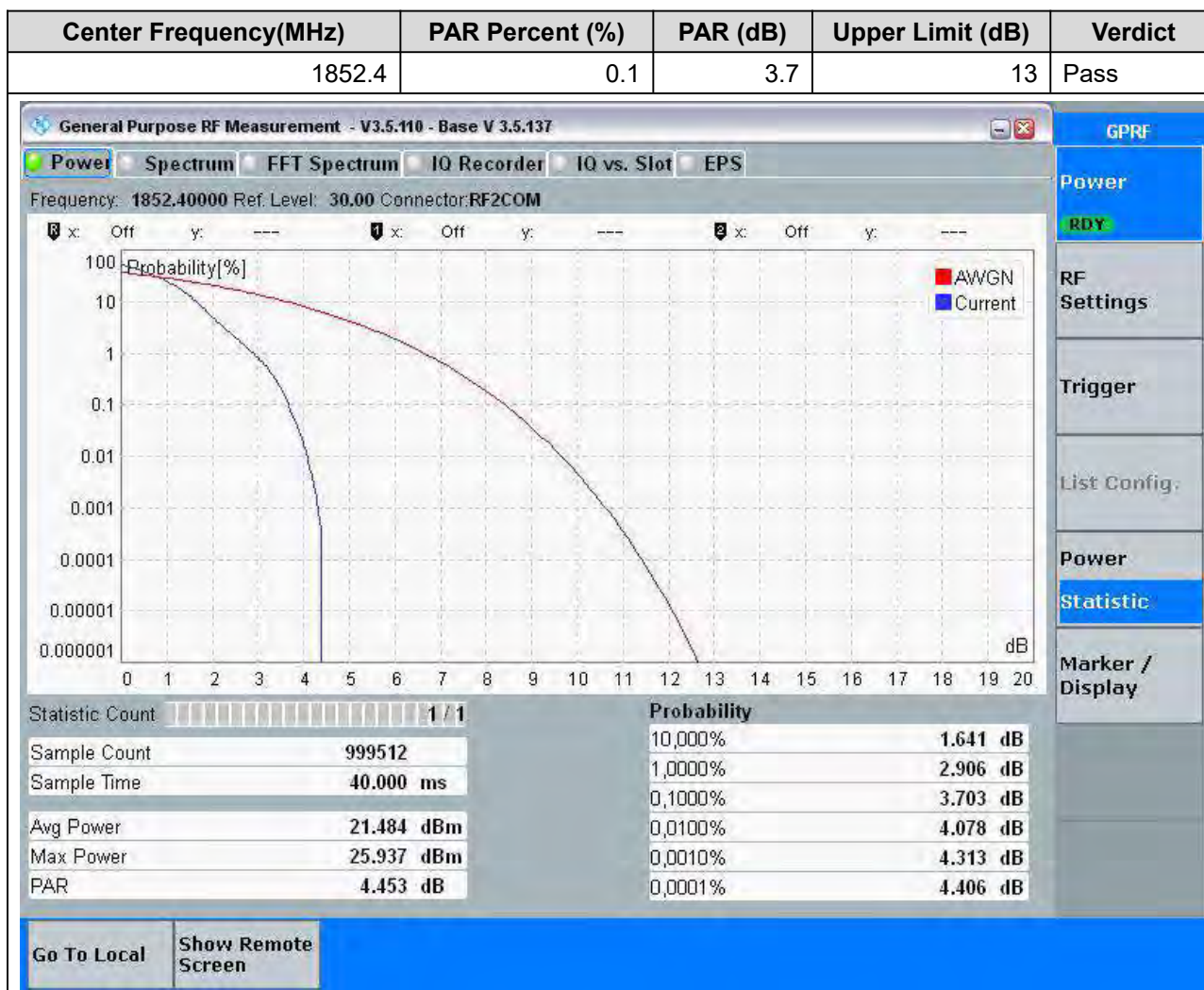


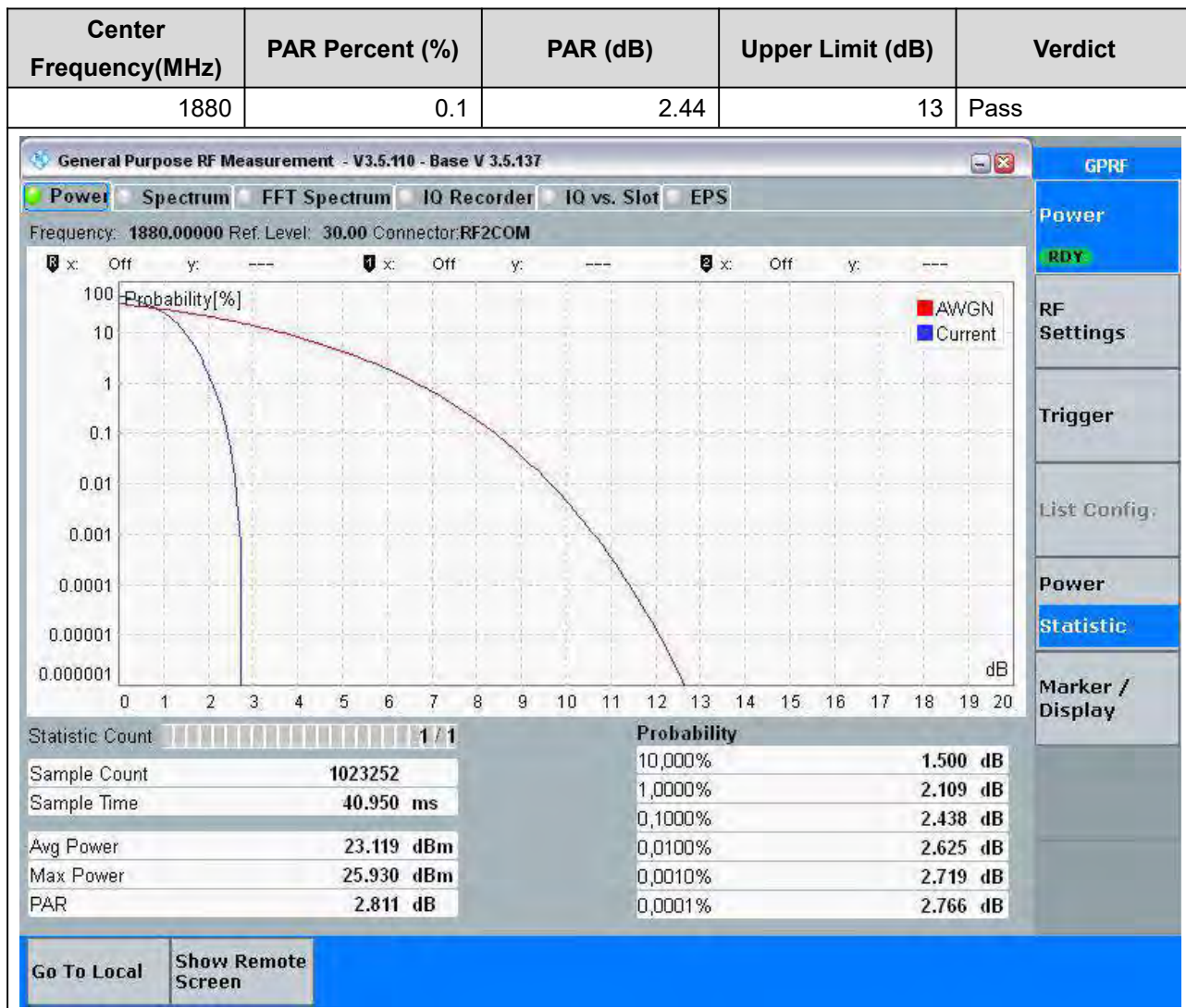
Annex A.2 Peak to Average Ratio

1. WCDMA_Band2

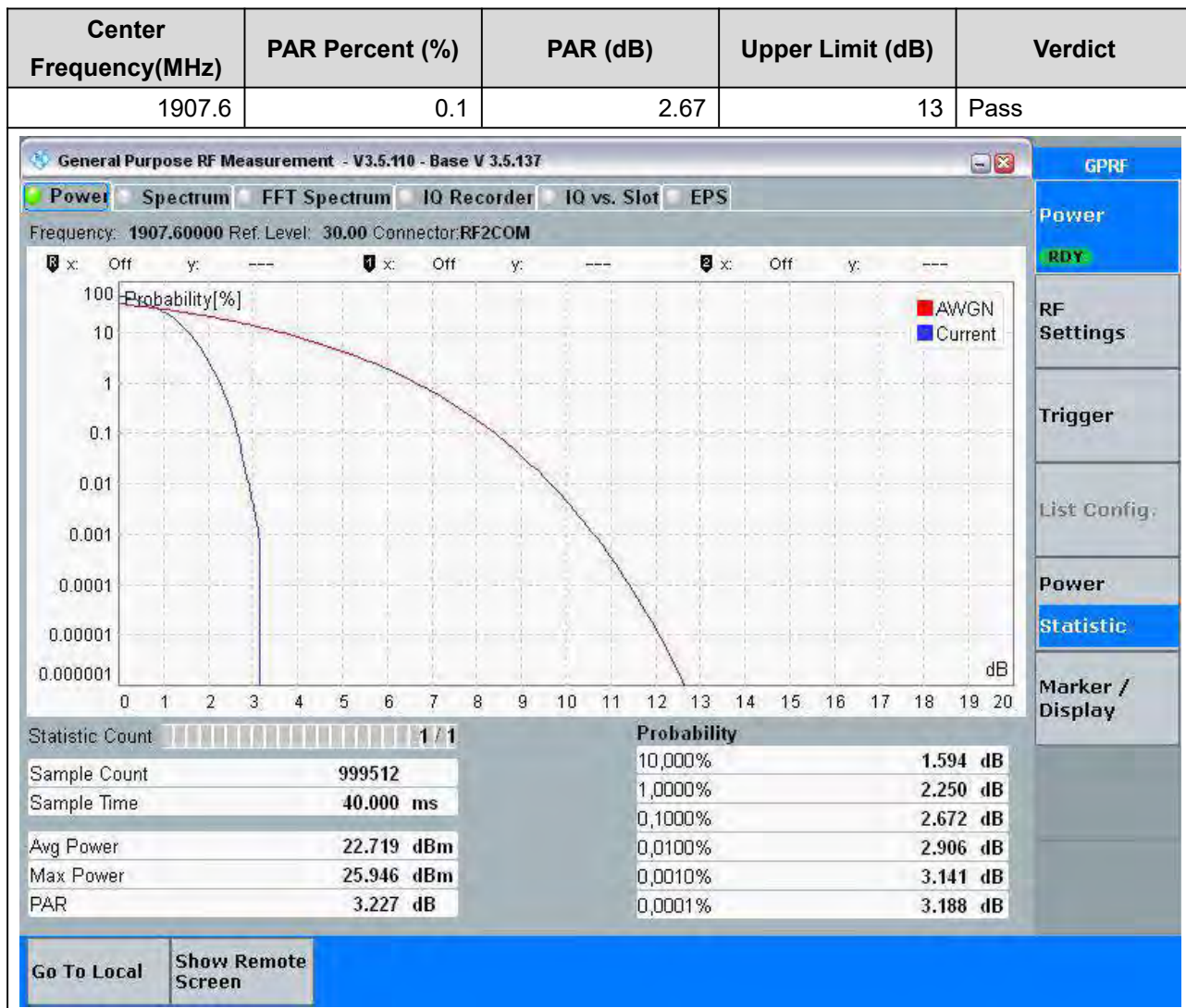
1.1 WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9262)



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



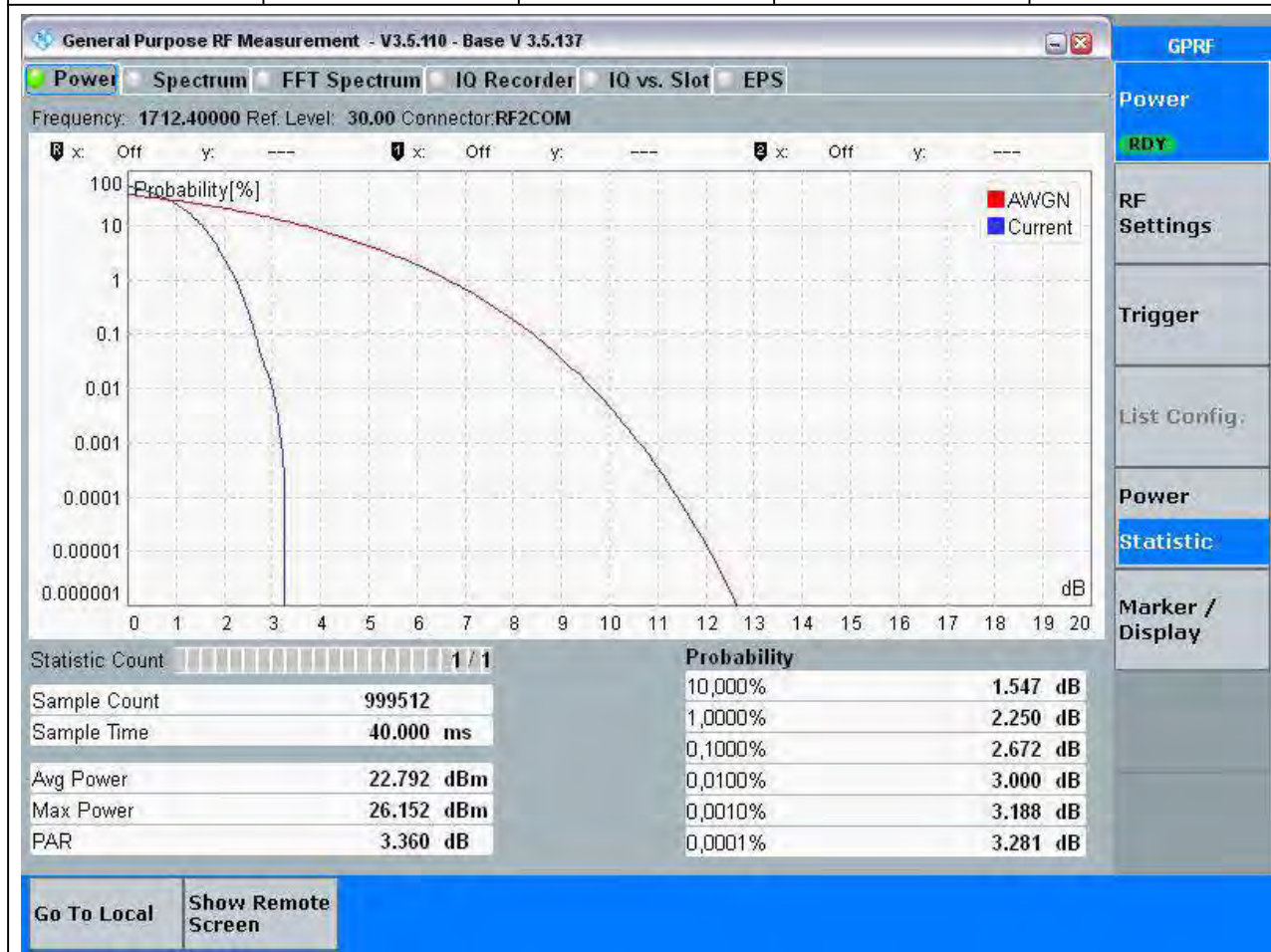
1.3 WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:9538)



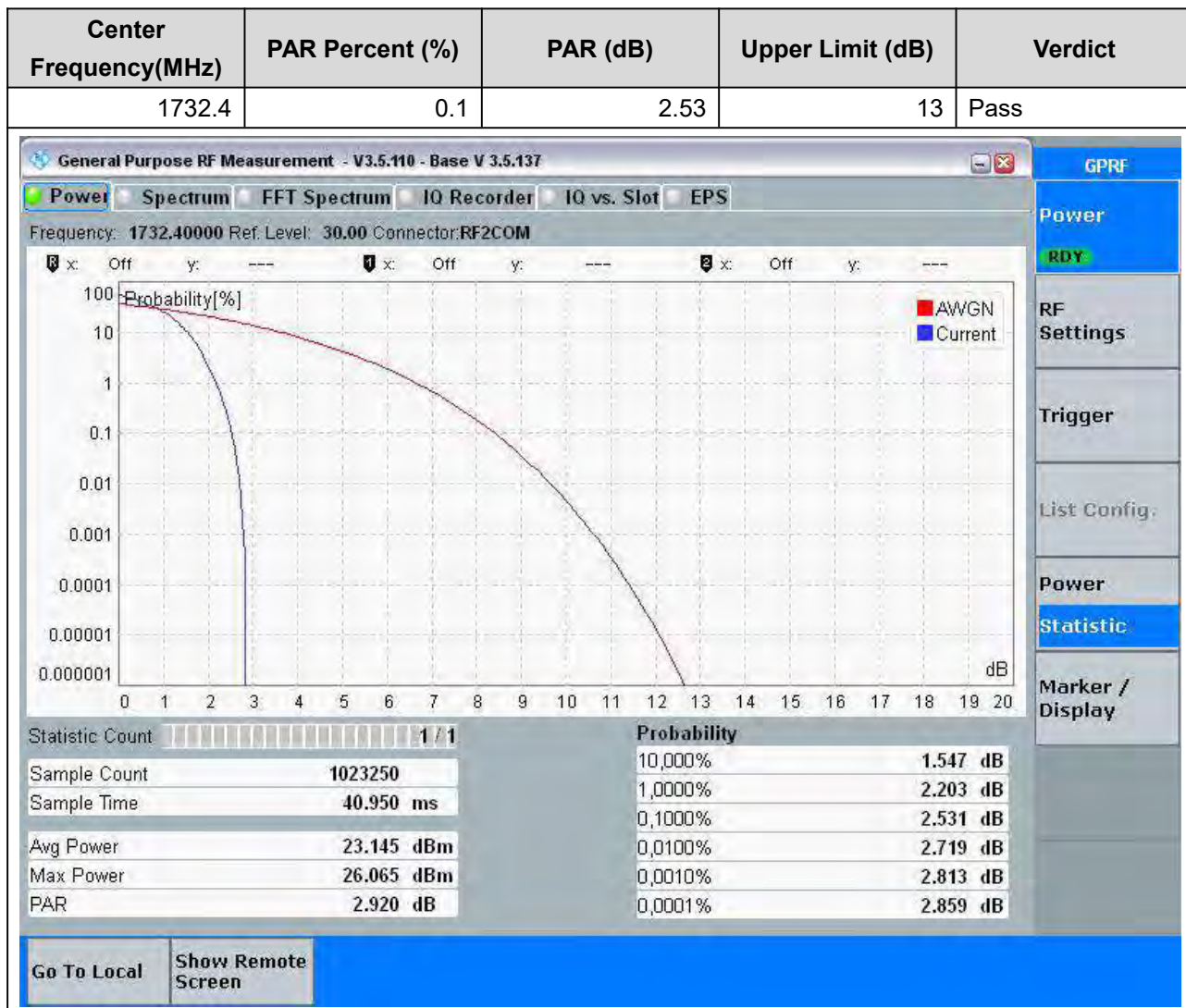
2. WCDMA_Band4

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

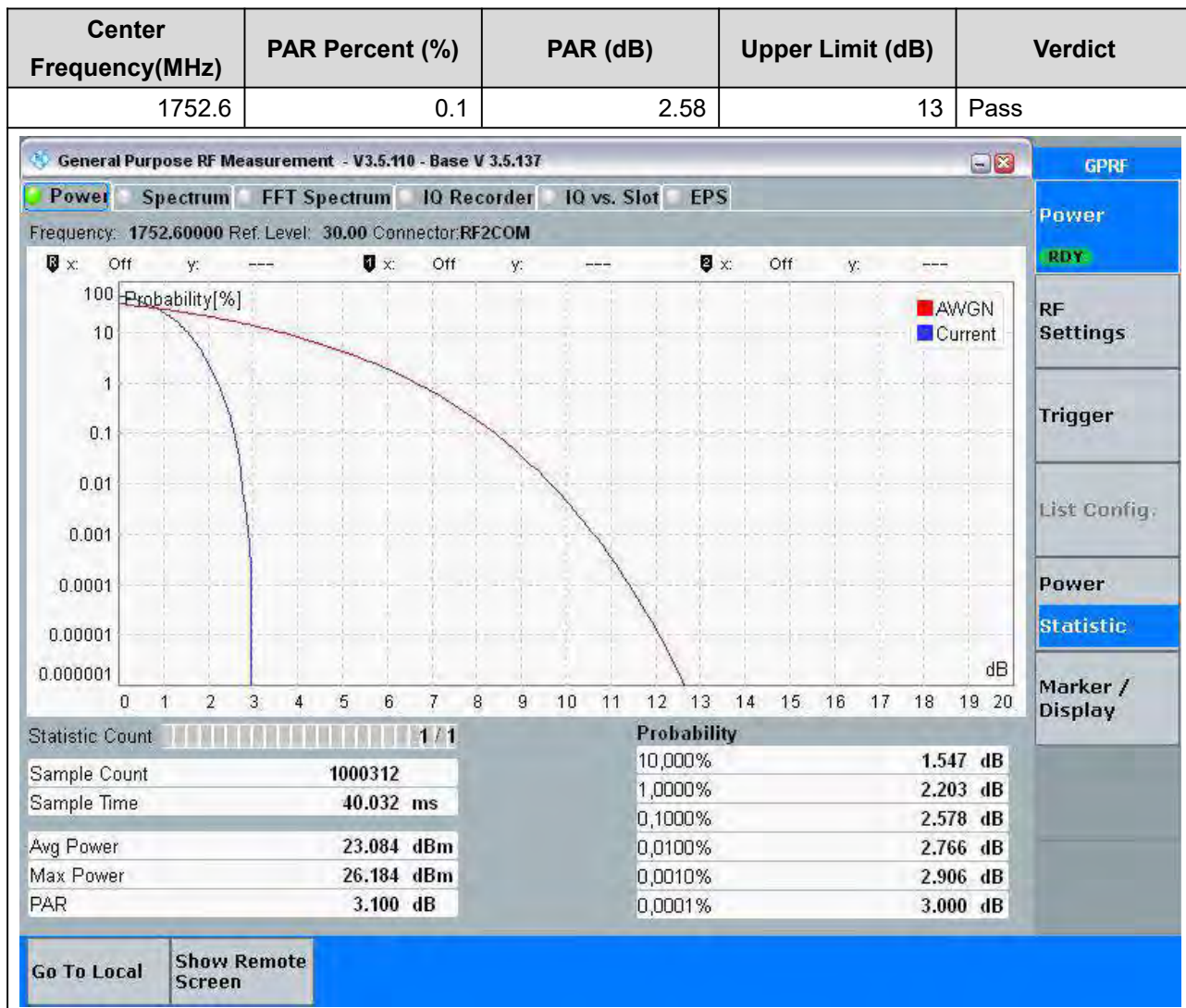
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1712.4	0.1	2.67	13	Pass



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



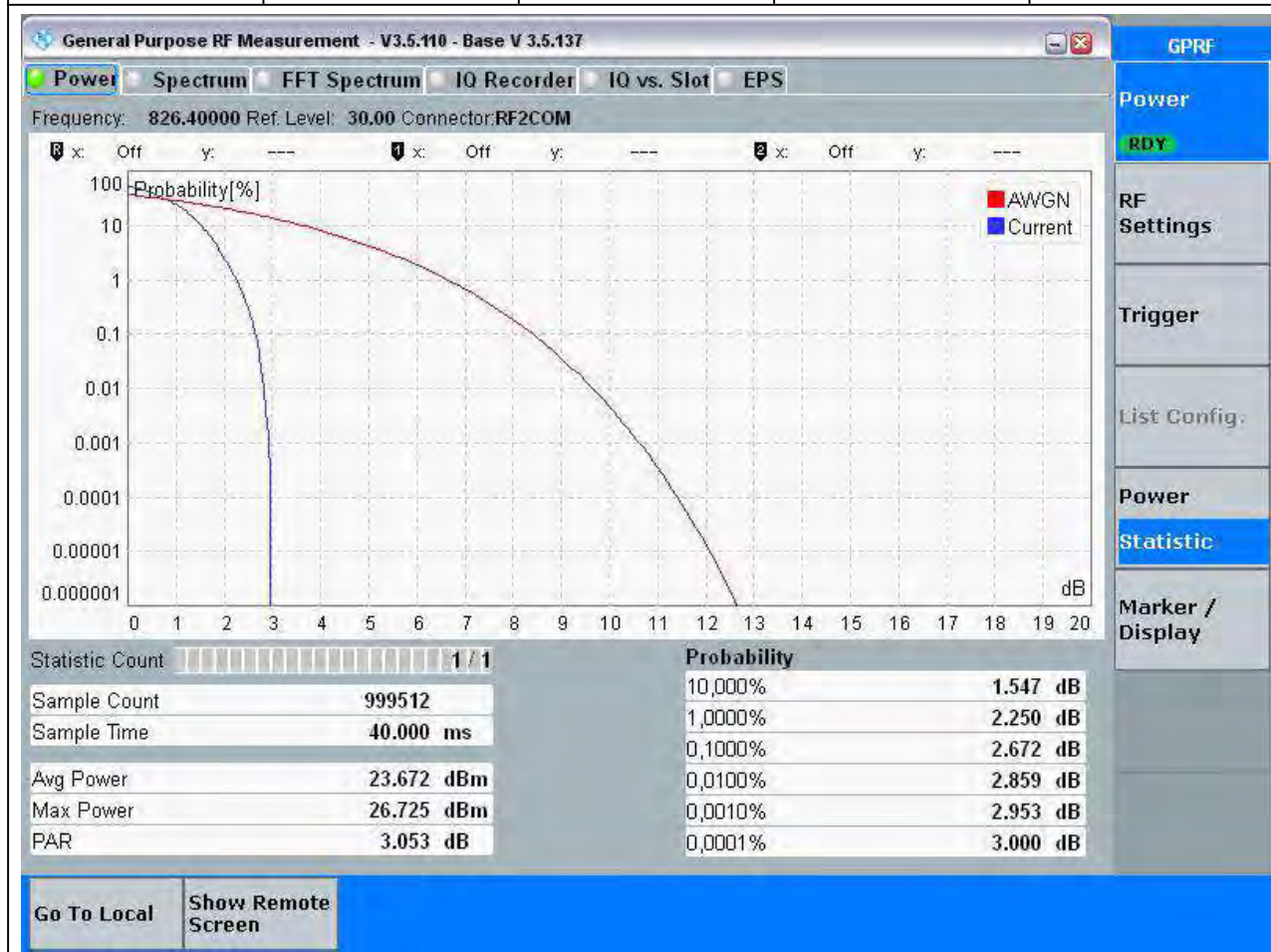
2.3 WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:1513)



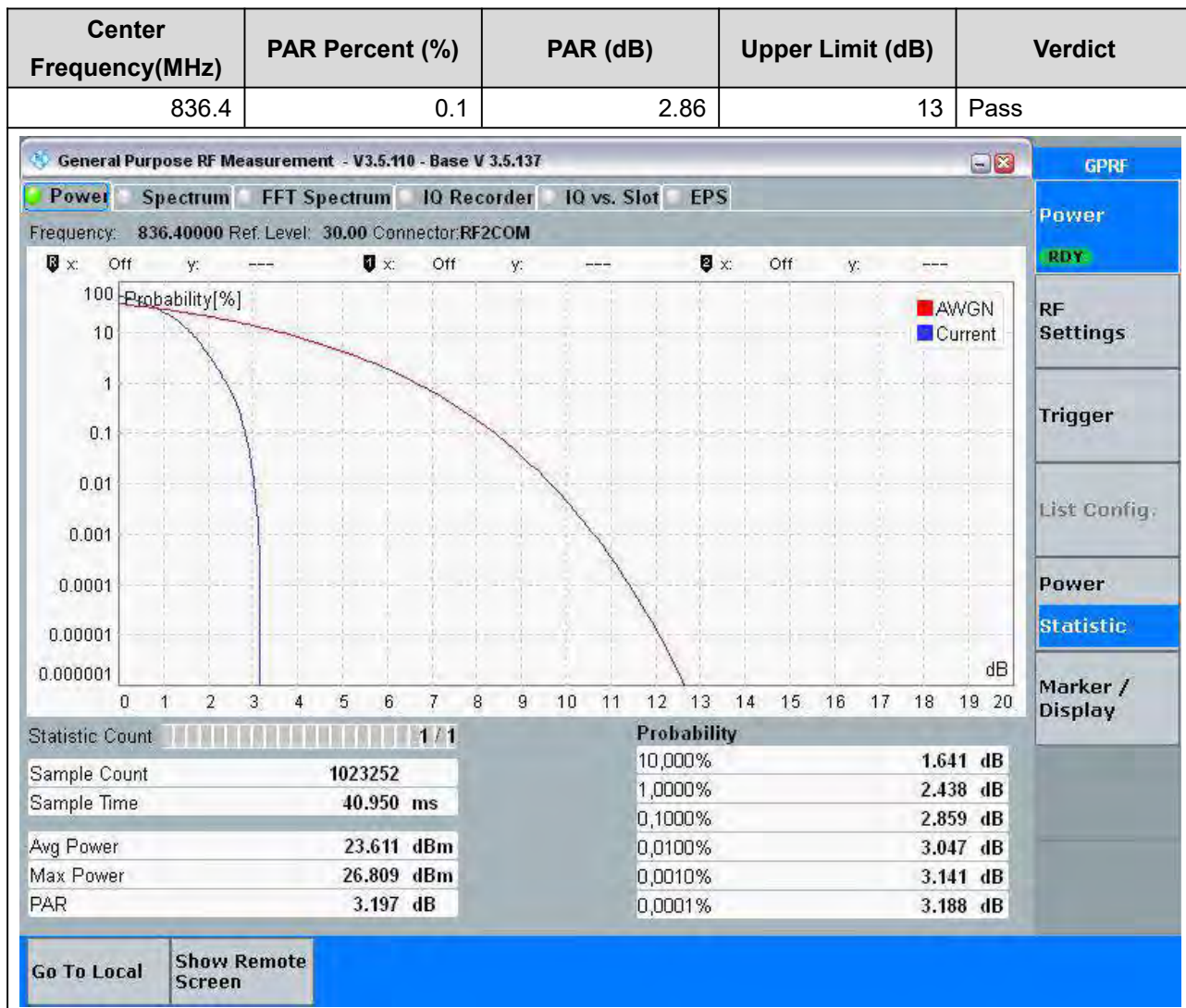
3. WCDMA_Band5

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

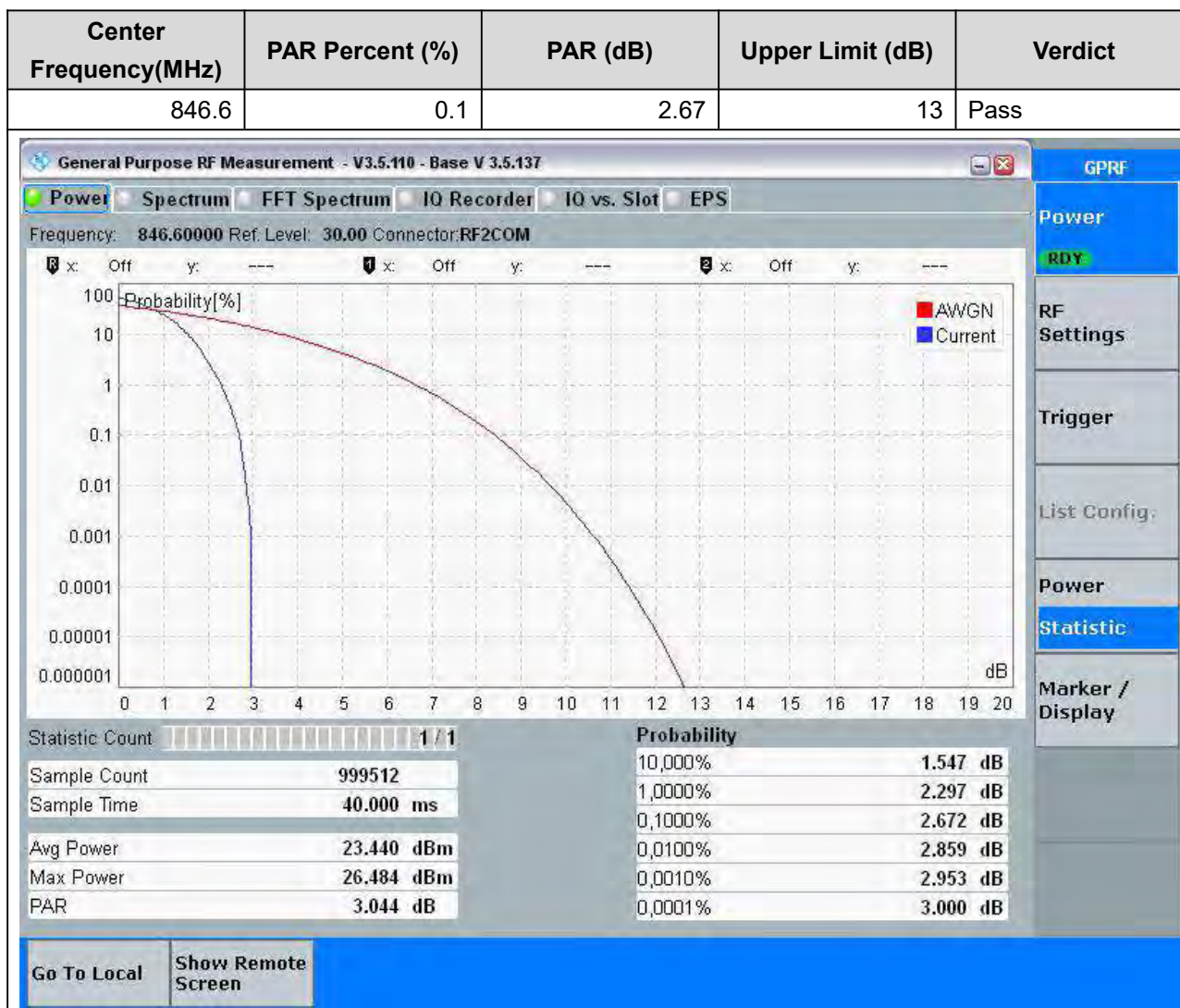
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
826.4	0.1	2.67	13	Pass



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



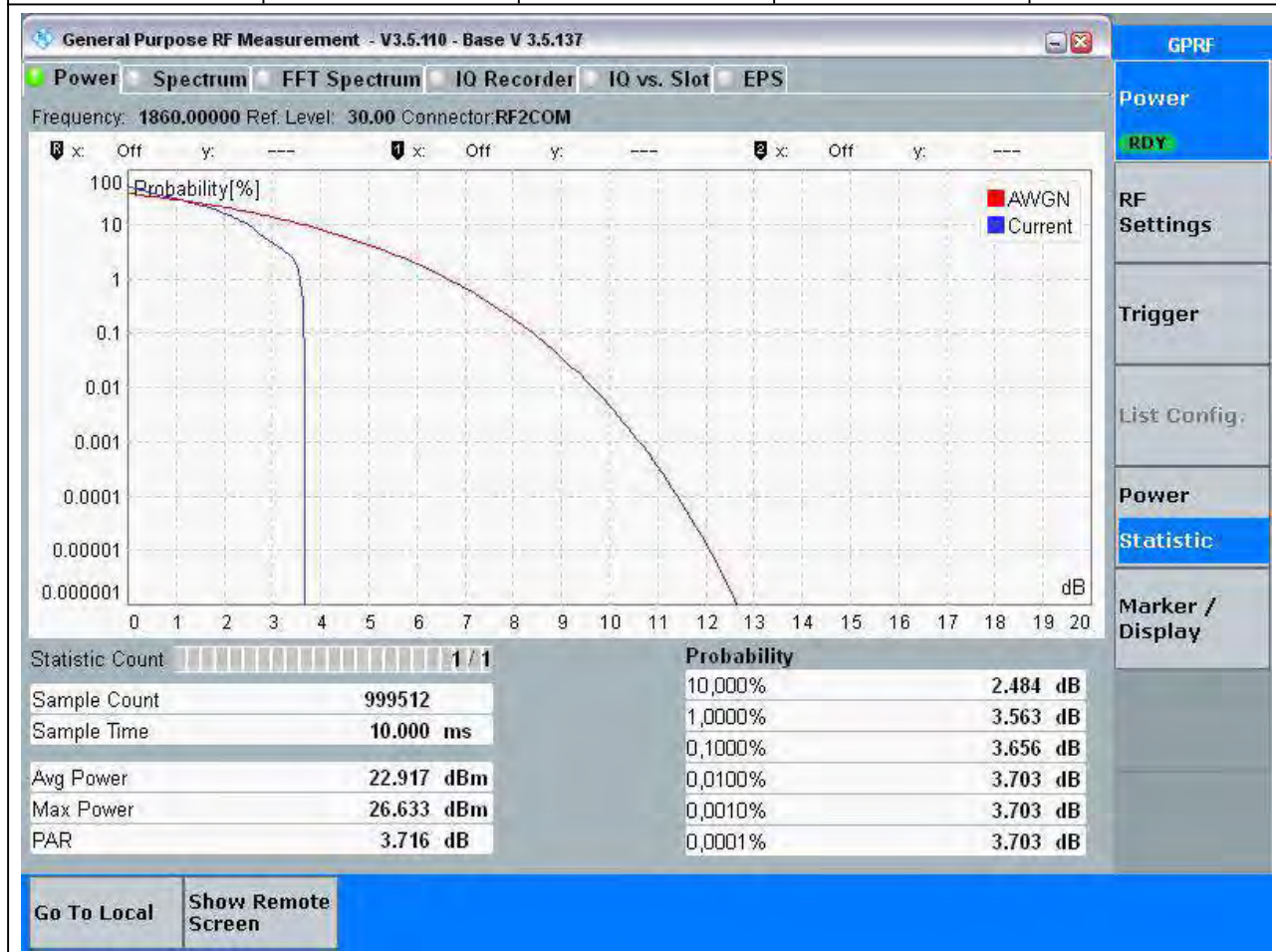
3.3 WCDMA Peak to Average Ratio_Part22-24-27(NTNV)(Channel:4233)



4. LTE_Band2

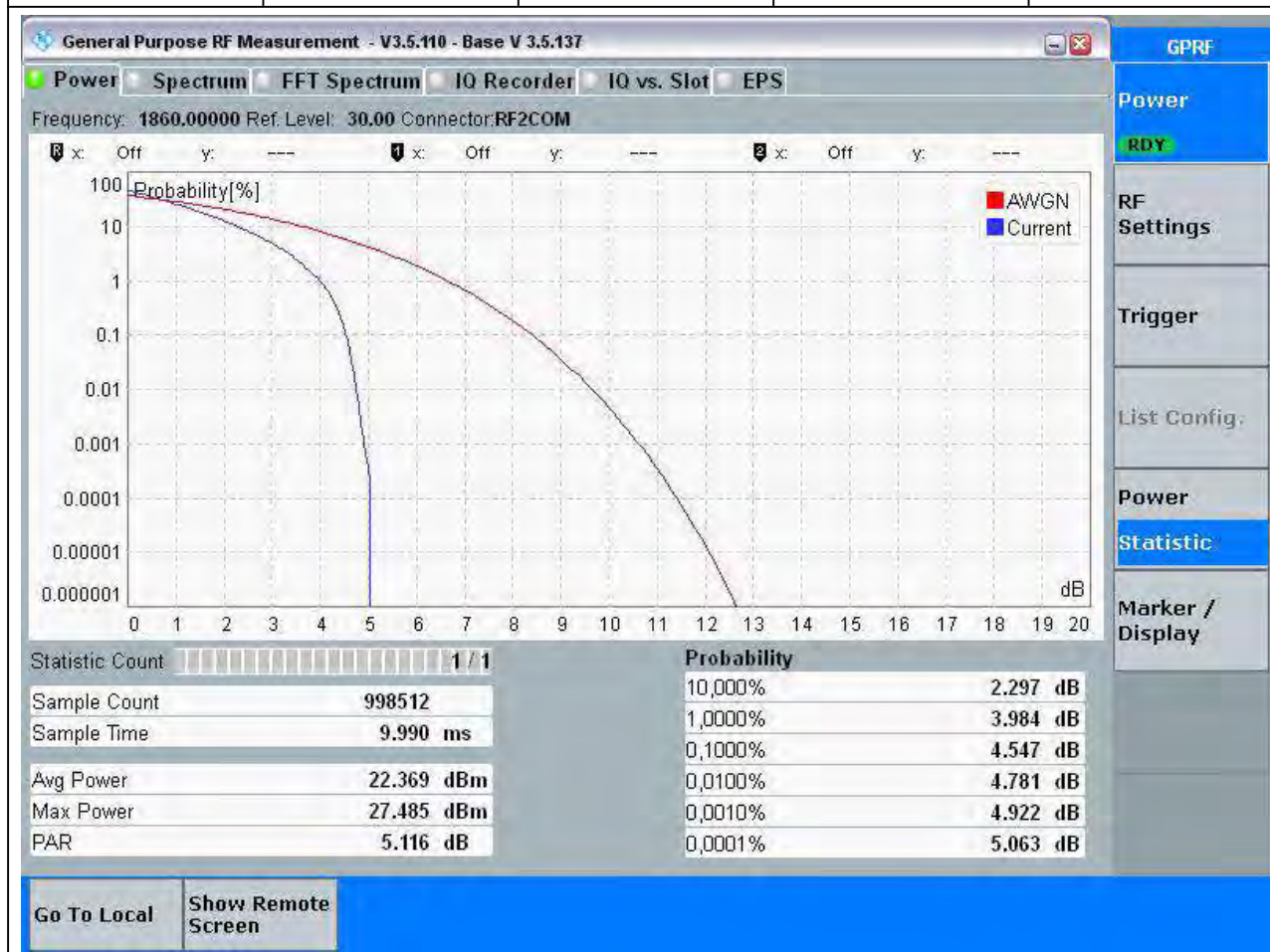
4.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	3.66	13	Pass



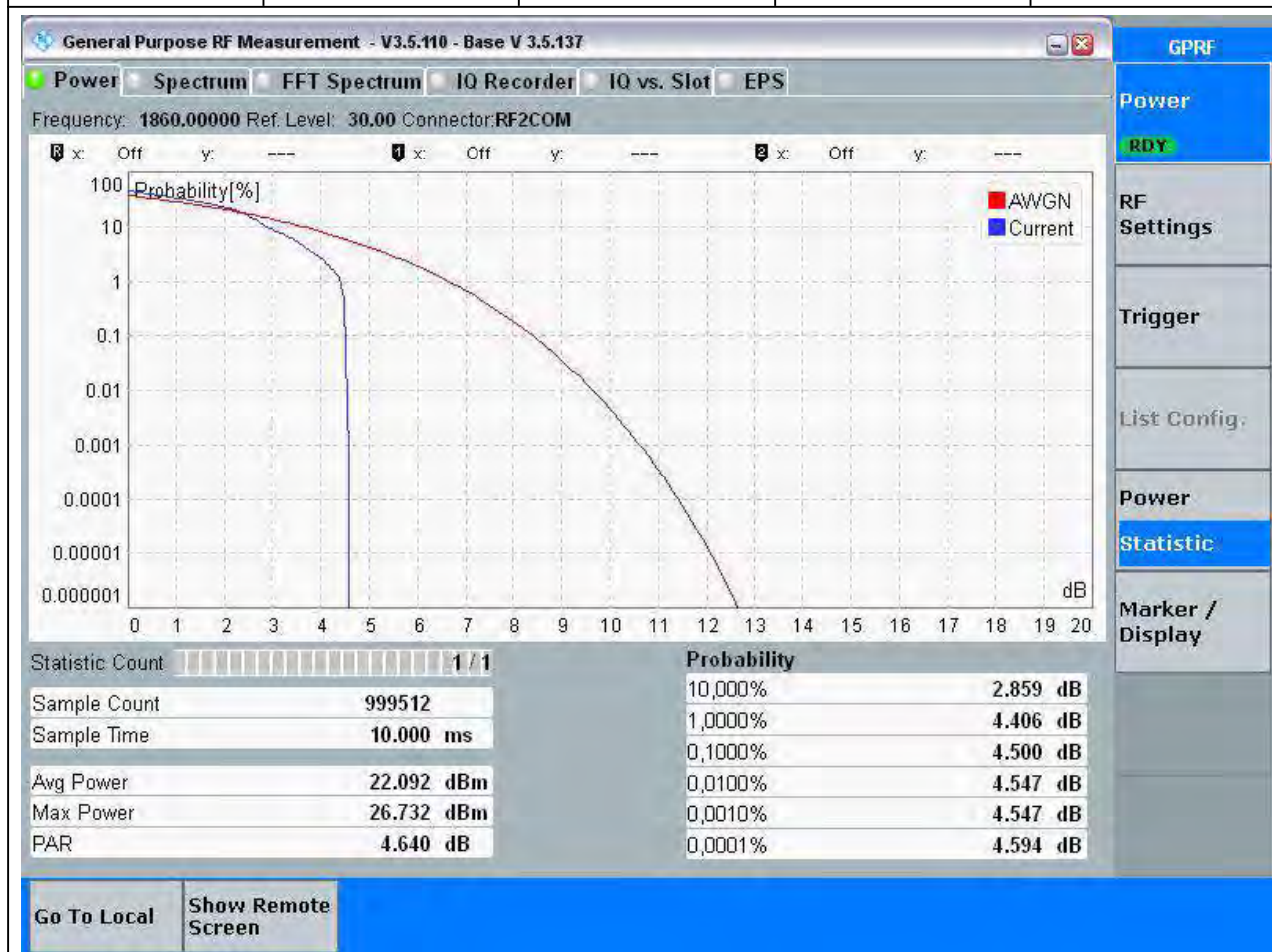
4.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	4.55	13	Pass



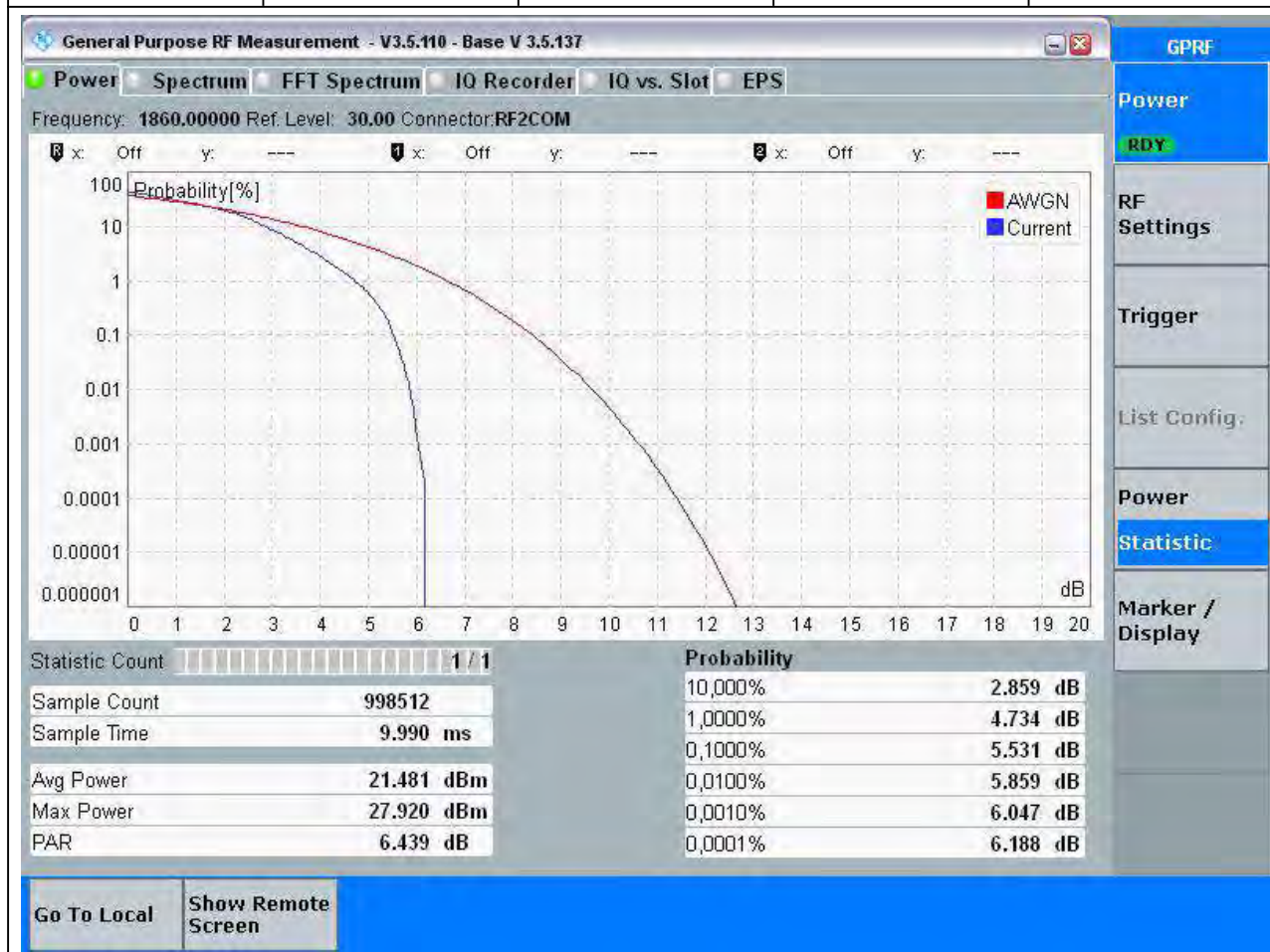
4.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	4.5	13	Pass



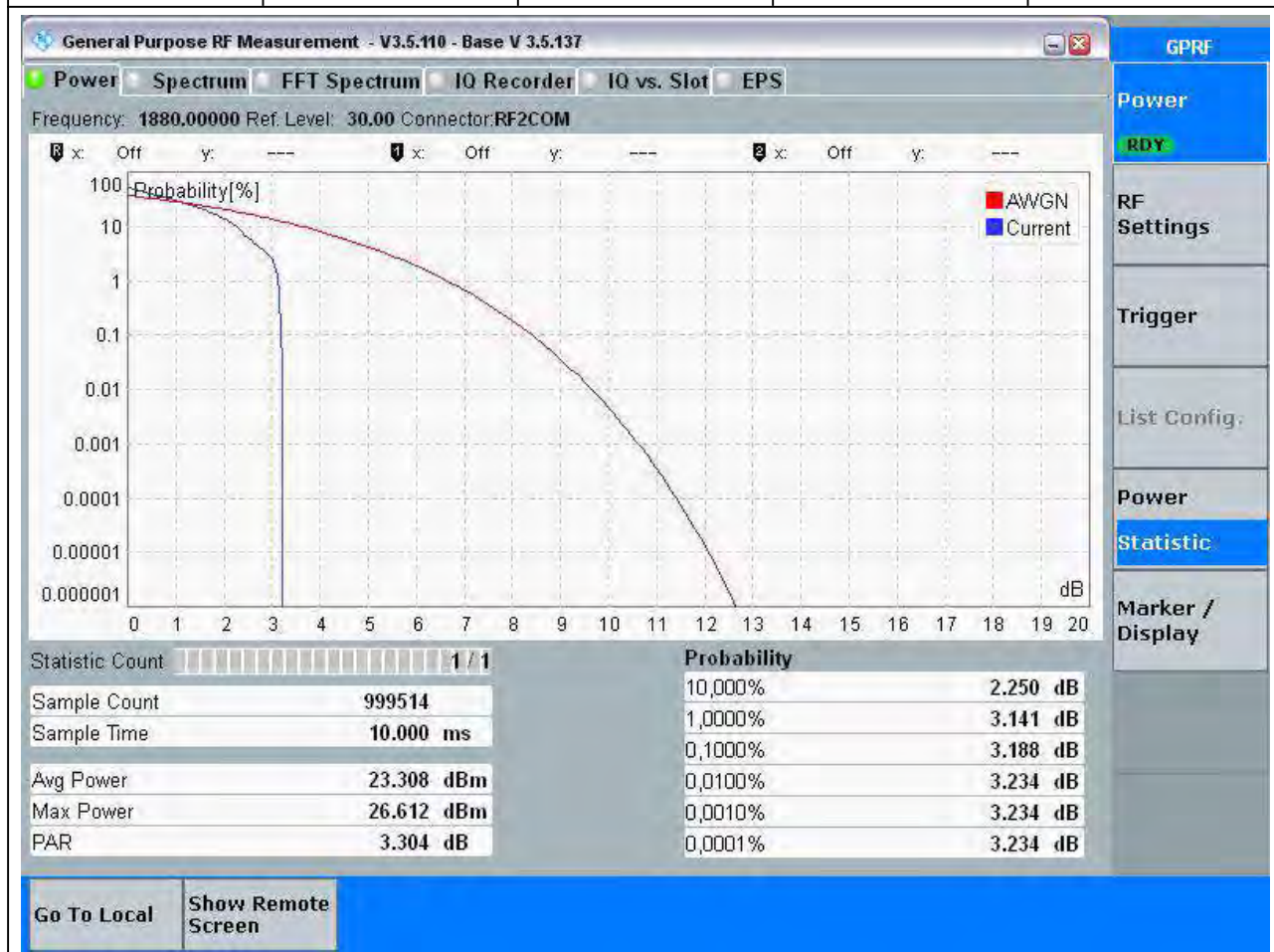
4.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	5.53	13	Pass



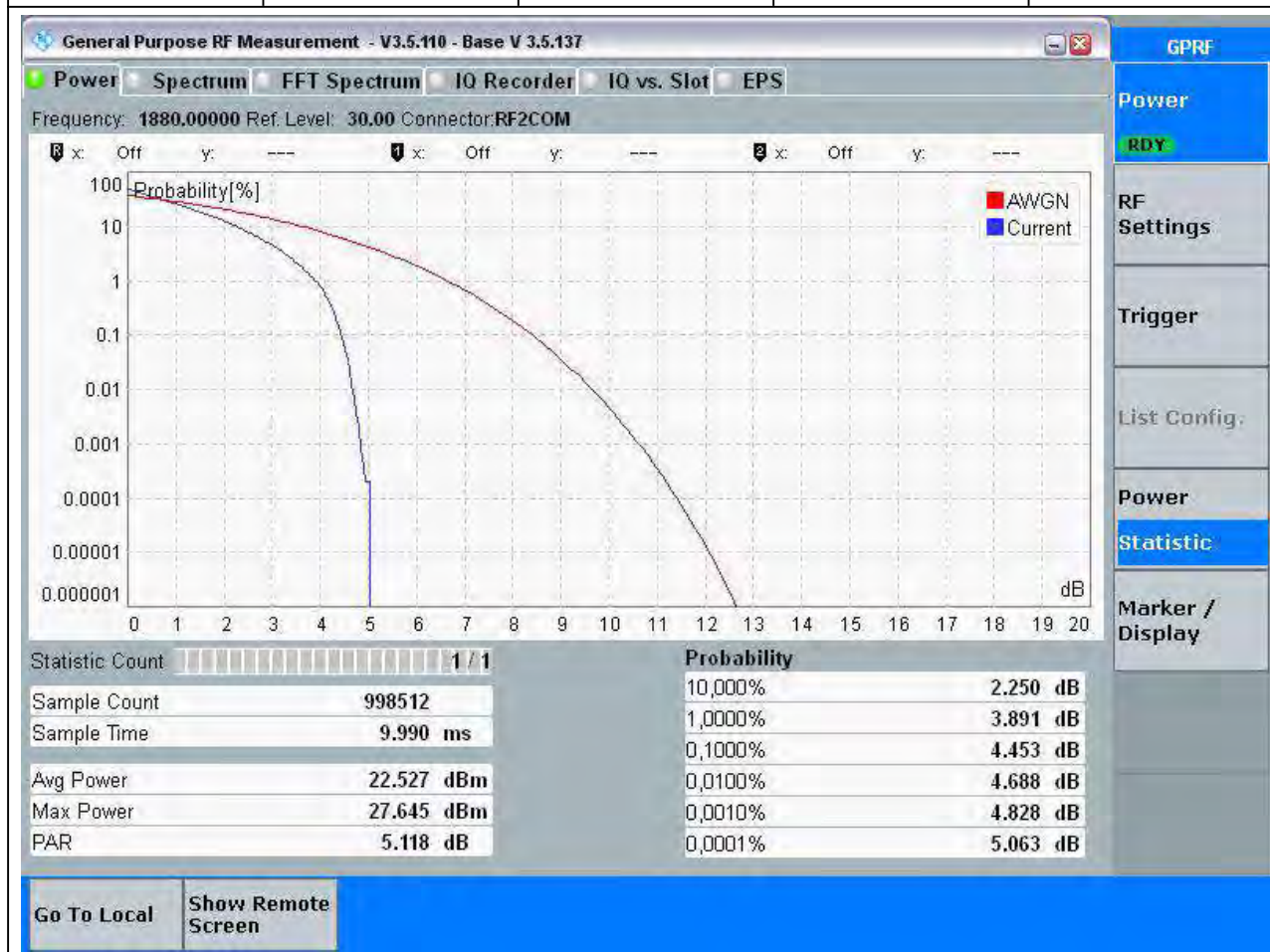
4.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.19	13	Pass



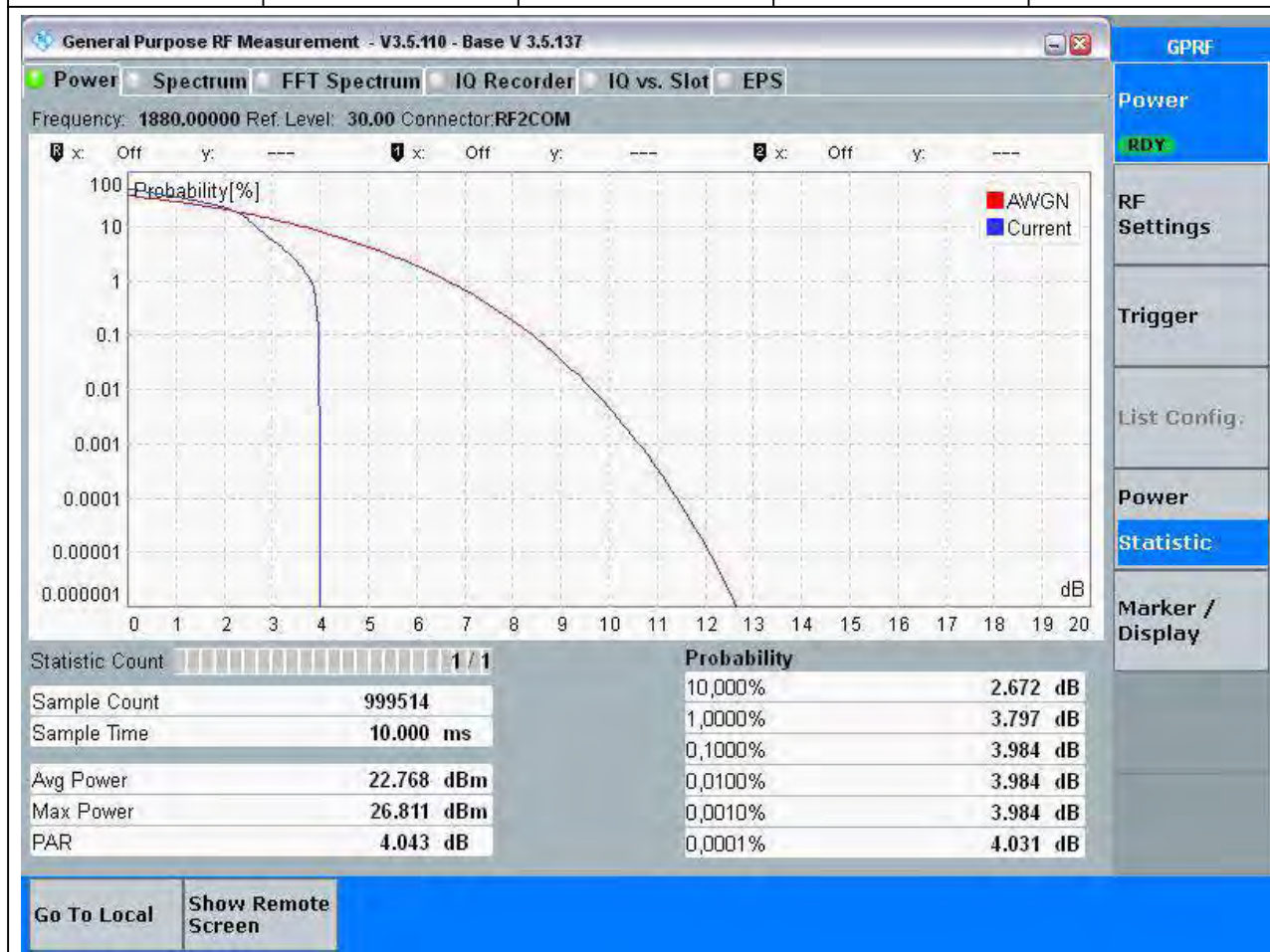
4.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	4.45	13	Pass



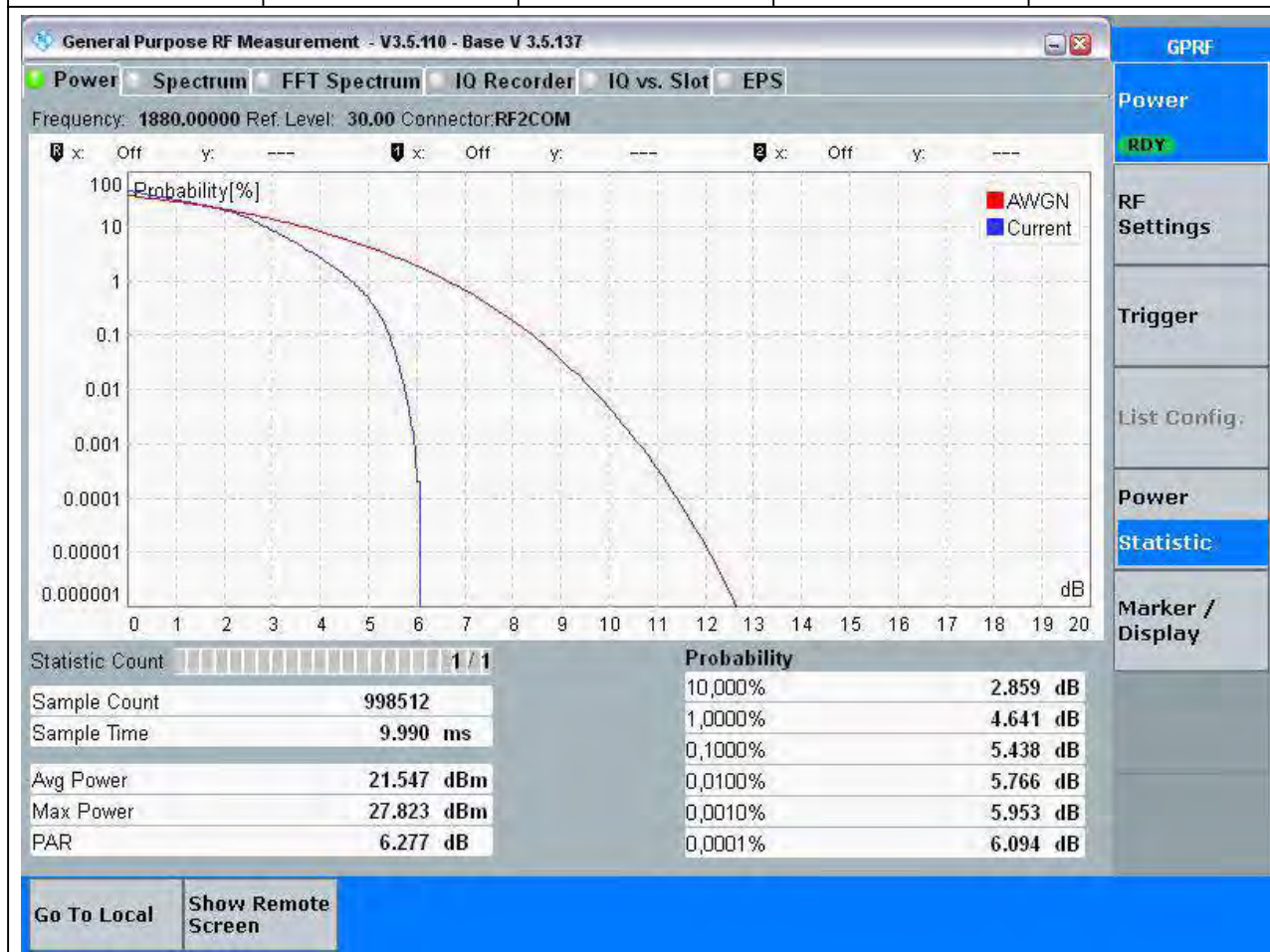
4.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	3.98	13	Pass



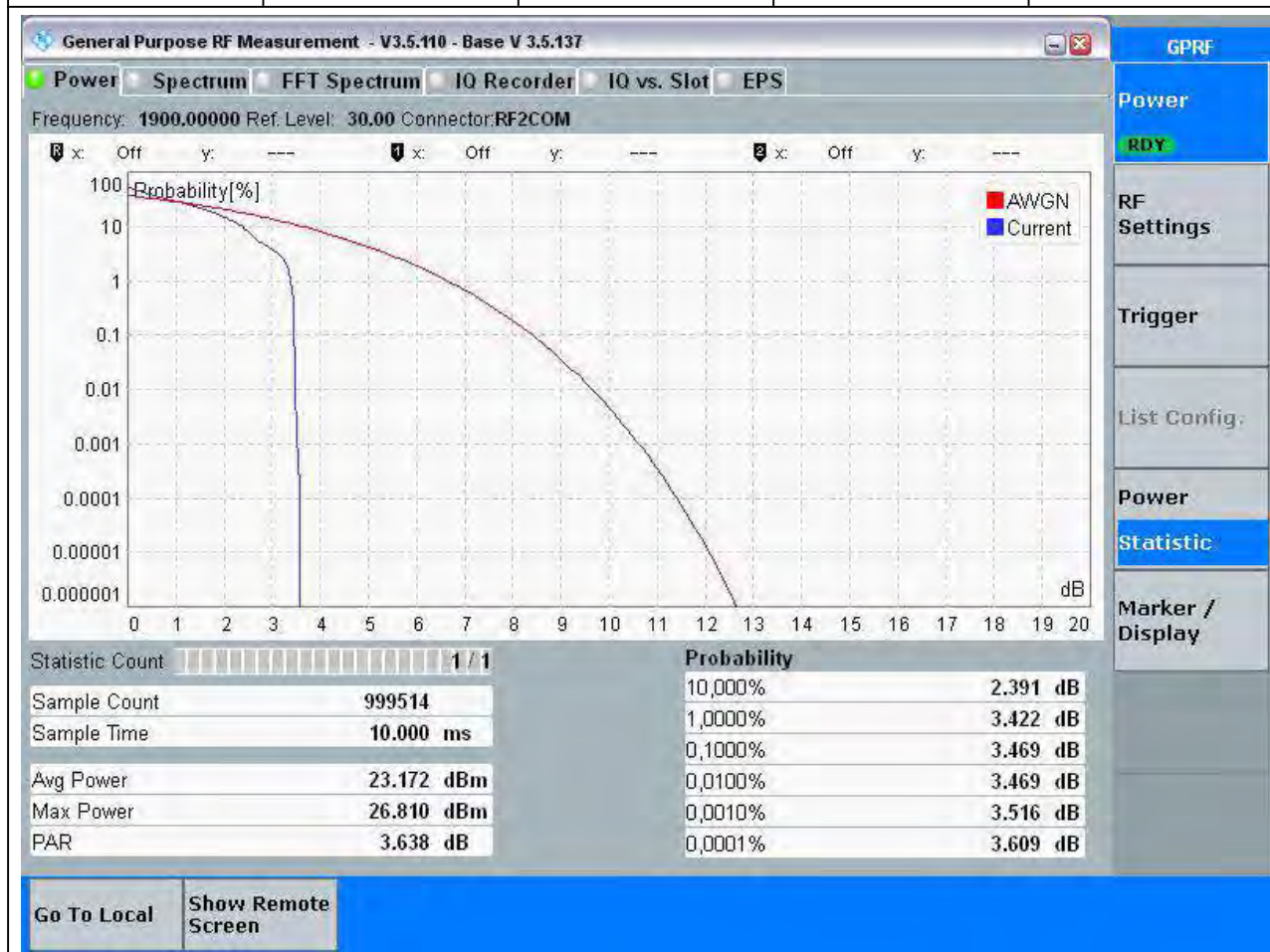
4.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	5.44	13	Pass



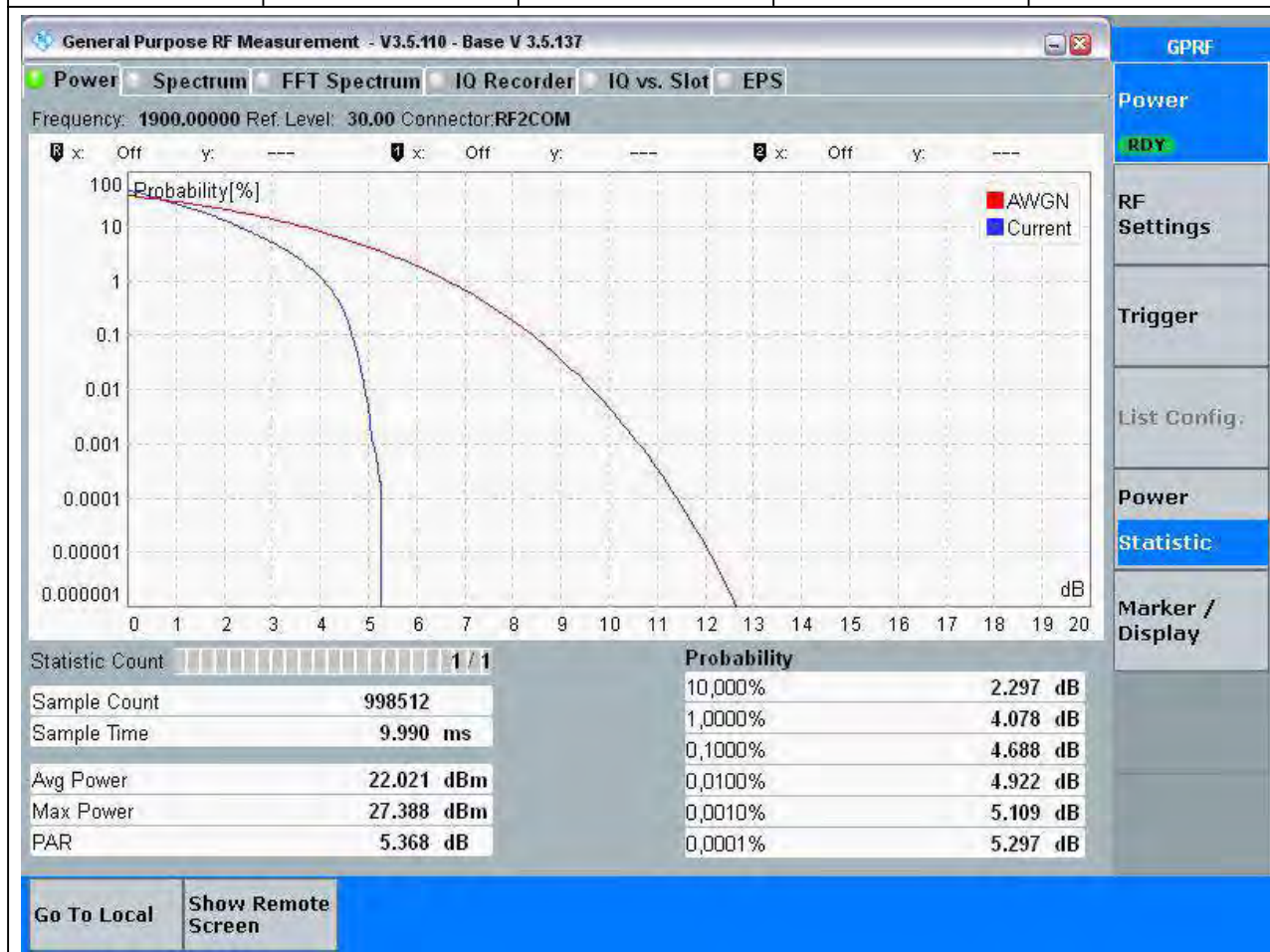
4.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	3.47	13	Pass



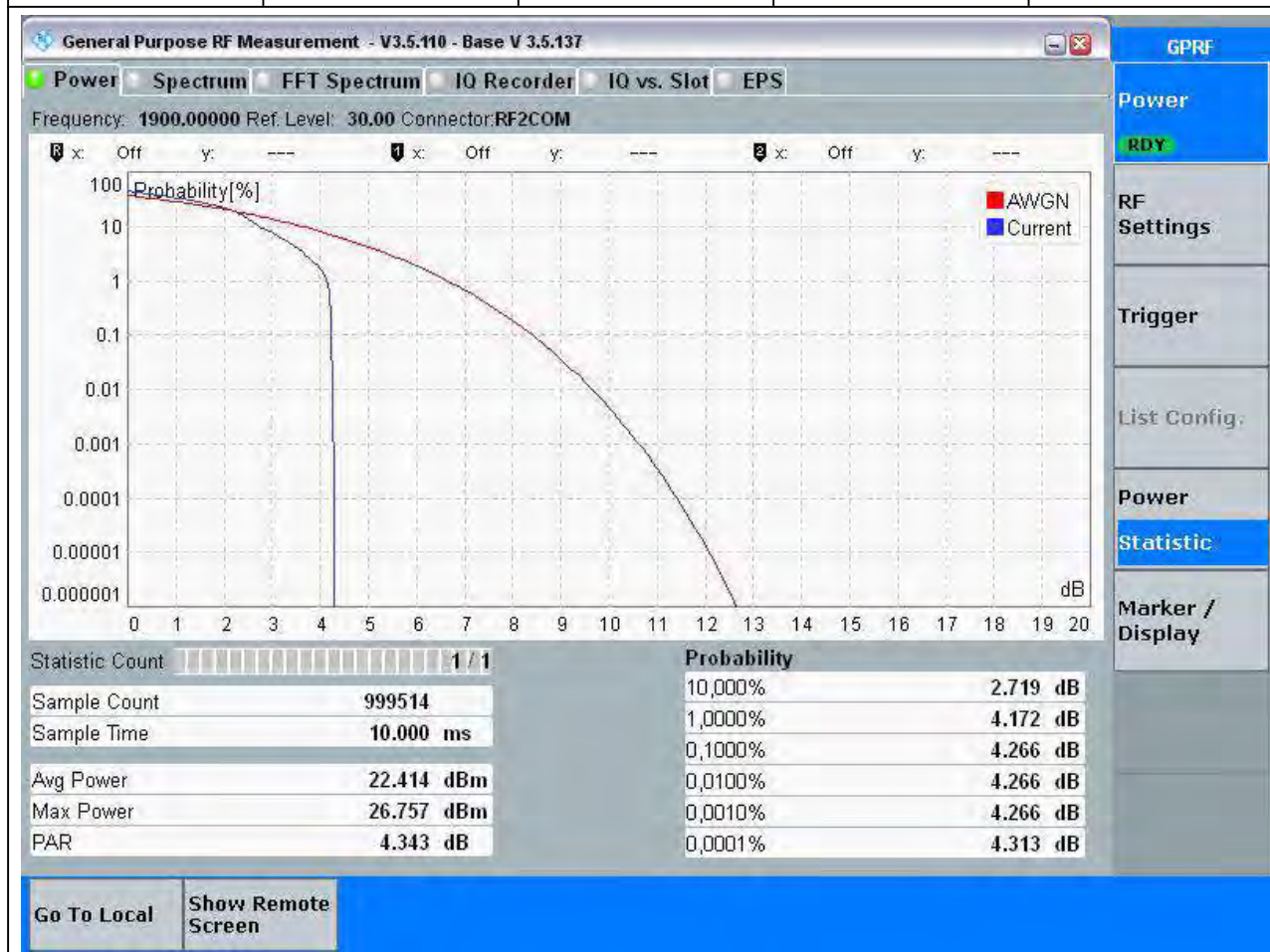
4.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	4.69	13	Pass



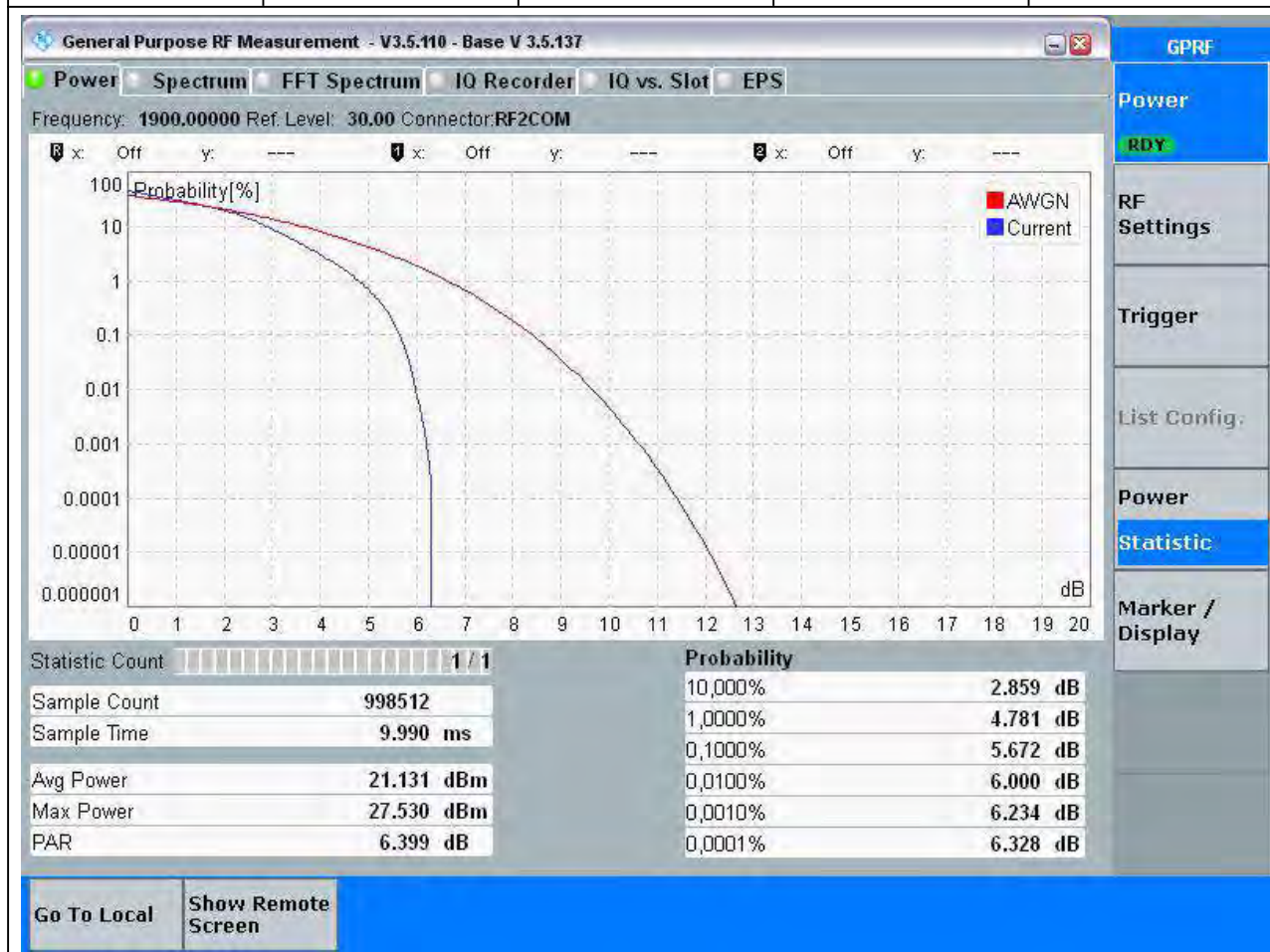
4.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	4.27	13	Pass



4.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

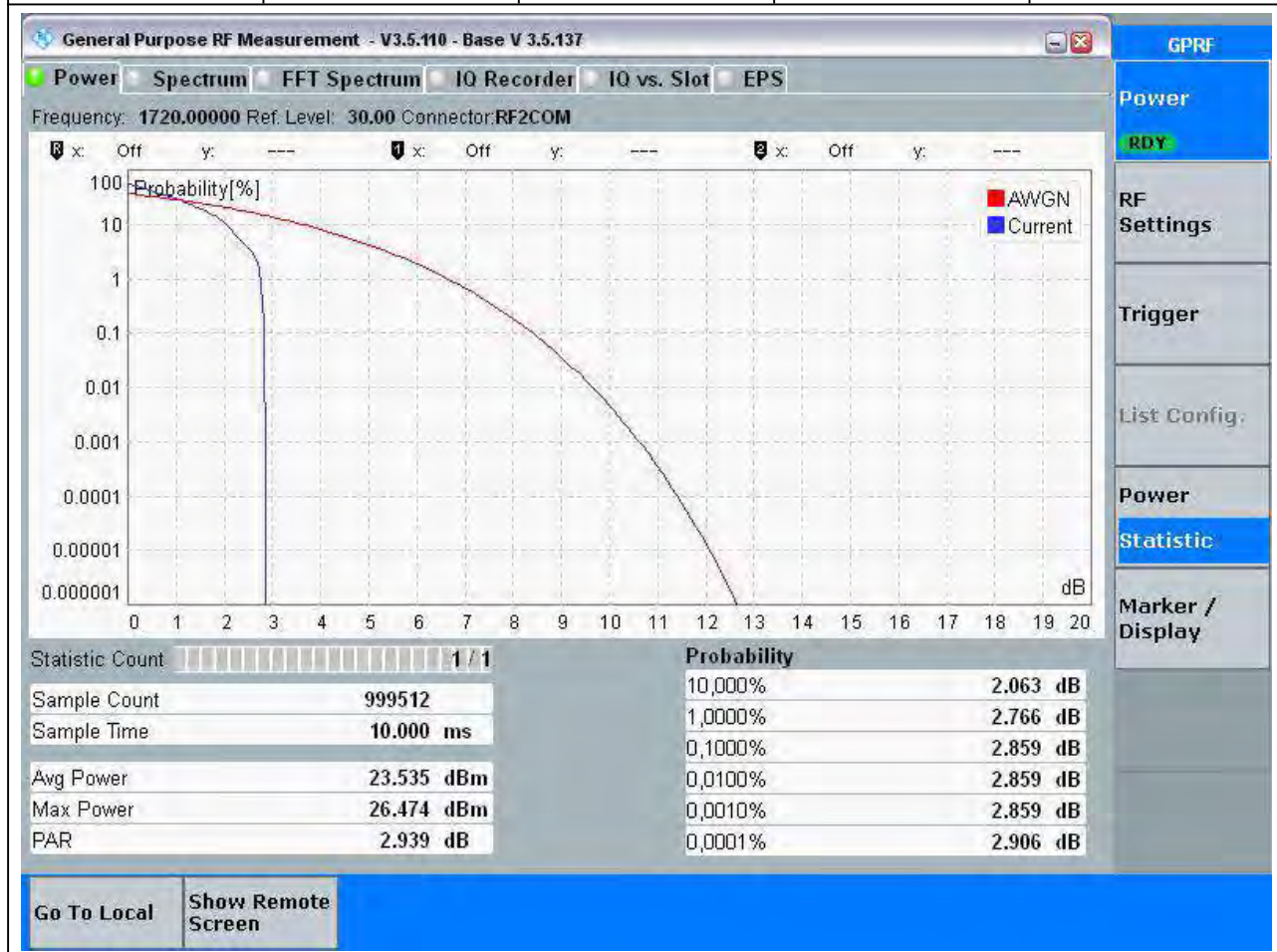
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1900	0.1	5.67	13	Pass



5. LTE_Band4

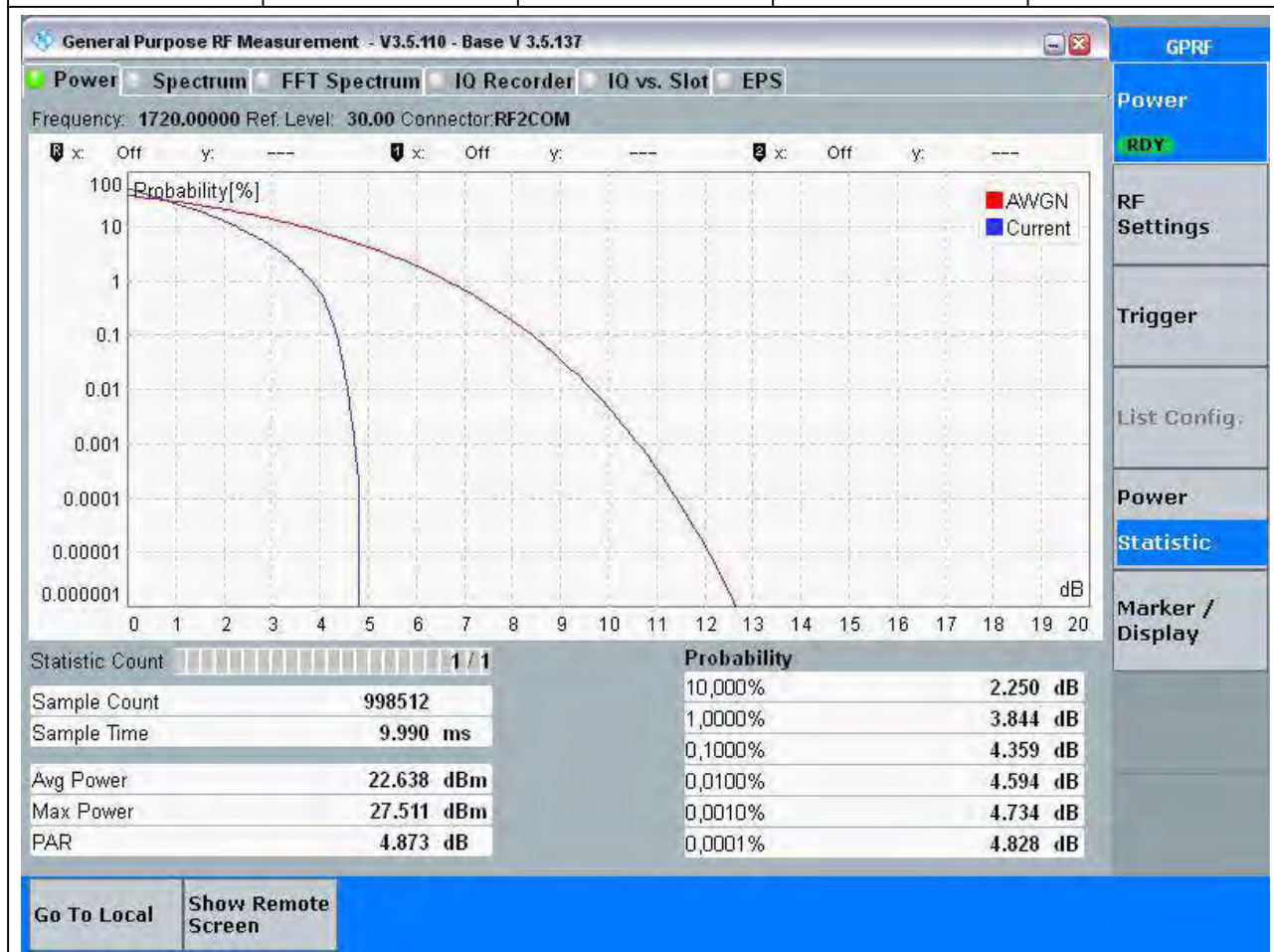
5.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	2.86	13	Pass



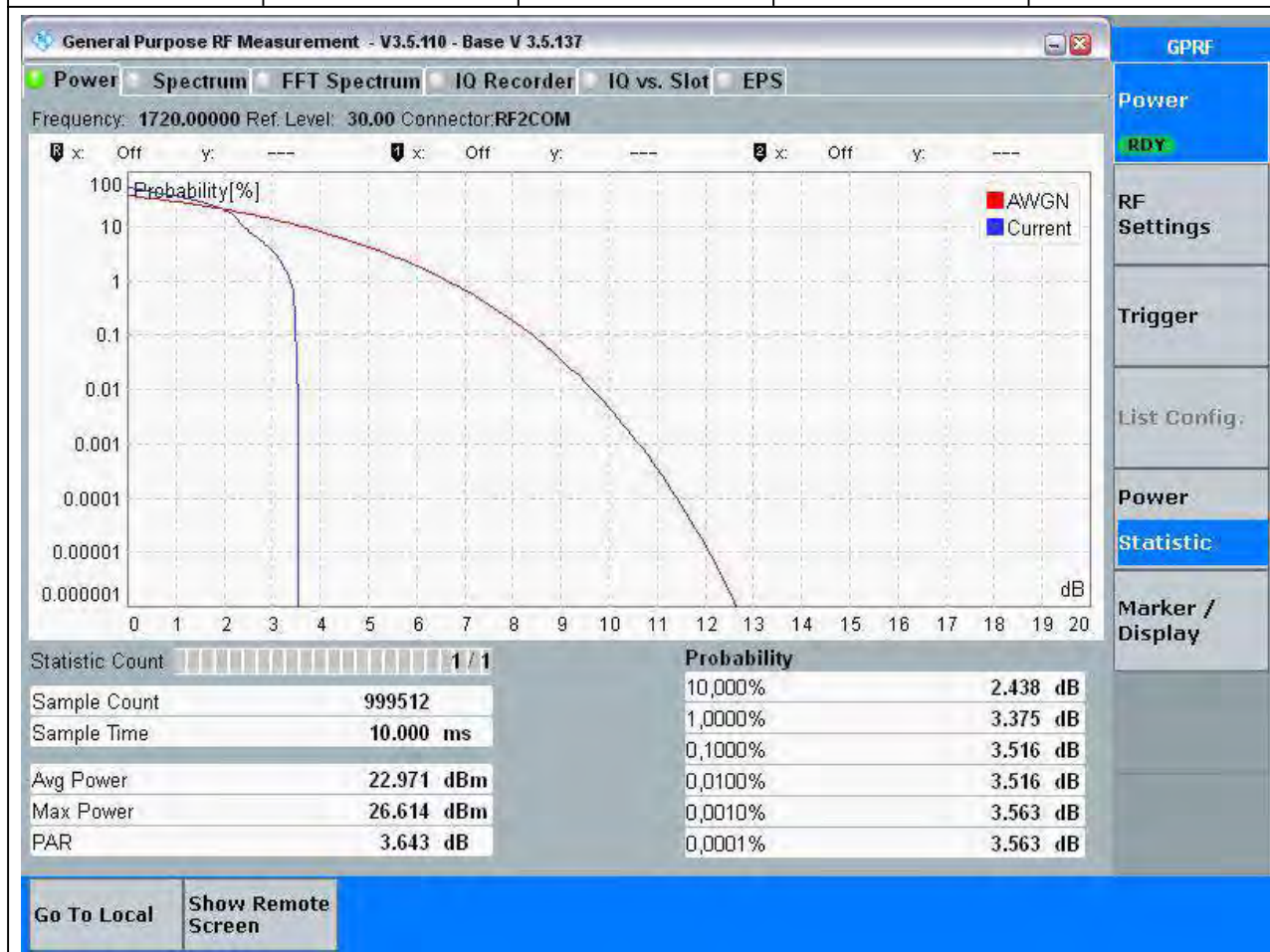
5.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	4.36	13	Pass



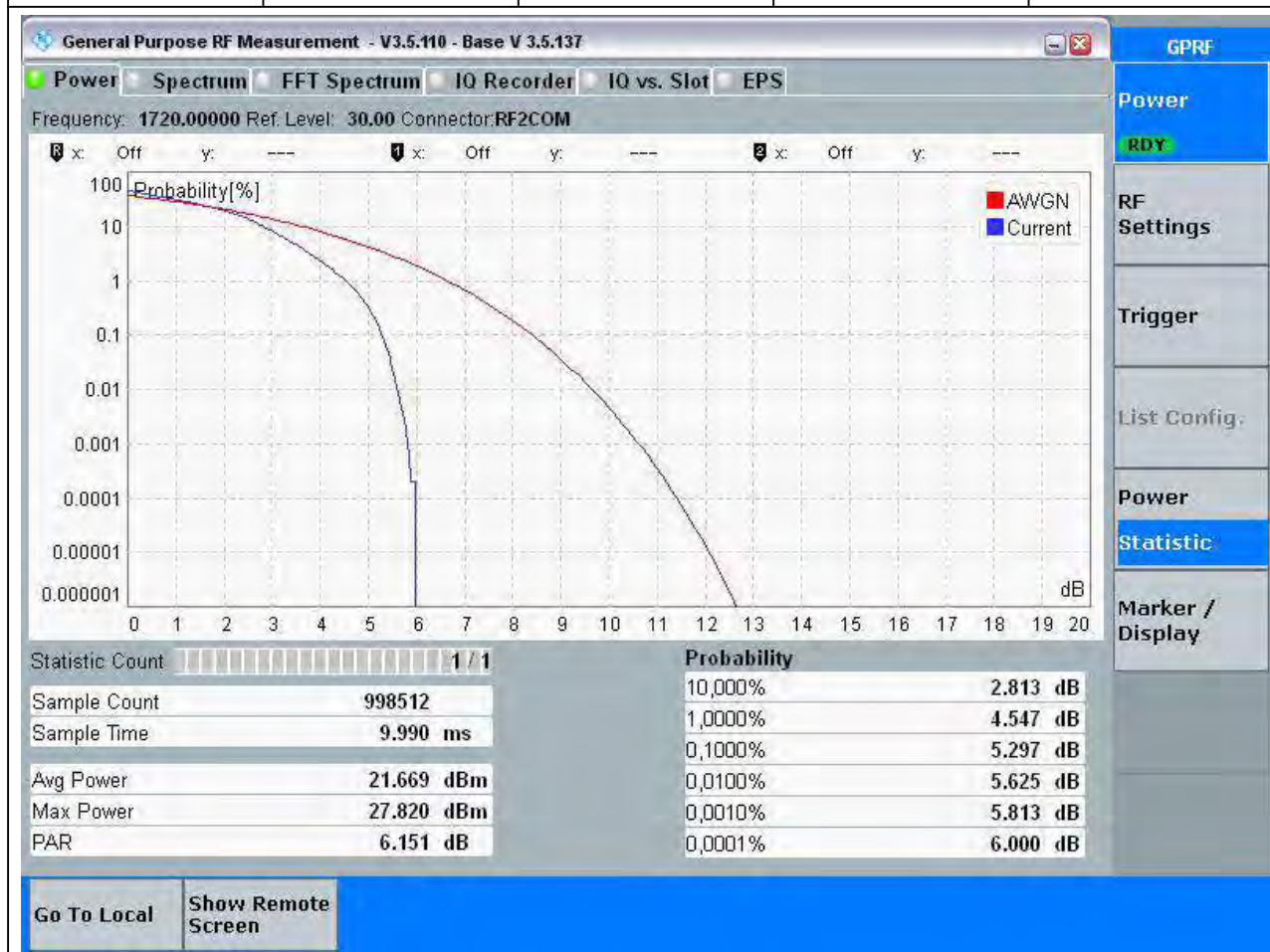
5.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	3.52	13	Pass



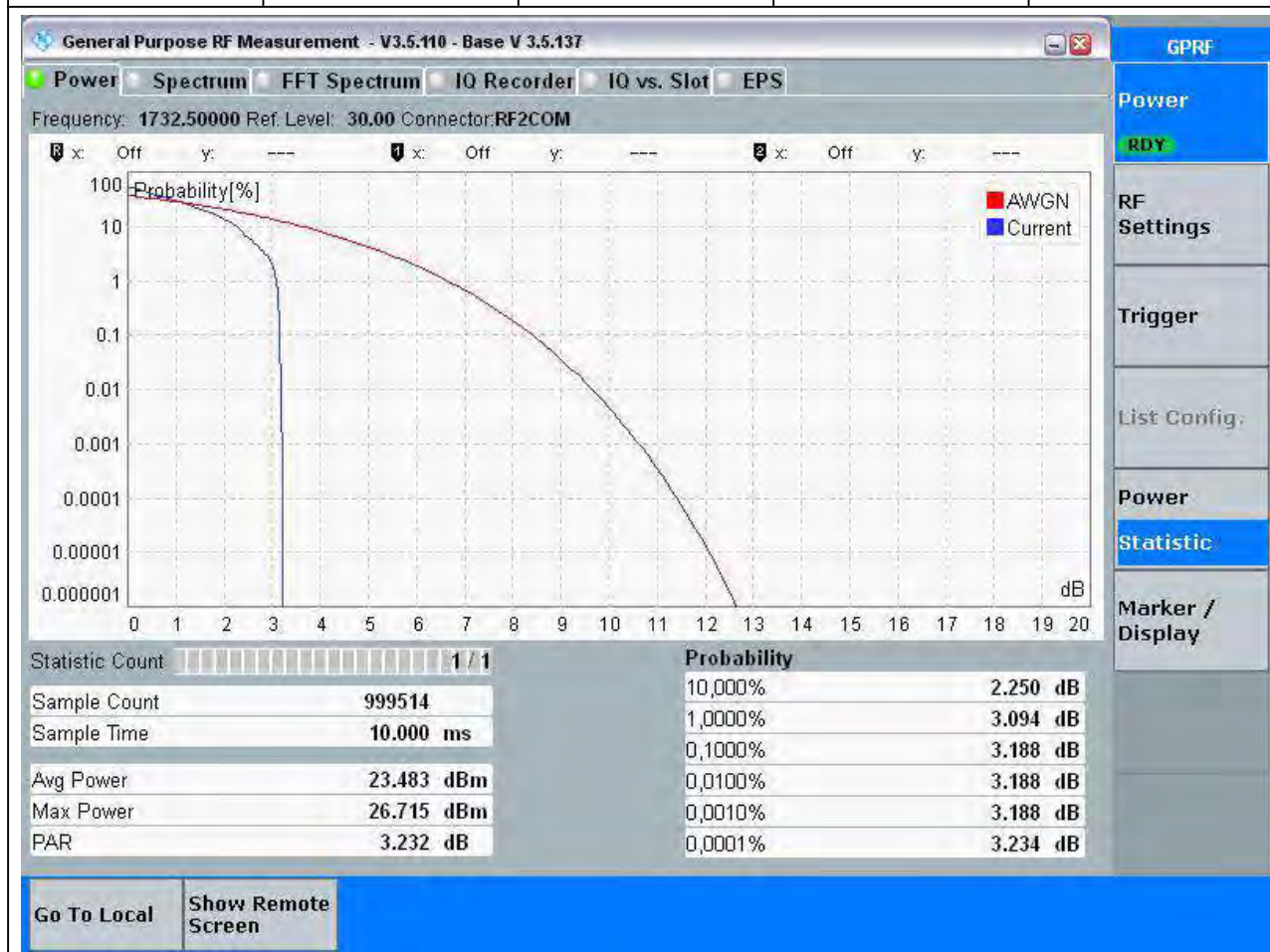
5.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.3	13	Pass



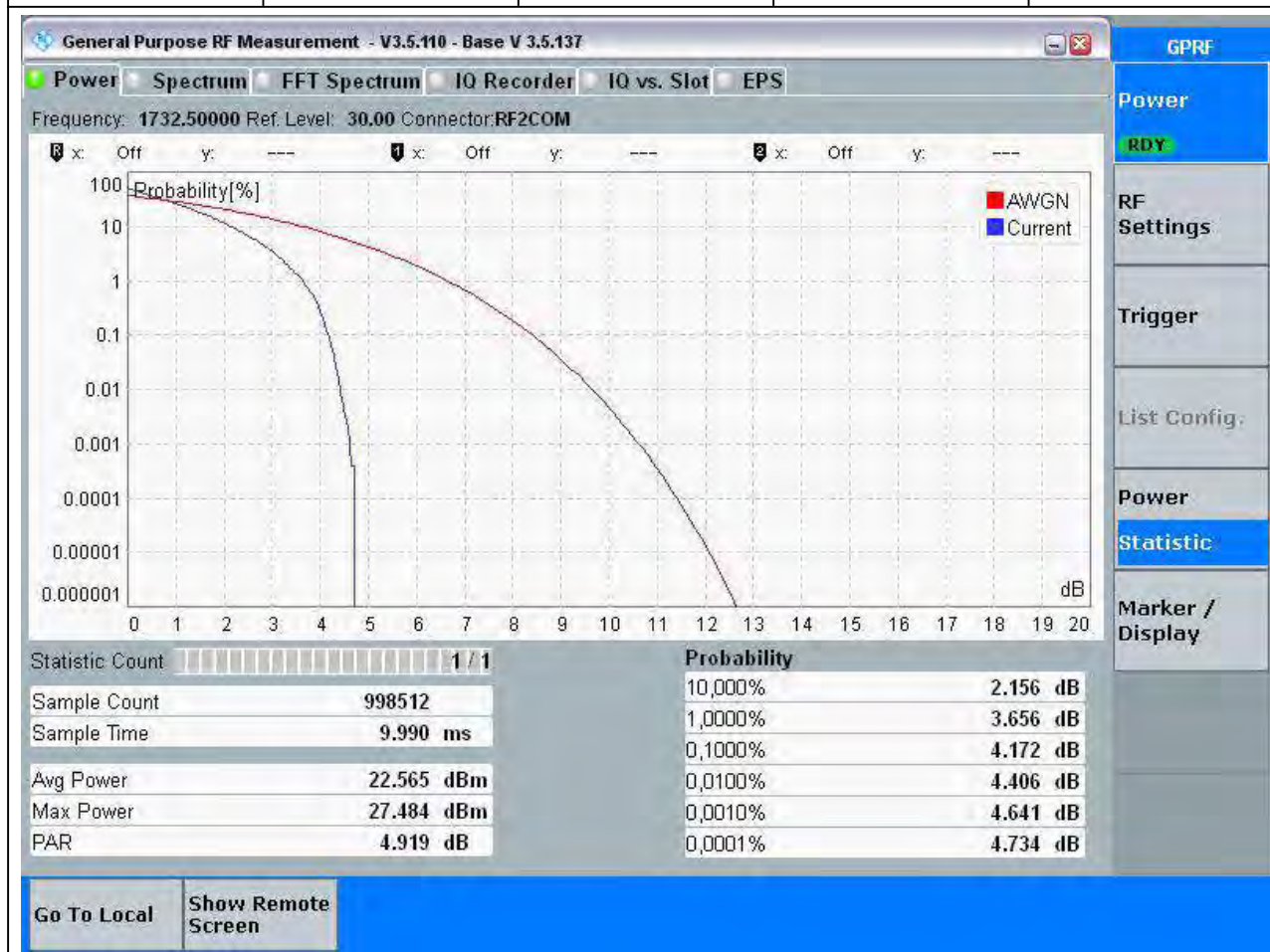
5.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	3.19	13	Pass



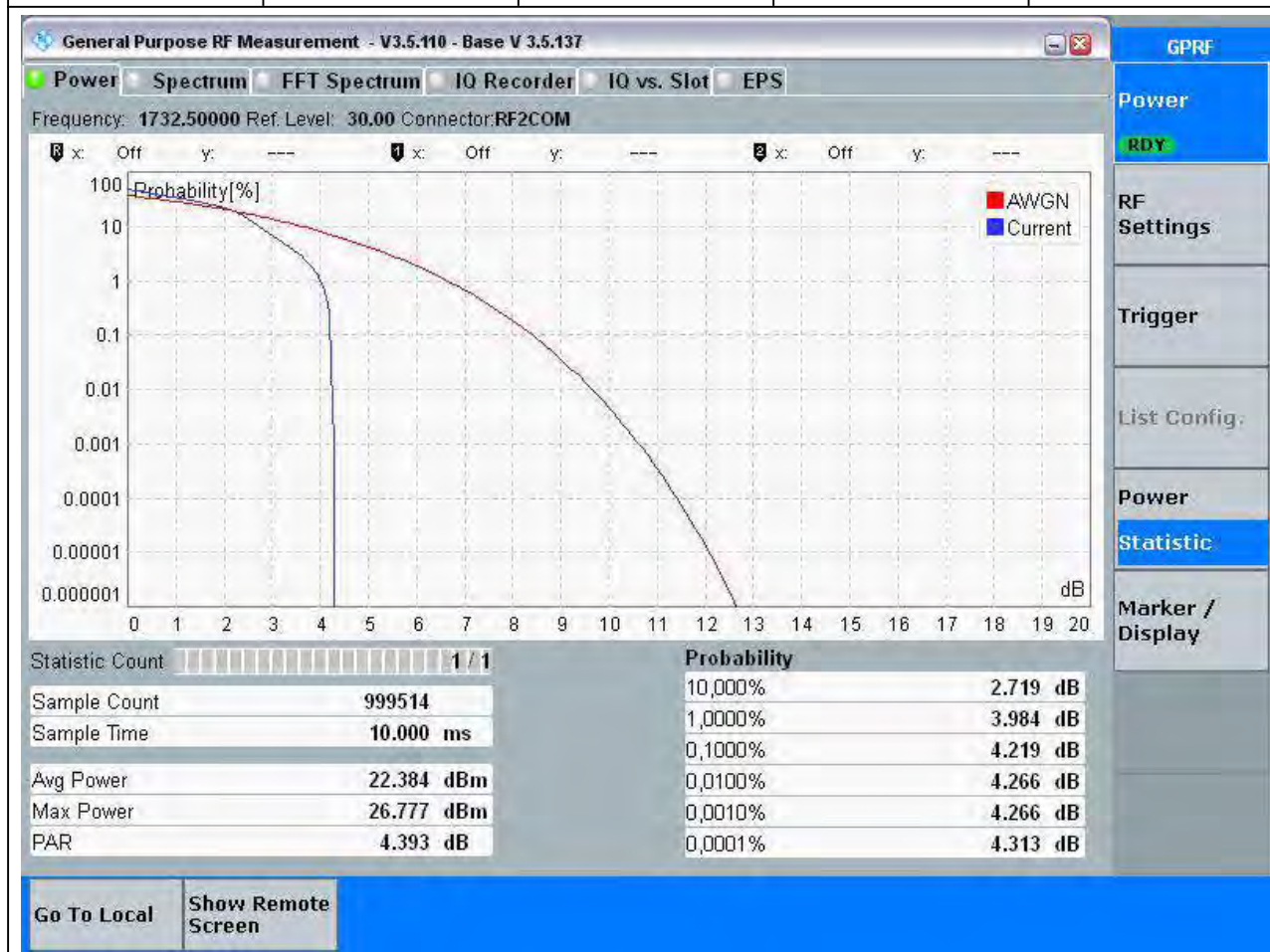
5.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.17	13	Pass



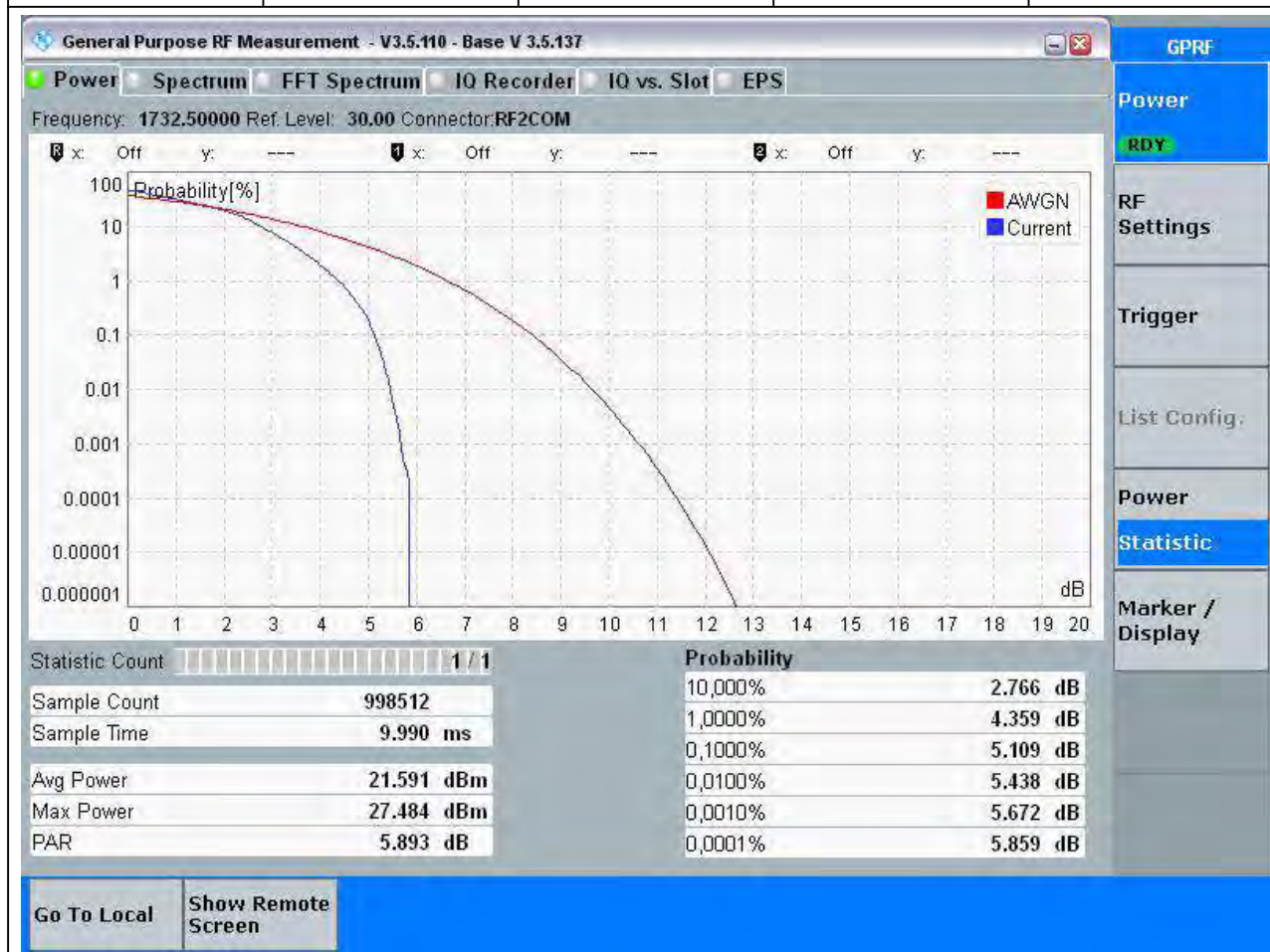
5.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	4.22	13	Pass



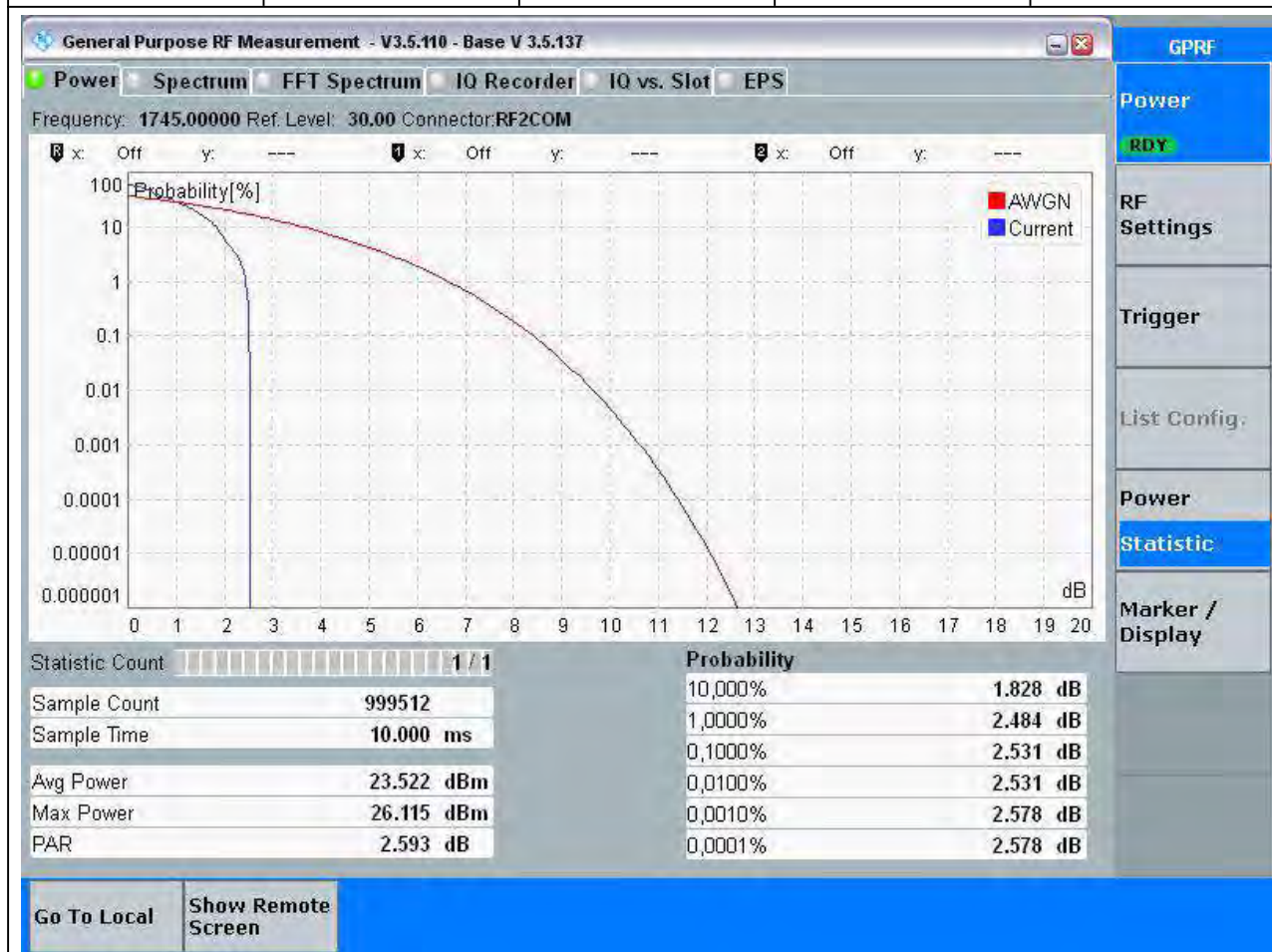
5.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1732.5	0.1	5.11	13	Pass



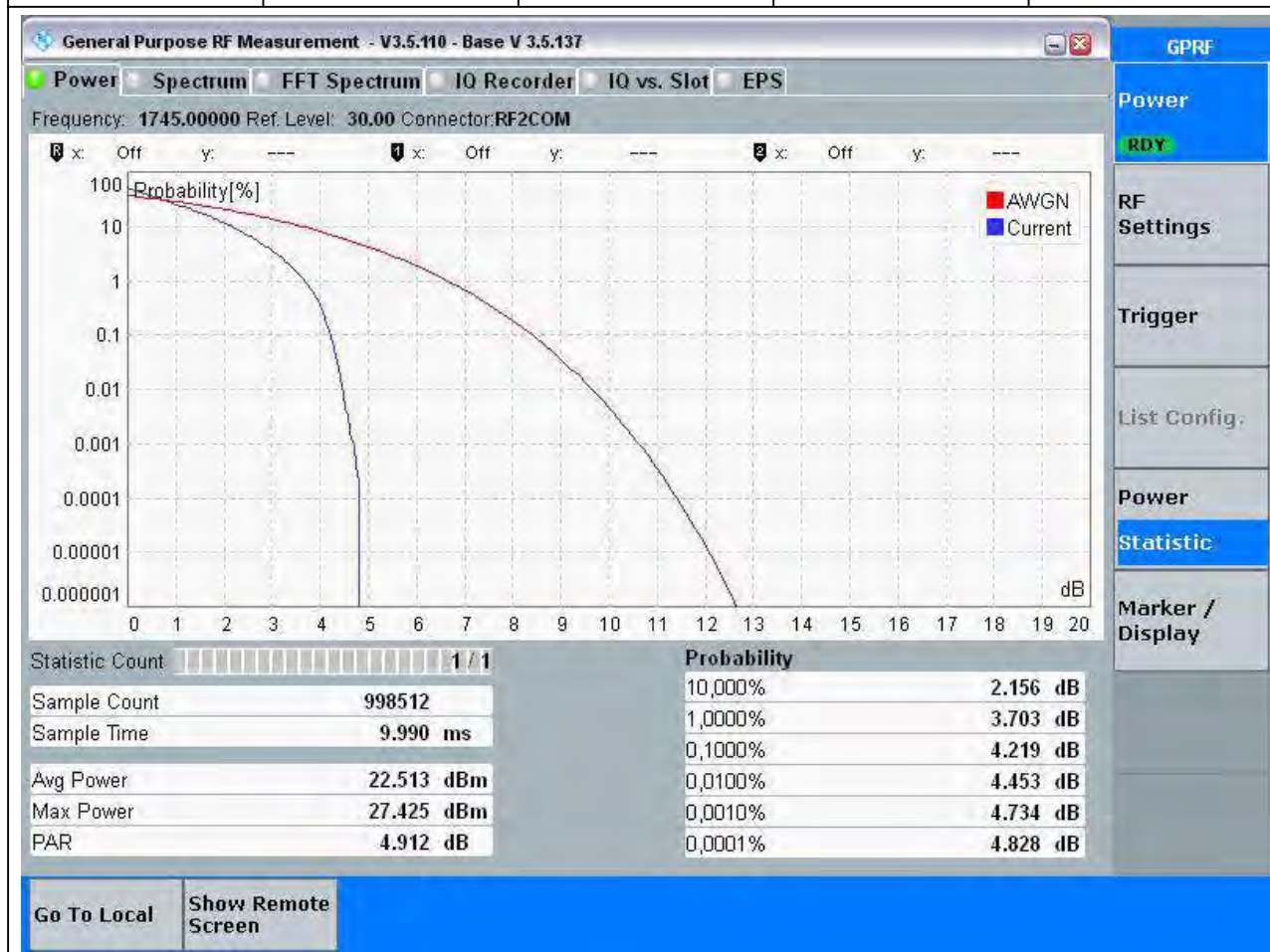
5.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	2.53	13	Pass



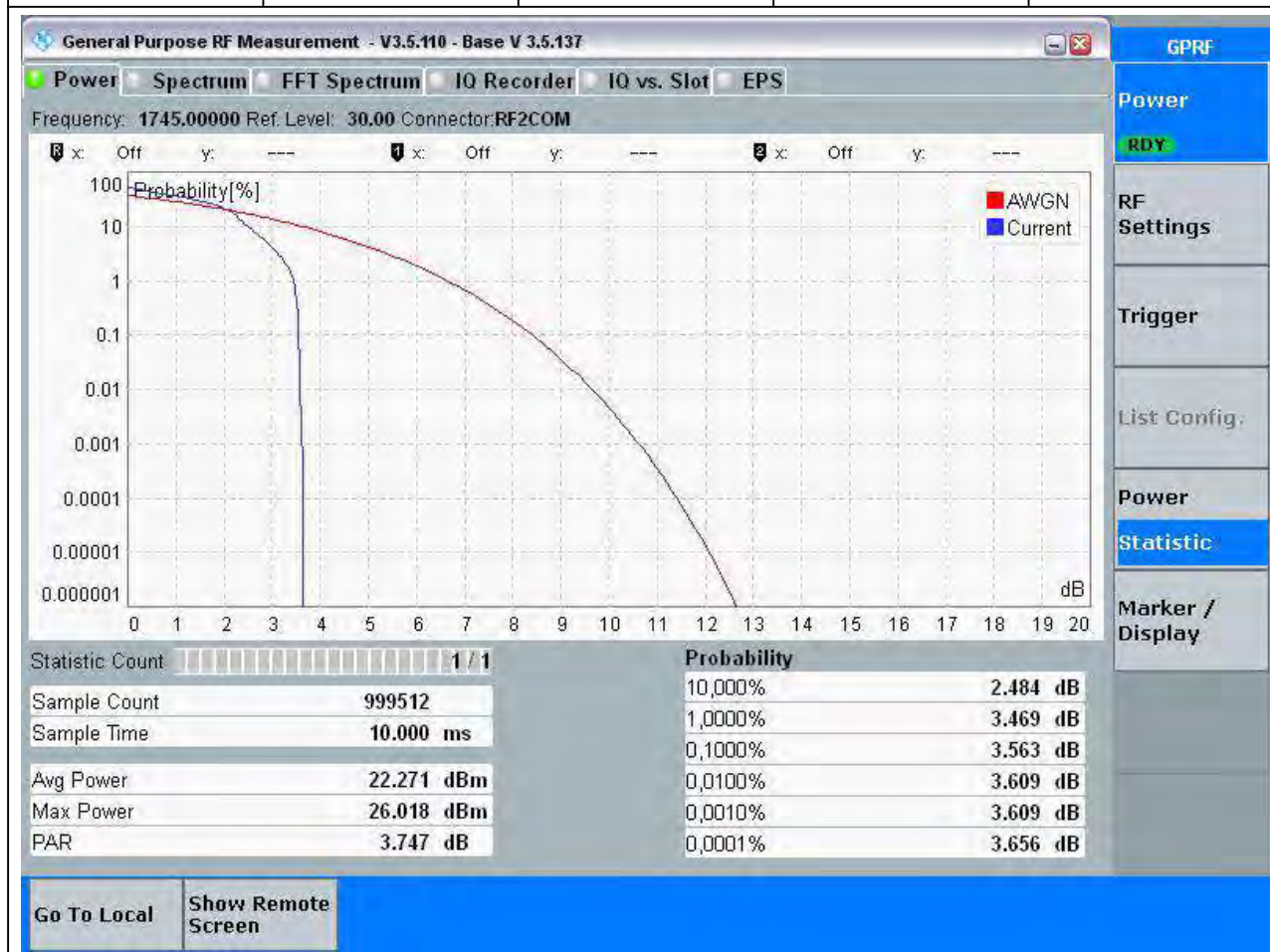
5.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	4.22	13	Pass



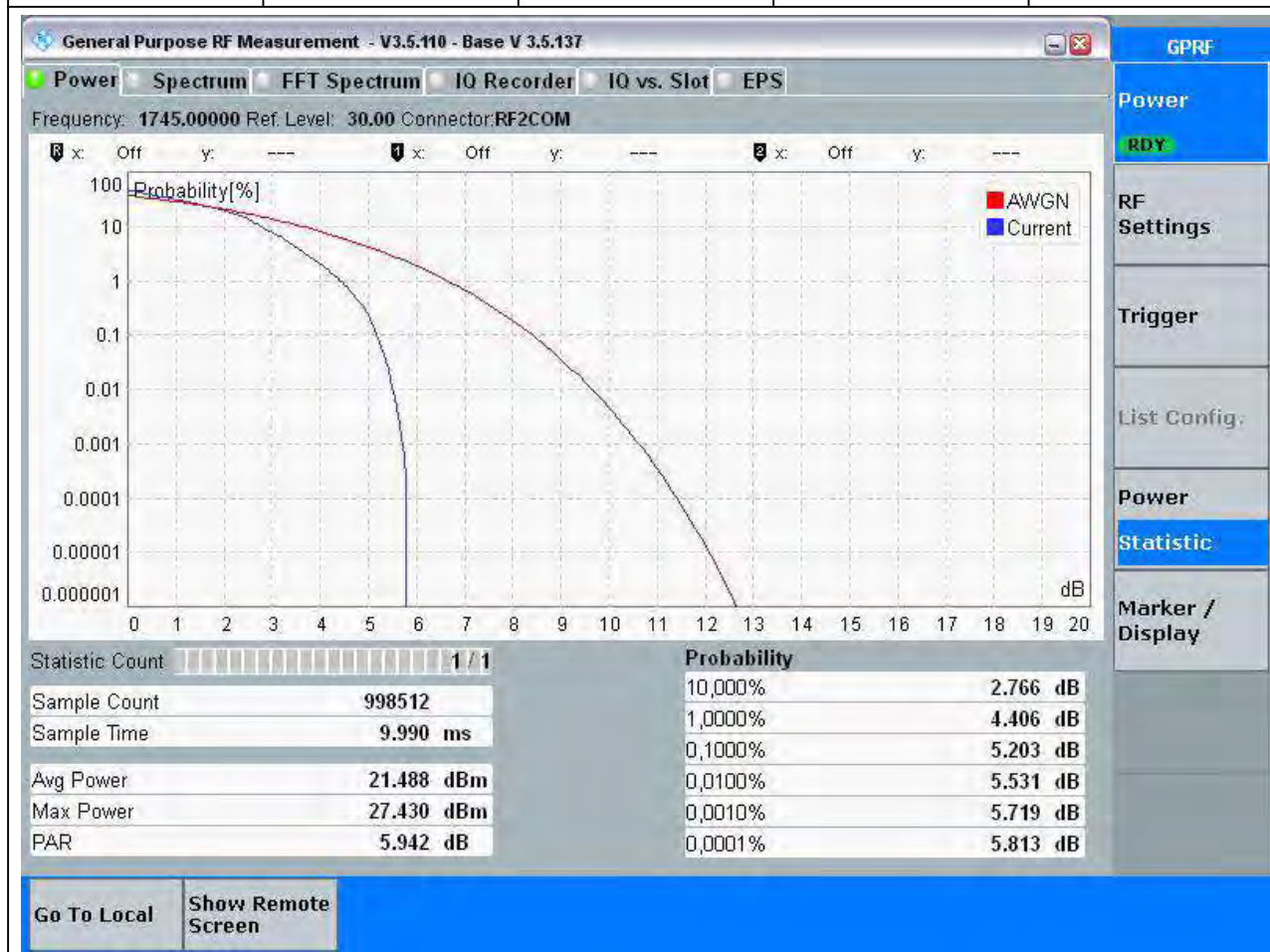
5.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	3.56	13	Pass



5.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

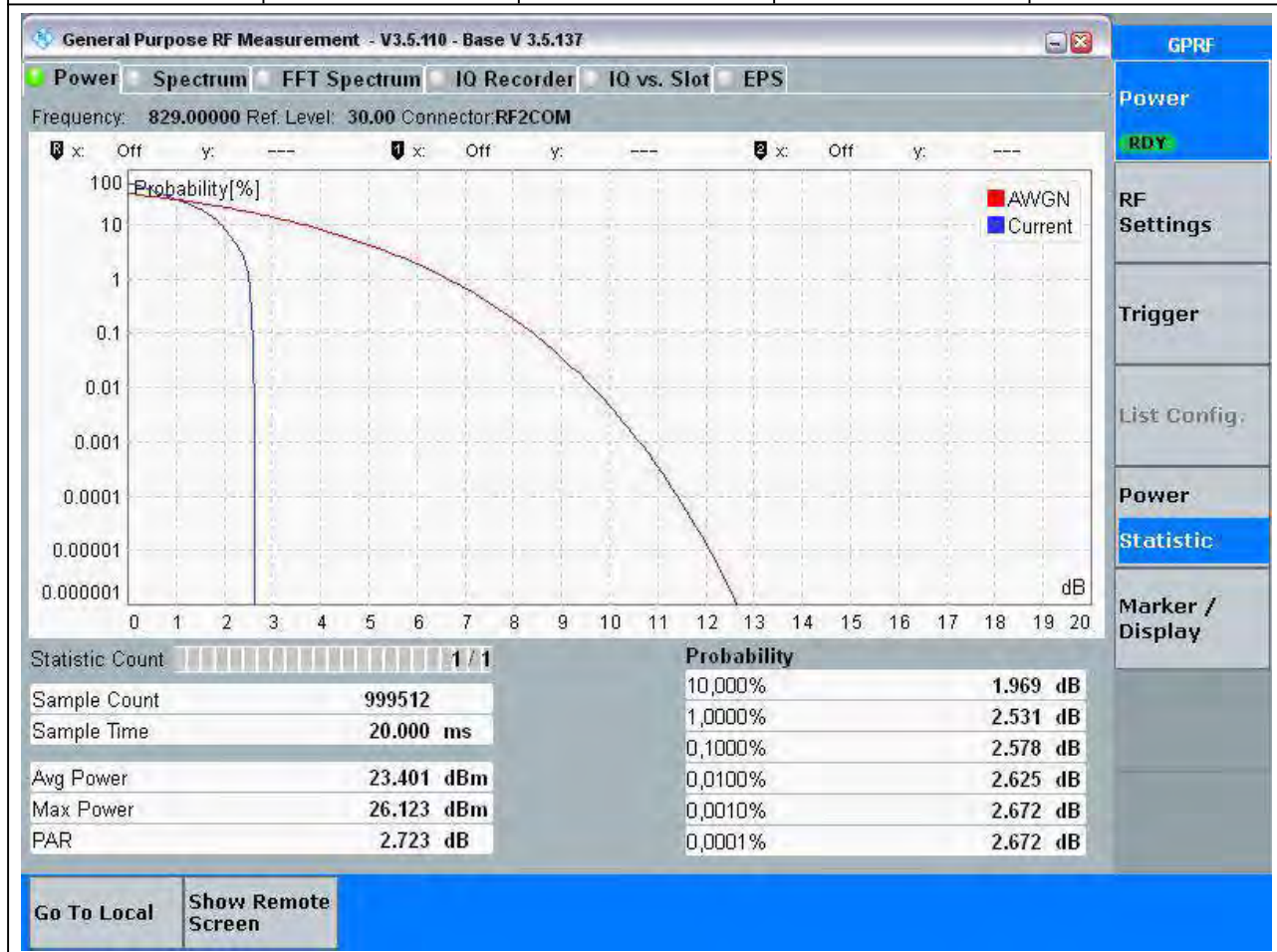
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.2	13	Pass



6. LTE_Band5

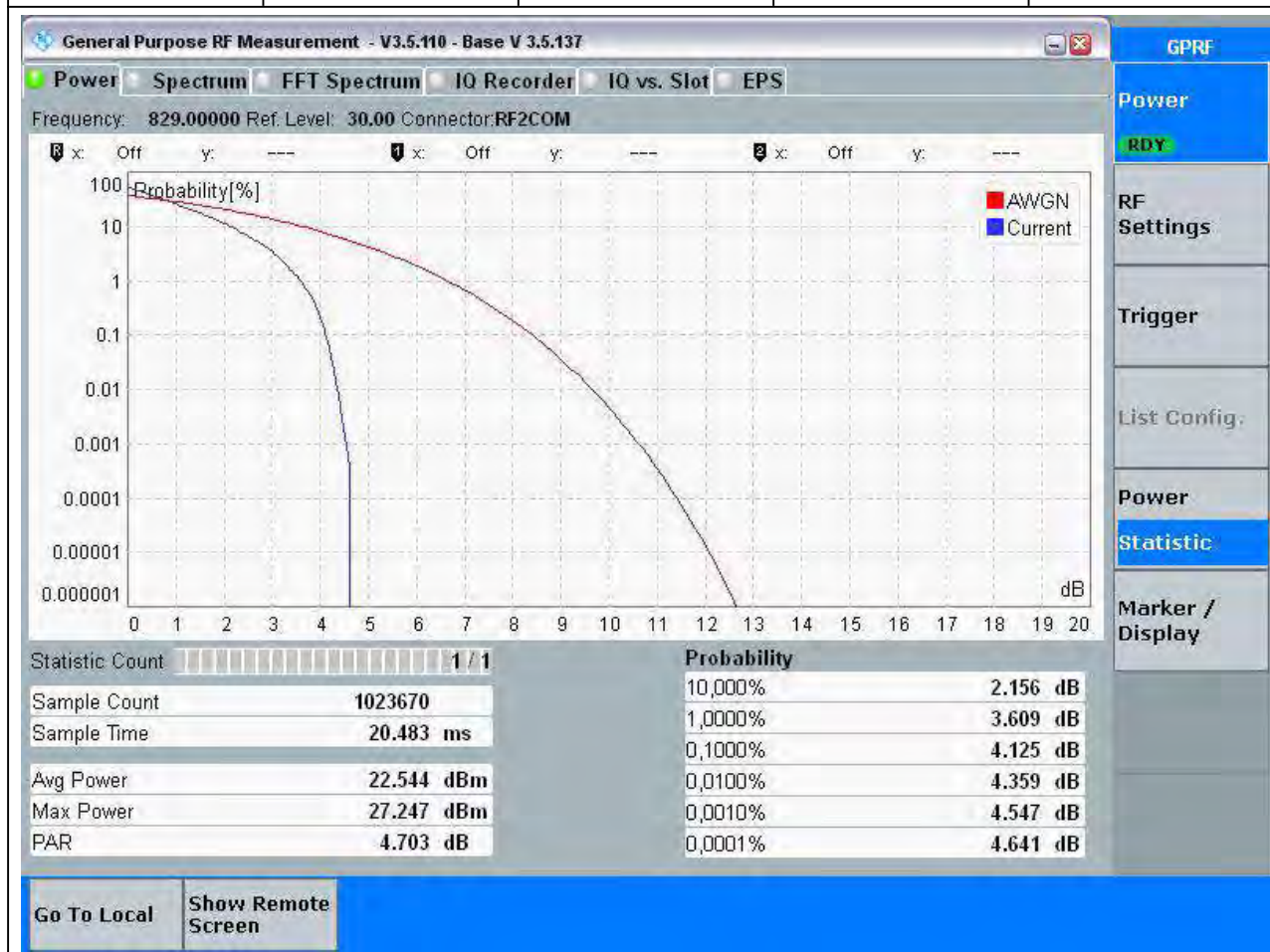
6.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	2.58	13	Pass



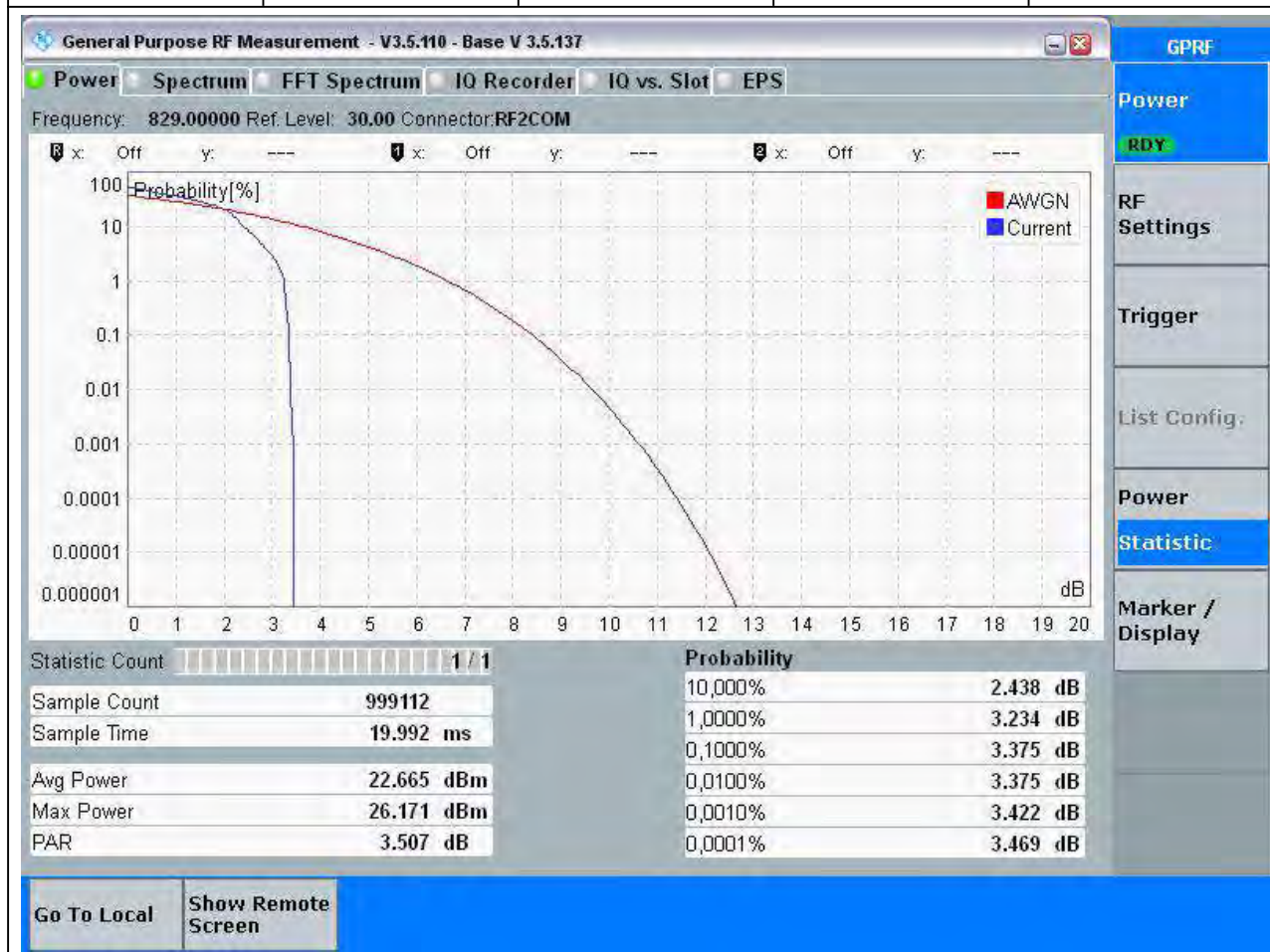
6.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	4.12	13	Pass



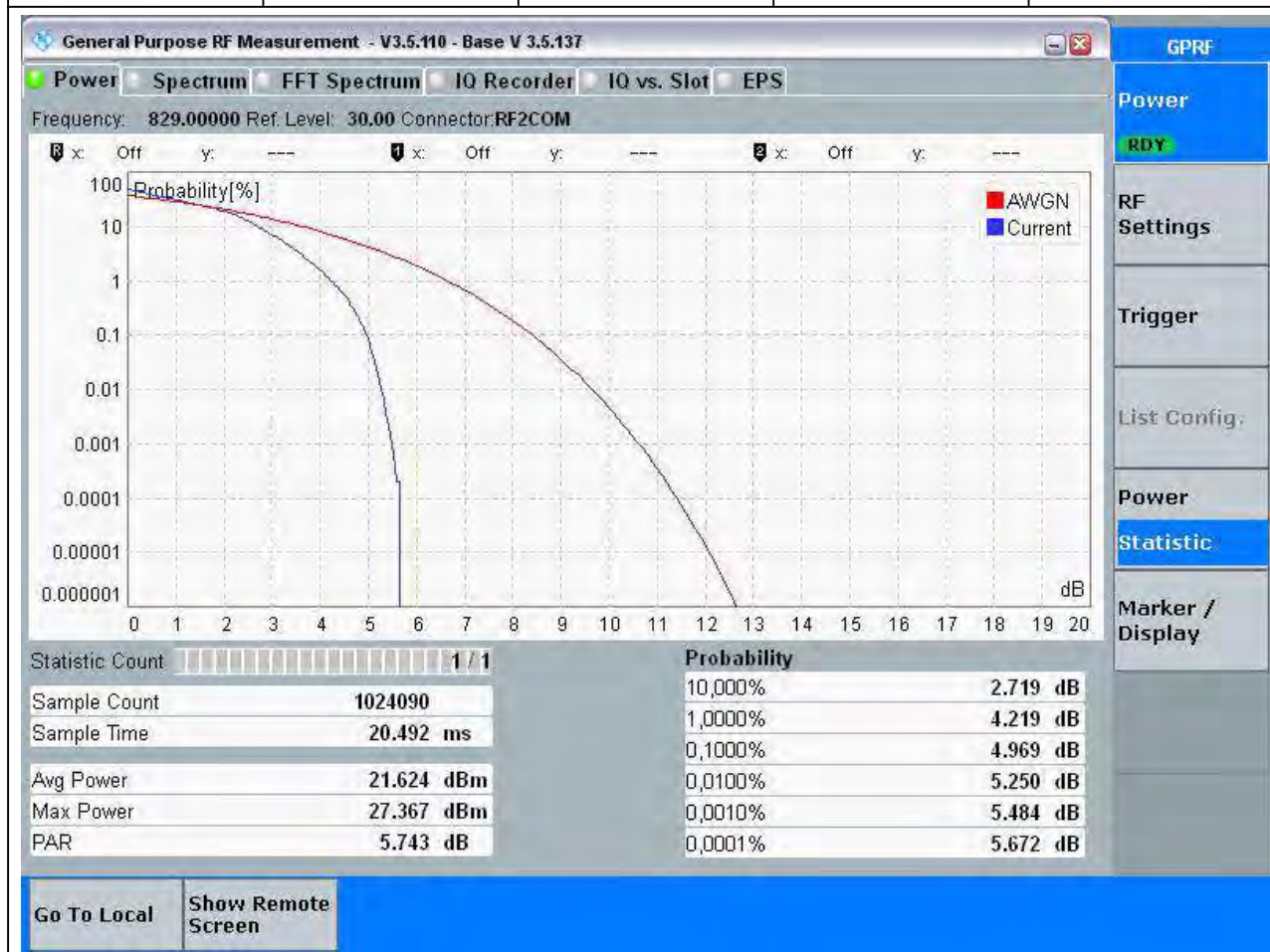
6.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	3.37	13	Pass



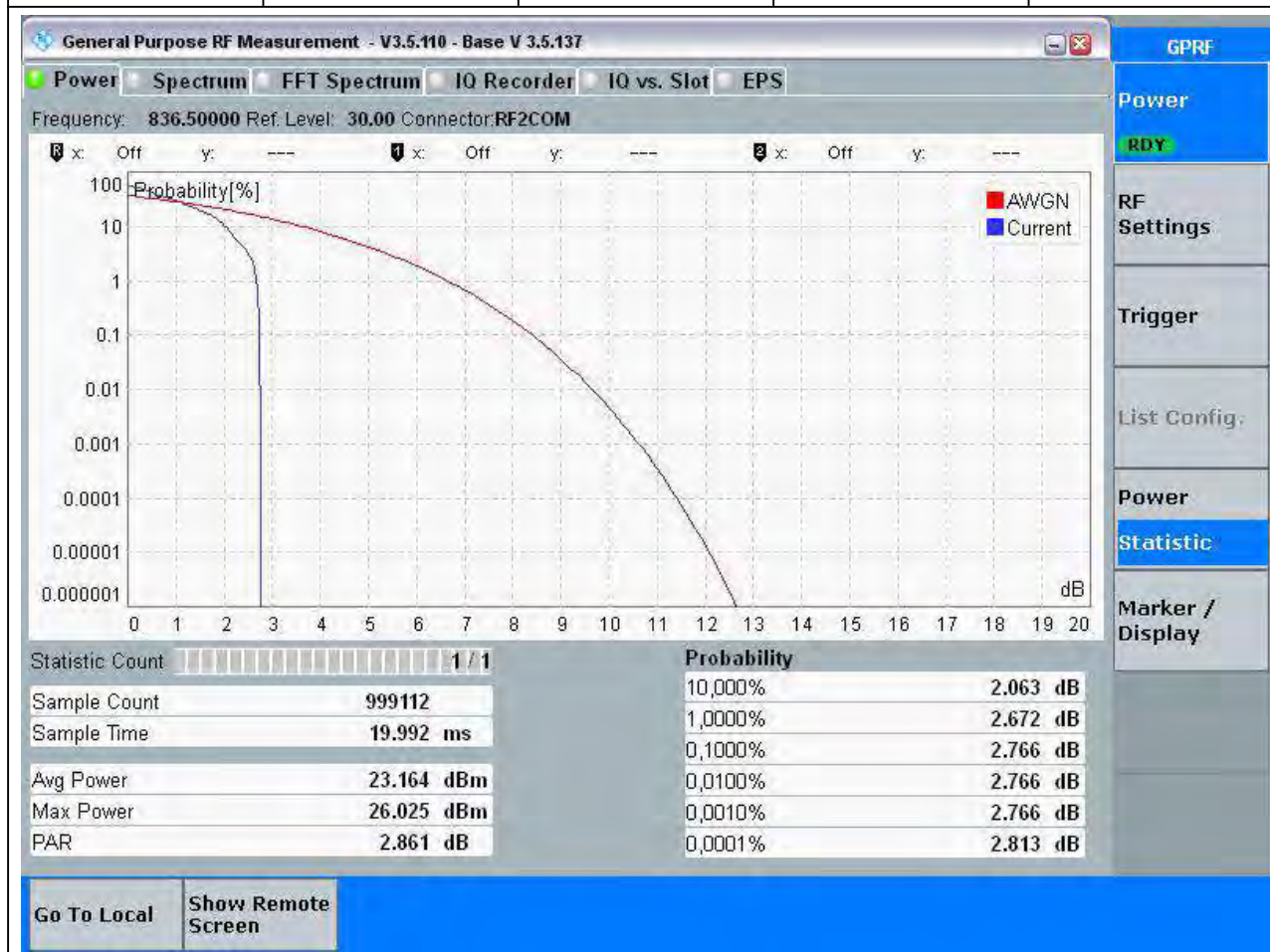
6.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
829	0.1	4.97	13	Pass



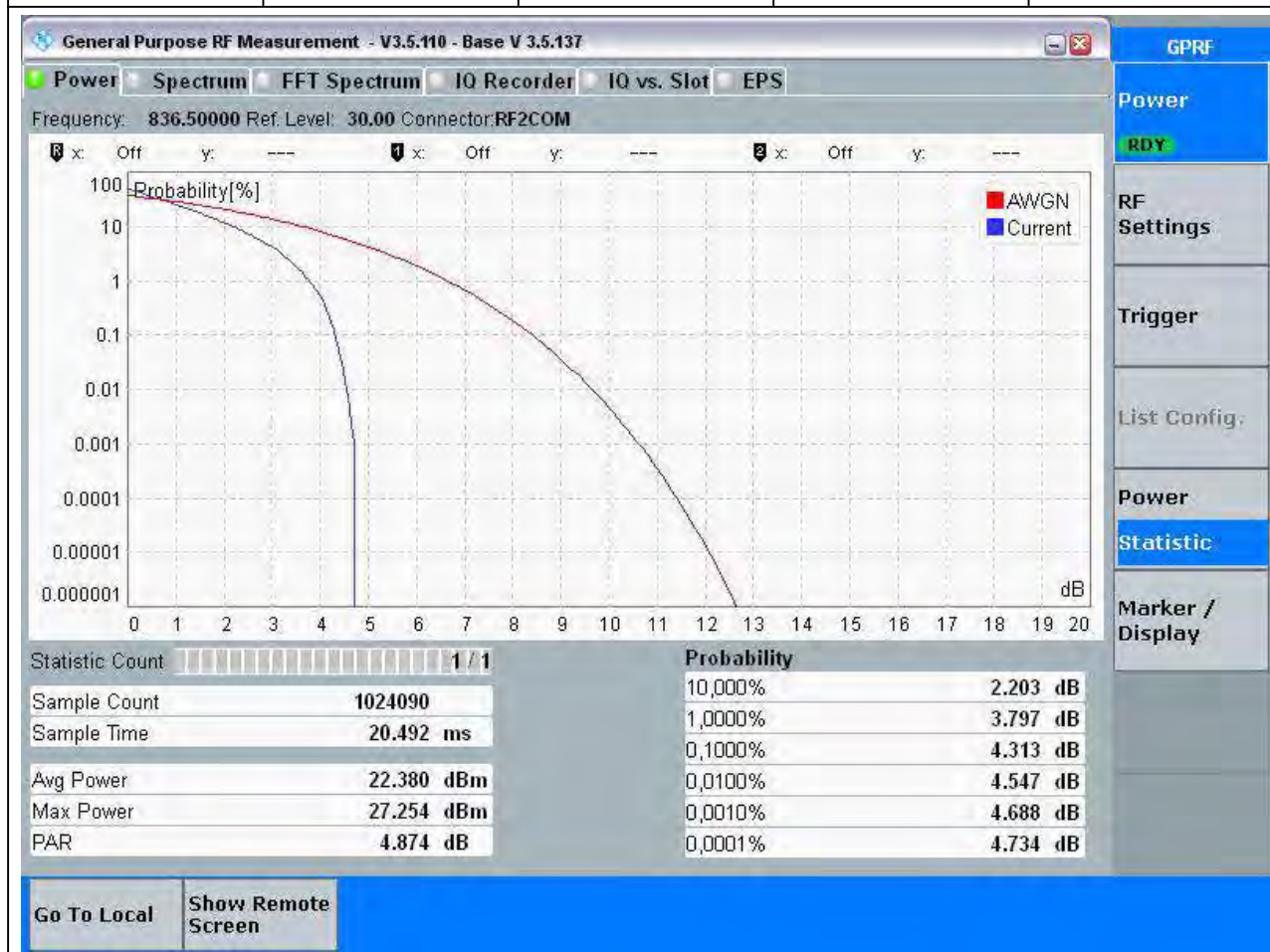
6.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	2.77	13	Pass



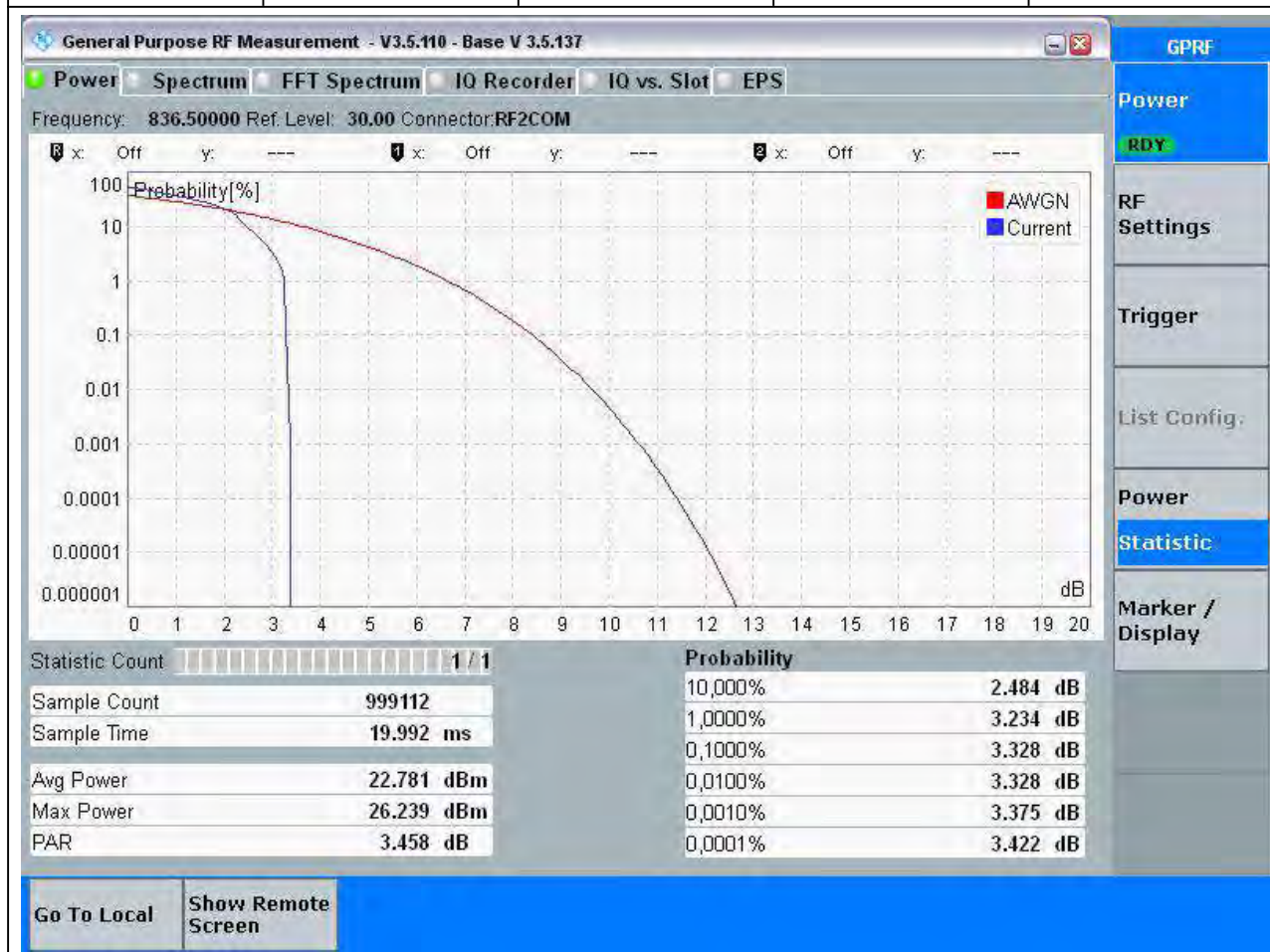
6.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	4.31	13	Pass



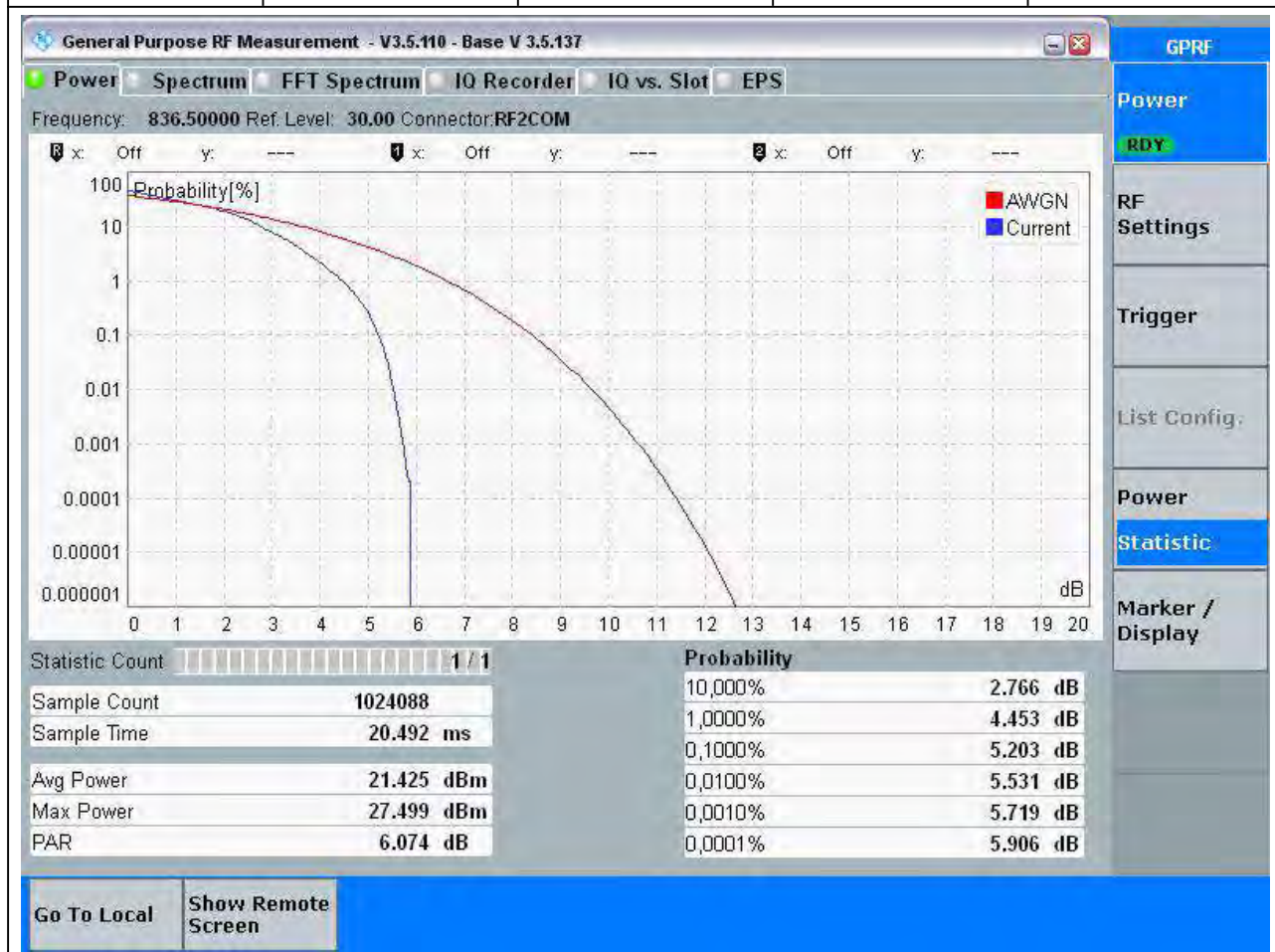
6.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	3.33	13	Pass



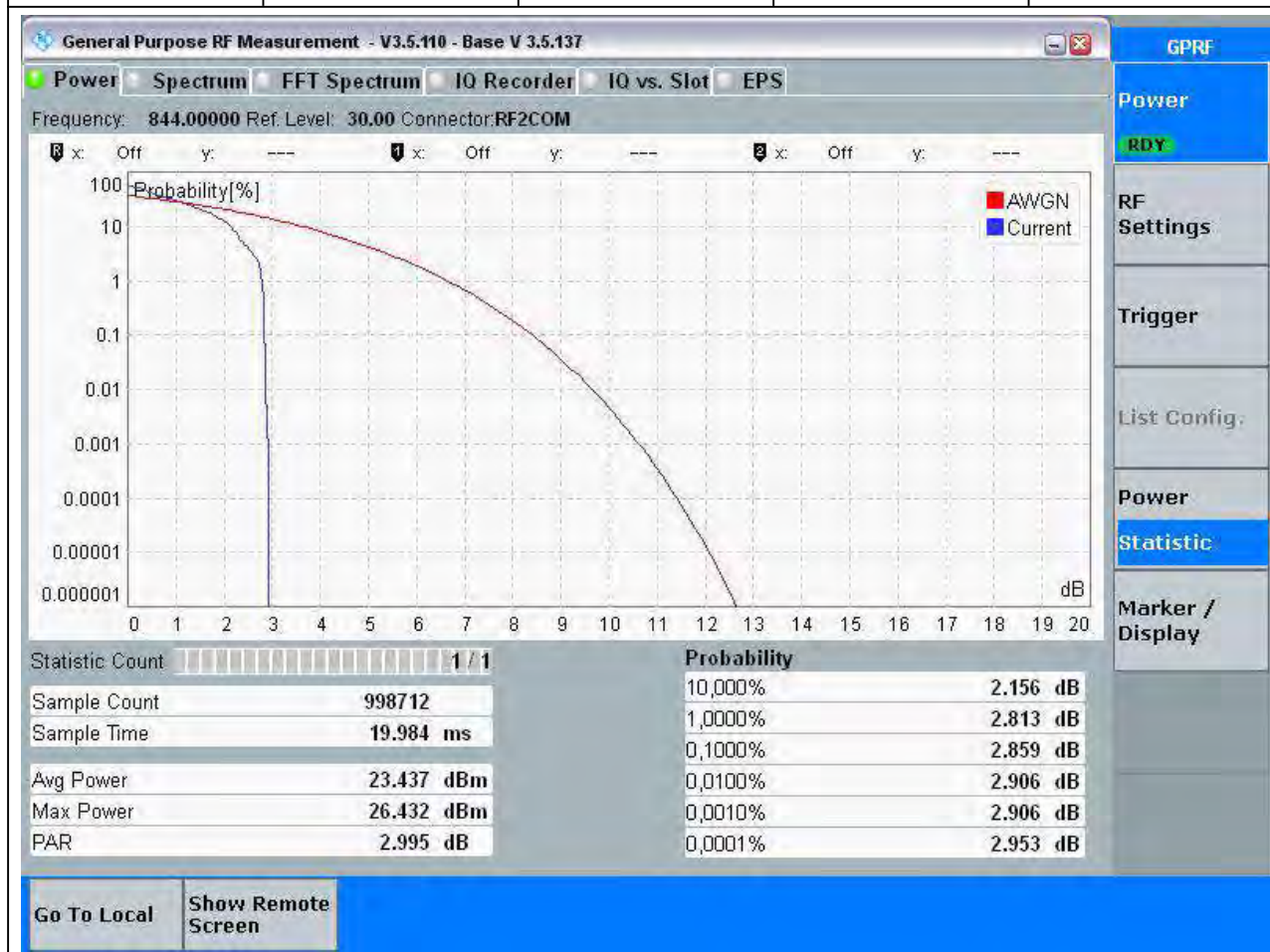
6.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.2	13	Pass



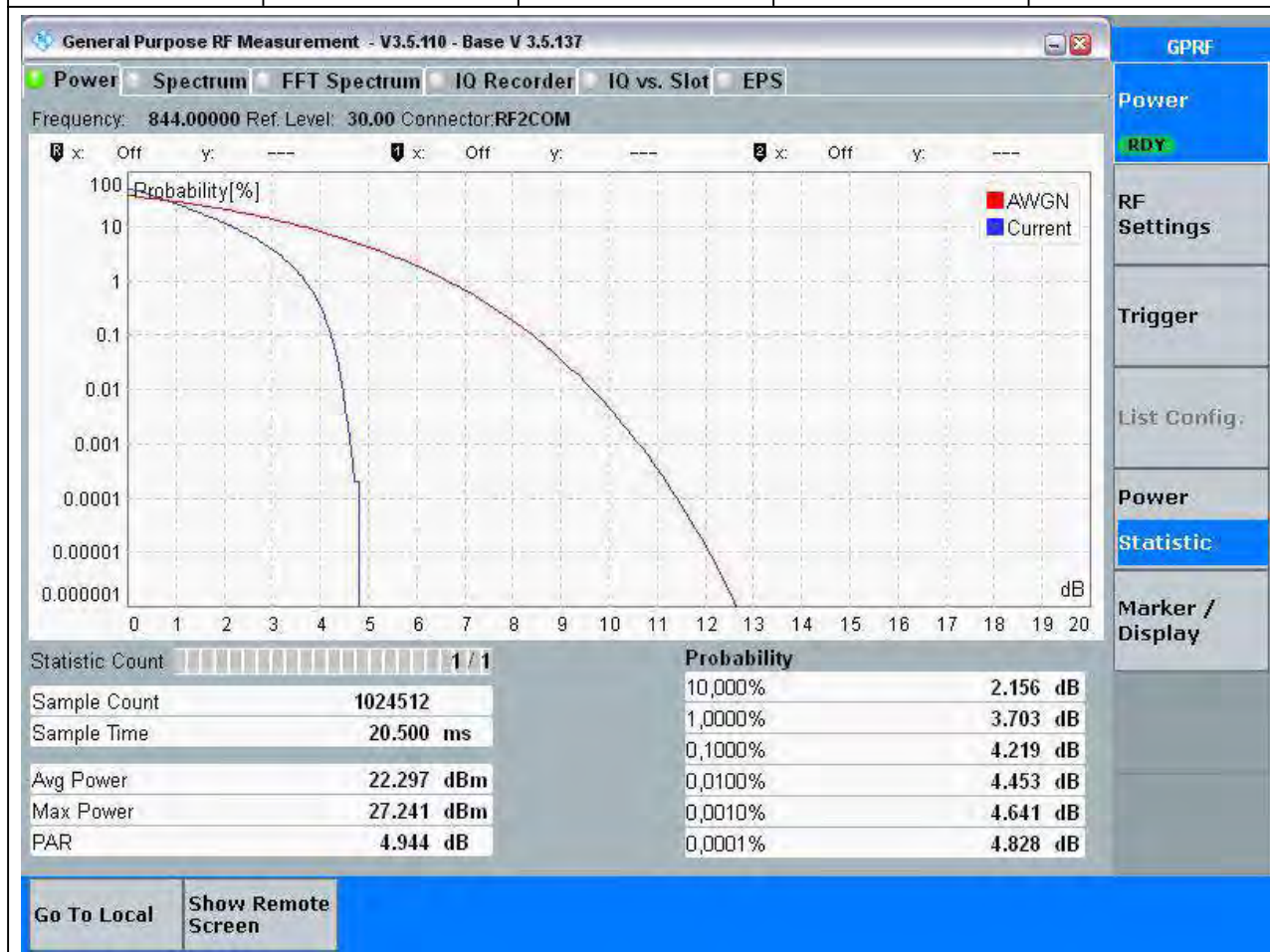
6.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	2.86	13	Pass



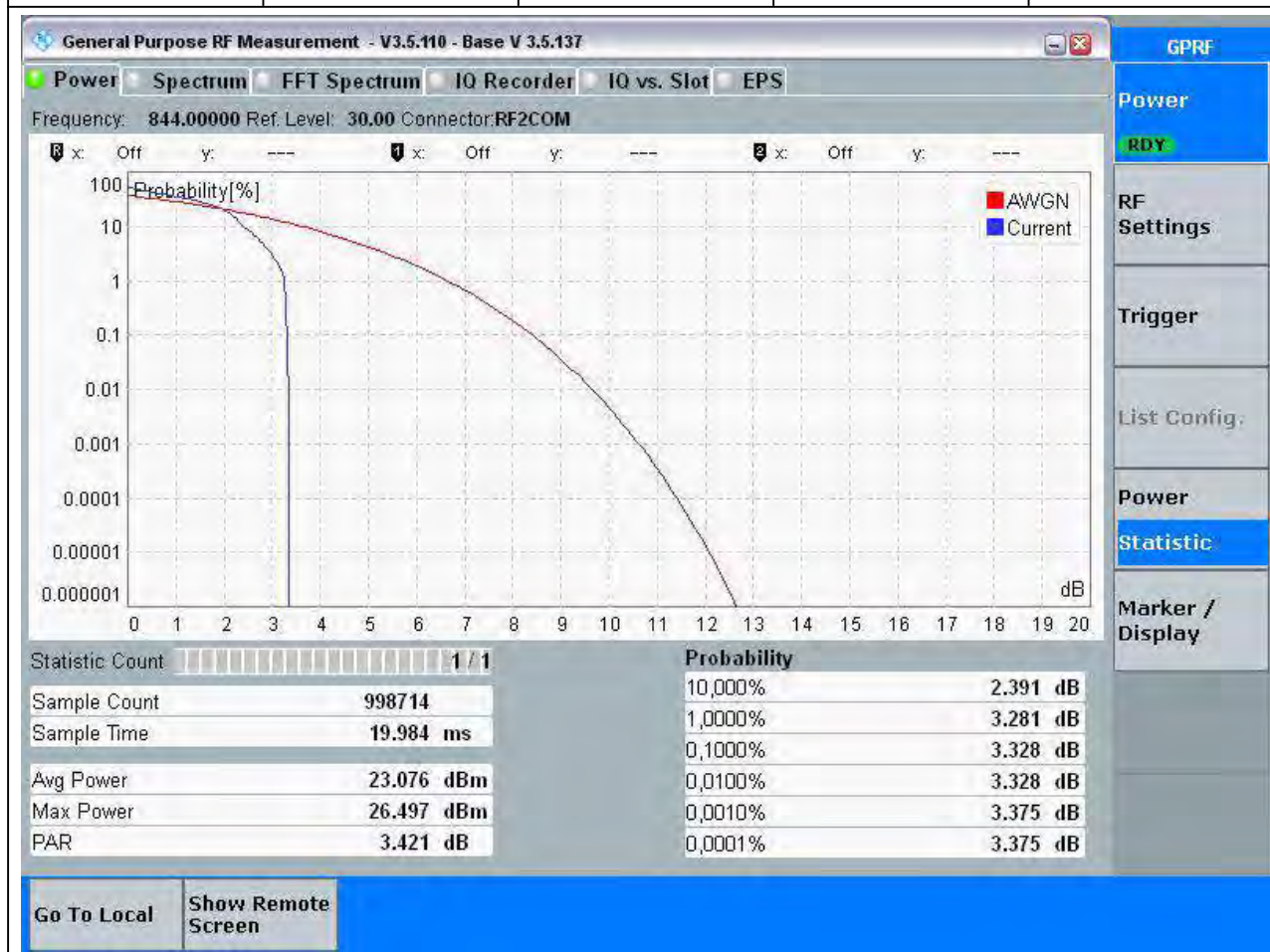
6.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	4.22	13	Pass



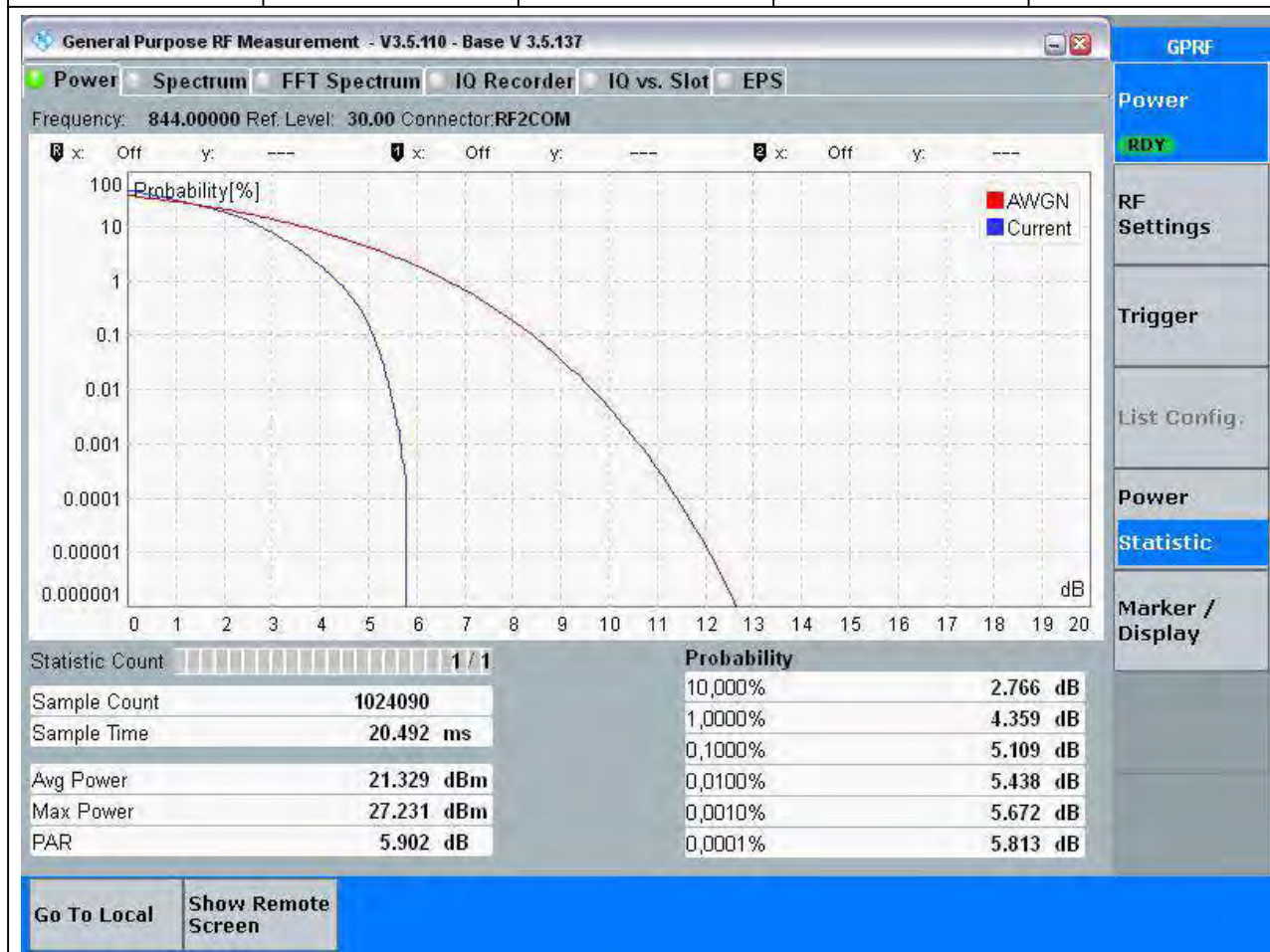
6.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	3.33	13	Pass



6.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

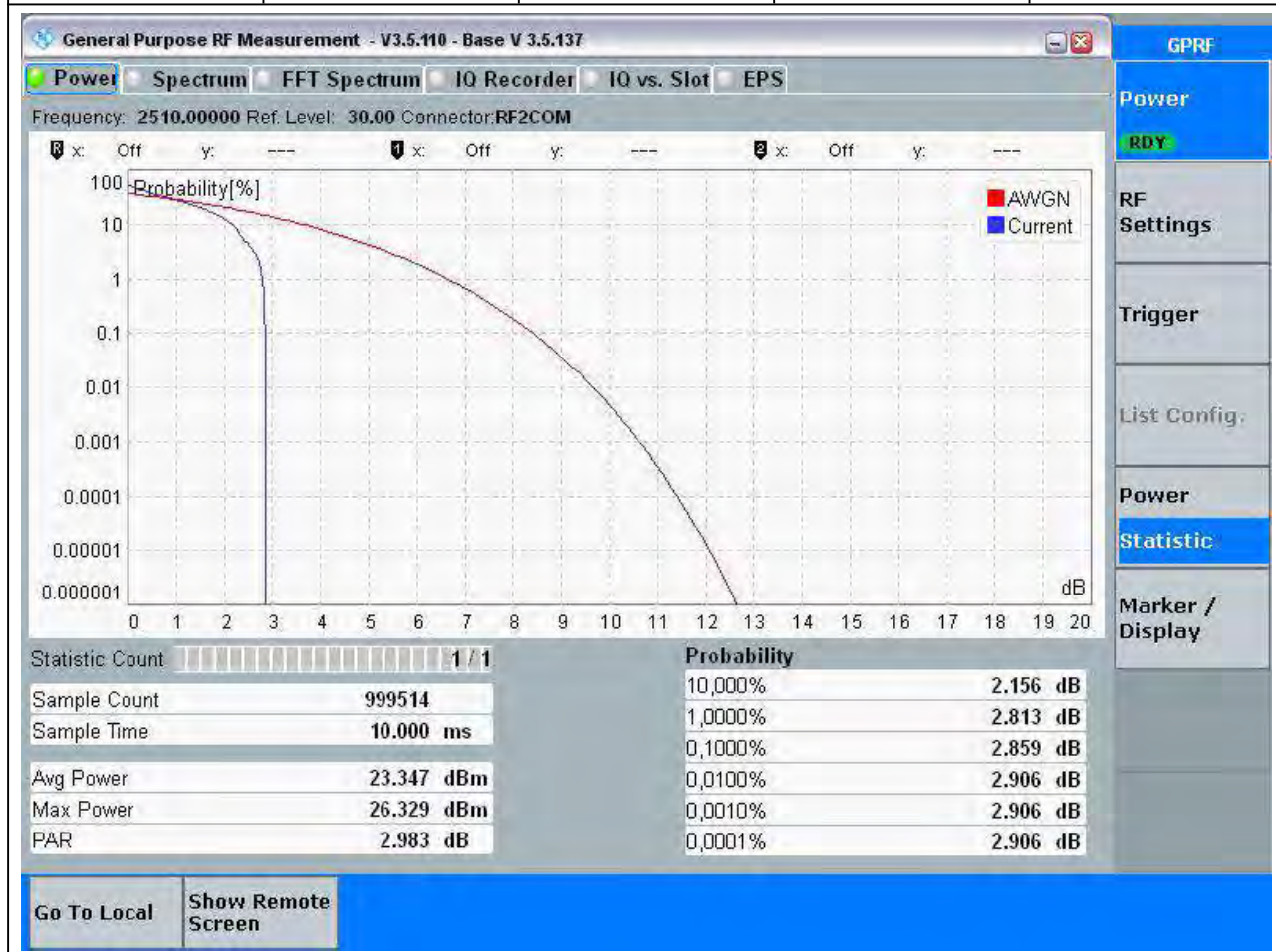
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
844	0.1	5.11	13	Pass



7. LTE_Band7

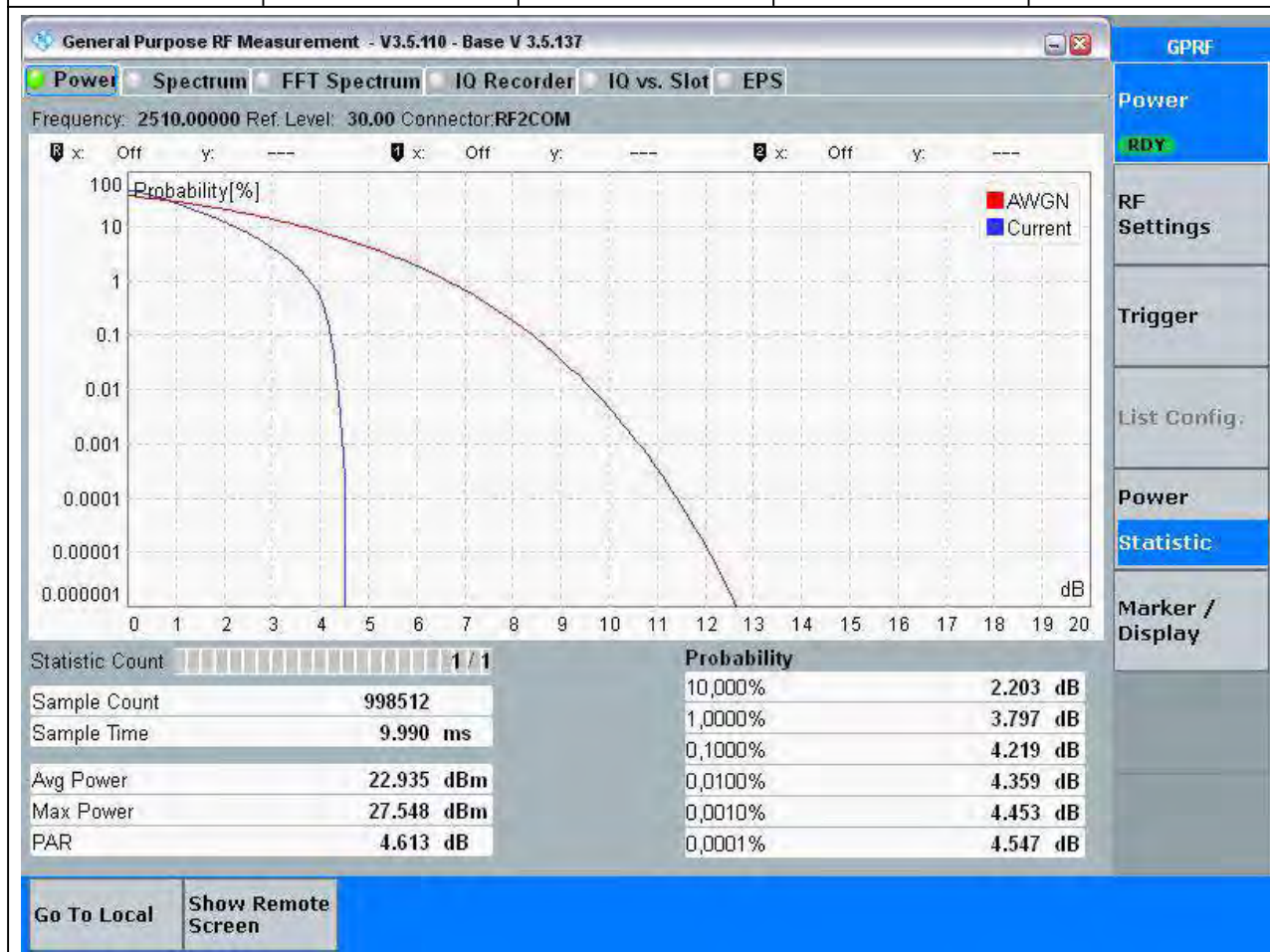
7.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	2.86	13	Pass



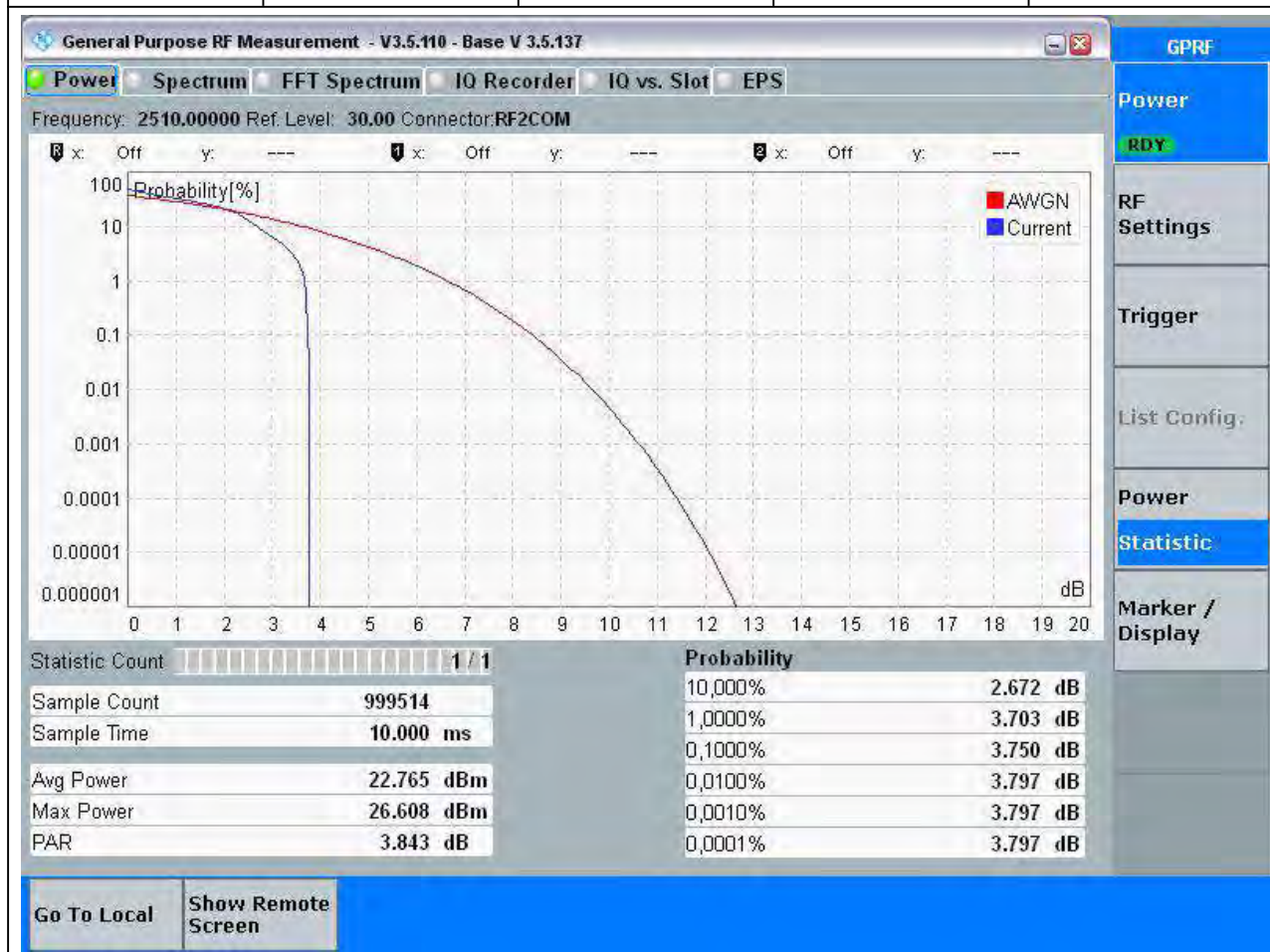
7.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	4.22	13	Pass



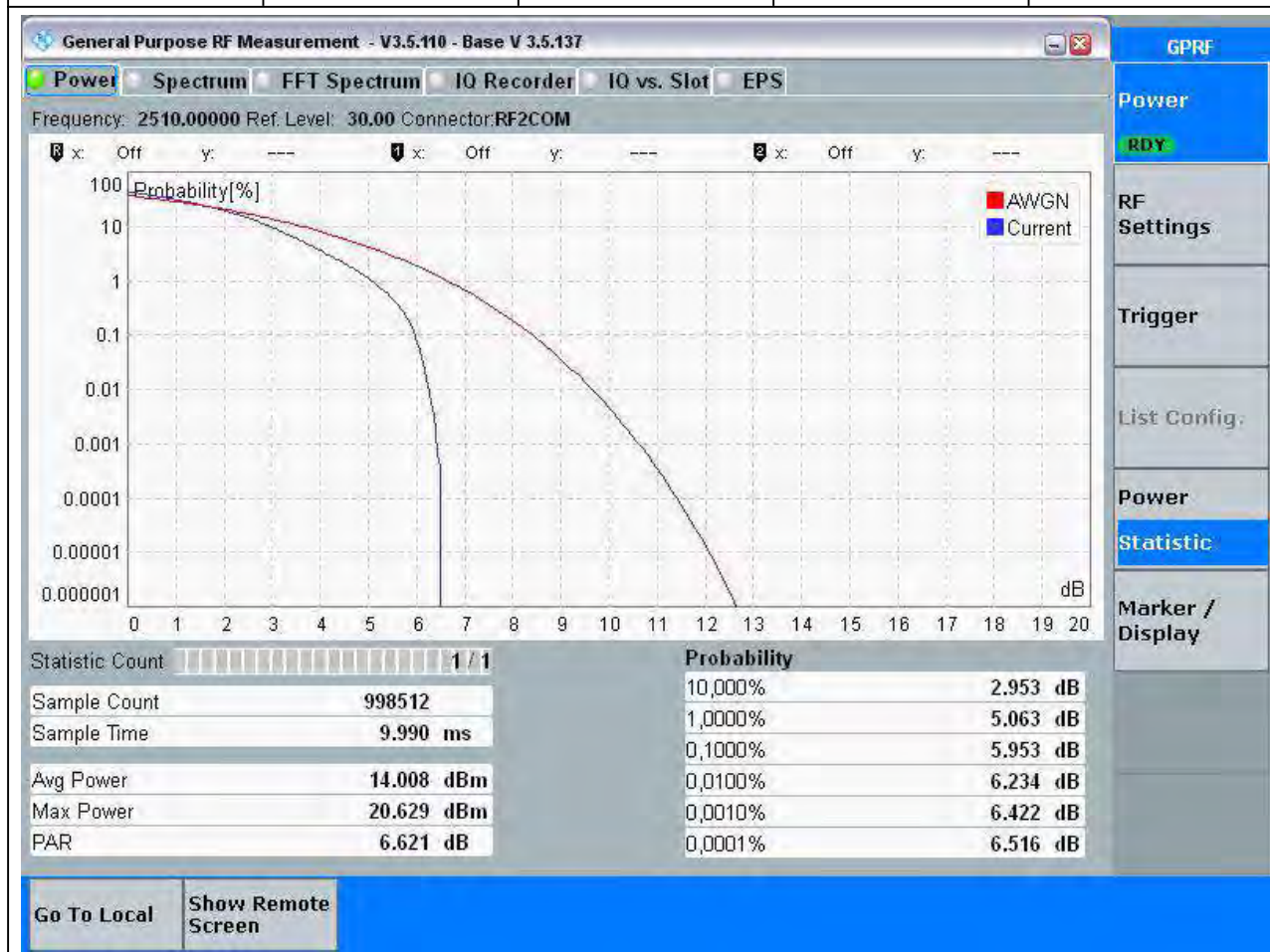
7.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	3.75	13	Pass



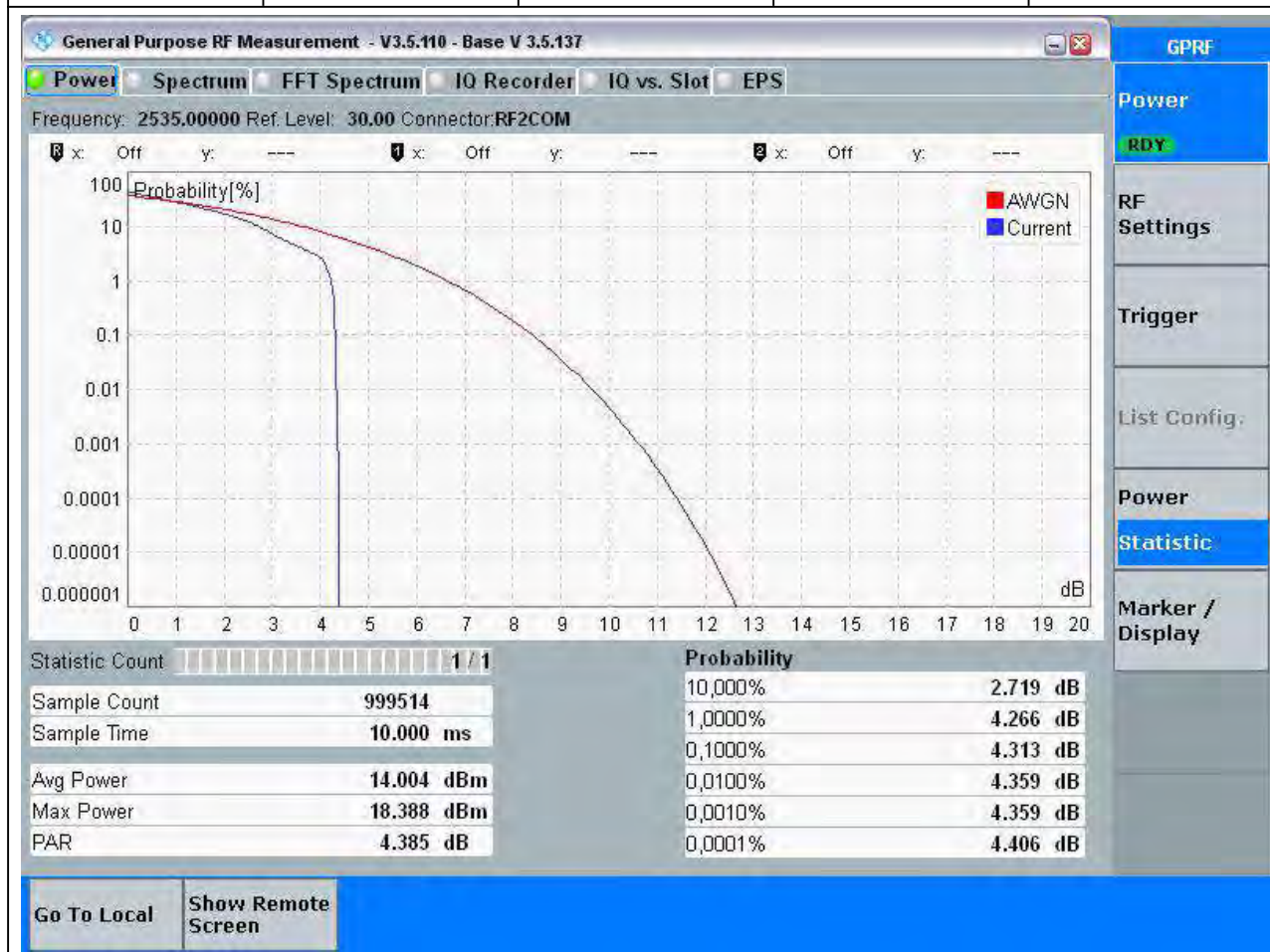
7.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2510	0.1	5.95	13	Pass



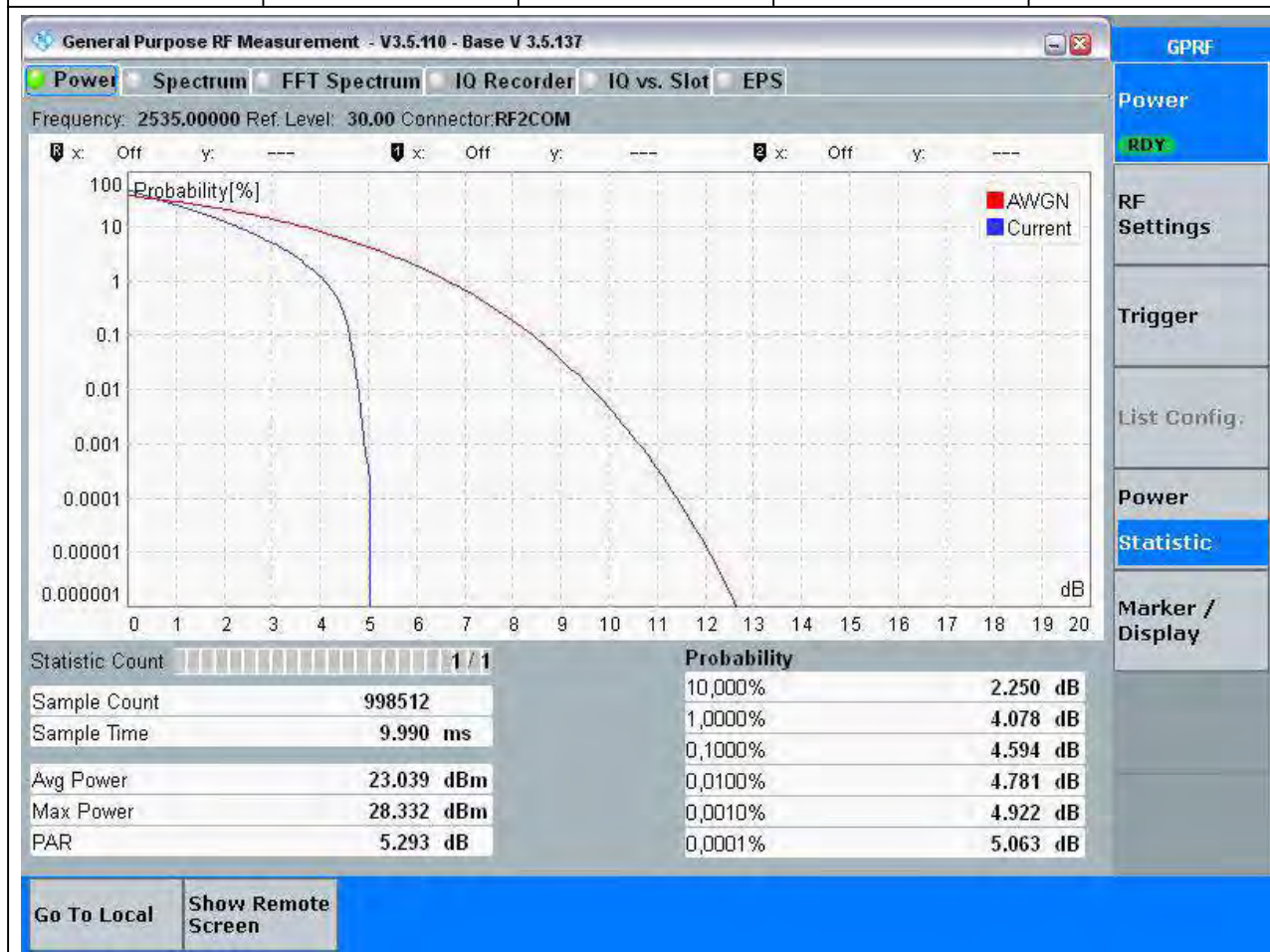
7.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.31	13	Pass



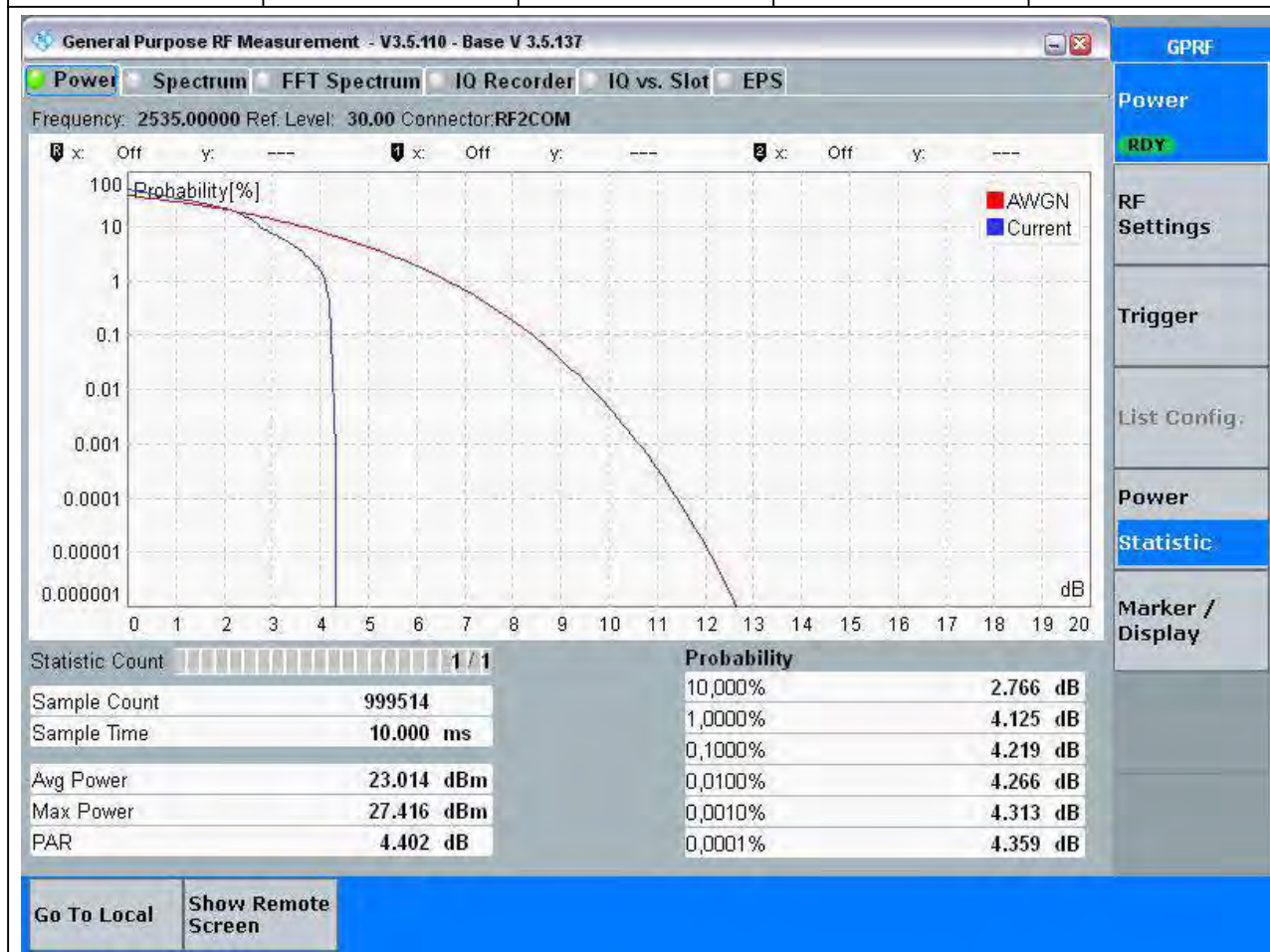
7.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.59	13	Pass



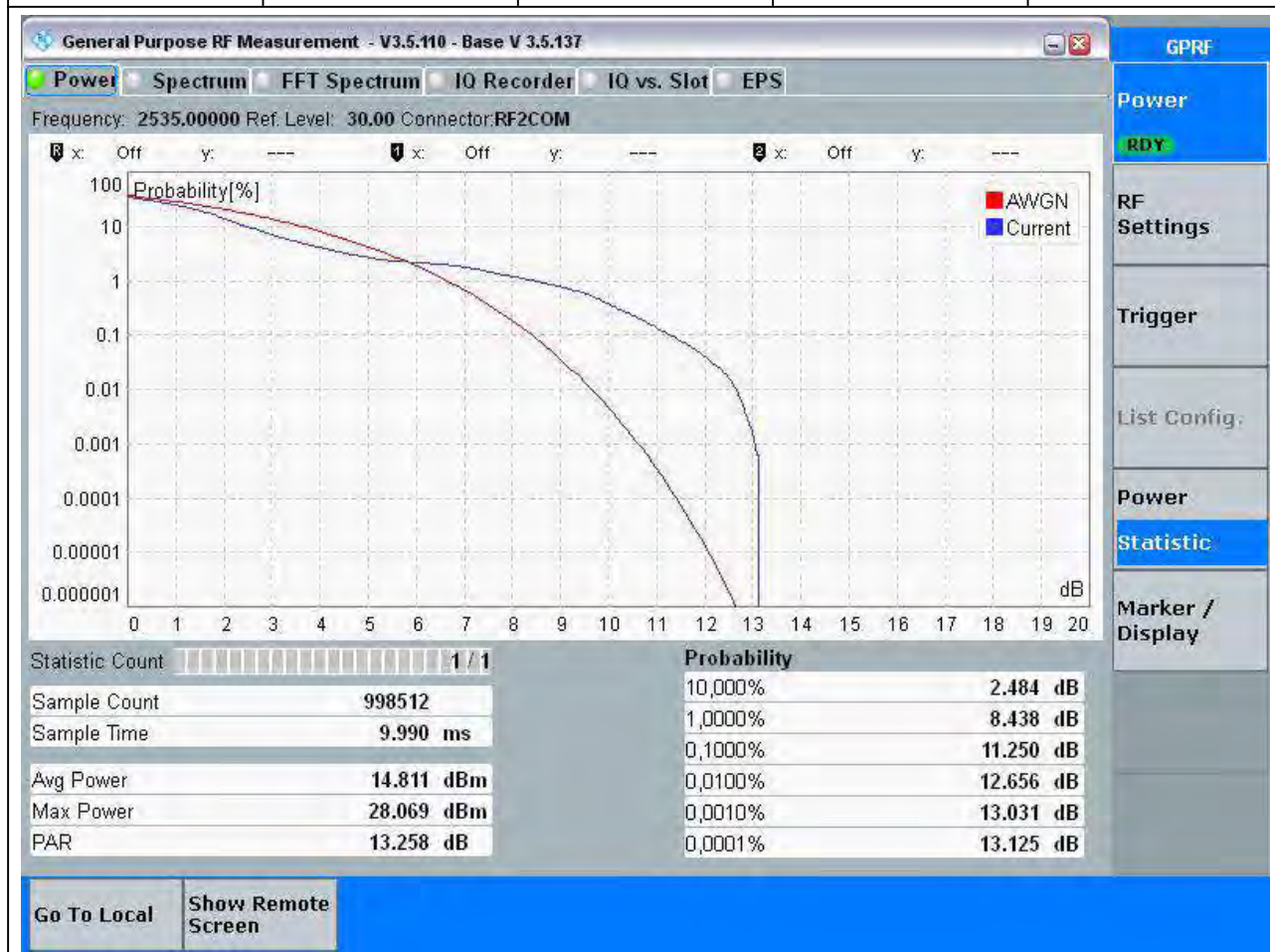
7.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	4.22	13	Pass



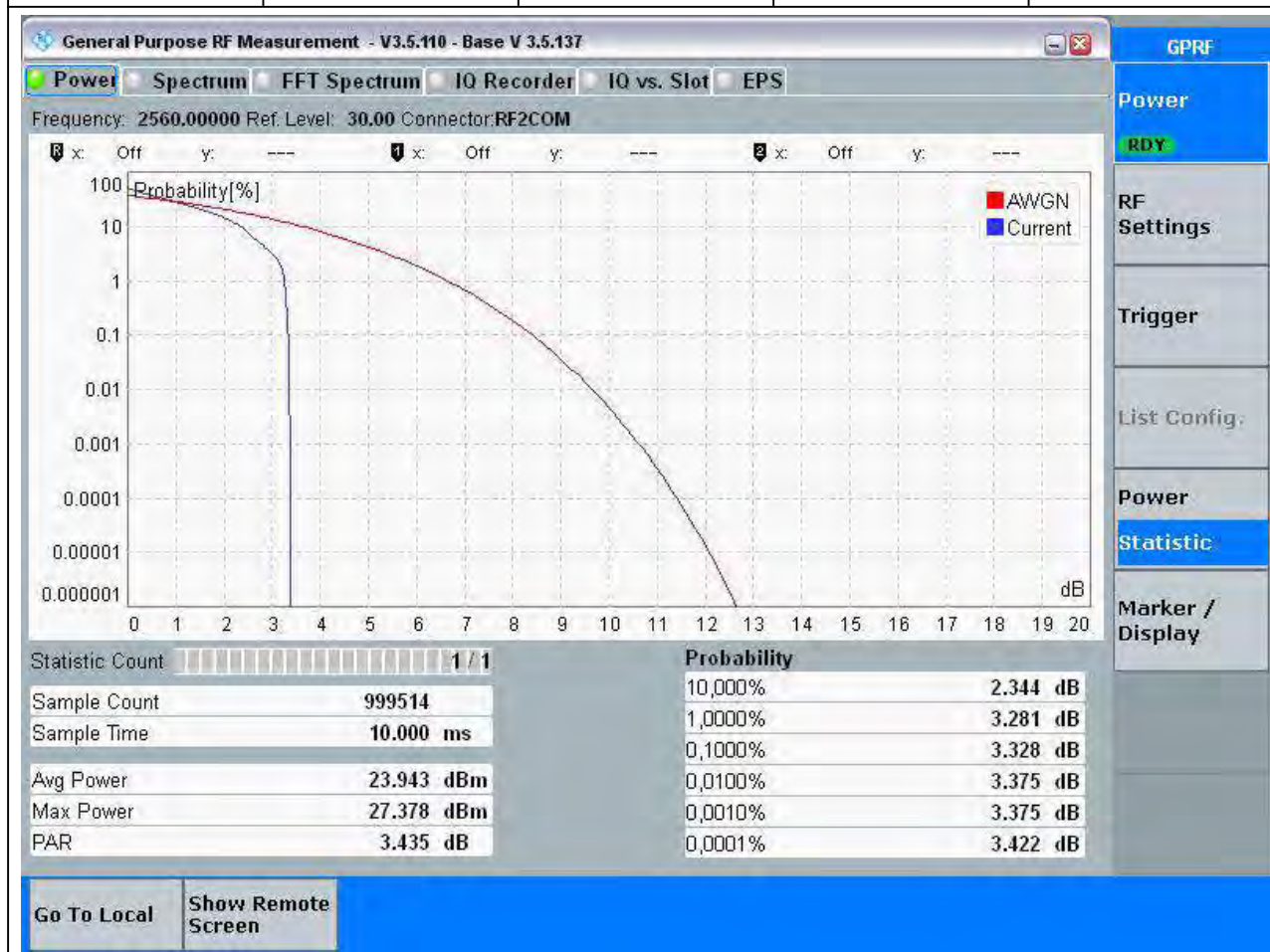
7.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2535	0.1	11.25	13	Pass



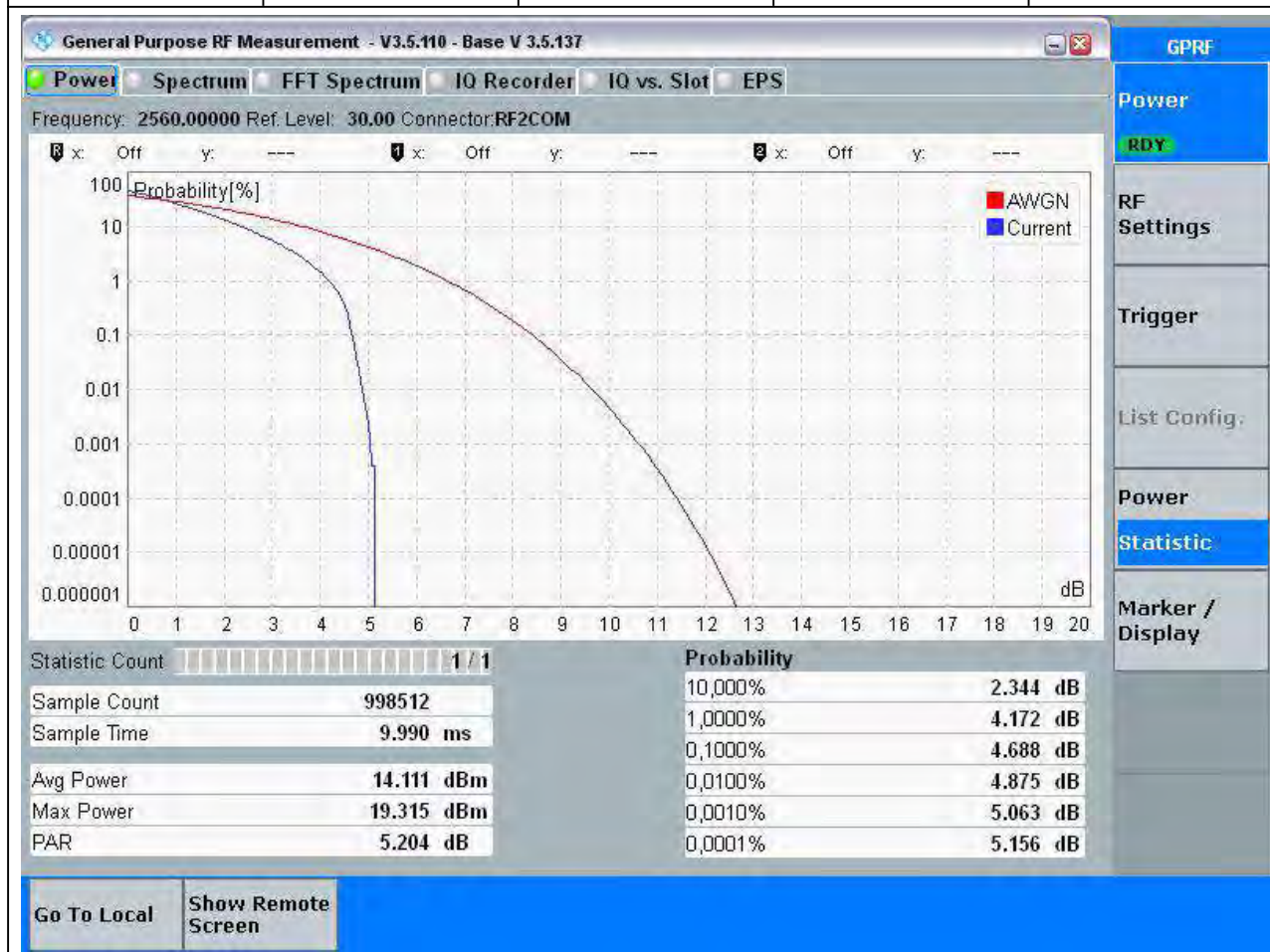
7.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	3.33	13	Pass



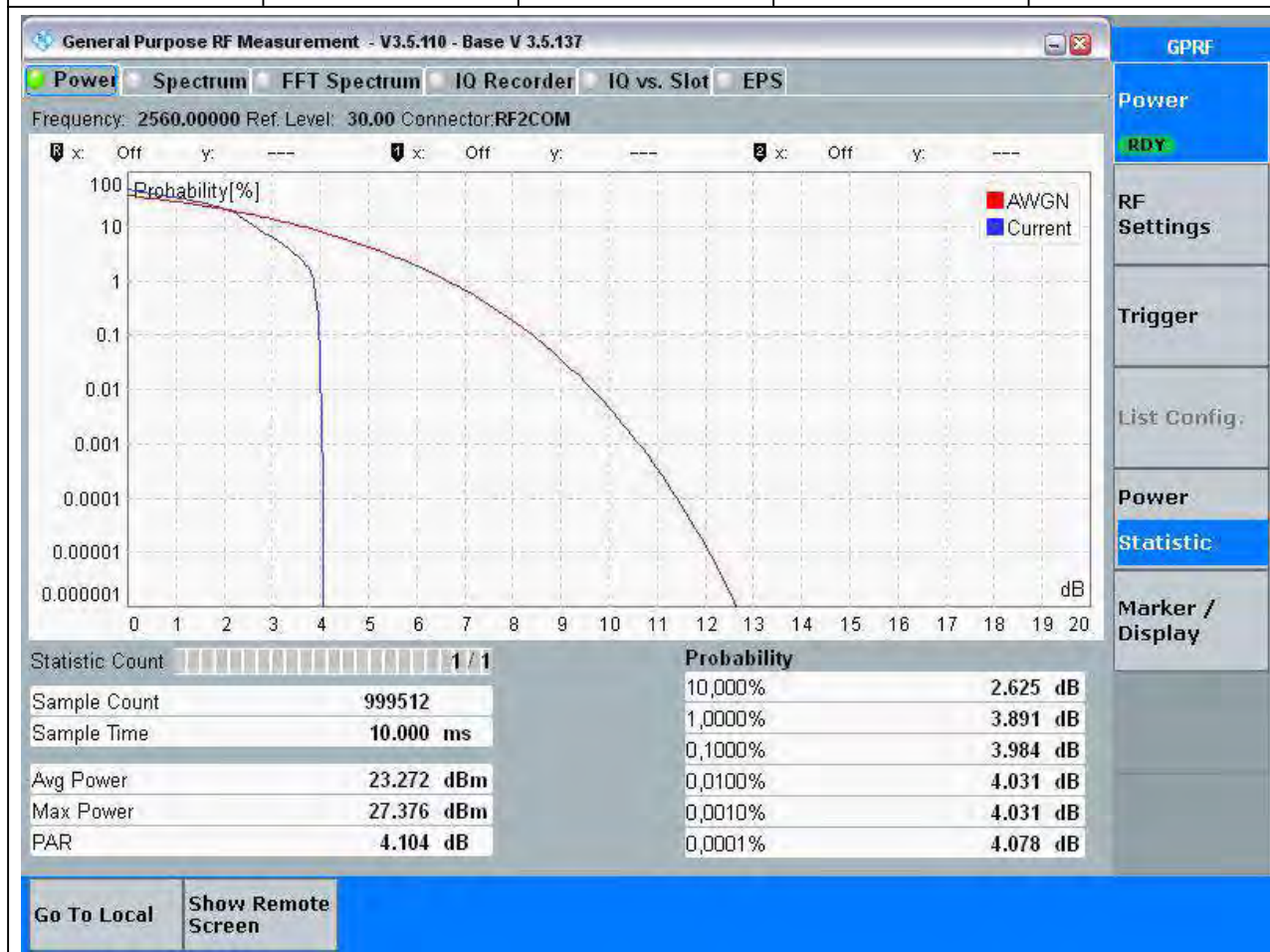
7.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	4.69	13	Pass



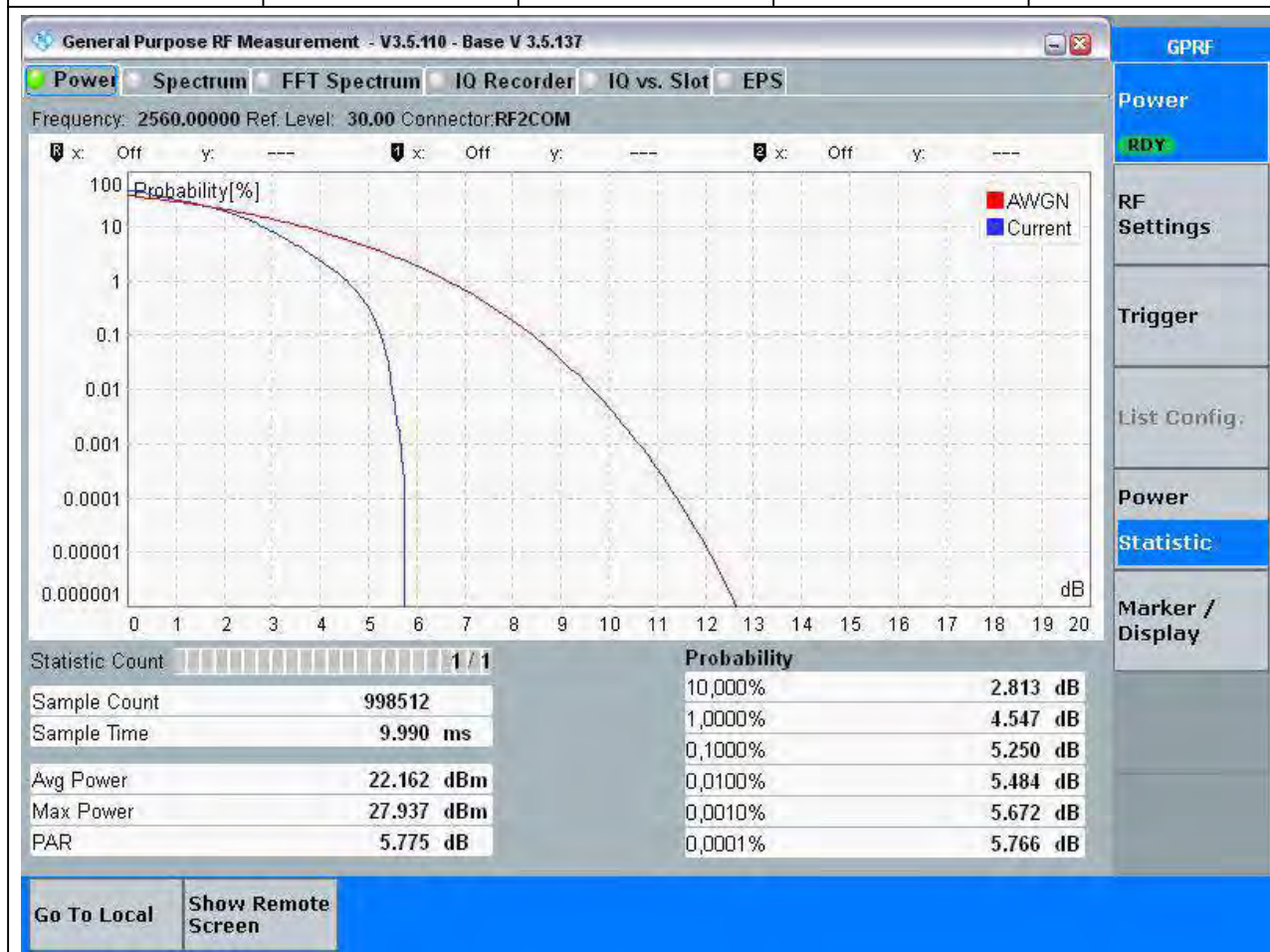
7.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	3.98	13	Pass



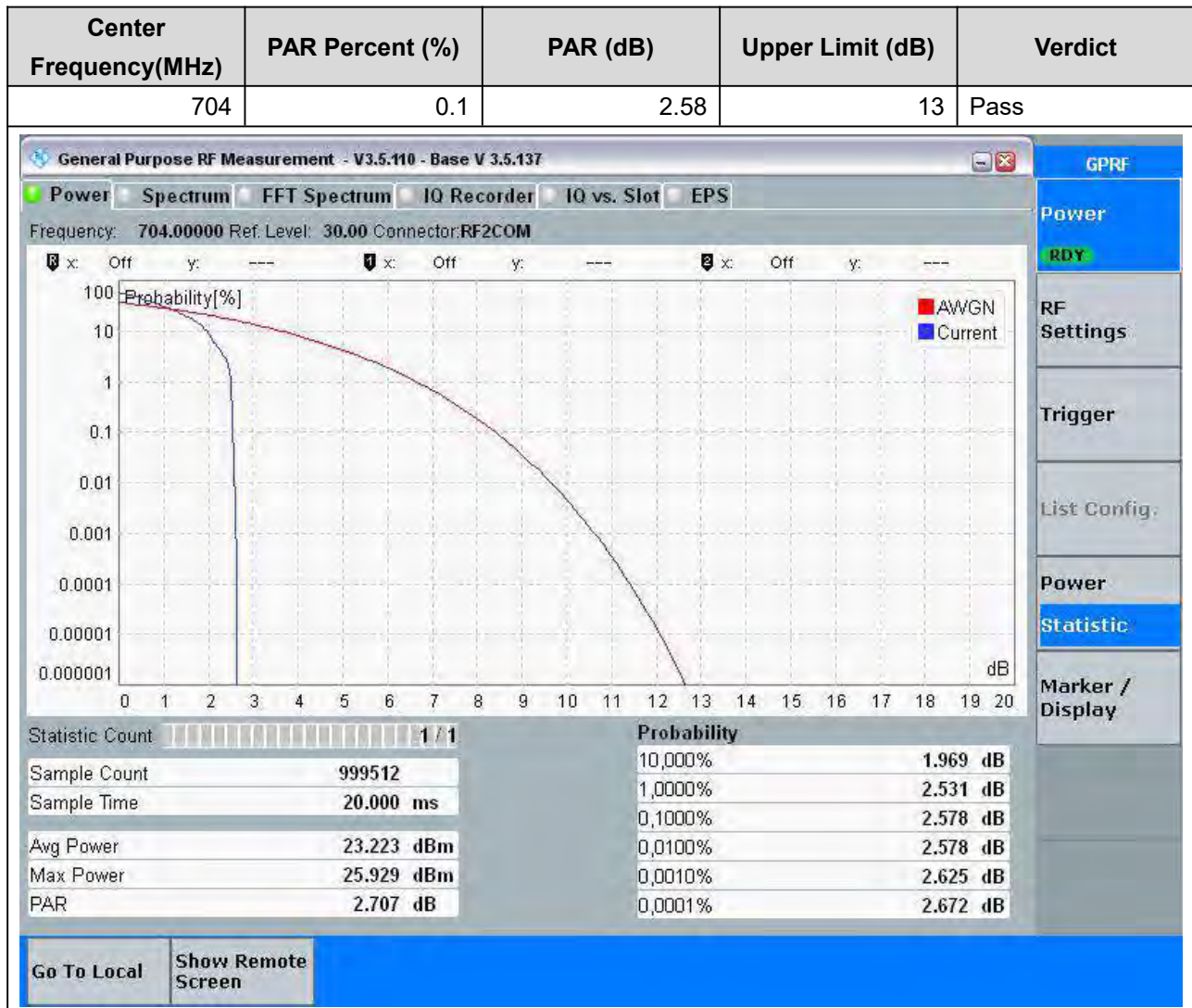
7.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2560	0.1	5.25	13	Pass



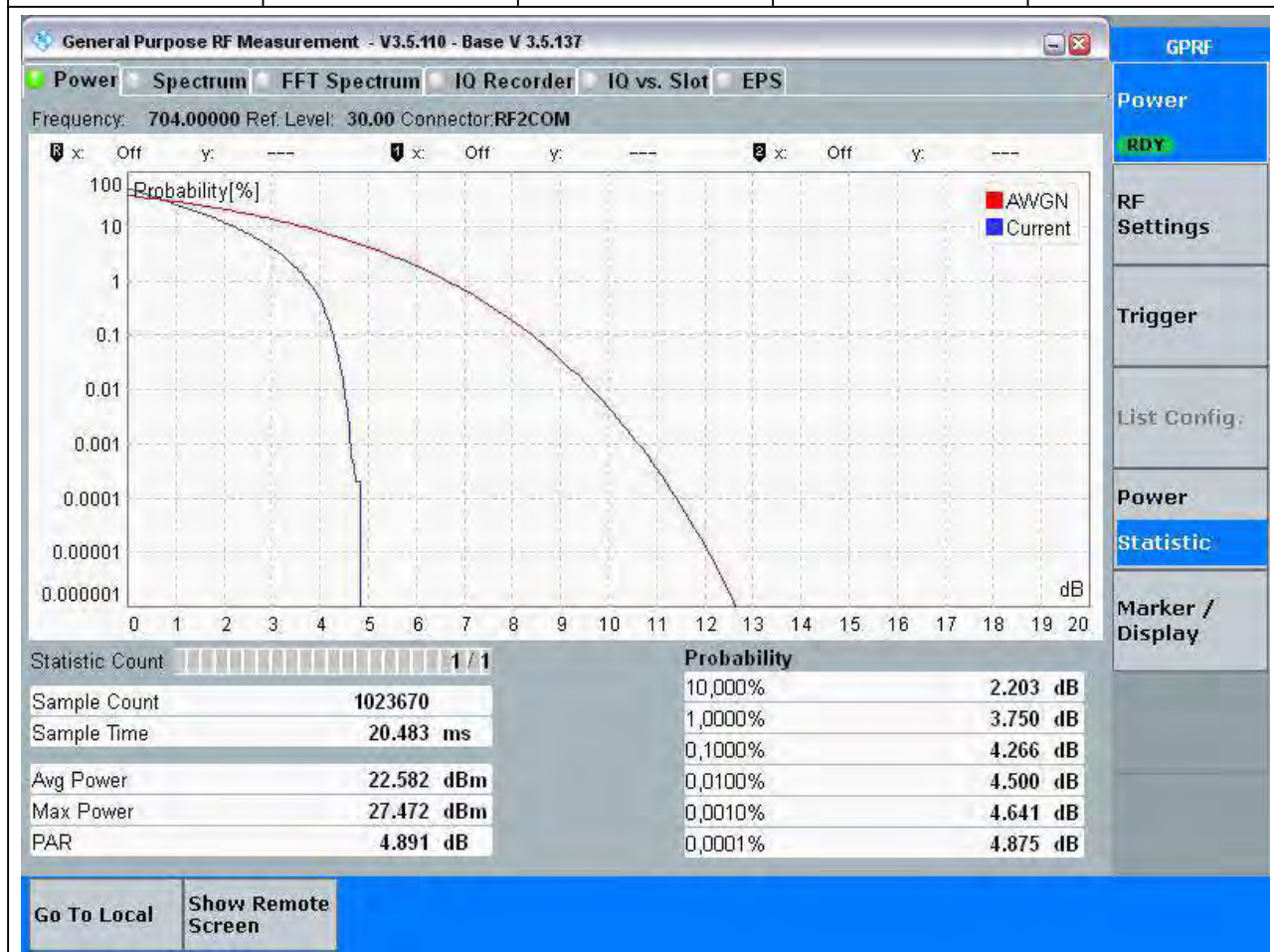
8. LTE_Band12

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



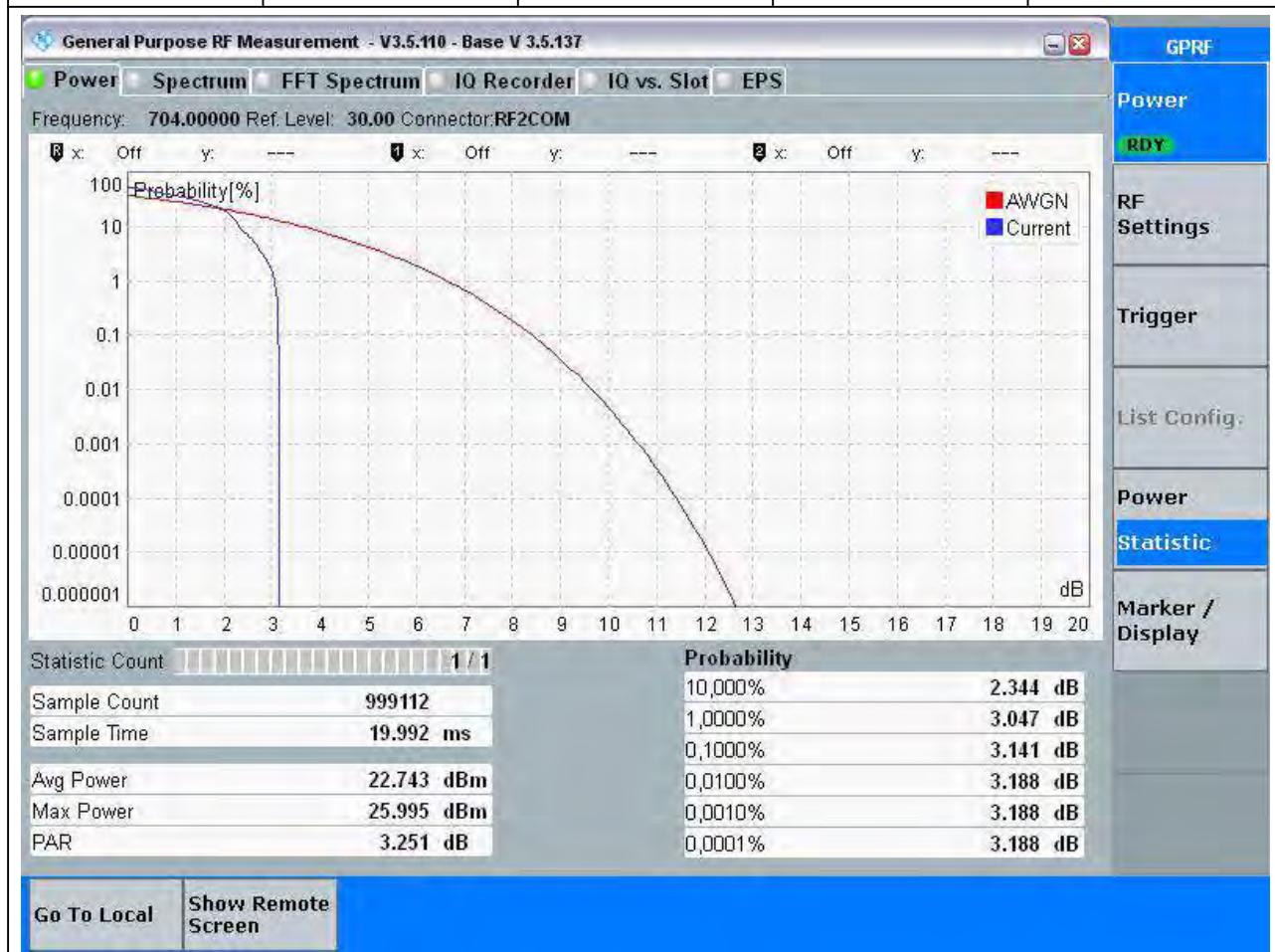
8.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
704	0.1	4.27	13	Pass



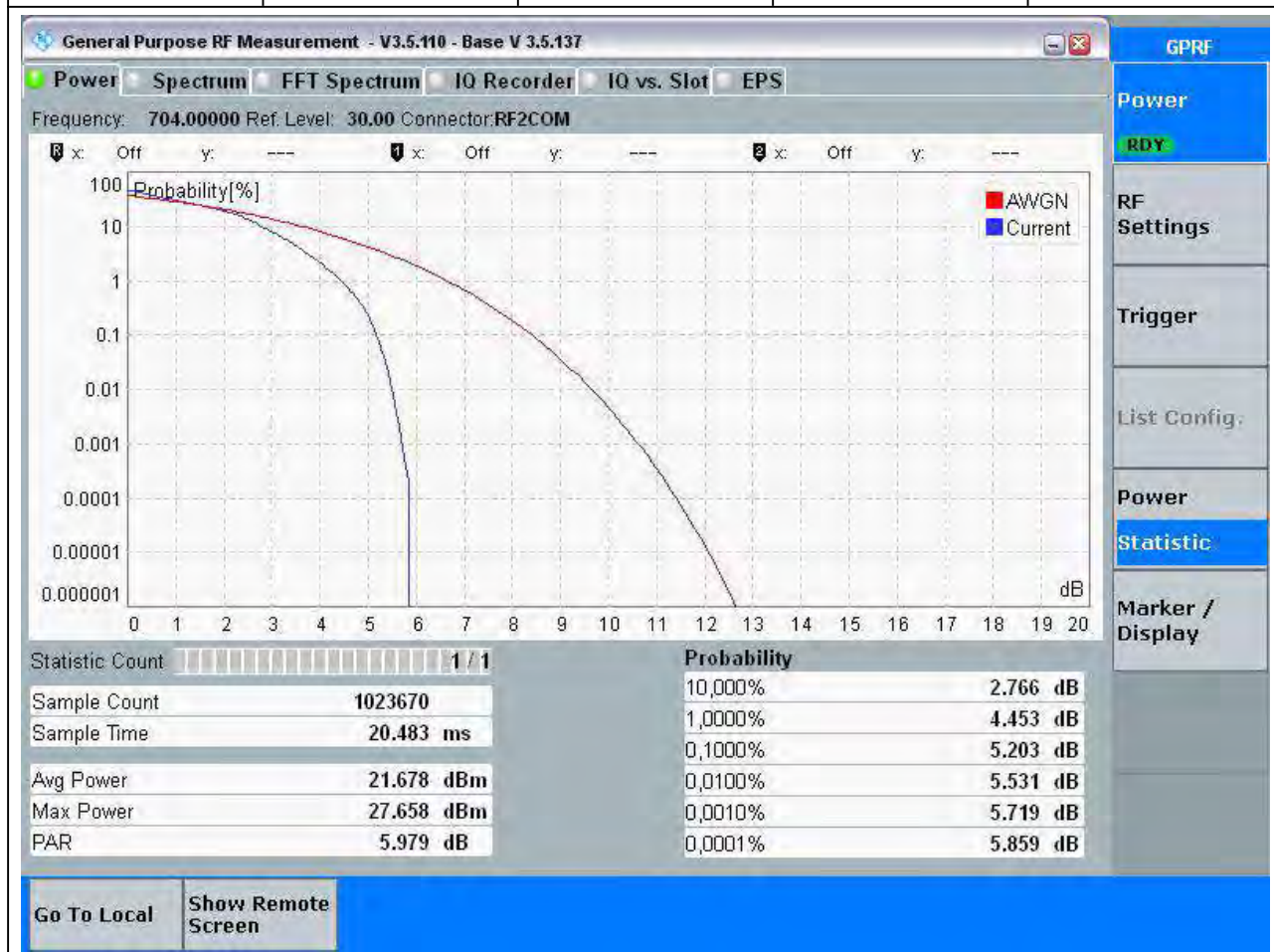
8.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
704	0.1	3.14	13	Pass



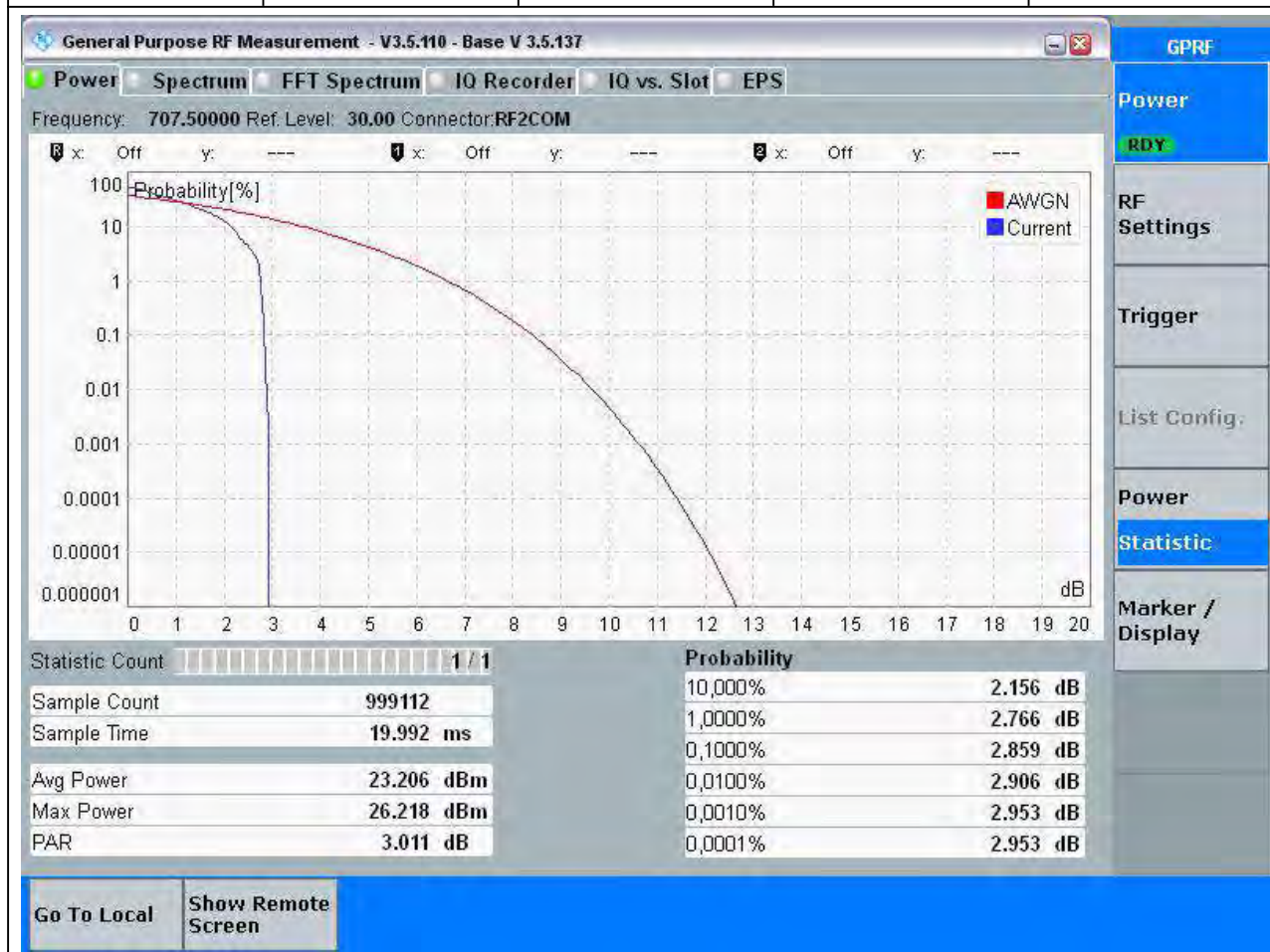
8.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
704	0.1	5.2	13	Pass



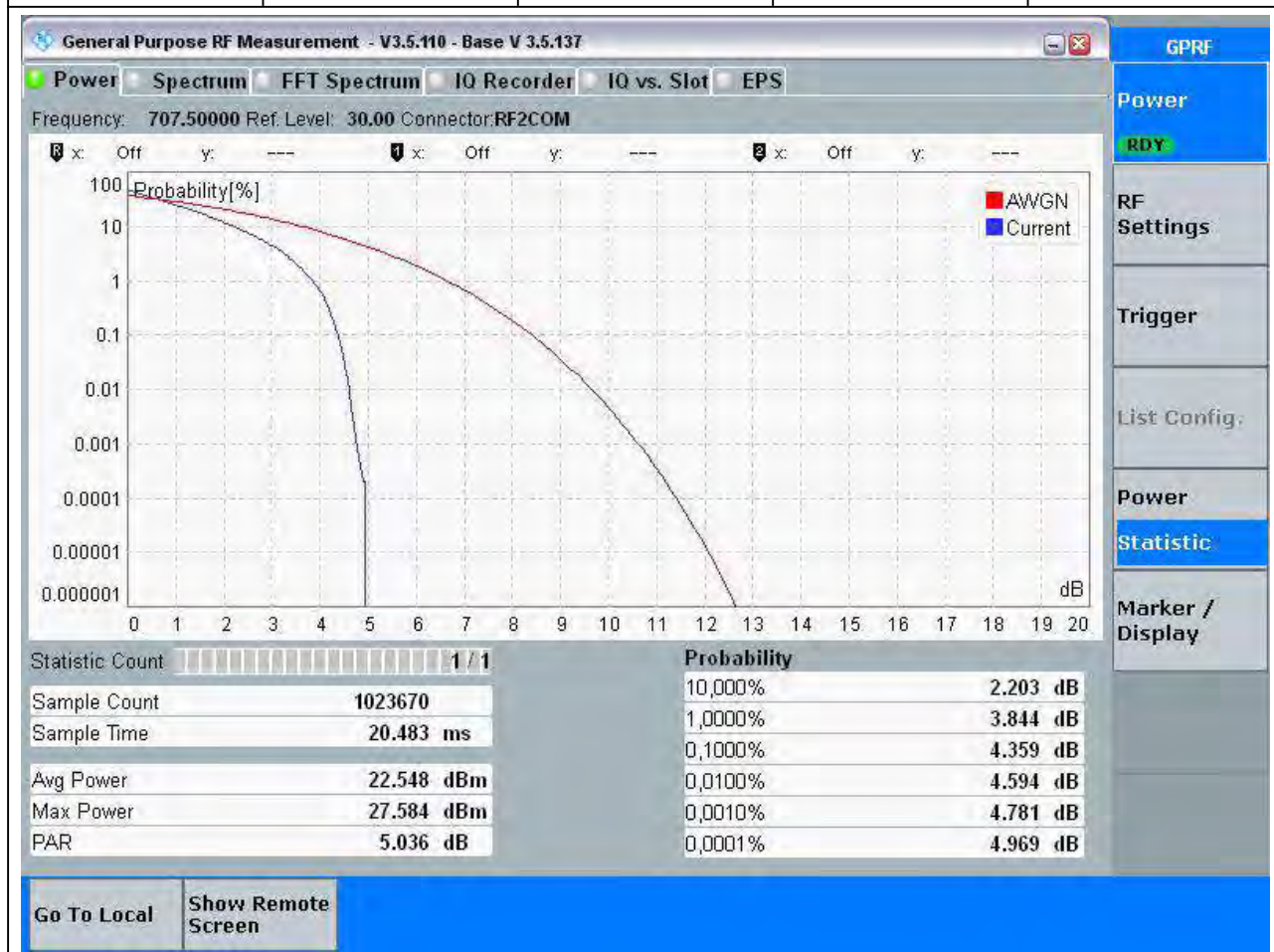
8.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	2.86	13	Pass



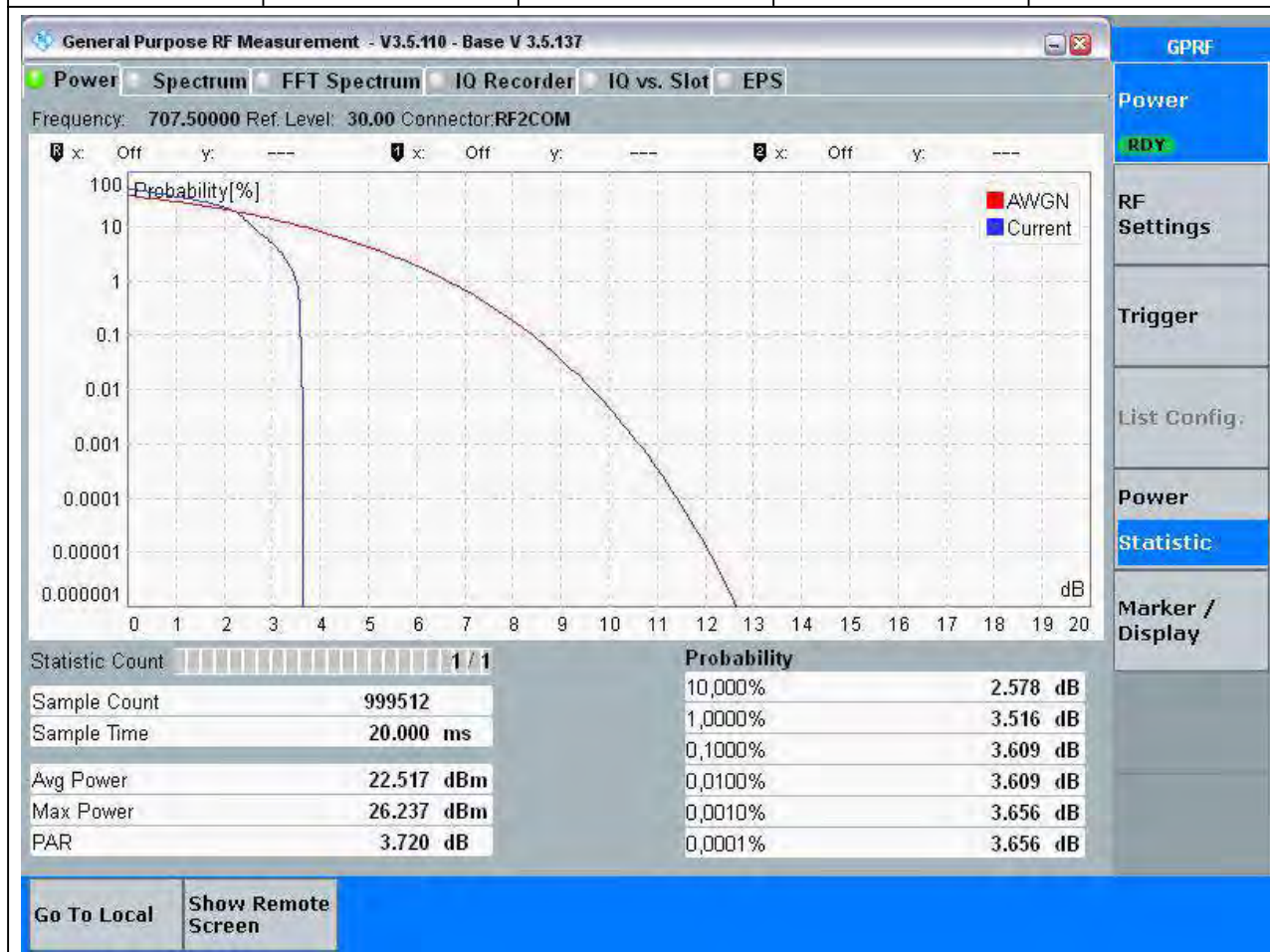
8.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	4.36	13	Pass



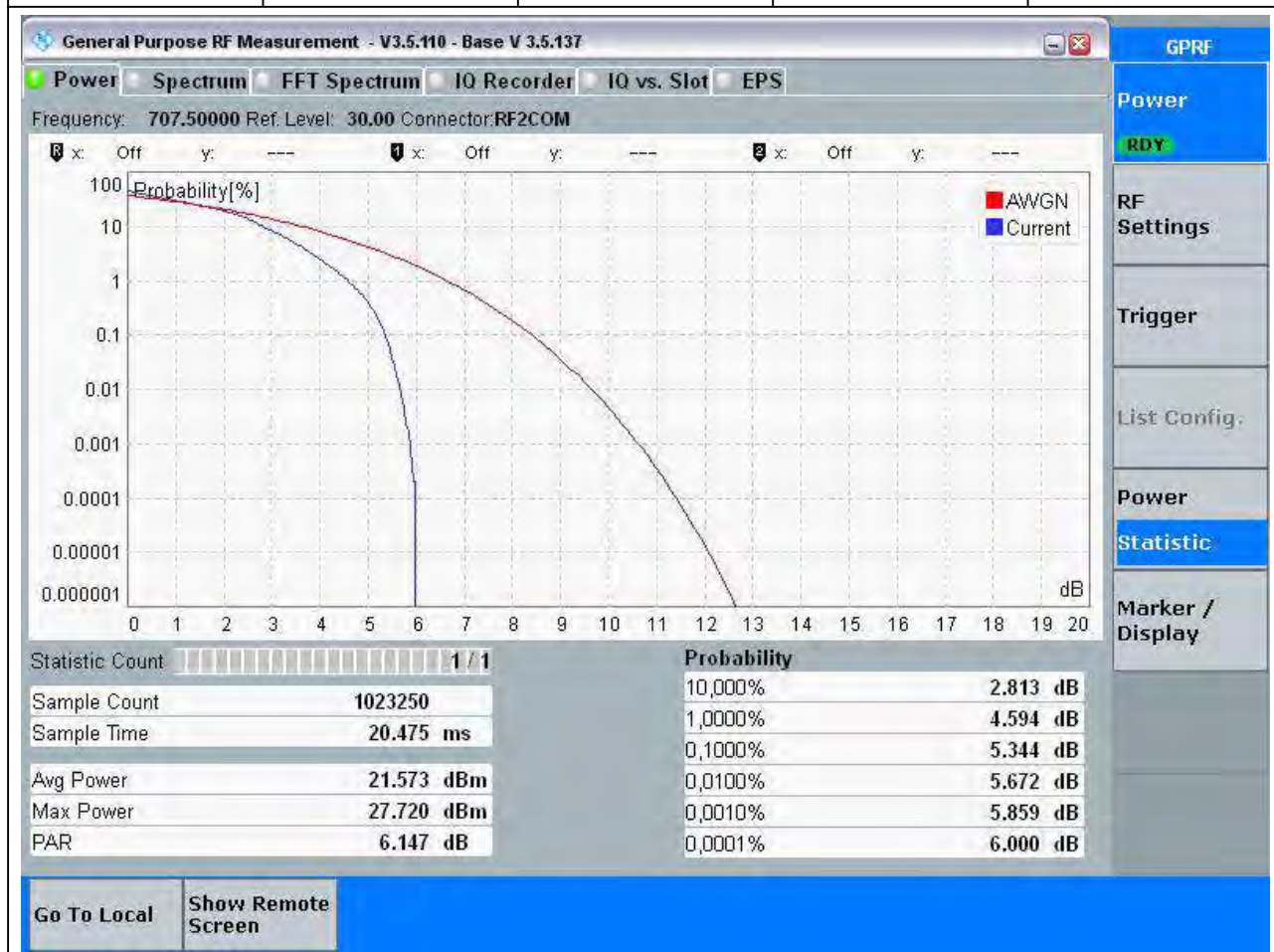
8.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	3.61	13	Pass



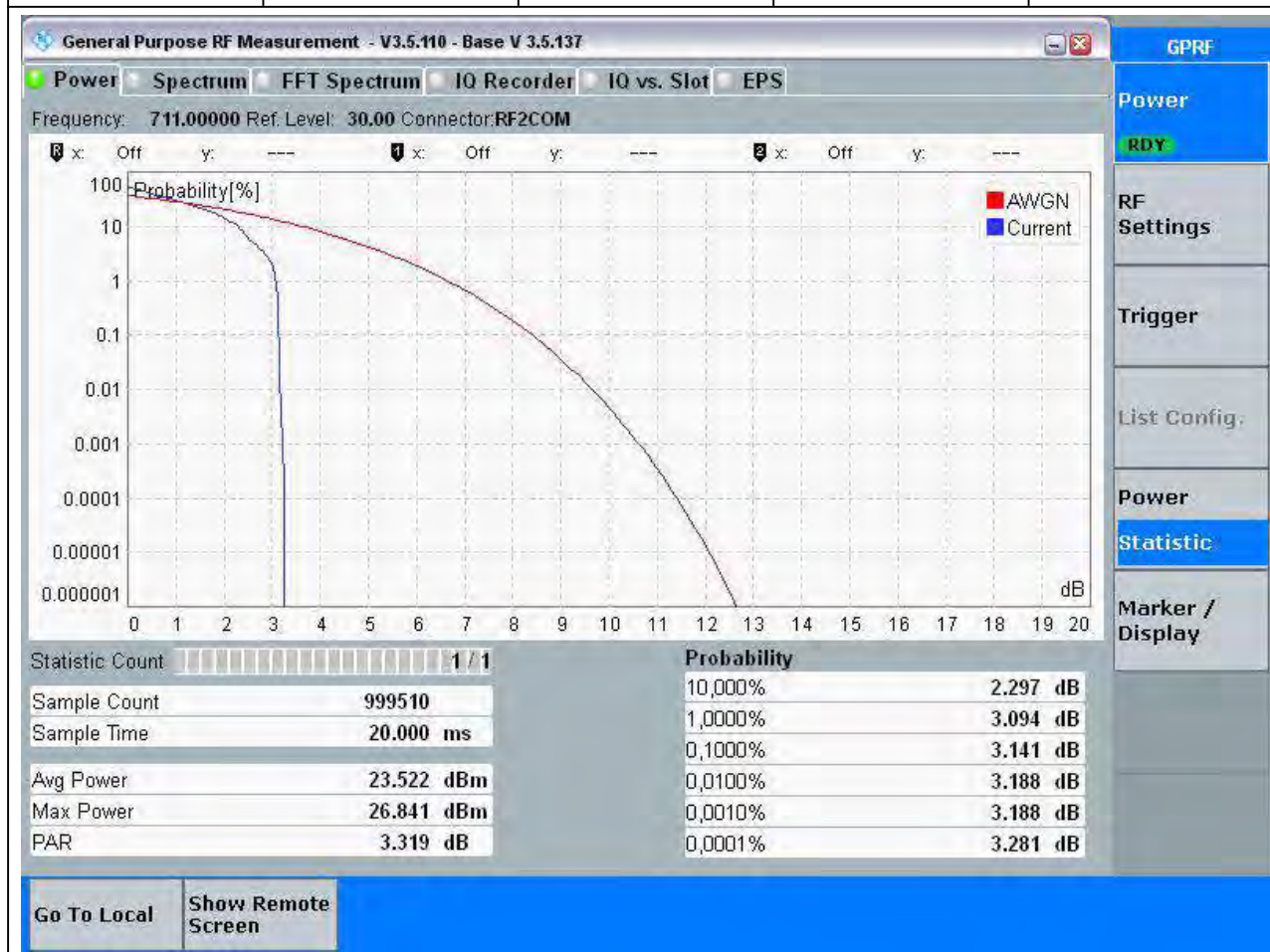
8.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
707.5	0.1	5.34	13	Pass



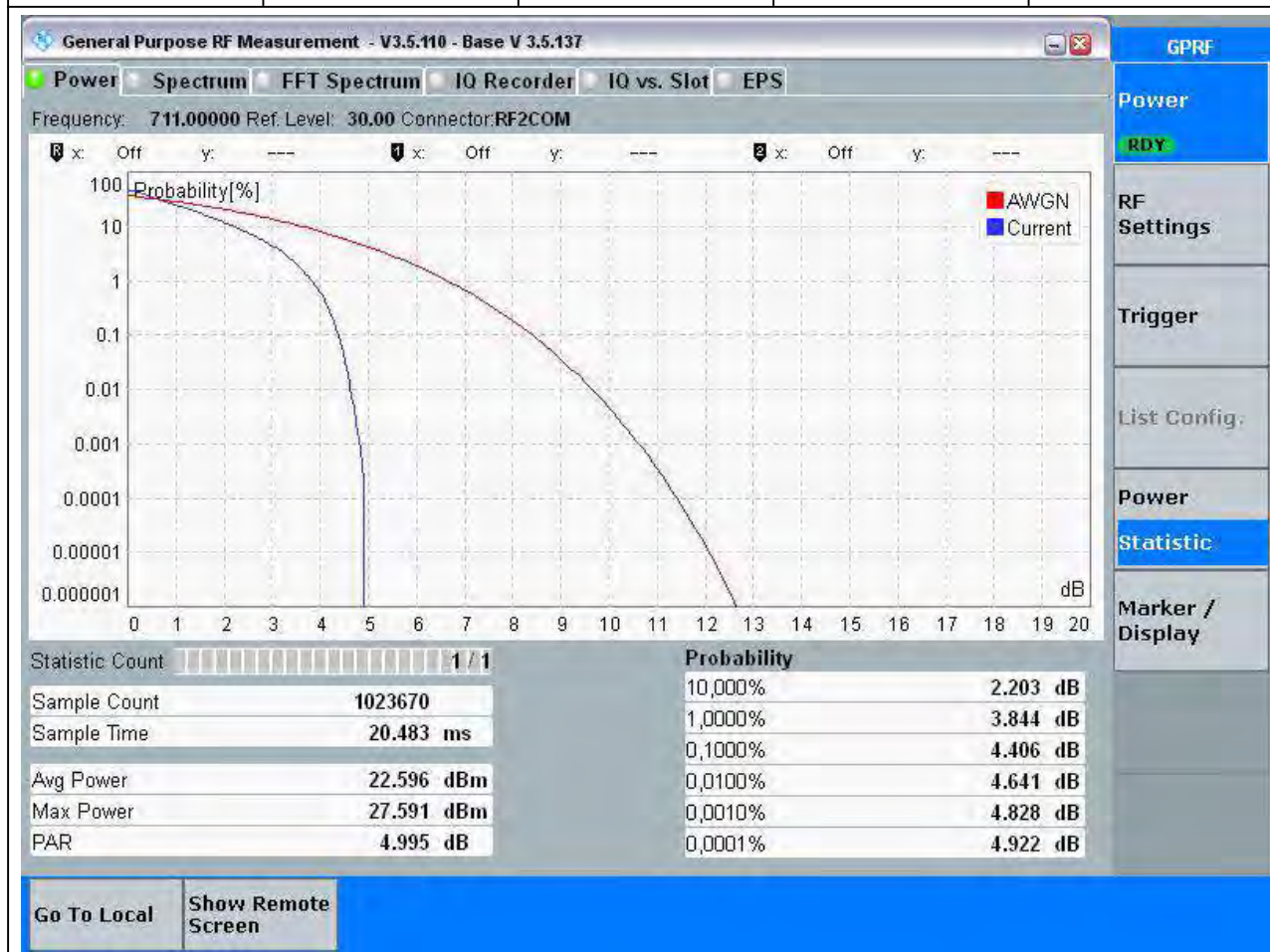
8.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	3.14	13	Pass



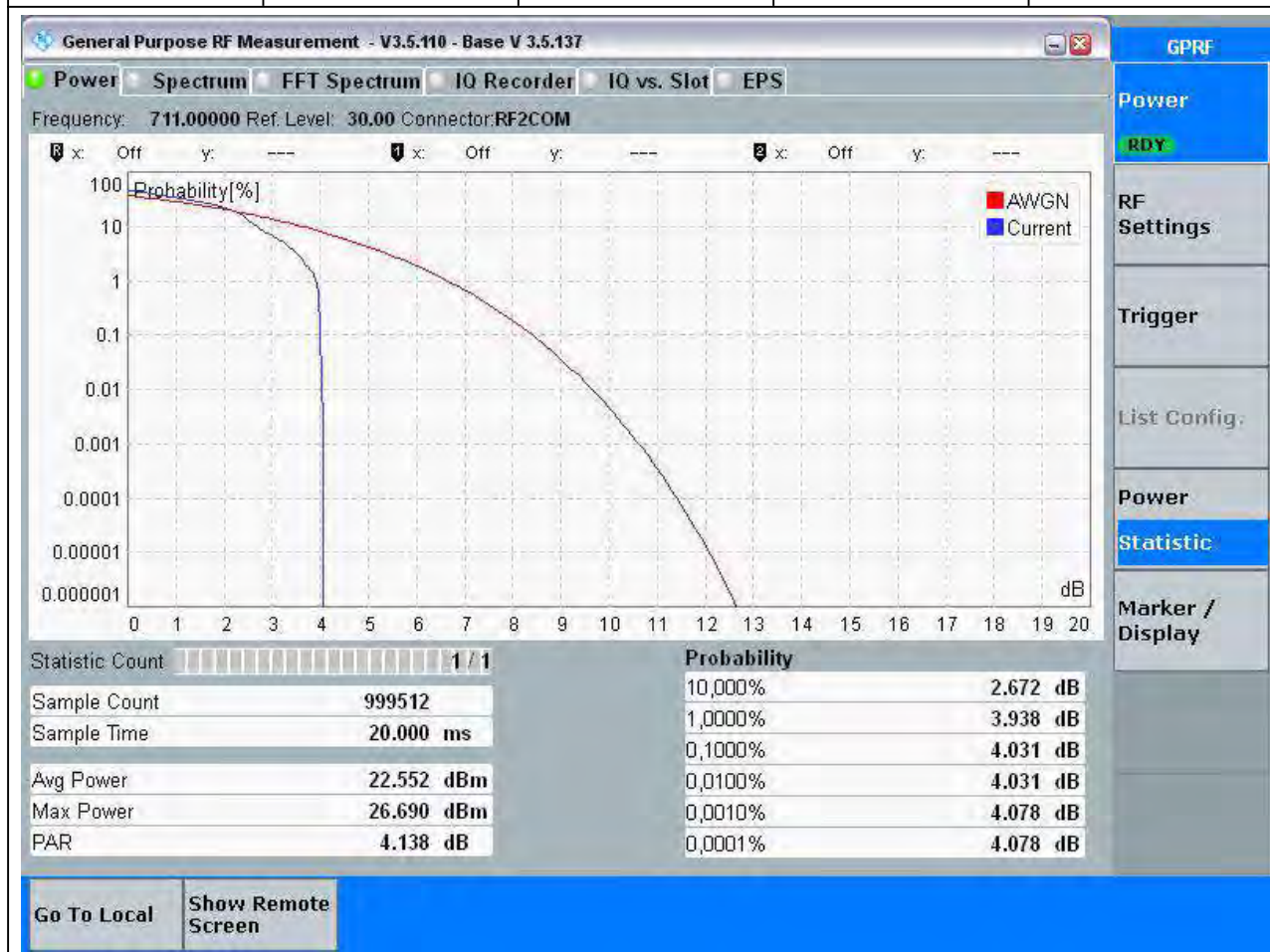
8.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.41	13	Pass



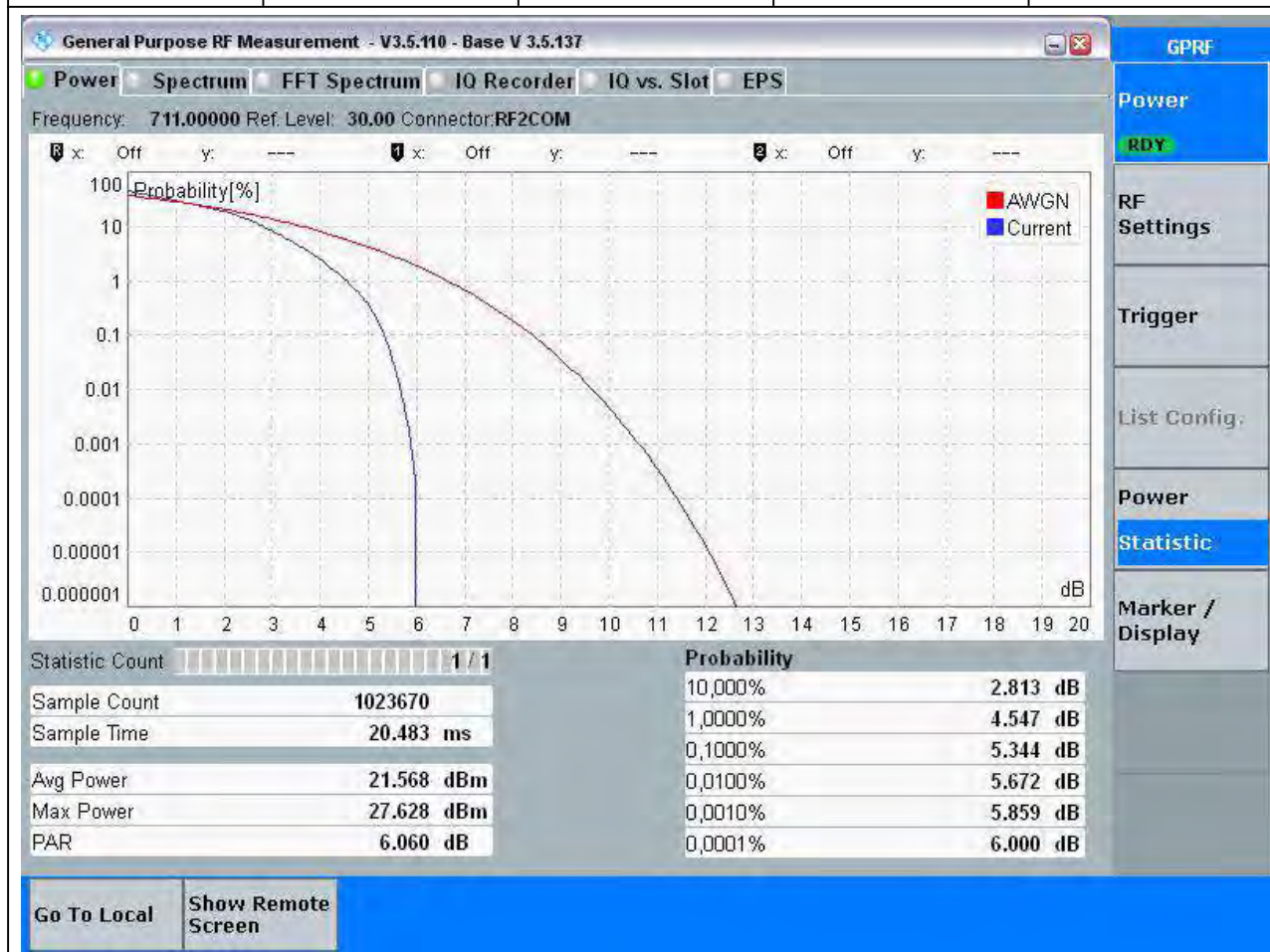
8.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	4.03	13	Pass



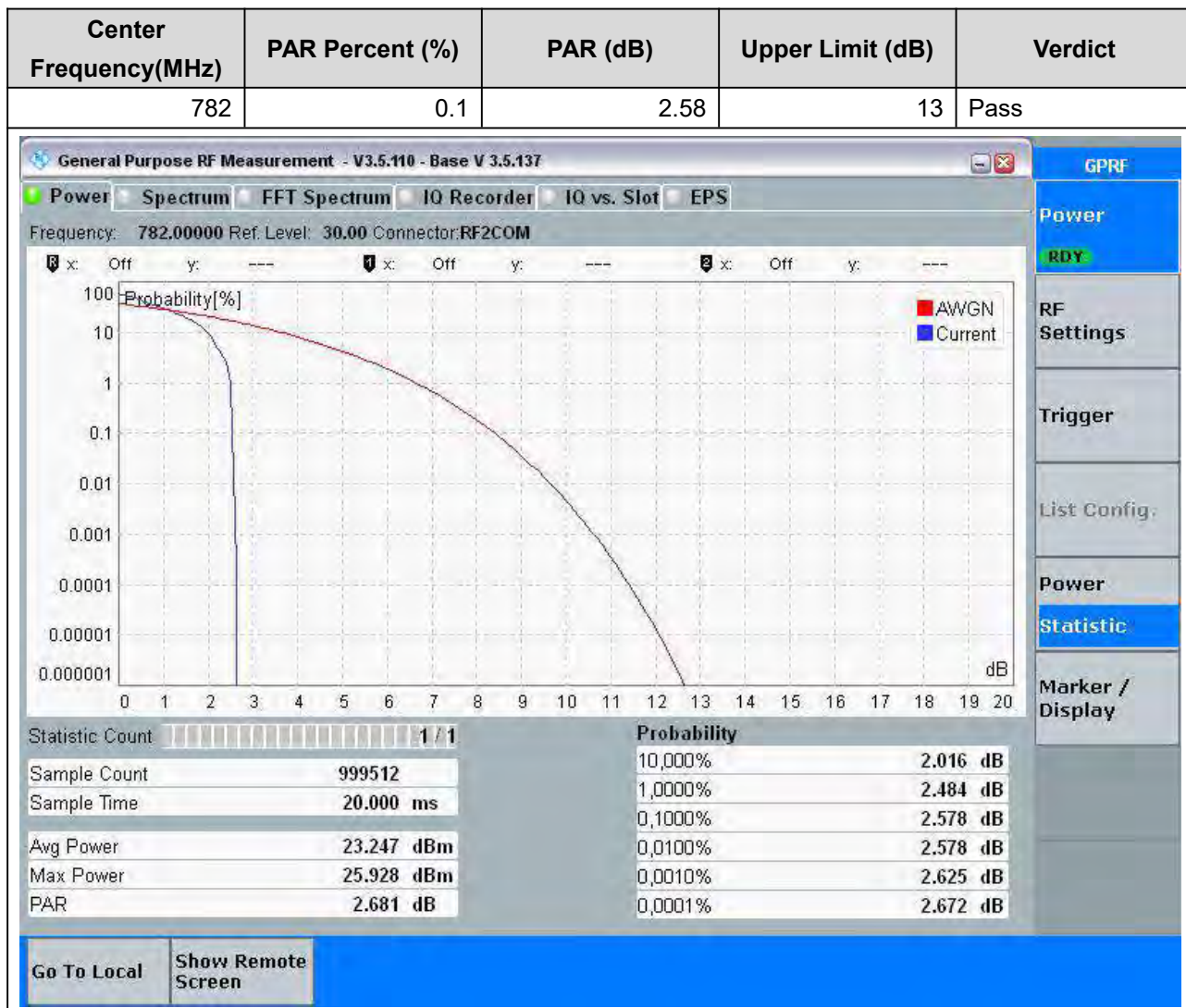
8.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.34	13	Pass



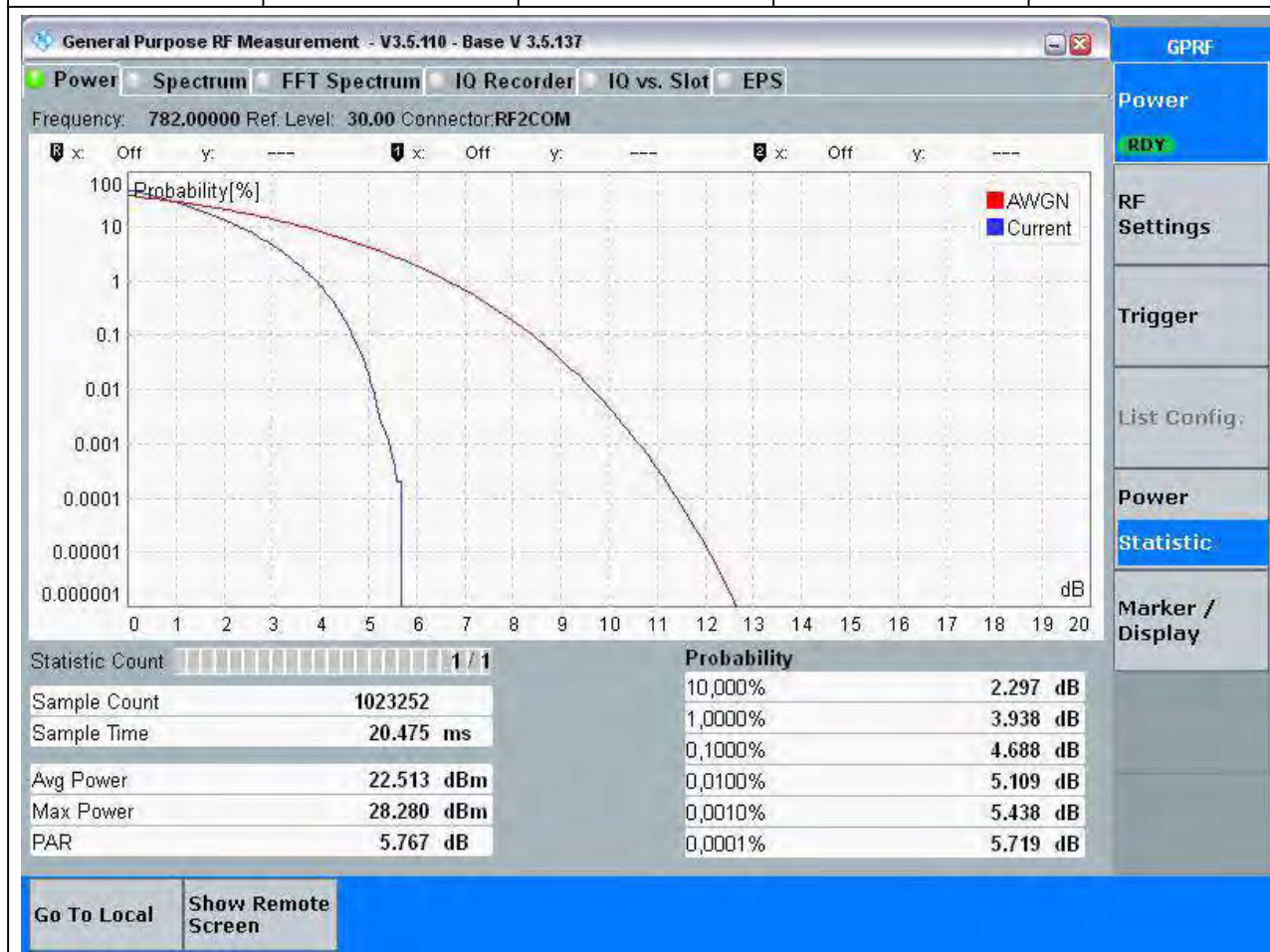
9. LTE_Band13

9.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



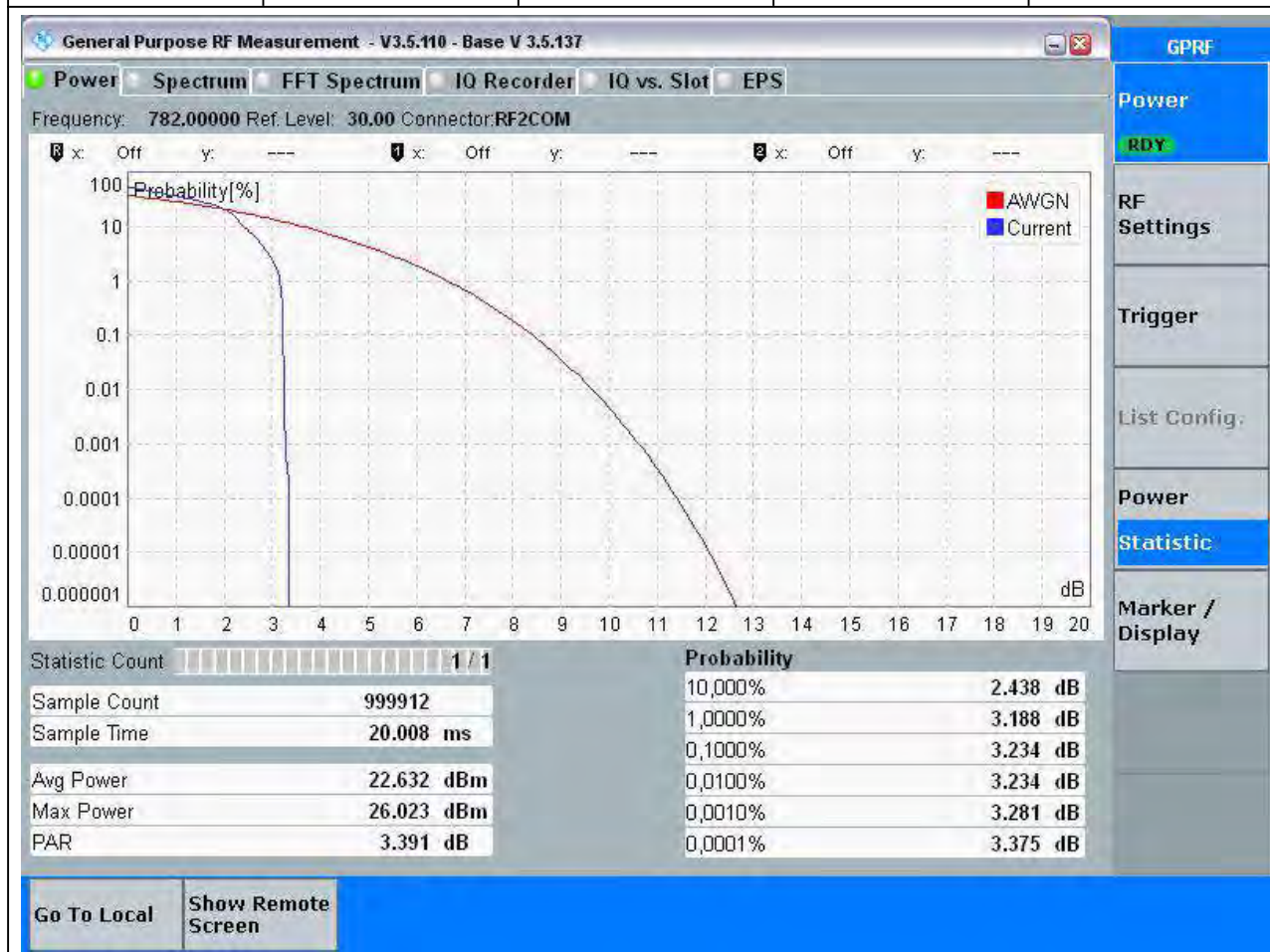
9.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	4.69	13	Pass



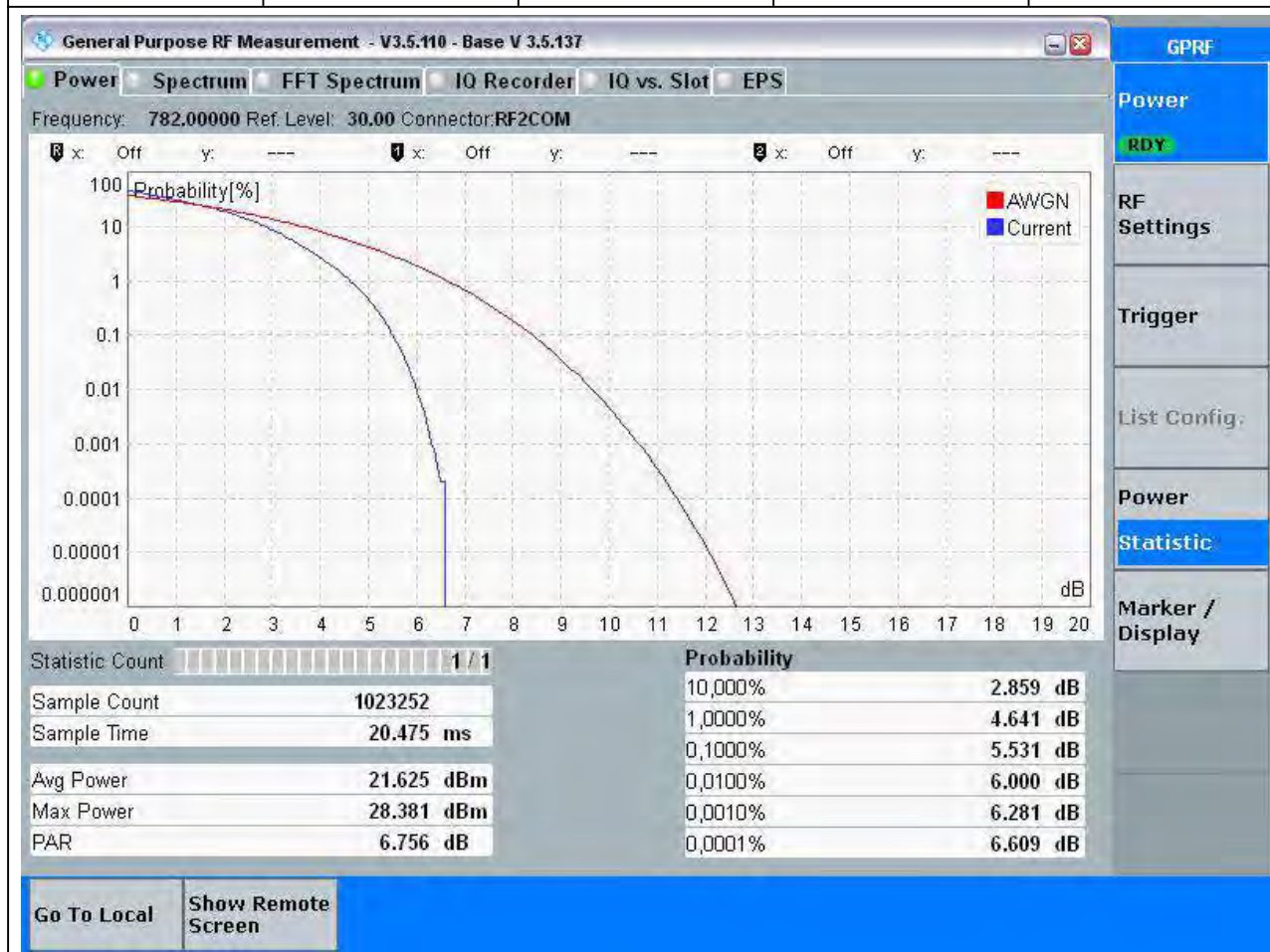
9.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	3.23	13	Pass



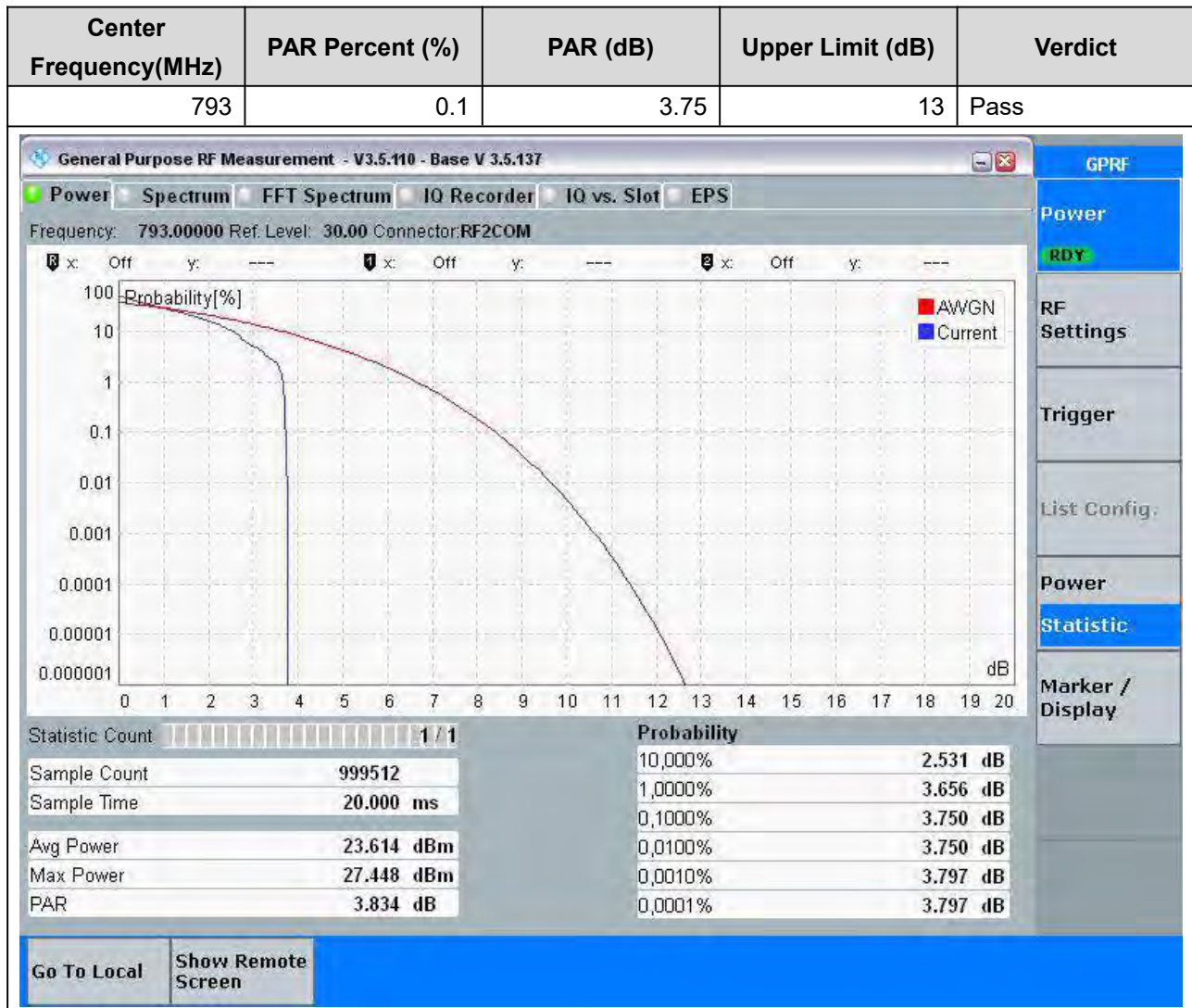
9.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
782	0.1	5.53	13	Pass



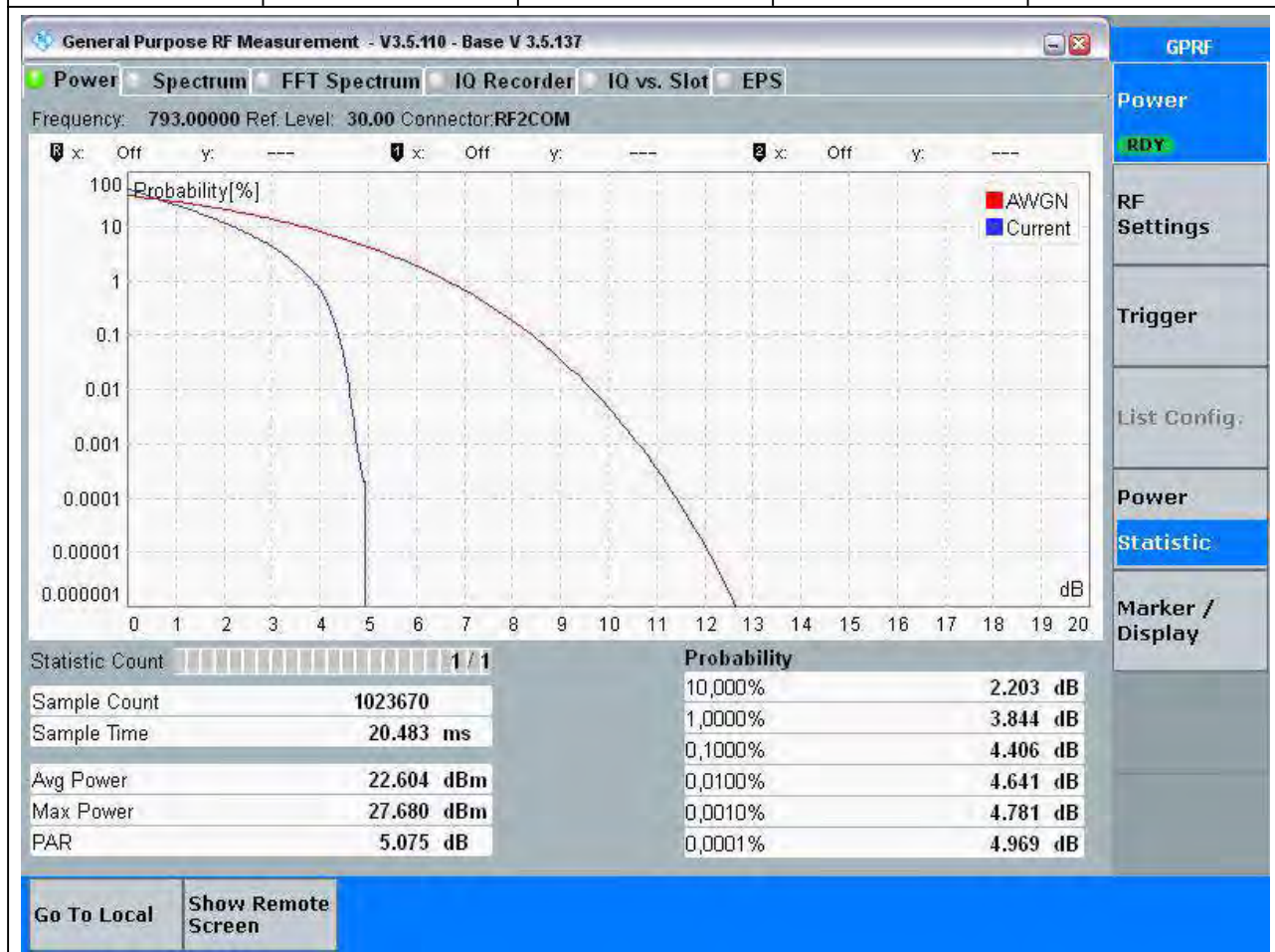
10. LTE_Band14

10.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:23330, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



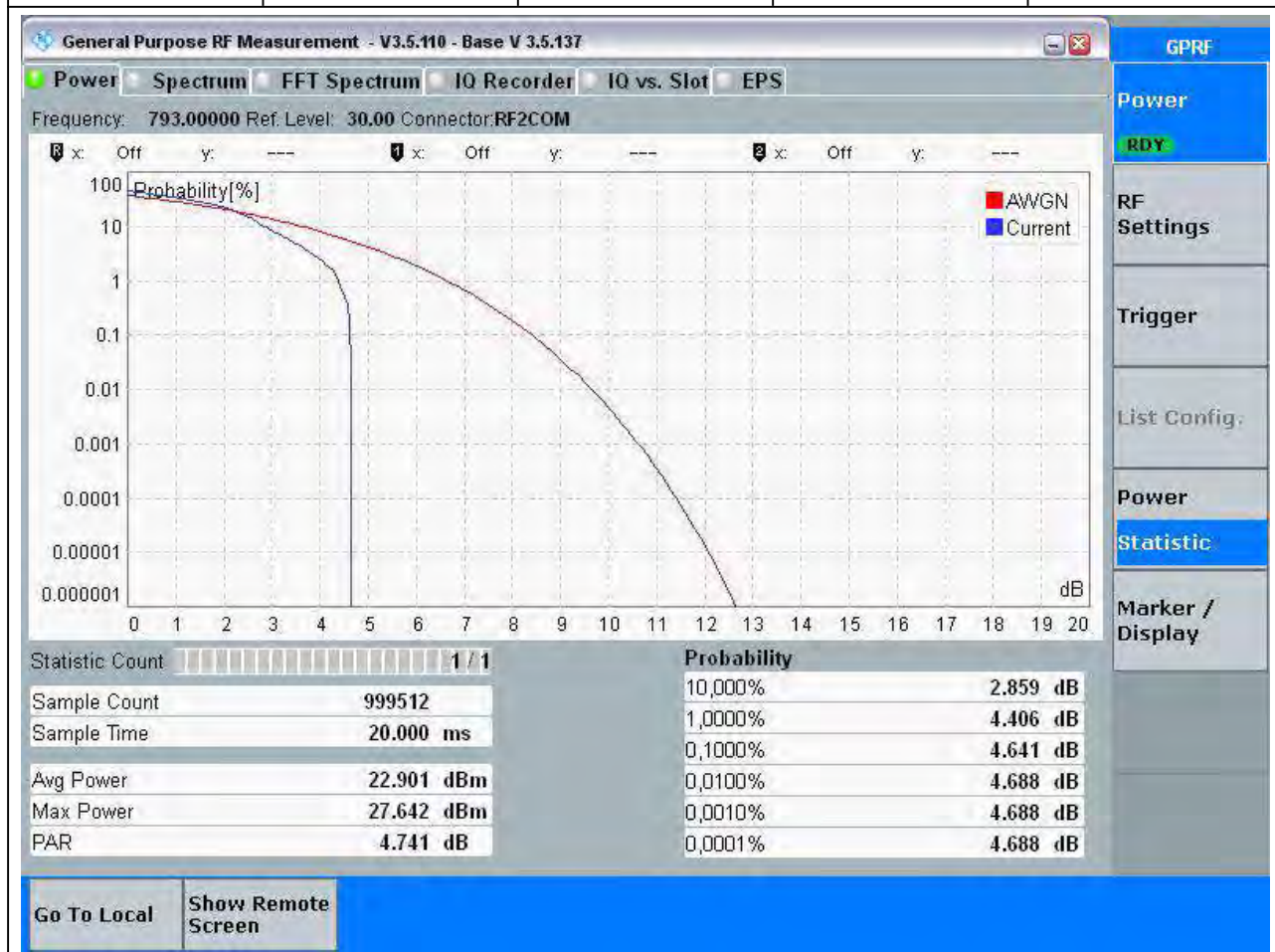
10.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:23330, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	4.41	13	Pass



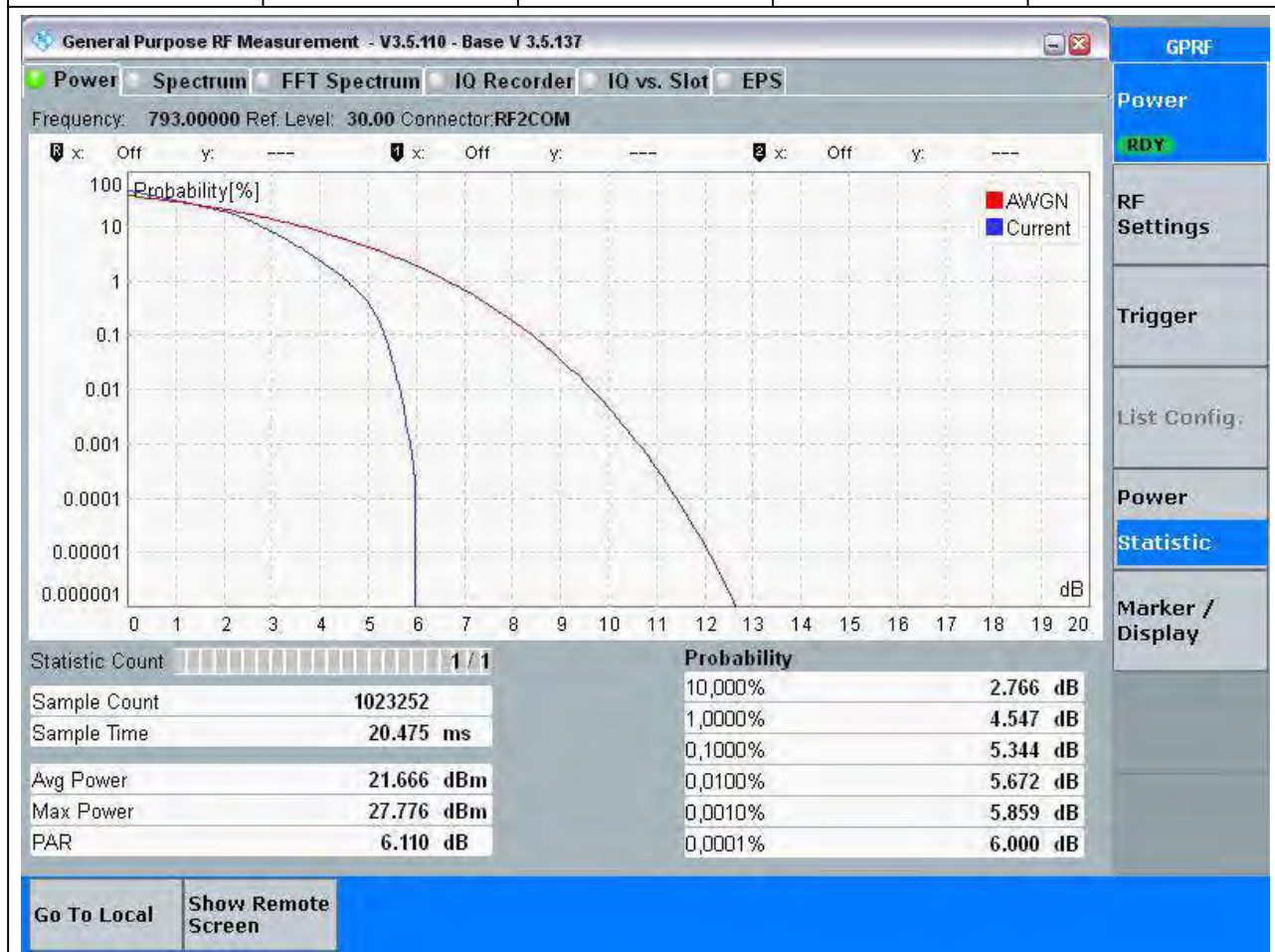
10.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:23330, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	4.64	13	Pass



10.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:23330, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

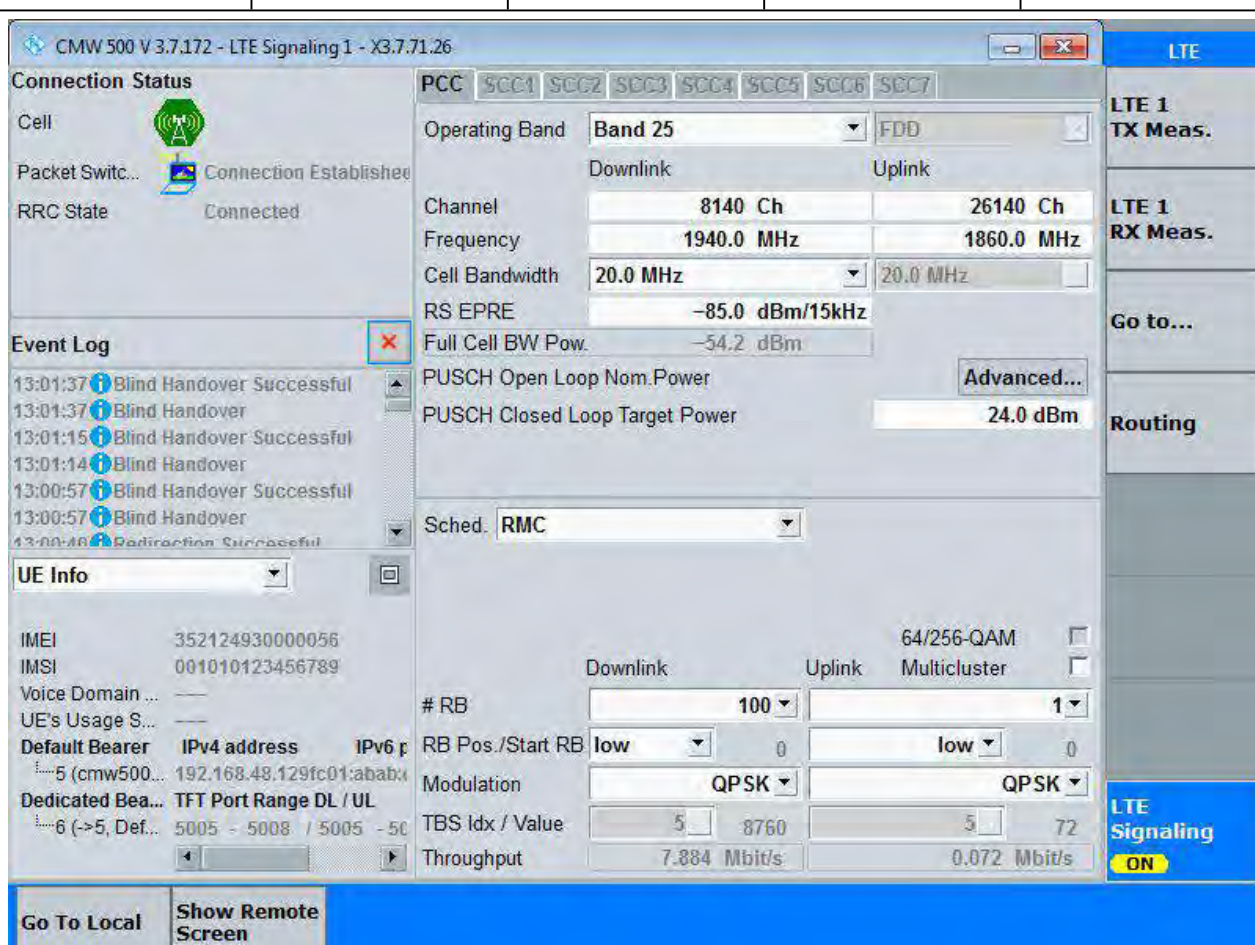
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
793	0.1	5.34	13	Pass



11. LTE_Band25

11.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:26140, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

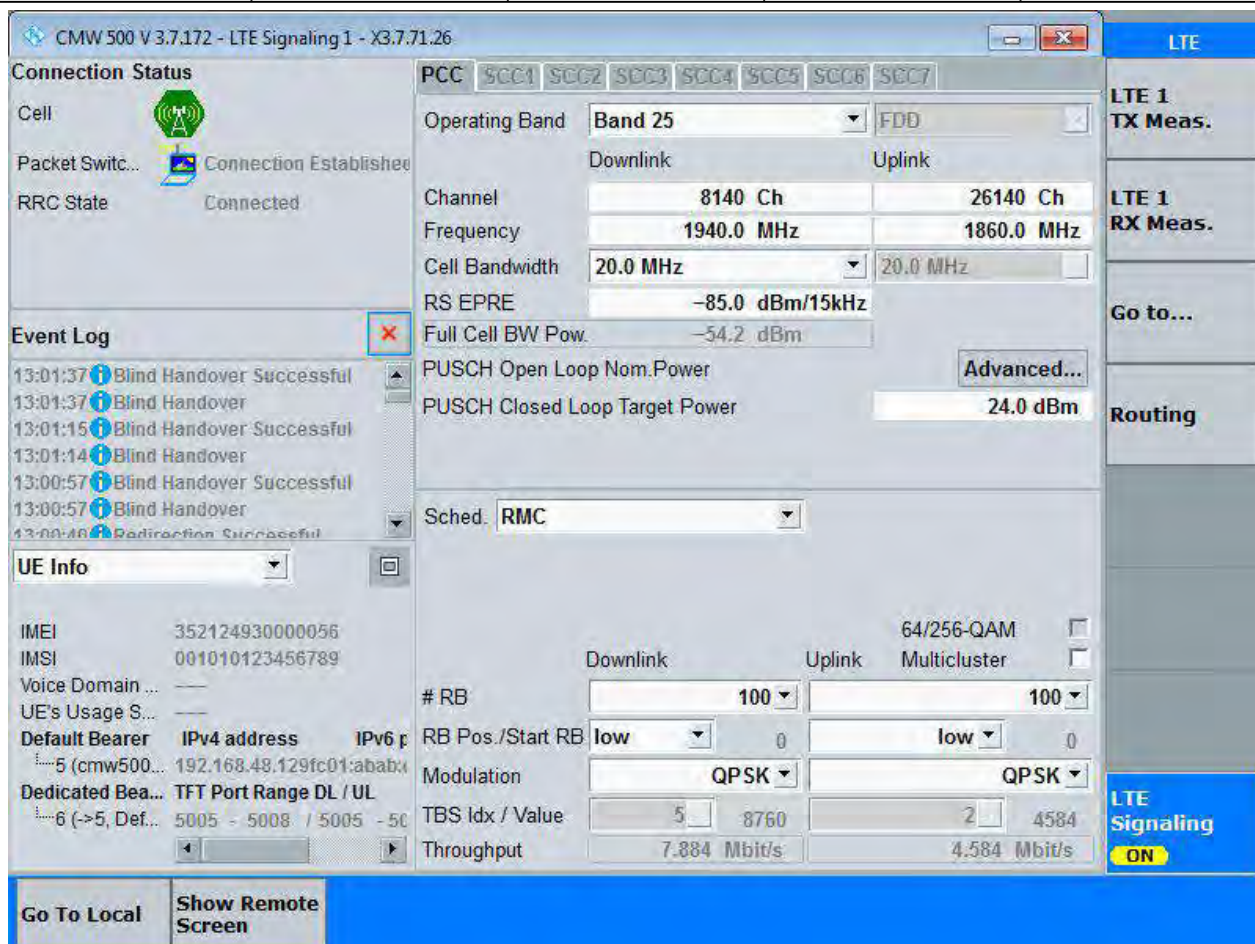
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	3.35	13	Pass



The screenshot displays the CMW 500 V3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window shows the LTE configuration for Band 25. The operating band is set to Band 25, and the channel is 26140 Ch. The frequency is 1860.0 MHz, and the cell bandwidth is 20.0 MHz. The RS EPRE is -85.0 dBm/15kHz, and the full cell BW power is -54.2 dBm. The PUSCH Open Loop Nom. Power is 24.0 dBm. The modulation is QPSK, and the throughput is 7.884 Mbit/s for the downlink and 0.072 Mbit/s for the uplink. The interface also shows the connection status (Connected), event log (Blind Handover Successful), and UE info (IMEI: 352124930000056, IMSI: 001010123456789).

11.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:26140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	4.5	13	Pass



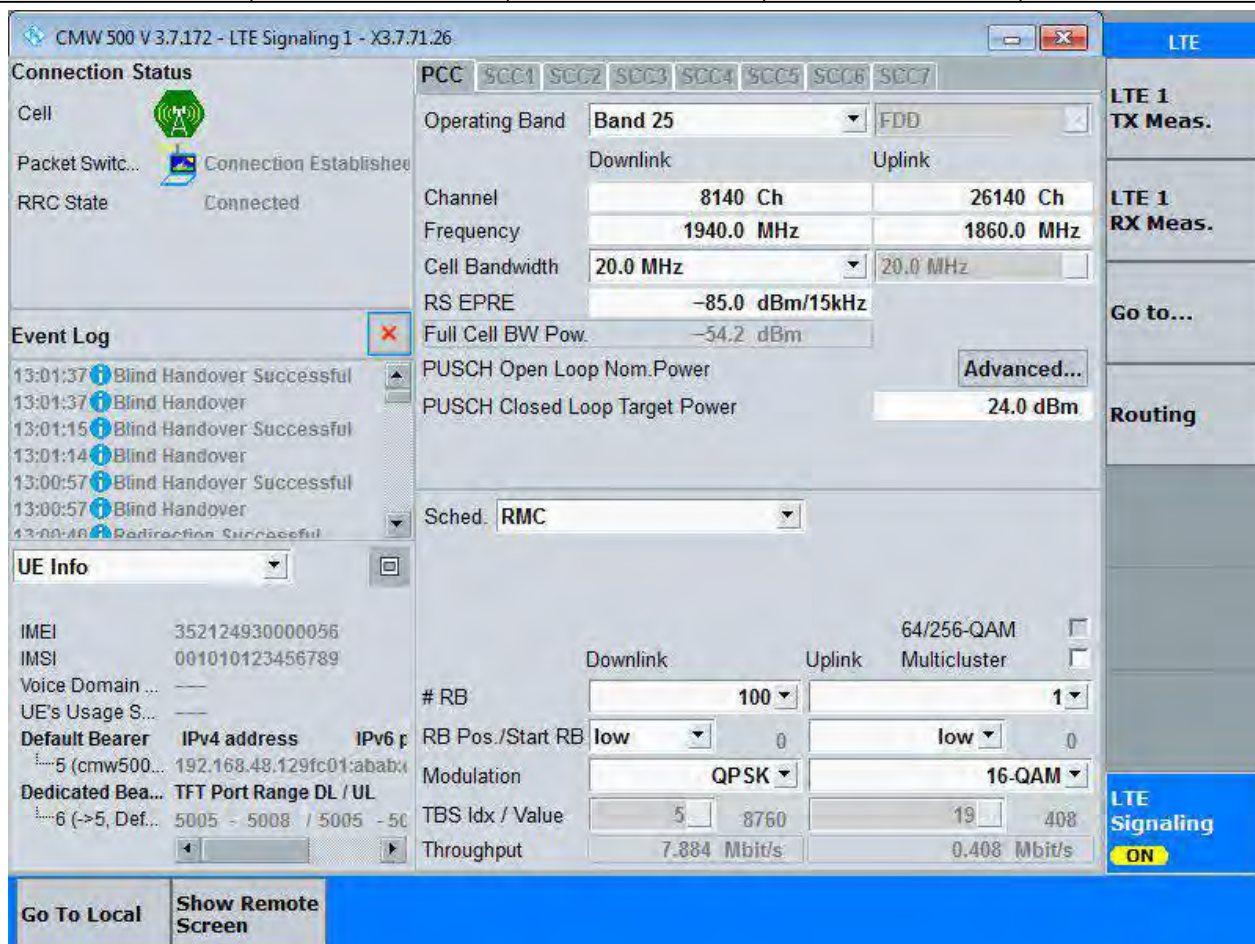
The screenshot displays the CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window shows the LTE configuration and status. The 'Connection Status' section indicates 'Connection Established' and 'RRC State: Connected'. The 'Event Log' shows several 'Blind Handover Successful' events. The 'UE Info' section displays IMEI, IMSI, and other details. The 'LTE' configuration section shows the following parameters:

- Operating Band: Band 25
- Channel: 8140 Ch (Downlink), 26140 Ch (Uplink)
- Frequency: 1940.0 MHz (Downlink), 1860.0 MHz (Uplink)
- Cell Bandwidth: 20.0 MHz (Downlink), 20.0 MHz (Uplink)
- RS EPRE: -85.0 dBm/15kHz
- Full Cell BW Pow.: -54.2 dBm
- PUSCH Open Loop Nom.Power: Advanced...
- PUSCH Closed Loop Target Power: 24.0 dBm
- Sched.: RMC
- # RB: 100 (Downlink), 100 (Uplink)
- RB Pos./Start RB: low (Downlink), low (Uplink)
- Modulation: QPSK (Downlink), QPSK (Uplink)
- TBS Idx / Value: 5 / 8760 (Downlink), 2 / 4584 (Uplink)
- Throughput: 7.884 Mbit/s (Downlink), 4.584 Mbit/s (Uplink)

The 'LTE Signaling' status is shown as 'ON'.

11.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:26140, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1860	0.1	4.29	13	Pass

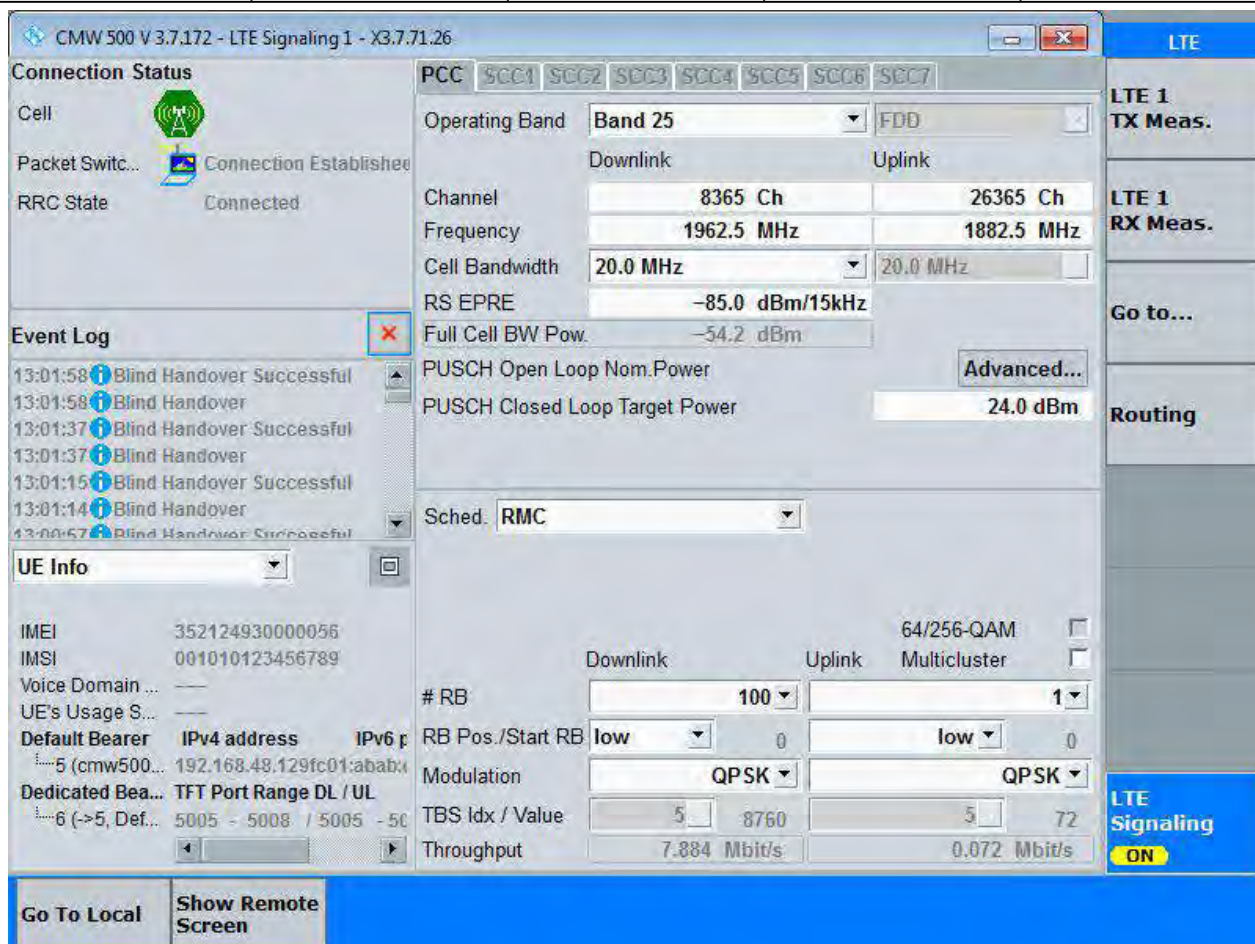


The screenshot displays the CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window is divided into several sections:

- Connection Status:** Shows 'Cell' as 'Connected' and 'RRC State' as 'Connected'.
- Event Log:** Lists several 'Blind Handover Successful' events with timestamps.
- UE Info:** Displays IMEI (352124930000056), IMSI (001010123456789), and other UE details.
- Configuration Parameters:**
 - Operating Band:** Band 25
 - Channel:** 8140 Ch (Downlink), 26140 Ch (Uplink)
 - Frequency:** 1940.0 MHz (Downlink), 1860.0 MHz (Uplink)
 - Cell Bandwidth:** 20.0 MHz
 - RS EPRE:** -85.0 dBm/15kHz
 - Full Cell BW Pow.:** -54.2 dBm
 - PUSCH Open Loop Nom.Power:** Advanced...
 - PUSCH Closed Loop Target Power:** 24.0 dBm
 - Sched.:** RMC
 - # RB:** 100
 - RB Pos./Start RB:** low, 0
 - Modulation:** QPSK
 - TBS Idx / Value:** 5, 8760
 - Throughput:** 7.884 Mbit/s
- Routing:** Shows 'LTE 1 TX Meas.', 'LTE 1 RX Meas.', 'Go to...', and 'Routing' options.
- Bottom Bar:** Includes 'Go To Local' and 'Show Remote Screen' buttons.

11.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:26365, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1882.5	0.1	3.11	13	Pass



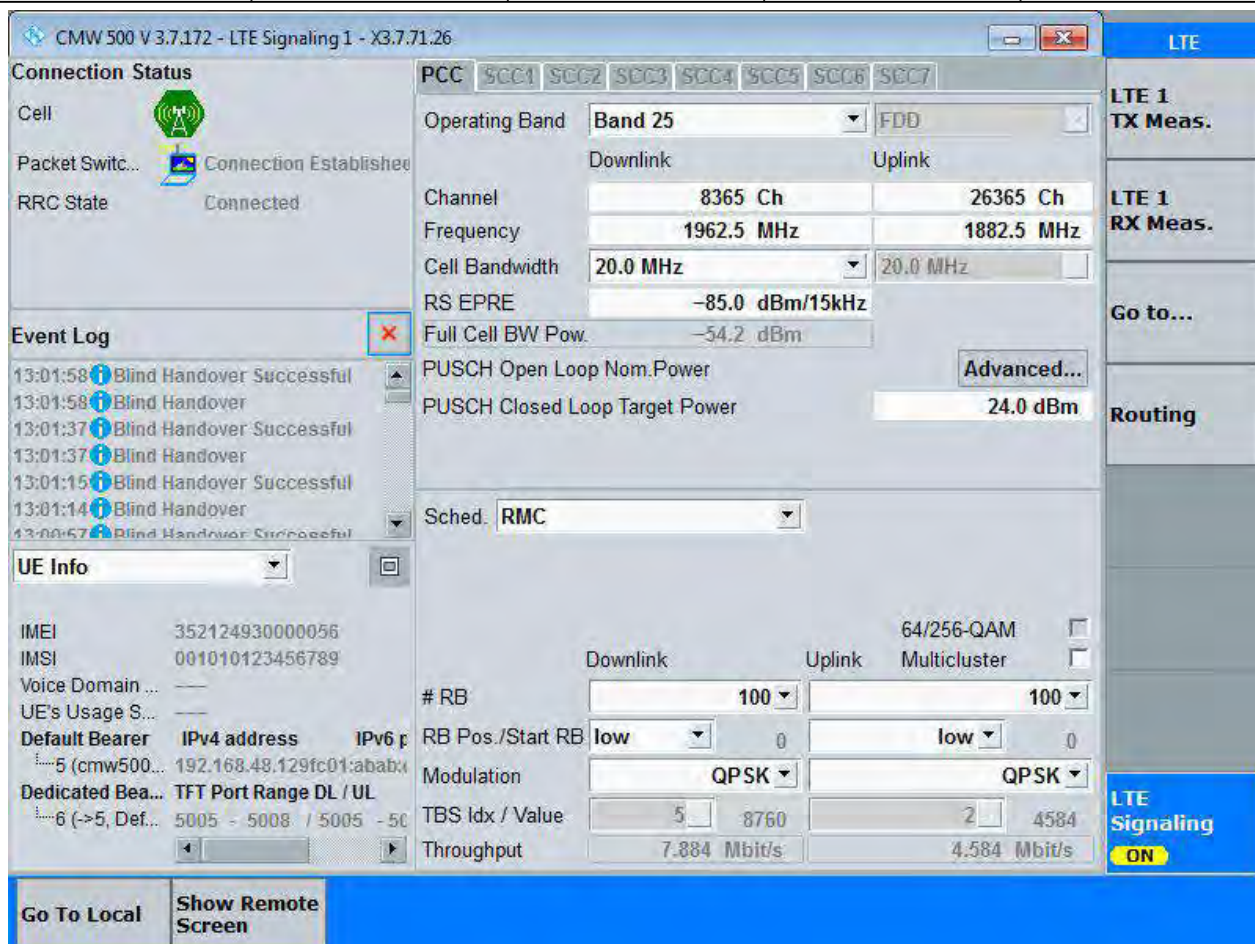
The screenshot displays the CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window shows the LTE configuration and measurement results. The configuration includes:

- Operating Band:** Band 25
- Channel:** 8365 Ch (Downlink), 26365 Ch (Uplink)
- Frequency:** 1962.5 MHz (Downlink), 1882.5 MHz (Uplink)
- Cell Bandwidth:** 20.0 MHz (Downlink), 20.0 MHz (Uplink)
- RS EPRE:** -85.0 dBm/15kHz
- Full Cell BW Pow.:** -54.2 dBm
- PUSCH Open Loop Nom.Power:** Advanced...
- PUSCH Closed Loop Target Power:** 24.0 dBm
- Sched.:** RMC
- # RB:** 100 (Downlink), 1 (Uplink)
- RB Pos./Start RB:** low (Downlink), low (Uplink)
- Modulation:** QPSK (Downlink), QPSK (Uplink)
- TBS Idx / Value:** 5 (Downlink), 8760 (Uplink)
- Throughput:** 7.884 Mbit/s (Downlink), 0.072 Mbit/s (Uplink)

The Event Log shows several "Blind Handover Successful" events. The UE Info section displays the IMEI (352124930000056) and IMSI (001010123456789). The Default Bearer is IPv4 address 192.168.48.129fc01:ababx. The Dedicated Bearer is TFT Port Range DL / UL 5005 - 5008 / 5005 - 5008. The LTE Signaling is ON.

11.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:26365, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1882.5	0.1	4.48	13	Pass



The screenshot displays the CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window shows the LTE configuration and status. The 'Connection Status' section indicates 'Connection Established' and 'RRC State: Connected'. The 'Event Log' shows several 'Blind Handover Successful' events. The 'UE Info' section displays IMEI, IMSI, and other details. The 'LTE' configuration section shows the following parameters:

- Operating Band: Band 25
- Channel: 8365 Ch (Downlink), 26365 Ch (Uplink)
- Frequency: 1962.5 MHz (Downlink), 1882.5 MHz (Uplink)
- Cell Bandwidth: 20.0 MHz (Downlink), 20.0 MHz (Uplink)
- RS EPRE: -85.0 dBm/15kHz
- Full Cell BW Pow.: -54.2 dBm
- PUSCH Open Loop Nom.Power: Advanced...
- PUSCH Closed Loop Target Power: 24.0 dBm
- Sched.: RMC
- # RB: 100 (Downlink), 100 (Uplink)
- RB Pos./Start RB: low (Downlink), low (Uplink)
- Modulation: QPSK (Downlink), QPSK (Uplink)
- TBS Idx / Value: 5 / 8760 (Downlink), 2 / 4584 (Uplink)
- Throughput: 7.884 Mbit/s (Downlink), 4.584 Mbit/s (Uplink)

The 'LTE Signaling' status is shown as 'ON'.

11.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:26590, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1905	0.1	3.26	13	Pass

CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26

Connection Status

Cell:  Connection Established

Packet Switc...:  Connection Established

RRC State: Connected

Event Log

- 13:02:21 Blind Handover Successful
- 13:02:21 Blind Handover
- 13:01:58 Blind Handover Successful
- 13:01:58 Blind Handover
- 13:01:37 Blind Handover Successful
- 13:01:37 Blind Handover
- 13:01:15 Blind Handover Successful

UE Info

IMEI: 352124930000056

IMSI: 001010123456789

Voice Domain ...: —

UE's Usage S...: —

Default Bearer: IPv4 address 192.168.48.129fc01:ababx

Dedicated Bea...: TFT Port Range DL / UL

6 (->5, Def...: 5005 - 5008 / 5005 - 50

PCC SCC1 SCC2 SCC3 SCC4 SCC5 SCC6 SCC7

Operating Band: Band 25 FDD

Downlink: Channel 8590 Ch, Frequency 1985.0 MHz, Cell Bandwidth 20.0 MHz, RS EPRE -85.0 dBm/15kHz, Full Cell BW Pow. -54.2 dBm

Uplink: Channel 26590 Ch, Frequency 1905.0 MHz, Cell Bandwidth 20.0 MHz, RS EPRE -85.0 dBm/15kHz, Full Cell BW Pow. -54.2 dBm

PUSCH Open Loop Nom.Power: Advanced...

PUSCH Closed Loop Target Power: 24.0 dBm

Sched. RMC

RB: 100

RB Pos./Start RB: low 0

Modulation: QPSK

TBS Idx / Value: 5 8760

Throughput: 7.884 Mbit/s

64/256-QAM: ☐

Multiclus...: ☐

low 0

QPSK

5 72

0.072 Mbit/s

LTE

LTE 1 TX Meas.

LTE 1 RX Meas.

Go to...

Routing

LTE Signaling ON

11.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:26590, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1905	0.1	4.12	13	Pass

CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26

Connection Status

Cell:  Connection Established

Packet Switc...:  Connection Established

RRC State: Connected

Event Log

- 13:02:21 Blind Handover Successful
- 13:02:21 Blind Handover
- 13:01:58 Blind Handover Successful
- 13:01:58 Blind Handover
- 13:01:37 Blind Handover Successful
- 13:01:37 Blind Handover
- 13:01:15 Blind Handover Successful

UE Info

IMEI: 352124930000056

IMSI: 001010123456789

Voice Domain ...

UE's Usage S...

Default Bearer IPv4 address IPv6 p

5 (cmw500... 192.168.48.129fc01:ababx

Dedicated Bea... TFT Port Range DL / UL

6 (->5, Def... 5005 - 5008 / 5005 - 50

PCC SCC1 SCC2 SCC3 SCC4 SCC5 SCC6 SCC7

Operating Band: Band 25 FDD

Downlink: Channel 8590 Ch Frequency 1985.0 MHz Cell Bandwidth 20.0 MHz RS EPRE -85.0 dBm/15kHz Full Cell BW Pow. -54.2 dBm

Uplink: Channel 26590 Ch Frequency 1905.0 MHz Cell Bandwidth 20.0 MHz

PUSCH Open Loop Nom.Power Advanced...

PUSCH Closed Loop Target Power 24.0 dBm

Sched. RMC

RB: Downlink 100 Uplink 1

RB Pos./Start RB: Downlink low 0 Uplink low 0

Modulation: Downlink QPSK Uplink 16-QAM

TBS Idx / Value: Downlink 5 8760 Uplink 19 408

Throughput: Downlink 7.884 Mbit/s Uplink 0.408 Mbit/s

LTE

LTE 1 TX Meas.

LTE 1 RX Meas.

Go to...

Routing

LTE Signaling ON

11.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:26590, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1905	0.1	5.51	13	Pass

CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26

Connection Status

Cell:  Connection Established

Packet Switc...:  Connection Established

RRC State: Connected

Event Log

- 13:02:21 Blind Handover Successful
- 13:02:21 Blind Handover
- 13:01:58 Blind Handover Successful
- 13:01:58 Blind Handover
- 13:01:37 Blind Handover Successful
- 13:01:37 Blind Handover
- 13:01:15 Blind Handover Successful

UE Info

IMEI: 352124930000056

IMSI: 001010123456789

Voice Domain ...

UE's Usage S...

Default Bearer: IPv4 address 192.168.48.129fc01:ababx

Dedicated Bea...: TFT Port Range DL / UL

6 (->5, Def...: 5005 - 5008 / 5005 - 50

PCC SCC1 SCC2 SCC3 SCC4 SCC5 SCC6 SCC7

Operating Band: Band 25 FDD

Downlink: Channel 8590 Ch, Frequency 1985.0 MHz, Cell Bandwidth 20.0 MHz, RS EPRE -85.0 dBm/15kHz, Full Cell BW Pow. -54.2 dBm

Uplink: Channel 26590 Ch, Frequency 1905.0 MHz, Cell Bandwidth 20.0 MHz, RS EPRE -85.0 dBm/15kHz, Full Cell BW Pow. -54.2 dBm

PUSCH Open Loop Nom.Power: Advanced...

PUSCH Closed Loop Target Power: 24.0 dBm

Sched. RMC

RB: 100

RB Pos./Start RB: low 0

Modulation: QPSK

TBS Idx / Value: 5 8760

Throughput: 7.884 Mbit/s

64/256-QAM: ☐

Multiclus...: ☐

Uplink: 100

low 0

16-QAM

11 19848

19.848 Mbit/s

LTE

LTE 1 TX Meas.

LTE 1 RX Meas.

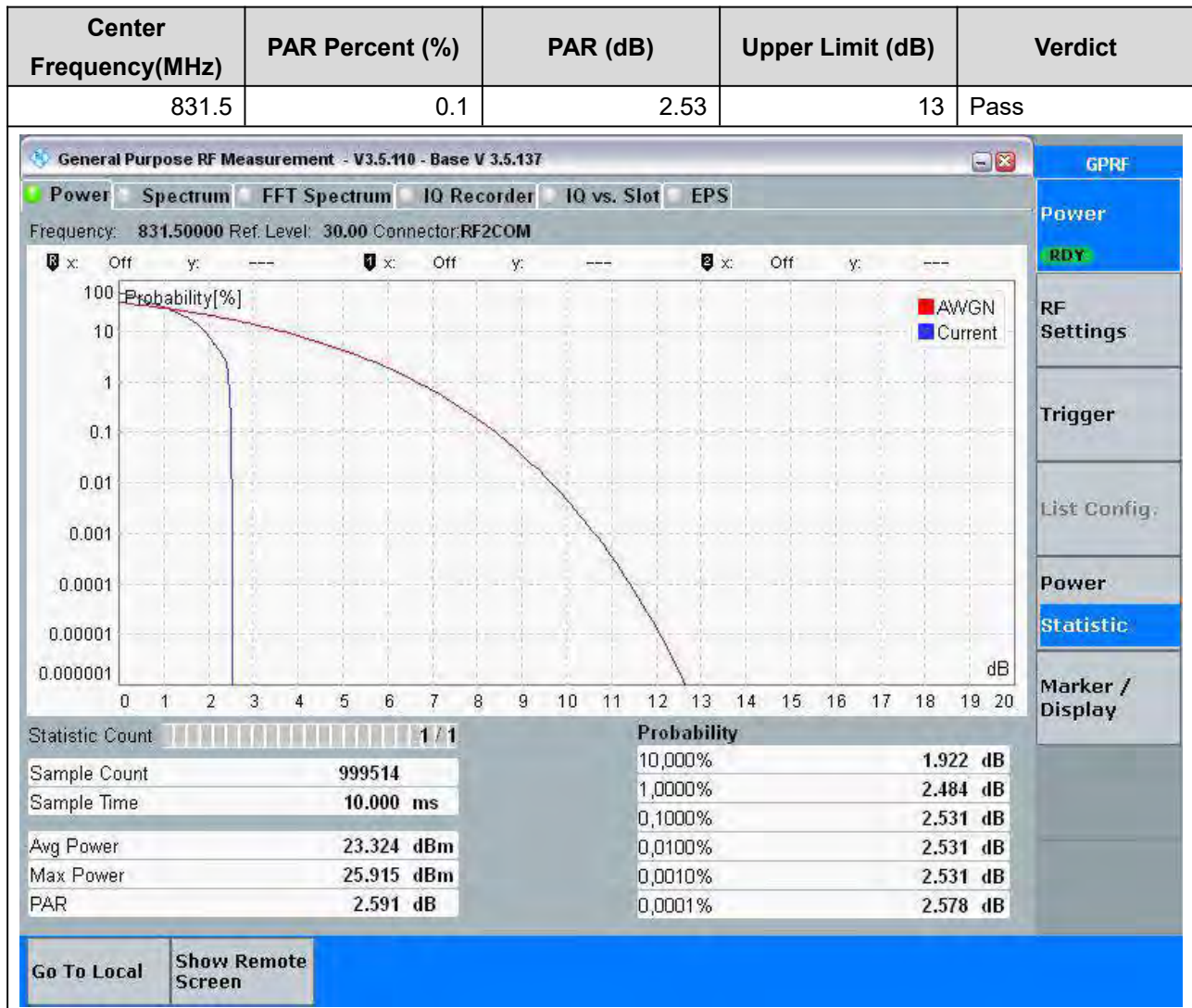
Go to...

Routing

LTE Signaling ON

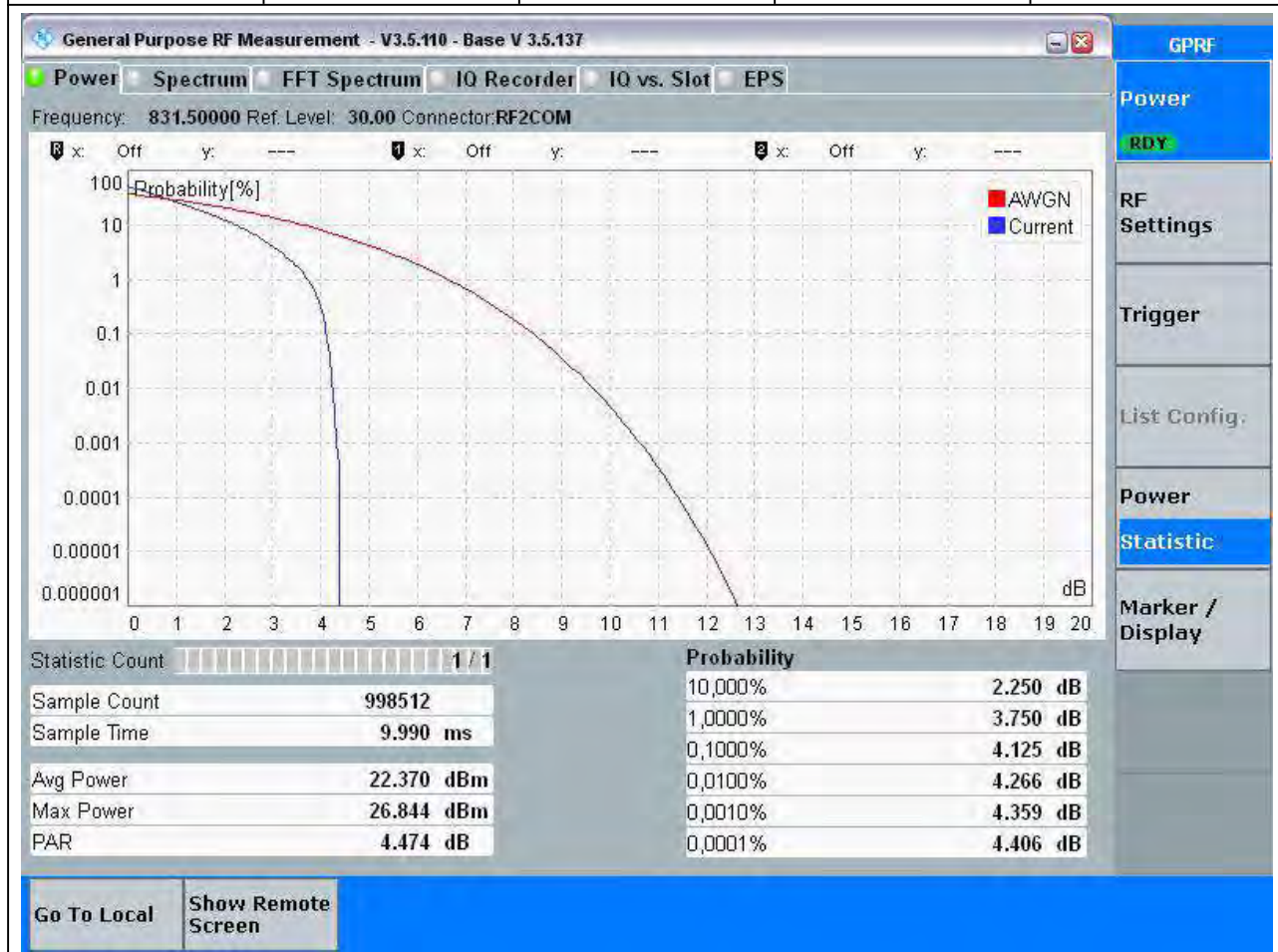
12. LTE_Band26(part22)

12.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



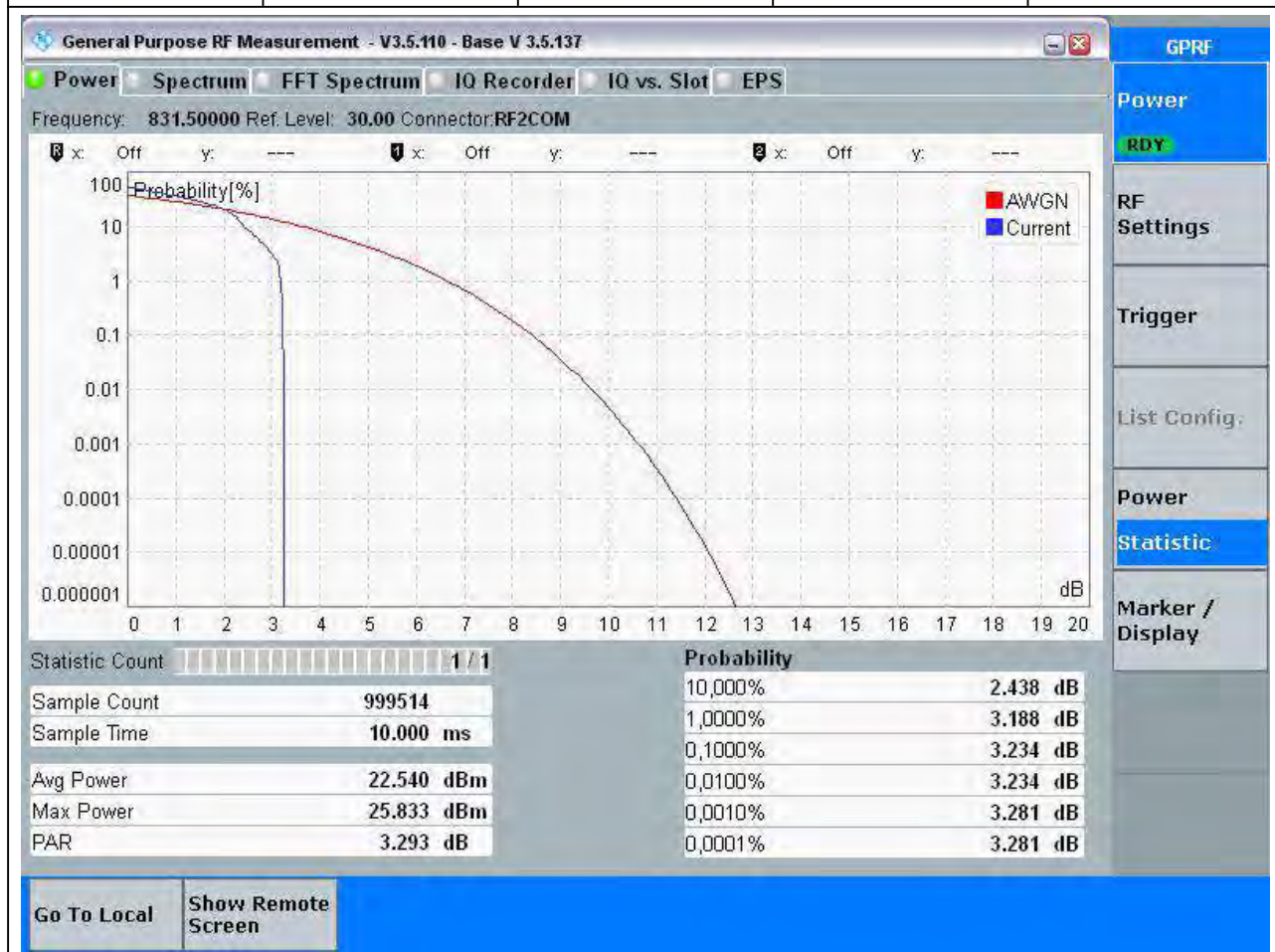
12.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
831.5	0.1	4.12	13	Pass



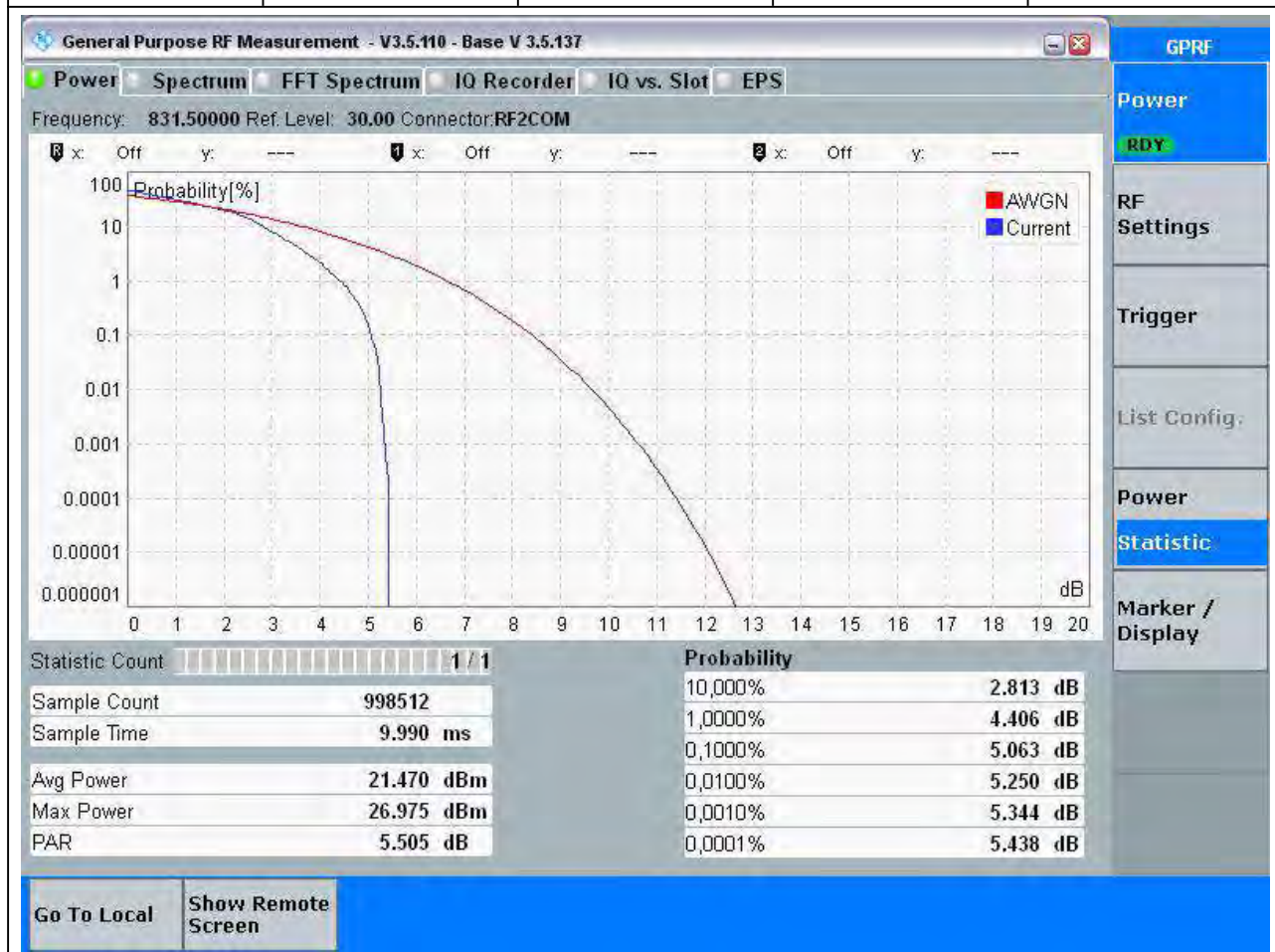
12.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
831.5	0.1	3.23	13	Pass



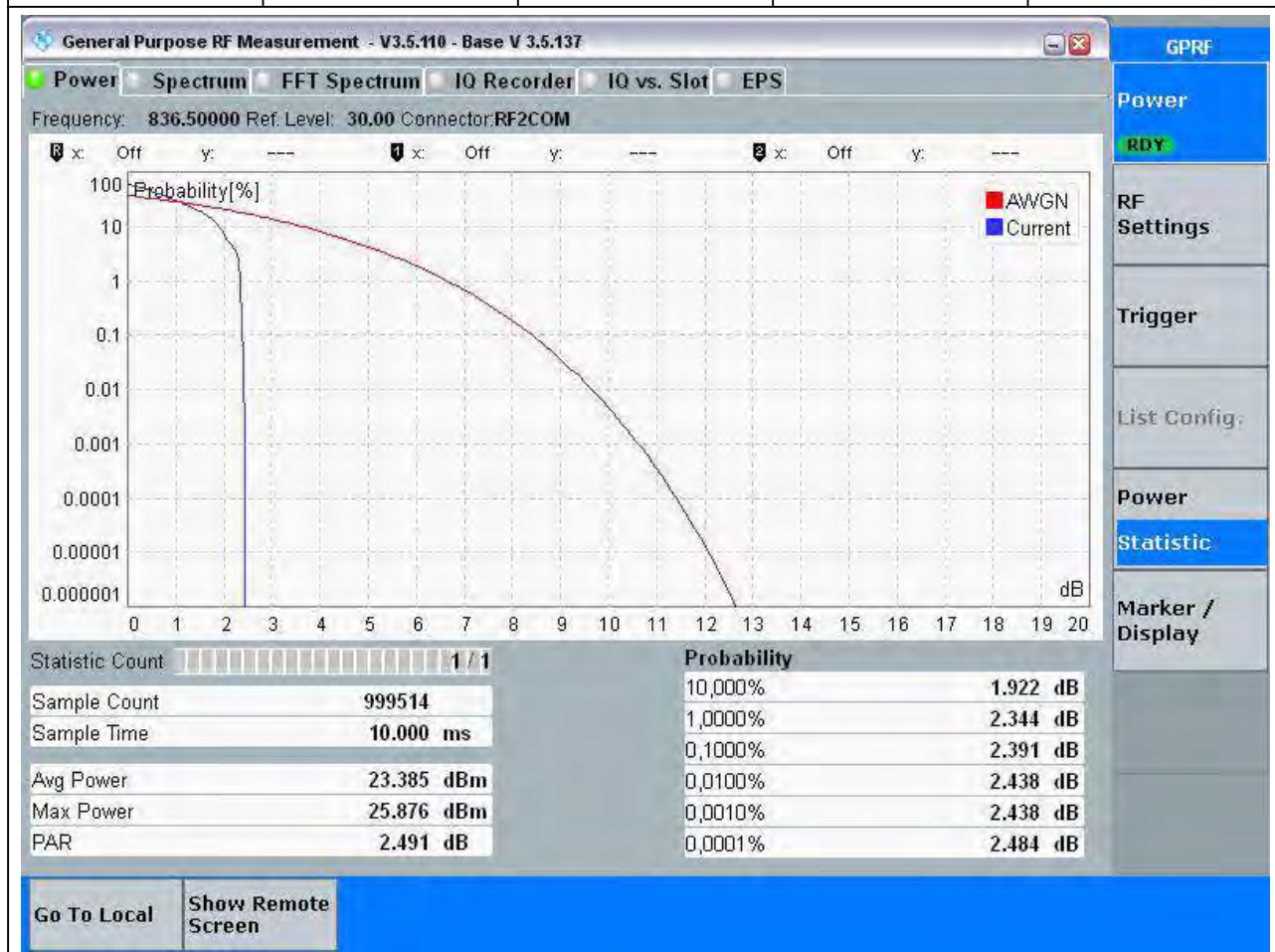
12.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
831.5	0.1	5.06	13	Pass



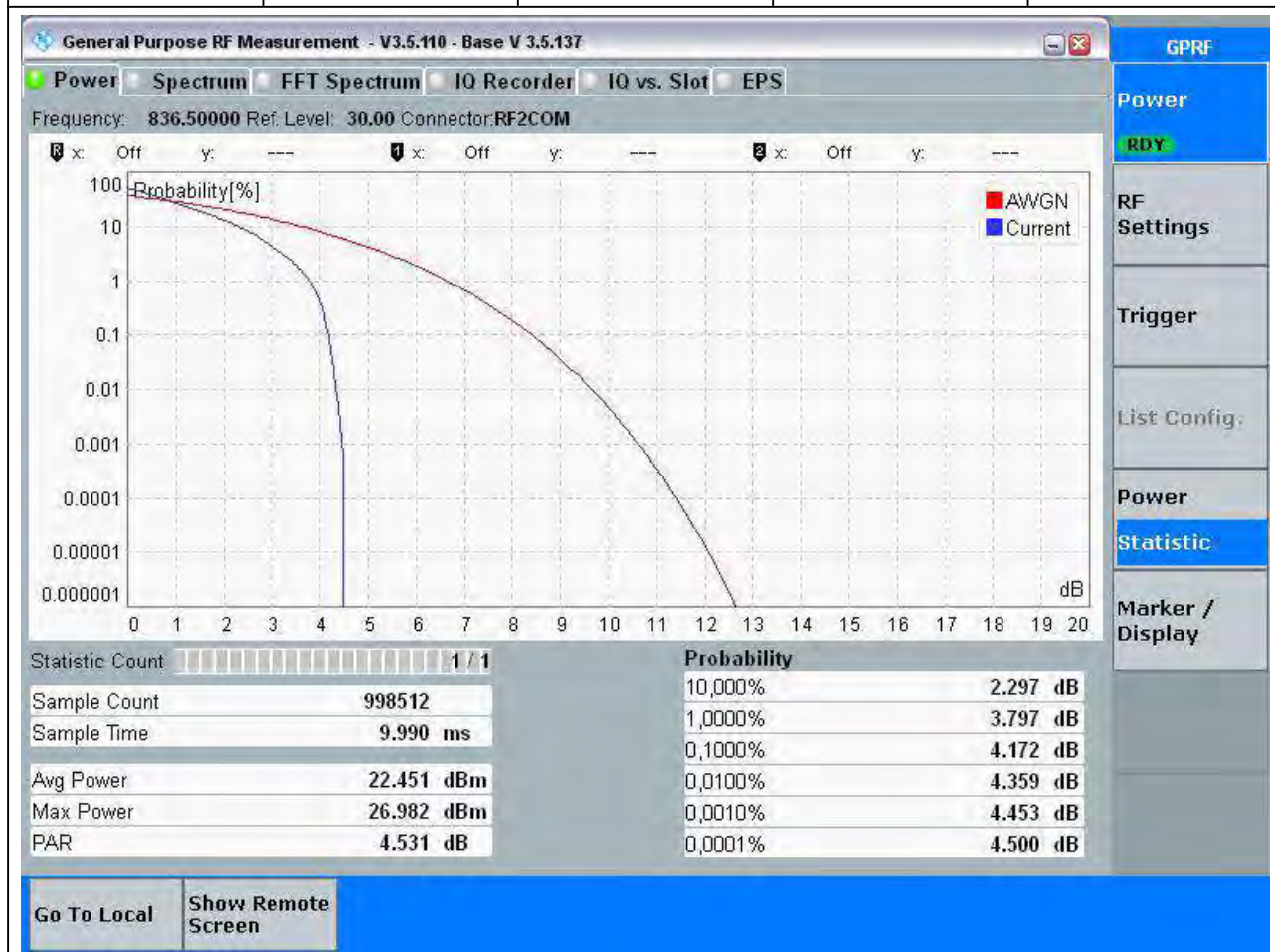
12.5 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:5, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	2.39	13	Pass



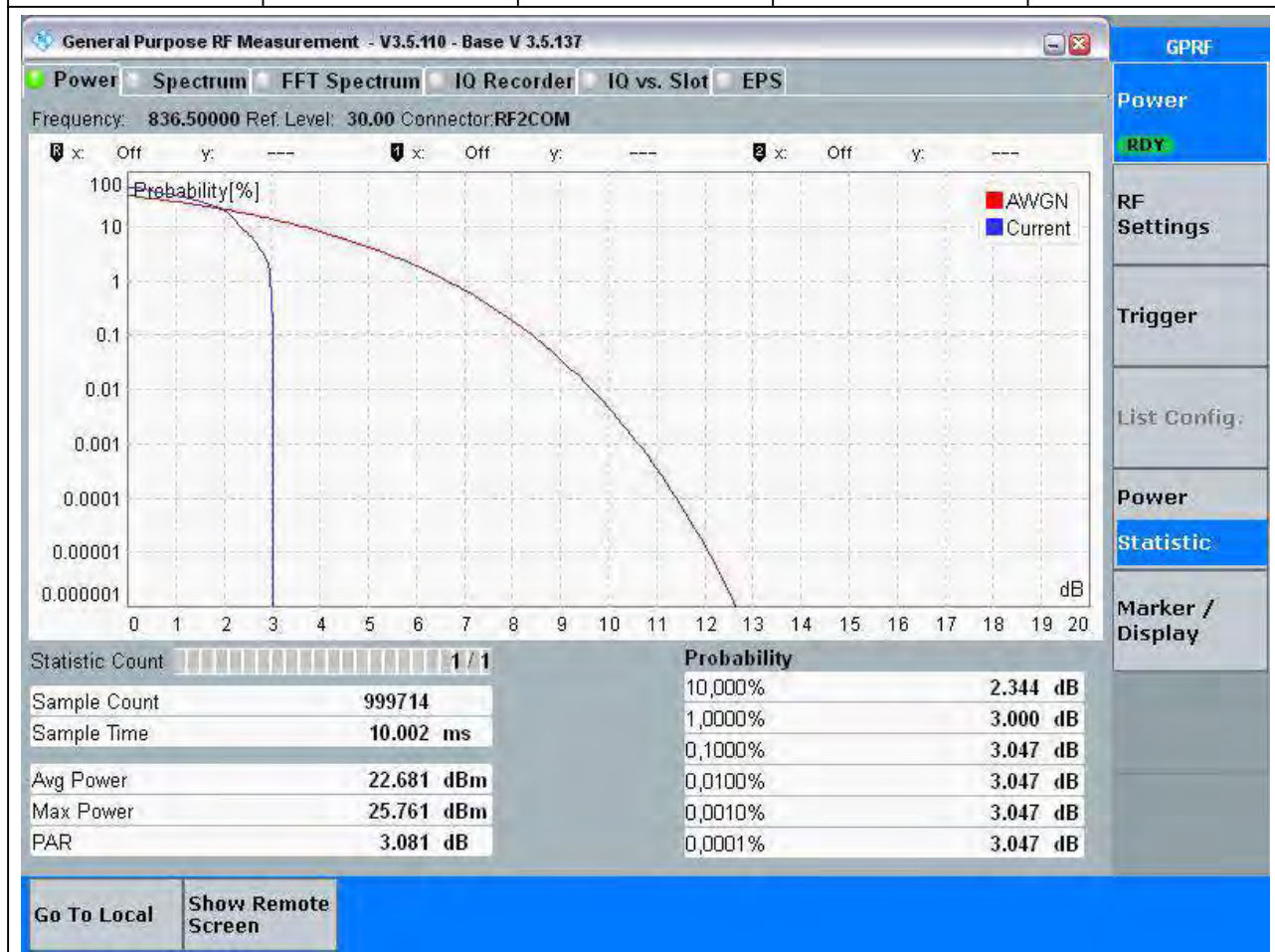
12.6 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:6, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	4.17	13	Pass



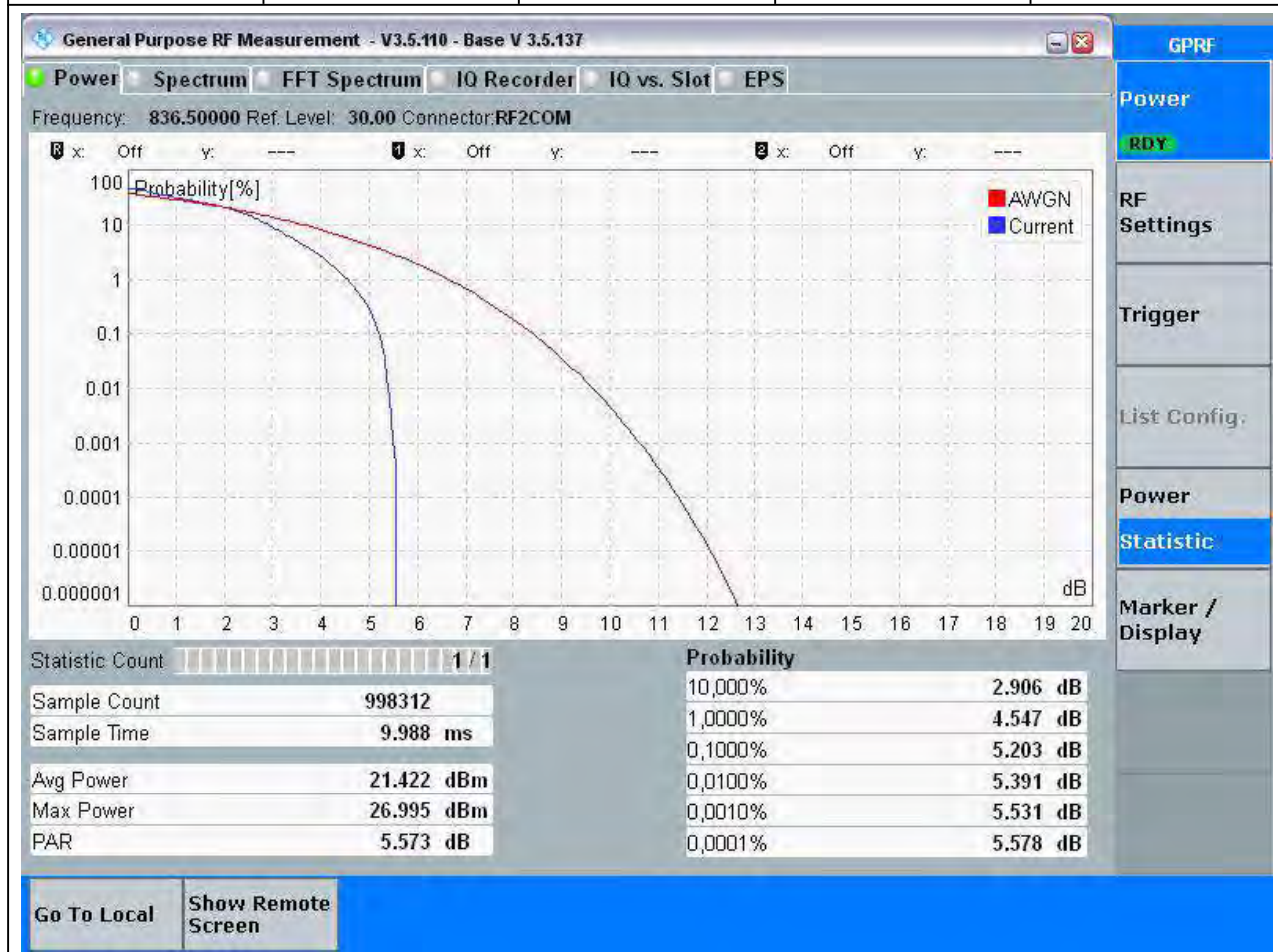
12.7 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:7, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	3.05	13	Pass



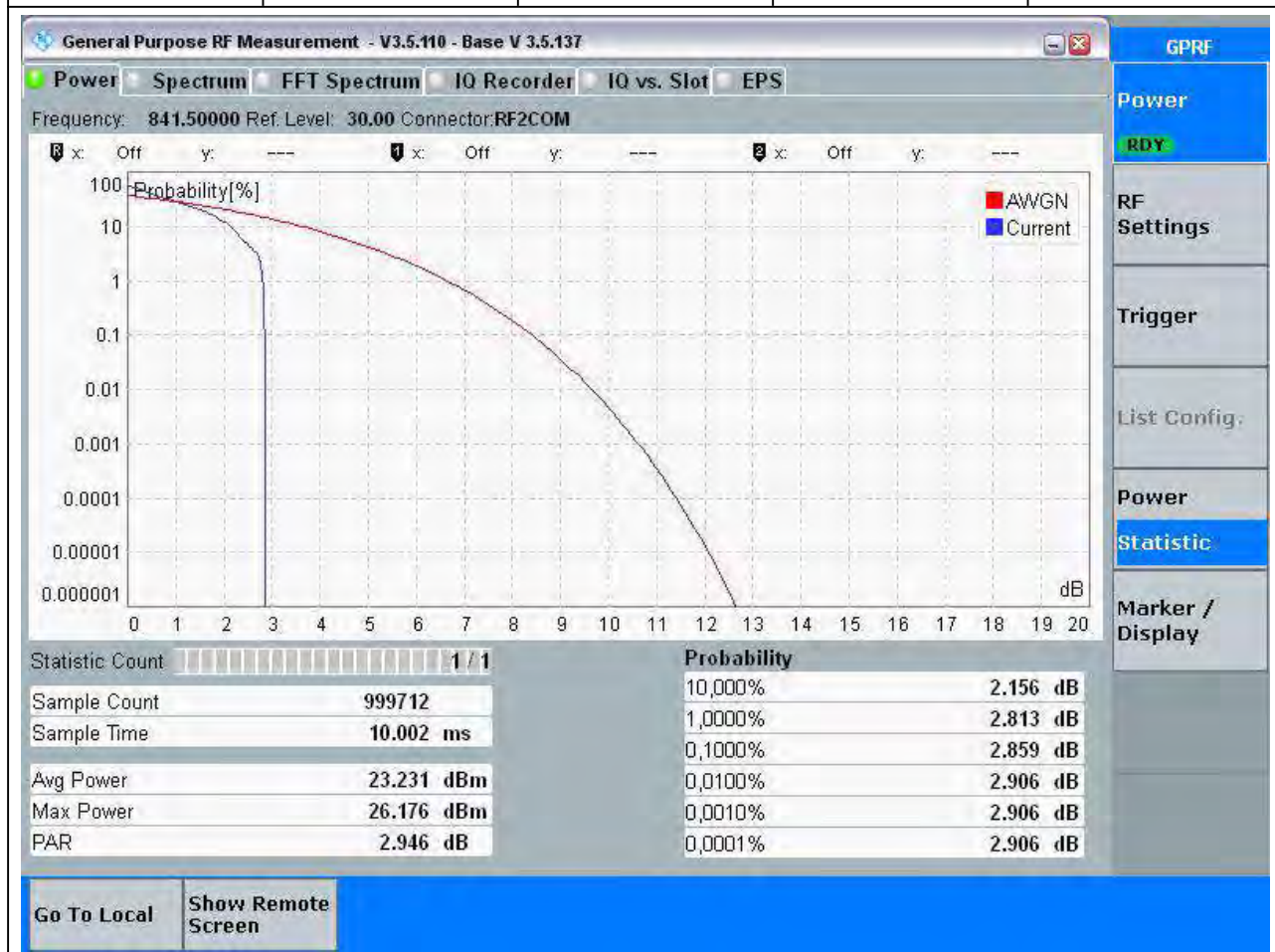
12.8 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:8, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
836.5	0.1	5.2	13	Pass



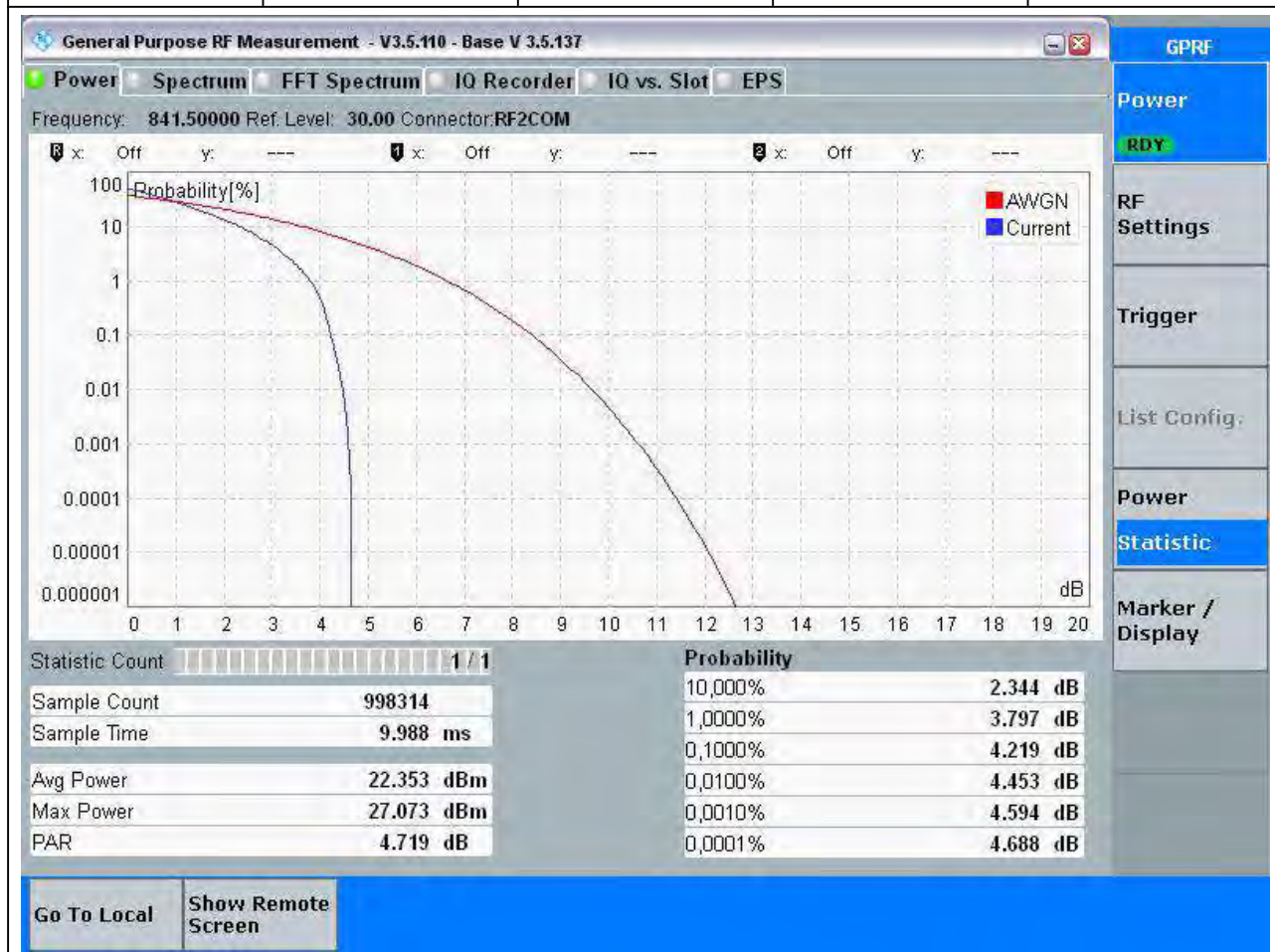
12.9 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:9, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	2.86	13	Pass



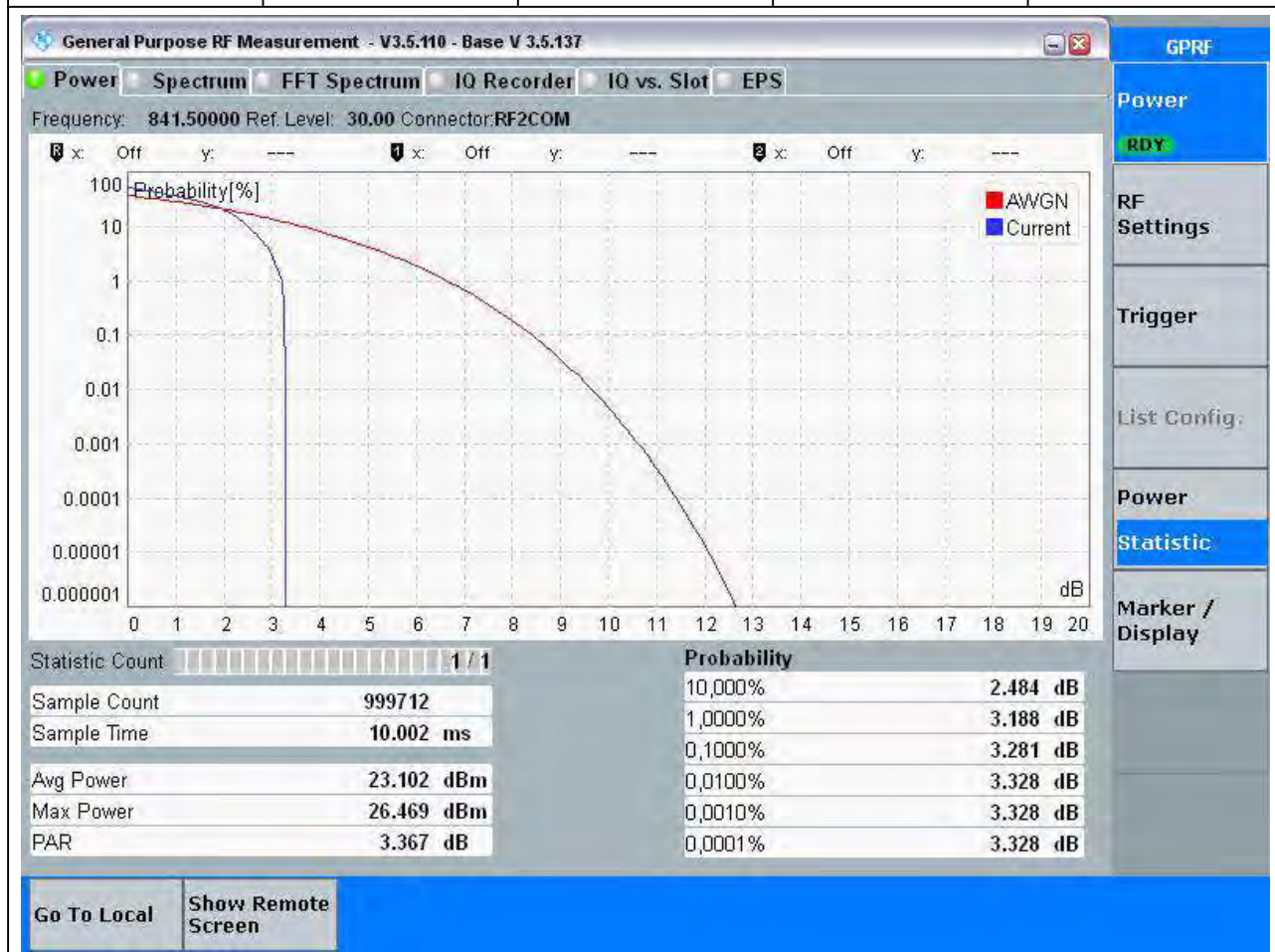
12.10 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:10, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	4.22	13	Pass



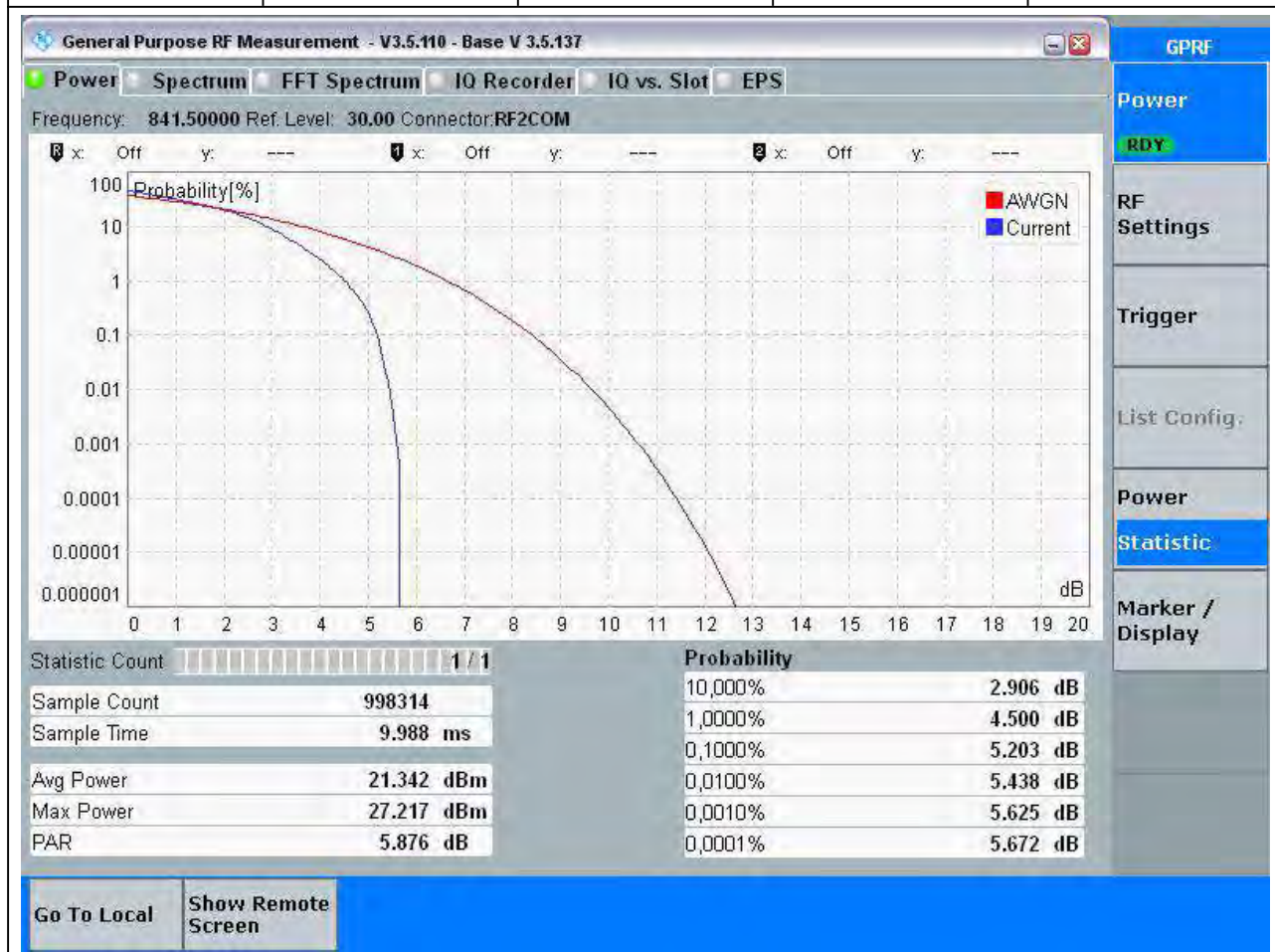
12.11 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:11, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	3.28	13	Pass



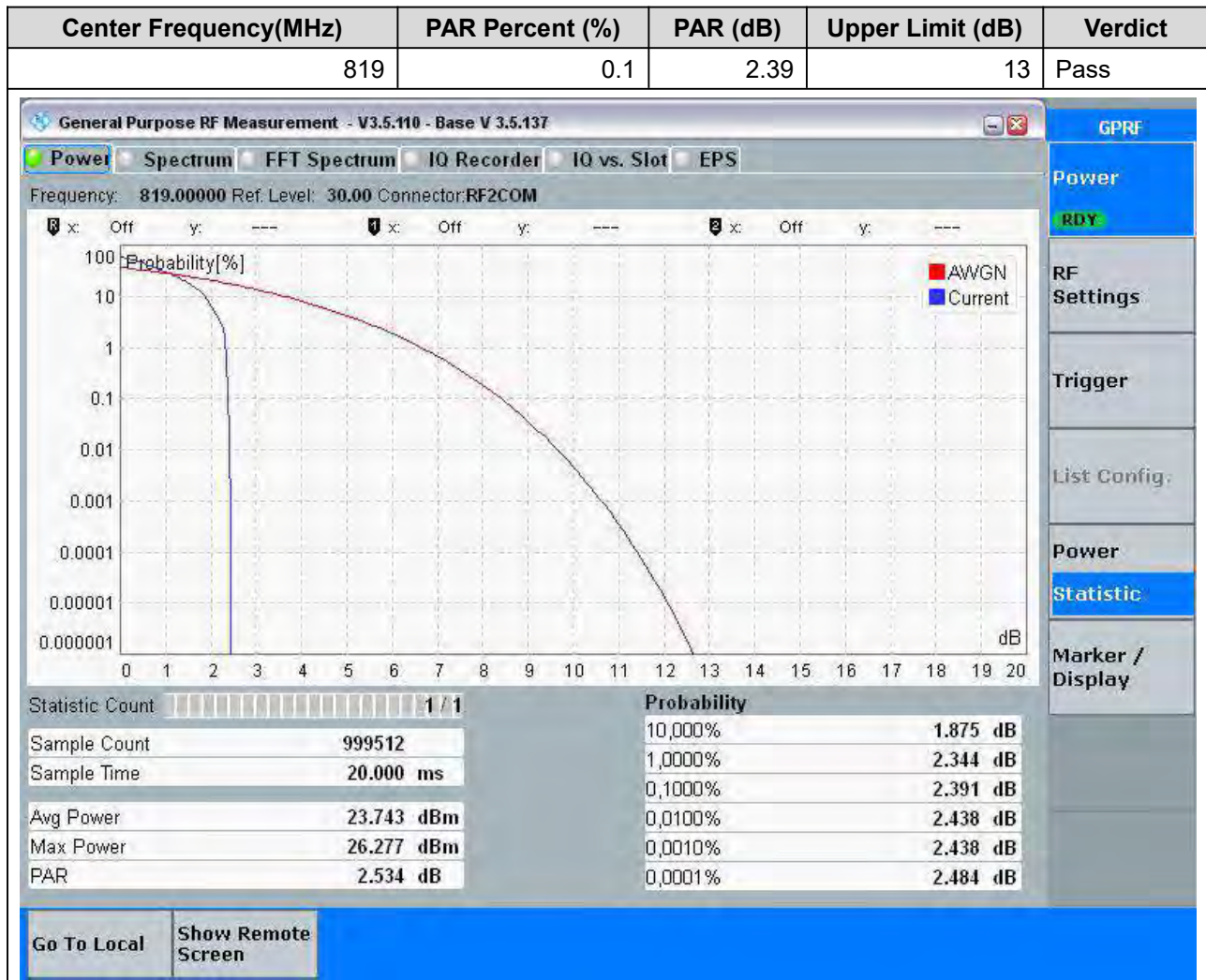
12.12 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:12, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
841.5	0.1	5.2	13	Pass

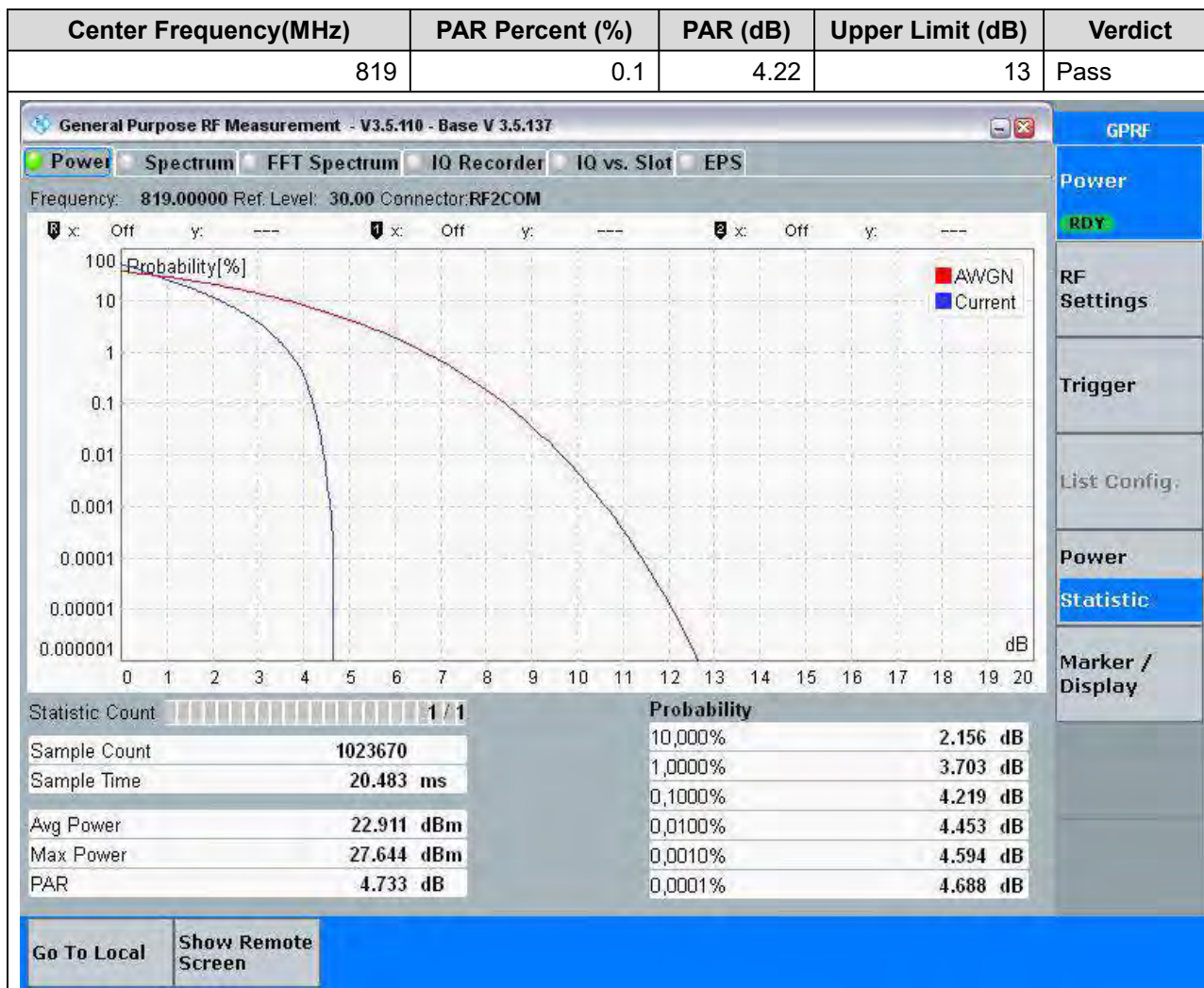


13. LTE_Band26(part90)

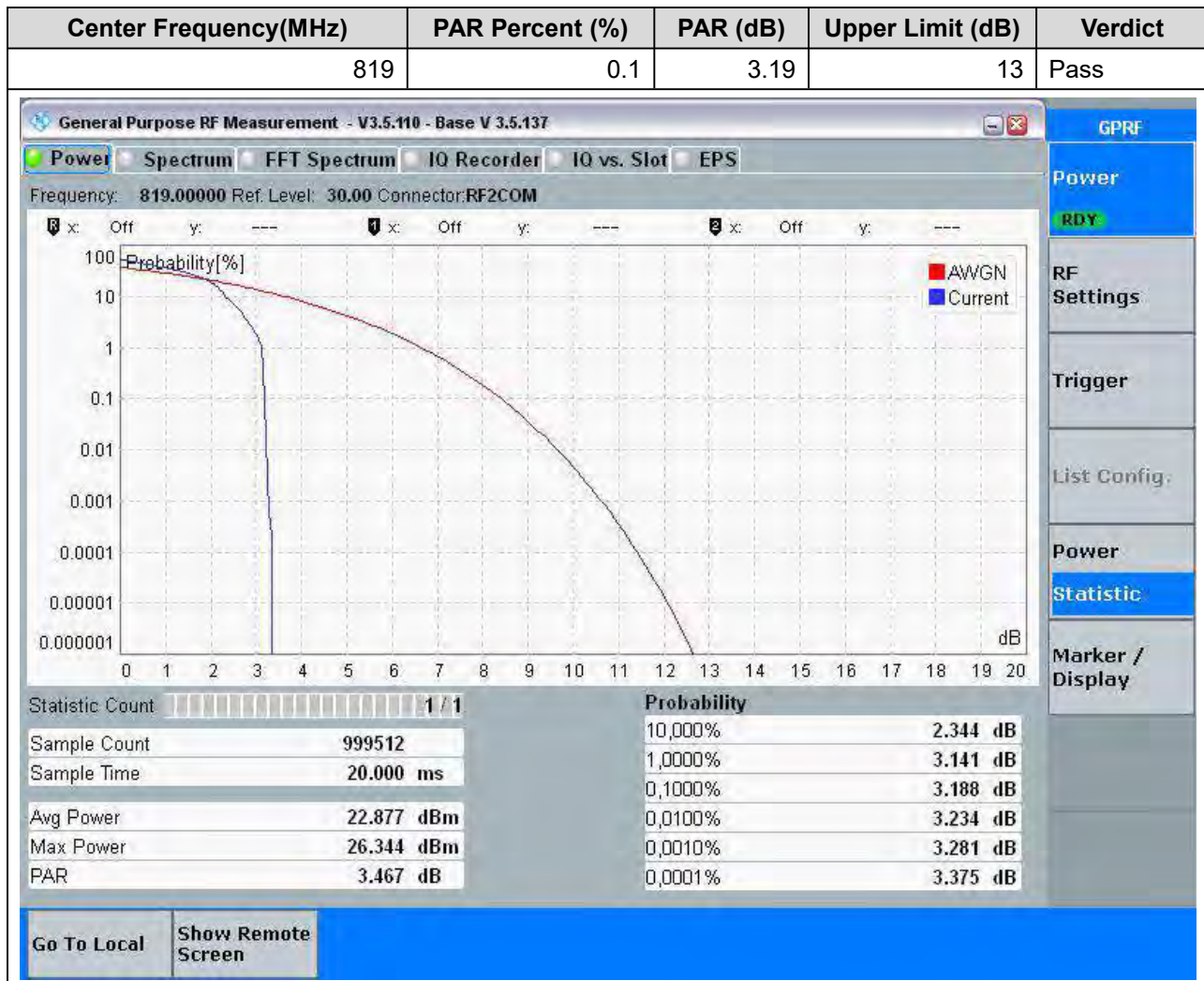
13.1 LTE Peak to Average Ratio_Part90(NTNV)(Subtest:1, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



13.2 LTE Peak to Average Ratio_Part90(NTNV)(Subtest:2, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

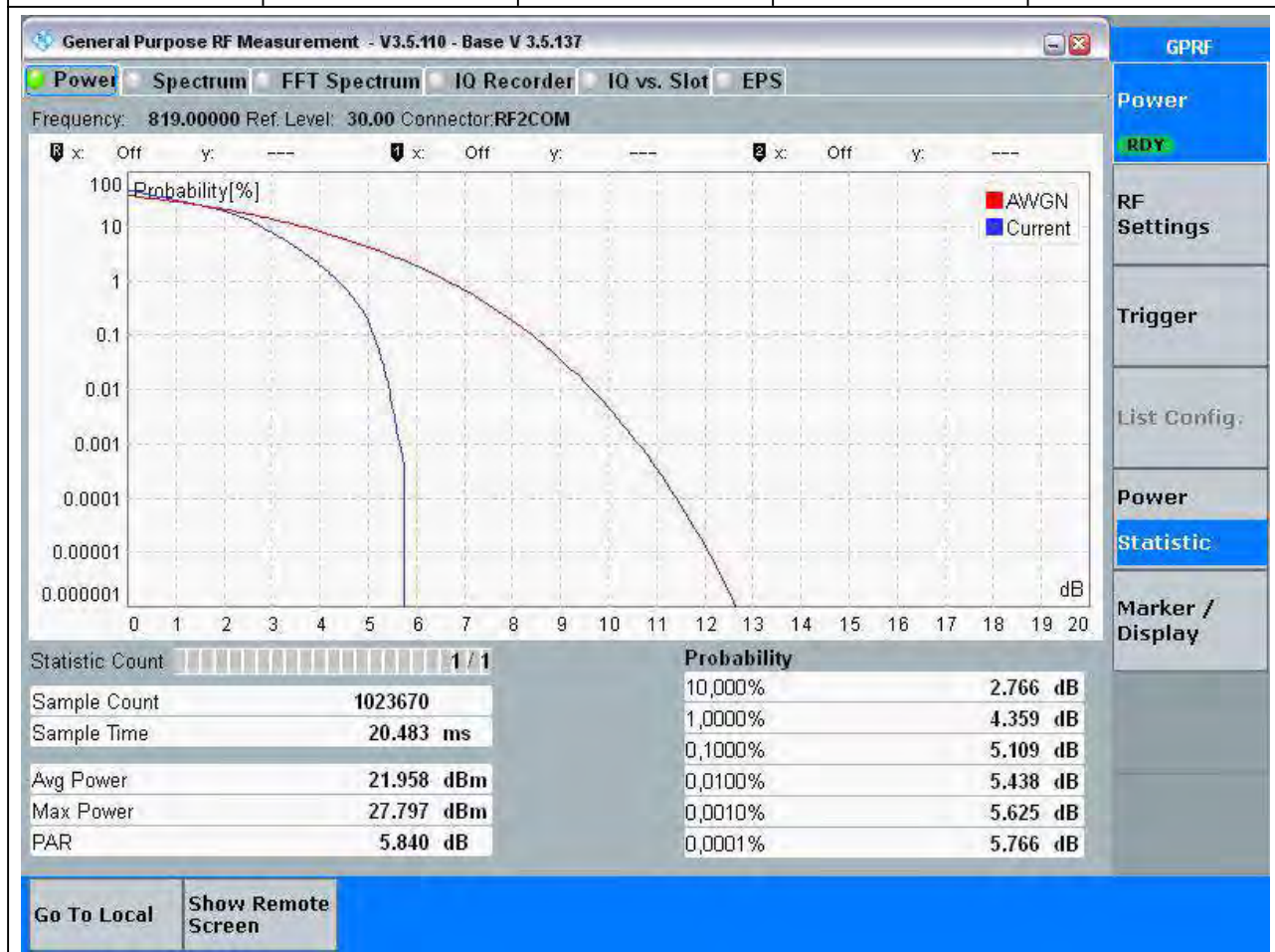


13.3 LTE Peak to Average Ratio_Part90(NTNV)(Subtest:3, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



13.4 LTE Peak to Average Ratio_Part90(NTNV)(Subtest:4, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

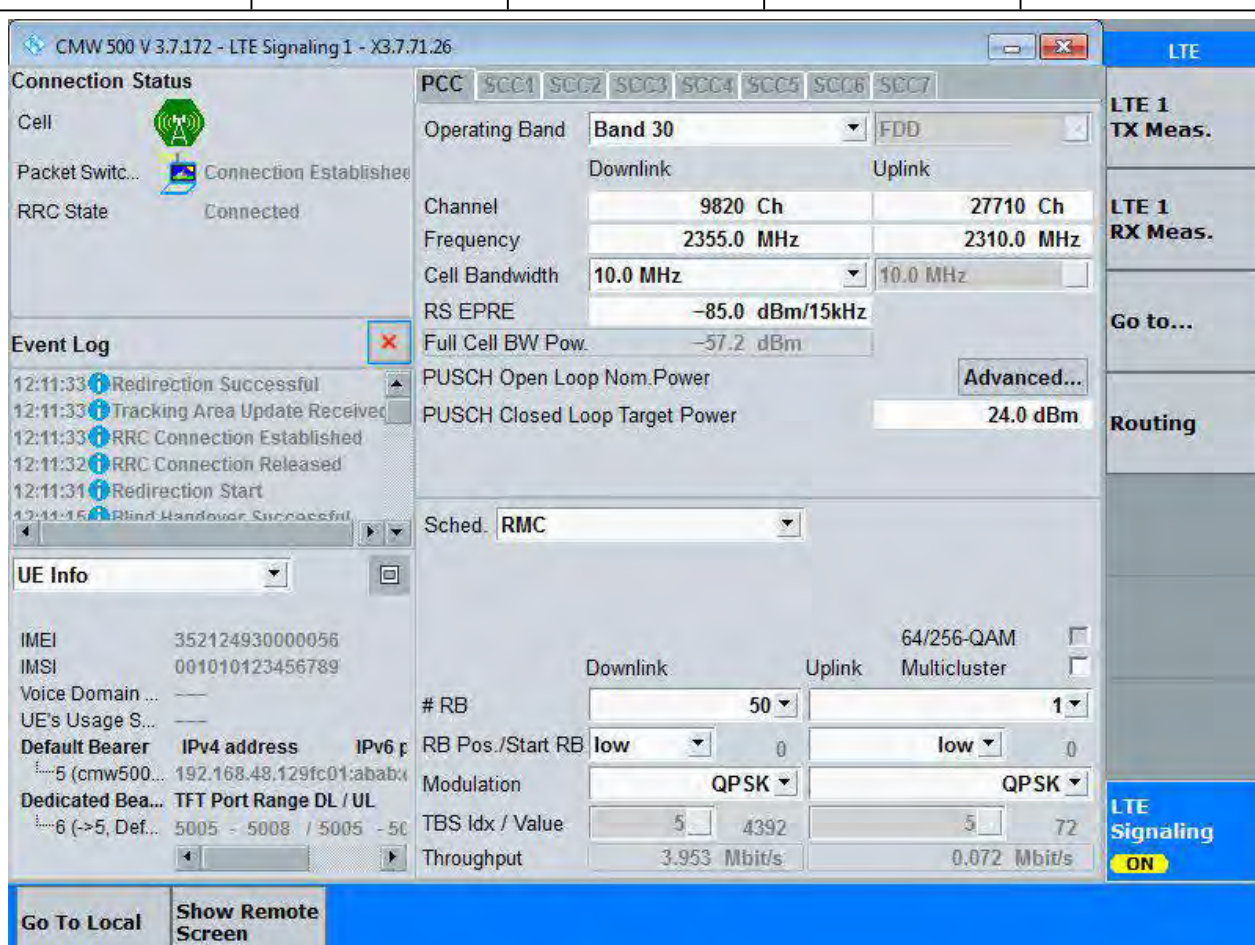
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
819	0.1	5.11	13	Pass



14. LTE_Band30

14.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:27710, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

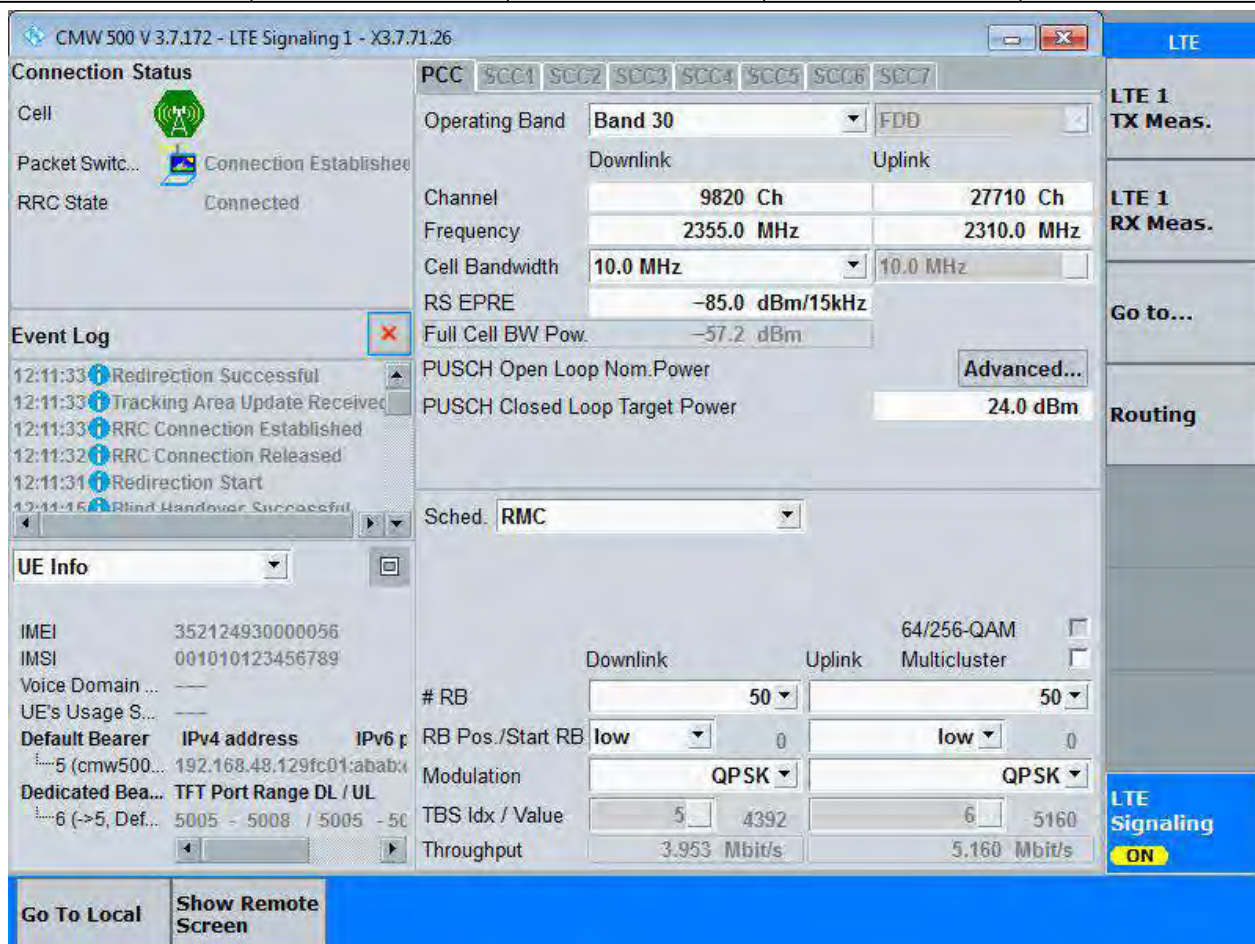
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2310	0.1	3.07	13	Pass



The screenshot displays the CMW 500 V3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window shows the LTE configuration for Band 30. The operating band is set to Band 30, and the channel is 27710 Ch. The frequency is 2310.0 MHz, and the cell bandwidth is 10.0 MHz. The RS EPRE is -85.0 dBm/15kHz, and the full cell BW power is -57.2 dBm. The PUSCH Open Loop Nom. Power is 24.0 dBm. The modulation is QPSK, and the throughput is 3.953 Mbit/s. The interface also shows the connection status (Connected), event log, and UE info (IMEI: 352124930000056, IMSI: 001010123456789).

14.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:27710, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2310	0.1	4.21	13	Pass



The screenshot displays the CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window is divided into several sections:

- Connection Status:** Shows 'Cell' as 'Connected' and 'RRC State' as 'Connected'.
- Event Log:** Lists events such as 'Redirection Successful', 'Tracking Area Update Received', 'RRC Connection Established', 'RRC Connection Released', 'Redirection Start', and 'Blind Handover Successful'.
- UE Info:** Displays fields like IMEI (352124930000056), IMSI (001010123456789), Voice Domain, UE's Usage, Default Bearer, IPv4 address, IPv6 address, Dedicated Bearer, and TFT Port Range DL / UL.
- Configuration Parameters:**
 - Operating Band:** Band 30
 - Channel:** 9820 Ch (Downlink), 27710 Ch (Uplink)
 - Frequency:** 2355.0 MHz (Downlink), 2310.0 MHz (Uplink)
 - Cell Bandwidth:** 10.0 MHz (Downlink), 10.0 MHz (Uplink)
 - RS EPRE:** -85.0 dBm/15kHz (Downlink)
 - Full Cell BW Pow.:** -57.2 dBm (Downlink)
 - PUSCH Open Loop Nom. Power:** Advanced...
 - PUSCH Closed Loop Target Power:** 24.0 dBm
 - Sched.:** RMC
 - # RB:** 50 (Downlink), 50 (Uplink)
 - RB Pos./Start RB:** low (Downlink), low (Uplink)
 - Modulation:** QPSK (Downlink), QPSK (Uplink)
 - TBS Idx / Value:** 5 (Downlink), 4392 (Downlink), 6 (Uplink), 5160 (Uplink)
 - Throughput:** 3.953 Mbit/s (Downlink), 5.160 Mbit/s (Uplink)
 - 64/256-QAM:** ☐
 - Multicenter:** ☐
- Buttons:** Go To Local, Show Remote Screen

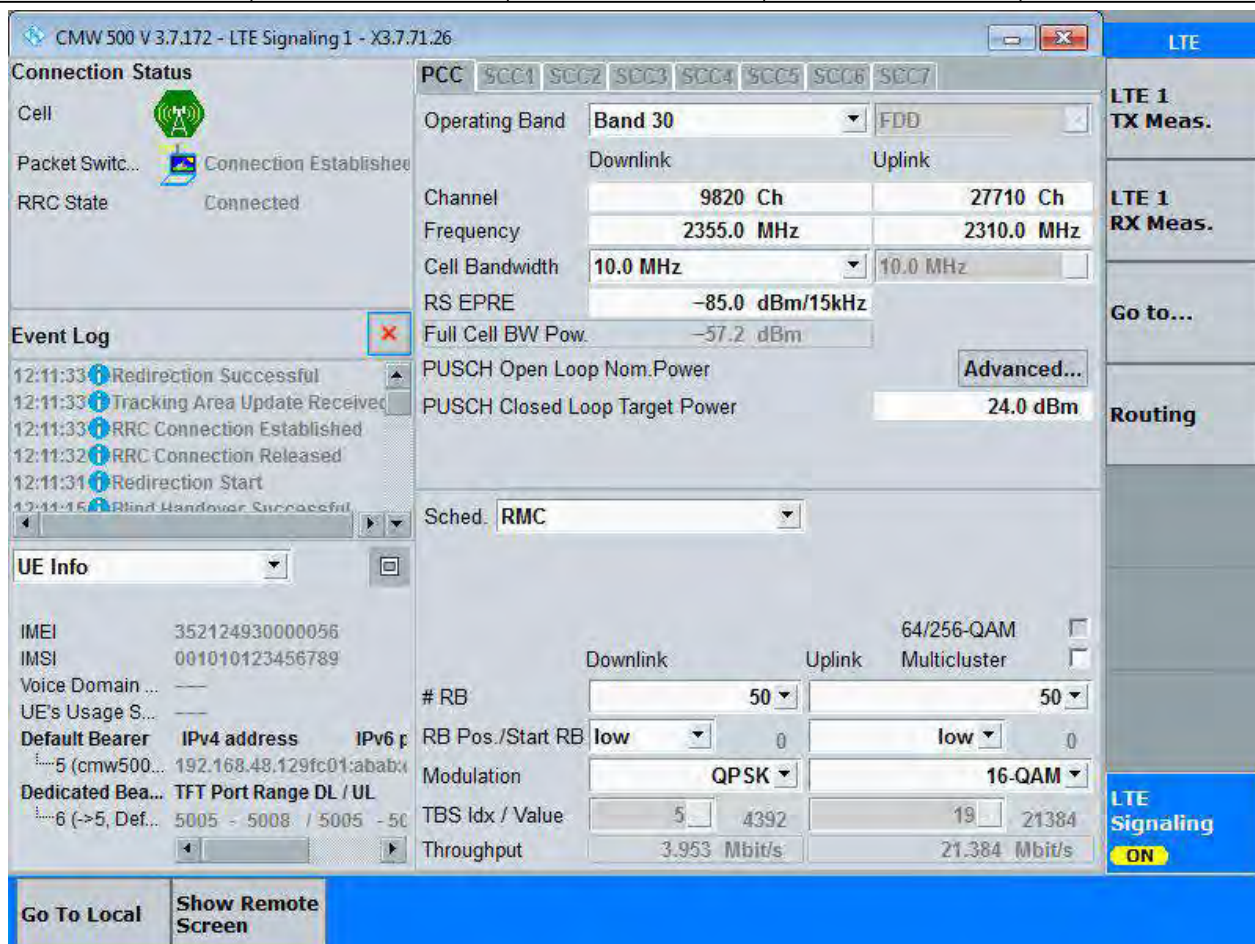
14.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:27710, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2310	0.1	3.99	13	Pass

CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26		LTE	
Connection Status Cell:  Packet Switching:  Connection Established RRC State: Connected	PCC SCC1 SCC2 SCC3 SCC4 SCC5 SCC6 SCC7 Operating Band: Band 30 FDD Channel: 9820 Ch 27710 Ch Frequency: 2355.0 MHz 2310.0 MHz Cell Bandwidth: 10.0 MHz 10.0 MHz RS EPRE: -85.0 dBm/15kHz Full Cell BW Pow.: -57.2 dBm PUSCH Open Loop Nom.Power: Advanced... PUSCH Closed Loop Target Power: 24.0 dBm Sched.: RMC	LTE 1 TX Meas. LTE 1 RX Meas. Go to... Routing	
Event Log 12:11:33 Redirection Successful 12:11:33 Tracking Area Update Received 12:11:33 RRC Connection Established 12:11:32 RRC Connection Released 12:11:31 Redirection Start 12:11:15 Blind Handover Successful	UE Info IMEI: 352124930000056 IMSI: 001010123456789 Voice Domain: --- UE's Usage S...: --- Default Bearer: IPv4 address IPv6 p... 5 (cmw500... 192.168.48.129fc01:abab... Dedicated Bea... TFT Port Range DL / UL 6 (->5, Def... 5005 - 5008 / 5005 - 5008	# RB: 50 RB Pos./Start RB: low 0 Modulation: QPSK 16-QAM TBS Idx / Value: 5 4392 19 408 Throughput: 3.953 Mbit/s 0.408 Mbit/s	64/256-QAM Multicenter: ☐ LTE Signaling ON
Go To Local Show Remote Screen			

14.4 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:4, Channel:27710, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2310	0.1	5.12	13	Pass

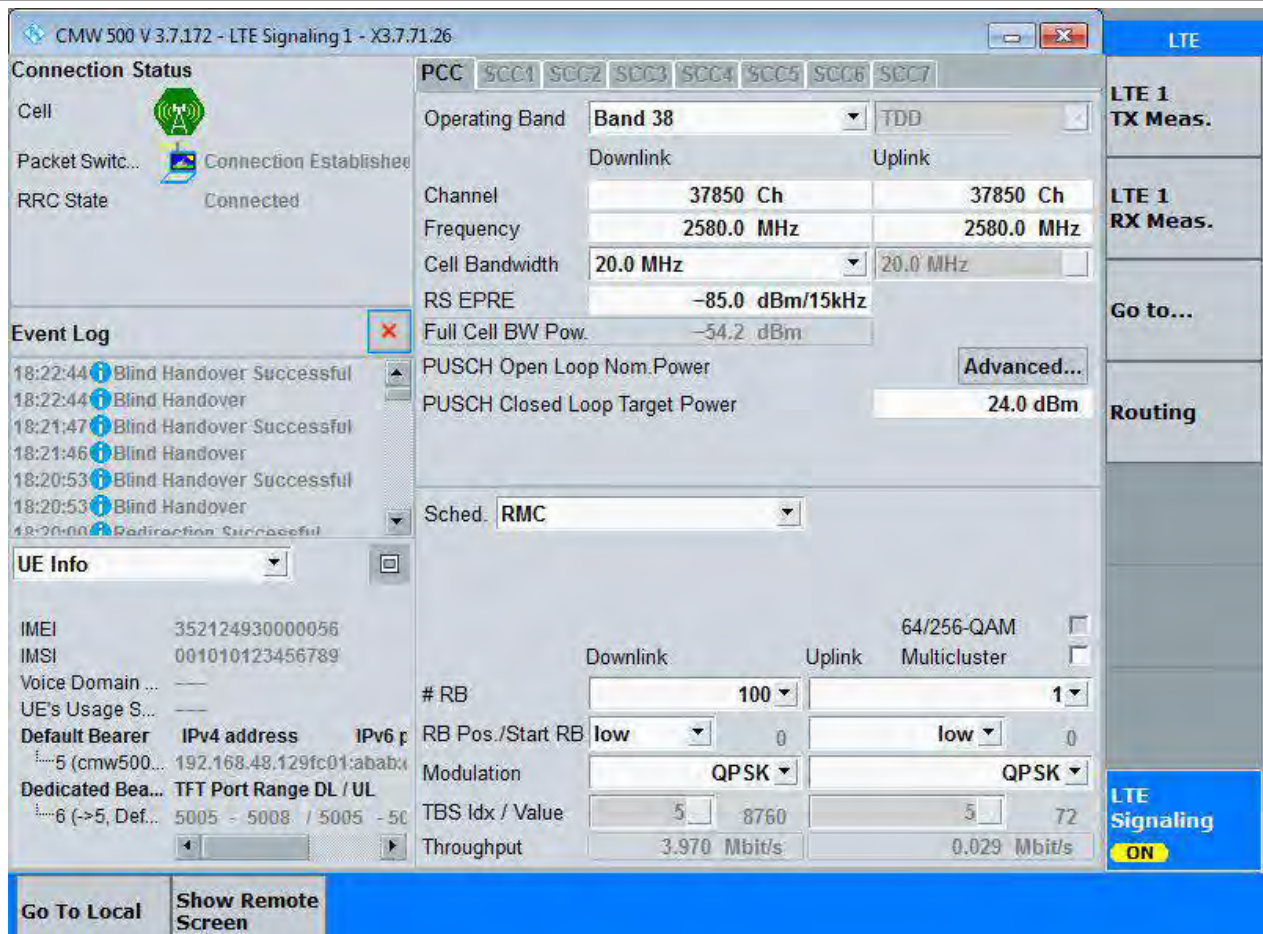


The screenshot displays the CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The top section shows the Connection Status with a green signal icon and 'Connection Established' and 'RRC State Connected'. The Event Log shows a series of events including 'Redirection Successful', 'Tracking Area Update Received', 'RRC Connection Established', 'RRC Connection Released', 'Redirection Start', and 'Blind Handover Successful'. The UE Info section displays IMEI (352124930000056), IMSI (001010123456789), and various network parameters. The bottom section shows the LTE configuration, including Operating Band (Band 30), Channel (9820 Ch), Frequency (2355.0 MHz), Cell Bandwidth (10.0 MHz), RS EPRE (-85.0 dBm/15kHz), Full Cell BW Pow. (-57.2 dBm), PUSCH Open Loop Nom. Power (Advanced...), PUSCH Closed Loop Target Power (24.0 dBm), Sched. (RMC), # RB (50), RB Pos./Start RB (low, 0), Modulation (QPSK), TBS Idx / Value (5, 4392), and Throughput (3.953 Mbit/s). The right sidebar shows 'LTE 1 TX Meas.', 'LTE 1 RX Meas.', 'Go to...', 'Routing', and 'LTE Signaling ON'.

15. LTE_Band38

15.1 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:1, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

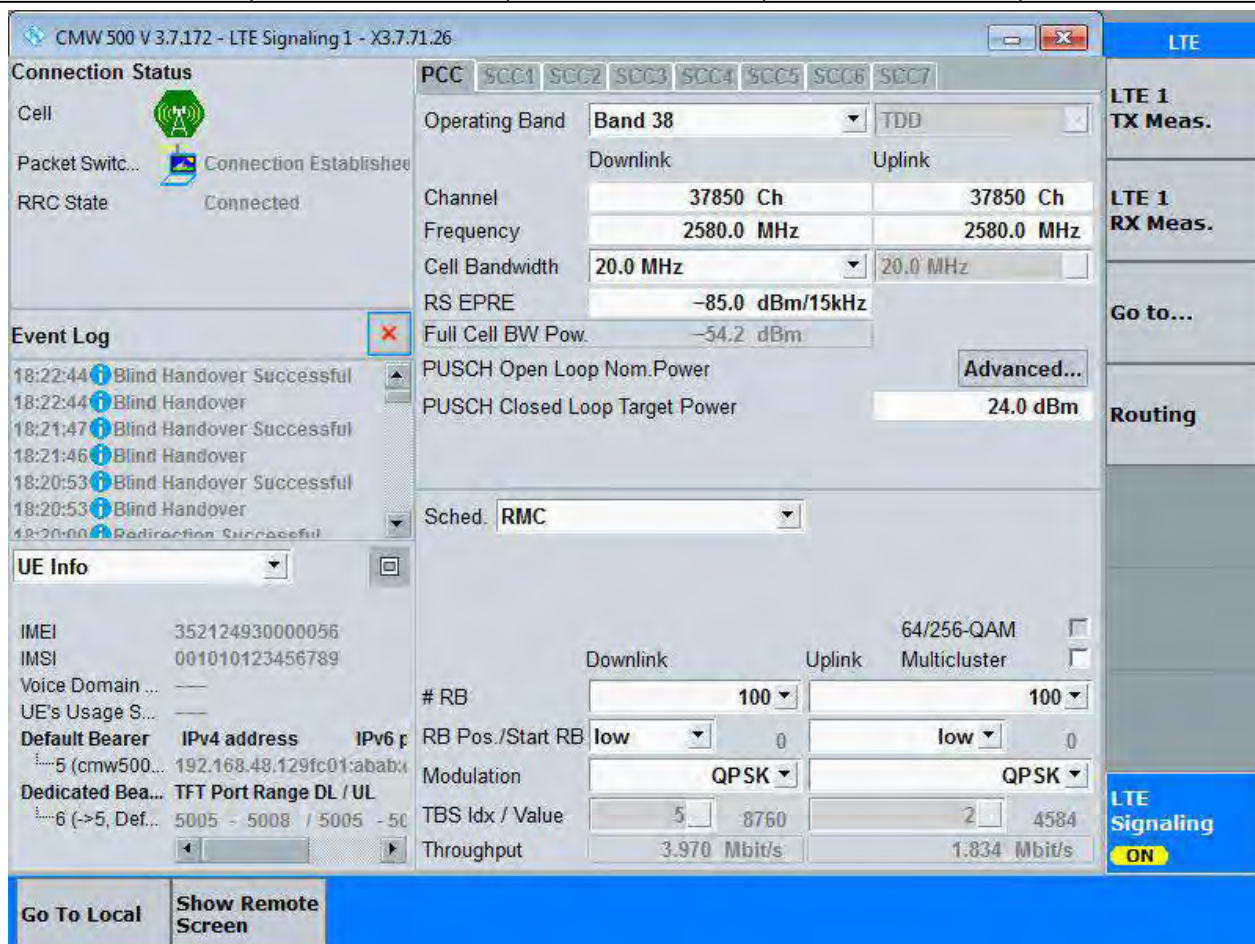
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	7.97	13	Pass



The screenshot displays the CMW 500 V3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window shows the LTE configuration for Band 38. The operating band is set to Band 38, and the channel is 37850 Ch. The frequency is 2580.0 MHz, and the cell bandwidth is 20.0 MHz. The RS EPRE is -85.0 dBm/15kHz, and the full cell BW power is -54.2 dBm. The PUSCH Open Loop Nom. Power is 24.0 dBm. The modulation is QPSK, and the throughput is 3.970 Mbit/s for the downlink and 0.029 Mbit/s for the uplink. The interface also shows the connection status (Connected), event log (Blind Handover Successful), and UE info (IMEI: 352124930000056, IMSI: 001010123456789).

15.2 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:2, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	8.48	13	Pass



The screenshot displays the CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26 interface. The main window is divided into several sections:

- Connection Status:** Shows 'Cell' with a signal icon, 'Packet Switch...' with 'Connection Established', and 'RRC State' with 'Connected'.
- Event Log:** Lists several events including 'Blind Handover Successful' and 'Redirection Successful'.
- UE Info:** Displays fields like IMEI (352124930000056), IMSI (001010123456789), Voice Domain, and UE's Usage.
- Configuration Parameters:**
 - Operating Band:** Band 38
 - Channel:** 37850 Ch
 - Frequency:** 2580.0 MHz
 - Cell Bandwidth:** 20.0 MHz
 - RS EPRE:** -85.0 dBm/15kHz
 - Full Cell BW Pow.:** -54.2 dBm
 - Sched.:** RMC
 - Modulation:** QPSK
 - Throughput:** 3.970 Mbit/s (Downlink), 1.834 Mbit/s (Uplink)
- Buttons and Controls:** Includes 'Go To Local', 'Show Remote Screen', 'Advanced...', and 'Routing'.
- Right Panel:** Contains 'LTE 1 TX Meas.', 'LTE 1 RX Meas.', 'Go to...', and 'LTE Signaling ON'.

15.3 LTE Peak to Average Ratio_Part22-24-27(NTNV)(Subtest:3, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
2580	0.1	8.8	13	Pass

CMW 500 V 3.7.172 - LTE Signaling 1 - X3.7.71.26

Connection Status

Cell:  Connection Established

Packet Switc...:  Connection Established

RRC State: Connected

Event Log

- 18:22:44 Blind Handover Successful
- 18:22:44 Blind Handover
- 18:21:47 Blind Handover Successful
- 18:21:46 Blind Handover
- 18:20:53 Blind Handover Successful
- 18:20:53 Blind Handover
- 18:20:00 Redirection Successful

UE Info

IMEI: 352124930000056

IMSI: 001010123456789

Voice Domain ...

UE's Usage S...

Default Bearer IPv4 address IPv6 p

5 (cmw500... 192.168.48.129fc01:ababx

Dedicated Bea... TFT Port Range DL / UL

6 (->5, Def... 5005 - 5008 / 5005 - 50

PCC SCC1 SCC2 SCC3 SCC4 SCC5 SCC6 SCC7

Operating Band: Band 38 TDD

Downlink Uplink

Channel: 37850 Ch 37850 Ch

Frequency: 2580.0 MHz 2580.0 MHz

Cell Bandwidth: 20.0 MHz 20.0 MHz

RS EPRE: -85.0 dBm/15kHz

Full Cell BW Pow.: -54.2 dBm

PUSCH Open Loop Nom.Power: Advanced...

PUSCH Closed Loop Target Power: 24.0 dBm

Sched.: RMC

RB: 100

RB Pos./Start RB: low 0 low 0

Modulation: QPSK 16-QAM

TBS Idx / Value: 5 8760 19 408

Throughput: 3.970 Mbit/s 0.163 Mbit/s

64/256-QAM Multicli...

LTE

LTE 1 TX Meas.

LTE 1 RX Meas.

Go to...

Routing

LTE Signaling ON

