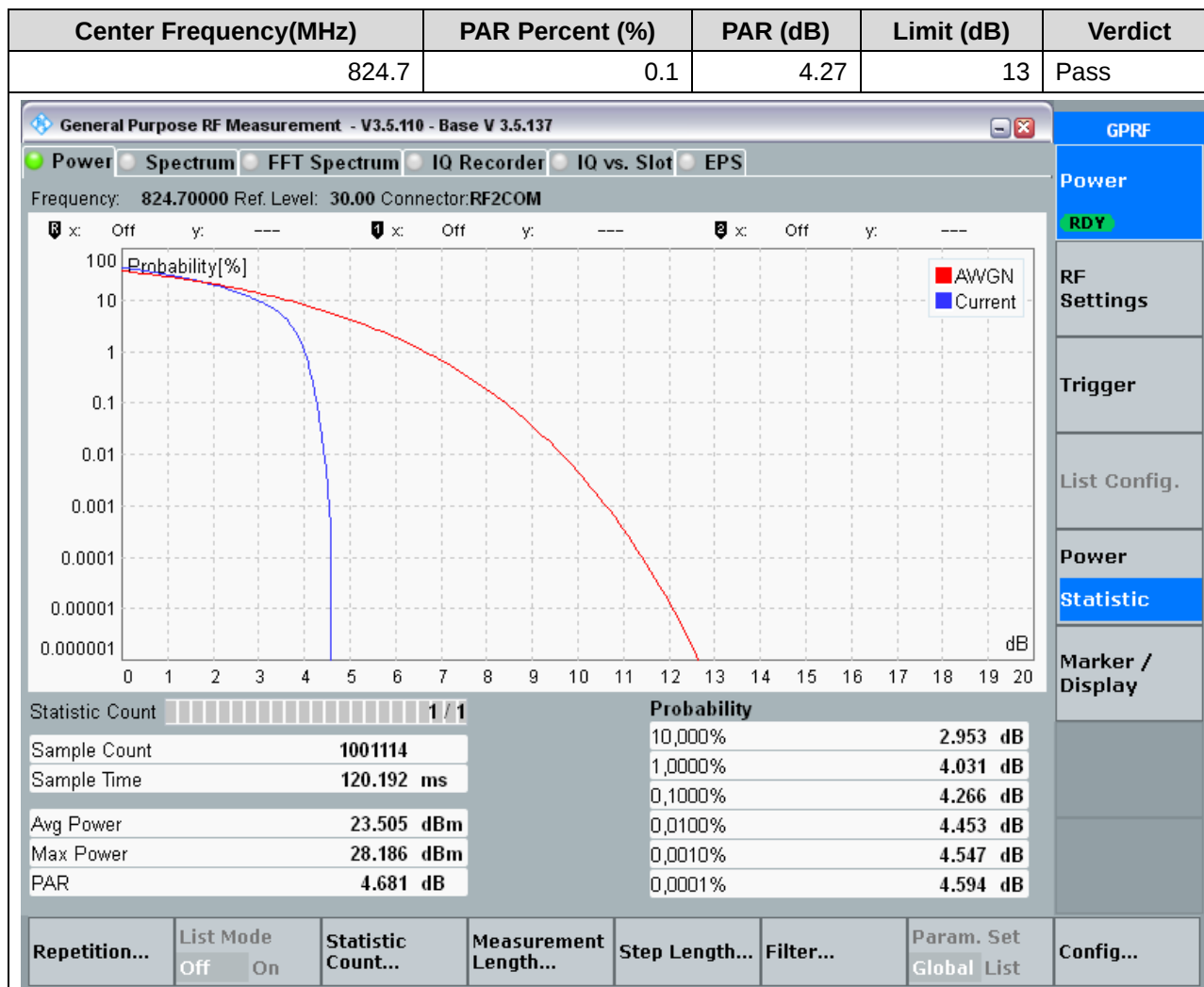


A.2 Peak to Average Ratio

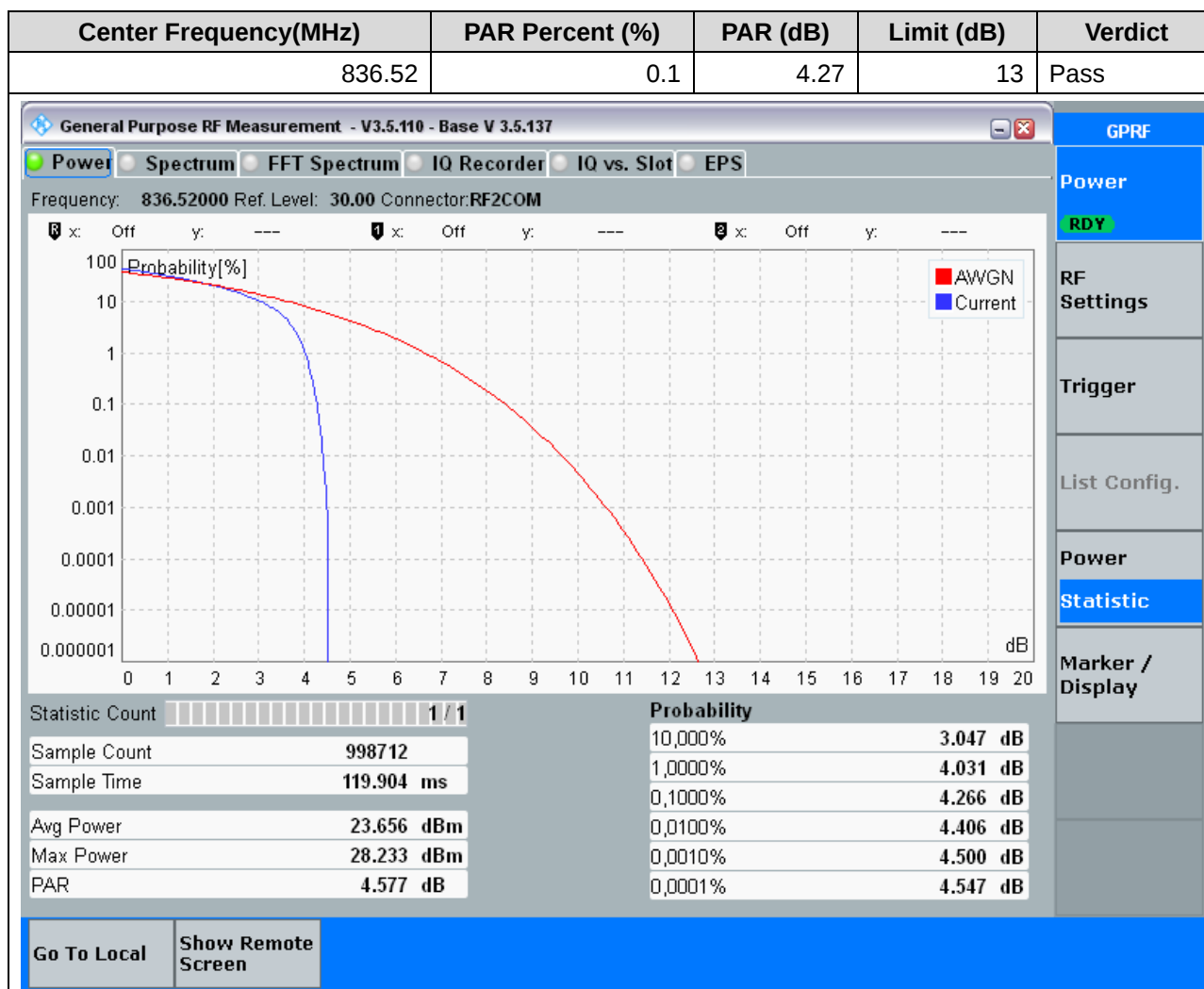
1. EVDO BC0_CH1013(FCC)

1.1. Peak to Average Ratio(NTNV)



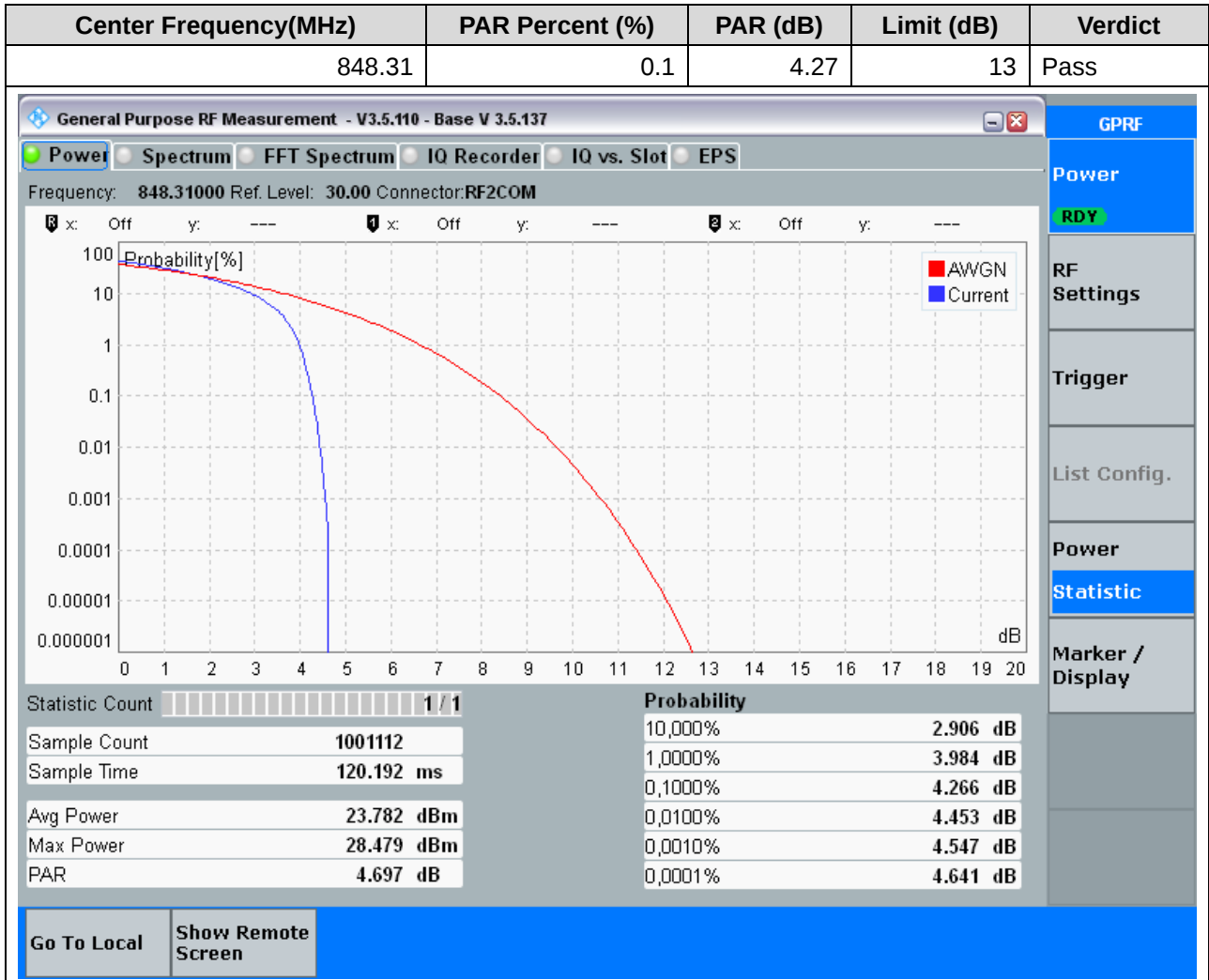
2. EVDO BC0_CH384(FCC)

2.1. Peak to Average Ratio(NTNV)



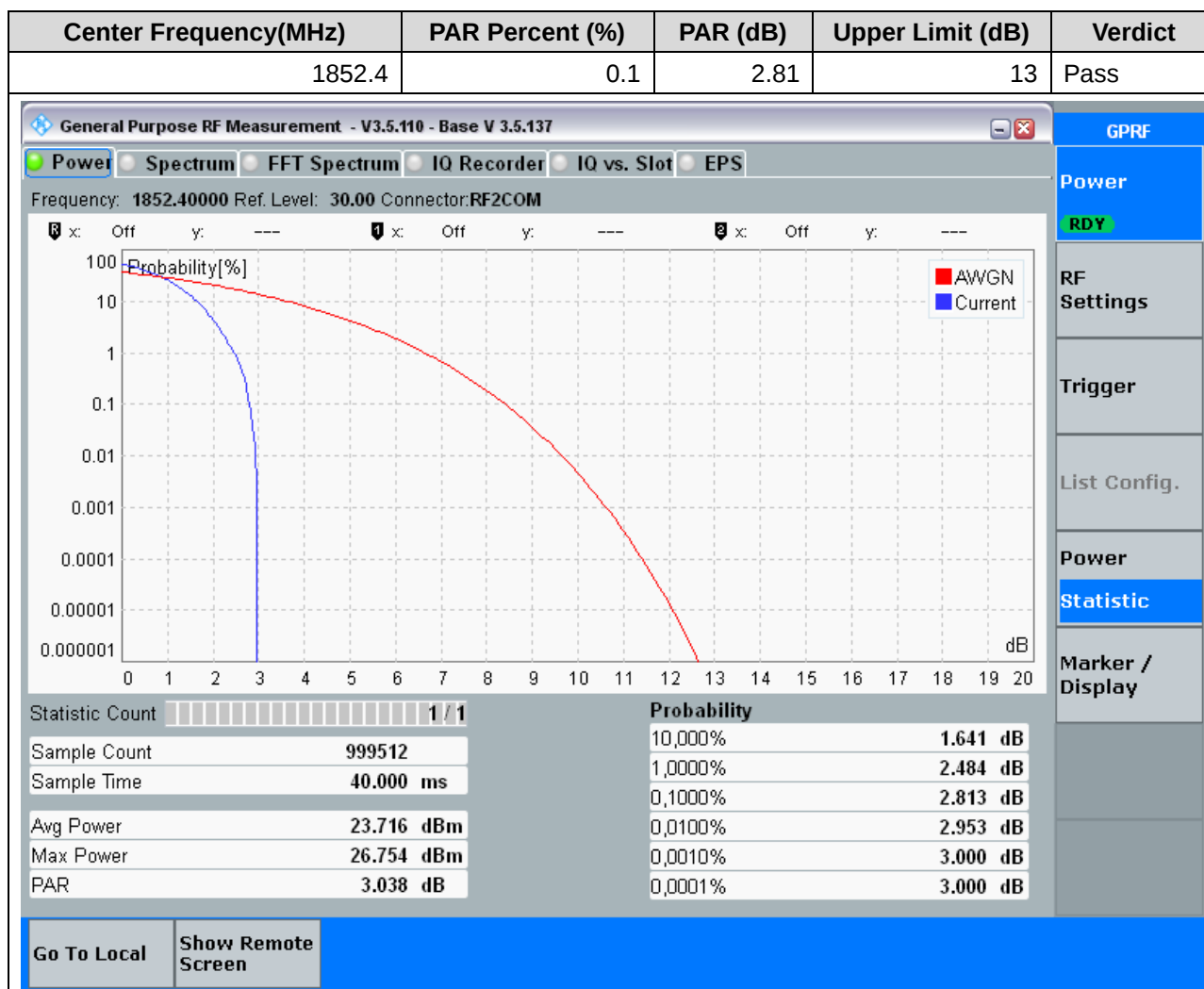
3. EVDO BC0_CH777(FCC)

3.1. Peak to Average Ratio(NTNV)

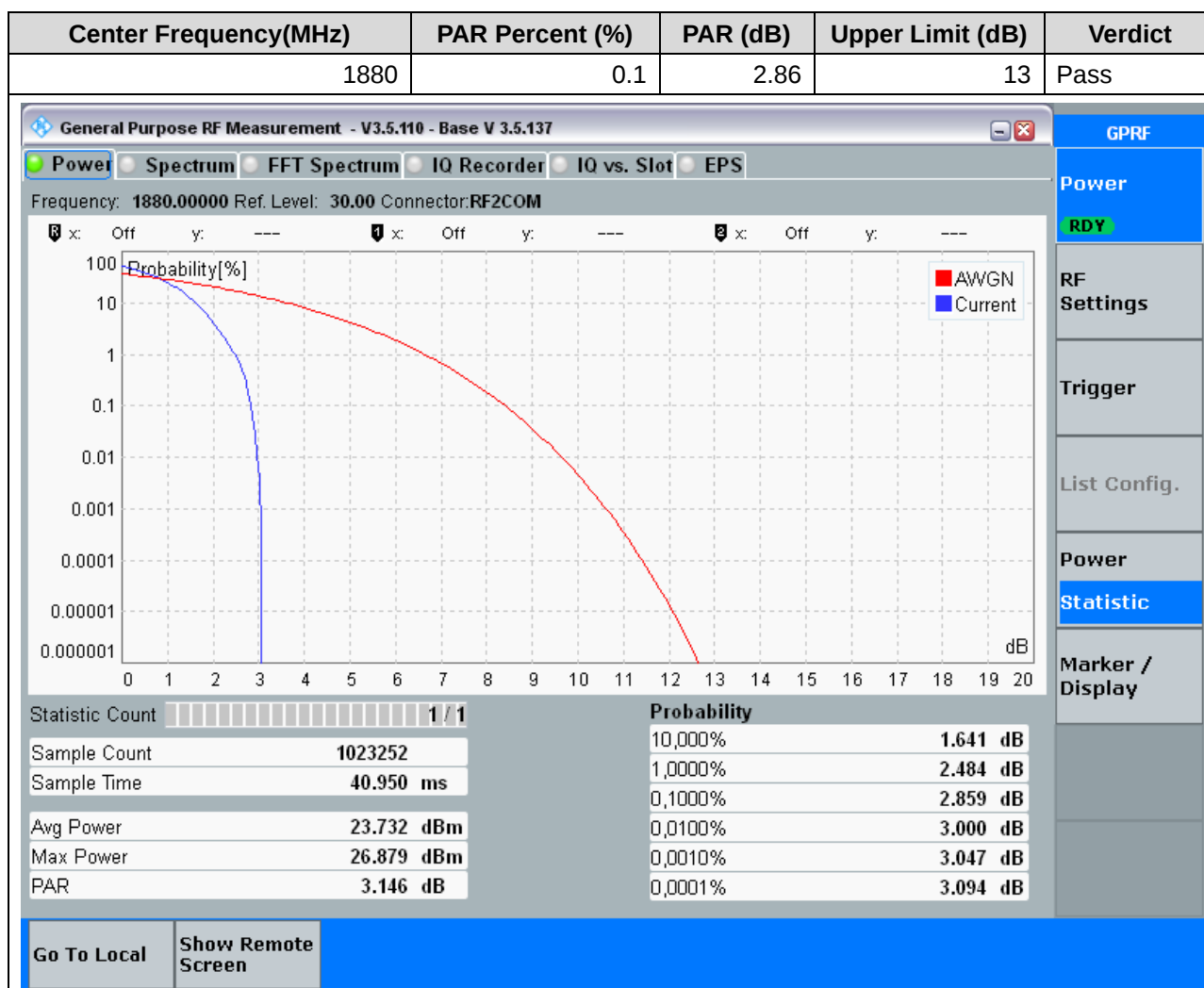


4. WCDMA_Band2

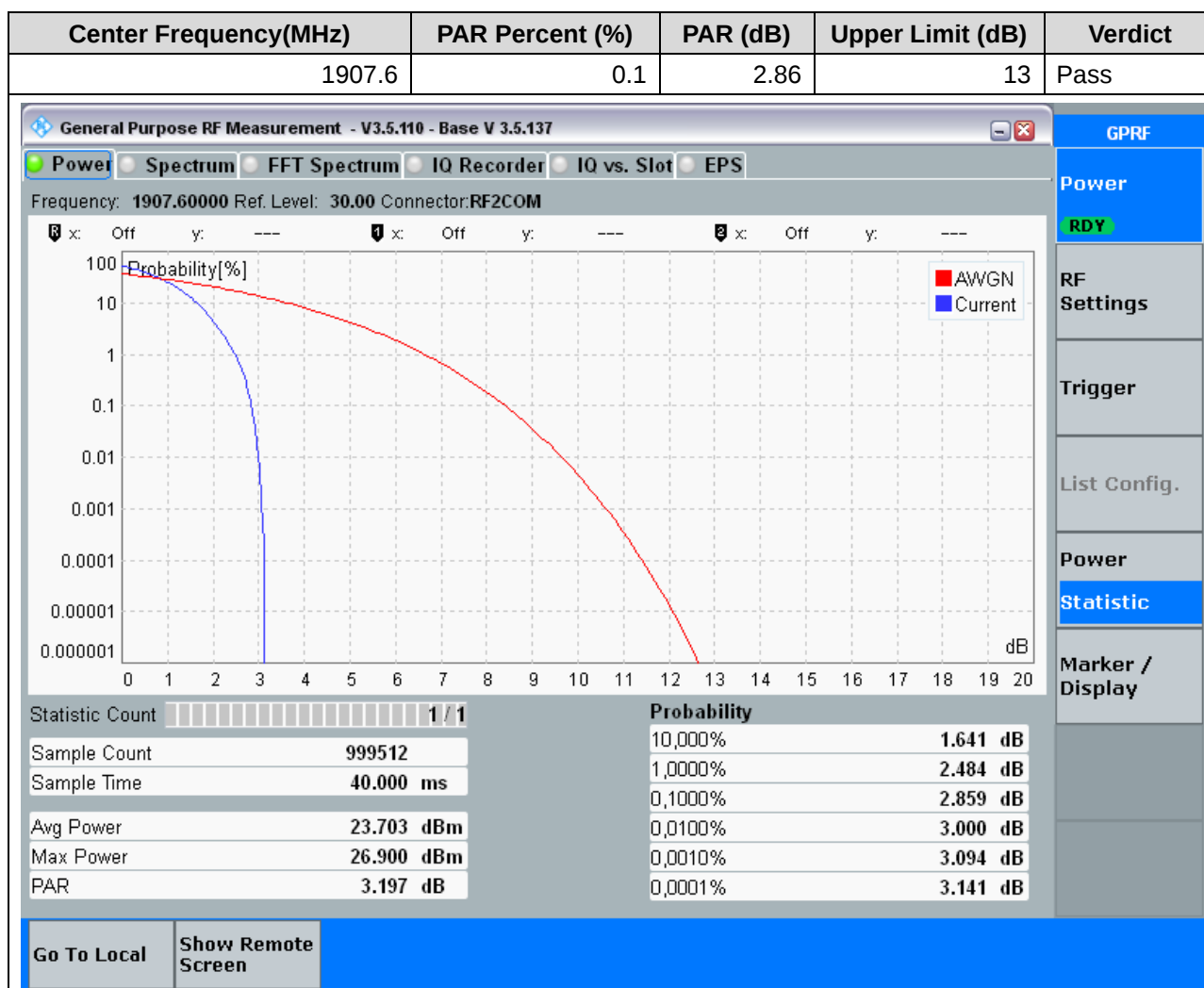
4.1. WCDMA Peak to Average Ratio(NTNV)(Channel:9262)



4.2. WCDMA Peak to Average Ratio(NTNV)(Channel:9400)

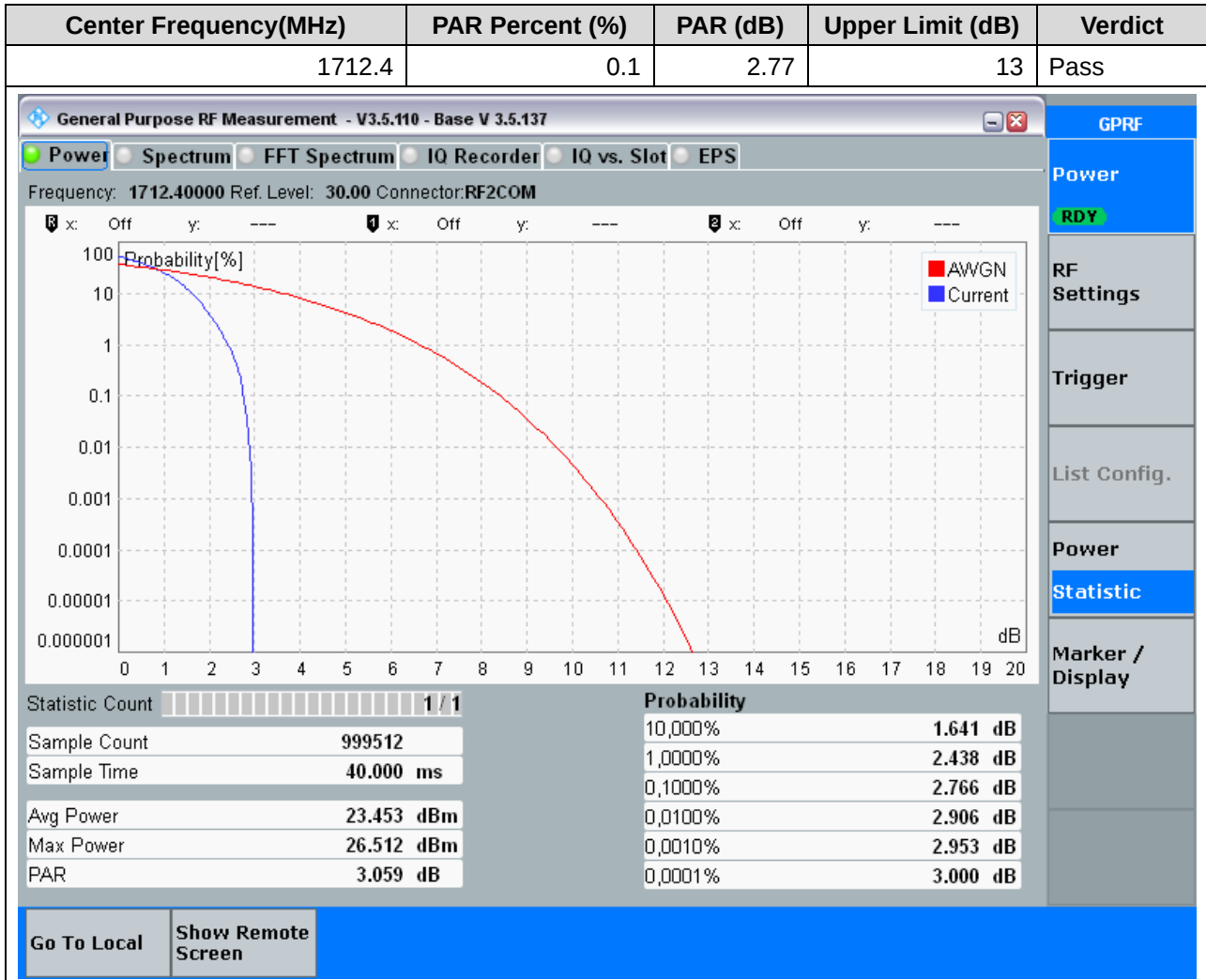


4.3. WCDMA Peak to Average Ratio(NTNV)(Channel:9538)

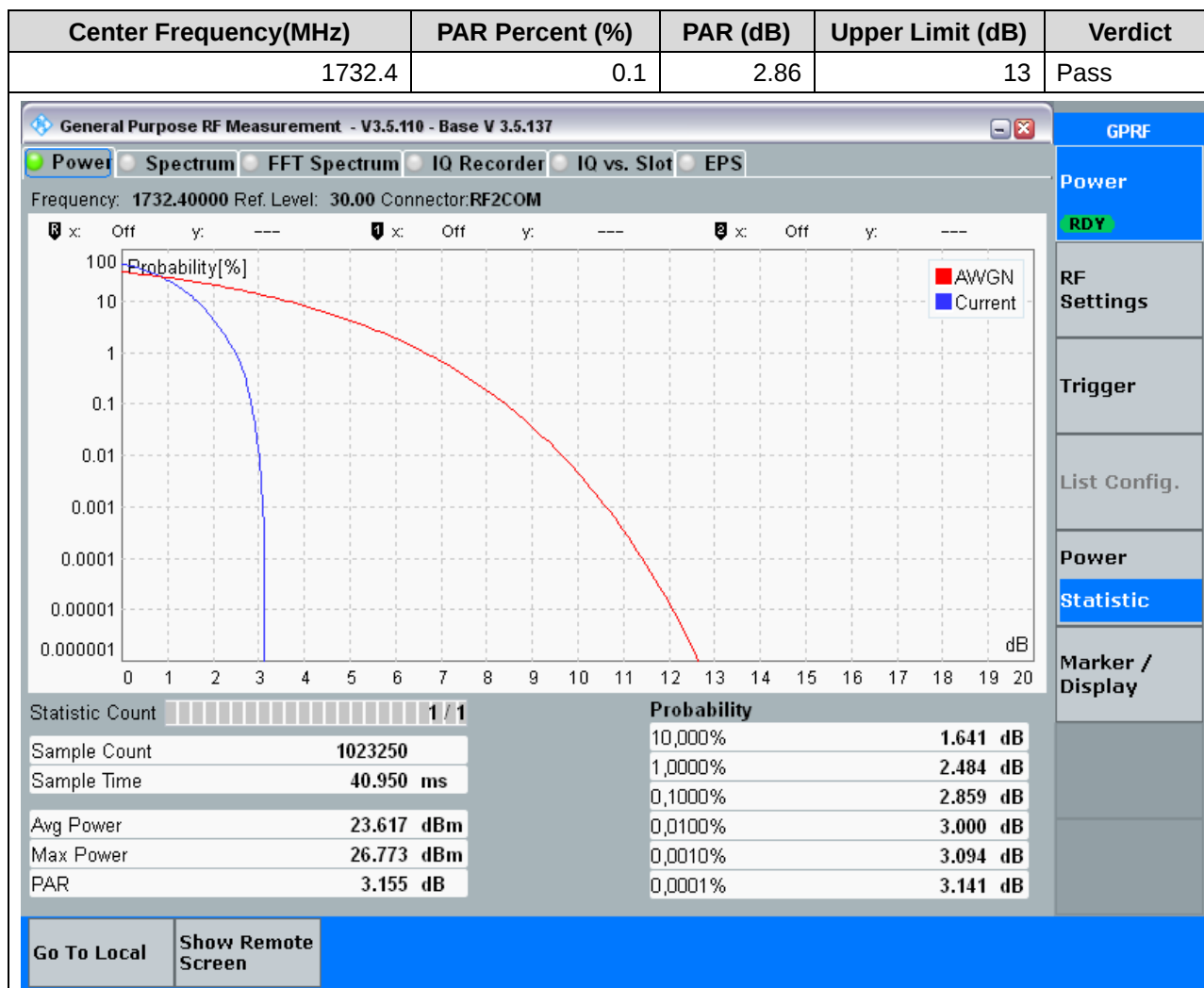


5. WCDMA_Band4

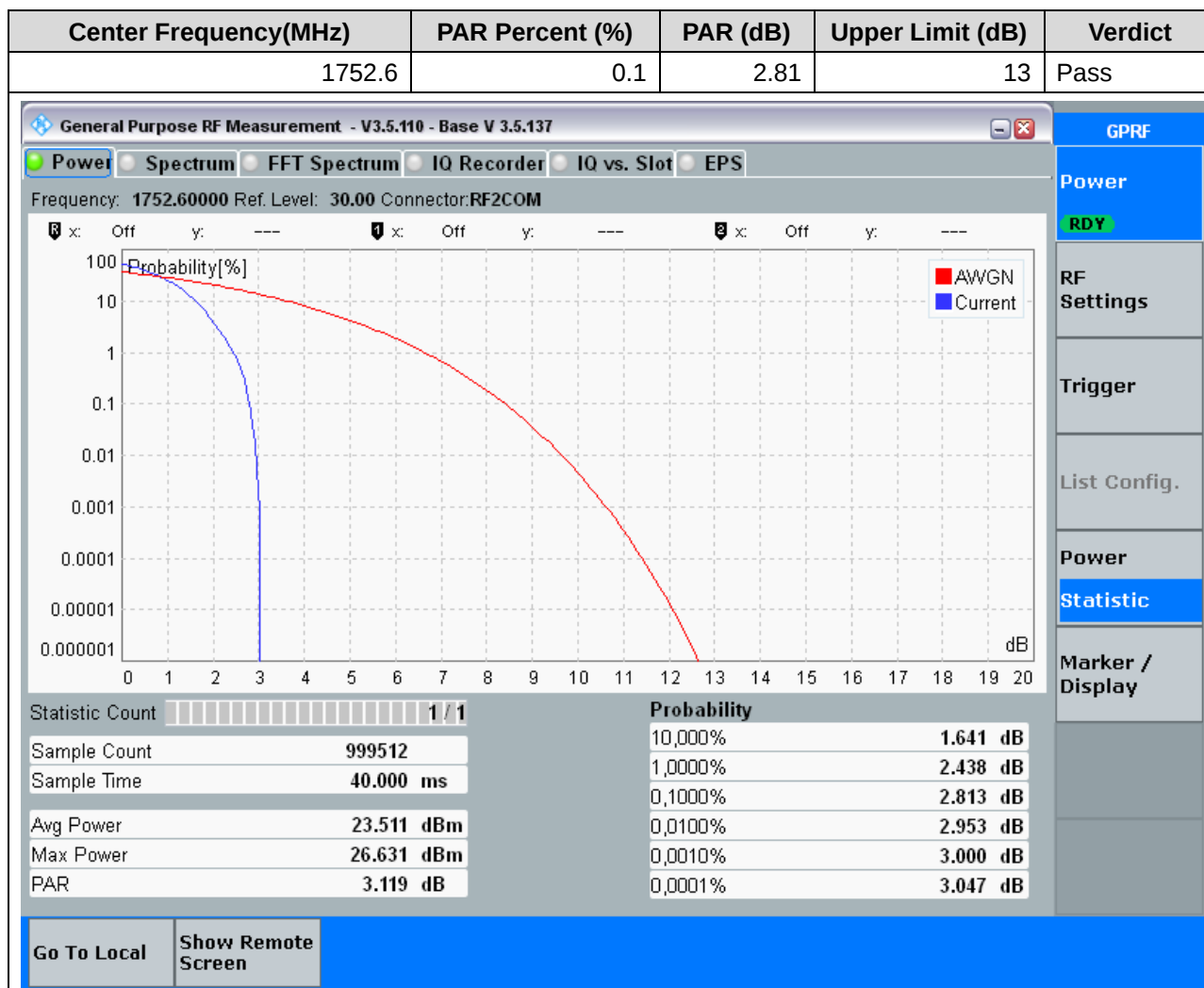
5.1. WCDMA Peak to Average Ratio(NTNV)(Channel:1312)



5.2. WCDMA Peak to Average Ratio(NTNV)(Channel:1412)

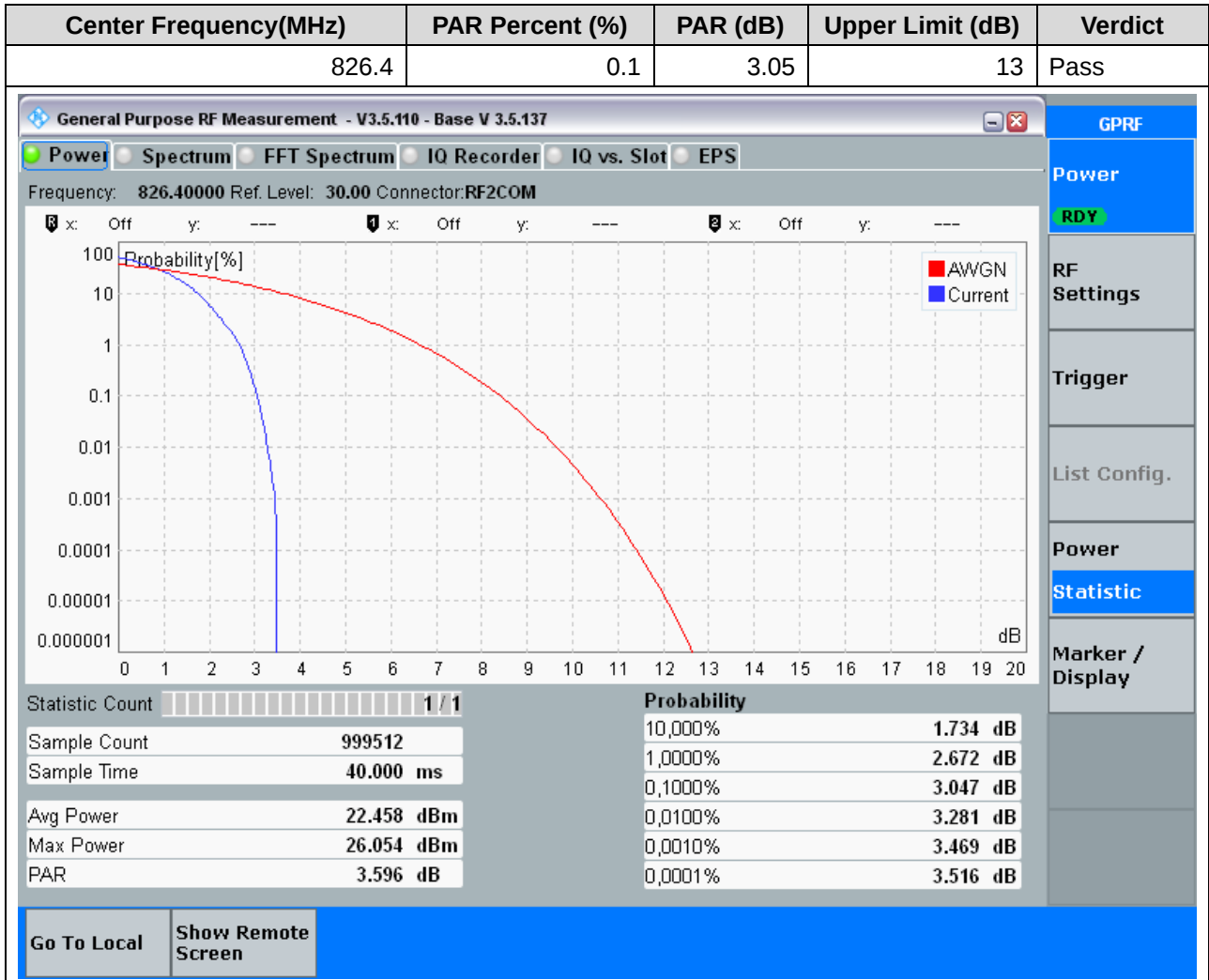


5.3. WCDMA Peak to Average Ratio(NTNV)(Channel:1513)

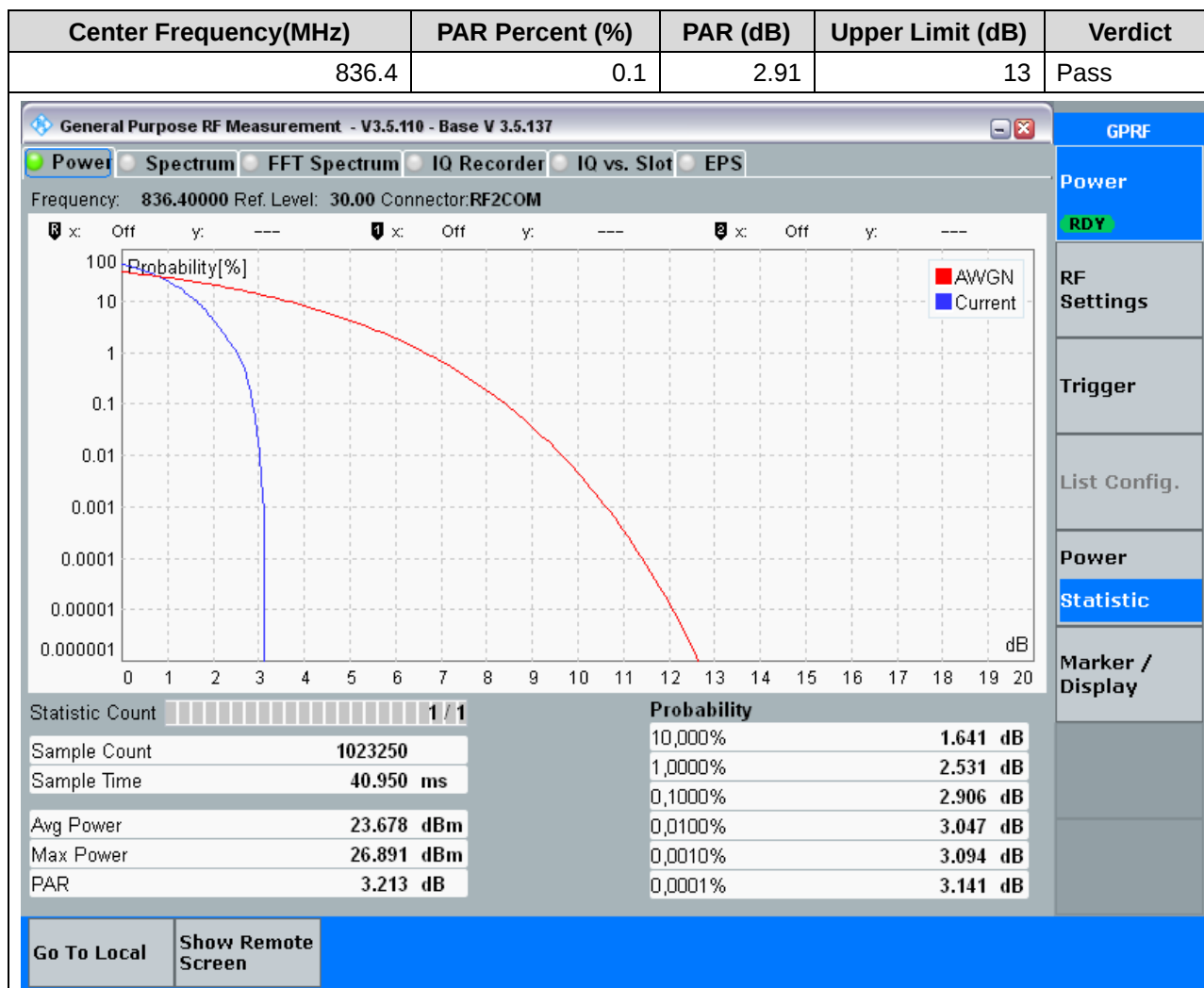


6. WCDMA_Band5

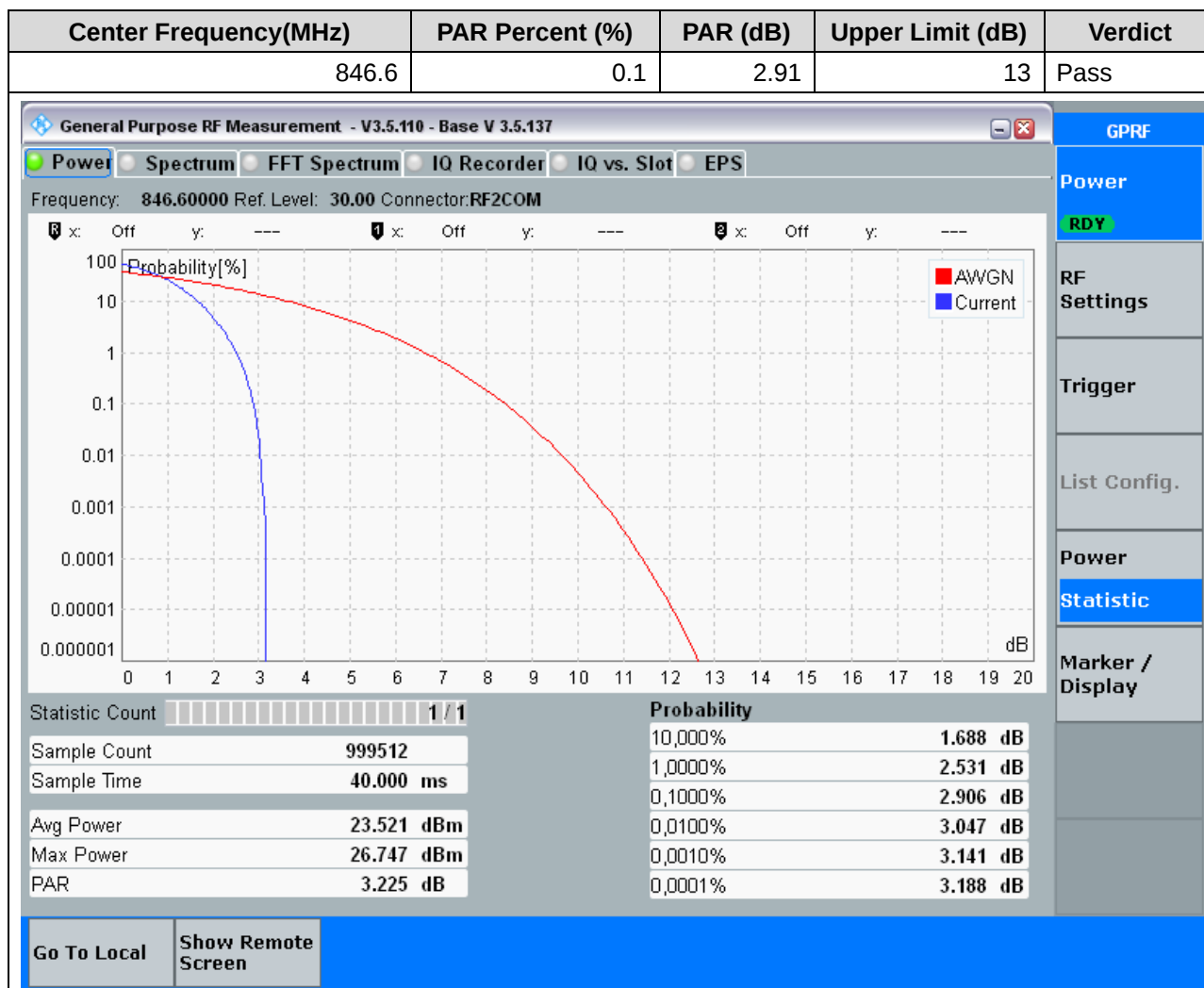
6.1. WCDMA Peak to Average Ratio(NTNV)(Channel:4132)



6.2. WCDMA Peak to Average Ratio(NTNV)(Channel:4182)

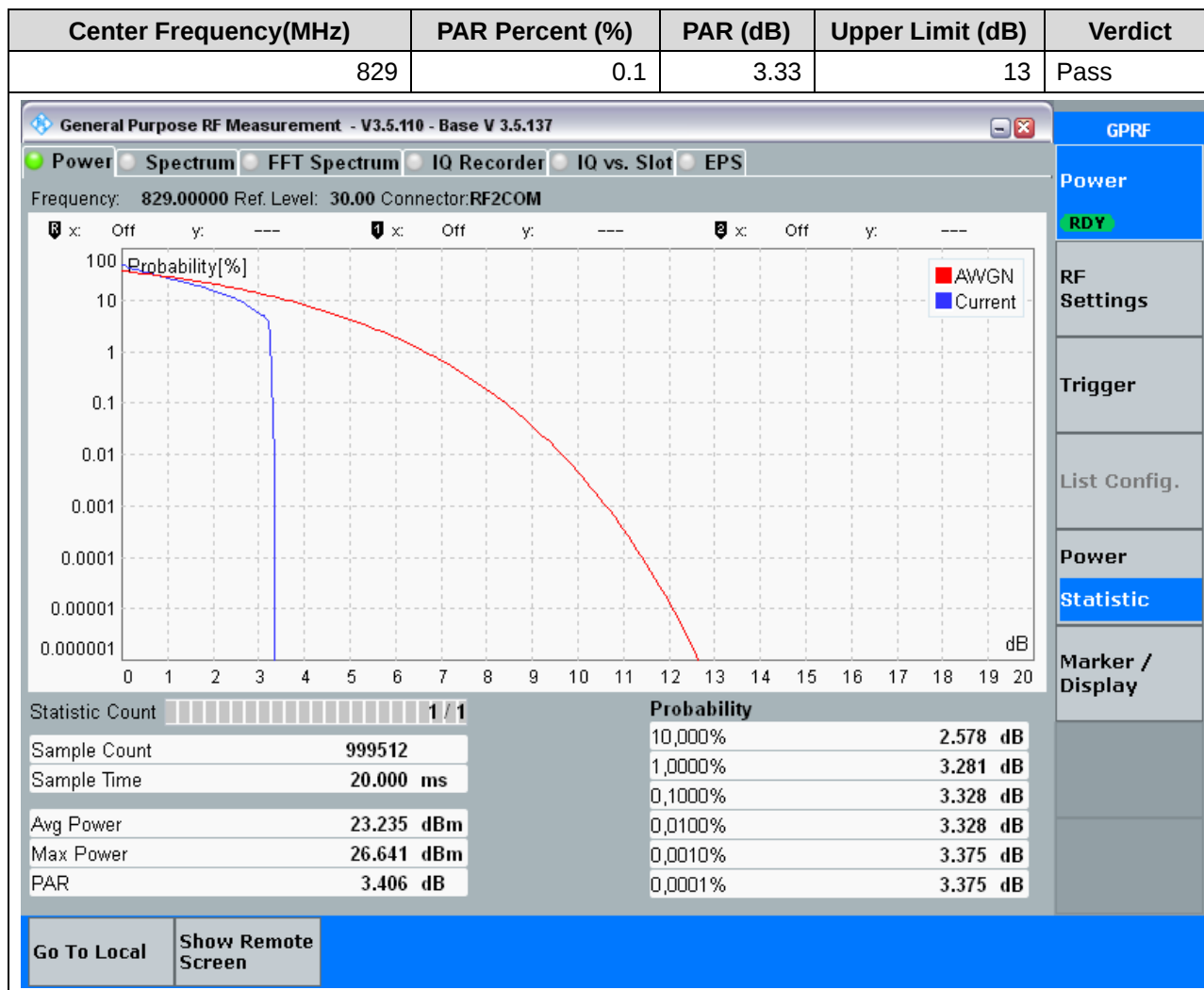


6.3. WCDMA Peak to Average Ratio(NTNV)(Channel:4233)

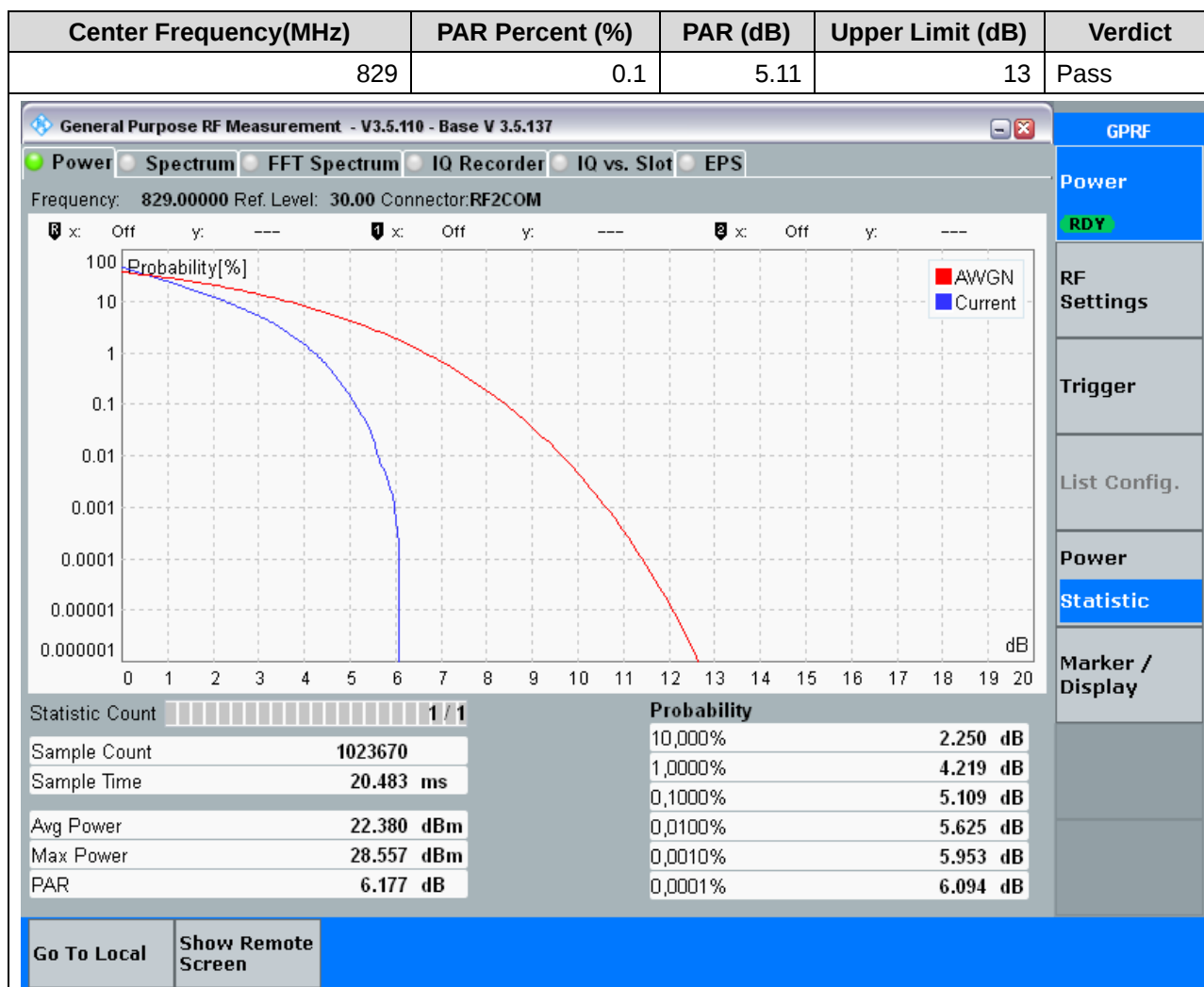


7. LTE_Band5

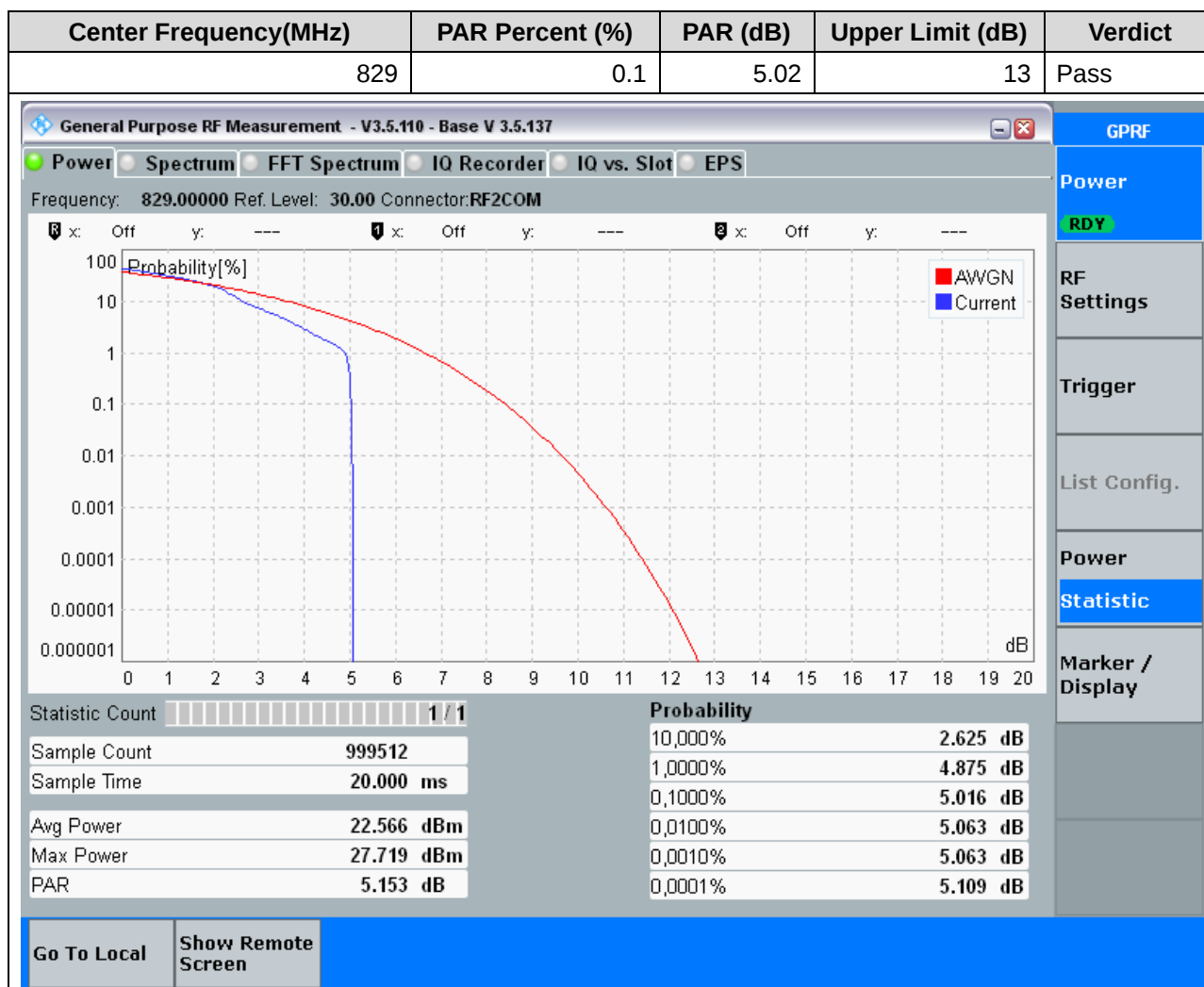
7.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



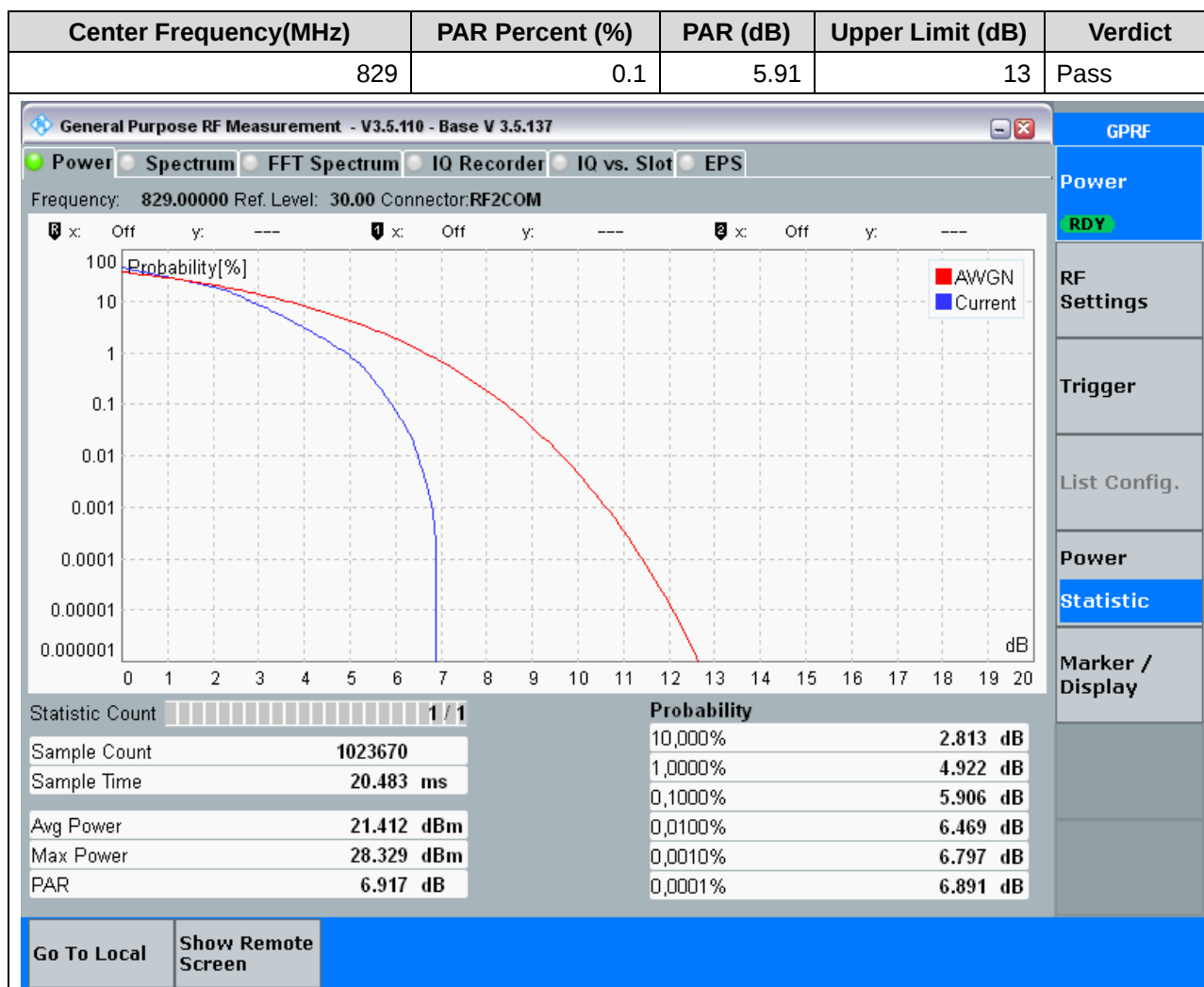
7.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



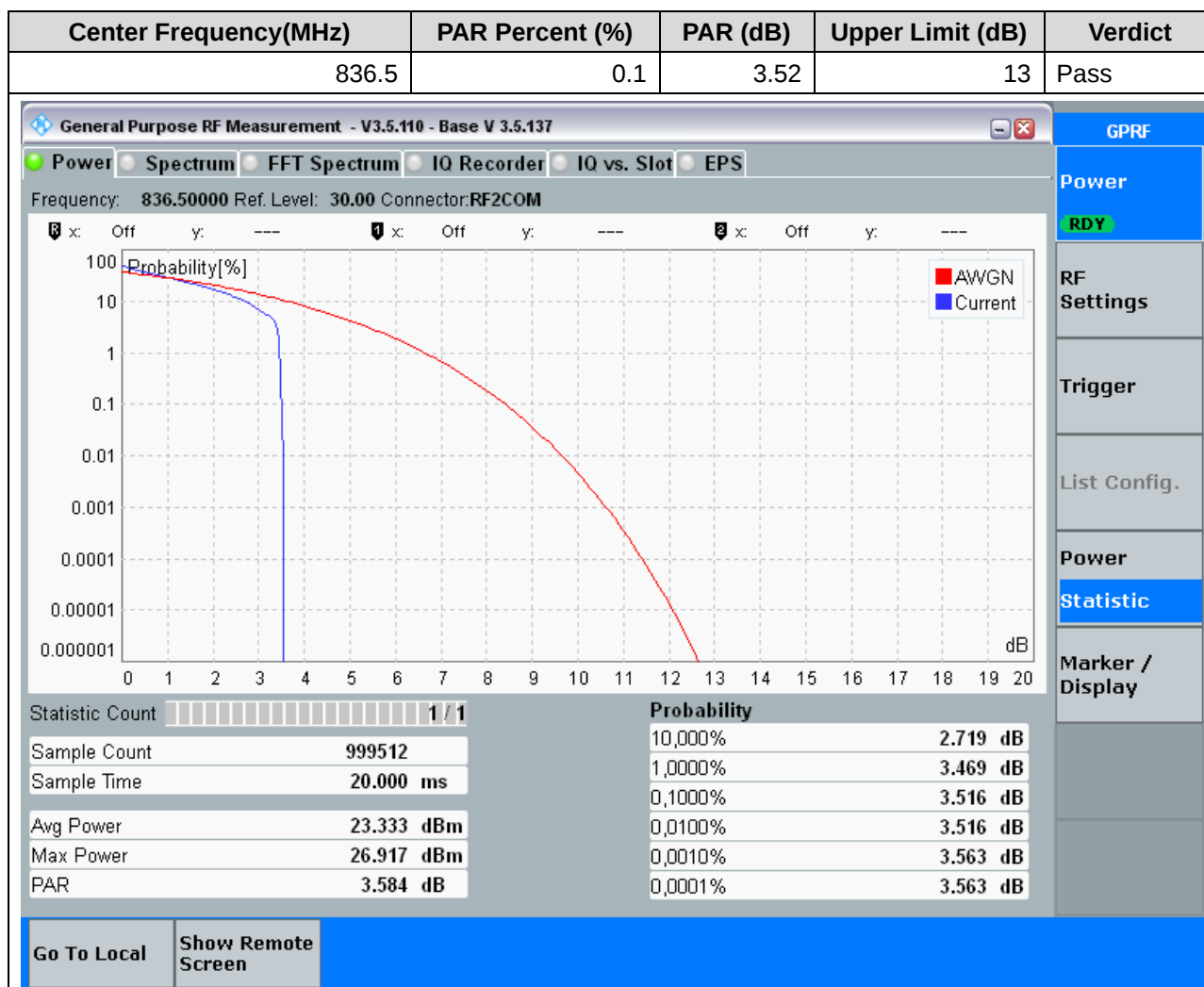
7.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



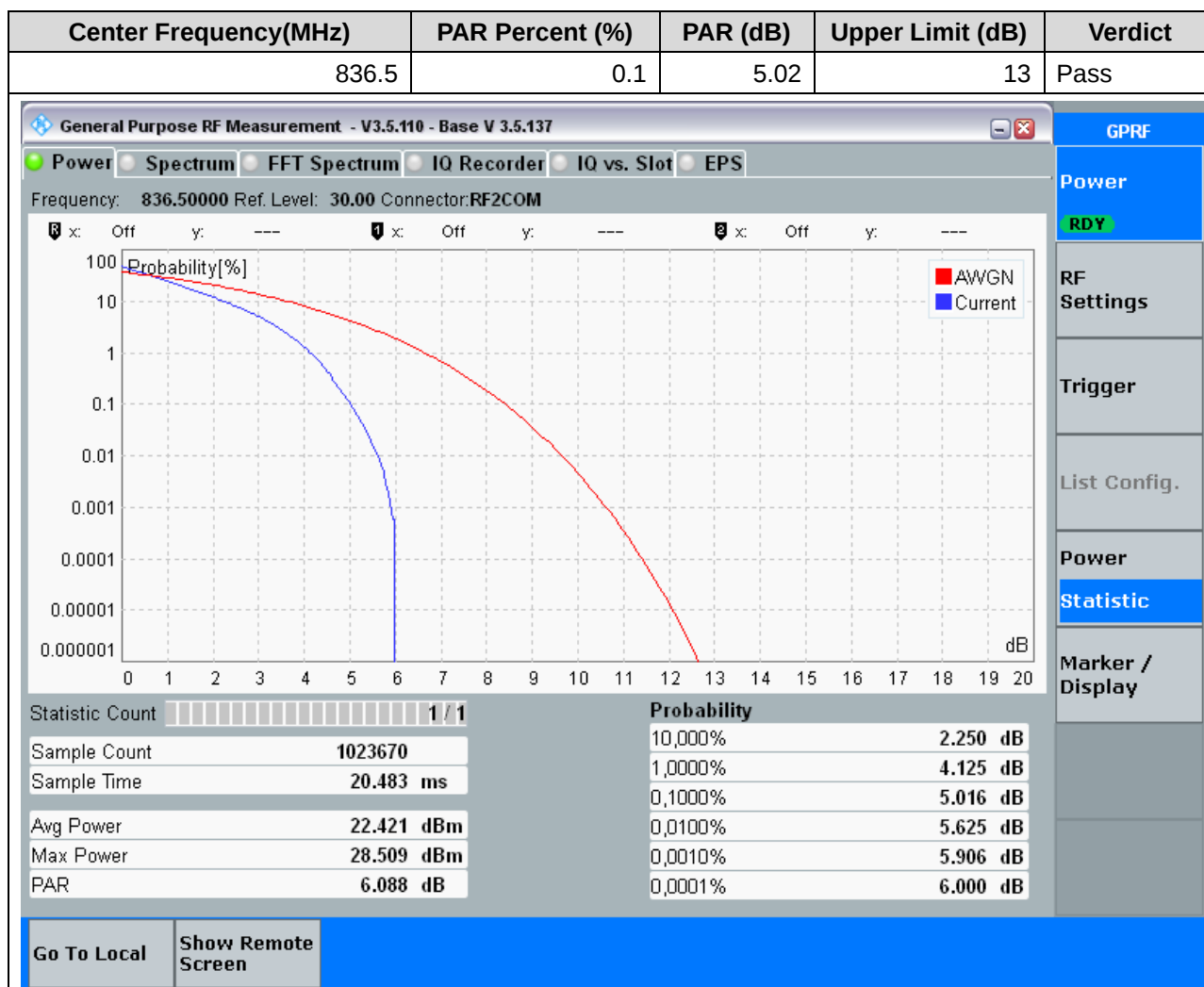
7.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



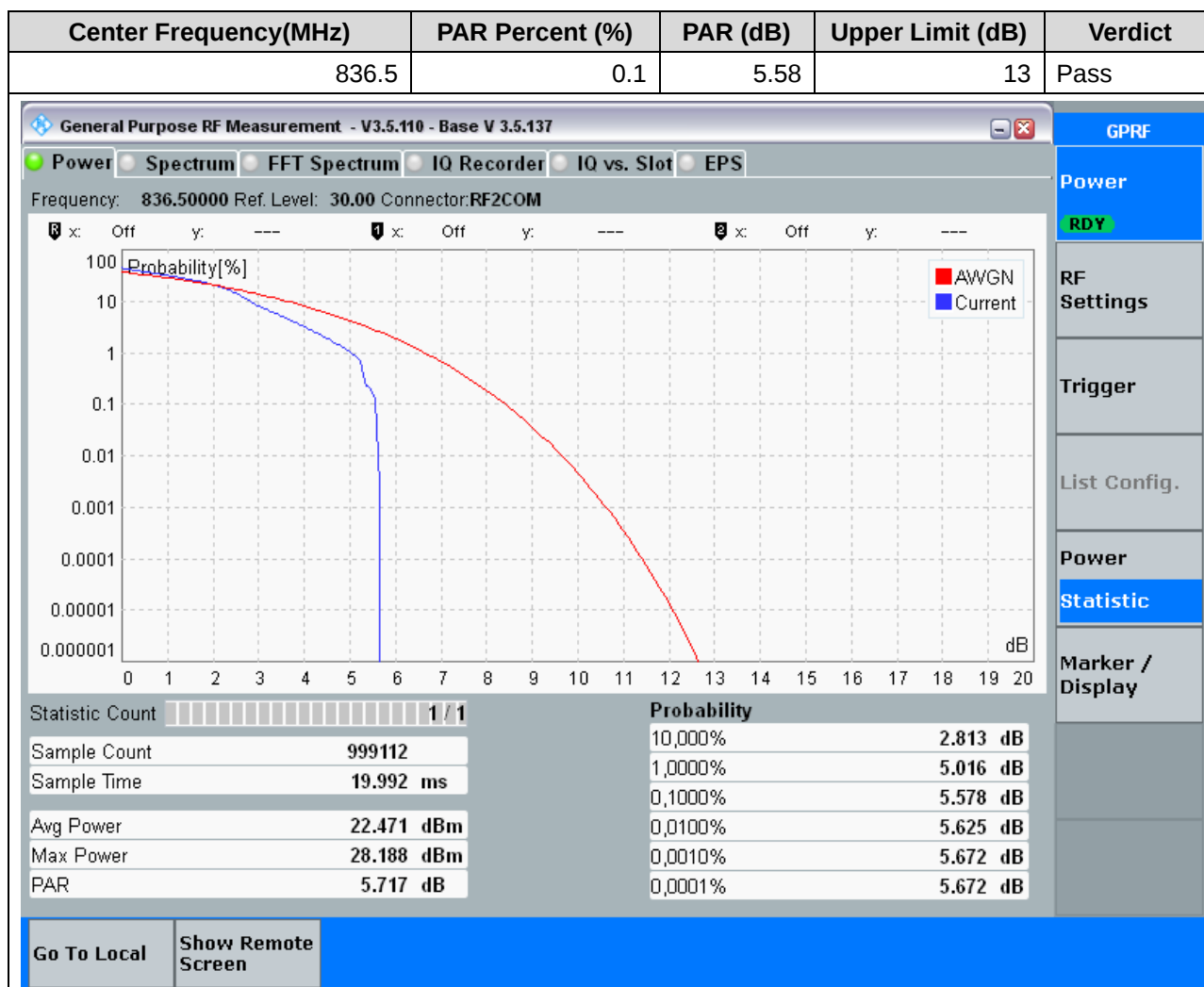
7.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



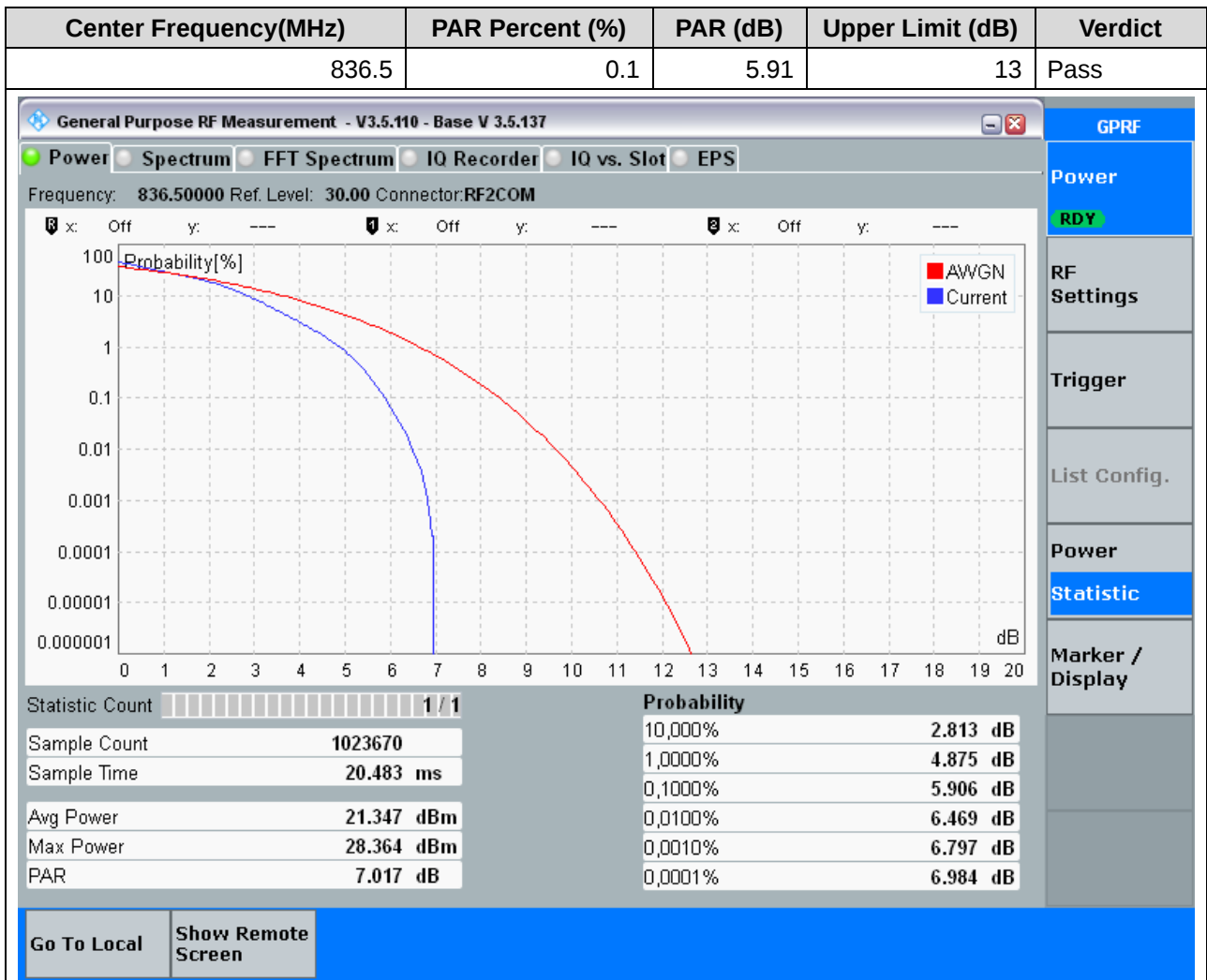
7.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



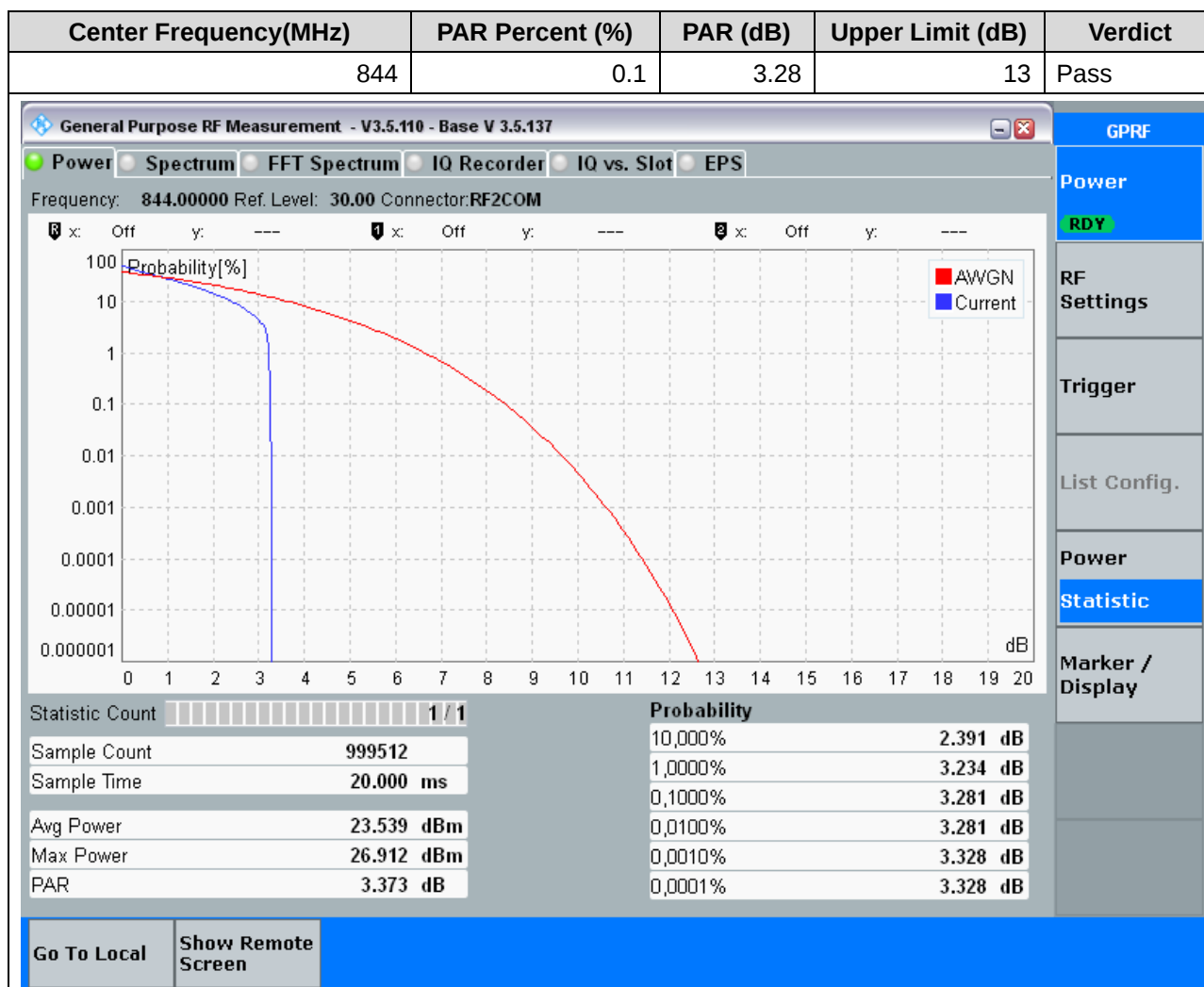
7.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



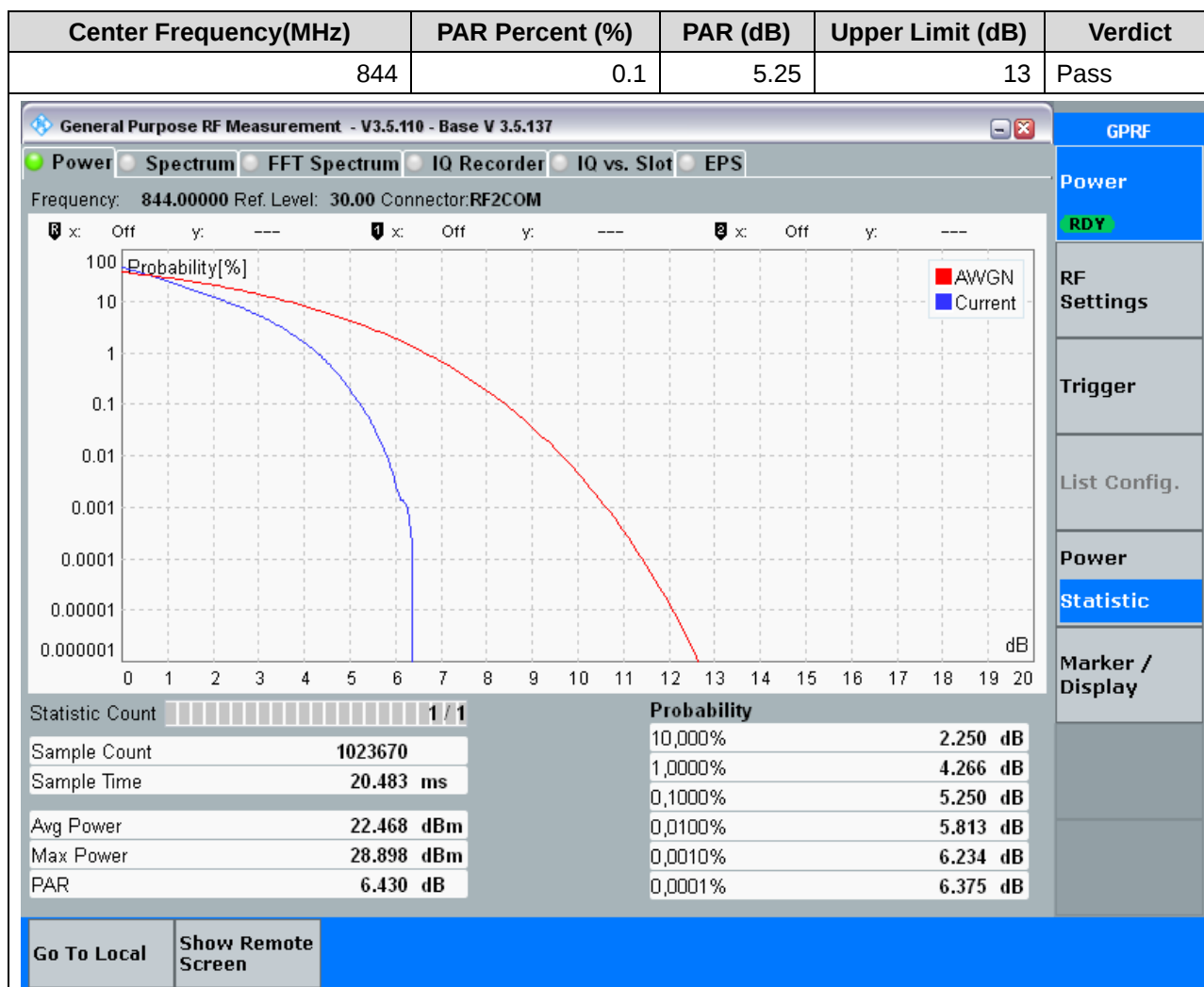
7.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



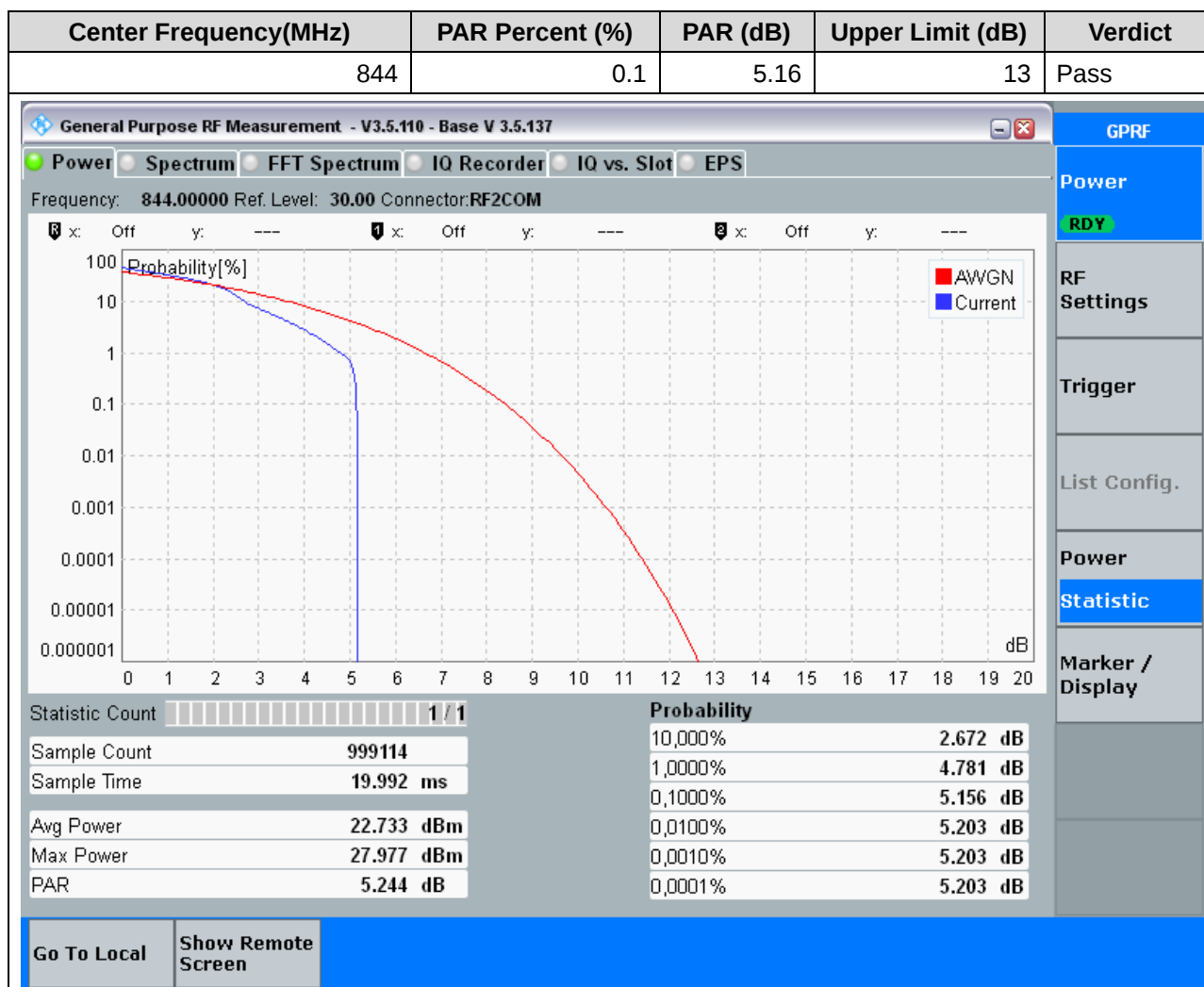
7.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



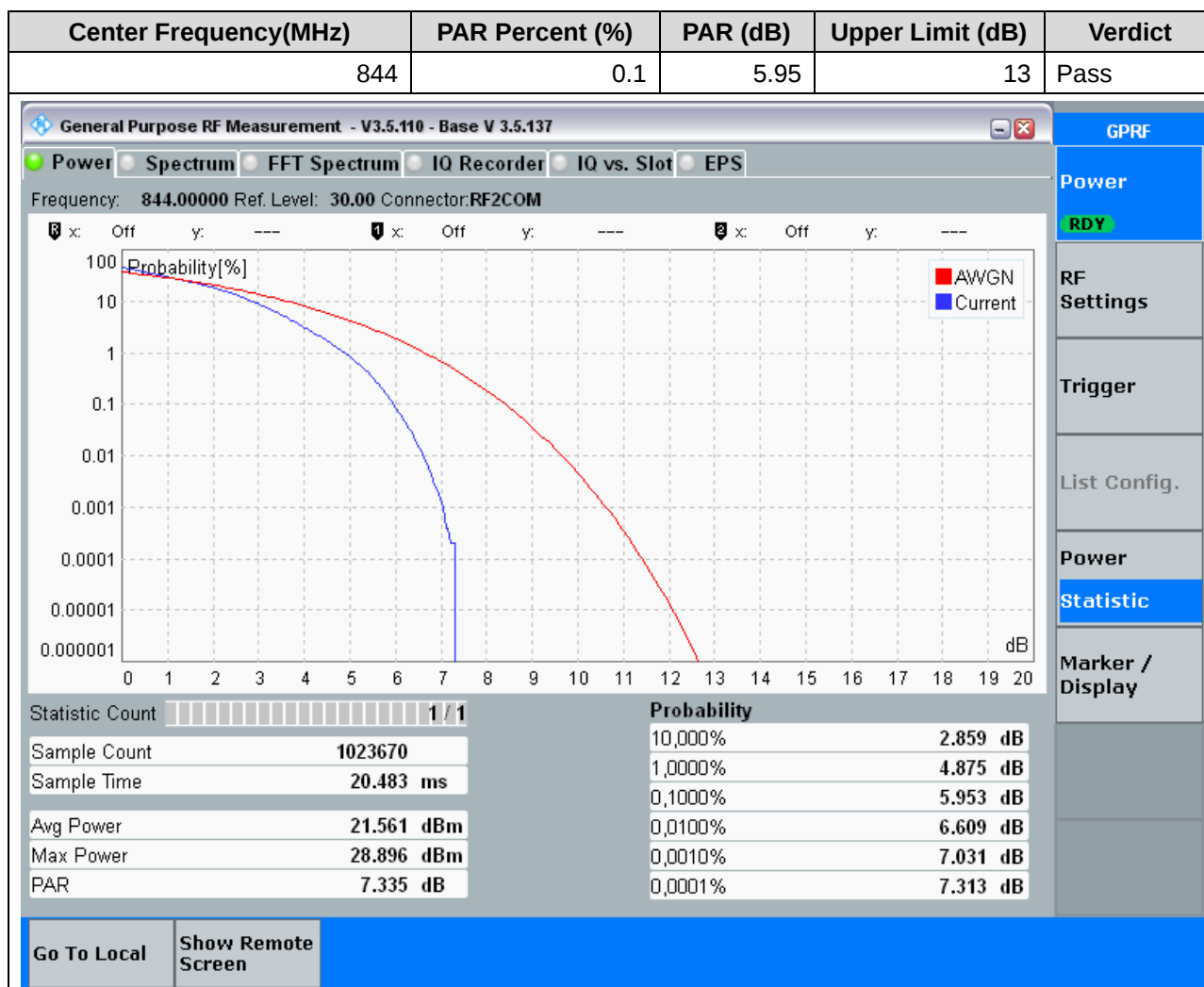
7.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



7.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

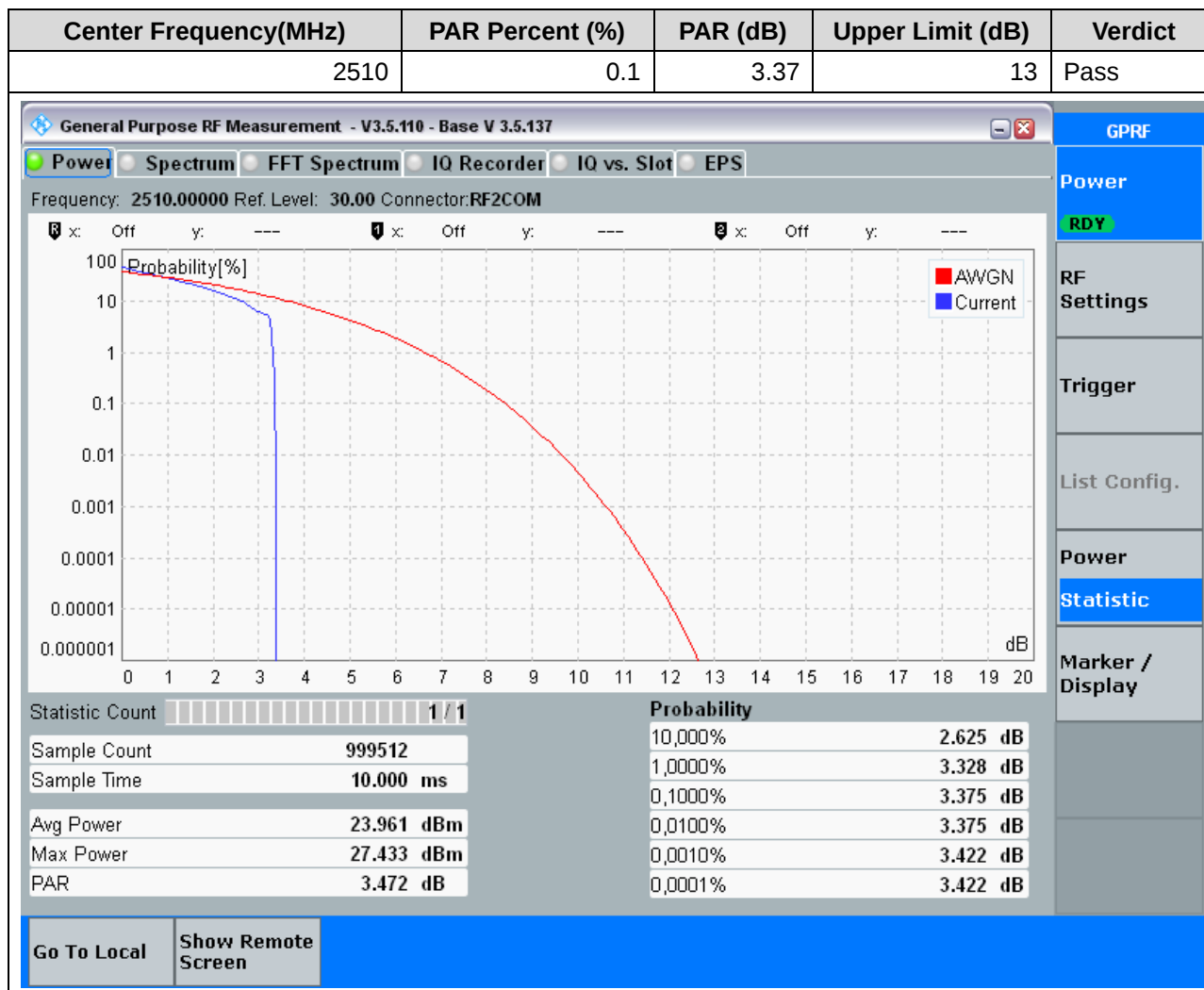


7.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

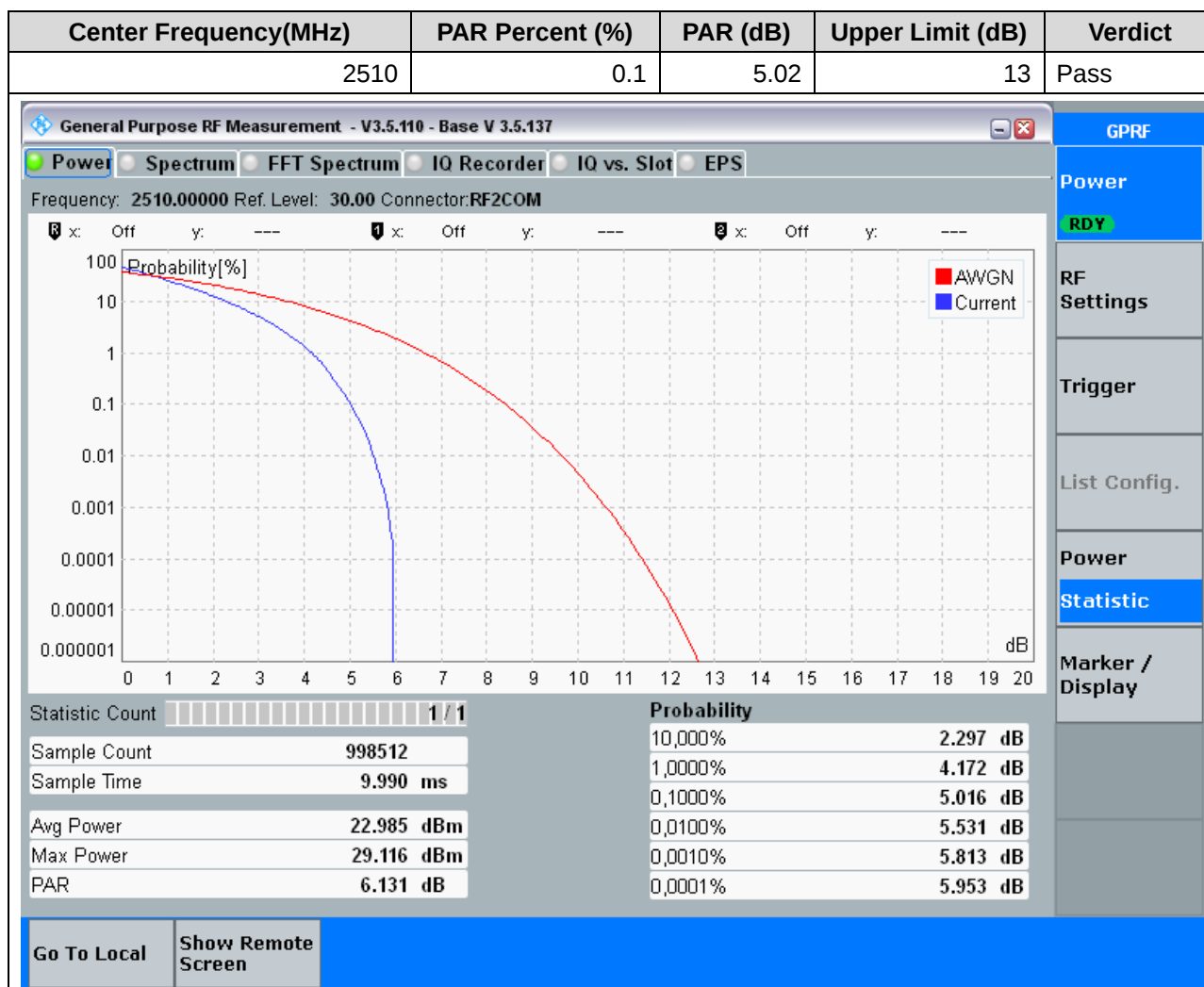


8. LTE_Band7

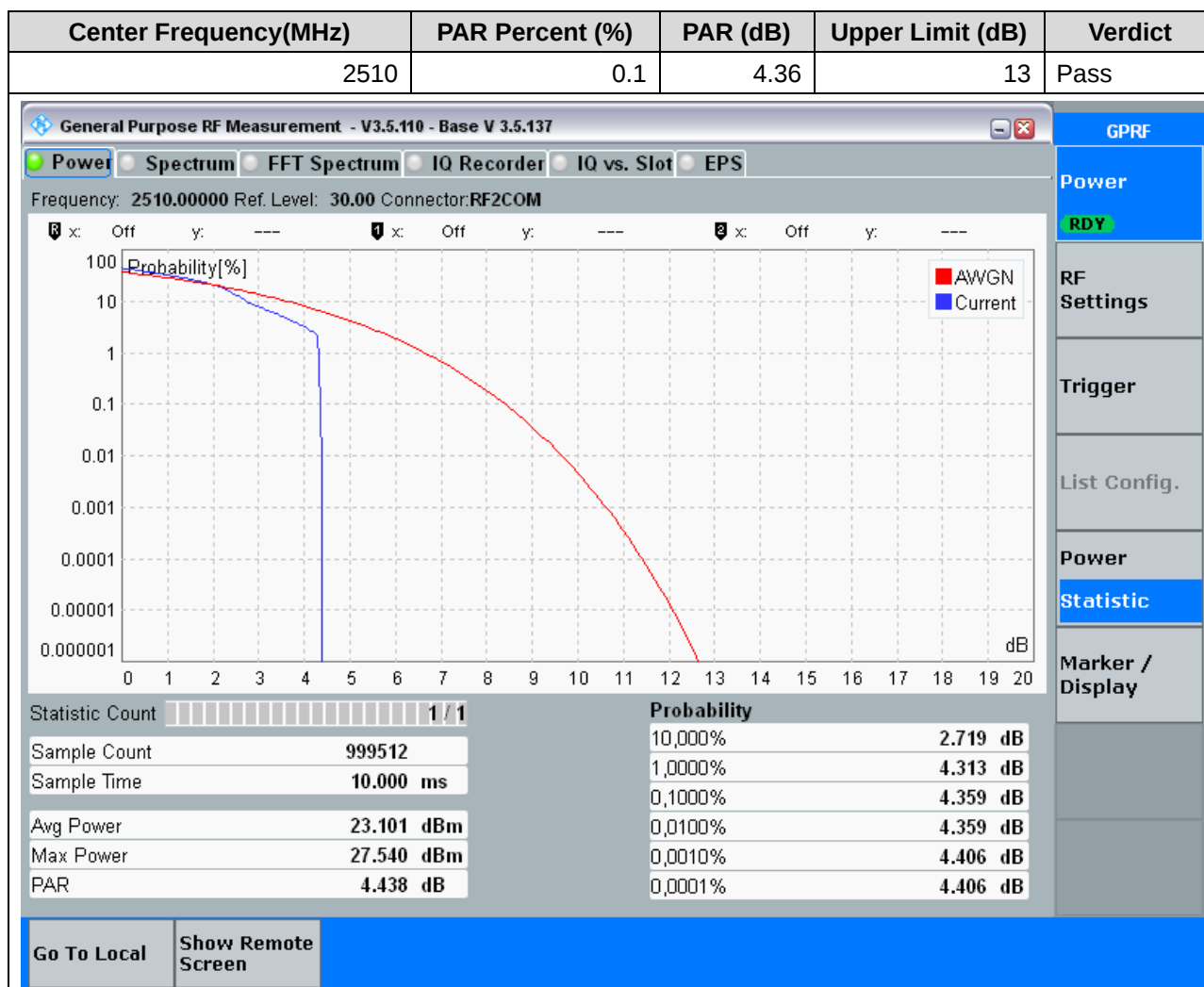
8.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



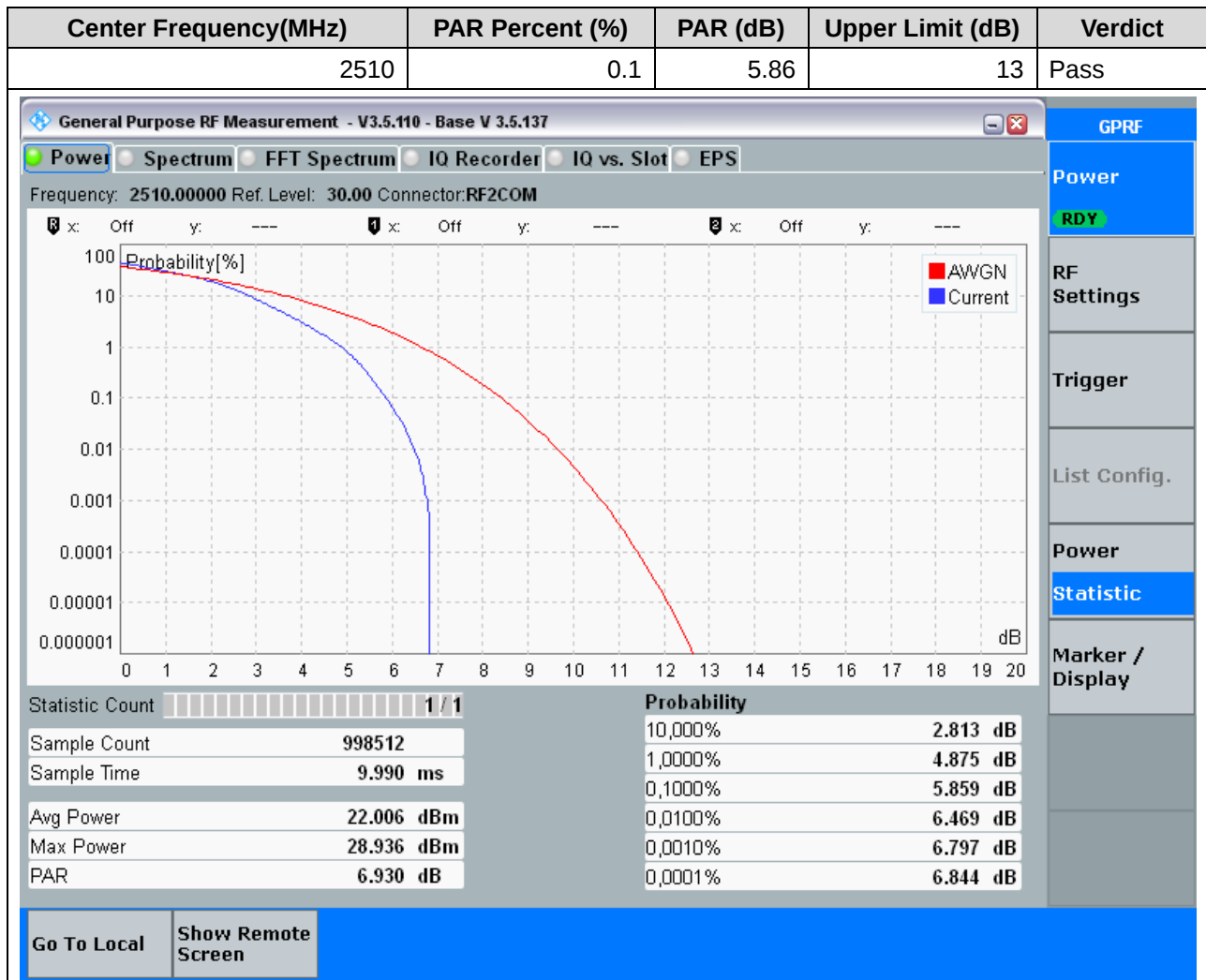
8.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



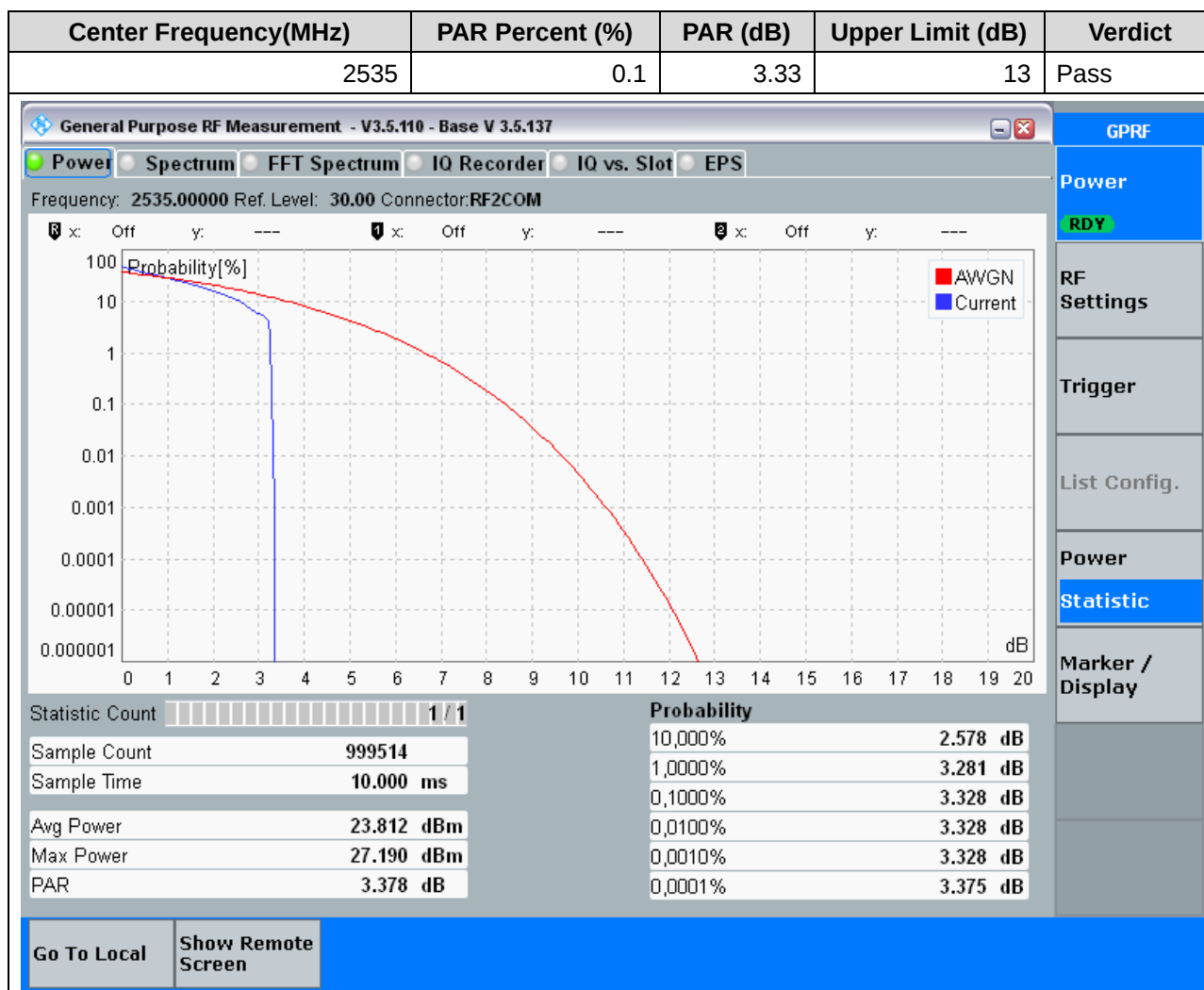
8.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



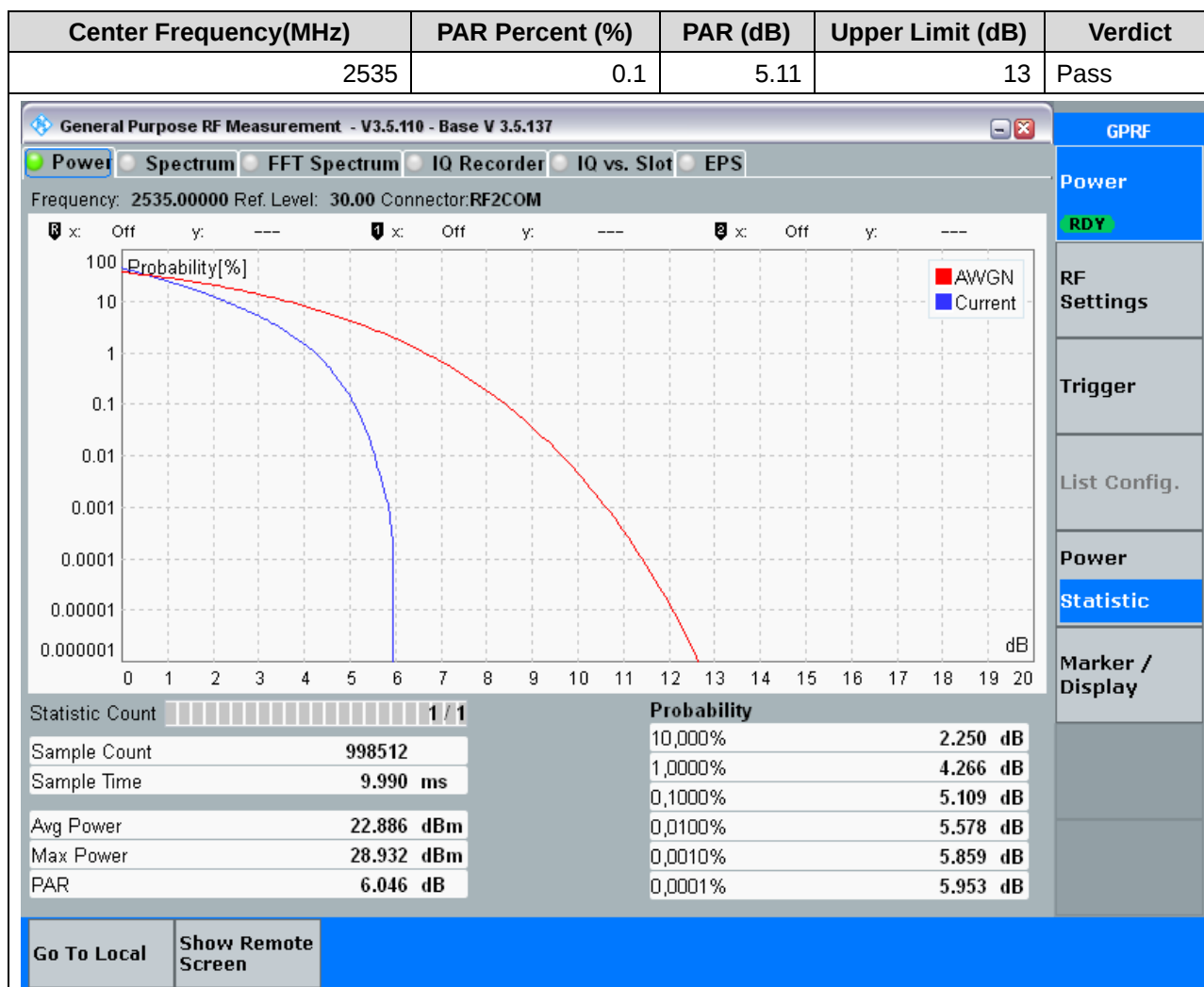
8.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



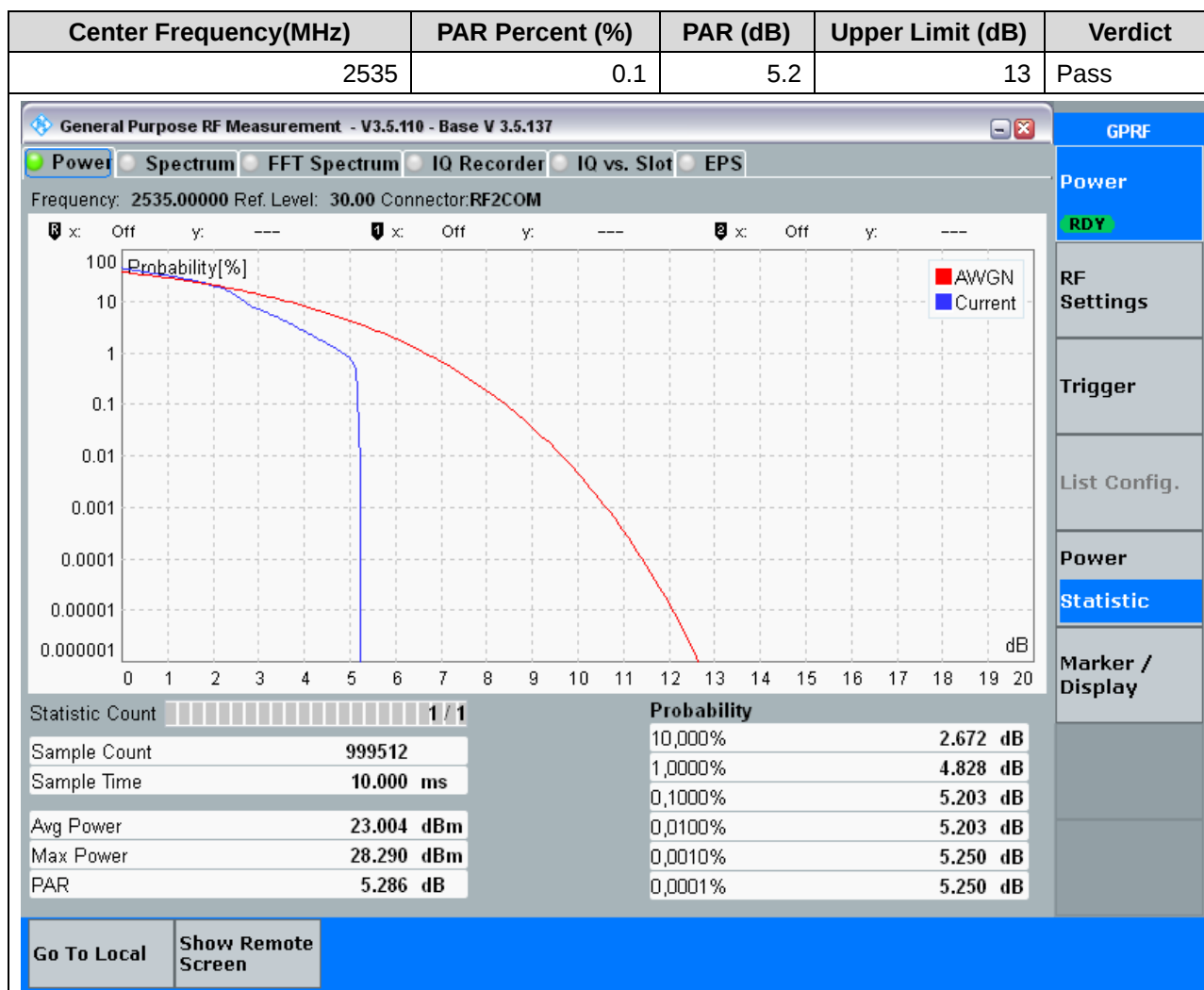
8.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



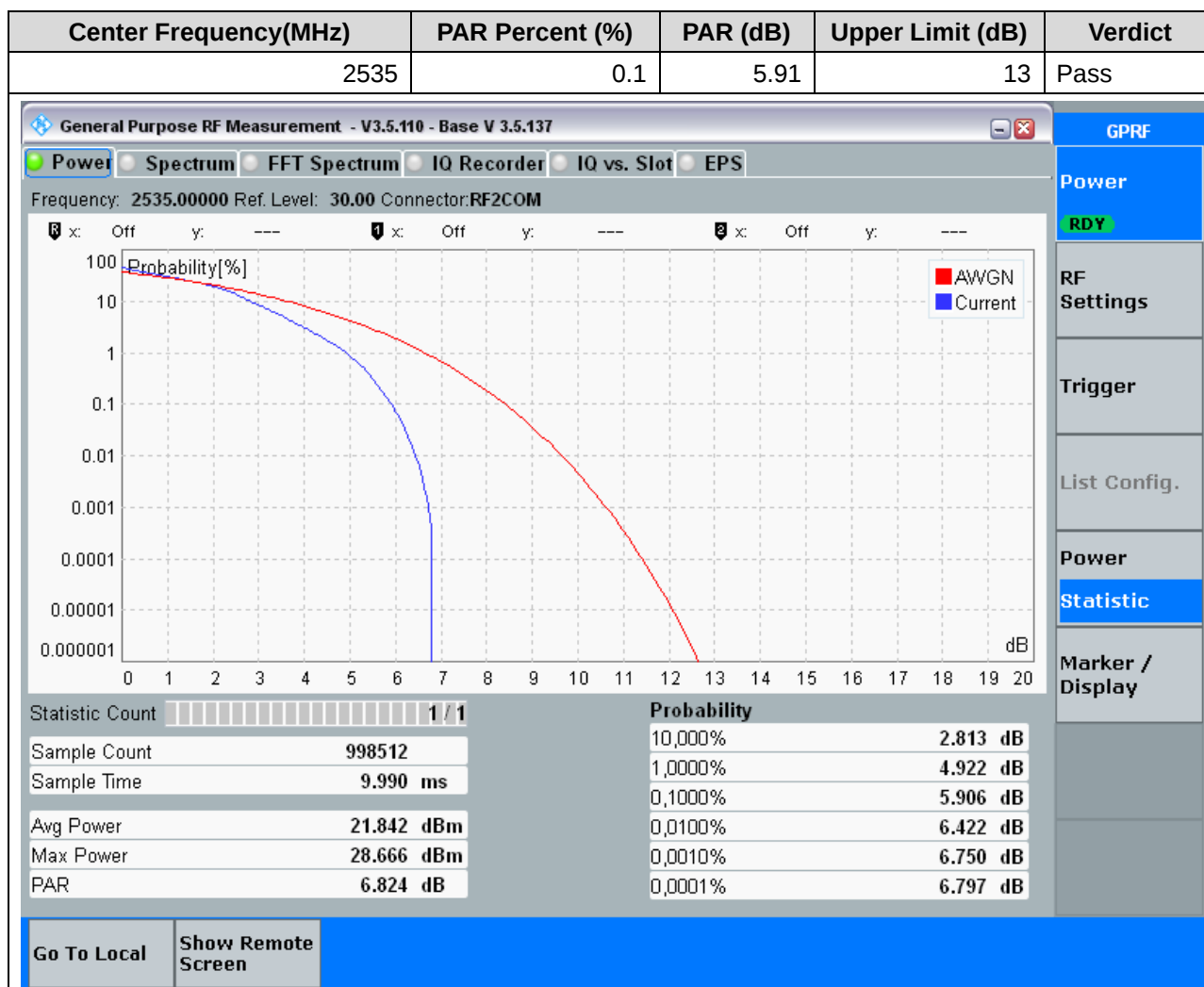
8.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



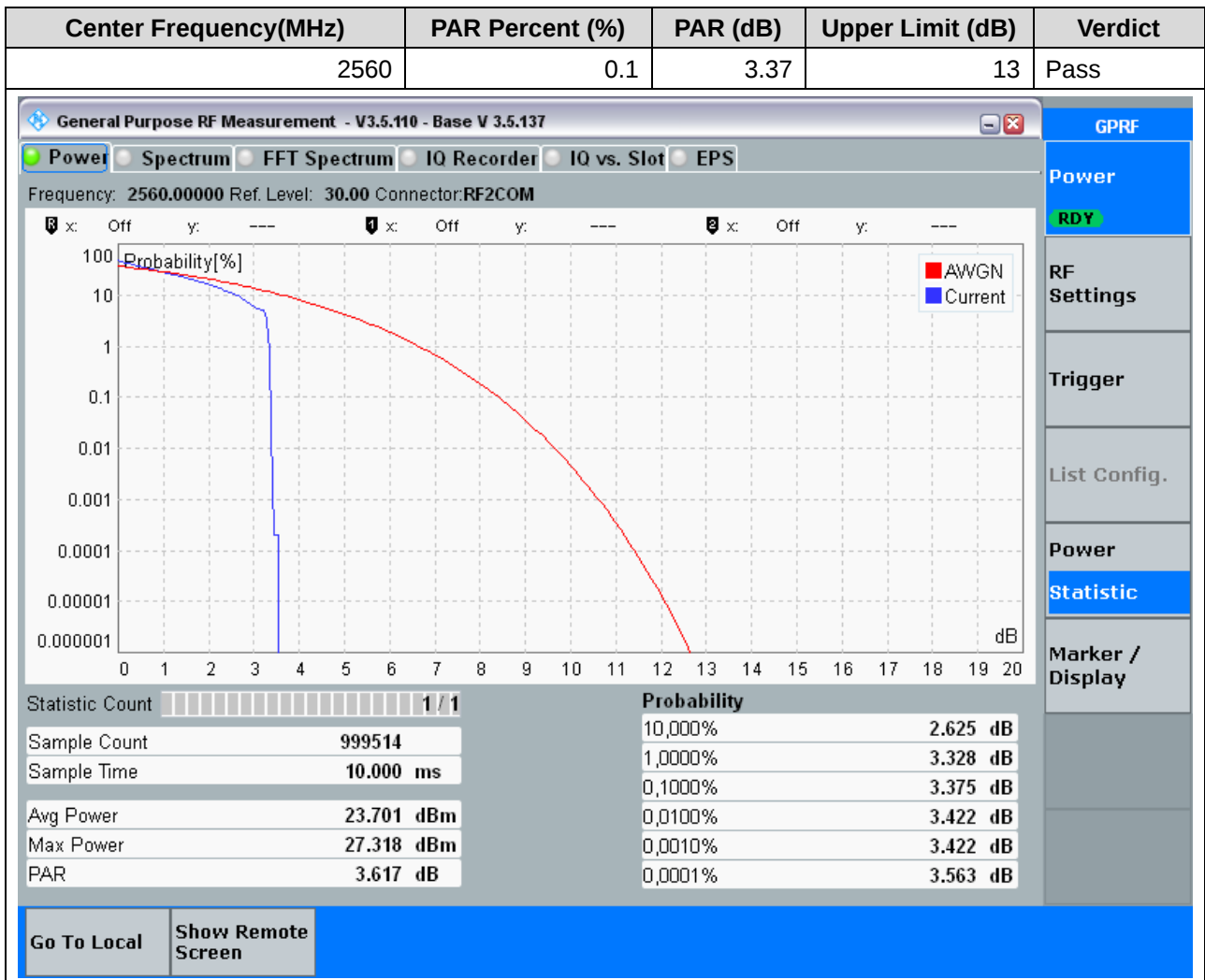
8.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



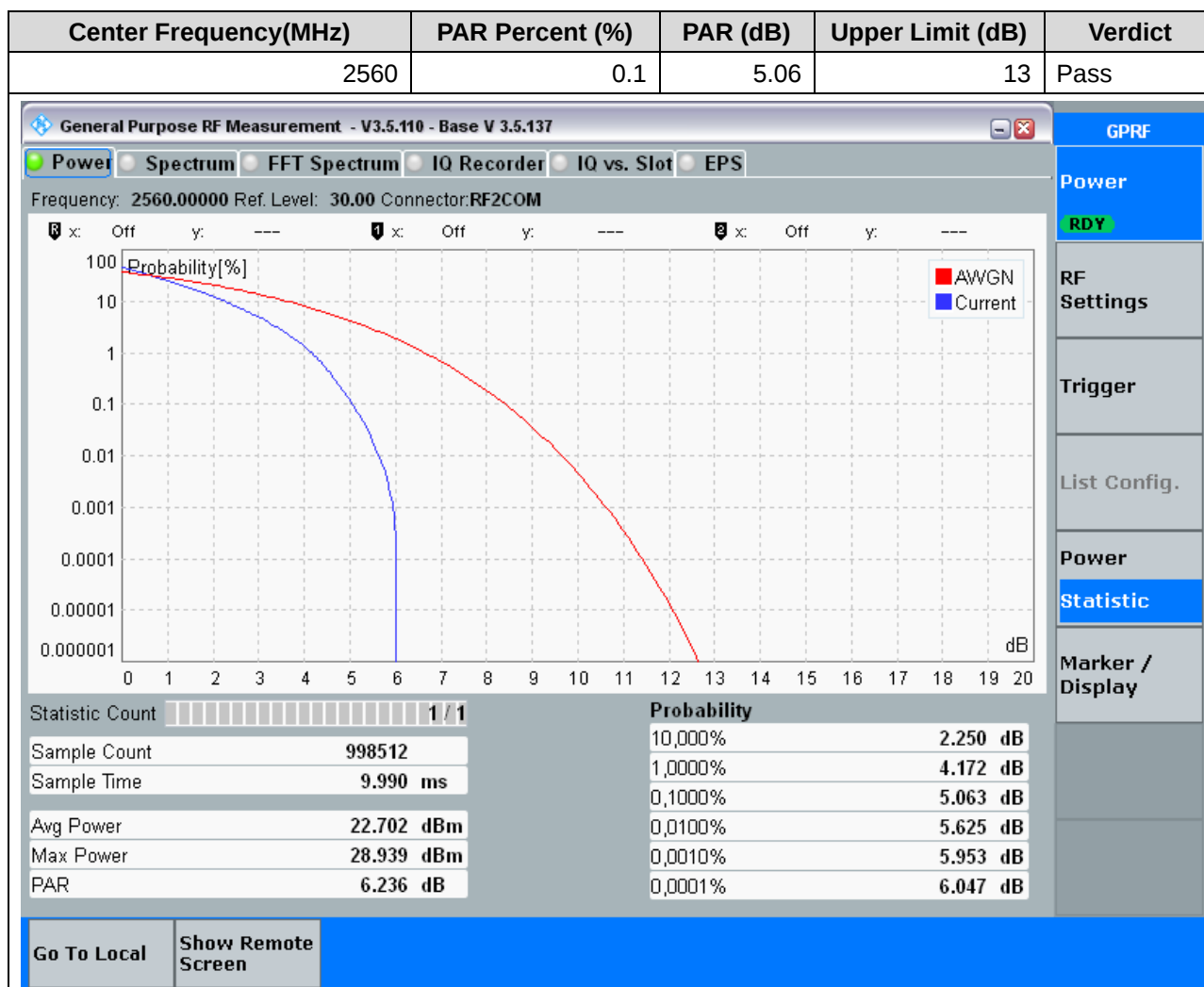
8.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



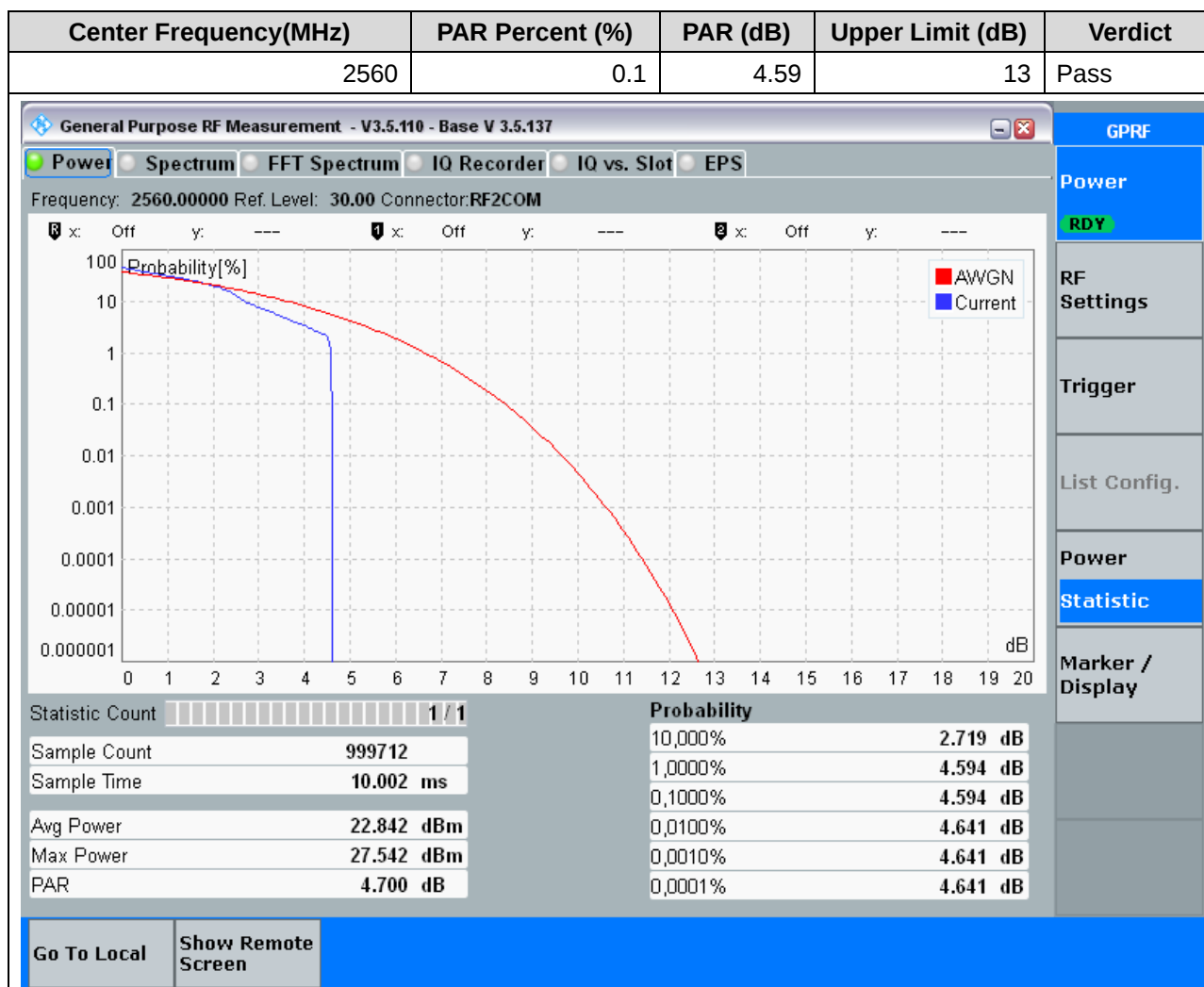
8.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



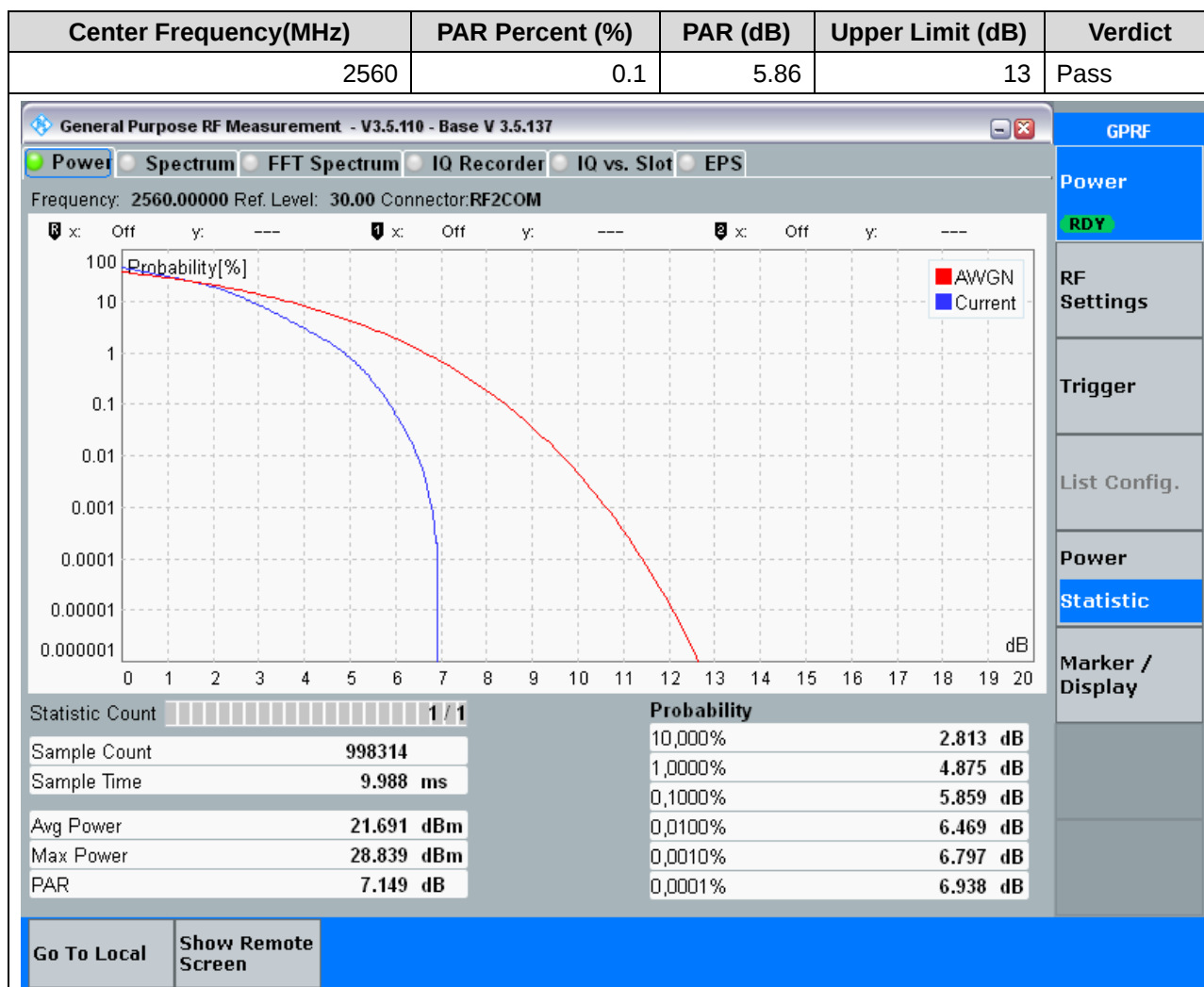
8.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



8.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

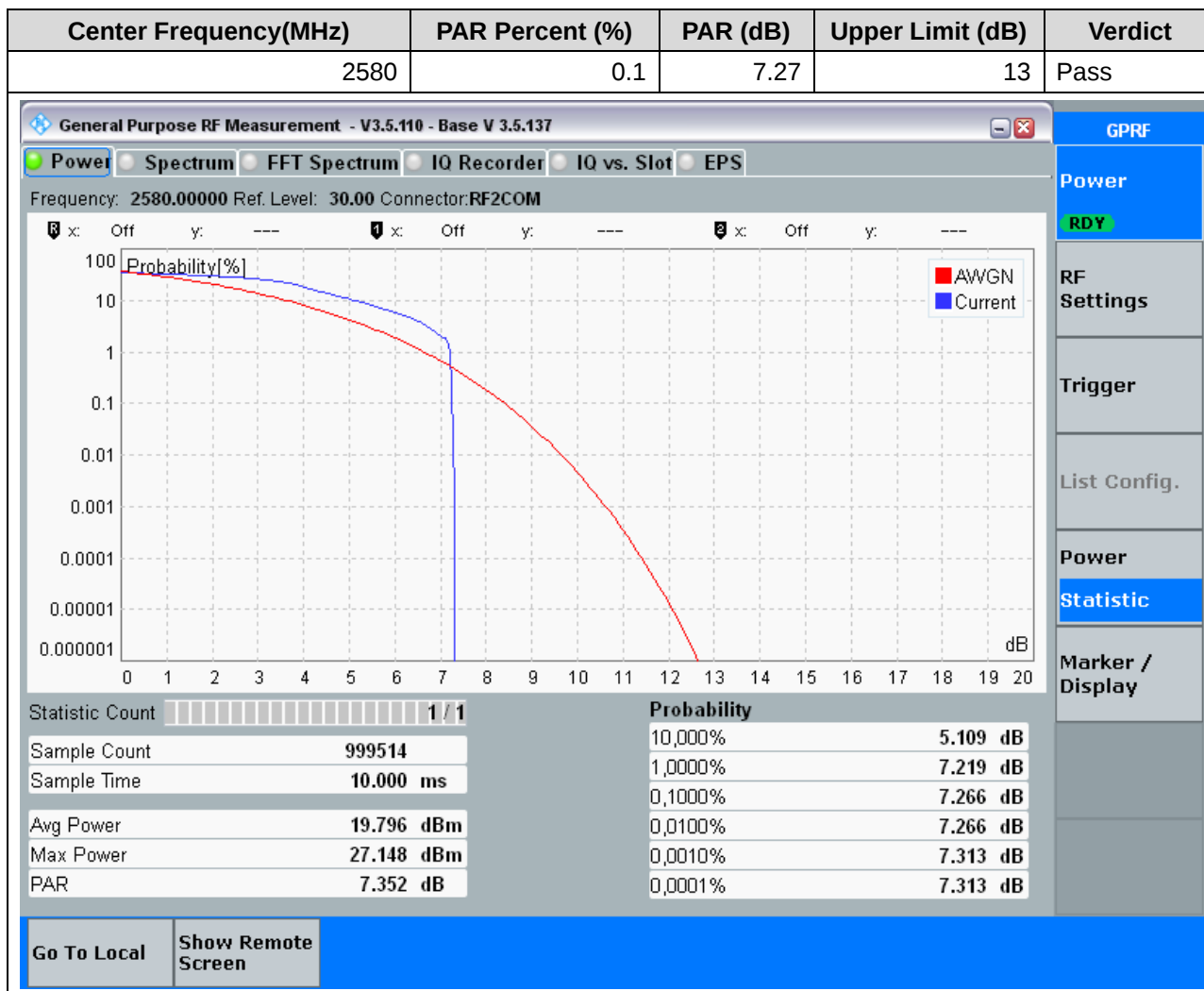


8.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

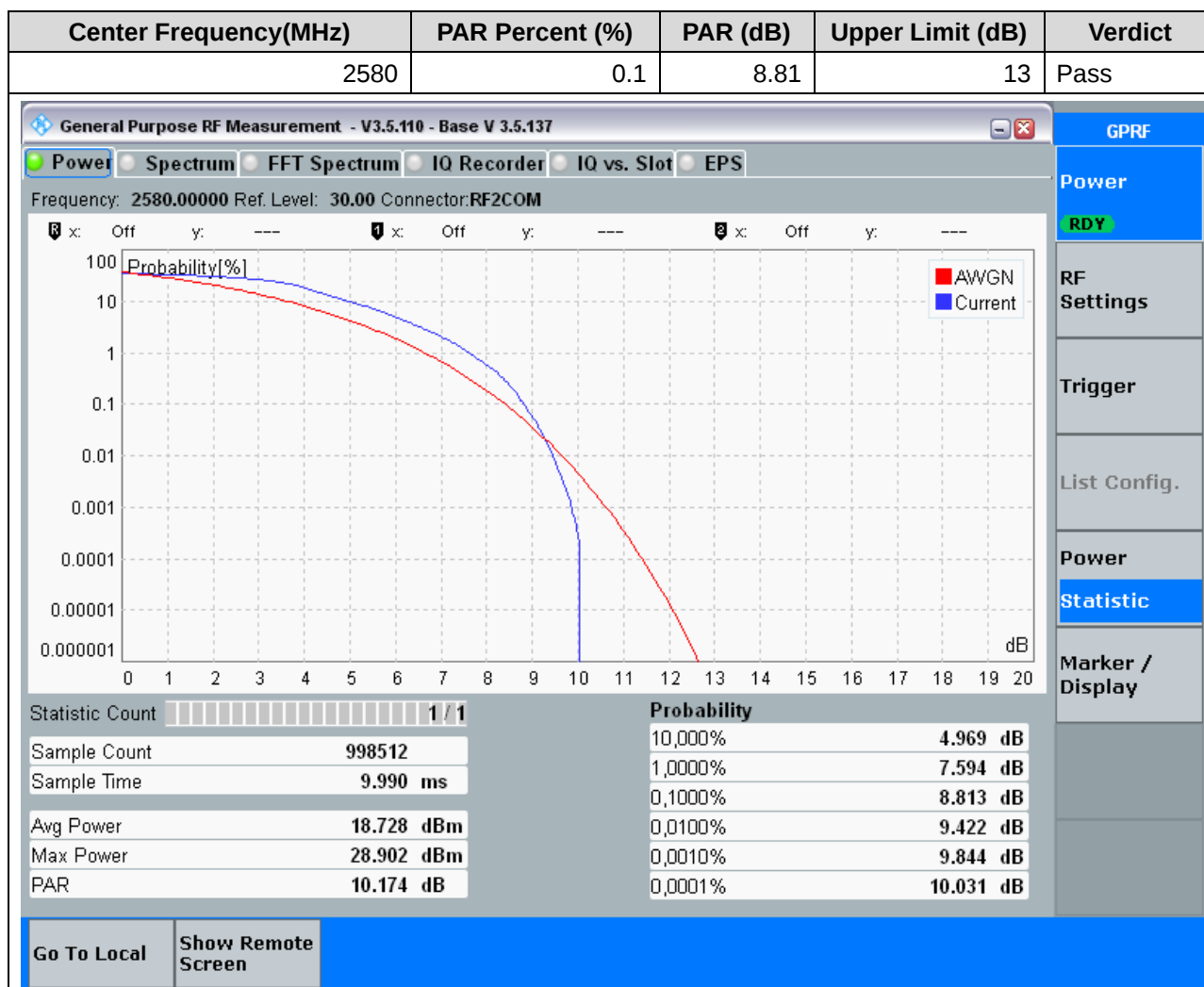


9. LTE_Band38

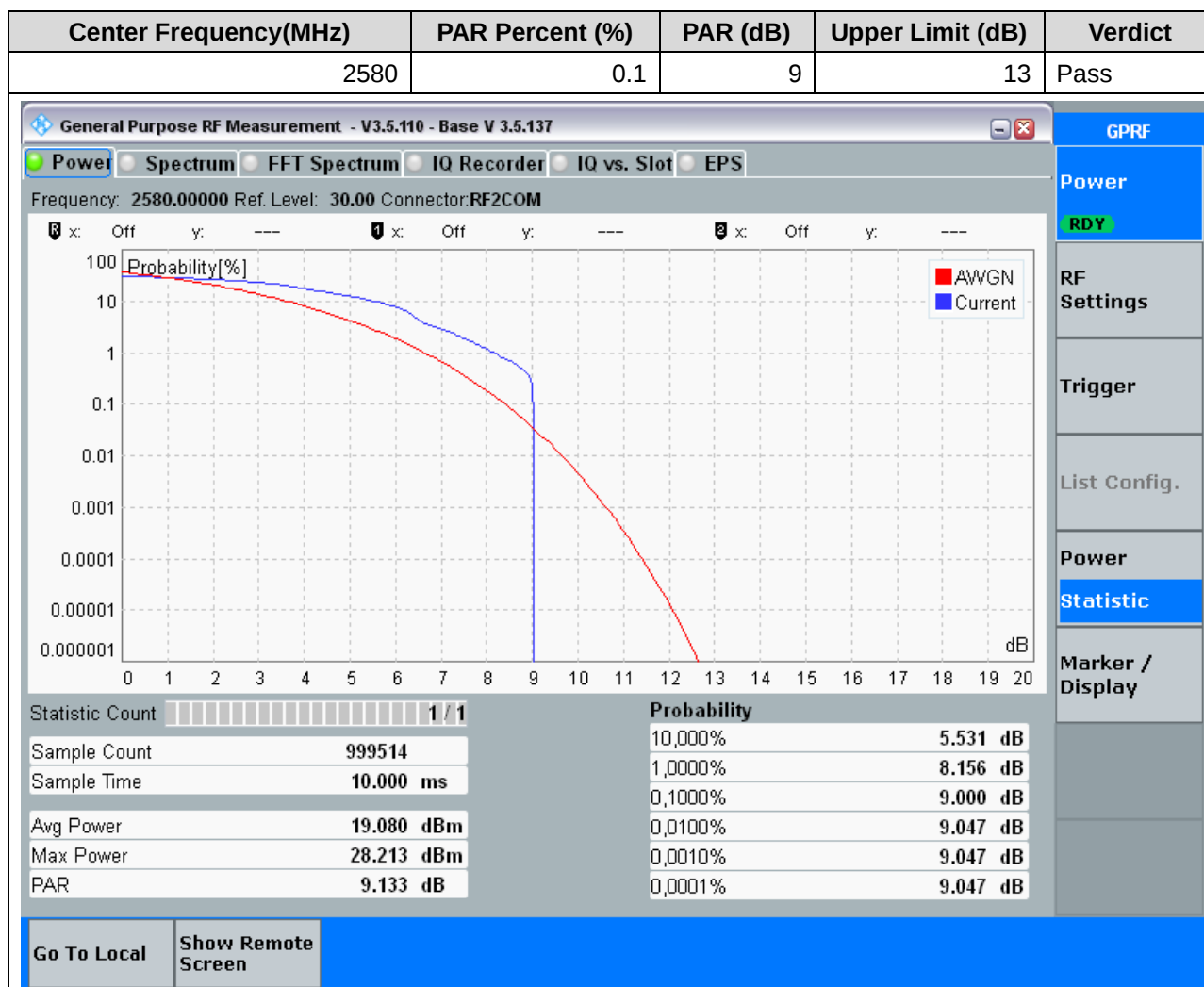
9.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



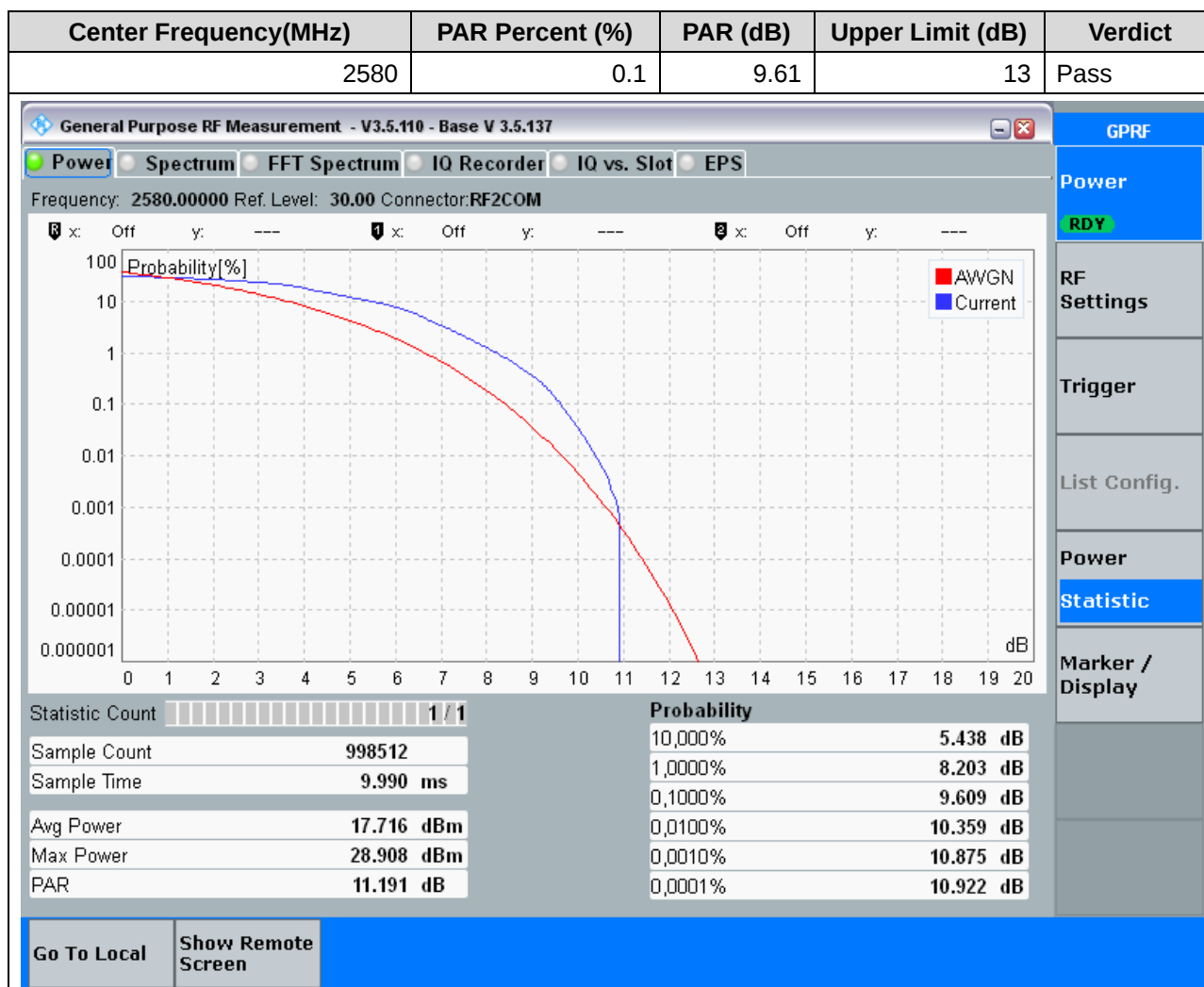
9.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



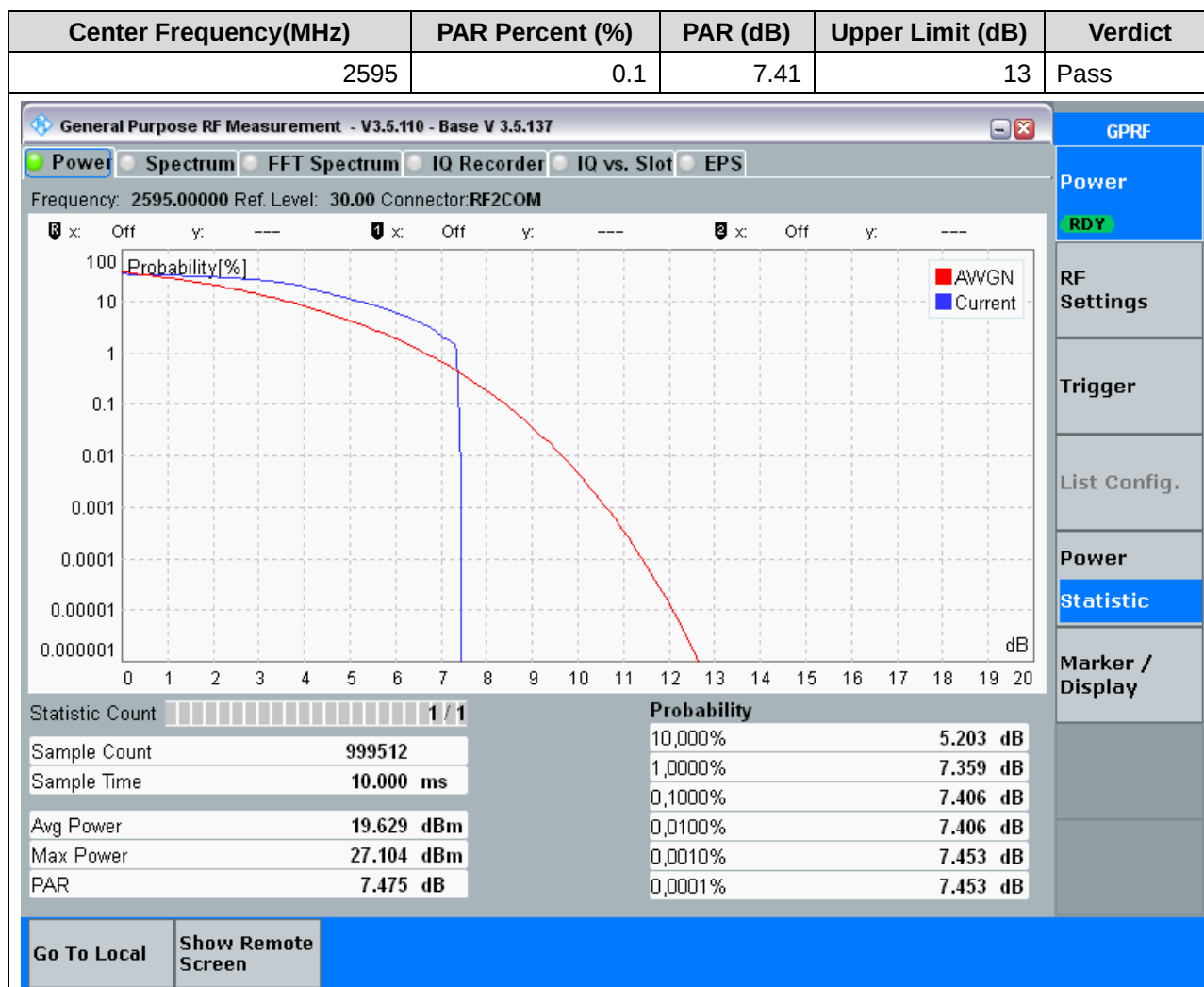
9.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



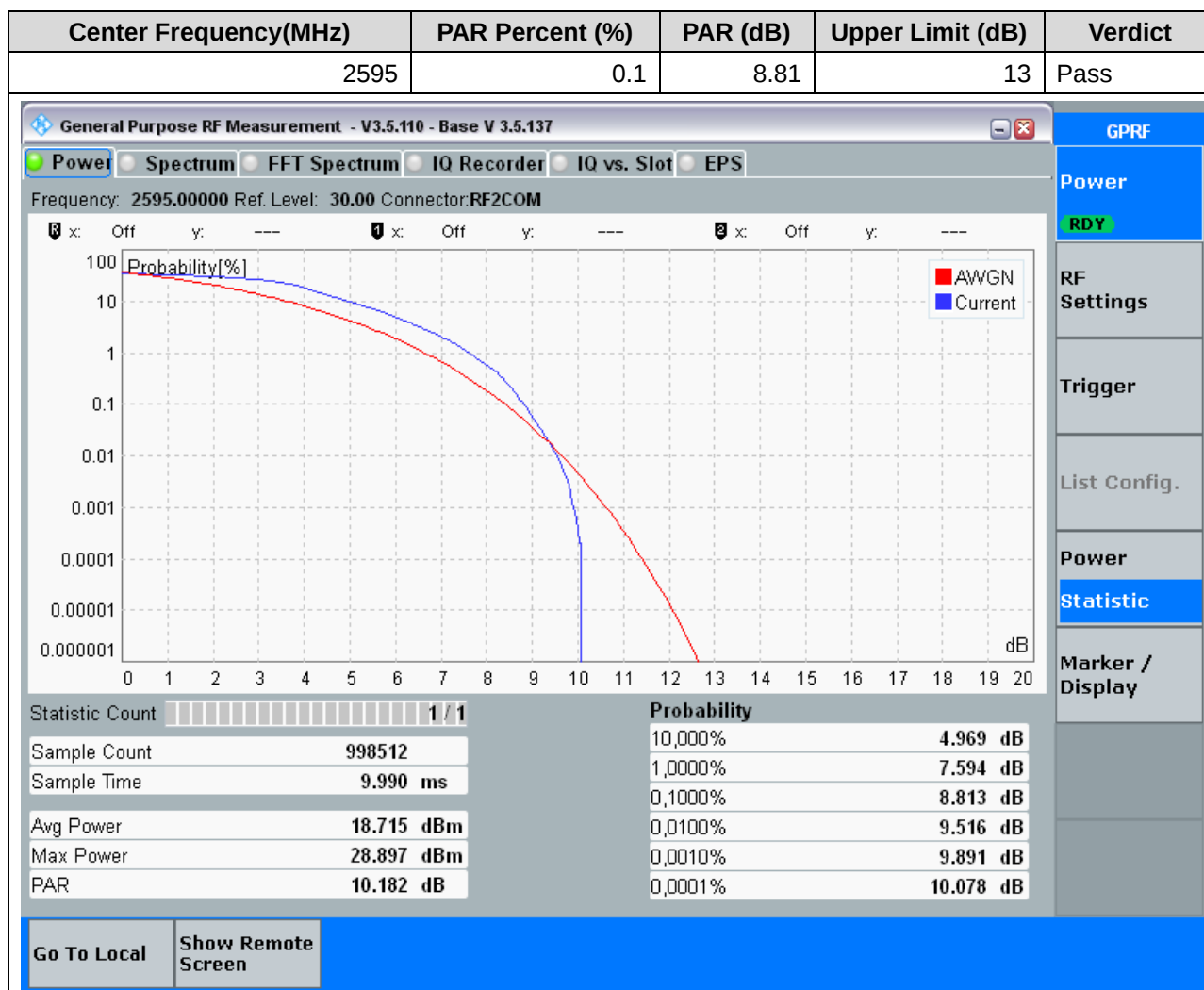
9.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



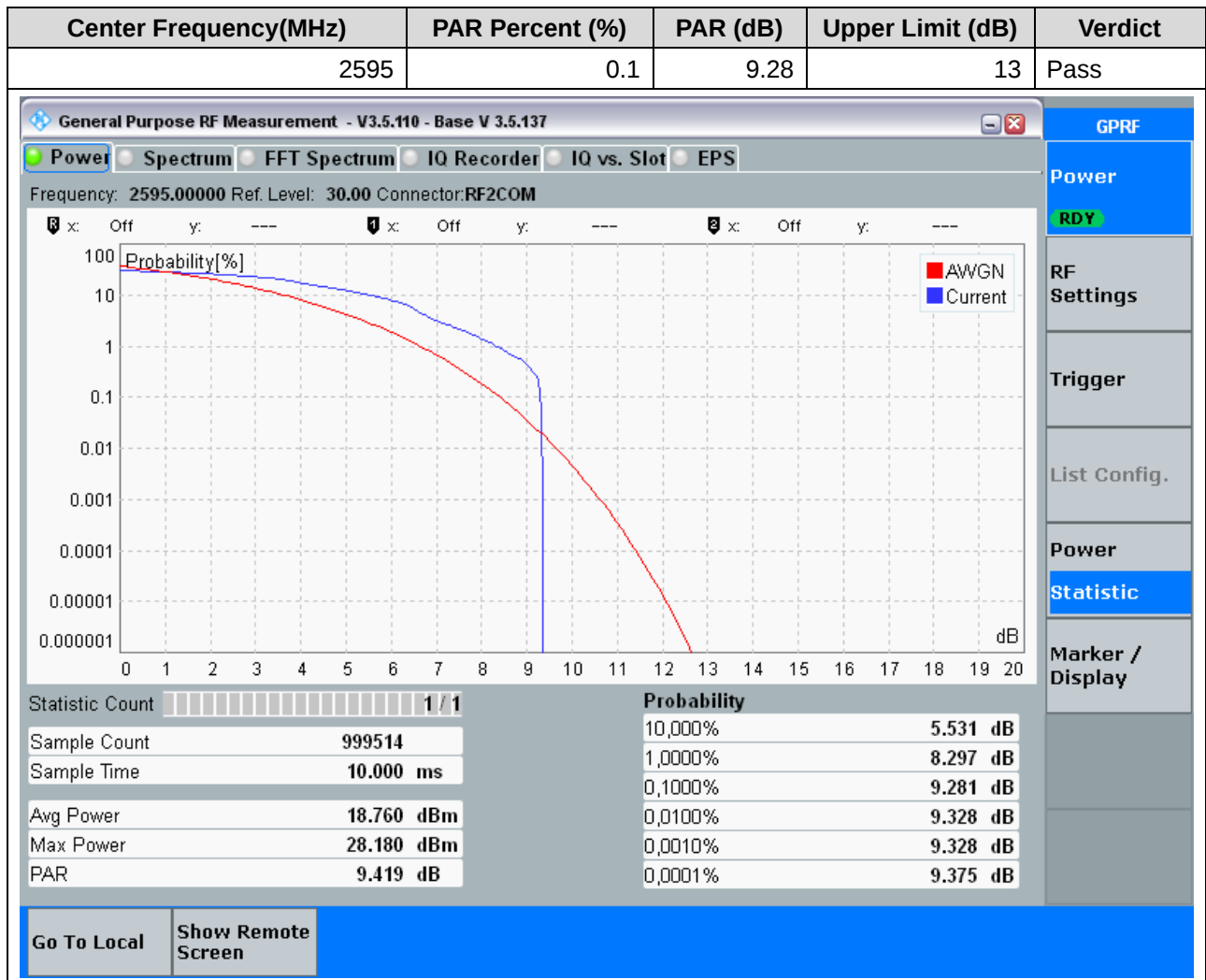
9.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



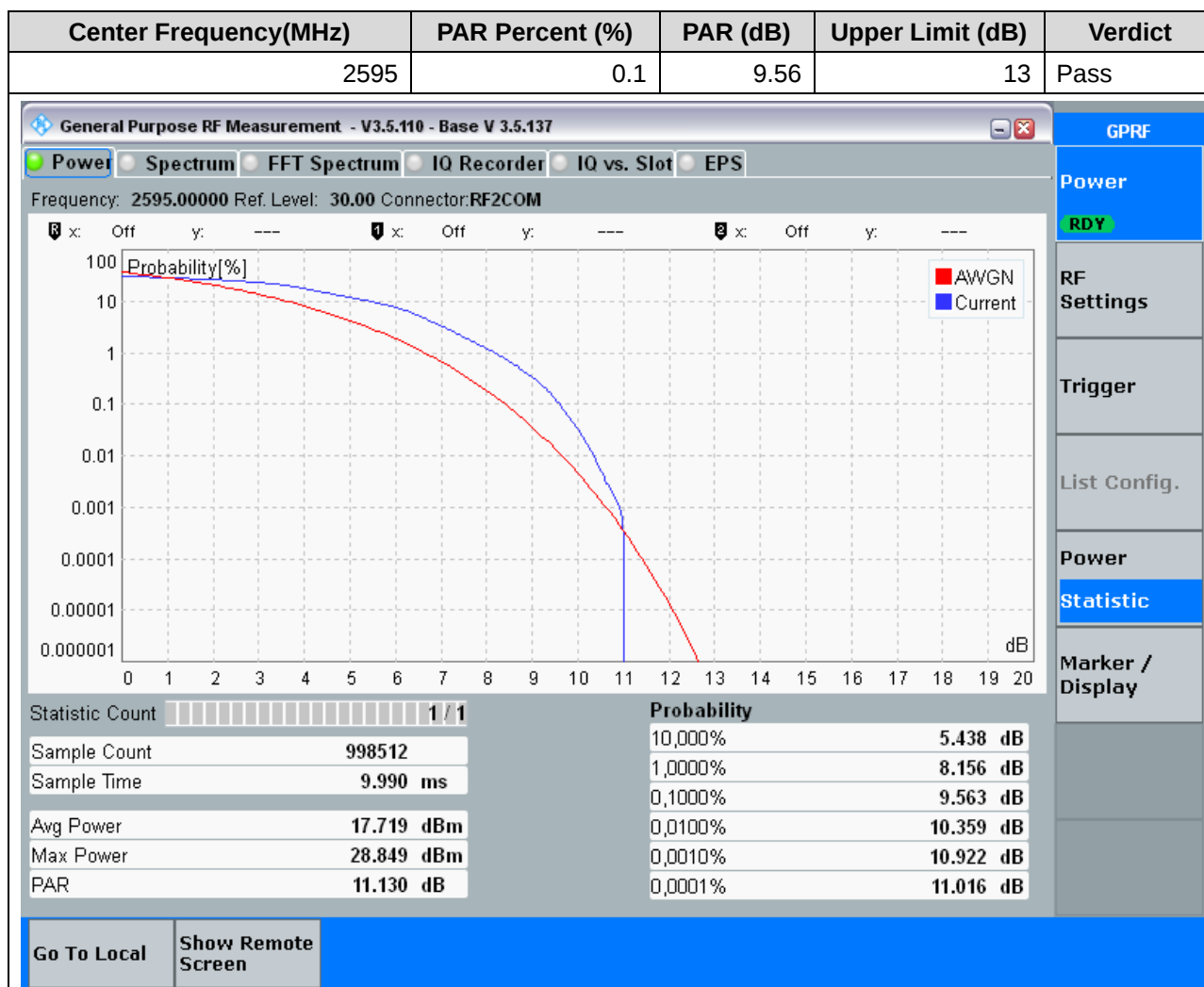
9.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



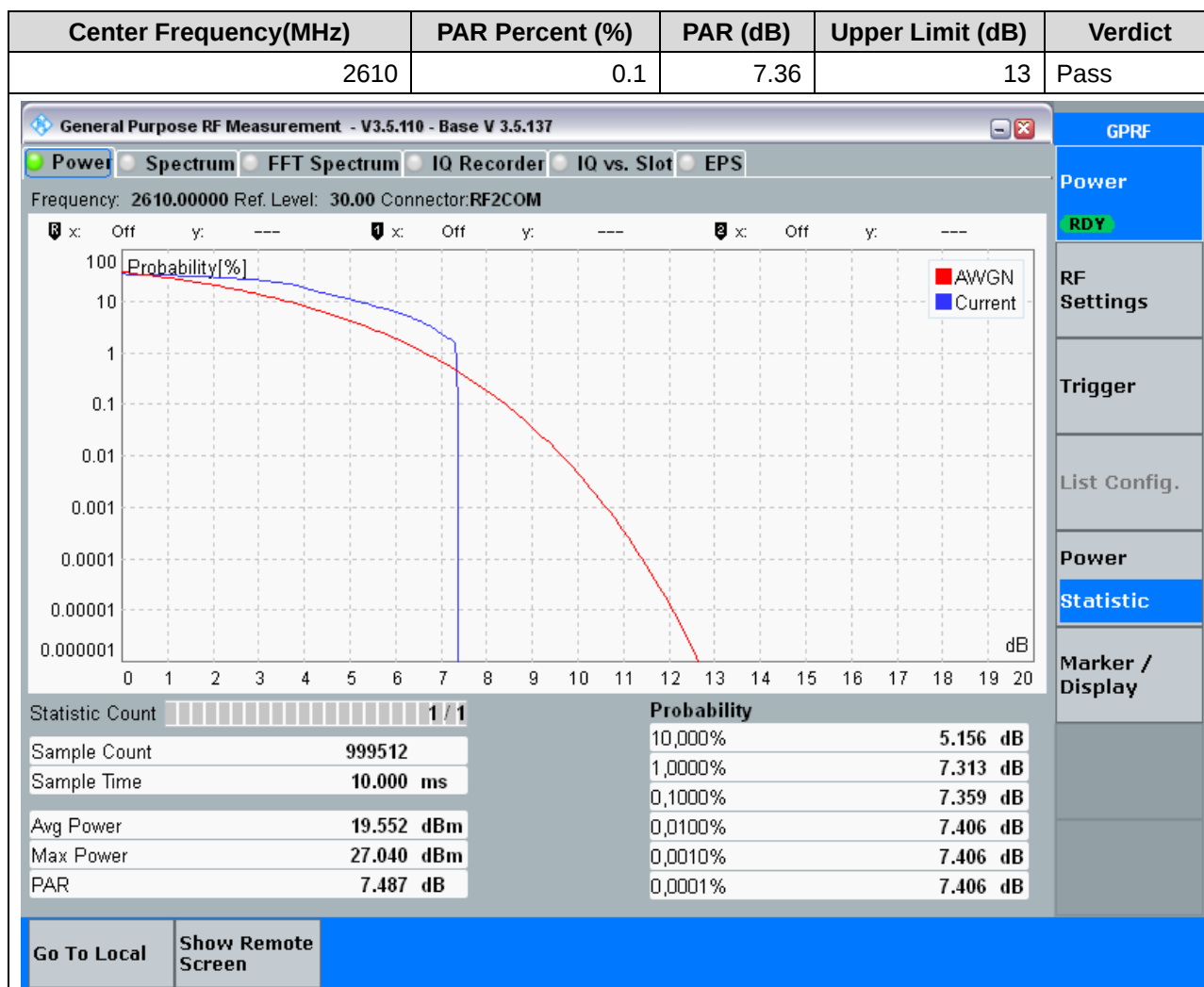
9.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



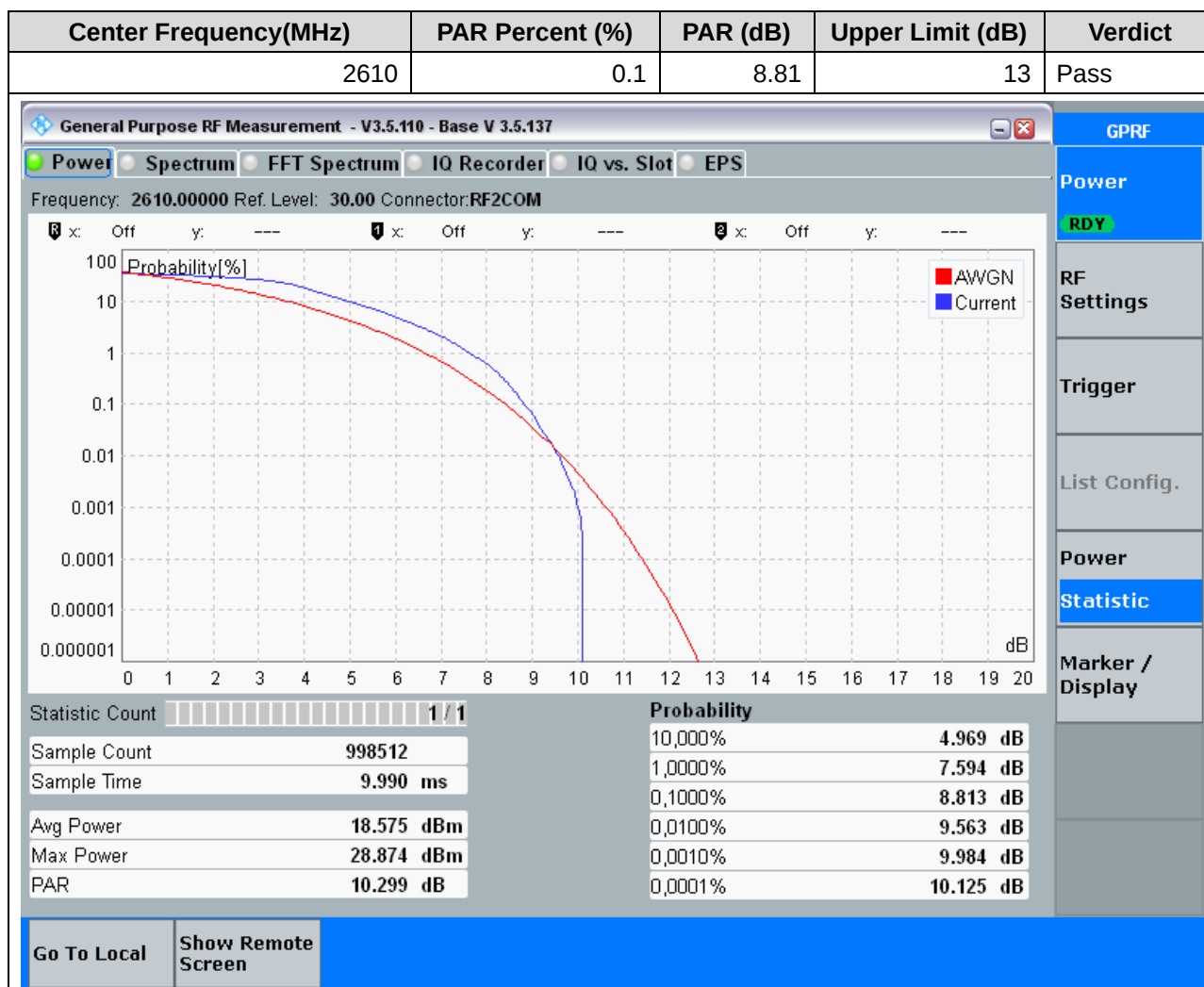
9.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



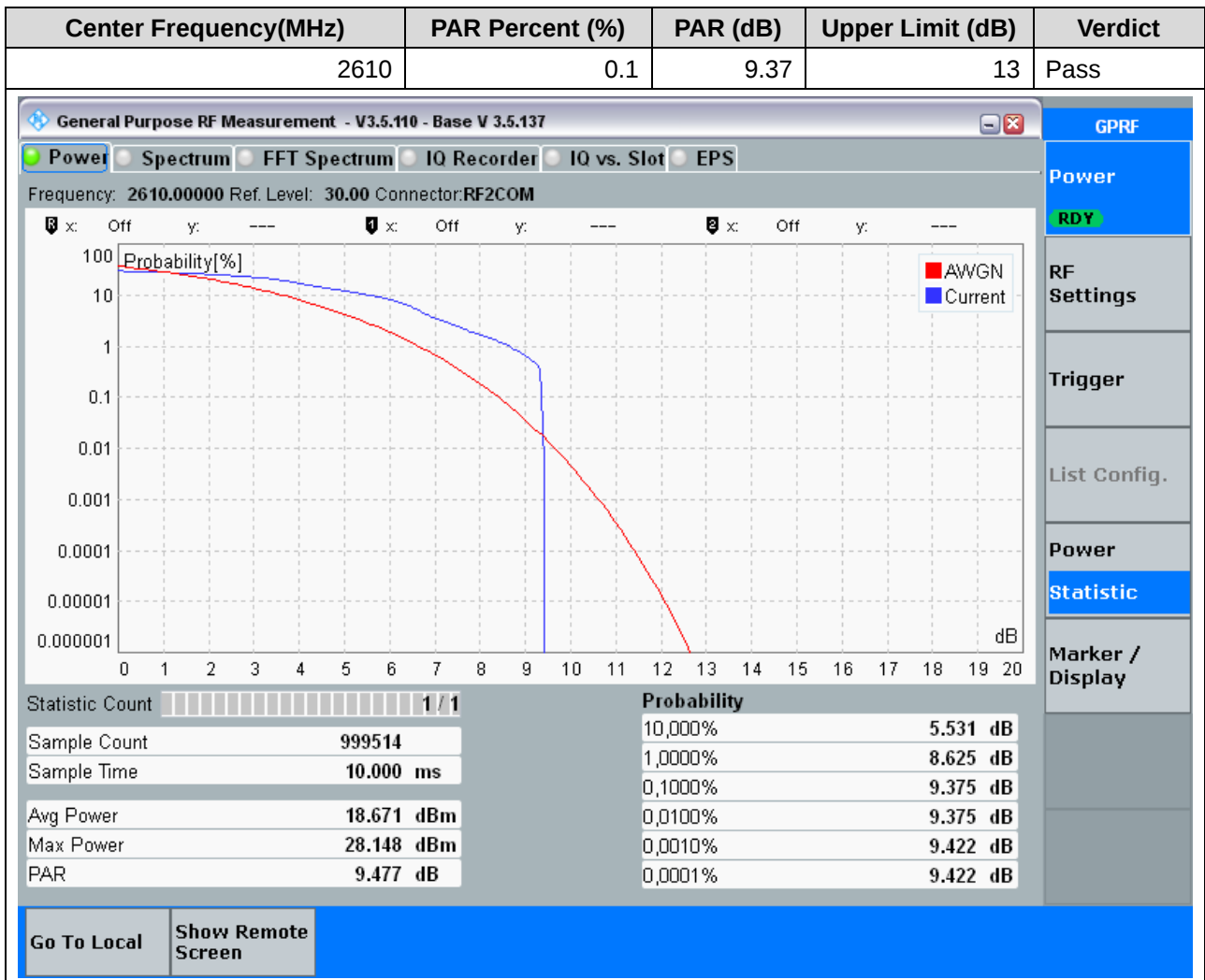
9.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



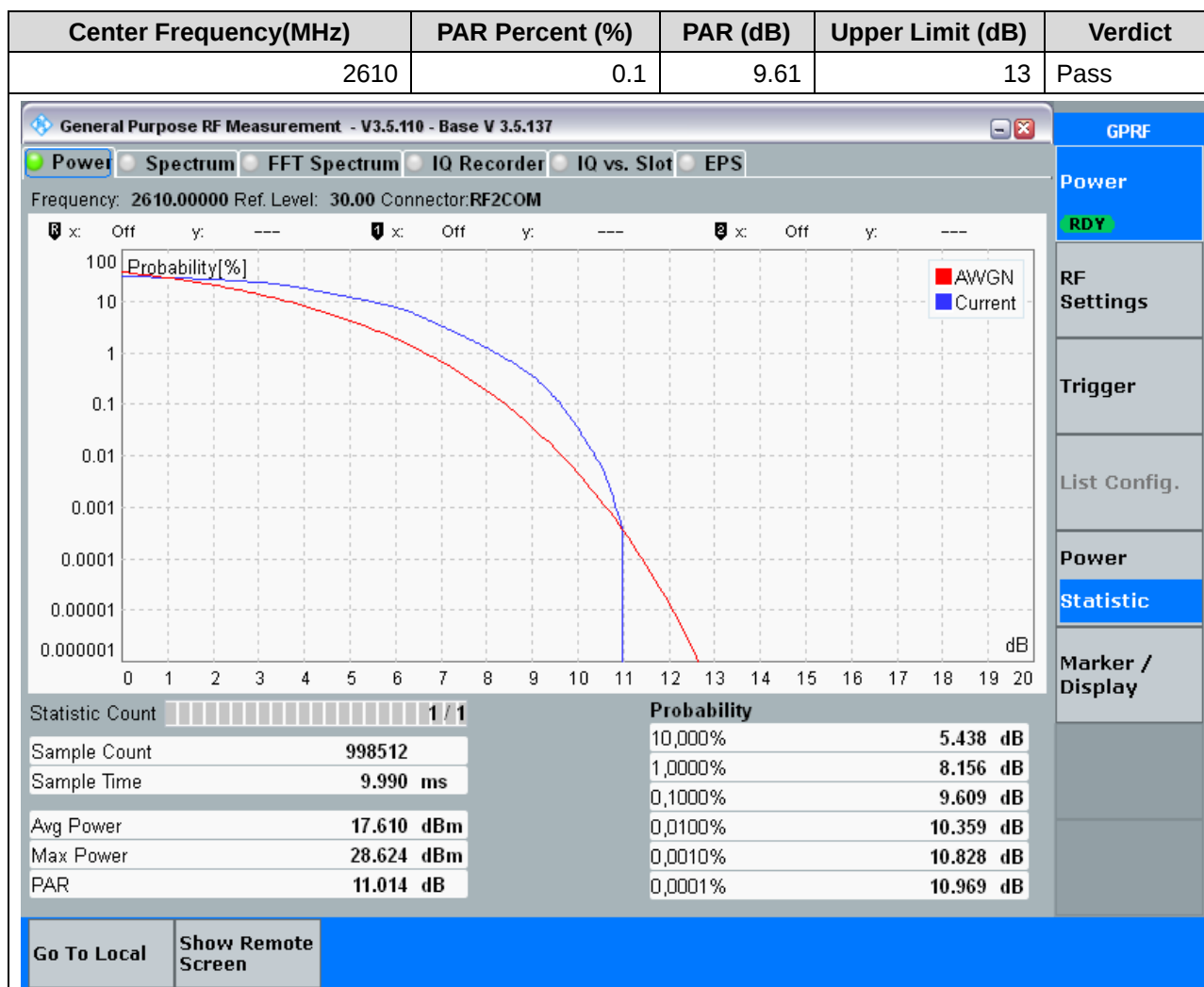
9.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



9.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

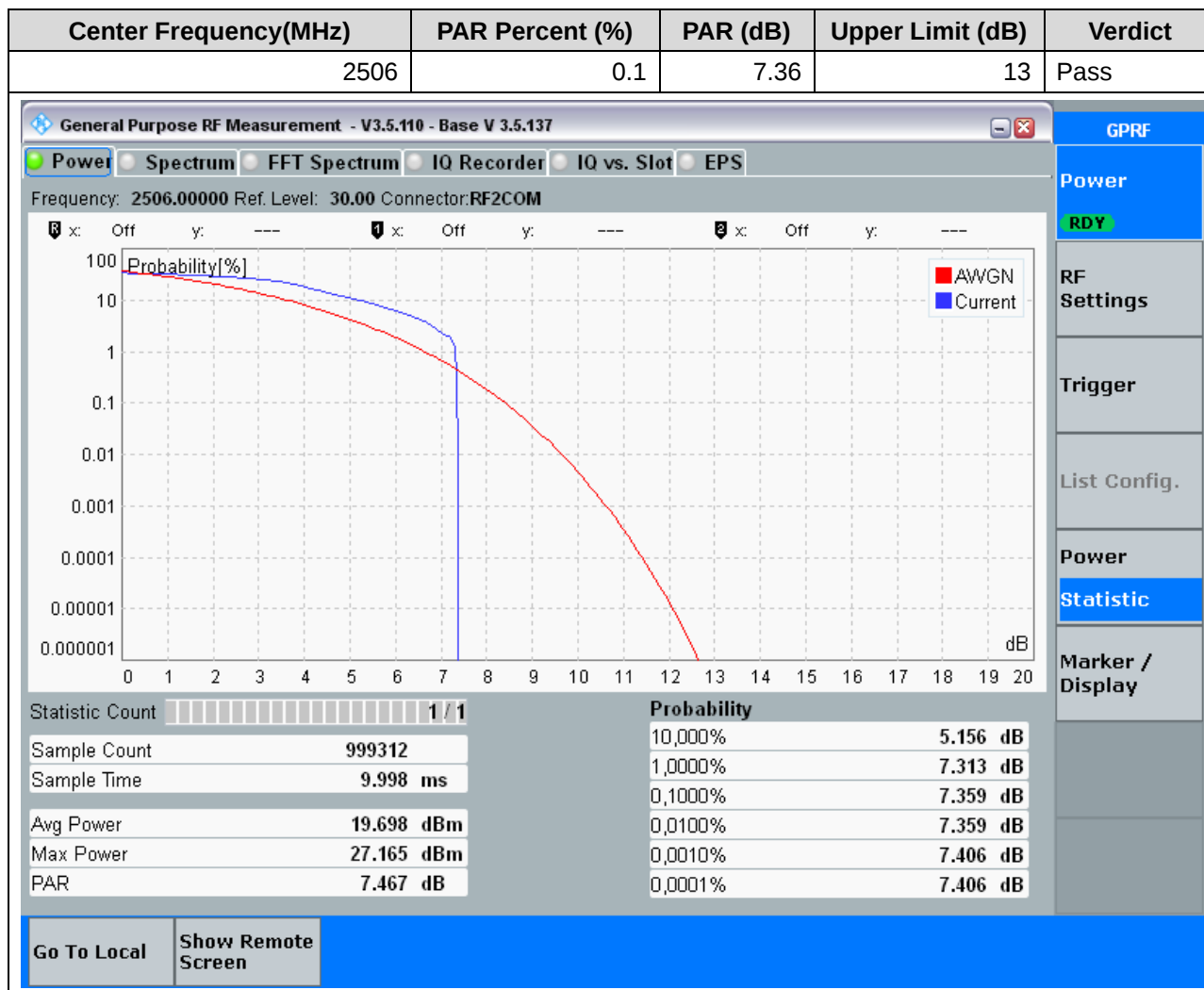


9.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

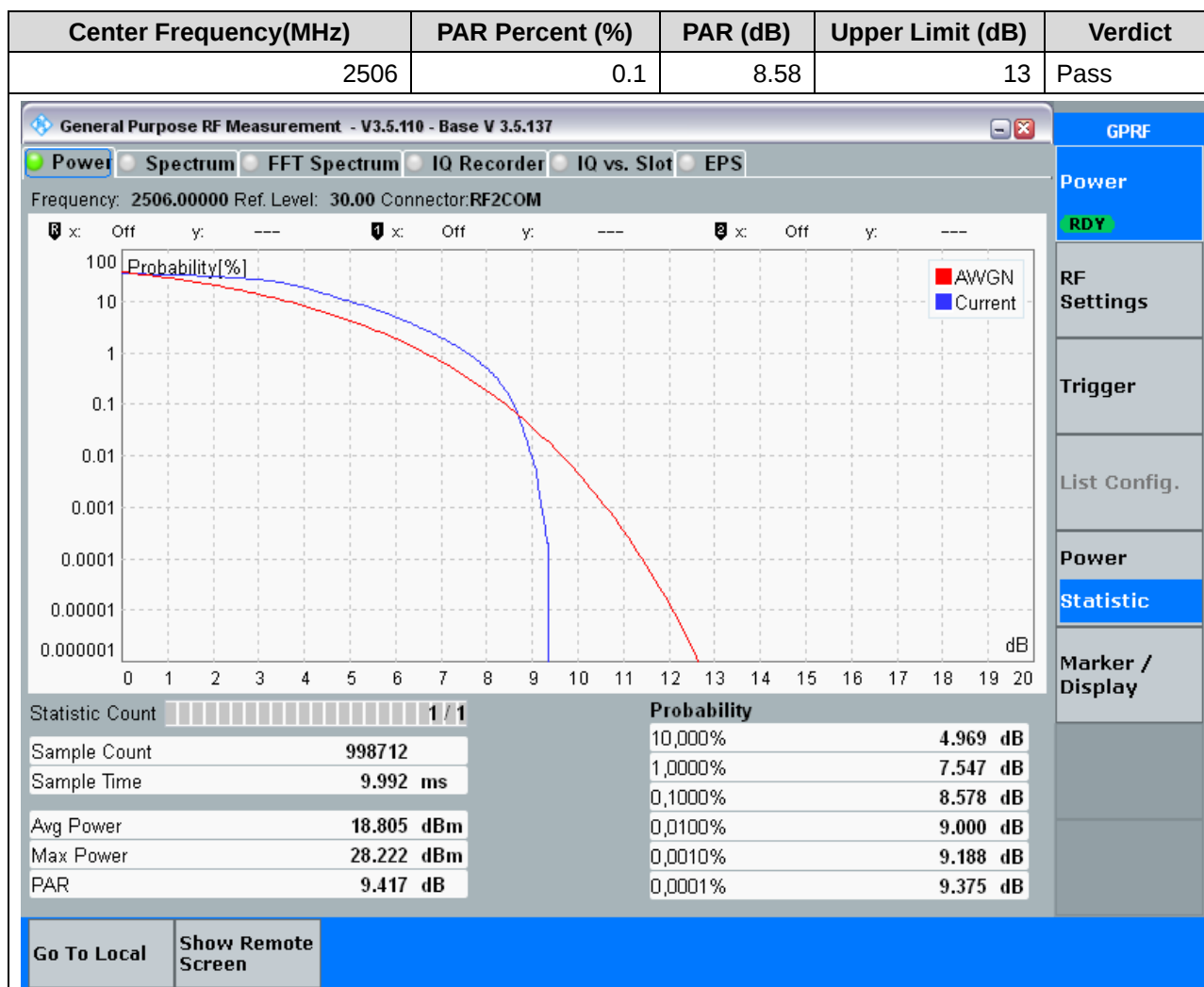


10. LTE_Band41 full

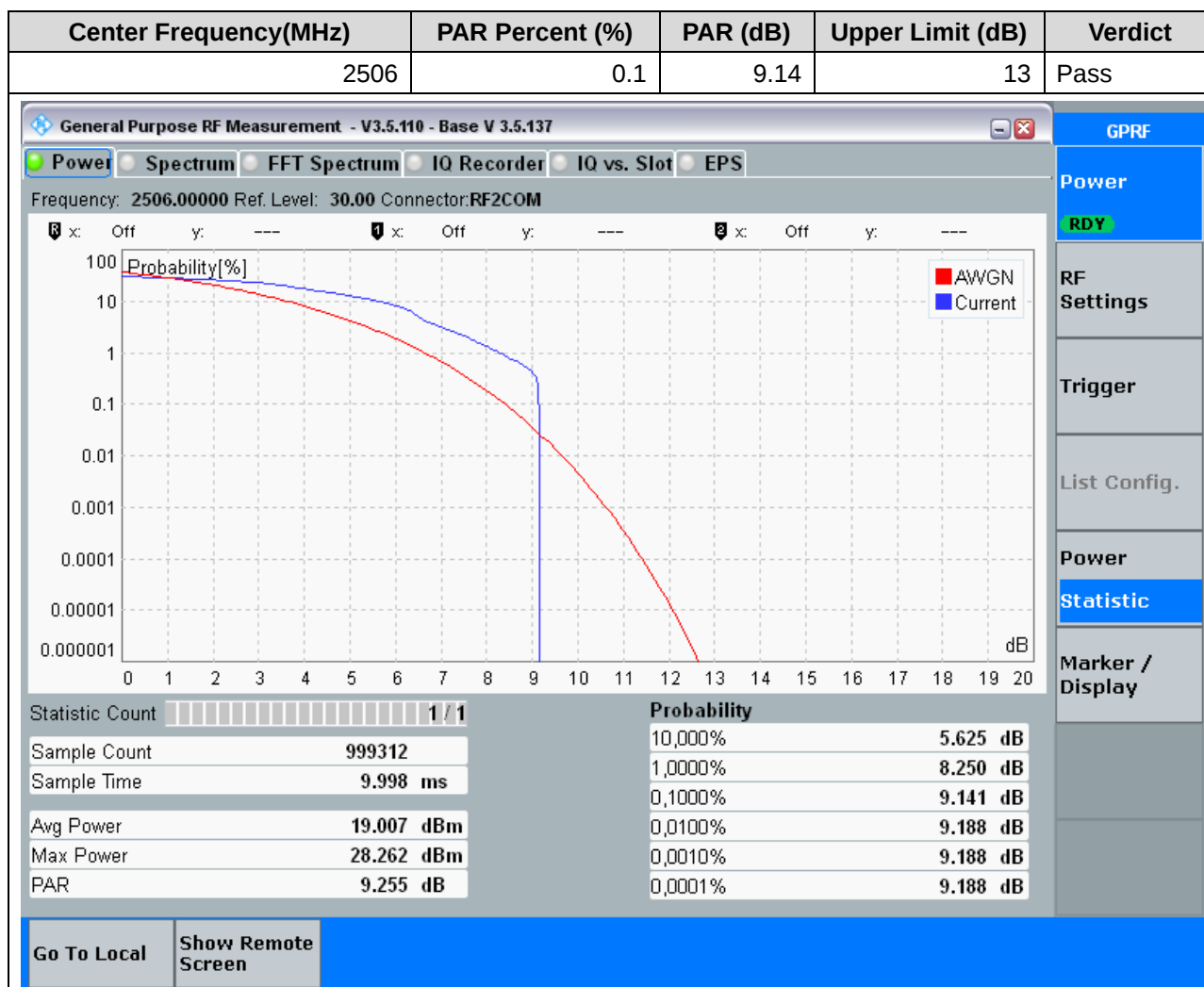
10.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



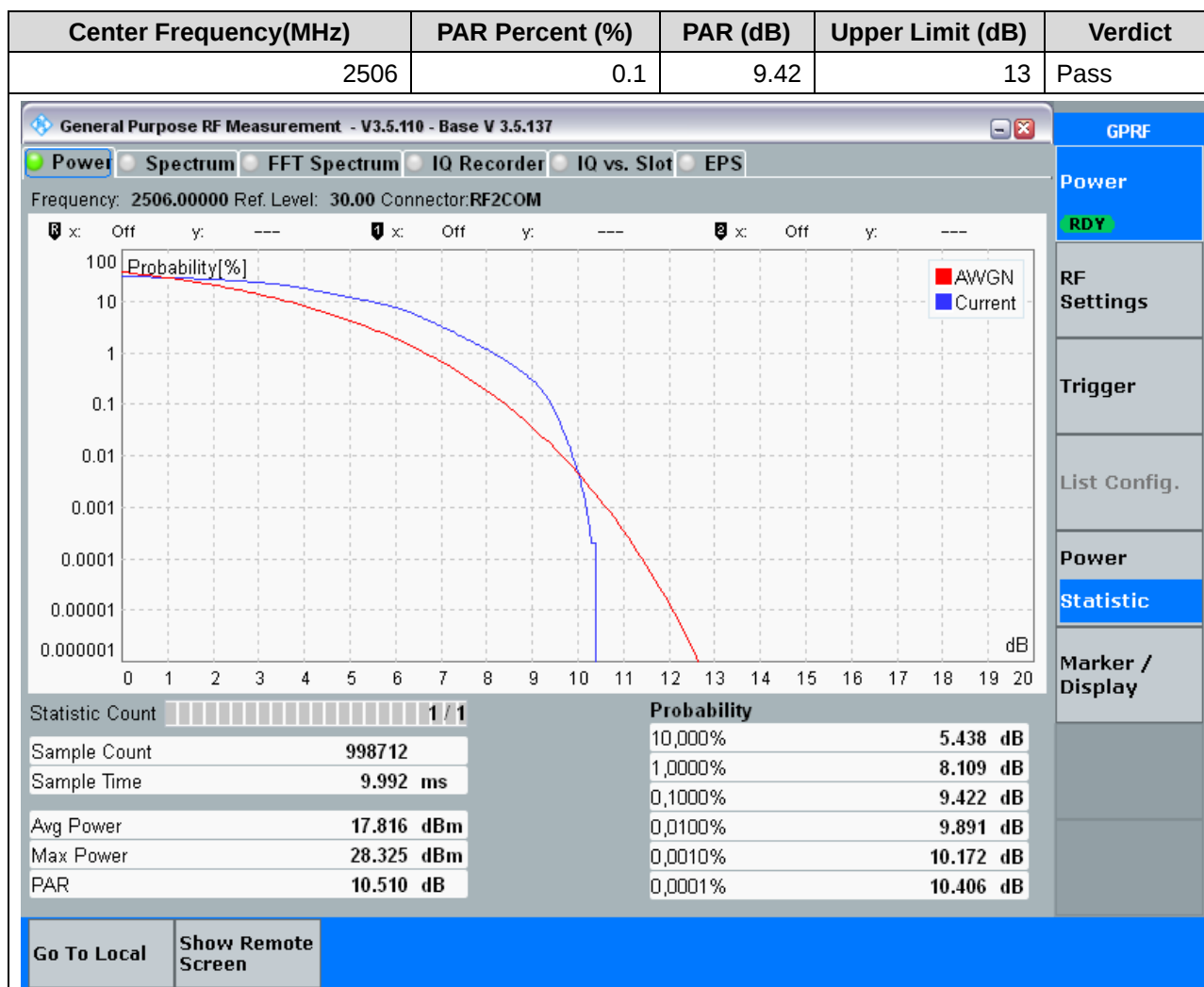
10.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



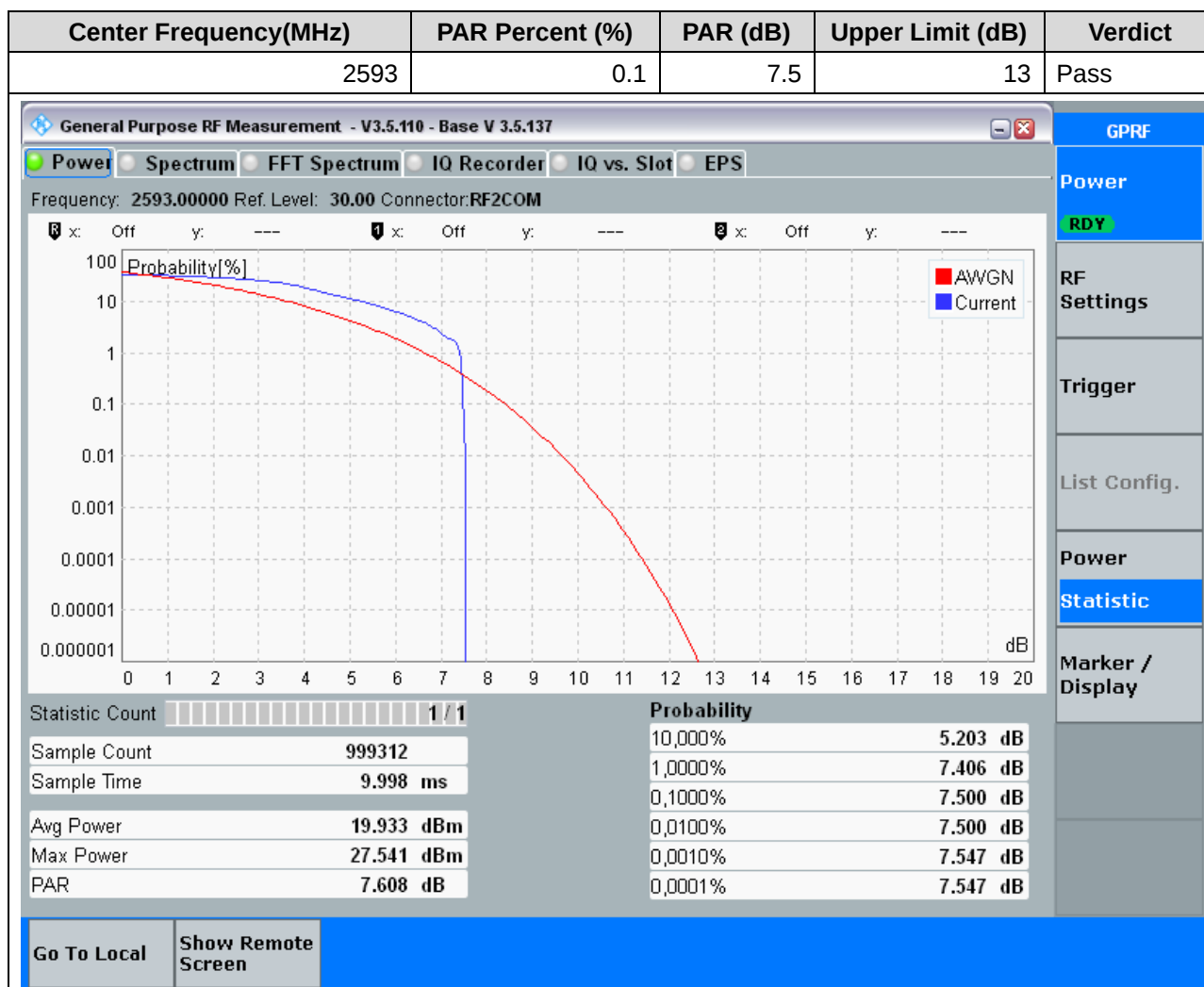
10.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



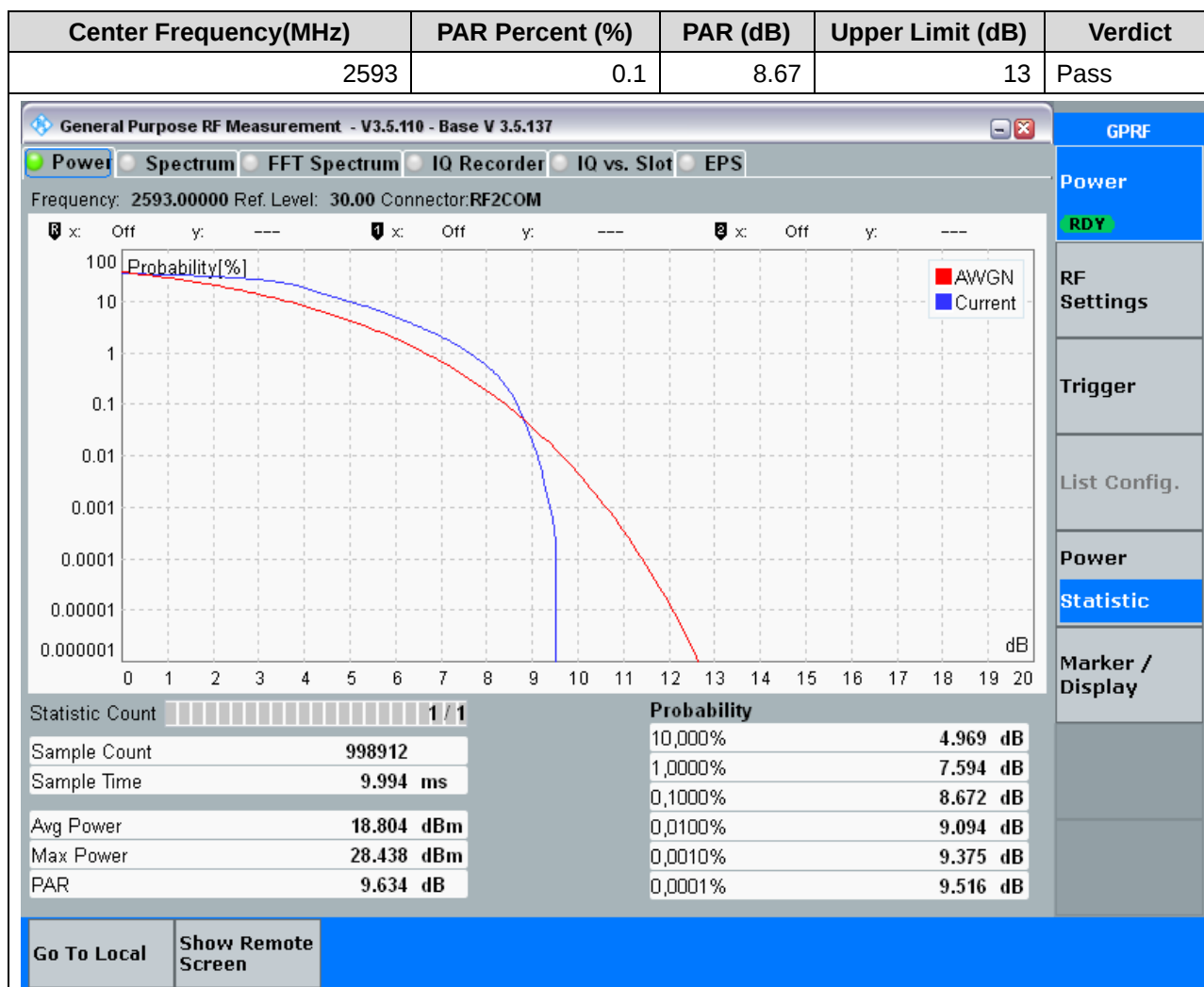
10.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



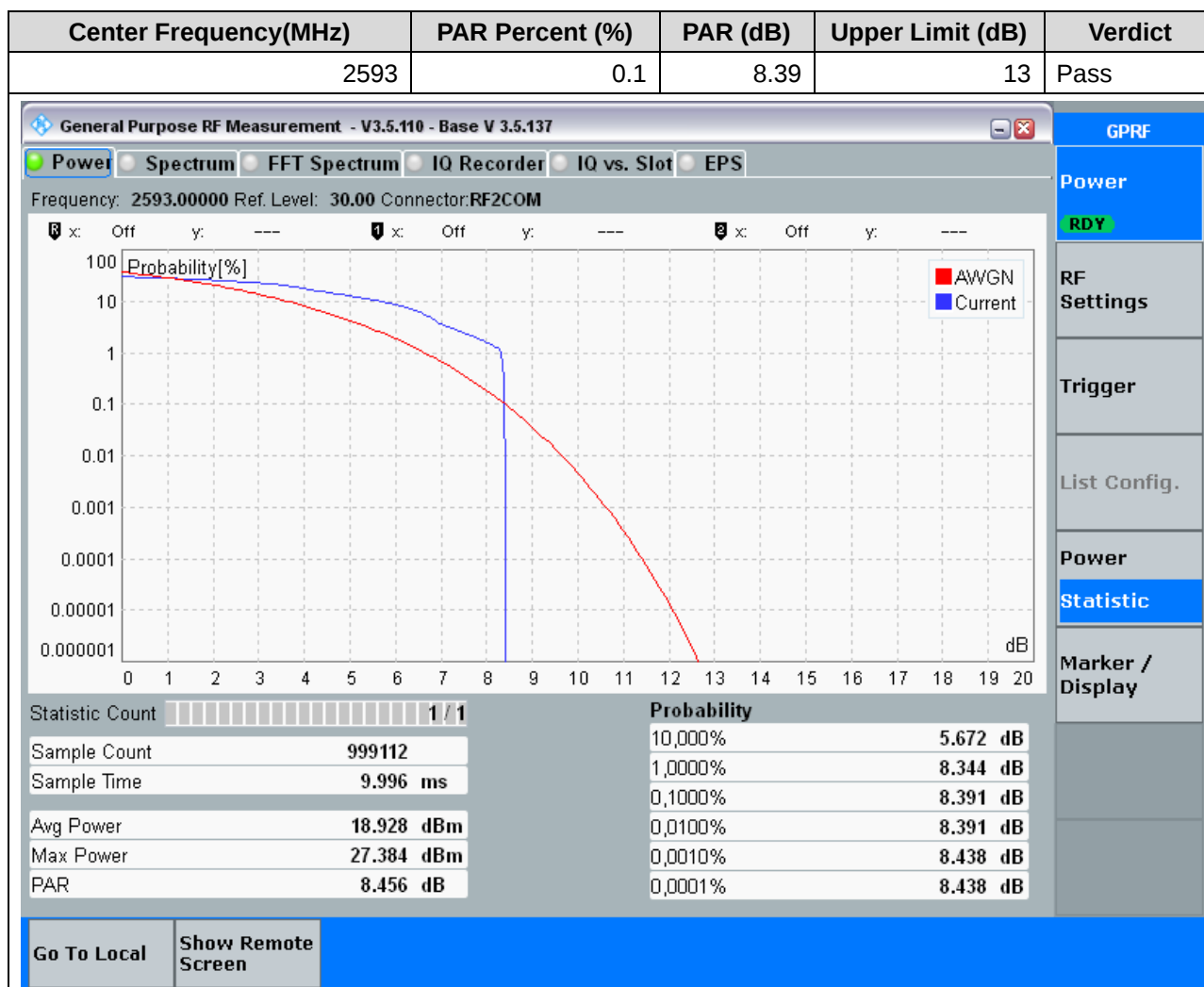
10.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



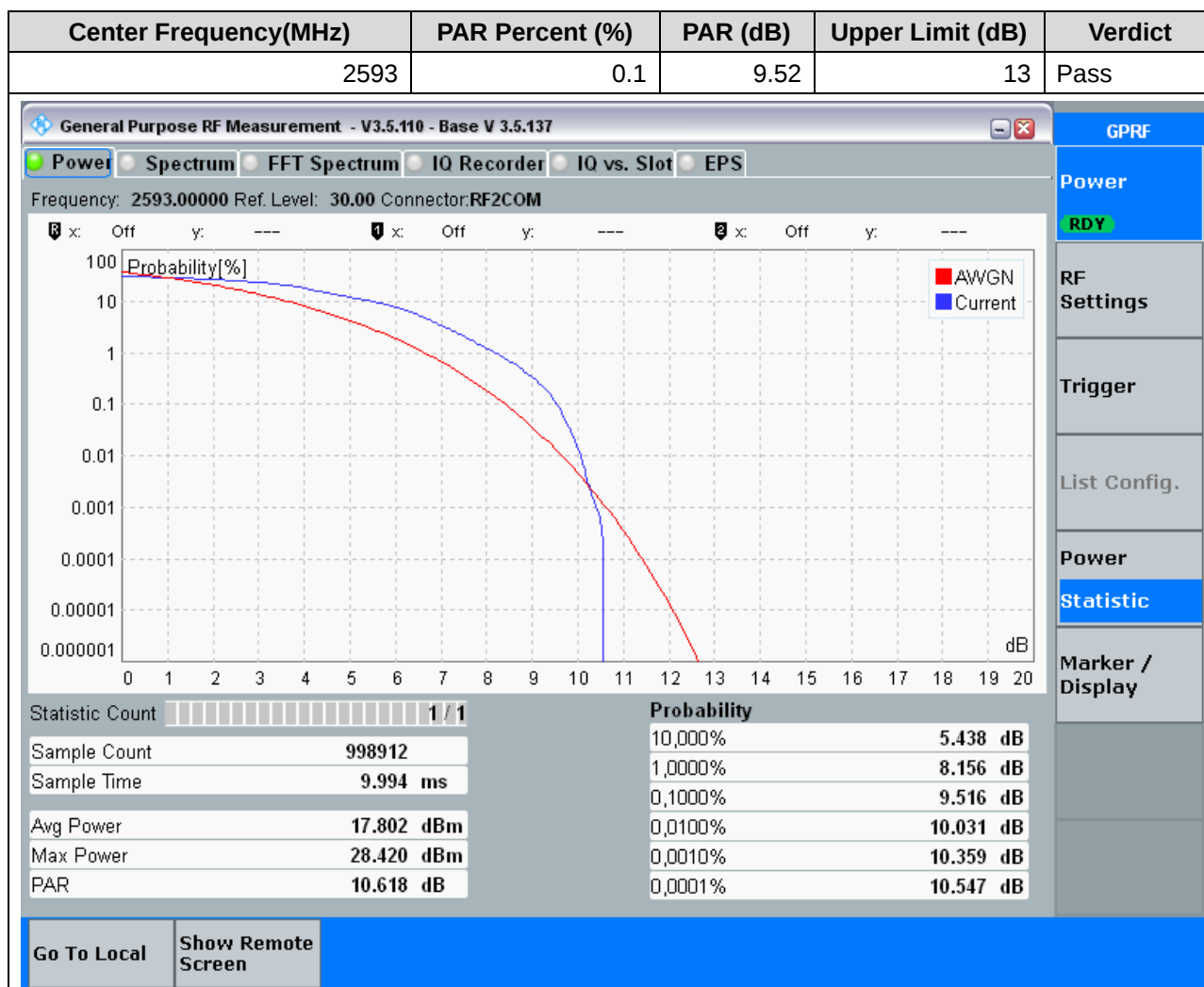
10.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



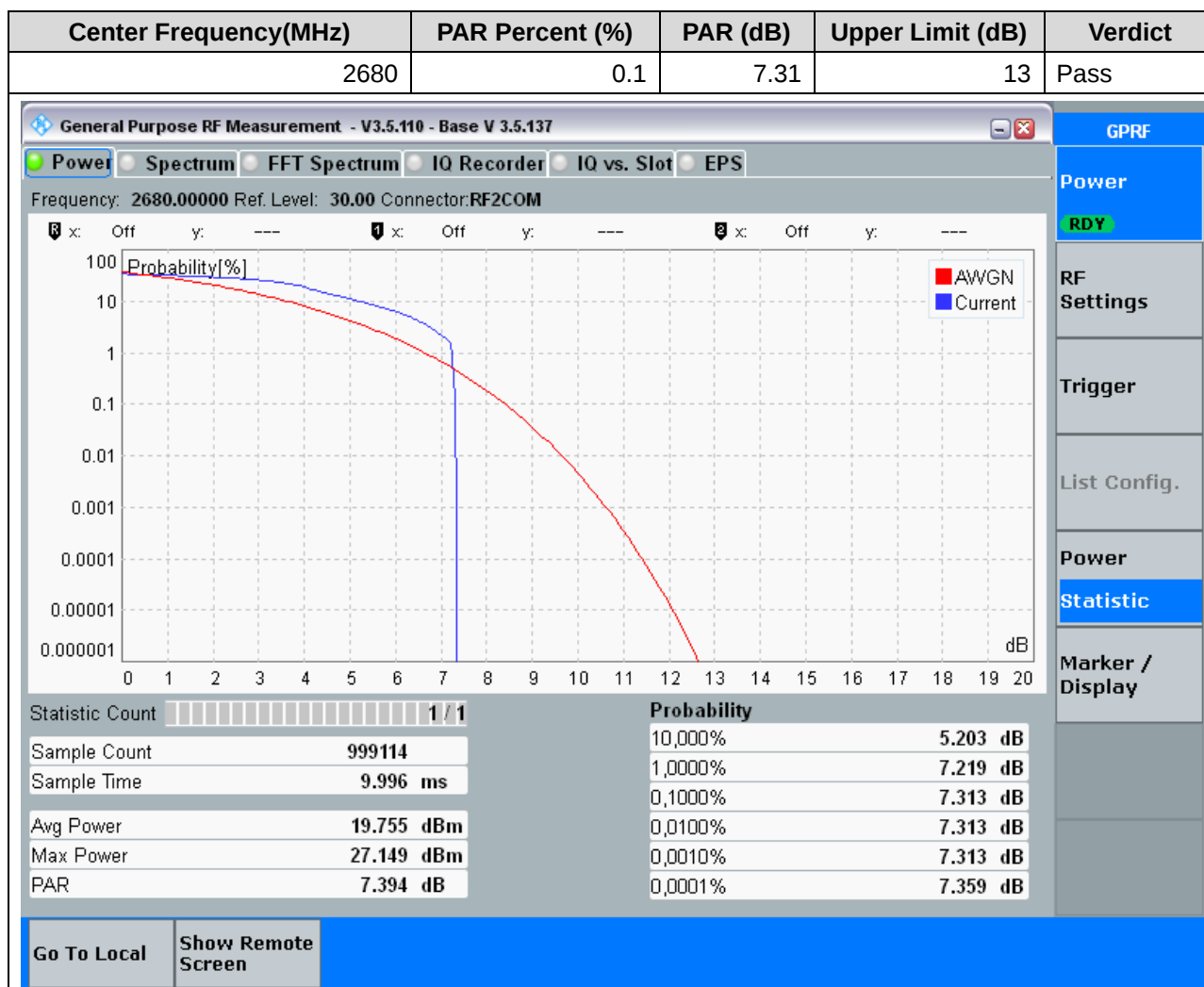
10.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



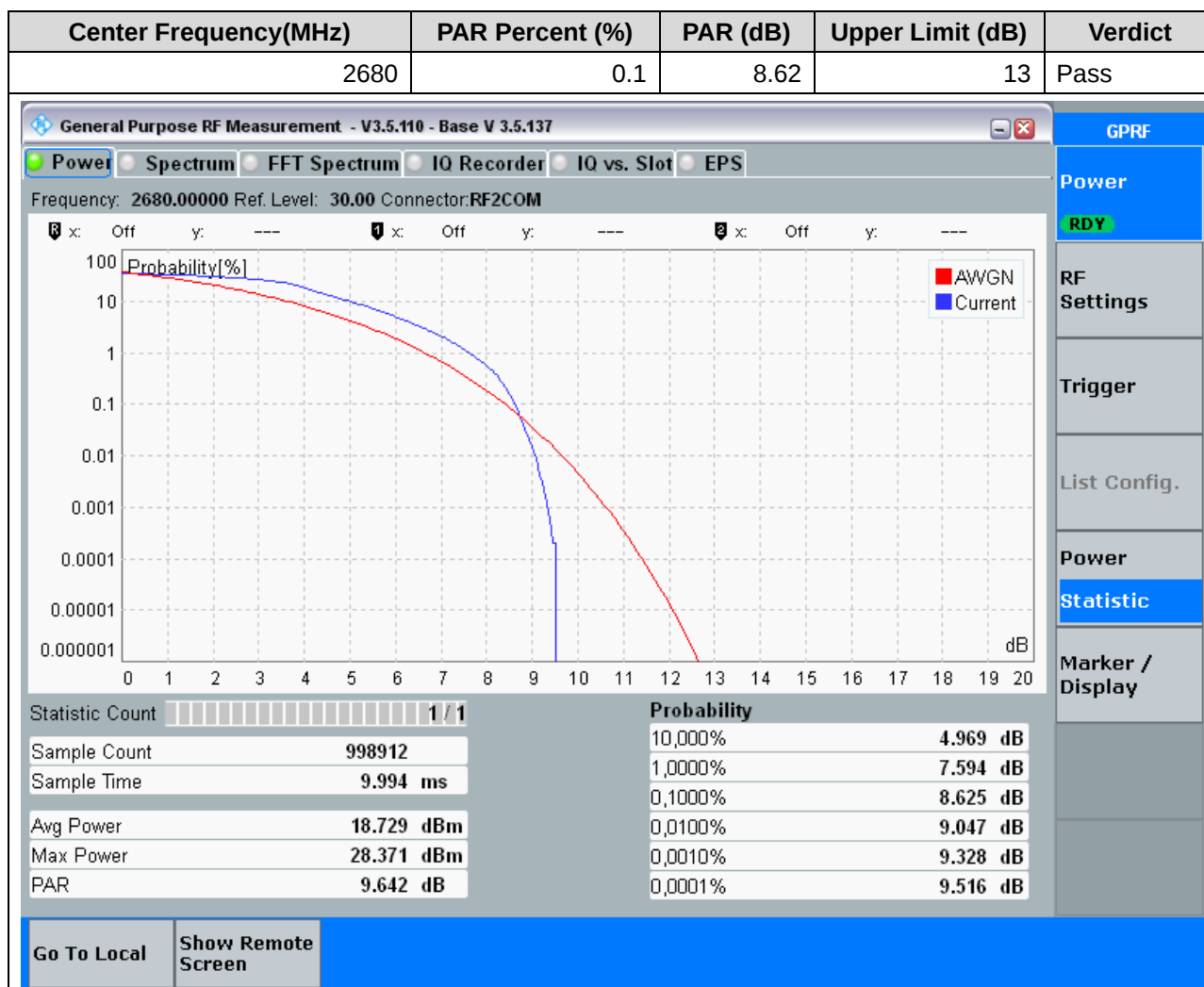
10.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



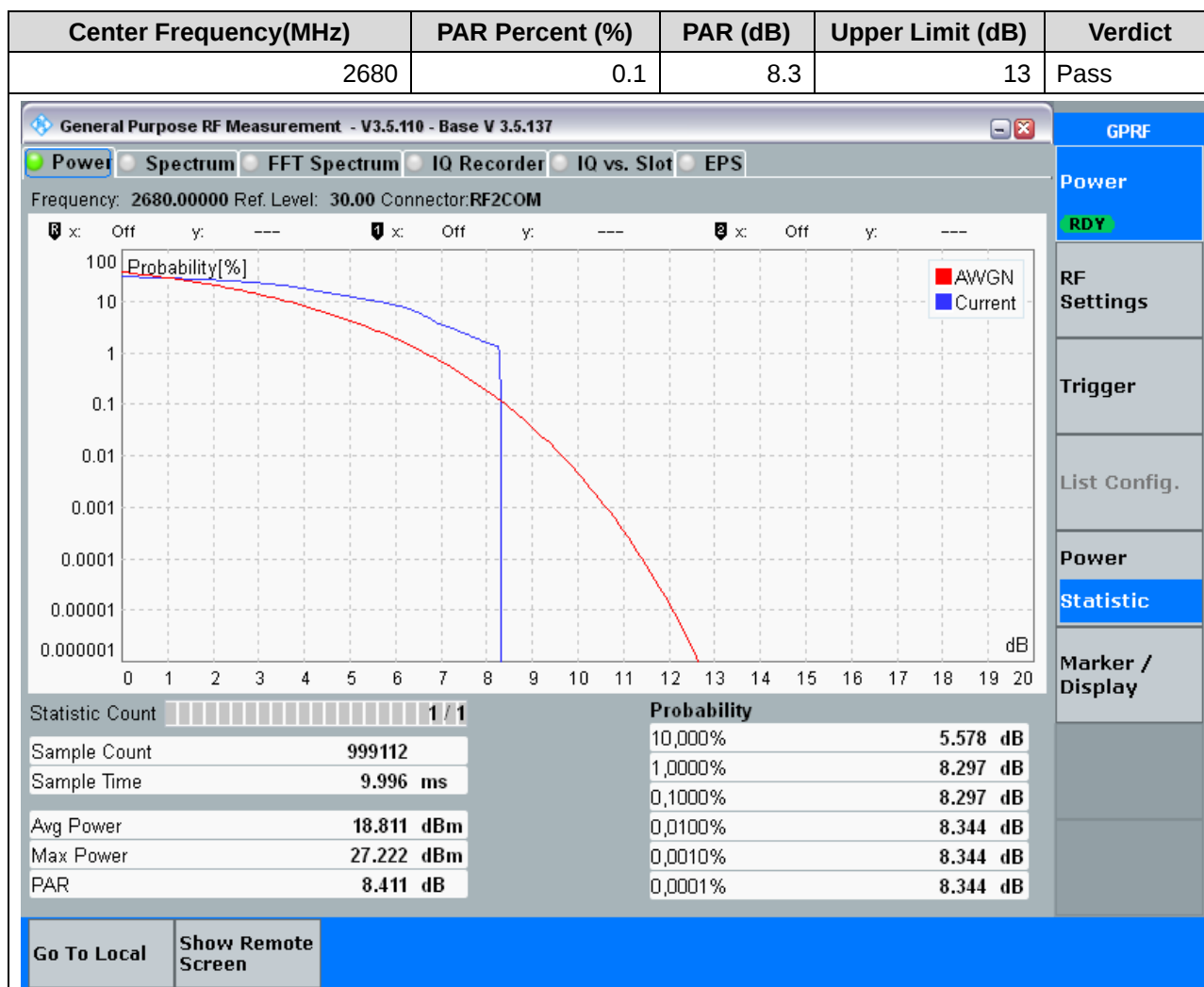
10.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



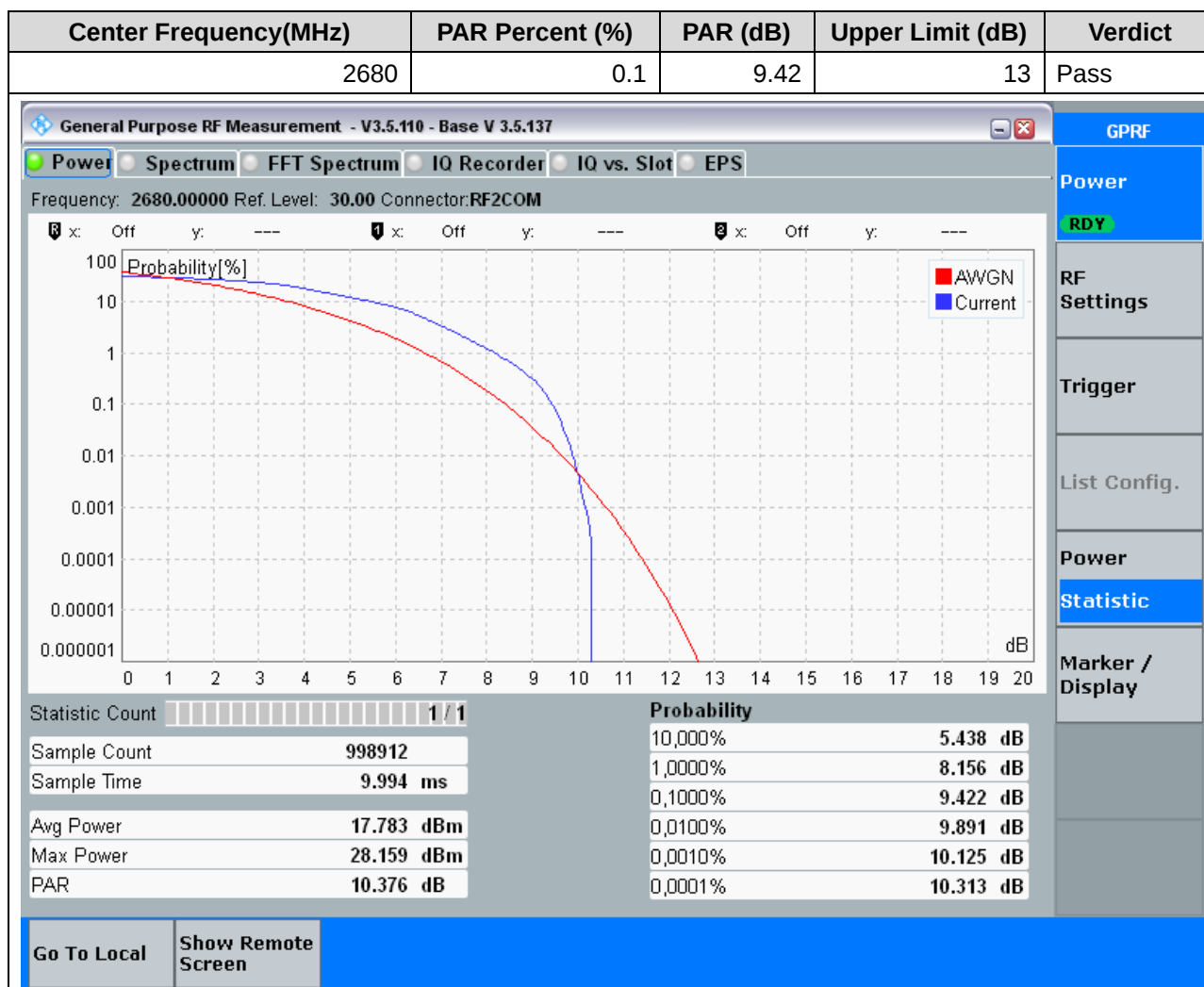
10.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



10.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

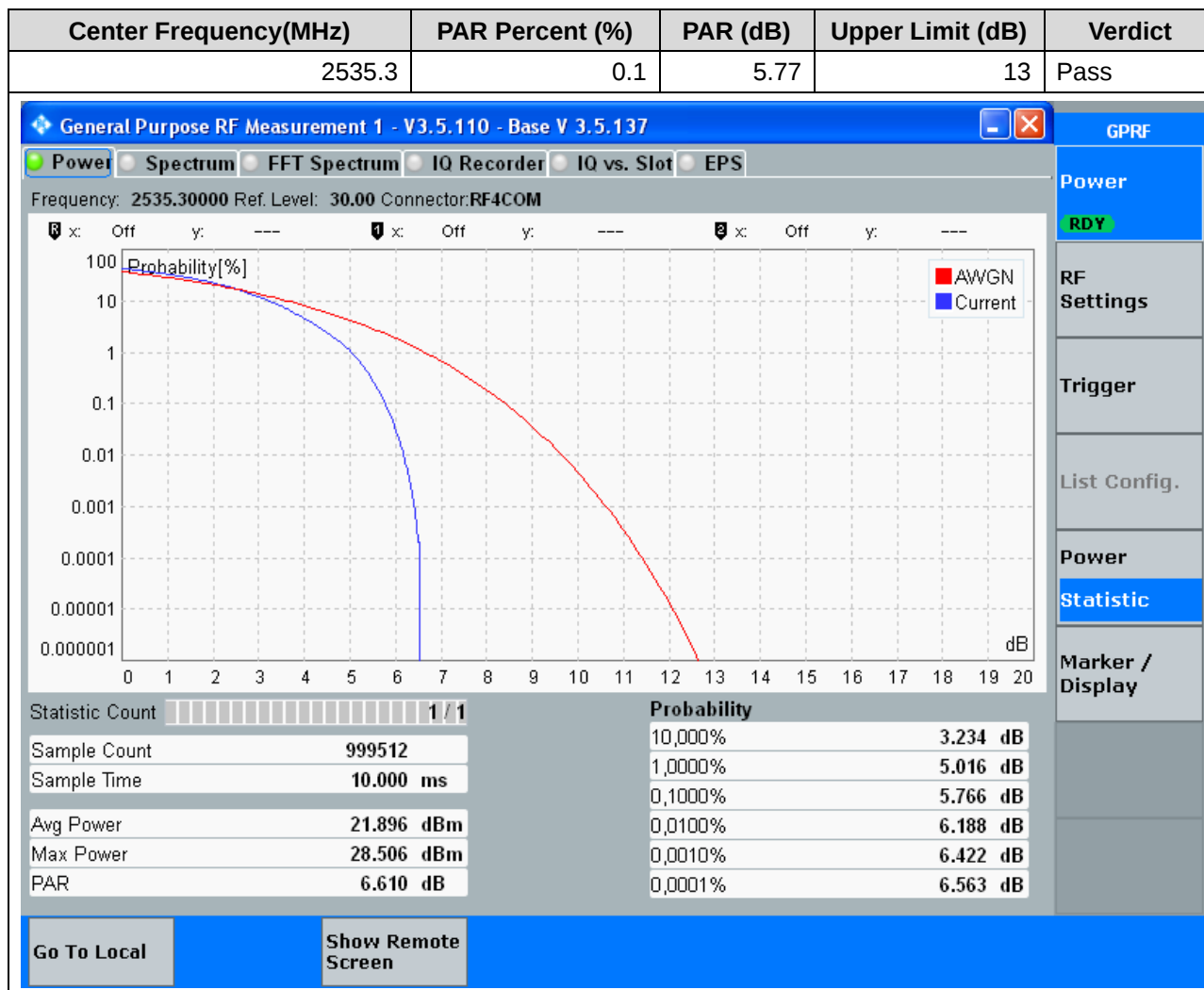


10.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

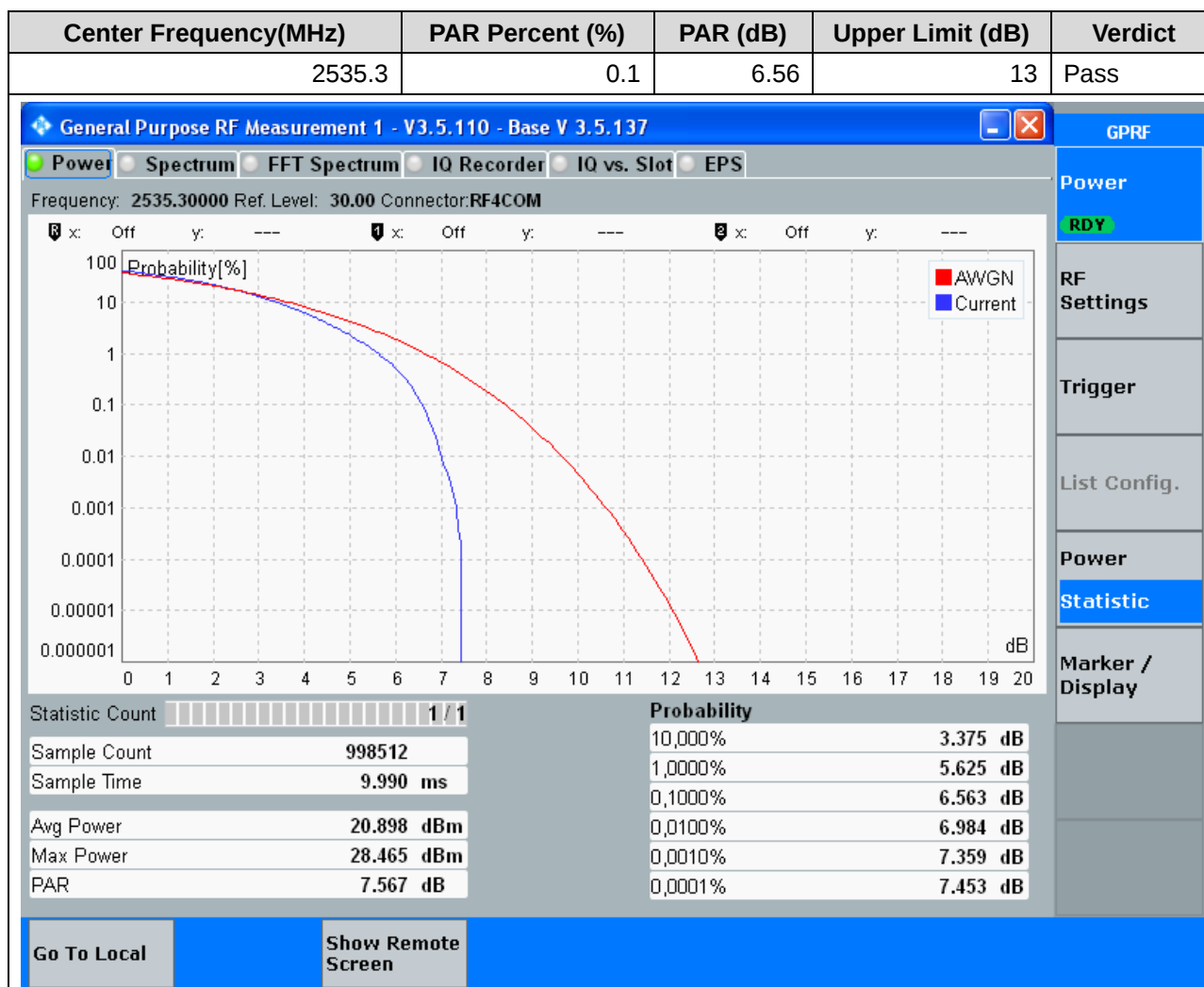


11. CA_7C

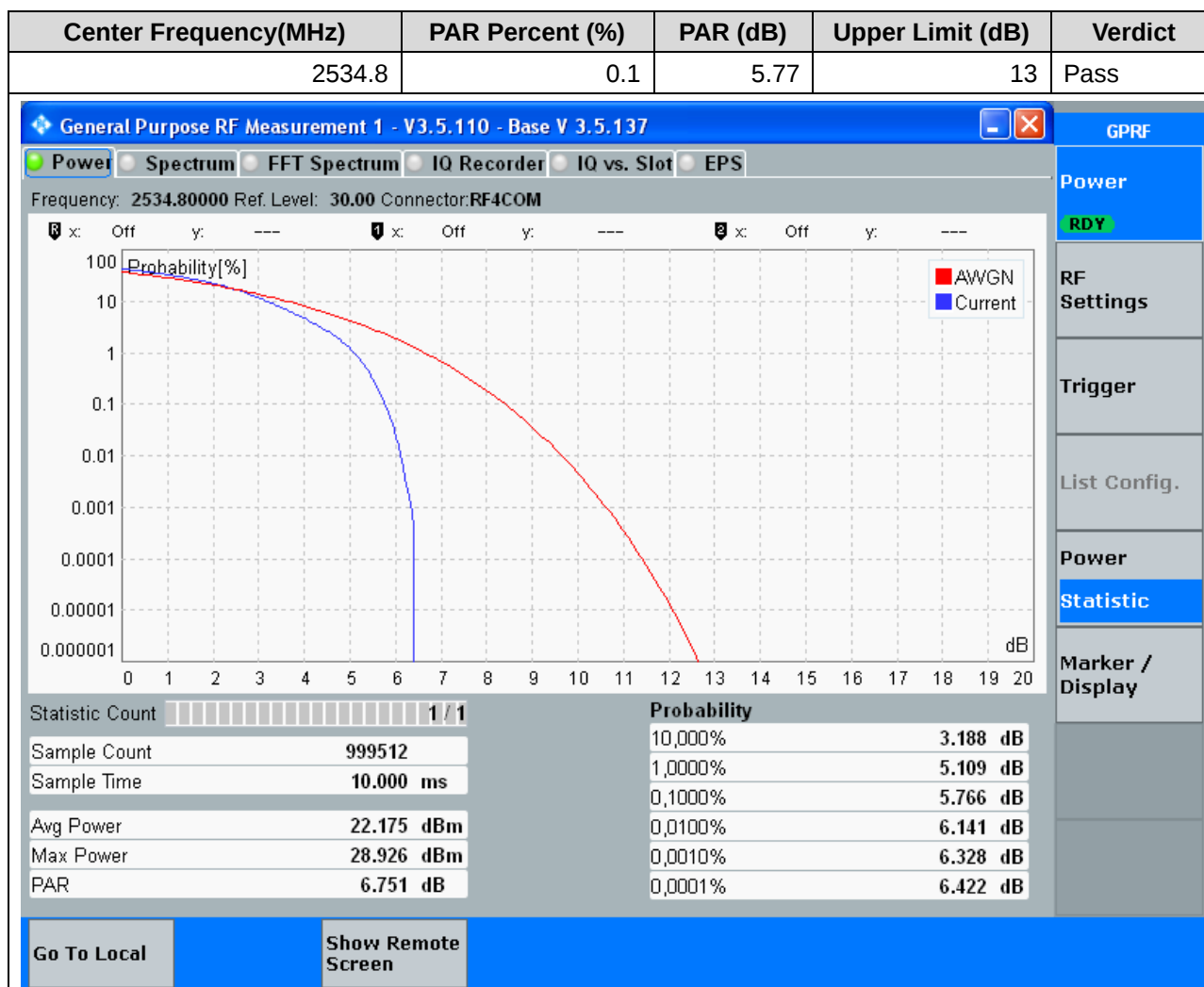
11.1. CA Peak to Average Ratio(NTNV)(Subtest:1, Channel:21006+21150, Bandwidth:10+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)



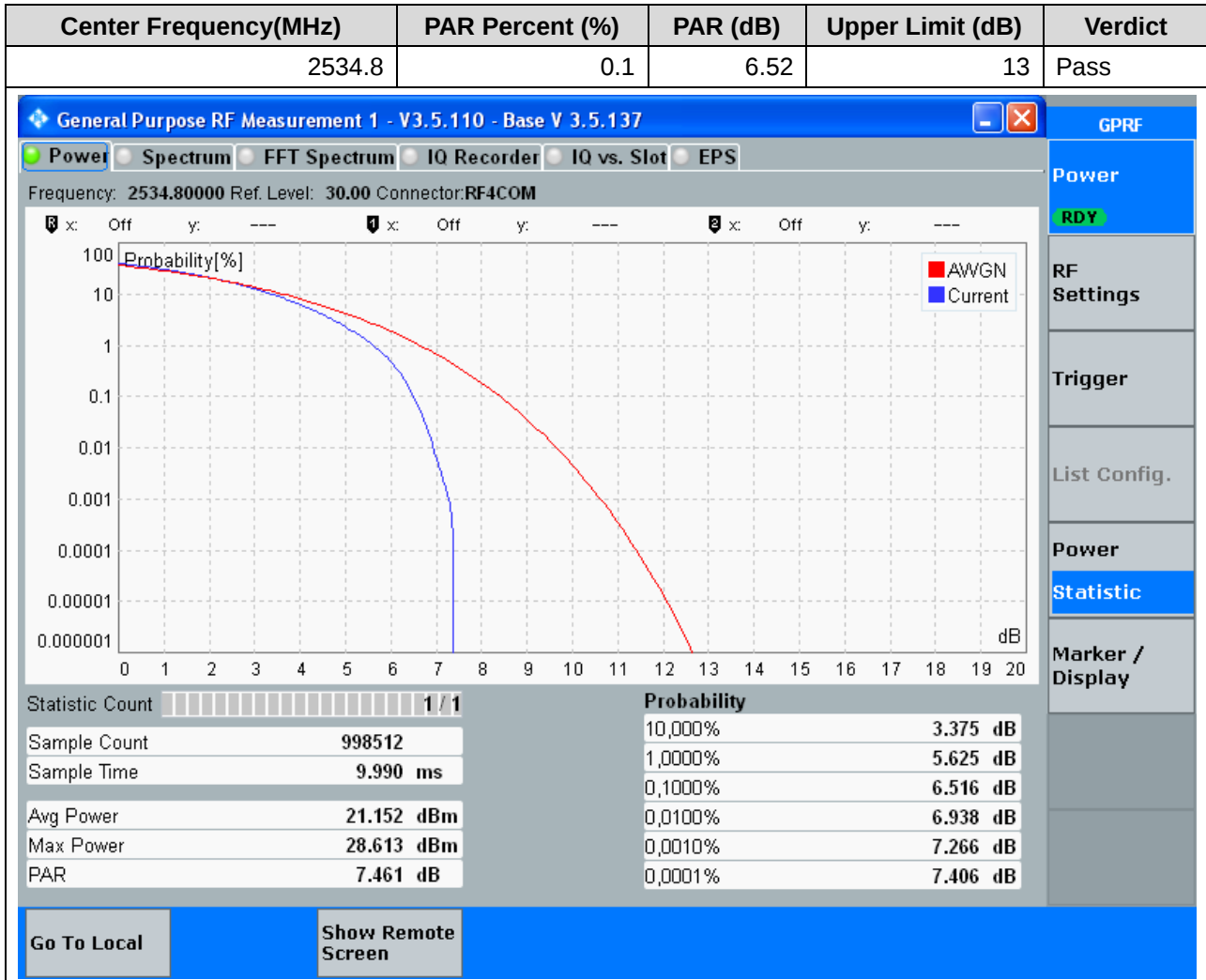
11.2. CA Peak to Average Ratio(NTNV)(Subtest:2, Channel:21006+21150, Bandwidth:10+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)



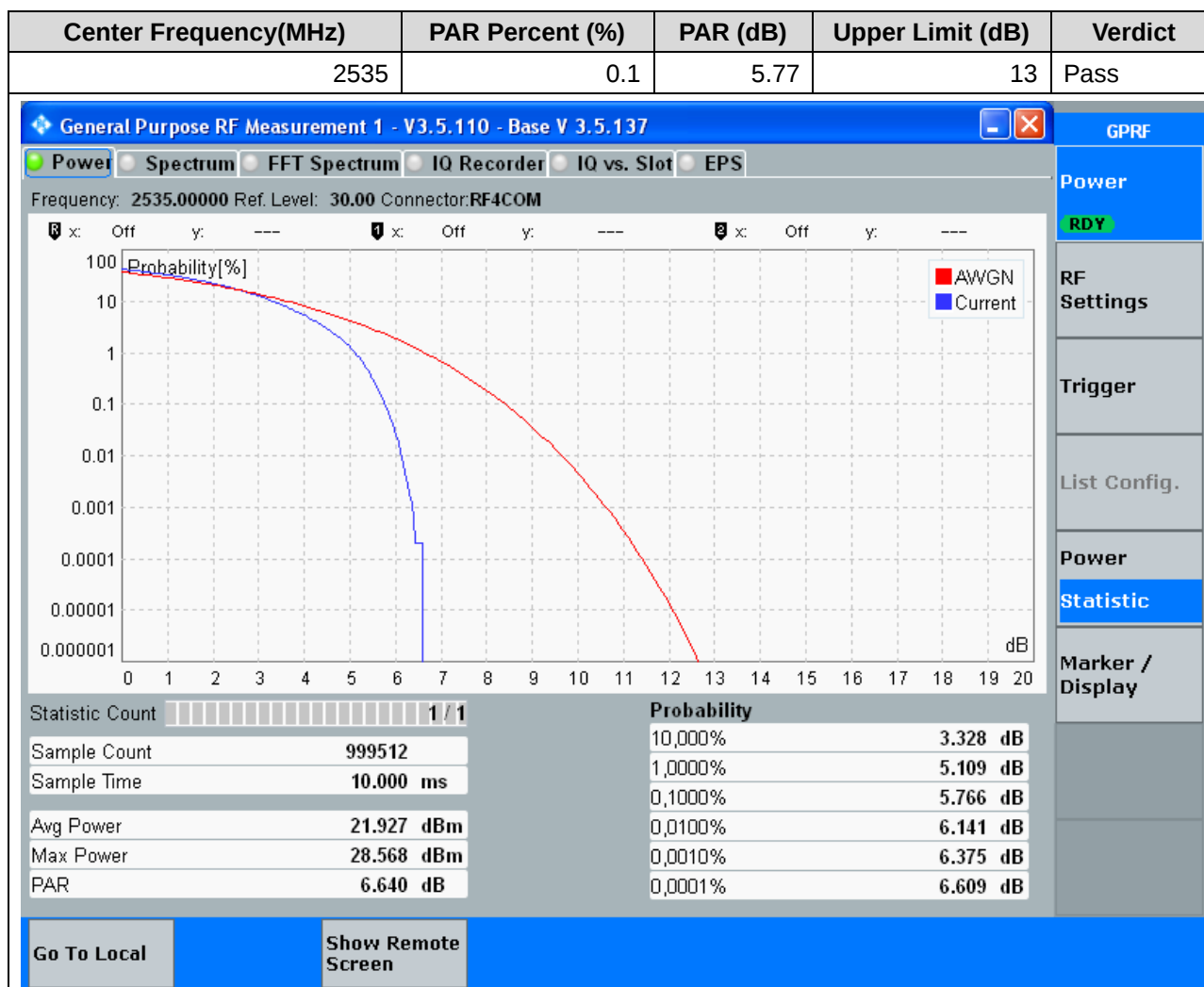
11.3. CA Peak to Average Ratio(NTNV)(Subtest:3, Channel:21051+21195, Bandwidth:20+10, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)



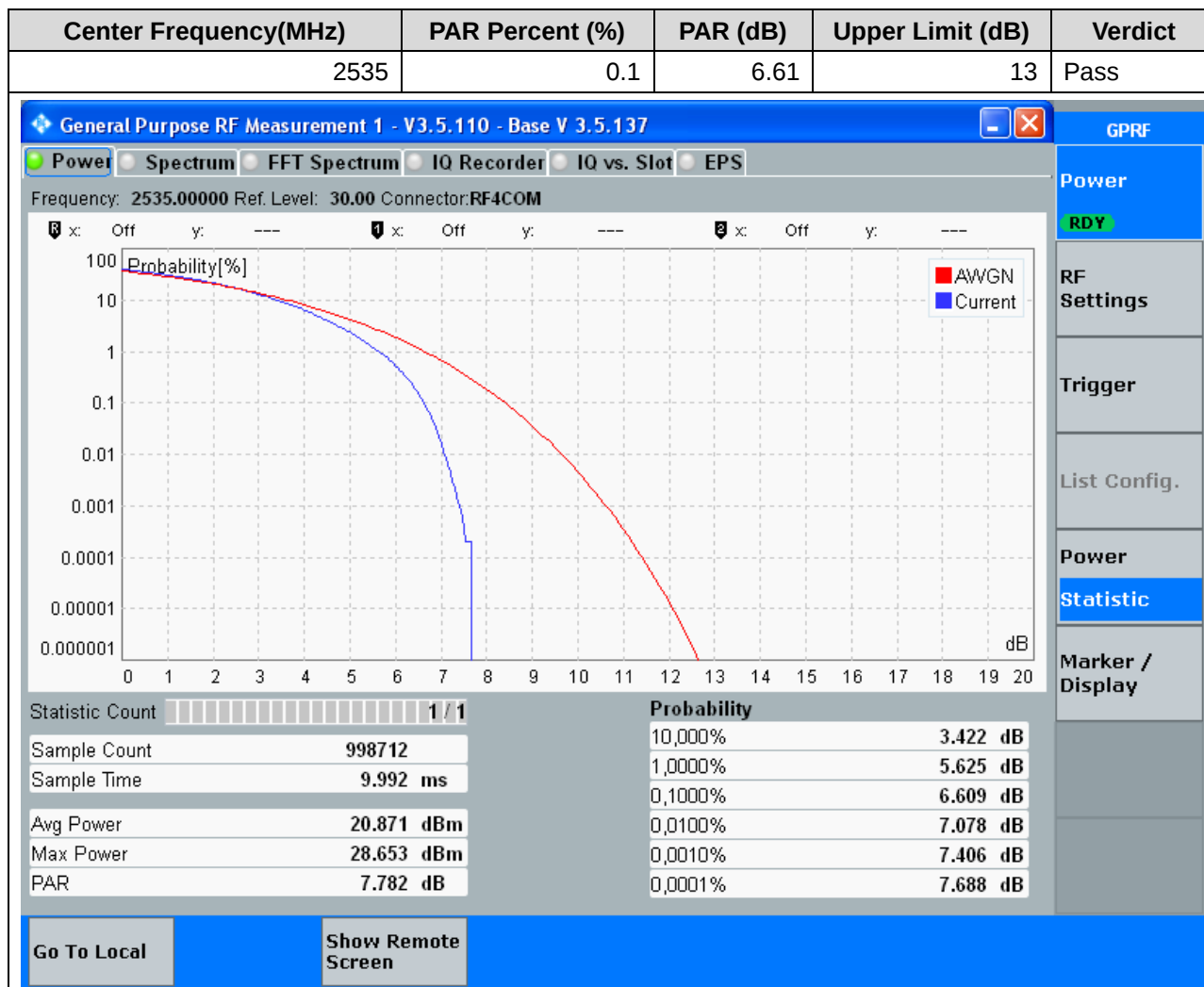
11.4. CA Peak to Average Ratio(NTNV)(Subtest:4, Channel:21051+21195, Bandwidth:20+10, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)



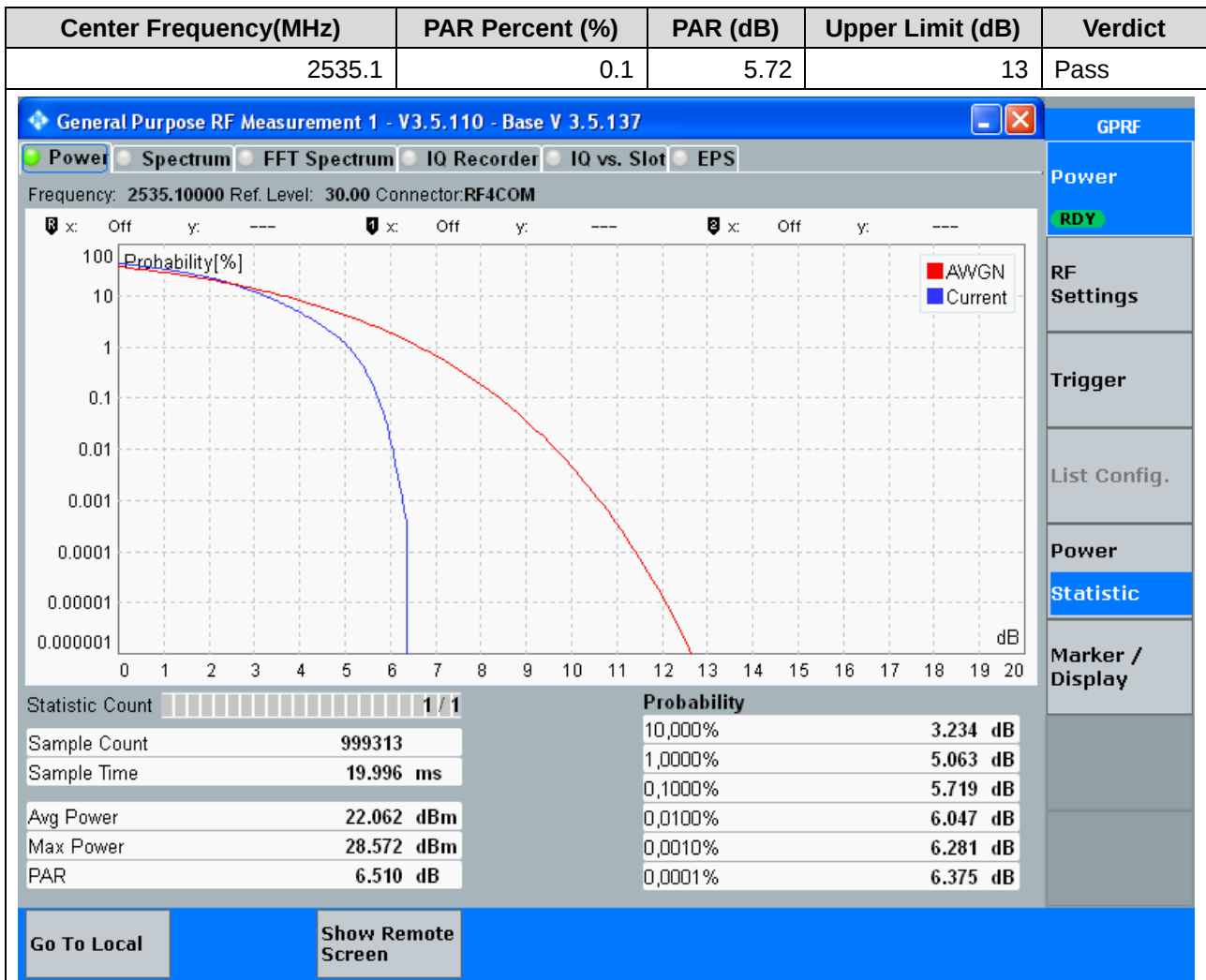
11.5. CA Peak to Average Ratio(NTNV)(Subtest:5, Channel:21025+21175, Bandwidth:15+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)



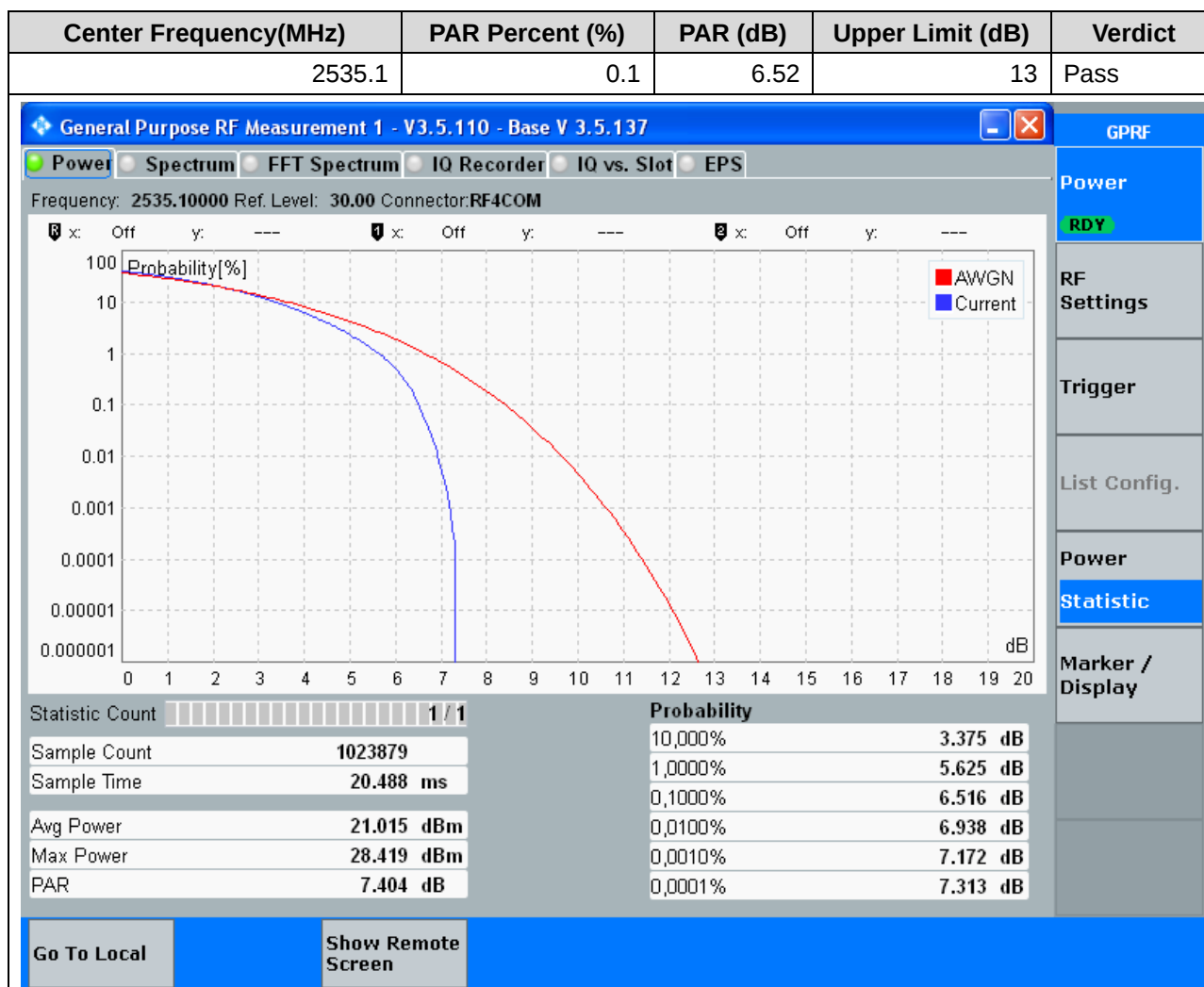
11.6. CA Peak to Average Ratio(NTNV)(Subtest:6, Channel:21025+21175, Bandwidth:15+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)



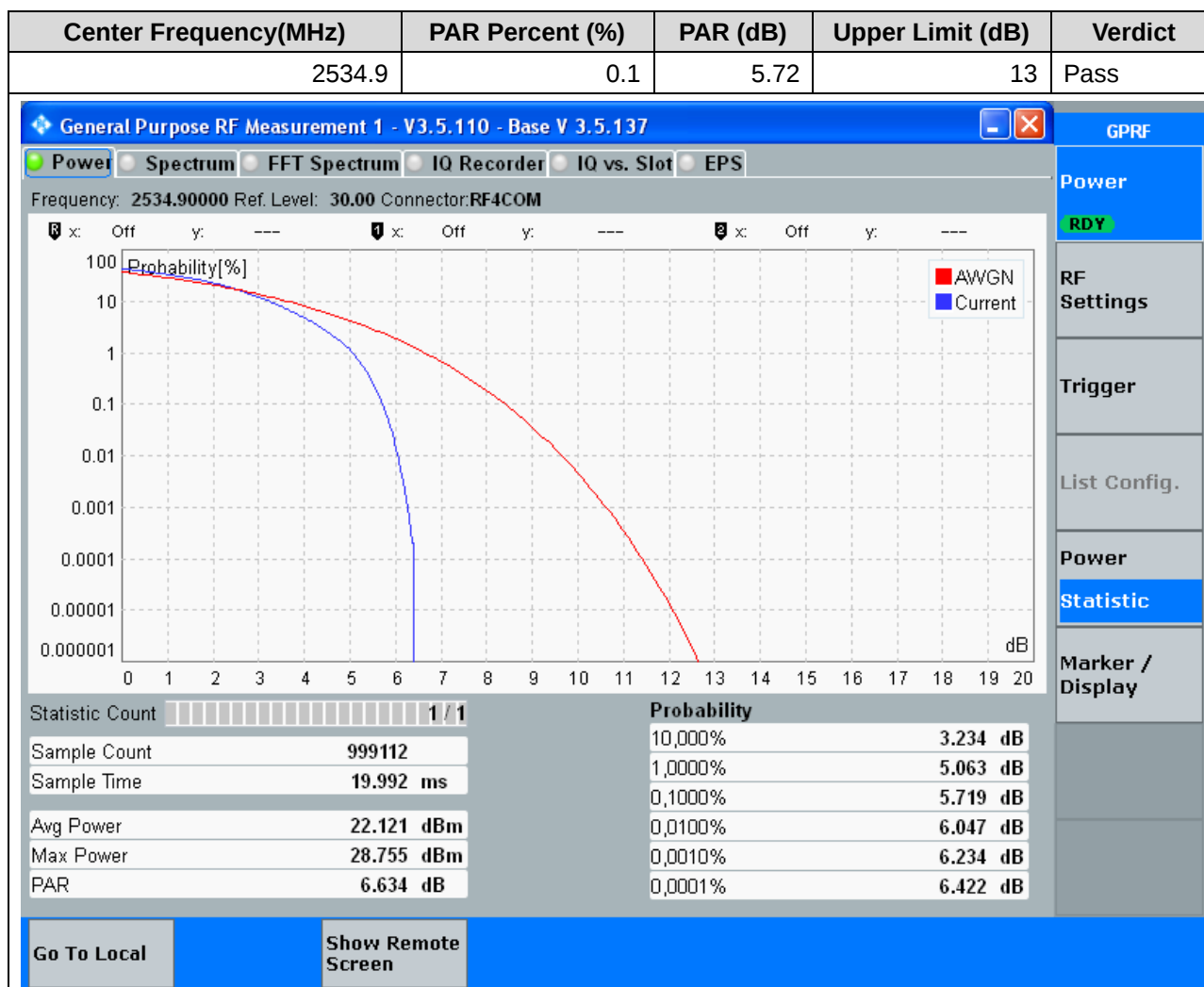
11.7. CA Peak to Average Ratio(NTNV)(Subtest:7, Channel:21003+21174, Bandwidth:15+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)



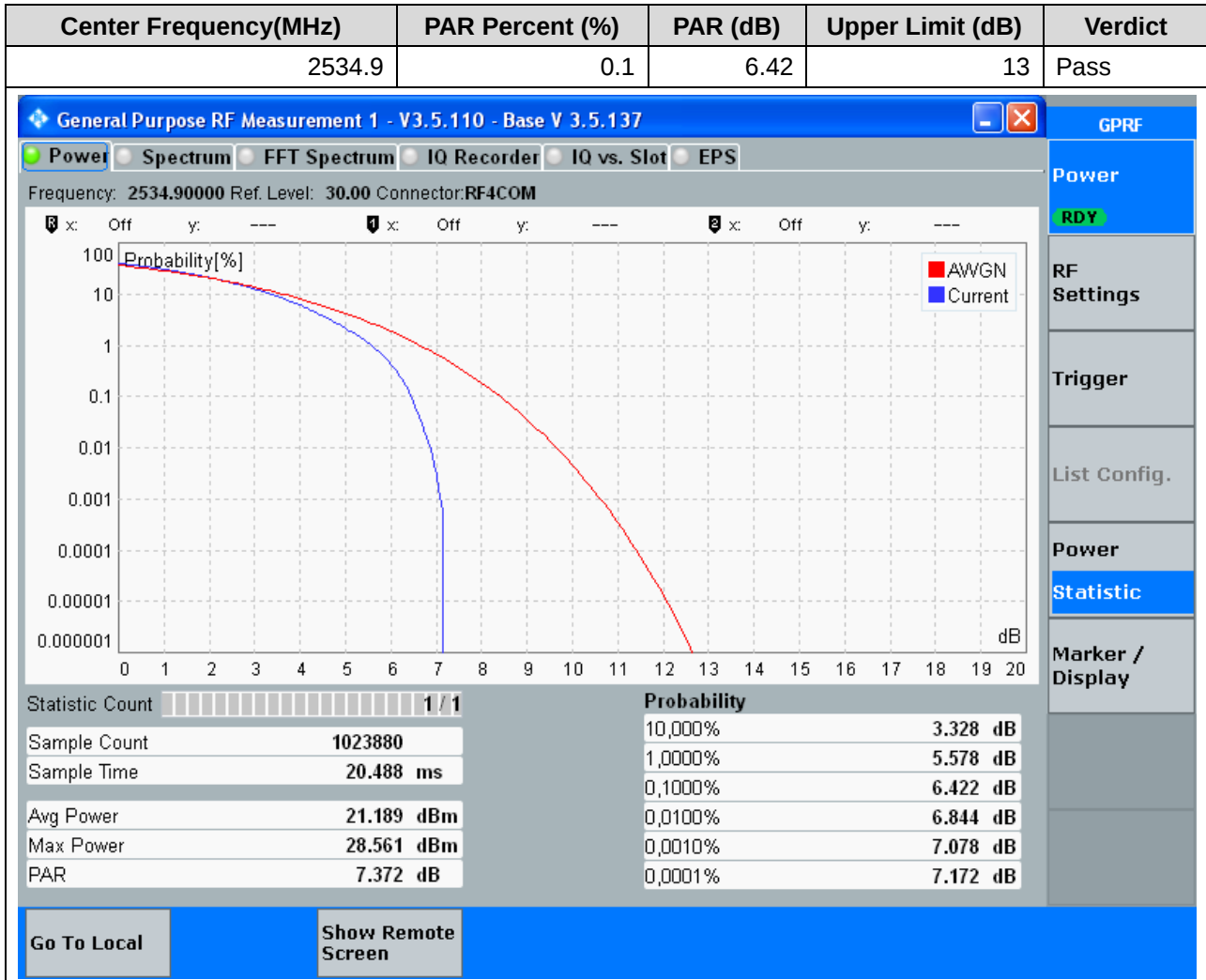
11.8. CA Peak to Average Ratio(NTNV)(Subtest:8, Channel:21003+21174, Bandwidth:15+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)



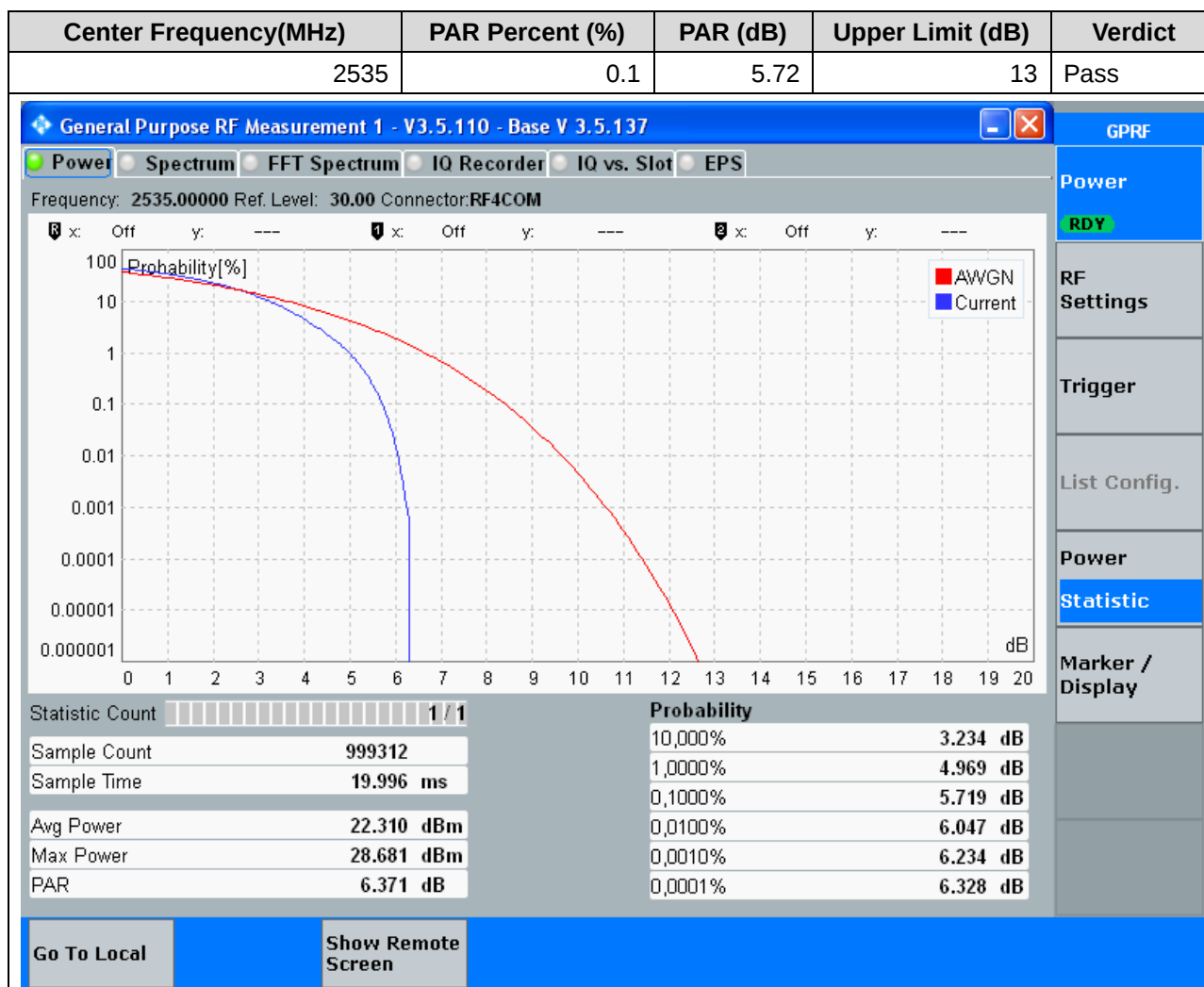
11.9. CA Peak to Average Ratio(NTNV)(Subtest:9, Channel:21026+21197, Bandwidth:20+15, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)



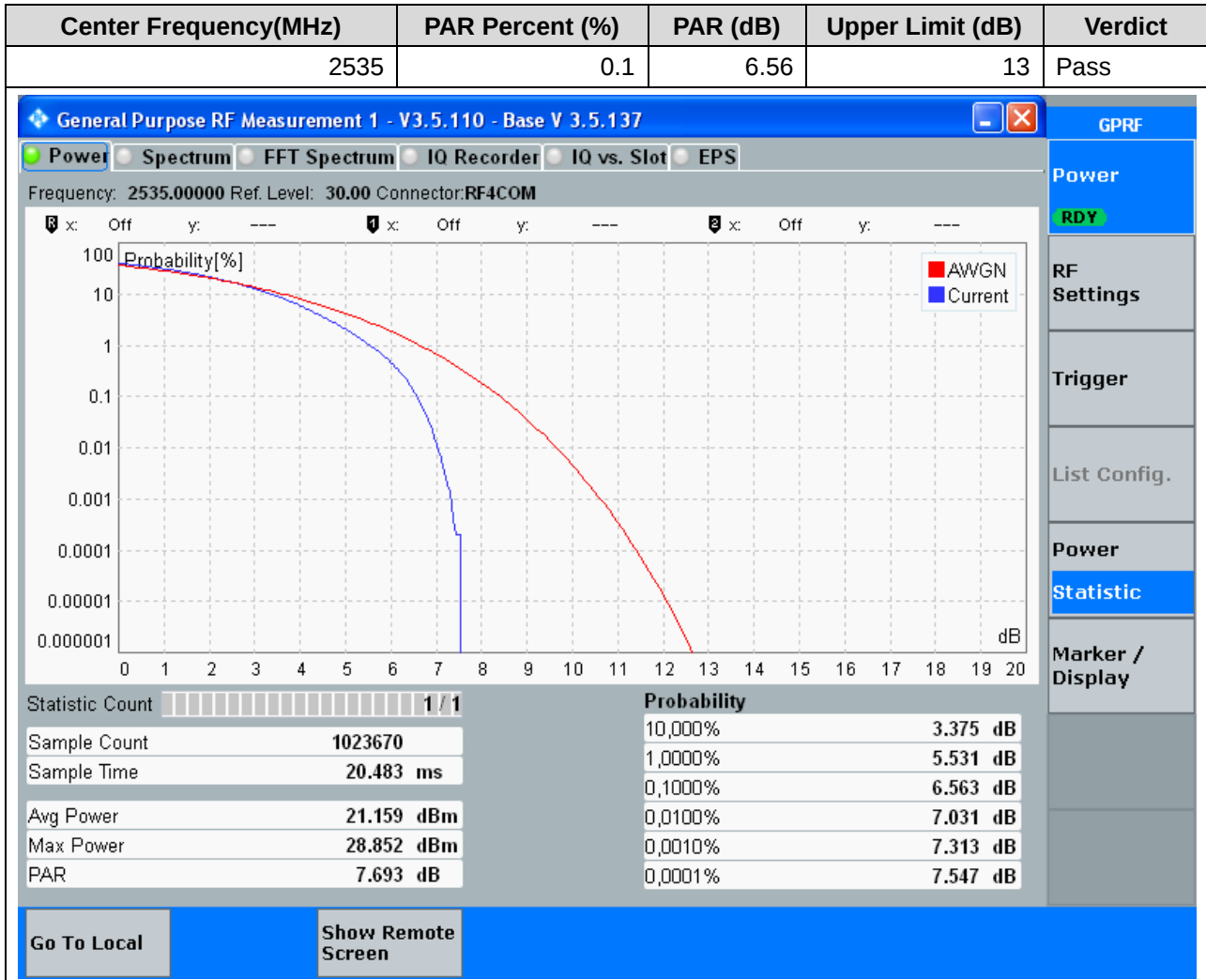
11.10. CA Peak to Average Ratio(NTNV)(Subtest:10, Channel:21026+21197, Bandwidth:20+15, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)



11.11. CA Peak to Average Ratio(NTNV)(Subtest:11, Channel:21001+21199, Bandwidth:20+20, Modulation:QPSK, RB Number:Full+Full, RB Position:Low+Low)

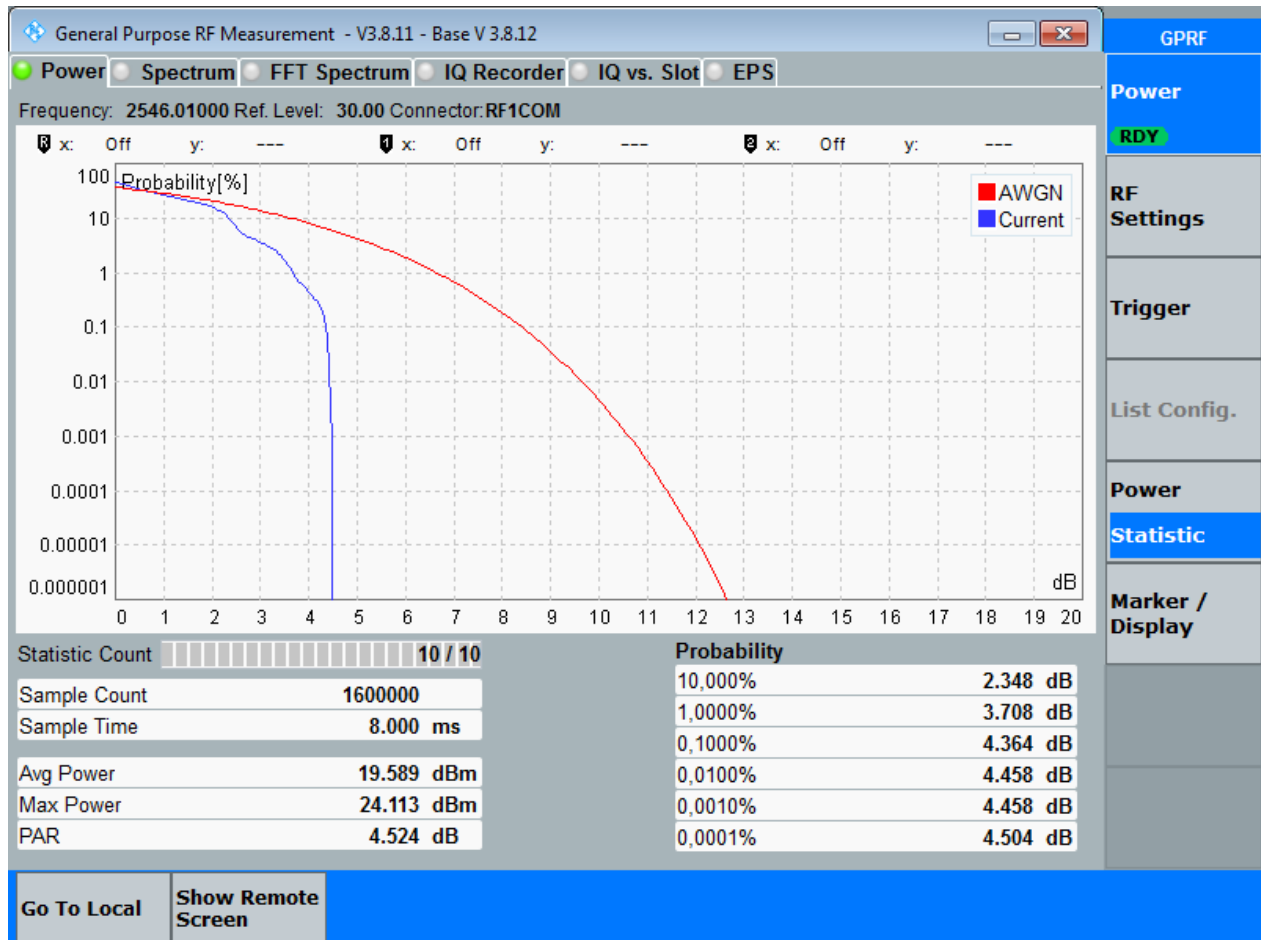


11.12. CA Peak to Average Ratio(NTNV)(Subtest:12, Channel:21001+21199, Bandwidth:20+20, Modulation:16QAM, RB Number:Full+Full, RB Position:Low+Low)



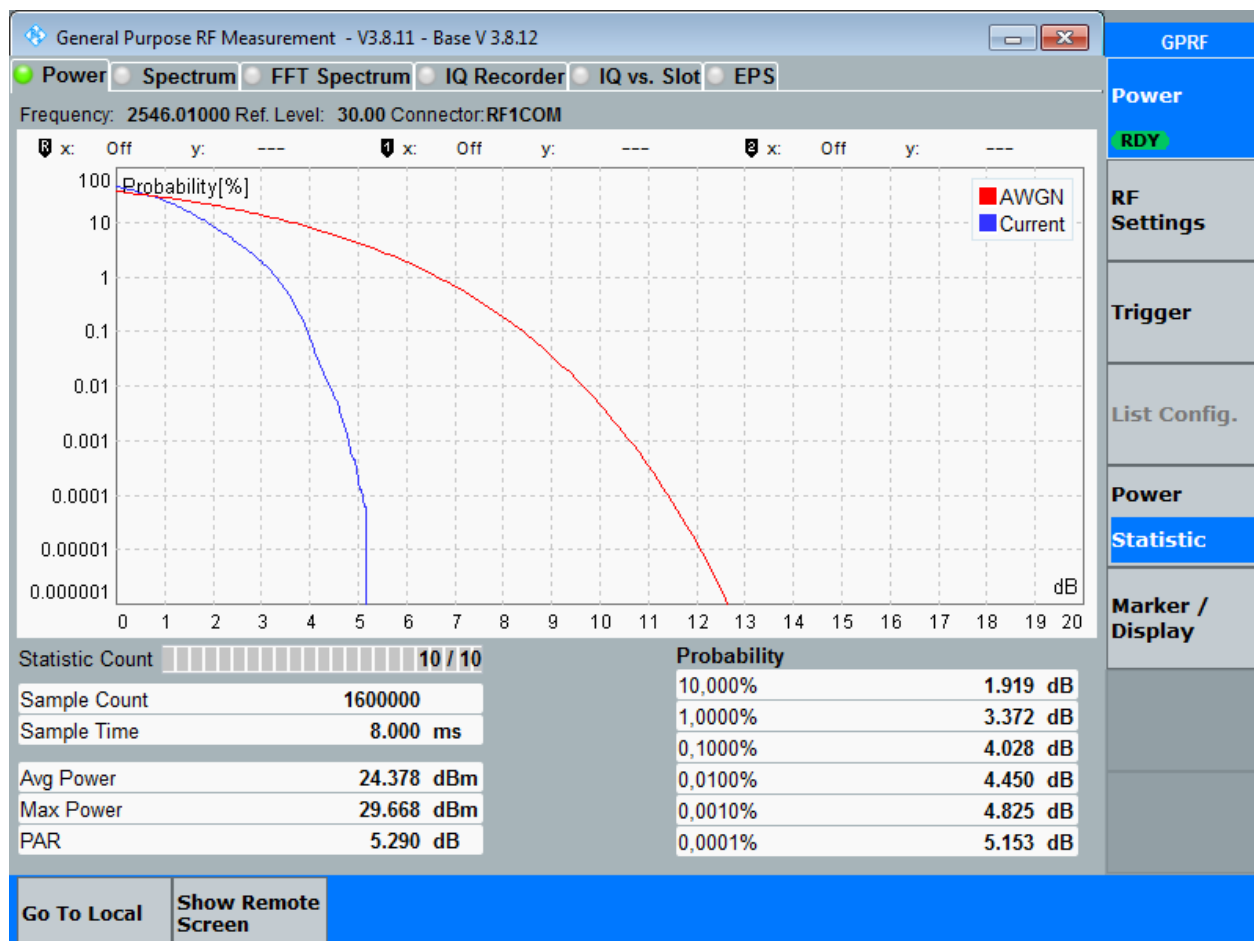
12. NR_n41_SCS30_100M_L_Edge_1RB_Left(Pi2 BPSK)

12.1. NR Peak to Average Ratio_TDD(NTNV)



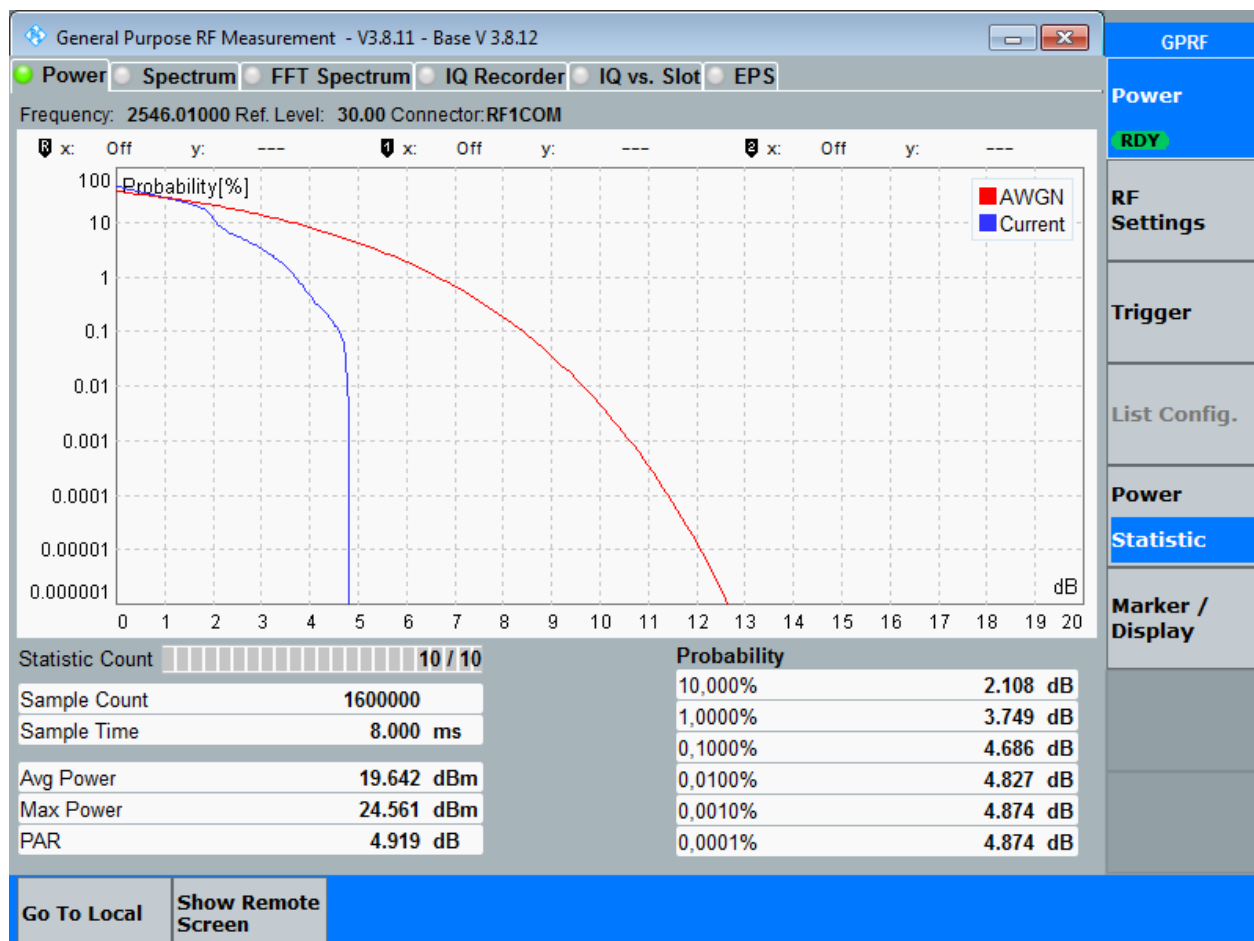
12. NR_n41_SCS30_100M_L_Outer Full(Pi2 BPSK)

12.2. NR Peak to Average Ratio_TDD(NTNV)



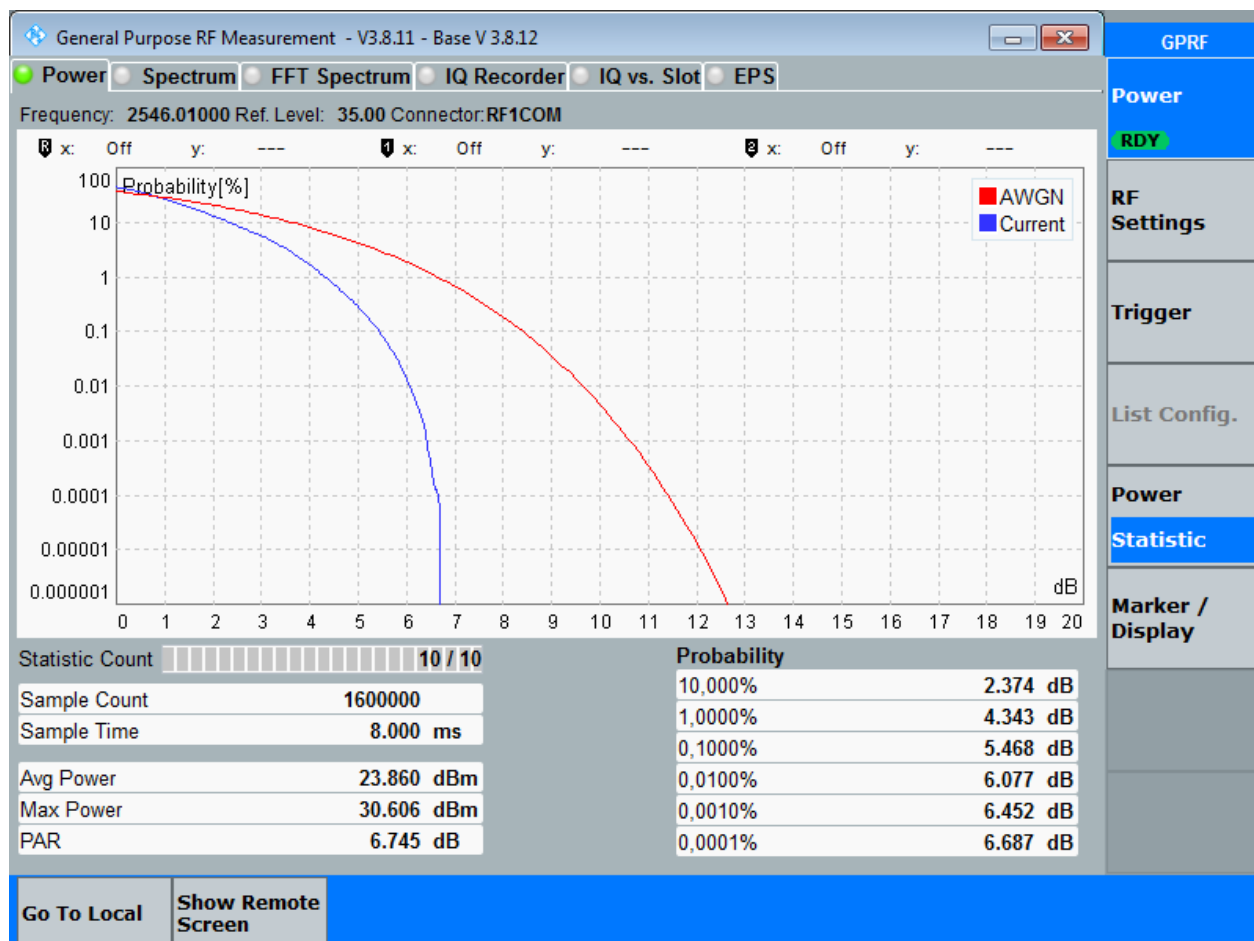
12. NR_n41_SCS30_100M_L_Edge_1RB_Left(QPSK)

12.3. NR Peak to Average Ratio_TDD(NTNV)



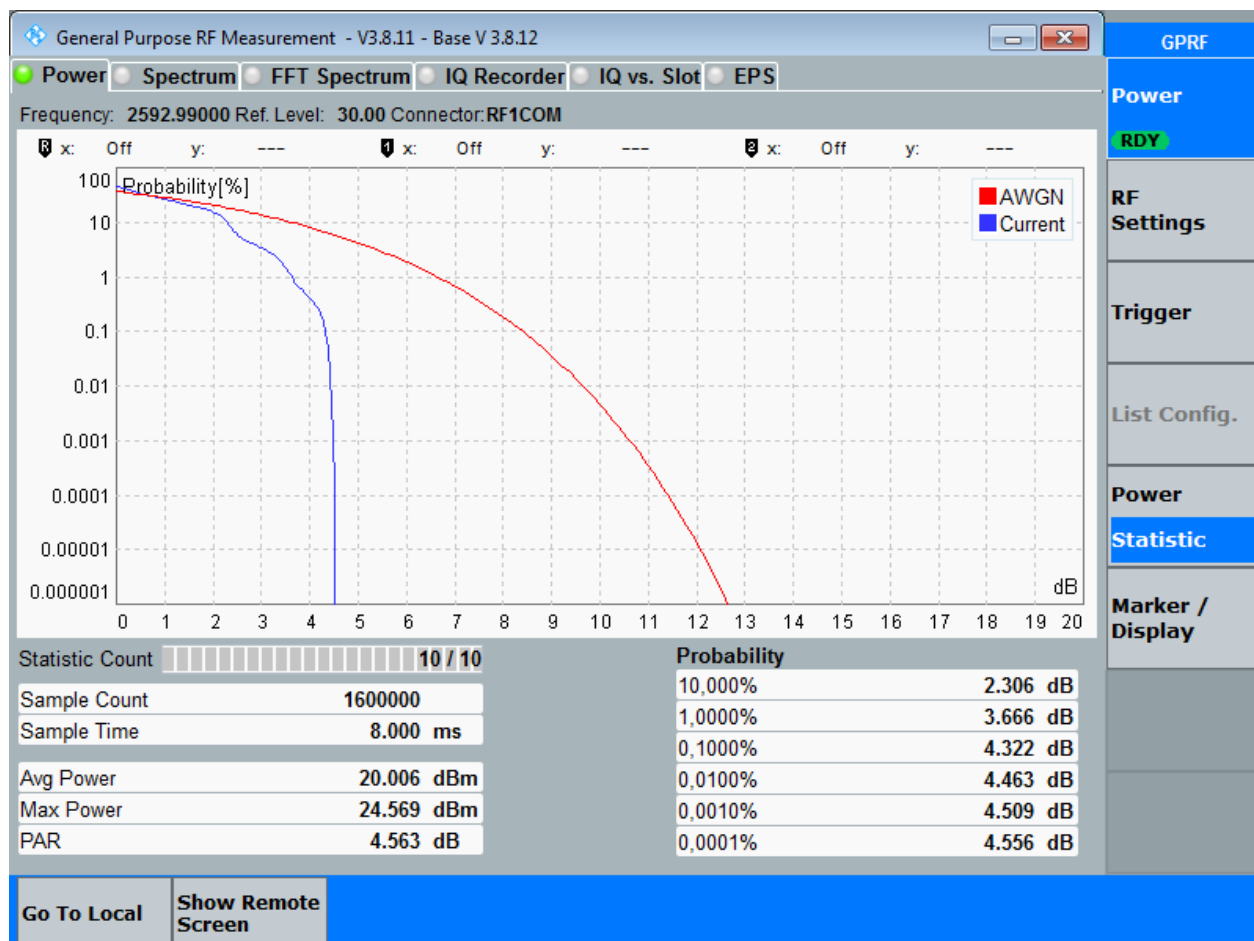
12. NR_n41_SCS30_100M_L_Outer Full(QPSK)

12.4. NR Peak to Average Ratio_TDD(NTNV)



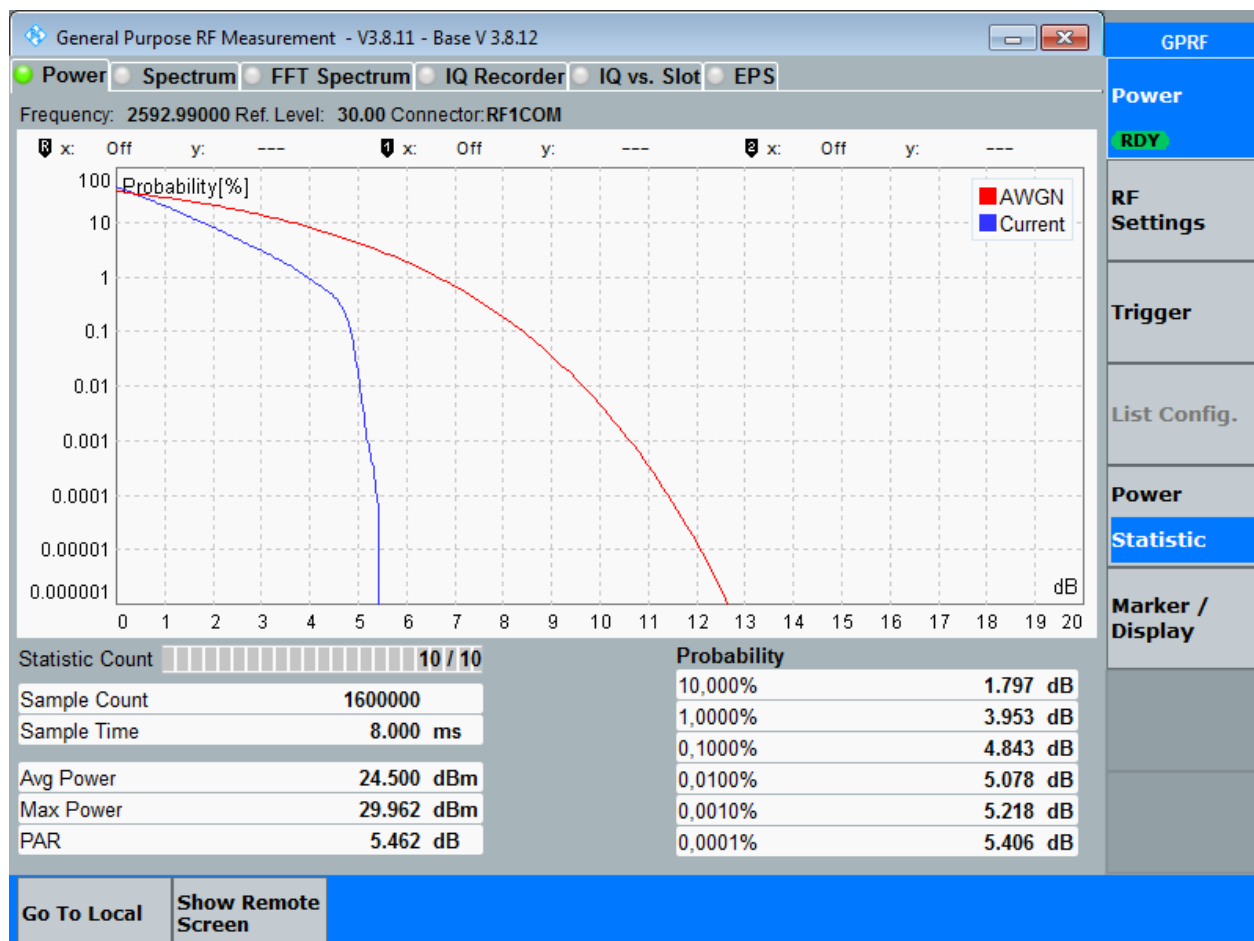
12. NR_n41_SCS30_100M_M_Edge_1RB_Left(Pi2 BPSK)

12.5. NR Peak to Average Ratio_TDD(NTNV)



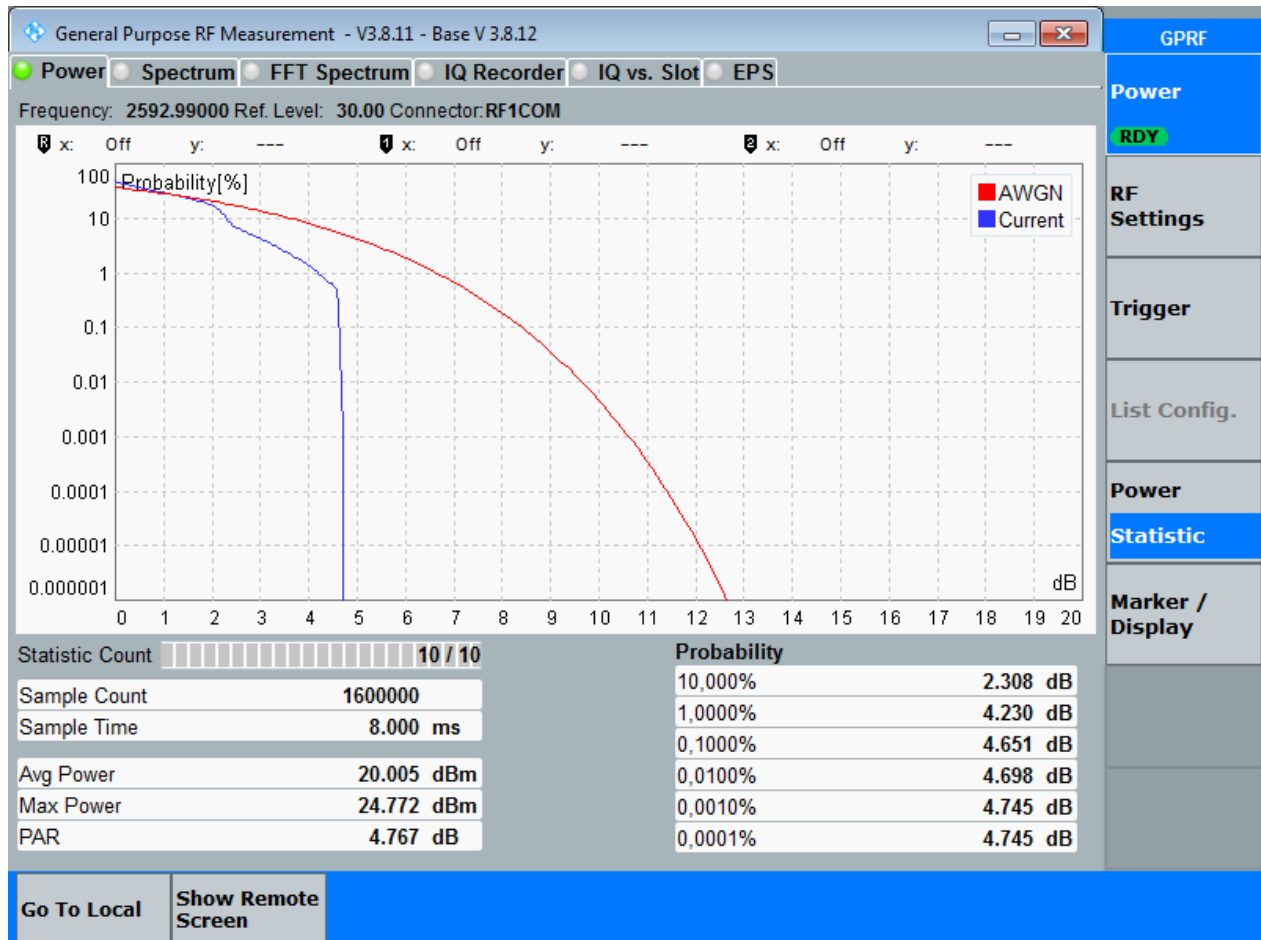
12. NR_n41_SCS30_100M_M_Outer Full(Pi2 BPSK)

12.6. NR Peak to Average Ratio_TDD(NTNV)



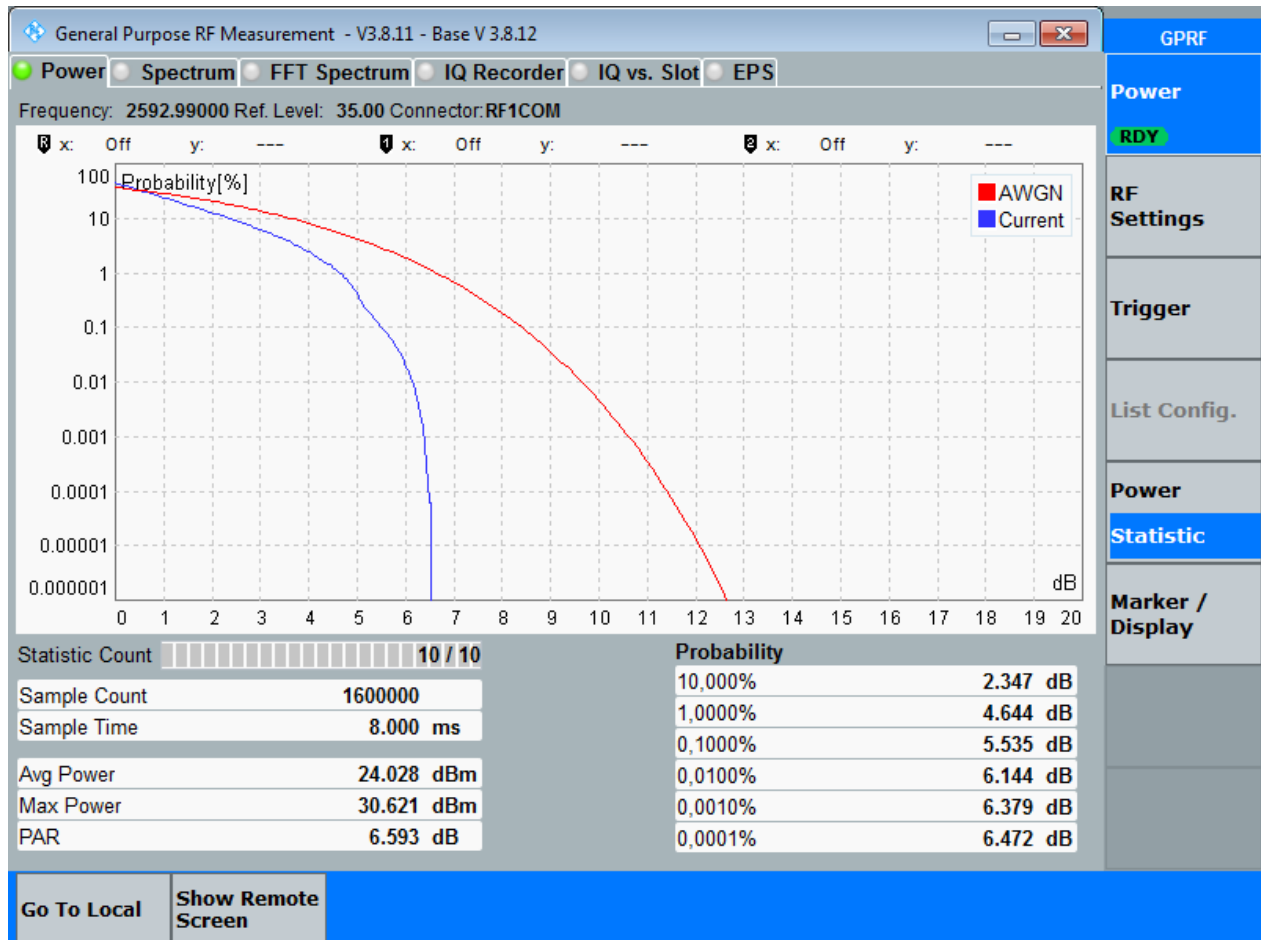
12. NR_n41_SCS30_100M_M_Edge_1RB_Left(QPSK)

12.7. NR Peak to Average Ratio_TDD(NTNV)



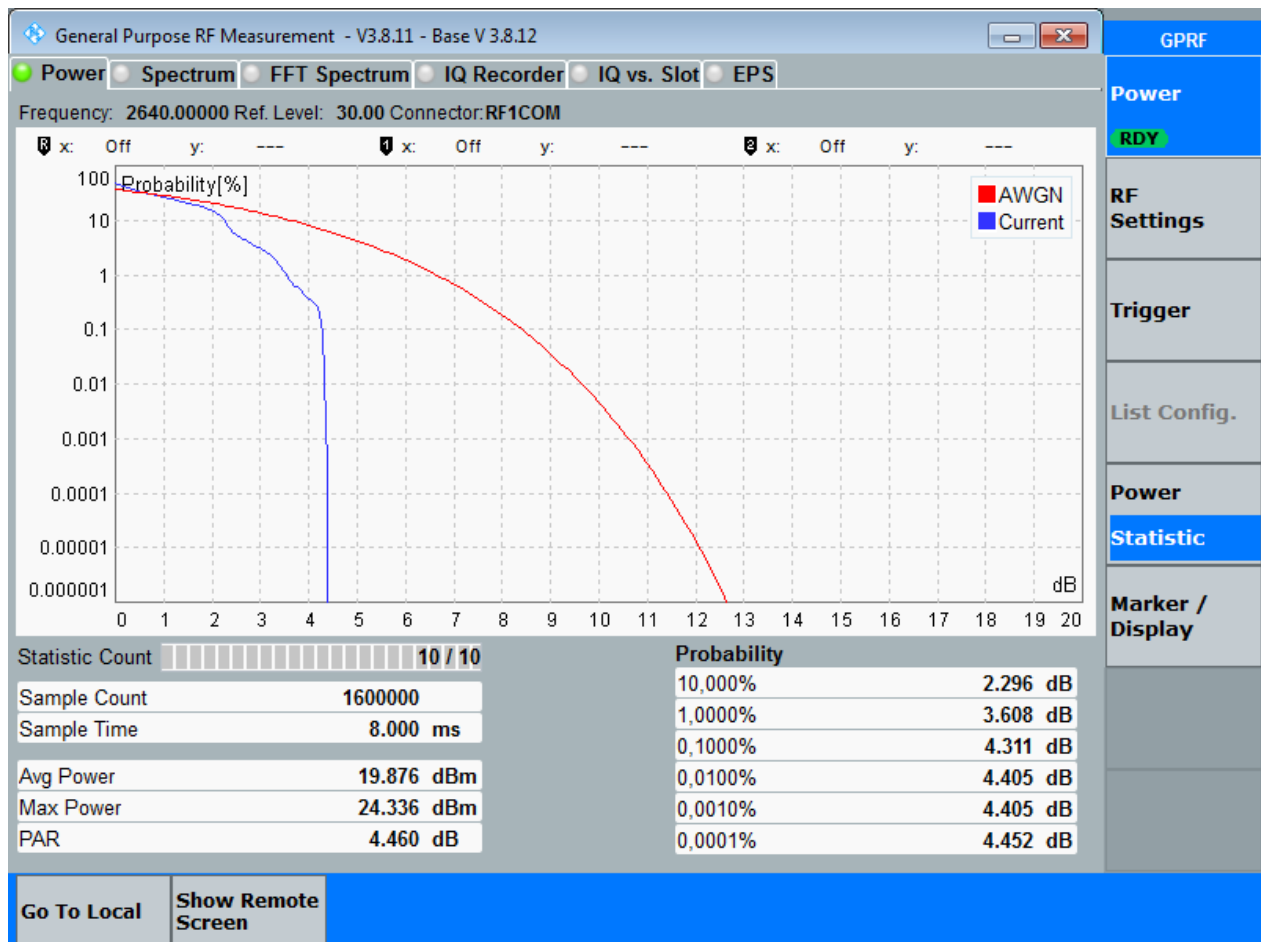
12. NR_n41_SCS30_100M_M_Outer Full(QPSK)

12.8. NR Peak to Average Ratio_TDD(NTNV)



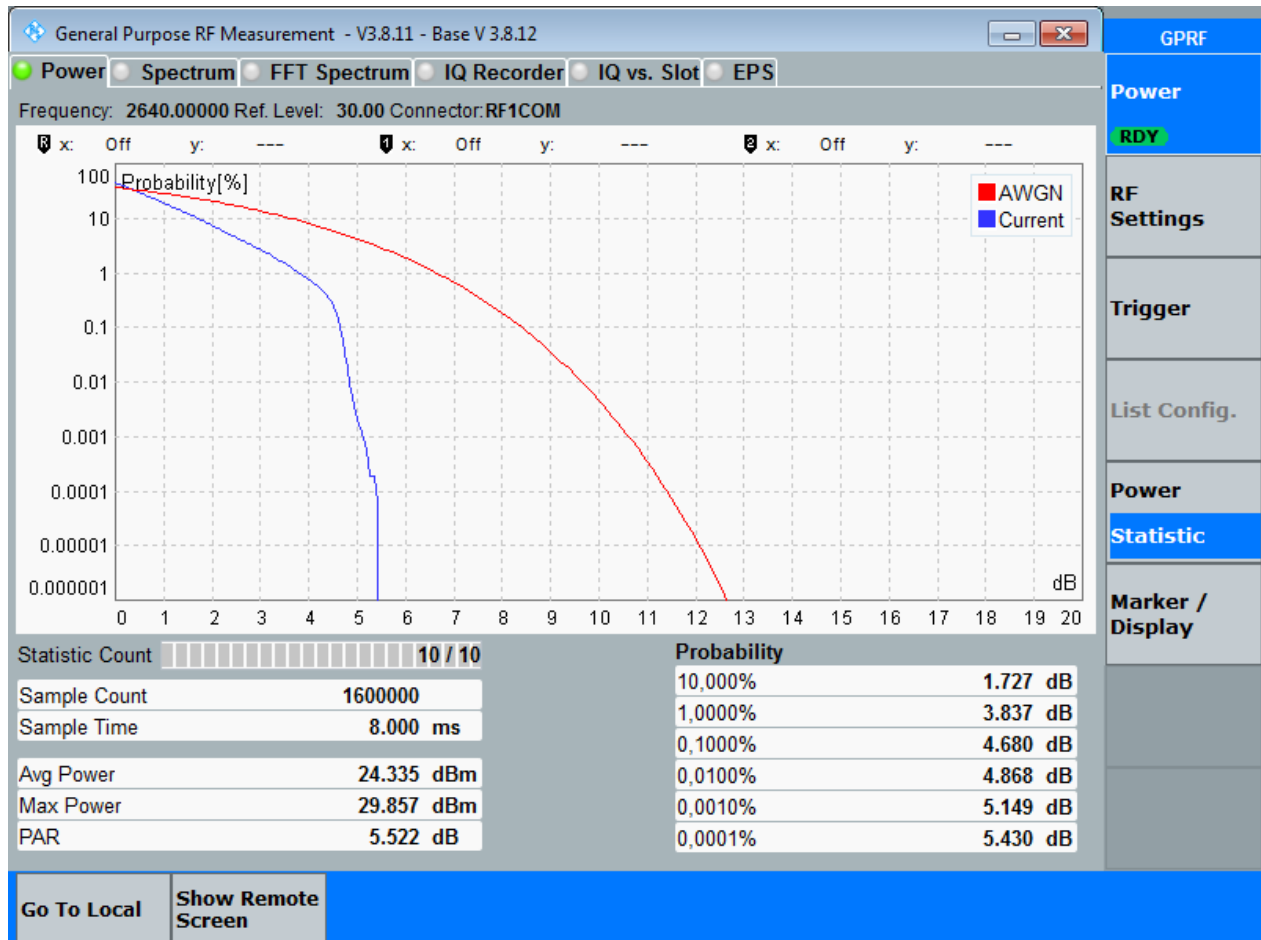
12. NR_n41_SCS30_100M_H_Edge_1RB_Left(Pi2 BPSK)

12.9. NR Peak to Average Ratio_TDD(NTNV)



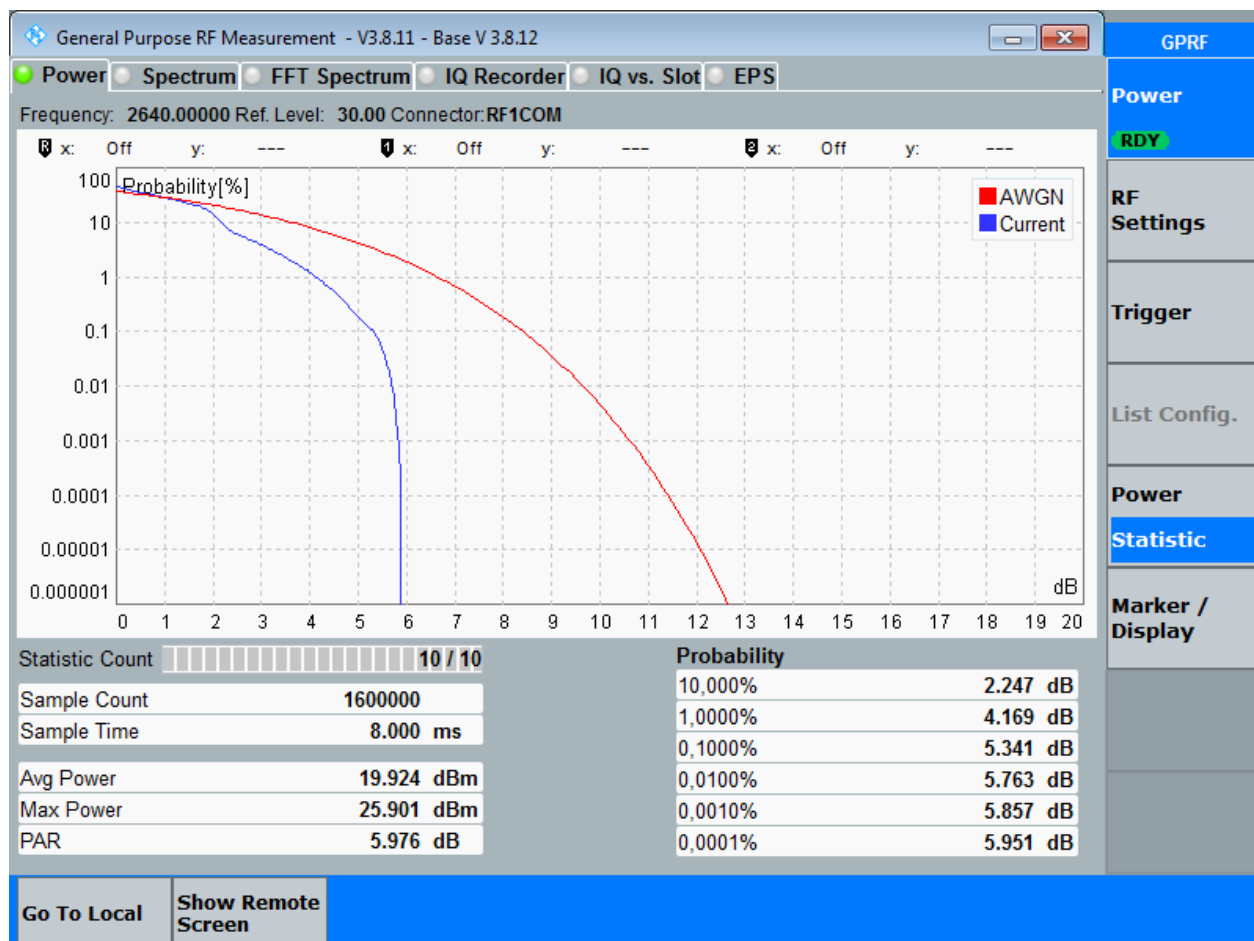
12. NR_n41_SCS30_100M_H_Outer Full(Pi2 BPSK)

12.10. NR Peak to Average Ratio_TDD(NTNV)



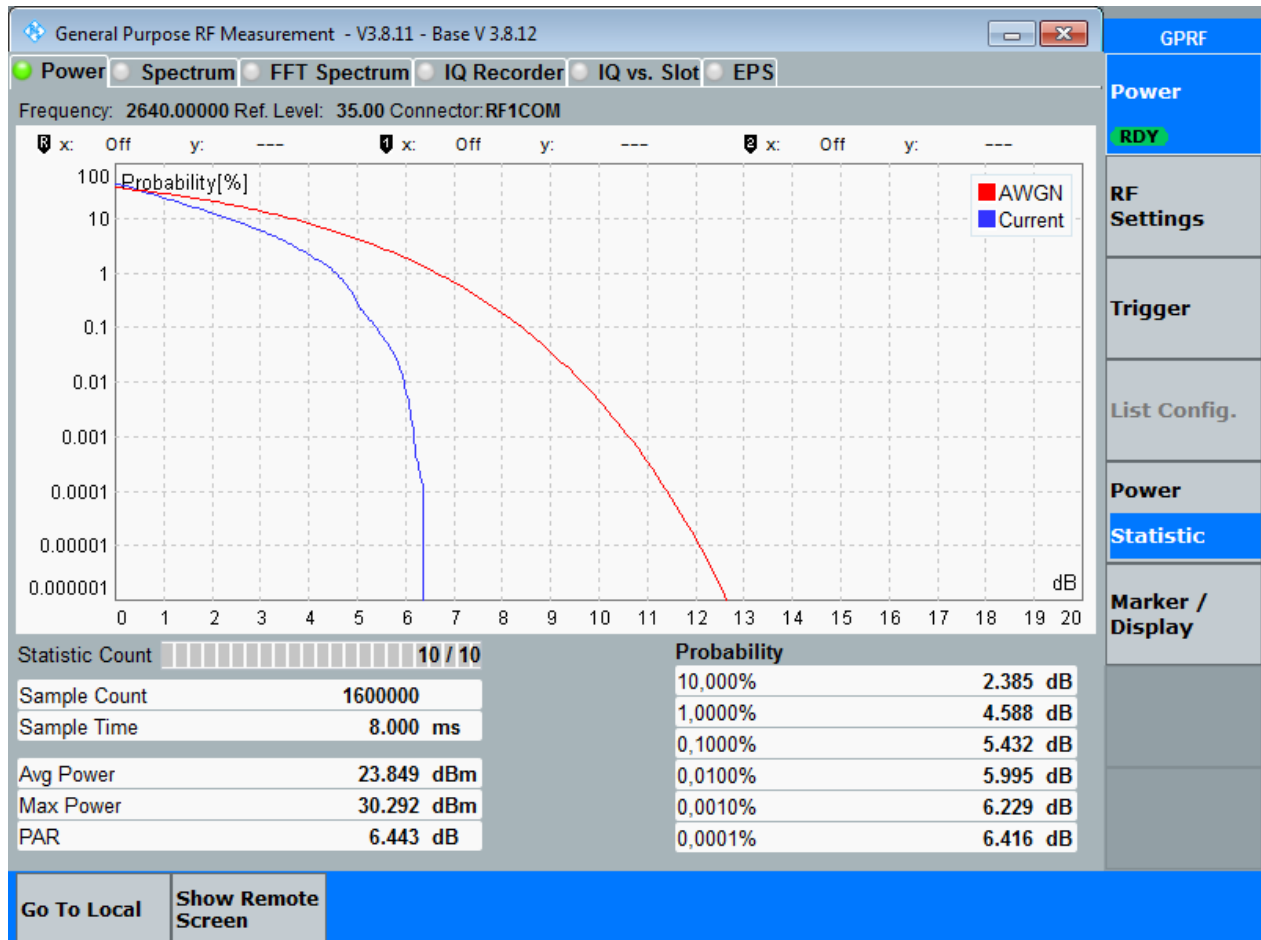
12. NR_n41_SCS30_100M_H_Edge_1RB_Left(QPSK)

12.11. NR Peak to Average Ratio_TDD(NTNV)



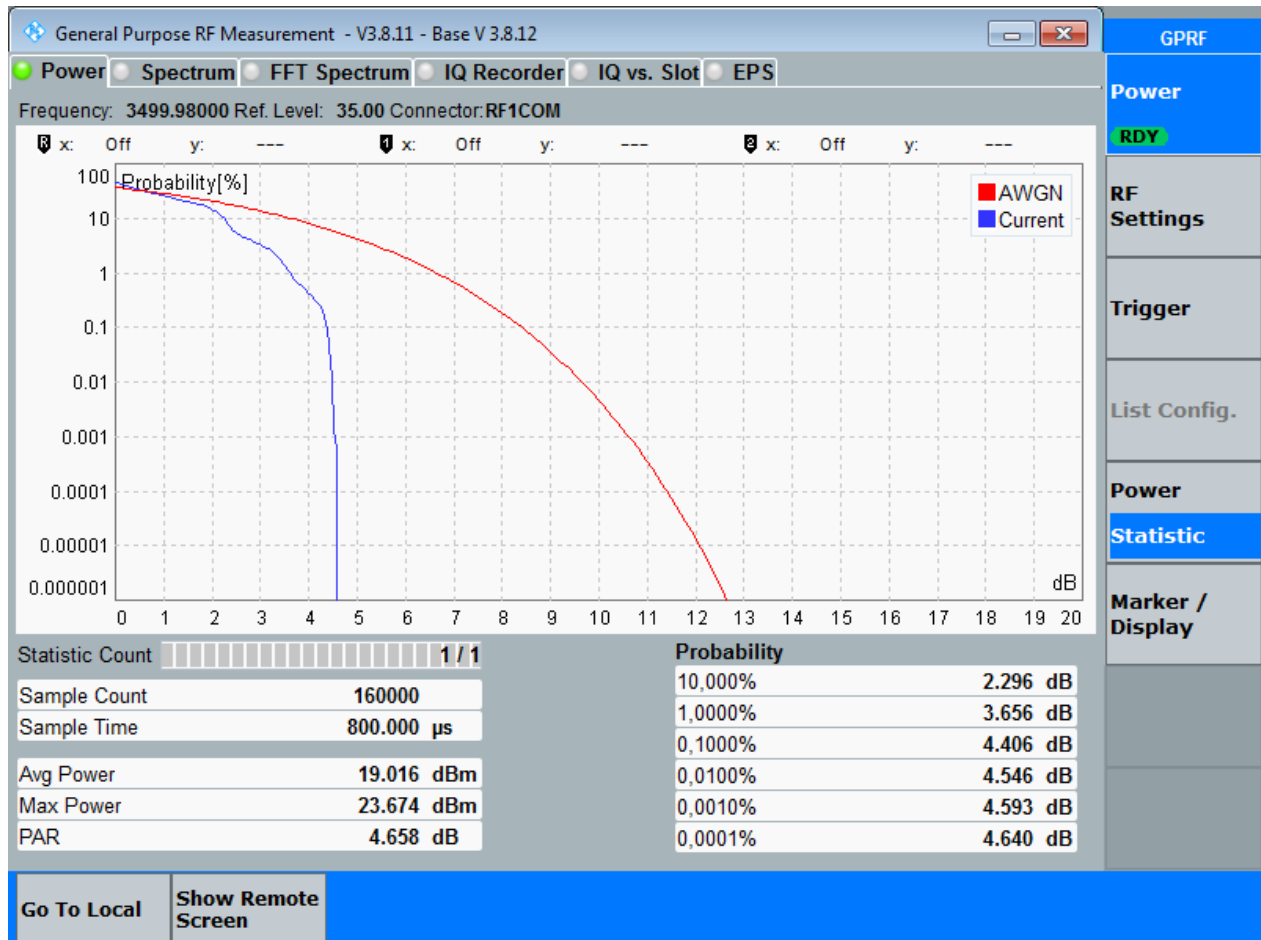
12. NR_n41_SCS30_100M_H_Outer Full(QPSK)

12.12. NR Peak to Average Ratio_TDD(NTNV)



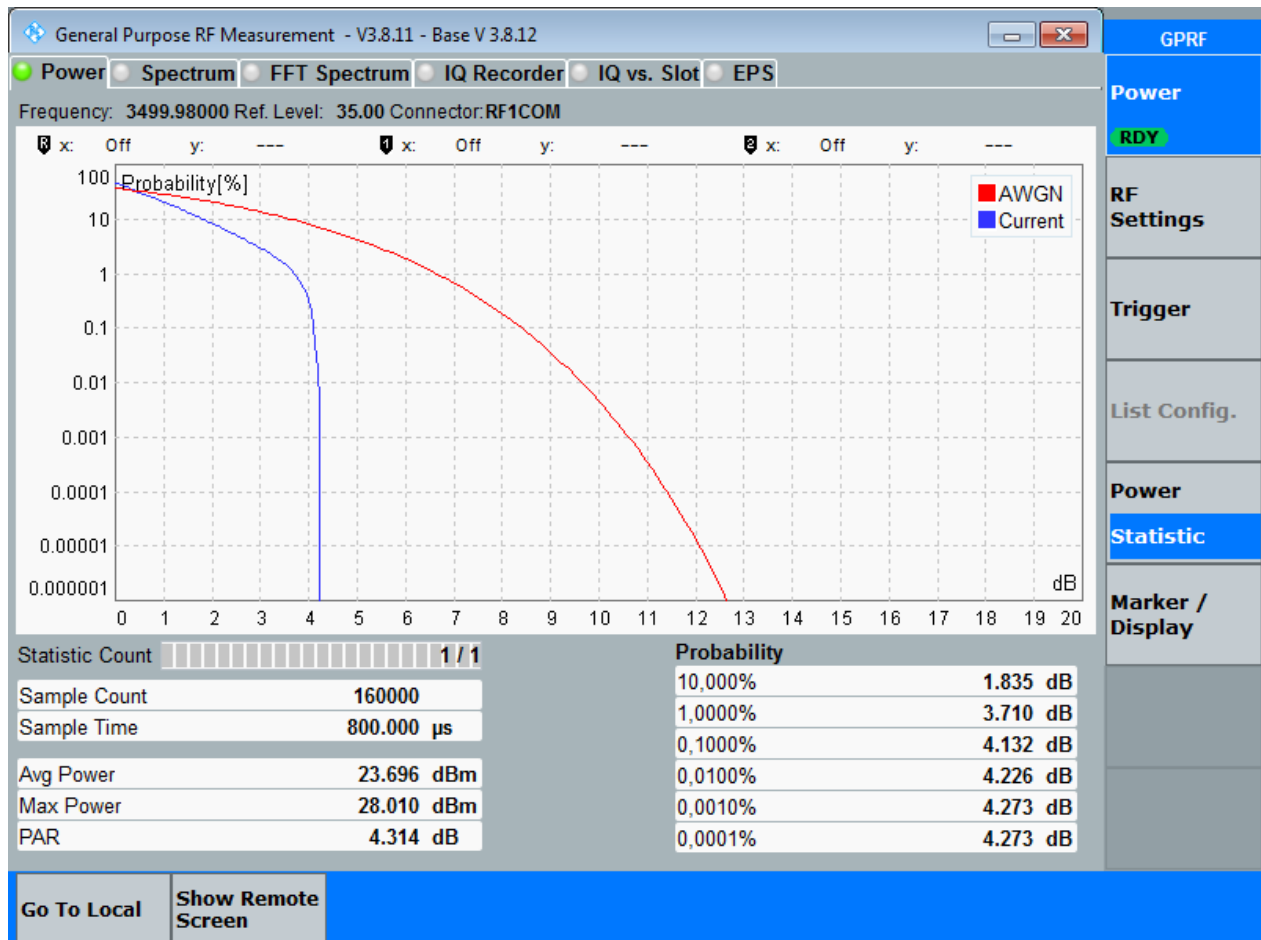
13.NR_n77(3450-3550) _SCS30_100M_M_Edge_1RB_Left(Pi2 BPSK)

13.1. NR Peak to Average Ratio_TDD(NTNV)



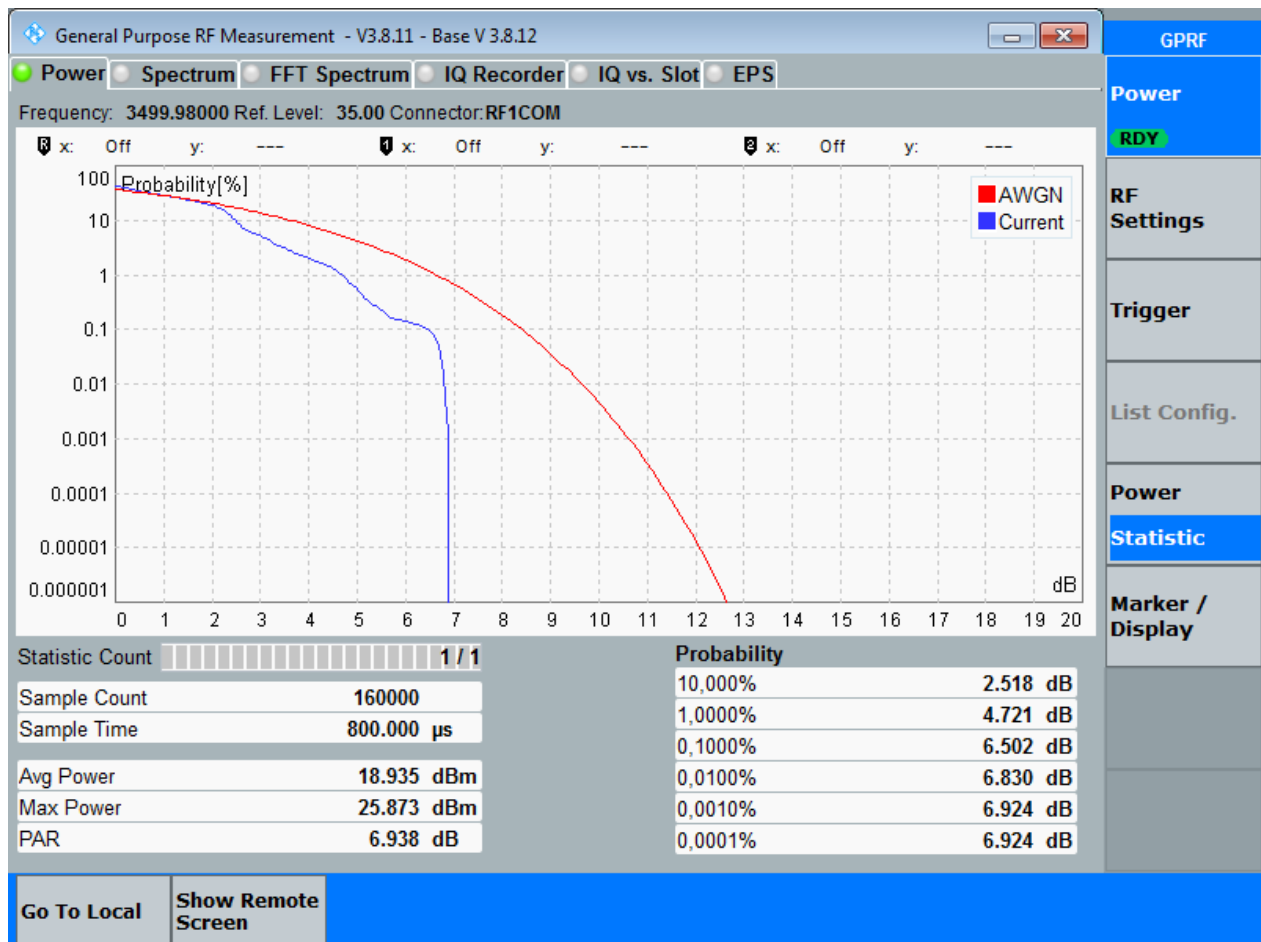
13. NR_n77(3450-3550)_SCS30_100M_M_Outer Full(Pi2 BPSK)

13.2. NR Peak to Average Ratio_TDD(NTNV)



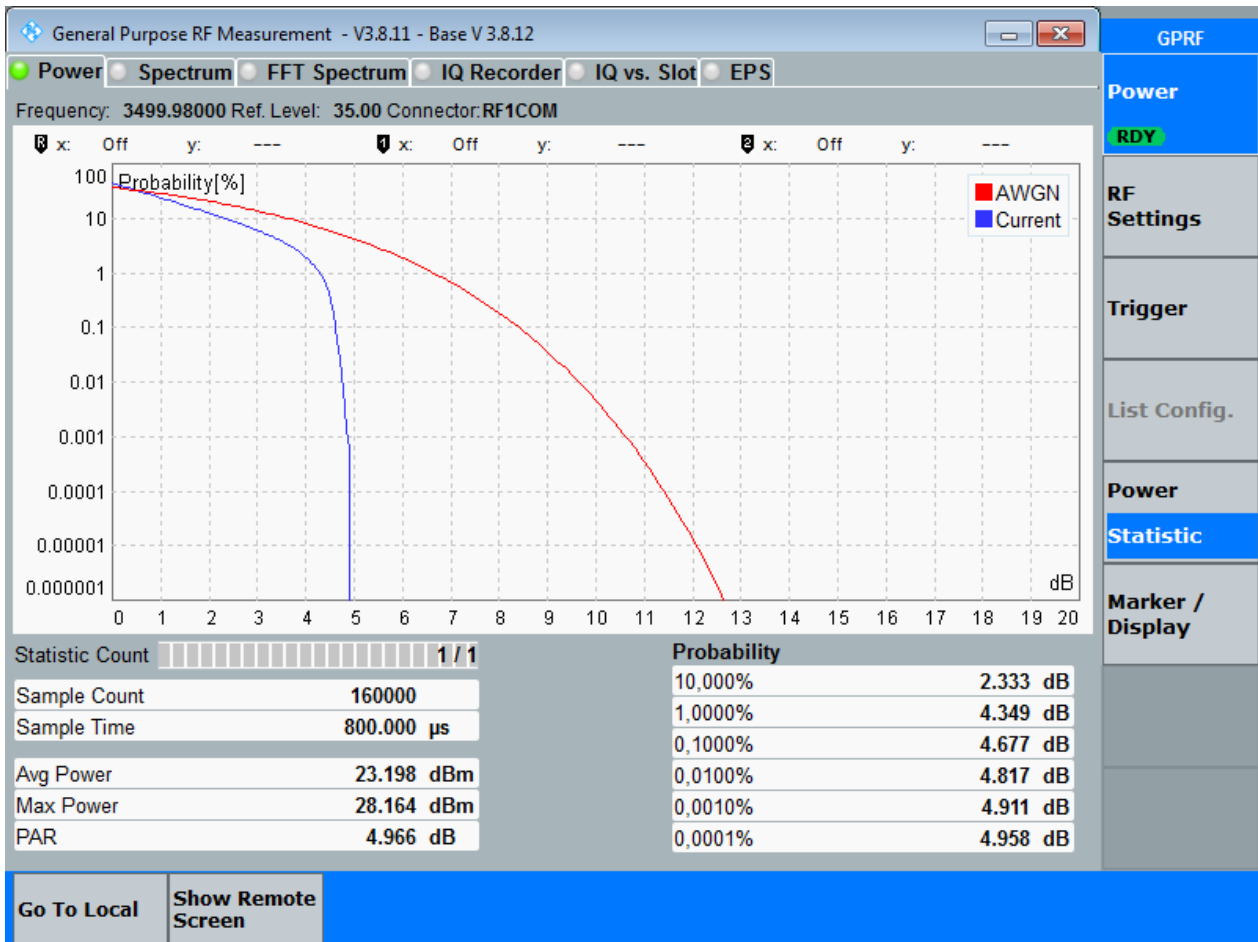
13. NR_n77(3450-3550)_SCS30_100M_M_Edge_1RB_Left(QPSK)

13.3. NR Peak to Average Ratio_TDD(NTNV)



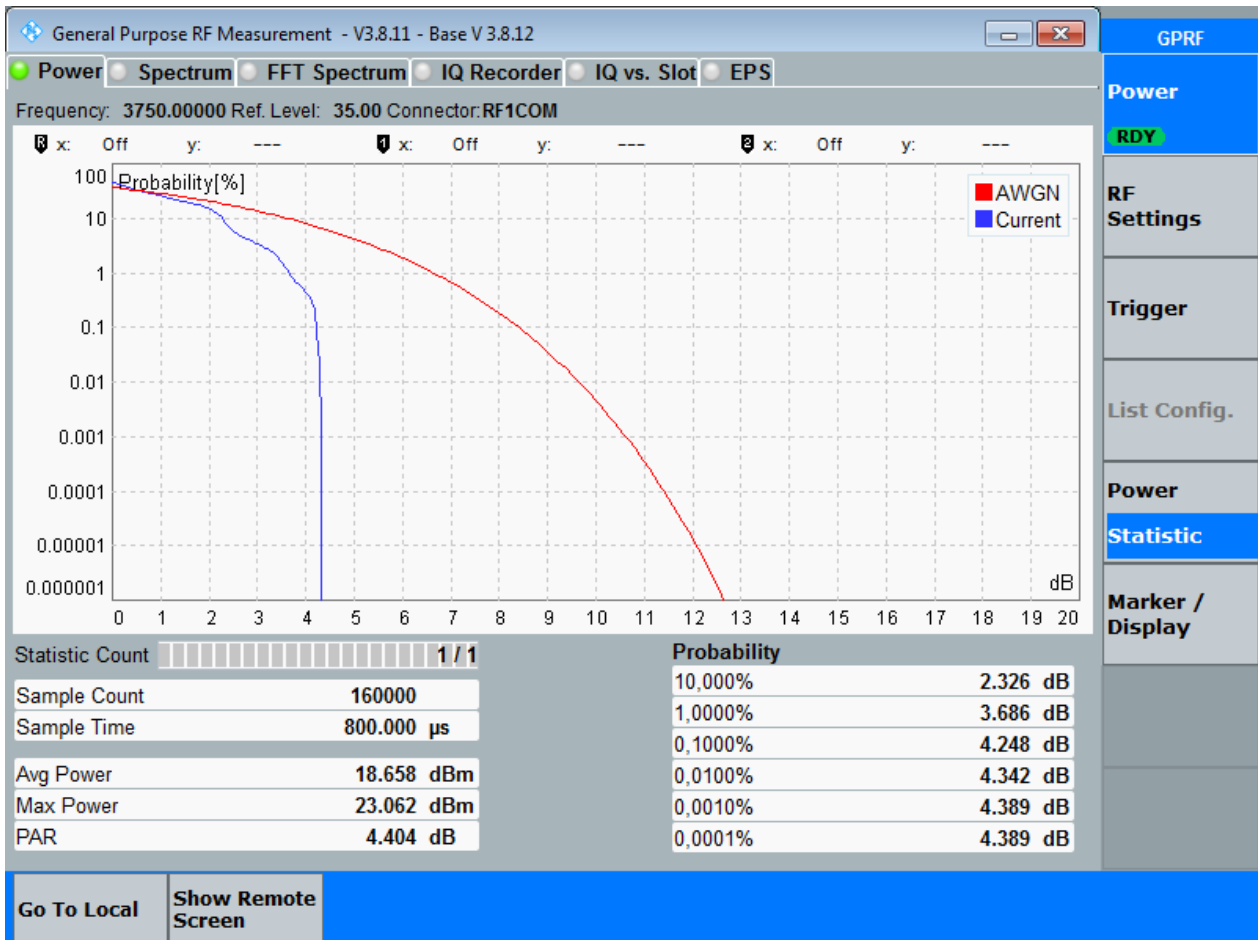
13. NR_n77(3450-3550)_SCS30_100M_M_Outer Full(QPSK)

13.4. NR Peak to Average Ratio_TDD(NTNV)



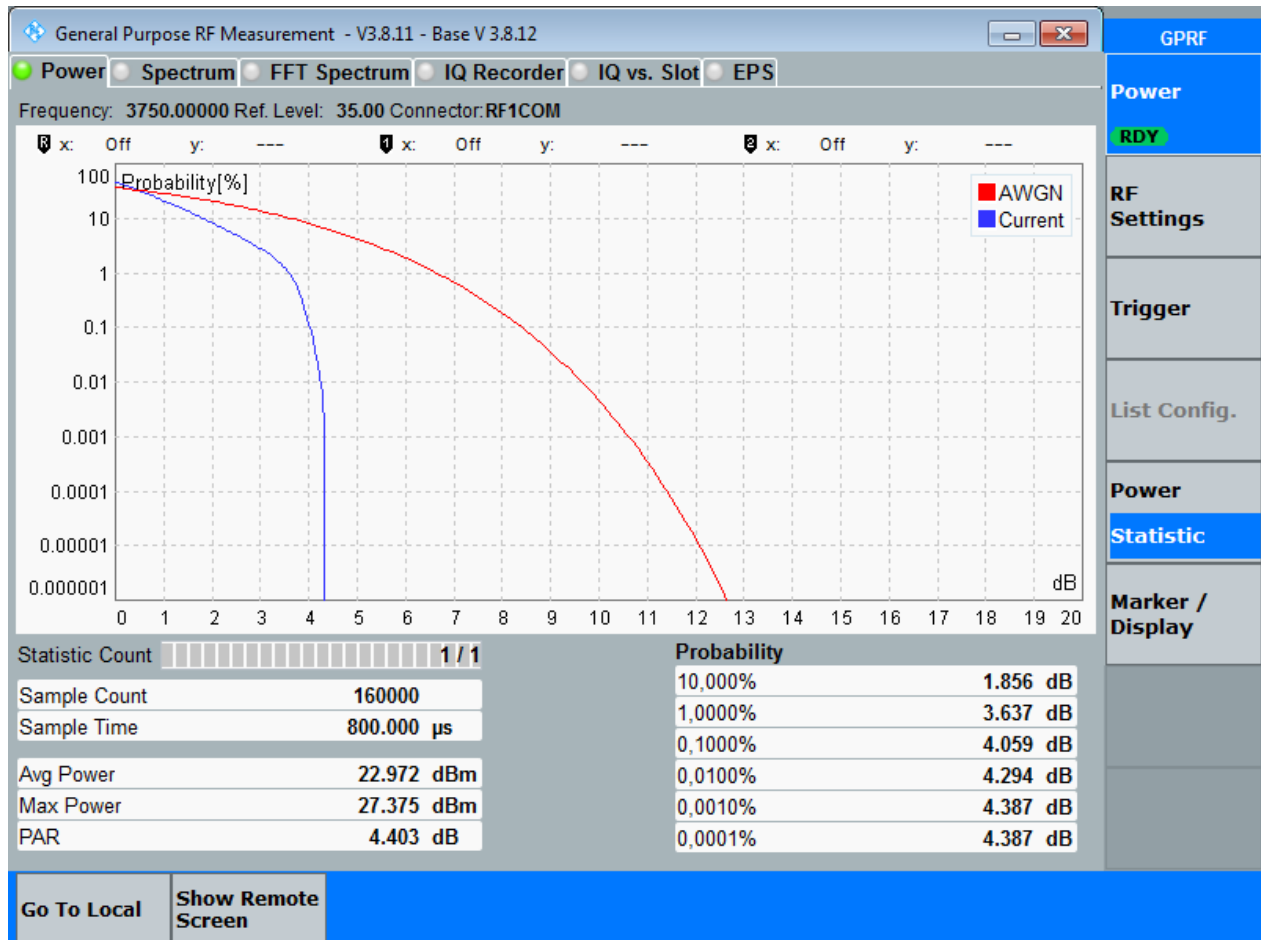
13. NR_n77(3700-3980)_SCS30_100M_L_Edge_1RB_Left(Pi2 BPSK)

13.5. NR Peak to Average Ratio_TDD(NTNV)



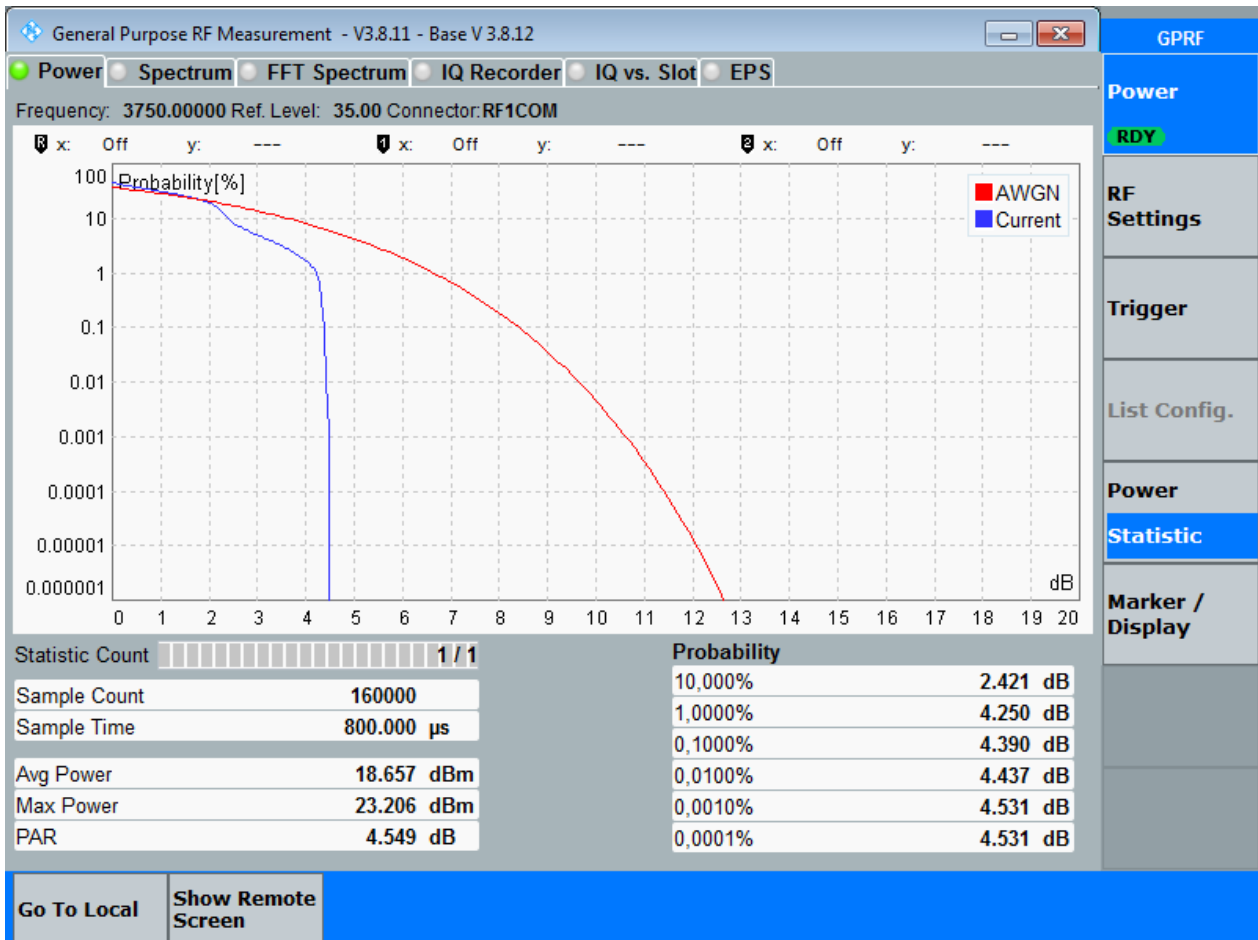
13. NR_n77(3700-3980)_SCS30_100M_L_Outer Full(Pi2 BPSK)

13.6. NR Peak to Average Ratio_TDD(NTNV)



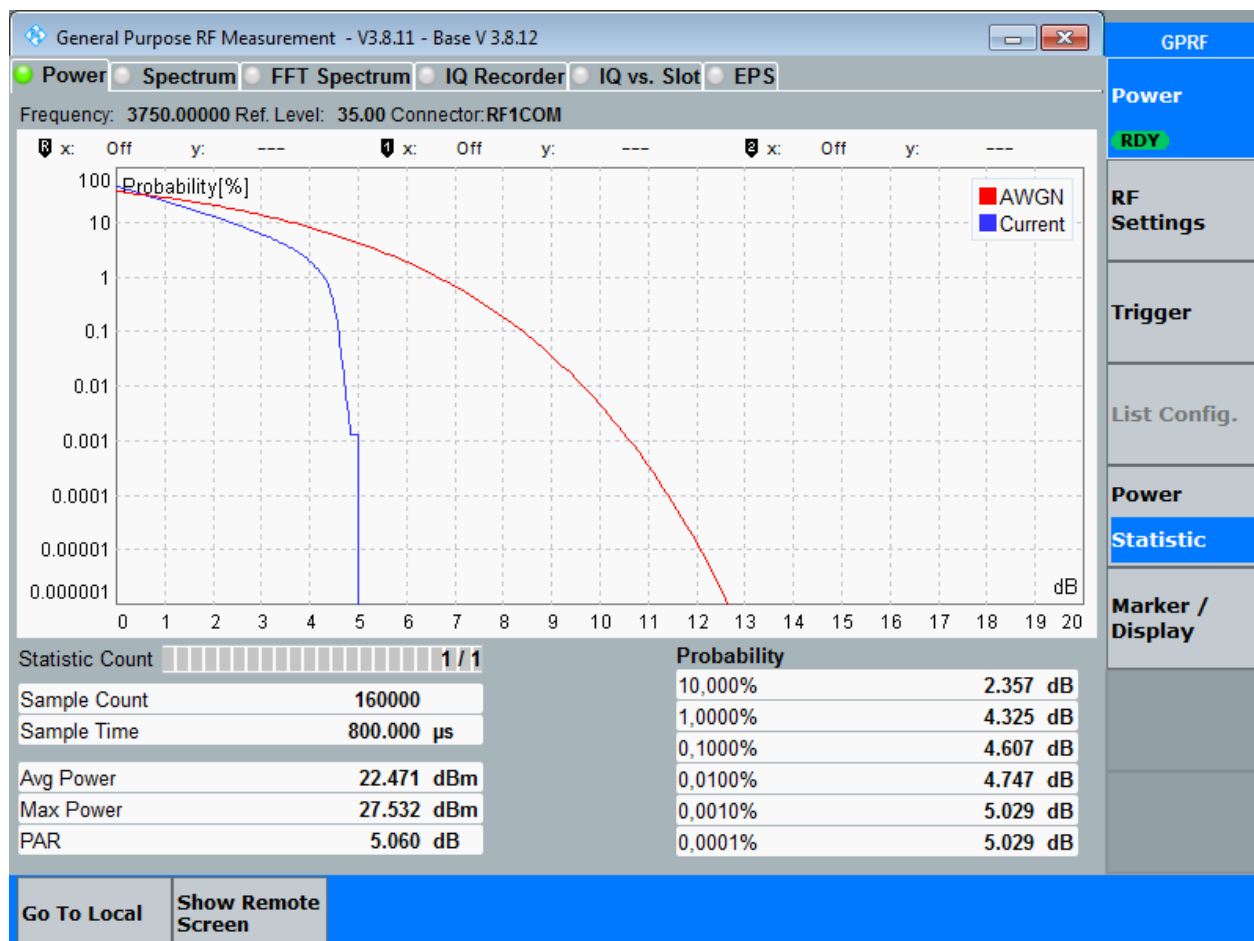
13. NR_n77(3700-3980)_SCS30_100M_L_Edge_1RB_Left(QPSK)

13.7. NR Peak to Average Ratio_TDD(NTNV)



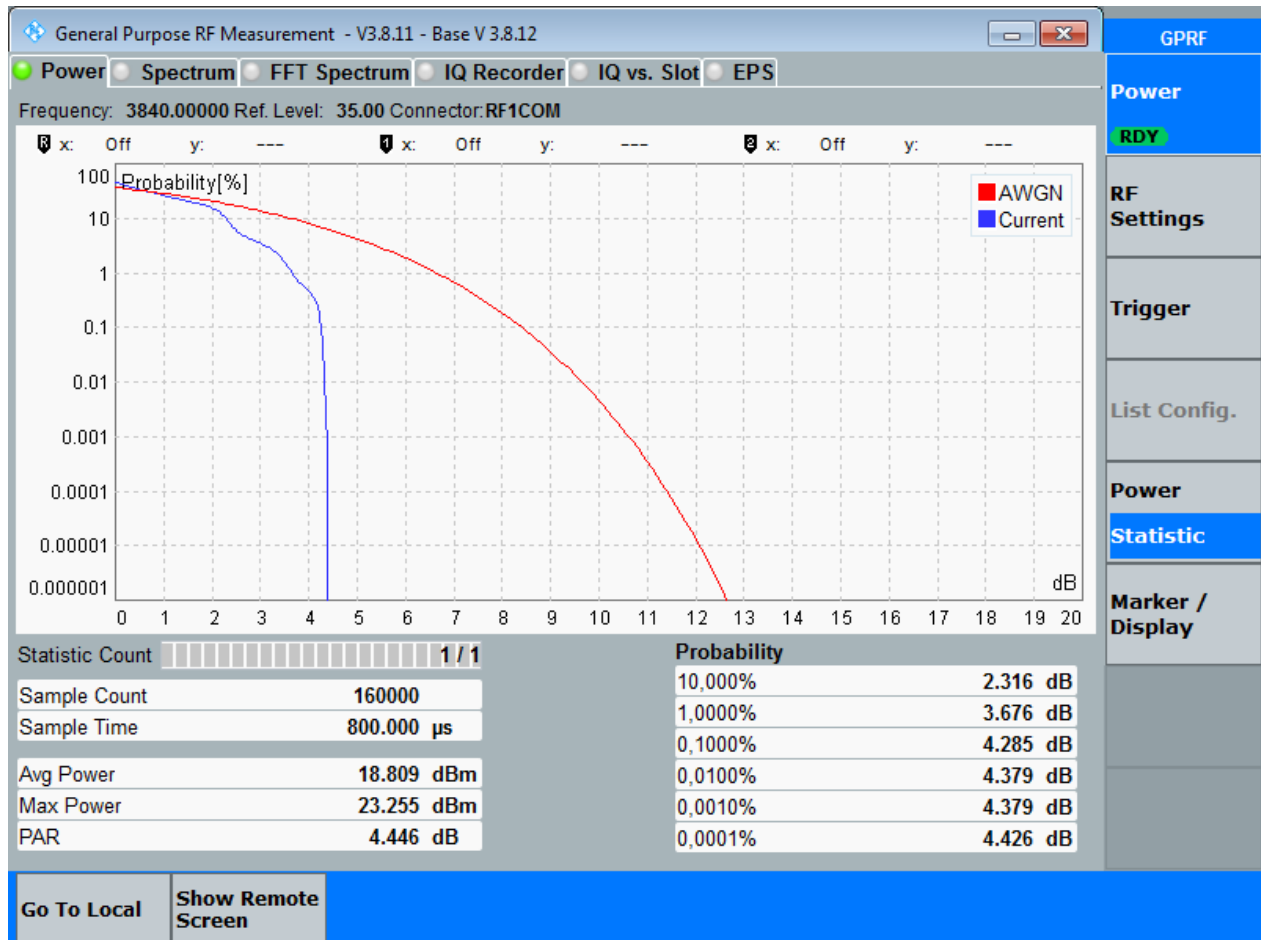
13. NR_n77(3700-3980)_SCS30_100M_L_Outer Full(QPSK)

13.8. NR Peak to Average Ratio_TDD(NTNV)



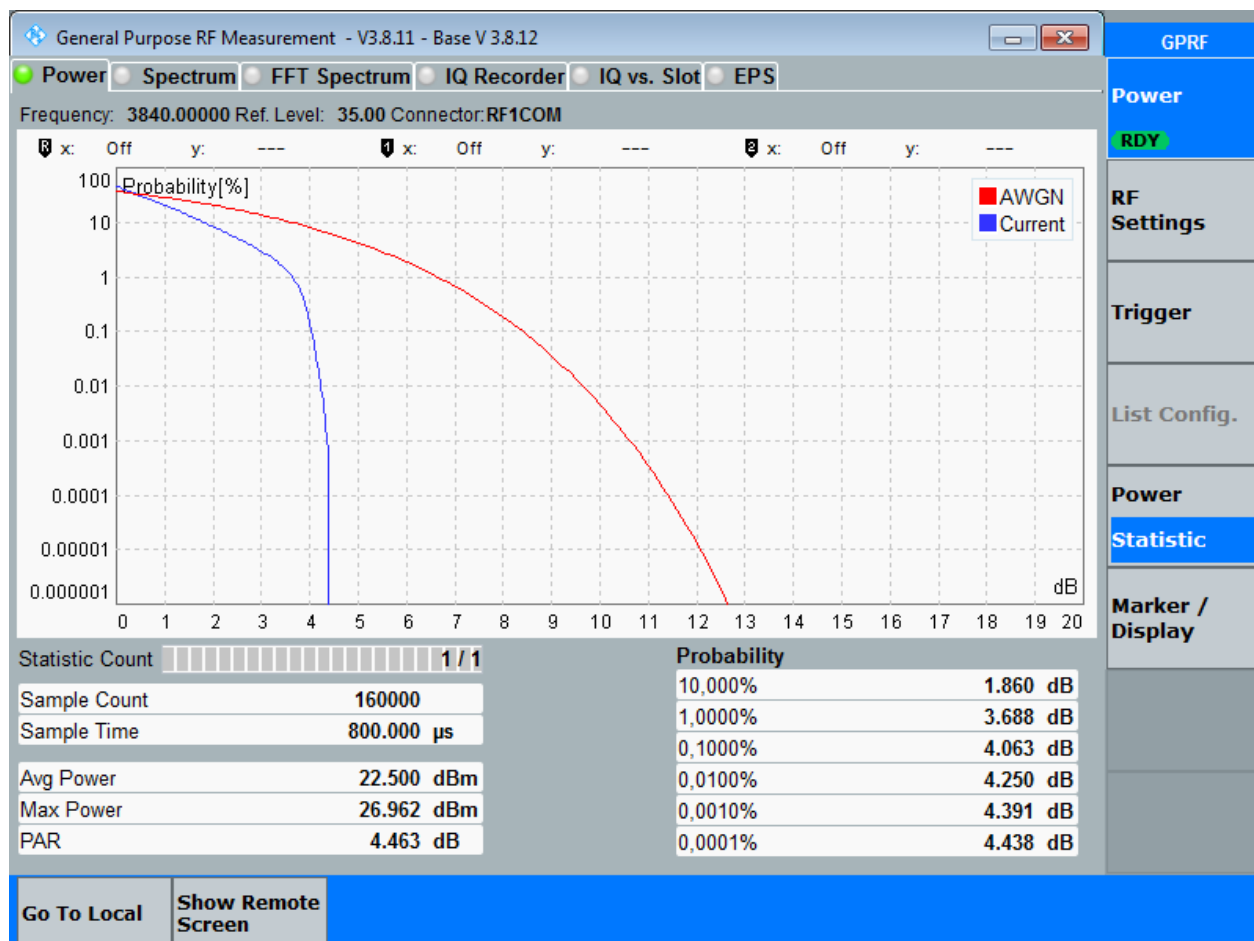
13. NR_n77(3700-3980)_SCS30_100M_M_Edge_1RB_Left(Pi2 BPSK)

13.9. NR Peak to Average Ratio_TDD(NTNV)



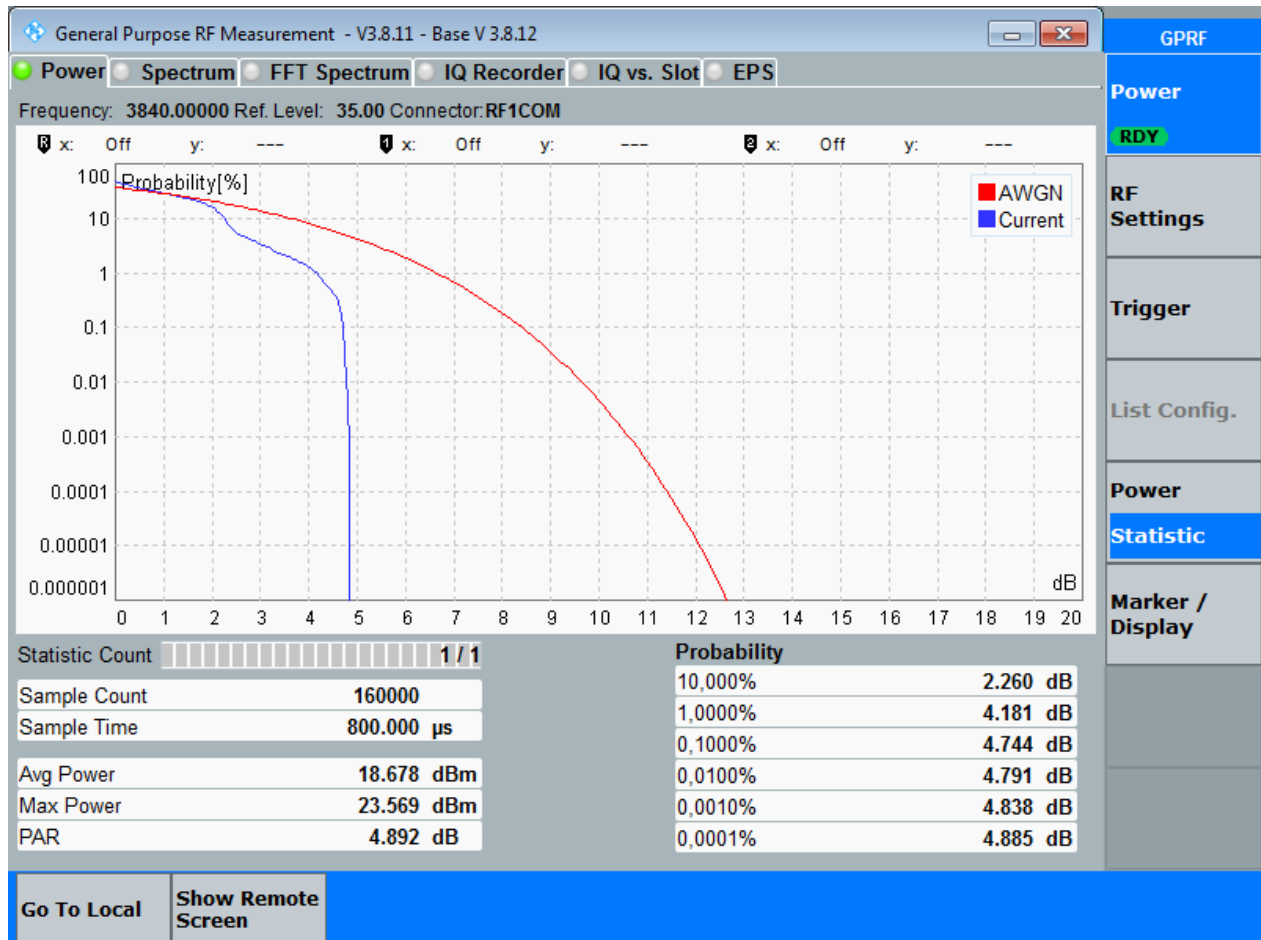
13. NR_n77(3700-3980)_SCS30_100M_M_Outer Full(Pi2 BPSK)

13.10. NR Peak to Average Ratio_TDD(NTNV)



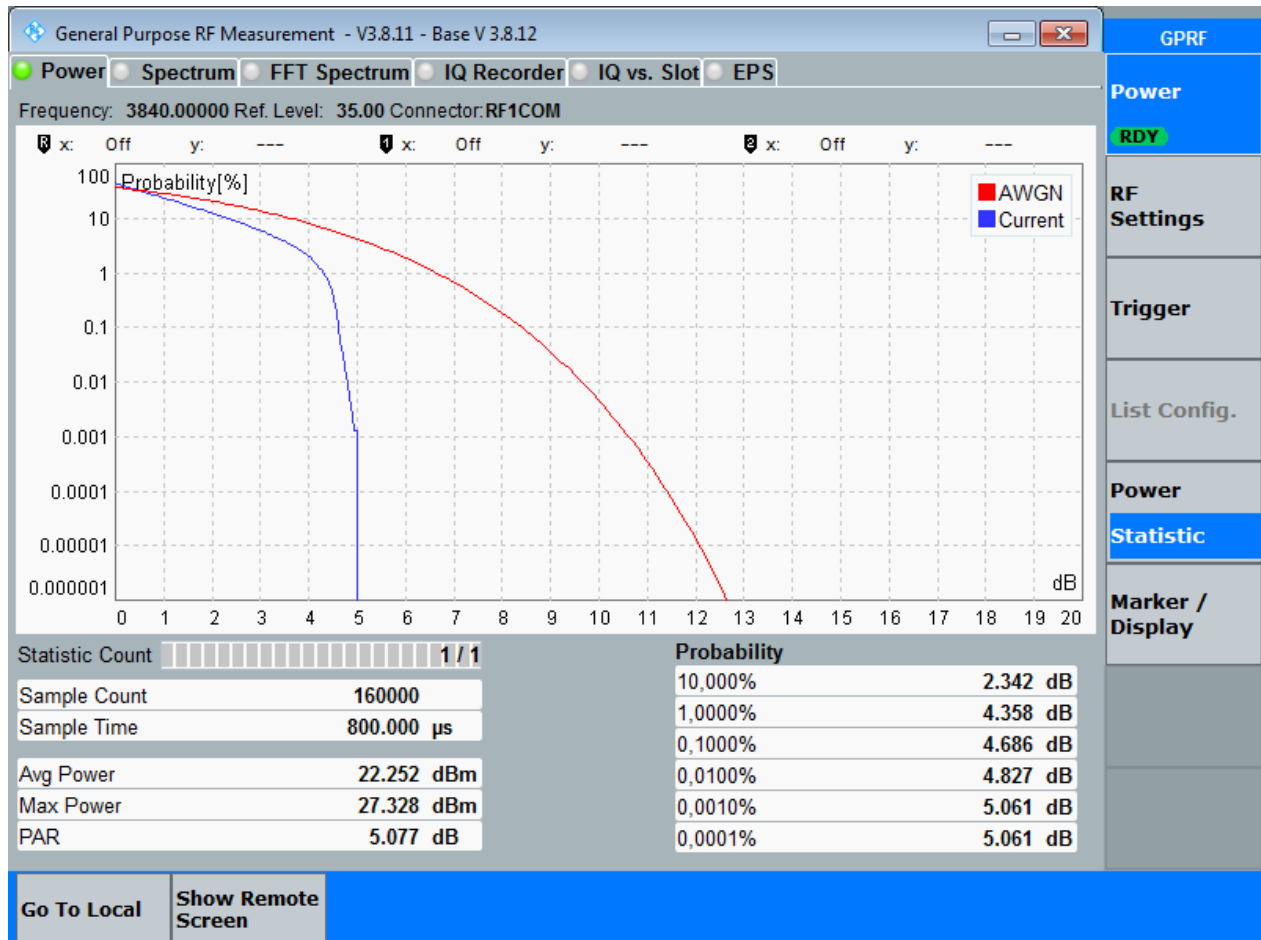
13. NR_n77(3700-3980)_SCS30_100M_M_Edge_1RB_Left(QPSK)

13.11. NR Peak to Average Ratio_TDD(NTNV)



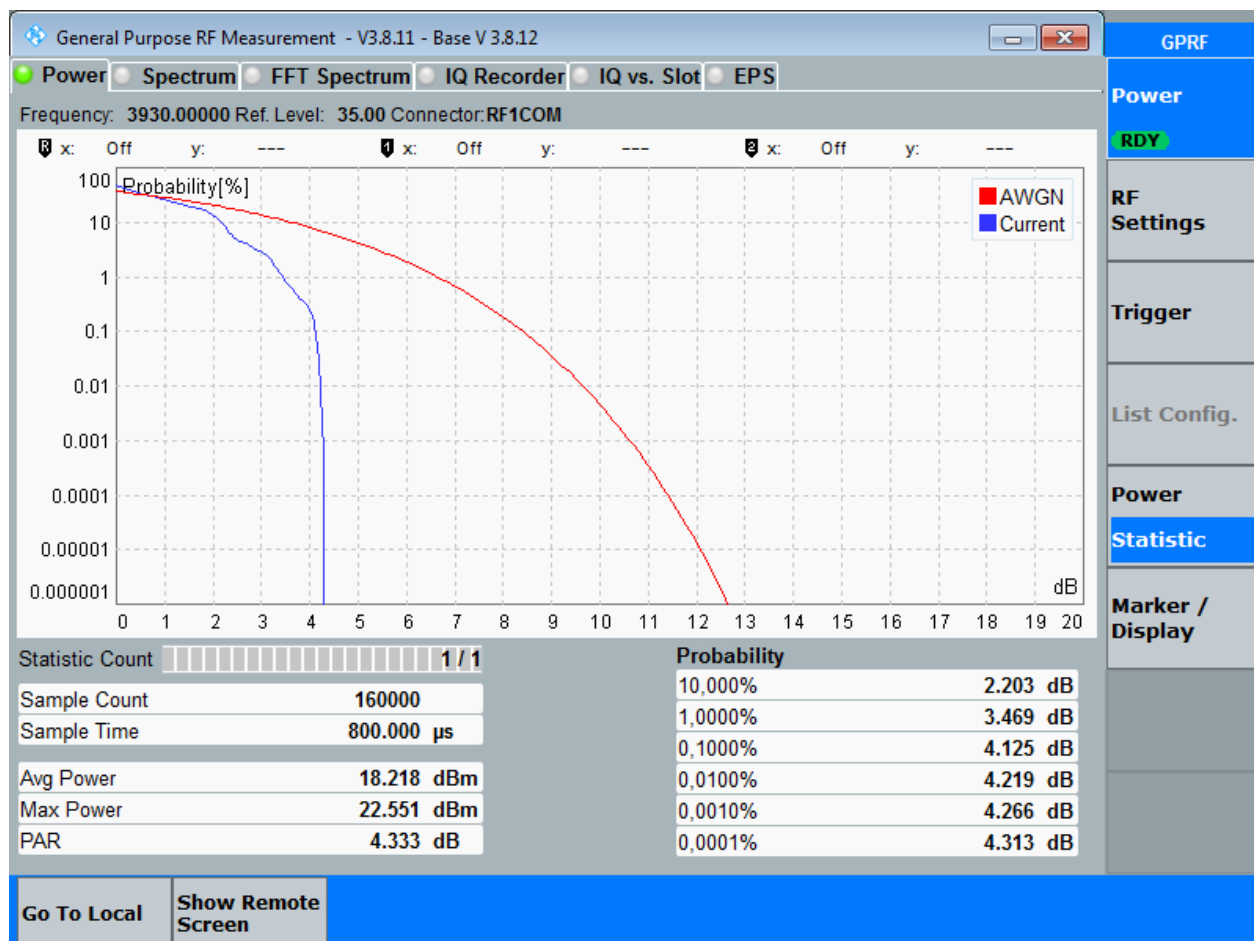
13. NR_n77(3700-3980)_SCS30_100M_M_Outer Full(QPSK)

13.12. NR Peak to Average Ratio_TDD(NTNV)



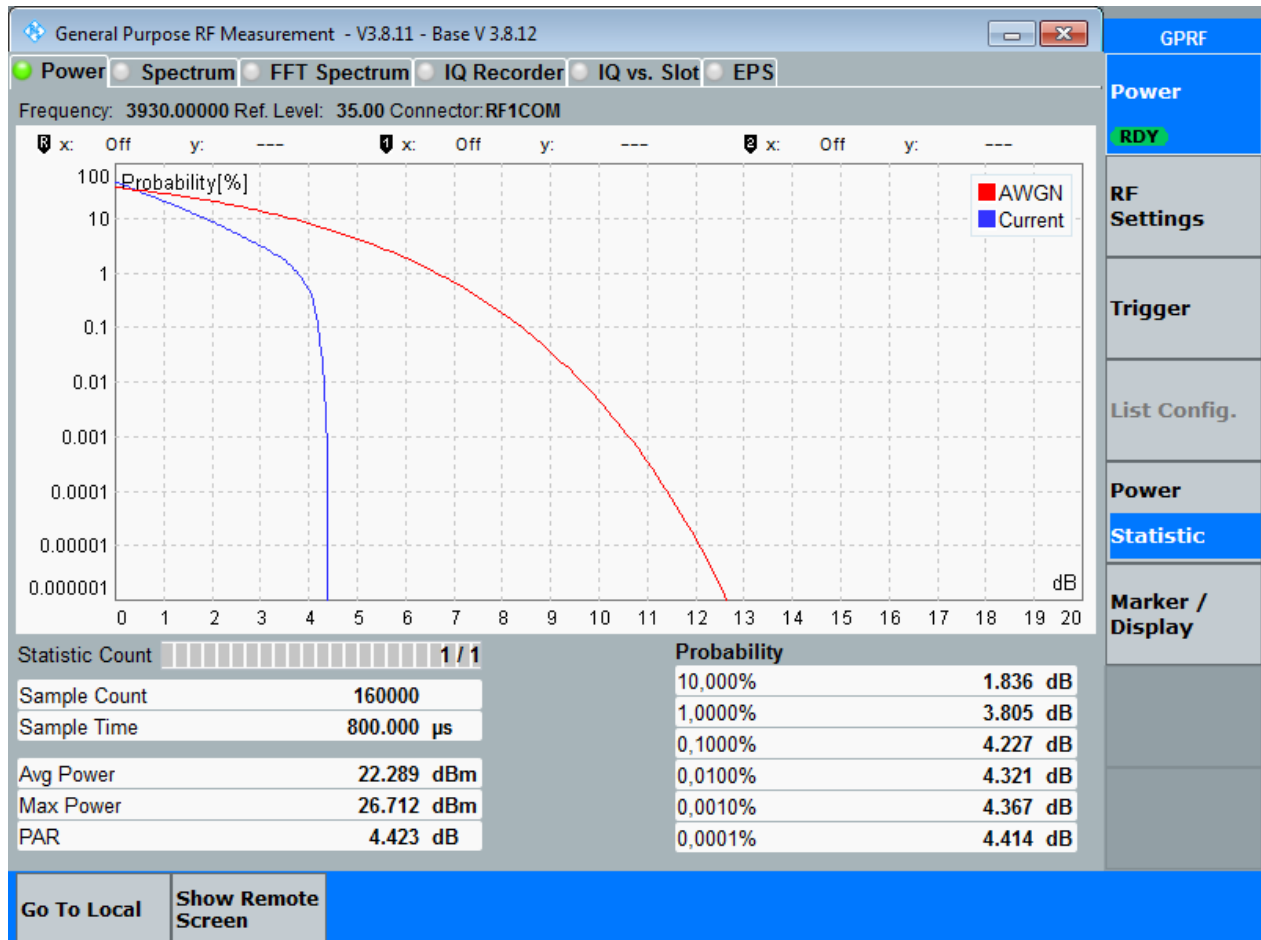
13. NR_n77(3700-3980)_SCS30_100M_H_Edge_1RB_Left(Pi2 BPSK)

13.13. NR Peak to Average Ratio_TDD(NTNV)



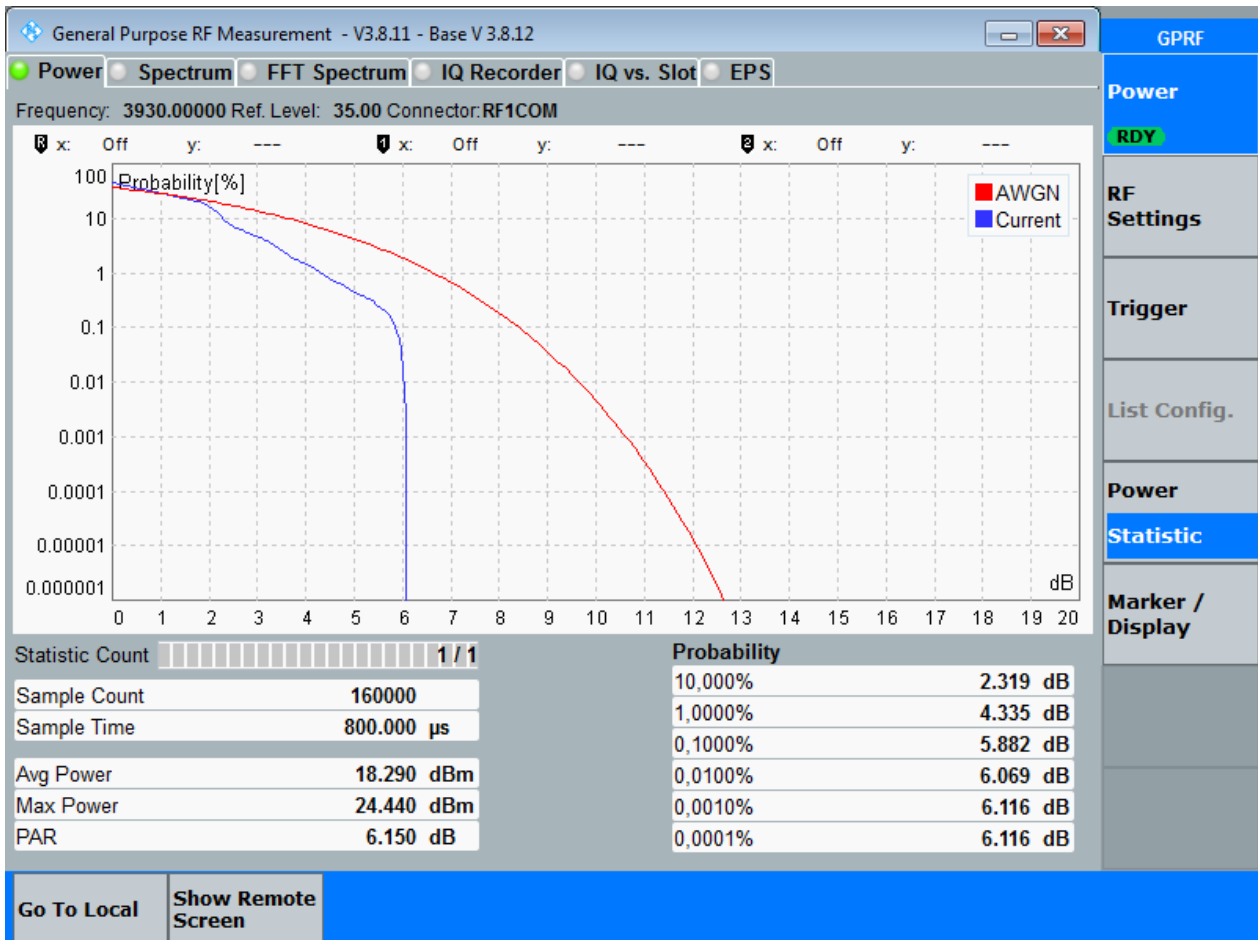
13. NR_n77(3700-3980)_SCS30_100M_H_Outer Full(Pi2 BPSK)

13.14. NR Peak to Average Ratio_TDD(NTNV)



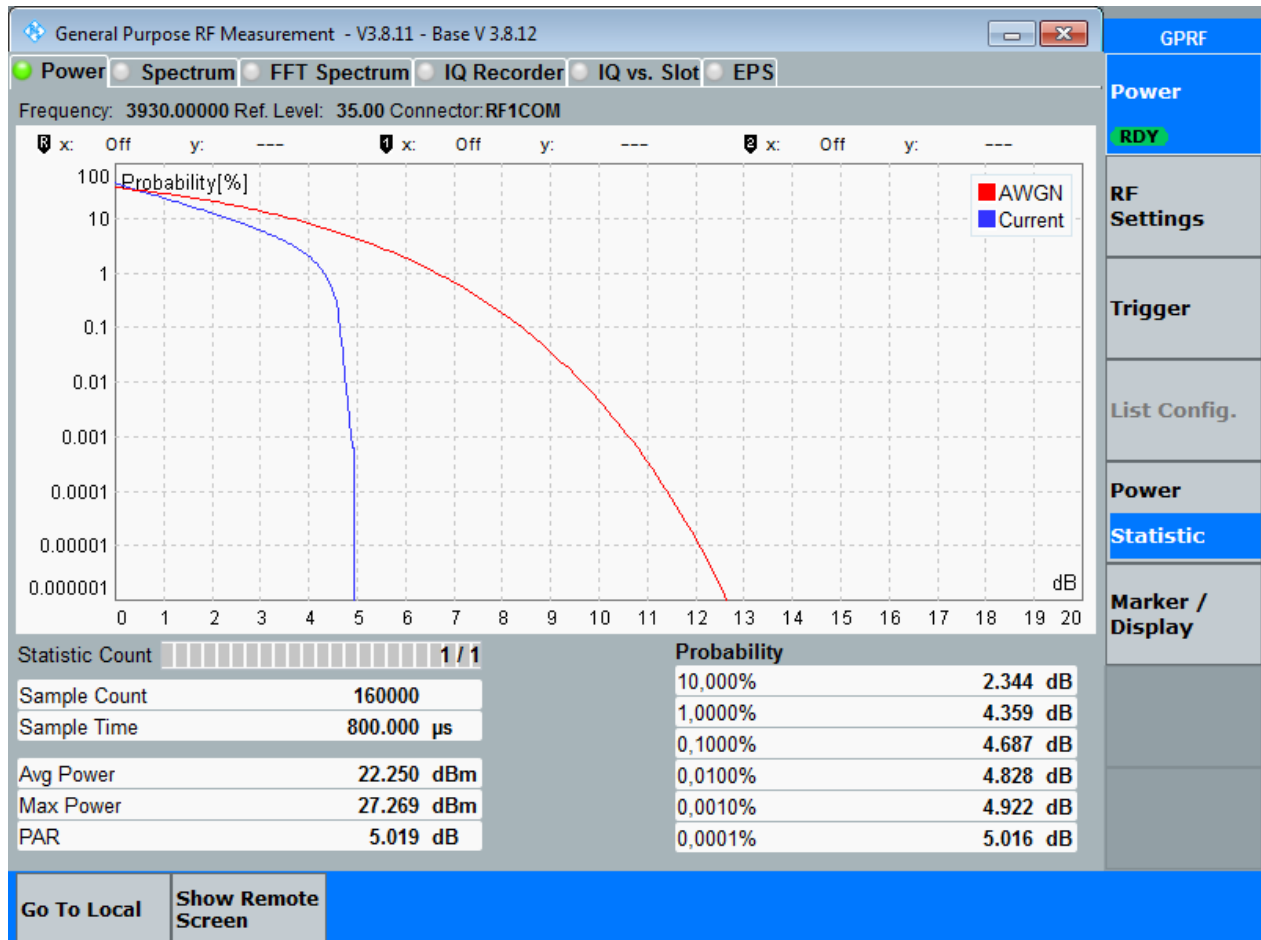
13. NR_n77(3700-3980)_SCS30_100M_H_Edge_1RB_Left(QPSK)

13.15. NR Peak to Average Ratio_TDD(NTNV)



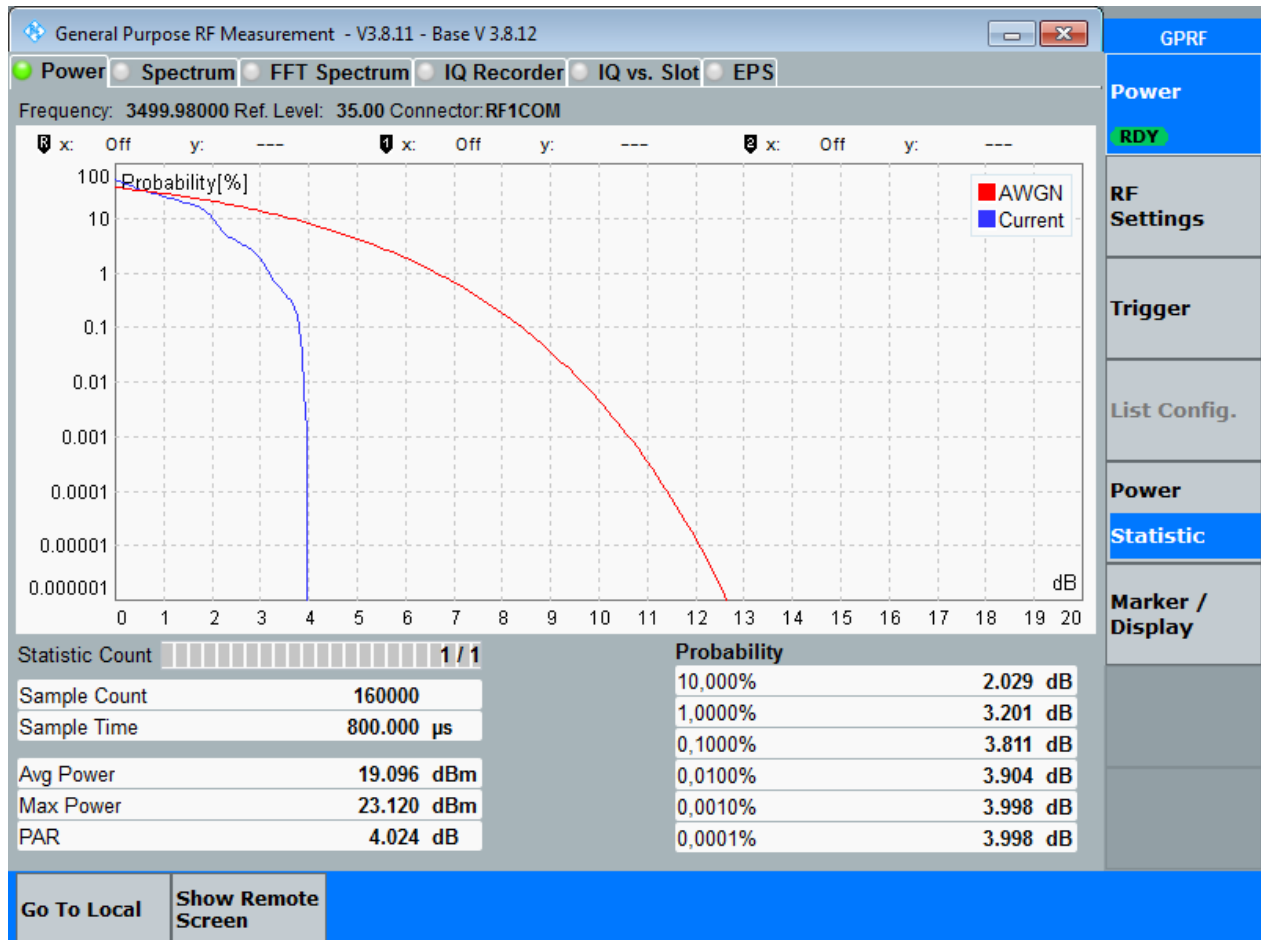
13. NR_n77(3700-3980)_SCS30_100M_H_Outer Full(QPSK)

13.16. NR Peak to Average Ratio_TDD(NTNV)



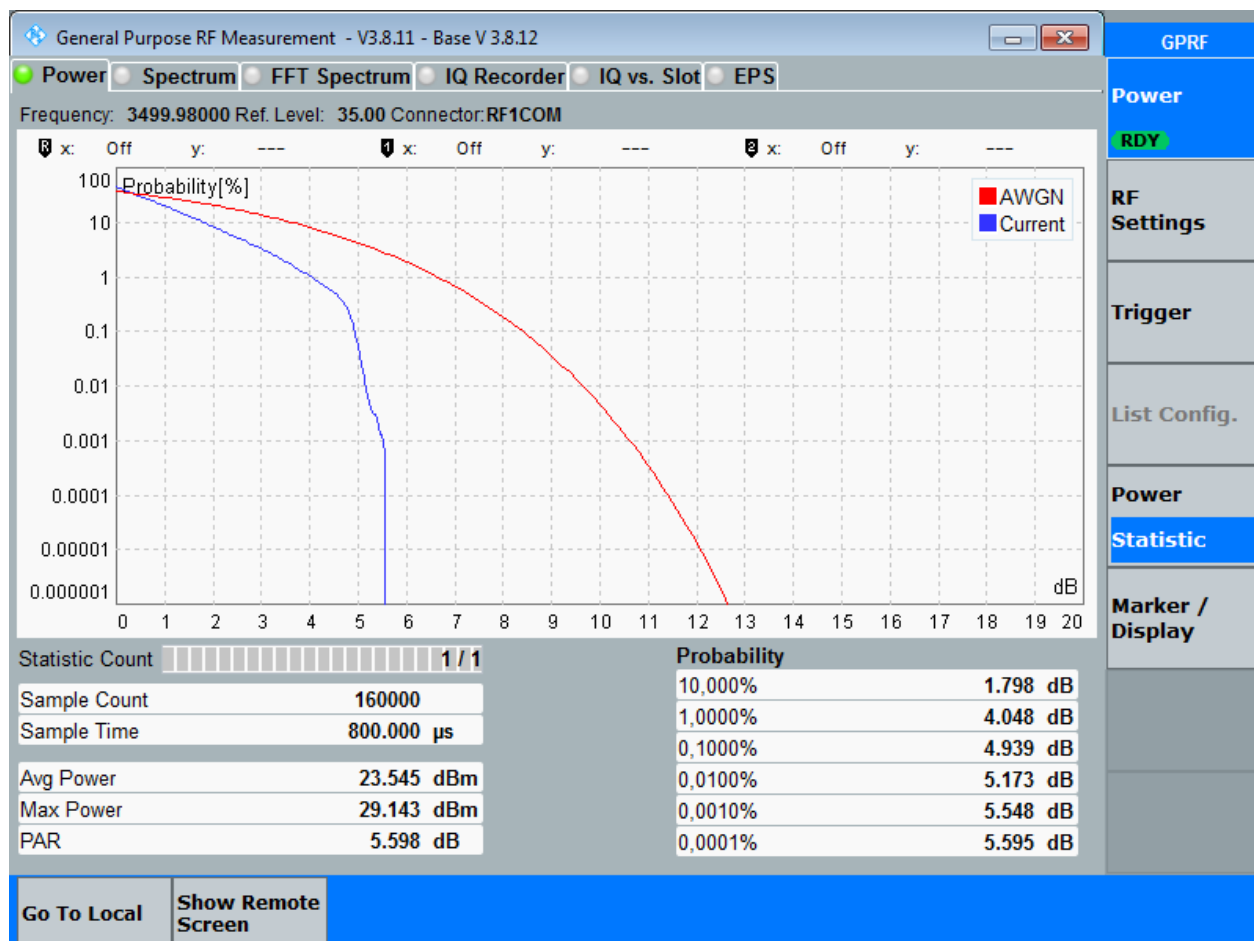
14. NR_n78(3450-3550)_SCS30_100M_M_Edge_1RB_Left(Pi2 BPSK)

14.1. NR Peak to Average Ratio_TDD(NTNV)



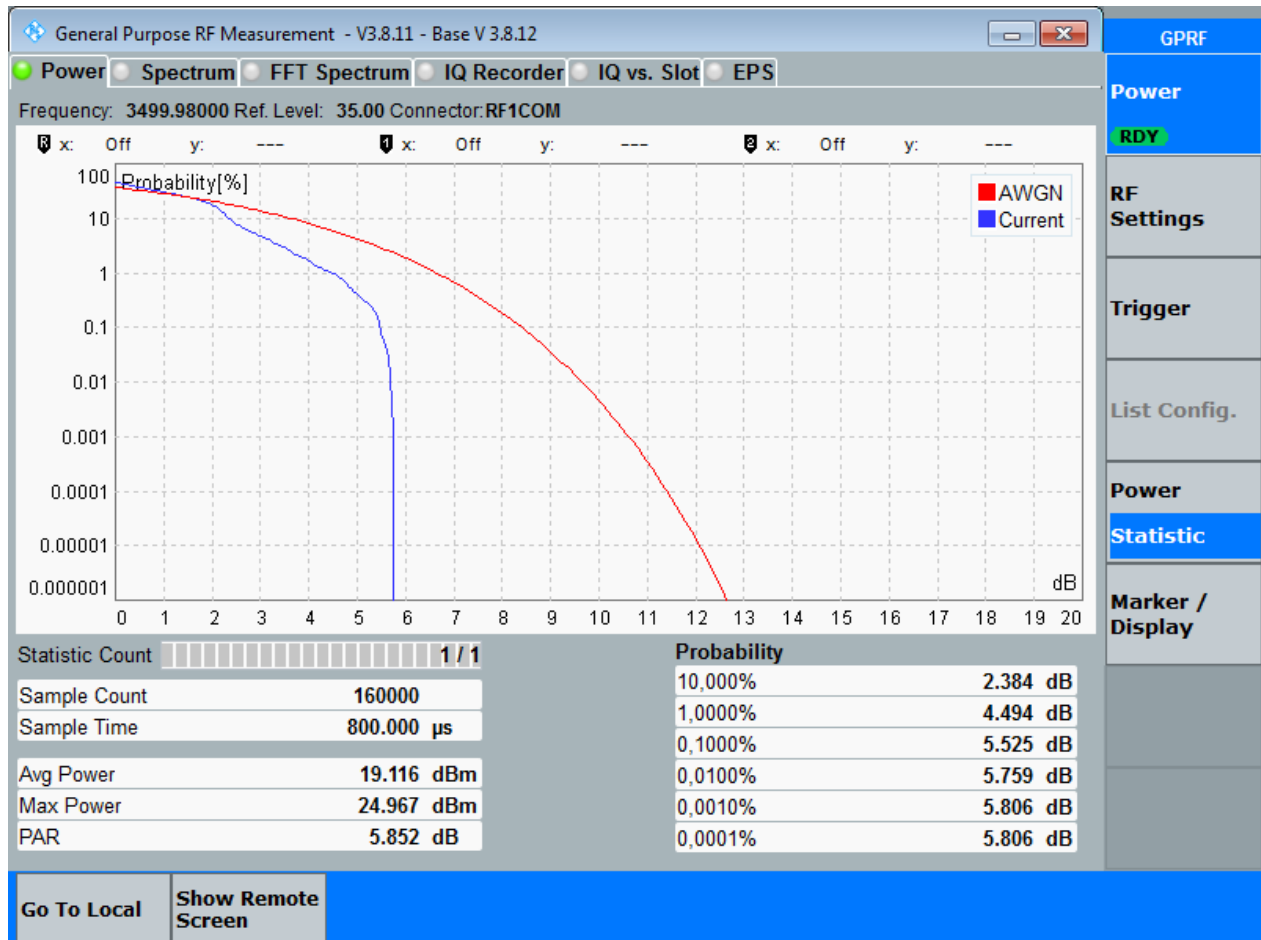
14. NR_n78(3450-3550)_SCS30_100M_M_Outer Full(Pi2 BPSK)

14.2. NR Peak to Average Ratio_TDD(NTNV)



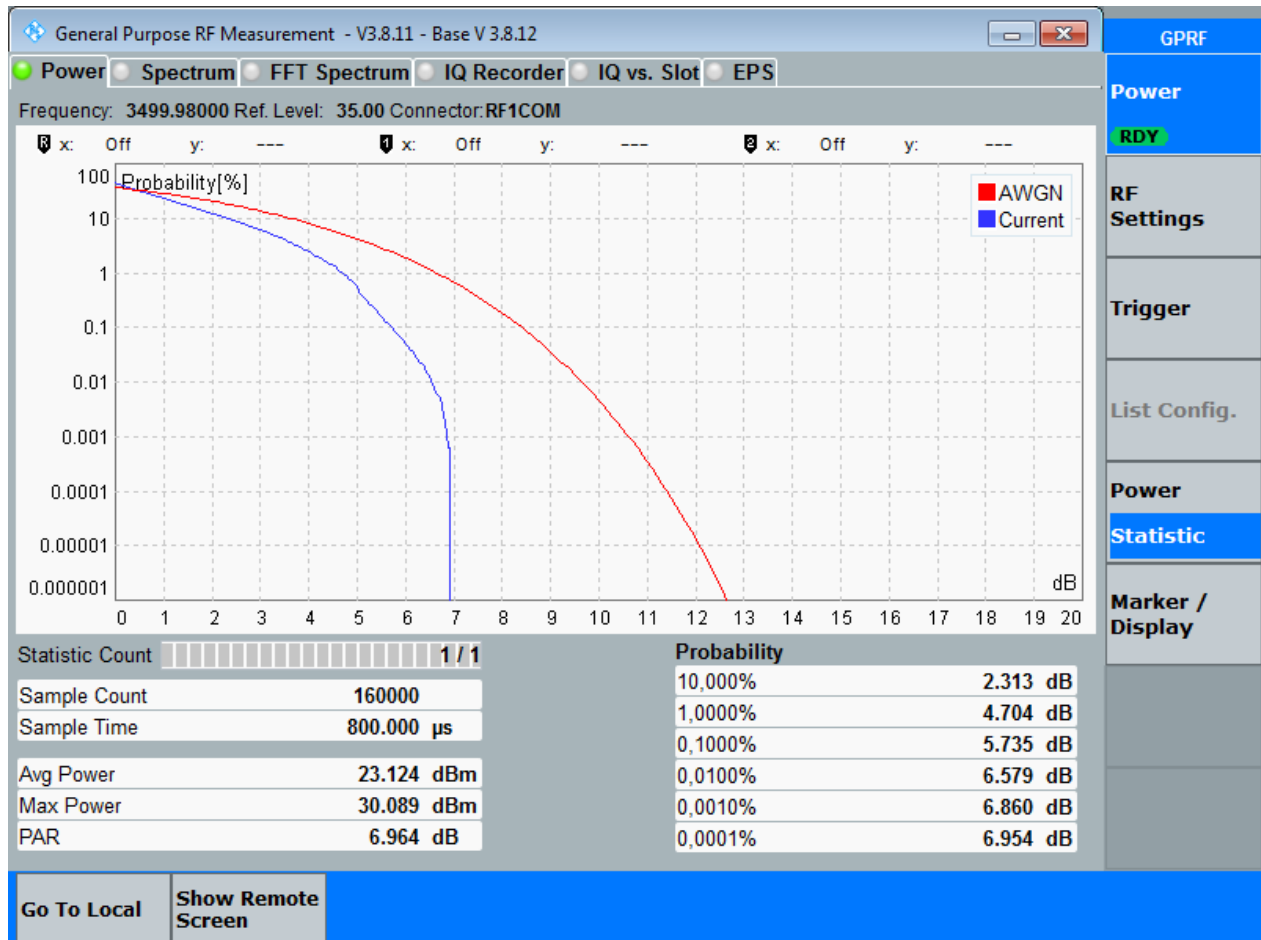
14. NR_n78(3450-3550)_SCS30_100M_M_Edge_1RB_Left(QPSK)

14.3. NR Peak to Average Ratio_TDD(NTNV)



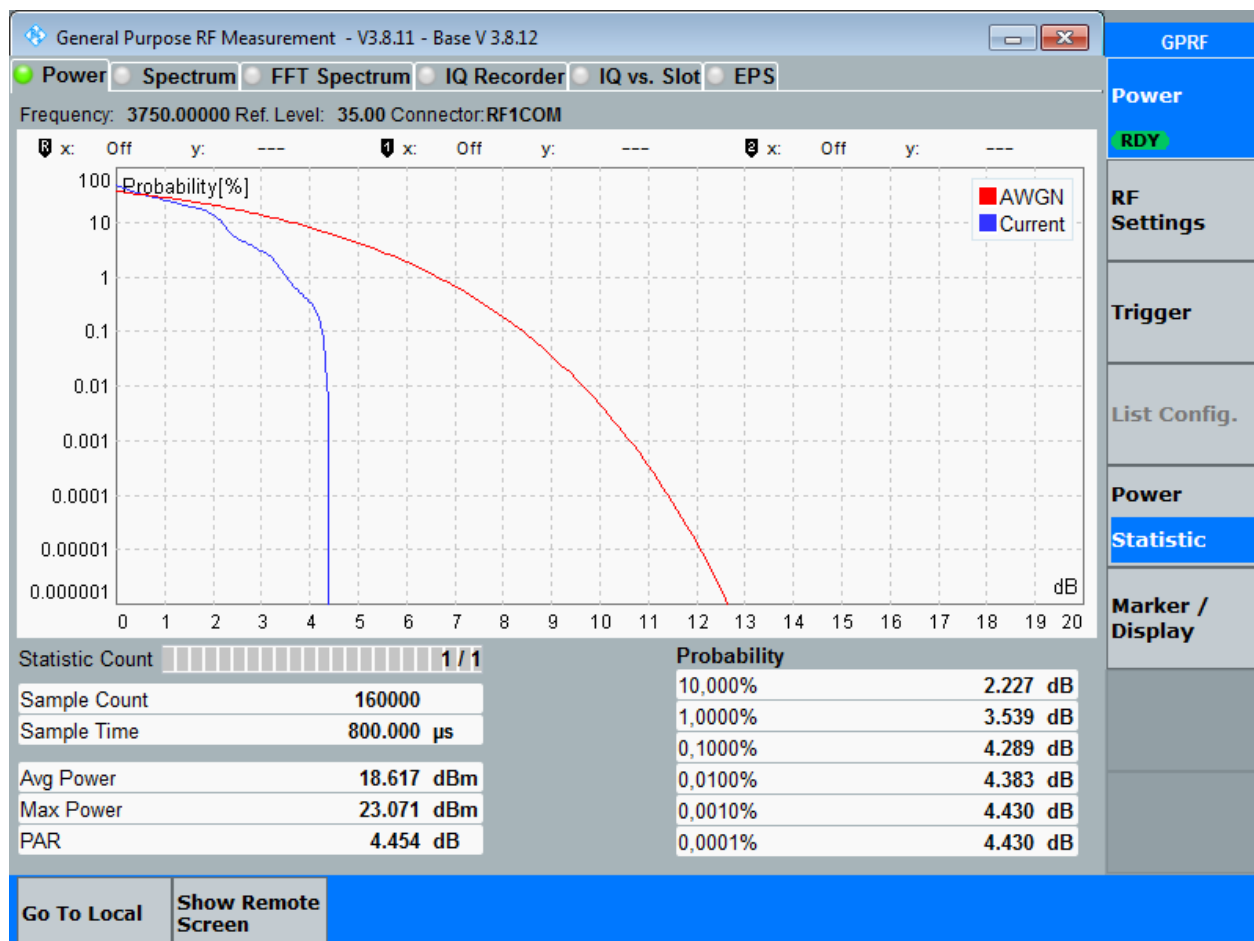
14. NR_n78(3450-3550)_SCS30_100M_M_Outer Full(QPSK)

14.4. NR Peak to Average Ratio_TDD(NTNV)



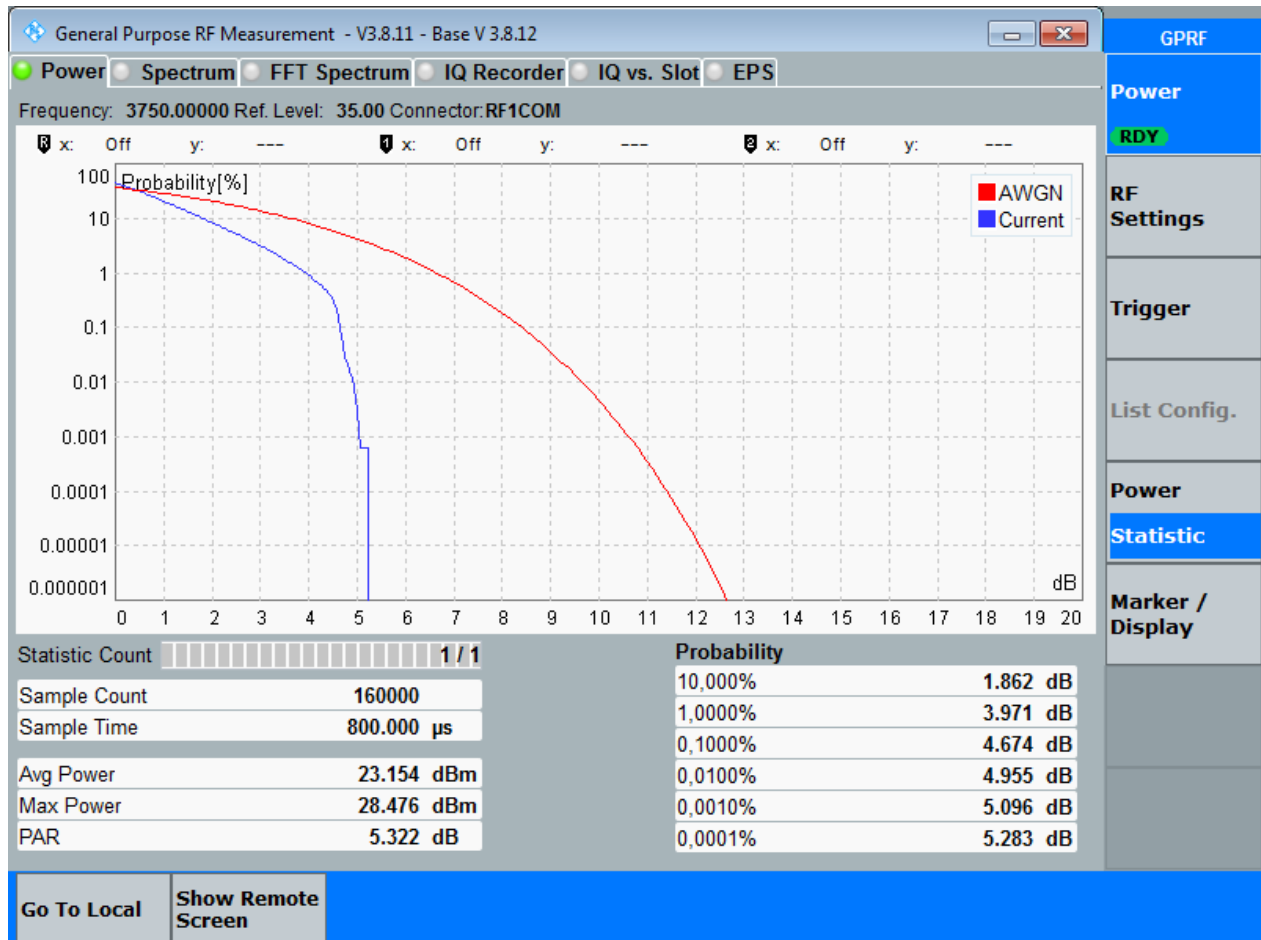
14. NR_n78(3700-3800)_SCS30_100M_M_Edge_1RB_Left(Pi2 BPSK)

14.5. NR Peak to Average Ratio_TDD(NTNV)



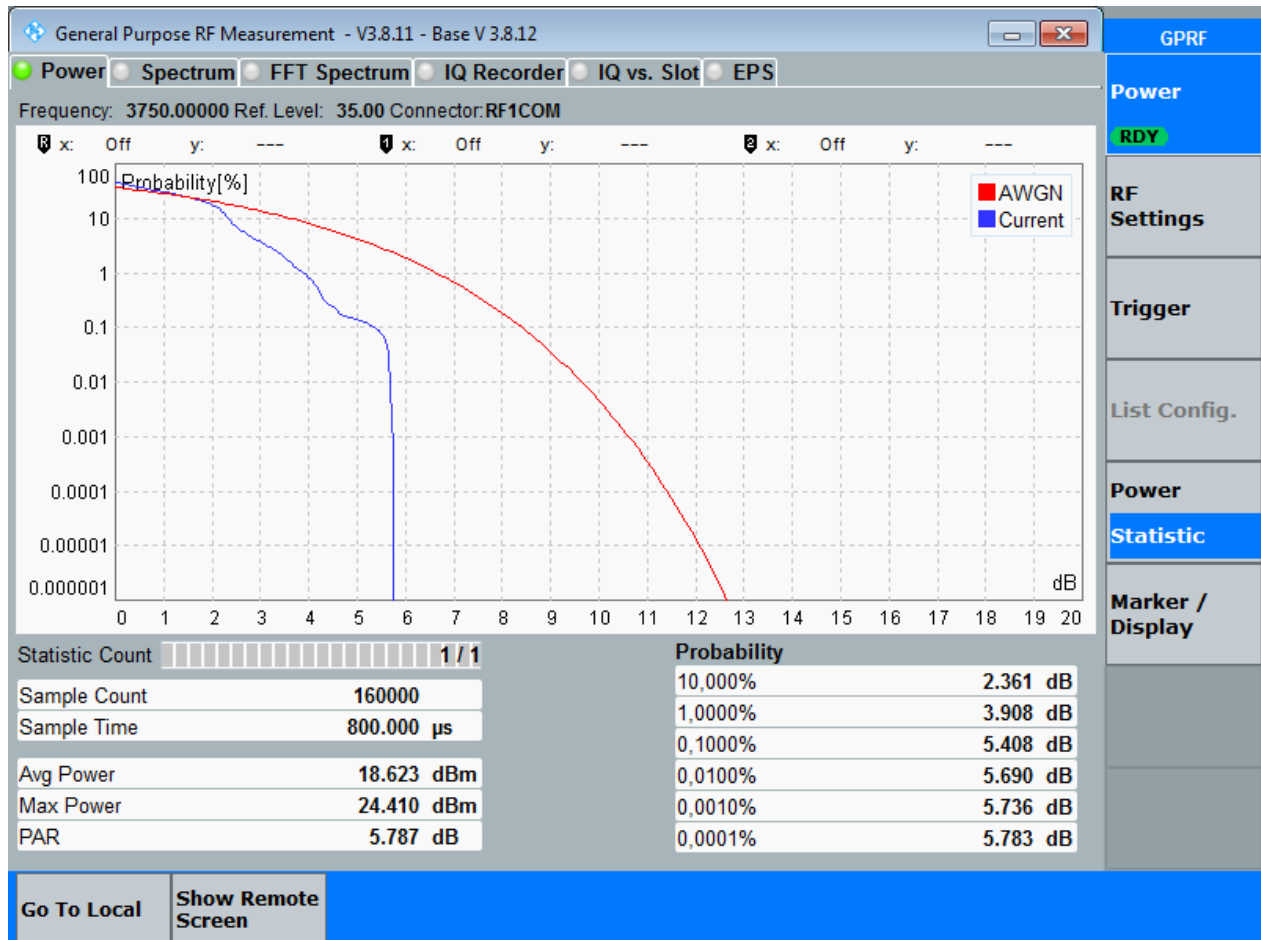
14. NR_n78(3700-3800)_SCS30_100M_M_Outer Full(Pi2 BPSK)

14.6. NR Peak to Average Ratio_TDD(NTNV)



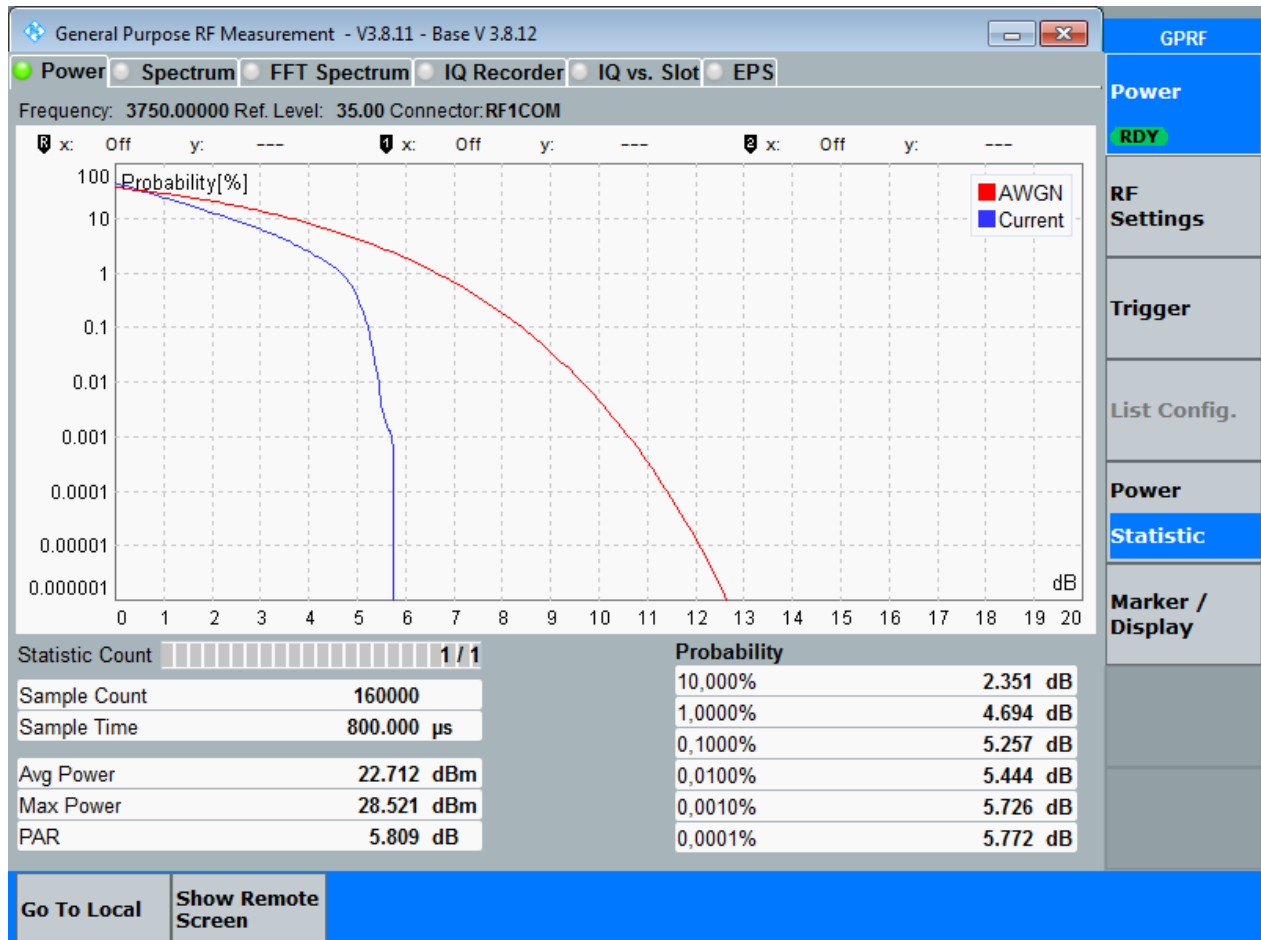
14. NR_n78(3700-3800)_SCS30_100M_M_Edge_1RB_Left(QPSK)

14.7. NR Peak to Average Ratio_TDD(NTNV)



14. NR_n78(3700-3800)_SCS30_100M_M_Outer Full(QPSK)

14.8. NR Peak to Average Ratio_TDD(NTNV)



END