

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	5.25	13	Pass
				RB100#0	5.44	13	Pass
			16-QAM	RB1#0	5.86	13	Pass
				RB27#0	6.28	13	Pass
		MCH	QPSK	RB1#0	5.39	13	Pass
				RB100#0	5.44	13	Pass
			16-QAM	RB1#0	5.67	13	Pass
				RB27#0	6.28	13	Pass
		HCH	QPSK	RB1#0	5.39	13	Pass
				RB100#0	5.53	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB27#0	6.33	13	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	4.83	13	Pass
				RB50#0	5.44	13	Pass
			16-QAM	RB1#0	5.53	13	Pass
				RB27#0	6.19	13	Pass
		MCH	QPSK	RB1#0	5.25	13	Pass
				RB50#0	5.48	13	Pass
			16-QAM	RB1#0	5.62	13	Pass
				RB27#0	6.28	13	Pass
		HCH	QPSK	RB1#0	5.3	13	Pass
				RB50#0	5.48	13	Pass
			16-QAM	RB1#0	5.95	13	Pass
				RB27#0	6.28	13	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	4.36	13	Pass
				RB100#0	5.34	13	Pass
			16-QAM	RB1#0	5.2	13	Pass
				RB27#0	5.77	13	Pass
		MCH	QPSK	RB1#0	4.41	13	Pass
				RB100#0	5.34	13	Pass
			16-QAM	RB1#0	5.02	13	Pass
				RB27#0	5.95	13	Pass
		HCH	QPSK	RB1#0	4.87	13	Pass
				RB100#0	5.34	13	Pass

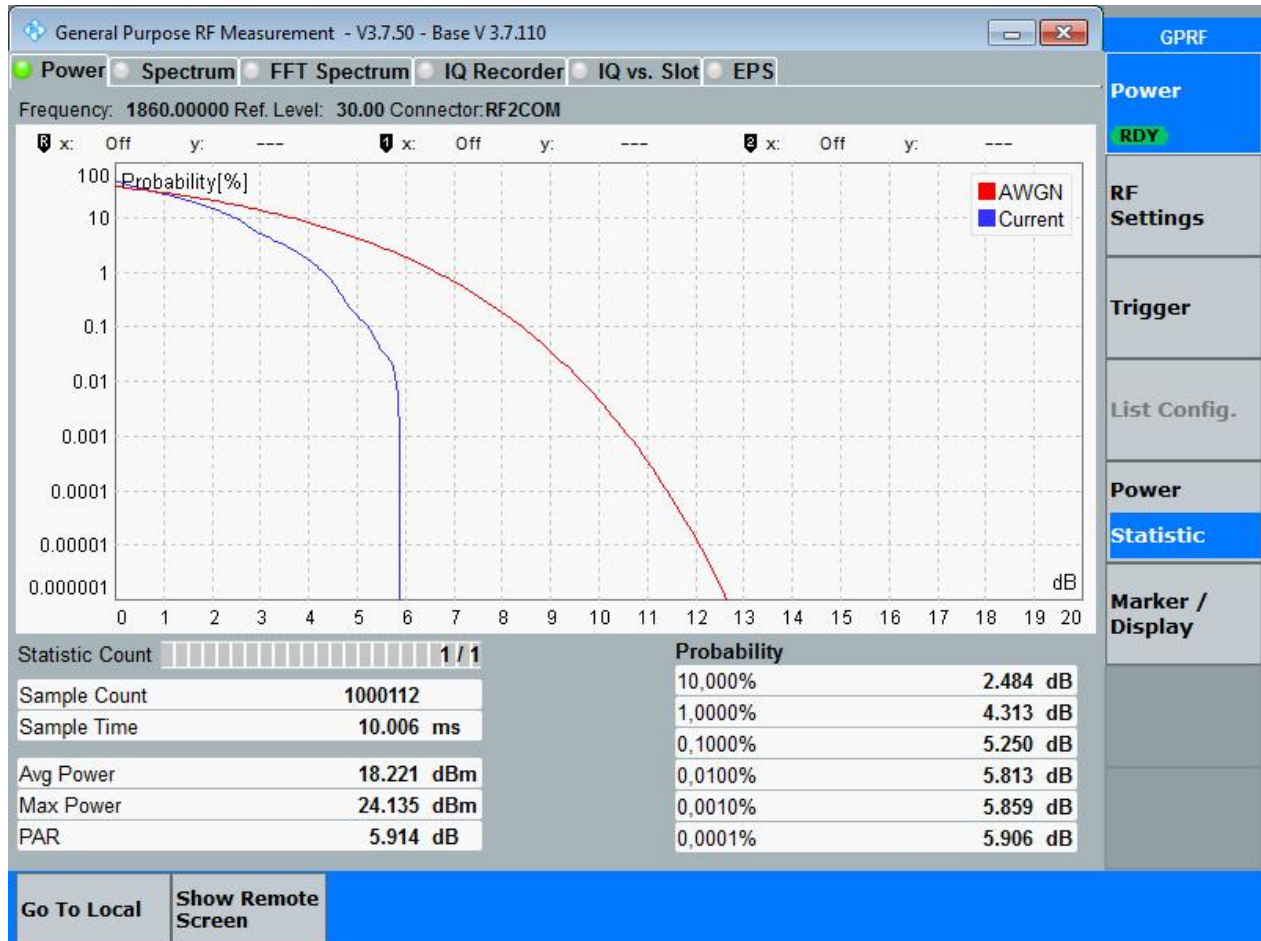
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			16-QAM	RB1#0	5.58	13	Pass
				RB27#0	6.09	13	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	4.31	13	Pass
				RB50#0	5.53	13	Pass
			16-QAM	RB1#0	5.25	13	Pass
				RB27#0	6.05	13	Pass
		MCH	QPSK	RB1#0	4.59	13	Pass
				RB50#0	5.25	13	Pass
			16-QAM	RB1#0	5.3	13	Pass
				RB27#0	6.05	13	Pass
		HCH	QPSK	RB1#0	4.83	13	Pass
				RB50#0	5.34	13	Pass
			16-QAM	RB1#0	5.58	13	Pass
				RB27#0	6.09	13	Pass
LTE Band 13	10 MHz	MCH	QPSK	RB1#0	4.27	13	Pass
				RB50#0	5.44	13	Pass
			16-QAM	RB1#0	5.02	13	Pass
				RB27#0	6	13	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	4.78	13	Pass
				RB100#0	5.39	13	Pass
			16-QAM	RB1#0	5.53	13	Pass
				RB27#0	6.14	13	Pass
		MCH	QPSK	RB1#0	5.25	13	Pass
				RB100#0	5.44	13	Pass
			16-QAM	RB1#0	5.58	13	Pass
				RB27#0	6.23	13	Pass
		HCH	QPSK	RB1#0	4.97	13	Pass
				RB100#0	5.34	13	Pass
			16-QAM	RB1#0	5.62	13	Pass
				RB27#0	6.14	13	Pass
LTE Band 71	20 MHz	LCH	QPSK	RB1#0	4.55	13	Pass
				RB100#0	5.53	13	Pass
			16-QAM	RB1#0	5.3	13	Pass
				RB27#0	6.23	13	Pass
		MCH	QPSK	RB1#0	5.11	13	Pass
				RB100#0	5.53	13	Pass
			16-QAM	RB1#0	5.81	13	Pass
				RB27#0	6.33	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
		HCH	QPSK	RB1#0	5.25	13	Pass
				RB100#0	5.53	13	Pass
			16-QAM	RB1#0	5.67	13	Pass
				RB27#0	6.37	13	Pass
LTE Band 14	10 MHz	MCH	QPSK	RB1#0	5.16	13	Pass
				RB50#0	5.62	13	Pass
			16-QAM	RB1#0	6.05	13	Pass
				RB50#0	3.56	13	Pass
LTE Band 25	20 MHz	LCH	QPSK	RB1#0	5.2	13	Pass
				RB100#0	5.39	13	Pass
			16-QAM	RB1#0	5.86	13	Pass
				RB27#0	6.28	13	Pass
		MCH	QPSK	RB1#0	5.34	13	Pass
				RB100#0	5.39	13	Pass
			16-QAM	RB1#0	5.62	13	Pass
				RB27#0	6.28	13	Pass
		HCH	QPSK	RB1#0	5.39	13	Pass
				RB100#0	5.48	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB27#0	6.33	13	Pass
LTE Band 26(part22)	15 MHz	LCH	QPSK	RB1#0	4.41	13	Pass
				RB75#0	5.48	13	Pass
			16-QAM	RB1#0	5.25	13	Pass
				RB27#0	5.58	13	Pass
		MCH	QPSK	RB1#0	4.36	13	Pass
				RB75#0	5.53	13	Pass
			16-QAM	RB1#0	5.02	13	Pass
				RB27#0	5.77	13	Pass
		HCH	QPSK	RB1#0	4.78	13	Pass
				RB75#0	5.58	13	Pass
			16-QAM	RB1#0	5.67	13	Pass
				RB27#0	5.95	13	Pass
LTE Band 26(part90)	10 MHz	MCH	QPSK	RB1#0	4.83	13	Pass
				RB50#0	5.39	13	Pass
			16-QAM	RB1#0	5.77	13	Pass
				RB50#0	4.03	13	Pass
	10 MHz	LCH	QPSK	RB1#0	4.69	13	Pass
				RB50#0	5.39	13	Pass

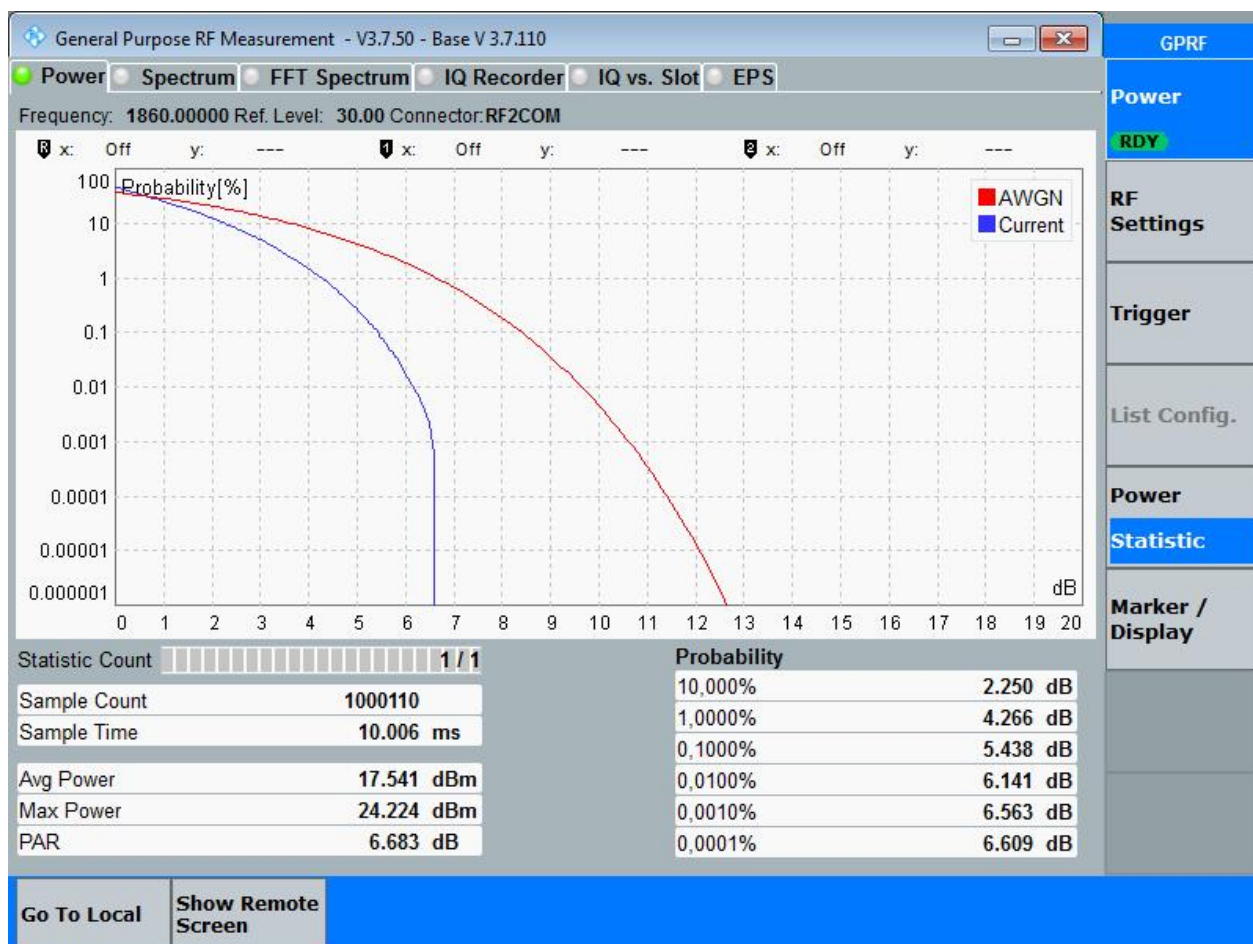
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
LTE Band 17			16-QAM	RB1#0	5.62	13	Pass
				RB27#0	6.09	13	Pass
		MCH	QPSK	RB1#0	4.73	13	Pass
				RB50#0	5.3	13	Pass
			16-QAM	RB1#0	5.39	13	Pass
				RB27#0	6.05	13	Pass
		HCH	QPSK	RB1#0	4.78	13	Pass
				RB50#0	5.34	13	Pass
			16-QAM	RB1#0	5.58	13	Pass
				RB27#0	6.09	13	Pass

1. LTE_Band2

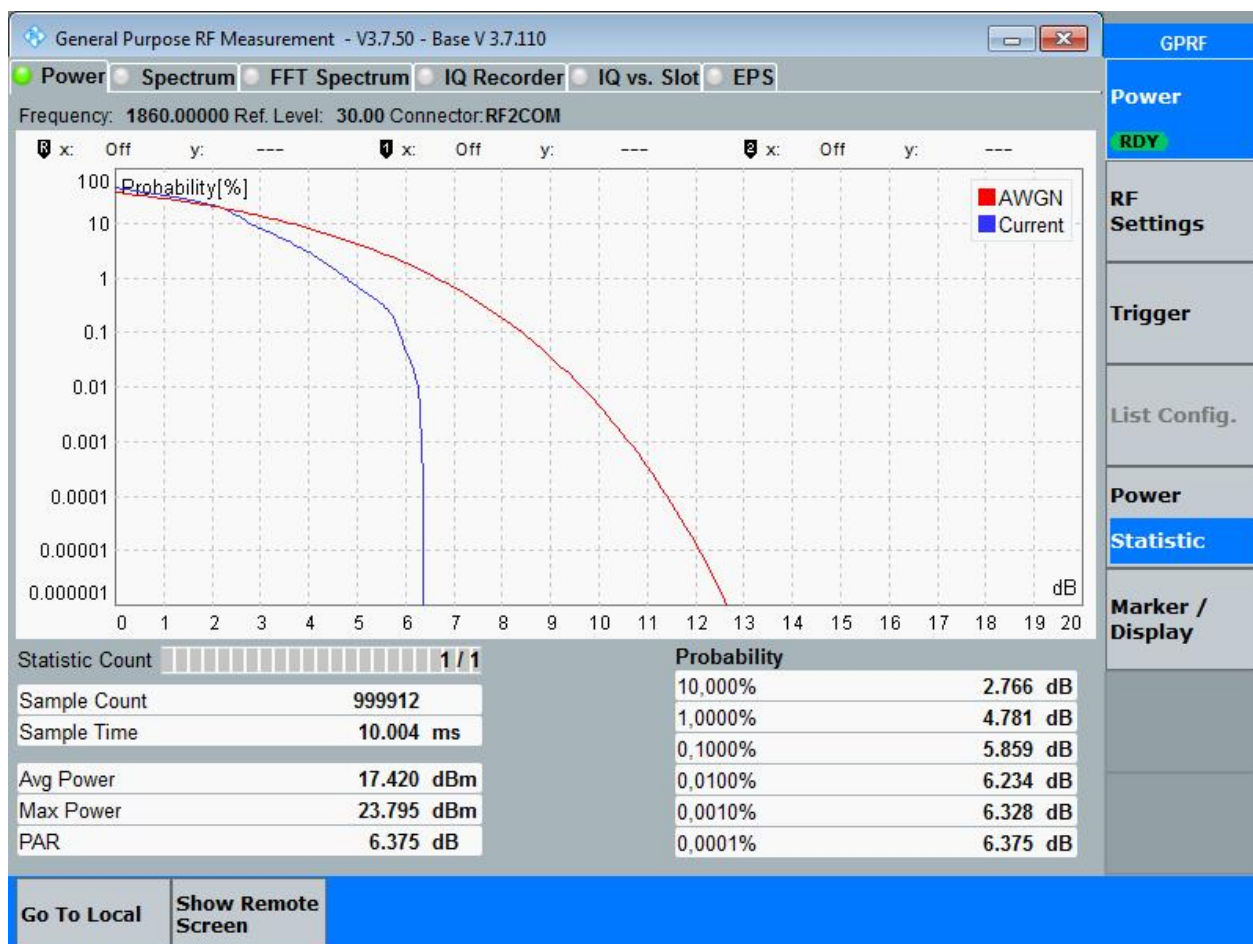
1.1 LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



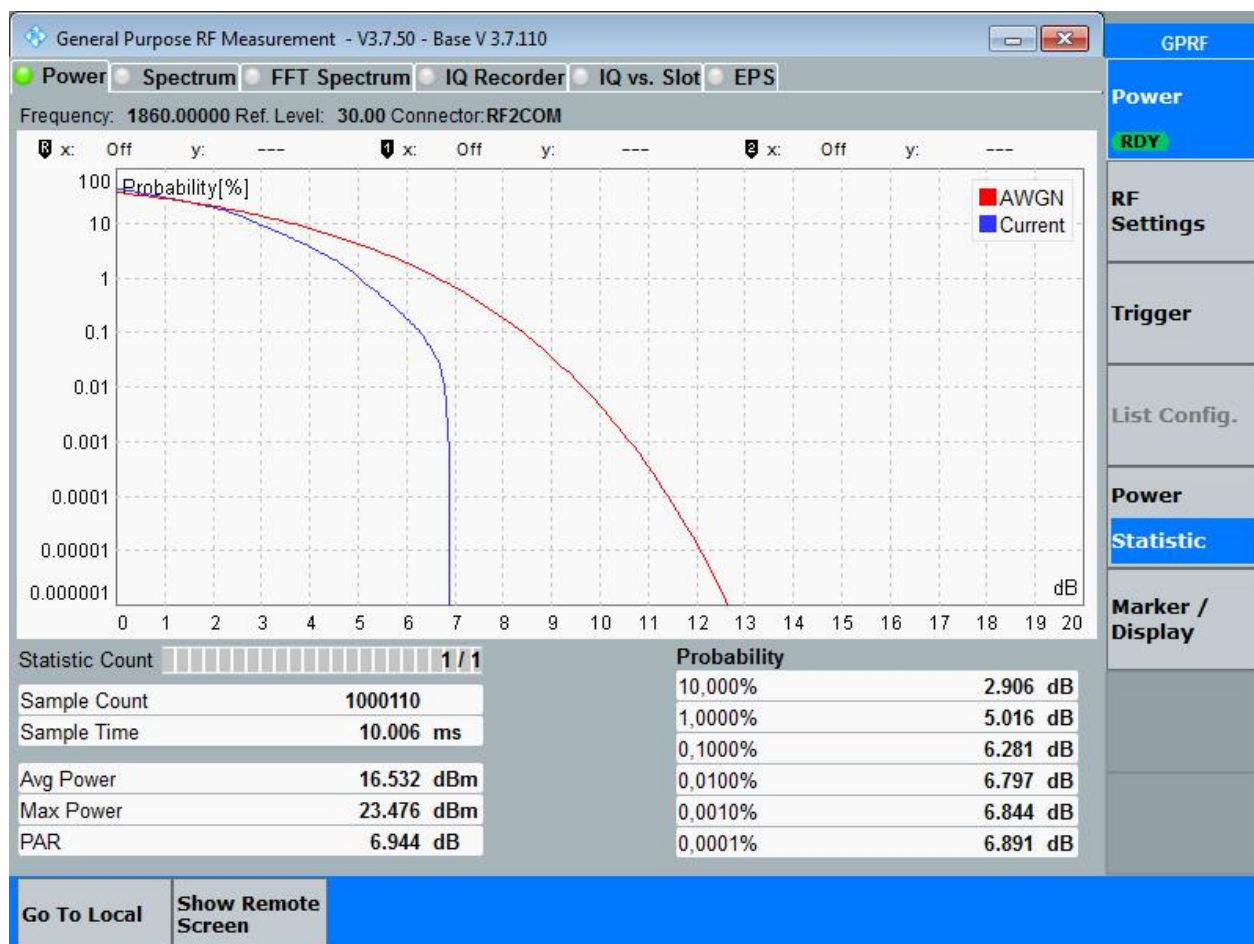
1.2 LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



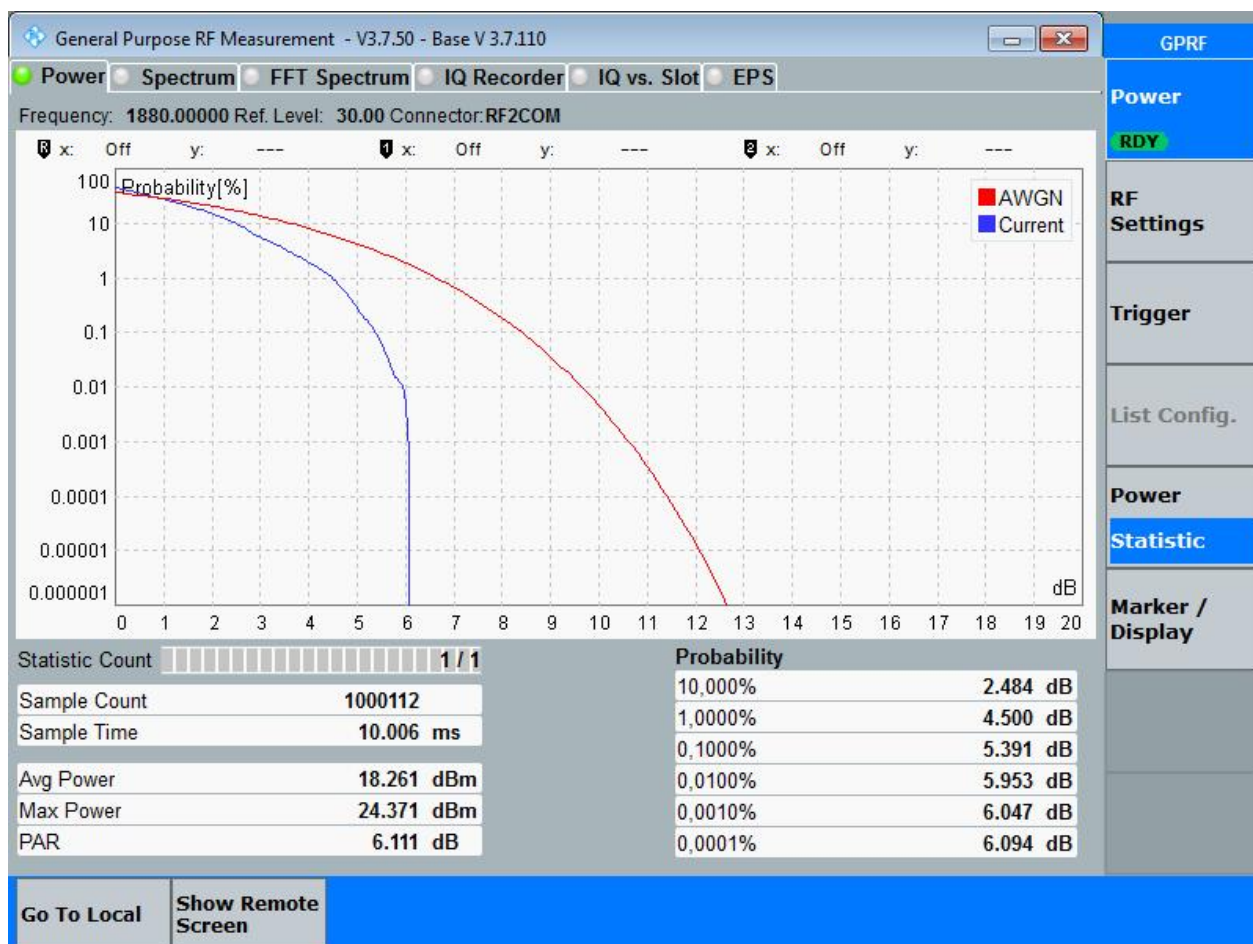
1.3 LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



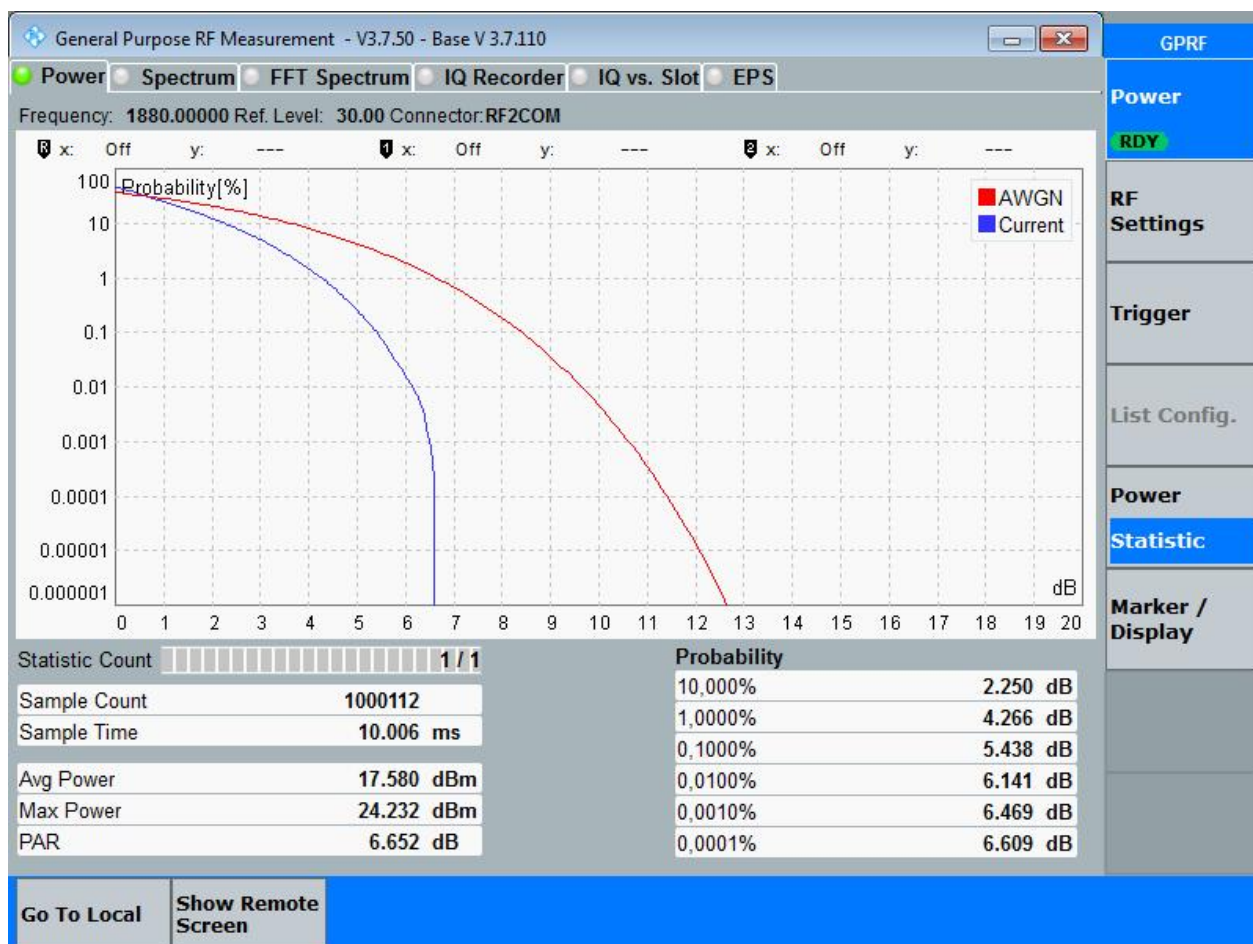
1.4 LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)(NTNV)



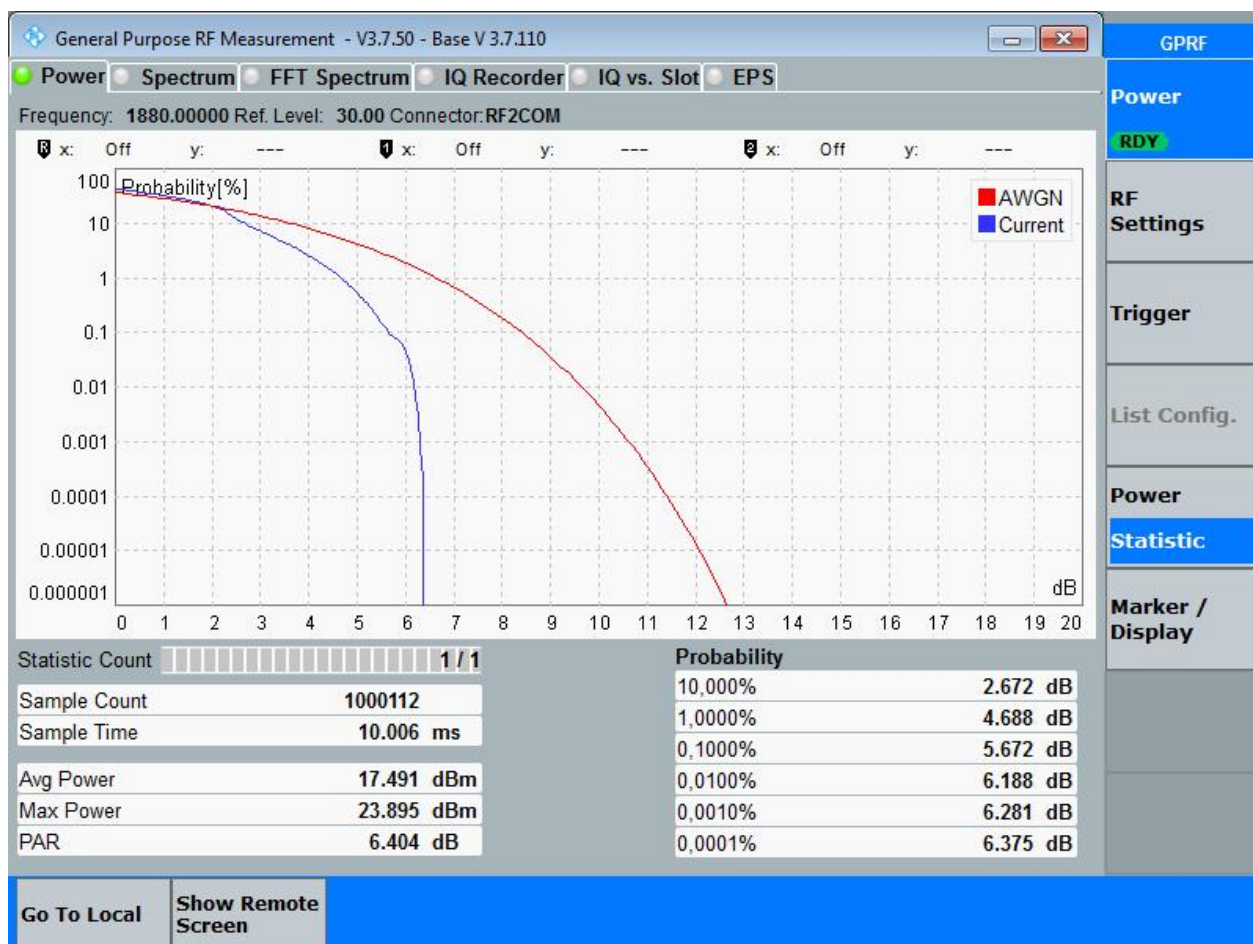
1.5 LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



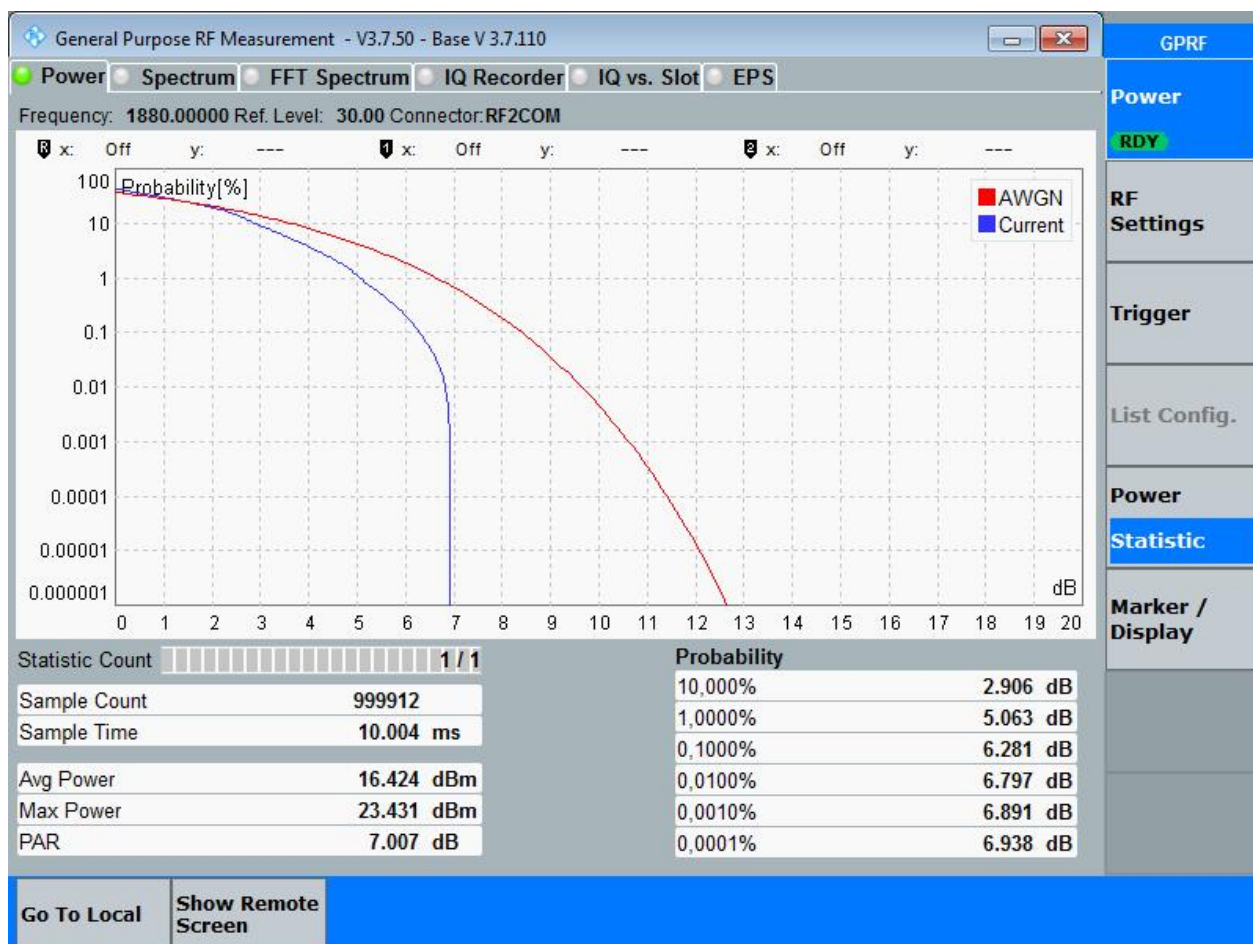
1.6 LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



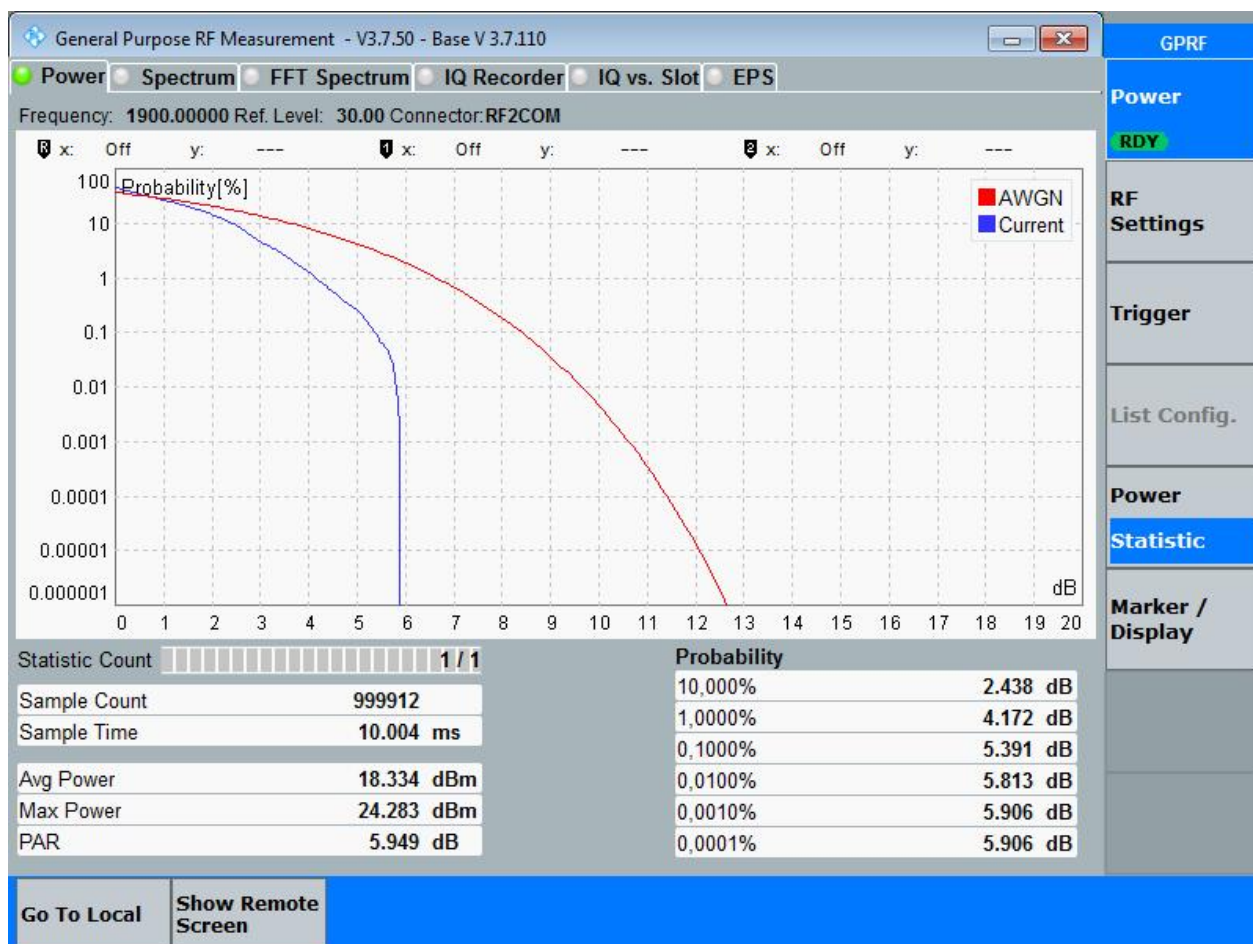
1.7 LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



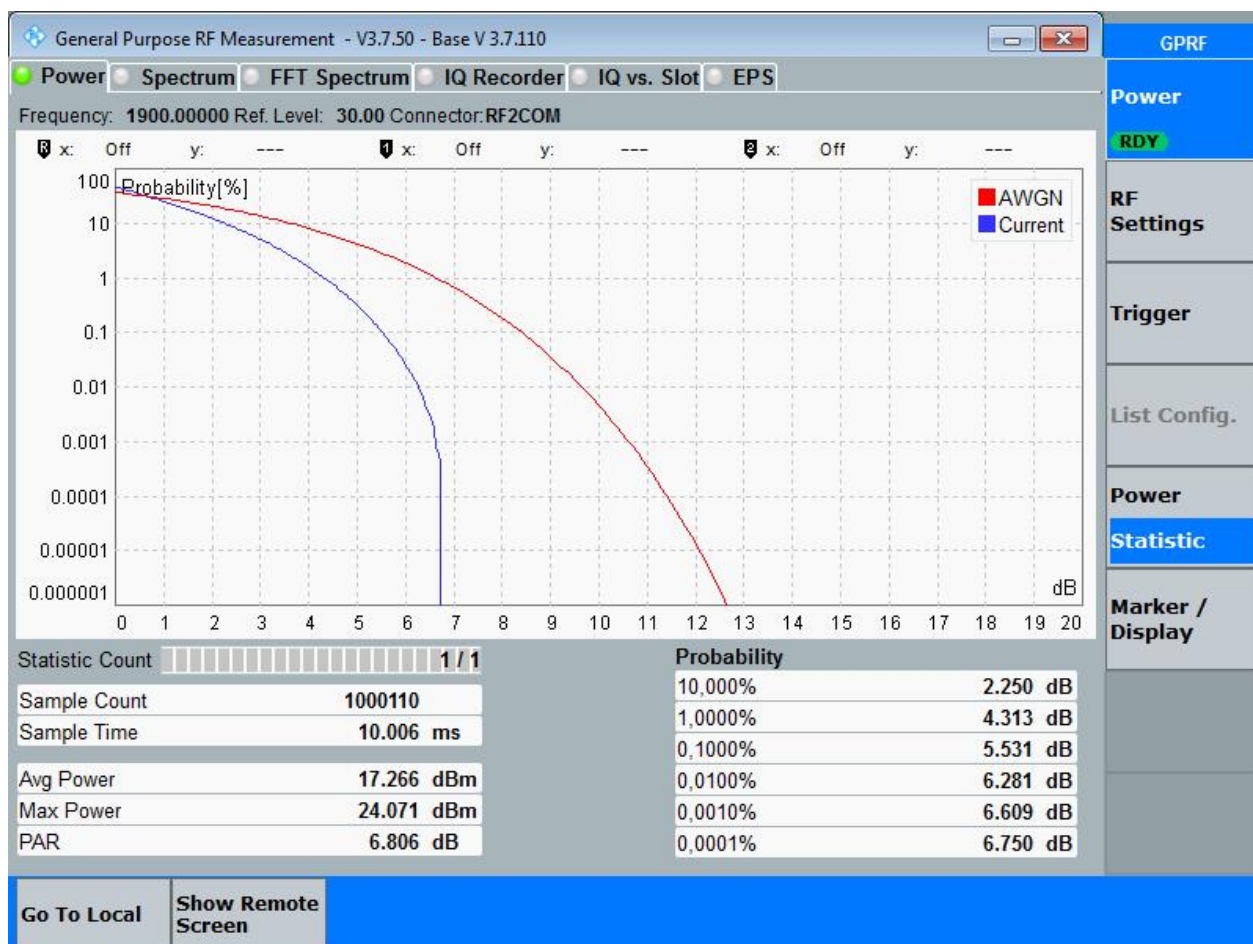
1.8 LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)(NTNV)



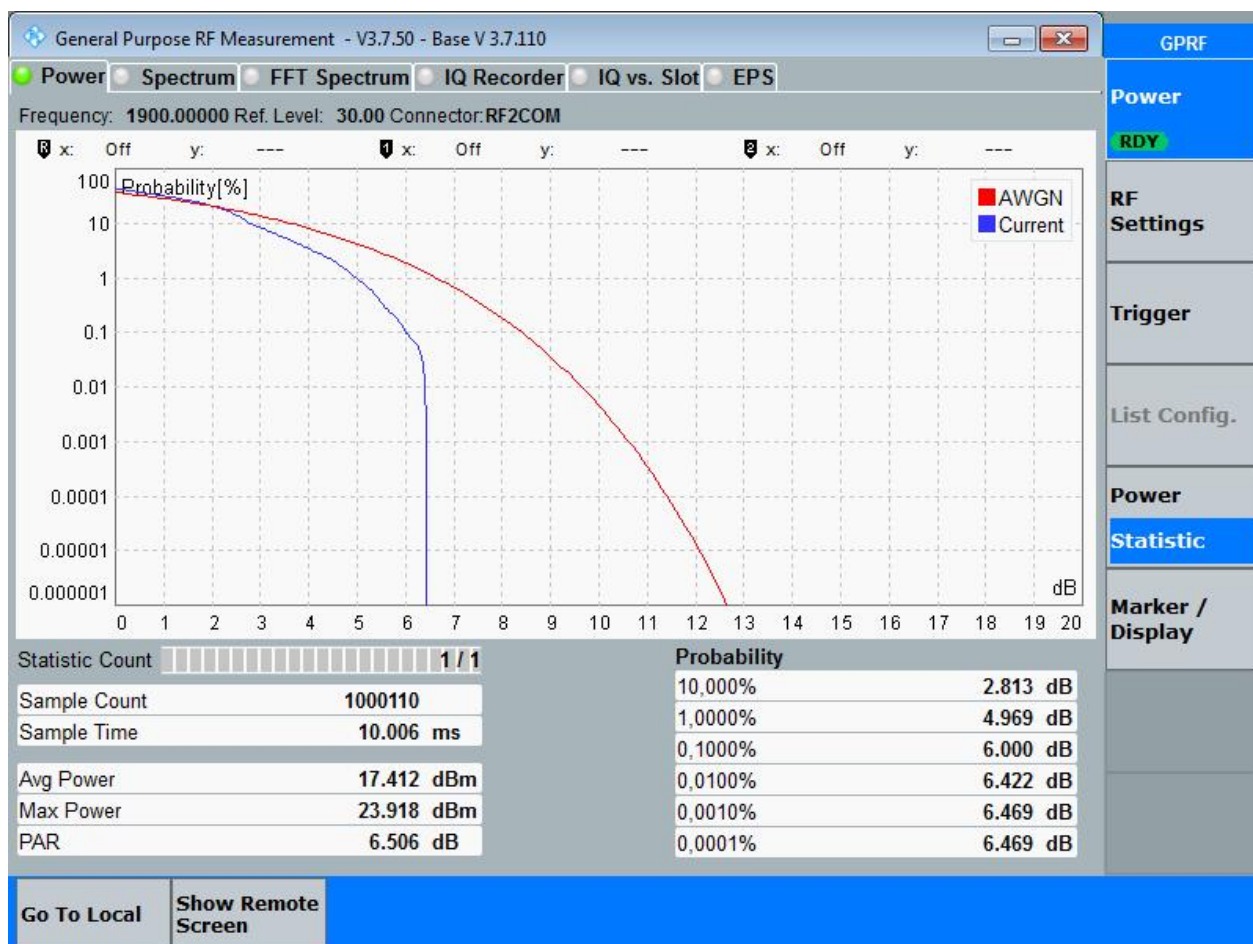
1.9 LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



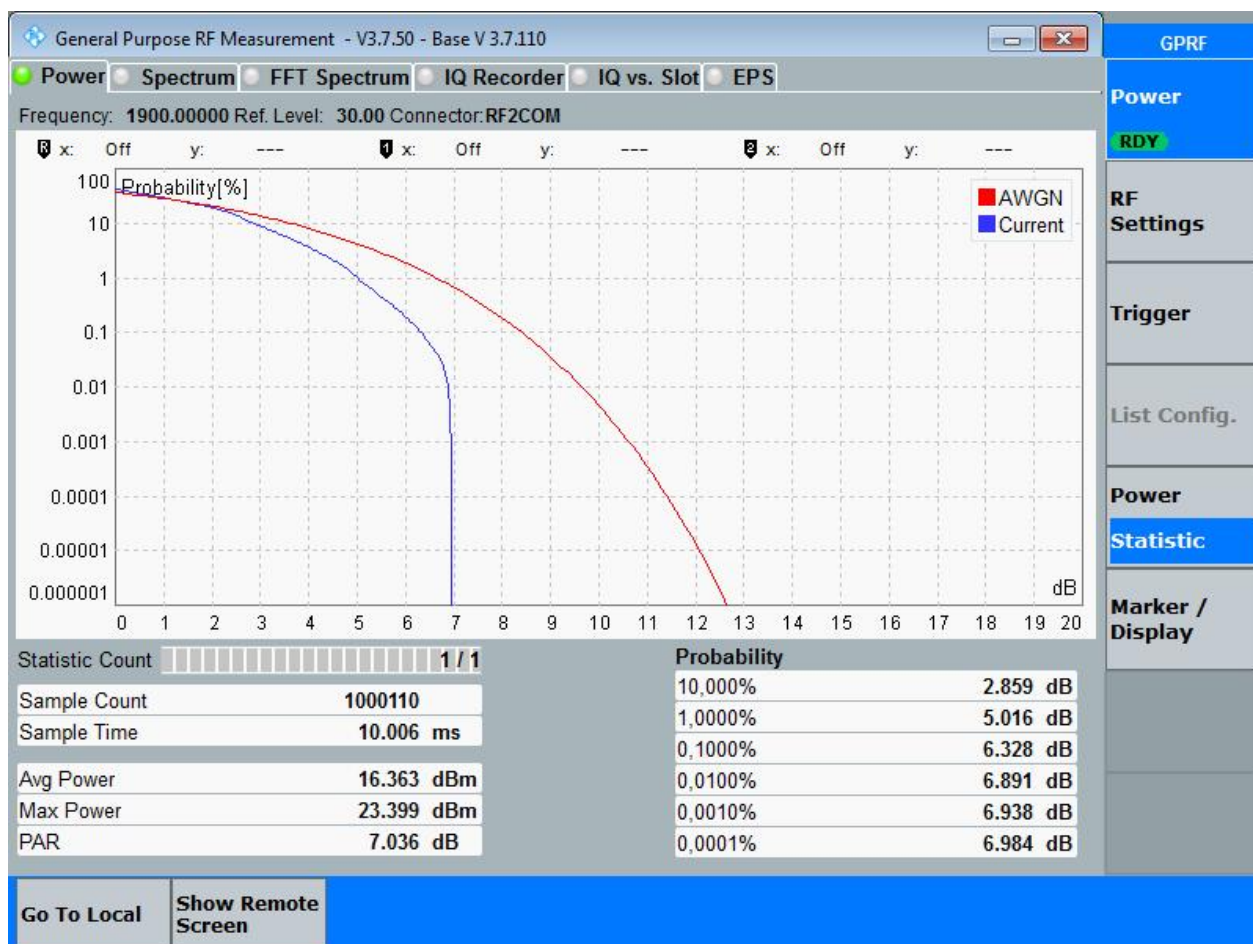
1.10 LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



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

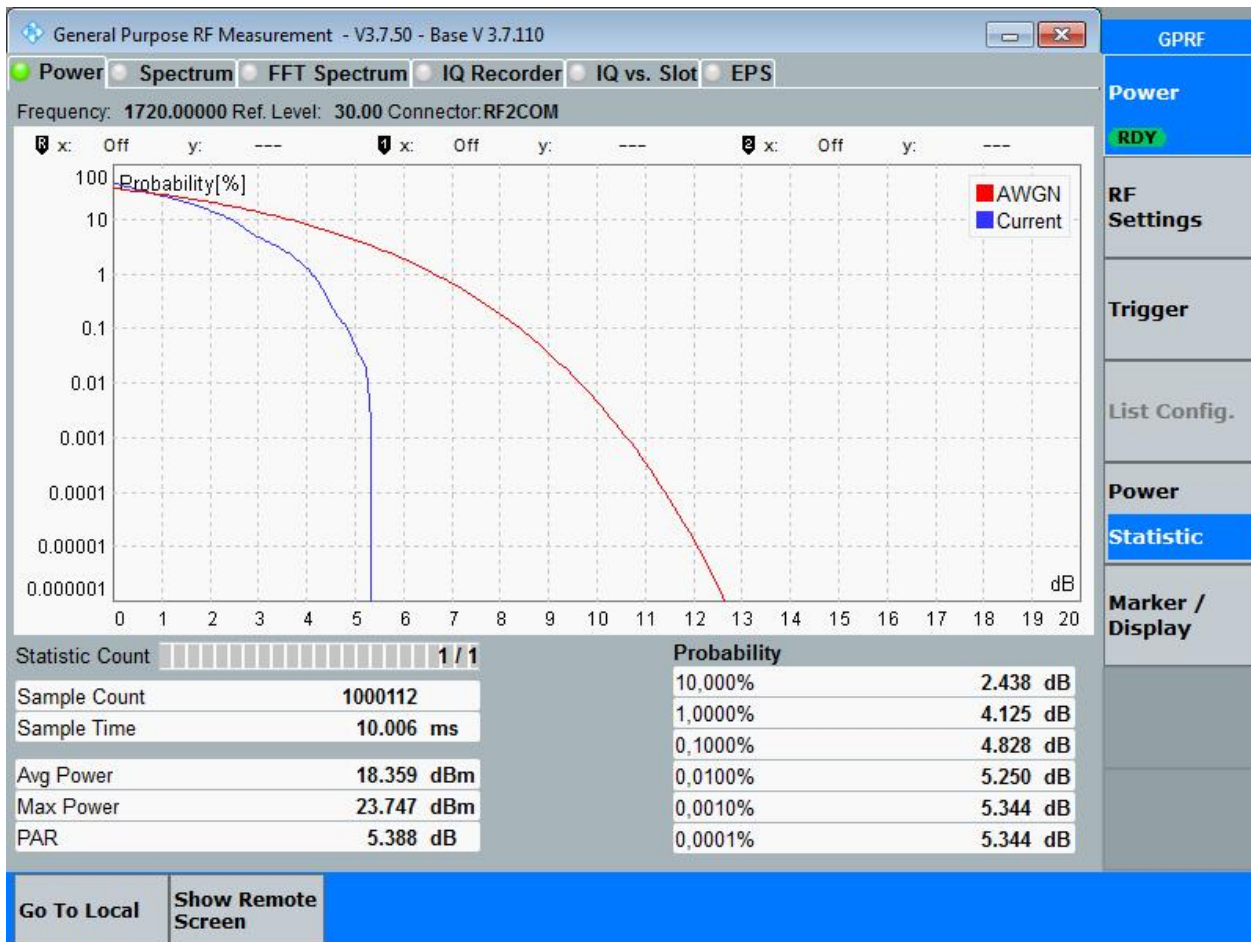


1.12 LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)(NTNV)

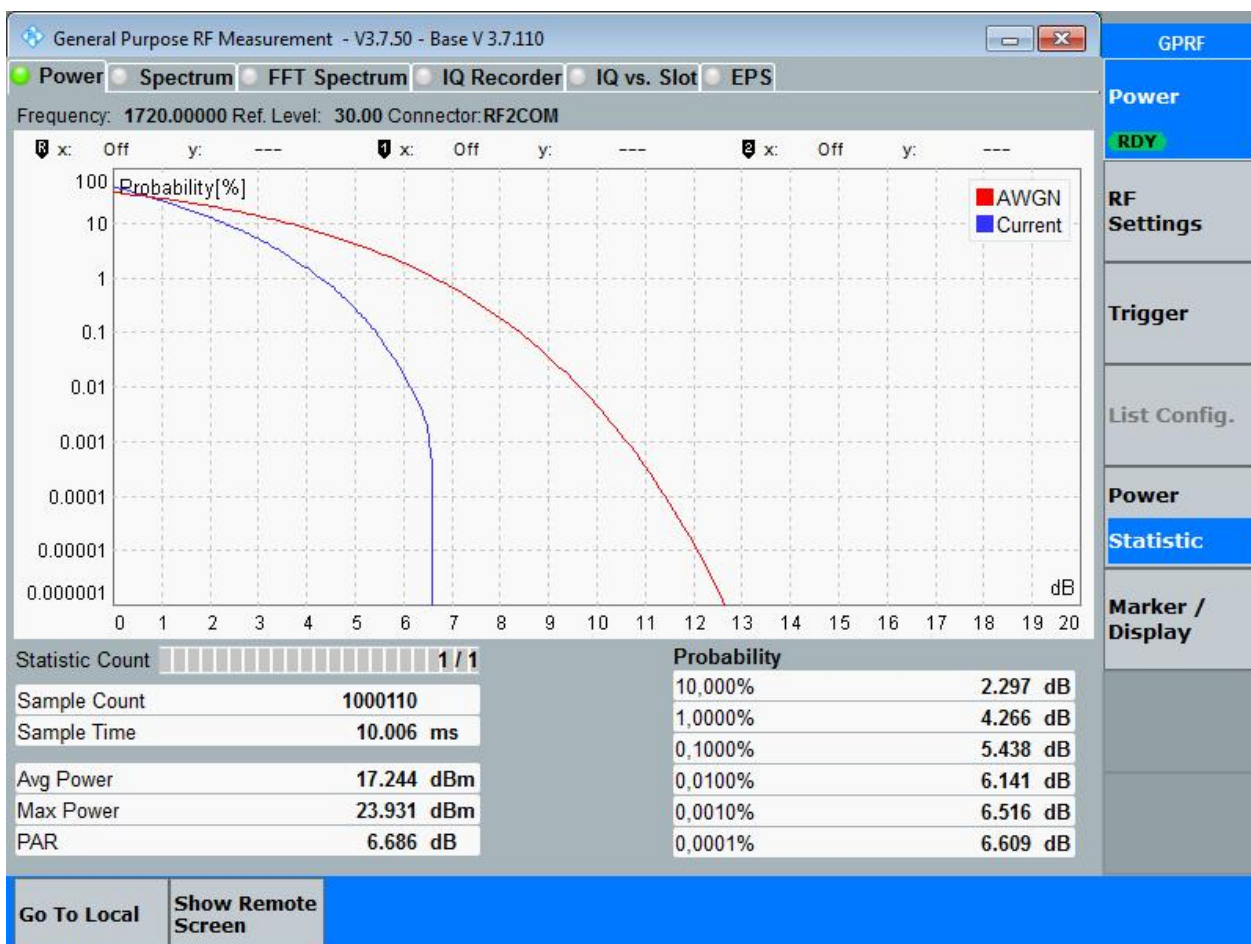


2. LTE_Band4

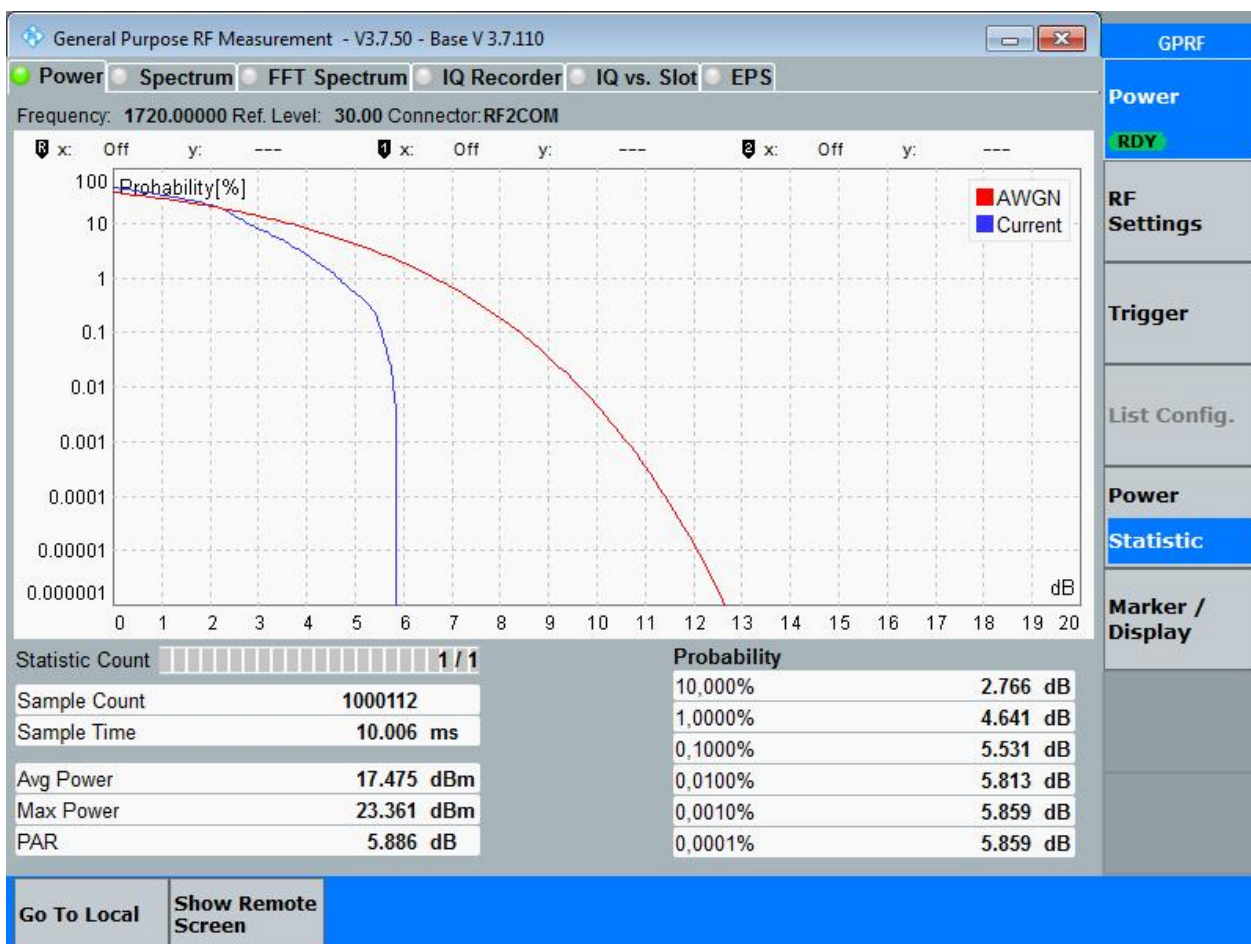
2.1 LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



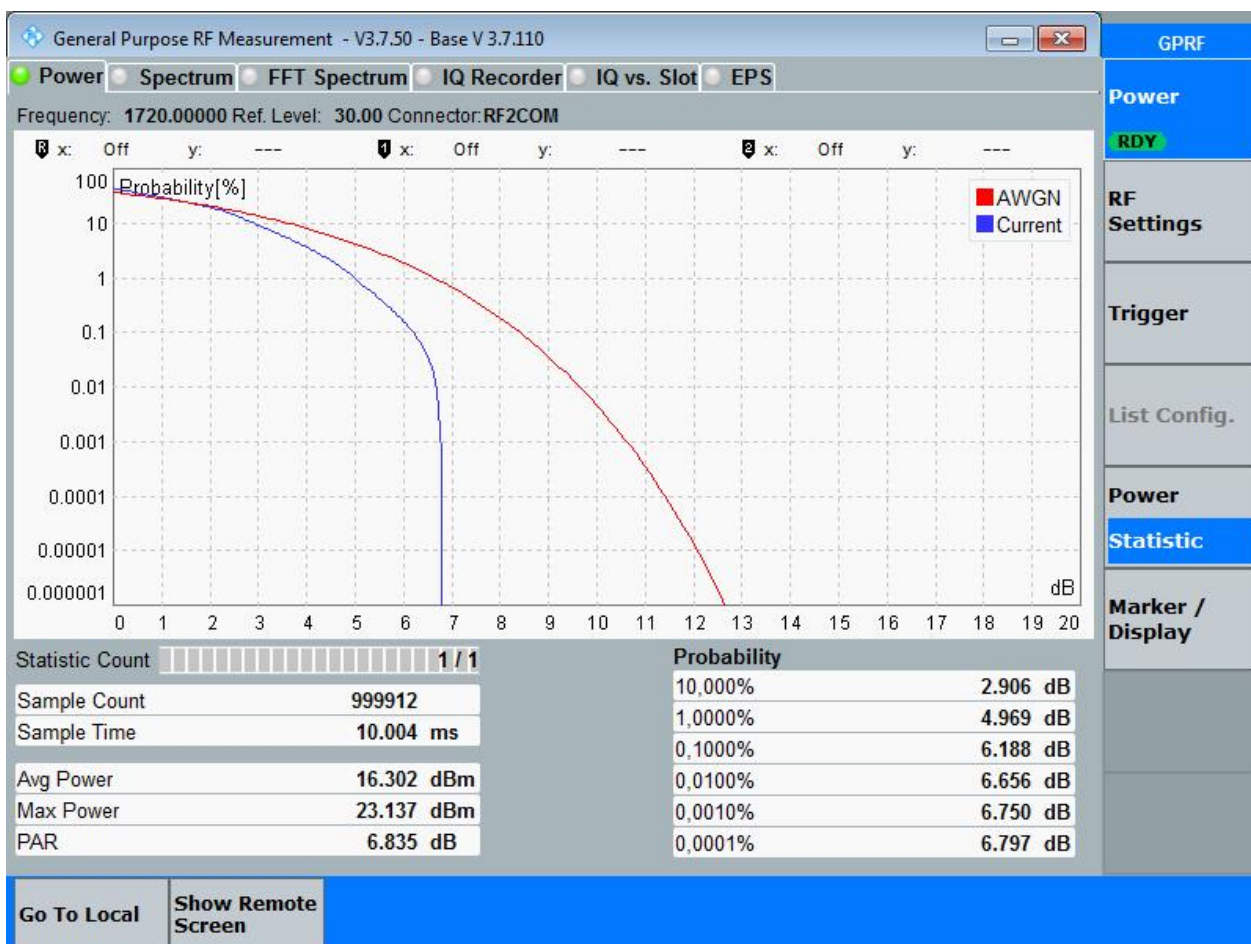
2.2 LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



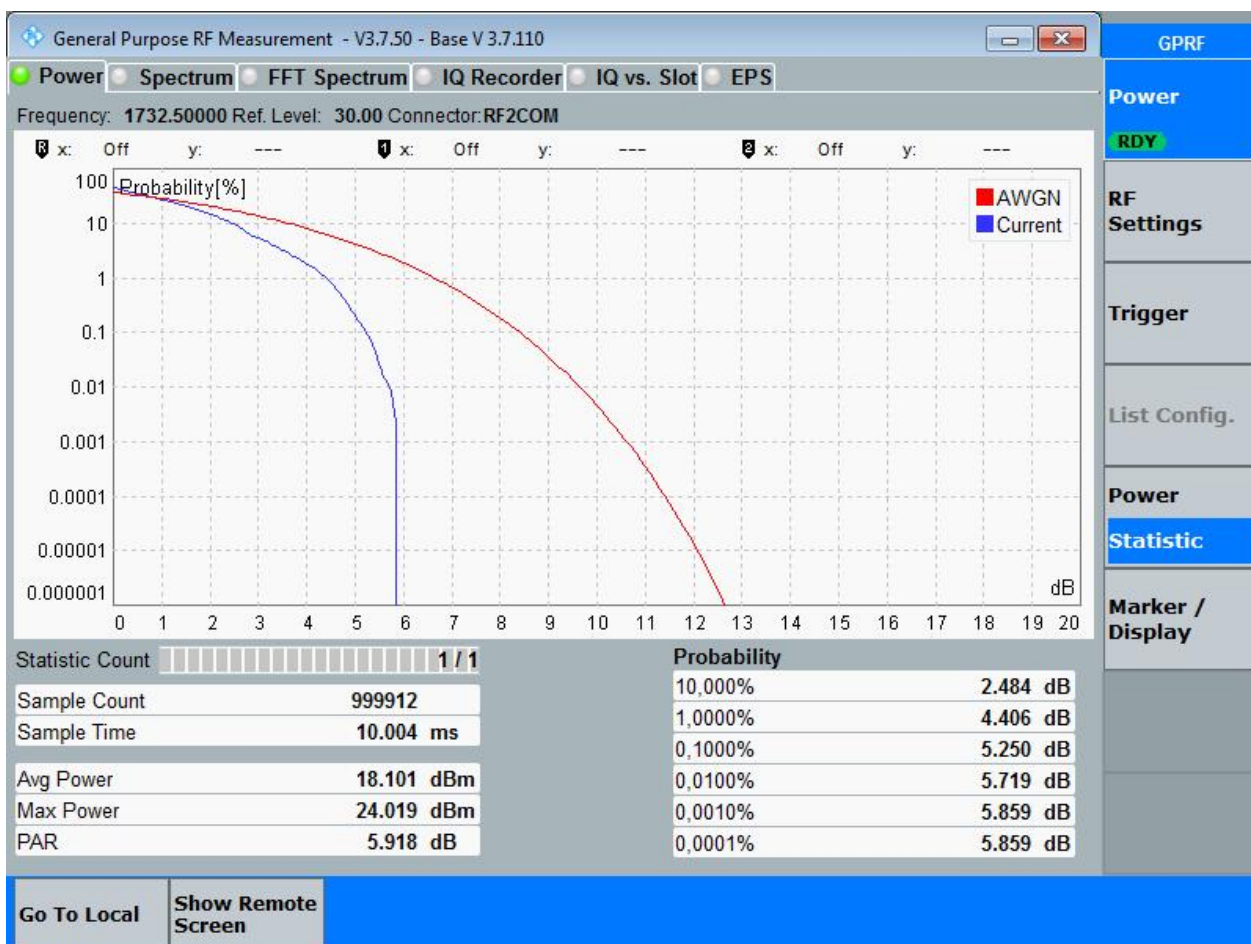
2.3 LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



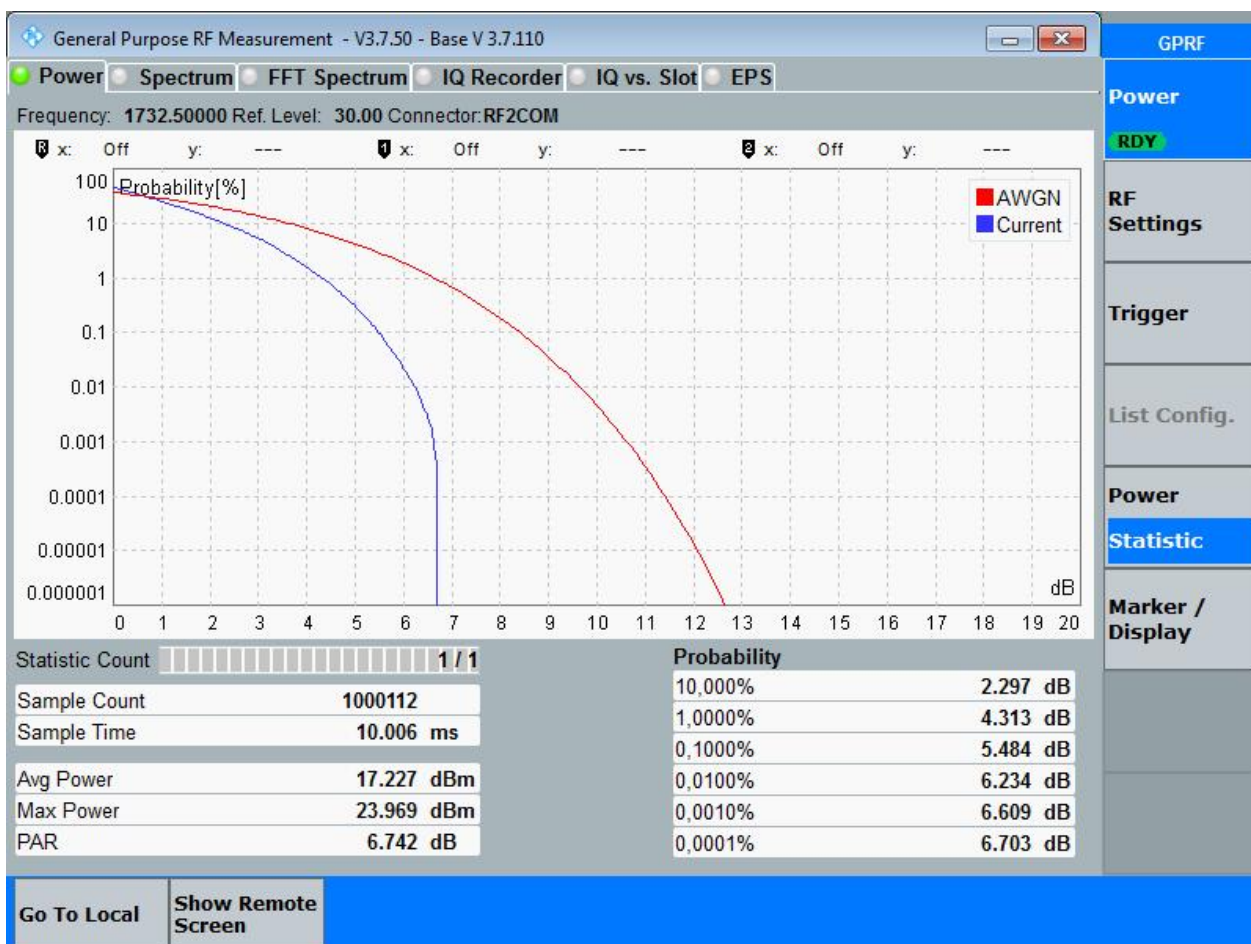
2.4 LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)(NTNV)



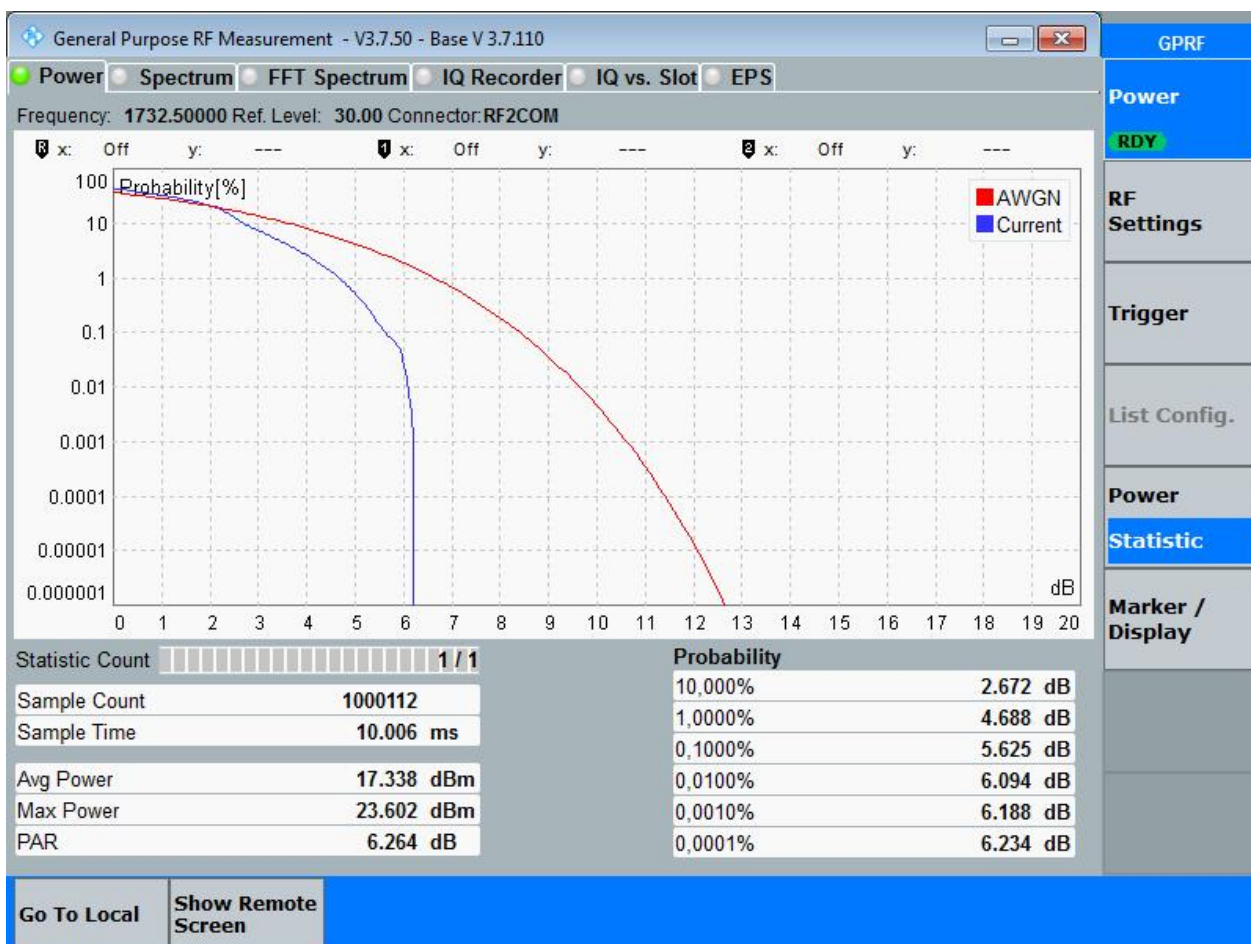
2.5 LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



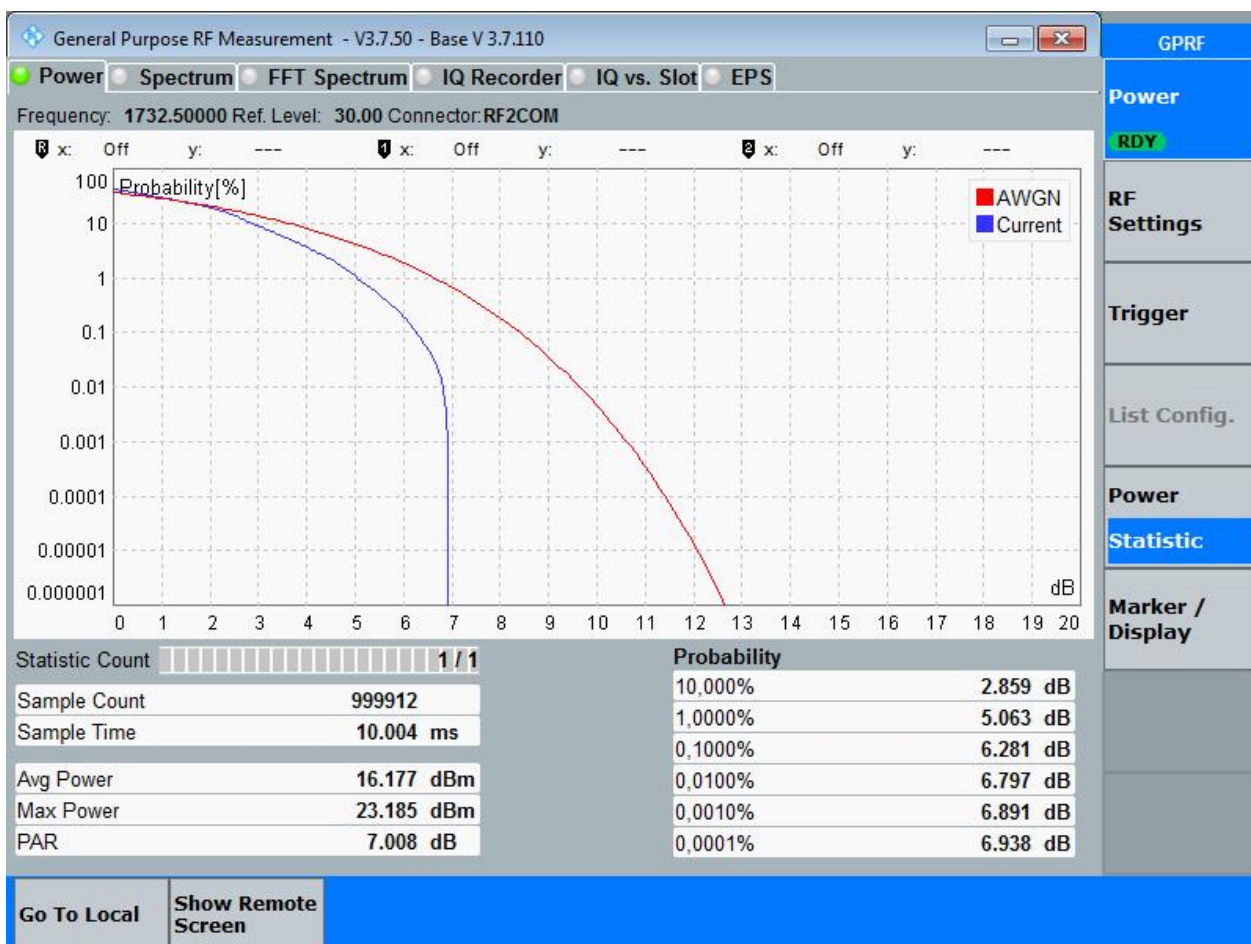
2.6 LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



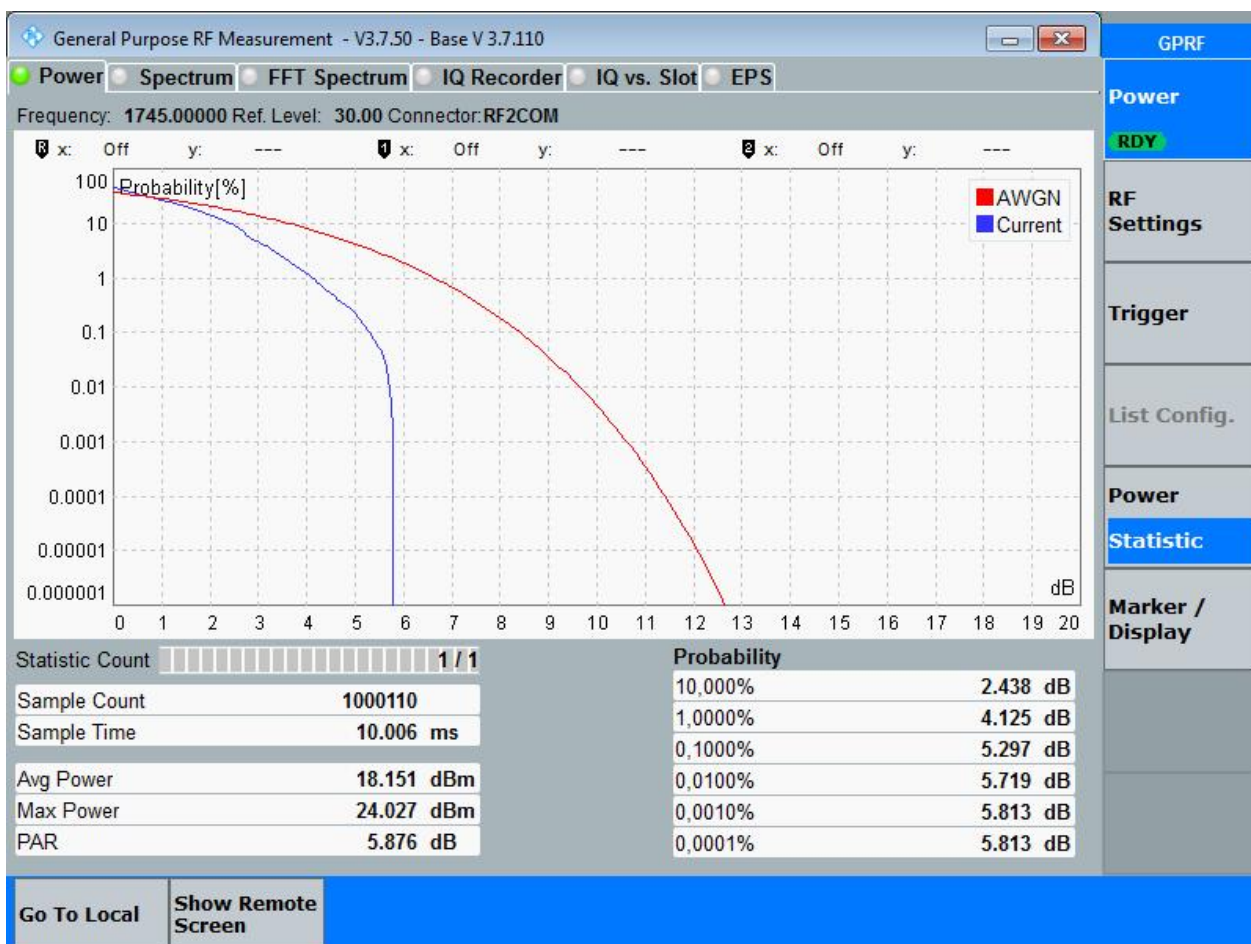
2.7 LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



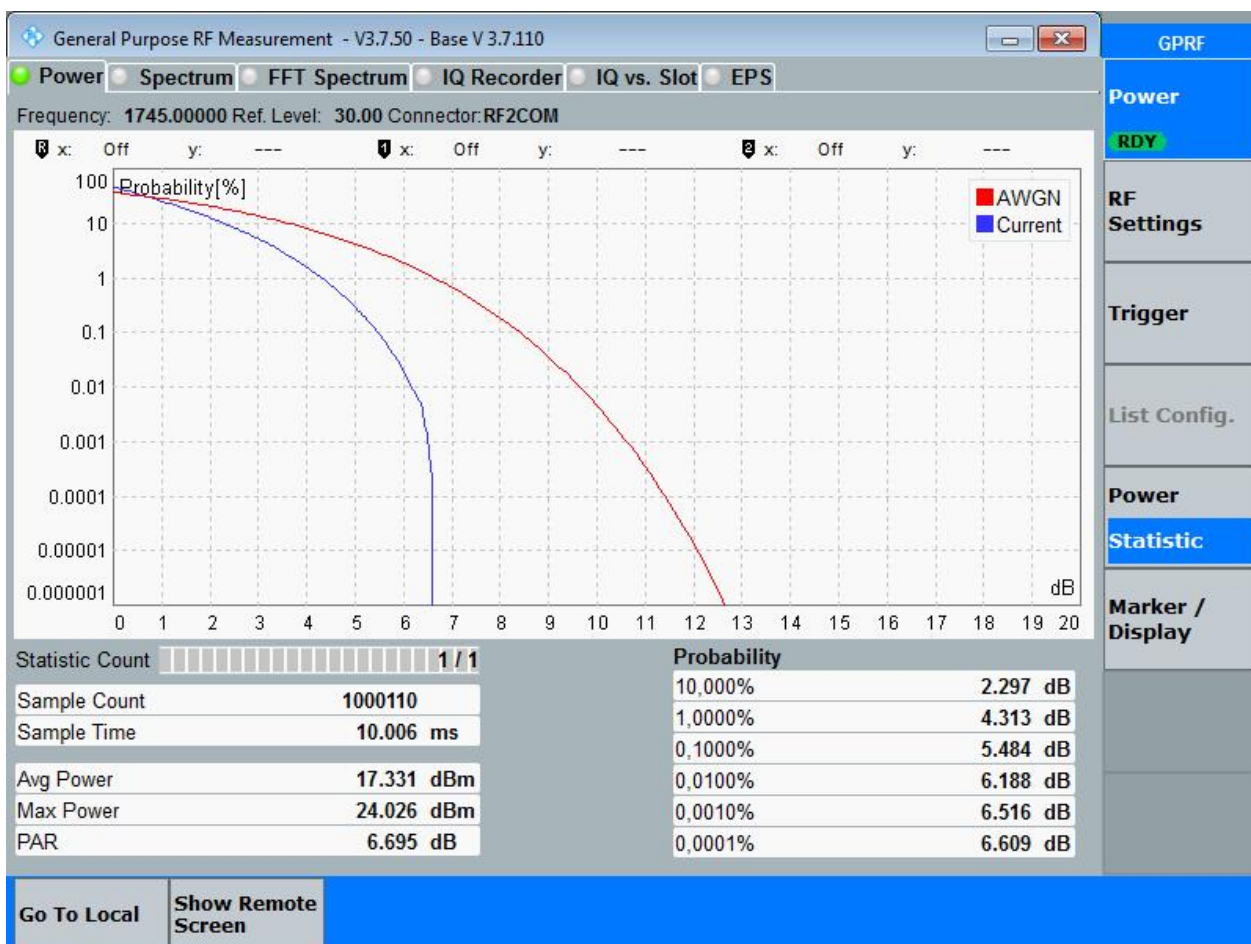
2.8 LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)(NTNV)



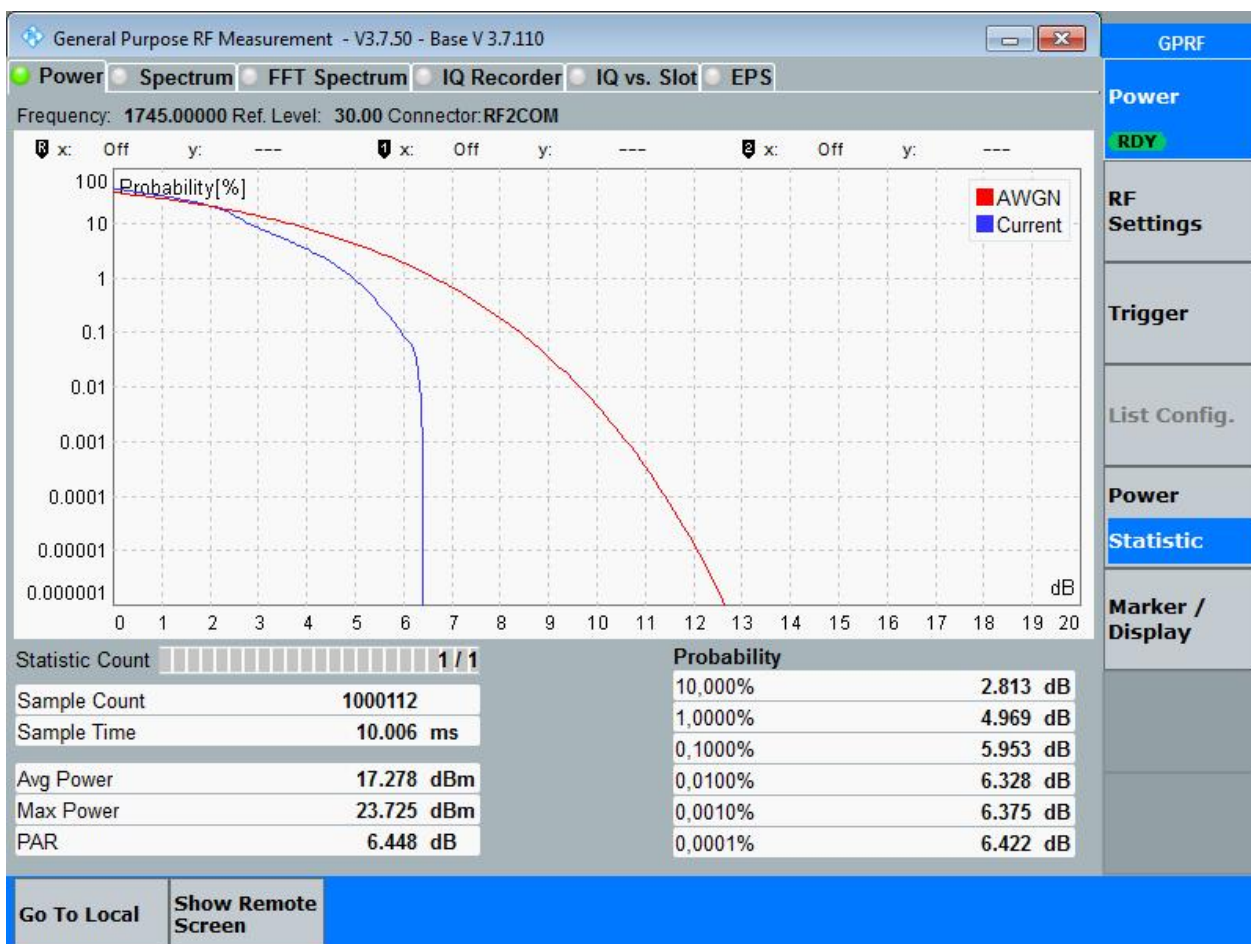
2.9 LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



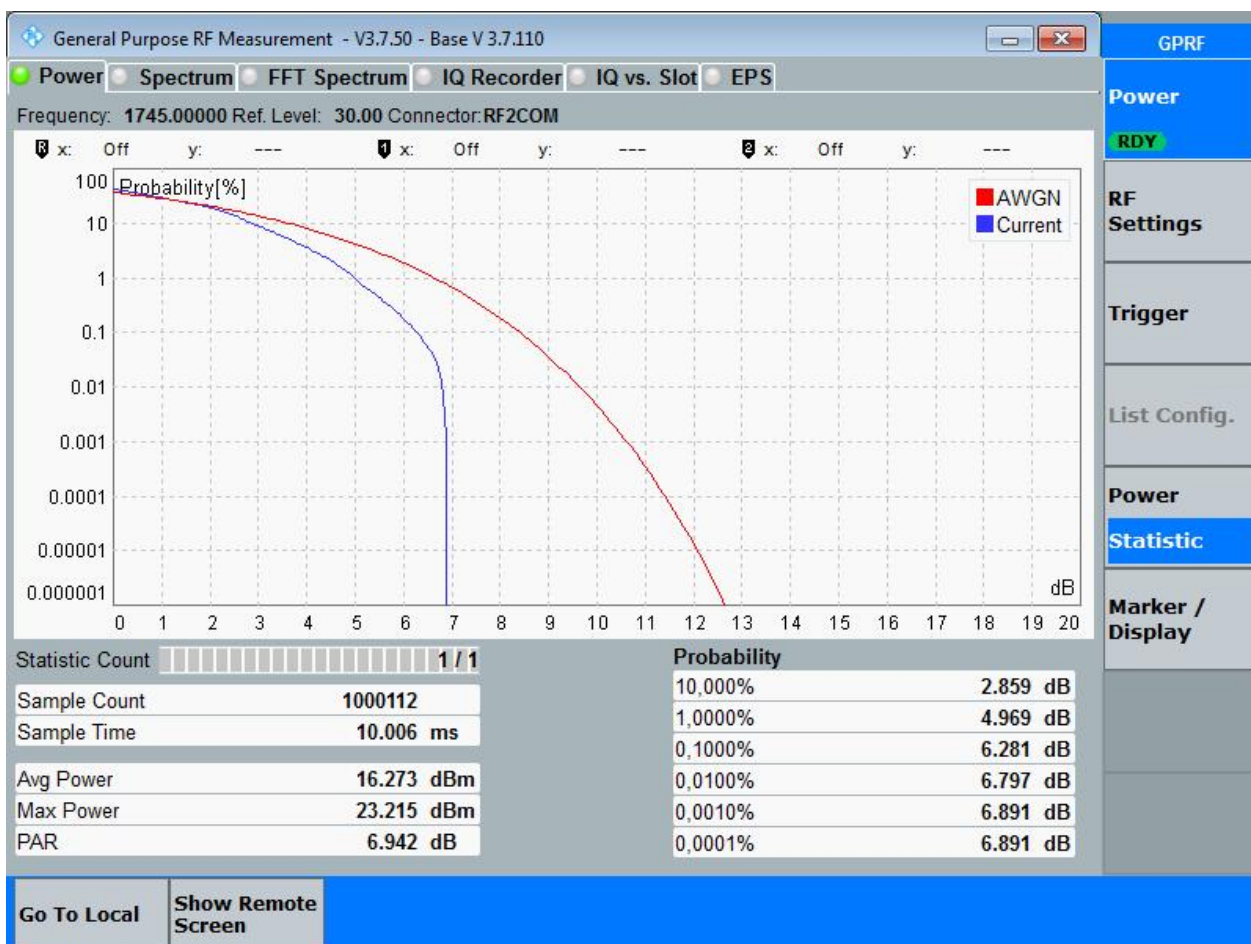
2.10 LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



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

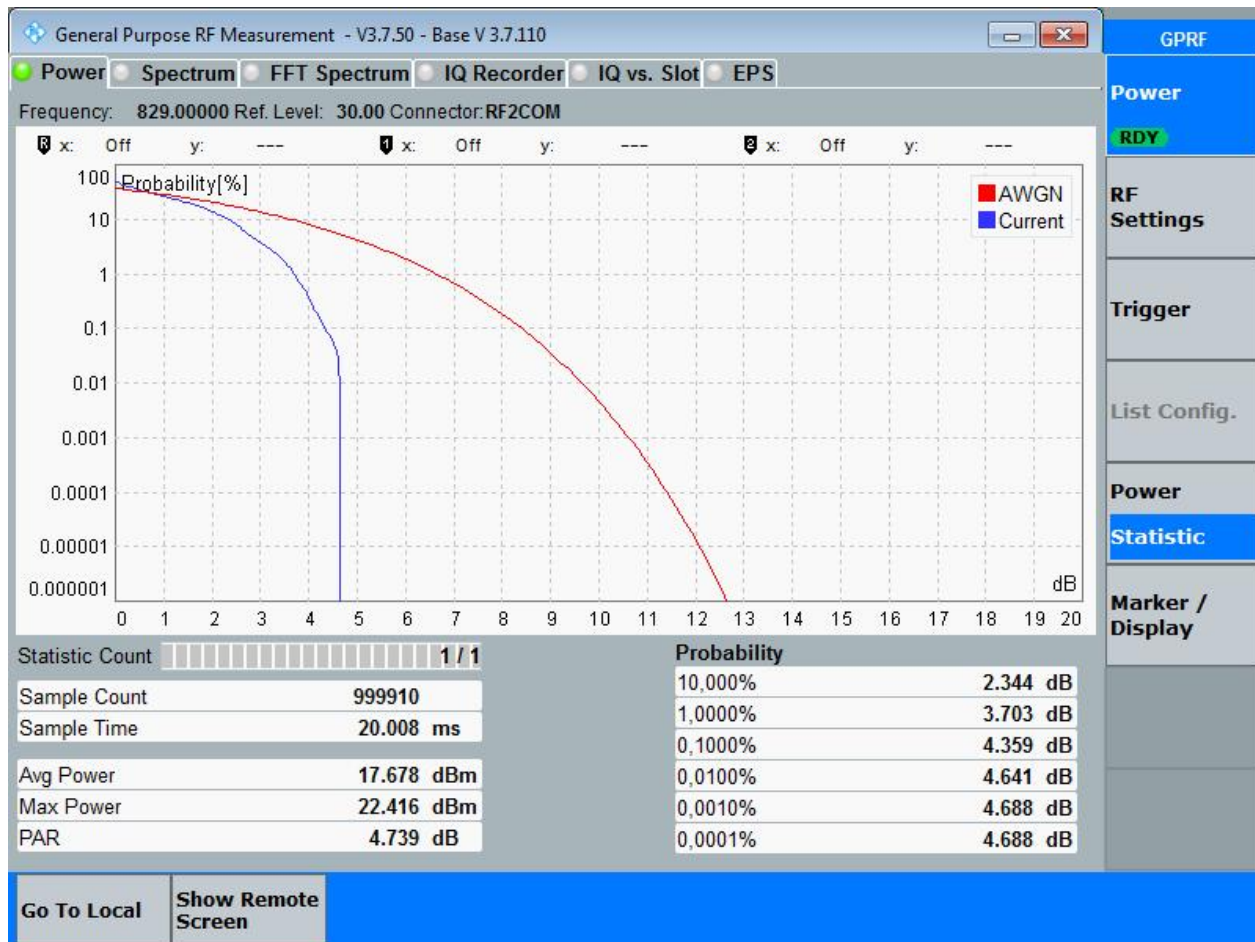


2.12 LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number:27, RB Position:0)(NTNV)

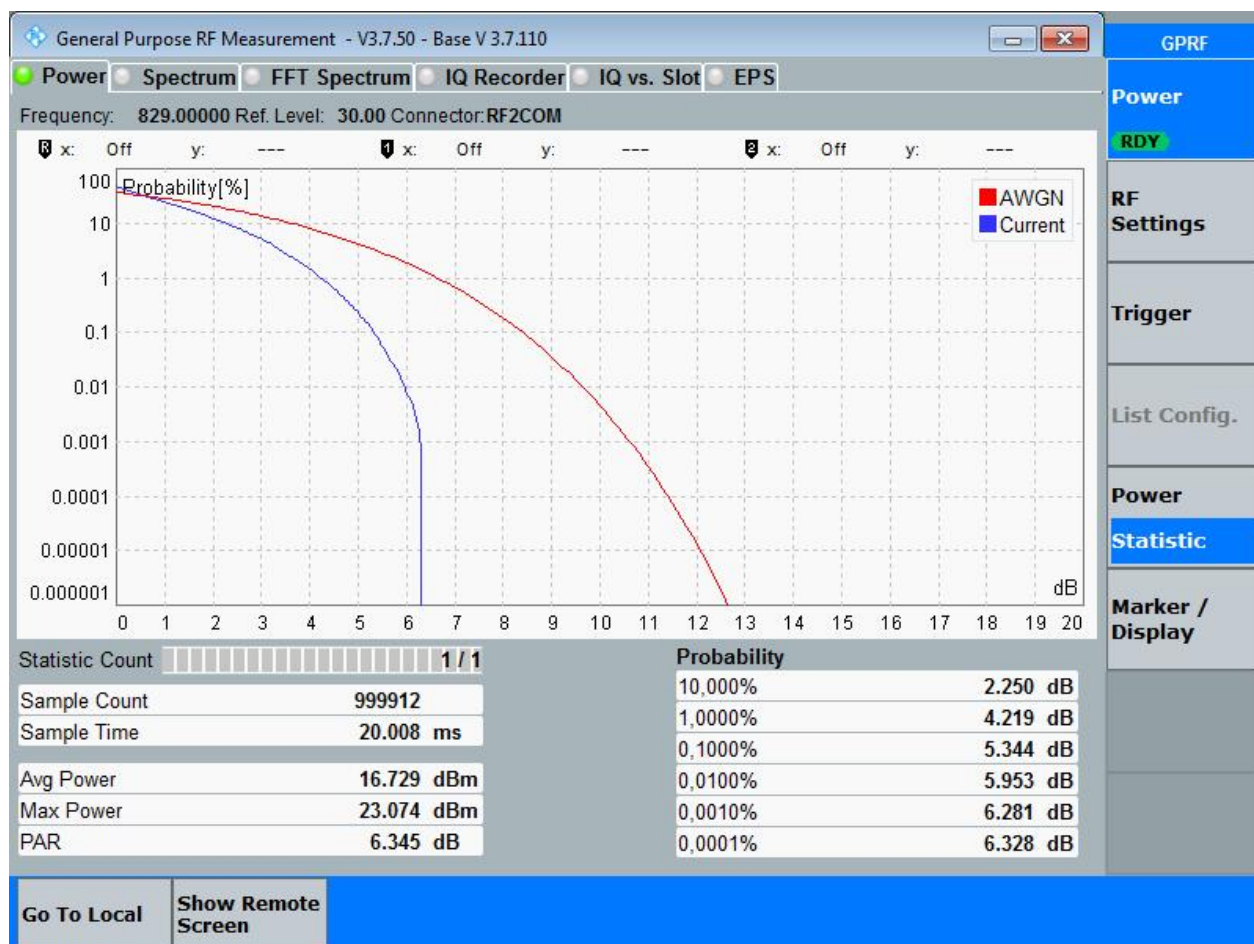


3. LTE_Band5

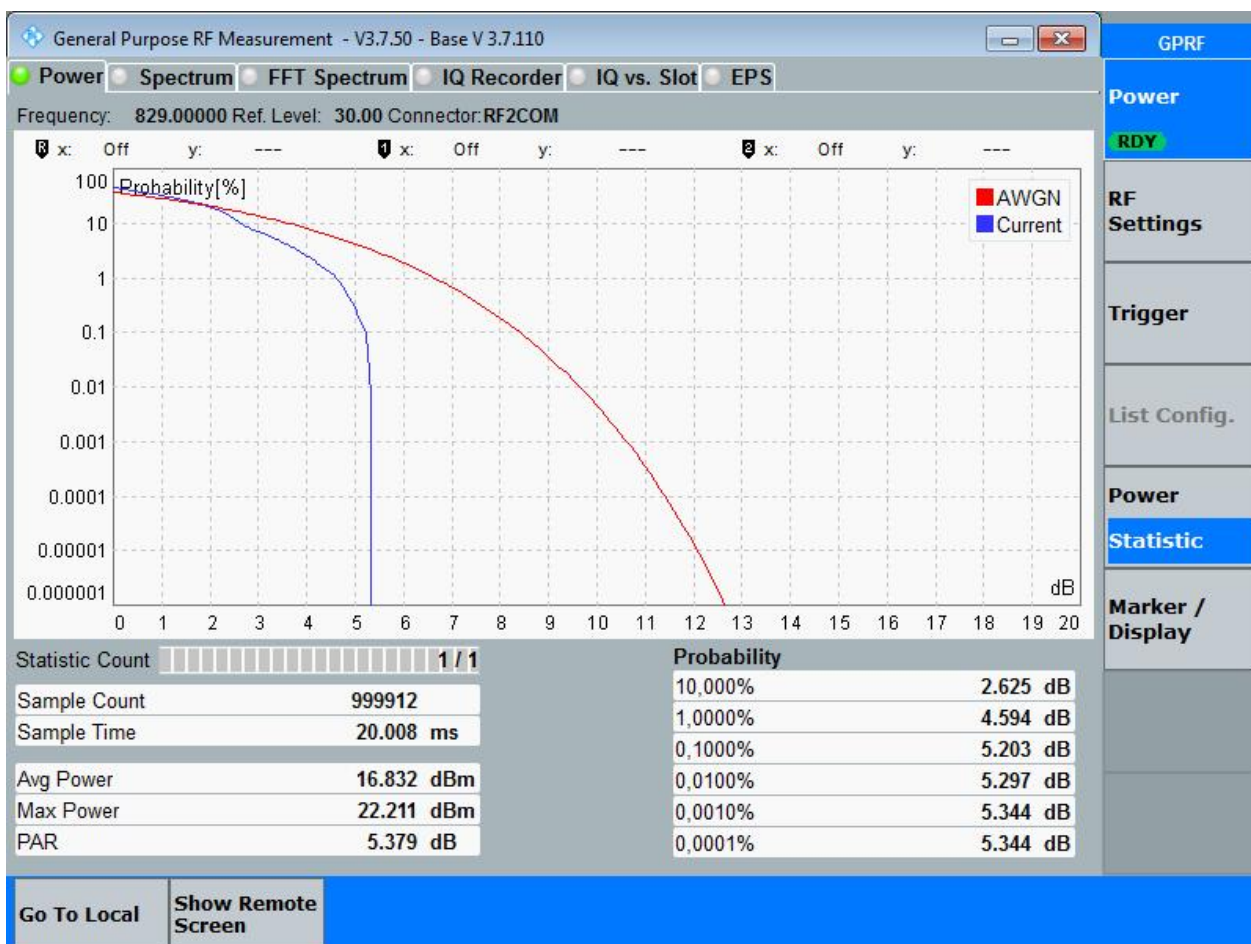
3.1 LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



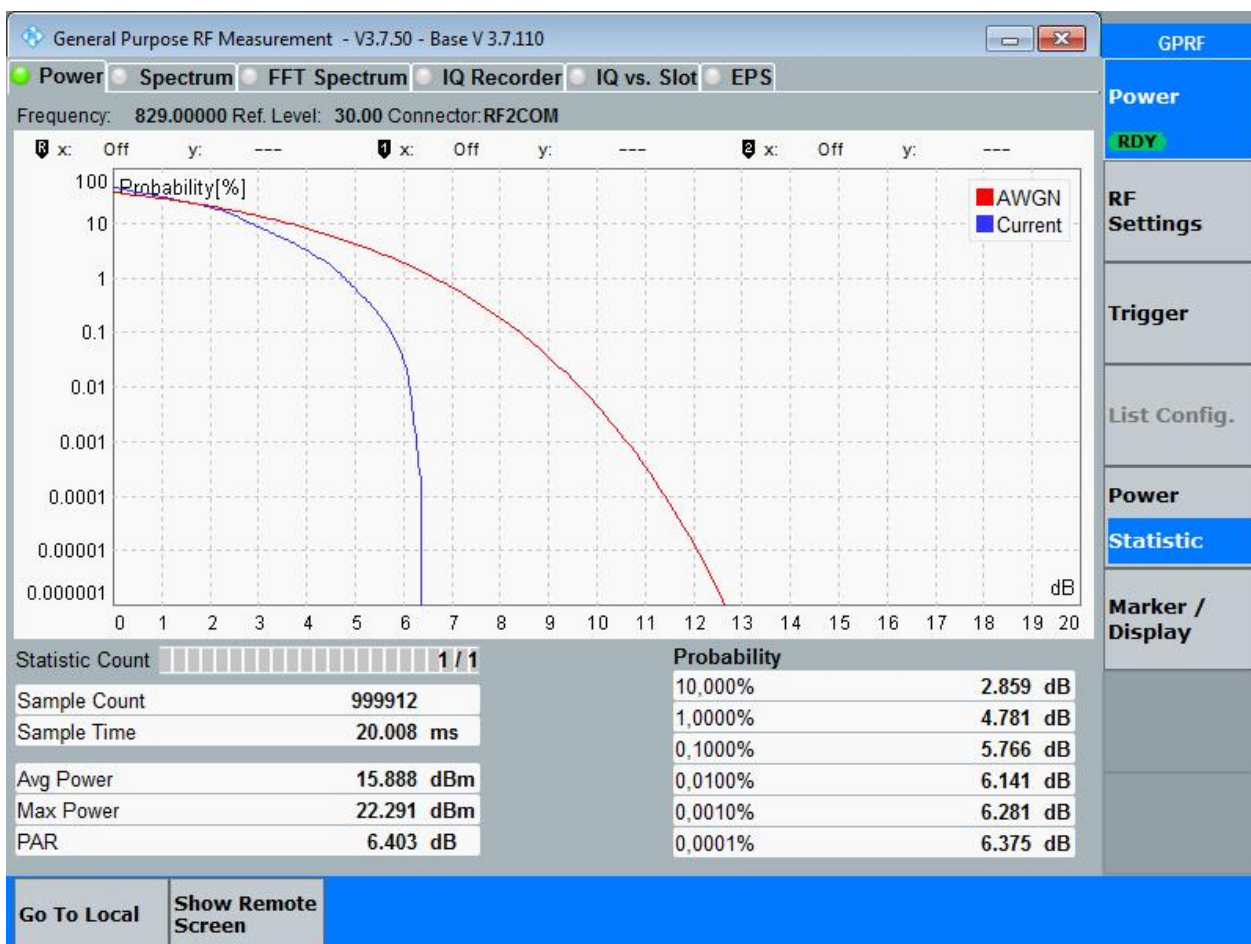
3.2 LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



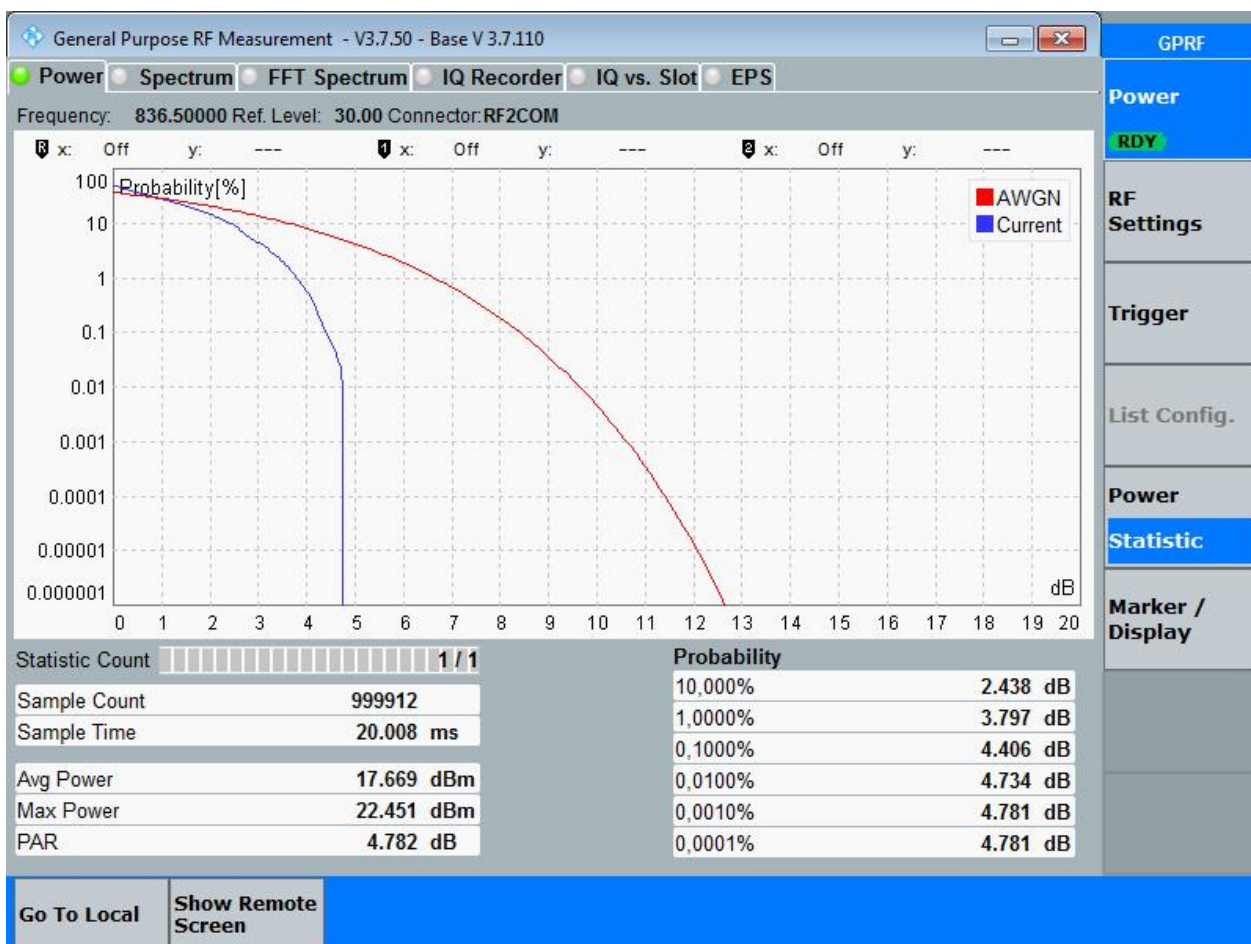
3.3 LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



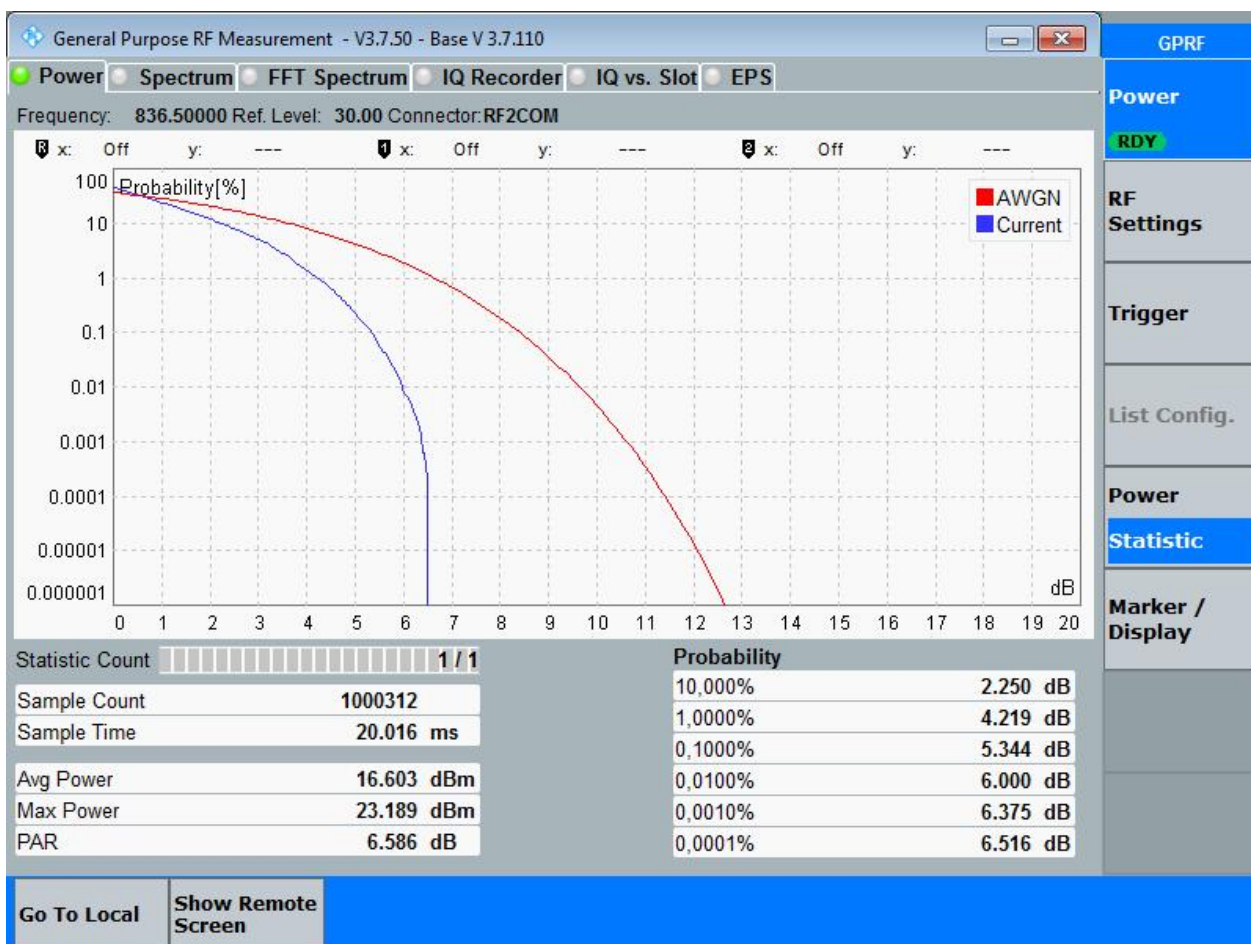
3.4 LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:27, RB Position:0)(NTNV)



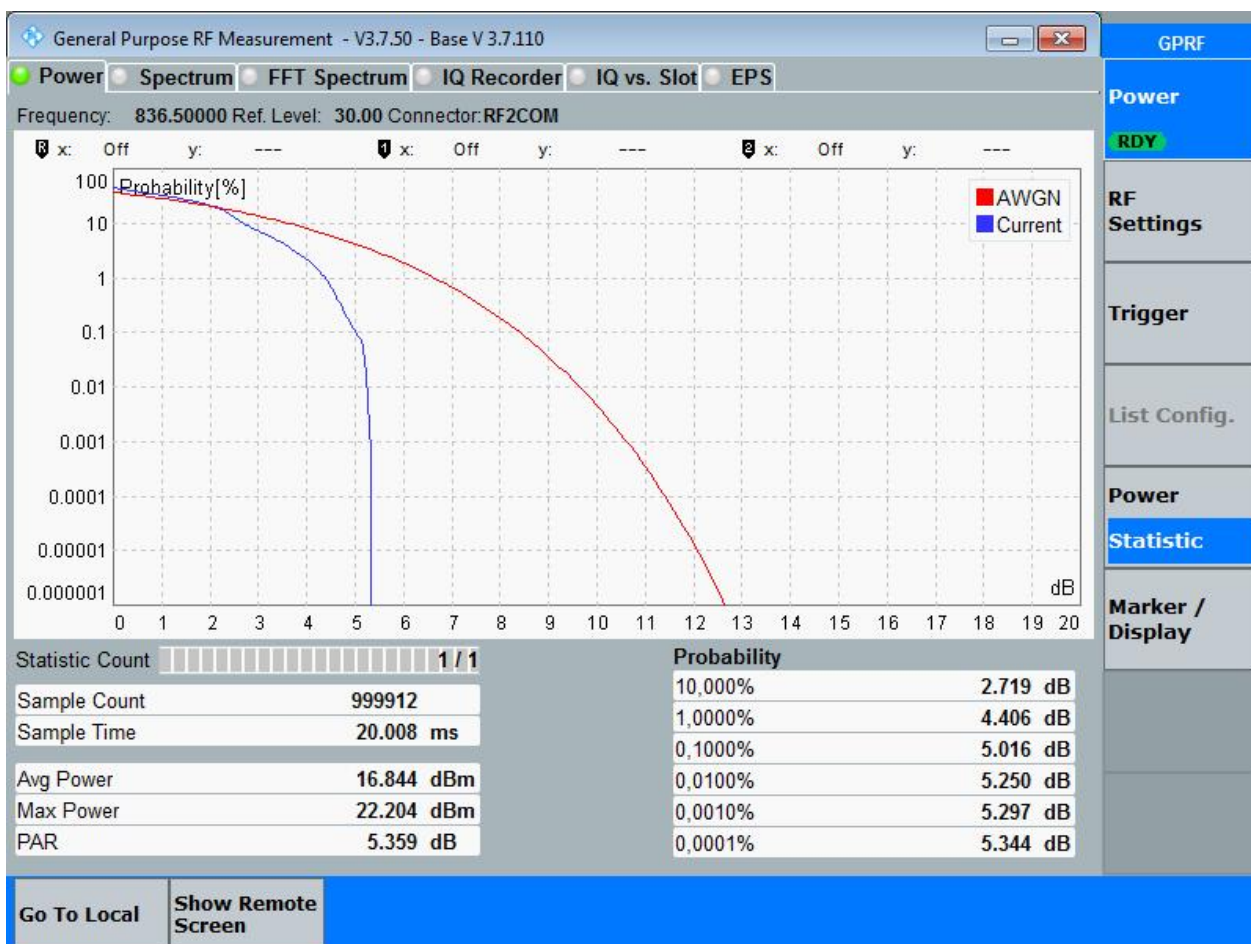
3.5 LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



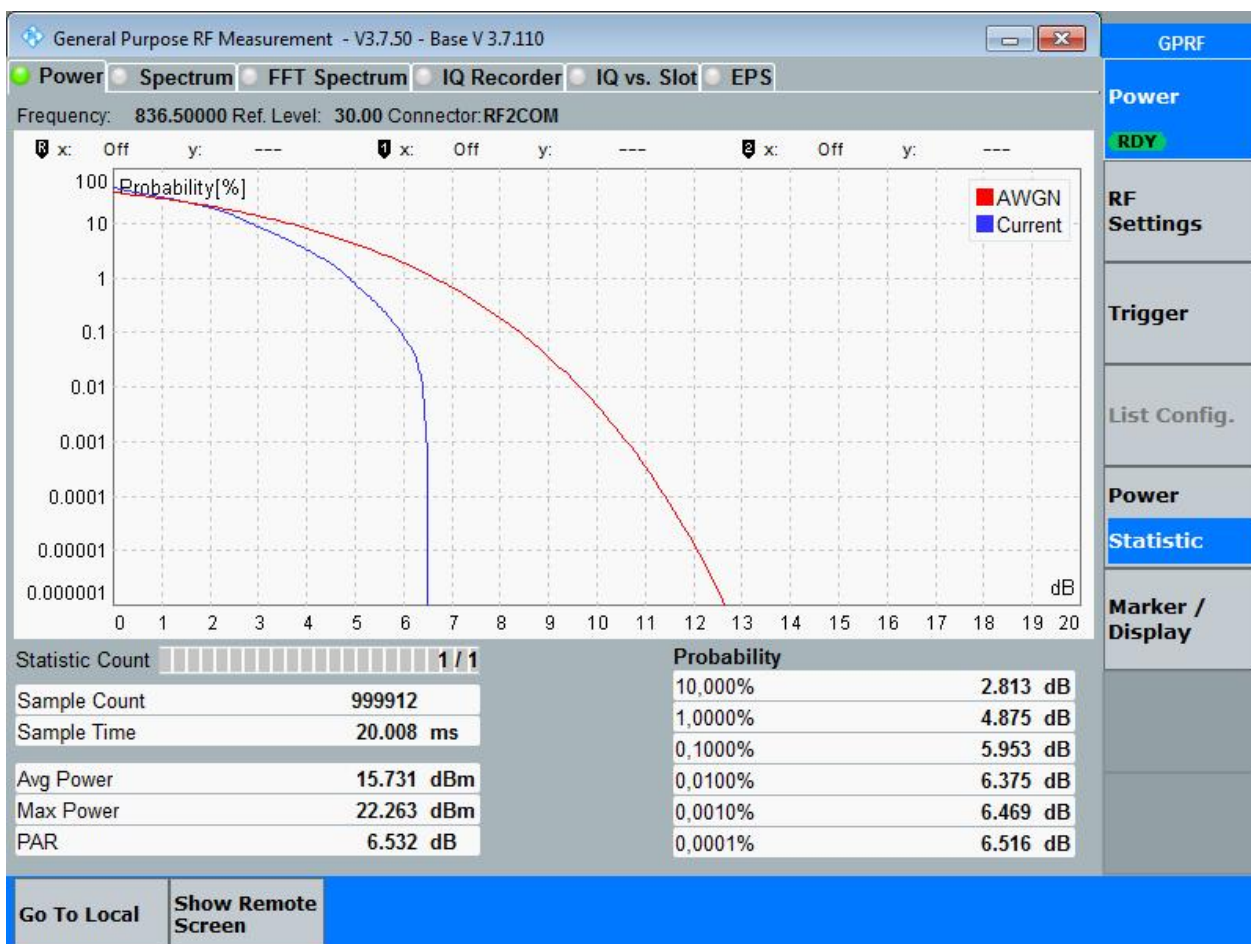
3.6 LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



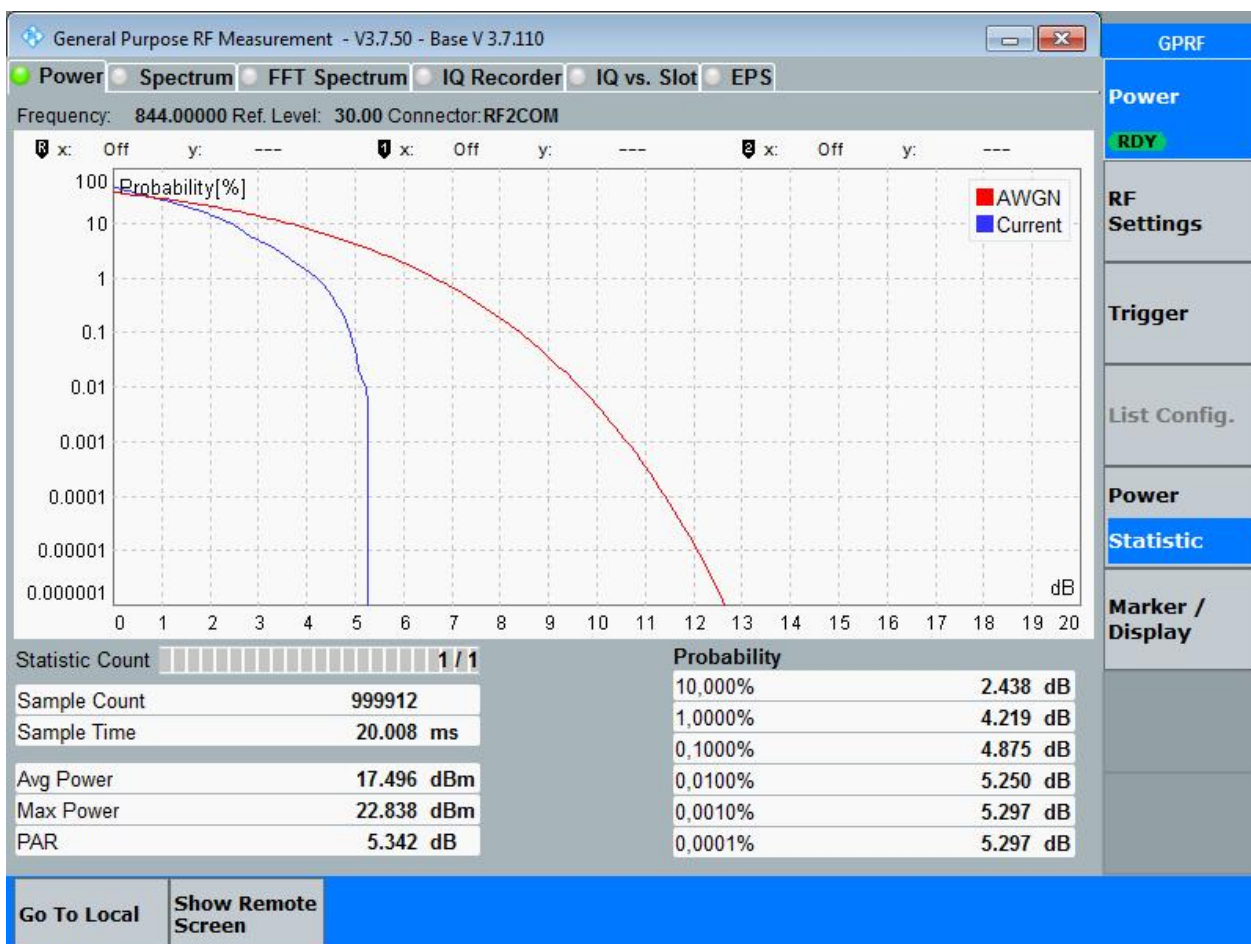
3.7 LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



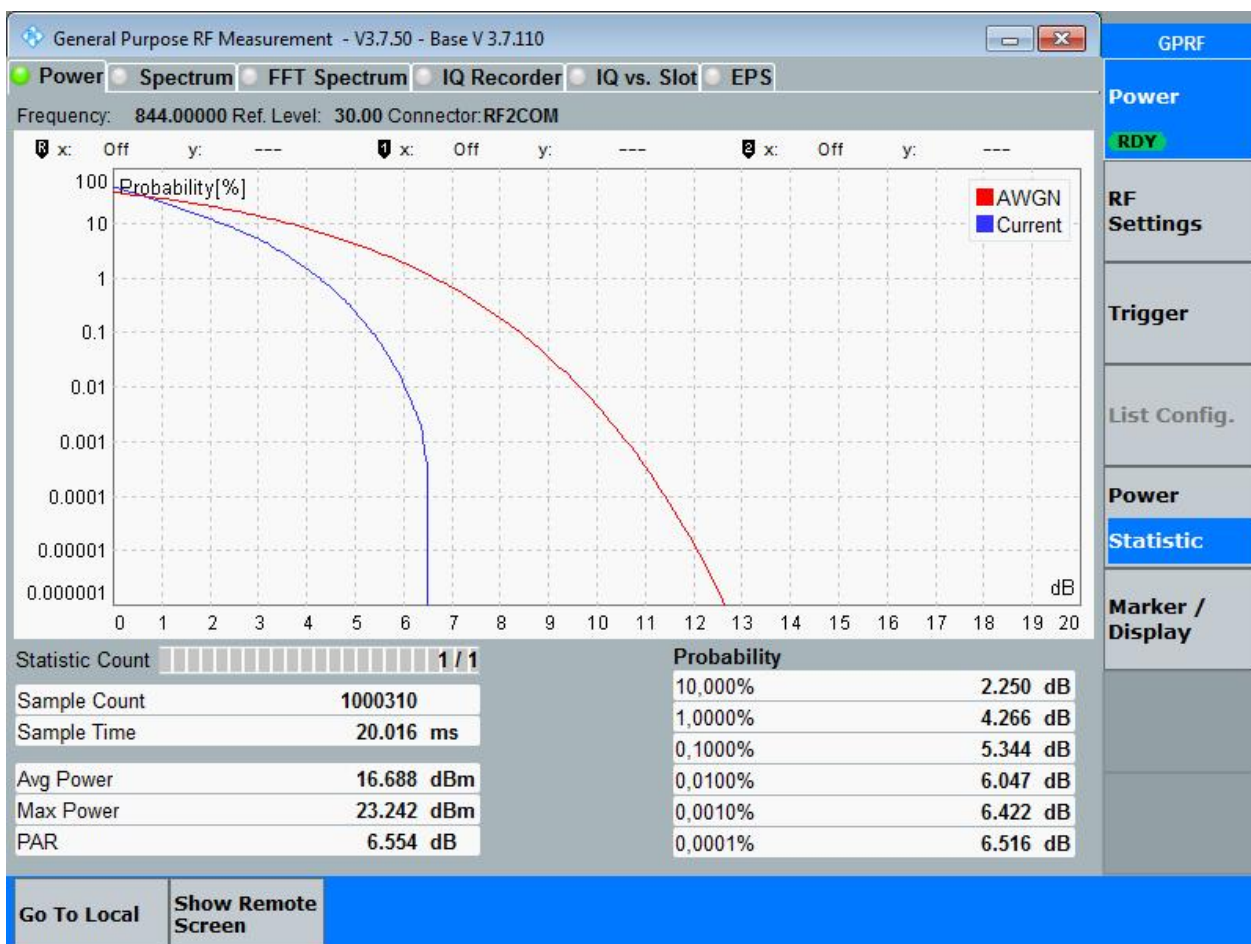
3.8 LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:27, RB Position:0)(NTNV)



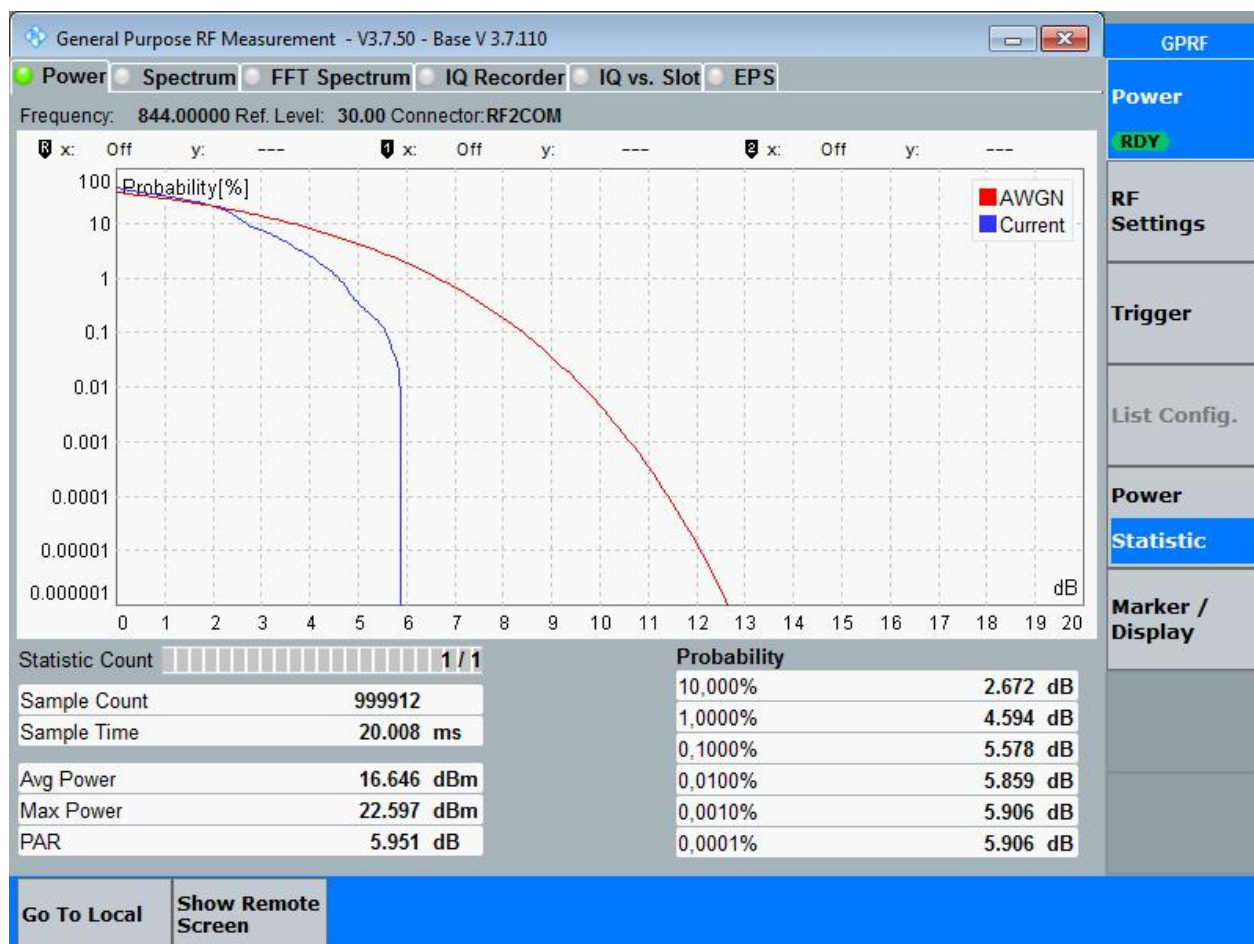
3.9 LTE Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



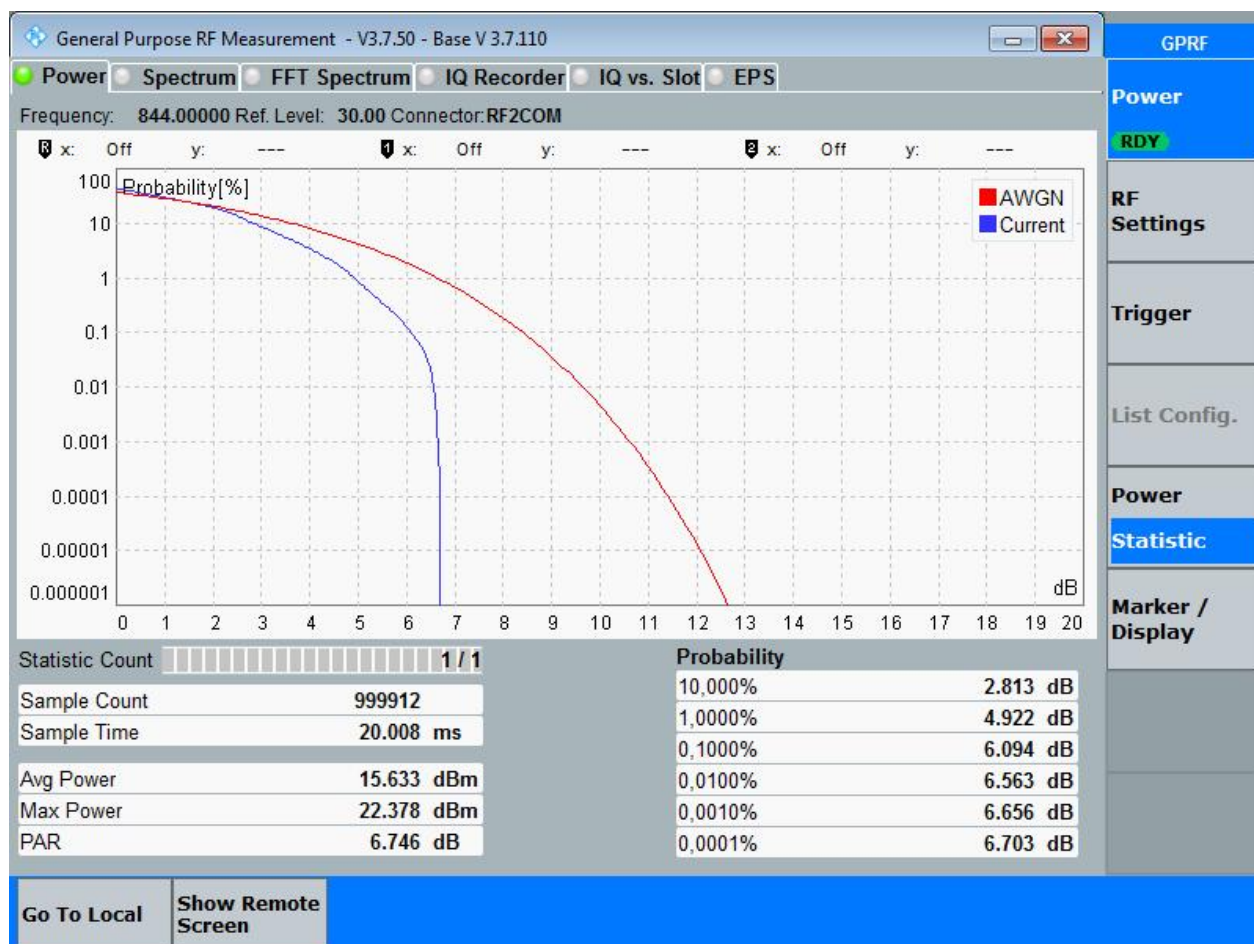
3.10 LTE Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



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



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



4. LTE_Band12

4.1 LTE Peak to Average Ratio_Part22-24-27(Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

