
Peak to Average Ratio

WCDMA Mode Test Data

Band	Channel	Peak to Average Ratio (dB)	Verdict
WCDMA_Band2	9262	2.91	Pass
WCDMA_Band2	9400	2.95	Pass
WCDMA_Band2	9538	3	Pass
WCDMA_Band4	1312	8.58	Pass
WCDMA_Band4	1412	2.91	Pass
WCDMA_Band4	1513	3	Pass
WCDMA_Band5	4132	3	Pass
WCDMA_Band5	4182	3.05	Pass
WCDMA_Band5	4233	2.95	Pass

LTE Mode Test Data

Band	Bandwidth (MHz)	Channel	Mode	RB No.	RB Pos.	Peak to Average Ratio (dB)	Verdict
LTE_Band2	20	18700	QPSK	1	0	4.45	Pass
LTE_Band2	20	18700	QPSK	100	0	5.39	Pass
LTE_Band2	20	18700	16QAM	1	0	5.06	Pass
LTE_Band2	20	18700	16QAM	100	0	6.09	Pass
LTE_Band2	20	18900	QPSK	1	0	4.97	Pass
LTE_Band2	20	18900	QPSK	100	0	5.58	Pass
LTE_Band2	20	18900	16QAM	1	0	5.67	Pass
LTE_Band2	20	18900	16QAM	100	0	6.28	Pass
LTE_Band2	20	19100	QPSK	1	0	4.92	Pass
LTE_Band2	20	19100	QPSK	100	0	5.48	Pass
LTE_Band2	20	19100	16QAM	1	0	5.91	Pass
LTE_Band2	20	19100	16QAM	100	0	6.09	Pass
LTE_Band4	20	20050	QPSK	1	0	4.59	Pass
LTE_Band4	20	20050	QPSK	100	0	5.48	Pass
LTE_Band4	20	20050	16QAM	1	0	5.25	Pass
LTE_Band4	20	20050	16QAM	100	0	6.23	Pass
LTE_Band4	20	20175	QPSK	1	0	4.64	Pass
LTE_Band4	20	20175	QPSK	100	0	5.25	Pass
LTE_Band4	20	20175	16QAM	1	0	5.39	Pass
LTE_Band4	20	20175	16QAM	100	0	6	Pass
LTE_Band4	20	20300	QPSK	1	0	4.31	Pass
LTE_Band4	20	20300	QPSK	100	0	5.44	Pass
LTE_Band4	20	20300	16QAM	1	0	5.34	Pass
LTE_Band4	20	20300	16QAM	100	0	6.14	Pass
LTE_Band5	10	20450	QPSK	1	0	4.92	Pass
LTE_Band5	10	20450	QPSK	50	0	5.62	Pass
LTE_Band5	10	20450	16QAM	1	0	5.86	Pass
LTE_Band5	10	20450	16QAM	50	0	6.37	Pass
LTE_Band5	10	20525	QPSK	1	0	4.78	Pass
LTE_Band5	10	20525	QPSK	50	0	5.58	Pass
LTE_Band5	10	20525	16QAM	1	0	5.77	Pass
LTE_Band5	10	20525	16QAM	50	0	6.37	Pass
LTE_Band5	10	20600	QPSK	1	0	4.55	Pass
LTE_Band5	10	20600	QPSK	50	0	5.44	Pass
LTE_Band5	10	20600	16QAM	1	0	5.3	Pass
LTE_Band5	10	20600	16QAM	50	0	6.23	Pass
LTE_Band7	20	20850	QPSK	1	0	2.67	Pass
LTE_Band7	20	20850	QPSK	100	0	4.92	Pass

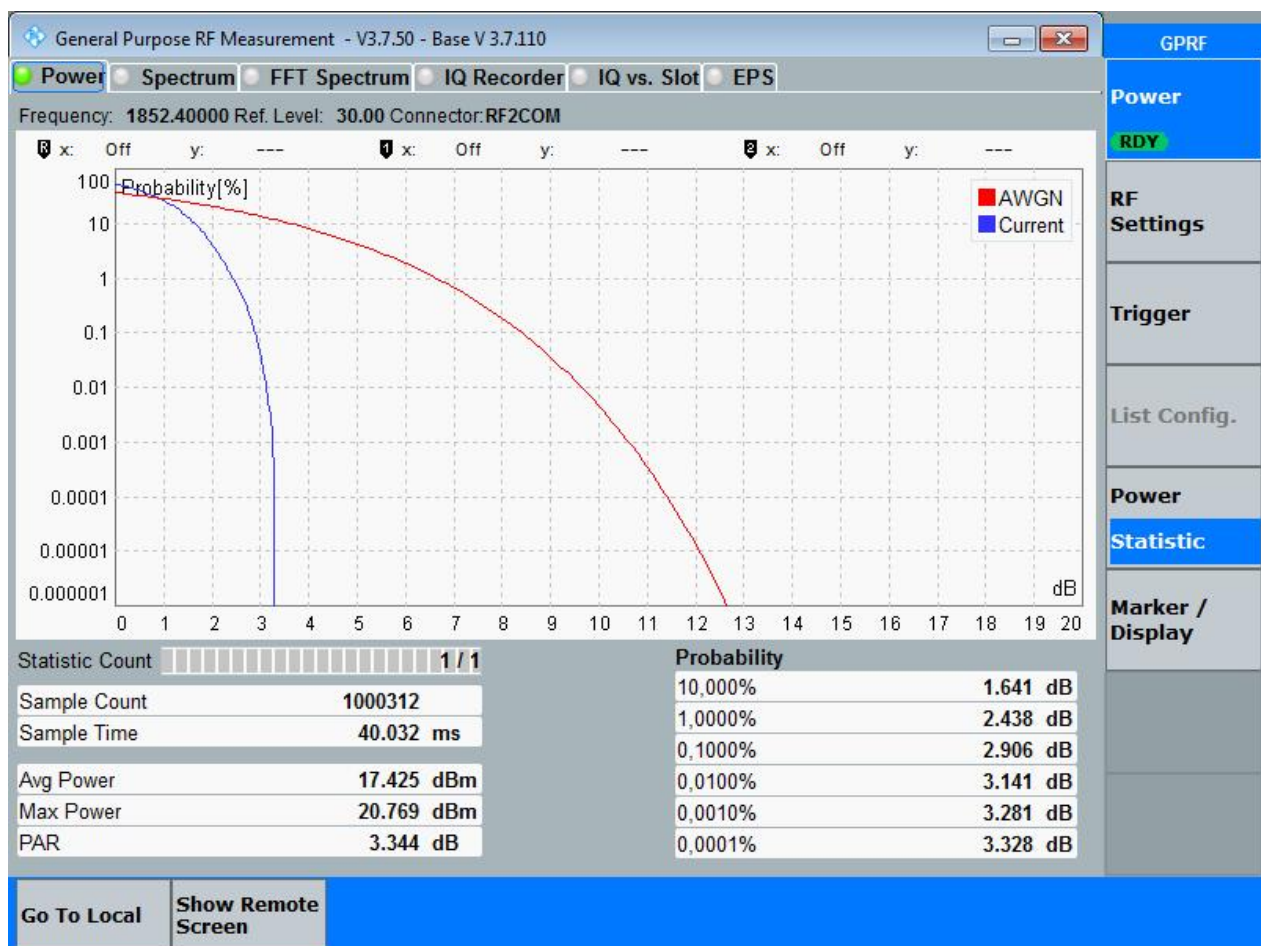
Band	Bandwidth (MHz)	Channel	Mode	RB No.	RB Pos.	Peak to Average Ratio (dB)	Verdict
LTE_Band7	20	20850	16QAM	1	0	3.61	Pass
LTE_Band7	20	20850	16QAM	100	0	5.72	Pass
LTE_Band7	20	21100	QPSK	1	0	3.47	Pass
LTE_Band7	20	21100	QPSK	100	0	5.2	Pass
LTE_Band7	20	21100	16QAM	1	0	4.36	Pass
LTE_Band7	20	21100	16QAM	100	0	5.95	Pass
LTE_Band7	20	21350	QPSK	1	0	2.95	Pass
LTE_Band7	20	21350	QPSK	100	0	4.87	Pass
LTE_Band7	20	21350	16QAM	1	0	4.03	Pass
LTE_Band7	20	21350	16QAM	100	0	5.62	Pass
LTE_Band12	10	23060	QPSK	1	0	3.98	Pass
LTE_Band12	10	23060	QPSK	50	0	5.44	Pass
LTE_Band12	10	23060	16QAM	1	0	4.87	Pass
LTE_Band12	10	23060	16QAM	50	0	6.14	Pass
LTE_Band12	10	23095	QPSK	1	0	4.03	Pass
LTE_Band12	10	23095	QPSK	50	0	5.48	Pass
LTE_Band12	10	23095	16QAM	1	0	4.97	Pass
LTE_Band12	10	23095	16QAM	50	0	6.23	Pass
LTE_Band12	10	23130	QPSK	1	0	4.12	Pass
LTE_Band12	10	23130	QPSK	50	0	5.39	Pass
LTE_Band12	10	23130	16QAM	1	0	4.87	Pass
LTE_Band12	10	23130	16QAM	50	0	6.19	Pass
LTE_Band17	10	23780	QPSK	1	0	4.12	Pass
LTE_Band17	10	23780	QPSK	50	0	5.39	Pass
LTE_Band17	10	23780	16QAM	1	0	5.02	Pass
LTE_Band17	10	23780	16QAM	50	0	6.19	Pass
LTE_Band17	10	23790	QPSK	1	0	4.12	Pass
LTE_Band17	10	23790	QPSK	50	0	5.44	Pass
LTE_Band17	10	23790	16QAM	1	0	5.06	Pass
LTE_Band17	10	23790	16QAM	50	0	6.19	Pass
LTE_Band17	10	23800	QPSK	1	0	4.08	Pass
LTE_Band17	10	23800	QPSK	50	0	5.34	Pass
LTE_Band17	10	23800	16QAM	1	0	4.83	Pass
LTE_Band17	10	23800	16QAM	50	0	6.14	Pass
LTE_Band25	20	26140	QPSK	1	0	4.31	Pass
LTE_Band25	20	26140	QPSK	100	0	5.44	Pass
LTE_Band25	20	26140	16QAM	1	0	5.02	Pass
LTE_Band25	20	26140	16QAM	100	0	6.19	Pass
LTE_Band25	20	26365	QPSK	1	0	4.97	Pass

Band	Bandwidth (MHz)	Channel	Mode	RB No.	RB Pos.	Peak to Average Ratio (dB)	Verdict
LTE_Band25	20	26365	QPSK	100	0	5.67	Pass
LTE_Band25	20	26365	16QAM	1	0	5.72	Pass
LTE_Band25	20	26365	16QAM	100	0	6.37	Pass
LTE_Band25	20	26590	QPSK	1	0	4.69	Pass
LTE_Band25	20	26590	QPSK	100	0	5.67	Pass
LTE_Band25	20	26590	16QAM	1	0	5.62	Pass
LTE_Band25	20	26590	16QAM	100	0	6.33	Pass
LTE_Band26(part22)	15	26865	QPSK	1	0	4.59	Pass
LTE_Band26(part22)	15	26865	QPSK	75	0	5.72	Pass
LTE_Band26(part22)	15	26865	16QAM	1	0	5.44	Pass
LTE_Band26(part22)	15	26865	16QAM	75	0	6.33	Pass
LTE_Band26(part22)	15	26915	QPSK	1	0	4.41	Pass
LTE_Band26(part22)	15	26915	QPSK	75	0	5.58	Pass
LTE_Band26(part22)	15	26915	16QAM	1	0	5.34	Pass
LTE_Band26(part22)	15	26915	16QAM	75	0	6.23	Pass
LTE_Band26(part22)	15	26965	QPSK	1	0	4.55	Pass
LTE_Band26(part22)	15	26965	QPSK	75	0	5.48	Pass
LTE_Band26(part22)	15	26965	16QAM	1	0	5.25	Pass
LTE_Band26(part22)	15	26965	16QAM	75	0	6.09	Pass
LTE_Band26(part90)	10	26740	QPSK	1	0	4.03	Pass
LTE_Band26(part90)	10	26740	QPSK	50	0	5.58	Pass
LTE_Band26(part90)	10	26740	16QAM	1	0	4.92	Pass
LTE_Band26(part90)	10	26740	16QAM	50	0	6.23	Pass
LTE_Band66	20	132072	QPSK	1	0	4.31	Pass
LTE_Band66	20	132072	QPSK	100	0	5.39	Pass
LTE_Band66	20	132072	16QAM	1	0	5.02	Pass
LTE_Band66	20	132072	16QAM	100	0	6.14	Pass
LTE_Band66	20	132322	QPSK	1	0	3.75	Pass
LTE_Band66	20	132322	QPSK	100	0	5.39	Pass
LTE_Band66	20	132322	16QAM	1	0	4.69	Pass
LTE_Band66	20	132322	16QAM	100	0	6.09	Pass
LTE_Band66	20	132572	QPSK	1	0	4.55	Pass
LTE_Band66	20	132572	QPSK	100	0	5.53	Pass
LTE_Band66	20	132572	16QAM	1	0	5.53	Pass
LTE_Band66	20	132572	16QAM	100	0	6.23	Pass
LTE_Band38	20	37850	QPSK	1	0	8.2	Pass
LTE_Band38	20	37850	QPSK	100	0	9.19	Pass
LTE_Band38	20	37850	16QAM	1	0	8.95	Pass
LTE_Band38	20	37850	16QAM	100	0	9.94	Pass

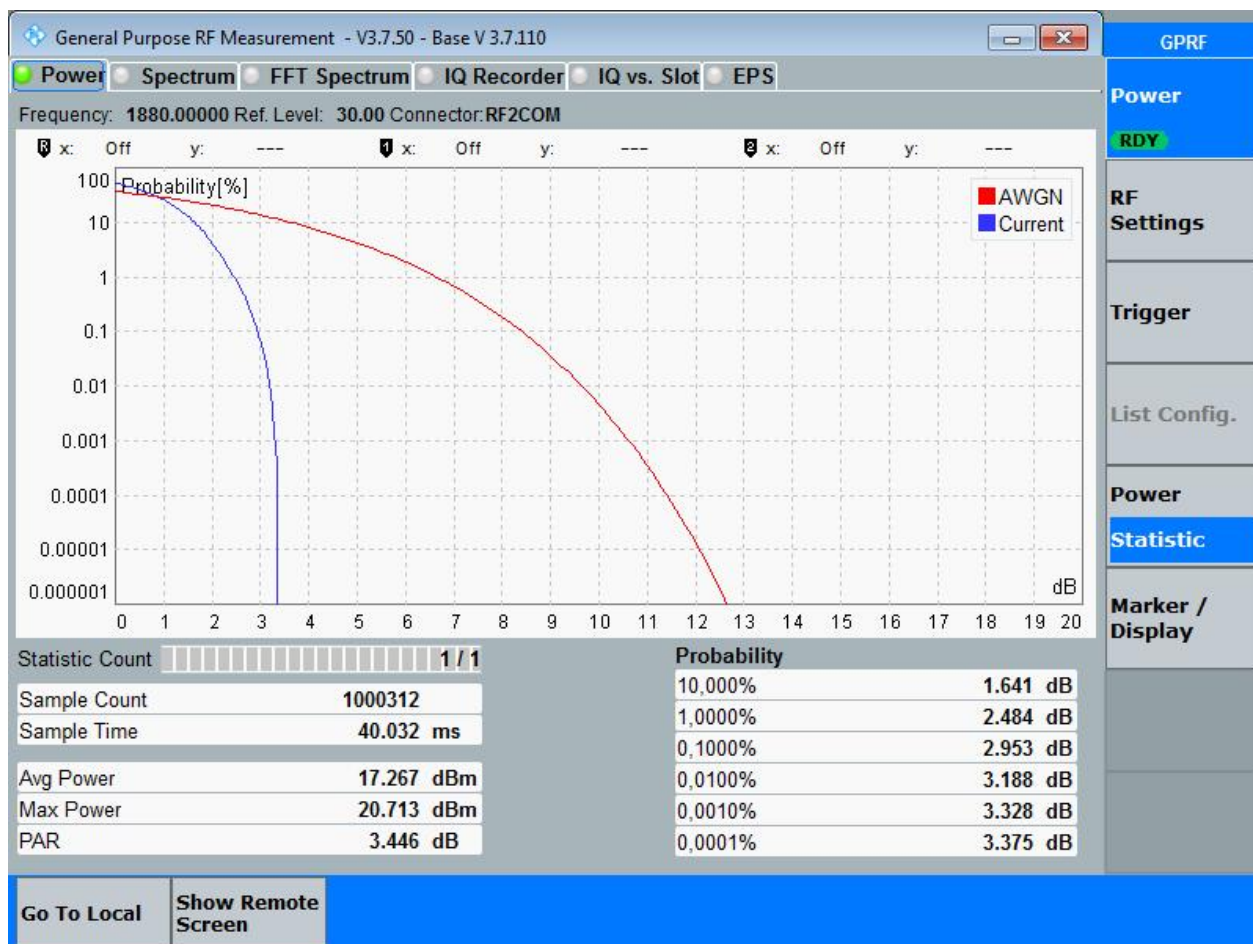
Band	Bandwidth (MHz)	Channel	Mode	RB No.	RB Pos.	Peak to Average Ratio (dB)	Verdict
LTE_Band38	20	38000	QPSK	1	0	8.2	Pass
LTE_Band38	20	38000	QPSK	100	0	9.19	Pass
LTE_Band38	20	38000	16QAM	1	0	9	Pass
LTE_Band38	20	38000	16QAM	100	0	9.89	Pass
LTE_Band38	20	38150	QPSK	1	0	8.11	Pass
LTE_Band38	20	38150	QPSK	100	0	9.28	Pass
LTE_Band38	20	38150	16QAM	1	0	8.91	Pass
LTE_Band38	20	38150	16QAM	100	0	9.98	Pass
LTE_Band41 120M	20	40140	QPSK	1	0	7.97	Pass
LTE_Band41 120M	20	40140	QPSK	100	0	9.28	Pass
LTE_Band41 120M	20	40140	16QAM	1	0	8.77	Pass
LTE_Band41 120M	20	40140	16QAM	100	0	10.03	Pass
LTE_Band41 120M	20	40640	QPSK	1	0	8.2	Pass
LTE_Band41 120M	20	40640	QPSK	100	0	9.14	Pass
LTE_Band41 120M	20	40640	16QAM	1	0	9	Pass
LTE_Band41 120M	20	40640	16QAM	100	0	9.89	Pass
LTE_Band41 120M	20	41140	QPSK	1	0	8.58	Pass
LTE_Band41 120M	20	41140	QPSK	100	0	9.33	Pass
LTE_Band41 120M	20	41140	16QAM	1	0	9.33	Pass
LTE_Band41 120M	20	41140	16QAM	100	0	10.03	Pass

1. WCDMA_Band2

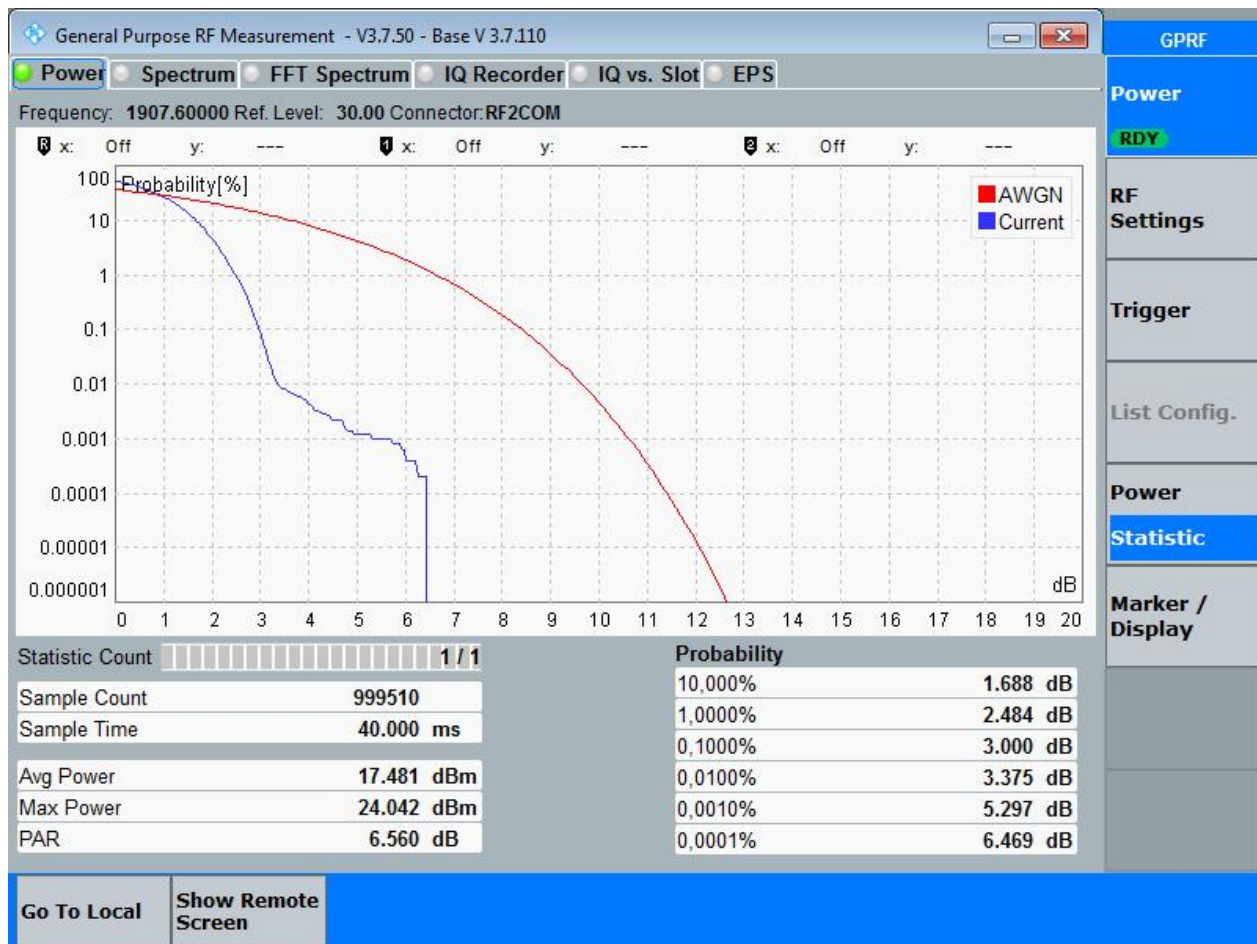
1.1 WCDMA Peak to Average Ratio_Part22-24-27(Channel:9262)(NTNV)



1.2 WCDMA Peak to Average Ratio_Part22-24-27(Channel:9400)(NTNV)

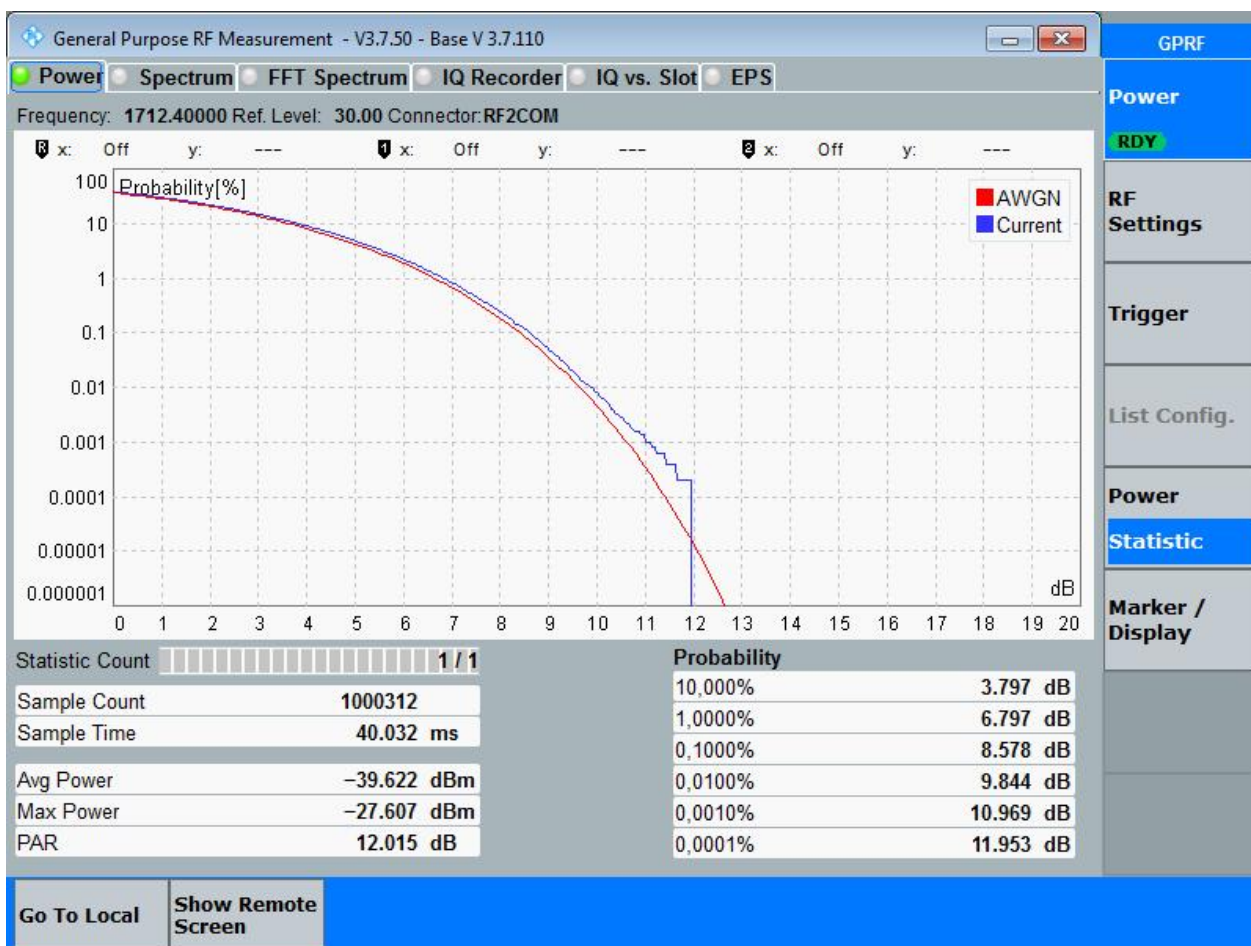


1.3 WCDMA Peak to Average Ratio_Part22-24-27(Channel:9538)(NTNV)

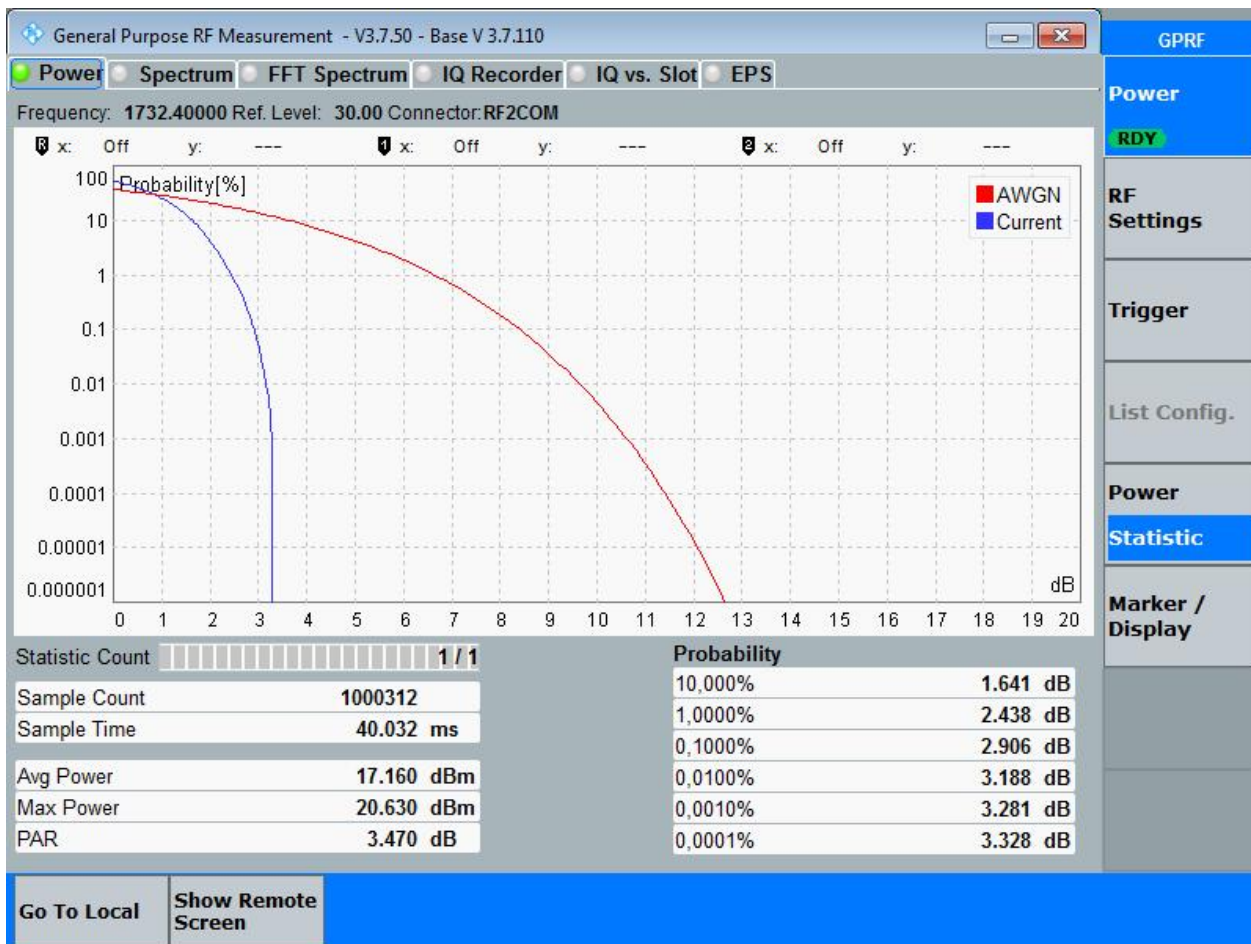


2. WCDMA_Band4

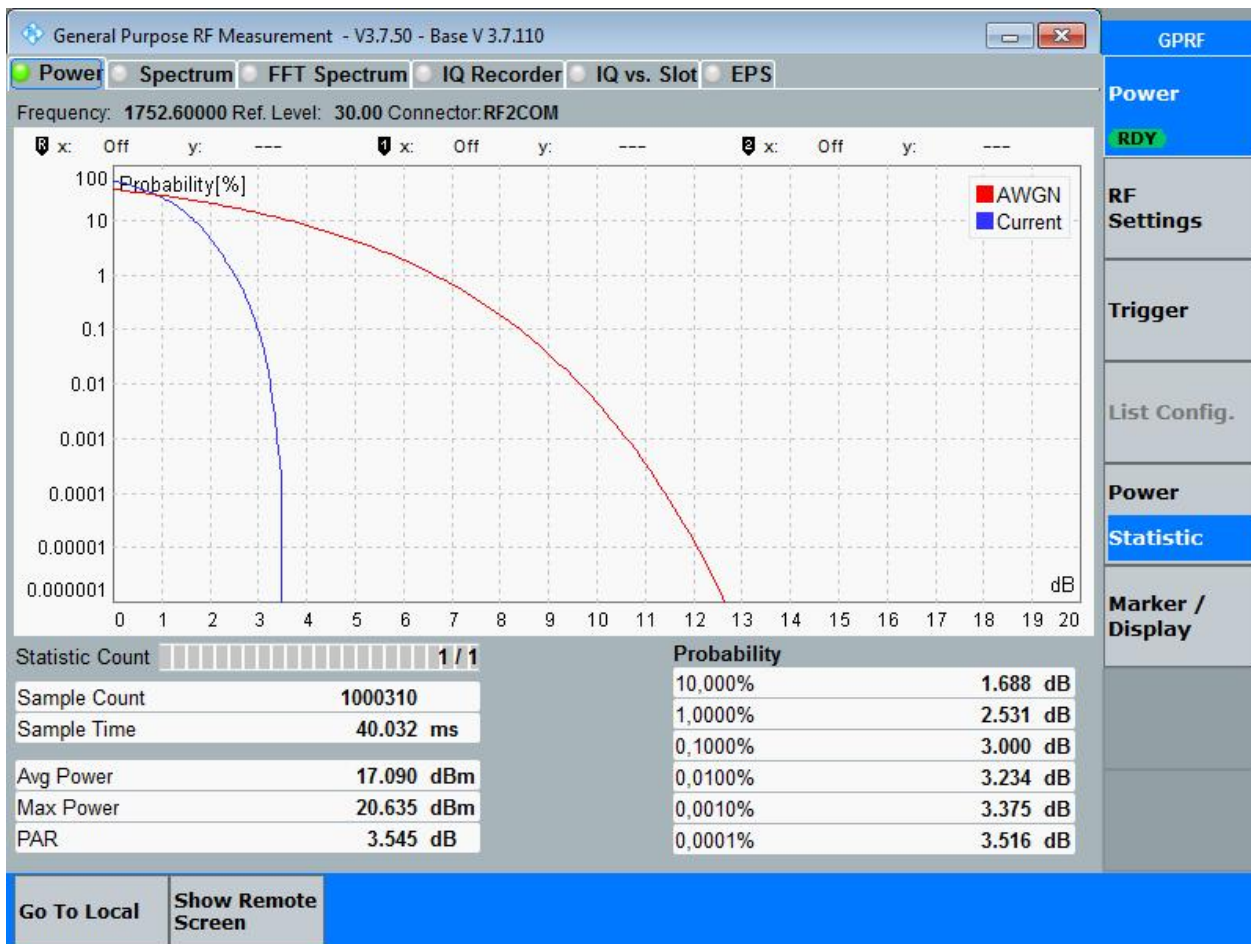
2.1 WCDMA Peak to Average Ratio_Part22-24-27(Channel:1312)(NTNV)



2.2 WCDMA Peak to Average Ratio_Part22-24-27(Channel:1412)(NTNV)

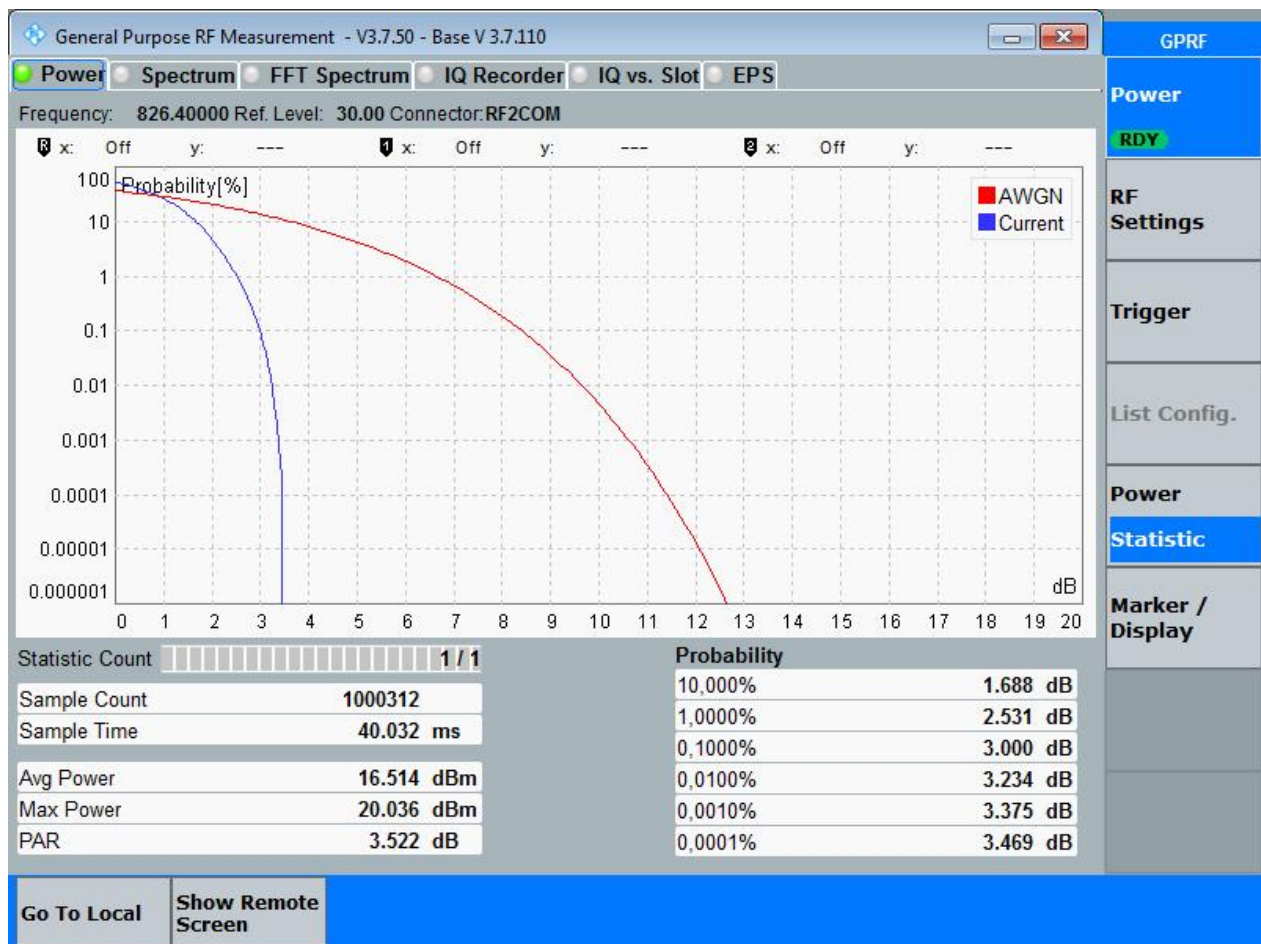


2.3 WCDMA Peak to Average Ratio_Part22-24-27(Channel:1513)(NTNV)

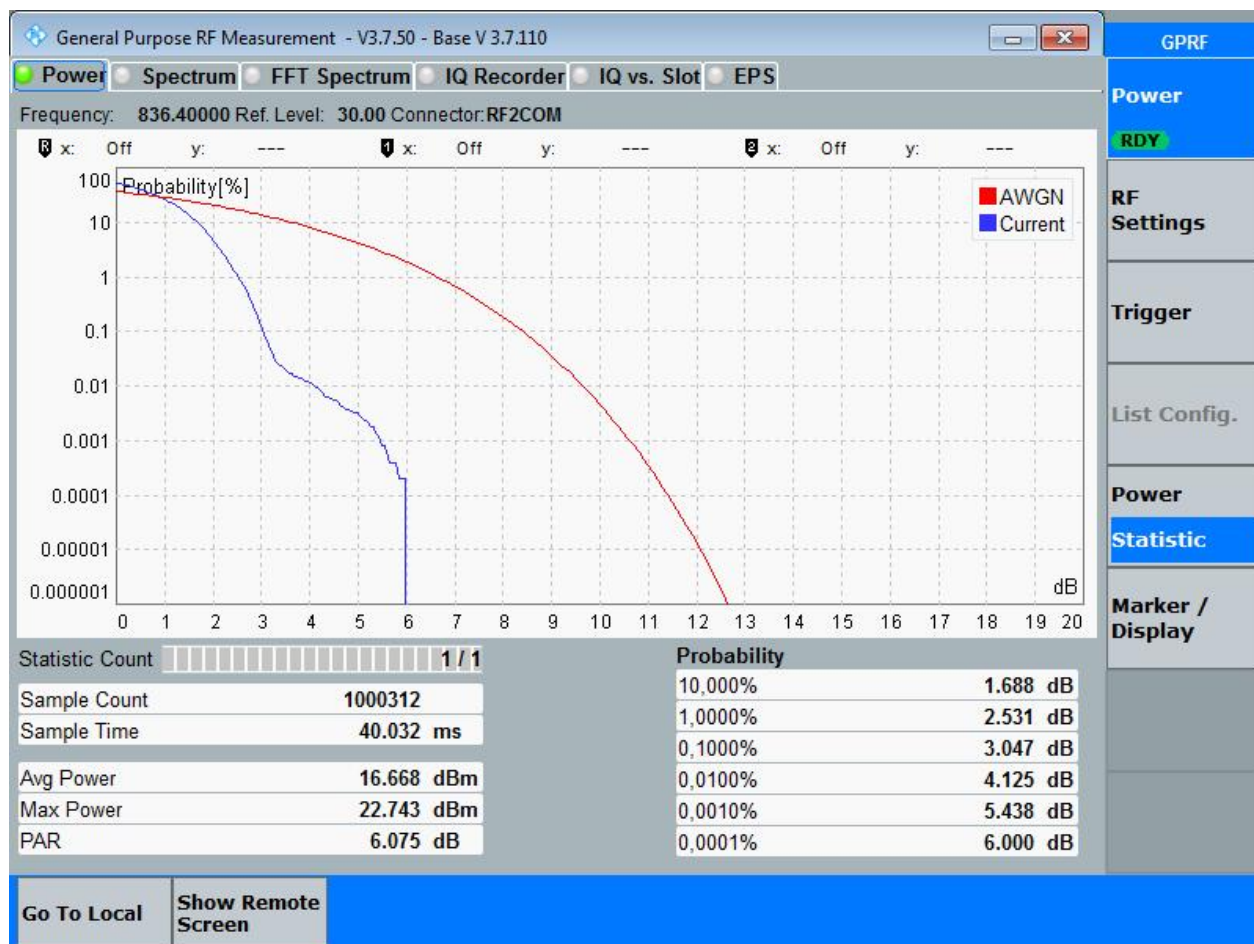


3. WCDMA_Band5

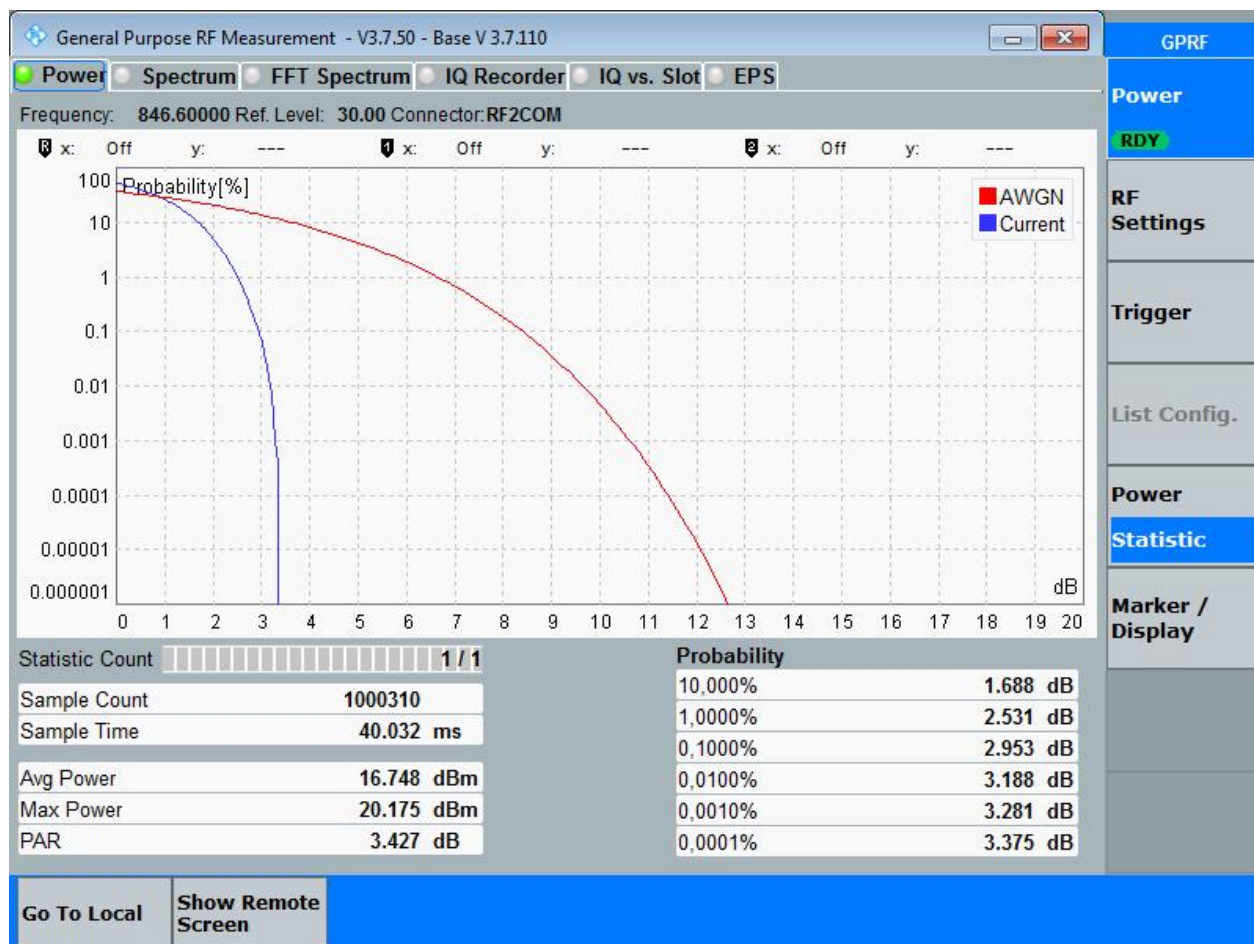
3.1 WCDMA Peak to Average Ratio_Part22-24-27(Channel:4132)(NTNV)



3.2 WCDMA Peak to Average Ratio_Part22-24-27(Channel:4182)(NTNV)

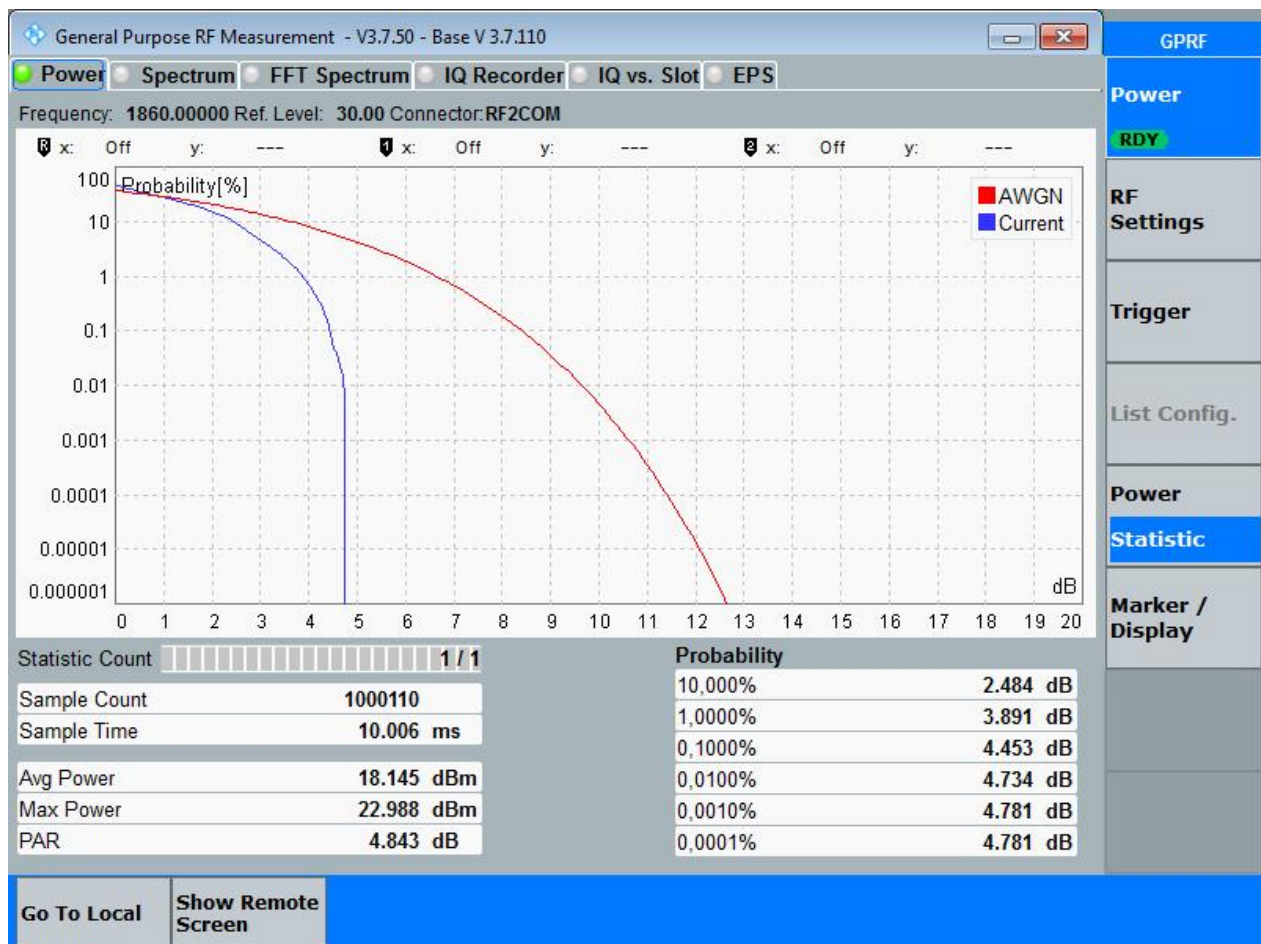


3.3 WCDMA Peak to Average Ratio_Part22-24-27(Channel:4233)(NTNV)

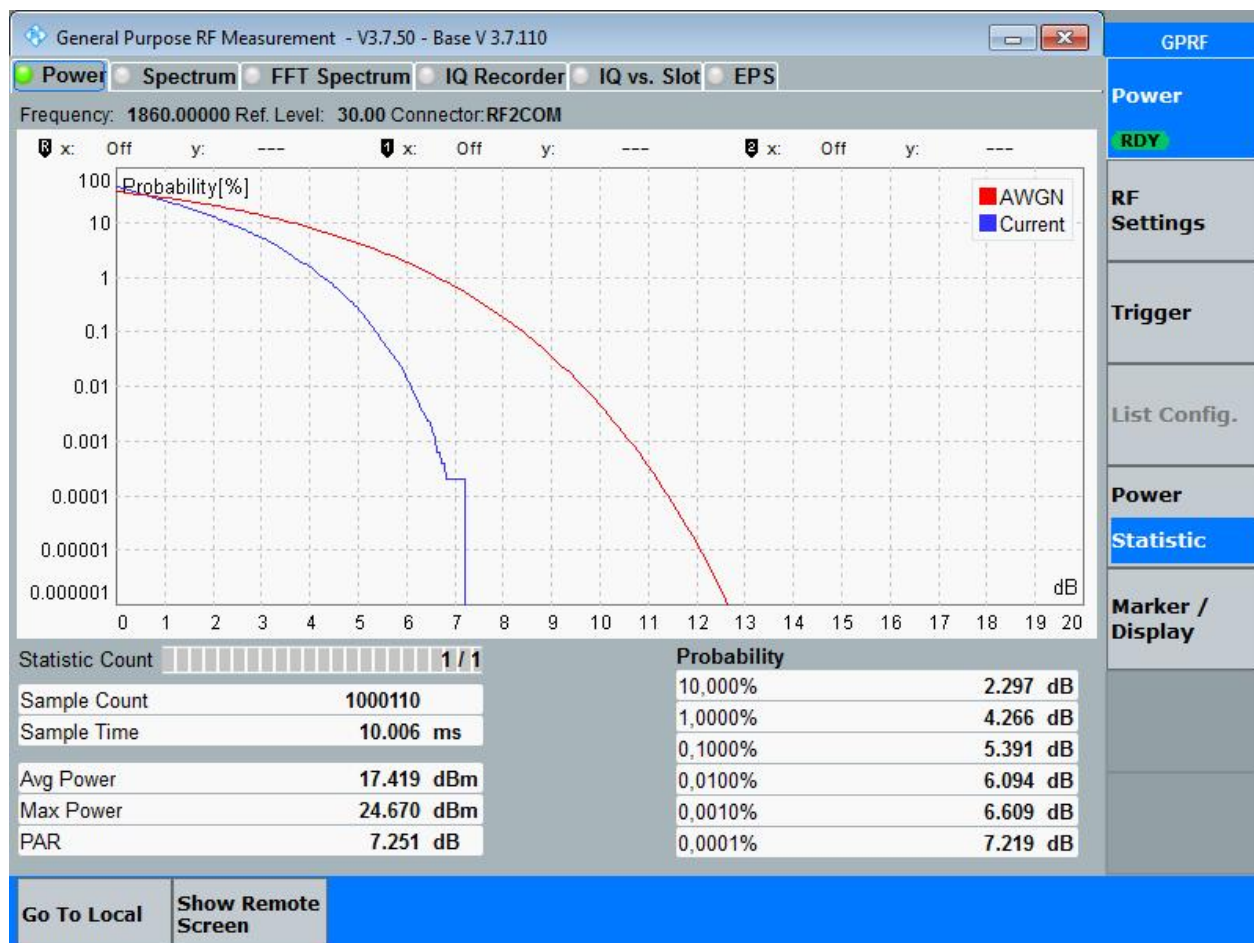


1. LTE_Band2

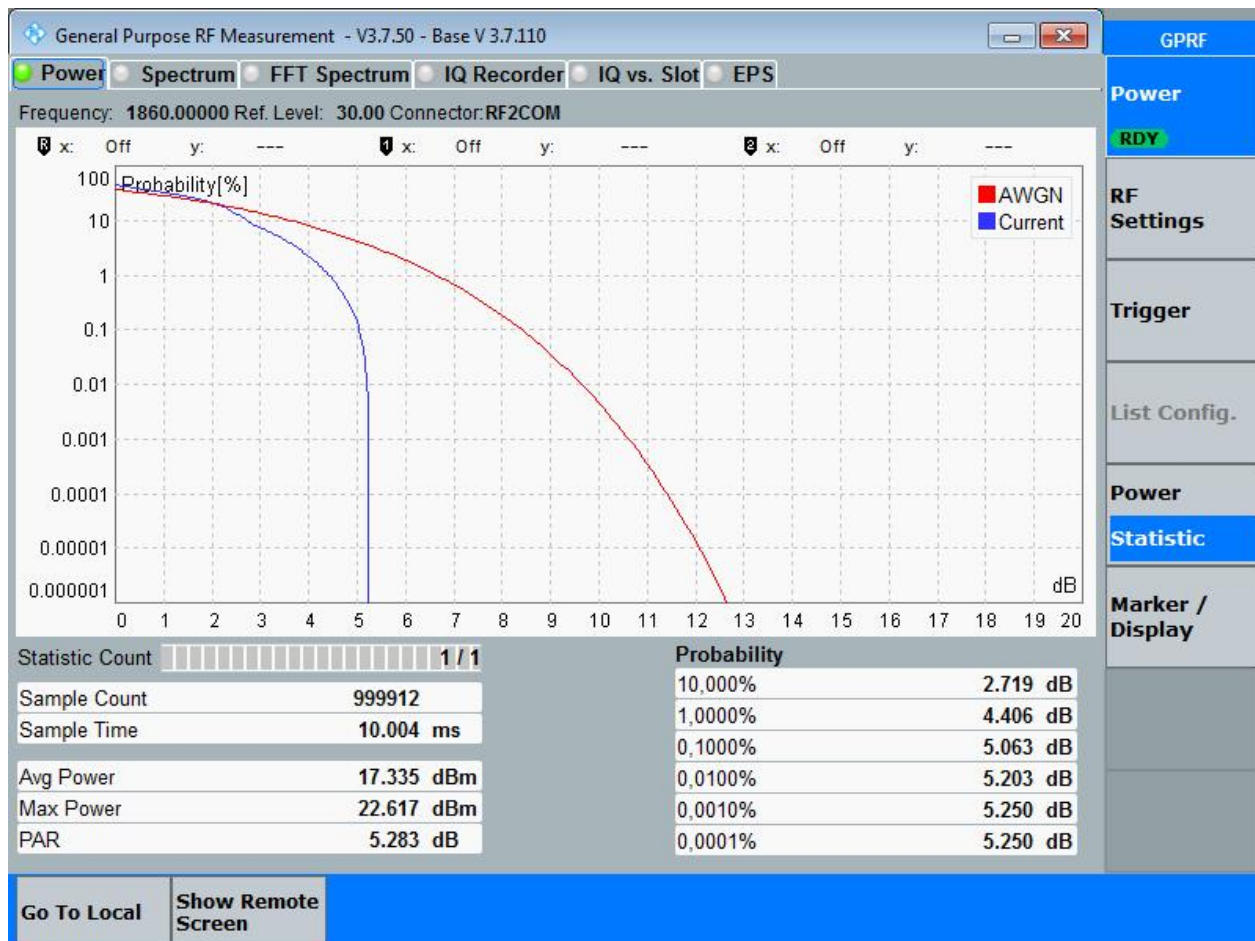
1.1 LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



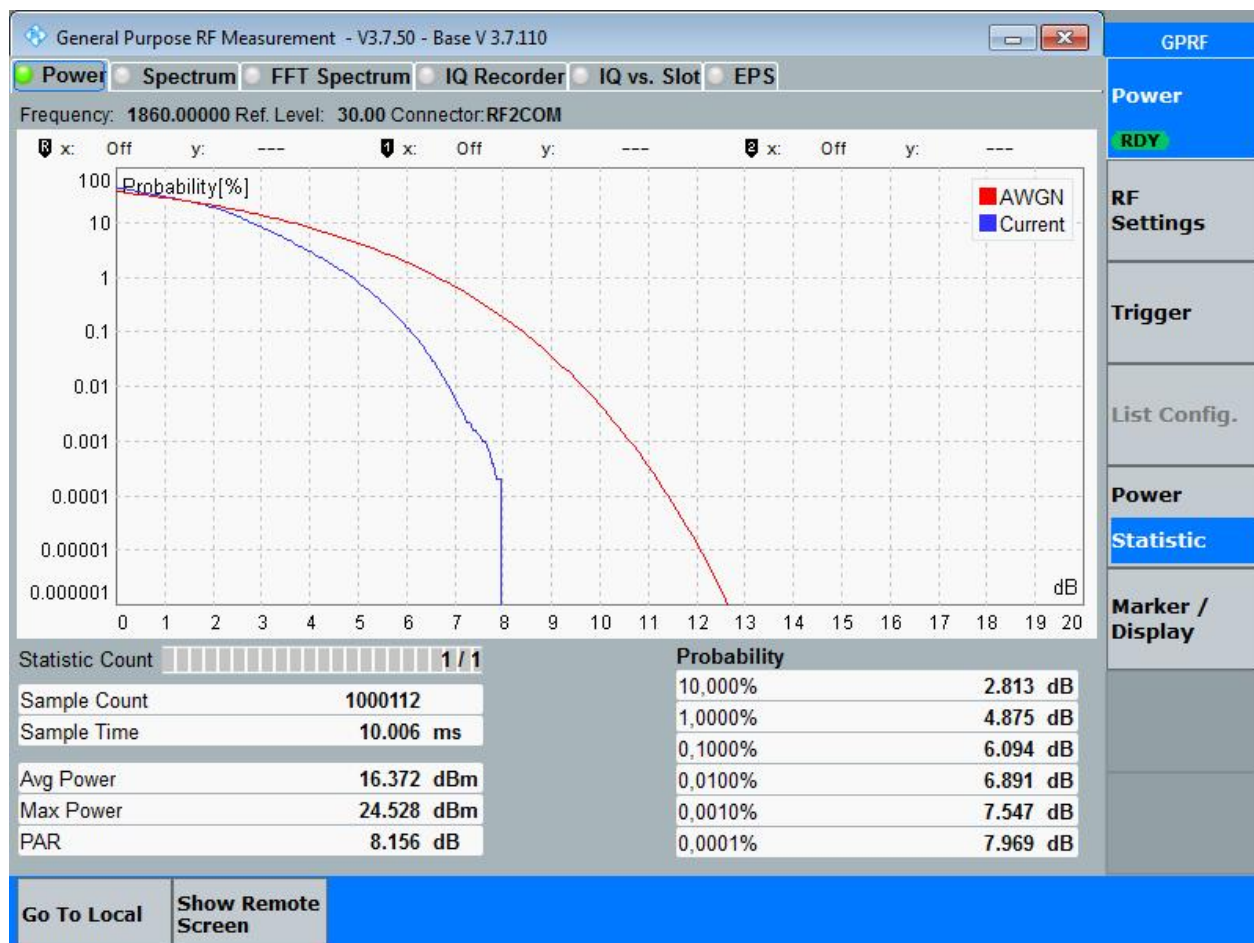
1.2 LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



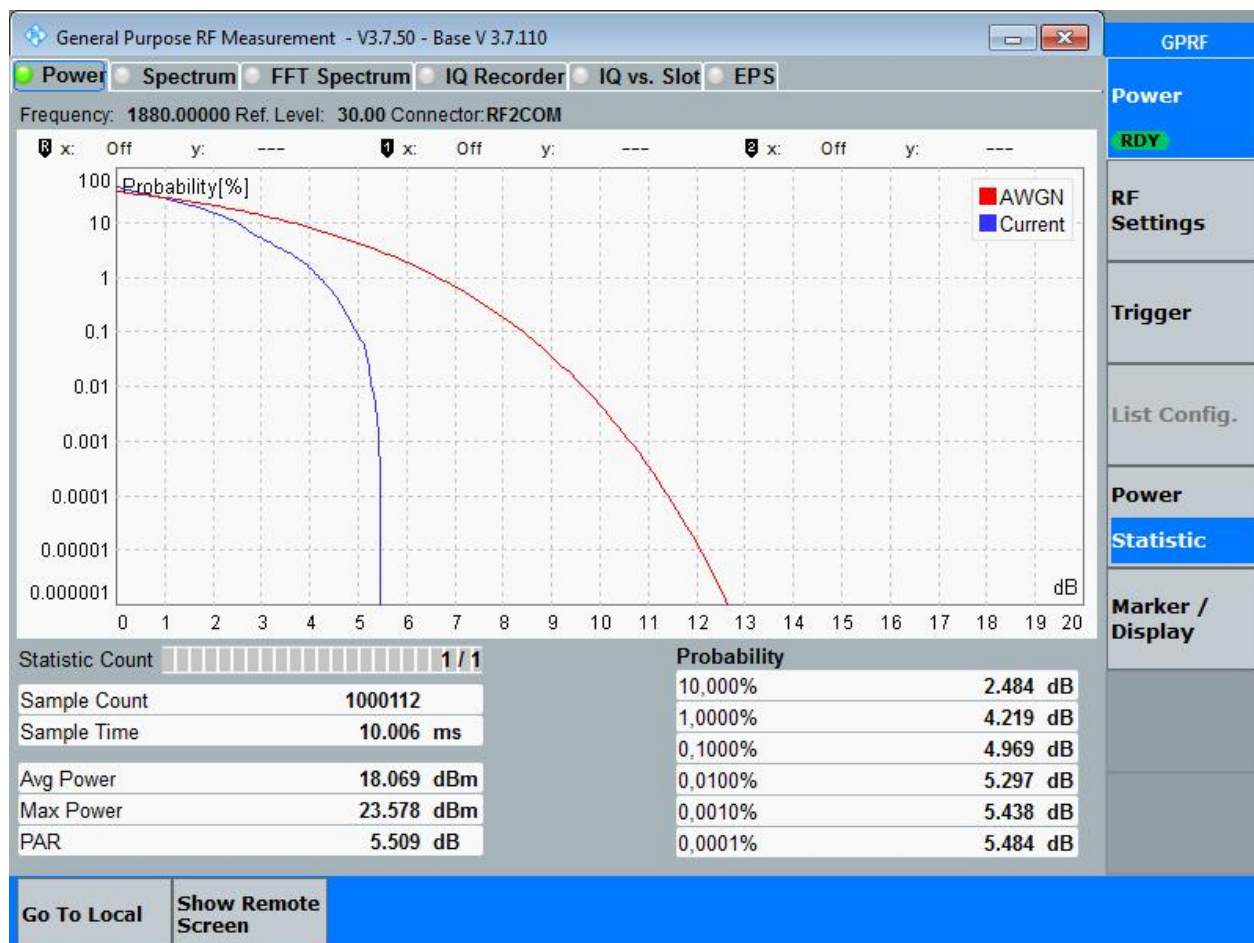
1.3 LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



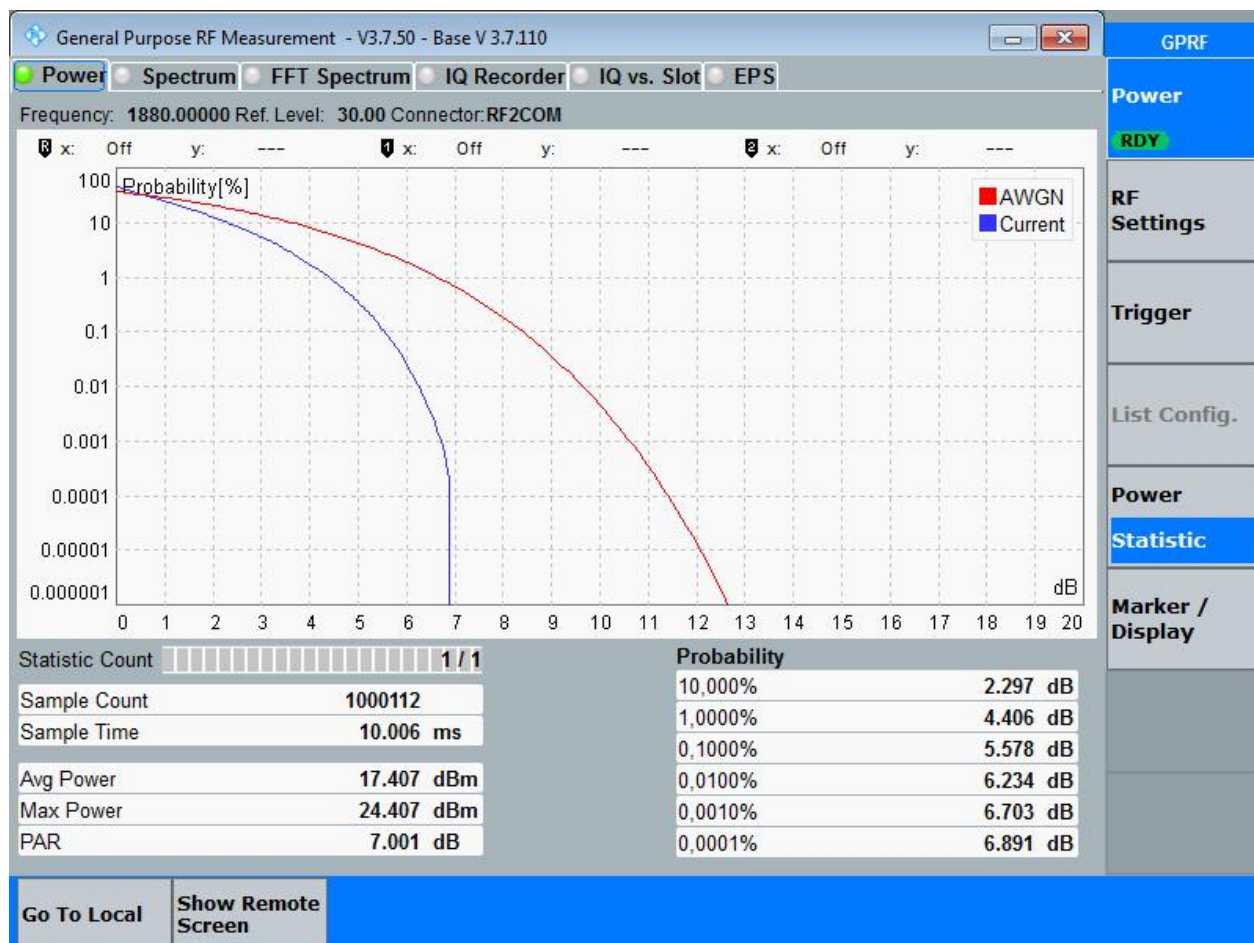
1.4 LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)



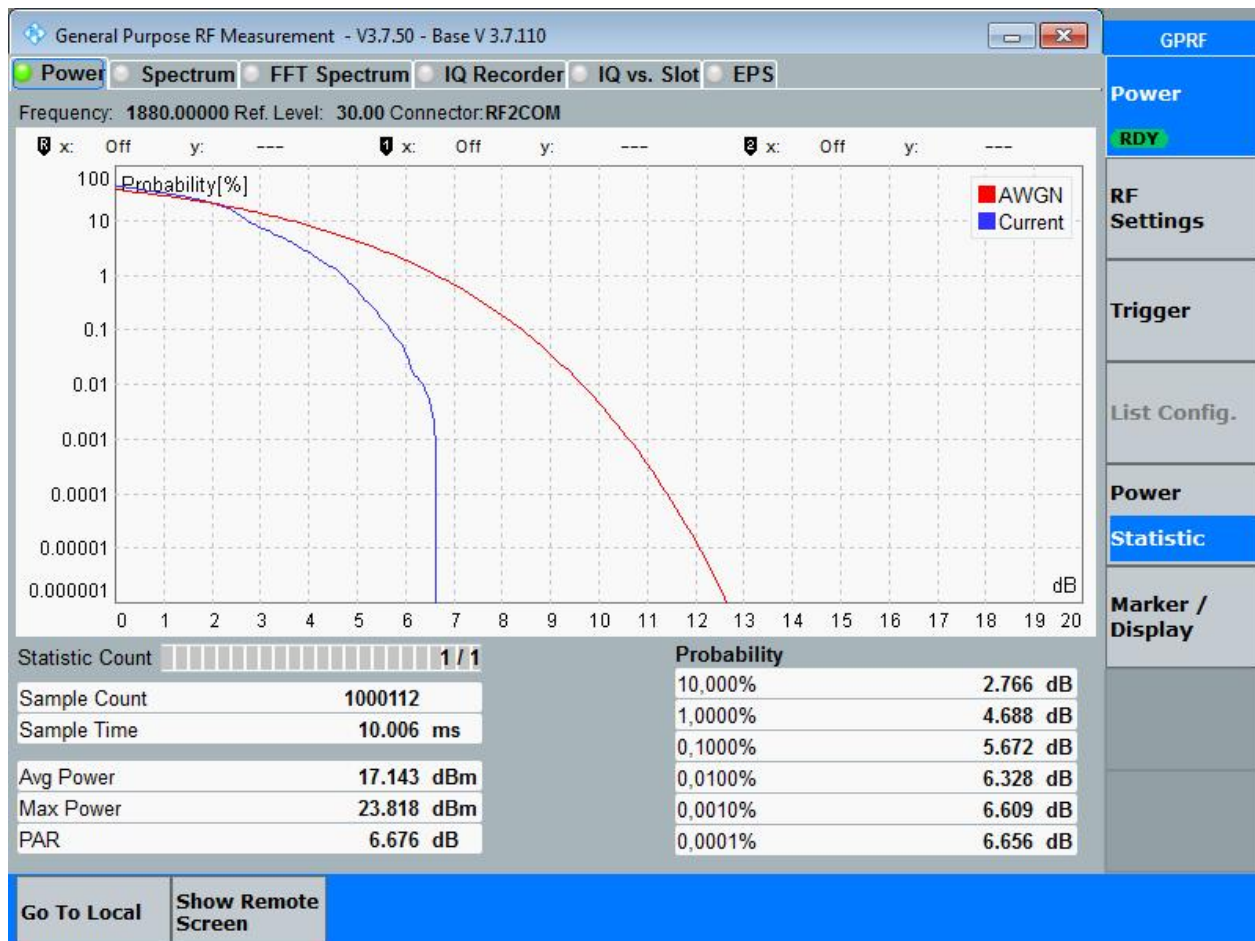
1.5 LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



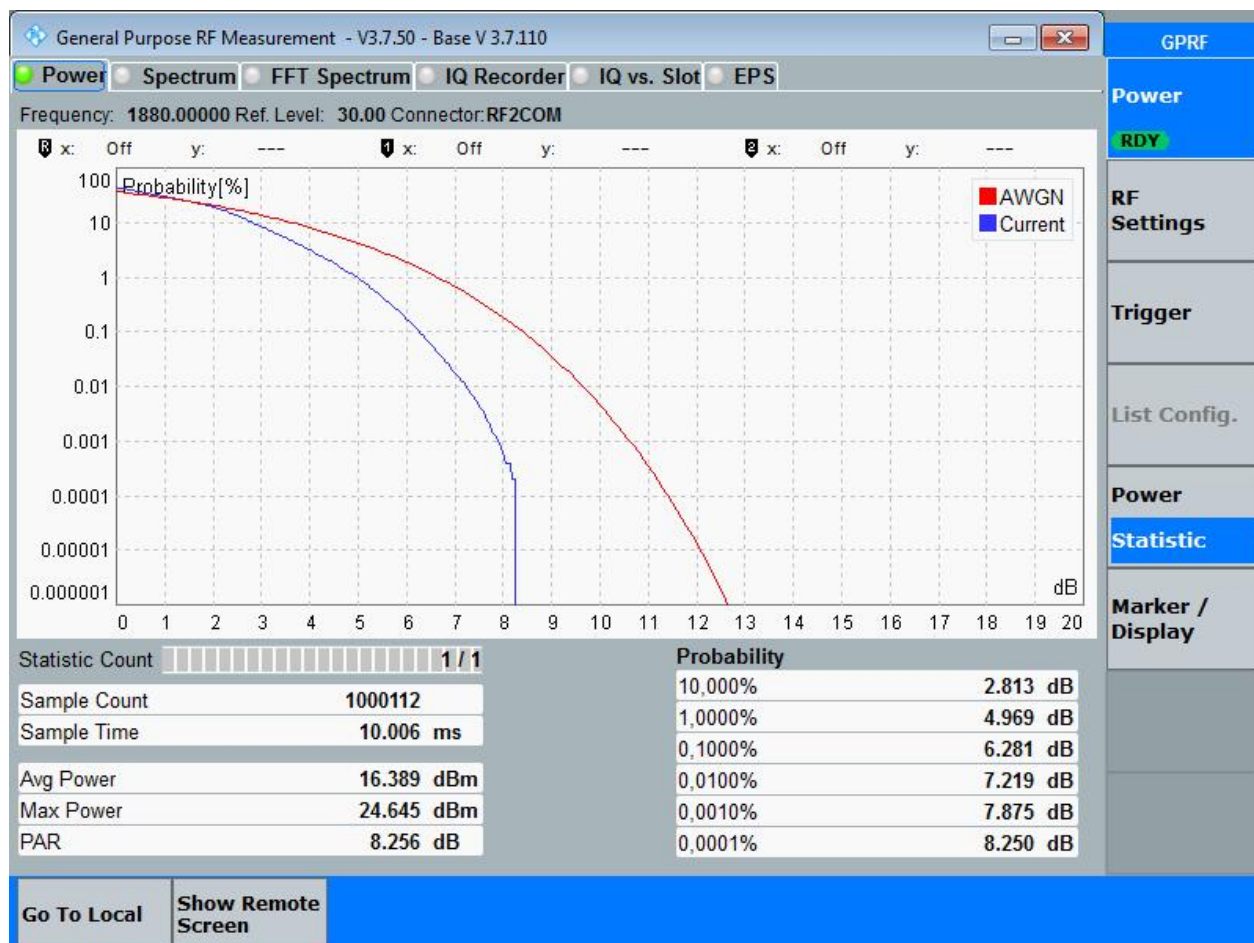
1.6 LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



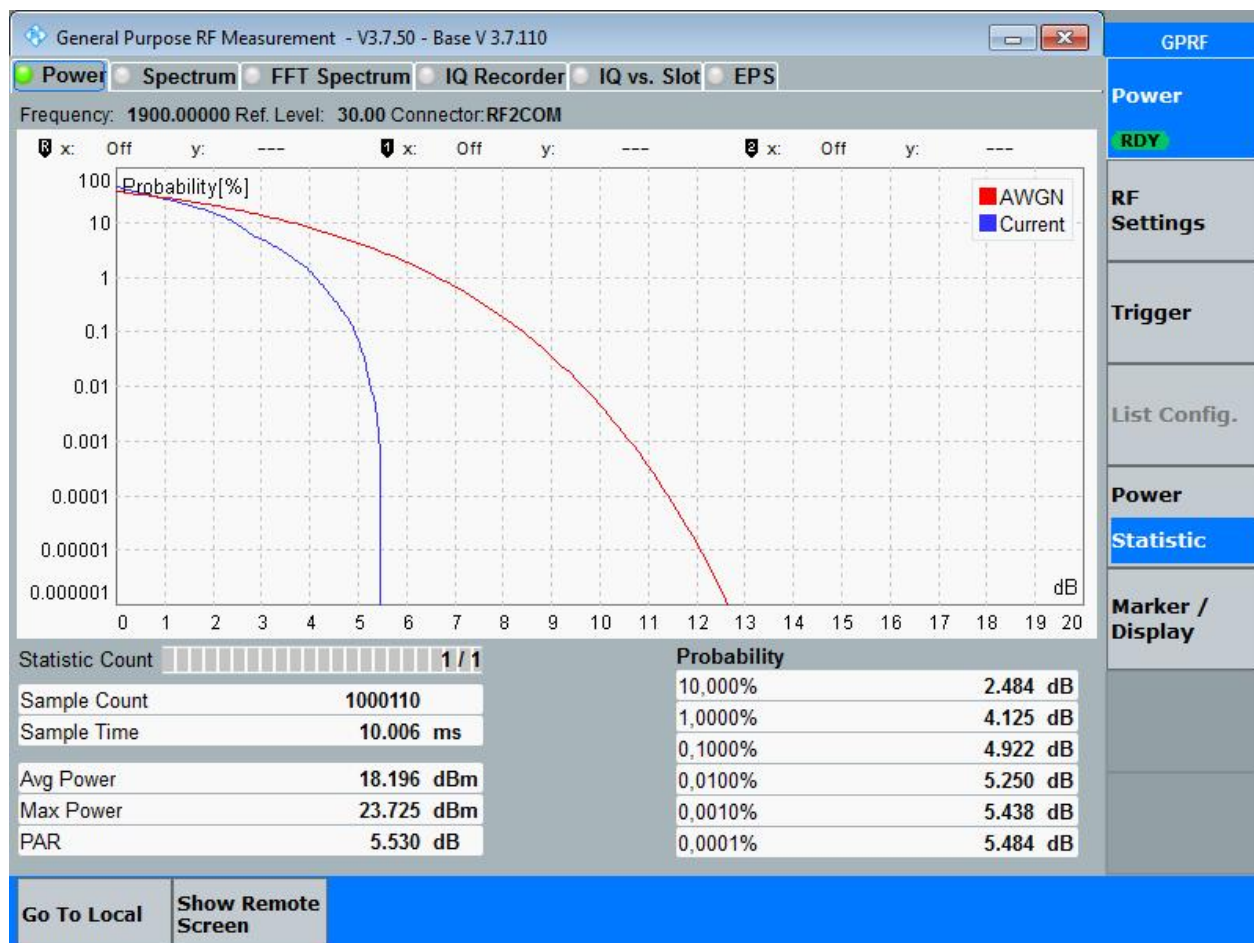
1.7 LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



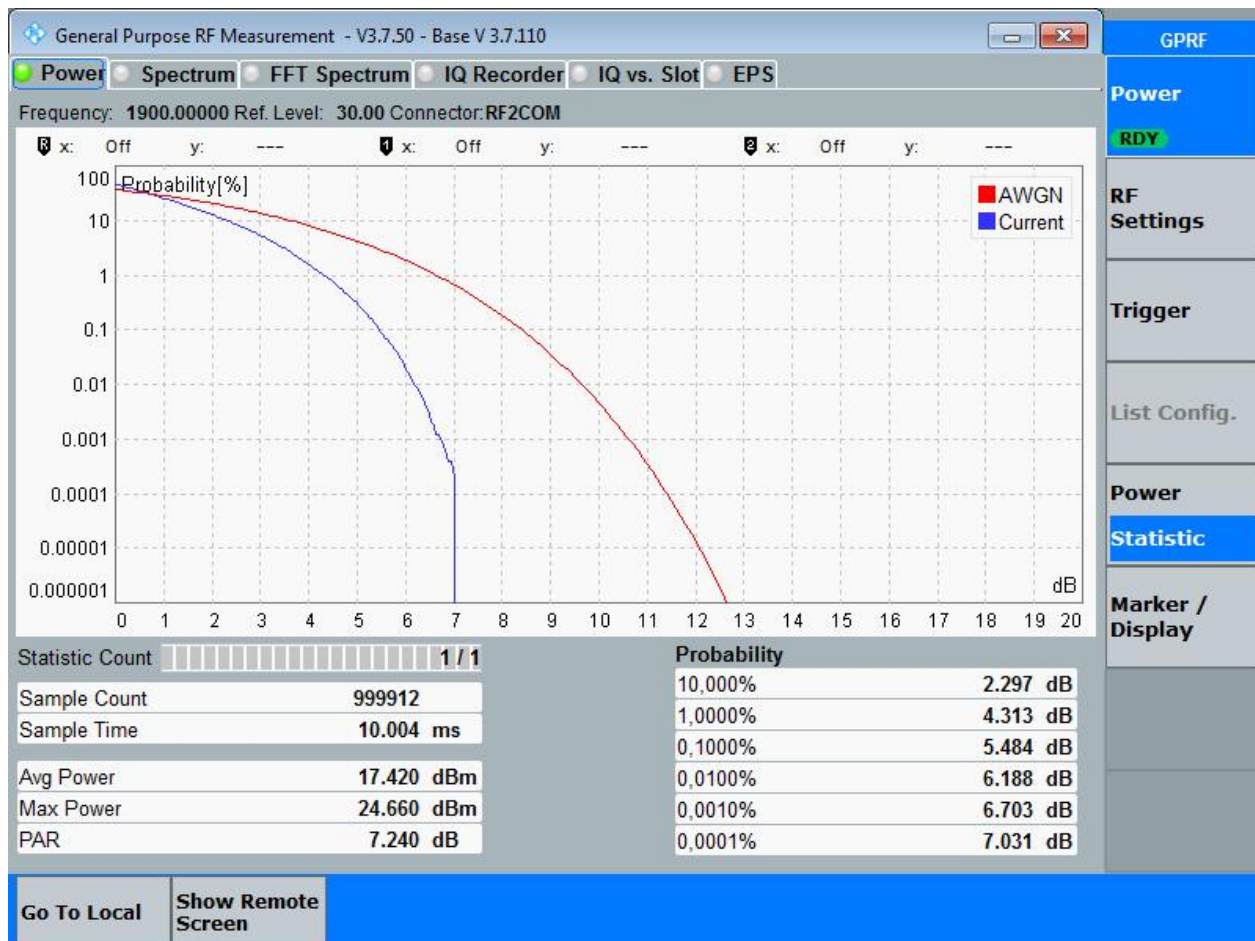
1.8 LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)



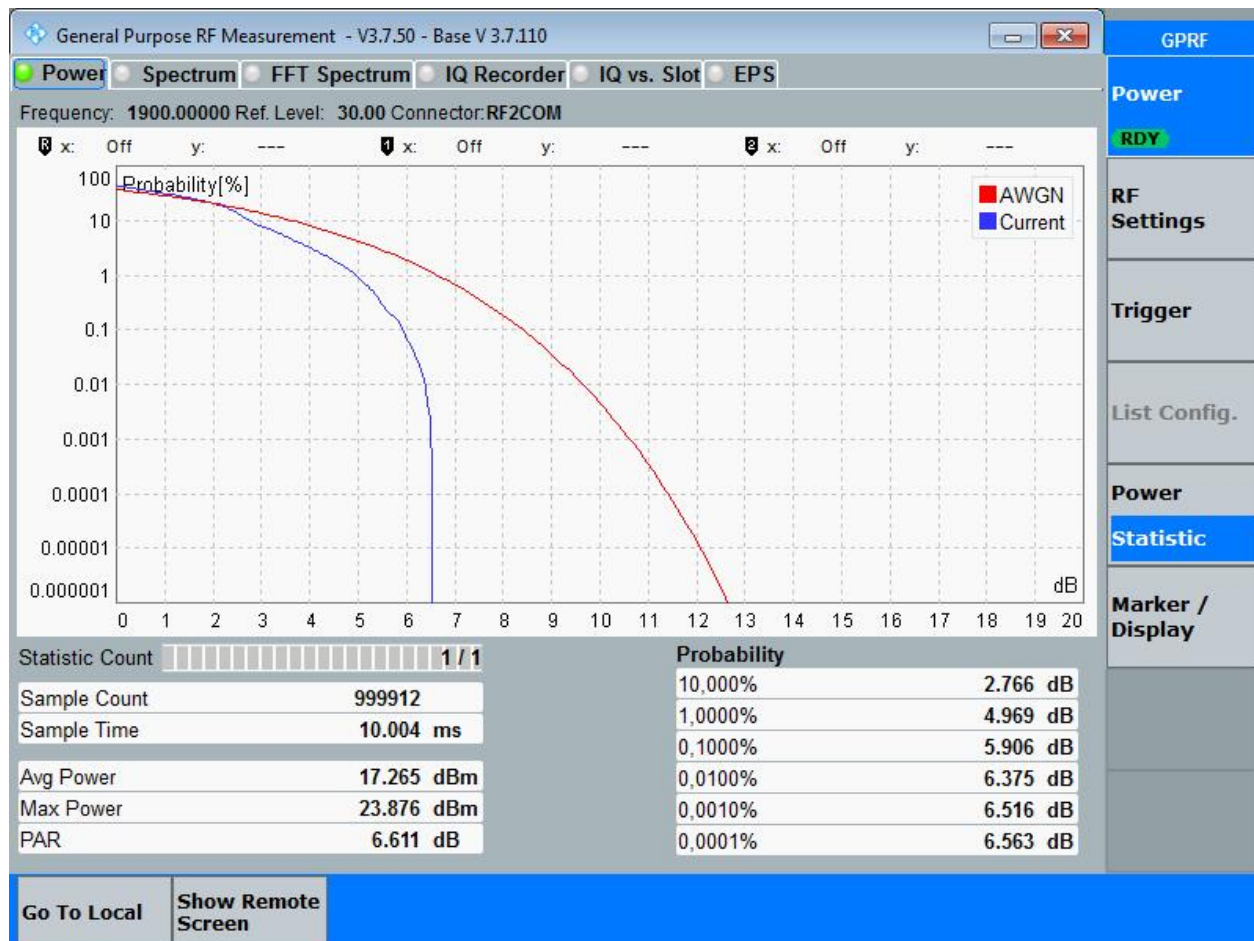
1.9 LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



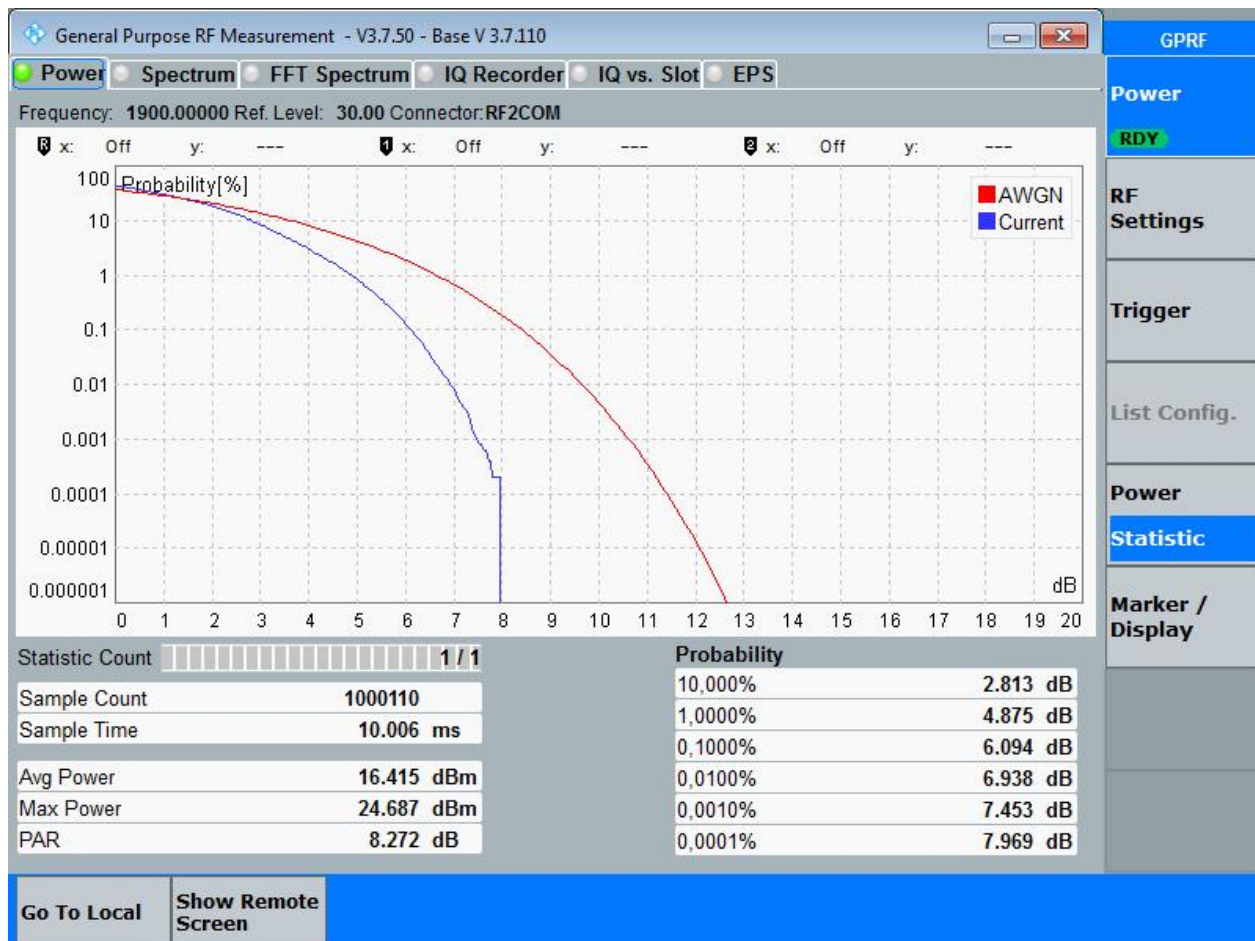
1.10 LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



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

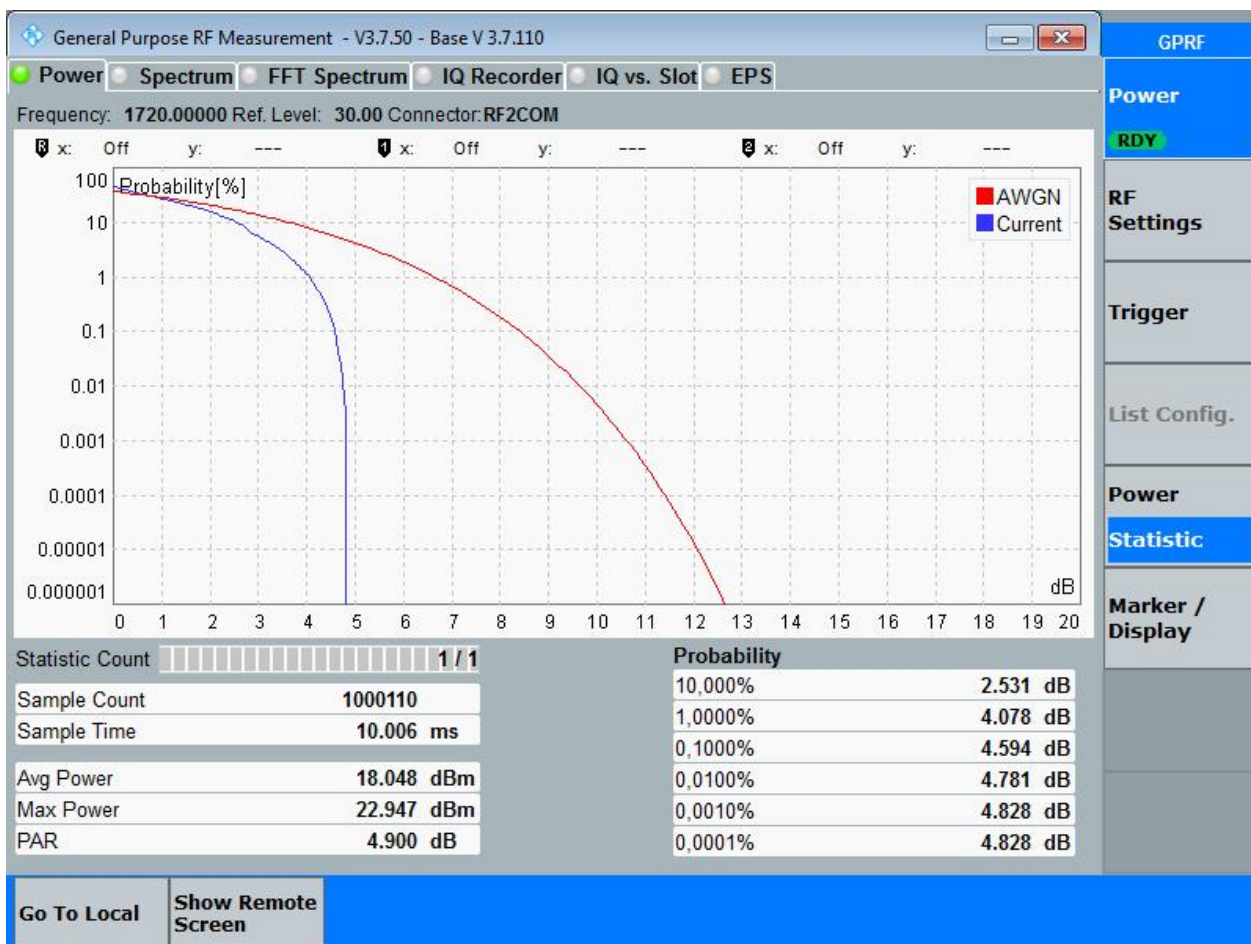


1.12 LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)

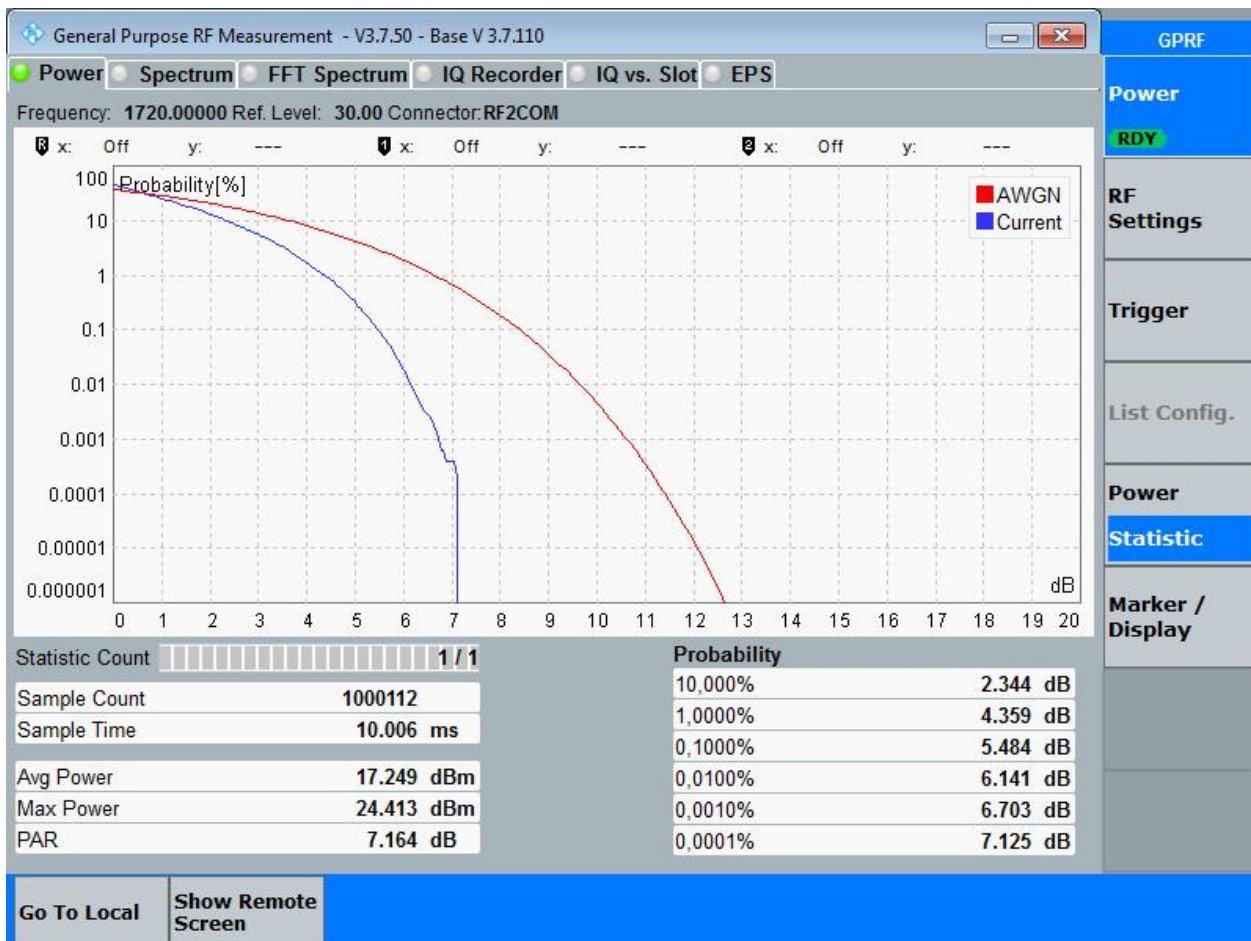


2. LTE_Band4

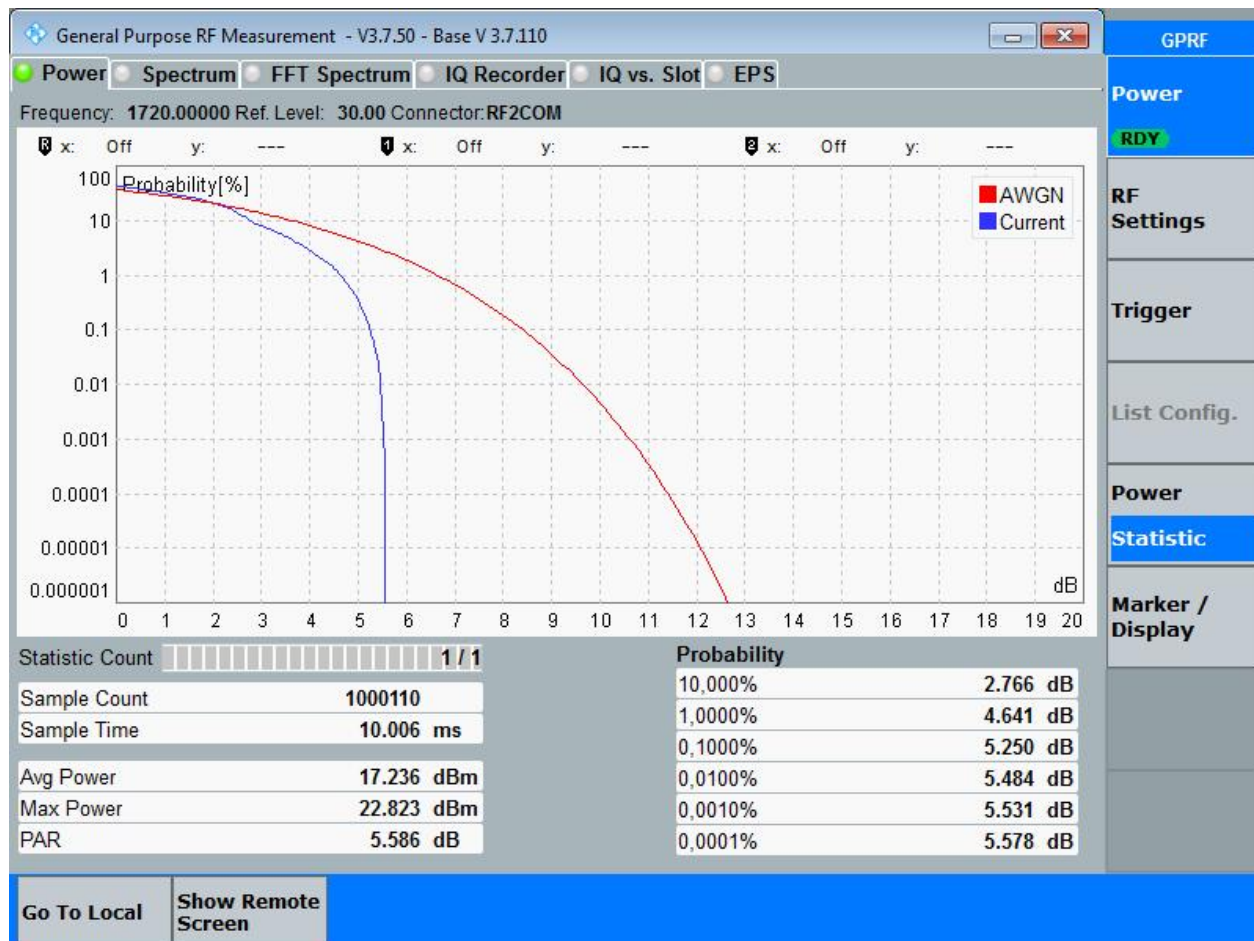
2.1 LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



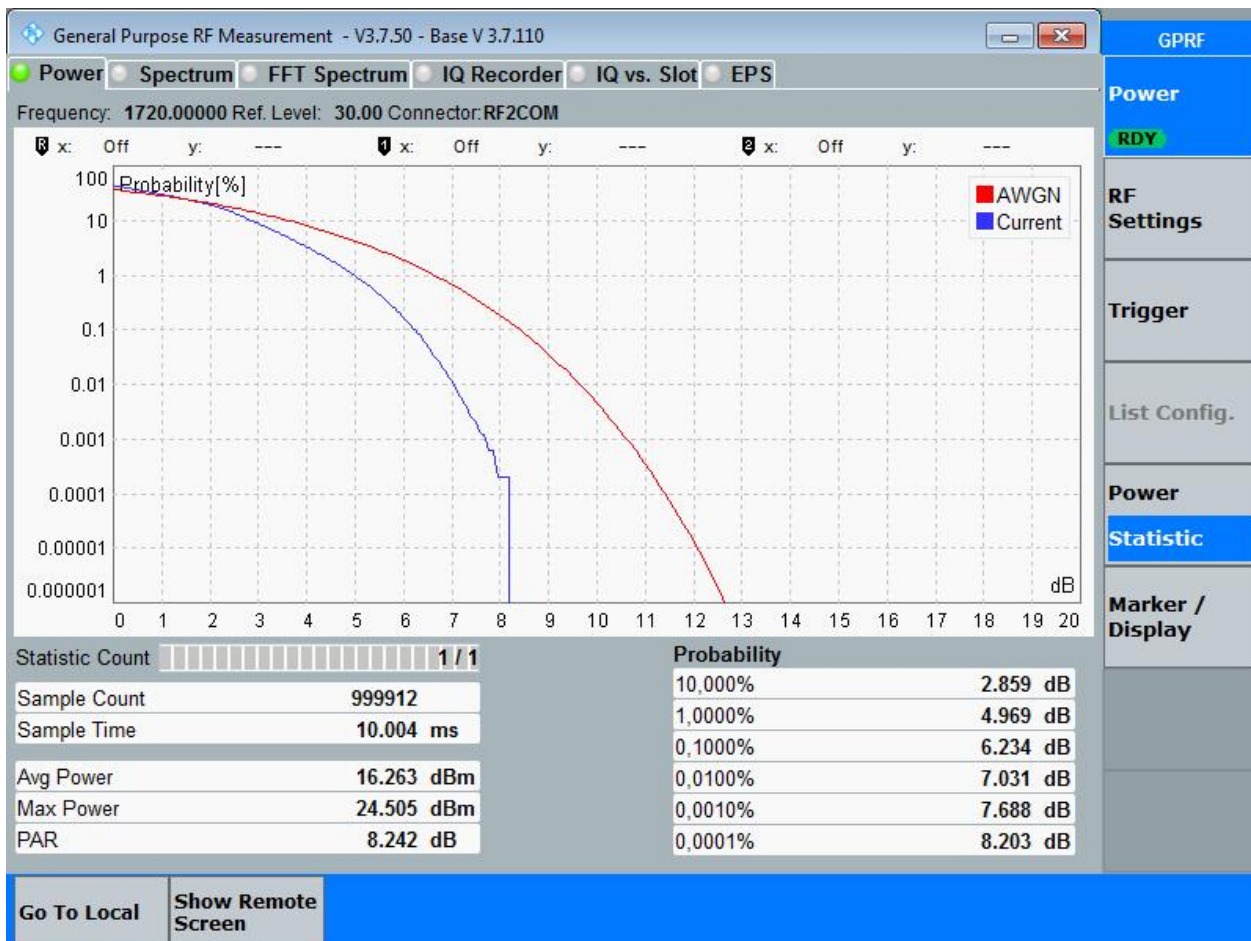
2.2 LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



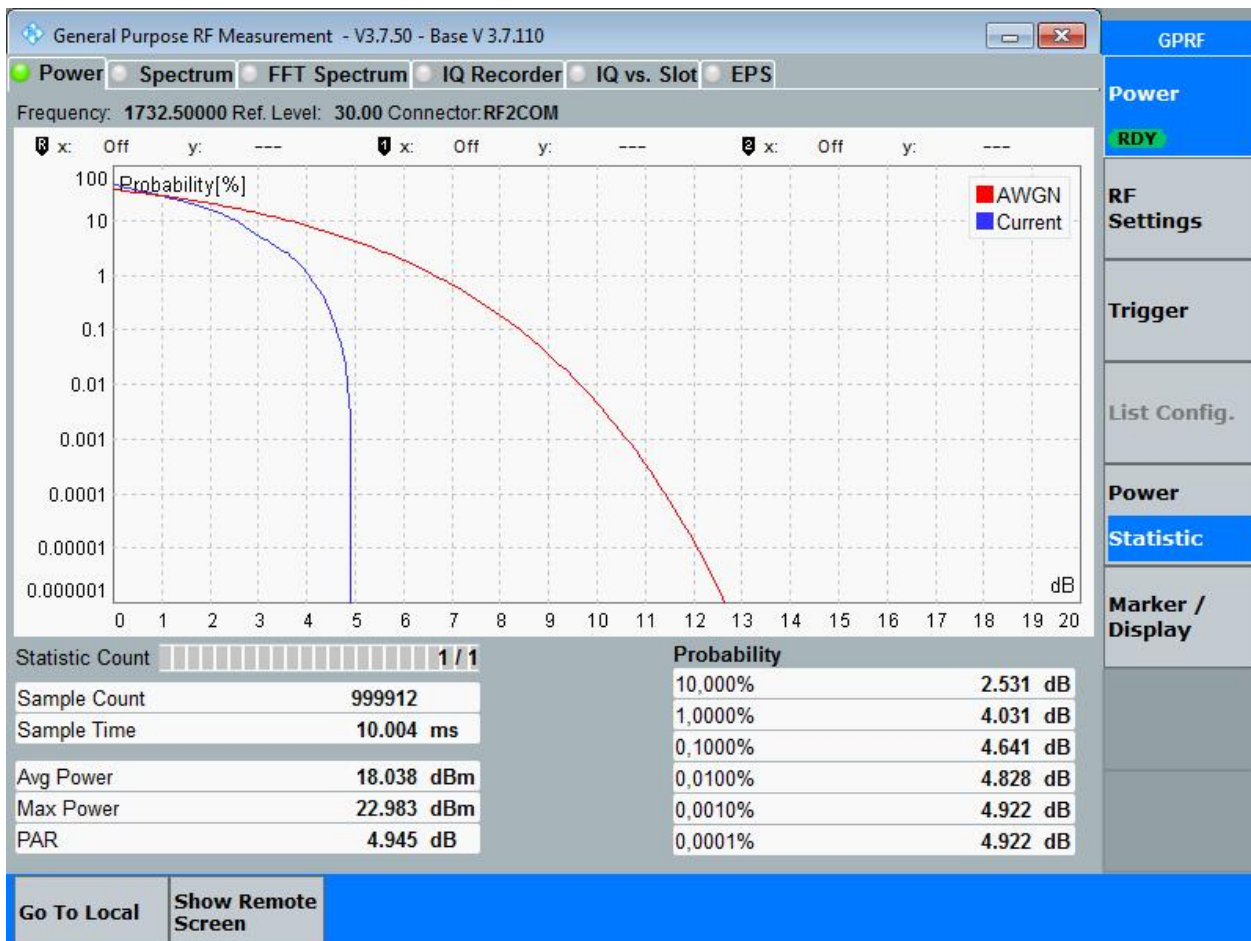
2.3 LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



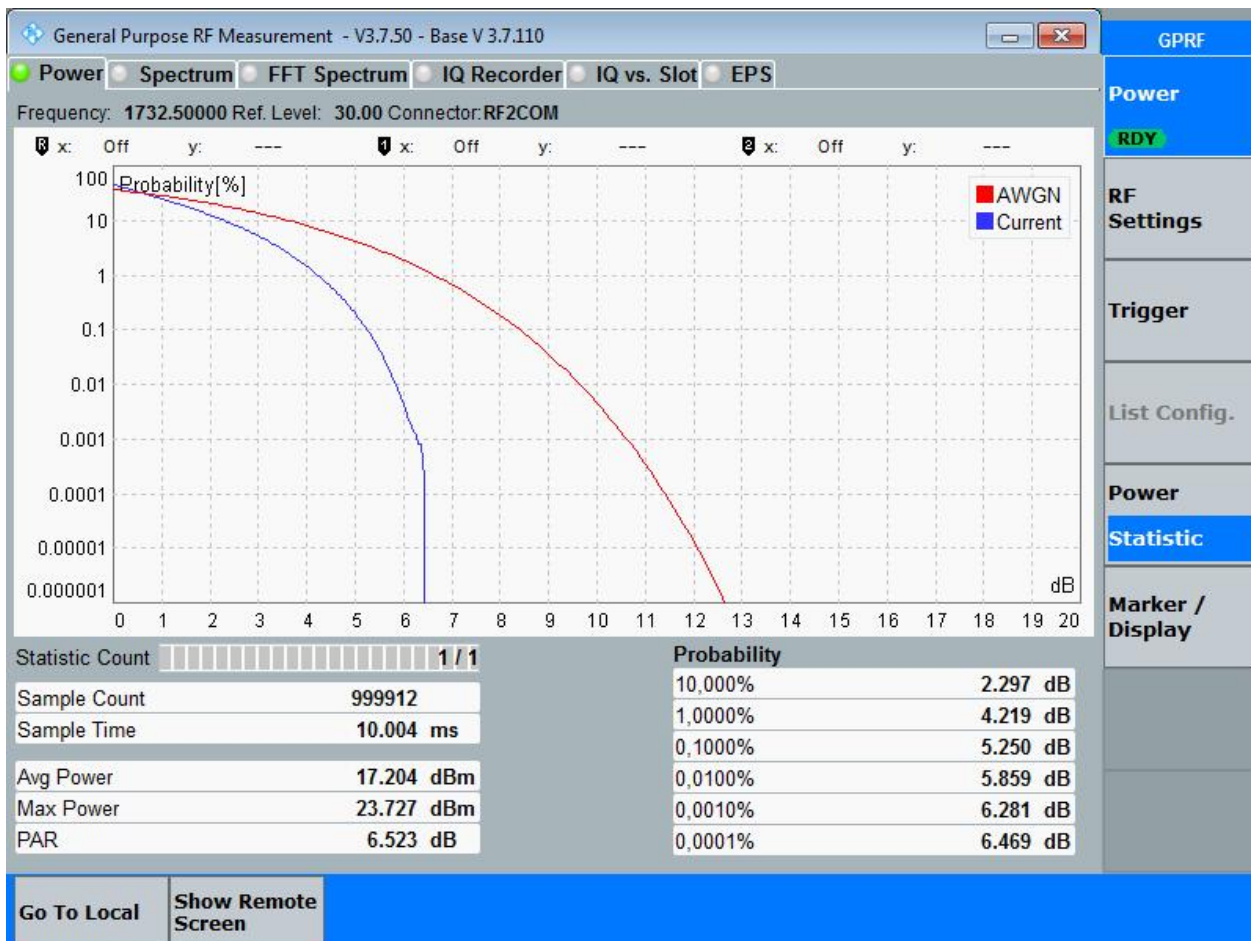
2.4 LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)



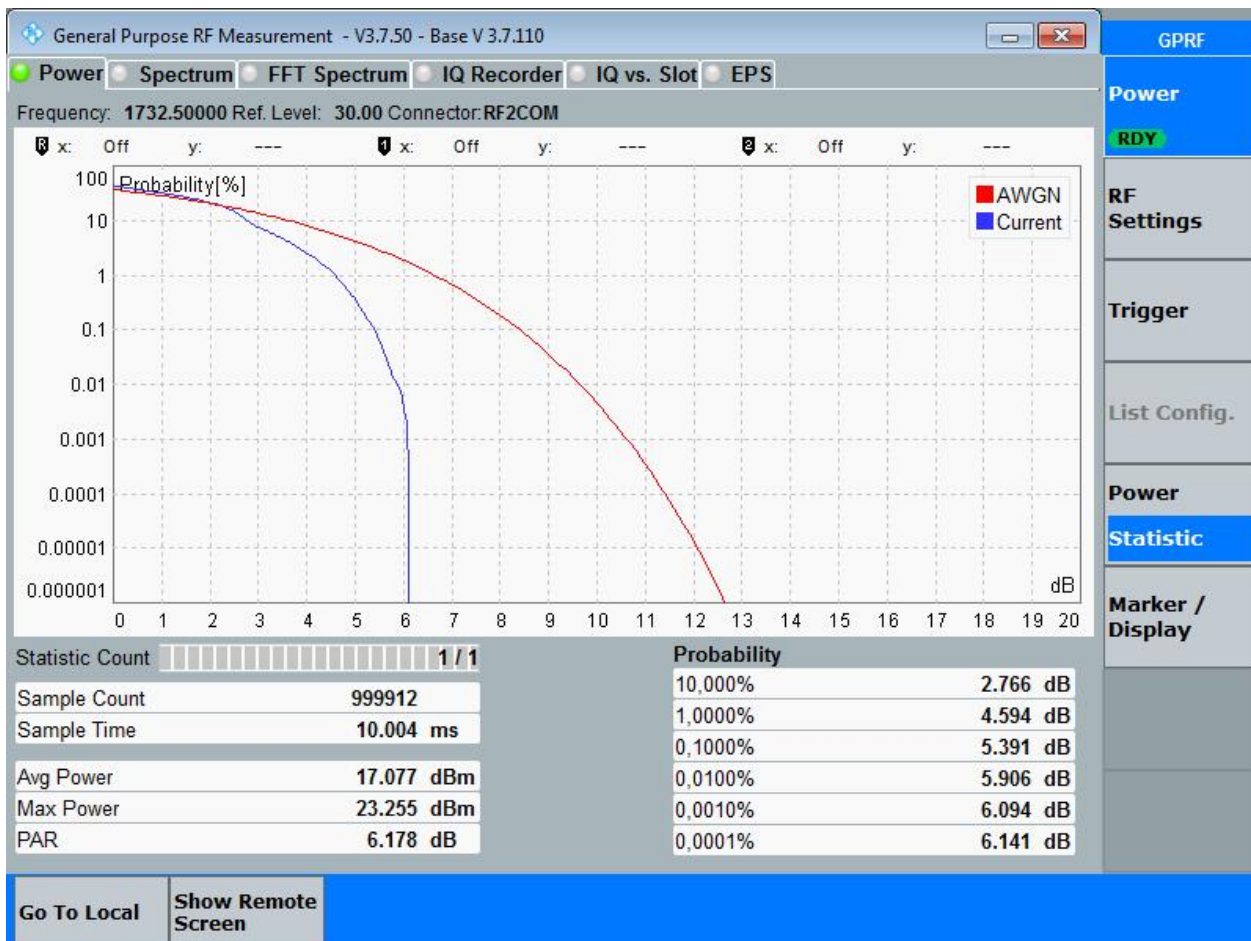
2.5 LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



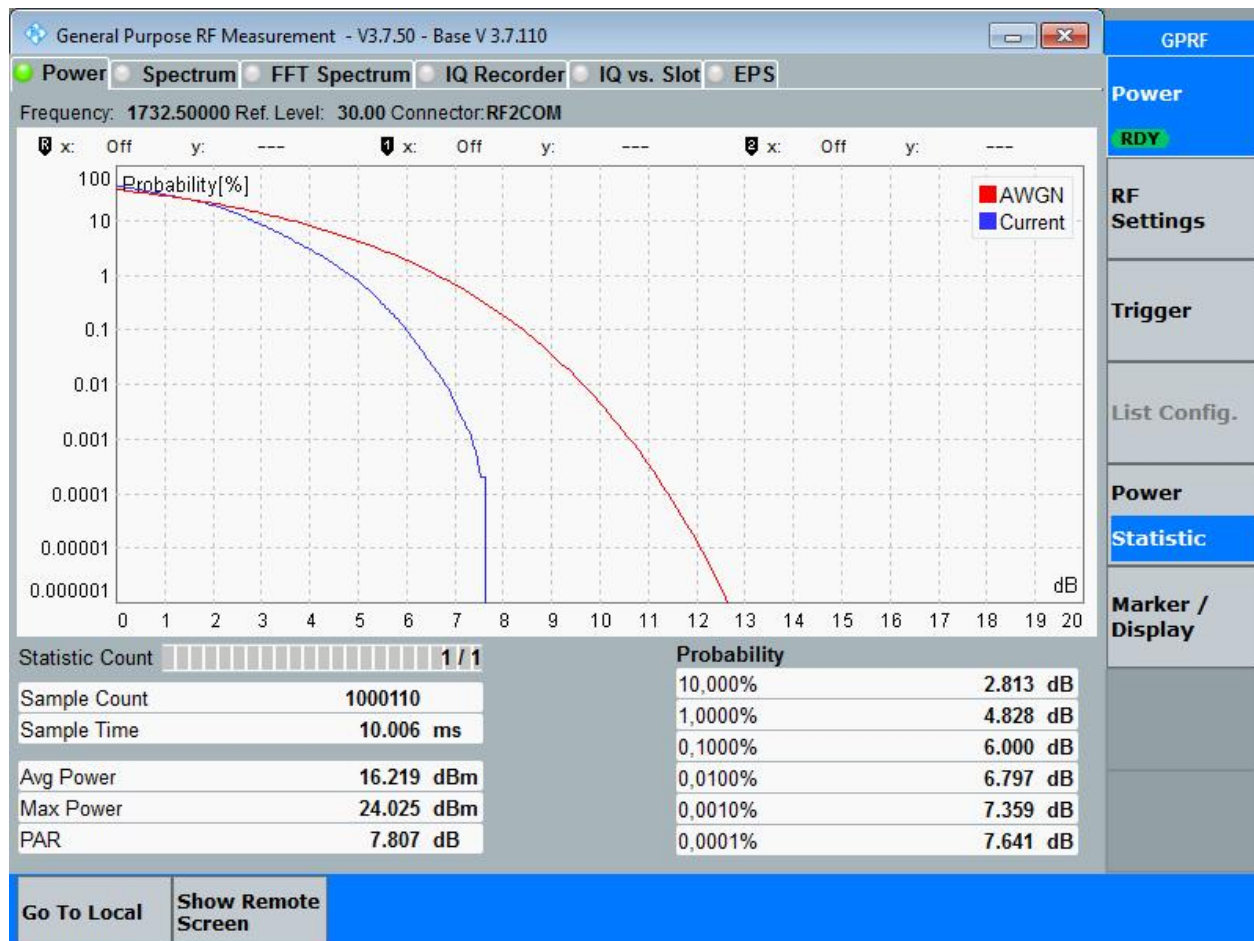
2.6 LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



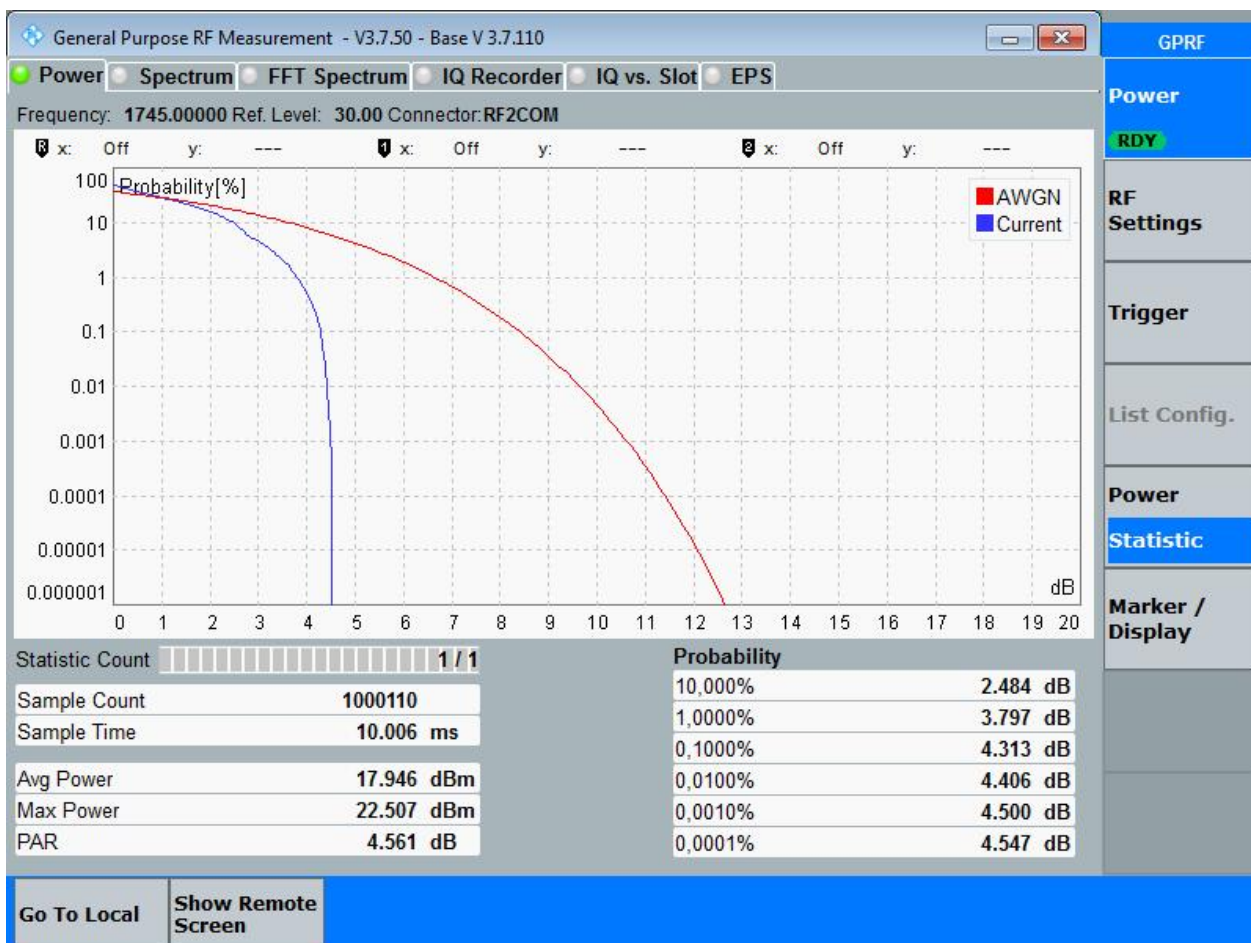
2.7 LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



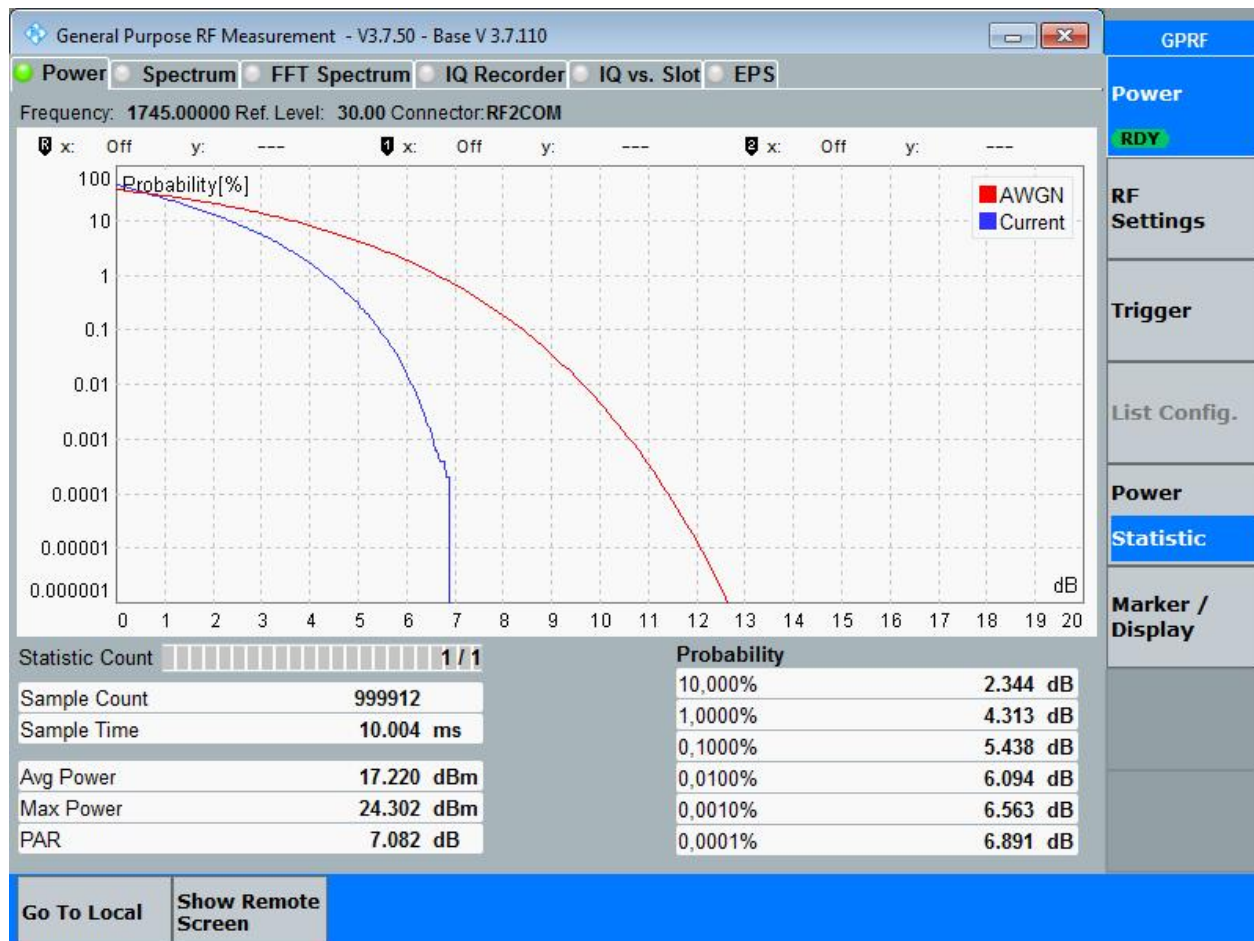
2.8 LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)



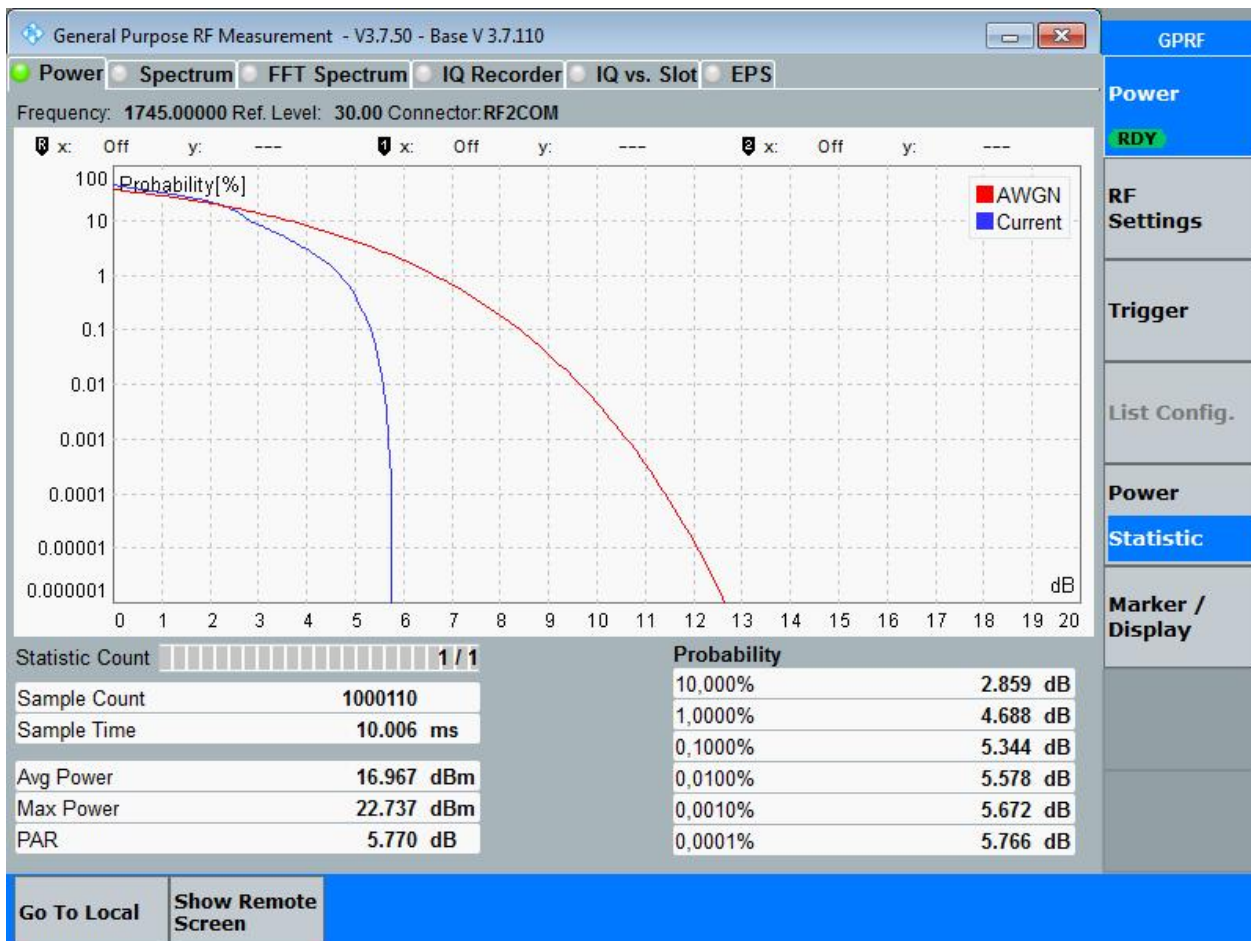
2.9 LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



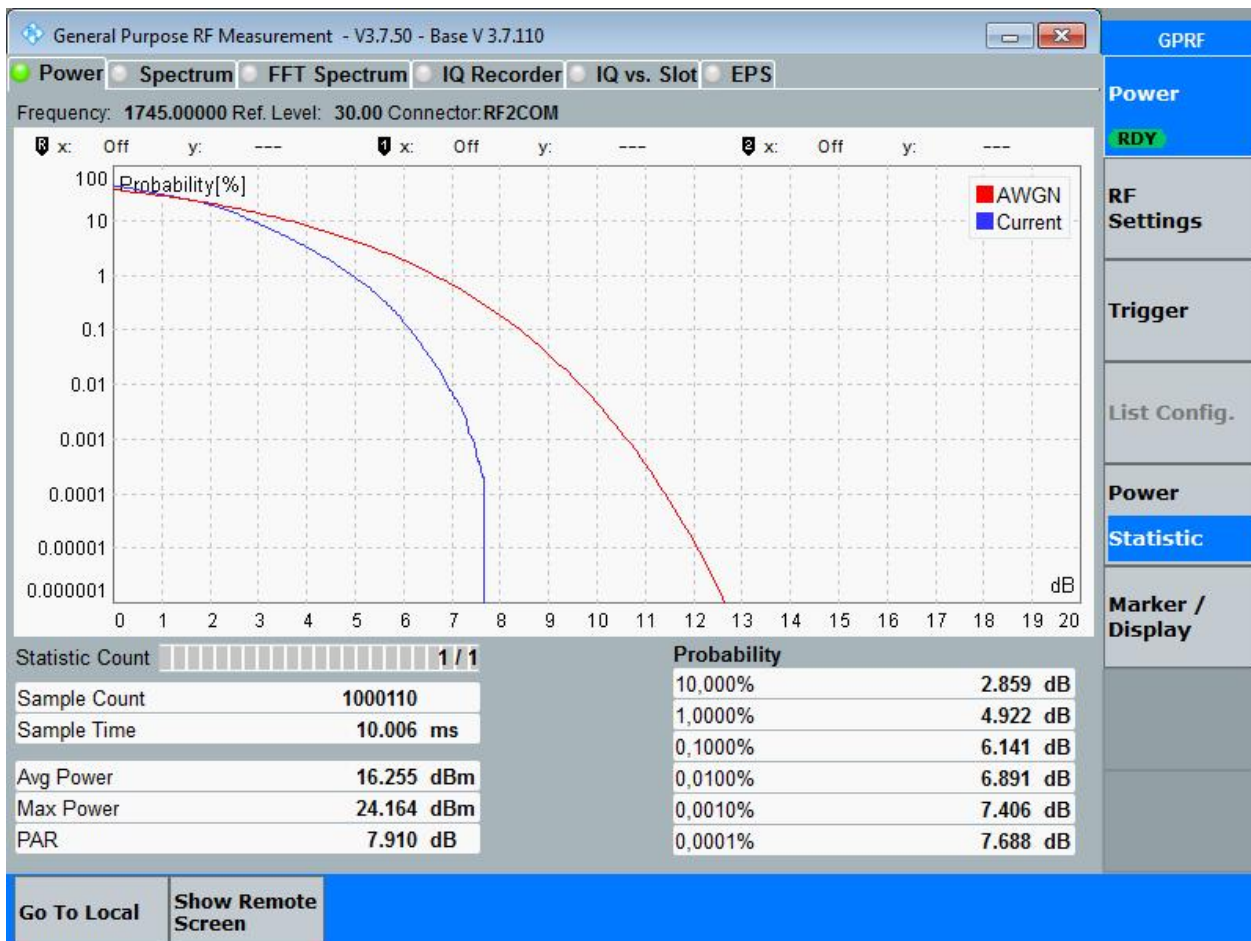
2.10 LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



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

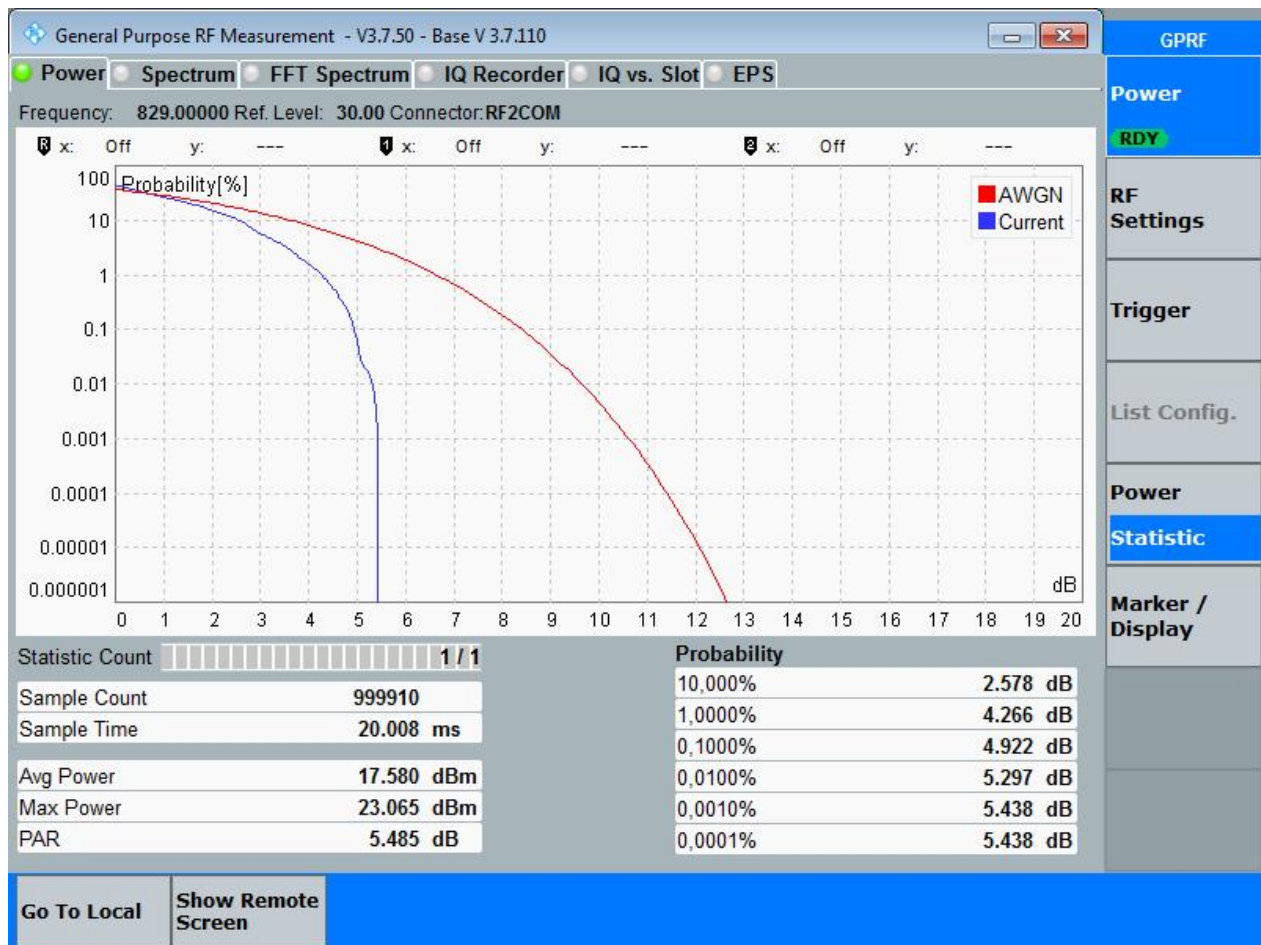


2.12 LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)

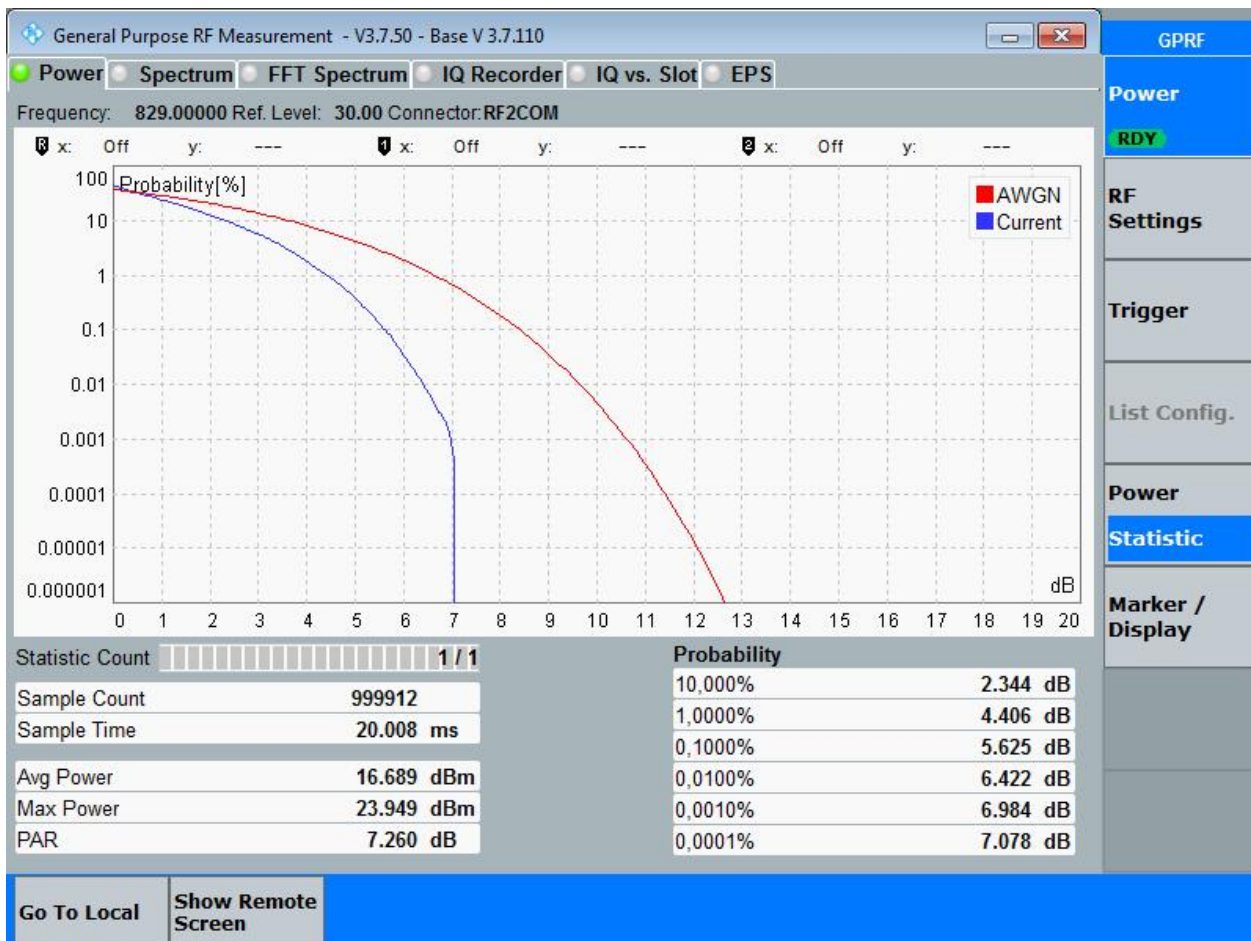


3. LTE_Band5

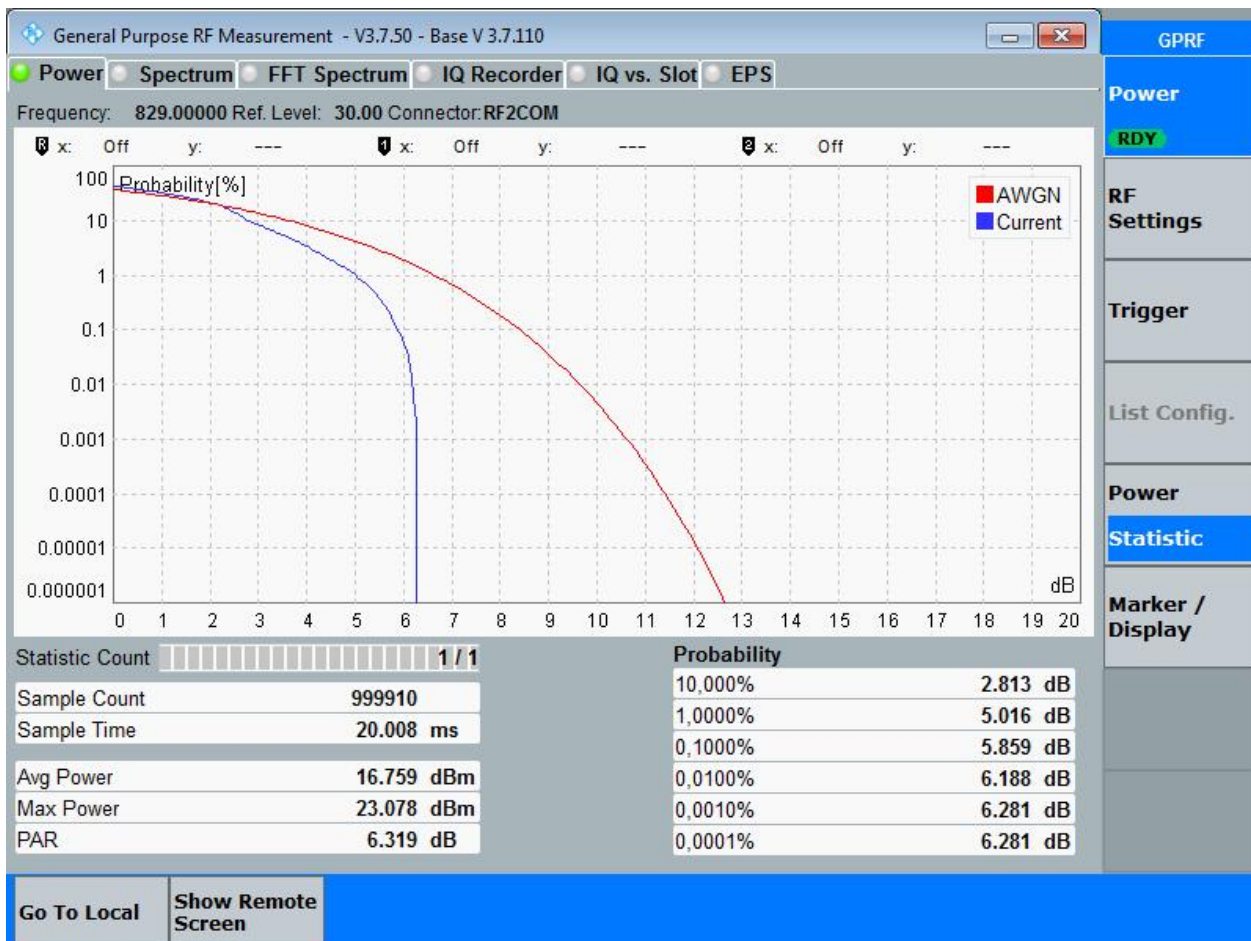
3.1 LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



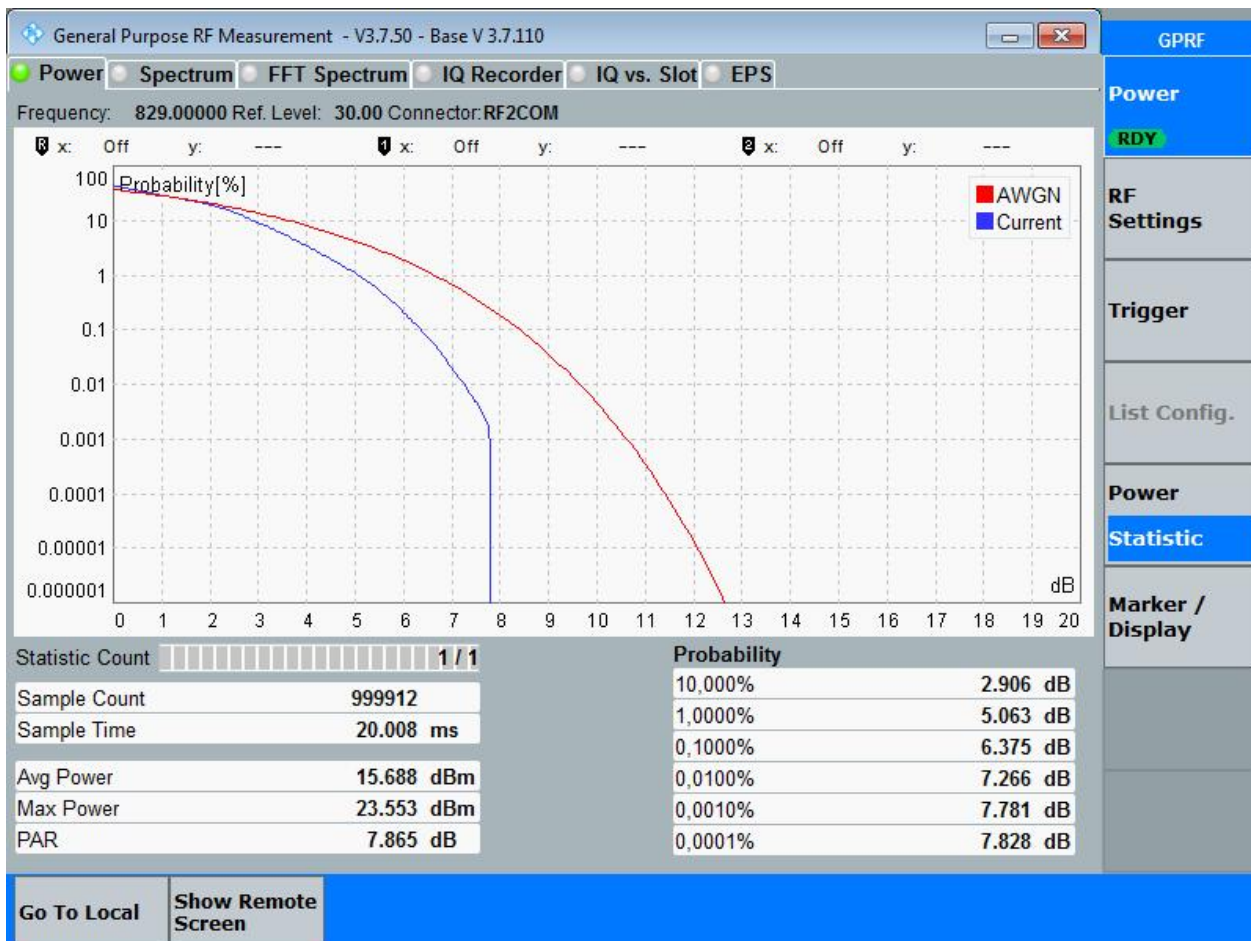
3.2 LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



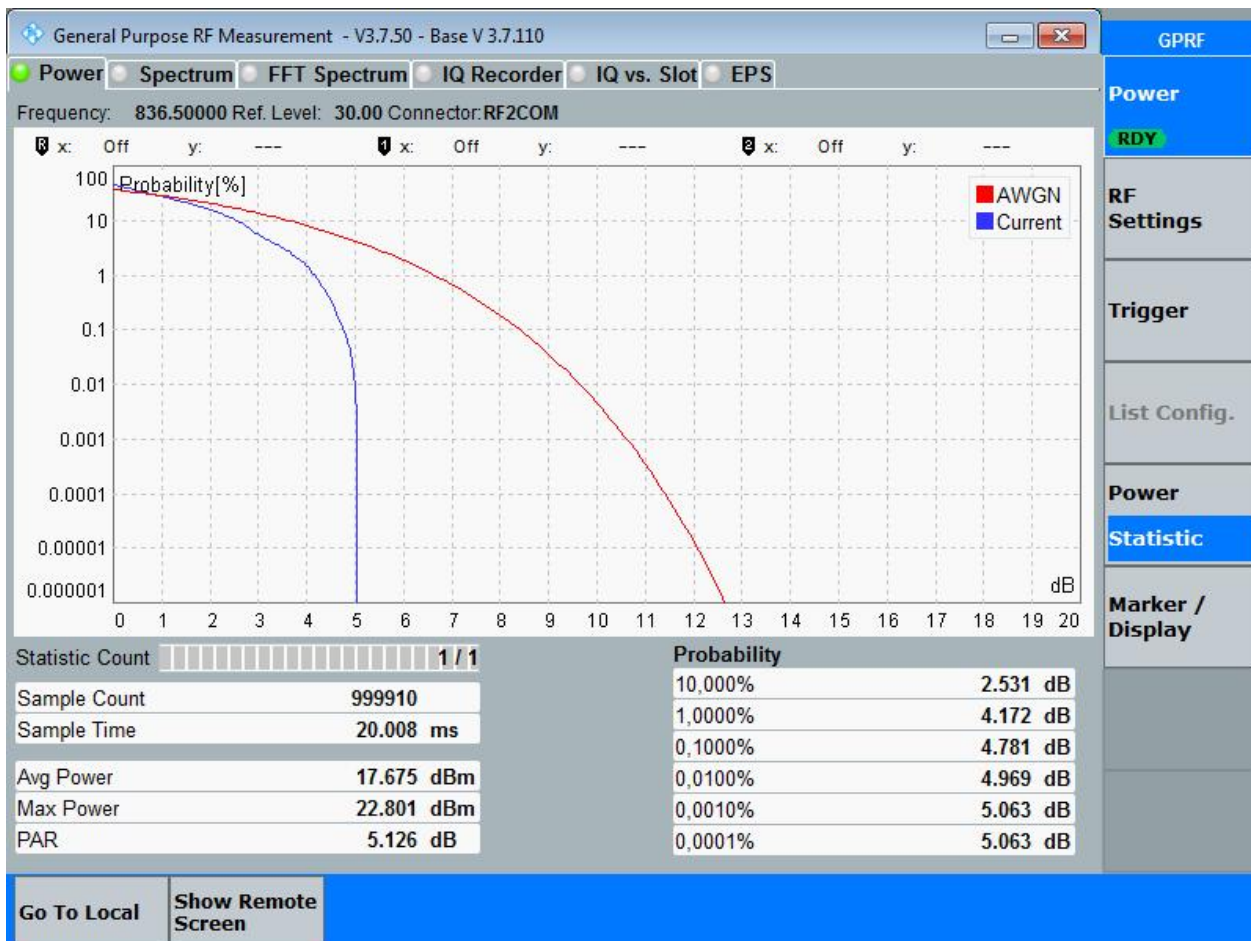
3.3 LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



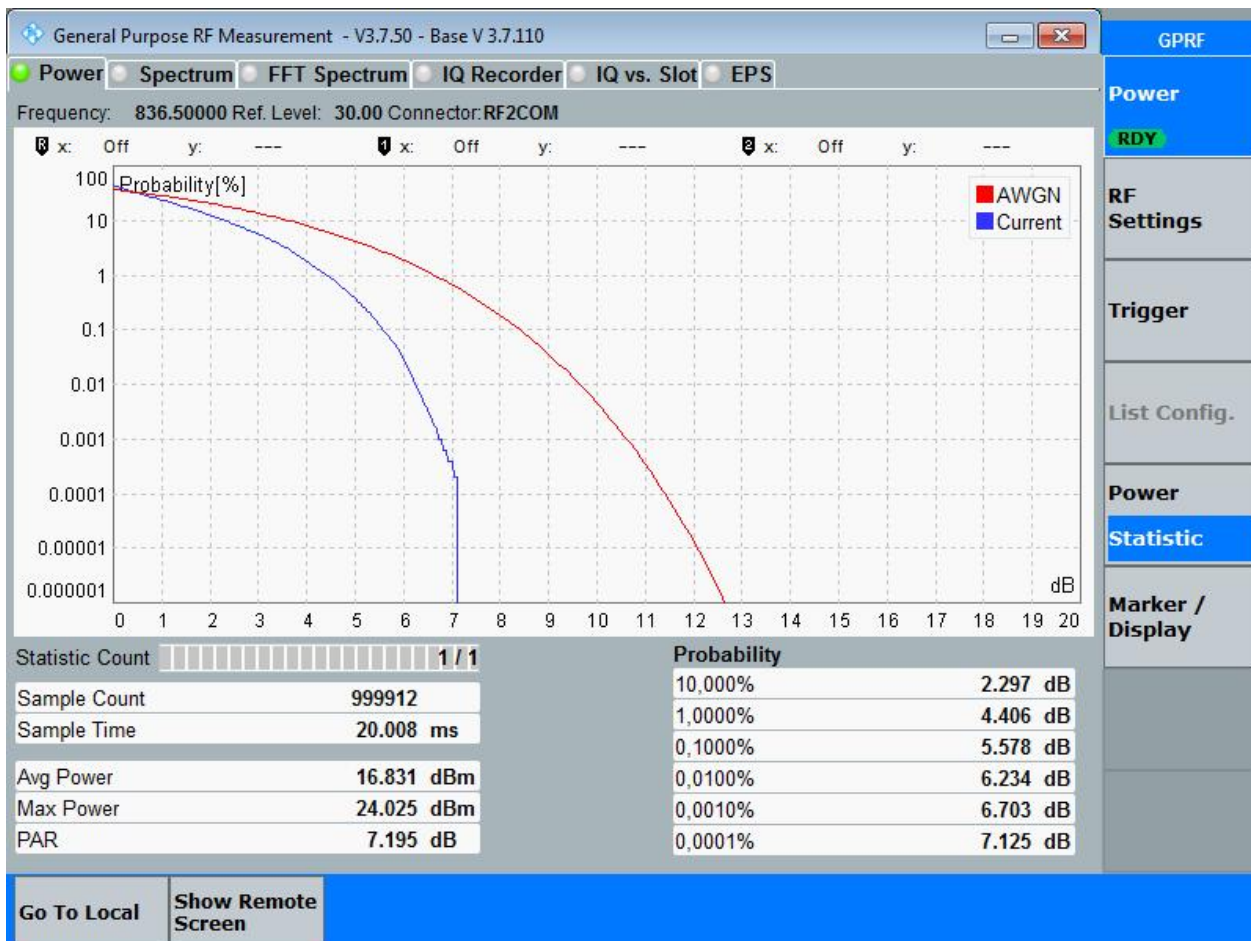
3.4 LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)



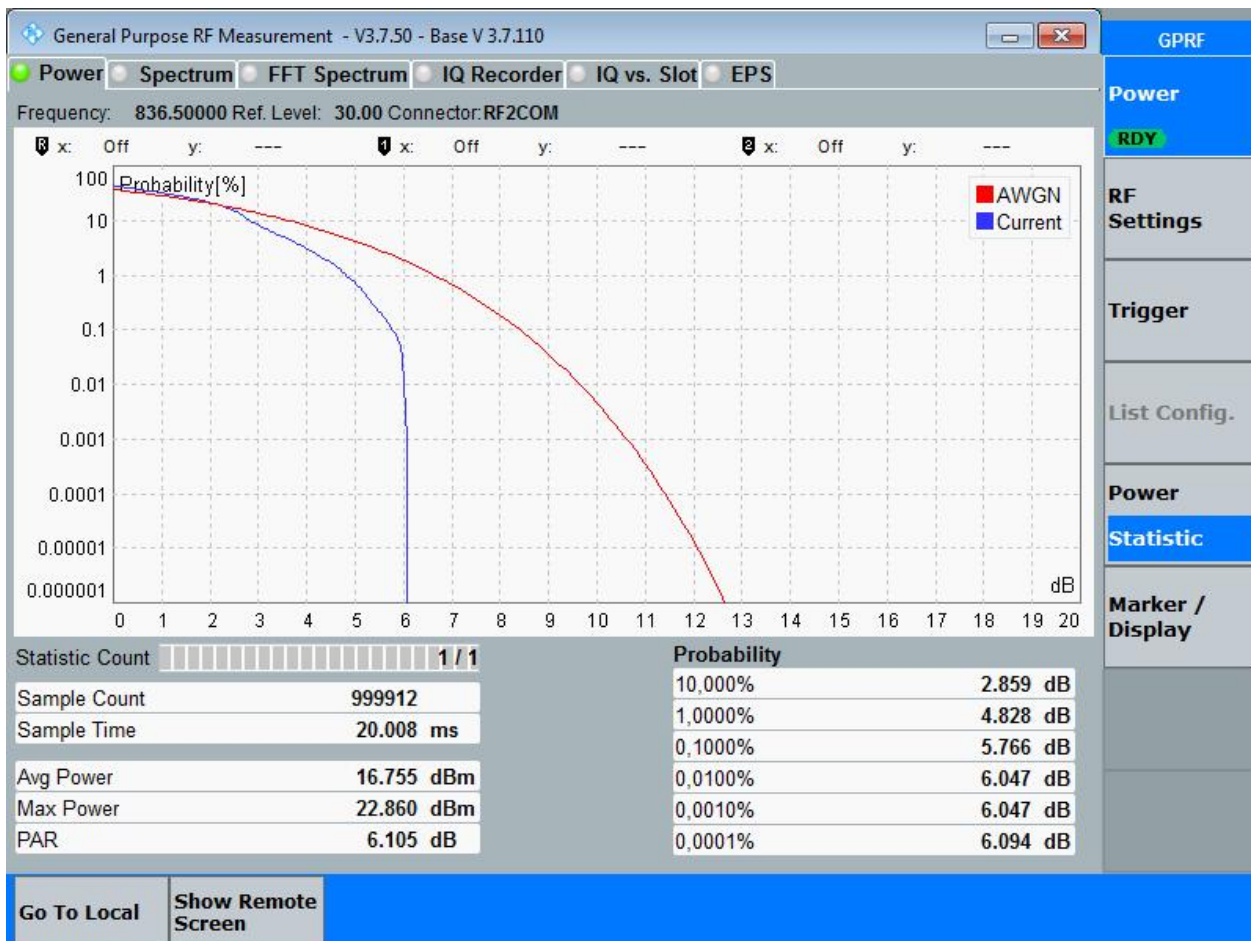
3.5 LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



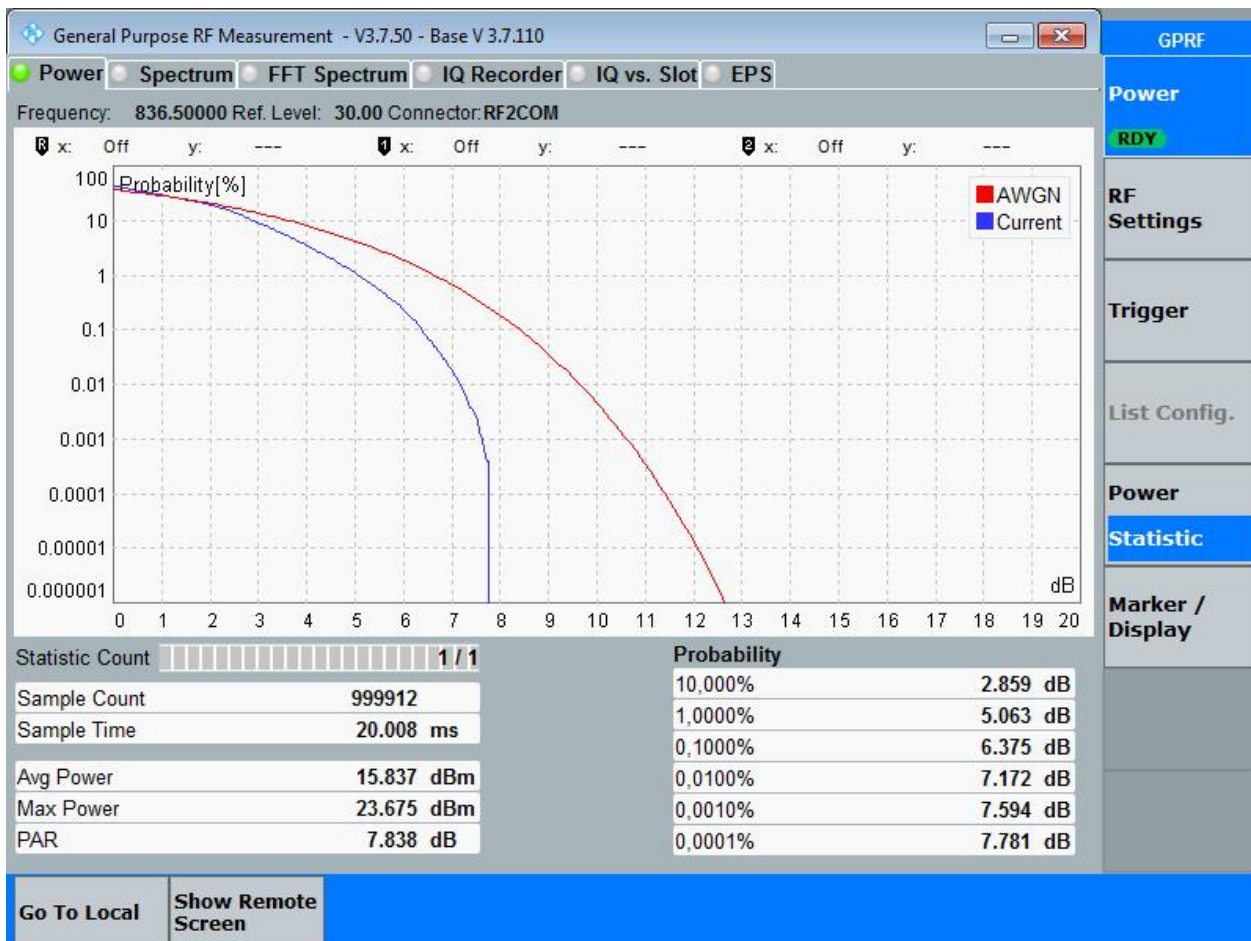
3.6 LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



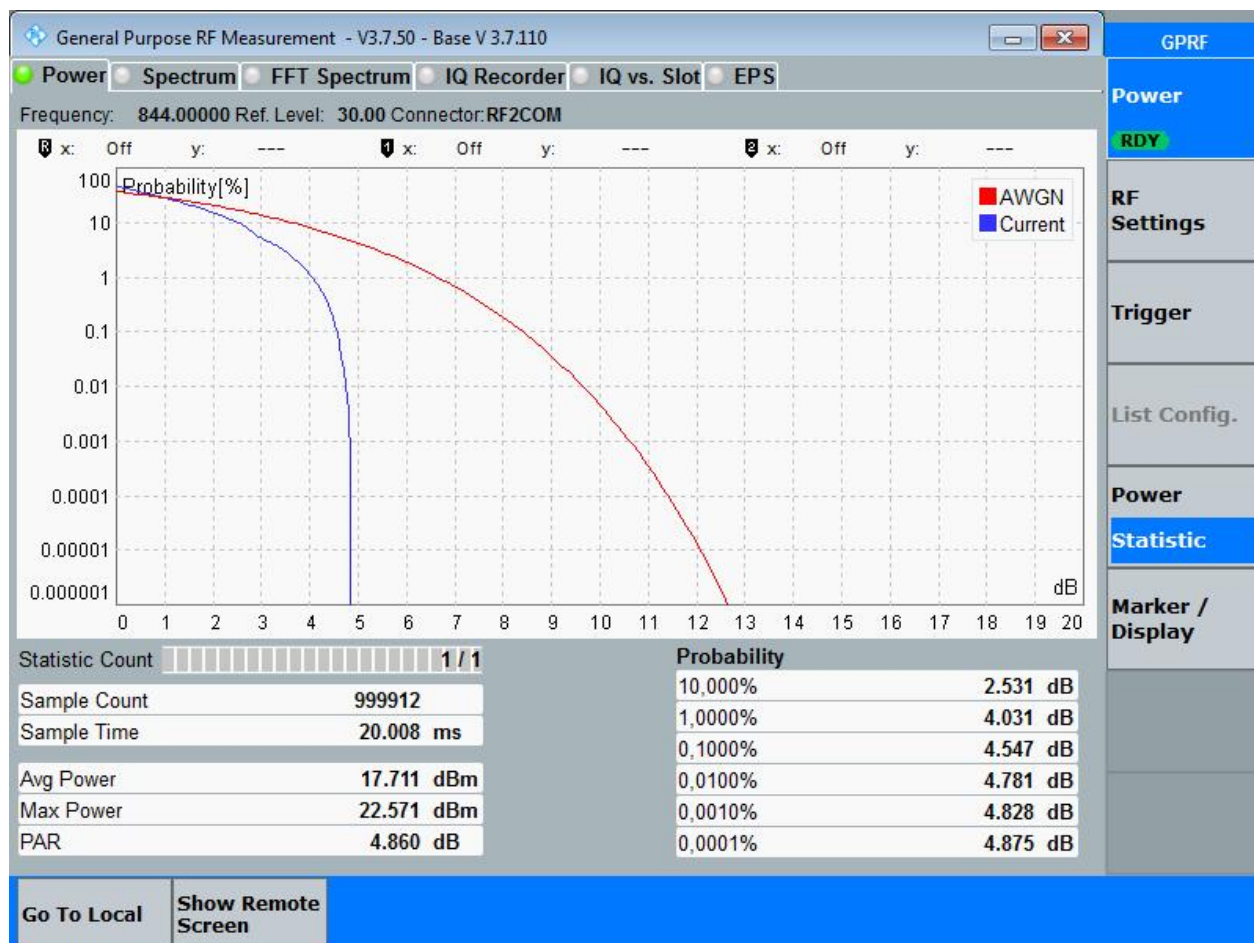
3.7 LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



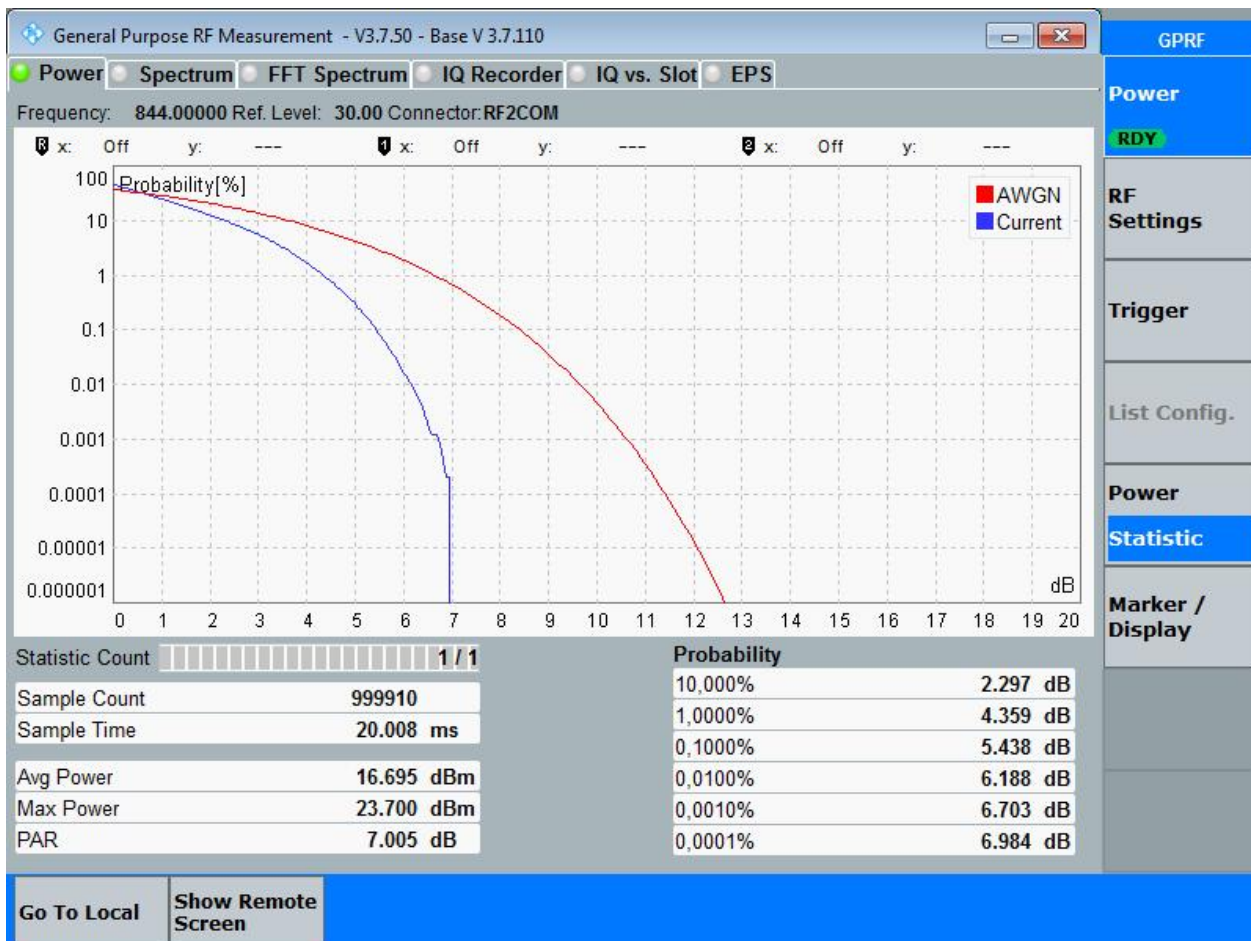
3.8 LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)



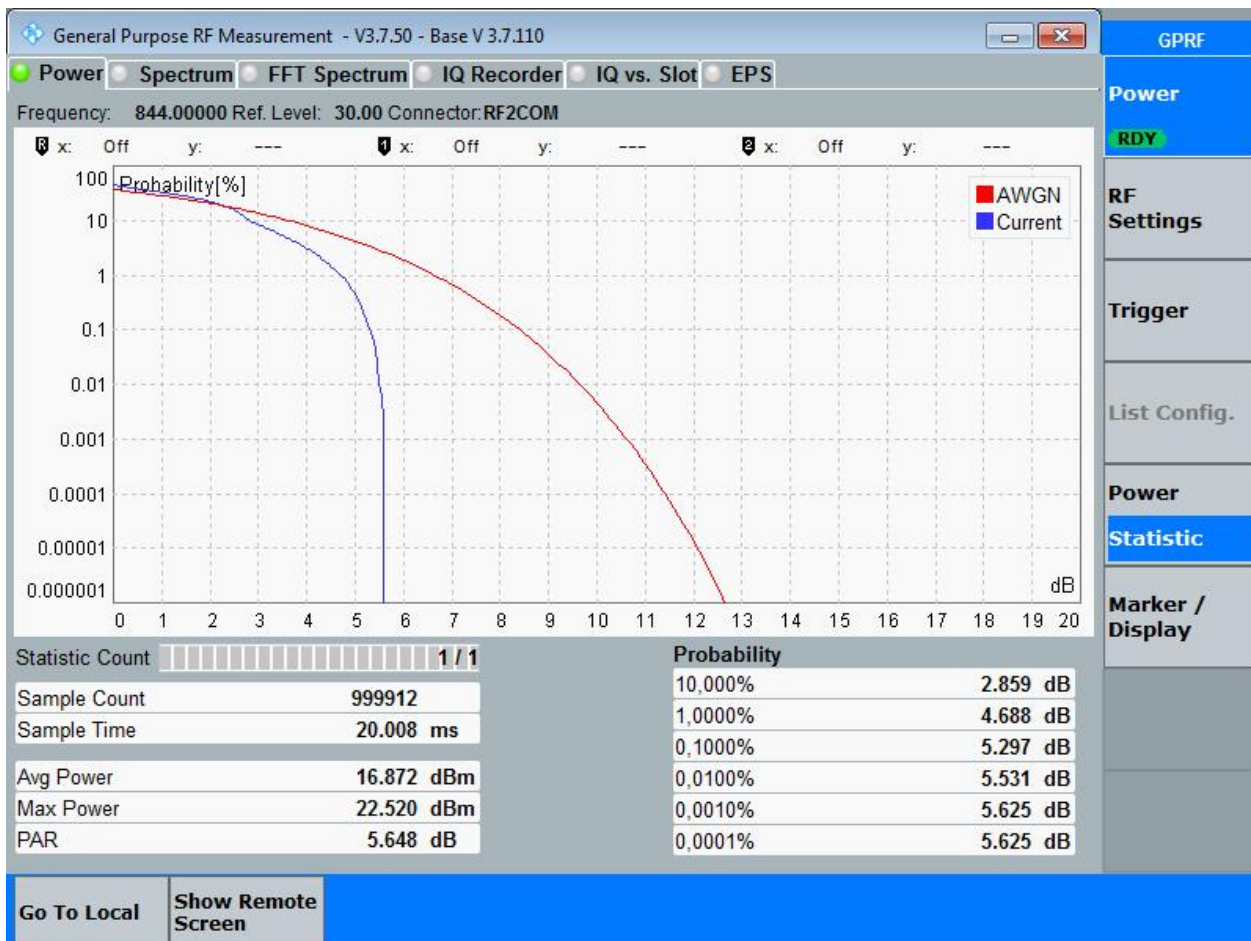
3.9 LTE Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



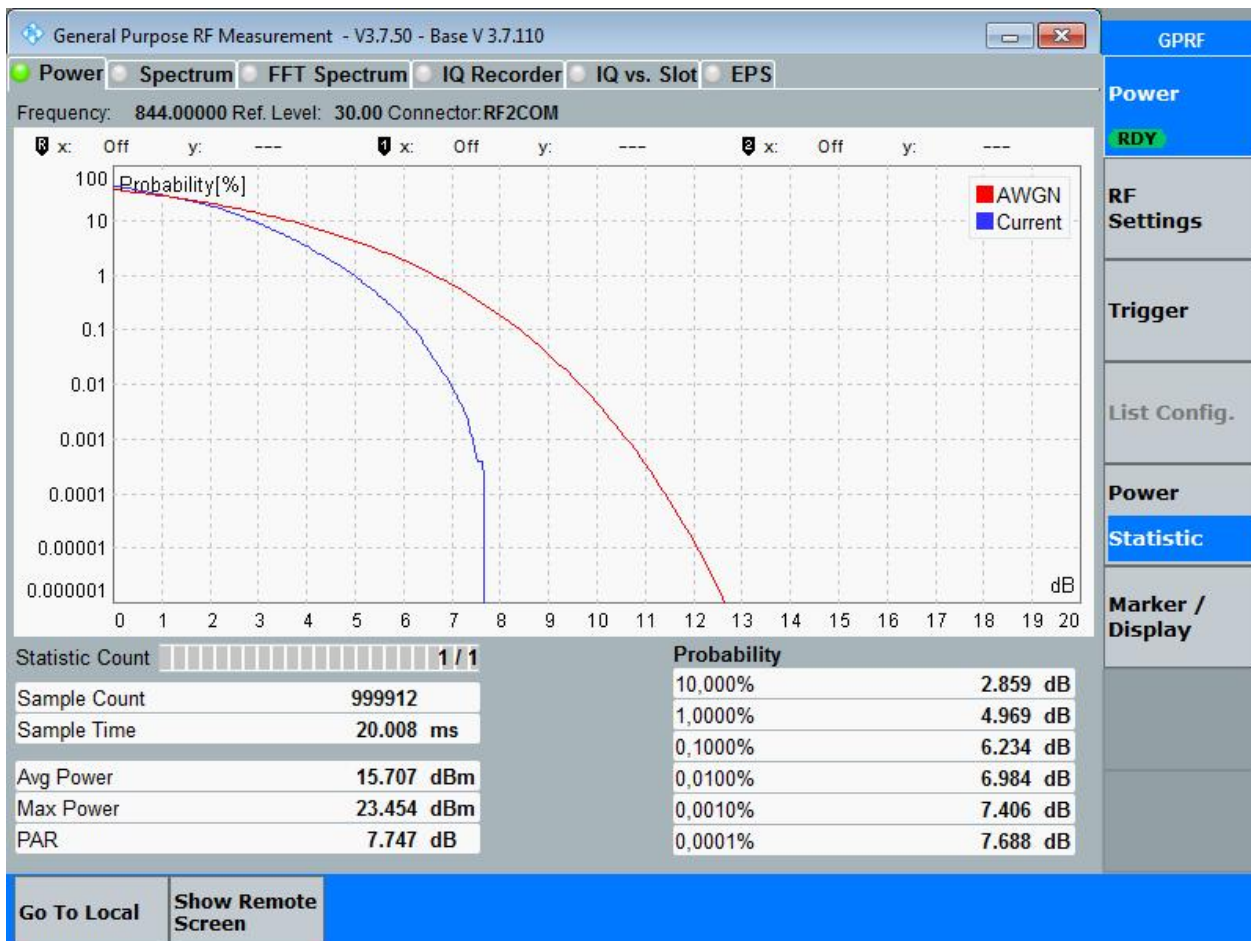
3.10 LTE Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



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

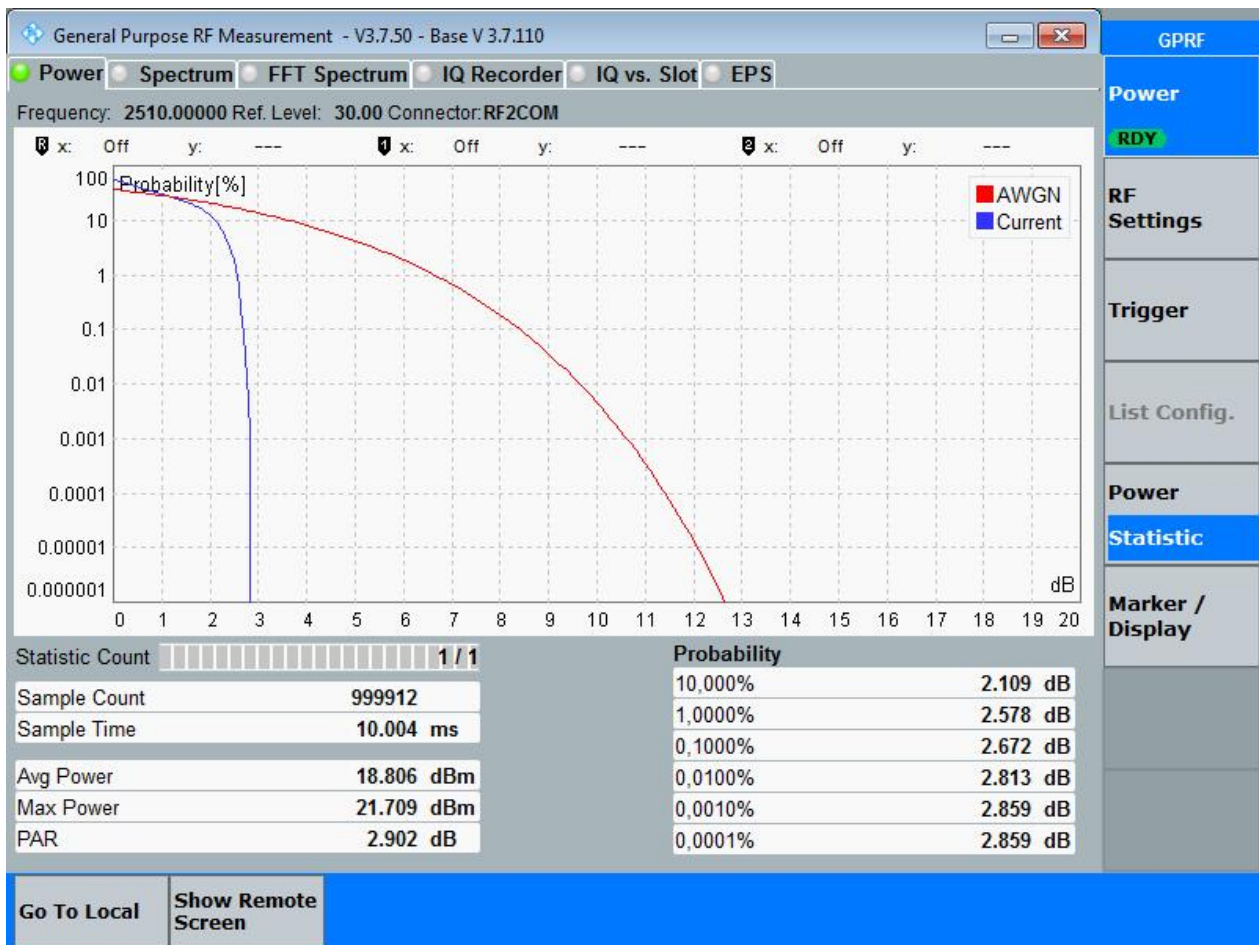


3.12 LTE Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)

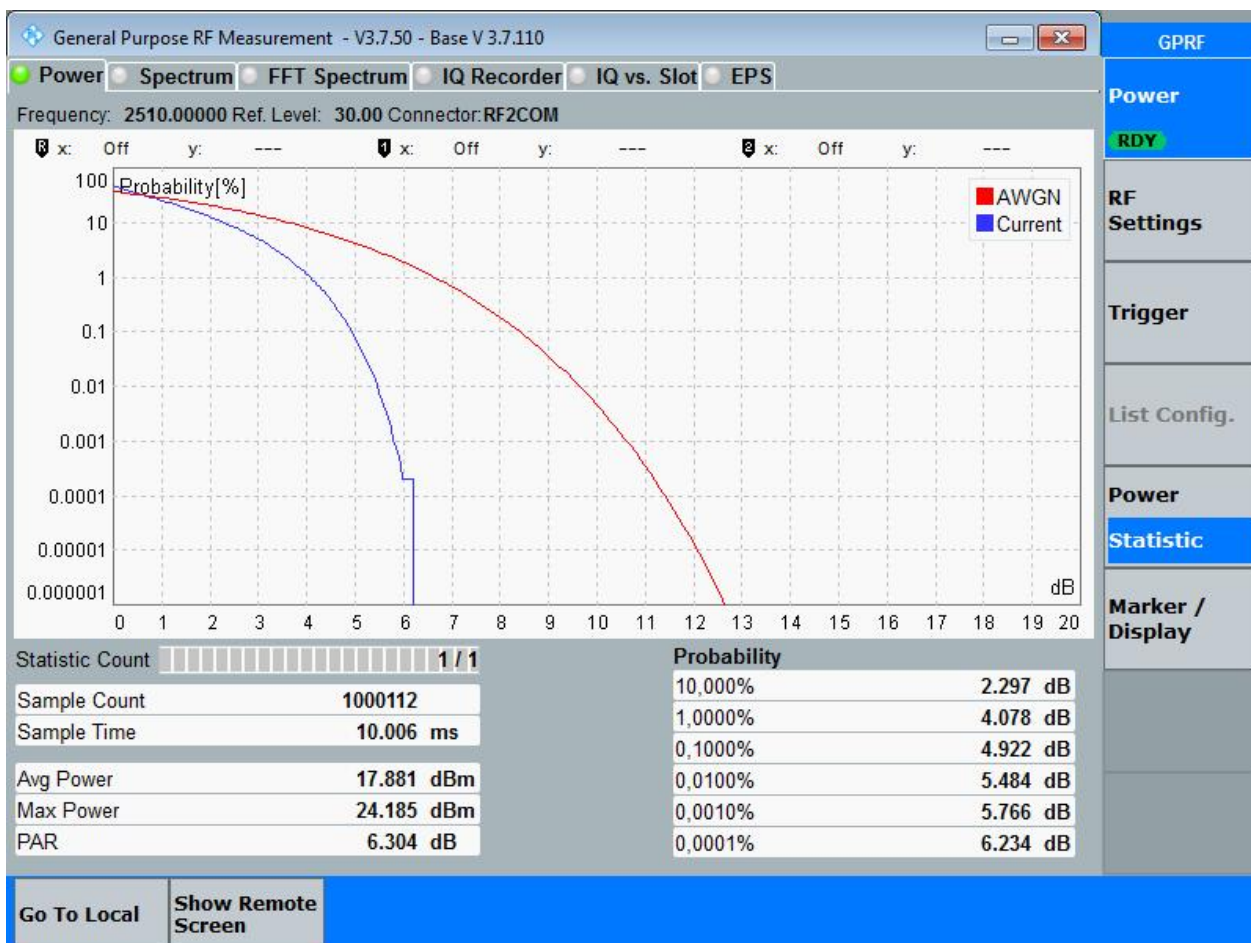


4. LTE_Band7

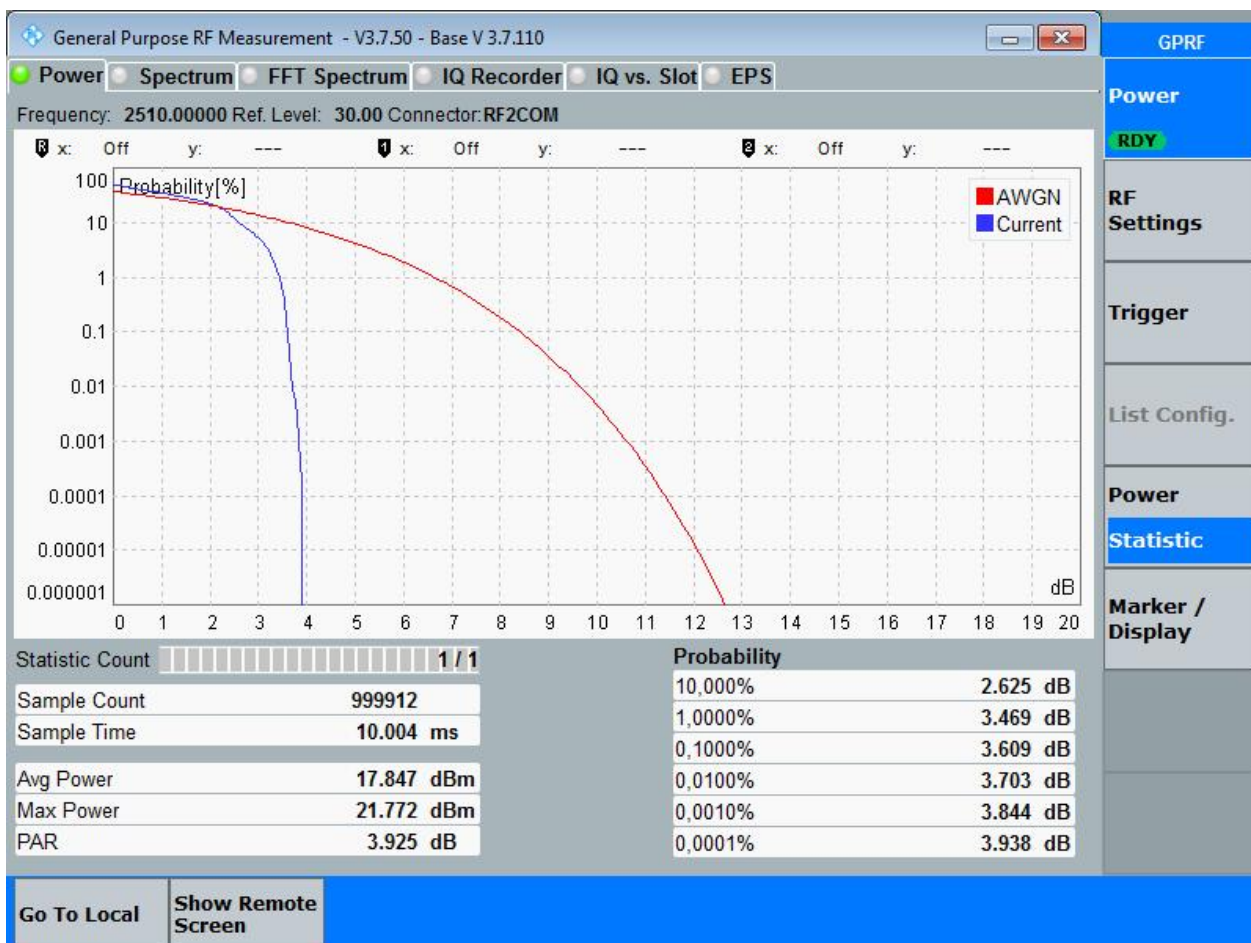
4.1 LTE Peak to Average Ratio_Part22-24-27(Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



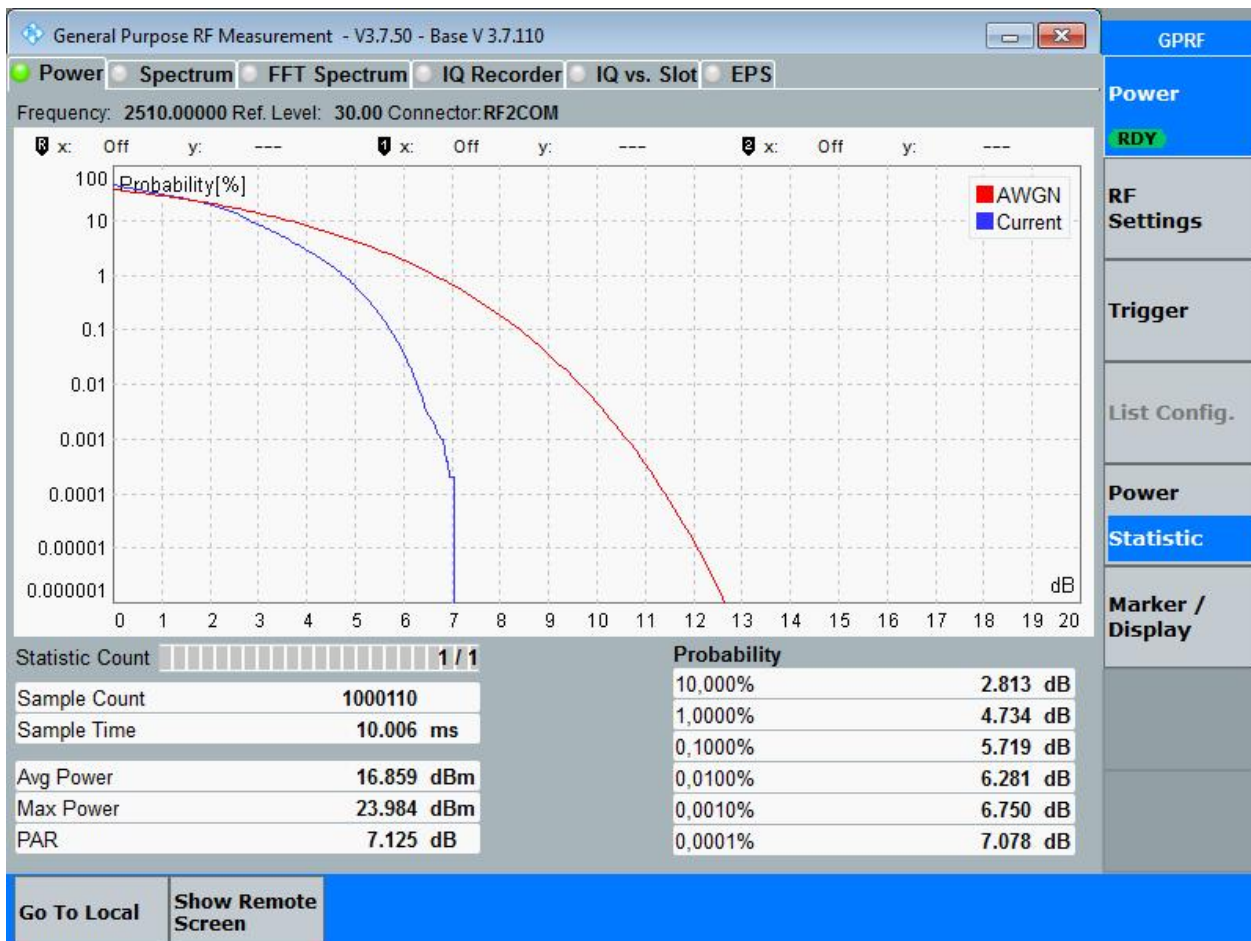
4.2 LTE Peak to Average Ratio_Part22-24-27(Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



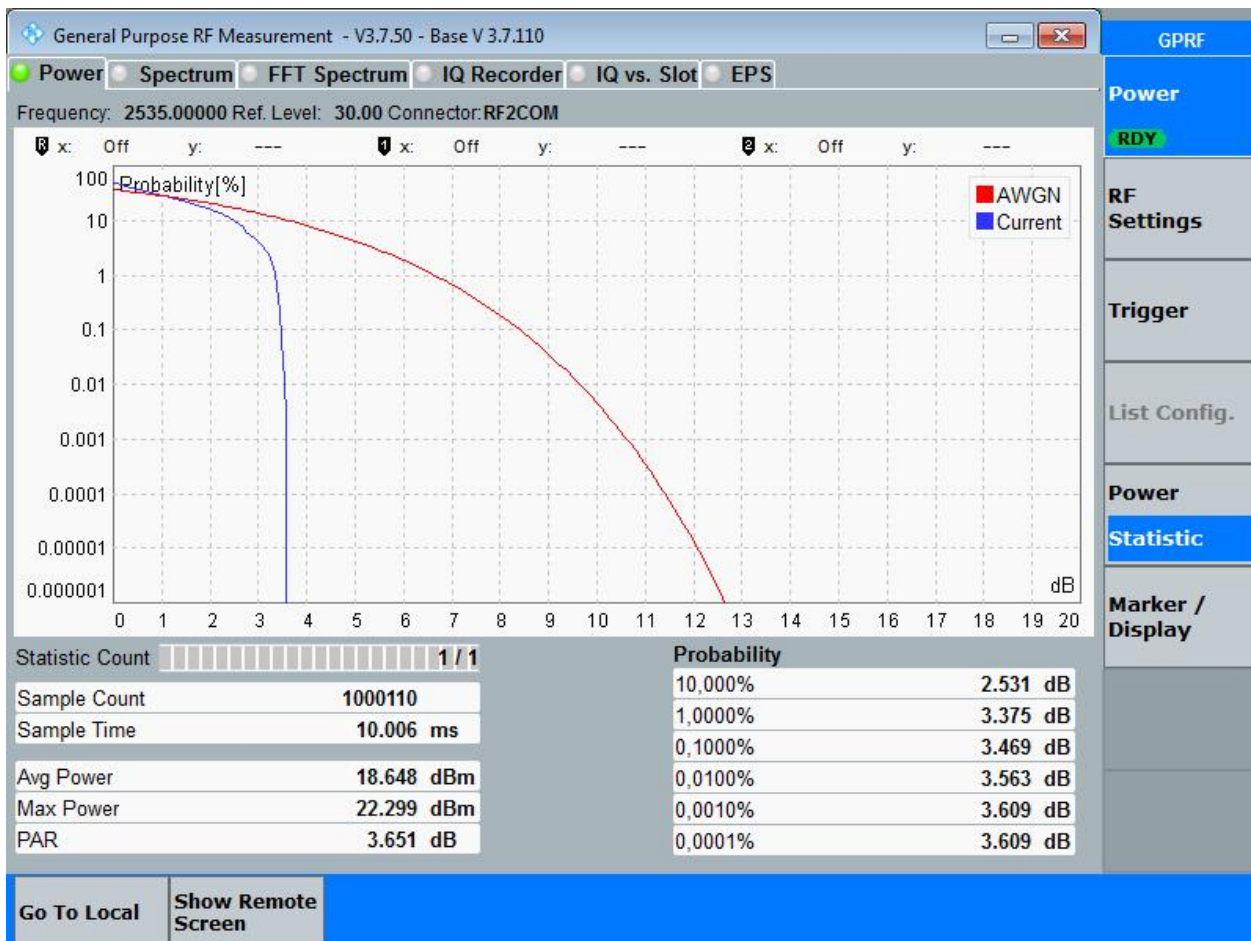
4.3 LTE Peak to Average Ratio_Part22-24-27(Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



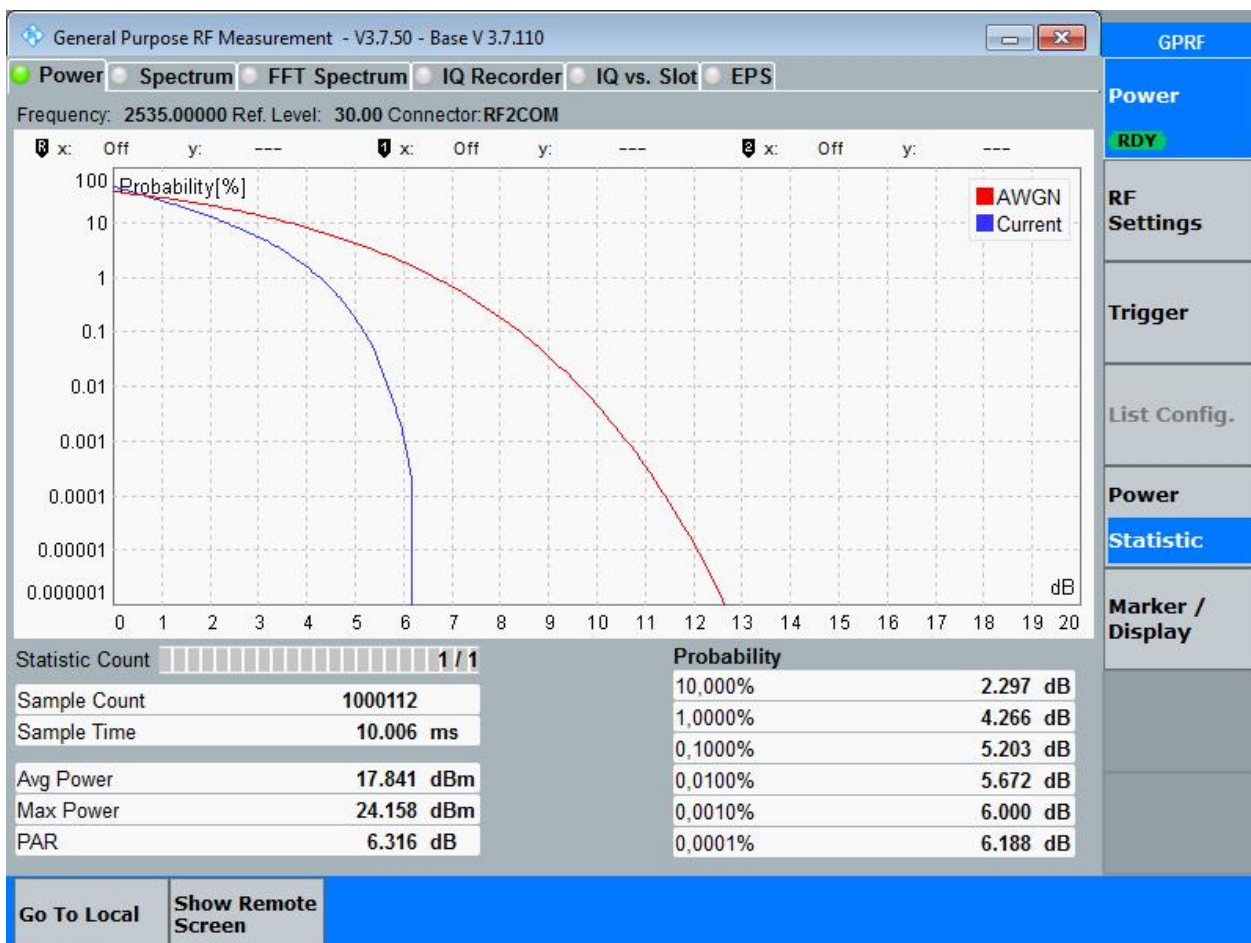
4.4 LTE Peak to Average Ratio_Part22-24-27(Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)



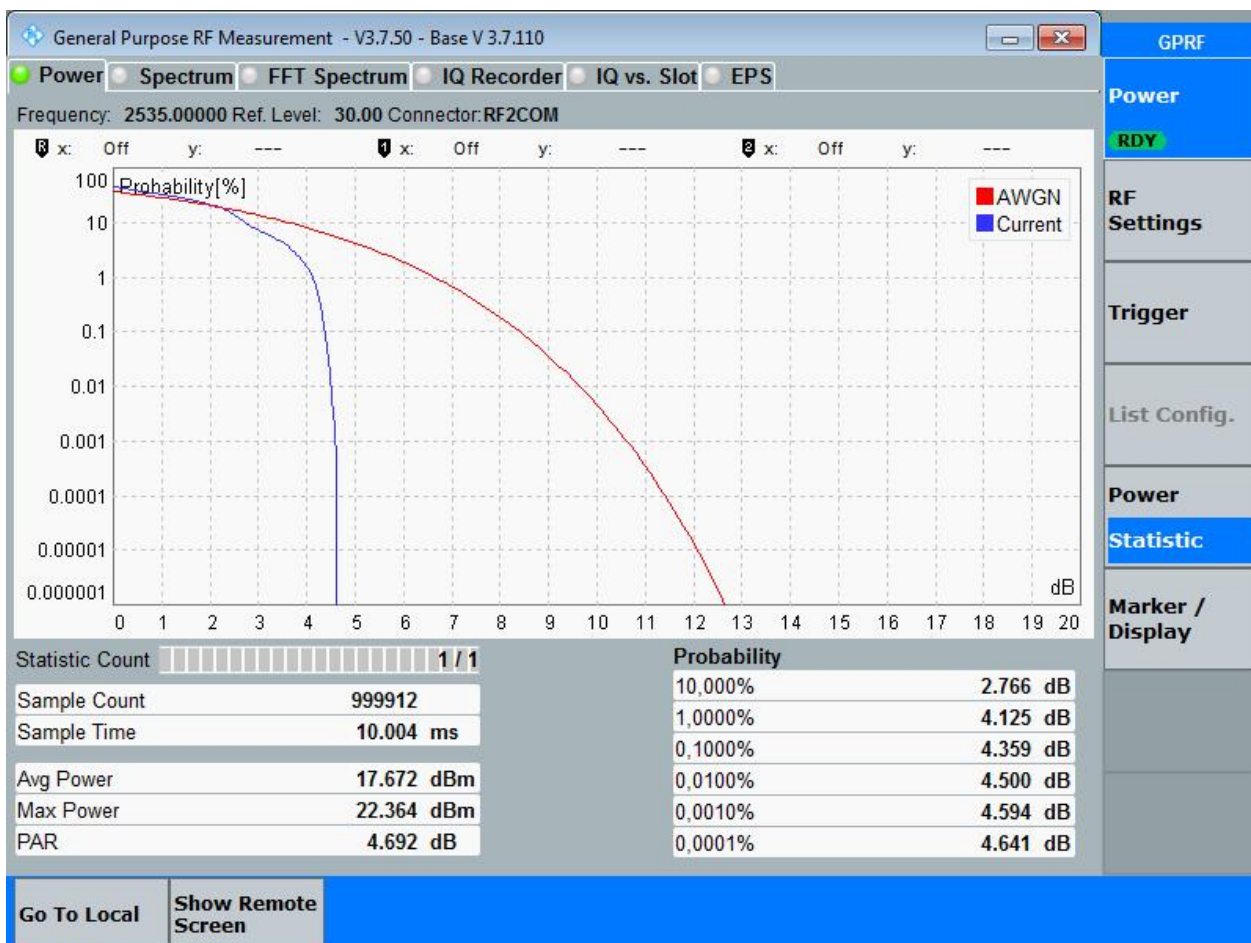
4.5 LTE Peak to Average Ratio_Part22-24-27(Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)



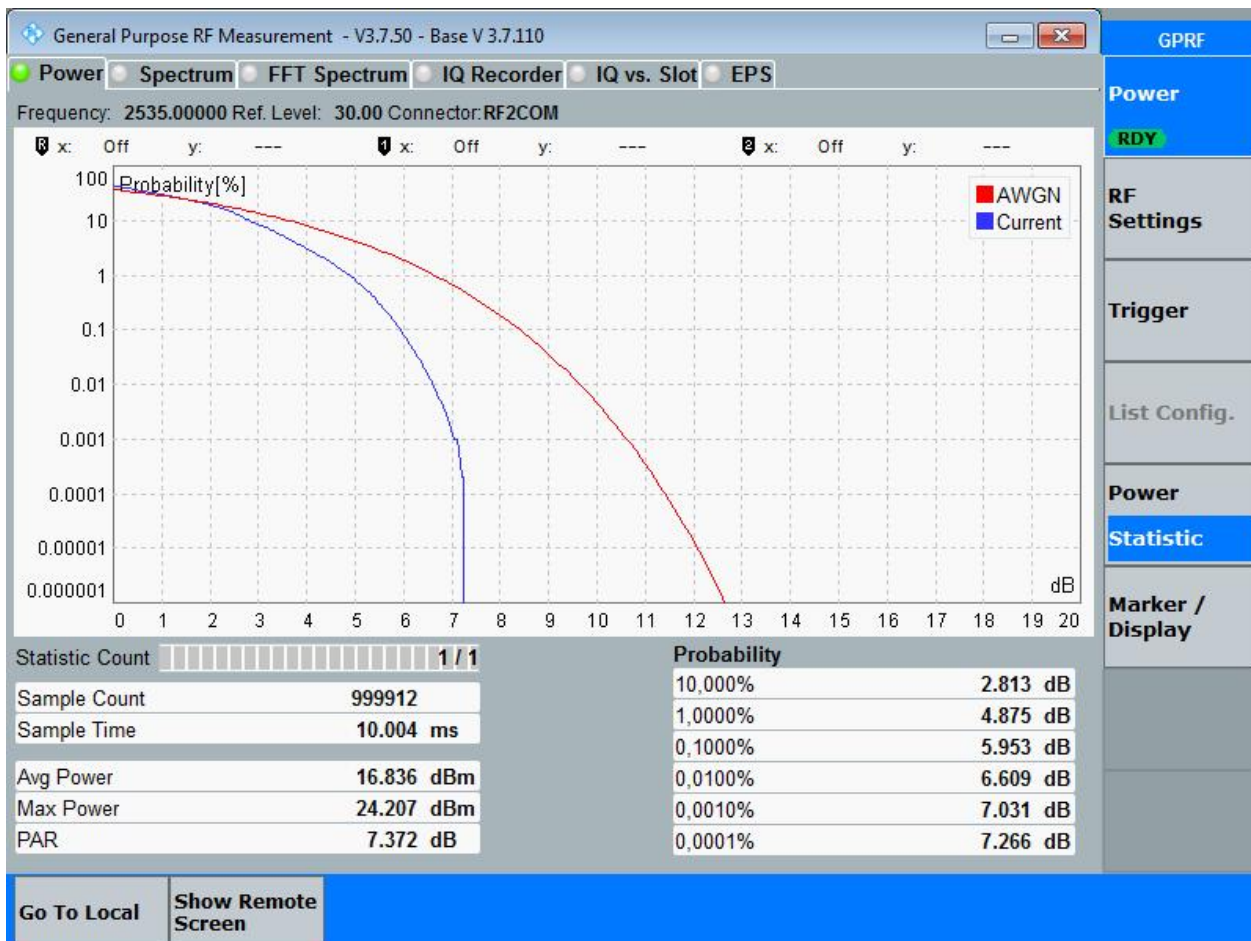
4.6 LTE Peak to Average Ratio_Part22-24-27(Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



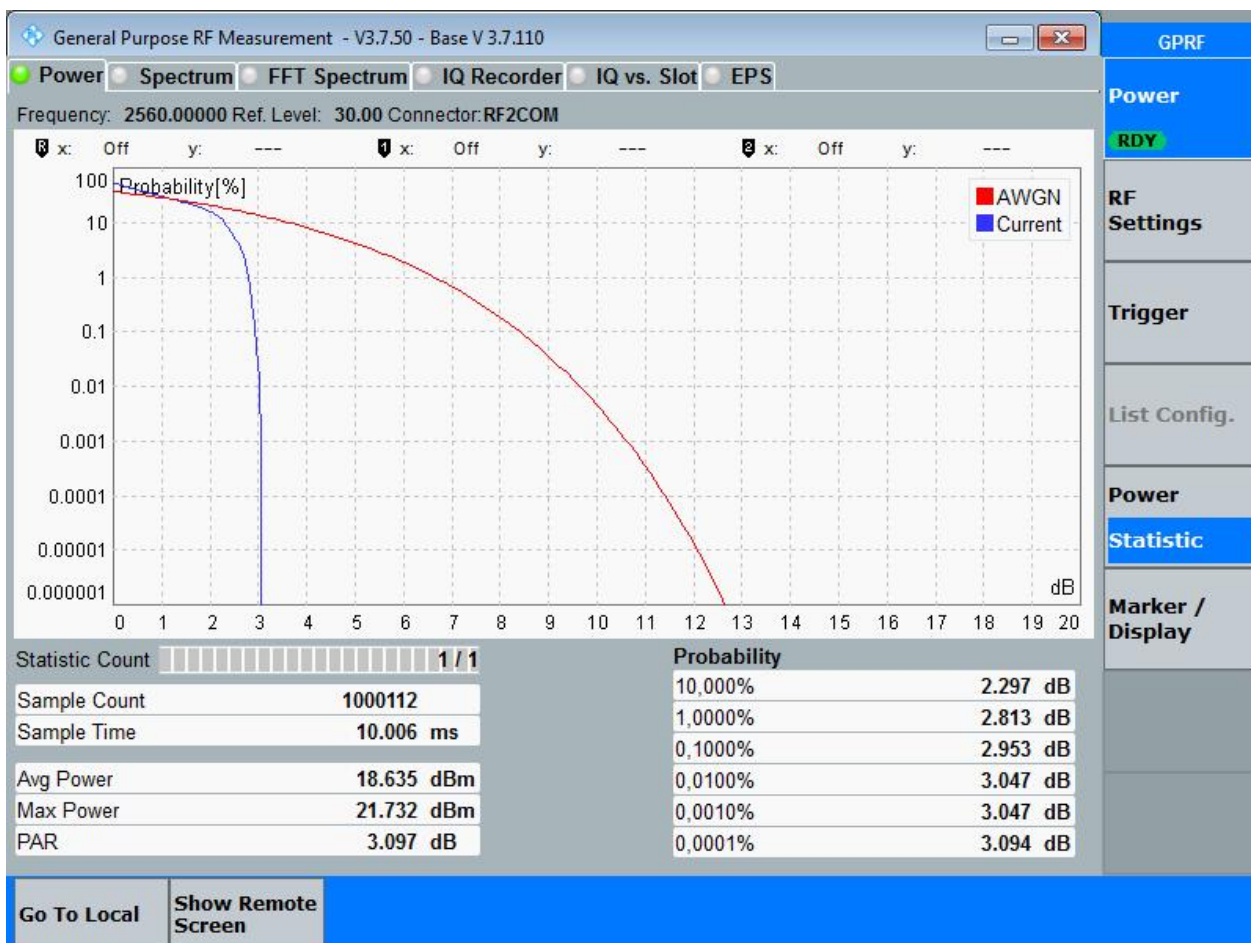
4.7 LTE Peak to Average Ratio_Part22-24-27(Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)



4.8 LTE Peak to Average Ratio_Part22-24-27(Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)



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



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

