

Peak to Average Ratio

CAT-M Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
CAT-M Band 2	20 MHz	LCH	QPSK	RB6#0	9.14	13	Pass
			16-QAM	RB5#0	9.37	13	Pass
		MCH	QPSK	RB6#0	9.19	13	Pass
			16-QAM	RB5#0	9.37	13	Pass
		HCH	QPSK	RB6#0	9	13	Pass
			16-QAM	RB5#0	9.14	13	Pass
CAT-M Band 4	20 MHz	LCH	QPSK	RB6#0	9.42	13	Pass
			16-QAM	RB5#0	9.66	13	Pass
		MCH	QPSK	RB6#0	9.47	13	Pass
			16-QAM	RB5#0	9.7	13	Pass
		HCH	QPSK	RB6#0	9.47	13	Pass
			16-QAM	RB5#0	9.66	13	Pass
CAT-M Band 5	10 MHz	LCH	QPSK	RB6#0	9.56	13	Pass
			16-QAM	RB5#0	9.89	13	Pass
		MCH	QPSK	RB6#0	9.8	13	Pass
			16-QAM	RB5#0	10.08	13	Pass
		HCH	QPSK	RB6#0	9.7	13	Pass
			16-QAM	RB5#0	9.98	13	Pass
CAT-M Band 12	10 MHz	LCH	QPSK	RB6#0	9.94	13	Pass
			16-QAM	RB5#0	10.31	13	Pass
		MCH	QPSK	RB6#0	9.94	13	Pass
			16-QAM	RB5#0	10.27	13	Pass
		HCH	QPSK	RB6#0	9.94	13	Pass
			16-QAM	RB5#0	10.31	13	Pass
CAT-M Band 13	10 MHz	MCH	QPSK	RB6#0	9.8	13	Pass
			16-QAM	RB5#0	10.12	13	Pass
CAT-M Band 14	10 MHz	MCH	QPSK	RB6#0	9.84	13	Pass
			16-QAM	RB5#0	10.27	13	Pass
CAT-M Band 18 (part22)	5 MHz	LCH	QPSK	RB6#0	9.84	13	Pass
			16-QAM	RB5#0	10.59	13	Pass
		MCH	QPSK	RB6#0	9.7	13	Pass
			16-QAM	RB5#0	10.5	13	Pass
		HCH	QPSK	RB6#0	9.7	13	Pass
			16-QAM	RB5#0	10.45	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
CAT-M Band 18 (part90)	5 MHz	LCH	QPSK	RB6#0	9.84	13	Pass
			16-QAM	RB5#0	10.64	13	Pass
		MCH	QPSK	RB6#0	9.84	13	Pass
			16-QAM	RB5#0	10.55	13	Pass
		HCH	QPSK	RB6#0	9.8	13	Pass
			16-QAM	RB5#0	10.55	13	Pass
CAT-M Band 25	20 MHz	LCH	QPSK	RB6#0	9.05	13	Pass
			16-QAM	RB5#0	9.28	13	Pass
		MCH	QPSK	RB6#0	9.09	13	Pass
			16-QAM	RB5#0	9.28	13	Pass
		HCH	QPSK	RB6#0	8.91	13	Pass
			16-QAM	RB5#0	9.09	13	Pass
CAT-M Band 26 (part22)	15 MHz	LCH	QPSK	RB6#0	9.37	13	Pass
			16-QAM	RB5#0	9.66	13	Pass
		MCH	QPSK	RB6#0	9.47	13	Pass
			16-QAM	RB5#0	9.7	13	Pass
		HCH	QPSK	RB6#0	9.42	13	Pass
			16-QAM	RB5#0	9.66	13	Pass
CAT-M Band 26 (part90)	10 MHz	MCH	QPSK	RB6#0	9.84	13	Pass
			16-QAM	RB5#0	10.22	13	Pass
CAT-M Band 66	20 MHz	LCH	QPSK	RB6#0	9.52	13	Pass
			16-QAM	RB5#0	9.7	13	Pass
		MCH	QPSK	RB6#0	9.47	13	Pass
			16-QAM	RB5#0	9.7	13	Pass
		HCH	QPSK	RB6#0	9.52	13	Pass
			16-QAM	RB5#0	9.75	13	Pass
CAT-M Band 71	20 MHz	LCH	QPSK	RB6#0	9.52	13	Pass
			16-QAM	RB5#0	9.75	13	Pass
		MCH	QPSK	RB6#0	9.66	13	Pass
			16-QAM	RB5#0	9.94	13	Pass
		HCH	QPSK	RB6#0	9.66	13	Pass
			16-QAM	RB5#0	10.12	13	Pass
CAT-M Band 85	10 MHz	LCH	QPSK	RB6#0	10.03	13	Pass
			16-QAM	RB5#0	10.5	13	Pass
		MCH	QPSK	RB6#0	9.94	13	Pass
			16-QAM	RB5#0	10.22	13	Pass
		HCH	QPSK	RB6#0	9.94	13	Pass
			16-QAM	RB5#0	10.27	13	Pass

NB-IoT Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 2	3.75 KHz	BPSK	LCH	RB1#0	2.34	13	Pass
			MCH	RB1#0	3.60	13	Pass
			HCH	RB1#0	2.64	13	Pass
		QPSK	LCH	RB1#0	2.29	13	Pass
			MCH	RB1#0	2.16	13	Pass
			HCH	RB1#0	2.20	13	Pass
	15 KHz	BPSK	LCH	RB1#0	8.82	13	Pass
			MCH	RB1#0	9.58	13	Pass
			HCH	RB1#0	9.63	13	Pass
		QPSK	LCH	RB1#0	4.32	13	Pass
				RB12#0	4.16	13	Pass
			MCH	RB1#0	5.55	13	Pass
				RB12#0	3.88	13	Pass
			HCH	RB1#0	3.84	13	Pass
				RB12#0	3.75	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 4	3.75 KHz	BPSK	LCH	RB1#0	0.99	13	Pass
			MCH	RB1#0	0.68	13	Pass
			HCH	RB1#0	1.86	13	Pass
		QPSK	LCH	RB1#0	2.67	13	Pass
			MCH	RB1#0	2.19	13	Pass
			HCH	RB1#0	2.21	13	Pass
	15 KHz	BPSK	LCH	RB1#0	1.14	13	Pass
			MCH	RB1#0	1.20	13	Pass
			HCH	RB1#0	1.48	13	Pass
		QPSK	LCH	RB1#0	5.45	13	Pass
				RB12#0	4.58	13	Pass
			MCH	RB1#0	6.03	13	Pass
				RB12#0	4.25	13	Pass
			HCH	RB1#0	4.09	13	Pass
				RB12#0	4.48	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 5	3.75 KHz	BPSK	LCH	RB1#0	0.92	13	Pass
			MCH	RB1#0	1.21	13	Pass
			HCH	RB1#0	0.79	13	Pass
		QPSK	LCH	RB1#0	2.94	13	Pass
			MCH	RB1#0	2.90	13	Pass
			HCH	RB1#0	2.37	13	Pass
	15 KHz	BPSK	LCH	RB1#0	2.49	13	Pass
			MCH	RB1#0	0.93	13	Pass
			HCH	RB1#0	1.02	13	Pass
		QPSK	LCH	RB1#0	6.52	13	Pass
				RB12#0	4.28	13	Pass
			MCH	RB1#0	6.12	13	Pass
				RB12#0	4.02	13	Pass
			HCH	RB1#0	4.16	13	Pass
				RB12#0	4.17	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 12	3.75 KHz	BPSK	LCH	RB1#0	0.99	13	Pass
			MCH	RB1#0	1.21	13	Pass
			HCH	RB1#0	1.07	13	Pass
		QPSK	LCH	RB1#0	2.28	13	Pass
			MCH	RB1#0	2.04	13	Pass
			HCH	RB1#0	3.09	13	Pass
	15 KHz	BPSK	LCH	RB1#0	0.95	13	Pass
			MCH	RB1#0	1.08	13	Pass
			HCH	RB1#0	1.02	13	Pass
		QPSK	LCH	RB1#0	4.46	13	Pass
				RB12#0	4.40	13	Pass
			MCH	RB1#0	3.94	13	Pass
				RB12#0	4.24	13	Pass
			HCH	RB1#0	4.84	13	Pass
				RB12#0	4.30	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 13	3.75 KHz	BPSK	LCH	RB1#0	0.99	13	Pass
			MCH	RB1#0	1.23	13	Pass
			HCH	RB1#0	0.67	13	Pass
		QPSK	LCH	RB1#0	3.15	13	Pass
			MCH	RB1#0	2.71	13	Pass
			HCH	RB1#0	2.38	13	Pass
	15 KHz	BPSK	LCH	RB1#0	1.08	13	Pass
			MCH	RB1#0	1.08	13	Pass
			HCH	RB1#0	1.52	13	Pass
		QPSK	LCH	RB1#0	5.46	13	Pass
				RB12#0	4.44	13	Pass
			MCH	RB1#0	5.47	13	Pass
				RB12#0	4.15	13	Pass
			HCH	RB1#0	5.64	13	Pass
				RB12#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
NB-IoT Band 14	3.75 KHz	BPSK	LCH	RB1#0	1.09	13	Pass
			MCH	RB1#0	1.12	13	Pass
			HCH	RB1#0	0.83	13	Pass
		QPSK	LCH	RB1#0	2.95	13	Pass
			MCH	RB1#0	2.22	13	Pass
			HCH	RB1#0	3.01	13	Pass
	15 KHz	BPSK	LCH	RB1#0	1.06	13	Pass
			MCH	RB1#0	1.05	13	Pass
			HCH	RB1#0	1.05	13	Pass
		QPSK	LCH	RB1#0	5.88	13	Pass
				RB12#0	4.41	13	Pass
			MCH	RB1#0	4.11	13	Pass
				RB12#0	4.18	13	Pass
			HCH	RB1#0	5.79	13	Pass
				RB12#0	4.23	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 18 (part22)	3.75 KHz	BPSK	LCH	RB1#0	1.00	13	Pass
			MCH	RB1#0	1.01	13	Pass
			HCH	RB1#0	0.93	13	Pass
		QPSK	LCH	RB1#0	3.06	13	Pass
			MCH	RB1#0	2.81	13	Pass
			HCH	RB1#0	3.22	13	Pass
	15 KHz	BPSK	LCH	RB1#0	2.26	13	Pass
			MCH	RB1#0	2.90	13	Pass
			HCH	RB1#0	1.05	13	Pass
		QPSK	LCH	RB1#0	5.99	13	Pass
				RB12#0	4.30	13	Pass
			MCH	RB1#0	6.37	13	Pass
				RB12#0	4.26	13	Pass
			HCH	RB1#0	5.82	13	Pass
				RB12#0	4.22	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 18 (part90)	3.75 KHz	BPSK	LCH	RB1#0	0.80	13	Pass
			MCH	RB1#0	0.96	13	Pass
			HCH	RB1#0	0.93	13	Pass
		QPSK	LCH	RB1#0	2.97	13	Pass
			MCH	RB1#0	3.03	13	Pass
			HCH	RB1#0	2.79	13	Pass
	15 KHz	BPSK	LCH	RB1#0	1.06	13	Pass
			MCH	RB1#0	1.06	13	Pass
			HCH	RB1#0	1.06	13	Pass
		QPSK	LCH	RB1#0	6.35	13	Pass
				RB12#0	4.38	13	Pass
			MCH	RB1#0	6.42	13	Pass
				RB12#0	4.32	13	Pass
			HCH	RB1#0	5.92	13	Pass
				RB12#0	4.28	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 25	3.75 KHz	BPSK	LCH	RB1#0	1.52	13	Pass
			MCH	RB1#0	2.00	13	Pass
			HCH	RB1#0	1.10	13	Pass
		QPSK	LCH	RB1#0	2.96	13	Pass
			MCH	RB1#0	2.00	13	Pass
			HCH	RB1#0	2.70	13	Pass
	15 KHz	BPSK	LCH	RB1#0	2.16	13	Pass
			MCH	RB1#0	3.27	13	Pass
			HCH	RB1#0	2.75	13	Pass
		QPSK	LCH	RB1#0	5.70	13	Pass
				RB12#0	10.93	13	Pass
			MCH	RB1#0	4.26	13	Pass
				RB12#0	3.76	13	Pass
			HCH	RB1#0	6.18	13	Pass
				RB12#0	3.66	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 26 (part22)	3.75 KHz	BPSK	LCH	RB1#0	0.62	13	Pass
			MCH	RB1#0	0.97	13	Pass
			HCH	RB1#0	0.82	13	Pass
		QPSK	LCH	RB1#0	2.82	13	Pass
			MCH	RB1#0	2.34	13	Pass
			HCH	RB1#0	2.65	13	Pass
	15 KHz	BPSK	LCH	RB1#0	1.02	13	Pass
			MCH	RB1#0	1.03	13	Pass
			HCH	RB1#0	0.98	13	Pass
		QPSK	LCH	RB1#0	4.15	13	Pass
				RB12#0	4.37	13	Pass
			MCH	RB1#0	4.04	13	Pass
				RB12#0	4.38	13	Pass
			HCH	RB1#0	6.68	13	Pass
				RB12#0	4.15	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 26 (part90)	3.75 KHz	BPSK	LCH	RB1#0	0.75	13	Pass
			MCH	RB1#0	0.86	13	Pass
			HCH	RB1#0	0.97	13	Pass
		QPSK	LCH	RB1#0	2.21	13	Pass
			MCH	RB1#0	2.86	13	Pass
			HCH	RB1#0	2.27	13	Pass
	15 KHz	BPSK	LCH	RB1#0	0.99	13	Pass
			MCH	RB1#0	1.02	13	Pass
			HCH	RB1#0	1.01	13	Pass
		QPSK	LCH	RB1#0	4.18	13	Pass
				RB12#0	4.23	13	Pass
			MCH	RB1#0	5.27	13	Pass
				RB12#0	4.35	13	Pass
			HCH	RB1#0	4.19	13	Pass
				RB12#0	4.29	13	Pass

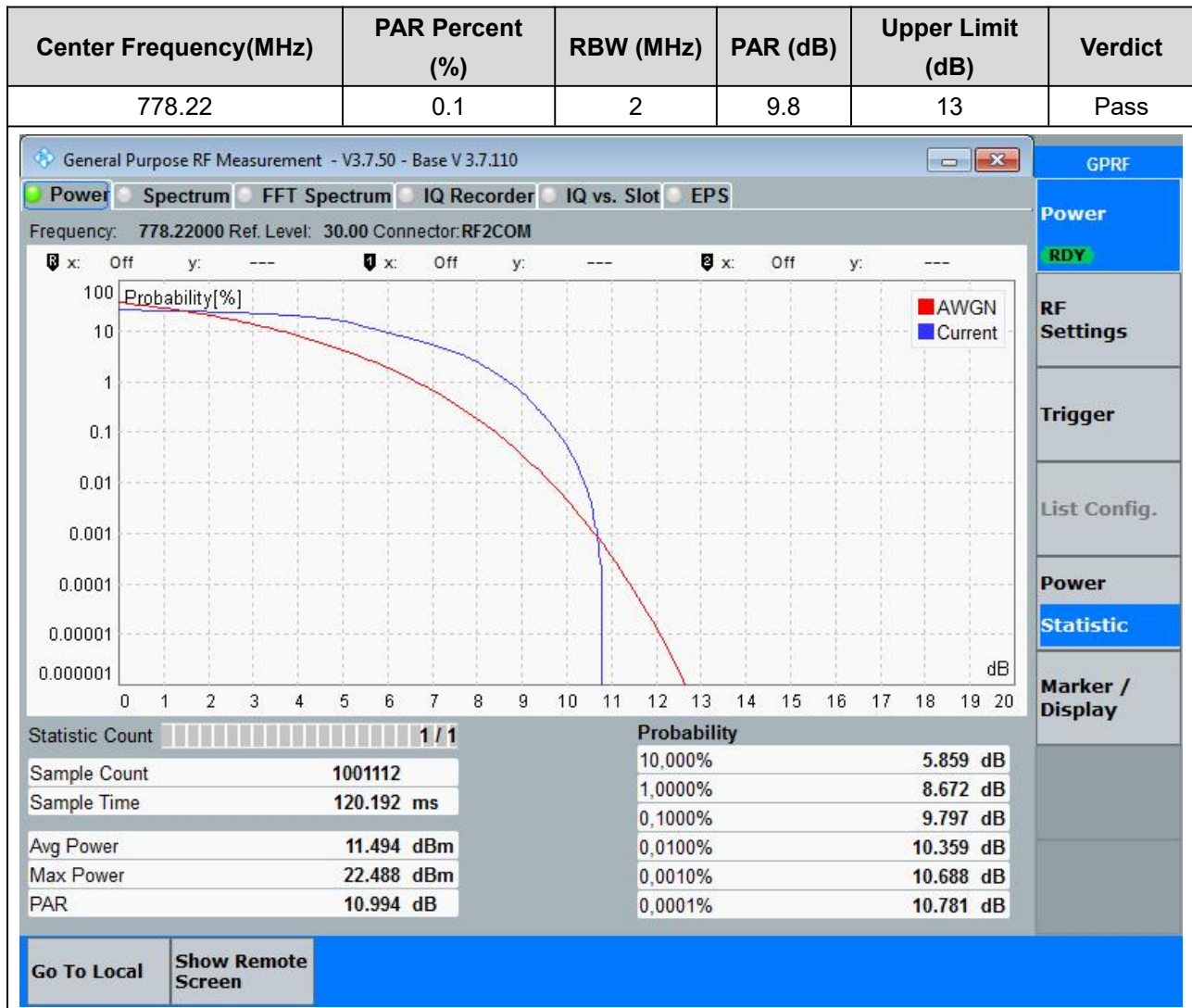
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 66	3.75 KHz	BPSK	LCH	RB1#0	0.64	13	Pass
			MCH	RB1#0	0.98	13	Pass
			HCH	RB1#0	1.14	13	Pass
		QPSK	LCH	RB1#0	3.08	13	Pass
			MCH	RB1#0	2.64	13	Pass
			HCH	RB1#0	2.99	13	Pass
	15 KHz	BPSK	LCH	RB1#0	1.49	13	Pass
			MCH	RB1#0	1.11	13	Pass
			HCH	RB1#0	1.21	13	Pass
		QPSK	LCH	RB1#0	5.34	13	Pass
				RB12#0	4.61	13	Pass
			MCH	RB1#0	6.24	13	Pass
				RB12#0	4.56	13	Pass
			HCH	RB1#0	6.48	13	Pass
				RB12#0	5.12	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 71	3.75 KHz	BPSK	LCH	RB1#0	1.00	13	Pass
			MCH	RB1#0	0.96	13	Pass
			HCH	RB1#0	1.07	13	Pass
		QPSK	LCH	RB1#0	2.78	13	Pass
			MCH	RB1#0	2.77	13	Pass
			HCH	RB1#0	2.79	13	Pass
	15 KHz	BPSK	LCH	RB1#0	1.31	13	Pass
			MCH	RB1#0	1.03	13	Pass
			HCH	RB1#0	0.98	13	Pass
		QPSK	LCH	RB1#0	6.51	13	Pass
				RB12#0	4.59	13	Pass
			MCH	RB1#0	5.79	13	Pass
				RB12#0	4.30	13	Pass
			HCH	RB1#0	6.48	13	Pass
				RB12#0	4.52	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
NB-IoT Band 85	3.75 KHz	BPSK	LCH	RB1#0	0.82	13	Pass
			MCH	RB1#0	0.80	13	Pass
			HCH	RB1#0	0.88	13	Pass
		QPSK	LCH	RB1#0	2.83	13	Pass
			MCH	RB1#0	2.79	13	Pass
			HCH	RB1#0	2.81	13	Pass
	15 KHz	BPSK	LCH	RB1#0	1.44	13	Pass
			MCH	RB1#0	0.98	13	Pass
			HCH	RB1#0	0.96	13	Pass
		QPSK	LCH	RB1#0	6.72	13	Pass
				RB12#0	4.50	13	Pass
			MCH	RB1#0	6.05	13	Pass
				RB12#0	4.32	13	Pass
			HCH	RB1#0	5.95	13	Pass
				RB12#0	4.41	13	Pass

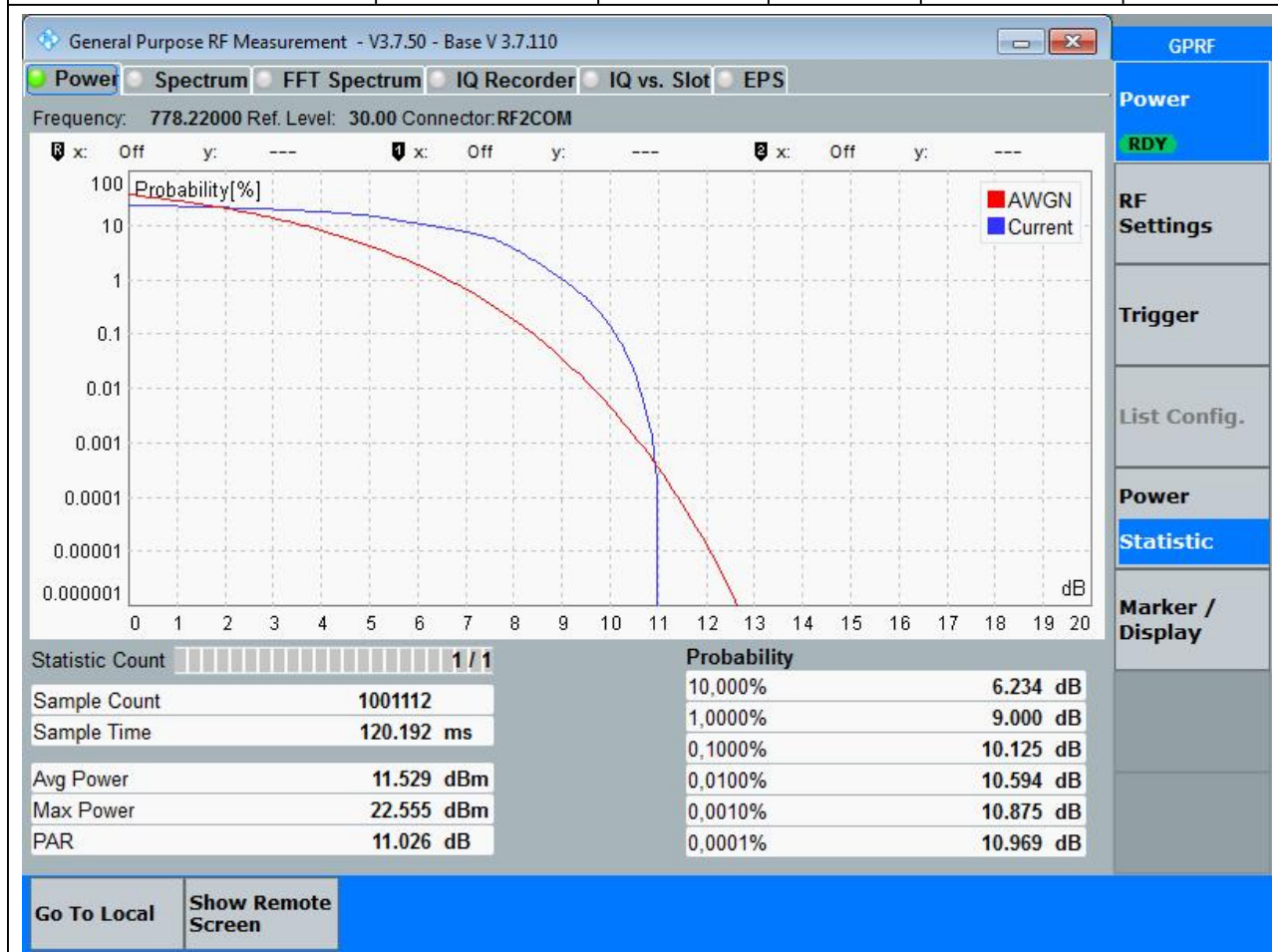
1. Cat-M_Band13

1.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23230, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



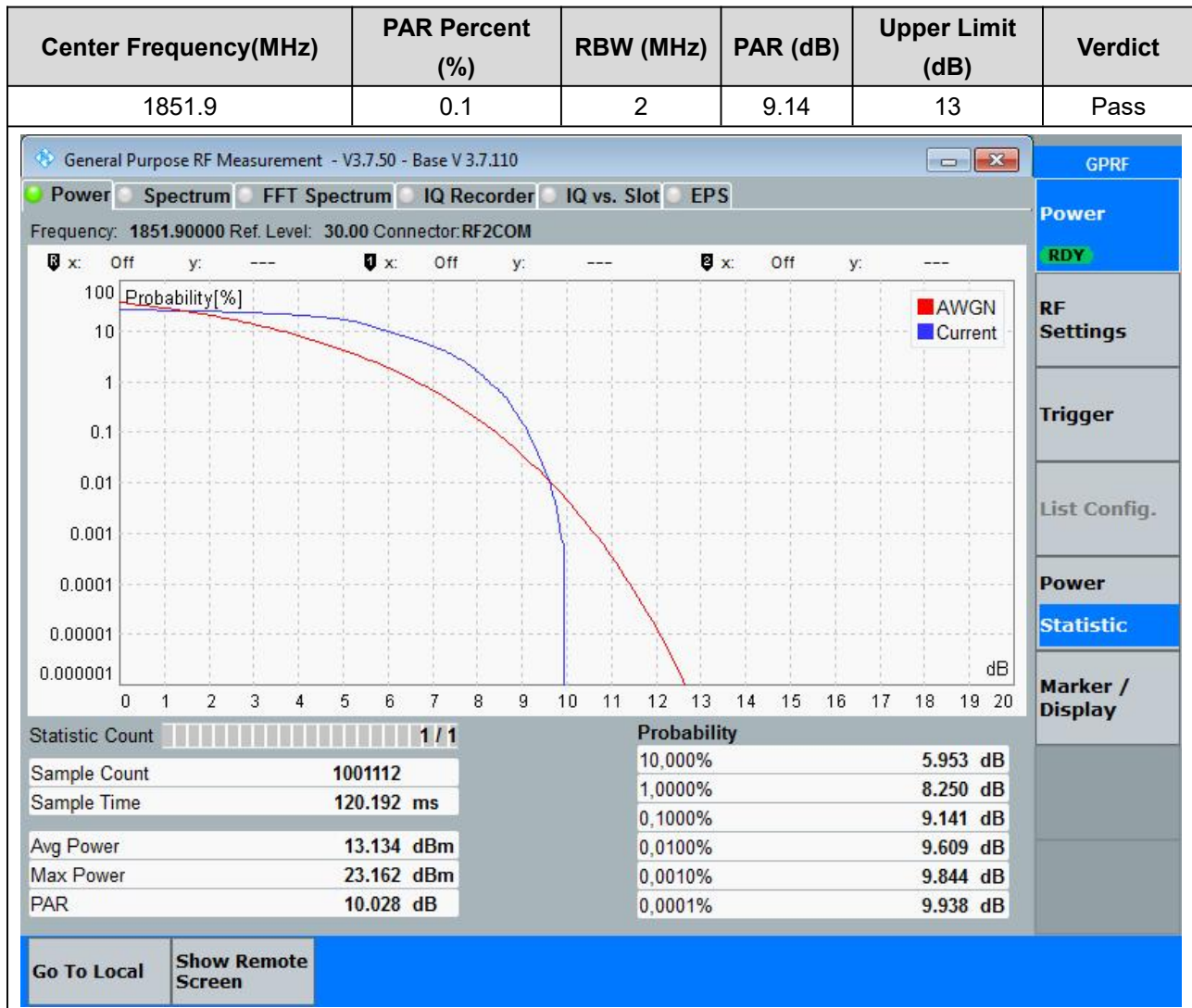
1.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23230, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
778.22	0.1	2	10.12	13	Pass



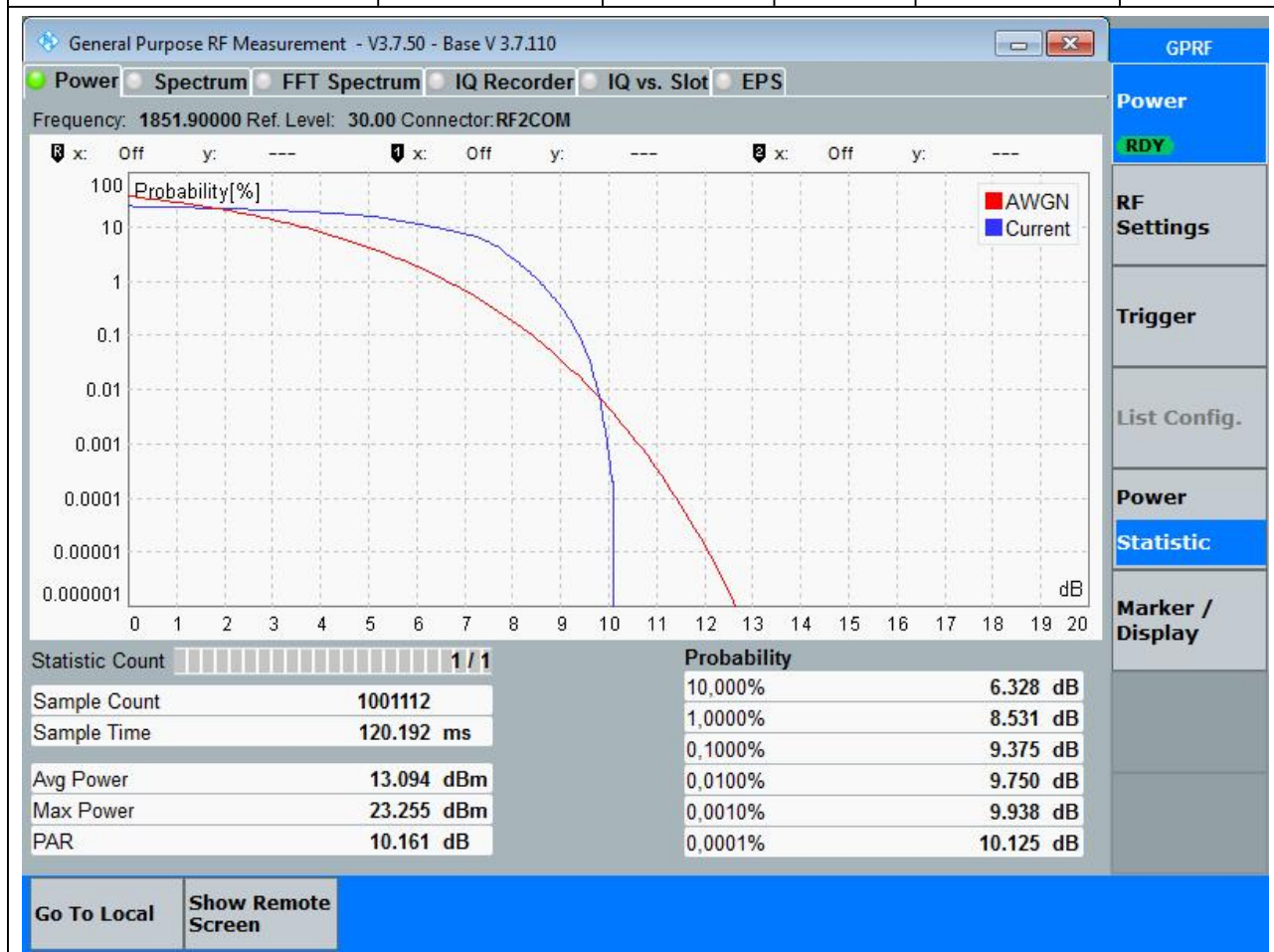
2. Cat-M_Band2

2.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



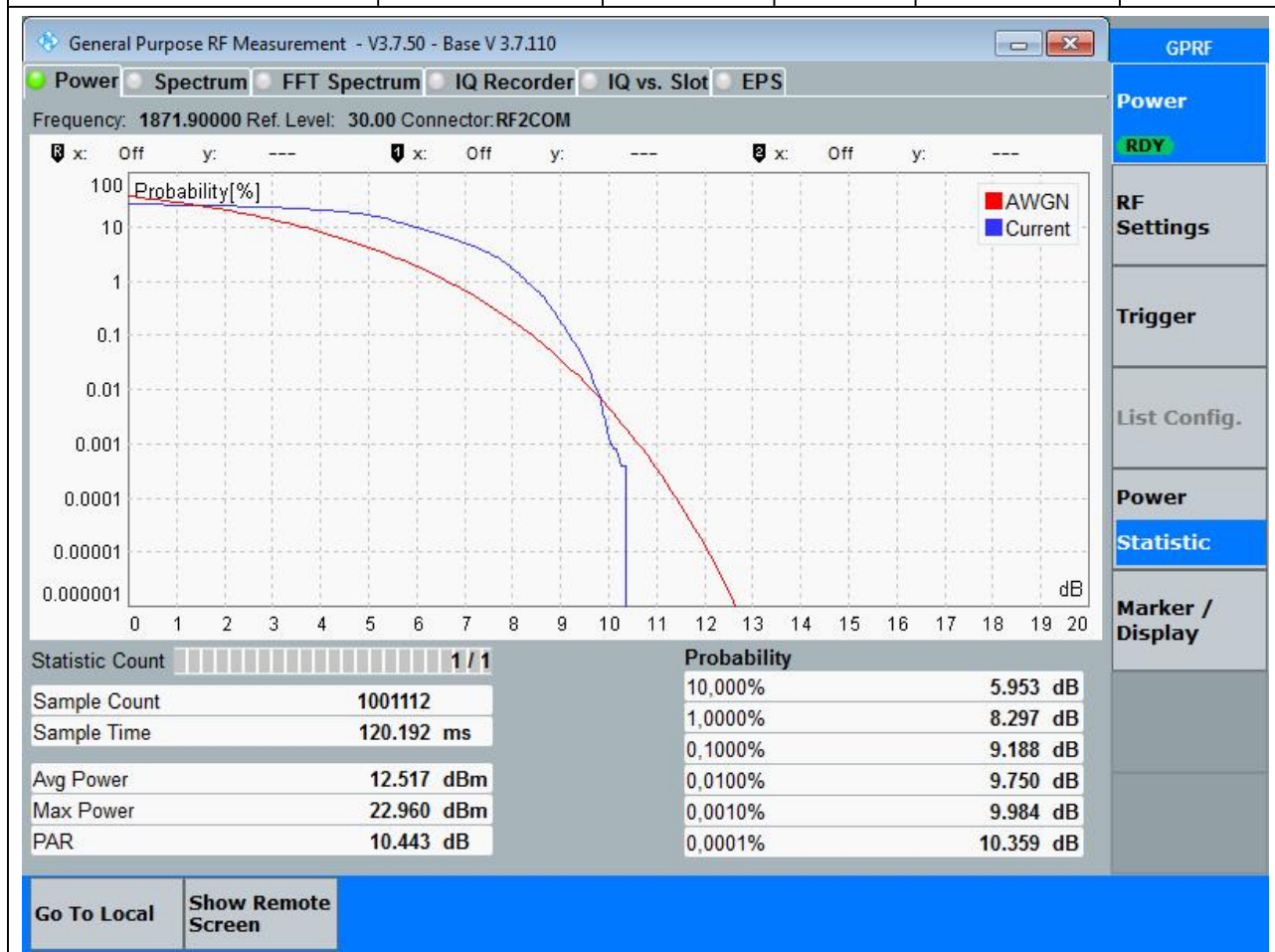
2.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:18700, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1851.9	0.1	2	9.37	13	Pass



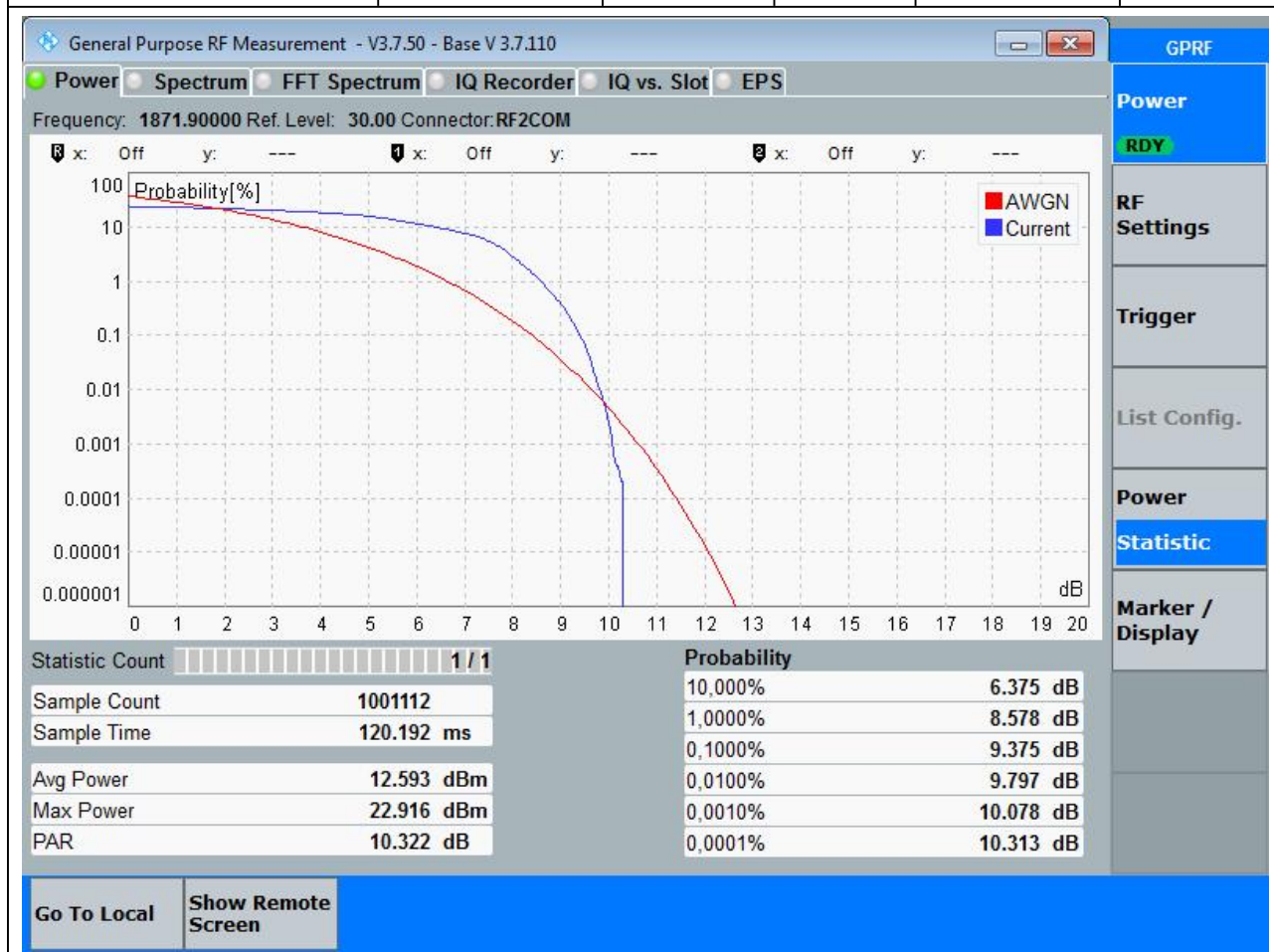
2.3. Cat-M Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1871.9	0.1	2	9.19	13	Pass



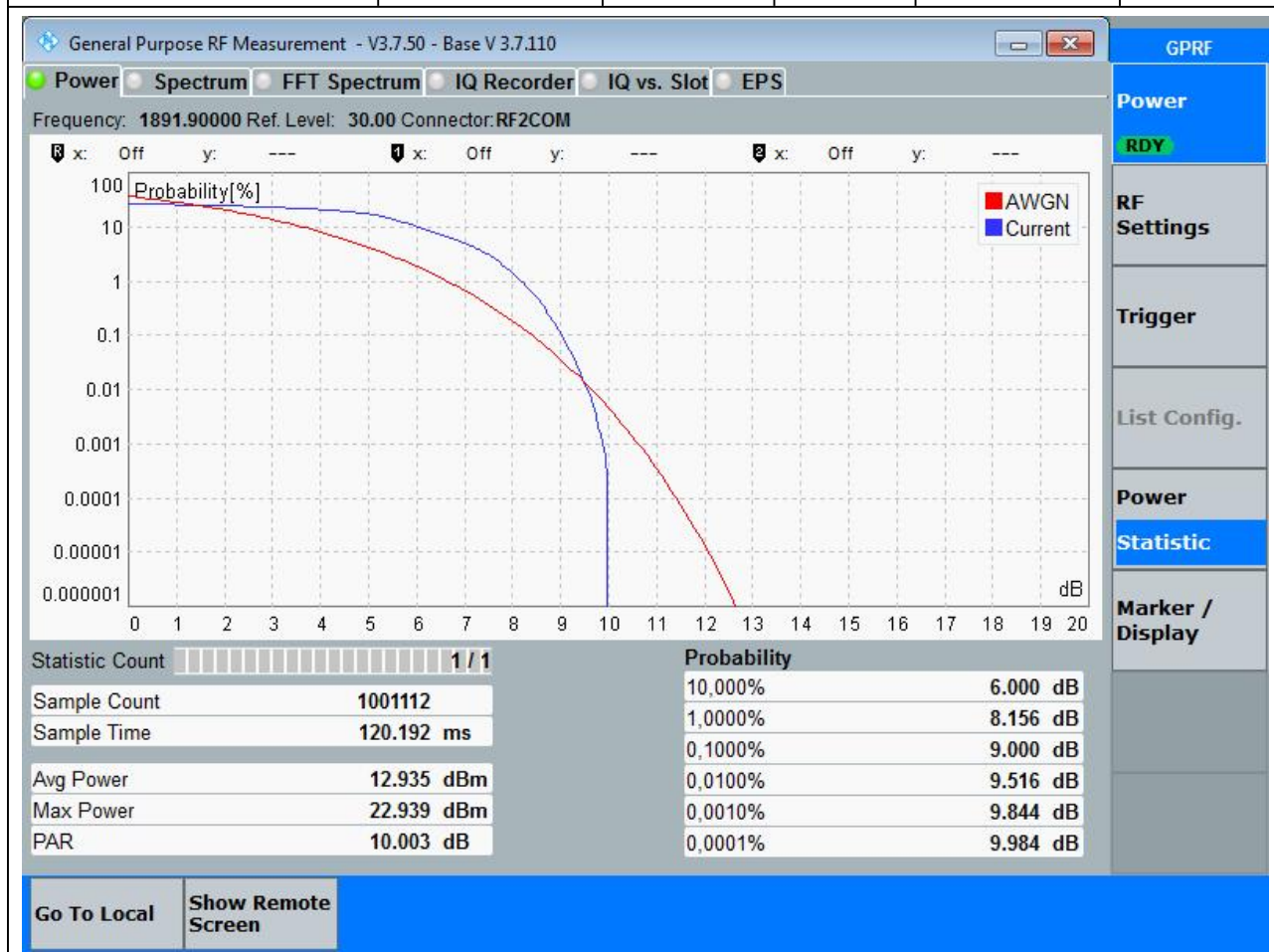
2.4. Cat-M Peak to Average Ratio_Part22-24-27(Channel:18900, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1871.9	0.1	2	9.37	13	Pass



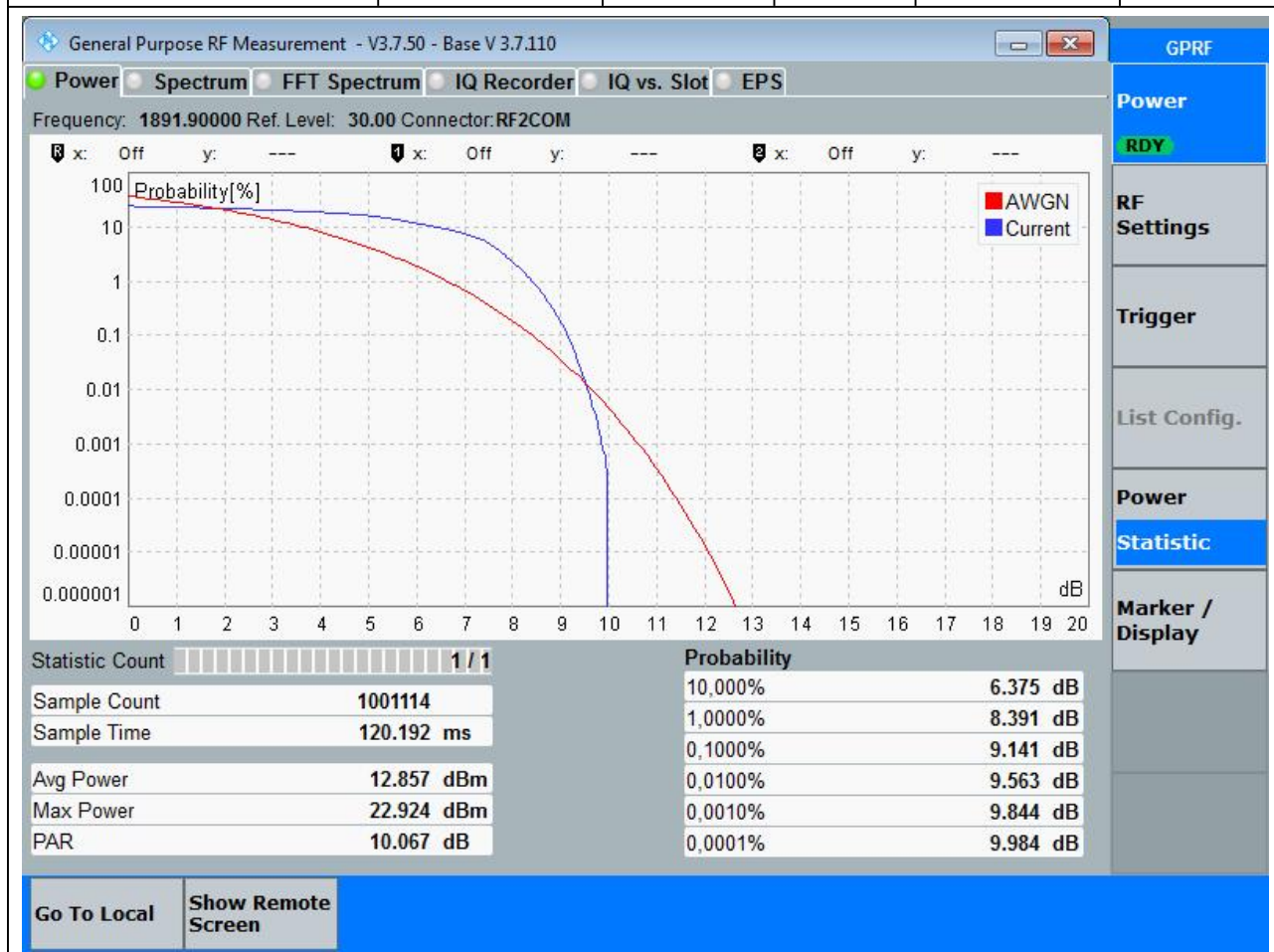
2.5. Cat-M Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1891.9	0.1	2	9	13	Pass



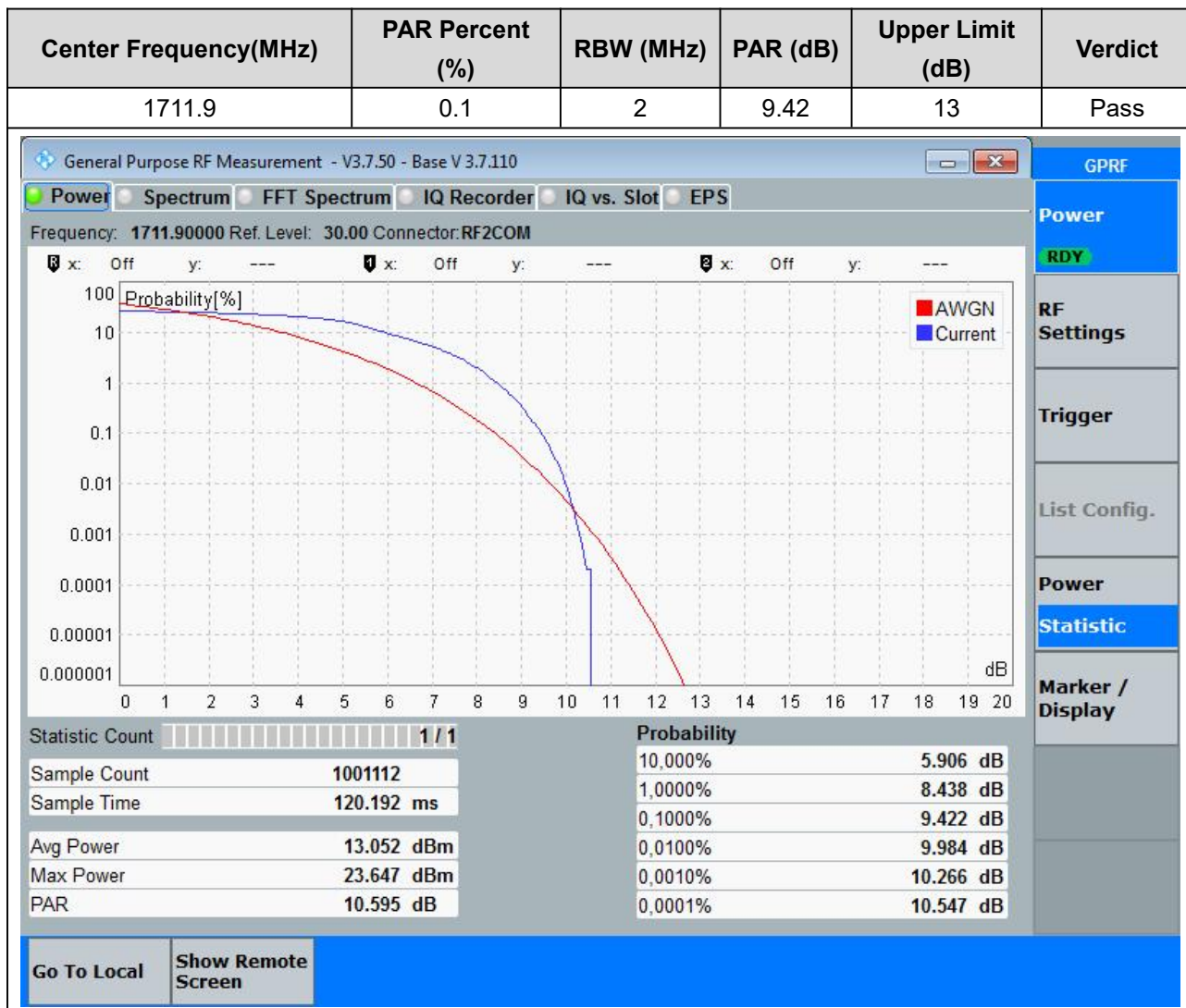
2.6. Cat-M Peak to Average Ratio_Part22-24-27(Channel:19100, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1891.9	0.1	2	9.14	13	Pass



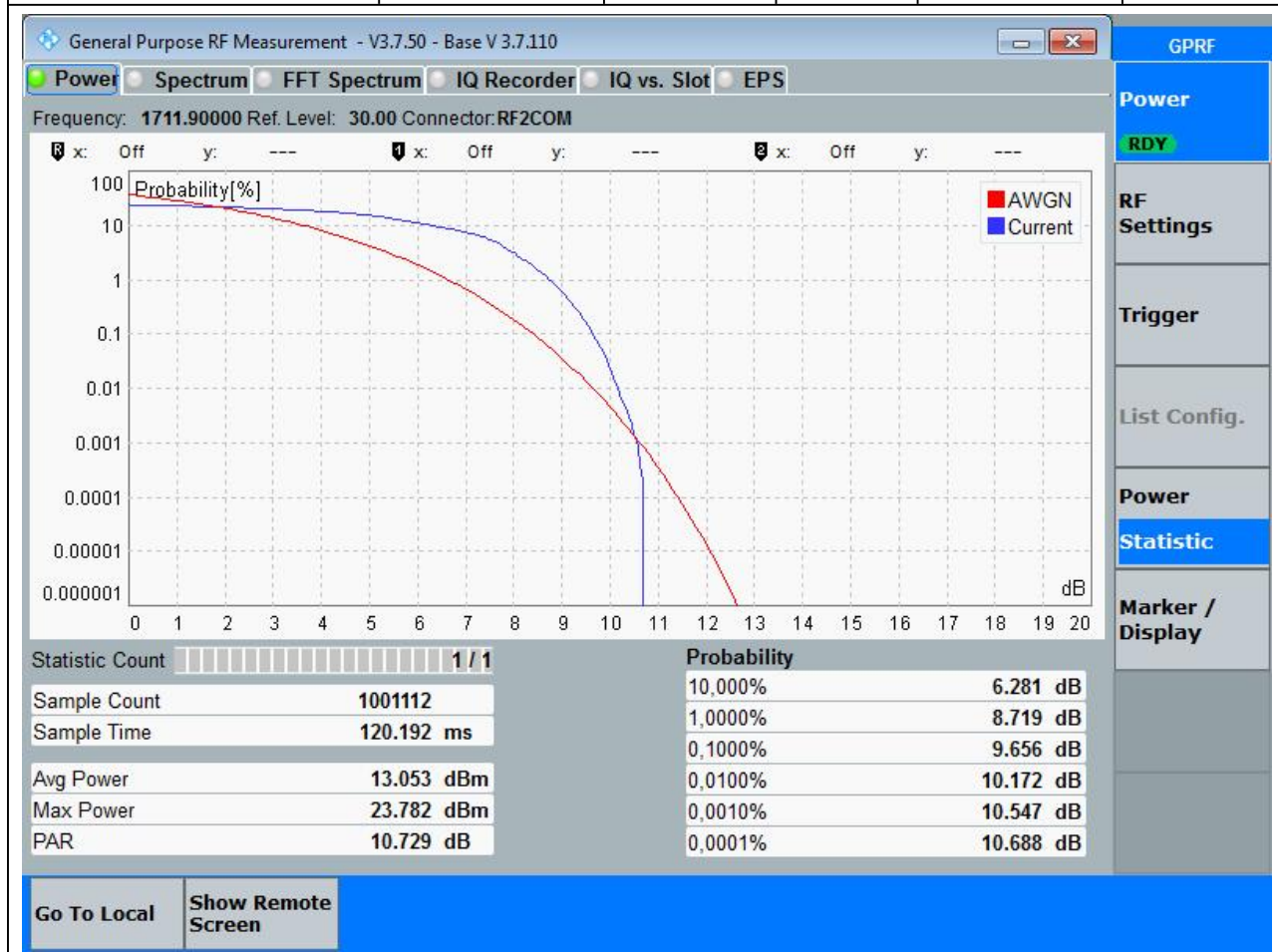
3. Cat-M_Band4

3.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



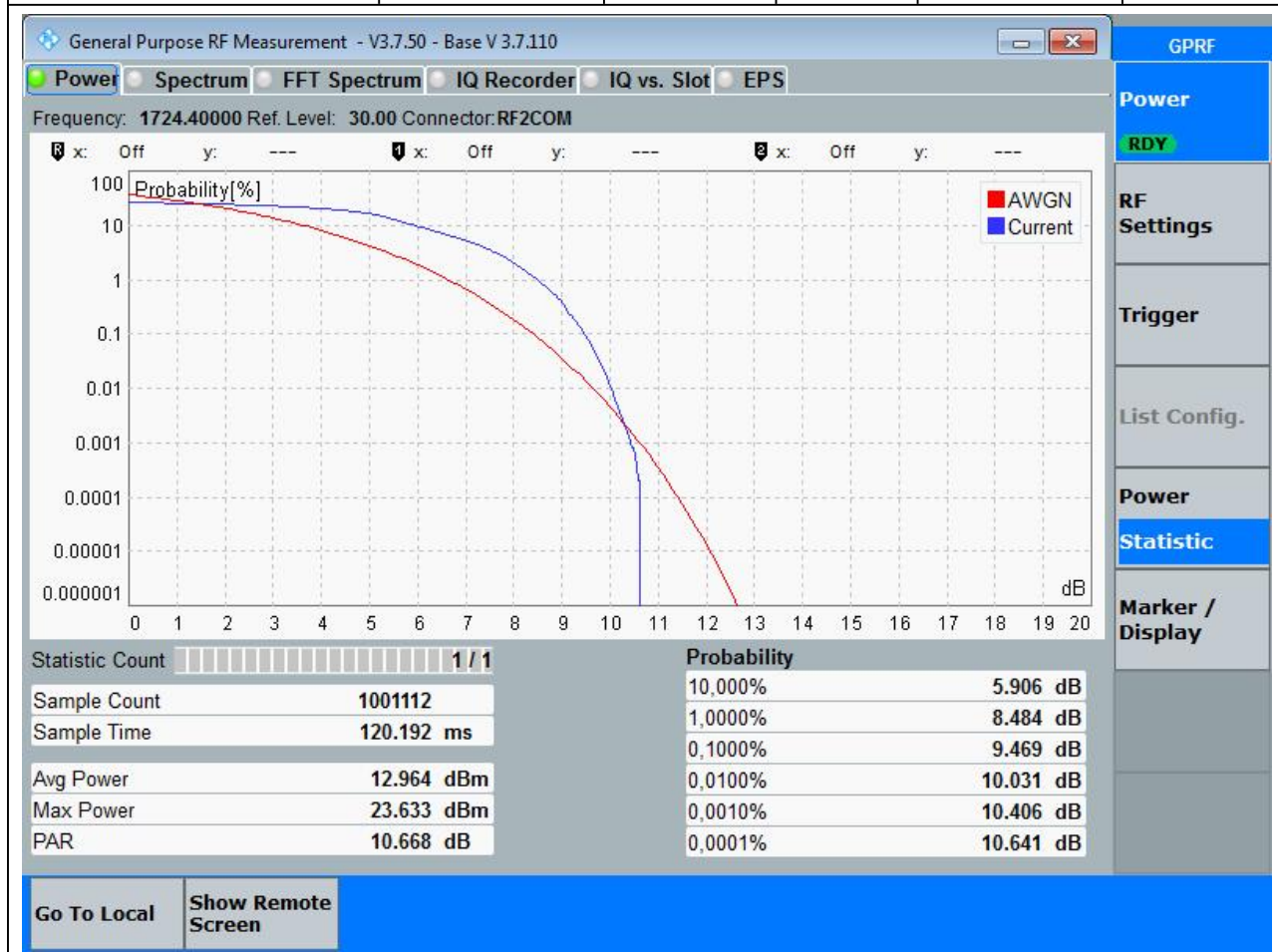
3.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20050, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1711.9	0.1	2	9.66	13	Pass



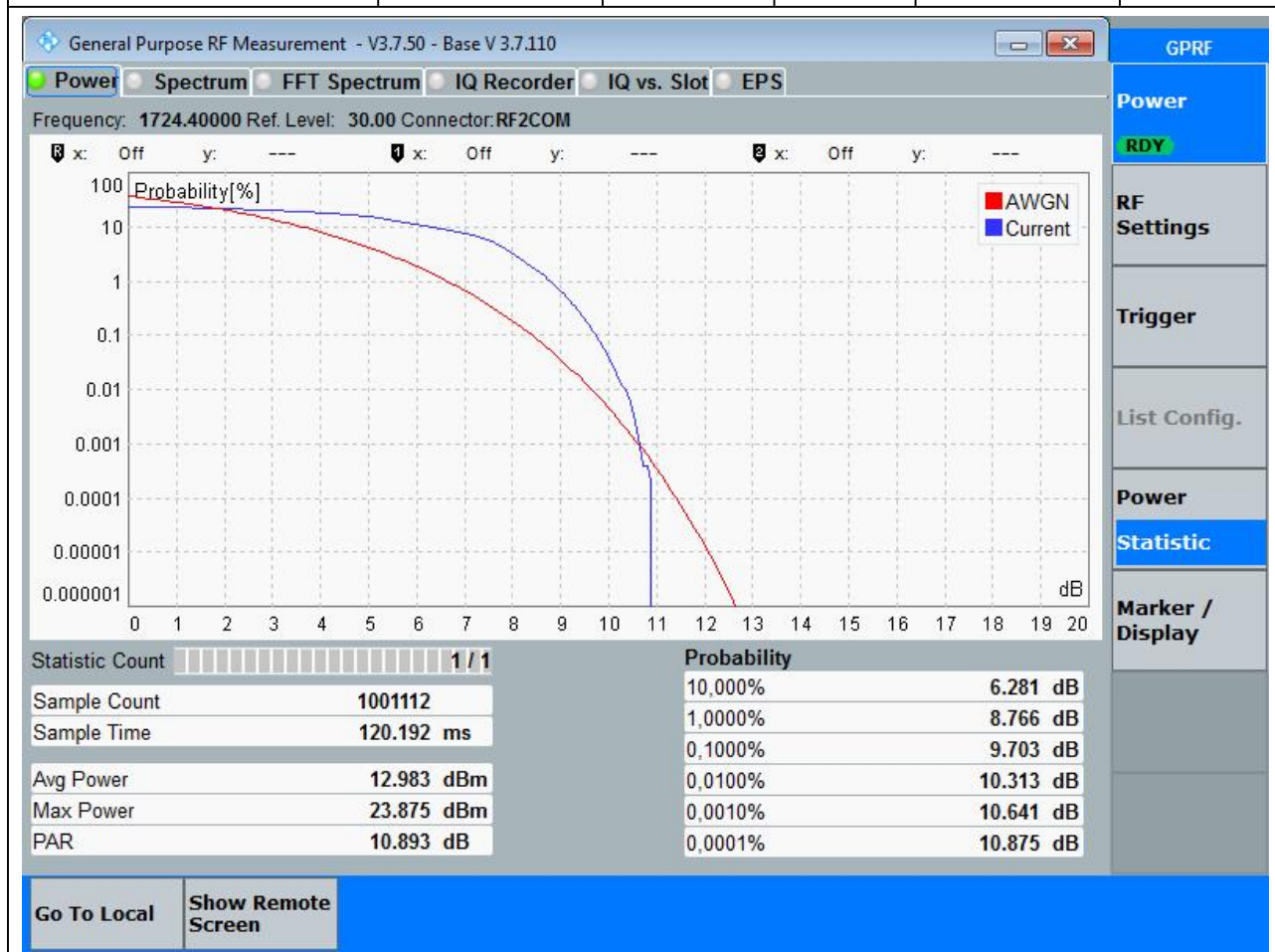
3.3. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1724.4	0.1	2	9.47	13	Pass



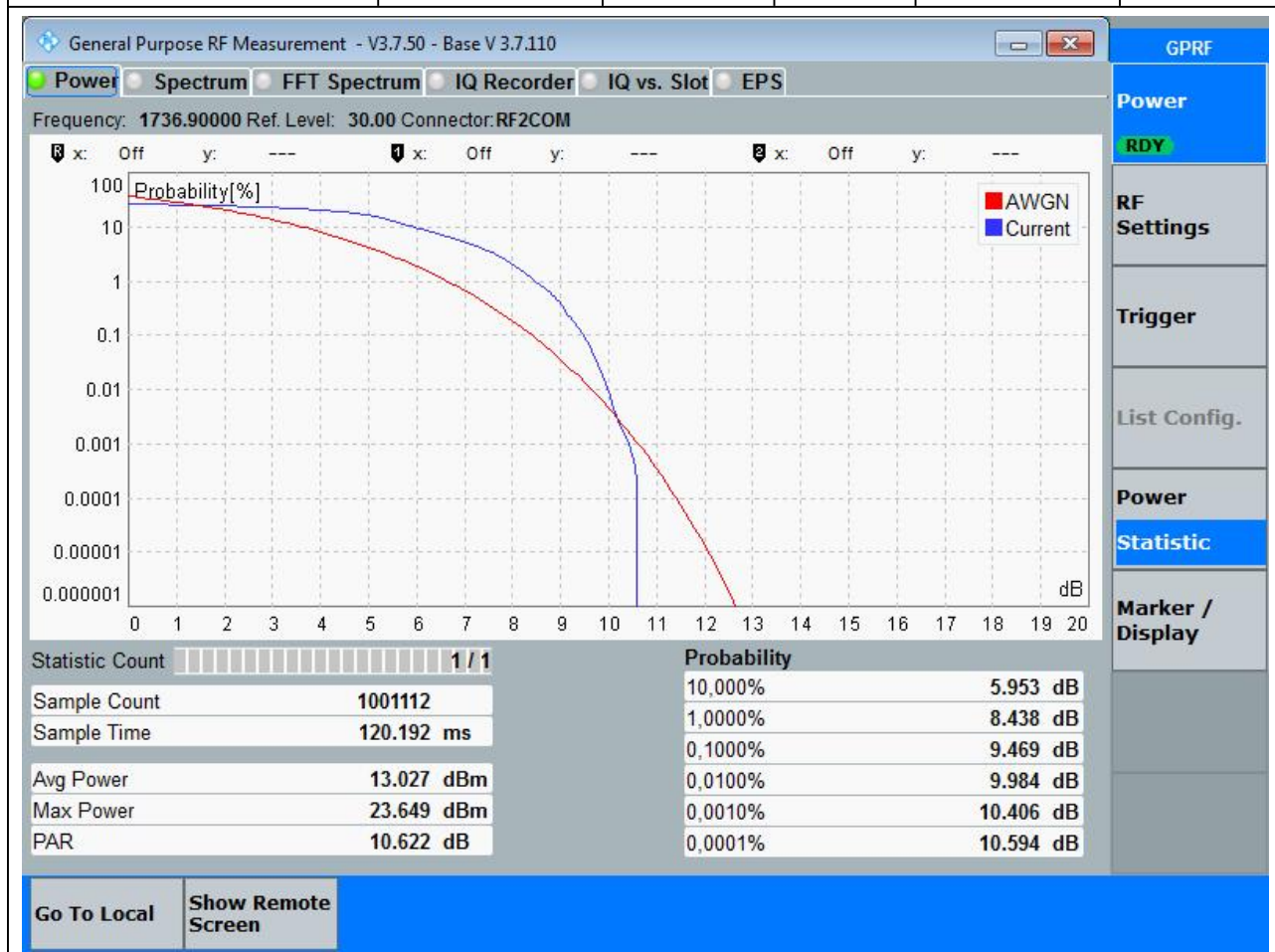
3.4. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20175, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1724.4	0.1	2	9.7	13	Pass



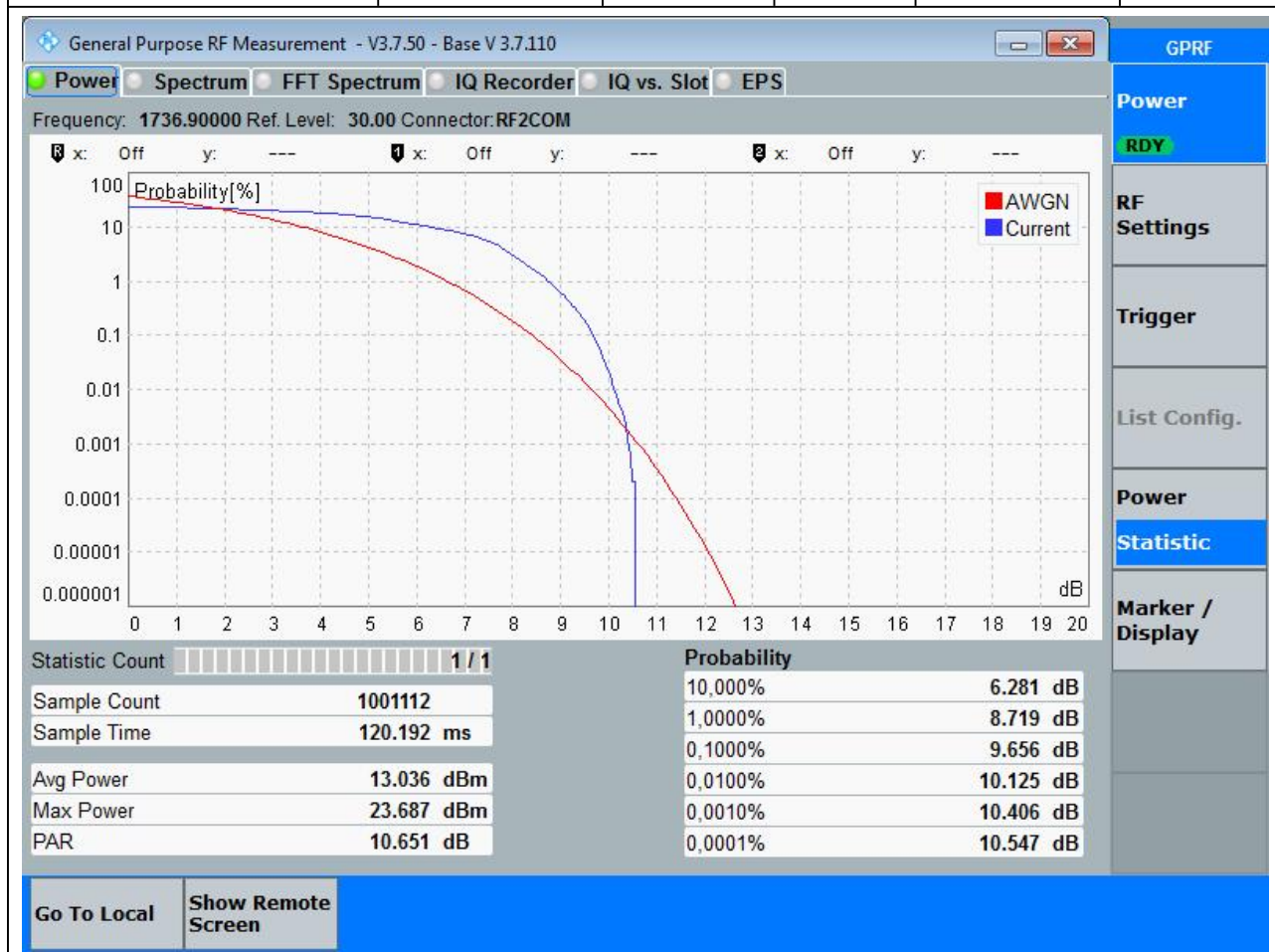
3.5. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1736.9	0.1	2	9.47	13	Pass



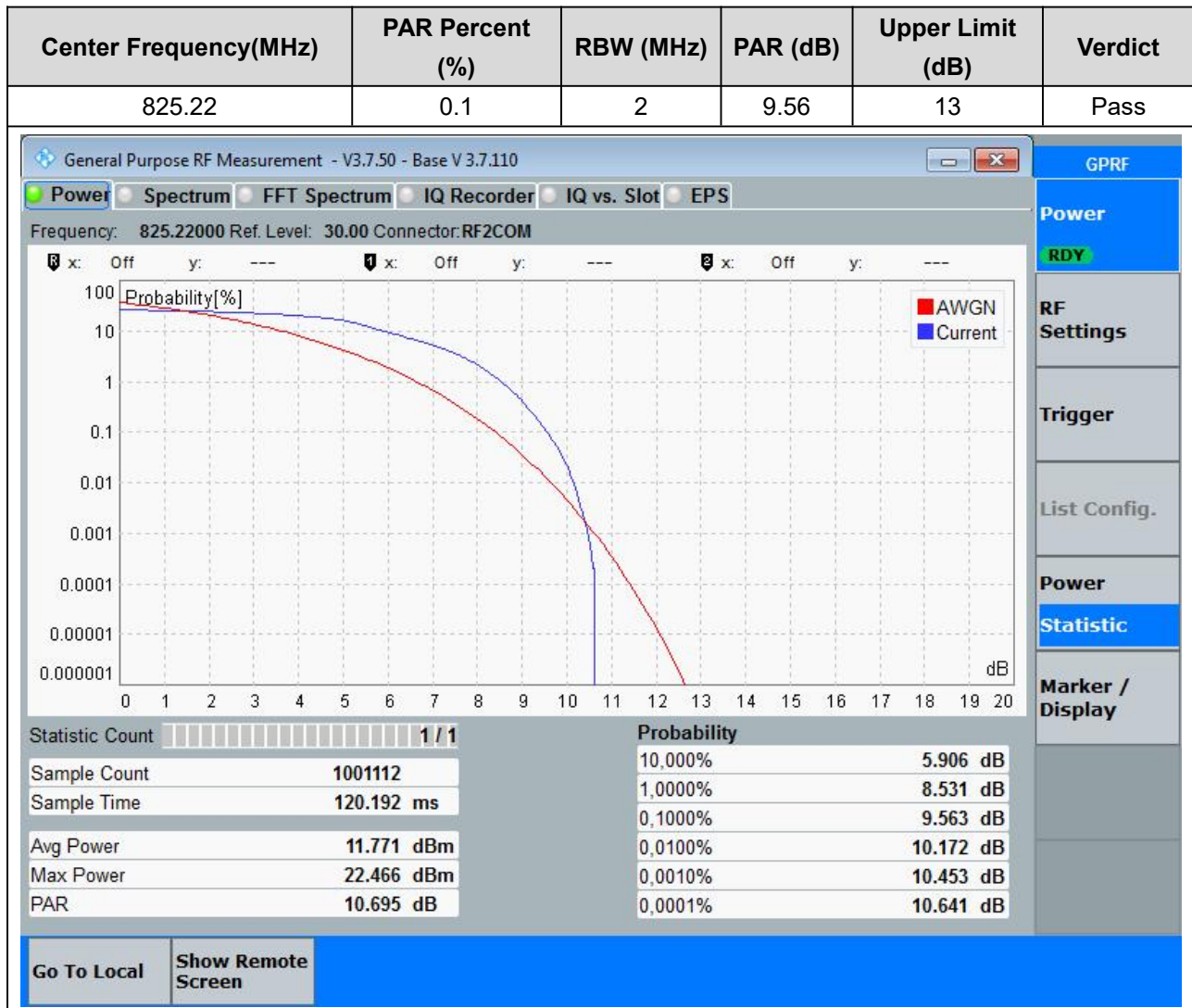
3.6. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20300, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1736.9	0.1	2	9.66	13	Pass



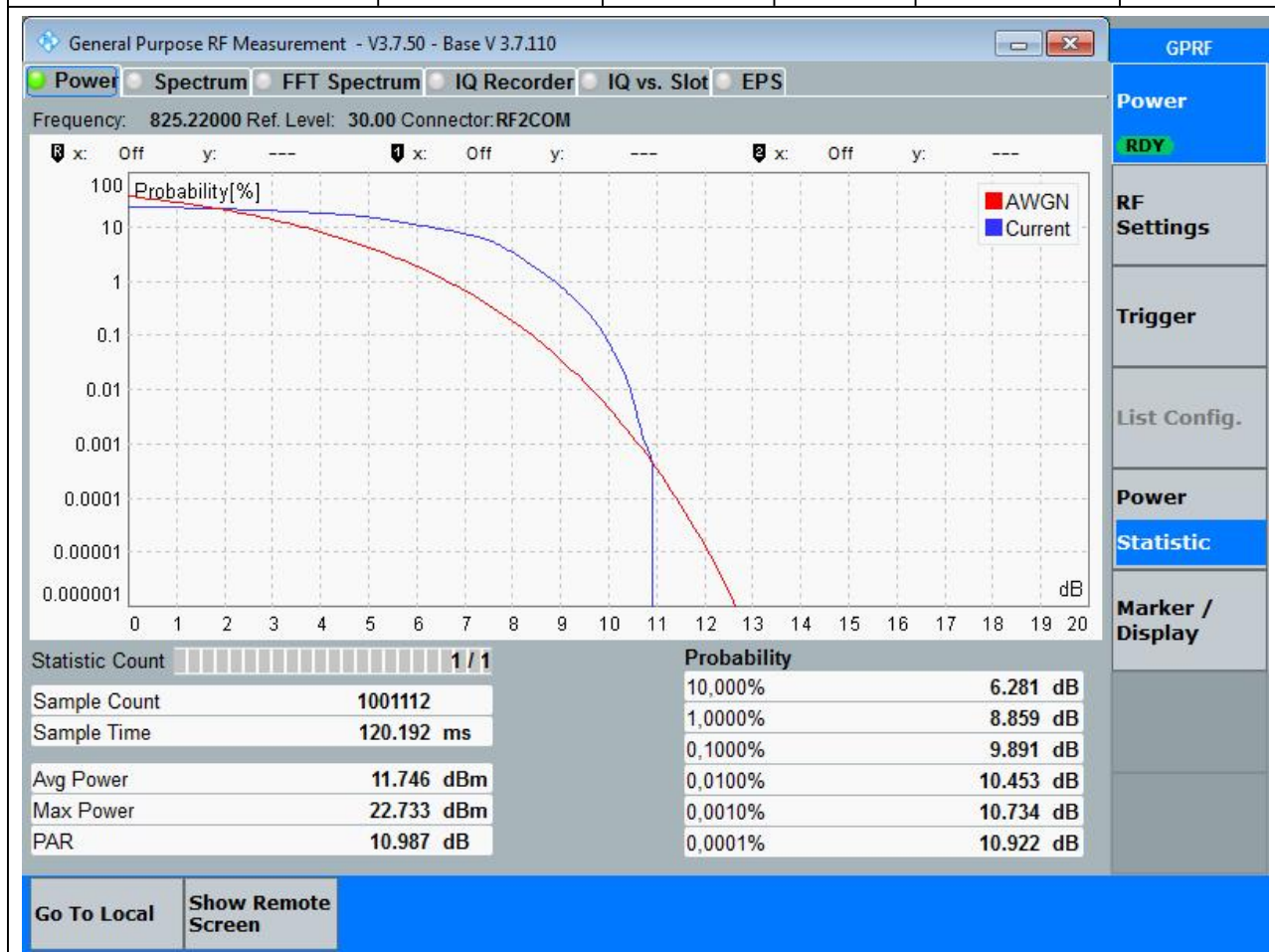
4. Cat-M_Band5

4.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



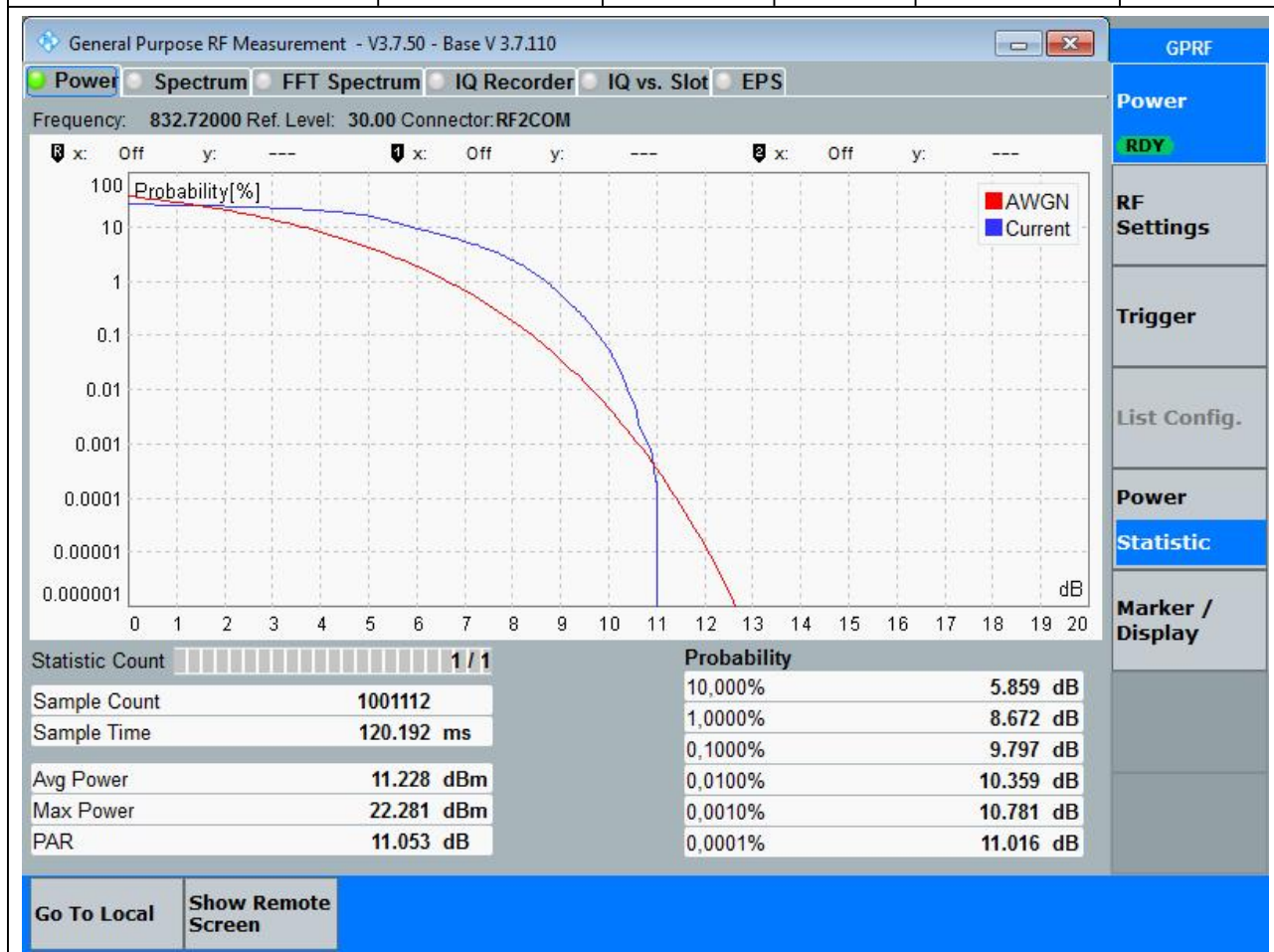
4.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20450, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
825.22	0.1	2	9.89	13	Pass



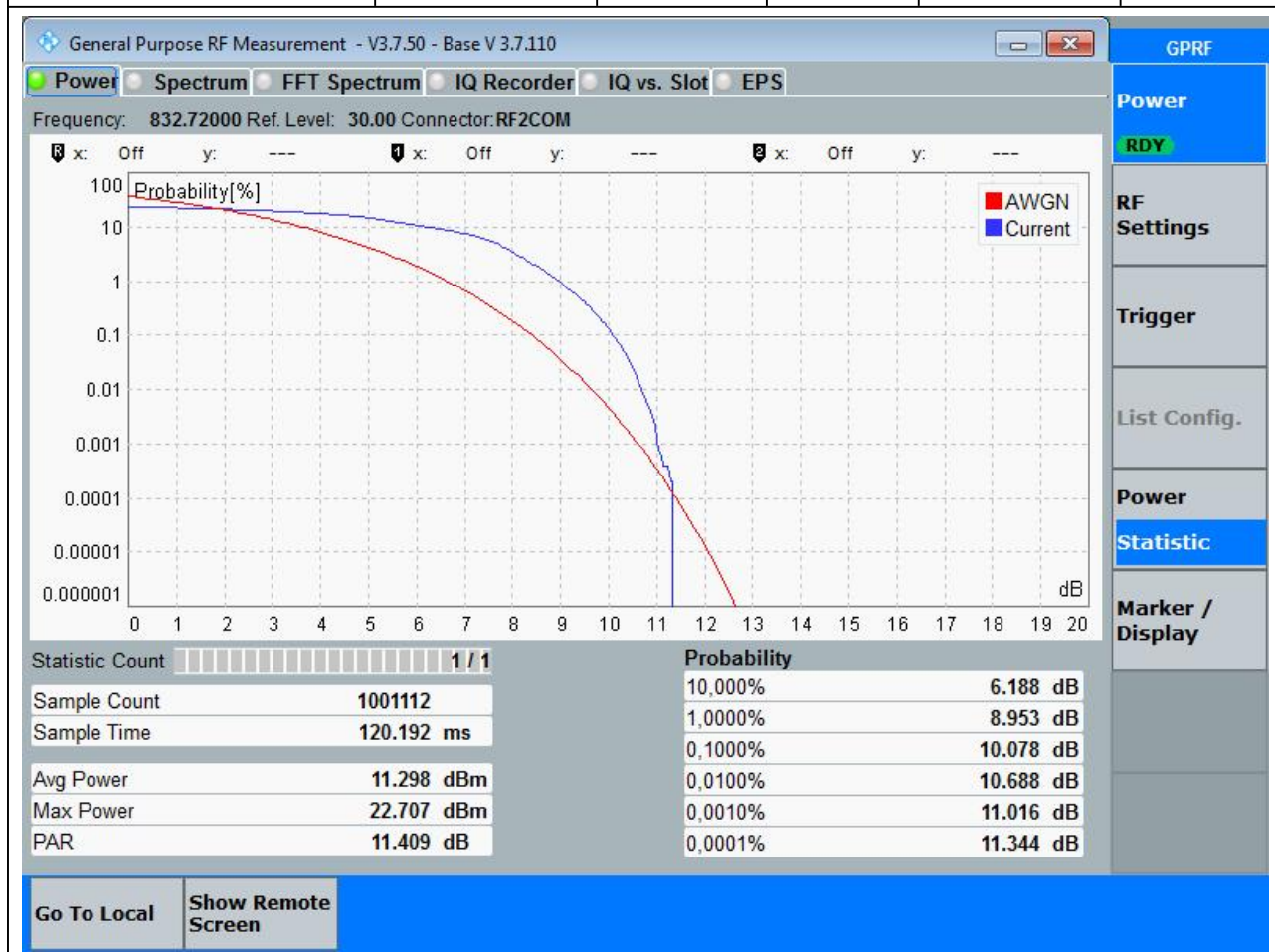
4.3. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
832.72	0.1	2	9.8	13	Pass



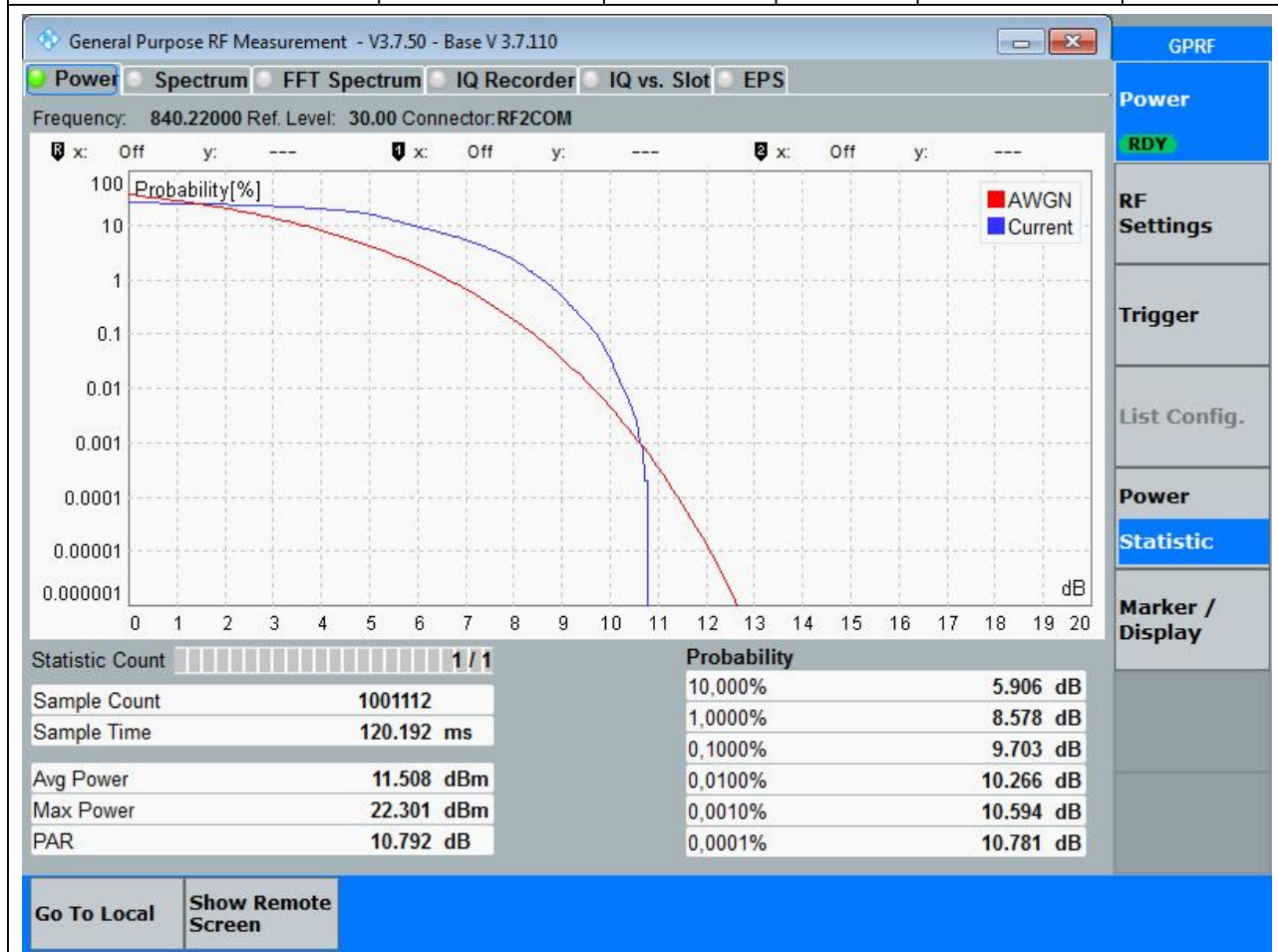
4.4. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20525, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
832.72	0.1	2	10.08	13	Pass



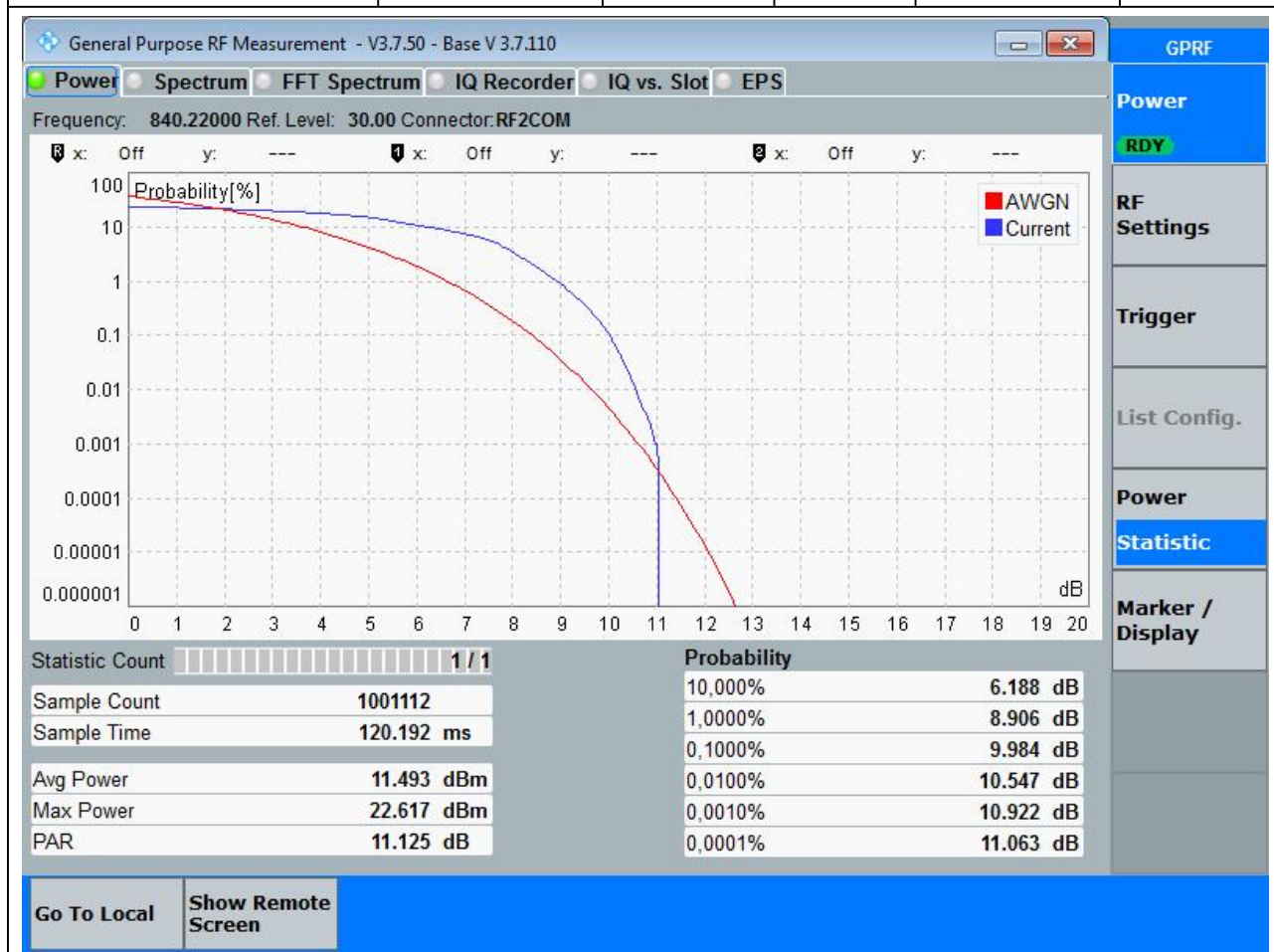
4.5. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
840.22	0.1	2	9.7	13	Pass



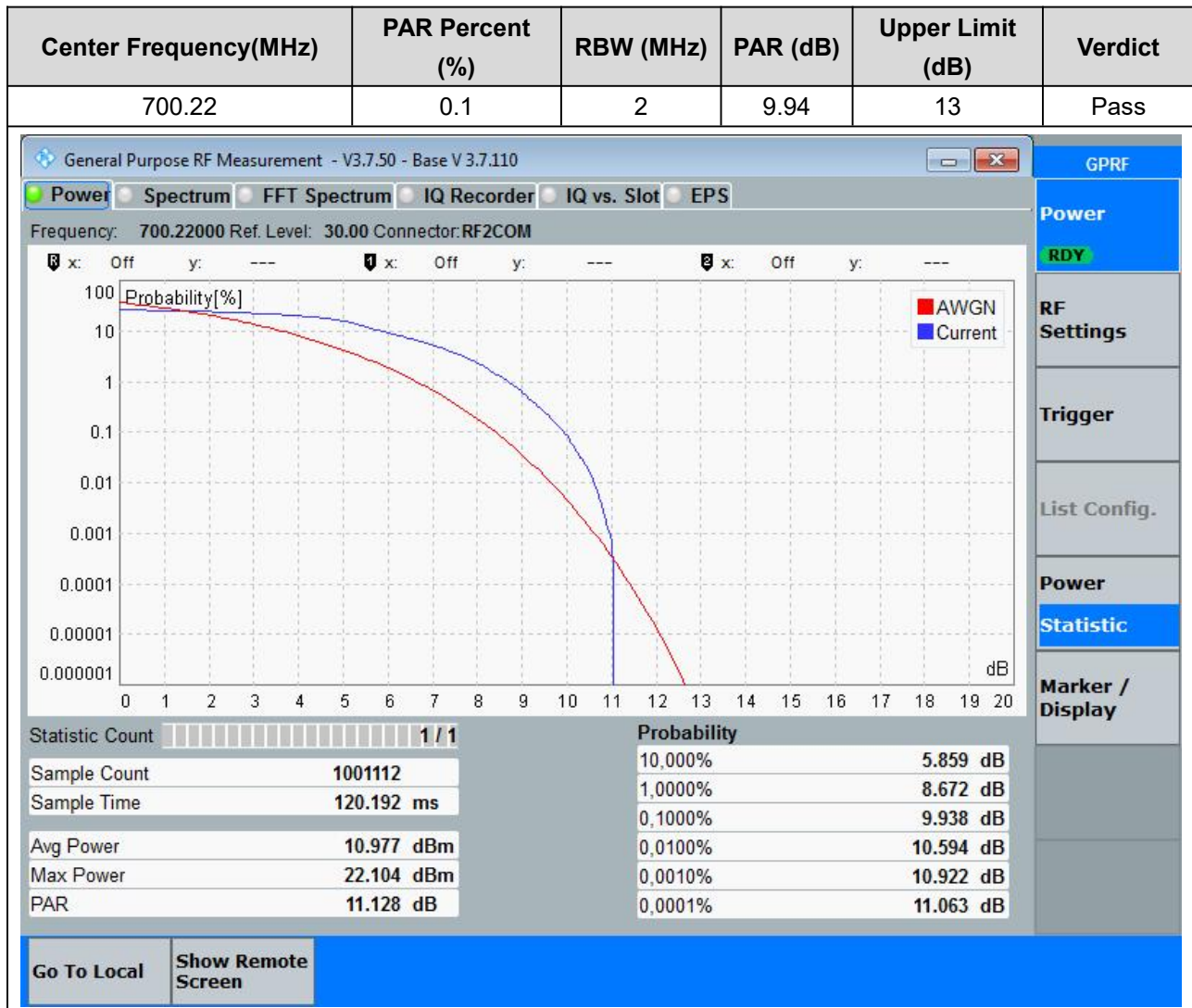
4.6. Cat-M Peak to Average Ratio_Part22-24-27(Channel:20600, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
840.22	0.1	2	9.98	13	Pass



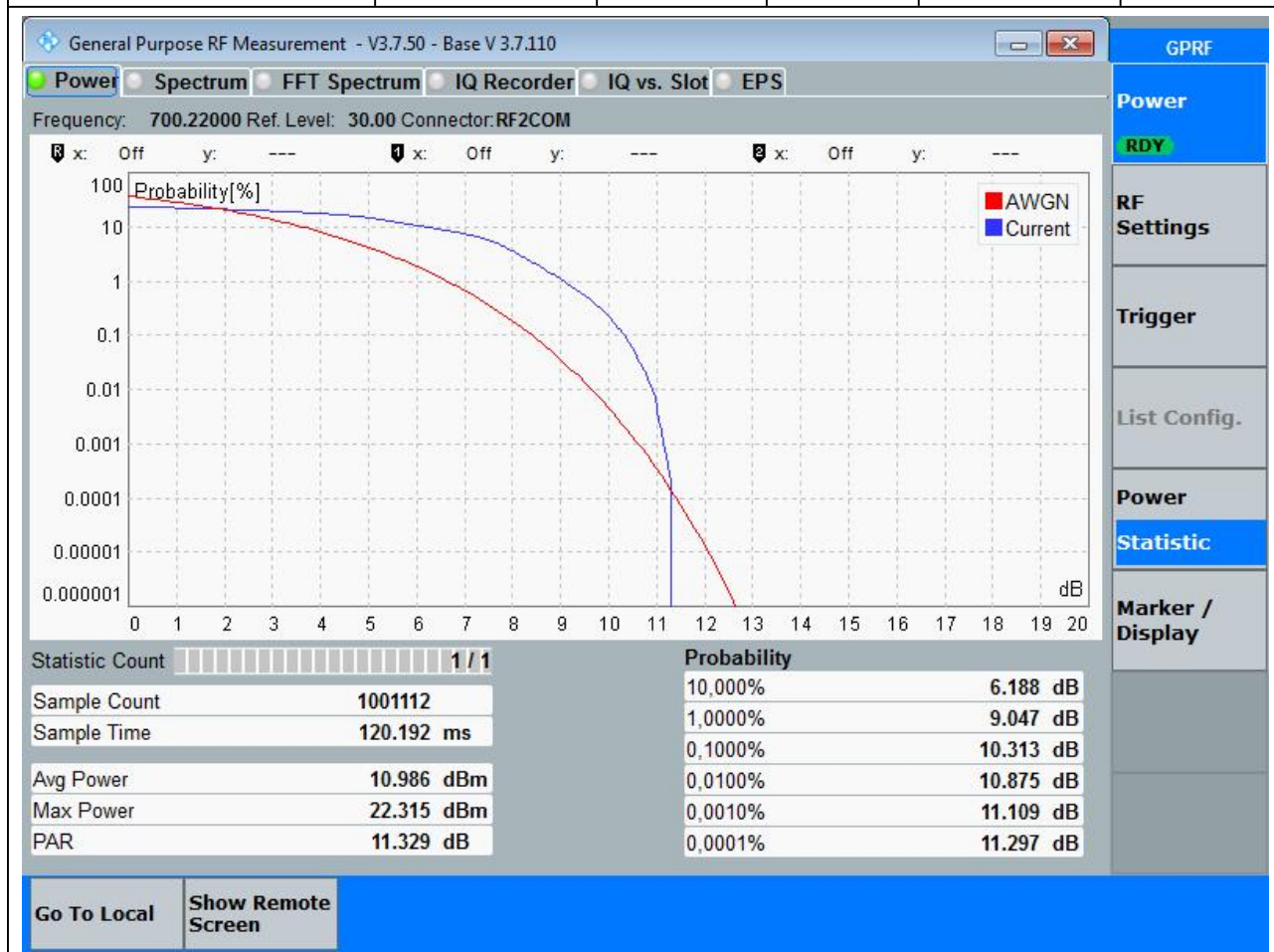
5. Cat-M_Band12

5.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23060, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



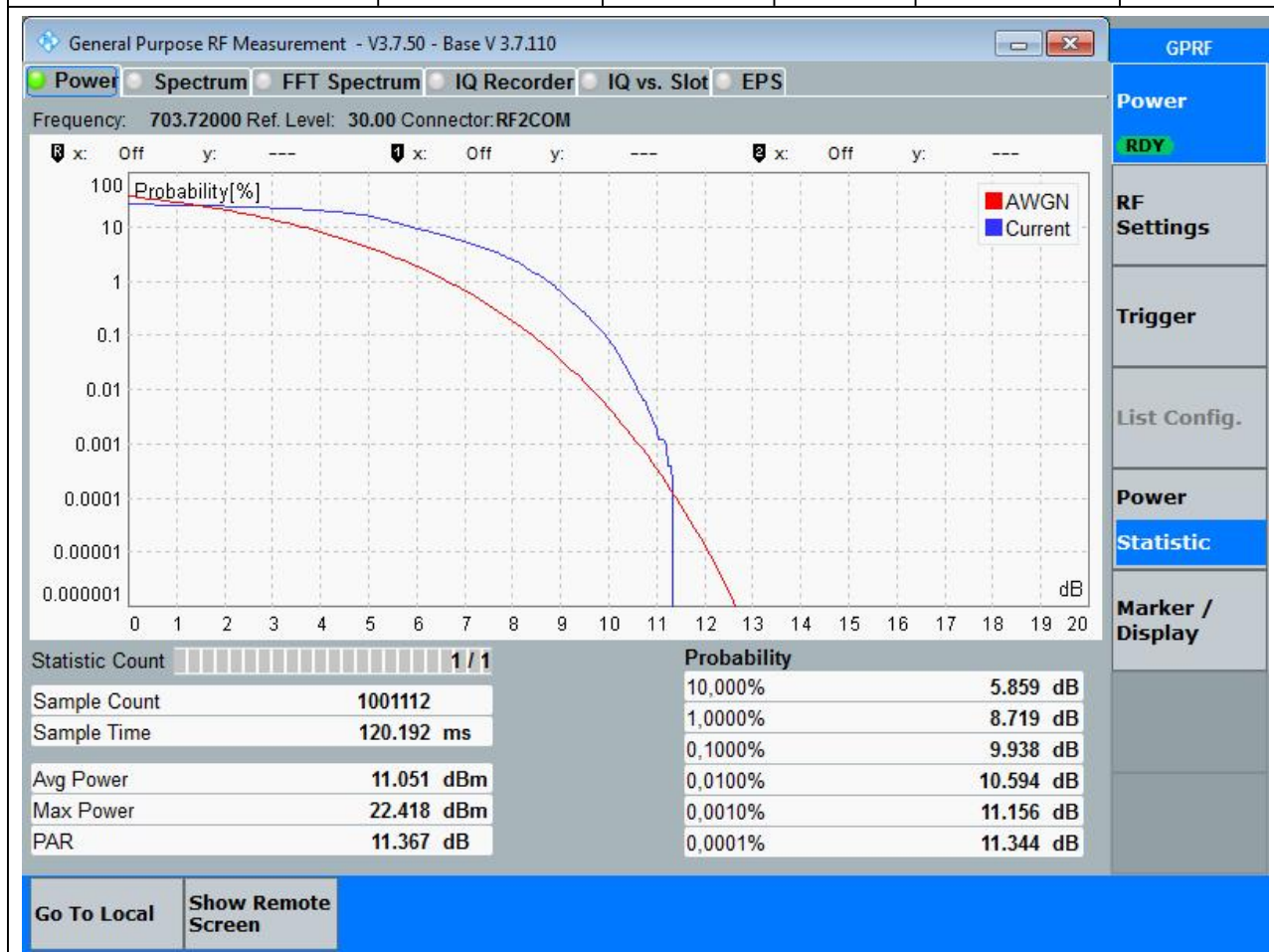
5.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23060, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
700.22	0.1	2	10.31	13	Pass



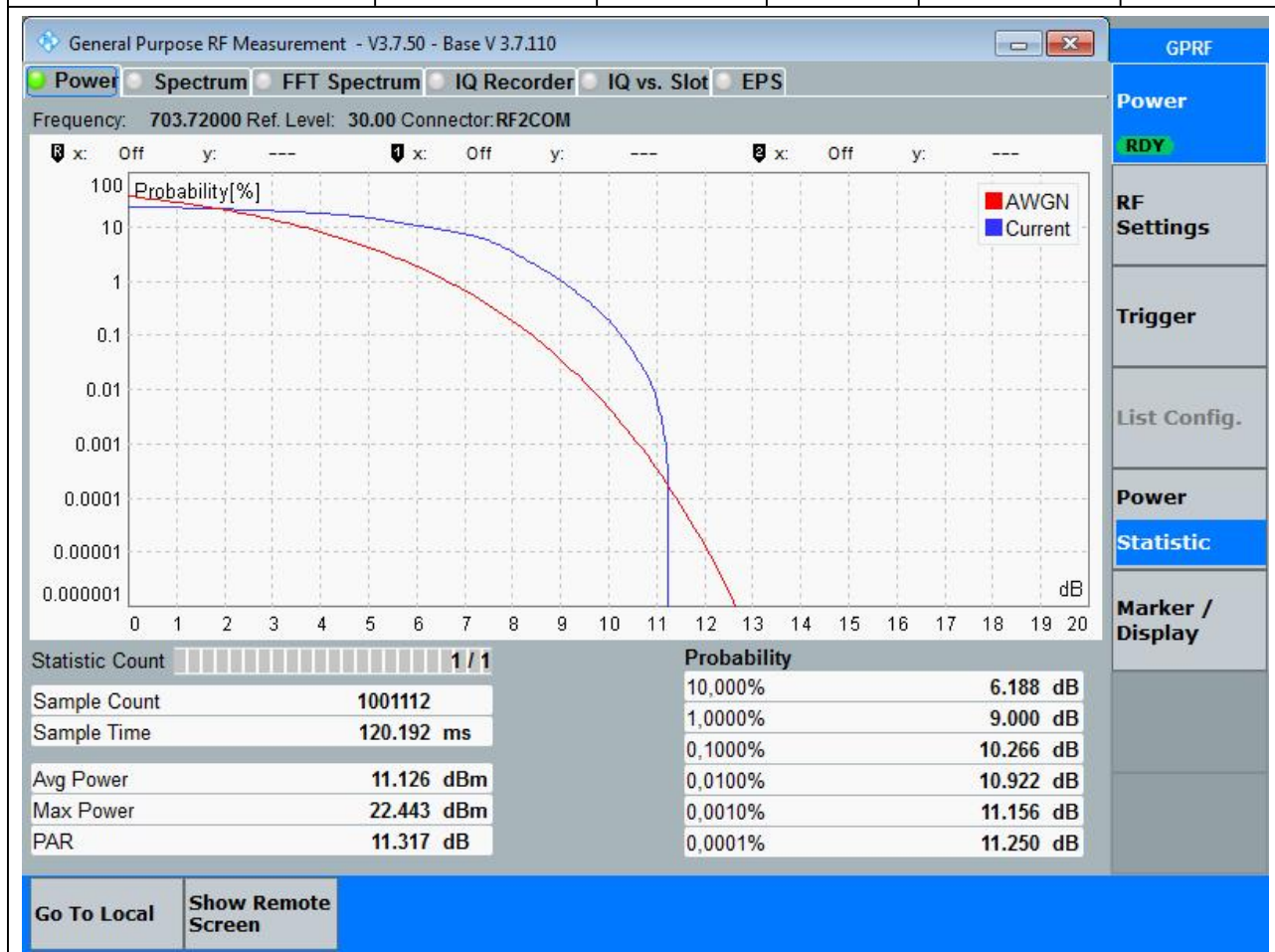
5.3. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23095, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
703.72	0.1	2	9.94	13	Pass



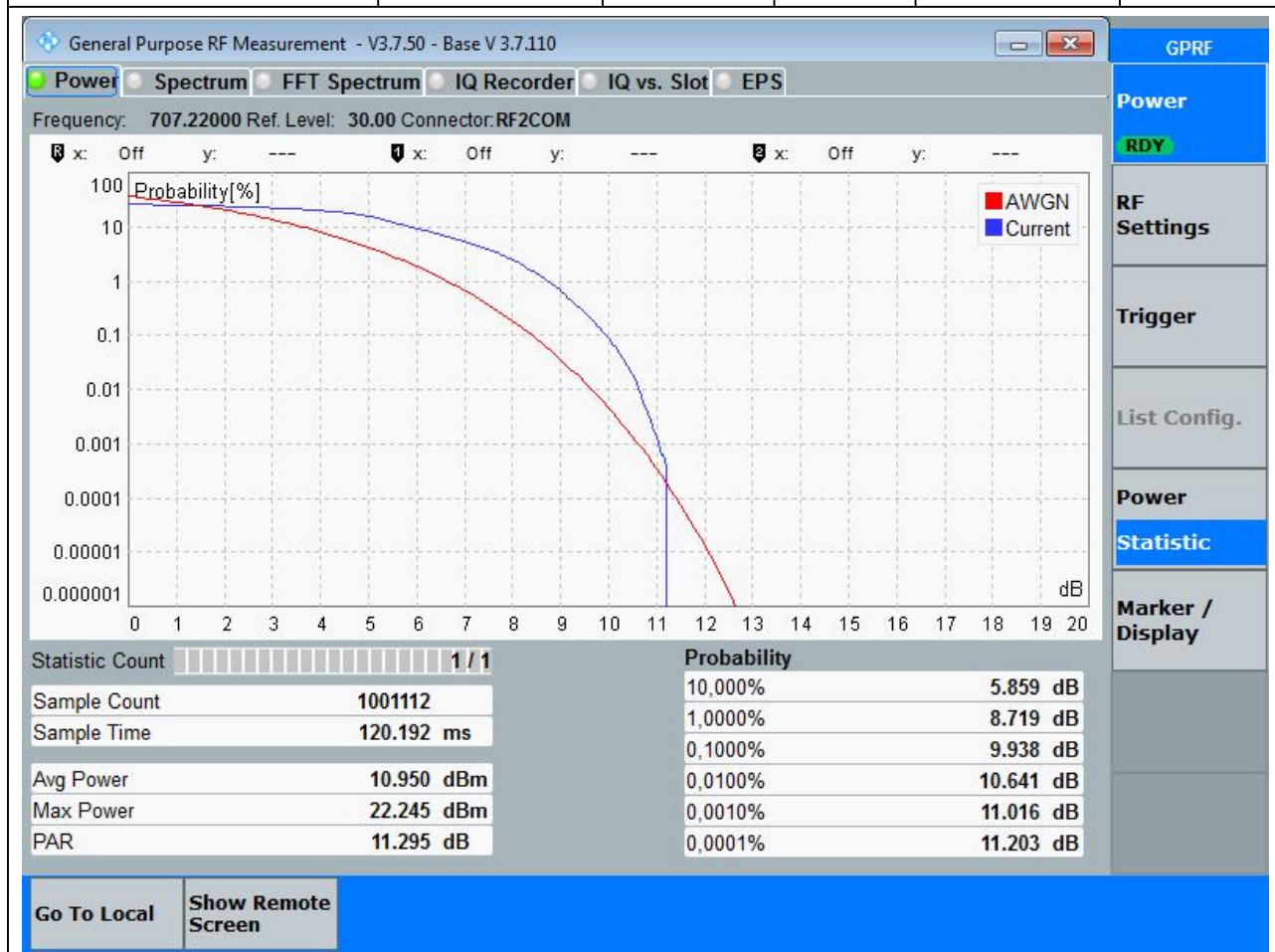
5.4. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23095, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
703.72	0.1	2	10.27	13	Pass



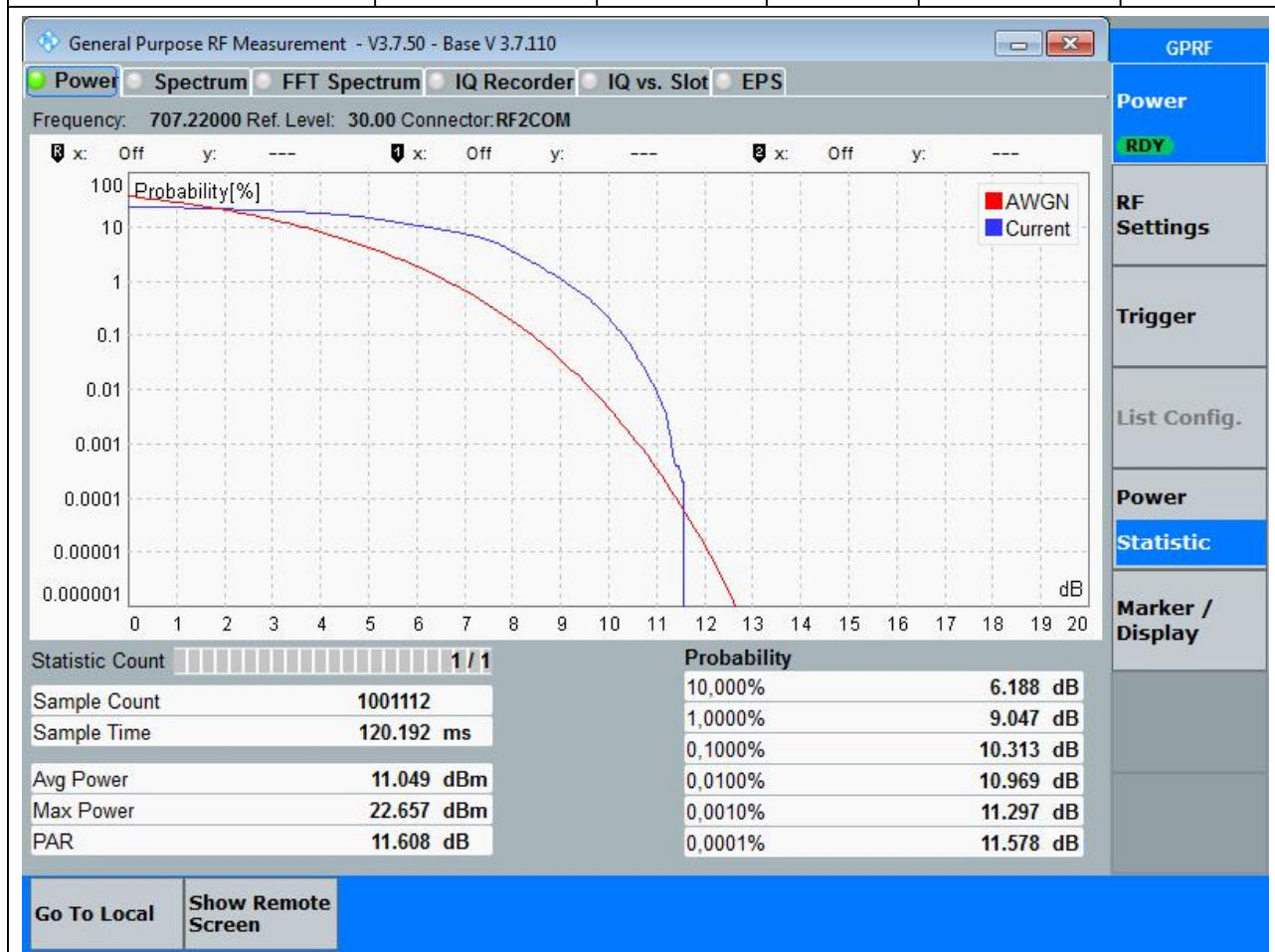
5.5. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23130, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
707.22	0.1	2	9.94	13	Pass



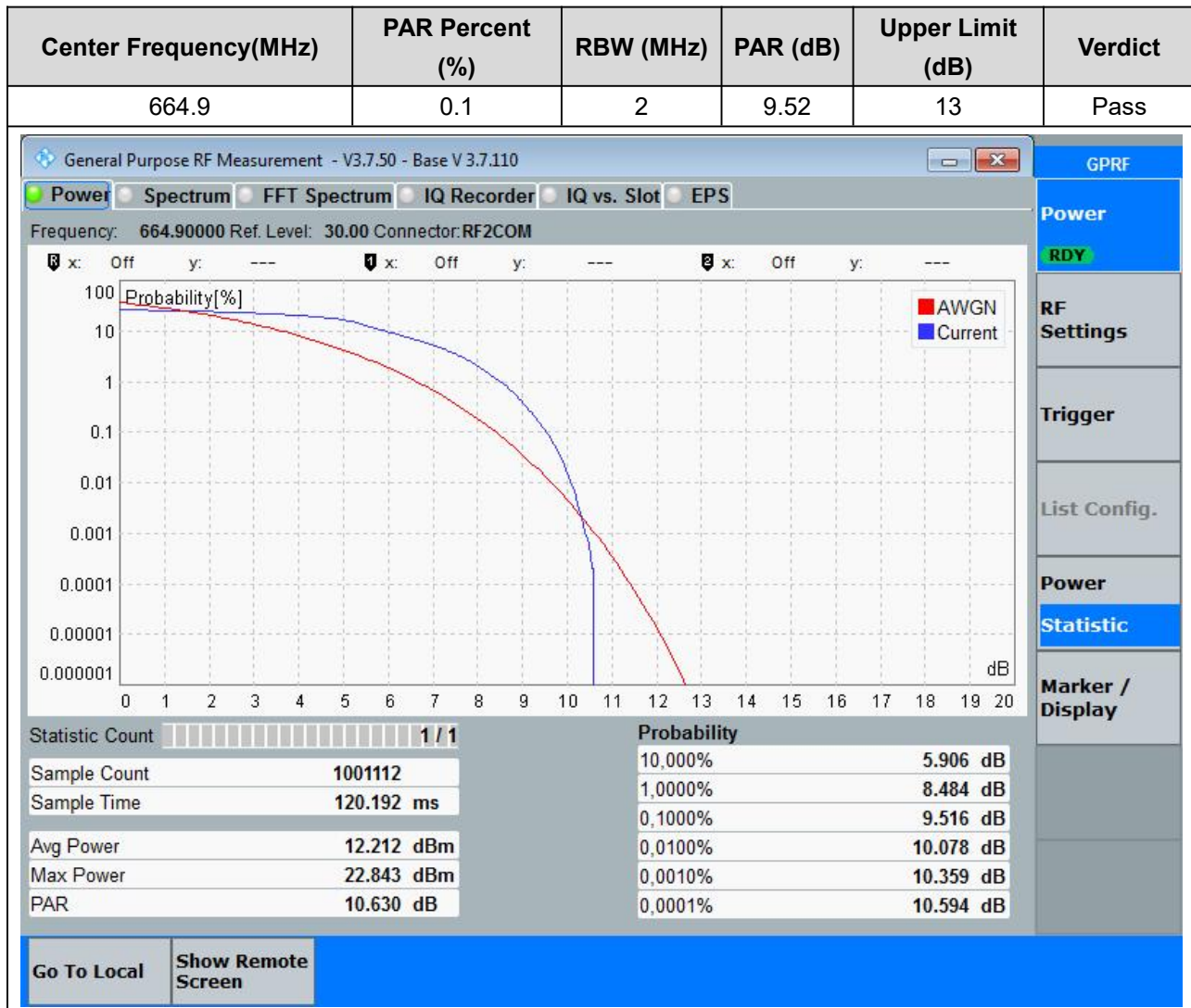
5.6. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23130, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
707.22	0.1	2	10.31	13	Pass



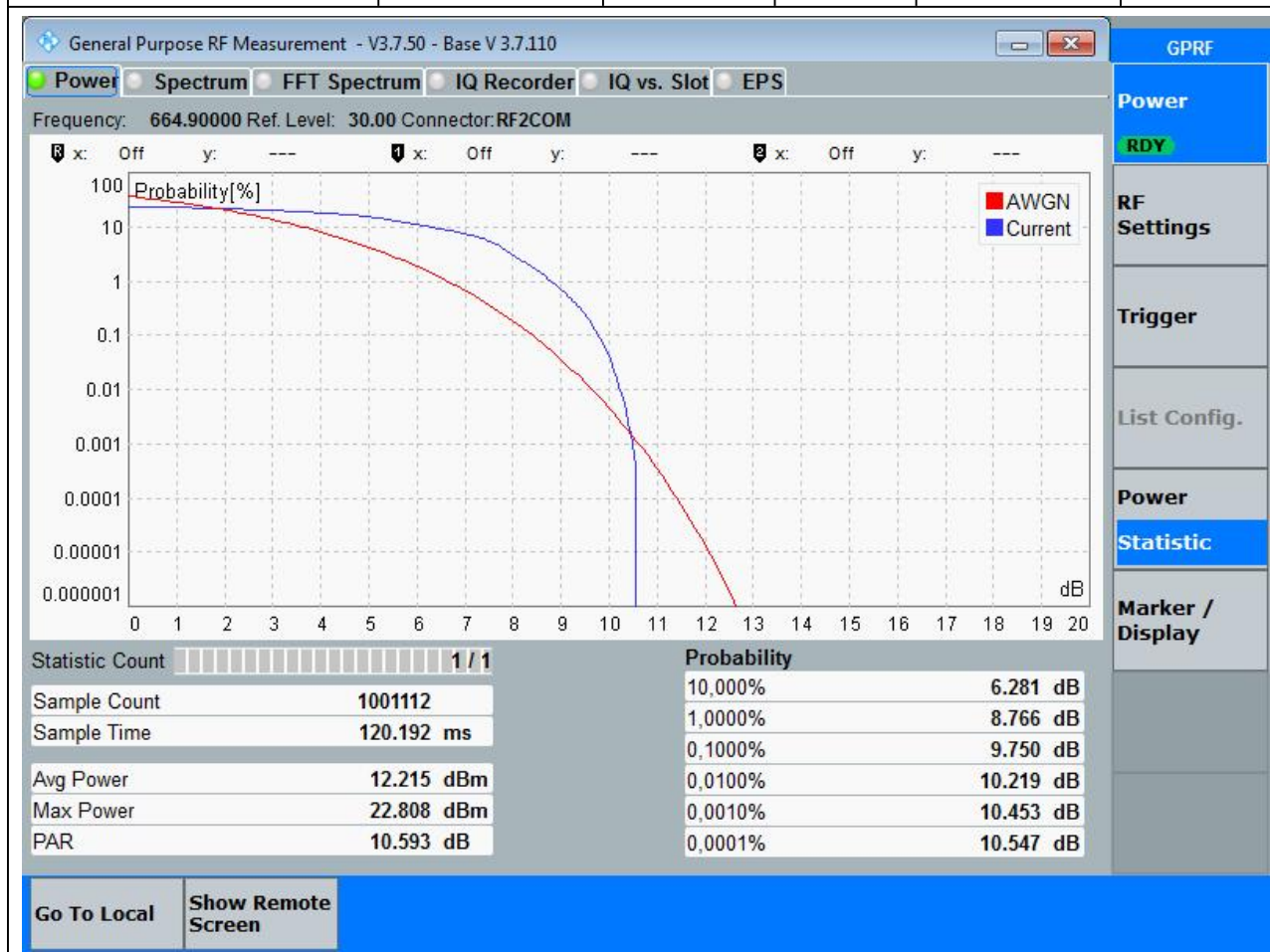
6. Cat-M_Band71

6.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:133222, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



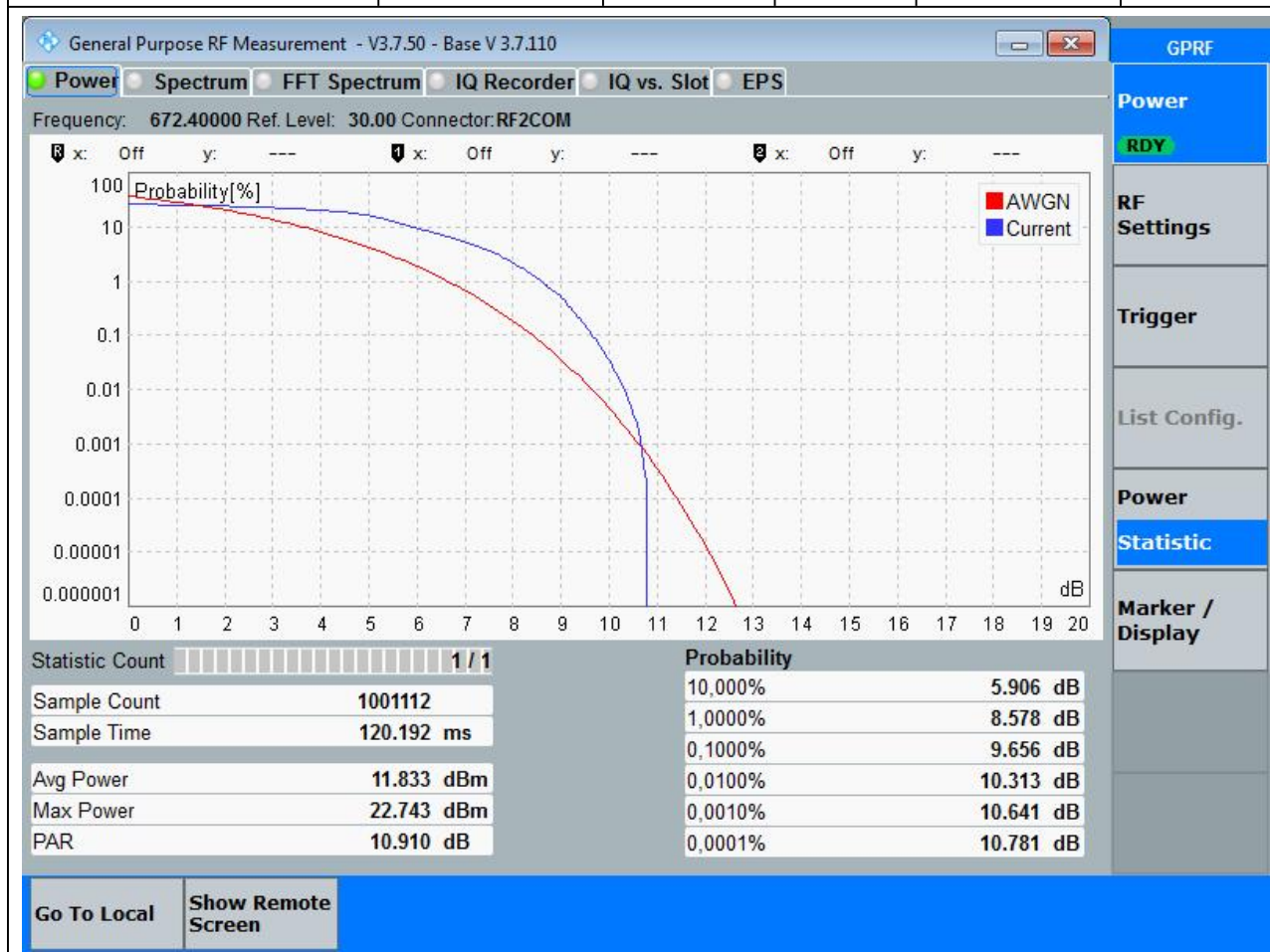
6.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:133222, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
664.9	0.1	2	9.75	13	Pass



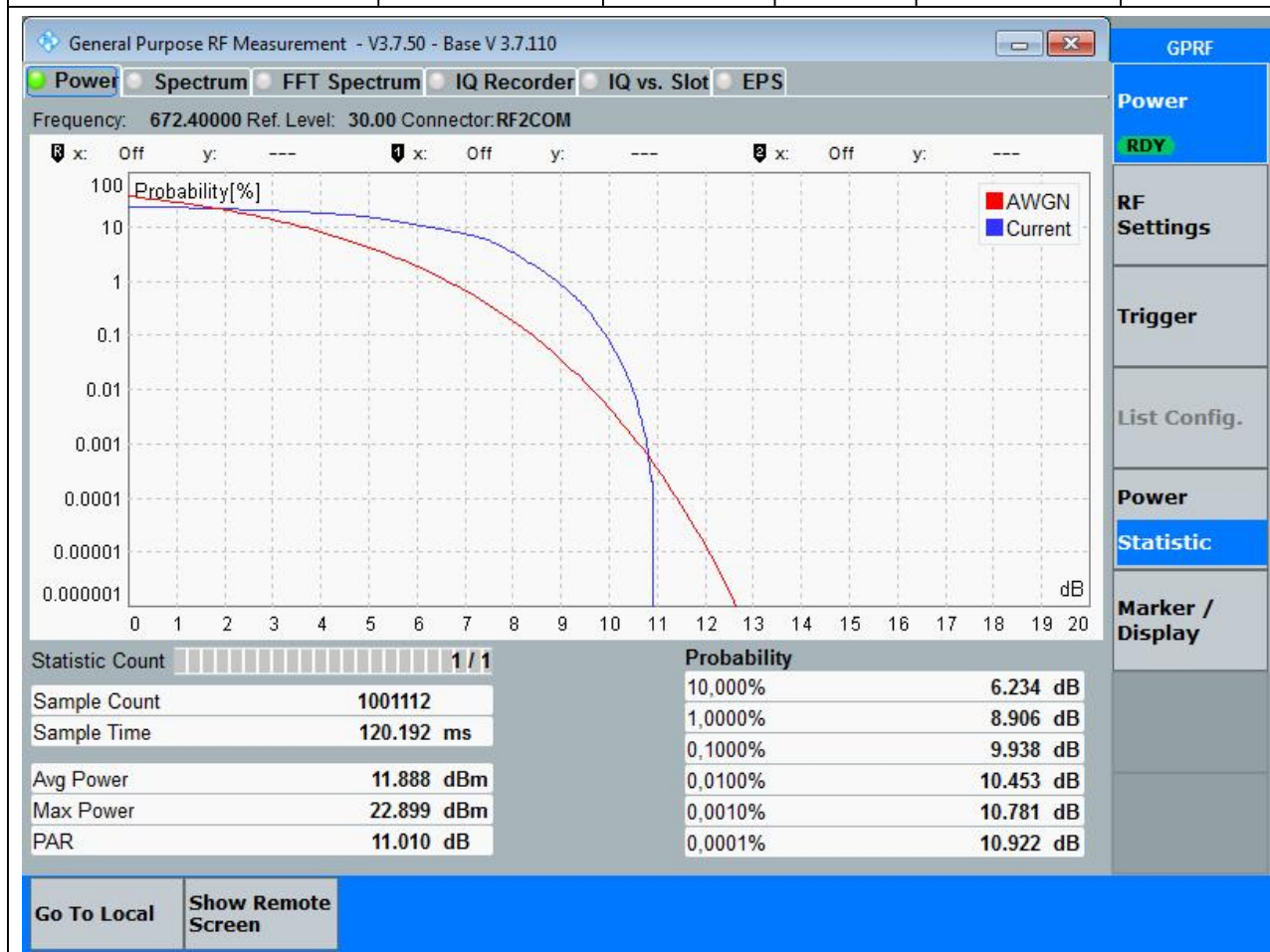
6.3. Cat-M Peak to Average Ratio_Part22-24-27(Channel:133297, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
672.4	0.1	2	9.66	13	Pass



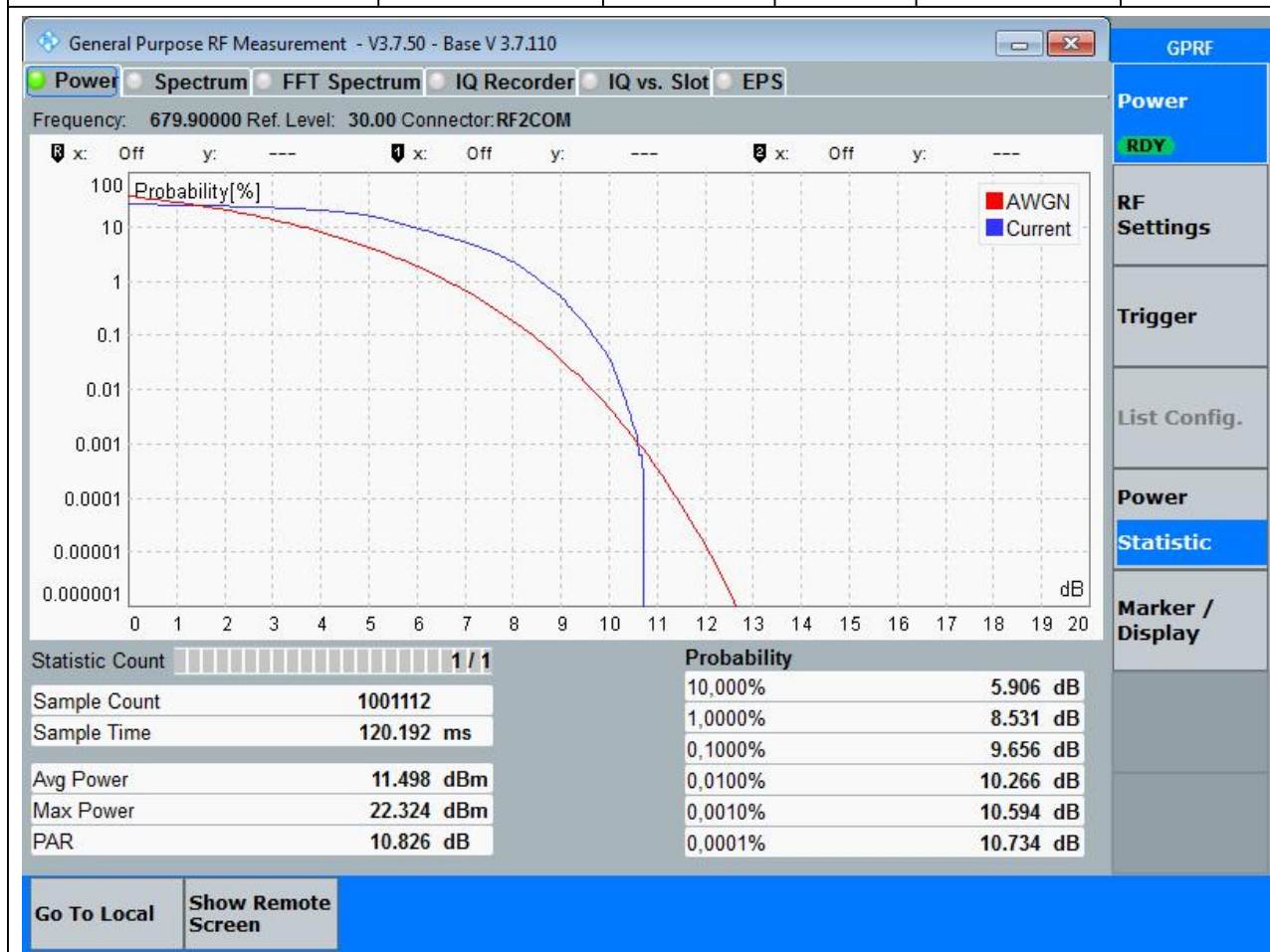
6.4. Cat-M Peak to Average Ratio_Part22-24-27(Channel:133297, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
672.4	0.1	2	9.94	13	Pass



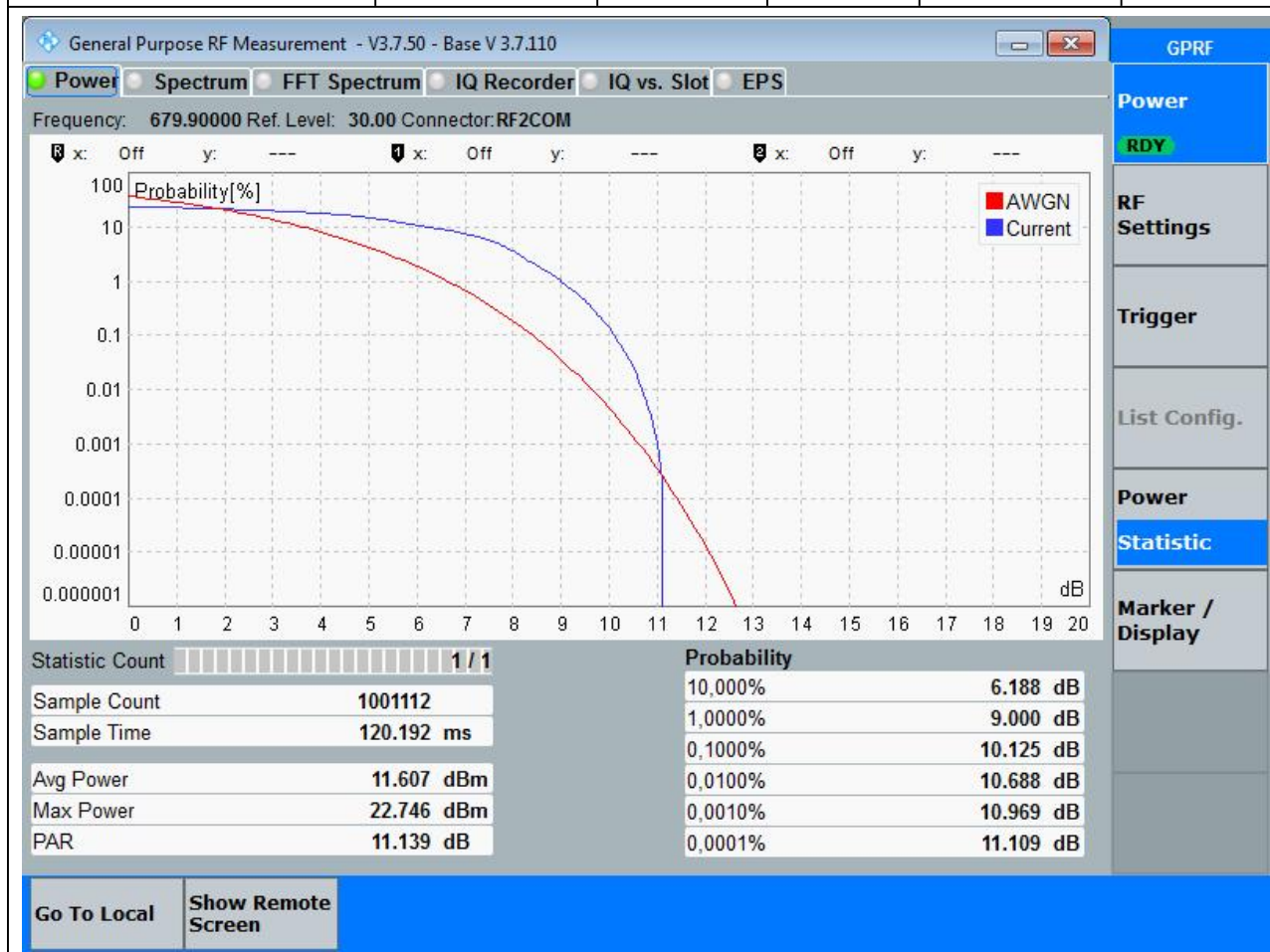
6.5. Cat-M Peak to Average Ratio_Part22-24-27(Channel:133372, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
679.9	0.1	2	9.66	13	Pass



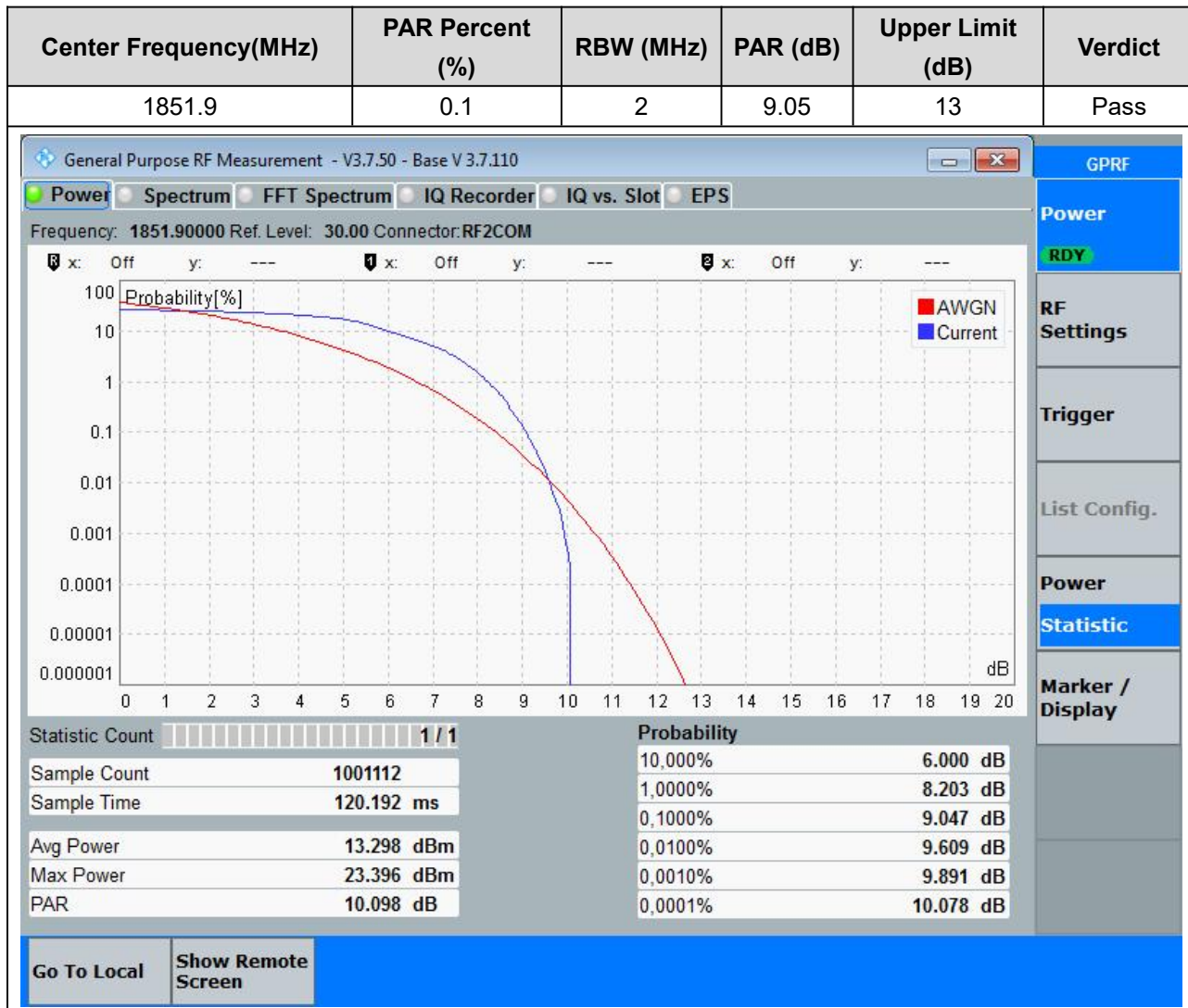
6.6. Cat-M Peak to Average Ratio_Part22-24-27(Channel:133372, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
679.9	0.1	2	10.12	13	Pass



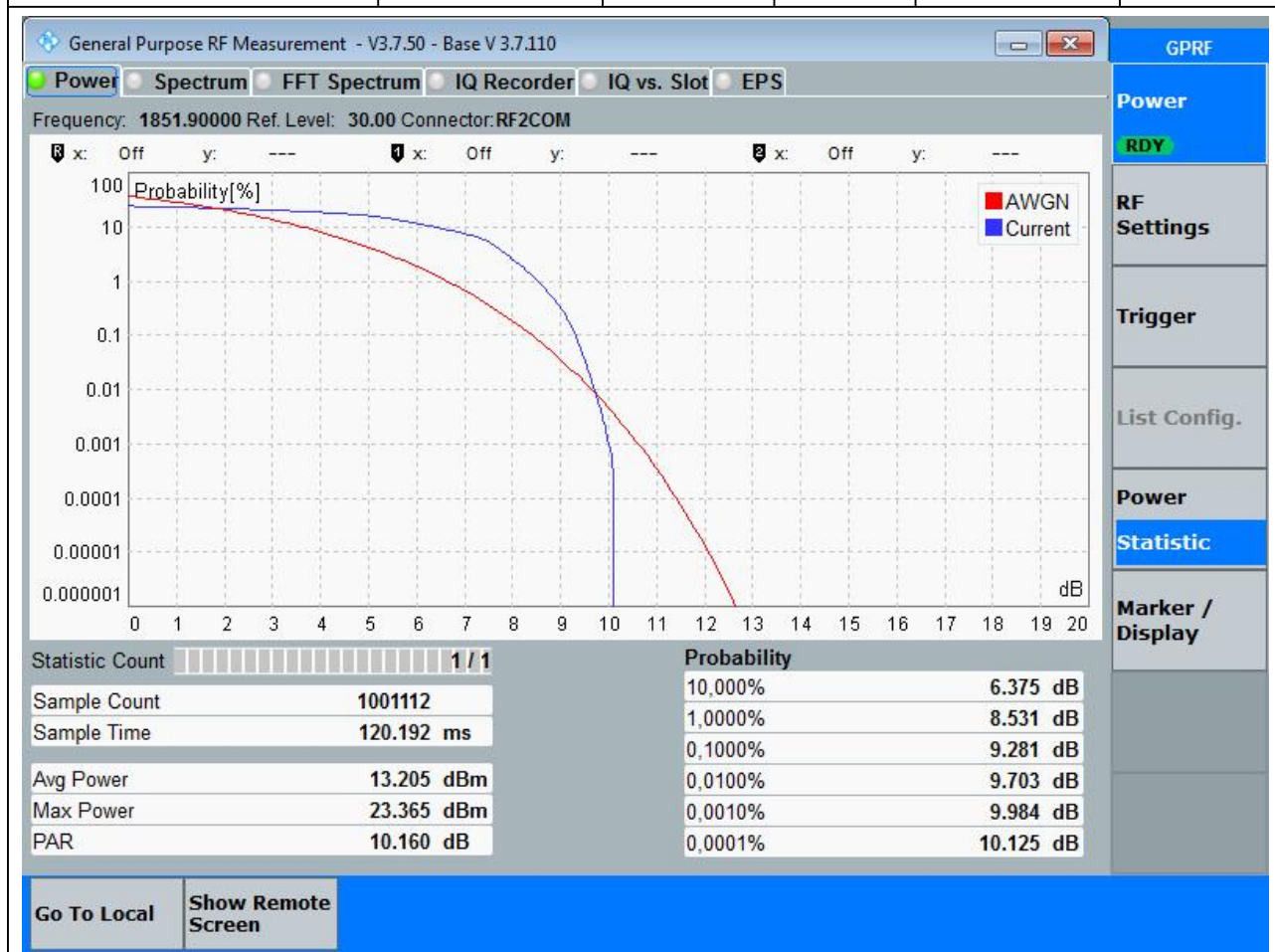
7. Cat-M_Band25

7.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26140, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



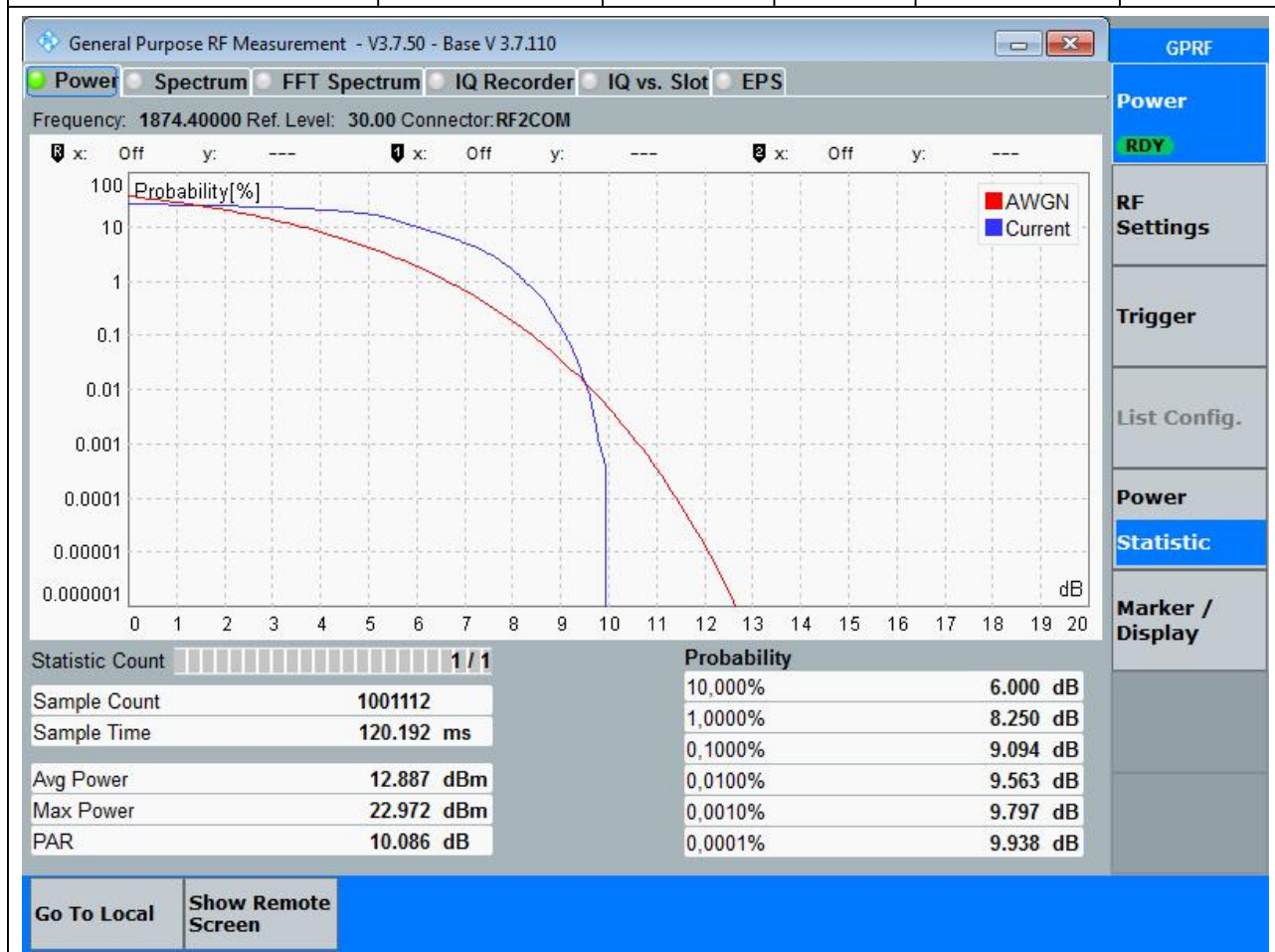
7.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26140, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1851.9	0.1	2	9.28	13	Pass



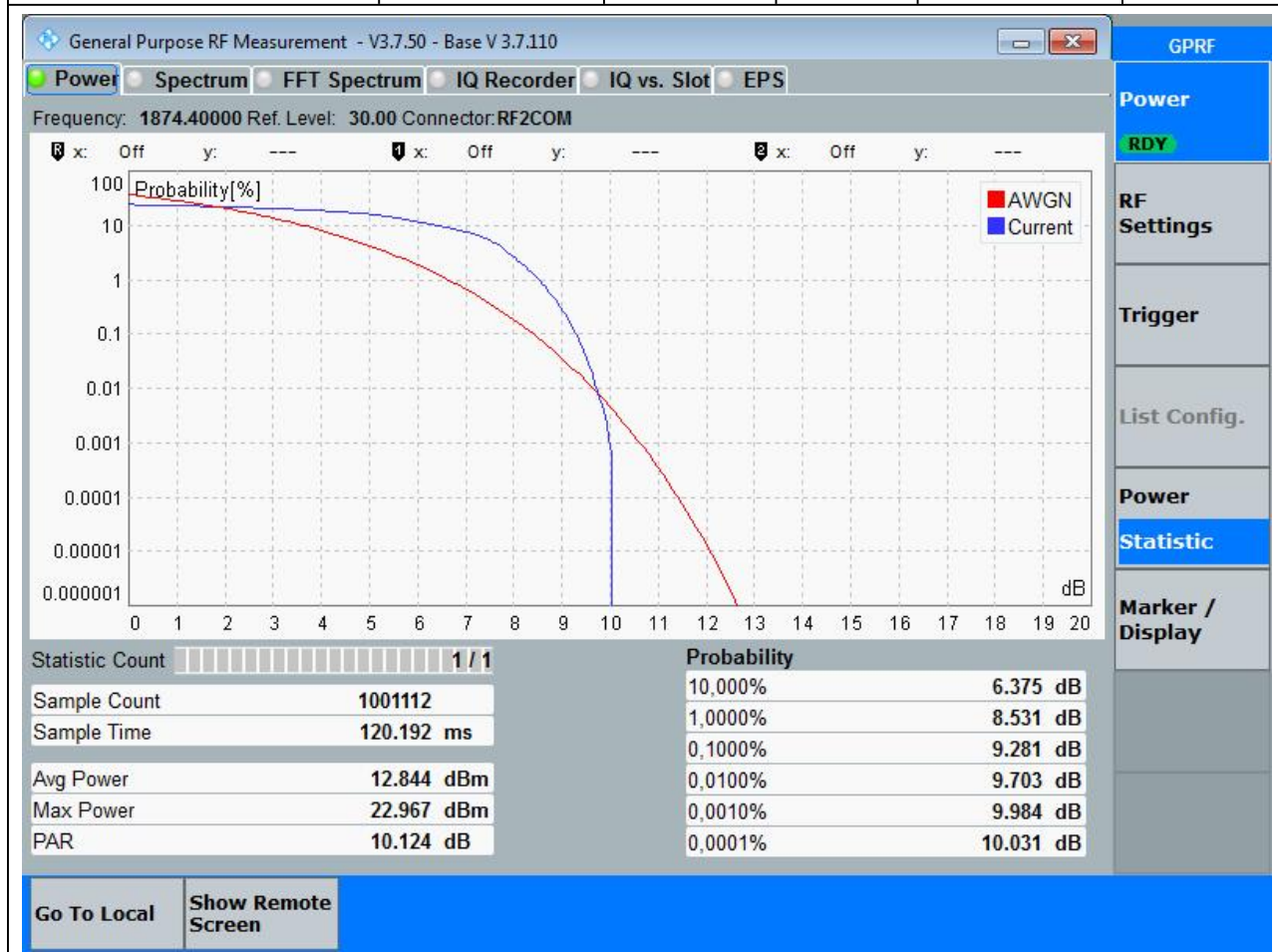
7.3. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26365, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1874.4	0.1	2	9.09	13	Pass



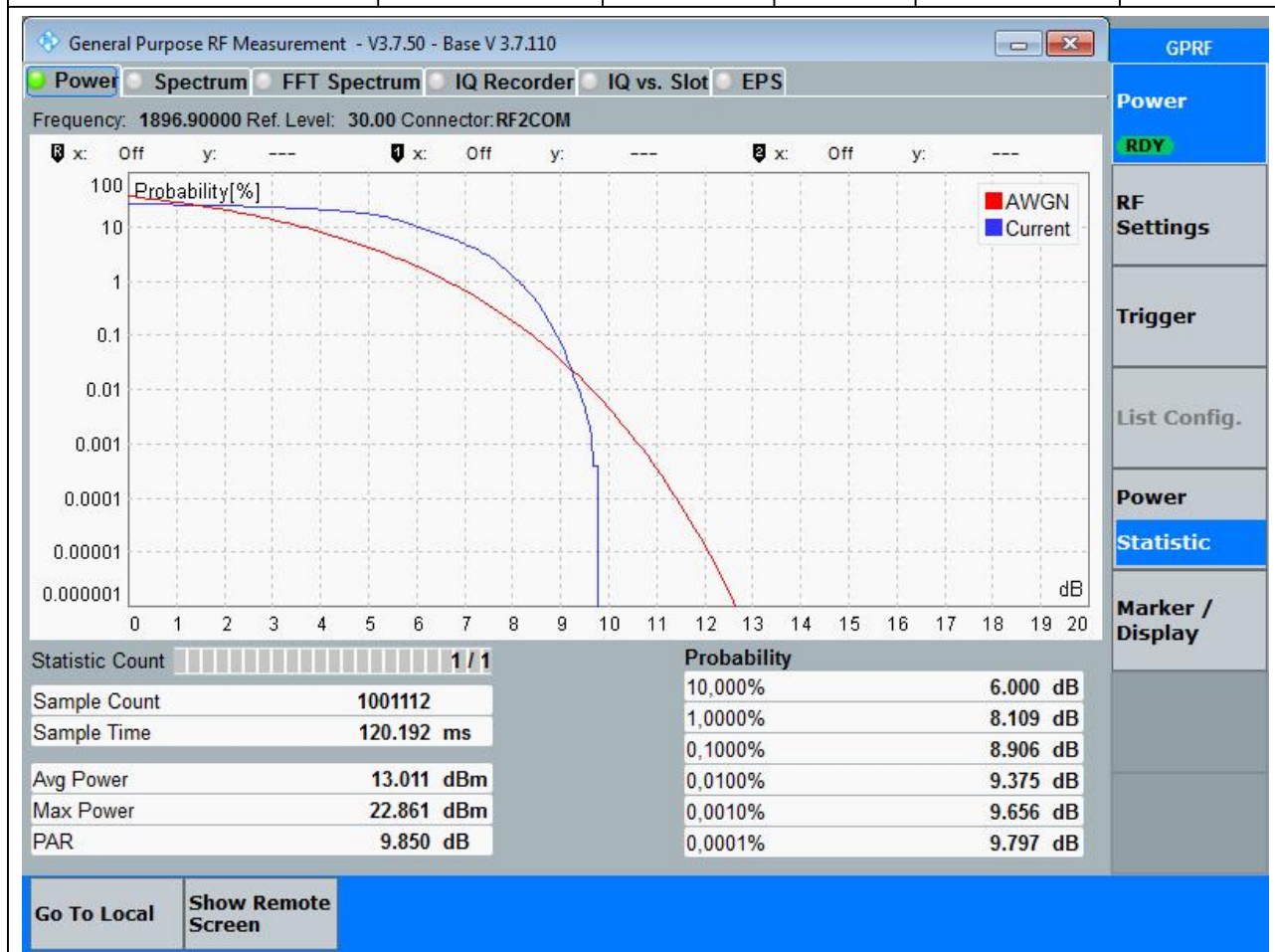
7.4. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26365, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1874.4	0.1	2	9.28	13	Pass



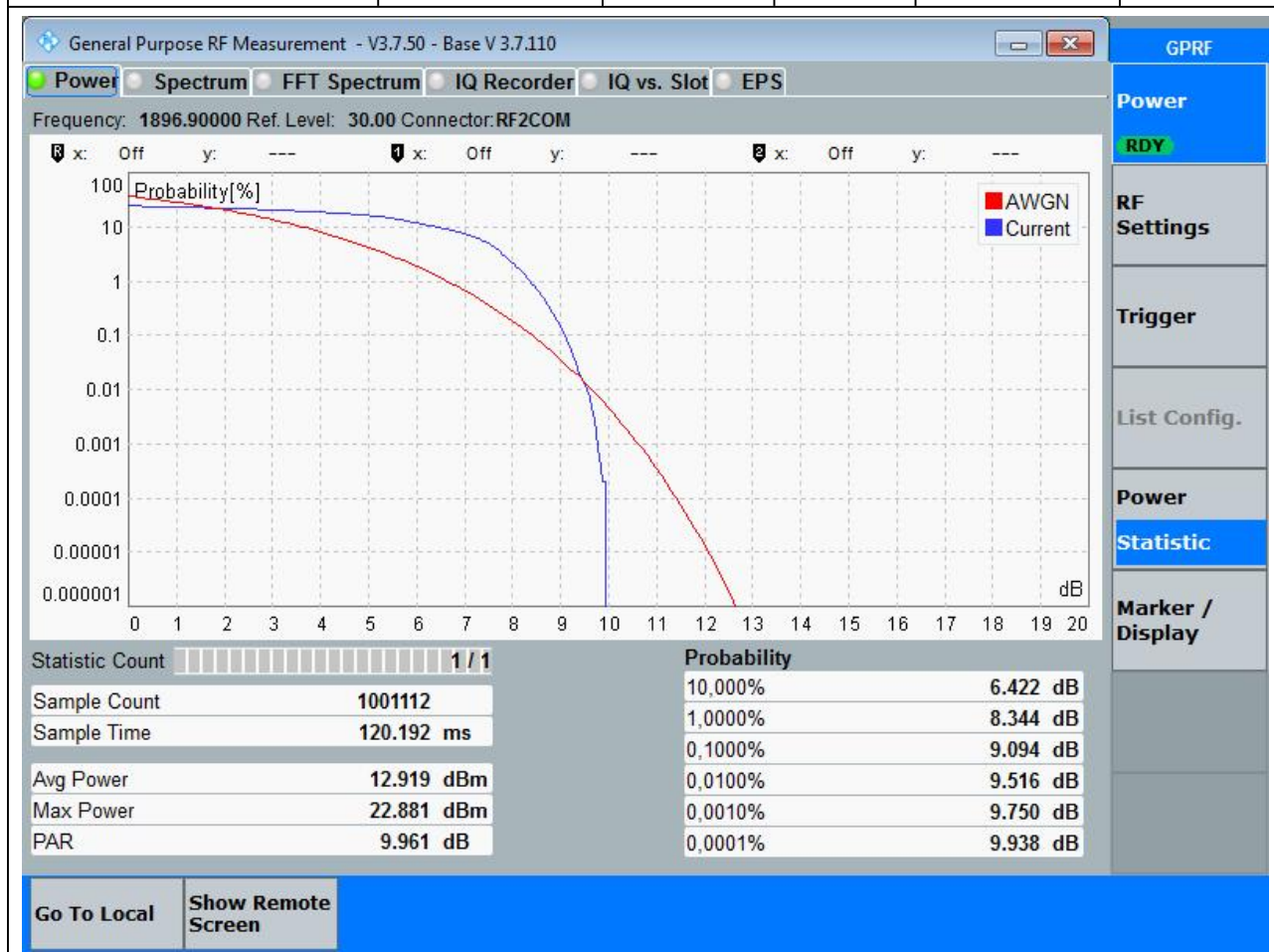
7.5. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26590, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1896.9	0.1	2	8.91	13	Pass



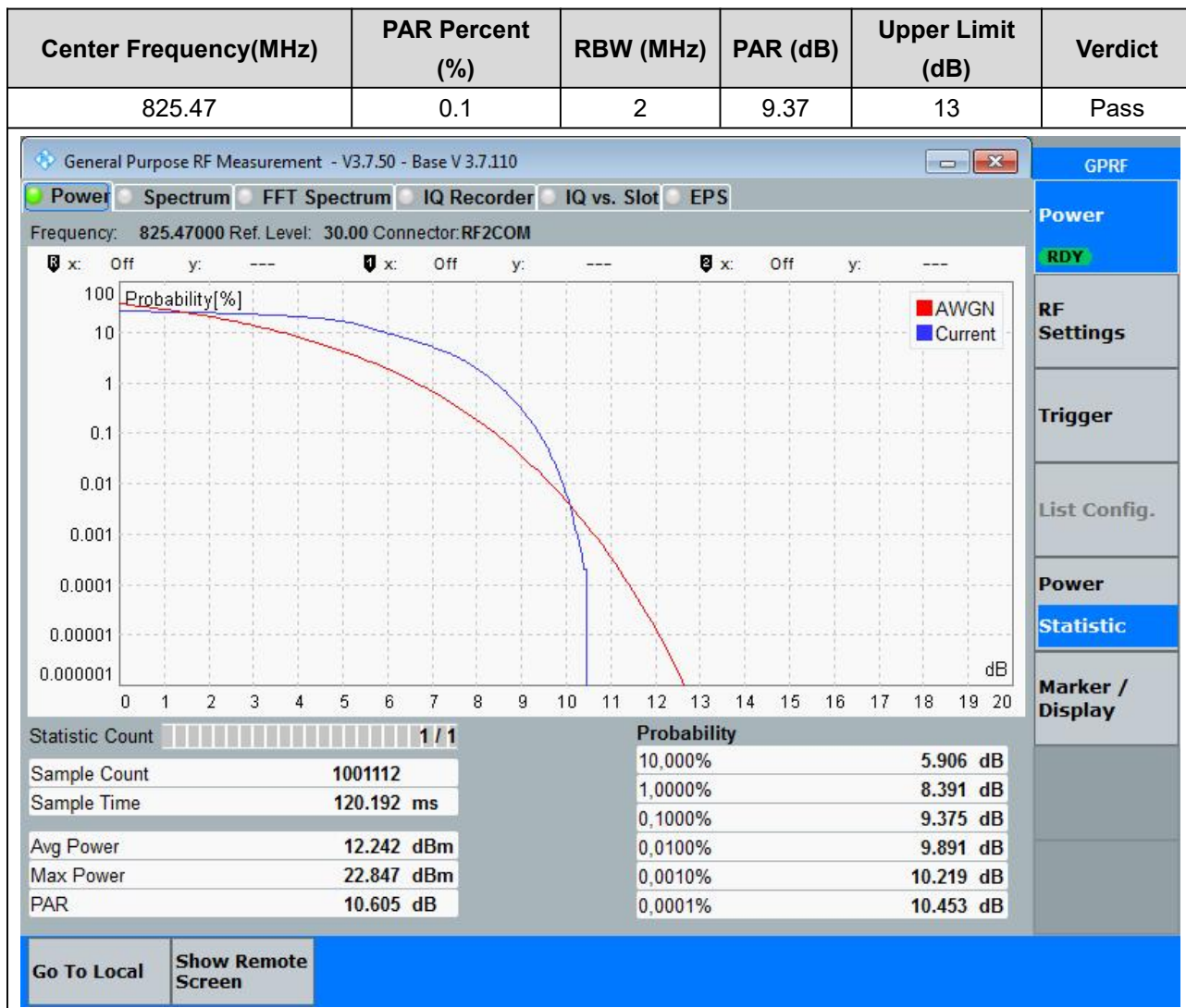
7.6. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26590, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
1896.9	0.1	2	9.09	13	Pass



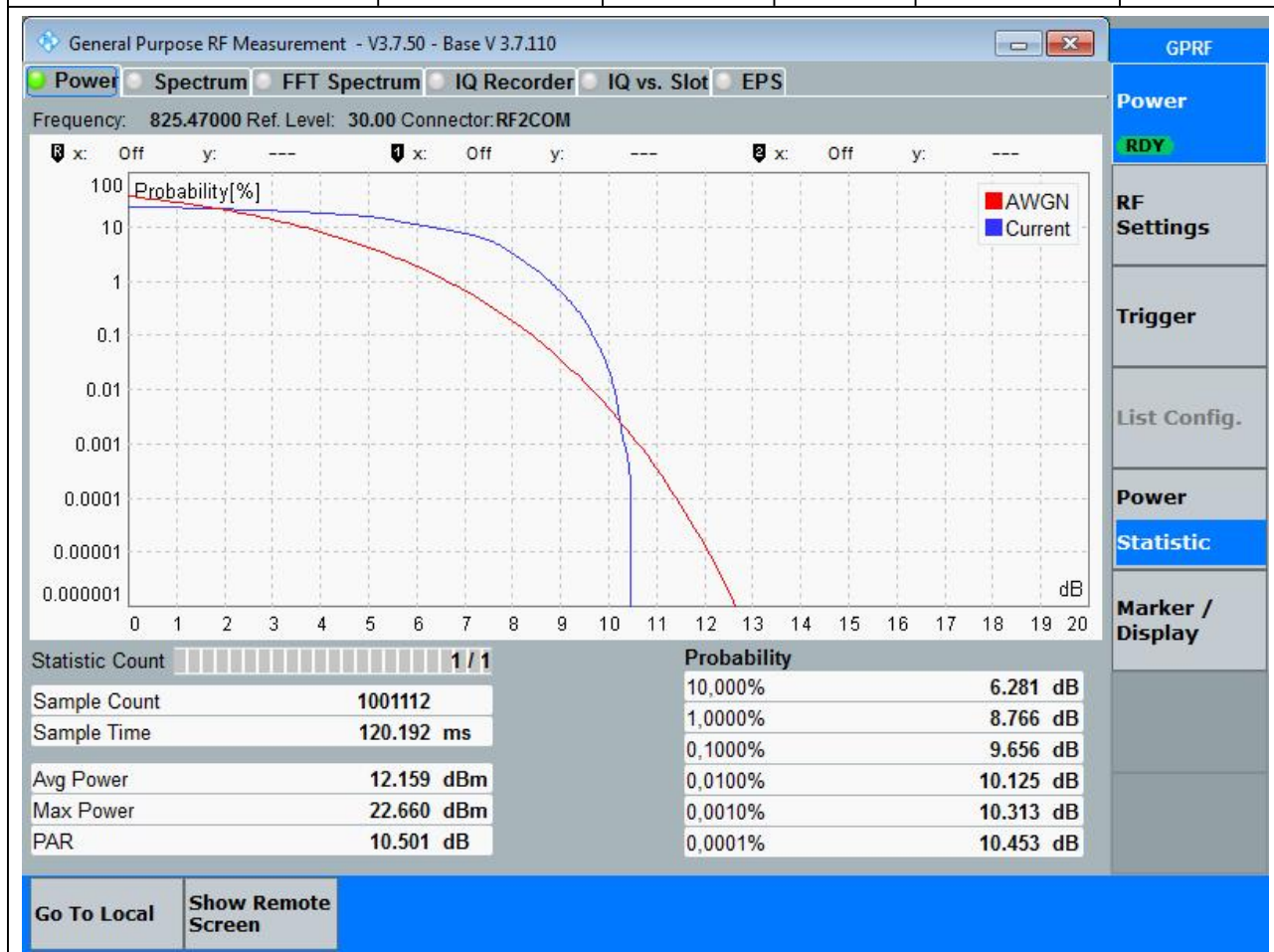
8. Cat-M_Band26(part22)

8.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26865, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



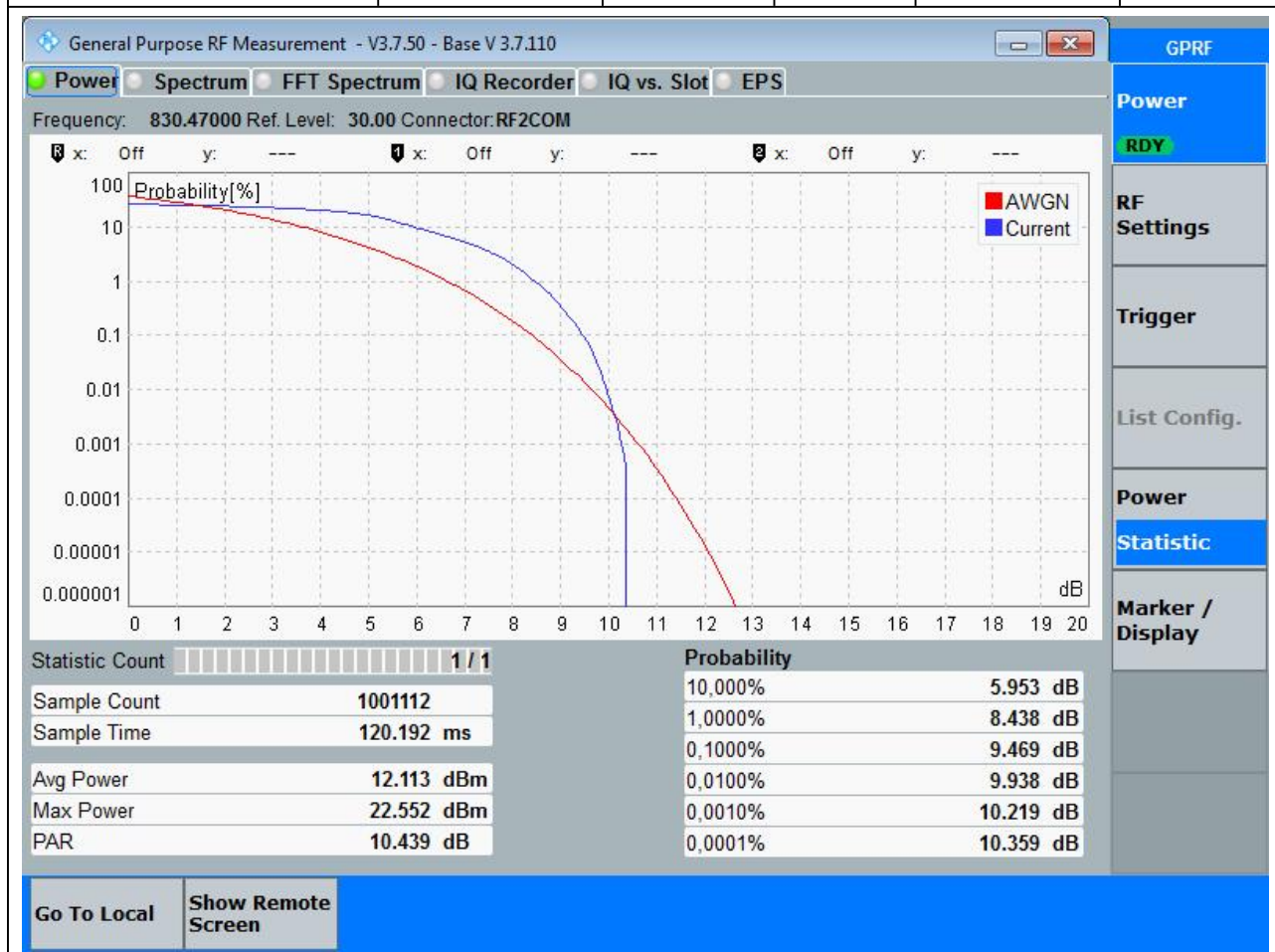
8.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26865, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
825.47	0.1	2	9.66	13	Pass



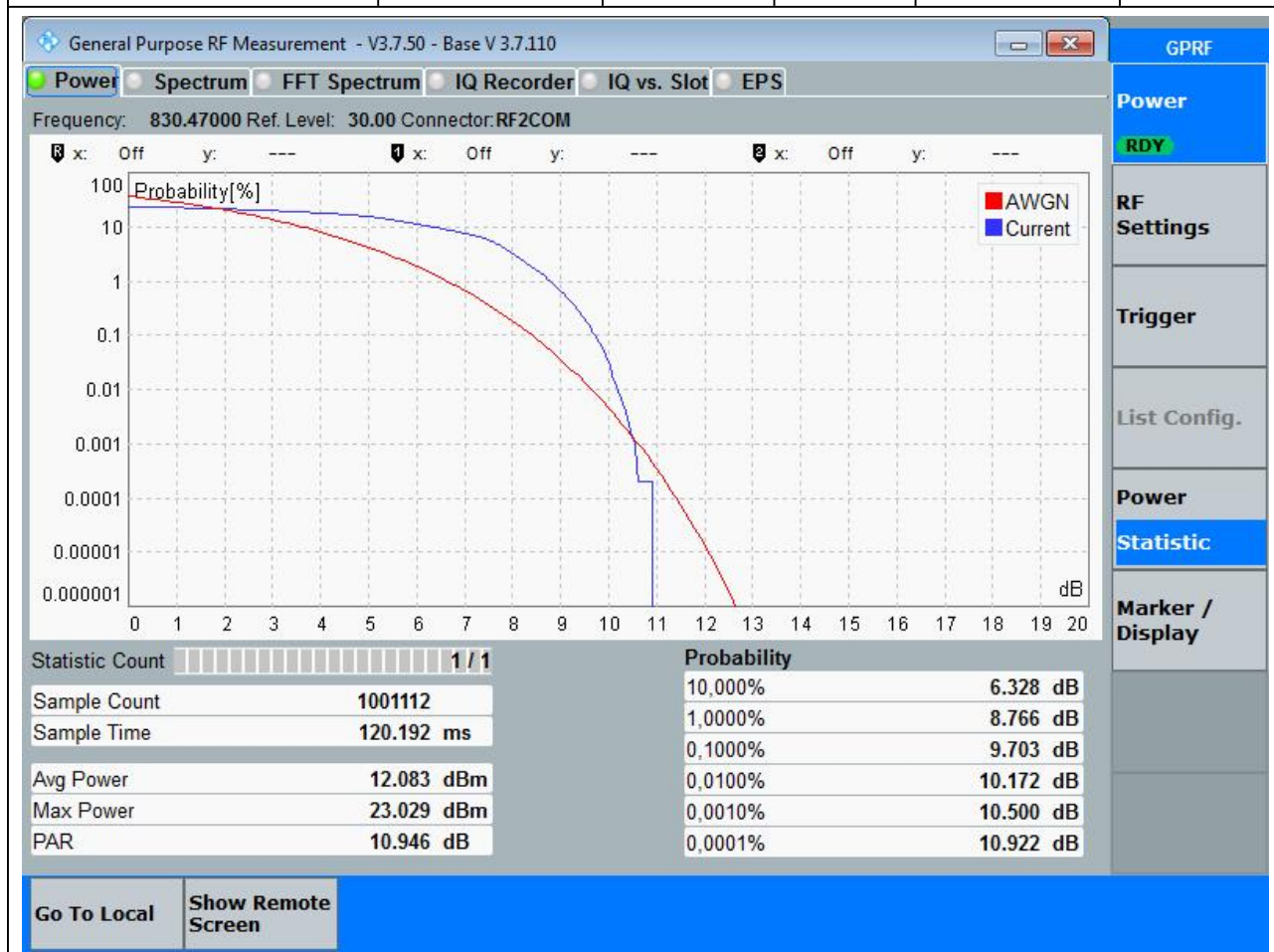
8.3. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26915, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
830.47	0.1	2	9.47	13	Pass



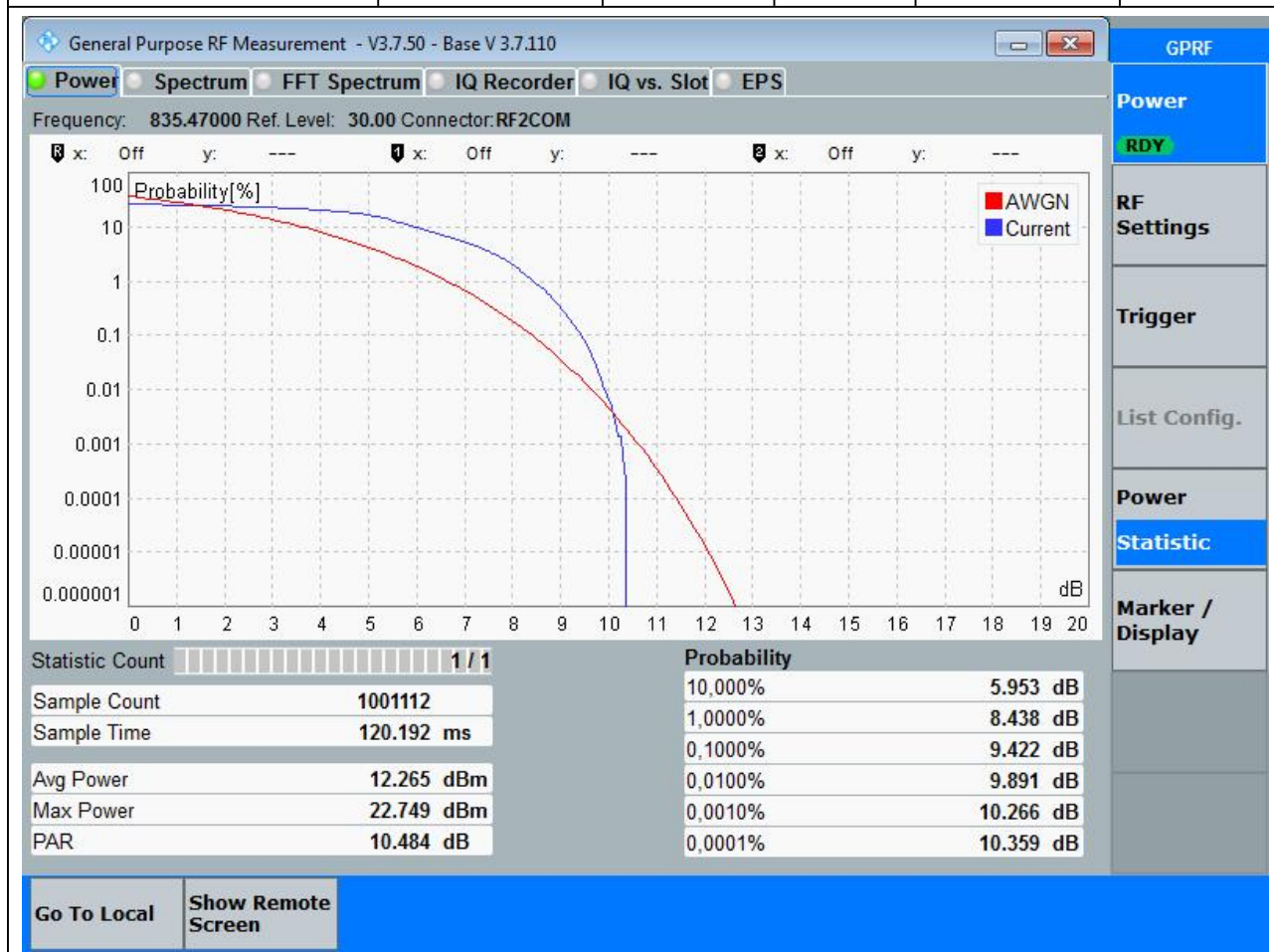
8.4. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26915, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
830.47	0.1	2	9.7	13	Pass



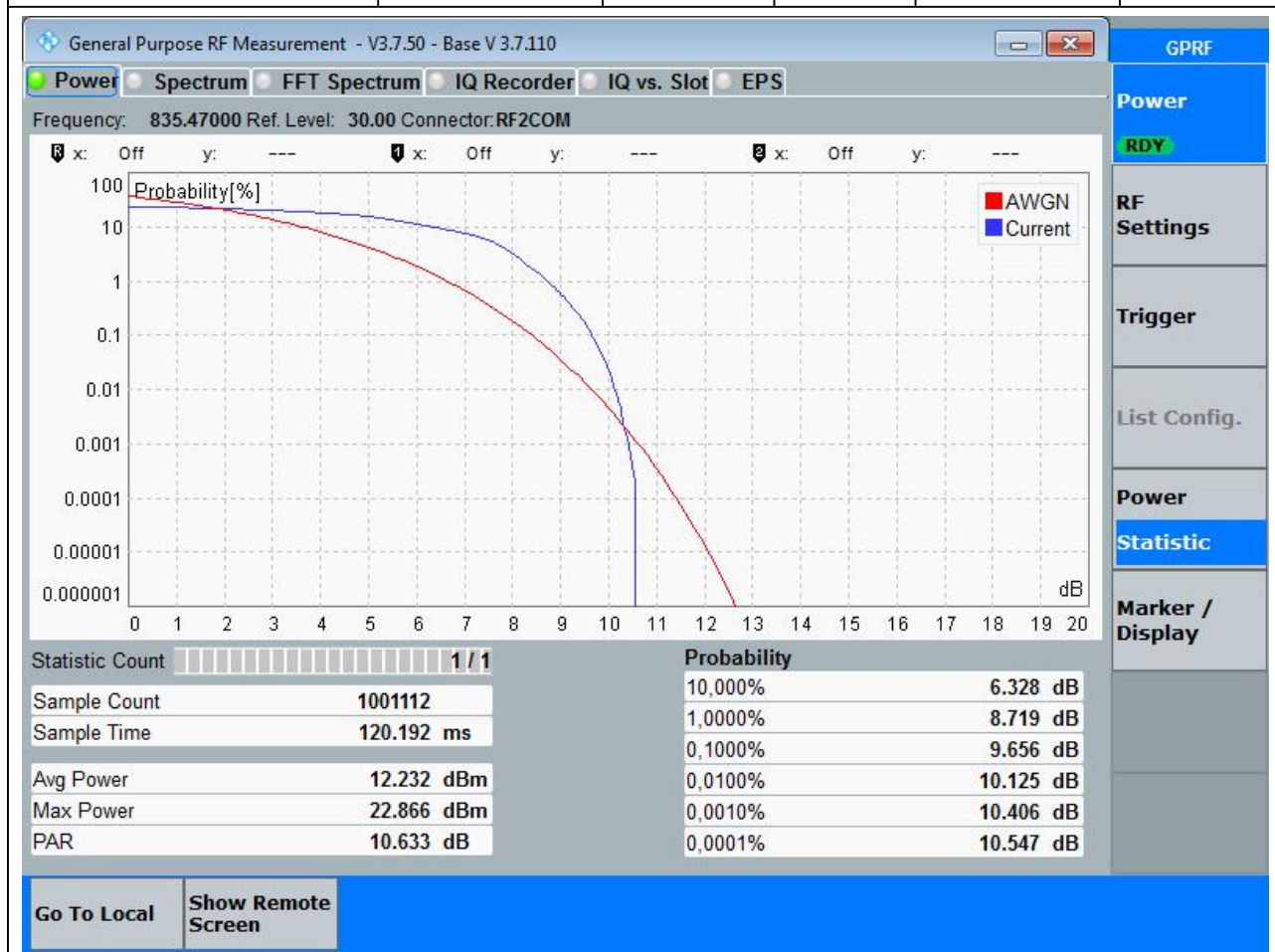
8.5. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26965, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
835.47	0.1	2	9.42	13	Pass



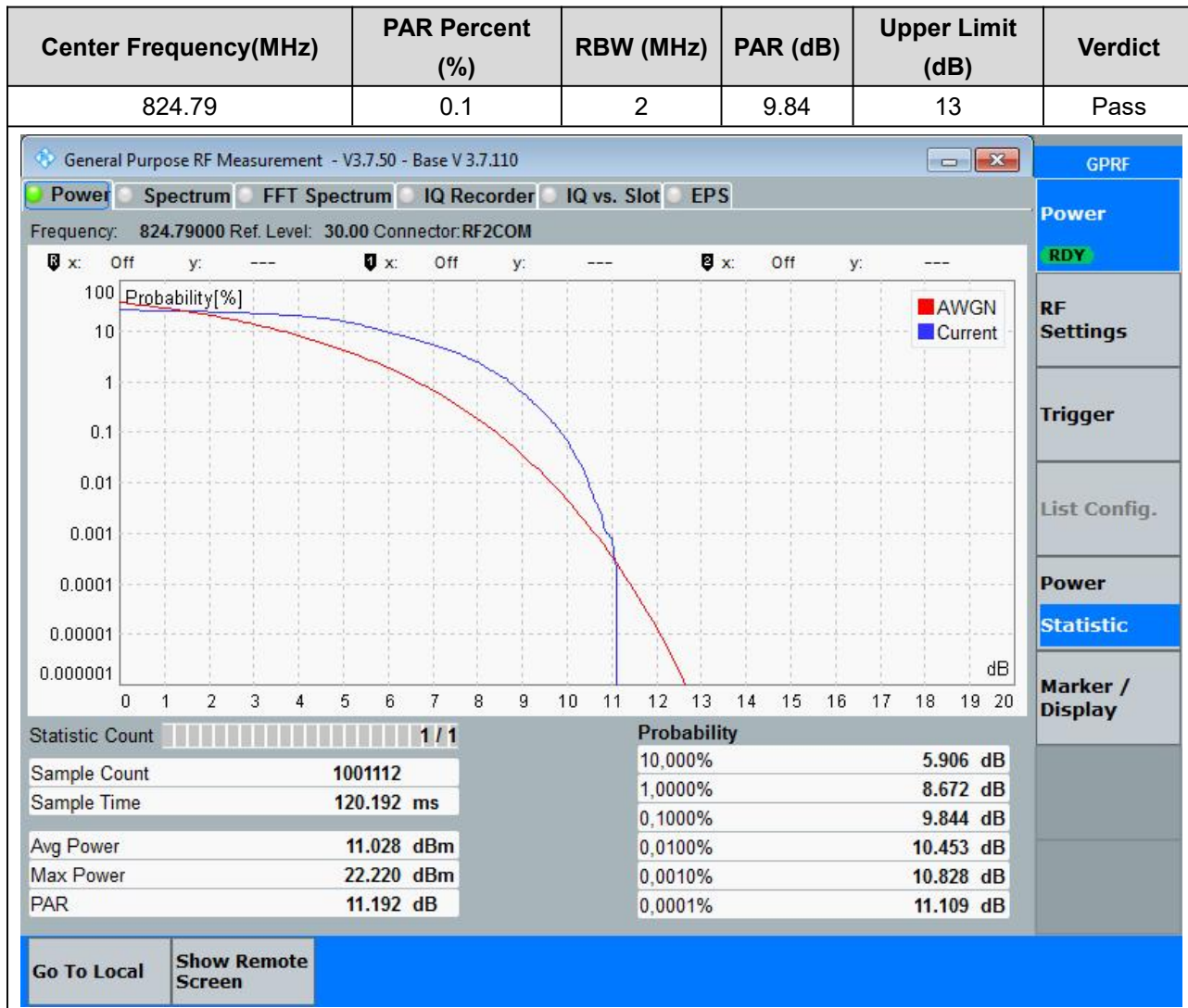
8.6. Cat-M Peak to Average Ratio_Part22-24-27(Channel:26965, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
835.47	0.1	2	9.66	13	Pass



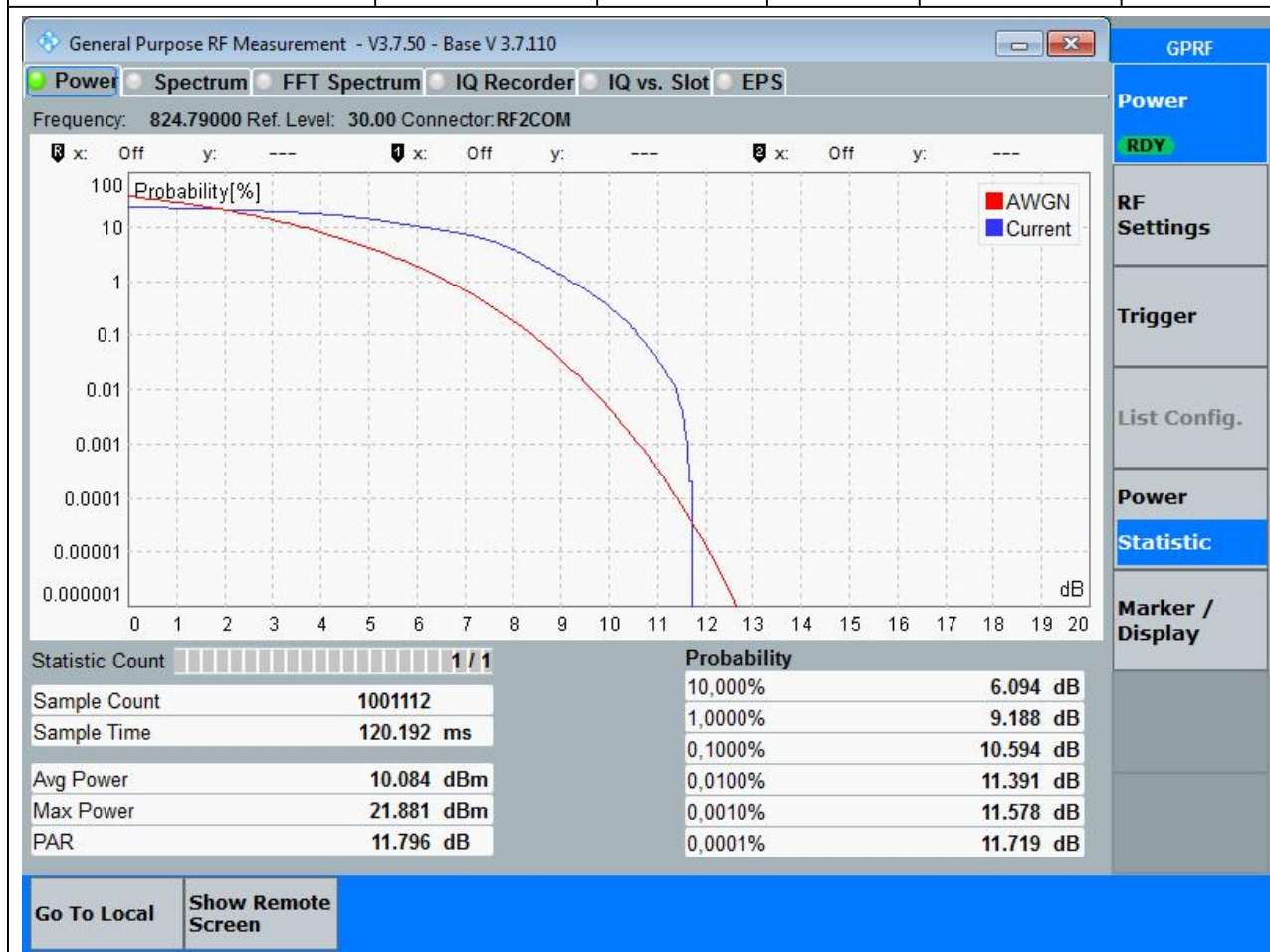
9. Cat-M_Band18(part22)

9.1. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23965, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)



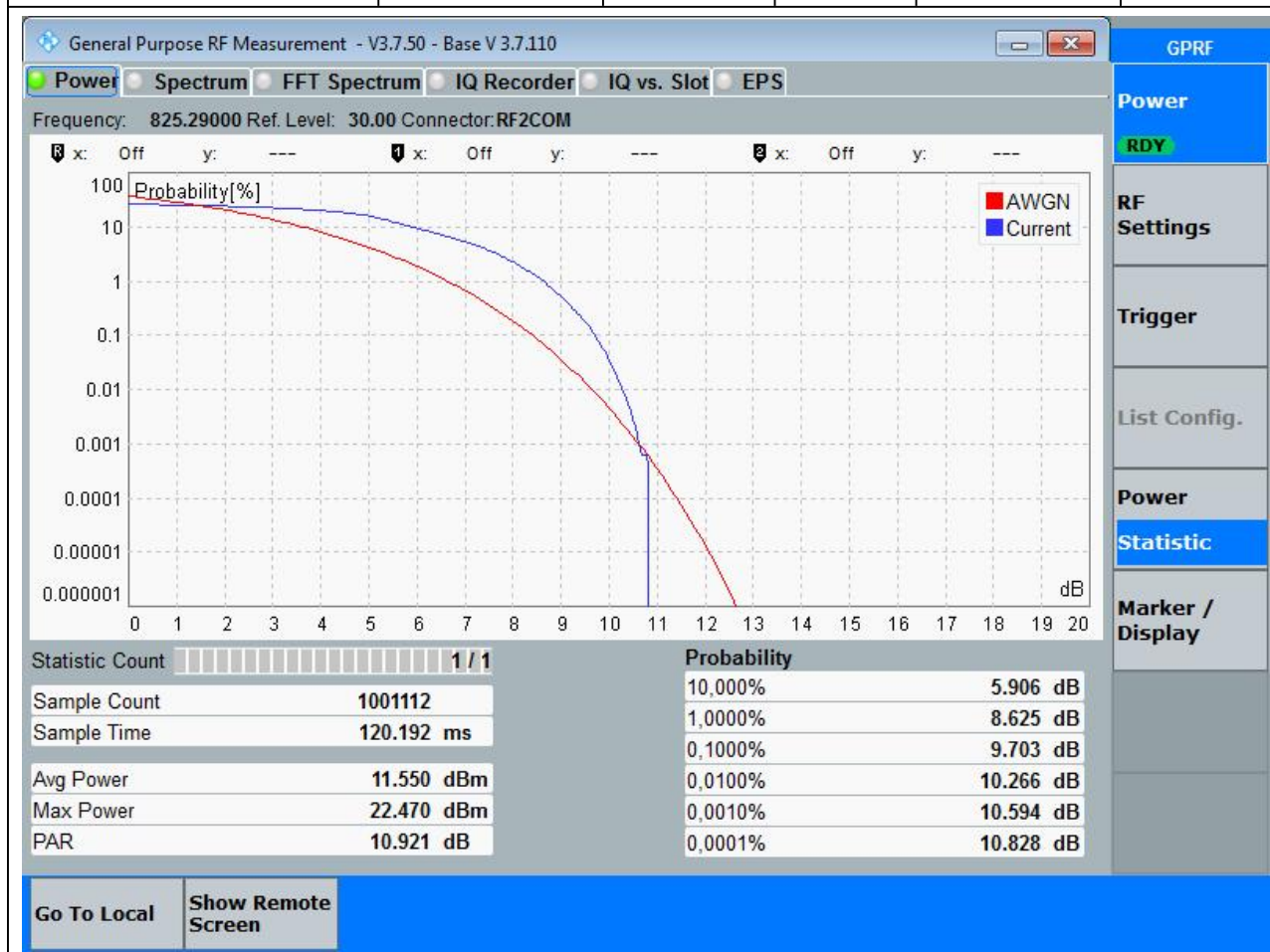
9.2. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23965, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
824.79	0.1	2	10.59	13	Pass



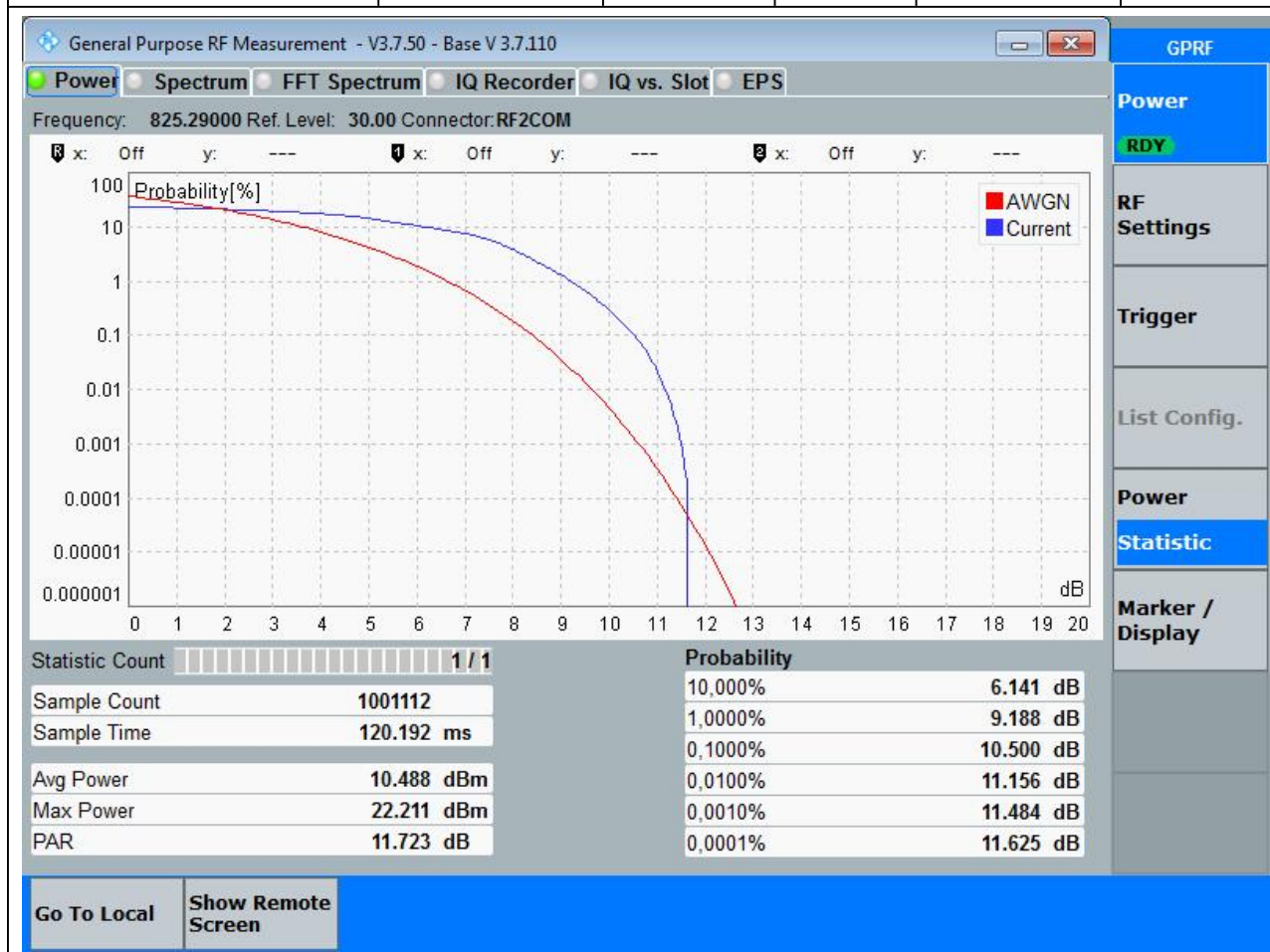
9.3. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23970, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
825.29	0.1	2	9.7	13	Pass



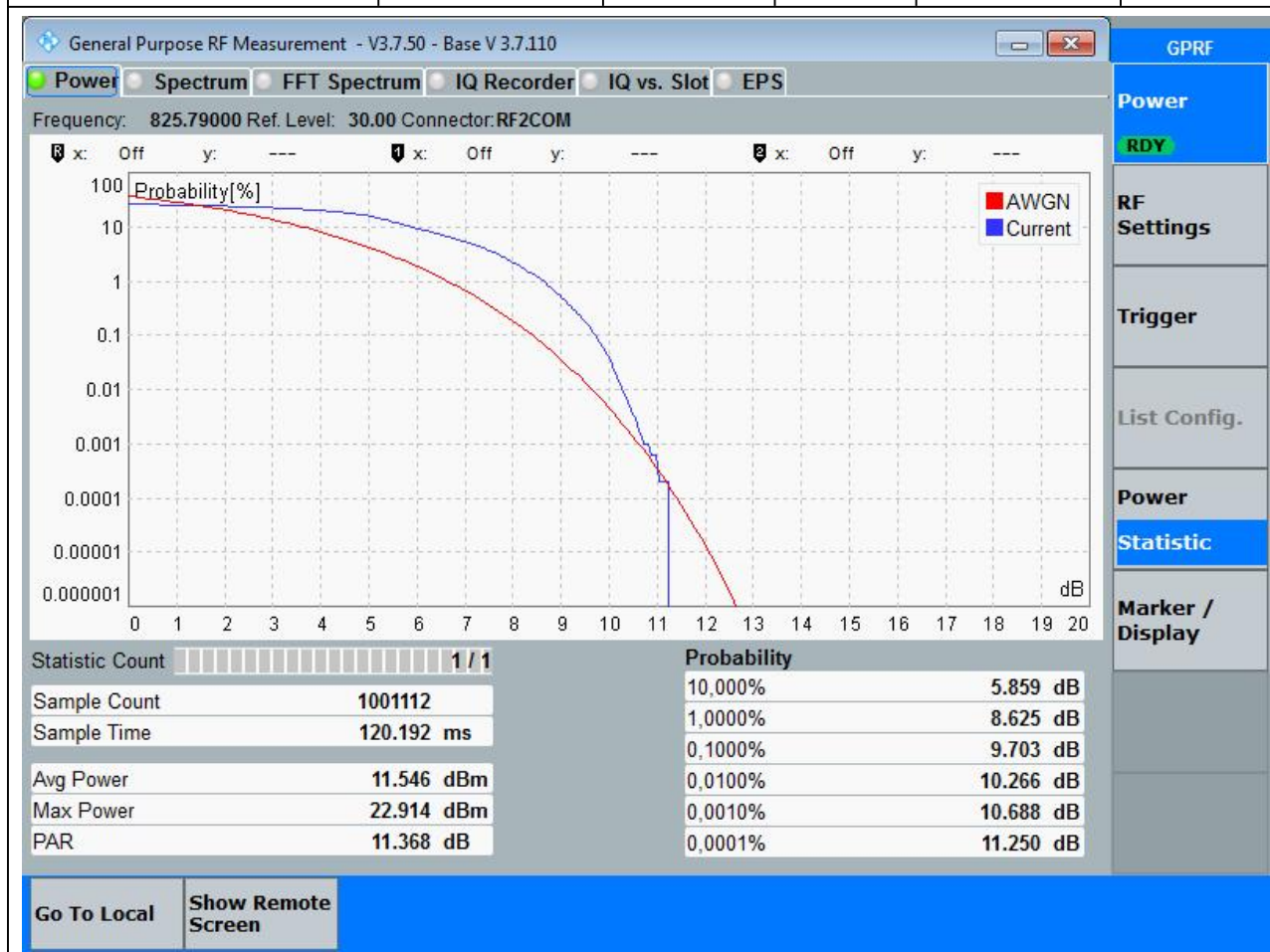
9.4. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23970, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
825.29	0.1	2	10.5	13	Pass



9.5. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23975, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
825.79	0.1	2	9.7	13	Pass



9.6. Cat-M Peak to Average Ratio_Part22-24-27(Channel:23975, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)

Center Frequency(MHz)	PAR Percent (%)	RBW (MHz)	PAR (dB)	Upper Limit (dB)	Verdict
825.79	0.1	2	10.45	13	Pass

