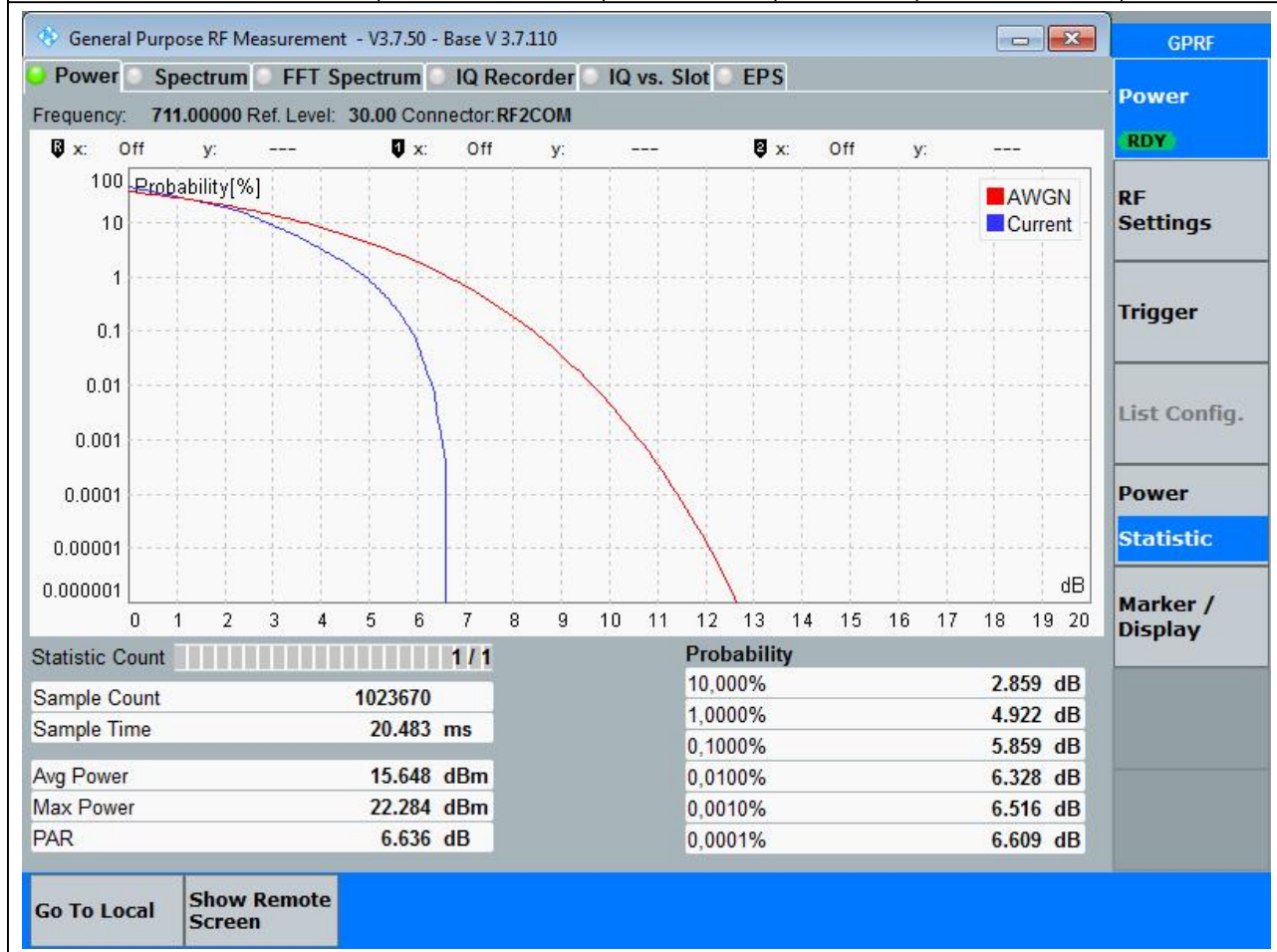


Peak to Average Ratio

8.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23130, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

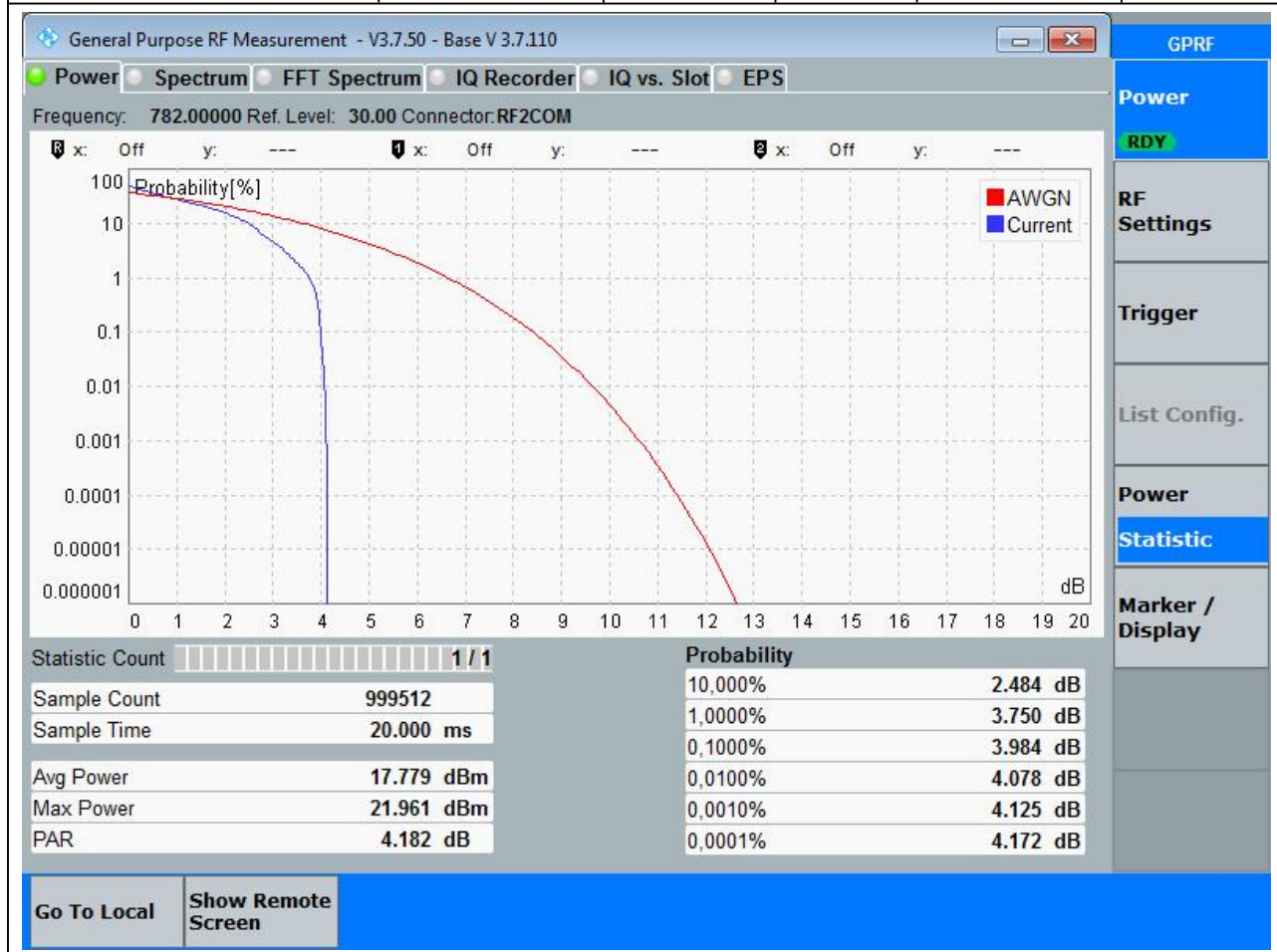
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	10	5.86	13	Pass



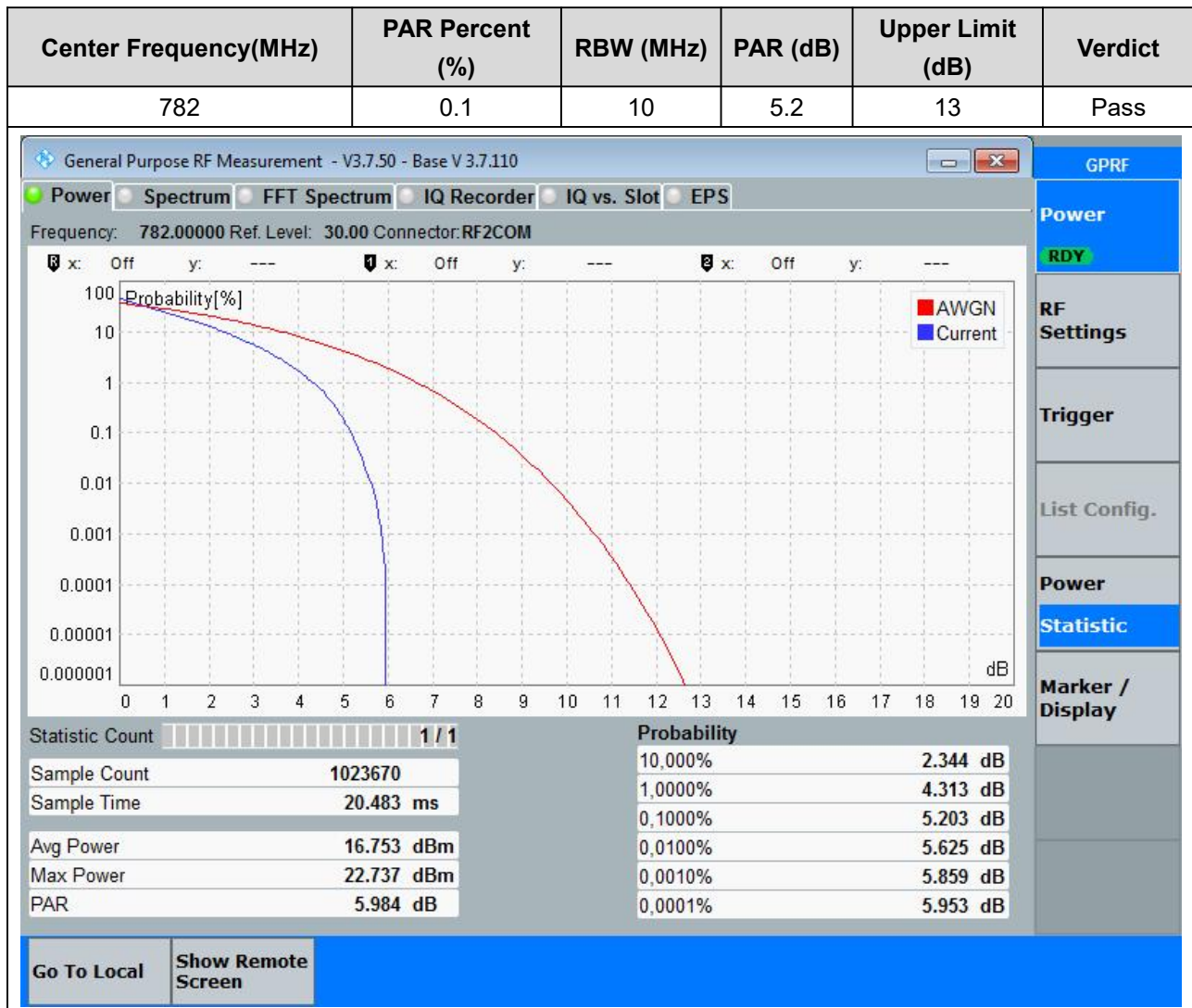
9. LTE_Band13

9.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

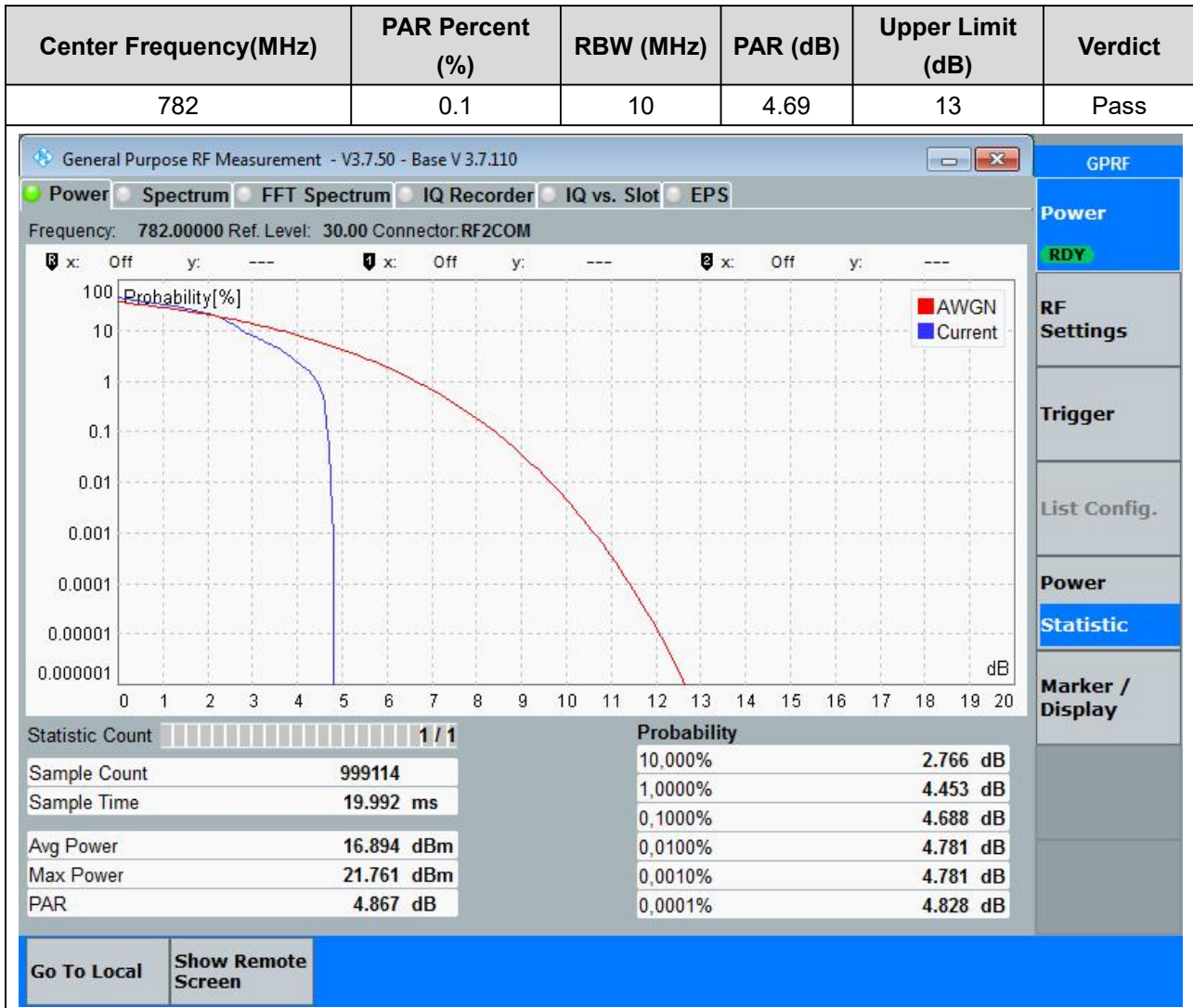
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	10	3.98	13	Pass



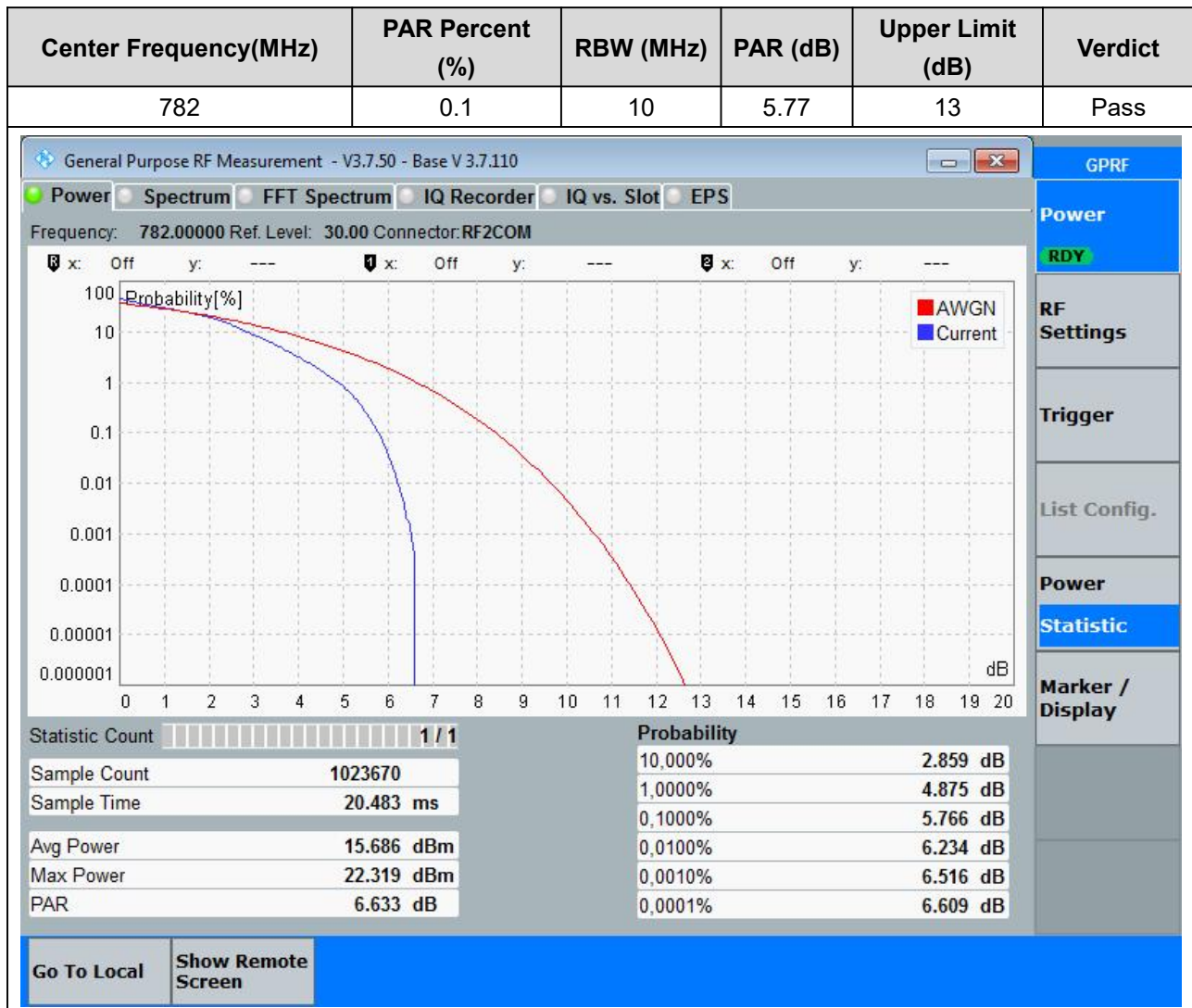
9.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



9.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)



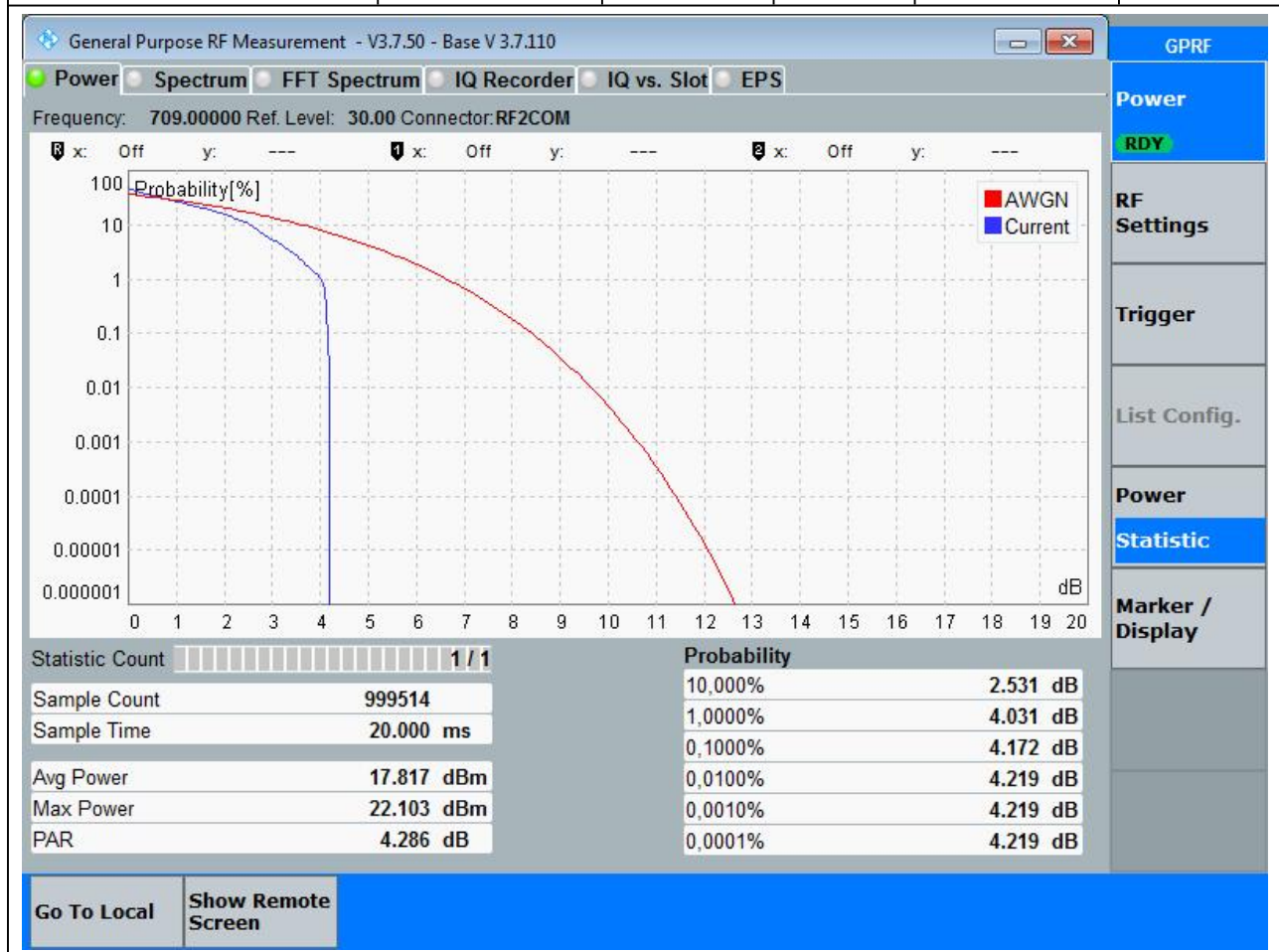
9.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



10. LTE_Band17

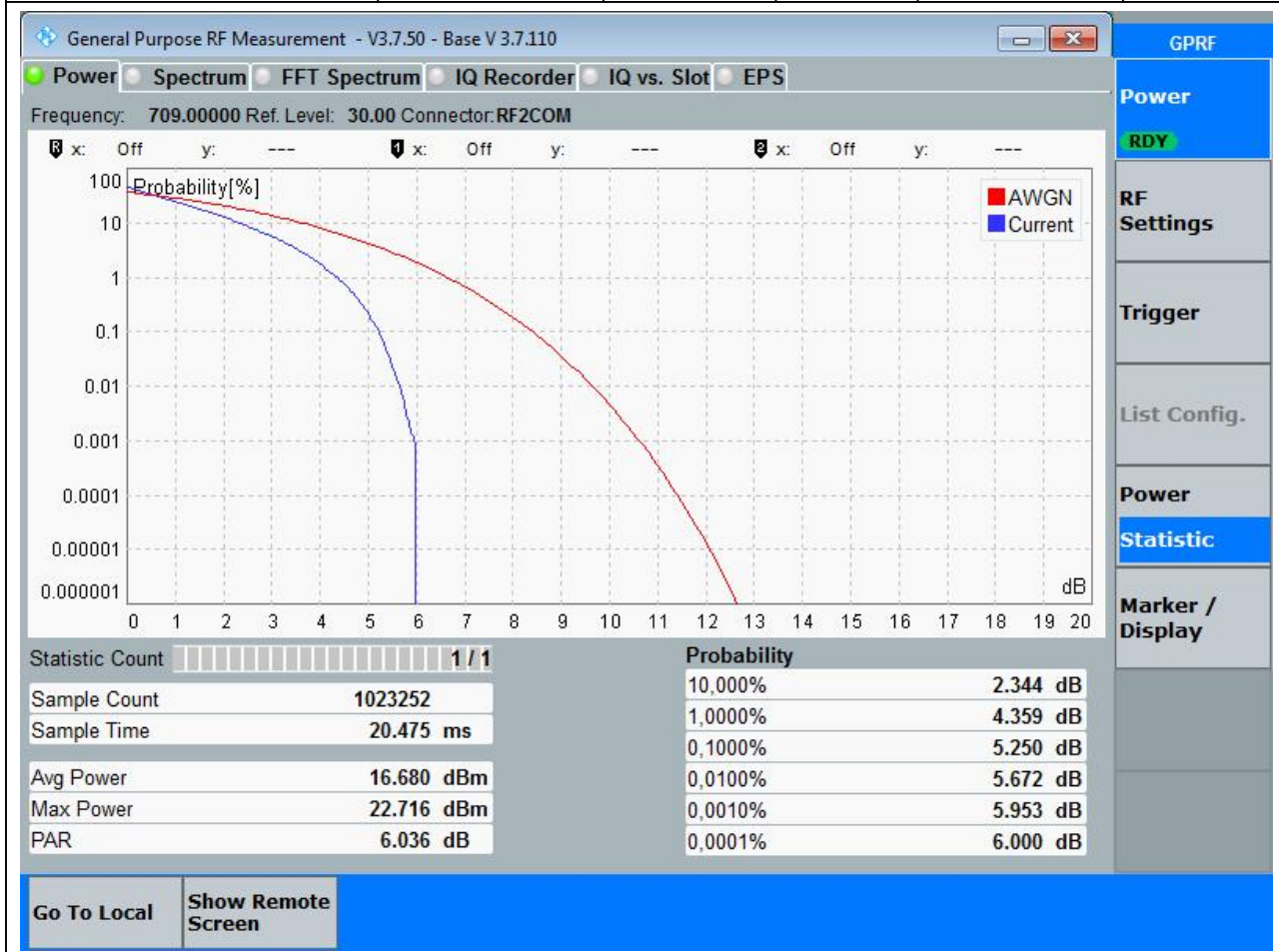
10.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	10	4.17	13	Pass



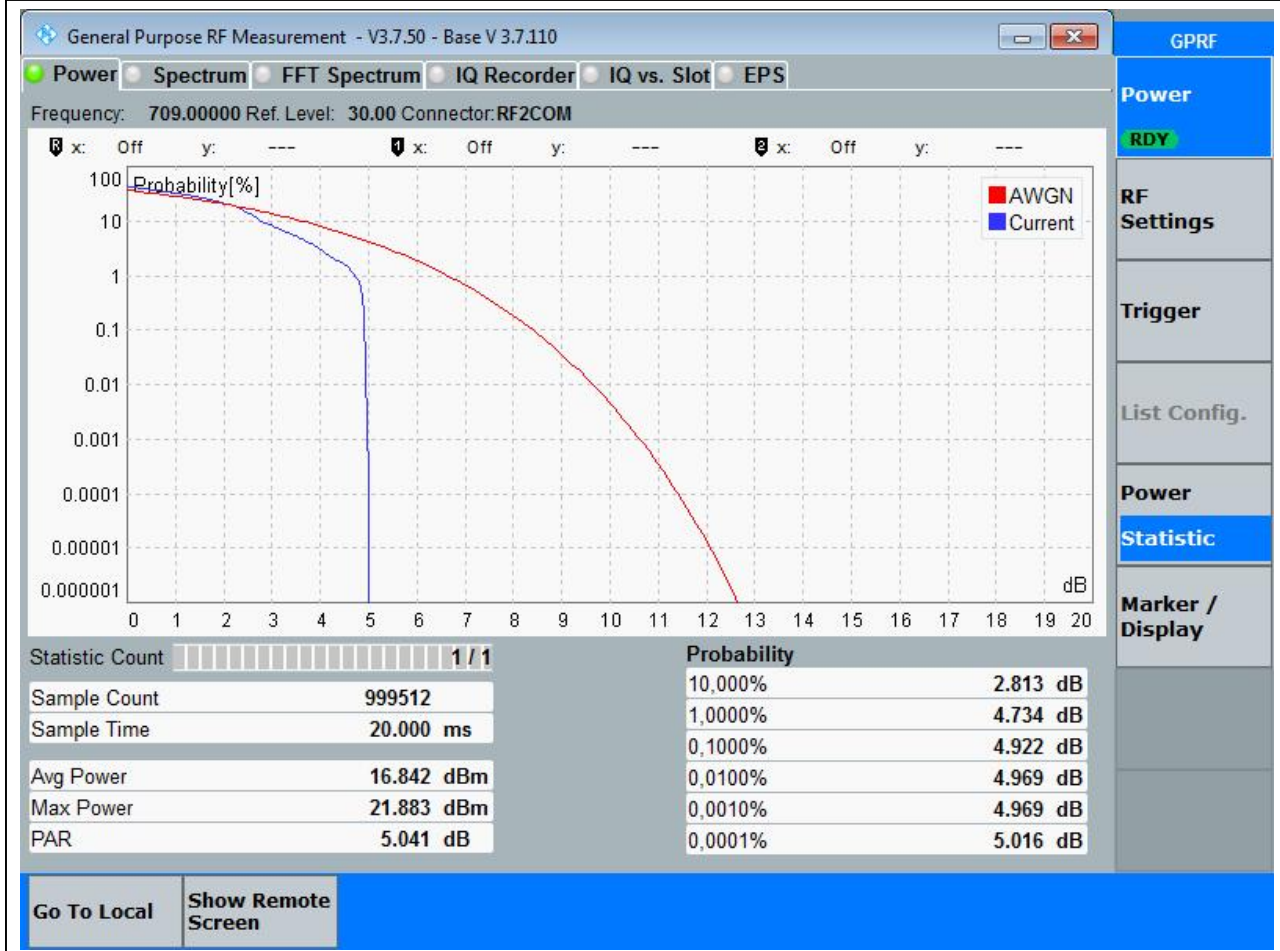
10.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	10	5.25	13	Pass

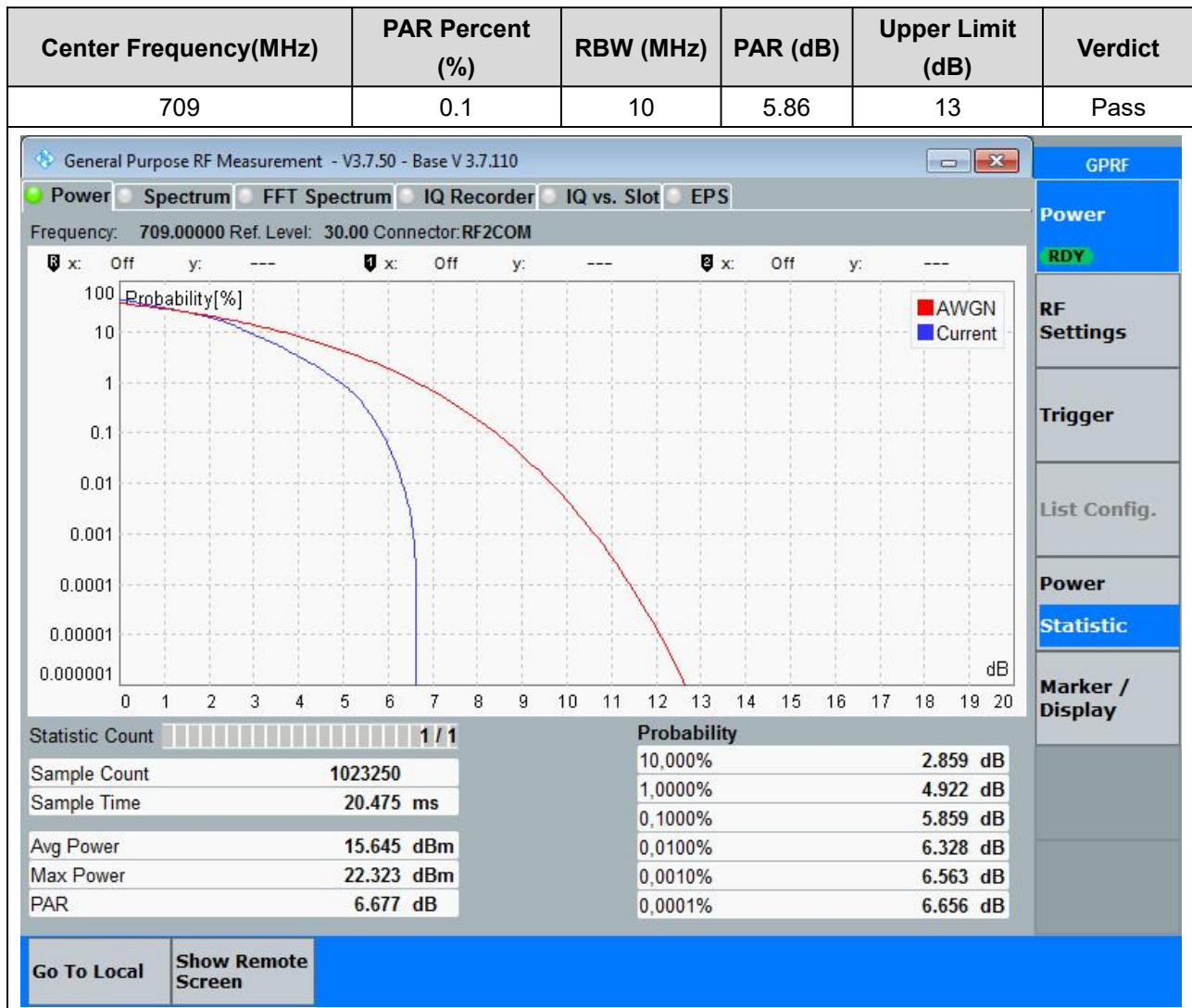


10.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23780, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

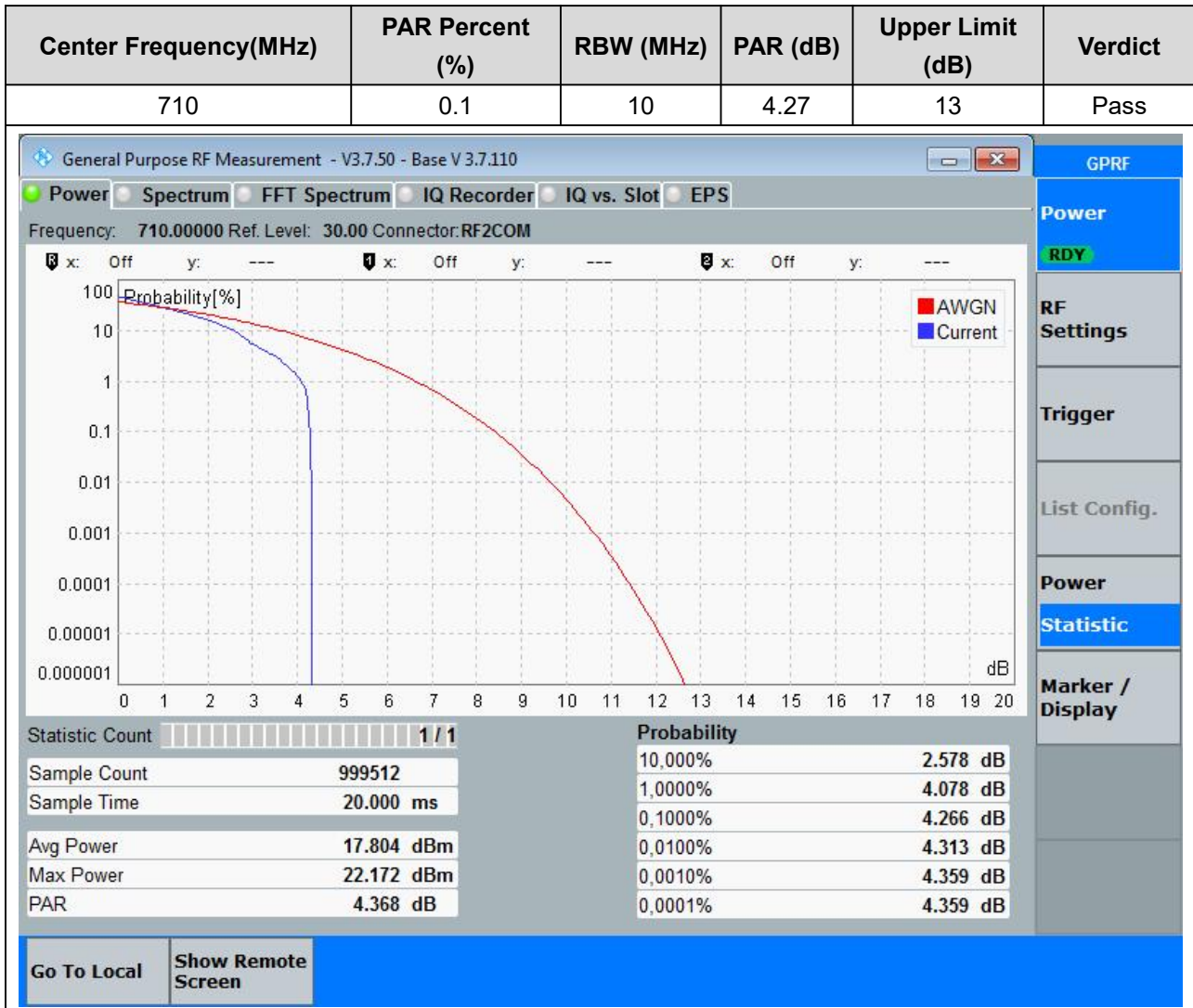
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
709	0.1	10	4.92	13	Pass



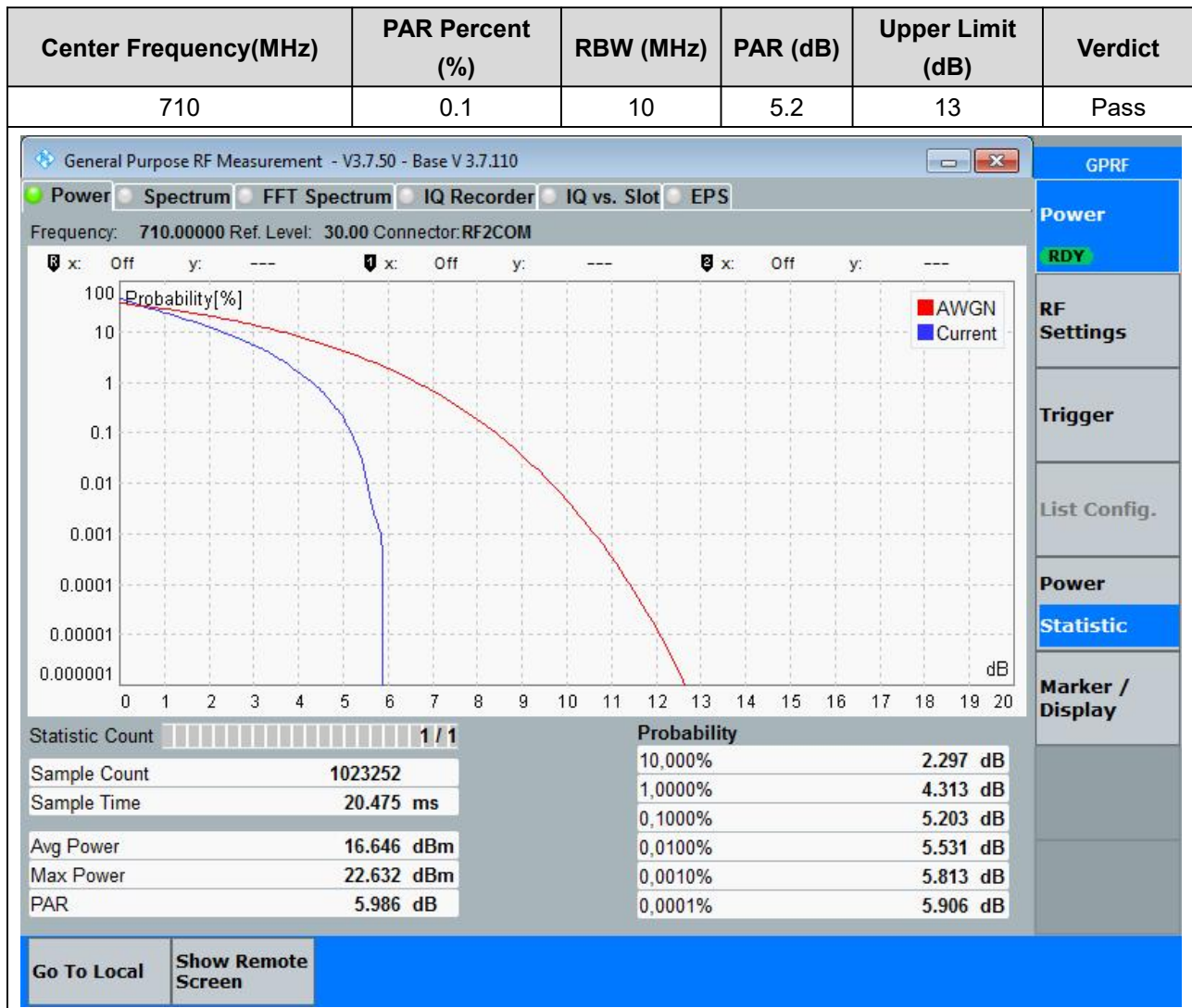
10.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23780, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



10.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

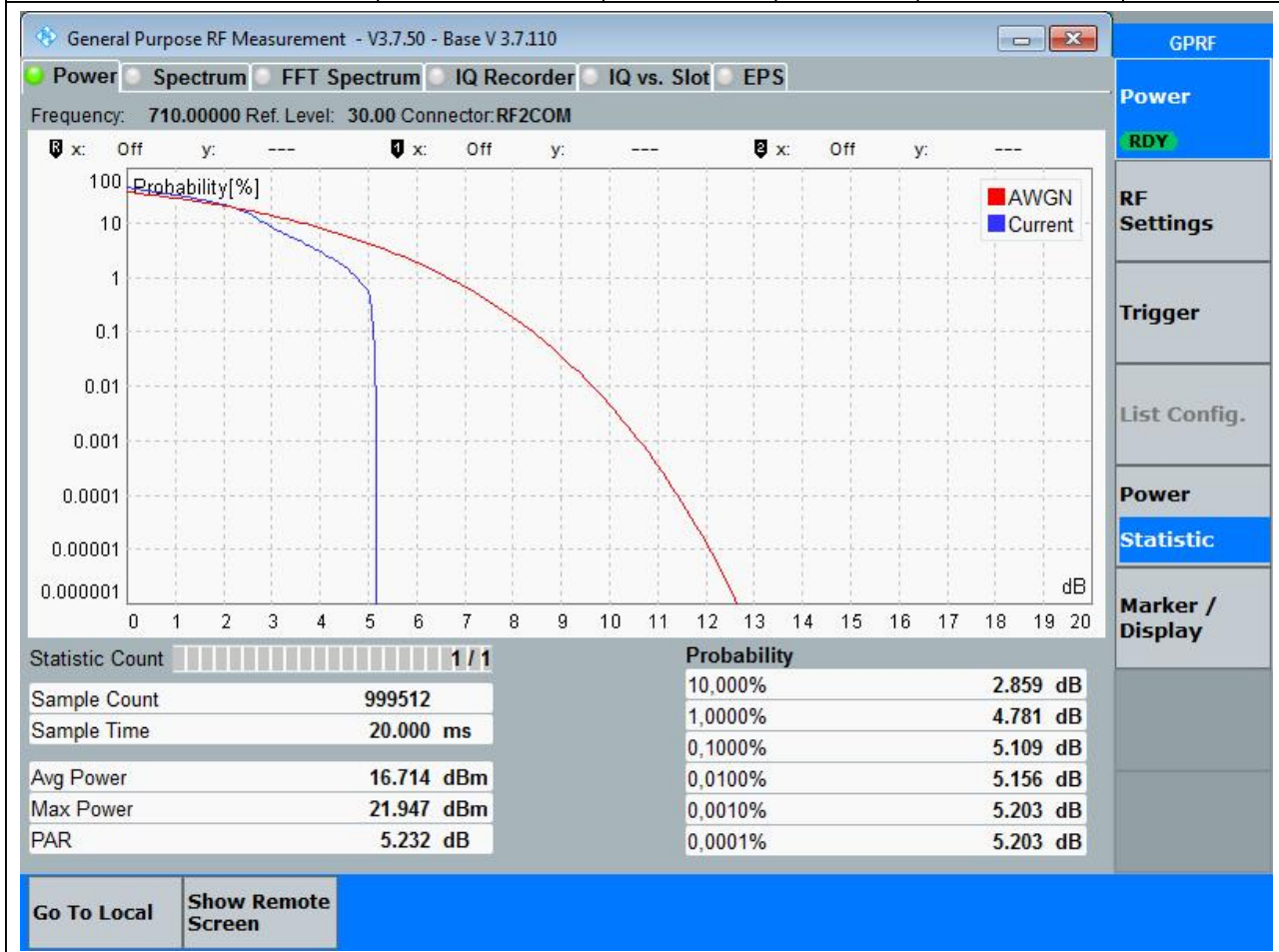


10.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



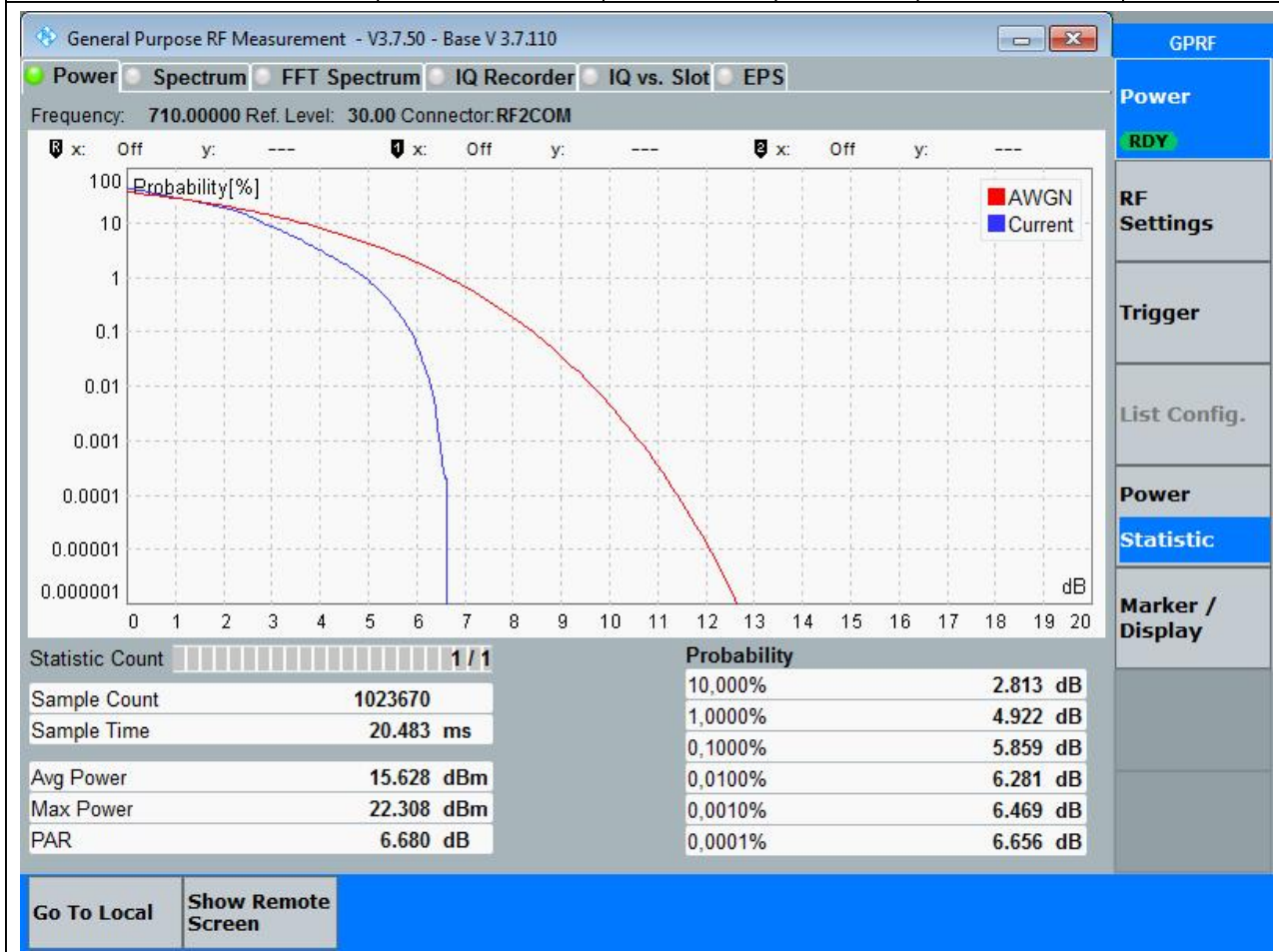
10.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23790, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	10	5.11	13	Pass



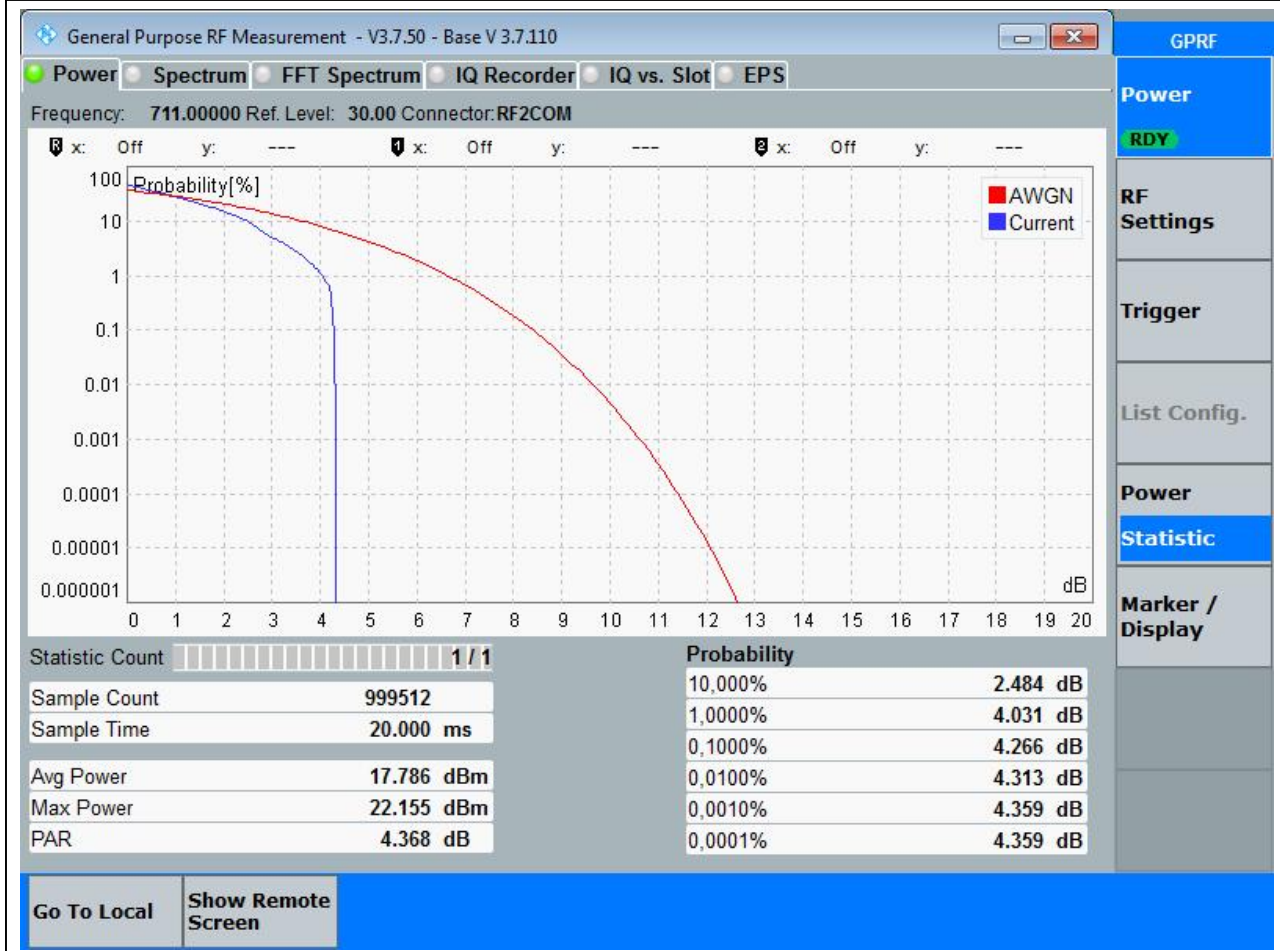
10.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23790, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
710	0.1	10	5.86	13	Pass

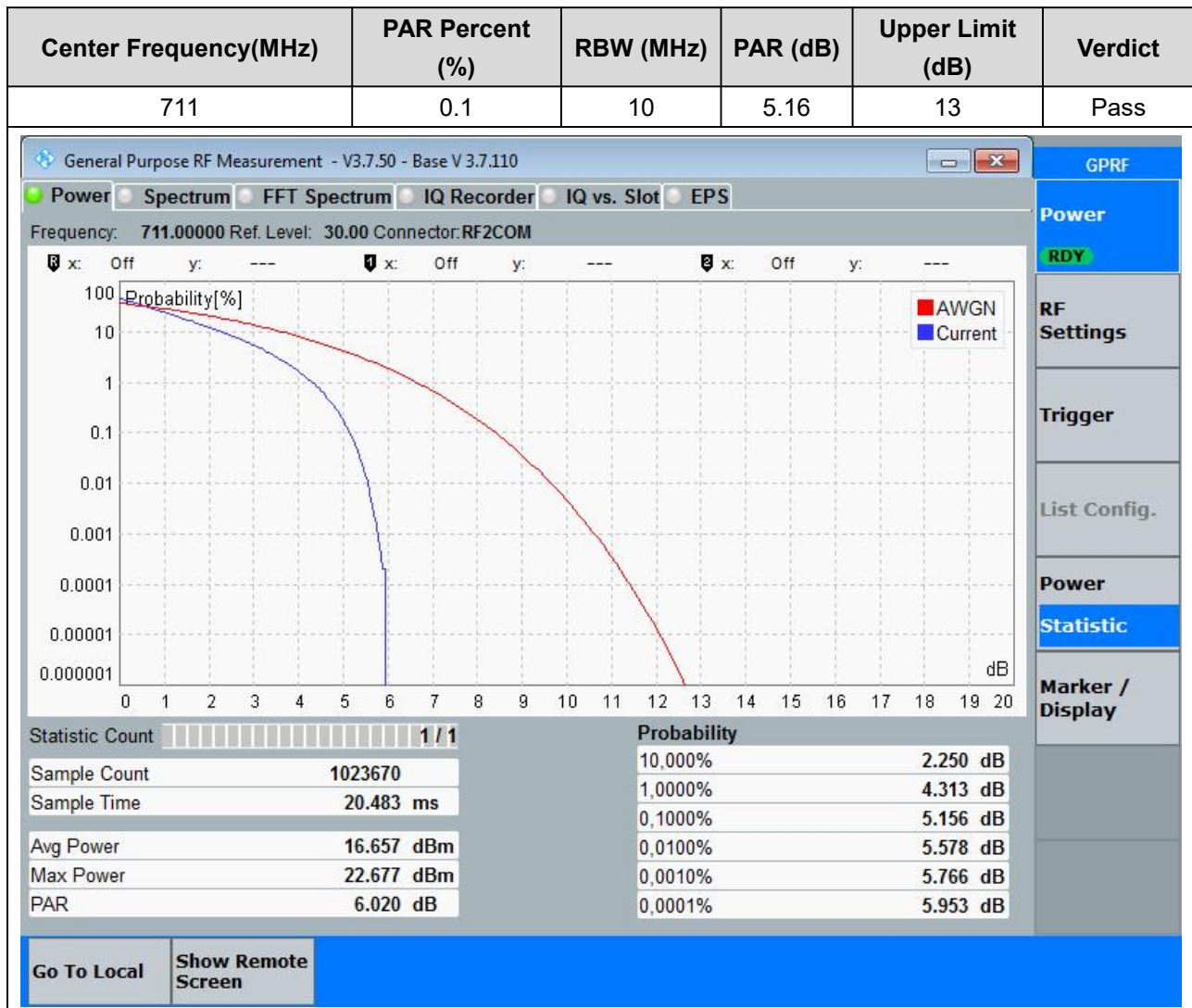


10.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

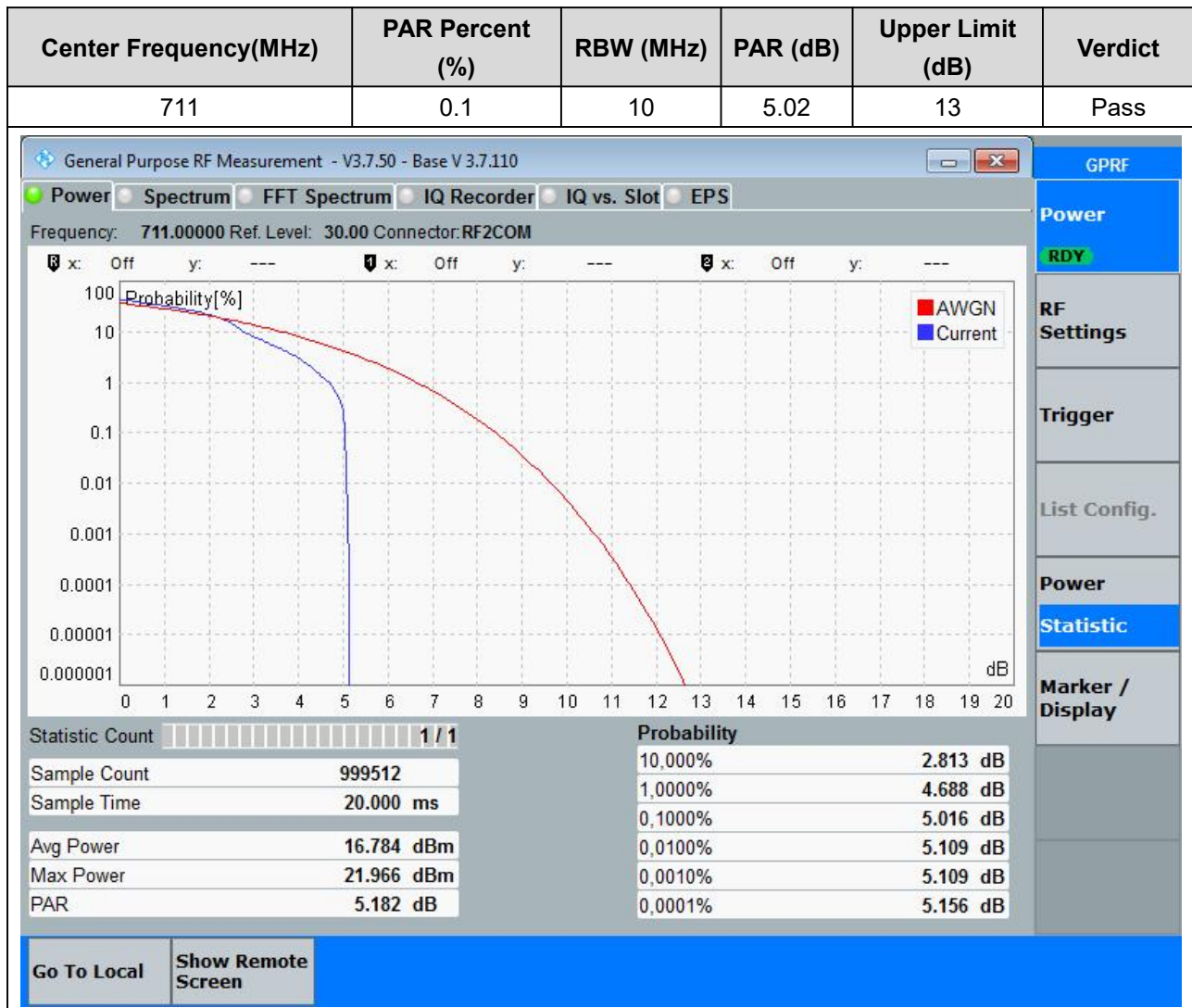
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	10	4.27	13	Pass



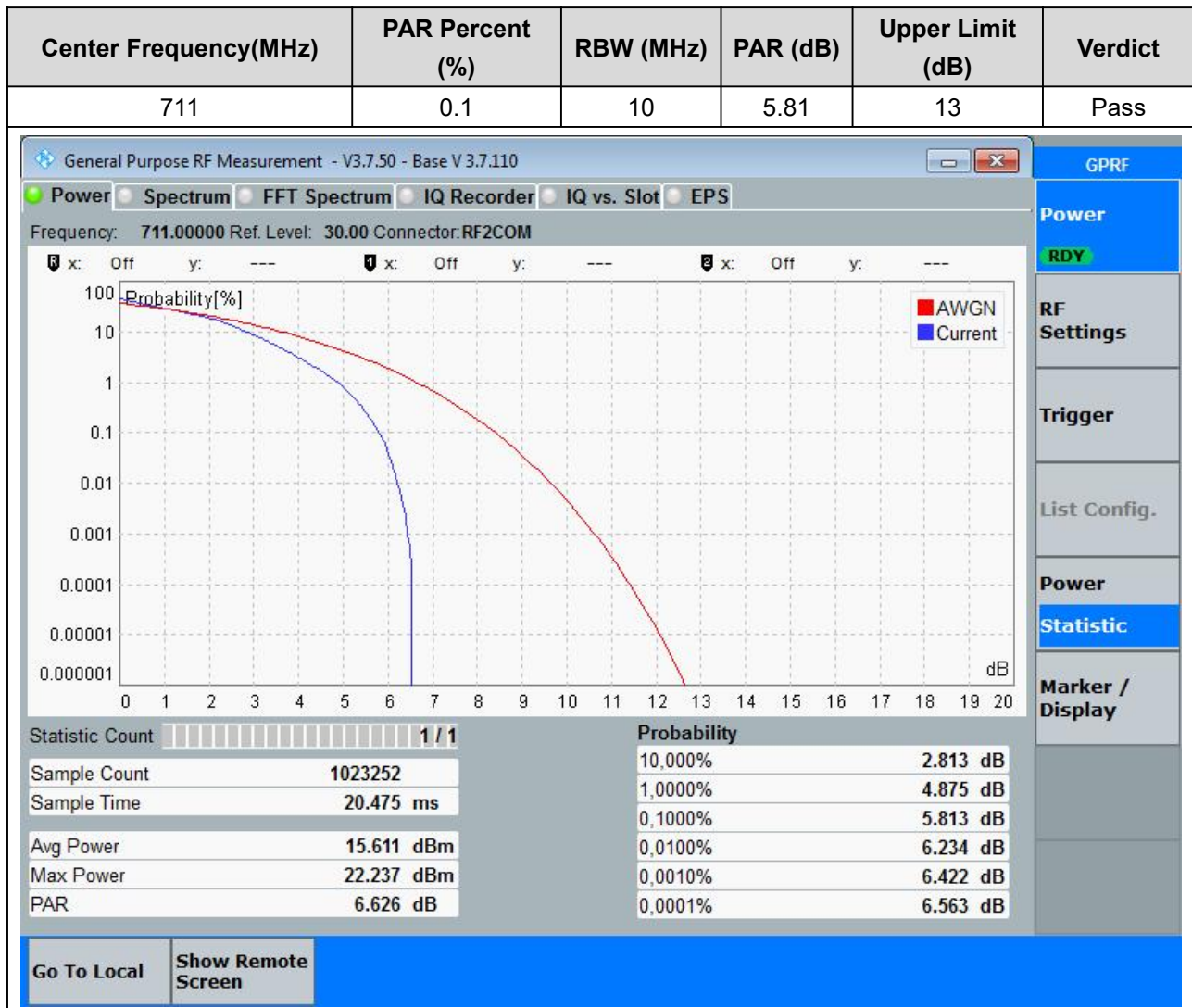
10.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



10.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23800, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

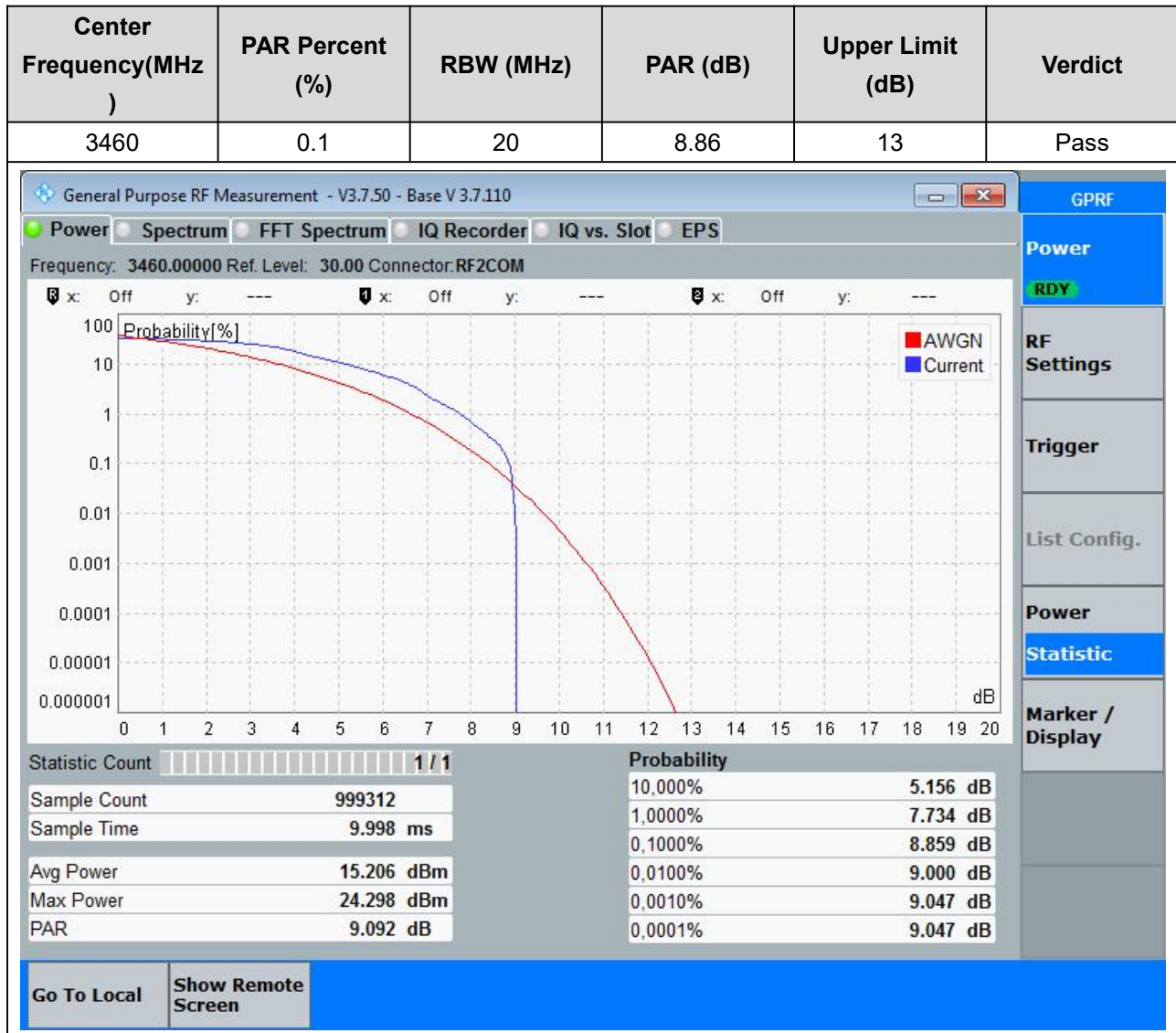


10.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:23800, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



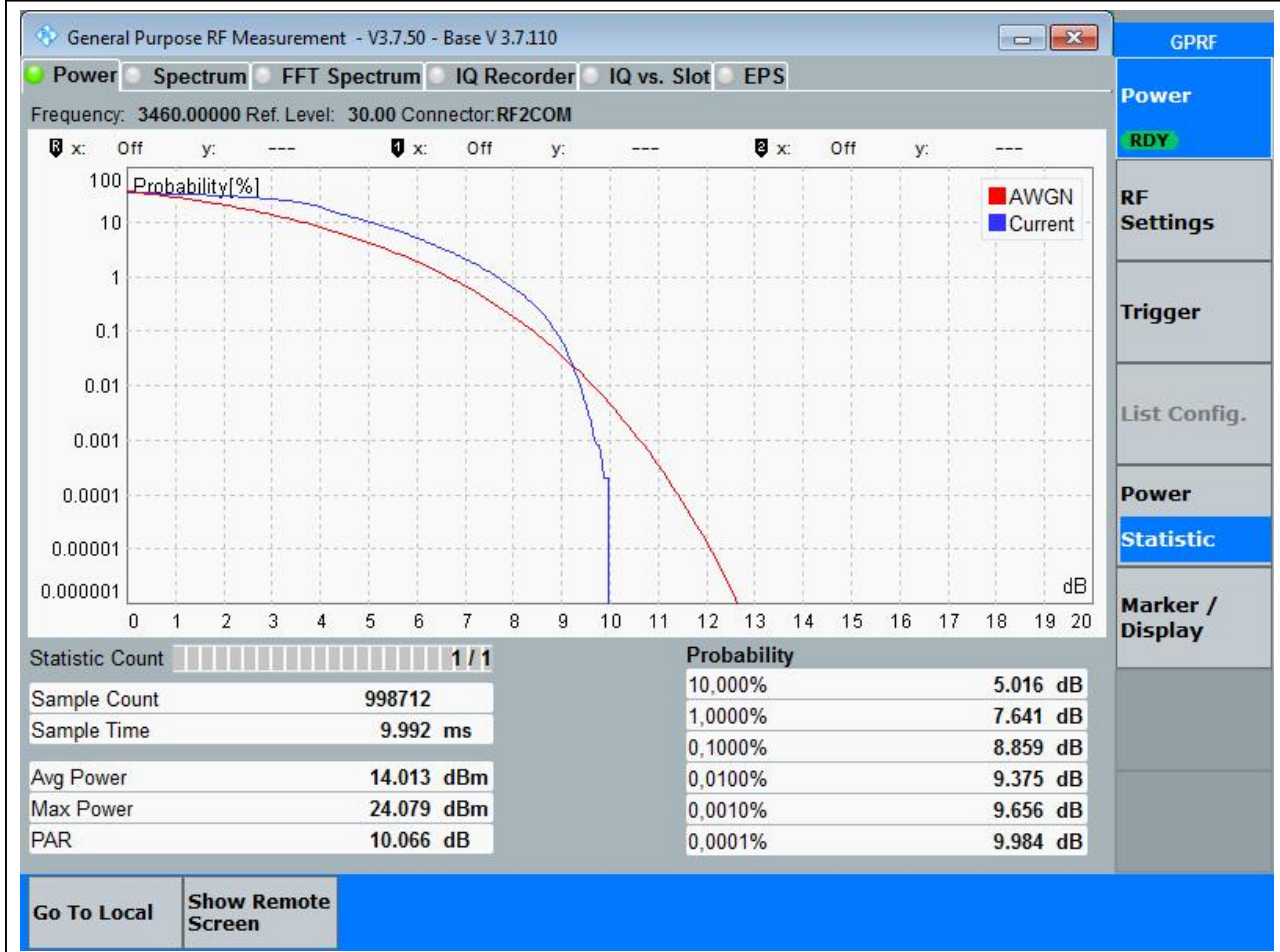
11. LTE_Band42 3450-3550

11.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42190, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)



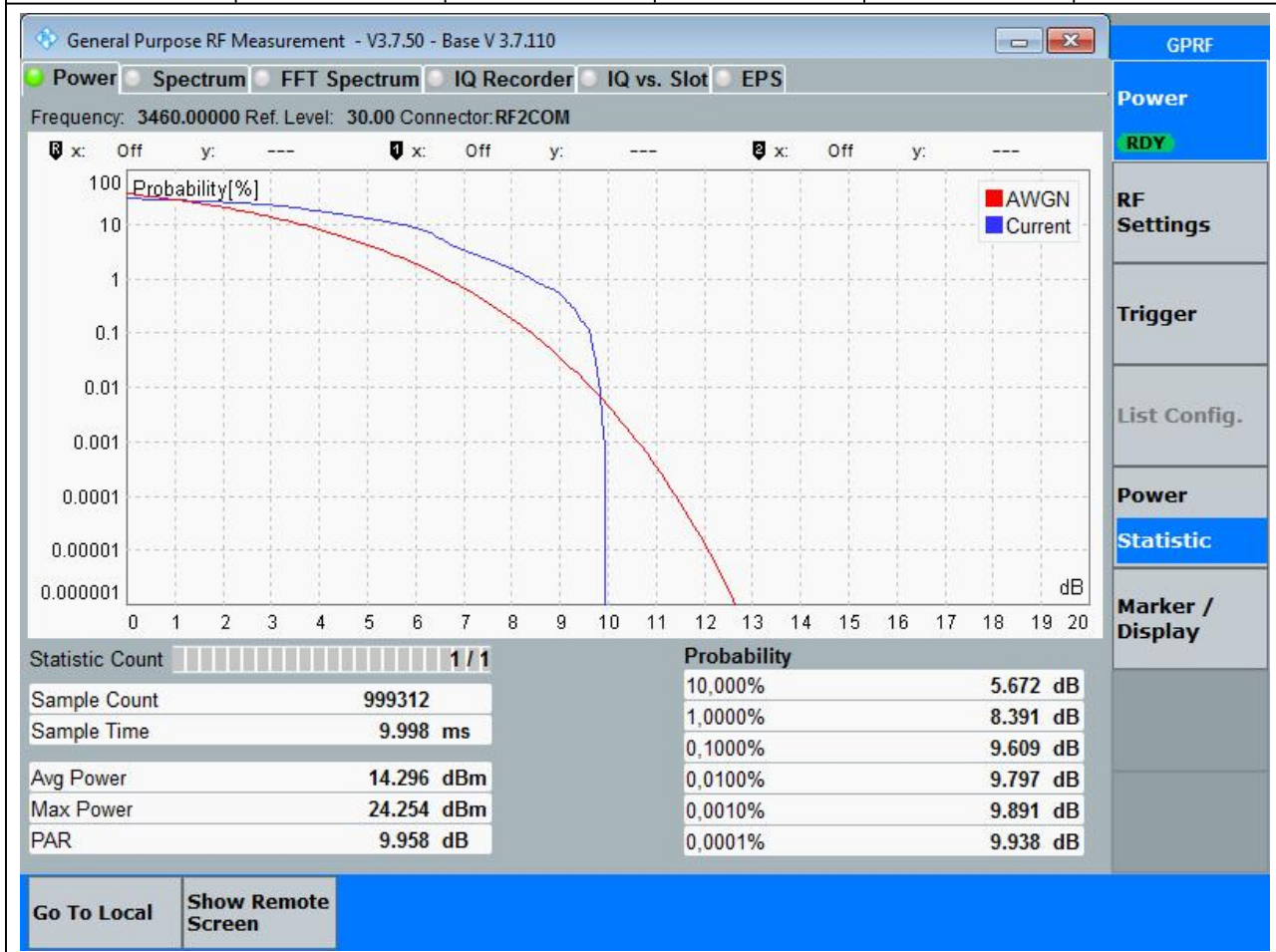
11.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42190, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3460	0.1	20	8.86	13	Pass



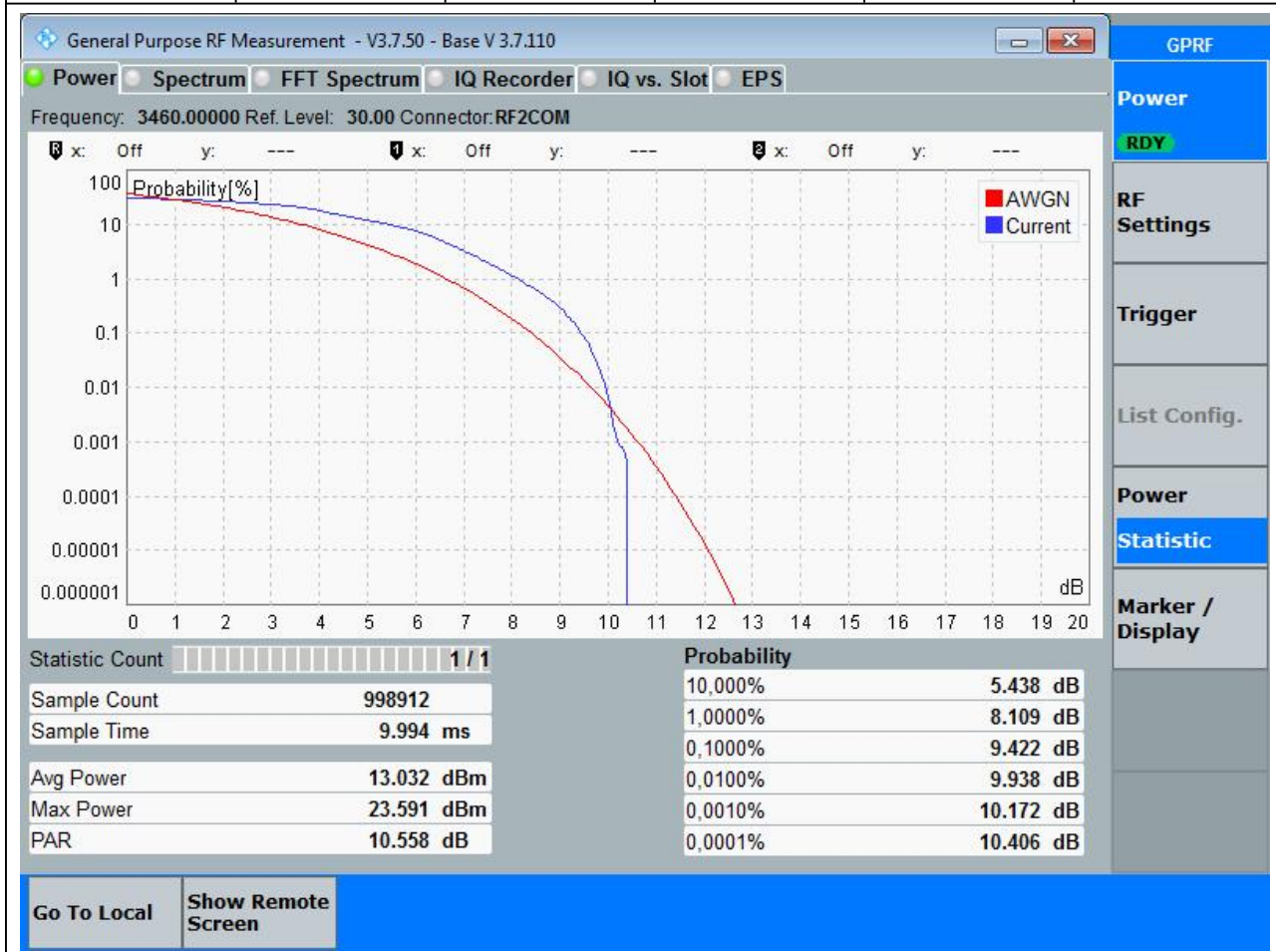
11.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42190, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3460	0.1	20	9.61	13	Pass



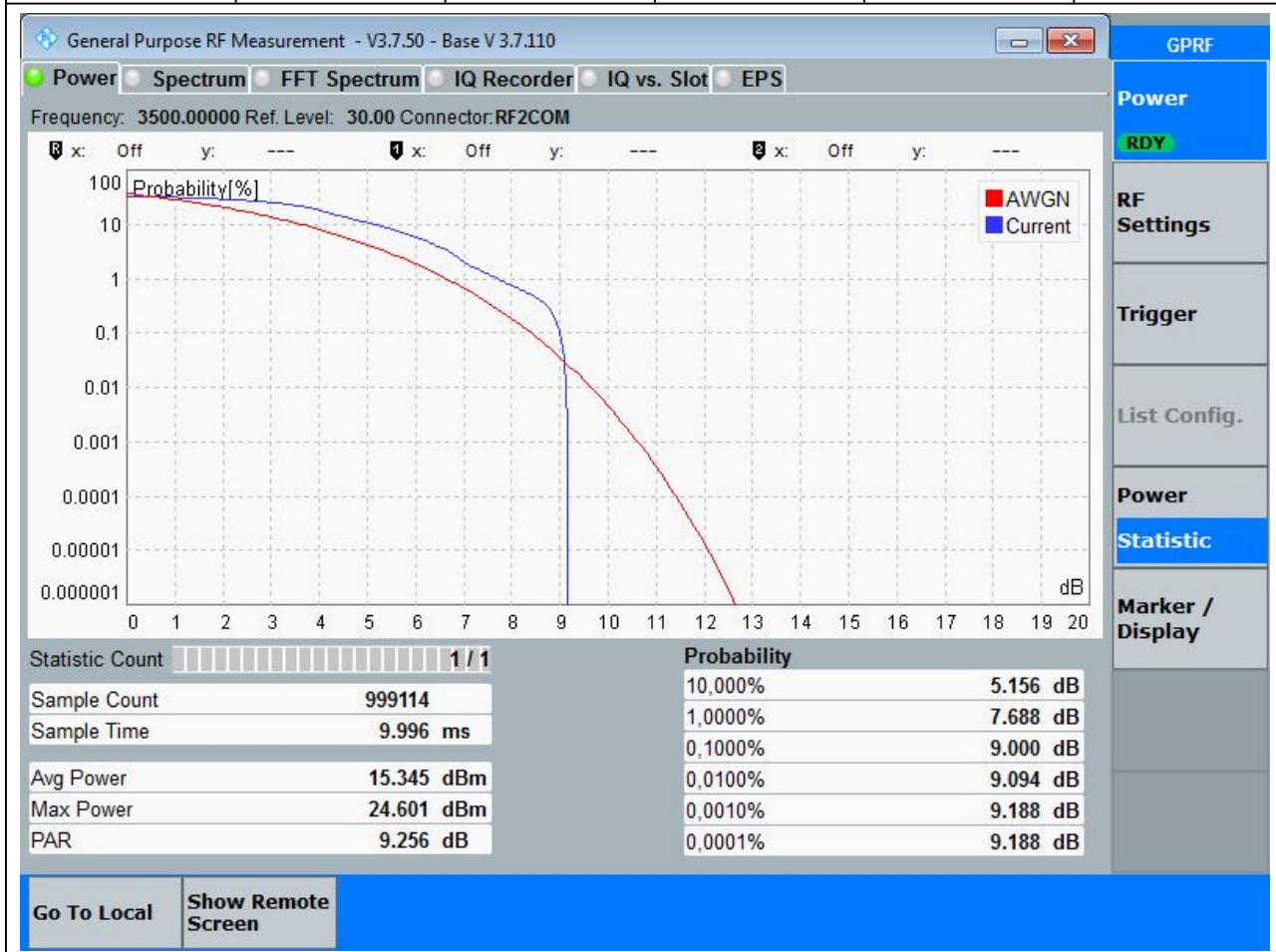
11.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42190, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3460	0.1	20	9.42	13	Pass



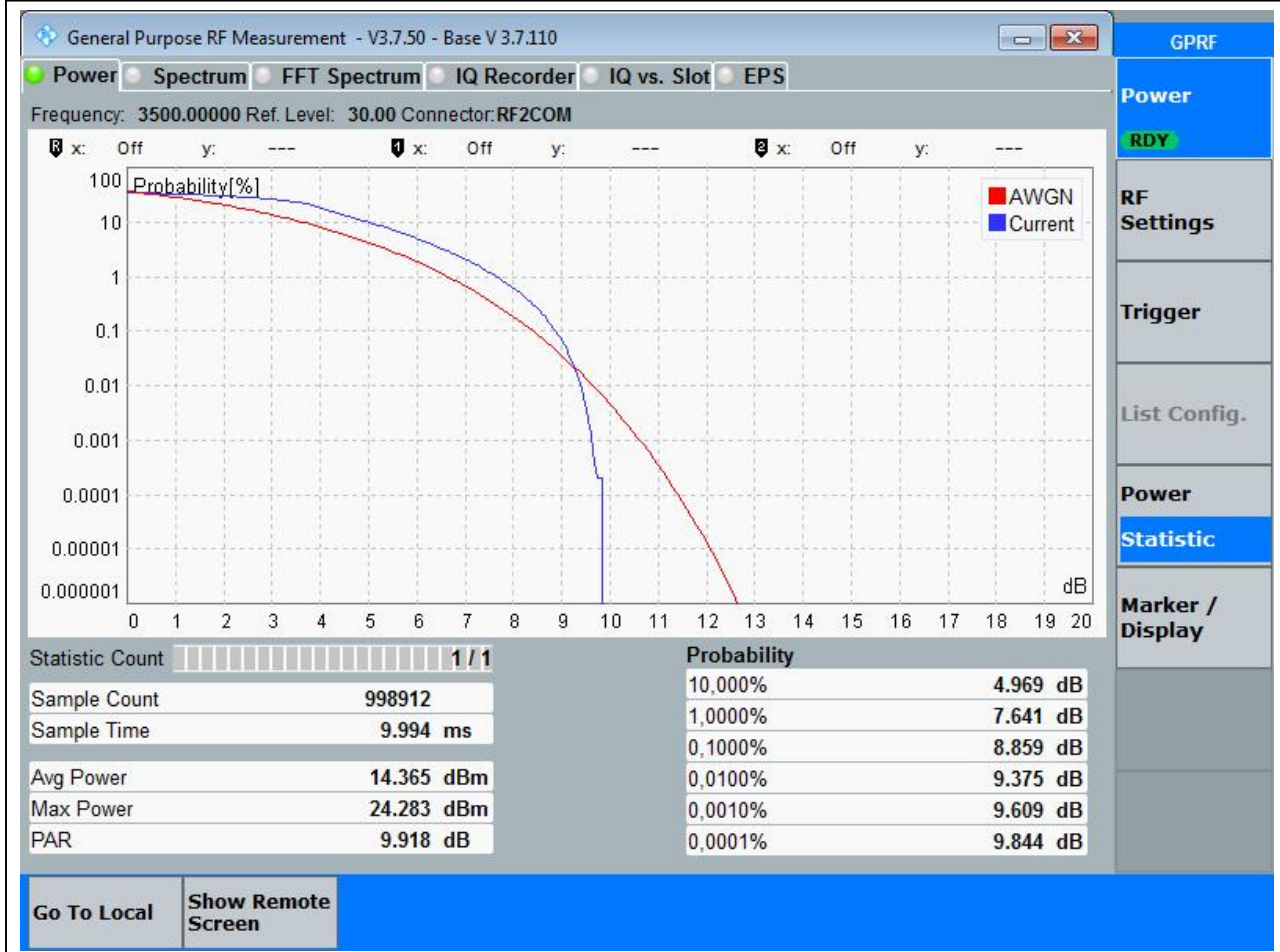
11.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42590, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3500	0.1	20	9	13	Pass



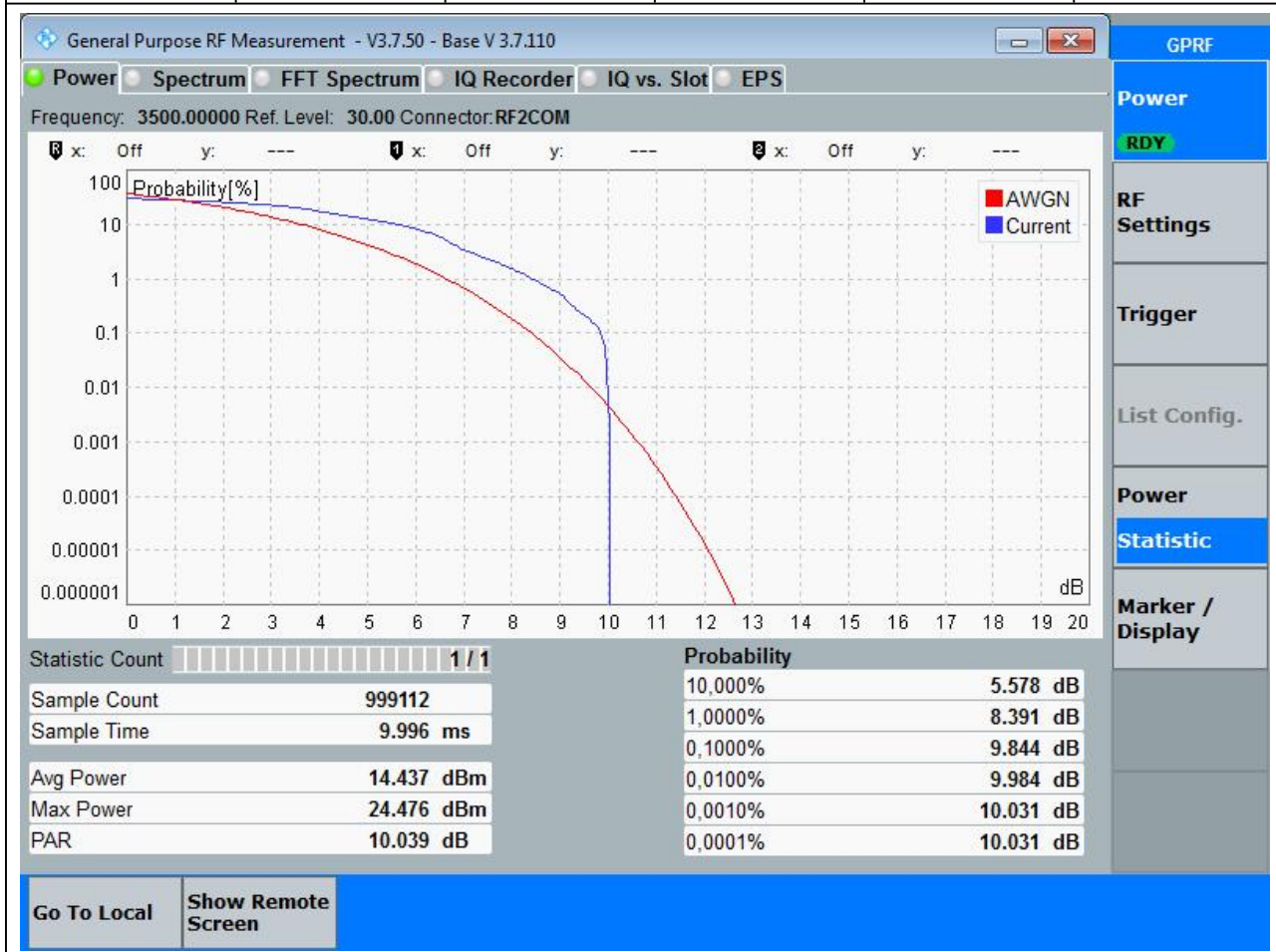
11.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42590, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3500	0.1	20	8.86	13	Pass



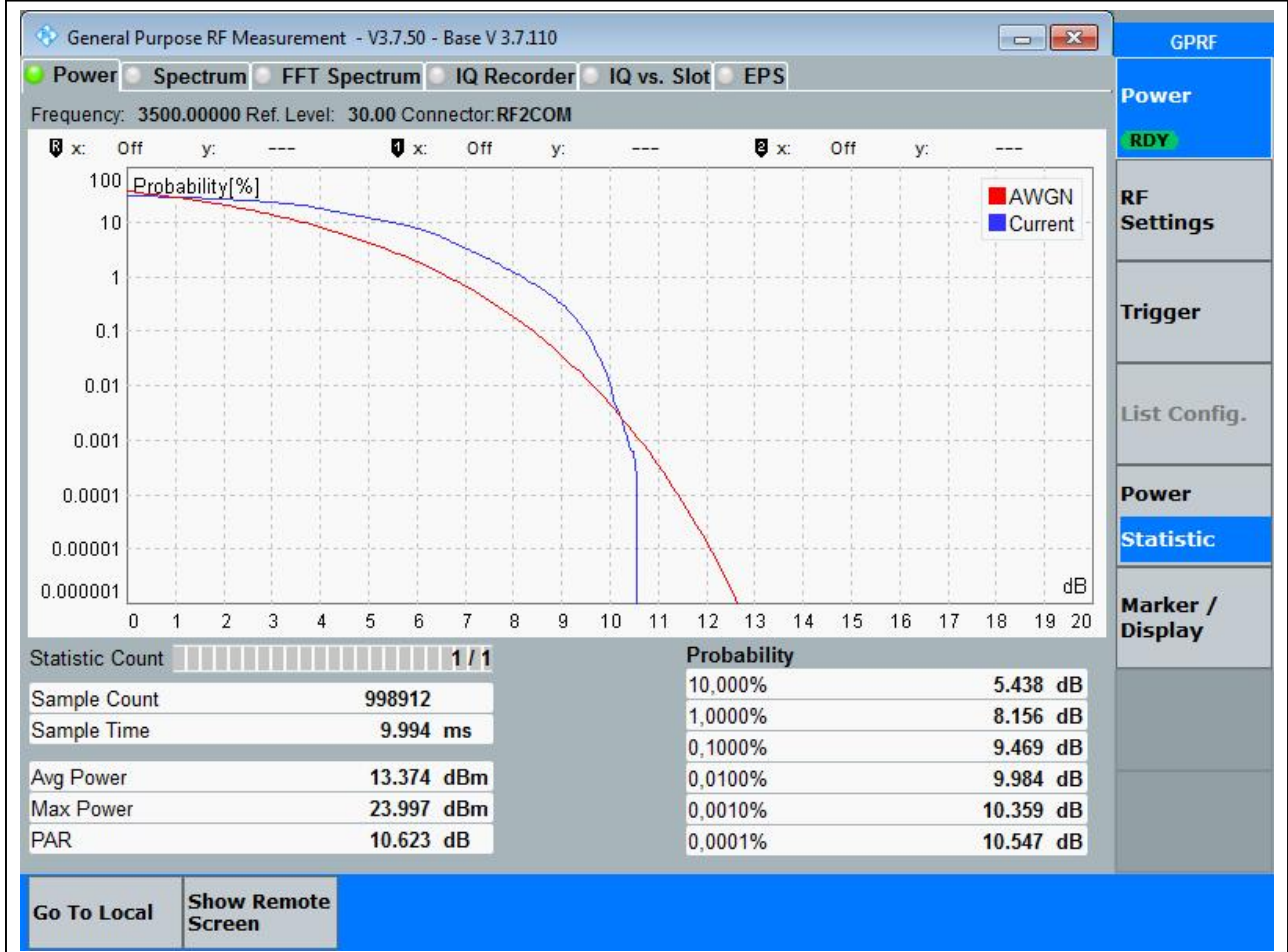
11.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42590, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3500	0.1	20	9.84	13	Pass



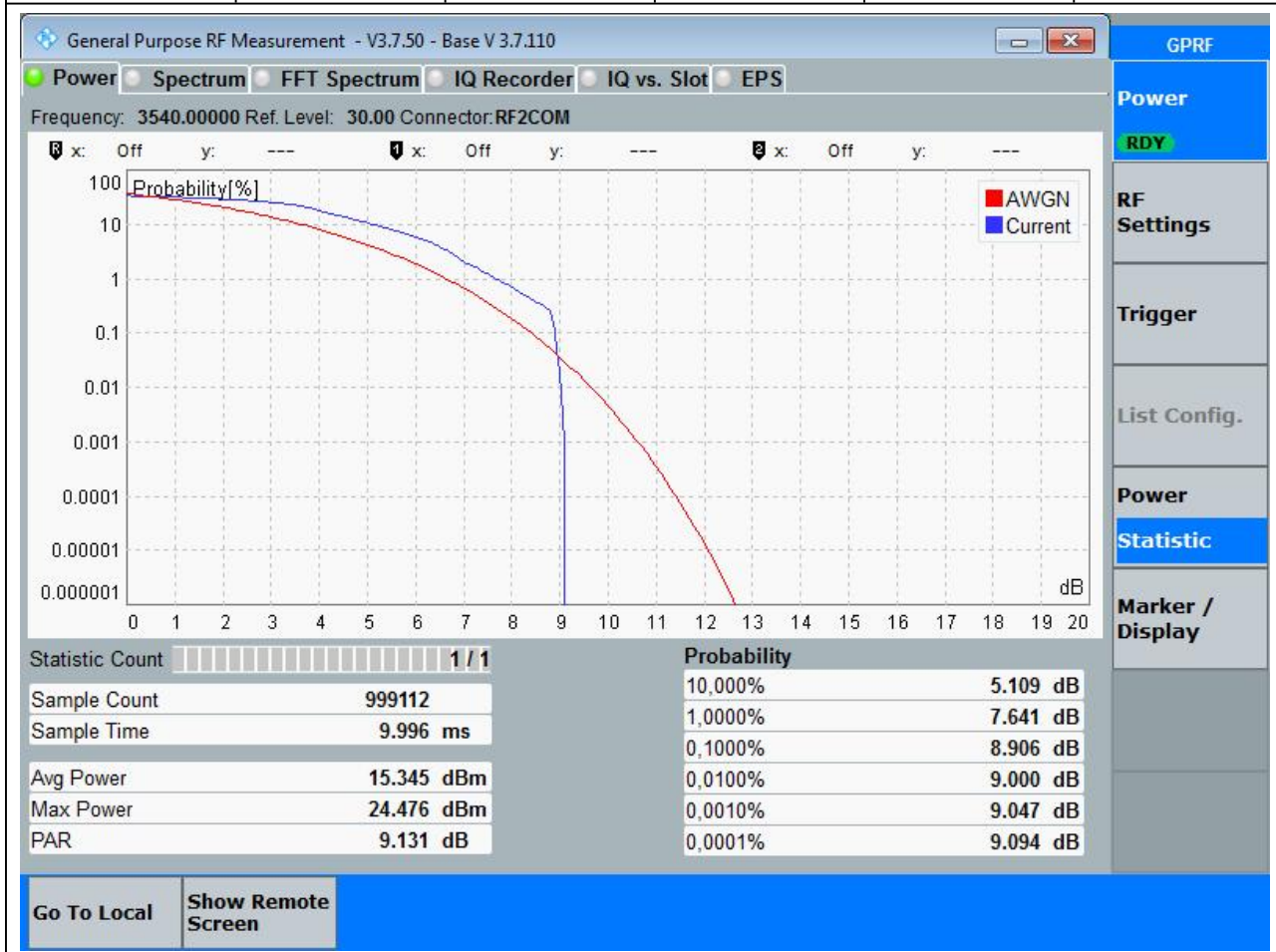
11.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42590, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3500	0.1	20	9.47	13	Pass



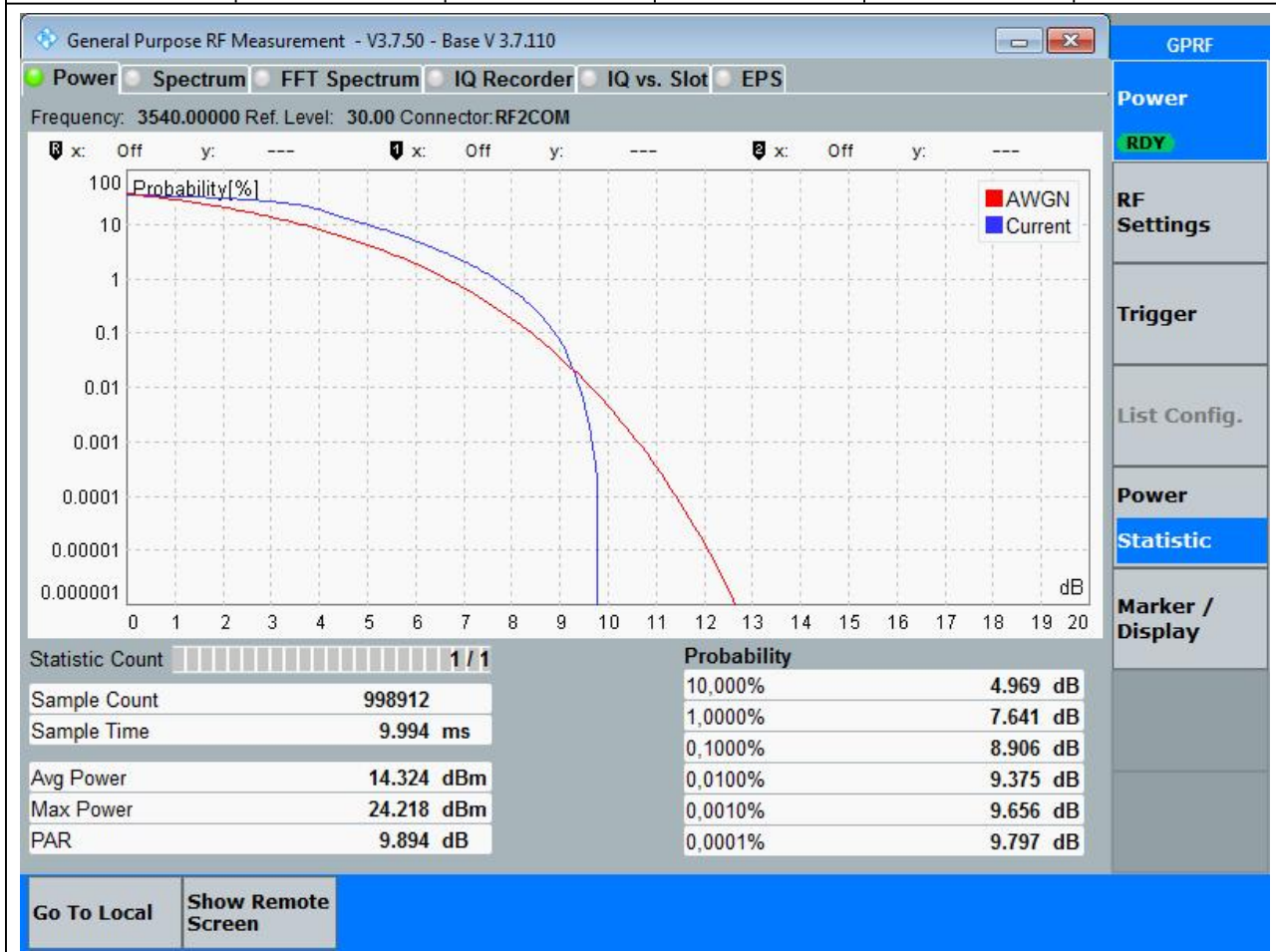
11.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42990, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3540	0.1	20	8.91	13	Pass



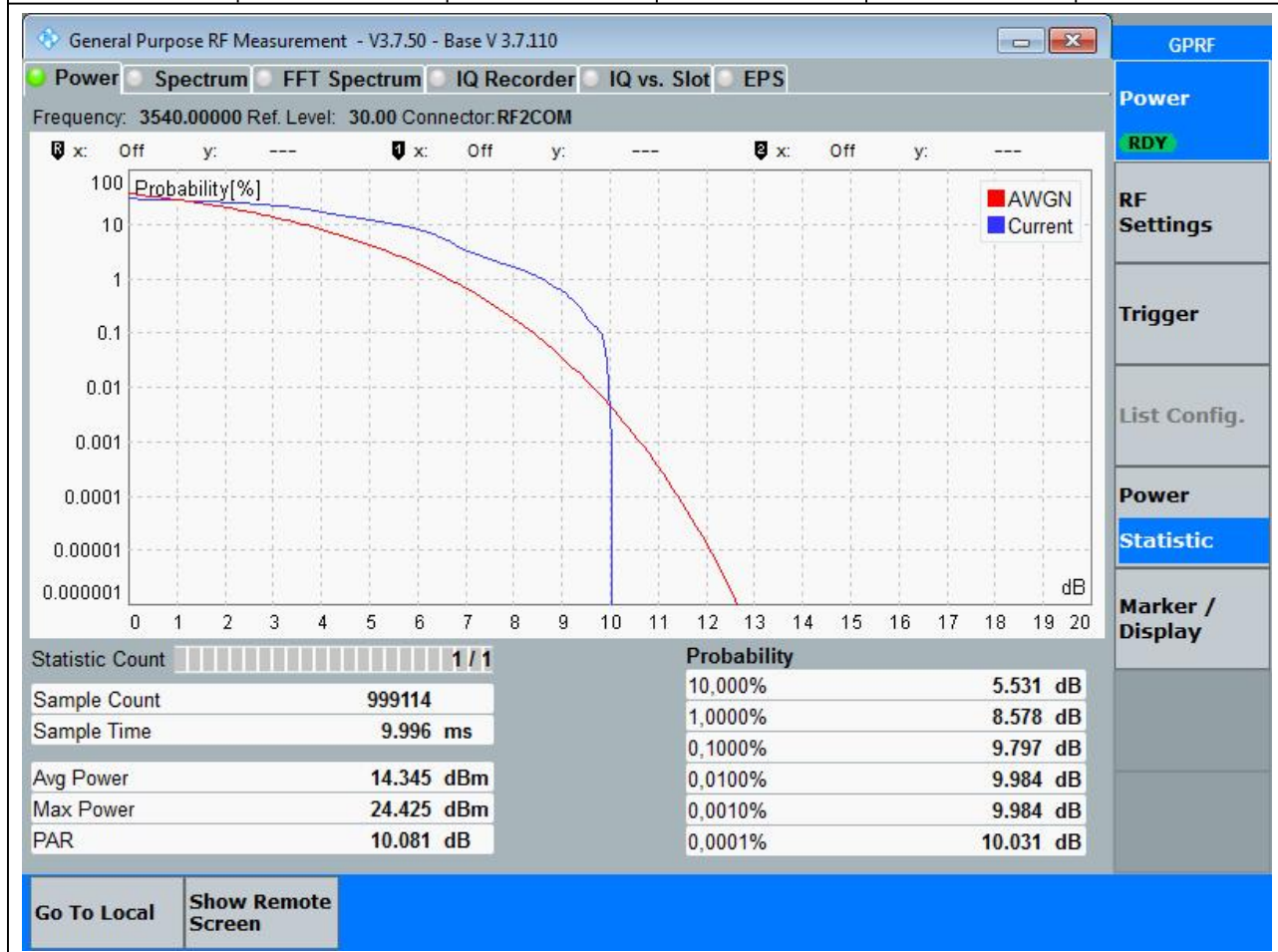
11.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42990, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3540	0.1	20	8.91	13	Pass



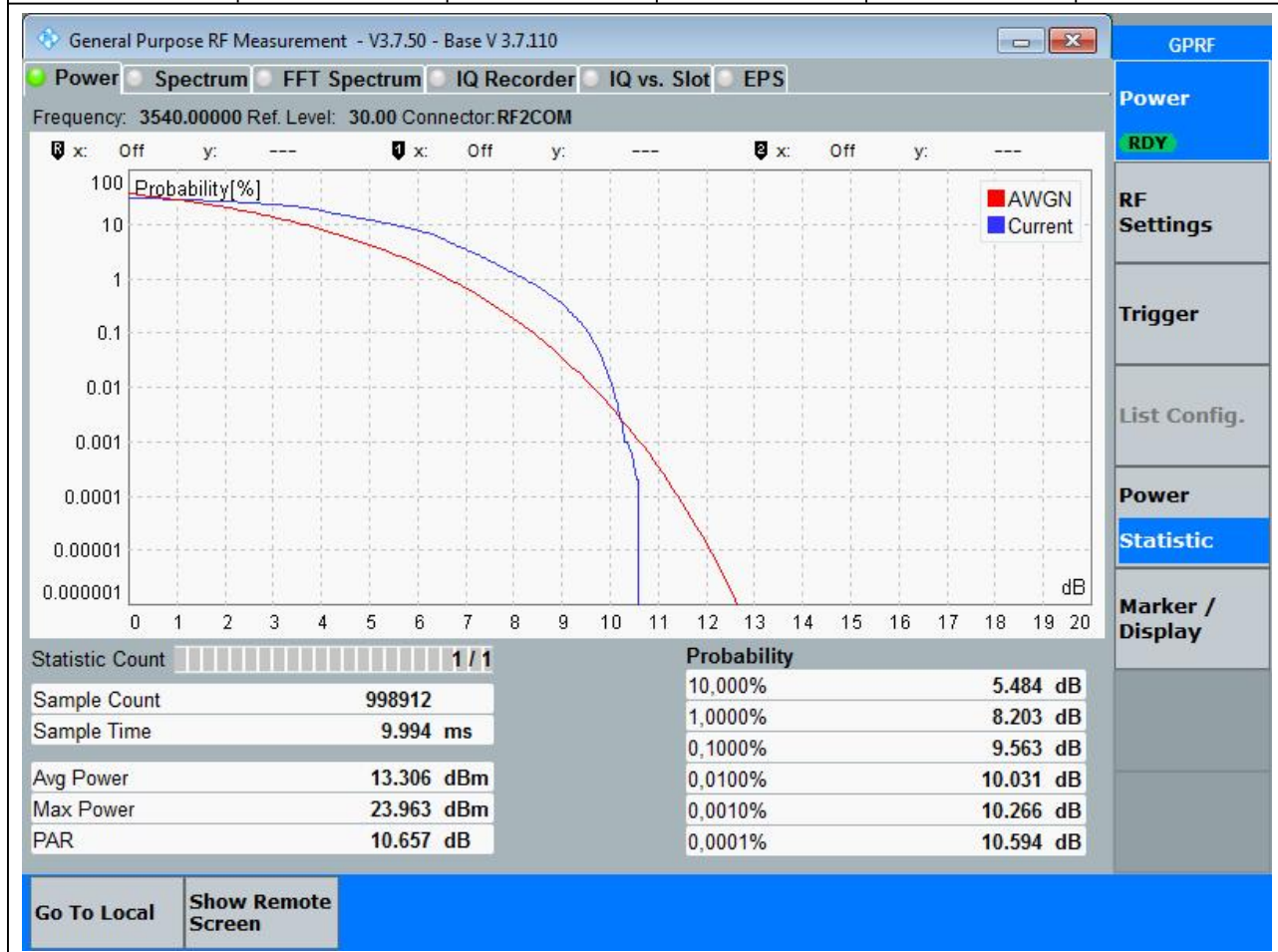
11.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42990, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3540	0.1	20	9.8	13	Pass



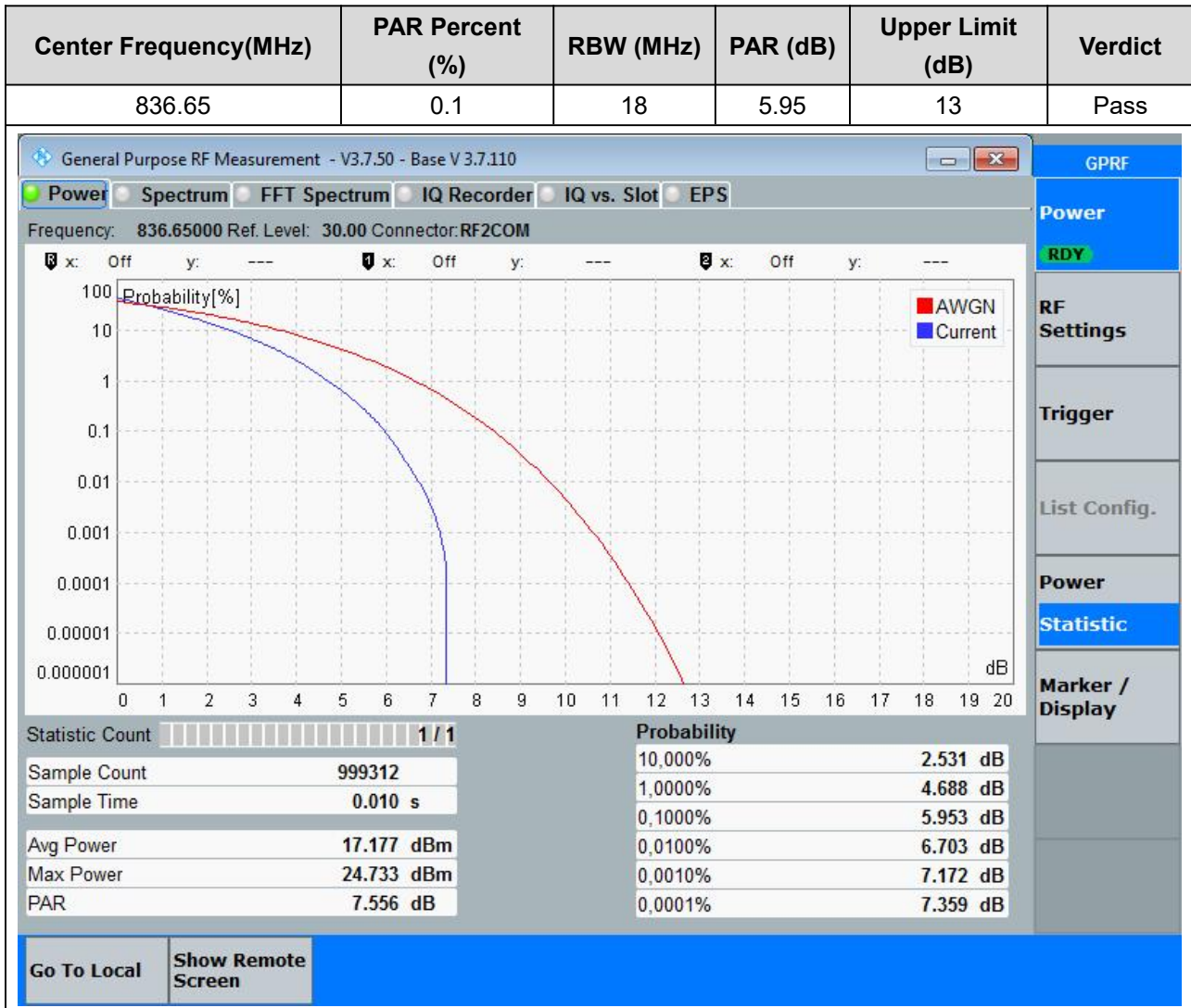
11.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:42990, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3540	0.1	20	9.56	13	Pass

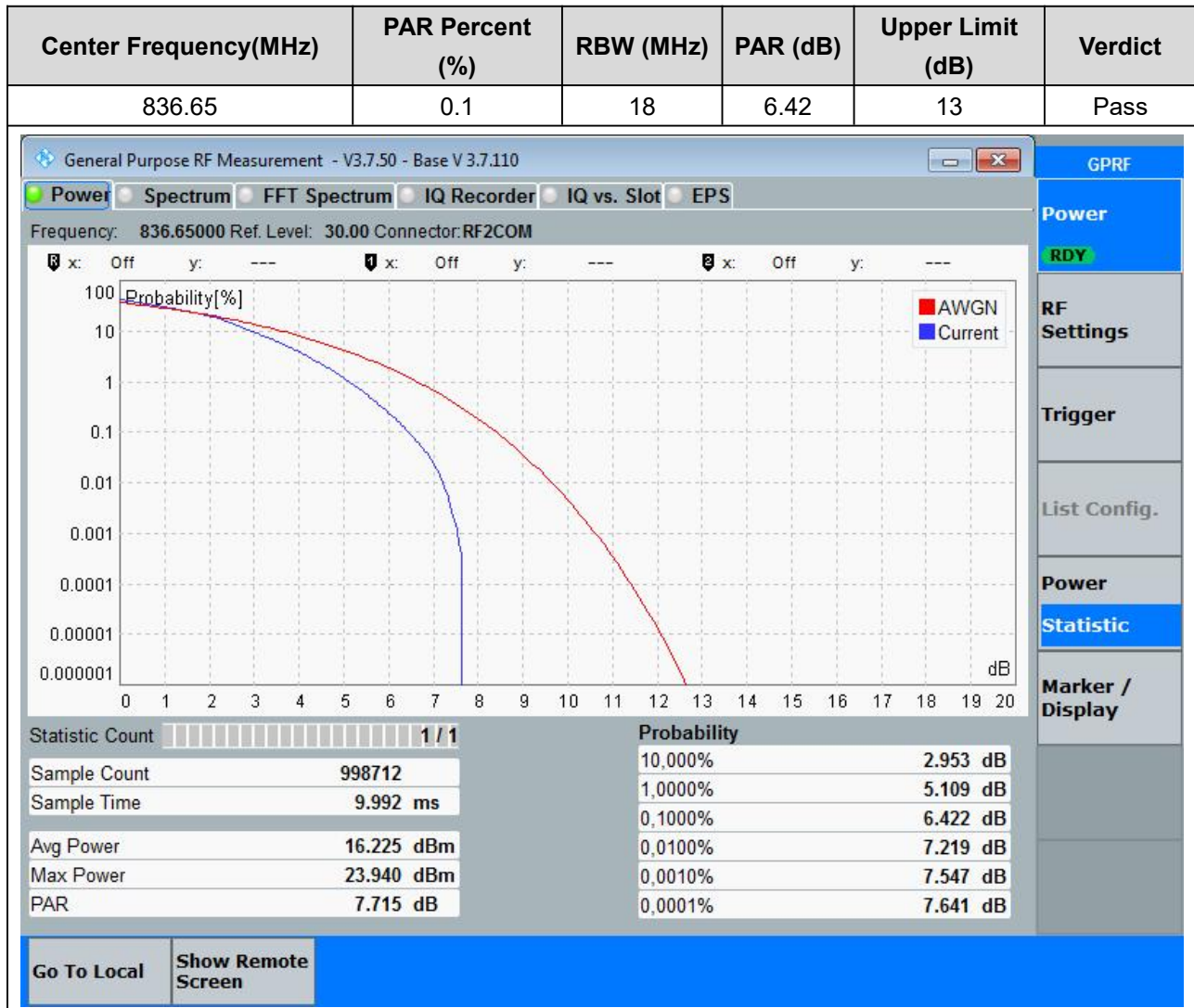


1. CA_5B

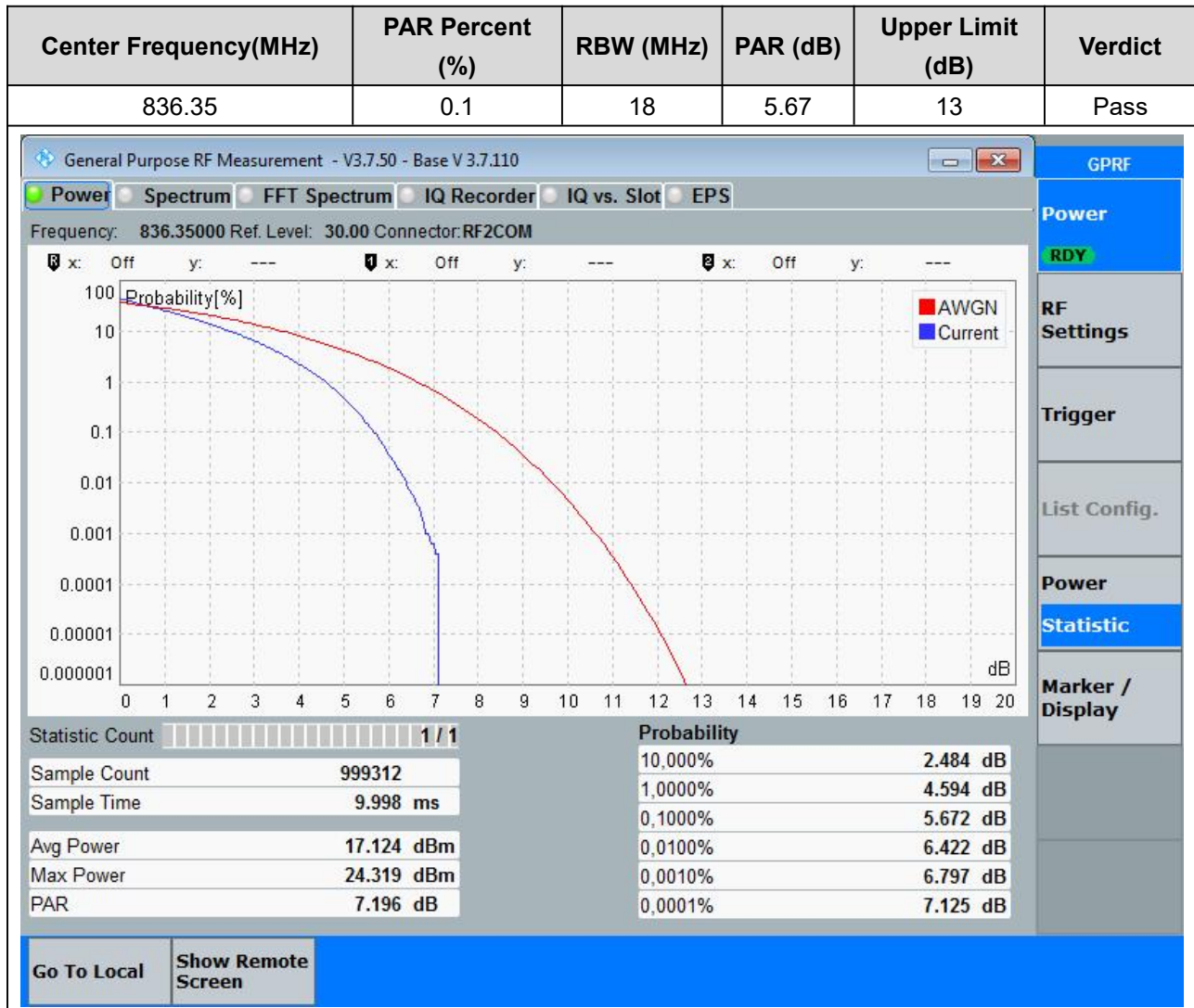
1.1 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



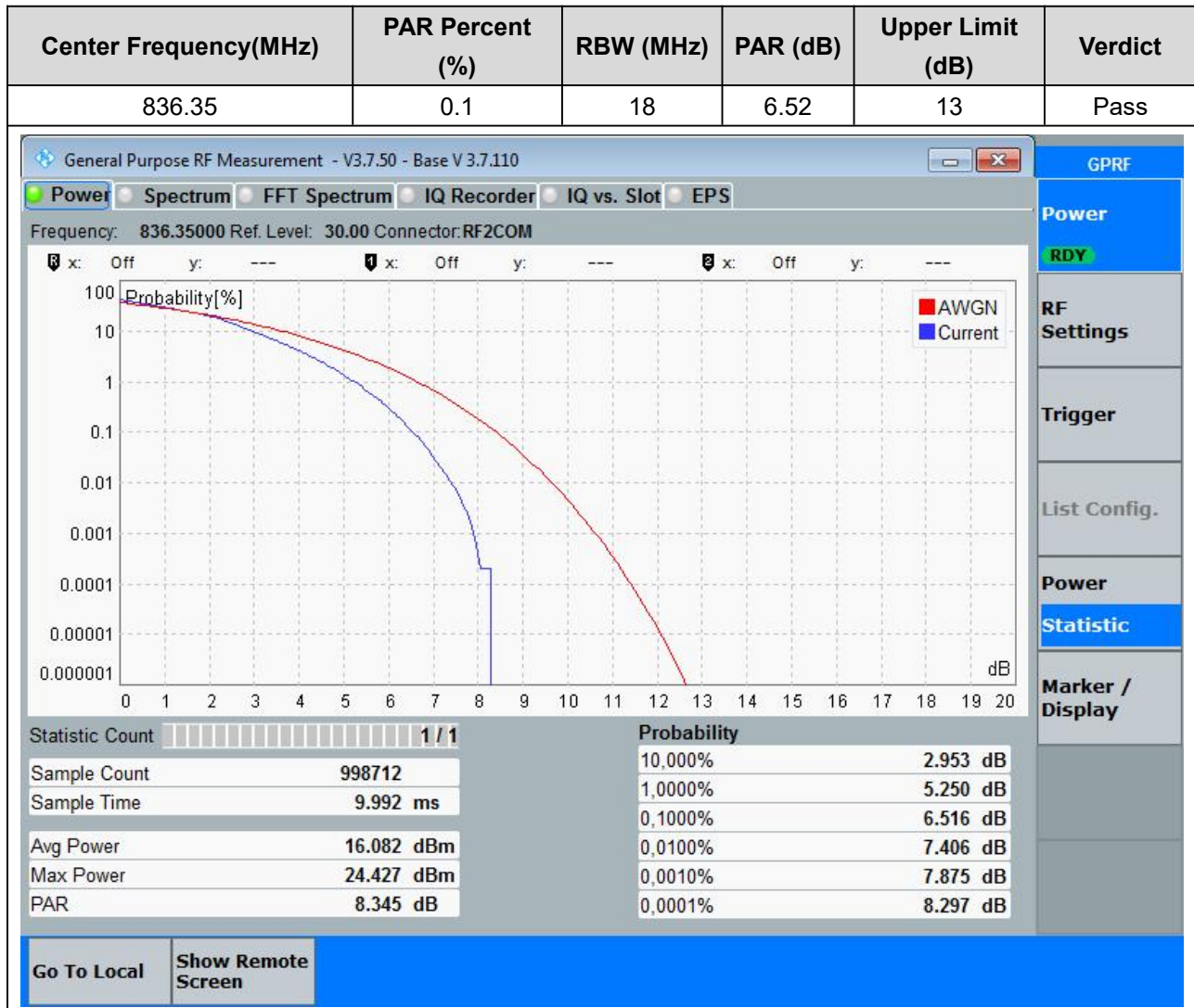
**1.2 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



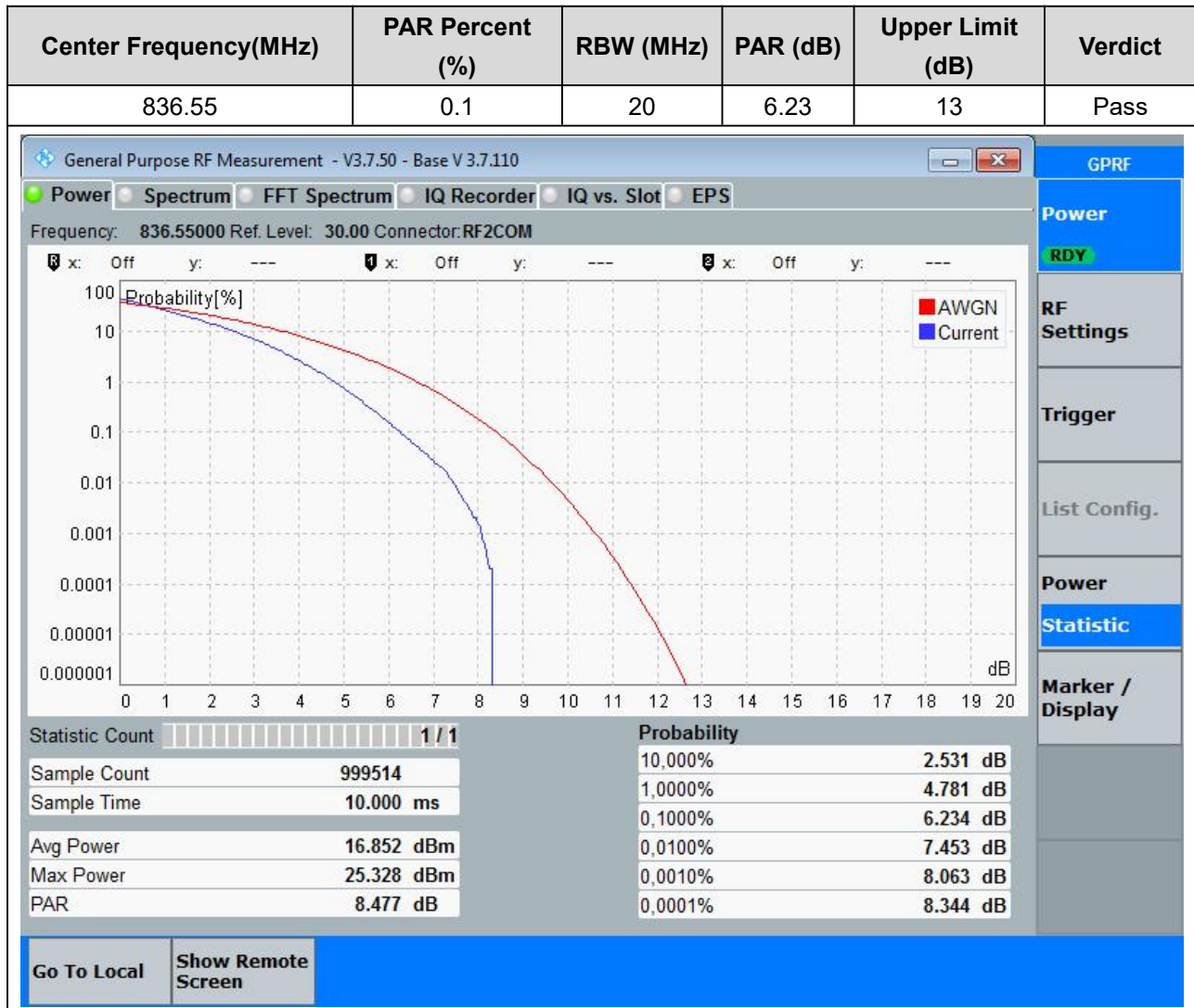
**1.3 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3,
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



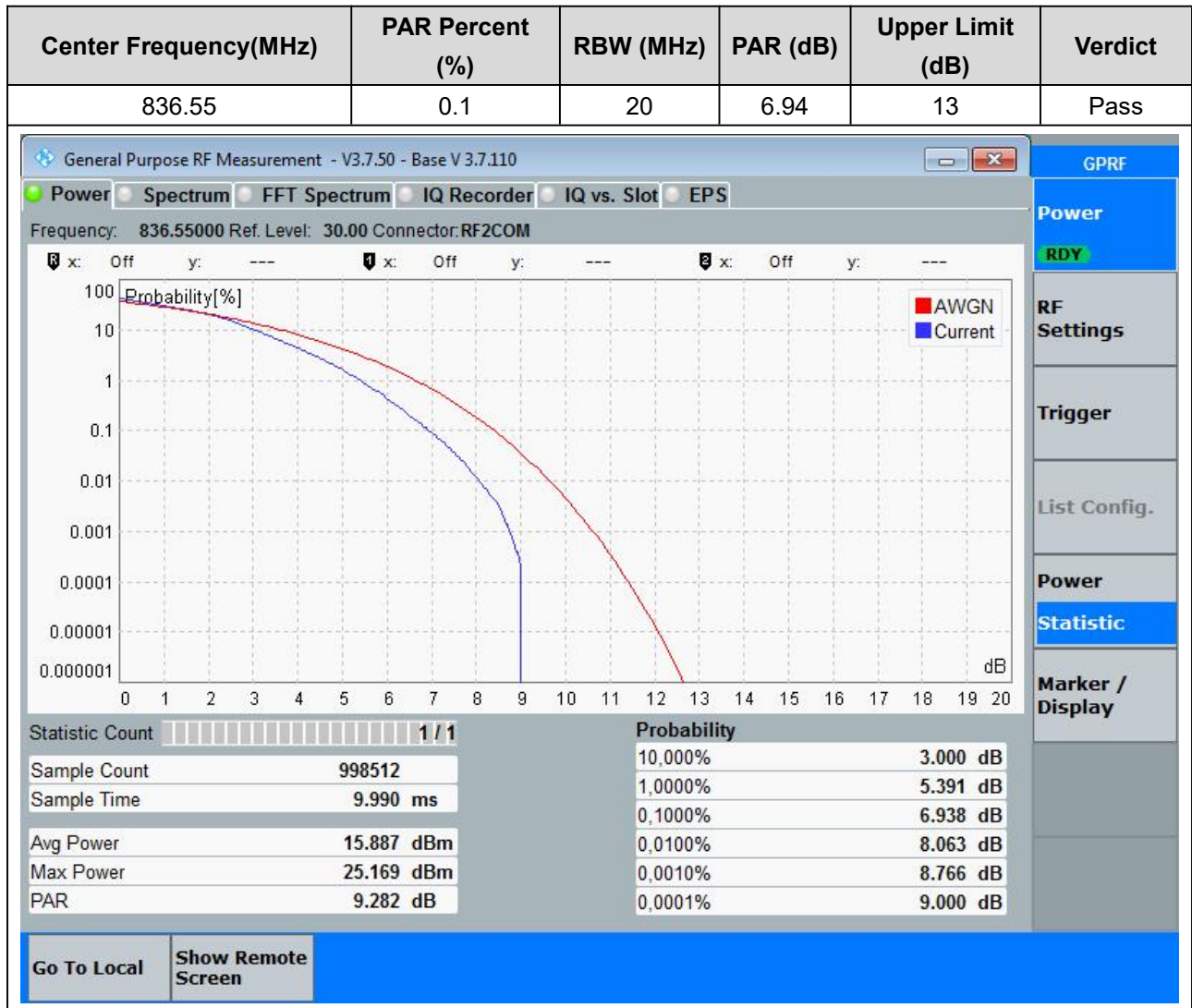
**1.4 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



**1.5 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1,
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

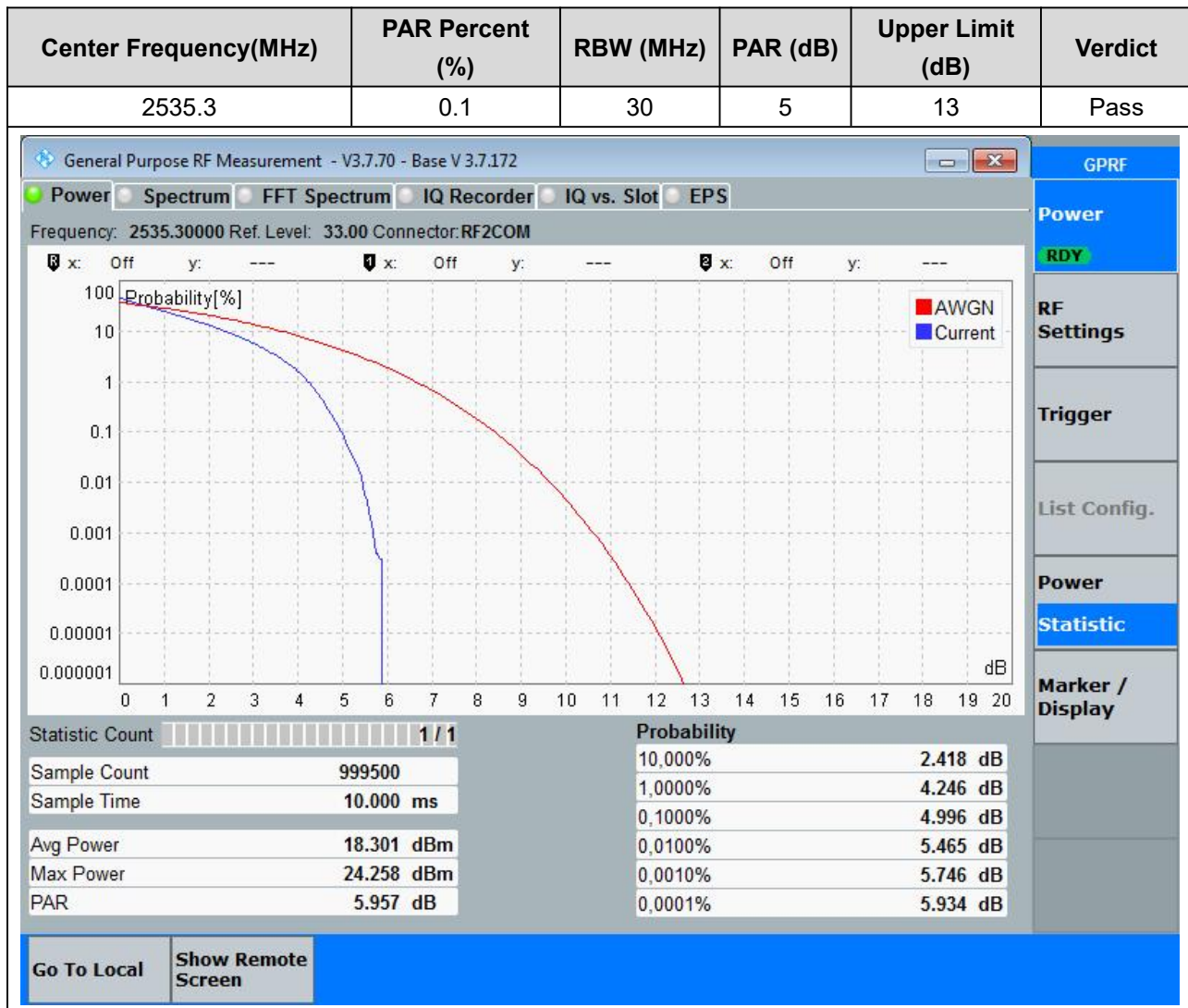


**1.6 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



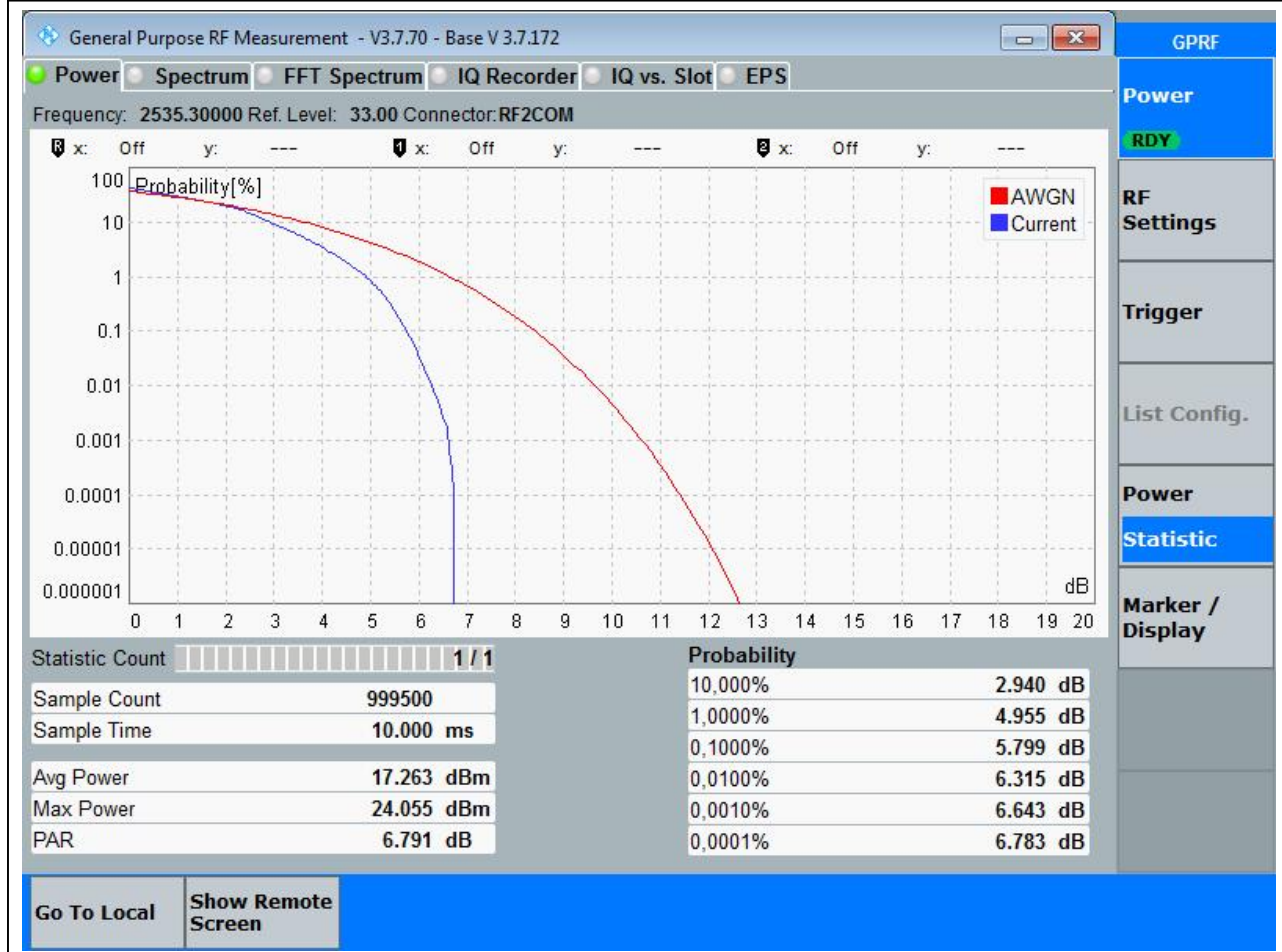
2. CA_7C

**2.1 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)**

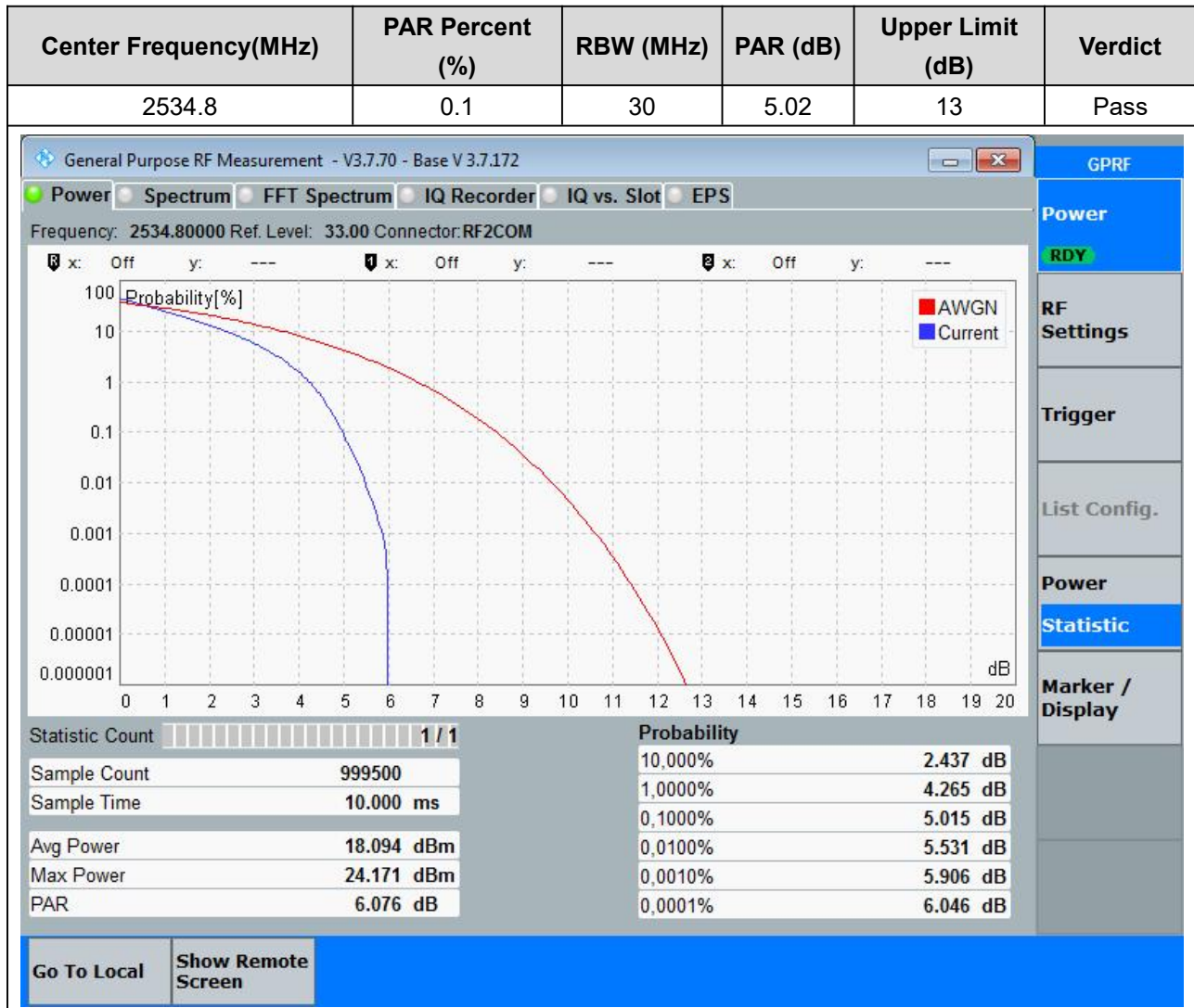


**2.2 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2535.3	0.1	30	5.8	13	Pass

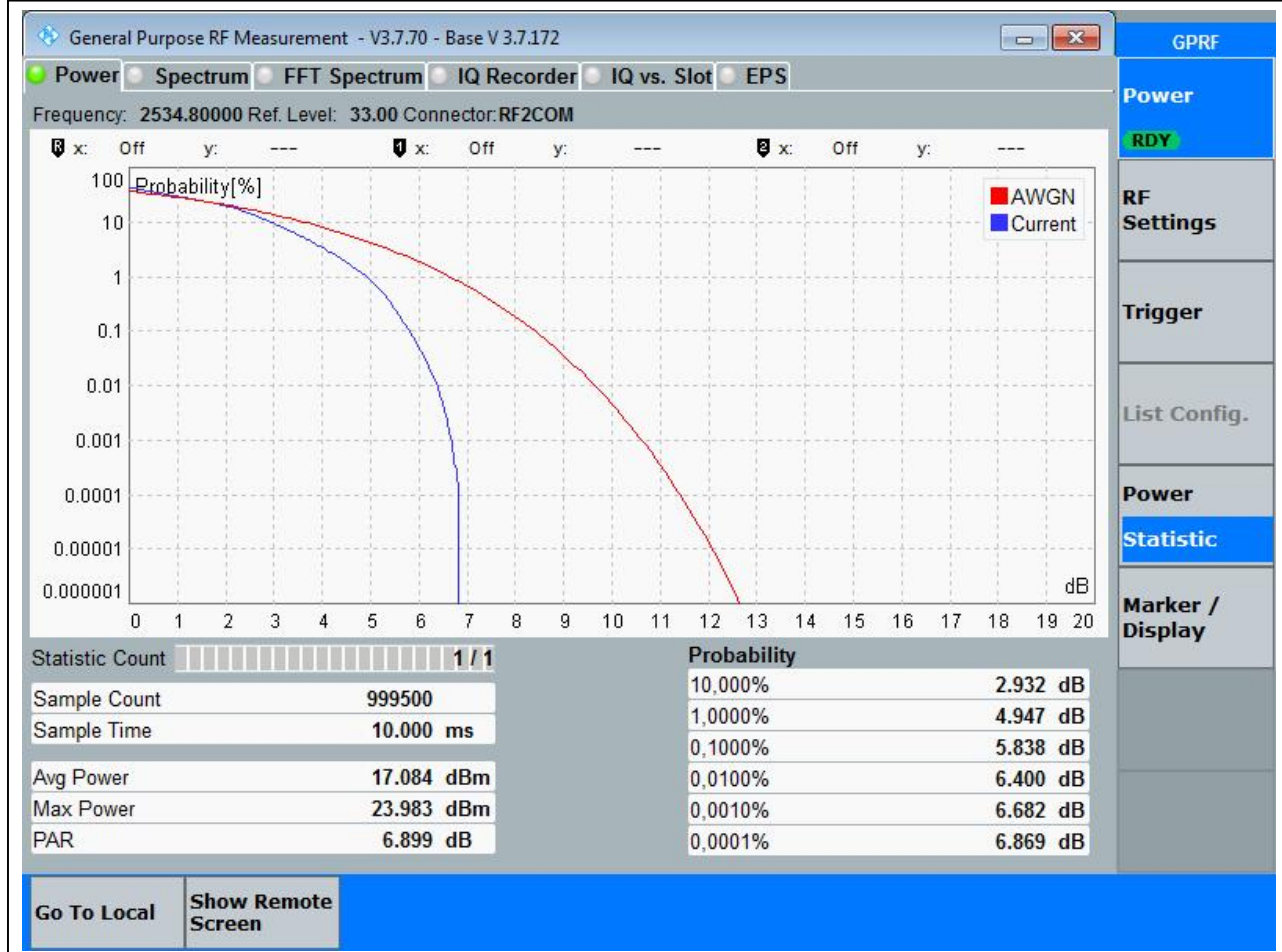


**2.3 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



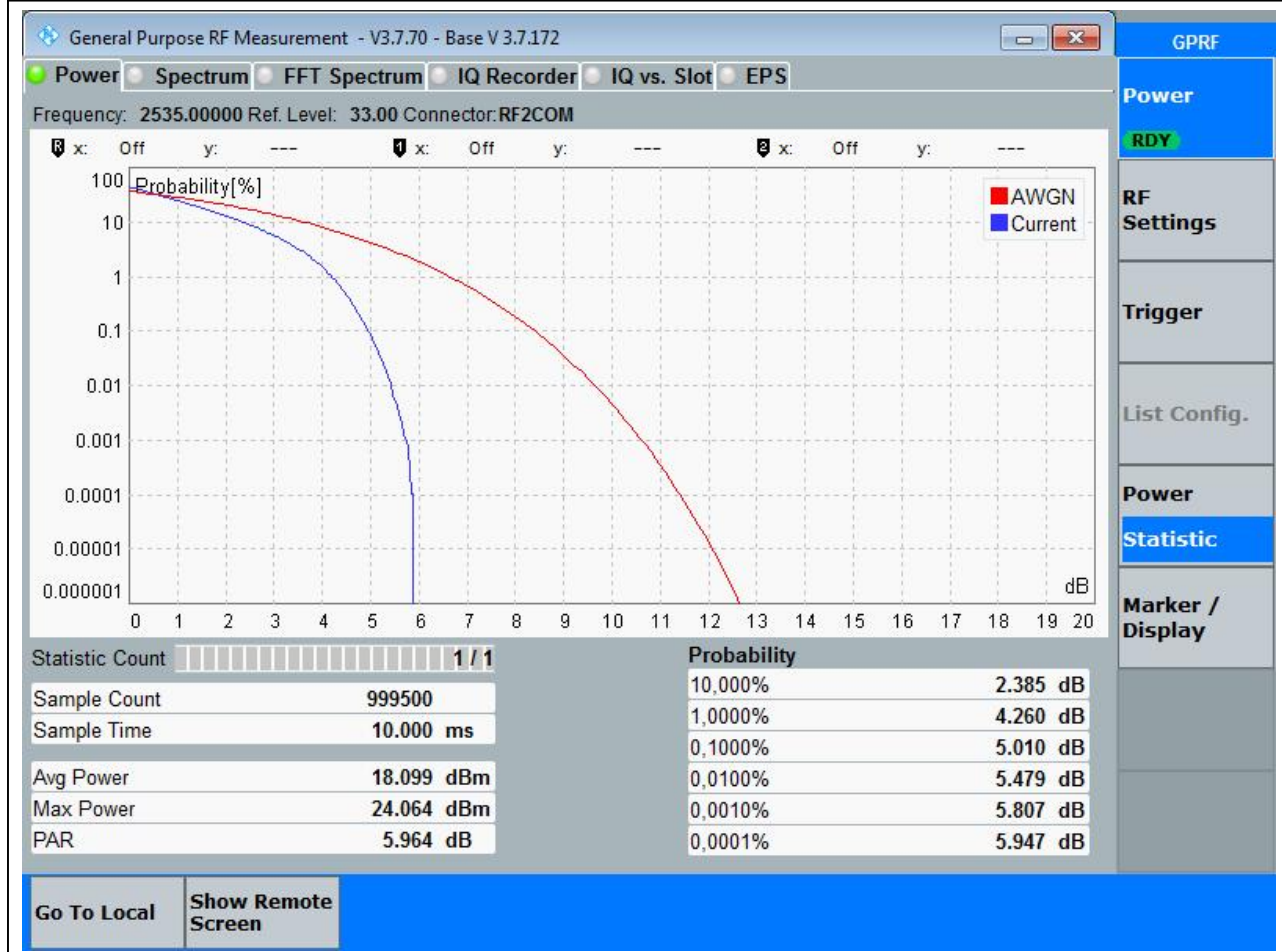
**2.4 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2534.8	0.1	30	5.84	13	Pass



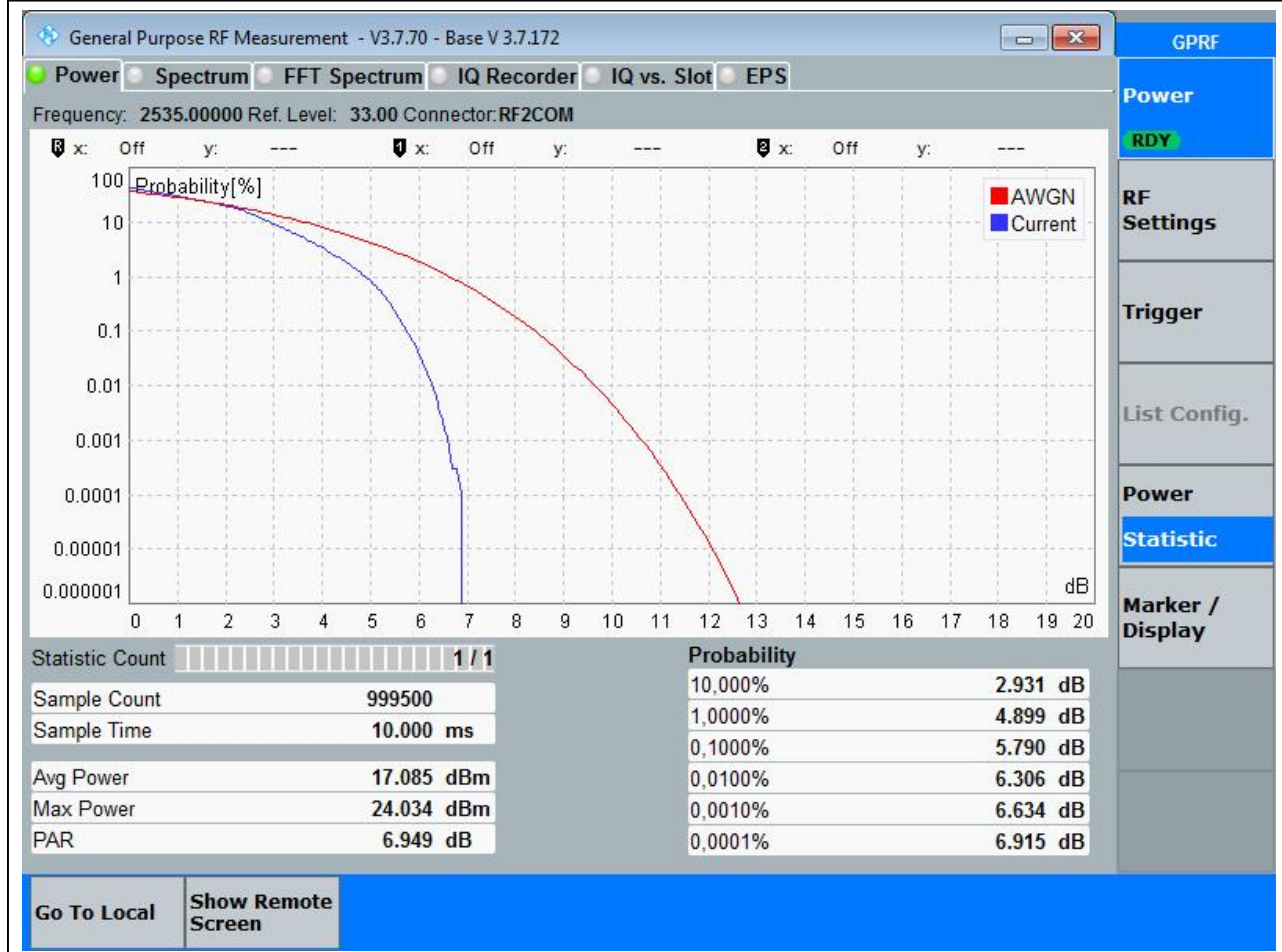
**2.5 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	30	5.01	13	Pass



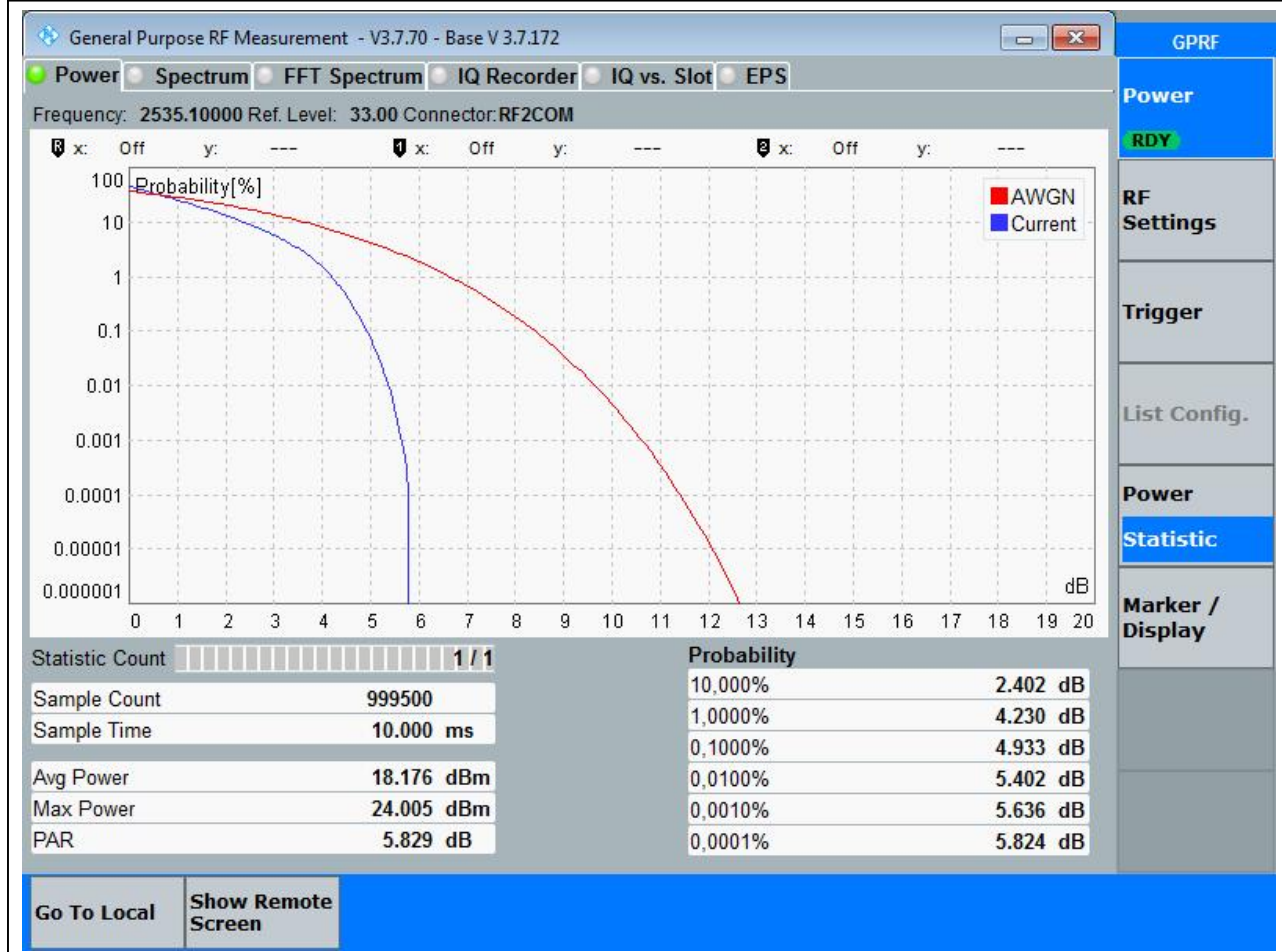
**2.6 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6,
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	30	5.79	13	Pass

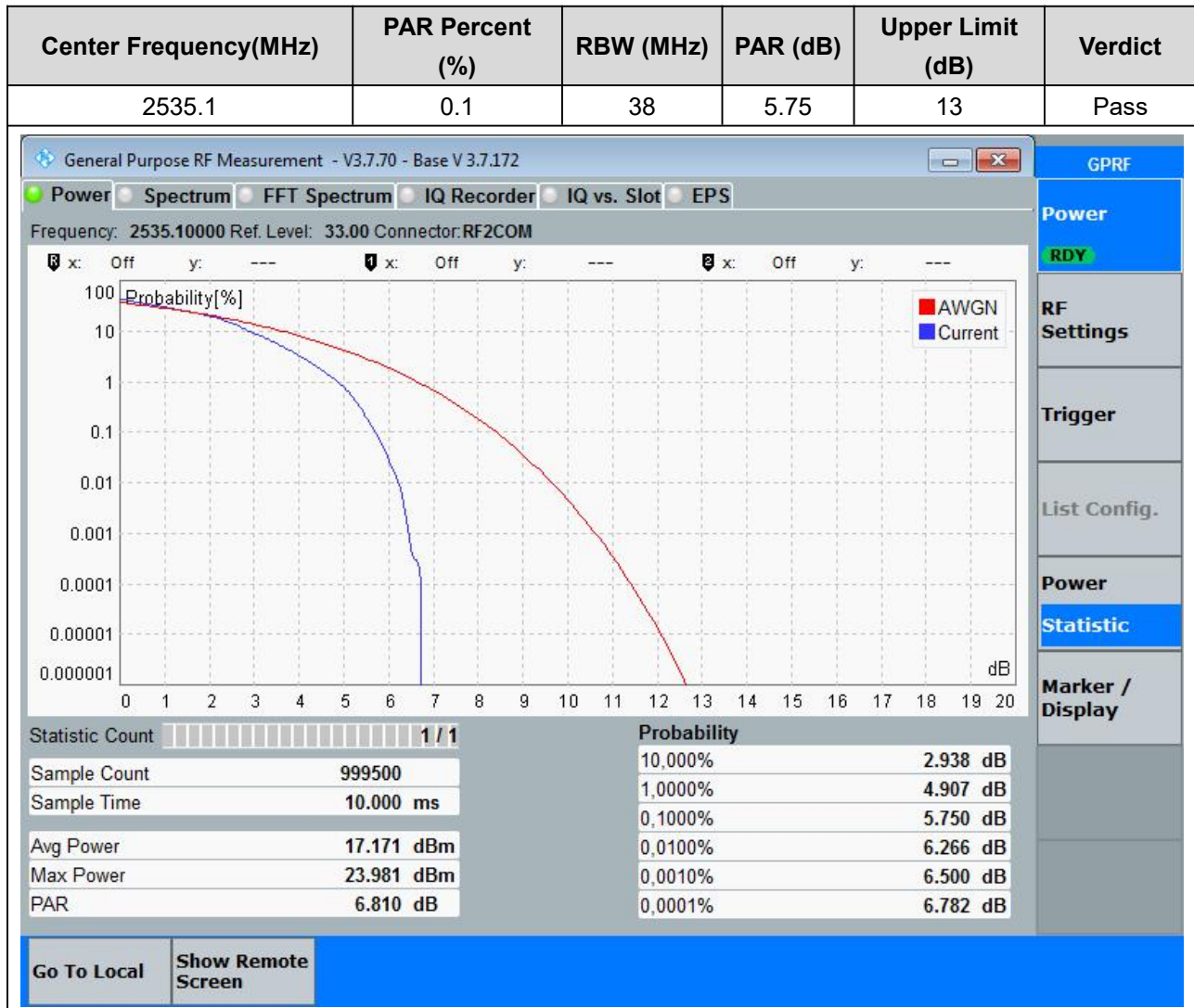


**2.7 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2535.1	0.1	38	4.93	13	Pass

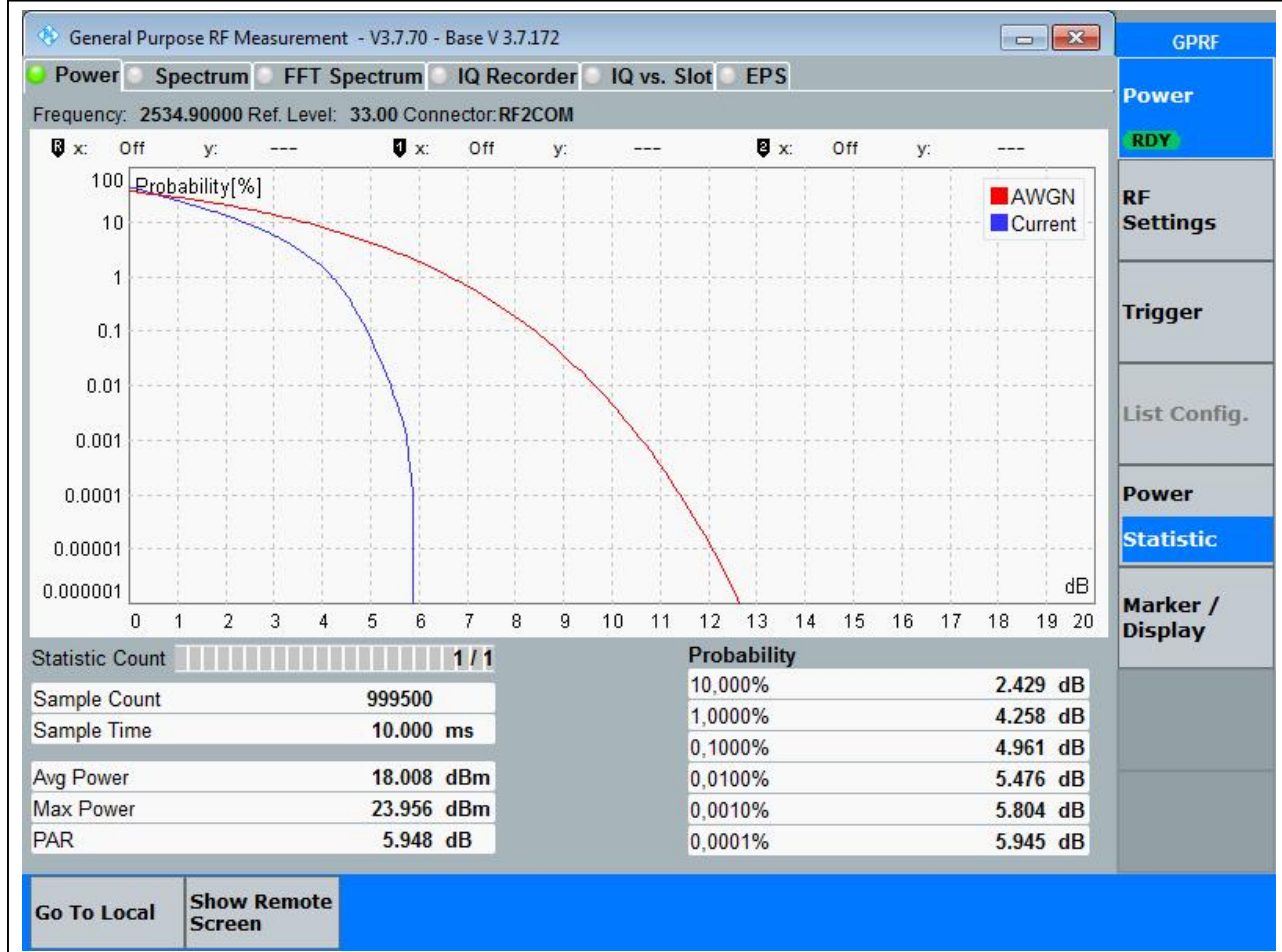


**2.8 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8,
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**



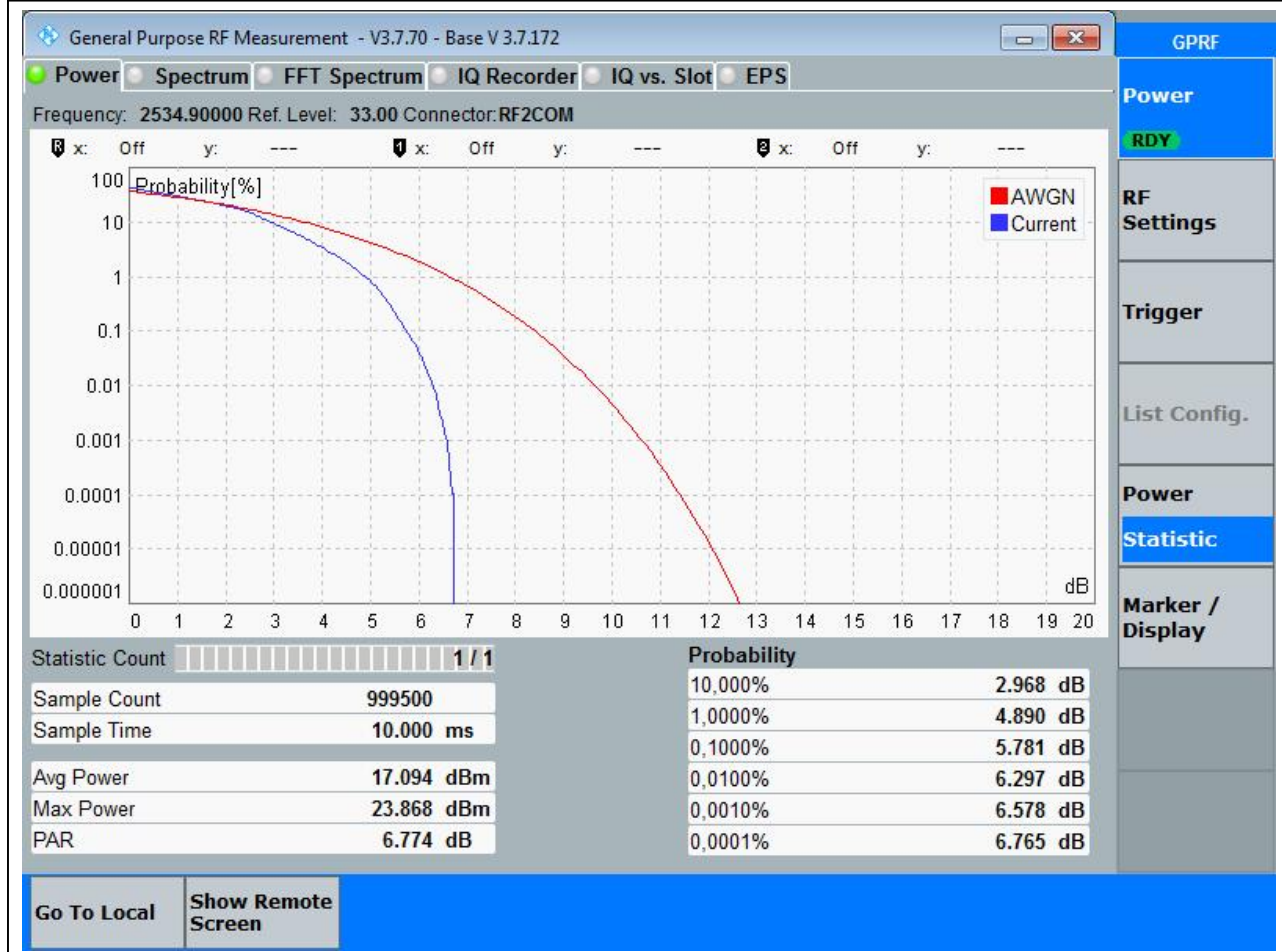
**2.9 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2534.9	0.1	38	4.96	13	Pass



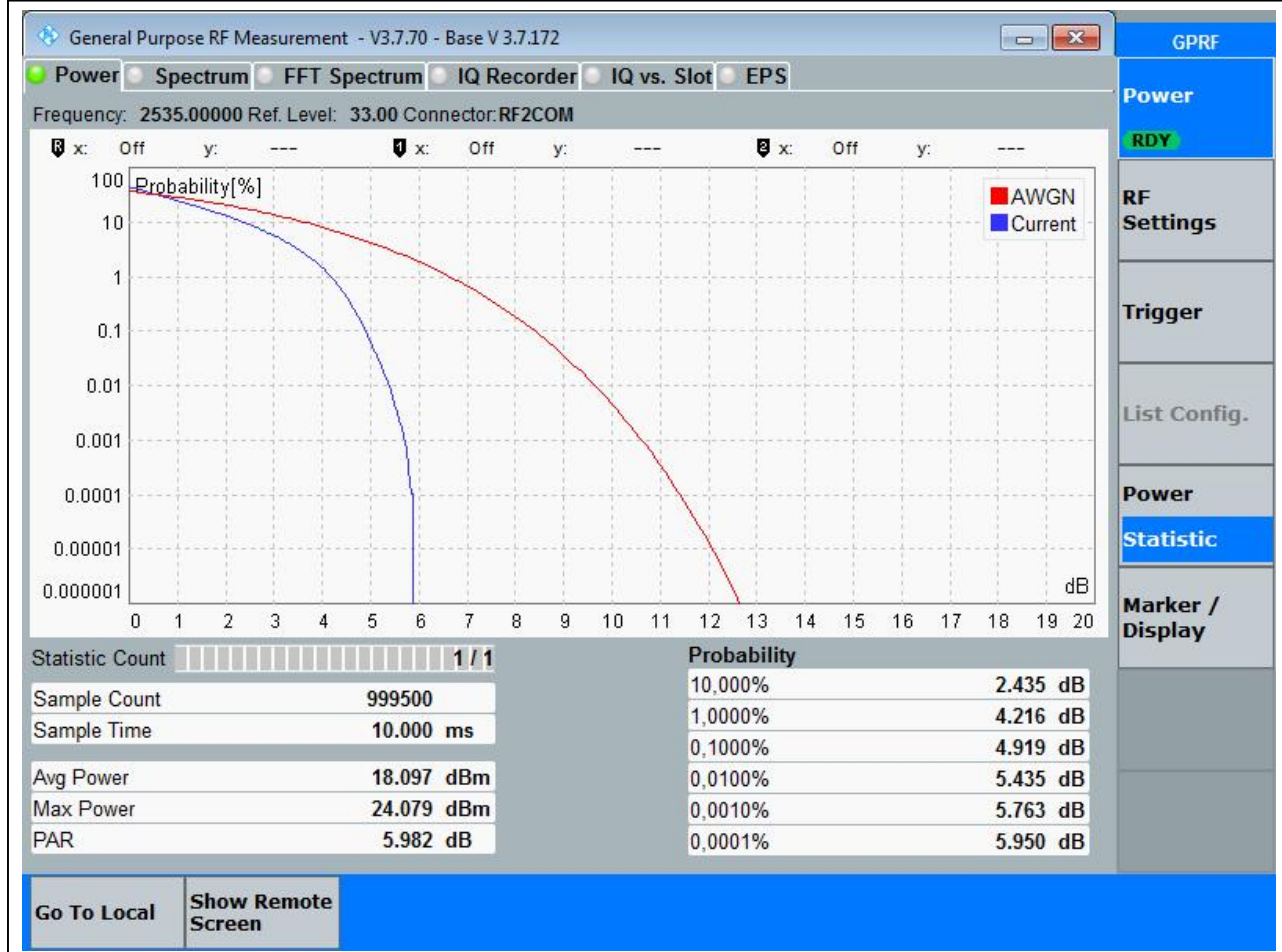
**2.10 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10,
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2534.9	0.1	38	5.78	13	Pass



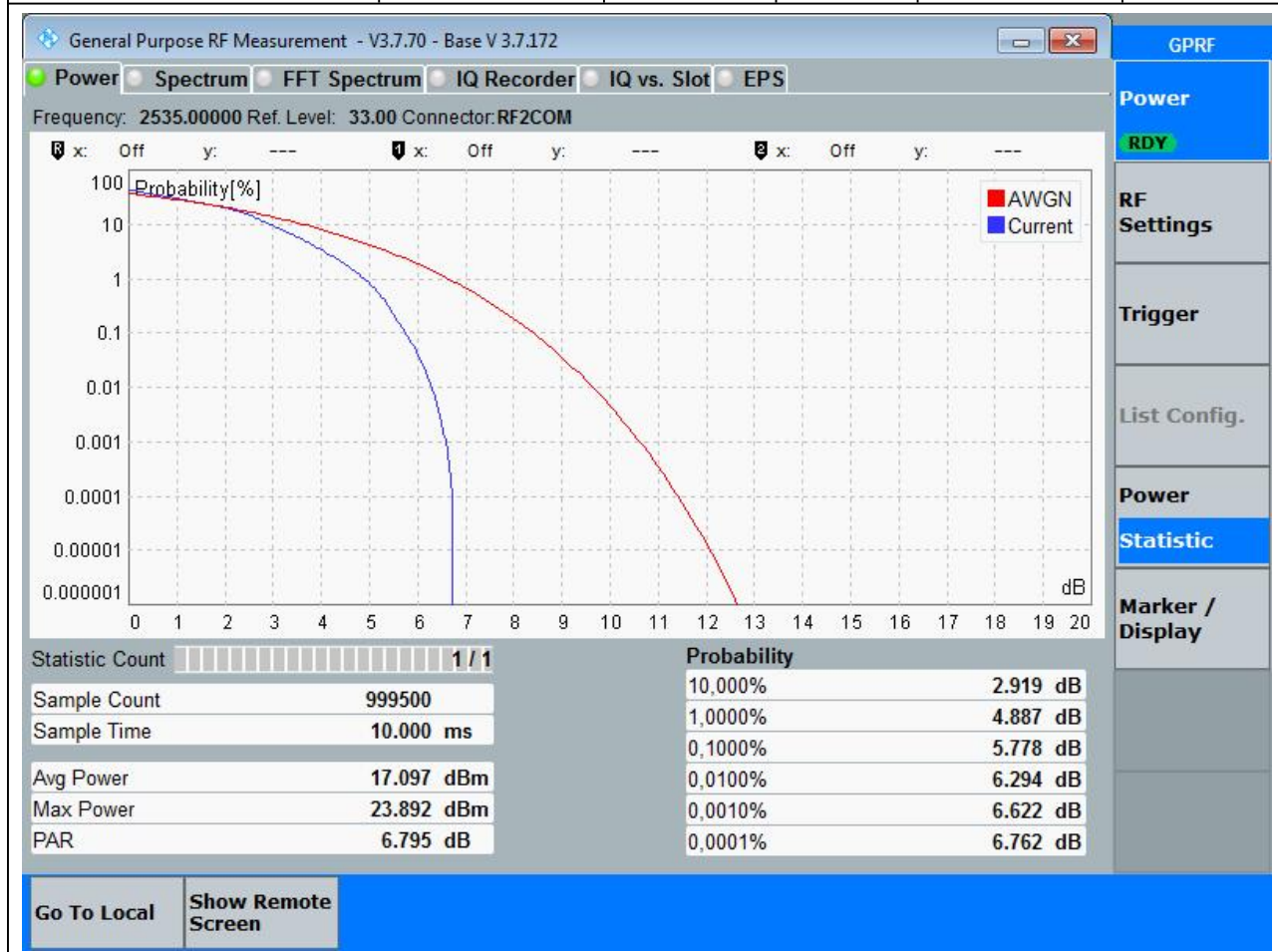
**2.11 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11,
Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	40	4.92	13	Pass



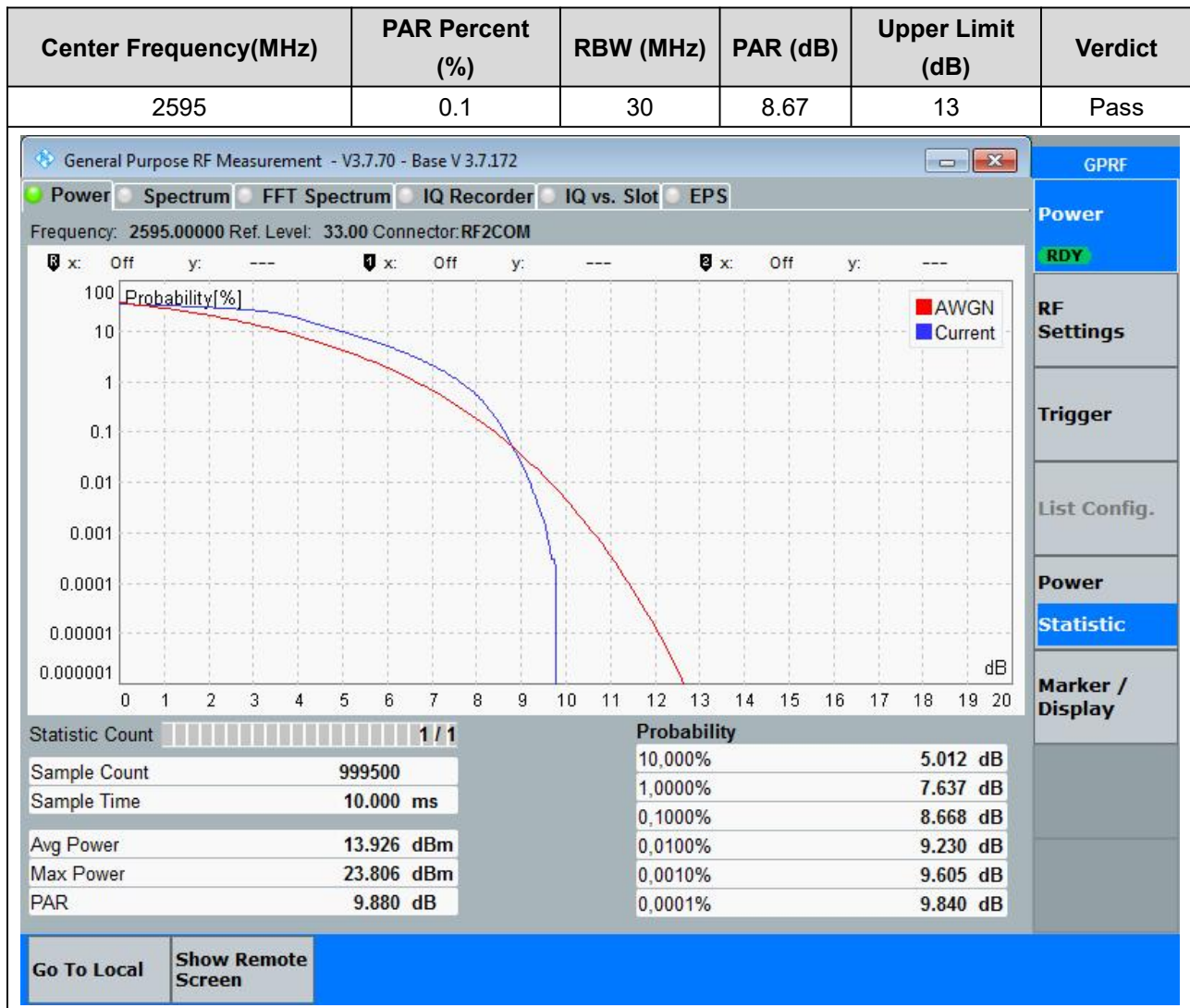
**2.12 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12,
Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	40	5.78	13	Pass



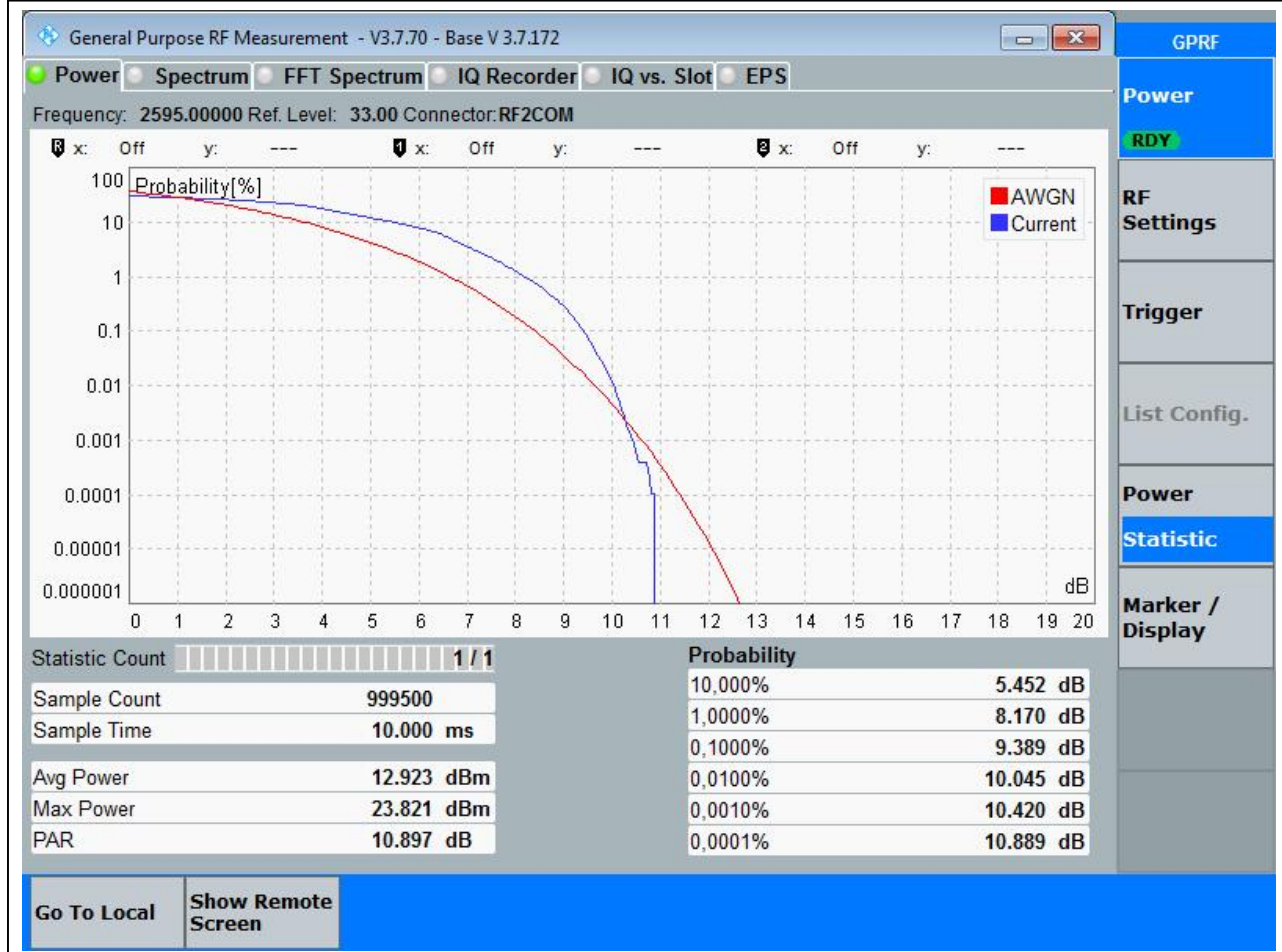
3. CA_38C

**3.1 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)**



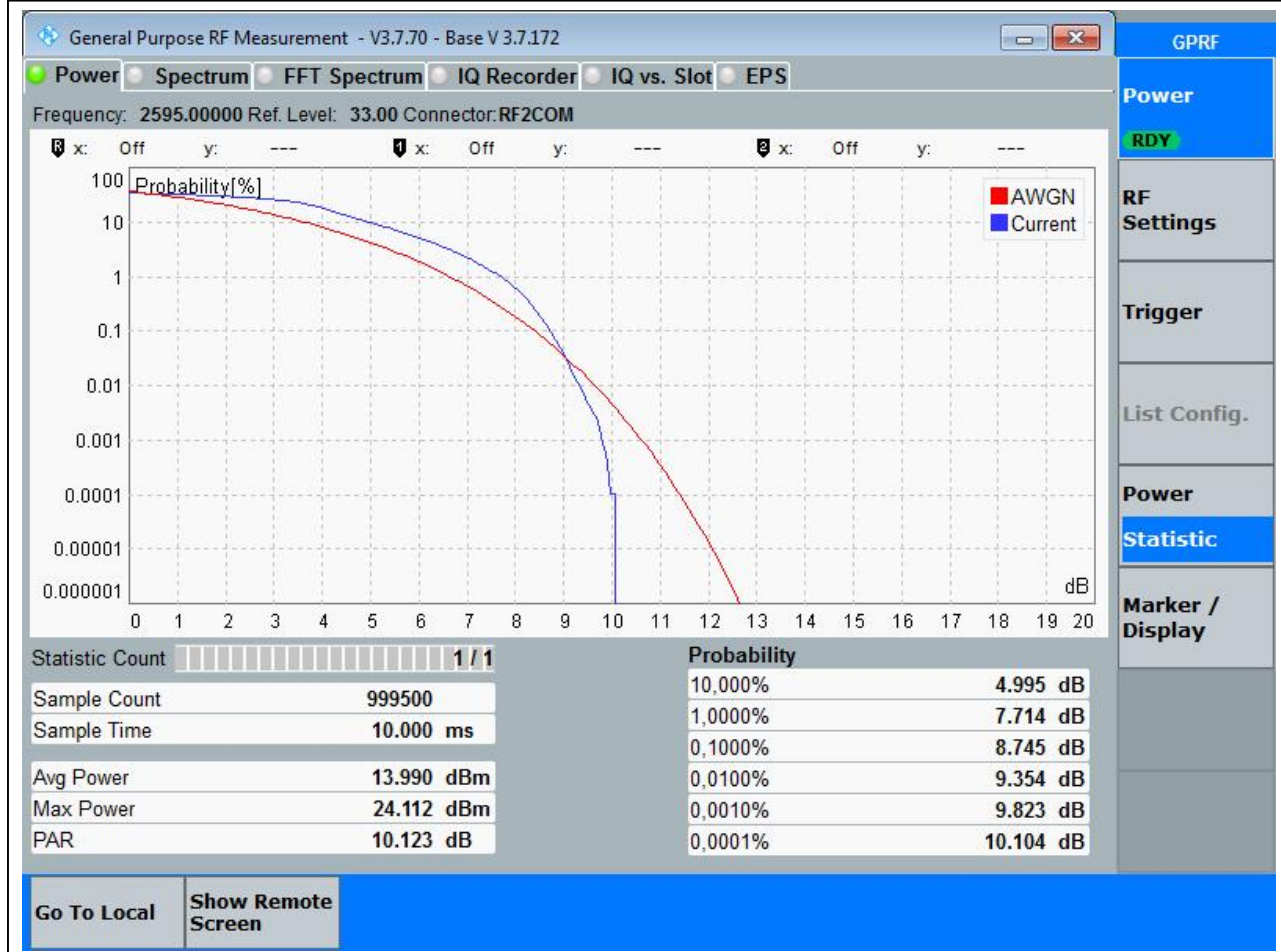
**3.2 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2,
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	30	9.39	13	Pass

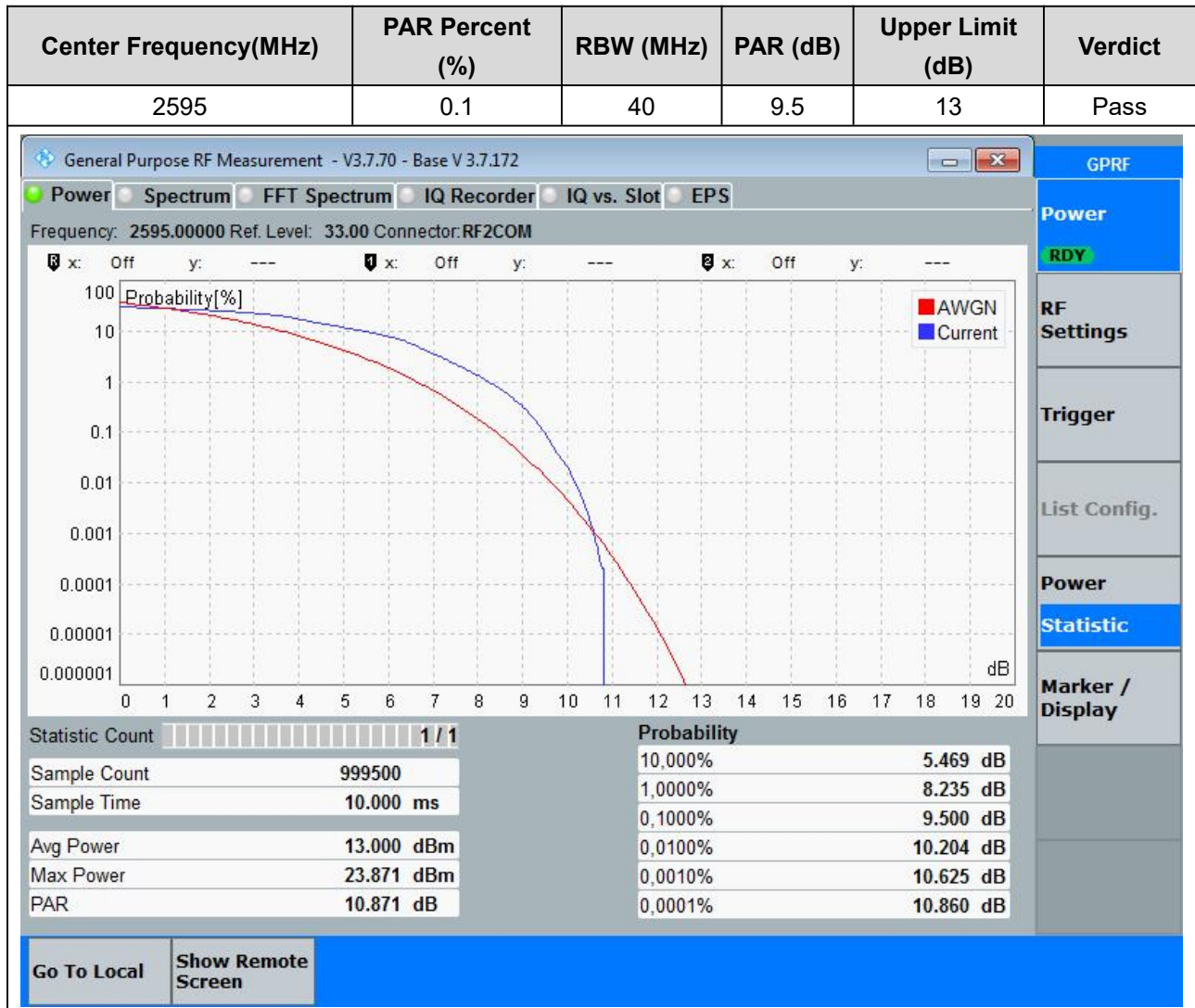


3.3 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	40	8.74	13	Pass

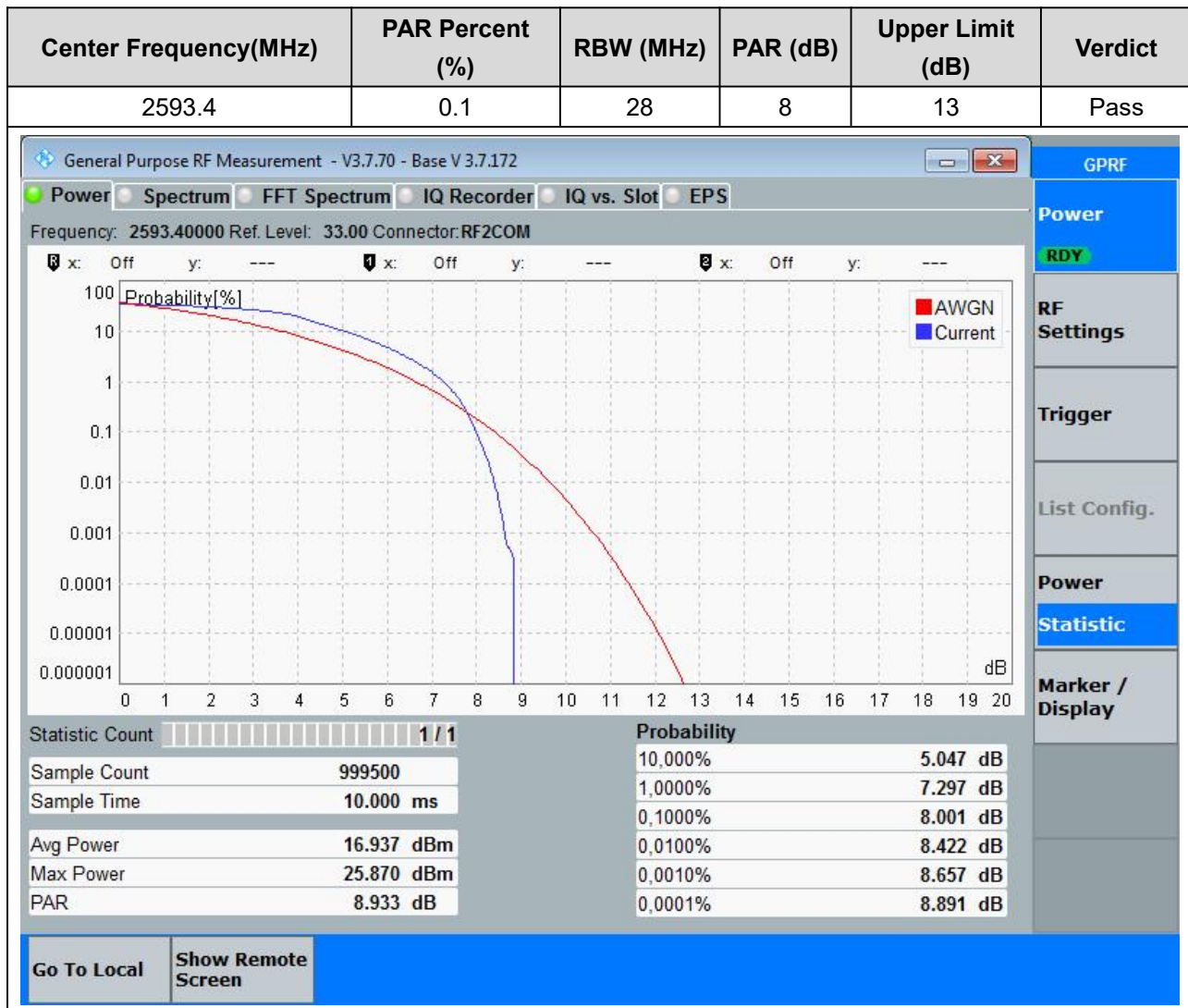


**3.4 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

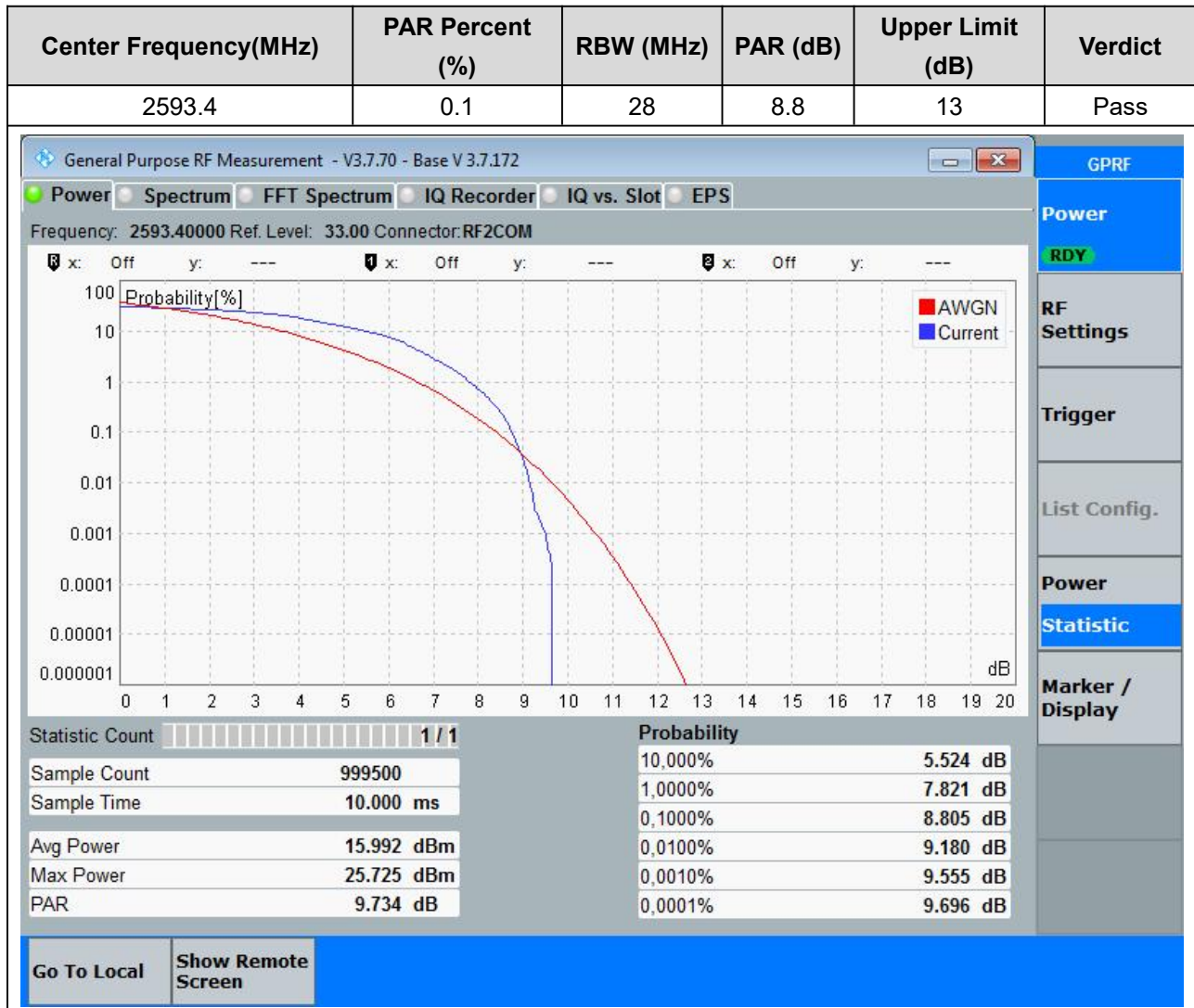


4. CA_41C_full

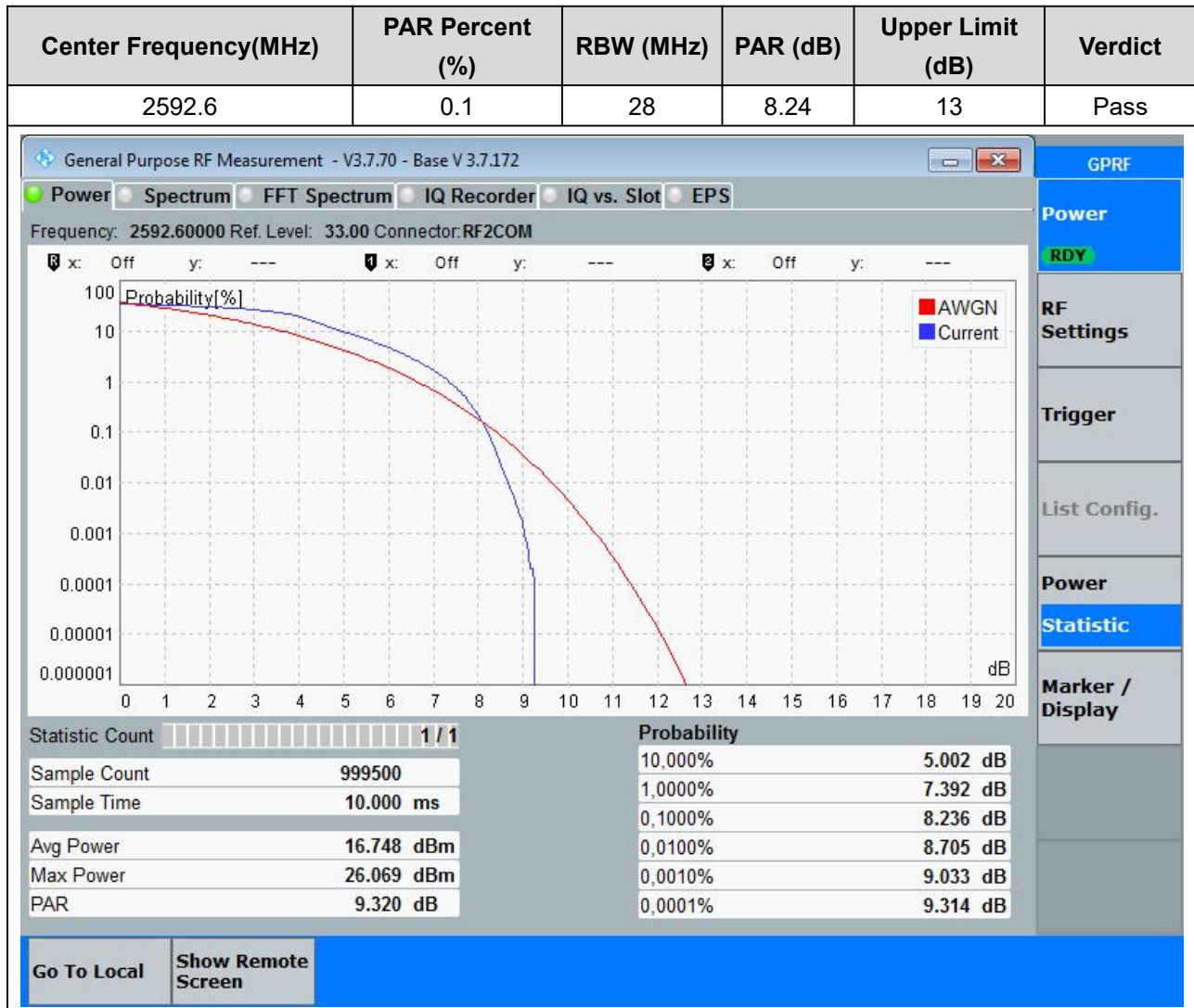
4.1 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1,
Channel:40528|40645, Bandwidth:5|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)



**4.2 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)**

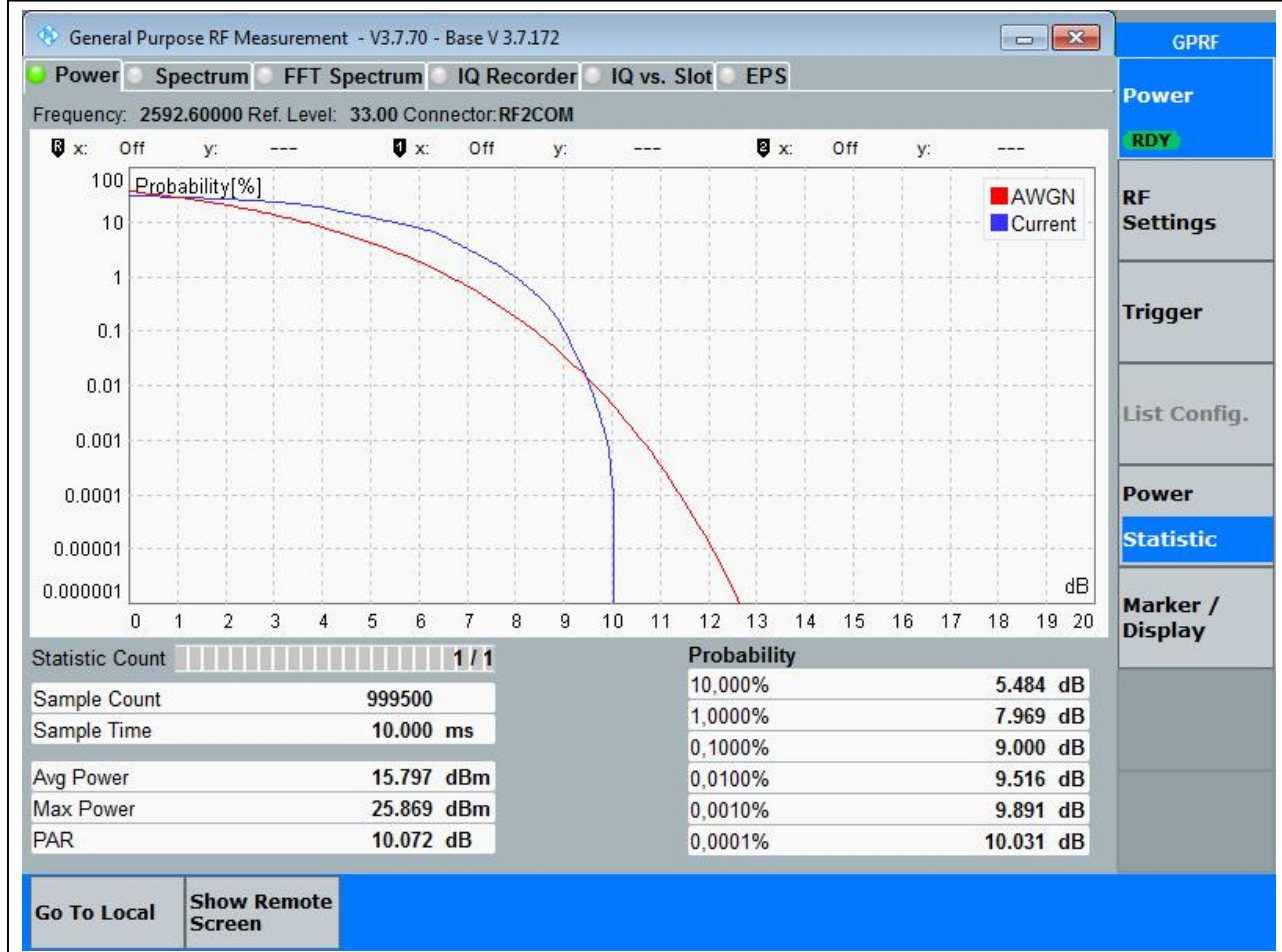


**4.3 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3,
Channel:40595|40712, Bandwidth:20|5MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**



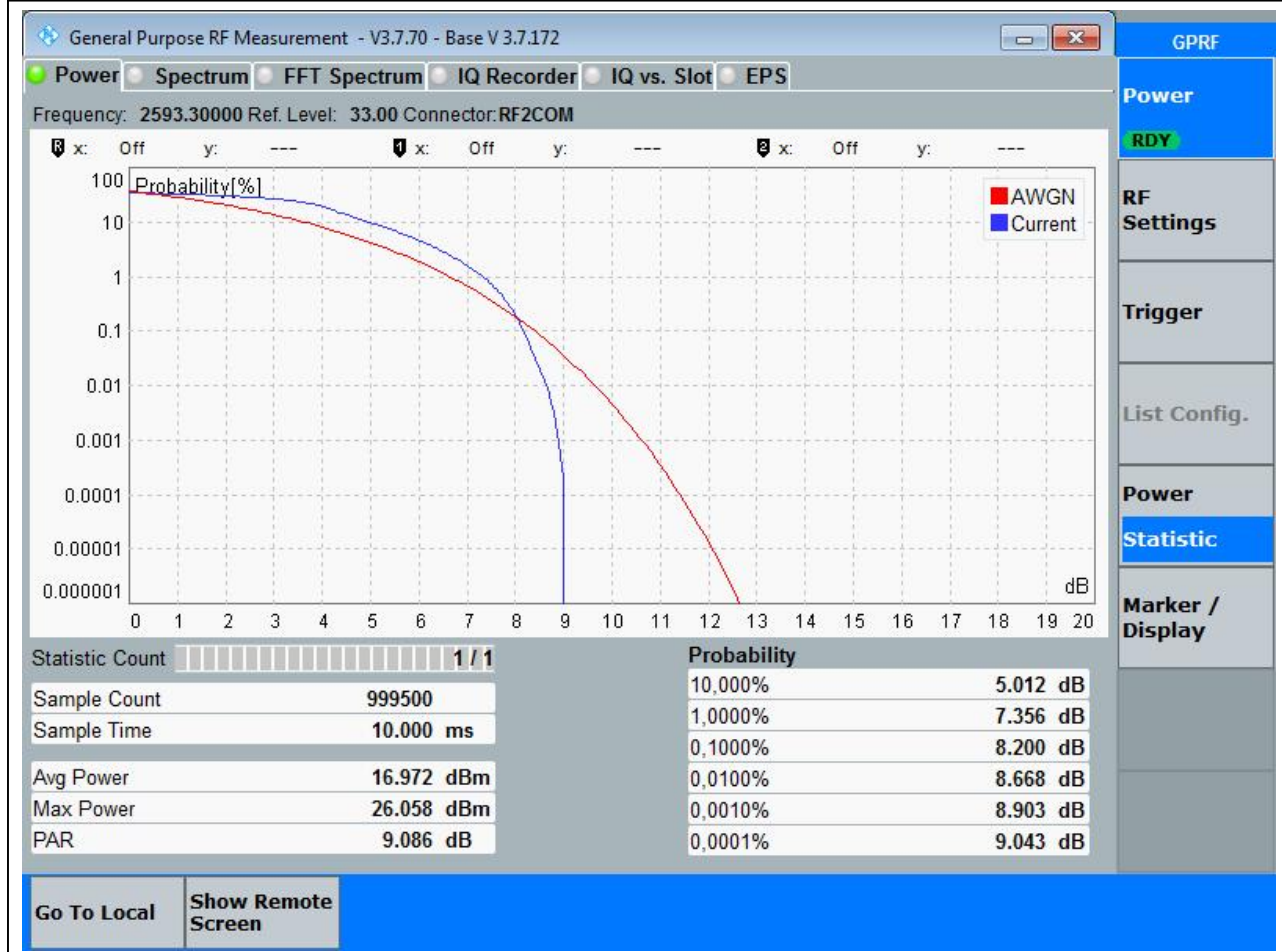
**4.4 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4,
Channel:40595|40712, Bandwidth:20|5MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2592.6	0.1	28	9	13	Pass

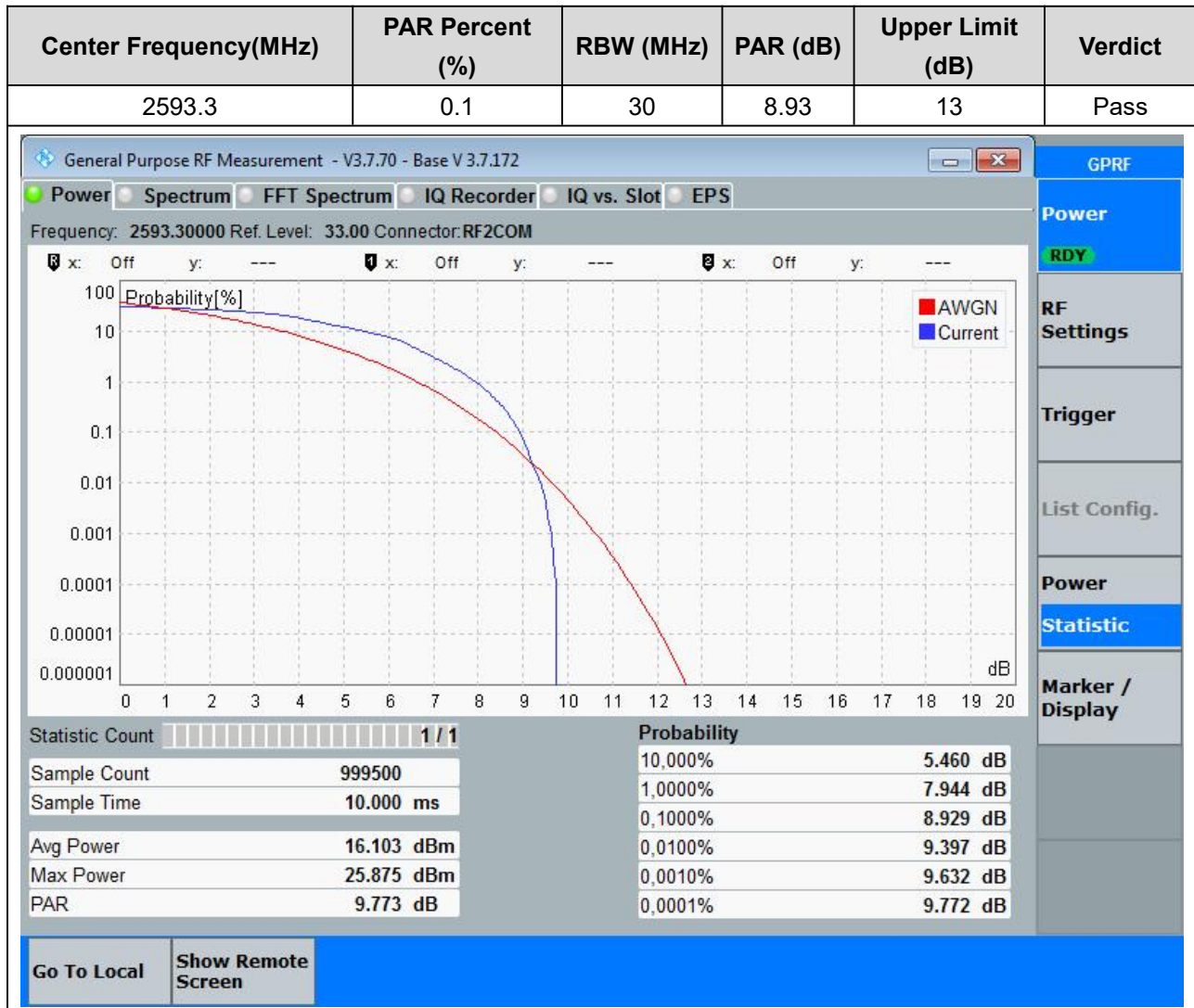


**4.5 LTE-A Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5,
Channel:40526|40670, Bandwidth:10|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2593.3	0.1	30	8.2	13	Pass



**4.6 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)**



**4.7 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)**

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2592.8	0.1	30	8.22	13	Pass

