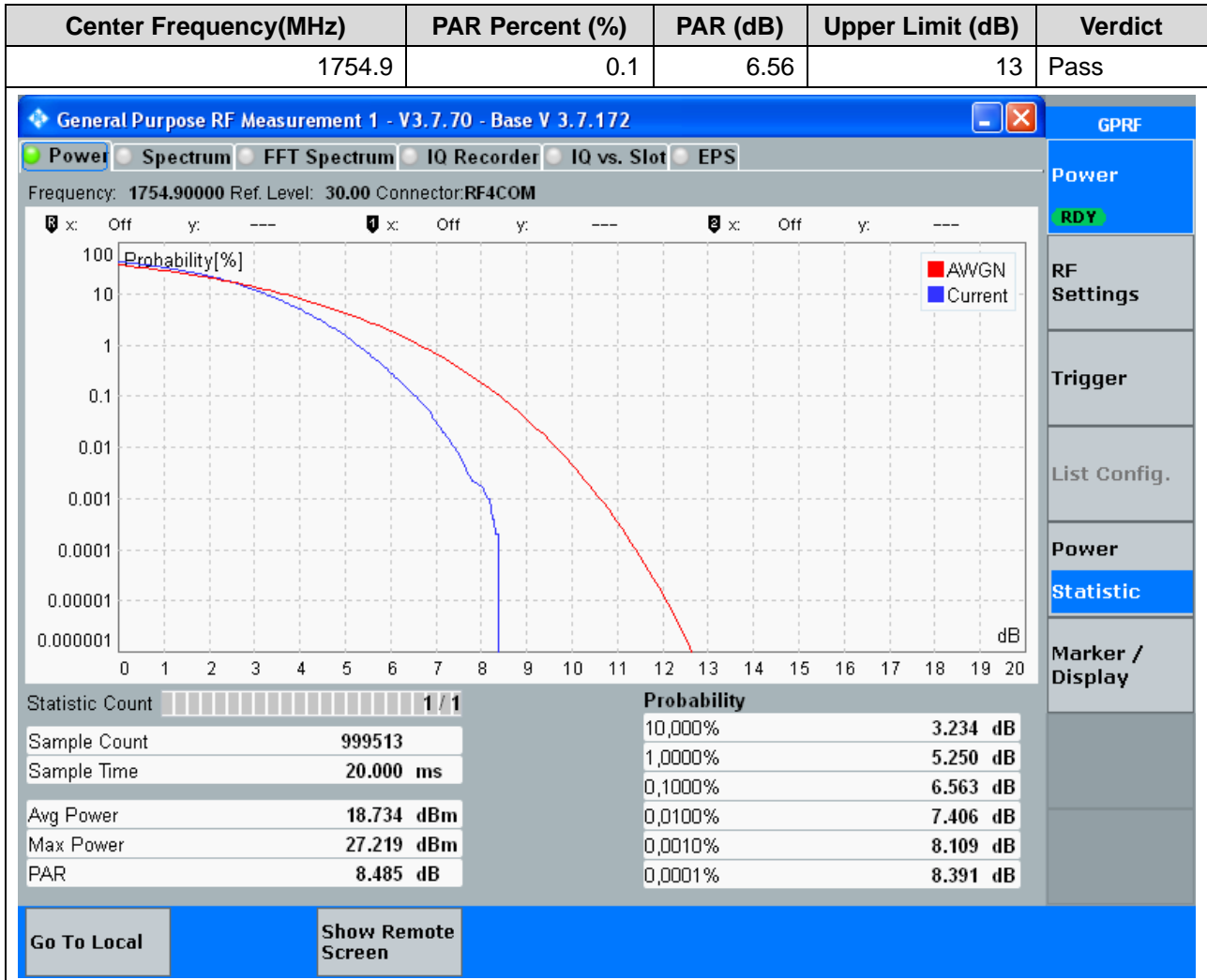
4.14. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:13, Channel:132325|132496, Bandwidth:15|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



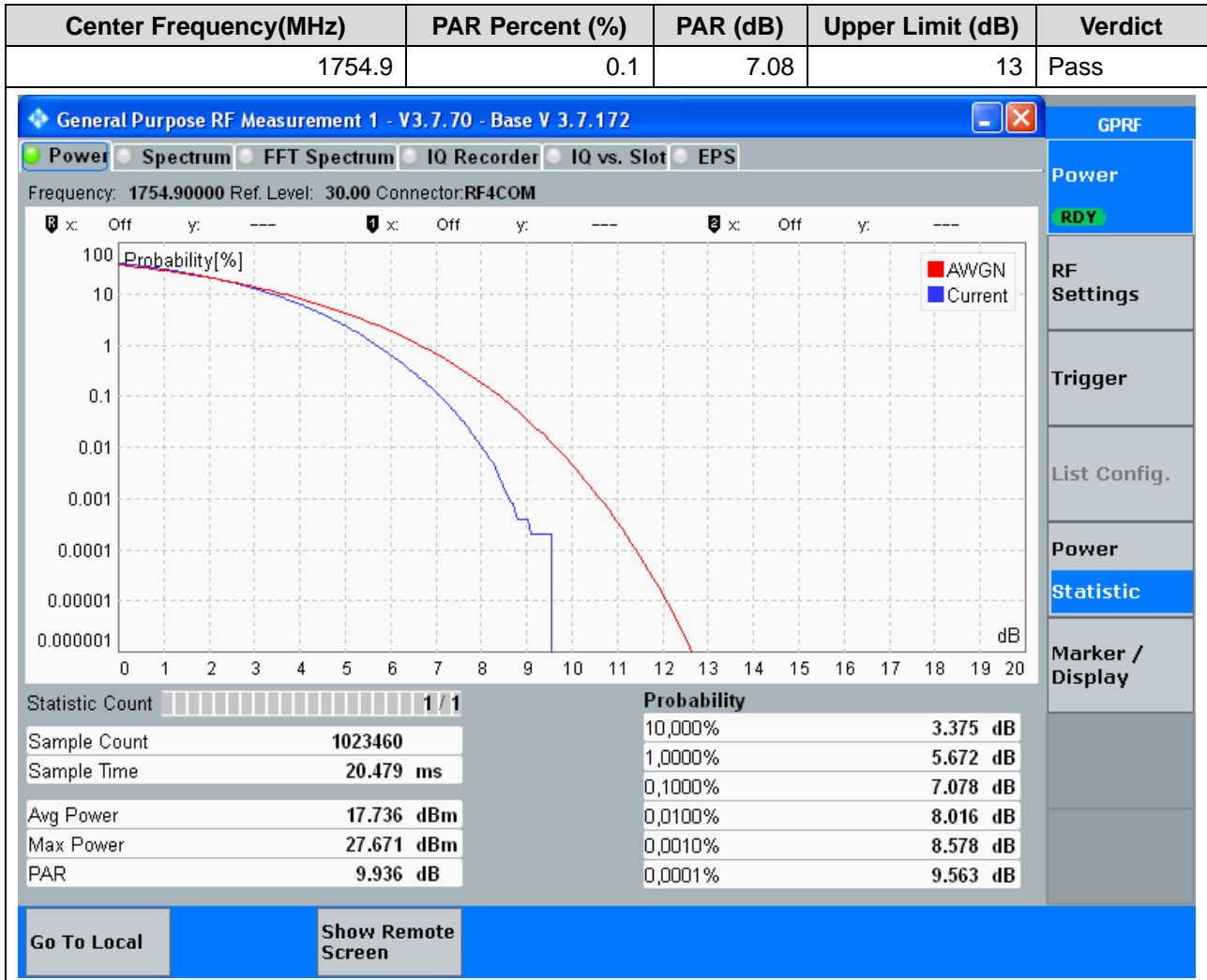
**4.15. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:14,
Channel:132325|132496, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



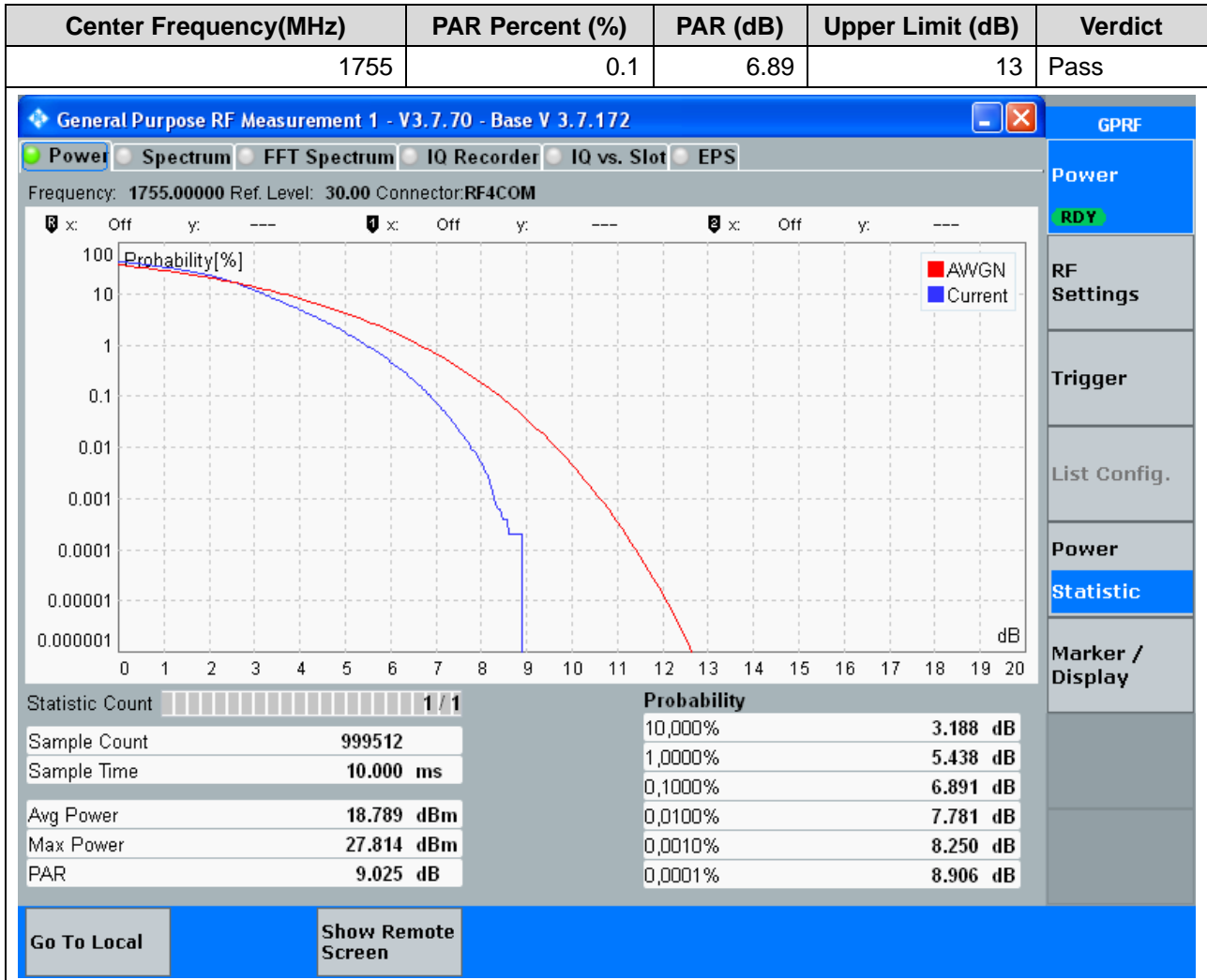
4.16. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:15, Channel:132348|132519, Bandwidth:20|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



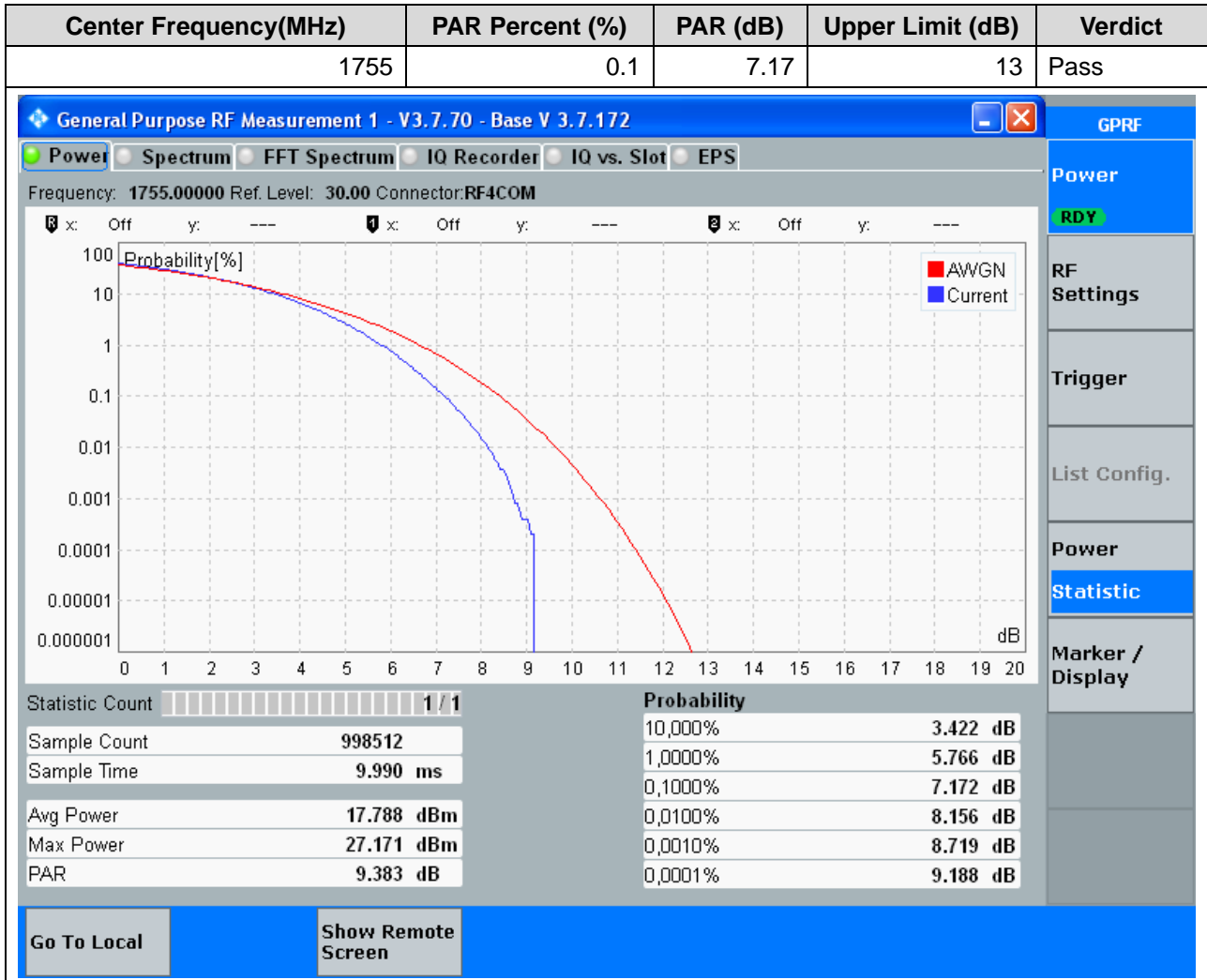
**4.17. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:16,
Channel:132348|132519, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



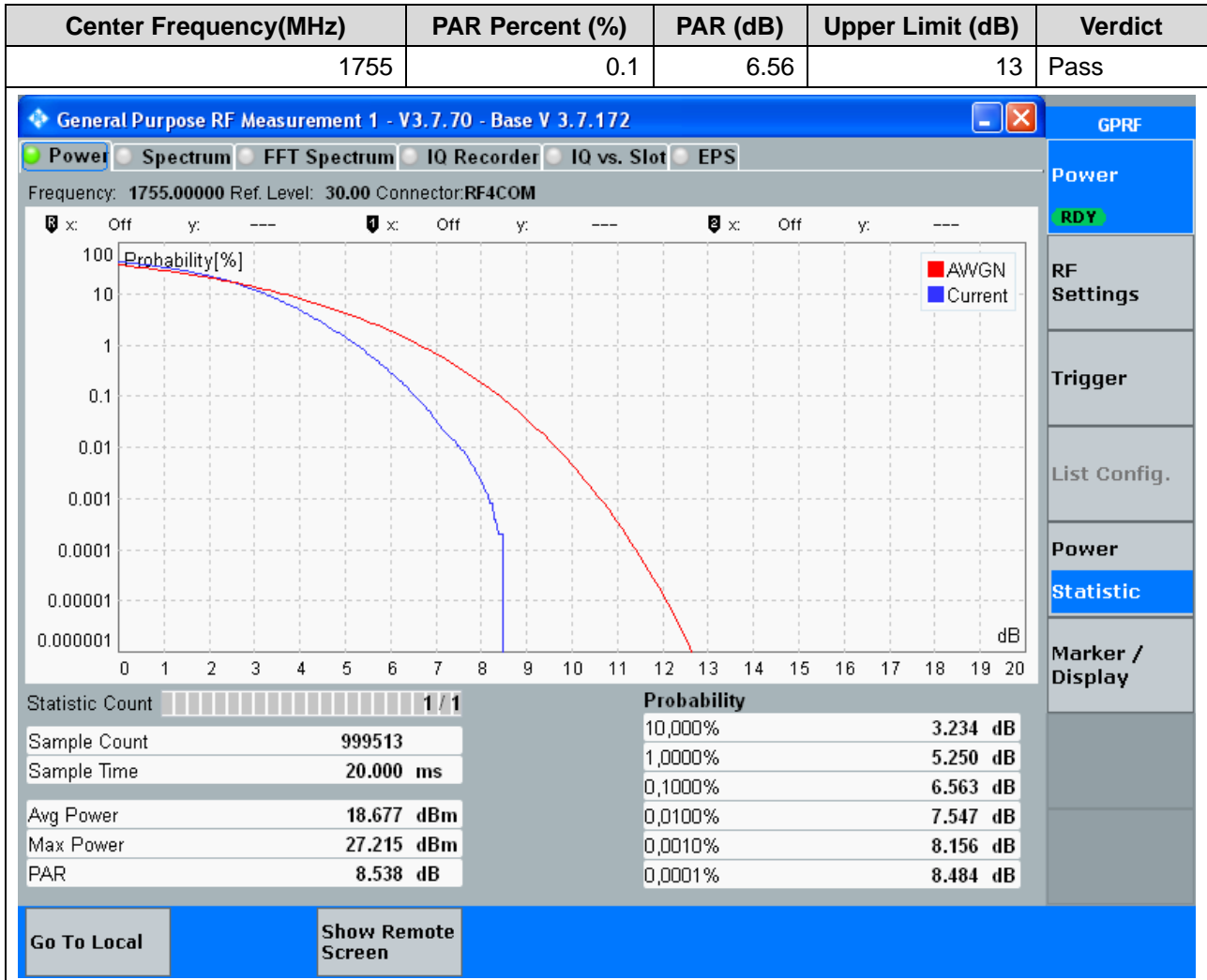
**4.18. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:17,
Channel:132347|132497, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



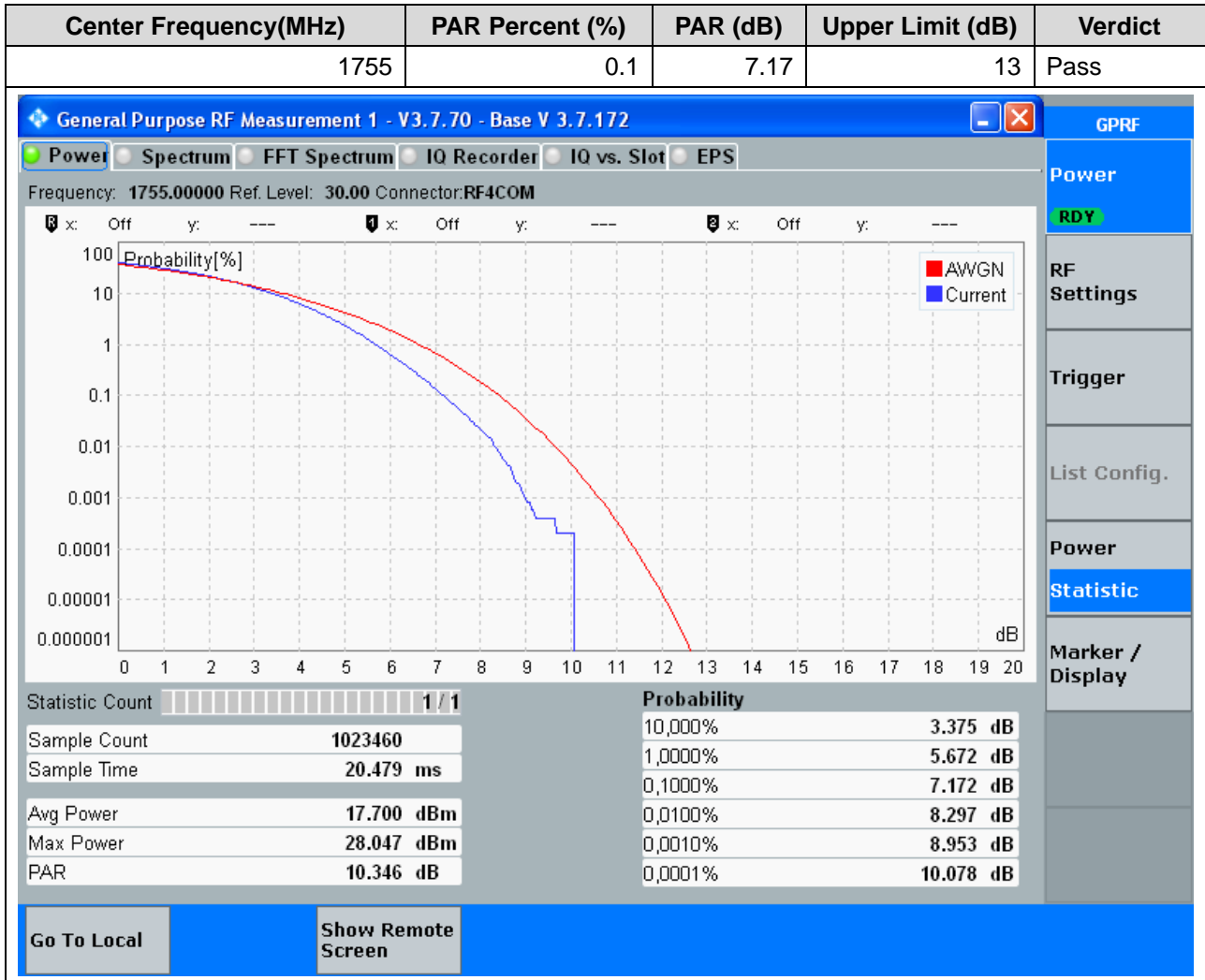
4.19. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:18, Channel:132347|132497, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



4.20. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:19, Channel:132323|132521, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



4.21. LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:20, Channel:132323|132521, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



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