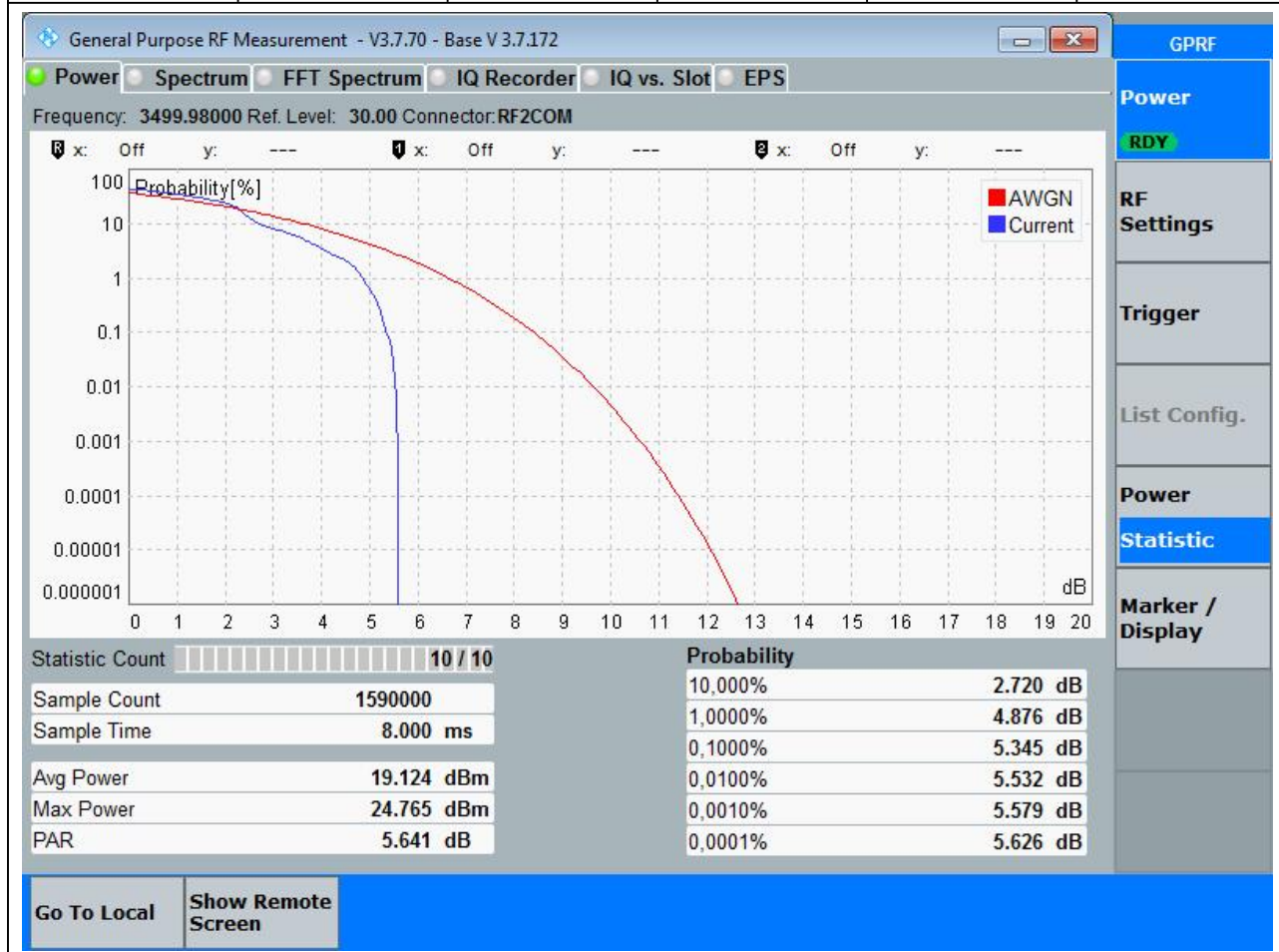


Peak to Average Ratio

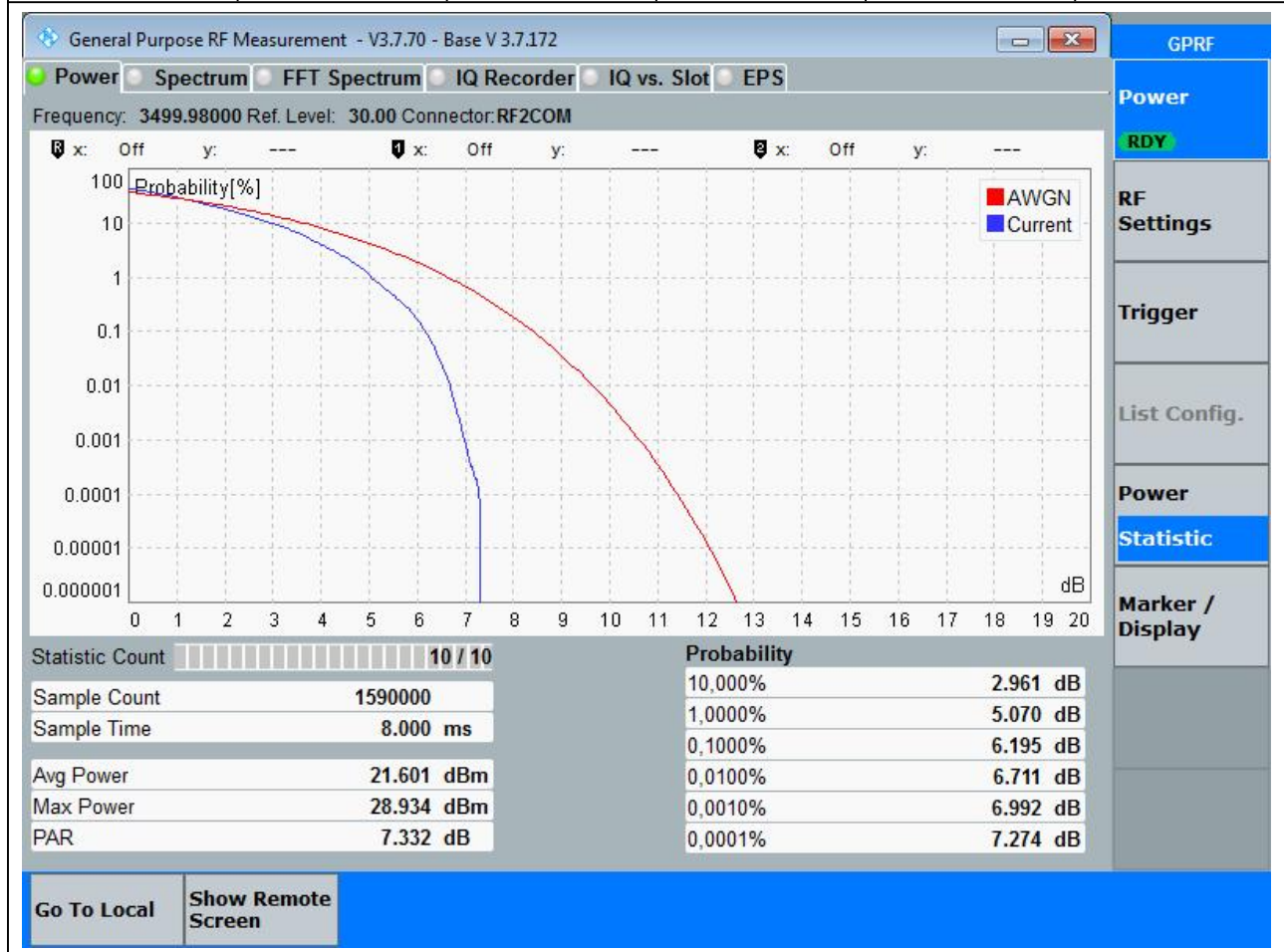
8.7. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:633332, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3499.98	0.1	100	5.34	13	Pass



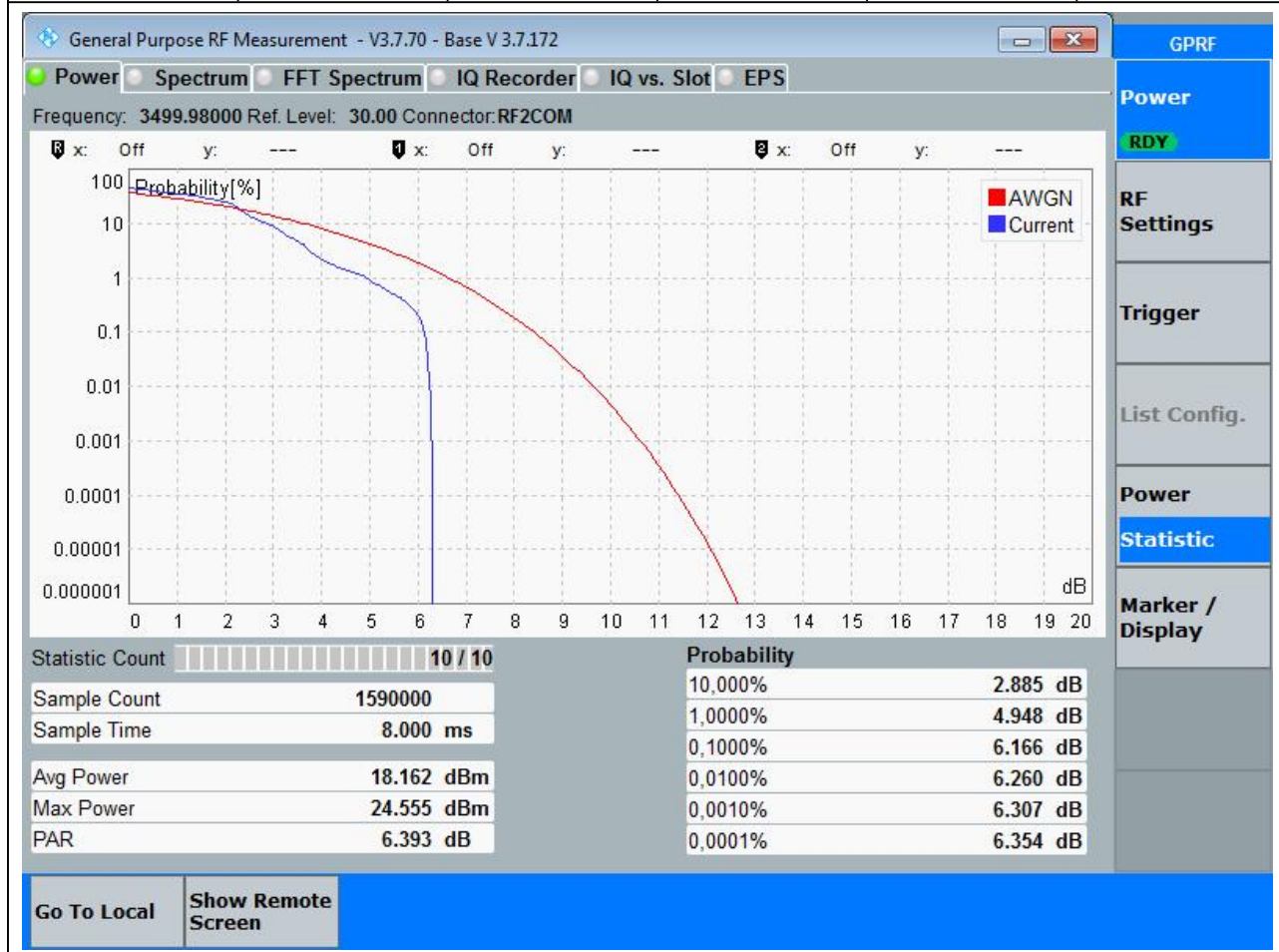
8.8. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:633332, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3499.98	0.1	100	6.2	13	Pass



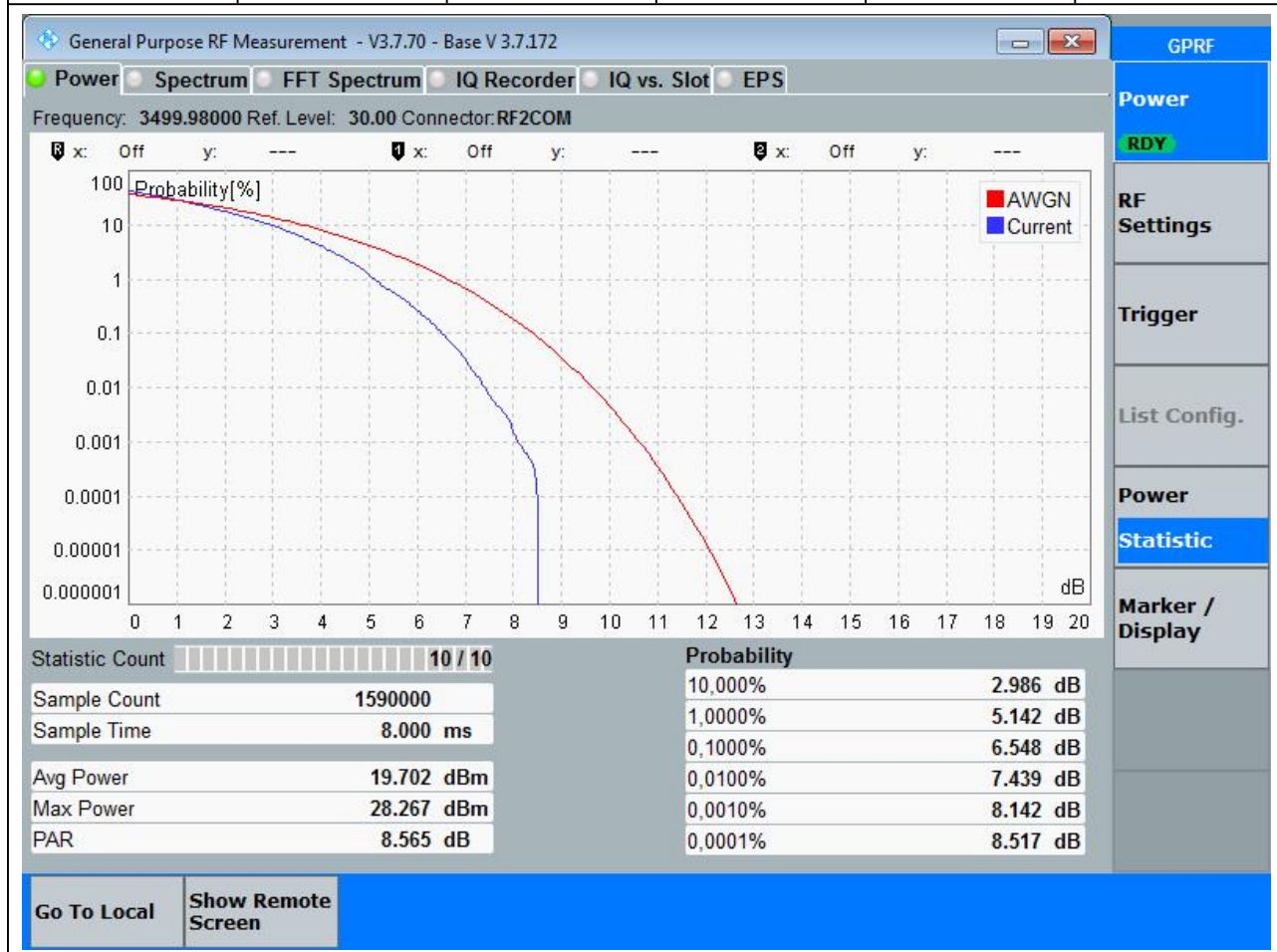
8.9. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:633332, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3499.98	0.1	100	6.17	13	Pass



8.10. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:633332, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3499.98	0.1	100	6.55	13	Pass



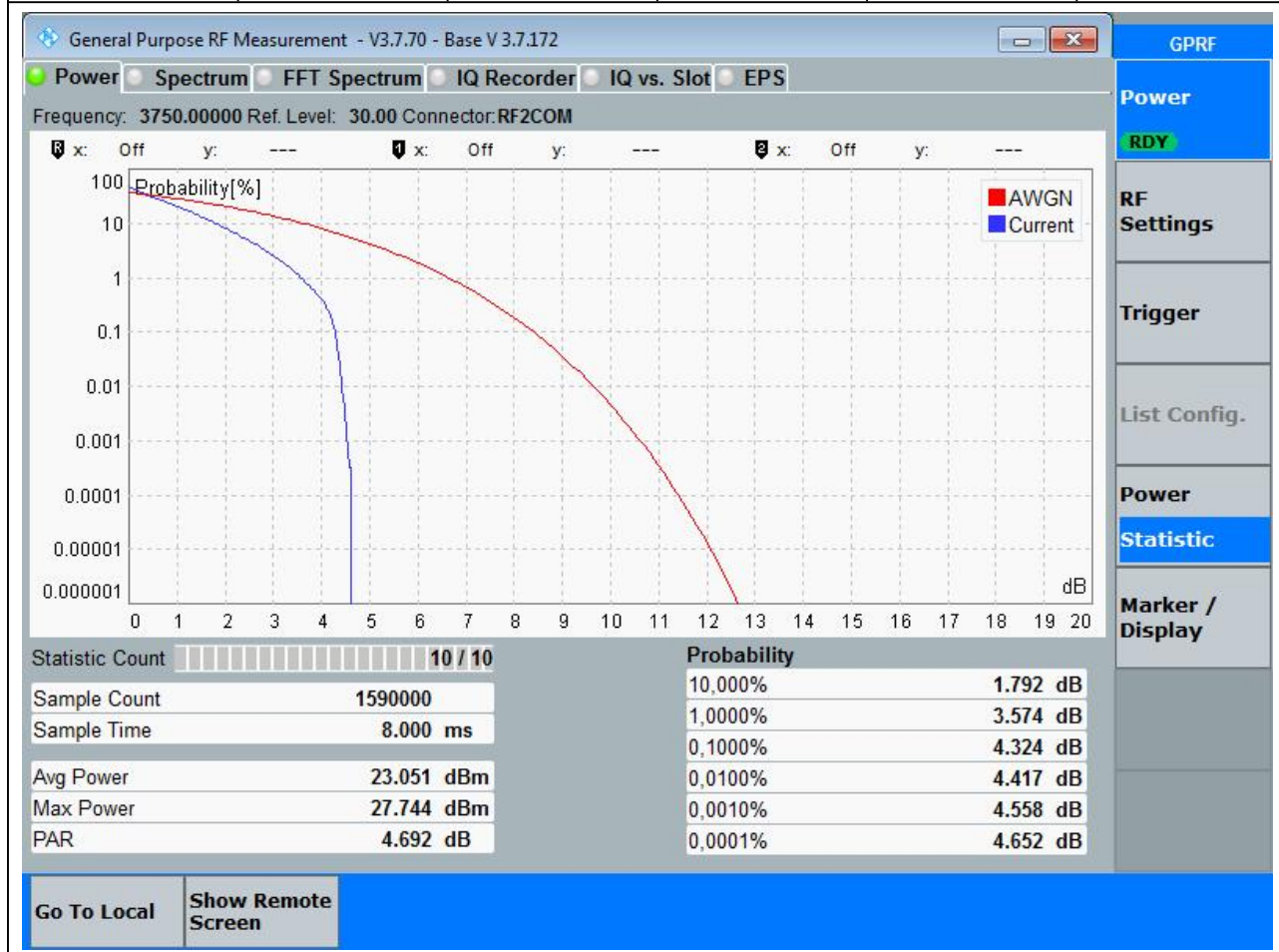
9. n77 (3700-3980)

9.1. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



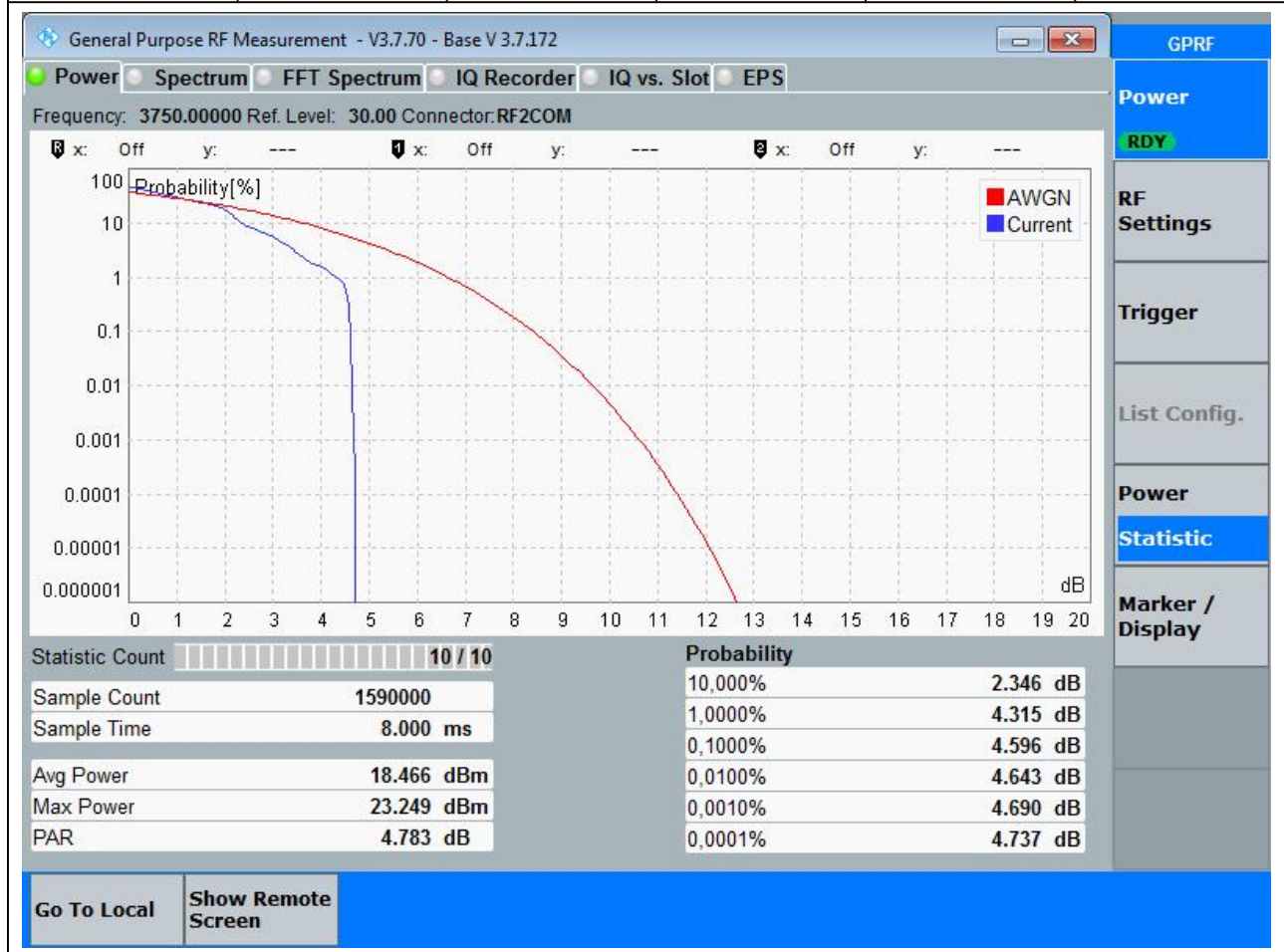
9.2. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	4.32	13	Pass



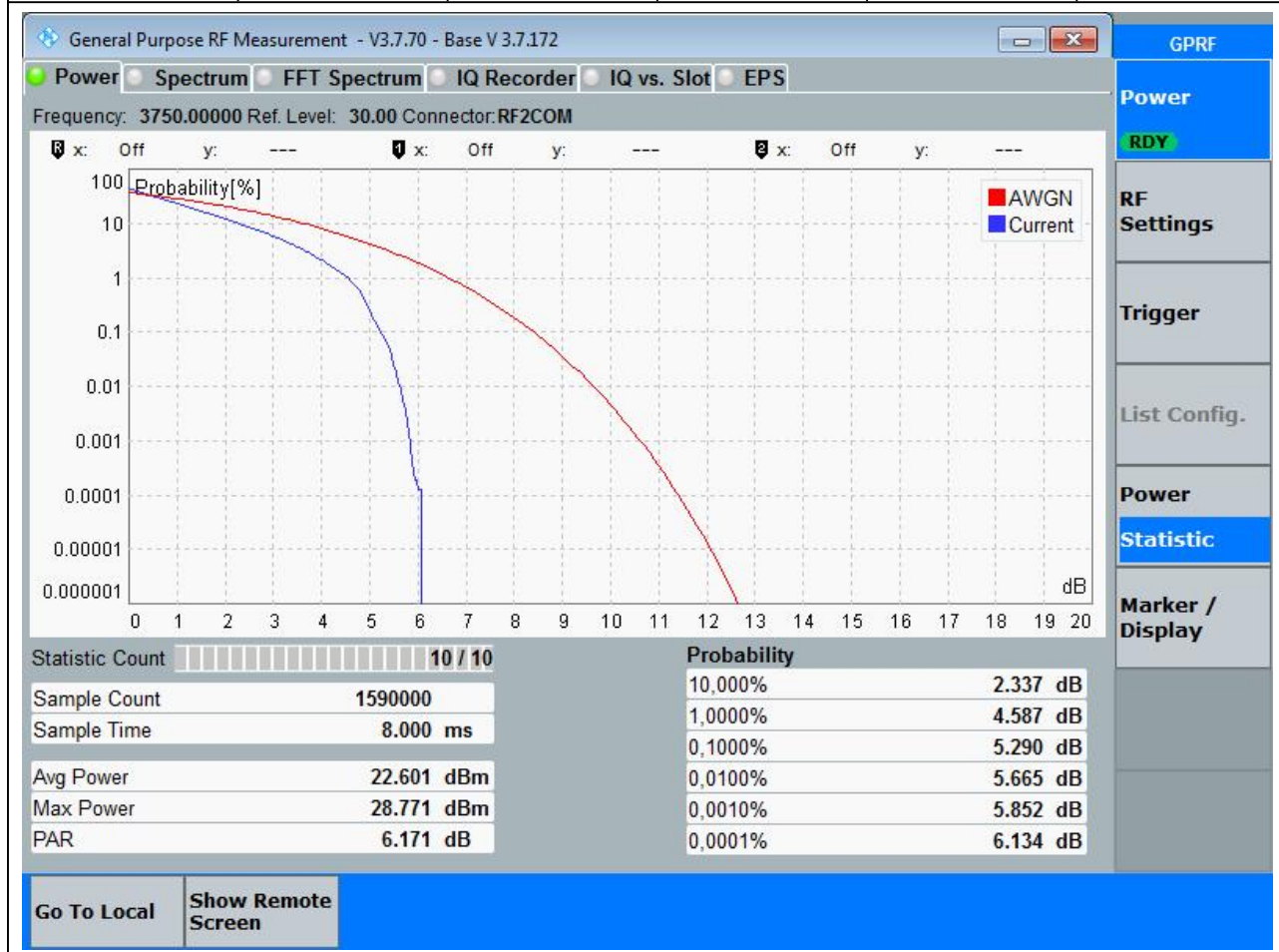
9.3. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	4.6	13	Pass



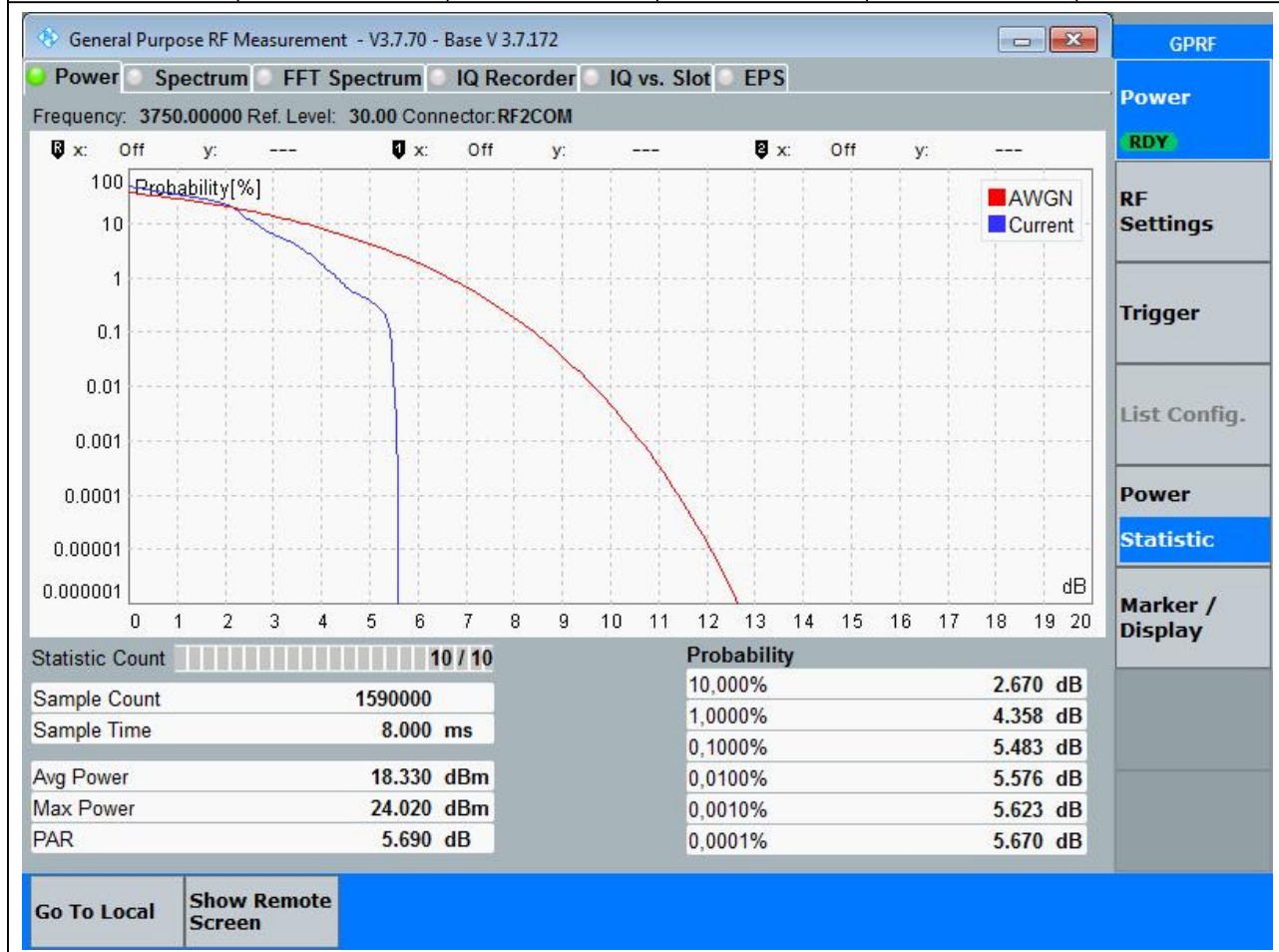
9.4. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	5.29	13	Pass



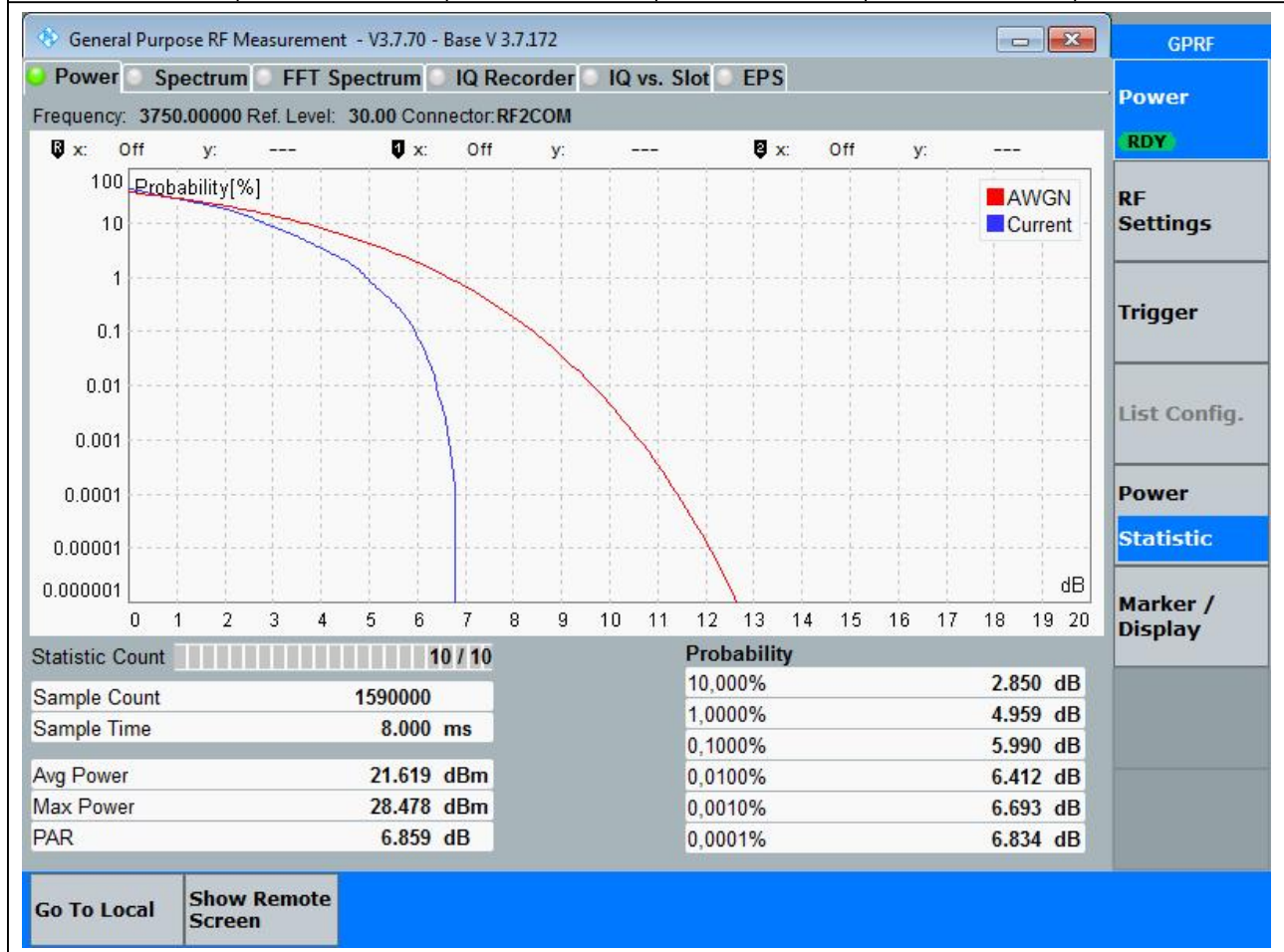
9.5. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	5.48	13	Pass



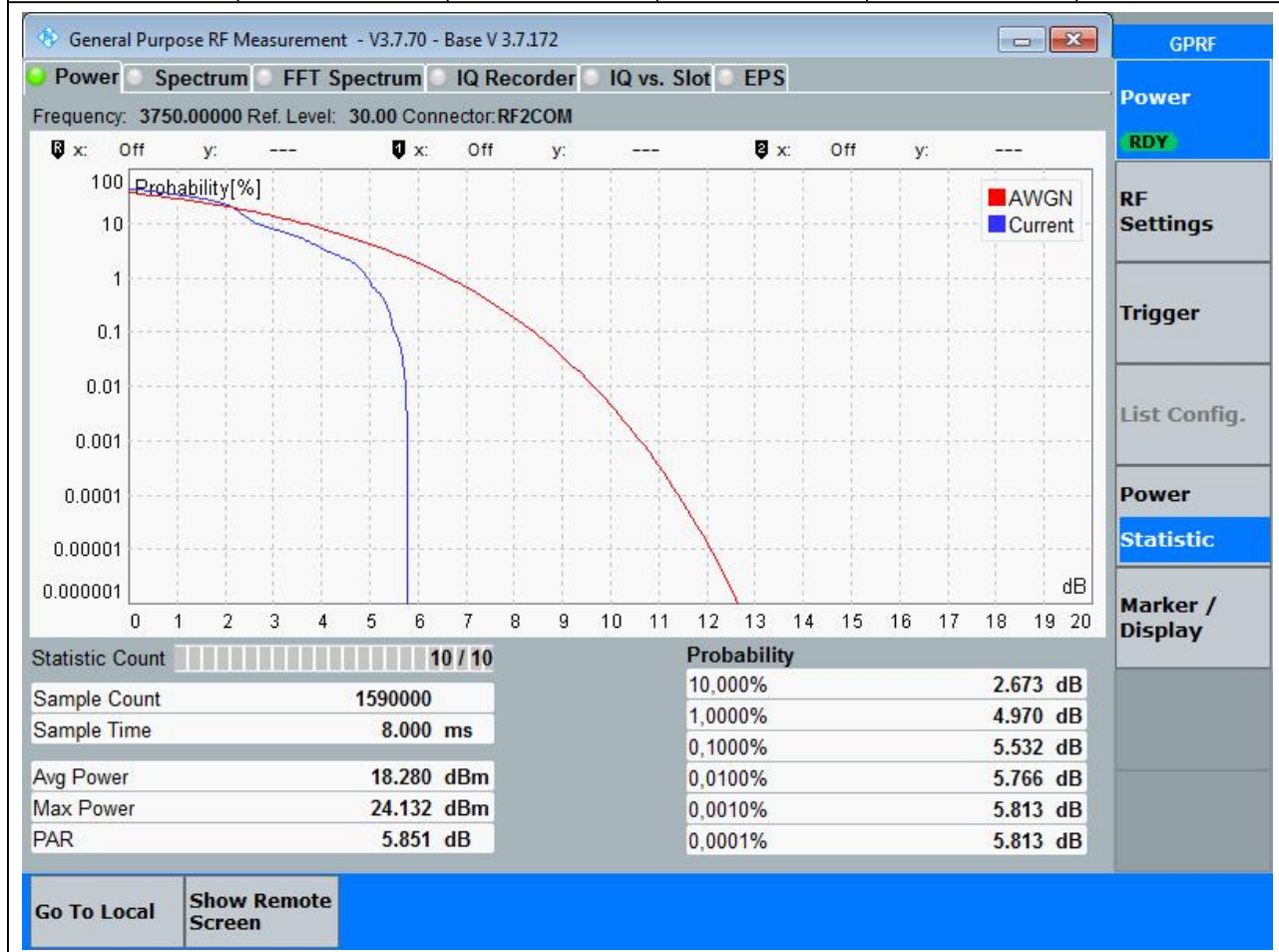
9.6. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	5.99	13	Pass



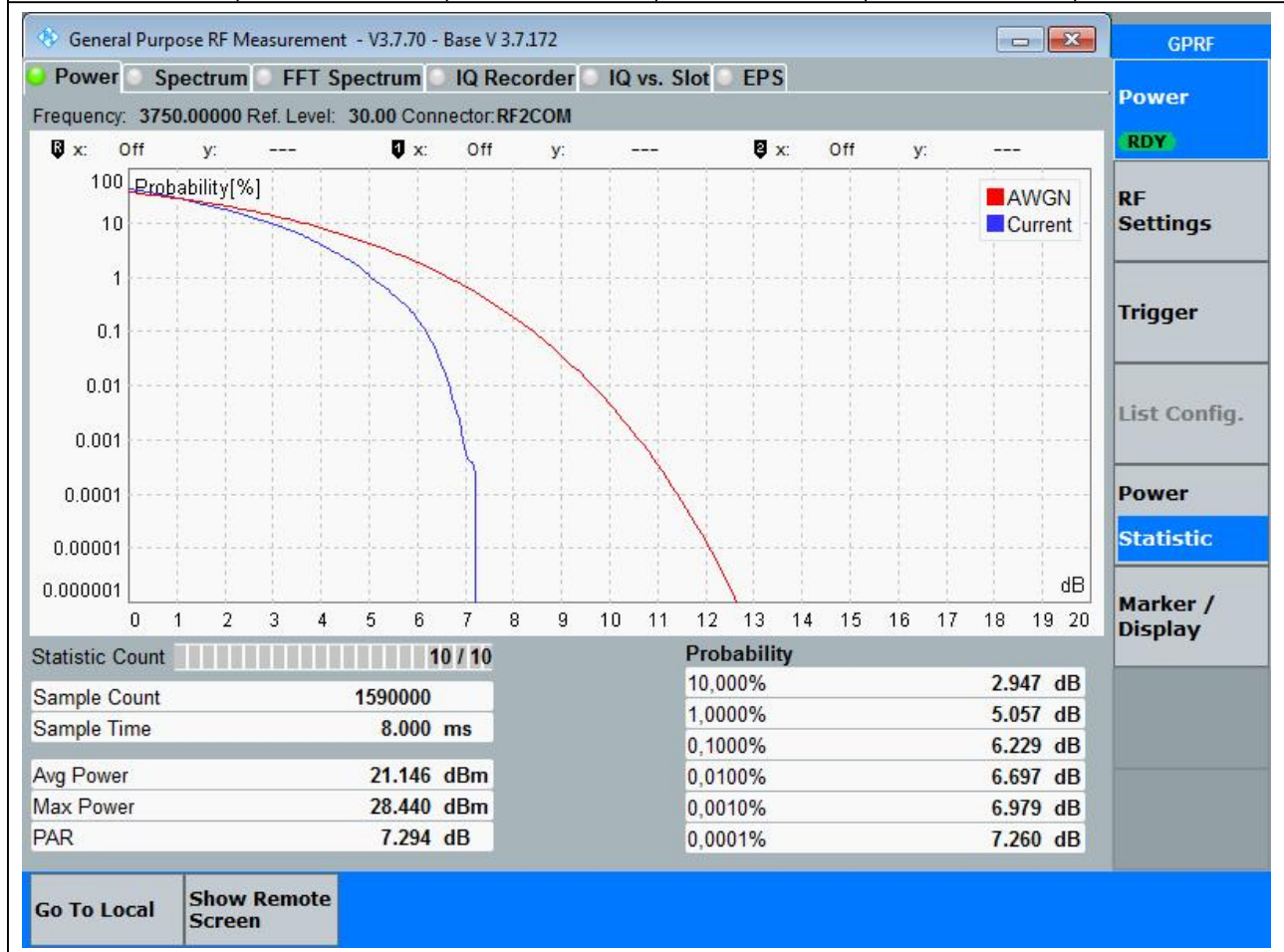
9.7. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	5.53	13	Pass



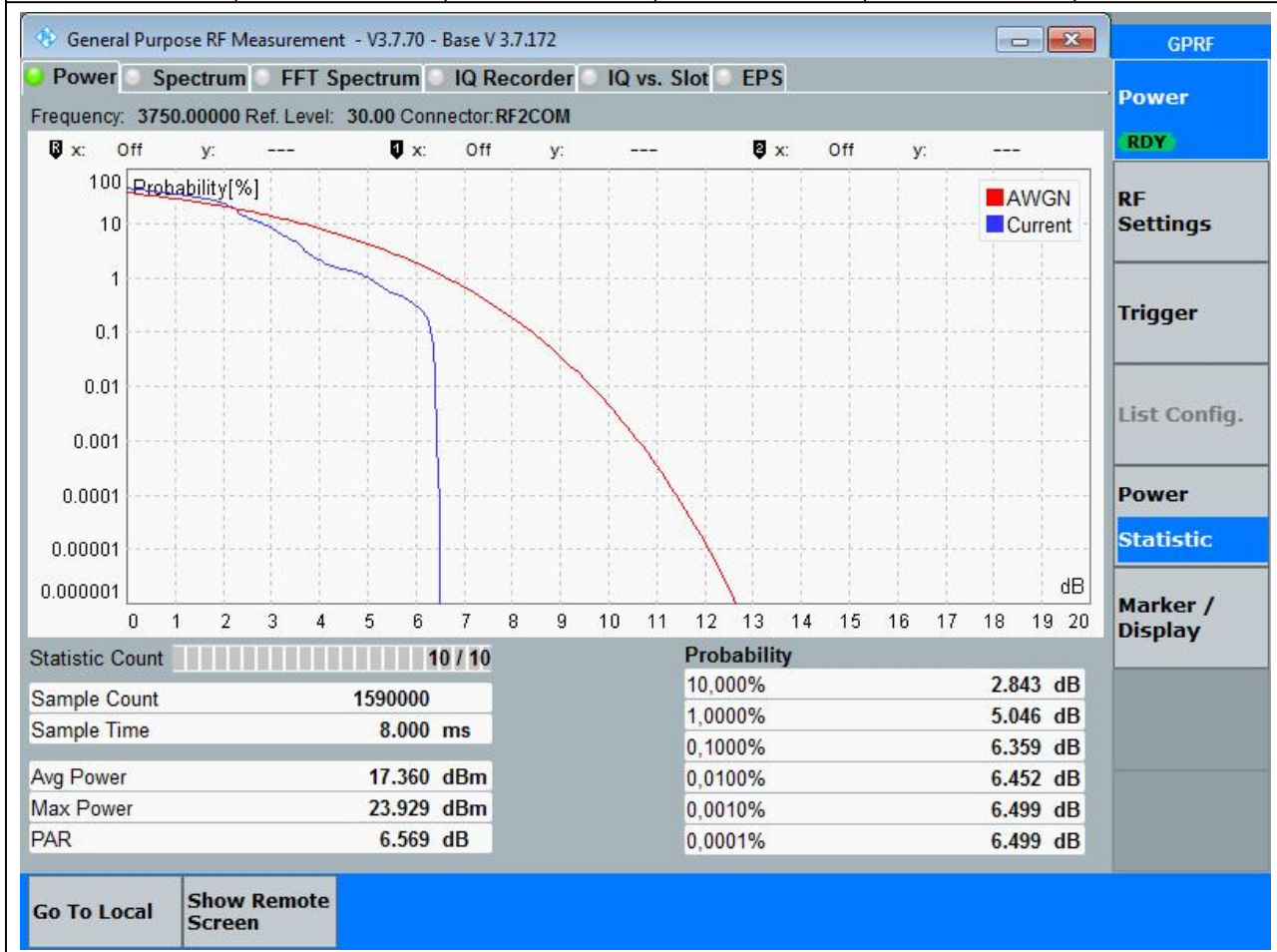
9.8. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	6.23	13	Pass



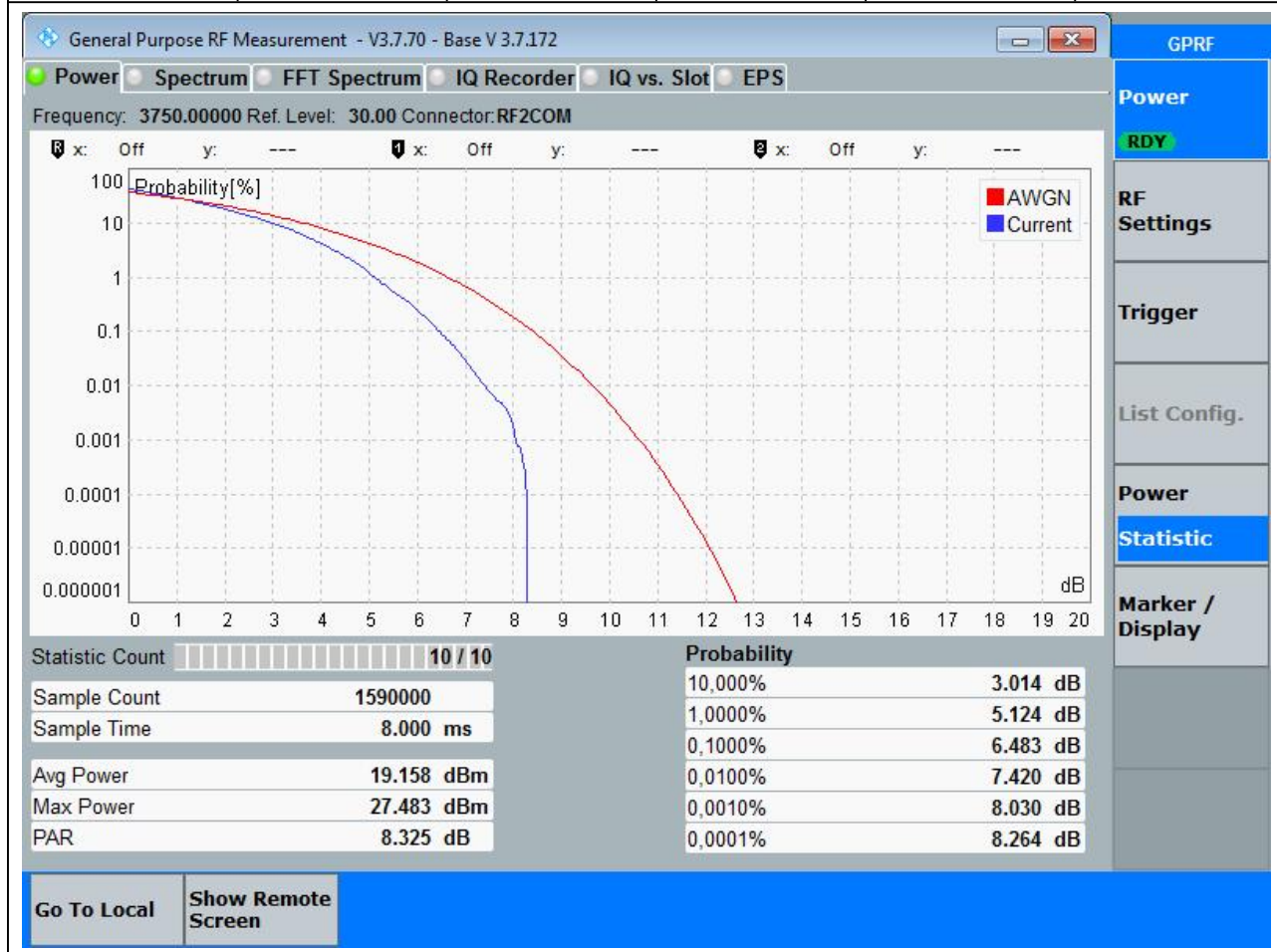
9.9. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	6.36	13	Pass



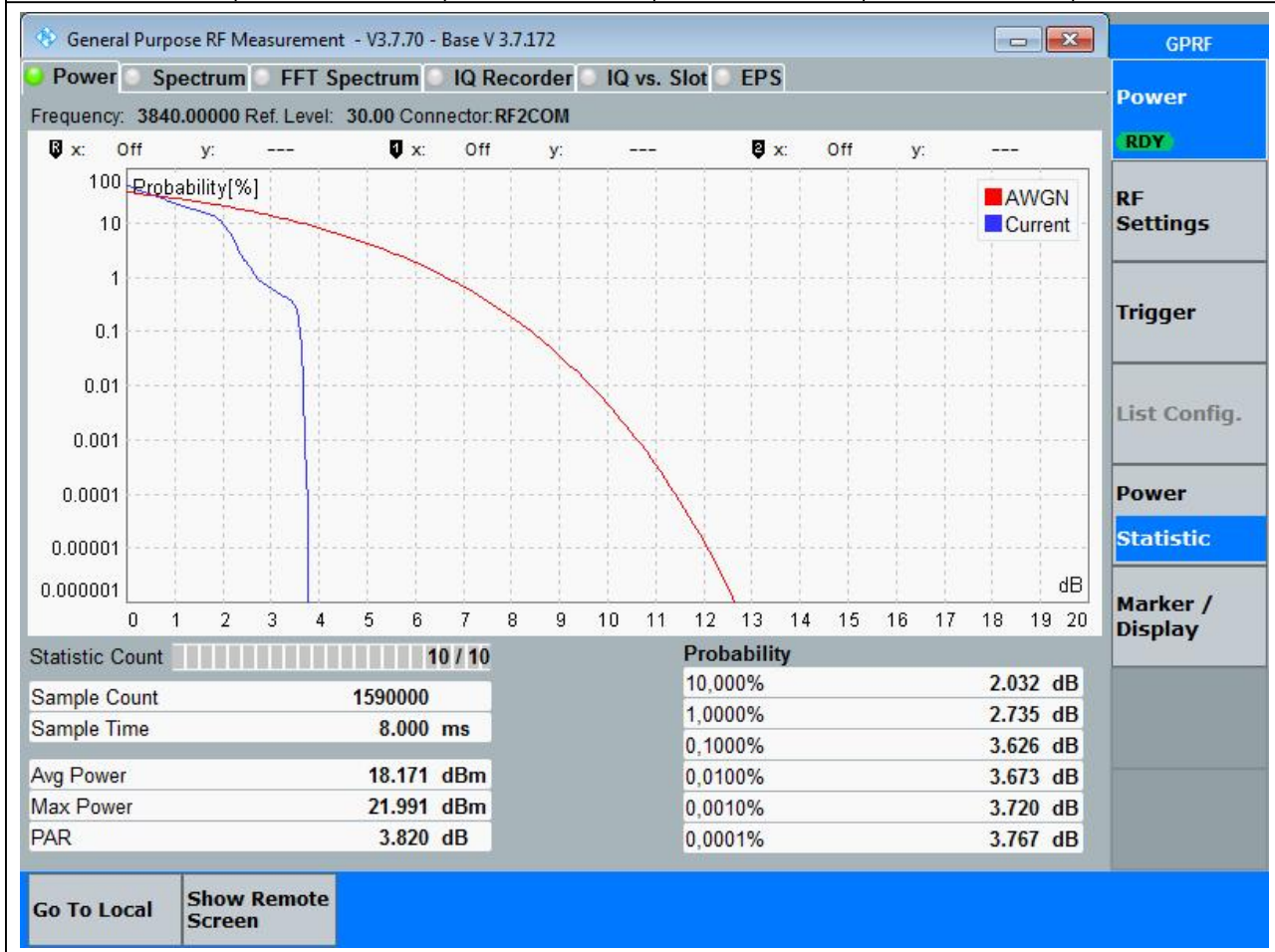
9.10. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	6.48	13	Pass



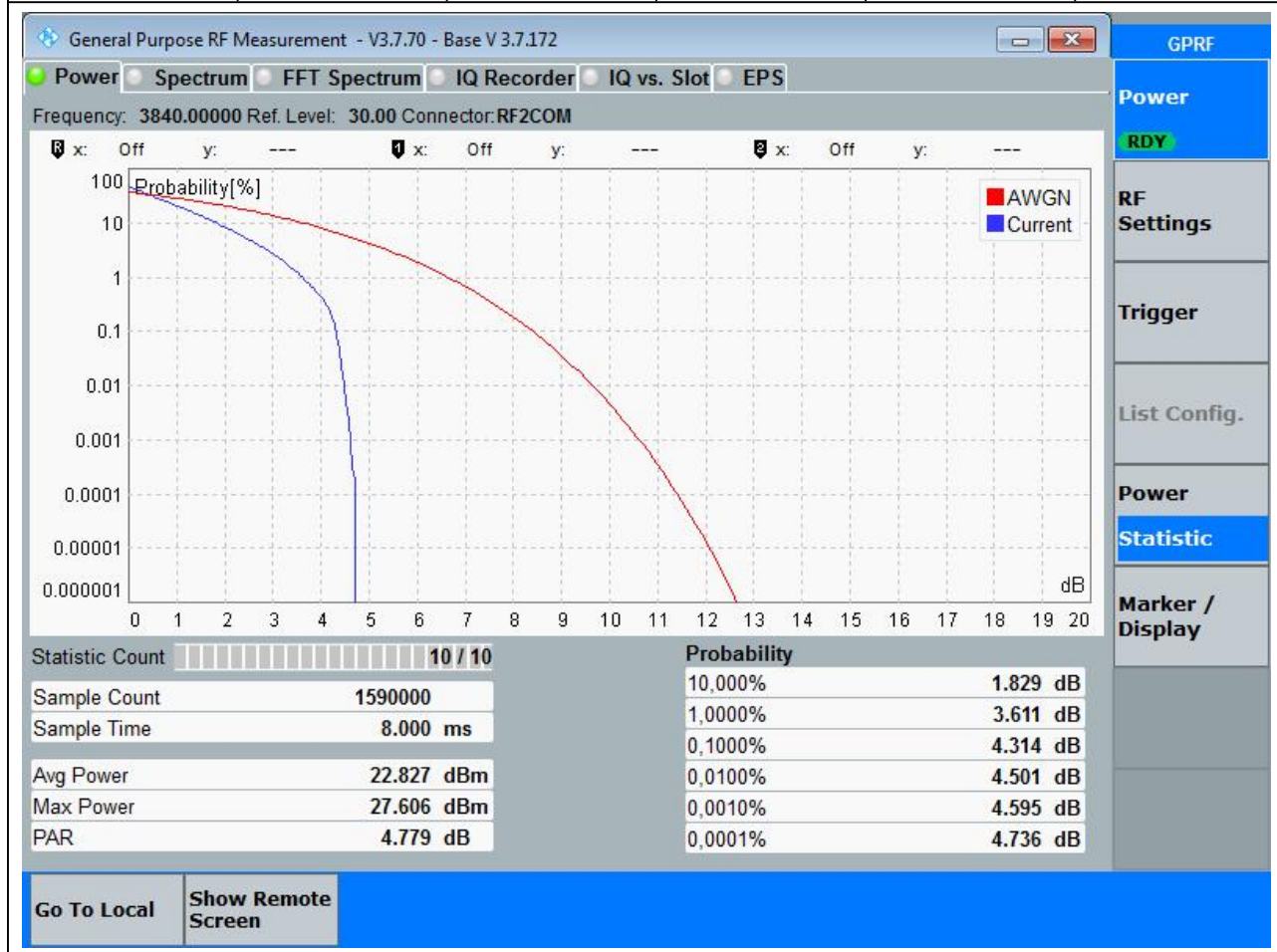
9.11. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	3.63	13	Pass



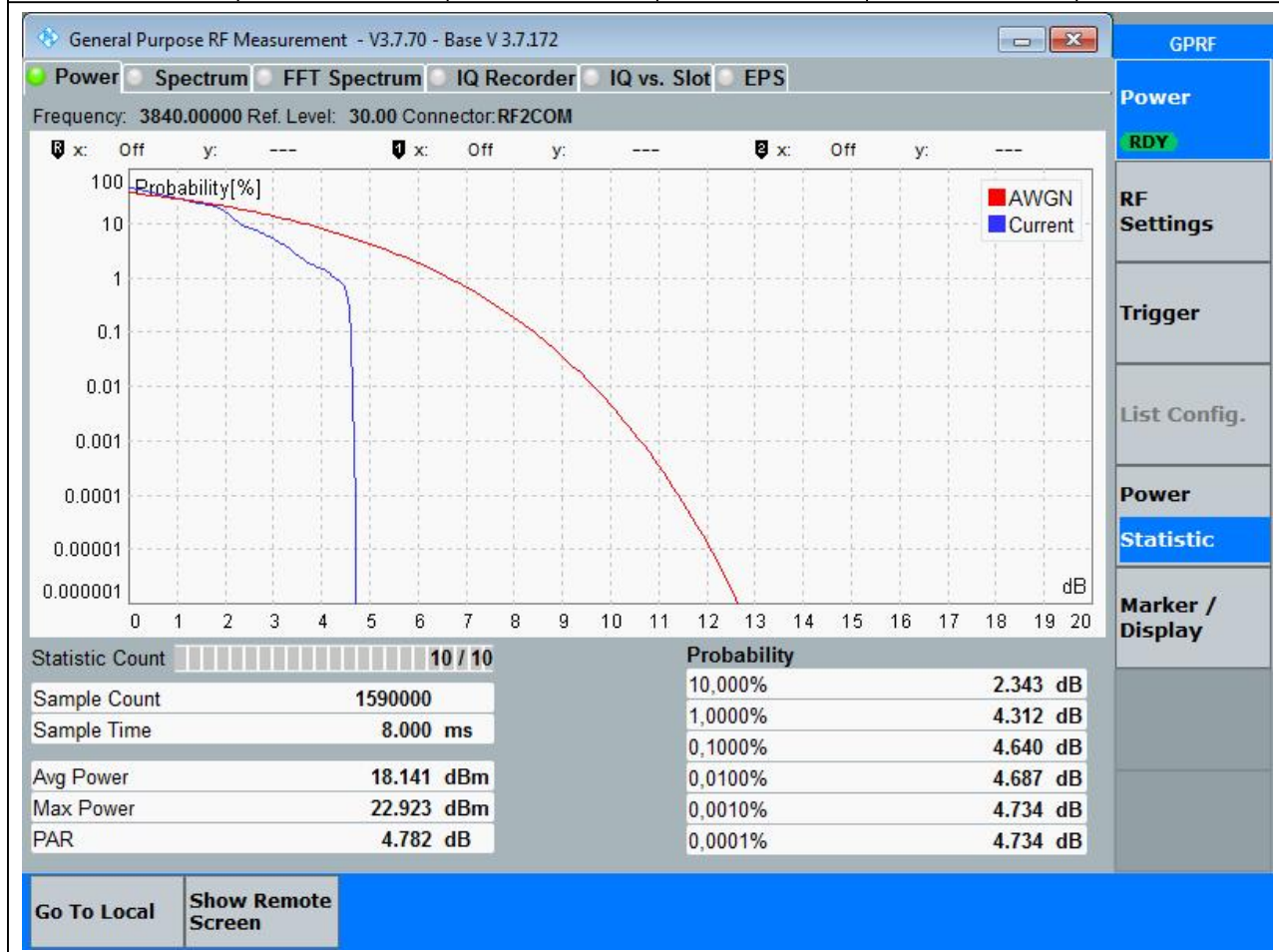
9.12. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	4.31	13	Pass



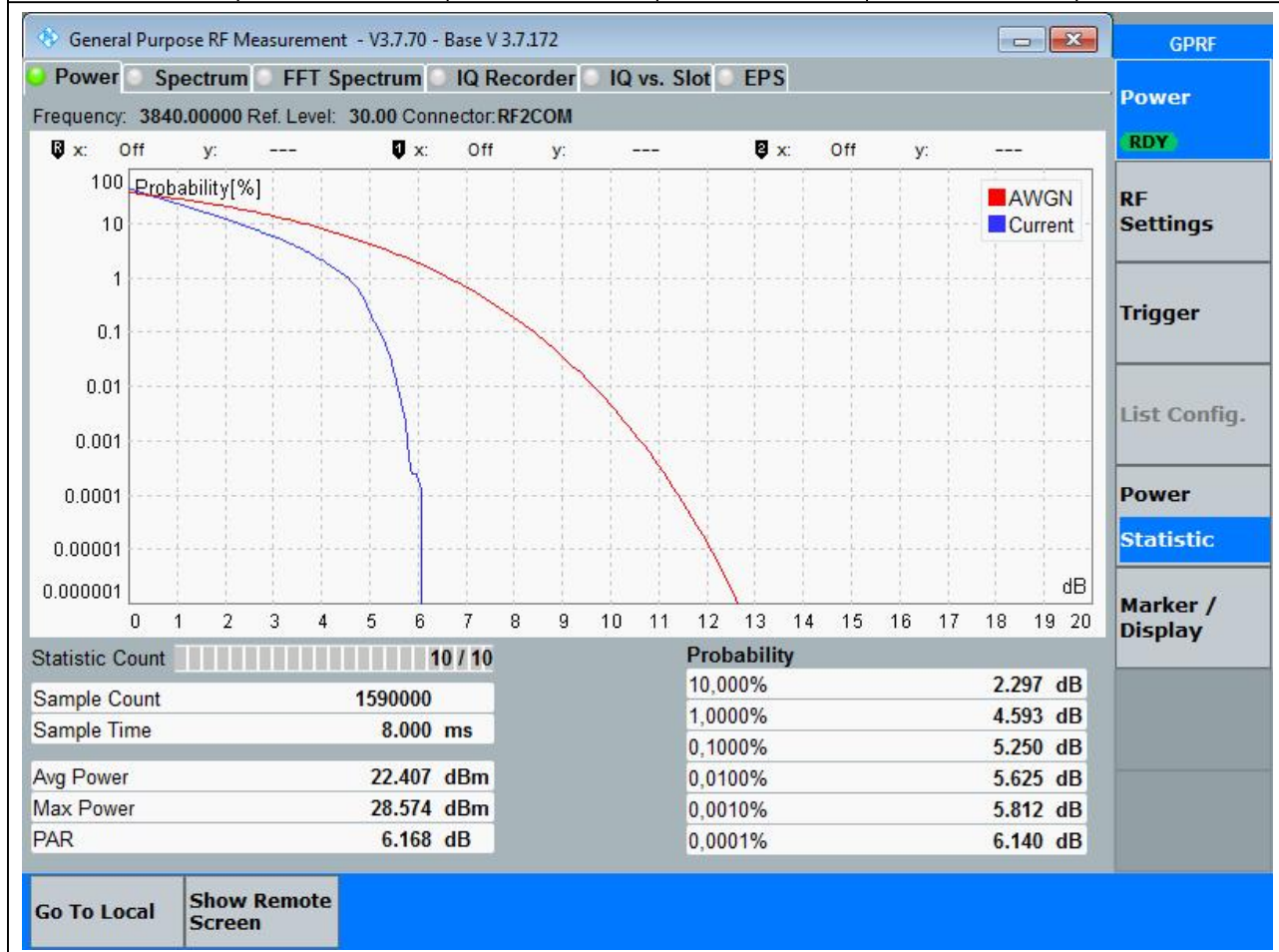
9.13. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	4.64	13	Pass



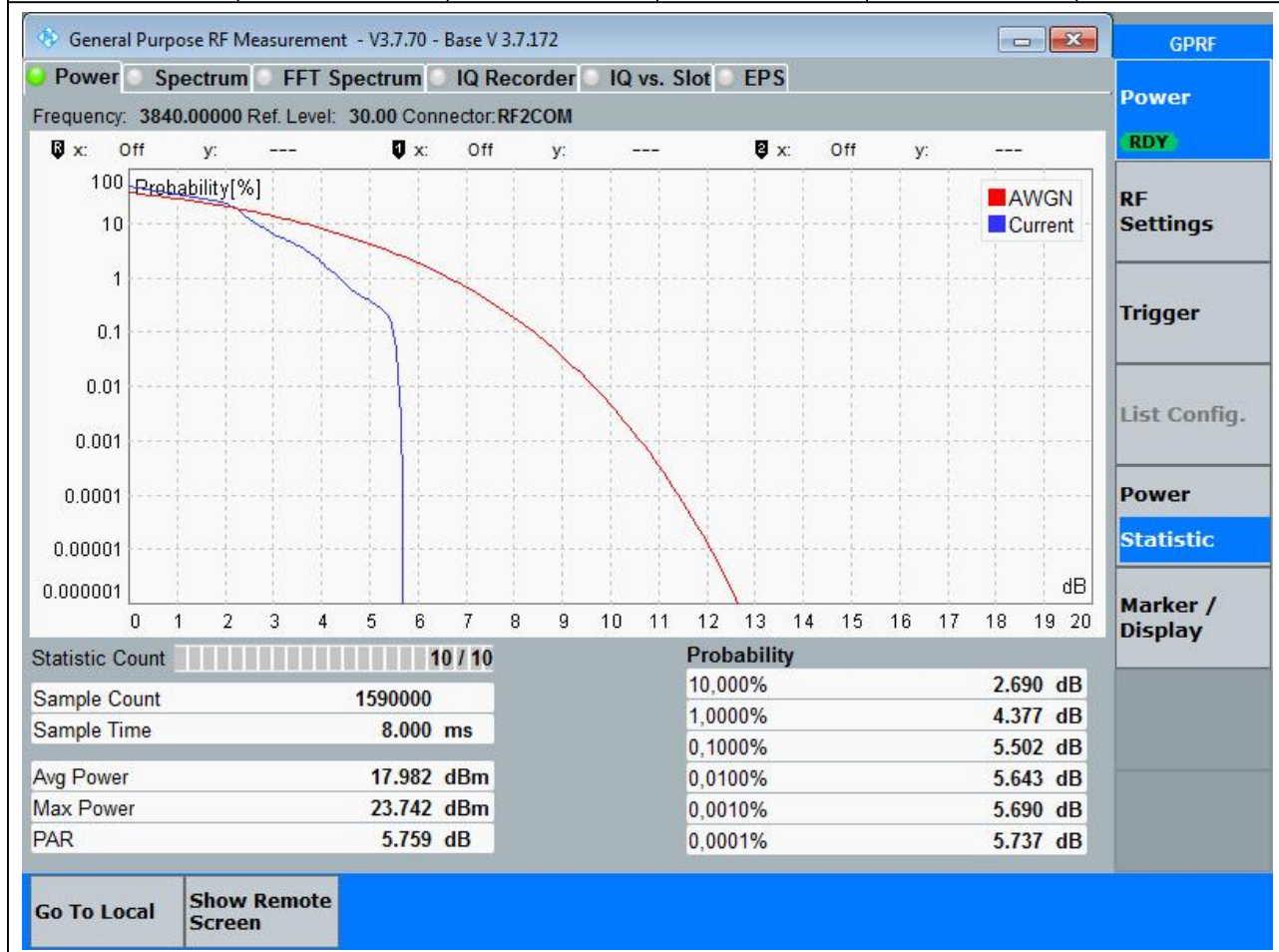
9.14. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	5.25	13	Pass



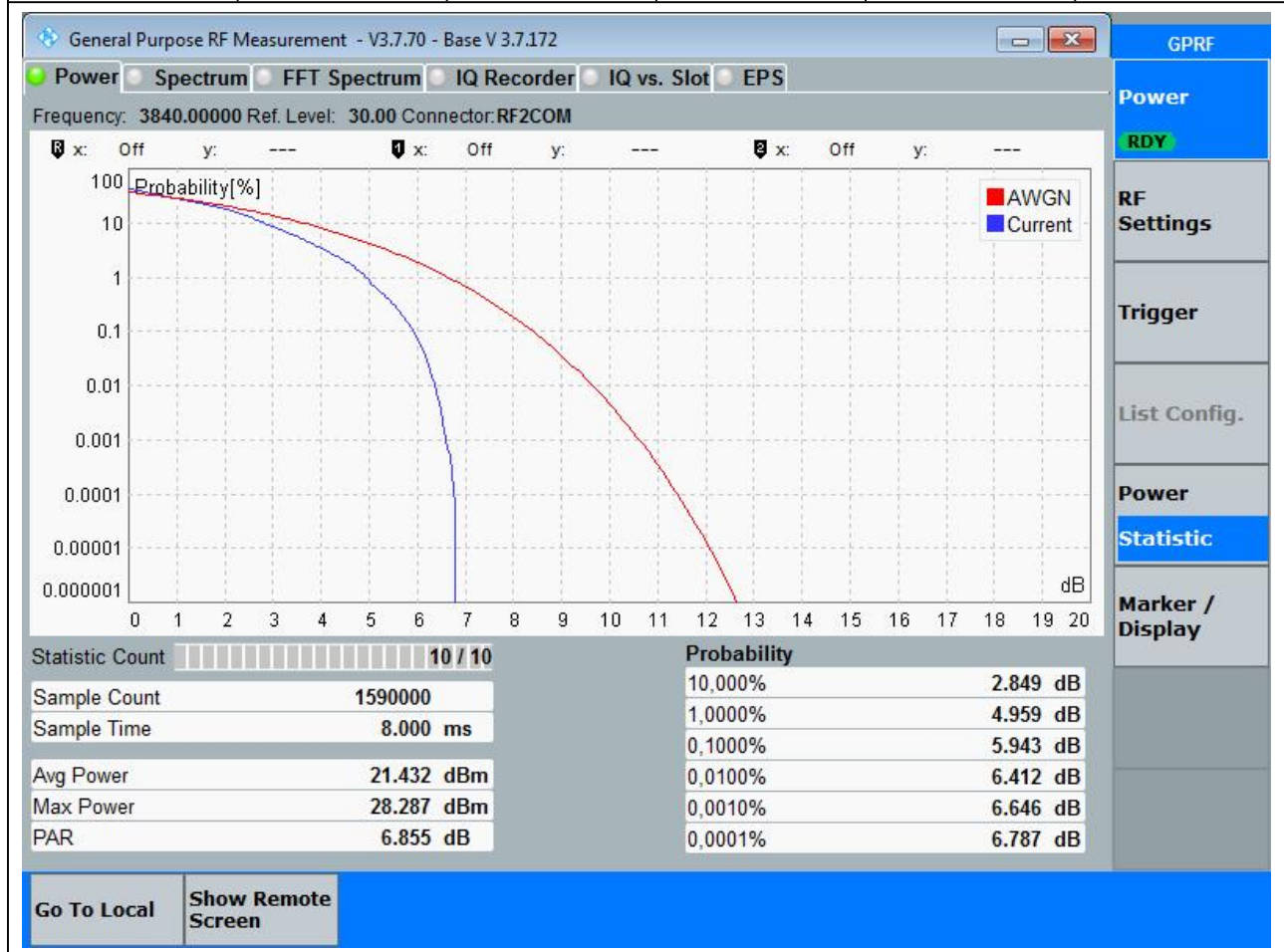
9.15. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	5.5	13	Pass



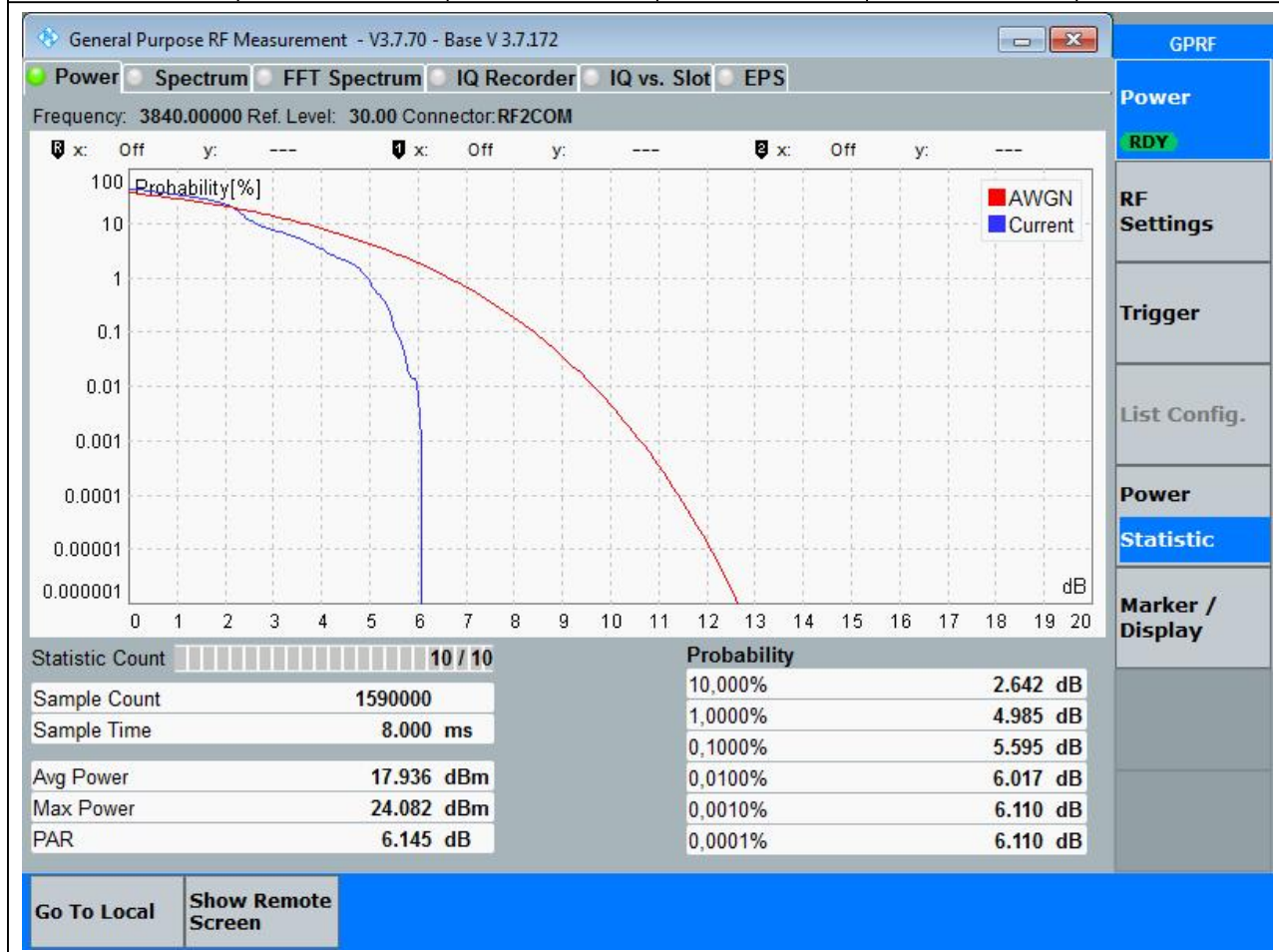
9.16. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	5.94	13	Pass



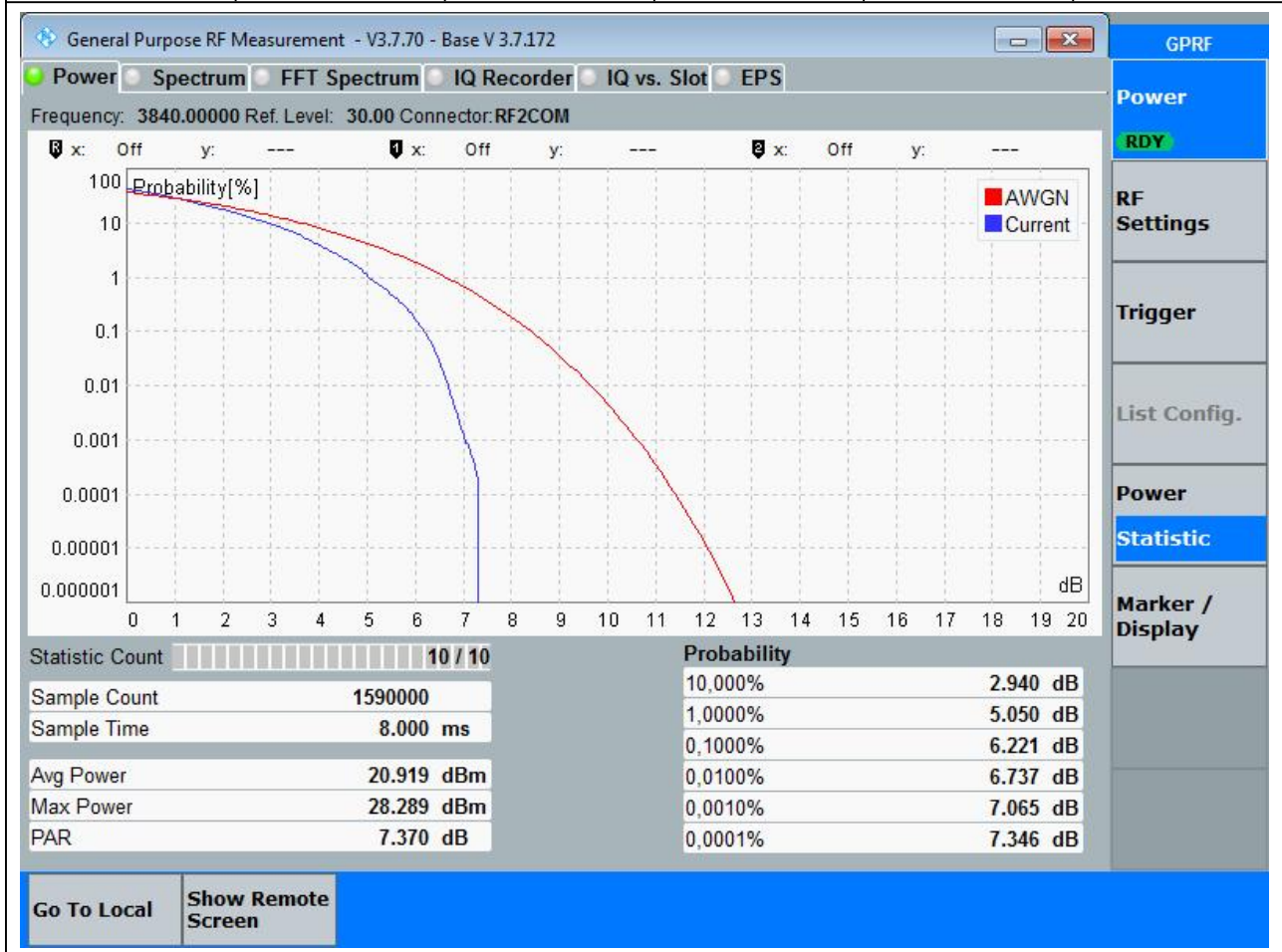
9.17. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	5.59	13	Pass



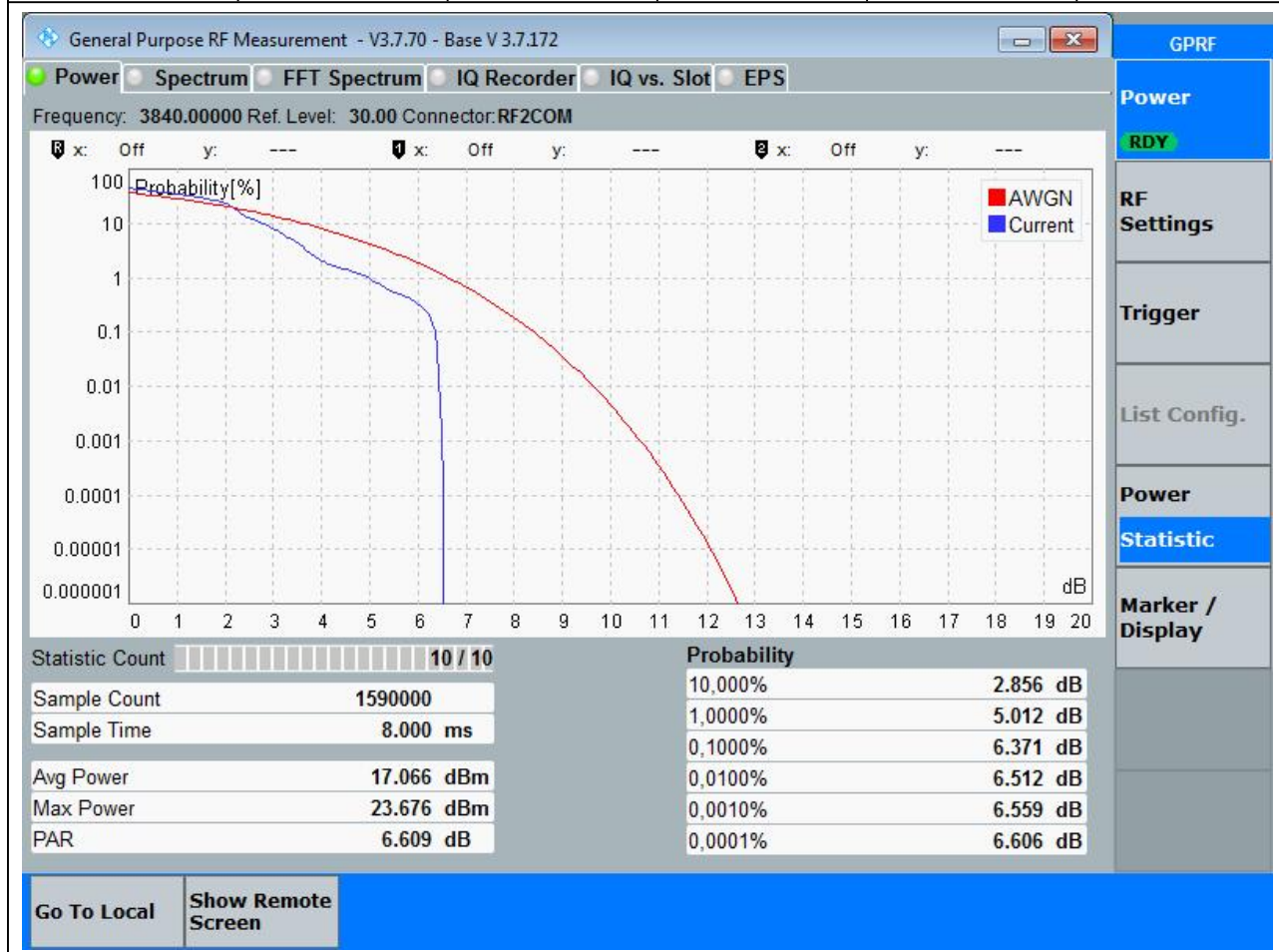
9.18. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	6.22	13	Pass



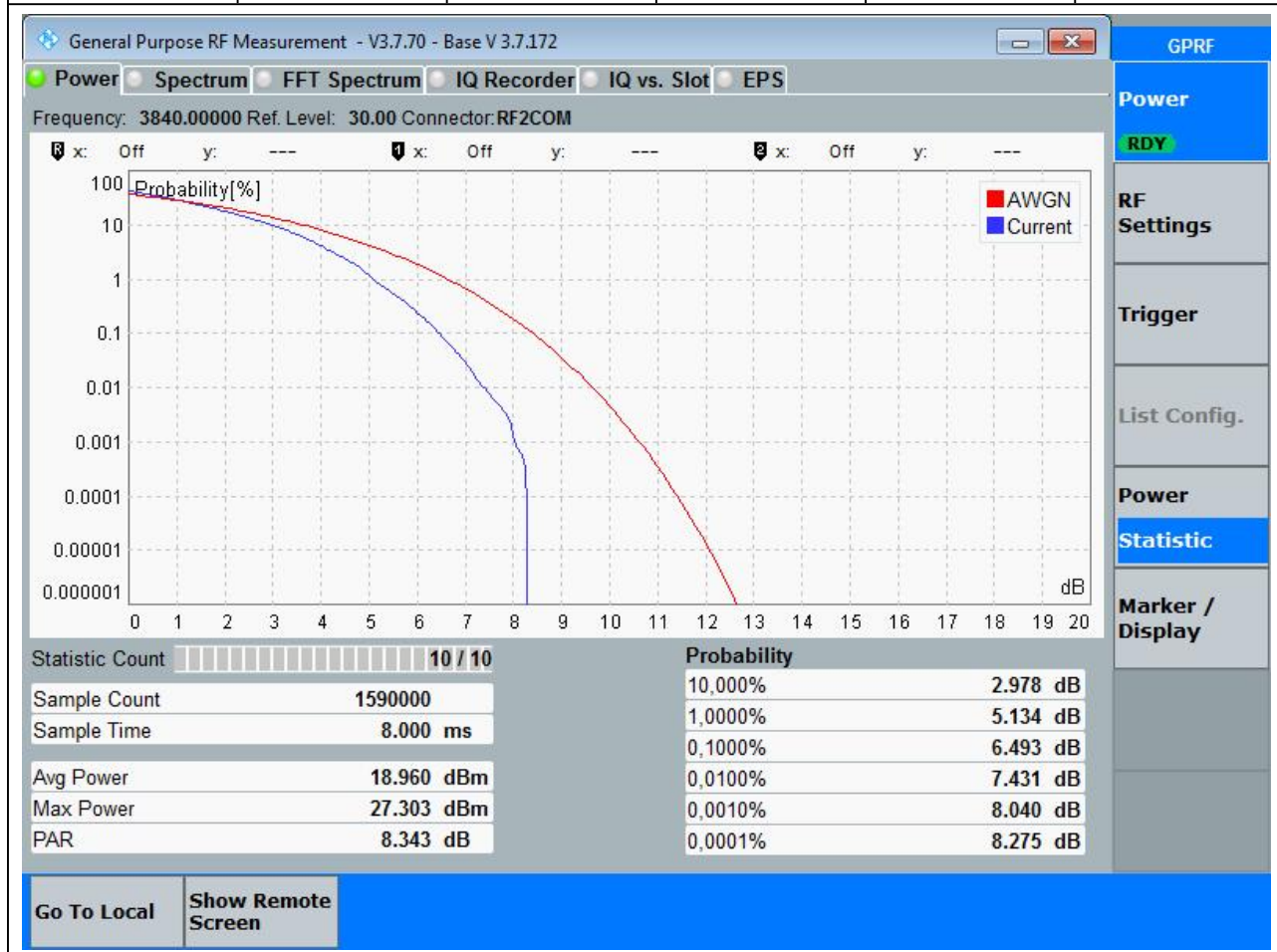
9.19. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	6.37	13	Pass



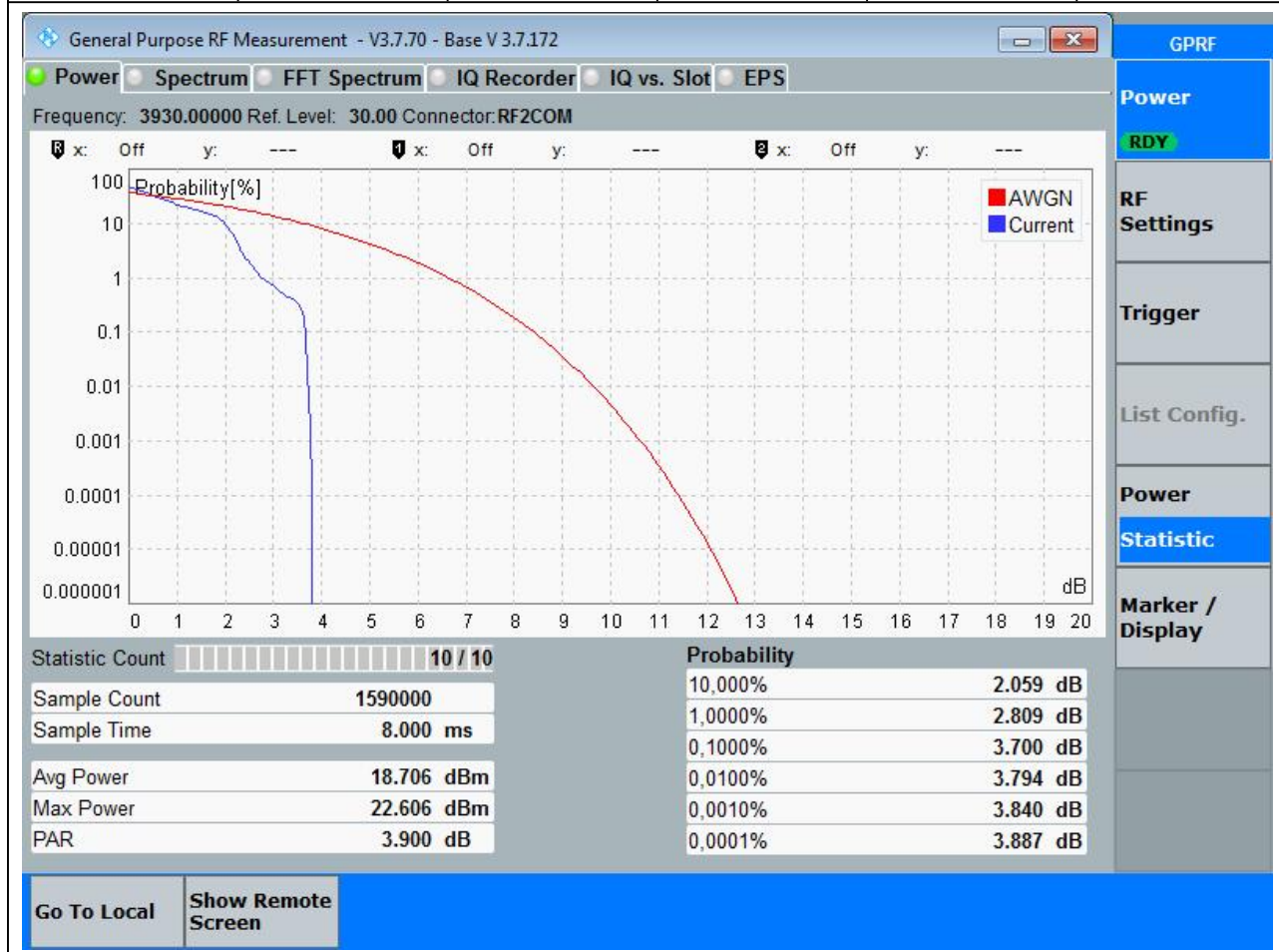
9.20. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:656000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3840	0.1	100	6.49	13	Pass



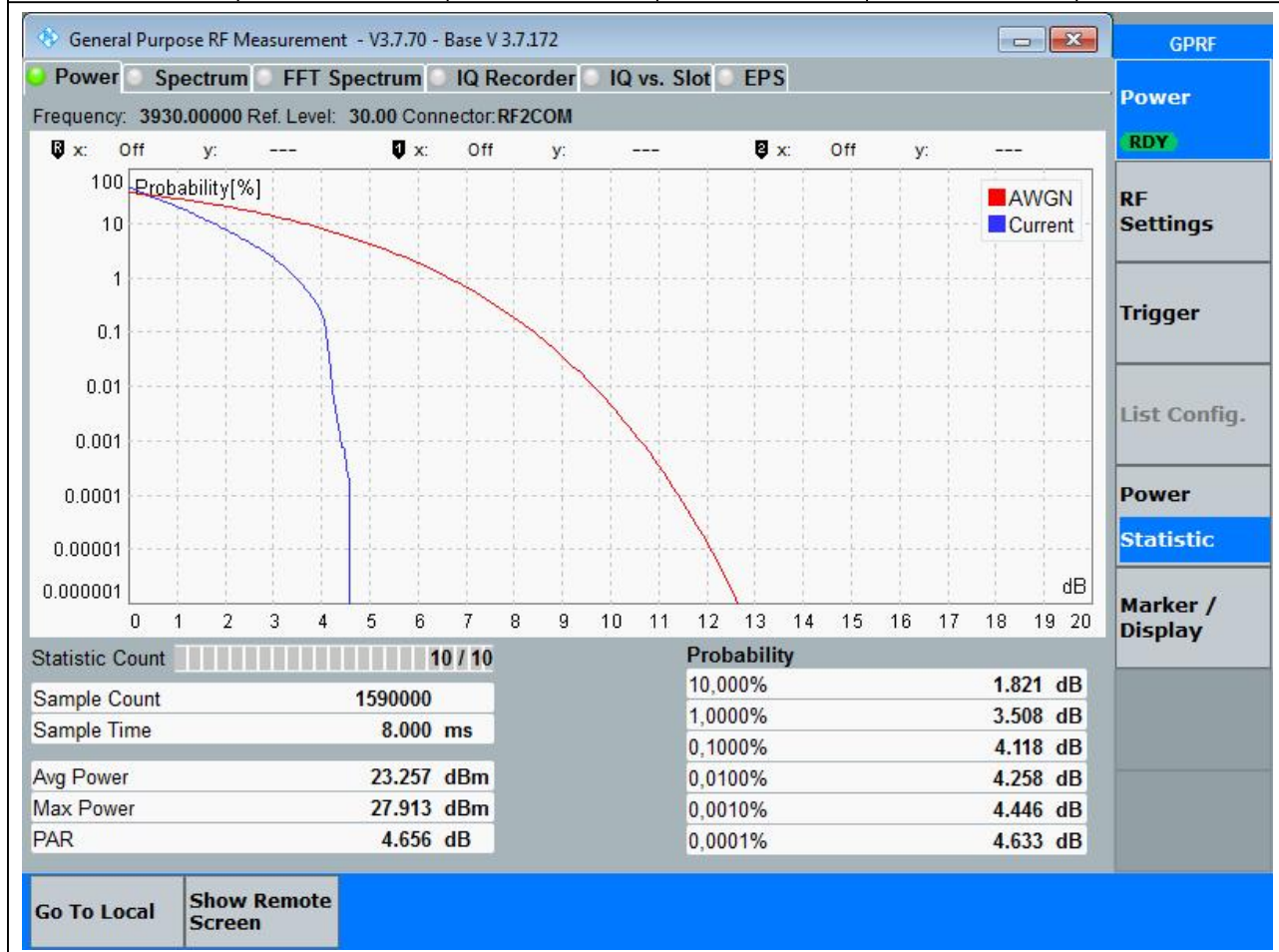
9.21. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	3.7	13	Pass



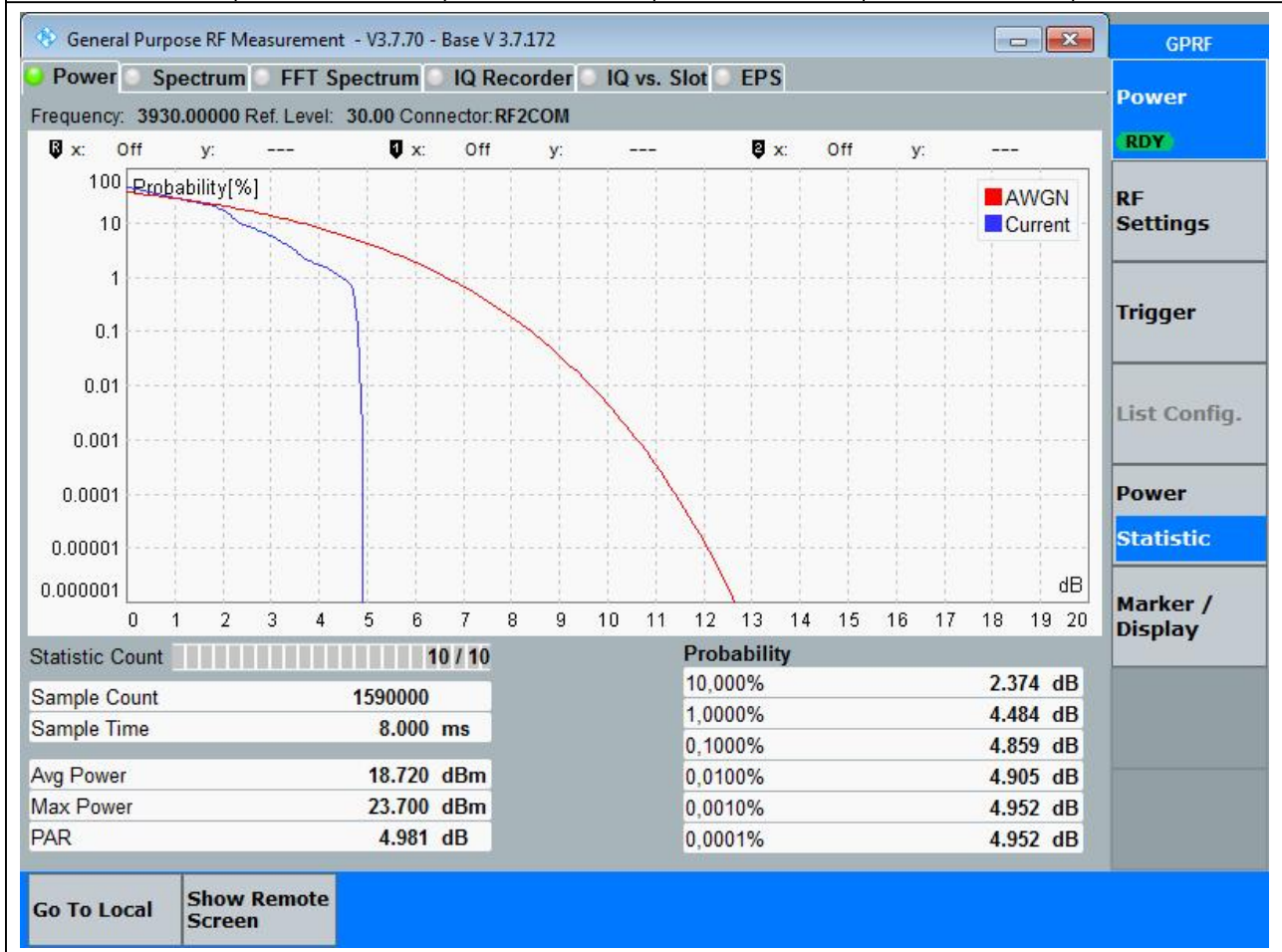
9.22. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	4.12	13	Pass



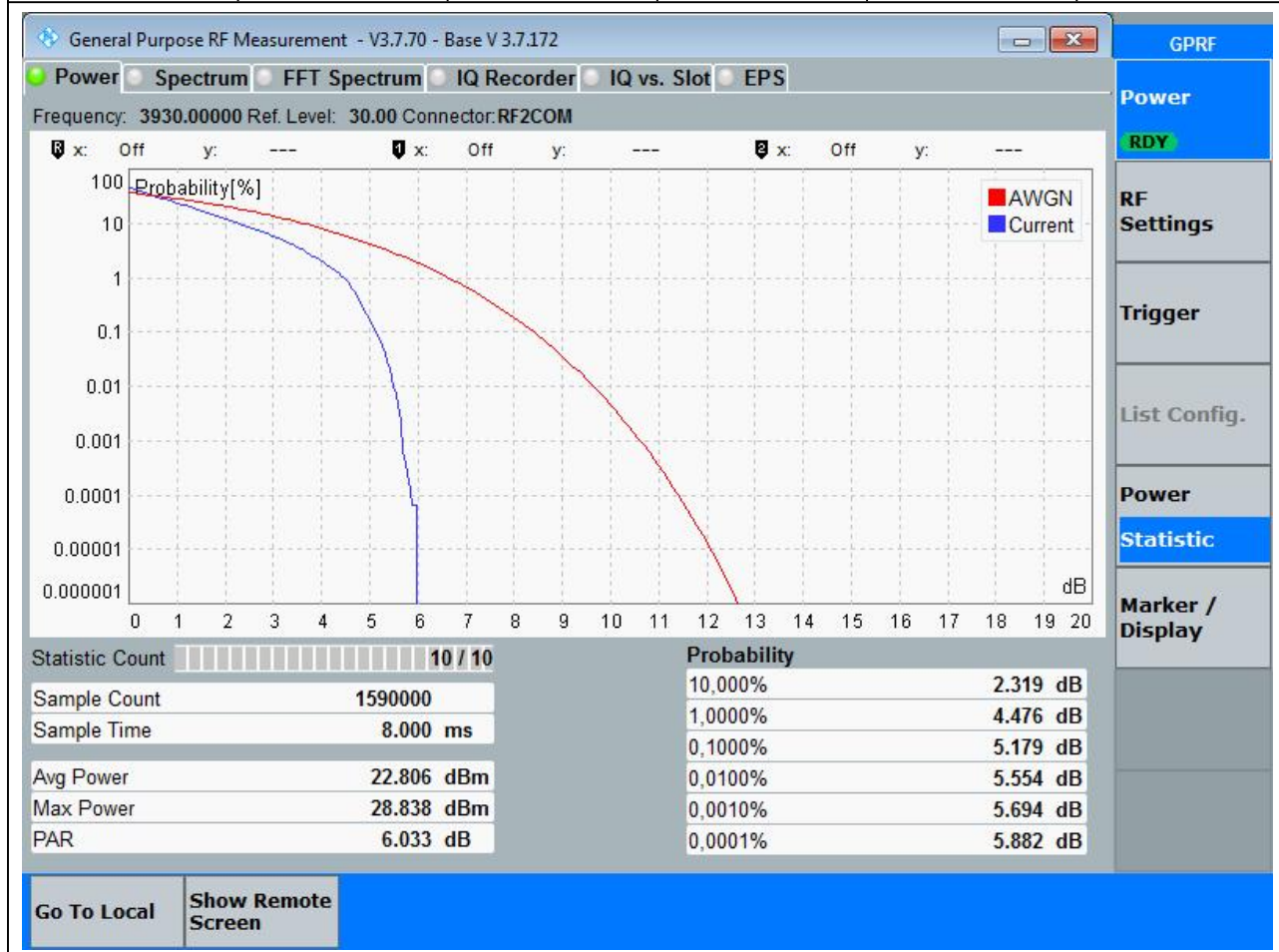
9.23. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	4.86	13	Pass



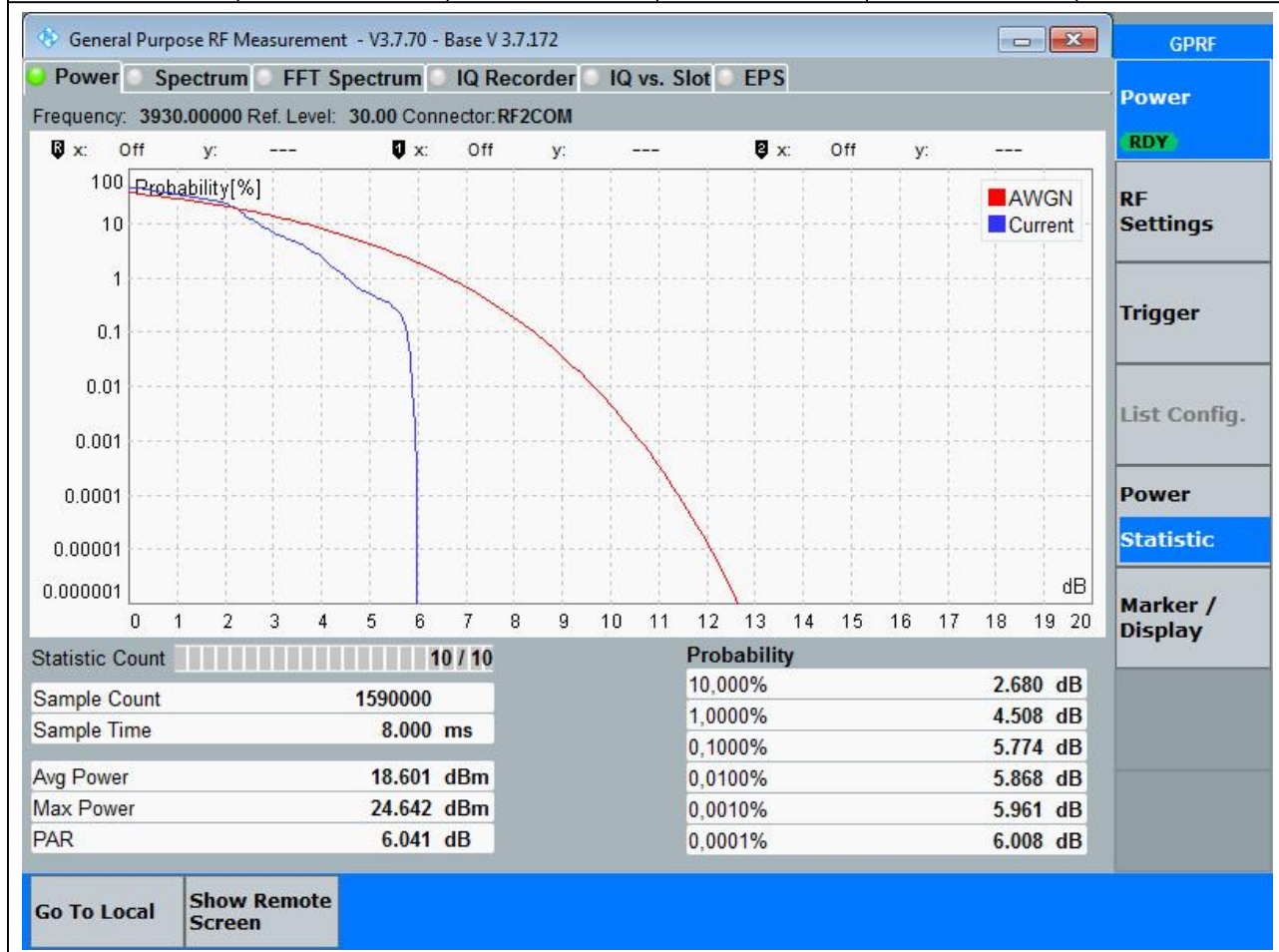
9.24. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	5.18	13	Pass



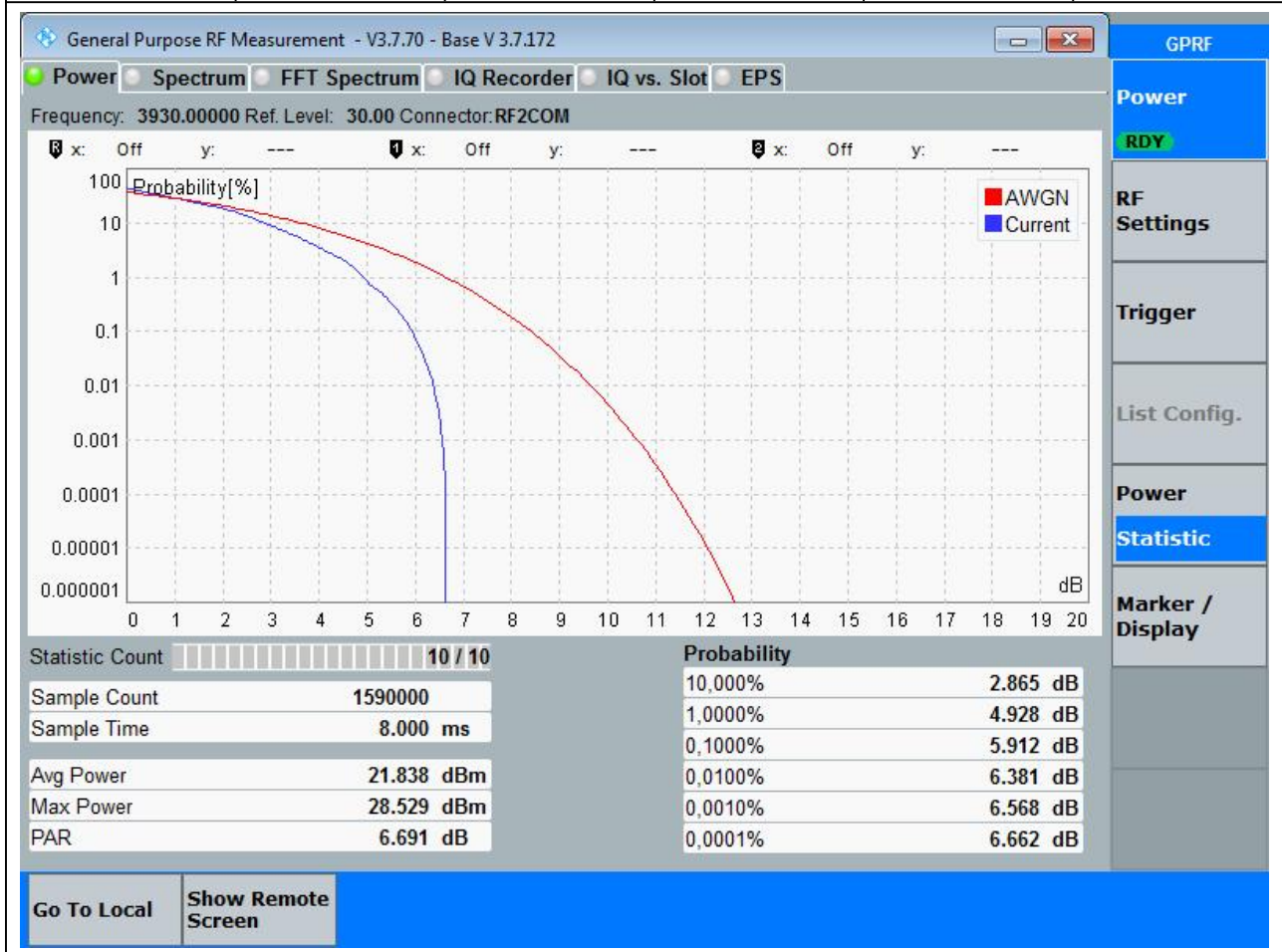
9.25. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	5.77	13	Pass



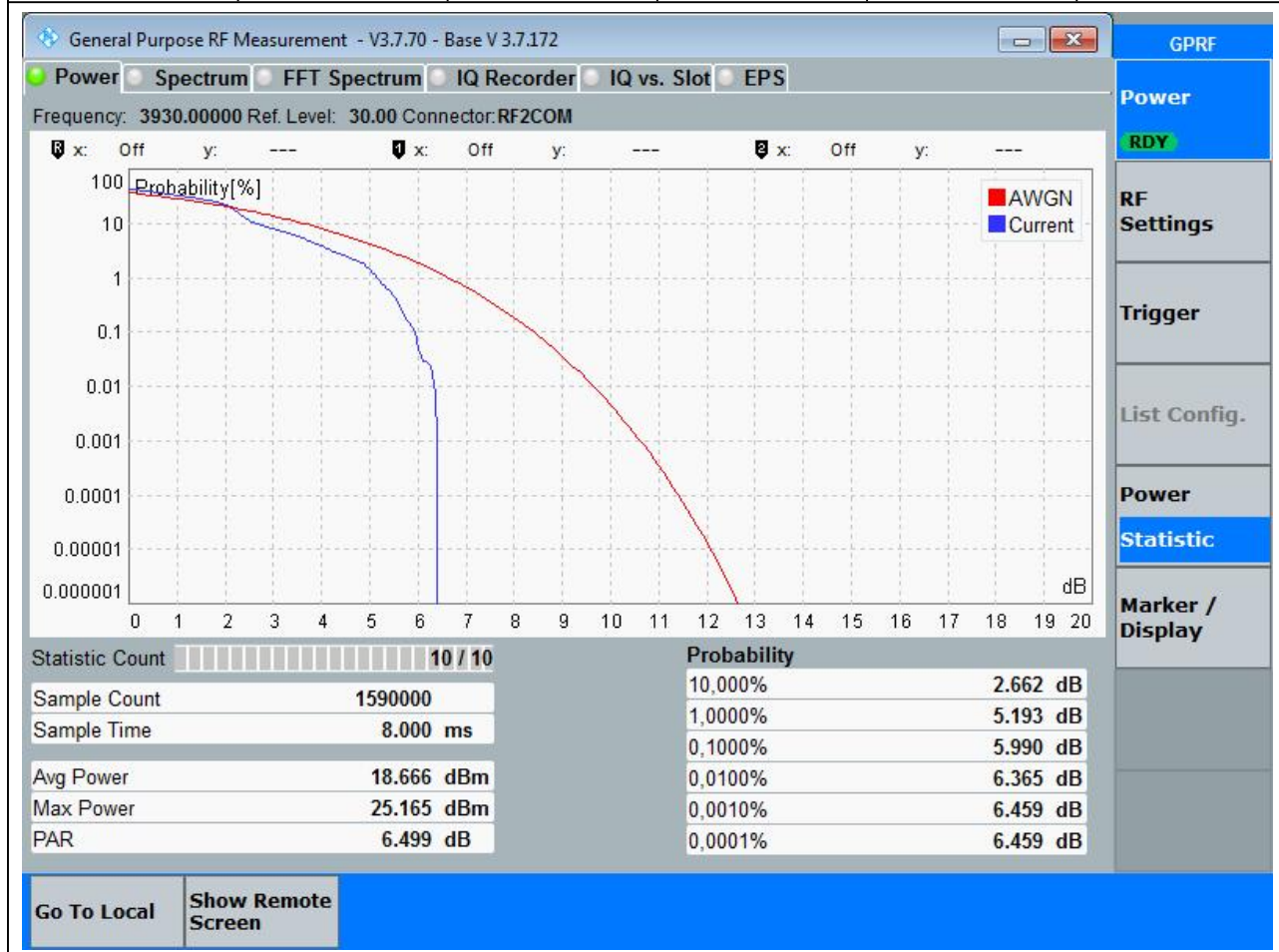
9.26. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	5.91	13	Pass



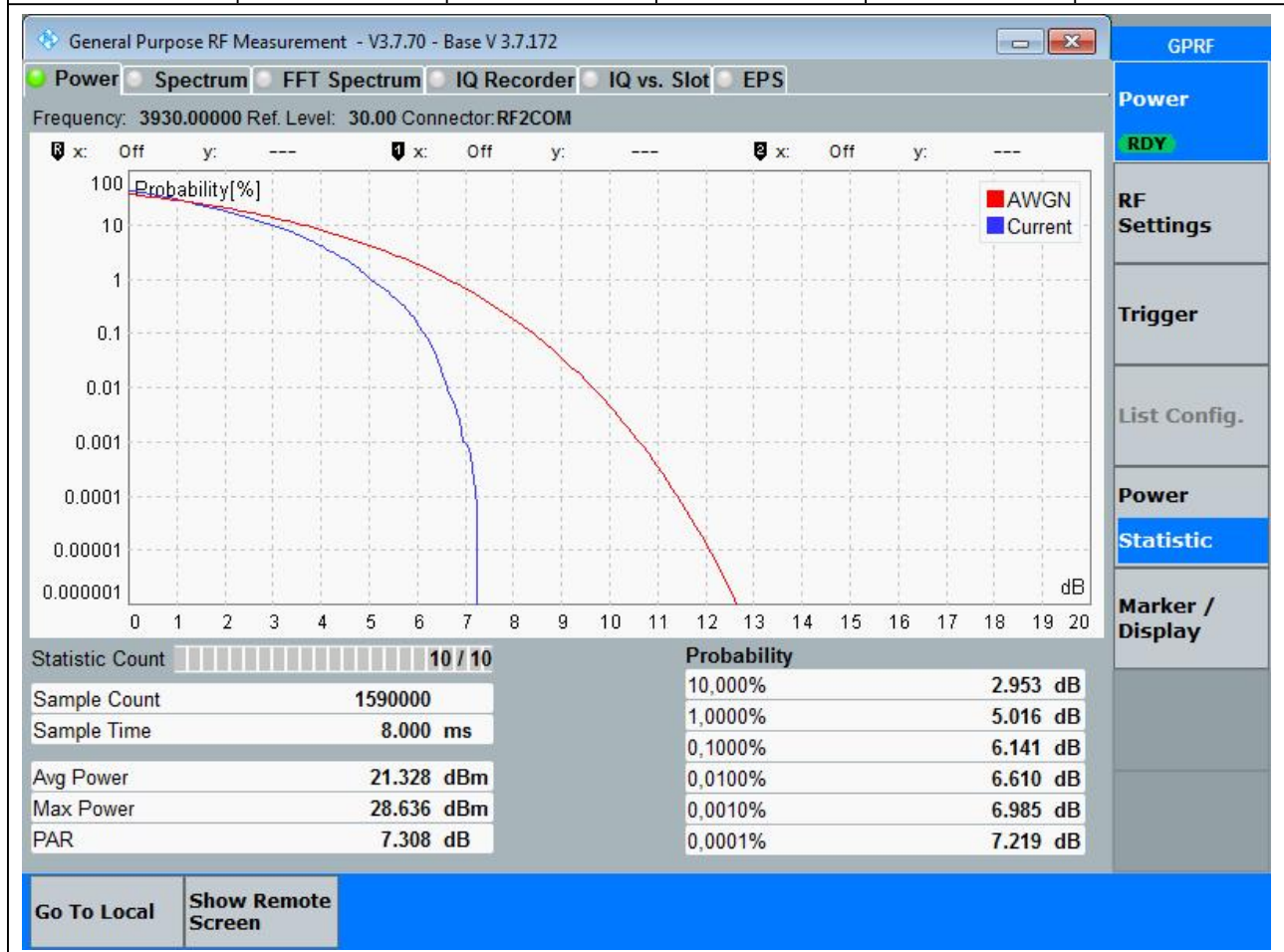
9.27. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	5.99	13	Pass



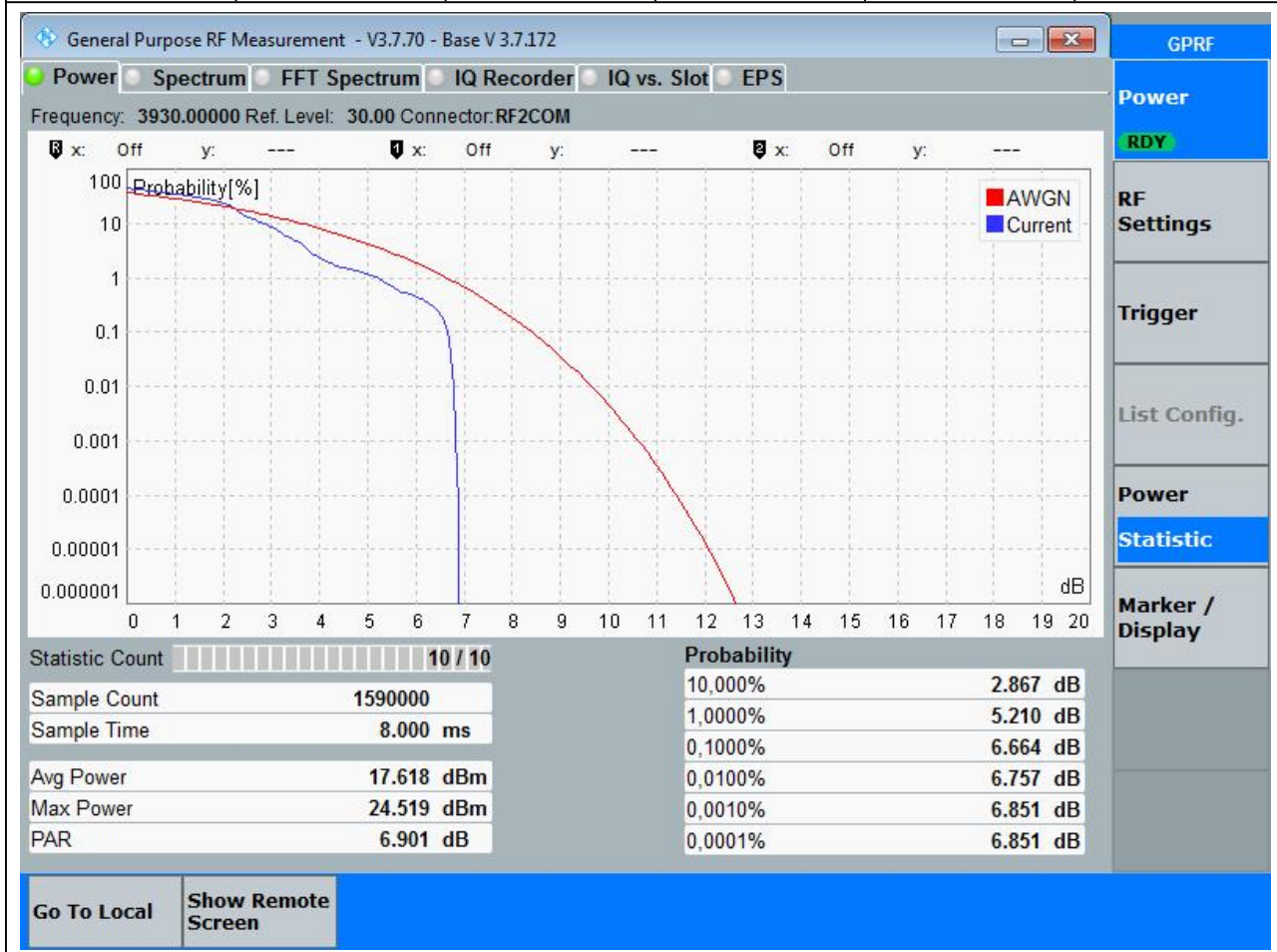
9.28. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	6.14	13	Pass



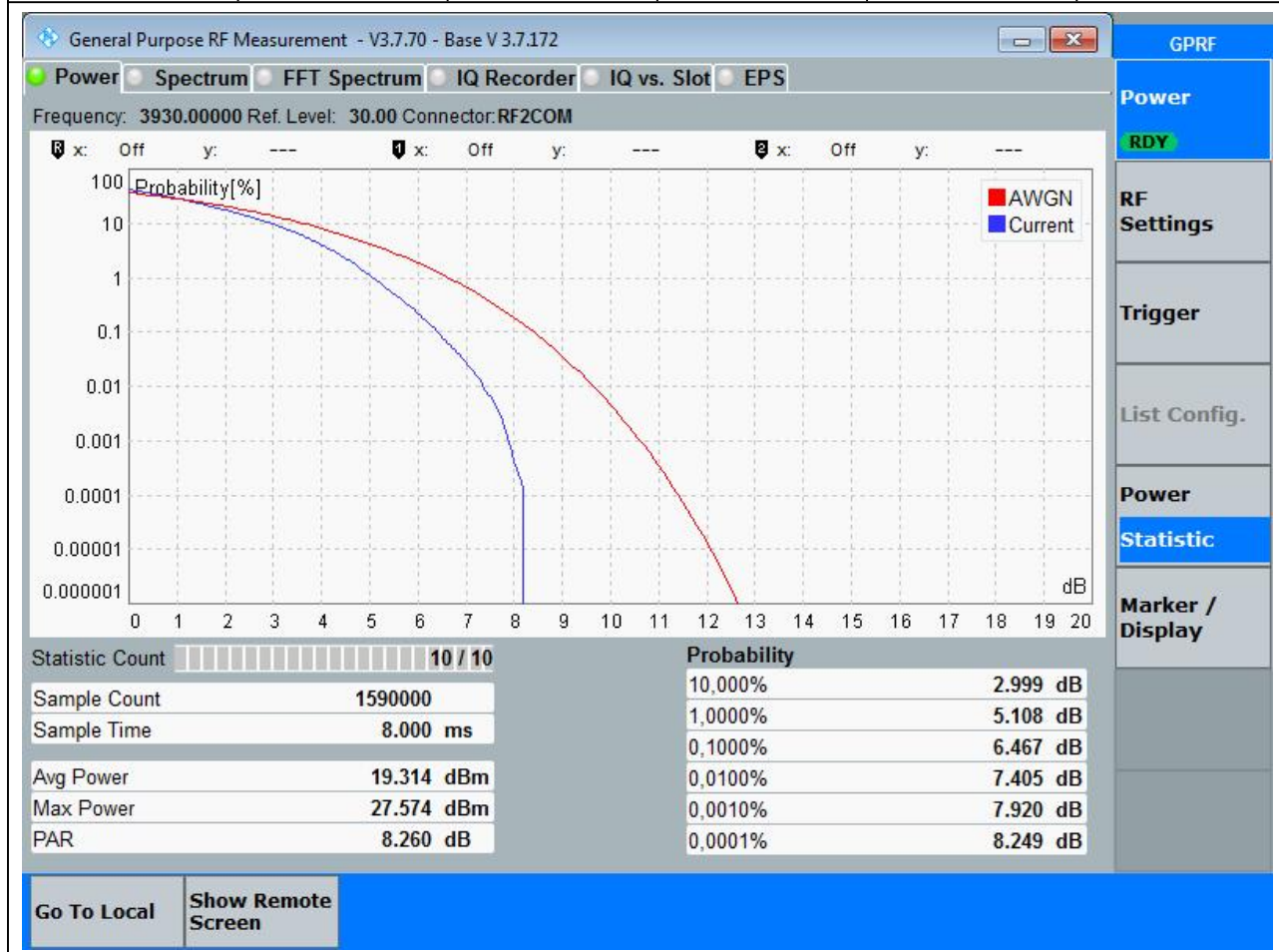
9.29. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	6.66	13	Pass



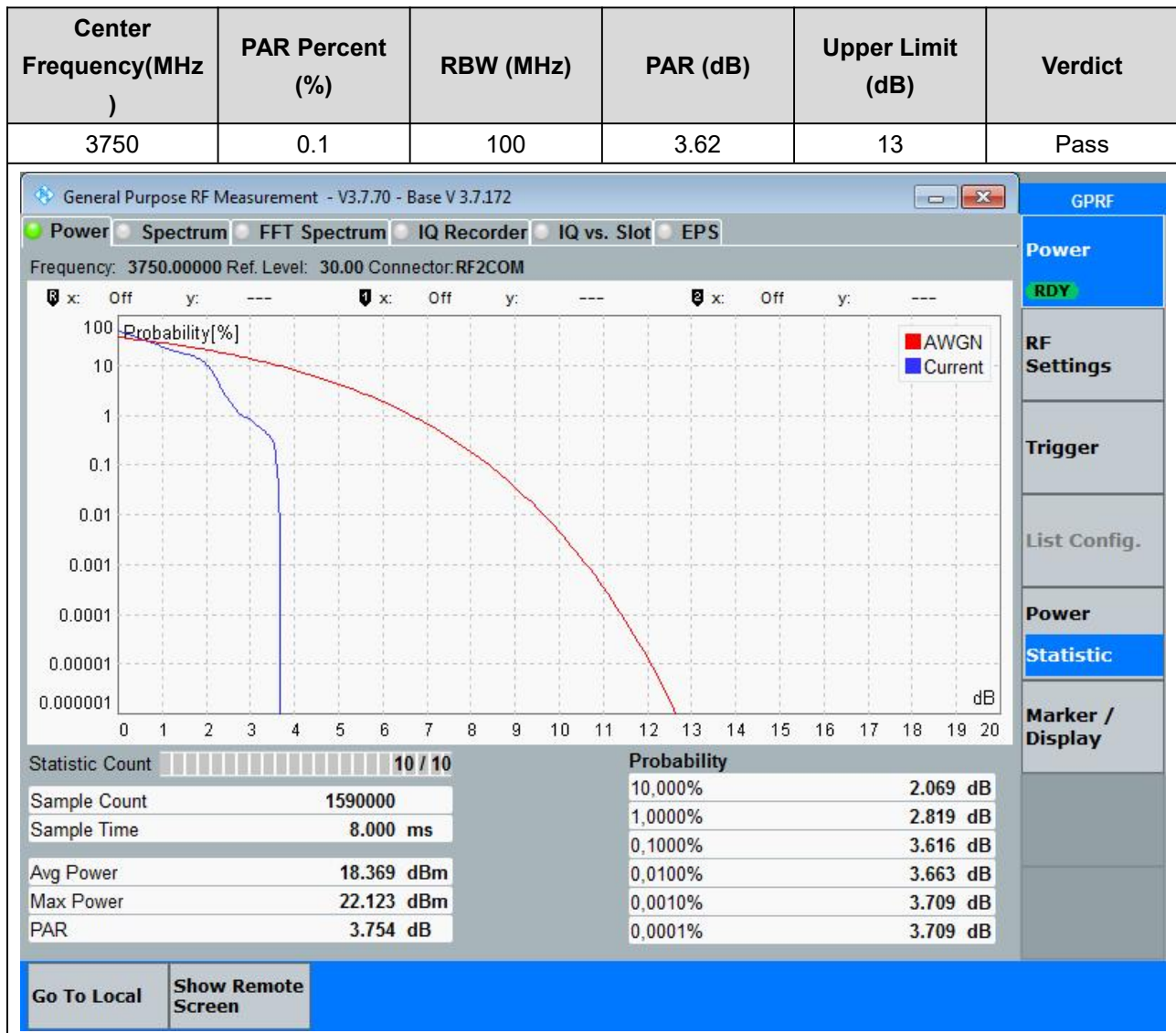
9.30. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:662000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3930	0.1	100	6.47	13	Pass



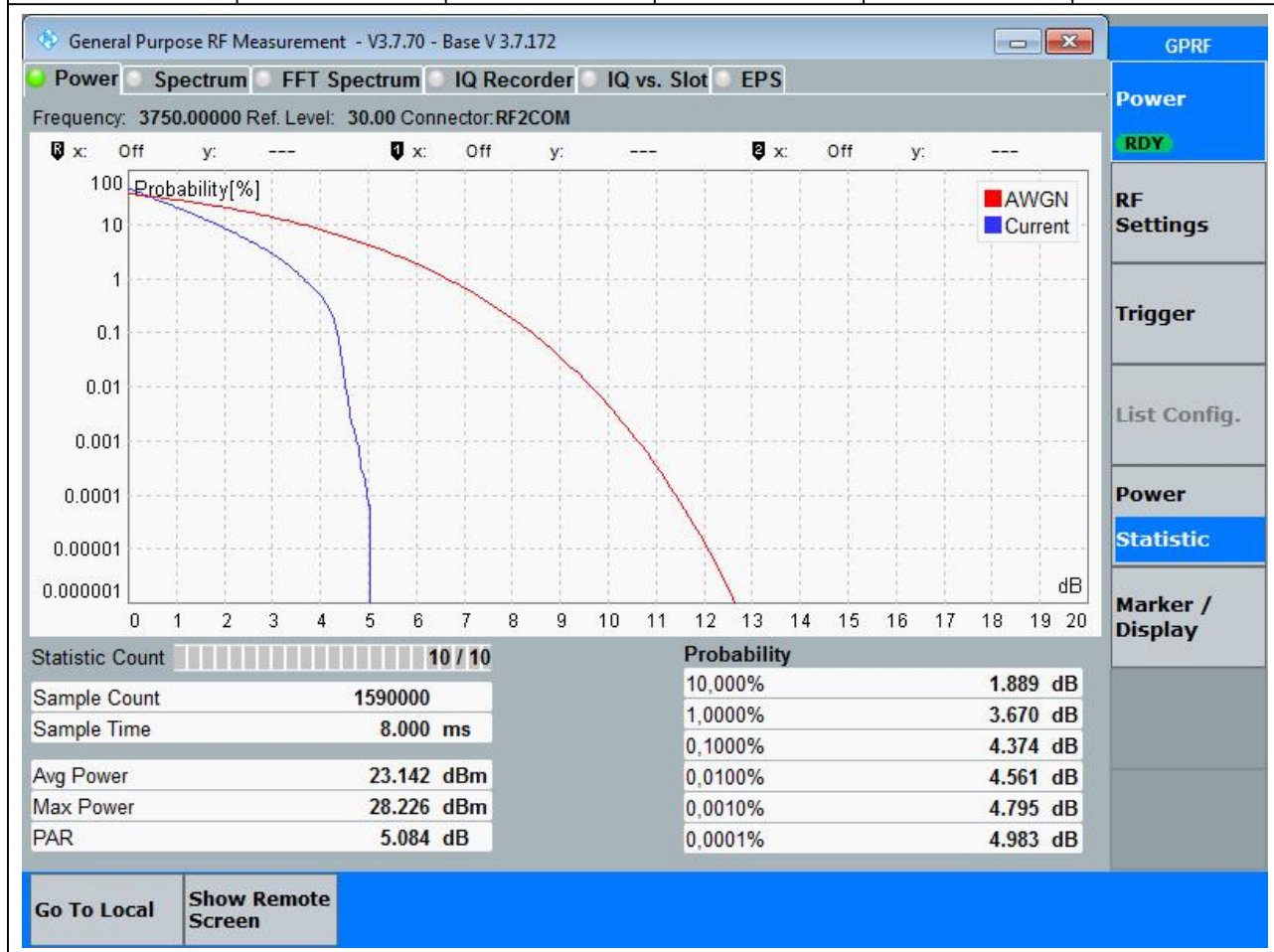
10. n78 (3700-3800)

10.1. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



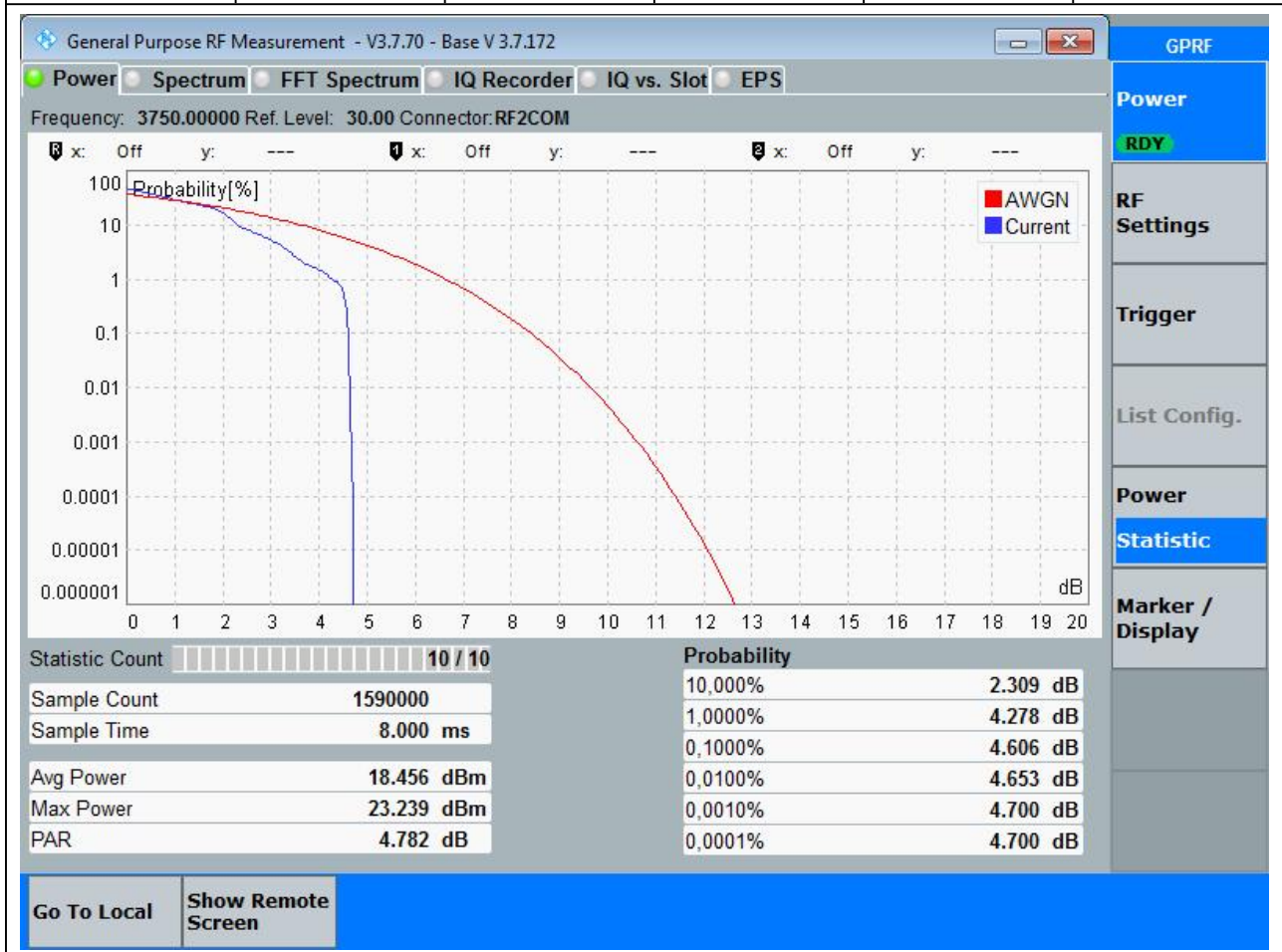
10.2. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	4.37	13	Pass



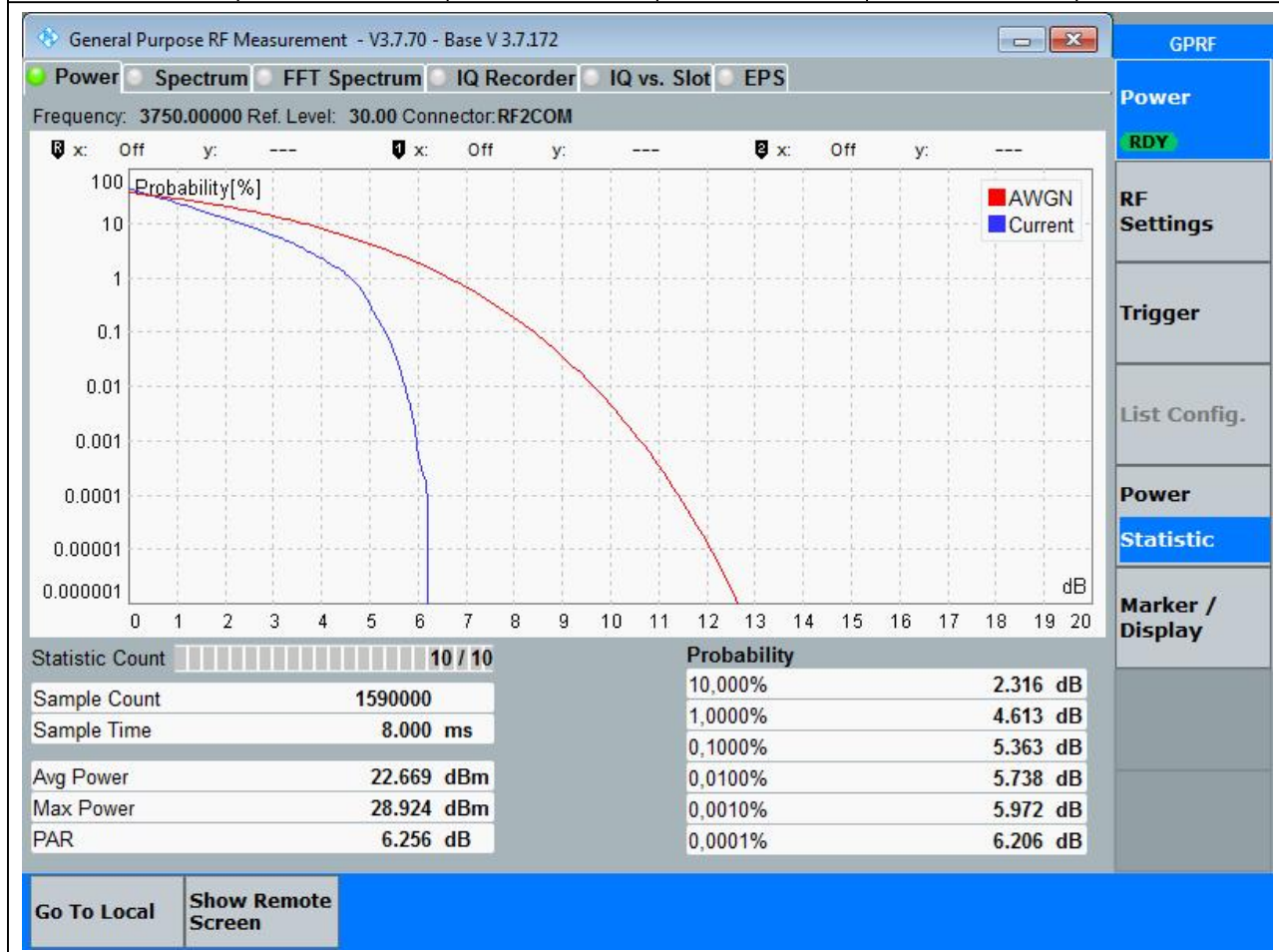
10.3. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	4.61	13	Pass



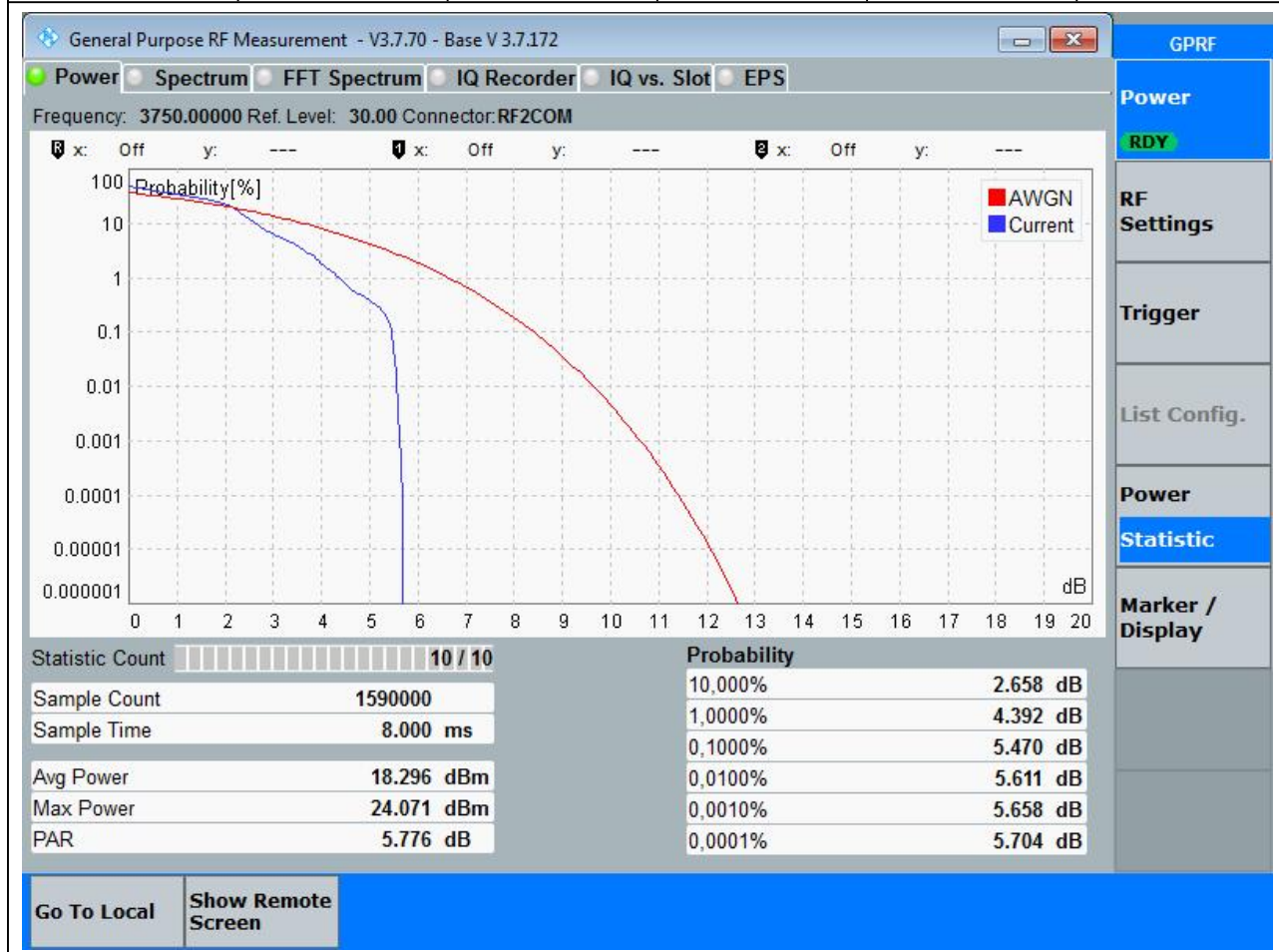
10.4. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	5.36	13	Pass



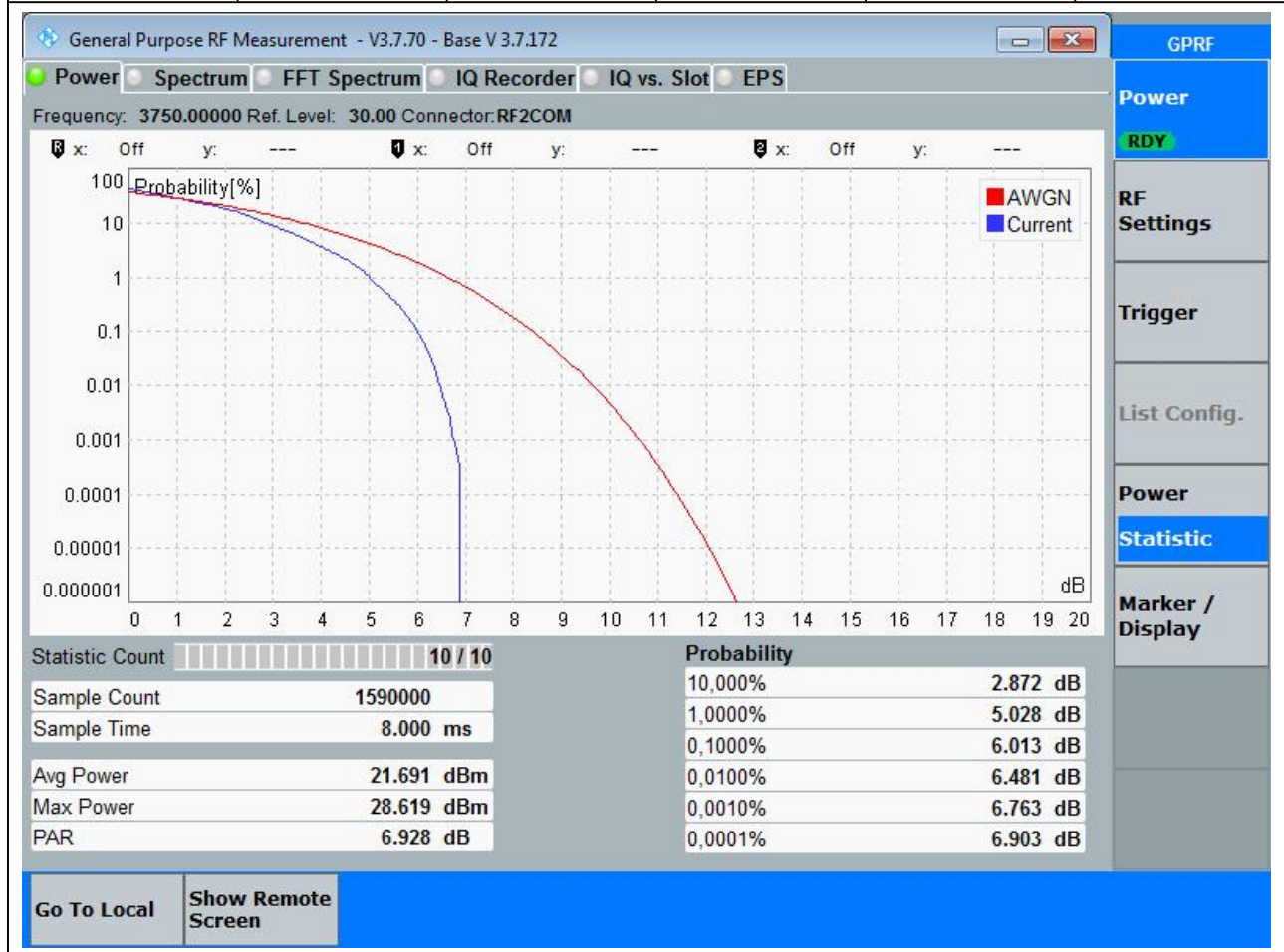
10.5. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	5.47	13	Pass



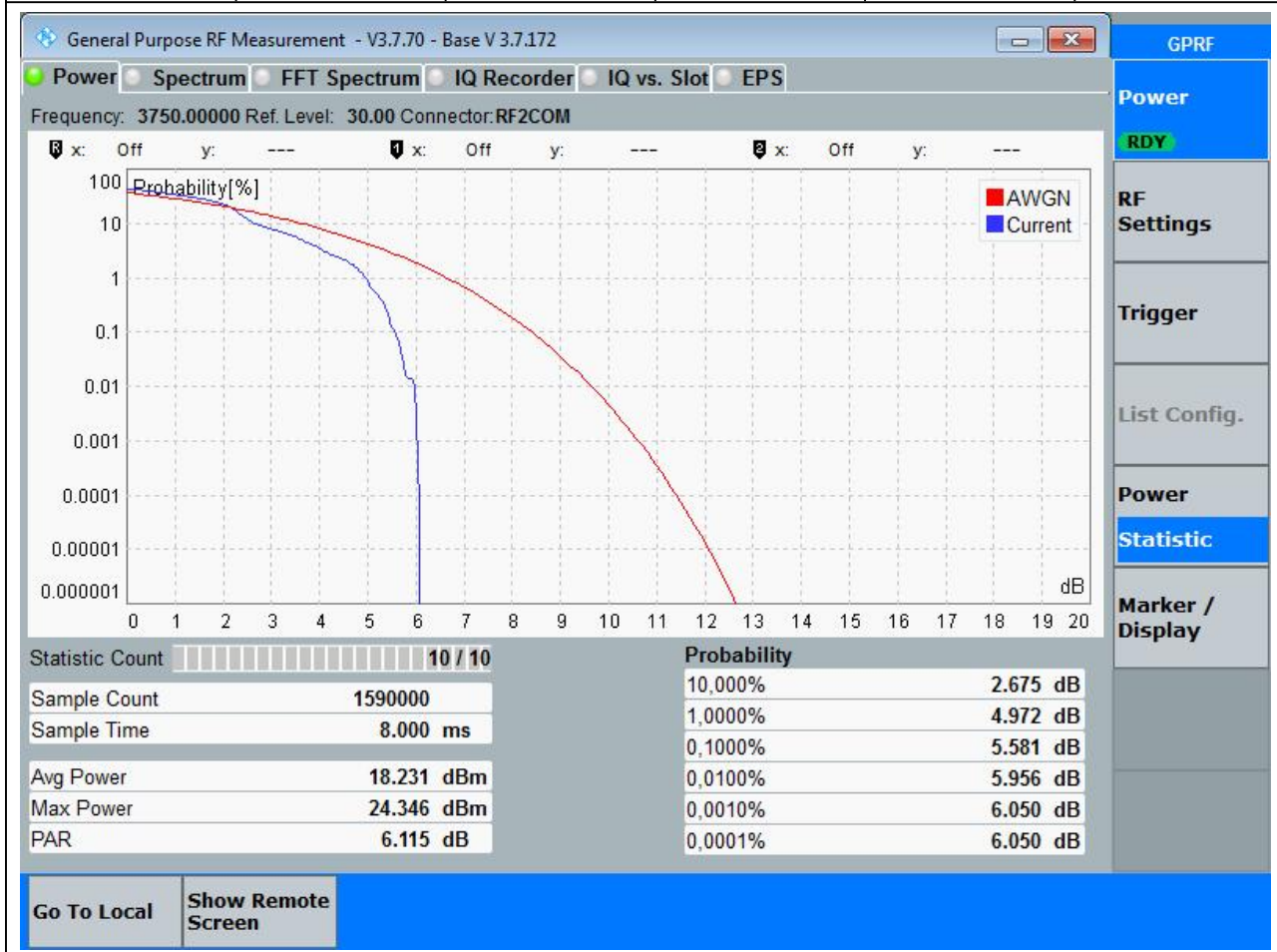
10.6. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	6.01	13	Pass



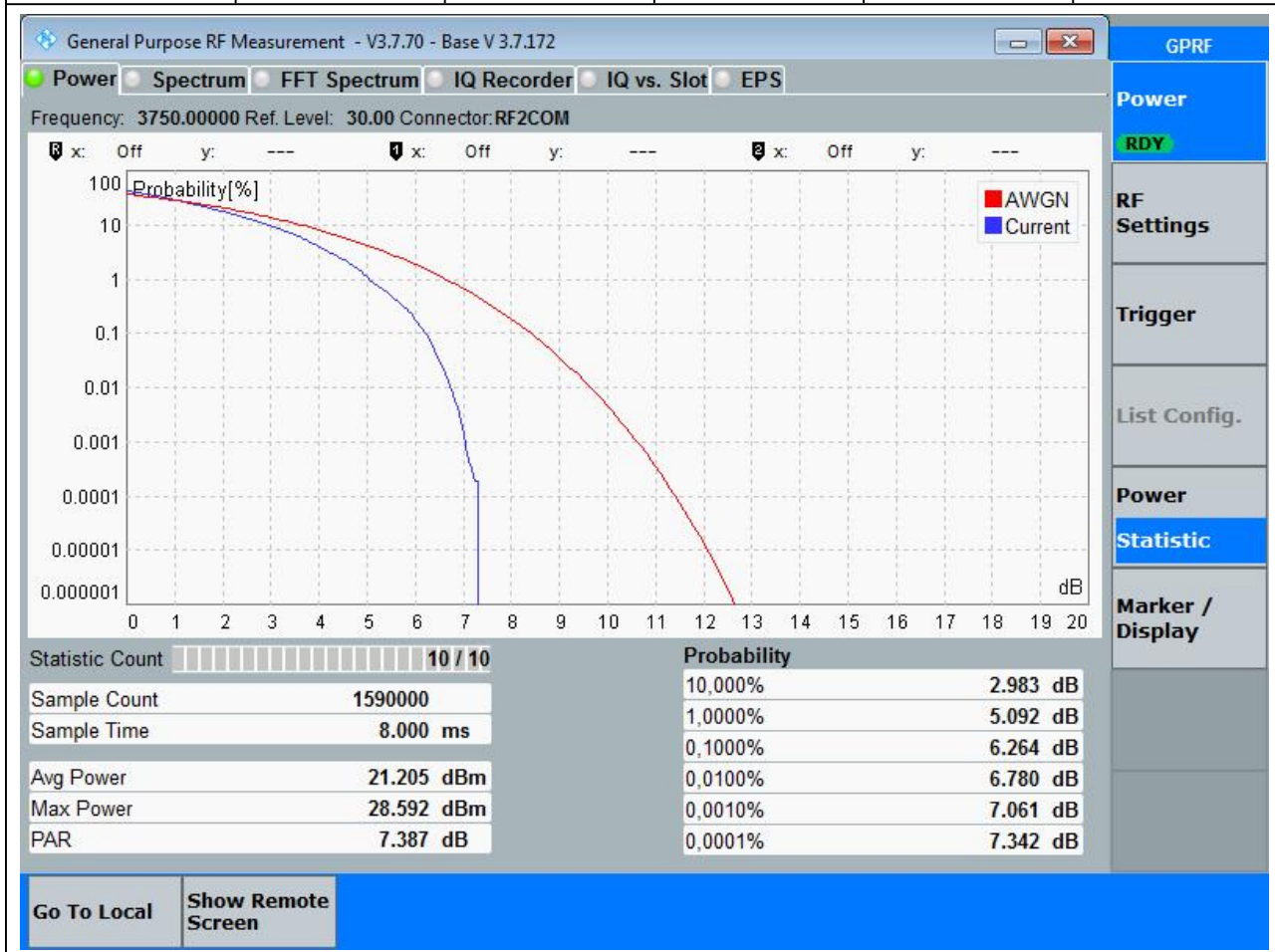
10.7. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	5.58	13	Pass



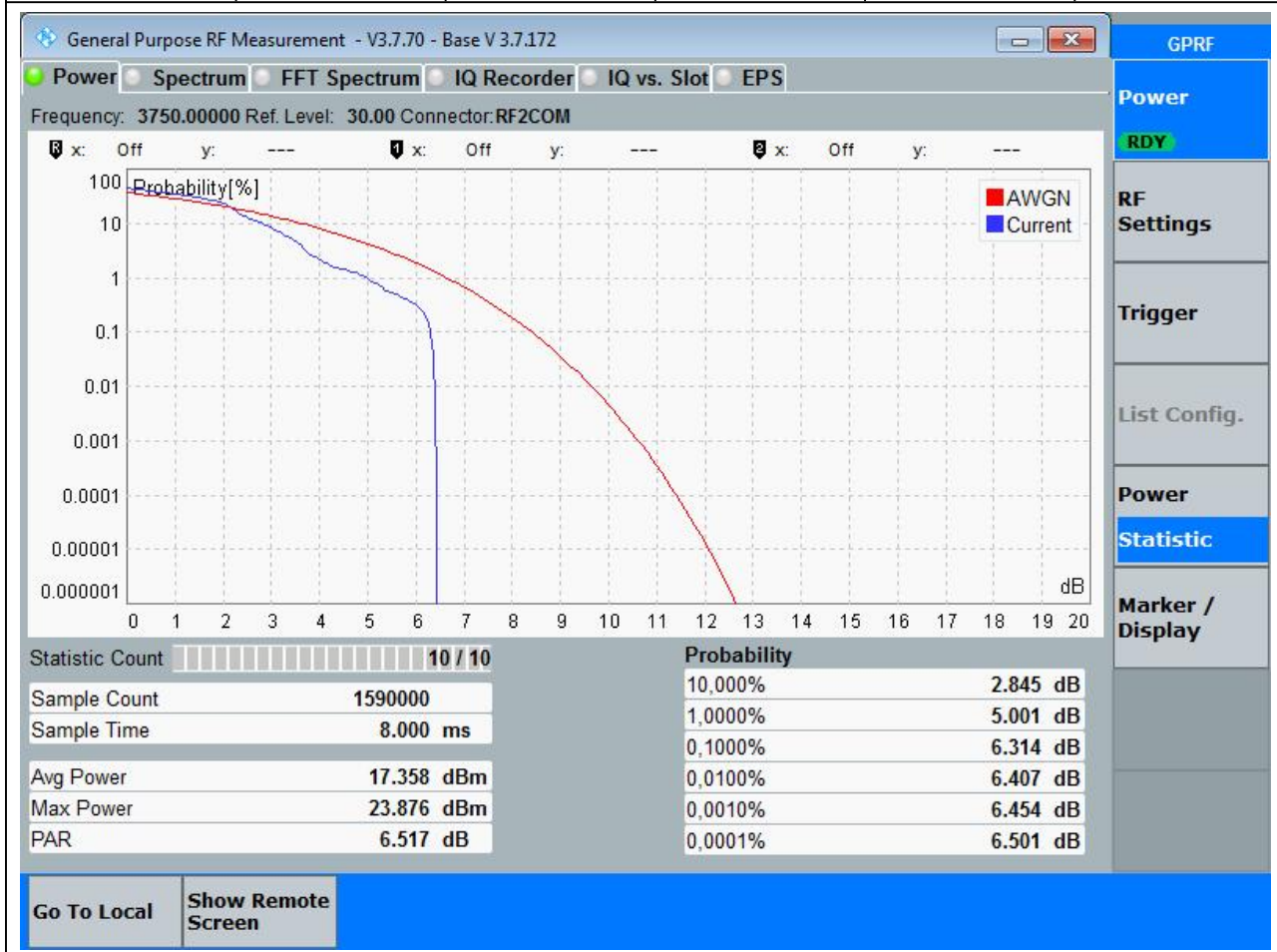
10.8. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	6.26	13	Pass



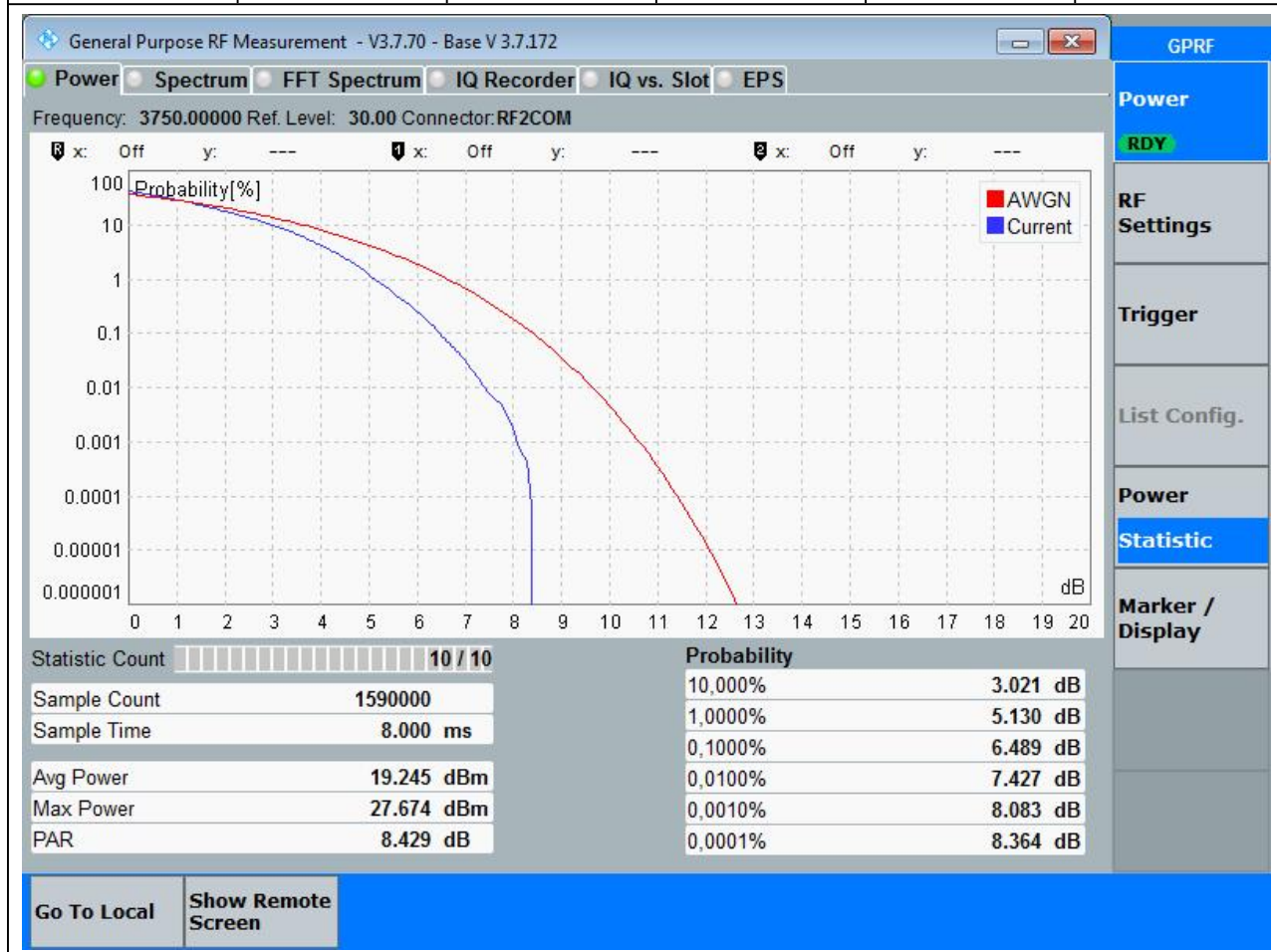
10.9. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	6.31	13	Pass



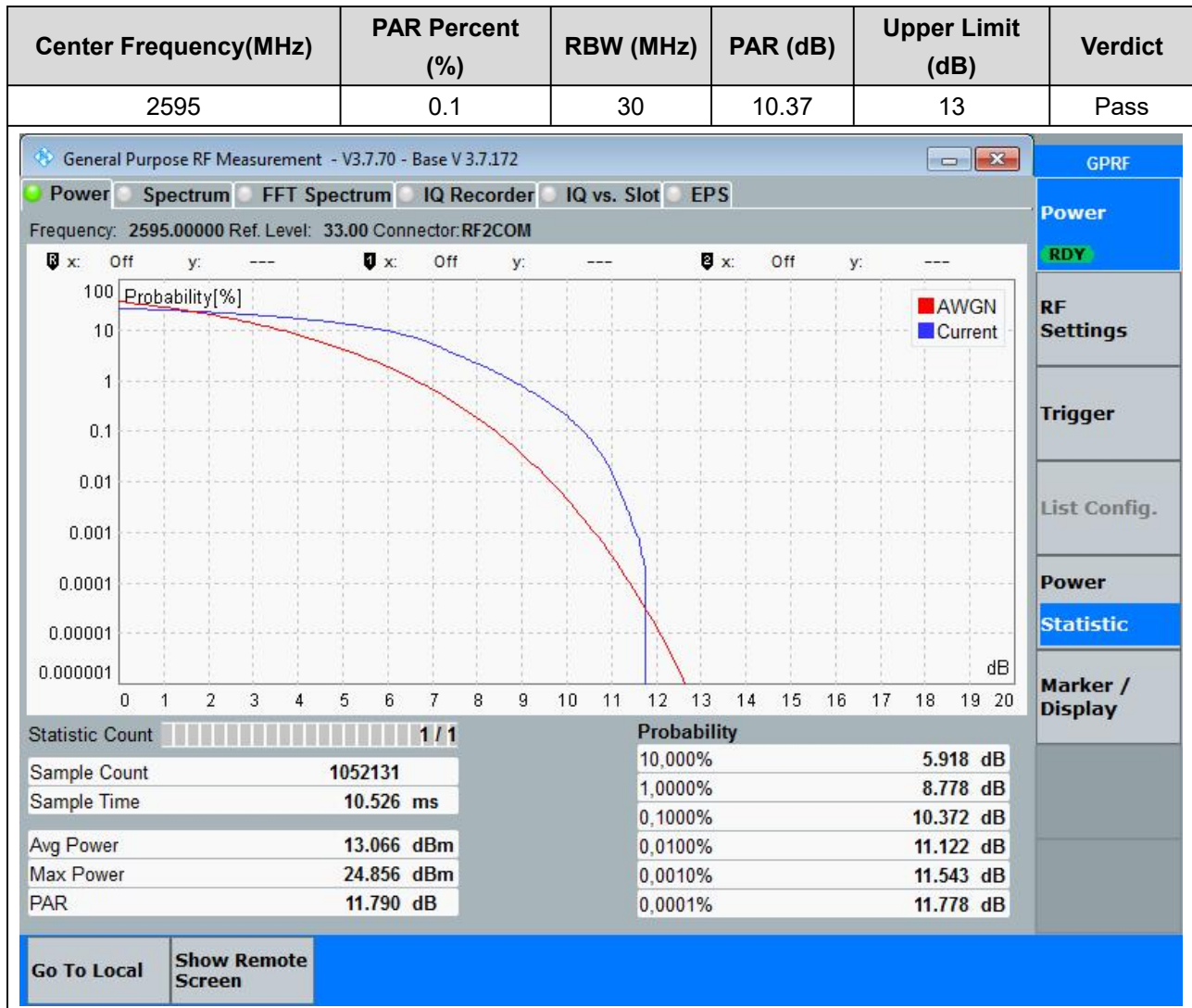
10.10. Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:270, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
3750	0.1	100	6.49	13	Pass

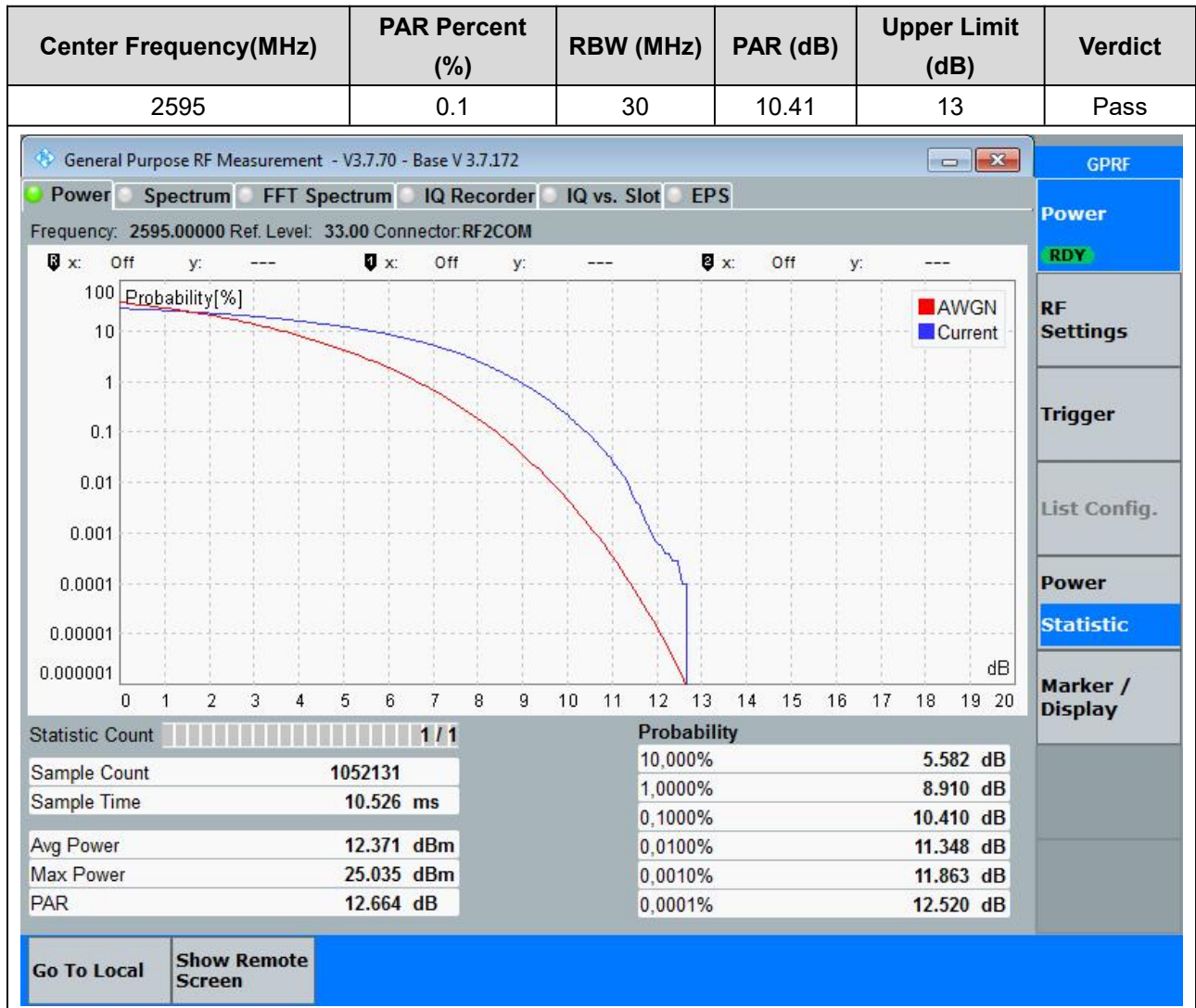


1. CA_38C

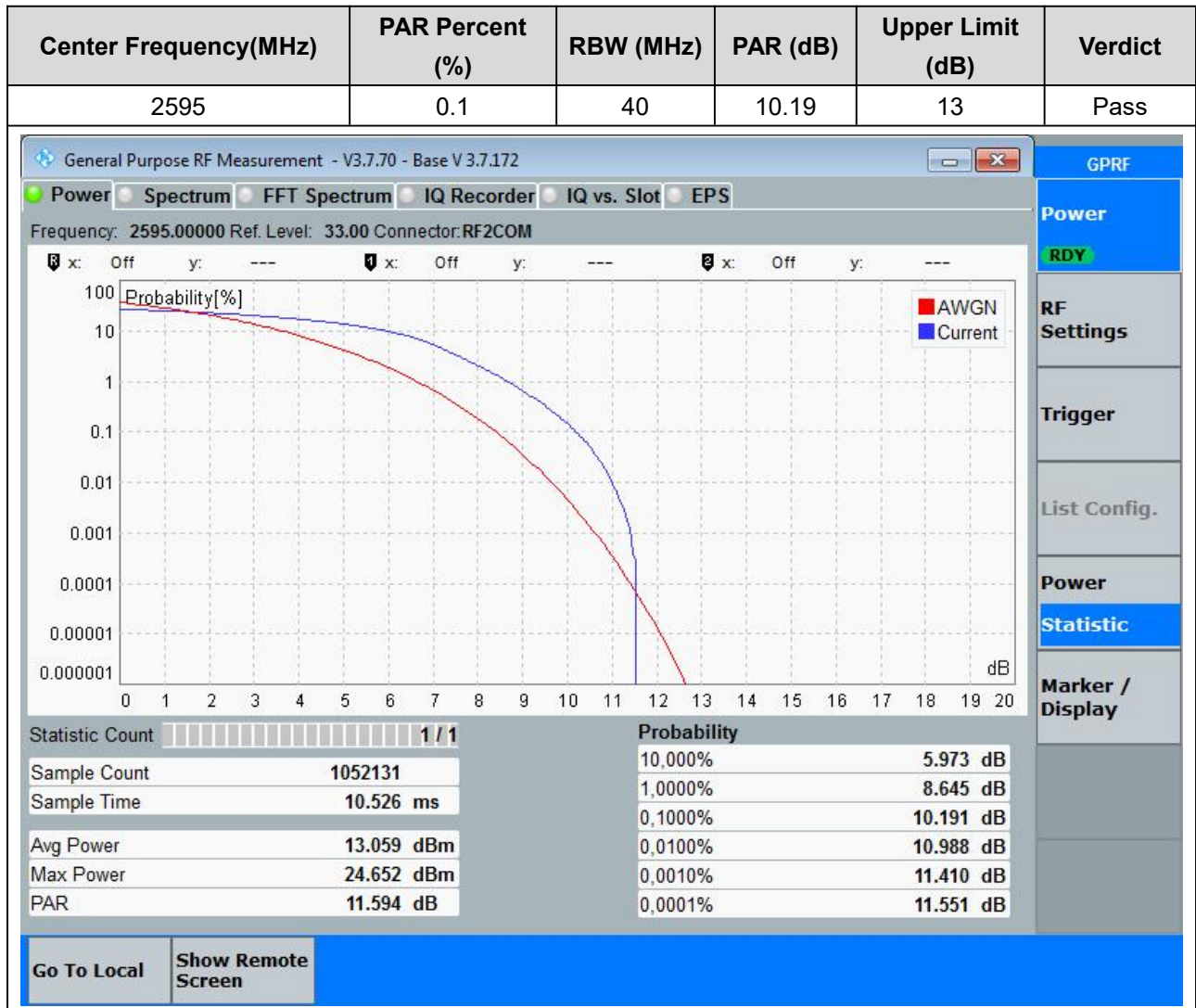
1.3. LTE-A Peak to Average Ratio_Part22-24-27(Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



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

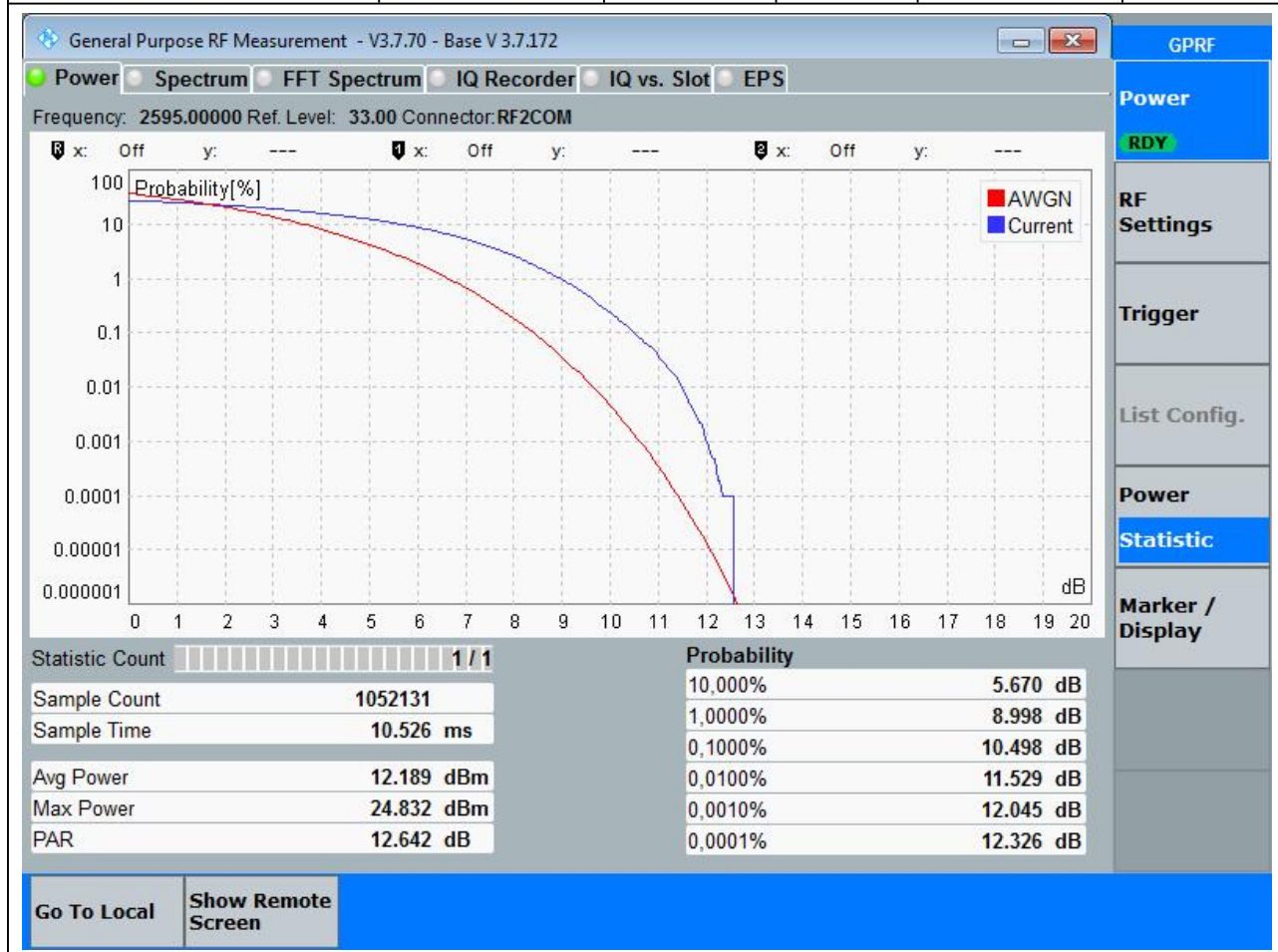


1.5. LTE-A Peak to Average Ratio_Part22-24-27(Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

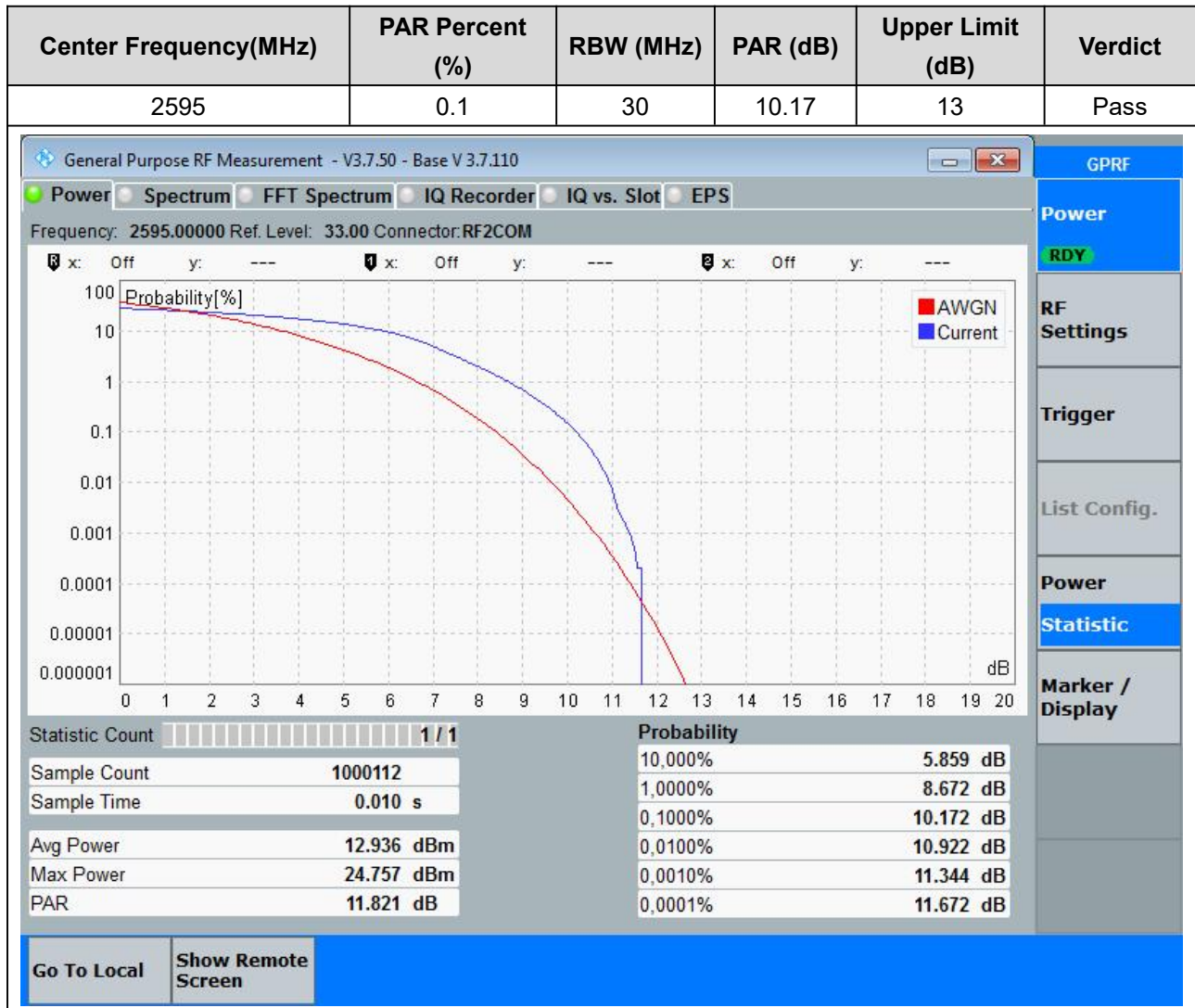


1.6. LTE-A Peak to Average Ratio_Part22-24-27(Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

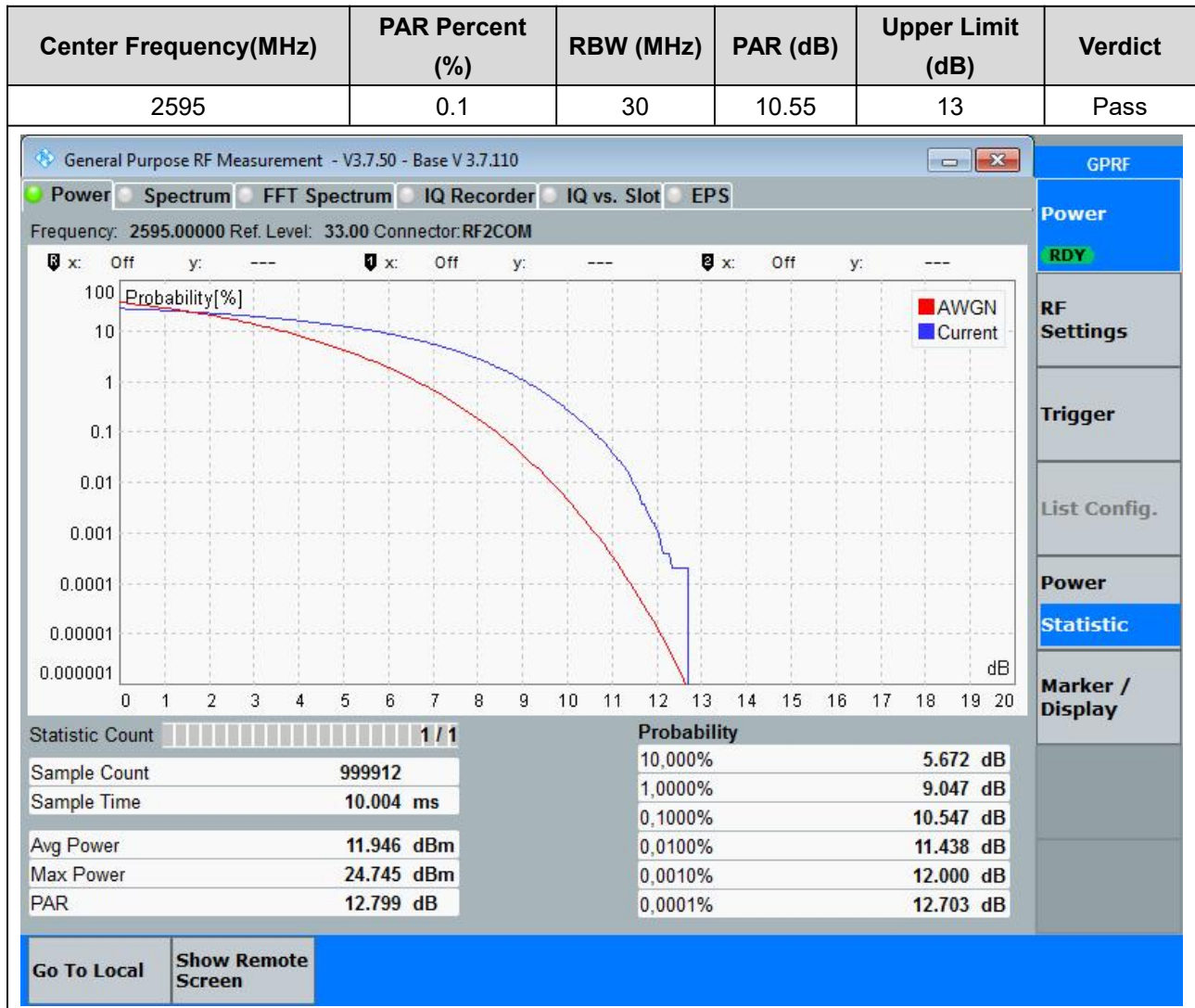
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2595	0.1	40	10.5	13	Pass



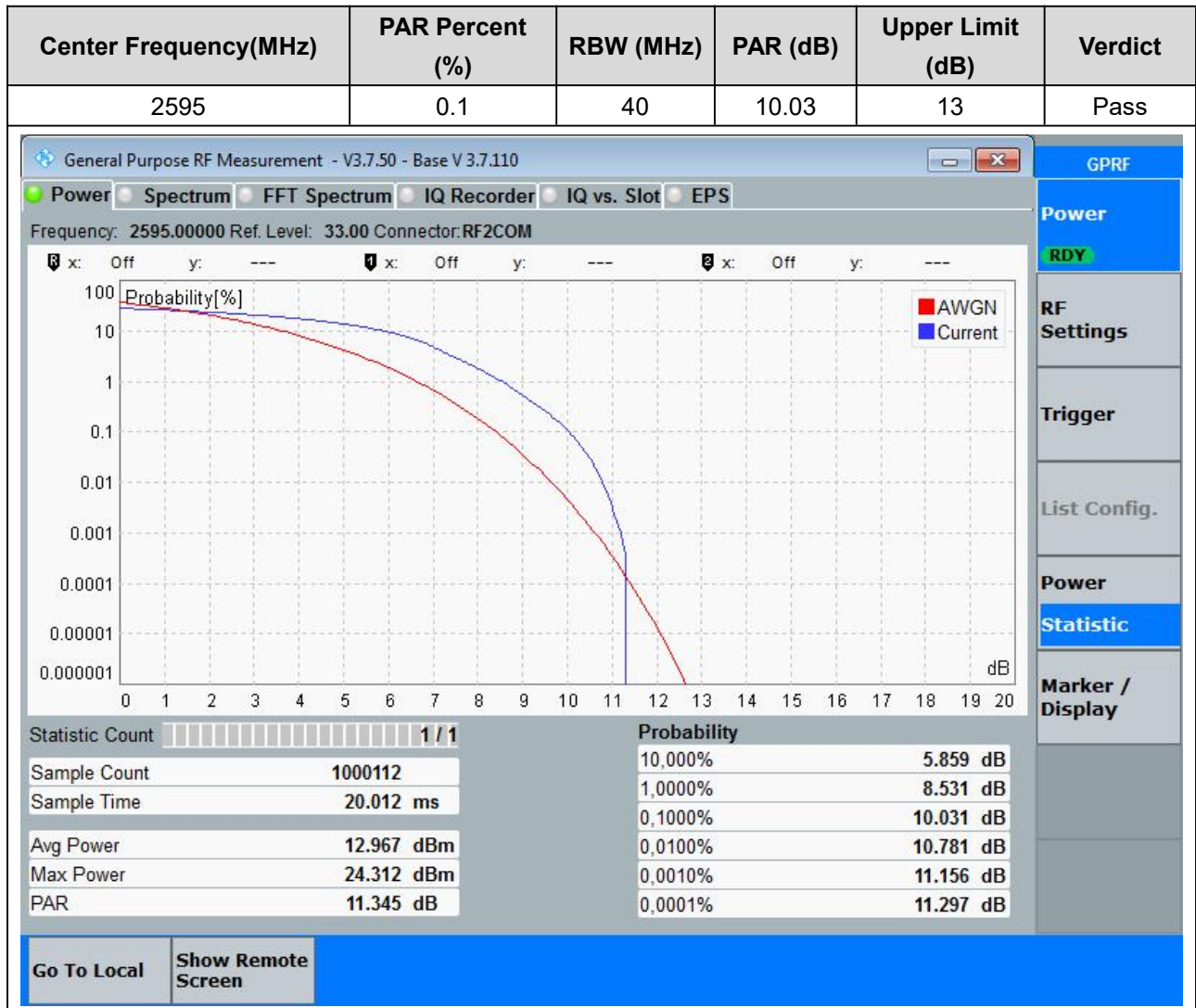
1.7. LTE-A Peak to Average Ratio_Part22-24-27(Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



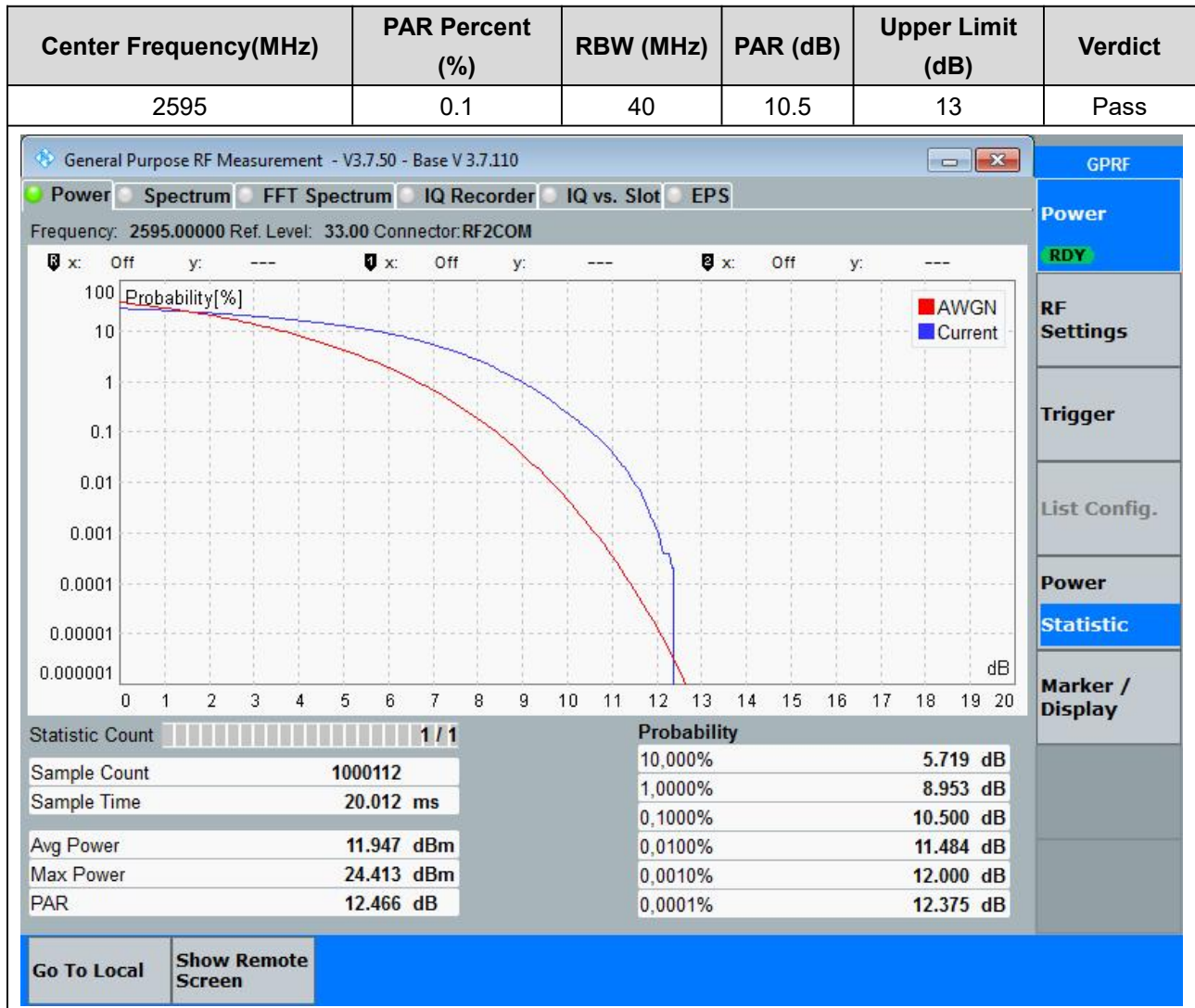
1.8. LTE-A Peak to Average Ratio_Part22-24-27(Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



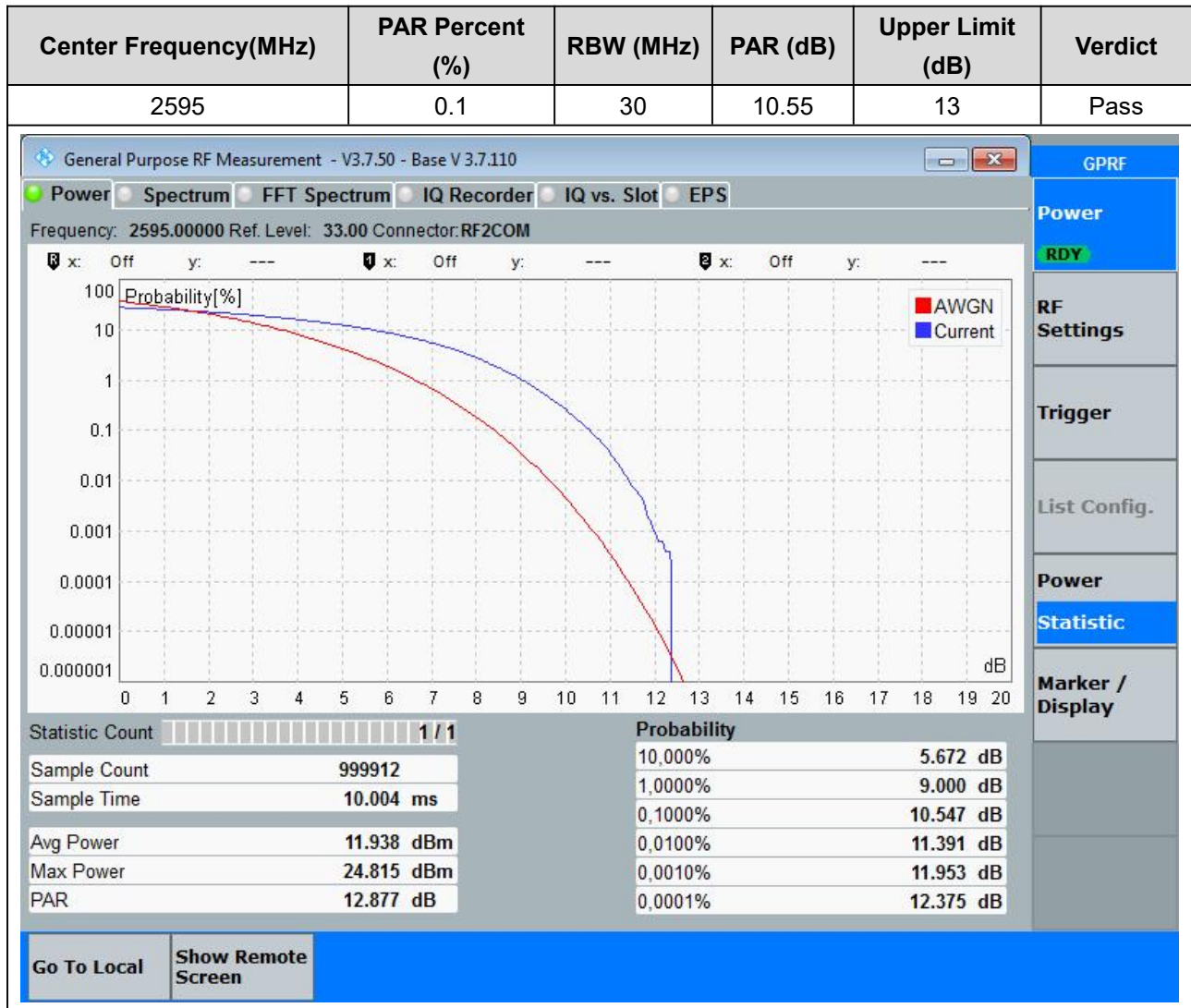
1.9. LTE-A Peak to Average Ratio_Part22-24-27(Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



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

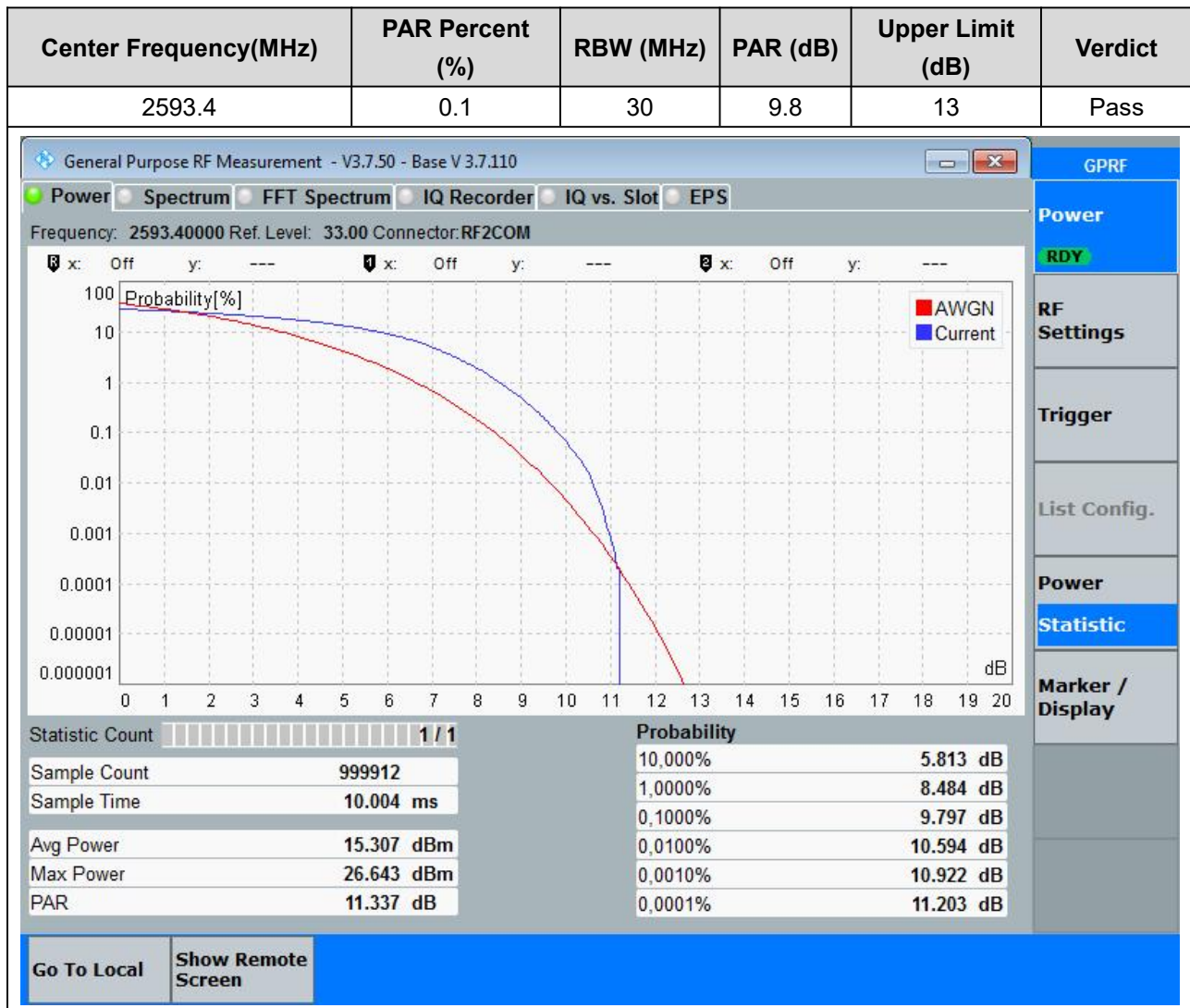


1.11. LTE-A Peak to Average Ratio_Part22-24-27(Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



2. CA_41C_full

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



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

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2593.4	0.1	30	10.36	13	Pass

