

Peak to Average Ratio

WCDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Verdict
Band 2	LCH	2.91	13	Pass
	MCH	3	13	Pass
	HCH	3	13	Pass
Band 4	LCH	2.91	13	Pass
	MCH	2.77	13	Pass
	HCH	2.91	13	Pass
Band 5	LCH	2.91	13	Pass
	MCH	3	13	Pass
	HCH	2.86	13	Pass

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	3.94	13	Pass
				RB100#0	5.39	13	Pass
			16-QAM	RB1#0	4.59	13	Pass
				RB100#0	6.14	13	Pass
		MCH	QPSK	RB1#0	4.87	13	Pass
				RB100#0	5.39	13	Pass
			16-QAM	RB1#0	5.67	13	Pass
				RB100#0	6.19	13	Pass
		HCH	QPSK	RB1#0	4.27	13	Pass
				RB100#0	5.34	13	Pass
			16-QAM	RB1#0	5.2	13	Pass
				RB100#0	6.05	13	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	4.22	13	Pass
				RB100#0	5.25	13	Pass
			16-QAM	RB1#0	4.83	13	Pass
				RB100#0	6.05	13	Pass
		MCH	QPSK	RB1#0	4.31	13	Pass
				RB100#0	5.16	13	Pass
			16-QAM	RB1#0	5.11	13	Pass
				RB100#0	5.95	13	Pass
		HCH	QPSK	RB1#0	3.94	13	Pass
				RB100#0	5.39	13	Pass
			16-QAM	RB1#0	4.92	13	Pass
				RB100#0	6.09	13	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	4.45	13	Pass
				RB50#0	5.53	13	Pass
			16-QAM	RB1#0	5.25	13	Pass
				RB50#0	6.28	13	Pass
		MCH	QPSK	RB1#0	5.11	13	Pass
				RB50#0	5.58	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB50#0	6.37	13	Pass
		HCH	QPSK	RB1#0	4.83	13	Pass
				RB50#0	5.44	13	Pass
			16-QAM	RB1#0	5.48	13	Pass
				RB50#0	6.23	13	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	4.45	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			16-QAM	RB100#0	5.3	13	Pass
				RB1#0	5.02	13	Pass
				RB100#0	6	13	Pass
		MCH	QPSK	RB1#0	4.17	13	Pass
				RB100#0	5.2	13	Pass
			16-QAM	RB1#0	4.92	13	Pass
				RB100#0	5.95	13	Pass
		HCH	QPSK	RB1#0	4.5	13	Pass
				RB100#0	5.25	13	Pass
			16-QAM	RB1#0	5.34	13	Pass
				RB100#0	6	13	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	4.92	13	Pass
				RB50#0	5.72	13	Pass
			16-QAM	RB1#0	5.81	13	Pass
				RB50#0	6.37	13	Pass
		MCH	QPSK	RB1#0	5.16	13	Pass
				RB50#0	5.67	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB50#0	6.37	13	Pass
		HCH	QPSK	RB1#0	5.11	13	Pass
				RB50#0	5.53	13	Pass
			16-QAM	RB1#0	5.77	13	Pass
				RB50#0	6.33	13	Pass
LTE Band 13	10 MHz	MCH	QPSK	RB1#0	4.64	13	Pass
				RB50#0	5.48	13	Pass
			16-QAM	RB1#0	5.48	13	Pass
				RB50#0	6.14	13	Pass
LTE Band 14	10 MHz	MCH	QPSK	RB1#0	5.11	13	Pass
				RB50#0	5.62	13	Pass
			16-QAM	RB1#0	5.95	13	Pass
				RB50#0	6.37	13	Pass
LTE Band 17	10 MHz	LCH	QPSK	RB1#0	5.2	13	Pass
				RB50#0	5.53	13	Pass
			16-QAM	RB1#0	6.19	13	Pass
				RB50#0	6.37	13	Pass
		MCH	QPSK	RB1#0	5.11	13	Pass
				RB50#0	5.53	13	Pass
			16-QAM	RB1#0	5.77	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
		HCH	QPSK	RB50#0	6.33	13	Pass
				RB1#0	3.94	13	Pass
			16-QAM	RB50#0	5.39	13	Pass
				RB1#0	4.59	13	Pass
				RB50#0	6.14	13	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	8.02	13	Pass
				RB100#0	8.91	13	Pass
			16-QAM	RB1#0	8.77	13	Pass
				RB100#0	9.56	13	Pass
		MCH	QPSK	RB1#0	8.2	13	Pass
				RB100#0	8.91	13	Pass
			16-QAM	RB1#0	9	13	Pass
				RB100#0	9.61	13	Pass
		HCH	QPSK	RB1#0	8.34	13	Pass
				RB100#0	8.95	13	Pass
			16-QAM	RB1#0	8.91	13	Pass
				RB100#0	9.56	13	Pass
LTE Band 41	20 MHz	LCH	QPSK	RB1#0	7.87	13	Pass
				RB100#0	8.86	13	Pass
			16-QAM	RB1#0	8.62	13	Pass
				RB100#0	9.56	13	Pass
		MCH	QPSK	RB1#0	8.39	13	Pass
				RB100#0	8.95	13	Pass
			16-QAM	RB1#0	9.23	13	Pass
				RB100#0	9.66	13	Pass
		HCH	QPSK	RB1#0	8.3	13	Pass
				RB100#0	8.91	13	Pass
			16-QAM	RB1#0	8.86	13	Pass
				RB100#0	9.52	13	Pass
LTE Band 42 (3450-3550)	20 MHz	LCH	QPSK	RB1#0	8.72	13	Pass
				RB100#0	9.09	13	Pass
			16-QAM	RB1#0	9.37	13	Pass
				RB100#0	9.8	13	Pass
		MCH	QPSK	RB1#0	8.86	13	Pass
				RB100#0	9.05	13	Pass
			16-QAM	RB1#0	9.66	13	Pass
				RB100#0	9.75	13	Pass
		HCH	QPSK	RB1#0	9.05	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			16-QAM	RB100#0	9.09	13	Pass
				RB1#0	9.52	13	Pass
				RB100#0	9.7	13	Pass
LTE Band 43 (3700-3800)	20 MHz	LCH	QPSK	RB1#0	8.62	13	Pass
				RB100#0	9.09	13	Pass
			16-QAM	RB1#0	9.33	13	Pass
				RB100#0	9.75	13	Pass
		MCH	QPSK	RB1#0	8.95	13	Pass
				RB100#0	9.14	13	Pass
			16-QAM	RB1#0	9.66	13	Pass
				RB100#0	9.75	13	Pass
		HCH	QPSK	RB1#0	9.14	13	Pass
				RB100#0	9.19	13	Pass
			16-QAM	RB1#0	9.61	13	Pass
				RB100#0	9.8	13	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	4.03	13	Pass
				RB100#0	5.11	13	Pass
			16-QAM	RB1#0	4.64	13	Pass
				RB100#0	5.95	13	Pass
		MCH	QPSK	RB1#0	3.56	13	Pass
				RB100#0	5.2	13	Pass
			16-QAM	RB1#0	4.31	13	Pass
				RB100#0	5.91	13	Pass
		HCH	QPSK	RB1#0	4.45	13	Pass
				RB100#0	5.2	13	Pass
			16-QAM	RB1#0	5.39	13	Pass
				RB100#0	5.95	13	Pass

CA Mode Test Data

Test Channel	Modulation	UL RB Number		UL RB Position		Peak to Average Ratio (dB)	Limit (dB)	Verdict
CA_5B								
5MHz+10MHz								
20478 20550	QPSK	Full	Full	Low	Low	5.04	13	Pass
	16-QAM	Full	Full	Low	Low	5.78	13	Pass
10MHz+5MHz								
20500 20572	QPSK	Full	Full	Low	Low	5.04	13	Pass
	16-QAM	Full	Full	Low	Low	5.79	13	Pass
10MHz+10MHz								
20476 20575	QPSK	Full	Full	Low	Low	5.06	13	Pass
	16-QAM	Full	Full	Low	Low	5.78	13	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Peak to Average Ratio (dB)	Limit (dB)	Verdict
CA_7C								
10MHz+20MHz								
21006 21150	QPSK	Full	Full	Low	Low	5	13	Pass
	16-QAM	Full	Full	Low	Low	5.8	13	Pass
20MHz+10MHz								
21051 21195	QPSK	Full	Full	Low	Low	5.02	13	Pass
	16-QAM	Full	Full	Low	Low	5.84	13	Pass
15MHz+15MHz								
21025 21175	QPSK	Full	Full	Low	Low	5.01	13	Pass
	16-QAM	Full	Full	Low	Low	5.79	13	Pass
15MHz+20MHz								
21003 21174	QPSK	Full	Full	Low	Low	4.93	13	Pass
	16-QAM	Full	Full	Low	Low	5.75	13	Pass
20MHz+15MHz								
21026 21197	QPSK	Full	Full	Low	Low	4.96	13	Pass
	16-QAM	Full	Full	Low	Low	5.78	13	Pass
20MHz+20MHz								
21001 21199	QPSK	Full	Full	Low	Low	4.92	13	Pass
	16-QAM	Full	Full	Low	Low	5.78	13	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Peak to Average Ratio (dB)	Limit (dB)	Verdict
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CA_38C								
15MHz+15MHz								
37925 38075	QPSK	Full	Full	Low	Low	8.67	13	Pass
	16-QAM	Full	Full	Low	Low	9.39	13	Pass
20MHz+20MHz								
37901 38099	QPSK	Full	Full	Low	Low	8.74	13	Pass
	16-QAM	Full	Full	Low	Low	9.5	13	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Peak to Average Ratio (dB)	Limit (dB)	Verdict
CA_41C								
5MHz+20MHz								
40528 40645	QPSK	Full	Full	Low	Low	8	13	Pass
	16-QAM	Full	Full	Low	Low	8.8	13	Pass
20MHz+5MHz								
40595 40712	QPSK	Full	Full	Low	Low	8.24	13	Pass
	16-QAM	Full	Full	Low	Low	9	13	Pass
10MHz+20MHz								
40526 40670	QPSK	Full	Full	Low	Low	8.2	13	Pass
	16-QAM	Full	Full	Low	Low	8.93	13	Pass
20MHz+10MHz								
40571 40715	QPSK	Full	Full	Low	Low	8.22	13	Pass
	16-QAM	Full	Full	Low	Low	9	13	Pass
15MHz+15MHz								
40545 40695	QPSK	Full	Full	Low	Low	8.19	13	Pass
	16-QAM	Full	Full	Low	Low	8.95	13	Pass
15MHz+20MHz								
40523 40694	QPSK	Full	Full	Low	Low	8.14	13	Pass
	16-QAM	Full	Full	Low	Low	8.93	13	Pass
20MHz+15MHz								
40546 40717	QPSK	Full	Full	Low	Low	8.14	13	Pass
	16-QAM	Full	Full	Low	Low	8.94	13	Pass
20MHz+20MHz								
40521 40719	QPSK	Full	Full	Low	Low	8.17	13	Pass
	16-QAM	Full	Full	Low	Low	8.94	13	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Peak to Average Ratio (dB)	Limit (dB)	Verdict
CA_66C								
5MHz+20MHz								
132330 132447	QPSK	Full	Full	Low	Low	5.32	13	Pass
	16-QAM	Full	Full	Low	Low	6.05	13	Pass
20MHz+5MHz								
132397 132514	QPSK	Full	Full	Low	Low	5.26	13	Pass
	16-QAM	Full	Full	Low	Low	6.08	13	Pass
10MHz+15MHz								
132351 132471	QPSK	Full	Full	Low	Low	5.35	13	Pass
	16-QAM	Full	Full	Low	Low	6.09	13	Pass
15MHz+10MHz								
132373 132493	QPSK	Full	Full	Low	Low	5.33	13	Pass
	16-QAM	Full	Full	Low	Low	6.06	13	Pass
10MHz+20MHz								
132328 132472	QPSK	Full	Full	Low	Low	5.39	13	Pass
	16-QAM	Full	Full	Low	Low	6.11	13	Pass
20MHz+10MHz								
132373 132517	QPSK	Full	Full	Low	Low	5.33	13	Pass
	16-QAM	Full	Full	Low	Low	6.08	13	Pass
15MHz+20MHz								
132325 132496	QPSK	Full	Full	Low	Low	5.36	13	Pass
	16-QAM	Full	Full	Low	Low	6.11	13	Pass
20MHz+15MHz								
132348 132519	QPSK	Full	Full	Low	Low	5.29	13	Pass
	16-QAM	Full	Full	Low	Low	6.01	13	Pass
15MHz+15MHz								
132347 132497	QPSK	Full	Full	Low	Low	5.36	13	Pass
	16-QAM	Full	Full	Low	Low	6.1	13	Pass
20MHz+20MHz								
132323 132521	QPSK	Full	Full	Low	Low	5.34	13	Pass
	16-QAM	Full	Full	Low	Low	6.1	13	Pass

NR Mode Test Data

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Peak to Average Ratio (dB)	Limit (dB)	Verdict
n5	20 MHz	LCH	PI2 BPSK	1	0	3.74	13	Pass
				100	0	4.21	13	Pass
			QPSK	1	0	4.91	13	Pass
				100	0	5.47	13	Pass
			16QAM	1	0	5.6	13	Pass
				100	0	6.13	13	Pass
			64QAM	1	0	5.59	13	Pass
				100	0	6.42	13	Pass
			256QAM	1	0	6.44	13	Pass
				100	0	6.75	13	Pass
		MCH	PI2 BPSK	1	0	3.65	13	Pass
				100	0	4.28	13	Pass
			QPSK	1	0	5.06	13	Pass
				100	0	5.56	13	Pass
			16QAM	1	0	5.68	13	Pass
				100	0	6.13	13	Pass
			64QAM	1	0	5.49	13	Pass
				100	0	6.44	13	Pass
			256QAM	1	0	6.36	13	Pass
				100	0	6.64	13	Pass
		HCH	PI2 BPSK	1	0	3.53	13	Pass
				100	0	4.28	13	Pass
			QPSK	1	0	5.28	13	Pass
				100	0	5.41	13	Pass
			16QAM	1	0	5.48	13	Pass
				100	0	6.13	13	Pass
			64QAM	1	0	5.35	13	Pass
				100	0	6.49	13	Pass
			256QAM	1	0	6.31	13	Pass
				100	0	6.75	13	Pass
n7	20 MHz	LCH	PI2 BPSK	1	0	3.71	13	Pass
				100	0	4.65	13	Pass
			QPSK	1	0	5.02	13	Pass
				100	0	5.29	13	Pass
			16QAM	1	0	5.47	13	Pass
				100	0	5.97	13	Pass

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			64QAM	1	0	5.48	13	Pass
				100	0	6.24	13	Pass
			256QAM	1	0	6.57	13	Pass
				100	0	6.44	13	Pass
		MCH	PI2 BPSK	1	0	3.77	13	Pass
				100	0	4.72	13	Pass
			QPSK	1	0	5.03	13	Pass
				100	0	5.26	13	Pass
			16QAM	1	0	5.48	13	Pass
				100	0	5.93	13	Pass
			64QAM	1	0	5.54	13	Pass
				100	0	6.24	13	Pass
			256QAM	1	0	6.57	13	Pass
				100	0	6.46	13	Pass
		HCH	PI2 BPSK	1	0	3.69	13	Pass
				100	0	4.83	13	Pass
			QPSK	1	0	4.84	13	Pass
				100	0	5.26	13	Pass
			16QAM	1	0	5.4	13	Pass
				100	0	6	13	Pass
			64QAM	1	0	5.45	13	Pass
				100	0	6.25	13	Pass
			256QAM	1	0	6.56	13	Pass
				100	0	6.43	13	Pass
n12	15 MHz	LCH	PI2 BPSK	1	0	3.94	13	Pass
				75	0	4.46	13	Pass
			QPSK	1	0	5.24	13	Pass
				75	0	5.52	13	Pass
			16QAM	1	0	5.75	13	Pass
				75	0	6.29	13	Pass
			64QAM	1	0	5.77	13	Pass
				75	0	6.57	13	Pass
			256QAM	1	0	6.75	13	Pass
				75	0	6.76	13	Pass
		MCH	PI2 BPSK	1	0	3.97	13	Pass
				75	0	4.45	13	Pass
			QPSK	1	0	5.33	13	Pass
				75	0	5.57	13	Pass

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			16QAM	1	0	5.82	13	Pass
				75	0	6.32	13	Pass
			64QAM	1	0	5.78	13	Pass
				75	0	6.53	13	Pass
			256QAM	1	0	6.79	13	Pass
				75	0	6.77	13	Pass
		HCH	PI2 BPSK	1	0	3.97	13	Pass
				75	0	4.36	13	Pass
			QPSK	1	0	5.43	13	Pass
				75	0	5.48	13	Pass
			16QAM	1	0	5.92	13	Pass
				75	0	6.33	13	Pass
			64QAM	1	0	5.84	13	Pass
				75	0	6.54	13	Pass
			256QAM	1	0	6.78	13	Pass
				75	0	6.73	13	Pass
n38	40 MHz	LCH	PI2 BPSK	1	0	3.59	13	Pass
				100	0	4.07	13	Pass
			QPSK	1	0	4.97	13	Pass
				100	0	5.32	13	Pass
			16QAM	1	0	5.83	13	Pass
				100	0	5.91	13	Pass
			64QAM	1	0	5.51	13	Pass
				100	0	6.19	13	Pass
			256QAM	1	0	6.55	13	Pass
				100	0	6.56	13	Pass
		MCH	PI2 BPSK	1	0	3.67	13	Pass
				100	0	4.1	13	Pass
			QPSK	1	0	4.98	13	Pass
				100	0	5.33	13	Pass
			16QAM	1	0	5.38	13	Pass
				100	0	5.92	13	Pass
			64QAM	1	0	5.56	13	Pass
				100	0	6.21	13	Pass
			256QAM	1	0	6.53	13	Pass
				100	0	6.56	13	Pass
		HCH	PI2 BPSK	1	0	3.57	13	Pass
				100	0	4.08	13	Pass

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			QPSK	1	0	4.87	13	Pass
				100	0	5.3	13	Pass
			16QAM	1	0	5.73	13	Pass
				100	0	5.92	13	Pass
			64QAM	1	0	5.56	13	Pass
				100	0	6.21	13	Pass
			256QAM	1	0	6.34	13	Pass
				100	0	6.57	13	Pass
n41	100 MHz	LCH	PI2	1	0	3.54	13	Pass
				270	0	4.36	13	Pass
			QPSK	1	0	4.62	13	Pass
				270	0	5.3	13	Pass
			16QAM	1	0	5.2	13	Pass
				270	0	6.04	13	Pass
			64QAM	1	0	5.32	13	Pass
				270	0	6.31	13	Pass
			256QAM	1	0	6.41	13	Pass
				270	0	6.53	13	Pass
		MCH	PI2	1	0	3.6	13	Pass
				270	0	4.65	13	Pass
			QPSK	1	0	4.94	13	Pass
				270	0	5.29	13	Pass
			16QAM	1	0	5.45	13	Pass
				270	0	6.04	13	Pass
			64QAM	1	0	5.47	13	Pass
				270	0	6.32	13	Pass
			256QAM	1	0	6.51	13	Pass
				270	0	6.5	13	Pass
		HCH	PI2	1	0	3.66	13	Pass
				270	0	4.9	13	Pass
			QPSK	1	0	4.93	13	Pass
				270	0	5.38	13	Pass
			16QAM	1	0	5.4	13	Pass
				270	0	6.09	13	Pass
			64QAM	1	0	5.46	13	Pass
				270	0	6.35	13	Pass
			256QAM	1	0	6.54	13	Pass
				270	0	6.53	13	Pass

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Peak to Average Ratio (dB)	Limit (dB)	Verdict
n66	20 MHz	LCH	PI2 BPSK	1	0	3.57	13	Pass
				100	0	4.39	13	Pass
			QPSK	1	0	4.59	13	Pass
				100	0	5.09	13	Pass
			16QAM	1	0	5.3	13	Pass
				100	0	5.76	13	Pass
			64QAM	1	0	5.4	13	Pass
				100	0	6.05	13	Pass
			256QAM	1	0	6.55	13	Pass
				100	0	6.48	13	Pass
		MCH	PI2 BPSK	1	0	3.59	13	Pass
				100	0	4.62	13	Pass
			QPSK	1	0	4.44	13	Pass
				100	0	5.23	13	Pass
			16QAM	1	0	5.17	13	Pass
				100	0	5.86	13	Pass
			64QAM	1	0	5.34	13	Pass
				100	0	6.15	13	Pass
			256QAM	1	0	6.56	13	Pass
				100	0	6.55	13	Pass
		HCH	PI2 BPSK	1	0	3.55	13	Pass
				100	0	4.67	13	Pass
			QPSK	1	0	4.39	13	Pass
				100	0	5.17	13	Pass
			16QAM	1	0	5.18	13	Pass
				100	0	5.91	13	Pass
			64QAM	1	0	5.29	13	Pass
				100	0	6.22	13	Pass
			256QAM	1	0	6.53	13	Pass
				100	0	6.56	13	Pass
n77(3450-3550)	100 MHz	LCH	PI2 BPSK	1	0	3.86	13	Pass
				270	0	4.86	13	Pass
			QPSK	1	0	5.34	13	Pass
				270	0	5.4	13	Pass
			16QAM	1	0	5.7	13	Pass
				270	0	6.15	13	Pass
			64QAM	1	0	5.71	13	Pass
				270	0	6.39	13	Pass

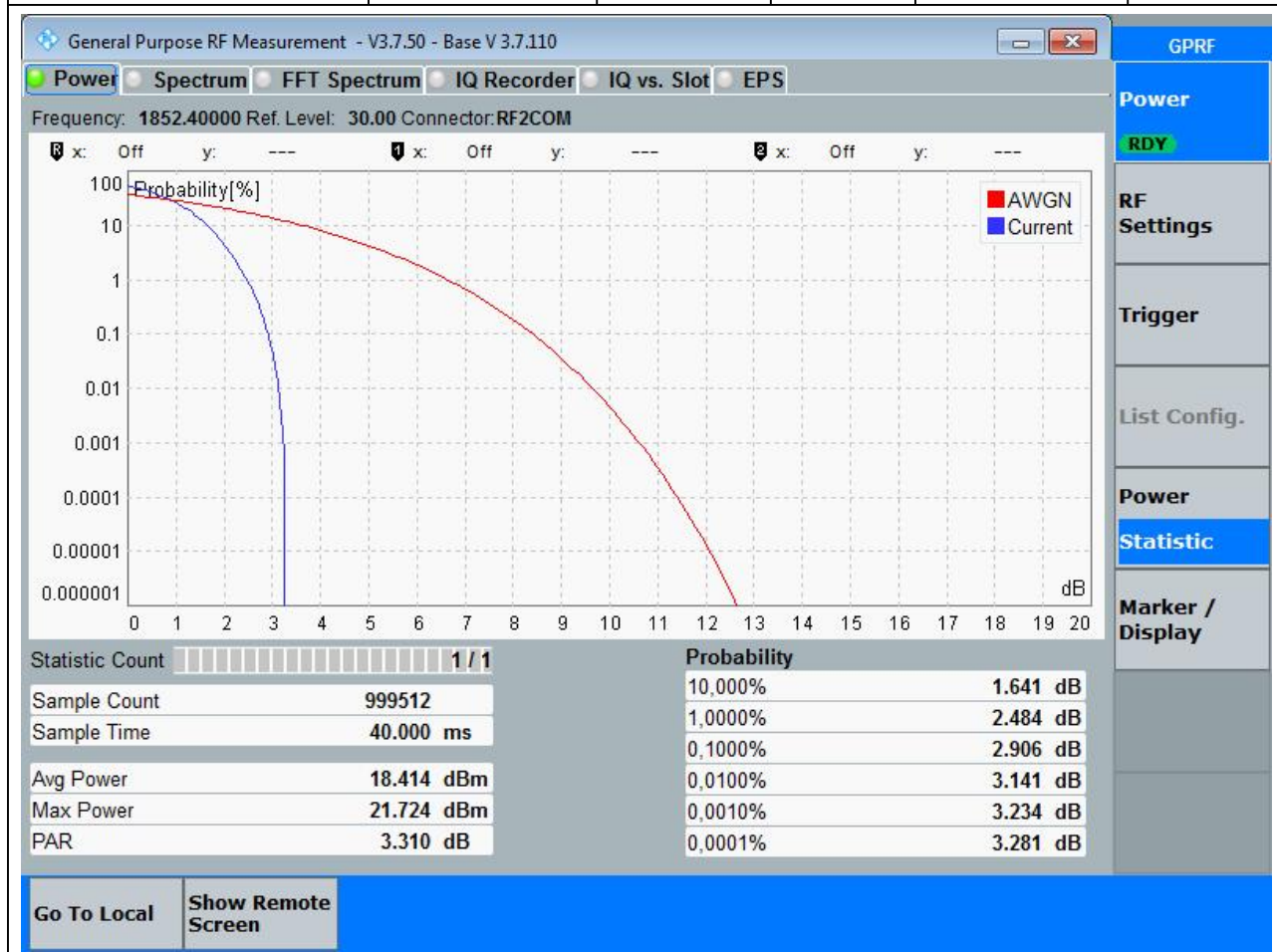
Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			256QAM	1	0	6.44	13	Pass
				270	0	6.43	13	Pass
n77(3700-3980)	100 MHz	LCH	PI2 BPSK	1	0	3.82	13	Pass
				270	0	4.78	13	Pass
			QPSK	1	0	5.24	13	Pass
				270	0	5.39	13	Pass
			16QAM	1	0	5.55	13	Pass
				270	0	6.11	13	Pass
			64QAM	1	0	5.55	13	Pass
				270	0	6.37	13	Pass
			256QAM	1	0	6.32	13	Pass
				270	0	6.46	13	Pass
		MCH	PI2 BPSK	1	0	3.81	13	Pass
				270	0	4.94	13	Pass
			QPSK	1	0	5.42	13	Pass
				270	0	5.57	13	Pass
			16QAM	1	0	5.65	13	Pass
				270	0	6.22	13	Pass
			64QAM	1	0	6.45	13	Pass
				270	0	6.43	13	Pass
			256QAM	1	0	6.51	13	Pass
				270	0	6.51	13	Pass
		HCH	PI2 BPSK	1	0	4.06	13	Pass
				270	0	4.96	13	Pass
			QPSK	1	0	5.7	13	Pass
				270	0	5.51	13	Pass
			16QAM	1	0	5.99	13	Pass
				270	0	6.29	13	Pass
			64QAM	1	0	6.02	13	Pass
				270	0	6.56	13	Pass
			256QAM	1	0	6.88	13	Pass
				270	0	6.6	13	Pass
n78(3450-3550)	100 MHz	MCH	PI2 BPSK	1	0	3.85	13	Pass
				270	0	4.82	13	Pass
			QPSK	1	0	5.35	13	Pass
				270	0	5.4	13	Pass
			16QAM	1	0	5.65	13	Pass
				270	0	6.13	13	Pass

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			64QAM	1	0	5.75	13	Pass
				270	0	6.4	13	Pass
			256QAM	1	0	6.48	13	Pass
				270	0	6.43	13	Pass
n78(3700-3800)	100 MHz	MCH	PI2 BPSK	1	0	3.86	13	Pass
				270	0	4.79	13	Pass
			QPSK	1	0	5.25	13	Pass
				270	0	5.37	13	Pass
			16QAM	1	0	5.55	13	Pass
				270	0	6.14	13	Pass
			64QAM	1	0	5.56	13	Pass
				270	0	6.37	13	Pass
			256QAM	1	0	6.4	13	Pass
				270	0	6.44	13	Pass

1. WCDMA_Band2

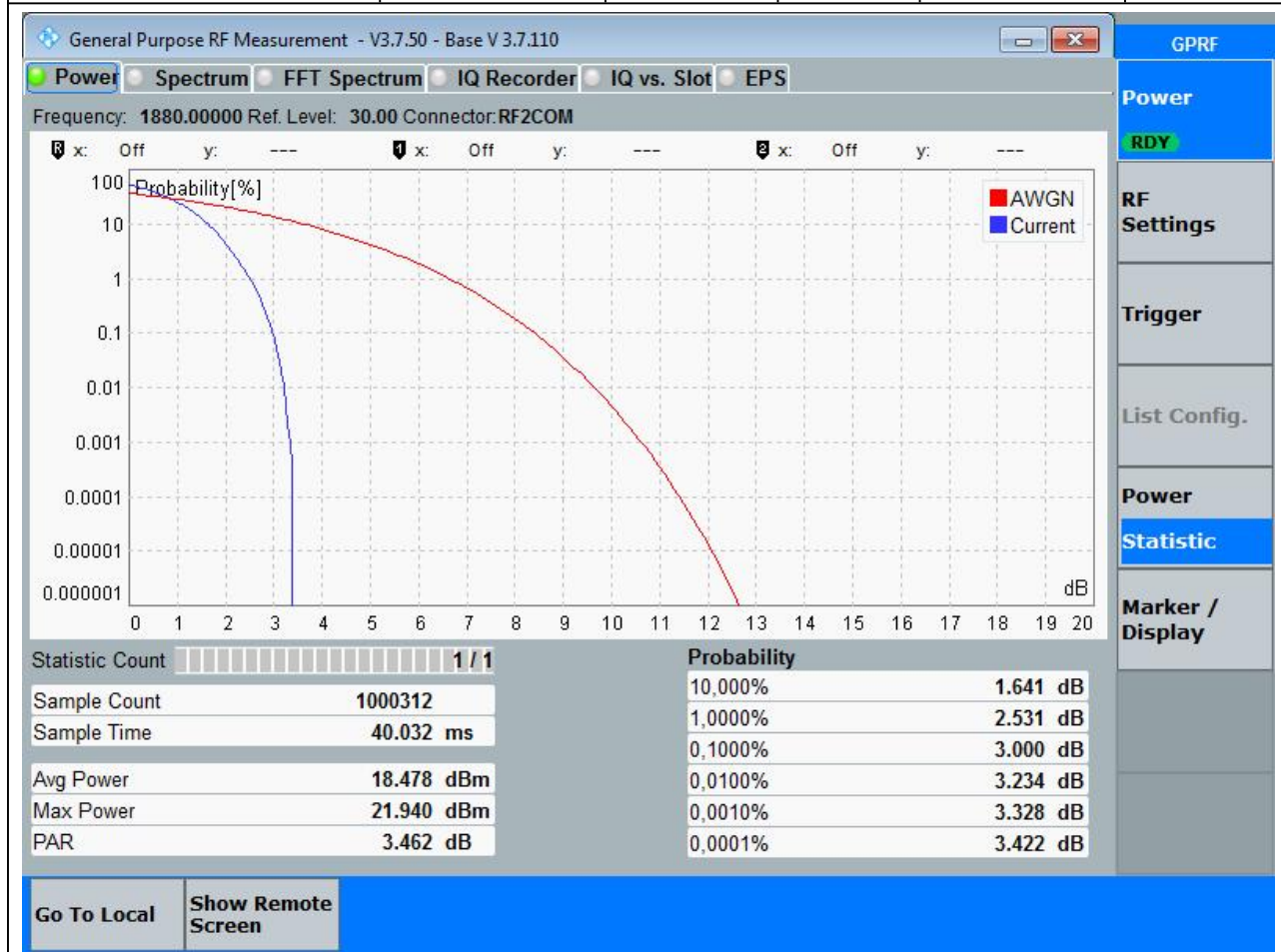
1.1. WCDMA Peak to Average Ratio_Part22-24-27(Channel:9262)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1852.4	0.1	5	2.91	13	Pass



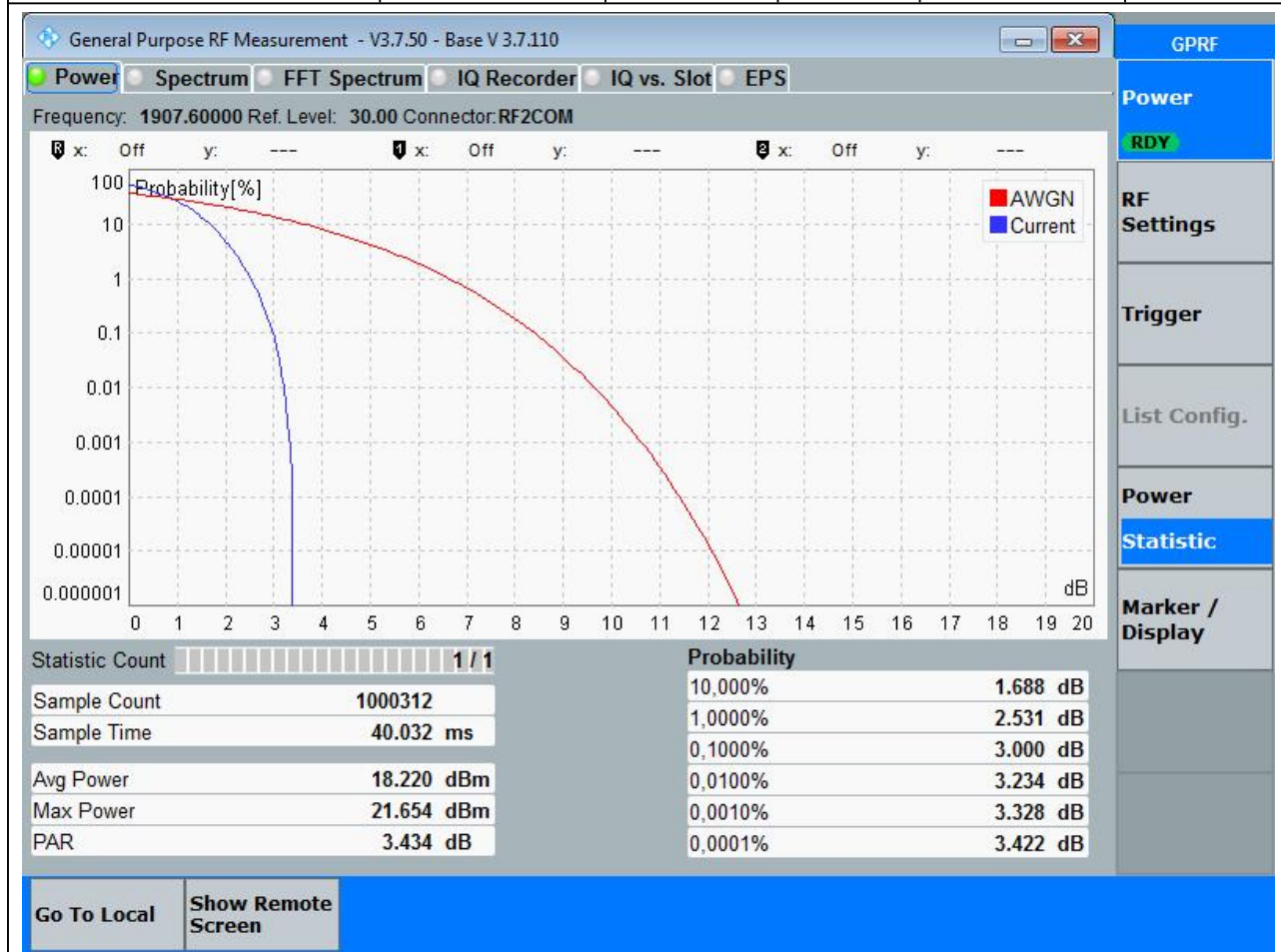
1.2. WCDMA Peak to Average Ratio_Part22-24-27(Channel:9400)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5	3	13	Pass



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

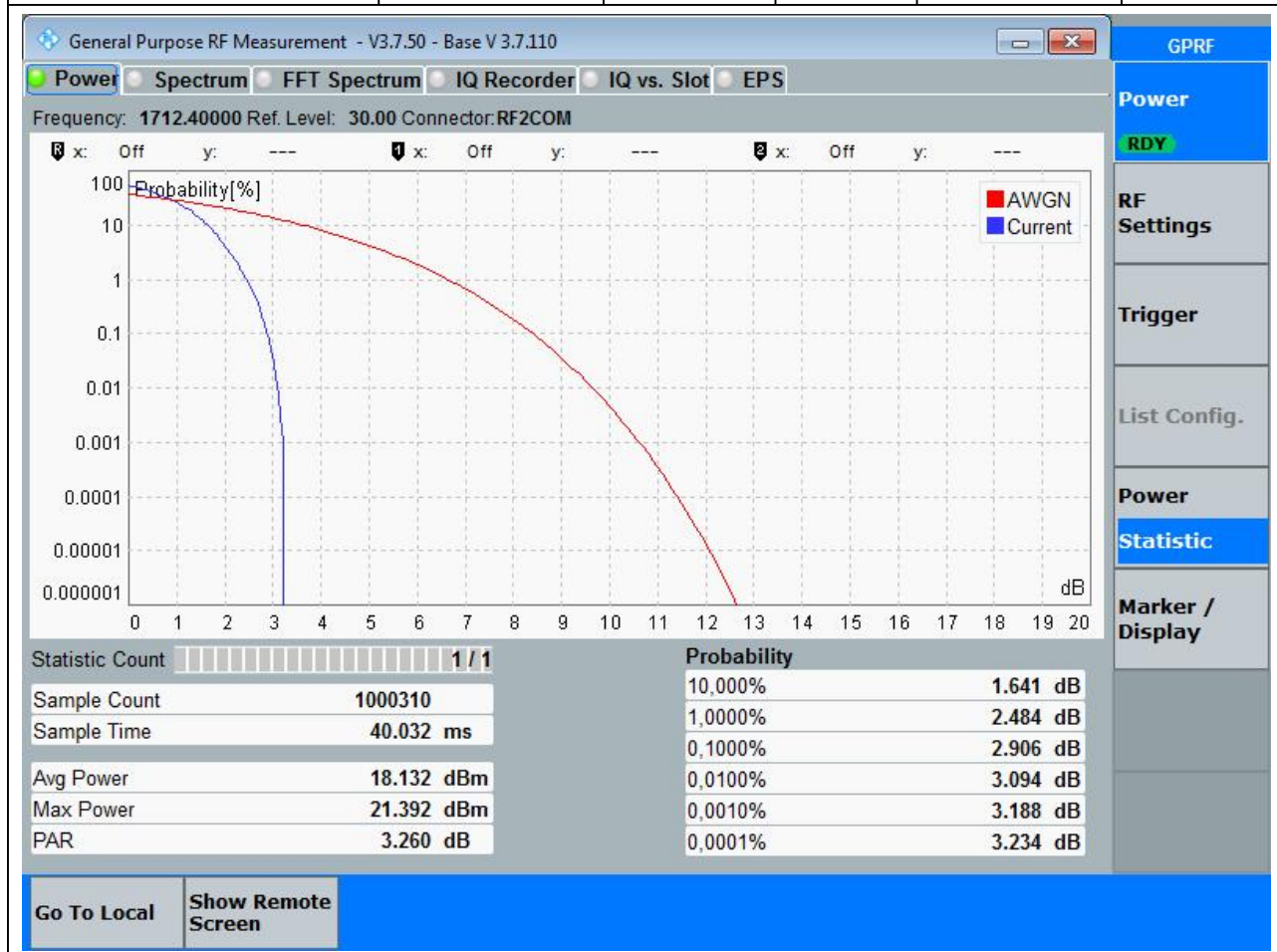
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1907.6	0.1	5	3	13	Pass



2. WCDMA_Band4

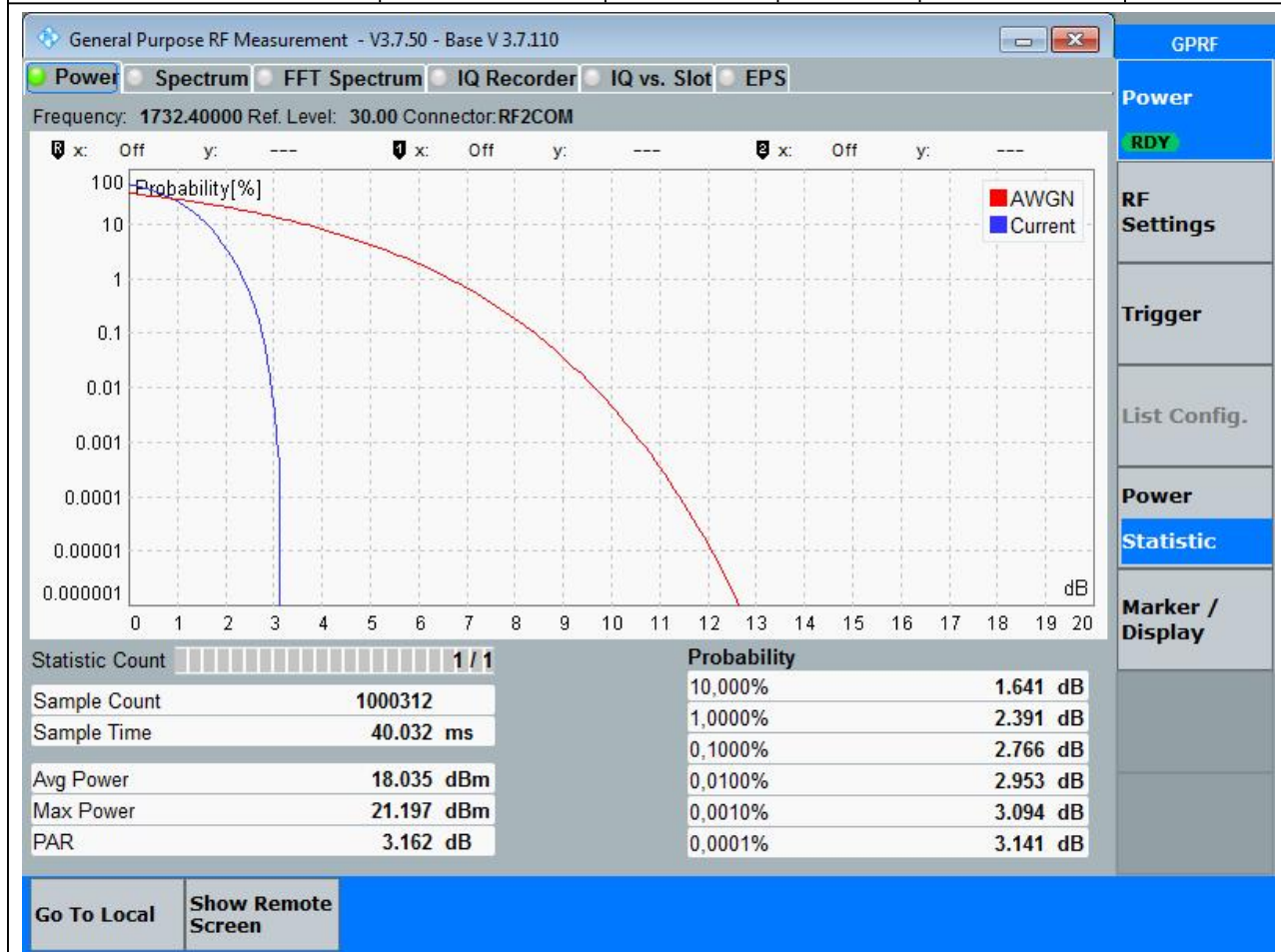
2.1. WCDMA Peak to Average Ratio_Part22-24-27(Channel:1312)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1712.4	0.1	5	2.91	13	Pass



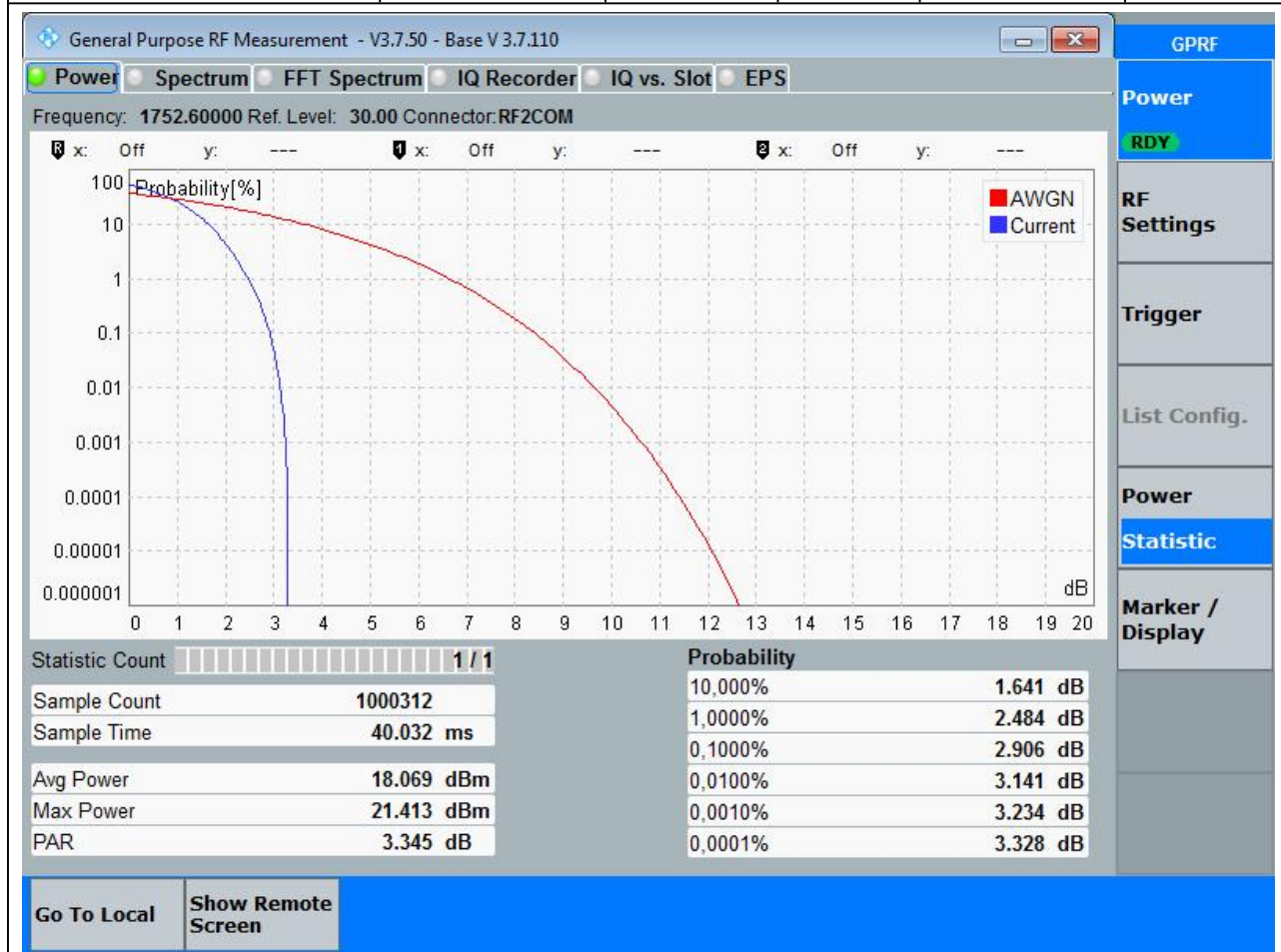
2.2. WCDMA Peak to Average Ratio_Part22-24-27(Channel:1412)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1732.4	0.1	5	2.77	13	Pass



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

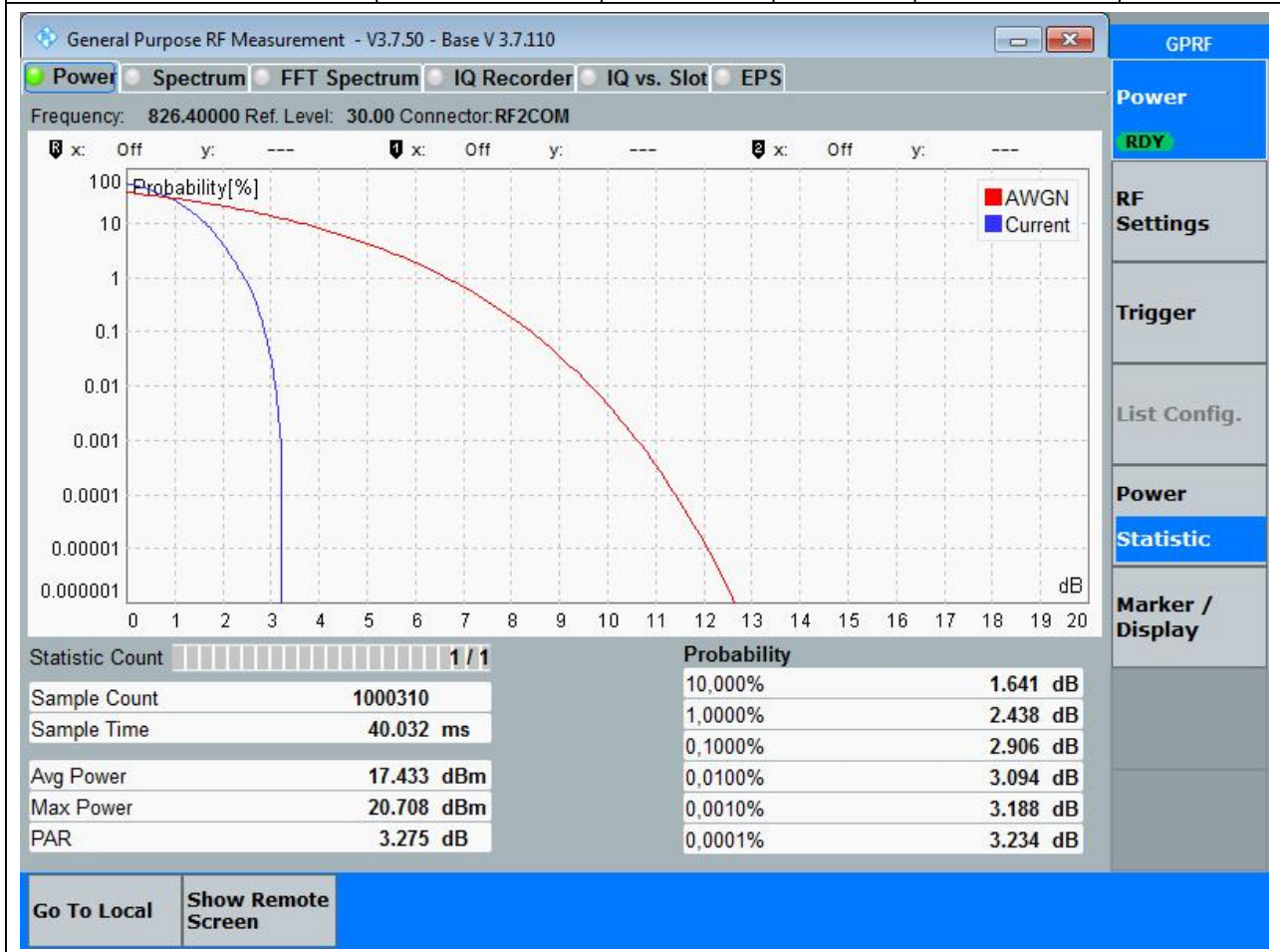
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1752.6	0.1	5	2.91	13	Pass



3. WCDMA_Band5

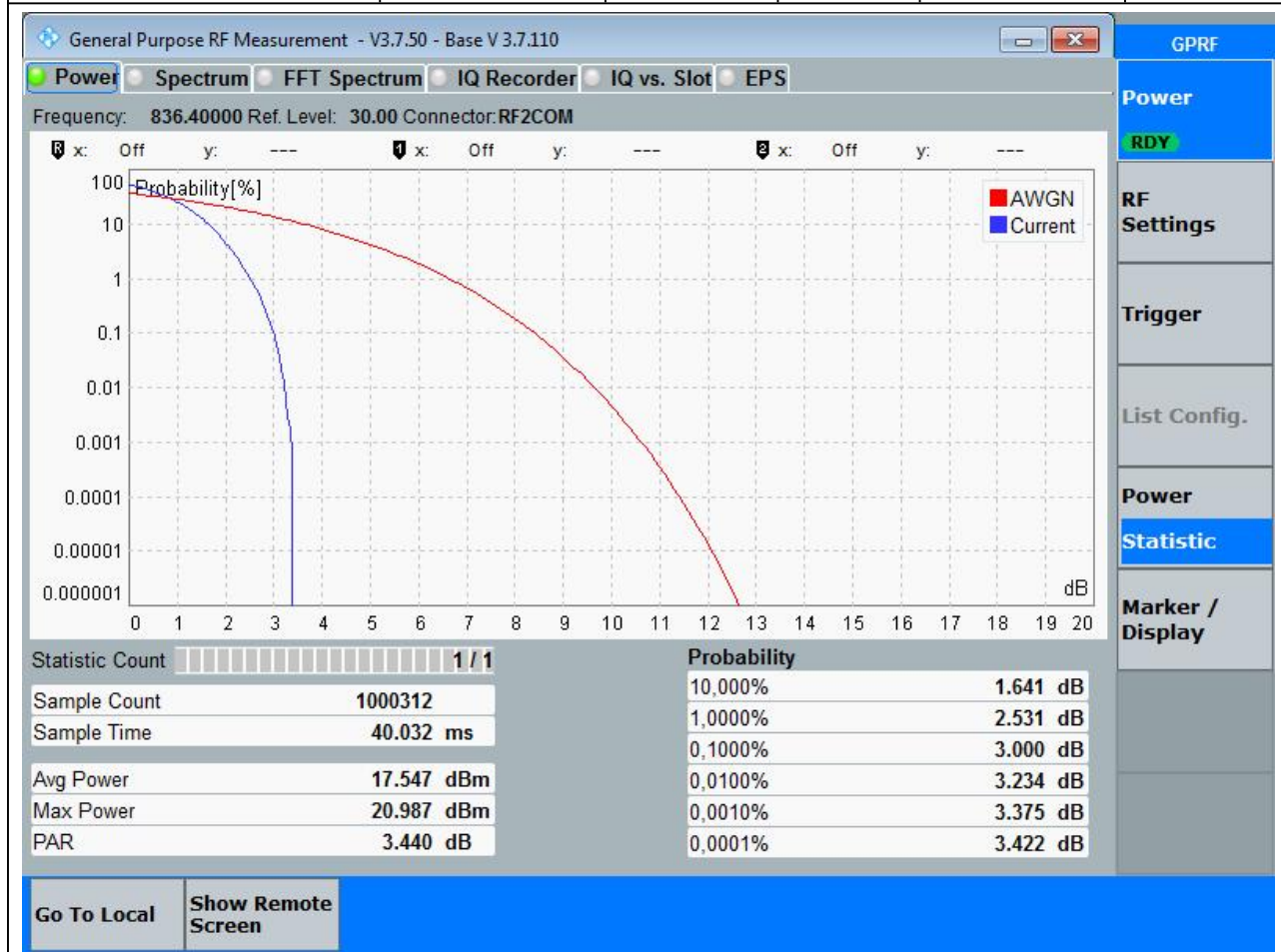
3.1. WCDMA Peak to Average Ratio_Part22-24-27(Channel:4132)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
826.4	0.1	5	2.91	13	Pass



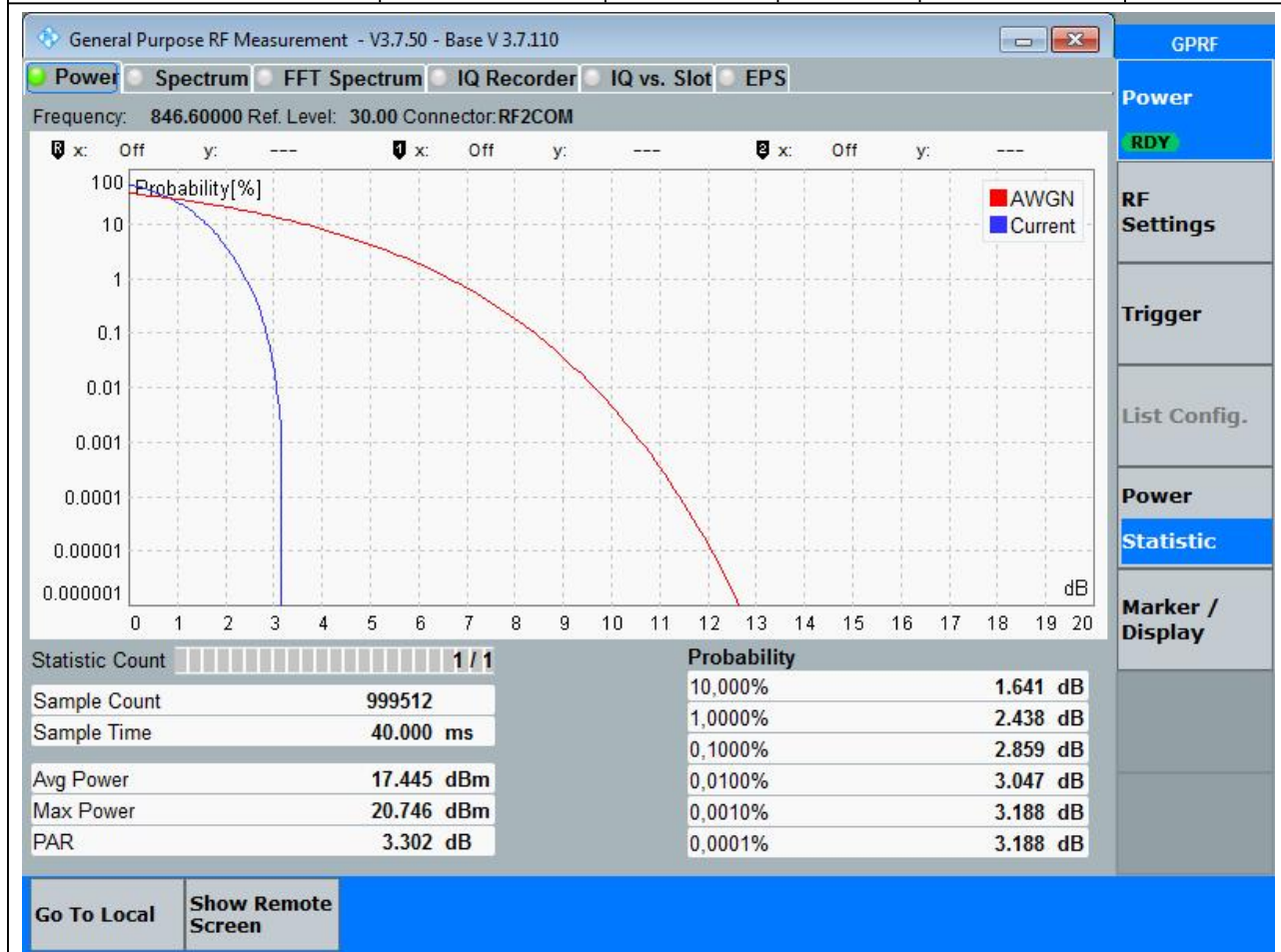
3.2. WCDMA Peak to Average Ratio_Part22-24-27(Channel:4182)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
836.4	0.1	5	3	13	Pass



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

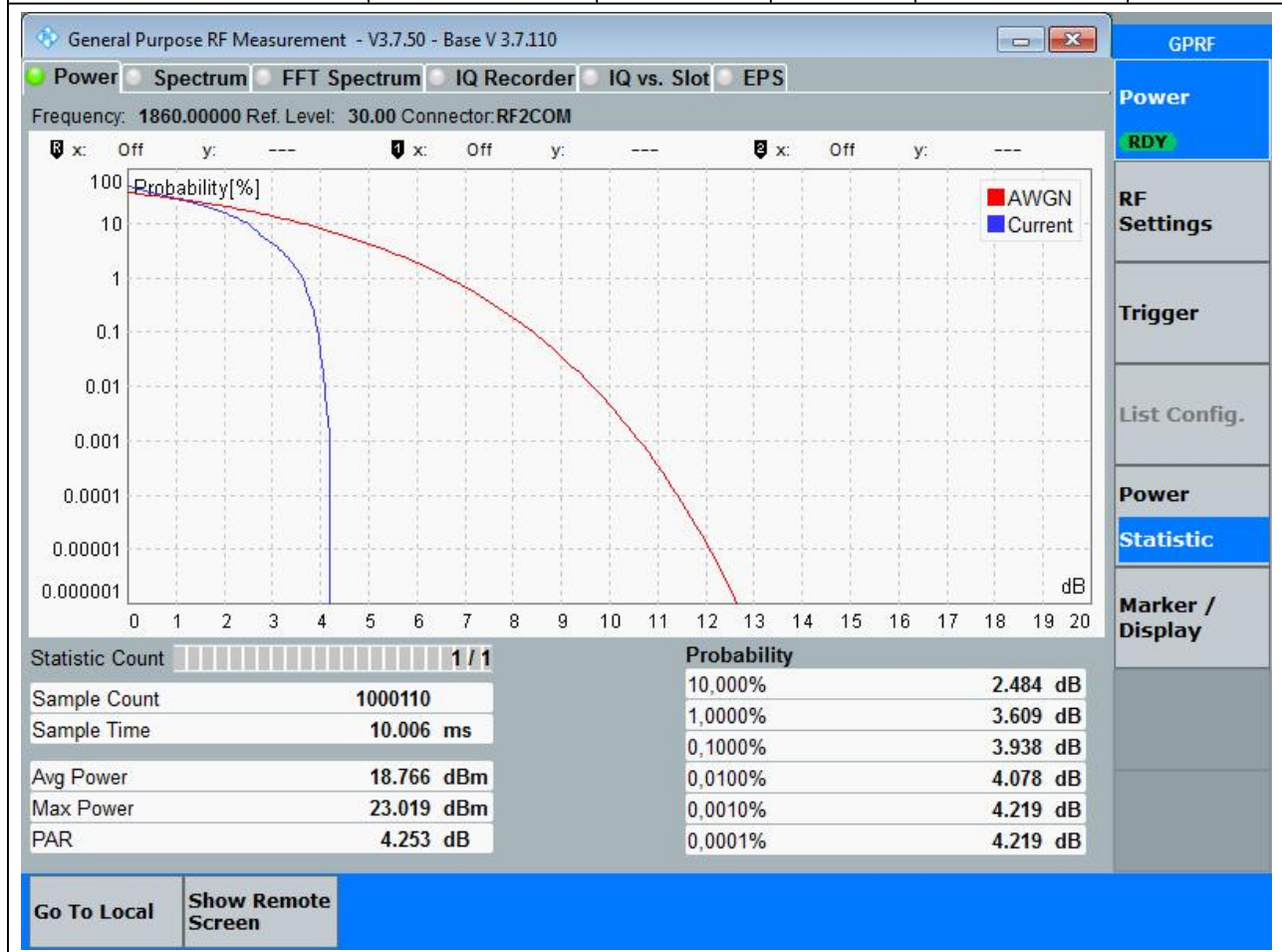
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
846.6	0.1	5	2.86	13	Pass



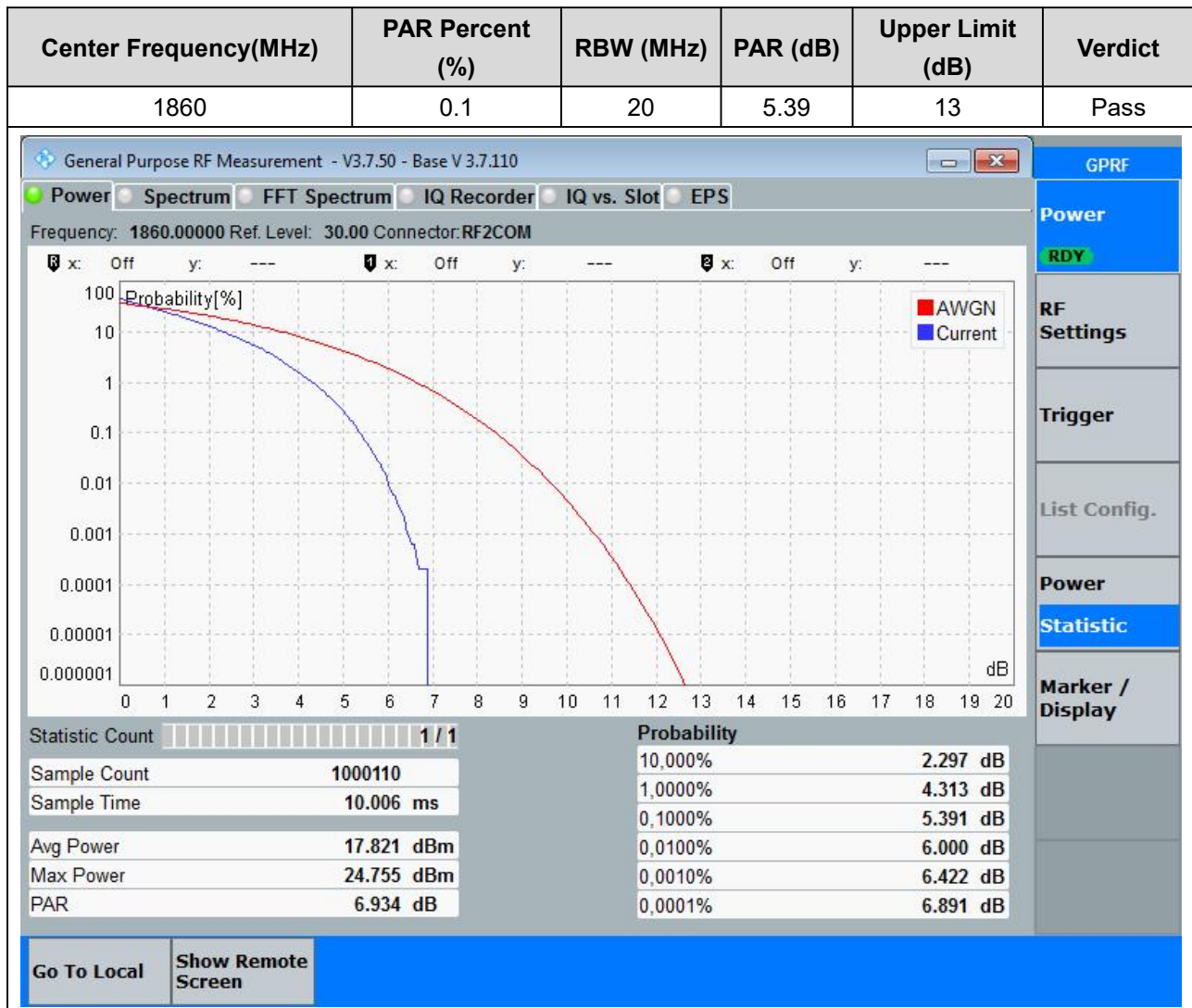
1. LTE_Band2

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

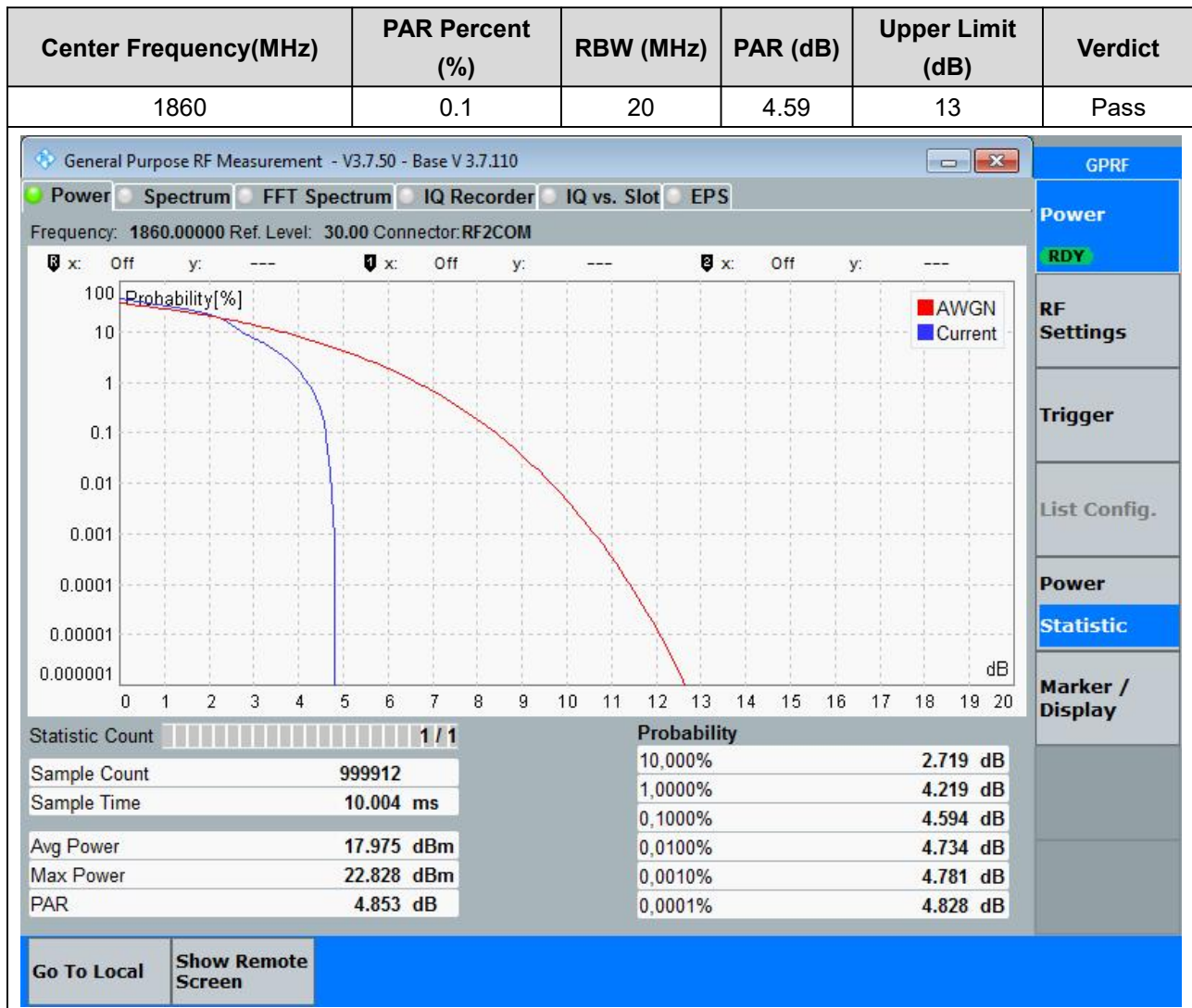
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	20	3.94	13	Pass



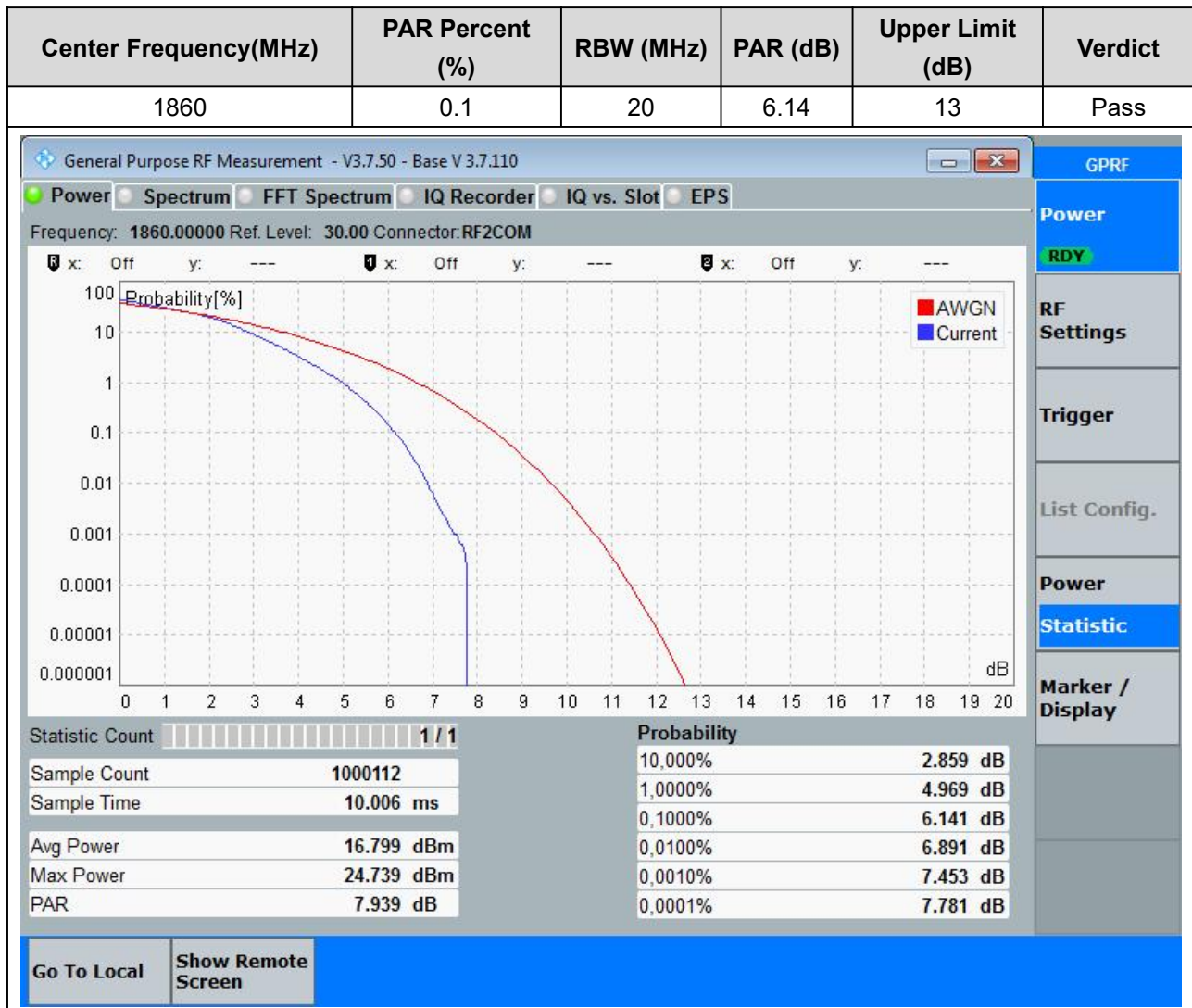
1.2. LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



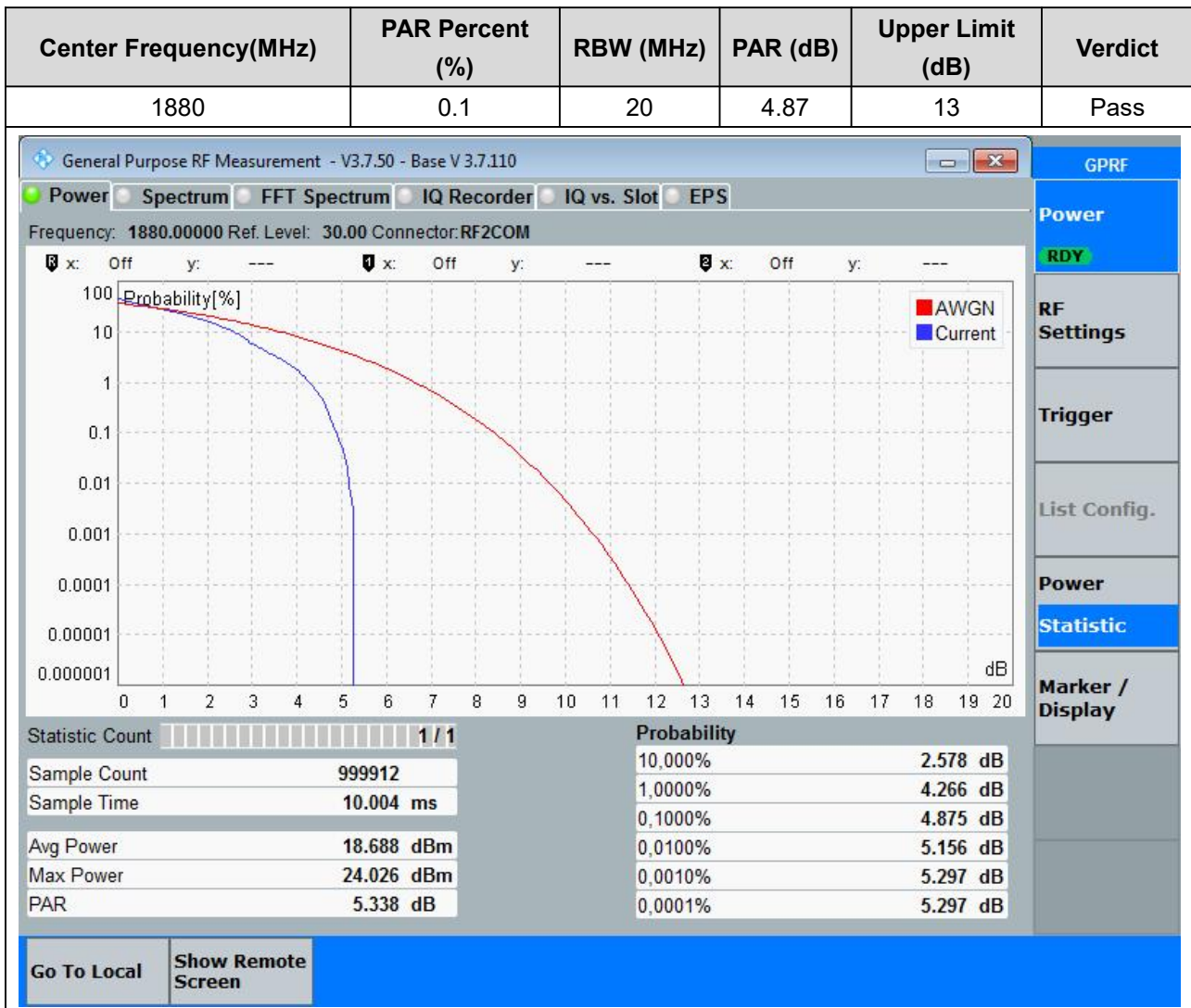
1.3. LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)



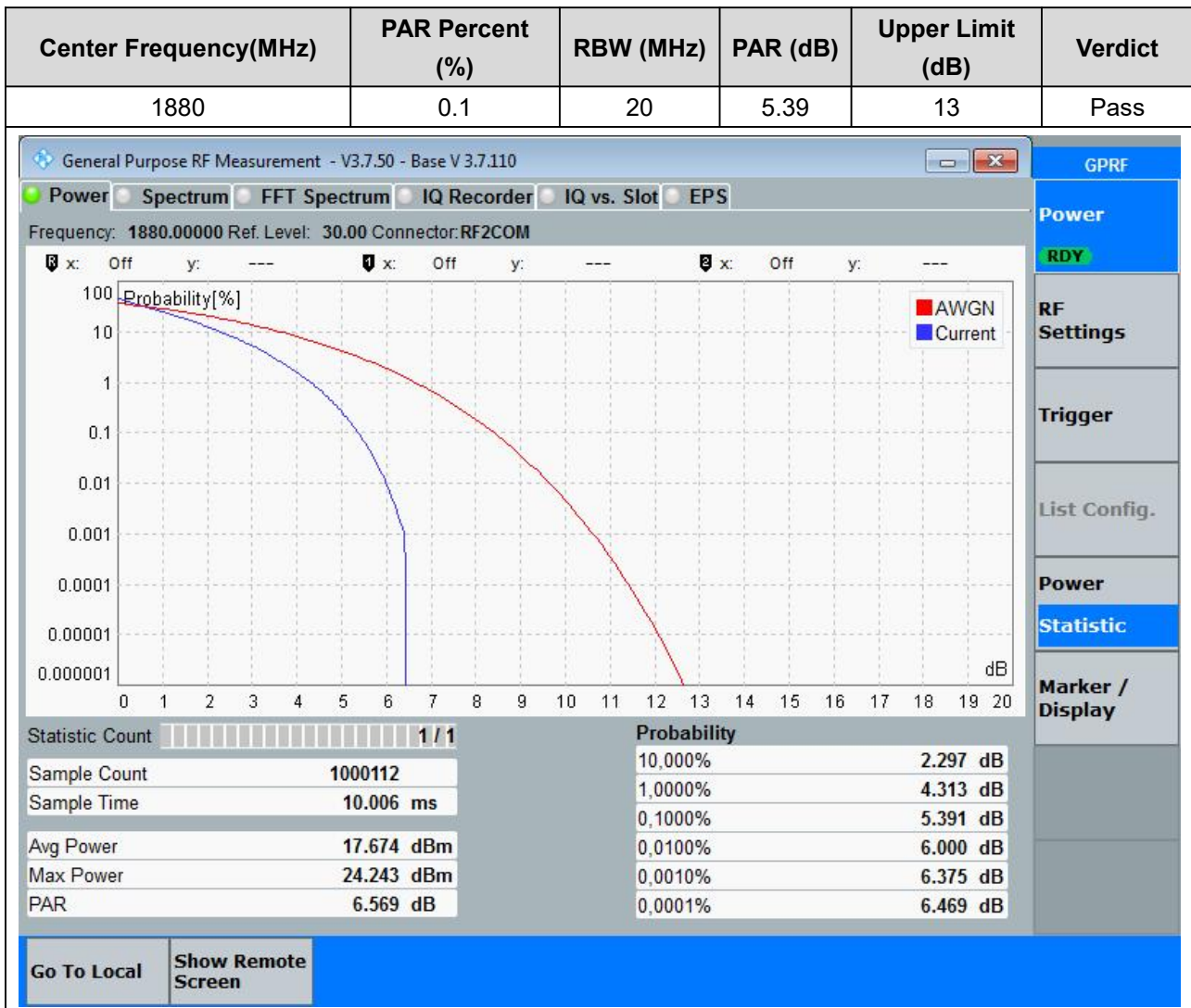
1.4. LTE Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



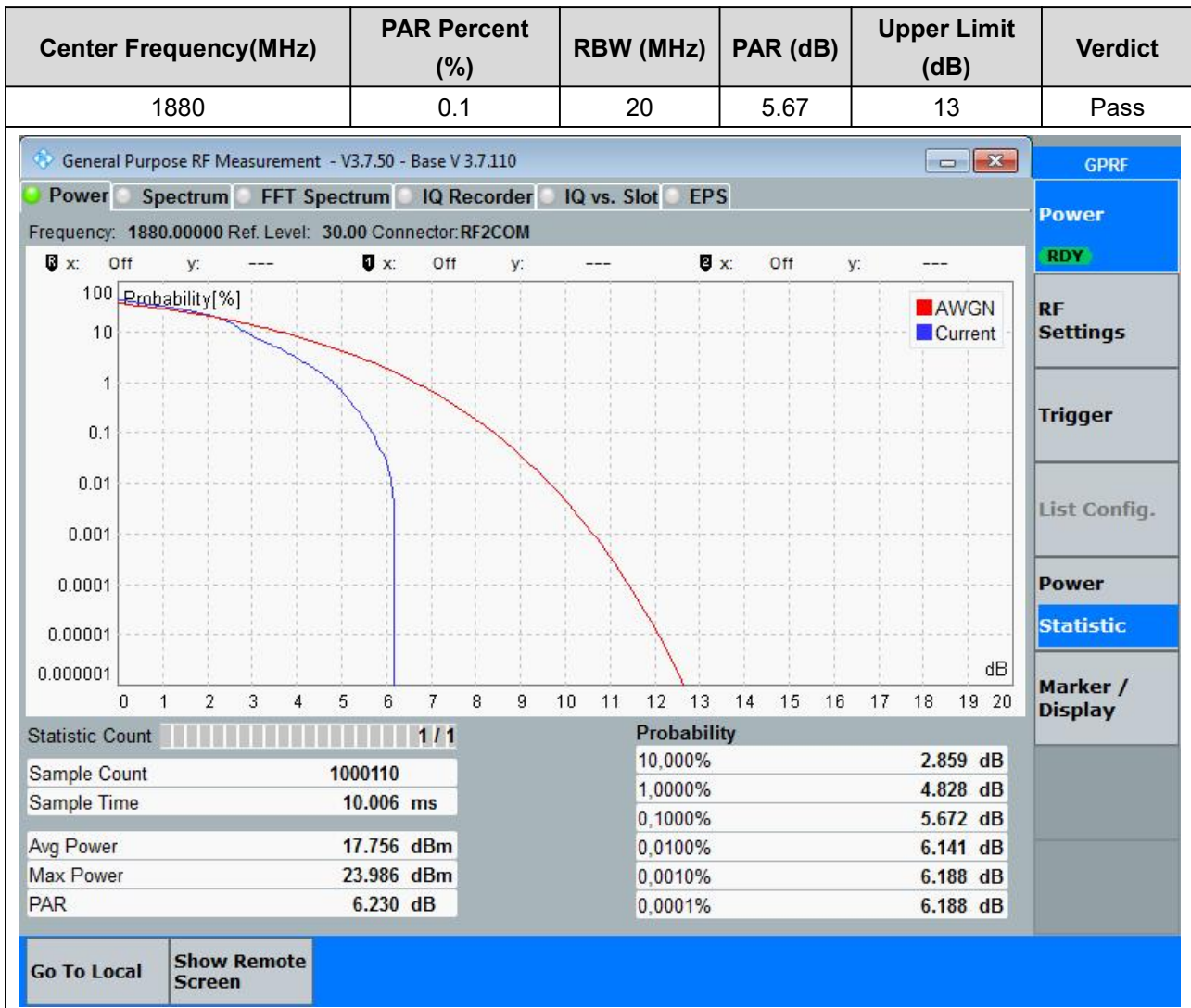
1.5. LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)



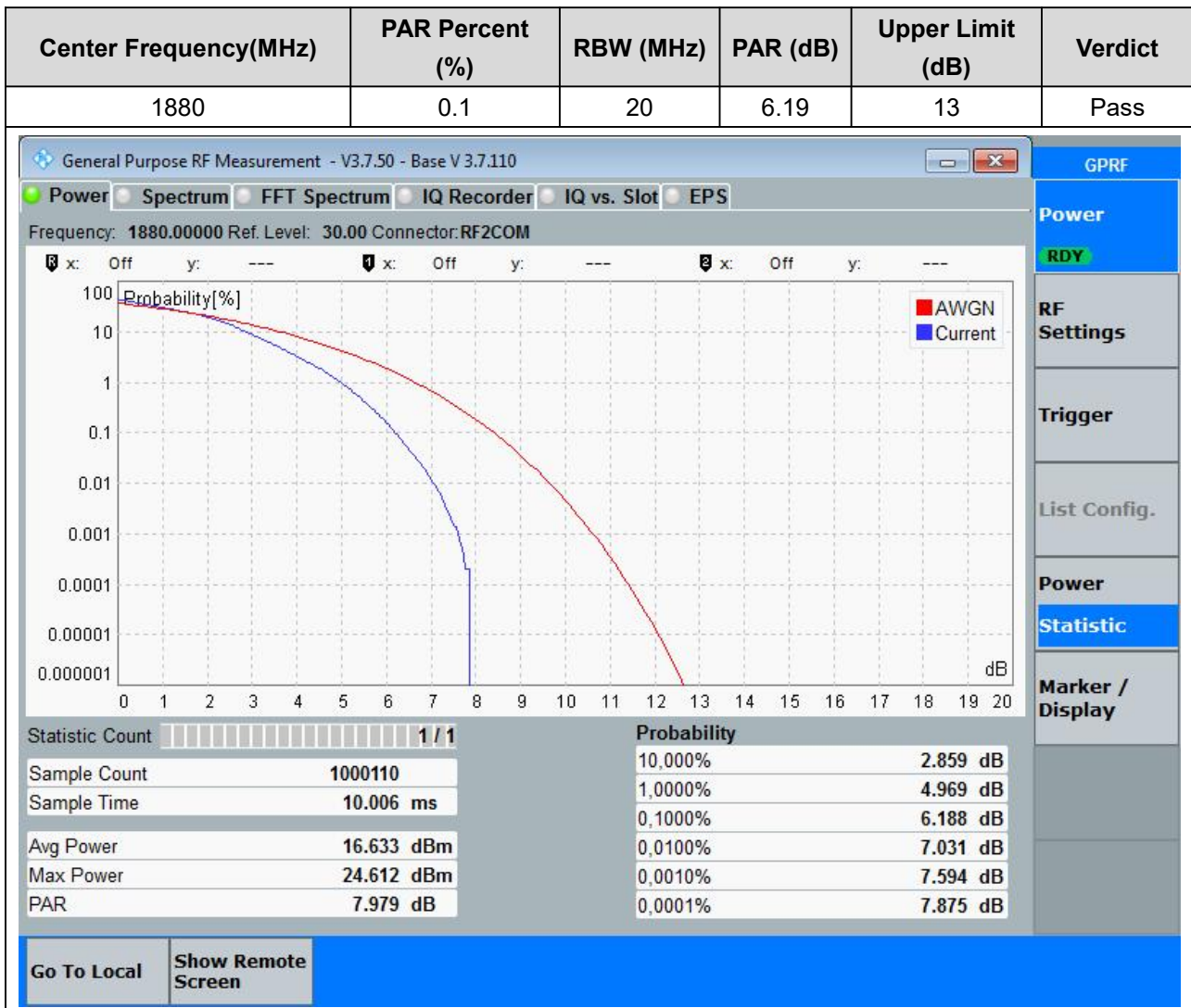
1.6. LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



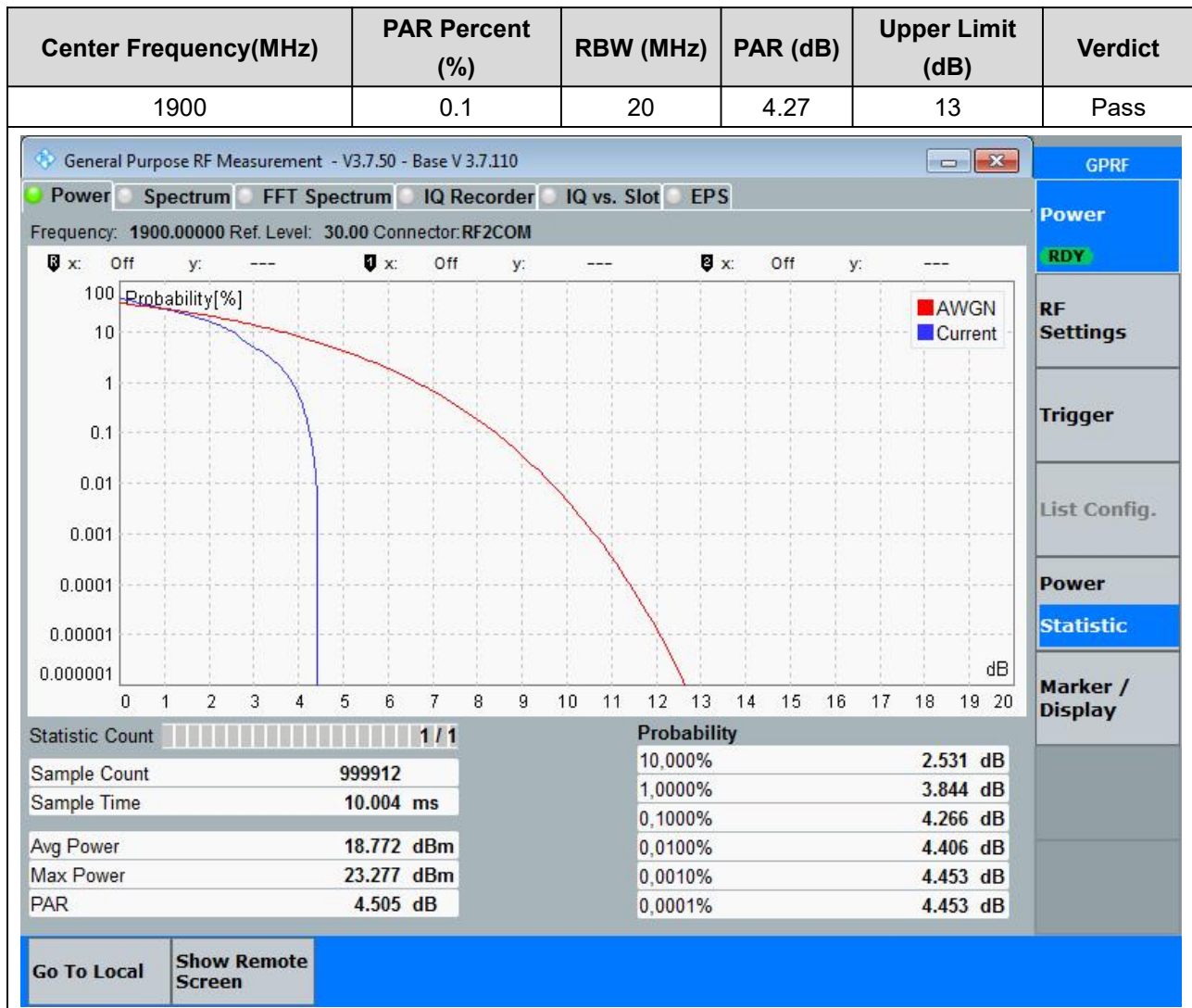
1.7. LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)



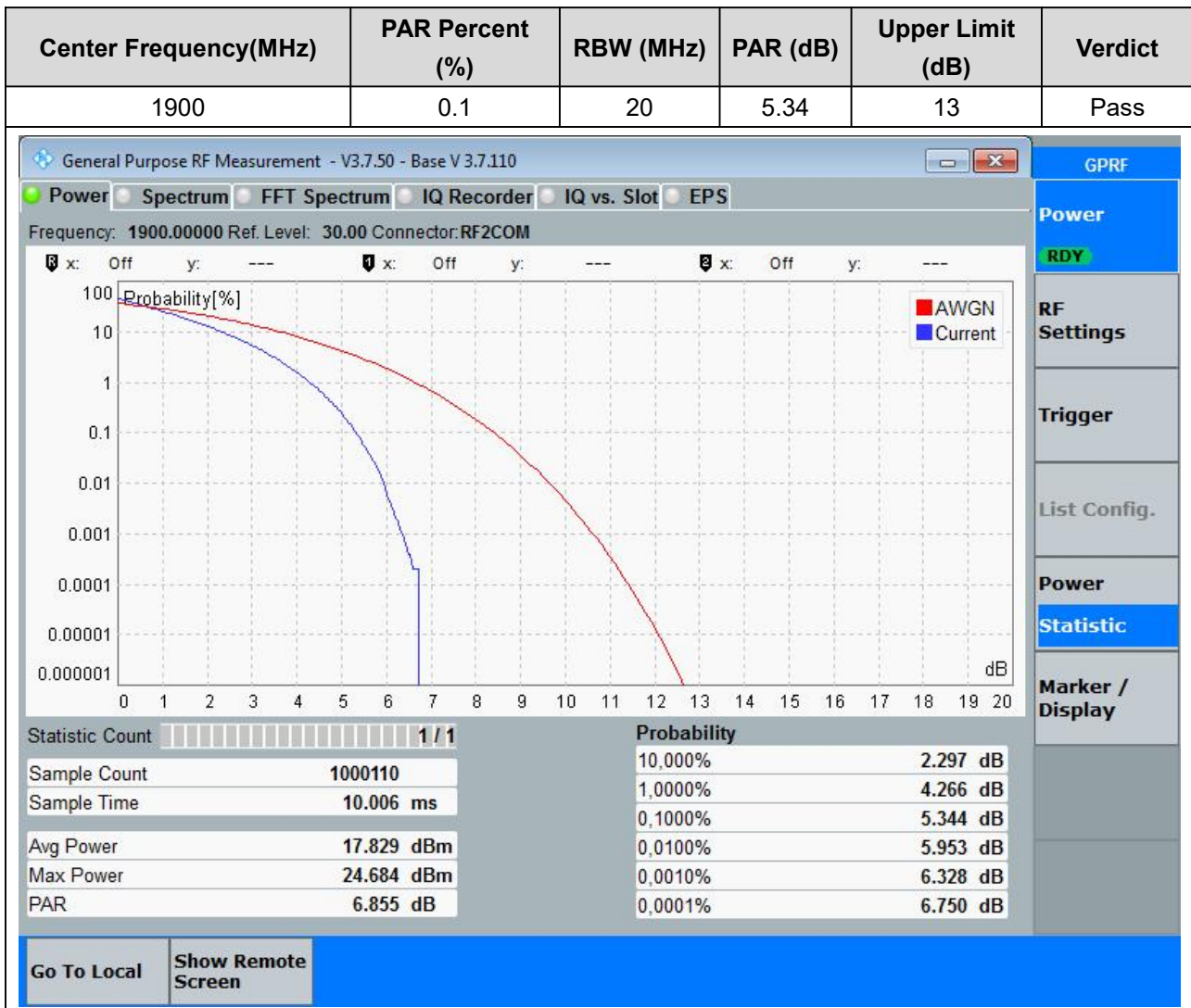
1.8. LTE Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



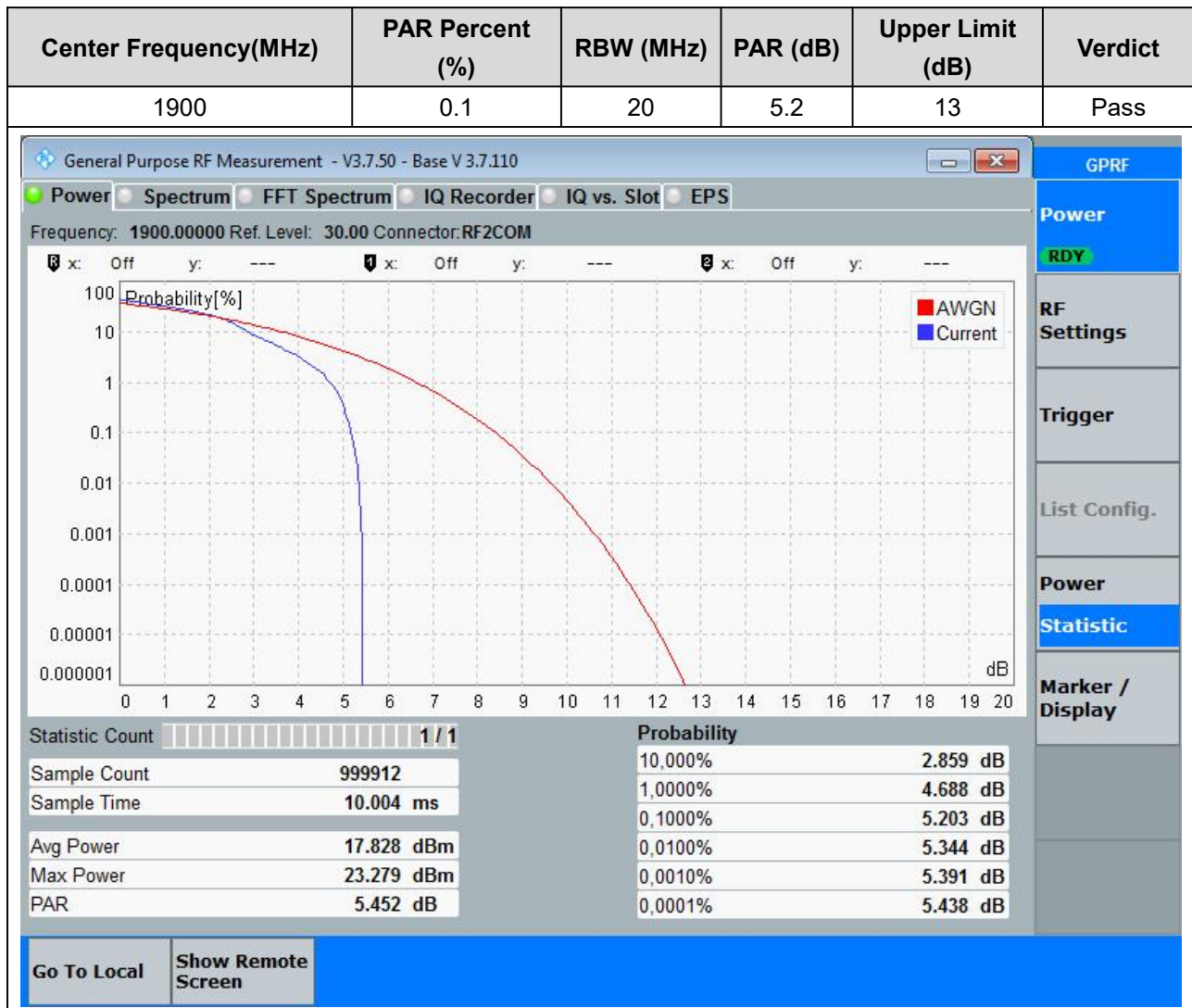
1.9. LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)



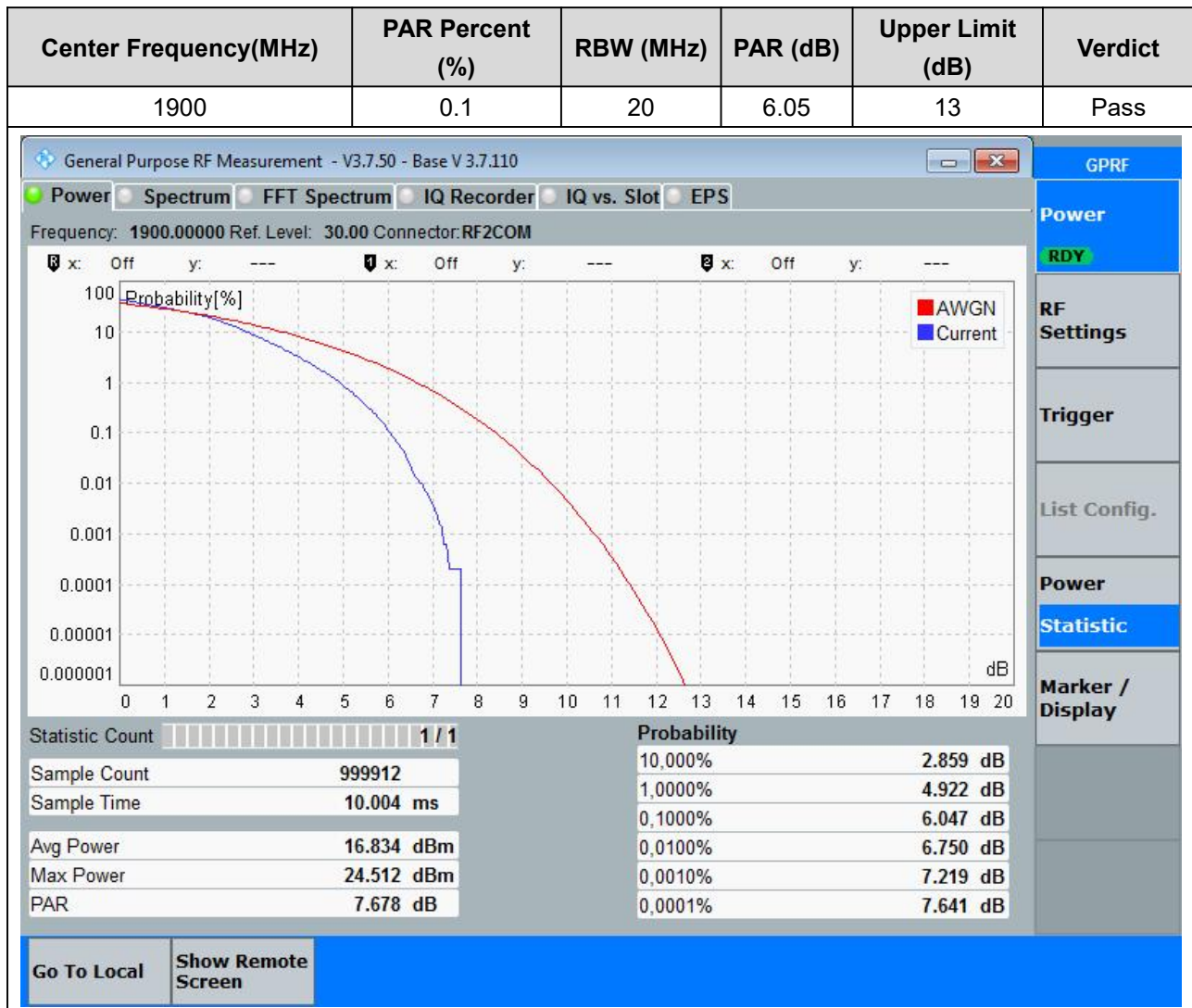
1.10. LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



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



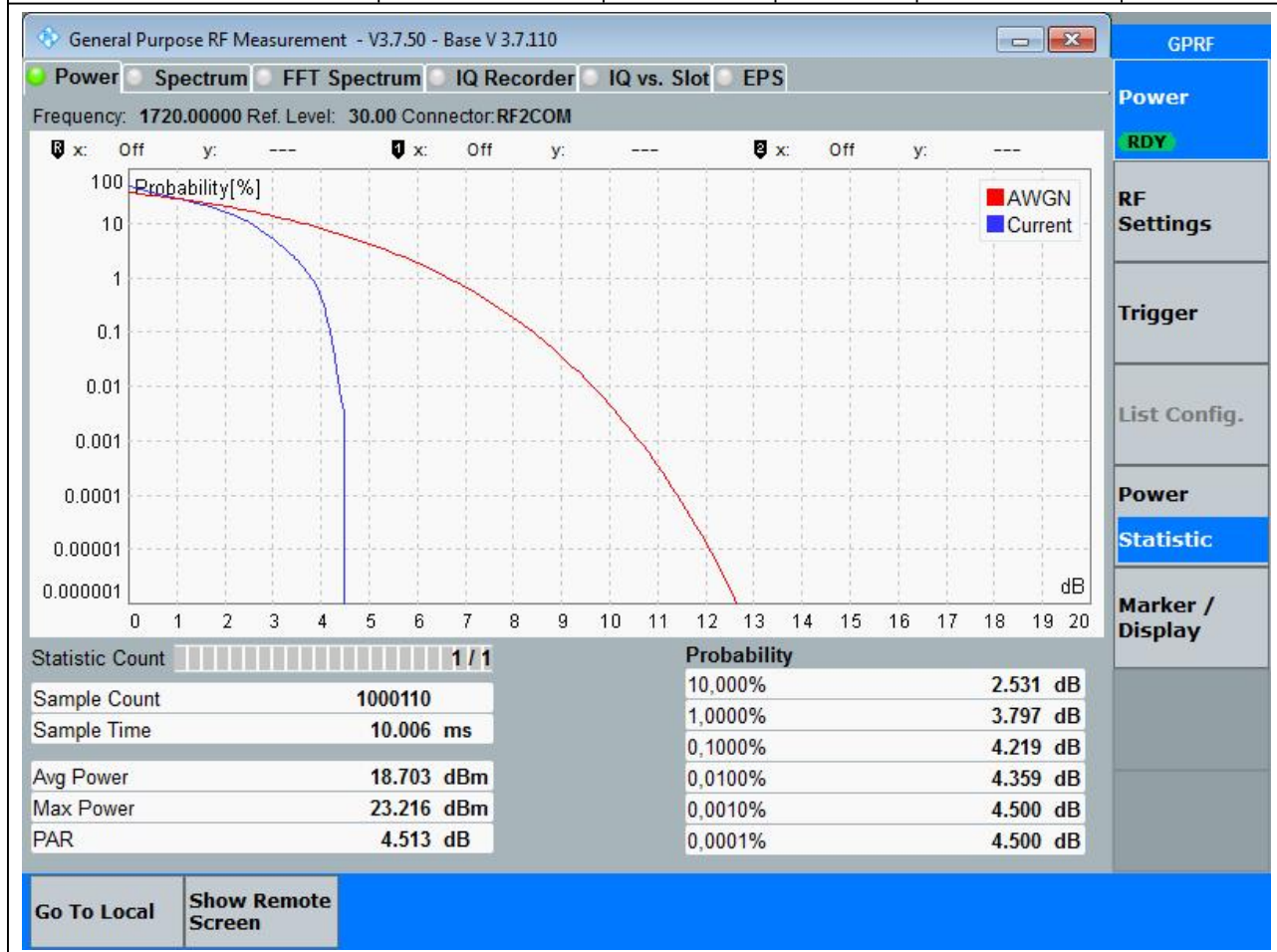
1.12. LTE Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



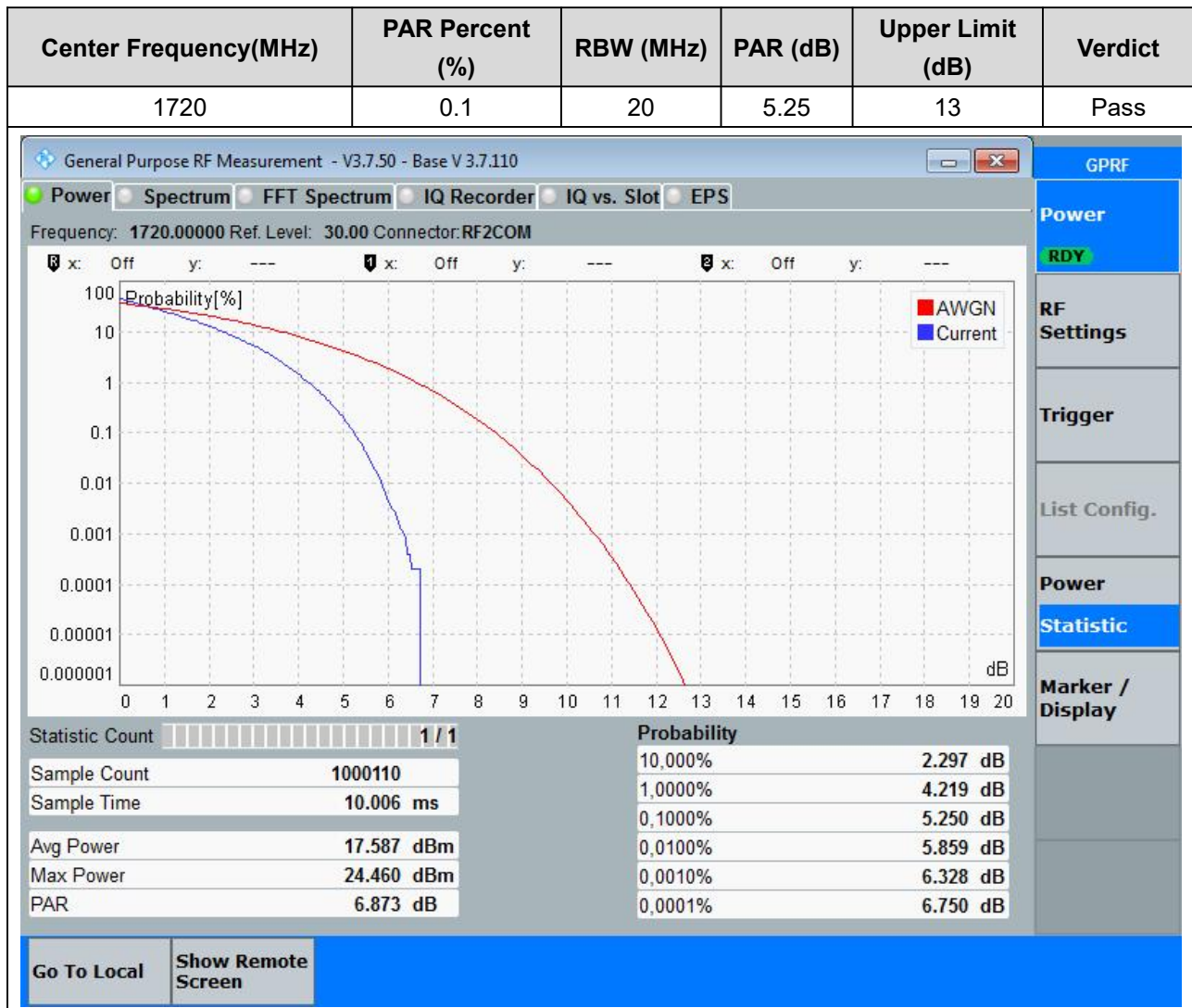
2. LTE_Band4

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

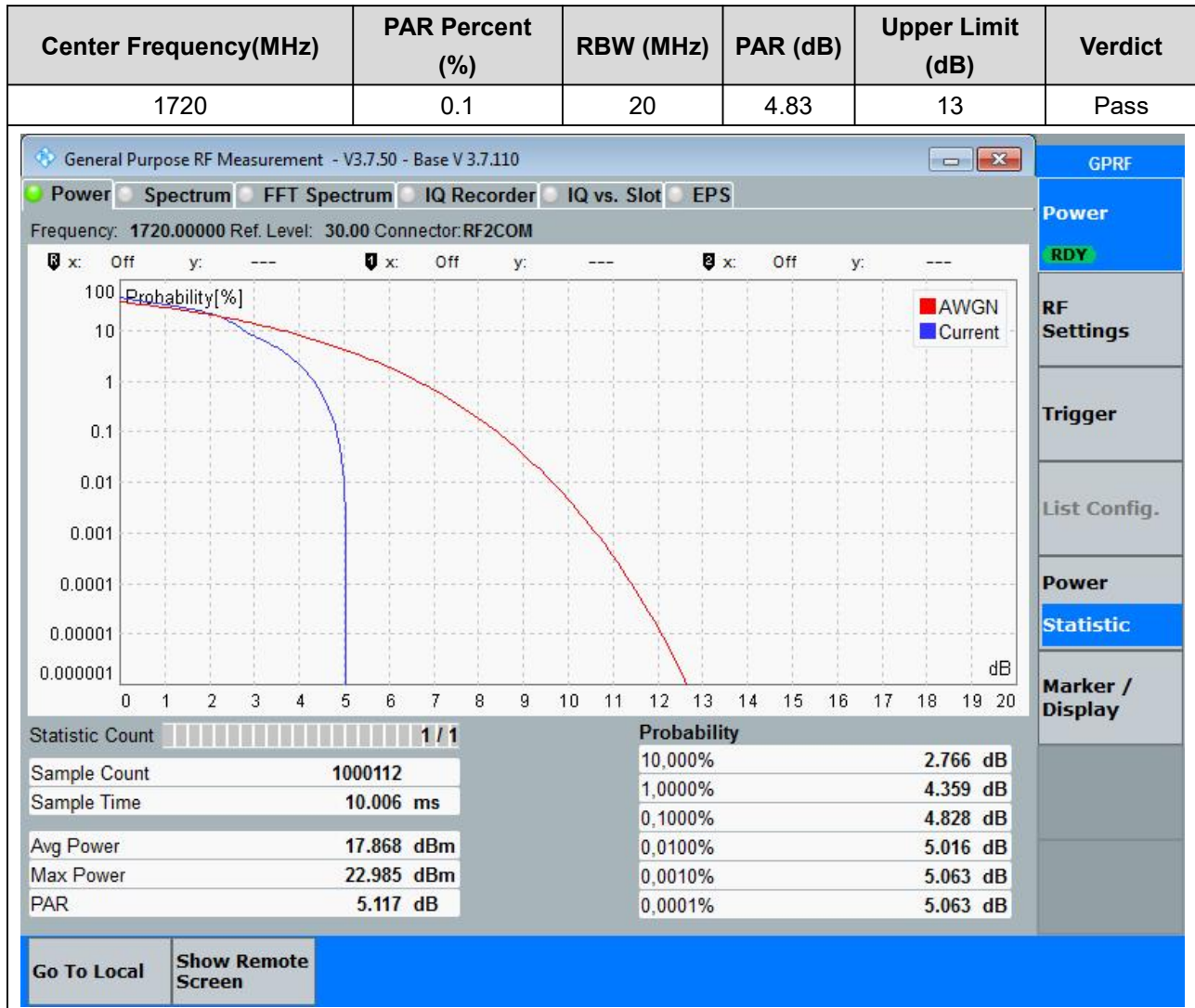
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	20	4.22	13	Pass



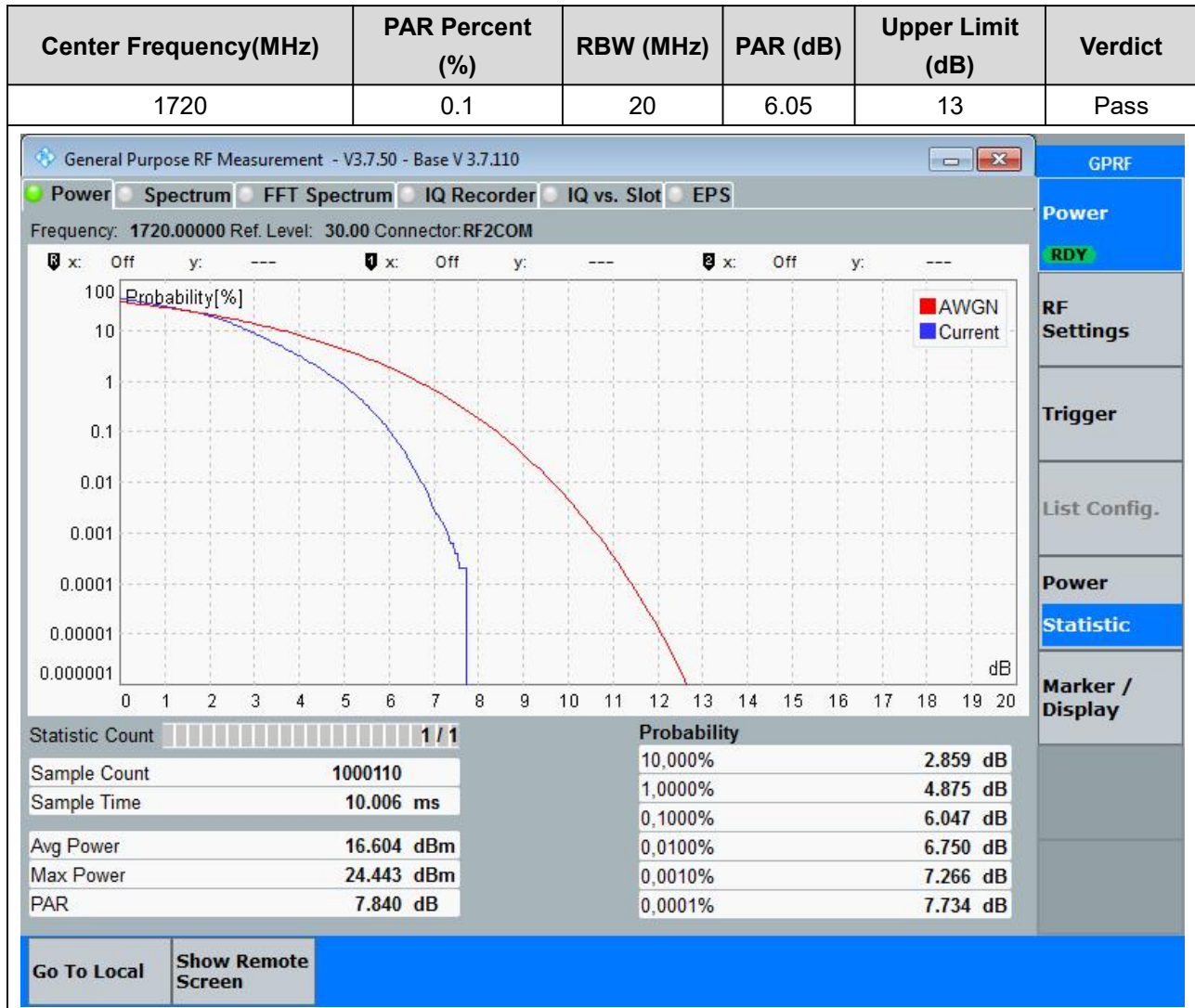
2.2. LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



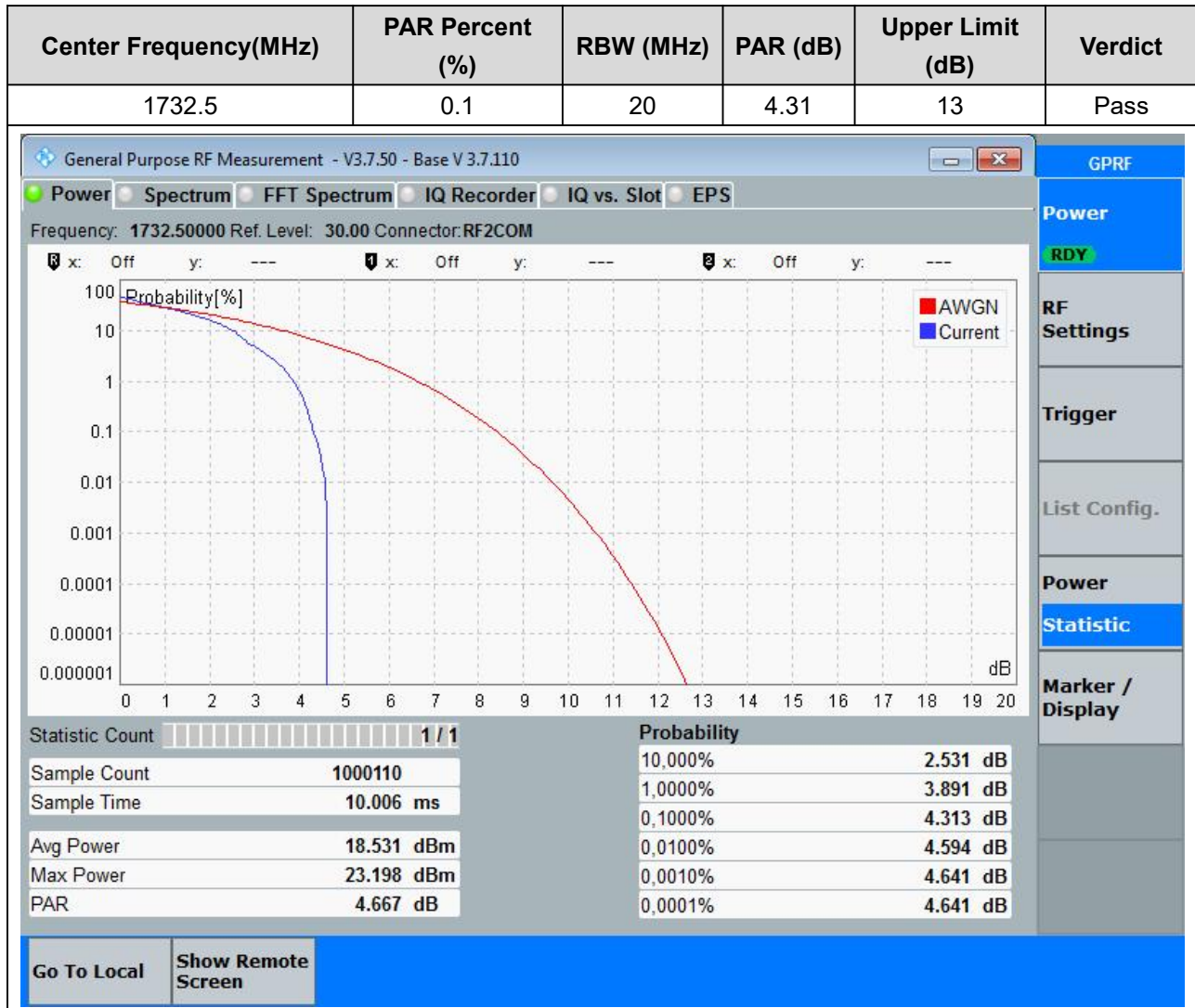
2.3. LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)



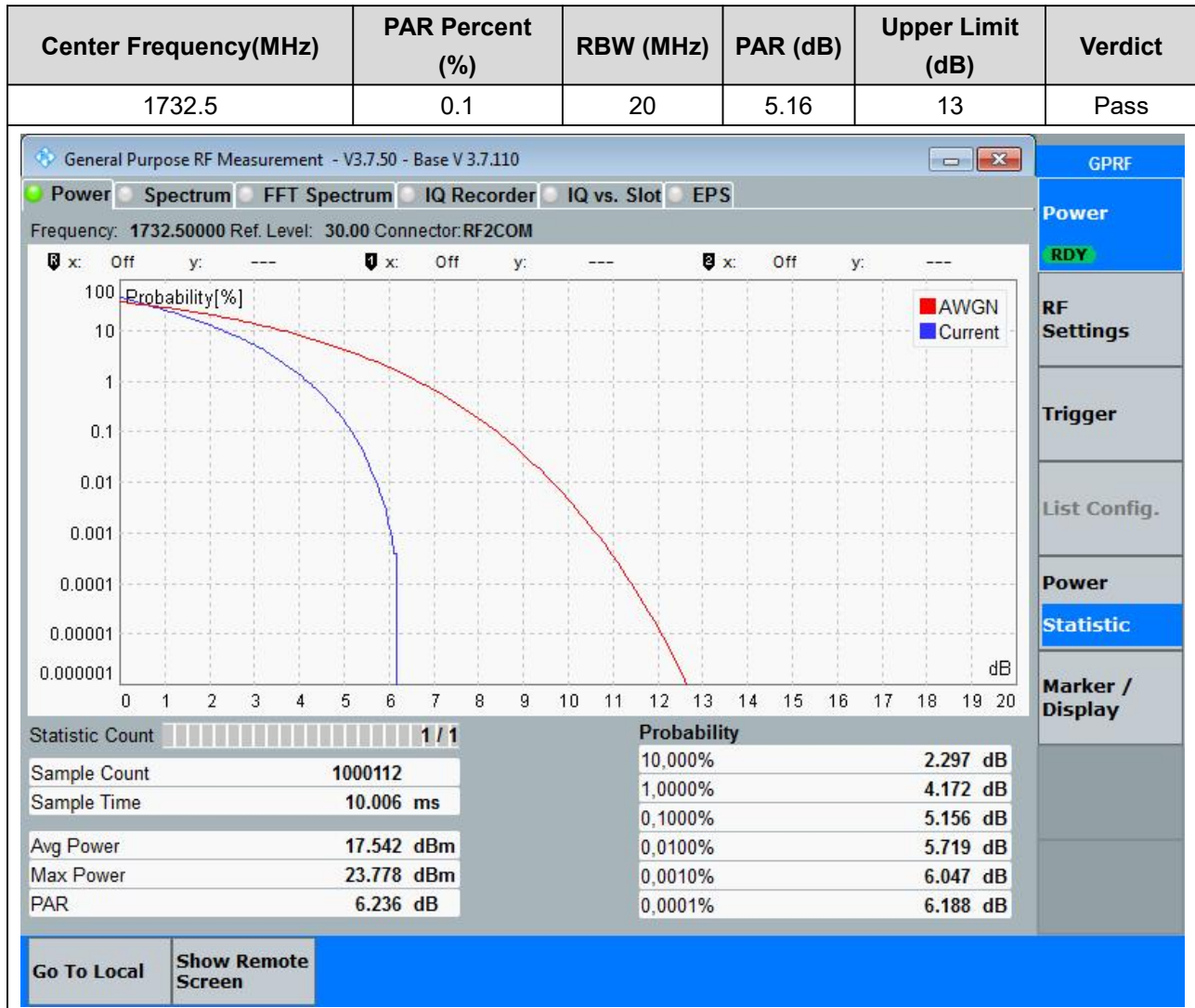
2.4. LTE Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



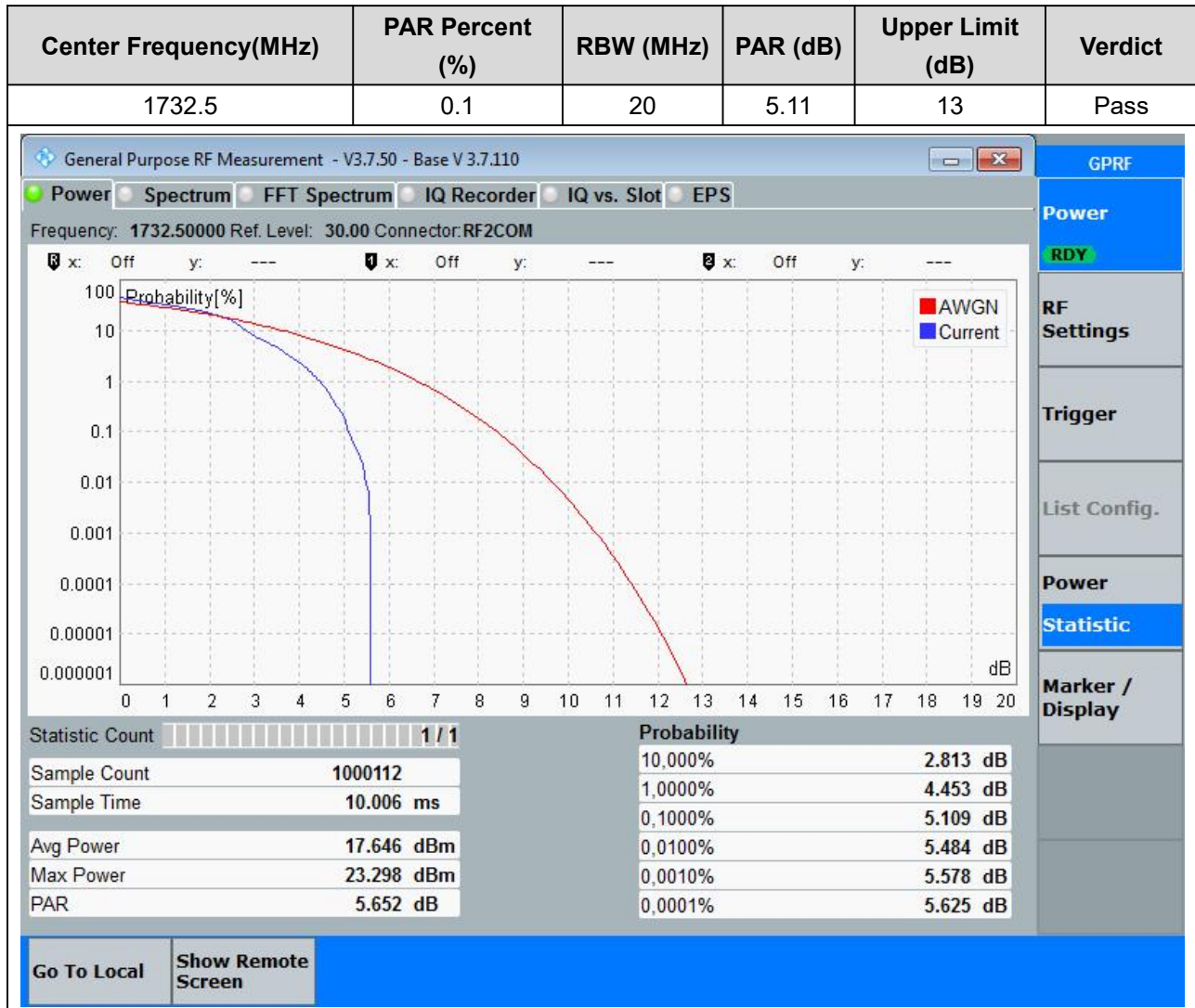
2.5. LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)



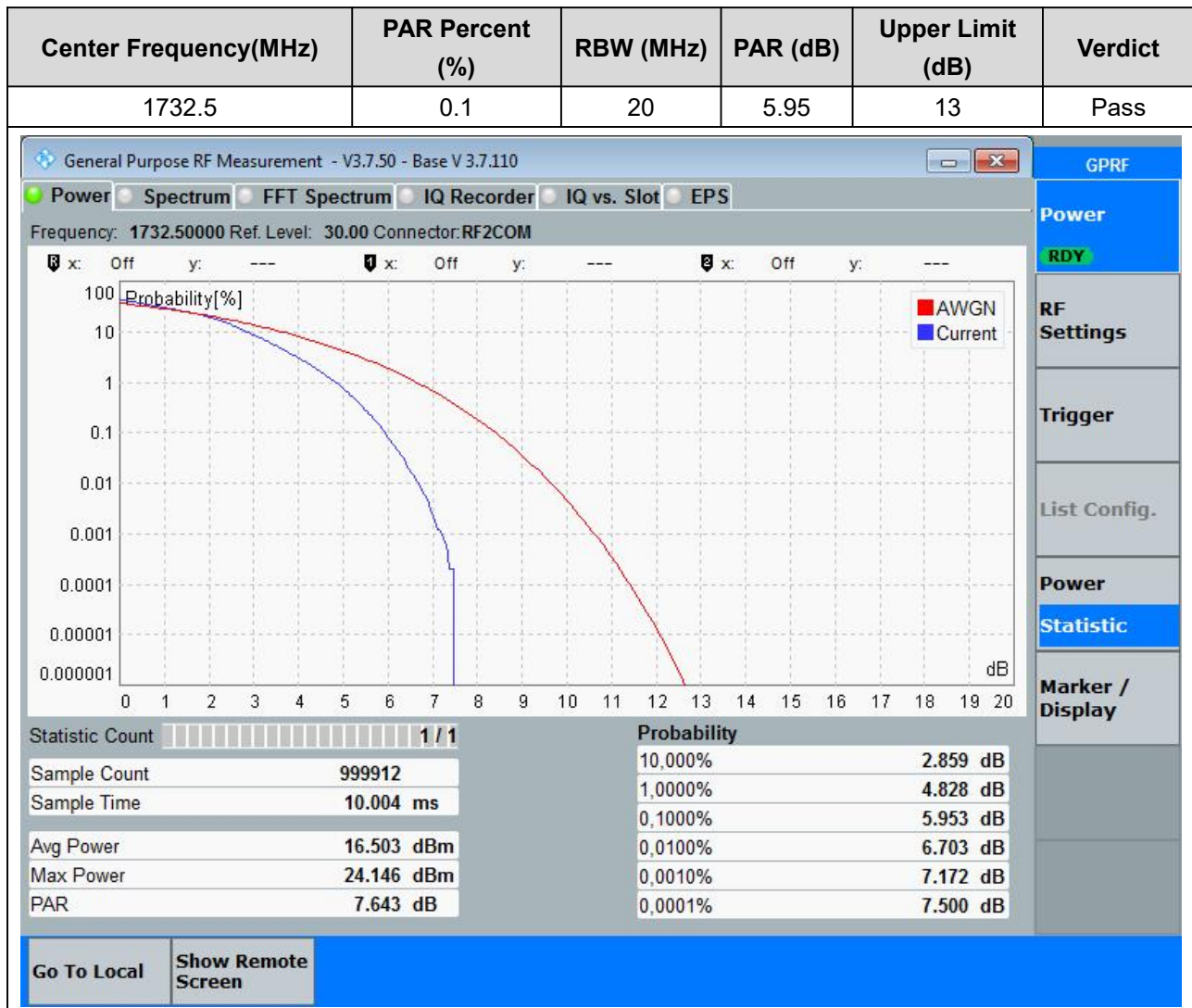
2.6. LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



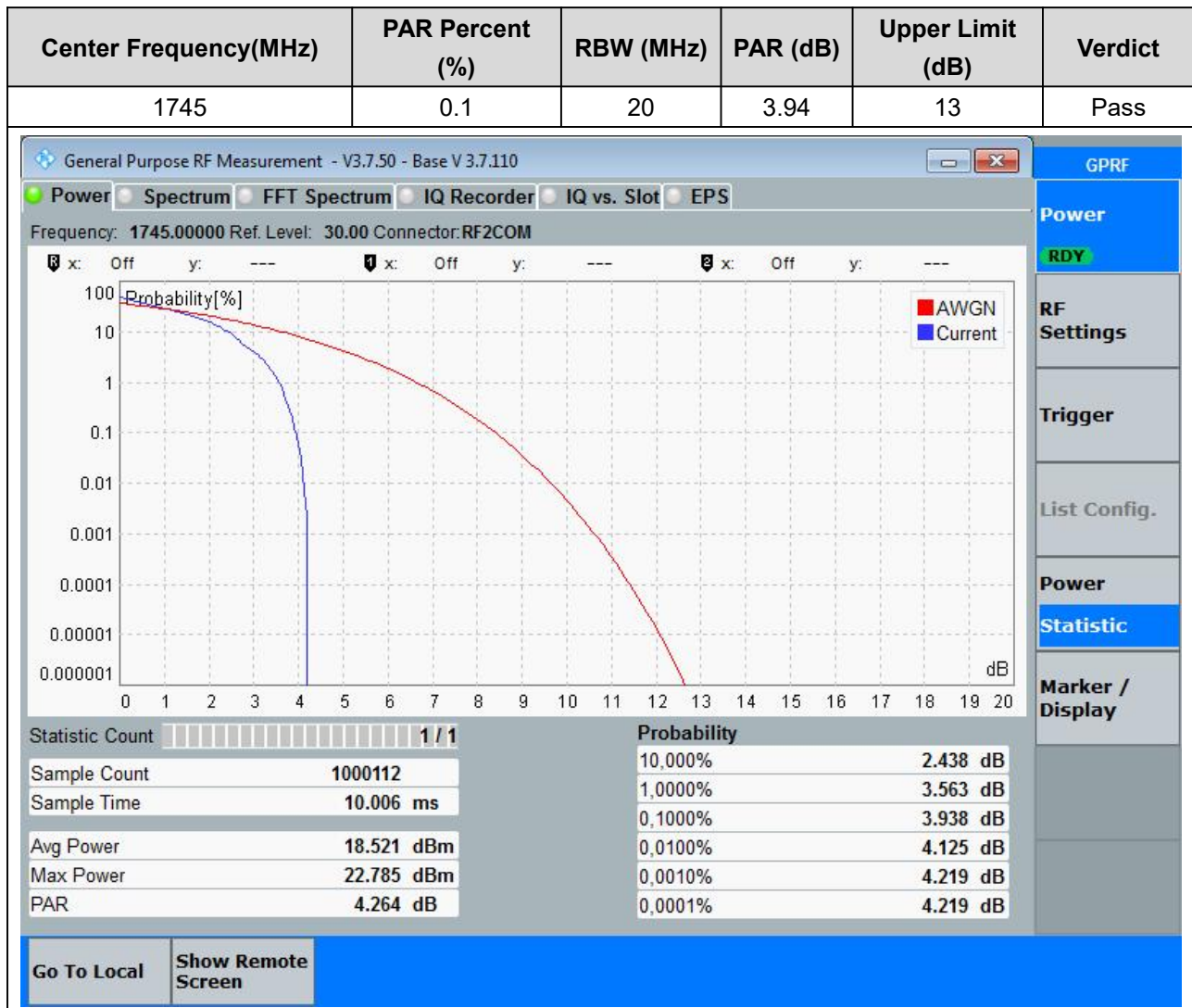
2.7. LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)



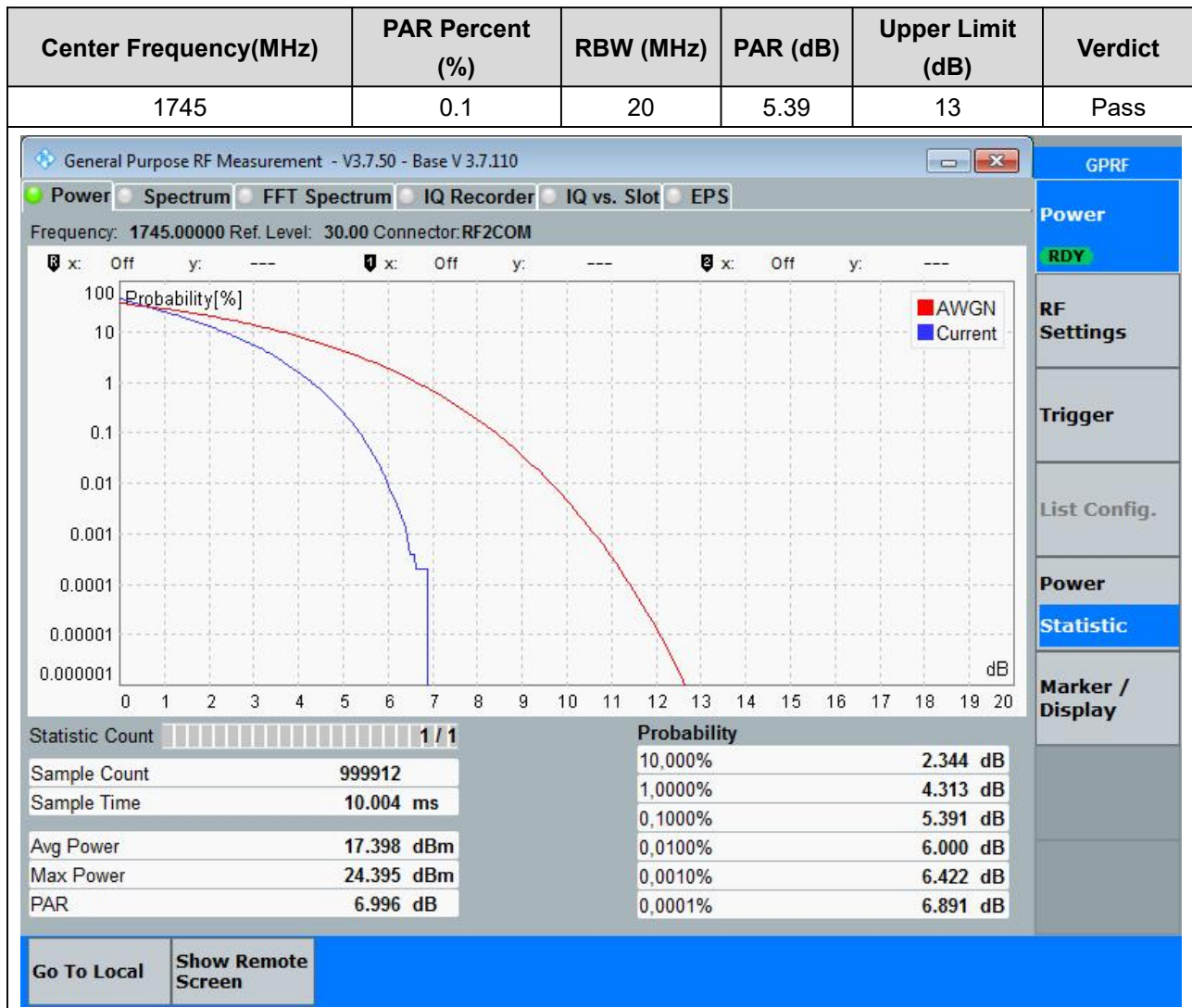
2.8. LTE Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



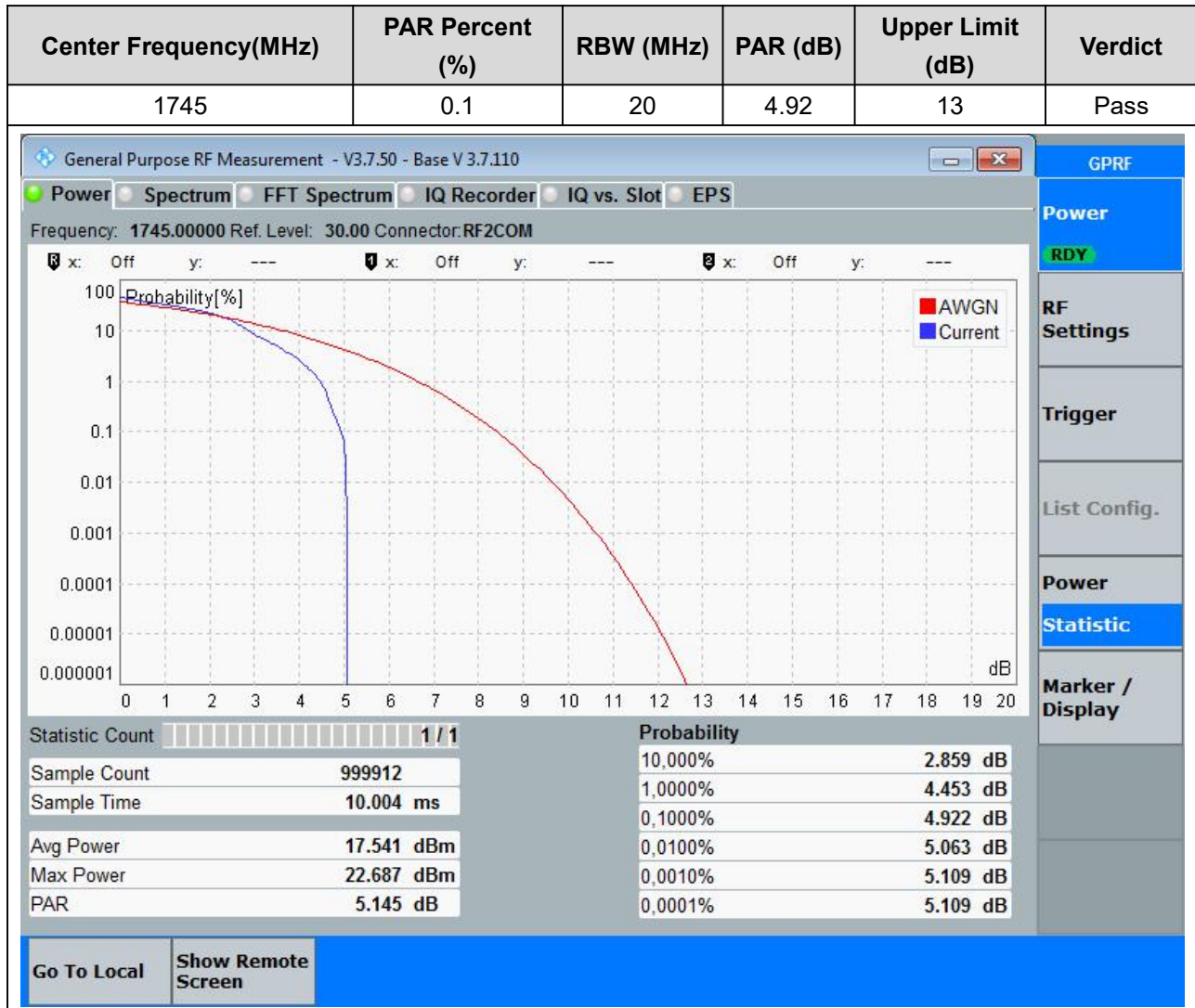
2.9. LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)



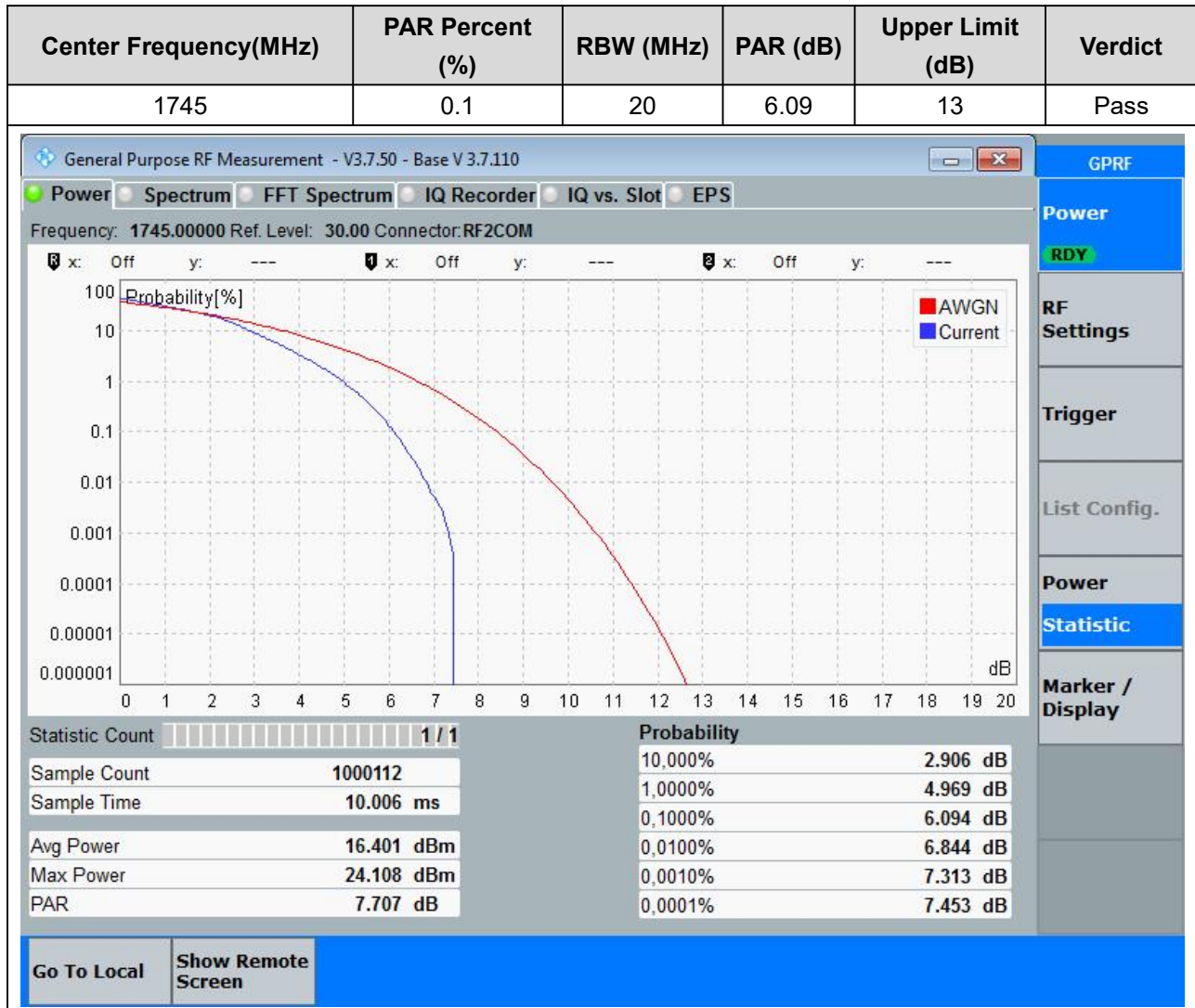
2.10. LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



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

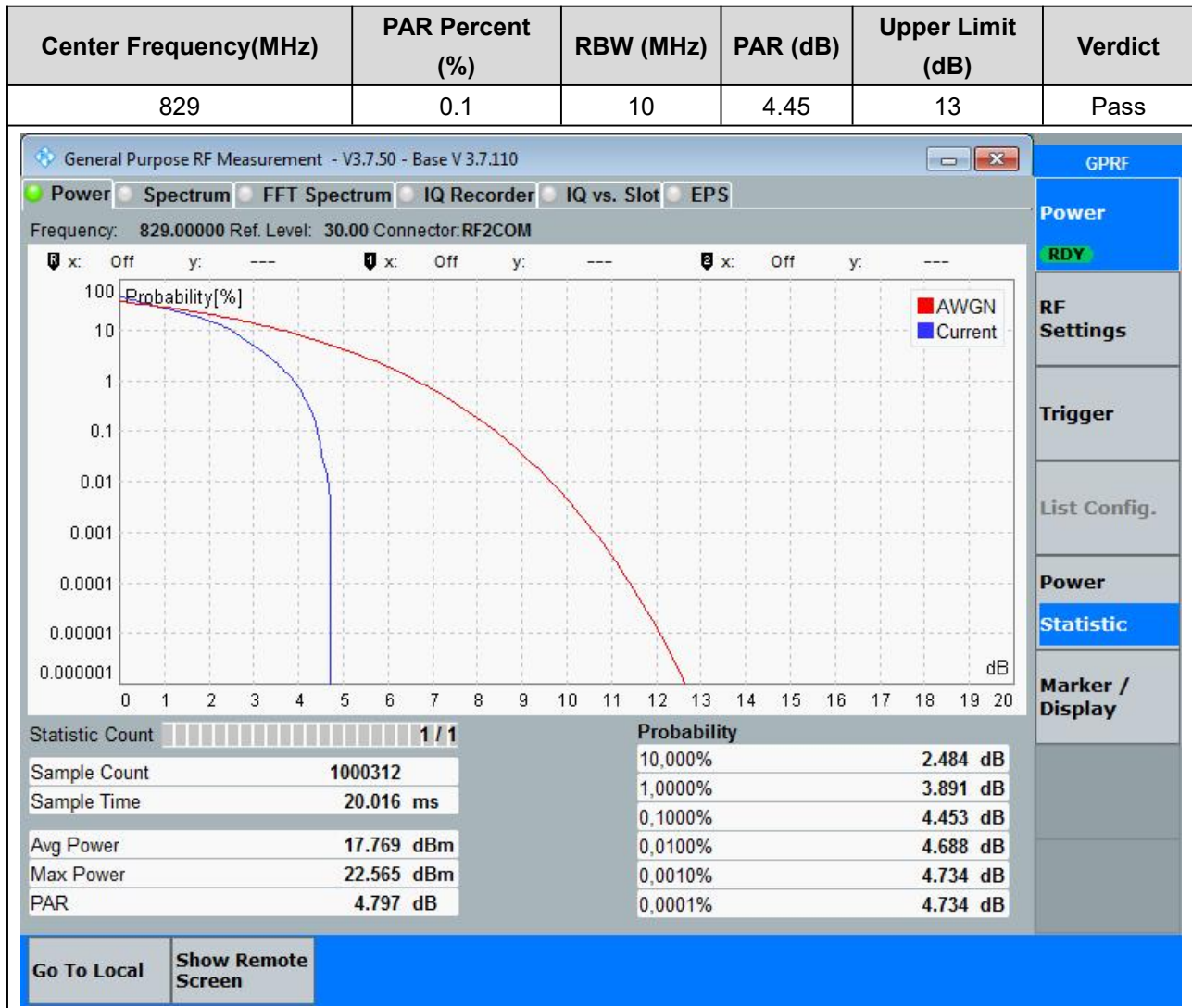


2.12. LTE Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

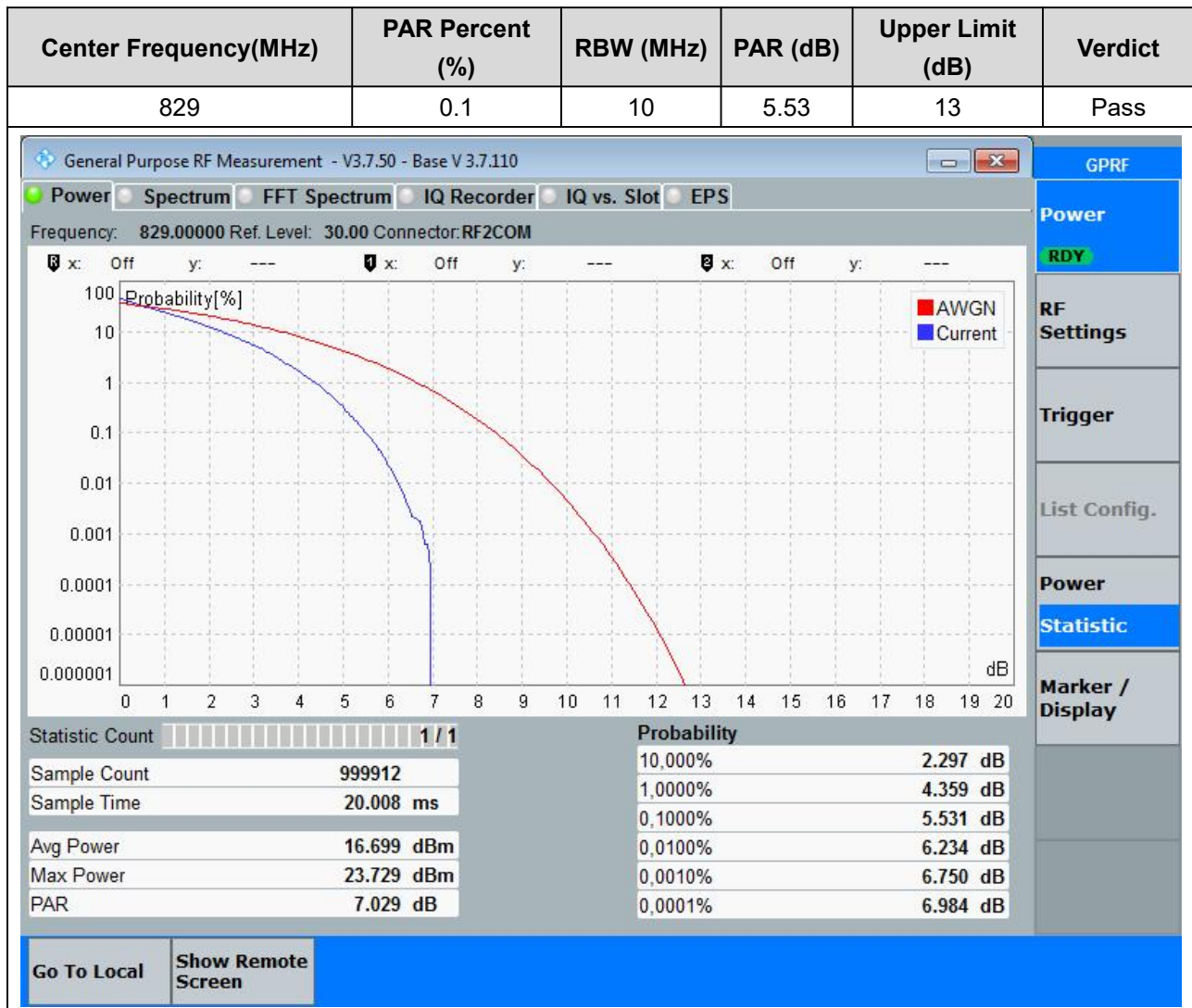


3. LTE_Band5

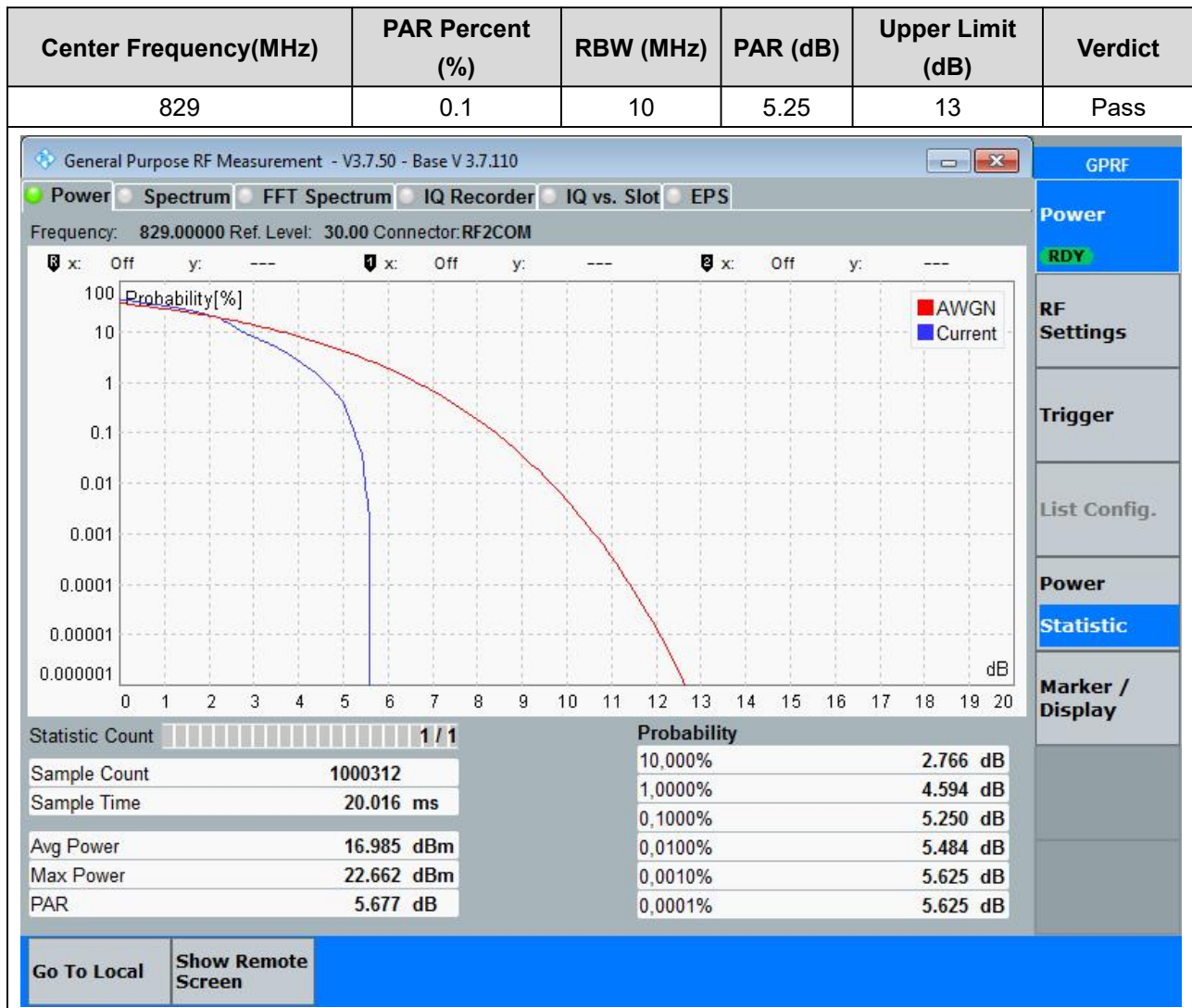
3.1. LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)



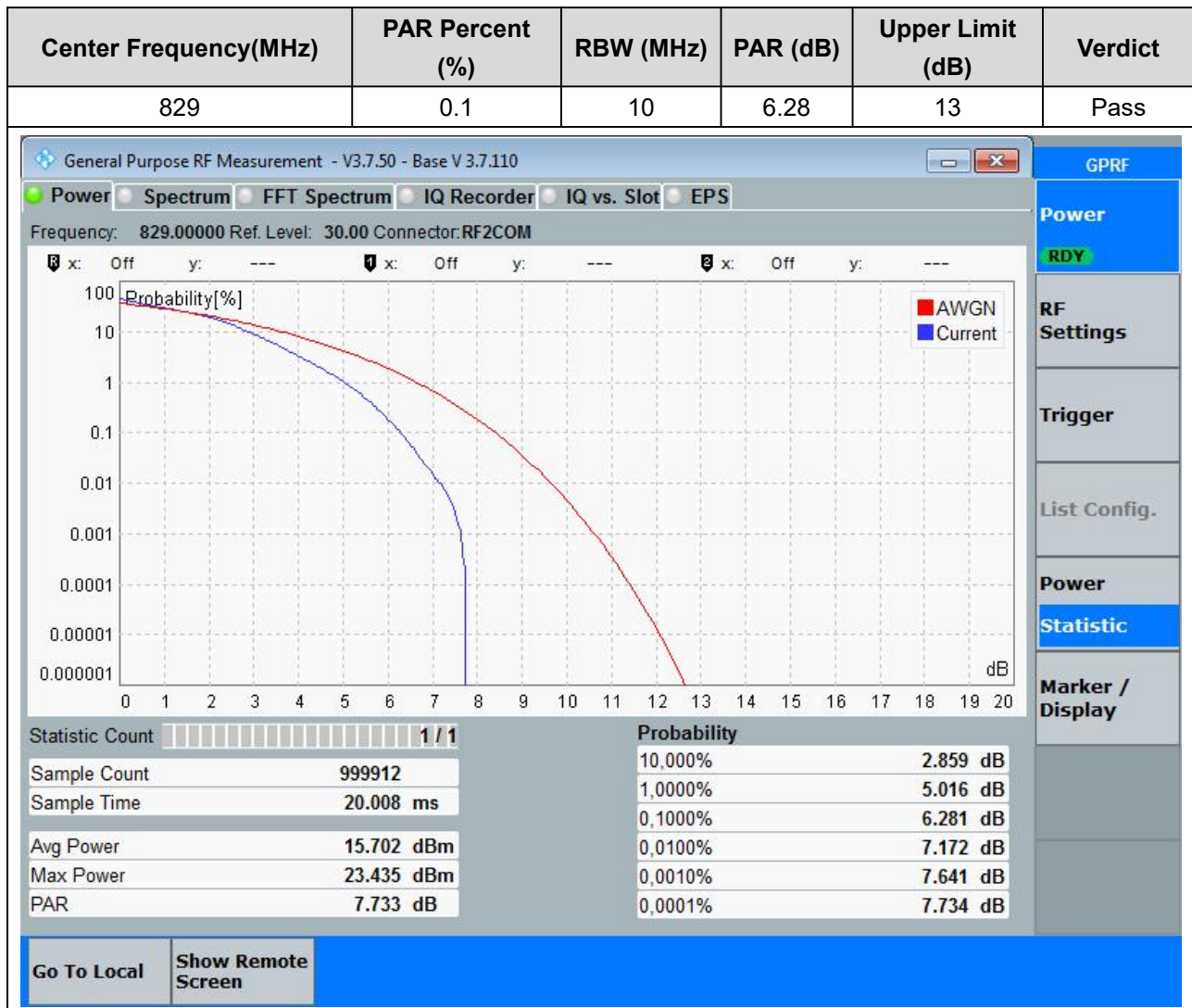
3.2. LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



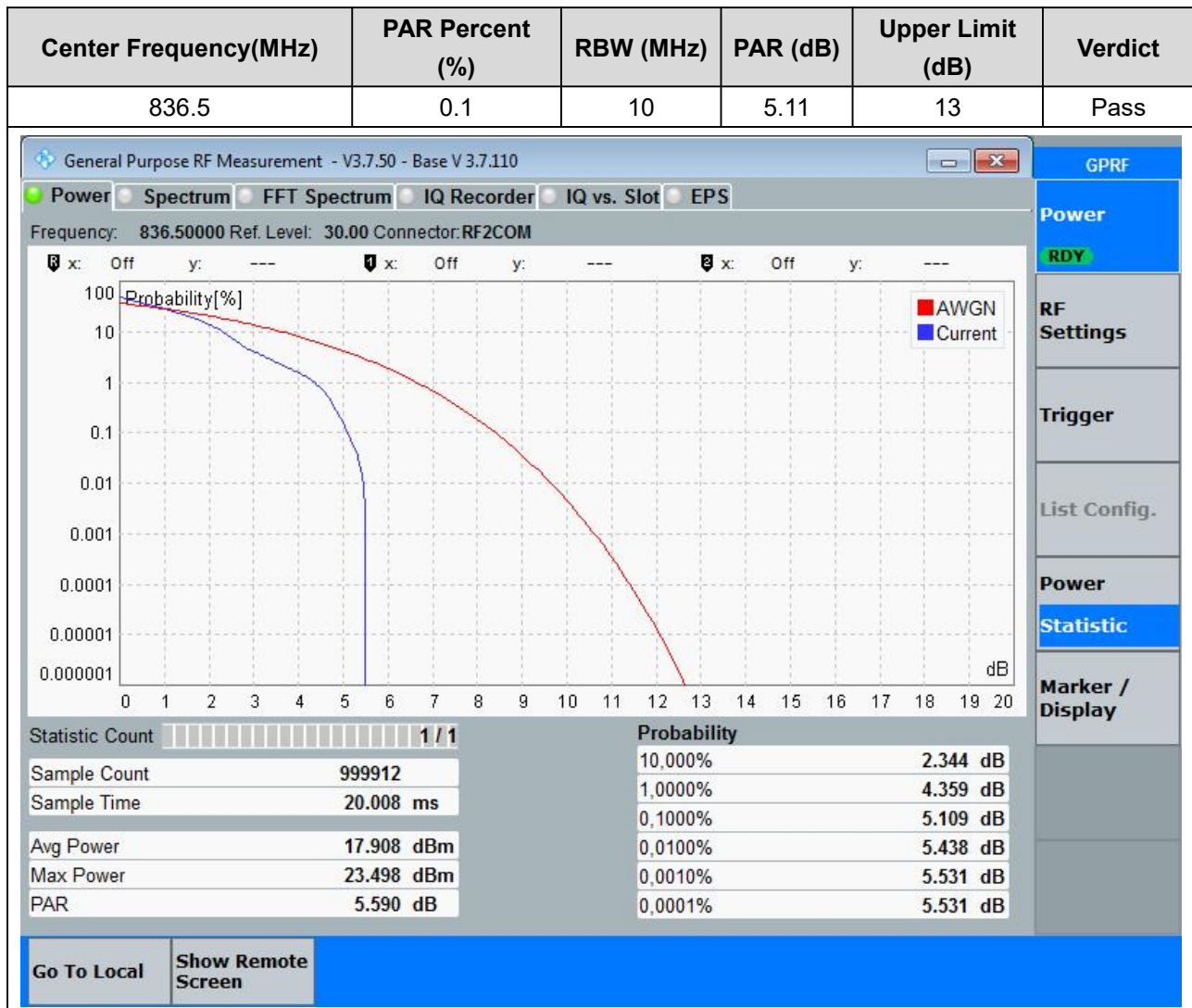
3.3. LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)



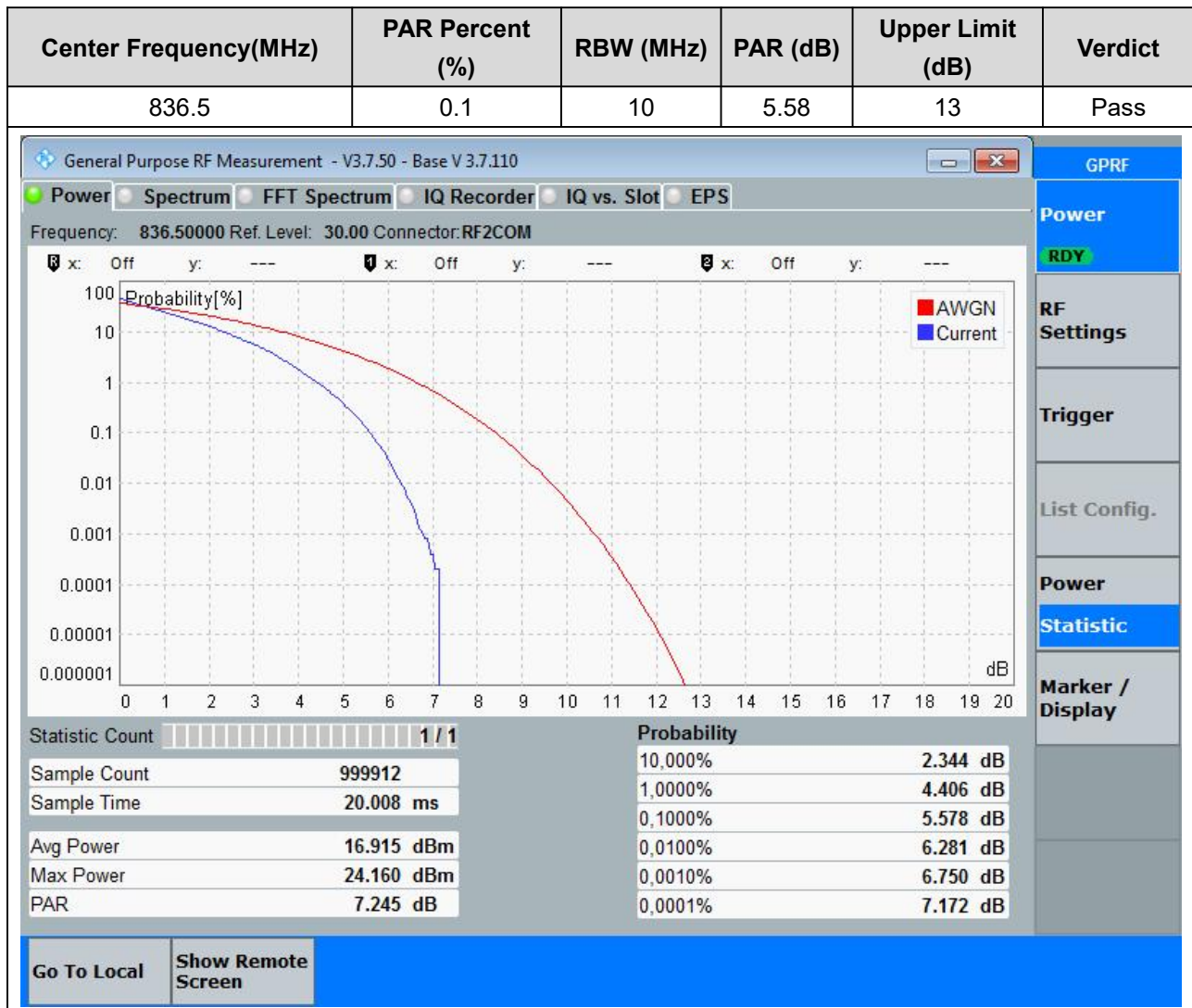
3.4. LTE Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



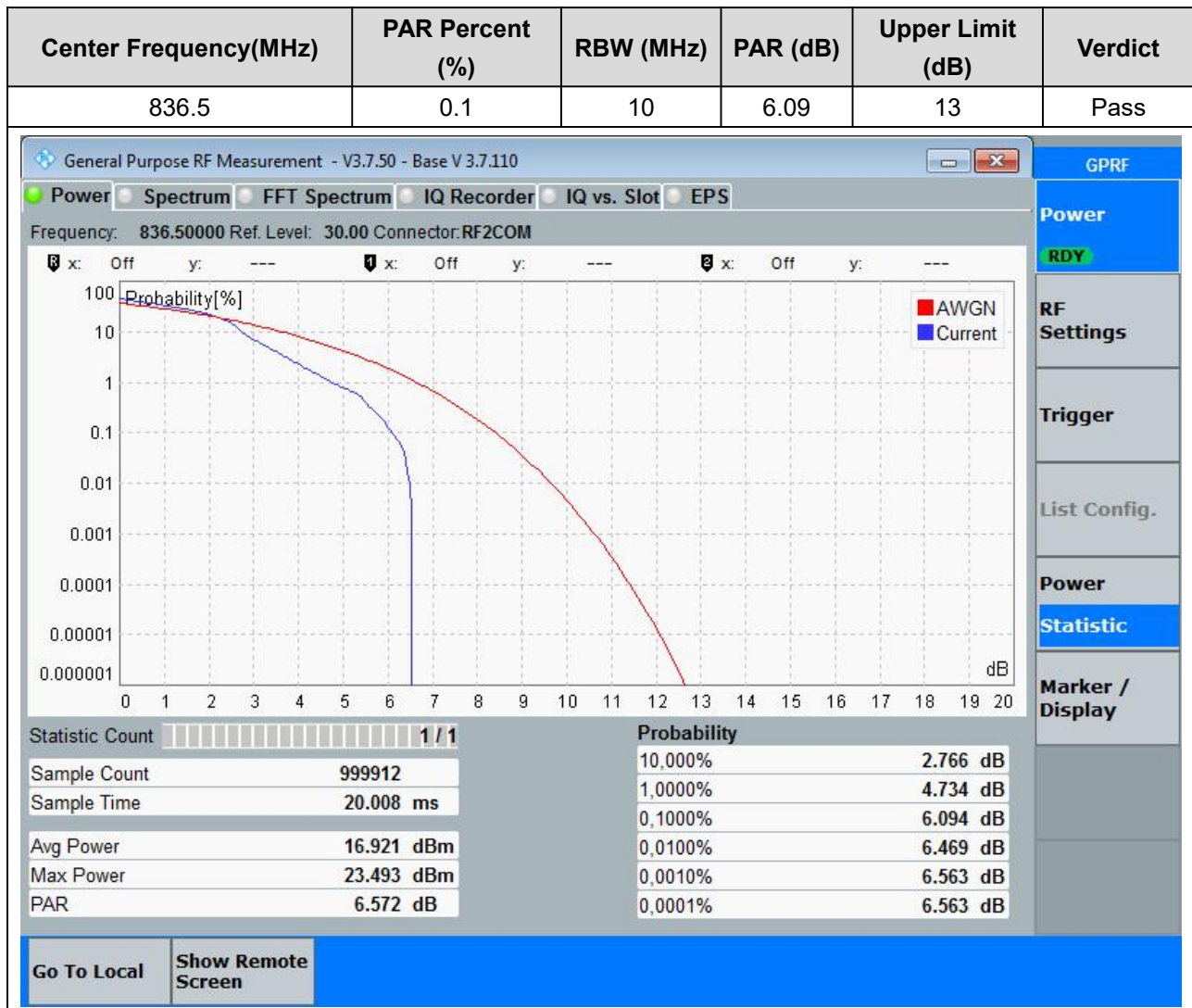
3.5. LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)



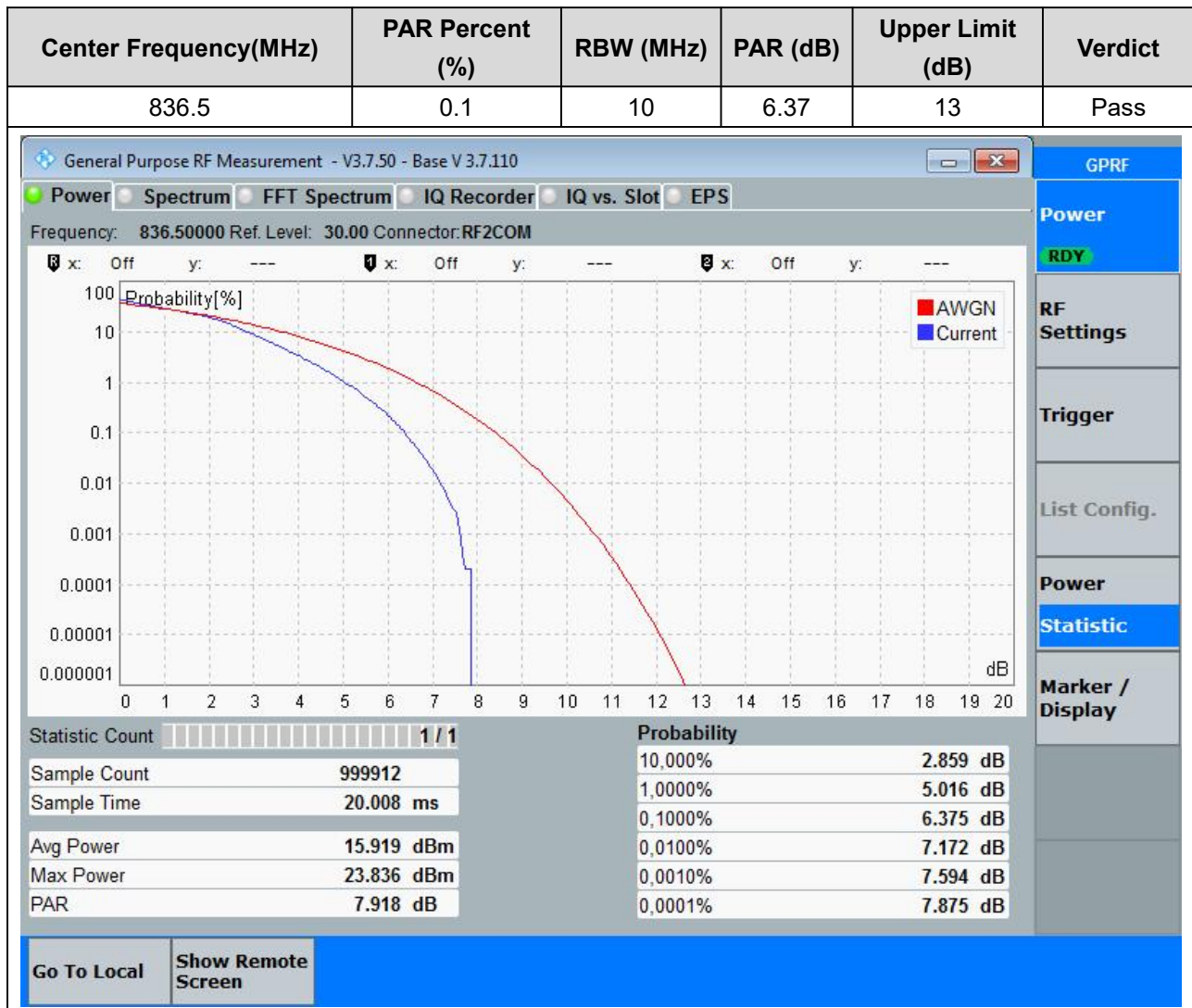
3.6. LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



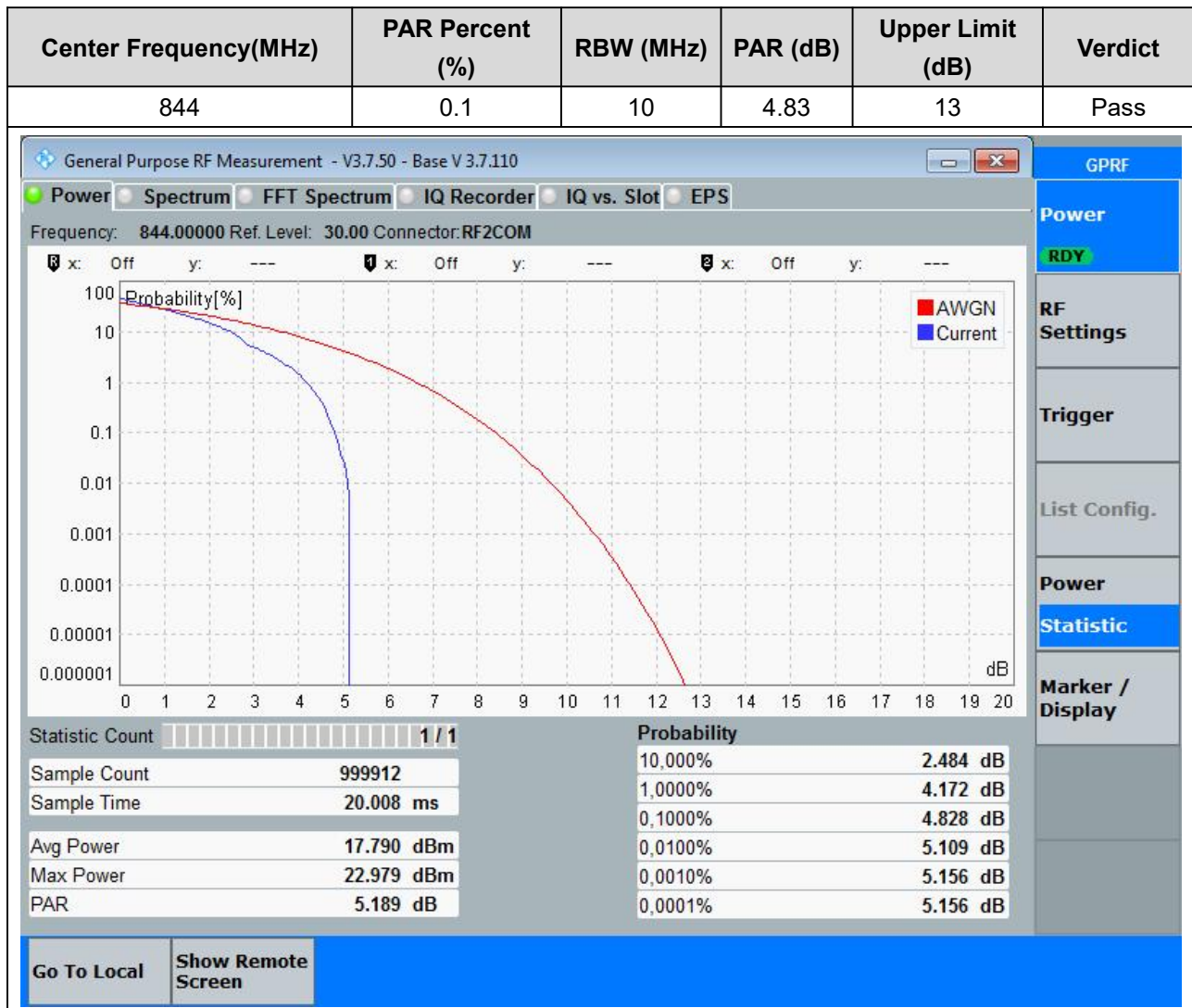
3.7. LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)



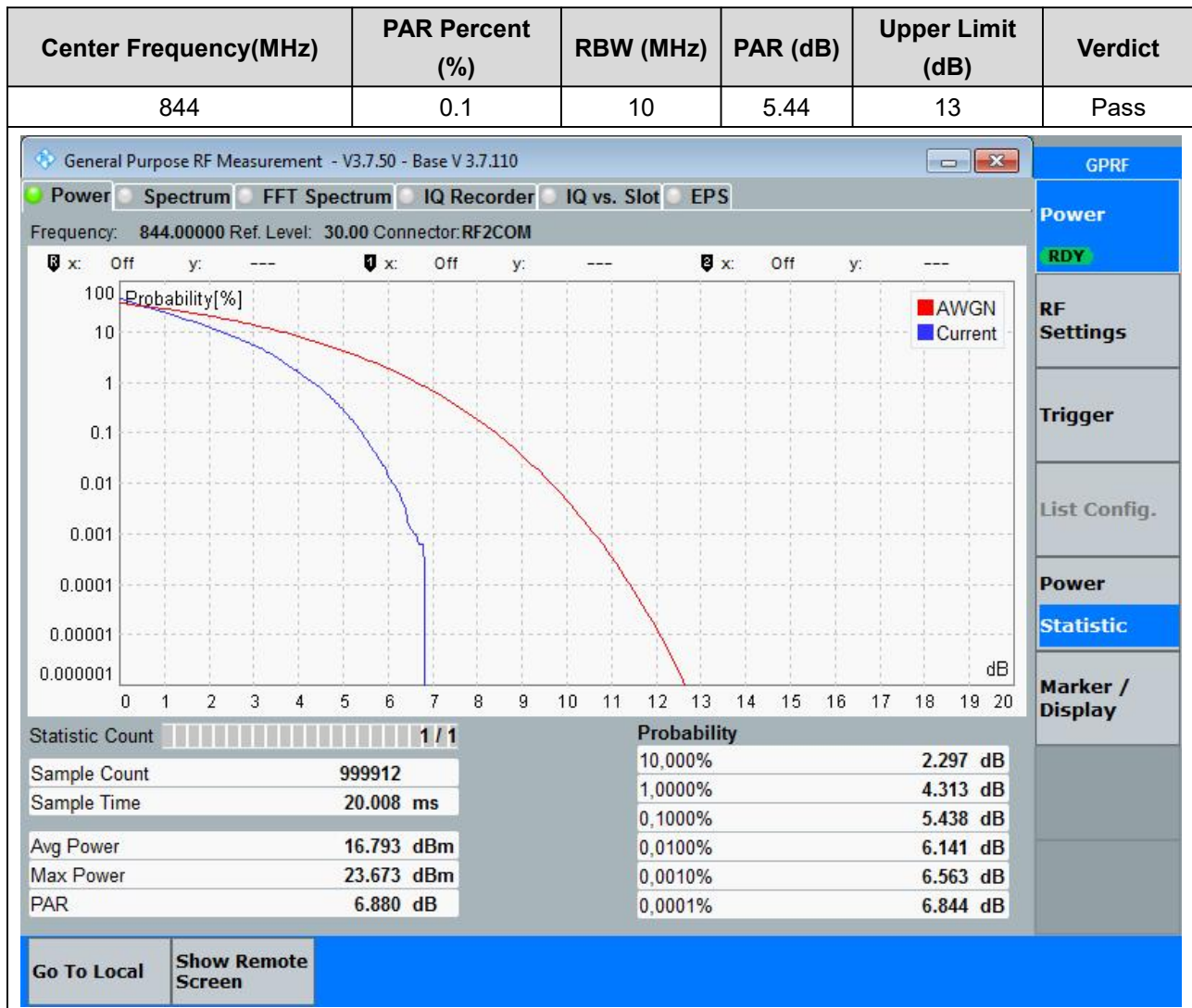
3.8. LTE Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



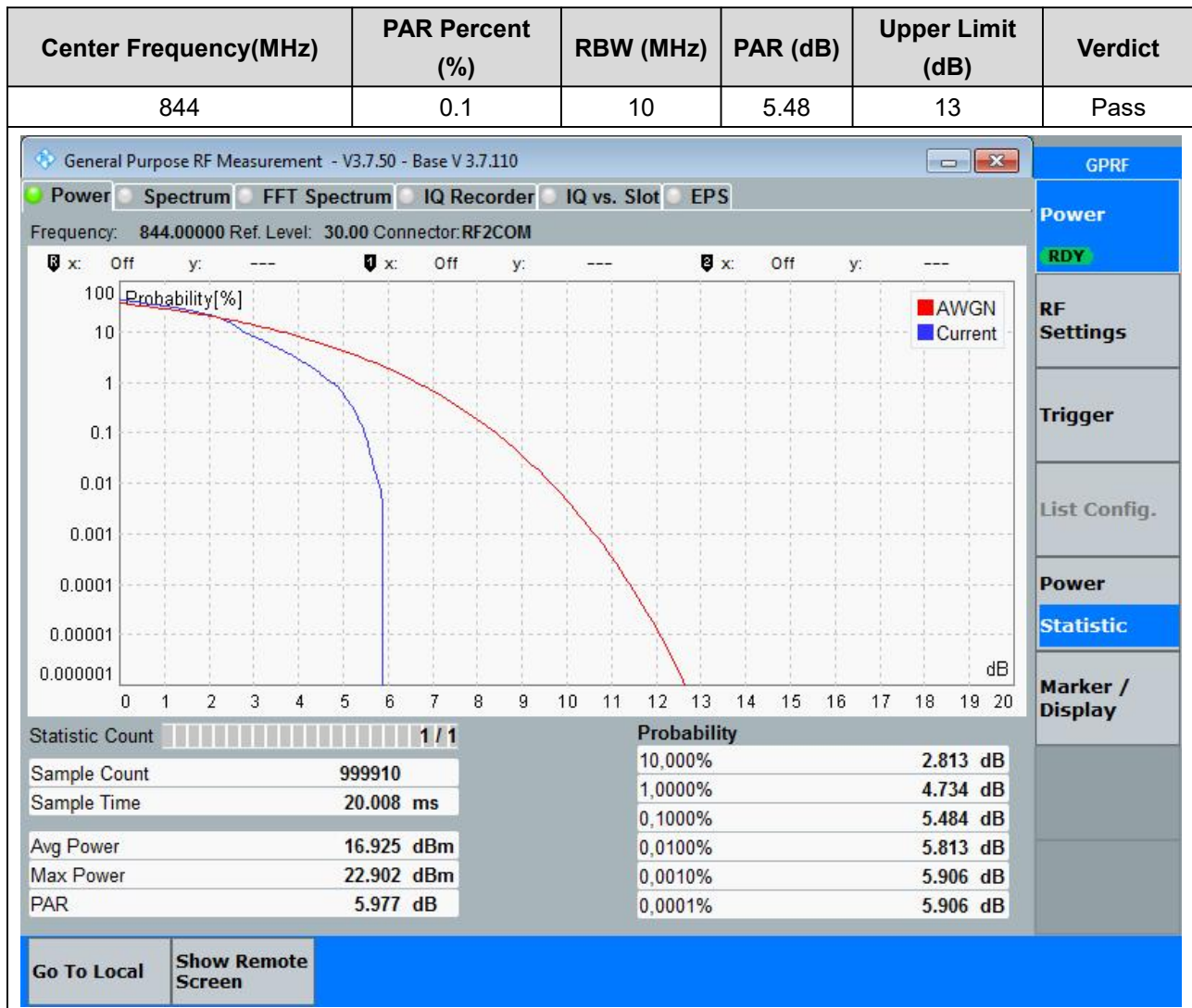
3.9. LTE Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)



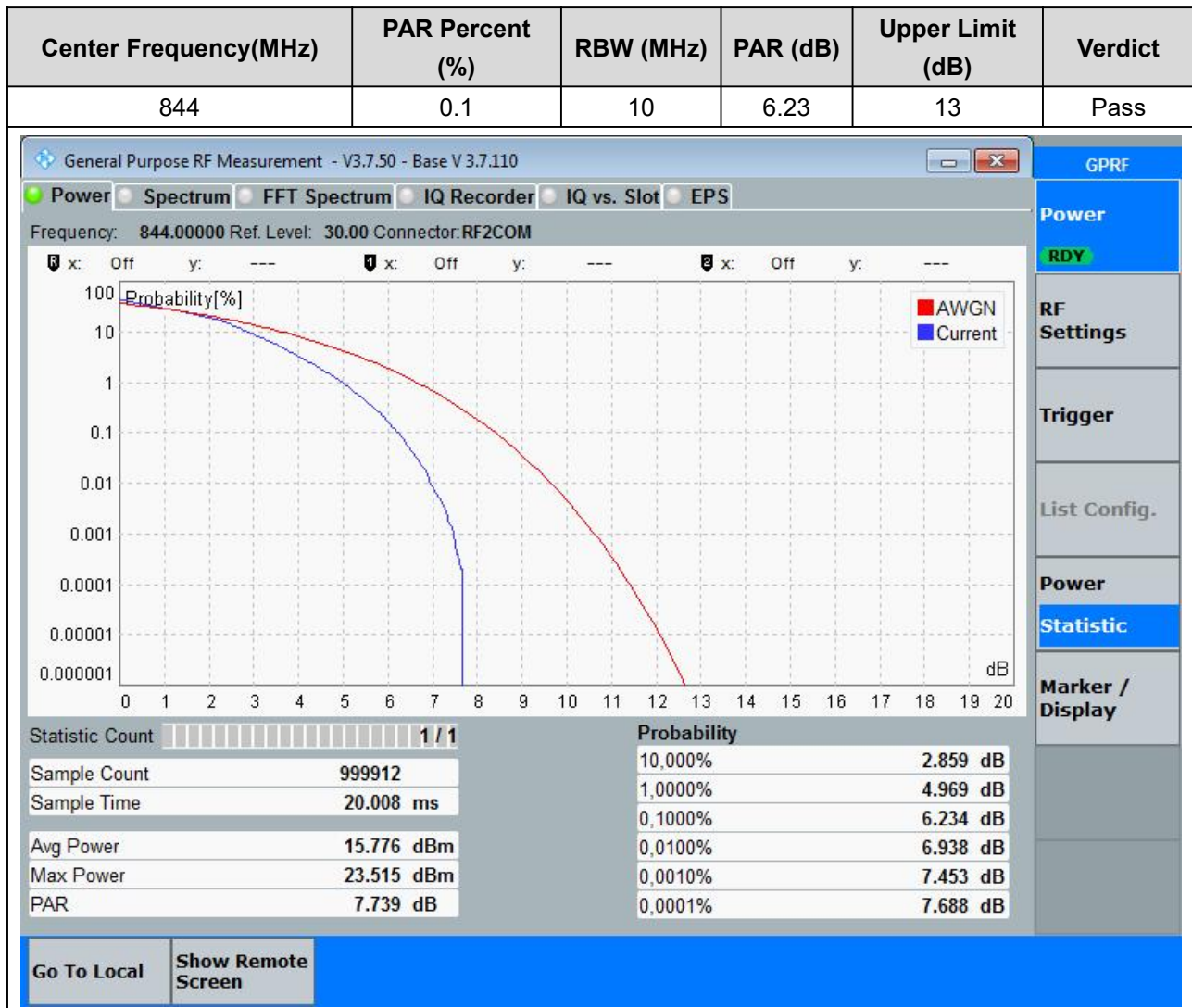
3.10. LTE Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



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



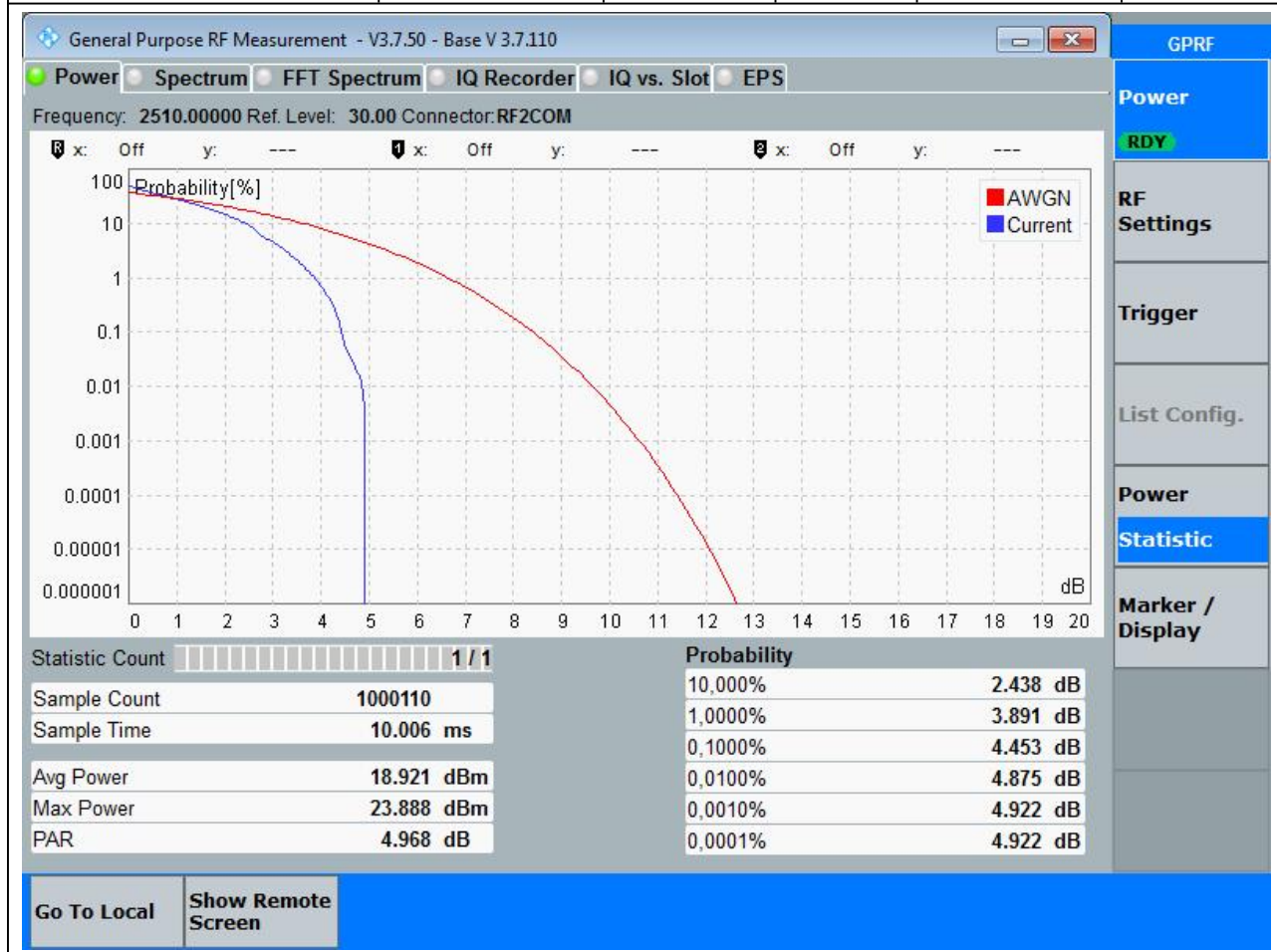
3.12. LTE Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)



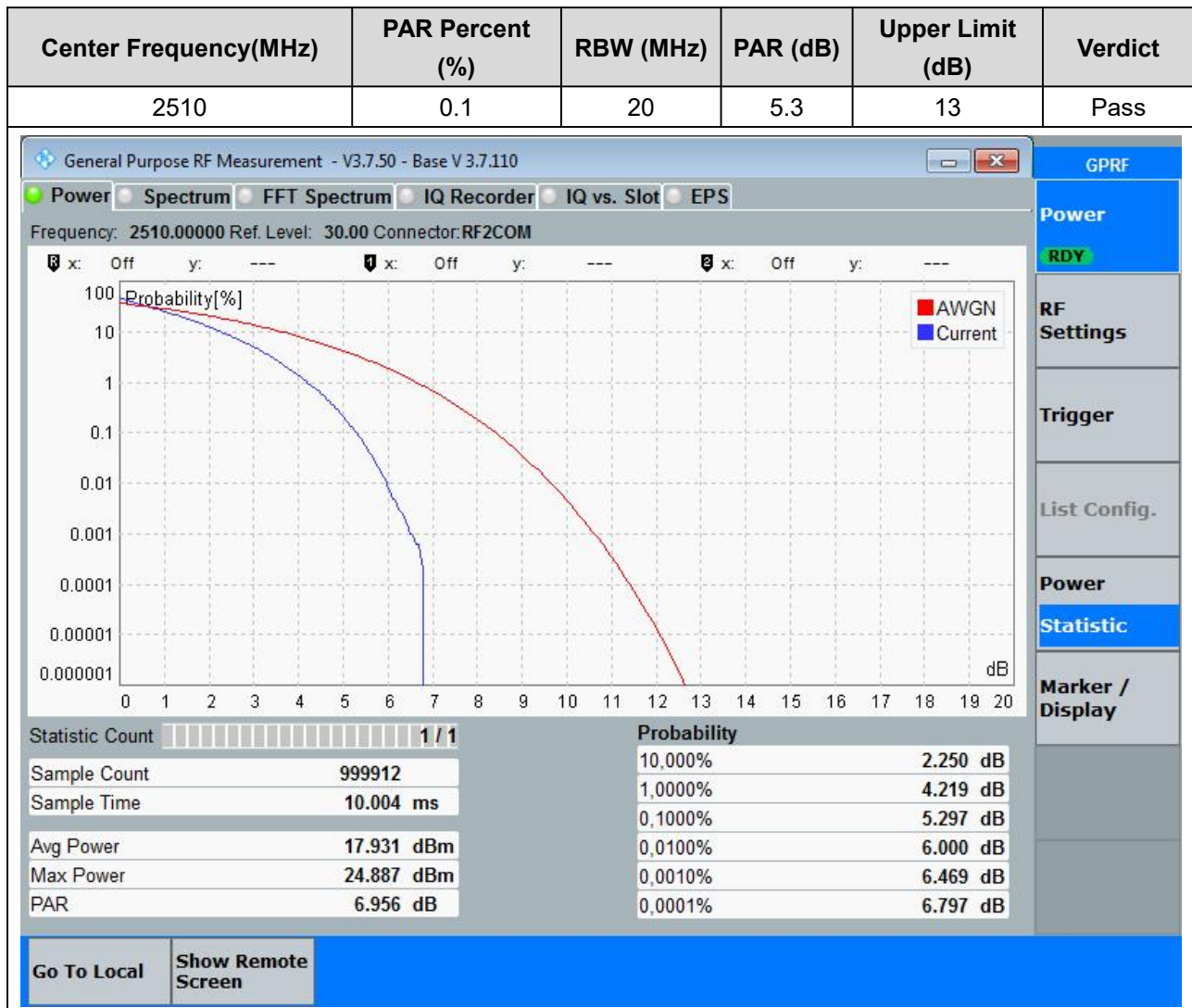
4. LTE_Band7

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

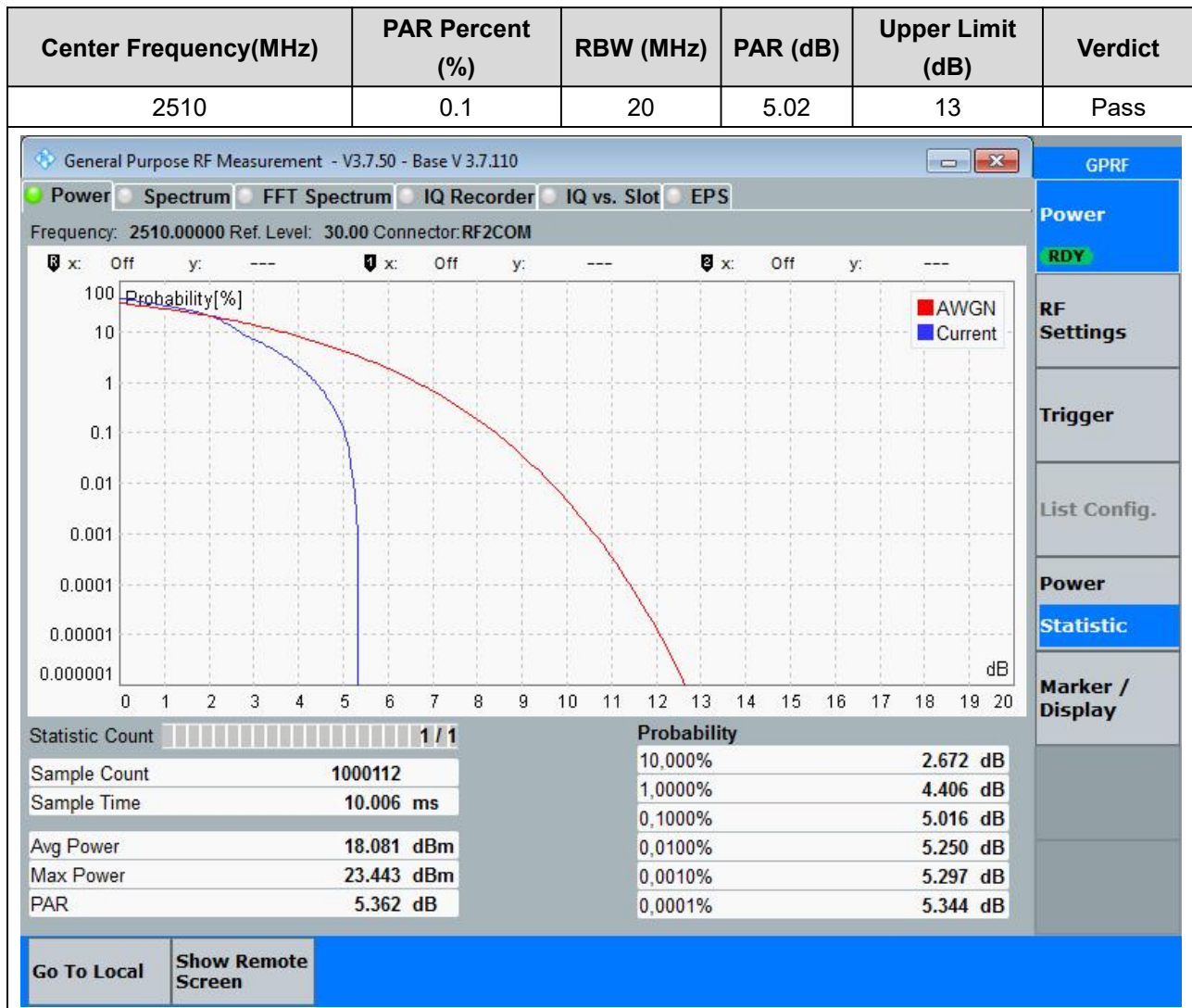
Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	20	4.45	13	Pass



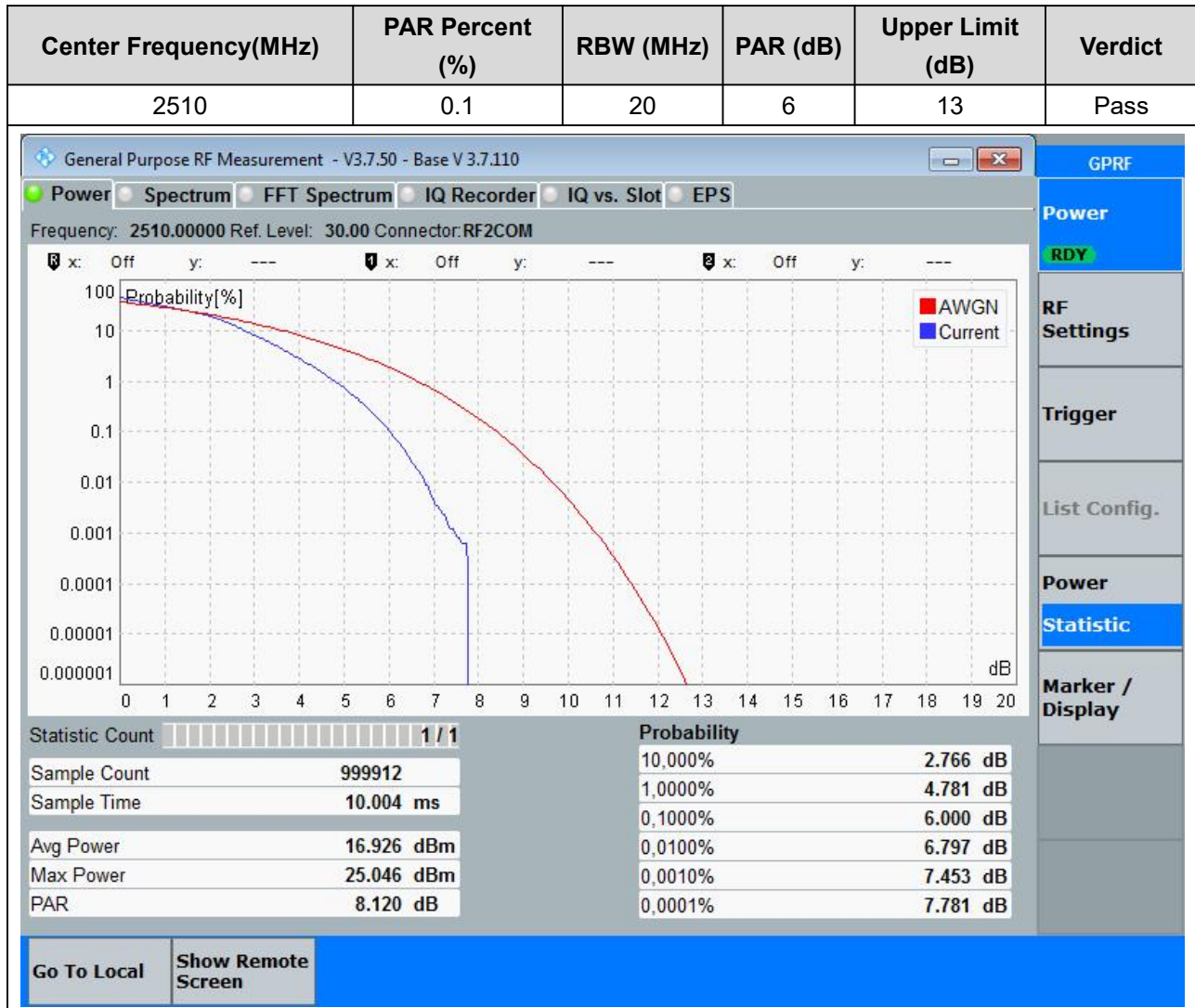
4.2. LTE Peak to Average Ratio_Part22-24-27(Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



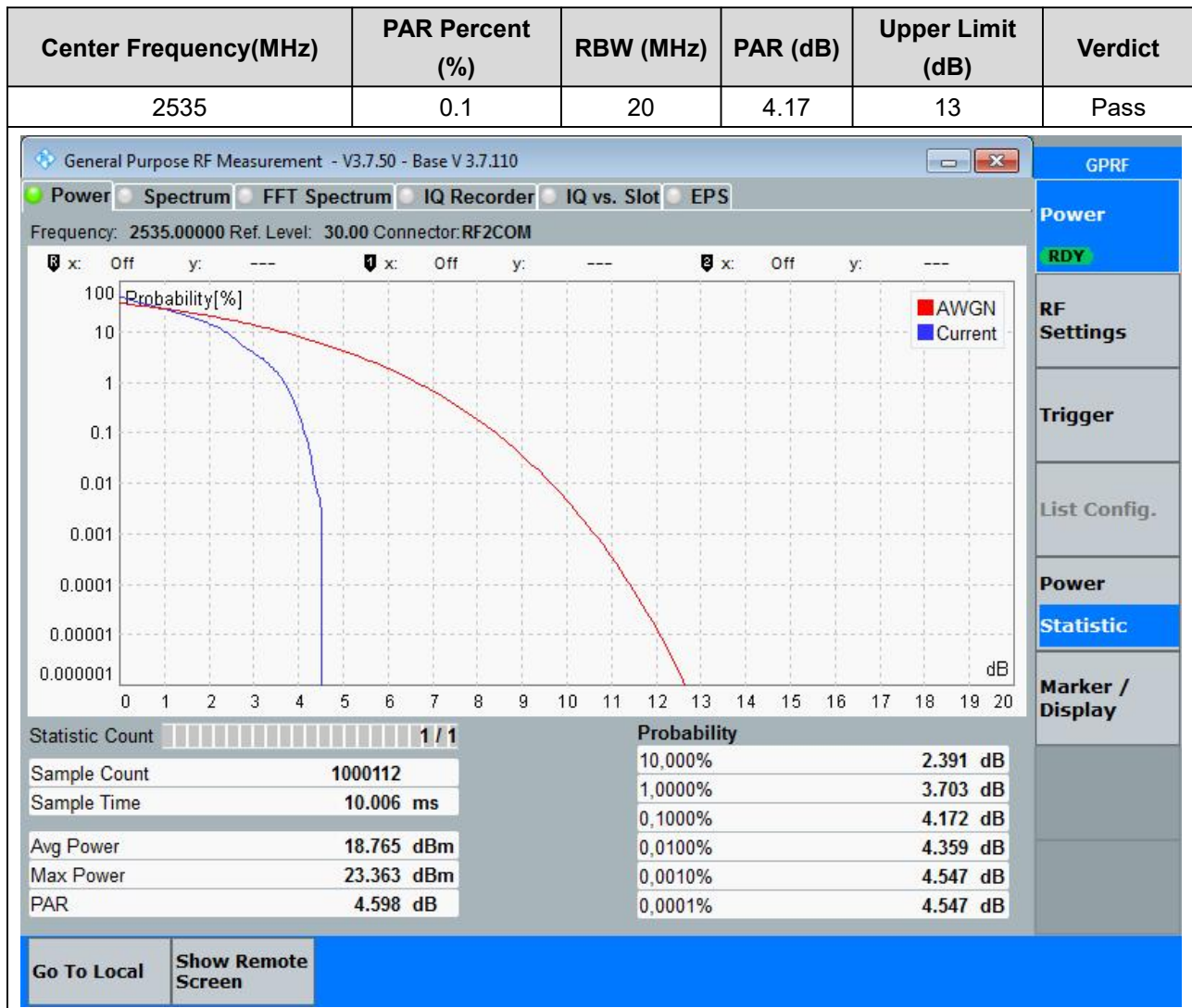
4.3. LTE Peak to Average Ratio_Part22-24-27(Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)



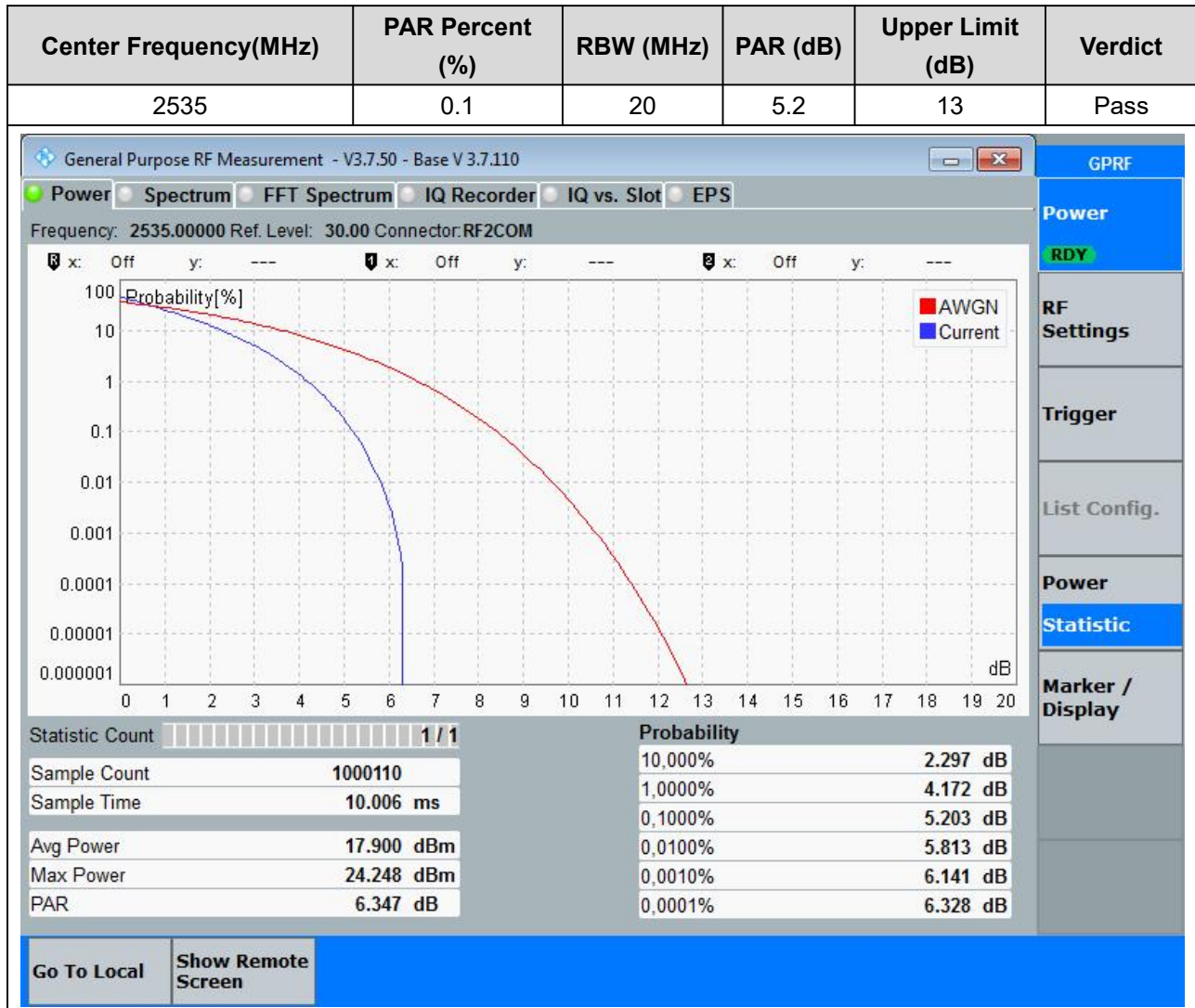
4.4. LTE Peak to Average Ratio_Part22-24-27(Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



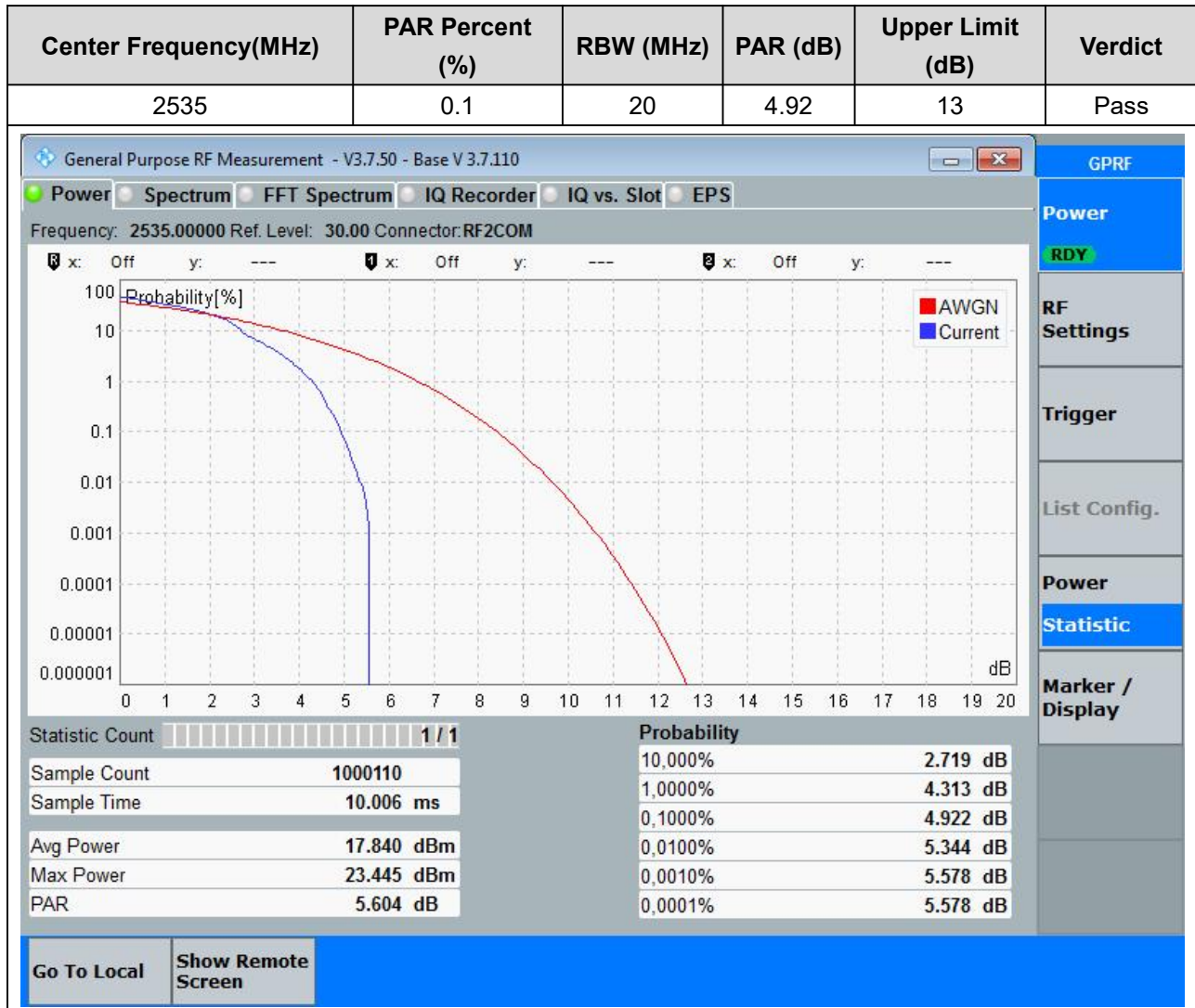
4.5. LTE Peak to Average Ratio_Part22-24-27(Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)



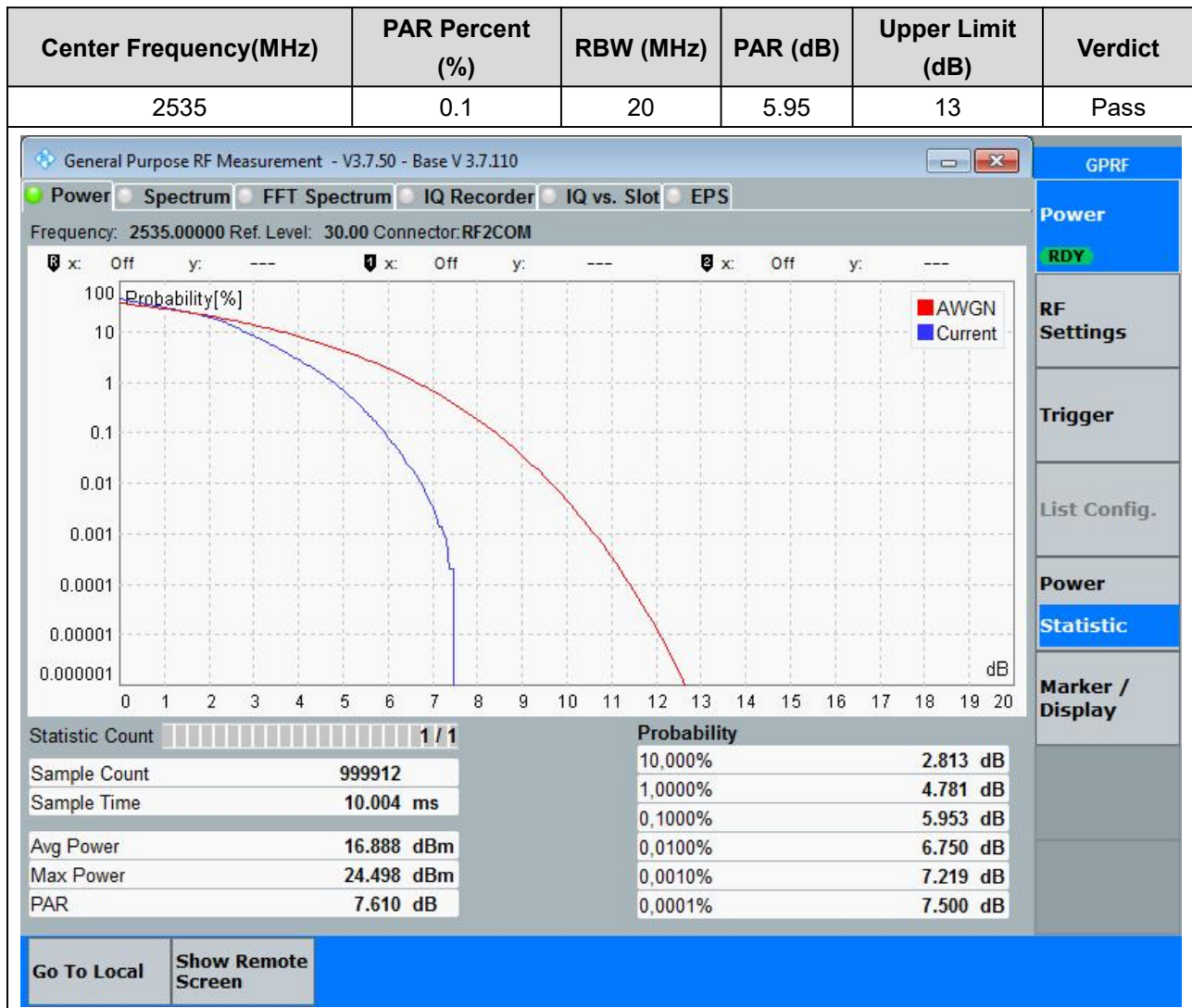
4.6. LTE Peak to Average Ratio_Part22-24-27(Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



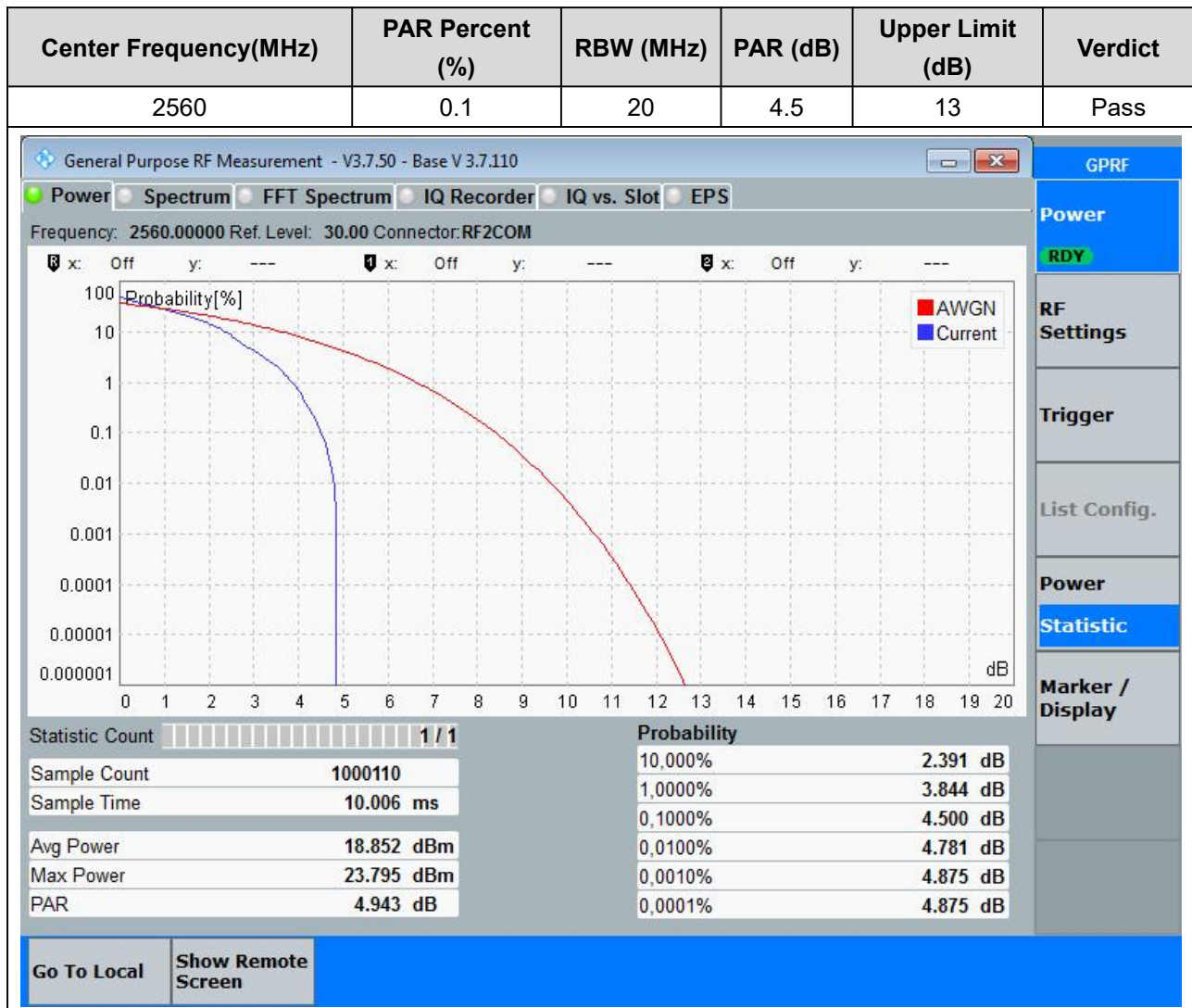
4.7. LTE Peak to Average Ratio_Part22-24-27(Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)



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



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



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

