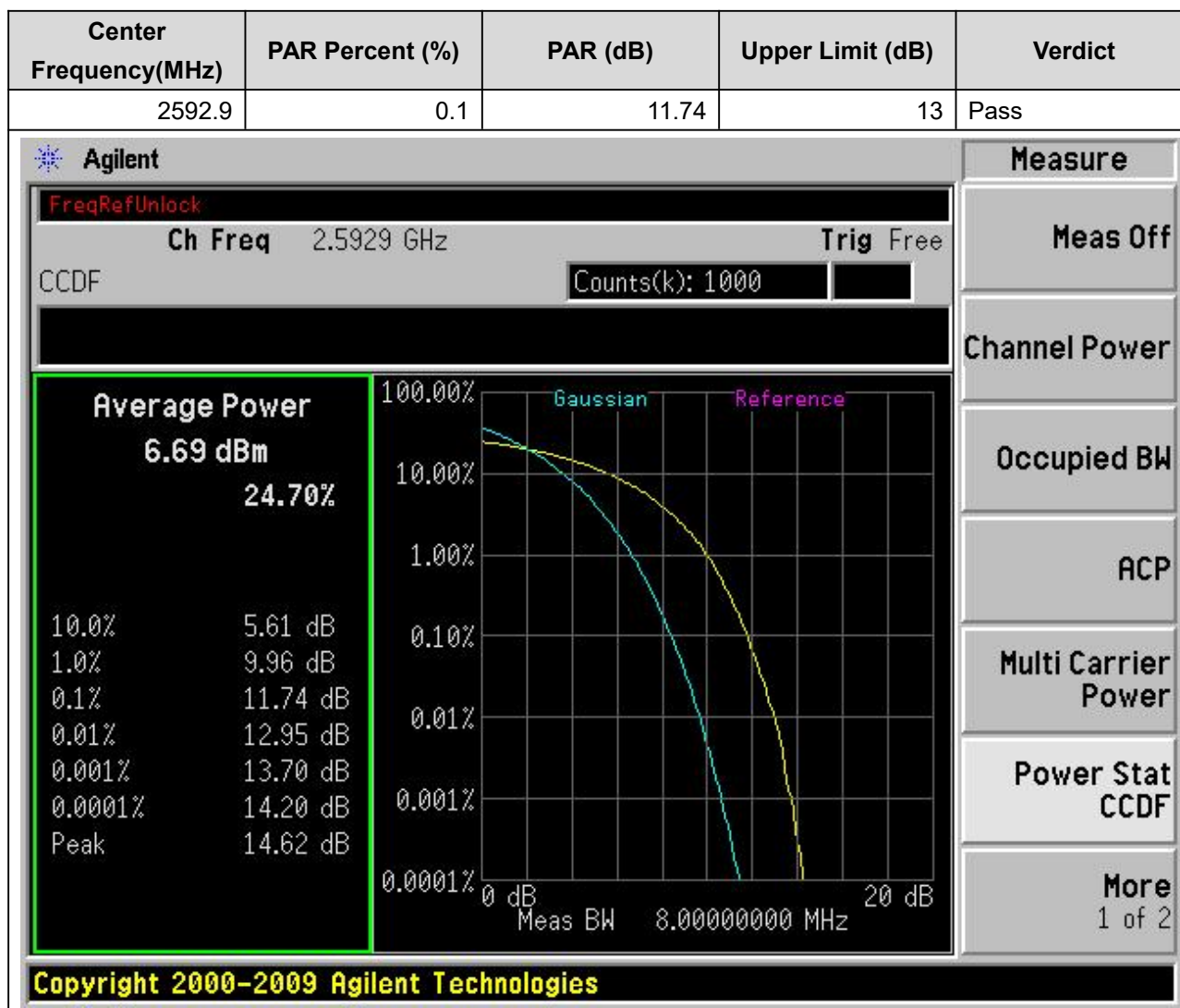
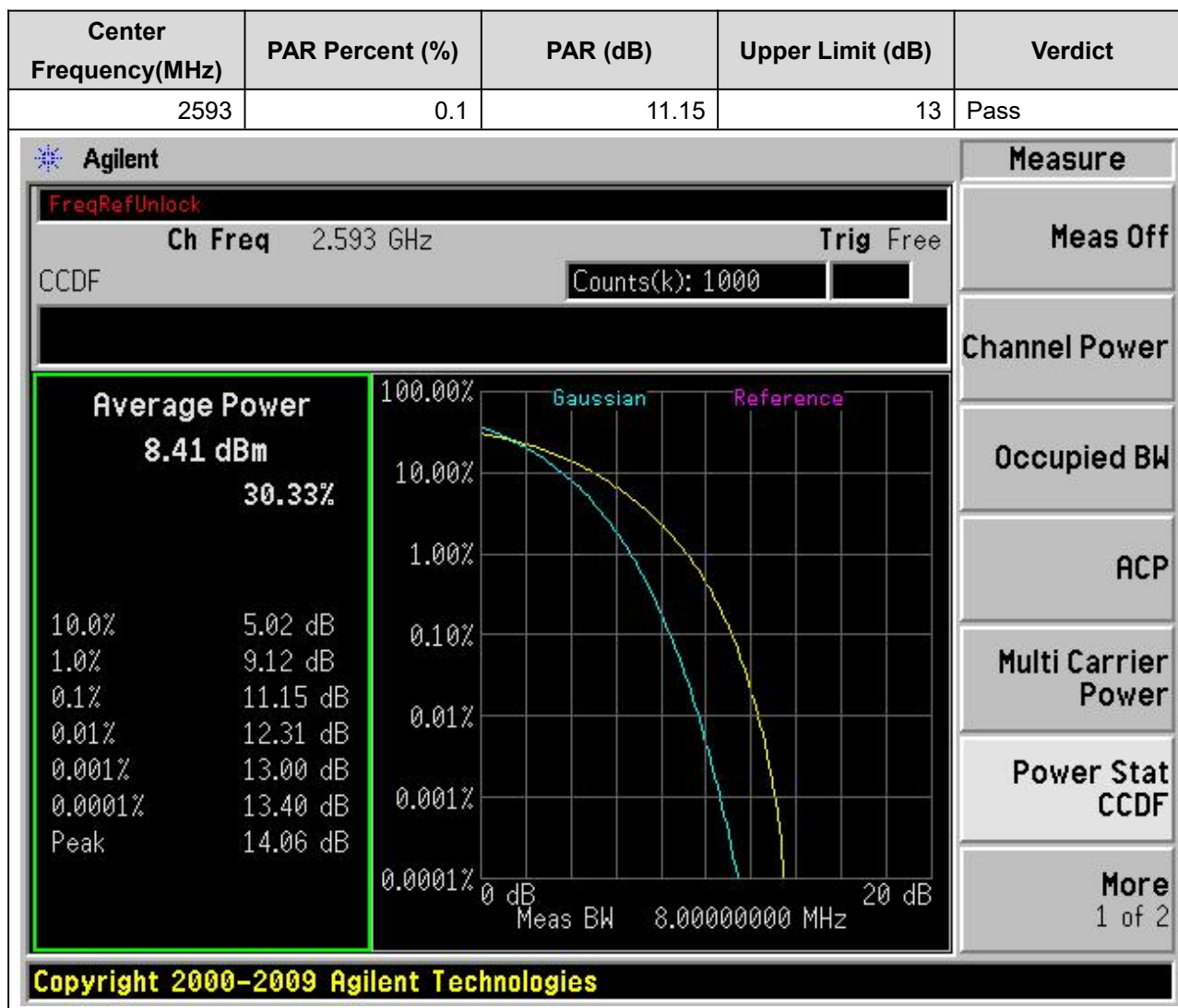


Peak to Average Ratio

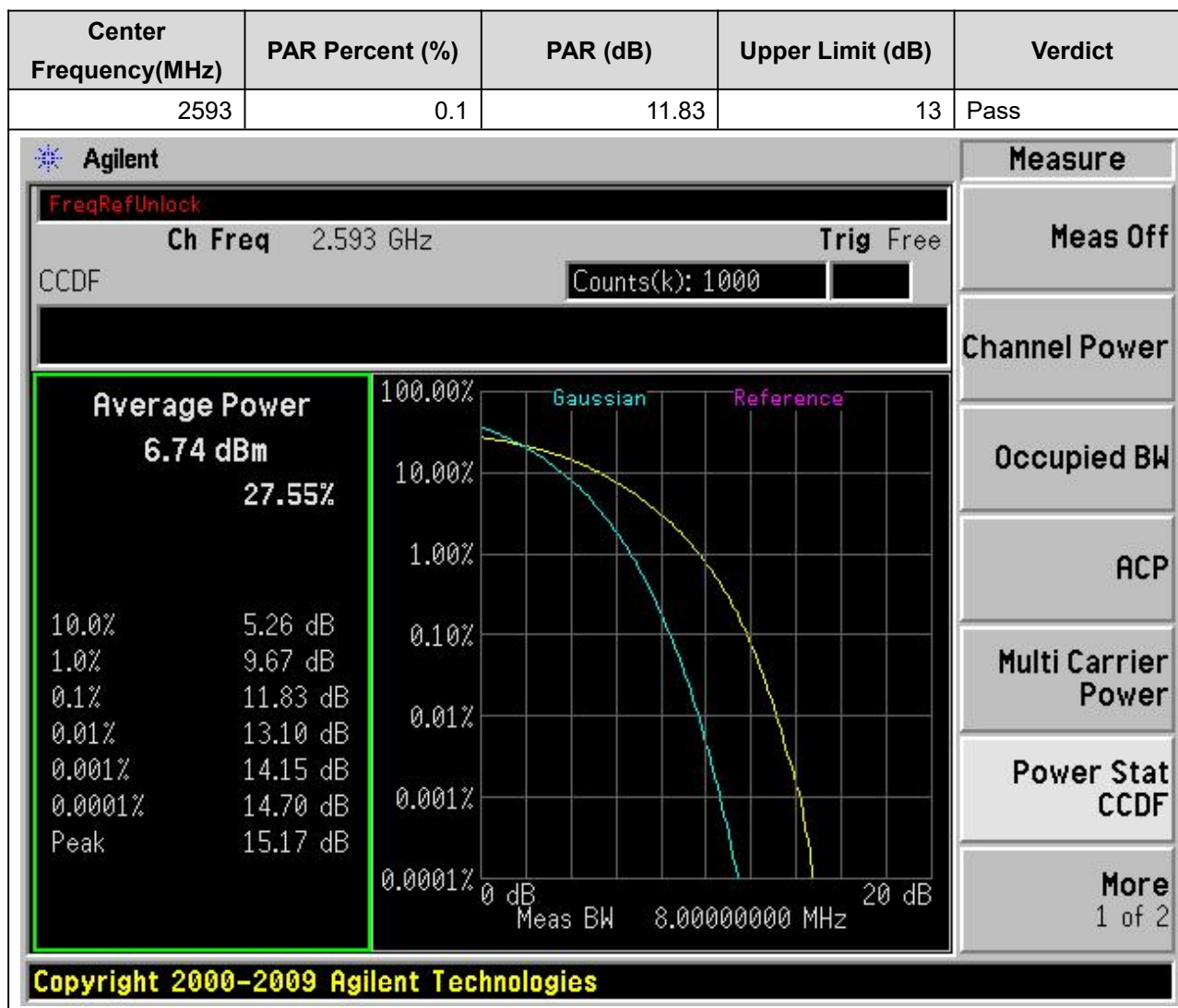
1.14 LTE-A Peak to Average Ratio_Part22-24-27(NTLV)(Subtest:14,
Channel:40546|40717, Bandwidth:20|15MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)



**1.15 LTE-A Peak to Average Ratio_Part22-24-27(NTLV)(Subtest:15,
Channel:40521|40719, Bandwidth:20|20MHz, Modulation:QPSK, RB
Number:Full|Full, RB Position:Low|Low)**

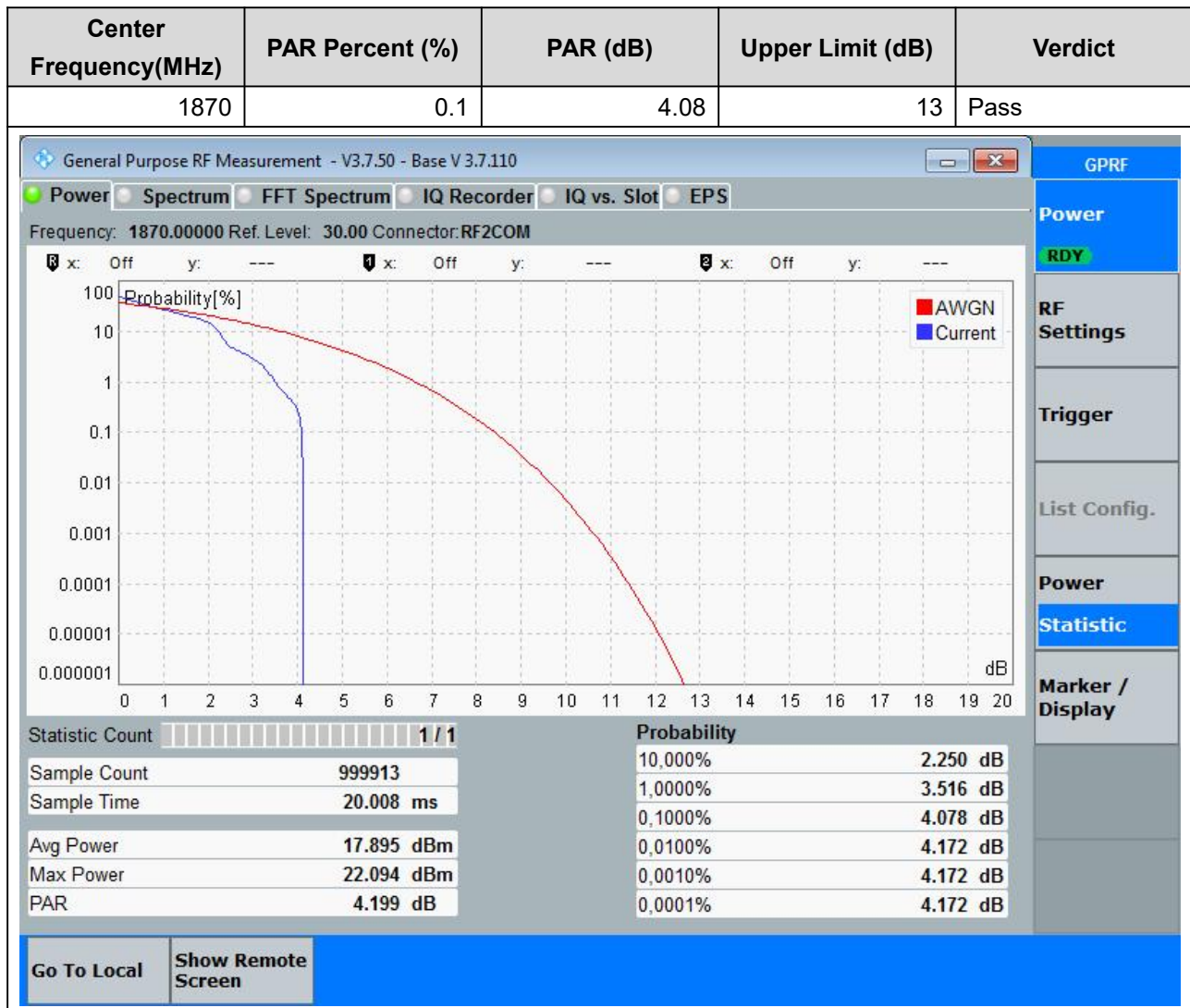


**1.16 LTE-A Peak to Average Ratio_Part22-24-27(NTLV)(Subtest:16,
Channel:40521|40719, Bandwidth:20|20MHz, Modulation:16QAM, RB
Number:Full|Full, RB Position:Low|Low)**

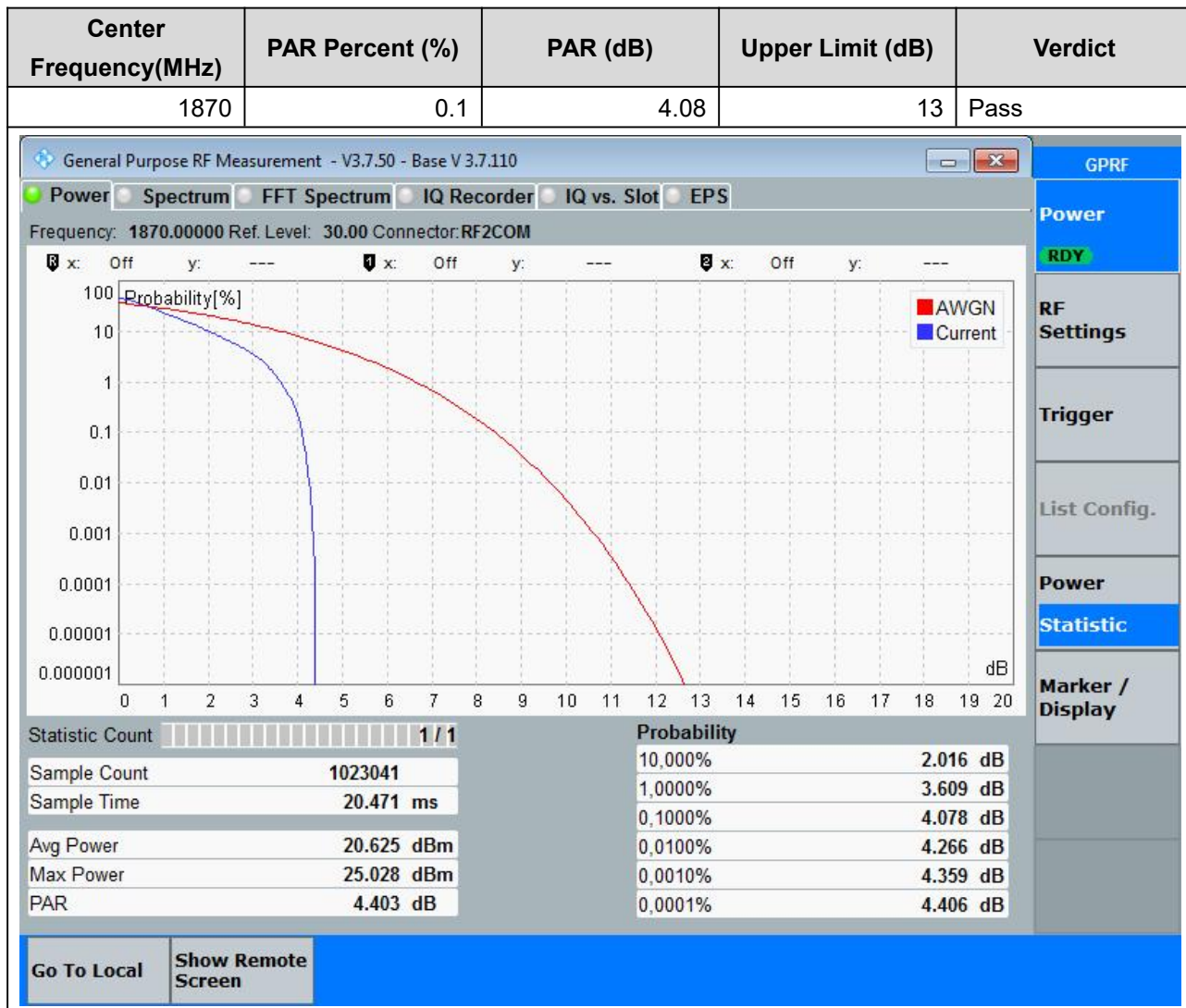


1. n25

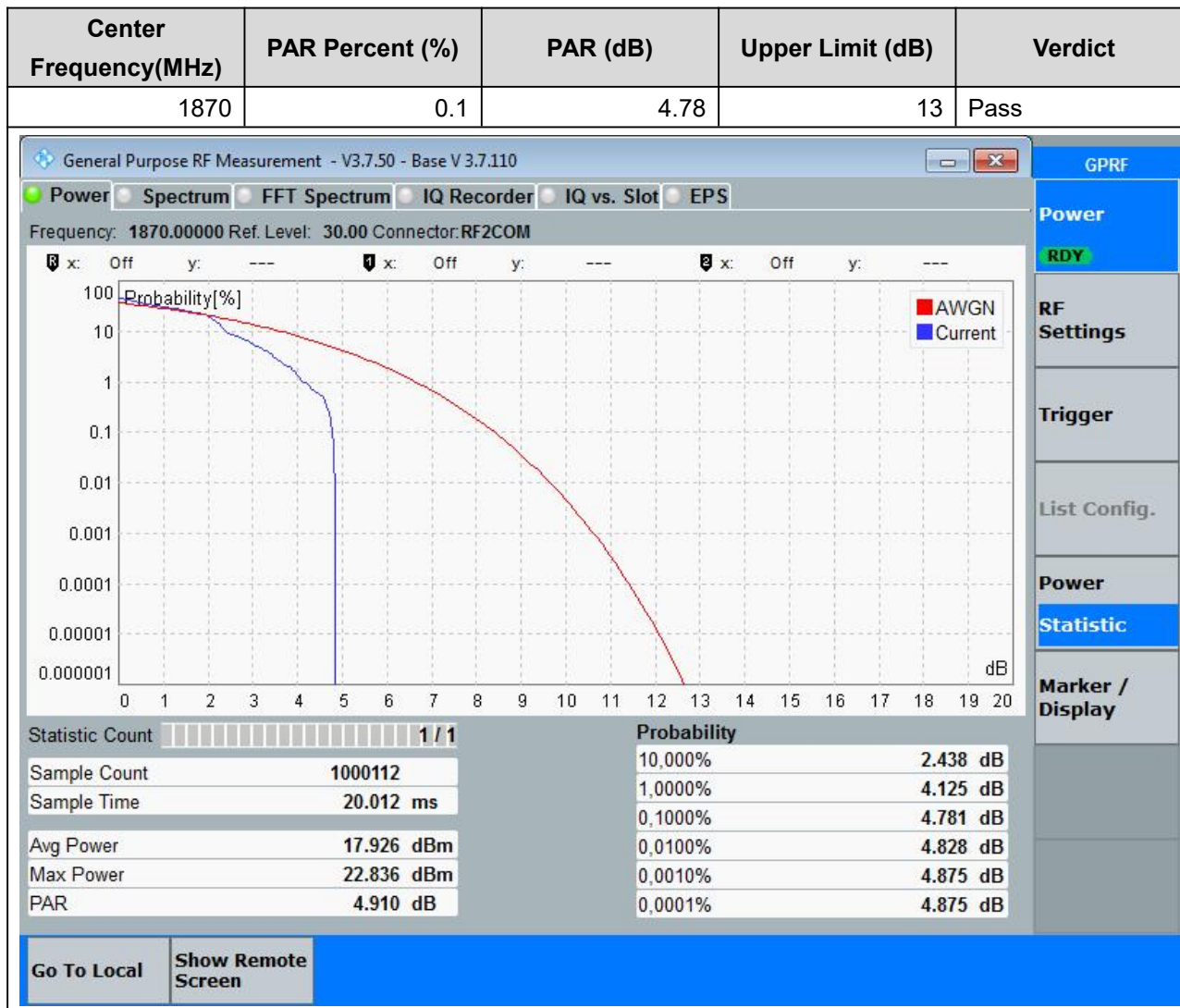
1.1 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



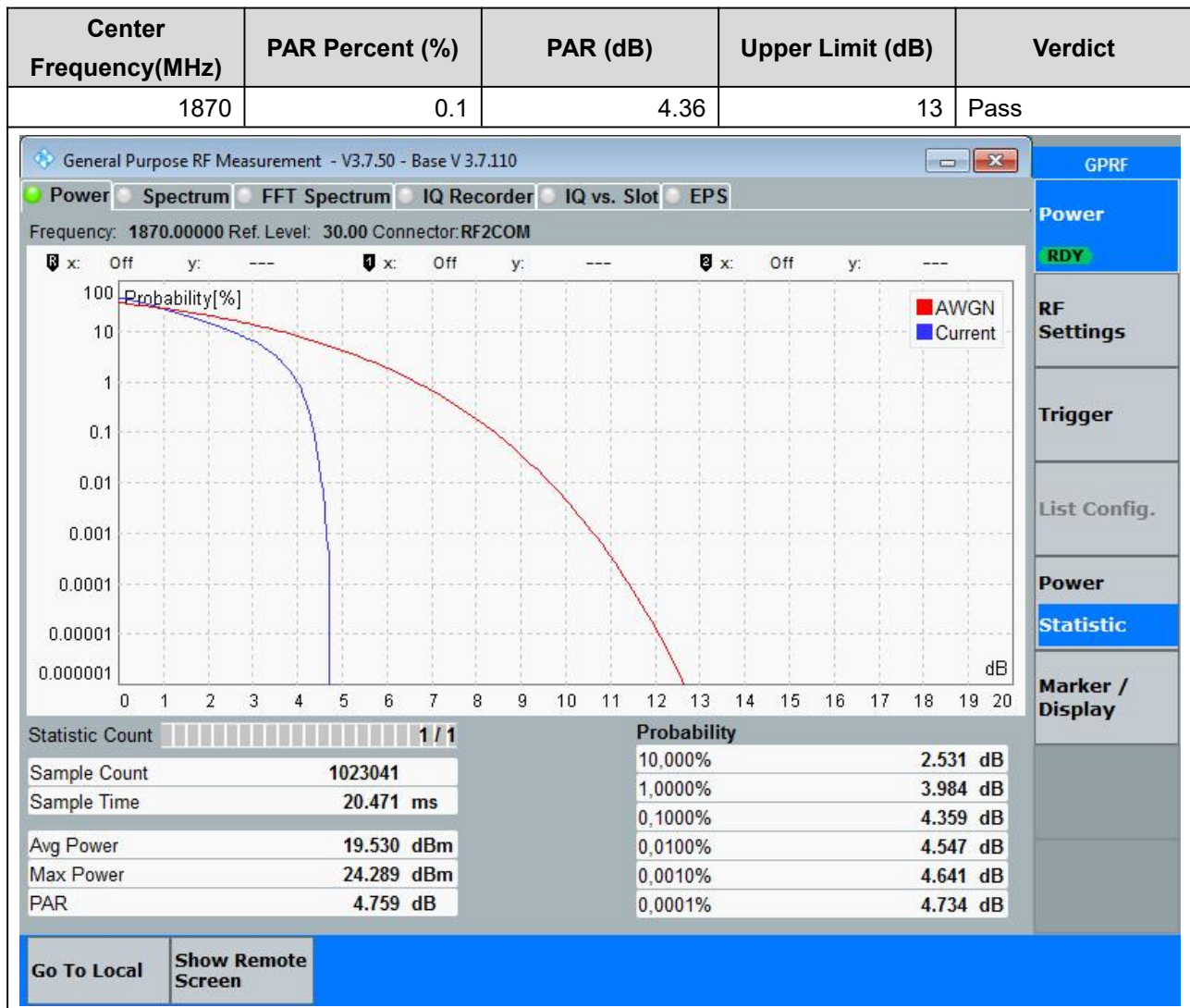
1.2 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:216, RB Position:0)



1.3 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

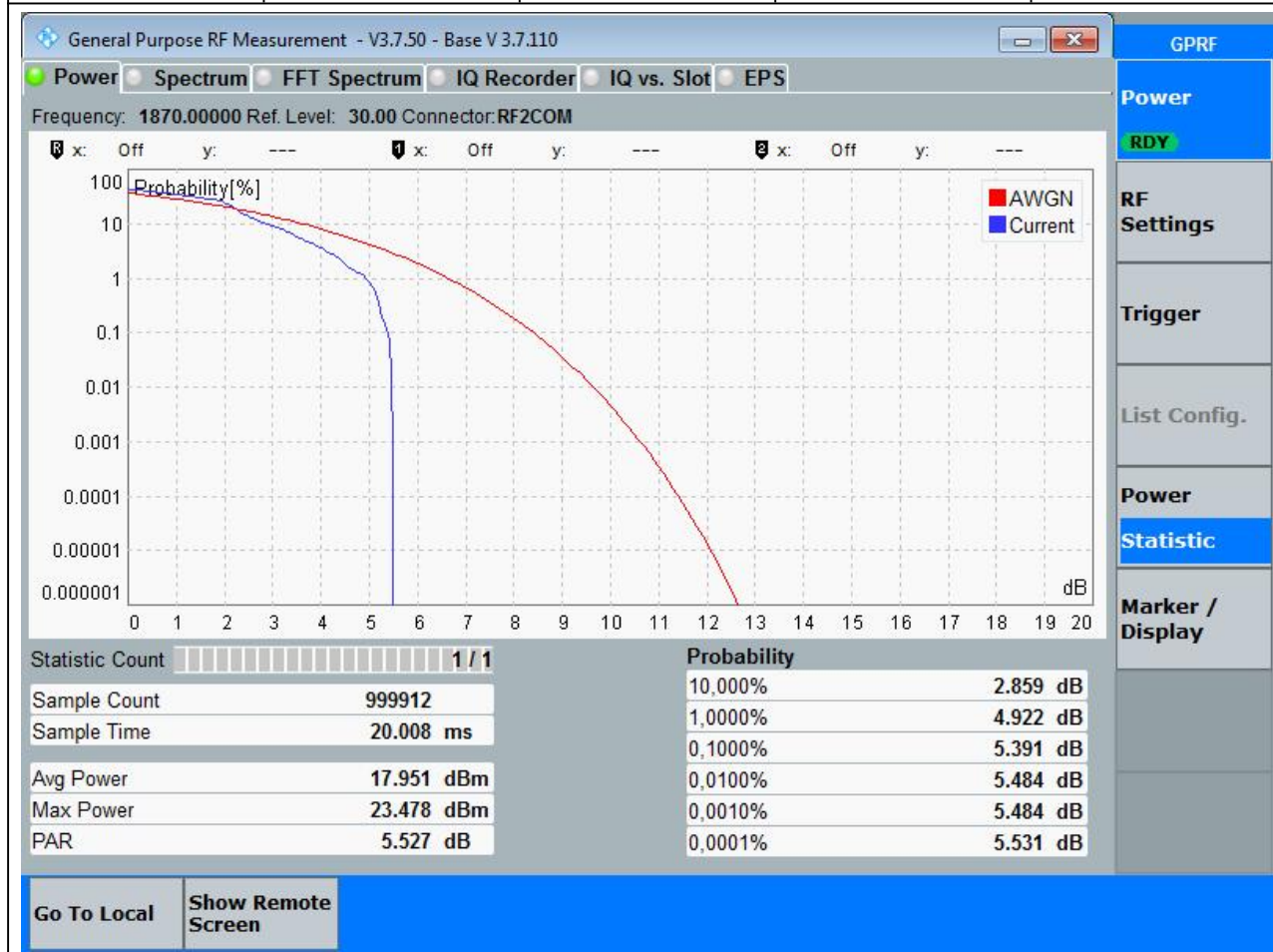


1.4 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

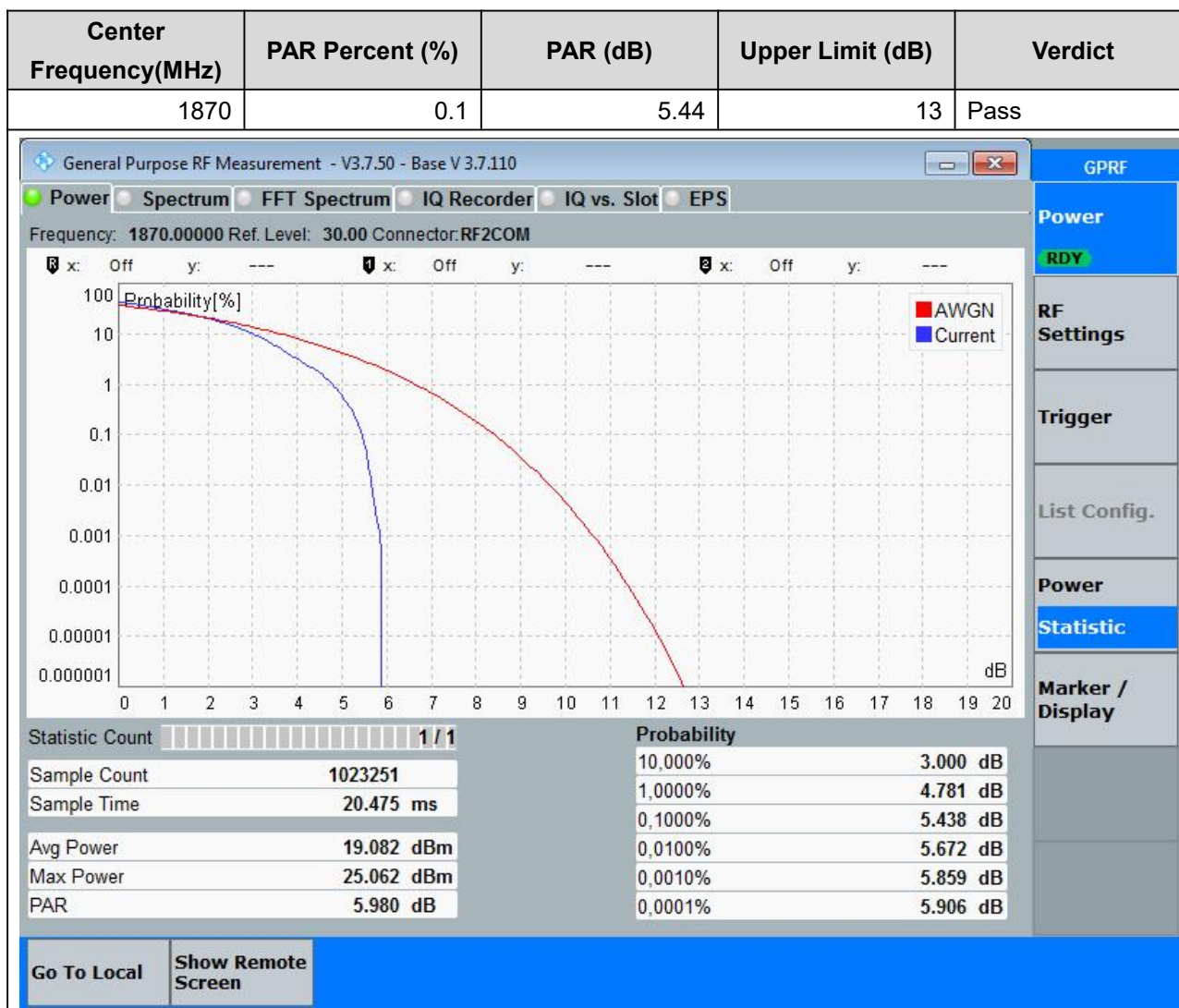


1.5 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)

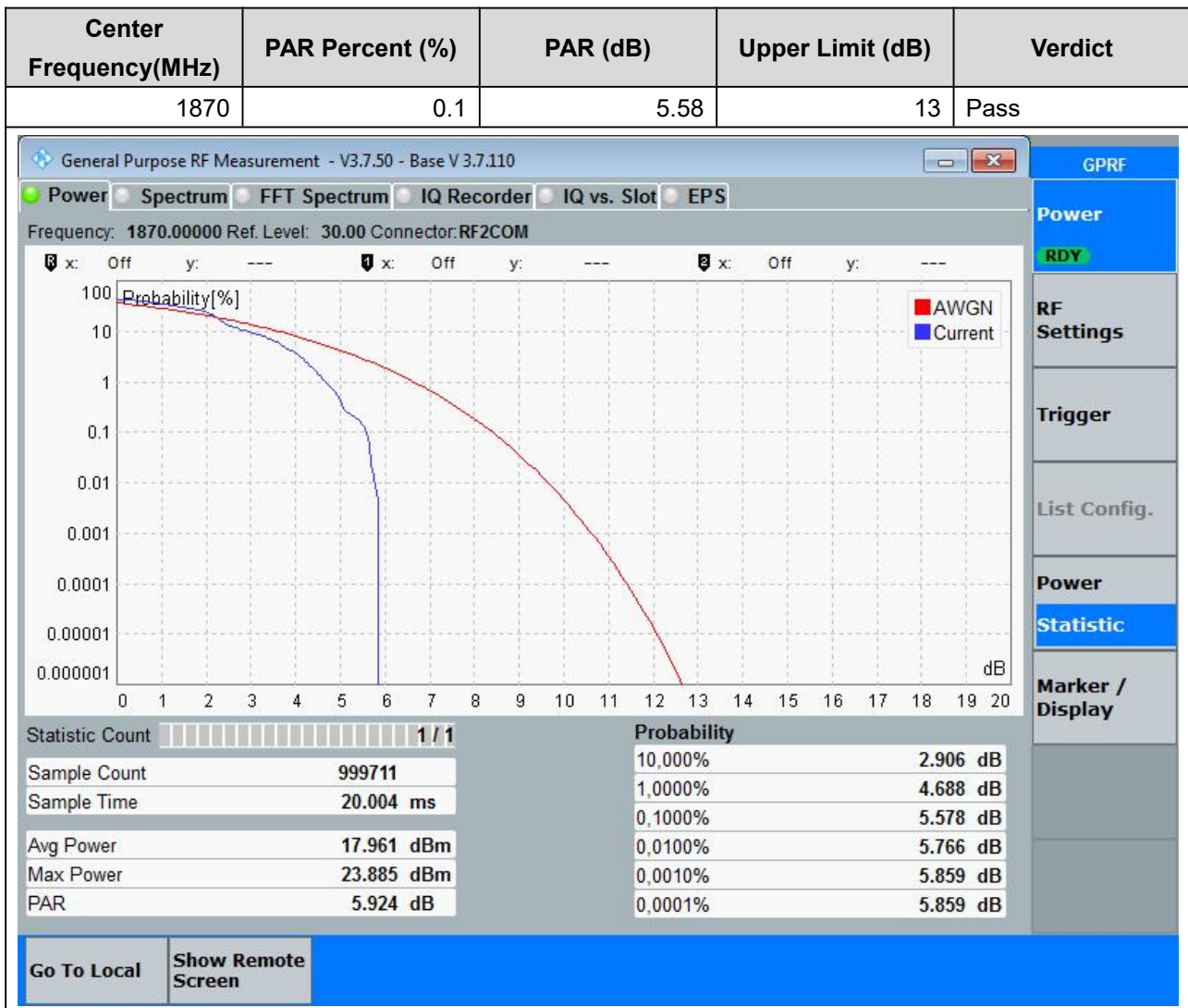
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1870	0.1	5.39	13	Pass



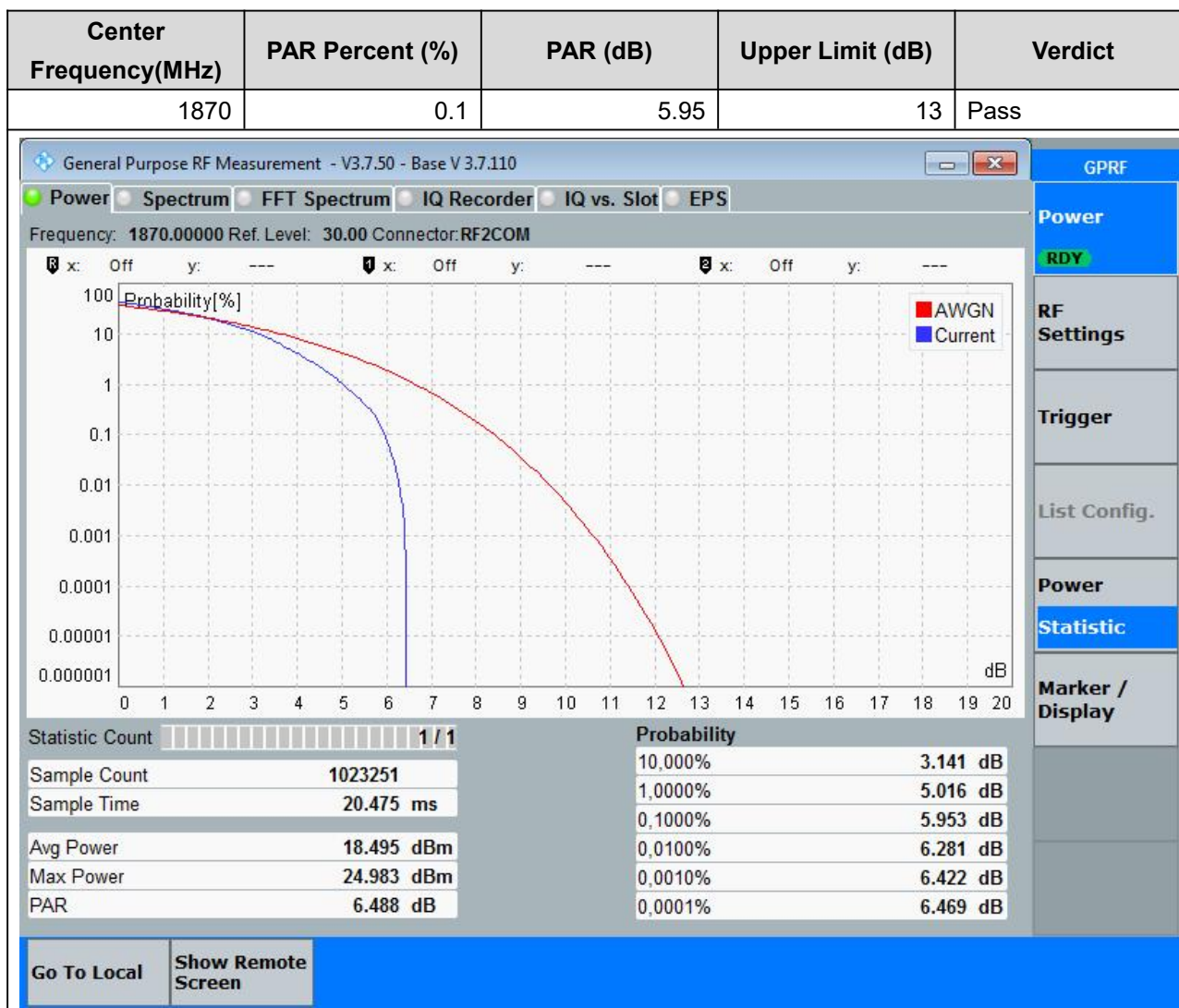
1.6 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)



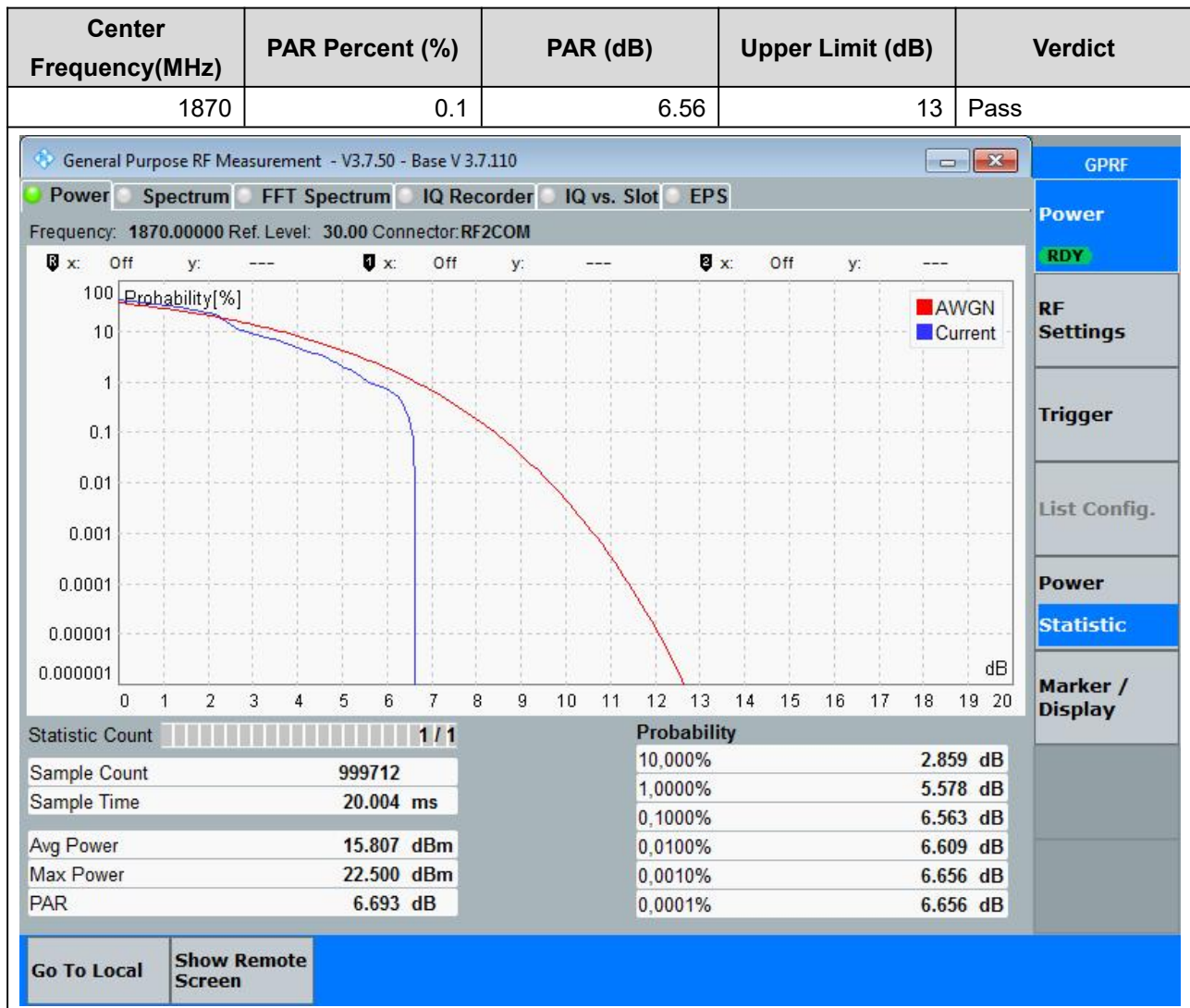
1.7 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)



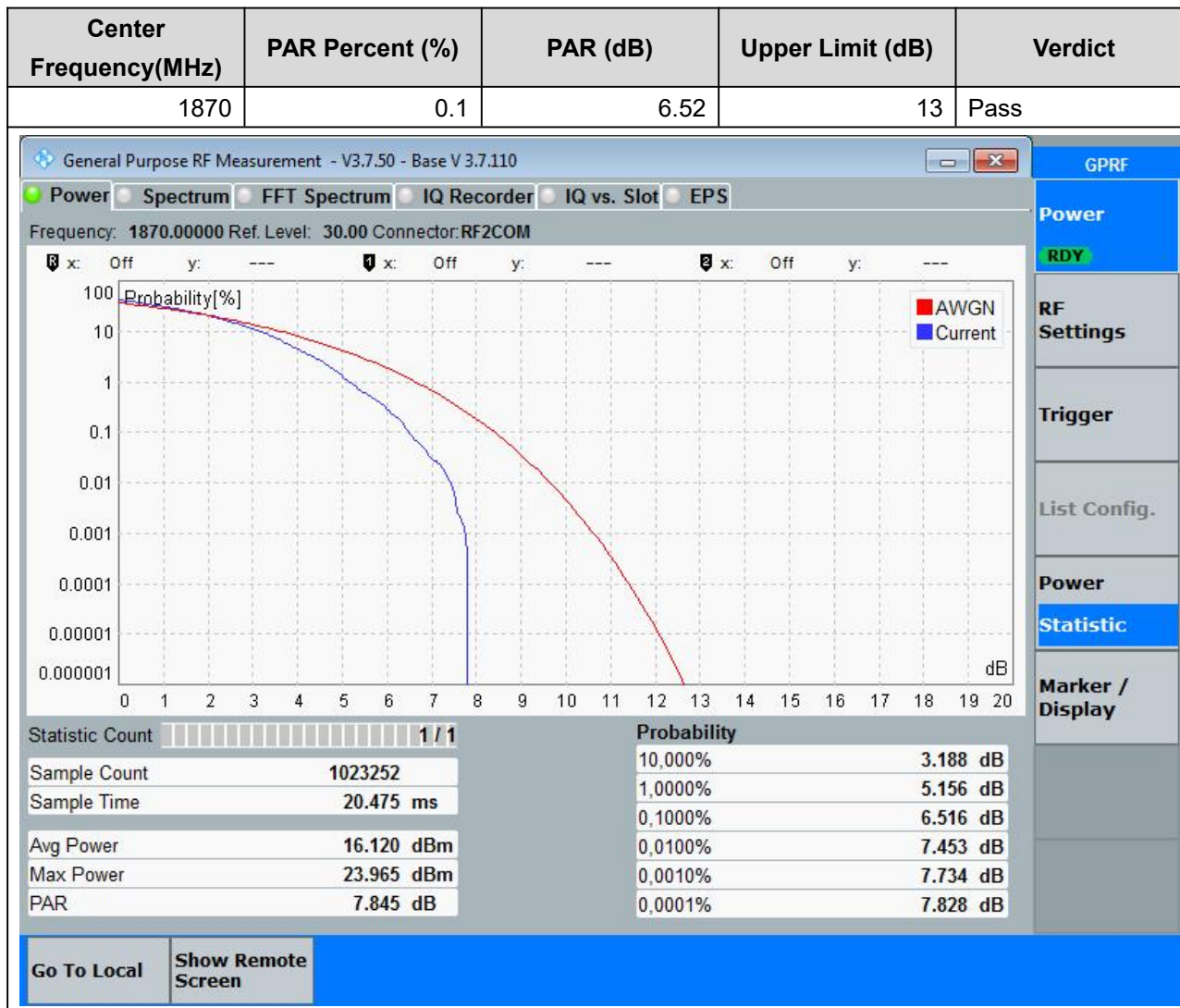
1.8 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)



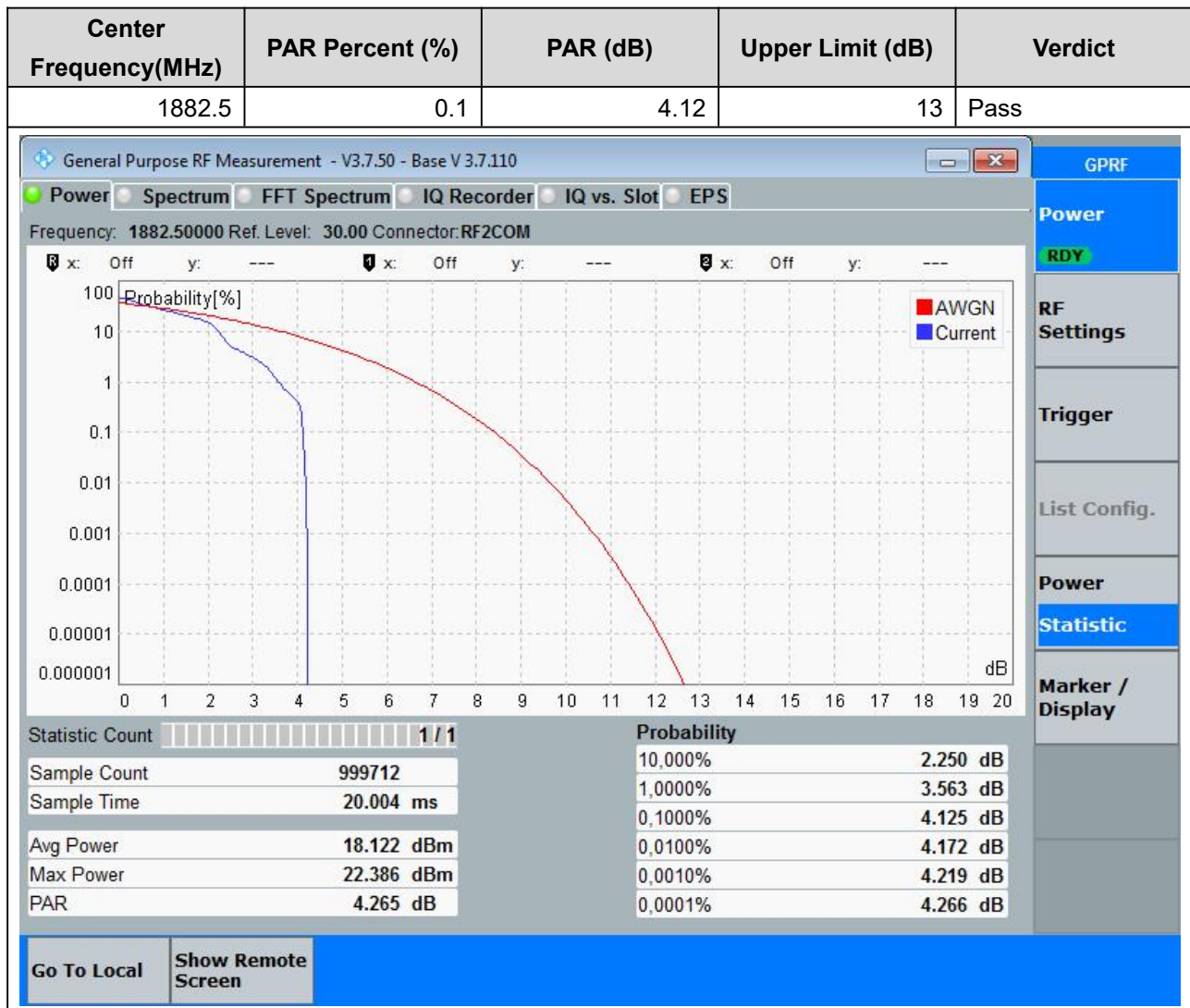
1.9 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)



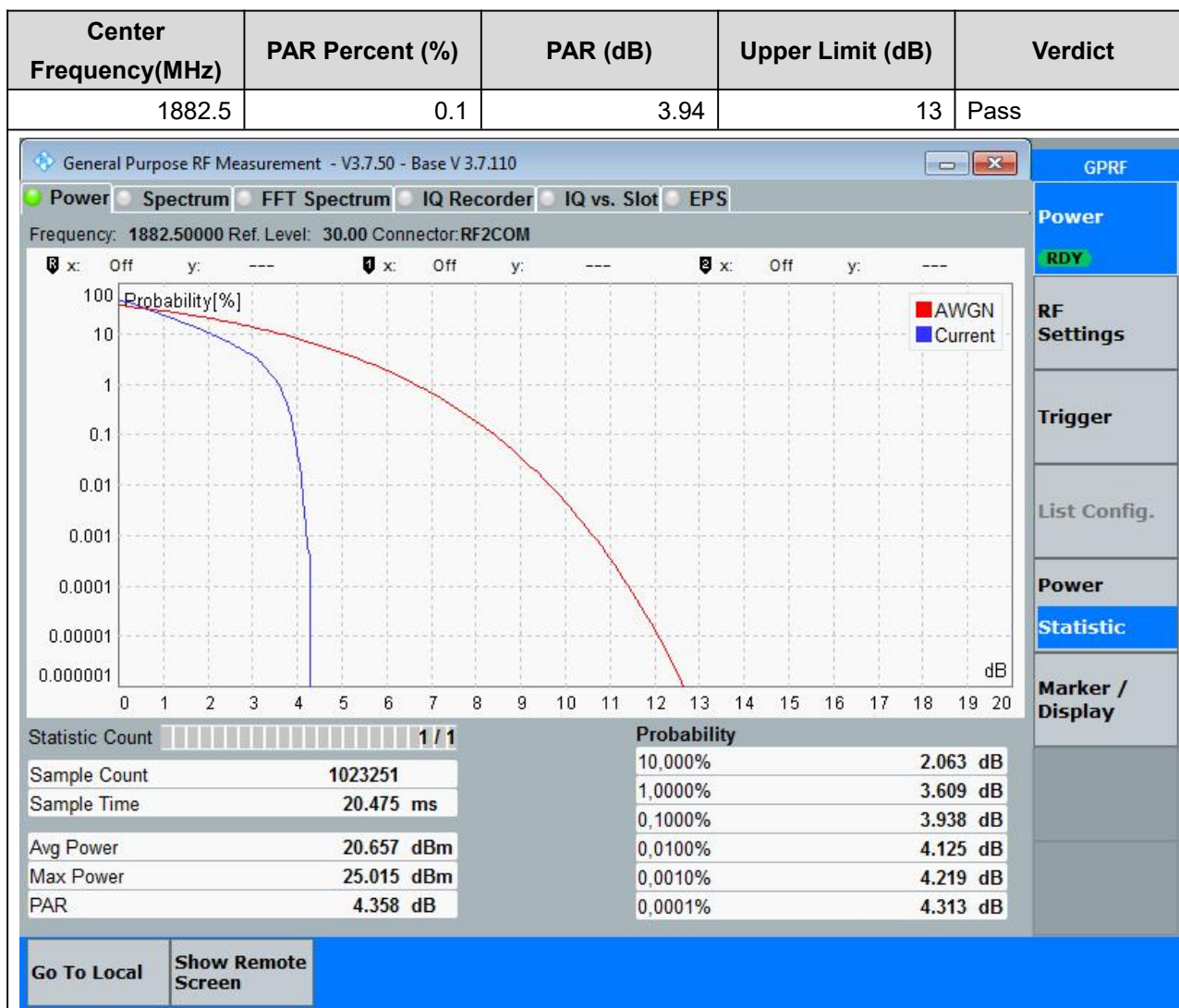
1.10 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:374000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)



1.11 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

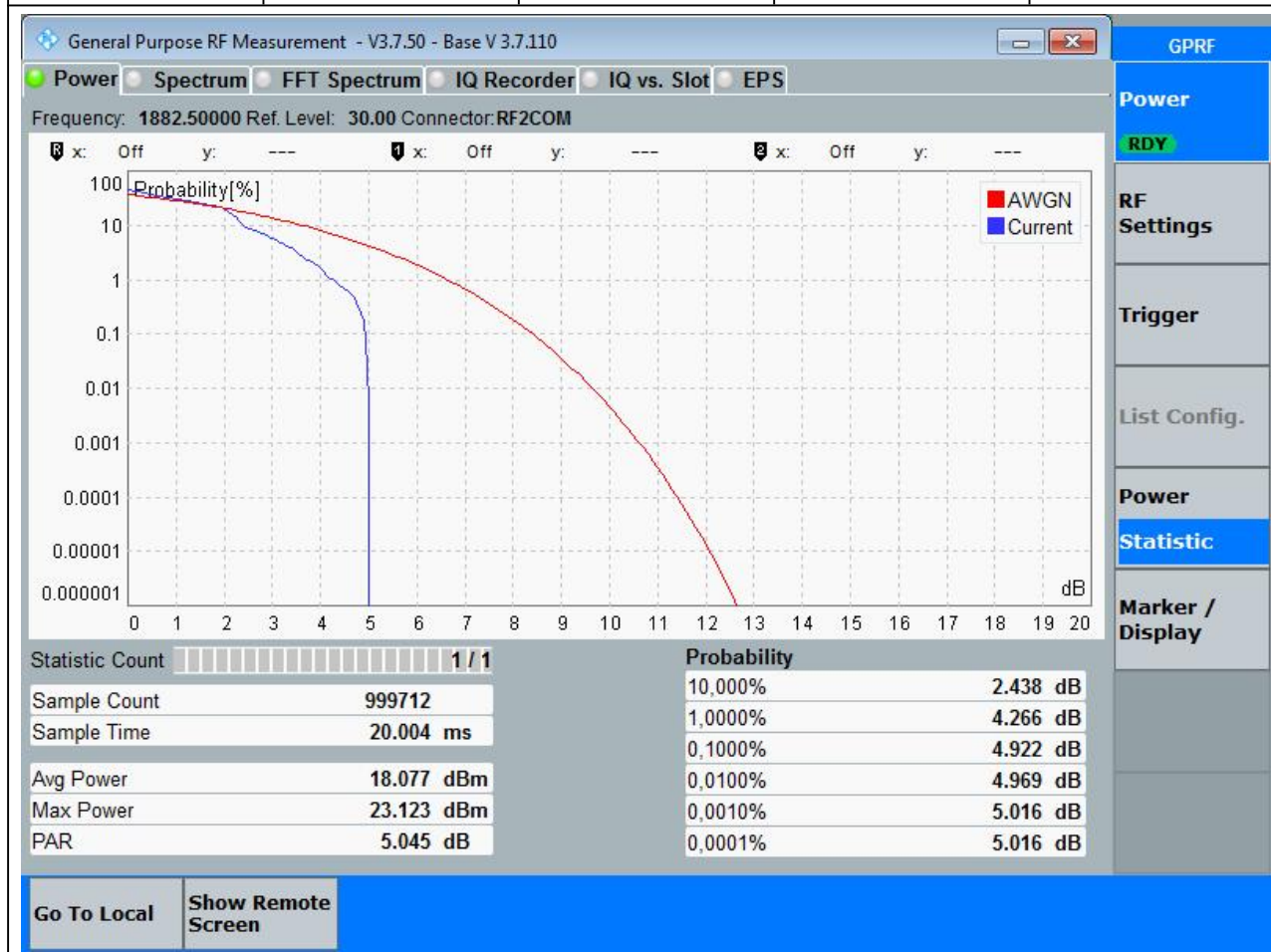


1.12 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:216, RB Position:0)

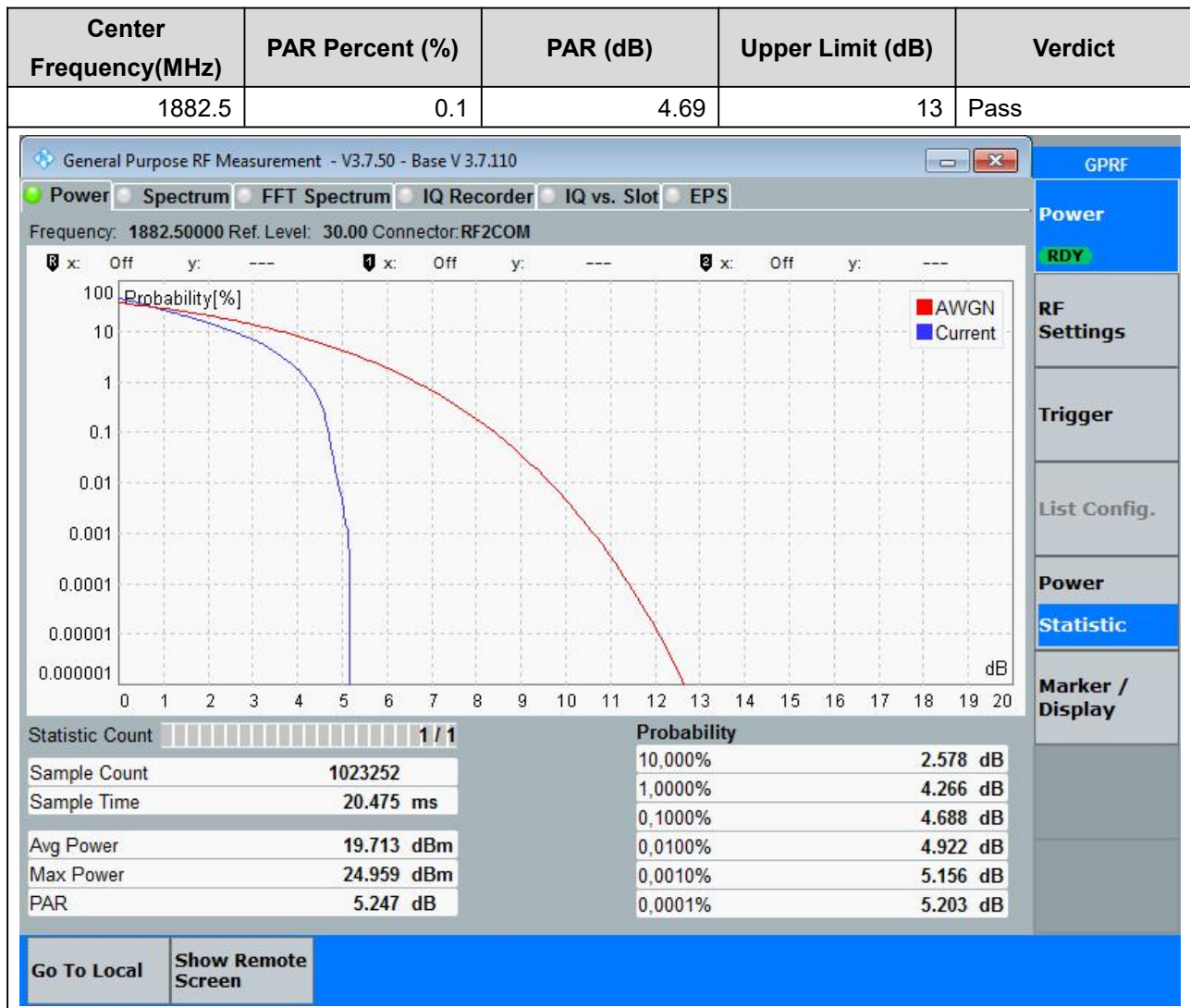


1.13 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

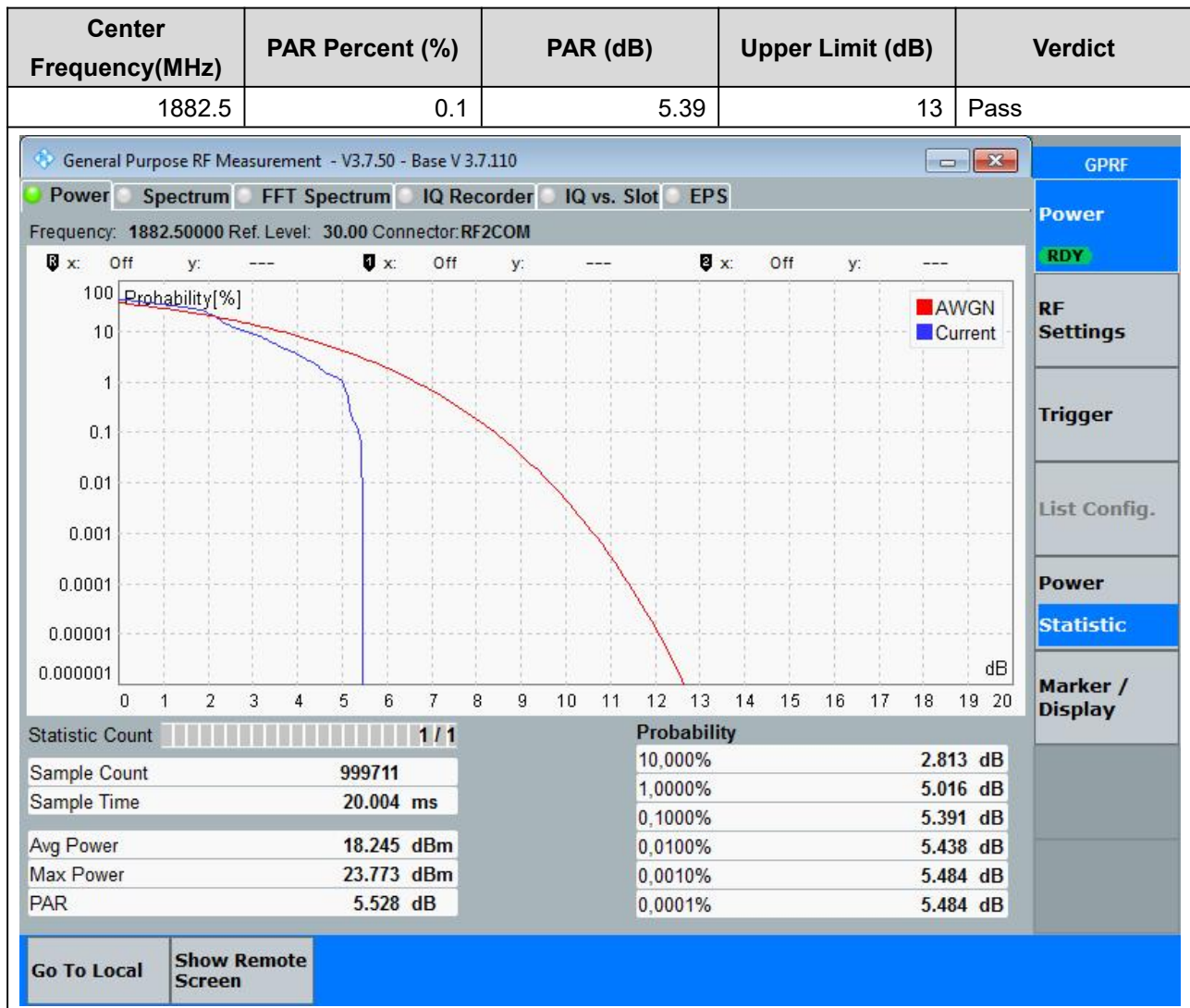
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1882.5	0.1	4.92	13	Pass



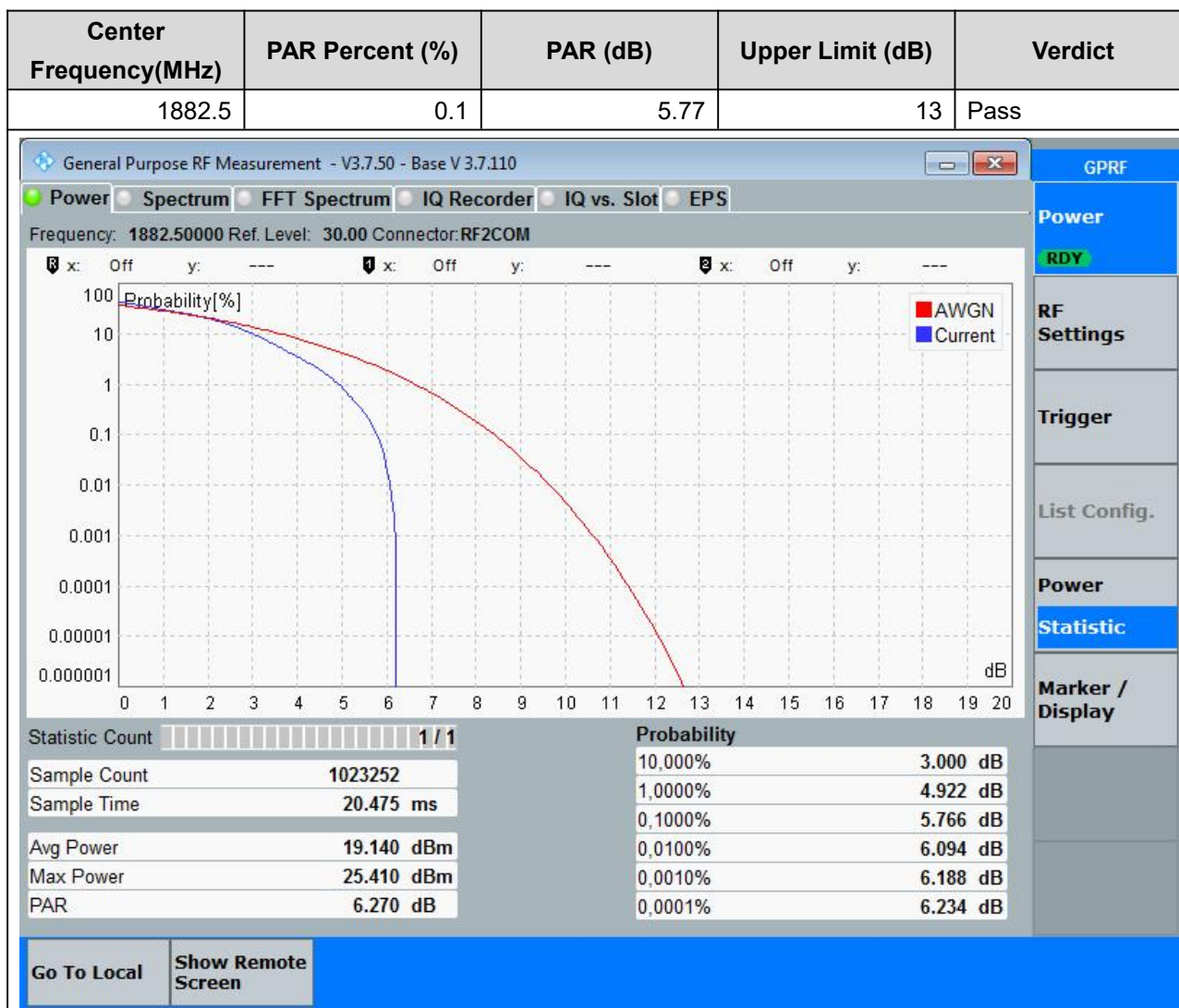
1.14 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)



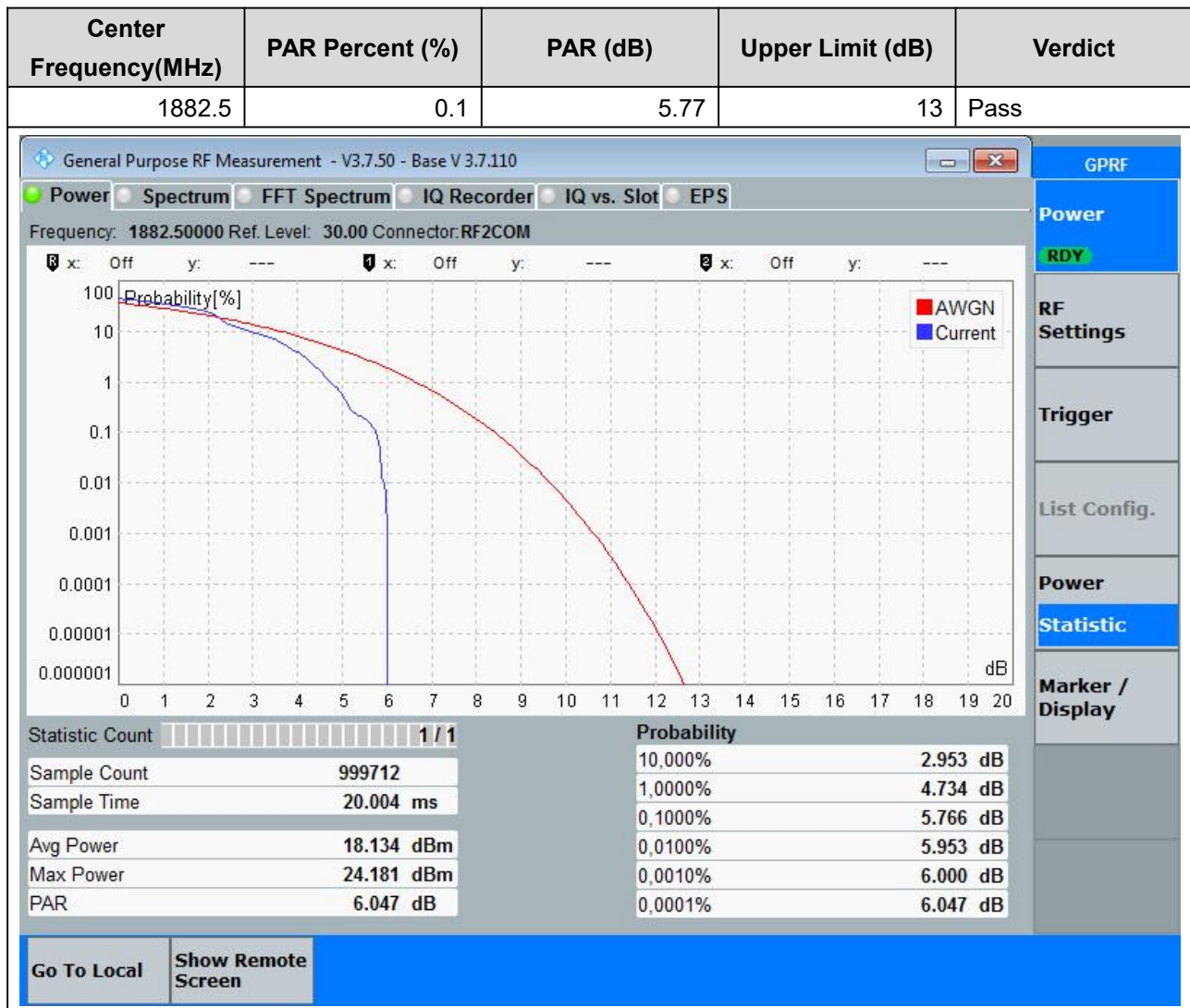
1.15 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



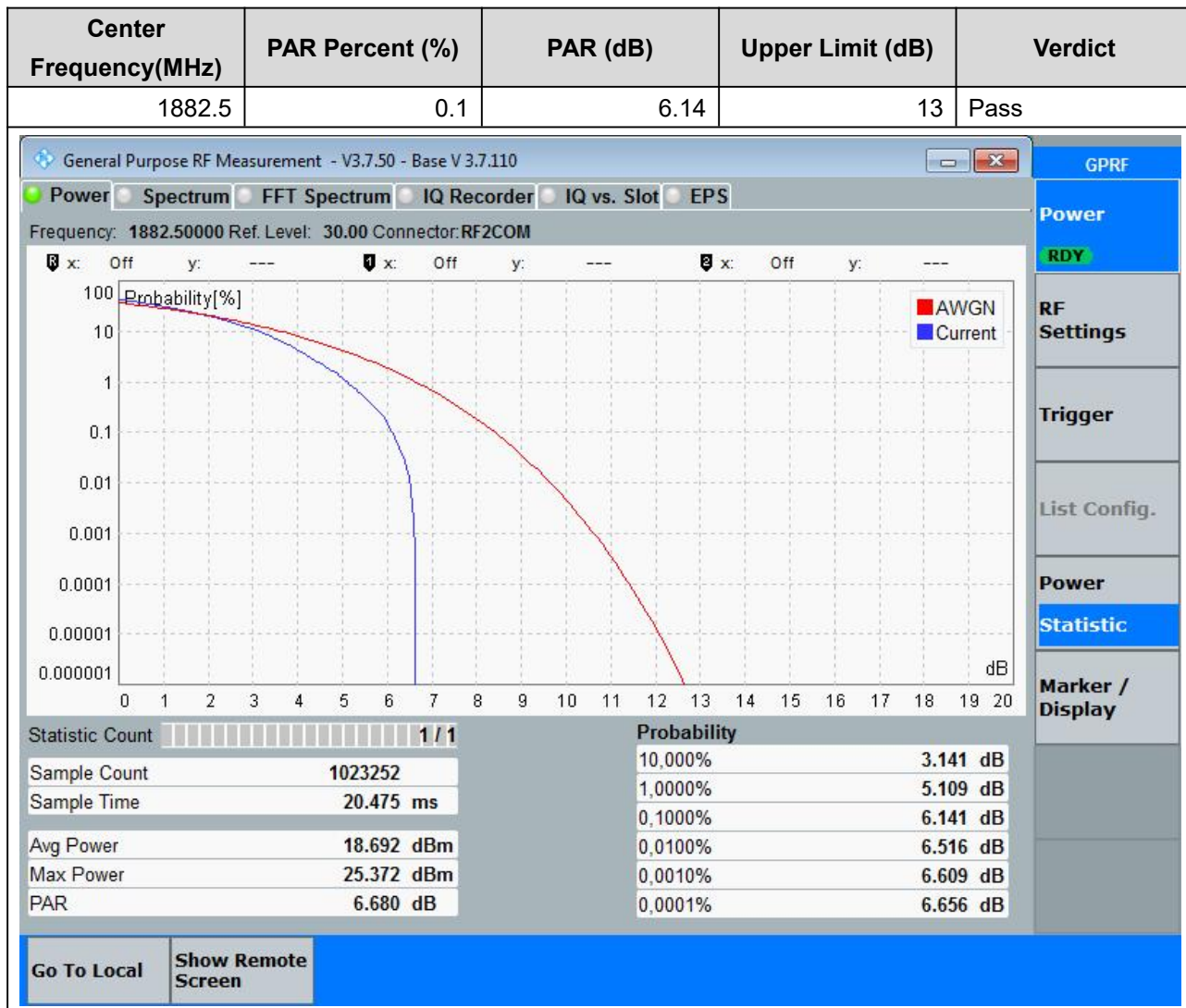
1.16 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)



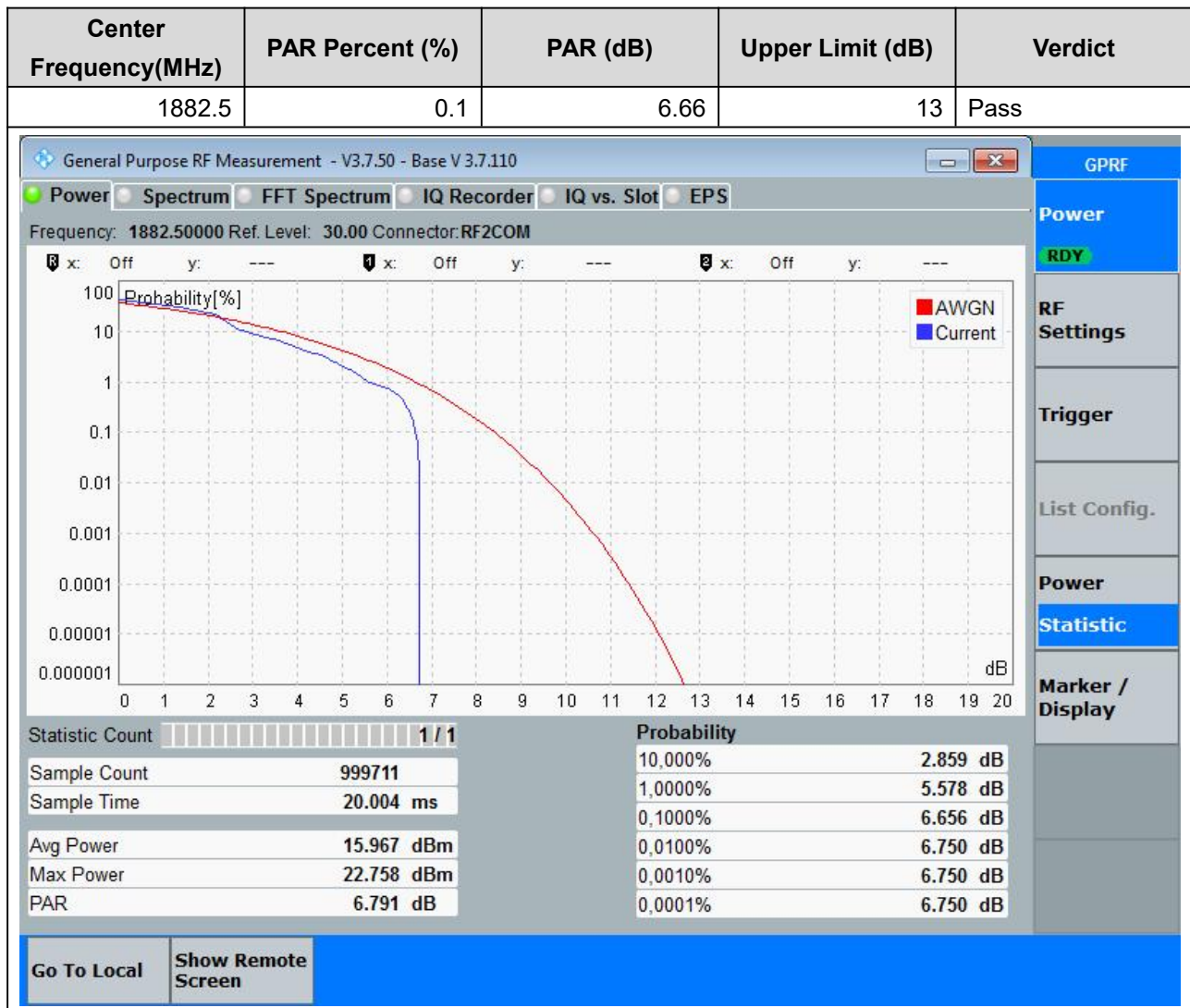
1.17 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)



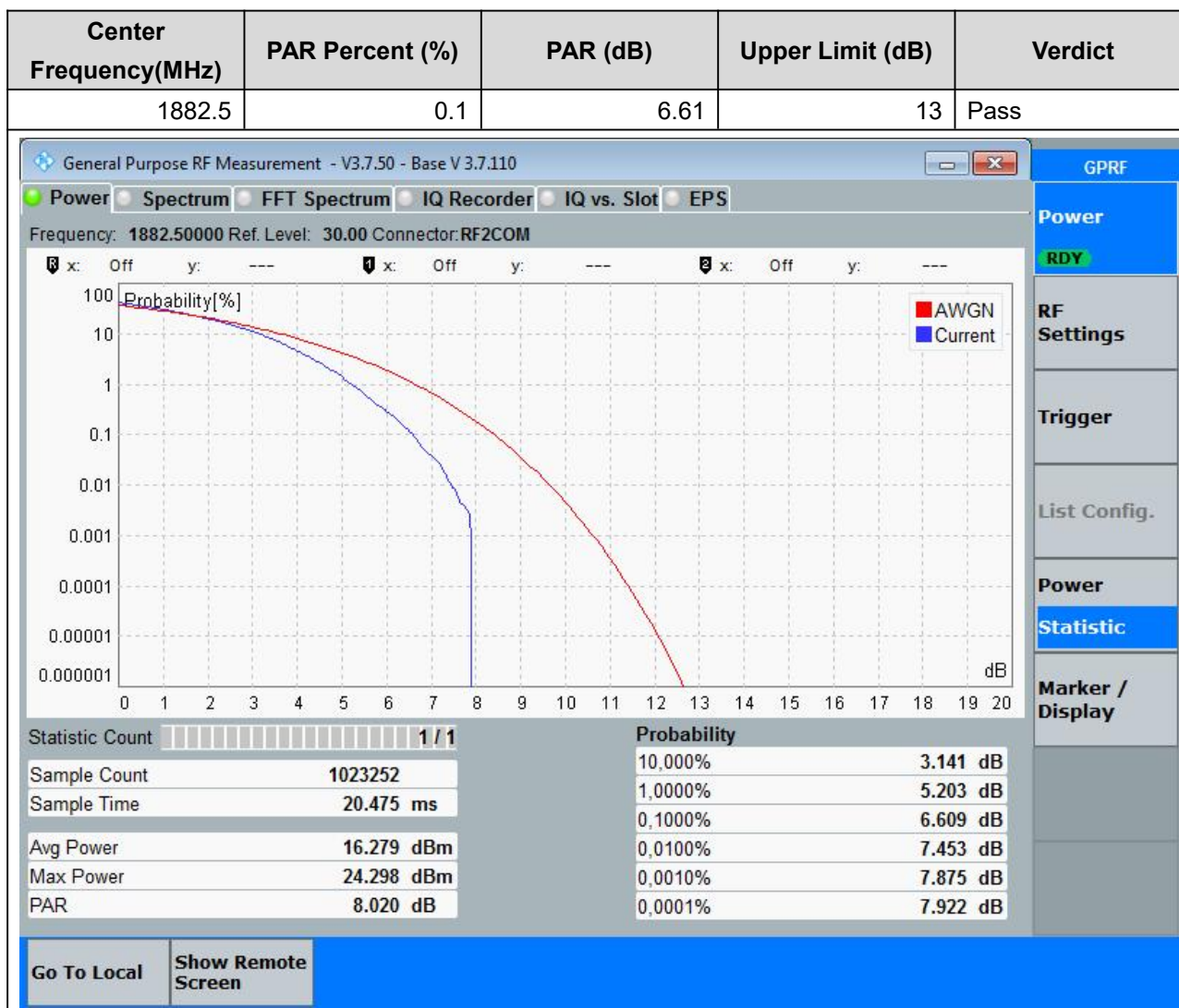
1.18 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)



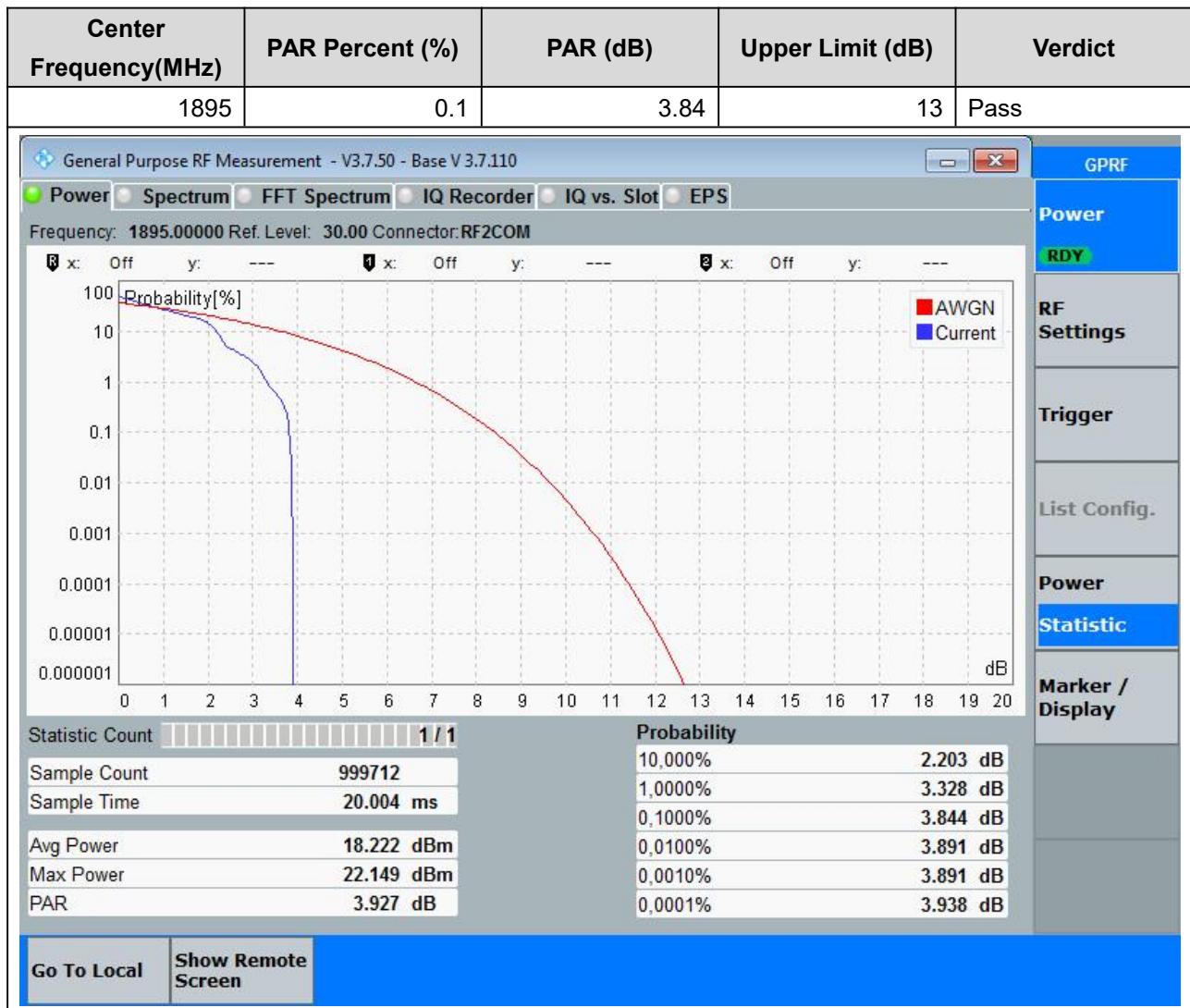
1.19 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)



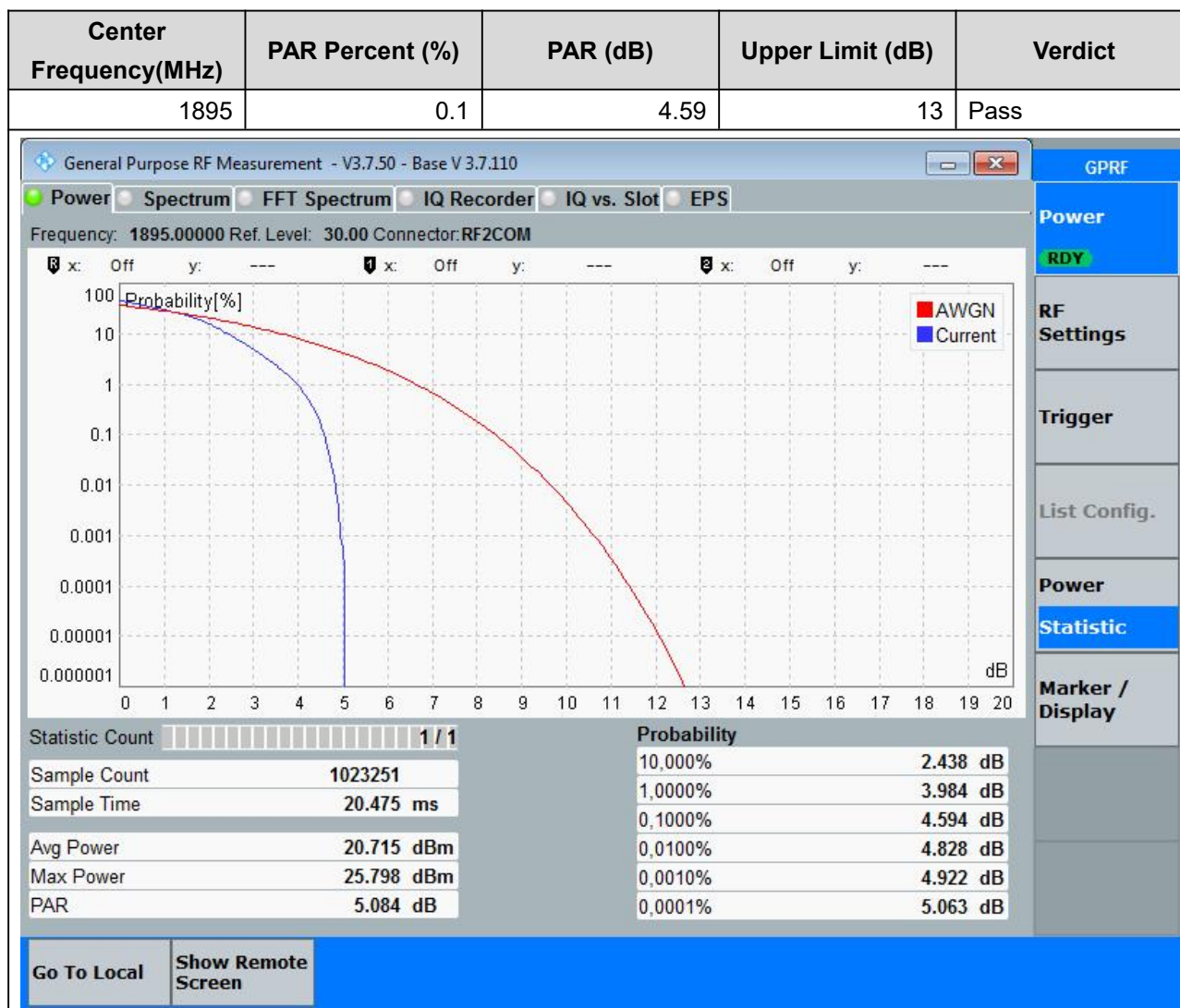
1.20 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:376500, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)



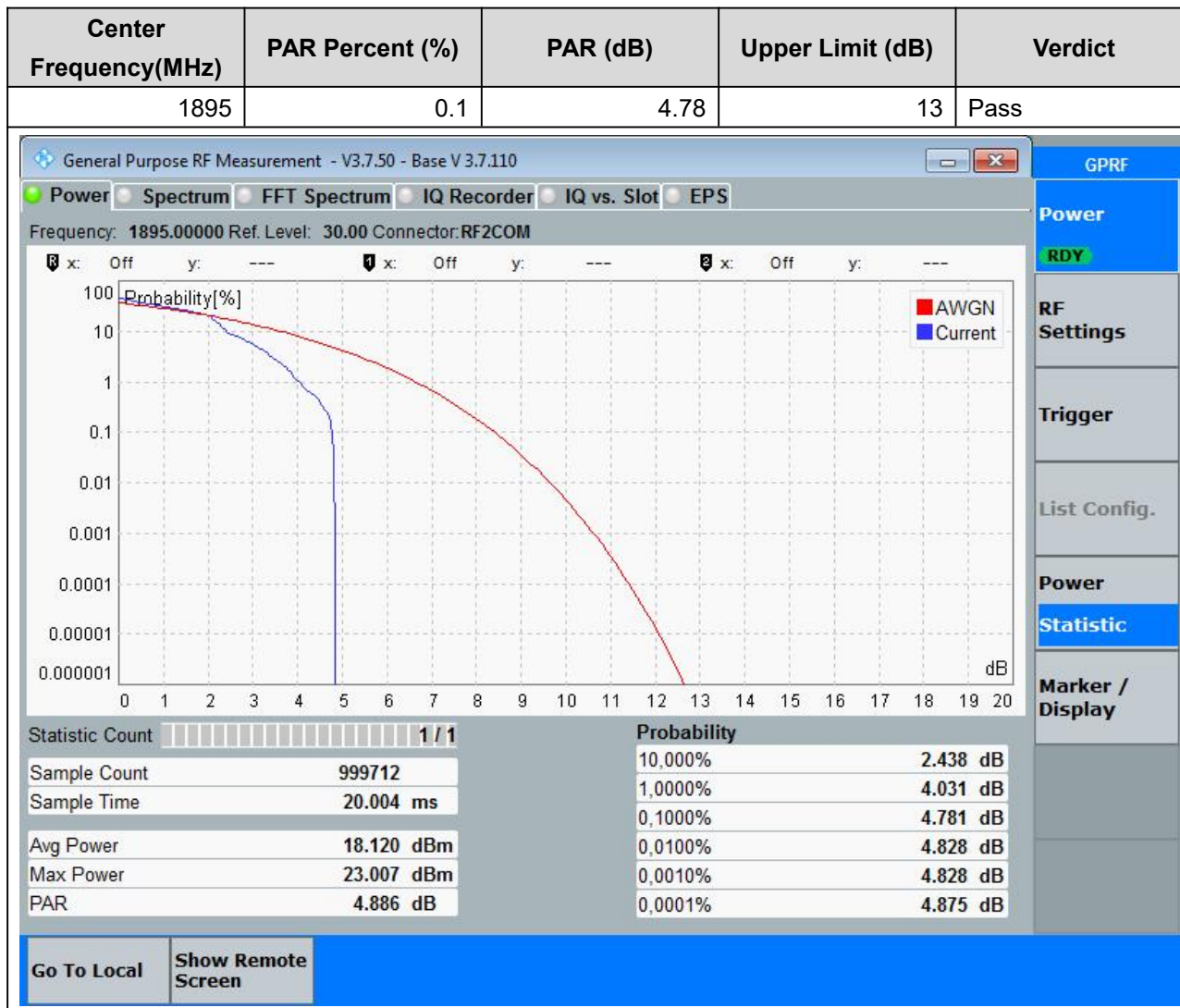
1.21 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



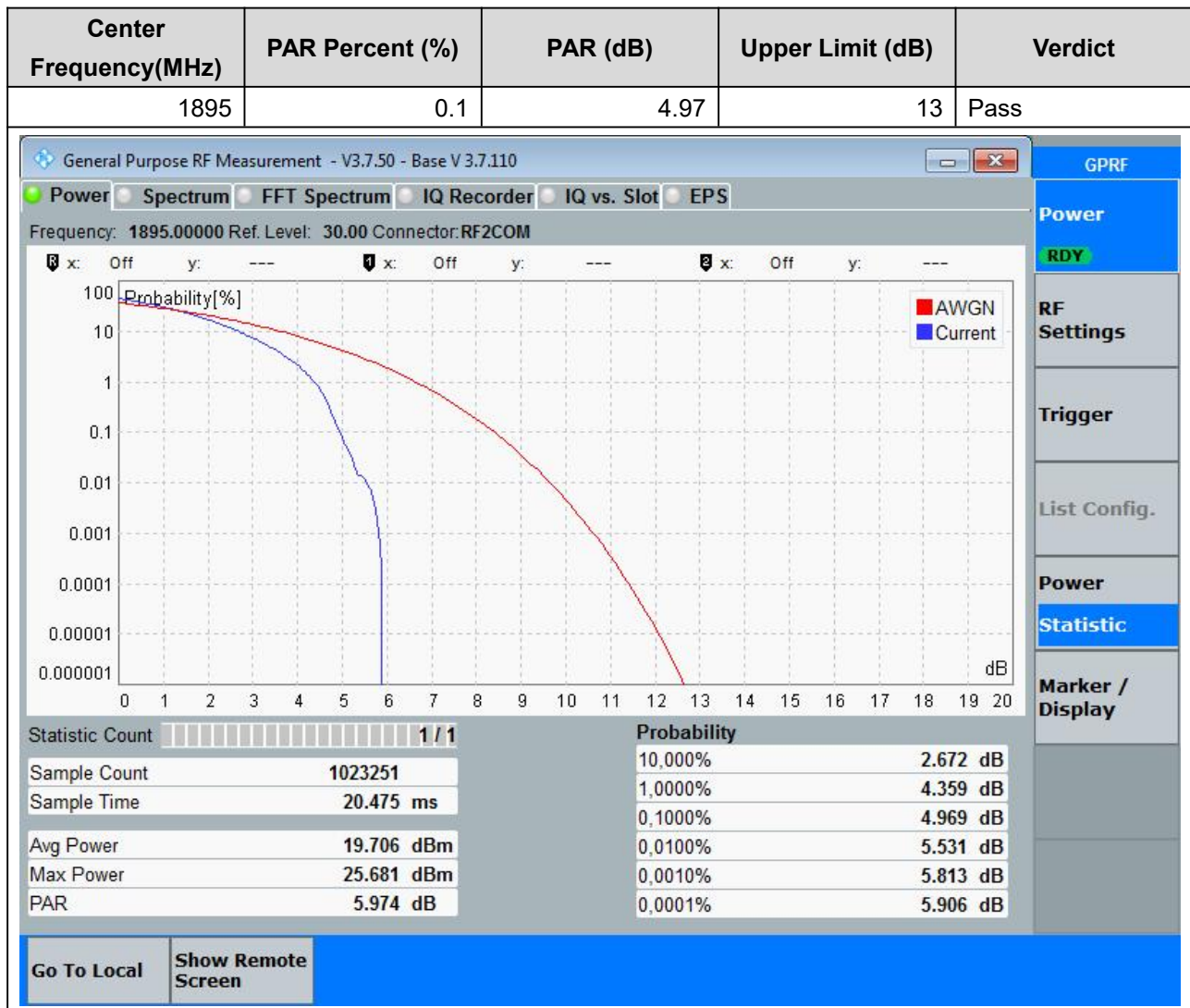
1.22 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:216, RB Position:0)



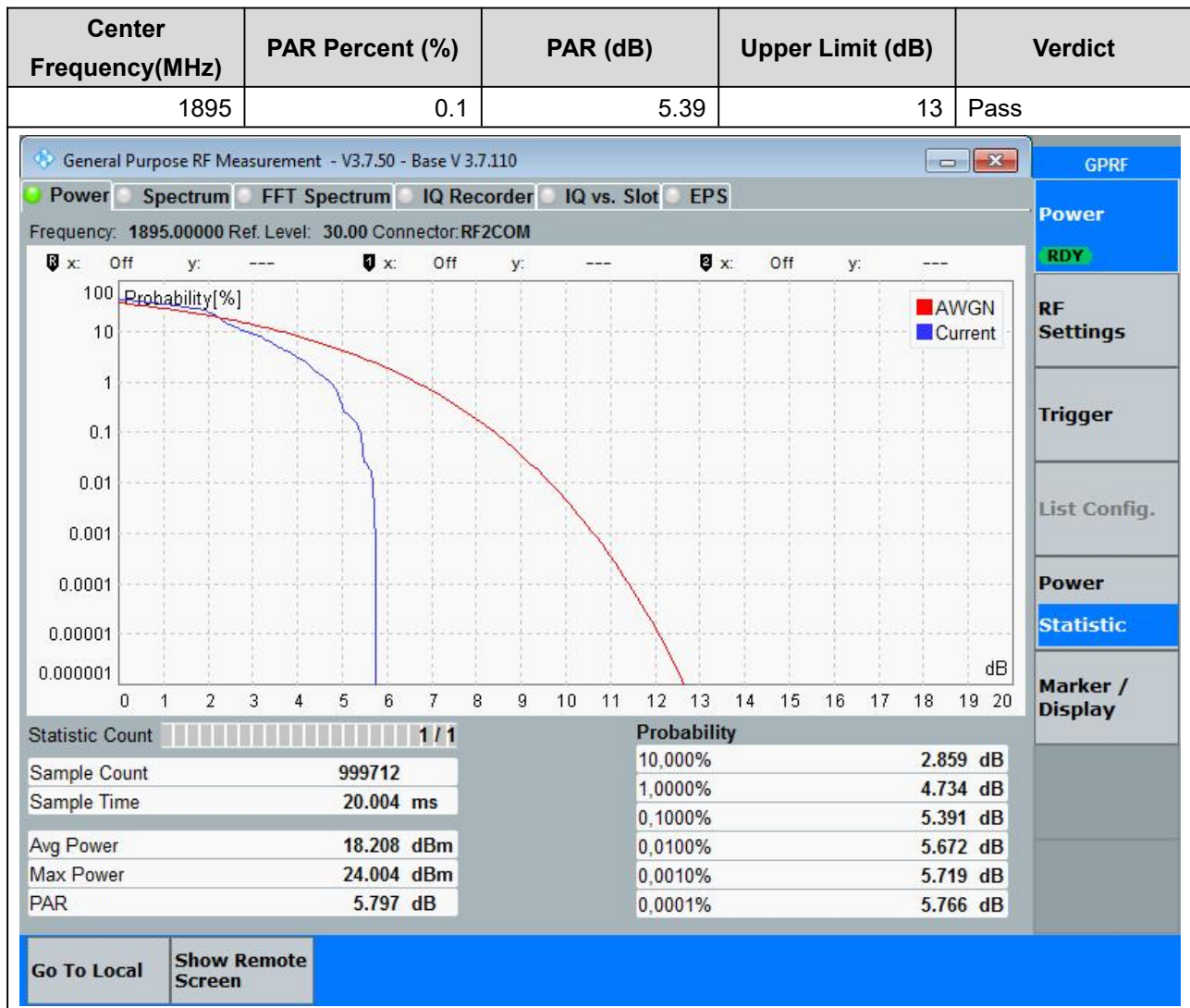
1.23 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)



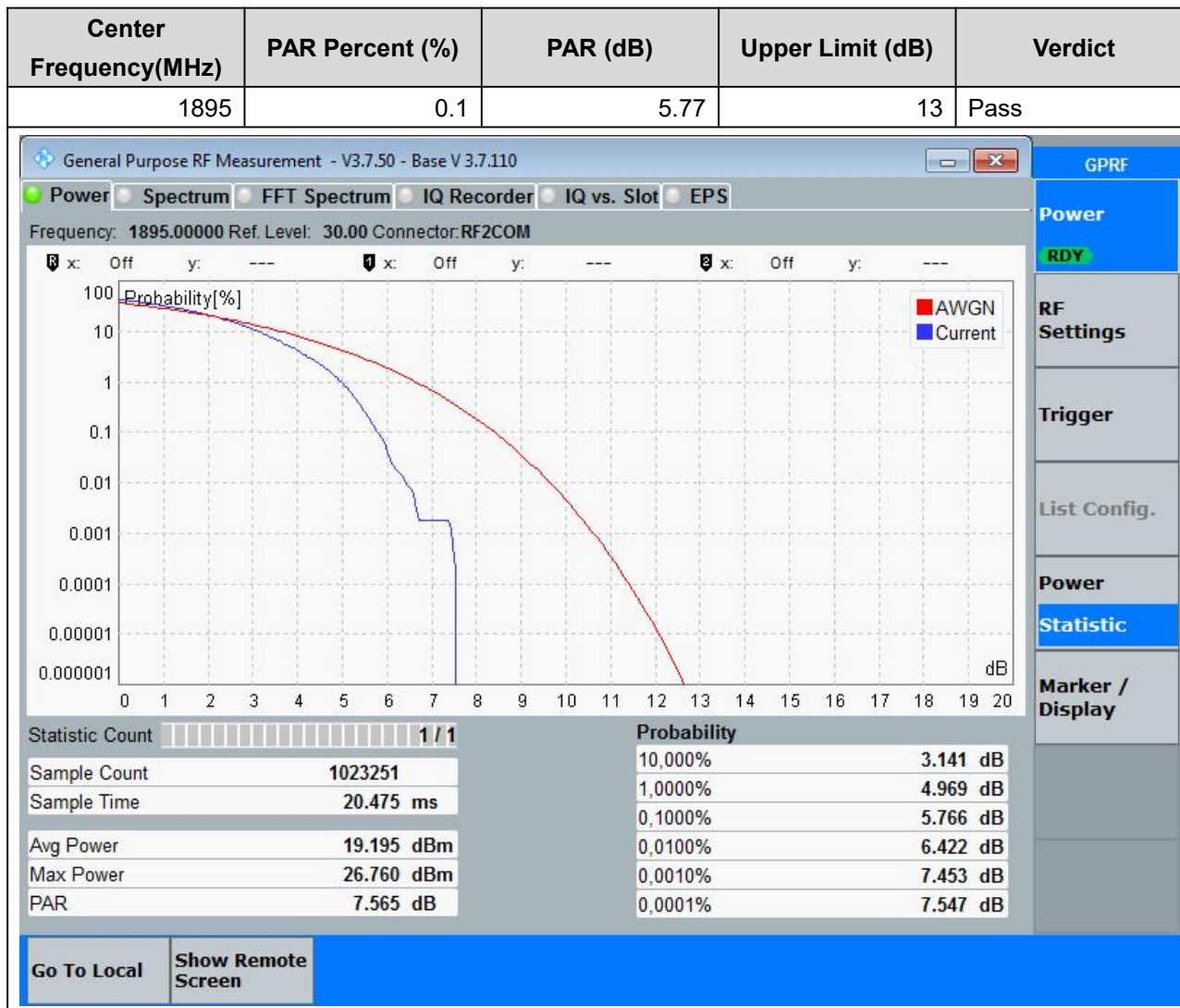
1.24 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)



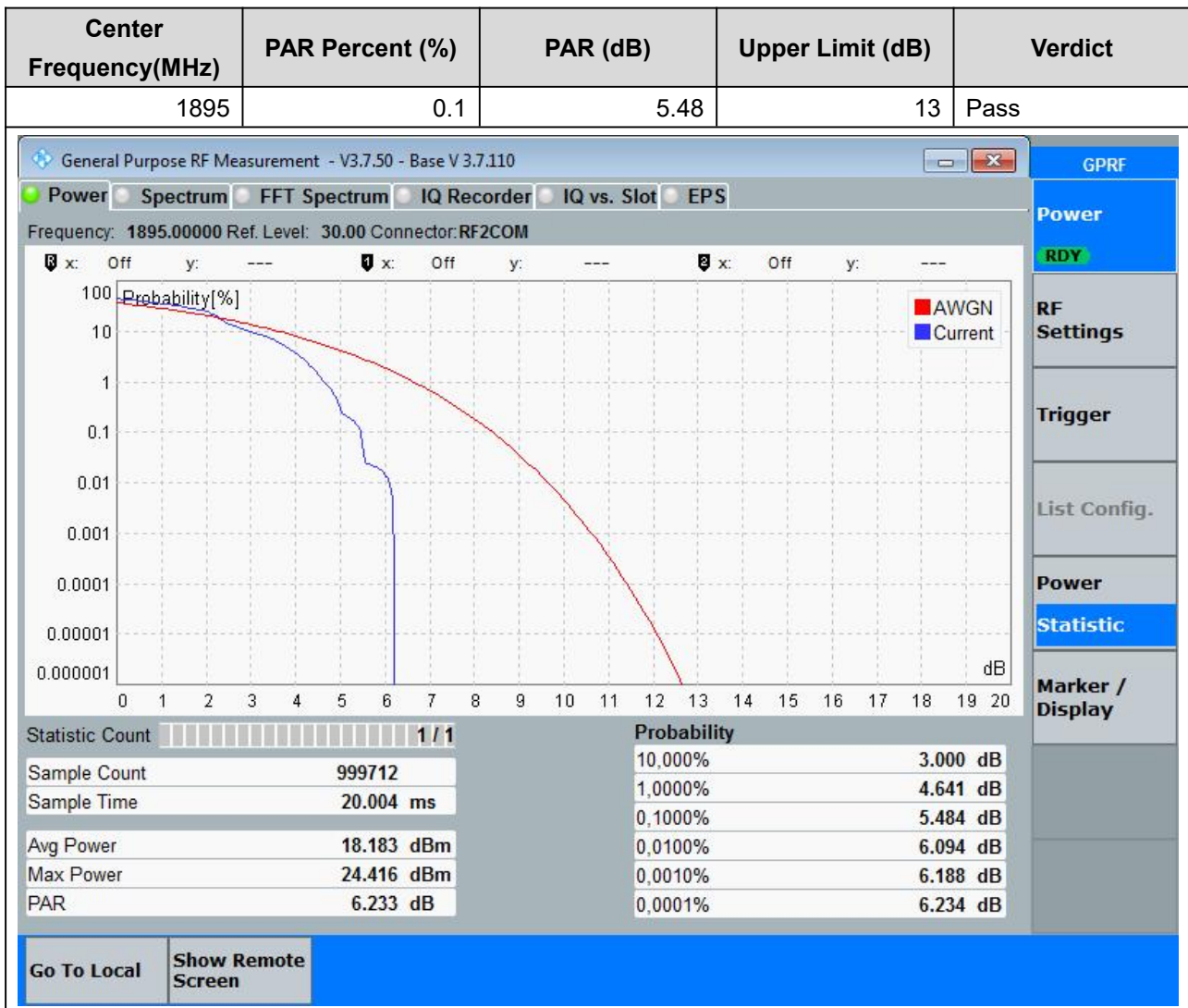
1.25 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



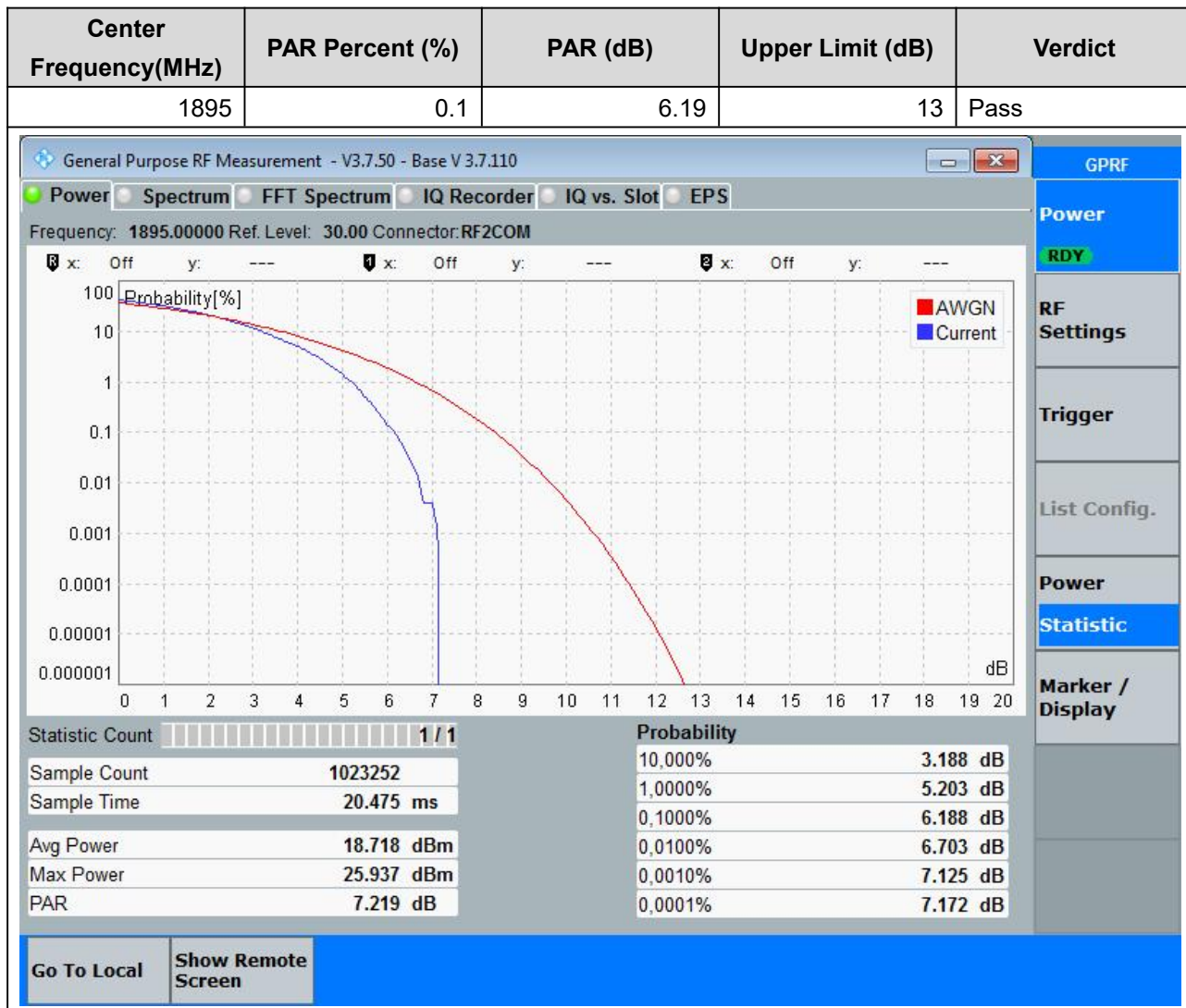
1.26 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)



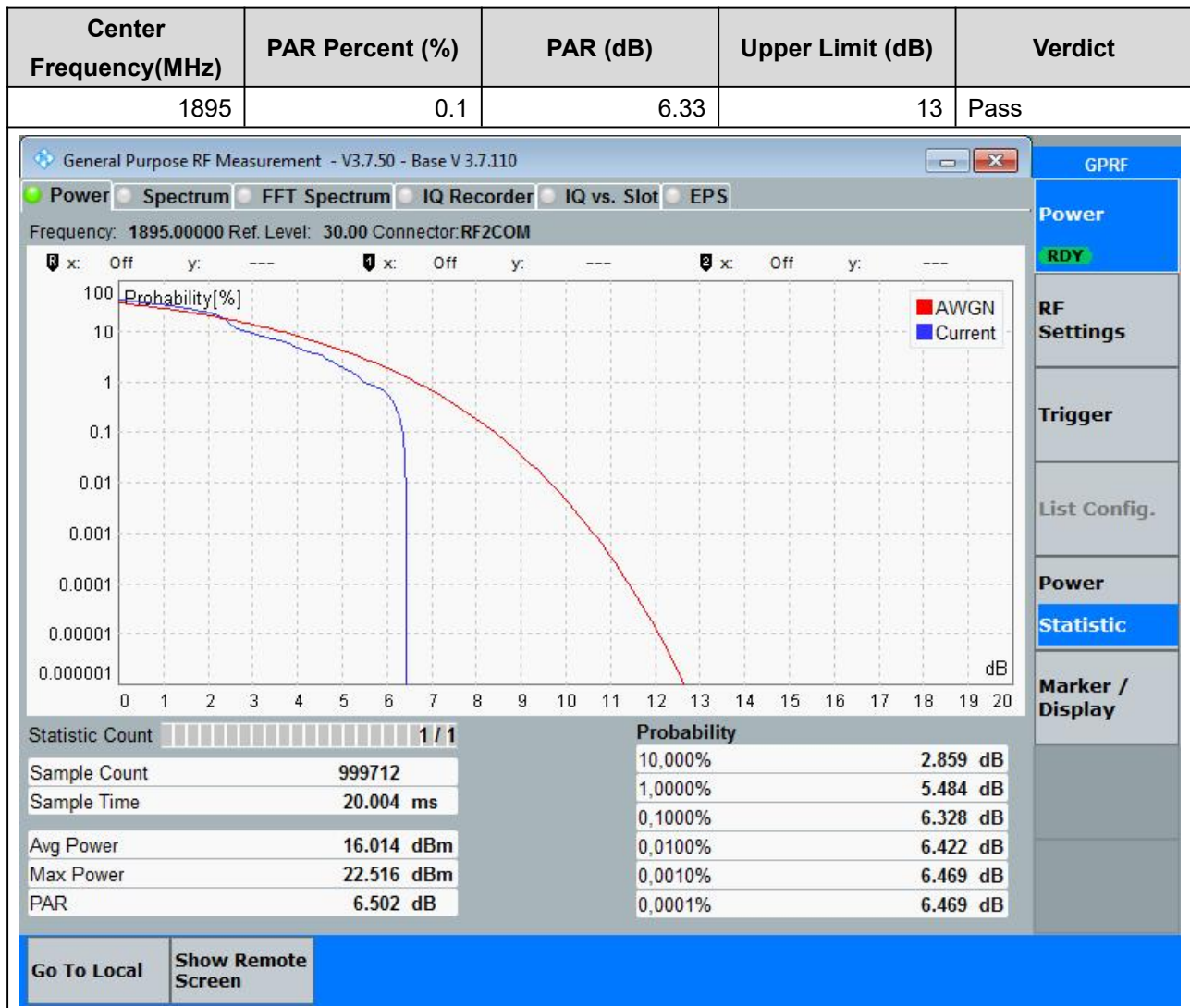
1.27 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)



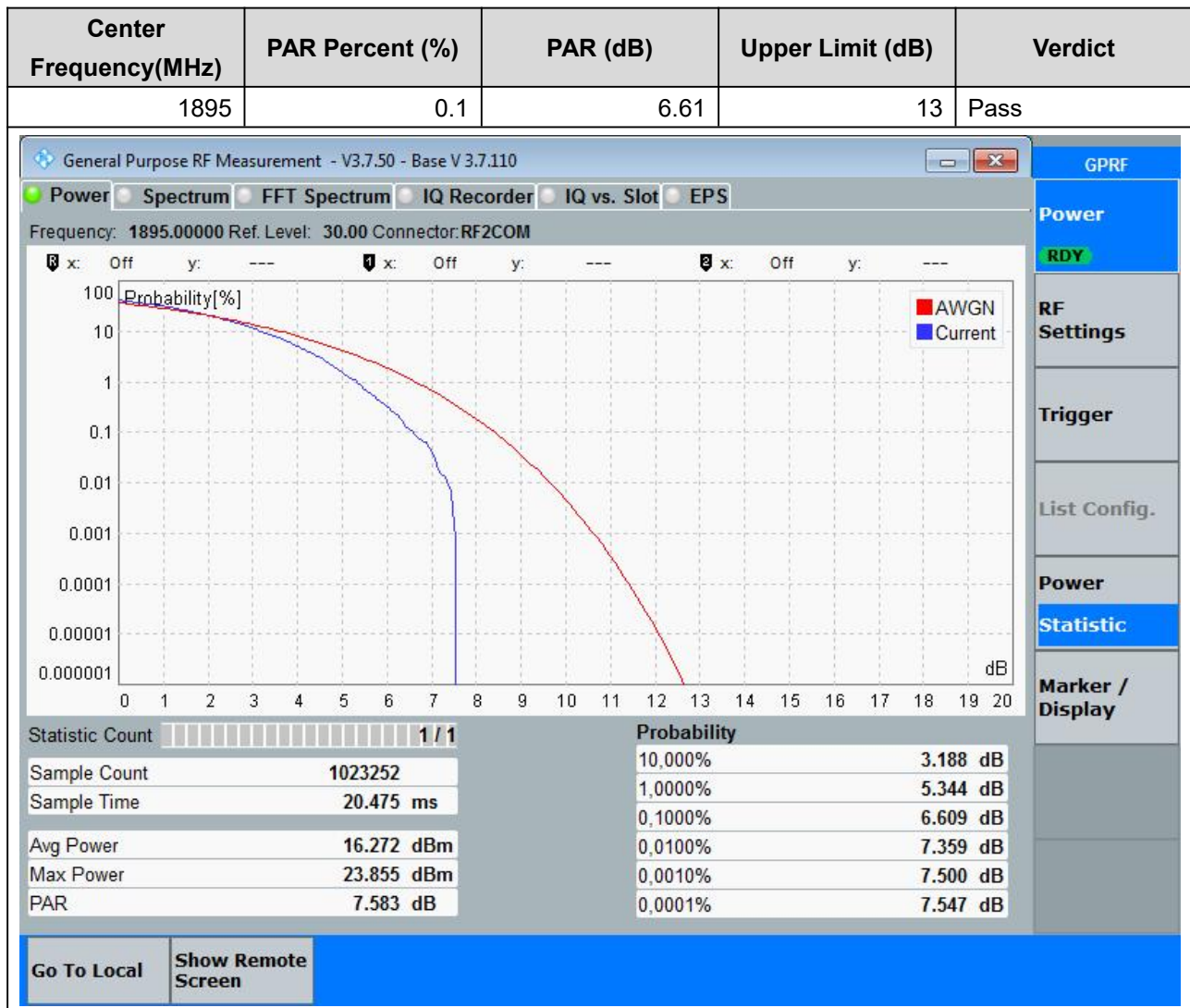
1.28 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)



1.29 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)

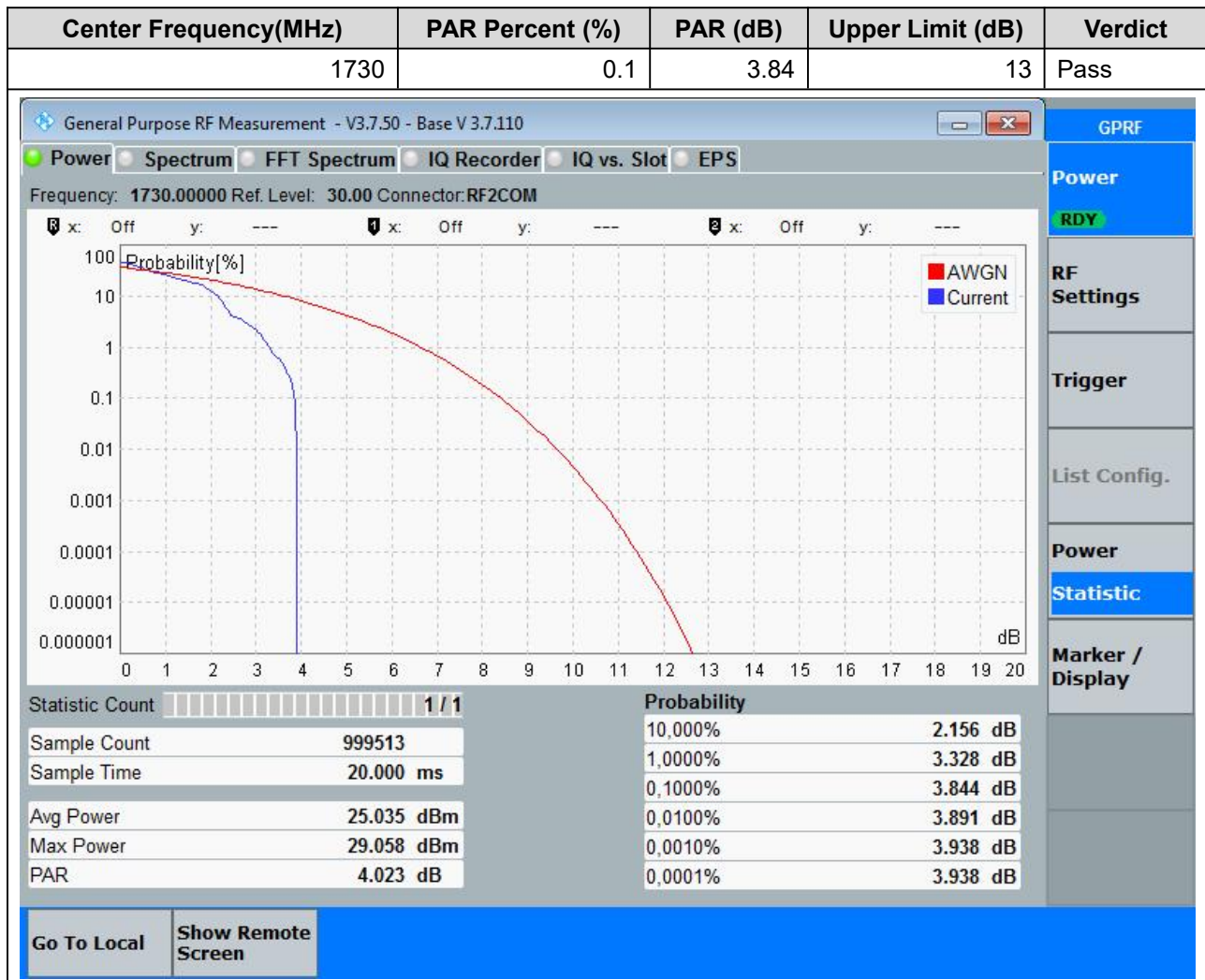


1.30 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:379000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)

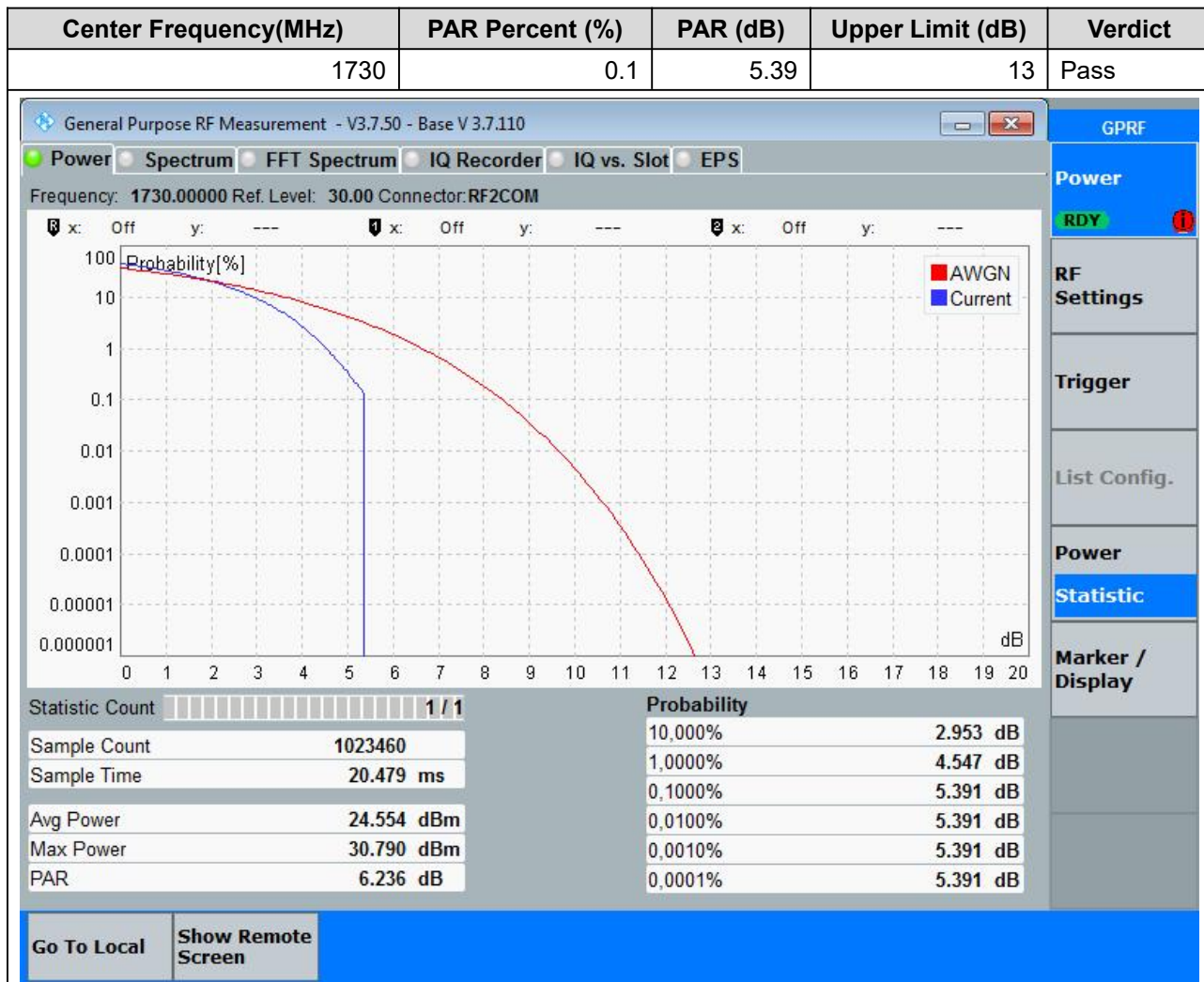


1. n66 15kHz

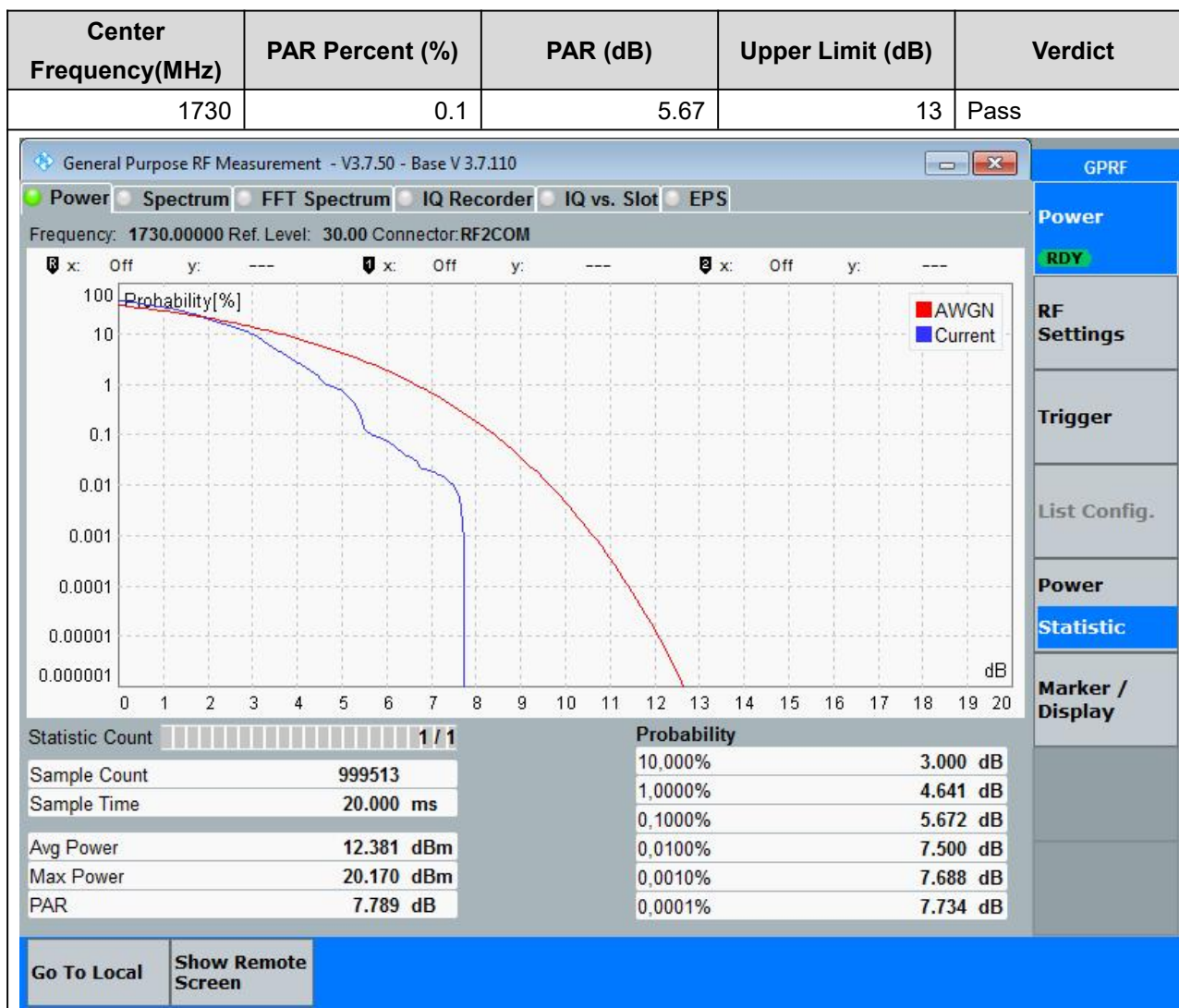
1.1 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



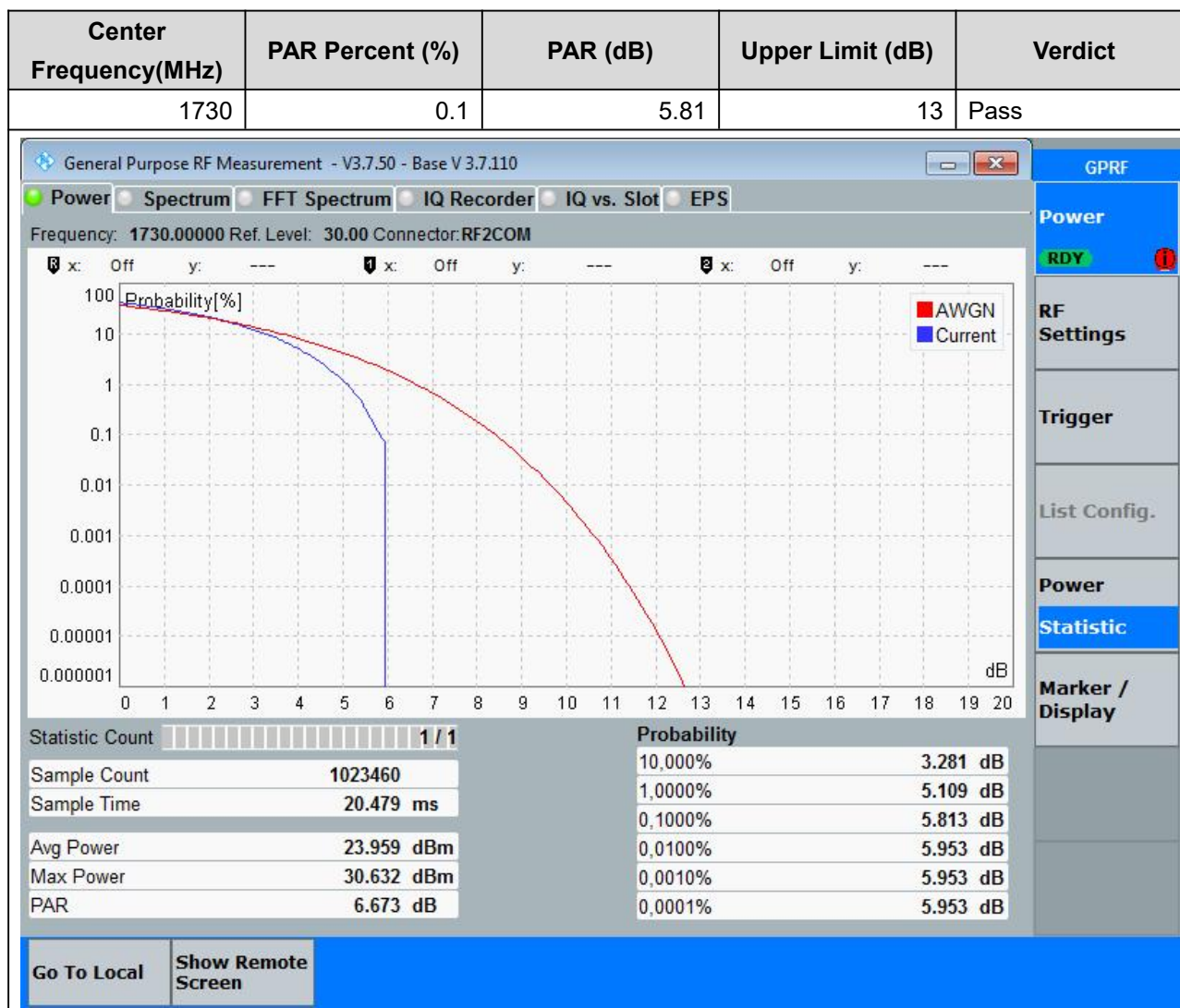
1.2 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:216, RB Position:0)



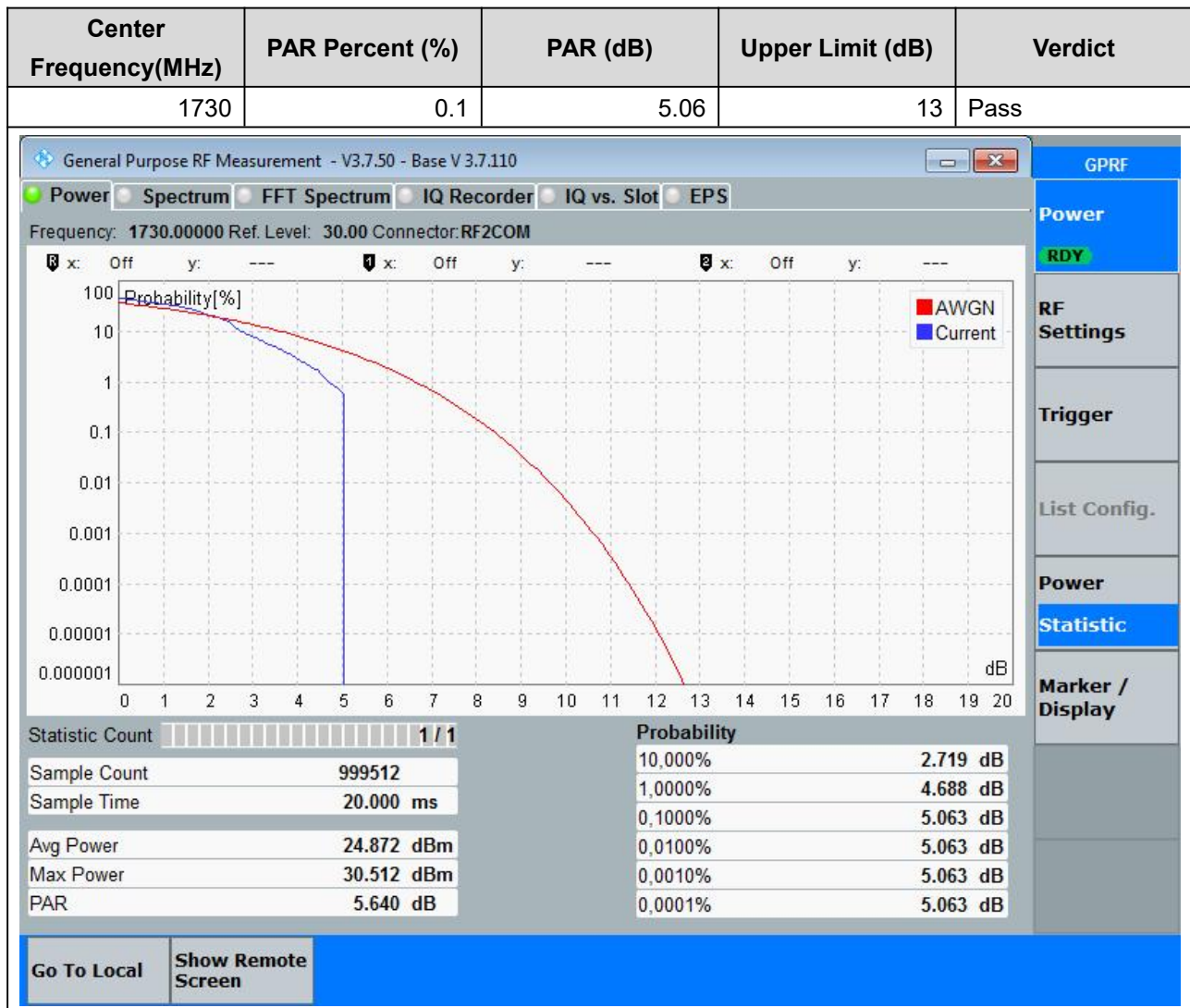
1.3 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)



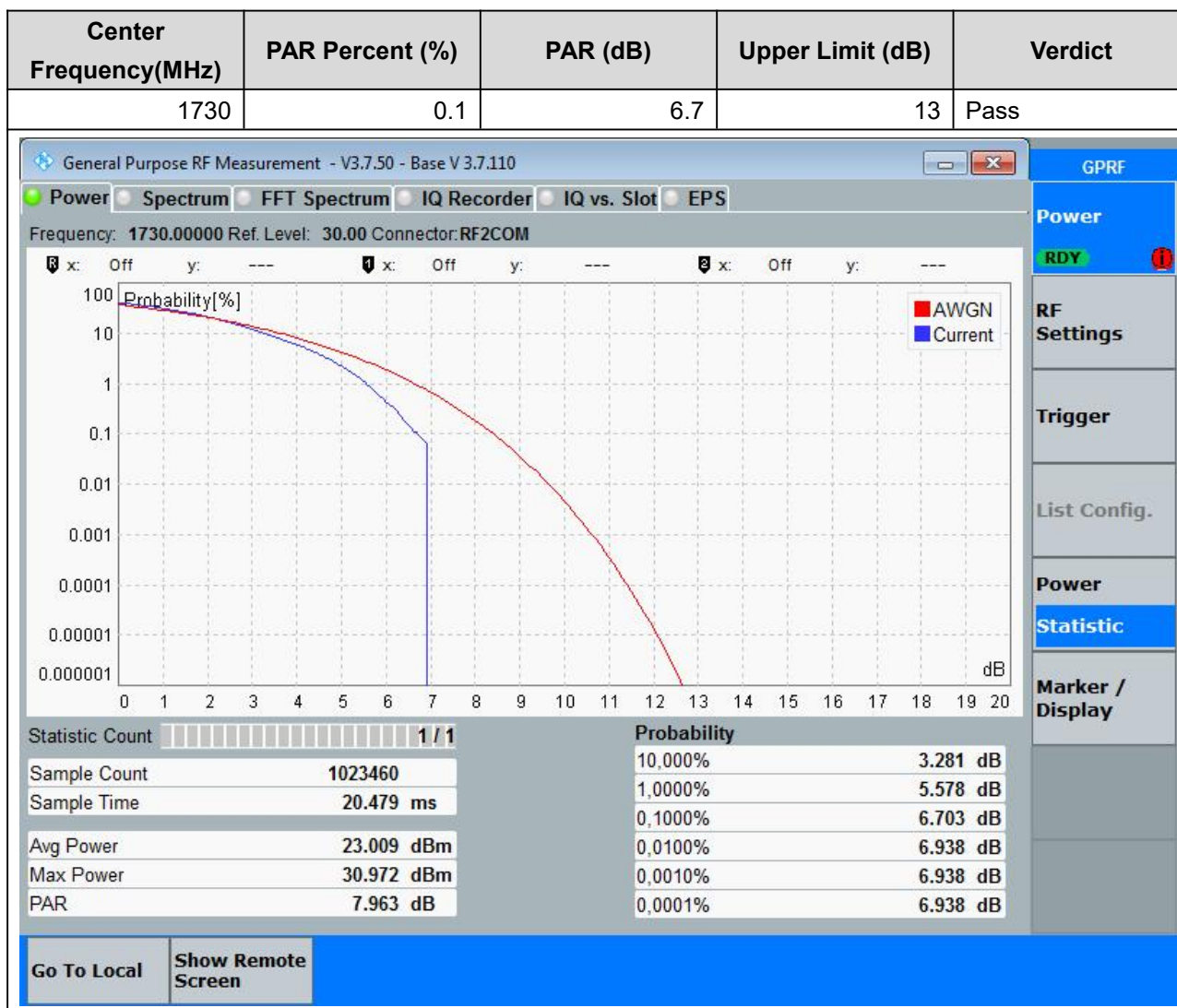
1.4 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)



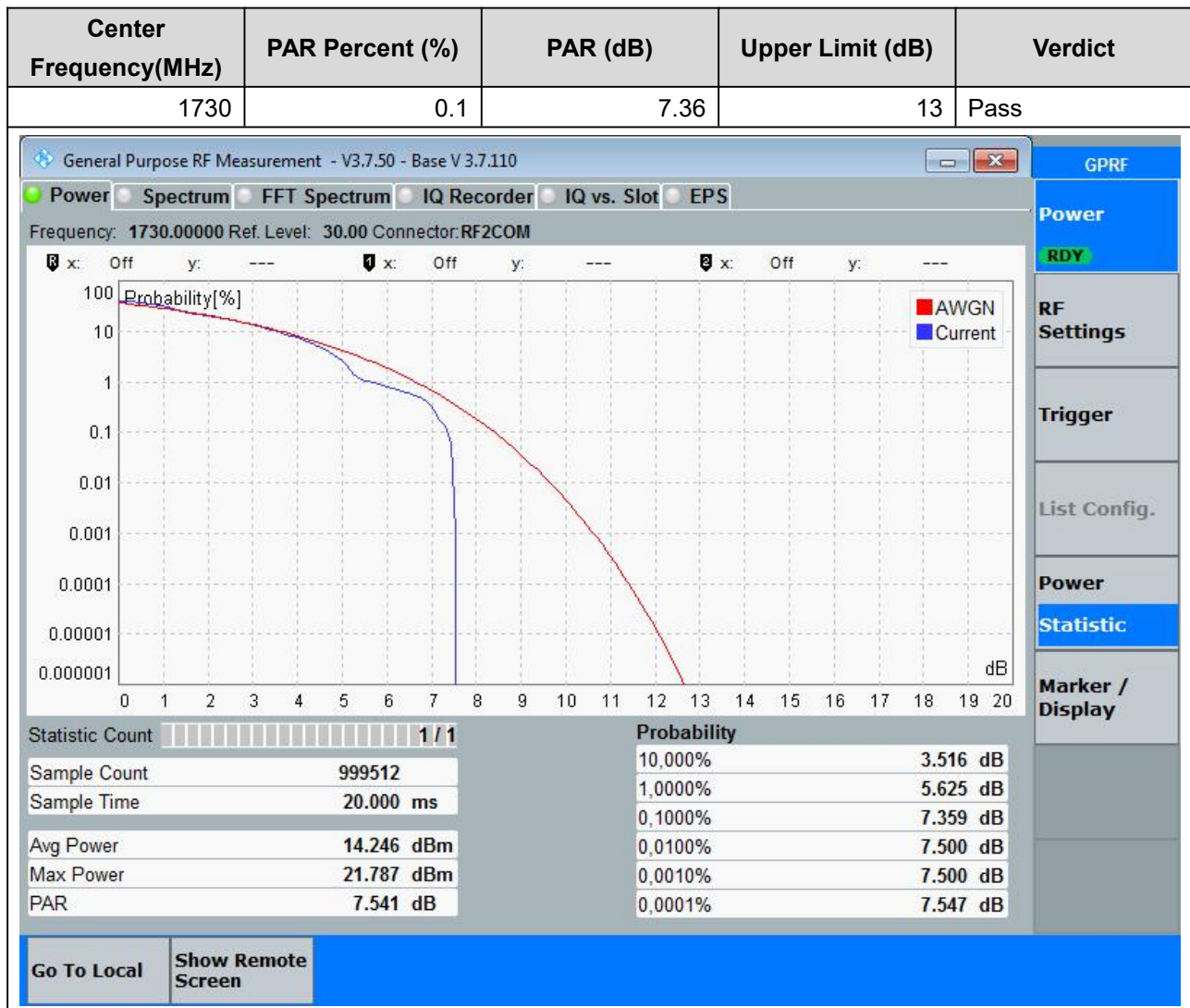
1.5 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



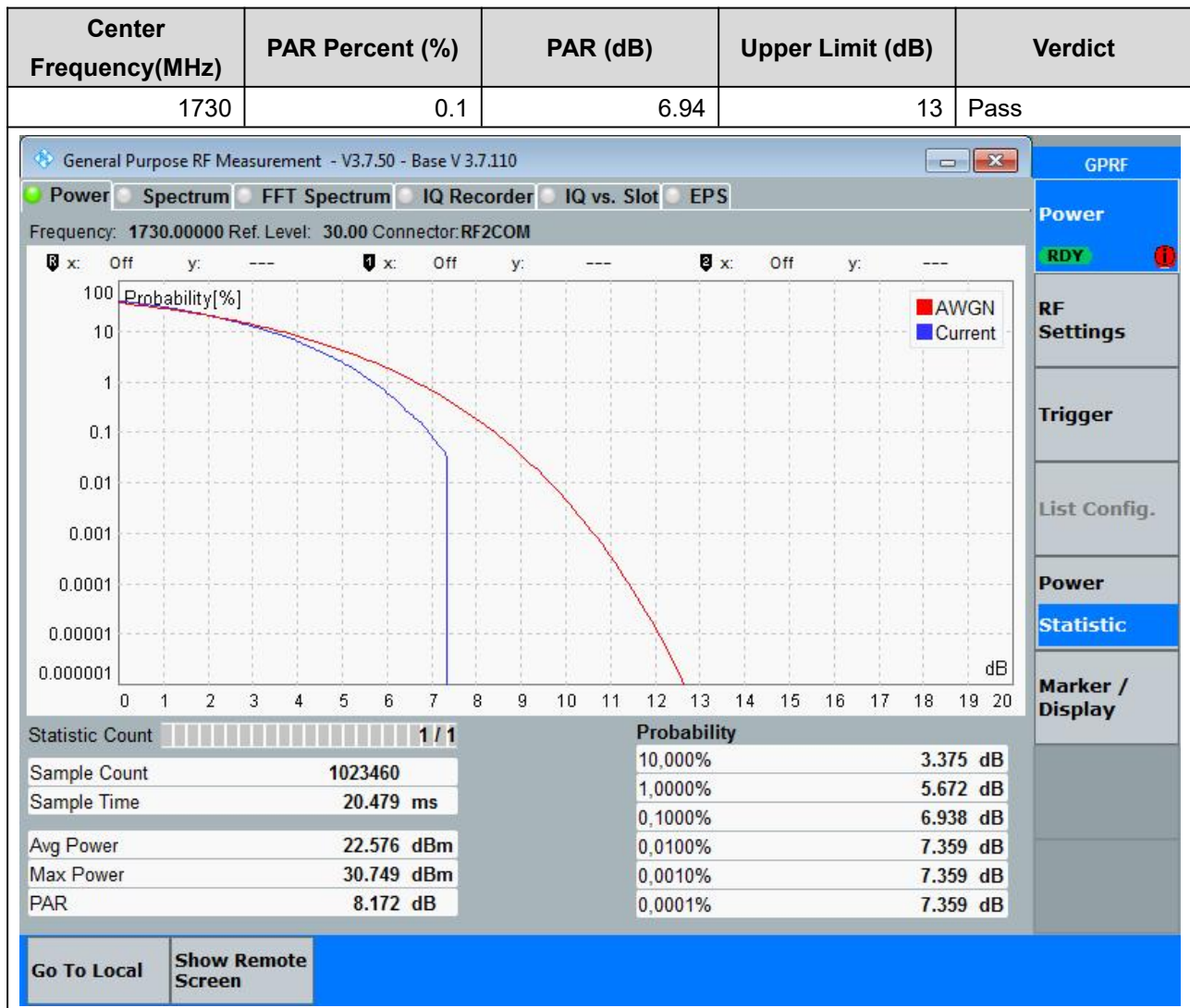
1.6 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)



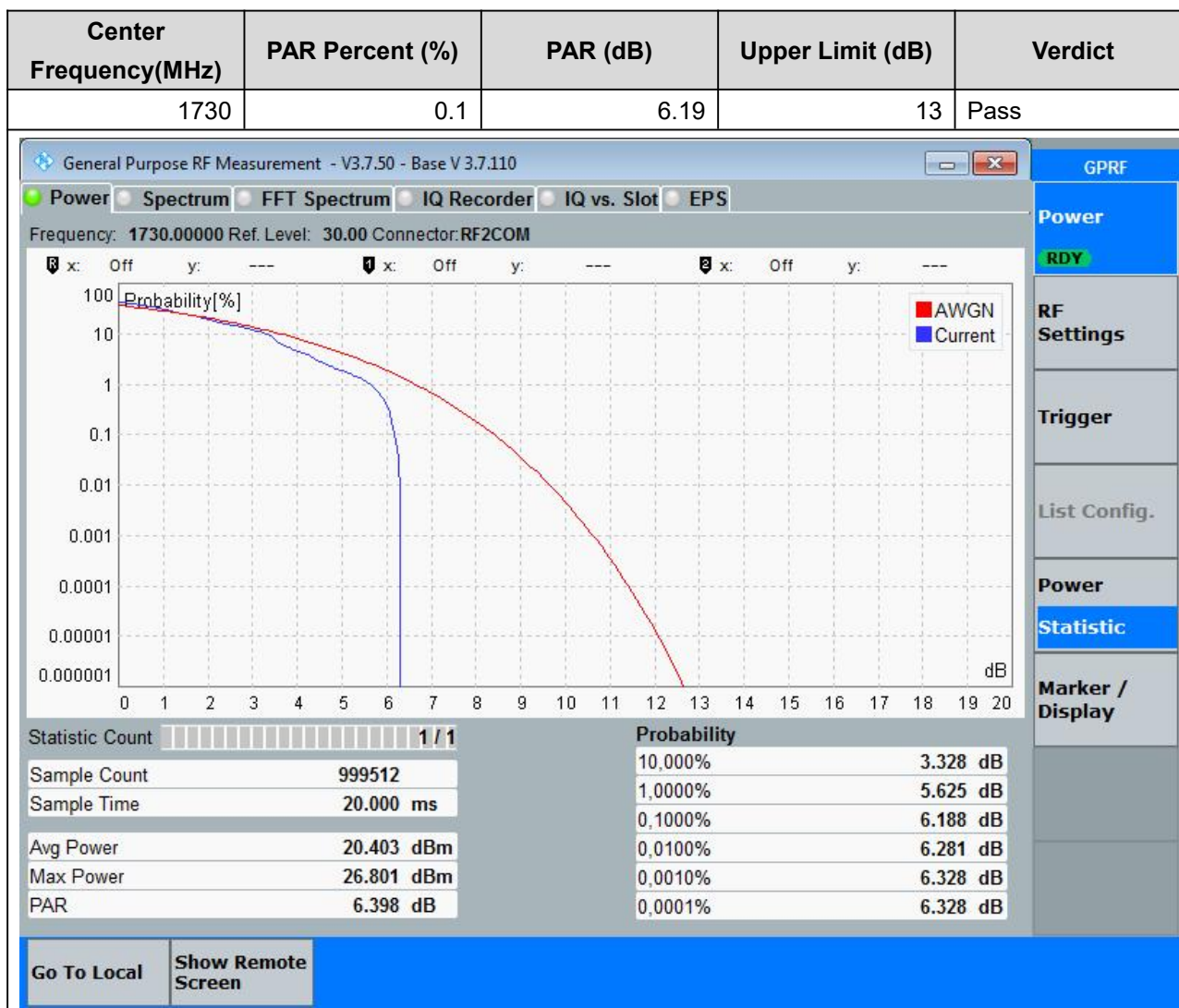
1.7 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)



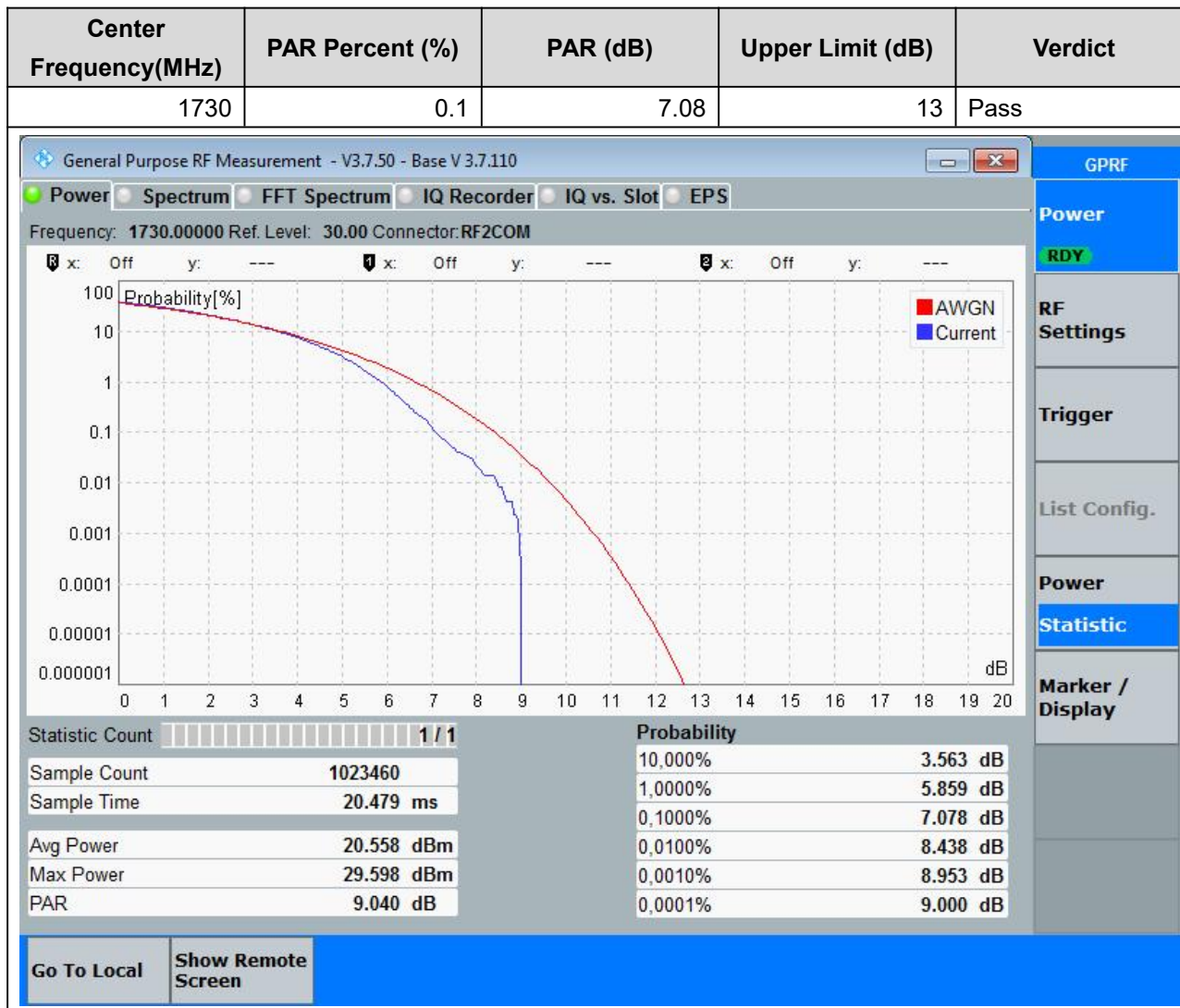
1.8 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)



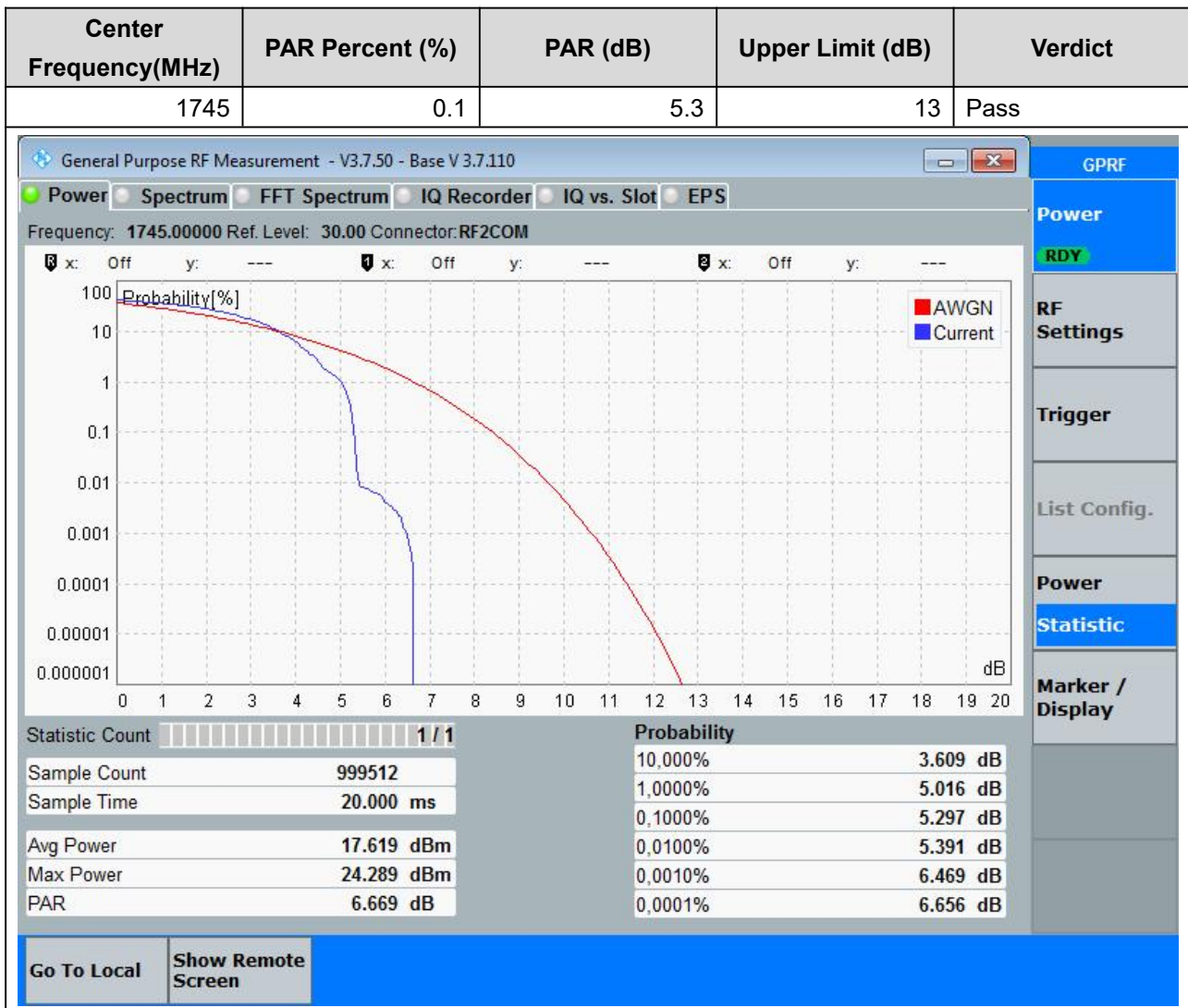
1.9 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)



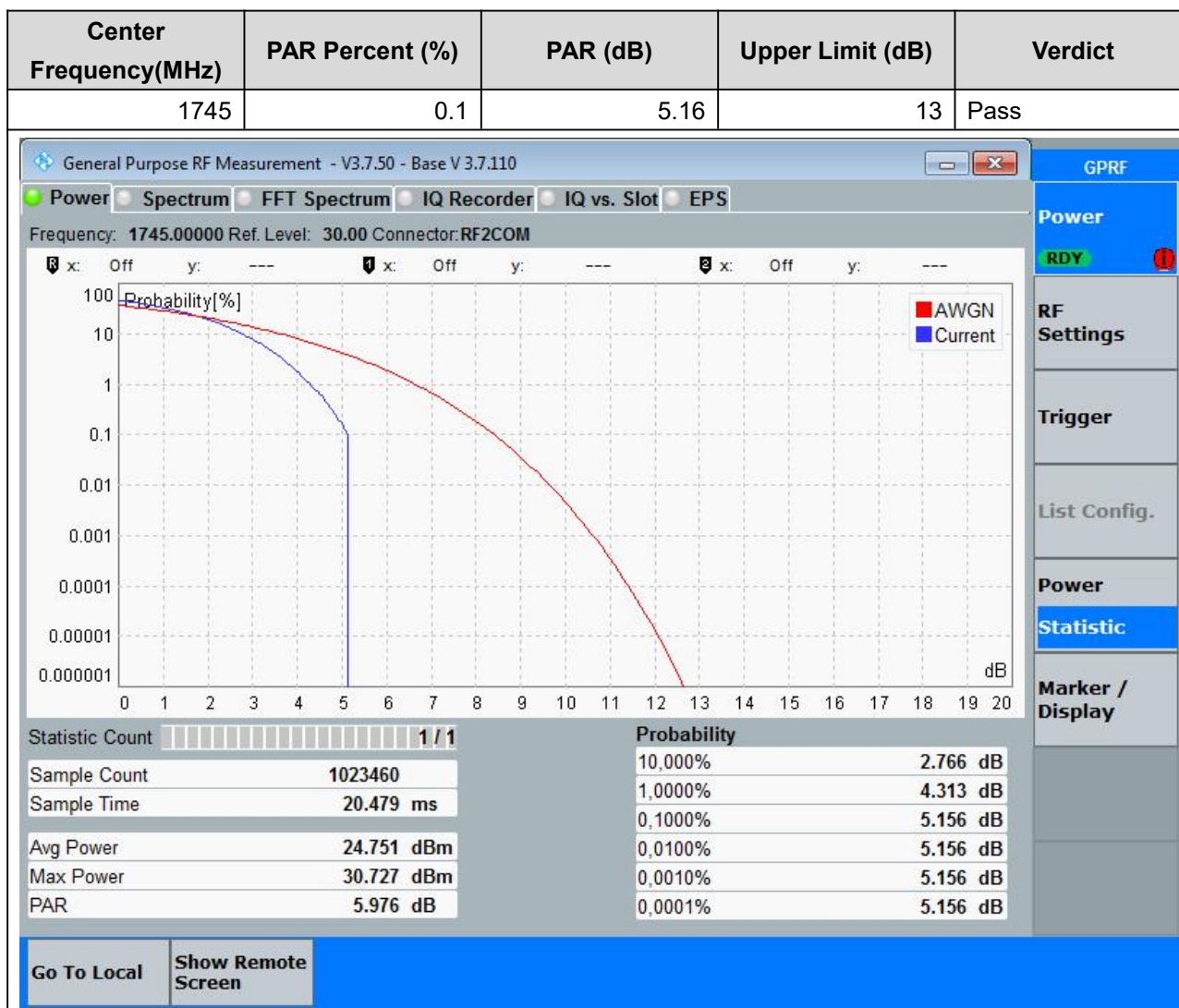
1.10 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)



1.11 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)

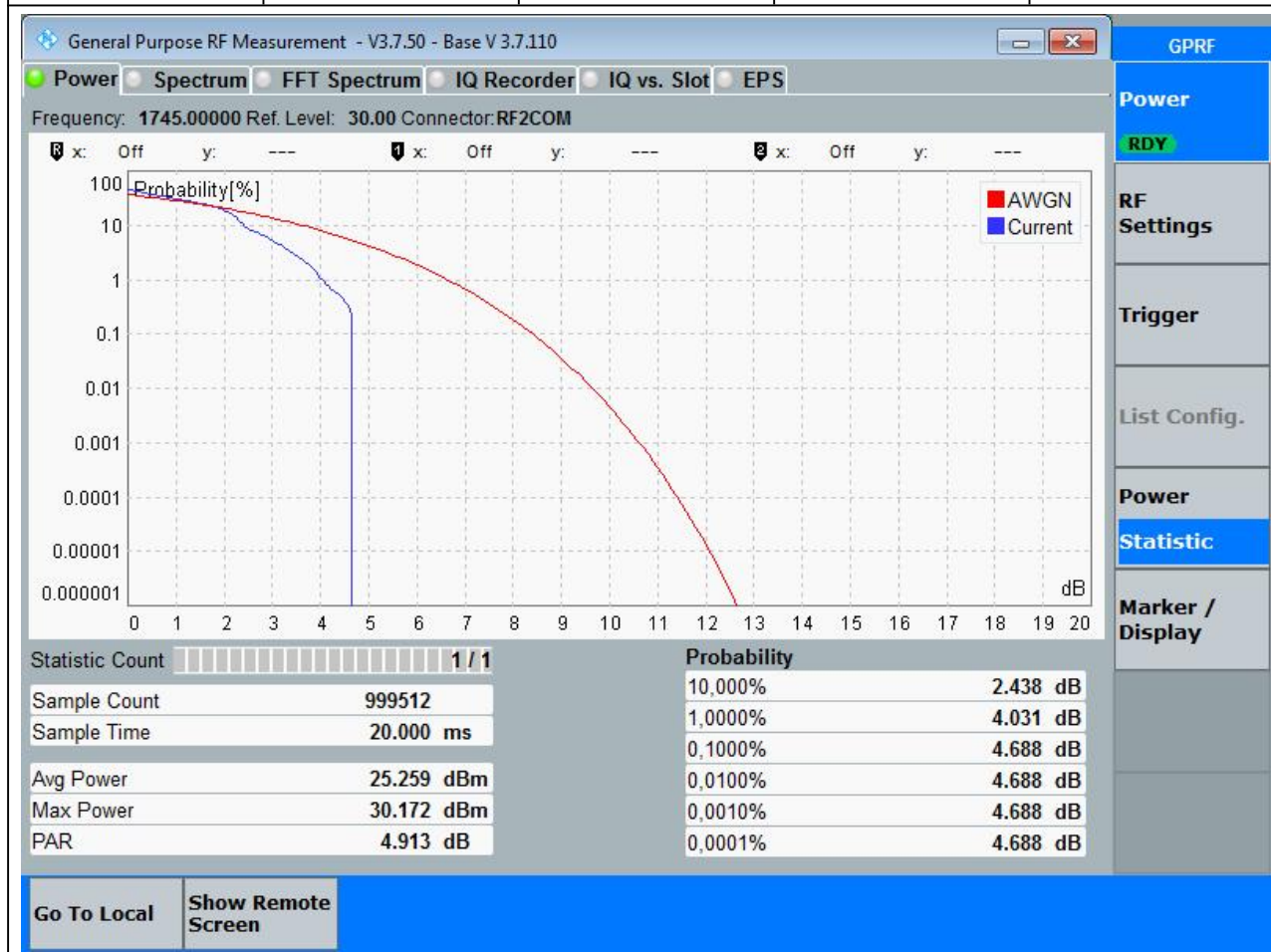


1.12 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:216, RB Position:0)

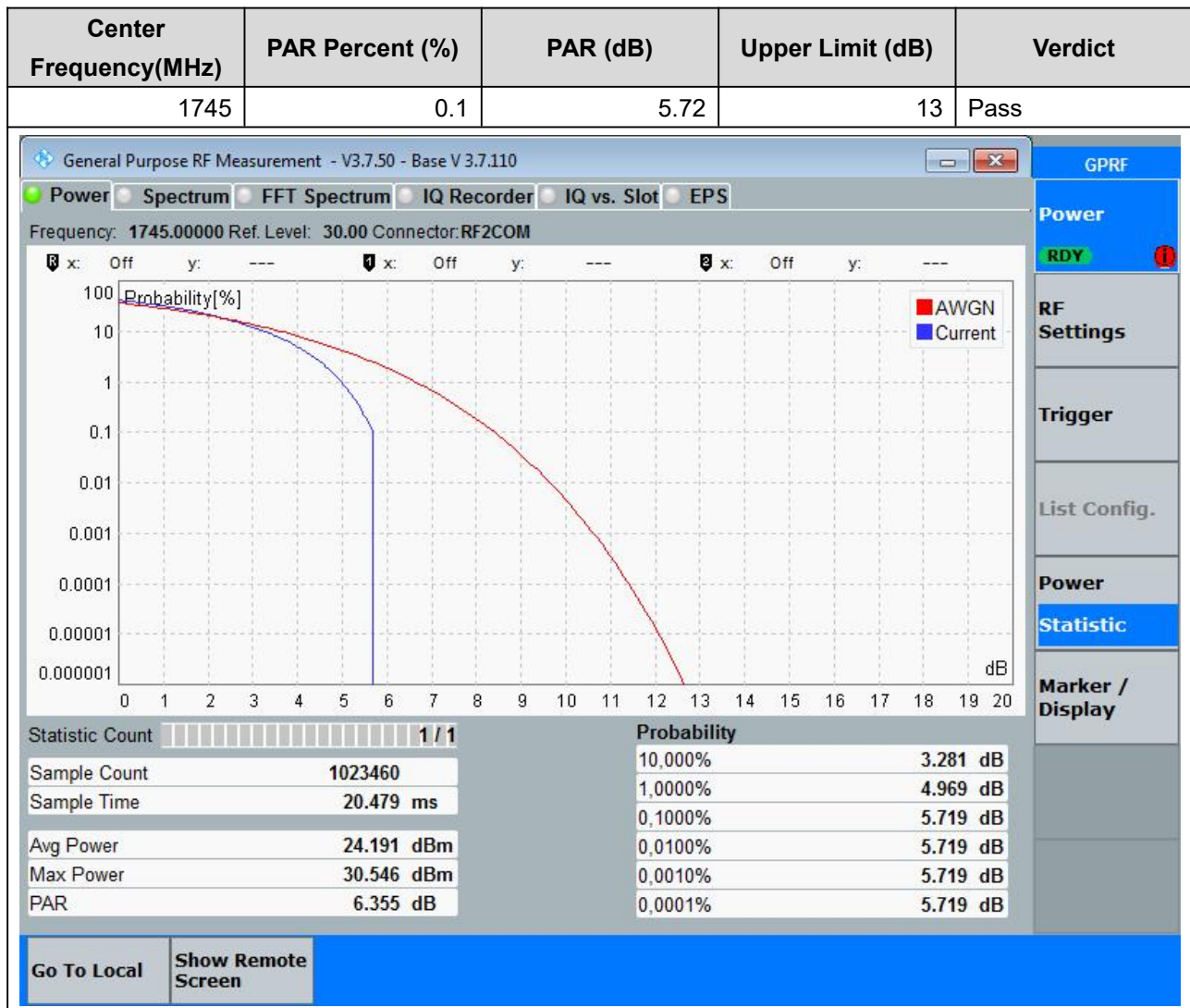


1.13 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)

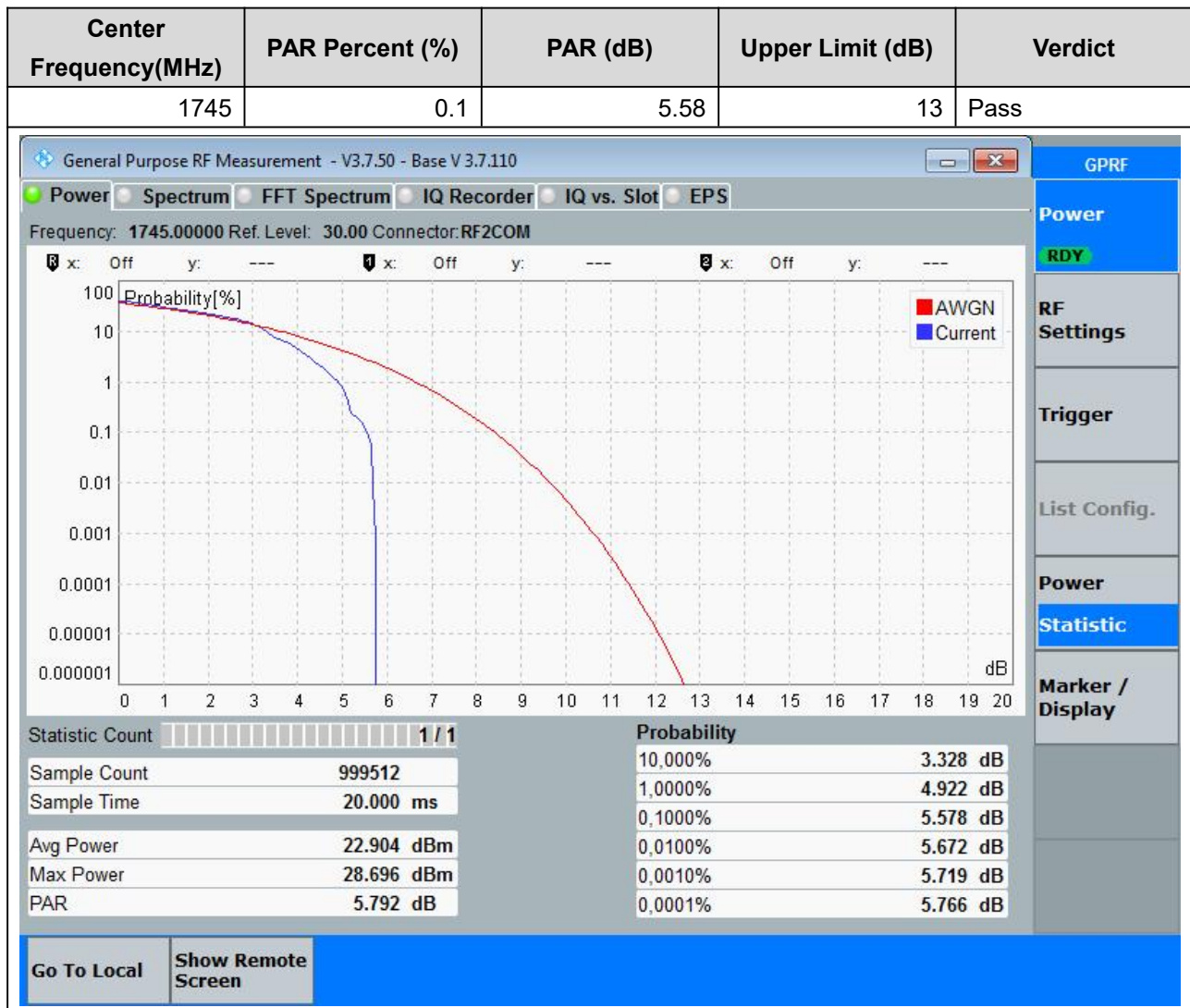
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	4.69	13	Pass



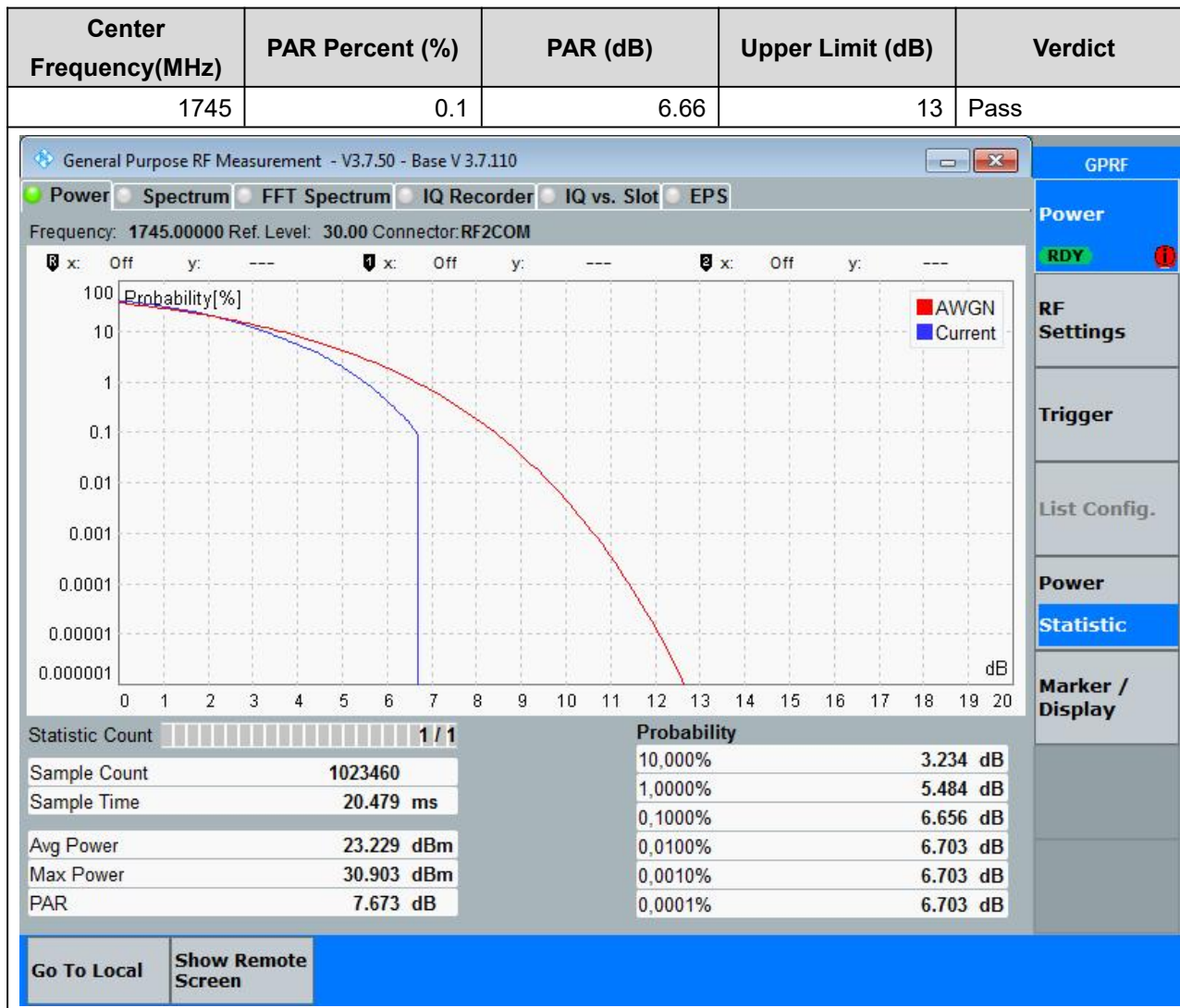
1.14 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)



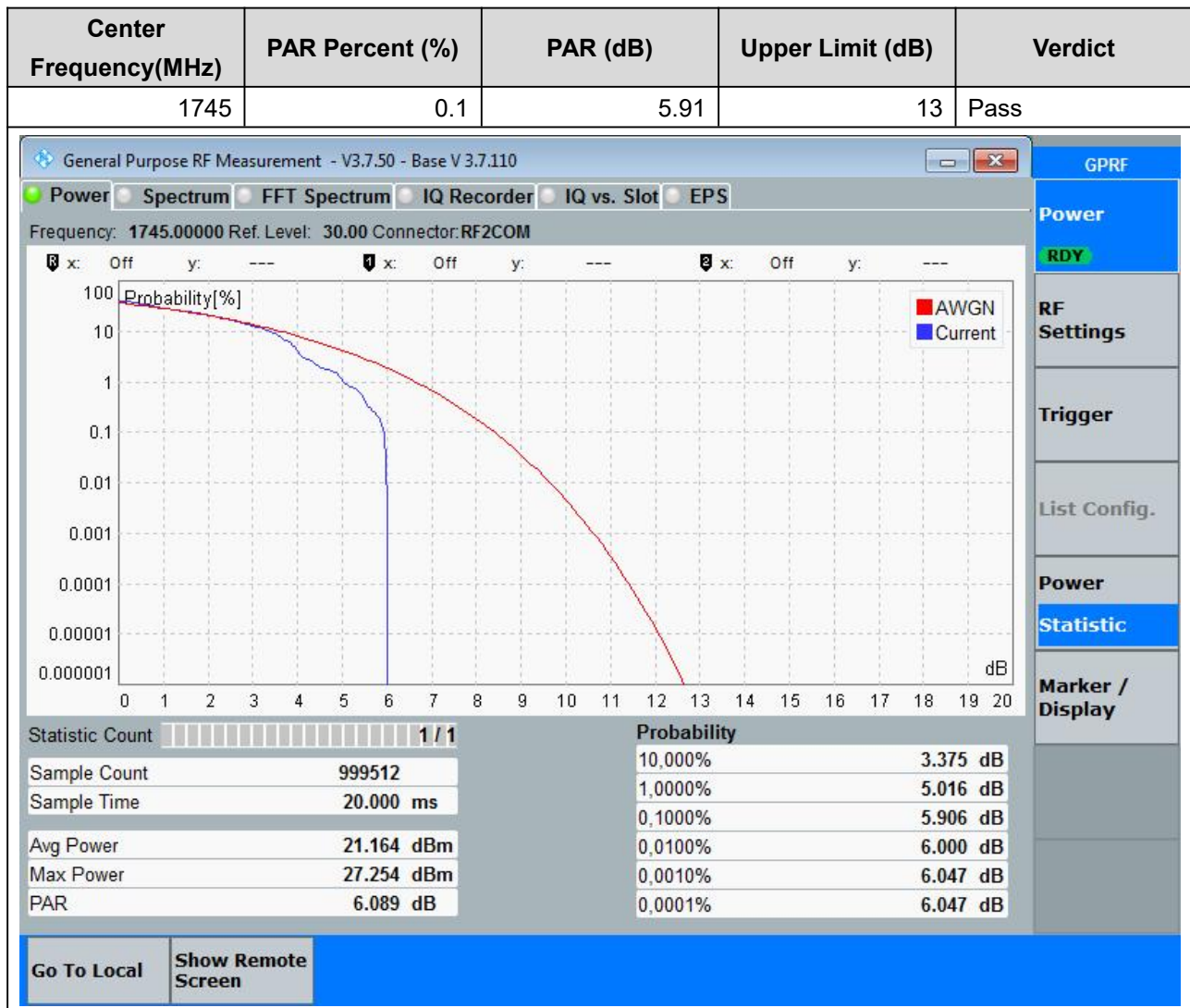
1.15 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



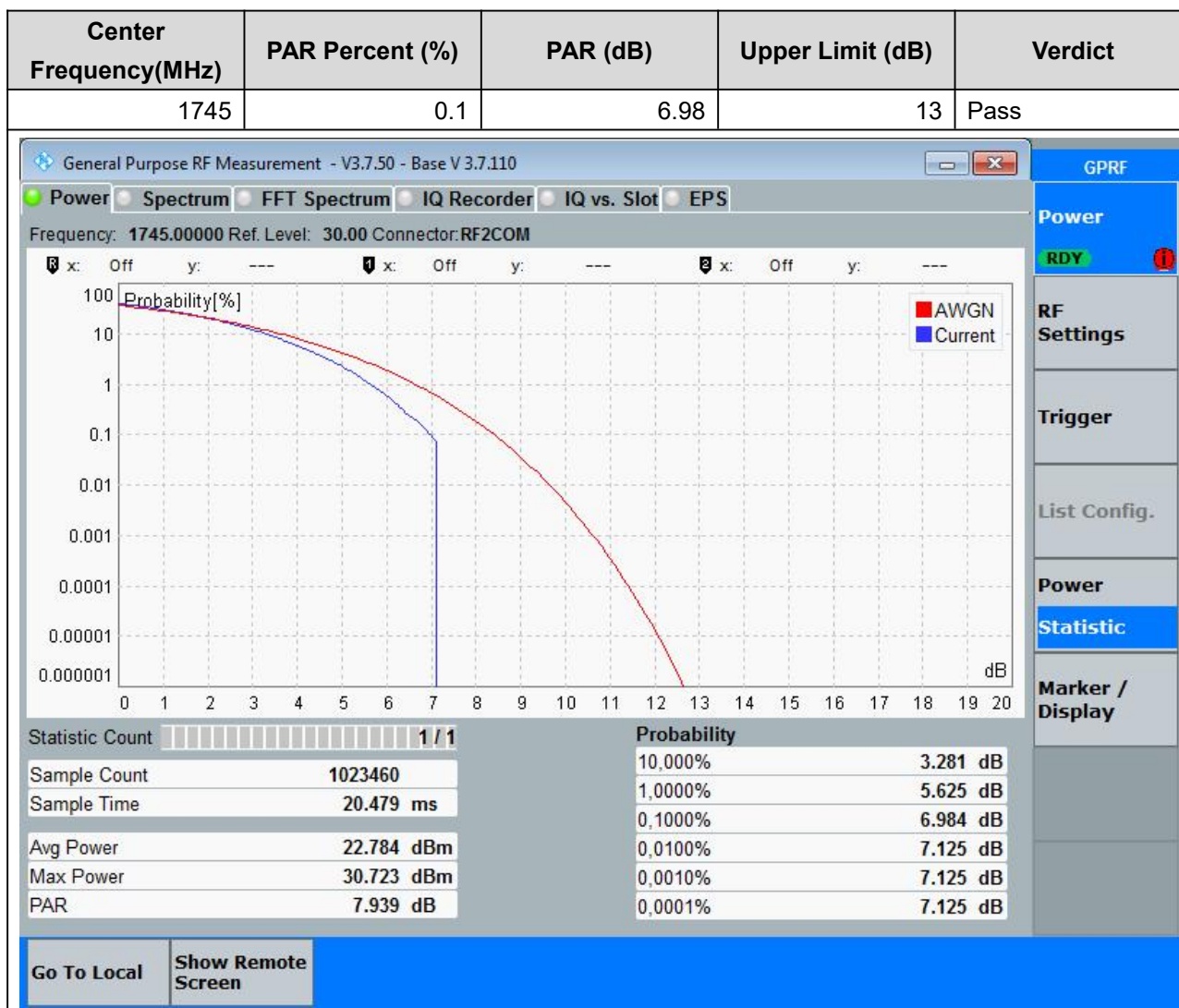
1.16 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)



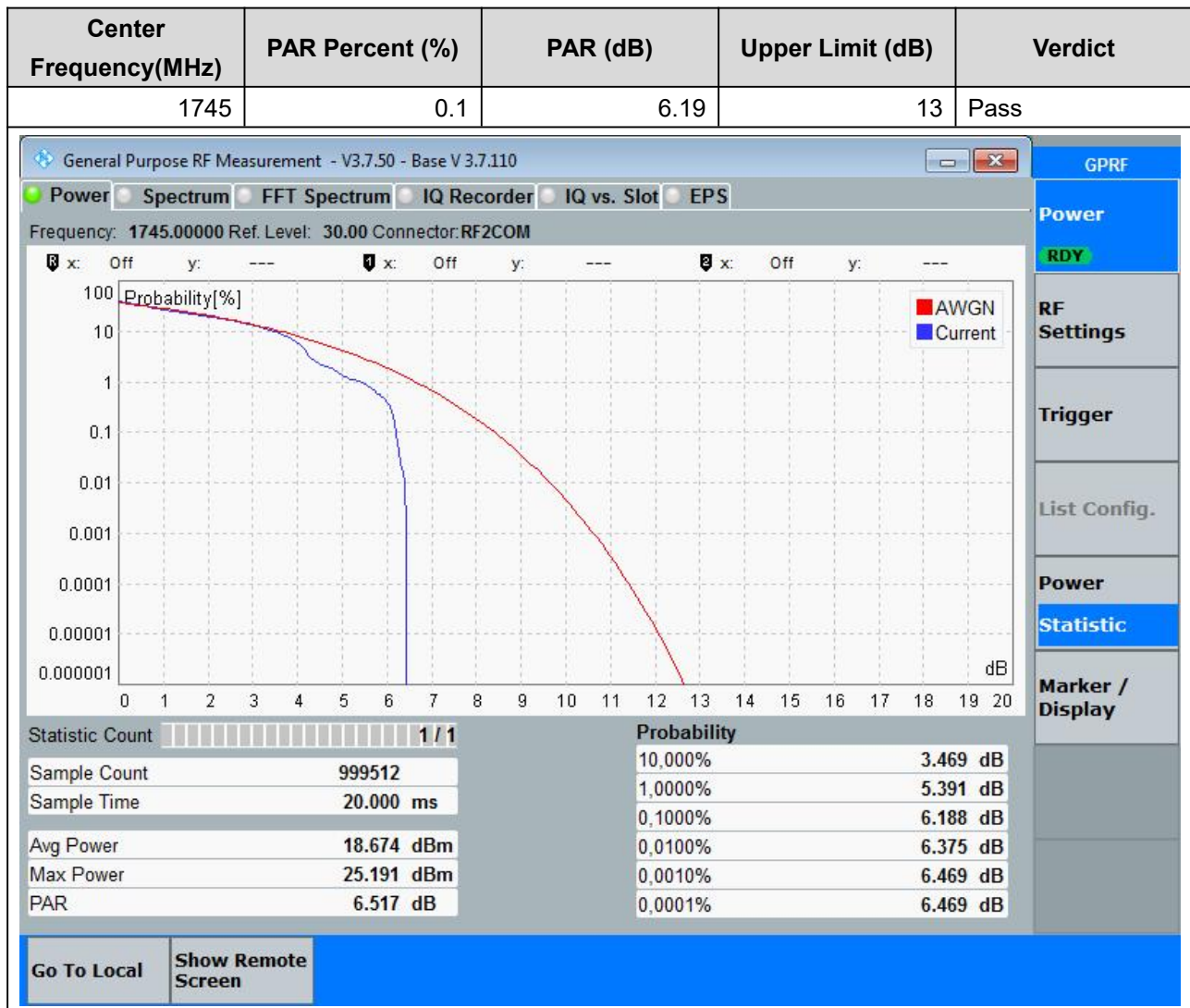
1.17 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)



1.18 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)



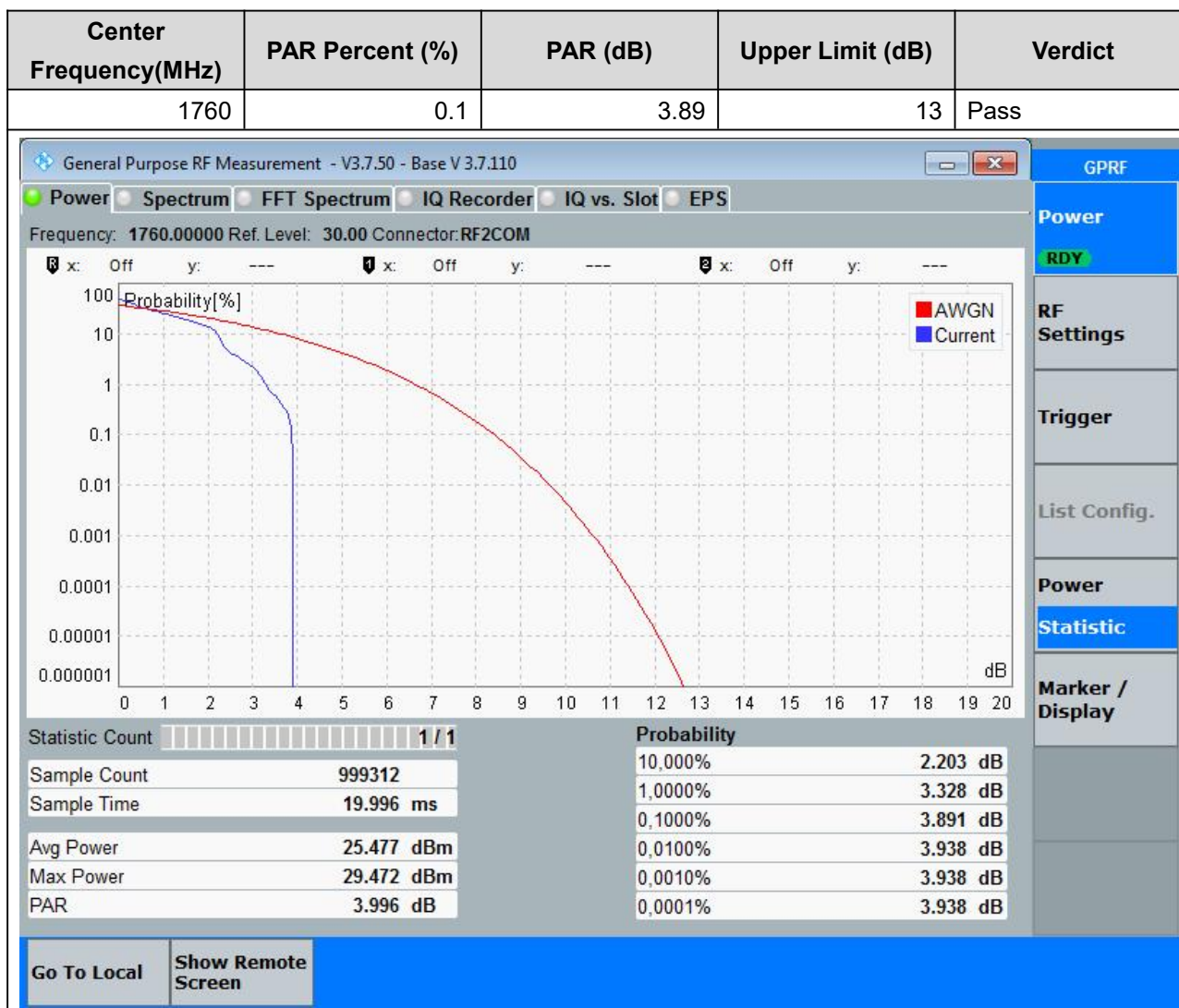
1.19 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:1, RB Position:0)



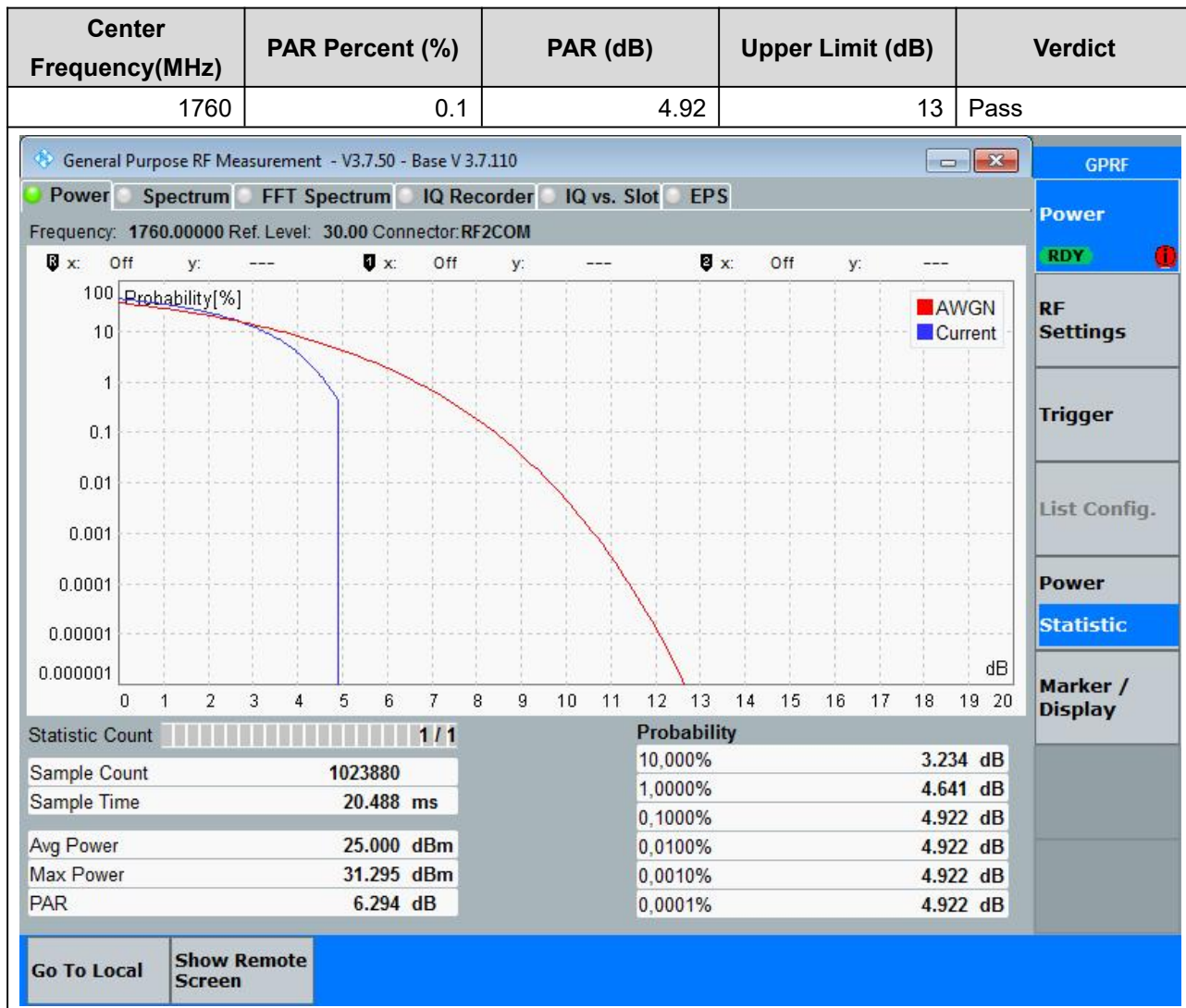
1.20 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)



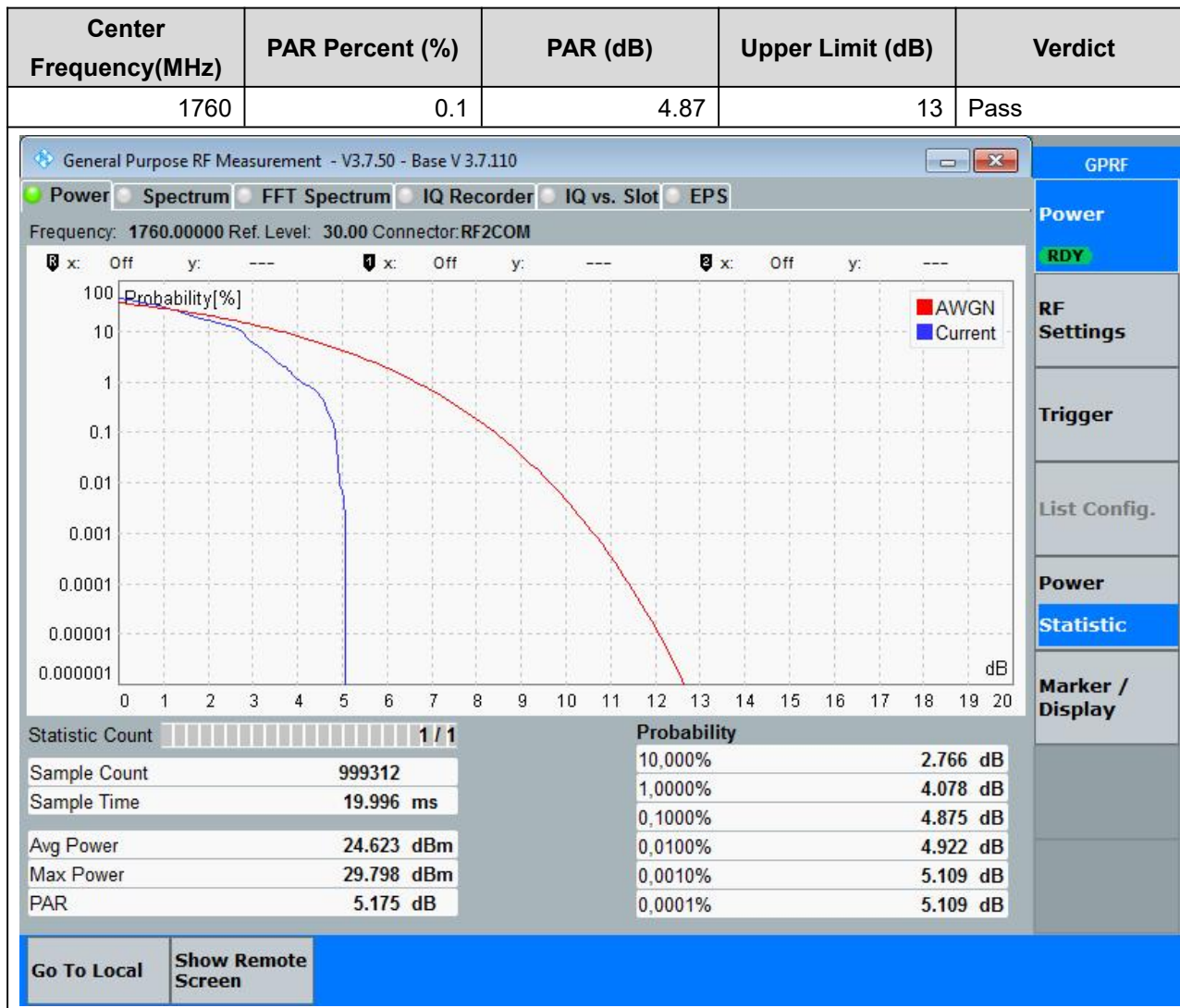
1.21 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:1, RB Position:0)



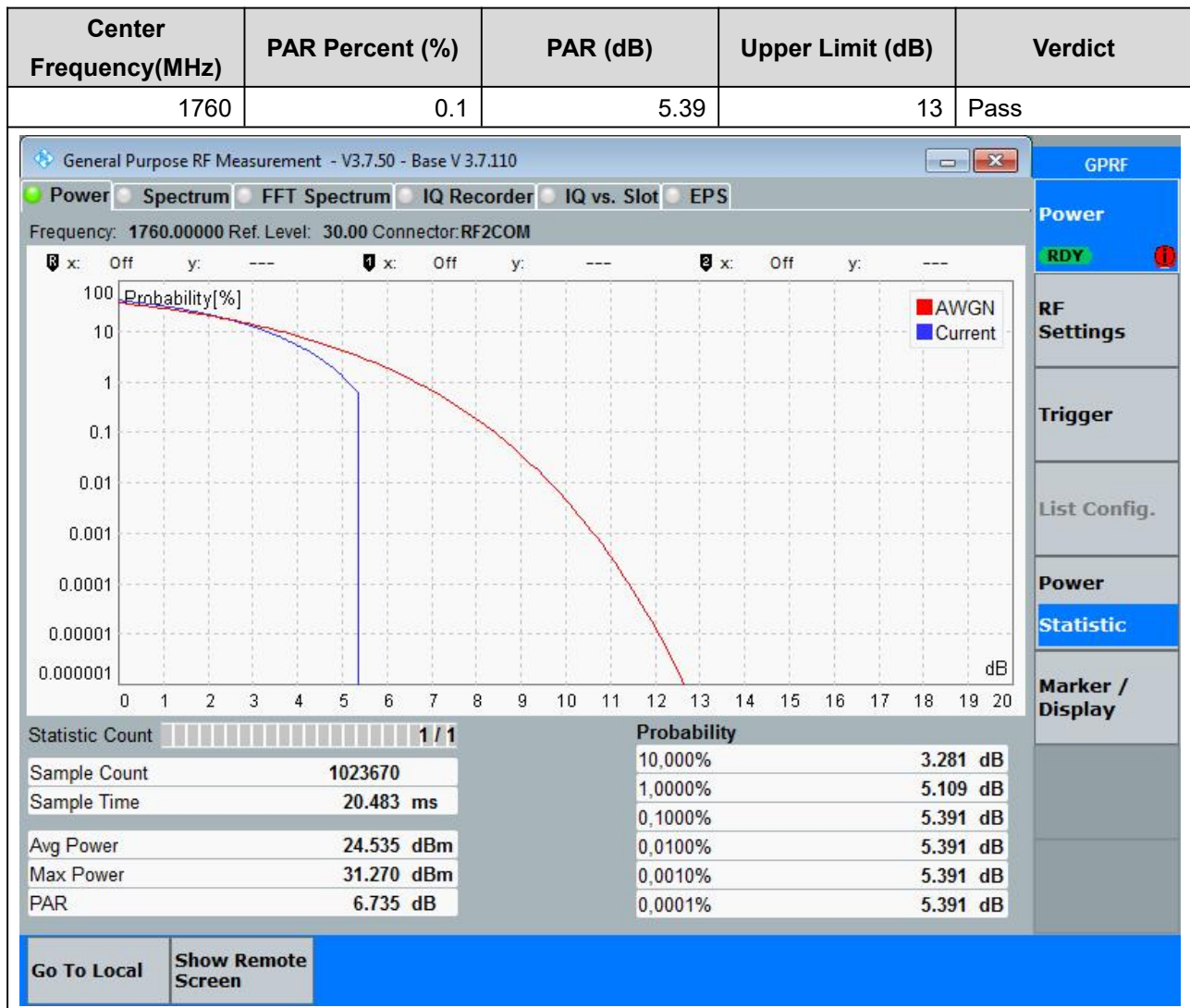
1.22 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:Pi/2-BPSK, RB Number:216, RB Position:0)



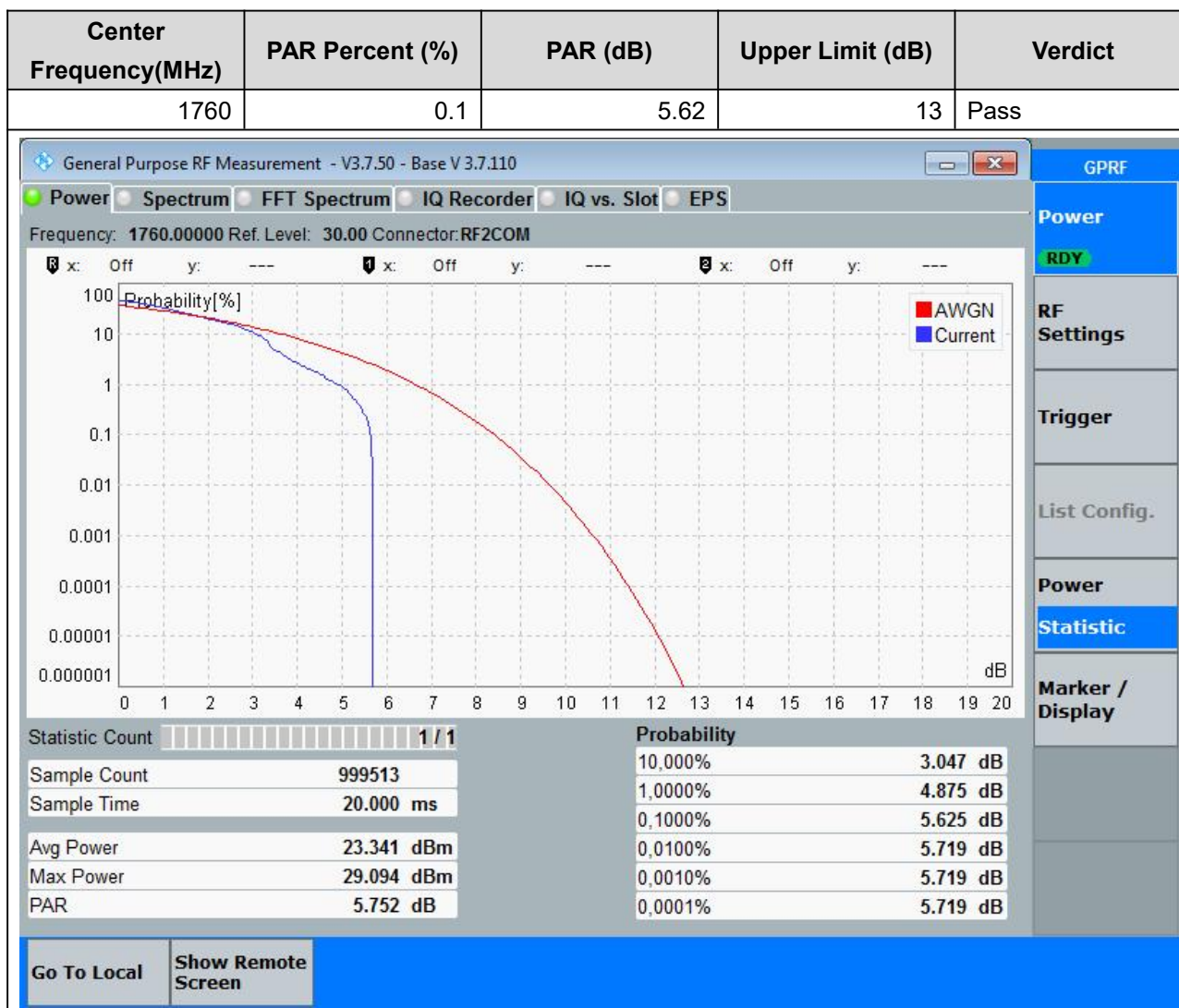
1.23 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)



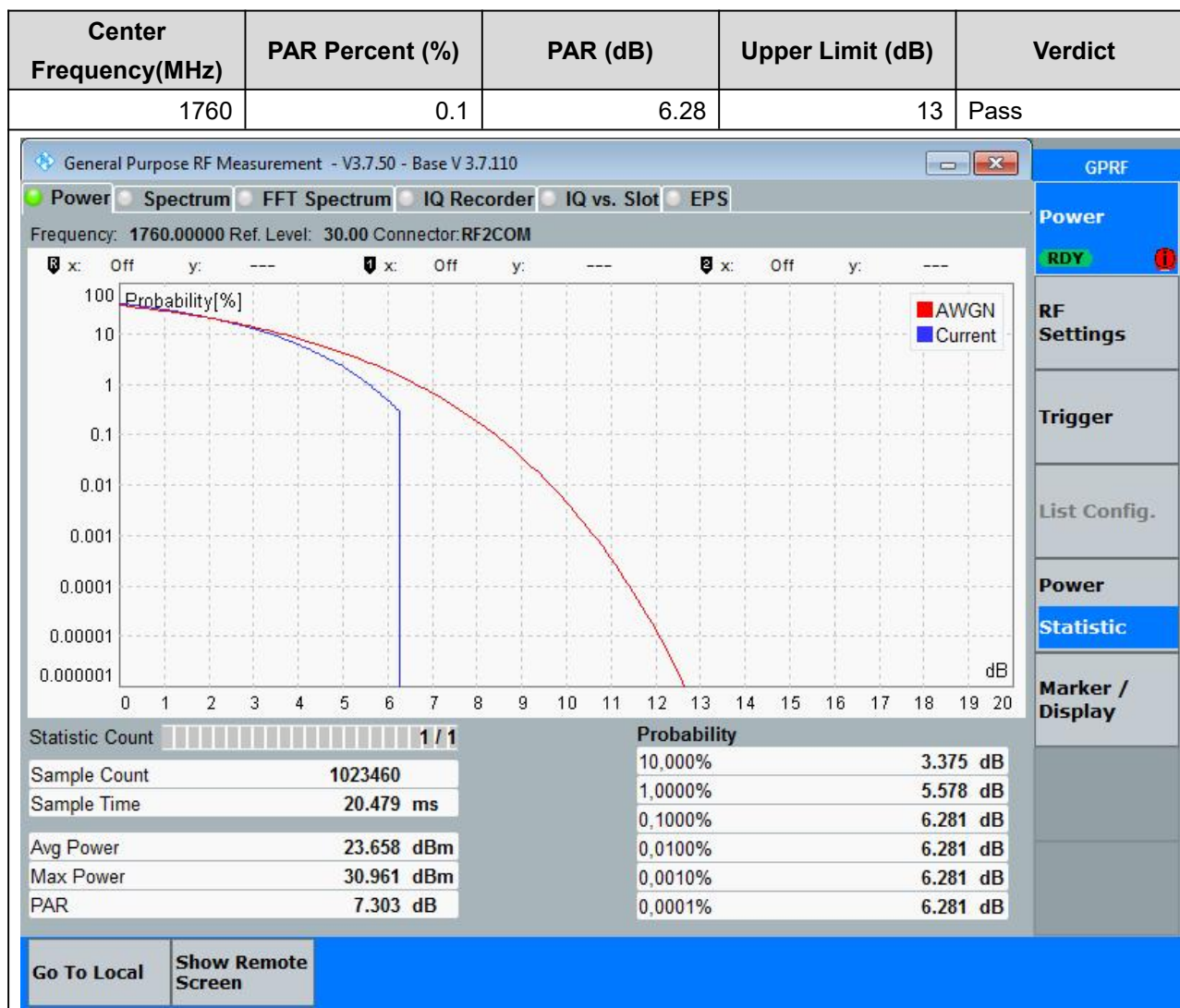
1.24 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)



1.25 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:1, RB Position:0)



1.26 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)



1.27 Peak to Average Ratio for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:DFT-s-OFDM, Modulation:64QAM, RB Number:1, RB Position:0)

