

Peak to Average Ratio

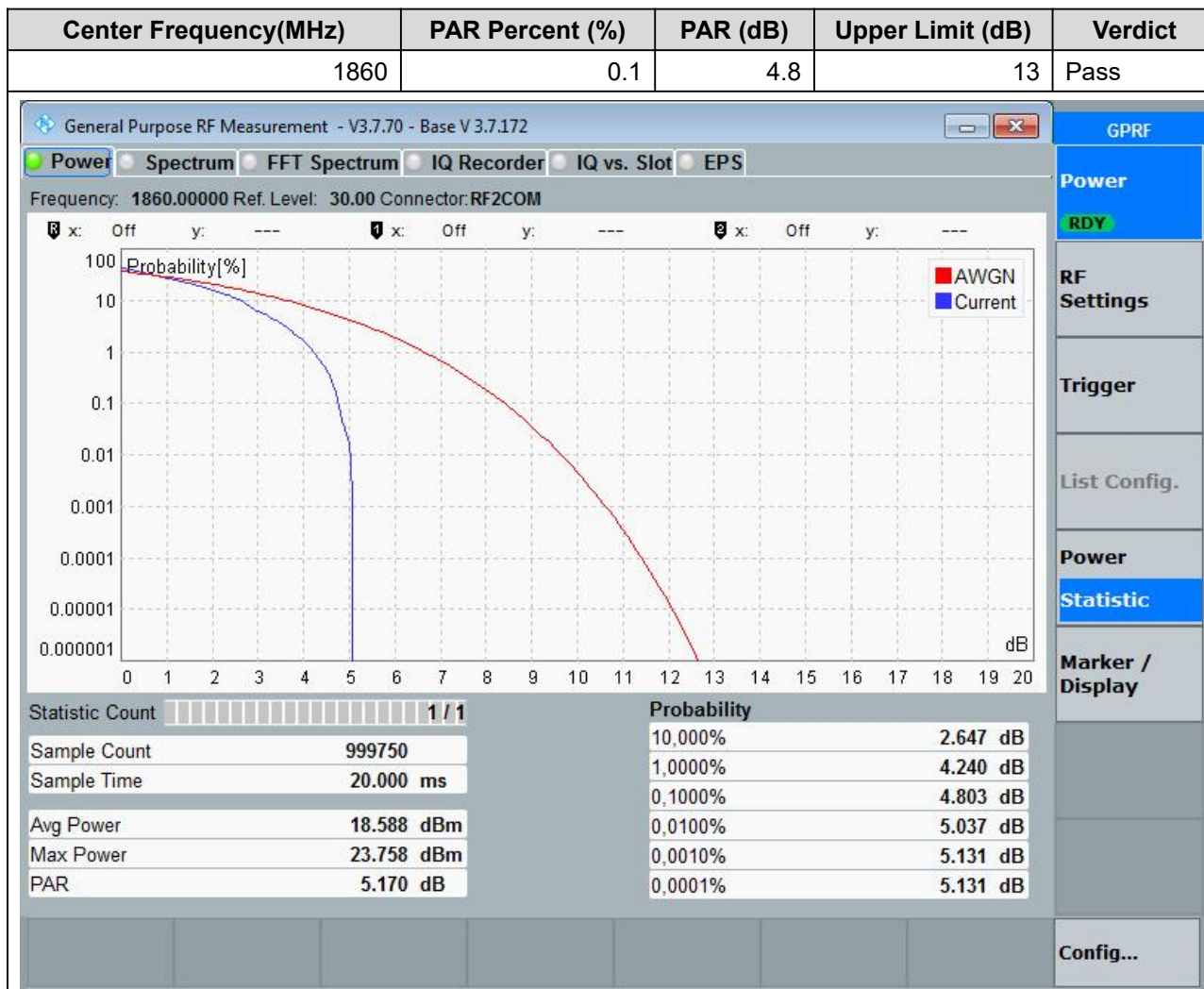
LTE Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
LTE Band 2	20 MHz	LCH	QPSK	RB1#0	4.8	13	Pass
				RB100#0	5.49	13	Pass
			16-QAM	RB1#0	5.43	13	Pass
				RB27#0	6.46	13	Pass
		MCH	QPSK	RB1#0	4.41	13	Pass
				RB100#0	5.5	13	Pass
			16-QAM	RB1#0	5.22	13	Pass
				RB27#0	5.99	13	Pass
		HCH	QPSK	RB1#0	5.22	13	Pass
				RB100#0	5.44	13	Pass
			16-QAM	RB1#0	6.28	13	Pass
				RB27#0	6.39	13	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	4.58	13	Pass
				RB100#0	5.41	13	Pass
			16-QAM	RB1#0	5.24	13	Pass
				RB27#0	6.23	13	Pass
		MCH	QPSK	RB1#0	4.73	13	Pass
				RB100#0	5.45	13	Pass
			16-QAM	RB1#0	5.52	13	Pass
				RB27#0	6.07	13	Pass
		HCH	QPSK	RB1#0	4.7	13	Pass
				RB100#0	5.54	13	Pass
			16-QAM	RB1#0	5.77	13	Pass
				RB27#0	6.2	13	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	4.7	13	Pass
				RB50#0	5.28	13	Pass
			16-QAM	RB1#0	5.52	13	Pass
				RB50#0	5.9	13	Pass
		MCH	QPSK	RB1#0	4.36	13	Pass
				RB50#0	5.41	13	Pass
			16-QAM	RB1#0	5.32	13	Pass
				RB50#0	5.94	13	Pass
		HCH	QPSK	RB1#0	4.86	13	Pass
				RB50#0	5.45	13	Pass

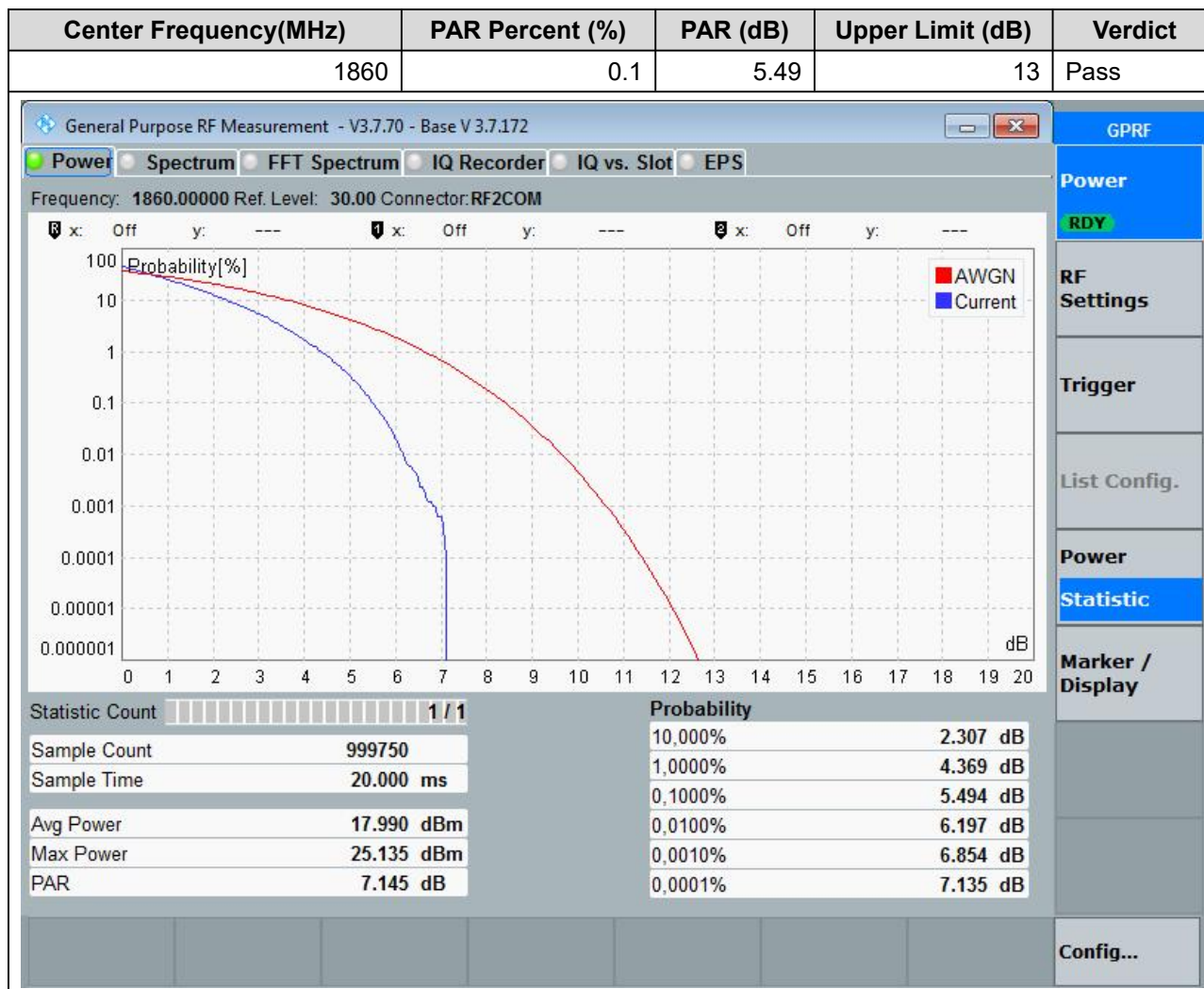
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
LTE Band 7	20 MHz		16-QAM	RB1#0	5.5	13	Pass
				RB50#0	6.19	13	Pass
		LCH	QPSK	RB1#0	5.11	13	Pass
				RB100#0	5.55	13	Pass
			16-QAM	RB1#0	5.58	13	Pass
				RB27#0	6.37	13	Pass
		MCH	QPSK	RB1#0	5.41	13	Pass
				RB100#0	5.6	13	Pass
			16-QAM	RB1#0	6.1	13	Pass
				RB27#0	6.43	13	Pass
		HCH	QPSK	RB1#0	5.52	13	Pass
				RB100#0	5.56	13	Pass
			16-QAM	RB1#0	6.59	13	Pass
				RB27#0	6.37	13	Pass

1. LTE_Band2

1.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

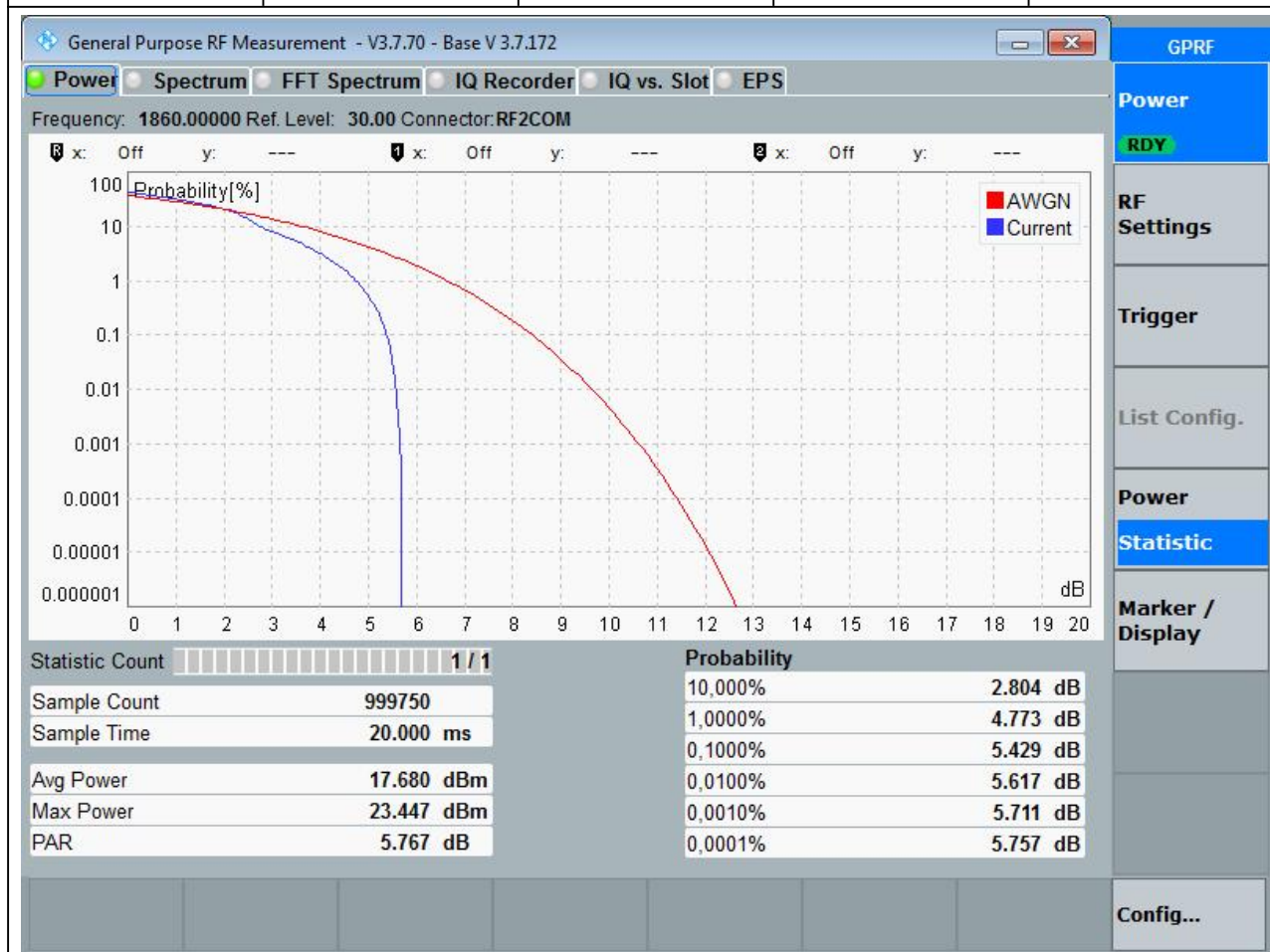


1.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



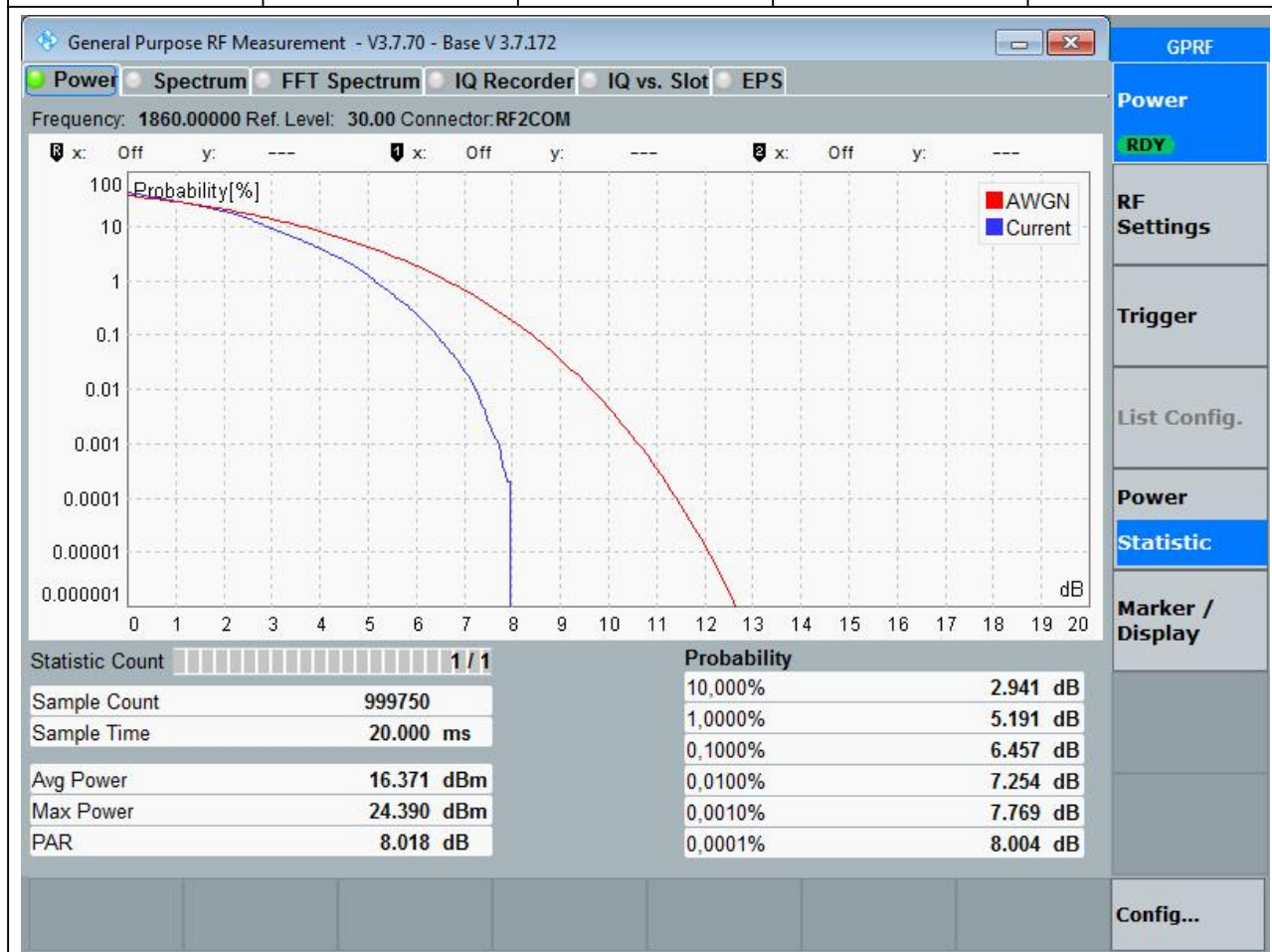
1.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	5.43	13	Pass



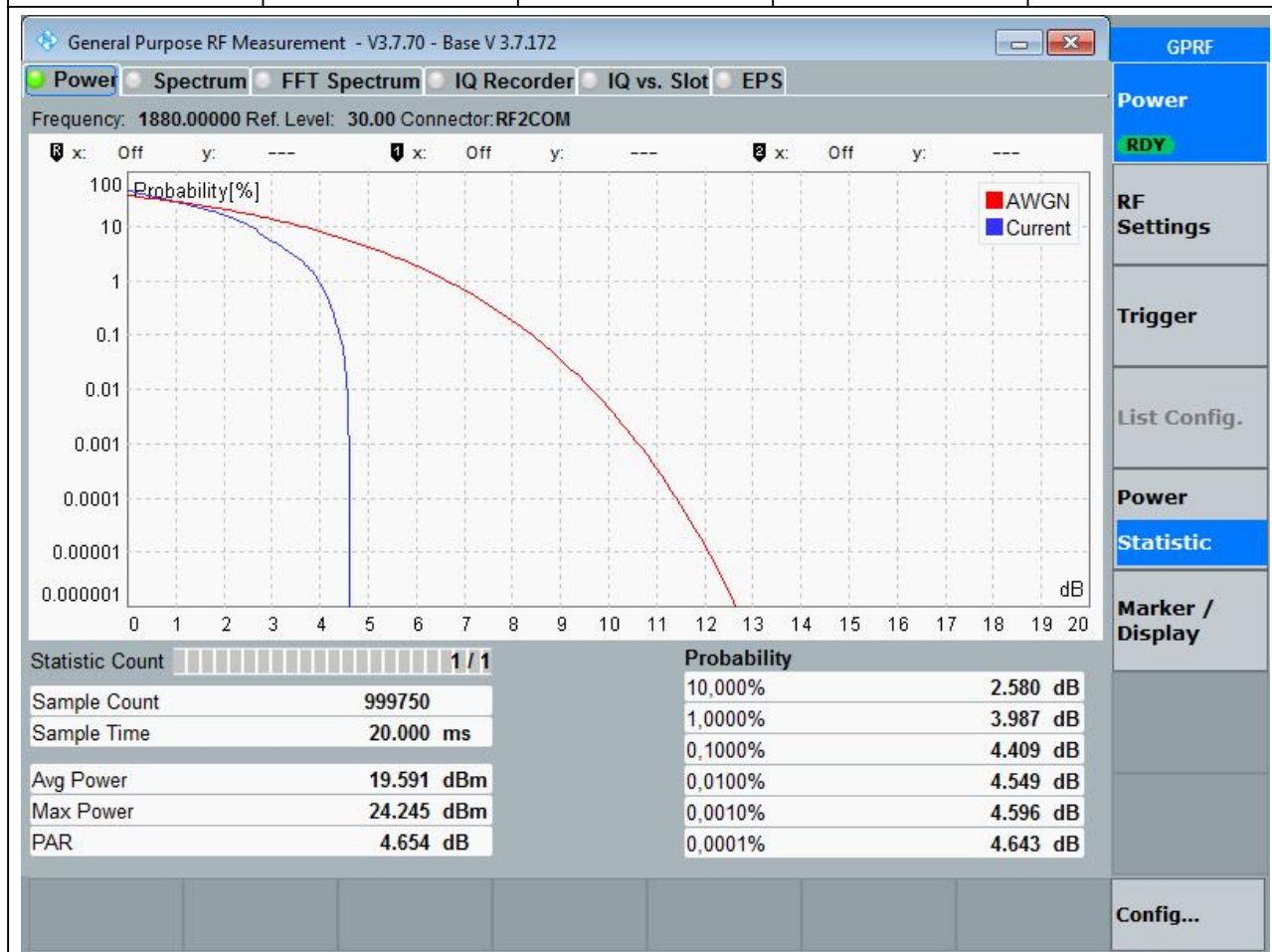
1.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	6.46	13	Pass



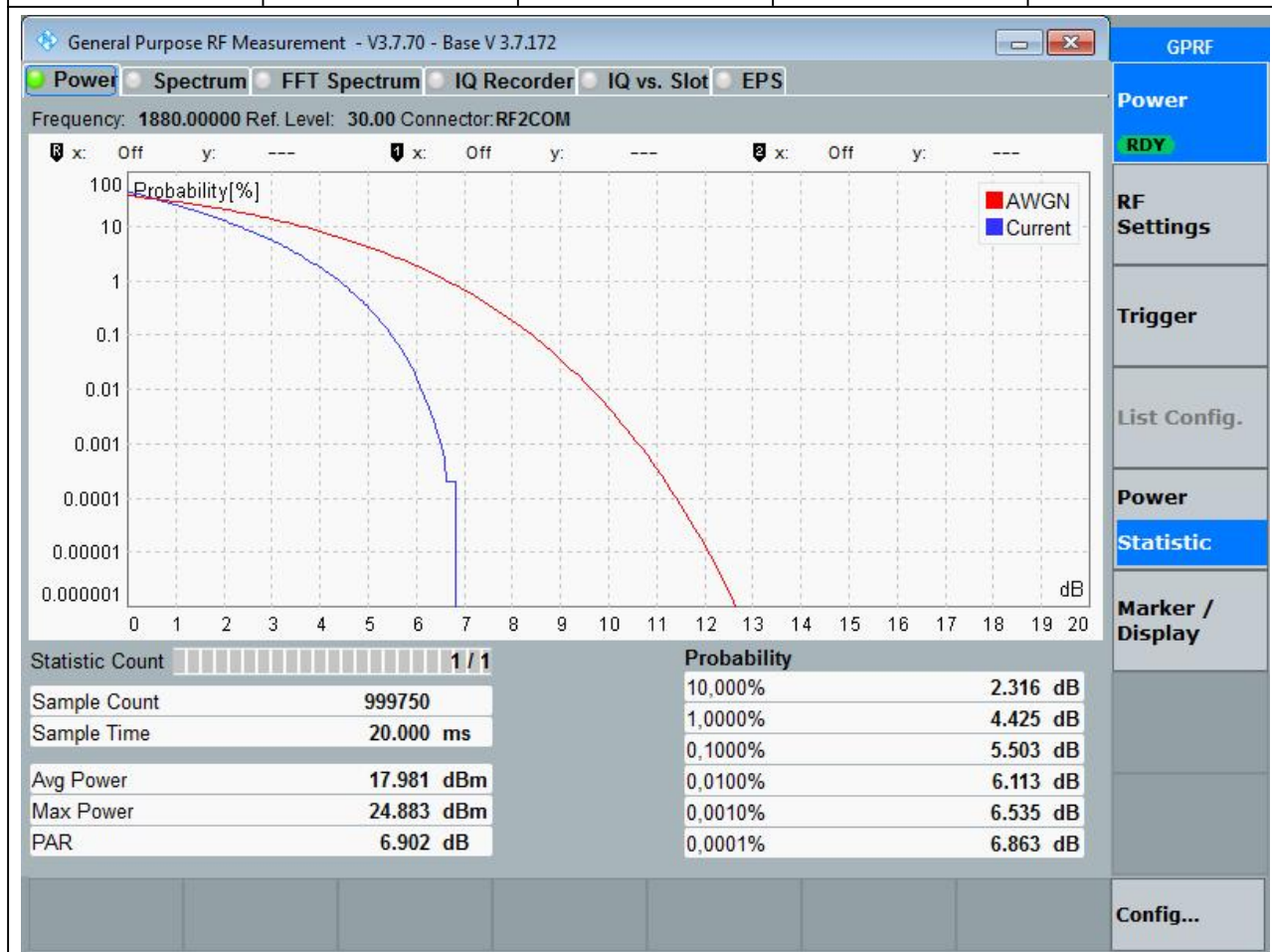
1.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.41	13	Pass



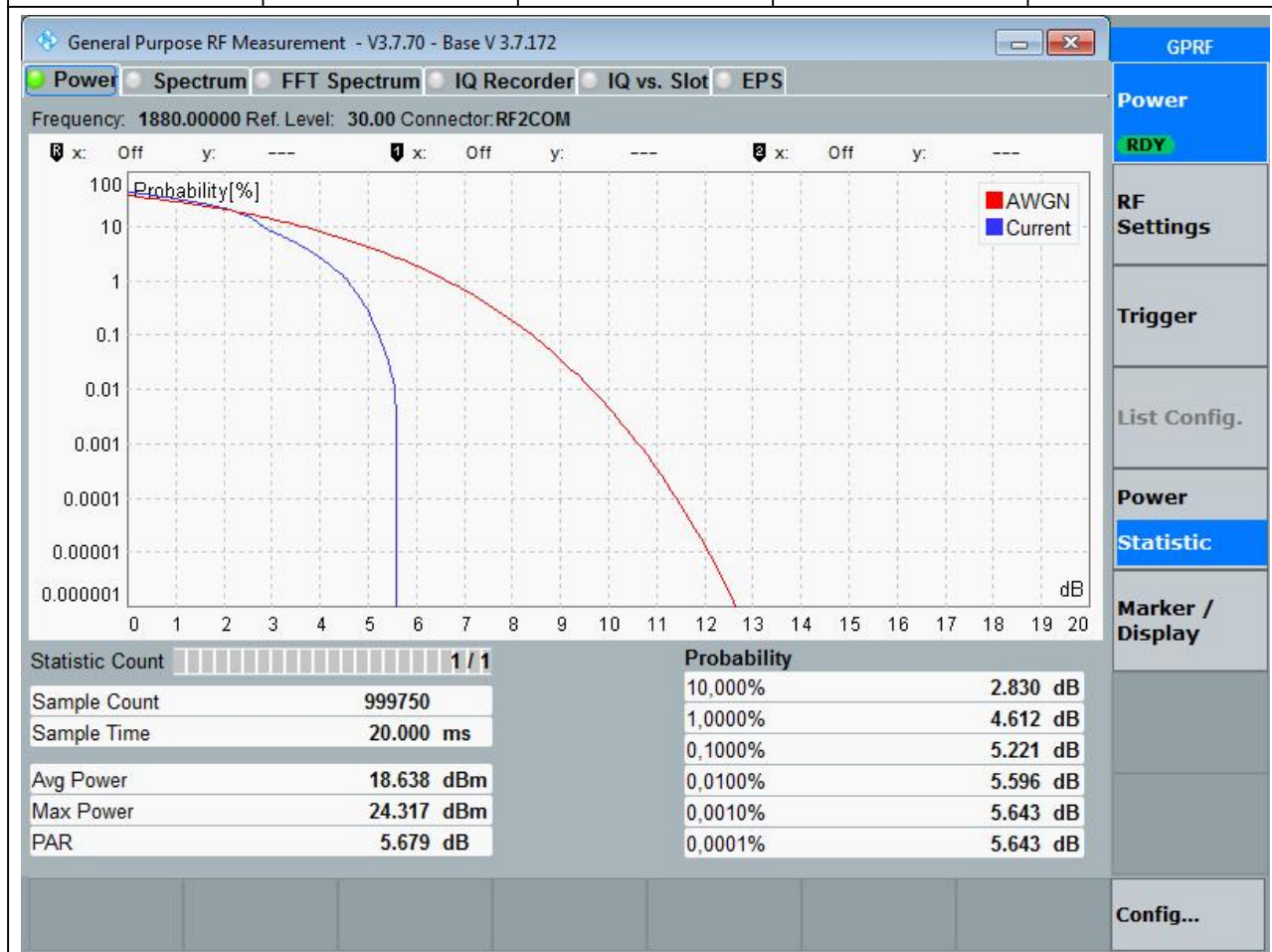
1.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.5	13	Pass



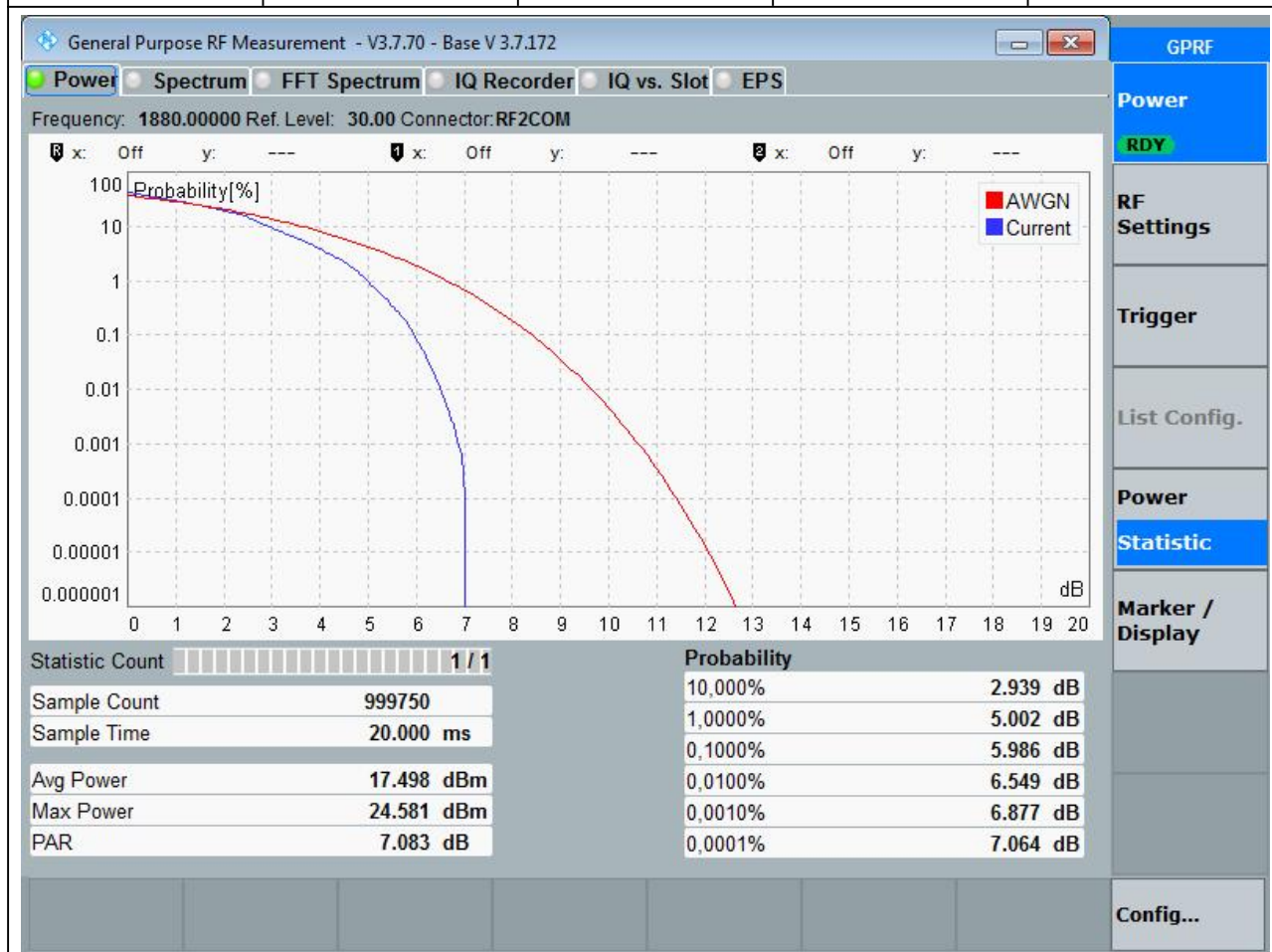
1.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.22	13	Pass



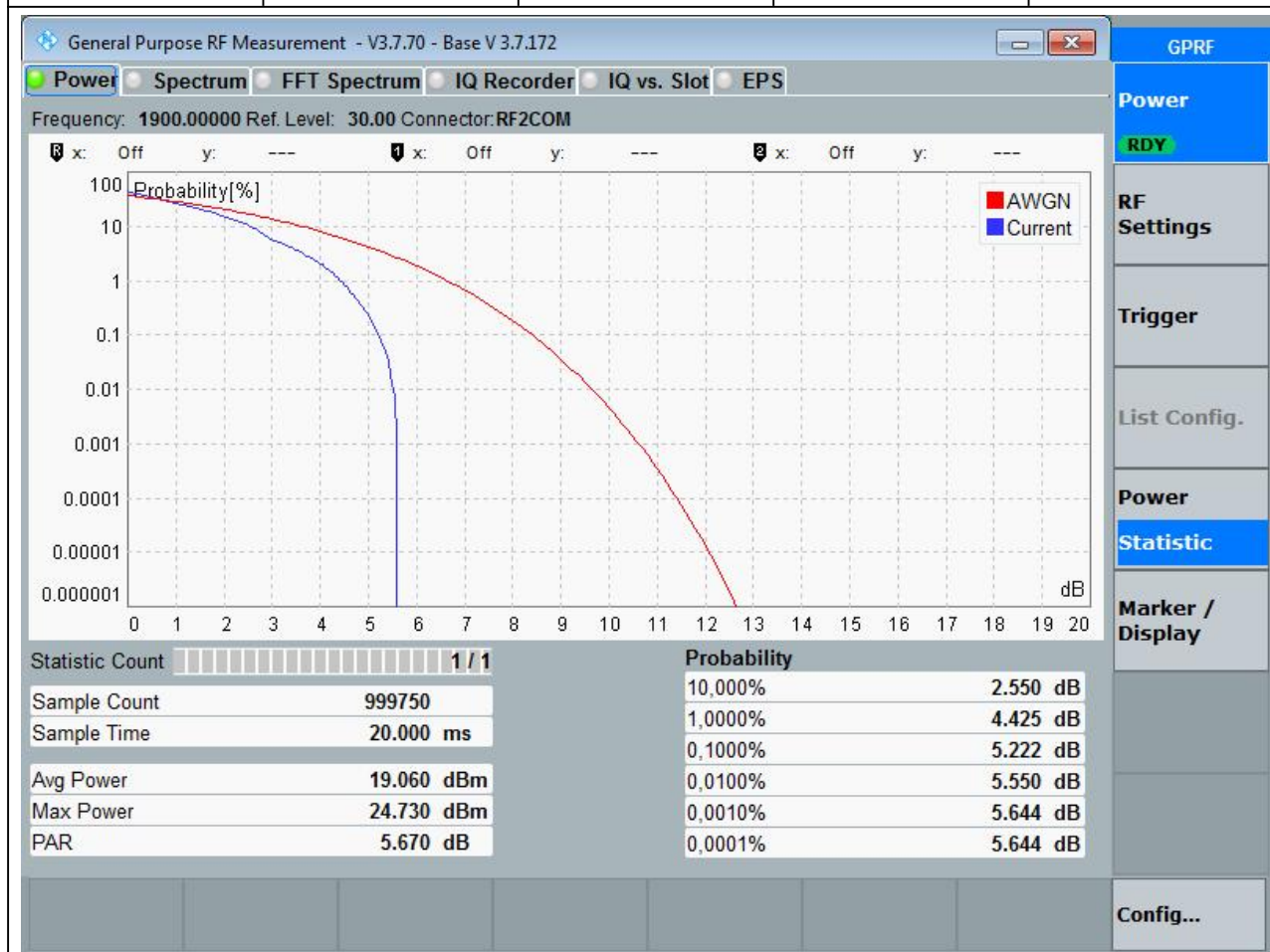
1.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.99	13	Pass



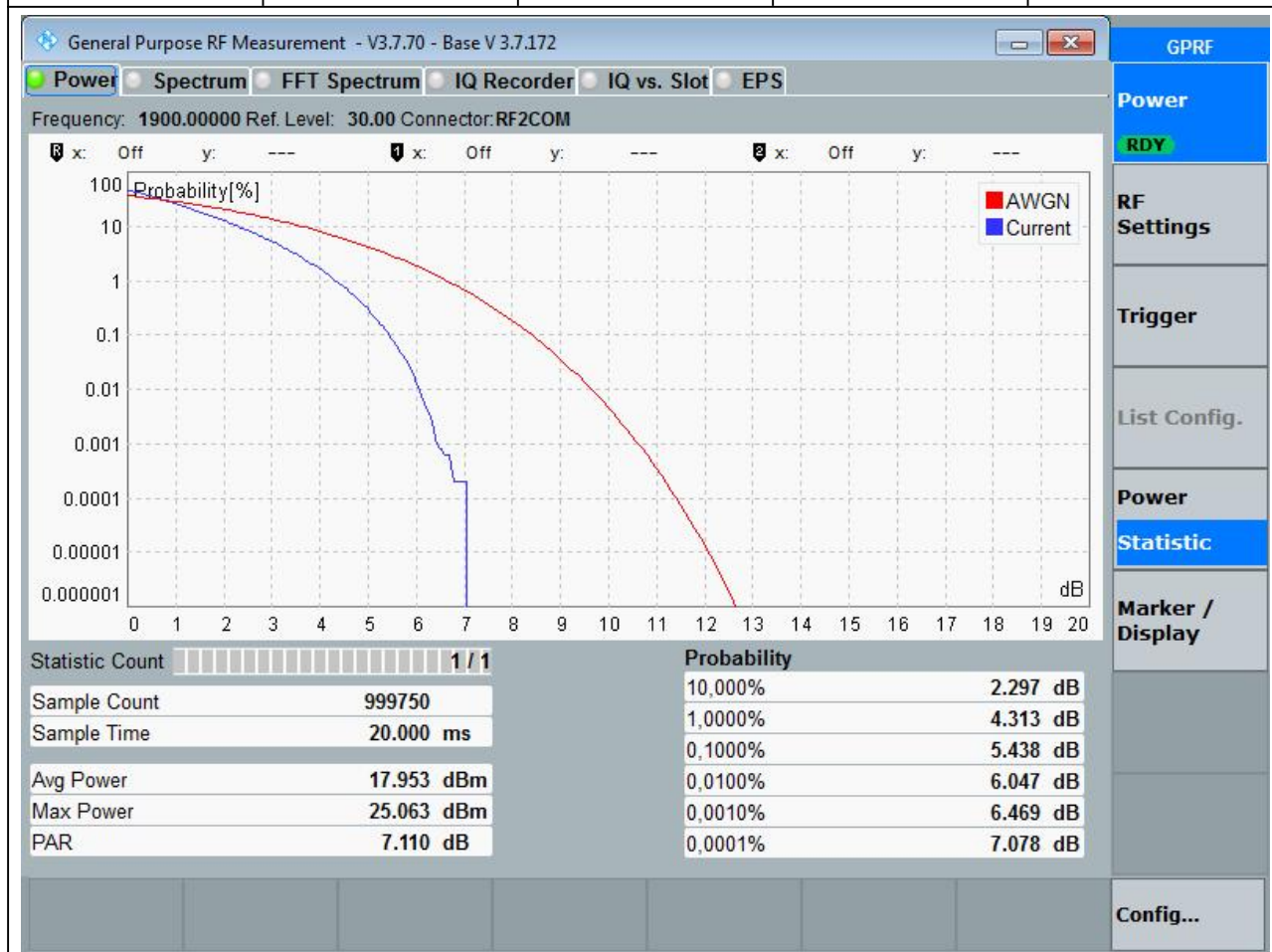
1.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	5.22	13	Pass



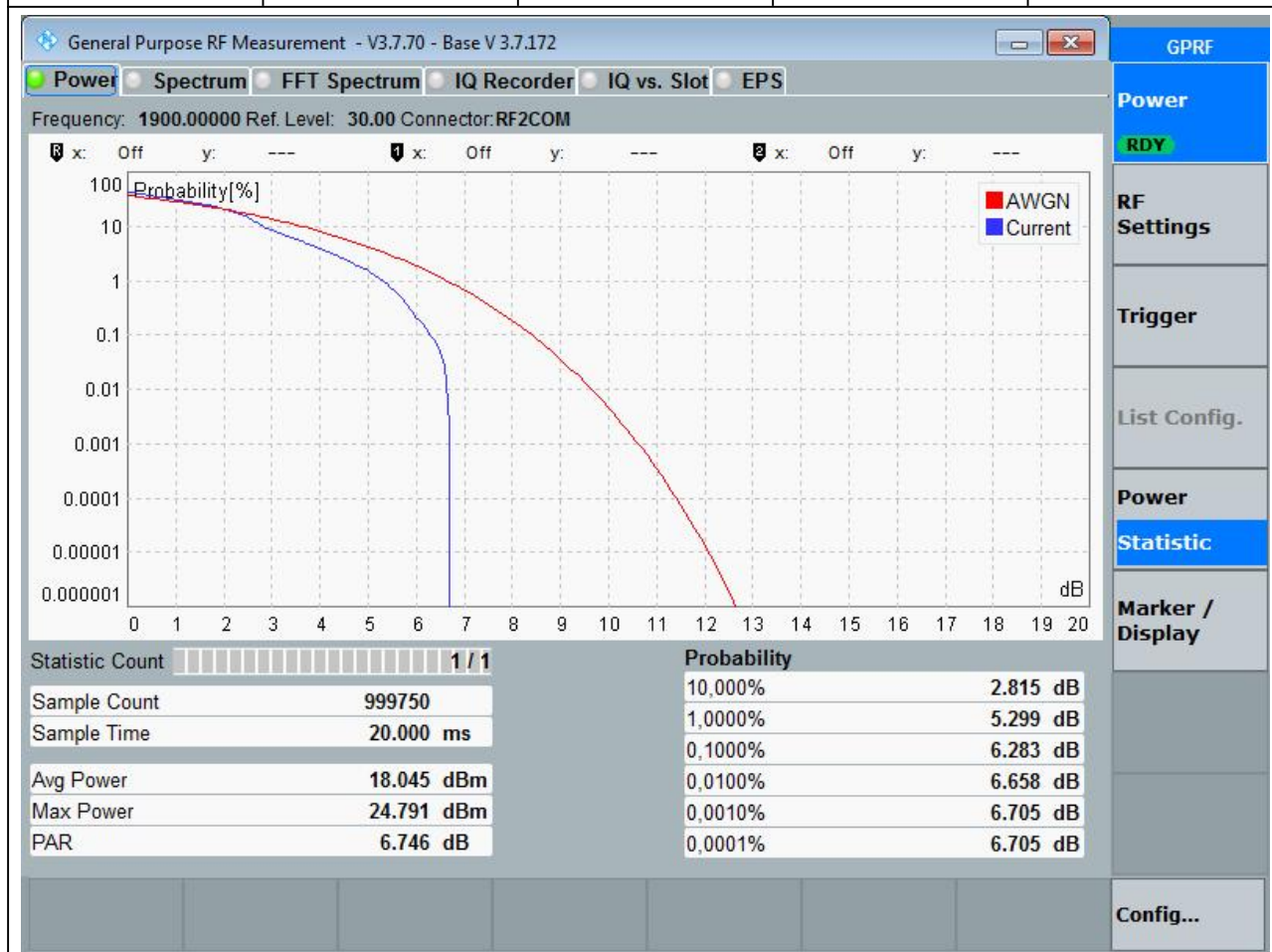
1.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	5.44	13	Pass



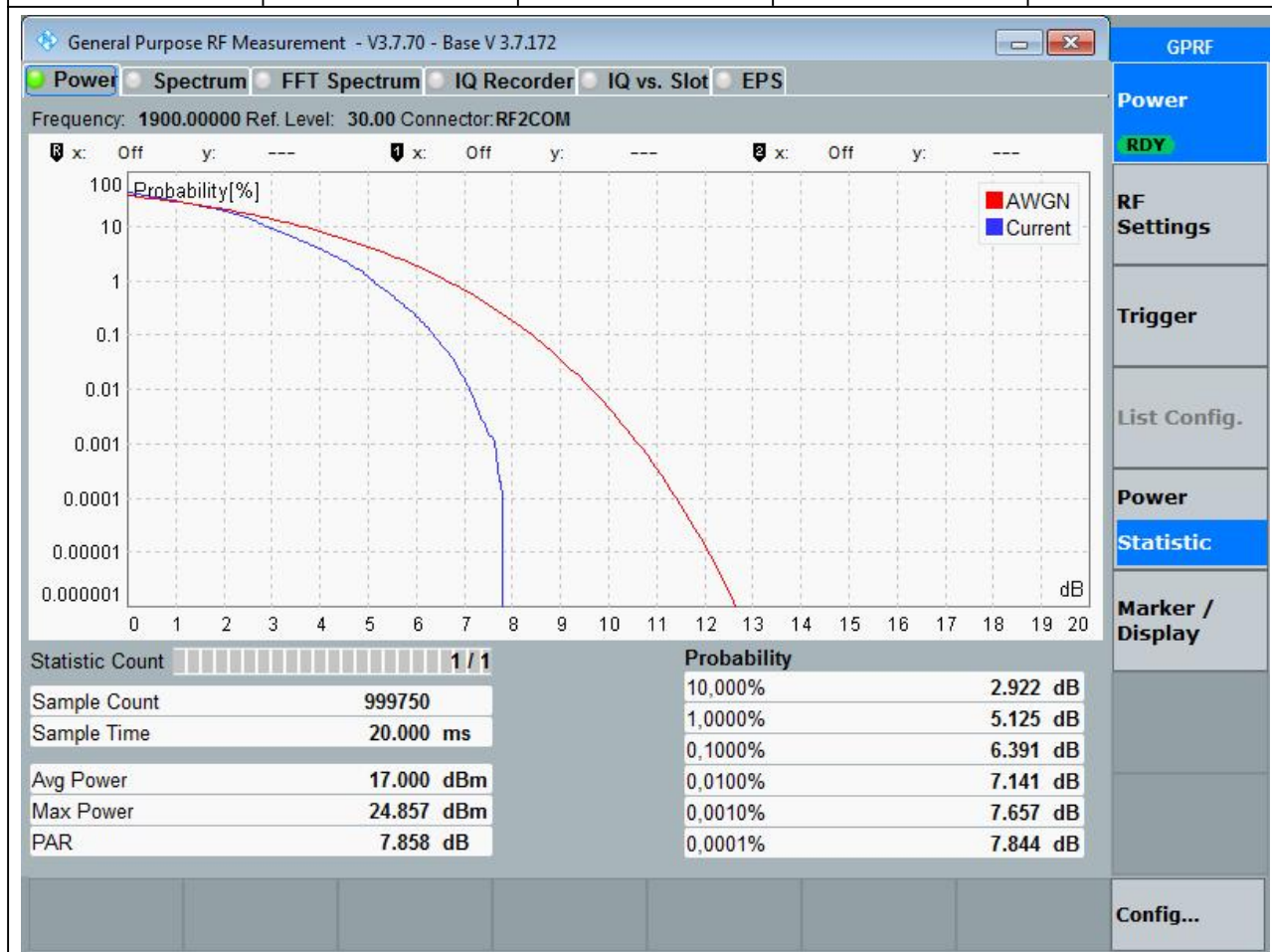
1.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	6.28	13	Pass



1.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	6.39	13	Pass



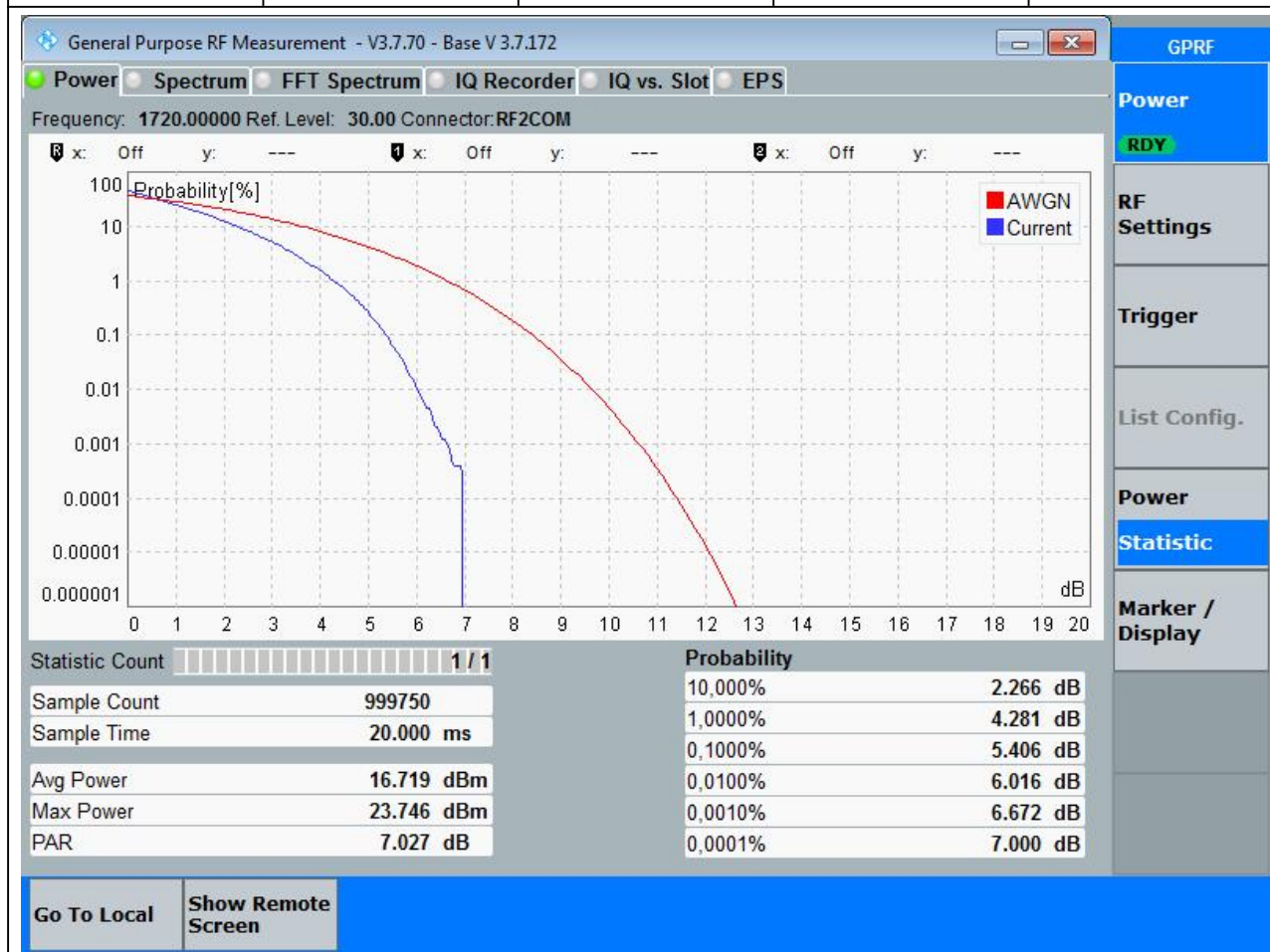
2. LTE_Band4

2.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)



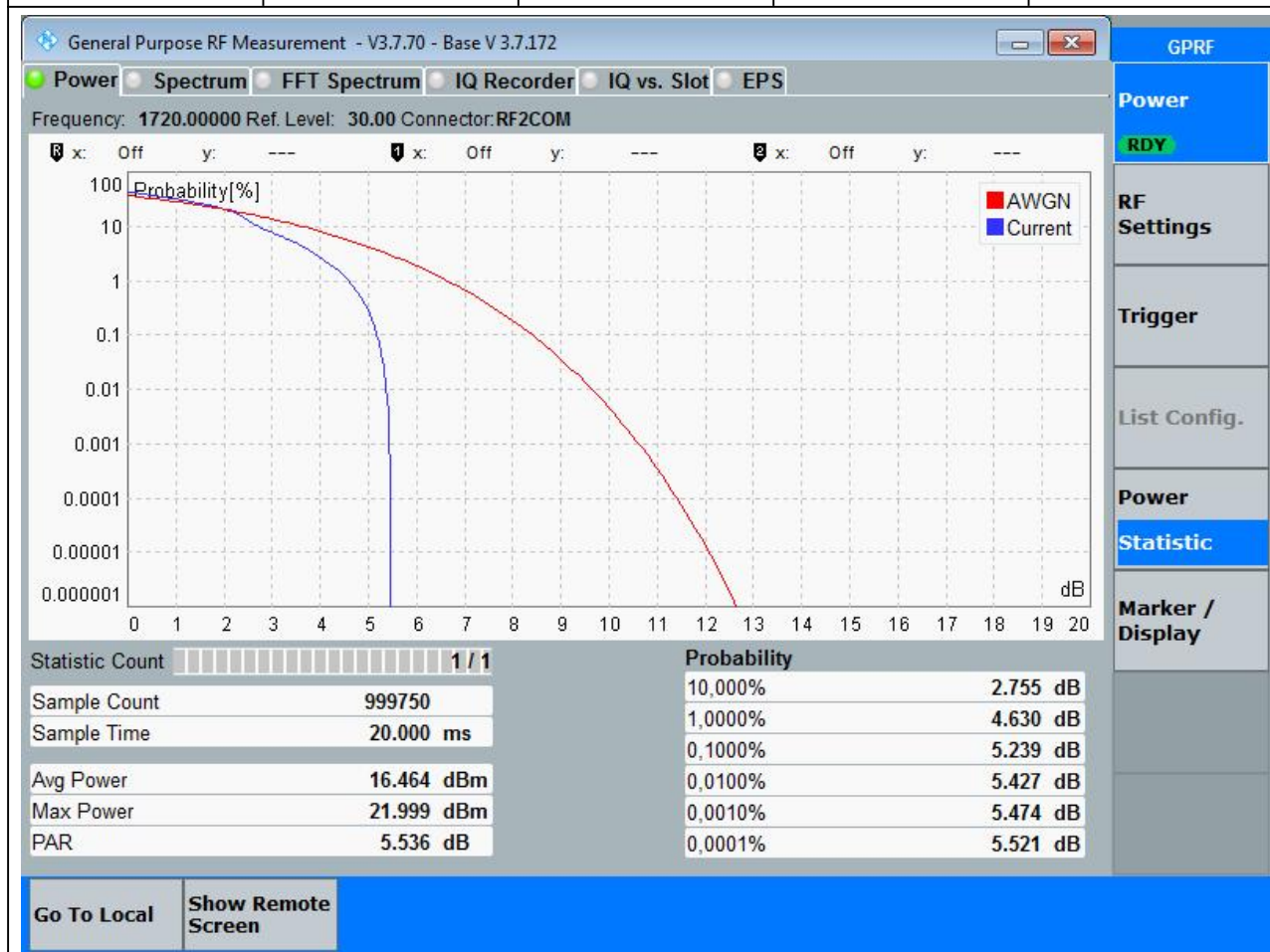
2.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.41	13	Pass



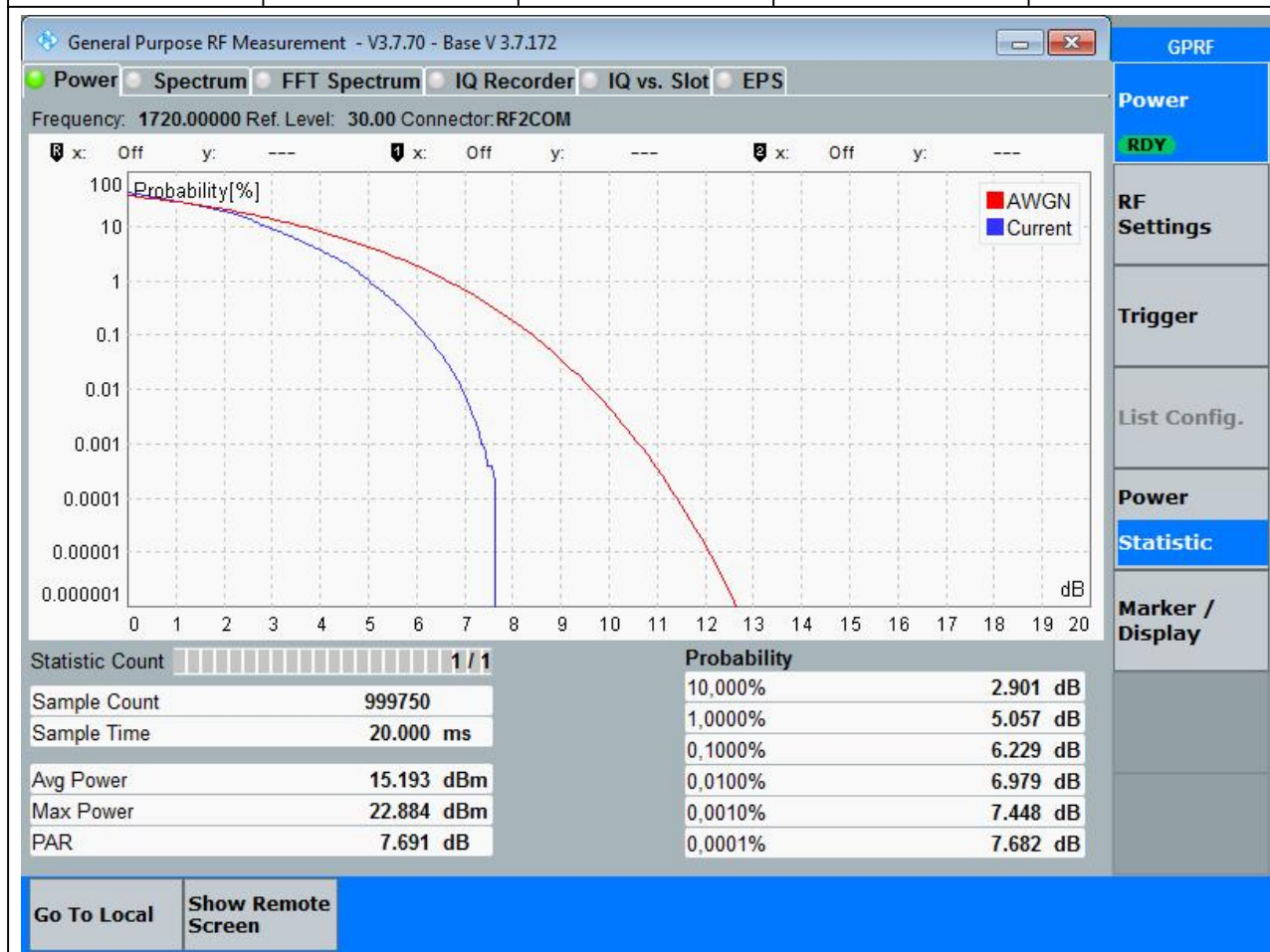
2.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.24	13	Pass



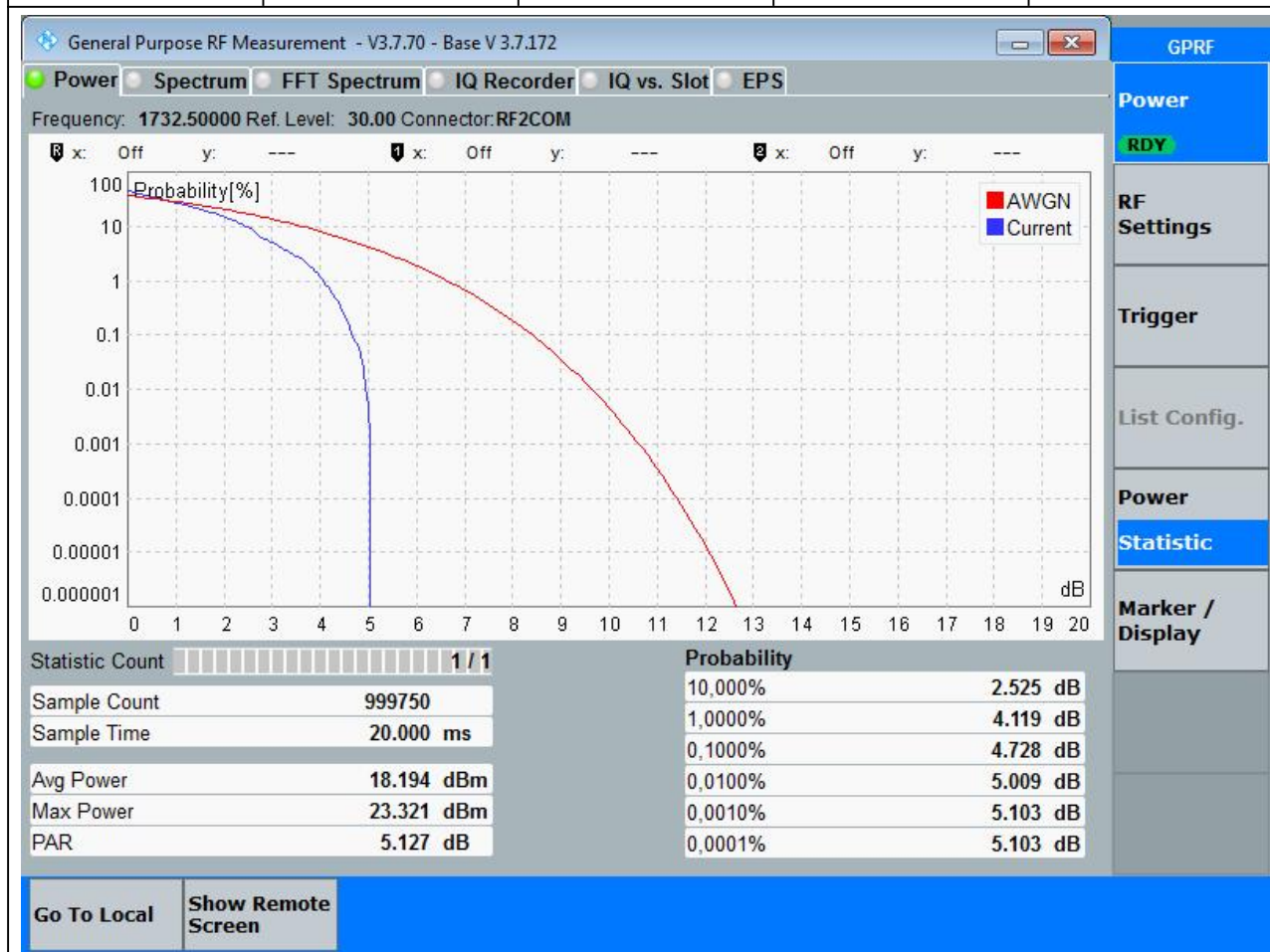
2.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	6.23	13	Pass



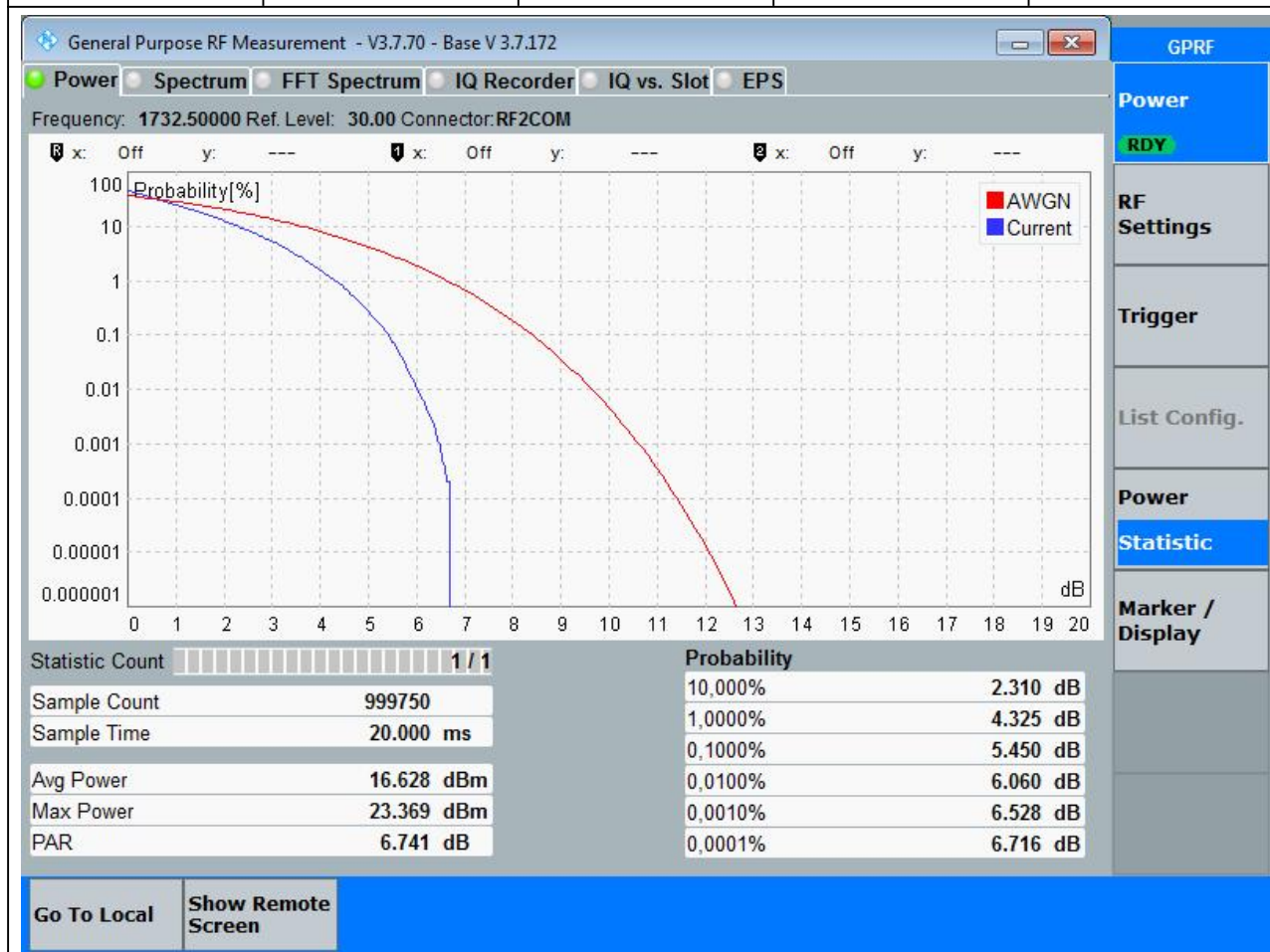
2.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.73	13	Pass



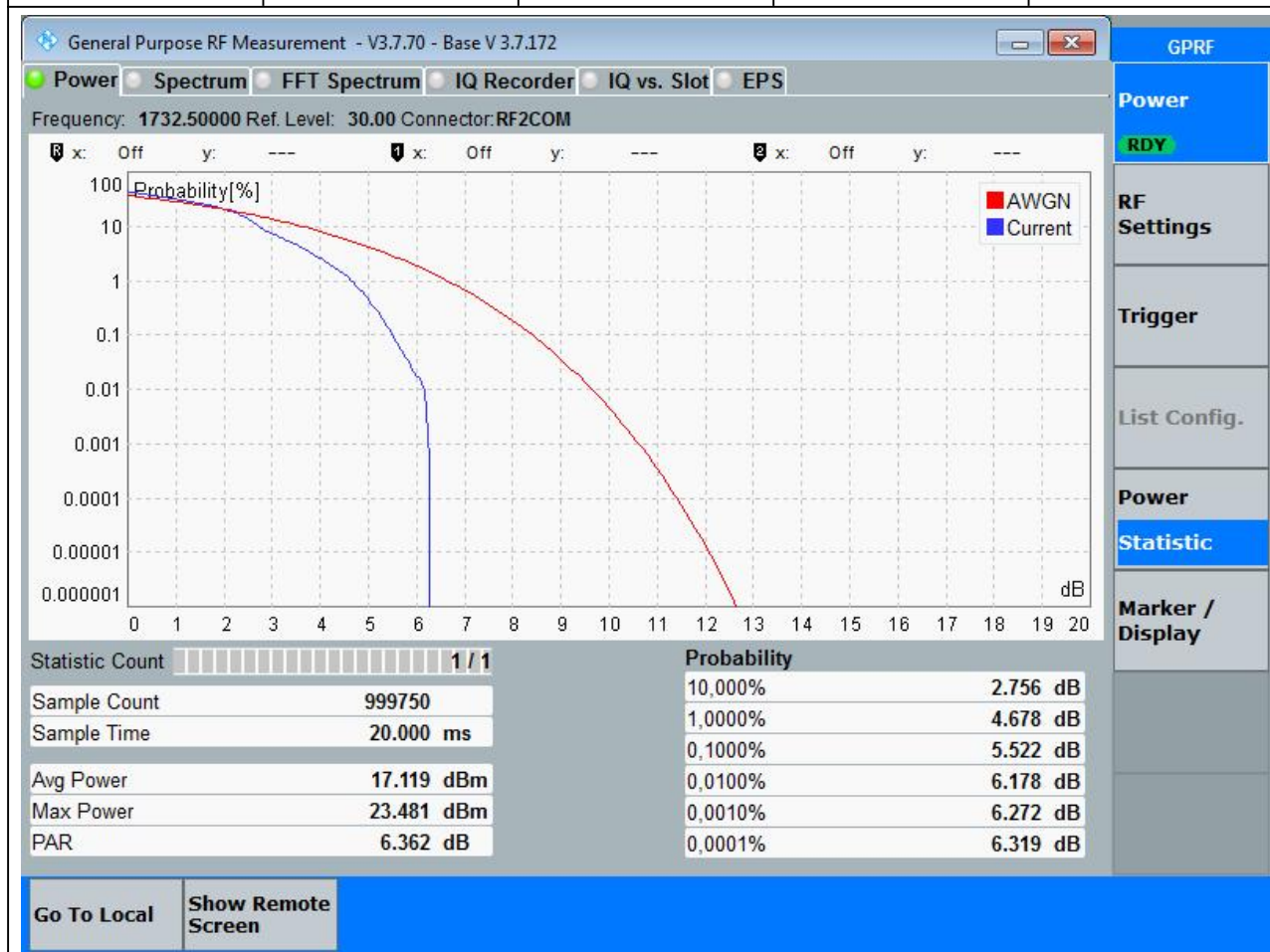
2.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.45	13	Pass



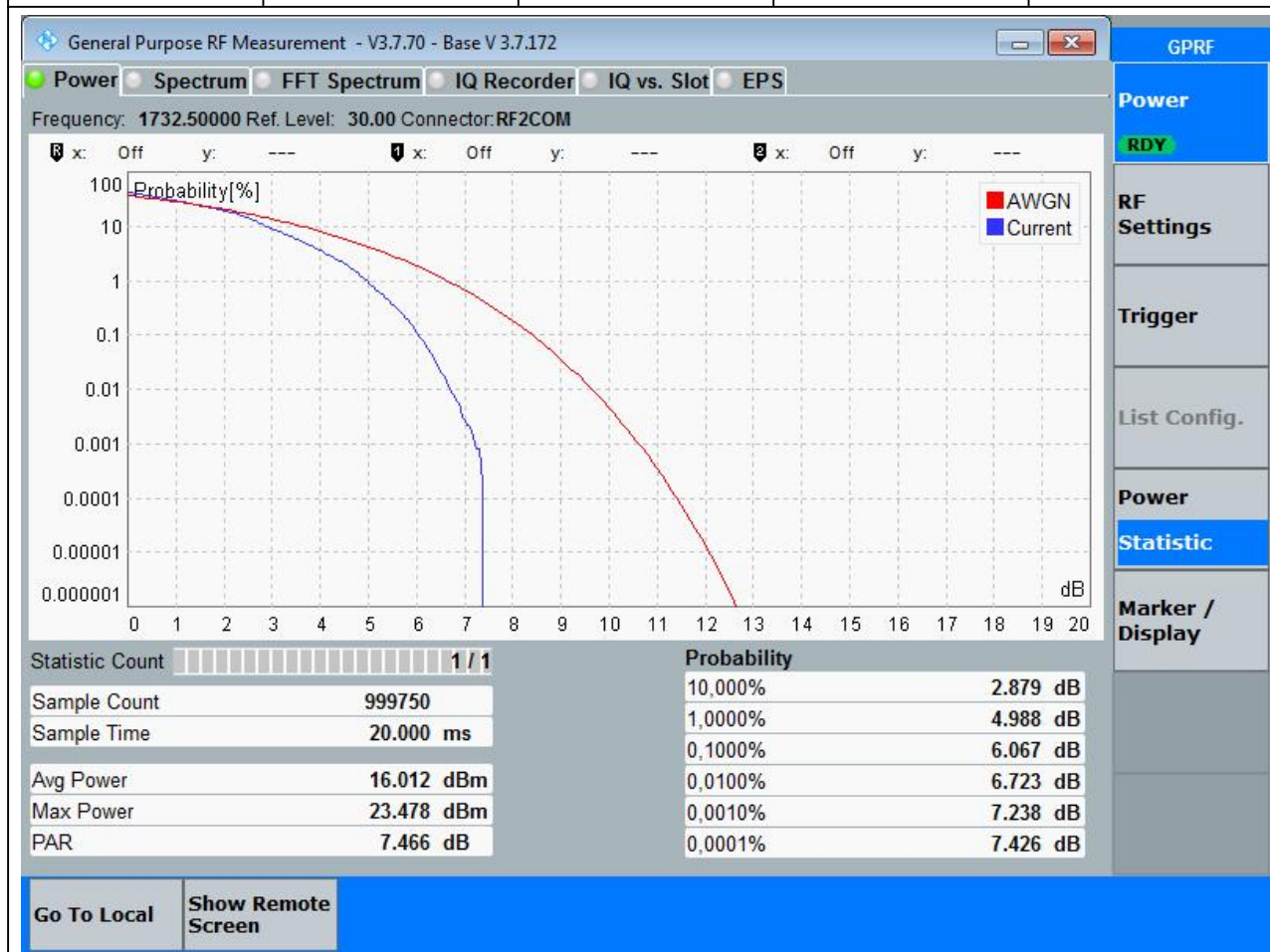
2.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.52	13	Pass



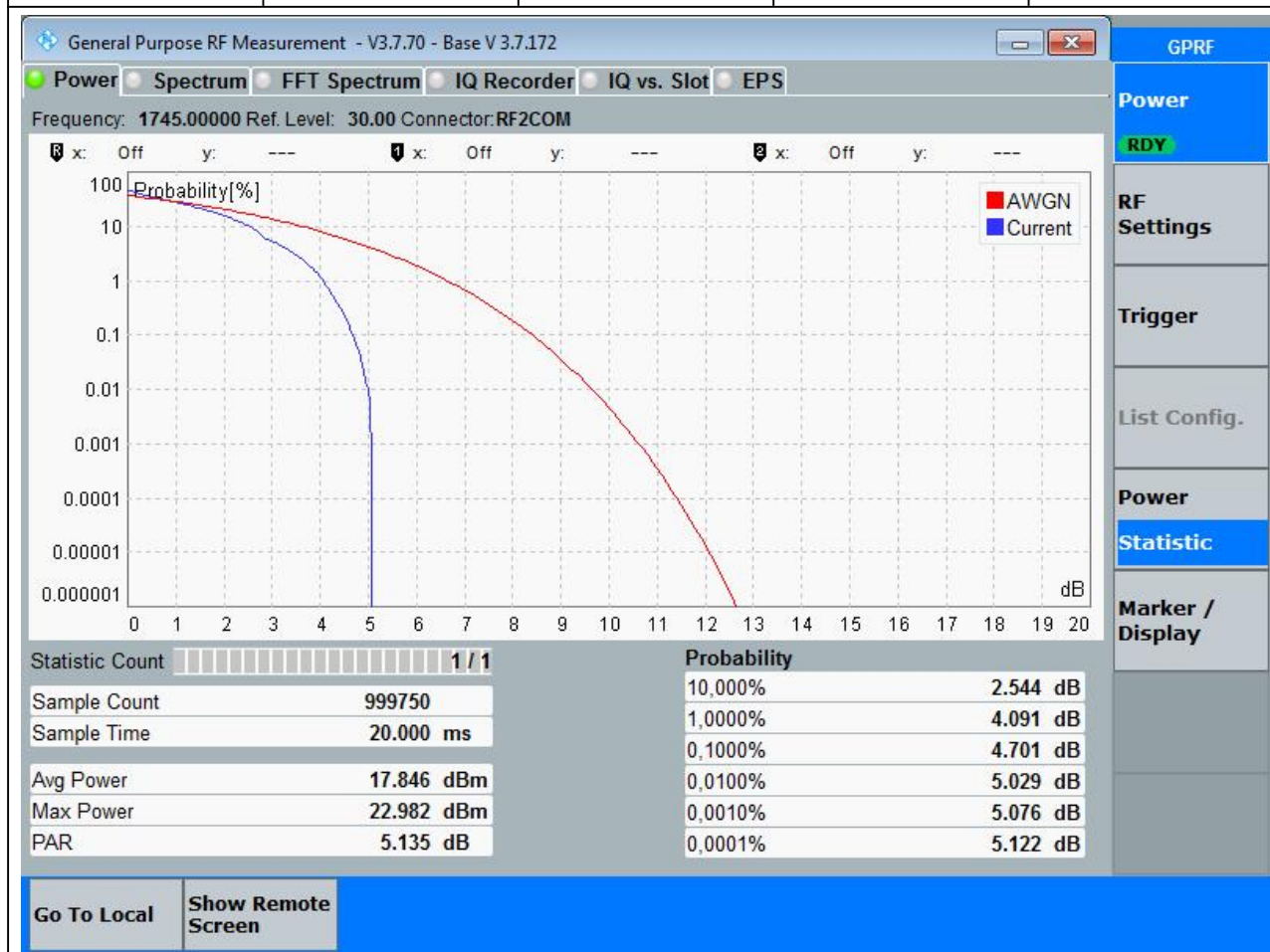
2.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	6.07	13	Pass



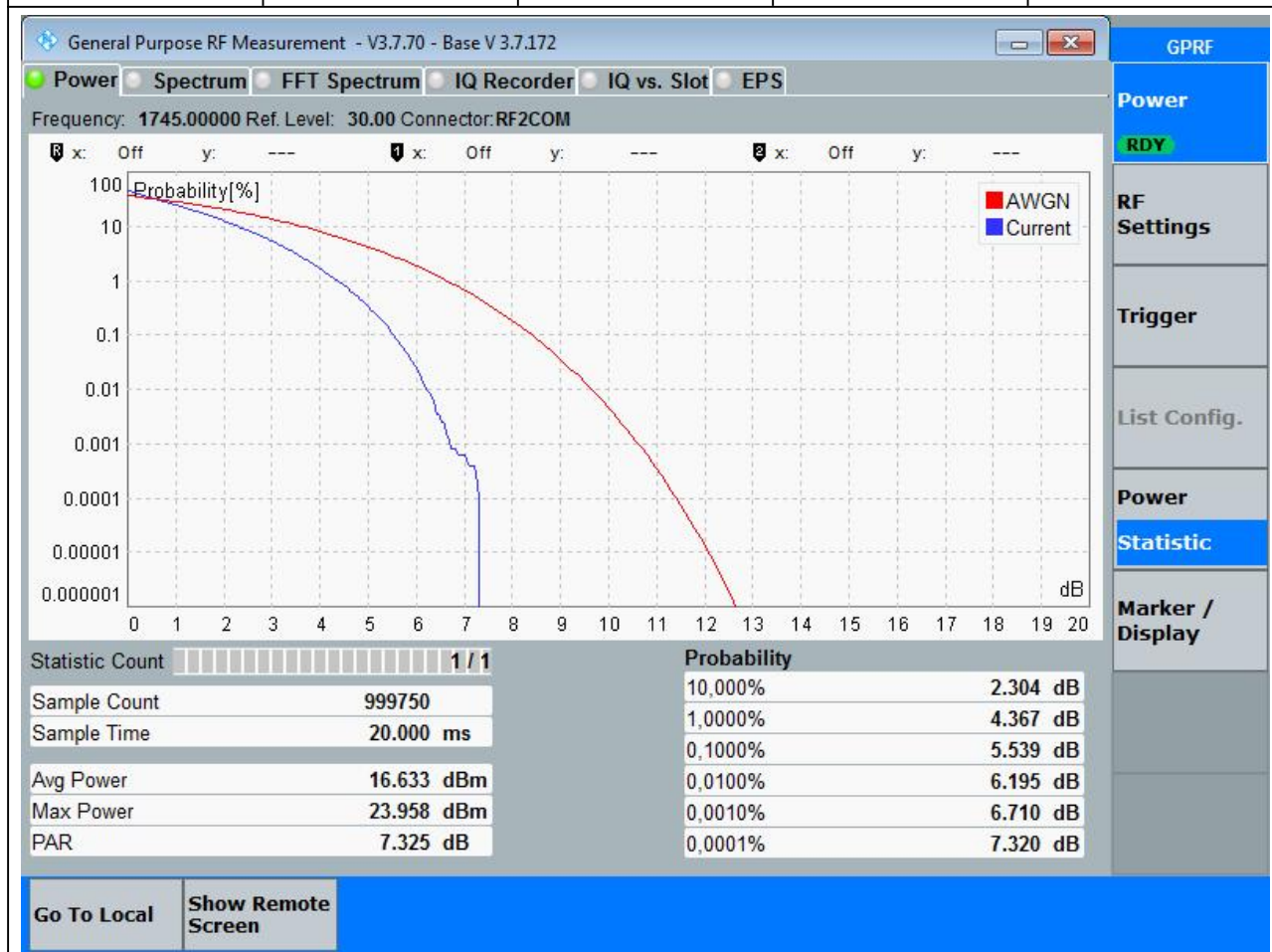
2.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	4.7	13	Pass



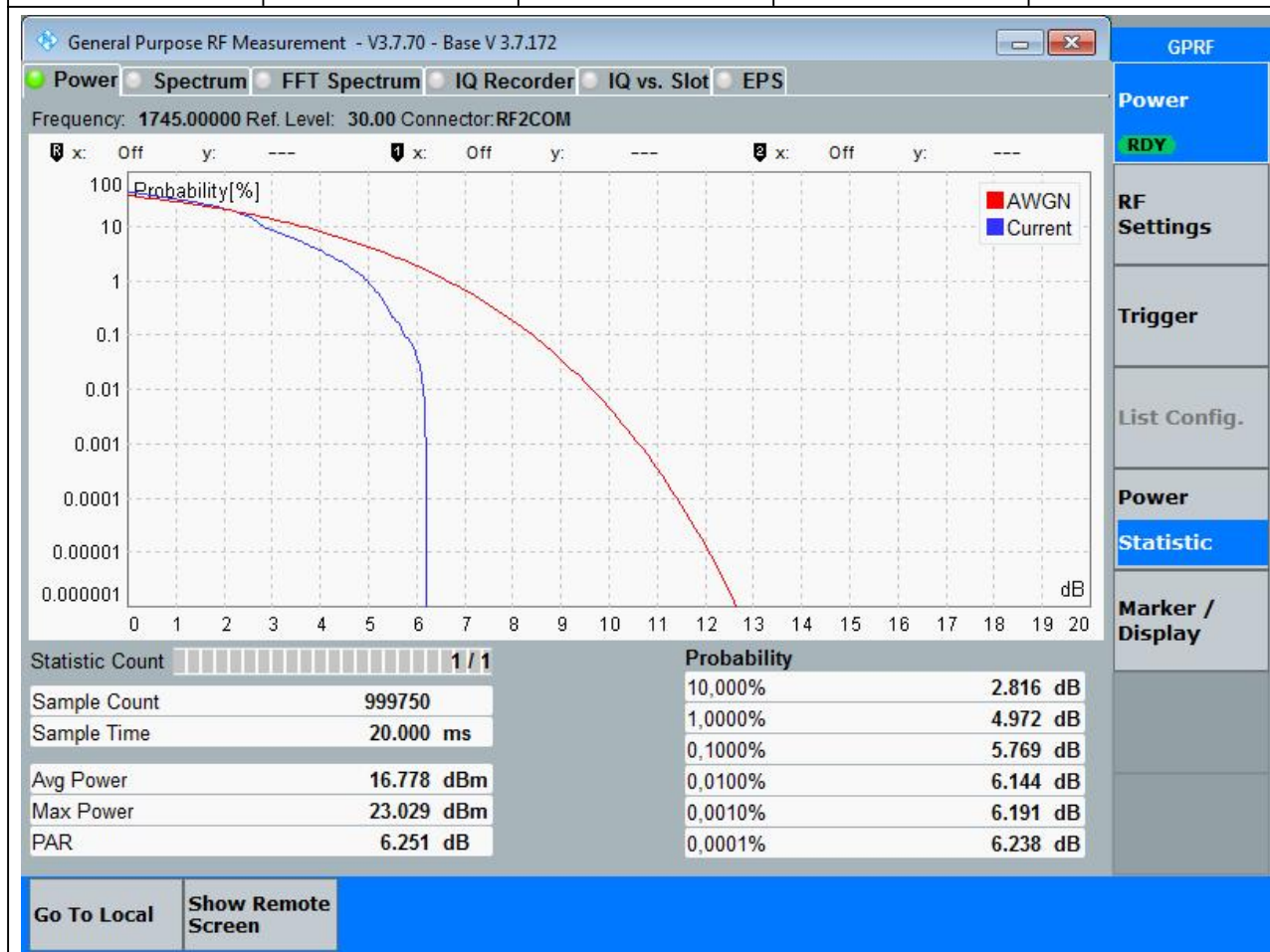
2.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.54	13	Pass



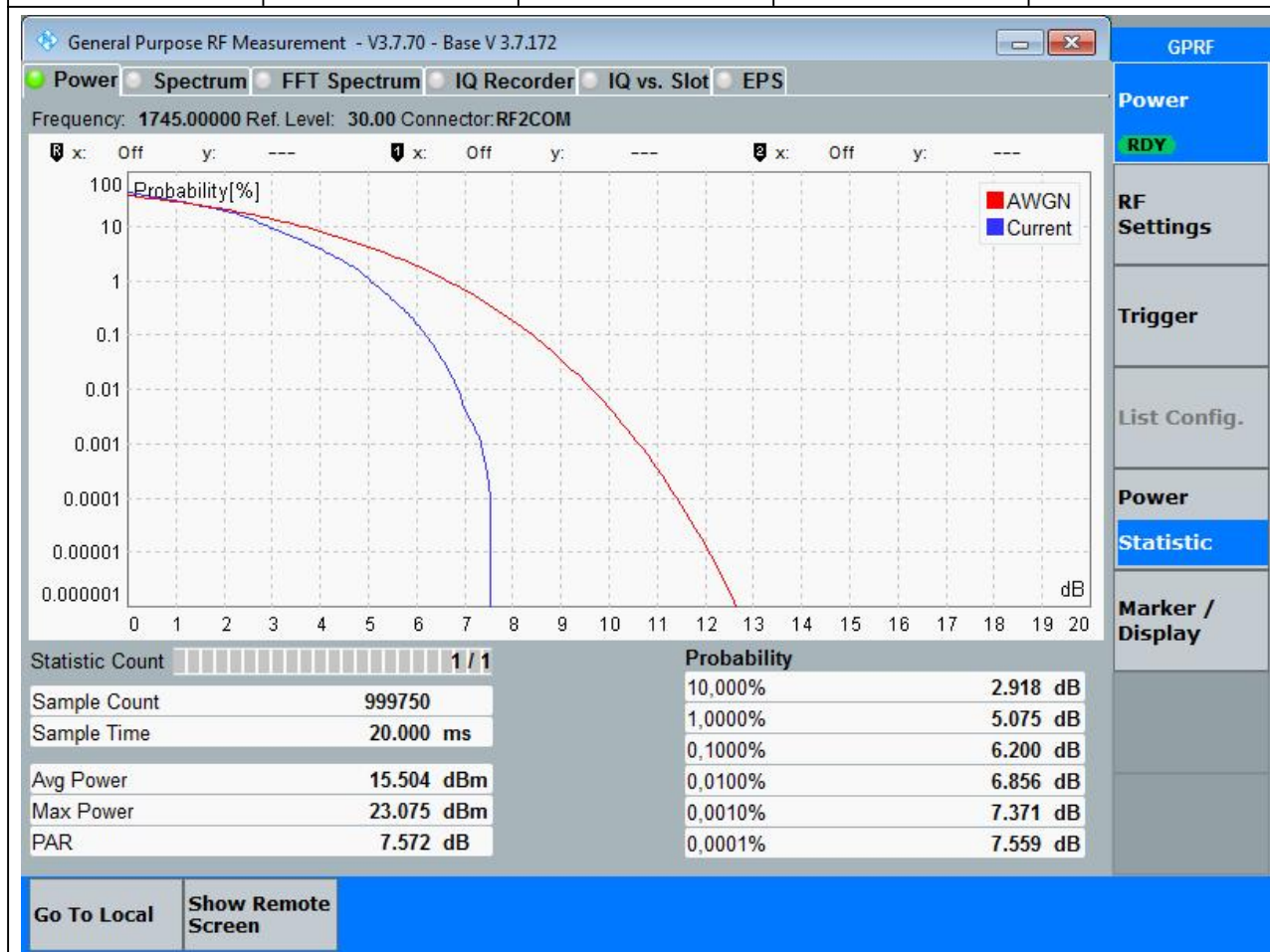
2.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.77	13	Pass



2.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

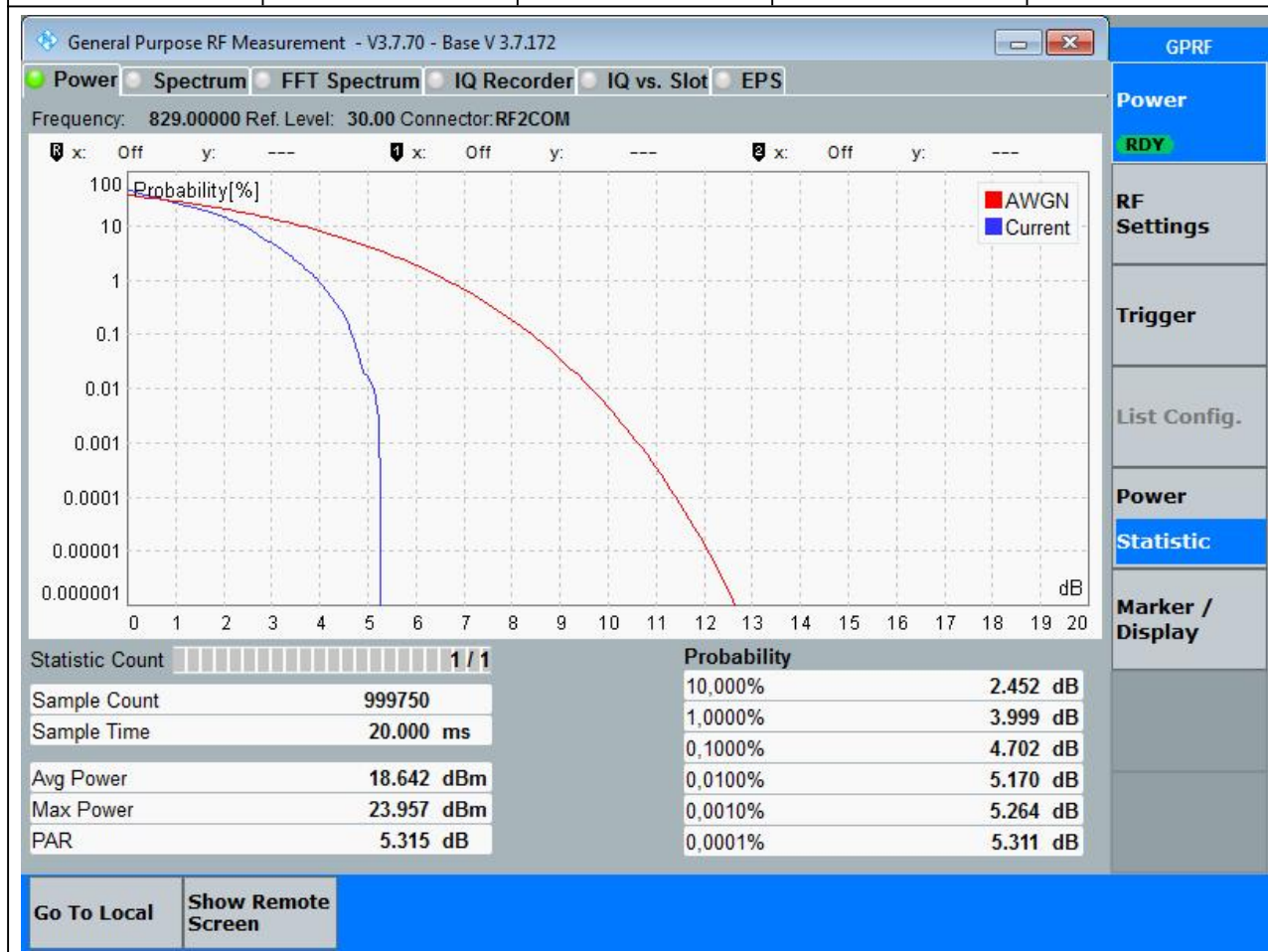
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	6.2	13	Pass



3. LTE_Band5

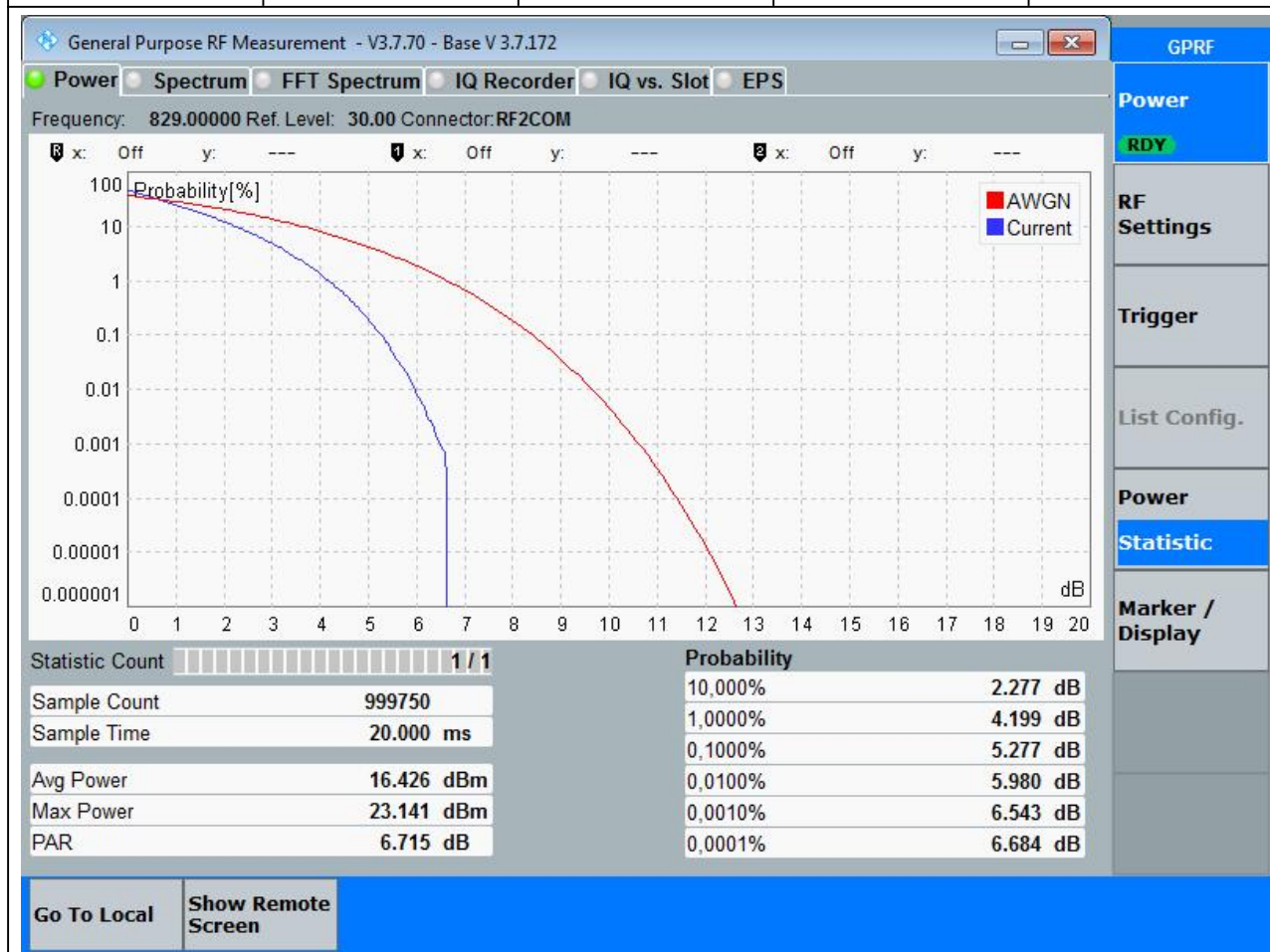
3.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	4.7	13	Pass



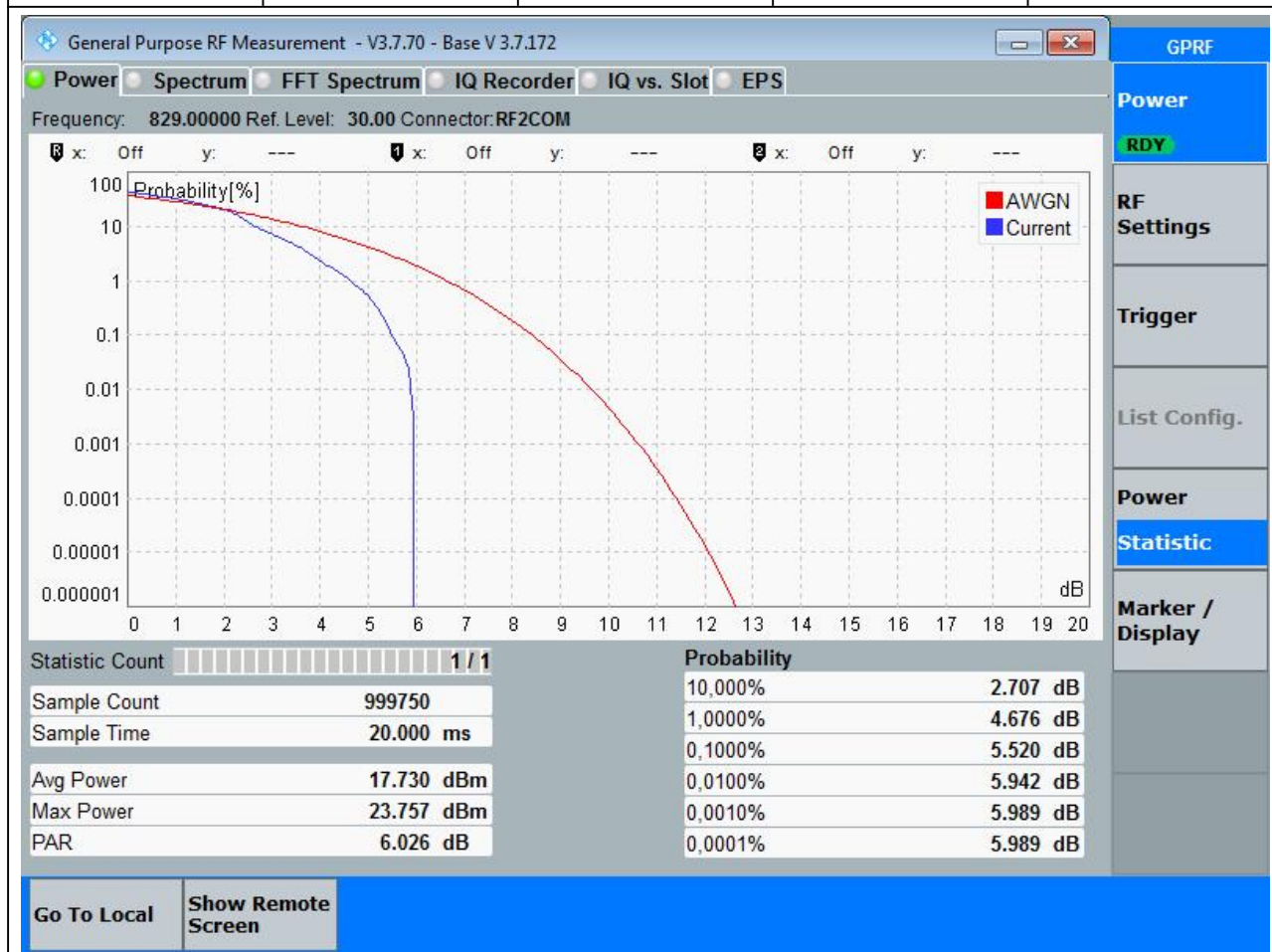
3.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	5.28	13	Pass



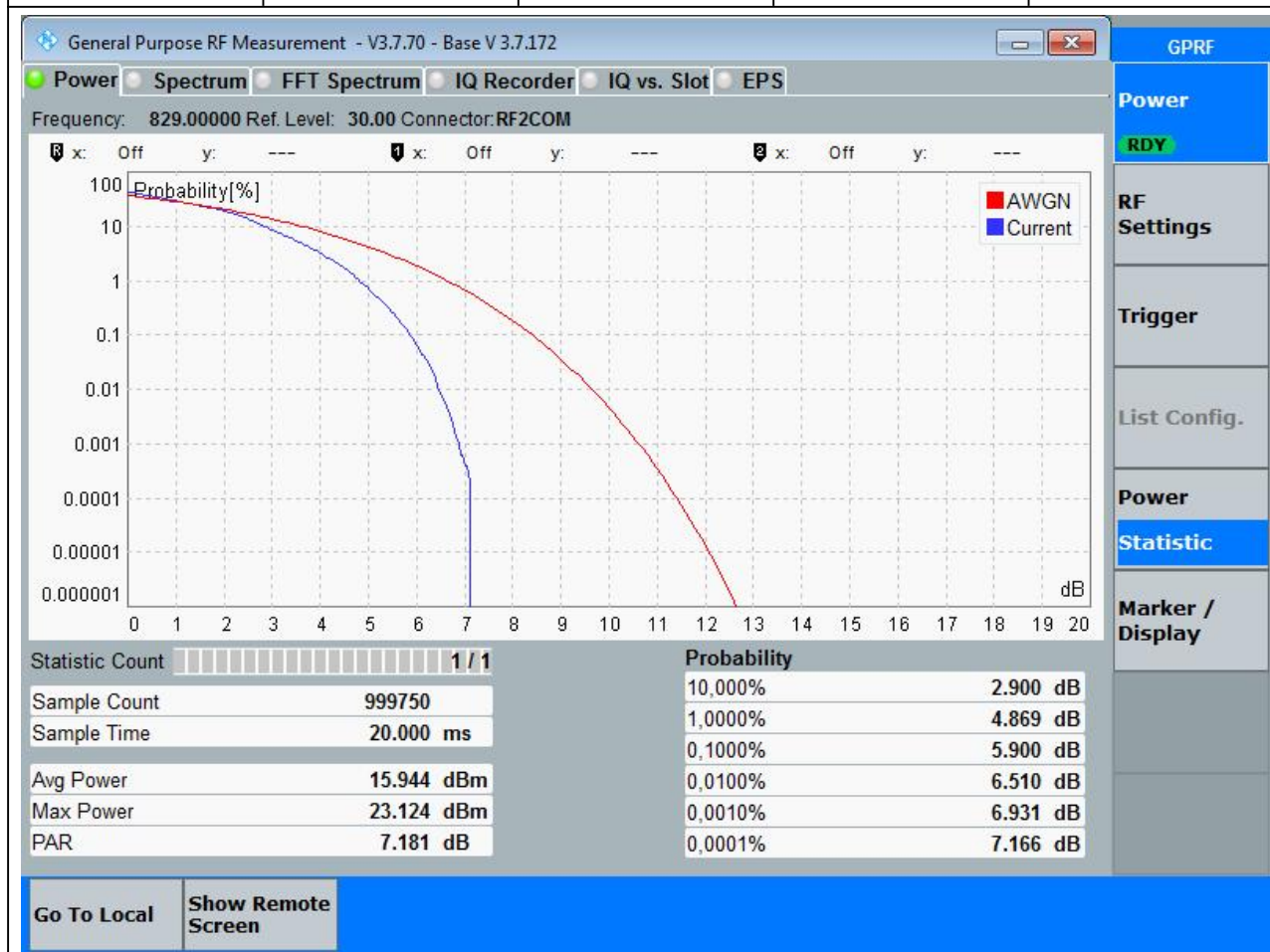
3.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	5.52	13	Pass



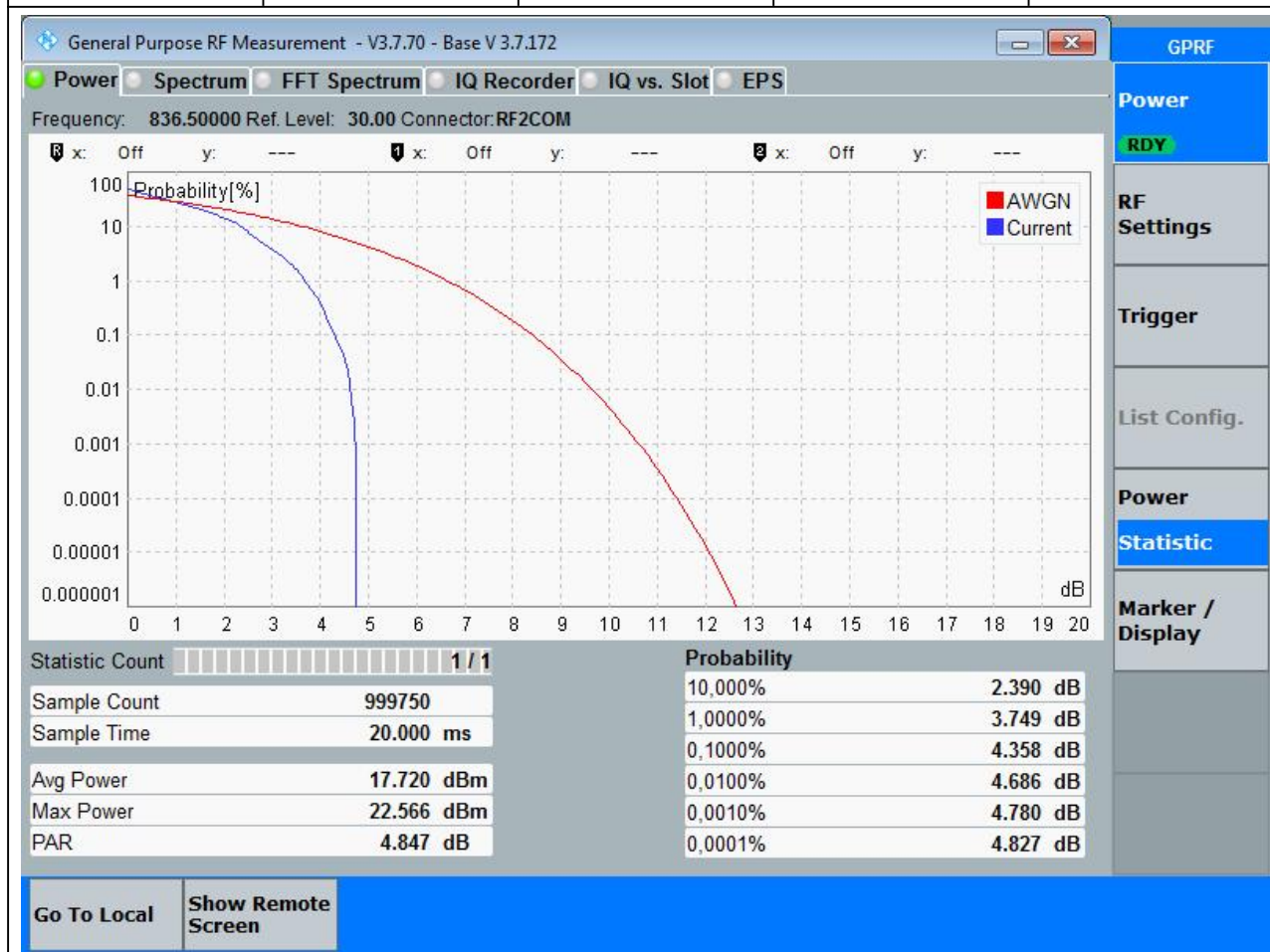
3.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	5.9	13	Pass



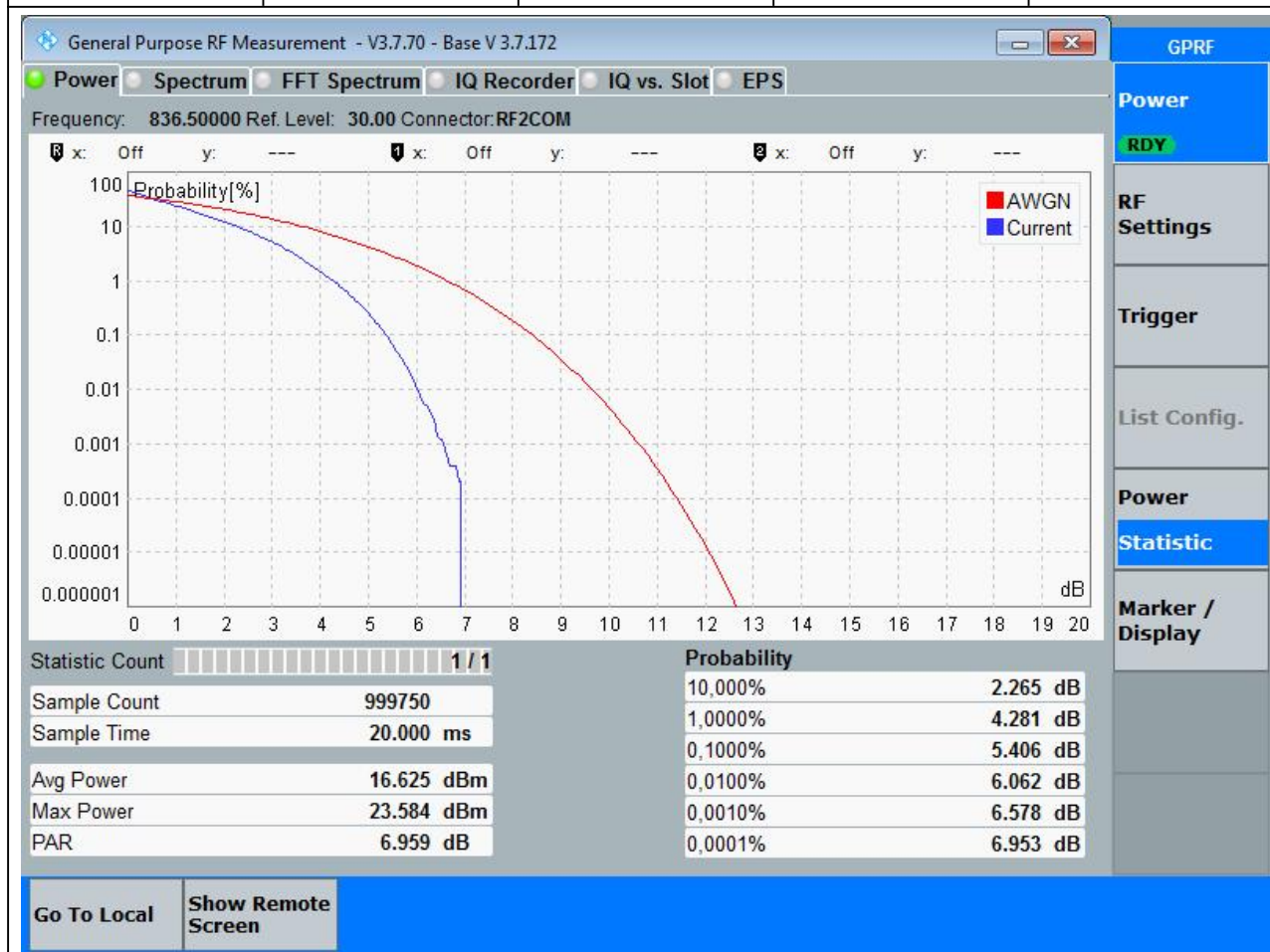
3.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	4.36	13	Pass



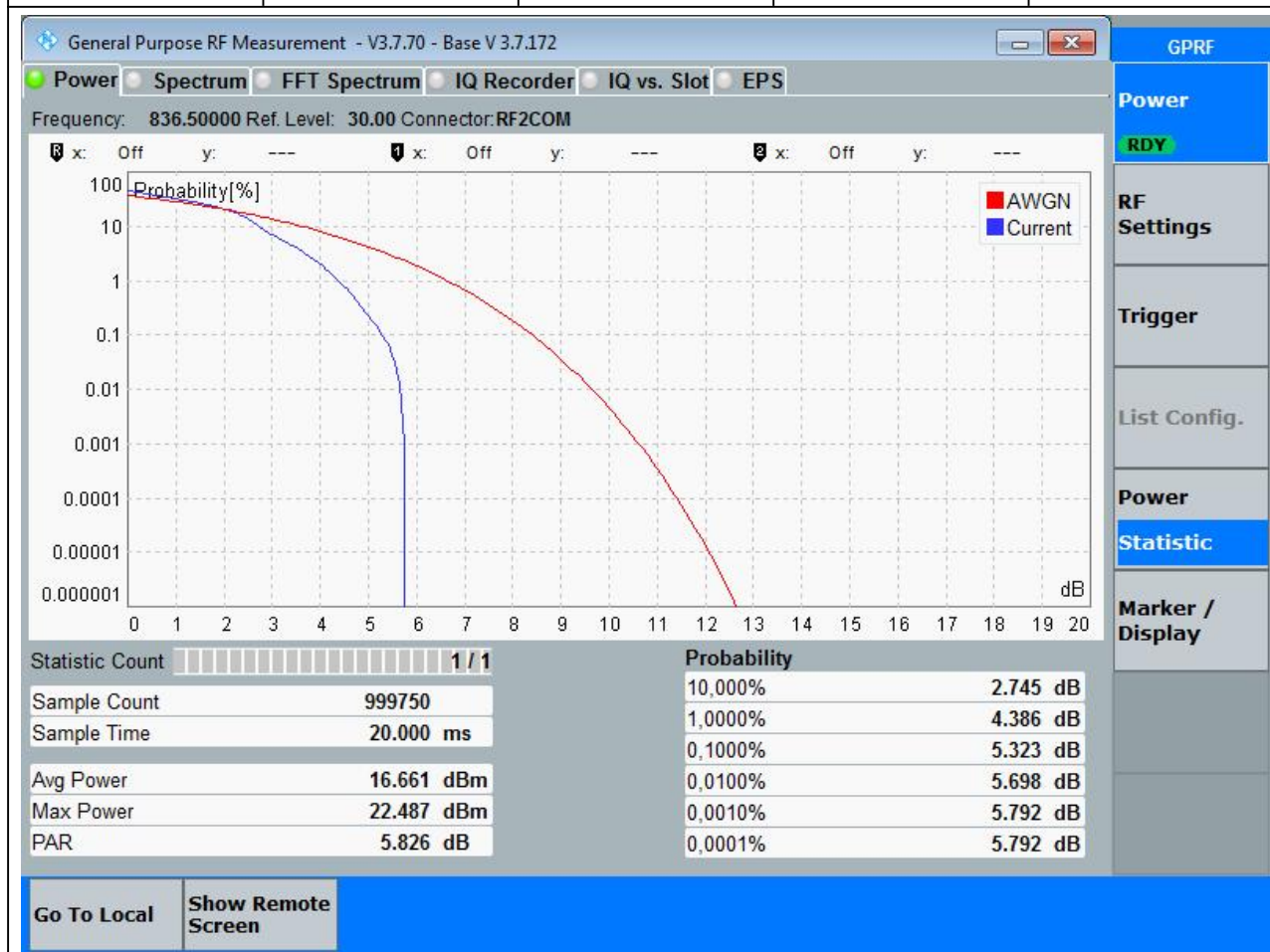
3.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.41	13	Pass



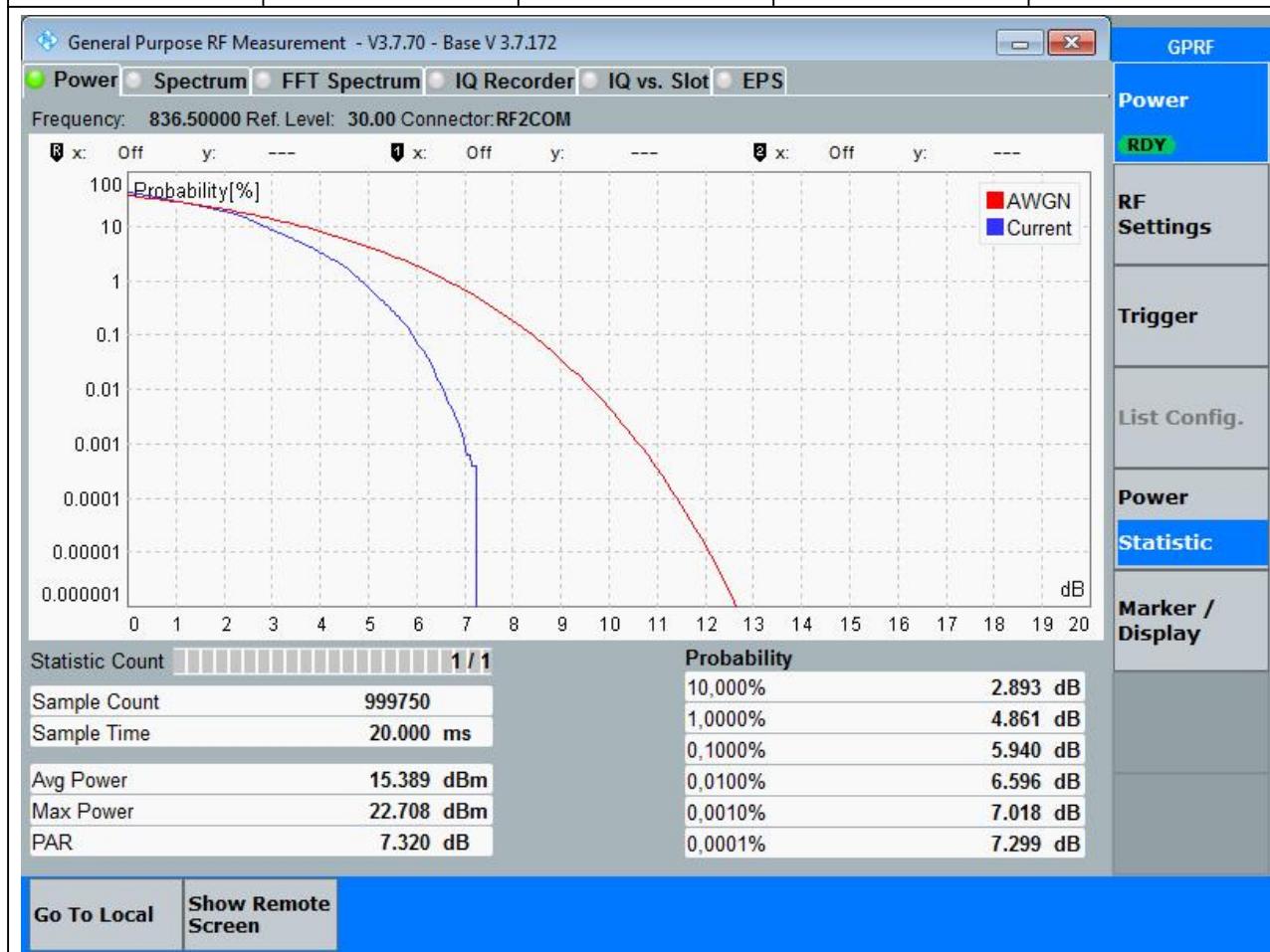
3.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.32	13	Pass



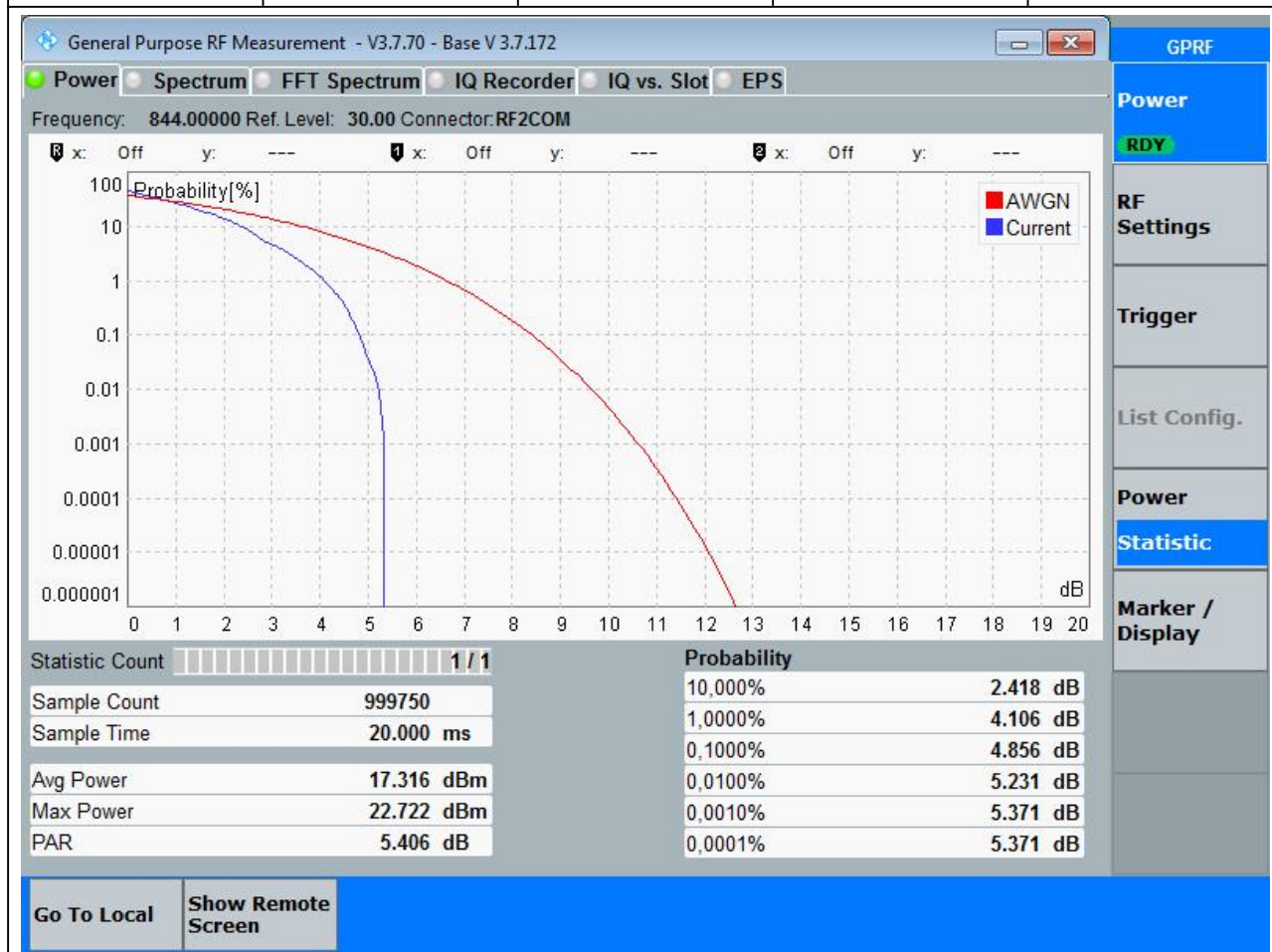
3.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.94	13	Pass



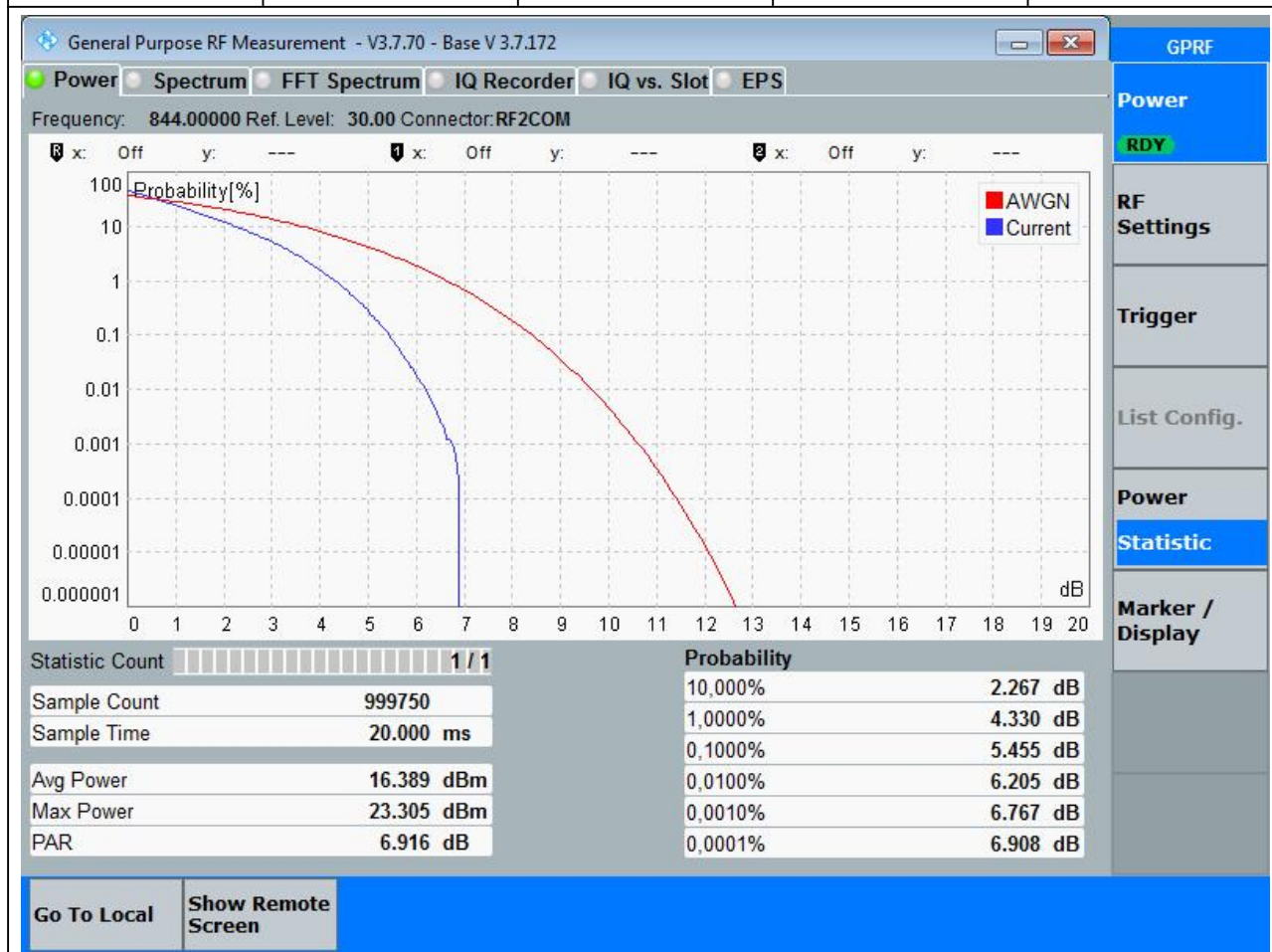
3.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	4.86	13	Pass



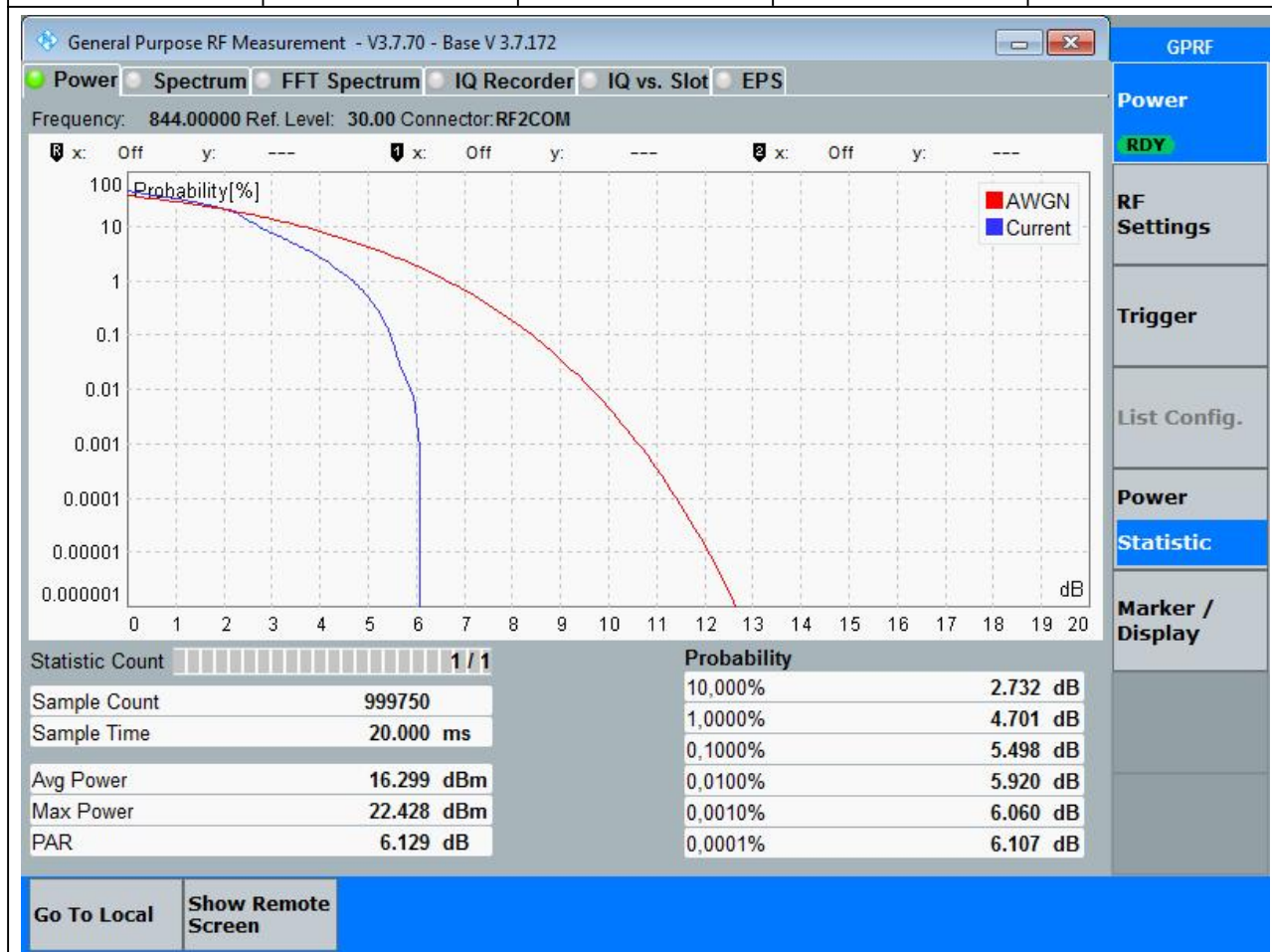
3.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	5.45	13	Pass



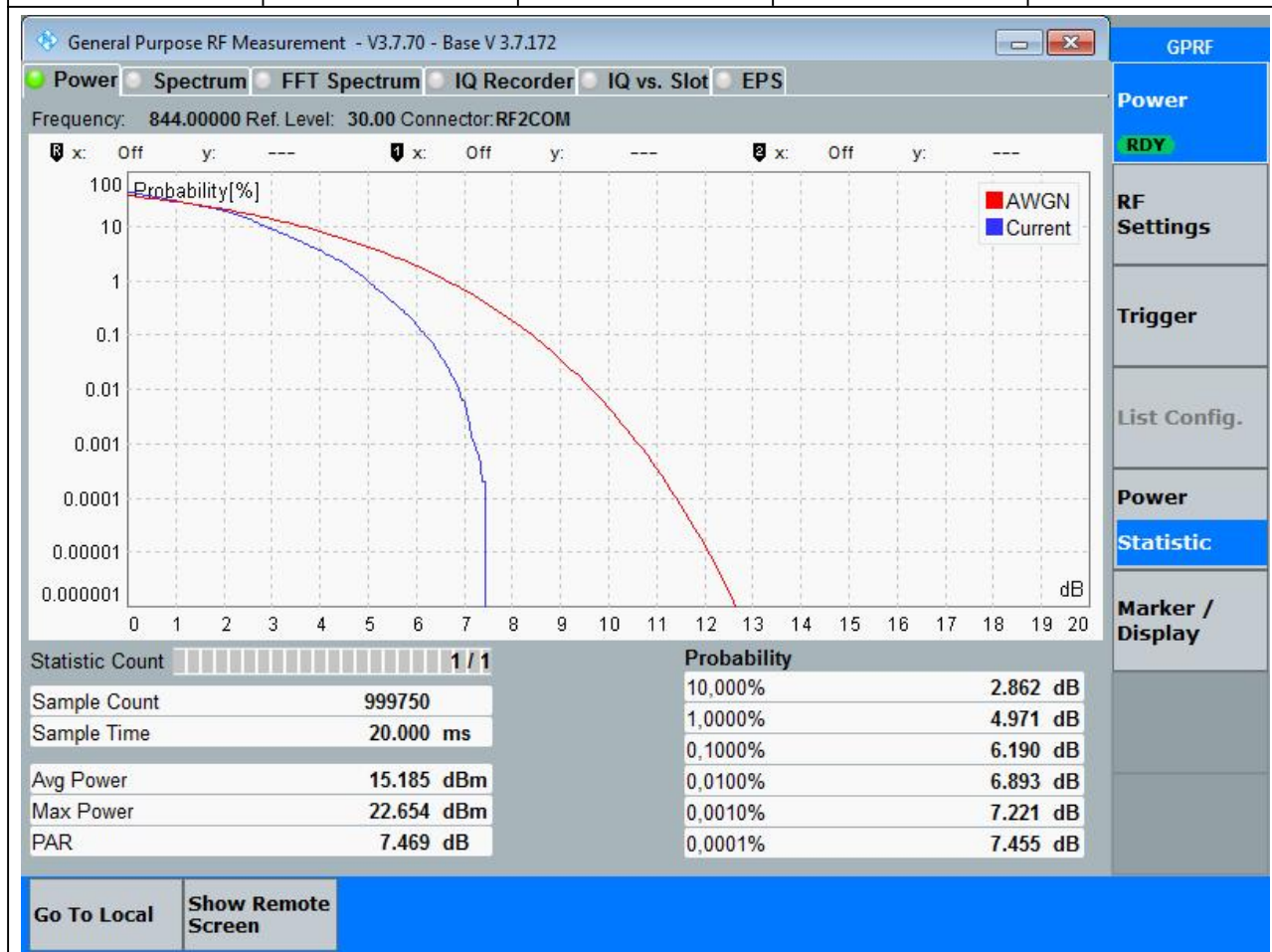
3.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20600, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	5.5	13	Pass



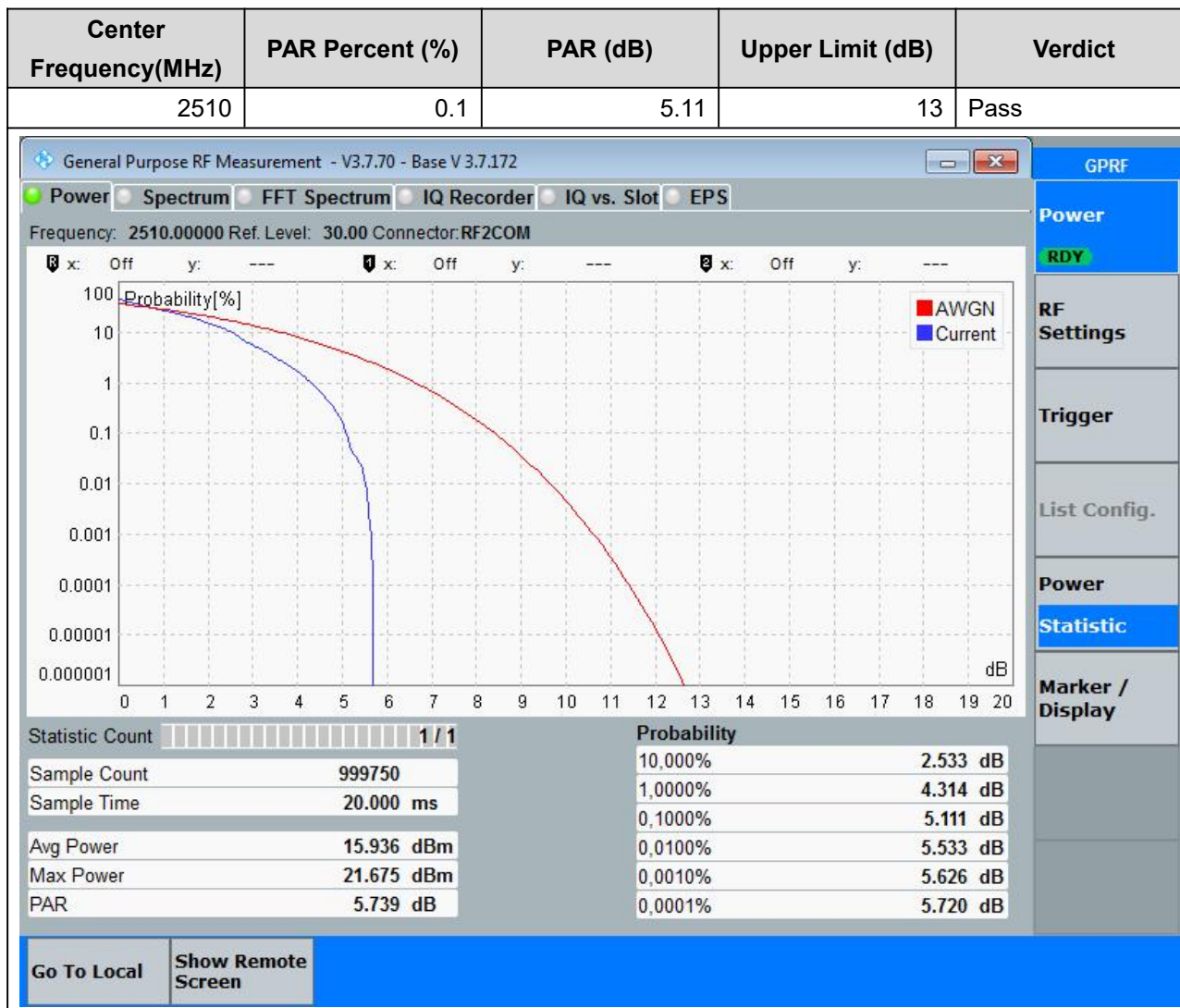
3.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20600, Bandwidth:10, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	6.19	13	Pass



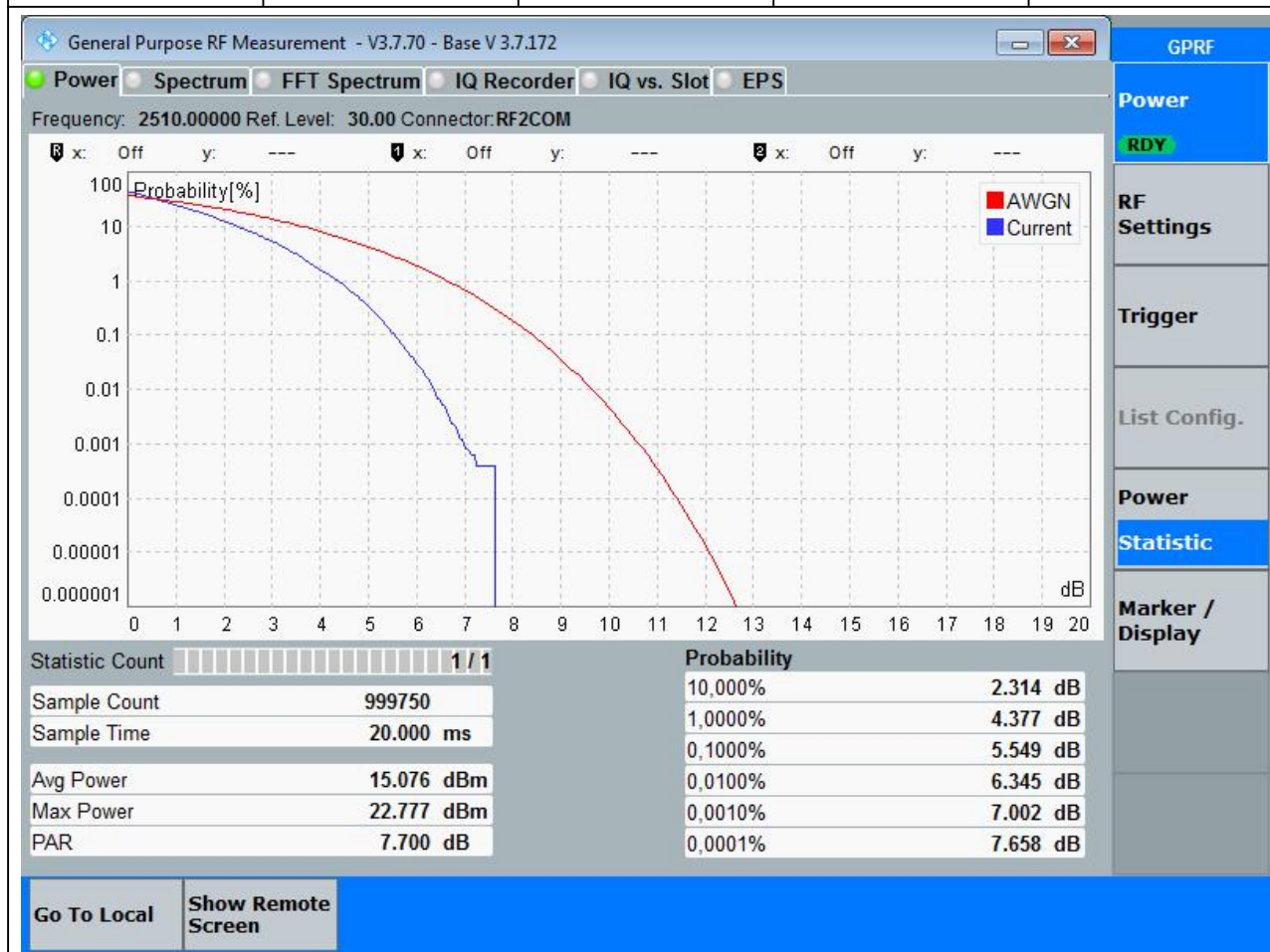
4. LTE_Band7

4.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)



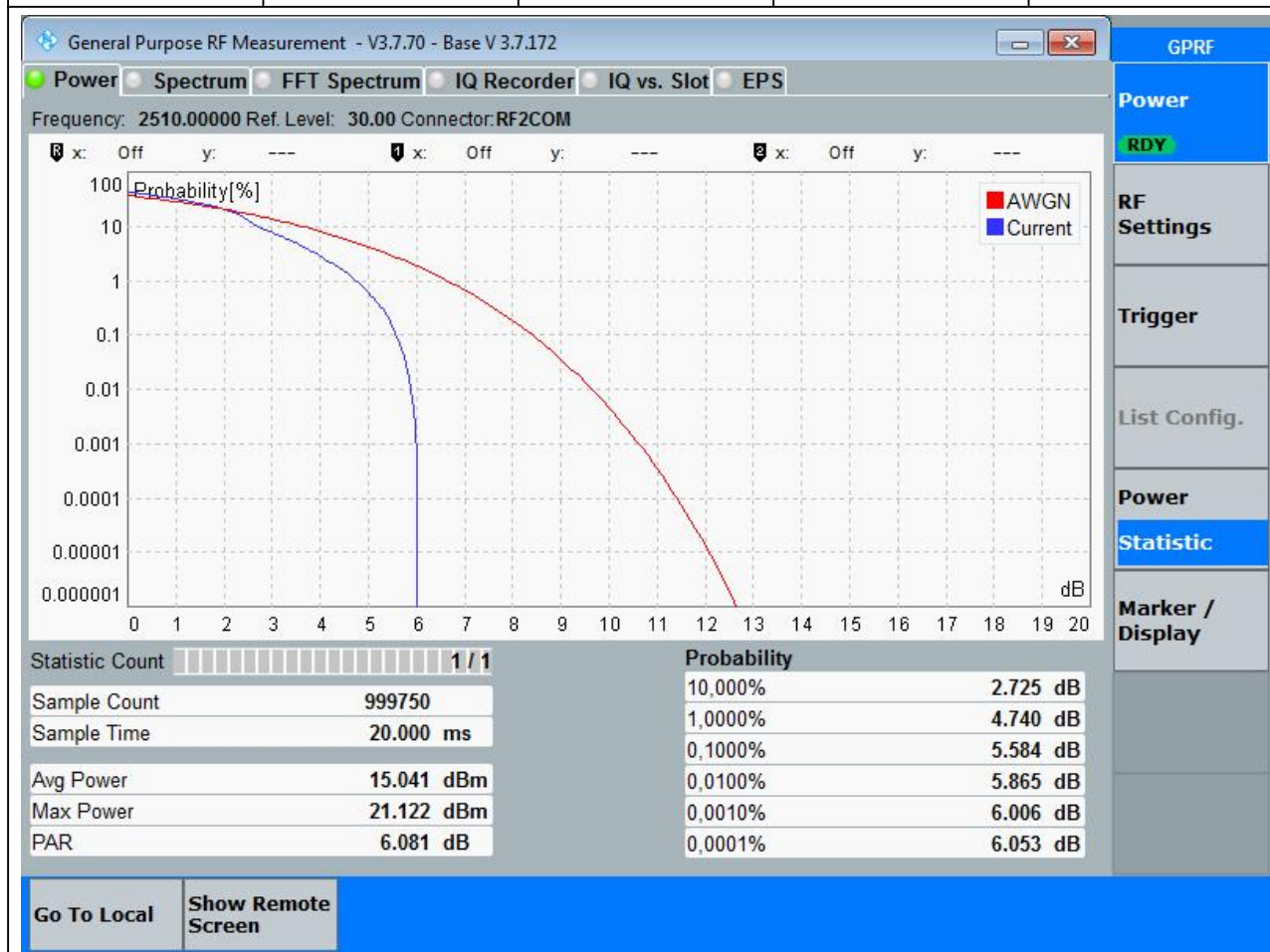
4.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	5.55	13	Pass



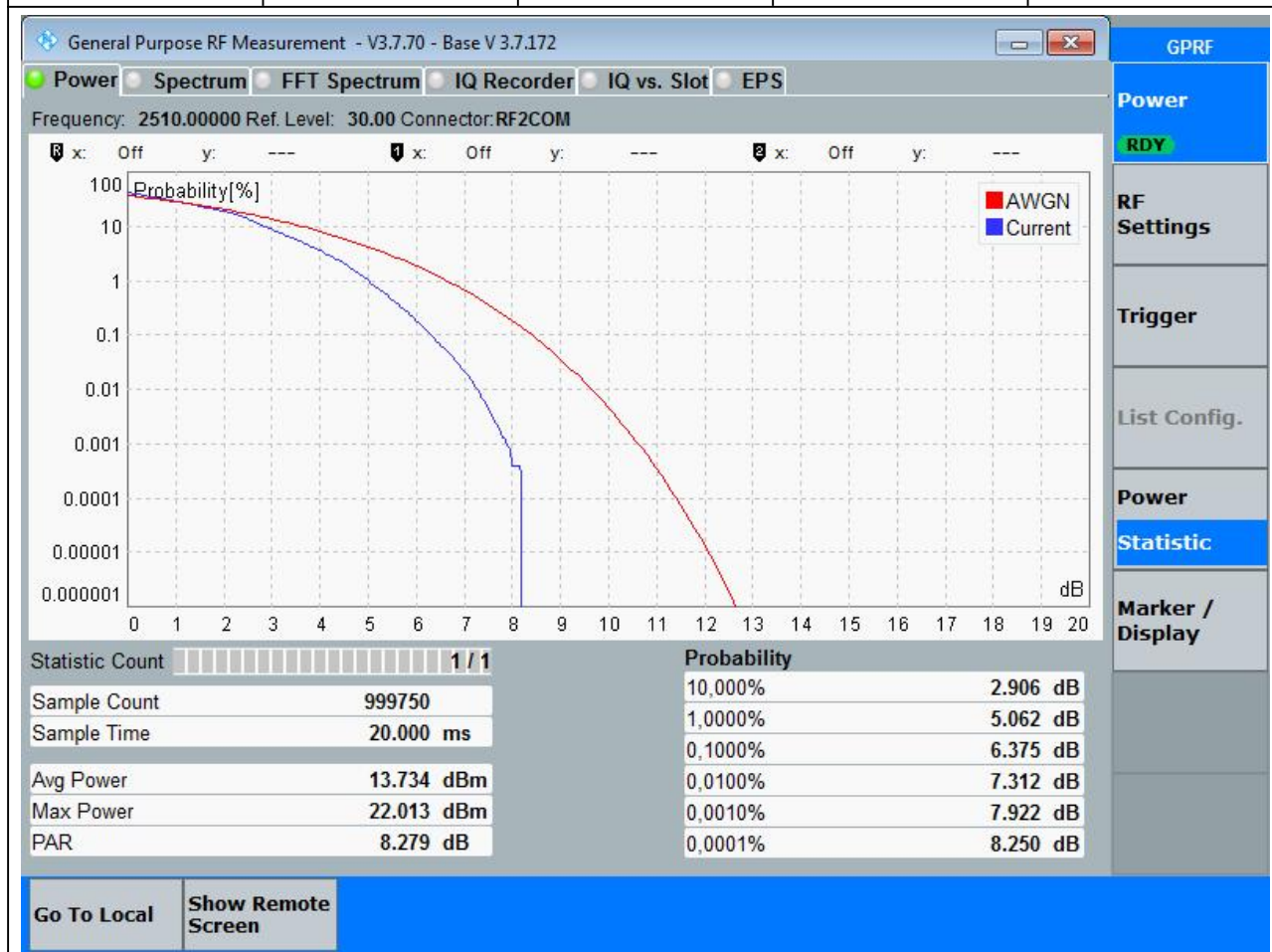
4.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	5.58	13	Pass



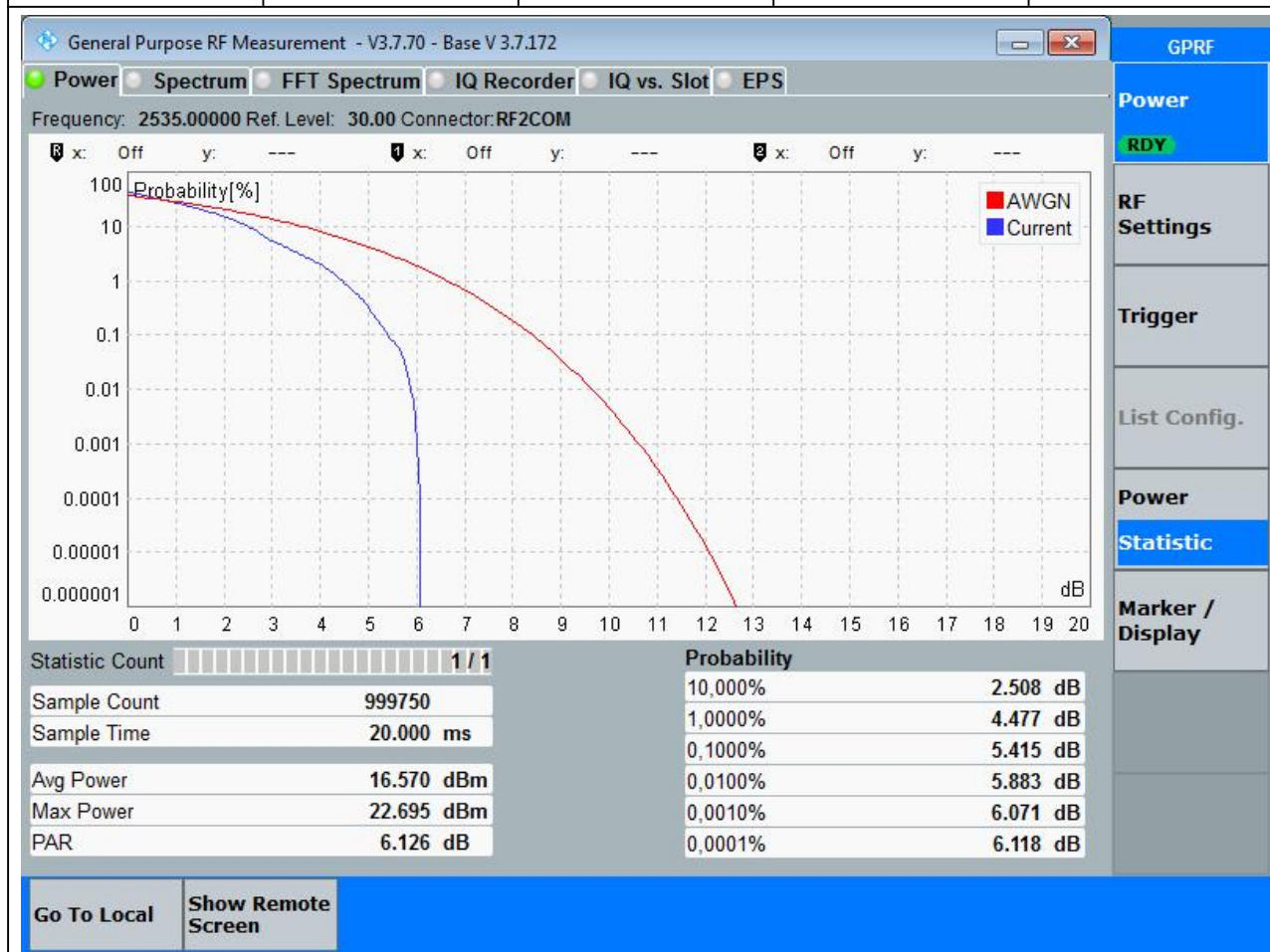
4.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	6.37	13	Pass



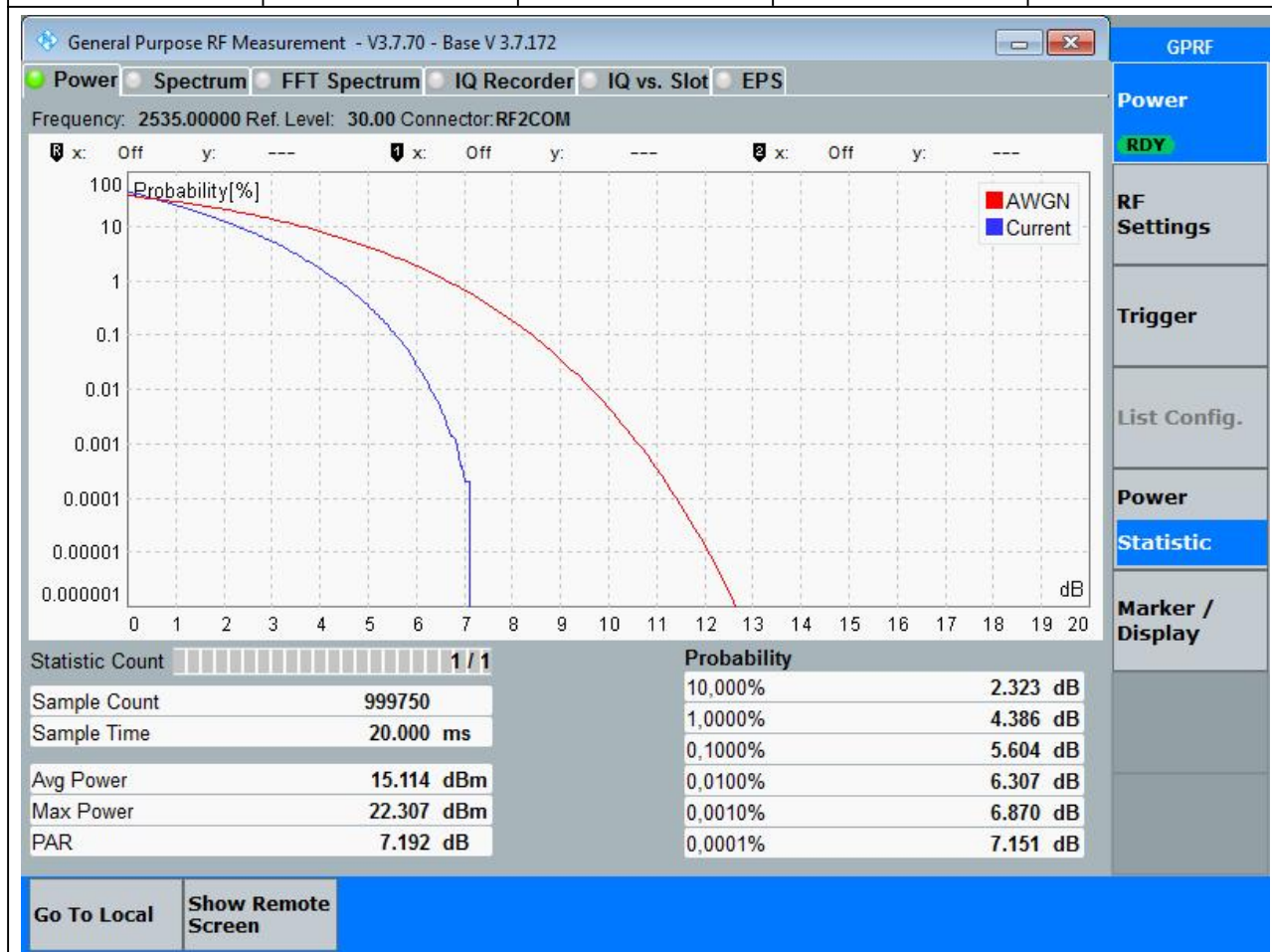
4.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.41	13	Pass



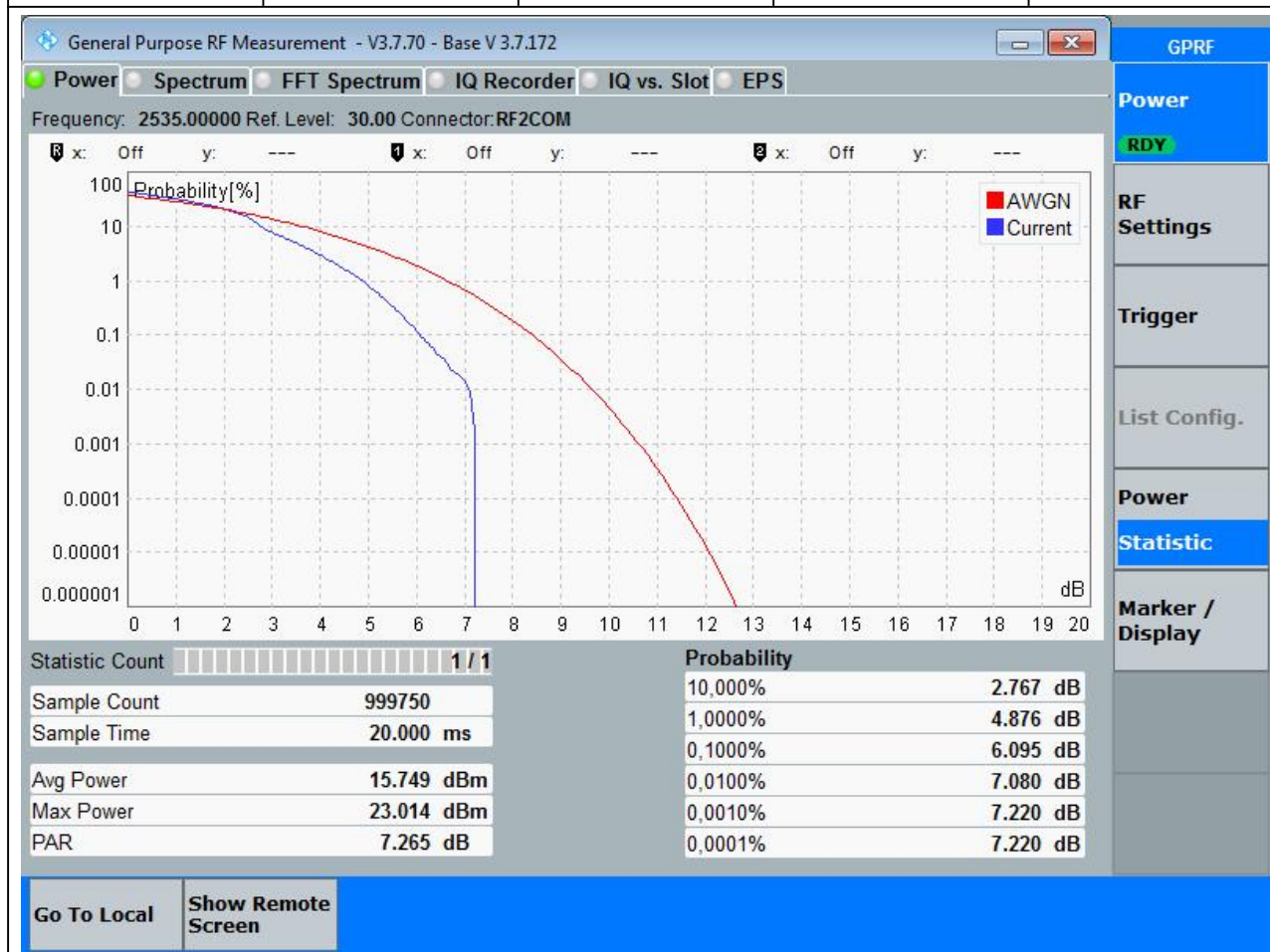
4.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	5.6	13	Pass



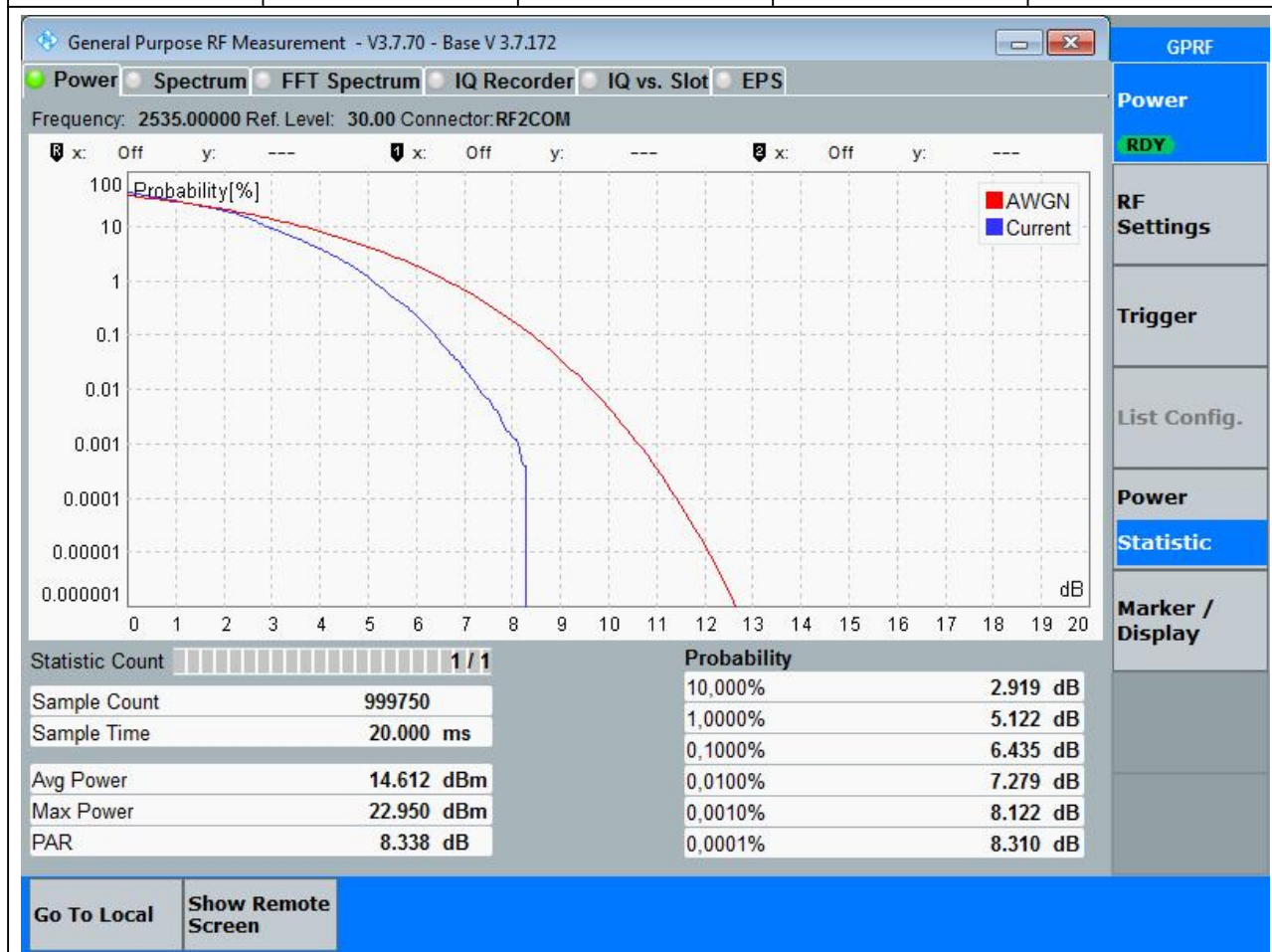
4.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.1	13	Pass



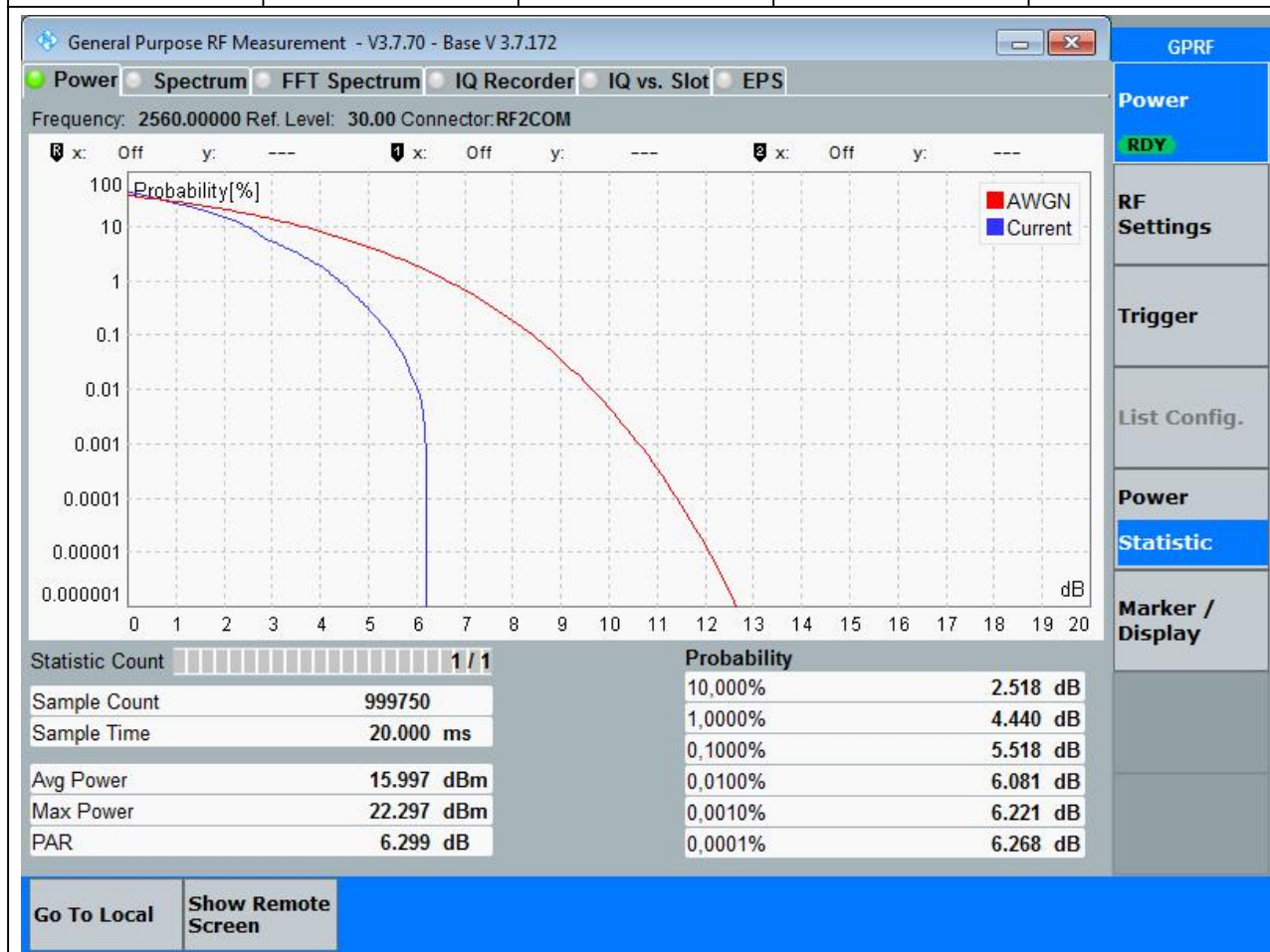
4.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	6.43	13	Pass



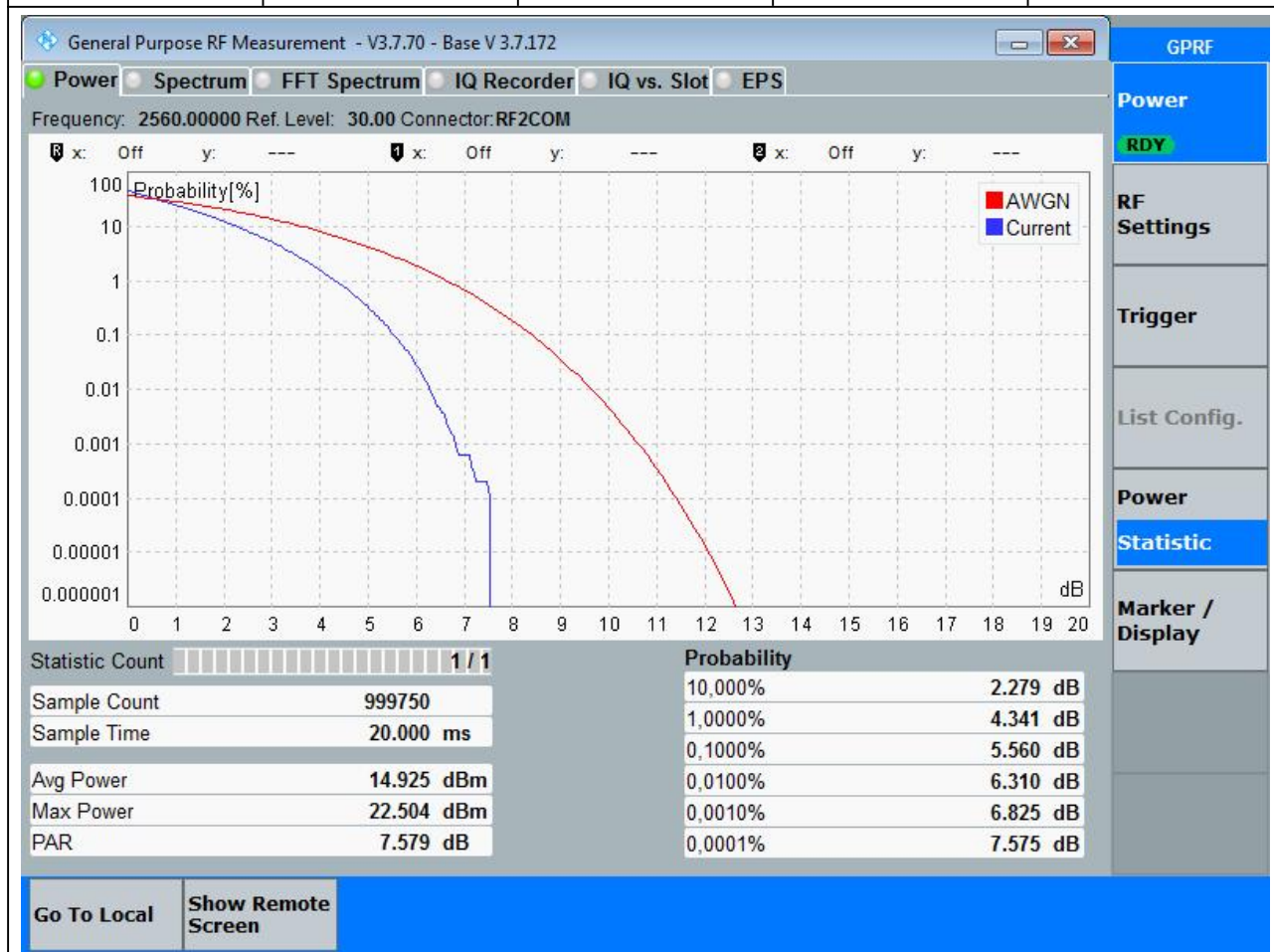
4.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.52	13	Pass



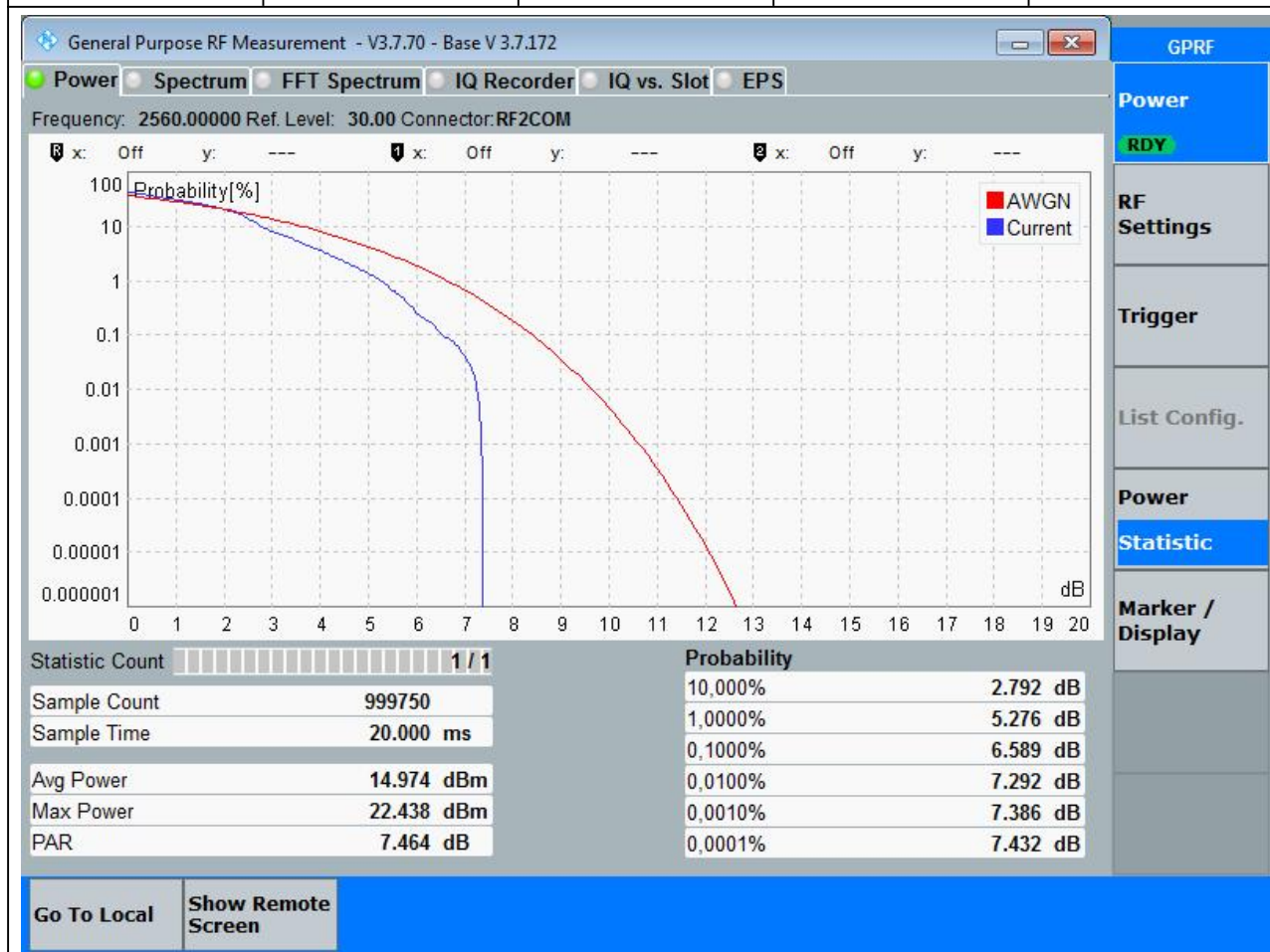
4.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.56	13	Pass



4.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:21350, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	6.59	13	Pass



4.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Channel:21350, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	6.37	13	Pass

