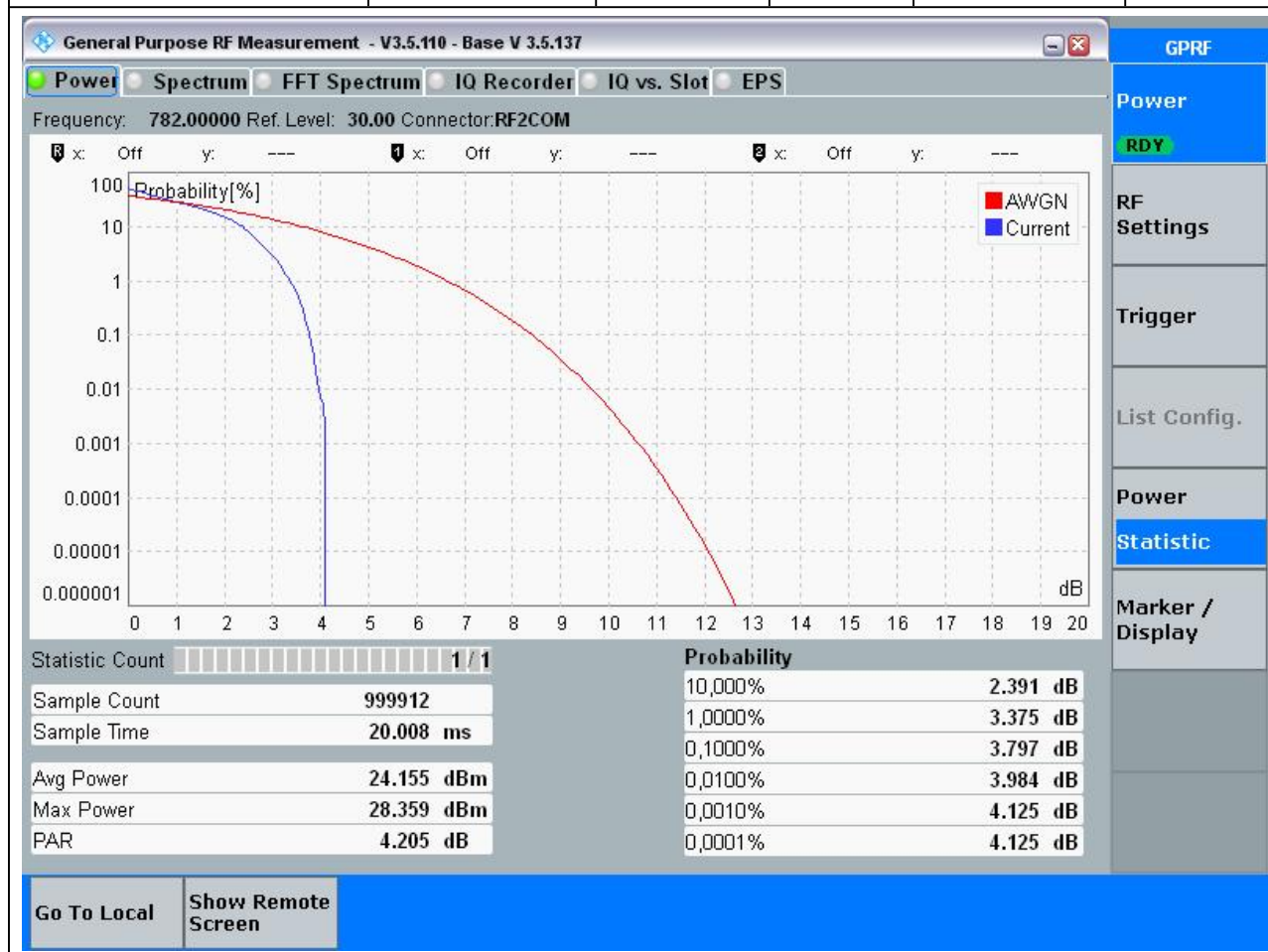

Annex A.2 Peak to Average Ratio

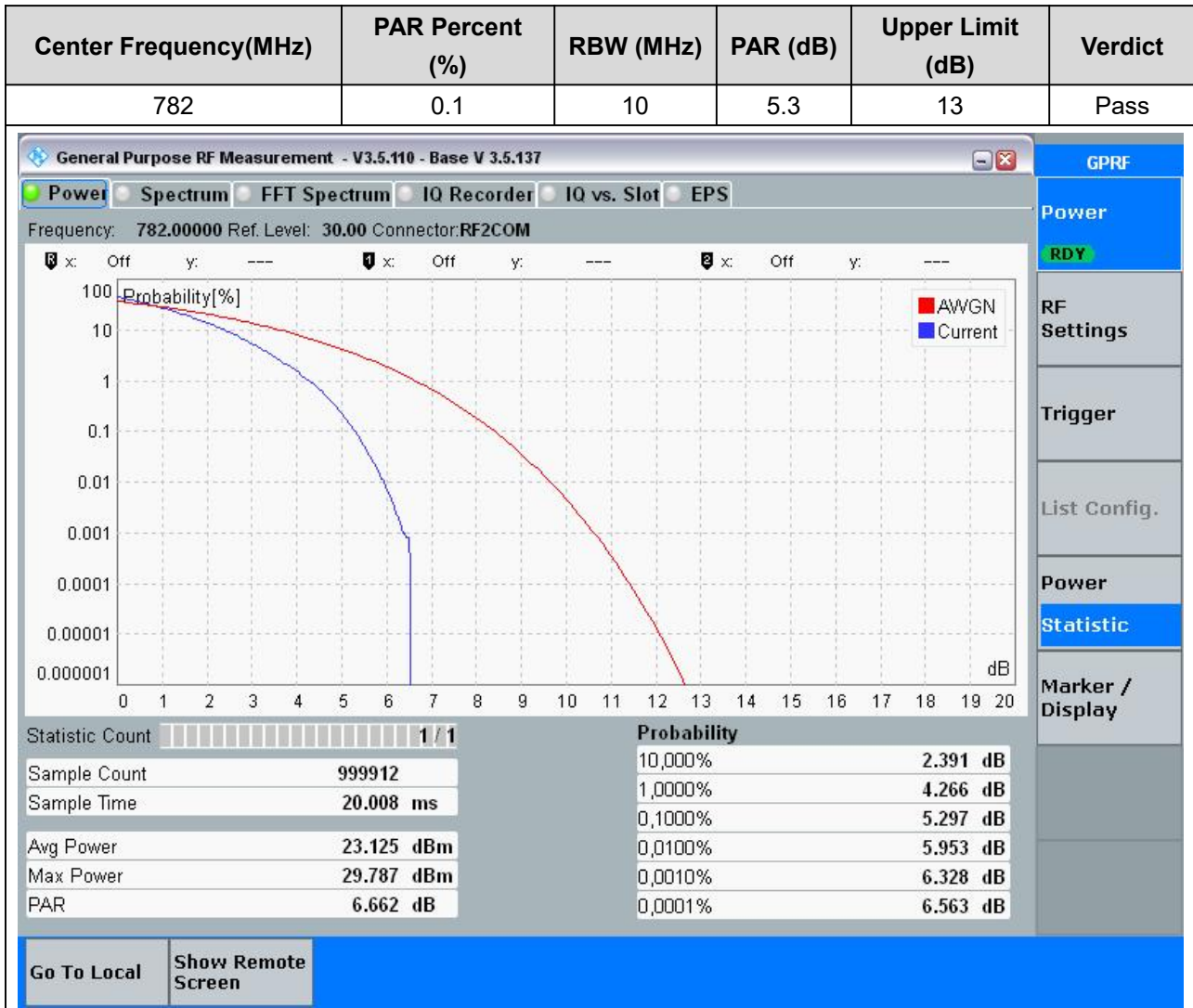
1. LTE_Band13

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

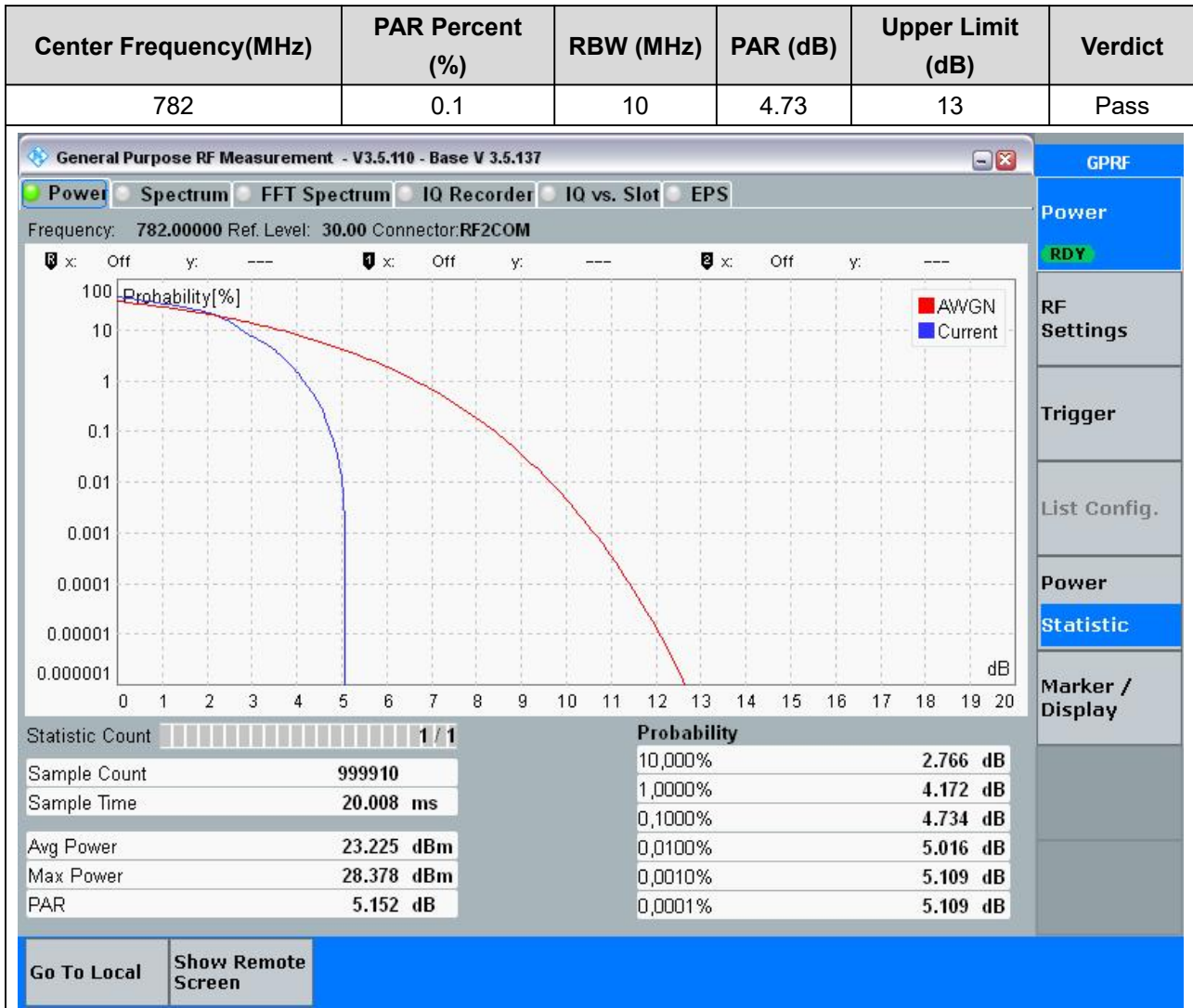
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	10	3.8	13	Pass



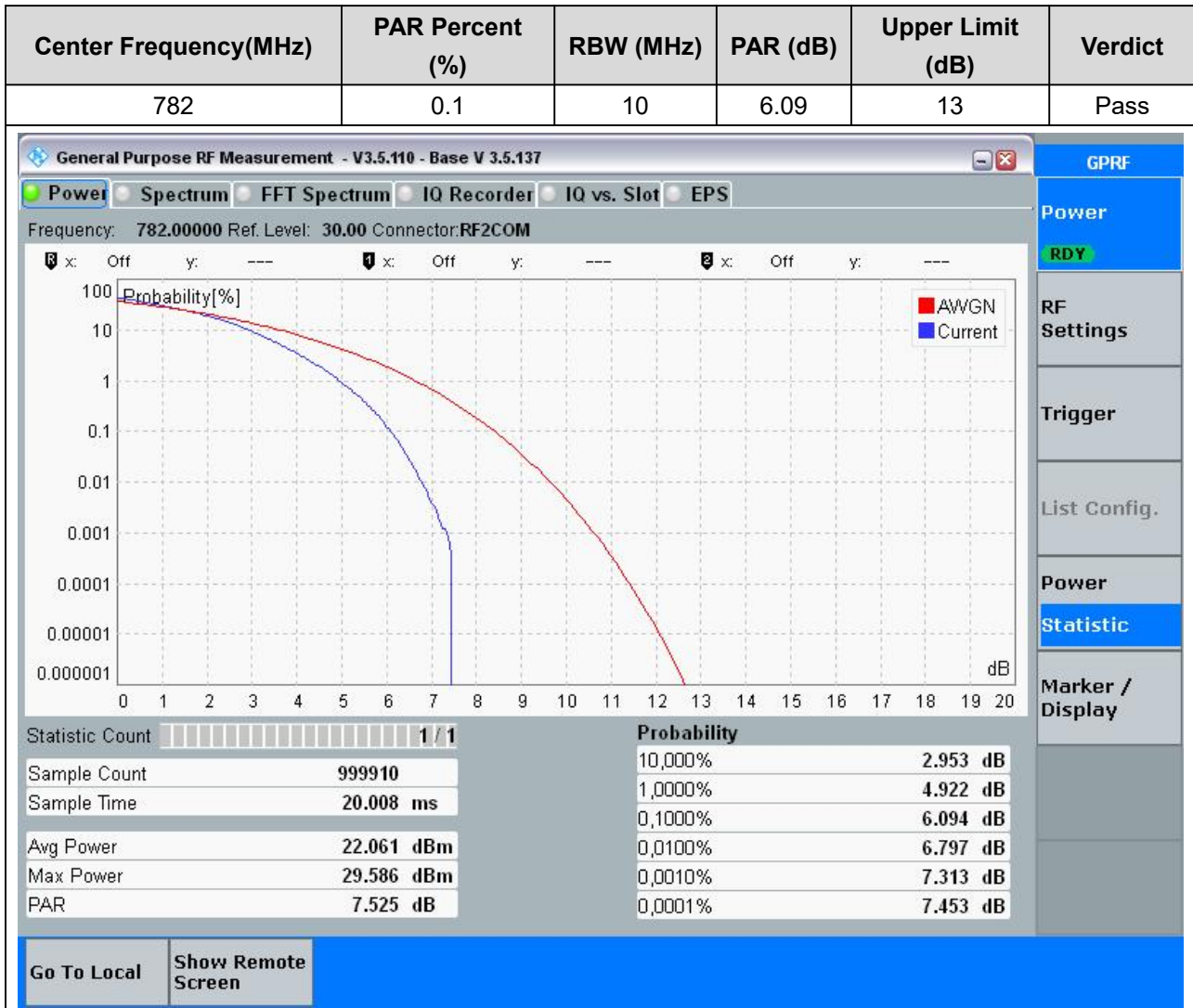
1.6. LTE Peak to Average Ratio_Part22-24-27(Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



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

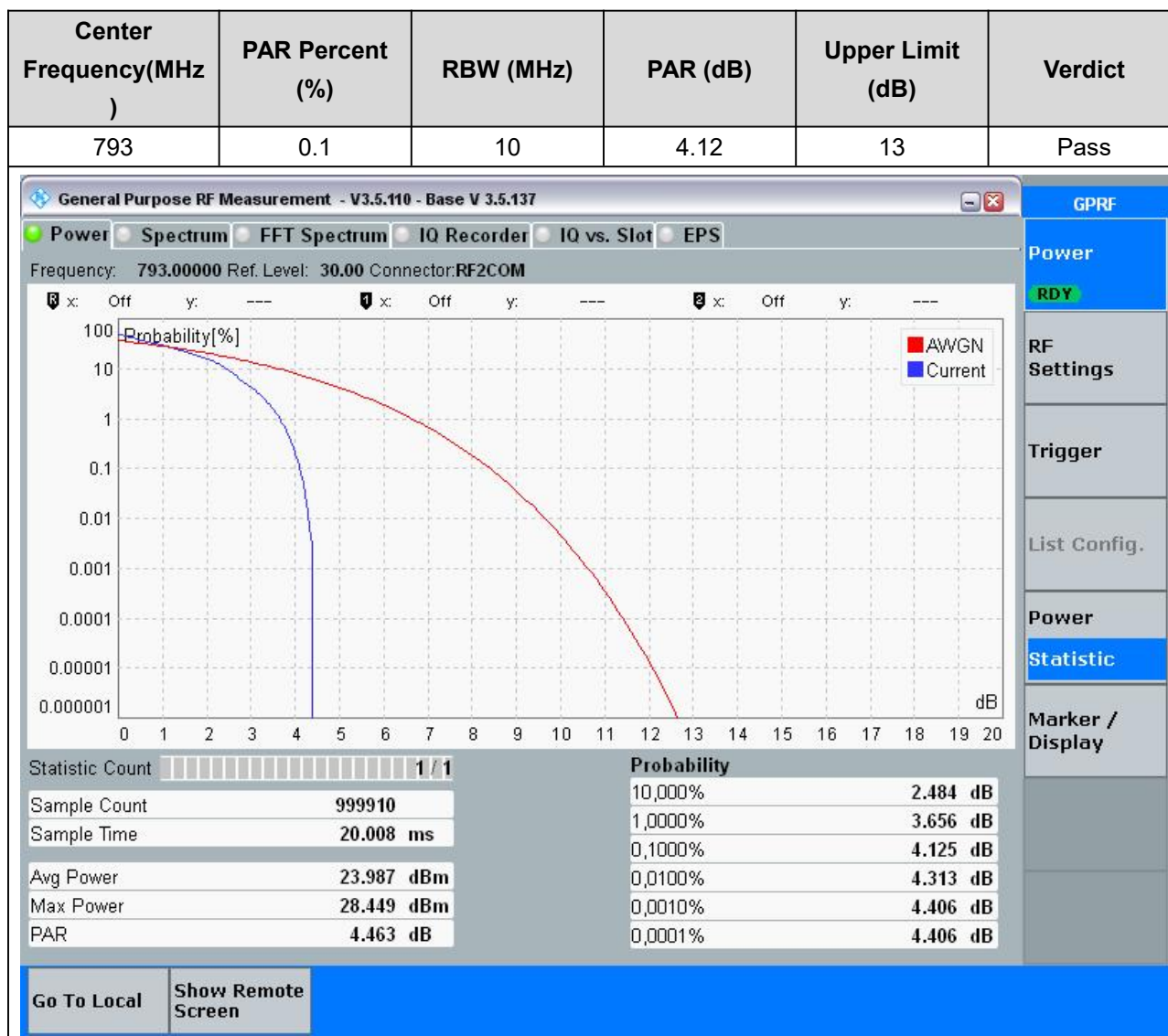


1.8. LTE Peak to Average Ratio_Part22-24-27(Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)



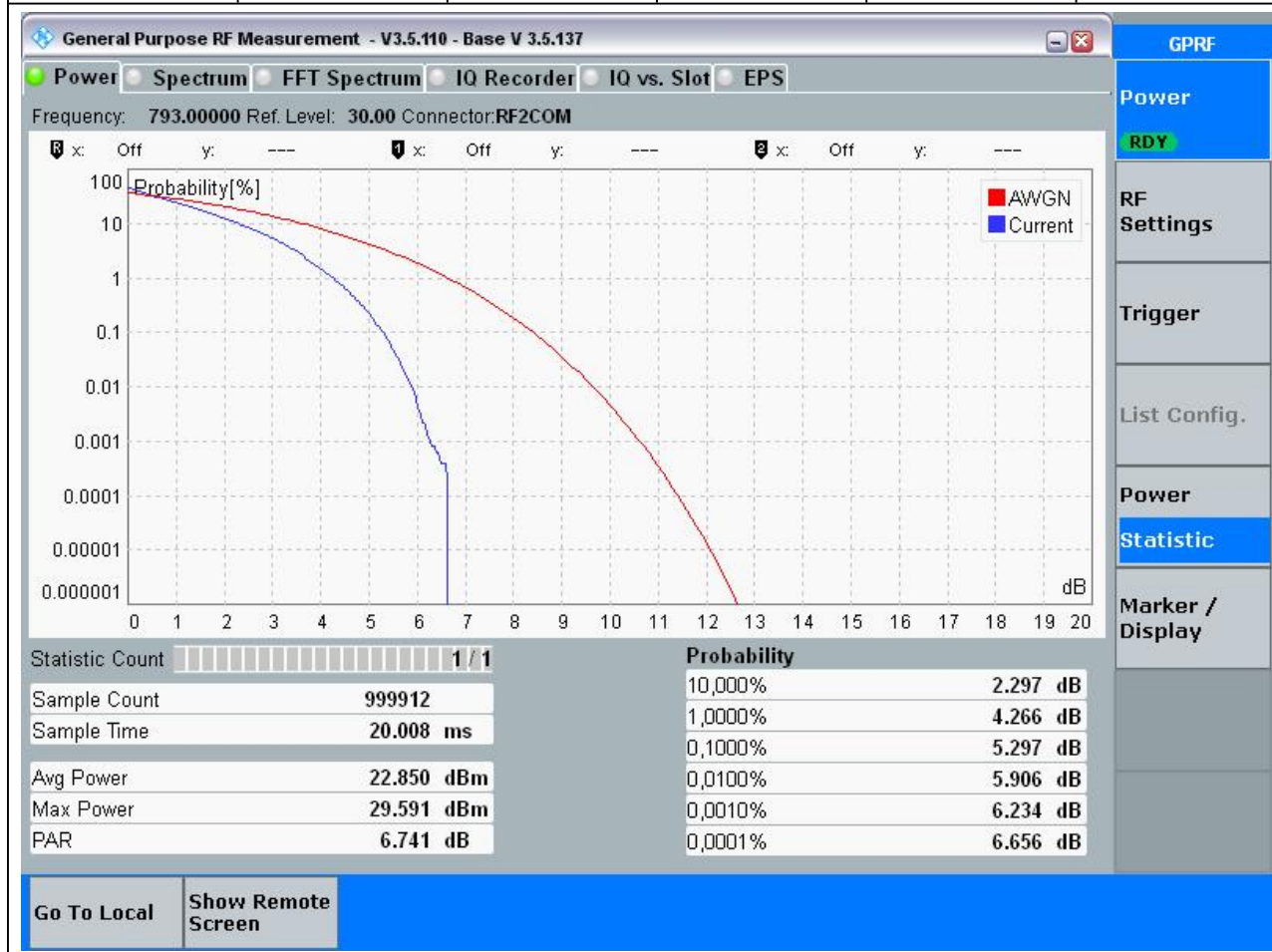
2. LTE_Band14

2.5. LTE Peak to Average Ratio_Par90(Channel:23330, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



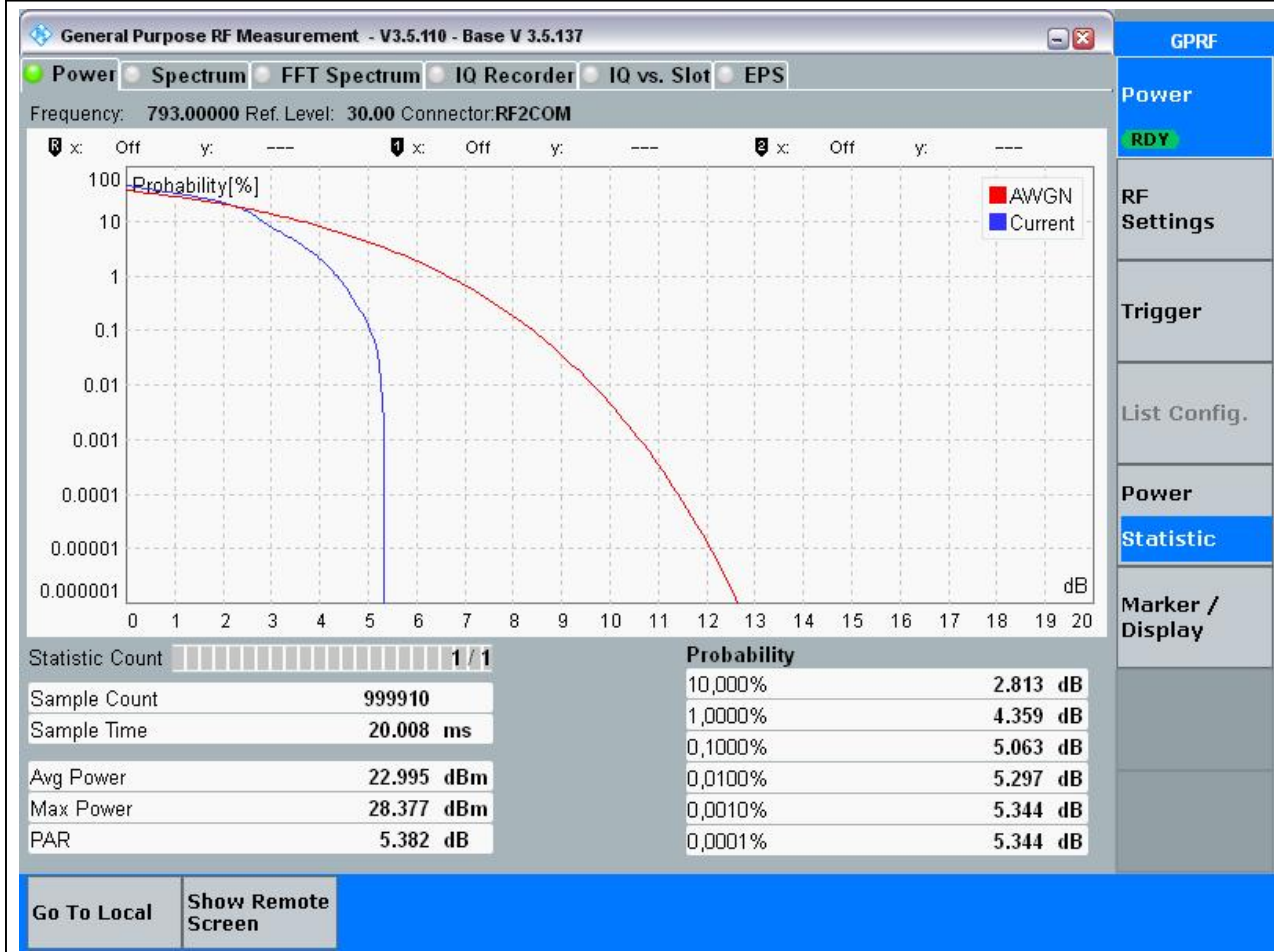
2.6. LTE Peak to Average Ratio_Part90(Channel:23330, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	5.3	13	Pass



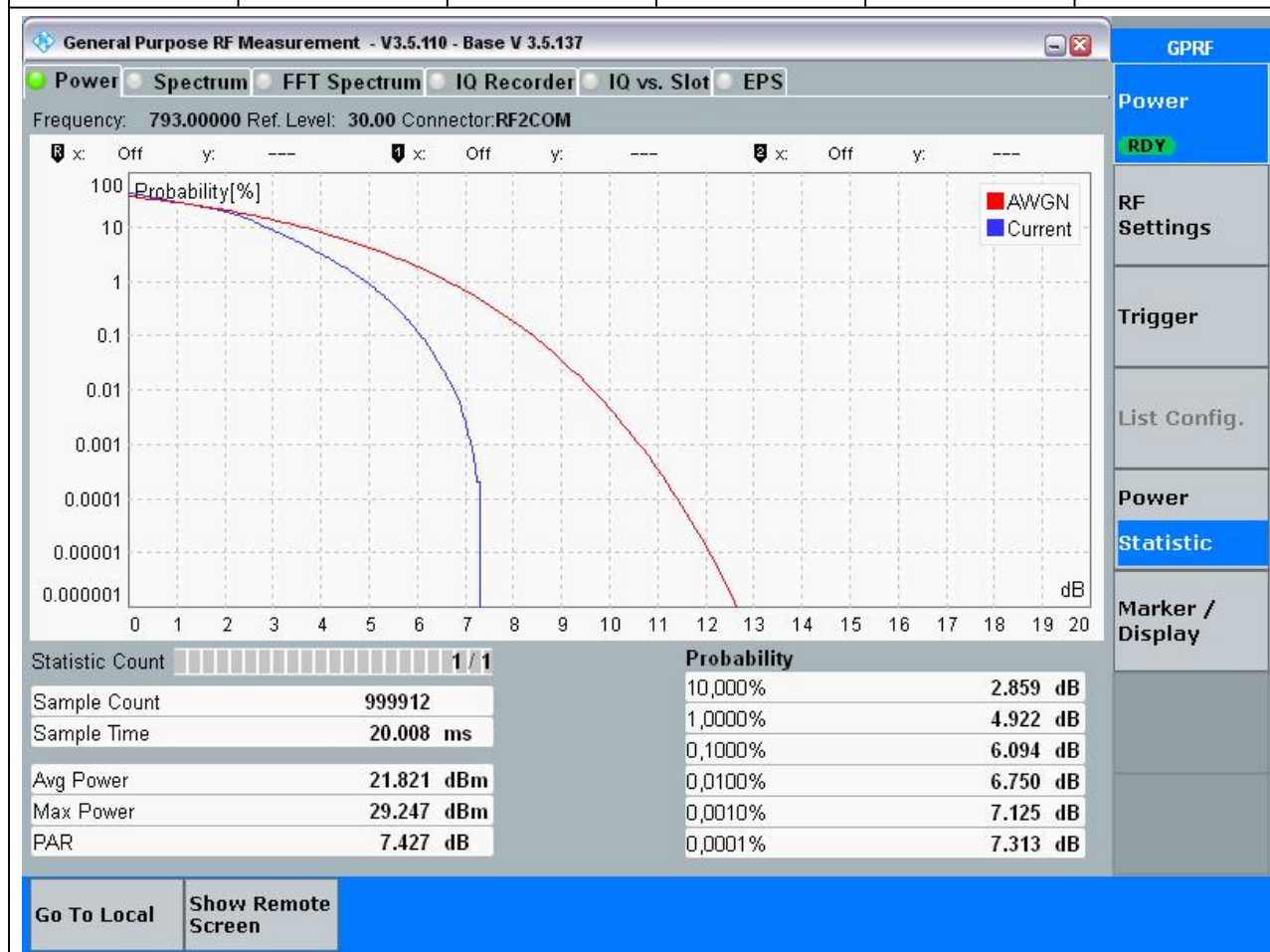
2.7. LTE Peak to Average Ratio_Part90(Channel:23330, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	5.06	13	Pass



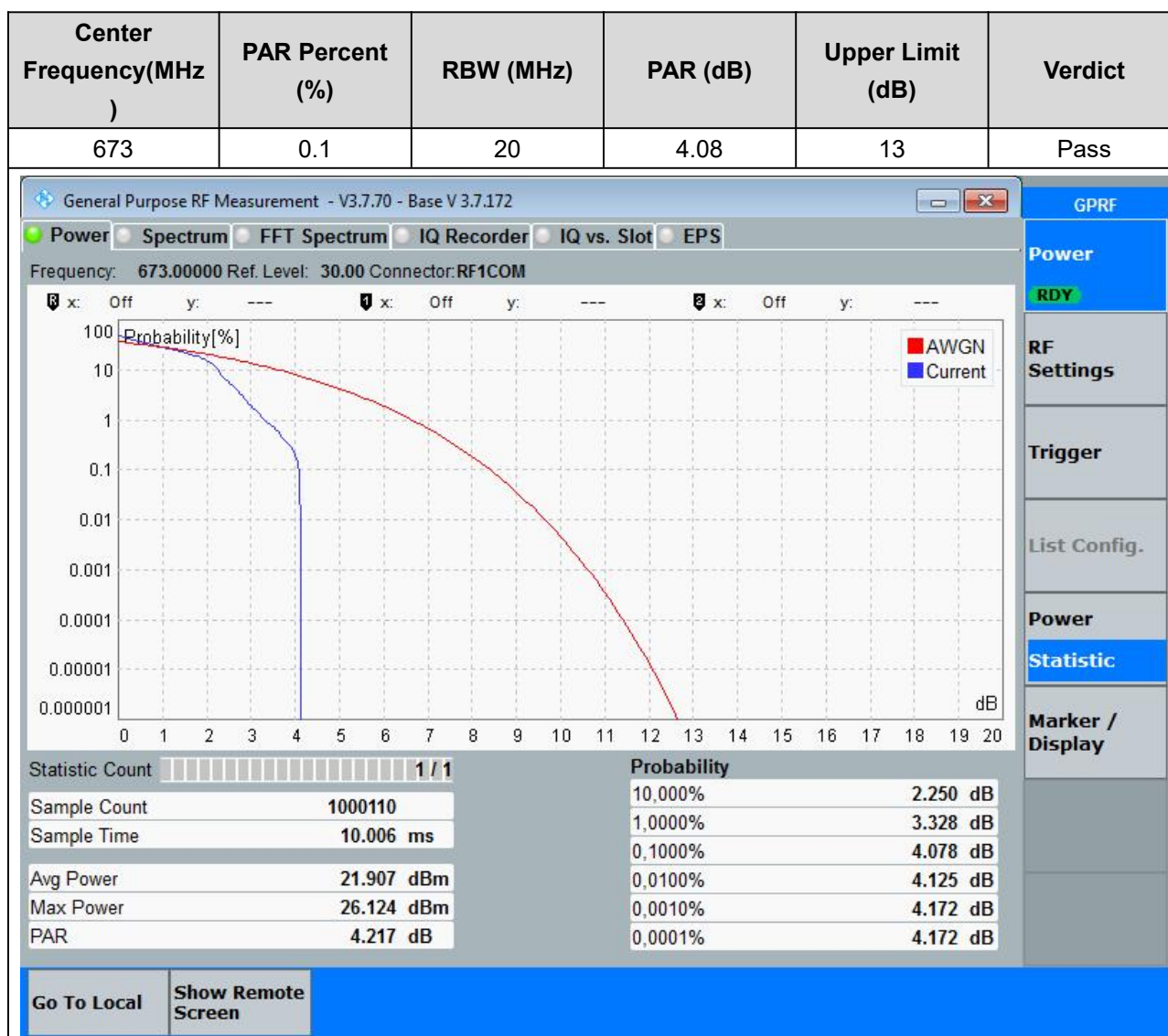
2.8. LTE Peak to Average Ratio_Part90(Channel:23330, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	6.09	13	Pass



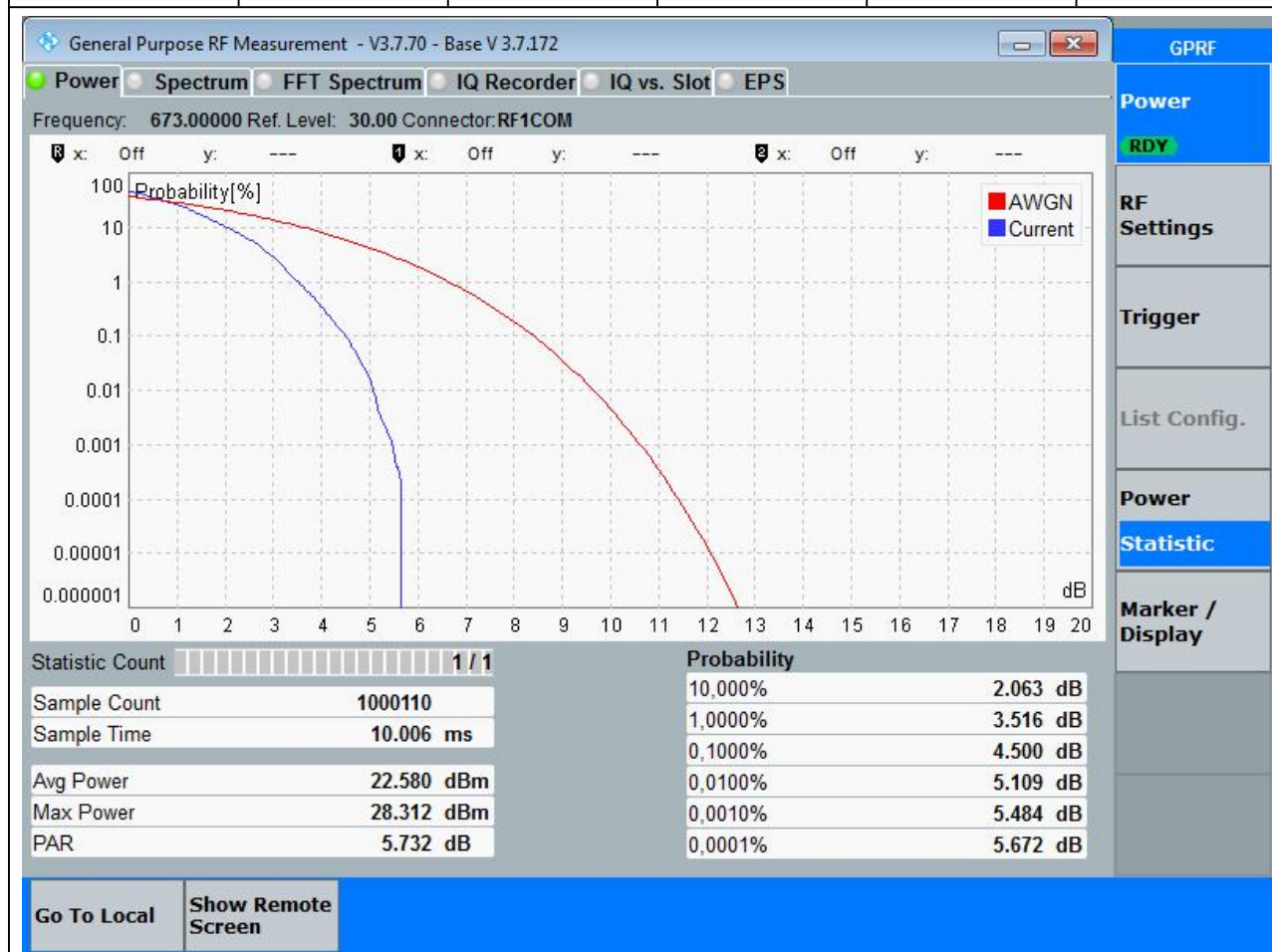
2. n71 15kHz

2.93. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



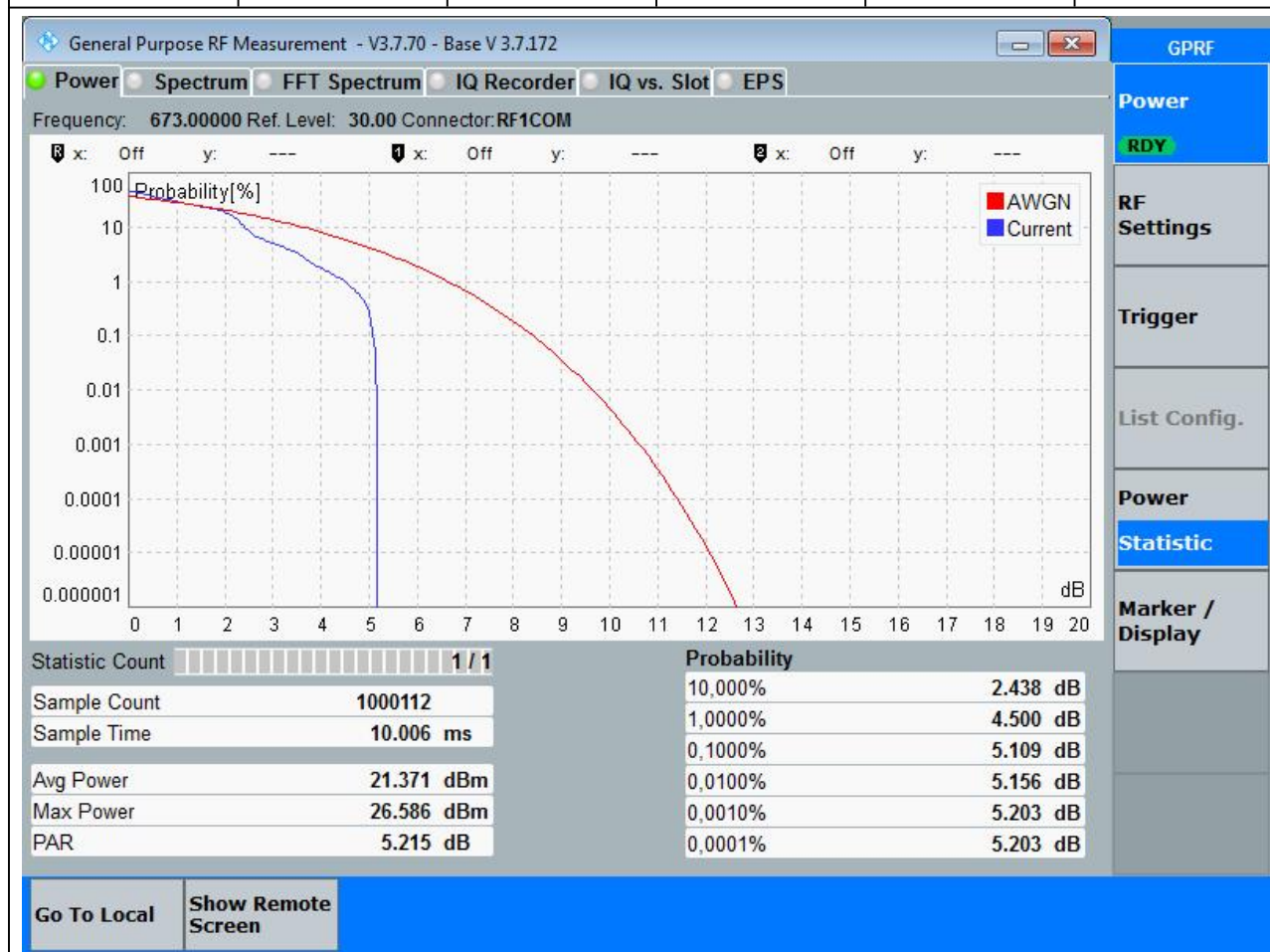
2.94. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	4.5	13	Pass



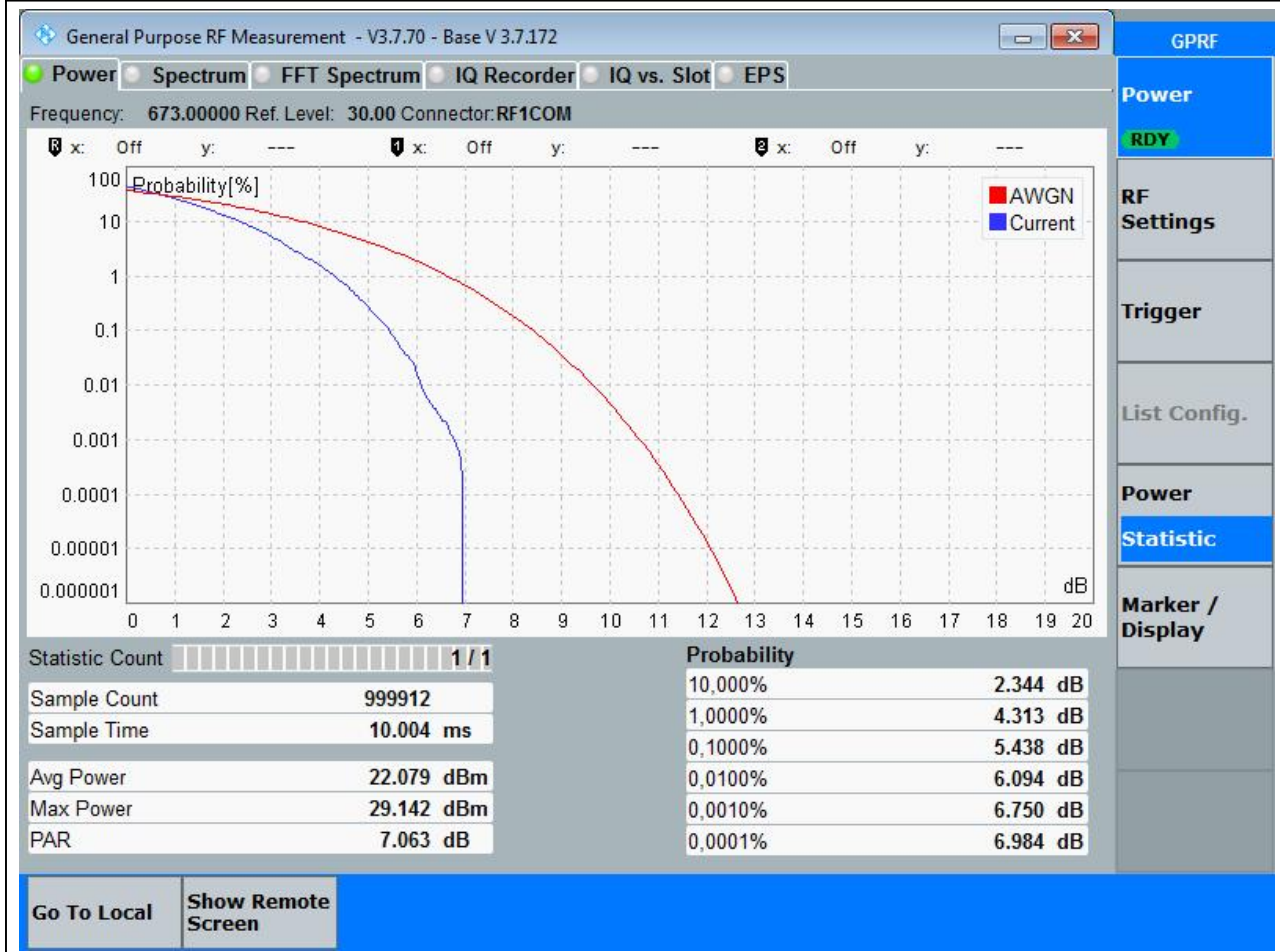
2.95. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	5.11	13	Pass



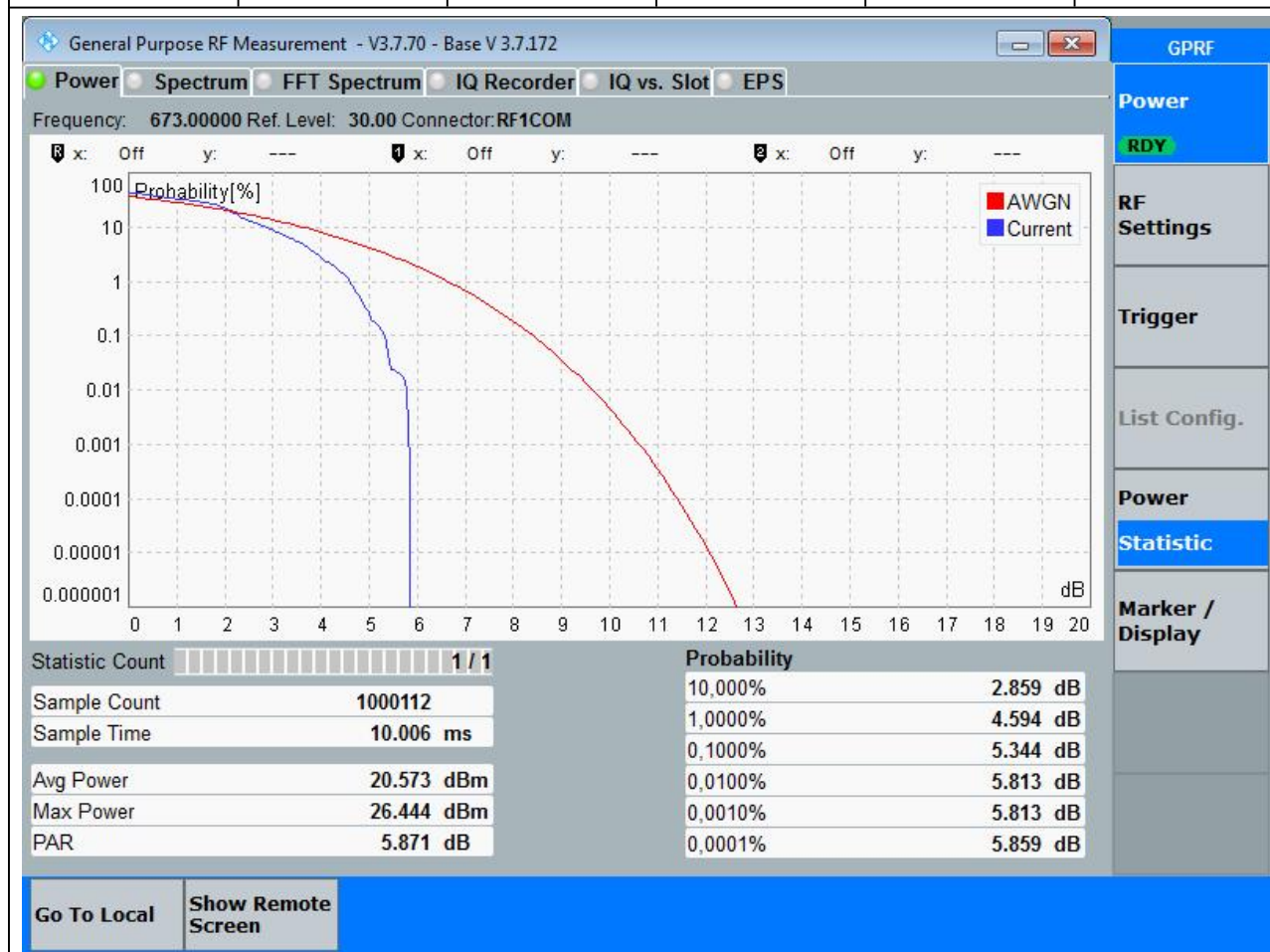
2.96. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	5.44	13	Pass



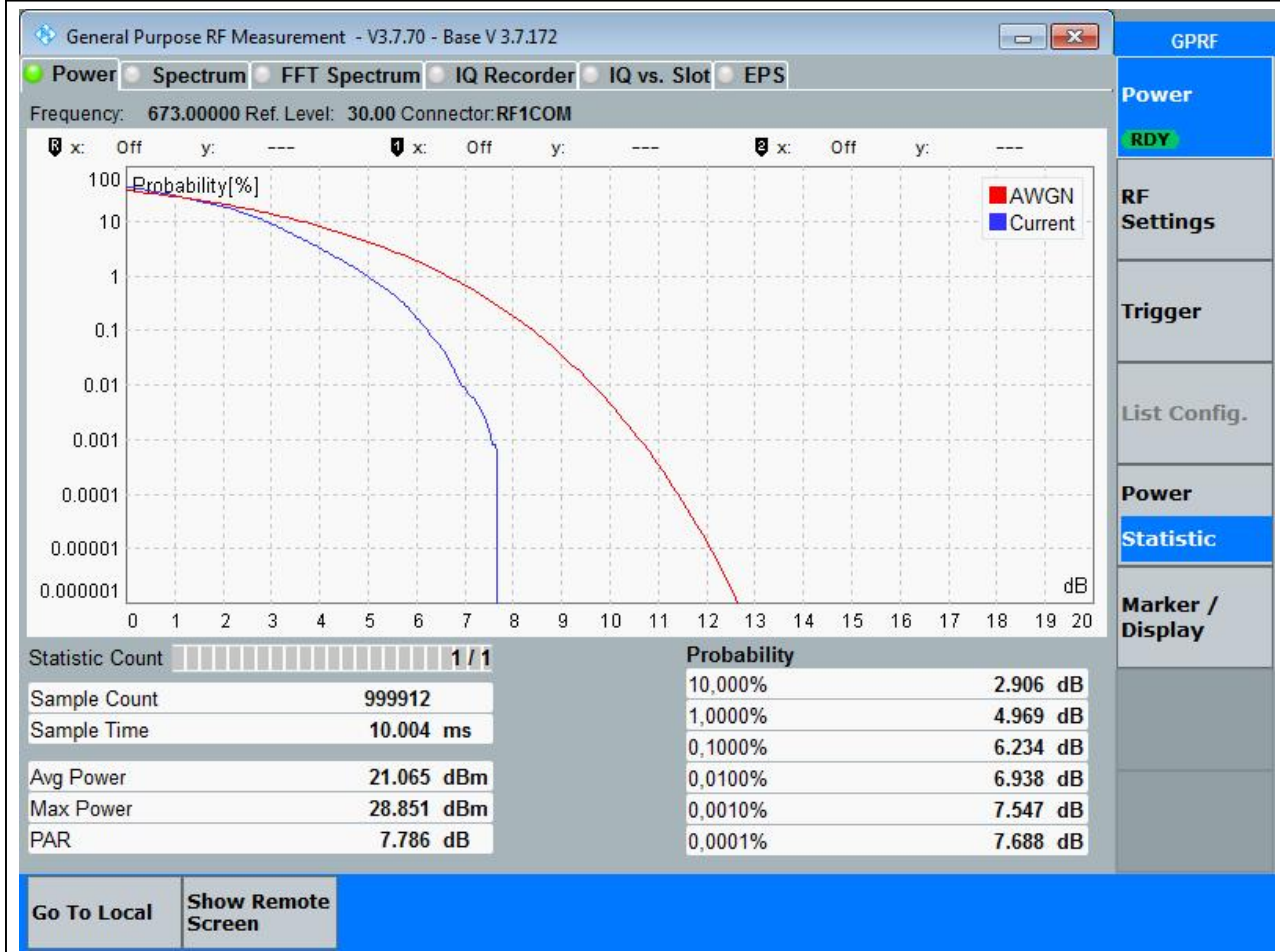
2.97. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	5.34	13	Pass



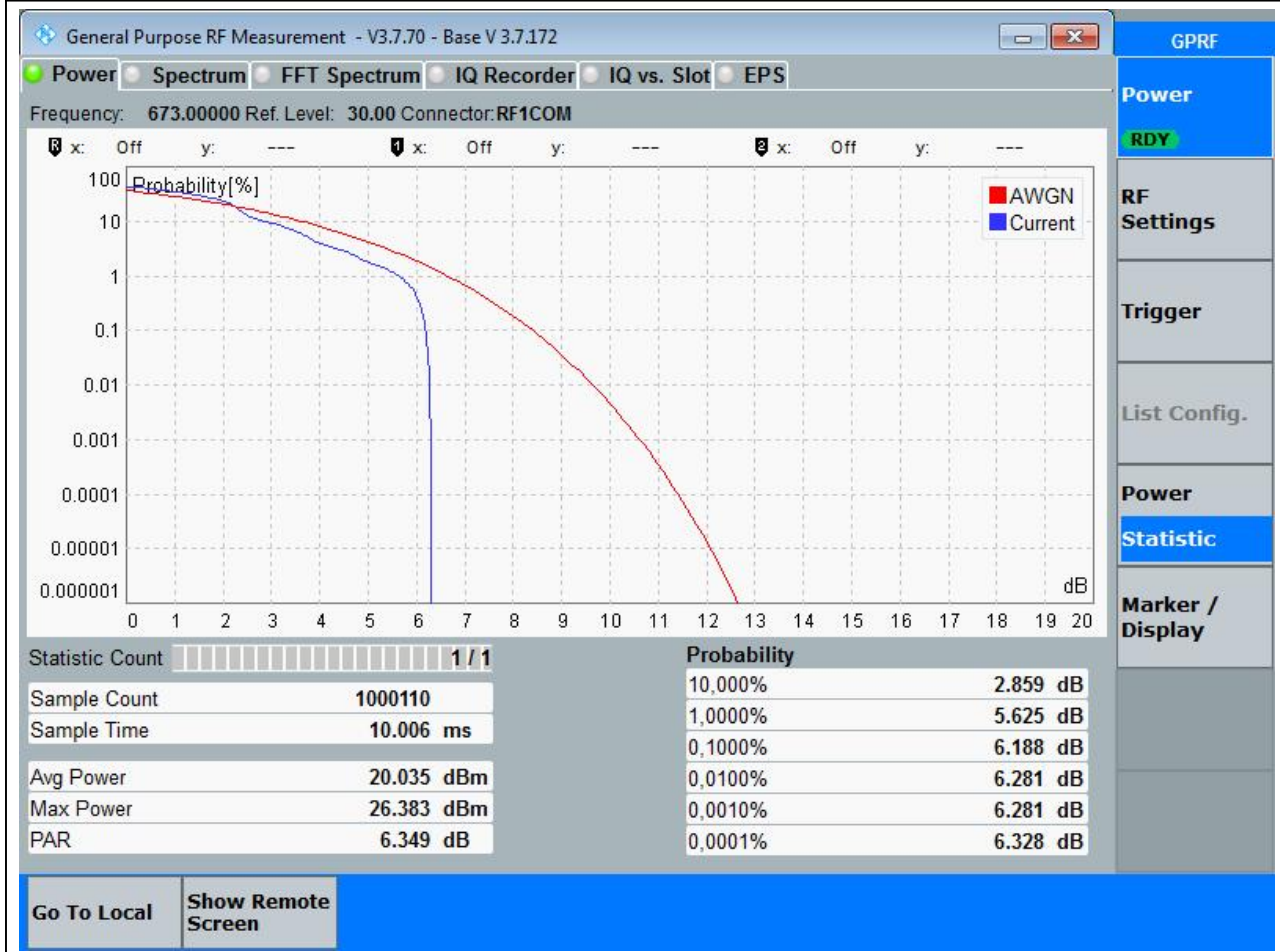
2.98. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	6.23	13	Pass



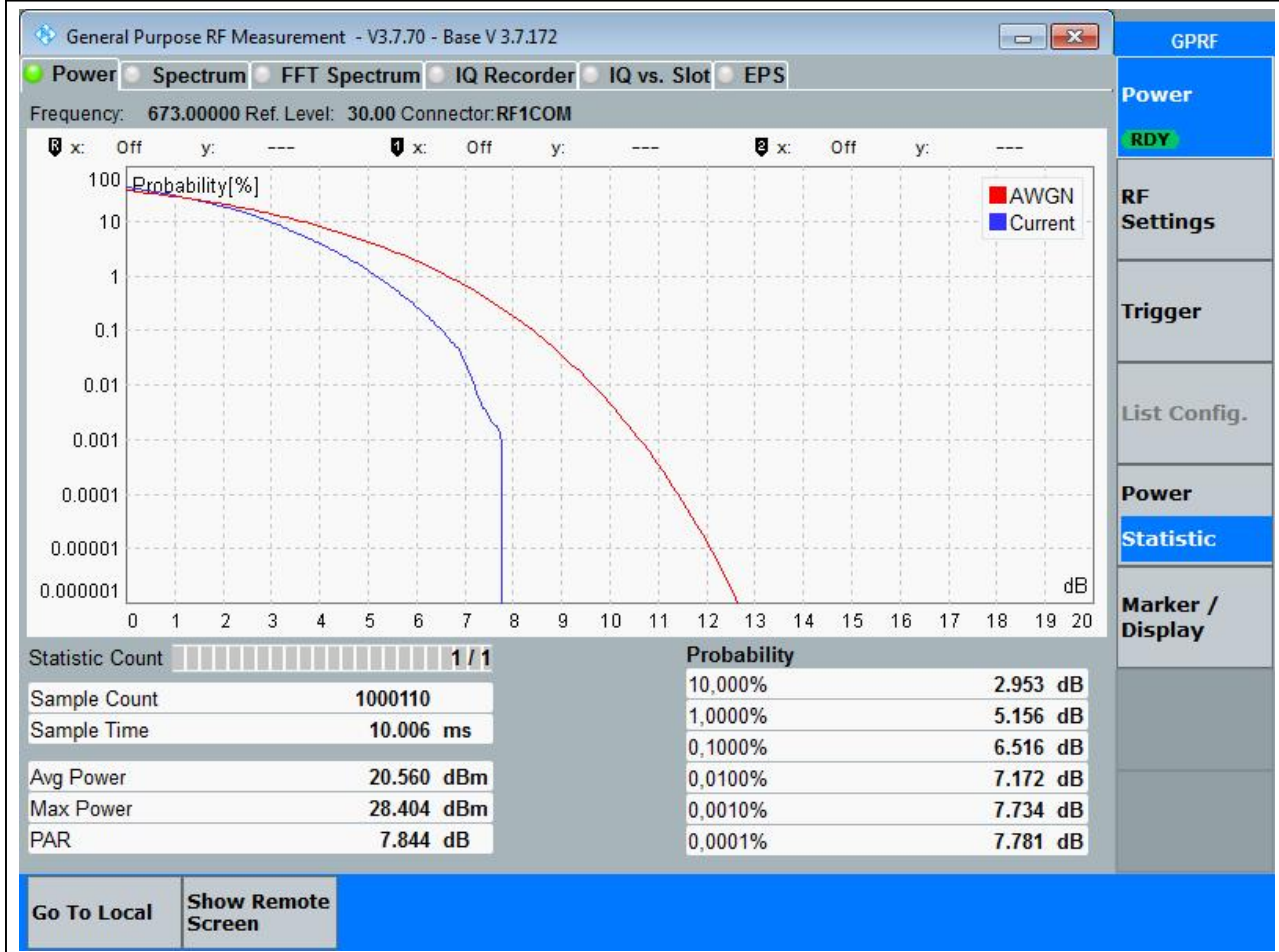
2.99. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	6.19	13	Pass



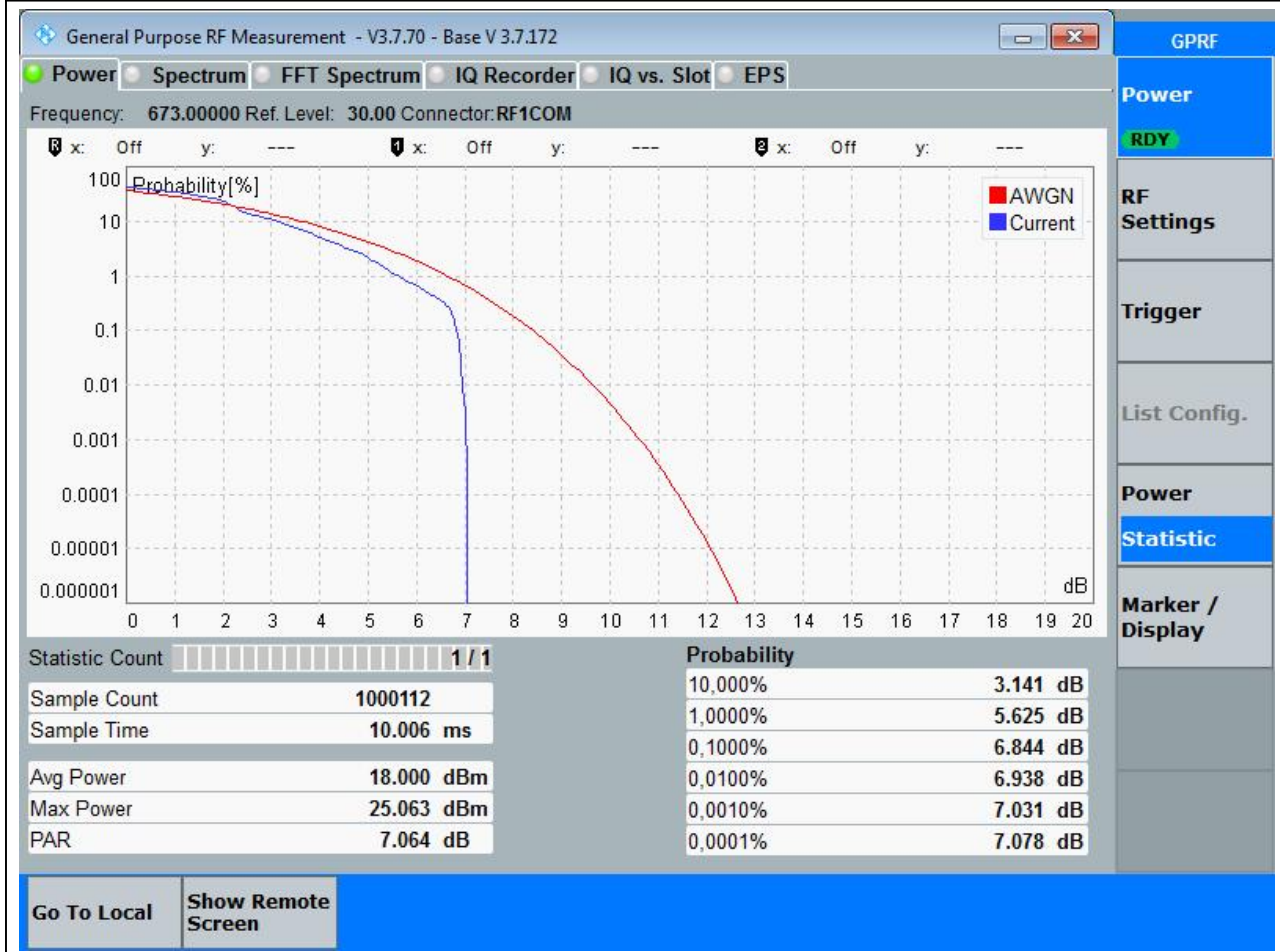
2.100. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	6.52	13	Pass



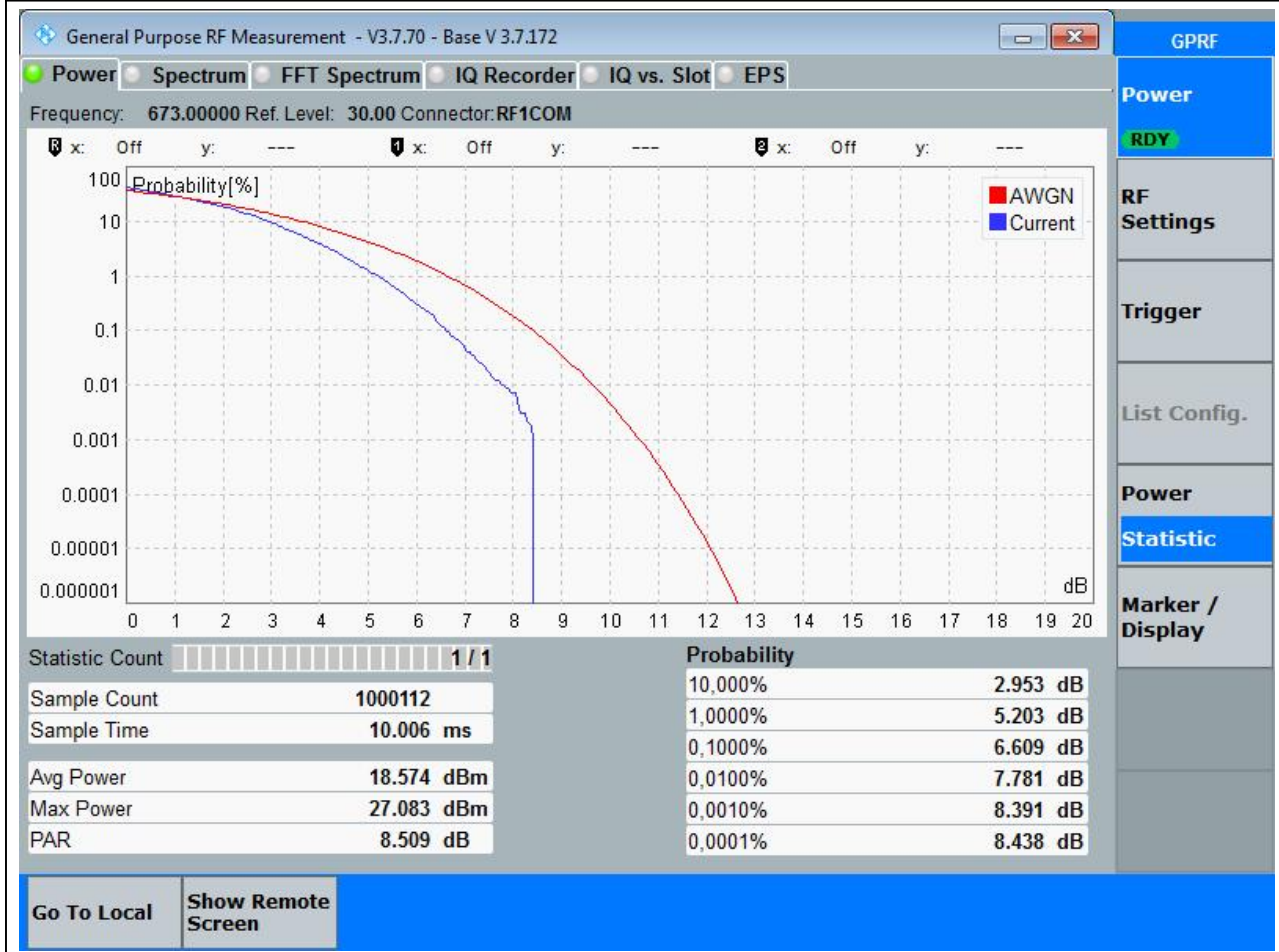
2.101. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	6.84	13	Pass

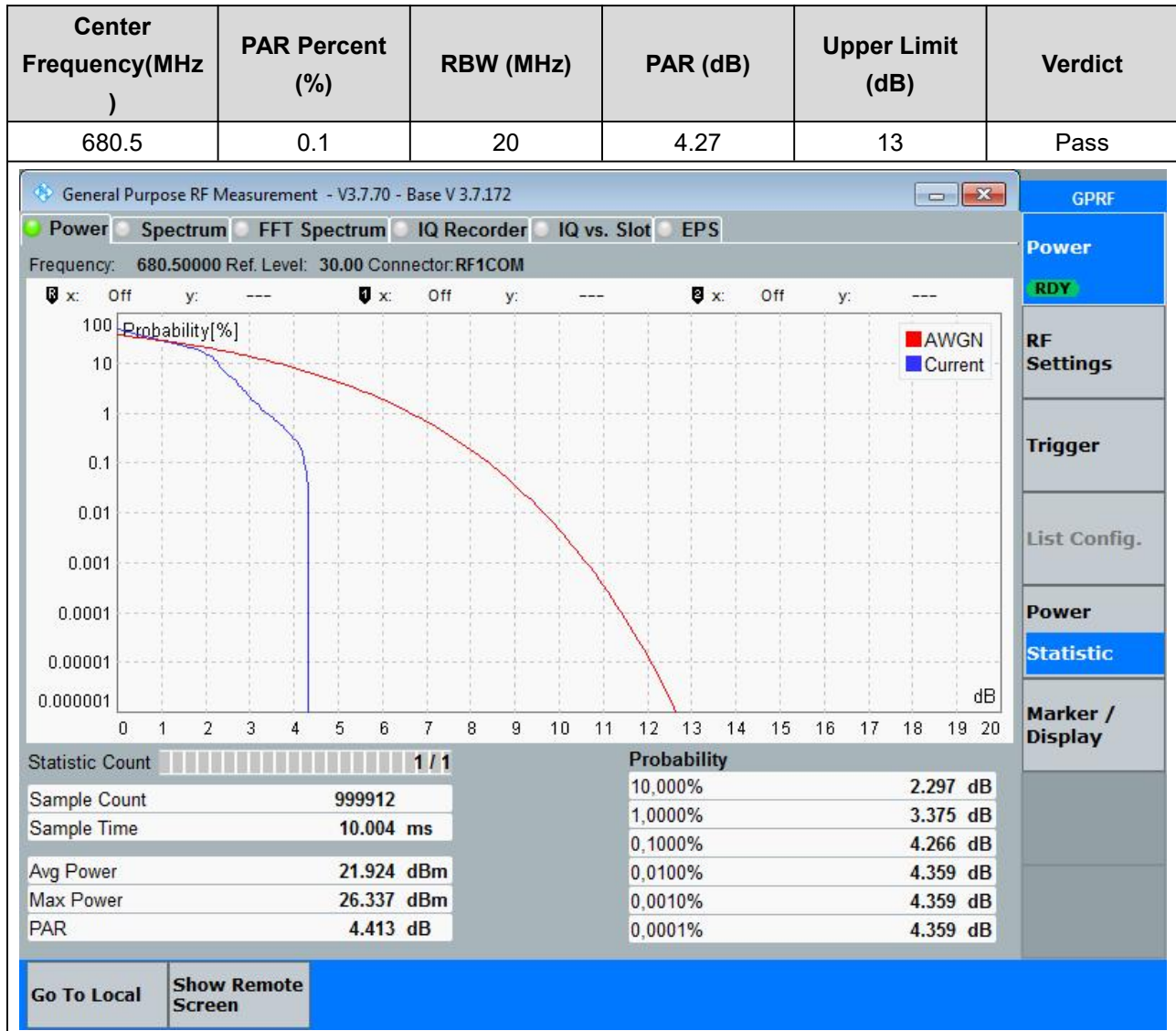


2.102. Peak to Average Ratio for SA_Part22-24-27(Channel:134600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
673	0.1	20	6.61	13	Pass

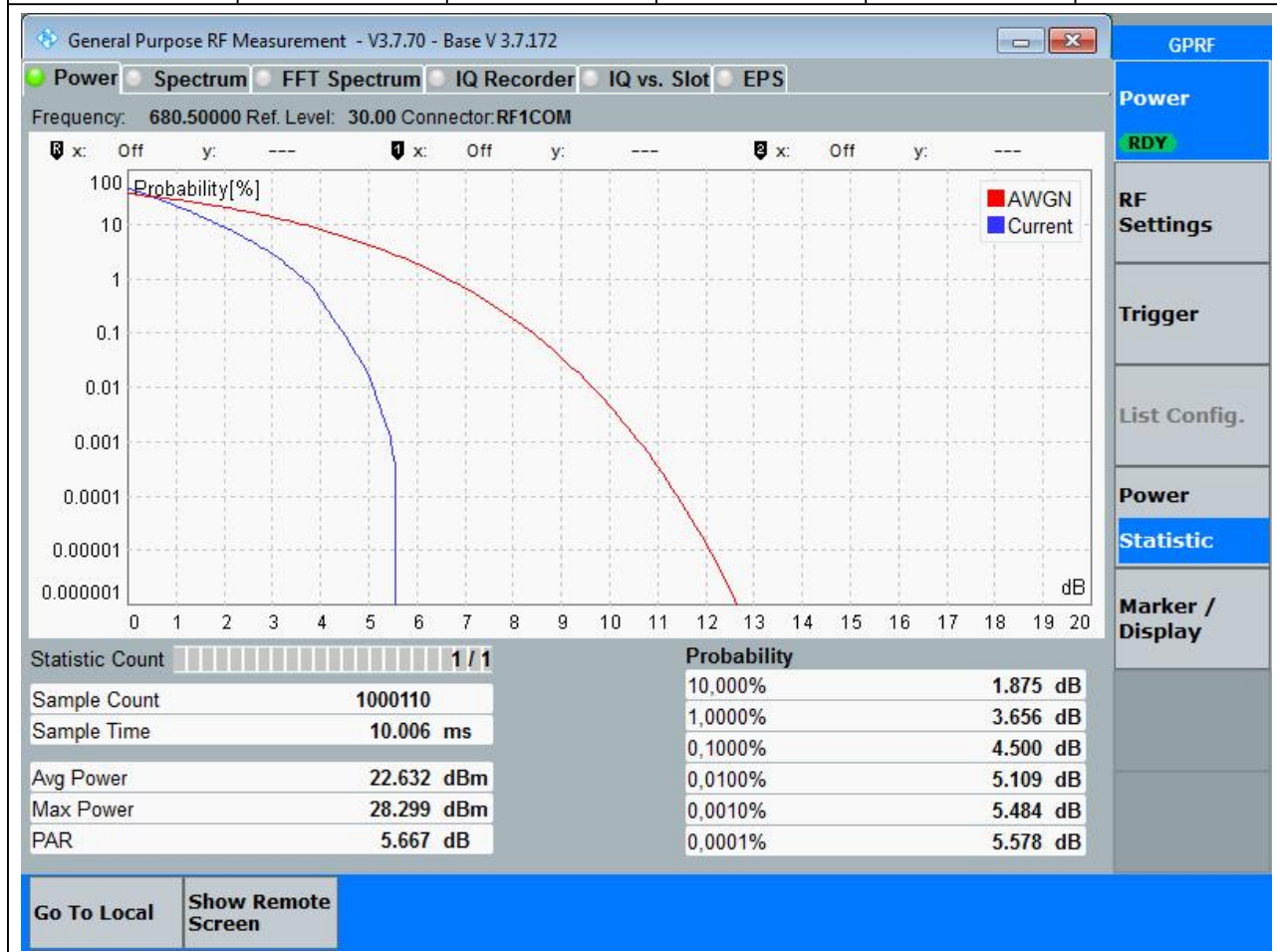


2.103. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



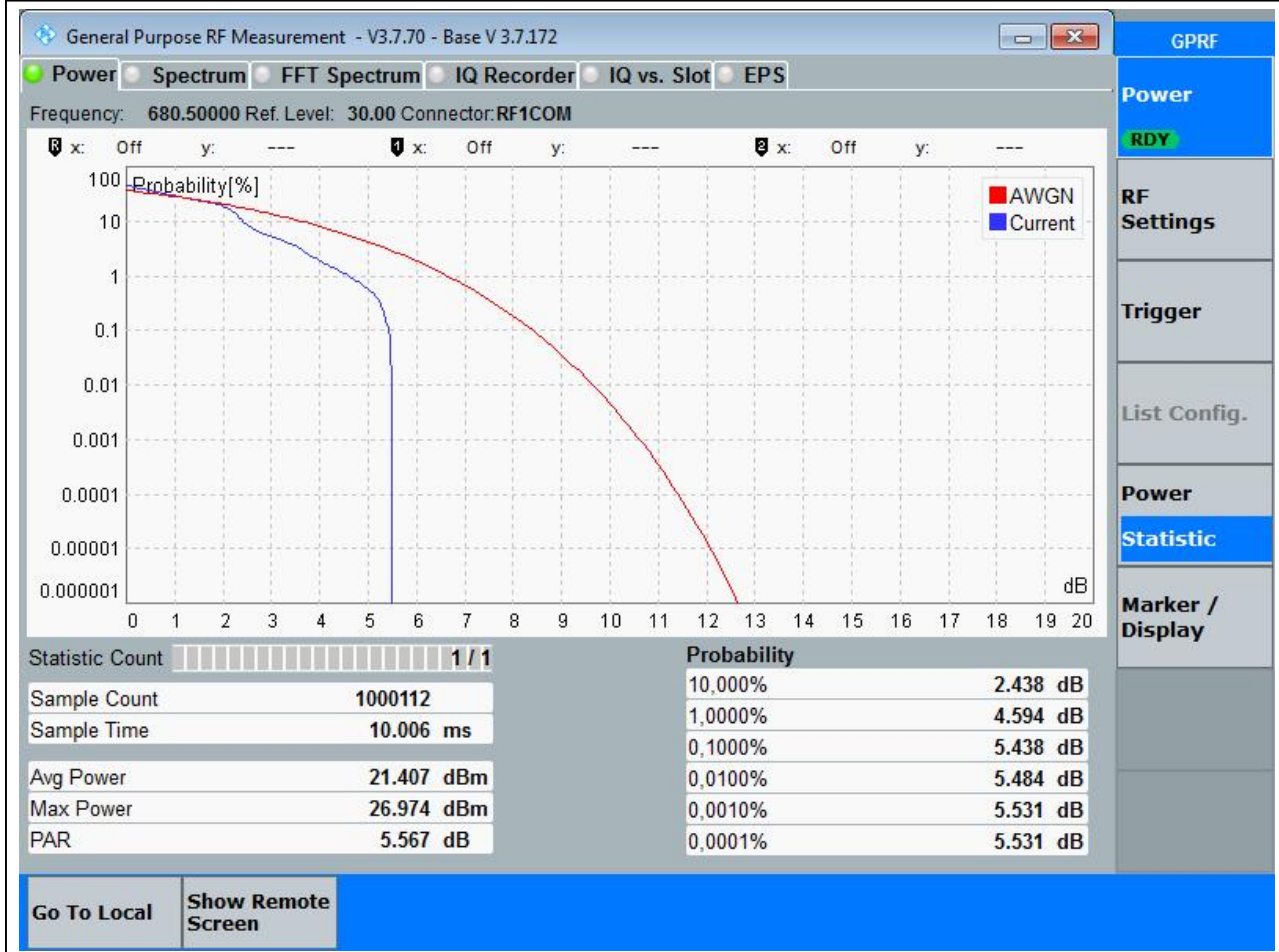
2.104. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	4.5	13	Pass



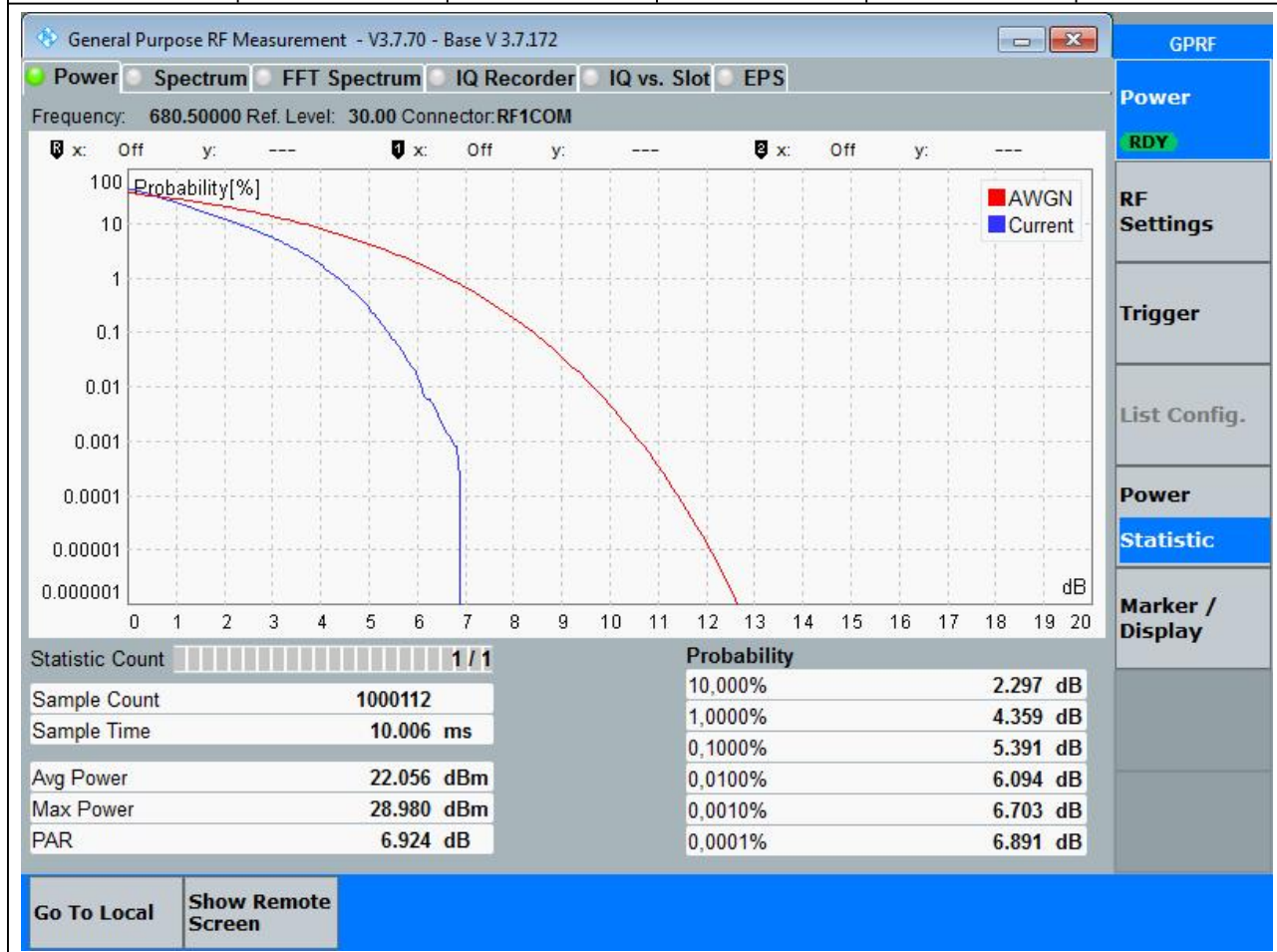
2.105. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	5.44	13	Pass



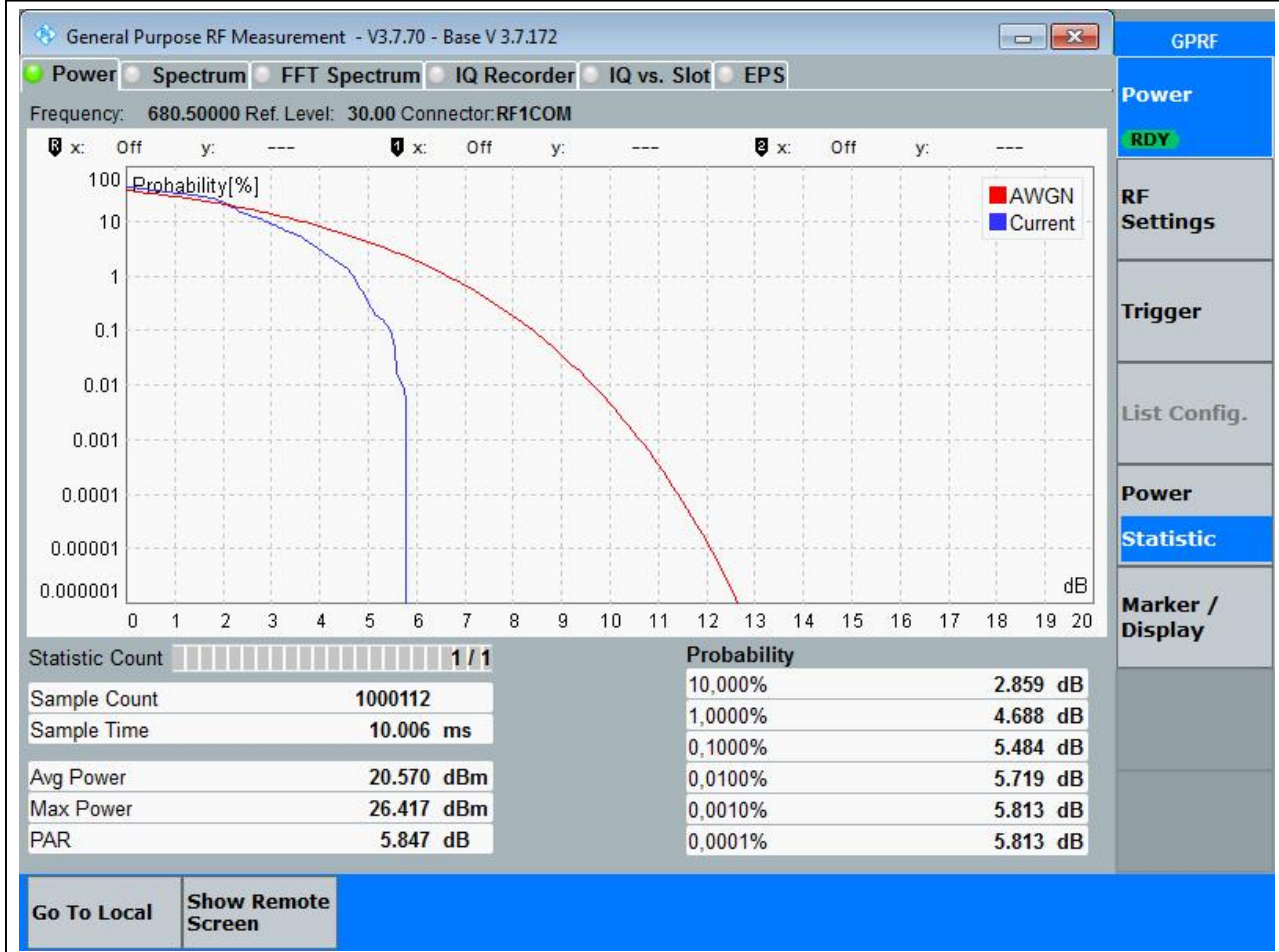
2.106. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	5.39	13	Pass



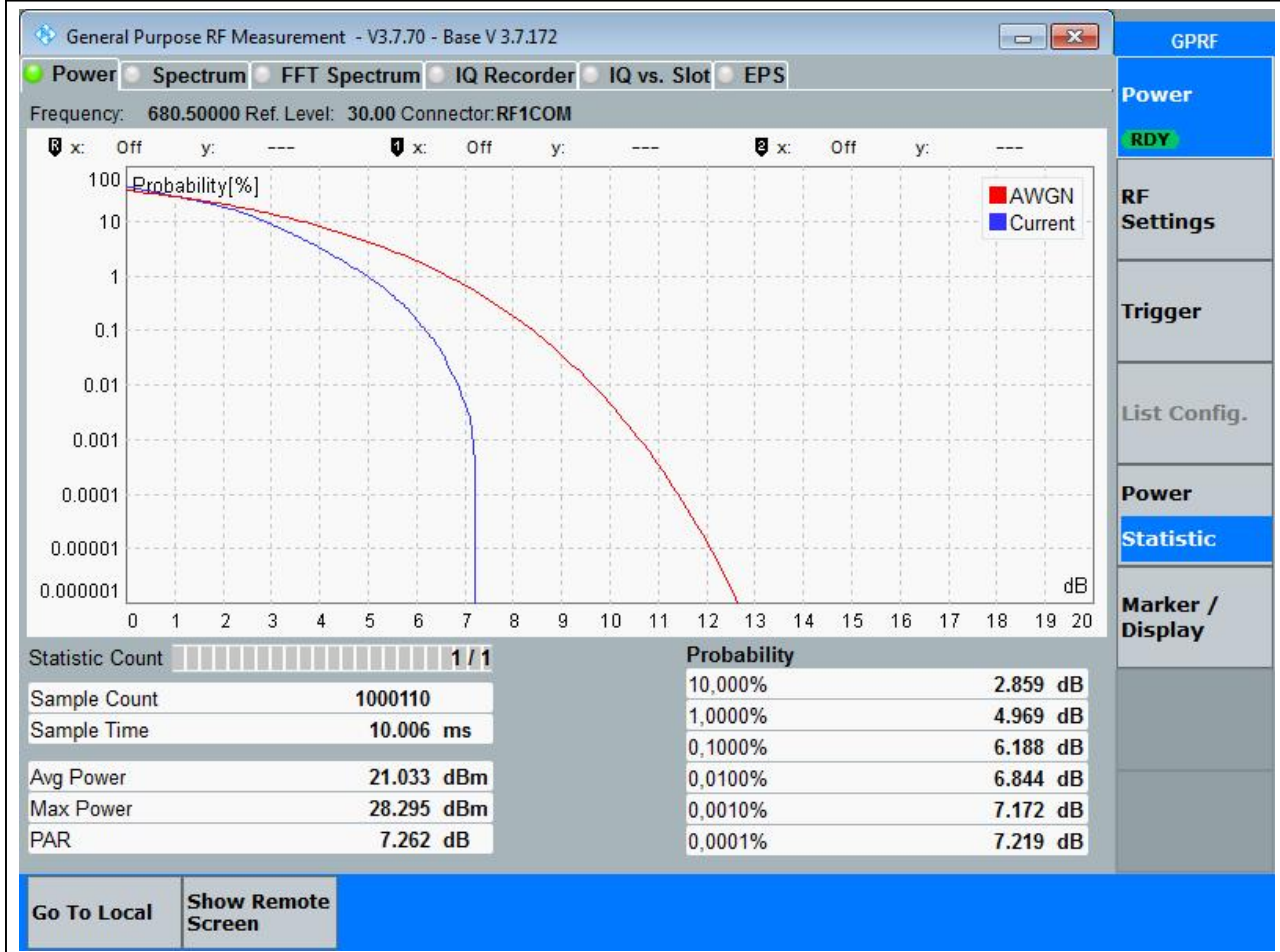
2.107. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	5.48	13	Pass



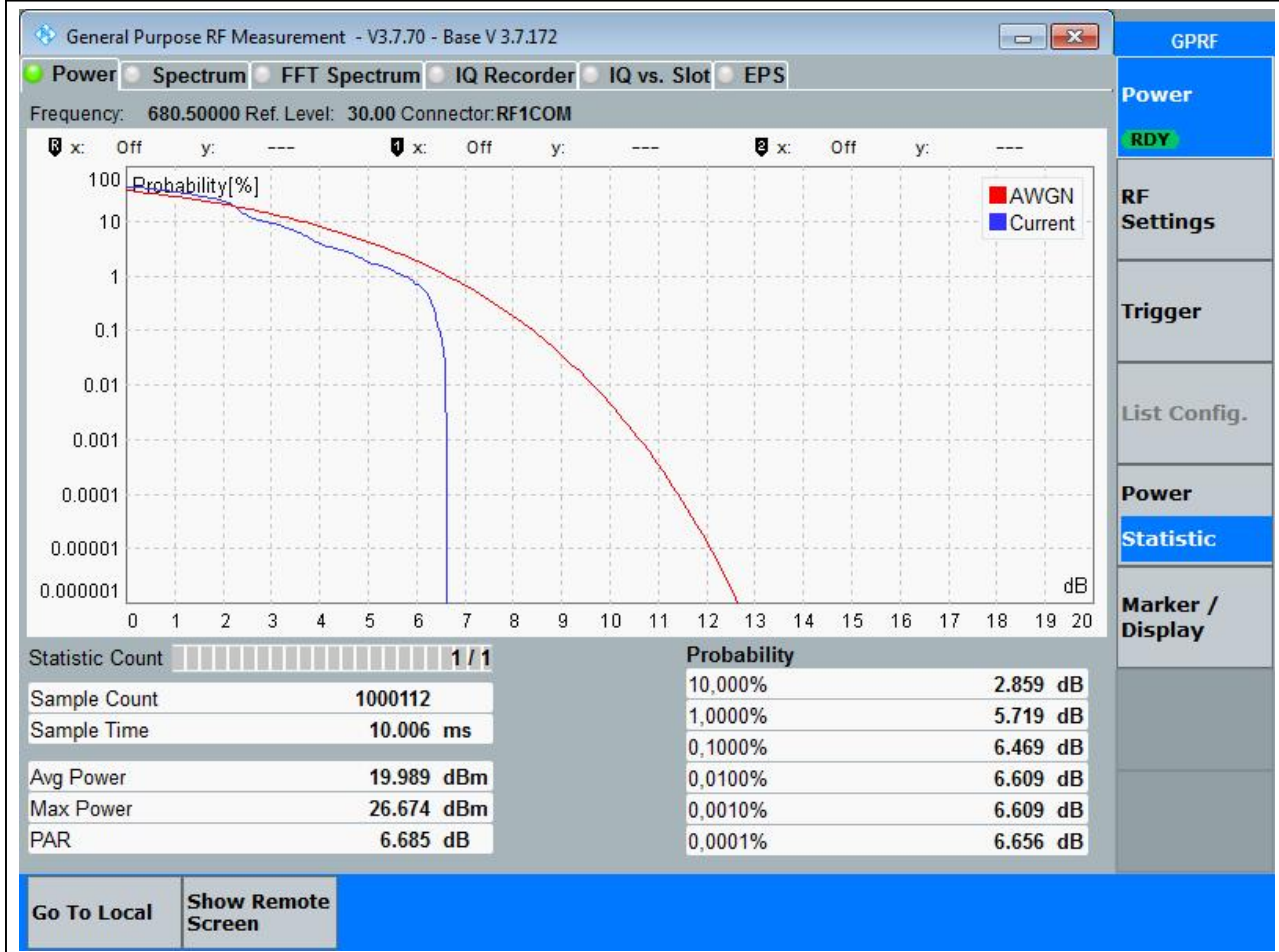
2.108. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	6.19	13	Pass



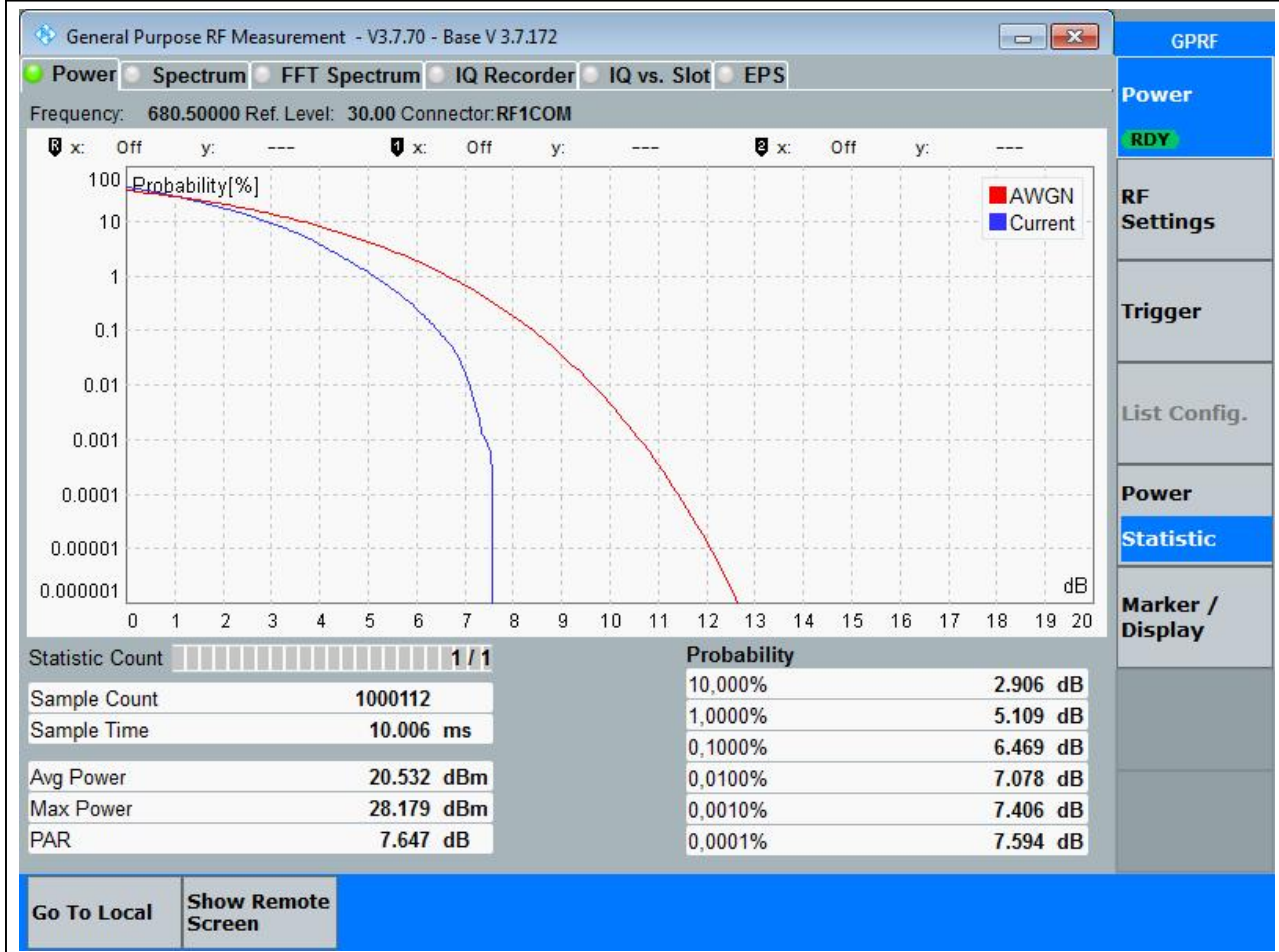
2.109. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	6.47	13	Pass



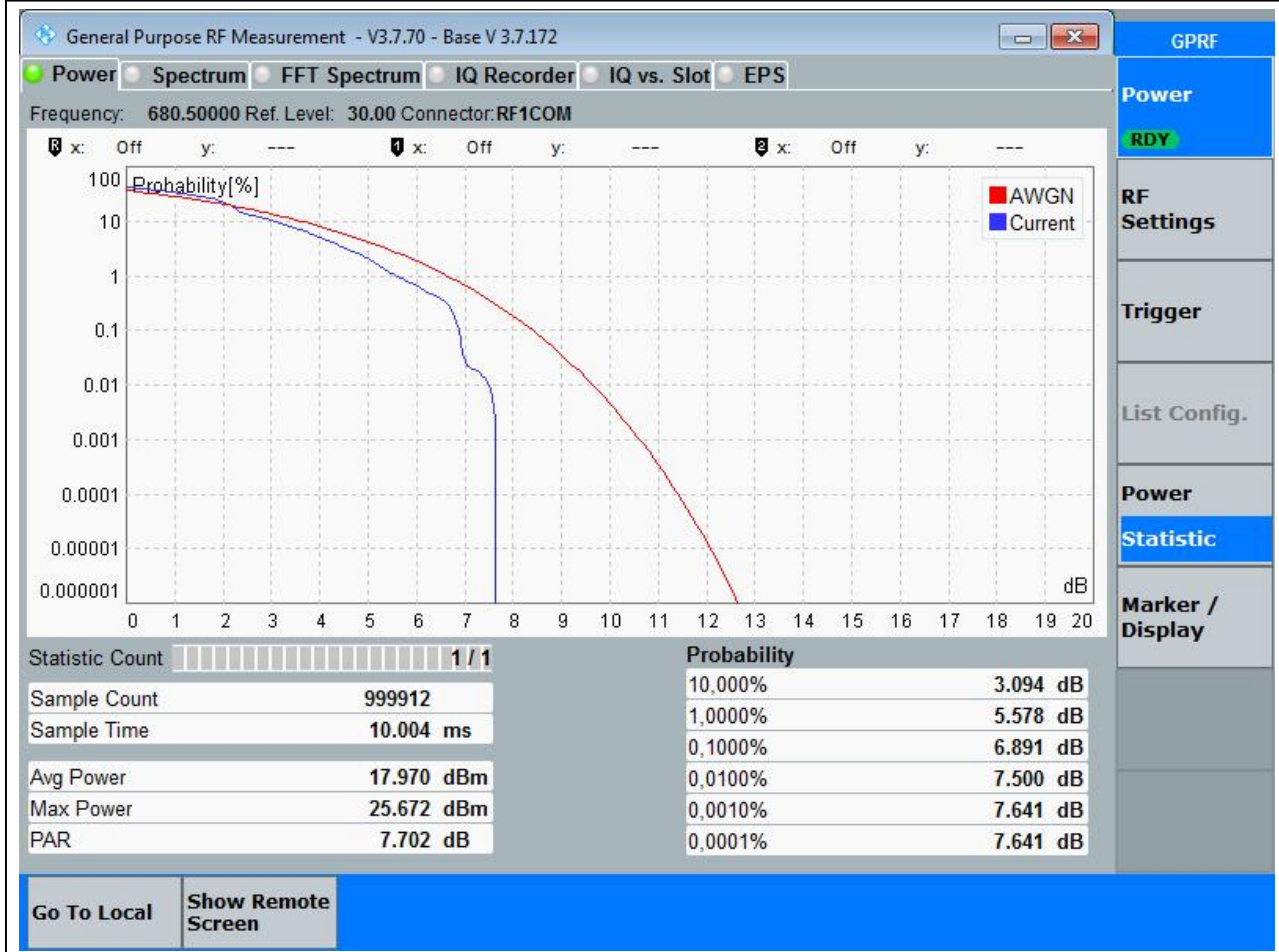
2.110. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	6.47	13	Pass



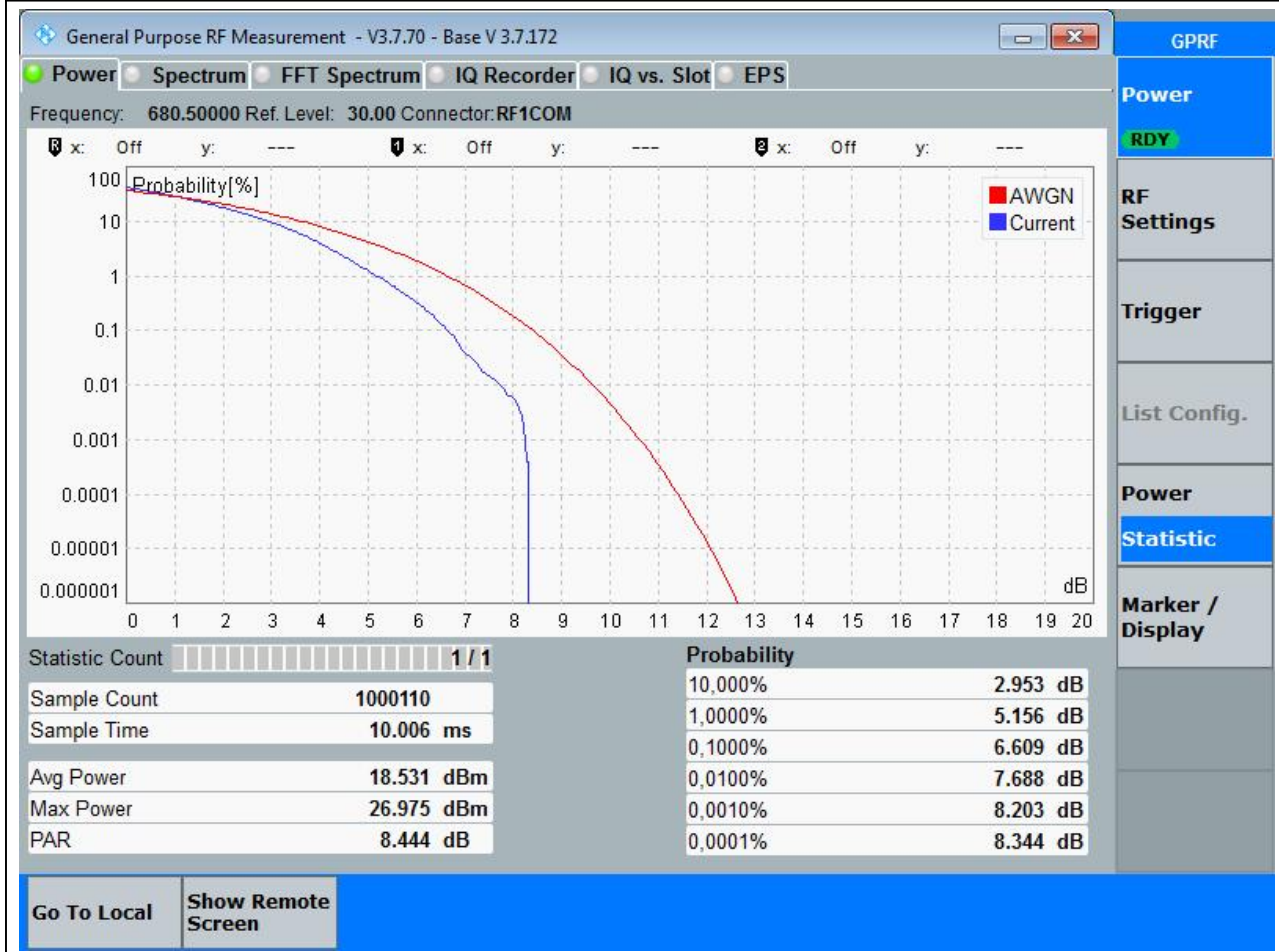
2.111. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	6.89	13	Pass



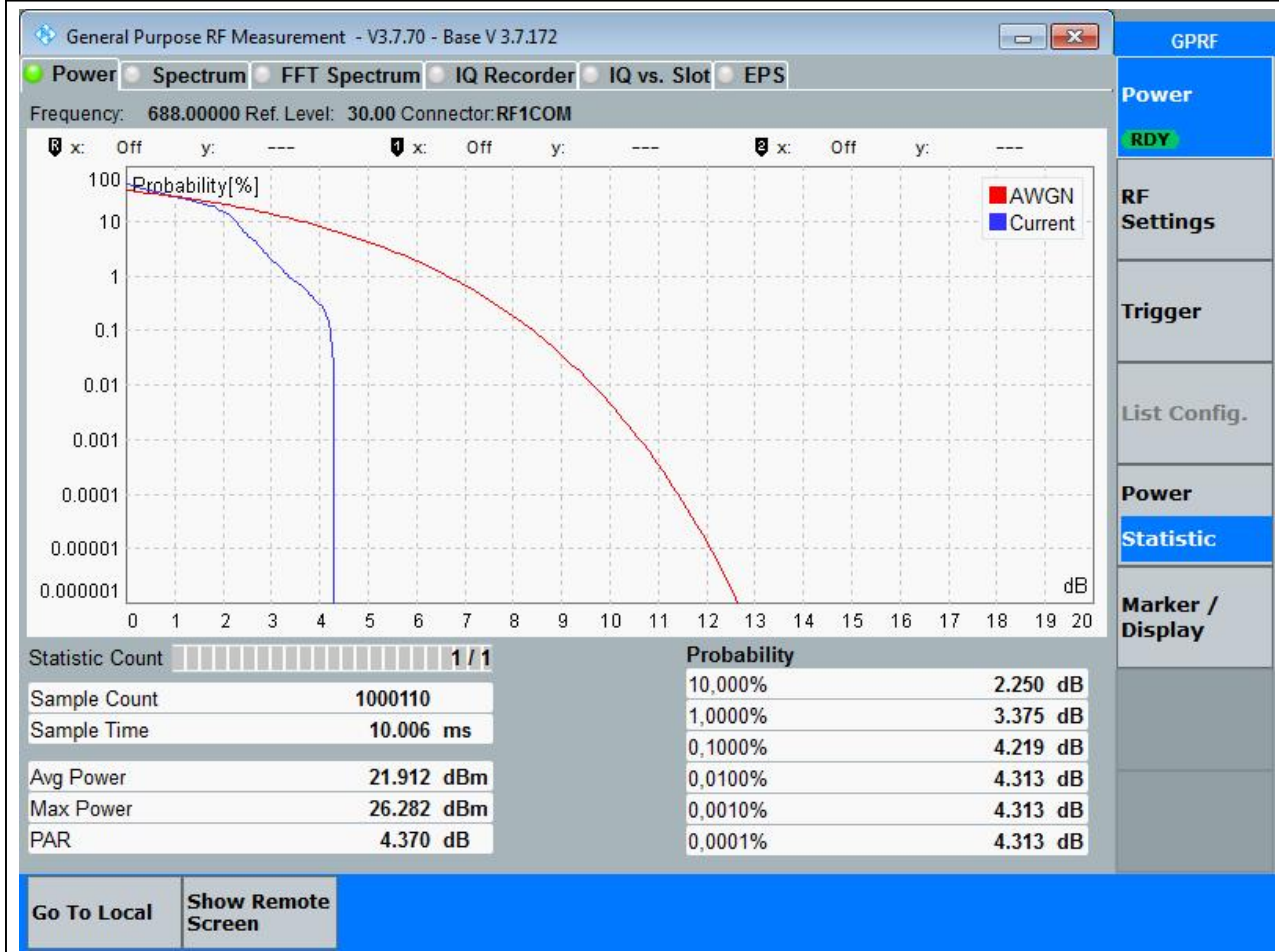
2.112. Peak to Average Ratio for SA_Part22-24-27(Channel:136100, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
680.5	0.1	20	6.61	13	Pass



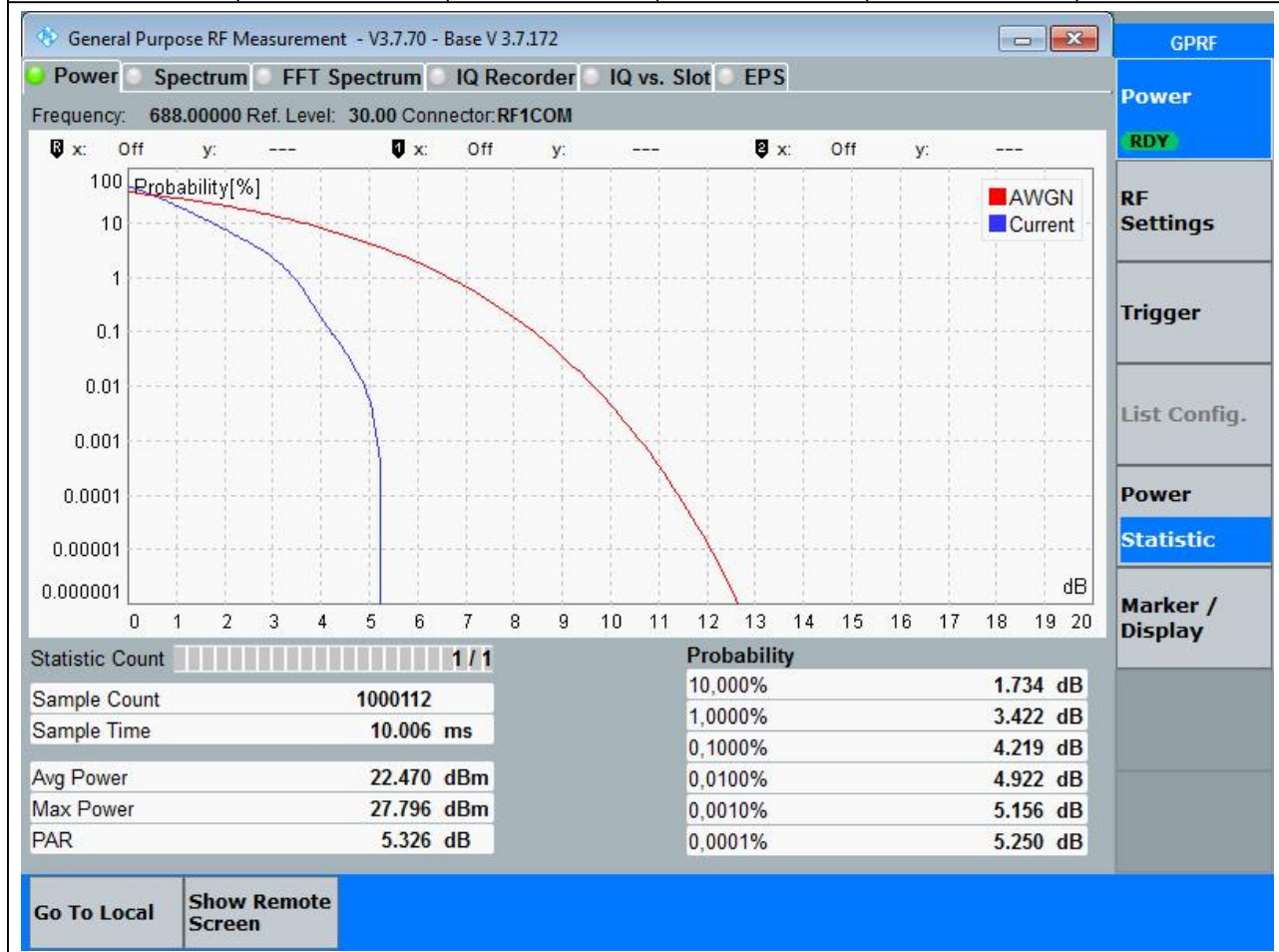
2.113. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	4.22	13	Pass



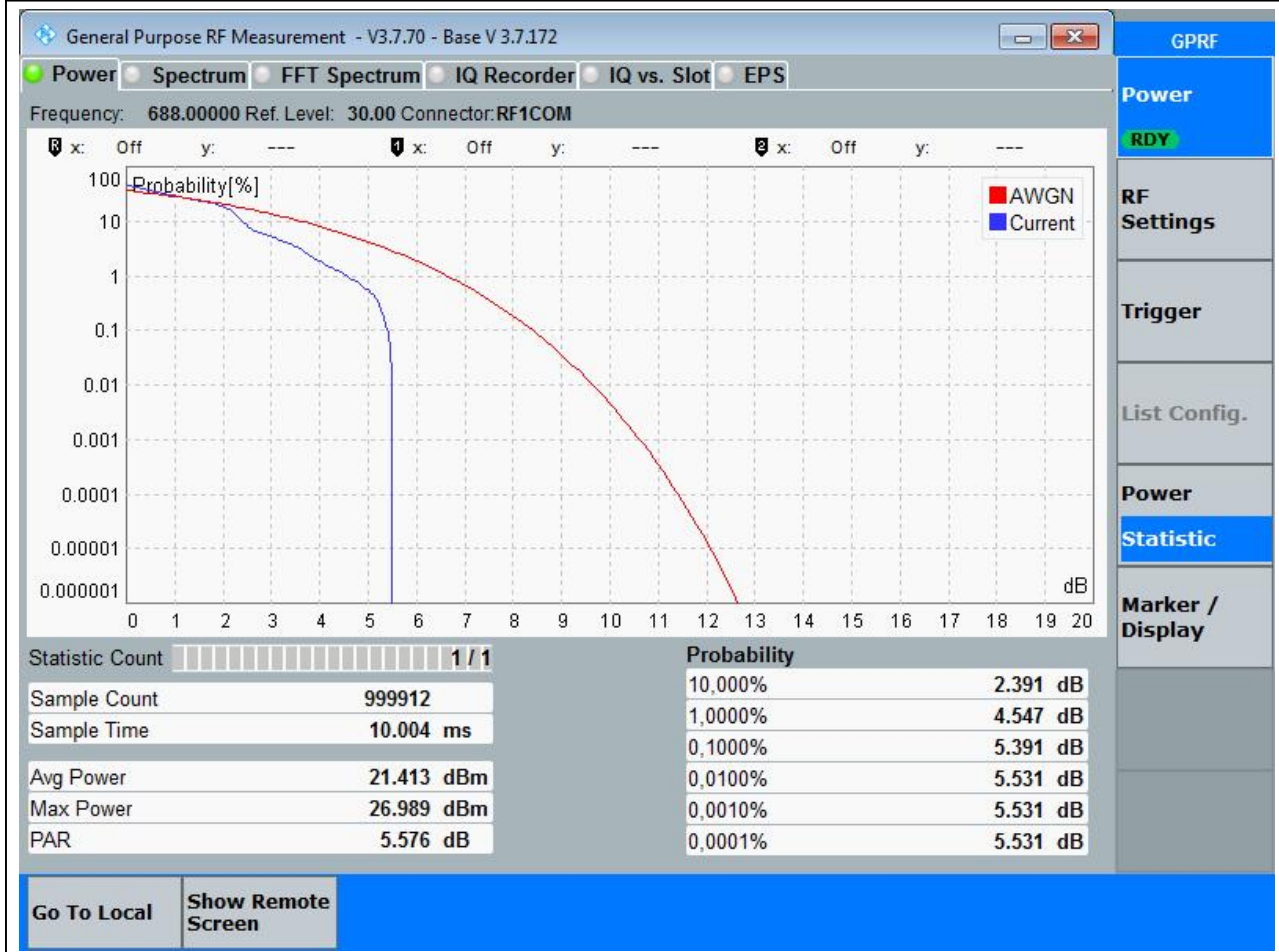
2.114. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	4.22	13	Pass



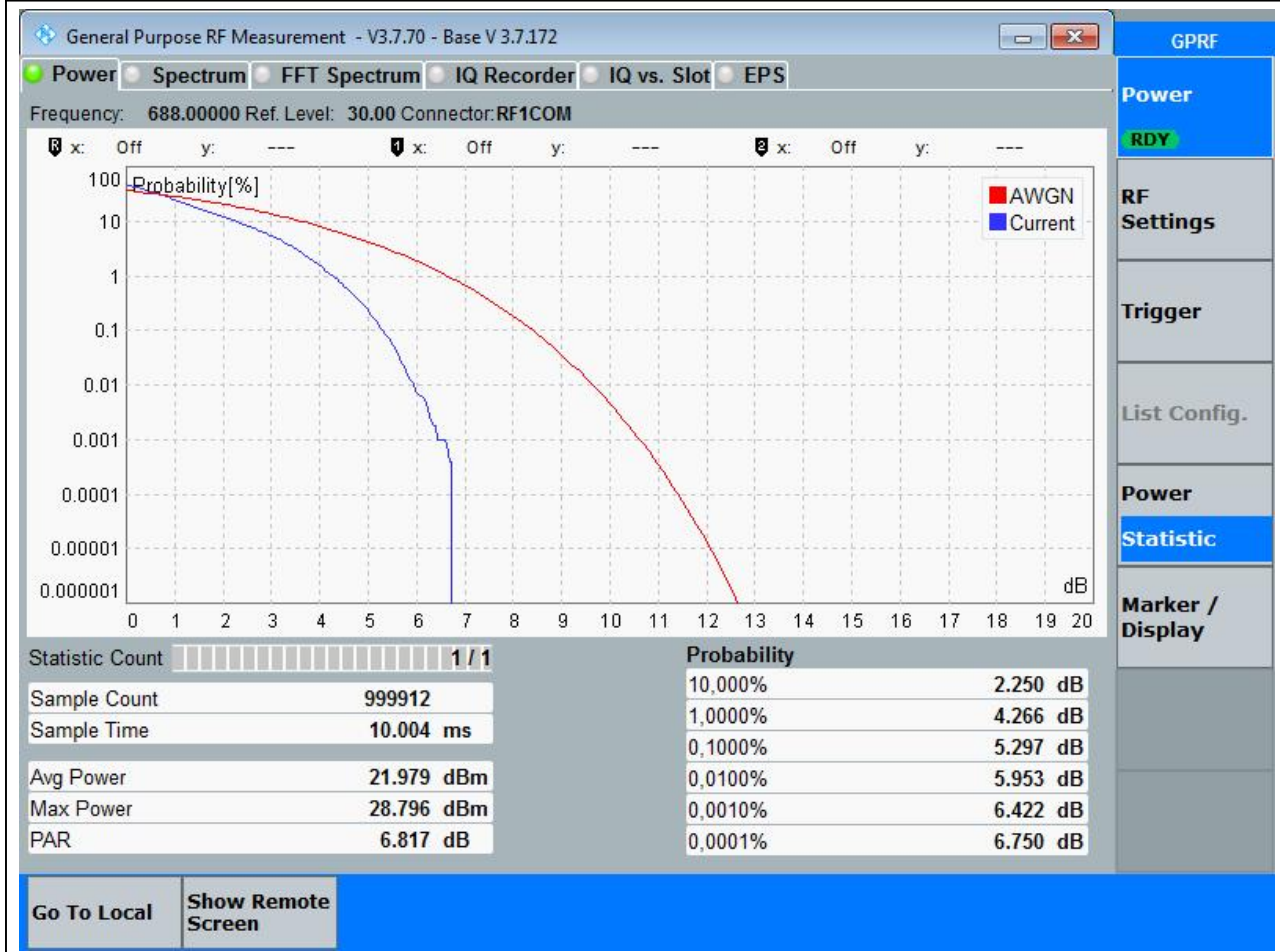
2.115. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	5.39	13	Pass



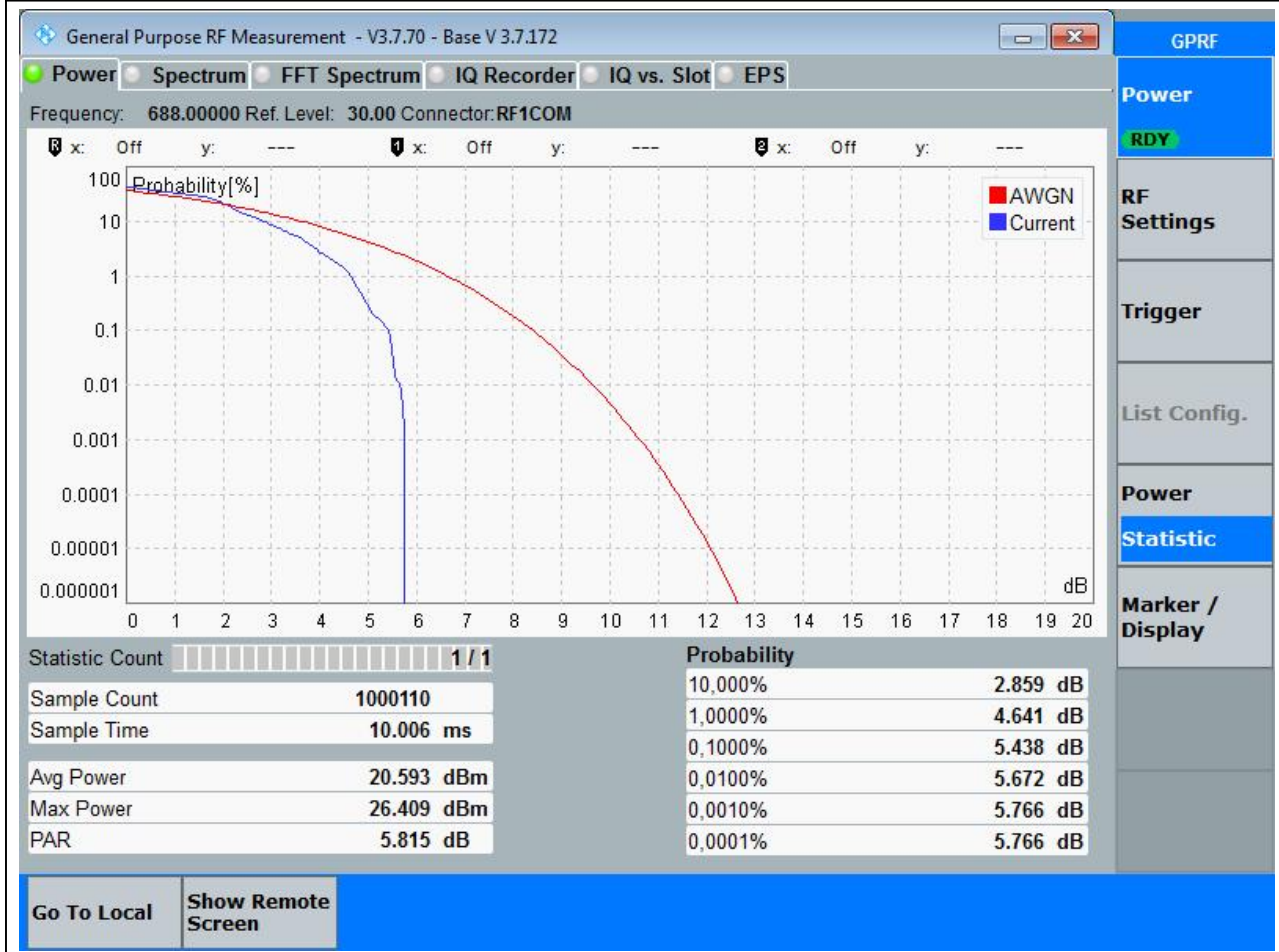
2.116. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	5.3	13	Pass



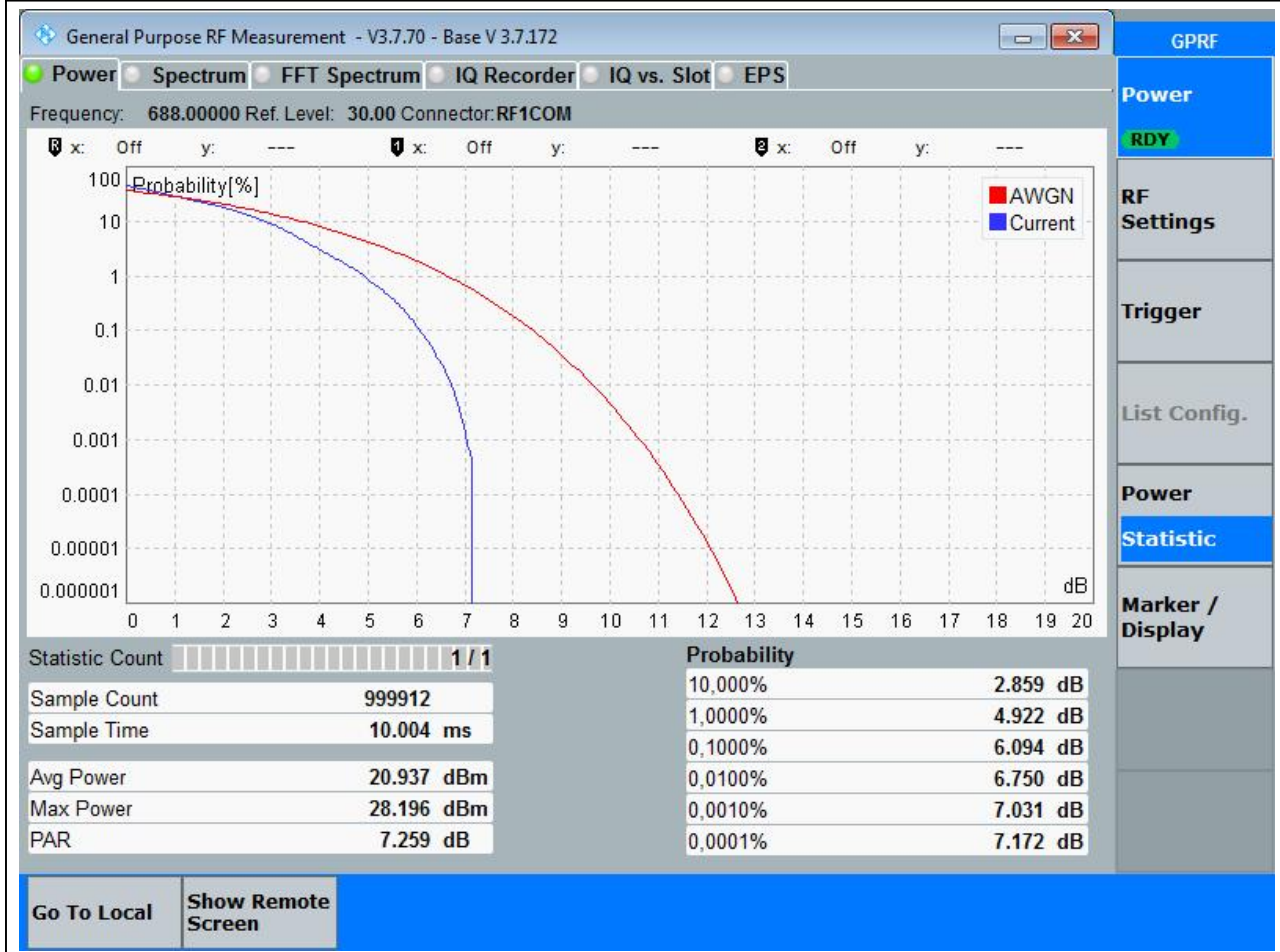
2.117. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	5.44	13	Pass



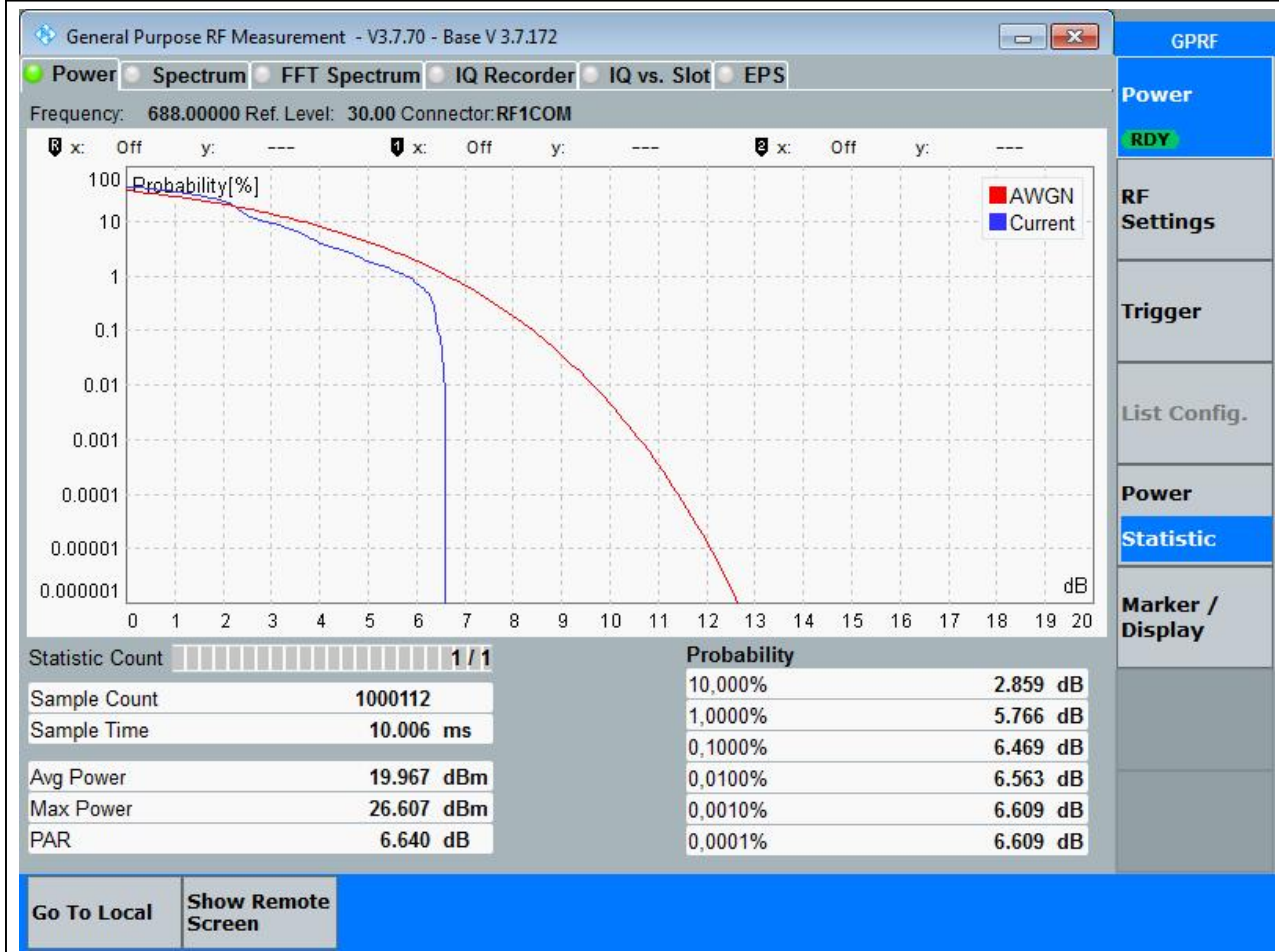
2.118. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	6.09	13	Pass



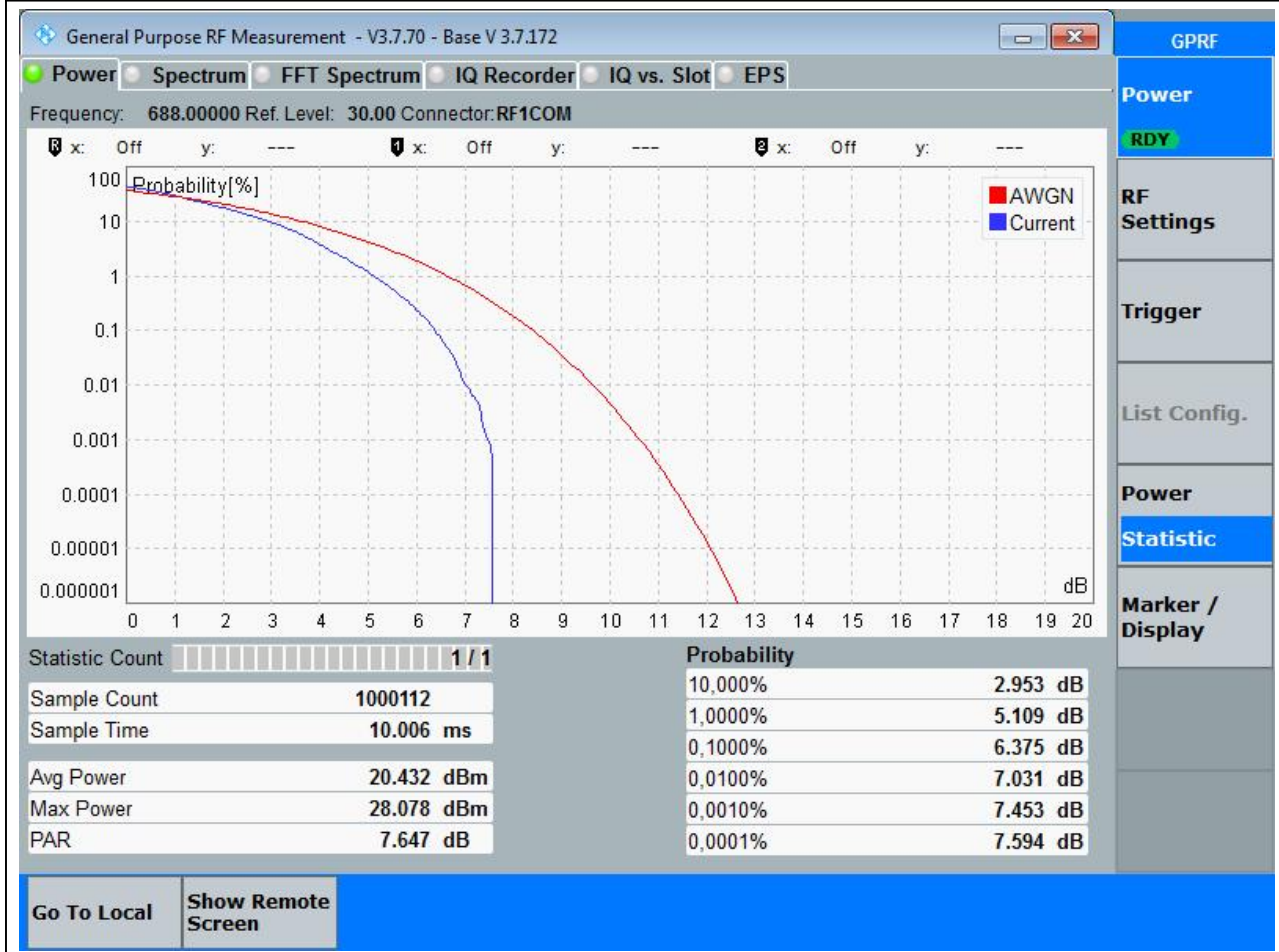
2.119. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	6.47	13	Pass



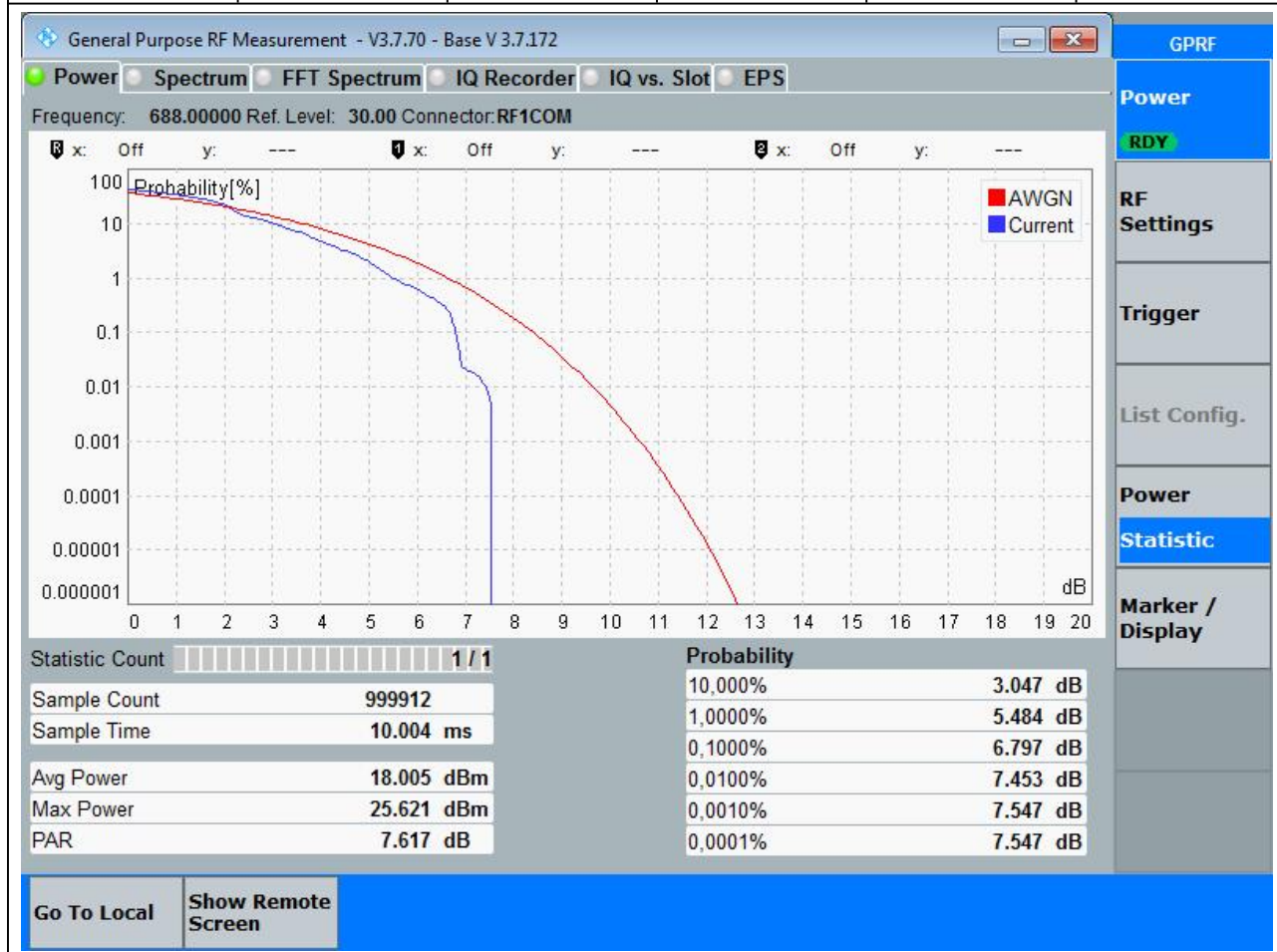
2.120. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	6.37	13	Pass



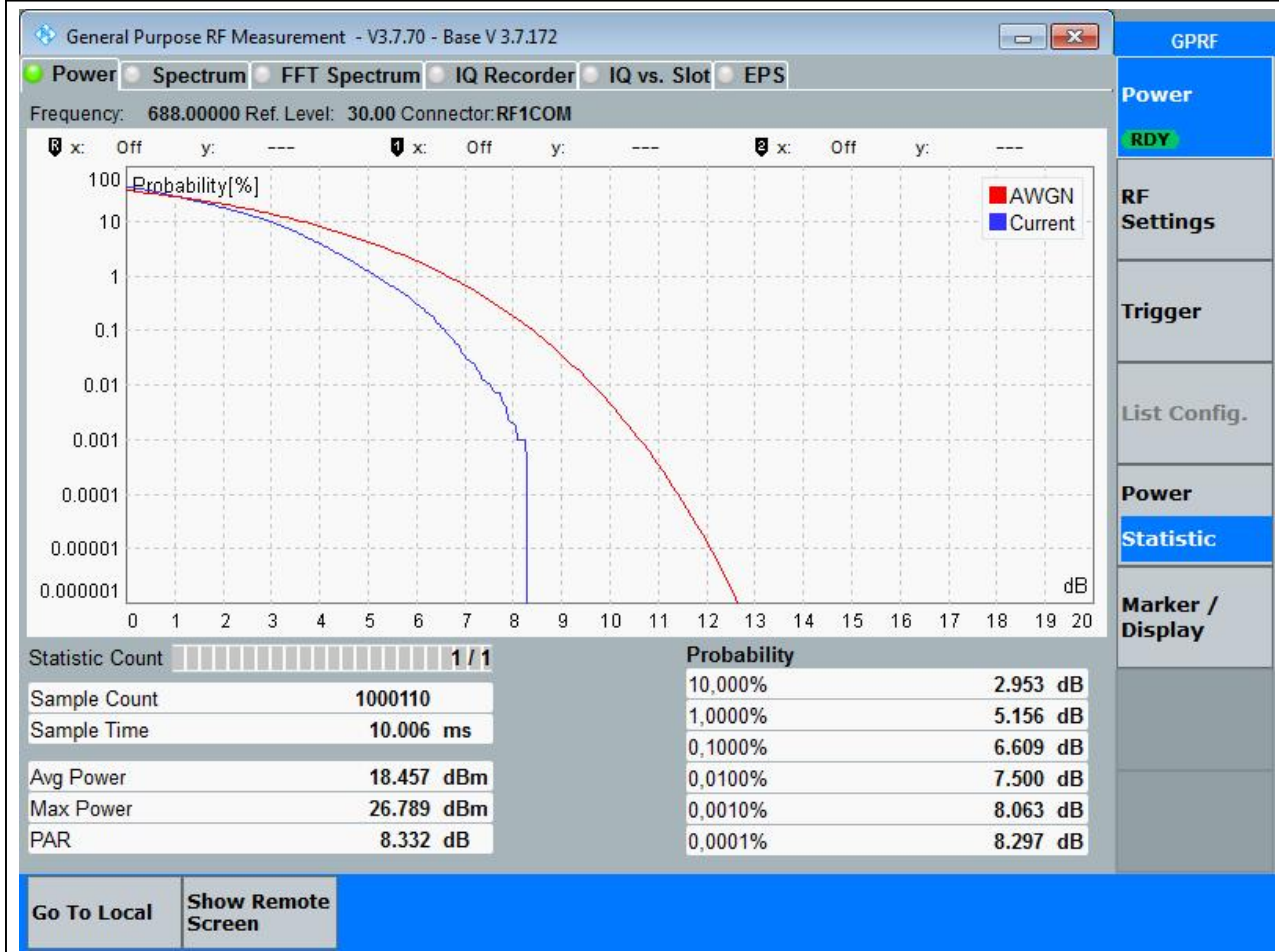
2.121. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	6.8	13	Pass



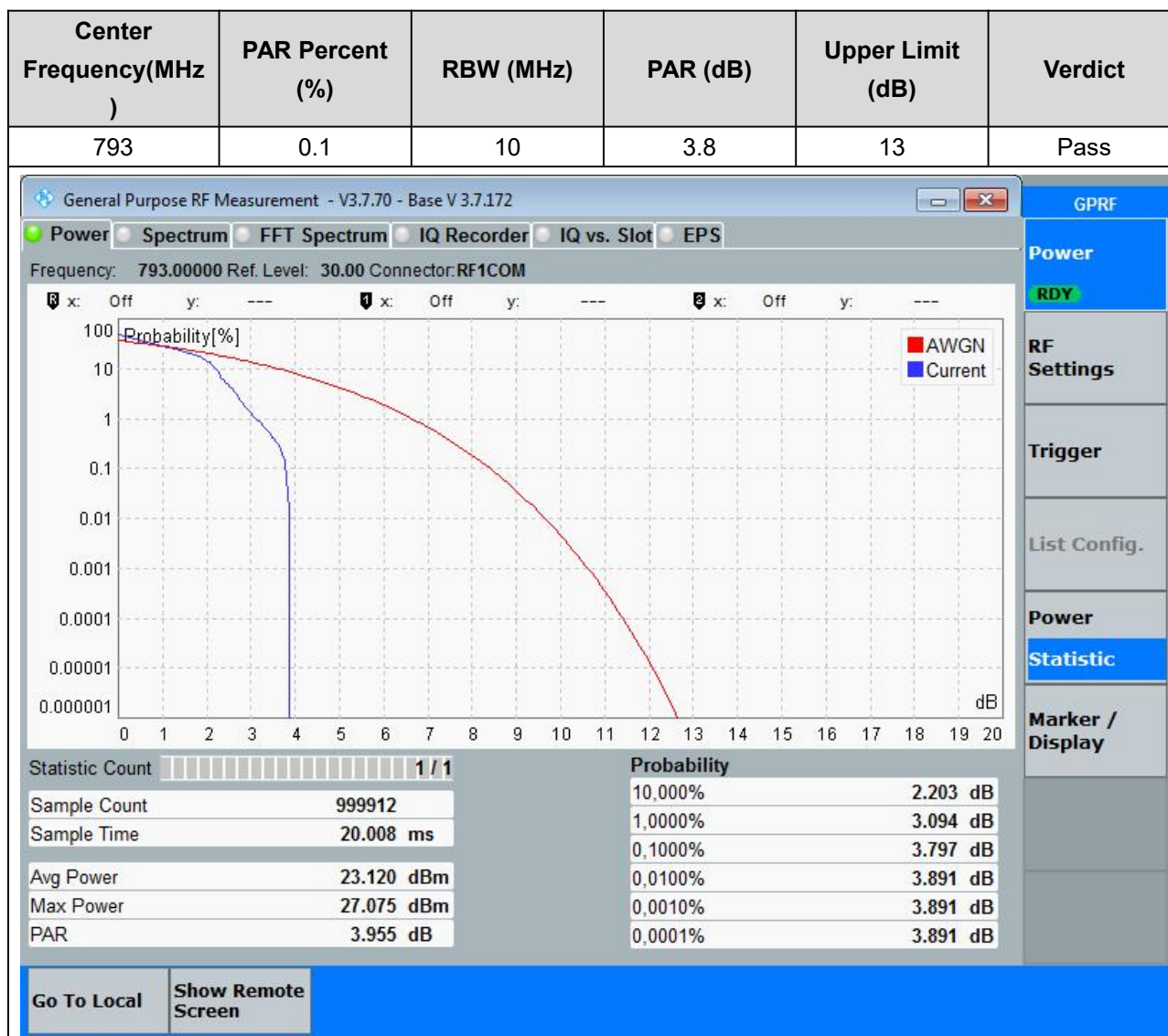
2.122. Peak to Average Ratio for SA_Part22-24-27(Channel:137600, Bandwidth:20, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
688	0.1	20	6.61	13	Pass



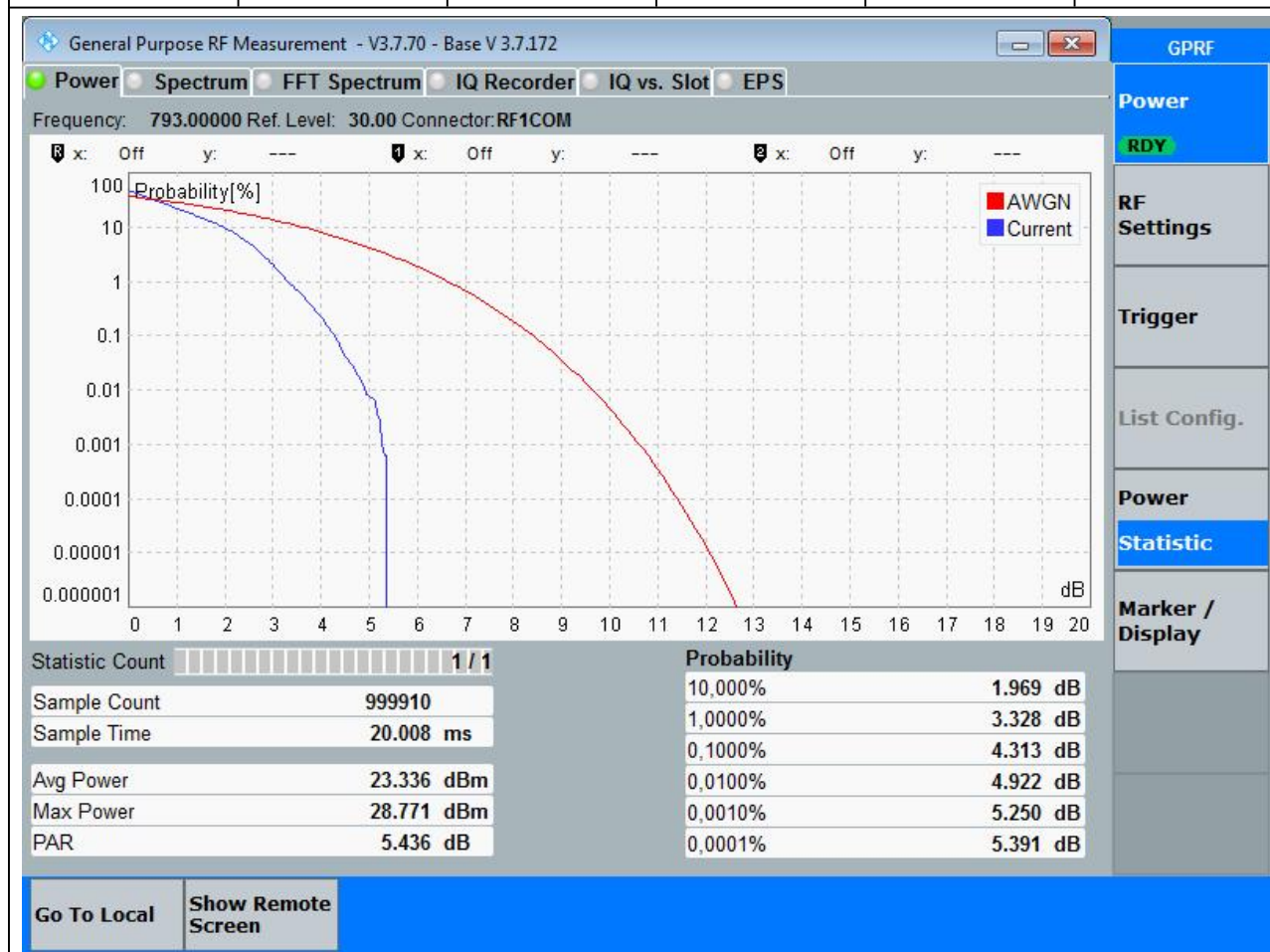
1. n14

1.40. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



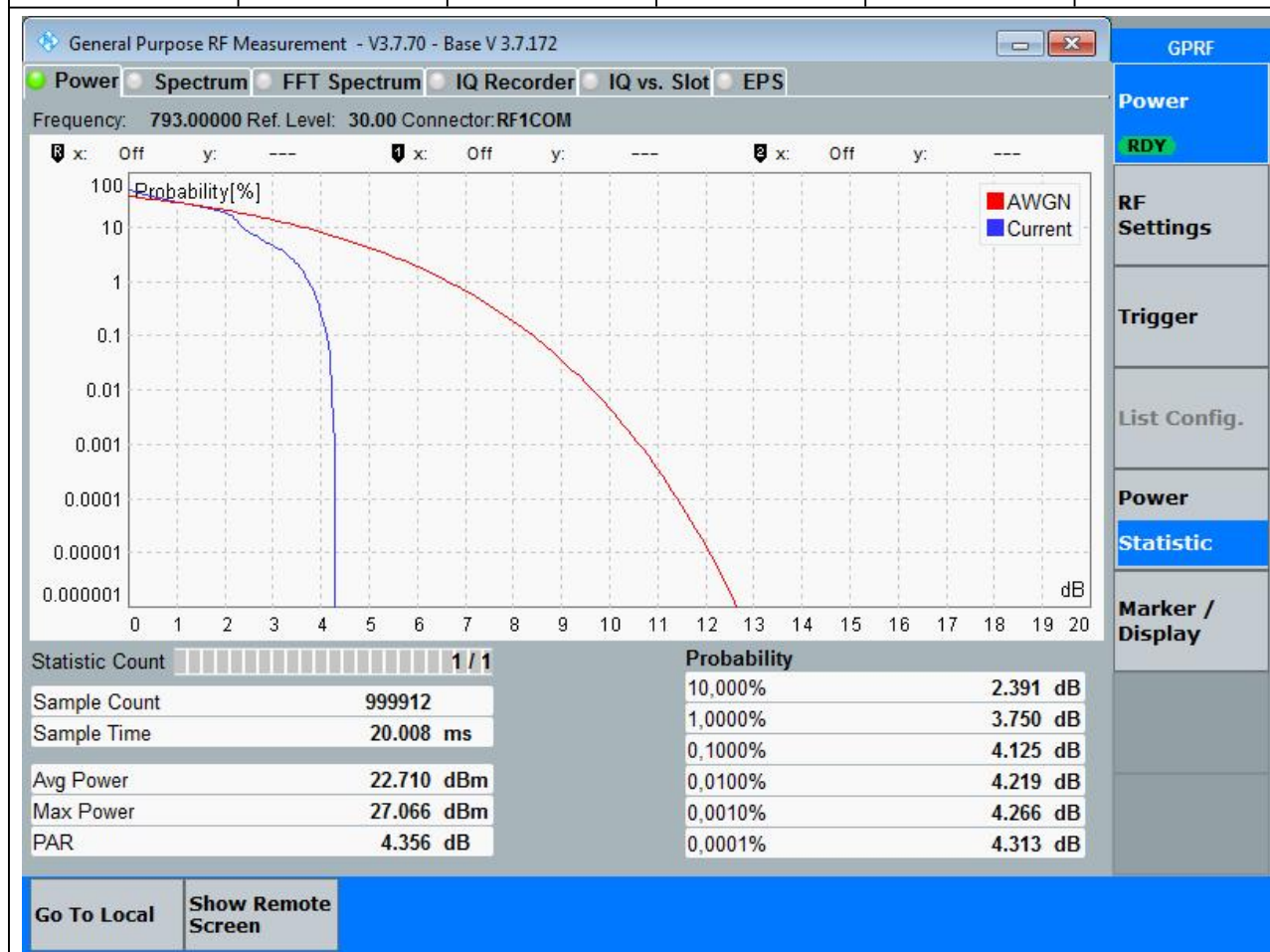
1.41. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	4.31	13	Pass



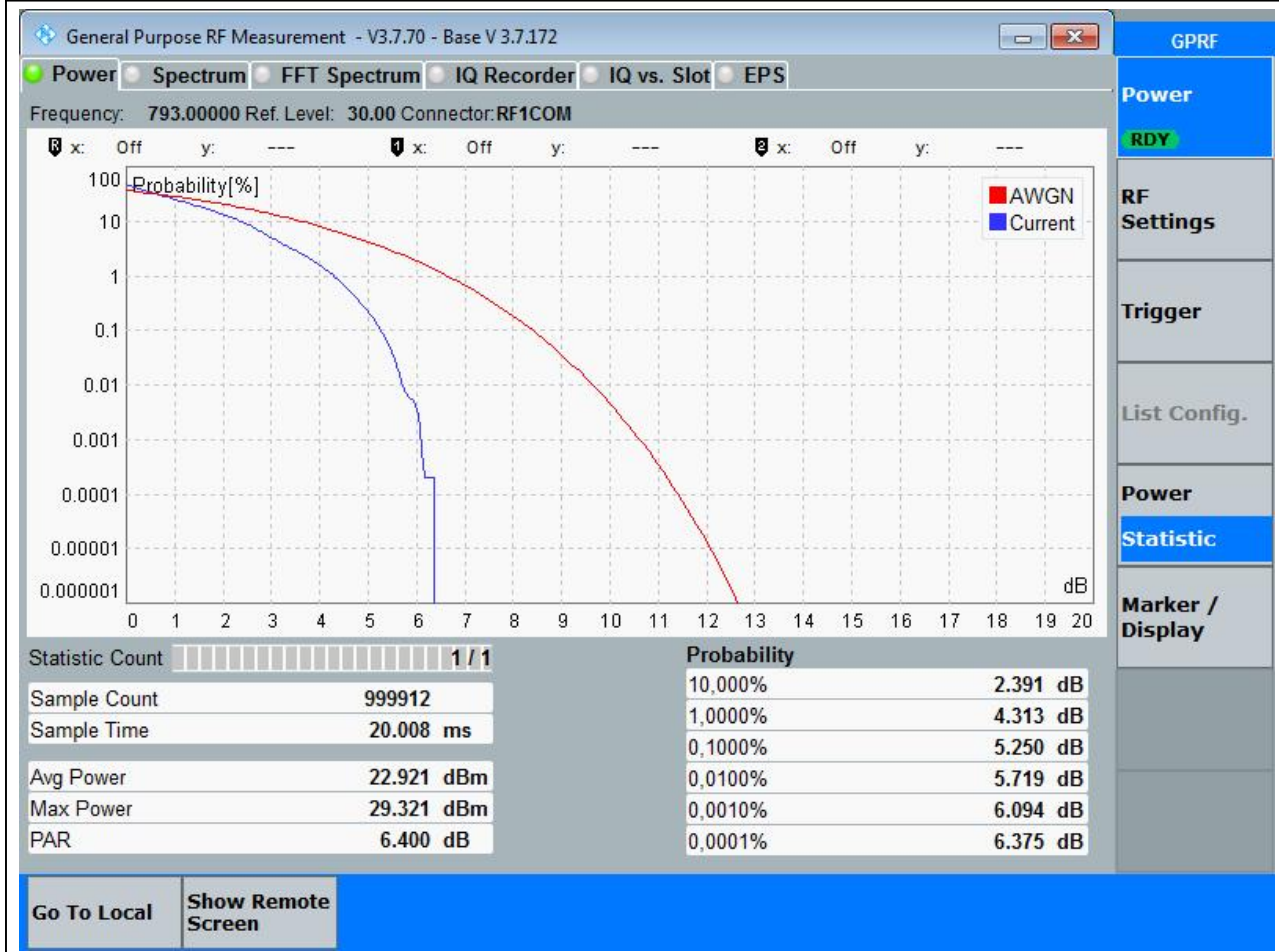
1.42. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	4.12	13	Pass



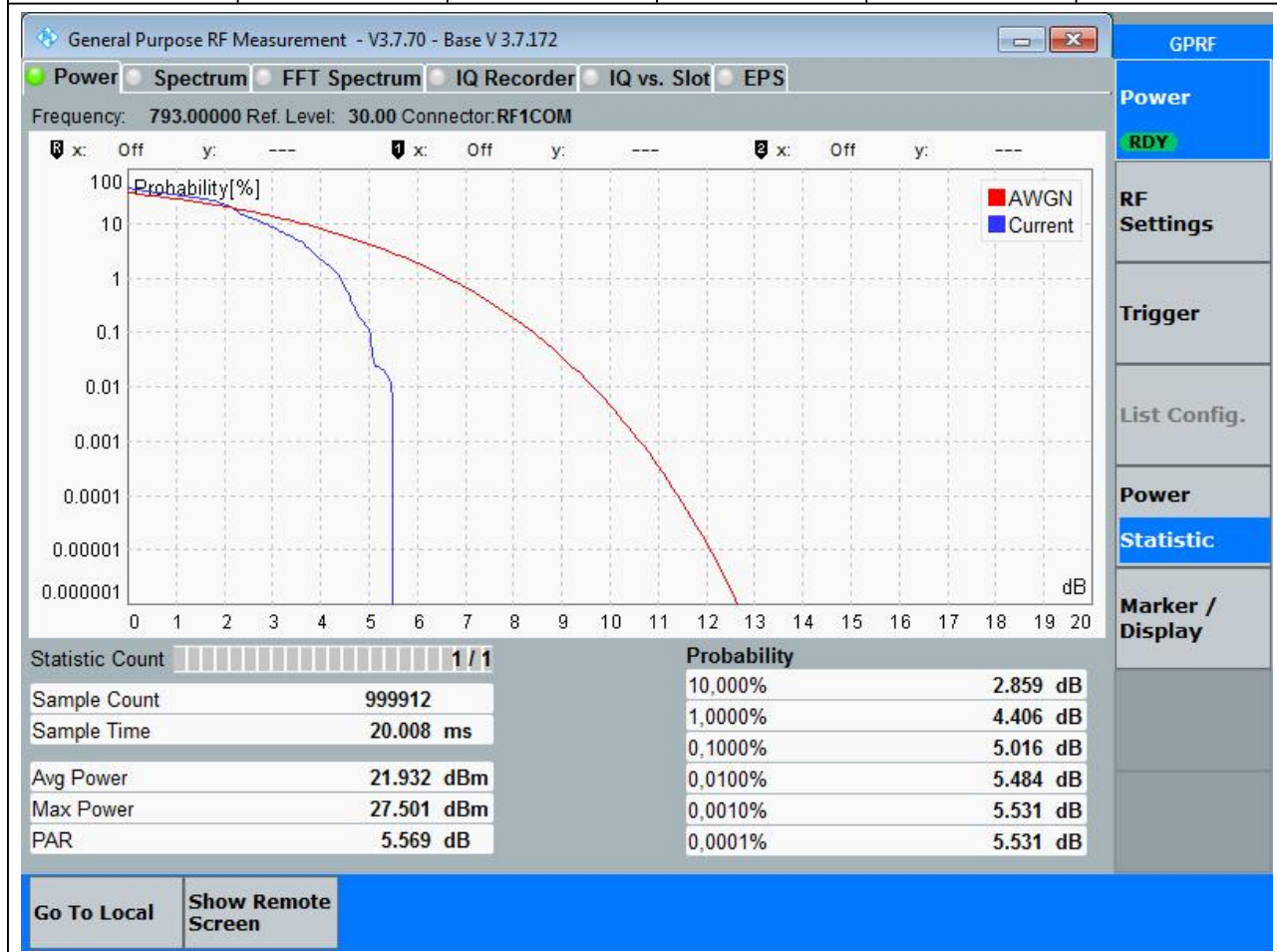
1.43. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	5.25	13	Pass



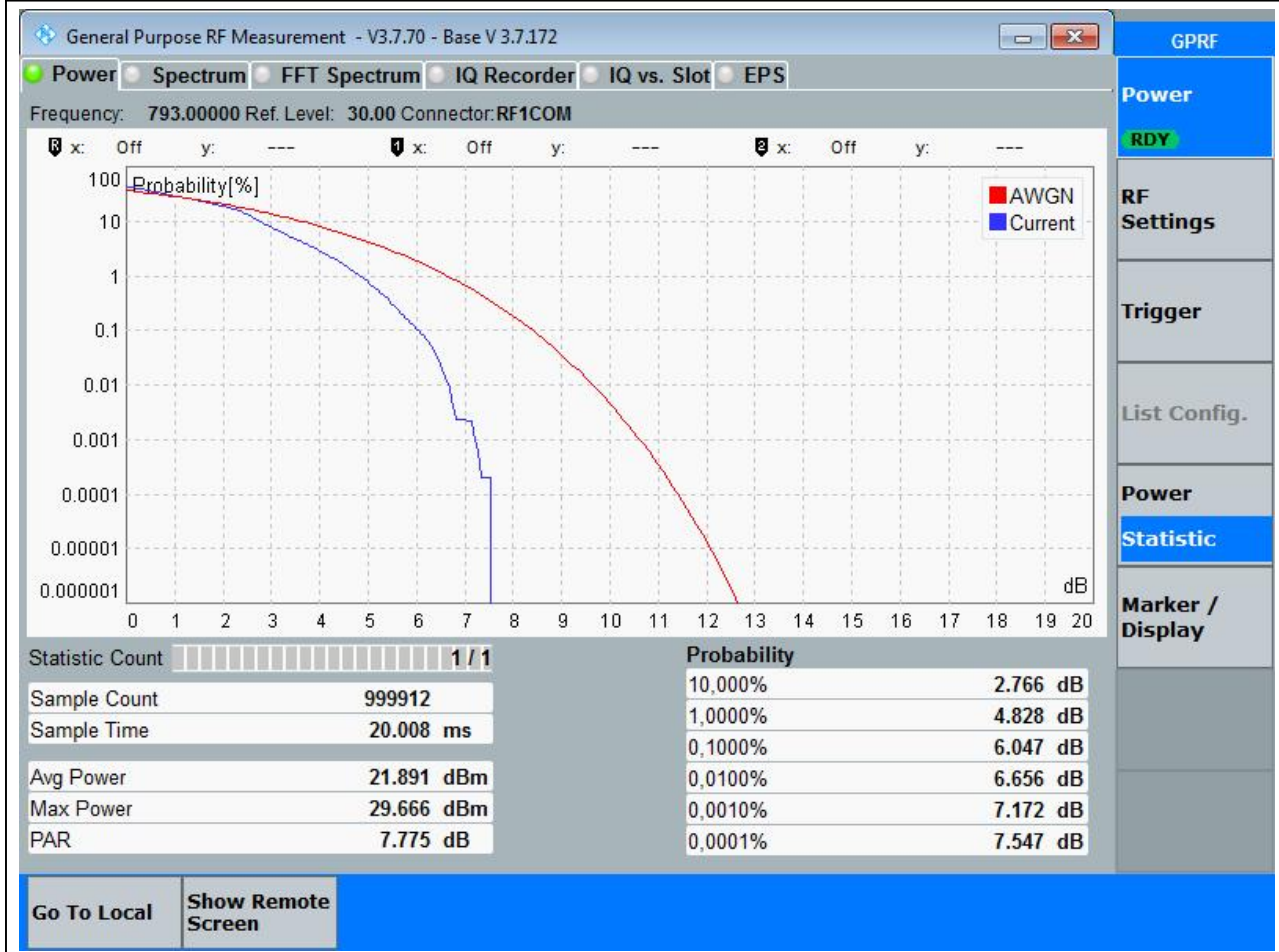
1.44. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	5.02	13	Pass



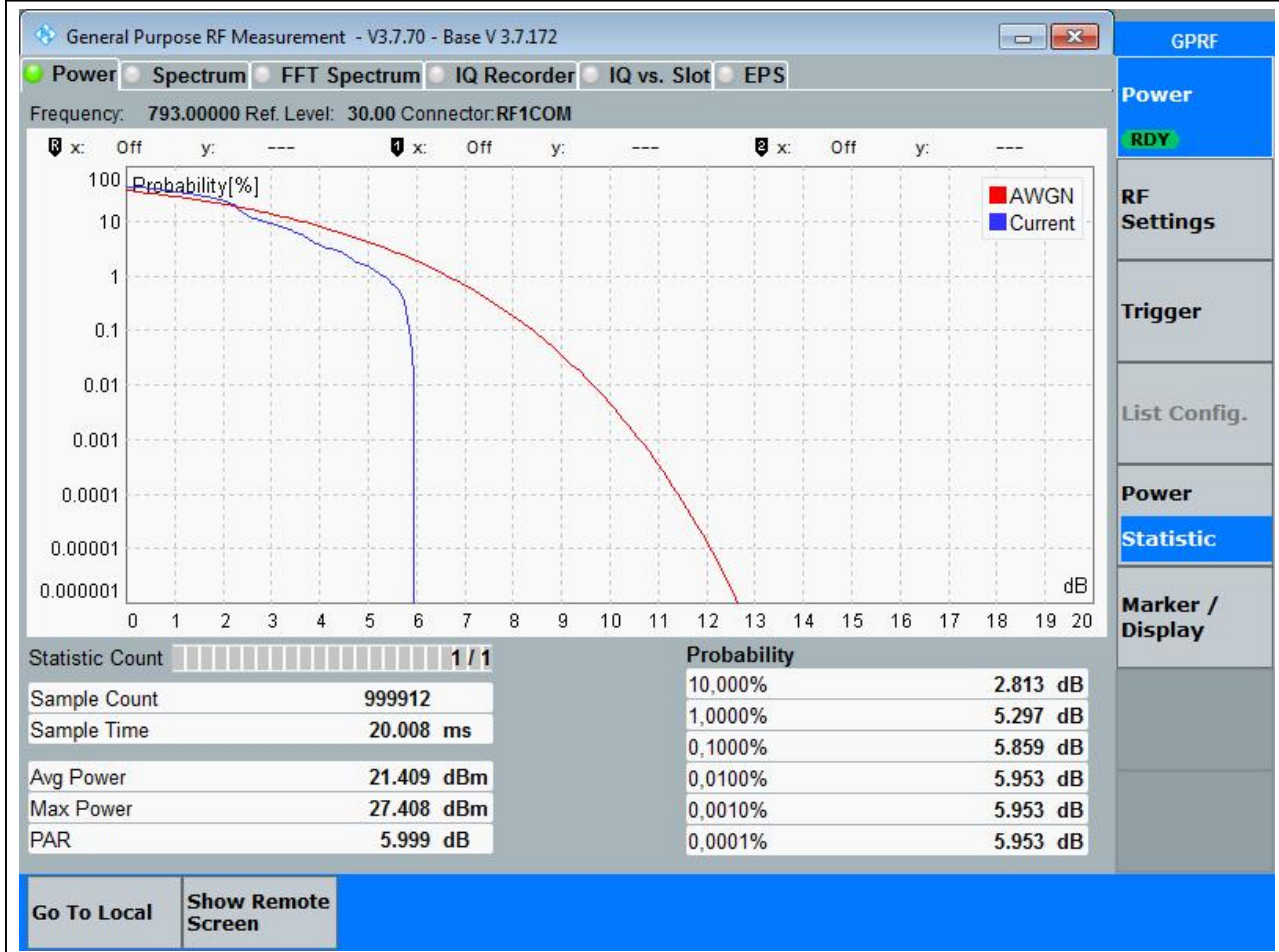
1.45. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	6.05	13	Pass



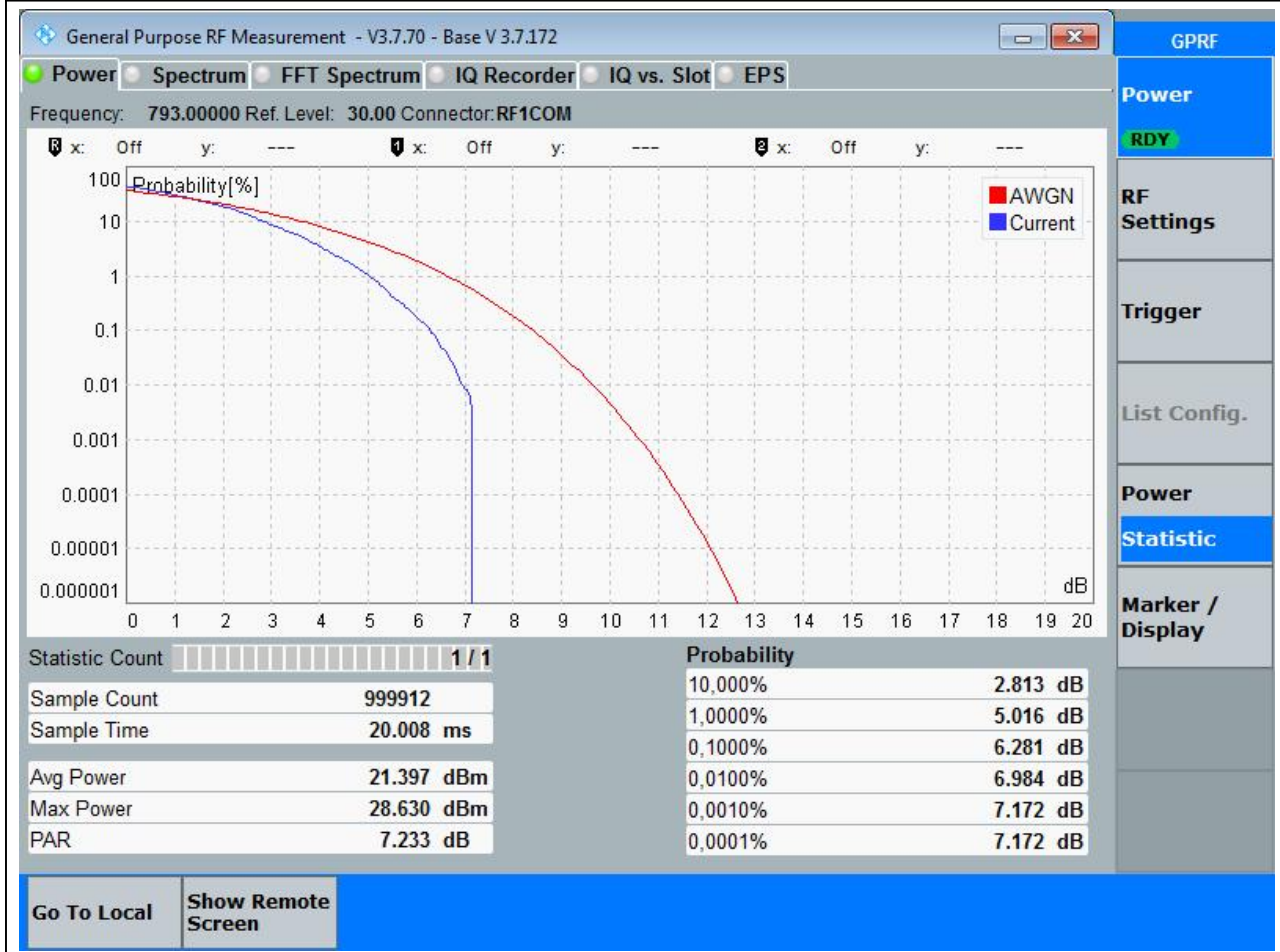
1.46. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	5.86	13	Pass



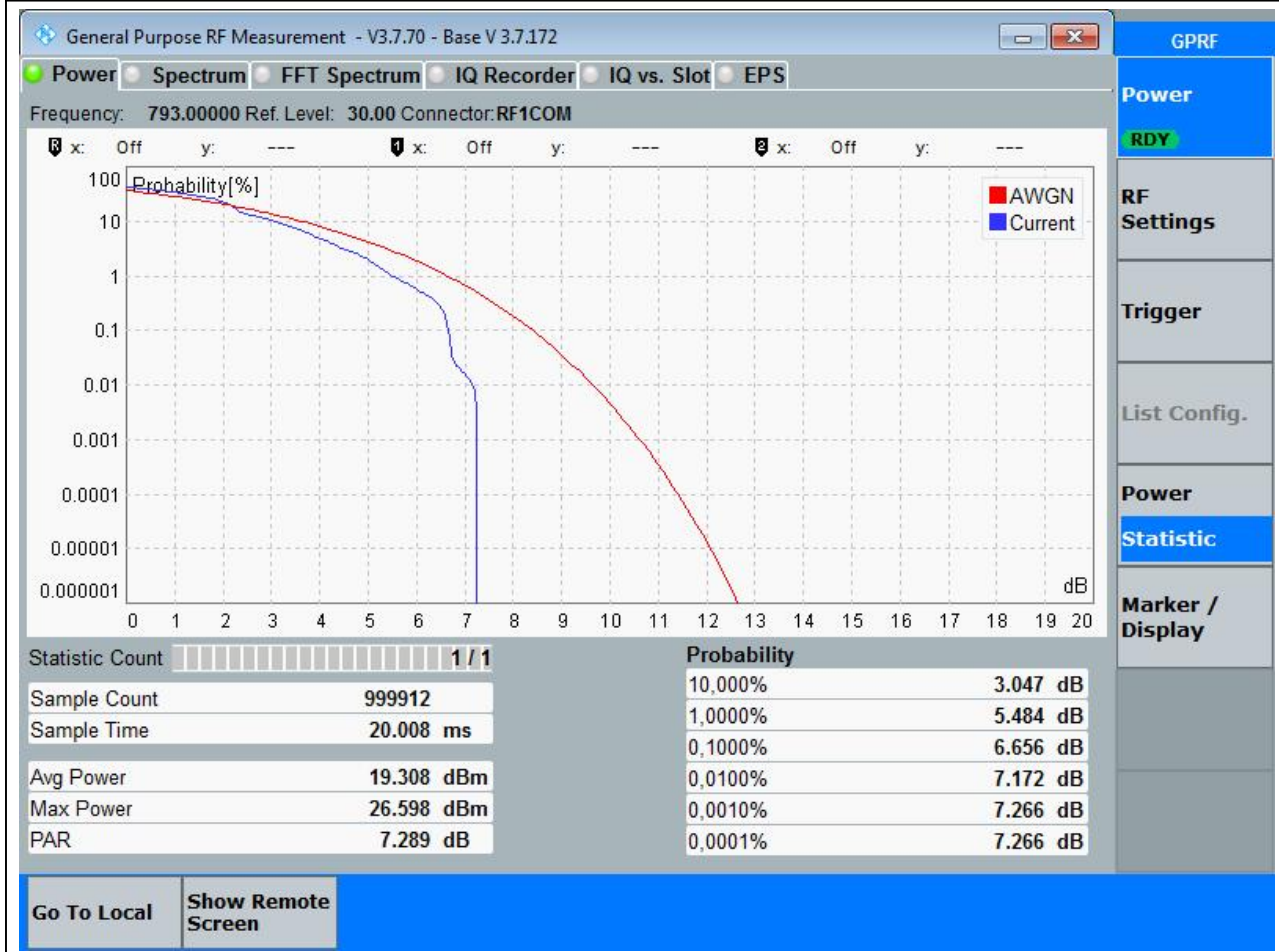
1.47. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	6.28	13	Pass



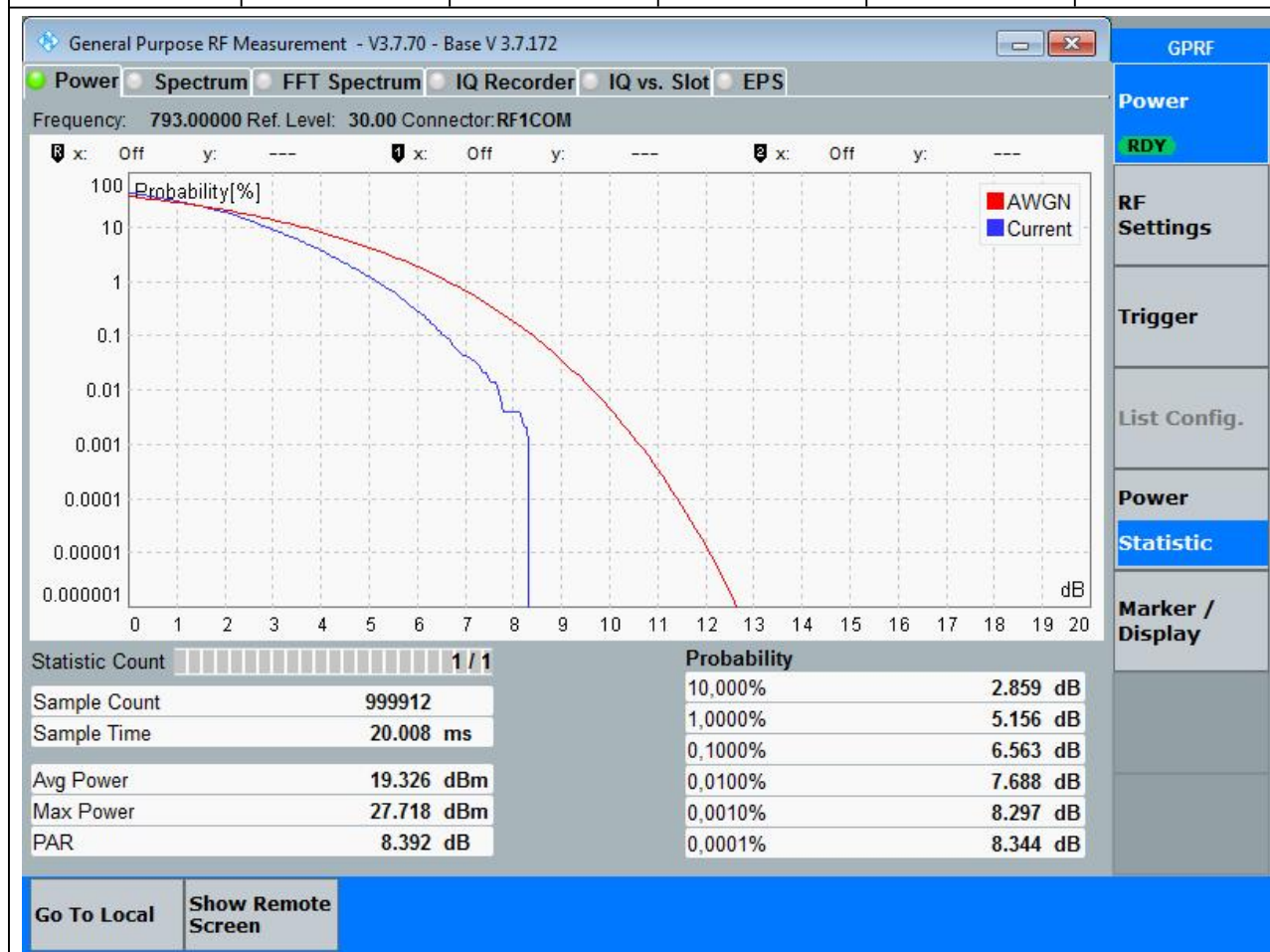
1.48. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	6.66	13	Pass



1.49. Peak to Average Ratio for SA_Part90(Channel:158600, Bandwidth:10, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	10	6.56	13	Pass



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