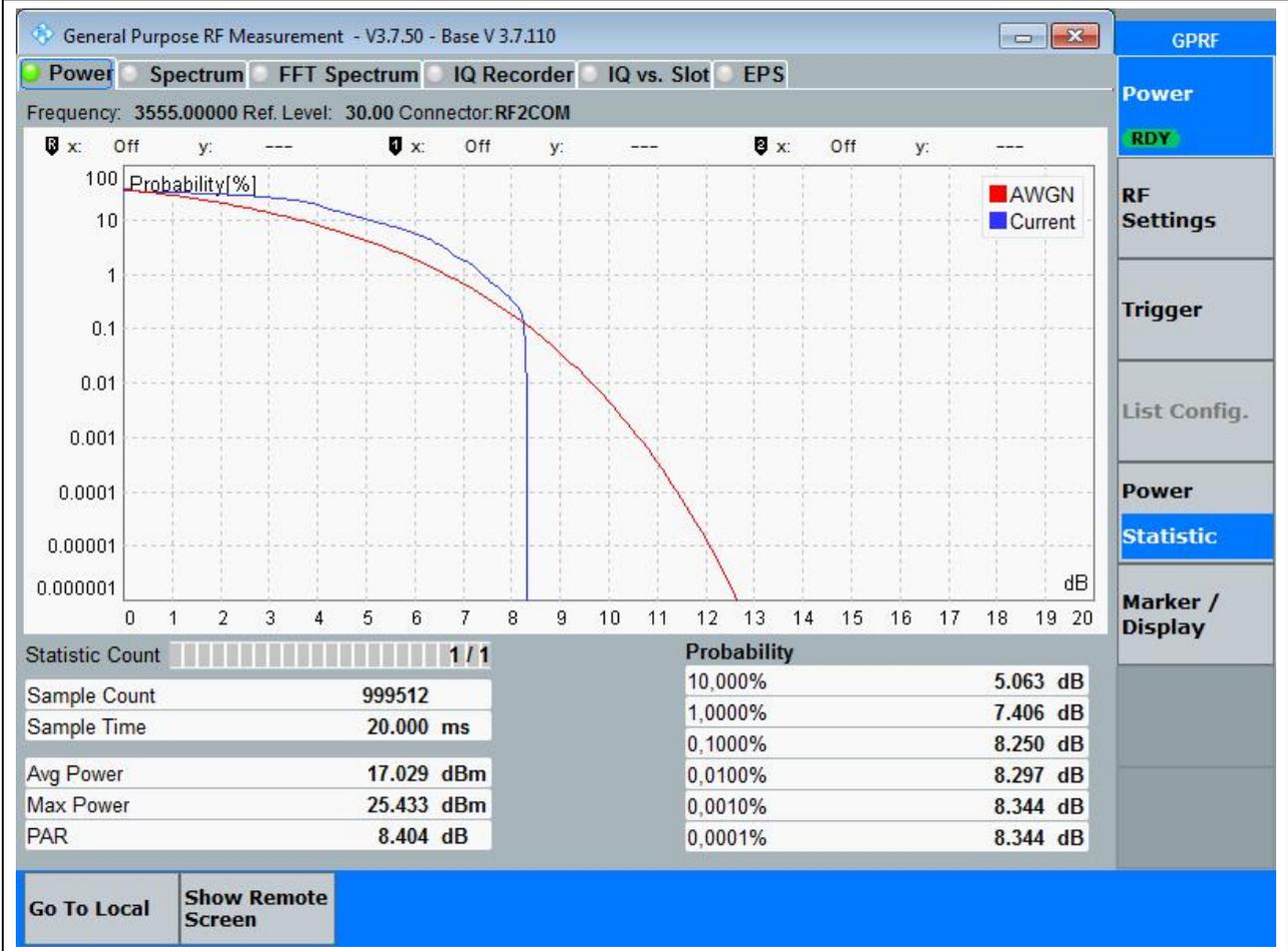

Annex A.2 Peak to Average Ratio

1. LTE_Band48

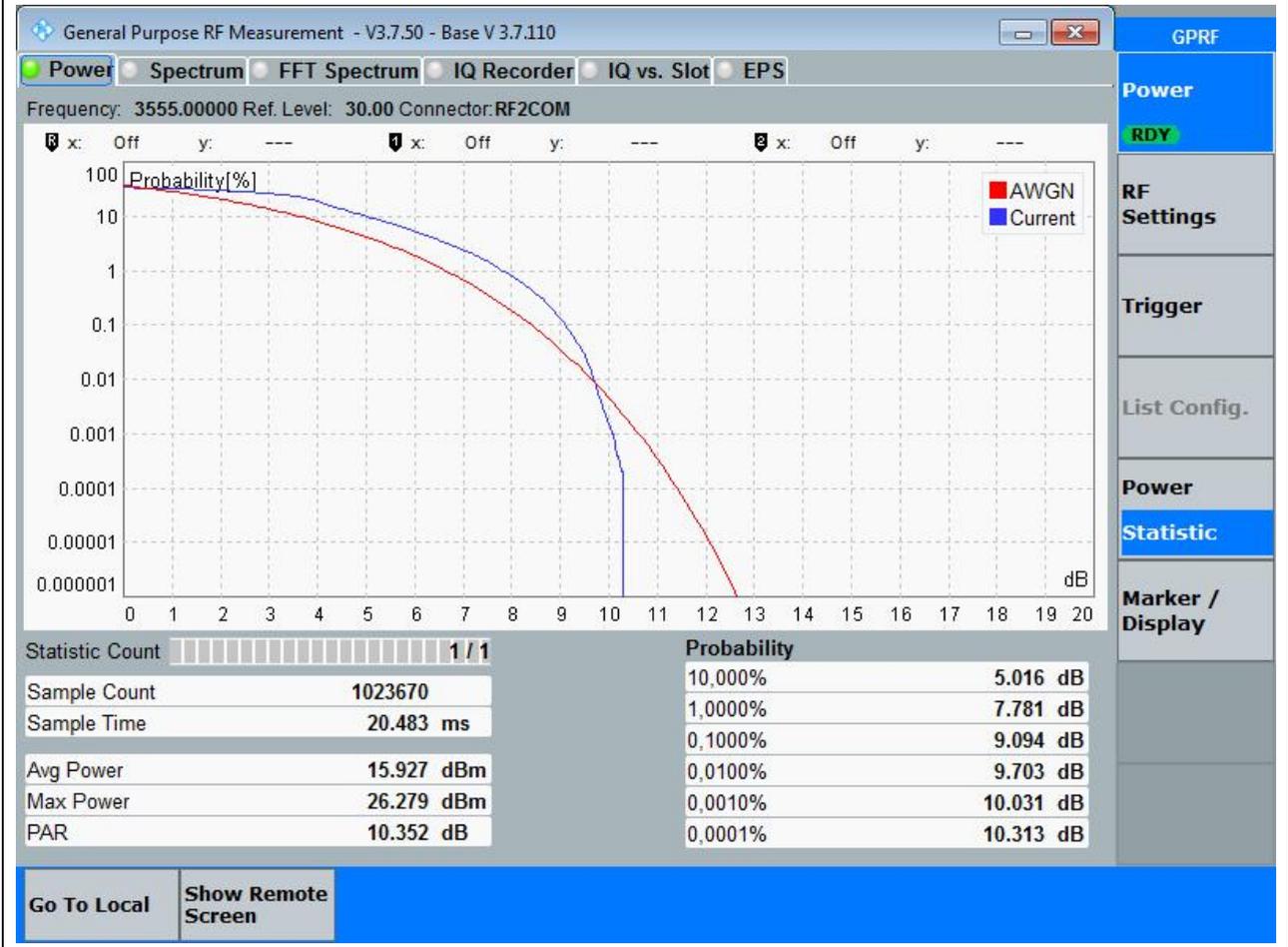
1.1 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:1, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3555	0.1	8.25	13	Pass

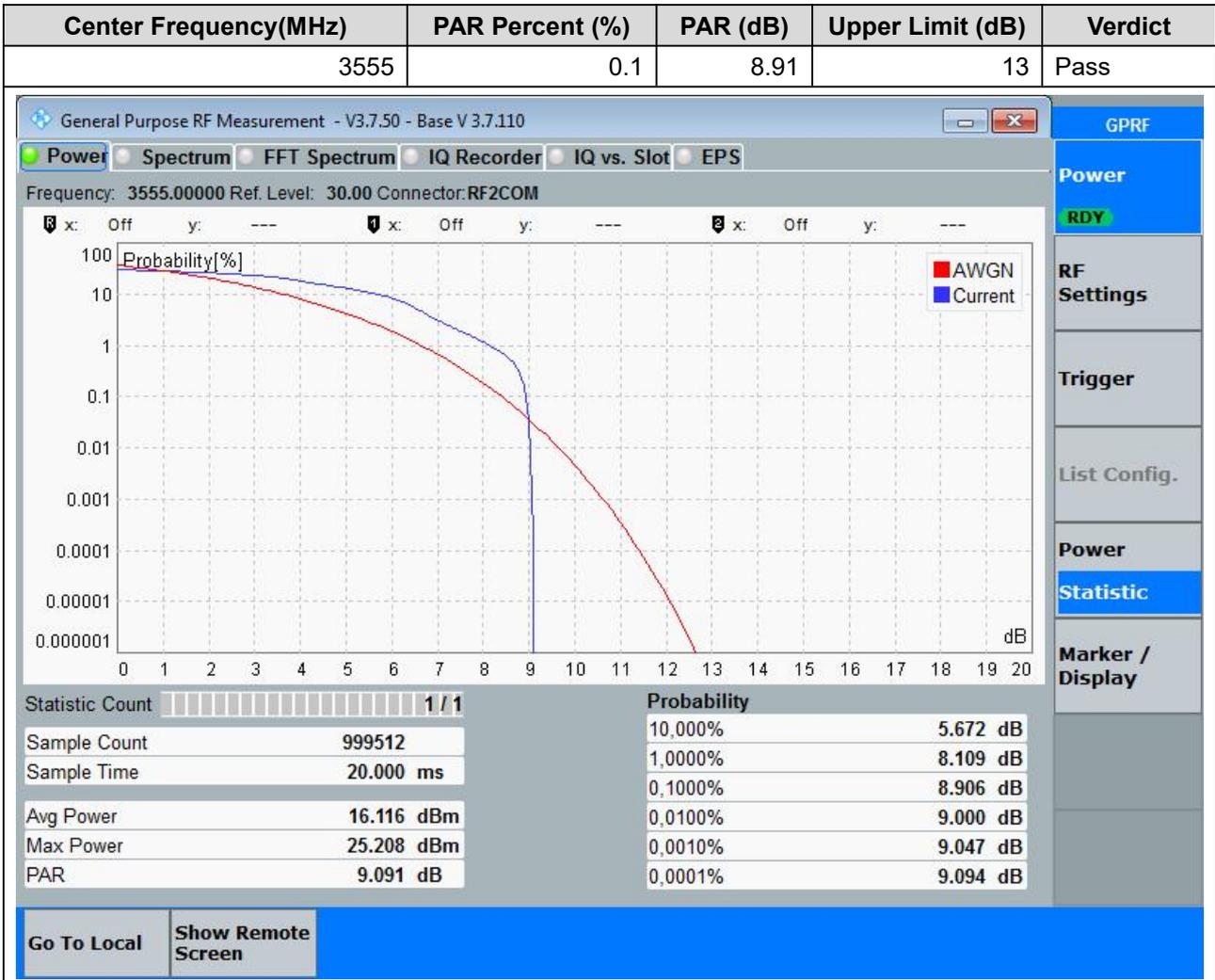


1.2 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:2, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3555	0.1	9.09	13	Pass

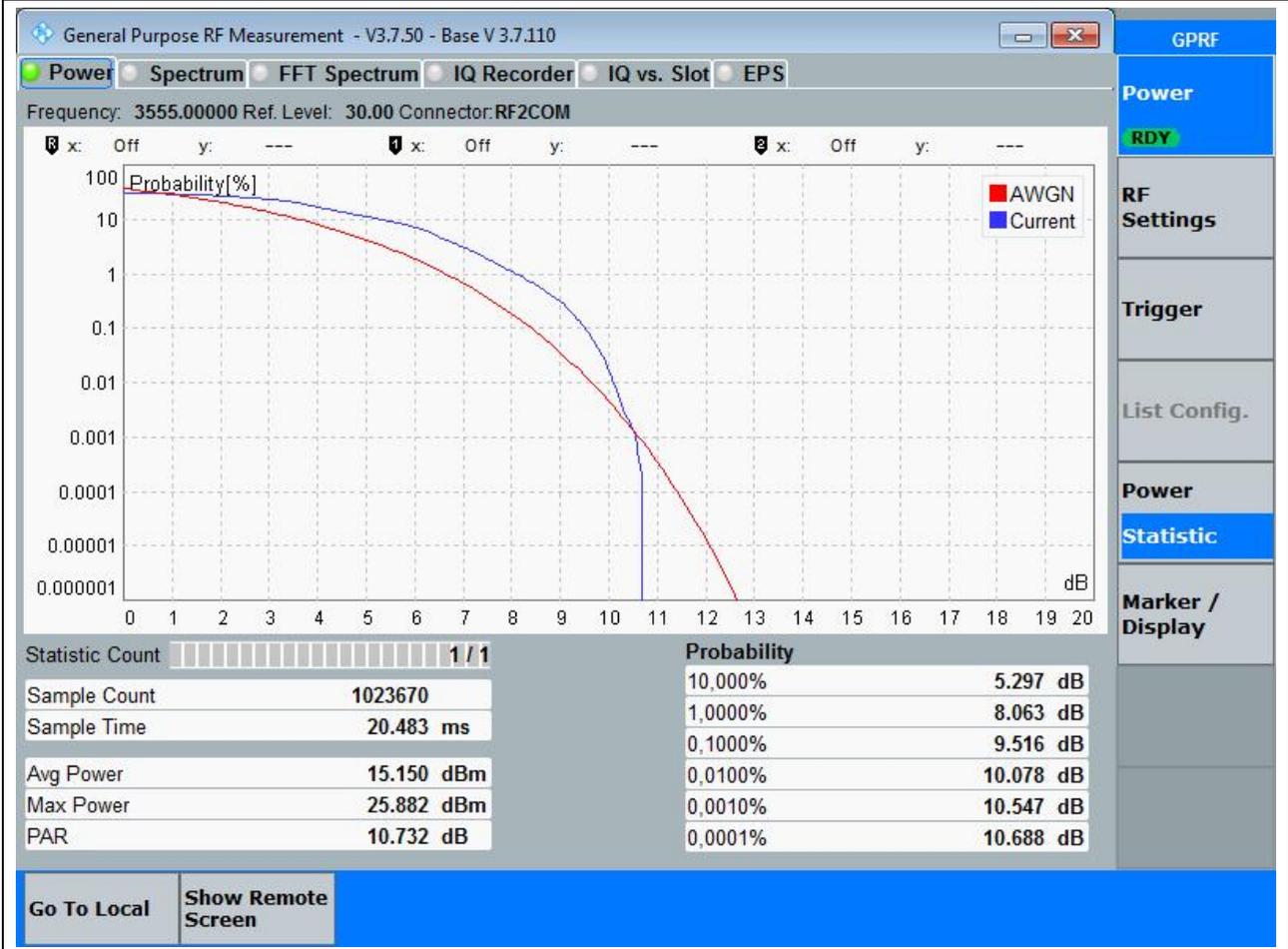


1.3 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:3, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



1.4 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:4, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3555	0.1	9.52	13	Pass



1.5 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:5, Channel:55990, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3625	0.1	8.2	13	Pass

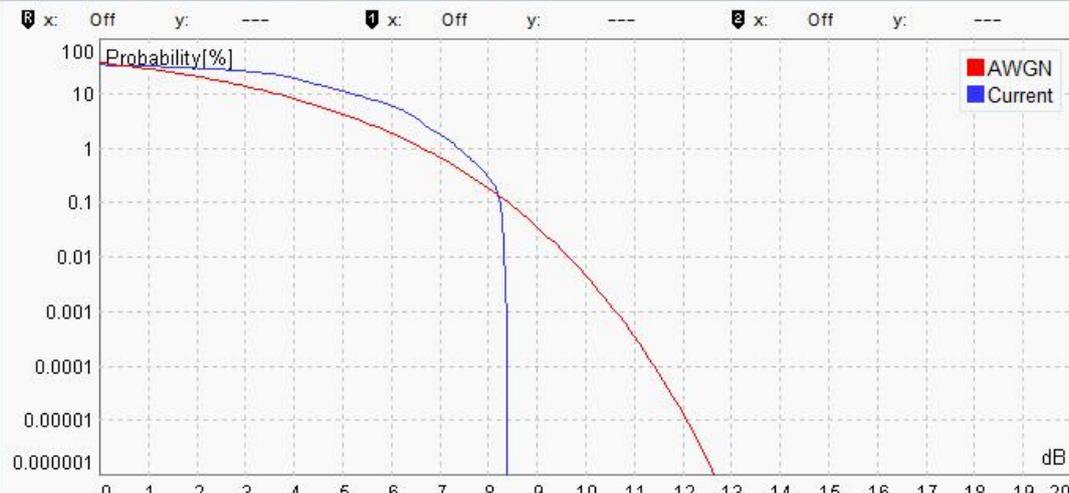
General Purpose RF Measurement - V3.7.50 - Base V 3.7.110

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 3625.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]



Statistic Count	
Sample Count	999512
Sample Time	20.000 ms
Avg Power	17.276 dBm
Max Power	25.720 dBm
PAR	8.444 dB

Probability	
10,000%	5.203 dB
1,0000%	7.359 dB
0,1000%	8.203 dB
0,0100%	8.344 dB
0,0010%	8.344 dB
0,0001%	8.391 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

1.6 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:6, Channel:55990, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3625	0.1	9.09	13	Pass

General Purpose RF Measurement - V3.7.50 - Base V 3.7.110

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 3625.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power RDY

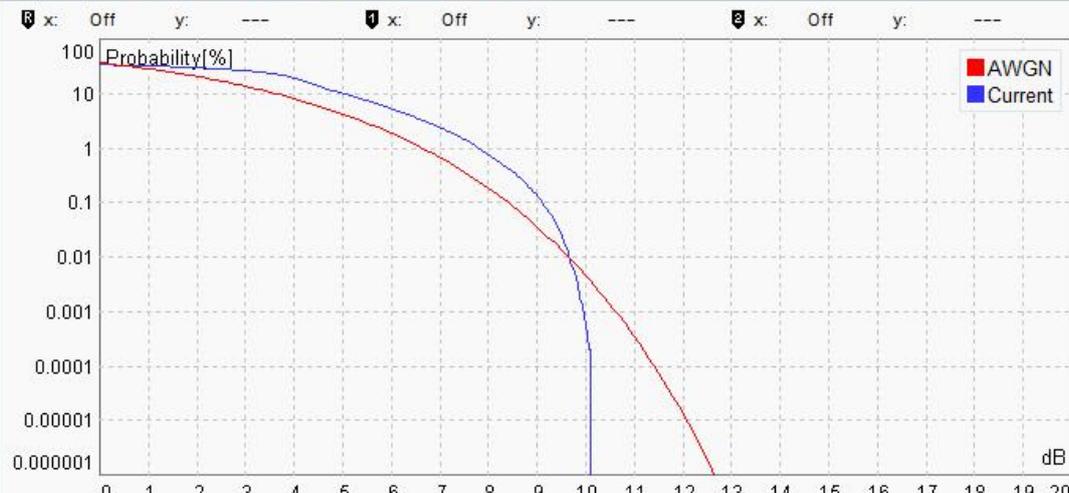
RF Settings

Trigger

List Config.

Power Statistic

Marker / Display

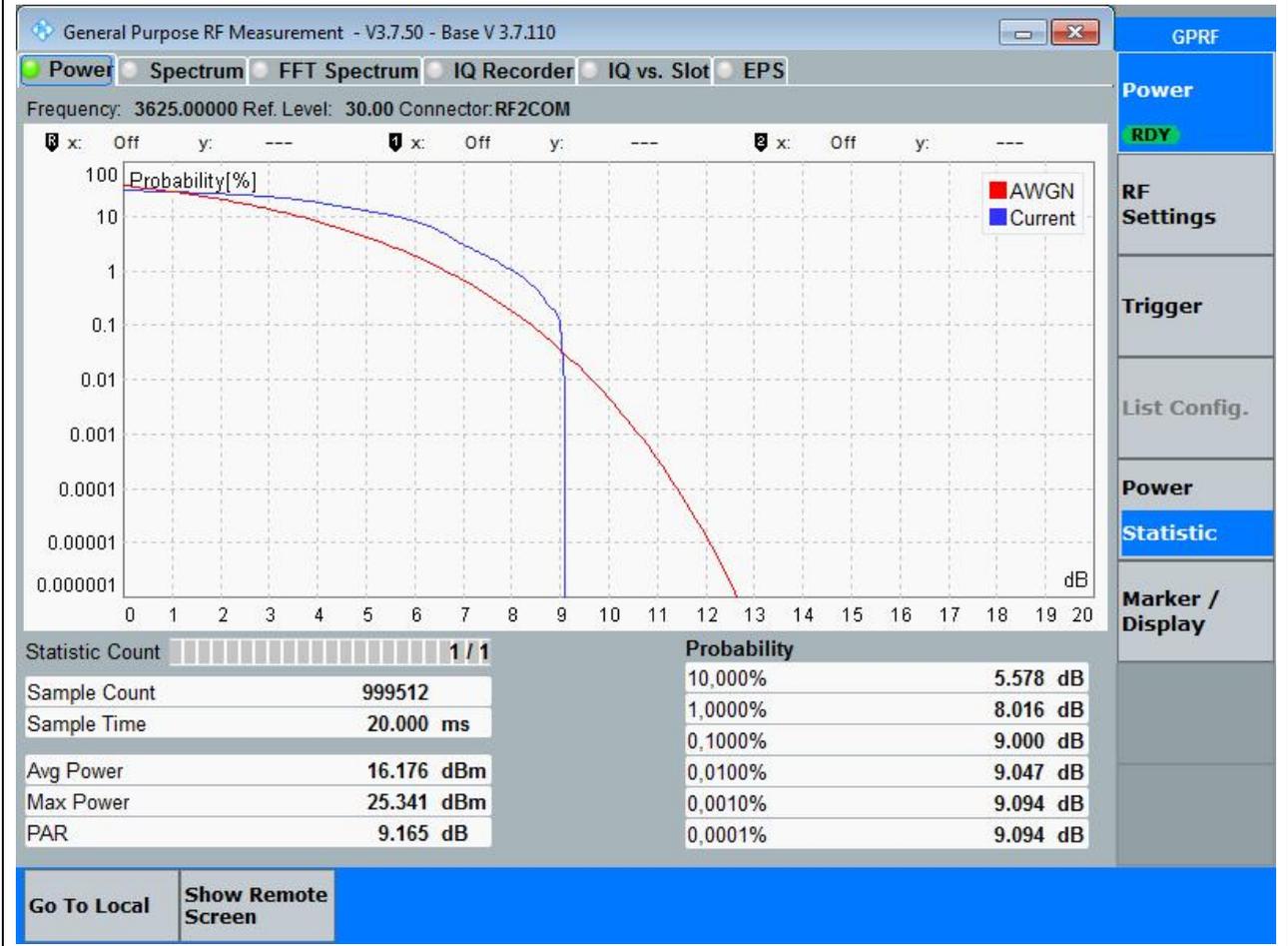


Statistic Count	1 / 1	Probability	
Sample Count	1023670	10,000%	5.016 dB
Sample Time	20.483 ms	1,0000%	7.781 dB
Avg Power	16.074 dBm	0,1000%	9.094 dB
Max Power	26.294 dBm	0,0010%	9.938 dB
PAR	10.221 dB	0,0001%	10.125 dB

Go To Local
Show Remote Screen

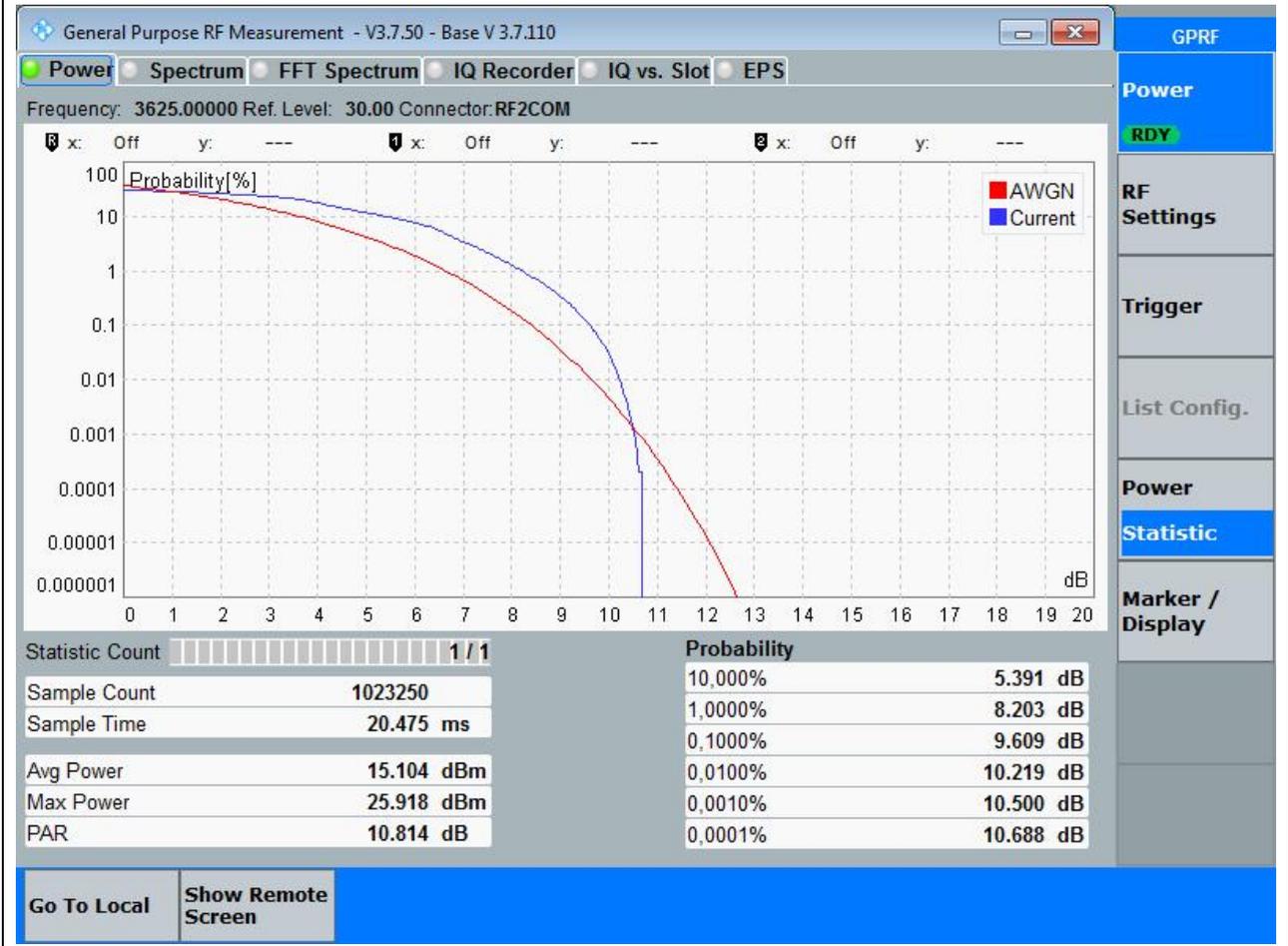
1.7 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:7, Channel:55990, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3625	0.1	9	13	Pass



1.8 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:8, Channel:55990, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3625	0.1	9.61	13	Pass



1.9 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:9, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3695	0.1	8.2	13	Pass

General Purpose RF Measurement - V3.7.50 - Base V 3.7.110

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 3695.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Probability[%]



Statistic Count	Value
Sample Count	999912
Sample Time	20.008 ms
Avg Power	17.138 dBm
Max Power	25.506 dBm
PAR	8.368 dB

Probability	Value
10,000%	5.203 dB
1,0000%	7.266 dB
0,1000%	8.203 dB
0,0100%	8.297 dB
0,0010%	8.297 dB
0,0001%	8.344 dB

Go To Local

Show Remote Screen

Power

RDY

RF Settings

Trigger

List Config.

Power

Statistic

Marker / Display

1.10 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:10, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3695	0.1	8.81	13	Pass

General Purpose RF Measurement - V3.7.50 - Base V 3.7.110

Power Spectrum FFT Spectrum IQ Recorder IQ vs. Slot EPS

Frequency: 3695.00000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power RDY

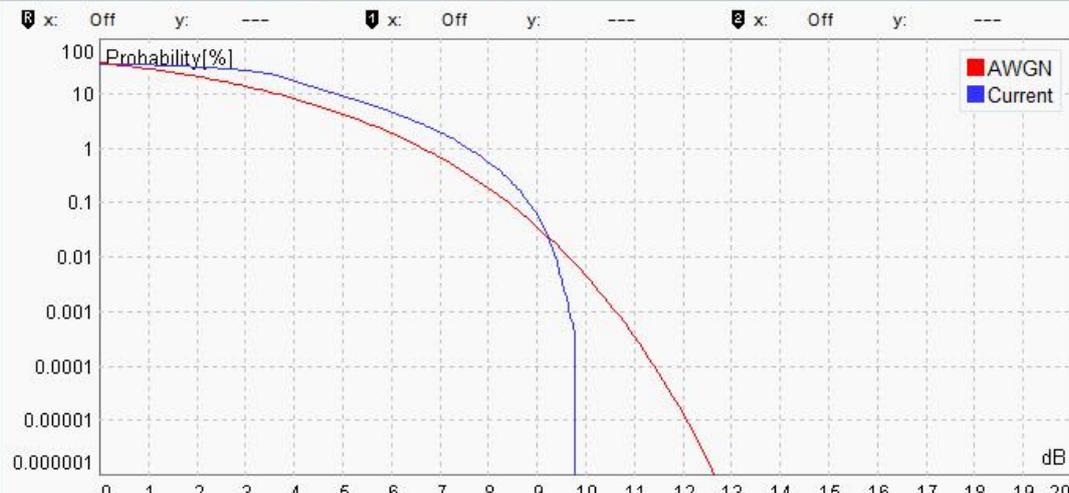
RF Settings

Trigger

List Config.

Power Statistic

Marker / Display



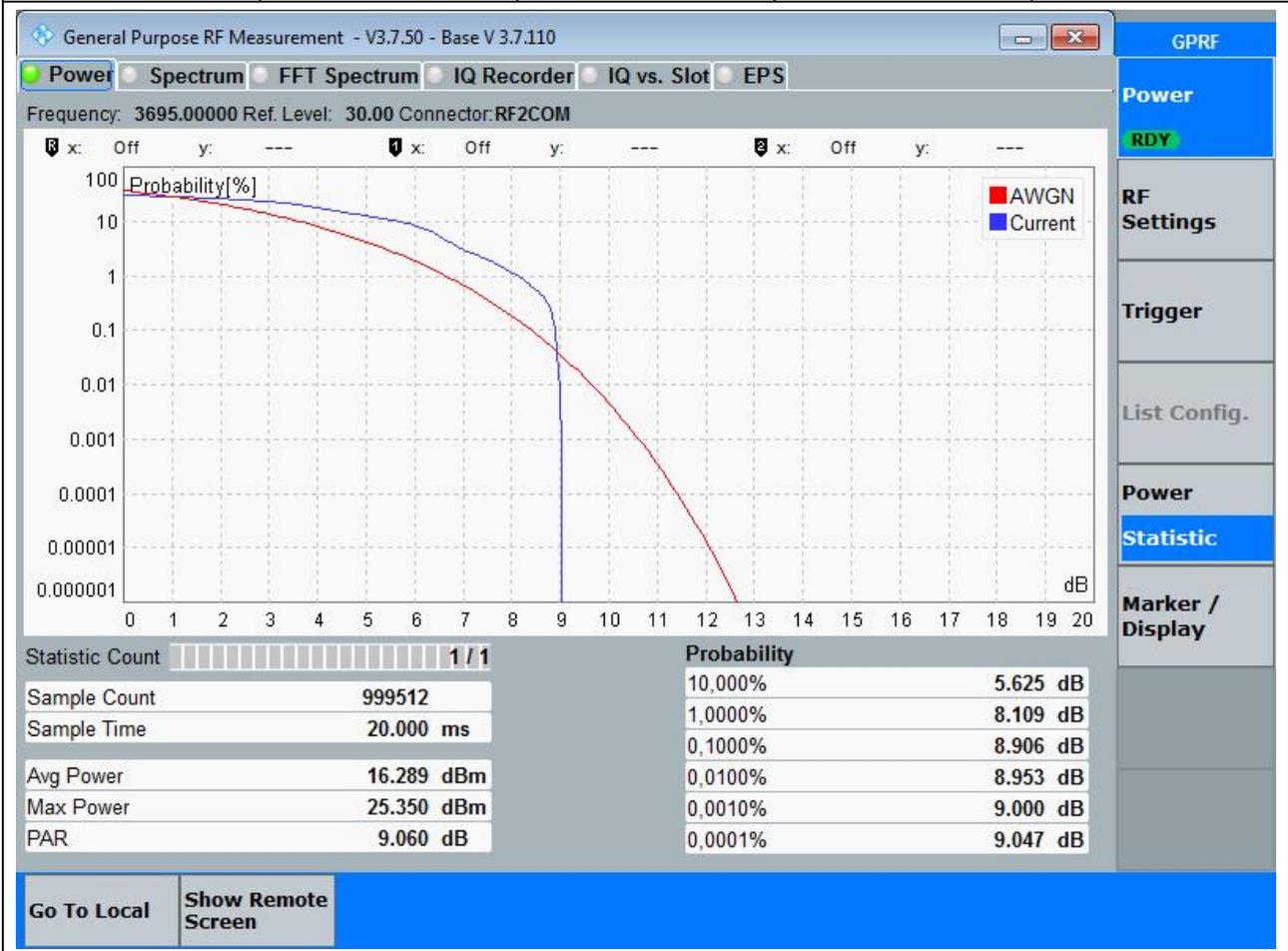
Statistic Count	
Sample Count	1023252
Sample Time	20.475 ms
Avg Power	16.347 dBm
Max Power	26.263 dBm
PAR	9.916 dB

Probability	
10,000%	4.828 dB
1,0000%	7.547 dB
0,1000%	8.813 dB
0,0100%	9.375 dB
0,0010%	9.656 dB
0,0001%	9.797 dB

Go To Local
Show Remote Screen

1.11 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:11, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3695	0.1	8.91	13	Pass



1.12 LTE Peak to Average Ratio_Part96(NTNV)(Subtest:12, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
3695	0.1	9.47	13	Pass

