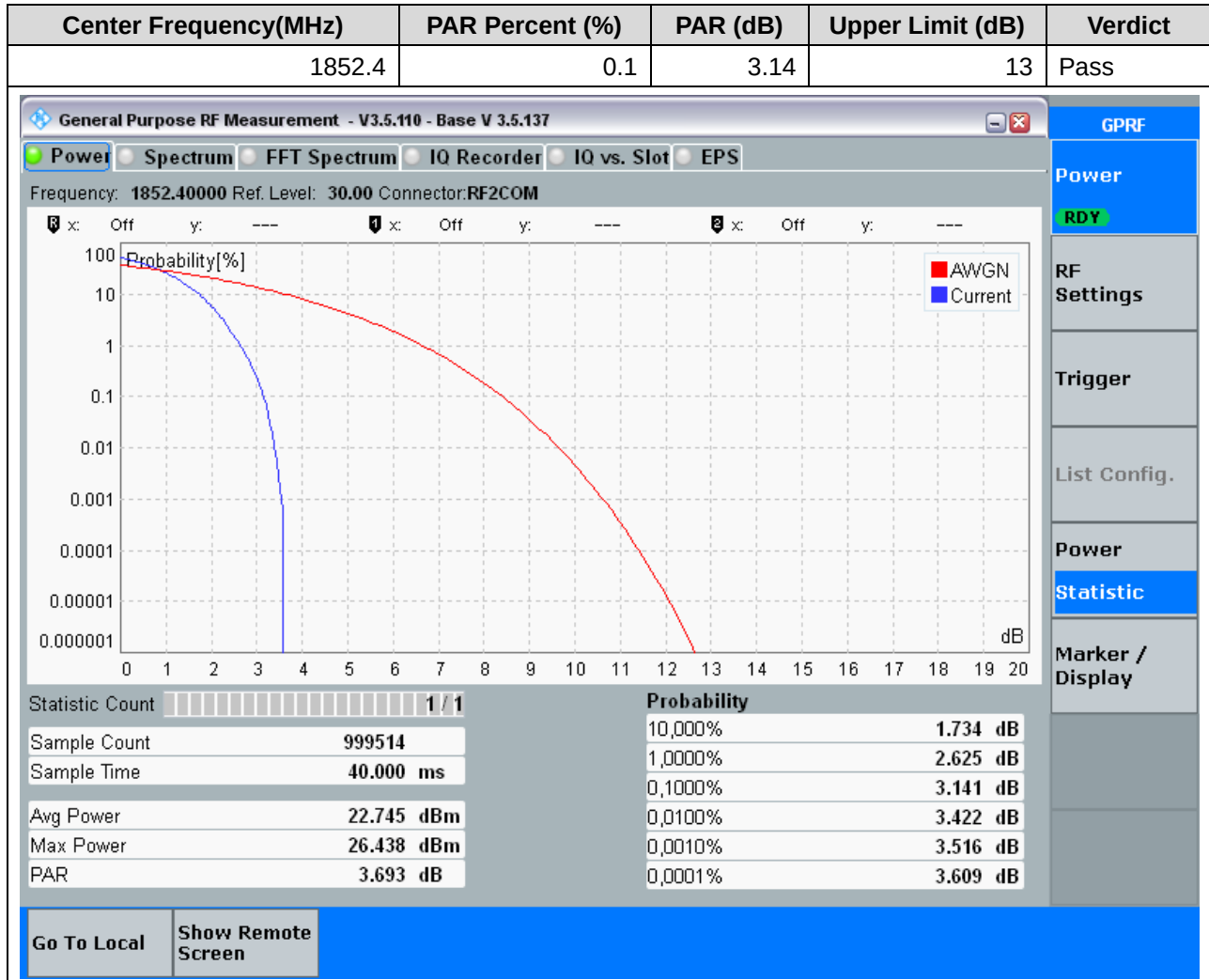


## **Annex A.2 Peak to Average Ratio**

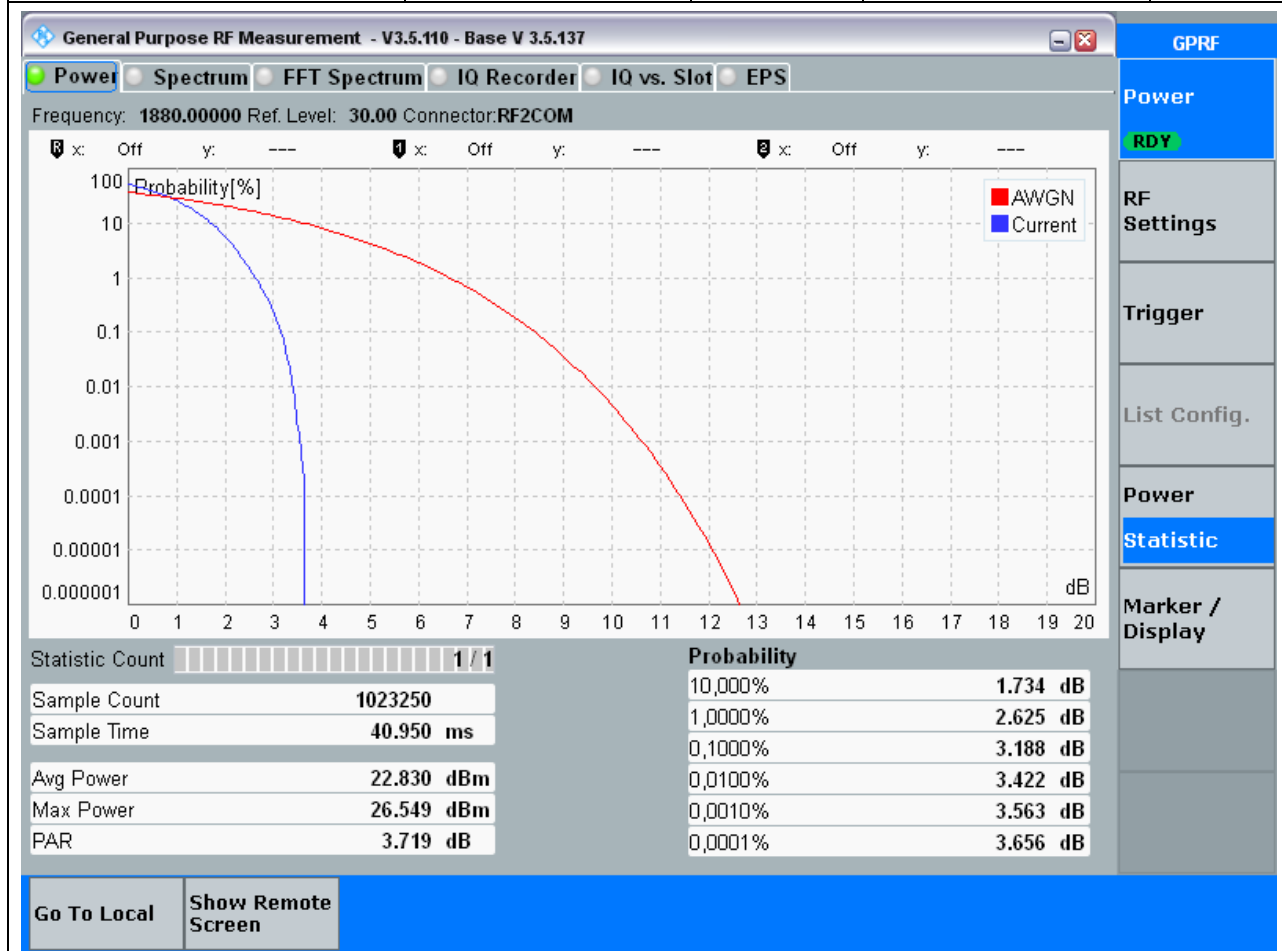
## 1. WCDMA\_Band2

### 1.1. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:9262)

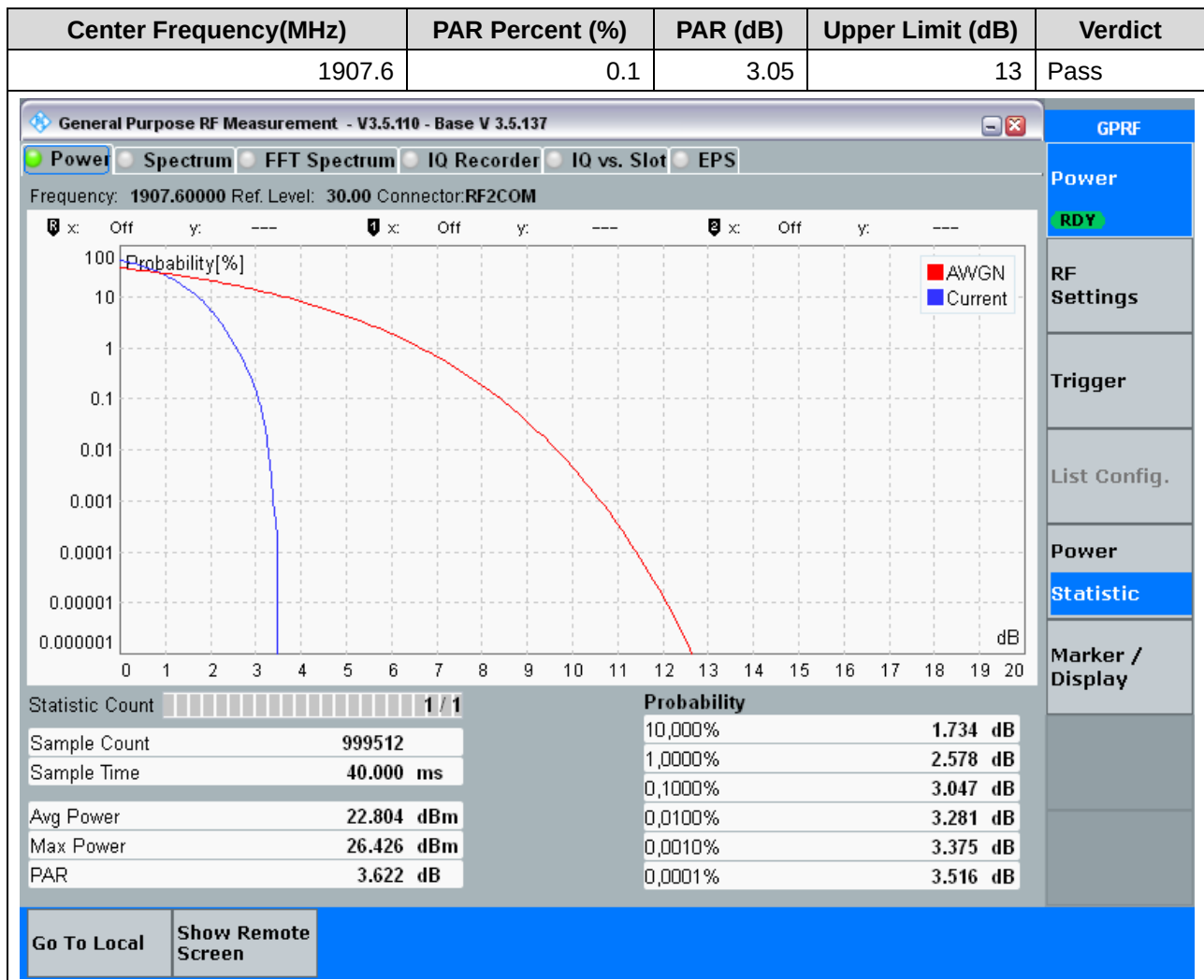


## 1.2. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:9400)

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

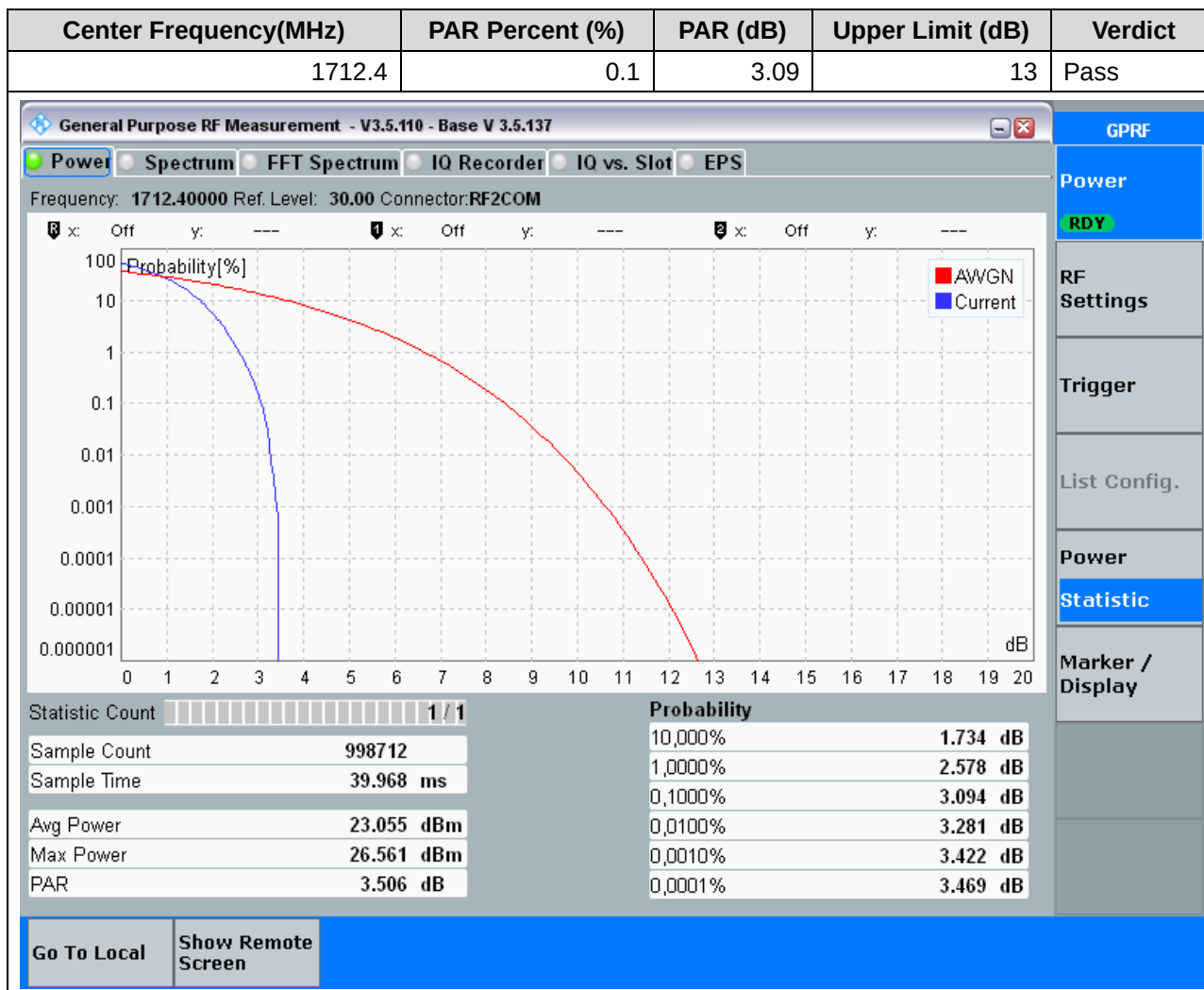


### 1.3. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:9538)

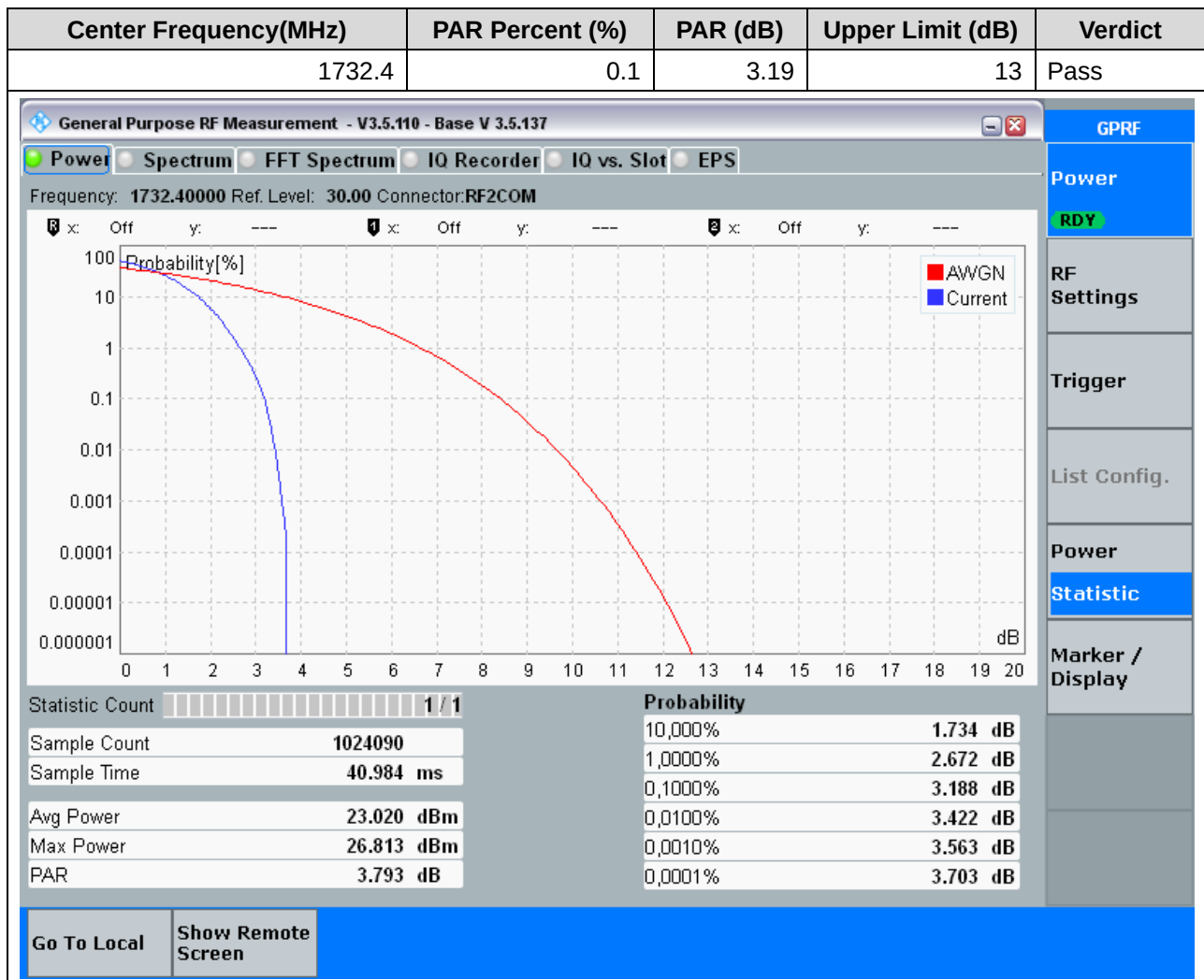


## 2. WCDMA\_Band4

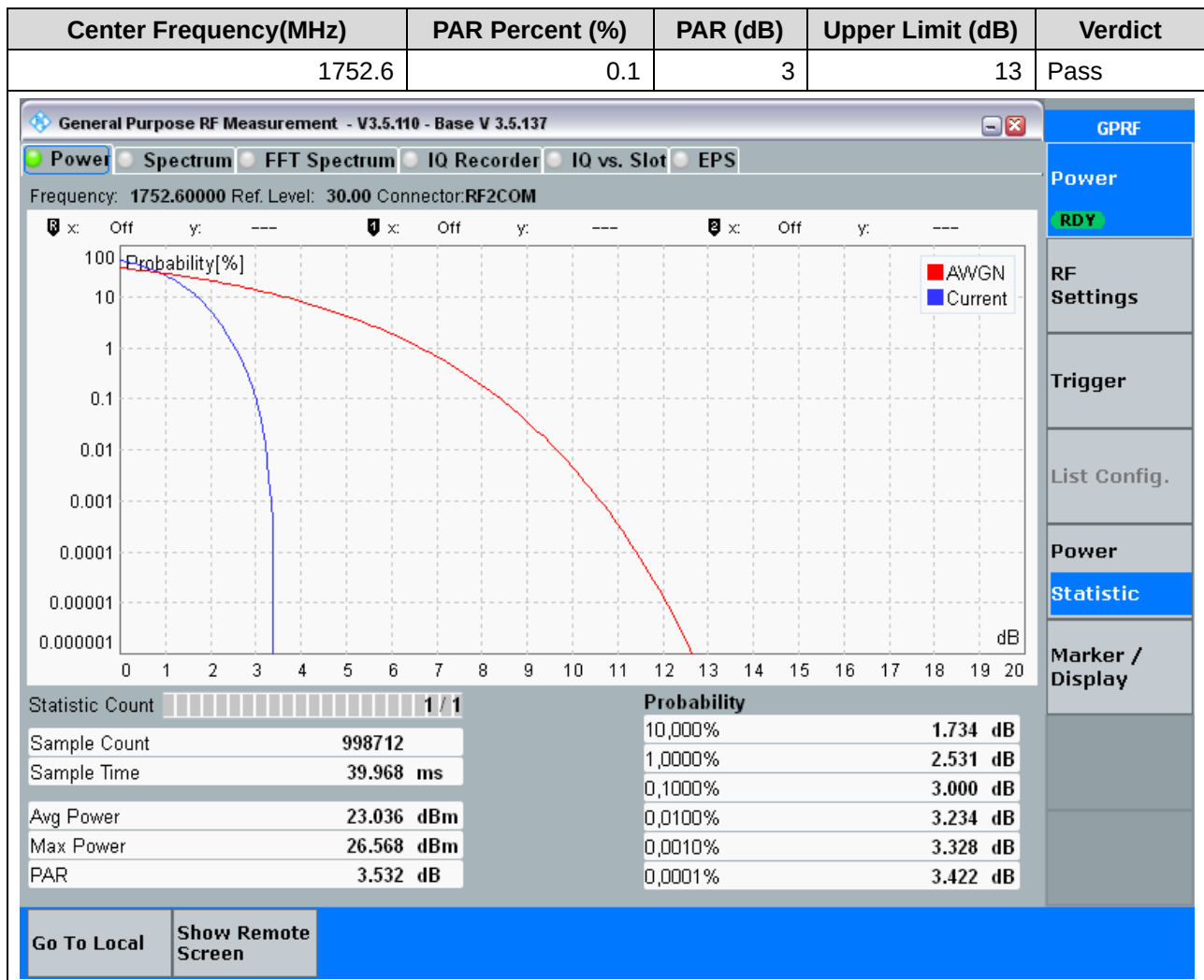
### 2.1. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:1312)



## 2.2. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:1412)

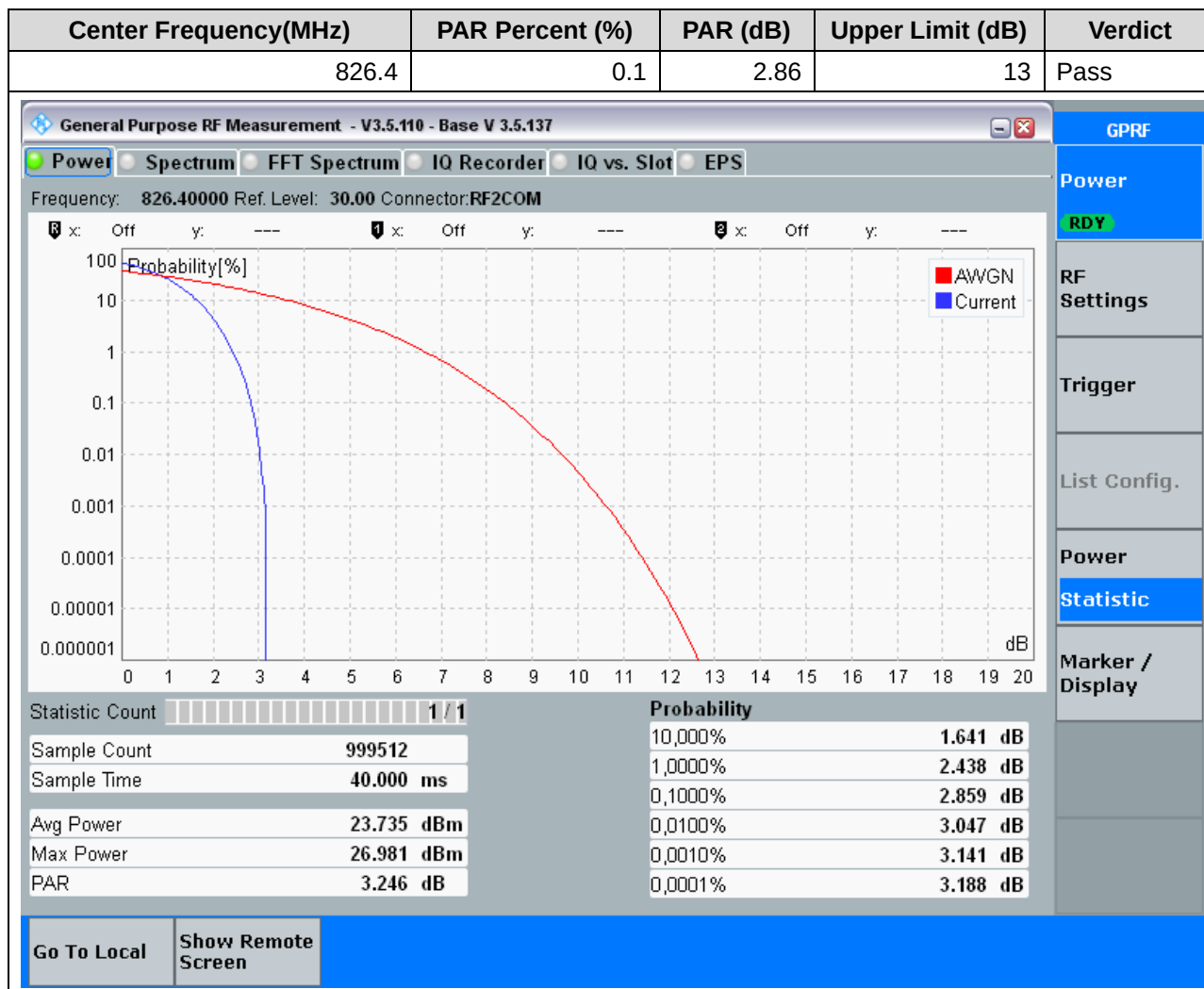


### 2.3. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:1513)

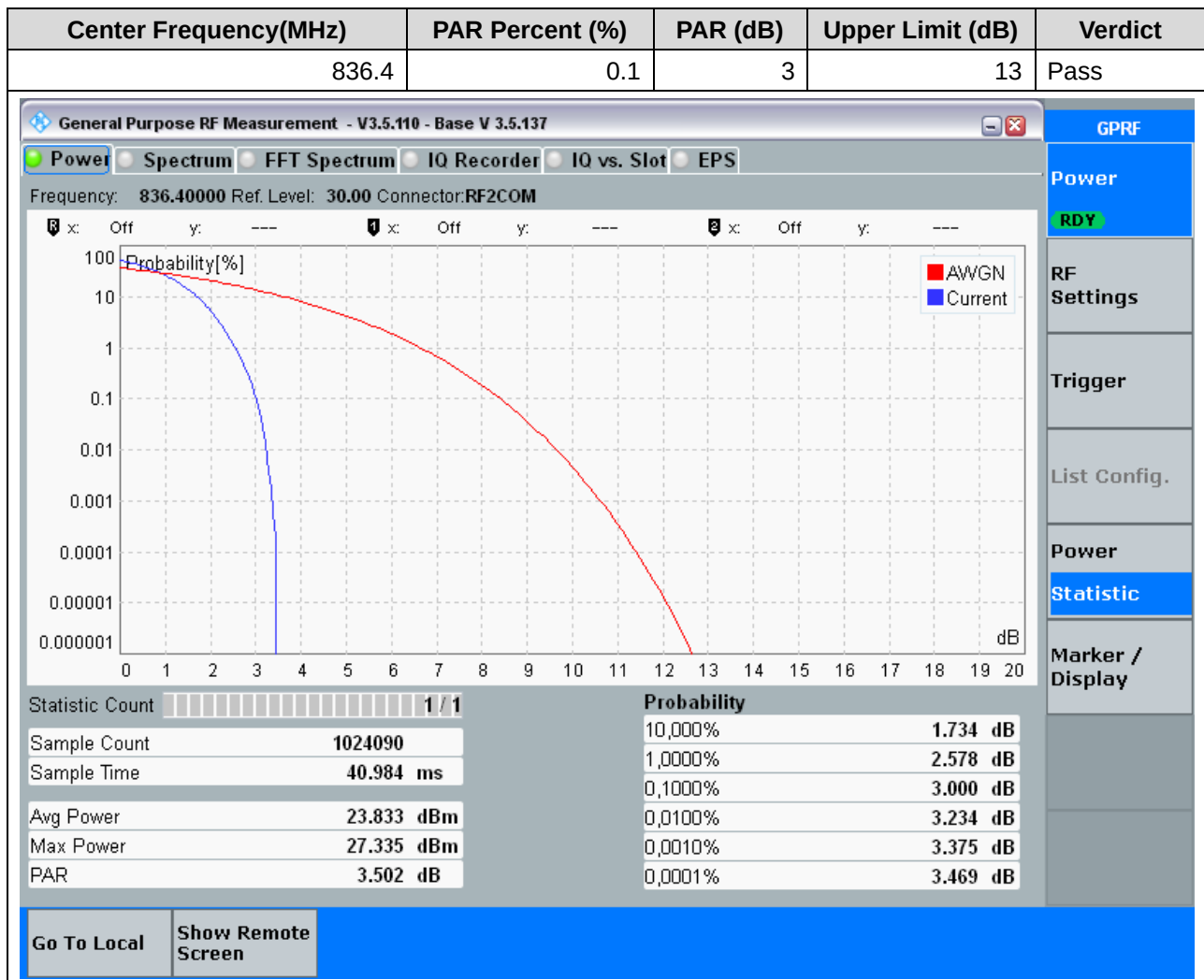


### 3. WCDMA\_Band5

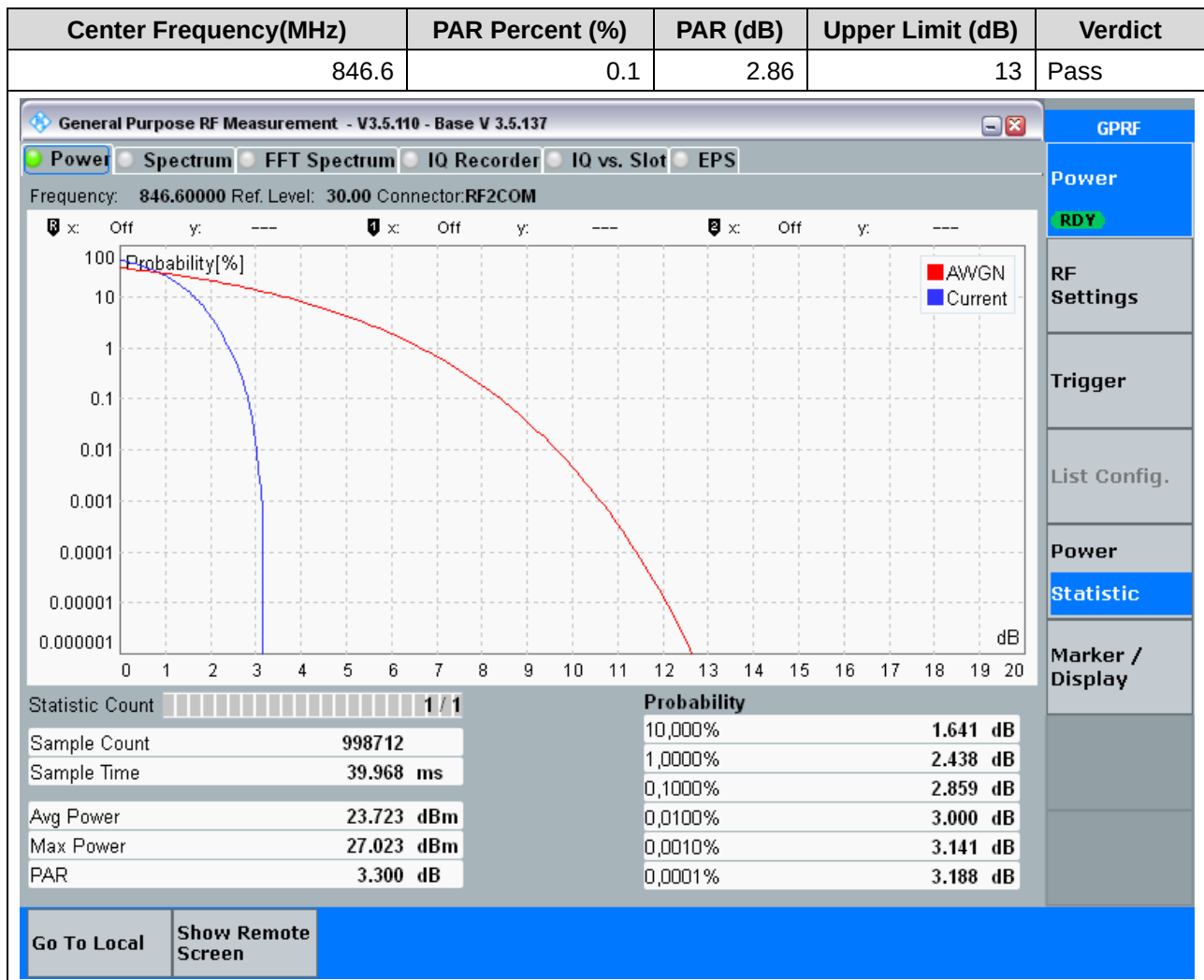
#### 3.1. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:4132)



### 3.2. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:4182)

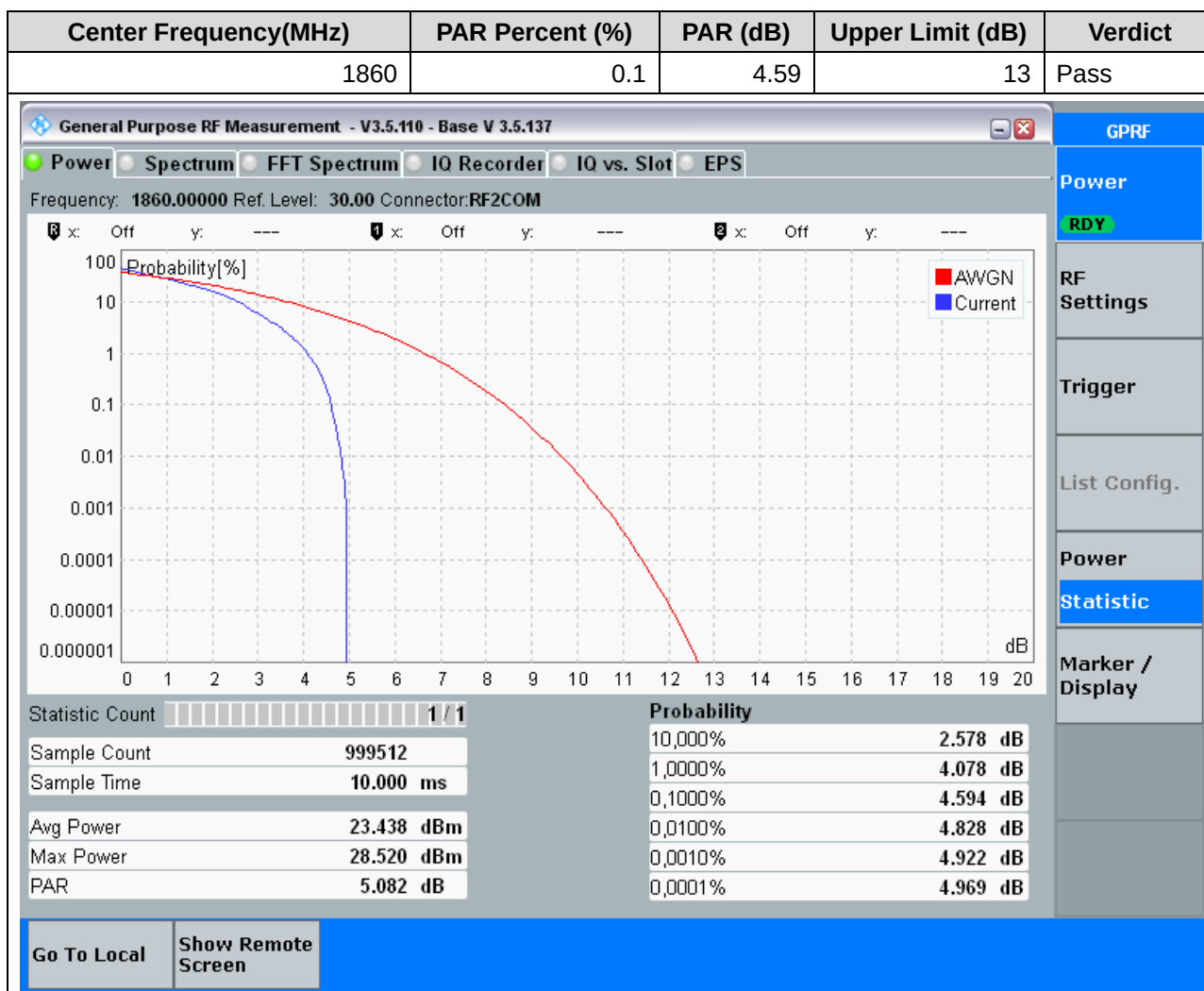


### 3.3. WCDMA Peak to Average Ratio\_Part22-24-27(NTNV)(Channel:4233)

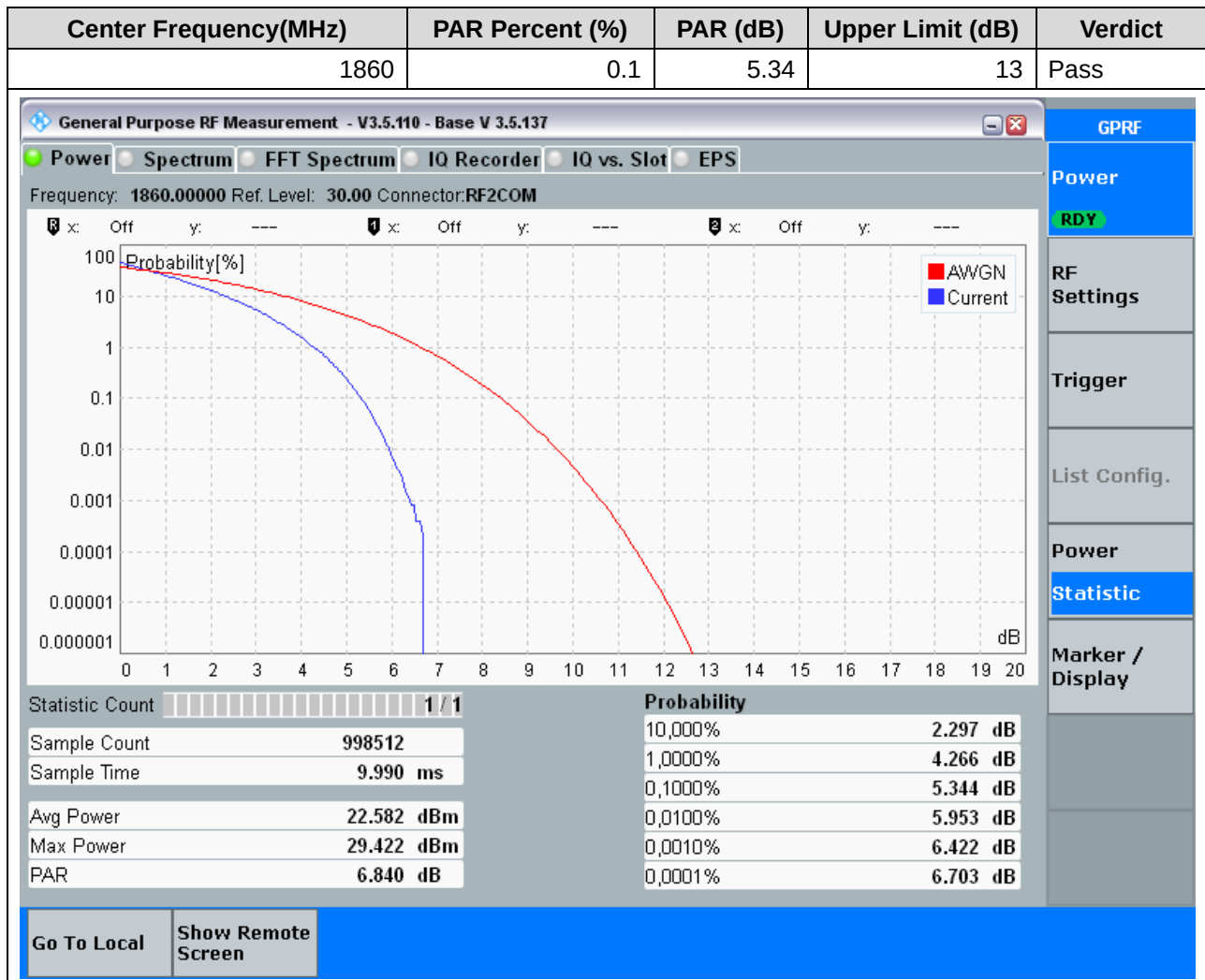


## 4. LTE\_Band2

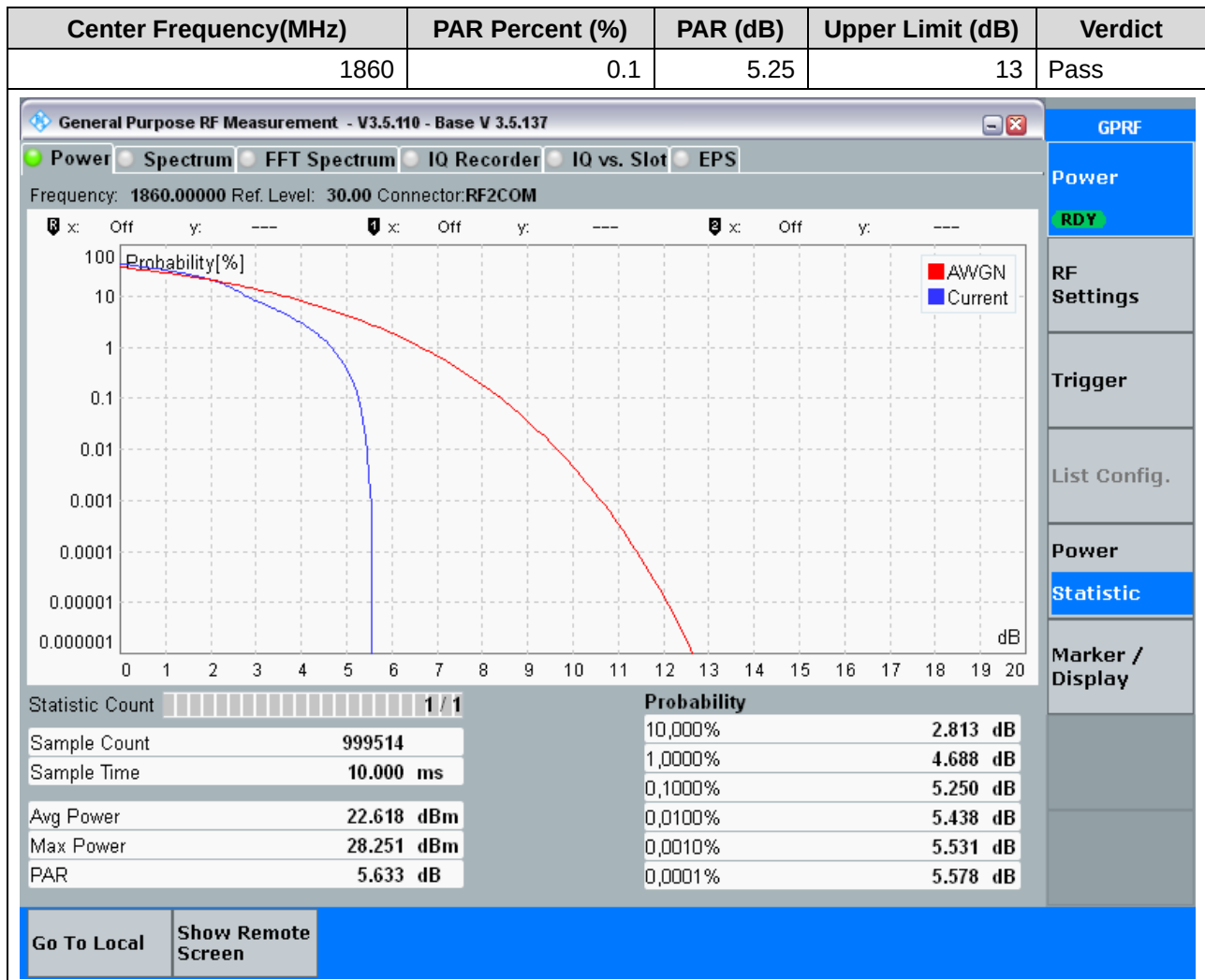
### 4.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



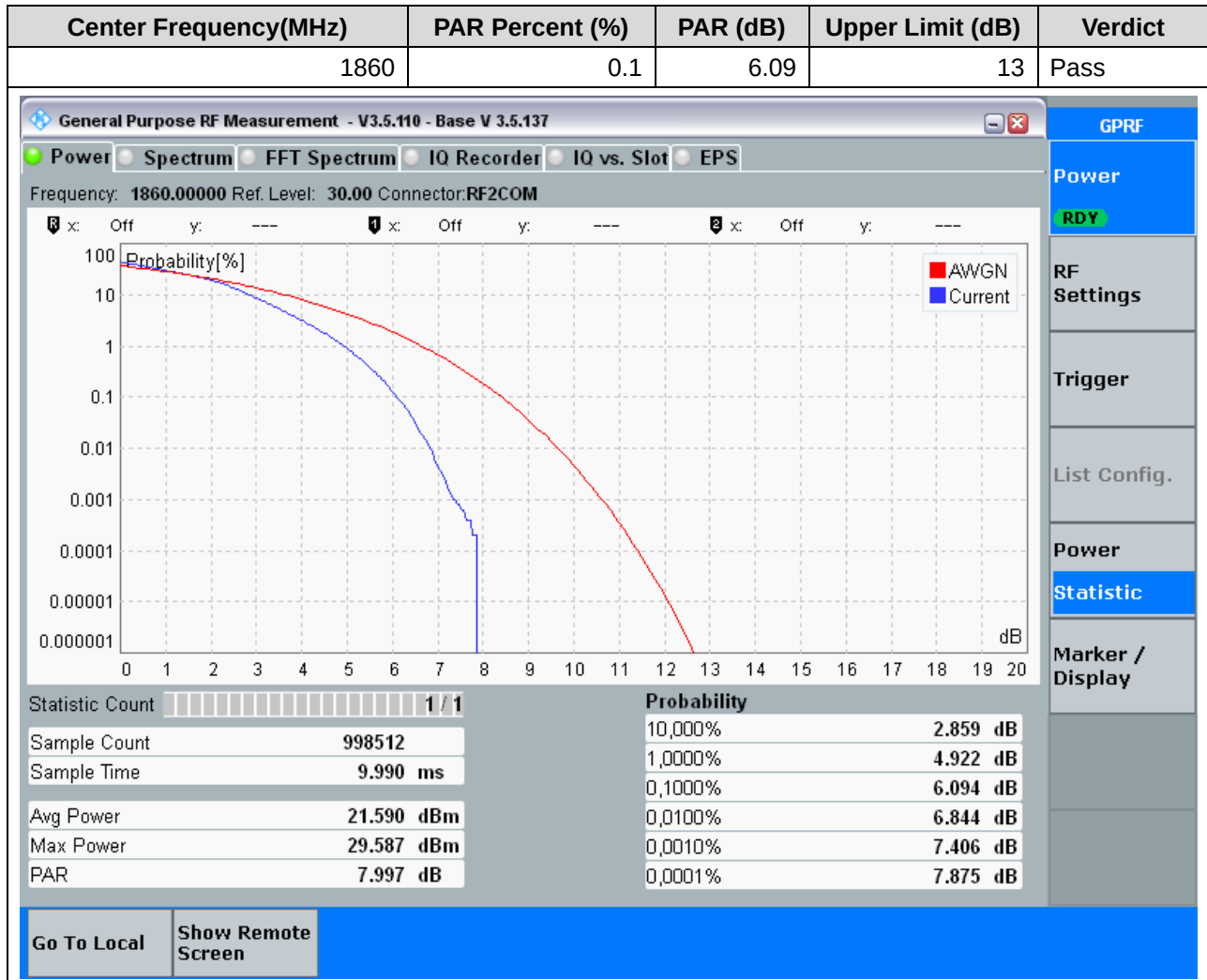
#### 4.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



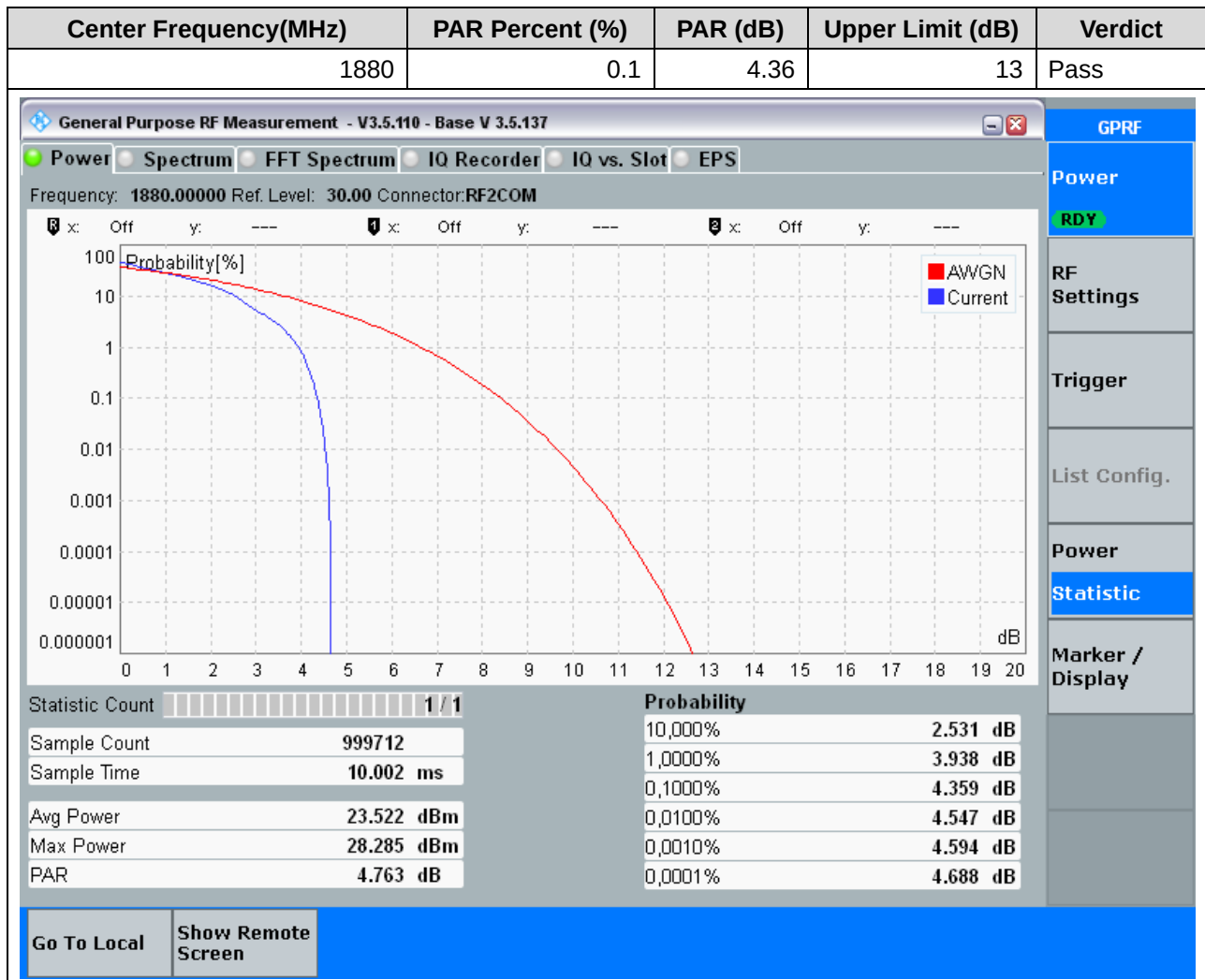
#### 4.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



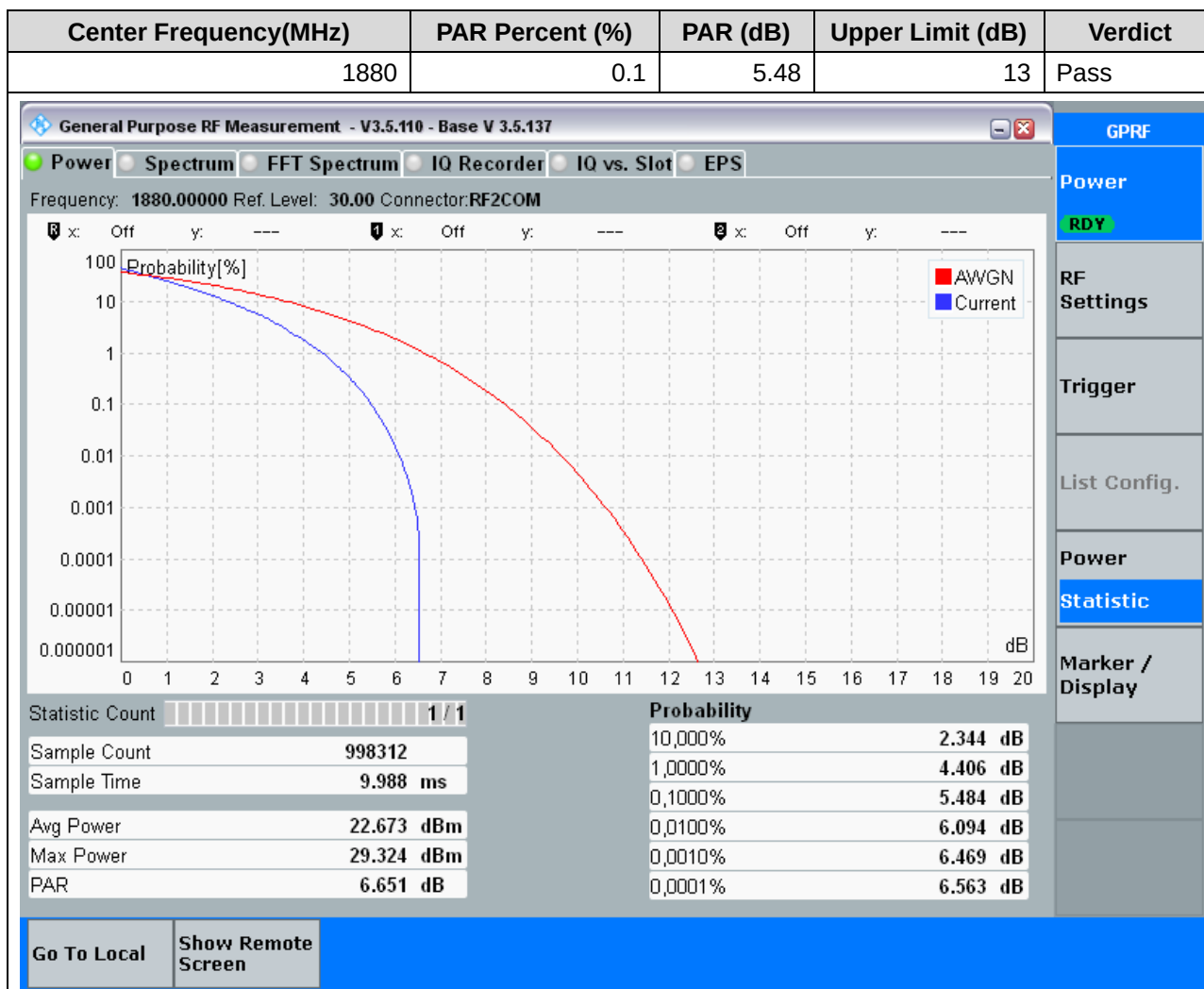
#### 4.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



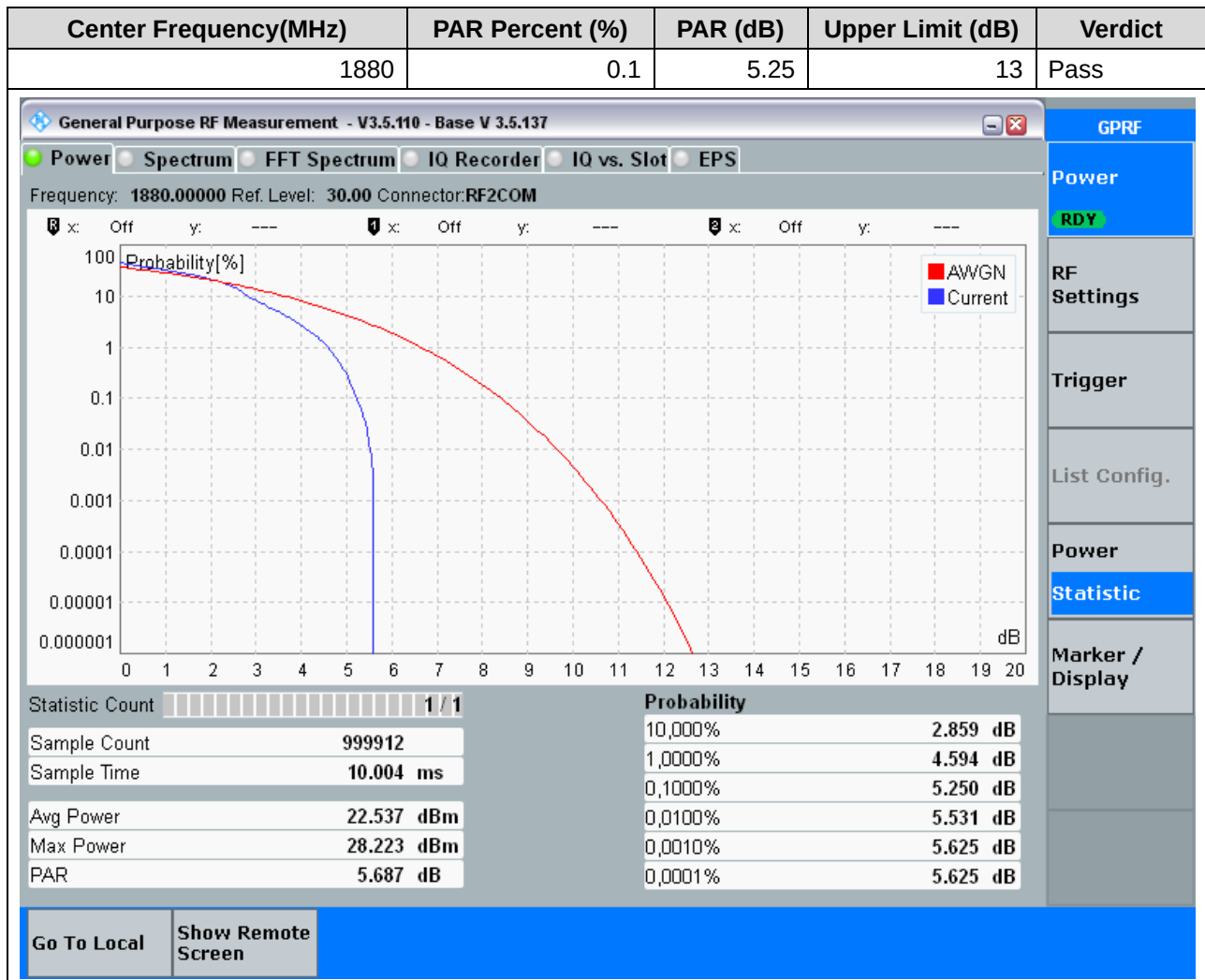
#### 4.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



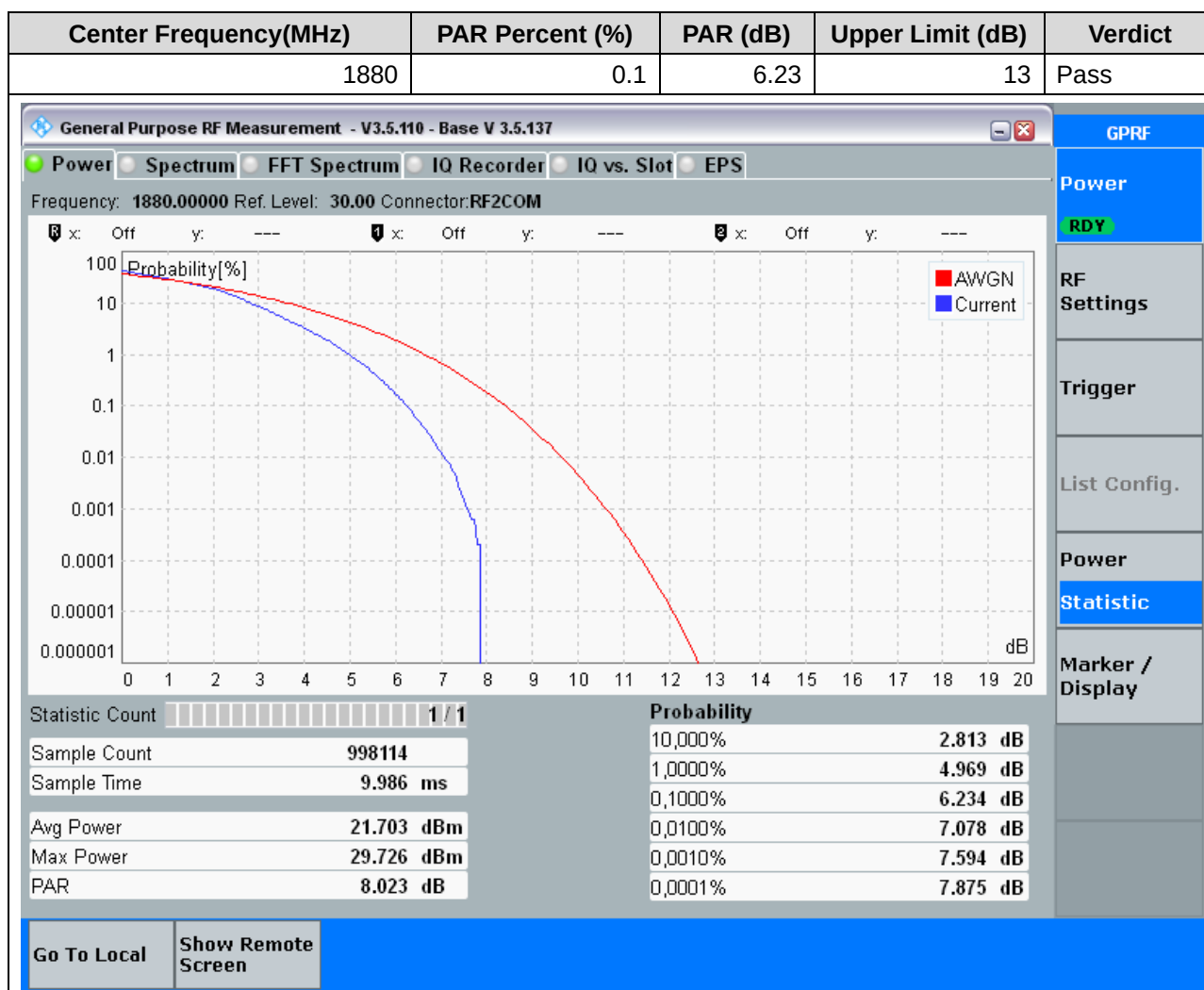
#### 4.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



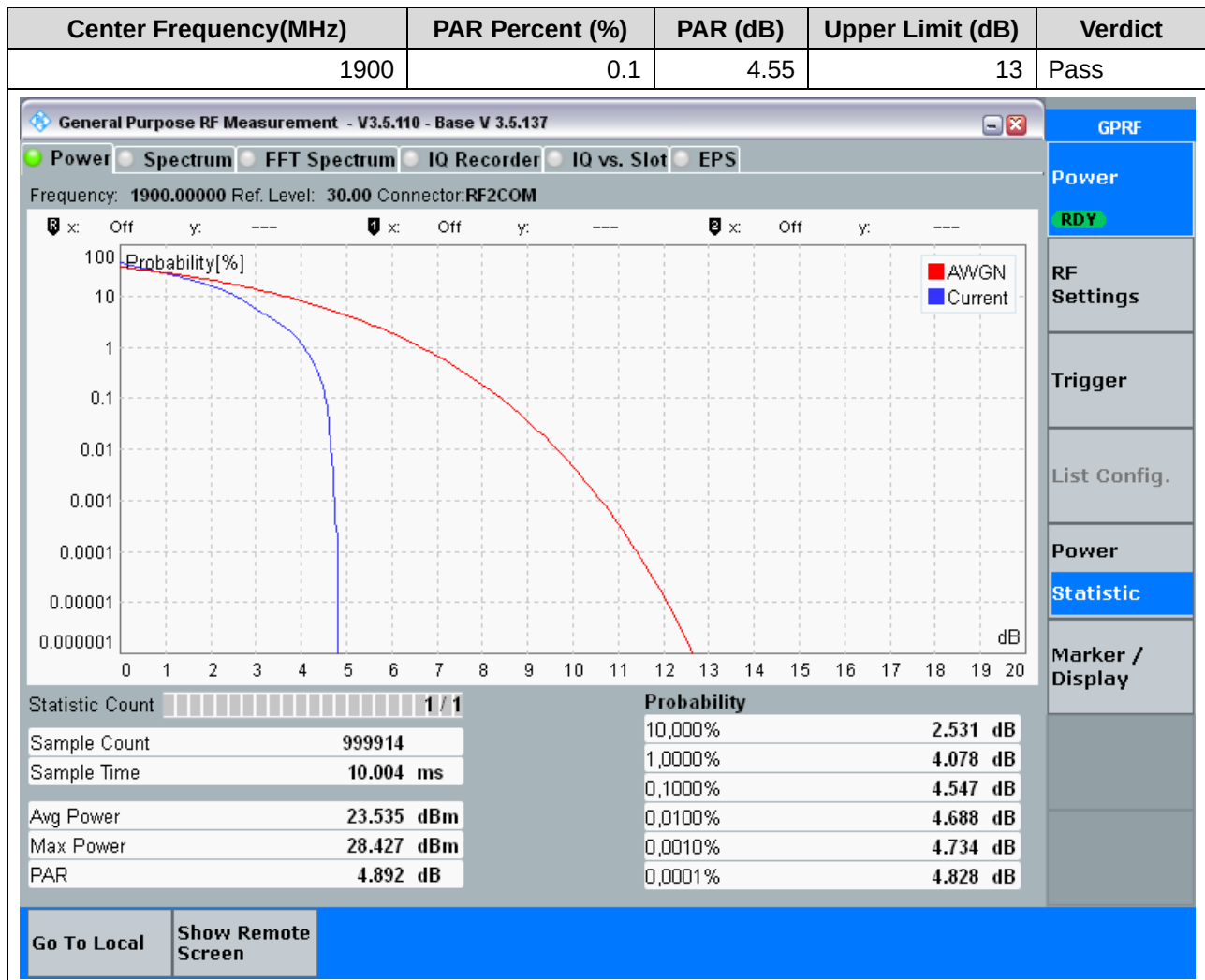
#### 4.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



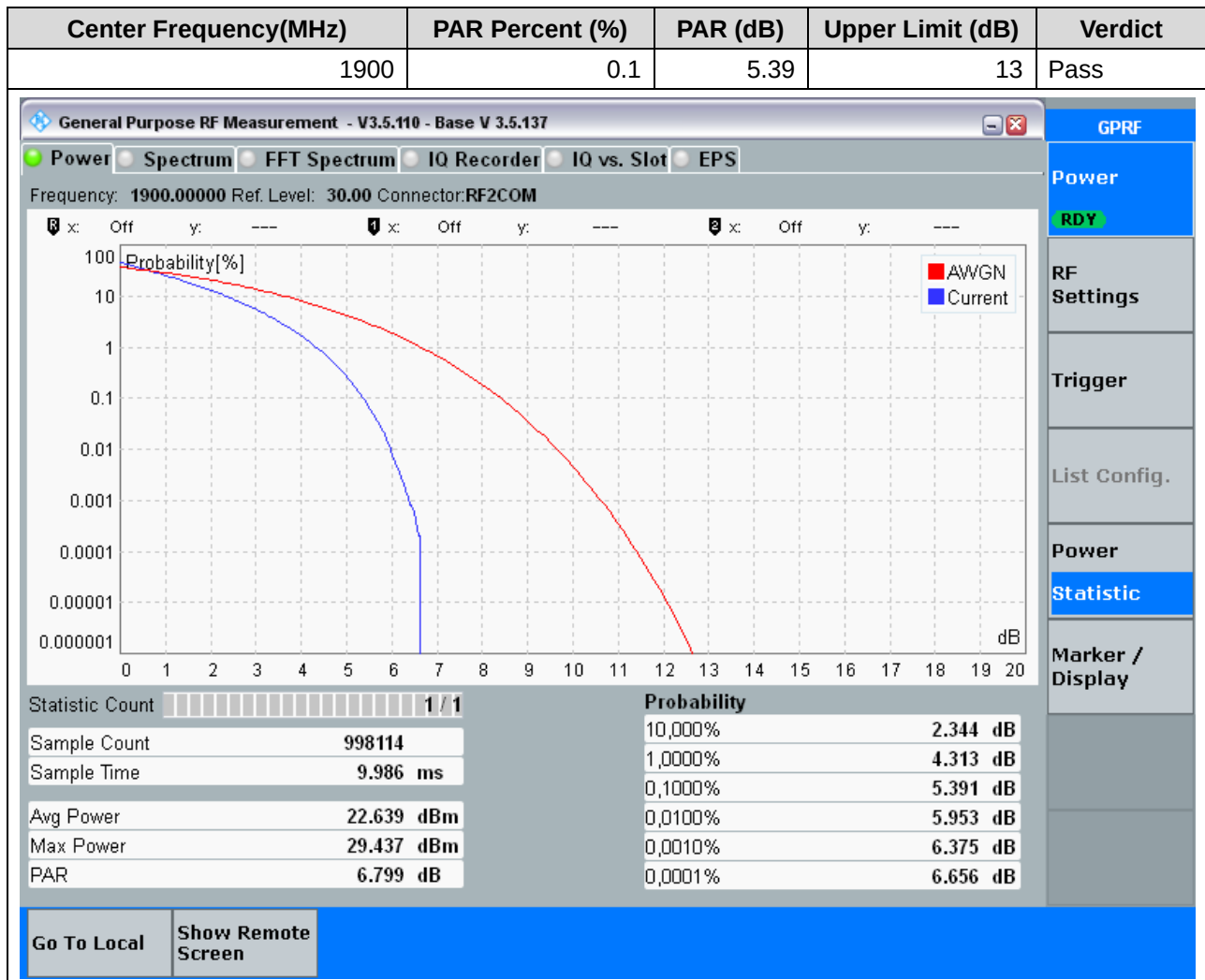
#### 4.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



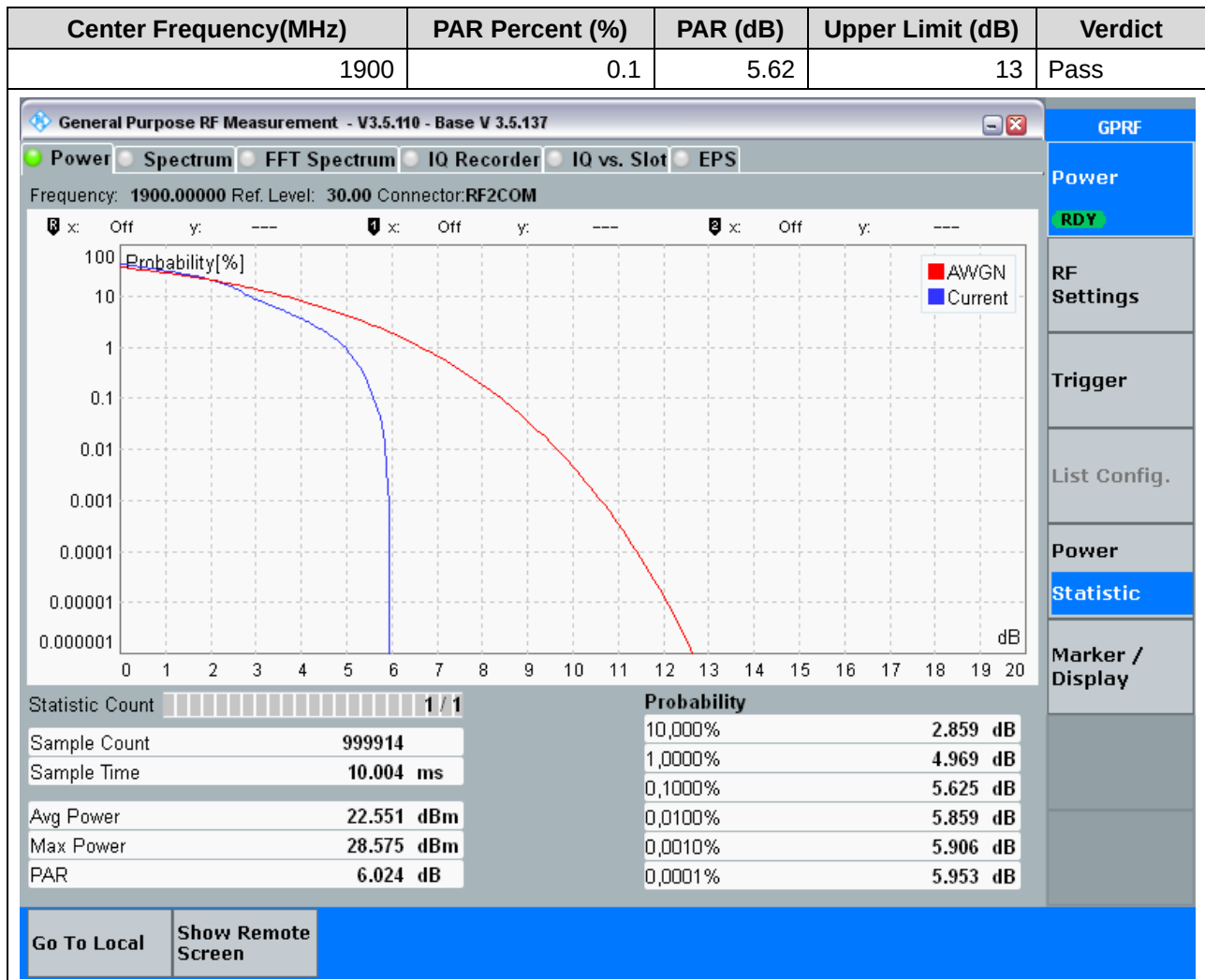
#### 4.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



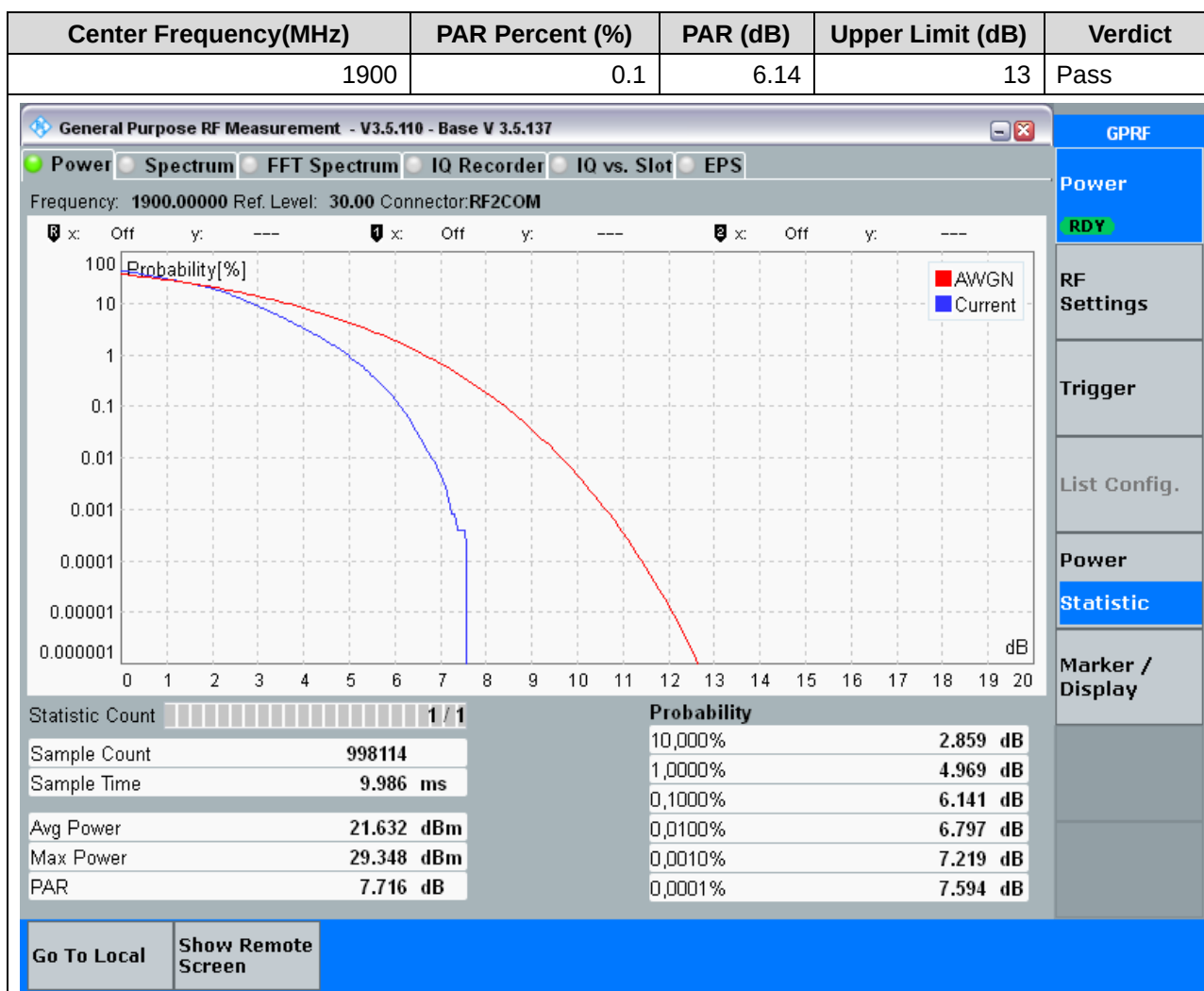
#### 4.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



#### 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)

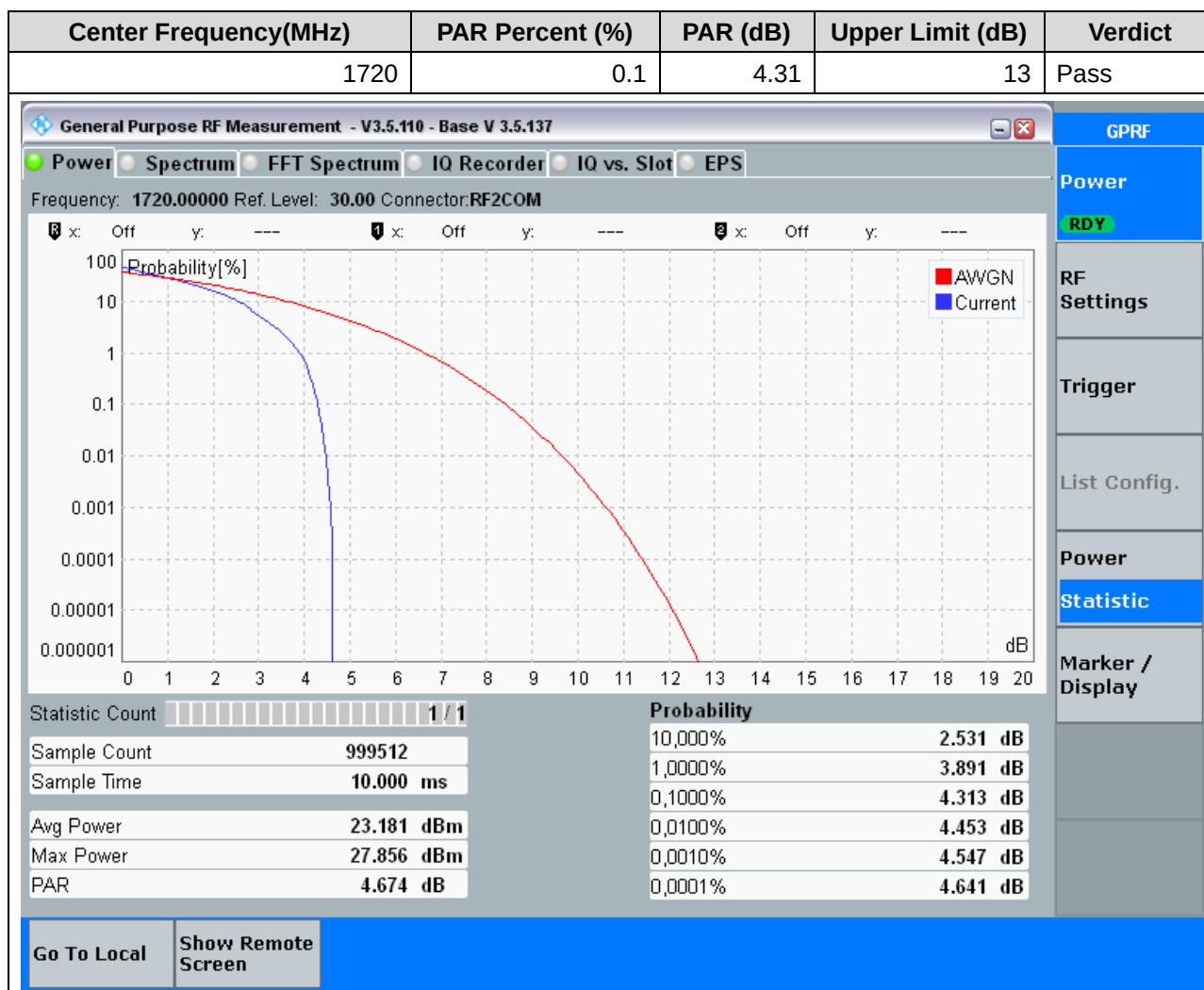


#### 4.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

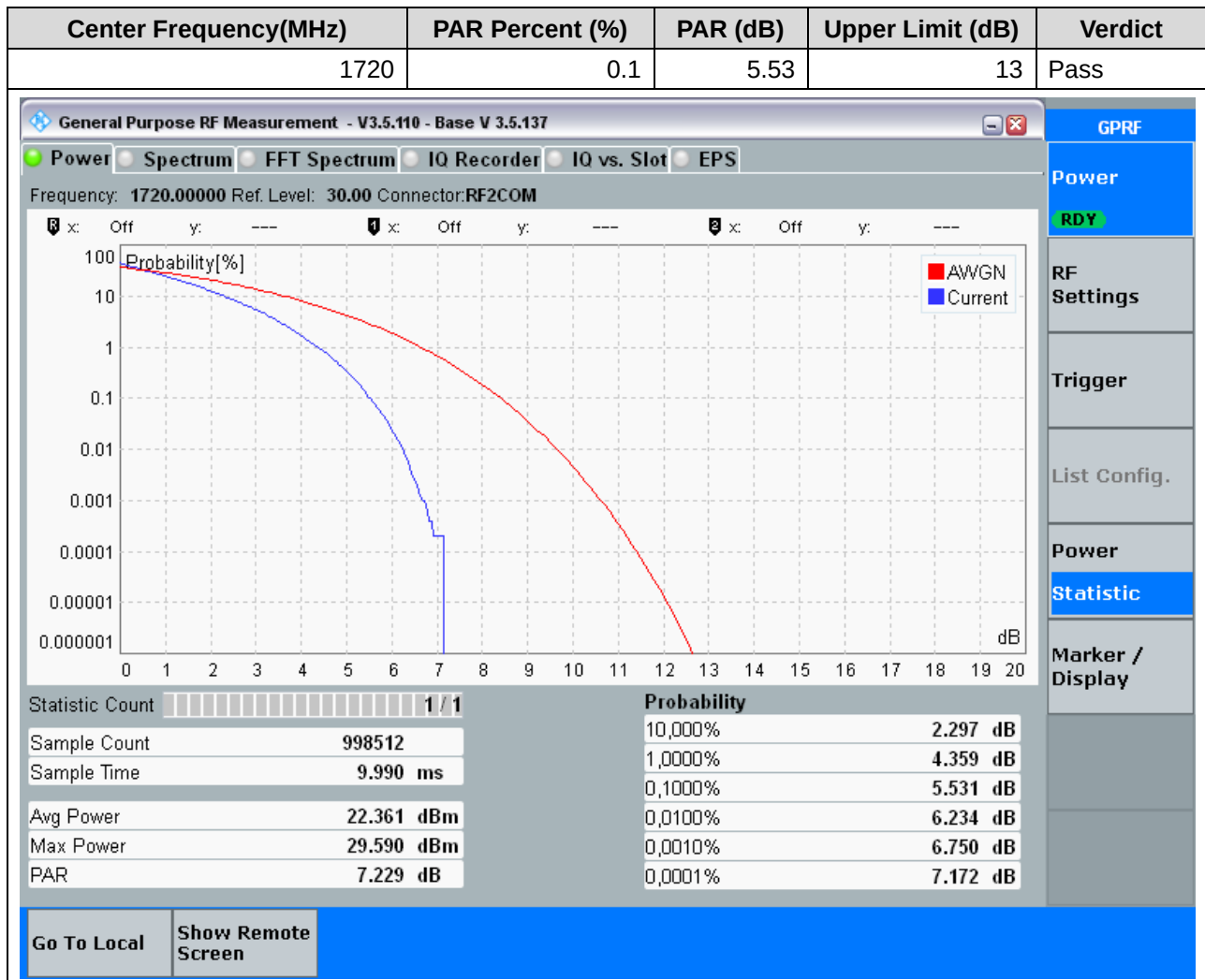


## 5. LTE\_Band4

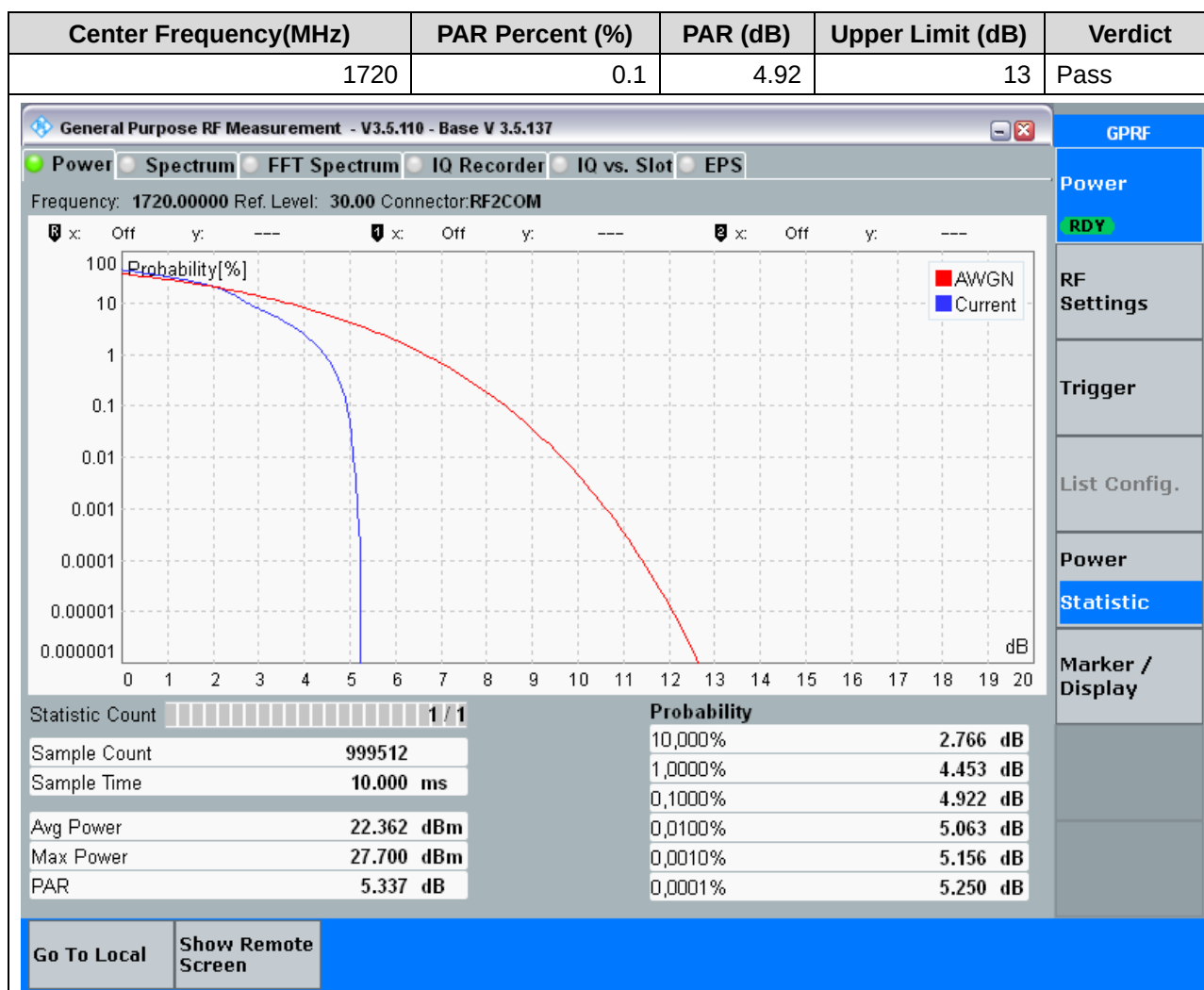
### 5.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



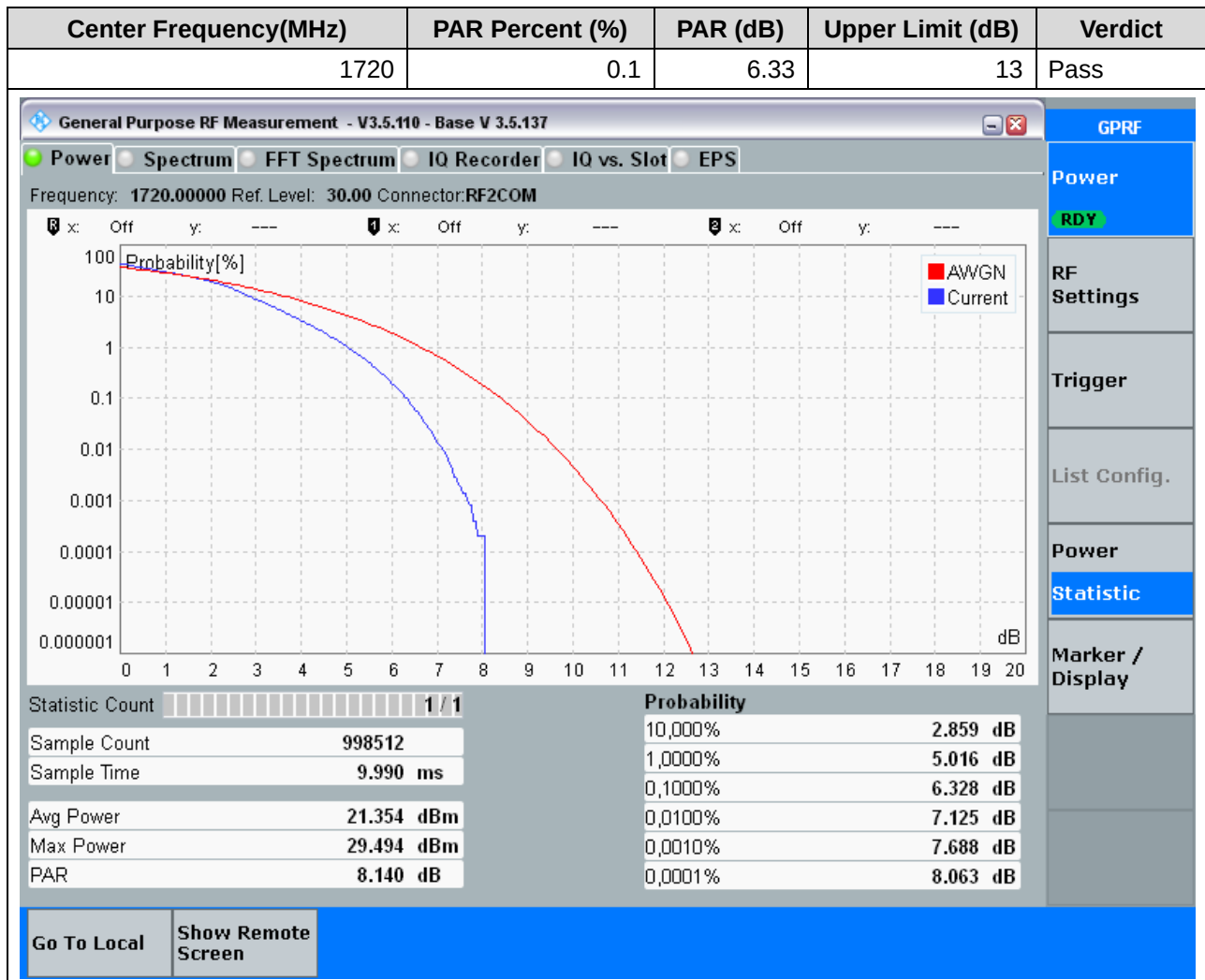
## 5.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



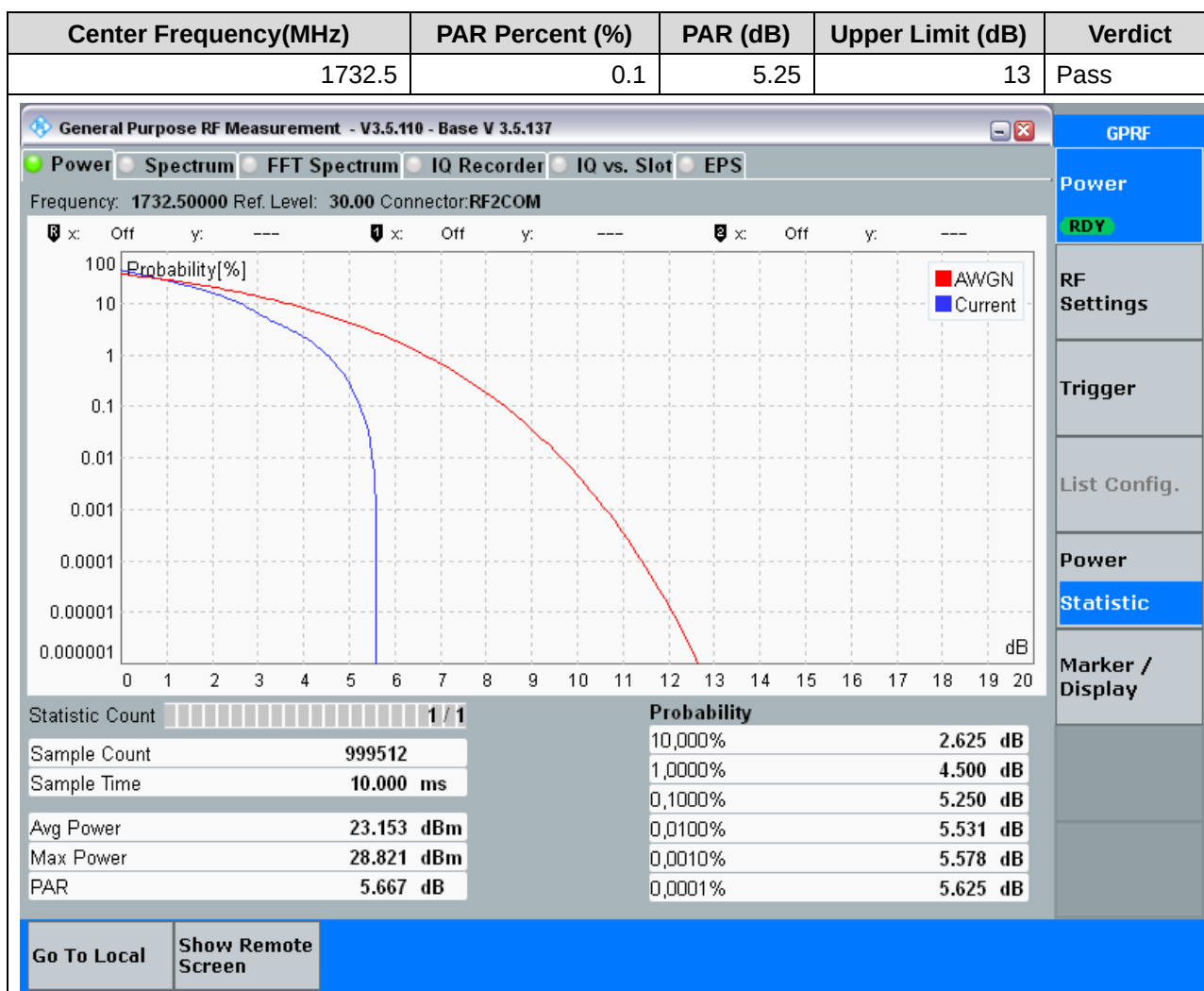
### 5.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



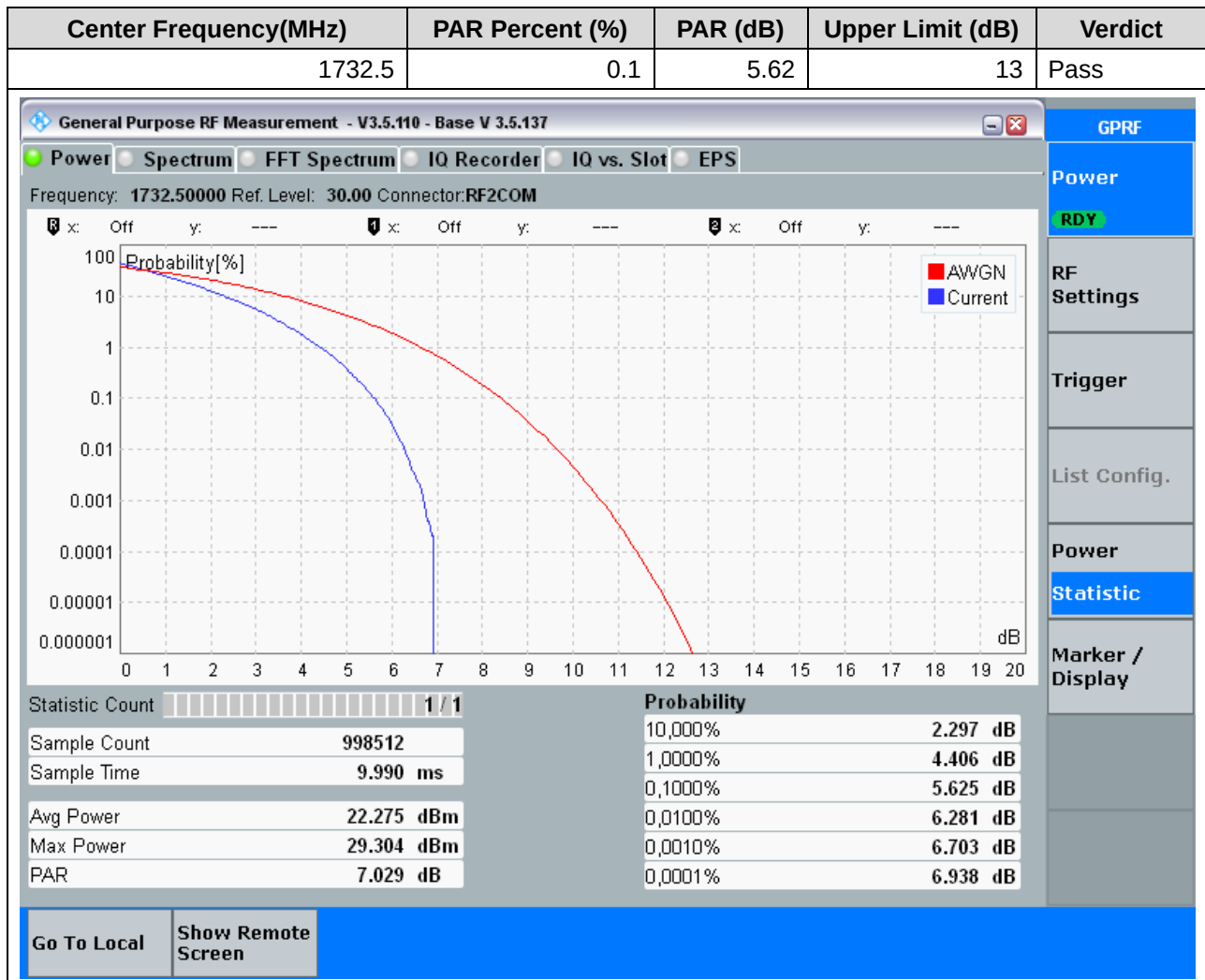
#### 5.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



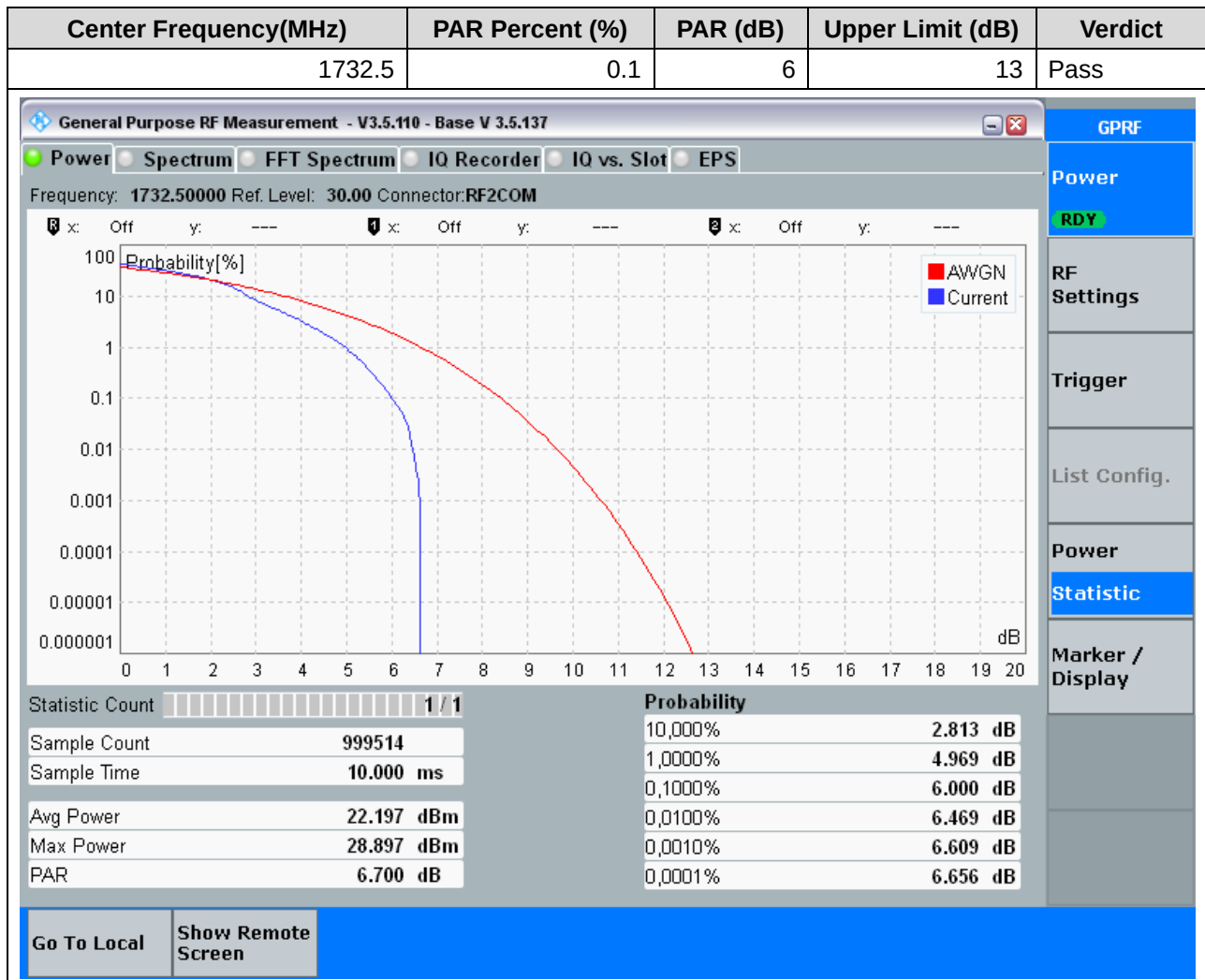
### 5.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



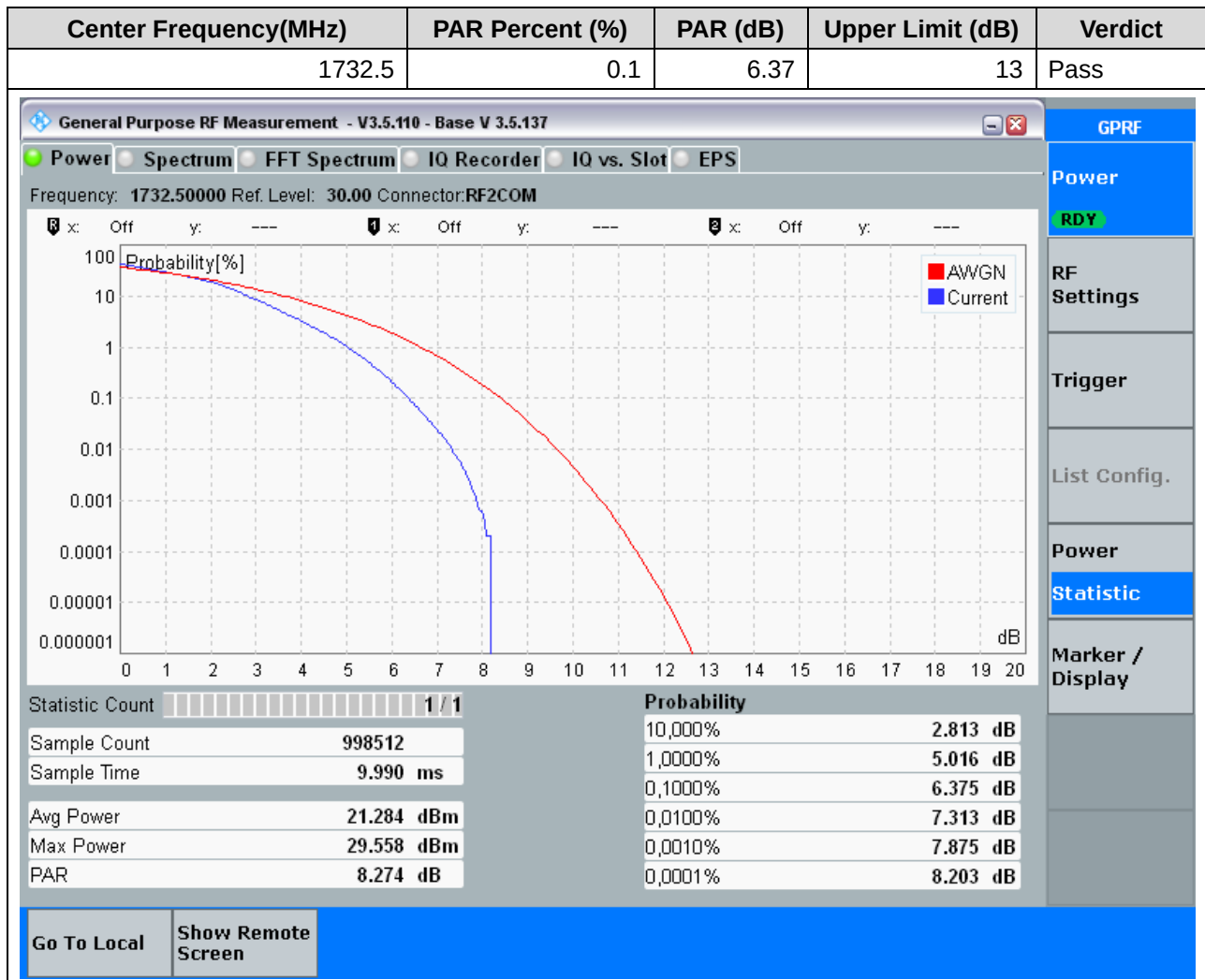
## 5.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



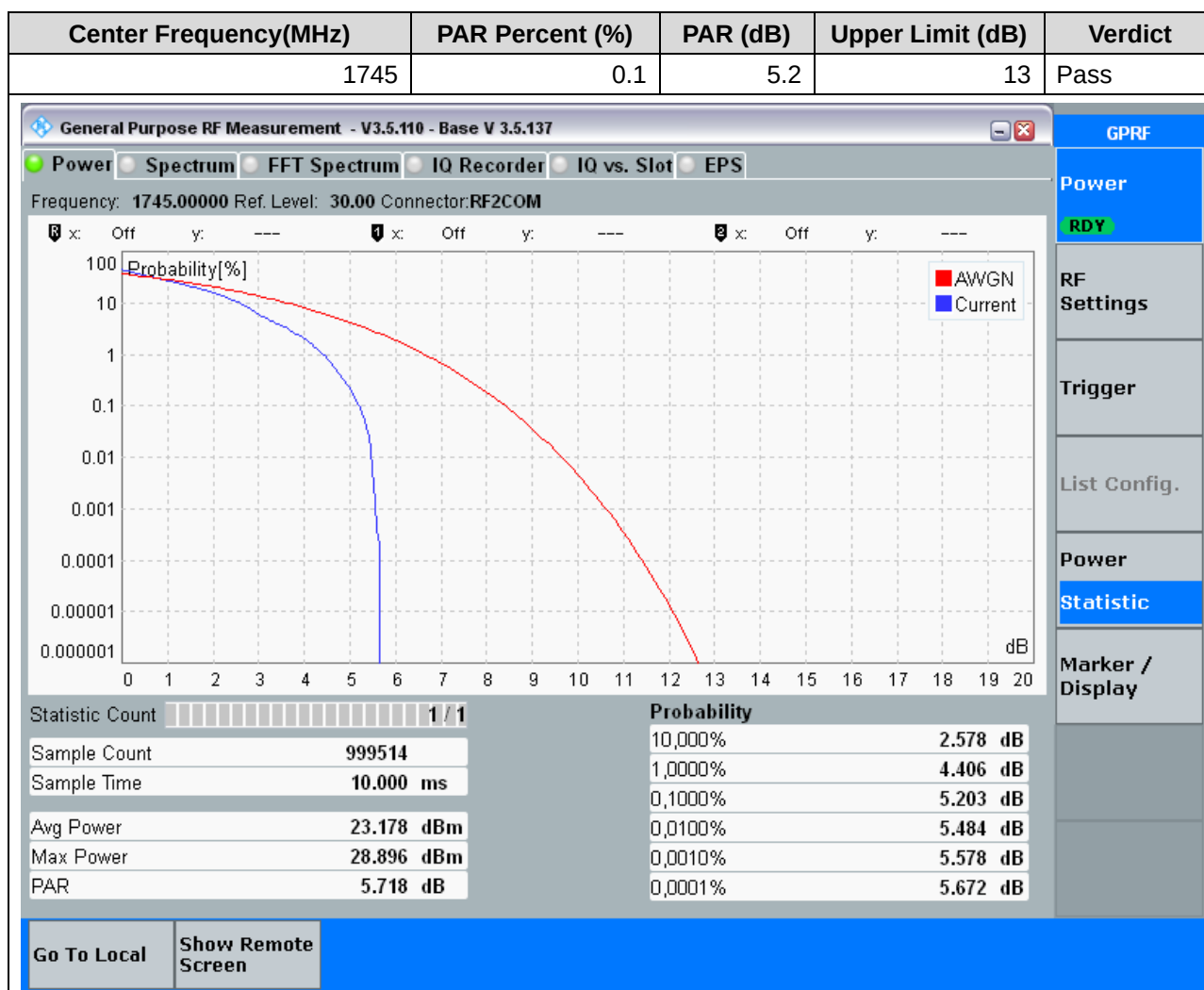
### 5.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



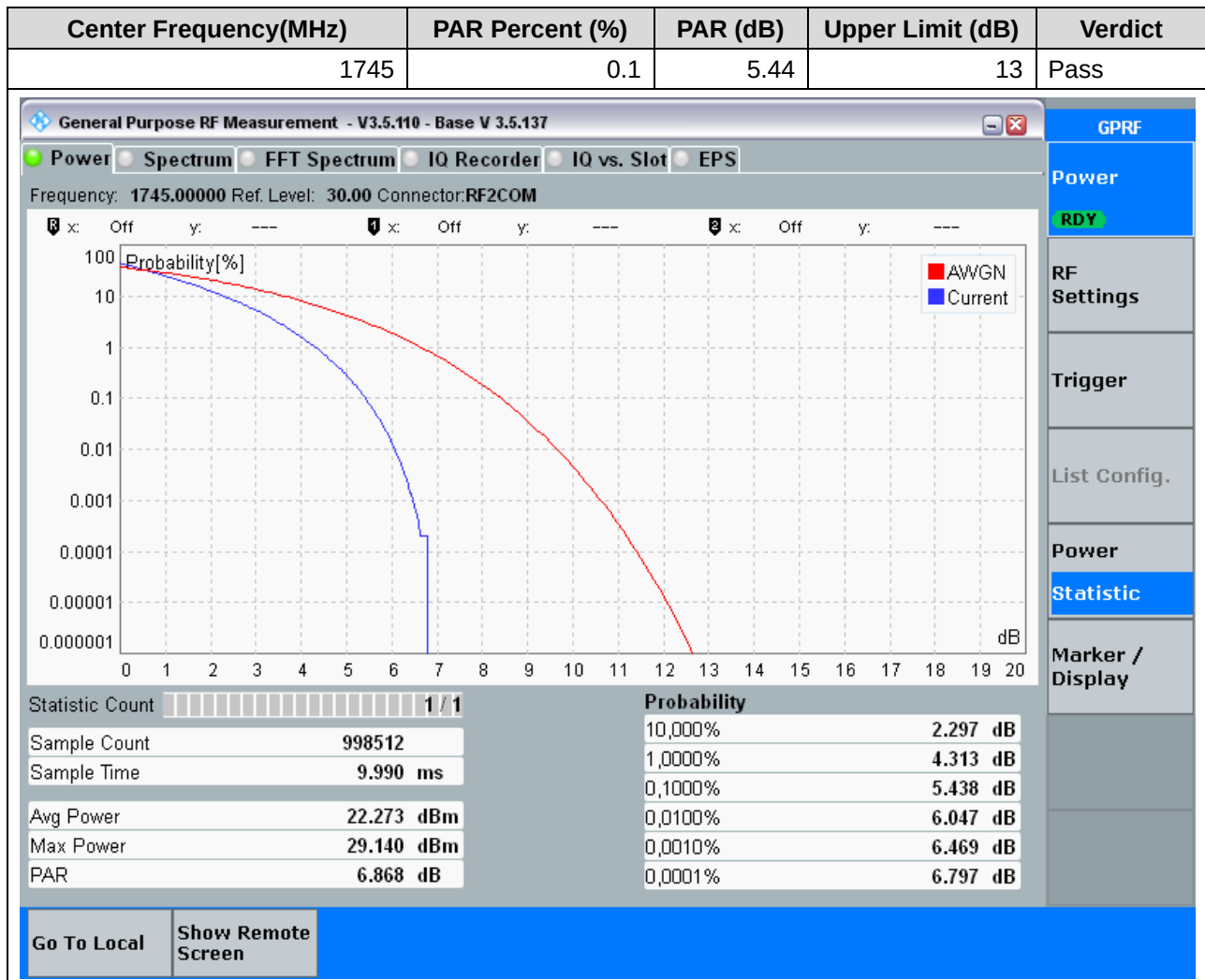
## 5.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



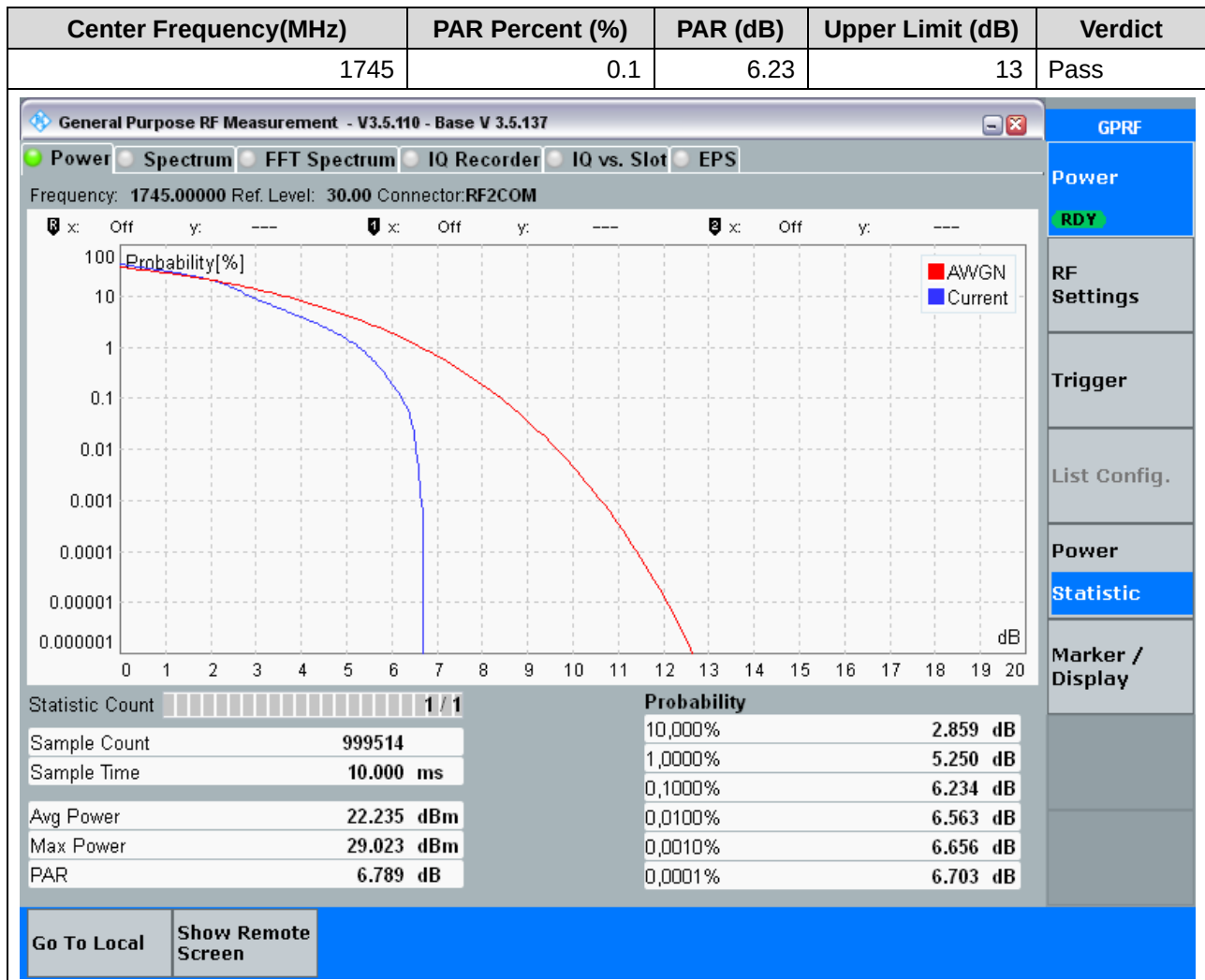
### 5.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



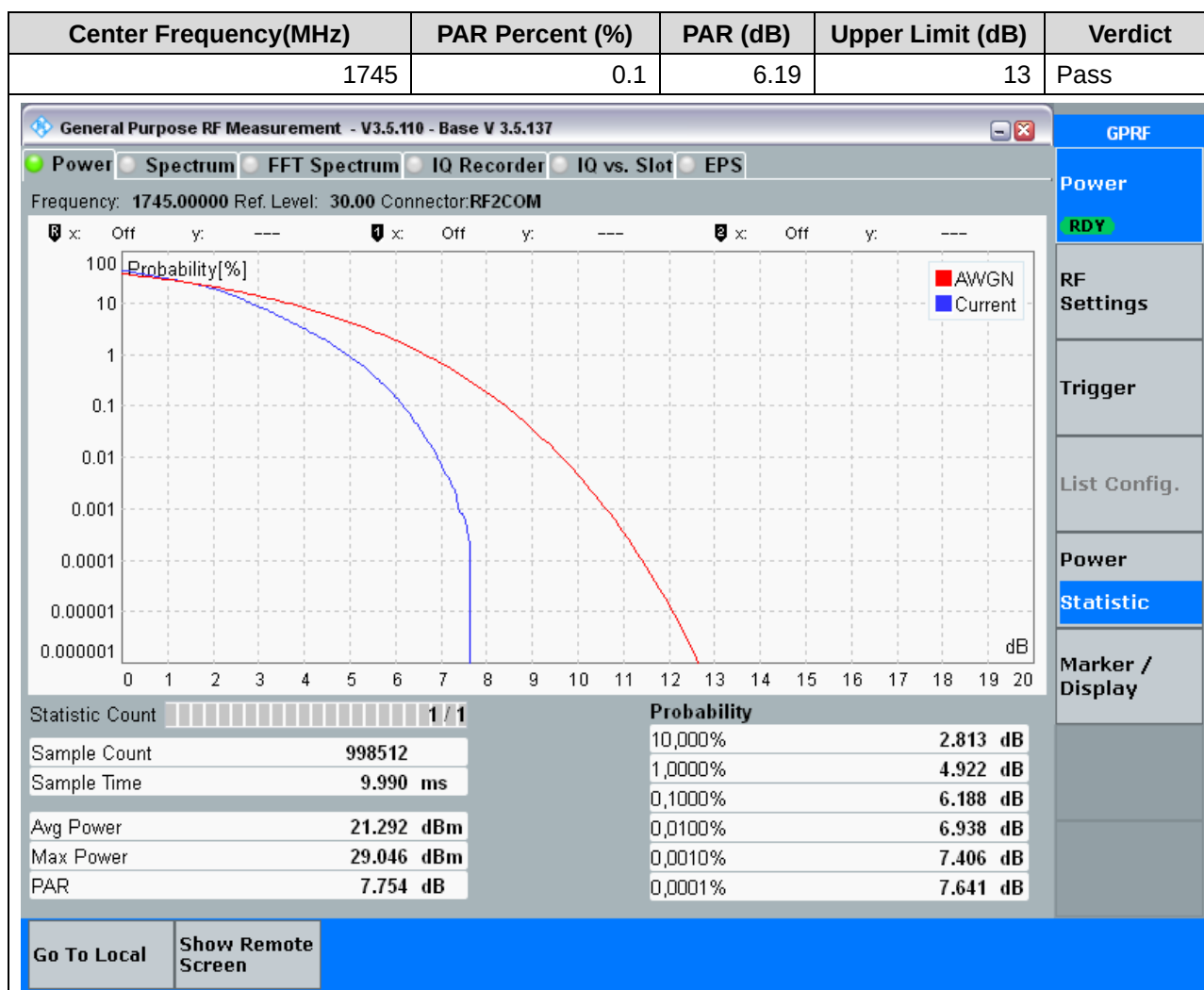
### 5.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



### 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)

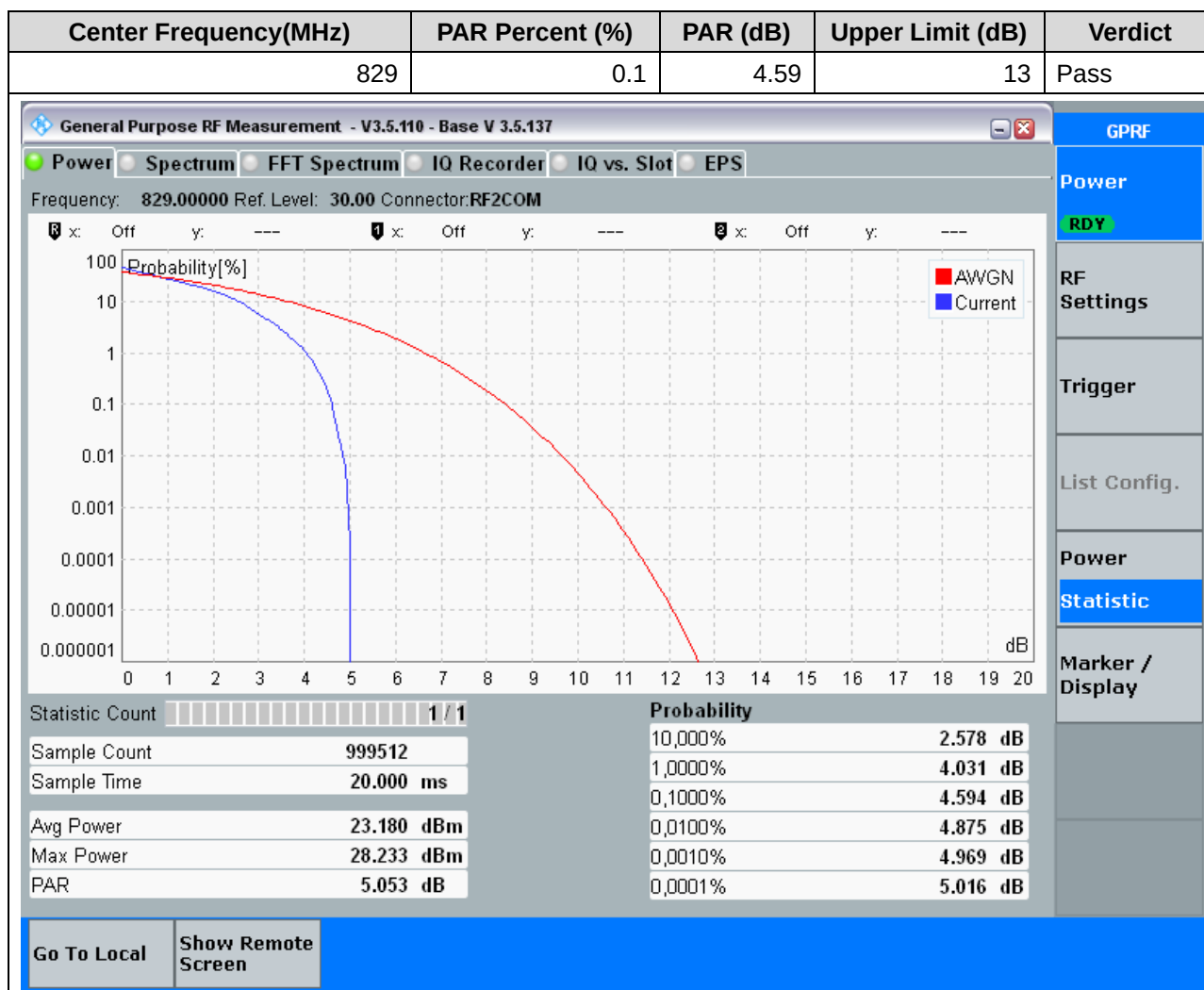


## 5.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

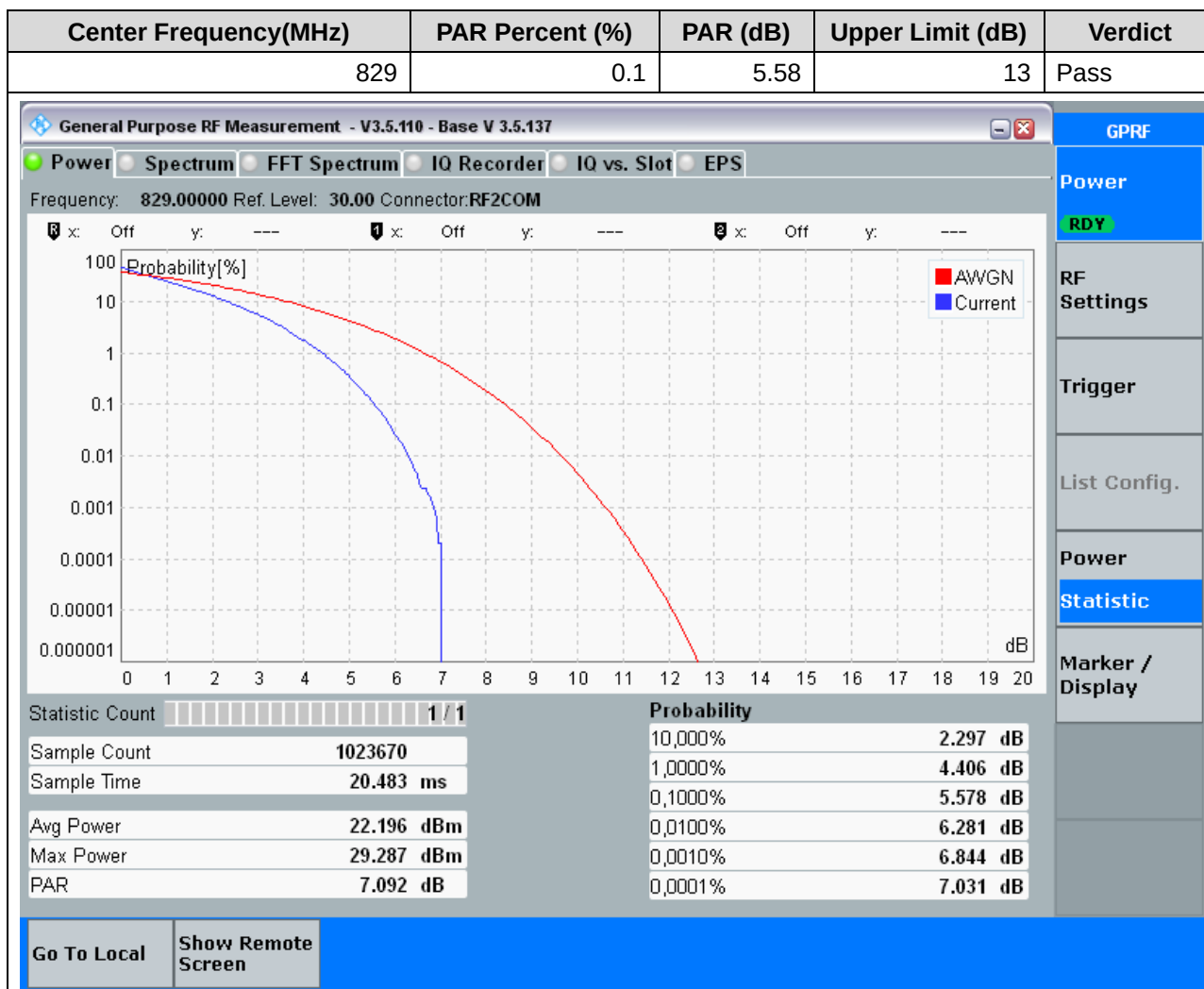


## 6. LTE\_Band5

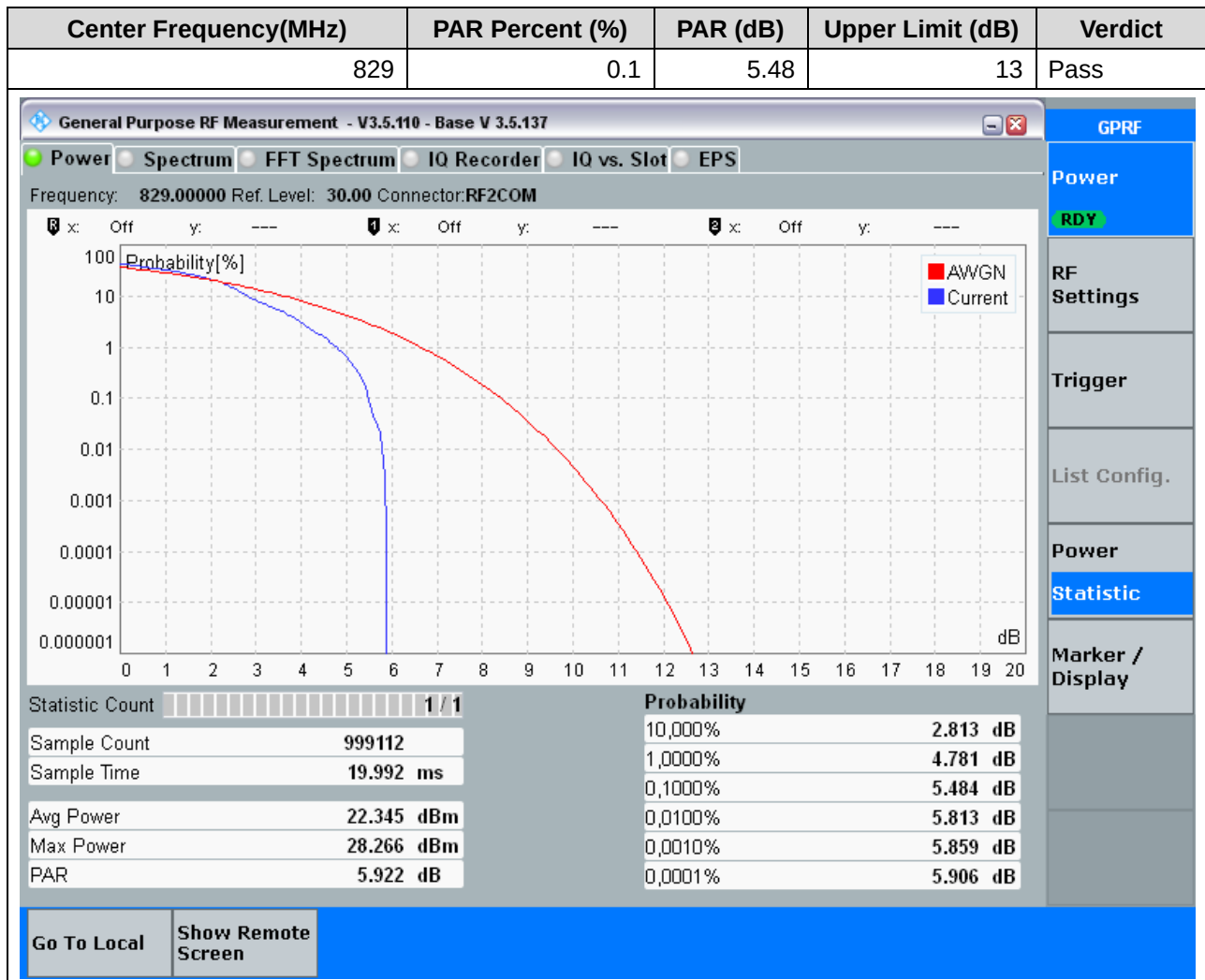
### 6.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



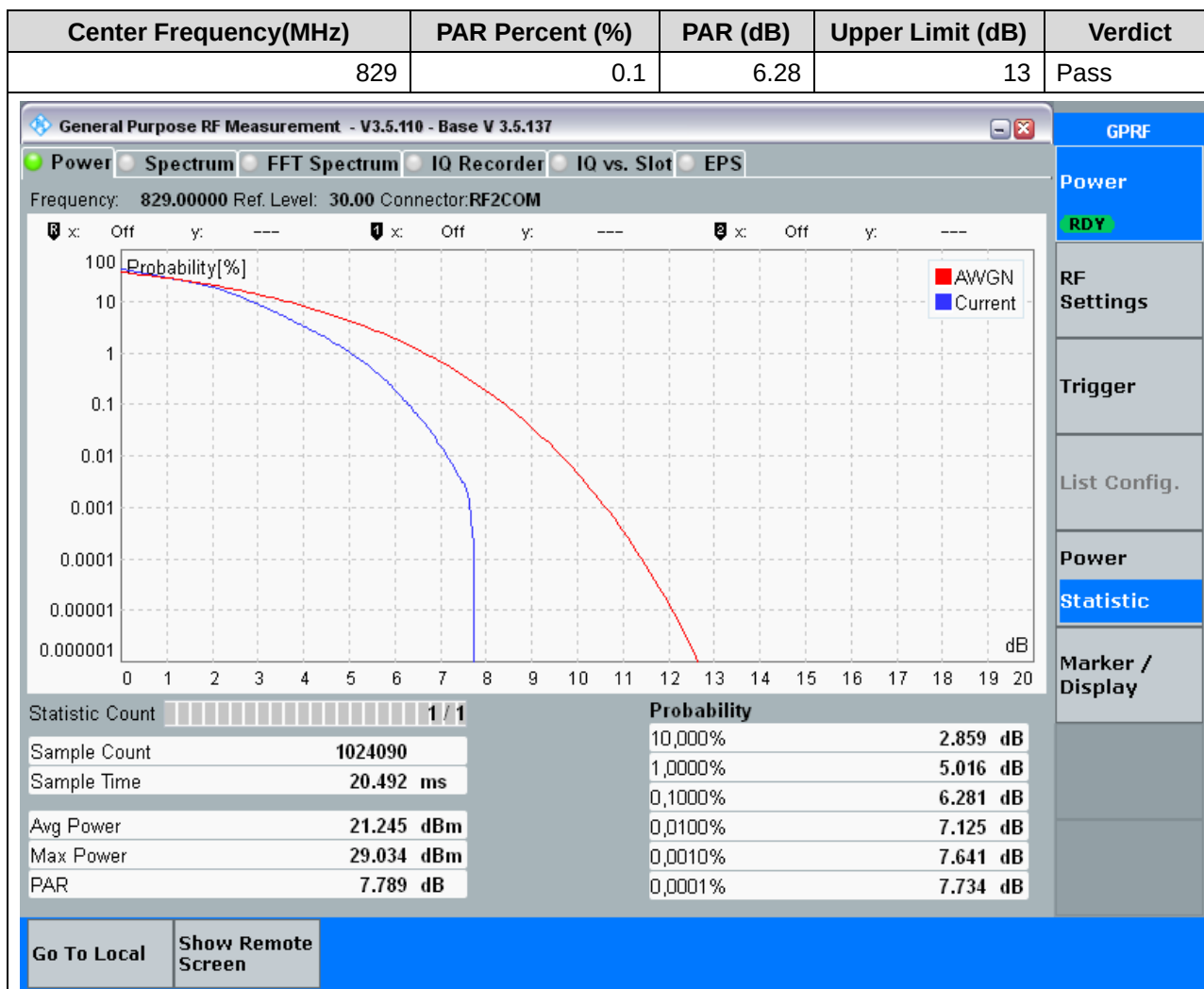
## 6.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



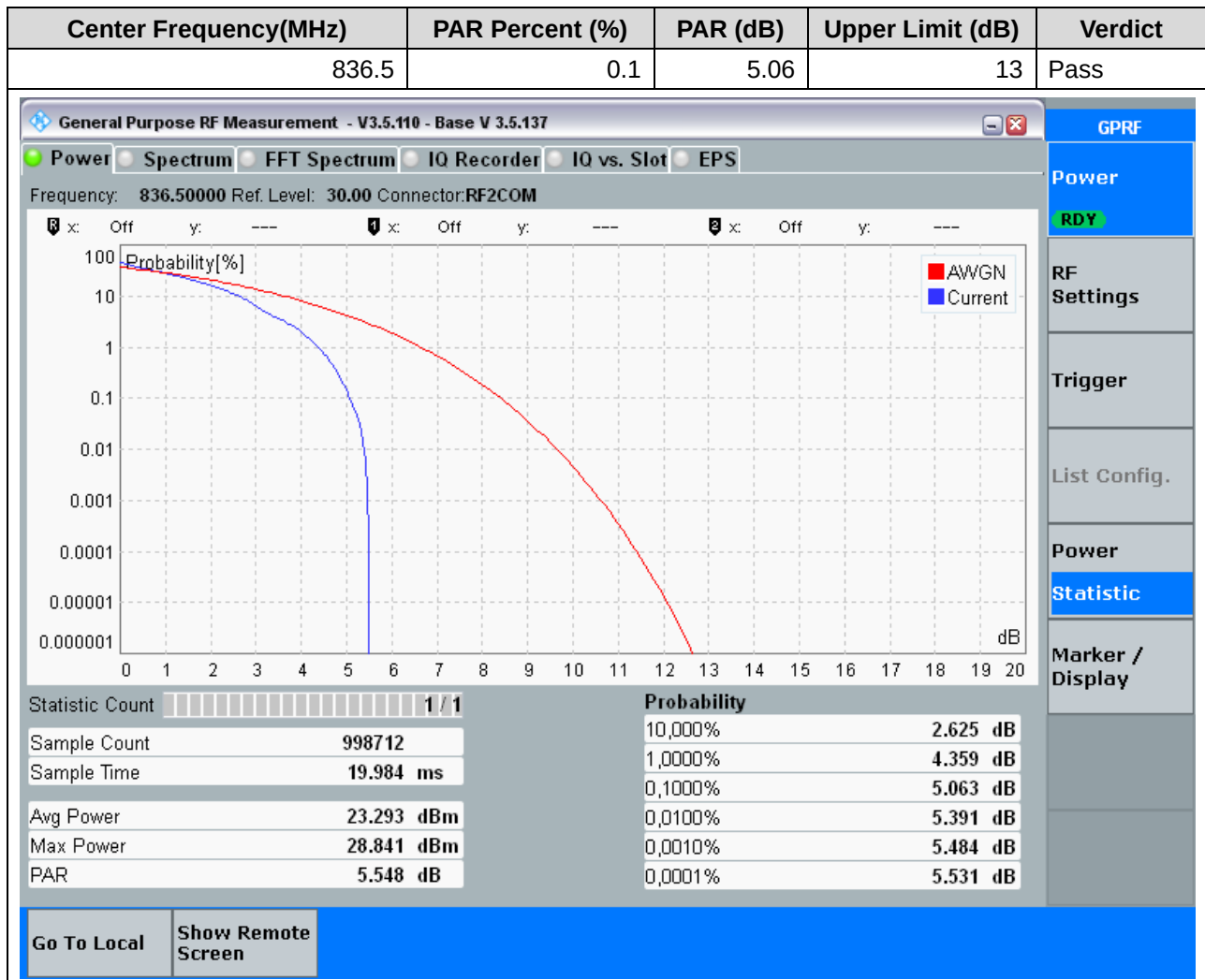
### 6.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



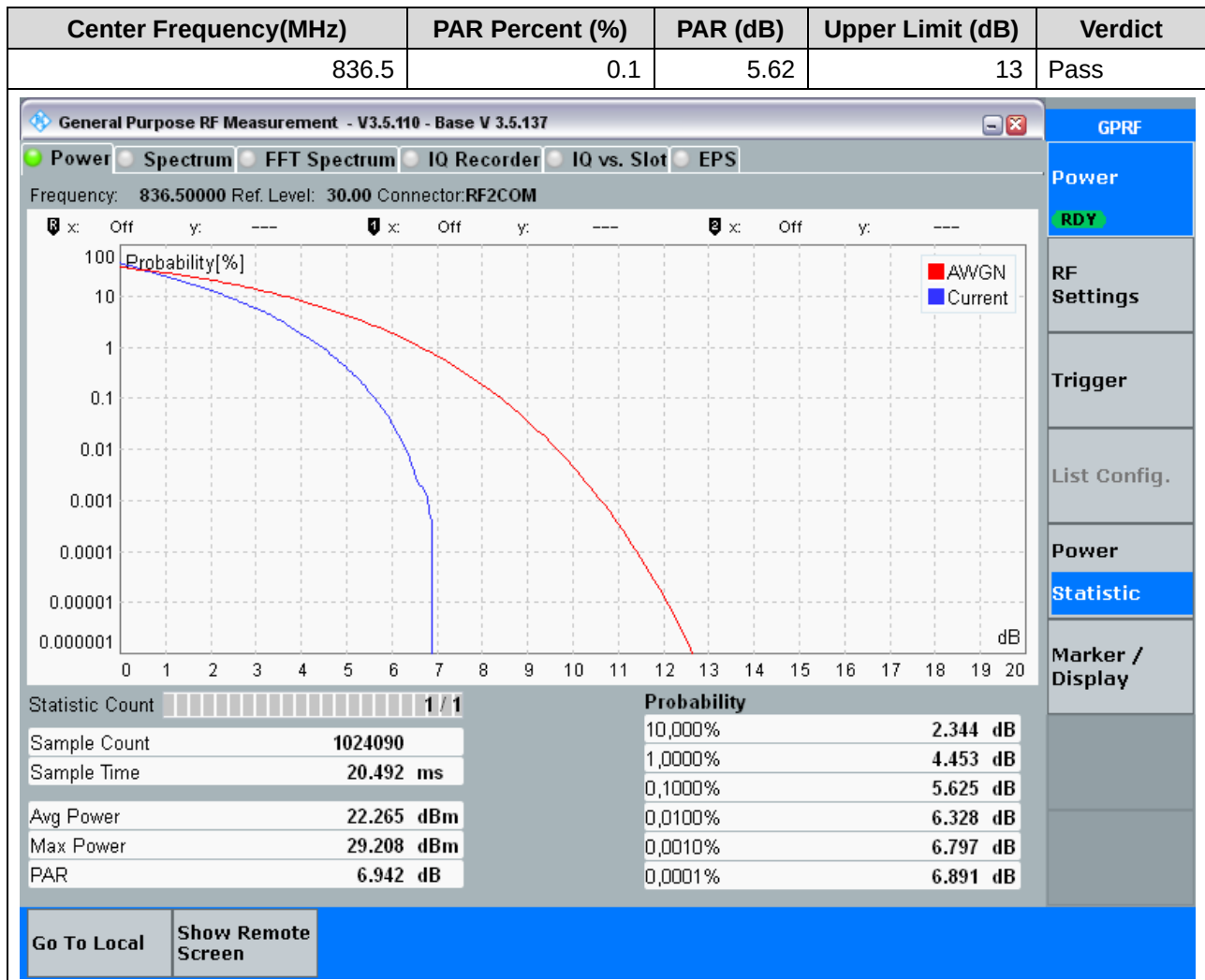
#### 6.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



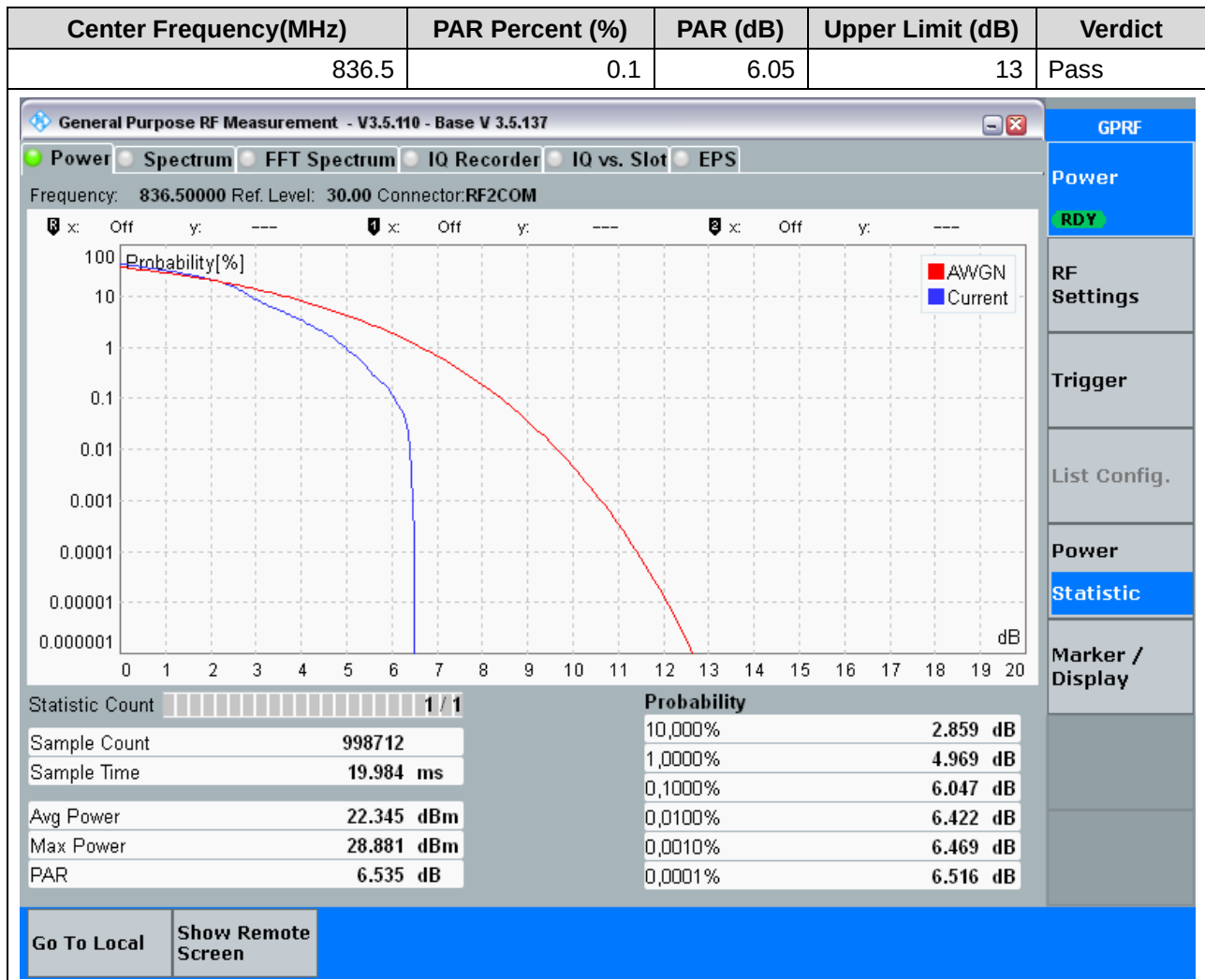
## 6.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



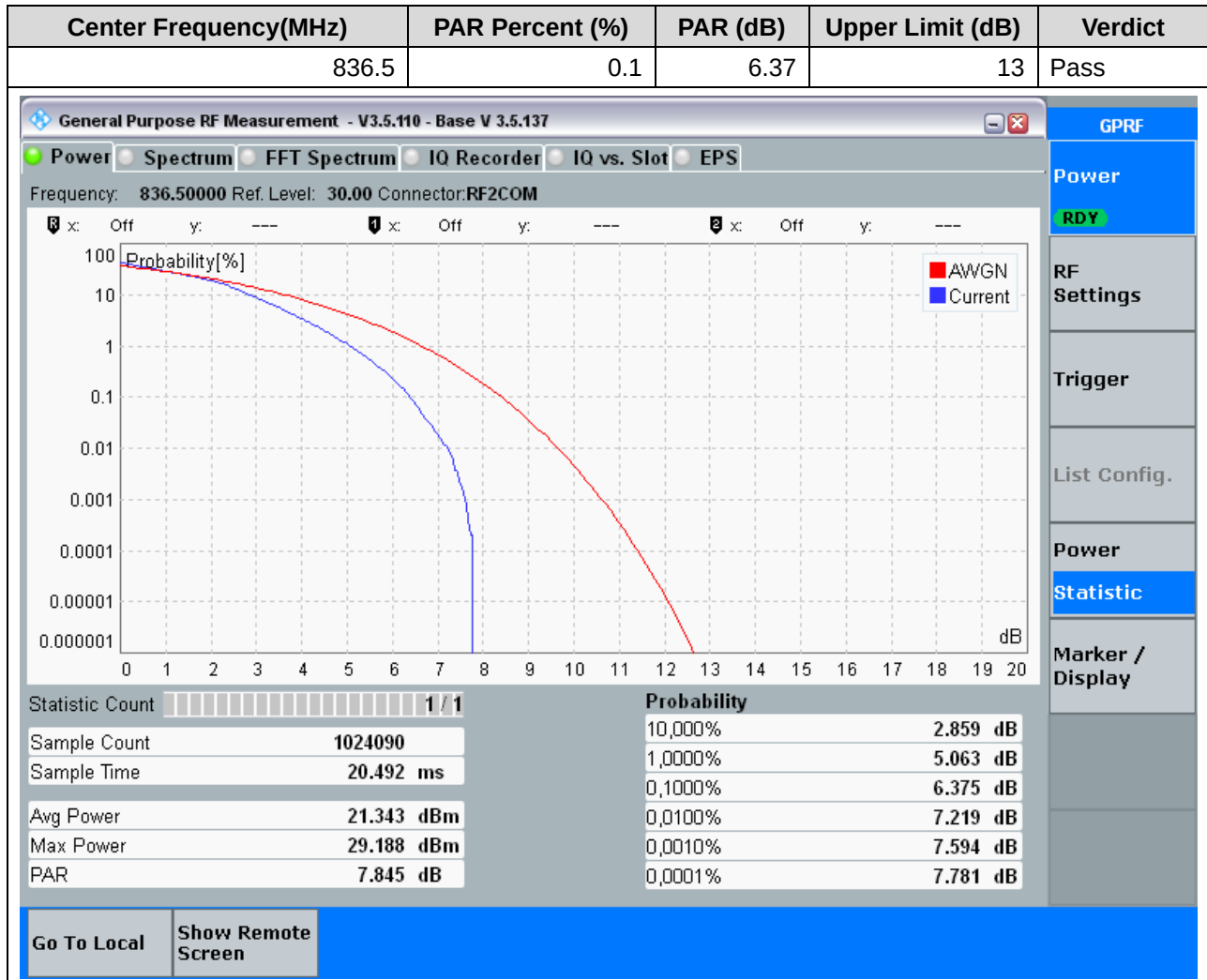
## 6.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



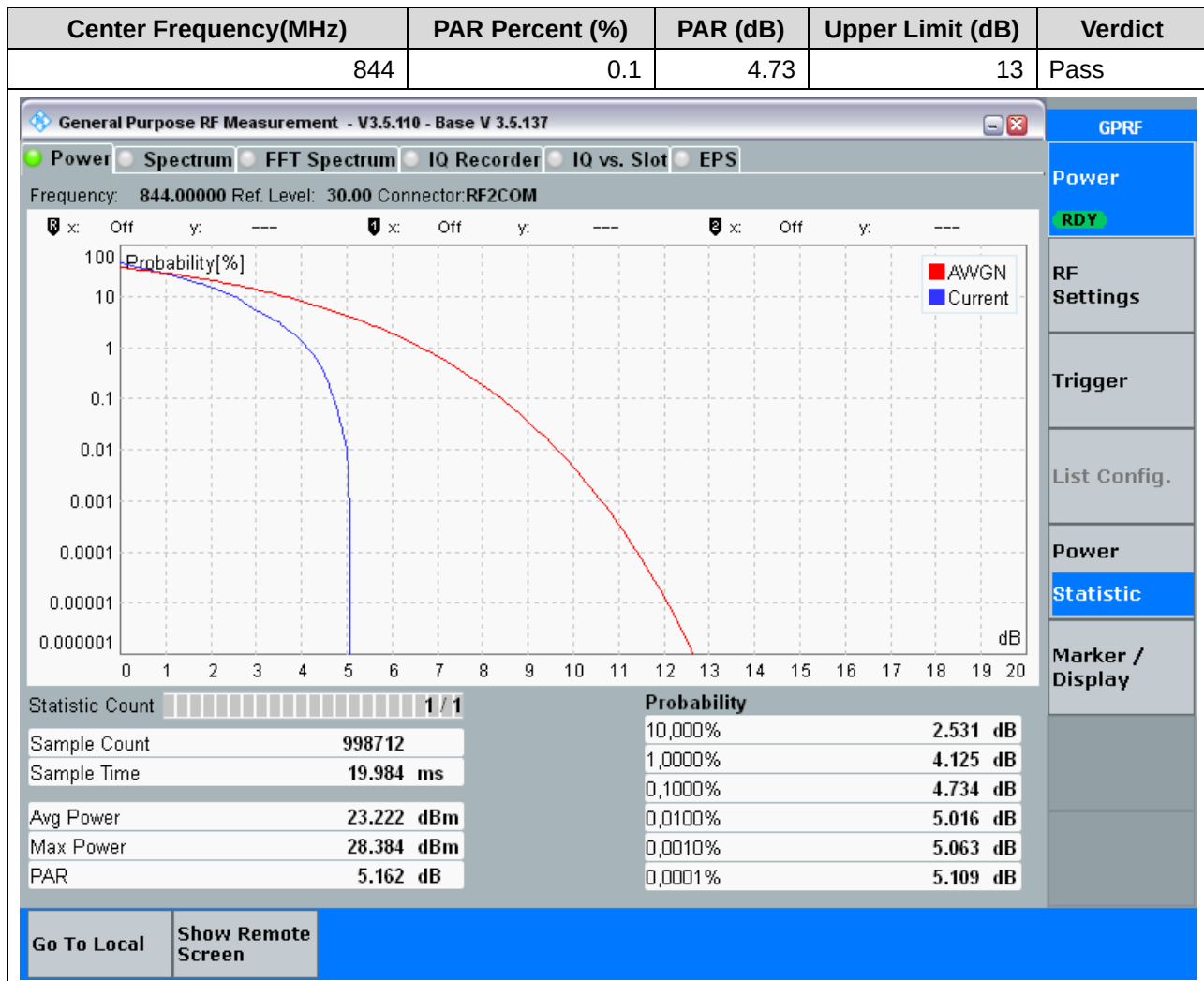
## 6.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



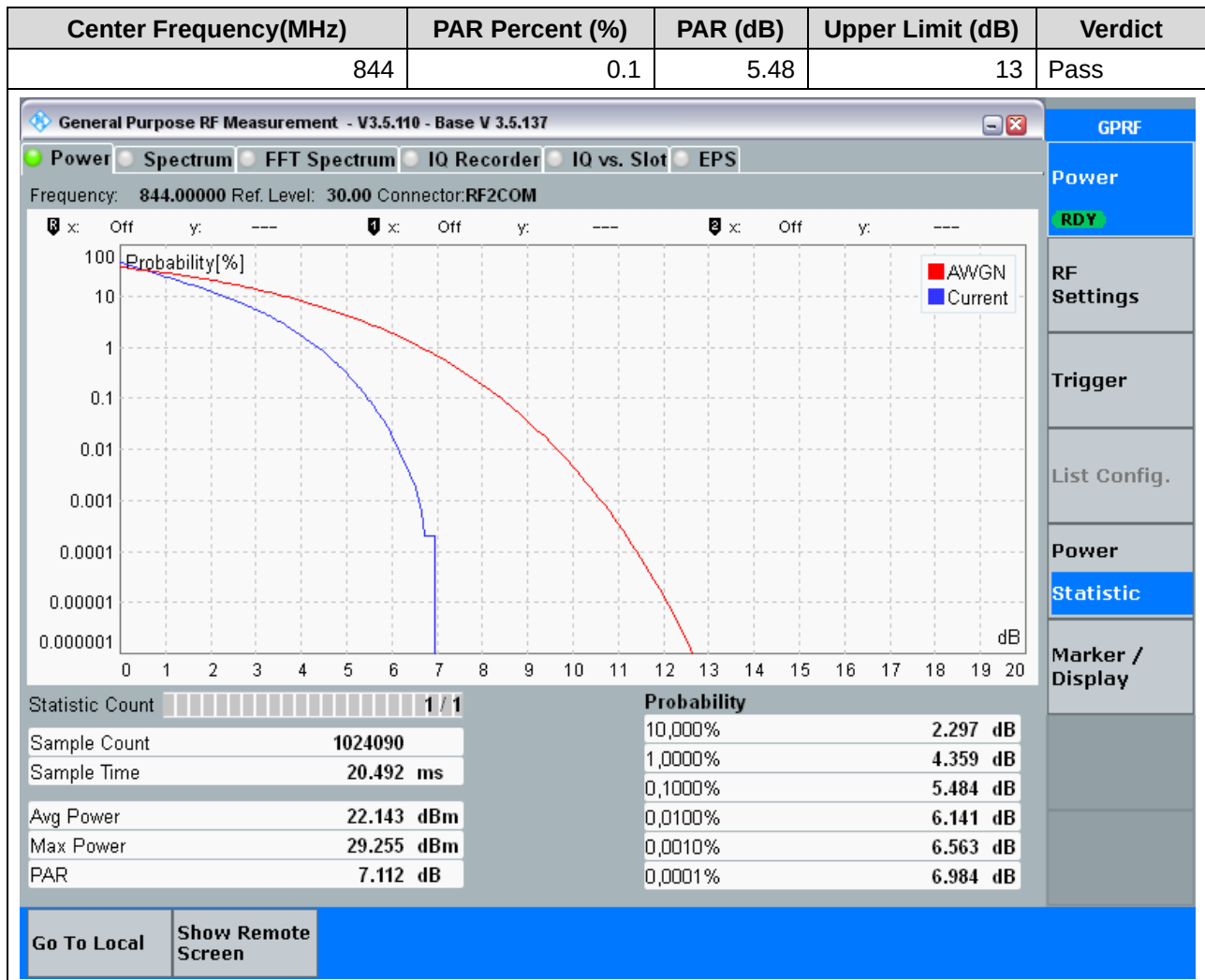
## 6.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



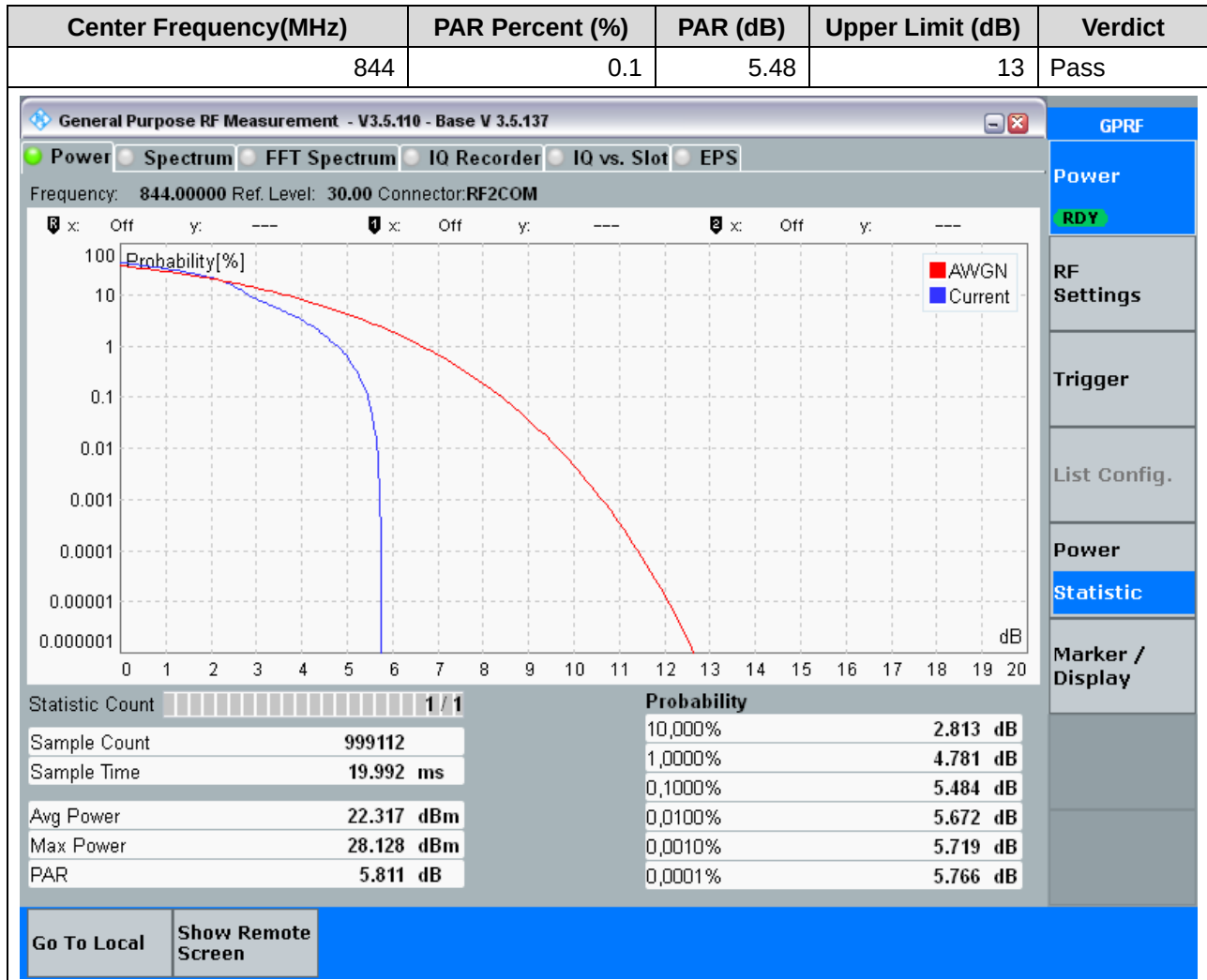
## 6.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



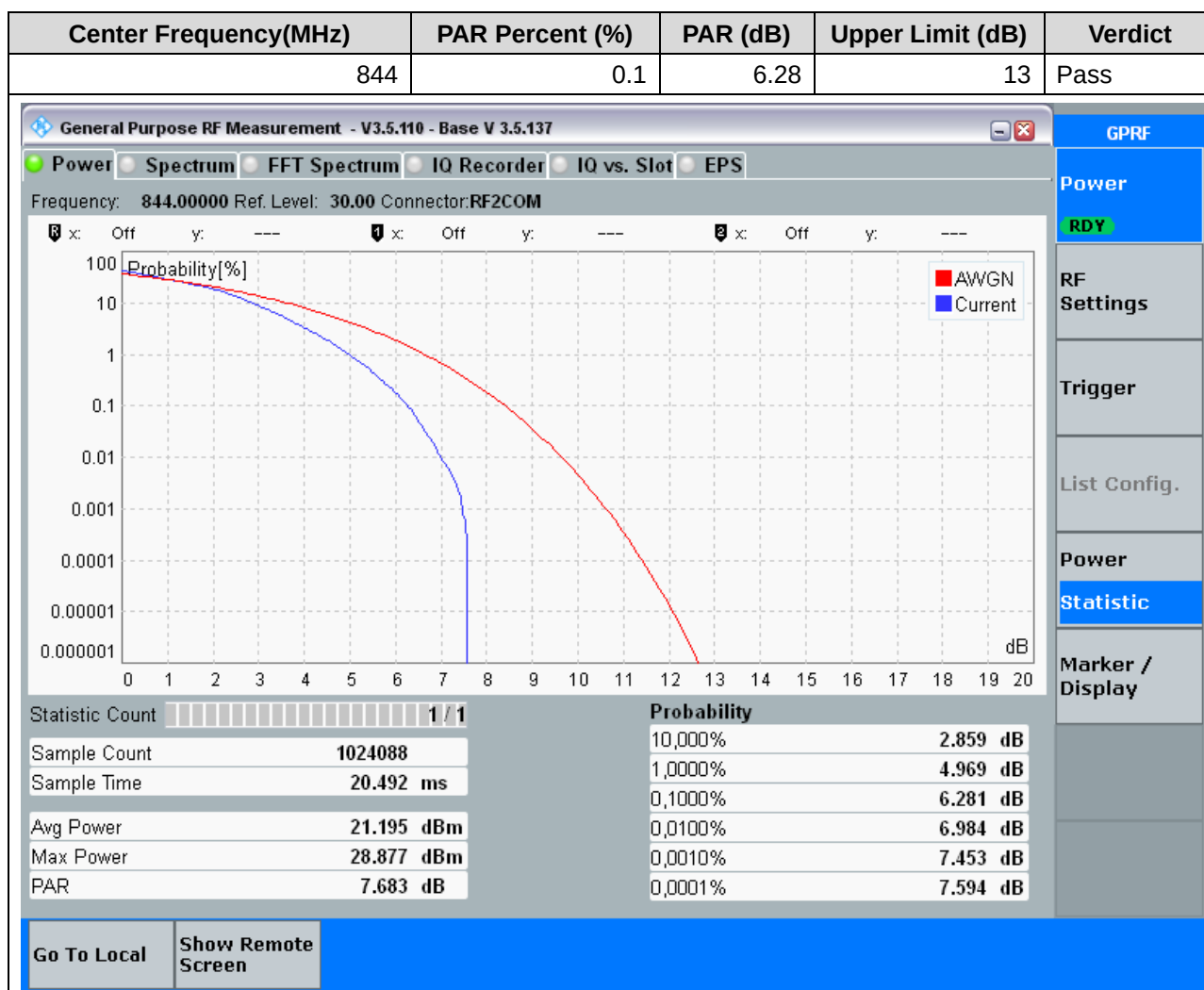
## 6.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



### 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)

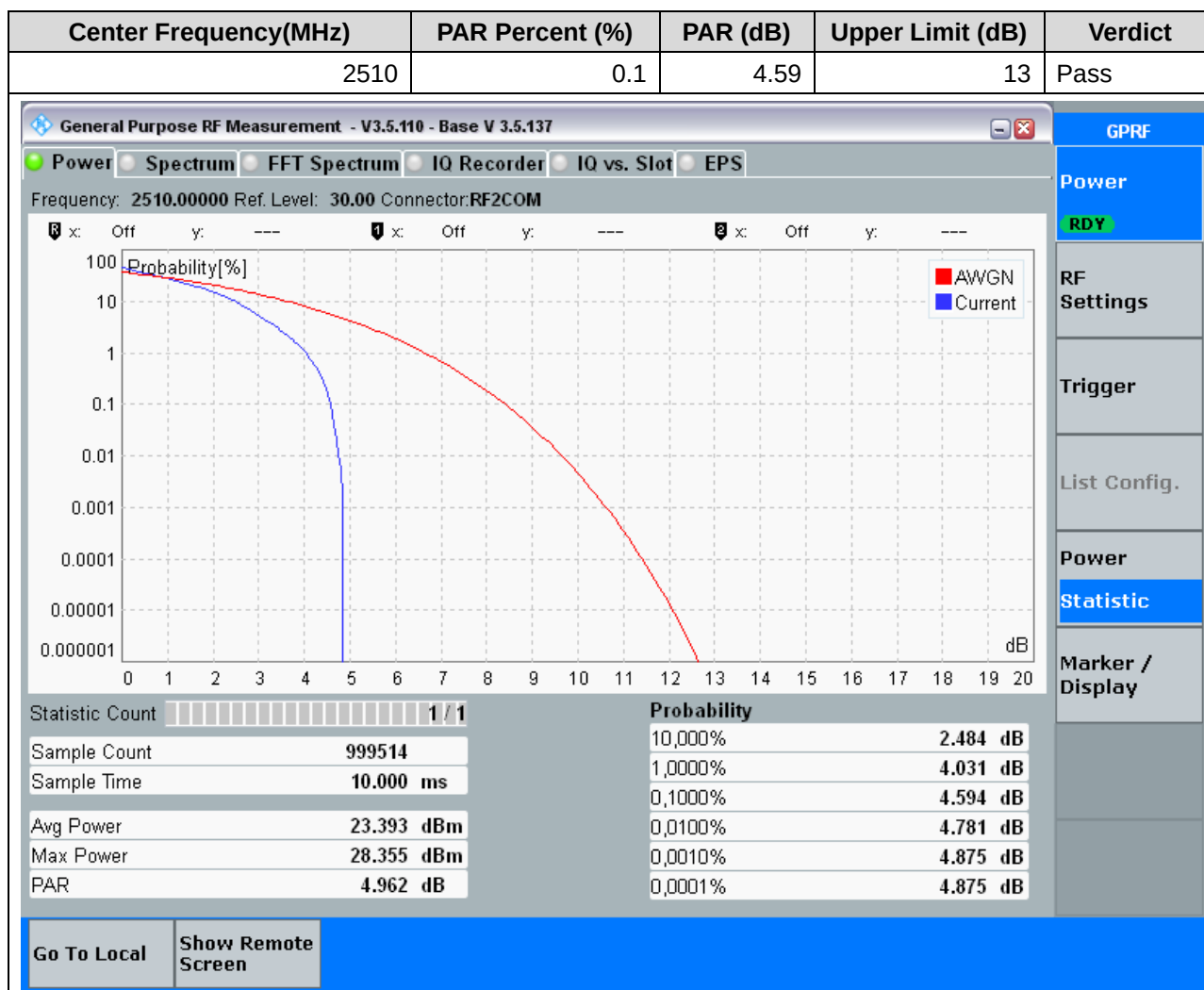


## 6.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

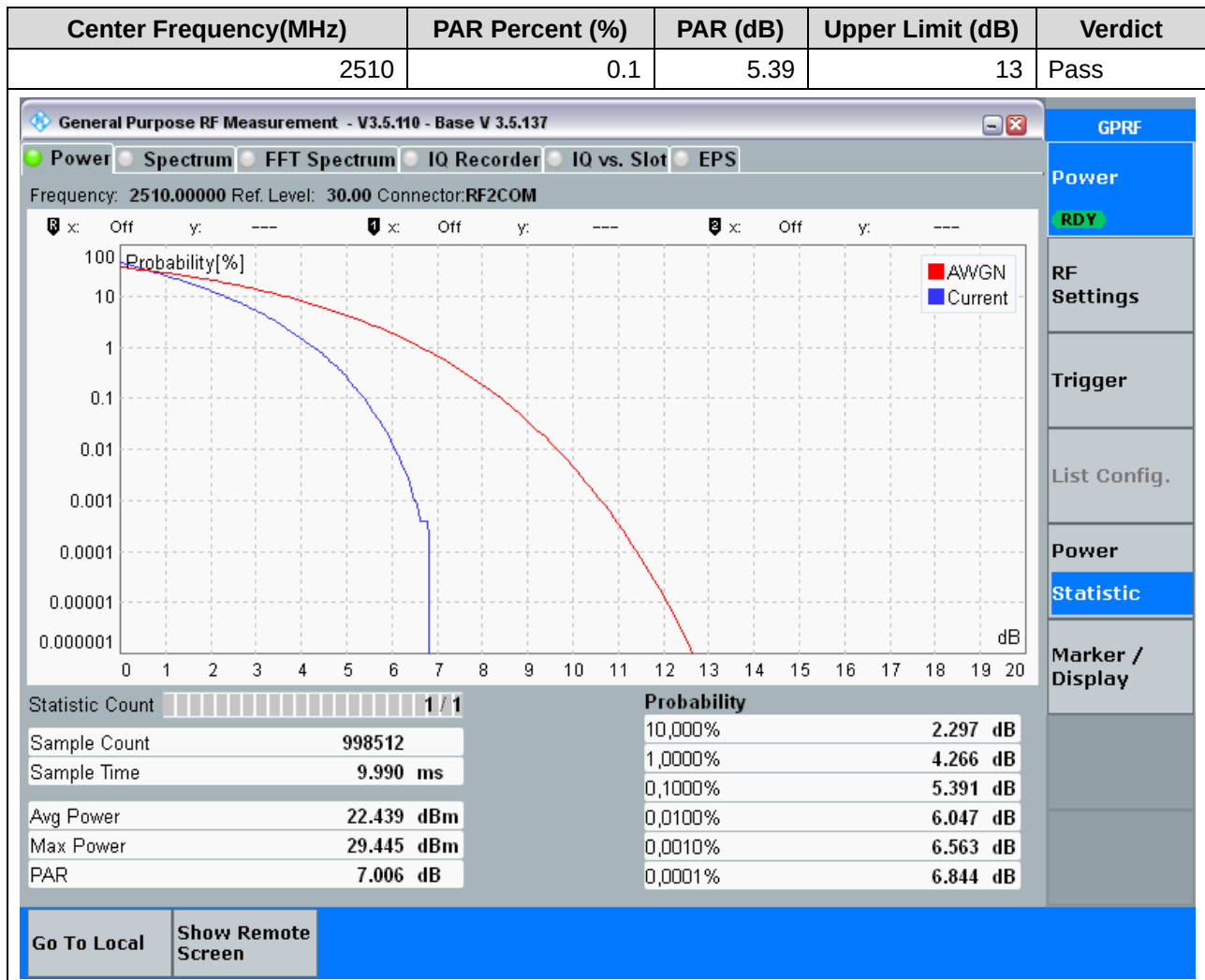


## 7. LTE\_Band7

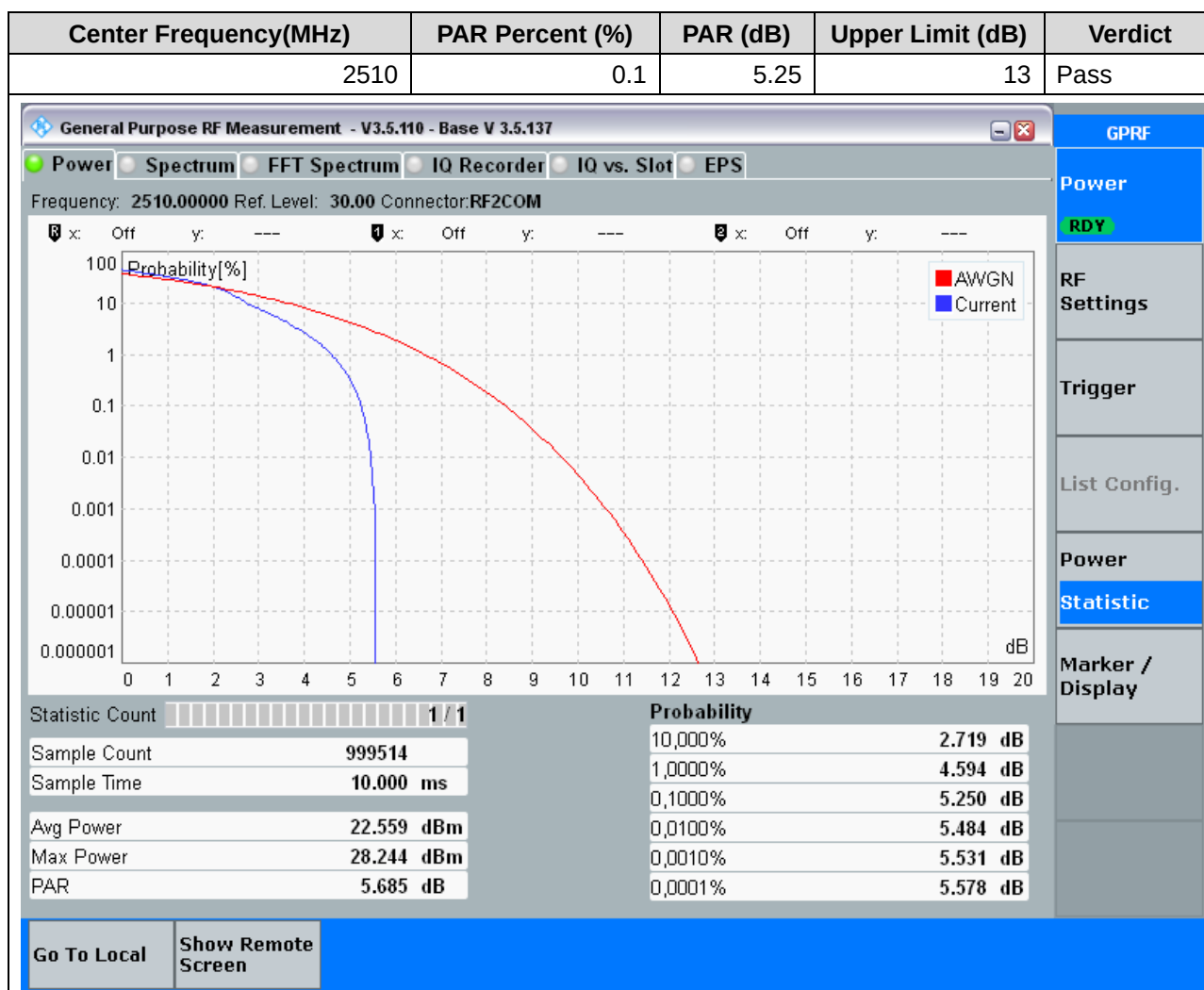
### 7.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



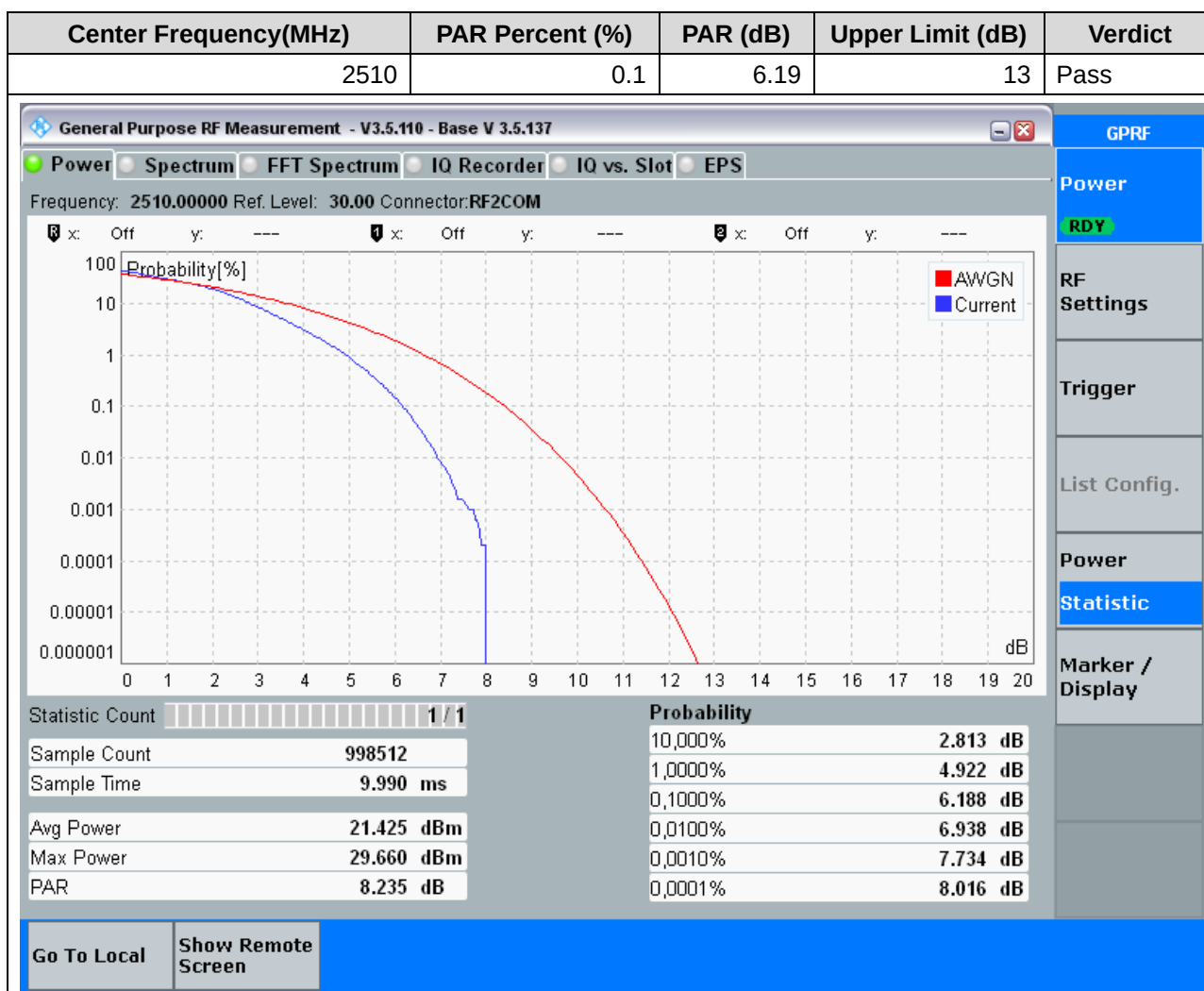
## 7.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



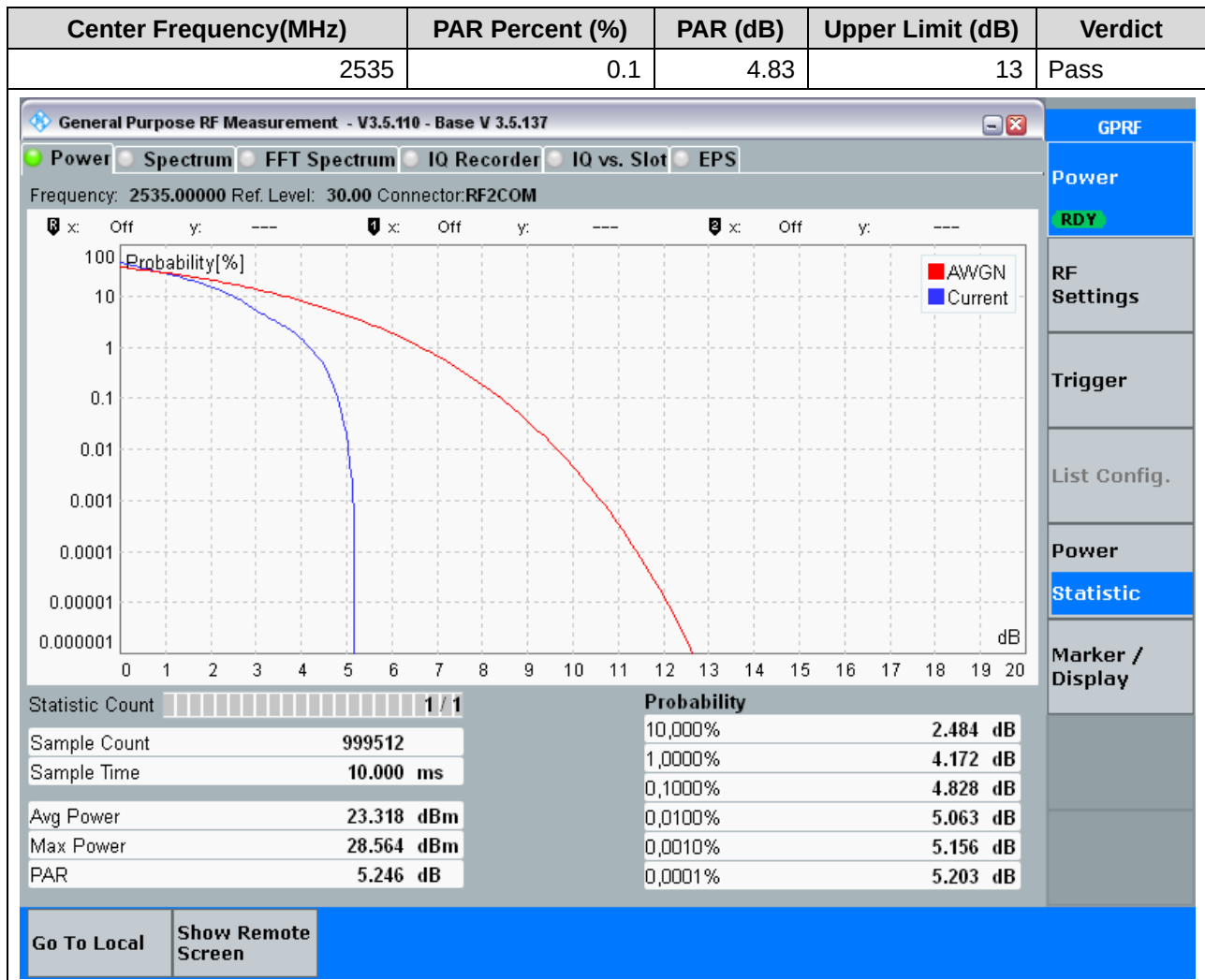
### 7.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



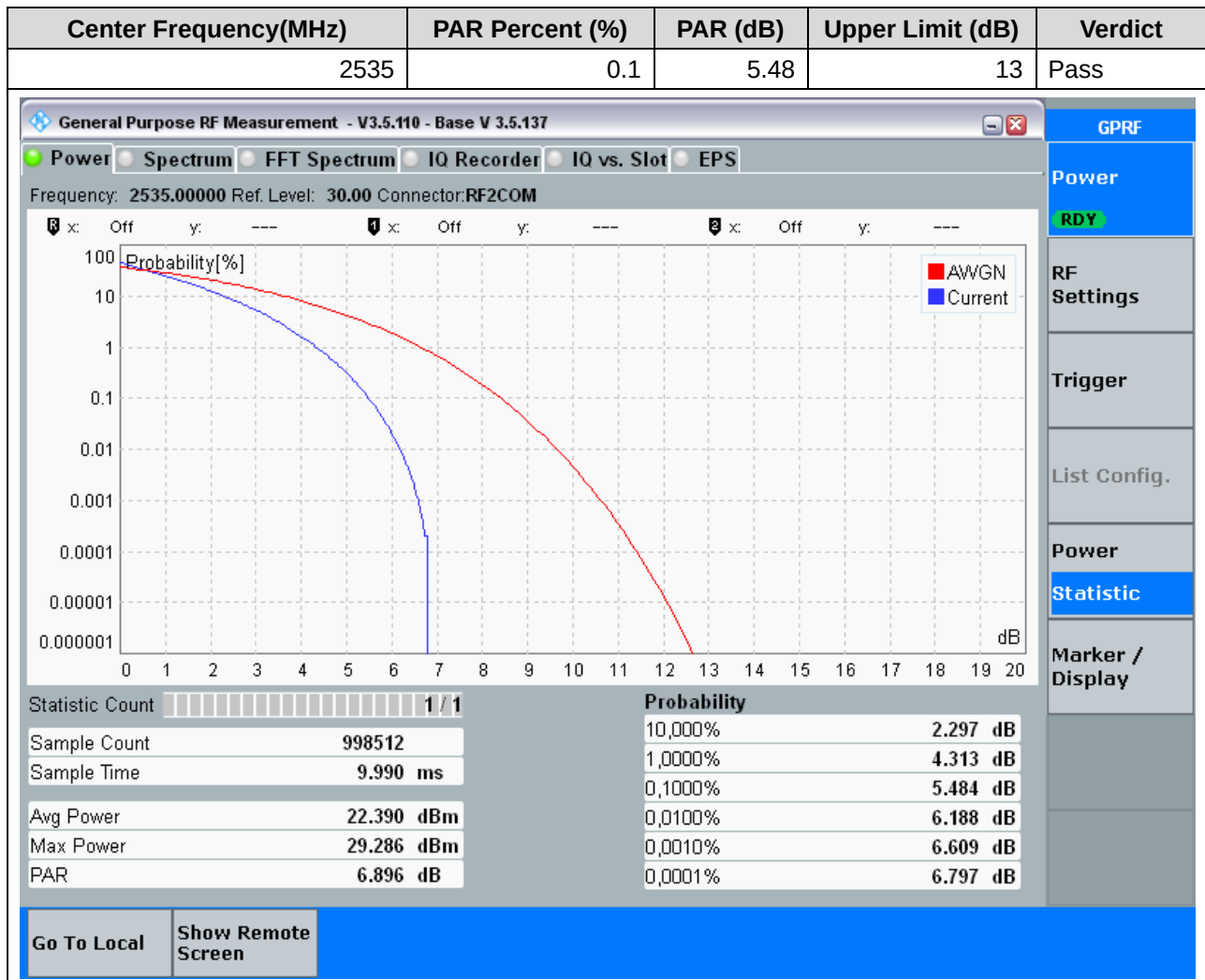
#### 7.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



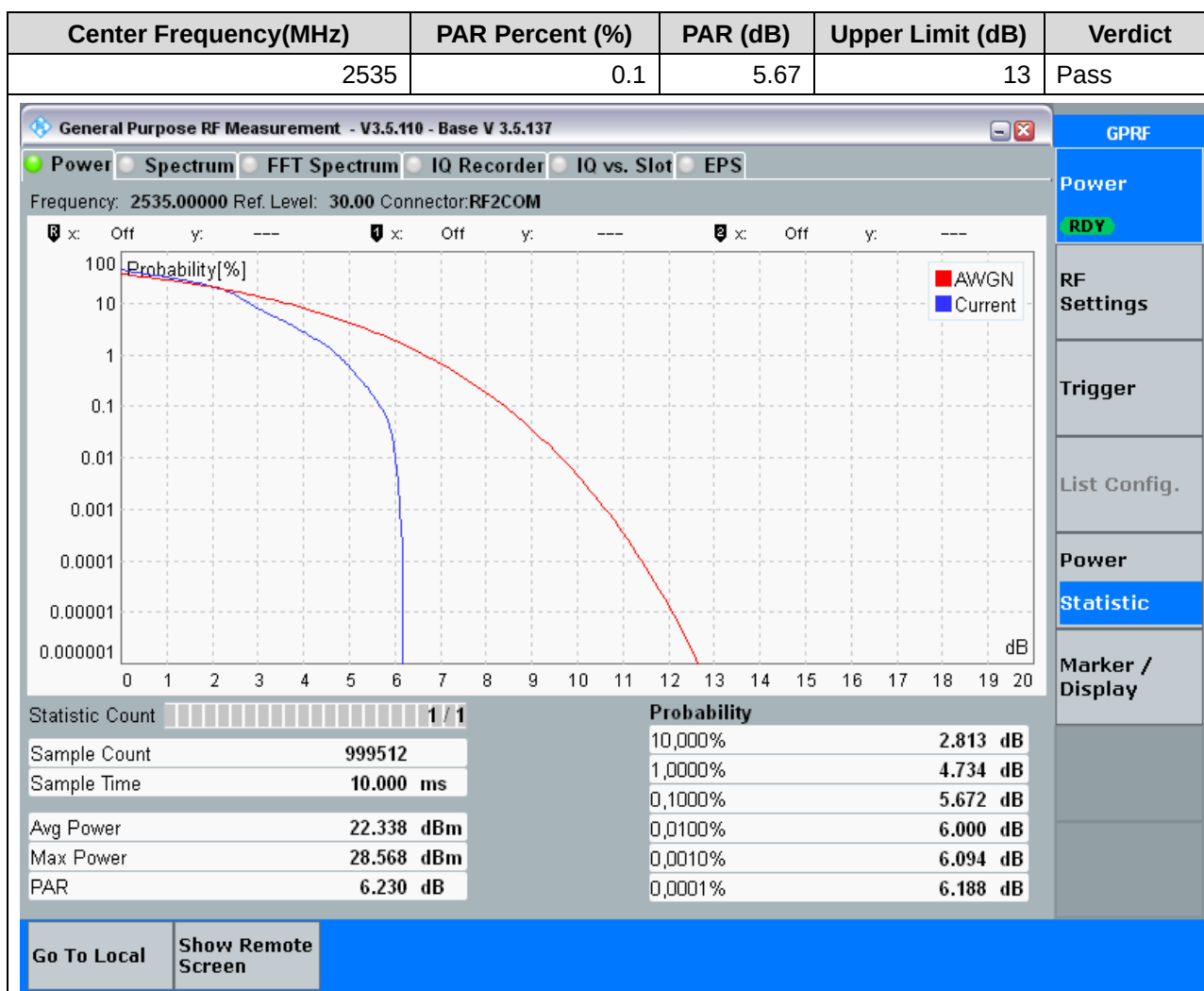
## 7.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



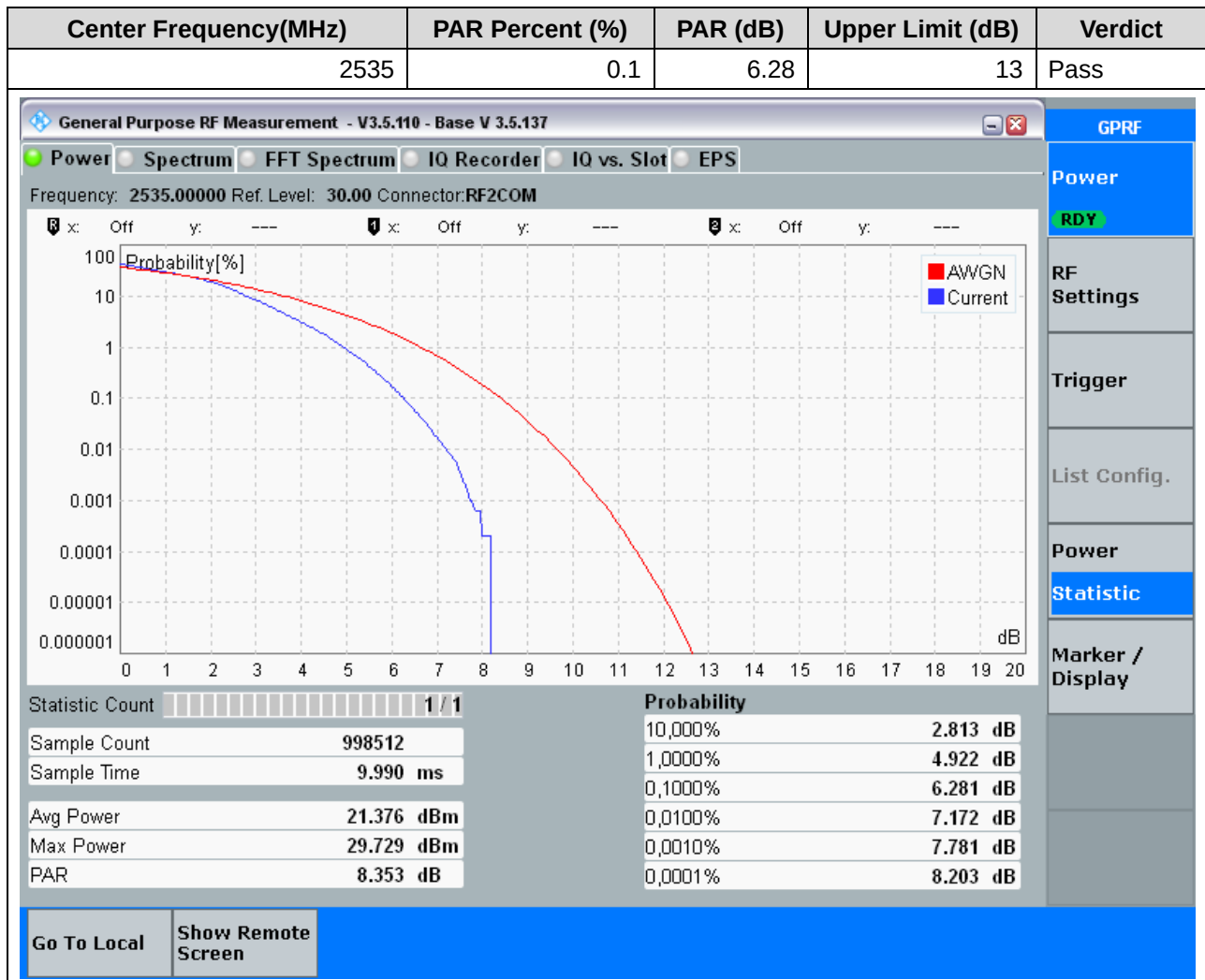
## 7.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



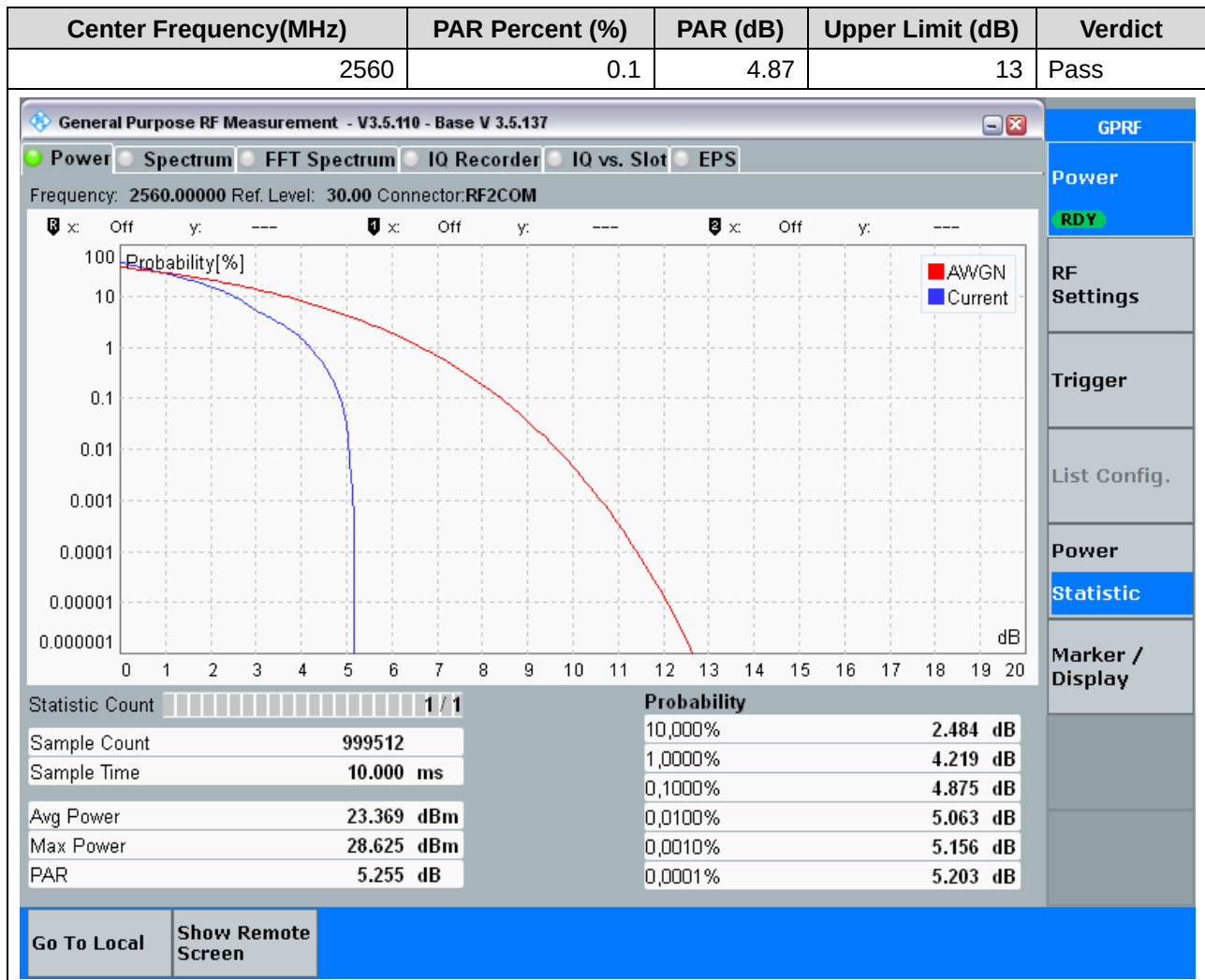
## 7.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



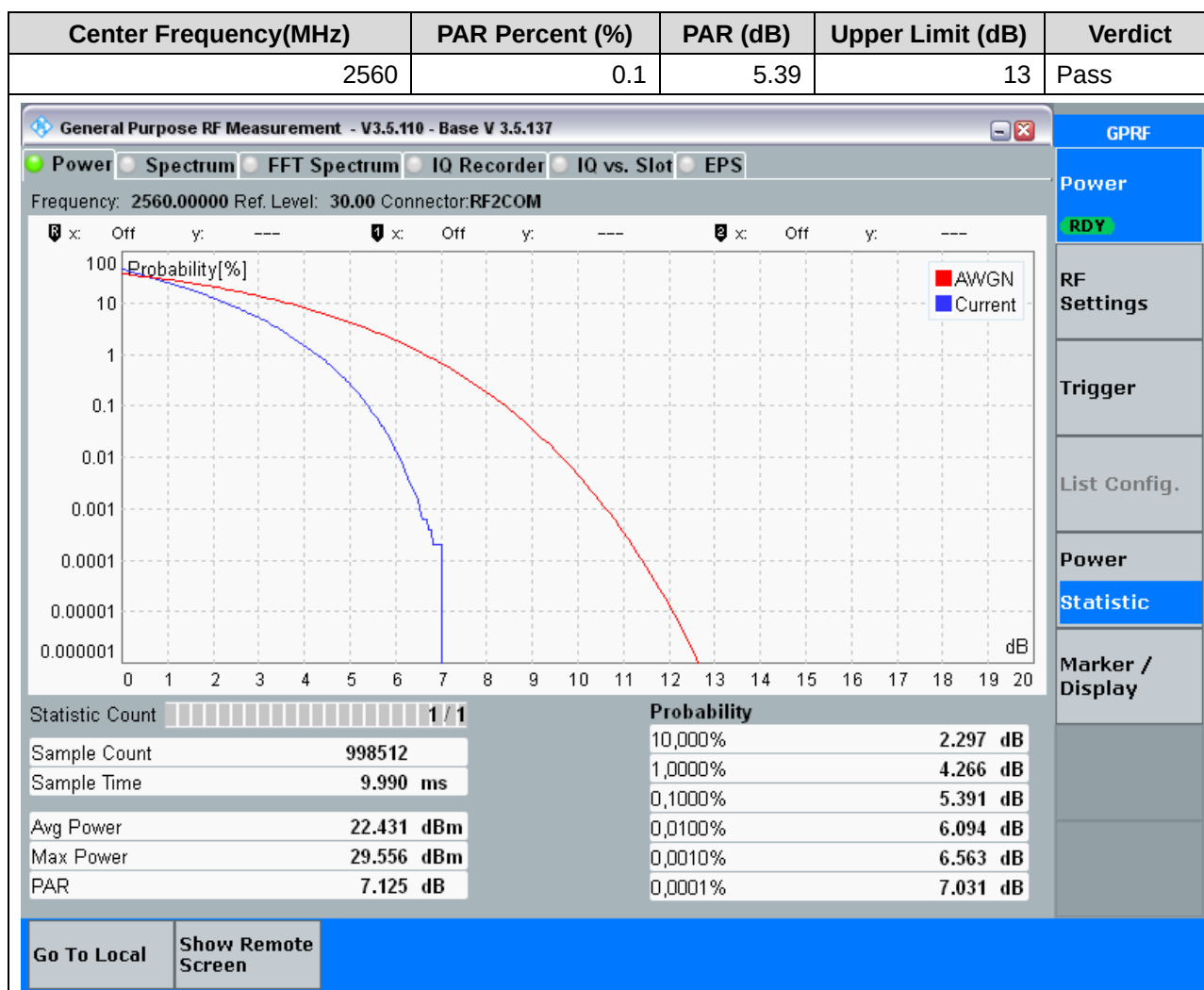
## 7.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



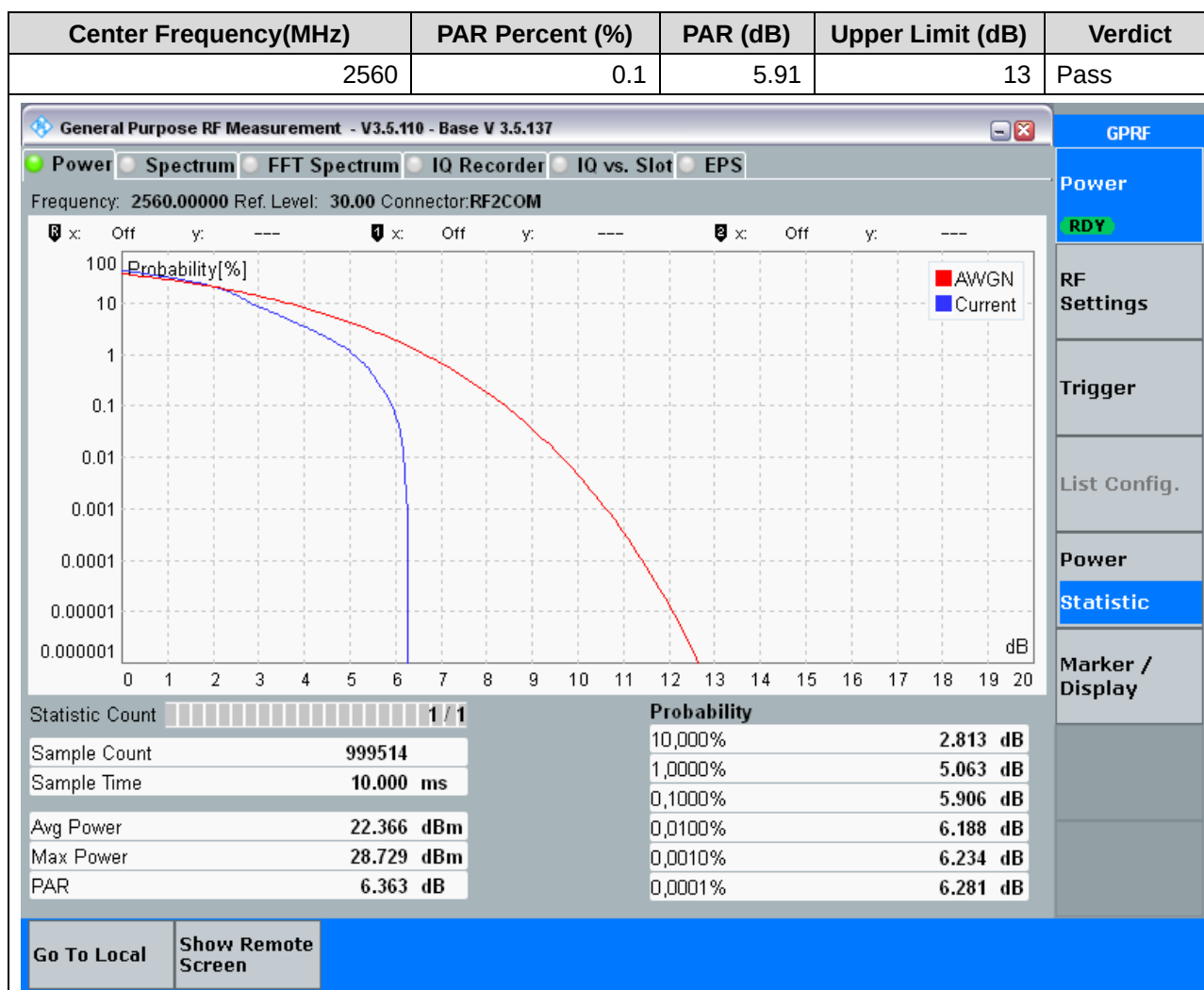
## 7.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



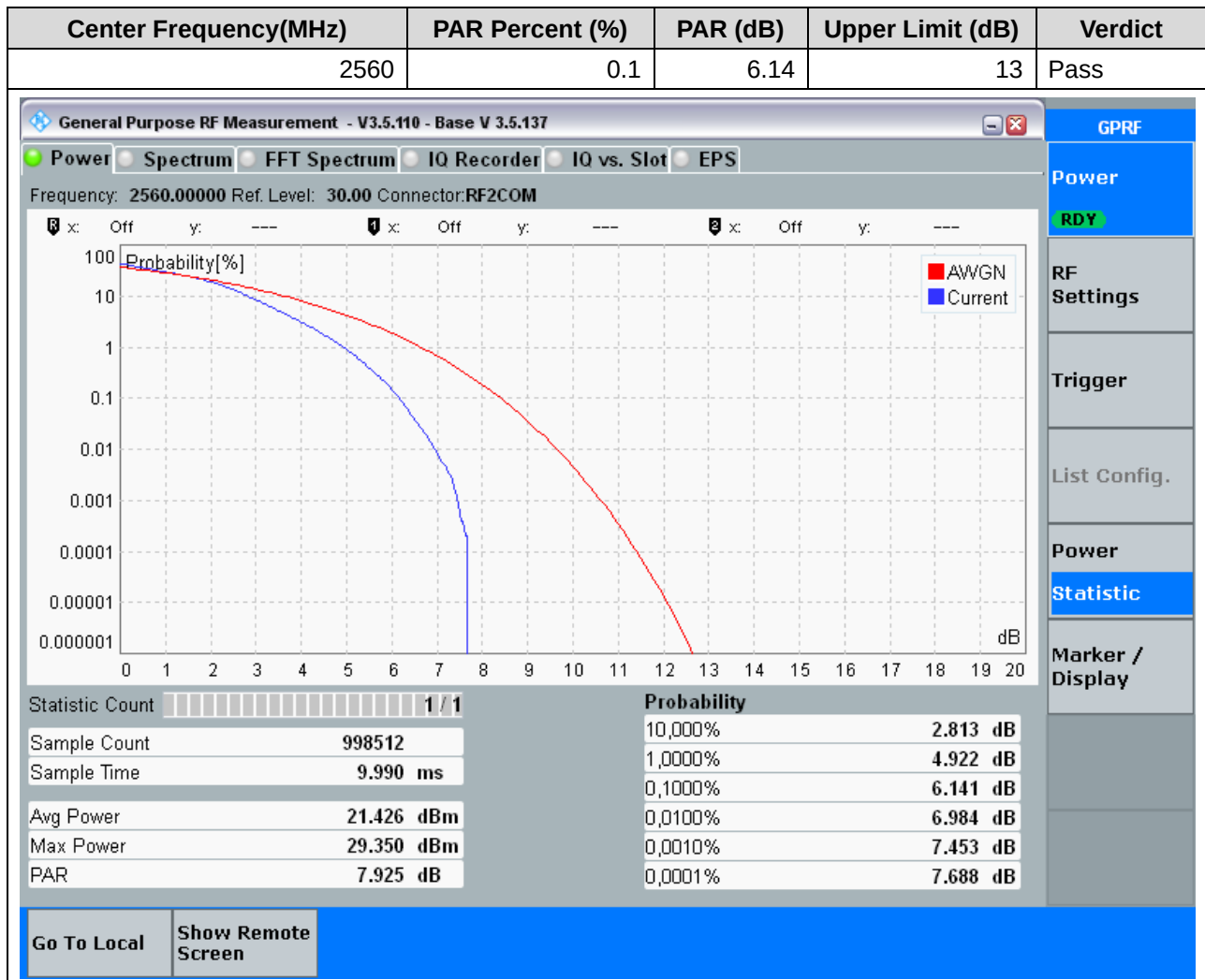
## 7.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



### 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)

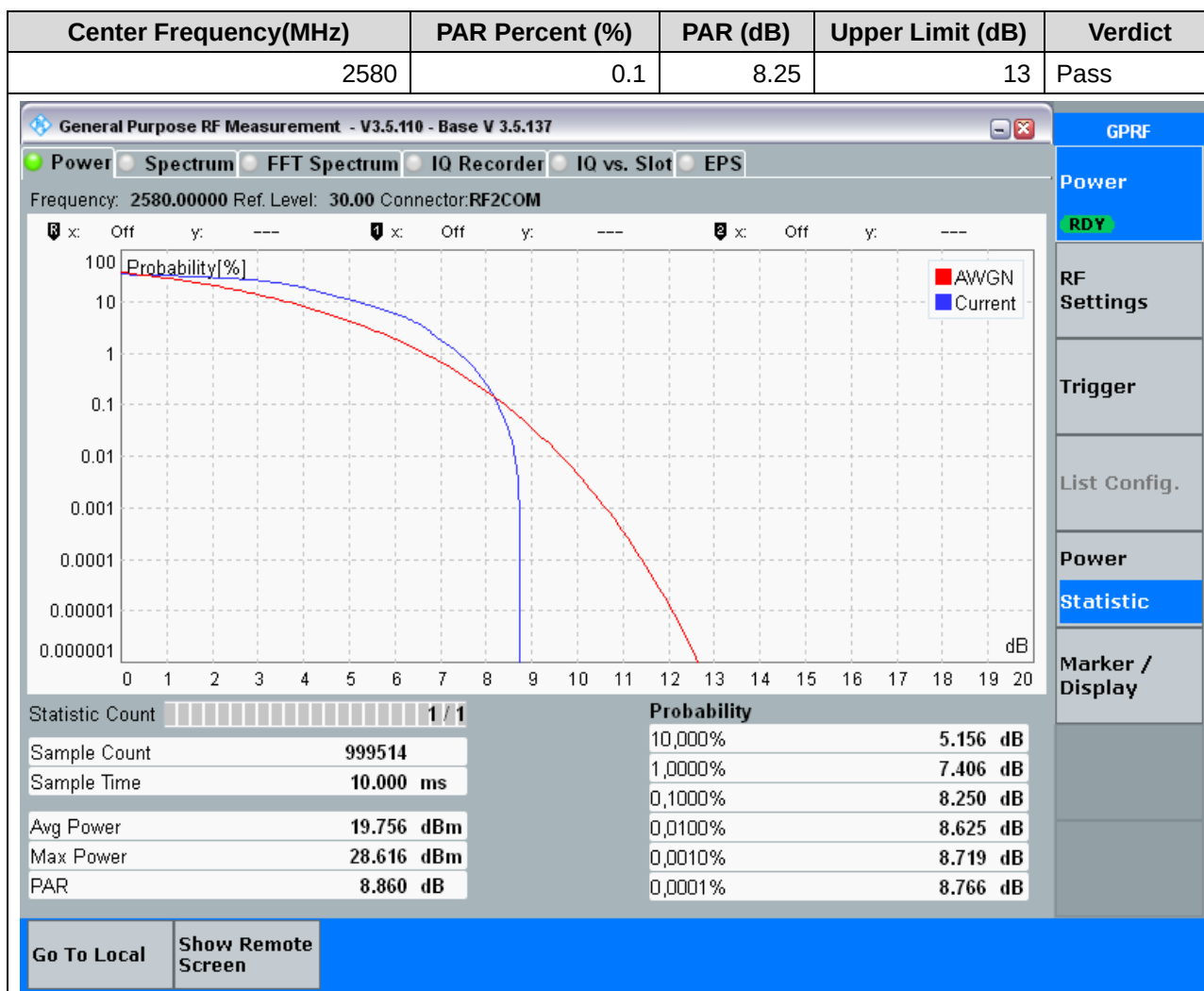


## 7.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

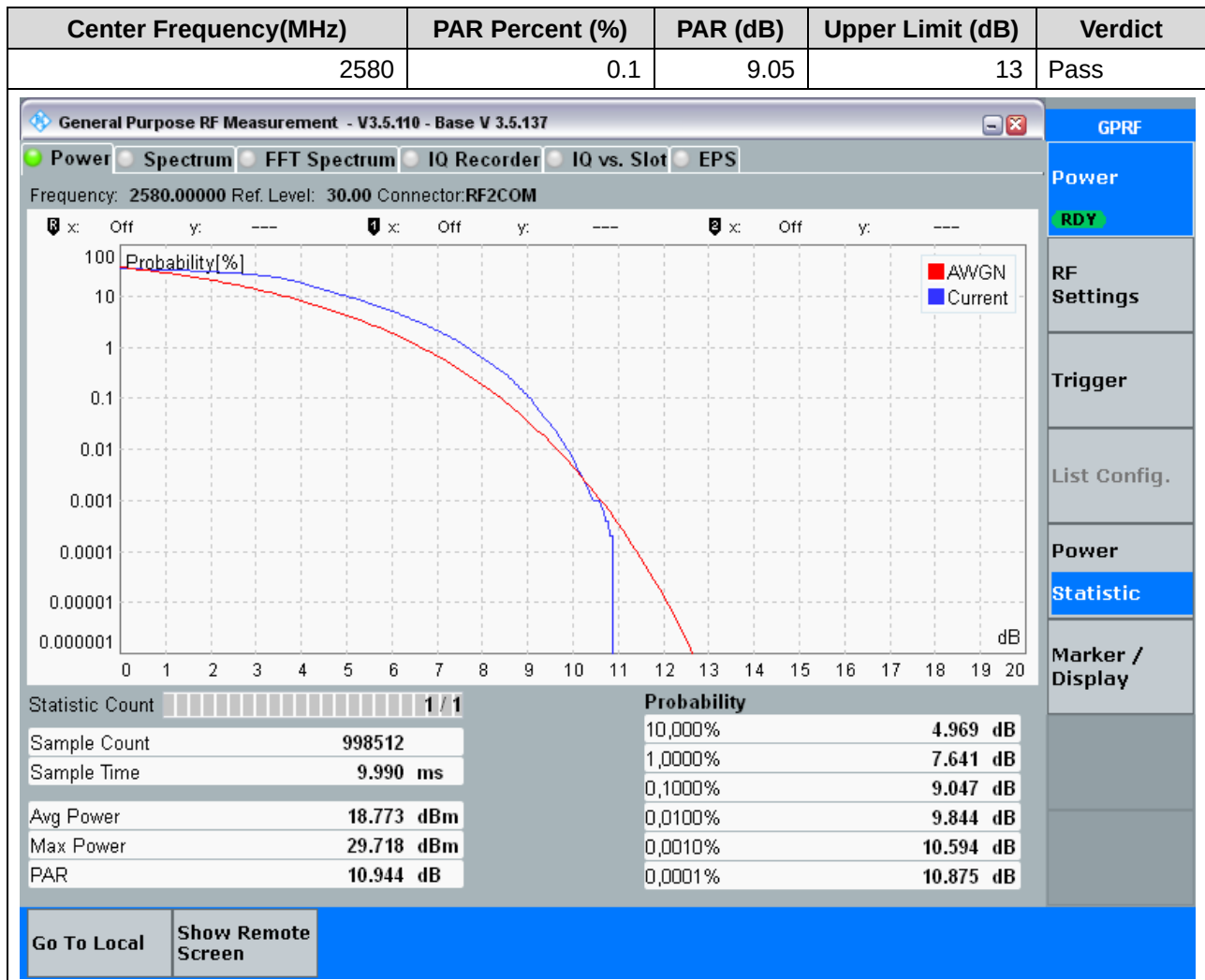


## 8. LTE\_Band38

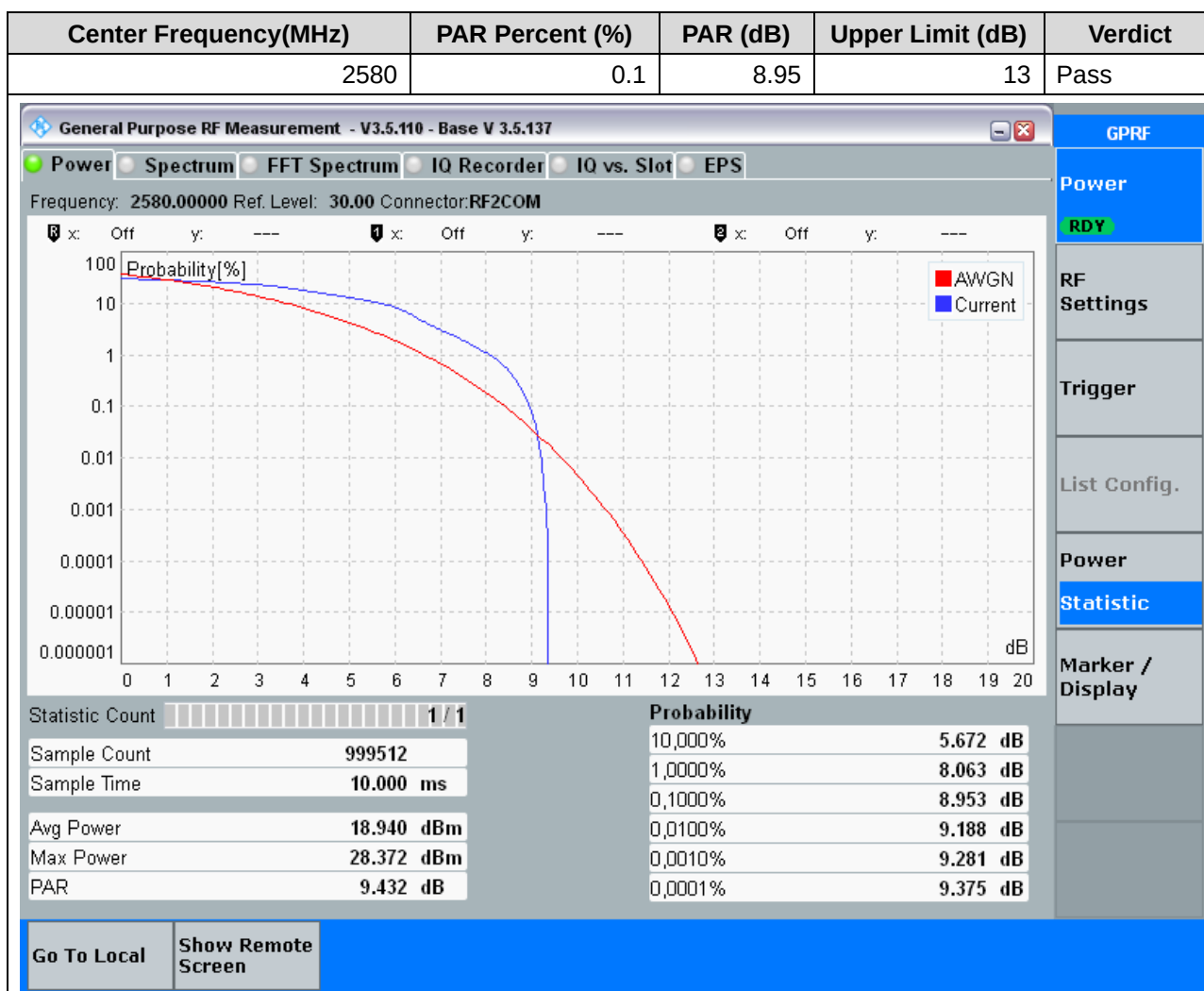
### 8.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



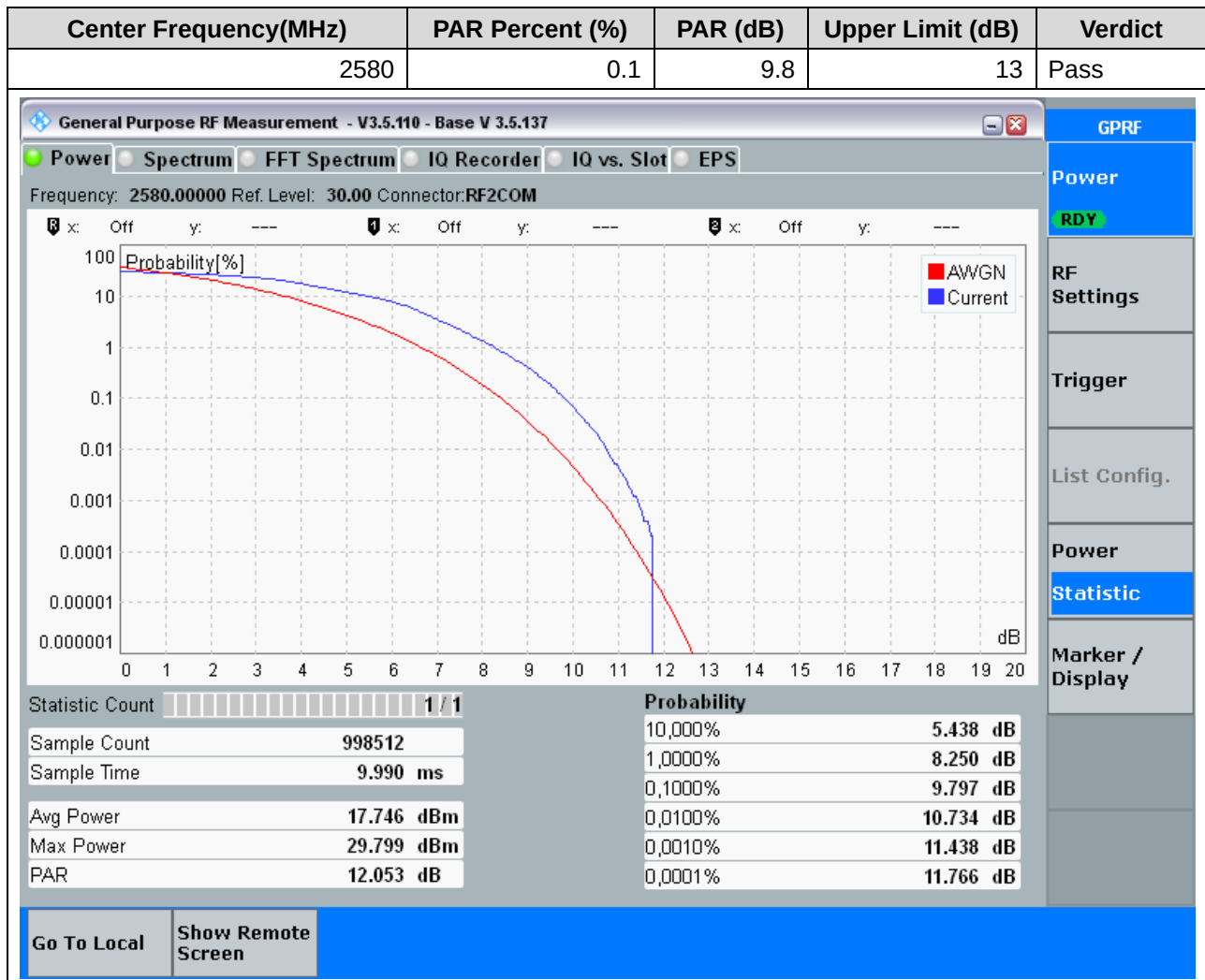
## 8.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



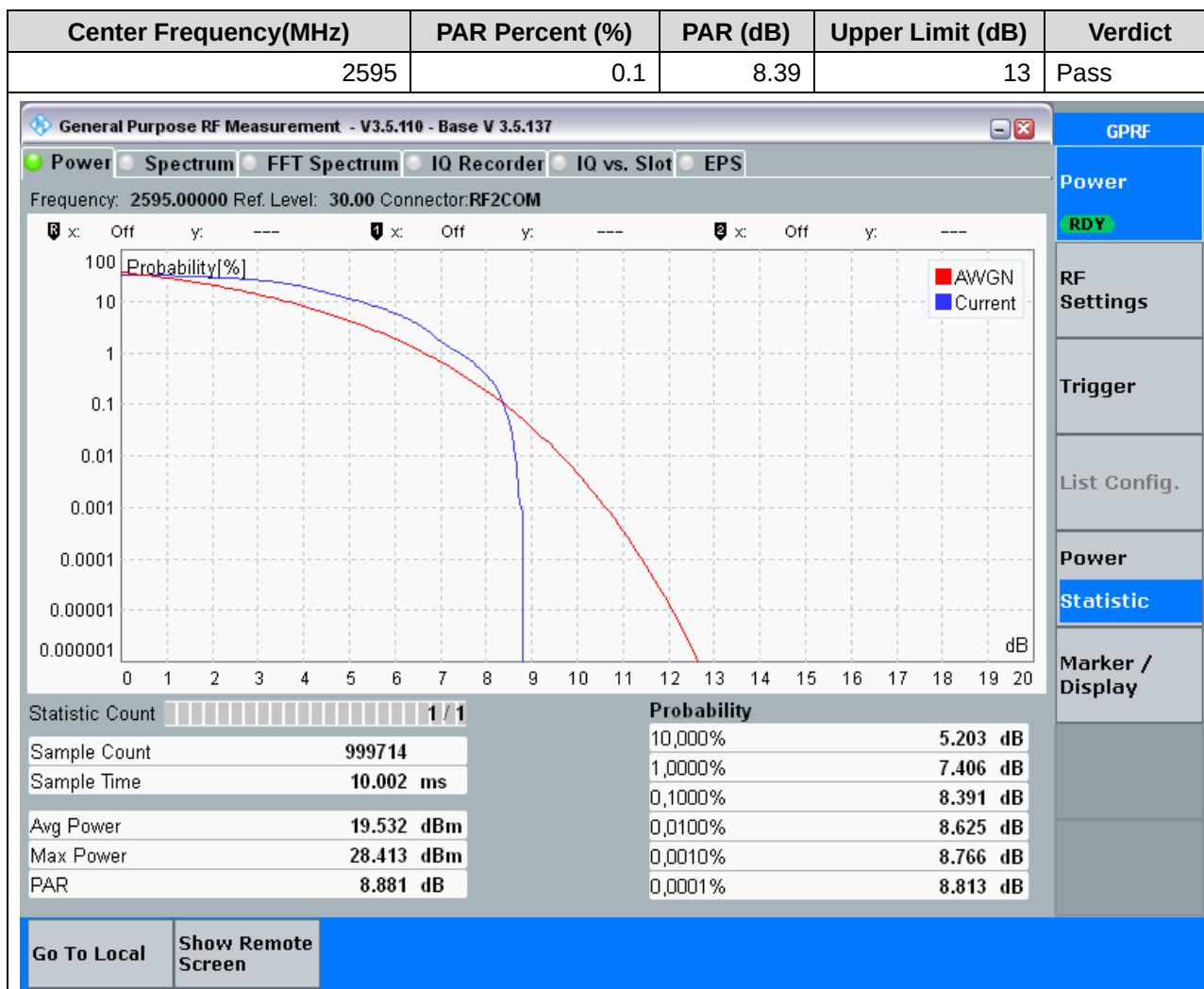
### 8.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



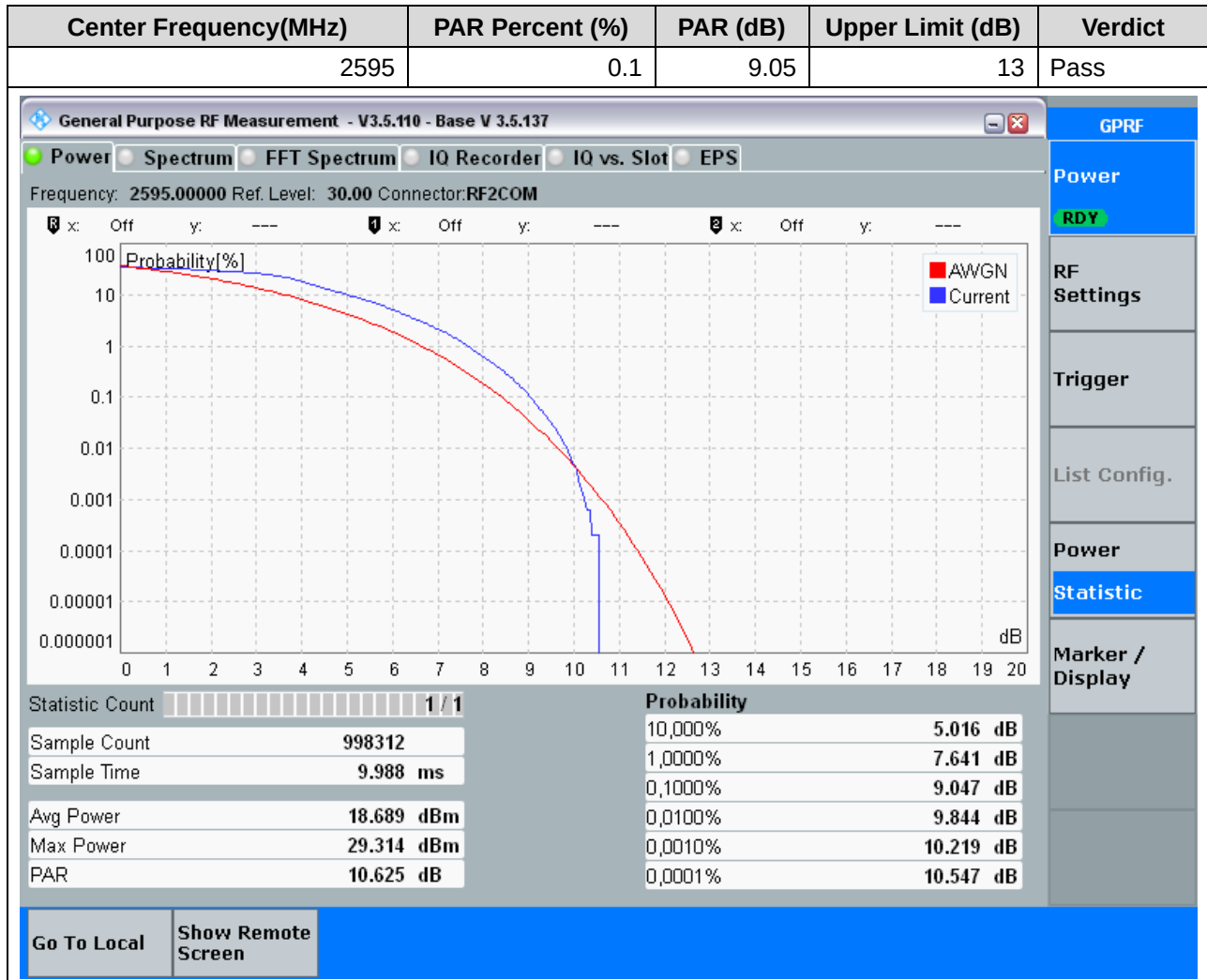
#### 8.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



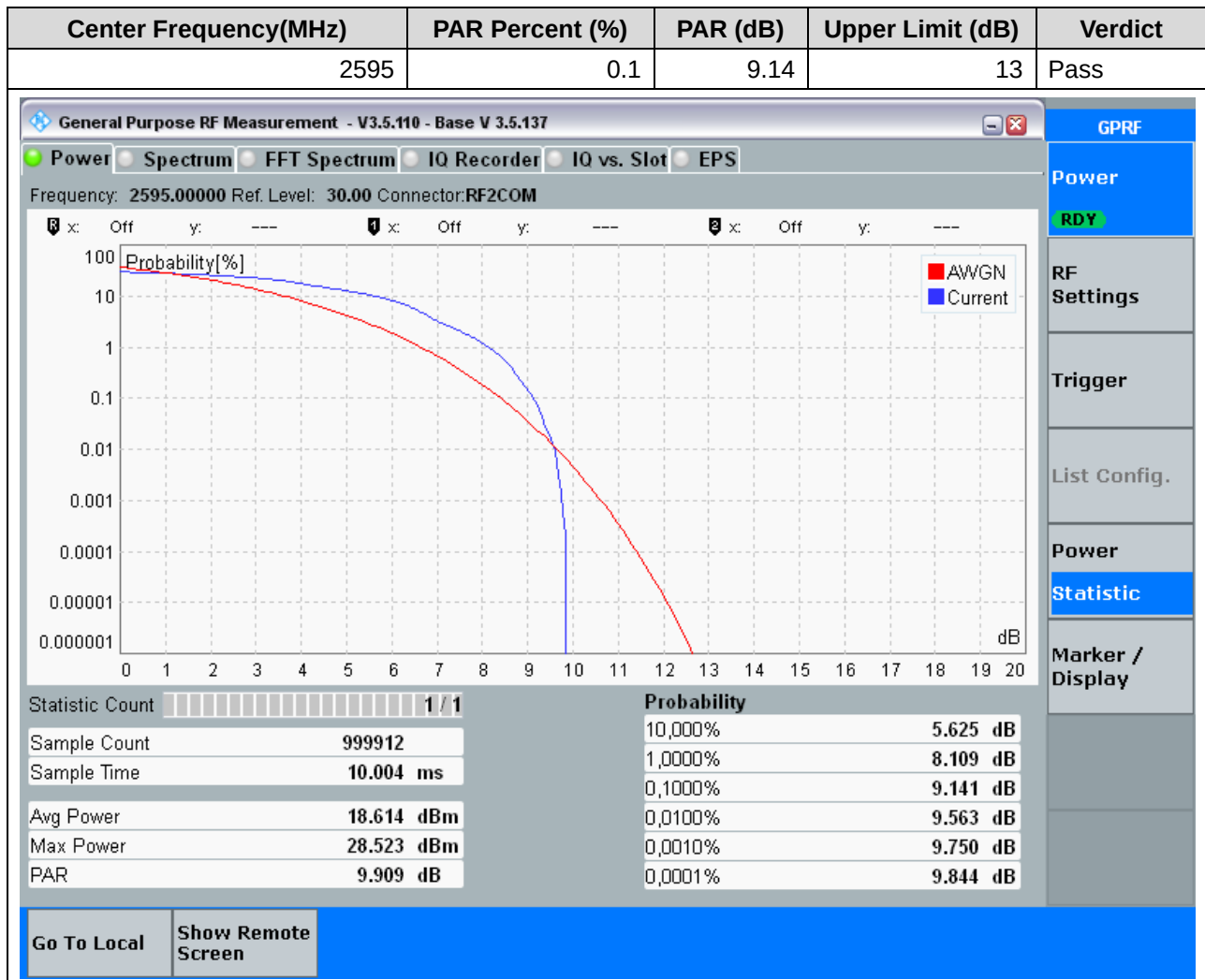
### 8.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



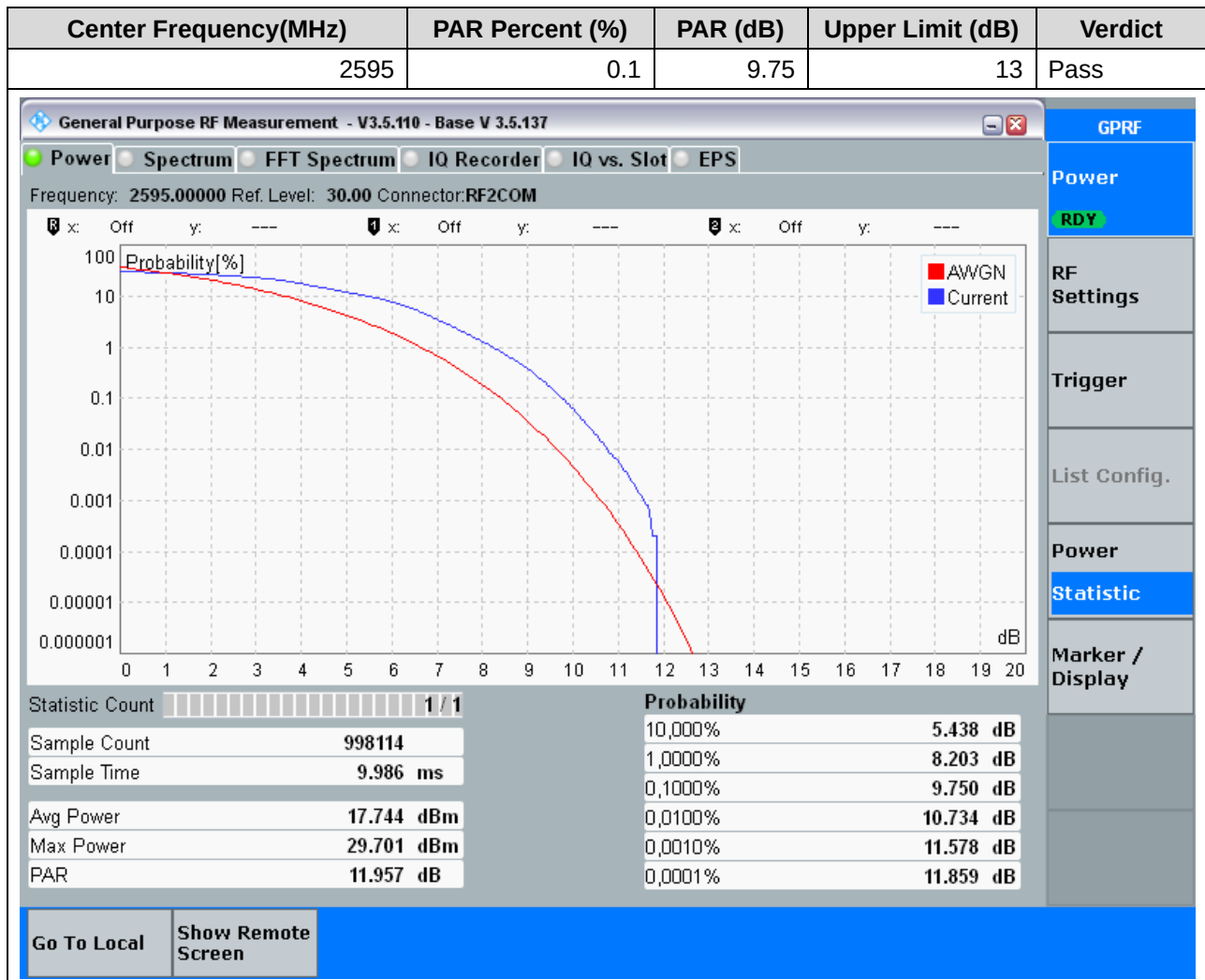
## 8.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



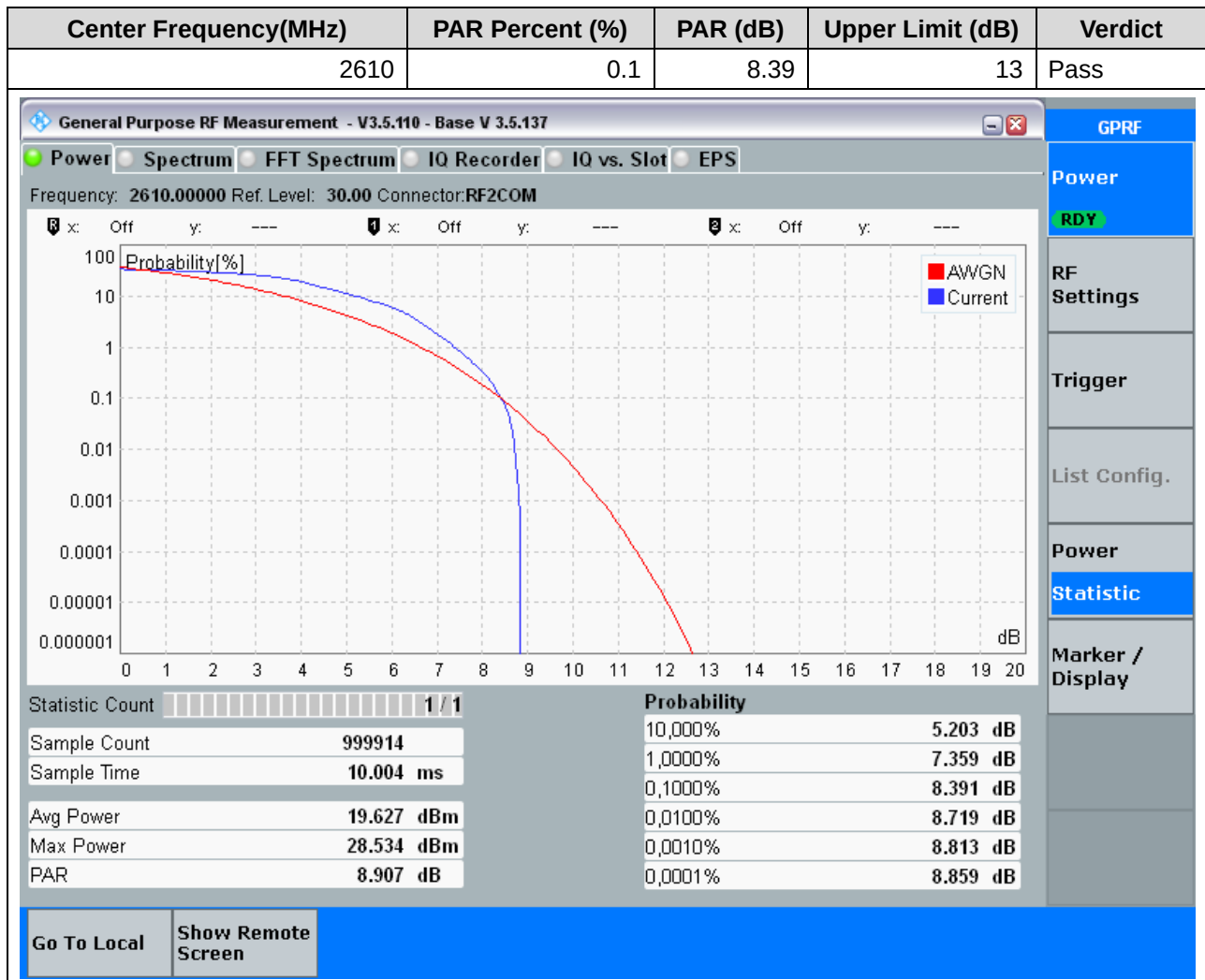
### 8.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



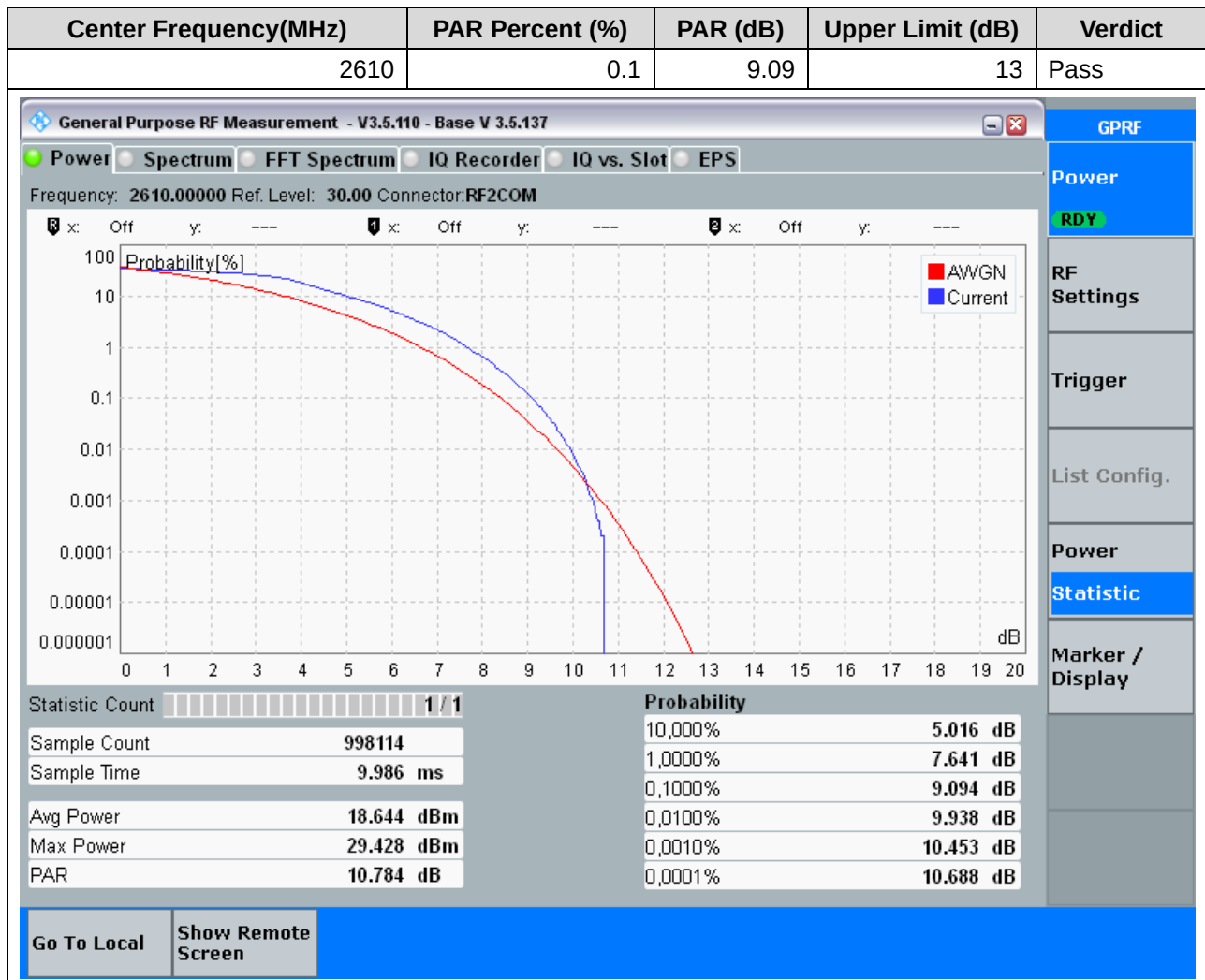
### 8.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



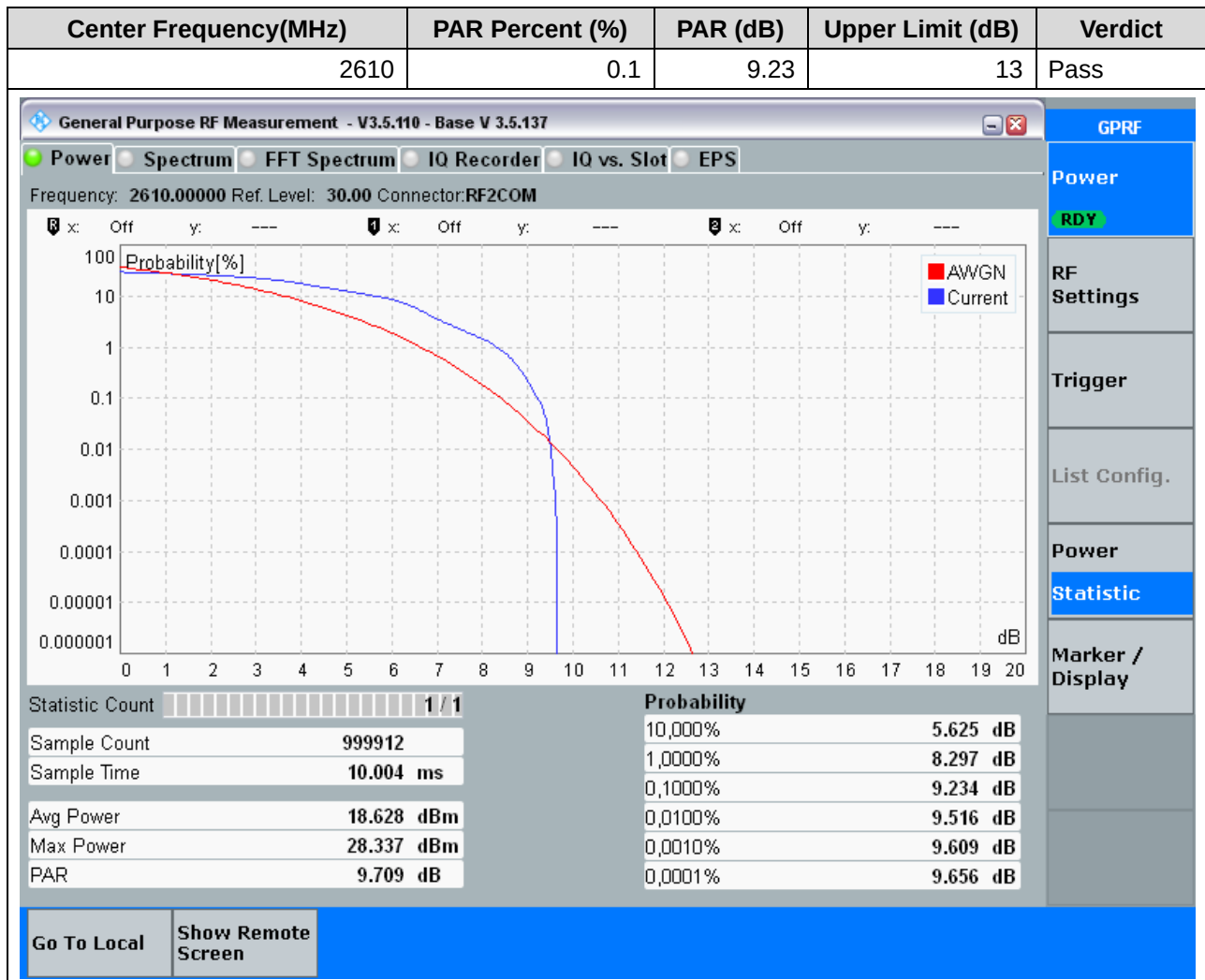
### 8.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



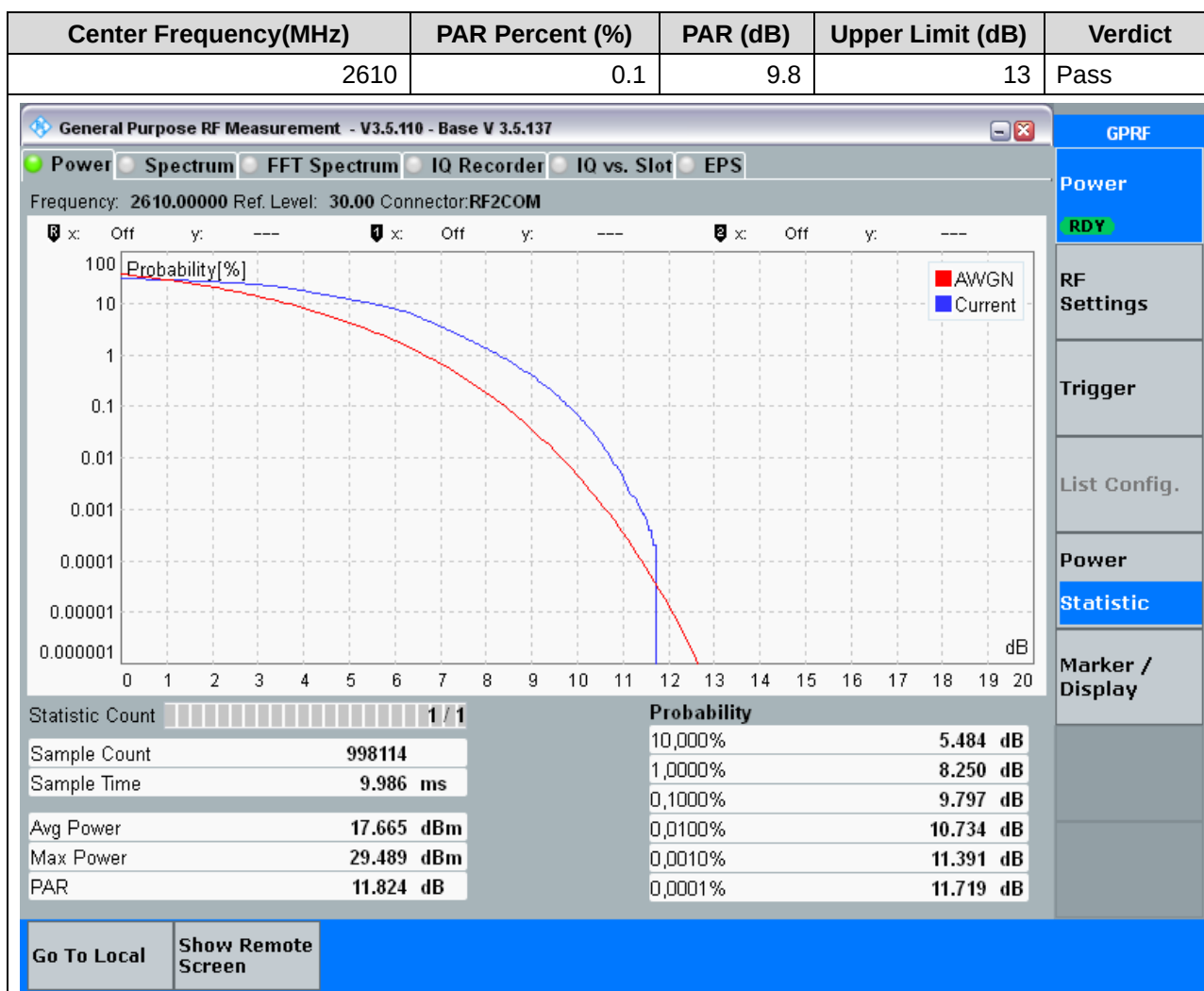
### 8.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



### 8.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

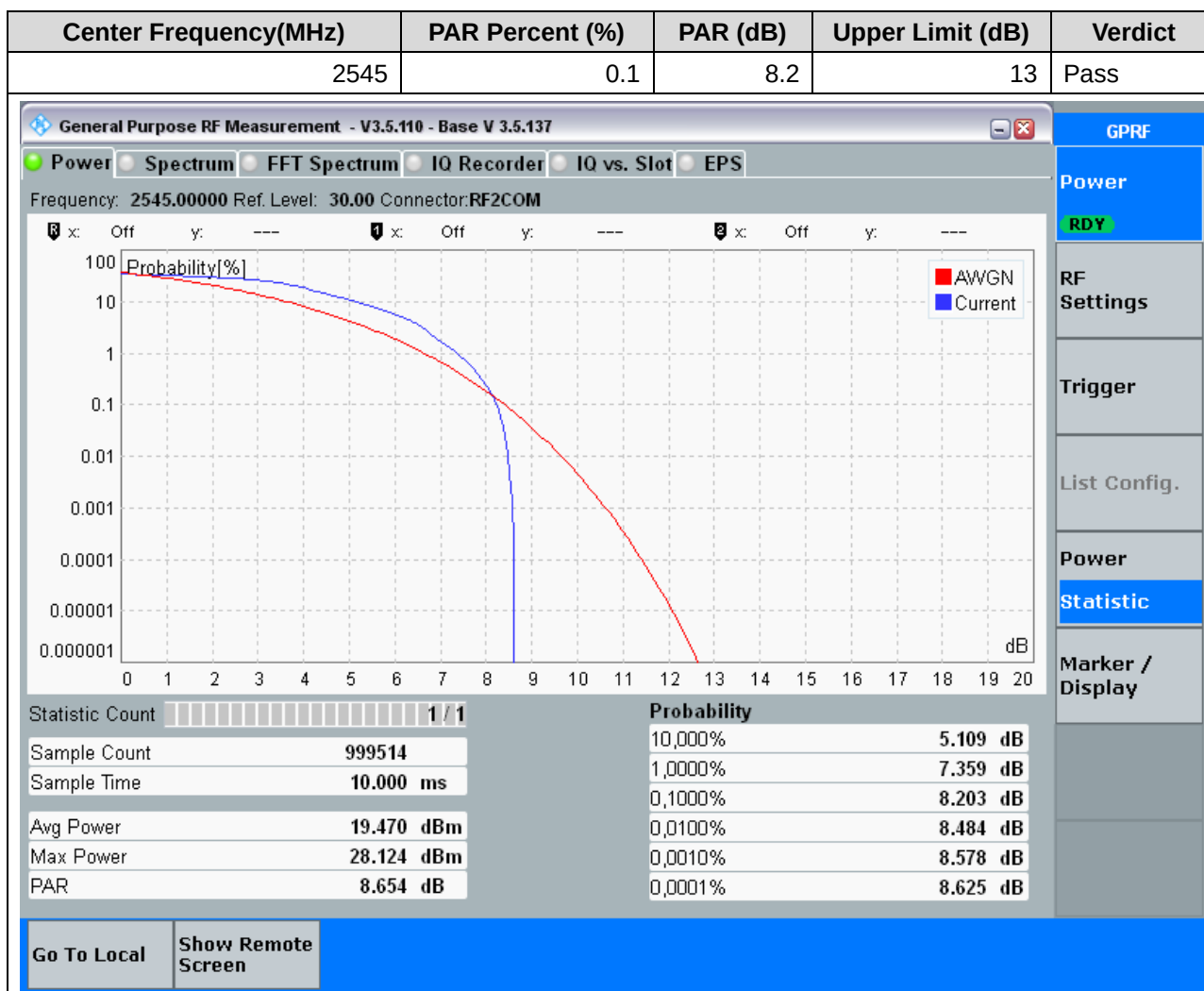


## 8.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

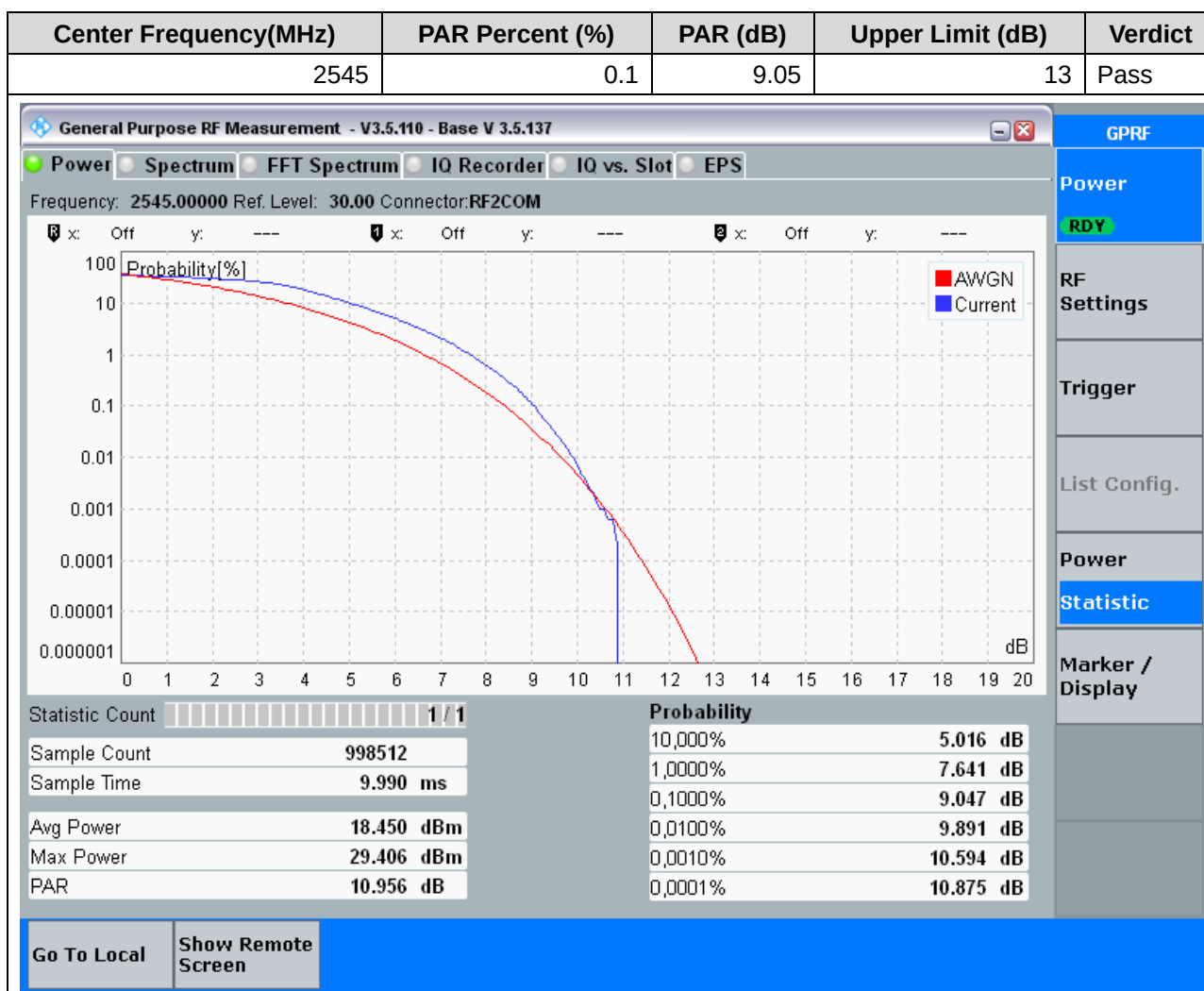


## 9. LTE\_Band41 120M

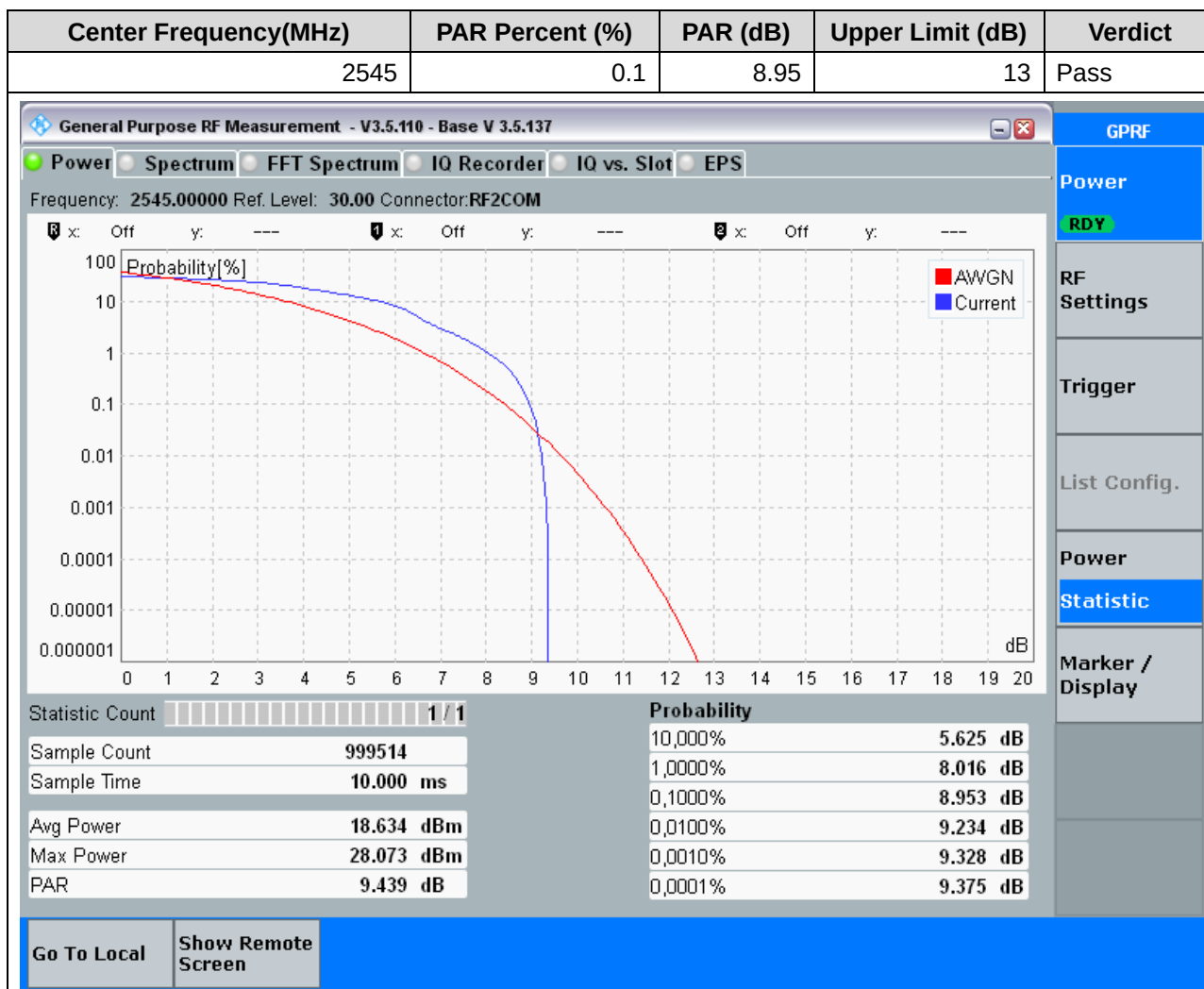
### 9.1. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:40140, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



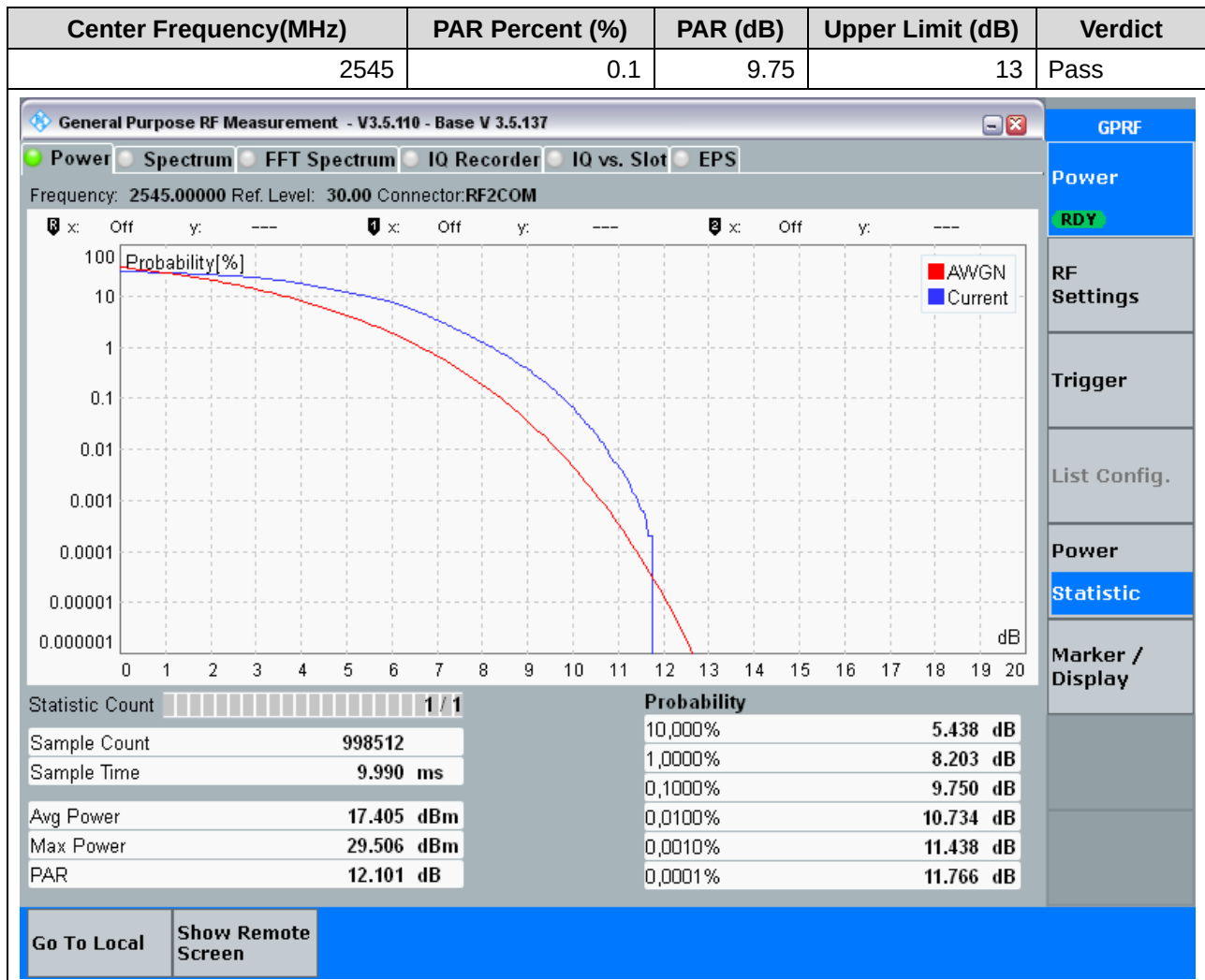
## 9.2. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:40140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



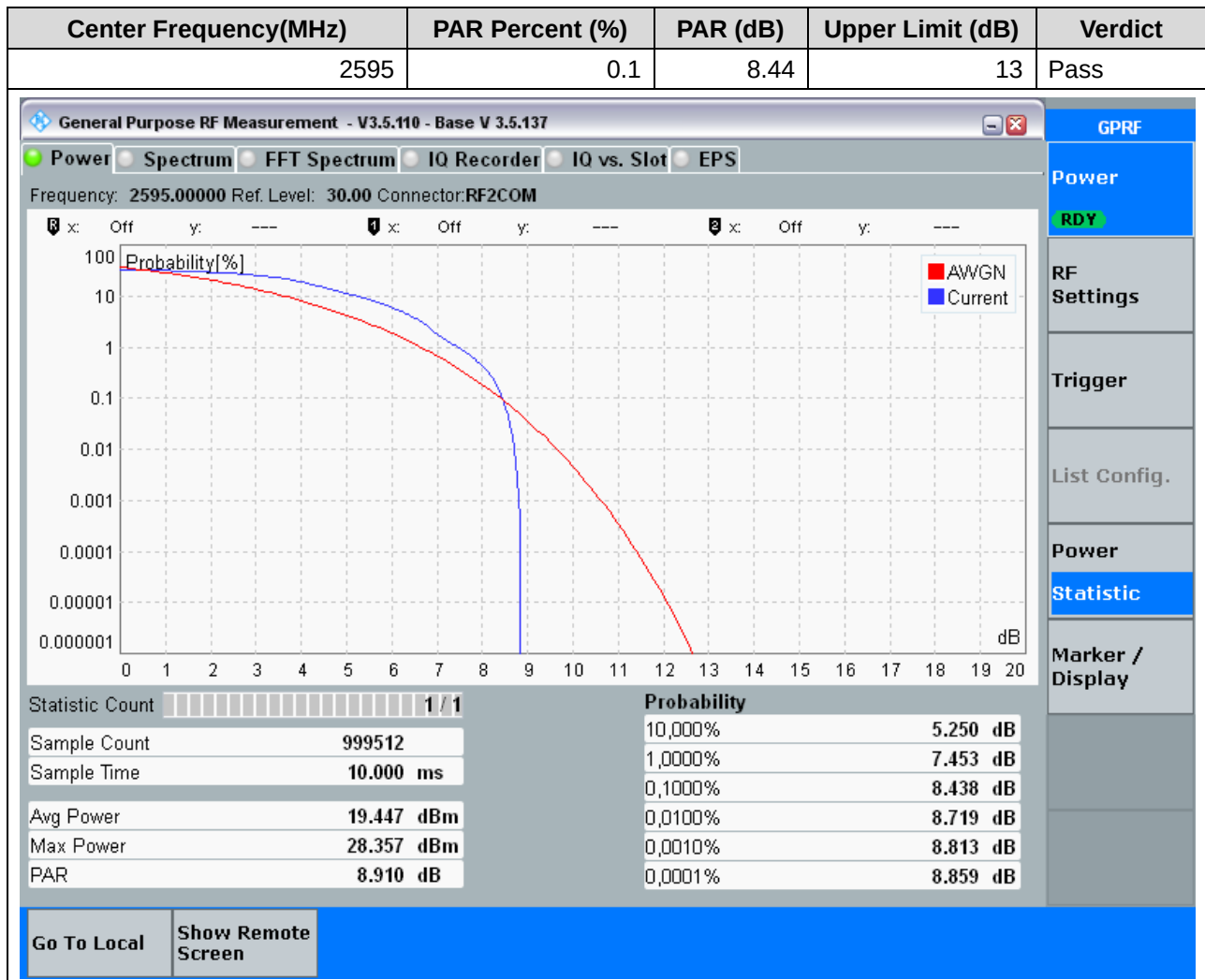
### 9.3. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:40140, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



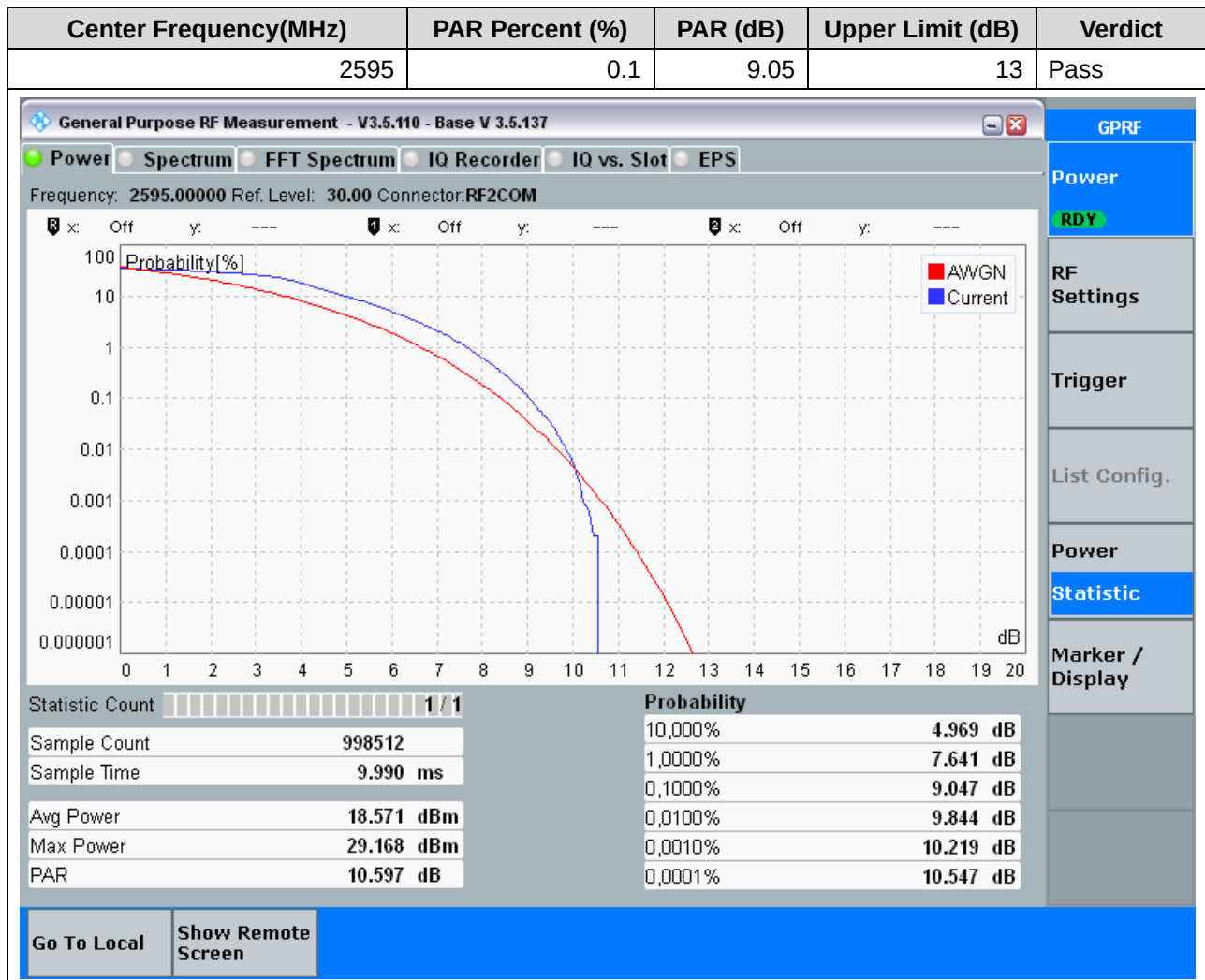
#### 9.4. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4, Channel:40140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



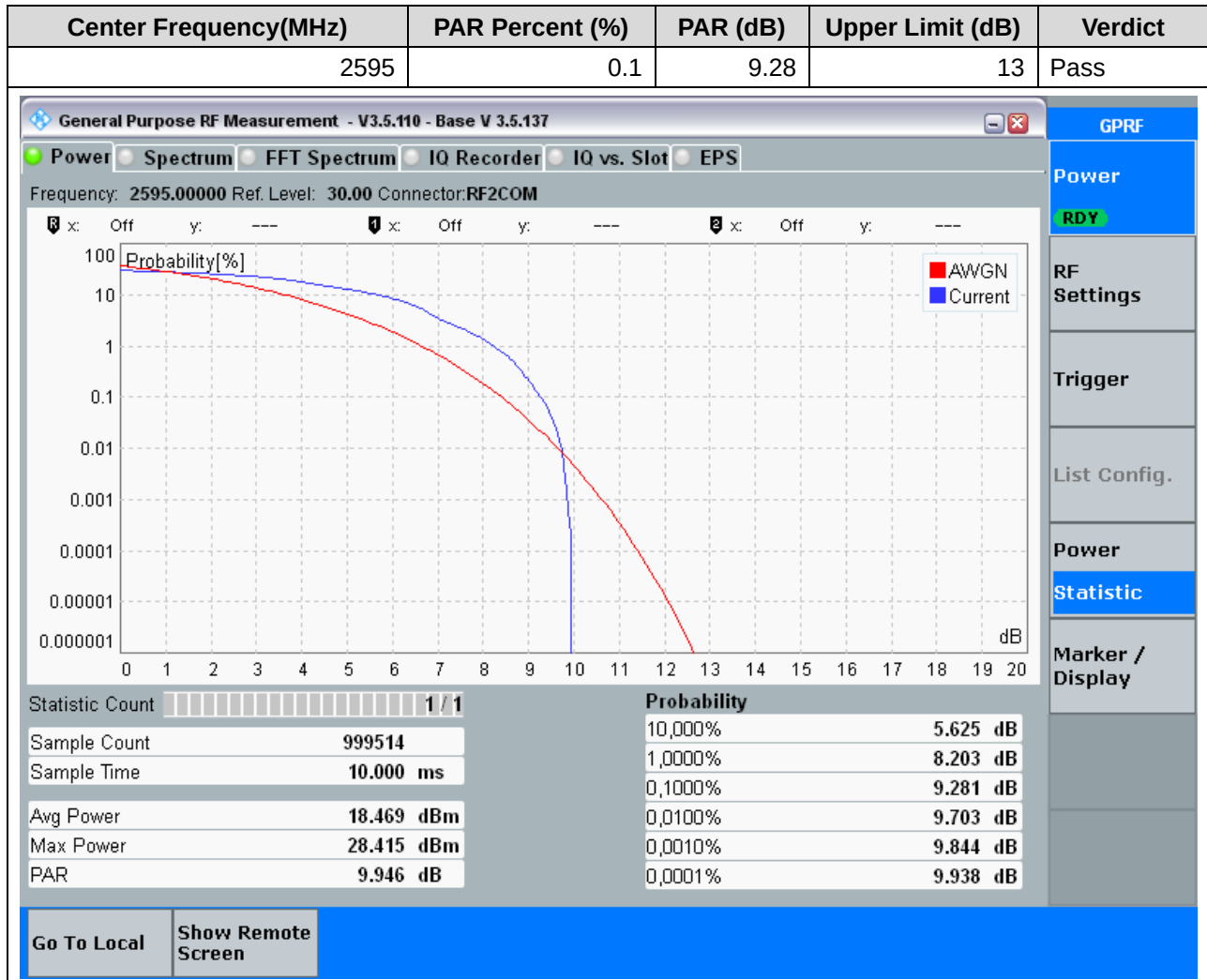
### 9.5. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5, Channel:40640, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



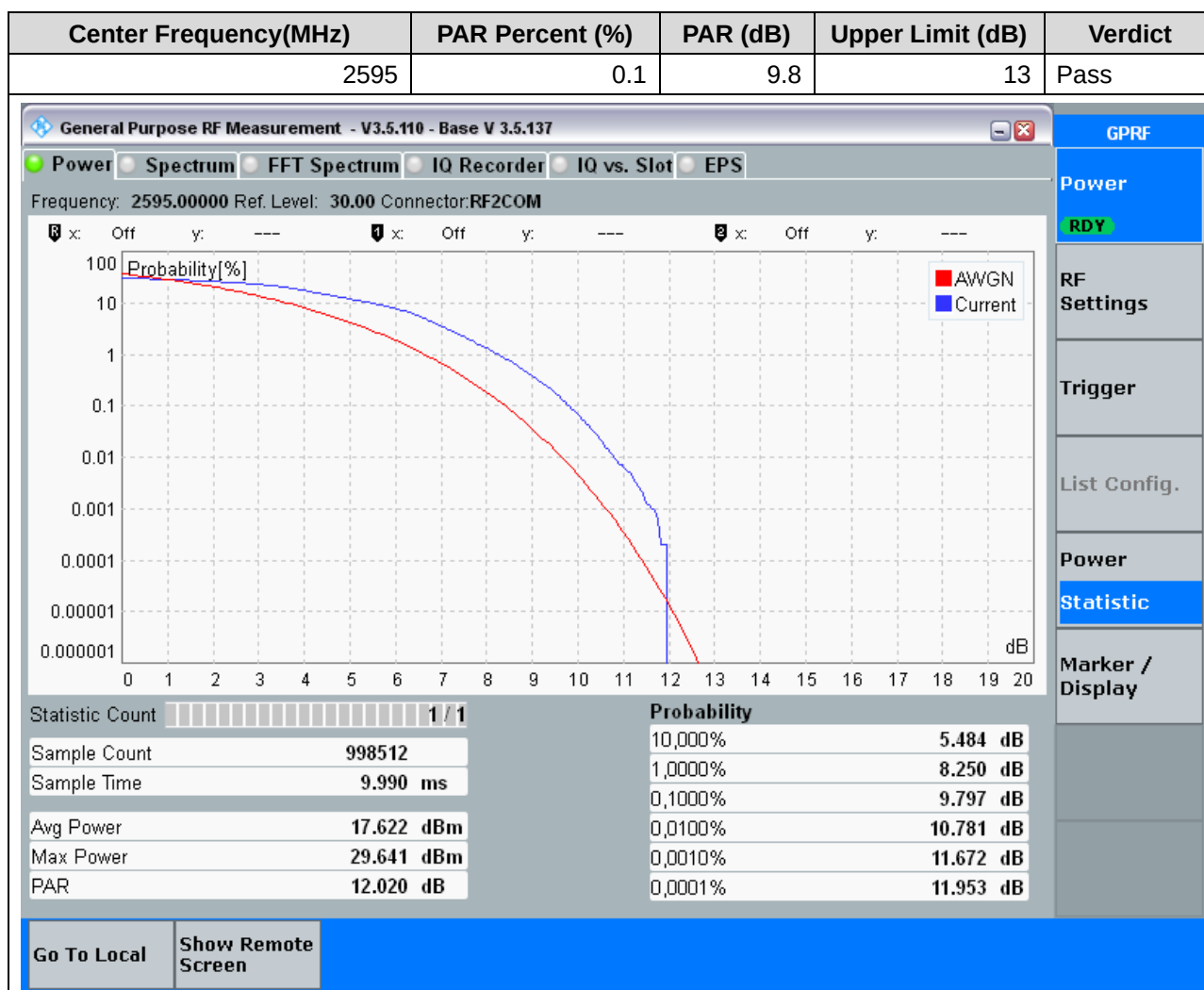
## 9.6. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6, Channel:40640, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



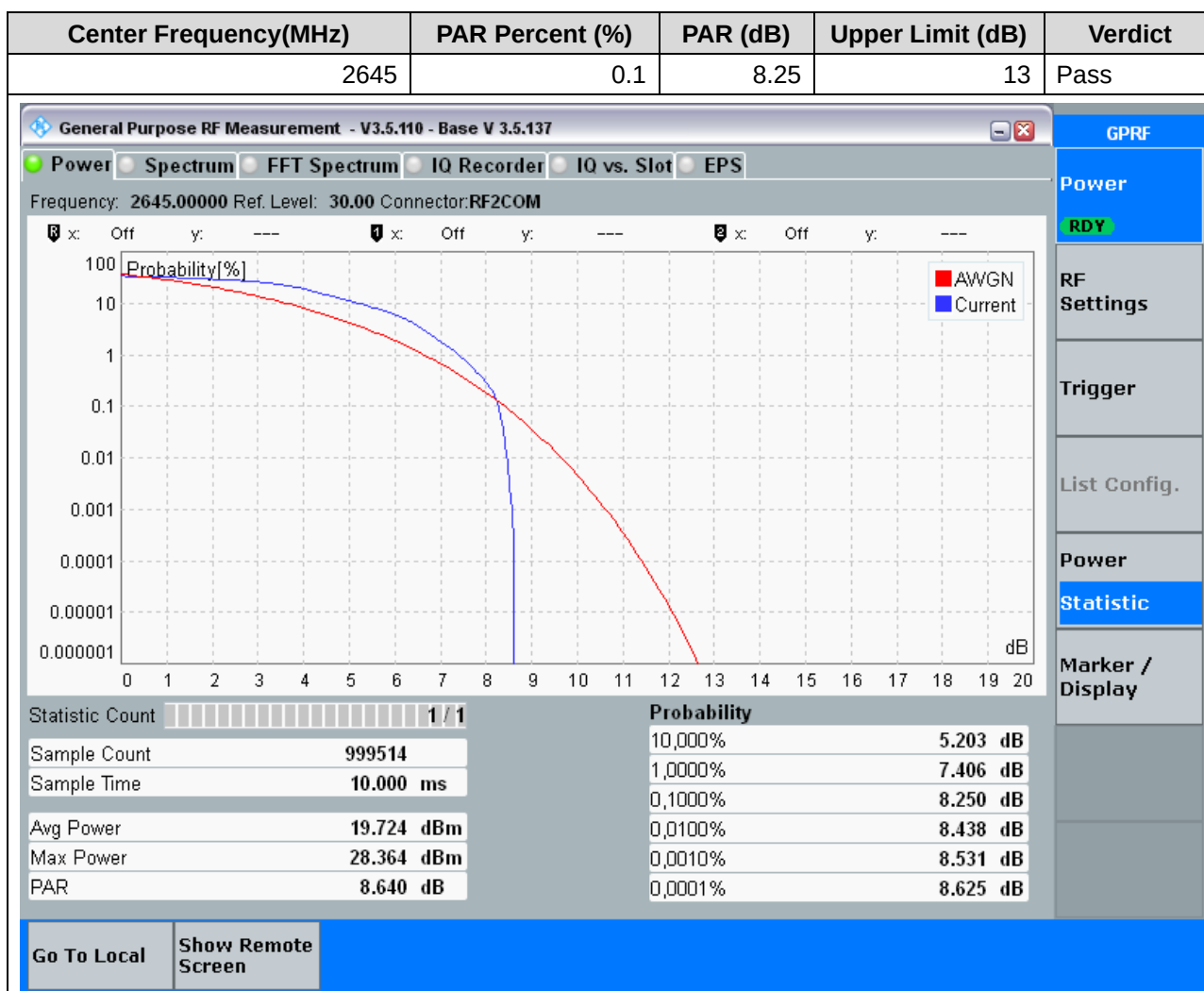
### 9.7. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7, Channel:40640, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



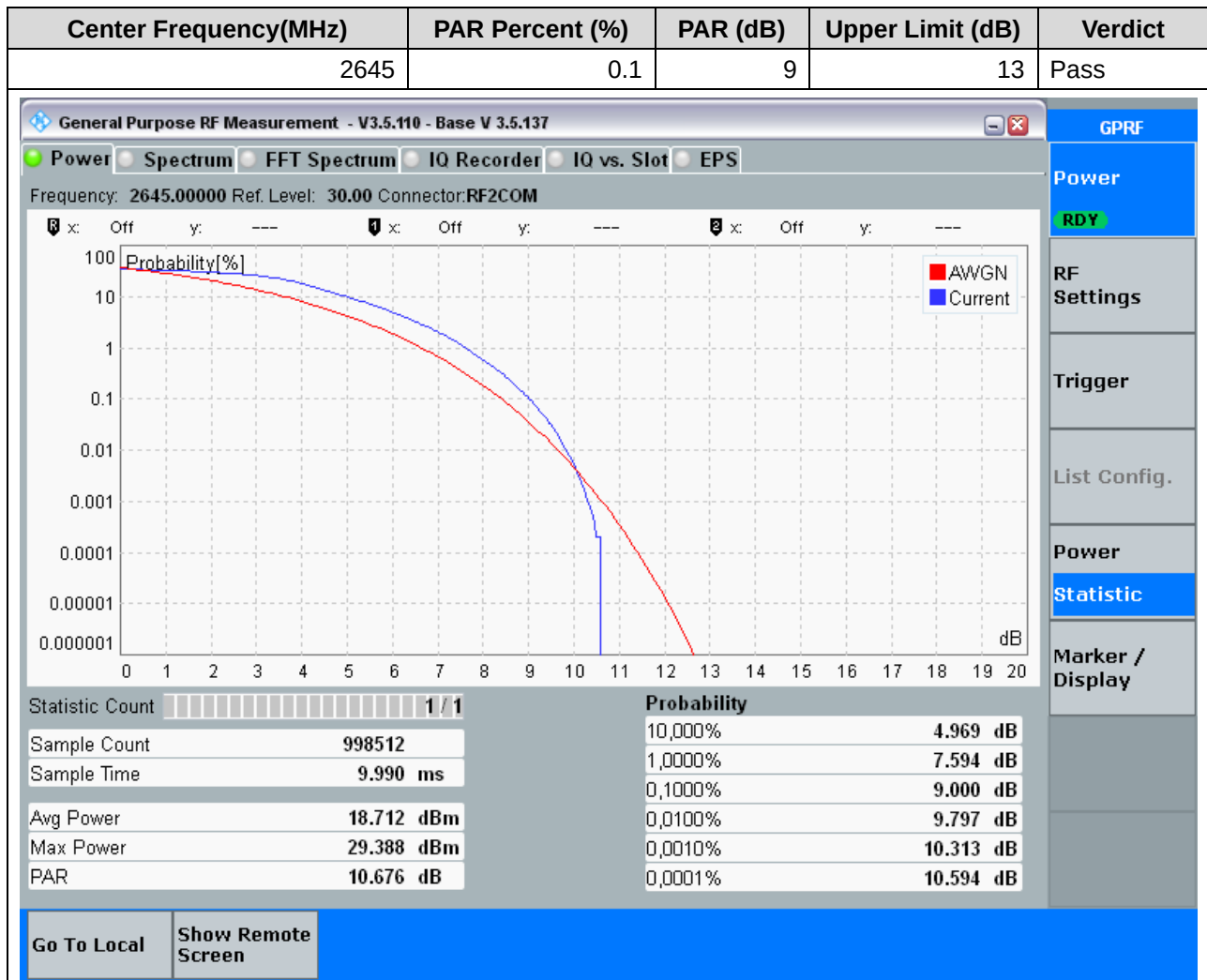
## 9.8. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8, Channel:40640, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



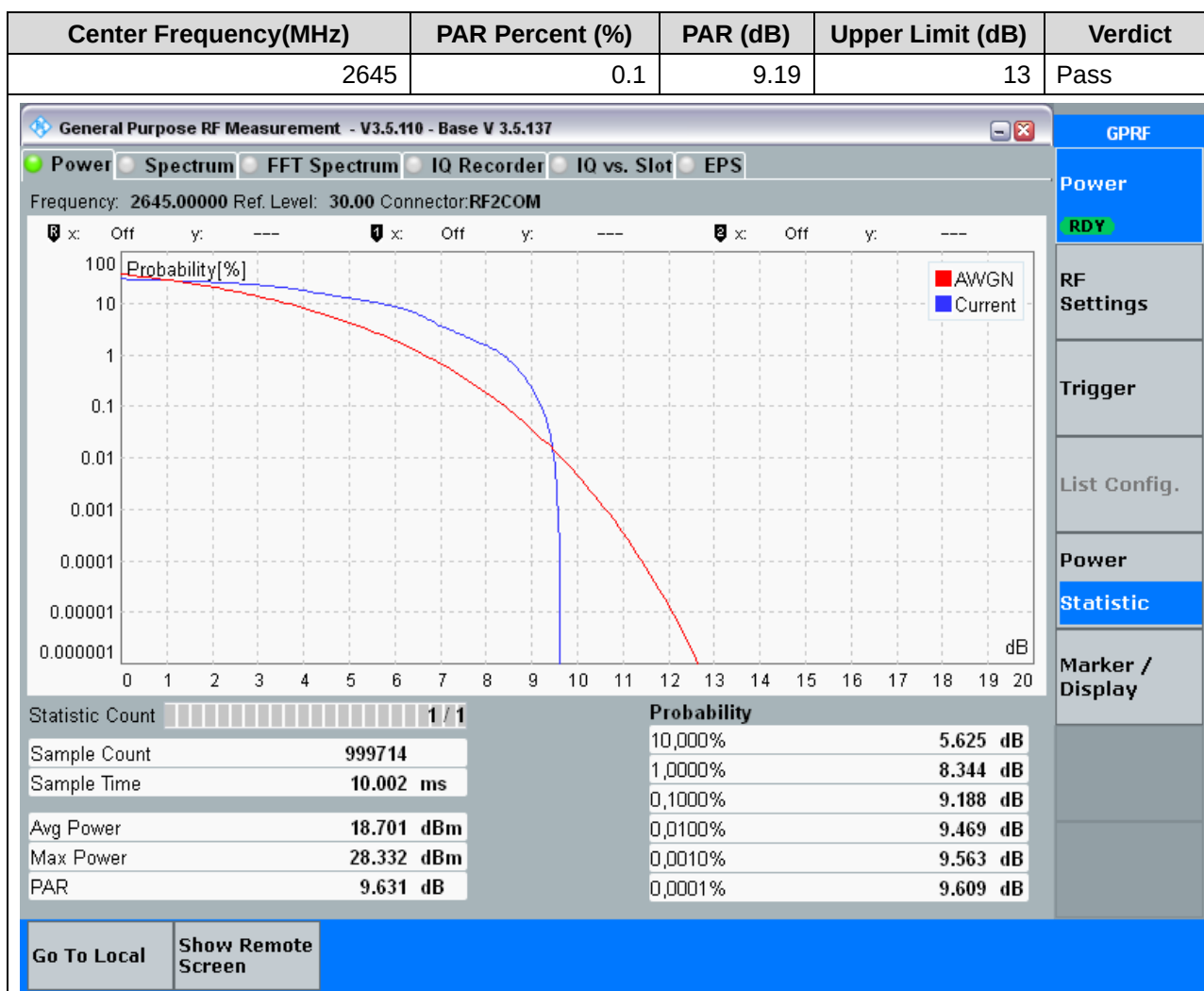
### 9.9. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9, Channel:41140, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



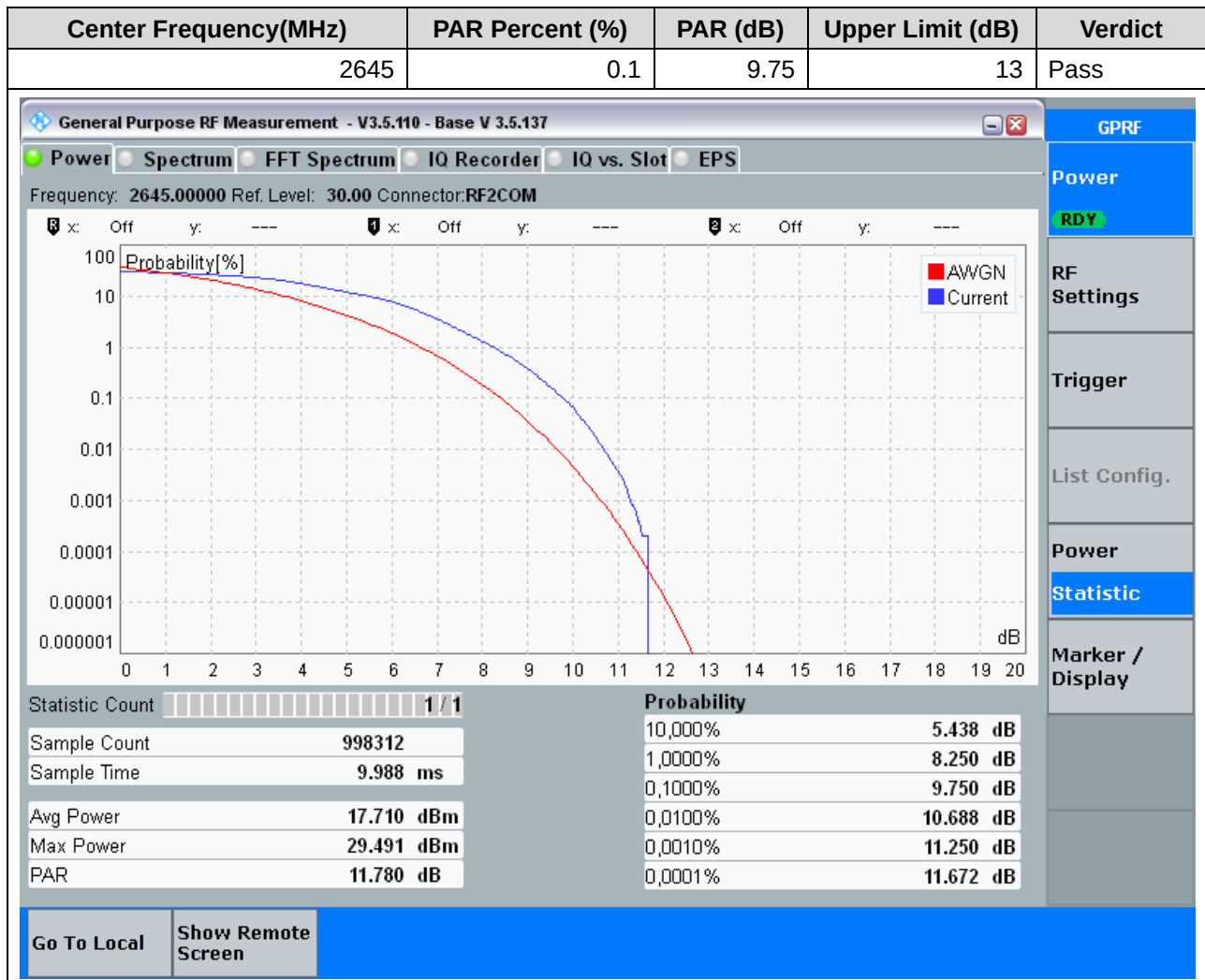
### 9.10. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:41140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



### 9.11. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11, Channel:41140, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

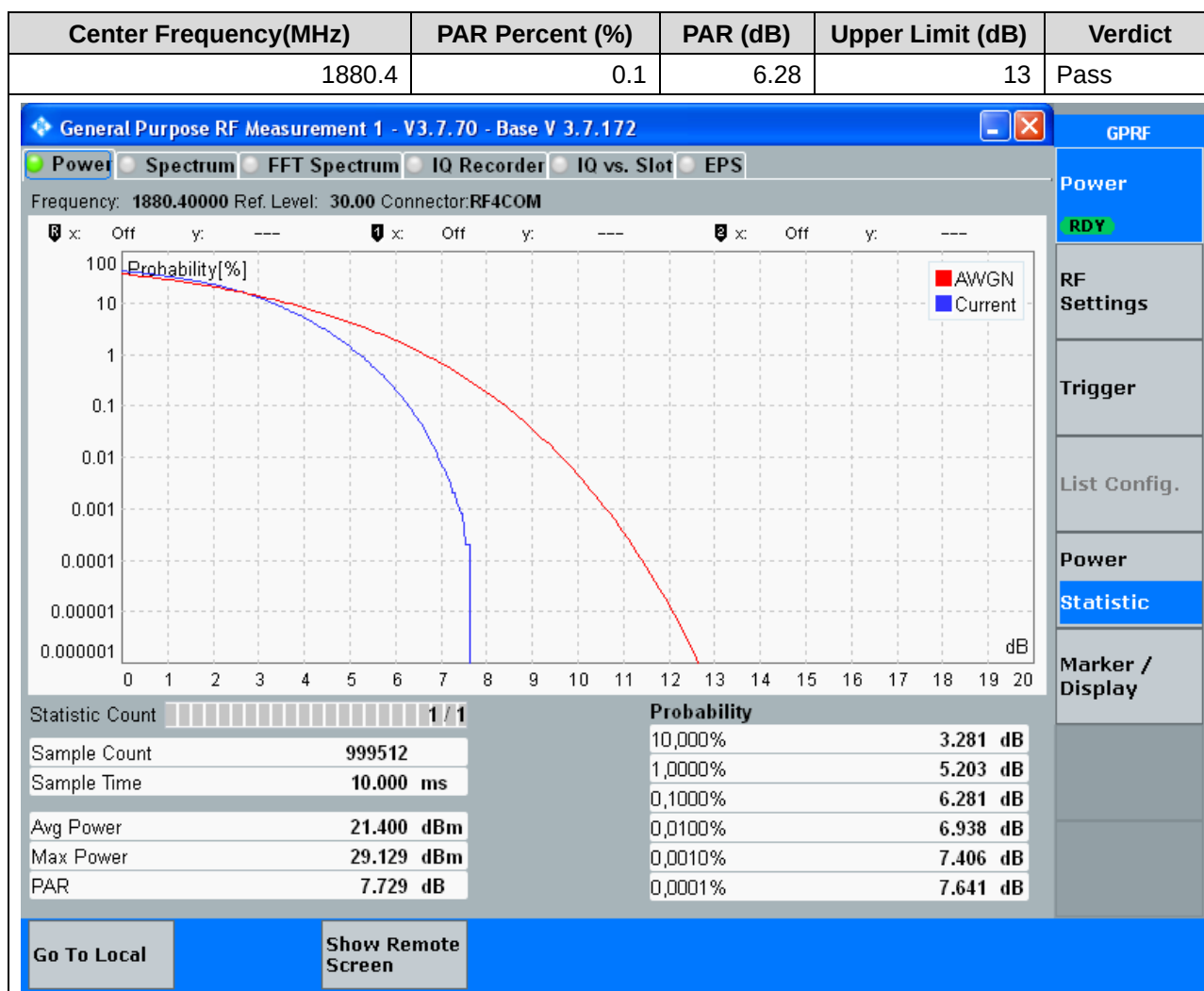


## 9.12. LTE Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:41140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

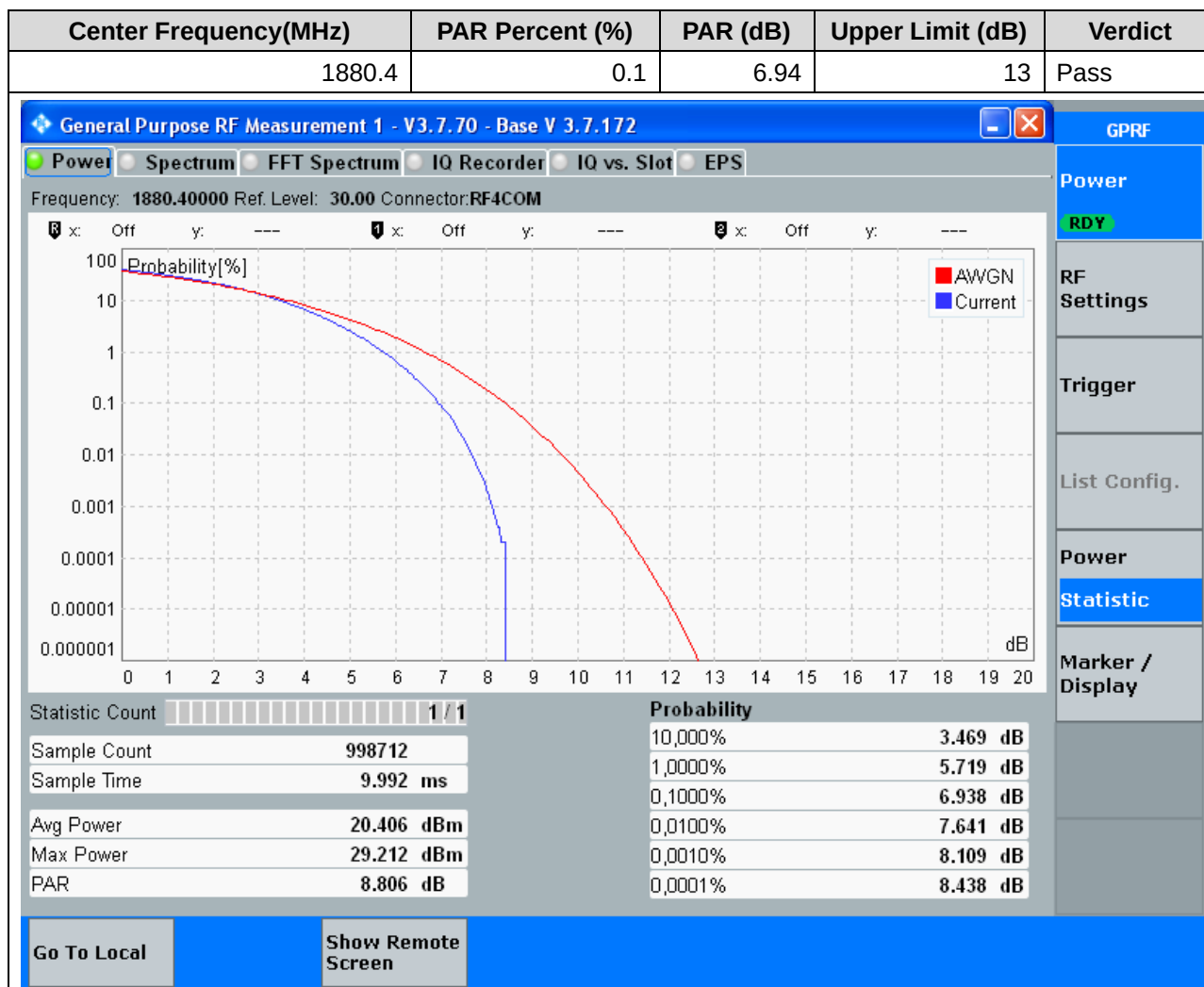


## 10. CA\_2C

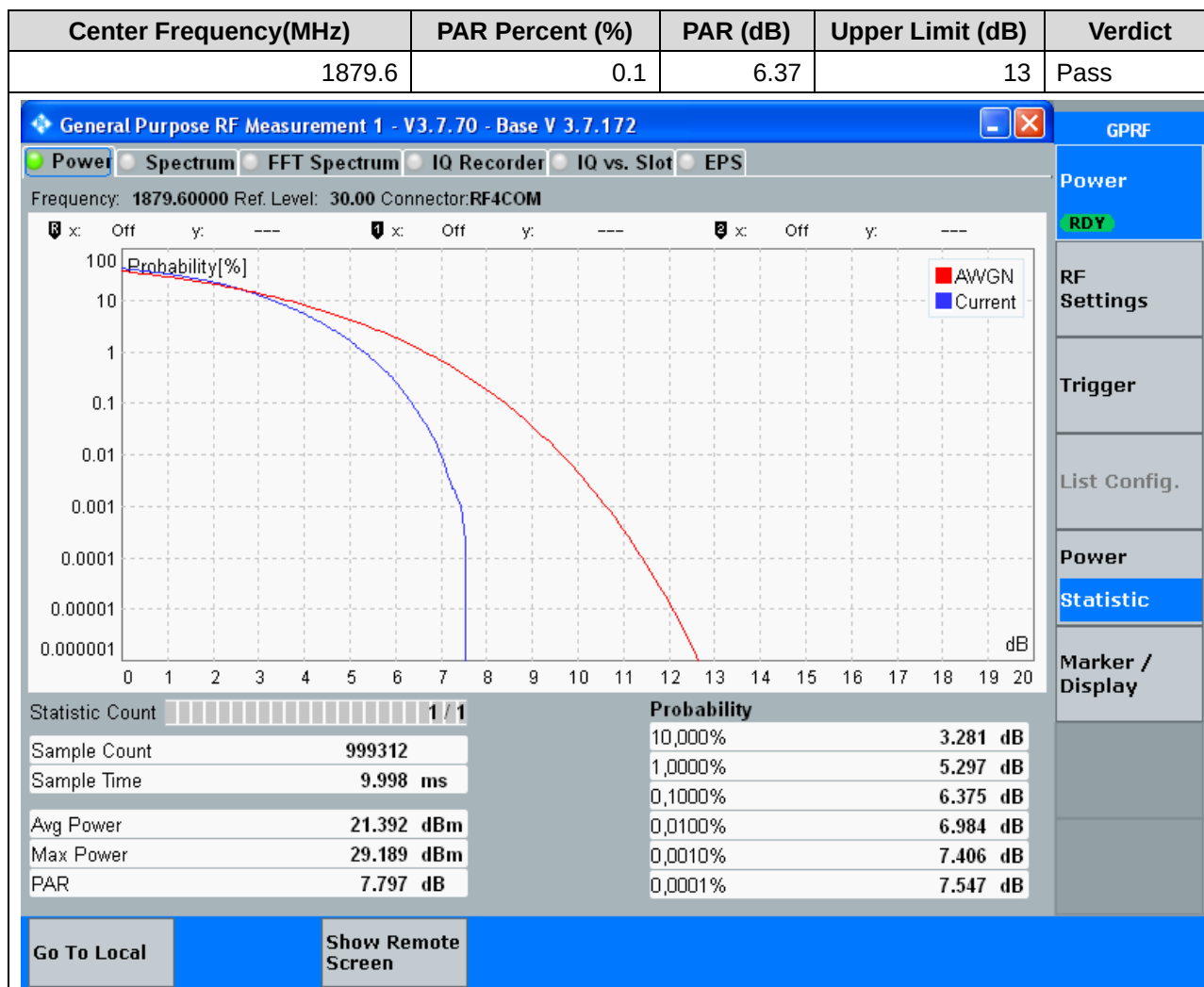
**10.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:18808|18925, Bandwidth:5|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



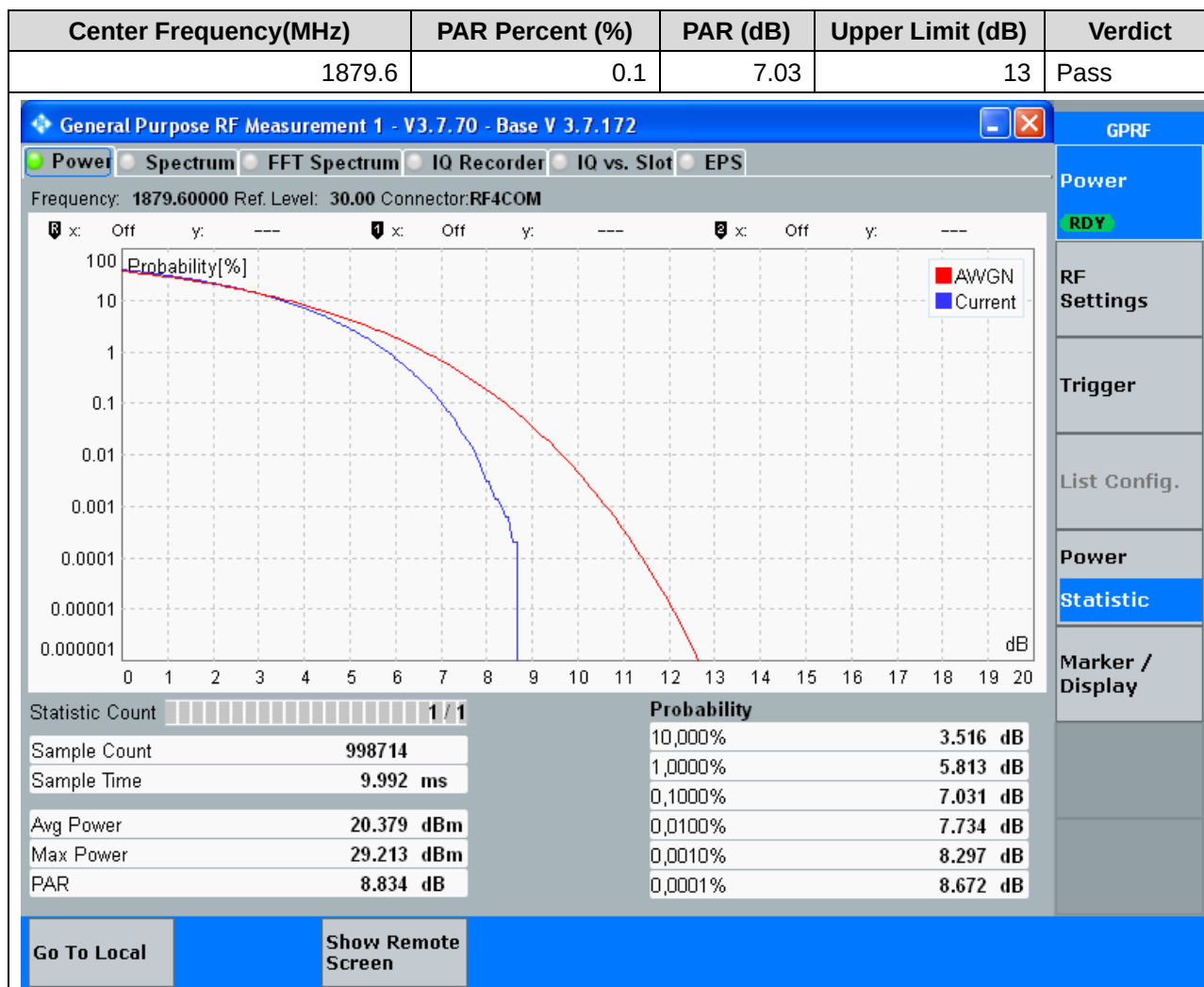
**10.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2,  
Channel:18808|18925, Bandwidth:5|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



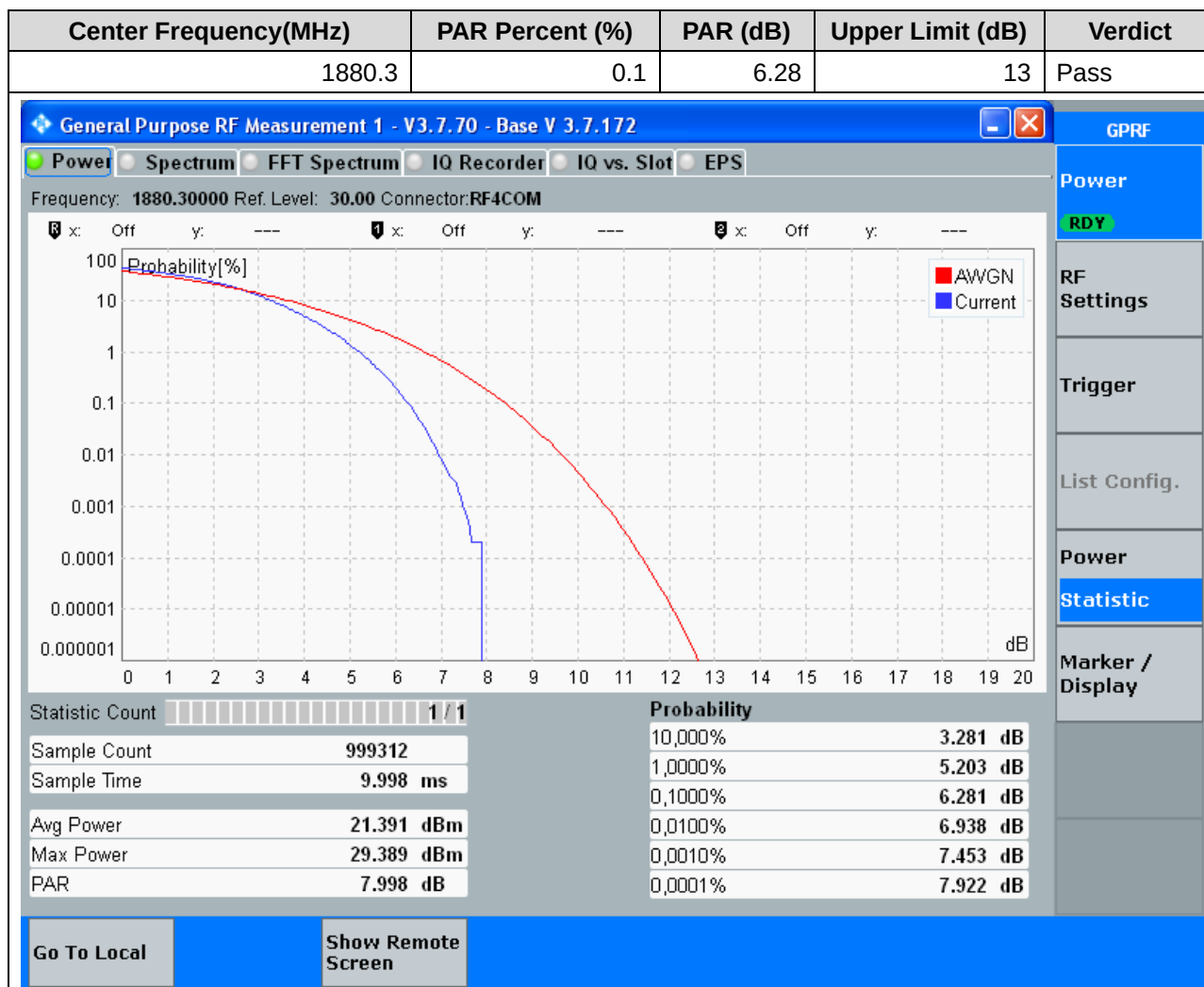
### 10.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:18875|18992, Bandwidth:20|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



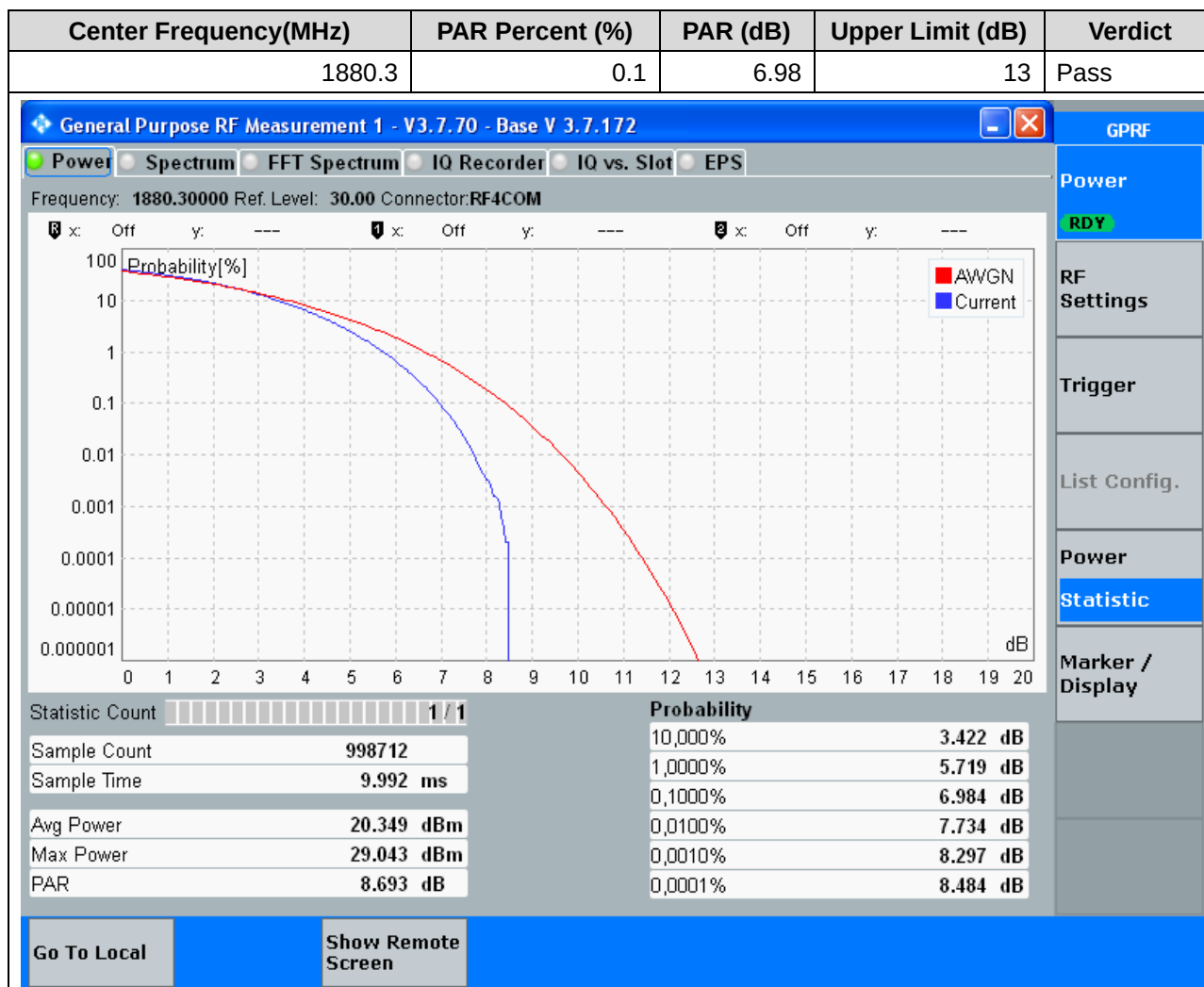
**10.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:18875|18992, Bandwidth:20|5MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



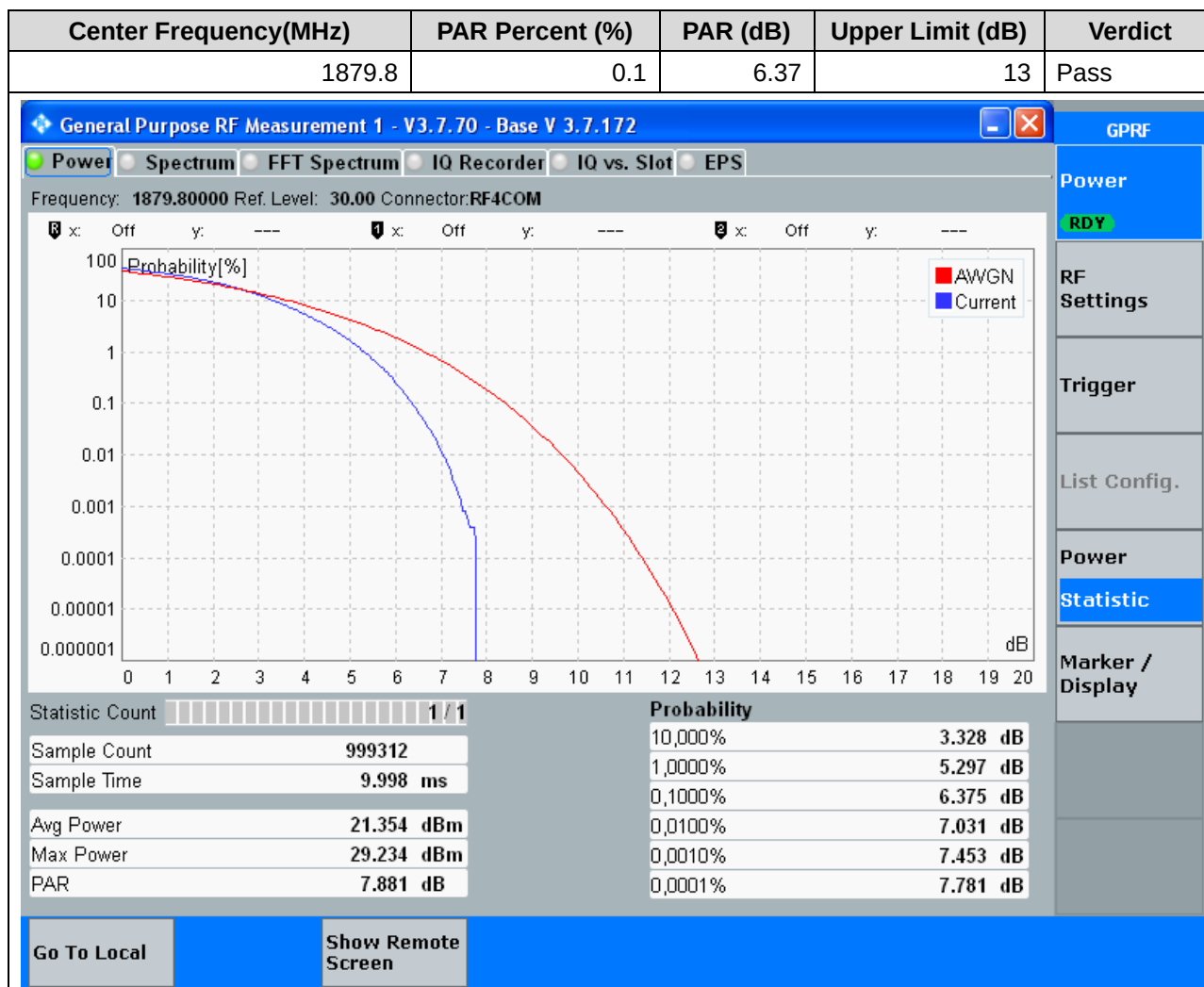
**10.5. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5,  
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



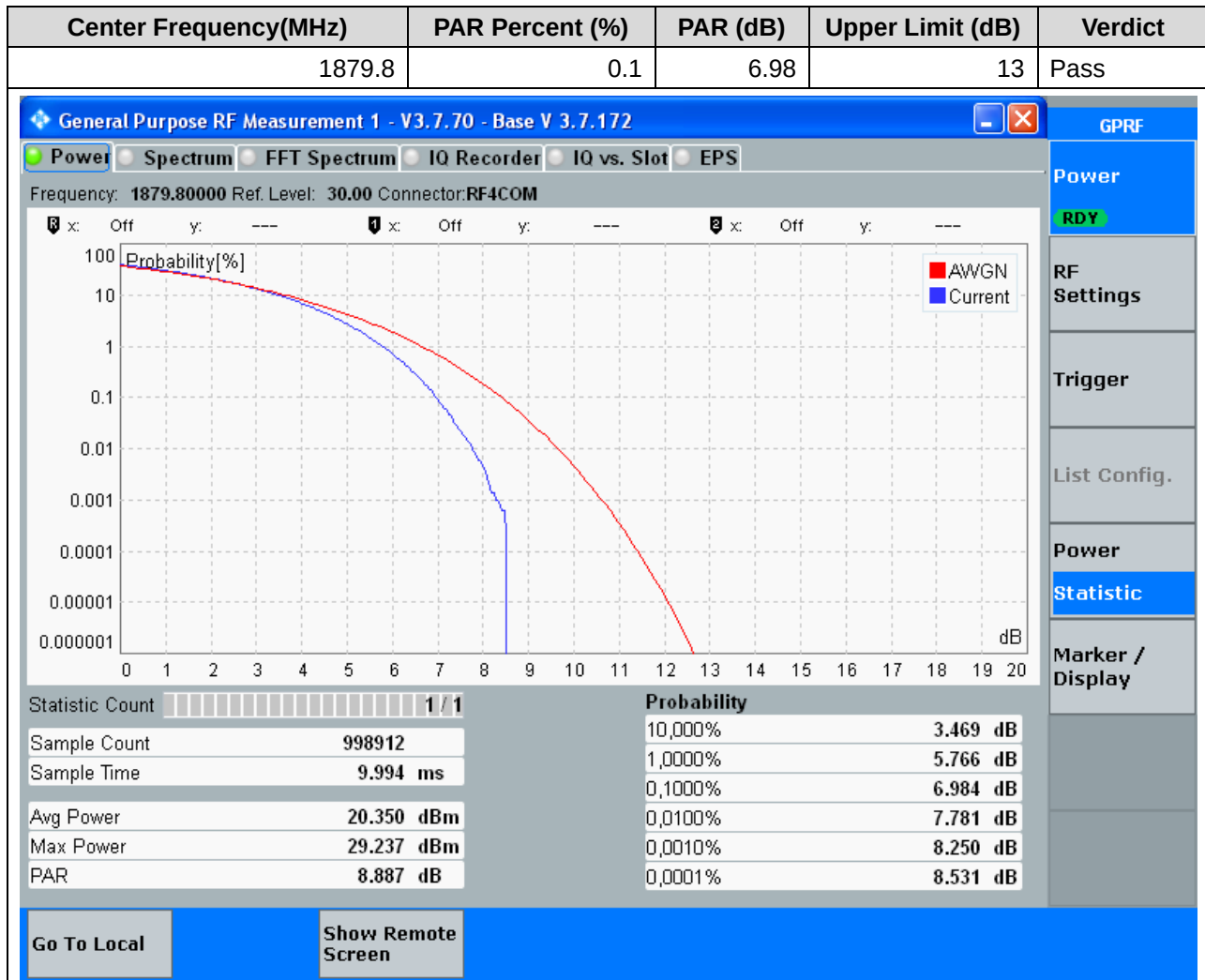
**10.6. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6,  
Channel:18806|18950, Bandwidth:10|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



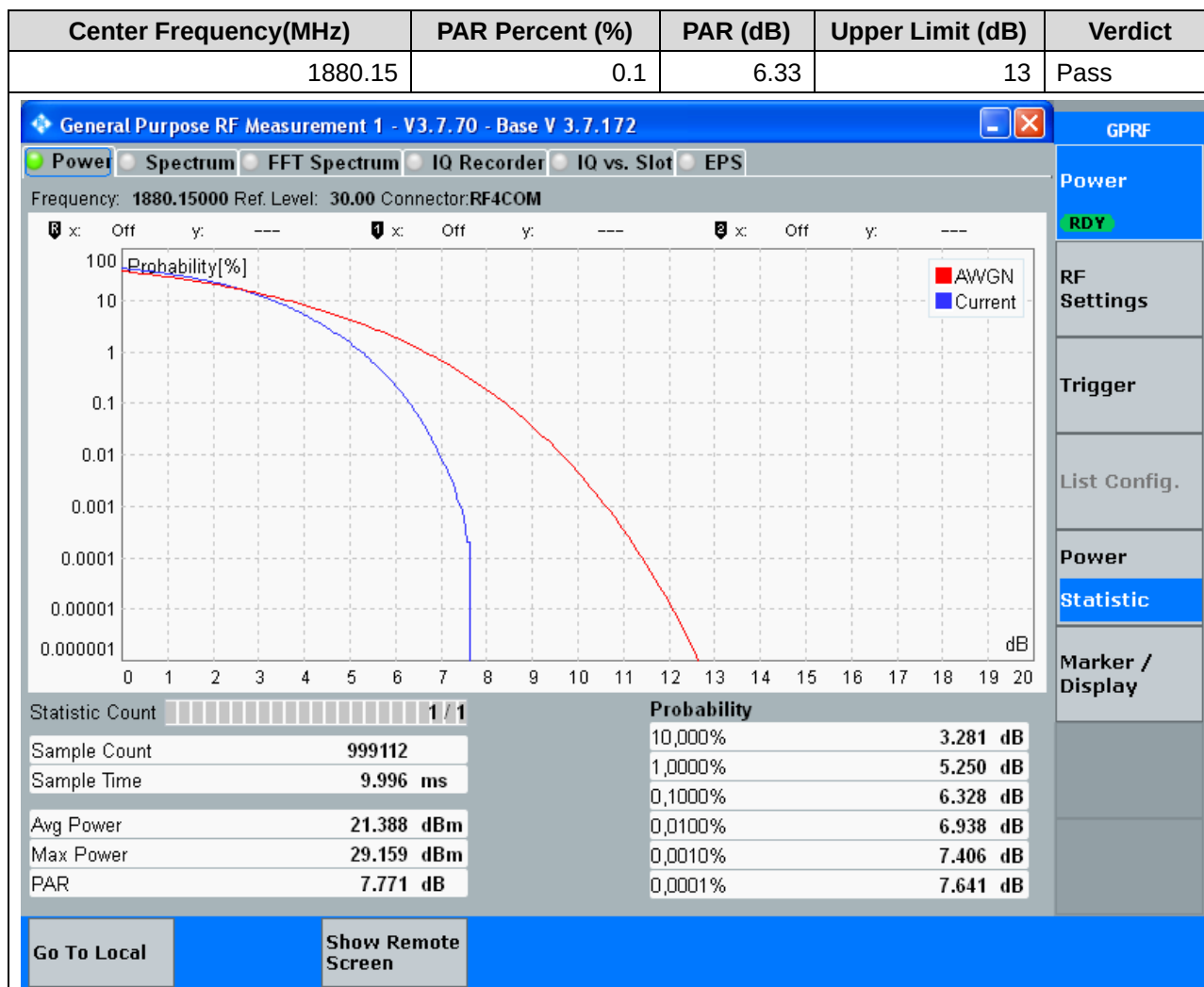
**10.7. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7,  
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



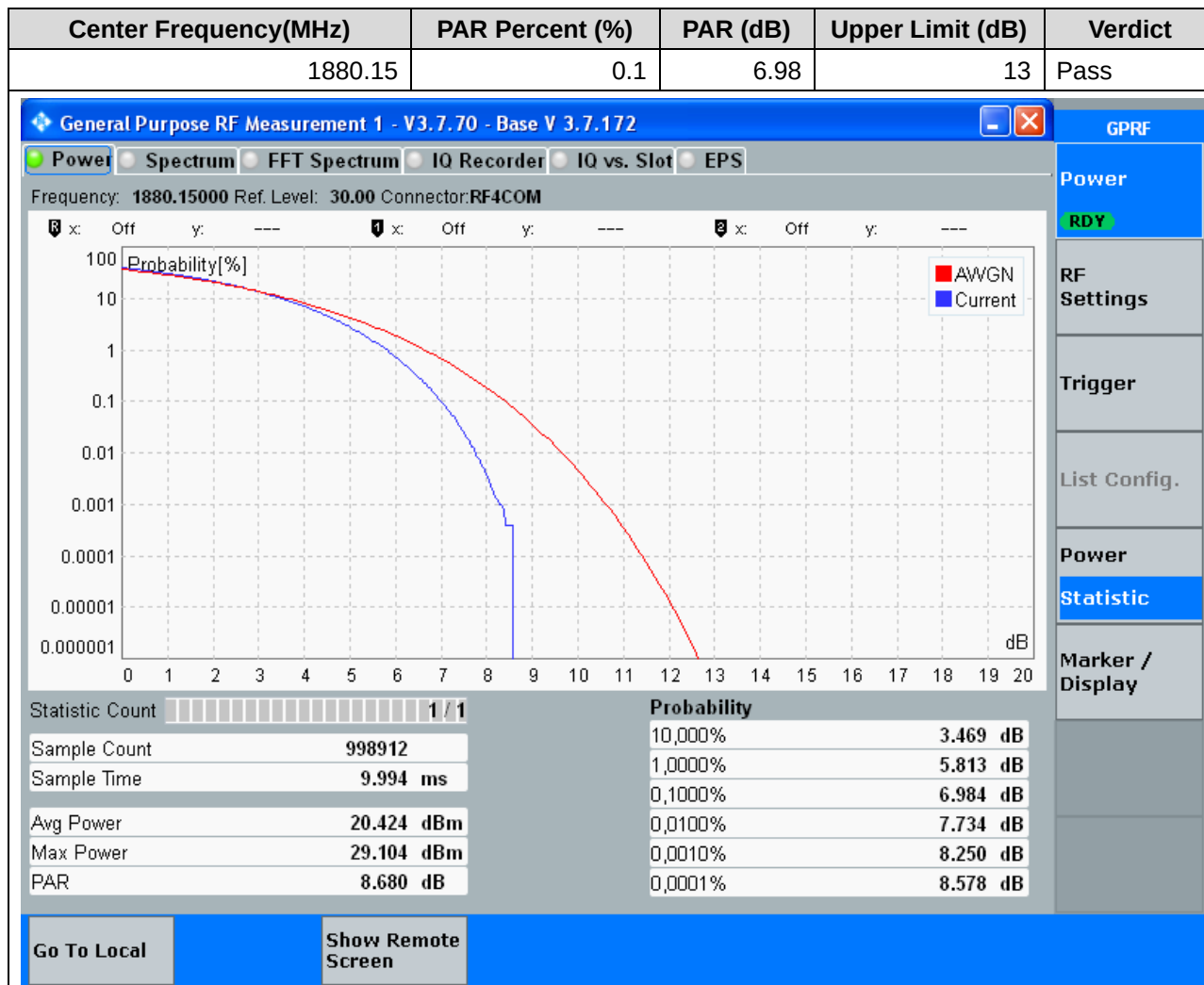
**10.8. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8,  
Channel:18851|18995, Bandwidth:20|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



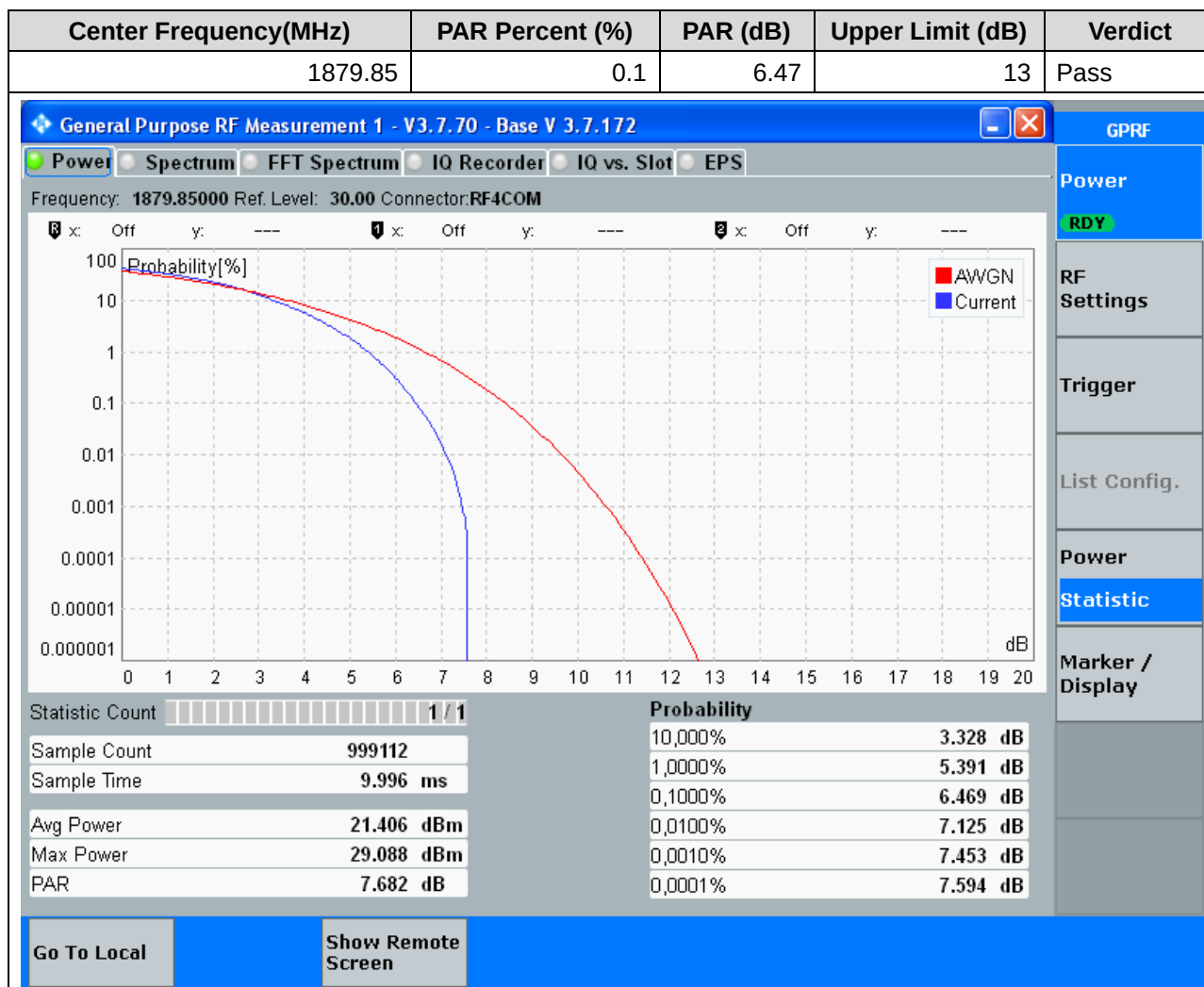
**10.9. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9,  
Channel:18829|18949, Bandwidth:10|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



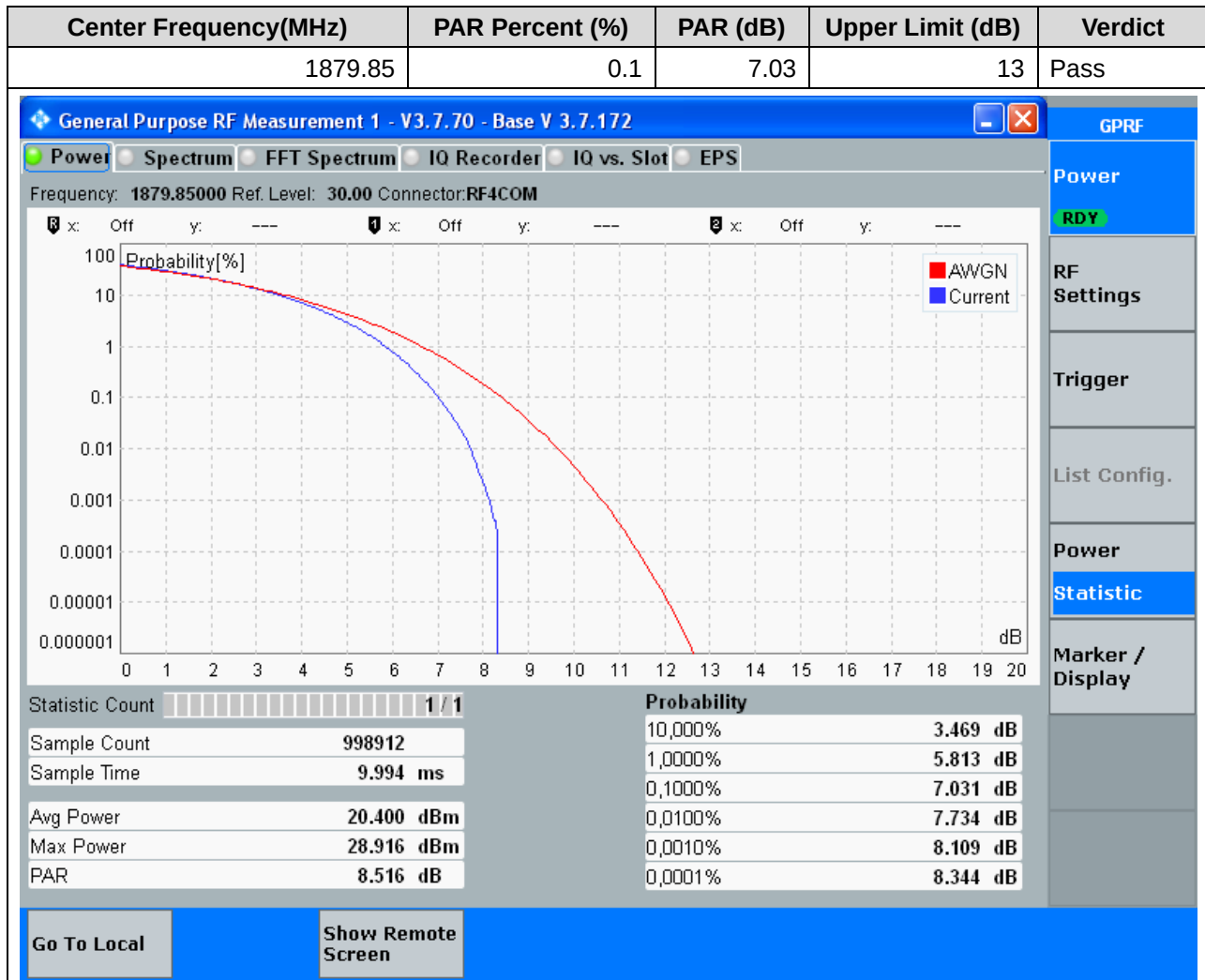
**10.10. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:18829|18949, Bandwidth:10|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



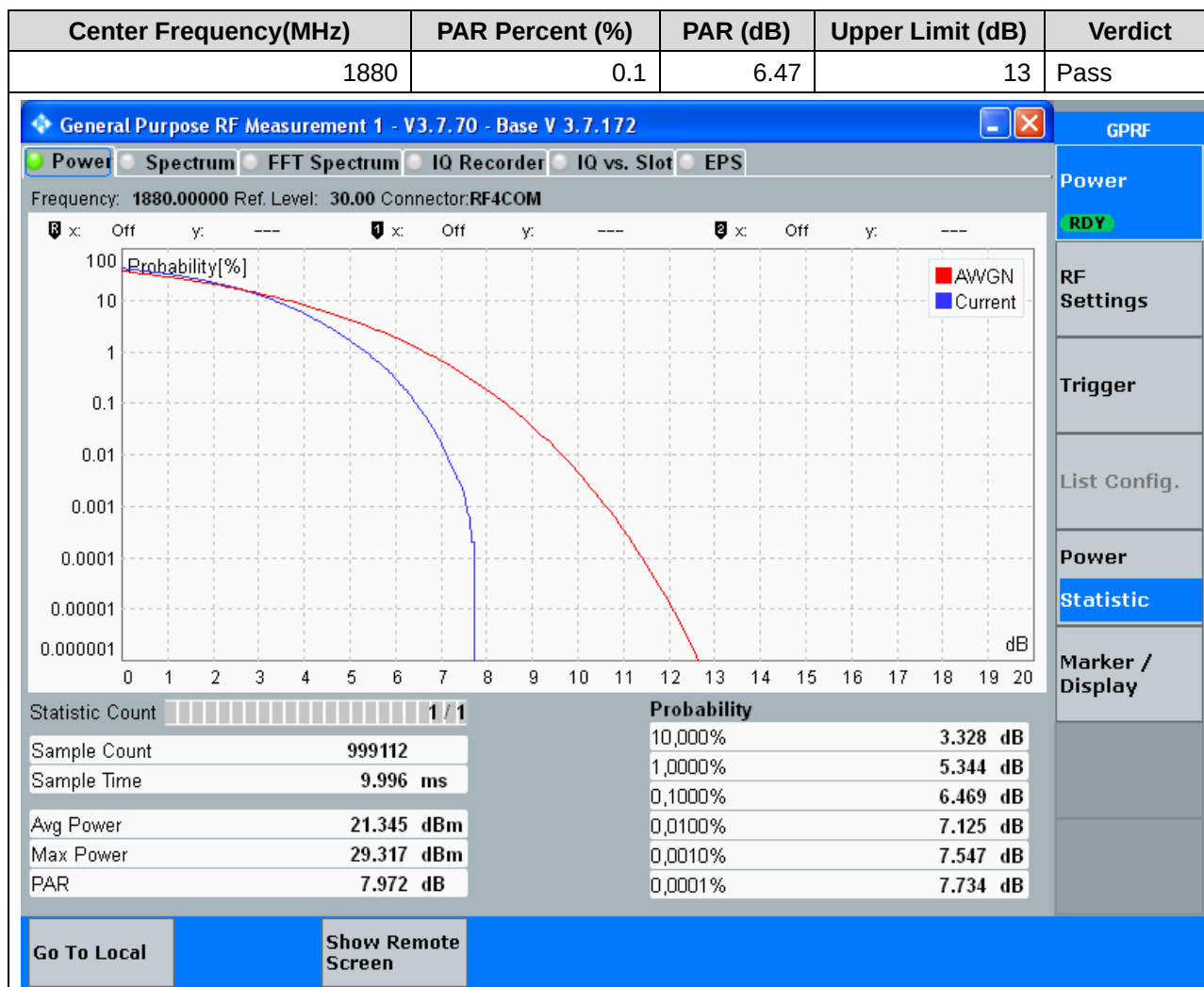
**10.11. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11,  
Channel:18851|18971, Bandwidth:15|10MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



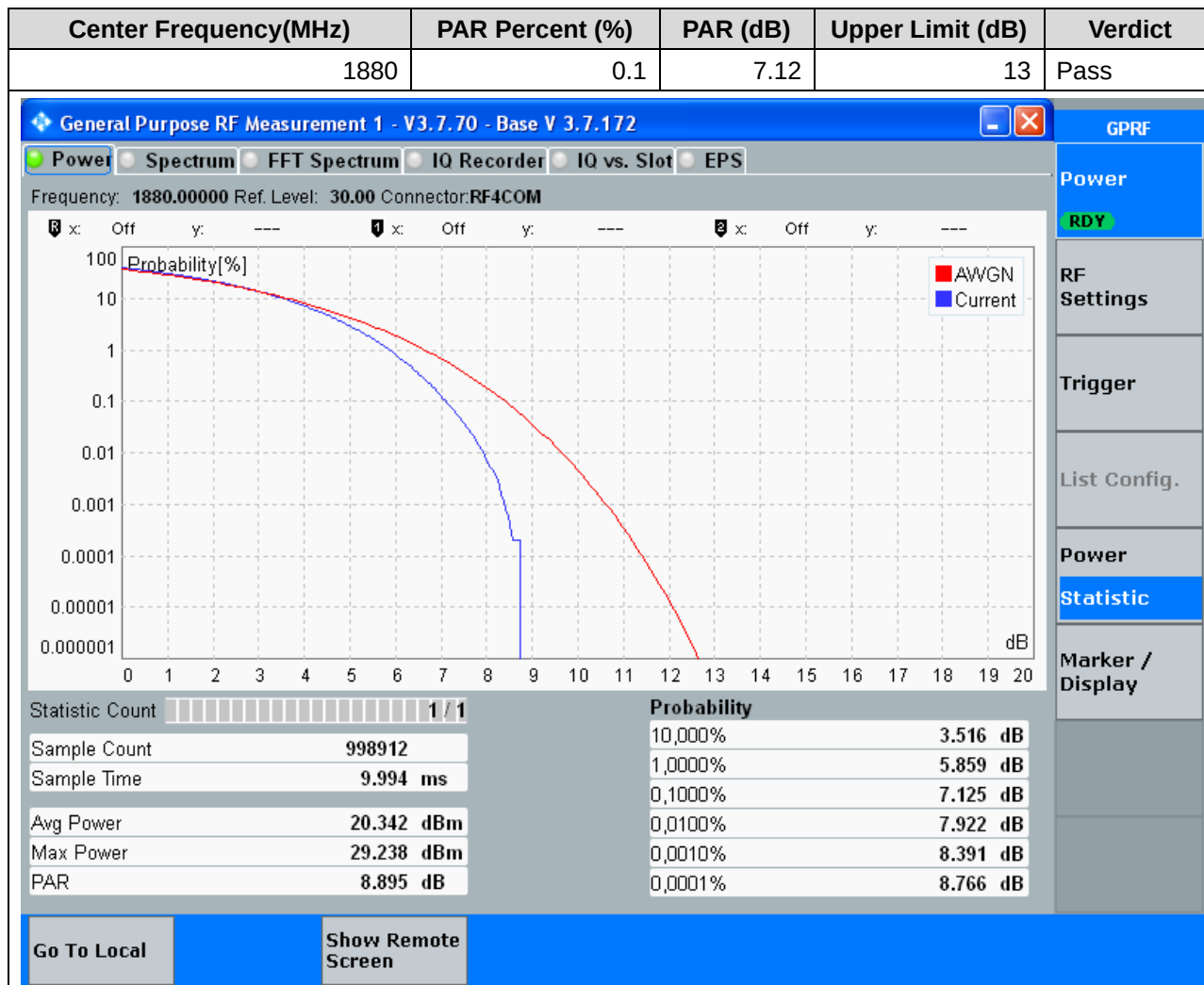
**10.12. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:18851|18971, Bandwidth:15|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



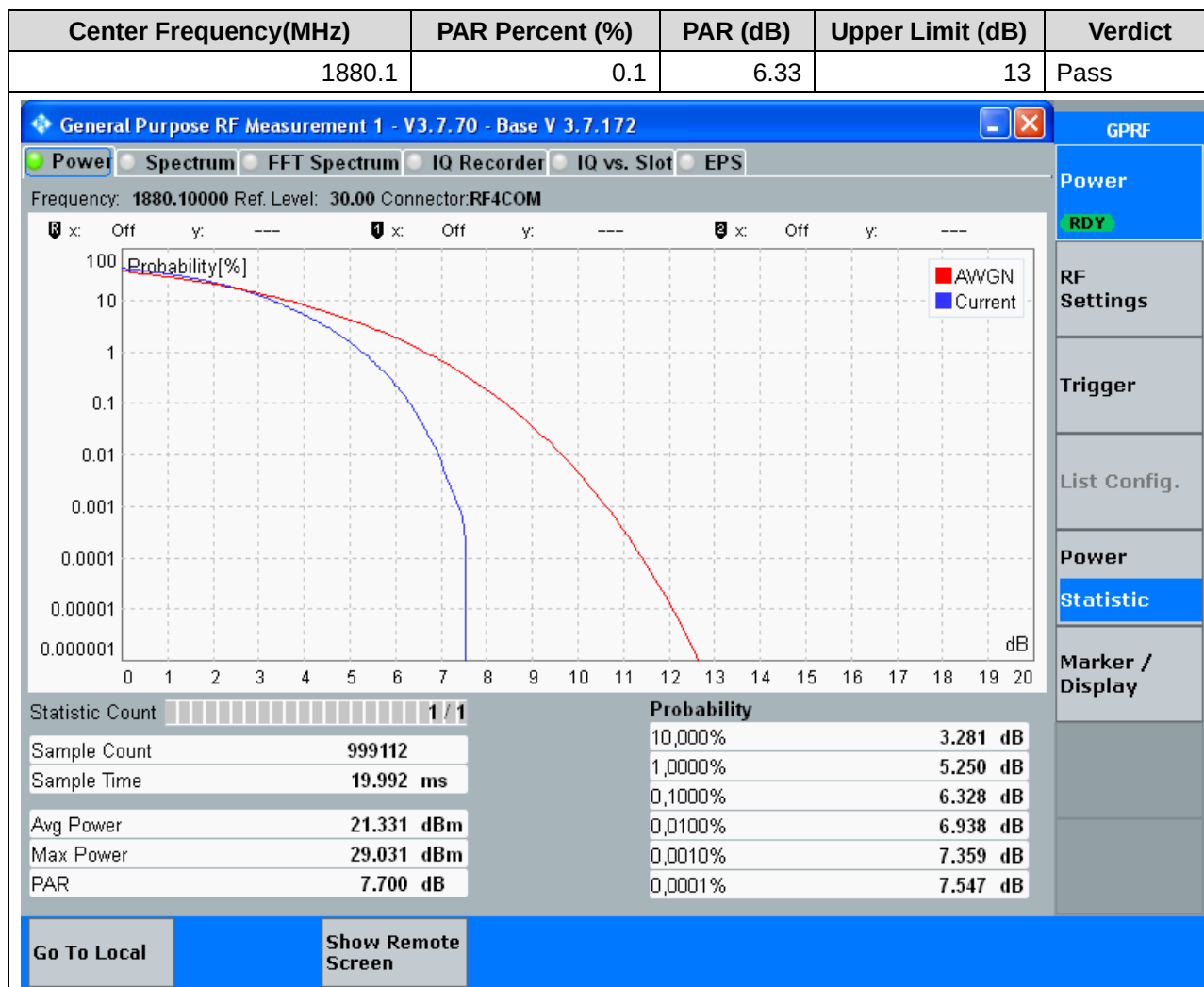
**10.13. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:13,  
Channel:18825|18975, Bandwidth:15|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



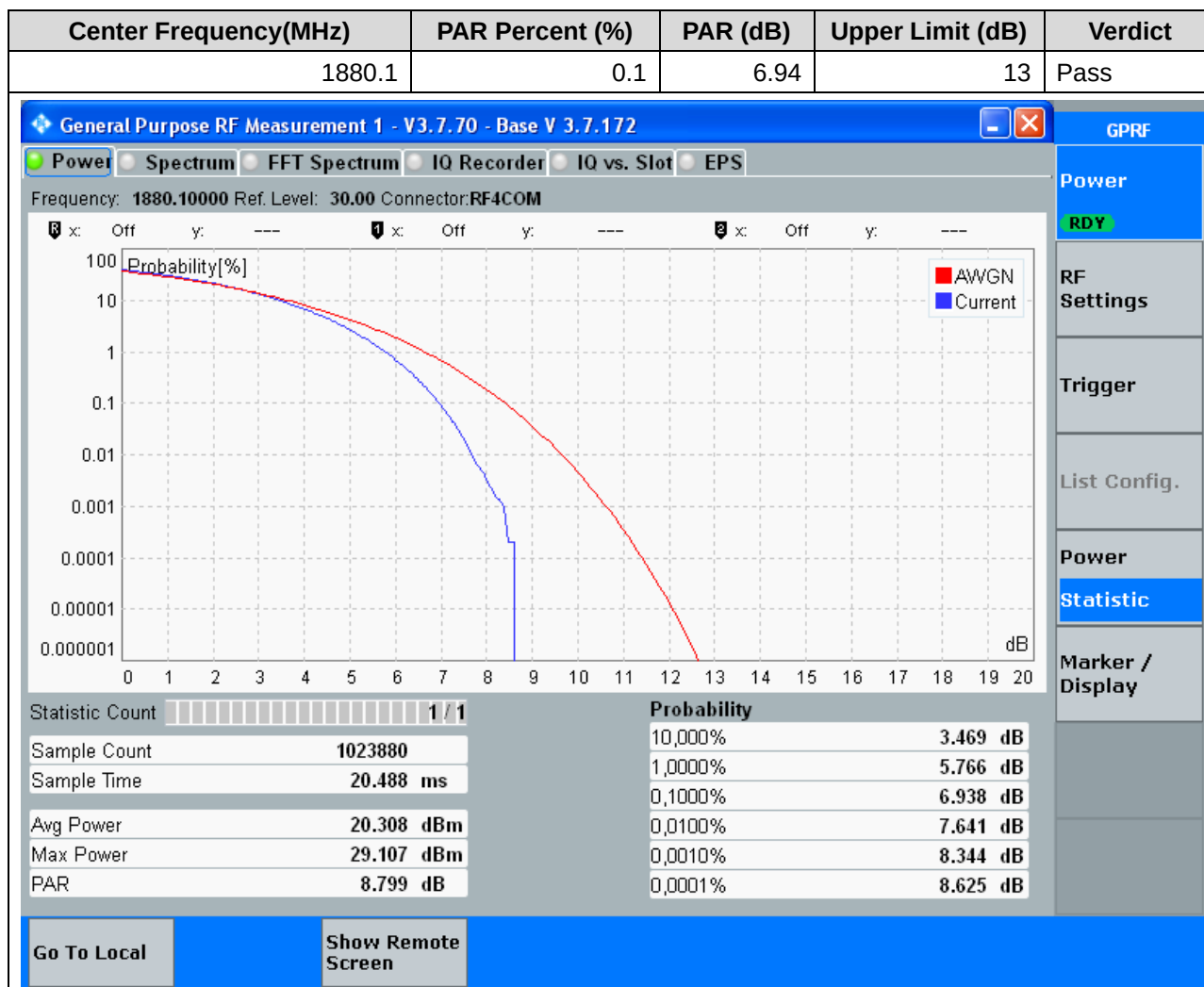
**10.14. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:14, Channel:18825|18975, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



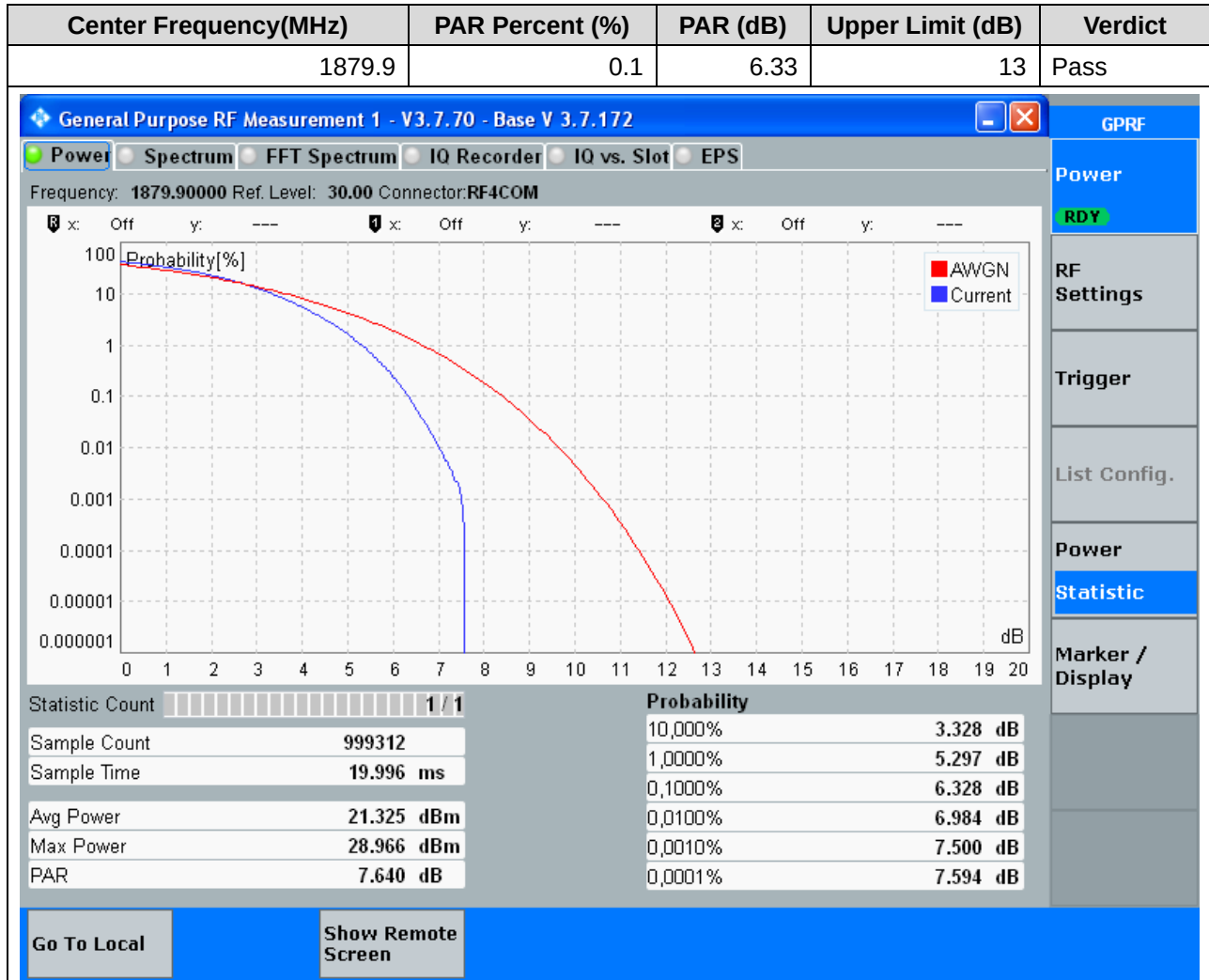
**10.15. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:15,  
Channel:18803|18974, Bandwidth:15|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



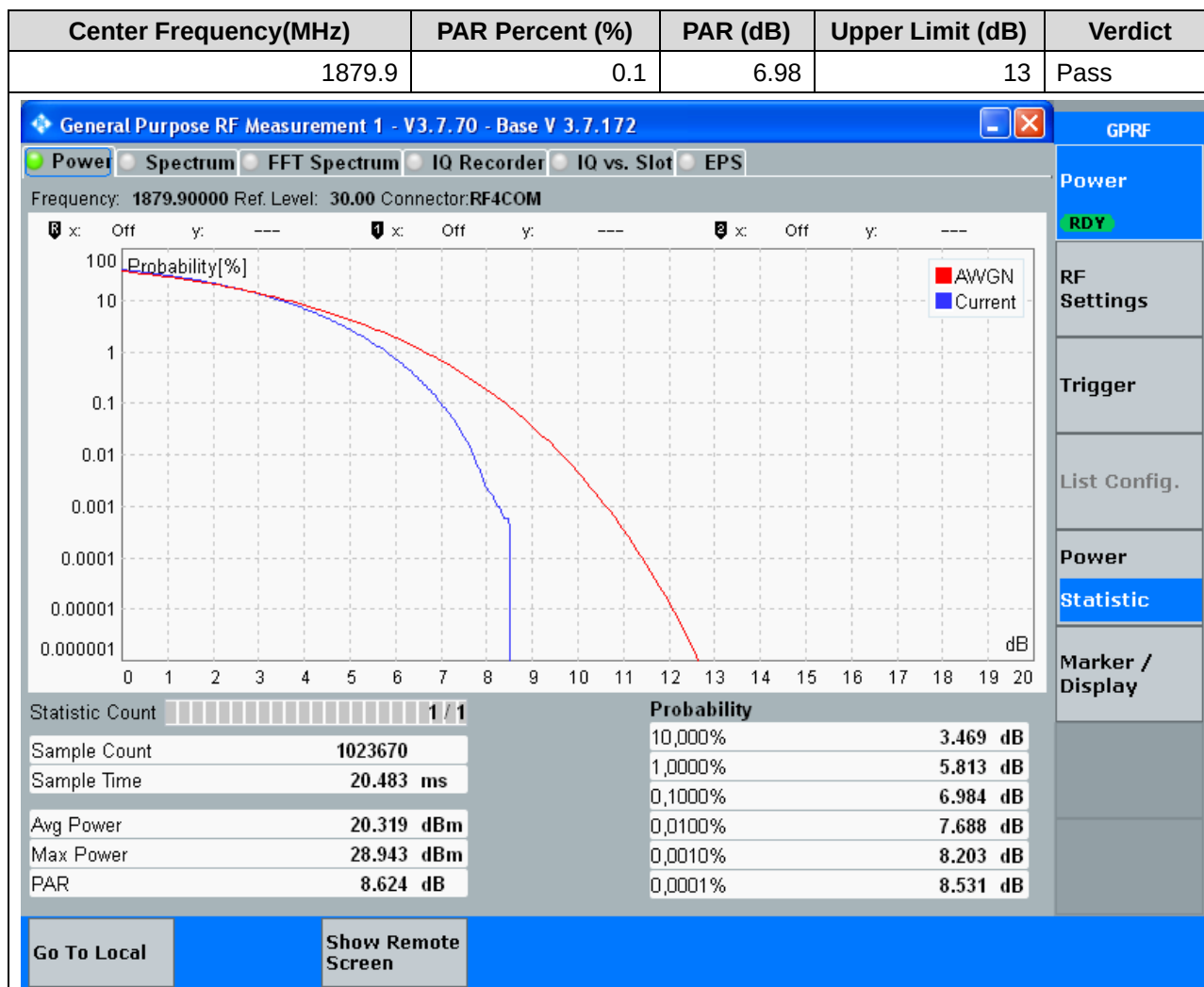
**10.16. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:16,  
Channel:18803|18974, Bandwidth:15|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



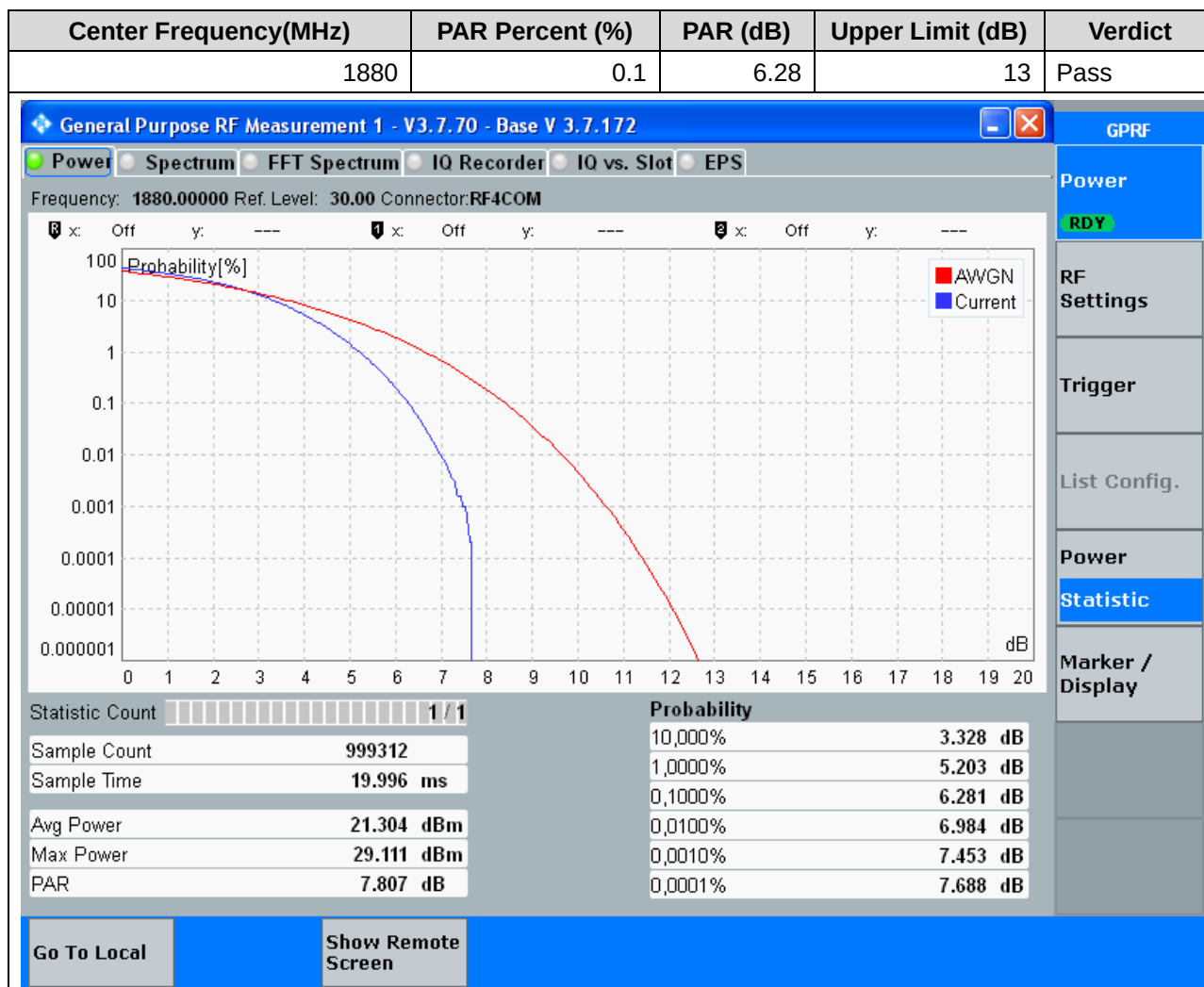
**10.17. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:17,  
Channel:18826|18997, Bandwidth:20|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



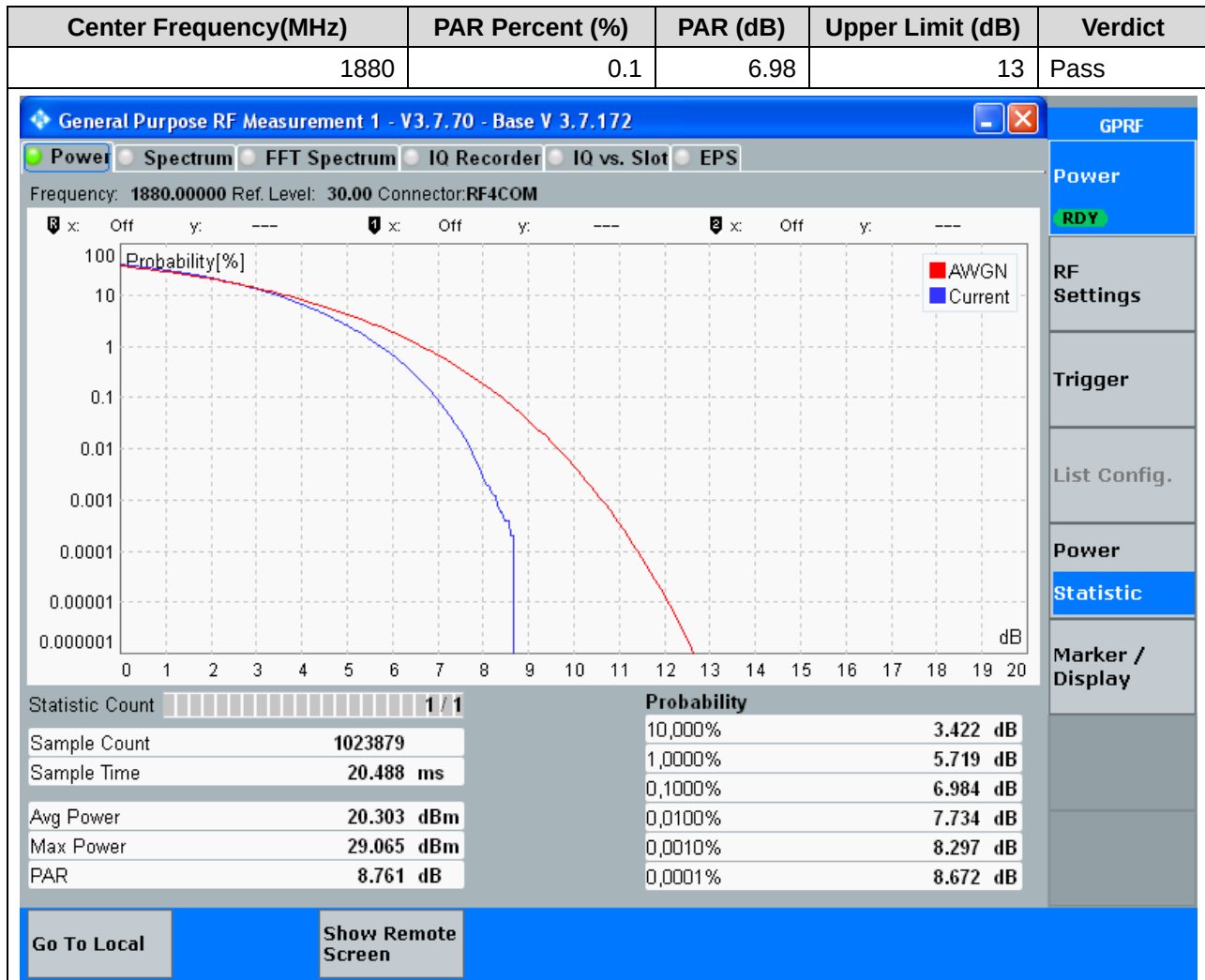
**10.18. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:18,  
Channel:18826|18997, Bandwidth:20|15MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**10.19. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:19,  
Channel:18801|18999, Bandwidth:20|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

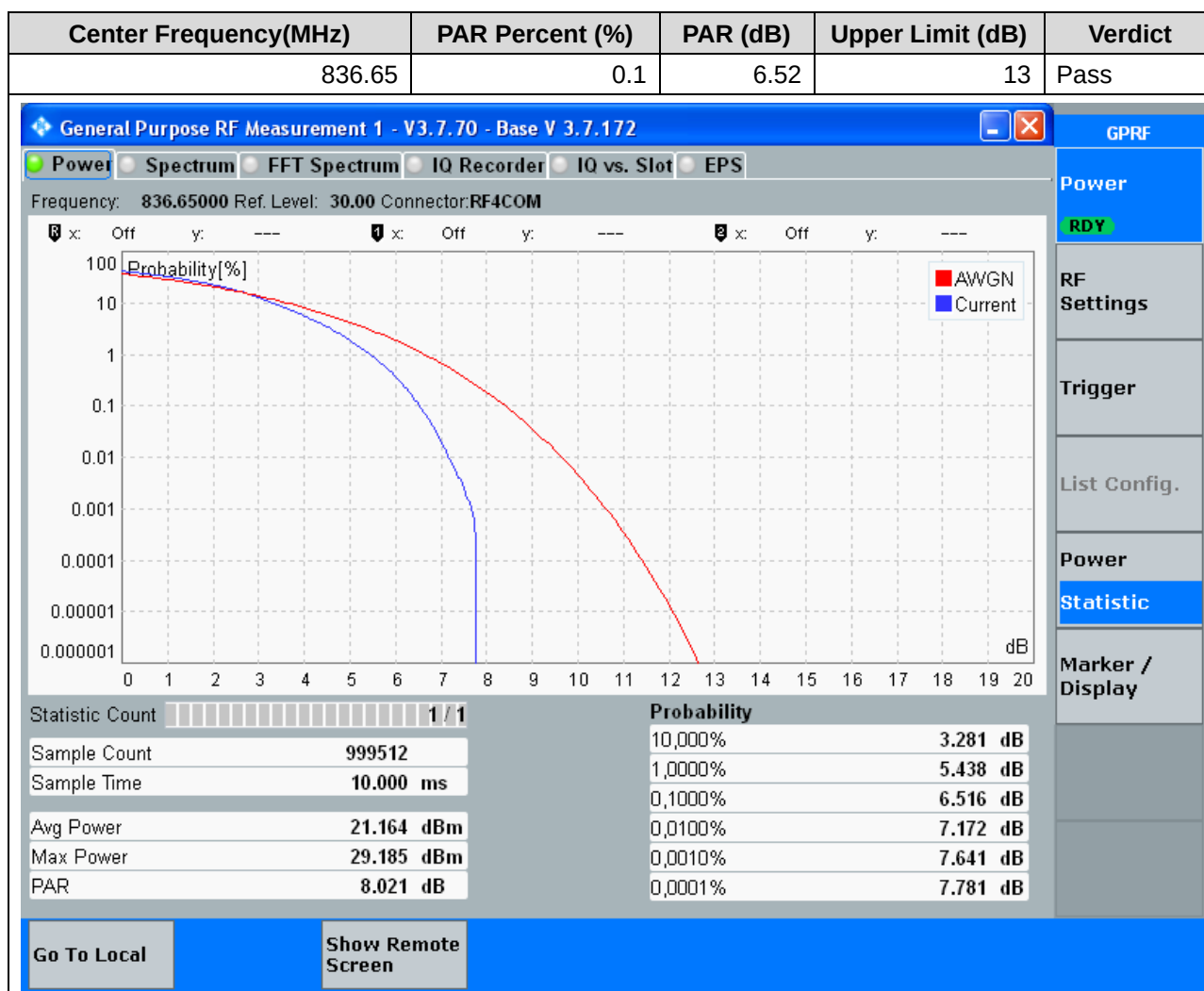


**10.20. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:20,  
Channel:18801|18999, Bandwidth:20|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**

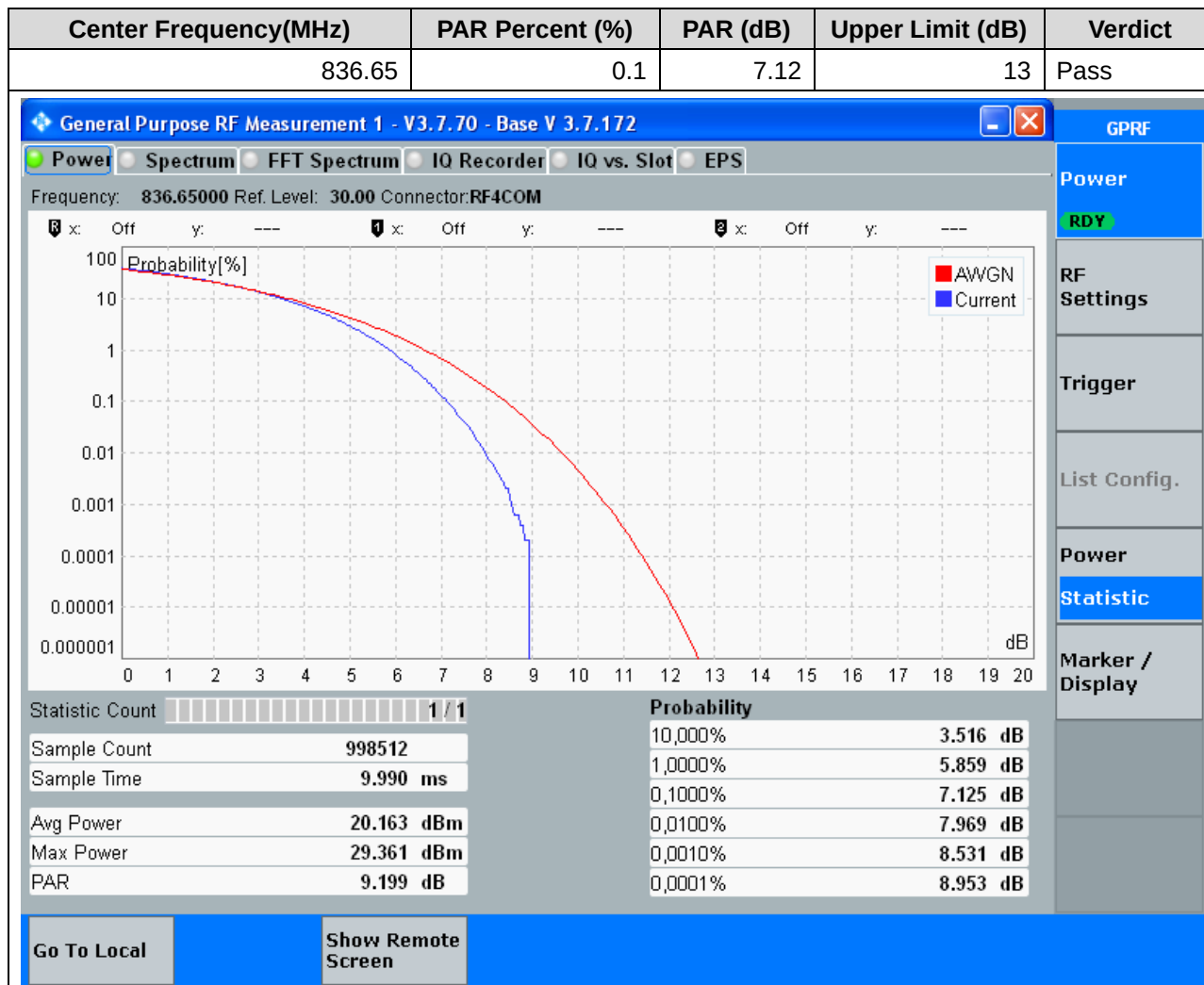


## 11. CA\_5B

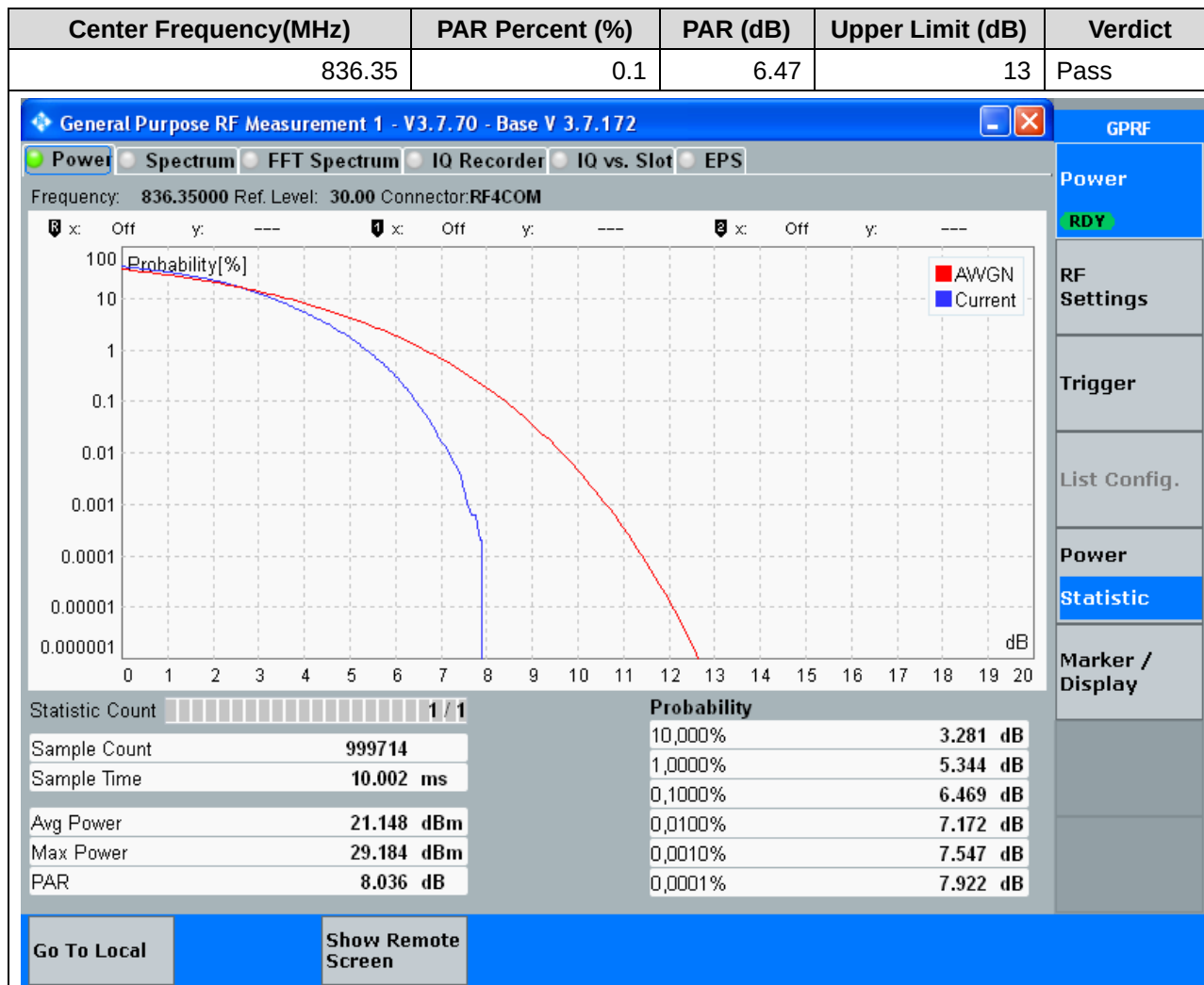
**11.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



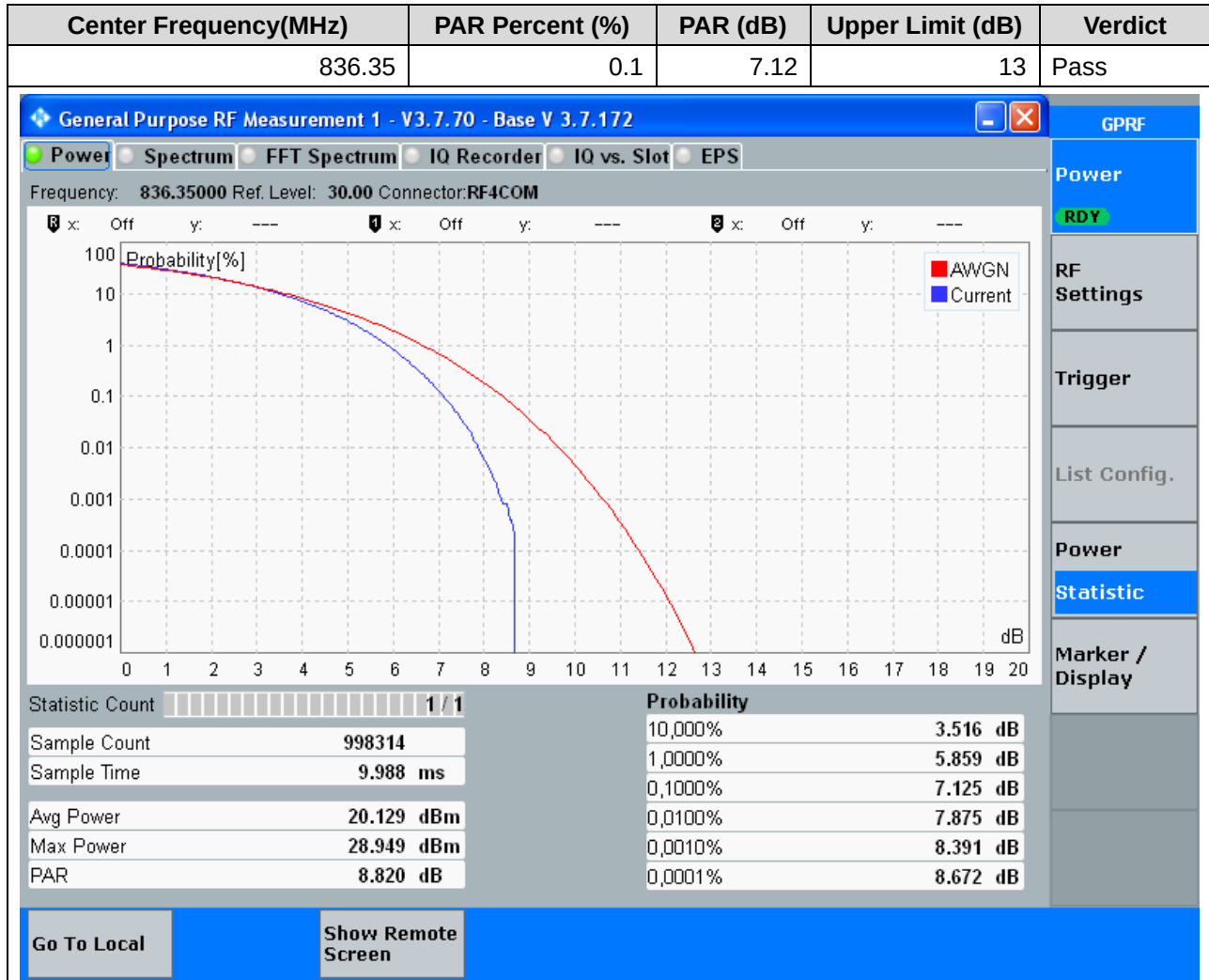
## 11.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2, Channel:20478|20550, Bandwidth:5|10MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)



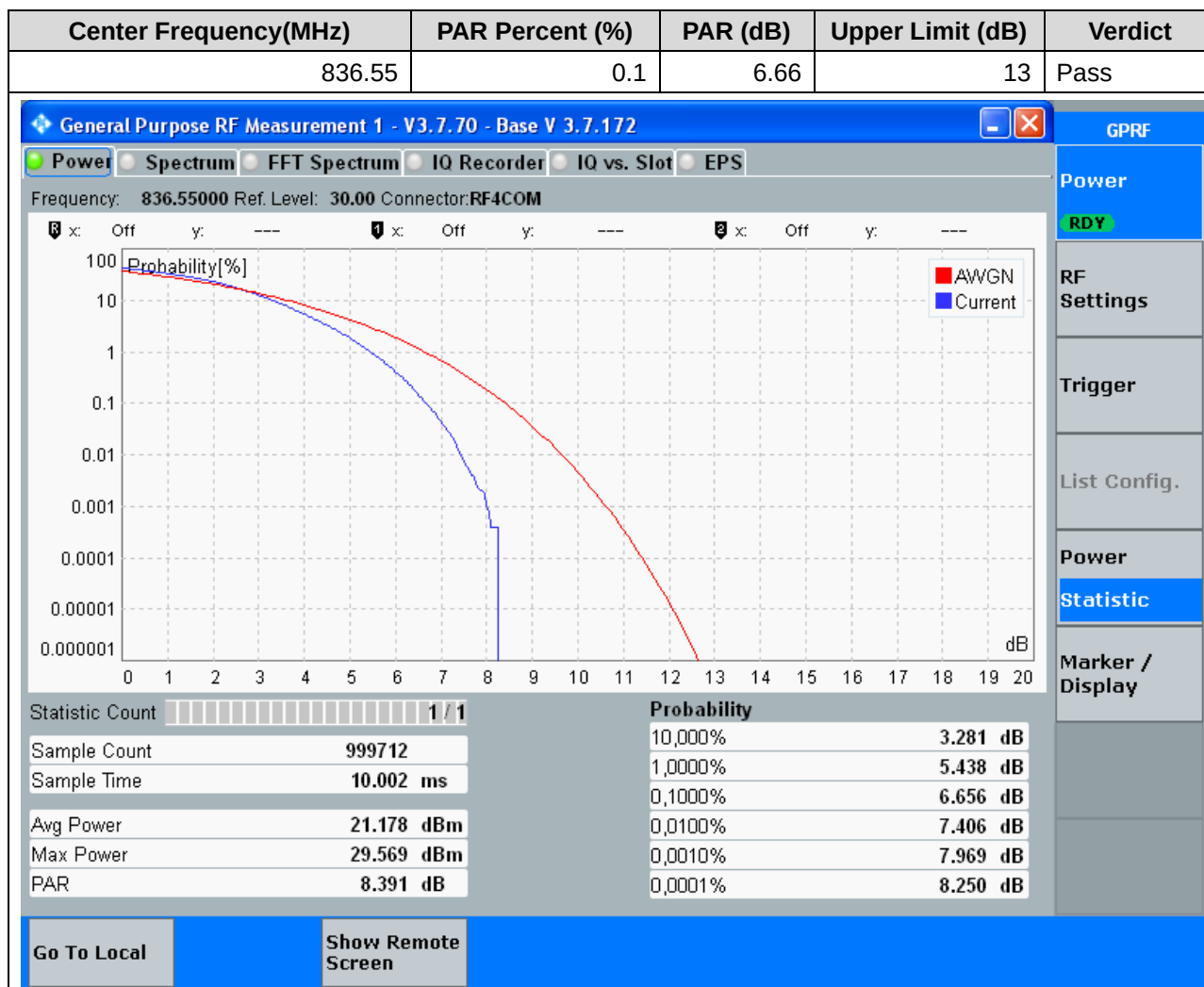
### 11.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:20500|20572, Bandwidth:10|5MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)



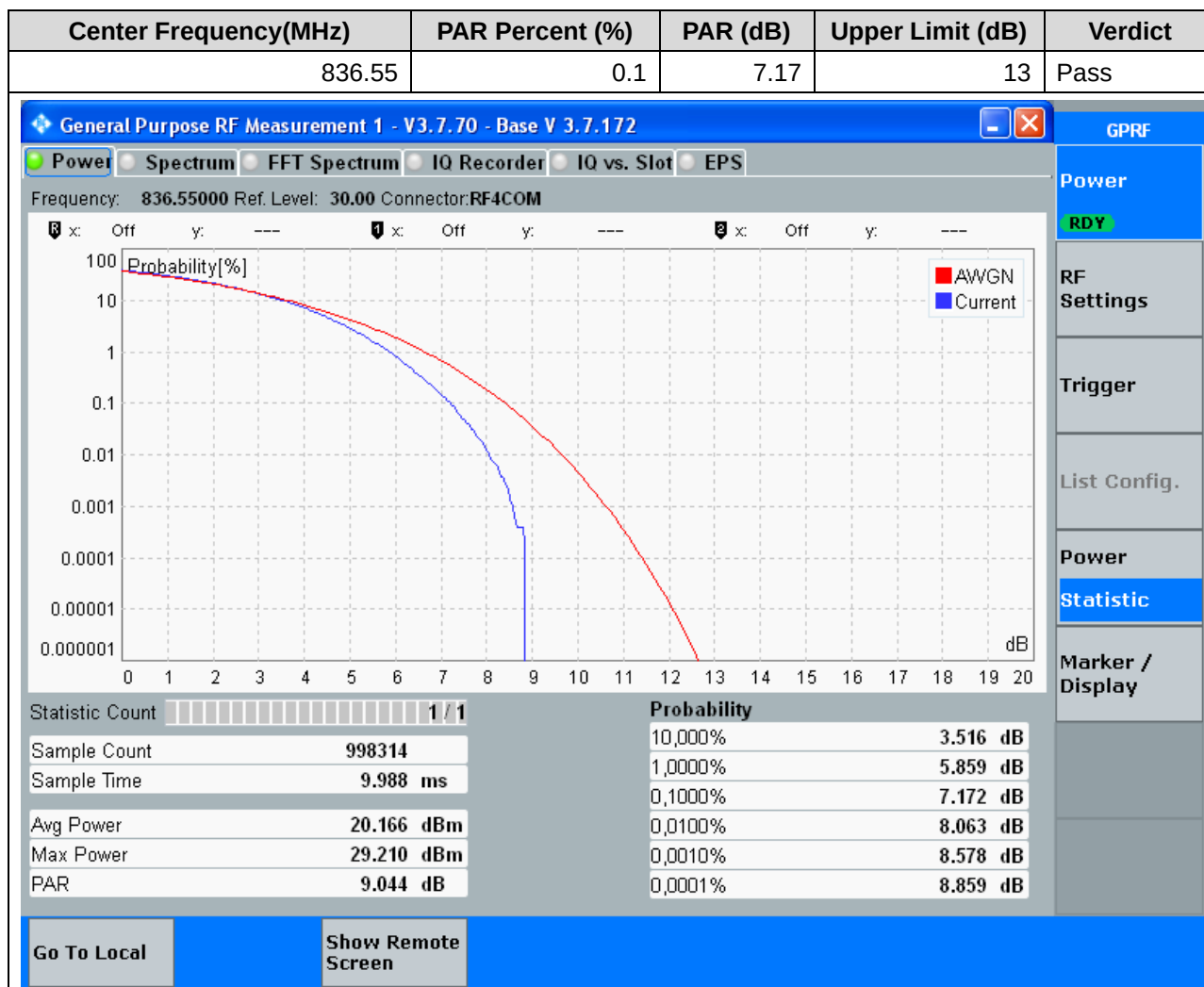
**11.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:20500|20572, Bandwidth:10|5MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**11.5. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5,  
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

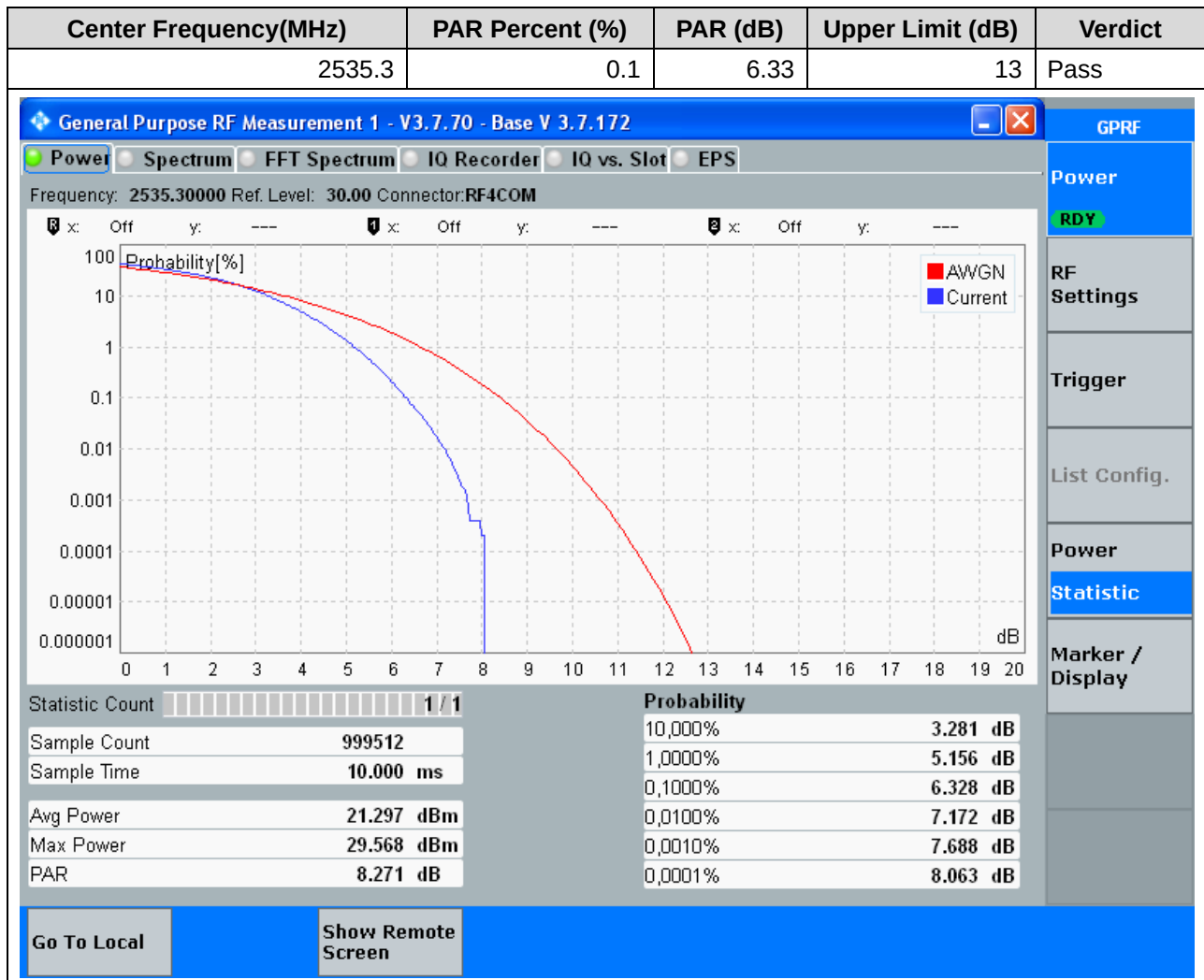


**11.6. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6,  
Channel:20476|20575, Bandwidth:10|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**

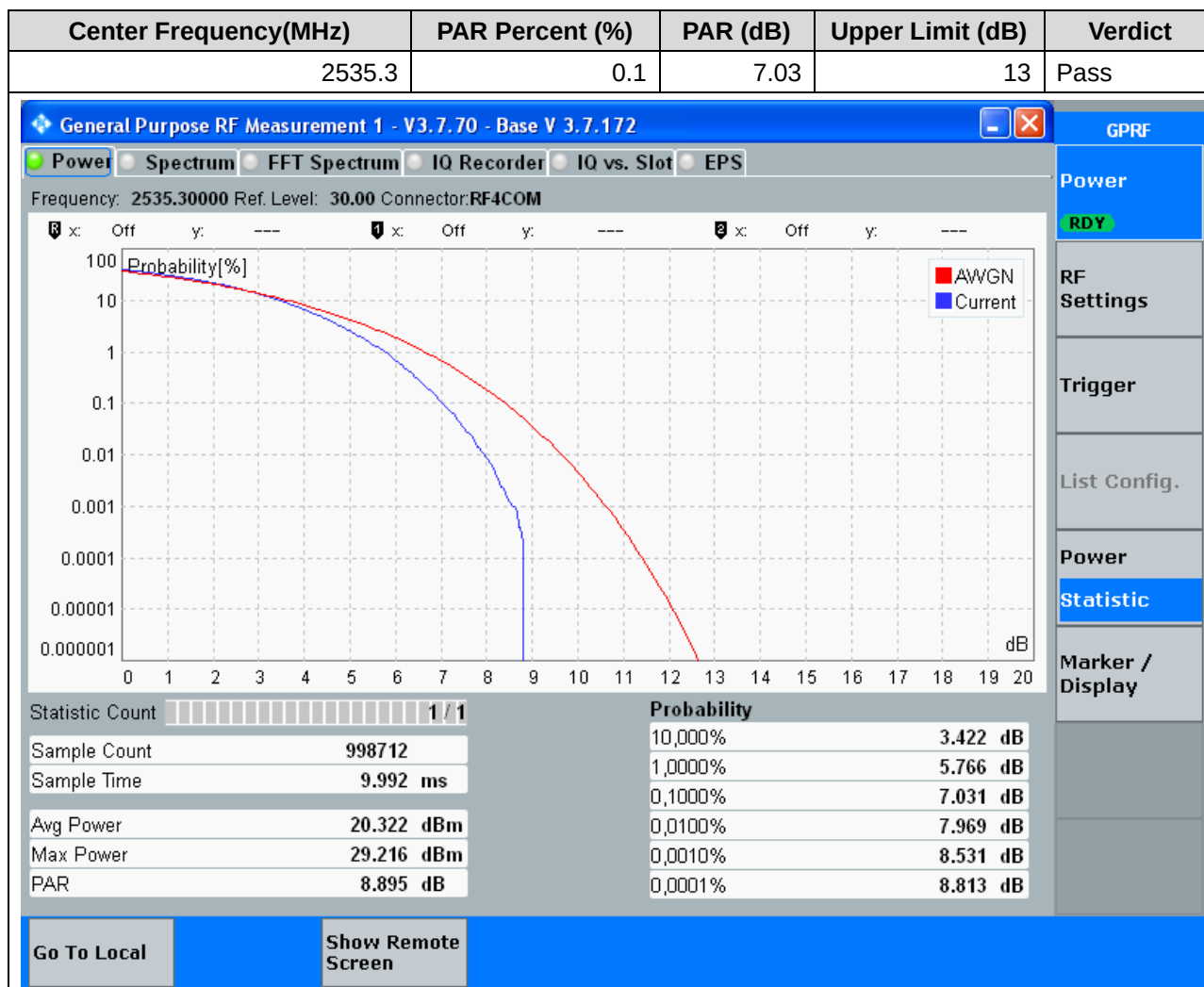


## 12. CA\_7C

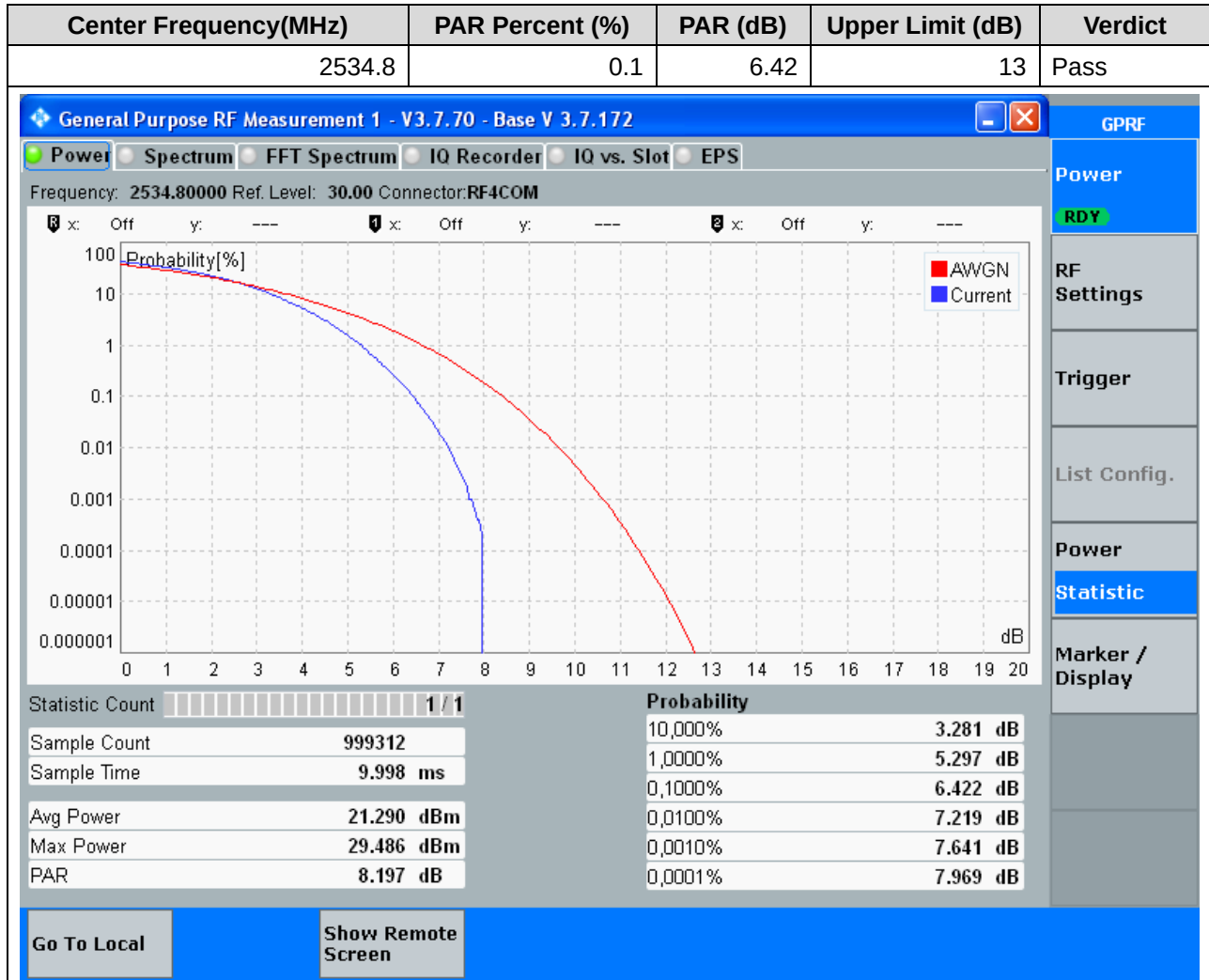
**12.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:21006|21150, Bandwidth:10|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



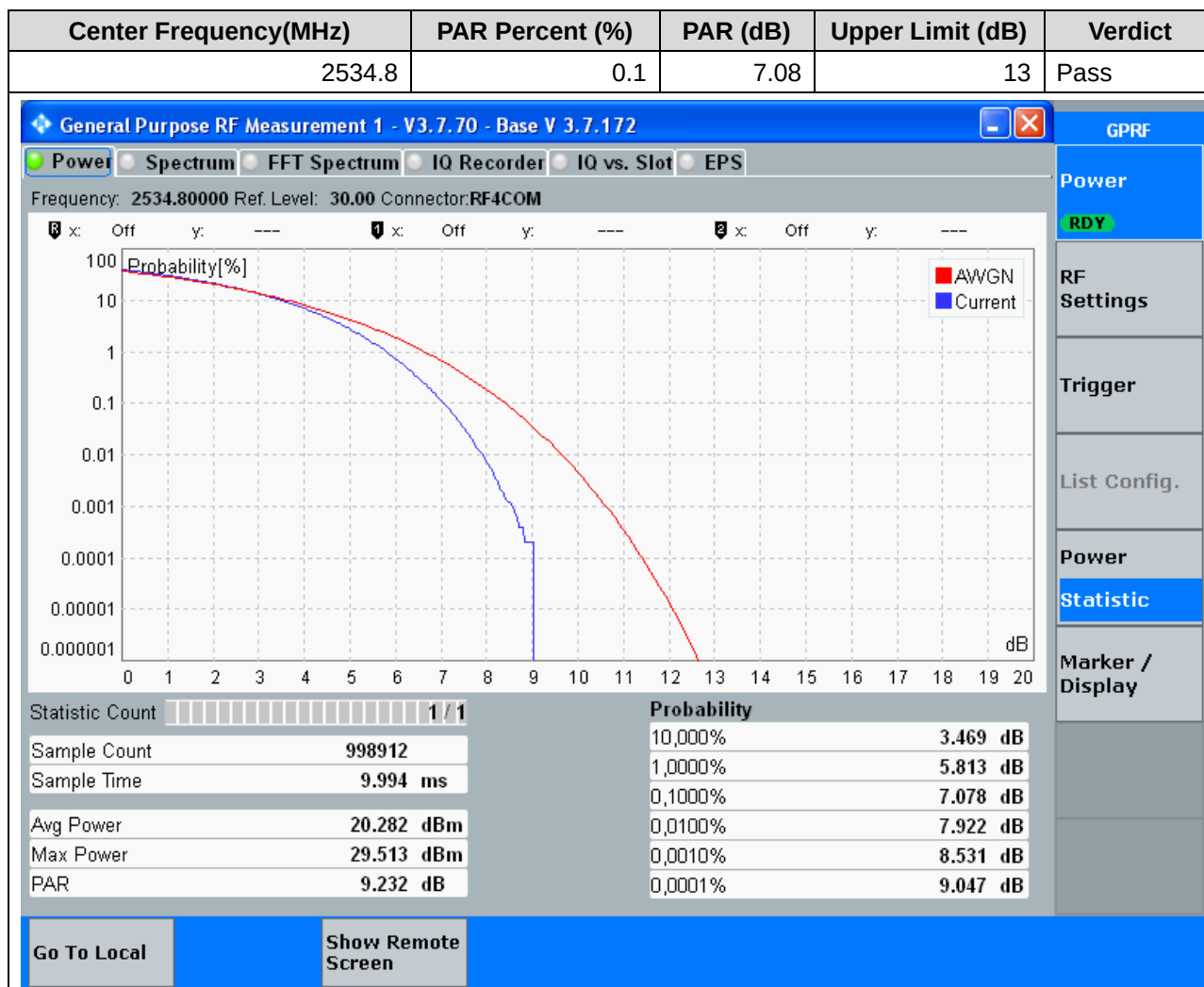
**12.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2,  
Channel:21006|21150, Bandwidth:10|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



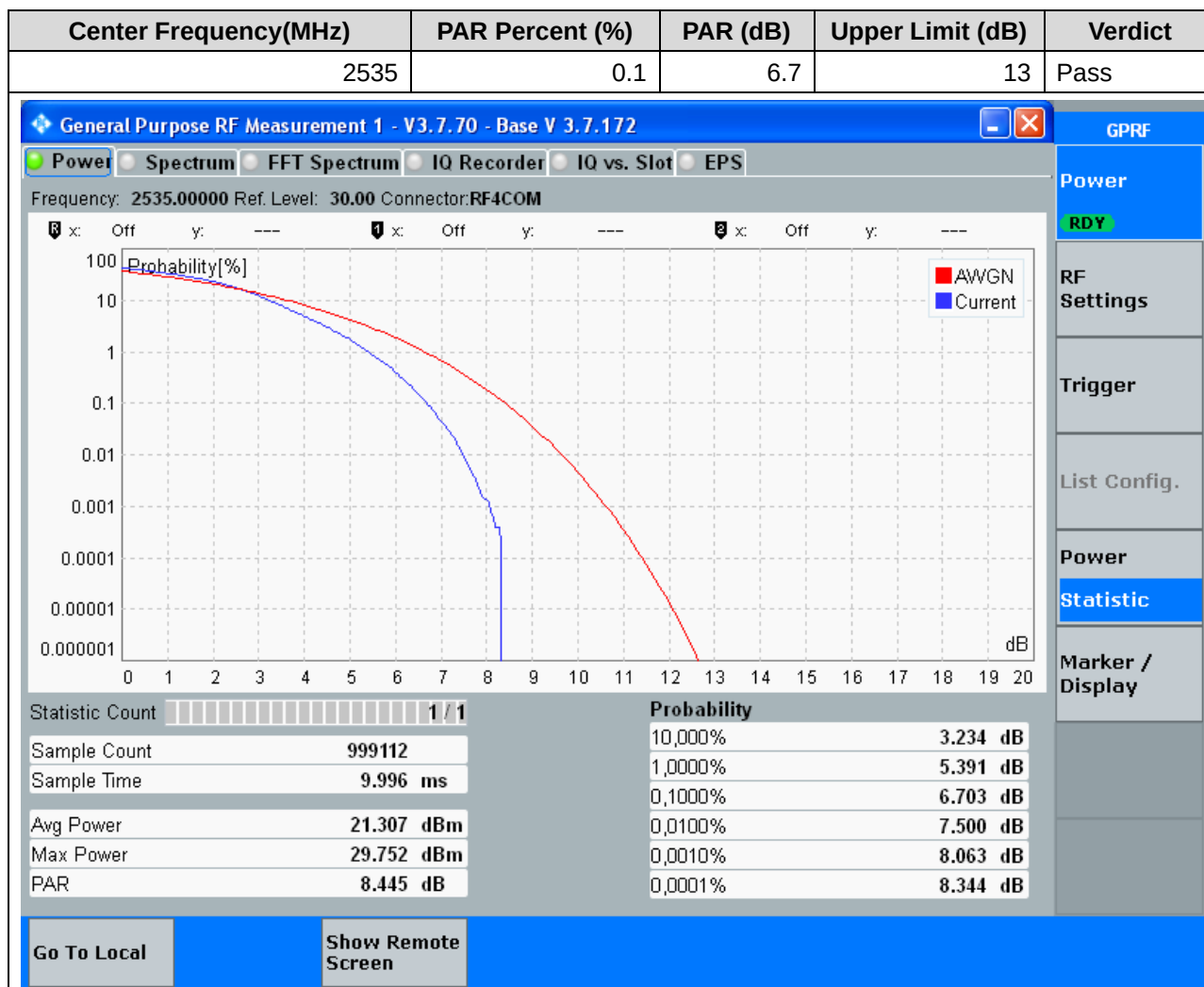
**12.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3,  
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



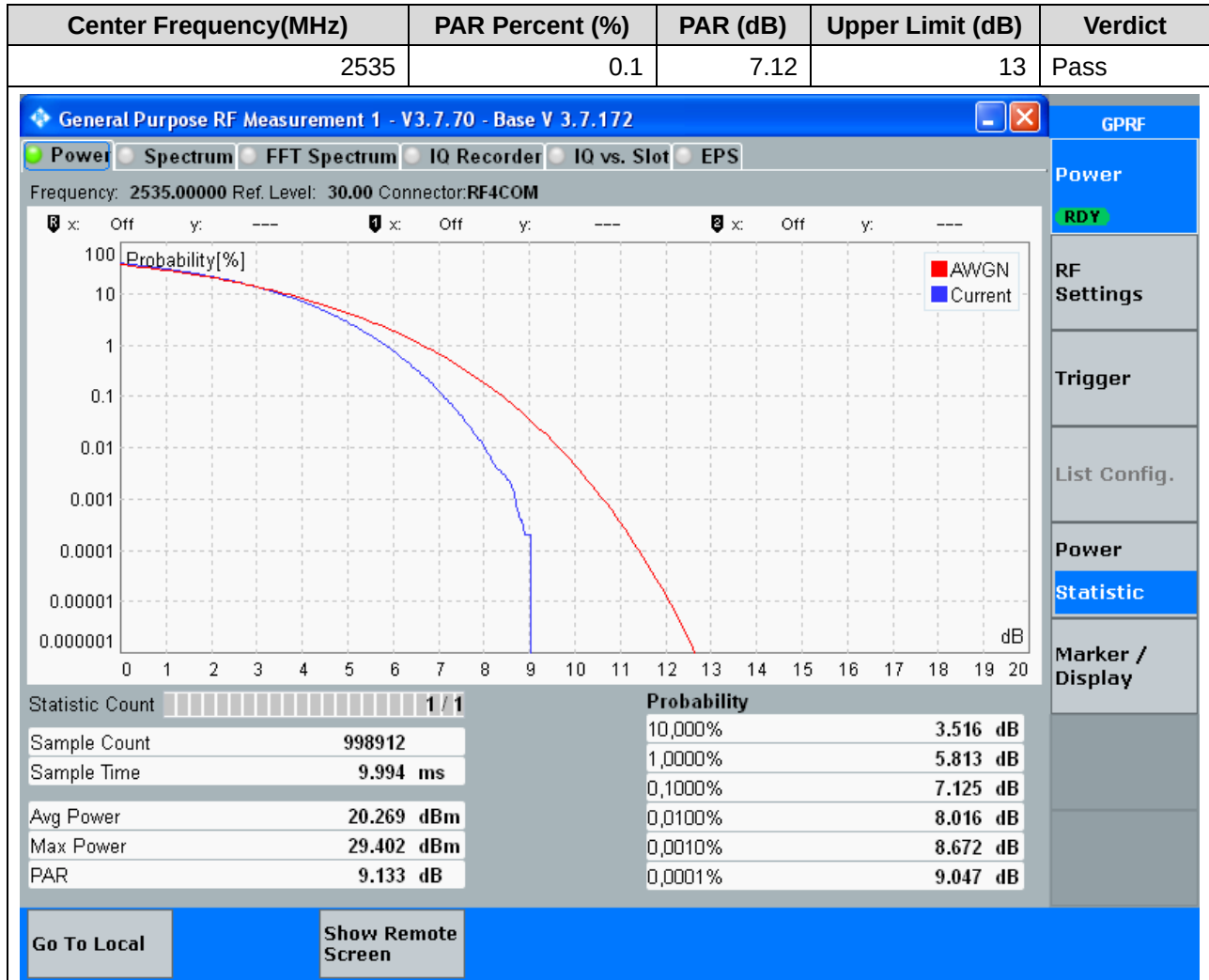
**12.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:21051|21195, Bandwidth:20|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



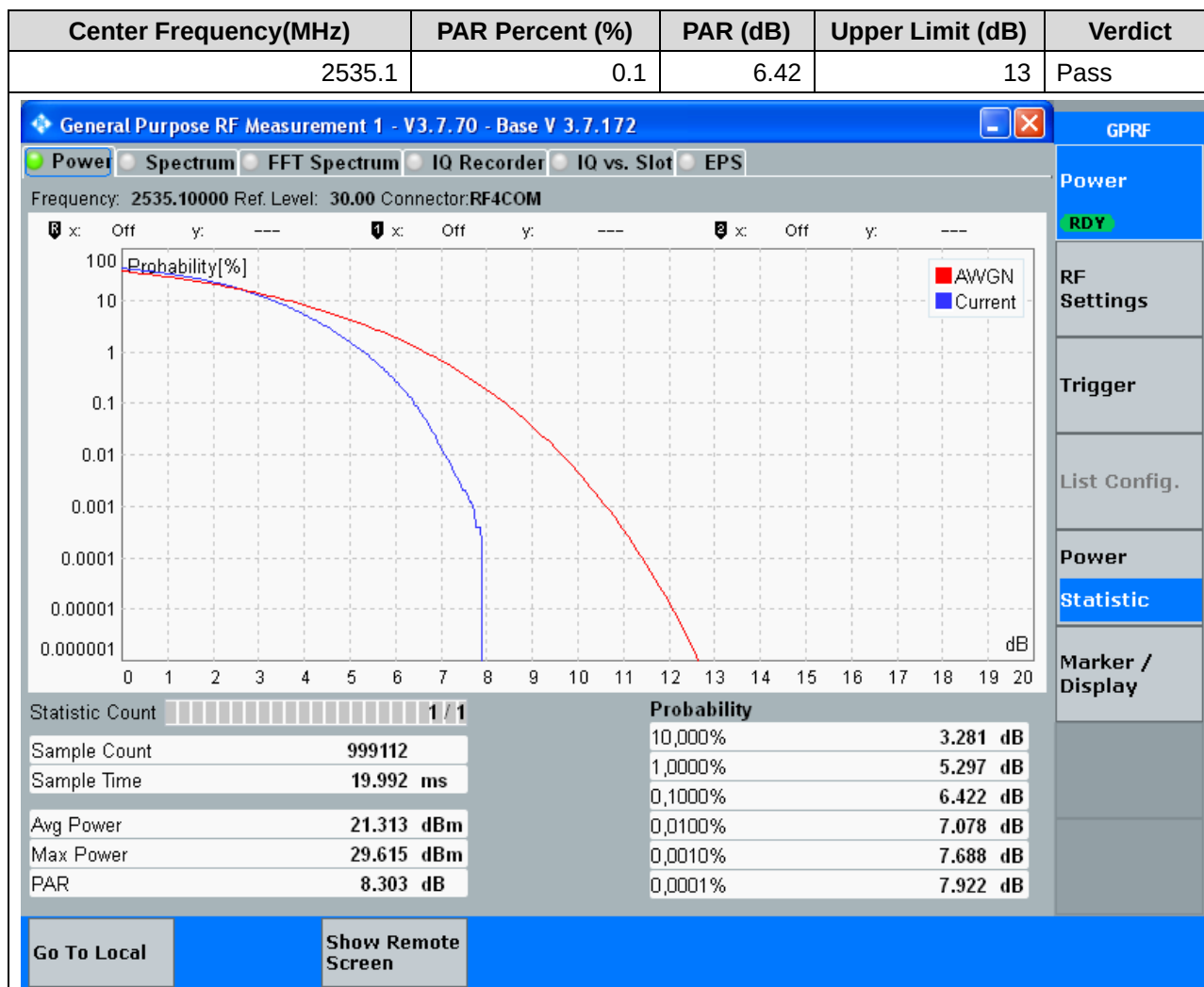
**12.5. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5,  
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



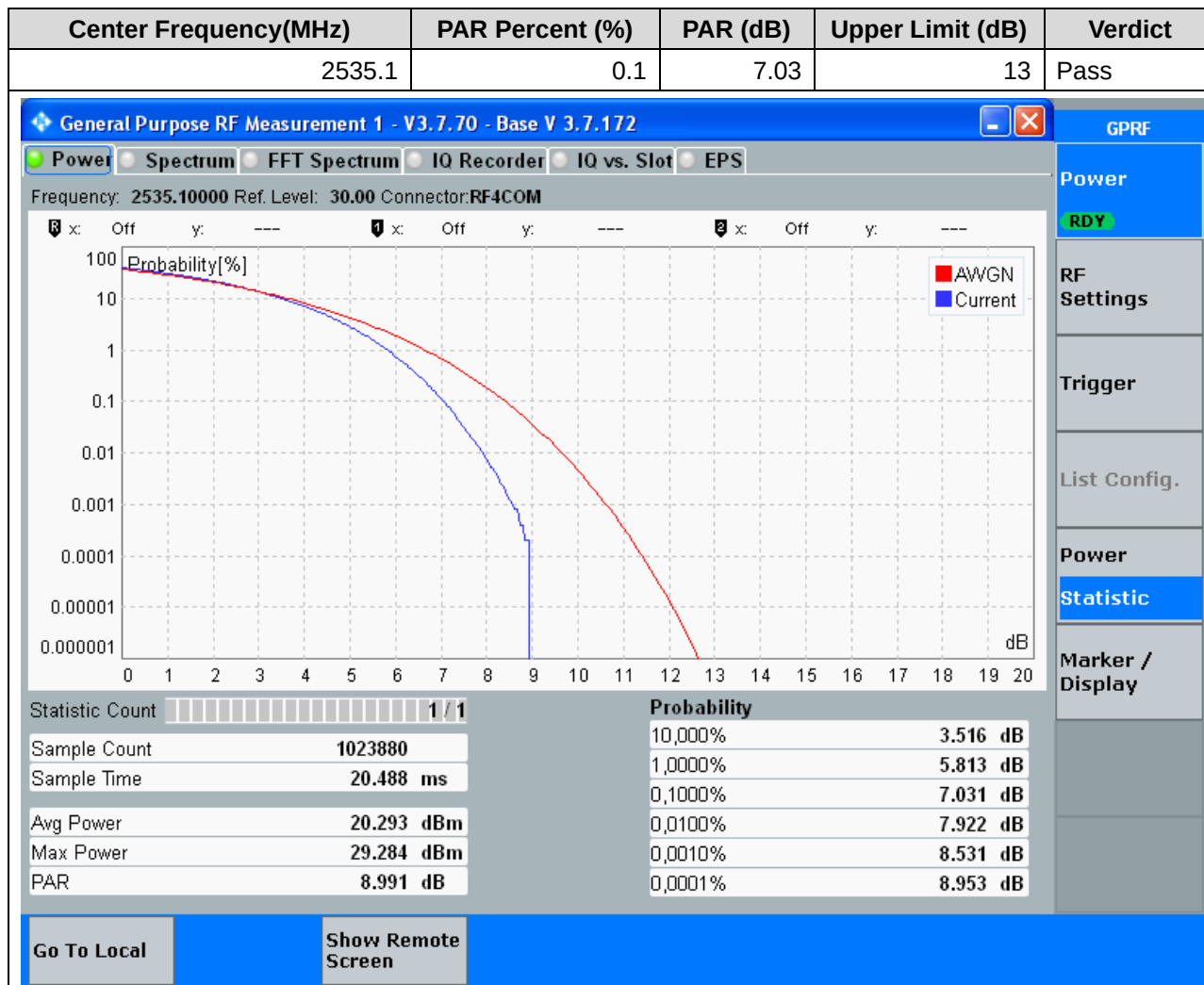
**12.6. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6,  
Channel:21025|21175, Bandwidth:15|15MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



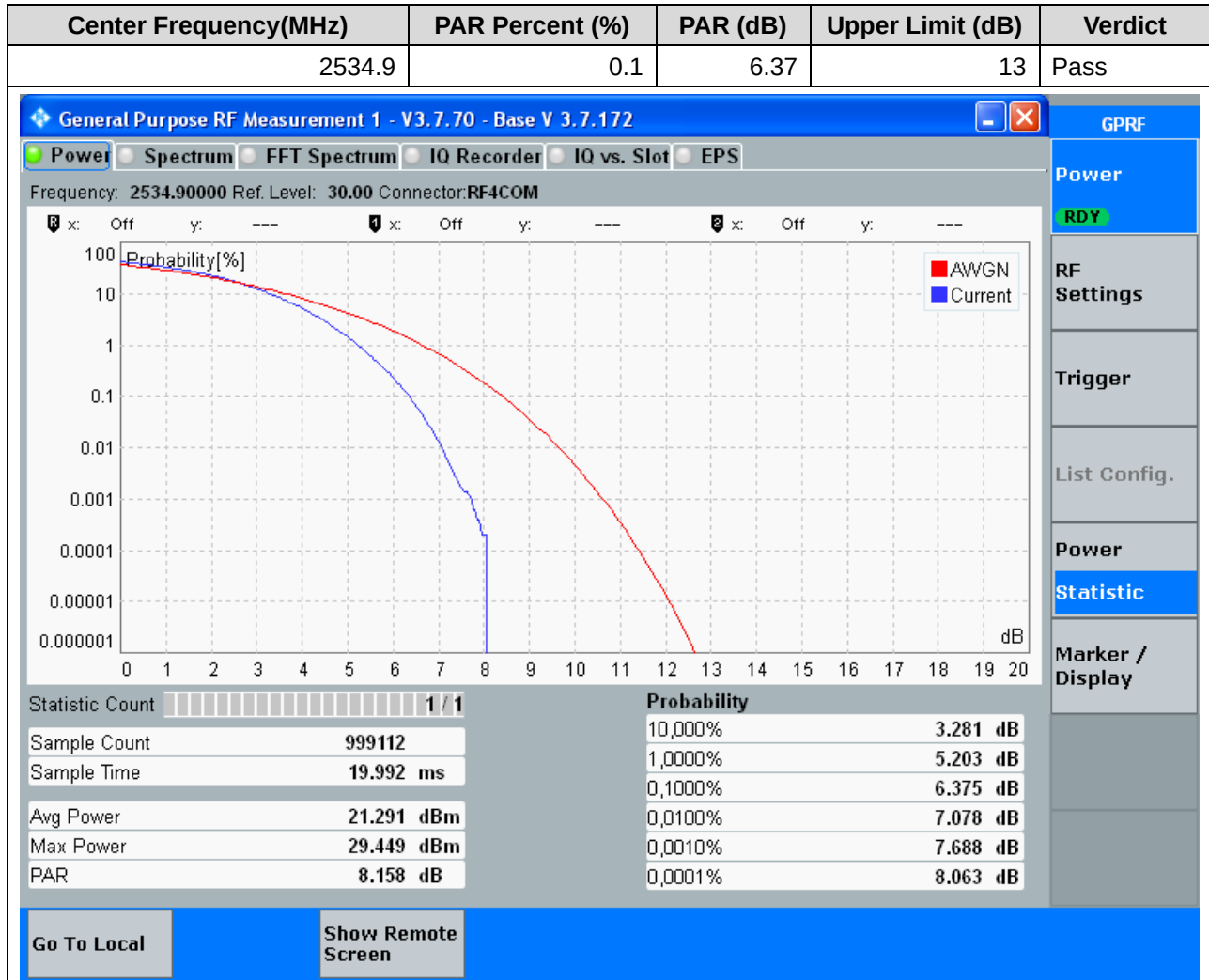
**12.7. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7,  
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



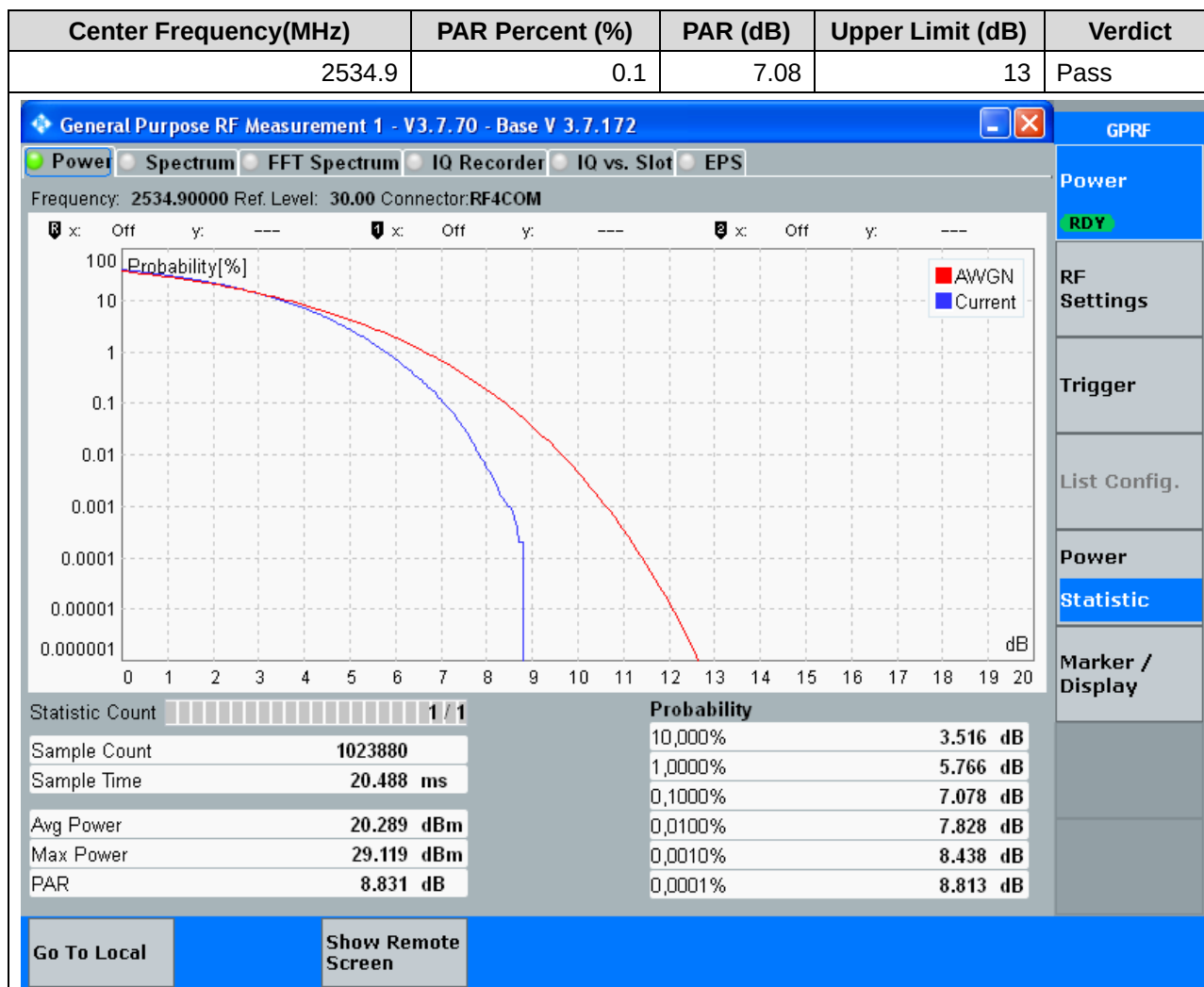
**12.8. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8,  
Channel:21003|21174, Bandwidth:15|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



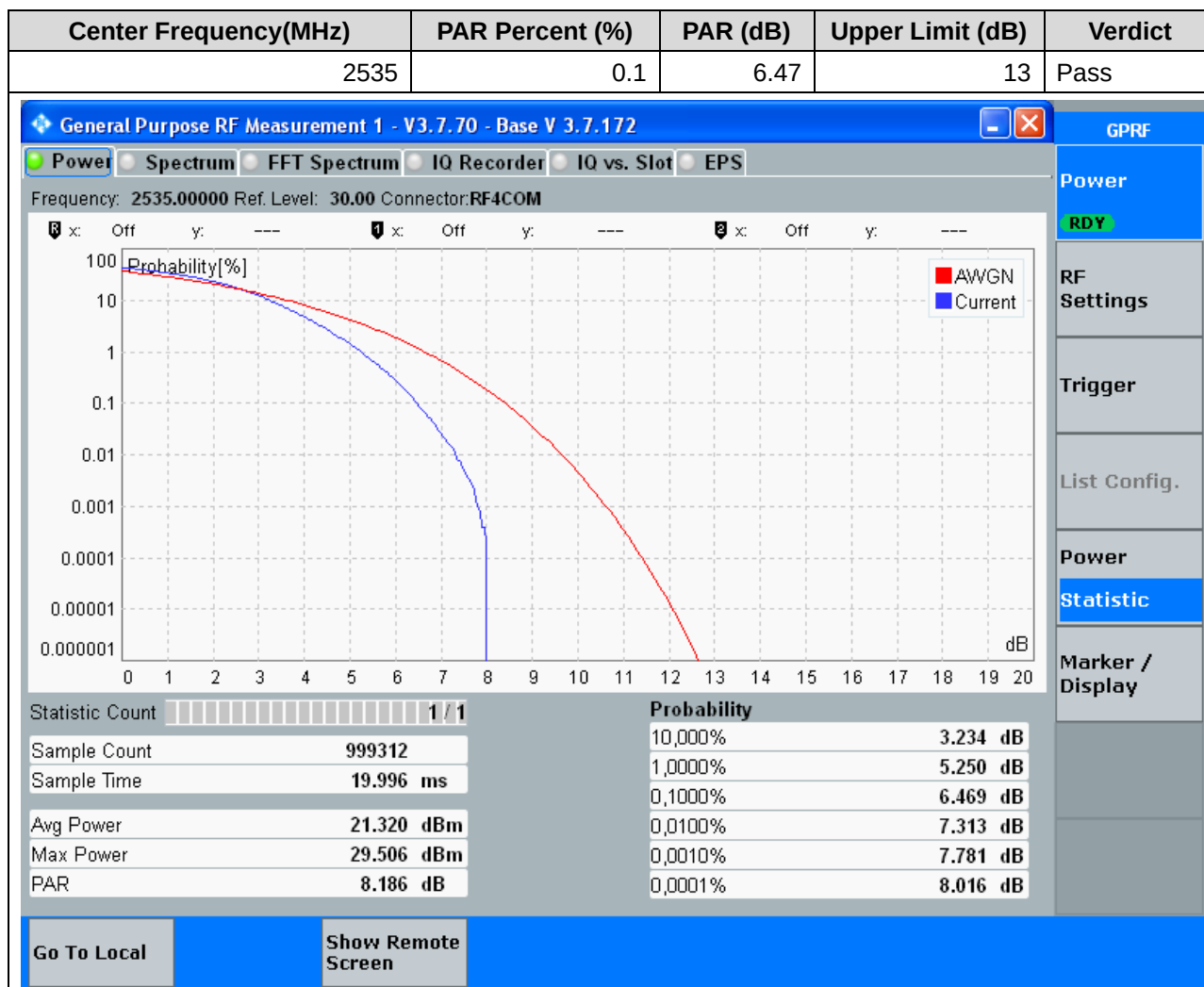
**12.9. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9,  
Channel:21026|21197, Bandwidth:20|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



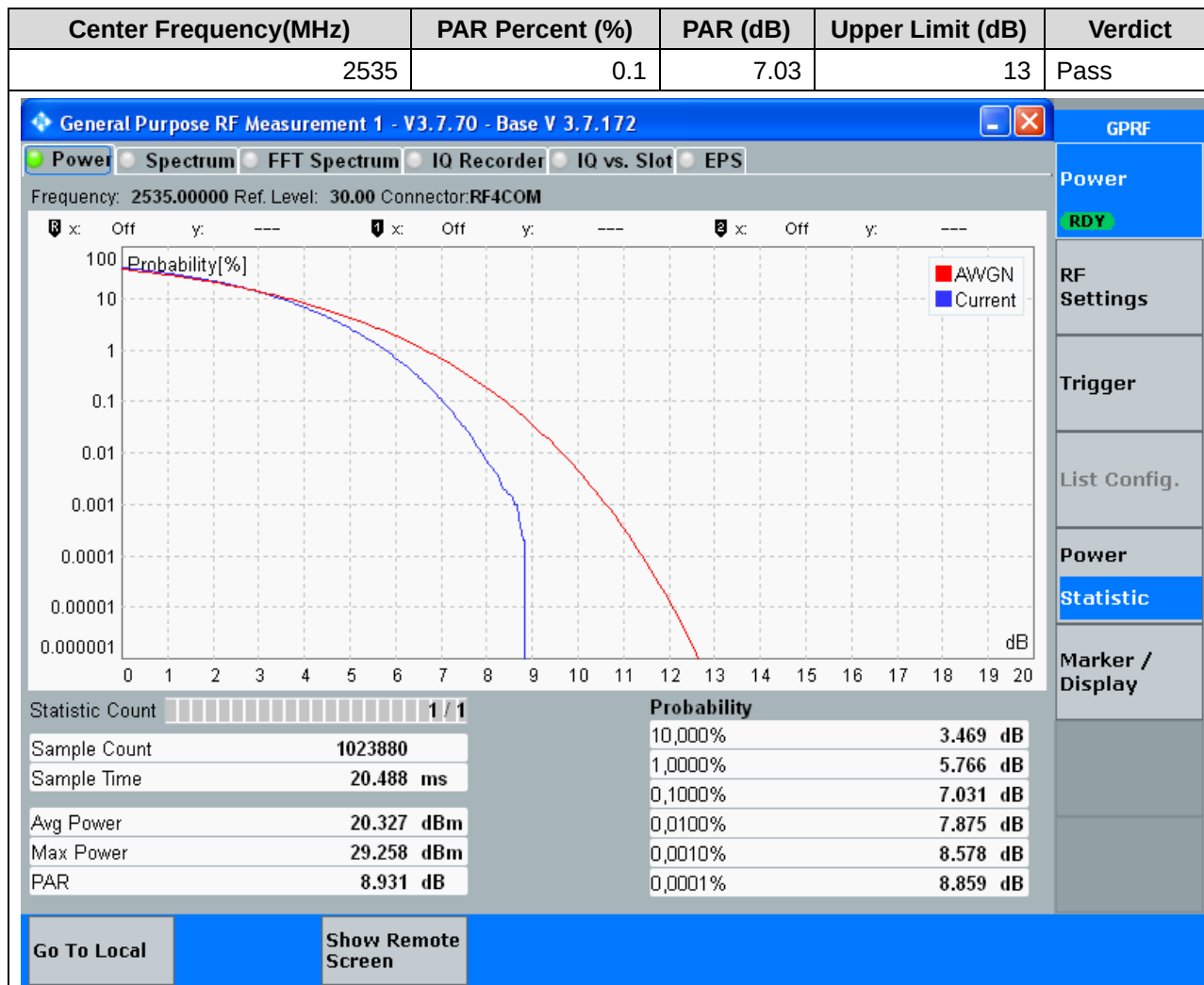
**12.10. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:21026|21197, Bandwidth:20|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



**12.11. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11,  
Channel:21001|21199, Bandwidth:20|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**

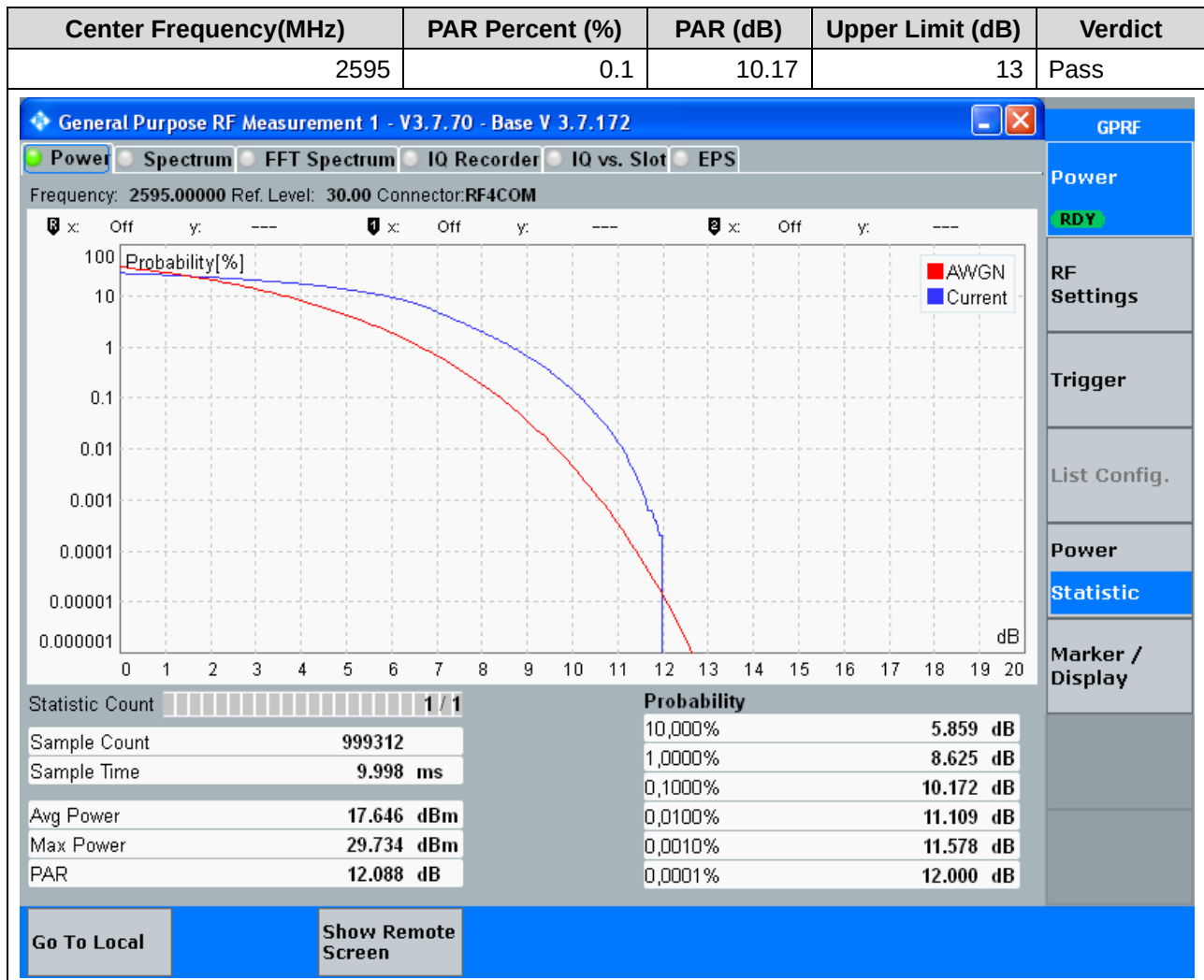


**12.12. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12, Channel:21001|21199, Bandwidth:20|20MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

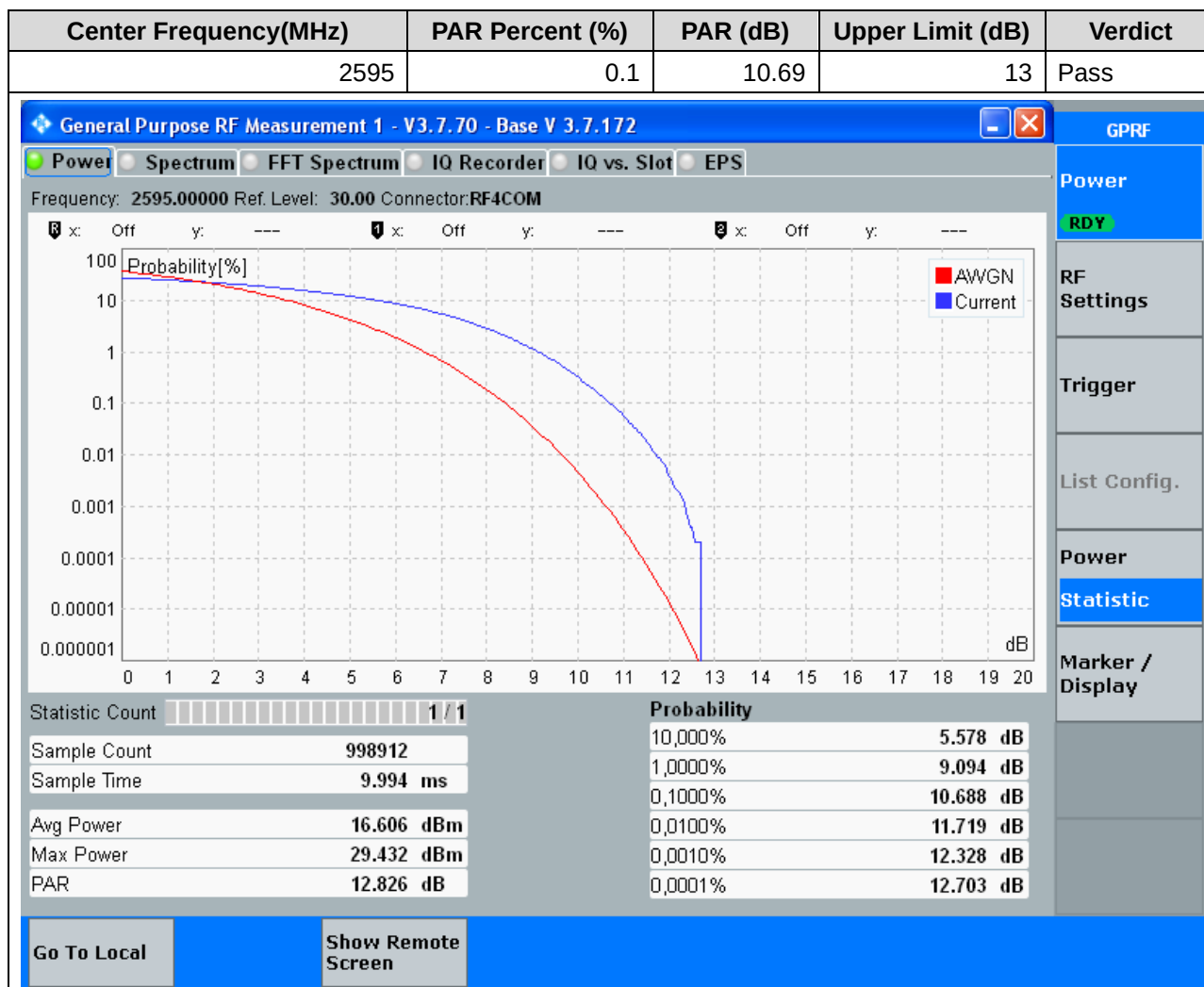


## 13. CA\_38C

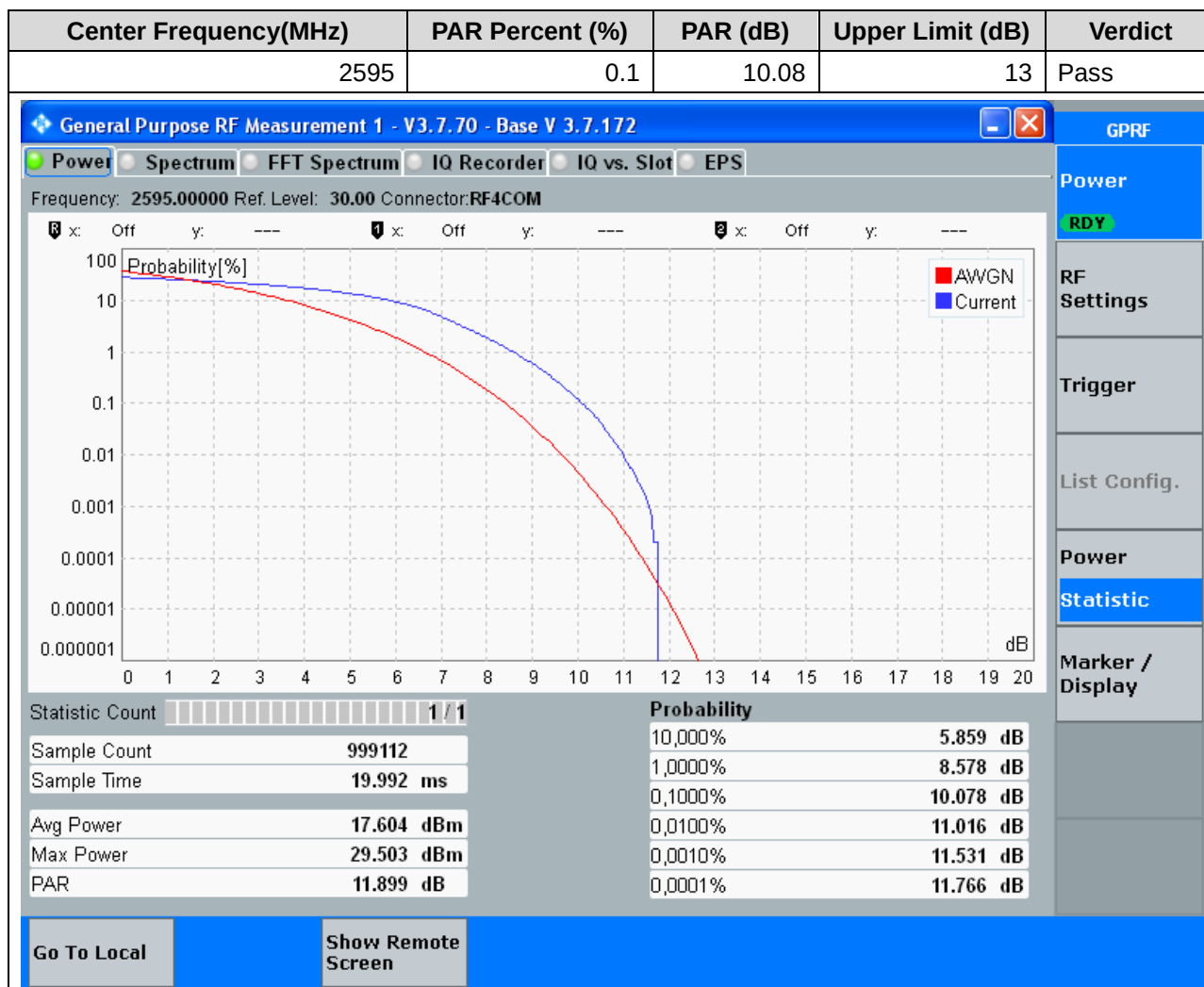
**13.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1, Channel:37925|38075, Bandwidth:15|15MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**



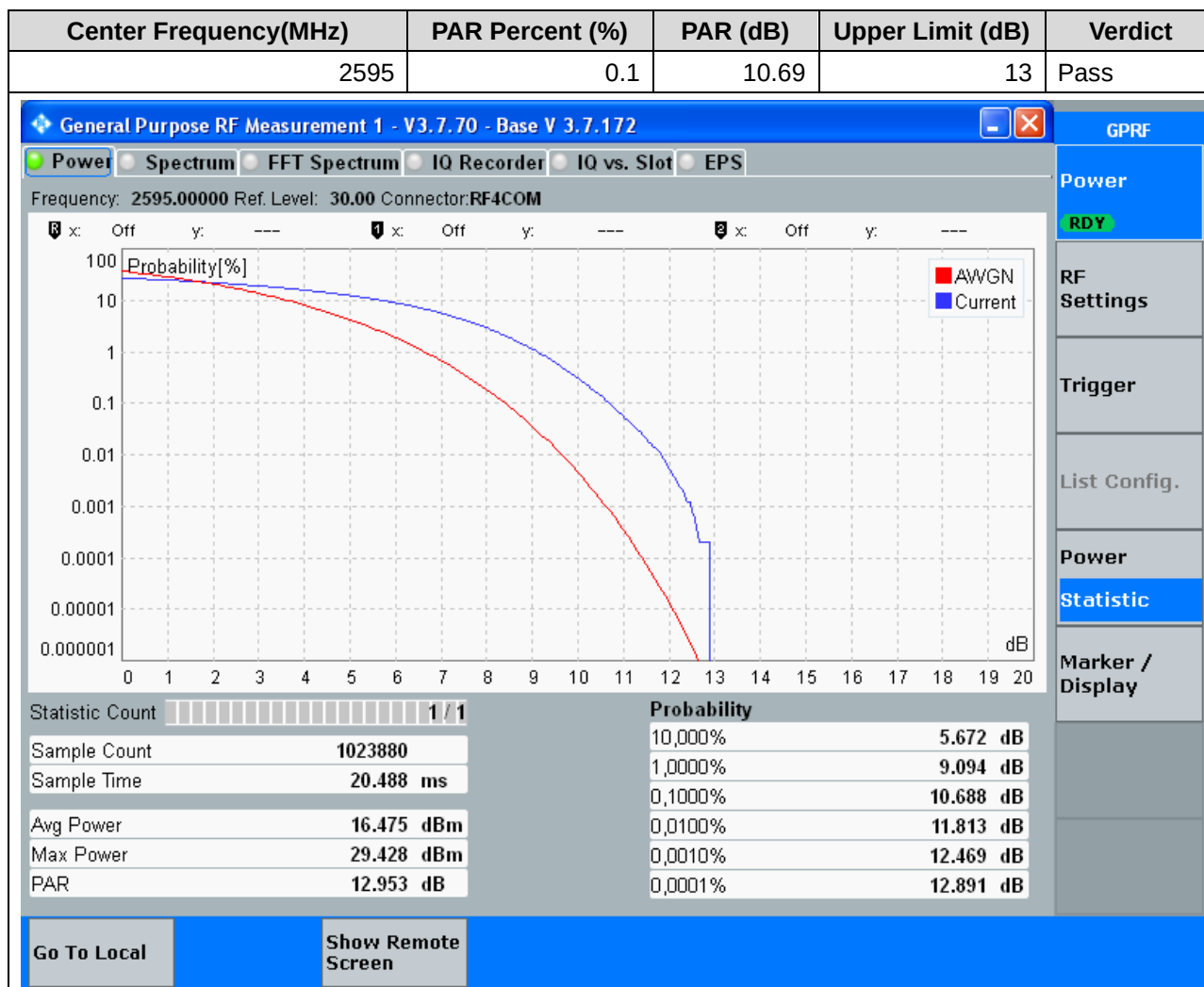
**13.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2,  
Channel:37925|38075, Bandwidth:15|15MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



### 13.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3, Channel:37901|38099, Bandwidth:20|20MHz, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

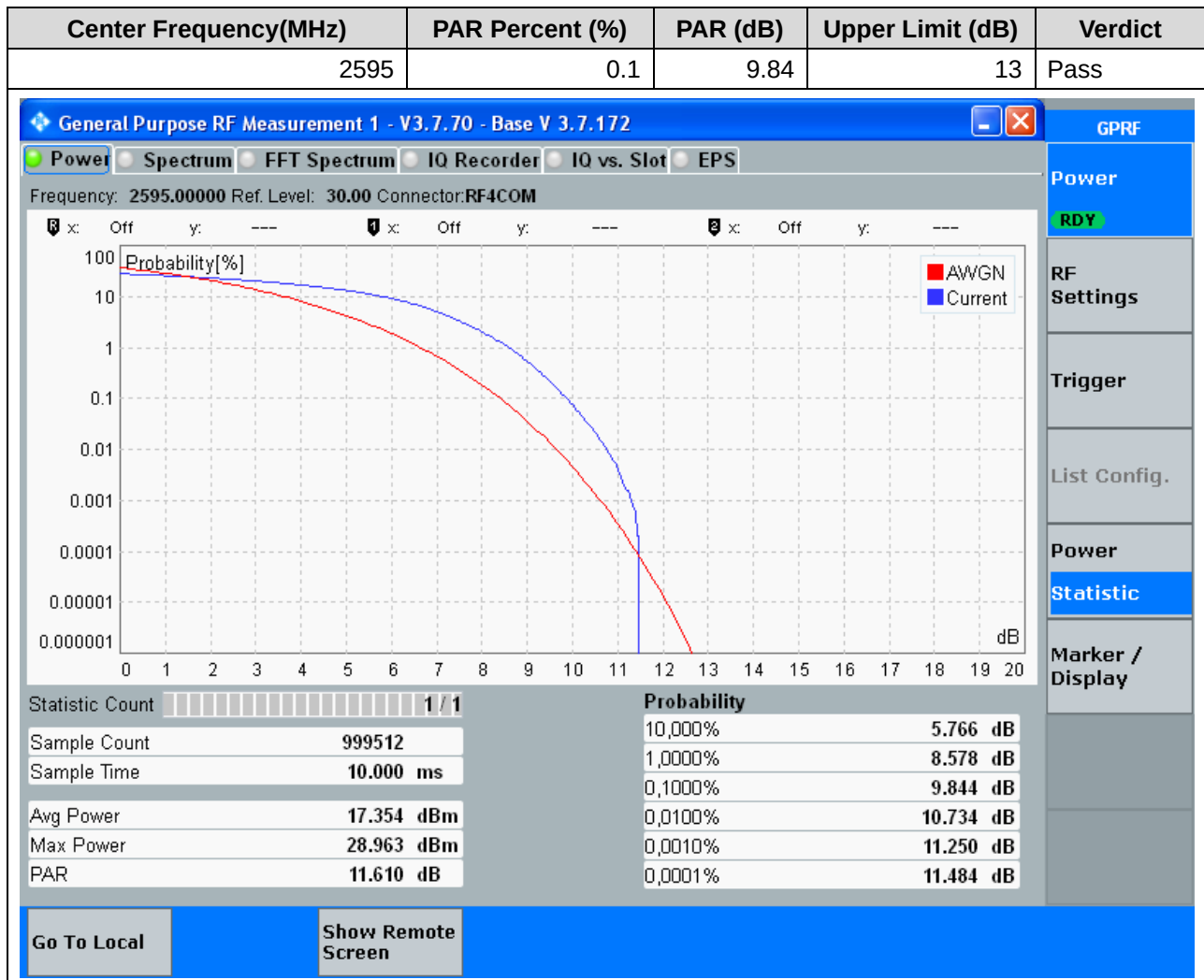


**13.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:37901|38099, Bandwidth:20|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**

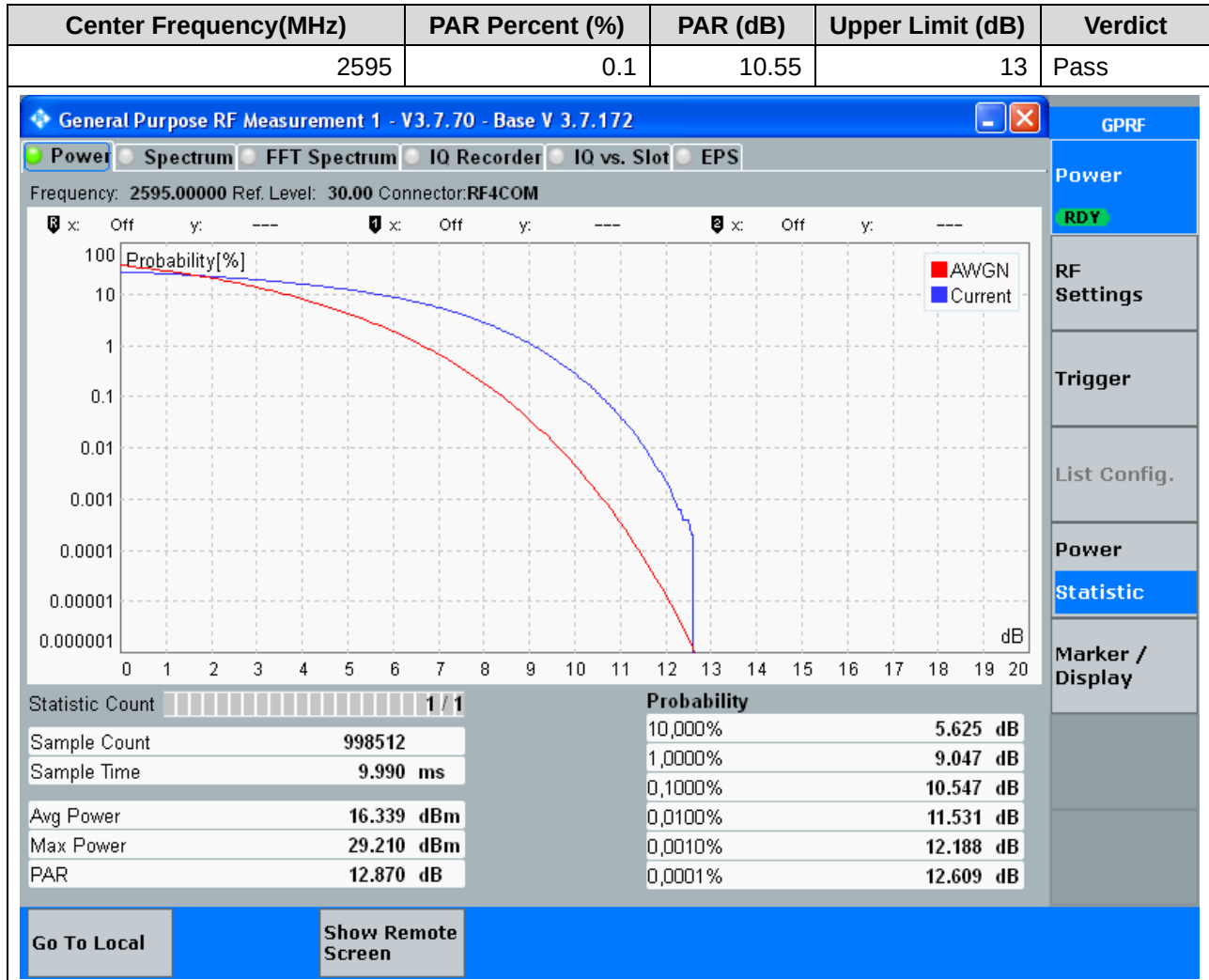


## 14. CA\_41C\_2535-2655

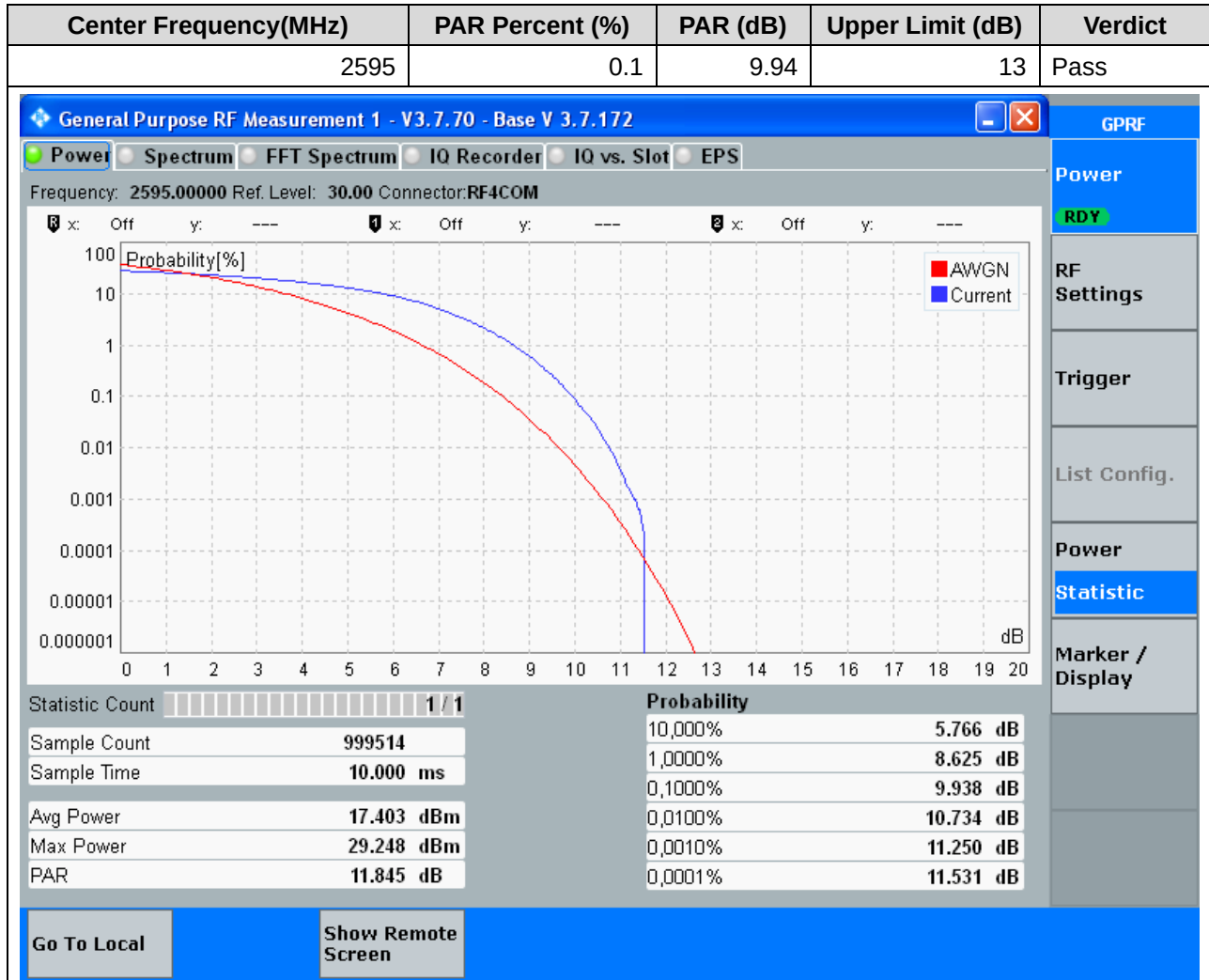
14.1. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:1,  
Channel:40544|40661, Bandwidth:5|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)



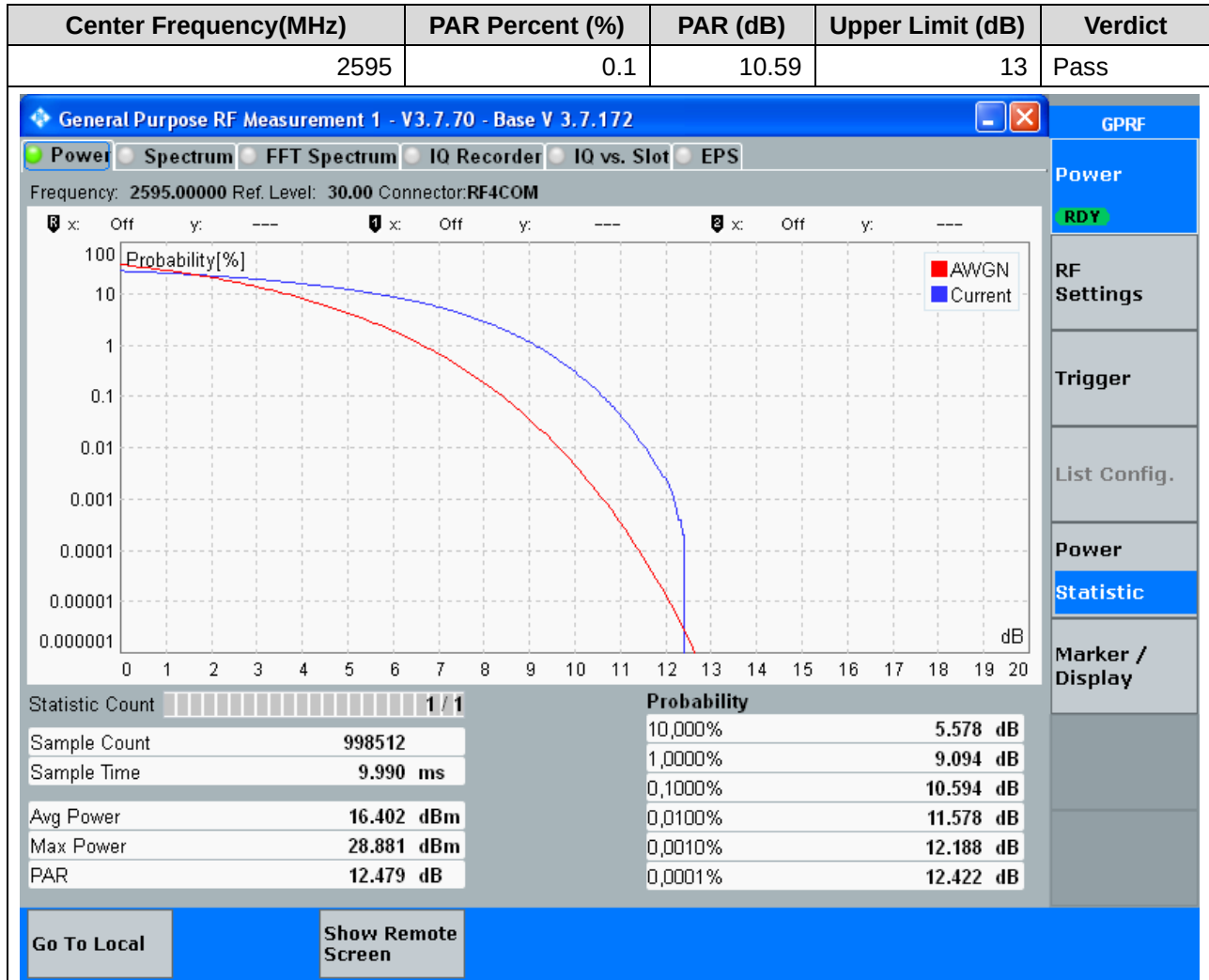
**14.2. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:2,  
Channel:40544|40661, Bandwidth:5|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



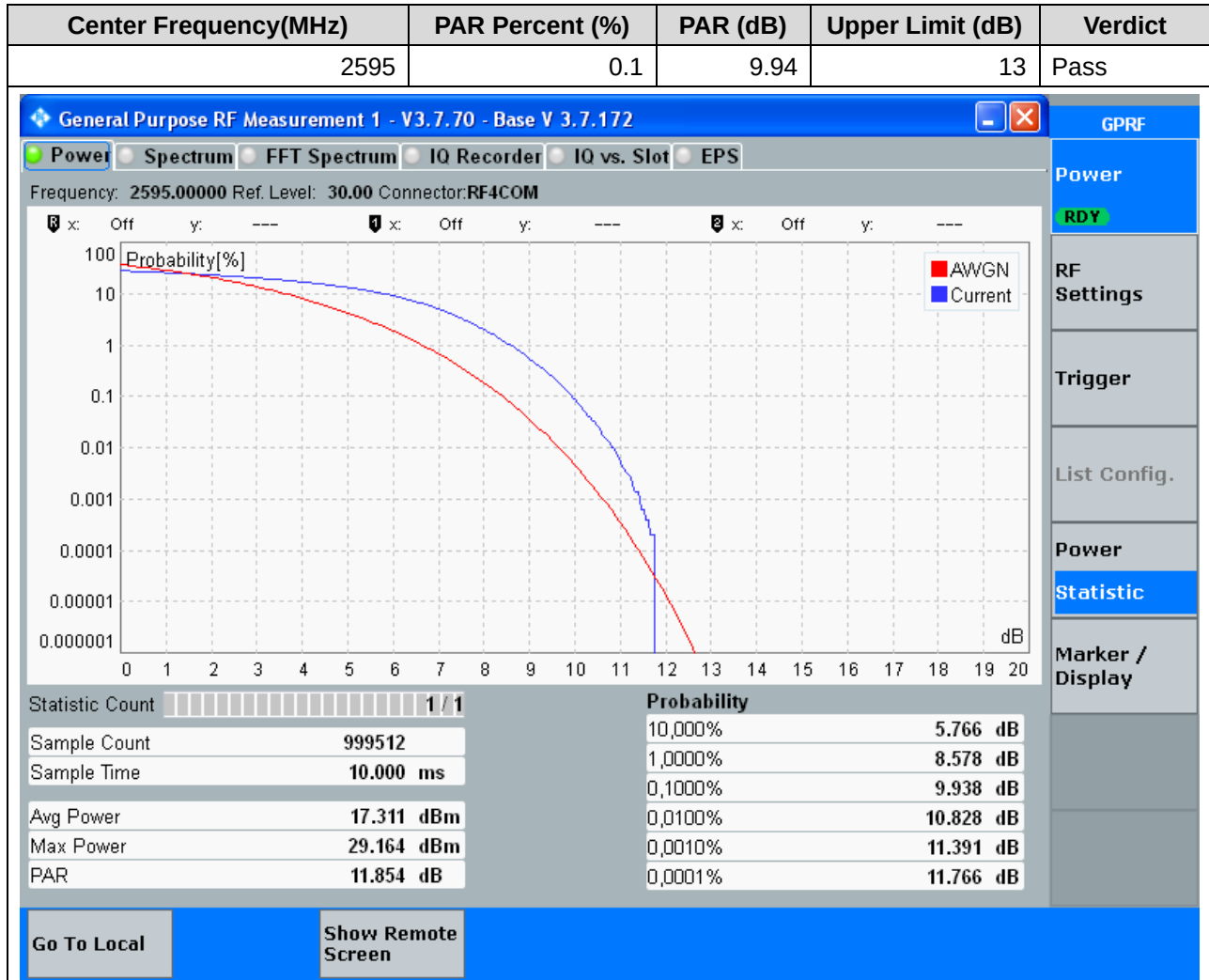
**14.3. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:3,  
Channel:40619|40736, Bandwidth:20|5MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



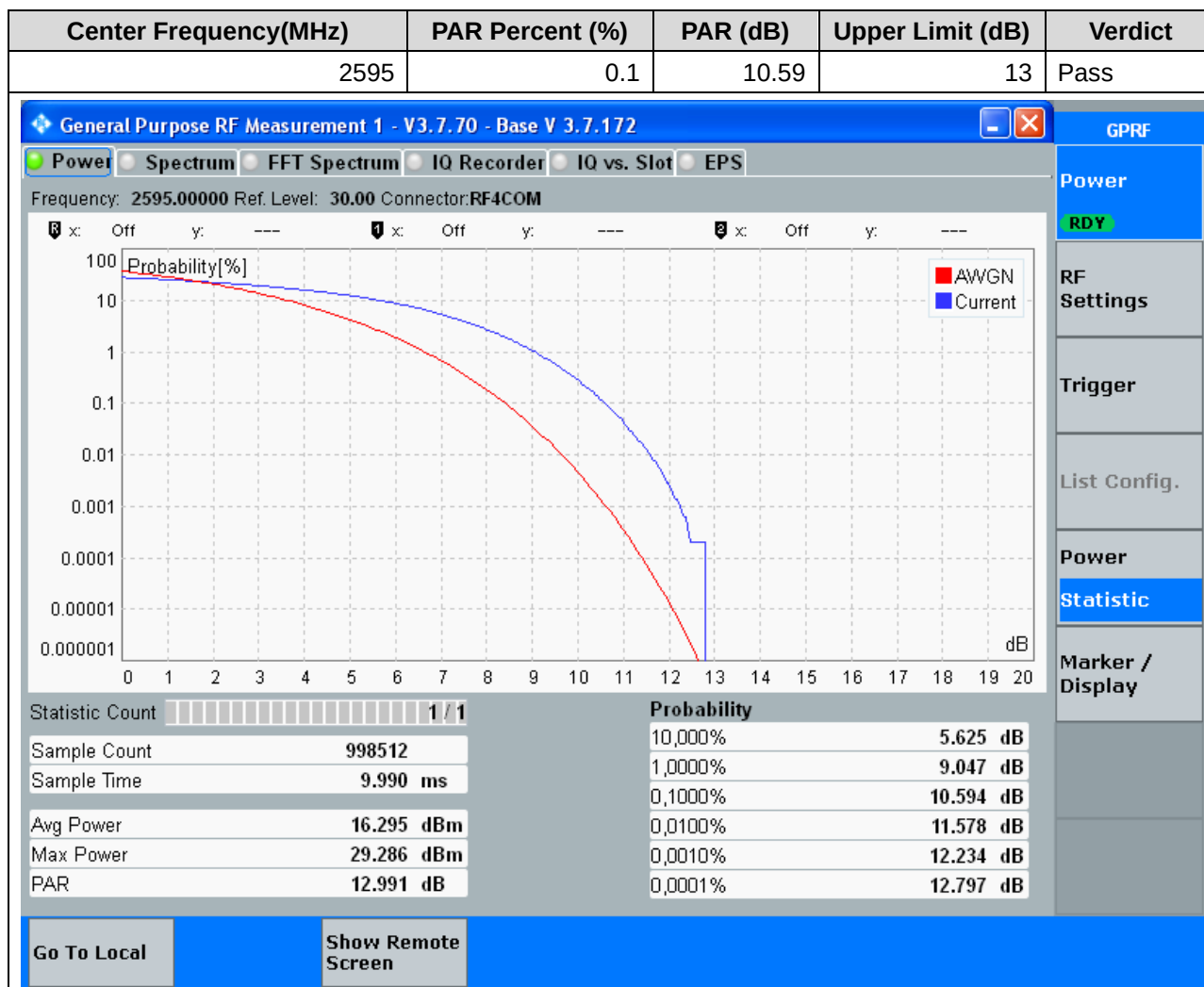
**14.4. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:4,  
Channel:40619|40736, Bandwidth:20|5MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



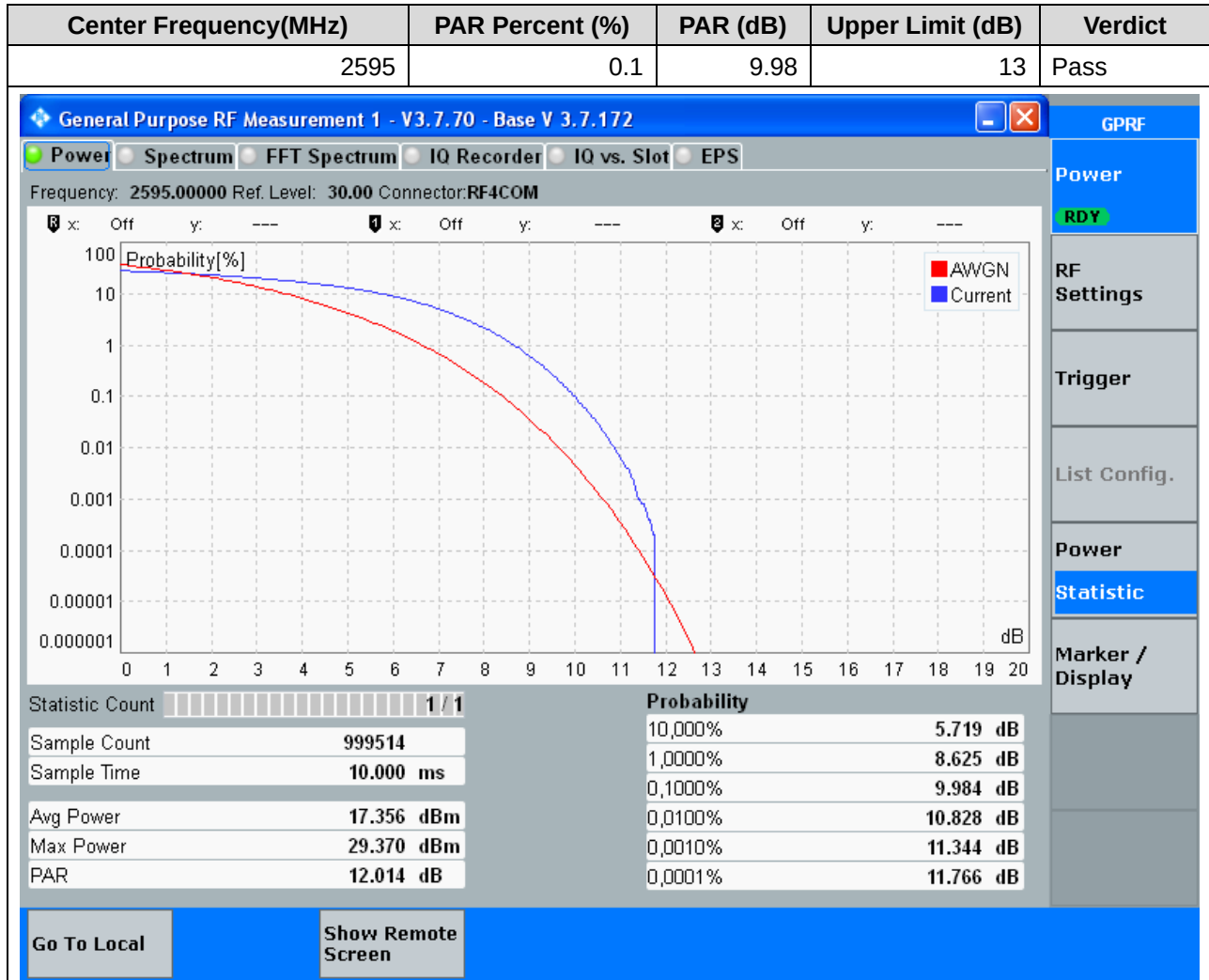
**14.5. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:5,  
Channel:40543|40687, Bandwidth:10|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



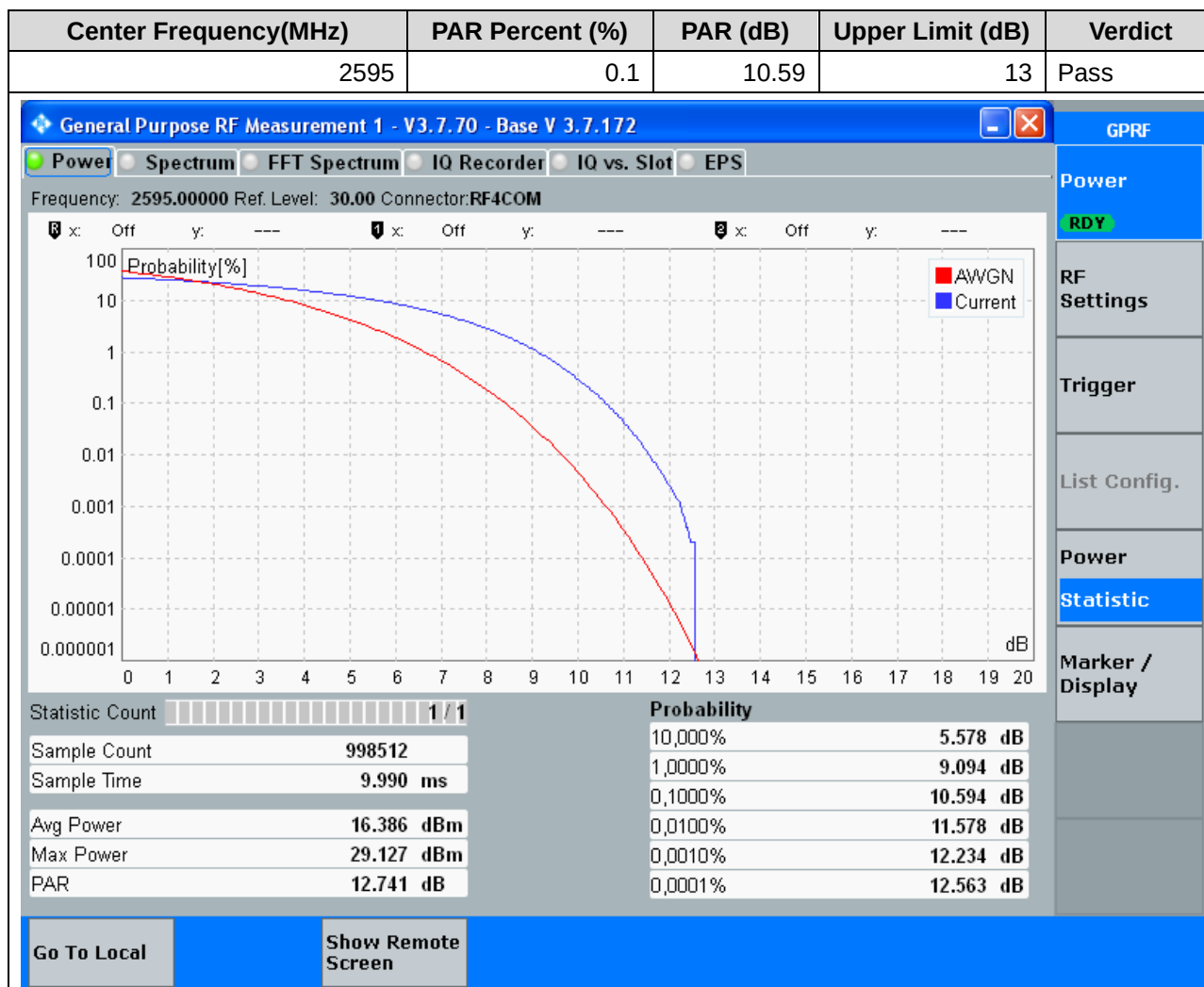
**14.6. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:6,  
Channel:40543|40687, Bandwidth:10|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



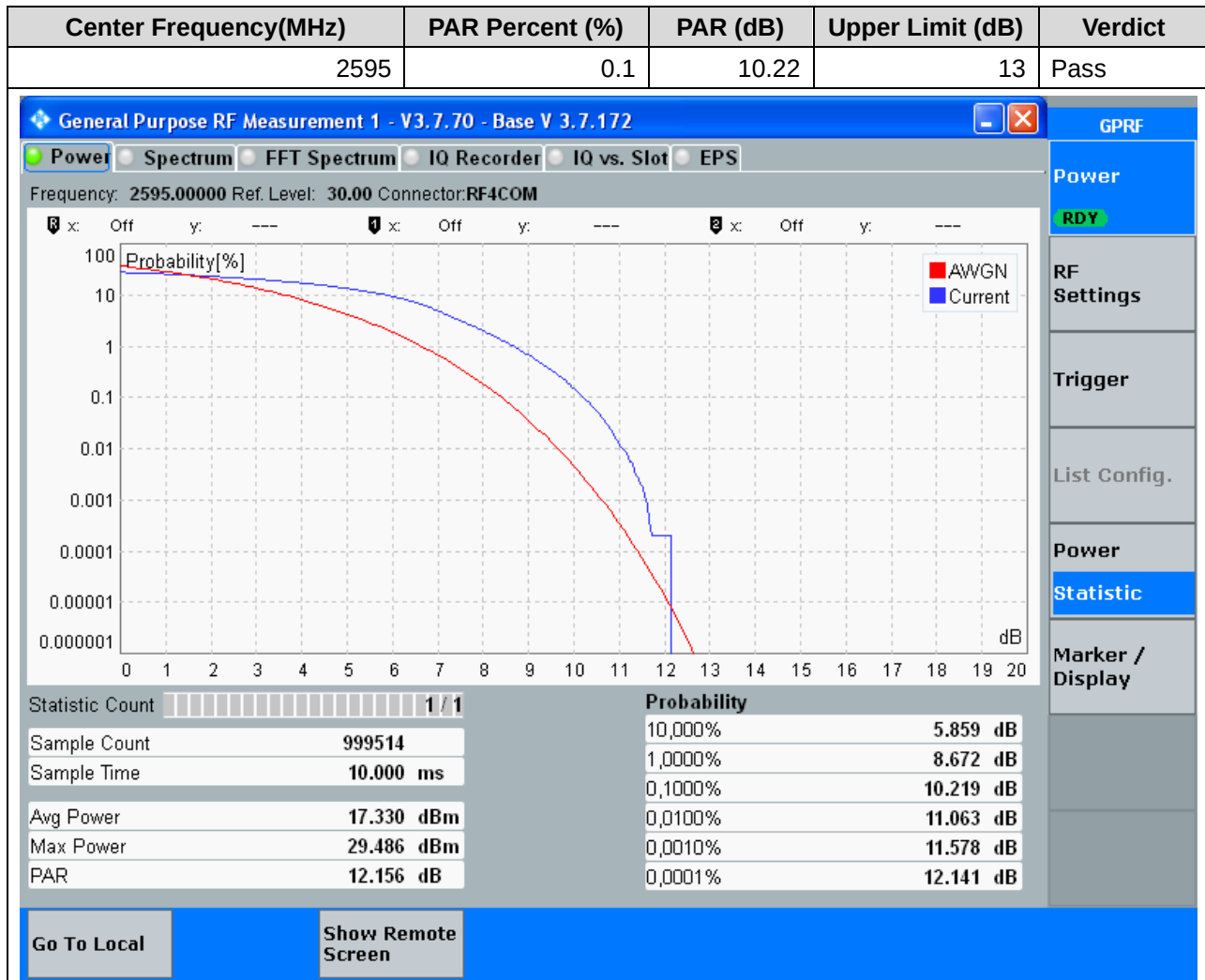
**14.7. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:7,  
Channel:40593|40737, Bandwidth:20|10MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



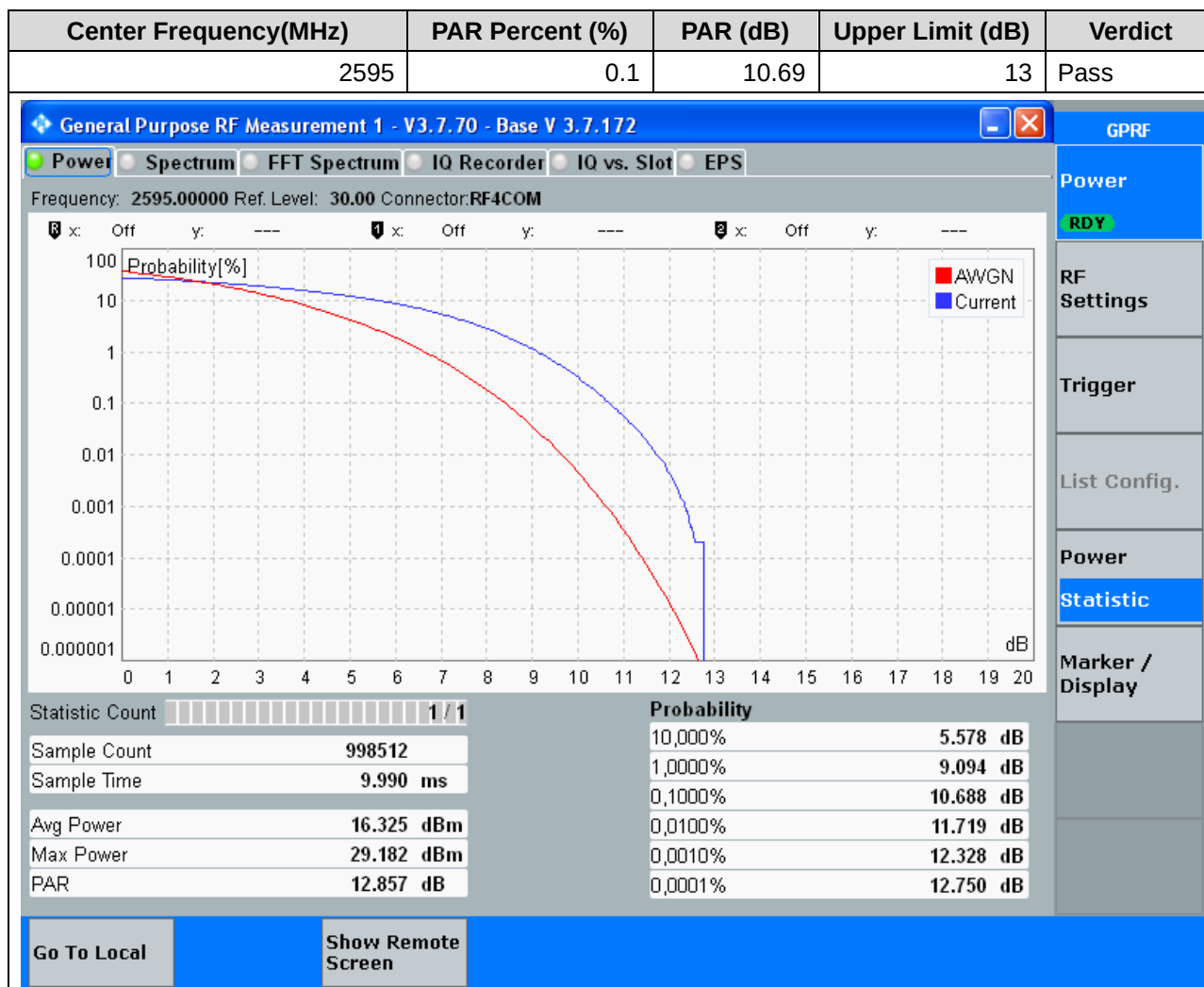
**14.8. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:8,  
Channel:40593|40737, Bandwidth:20|10MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



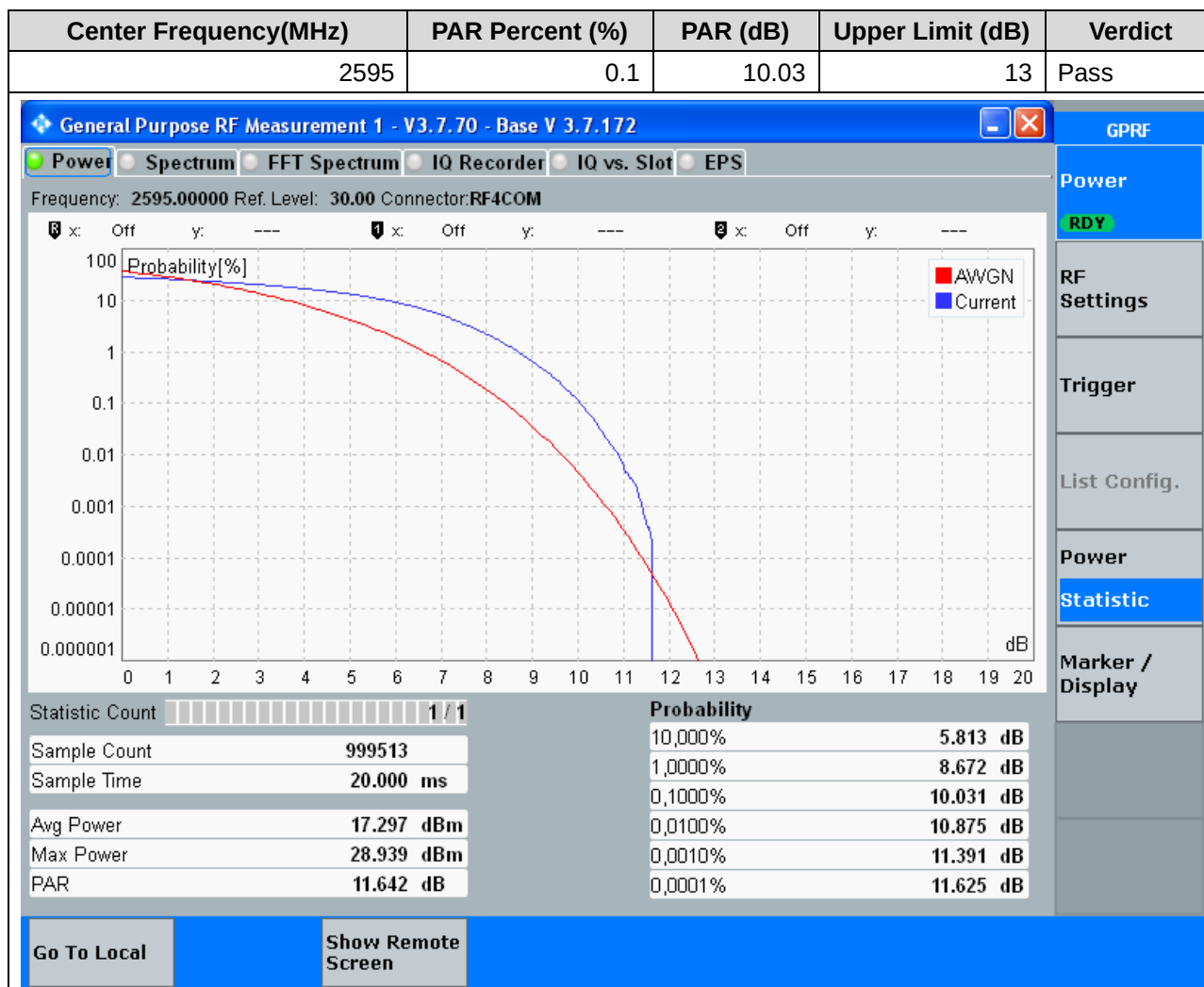
**14.9. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:9,  
Channel:40565|40715, Bandwidth:15|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



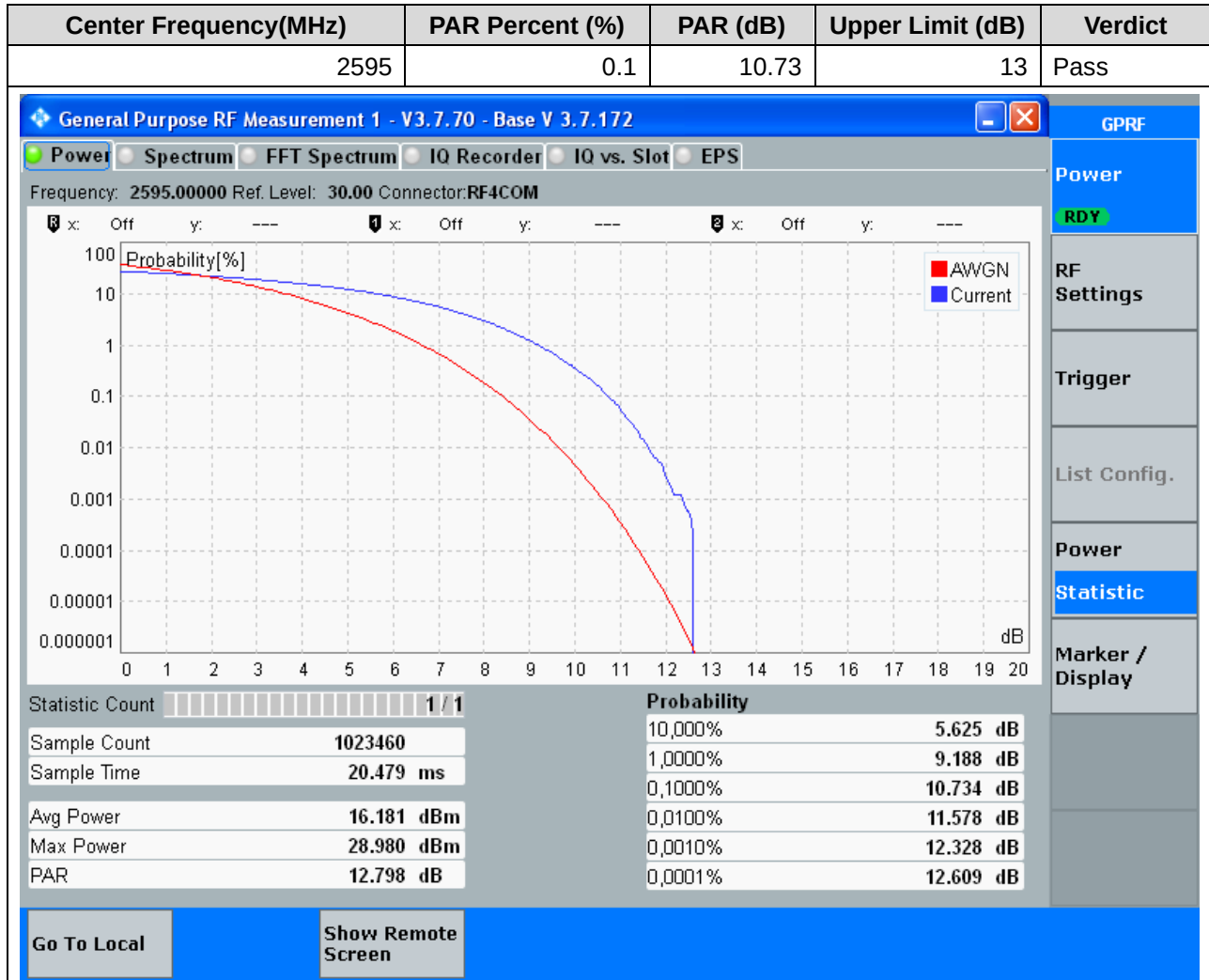
**14.10. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:10, Channel:40565|40715, Bandwidth:15|15MHz, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**



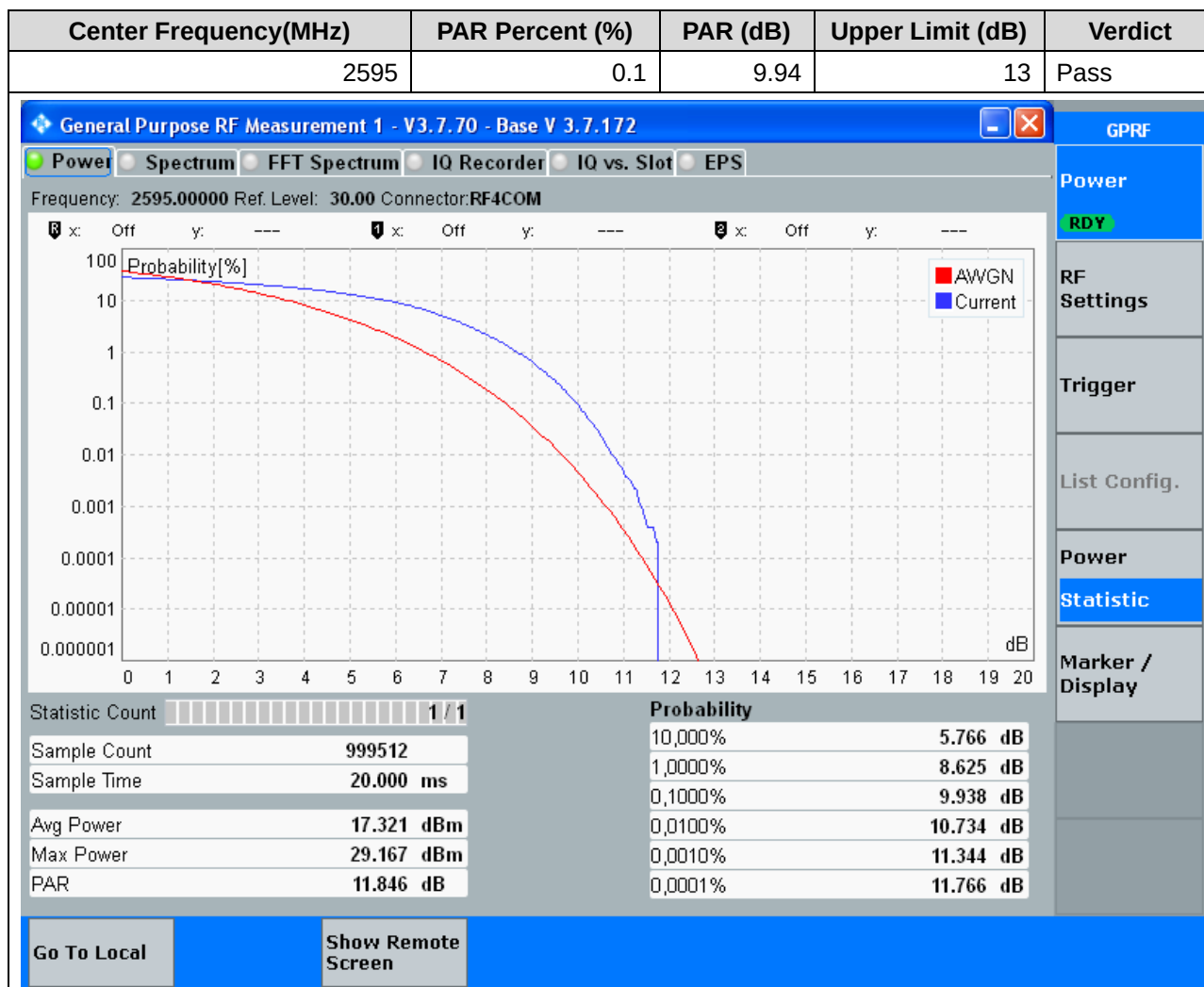
**14.11. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:11,  
Channel:40542|40713, Bandwidth:15|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



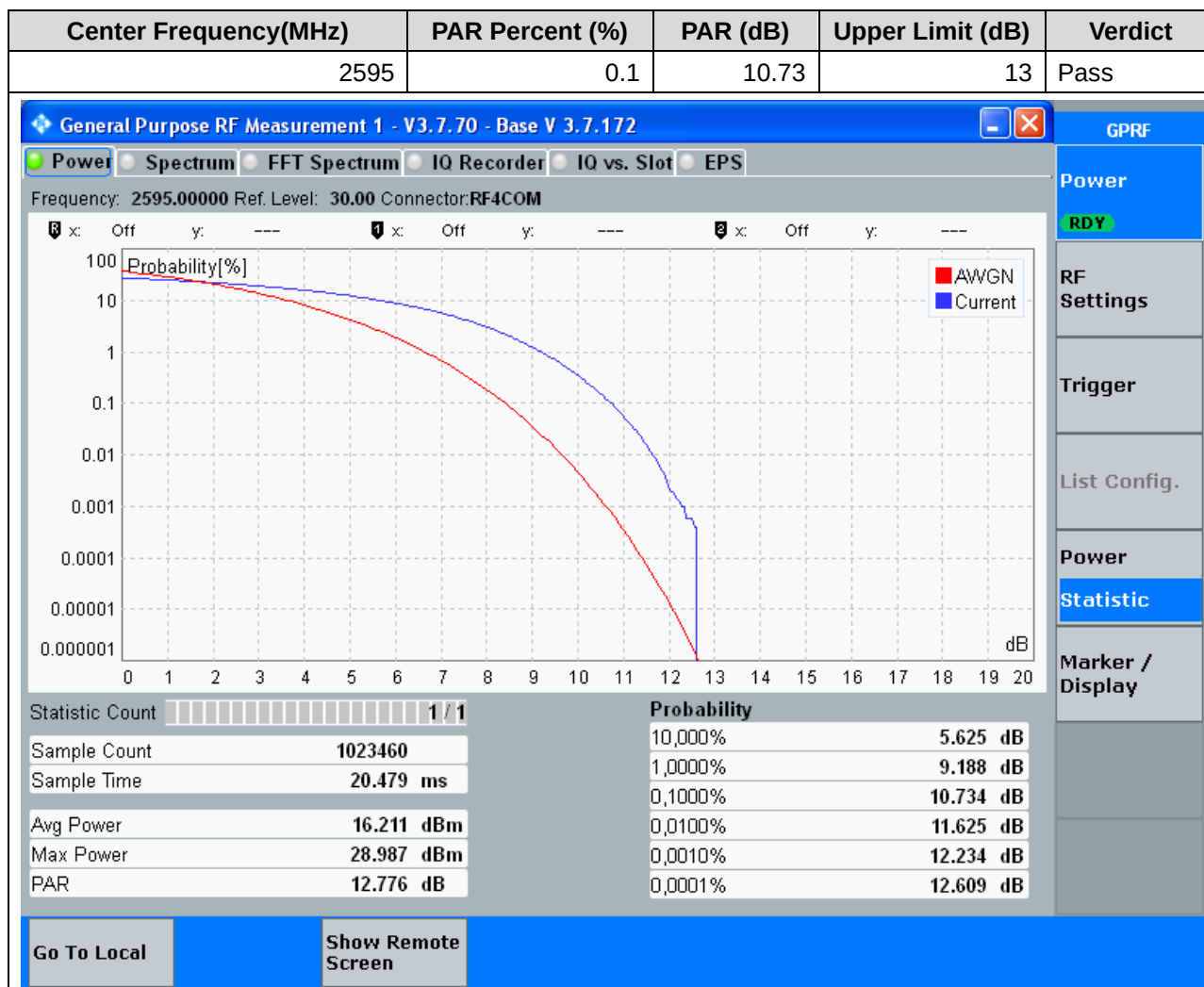
**14.12. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:12,  
Channel:40542|40713, Bandwidth:15|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



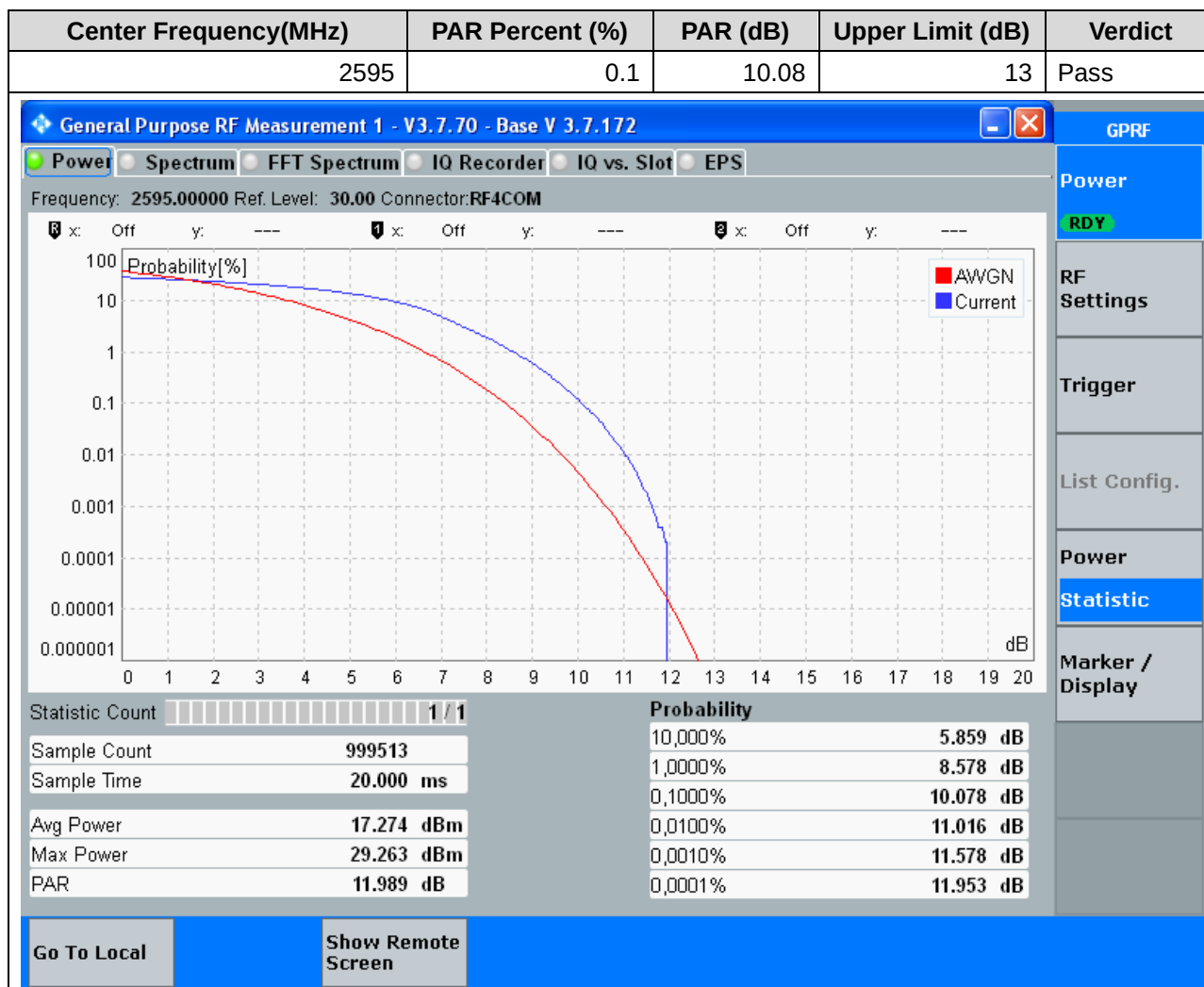
**14.13. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:13,  
Channel:40567|40738, Bandwidth:20|15MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



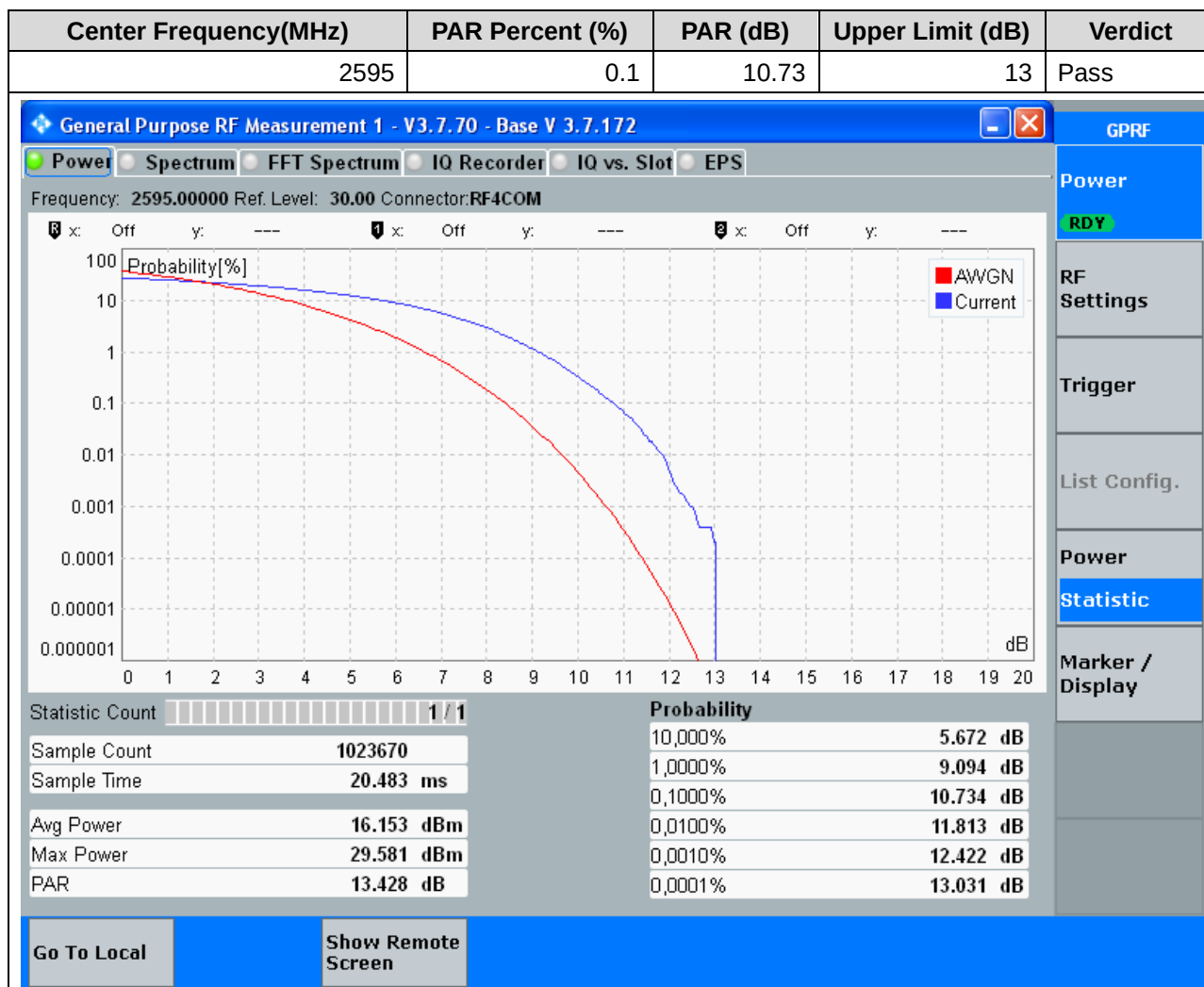
**14.14. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:14,  
Channel:40567|40738, Bandwidth:20|15MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



**14.15. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:15,  
Channel:40541|40739, Bandwidth:20|20MHz, Modulation:QPSK, RB  
Number:Full|Full, RB Position:Low|Low)**



**14.16. LTE-A Peak to Average Ratio\_Part22-24-27(NTNV)(Subtest:16,  
Channel:40541|40739, Bandwidth:20|20MHz, Modulation:16QAM, RB  
Number:Full|Full, RB Position:Low|Low)**



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