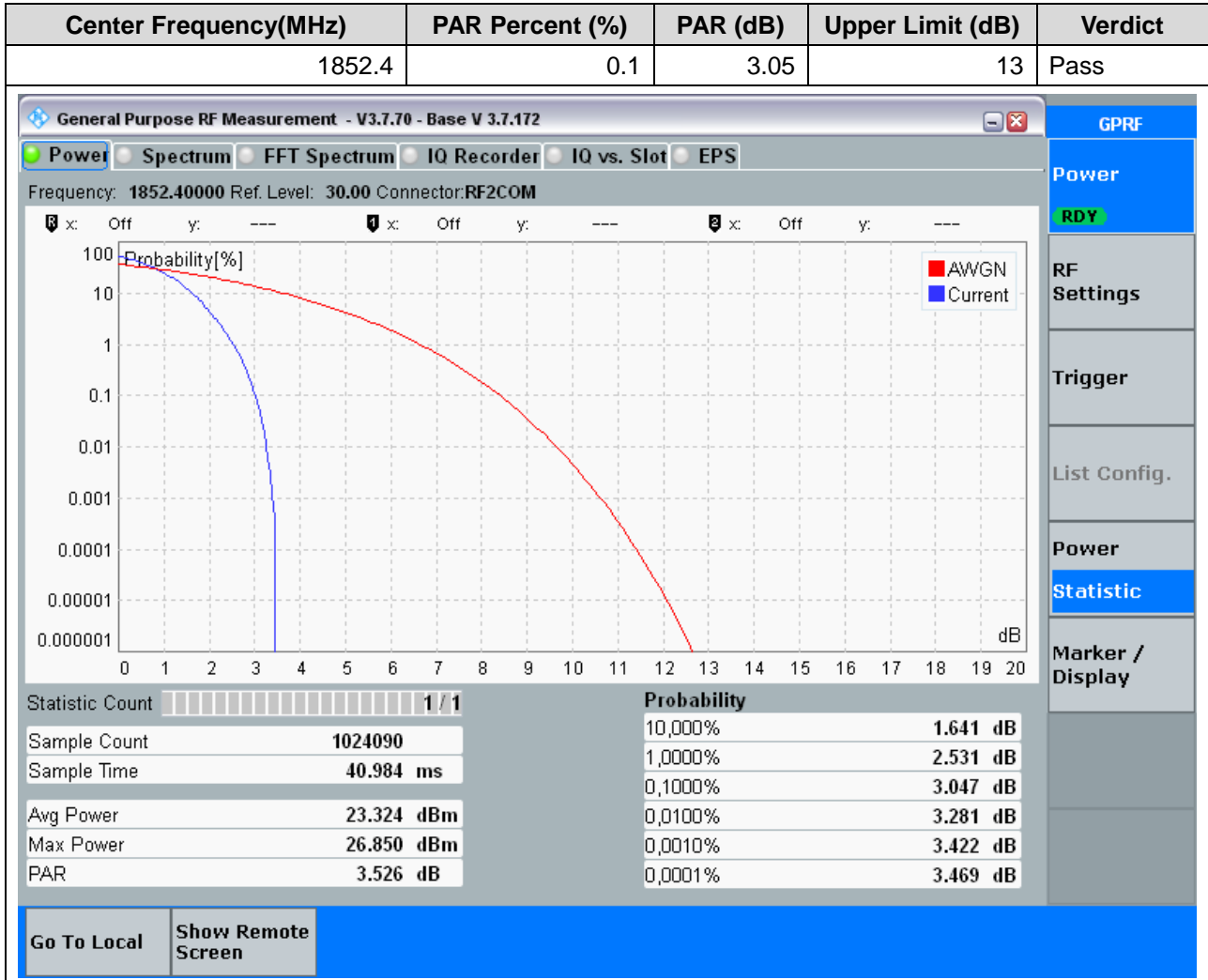


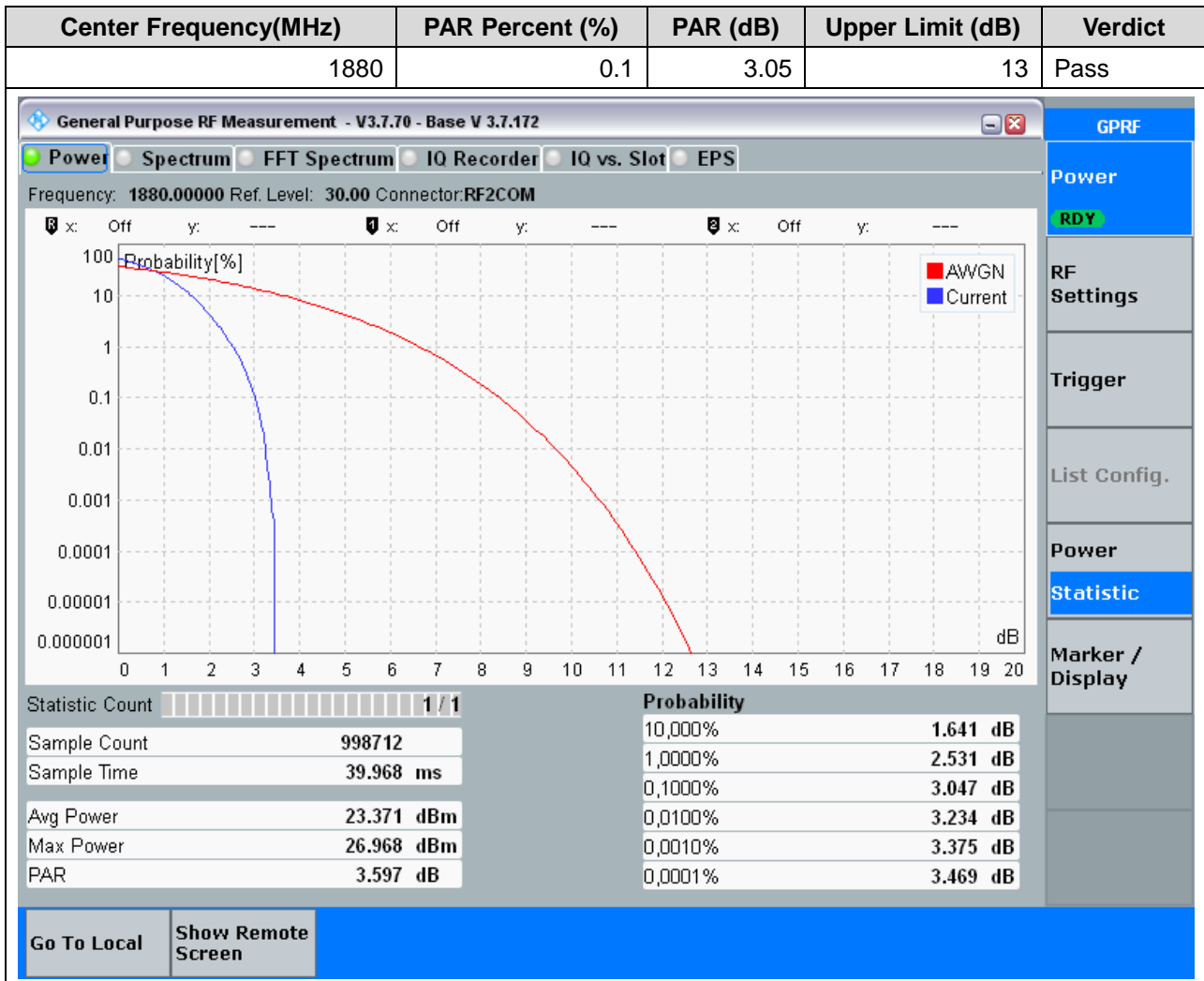
## **Annex A.1 Peak to Average Ratio**

# 1. WCDMA\_Band2

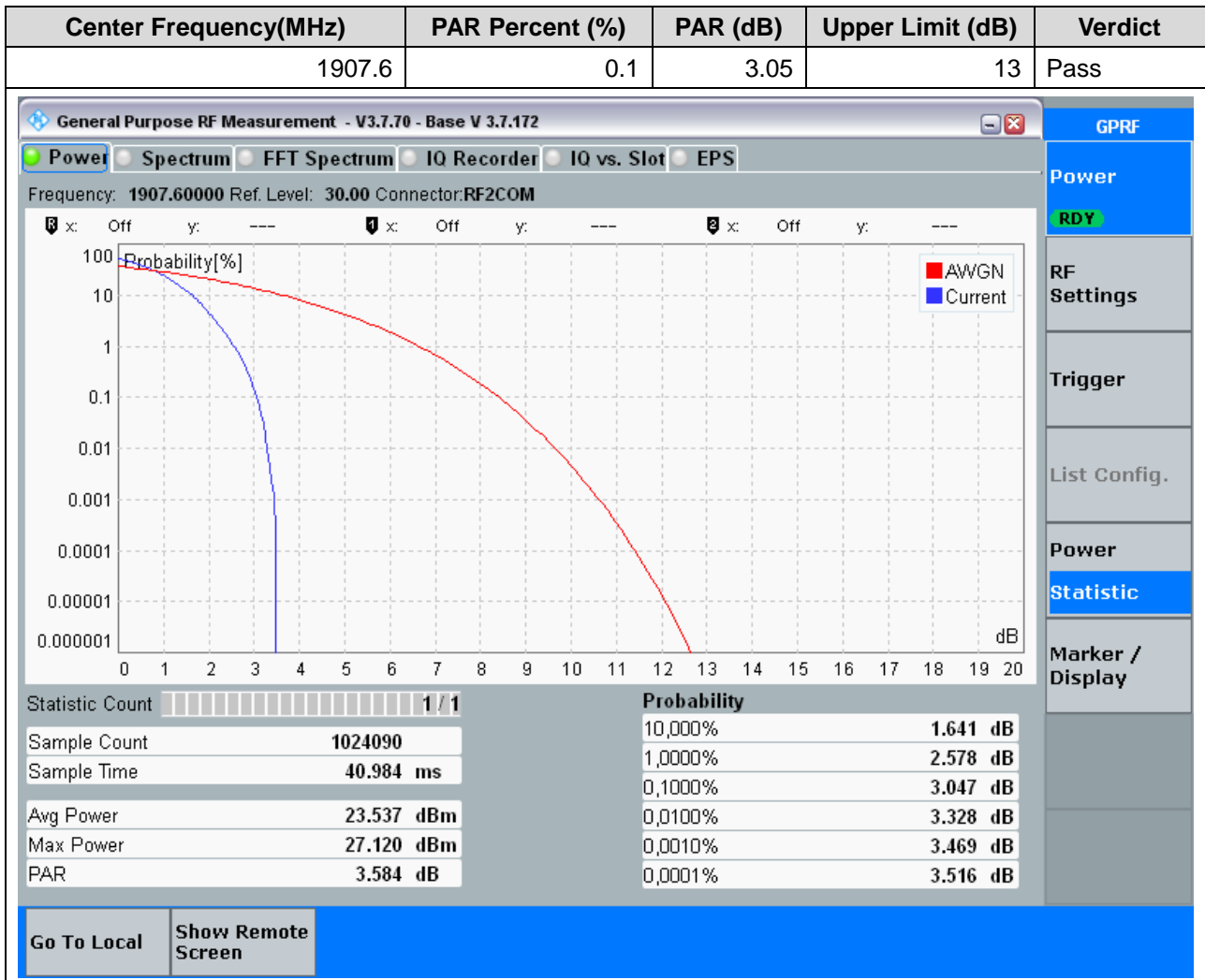
## 1.1. WCDMA Peak to Average Ratio(NTNV)(Channel:9262)



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

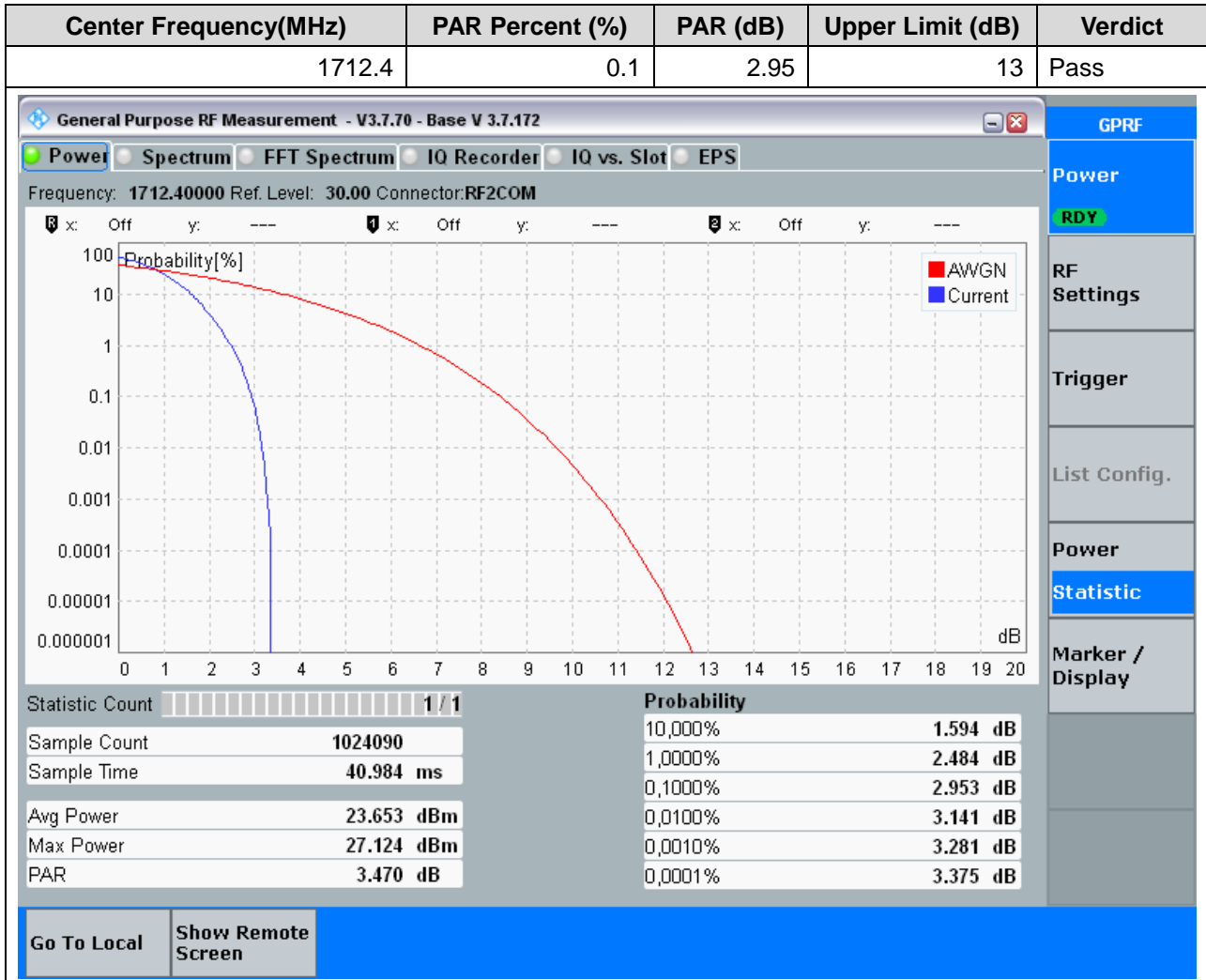


### 1.3. WCDMA Peak to Average Ratio(NTNV)(Channel:9538)

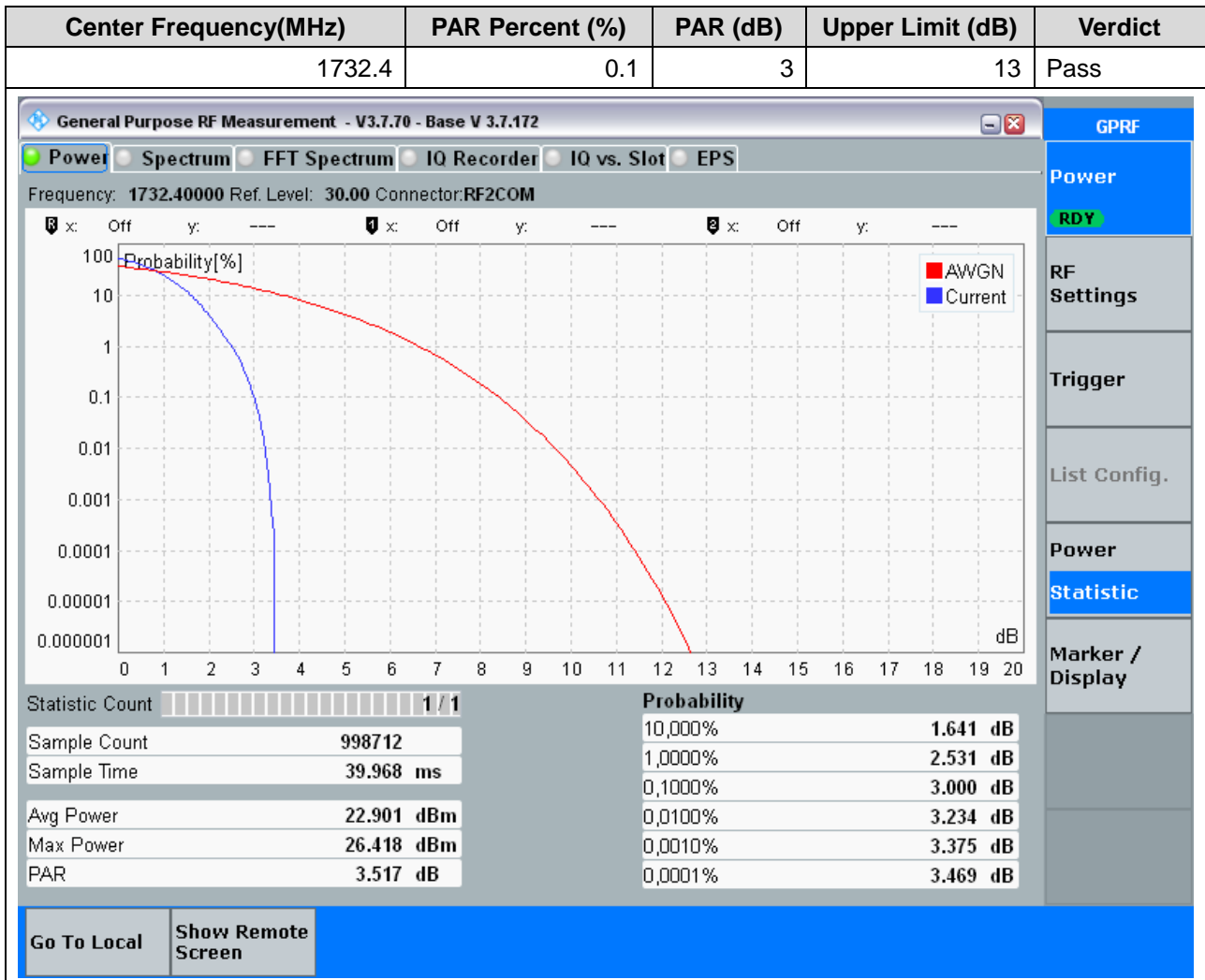


## 2. WCDMA\_Band4

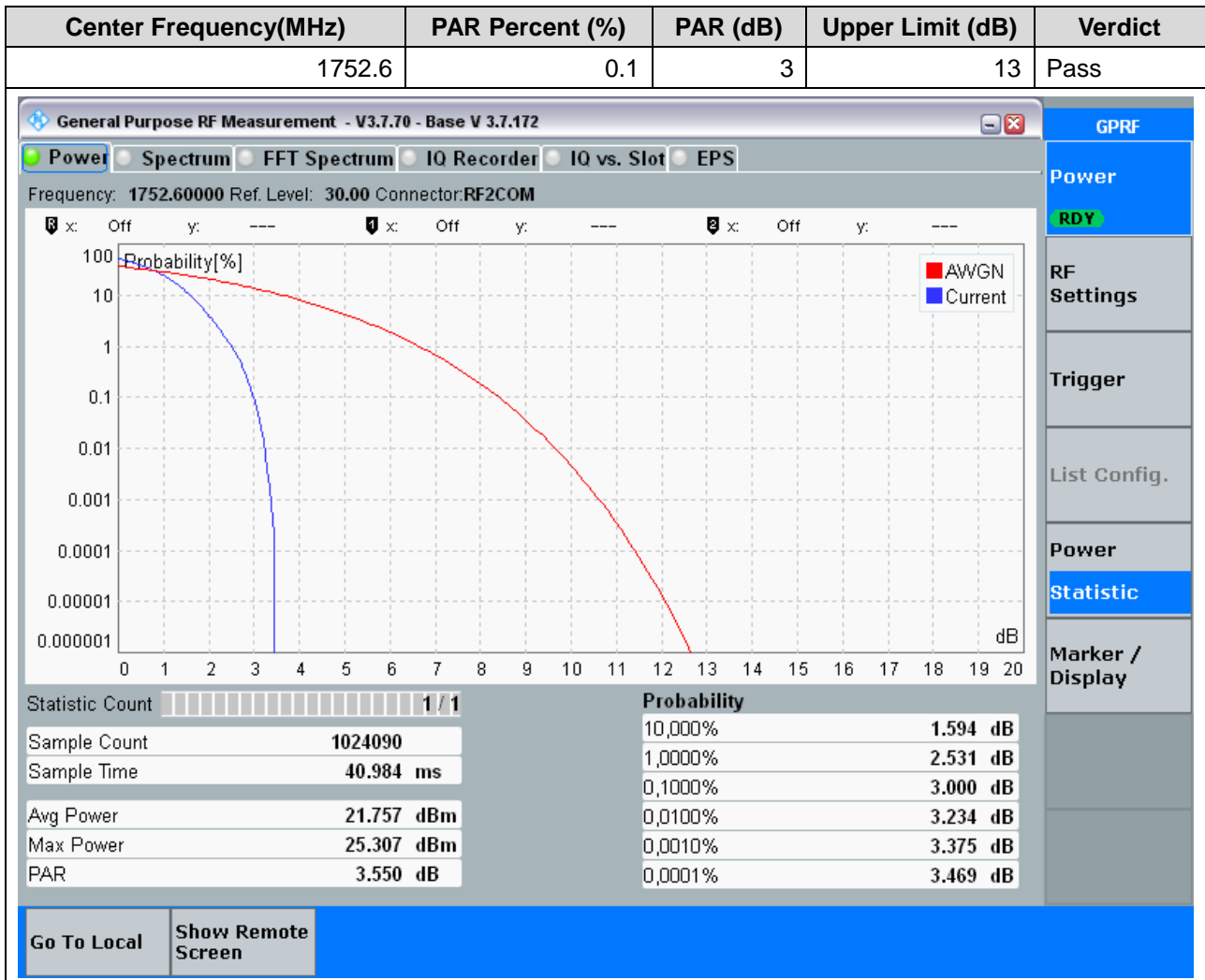
### 2.1. WCDMA Peak to Average Ratio(NTNV)(Channel:1312)



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

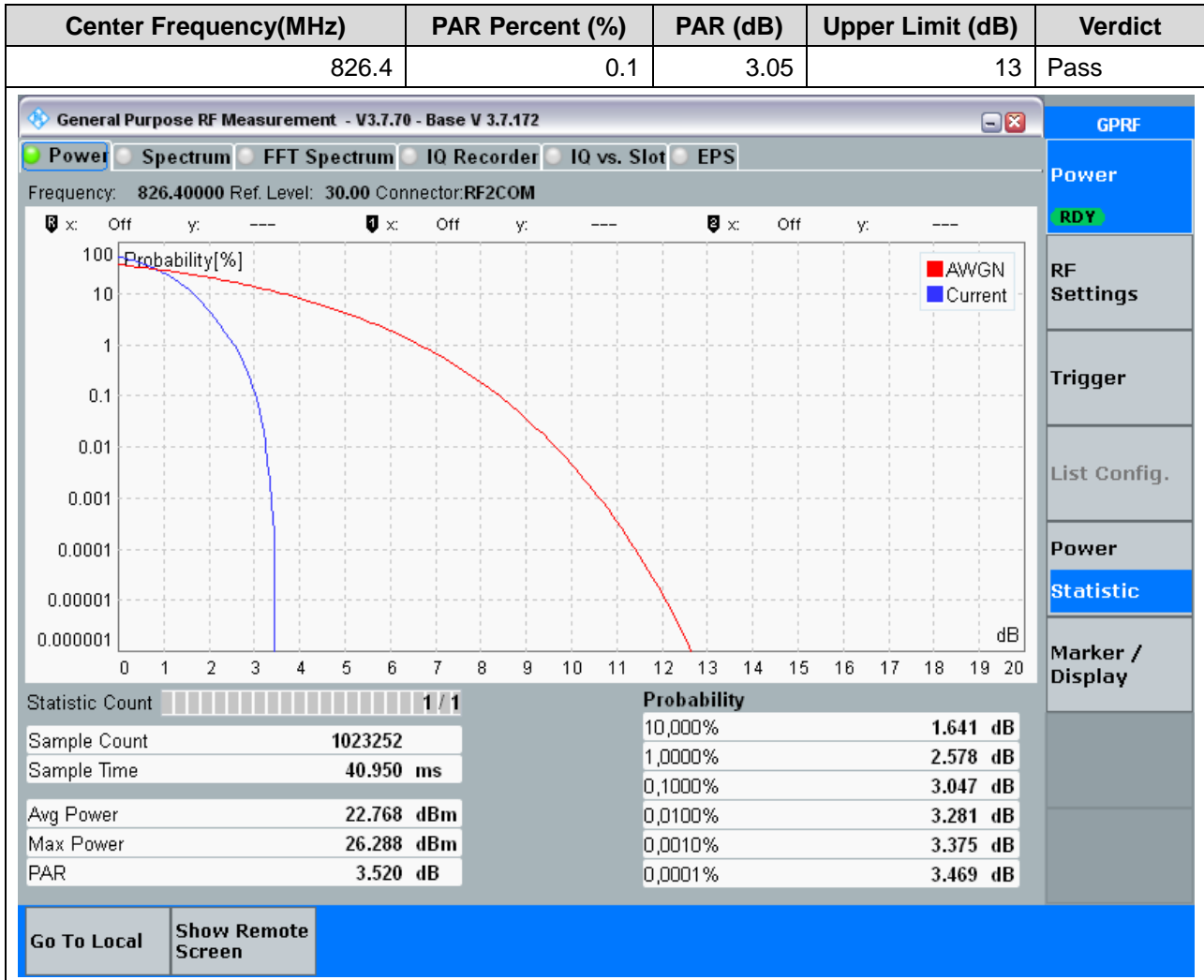


### 2.3. WCDMA Peak to Average Ratio(NTNV)(Channel:1513)



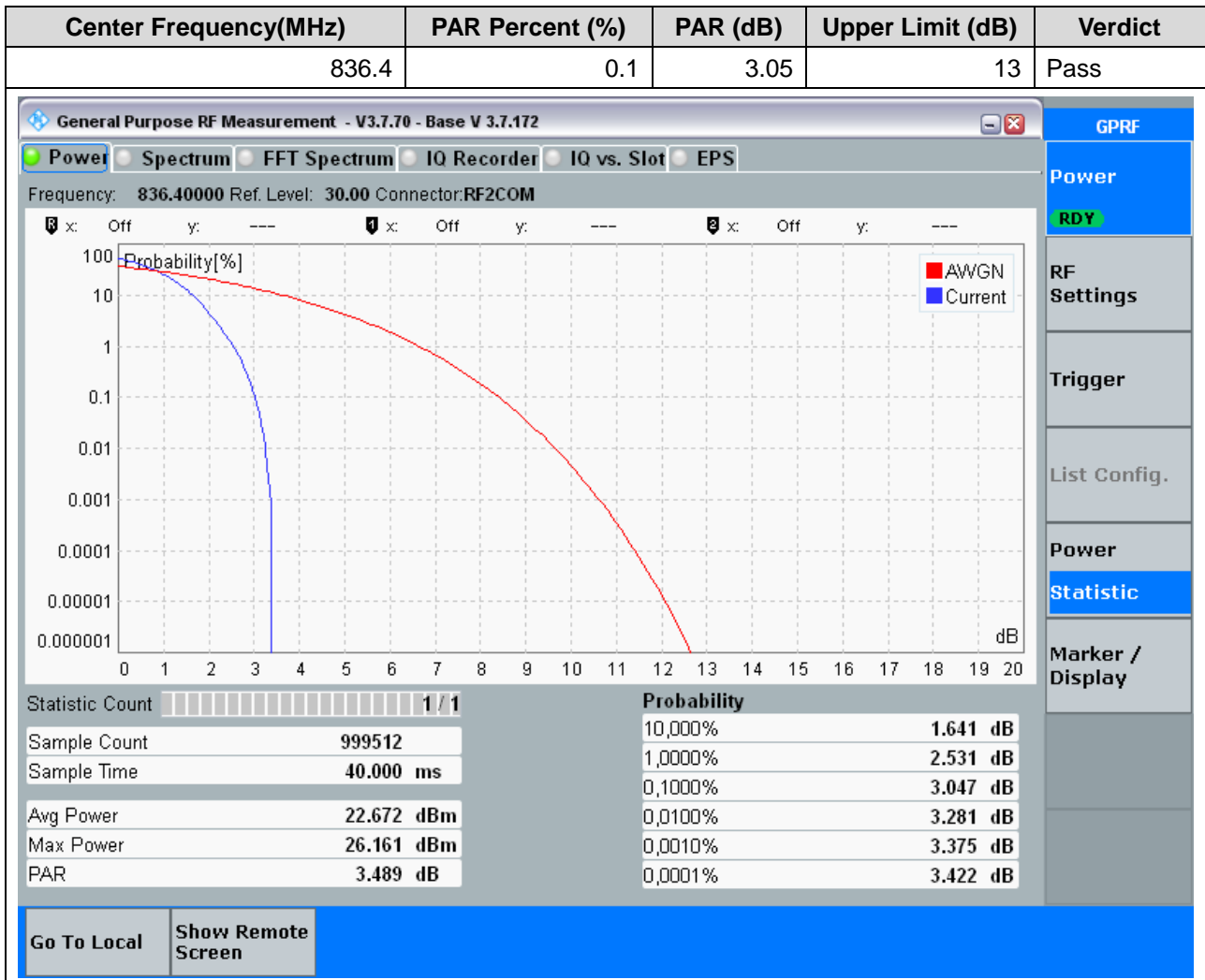
### 3. WCDMA\_Band5

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

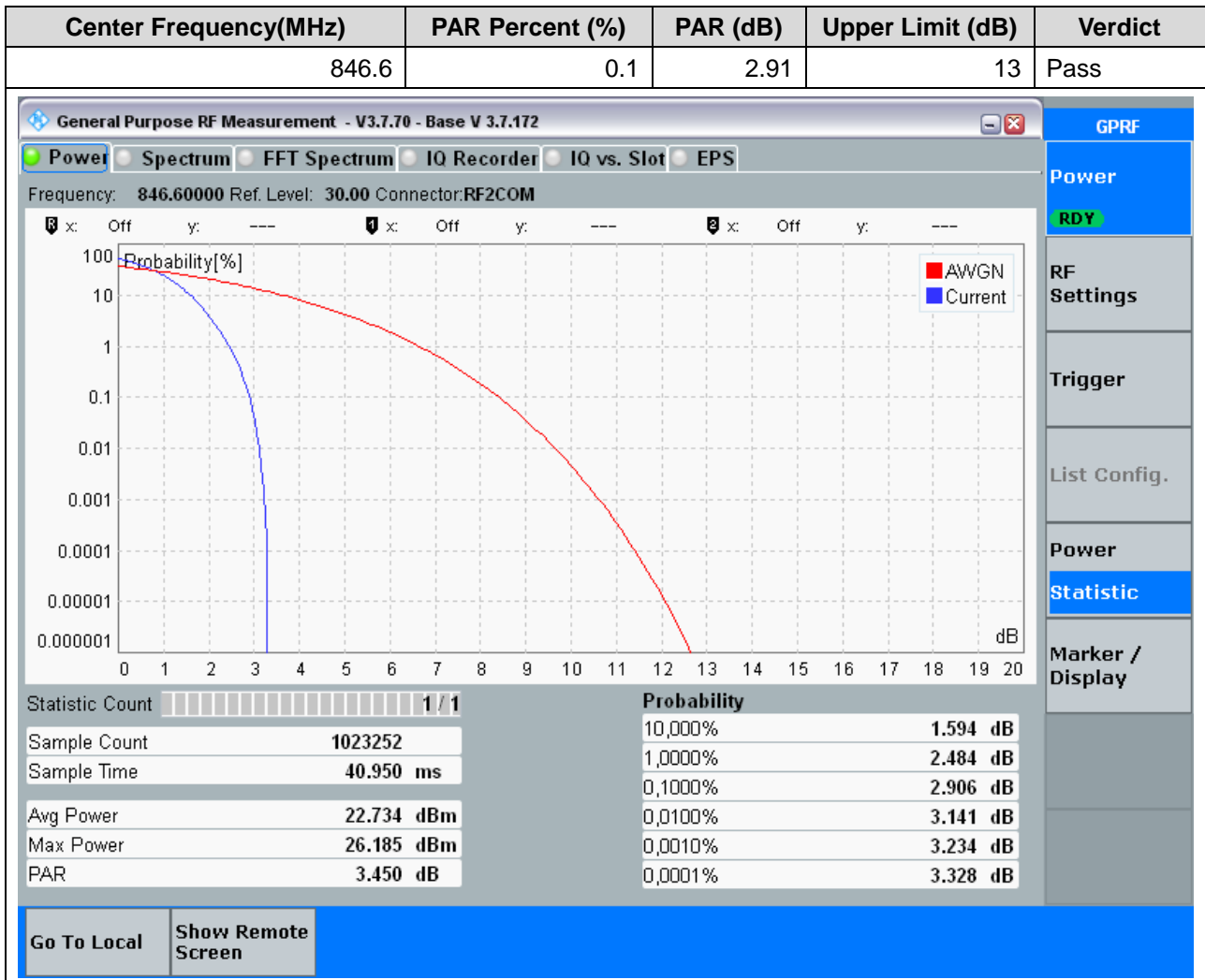




### 3.2. WCDMA Peak to Average Ratio(NTNV)(Channel:4182)

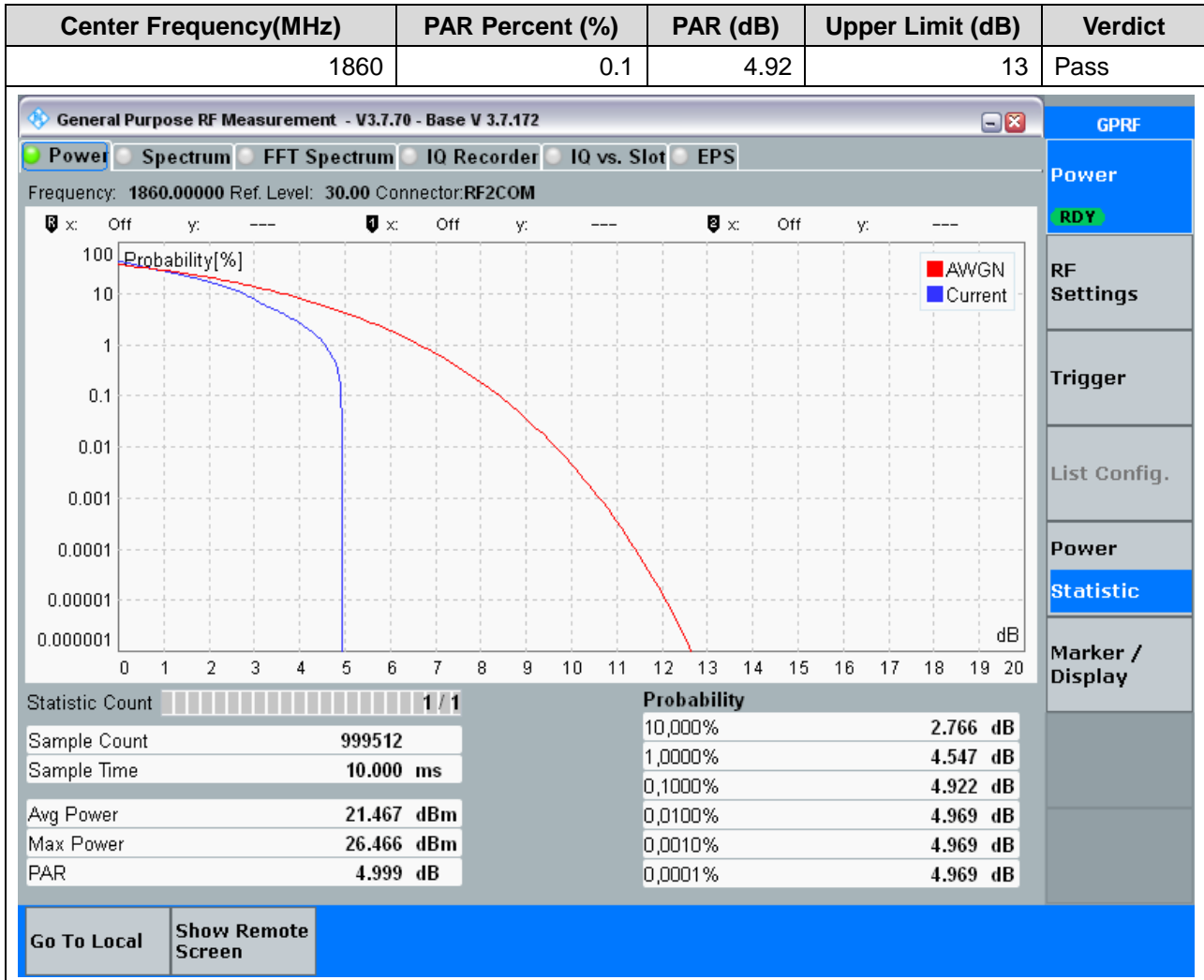


### 3.3. WCDMA Peak to Average Ratio(NTNV)(Channel:4233)

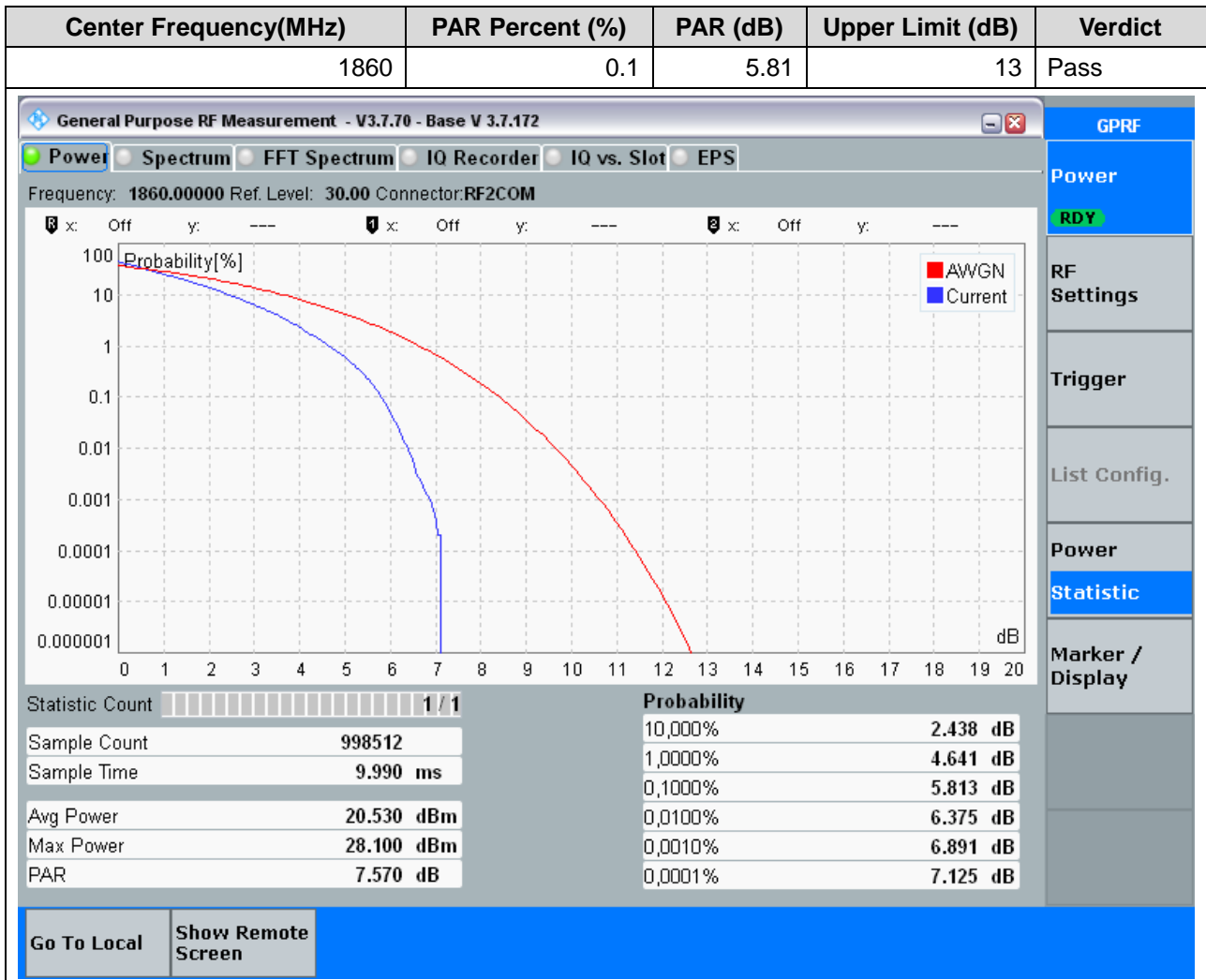


## 4. LTE\_Band2

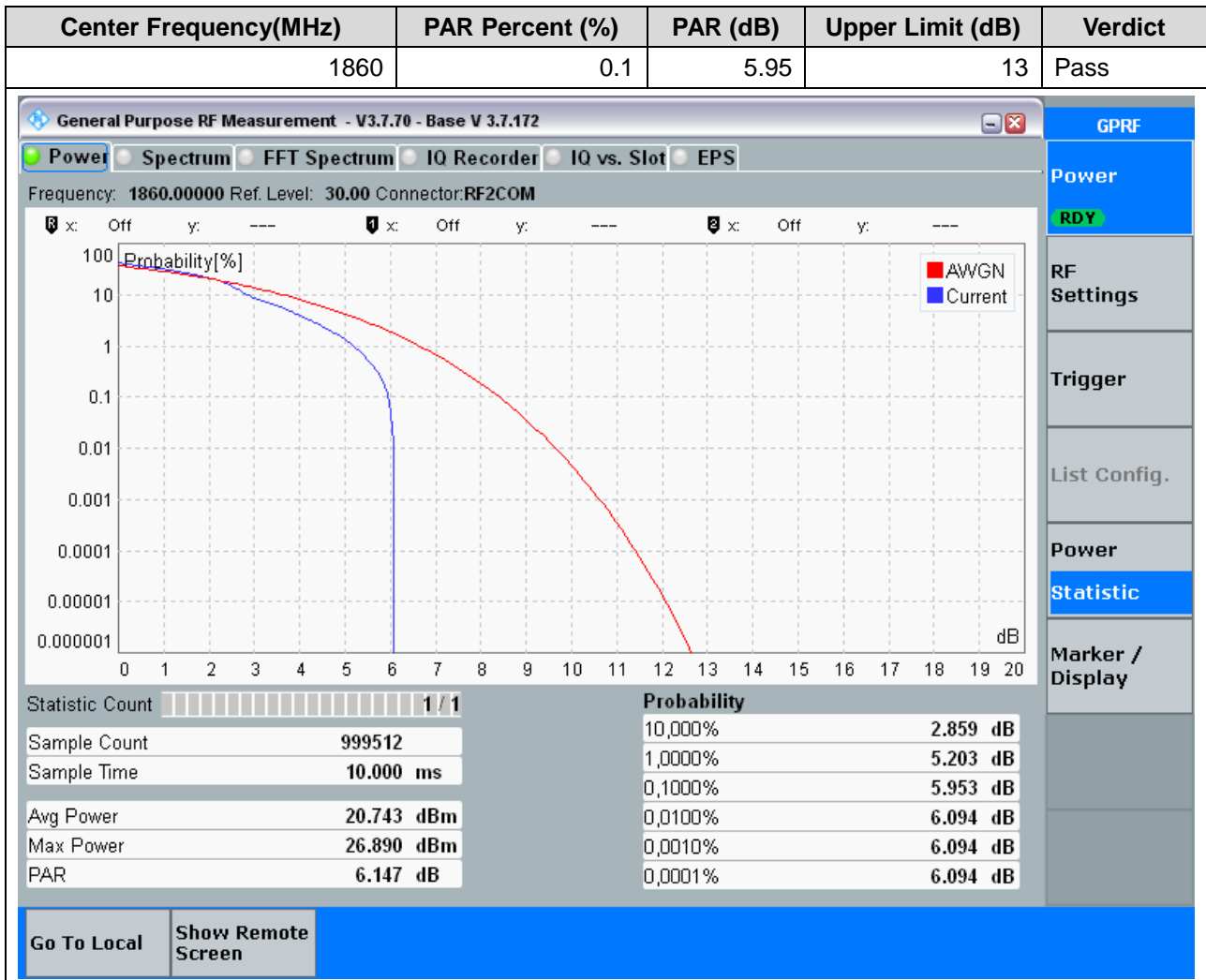
### 4.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



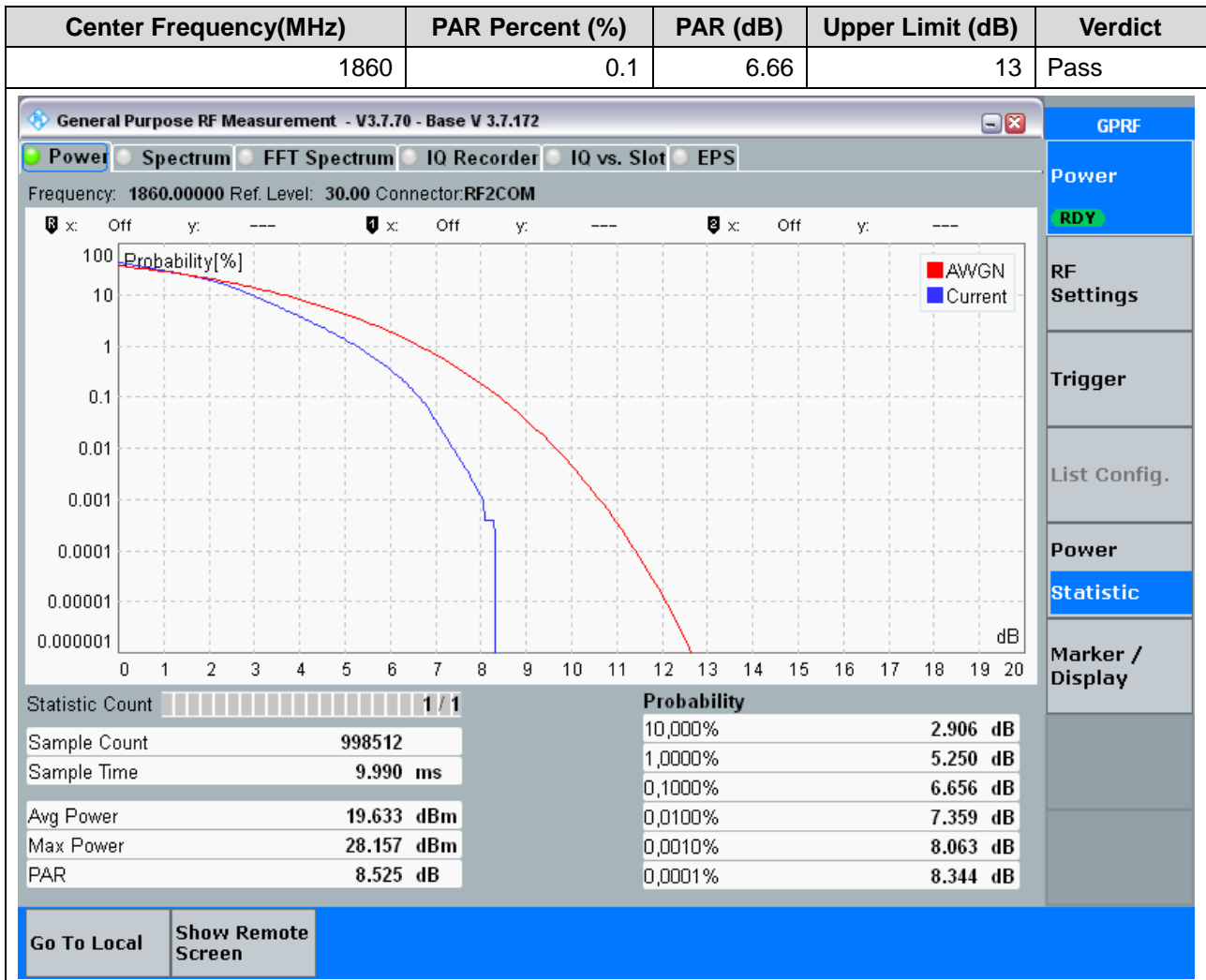
#### 4.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



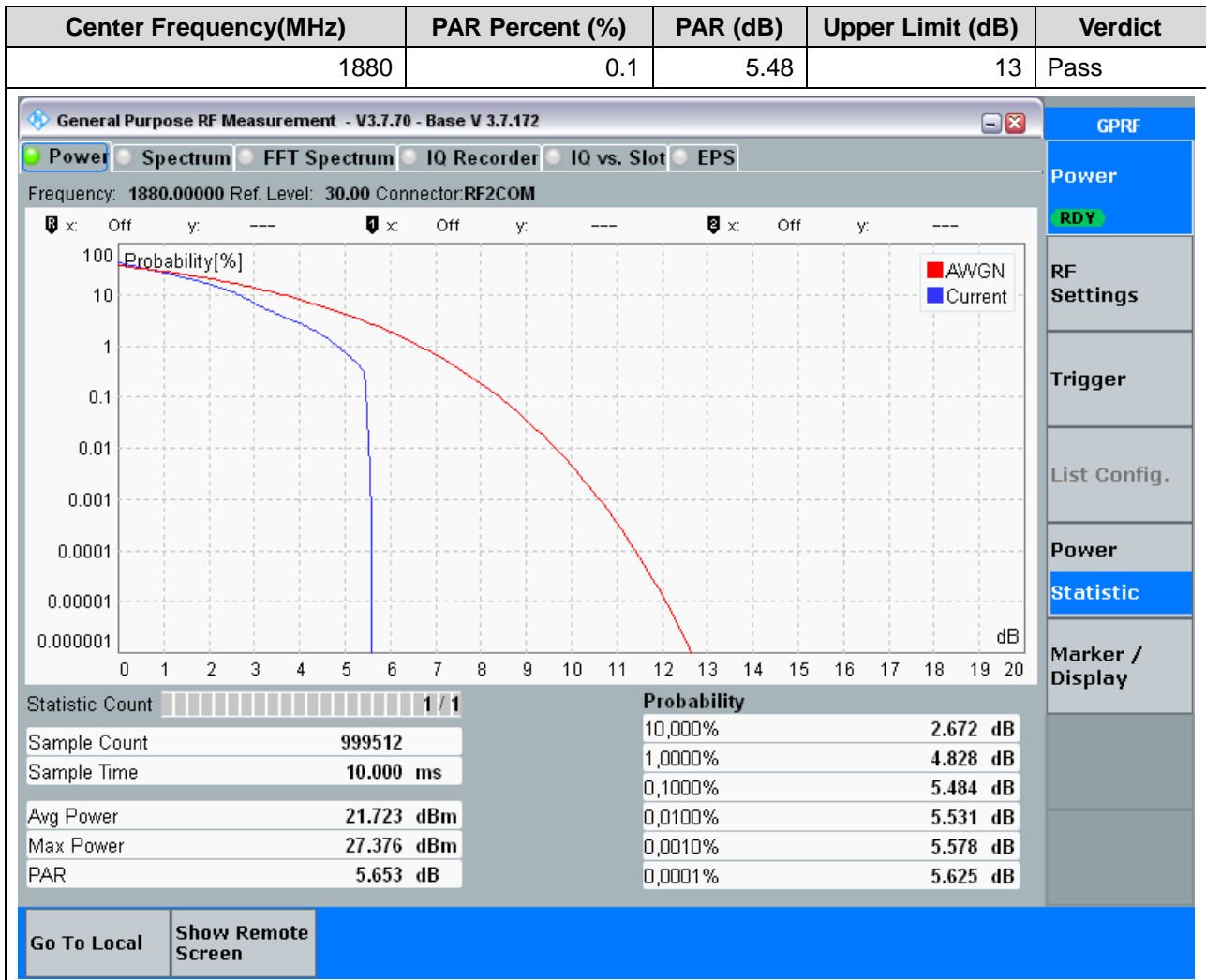
### 4.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



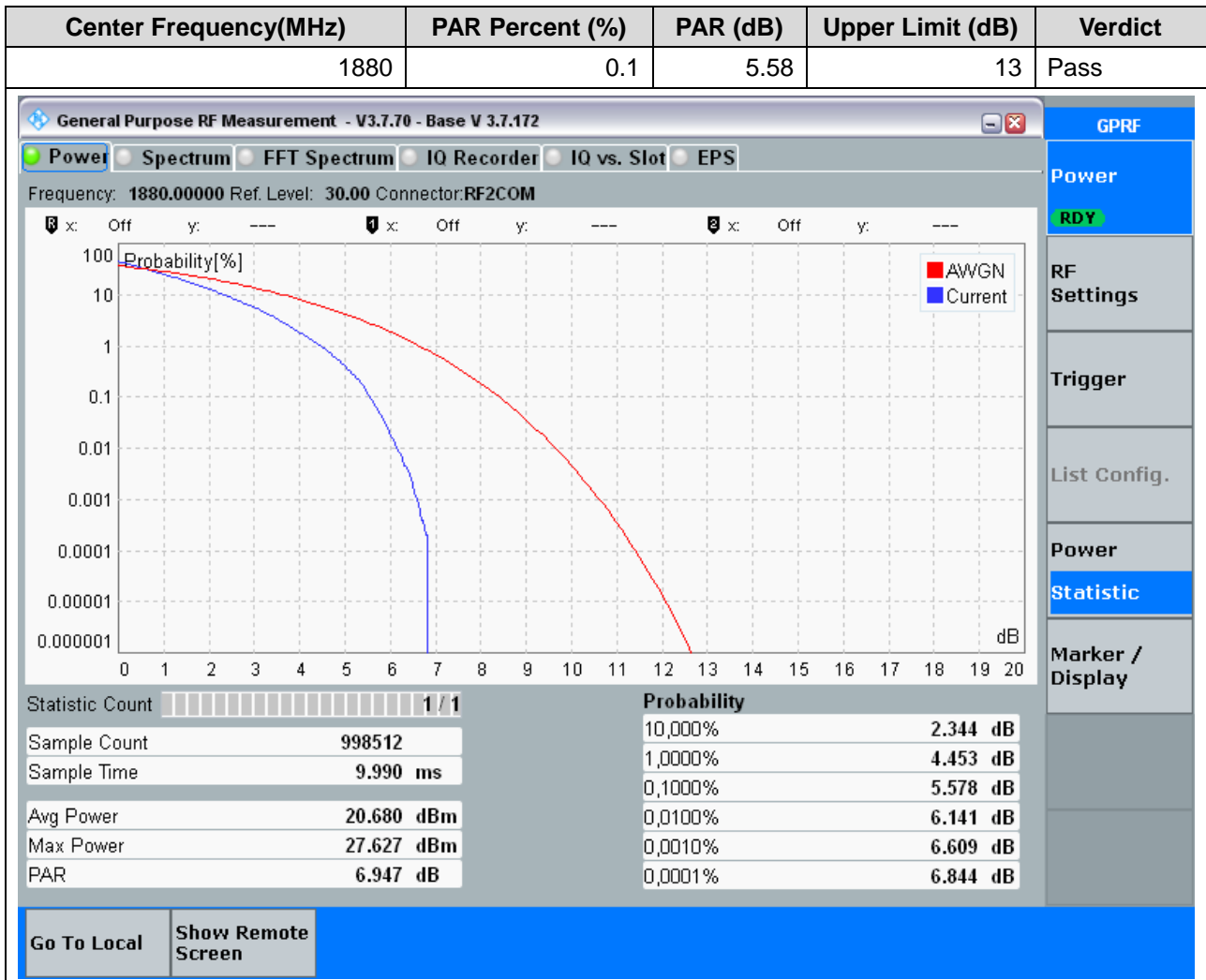
**5.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



**5.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

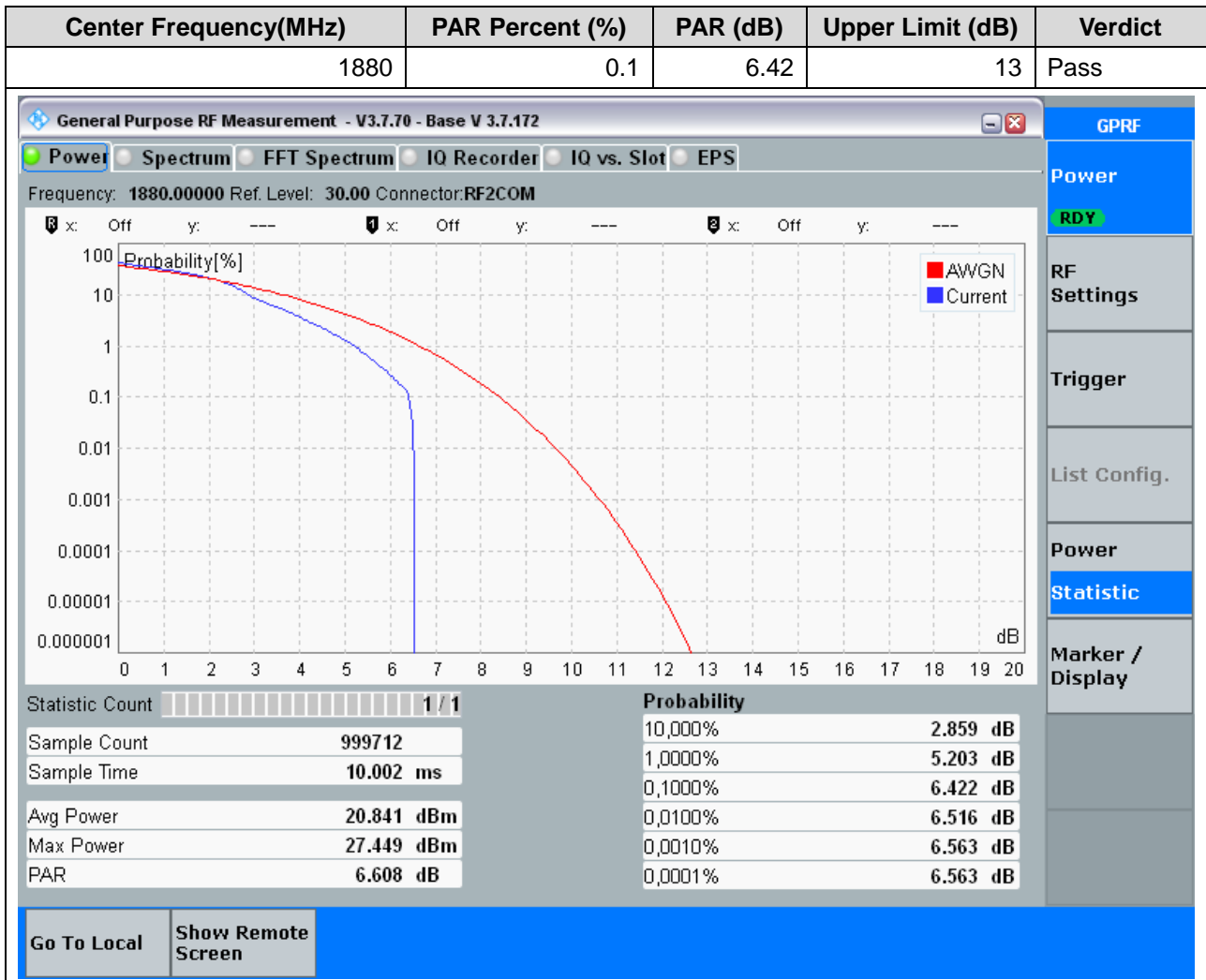


**5.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

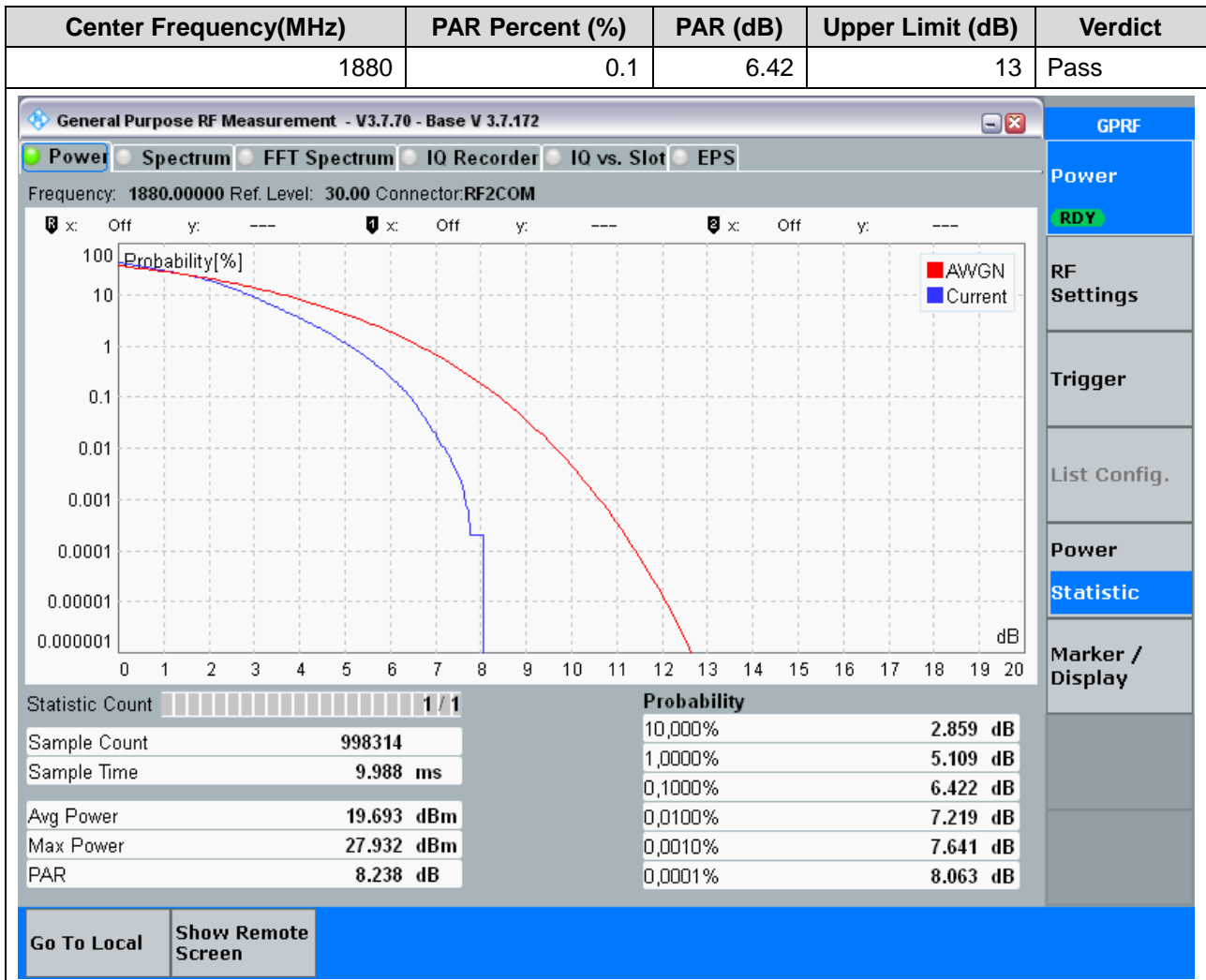




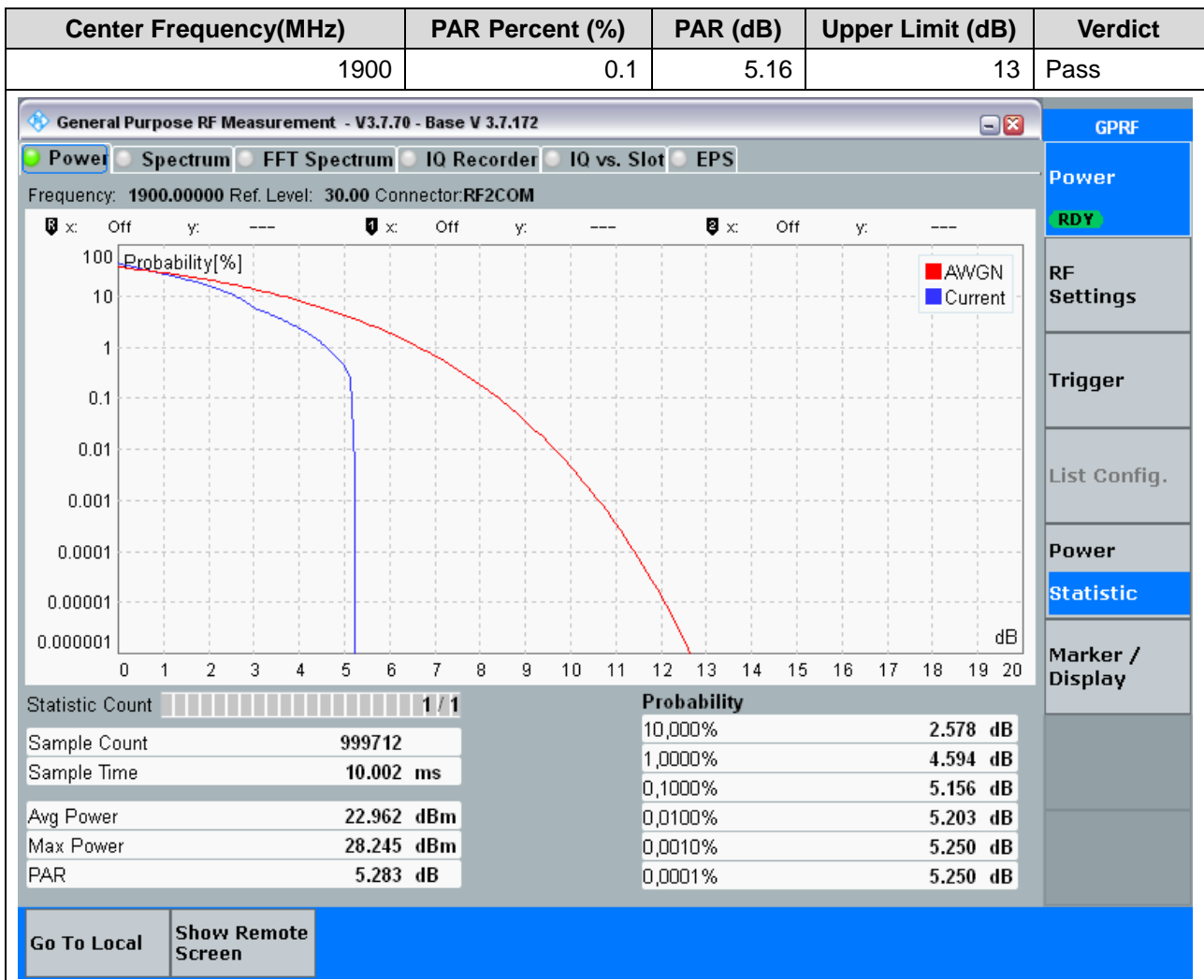
**5.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



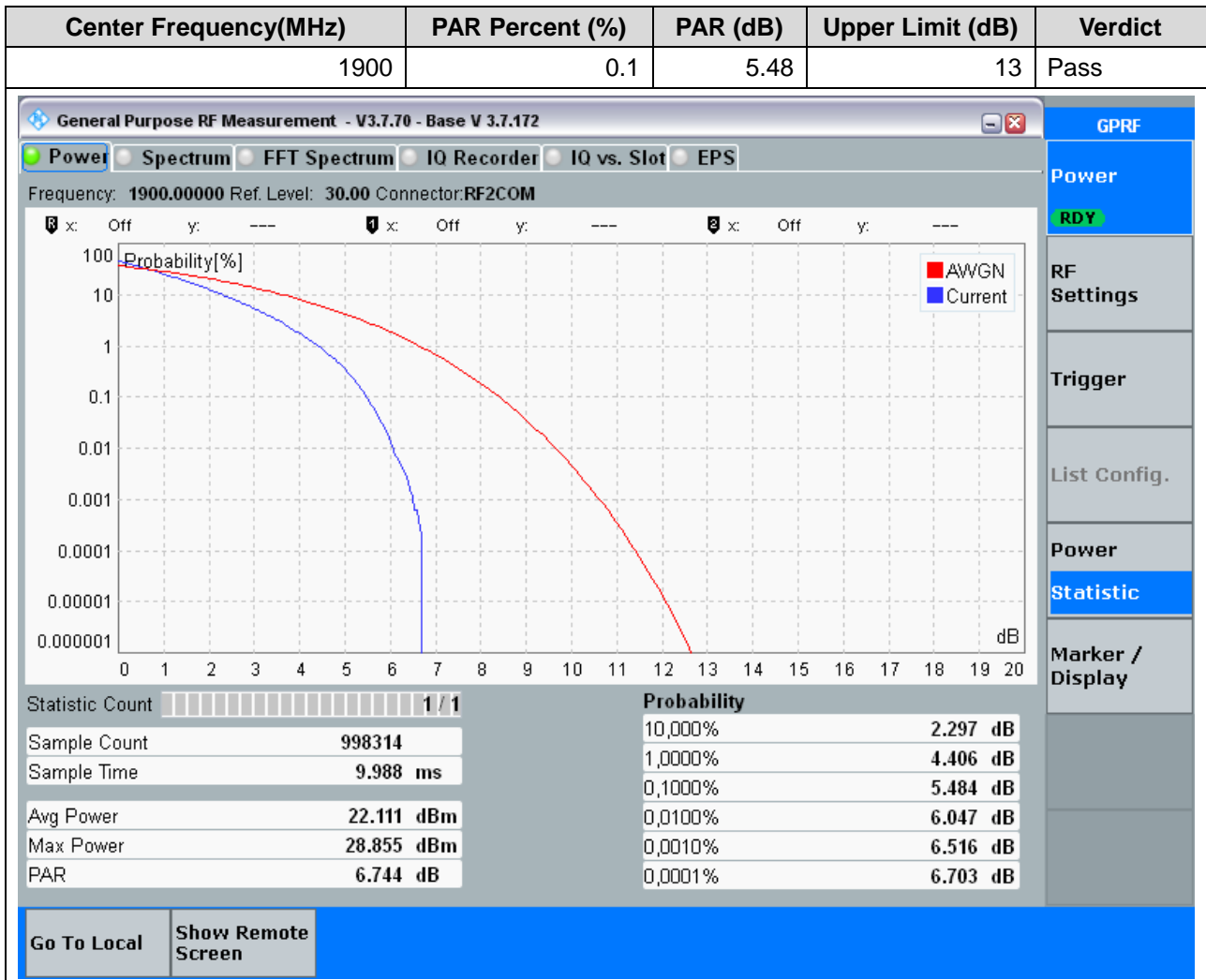
**5.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



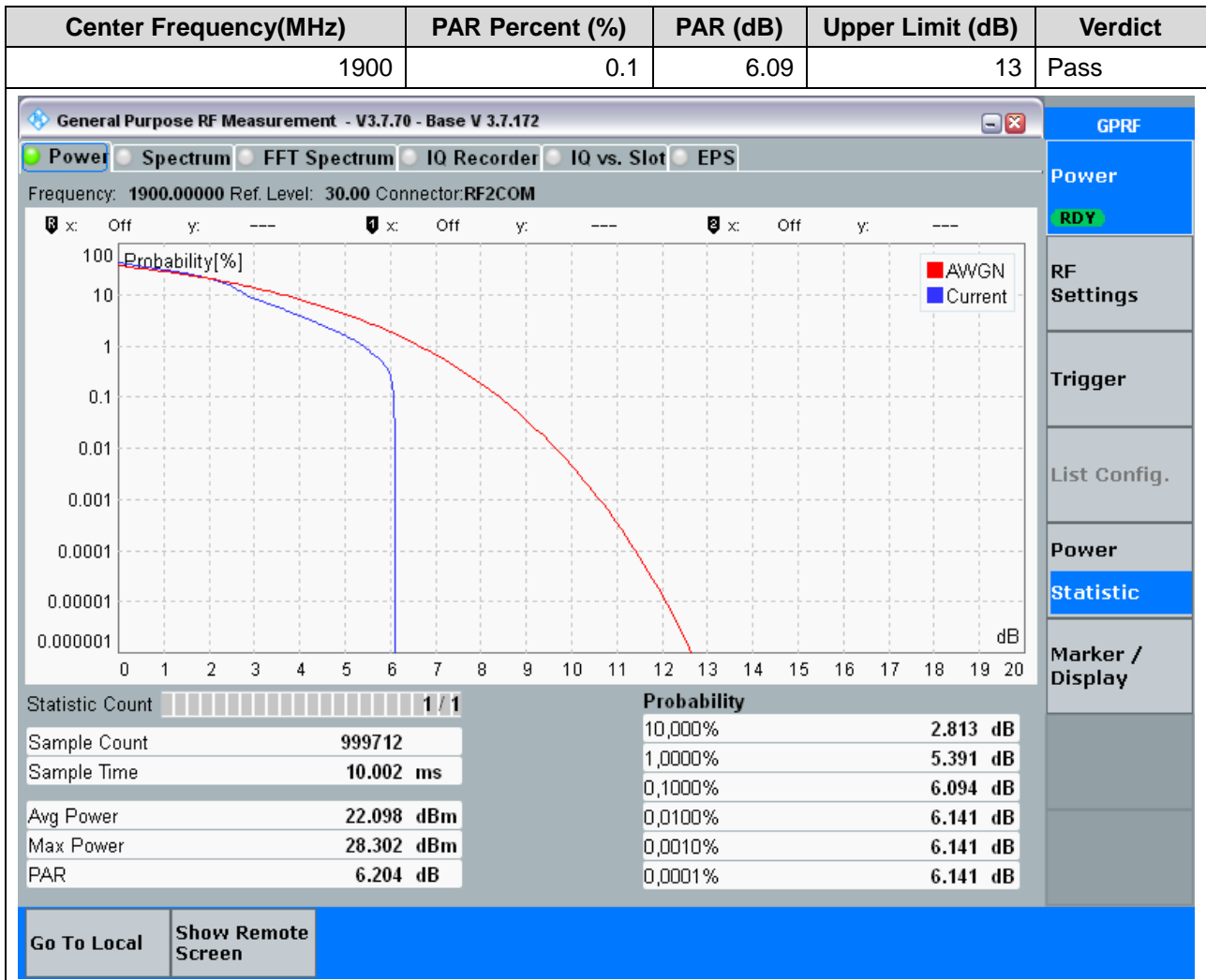
**5.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



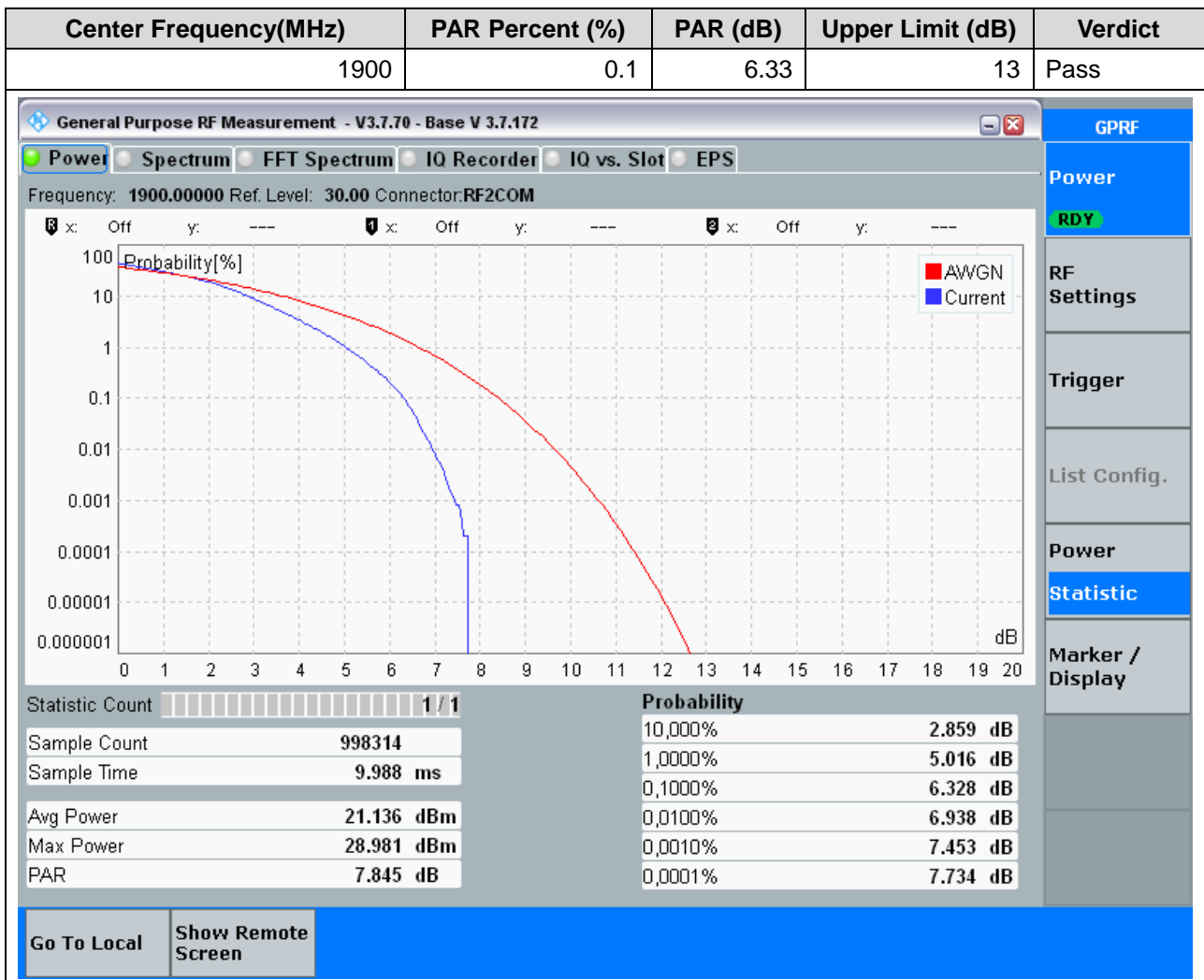
**5.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



**5.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

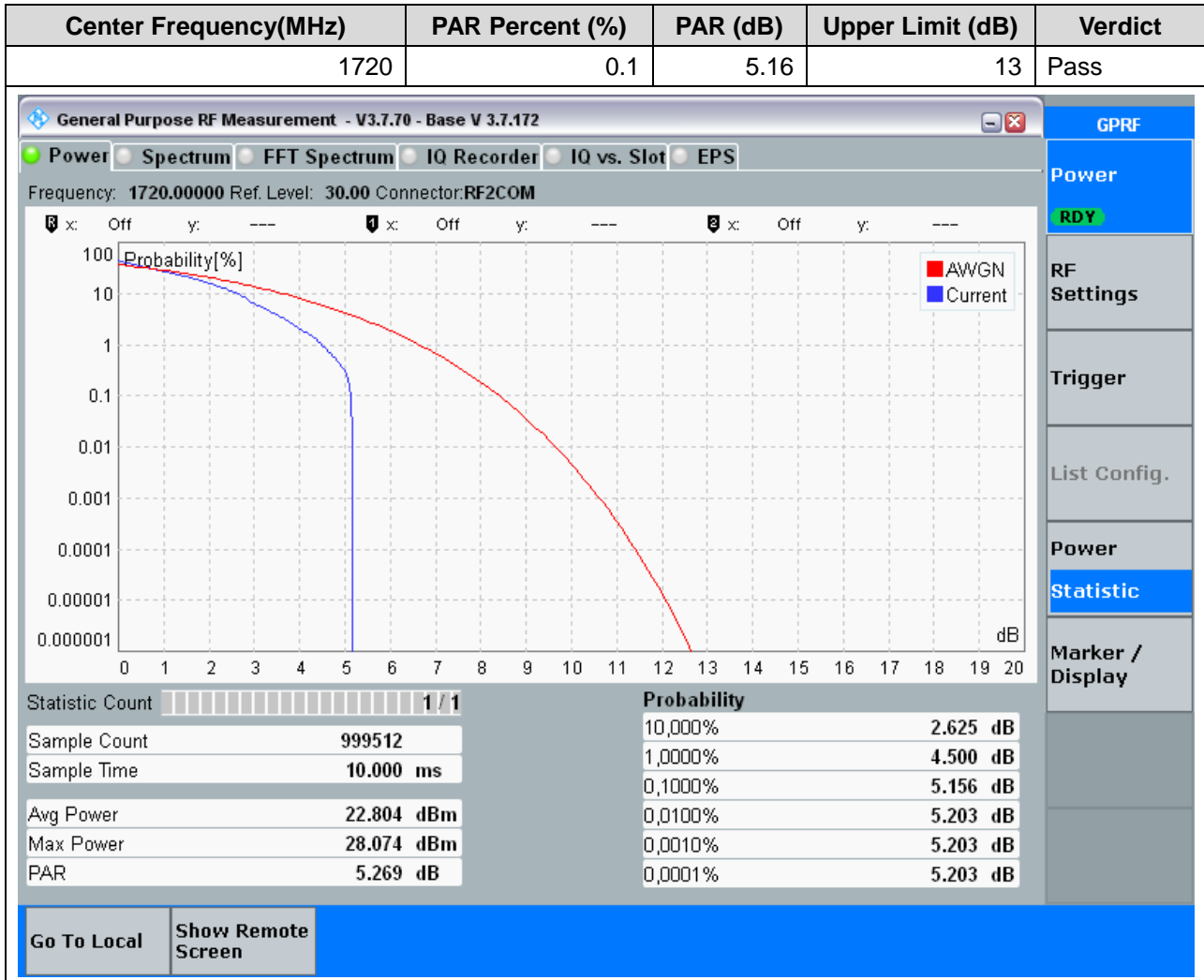


**5.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

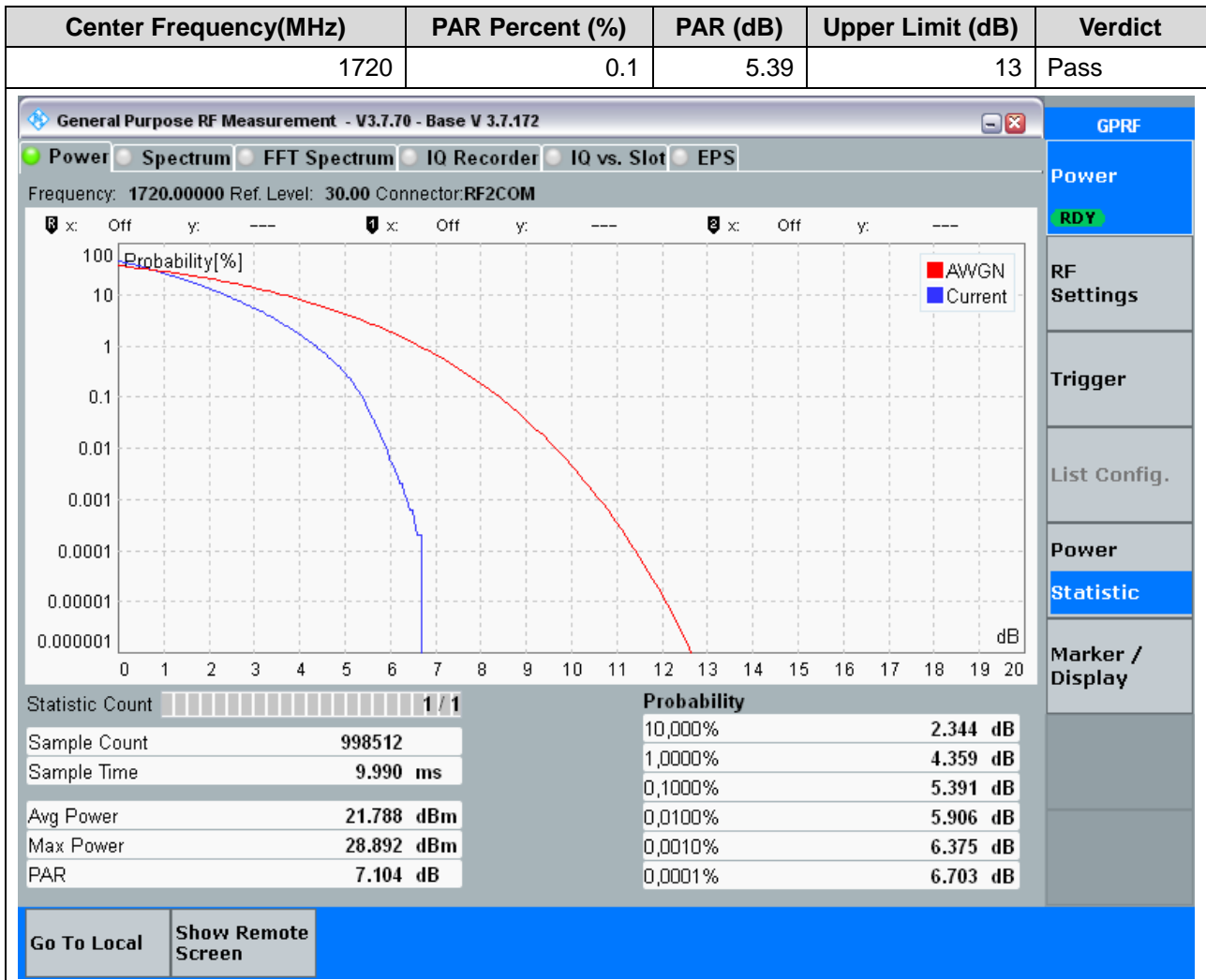


## 5. LTE\_Band4

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

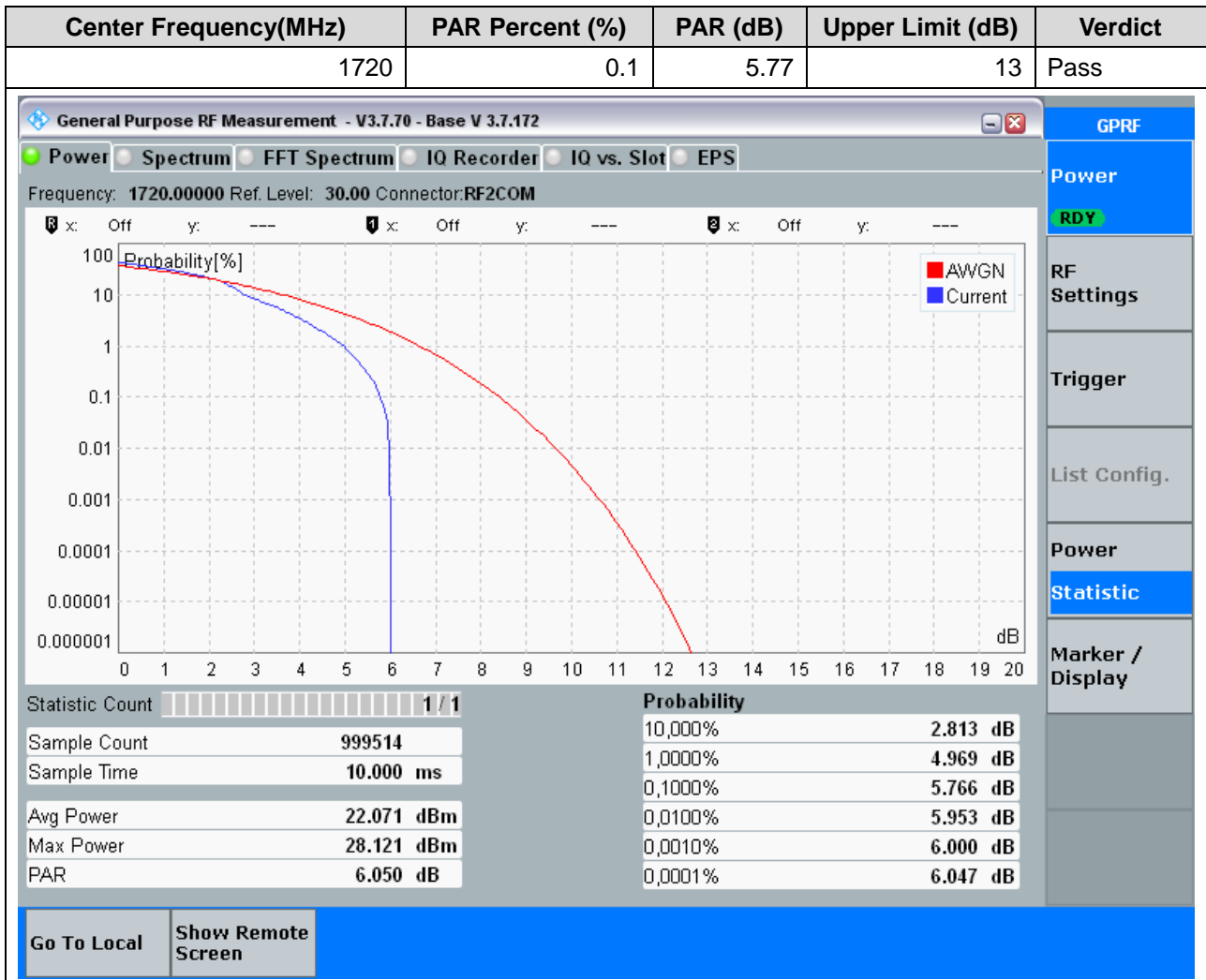


**5.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

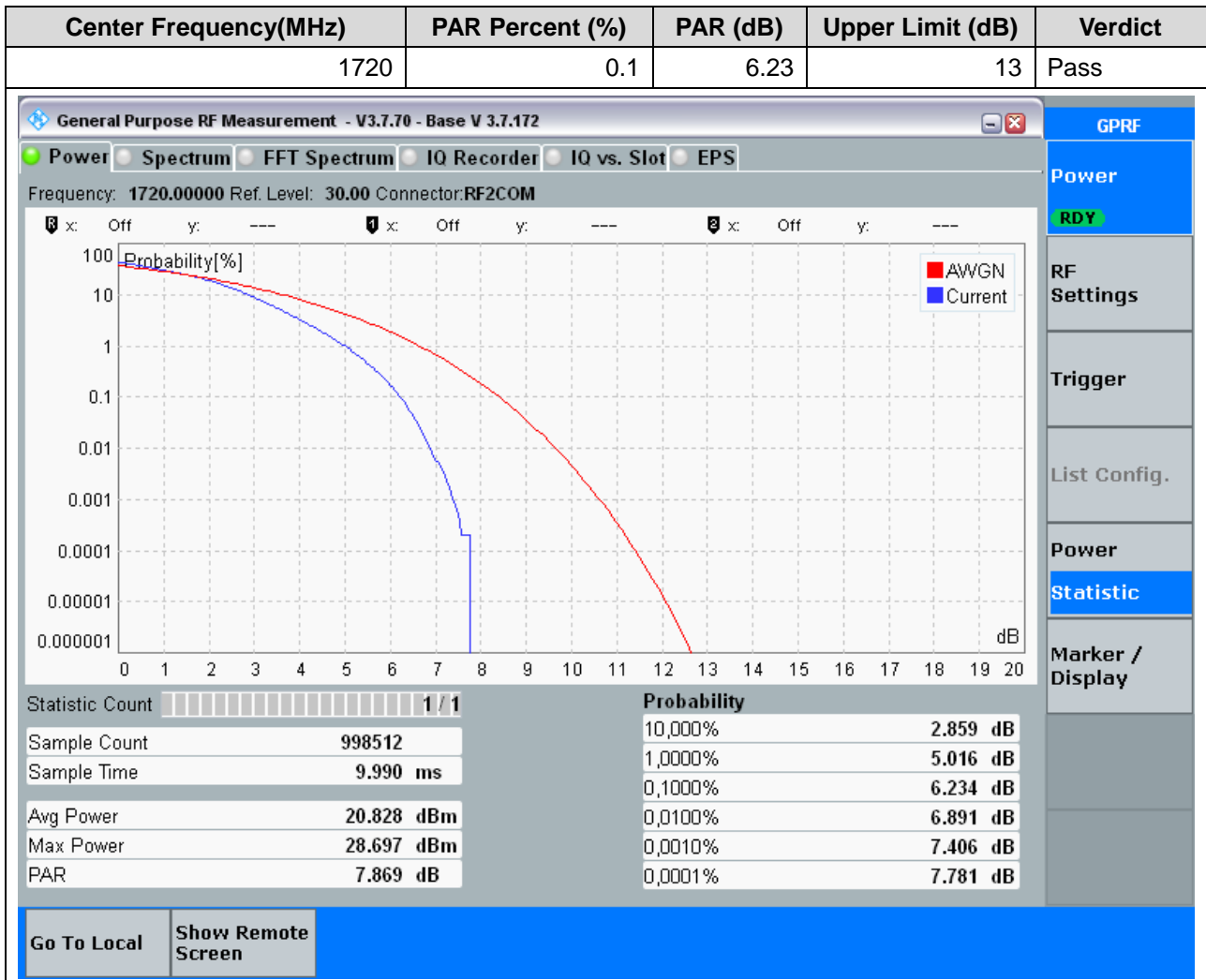




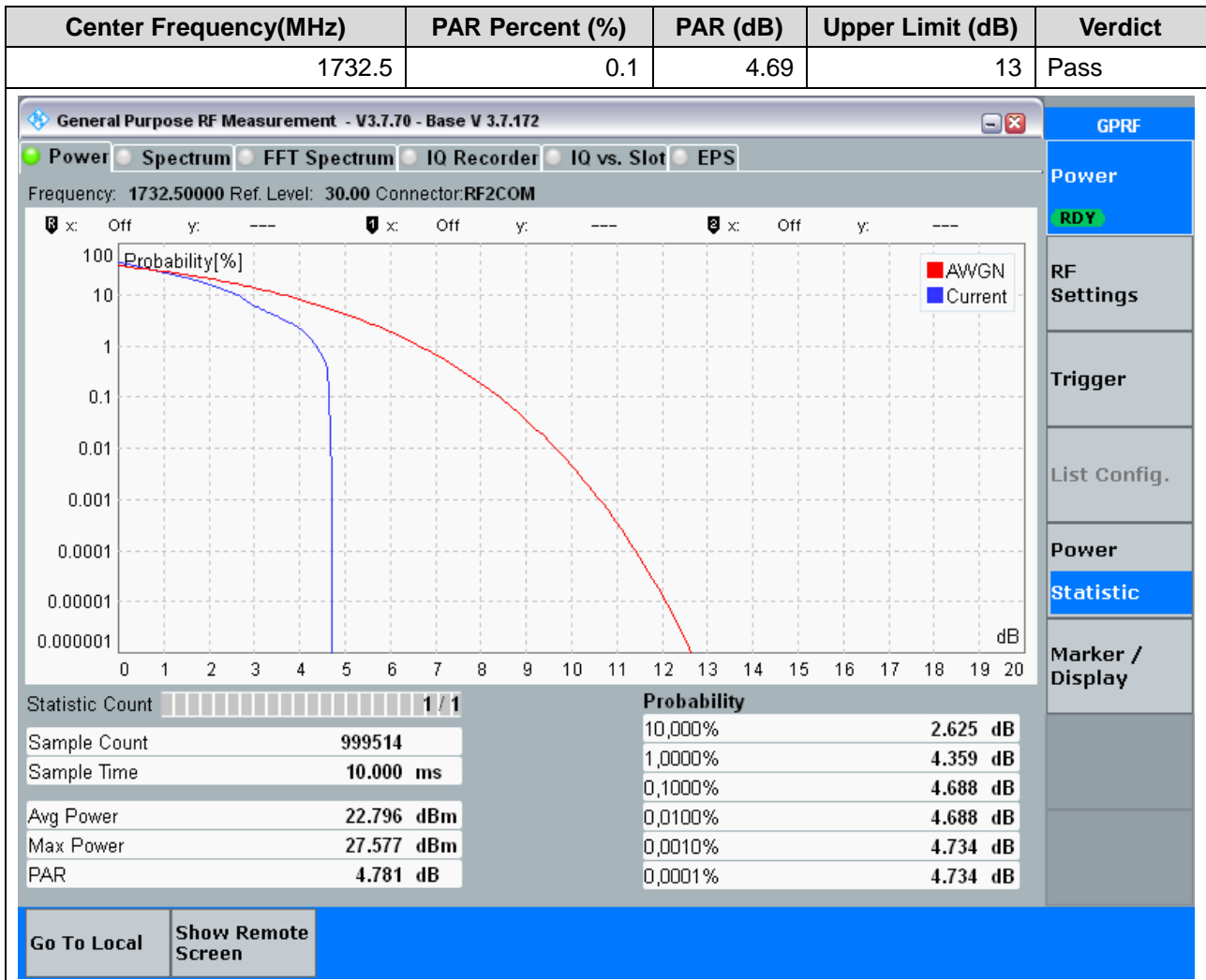
### 5.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



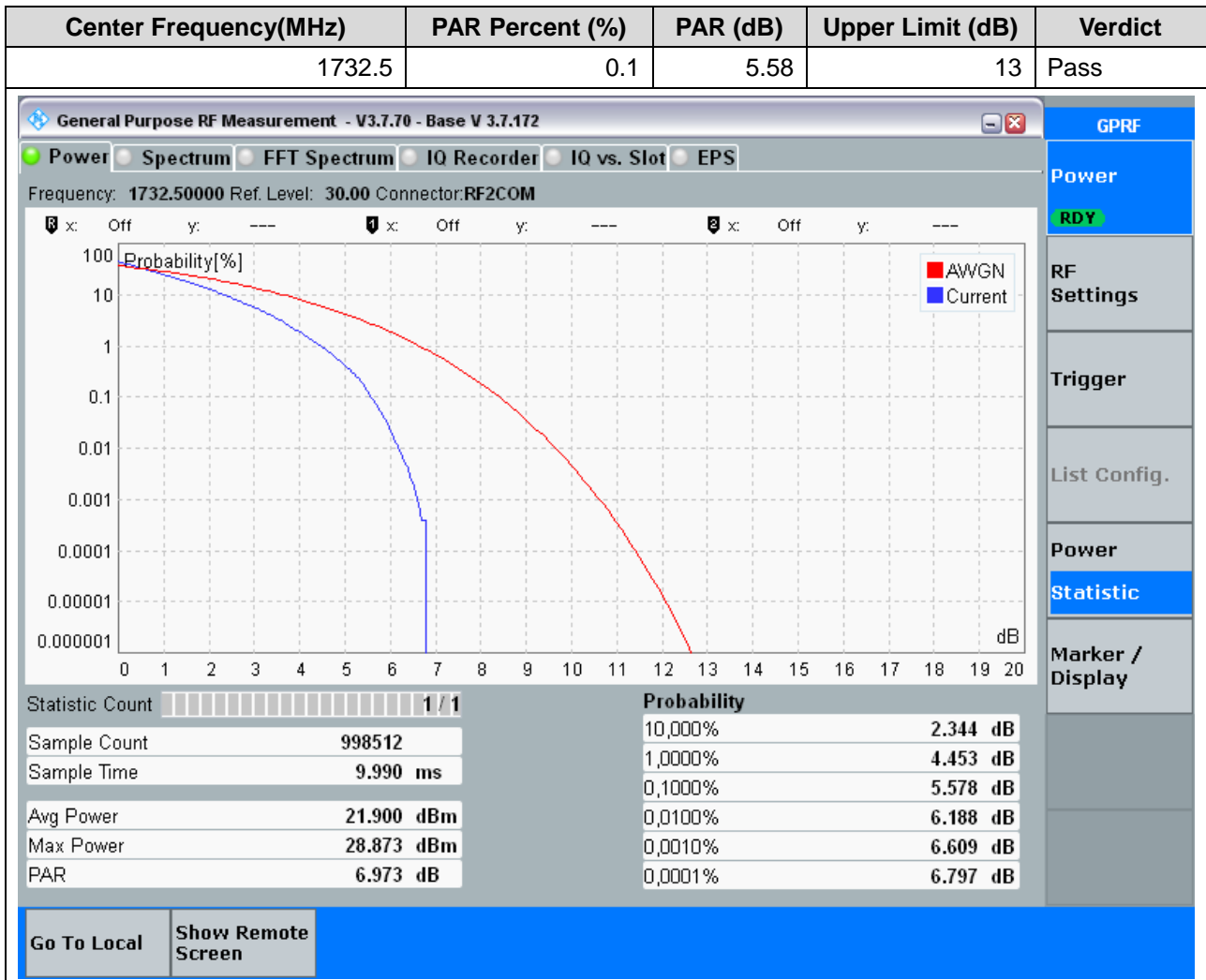
**5.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



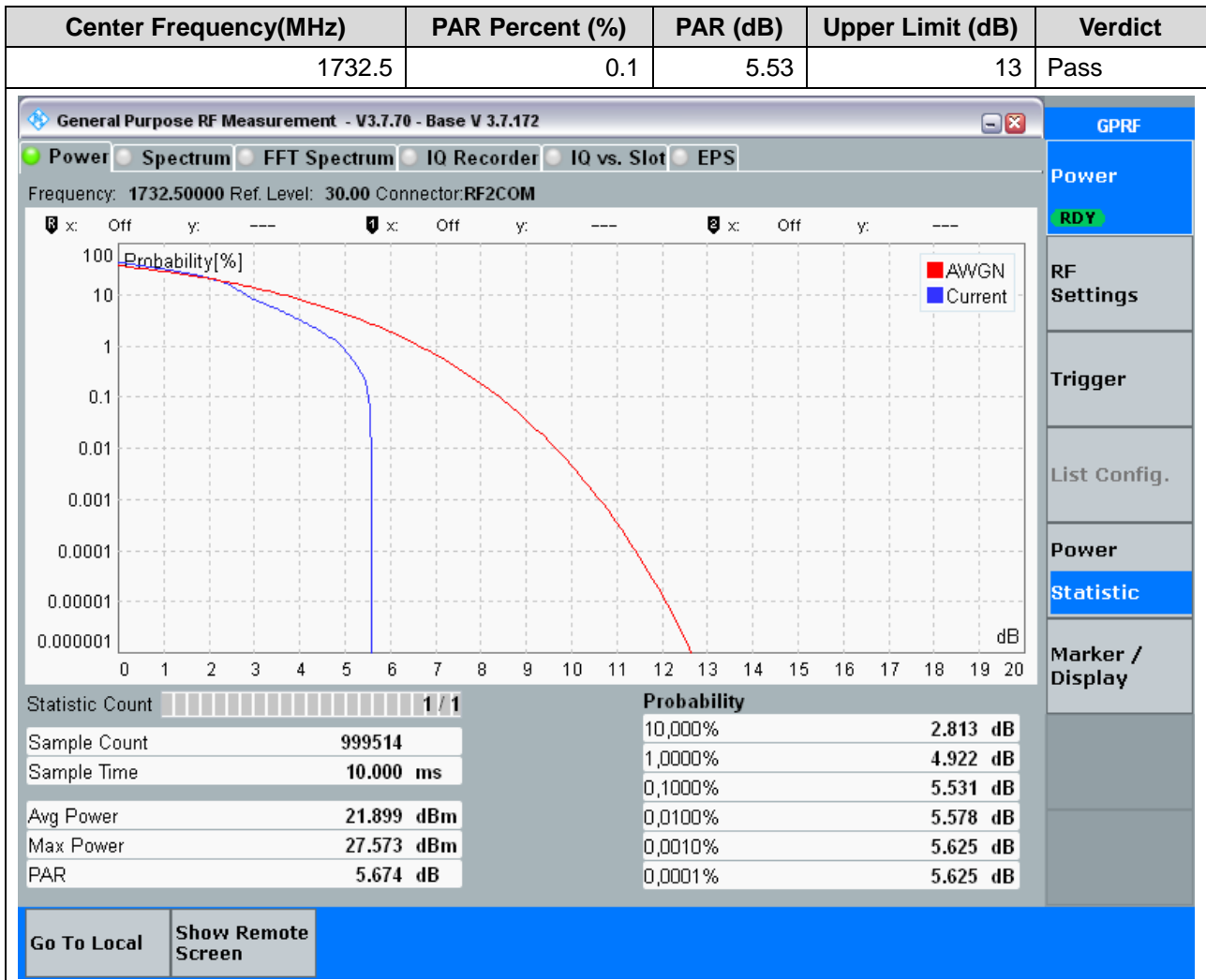
**5.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



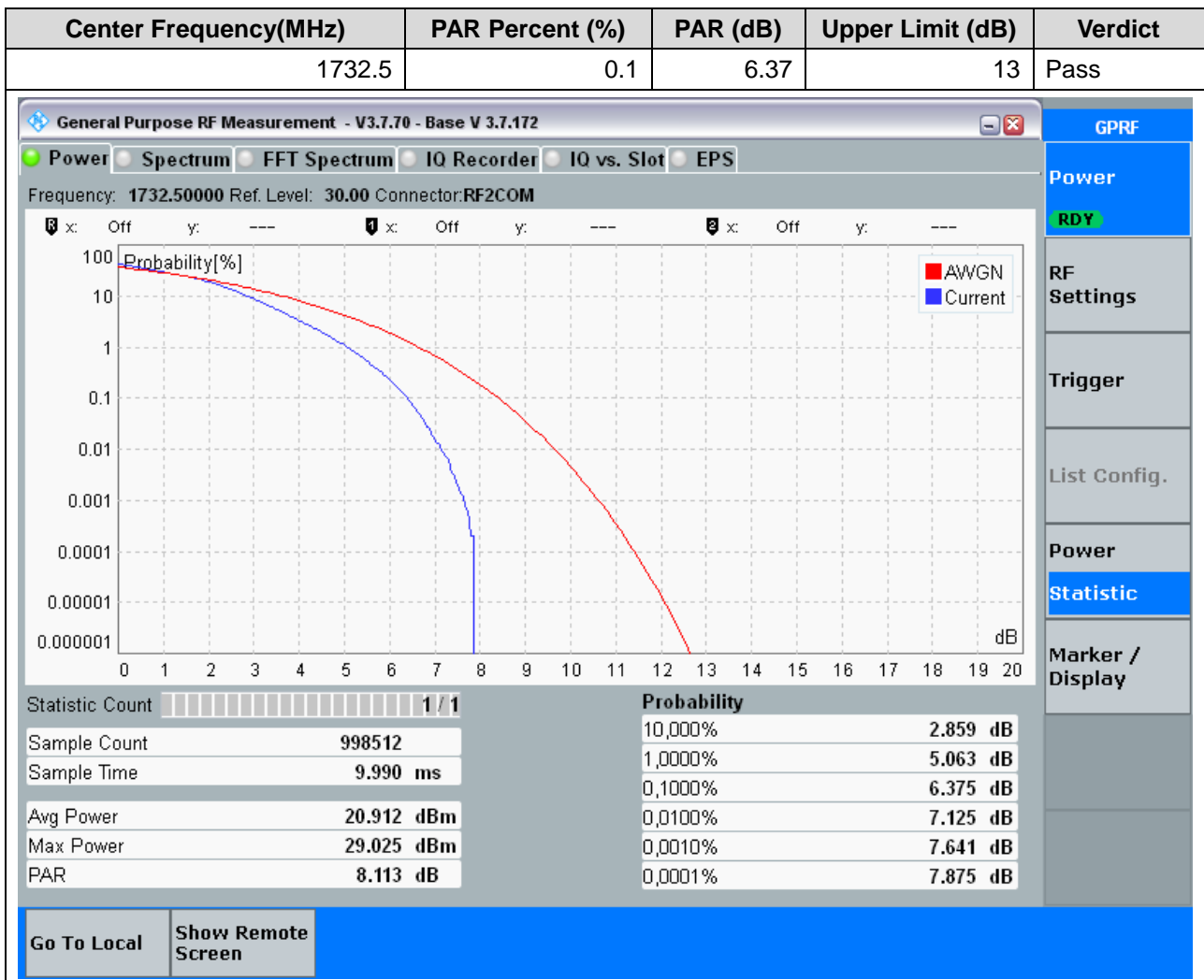
**5.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



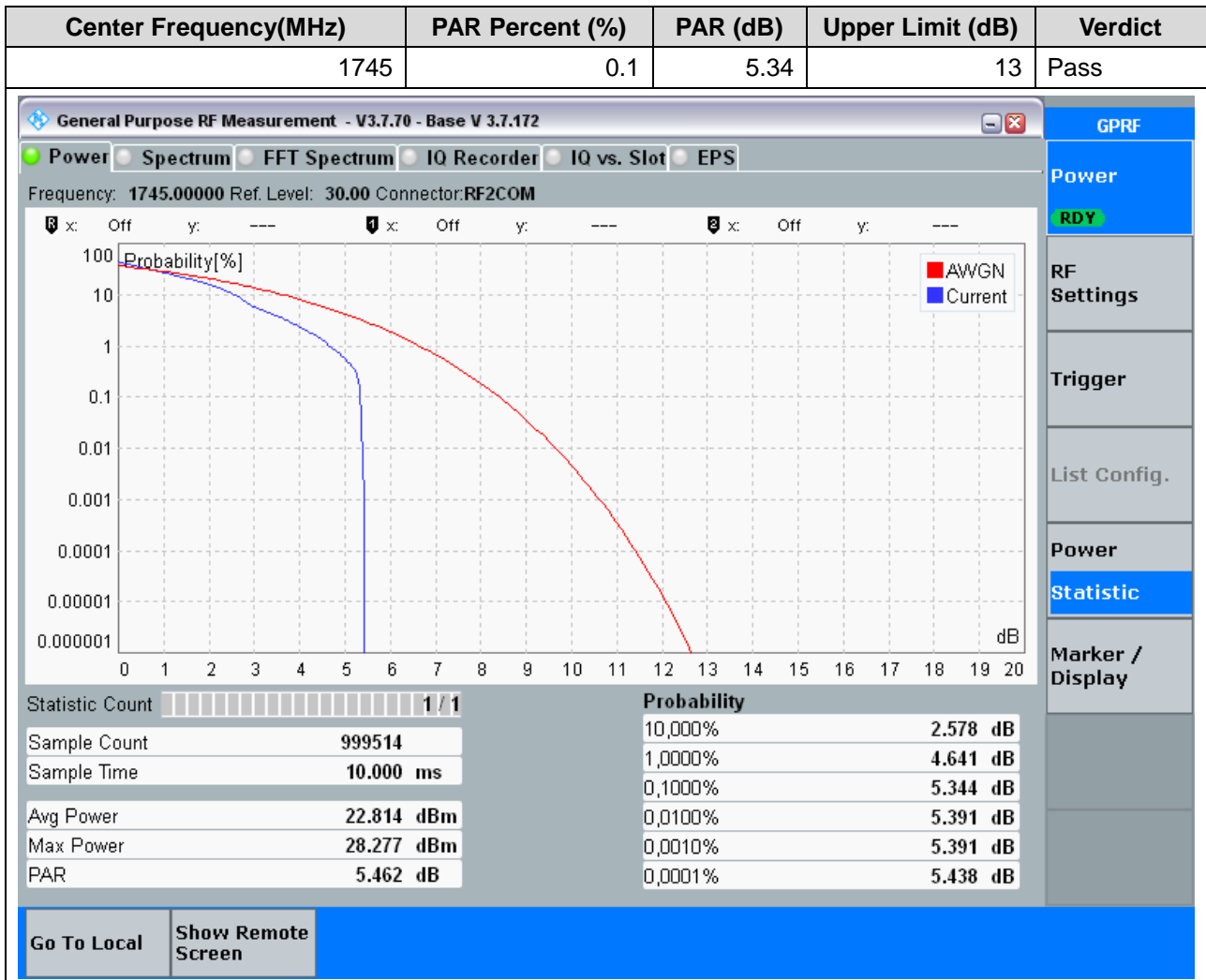
**5.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



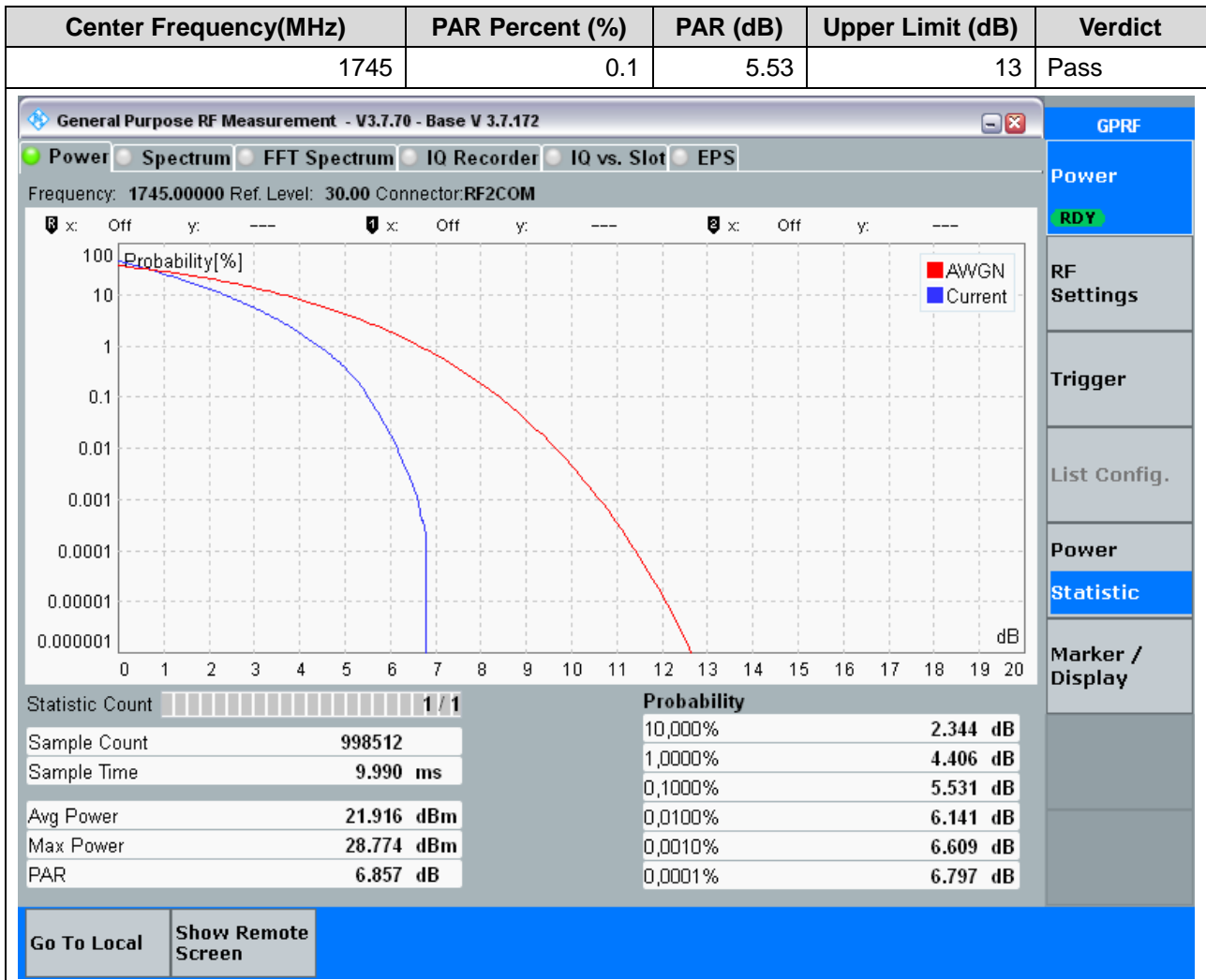
**5.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



**5.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

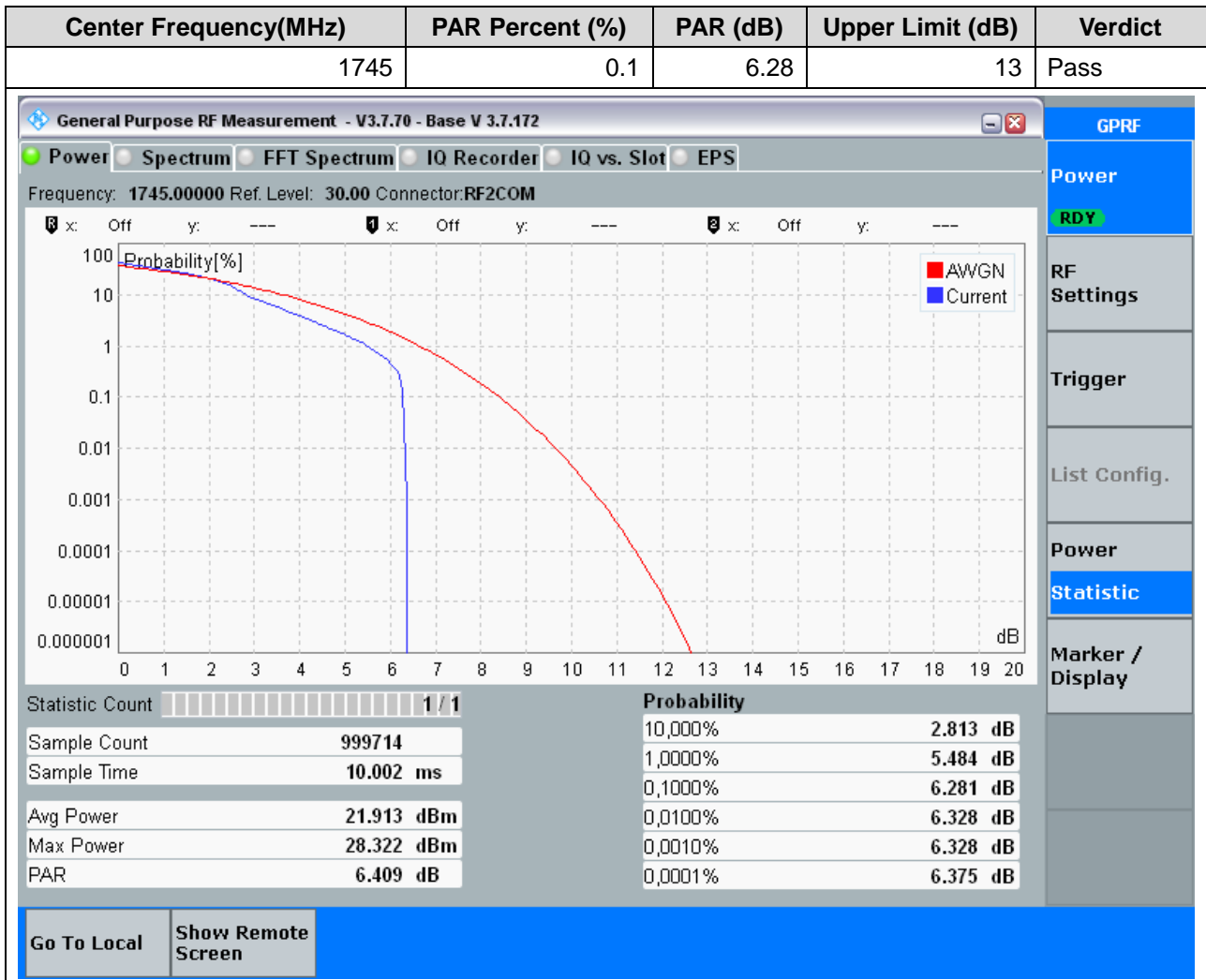


**5.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

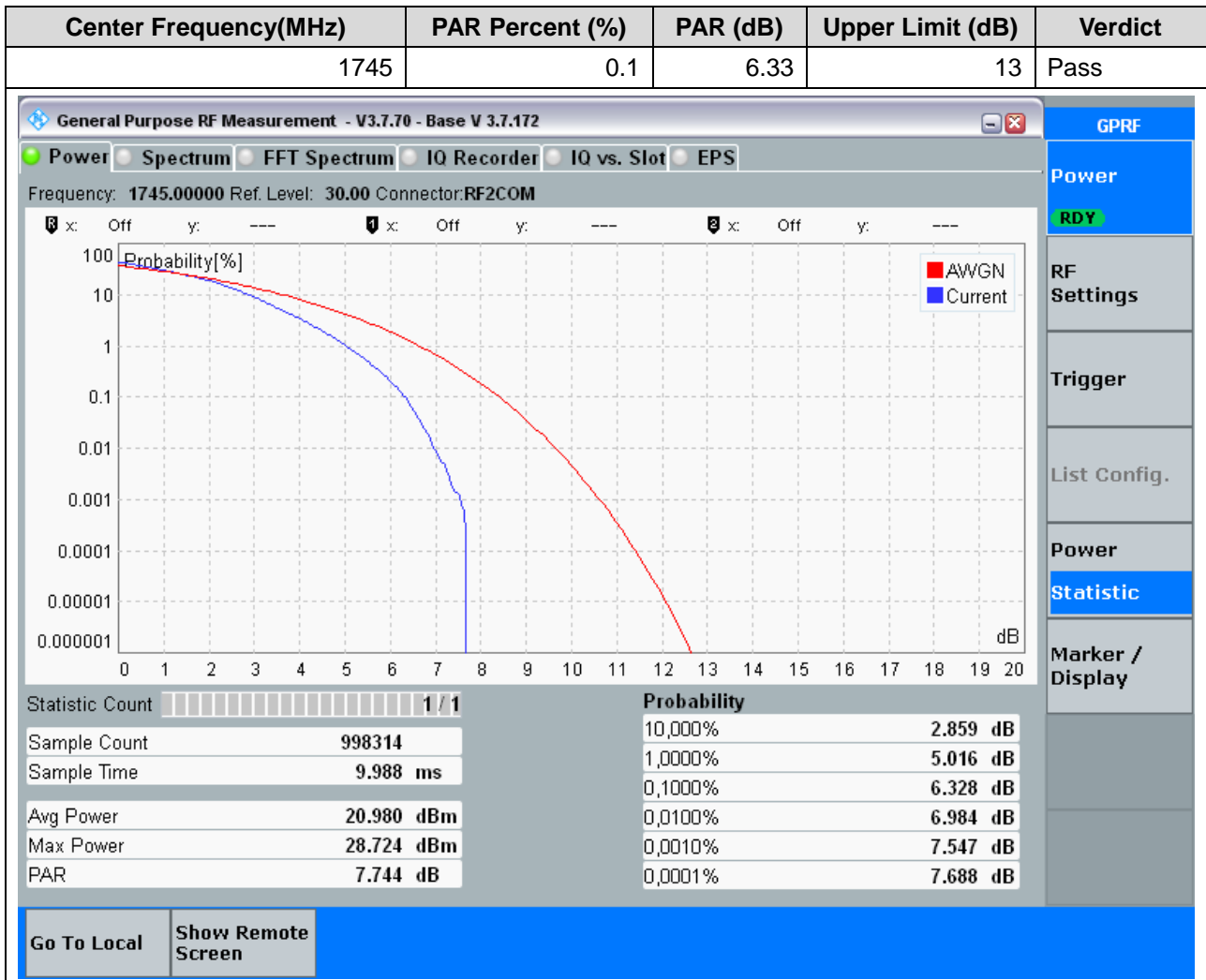




**5.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

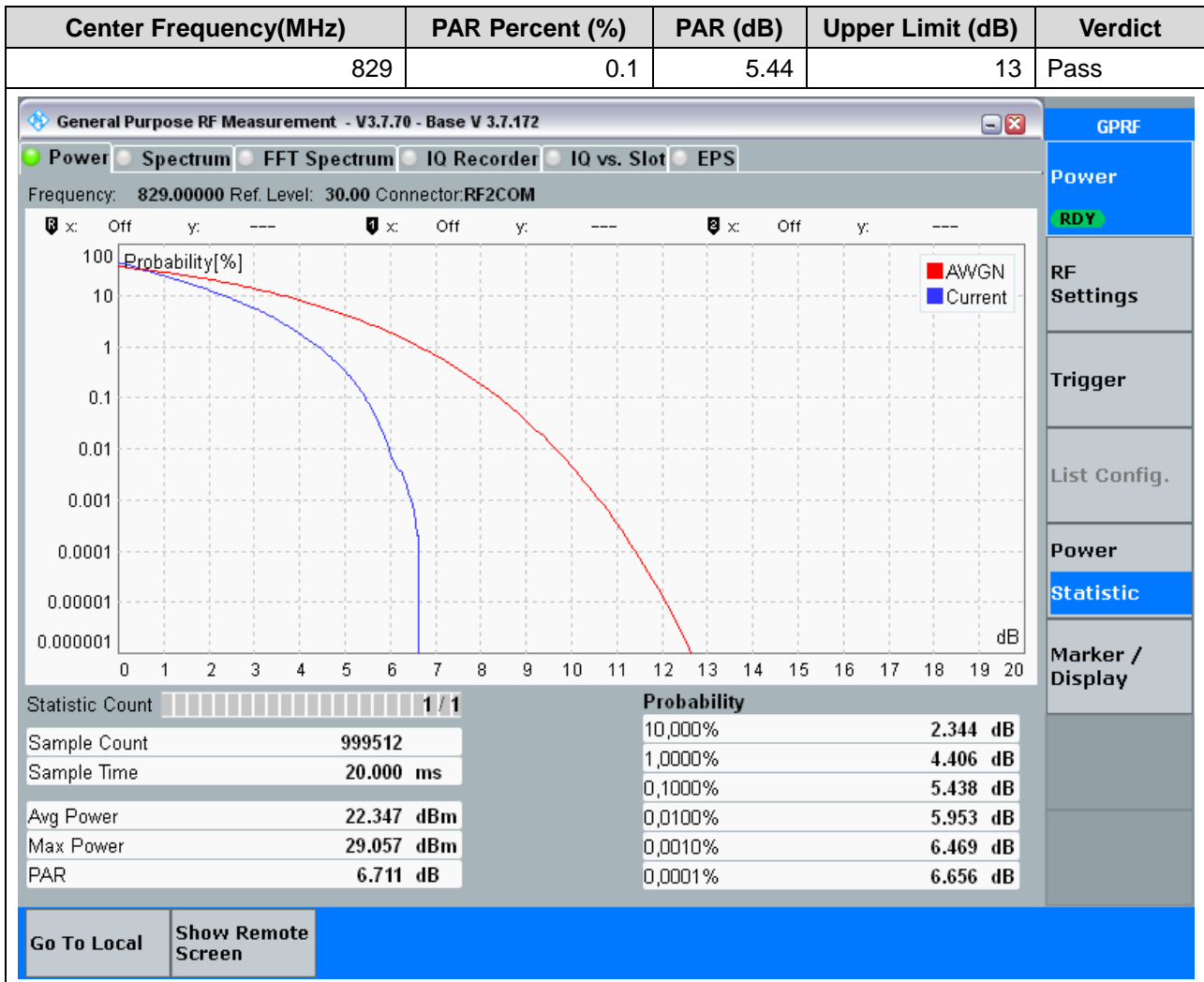


**5.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

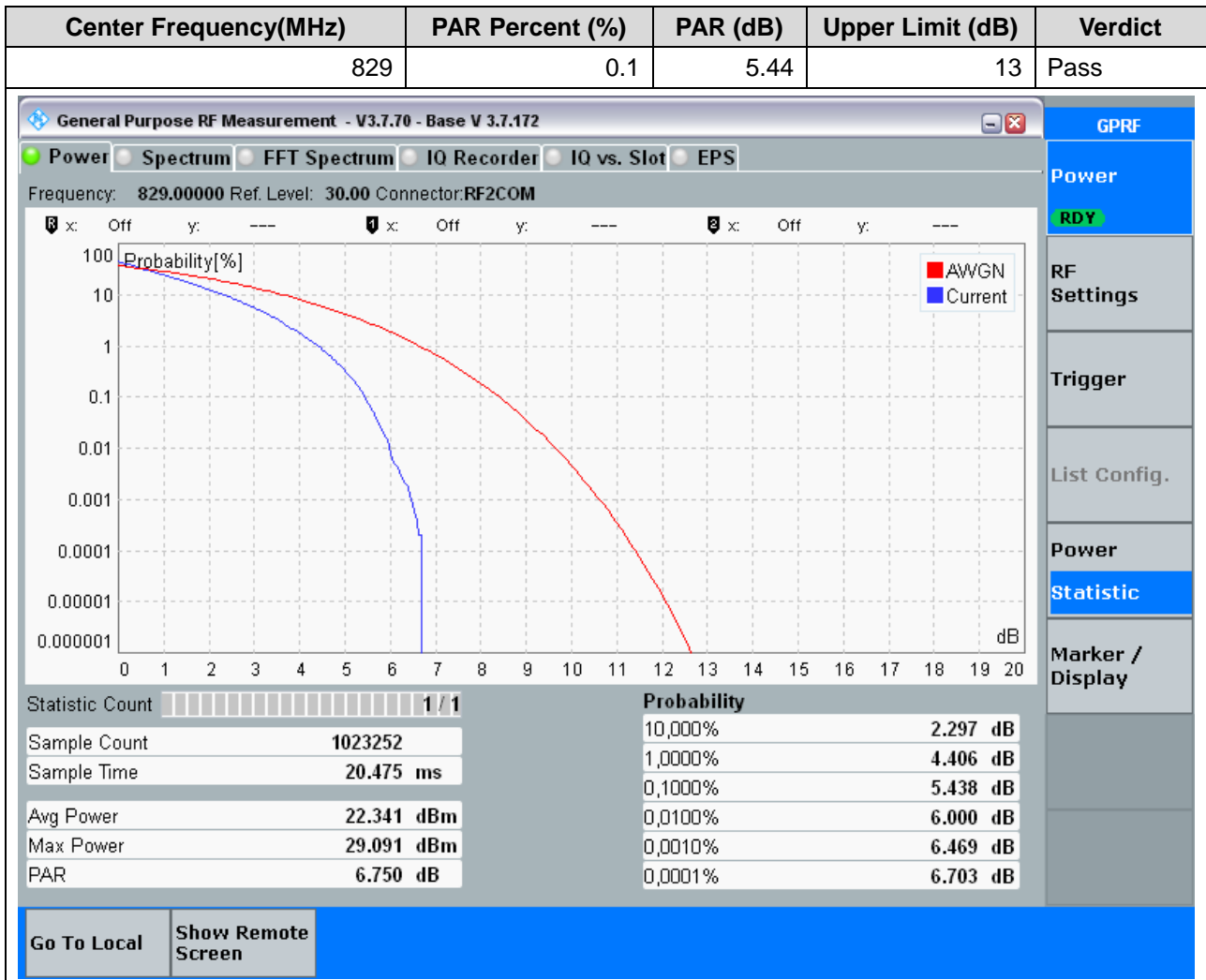


## 6. LTE\_Band5

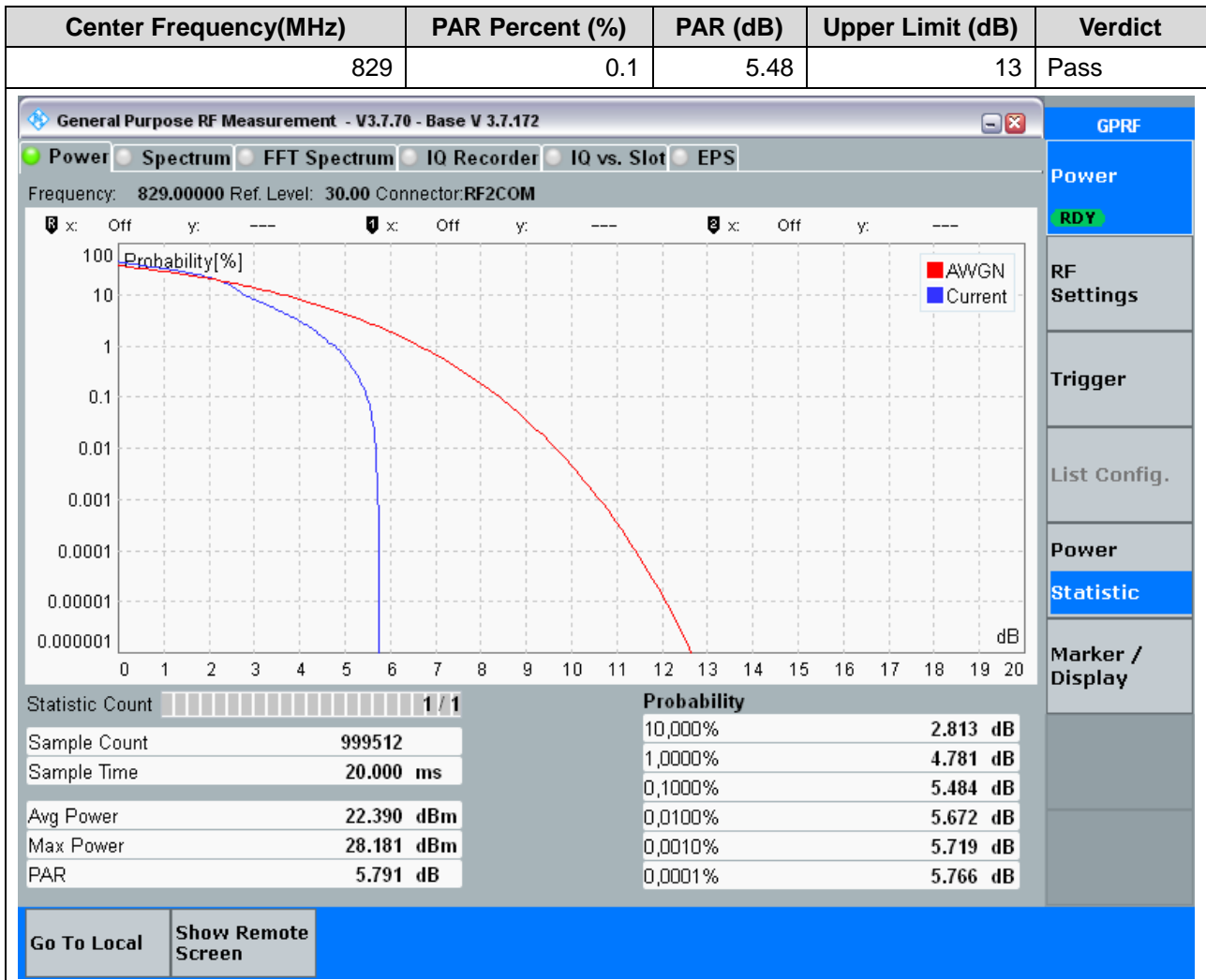
### 6.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



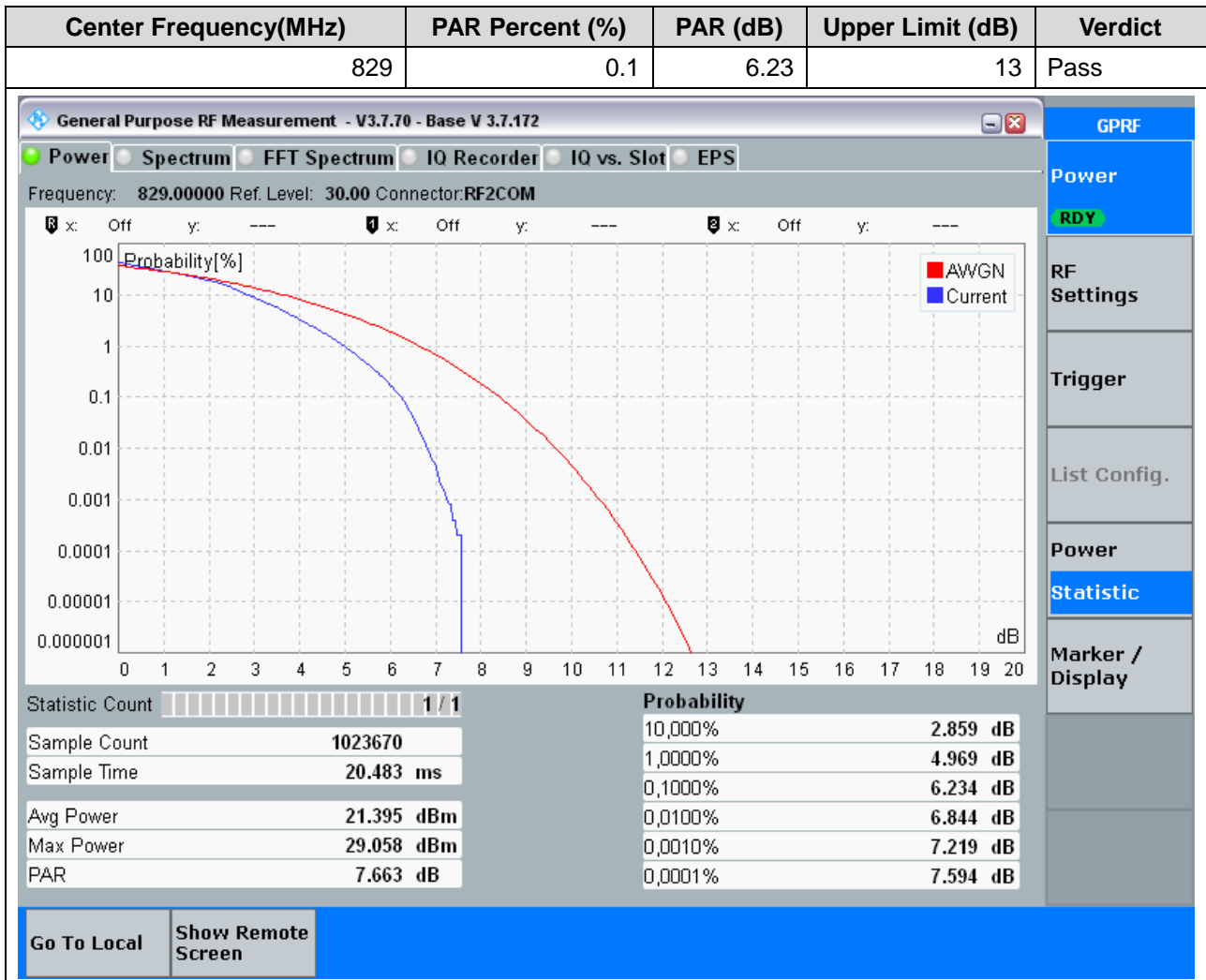
**6.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



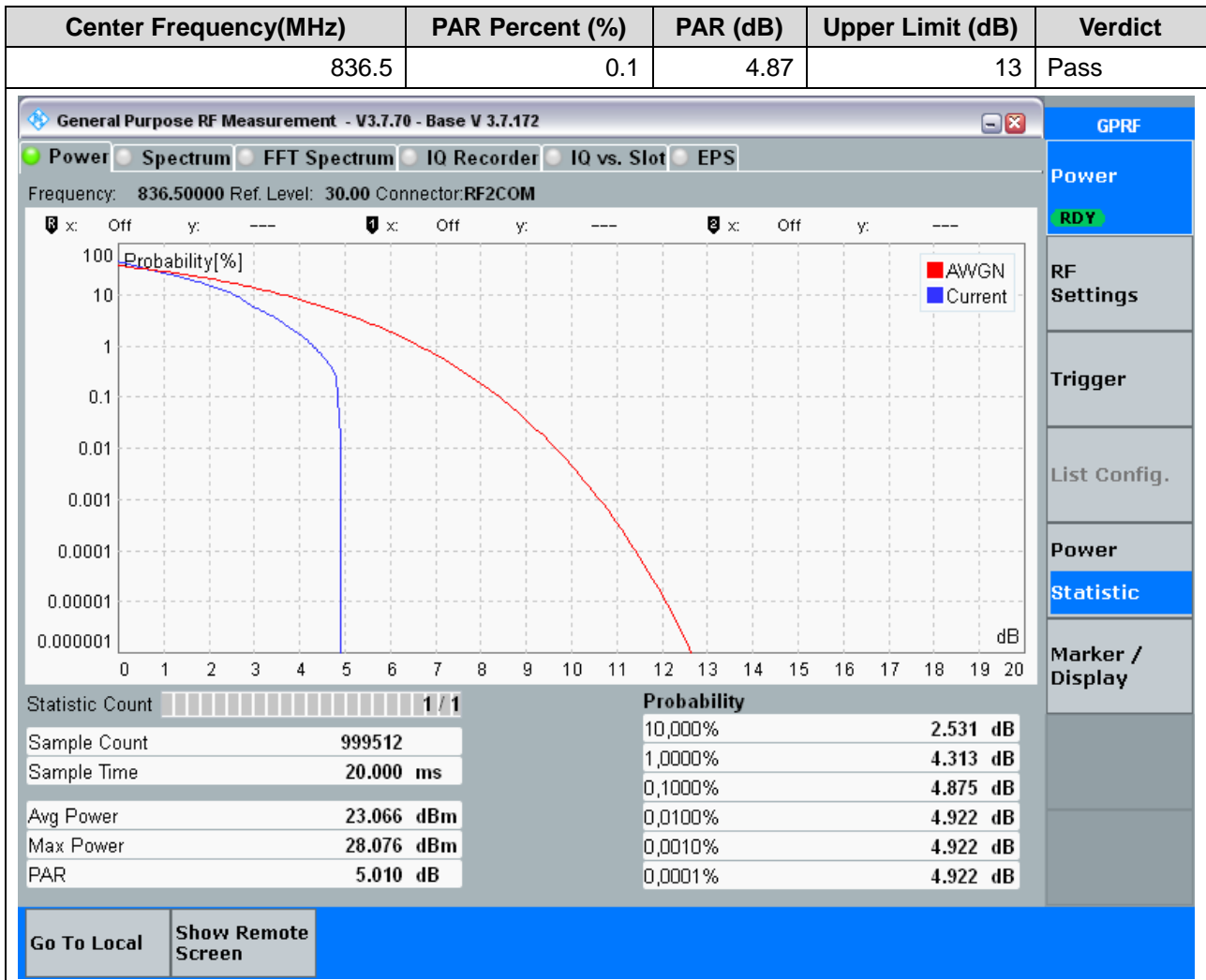
### 6.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



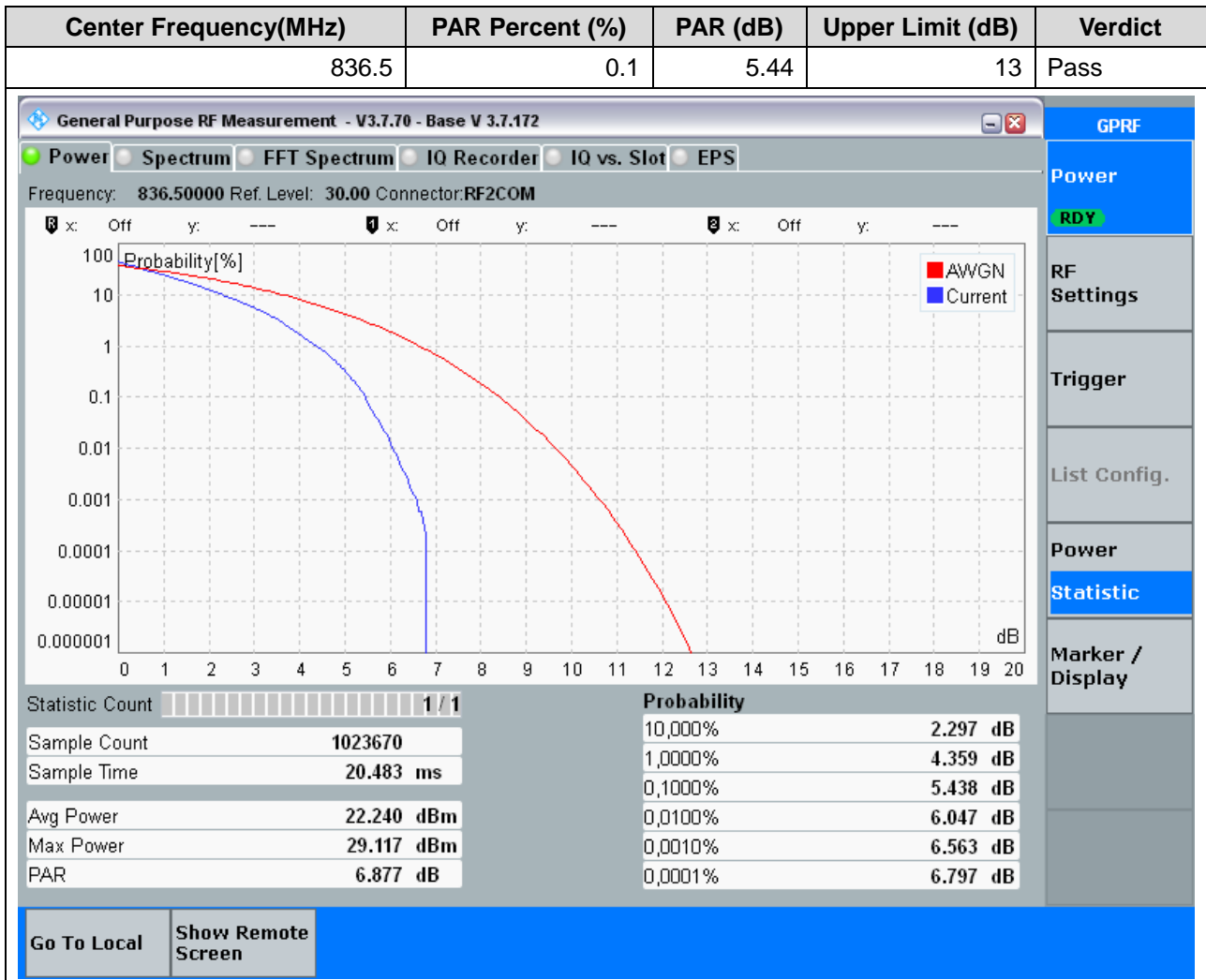
### 6.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



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

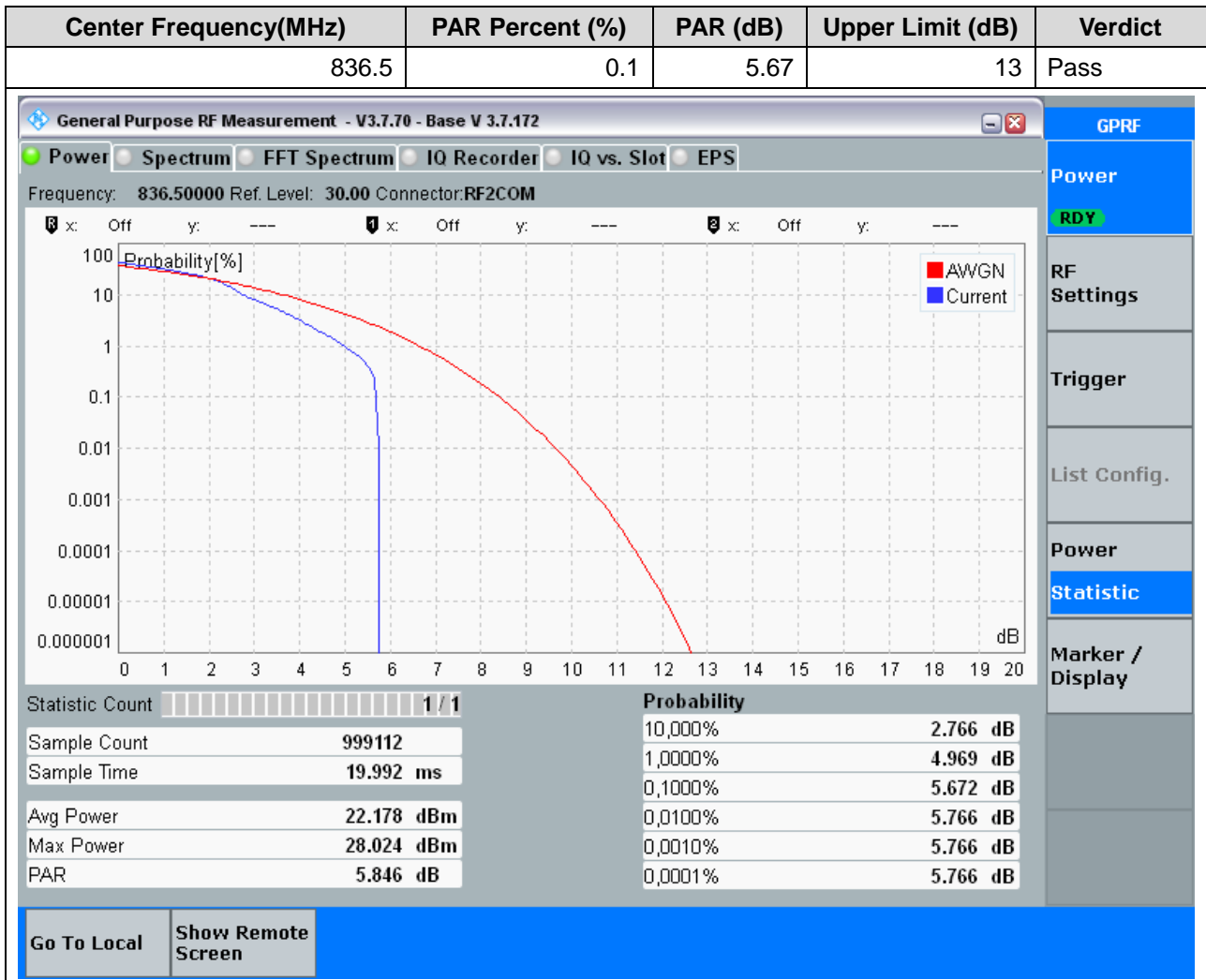


**6.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

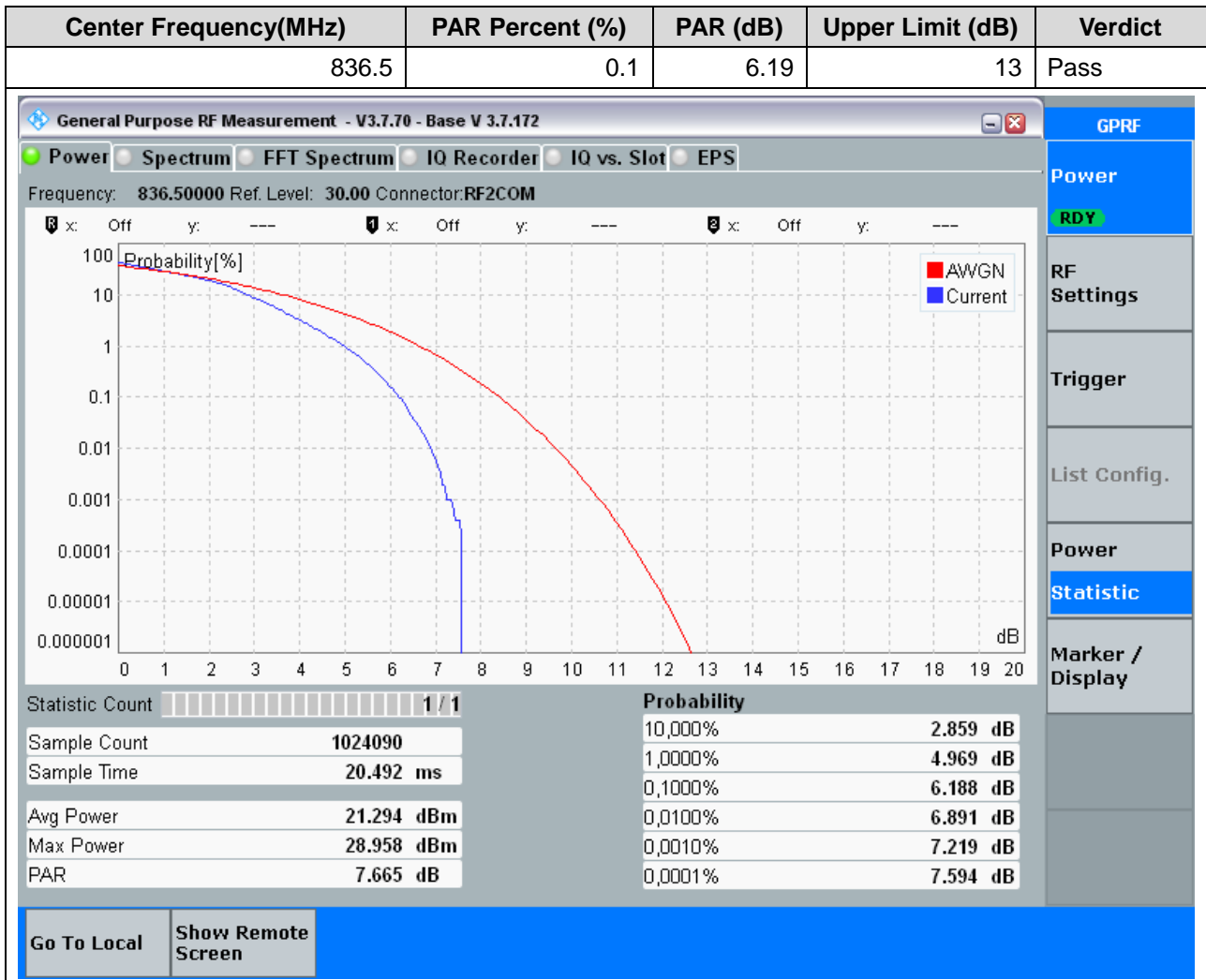




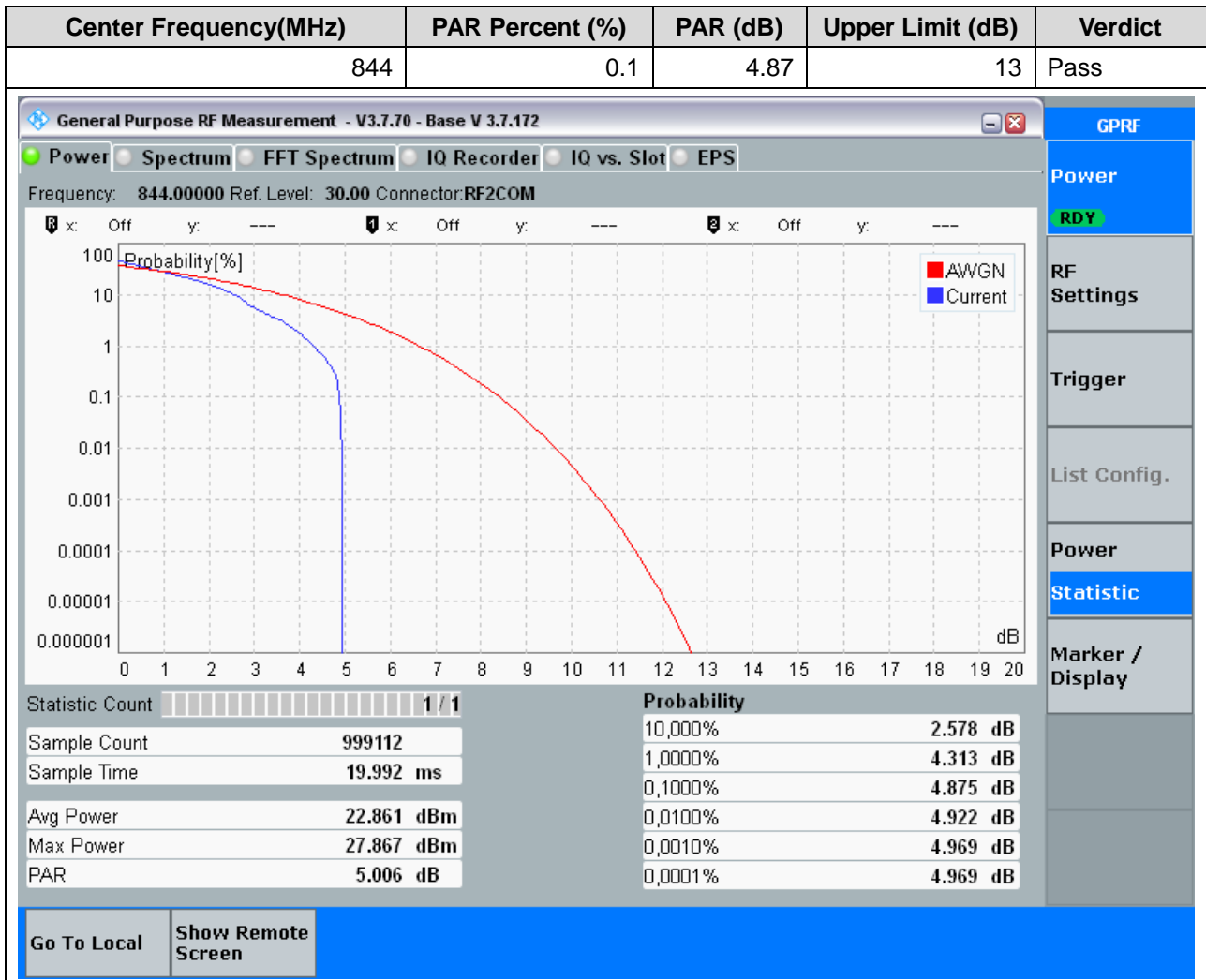
**6.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**



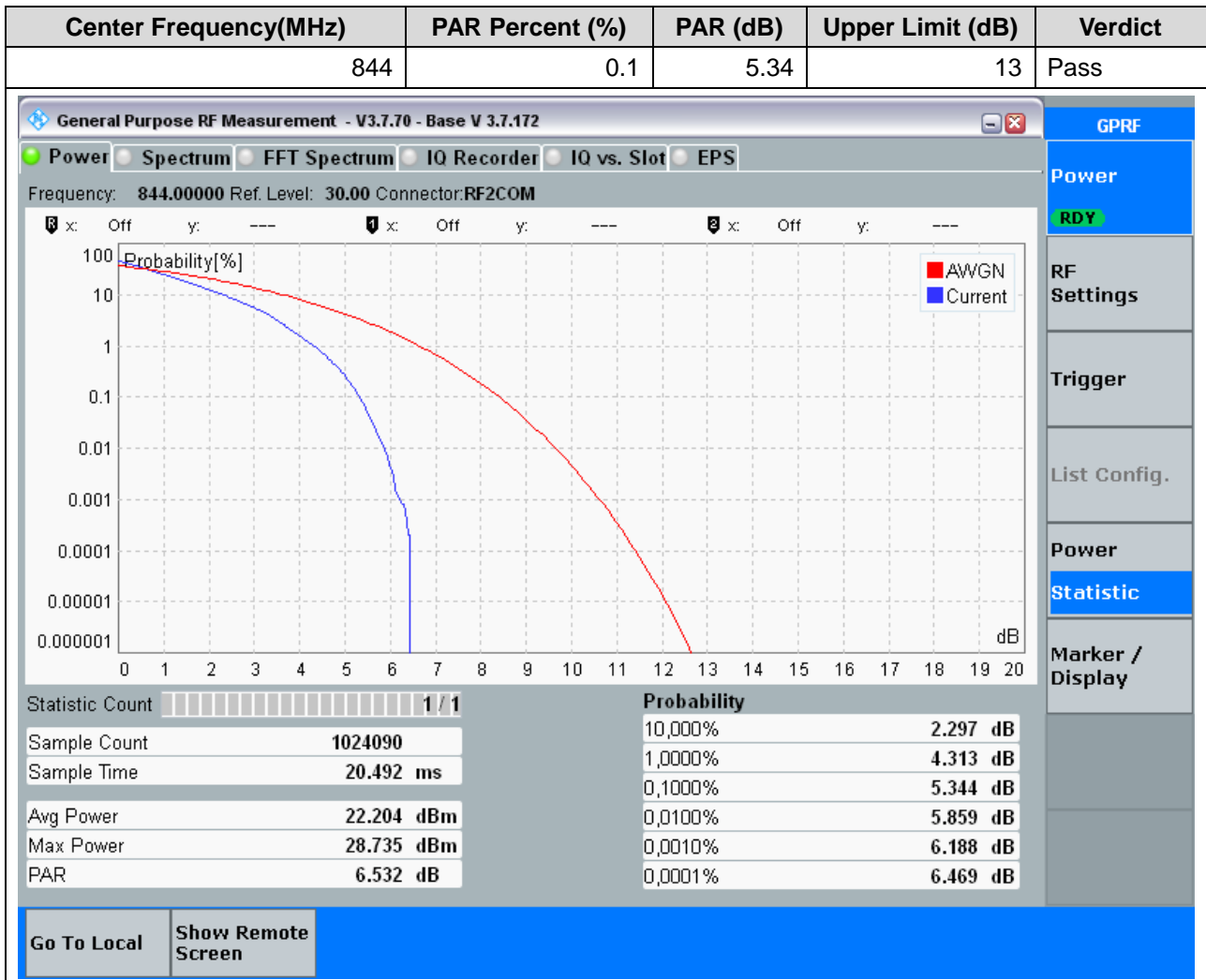
**6.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**



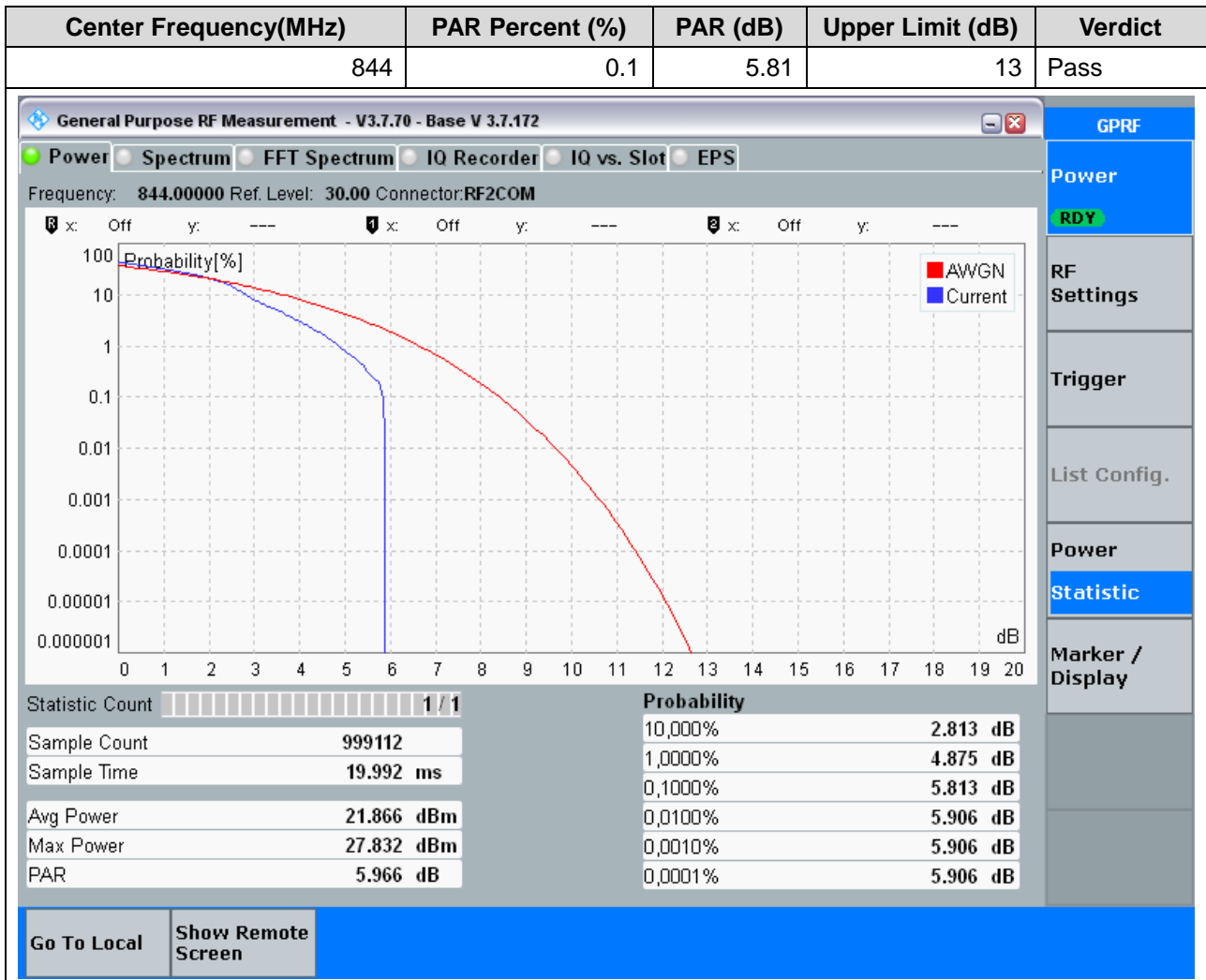
**6.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



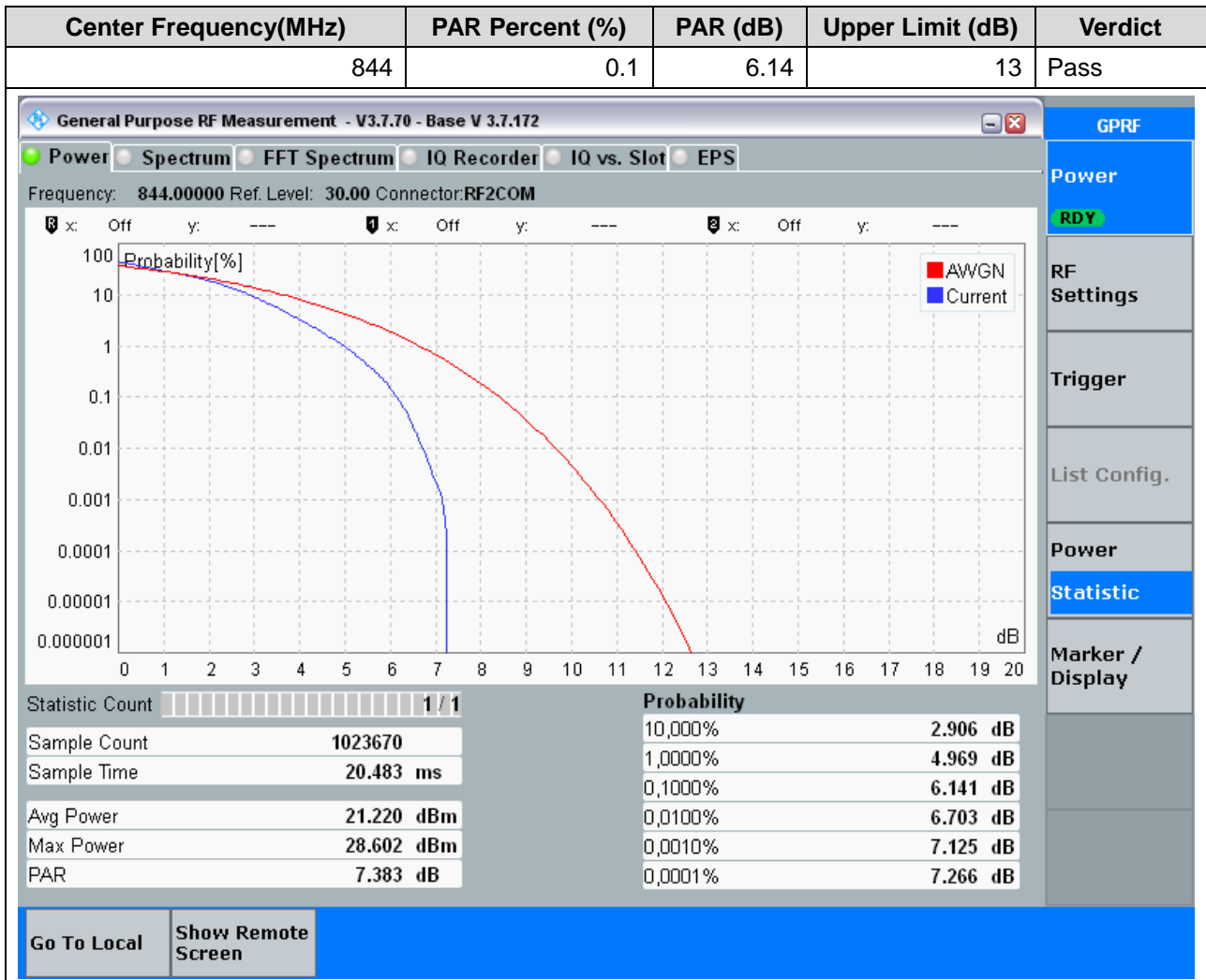
**6.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



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

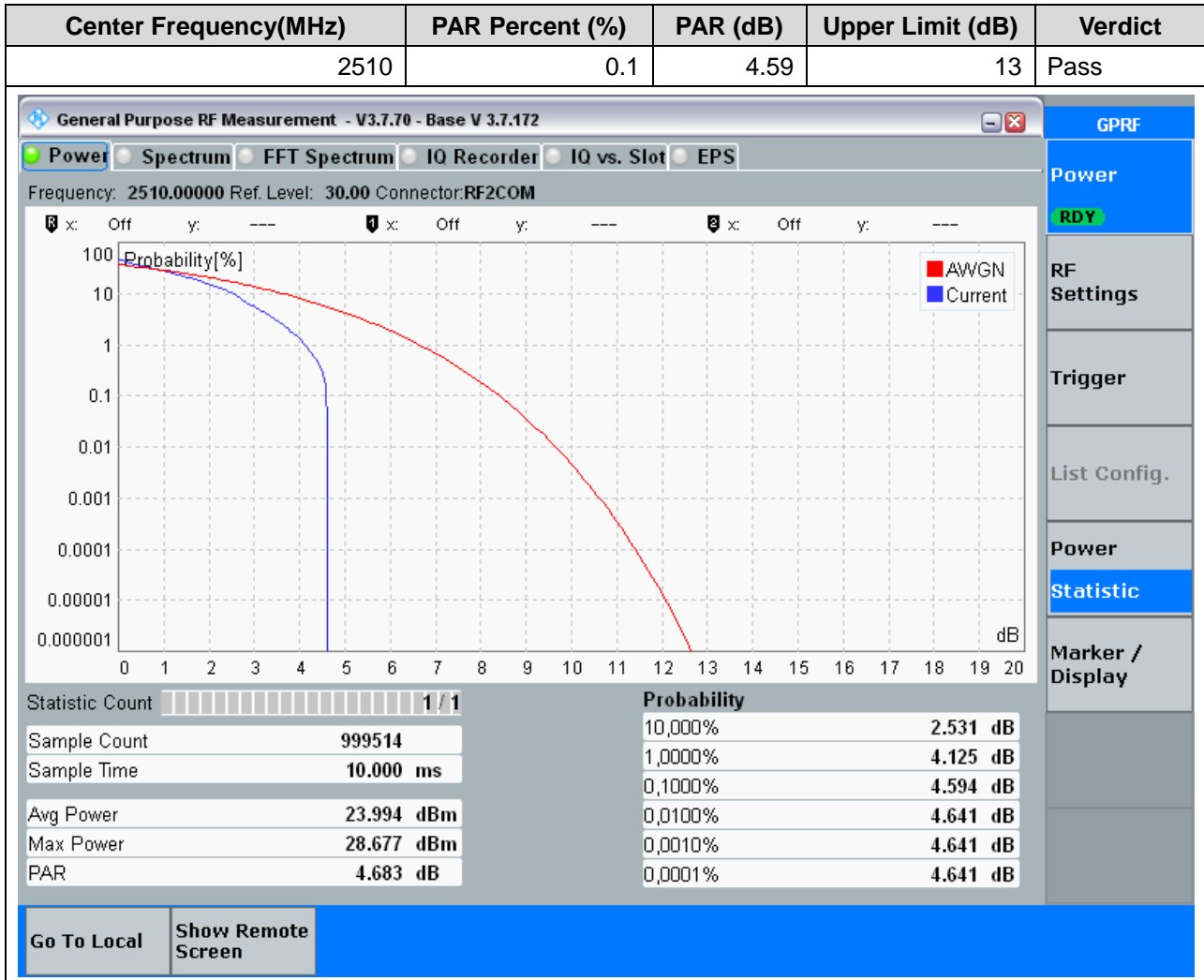


**6.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

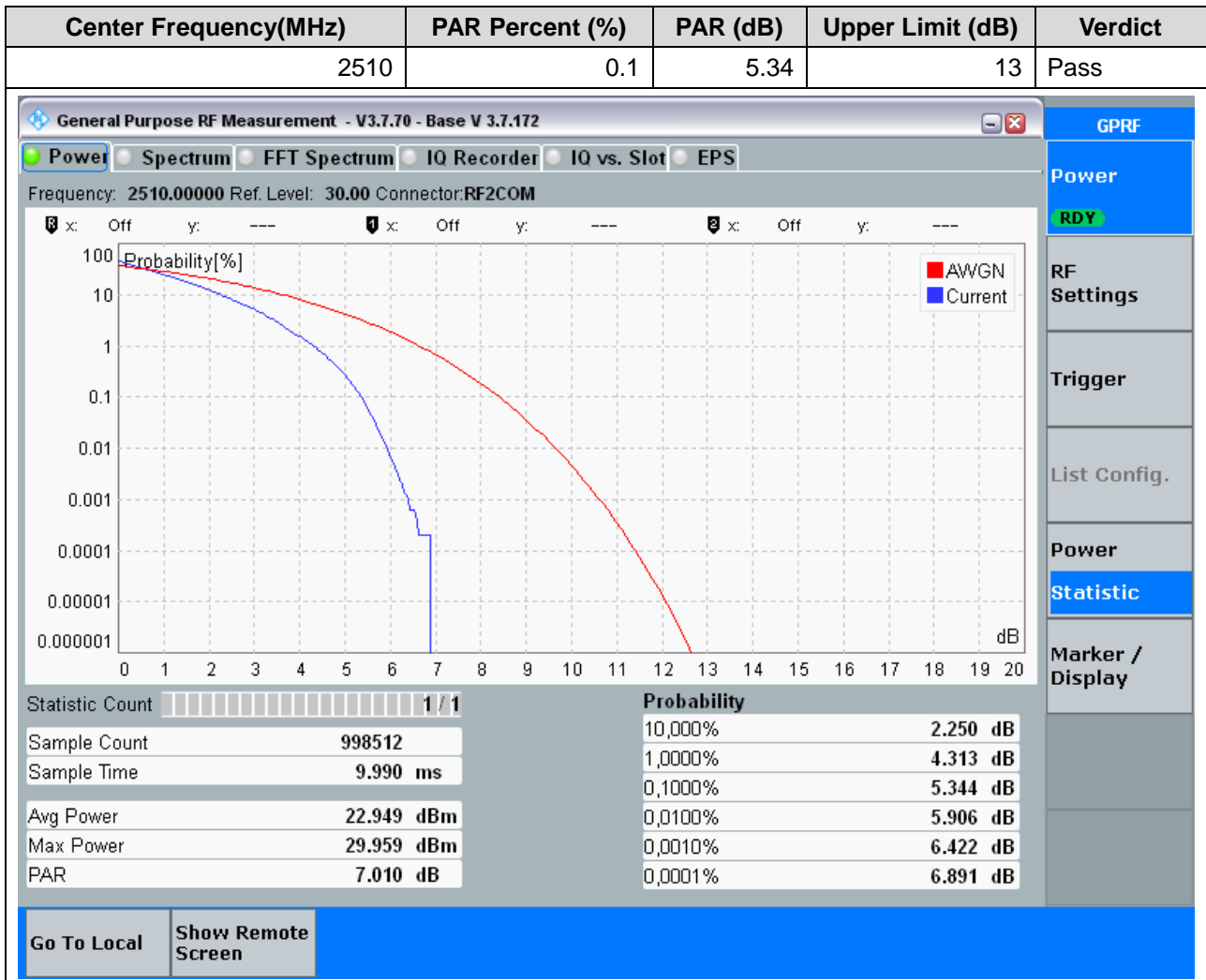


## 7. LTE\_Band7

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

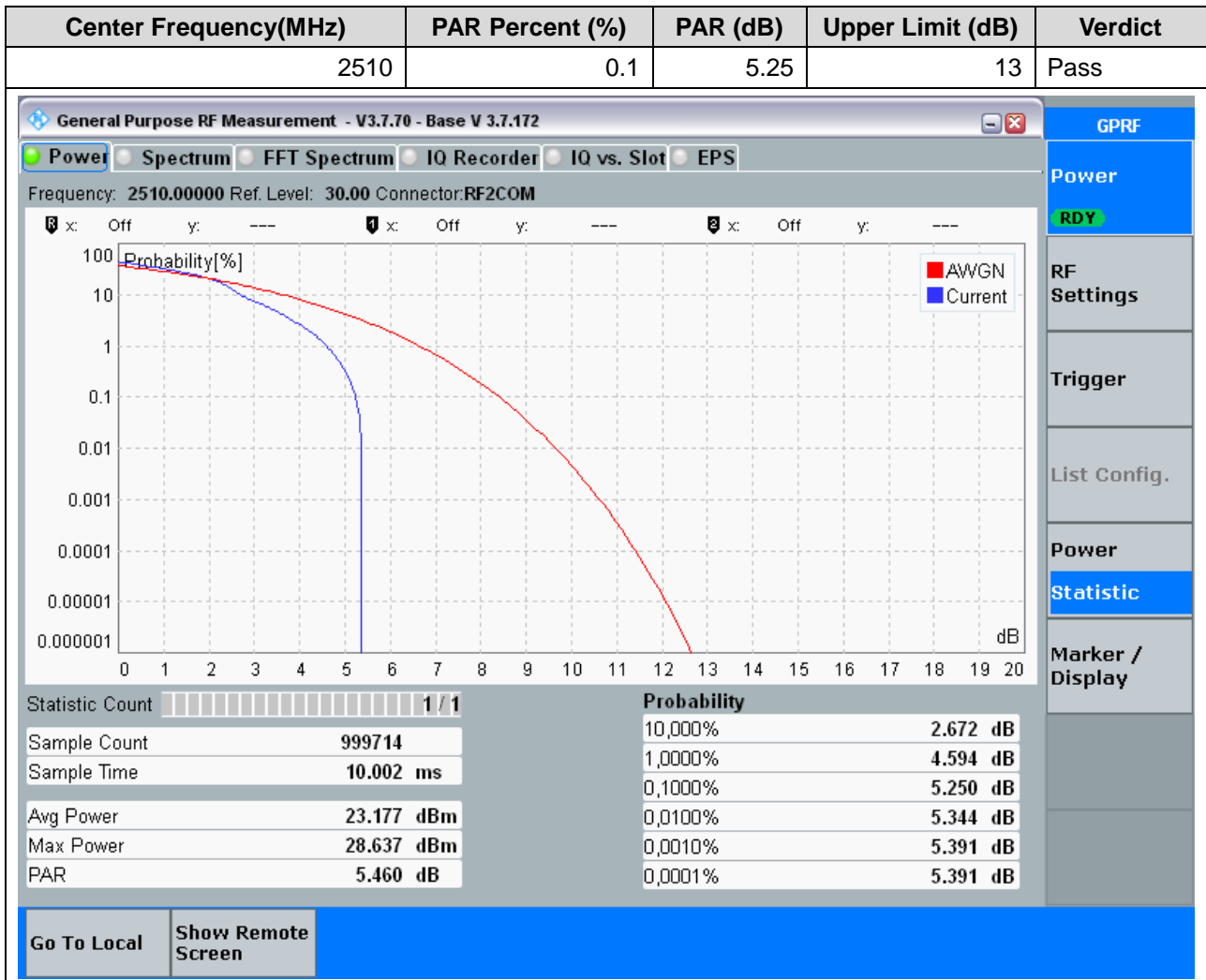


**7.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

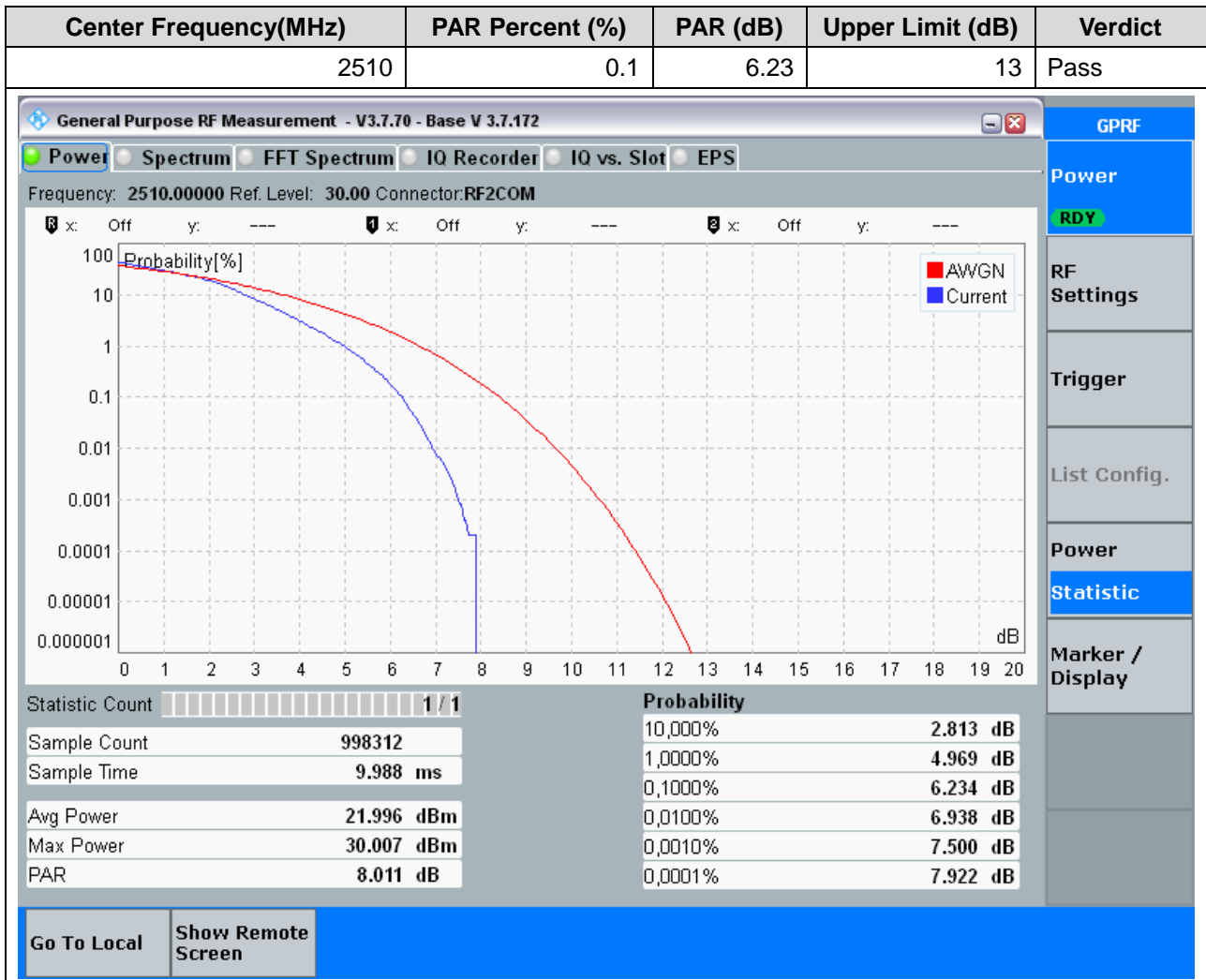




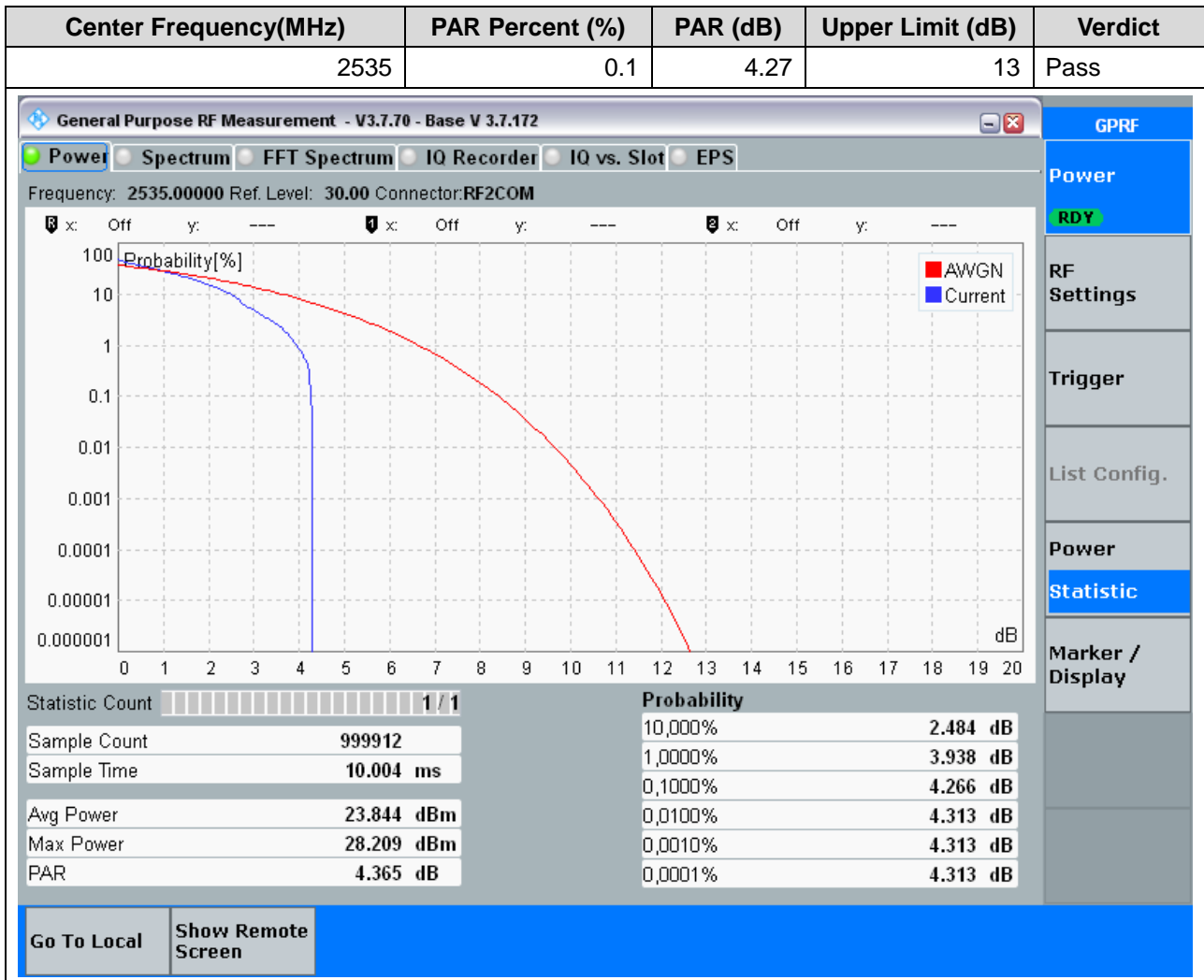
### 7.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



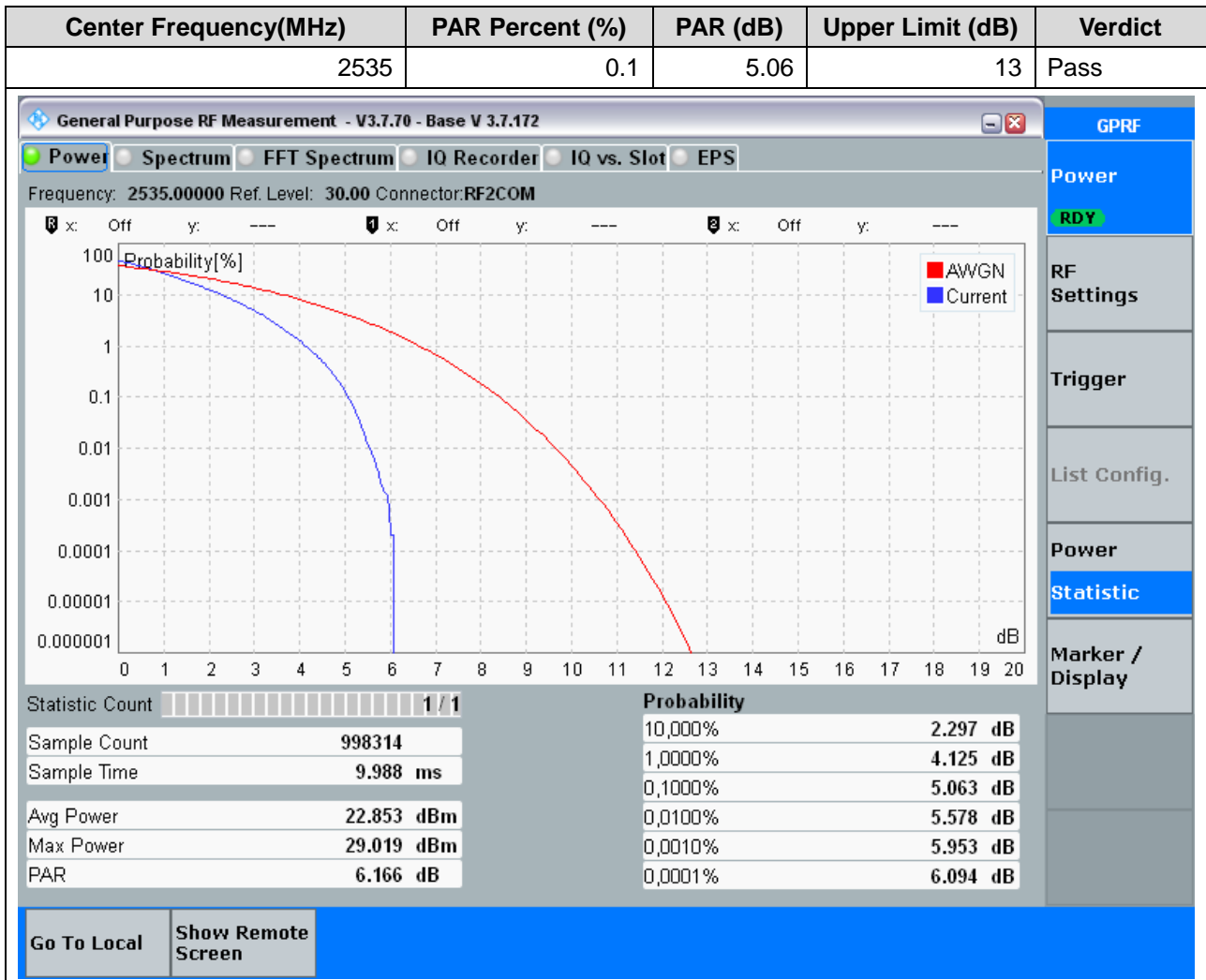
**7.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



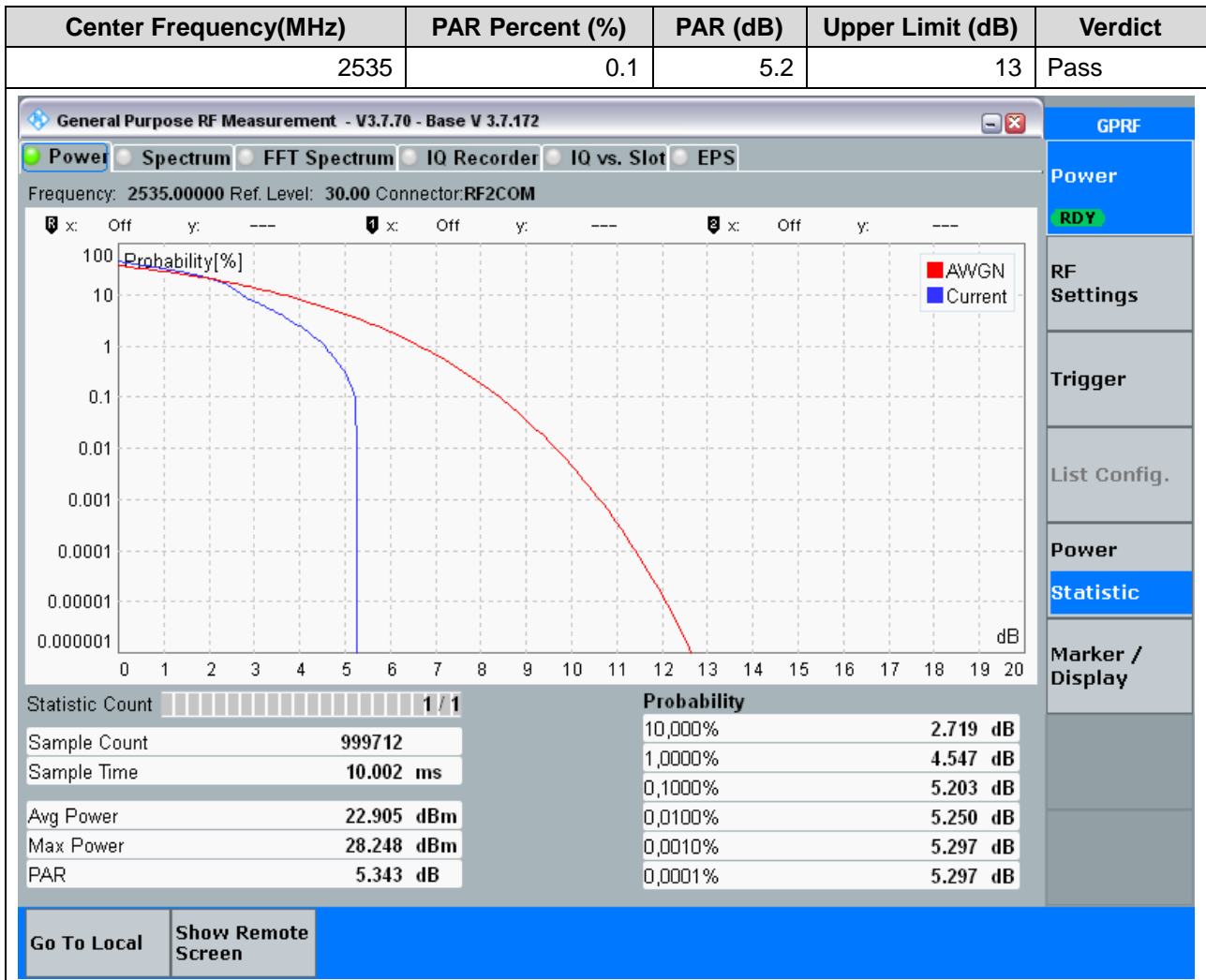
**7.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



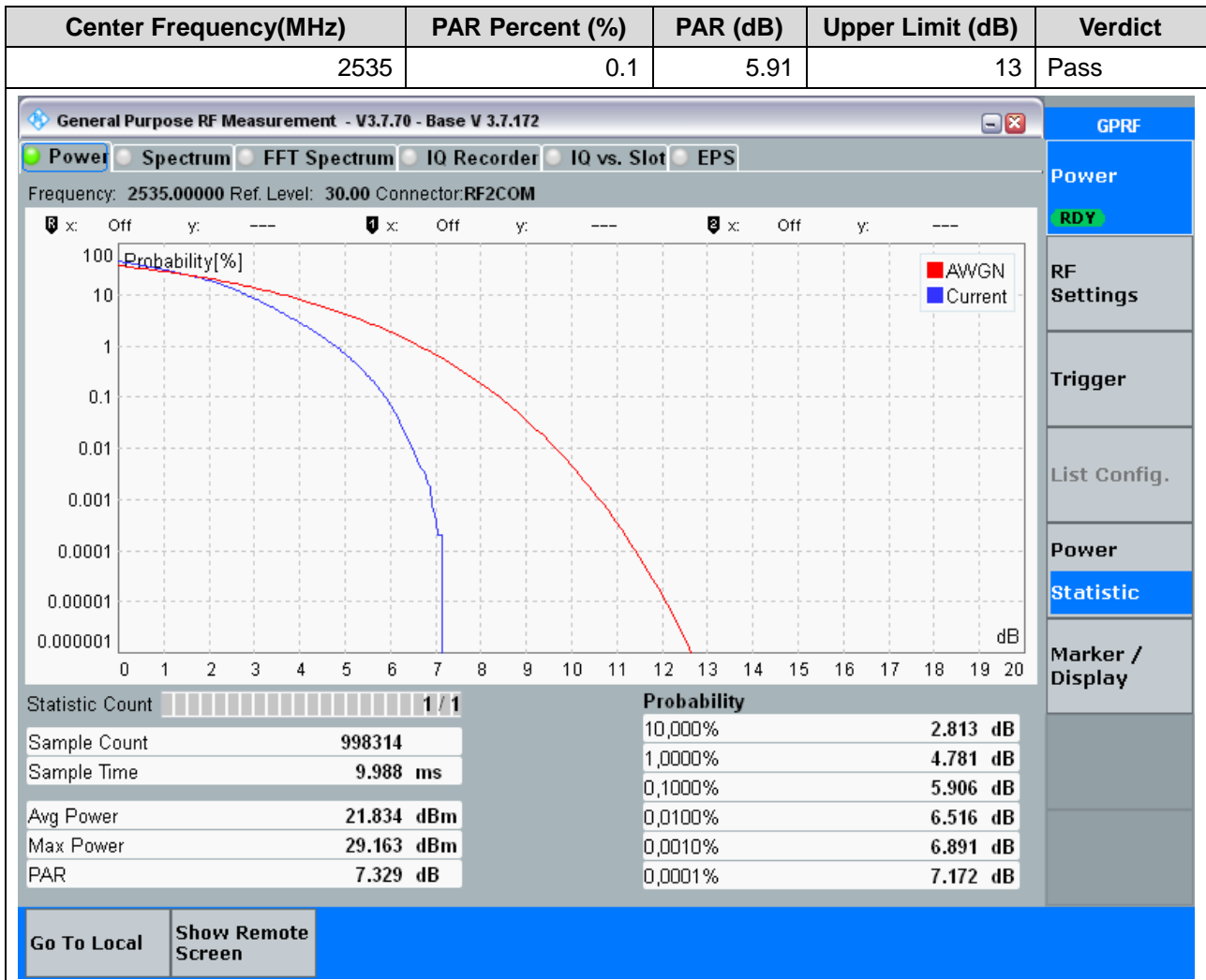
**7.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



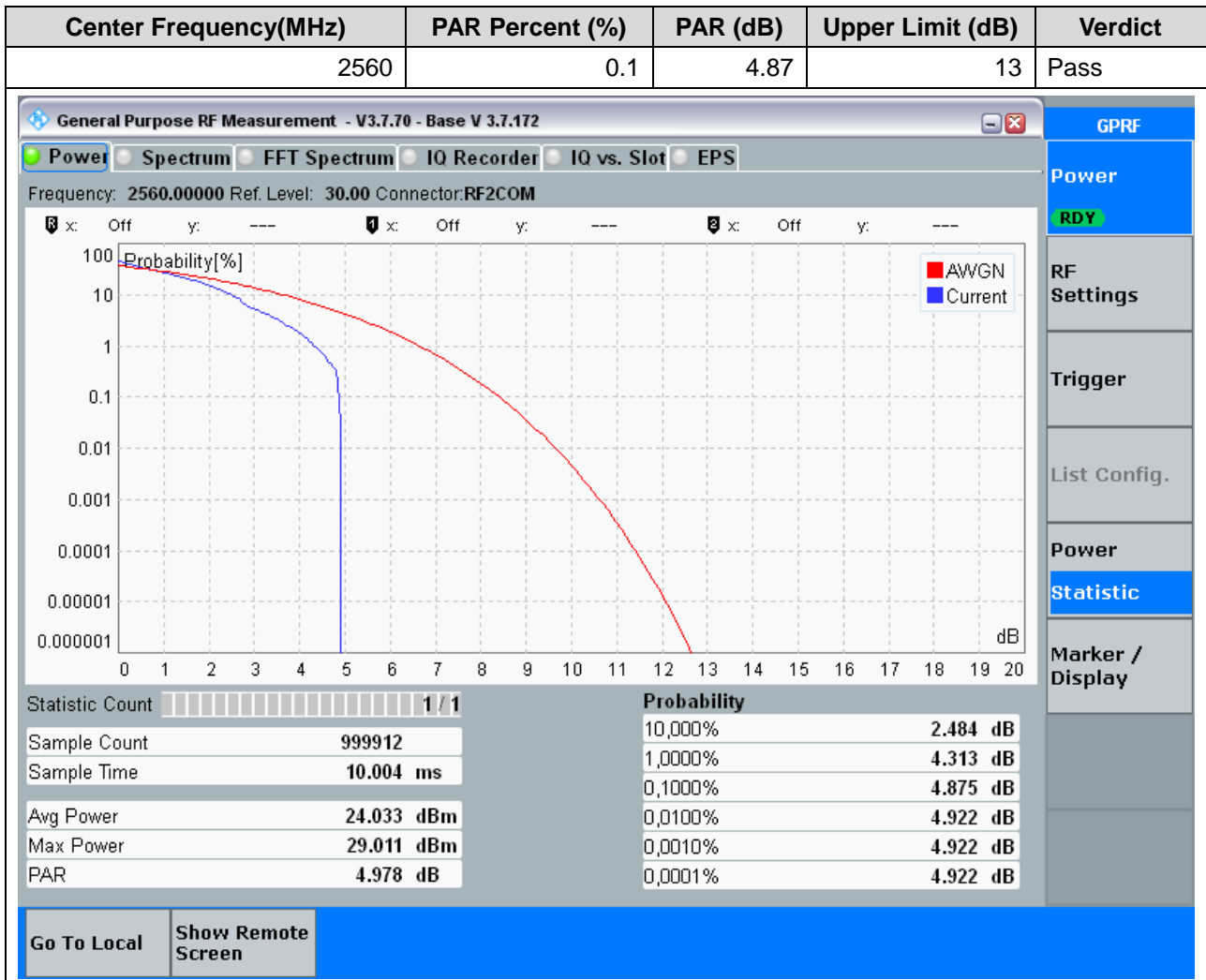
**7.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



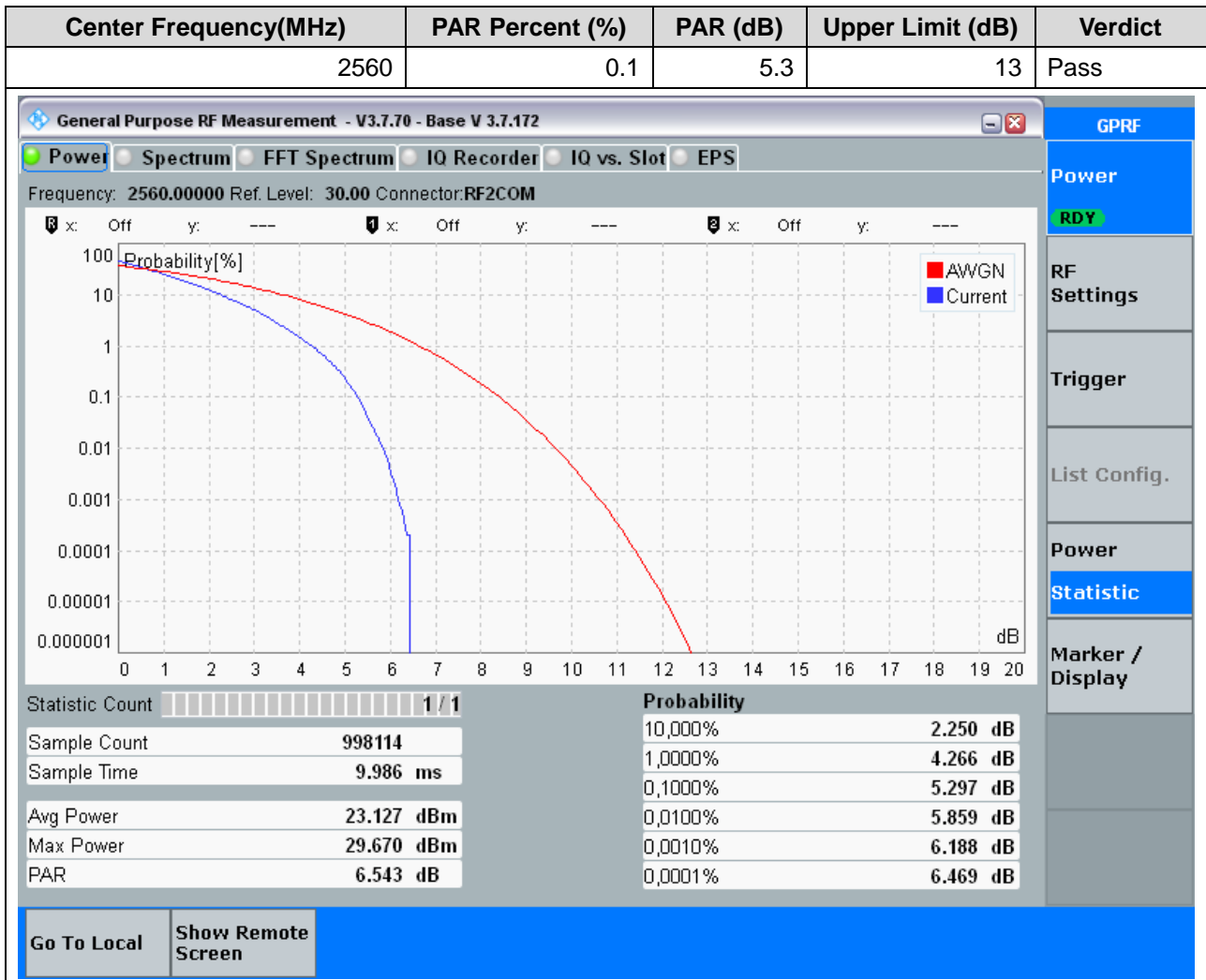
**7.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



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

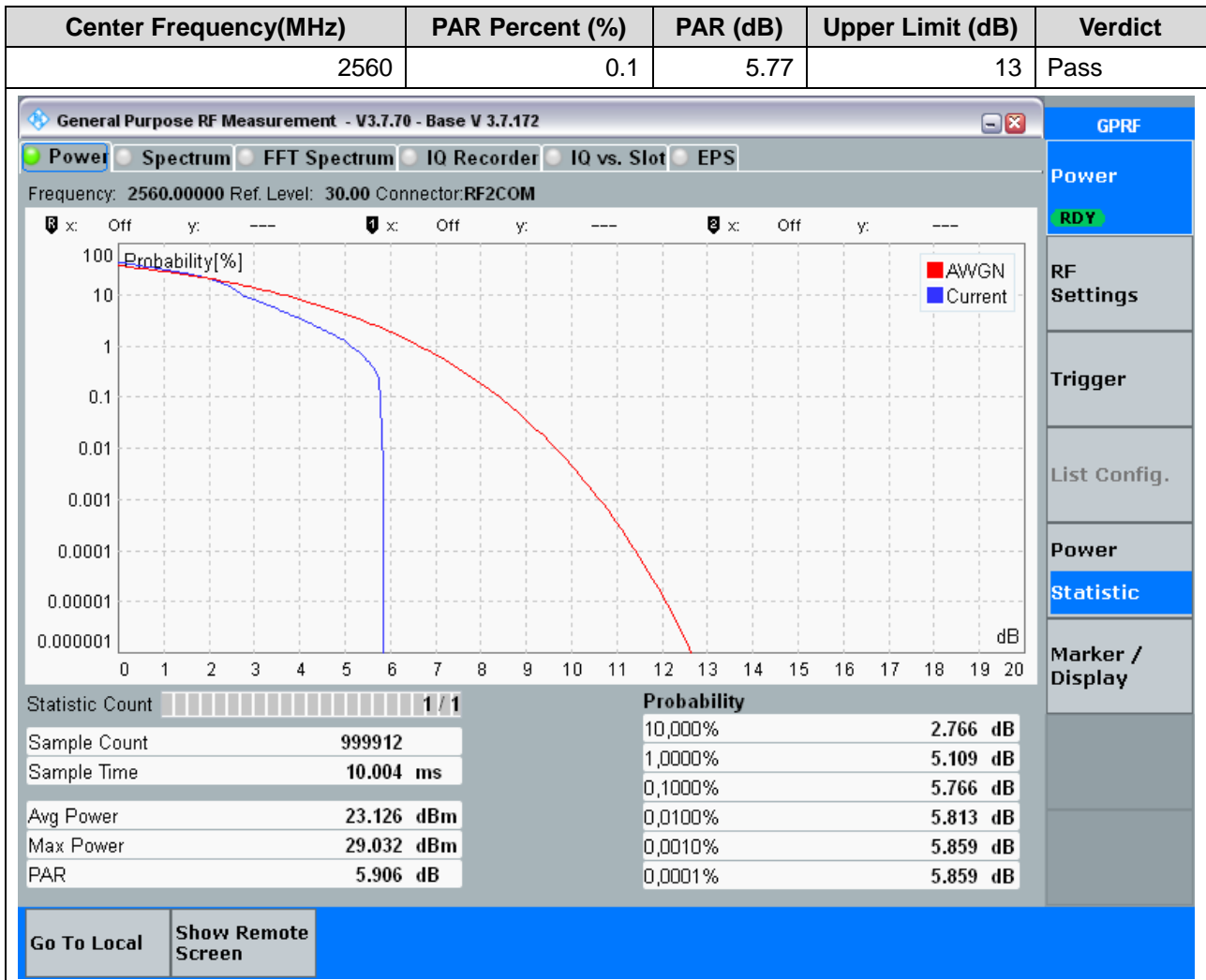


**7.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

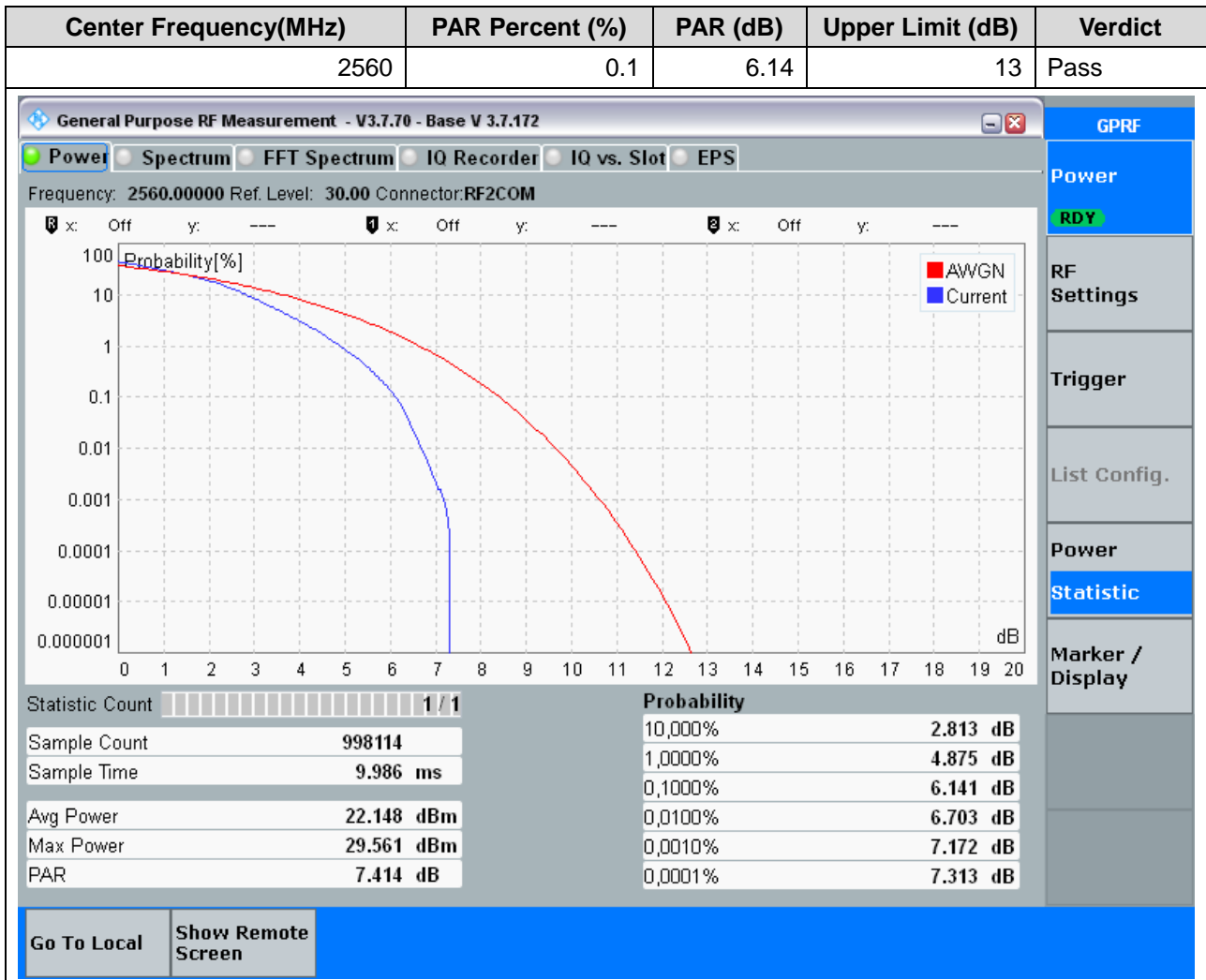




**7.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

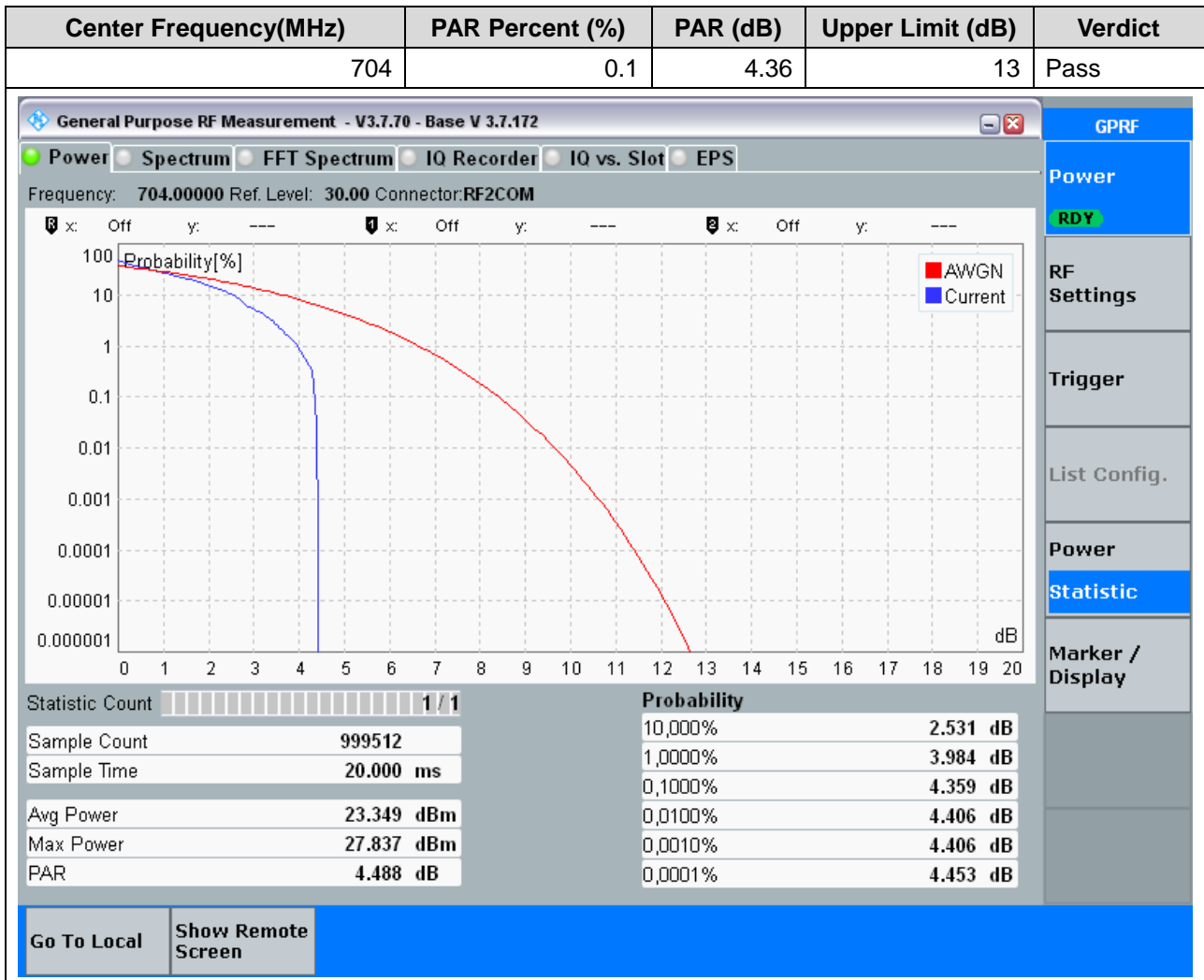


**7.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

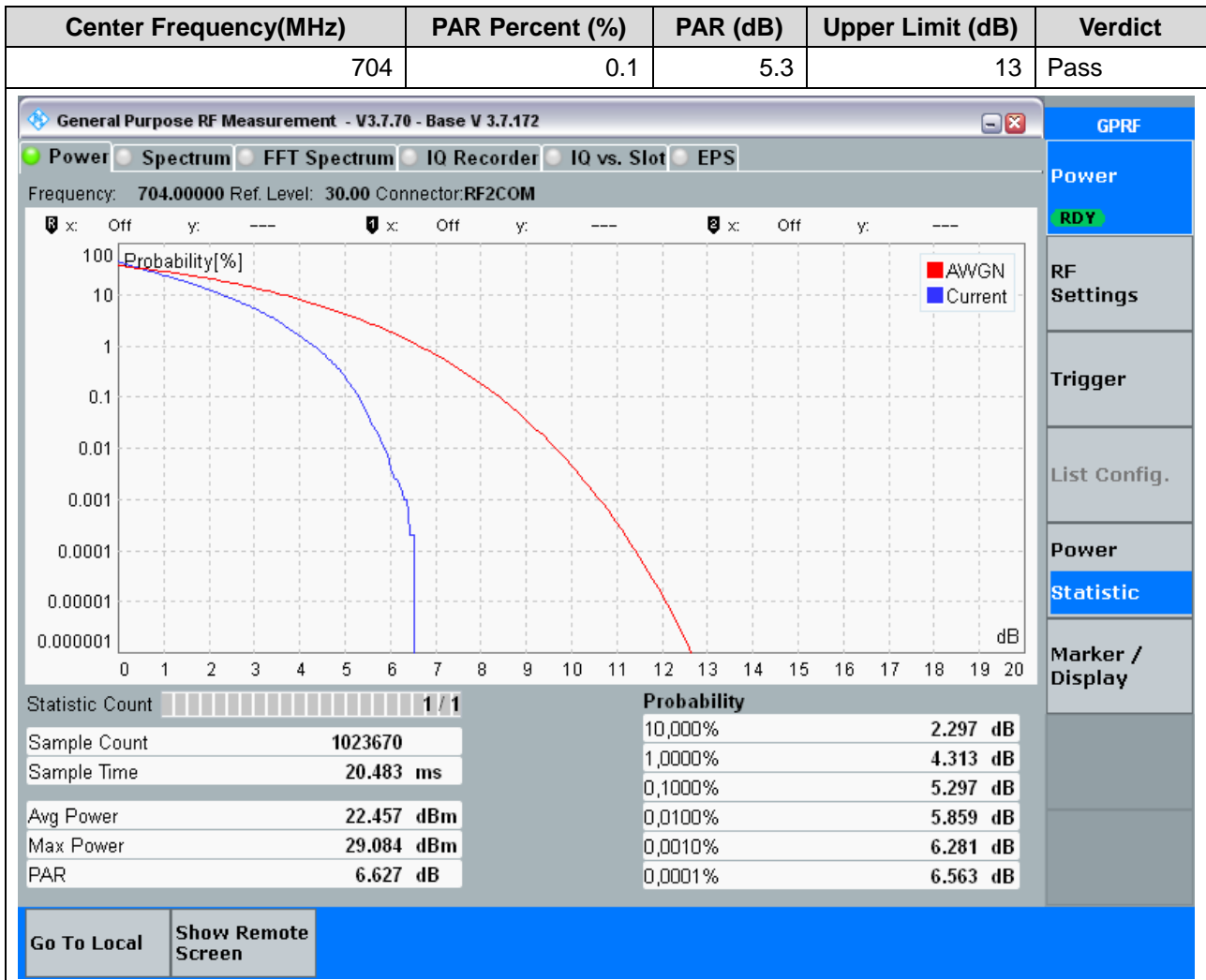


## 8. LTE\_Band12

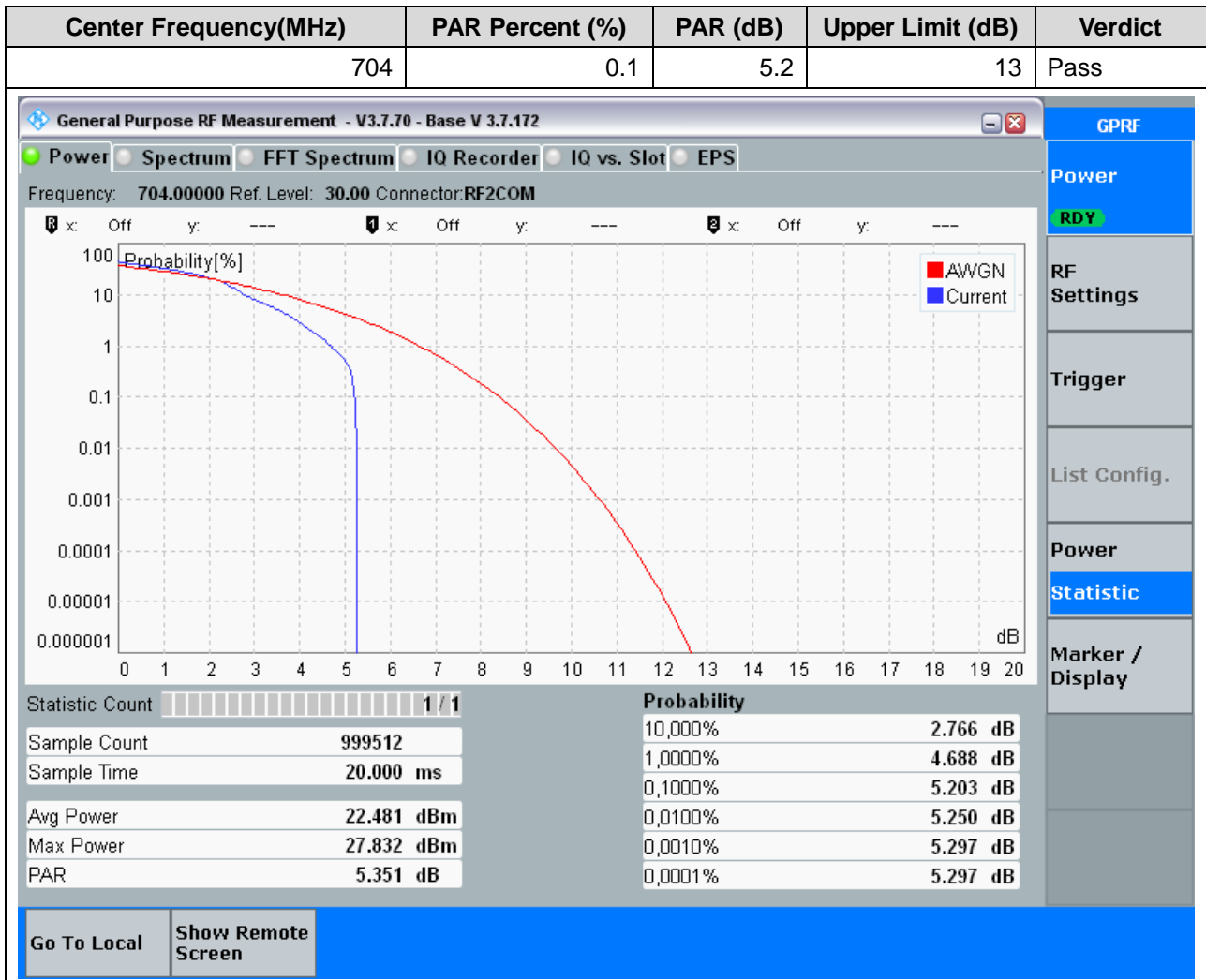
### 8.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



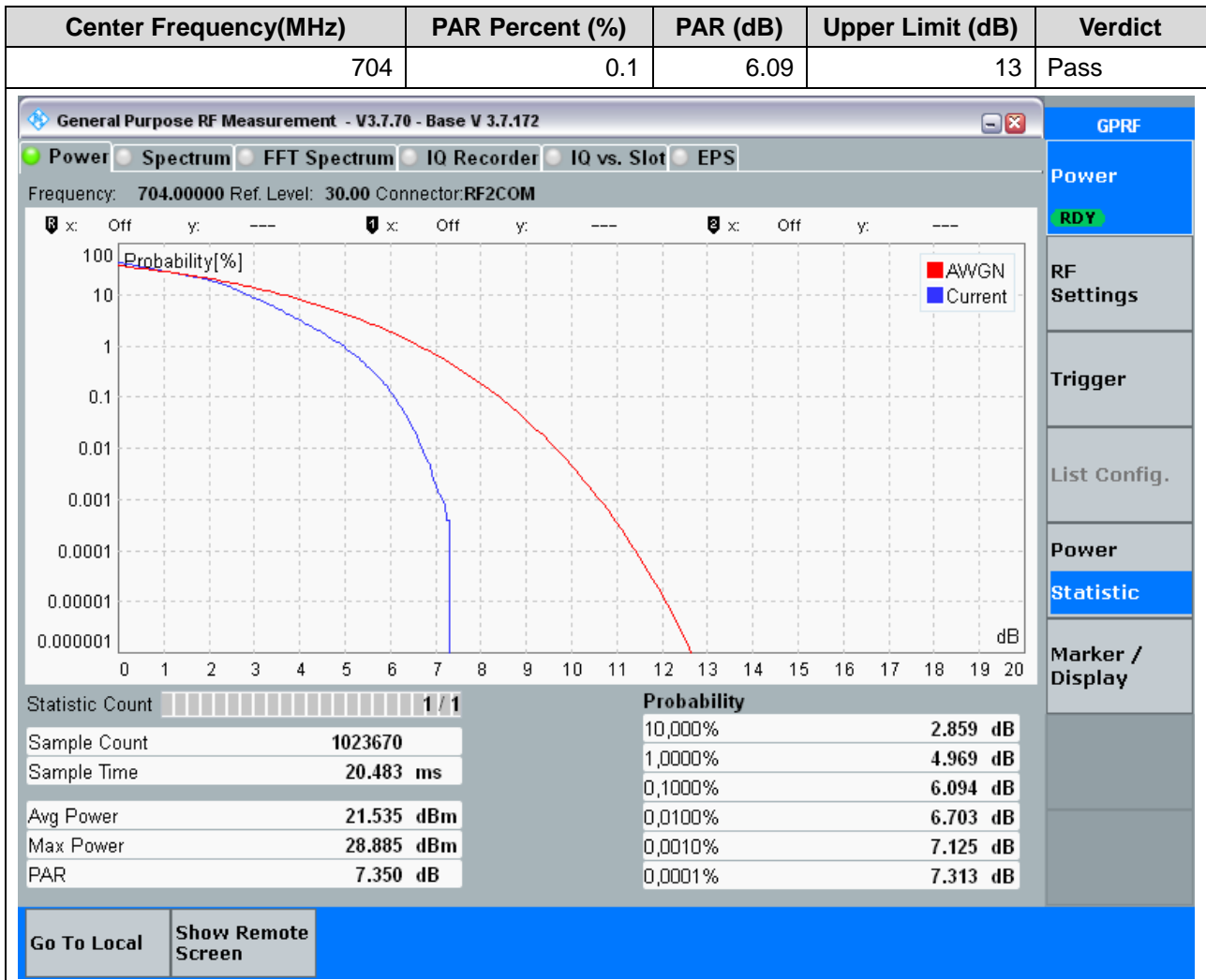
## 8.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



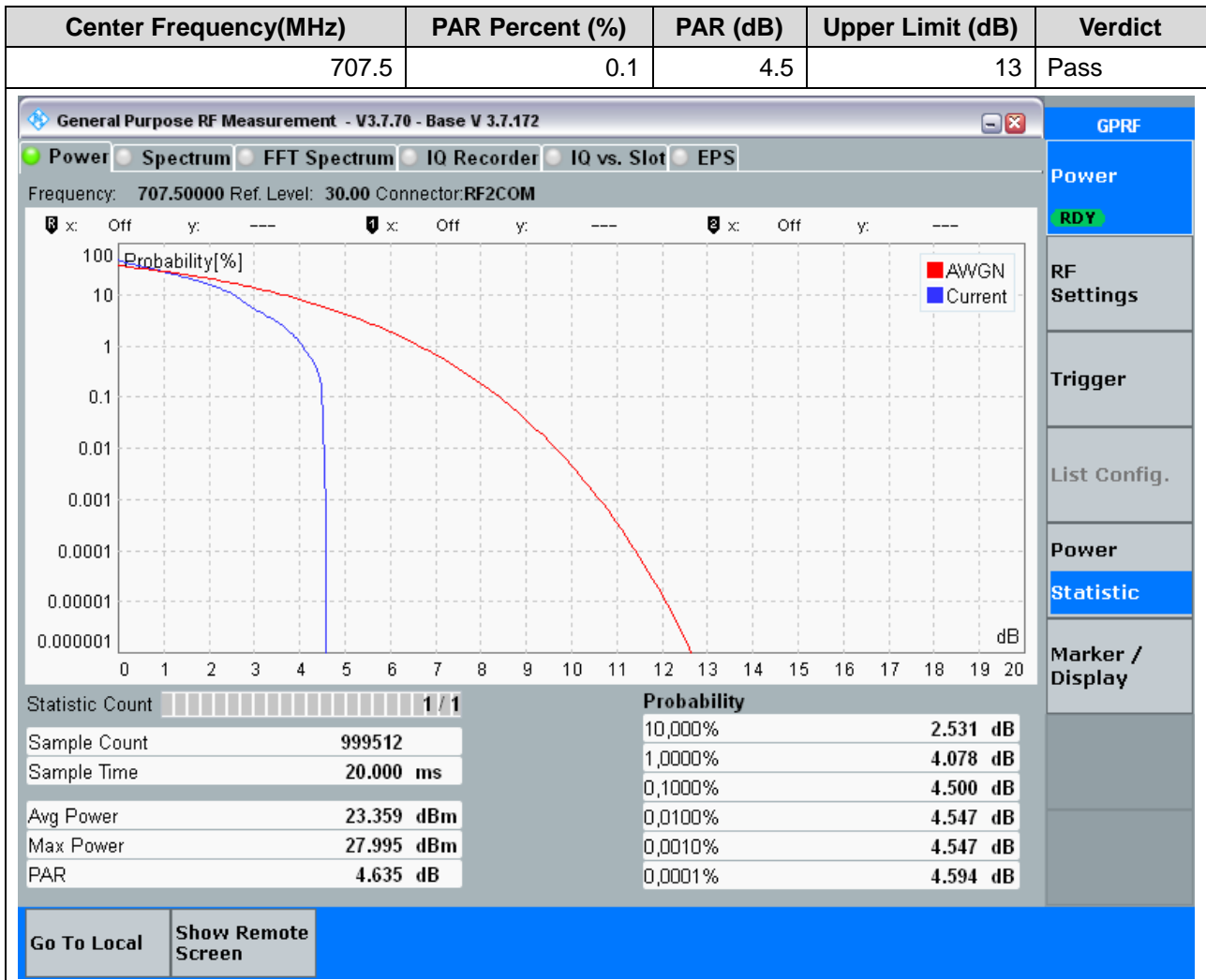
### 8.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



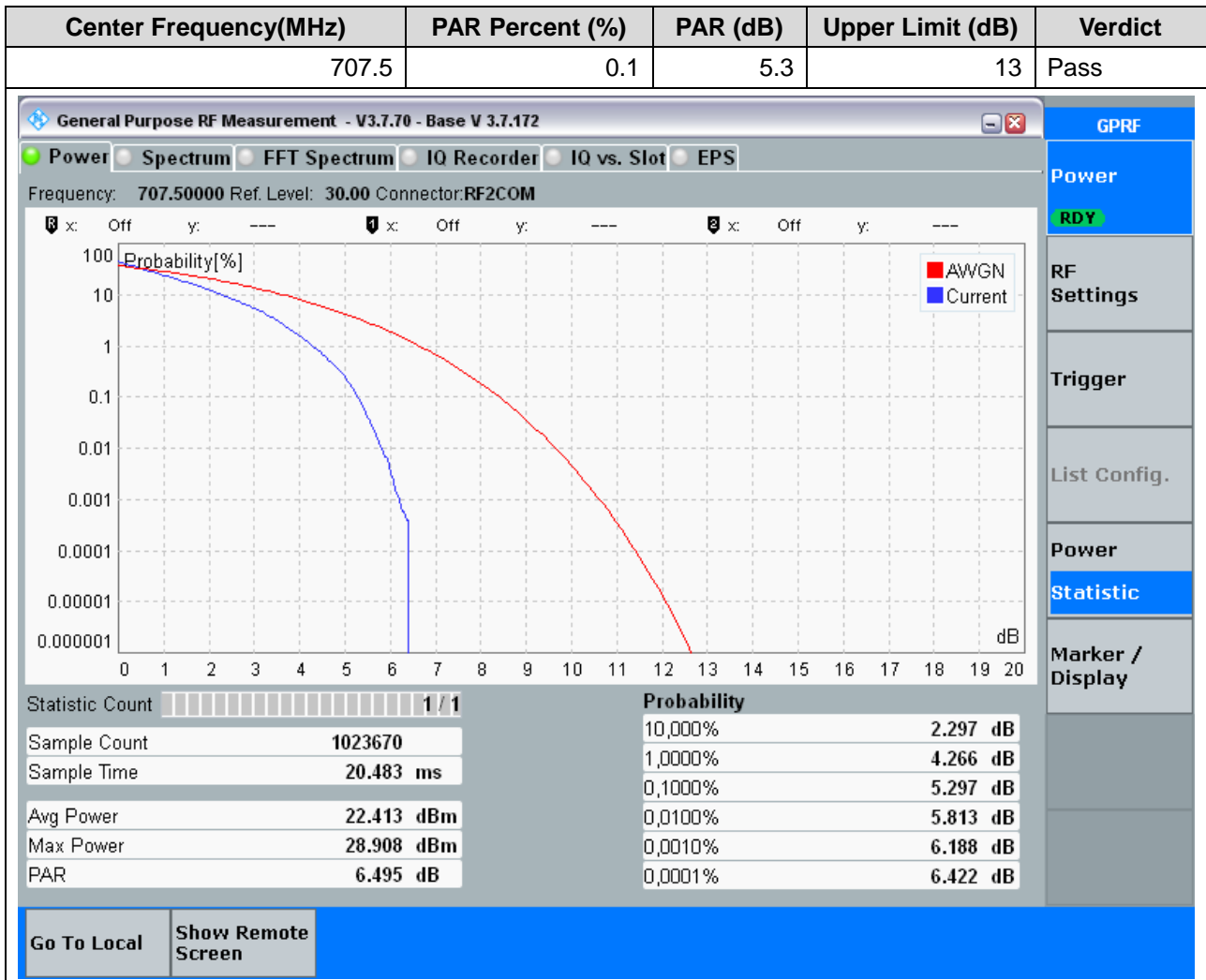
### 8.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



**8.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

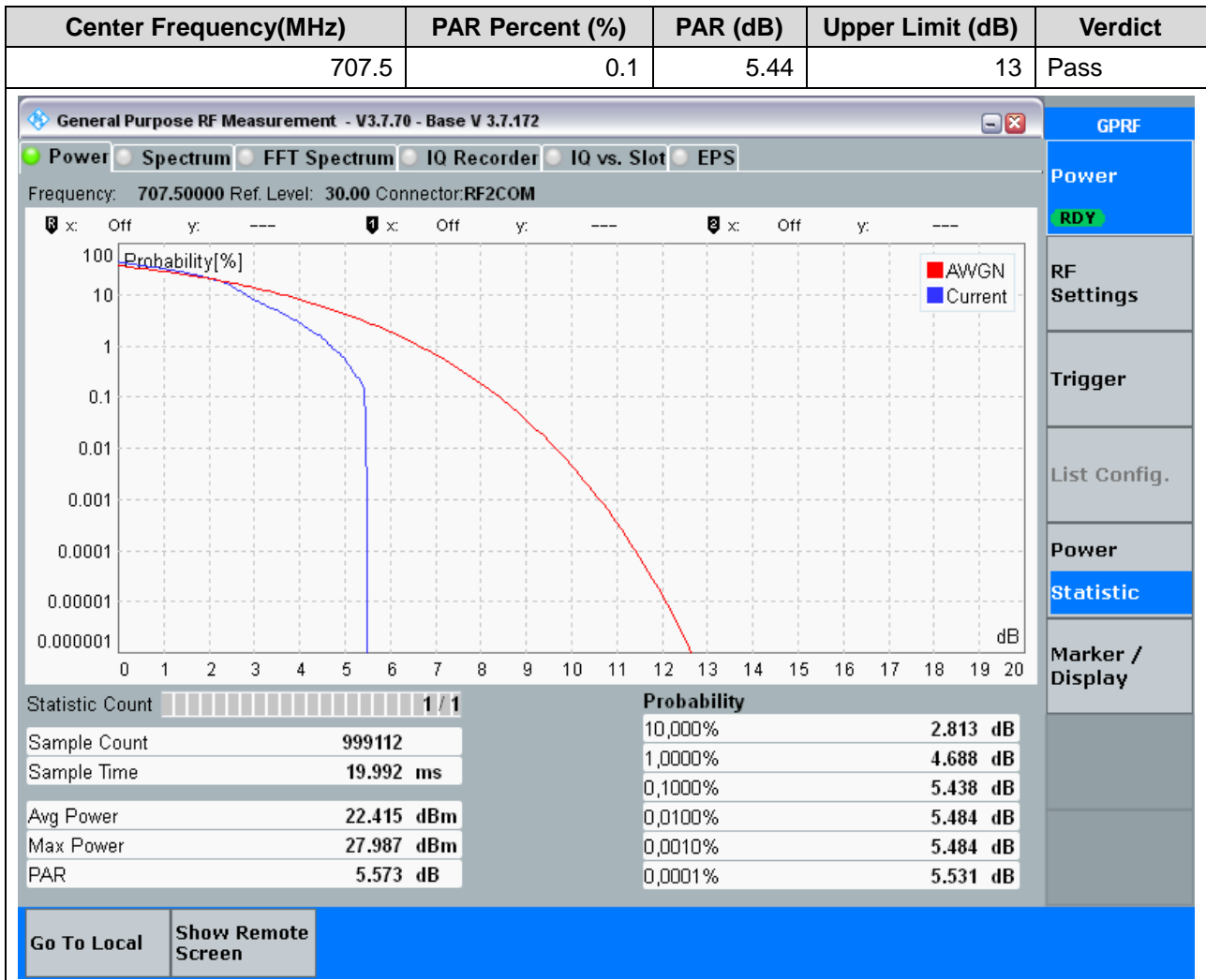


**8.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

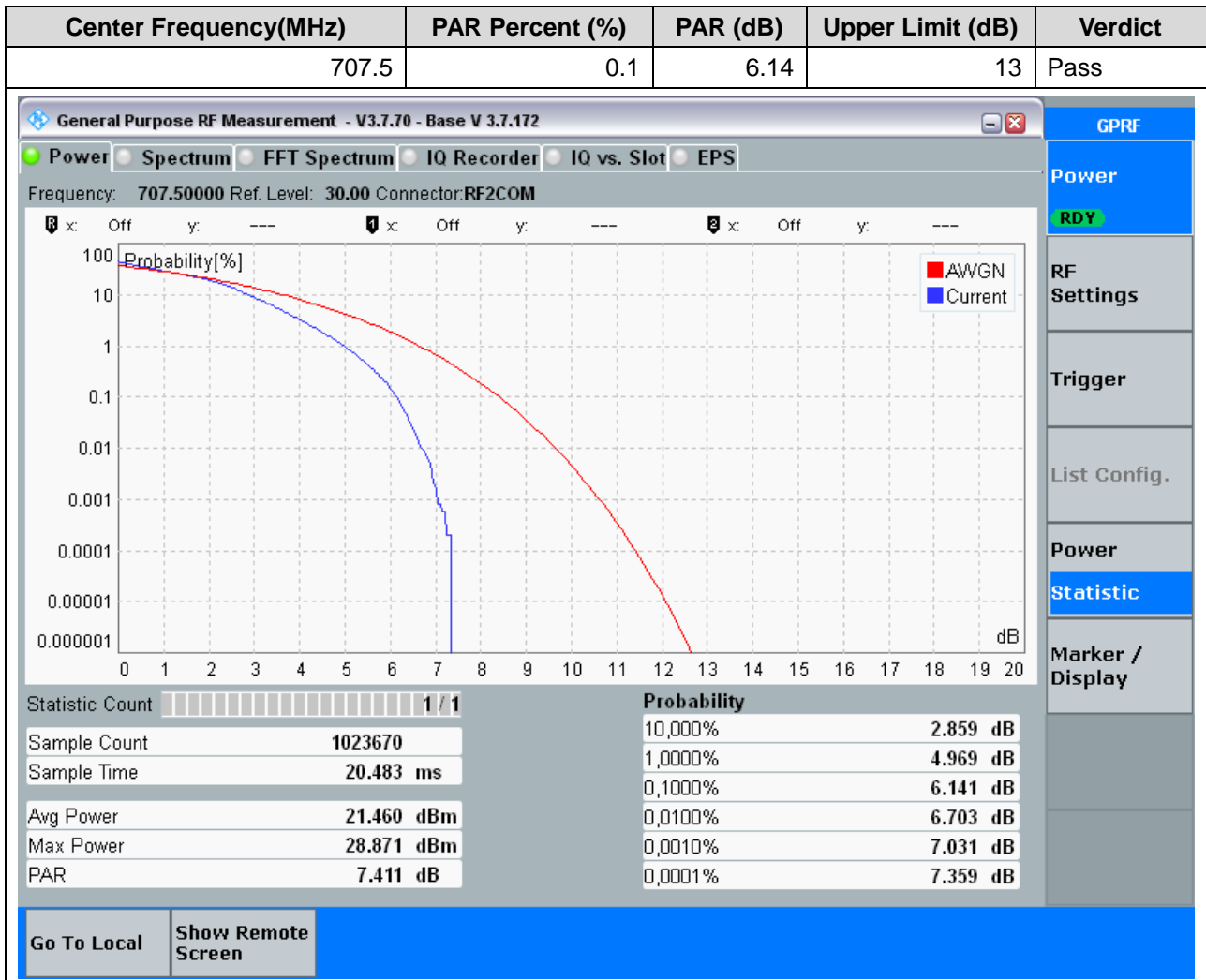




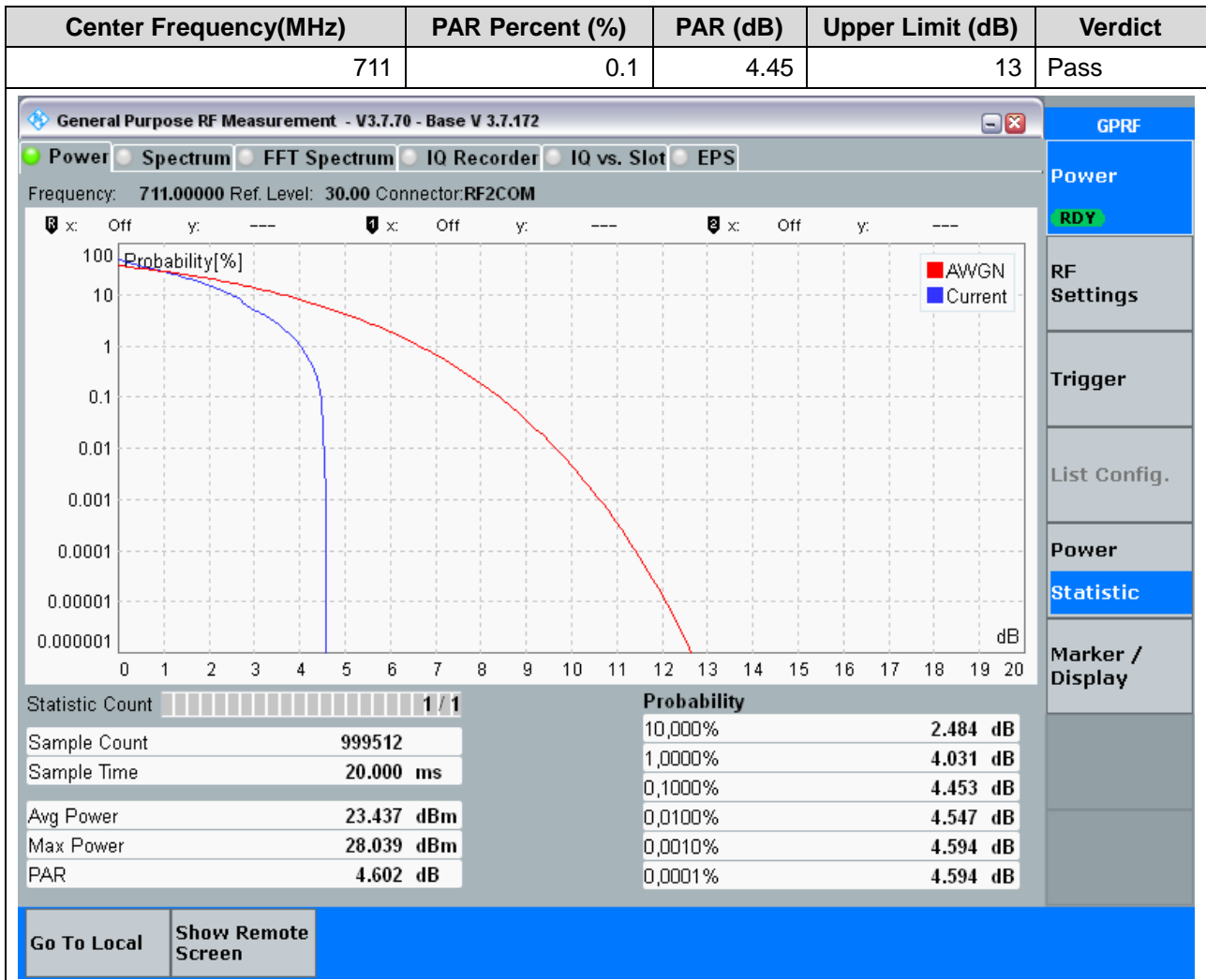
**8.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**



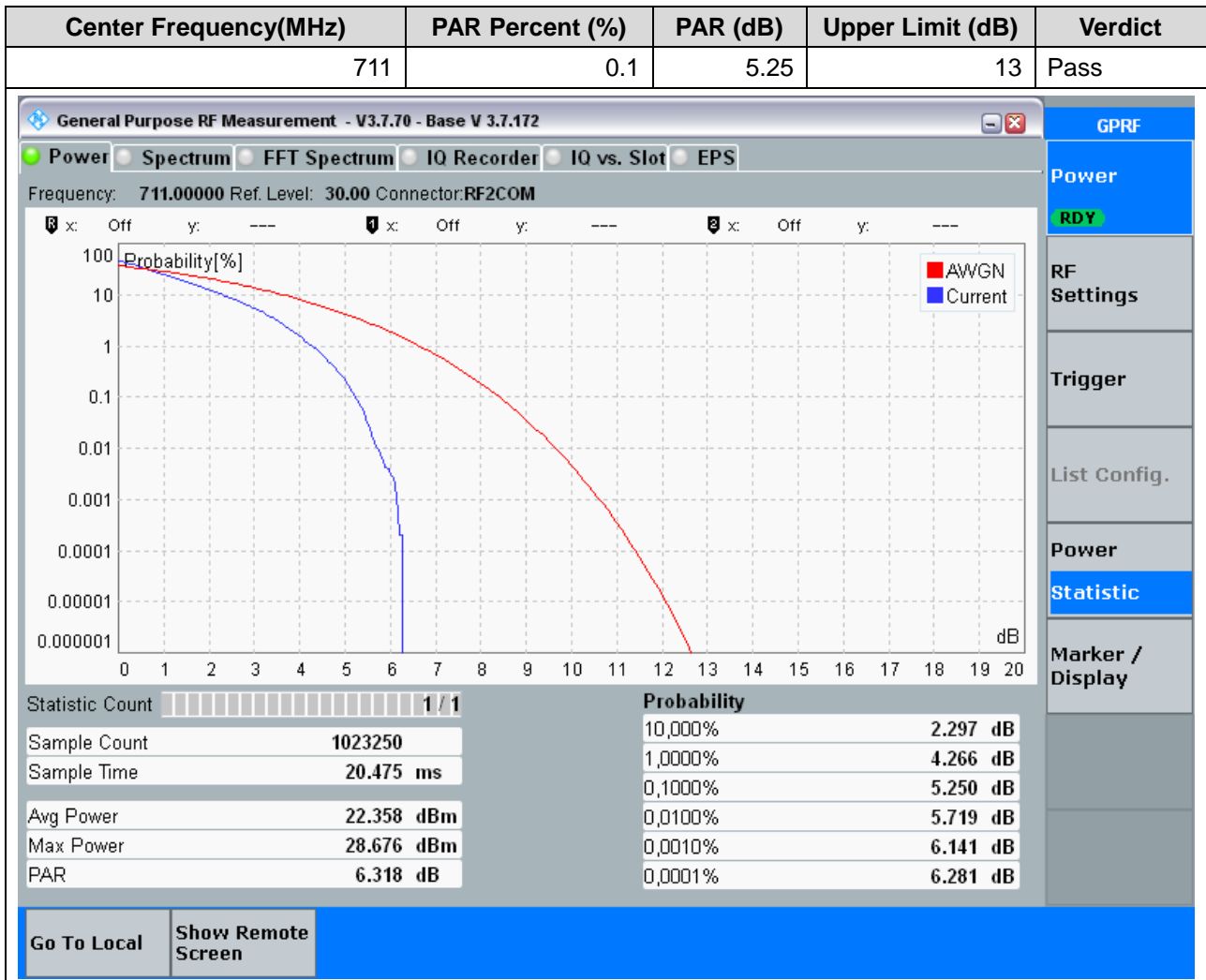
**8.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**



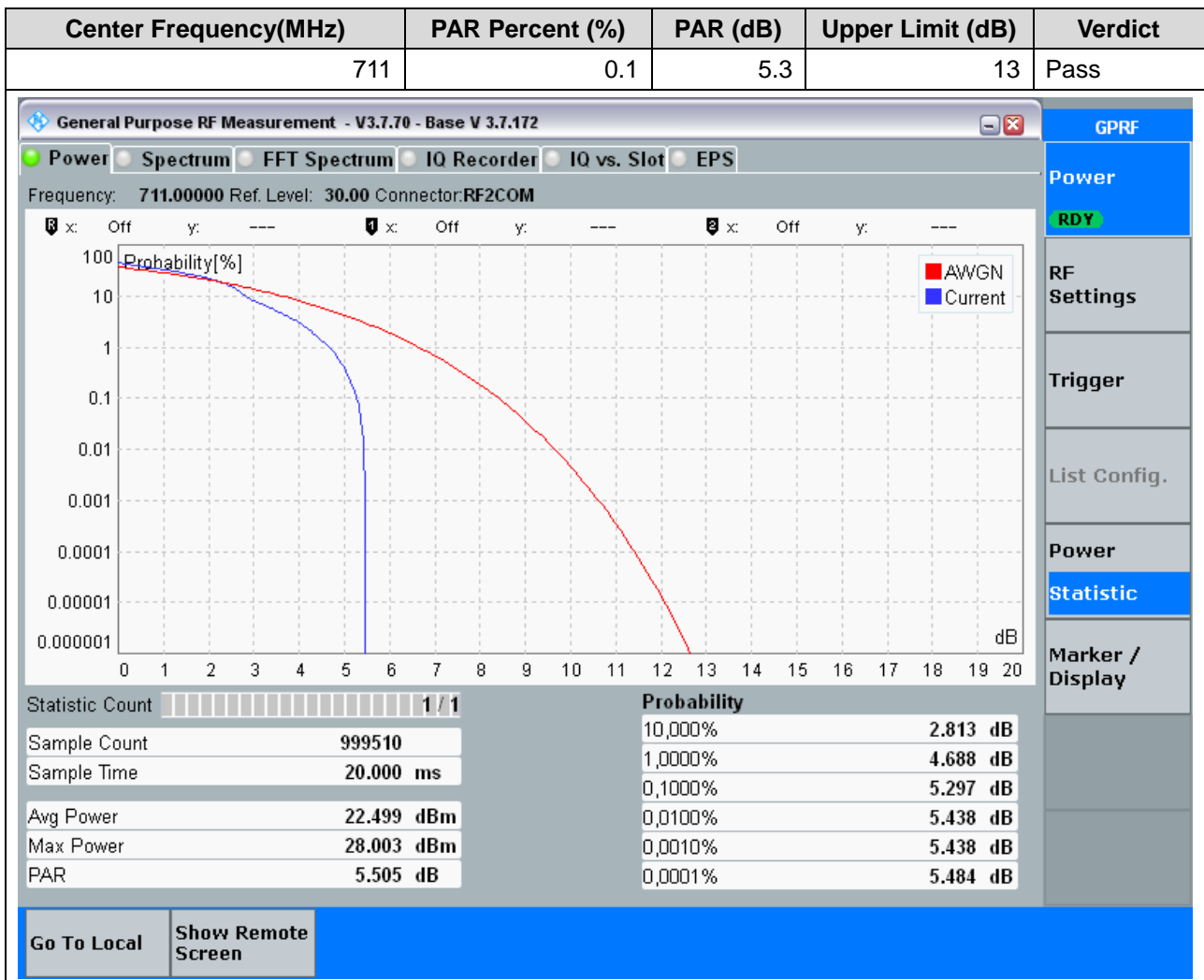
### 8.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



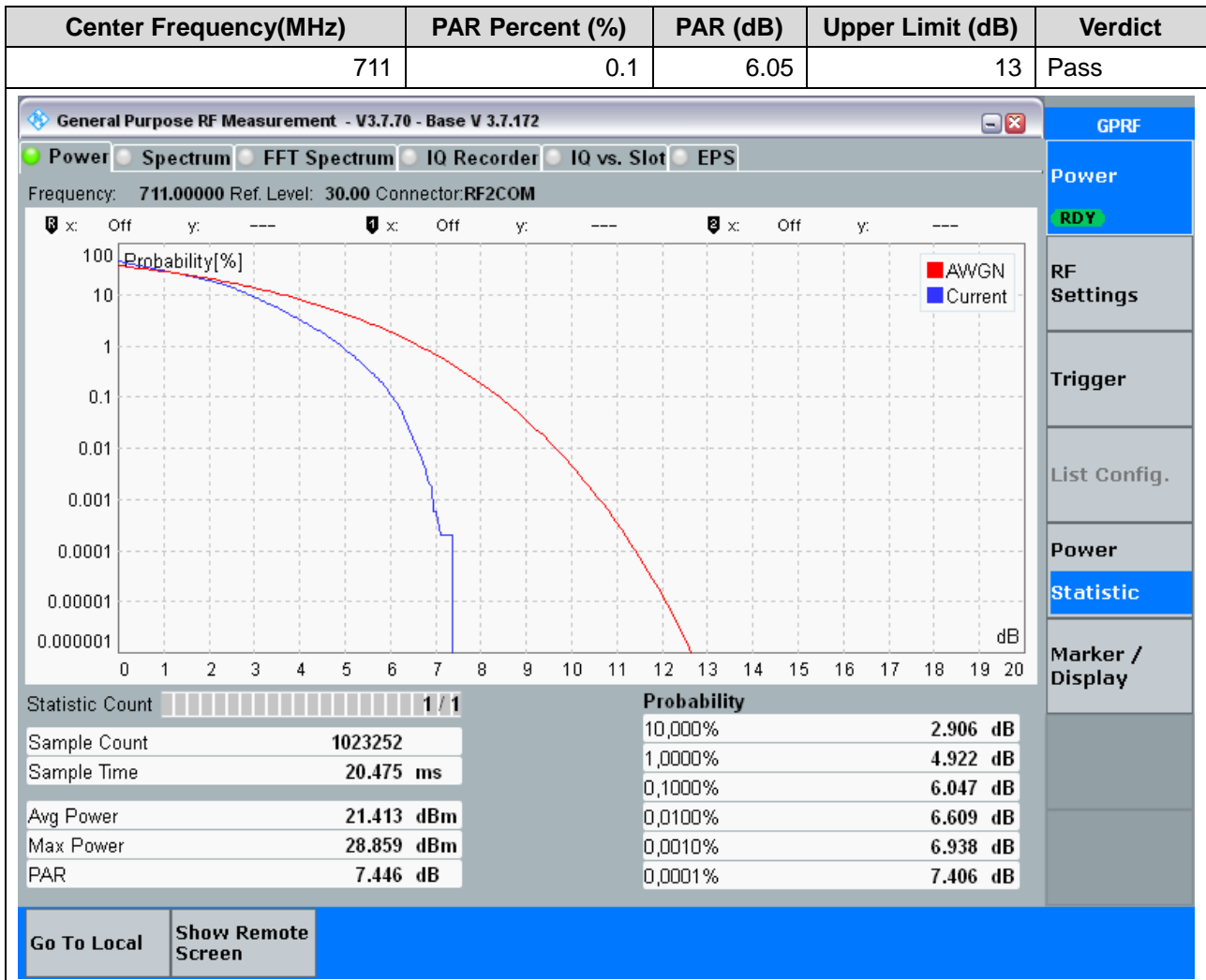
**8.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



**8.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

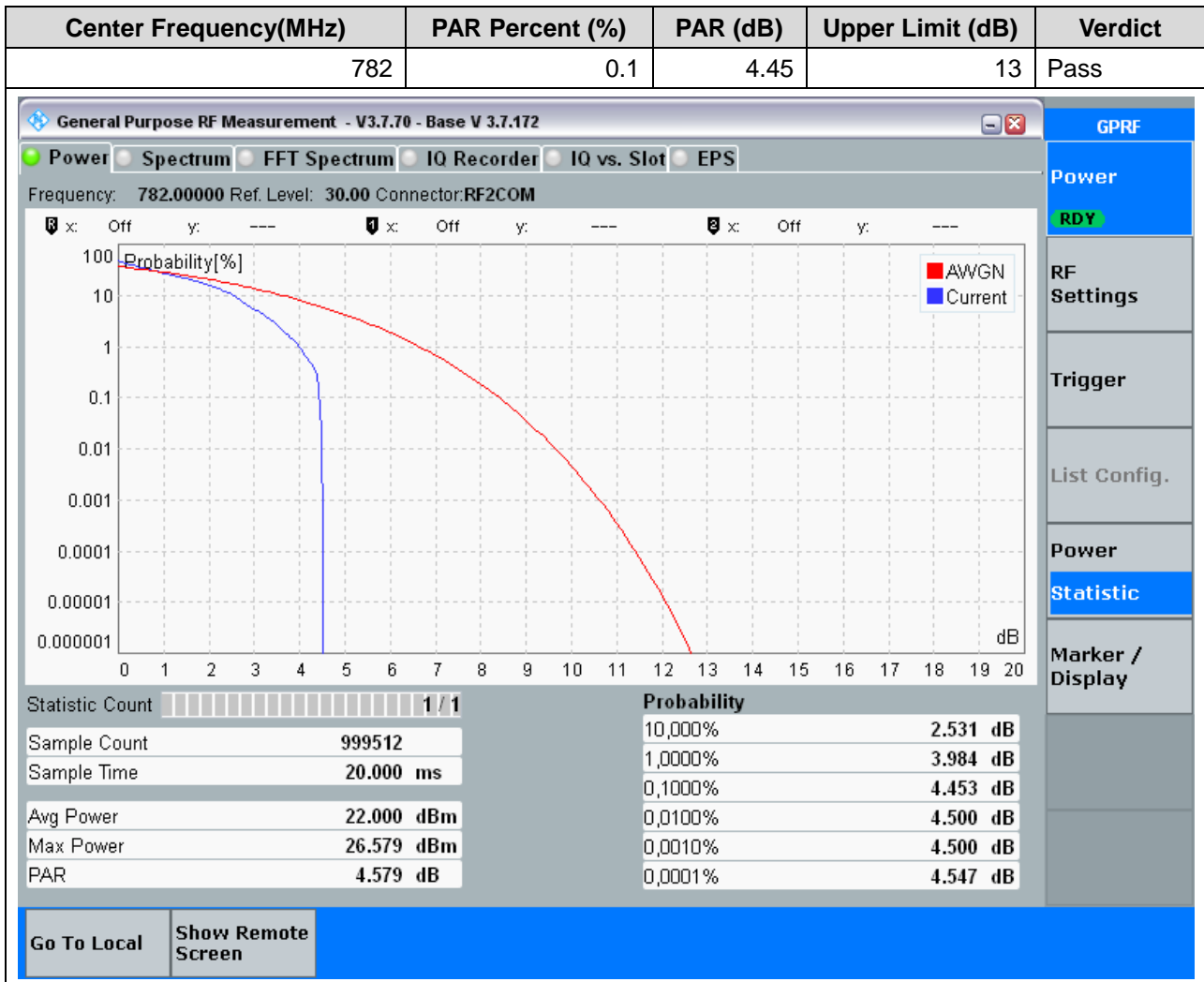


### 8.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

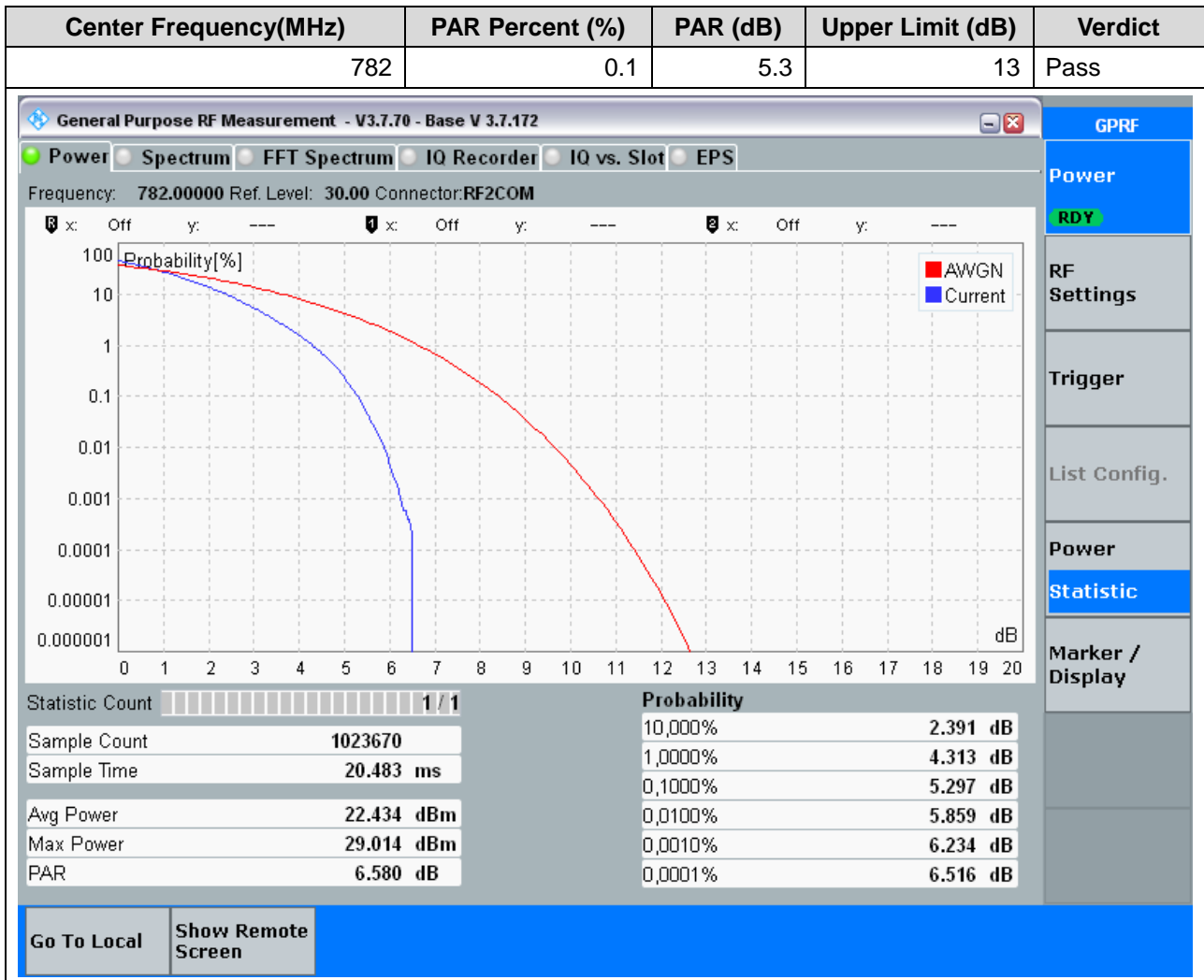


## 9. LTE\_Band13

### 9.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

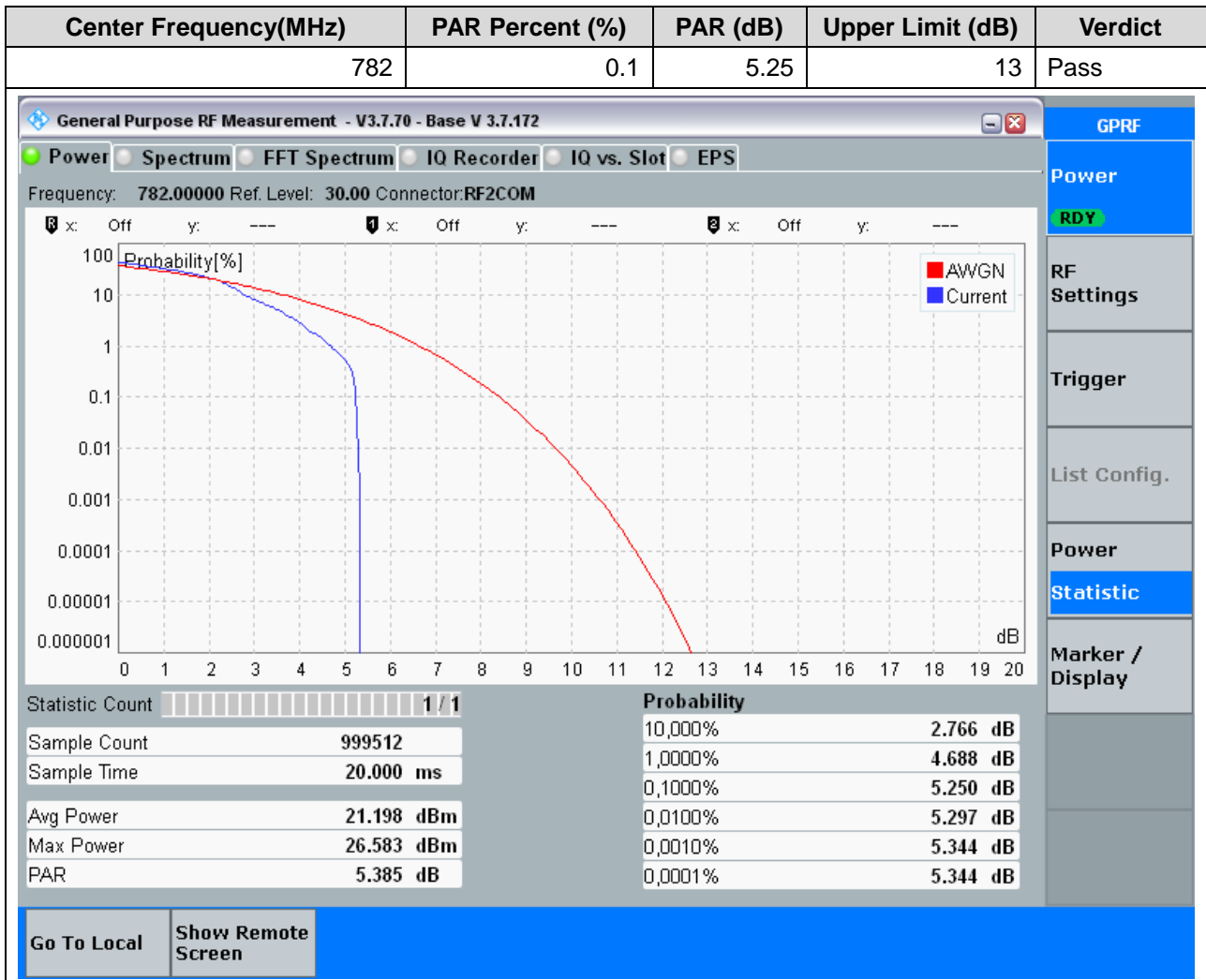


**9.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

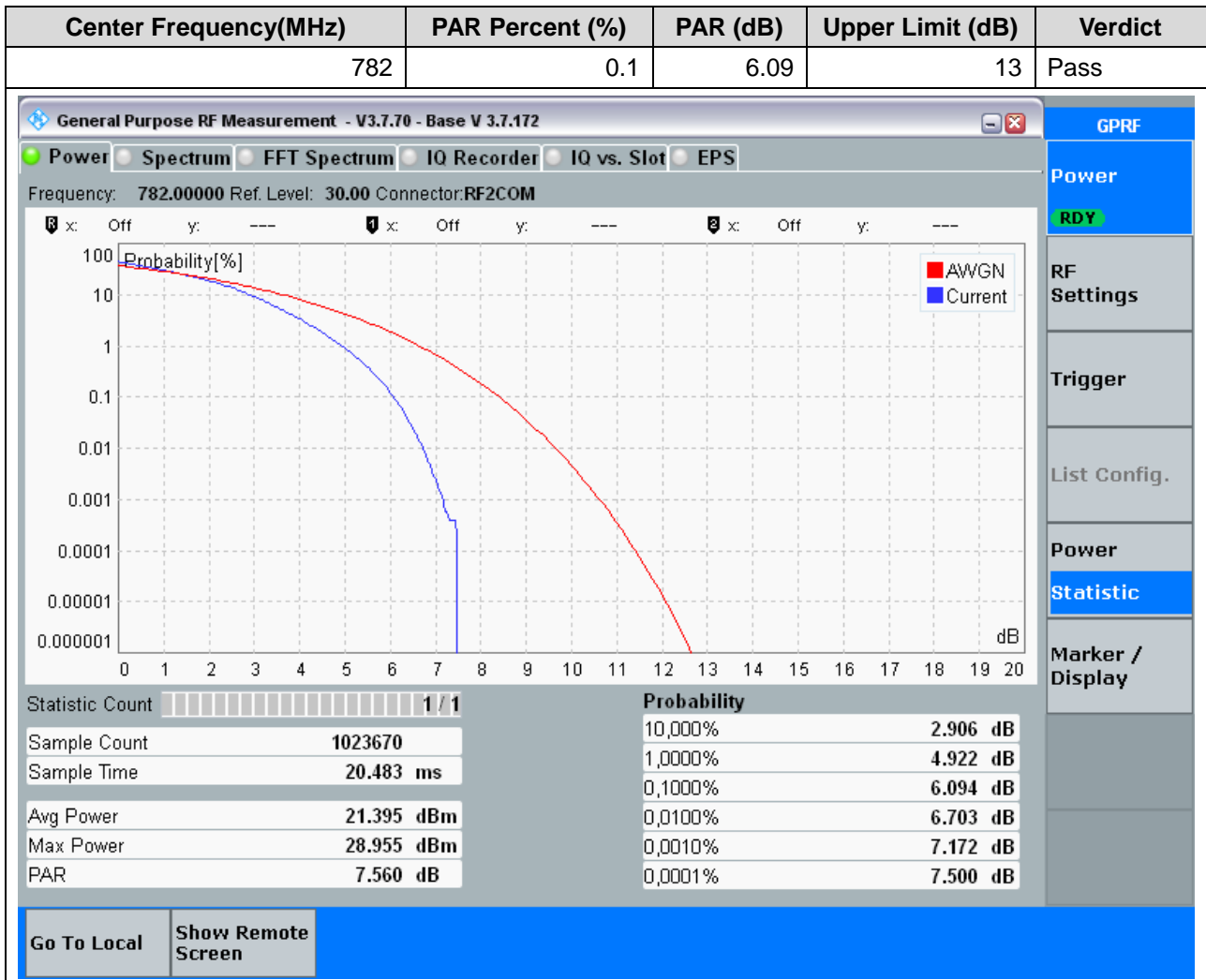




### 9.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

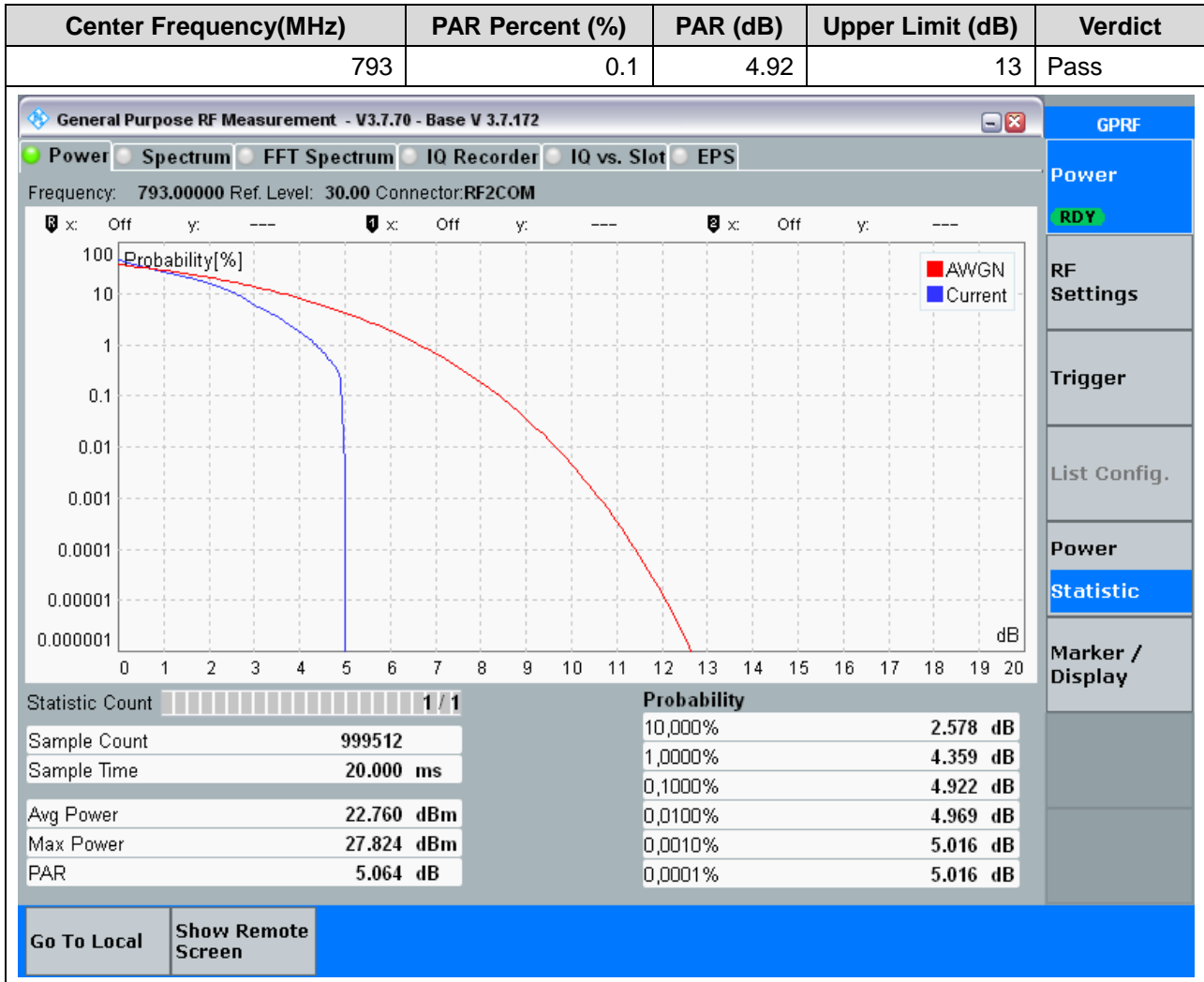


**9.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

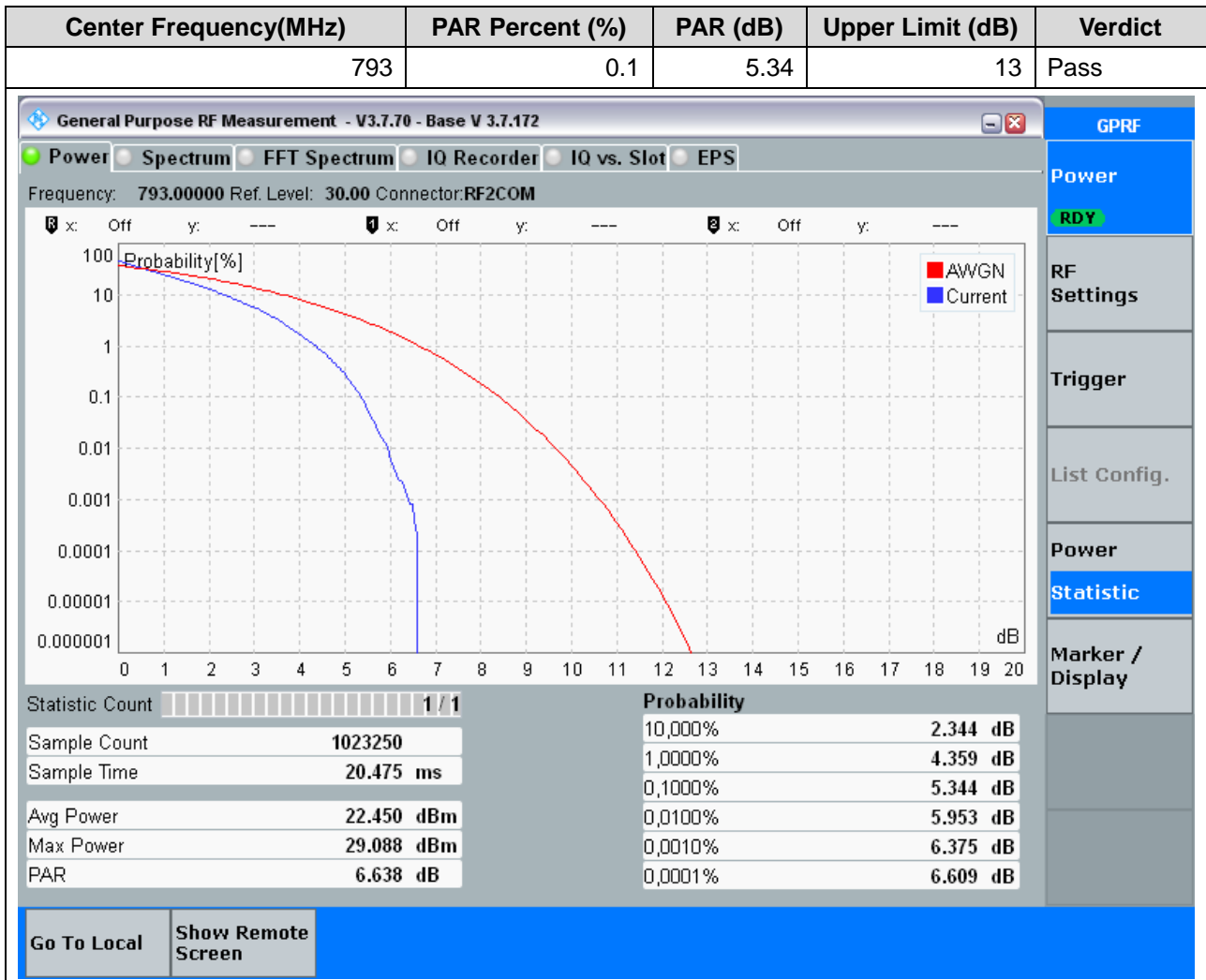


## 10. LTE\_Band14

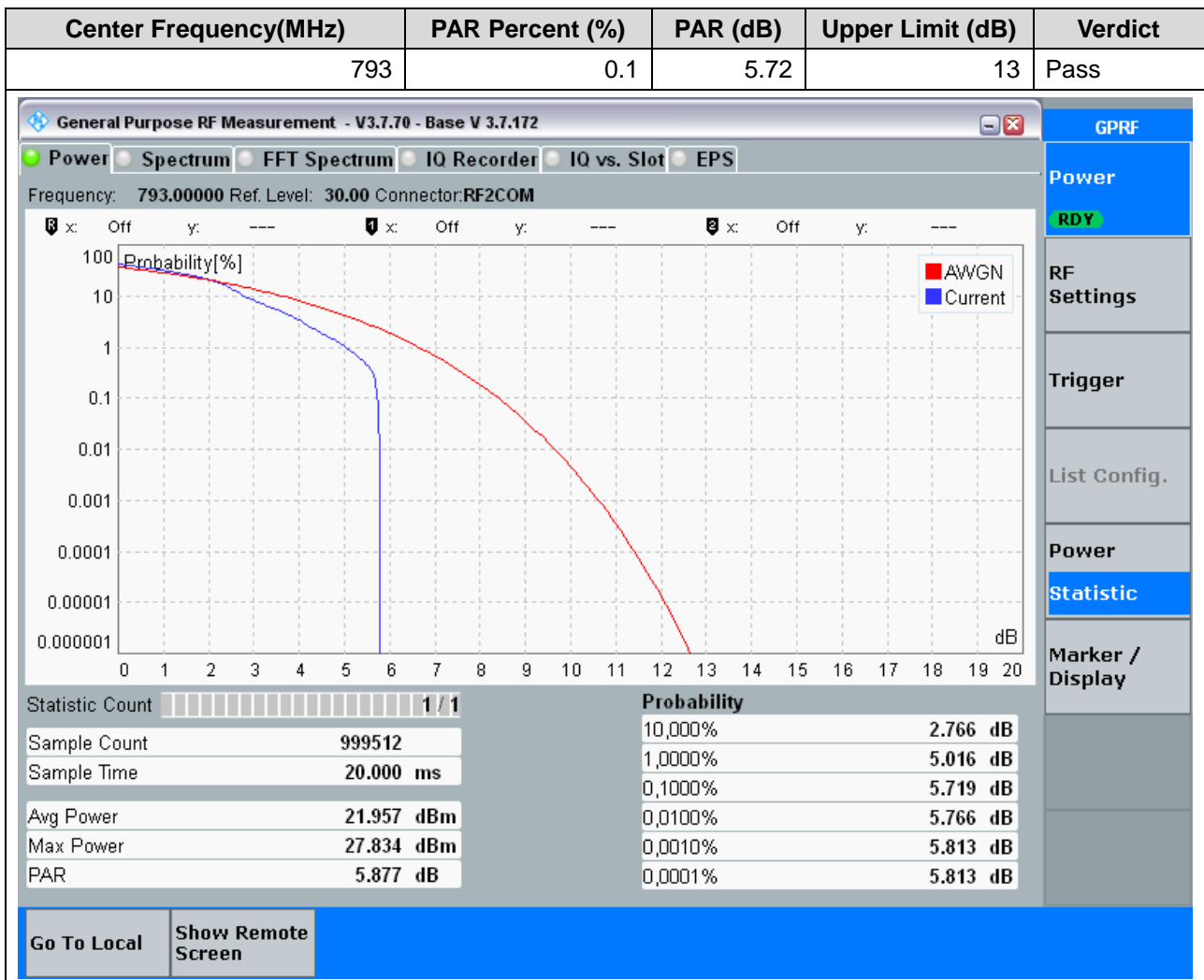
### 10.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23330, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



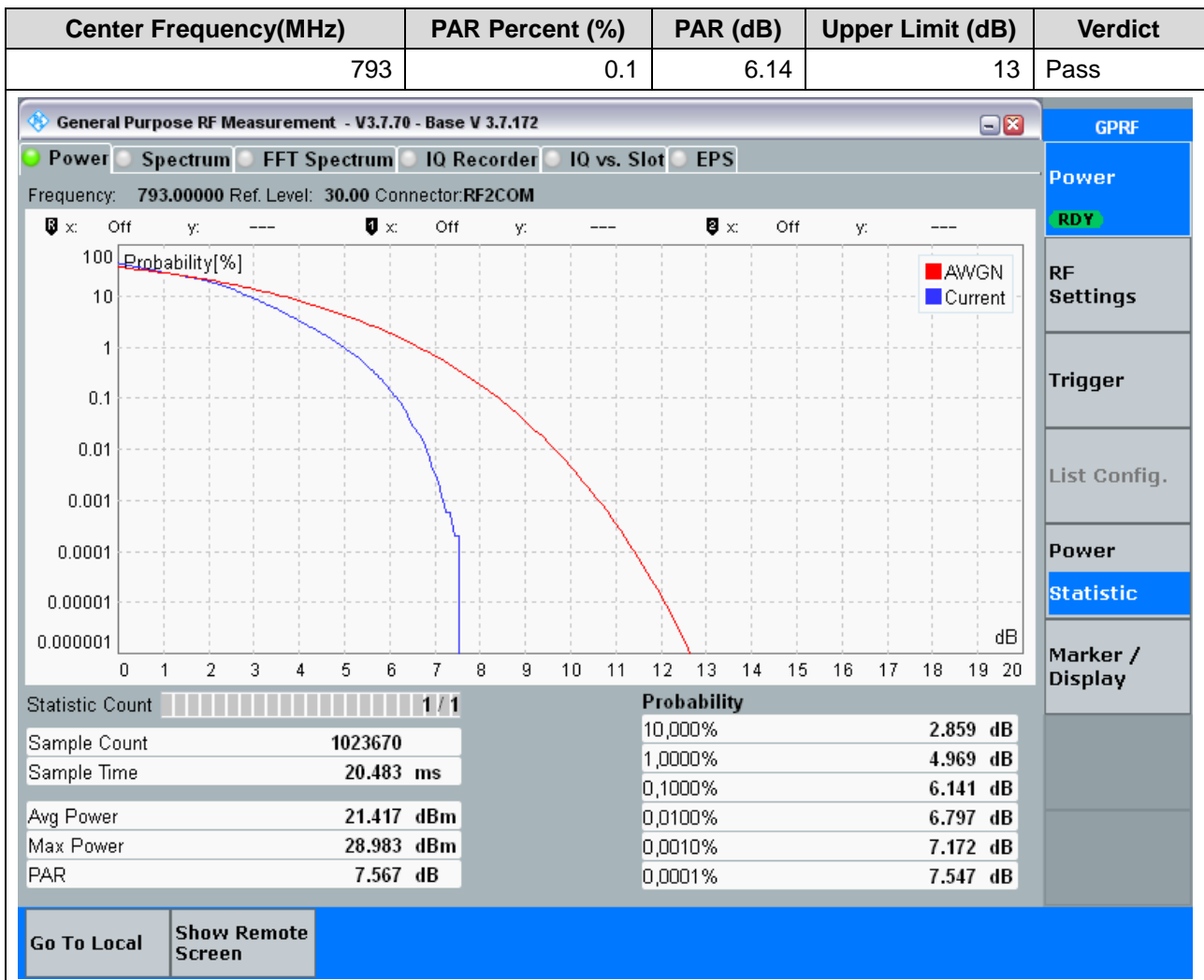
**10.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23330, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



### 10.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23330, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

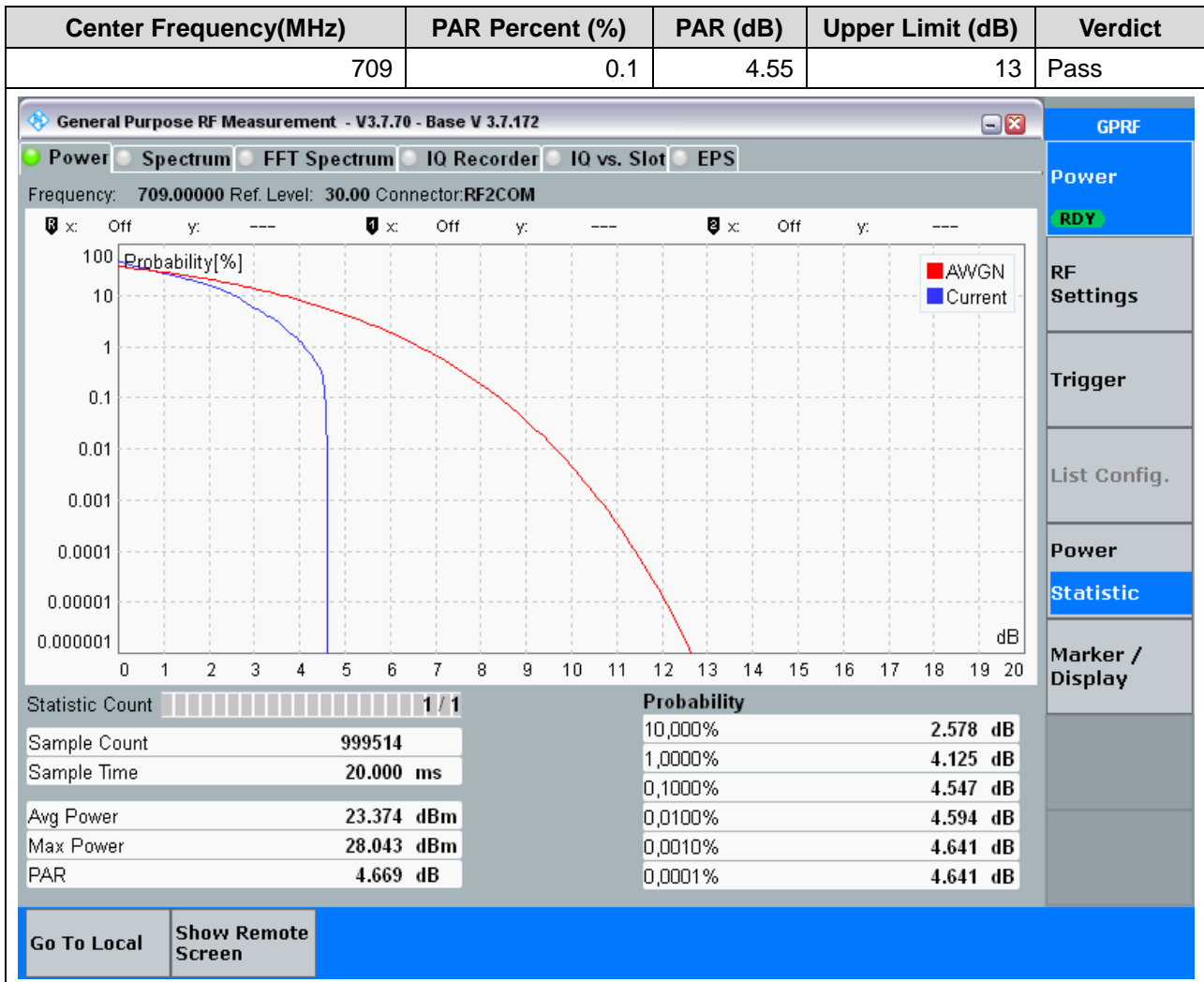


### 10.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23330, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

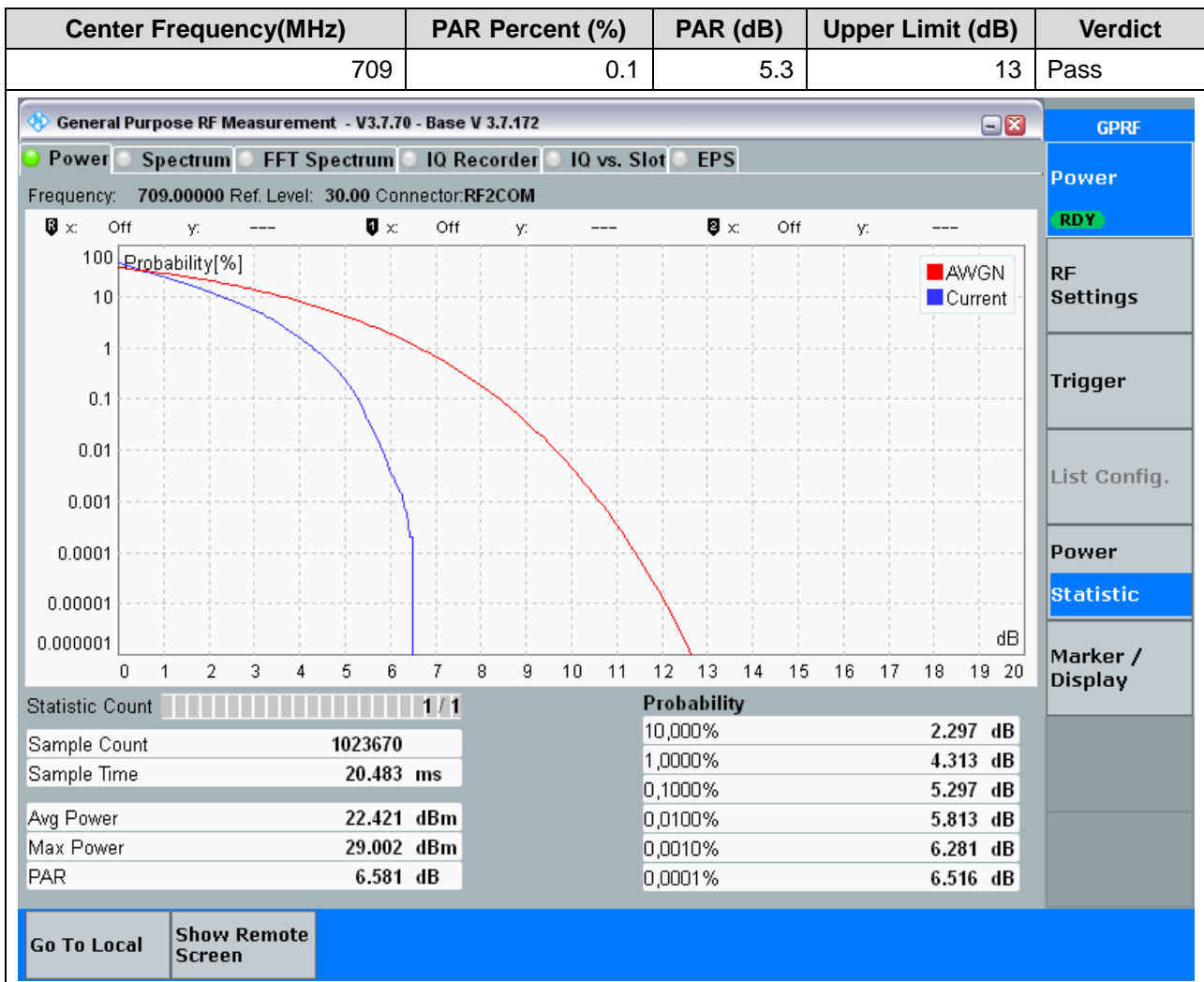


## 11. LTE\_Band17

### 11.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

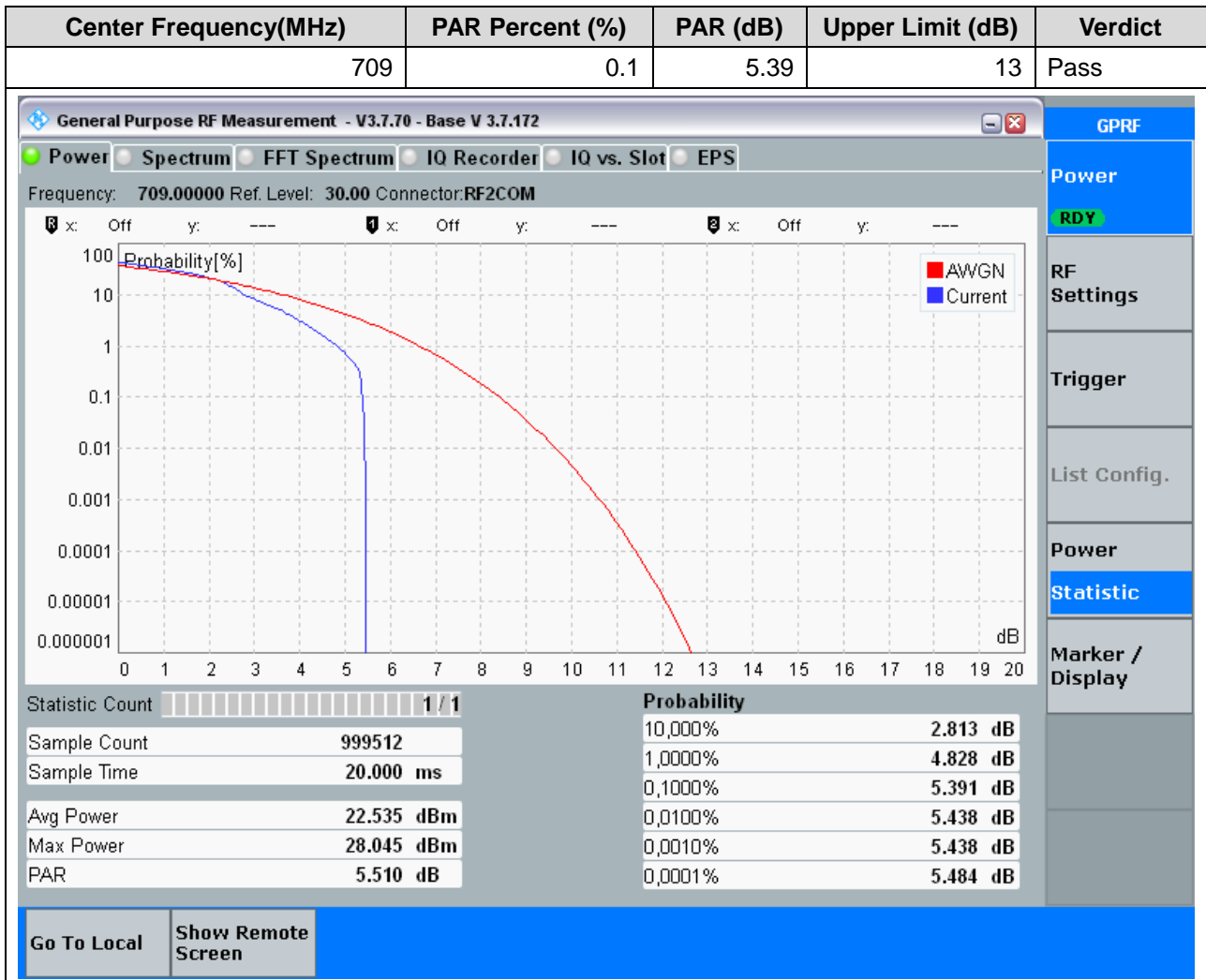


### 11.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

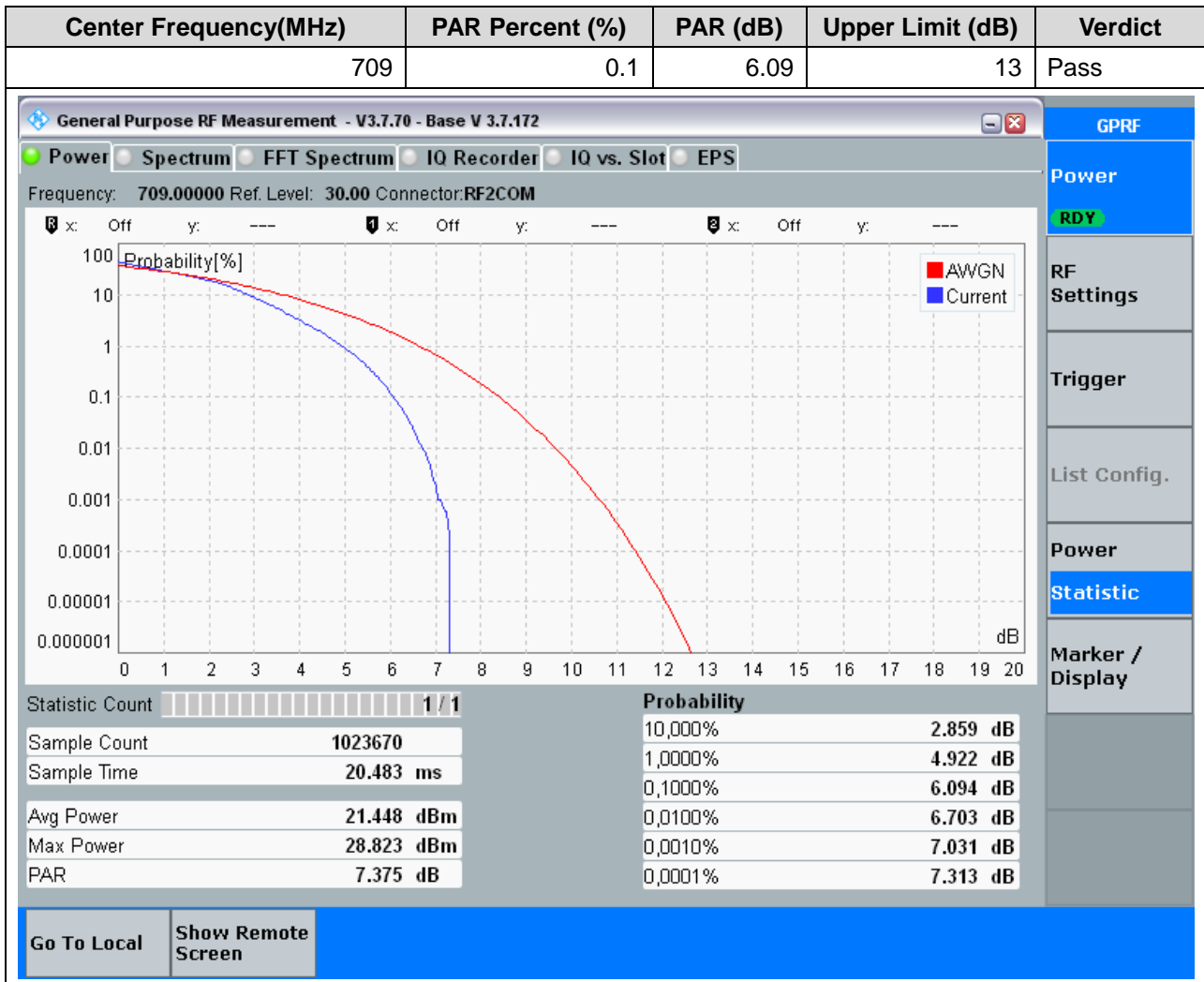




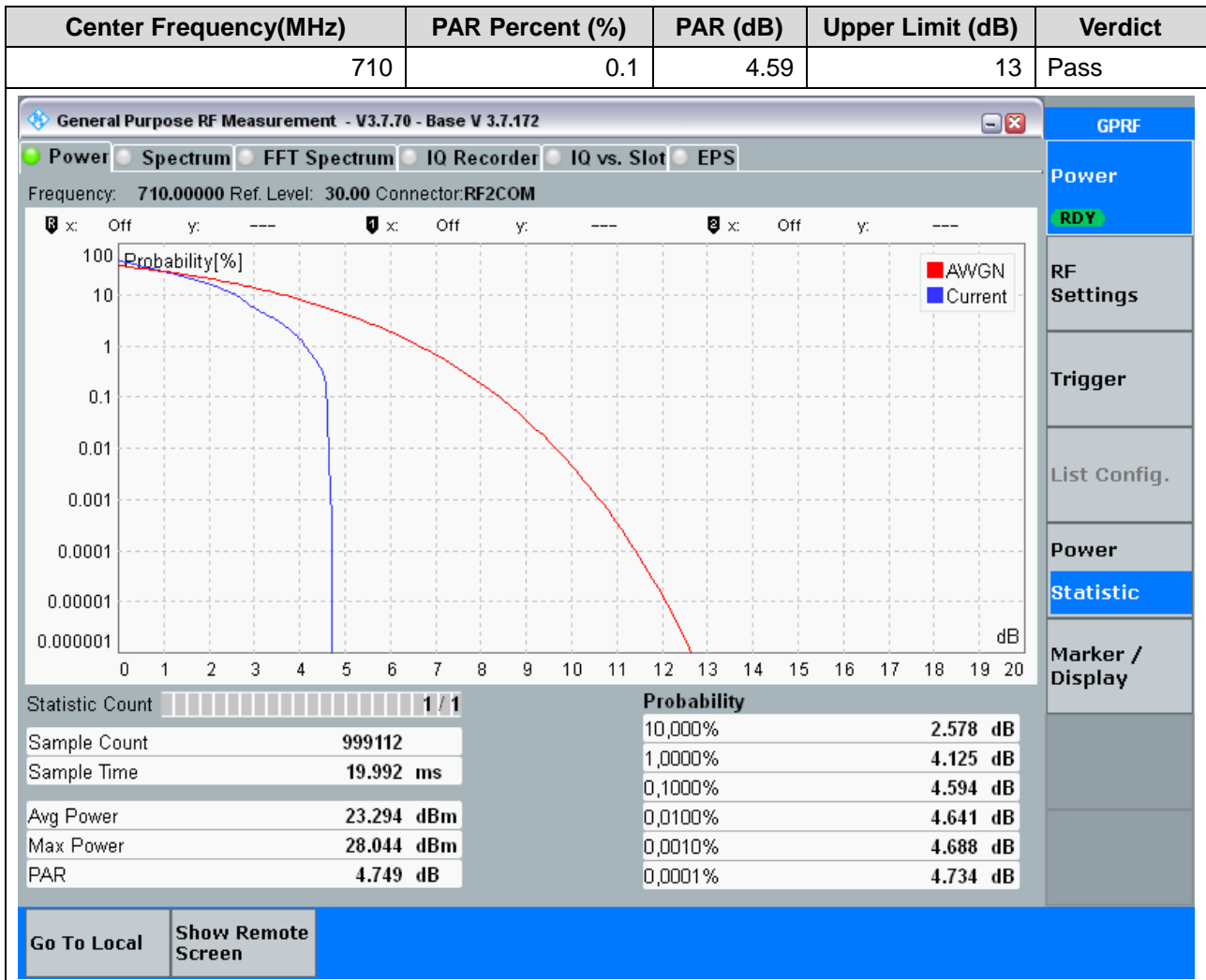
### 11.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)



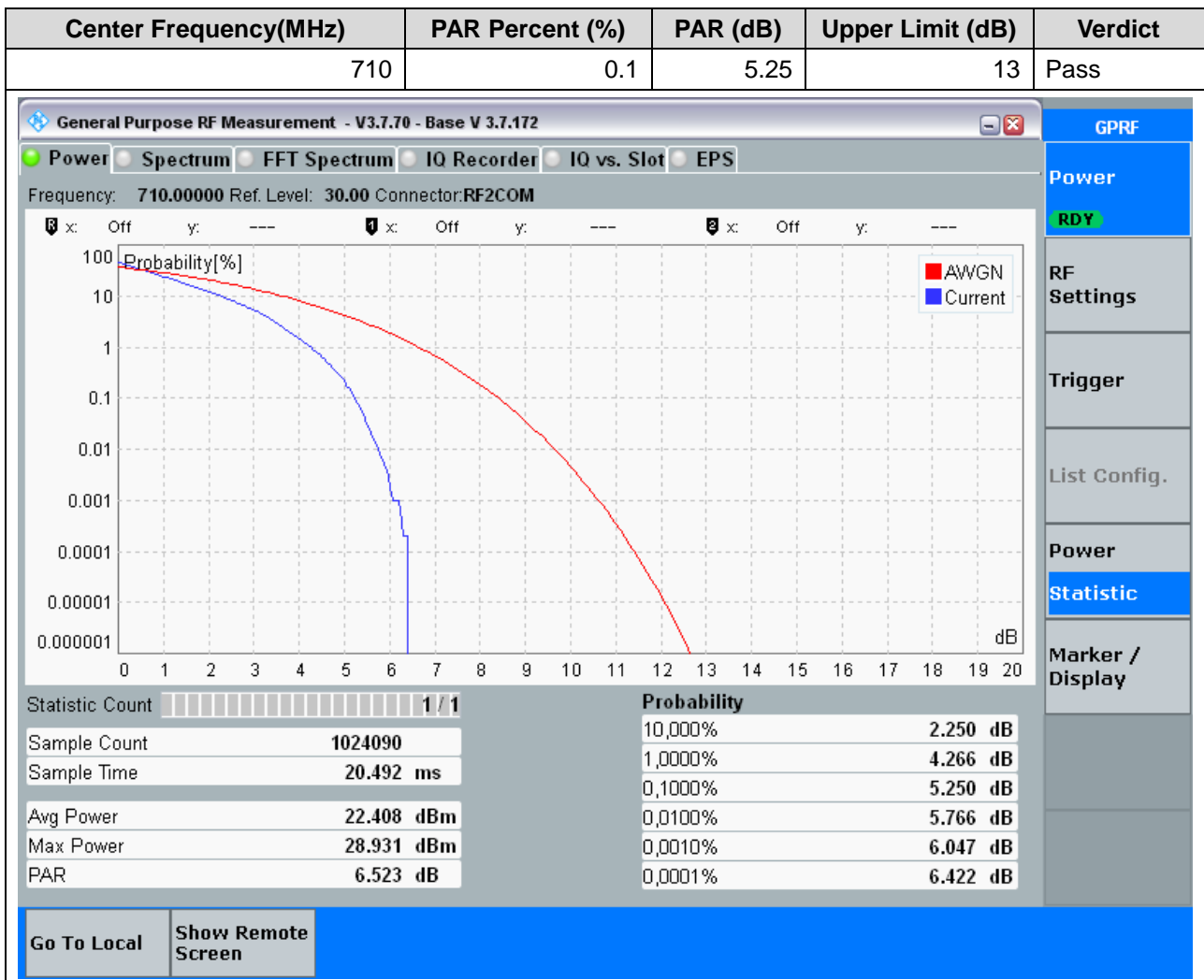
### 11.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



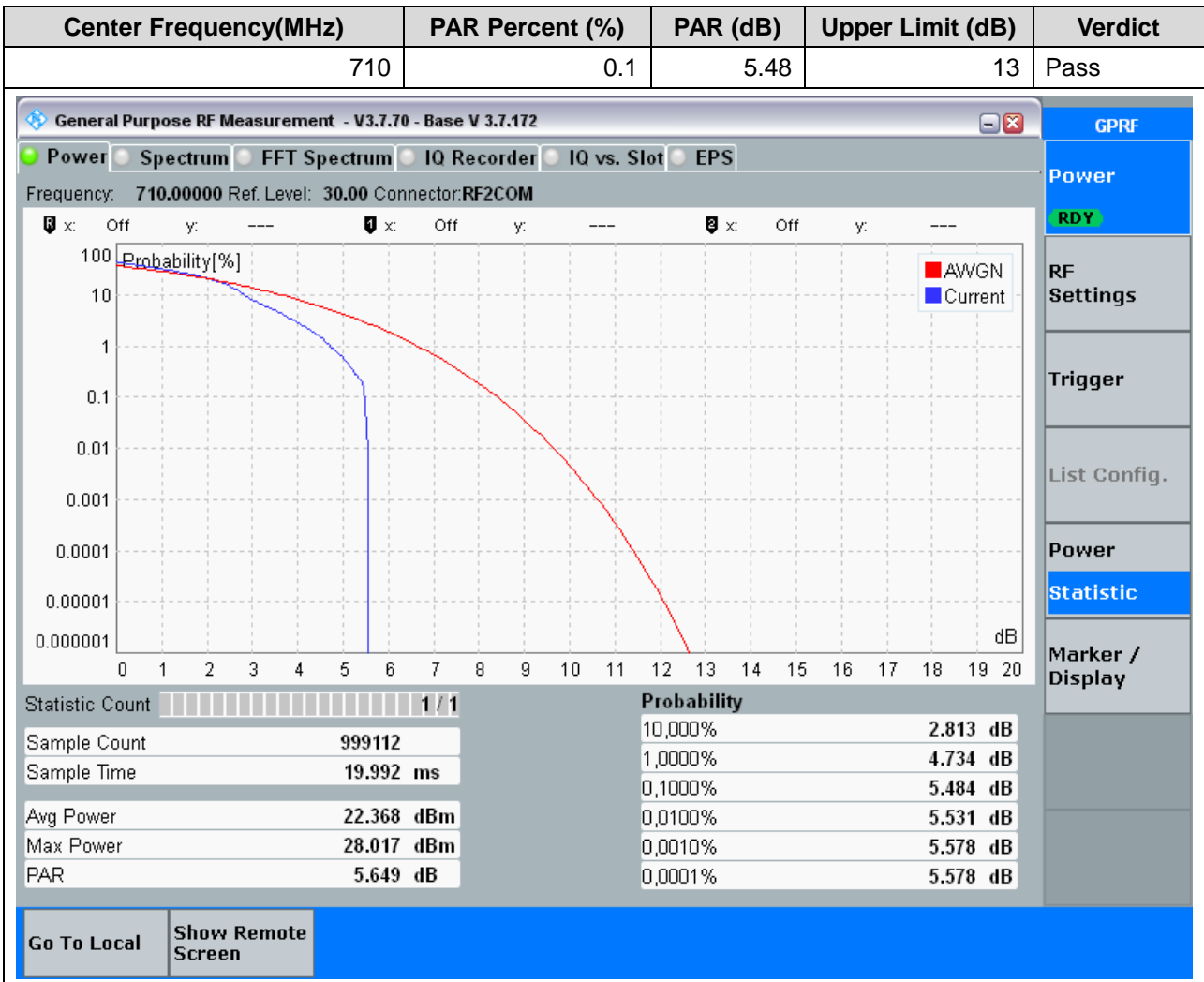
**11.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



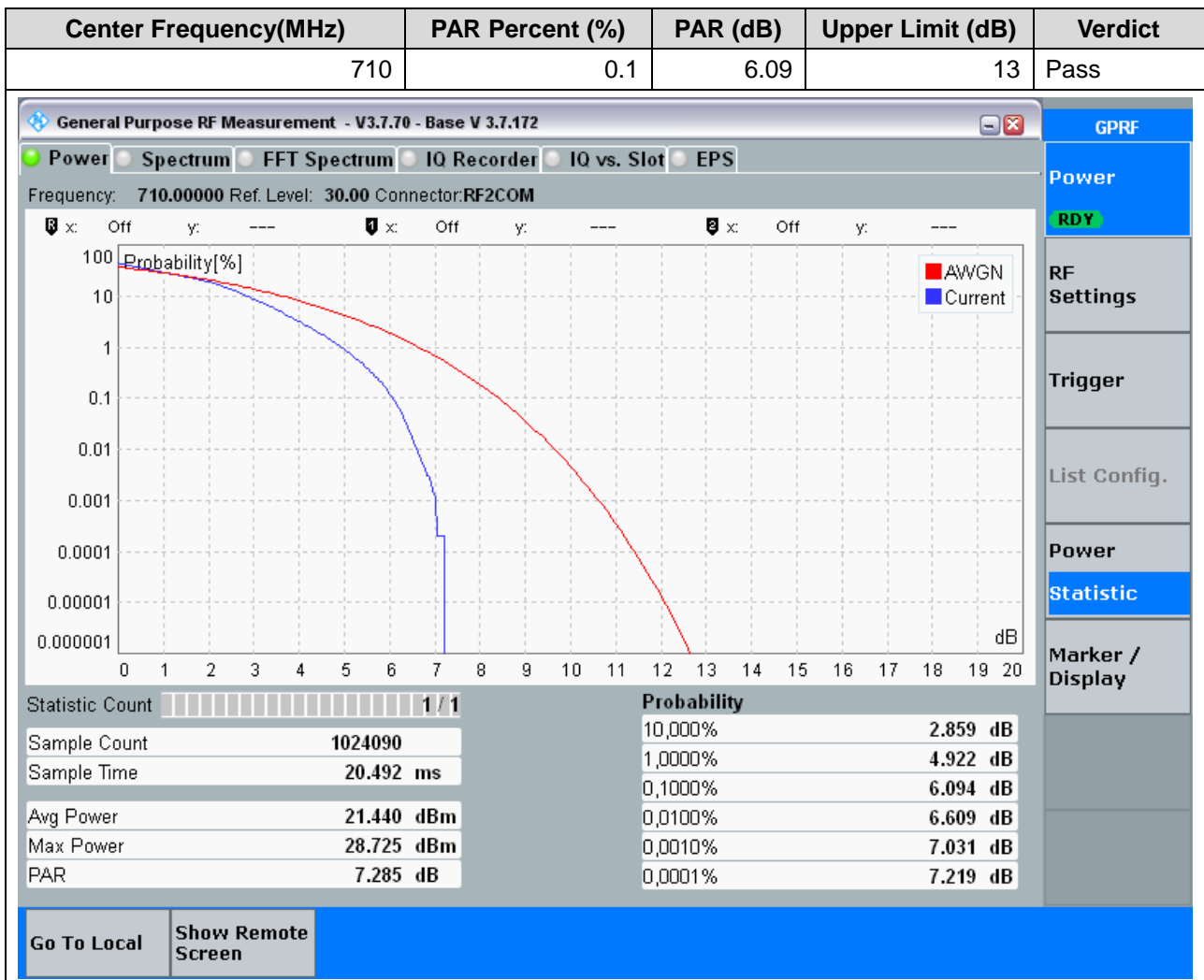
**11.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



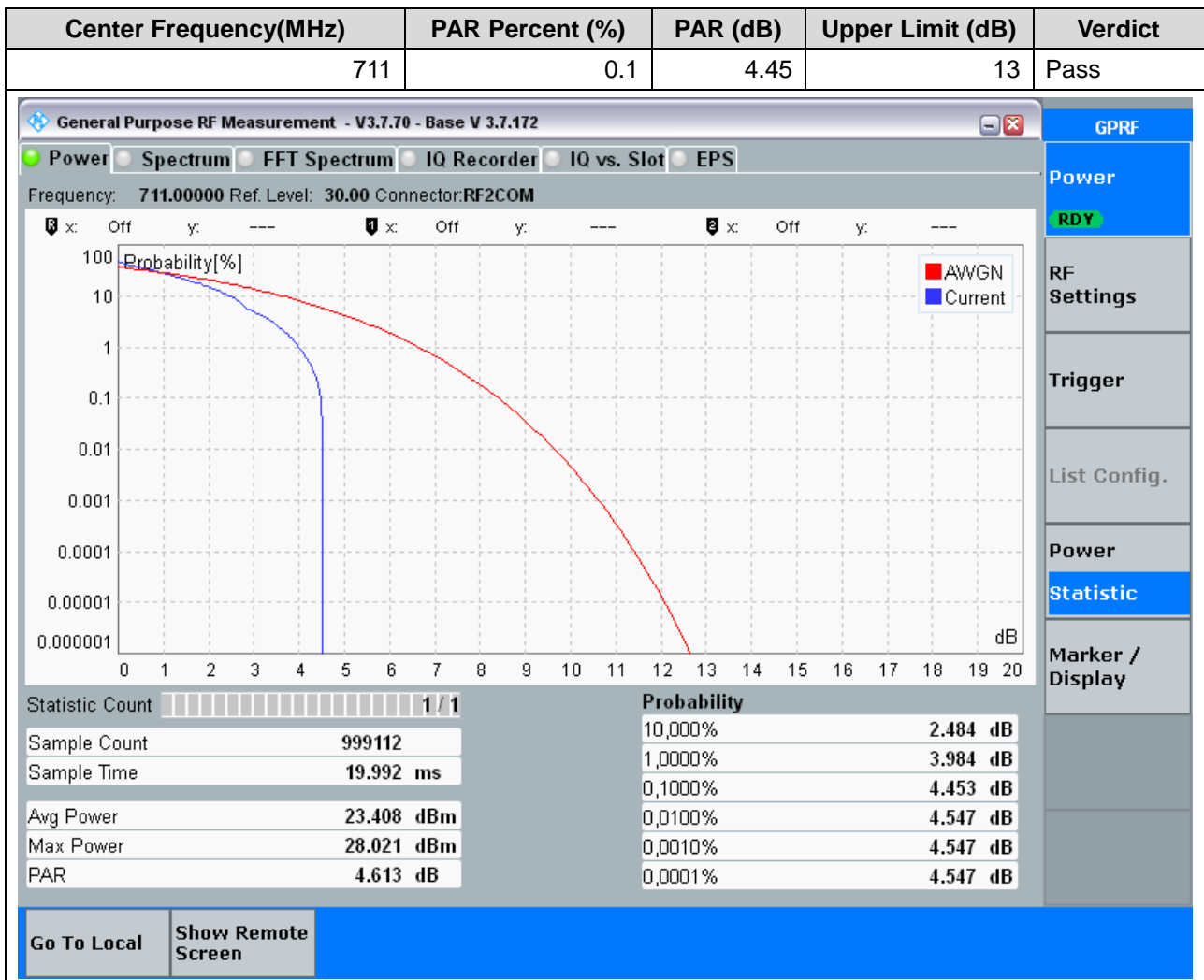
**11.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**



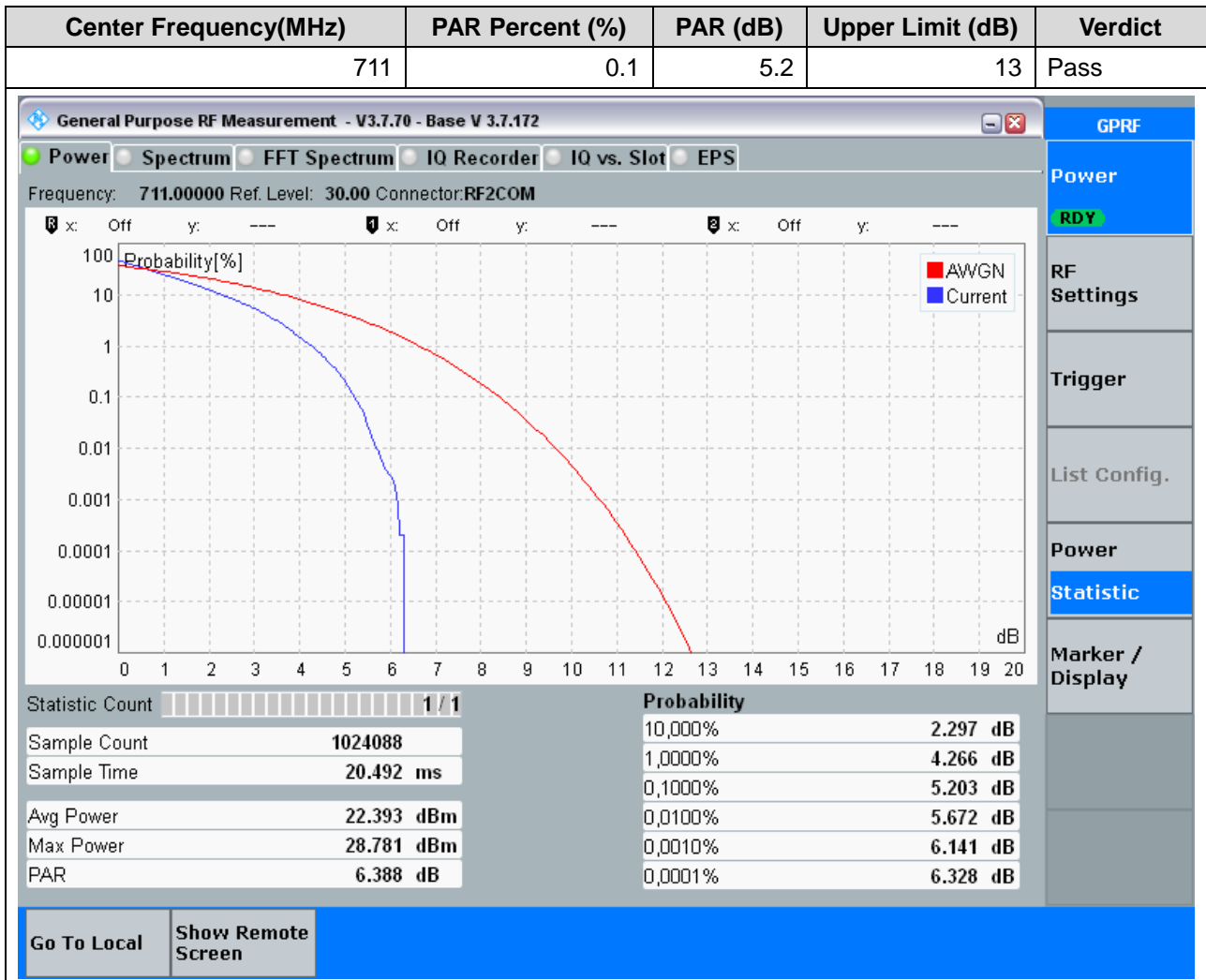
### 11.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



### 11.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



### 11.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)





**11.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

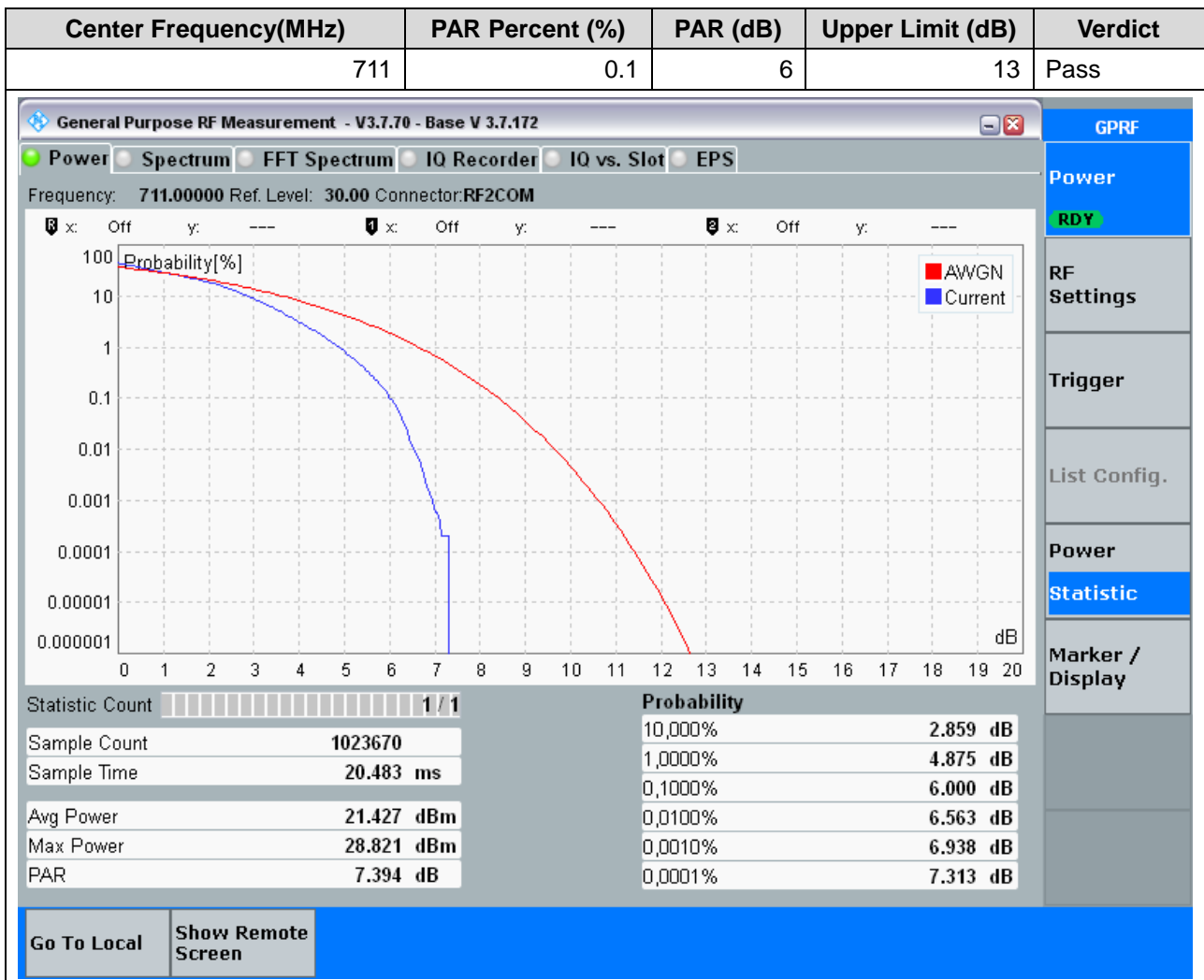
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
711	0.1	5.25	13	Pass

The screenshot displays the 'General Purpose RF Measurement' interface. The main graph plots 'Probability[%]' on the y-axis (log scale from 0.000001 to 100) against 'dB' on the x-axis (linear scale from 0 to 20). Two curves are shown: a red line for 'AWGN' and a blue line for 'Current'. The 'Current' curve shows a sharp drop-off around 5.5 dB, while the 'AWGN' curve is much flatter. Below the graph, a statistics table provides the following data:

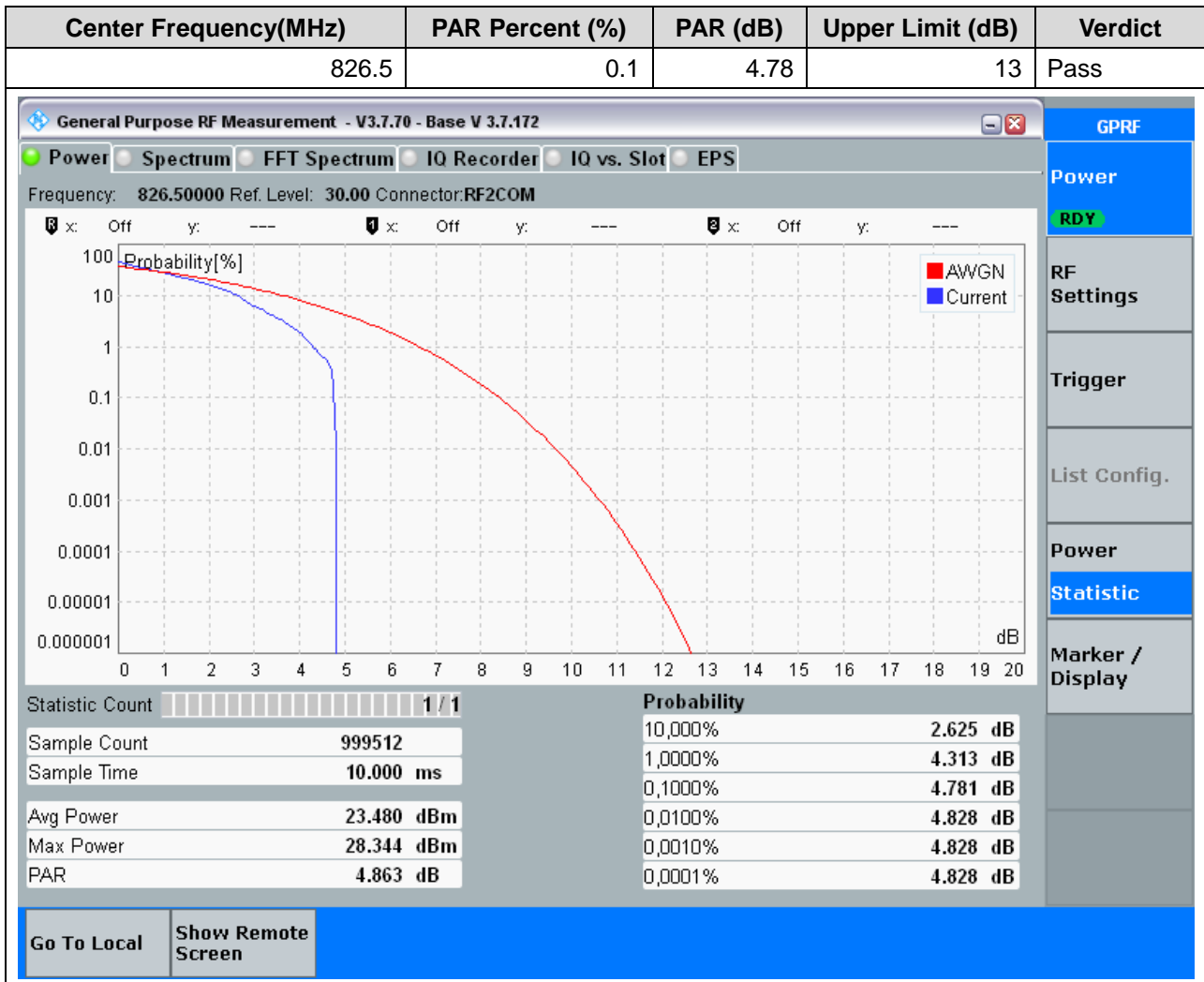
Statistic	Value	Probability	Value (dB)
Sample Count	999112	10,000%	2.813 dB
Sample Time	19.992 ms	1,0000%	4.641 dB
Avg Power	22.526 dBm	0,1000%	5.250 dB
Max Power	28.028 dBm	0,0100%	5.391 dB
PAR	5.502 dB	0,0010%	5.438 dB
		0,0001%	5.438 dB

### 11.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

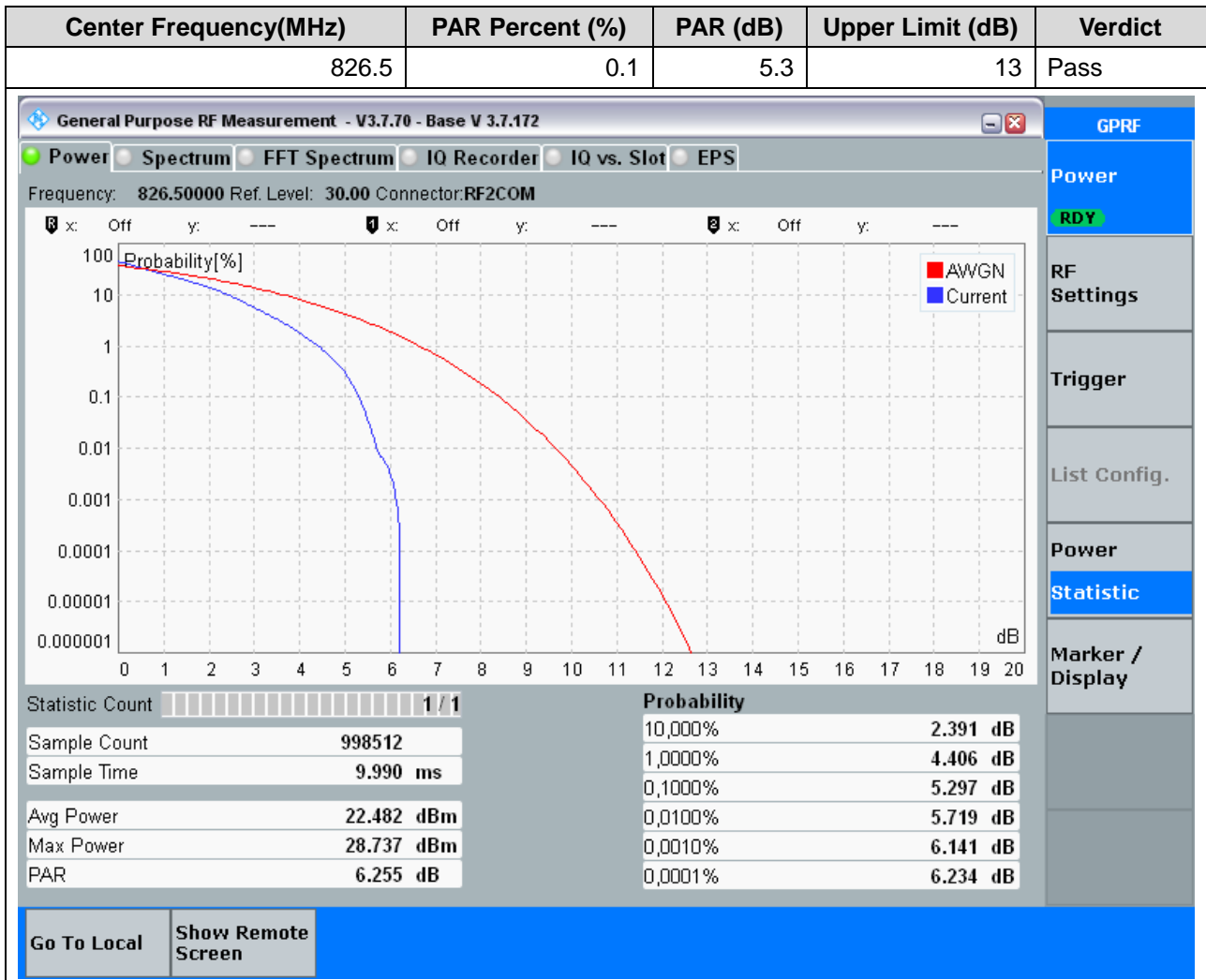


## 12. LTE\_Band18(815-824MHz)

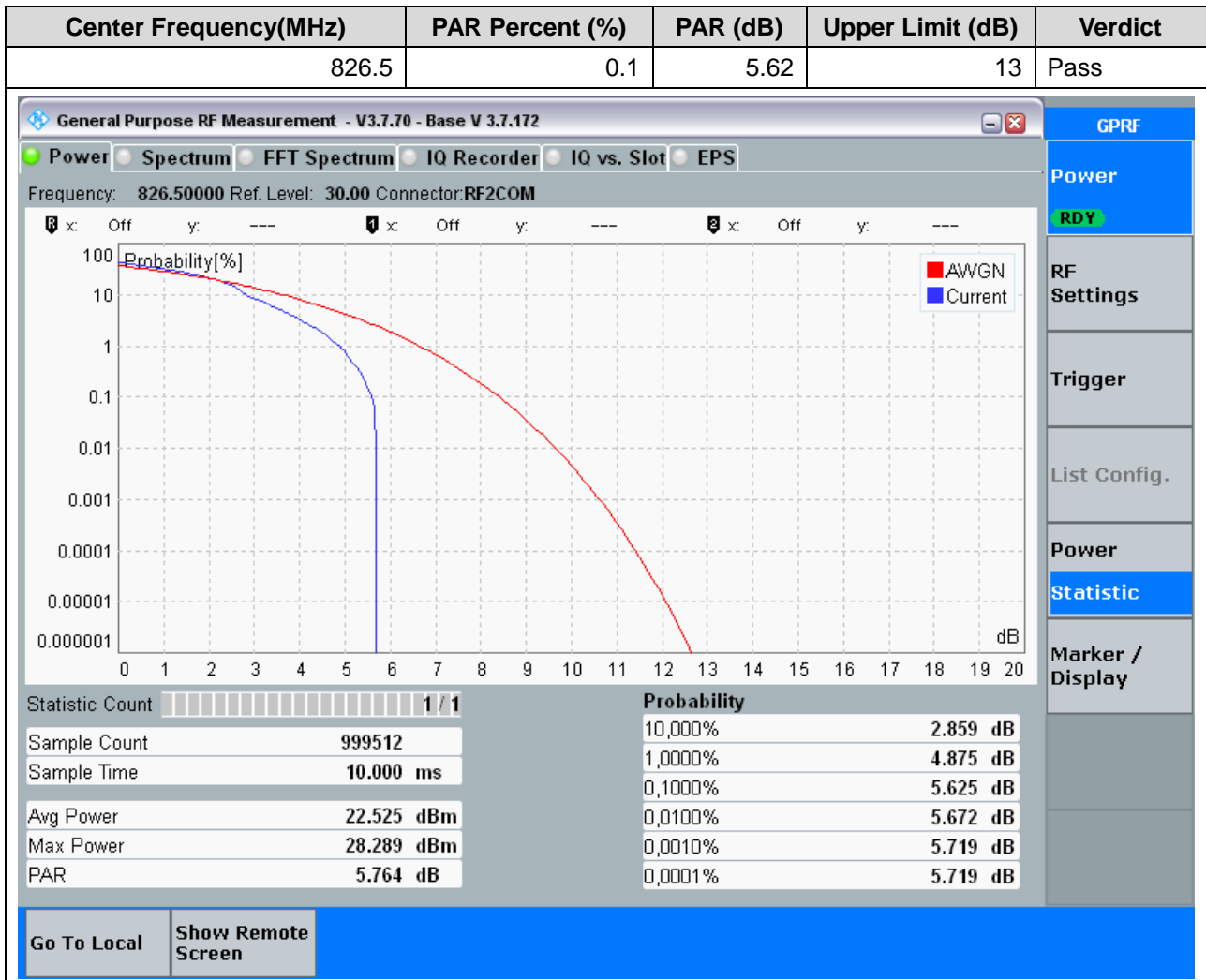
### 12.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23965, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



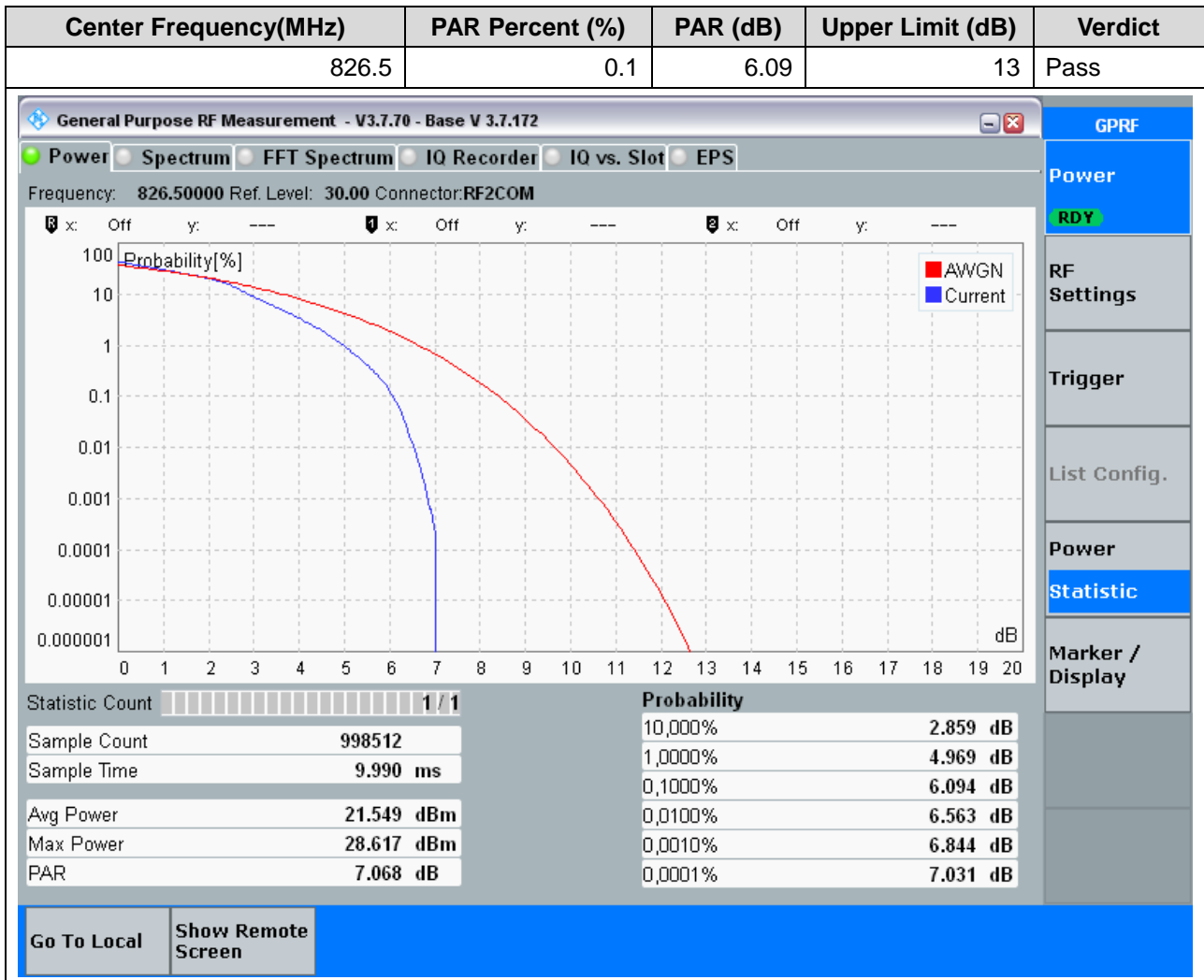
### 12.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23965, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



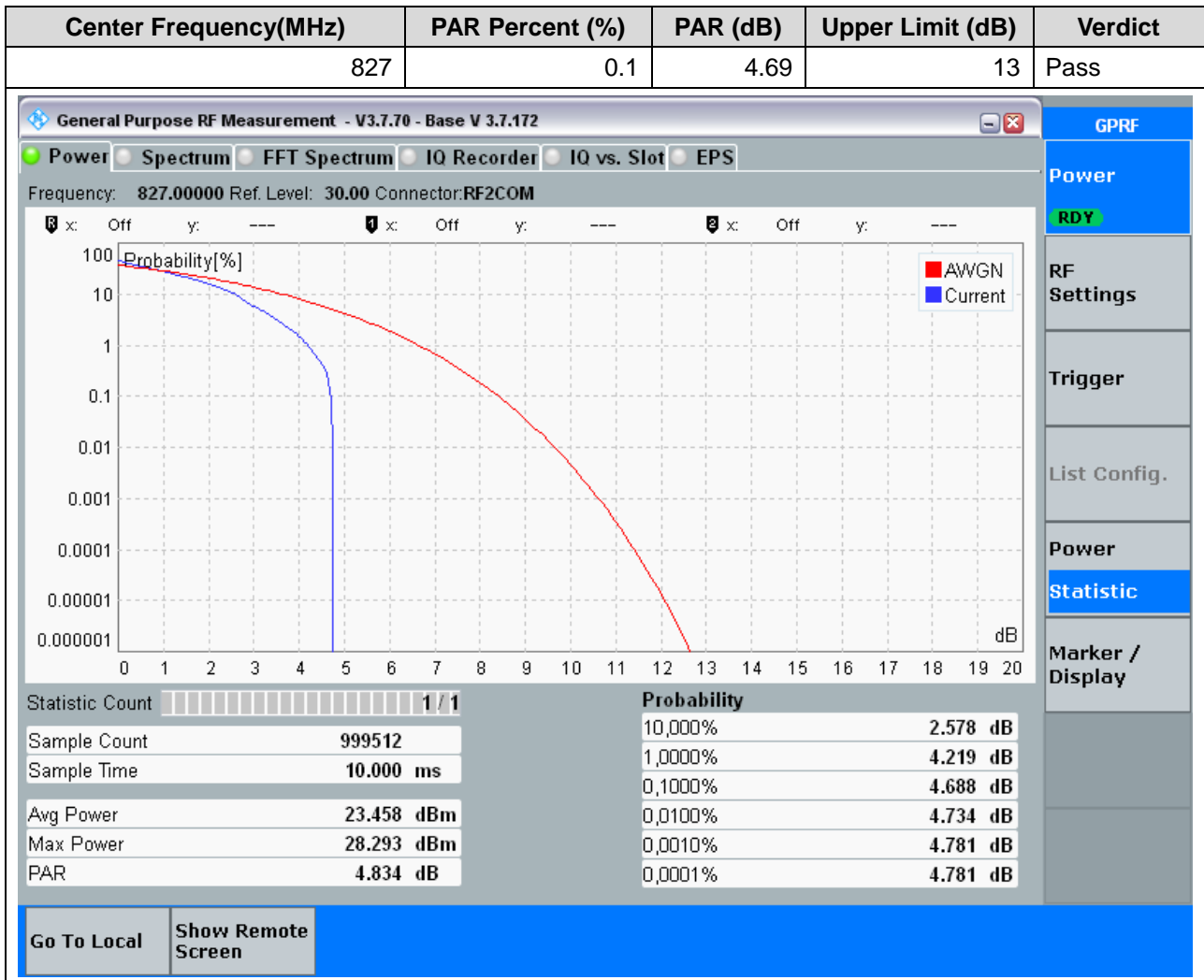
### 12.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23965, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



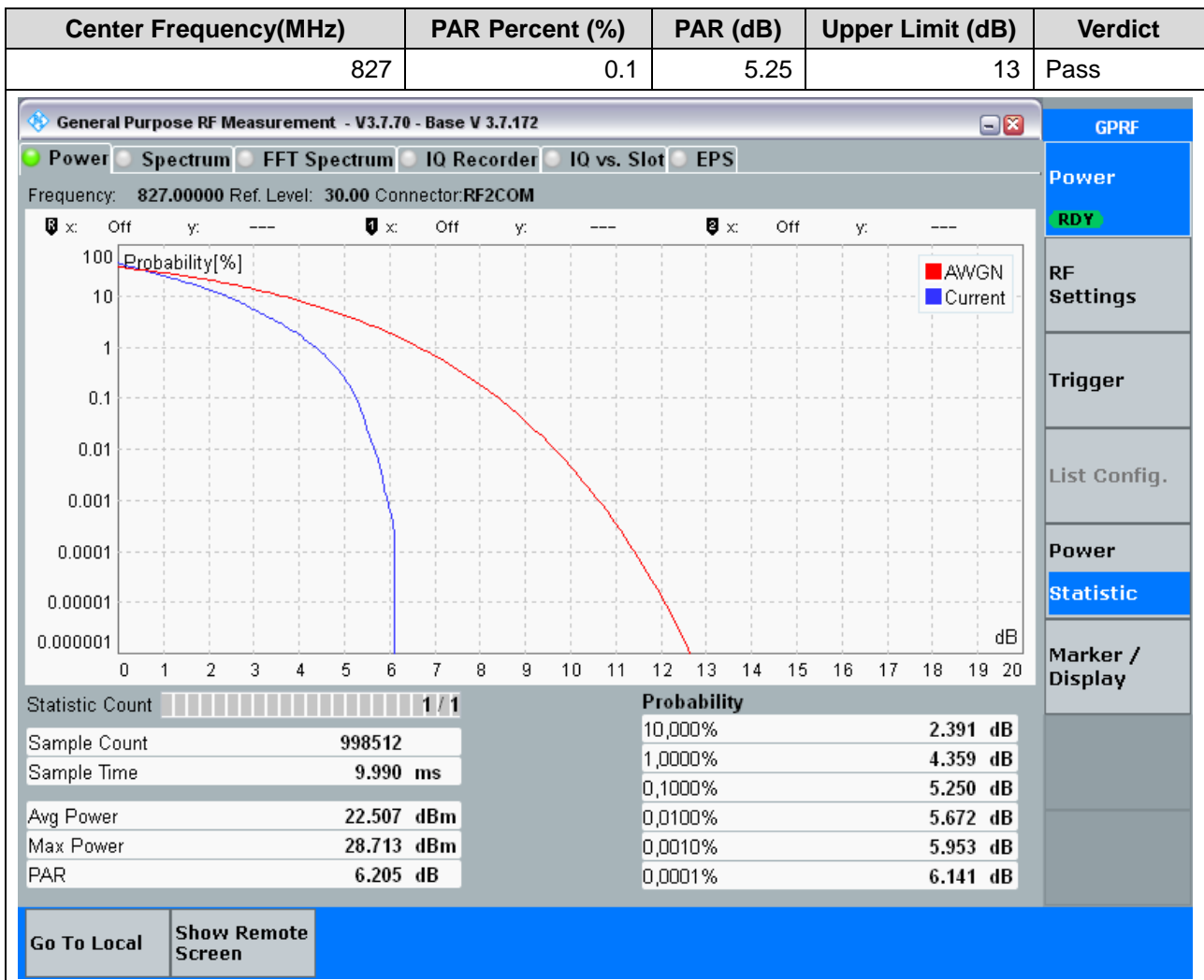
**12.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23965, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



**12.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:23970, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

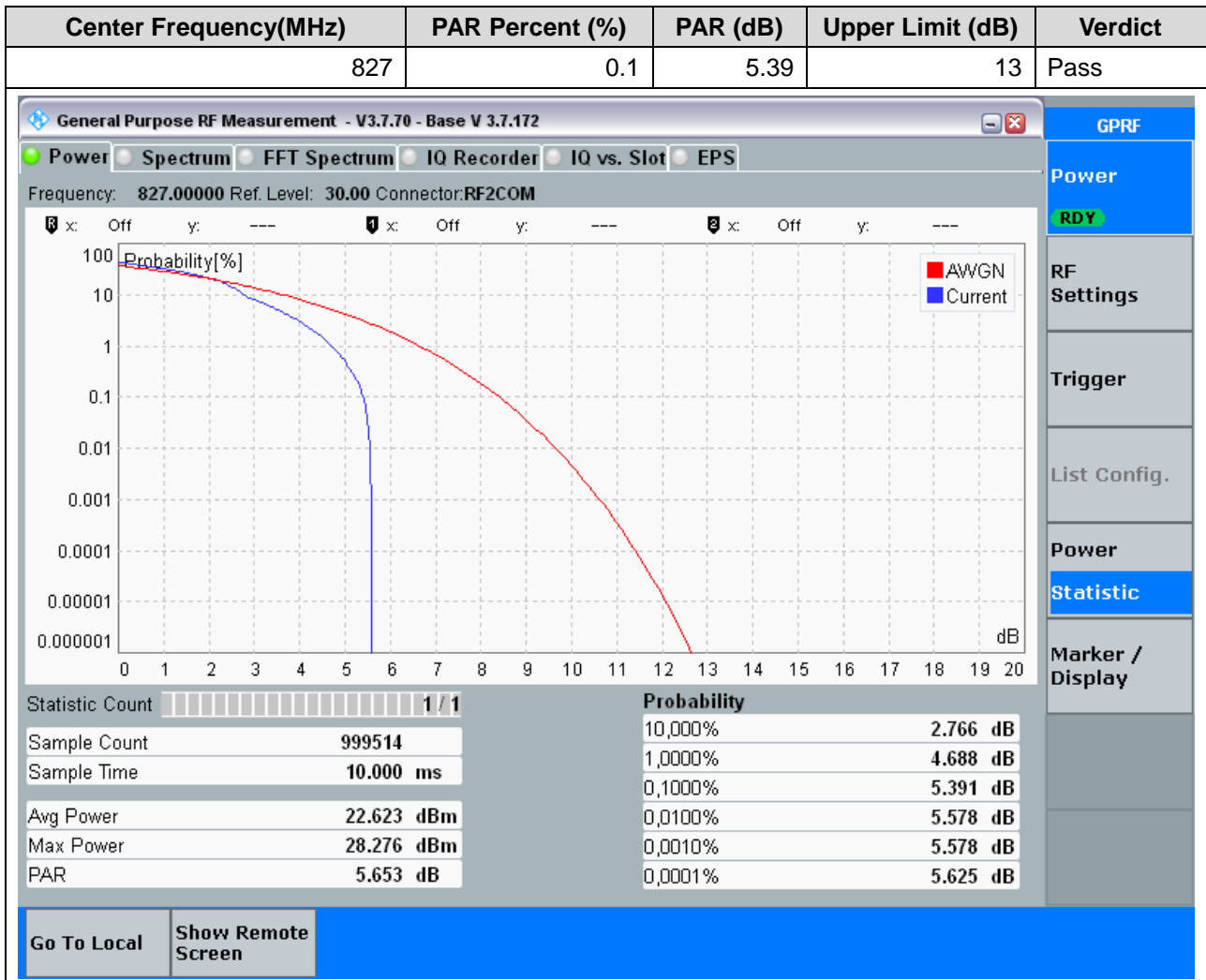


**12.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:23970, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

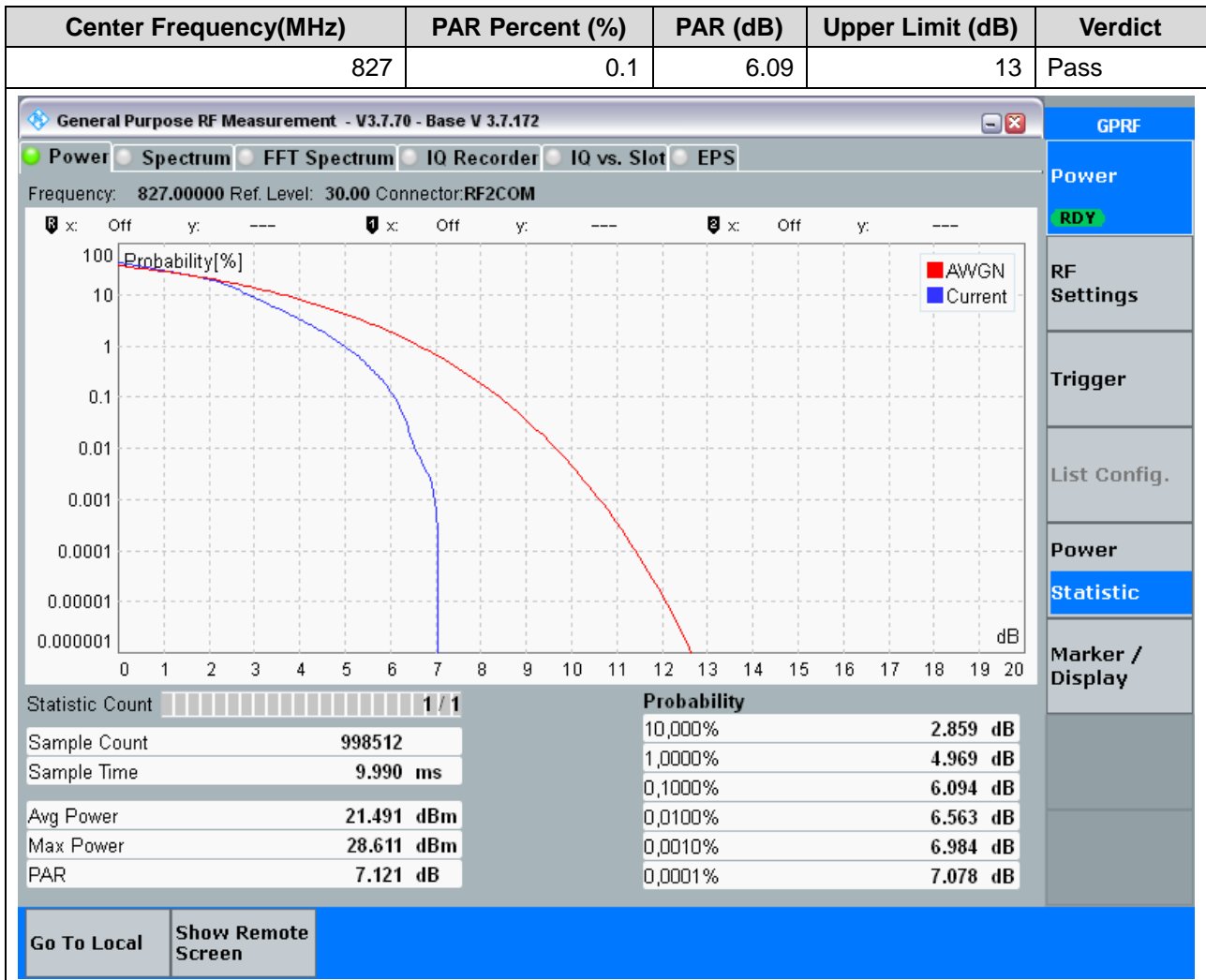




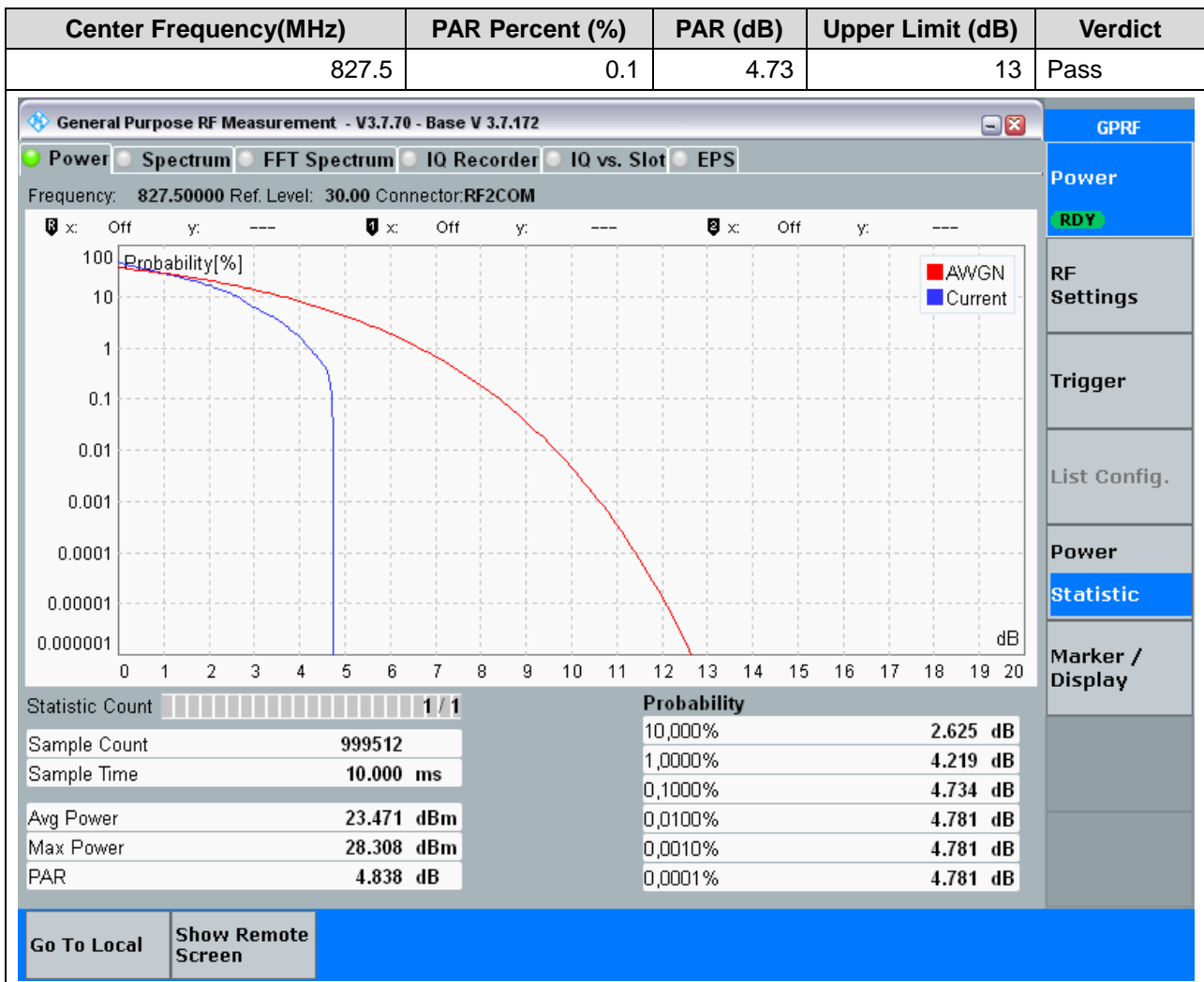
**12.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:23970, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)**



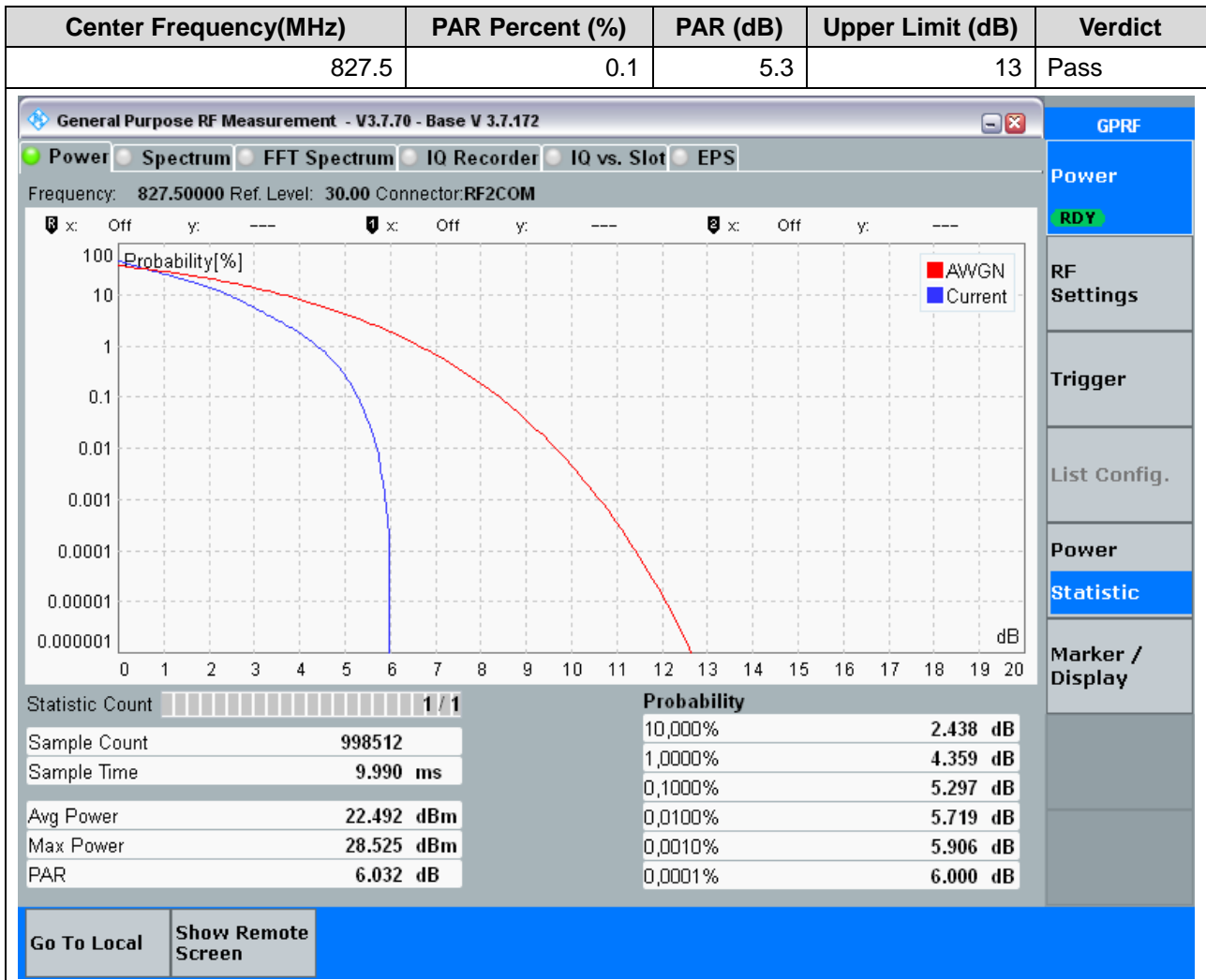
**12.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:23970, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



### 12.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:23975, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)



**12.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:23975, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**



### 12.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:23975, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
827.5	0.1	5.44	13	Pass

**General Purpose RF Measurement - V3.7.70 - Base V 3.7.172**  
 Frequency: 827.50000 Ref. Level: 30.00 Connector:RF2COM

GPRF

Power
Spectrum
FFT Spectrum
IQ Recorder
IQ vs. Slot
EPS

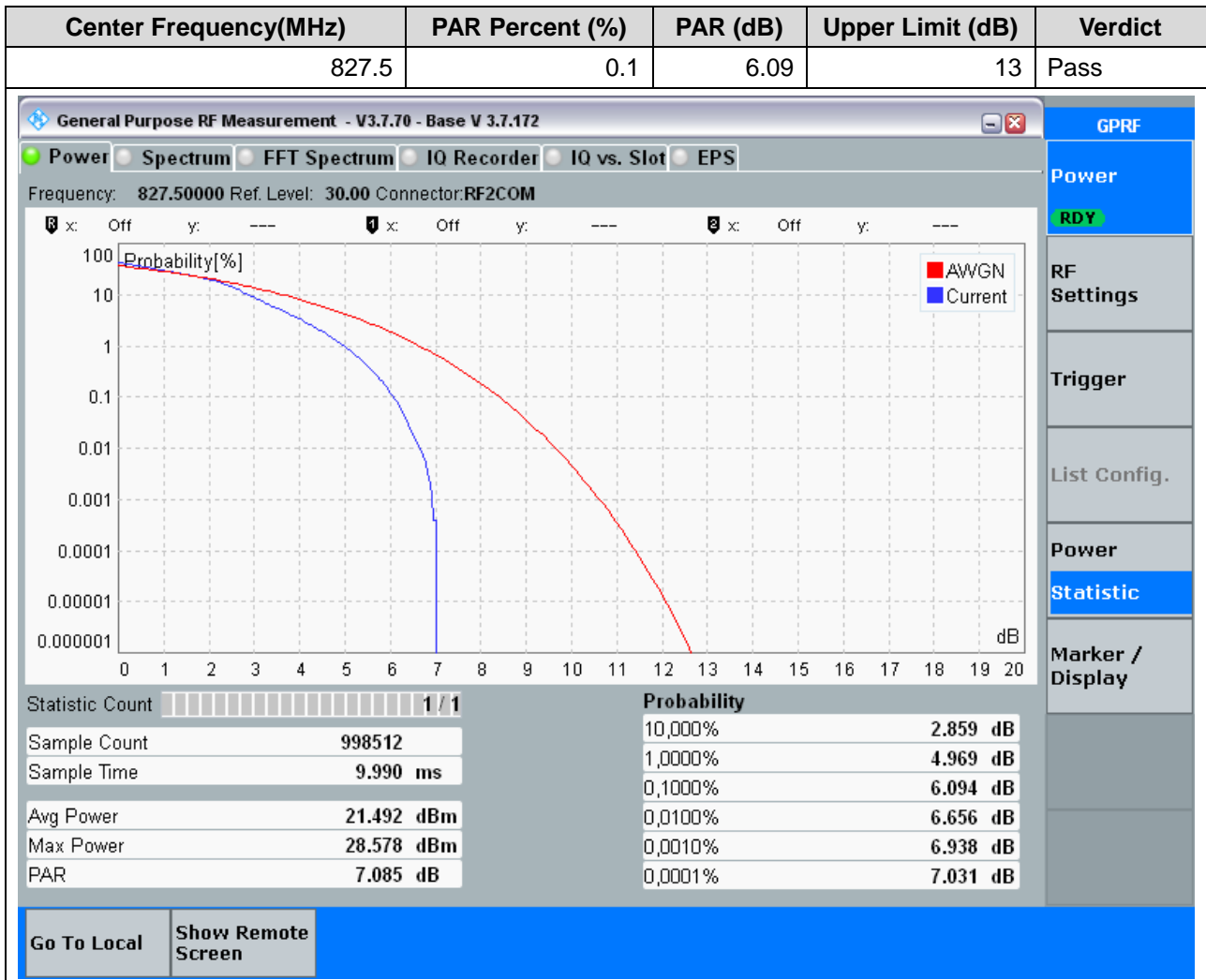
Statistic Count	
Sample Count	999512
Sample Time	10.000 ms
Avg Power	22.693 dBm
Max Power	28.281 dBm
PAR	5.588 dB

Probability	
10,000%	2.672 dB
1,0000%	4.641 dB
0,1000%	5.438 dB
0,0100%	5.484 dB
0,0010%	5.531 dB
0,0001%	5.531 dB

Go To Local
Show Remote Screen

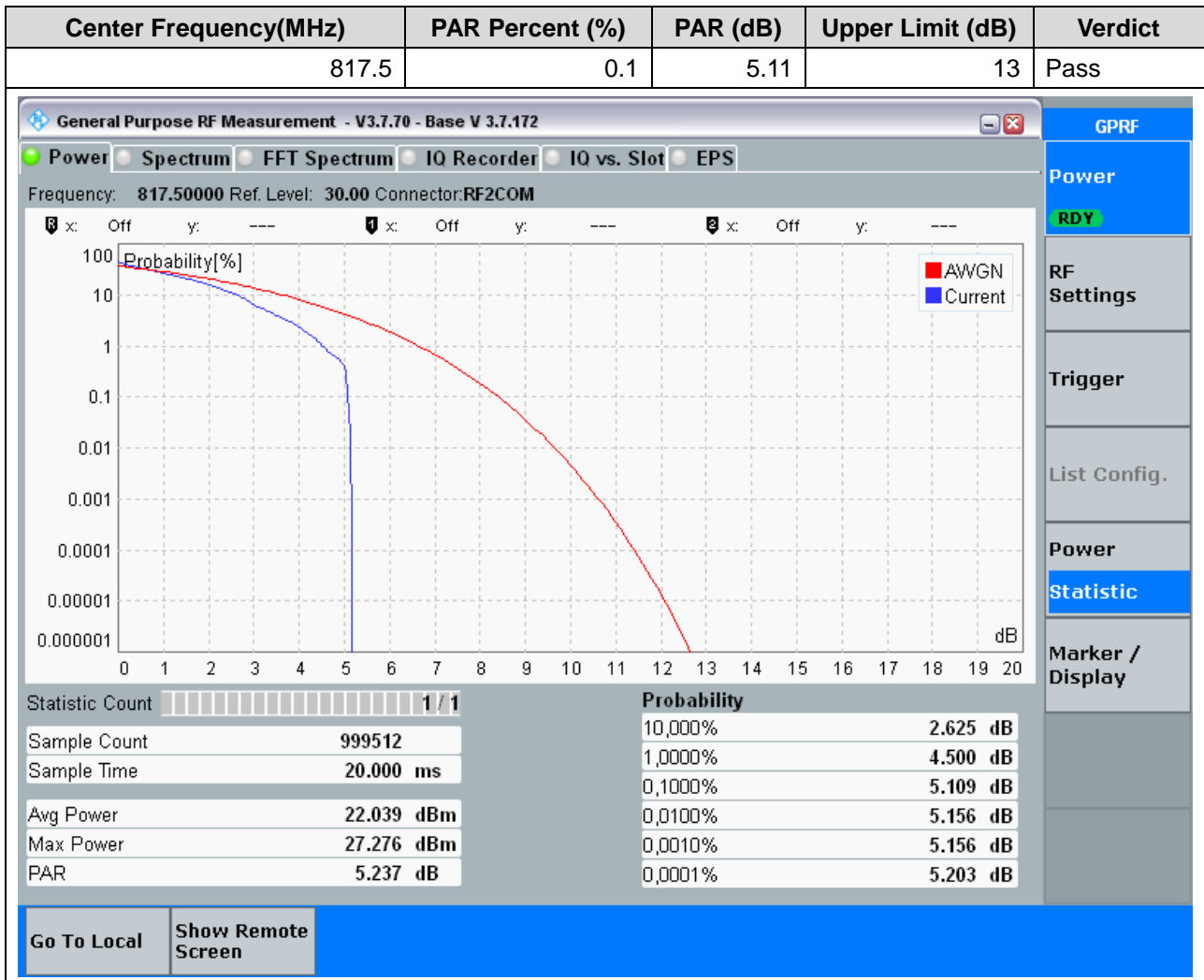
Power
RDY
RF Settings
Trigger
List Config.
Power
Statistic
Marker / Display

**12.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:23975, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

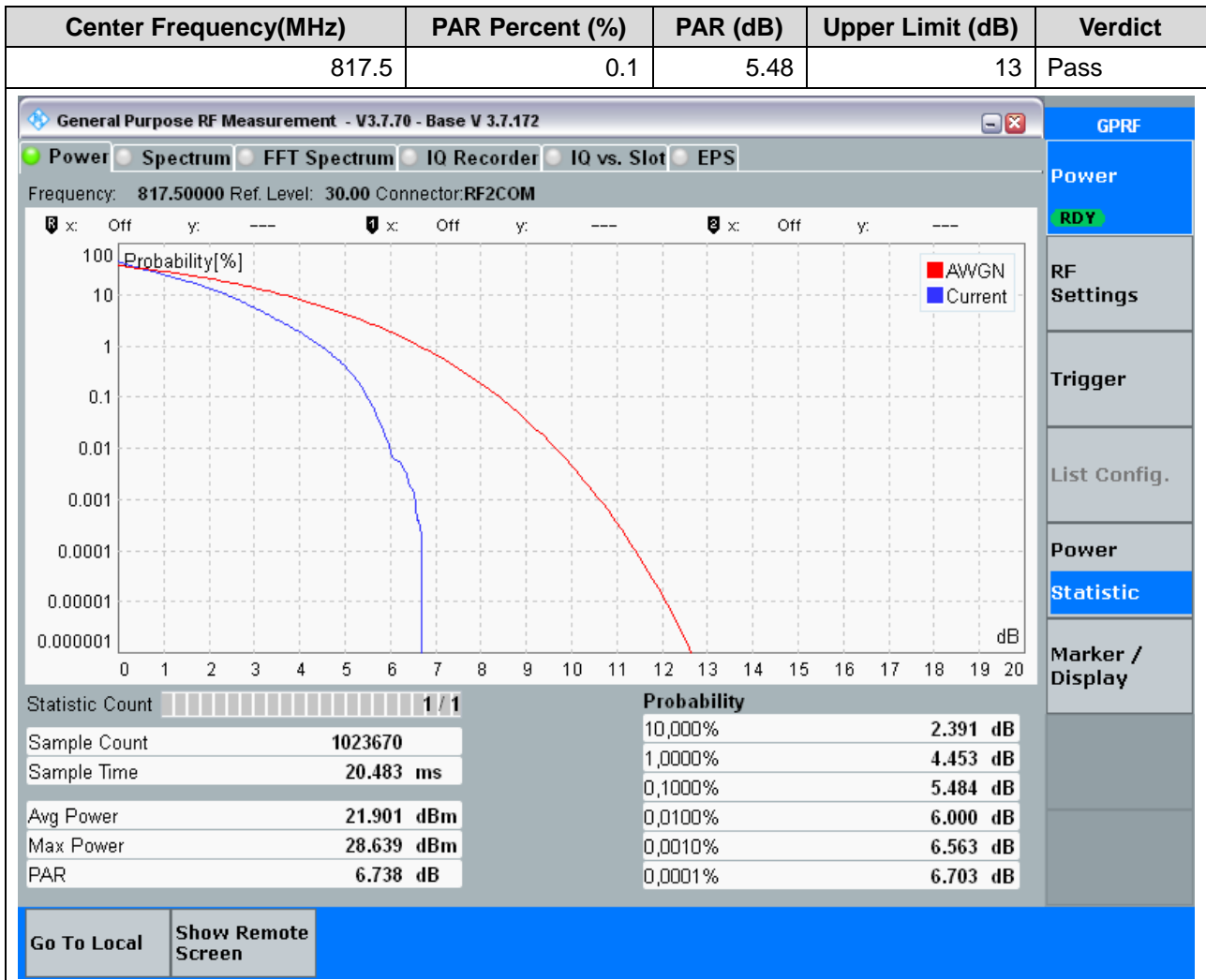


### 13. LTE\_Band18(824-830MHz)

#### 13.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:23875, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

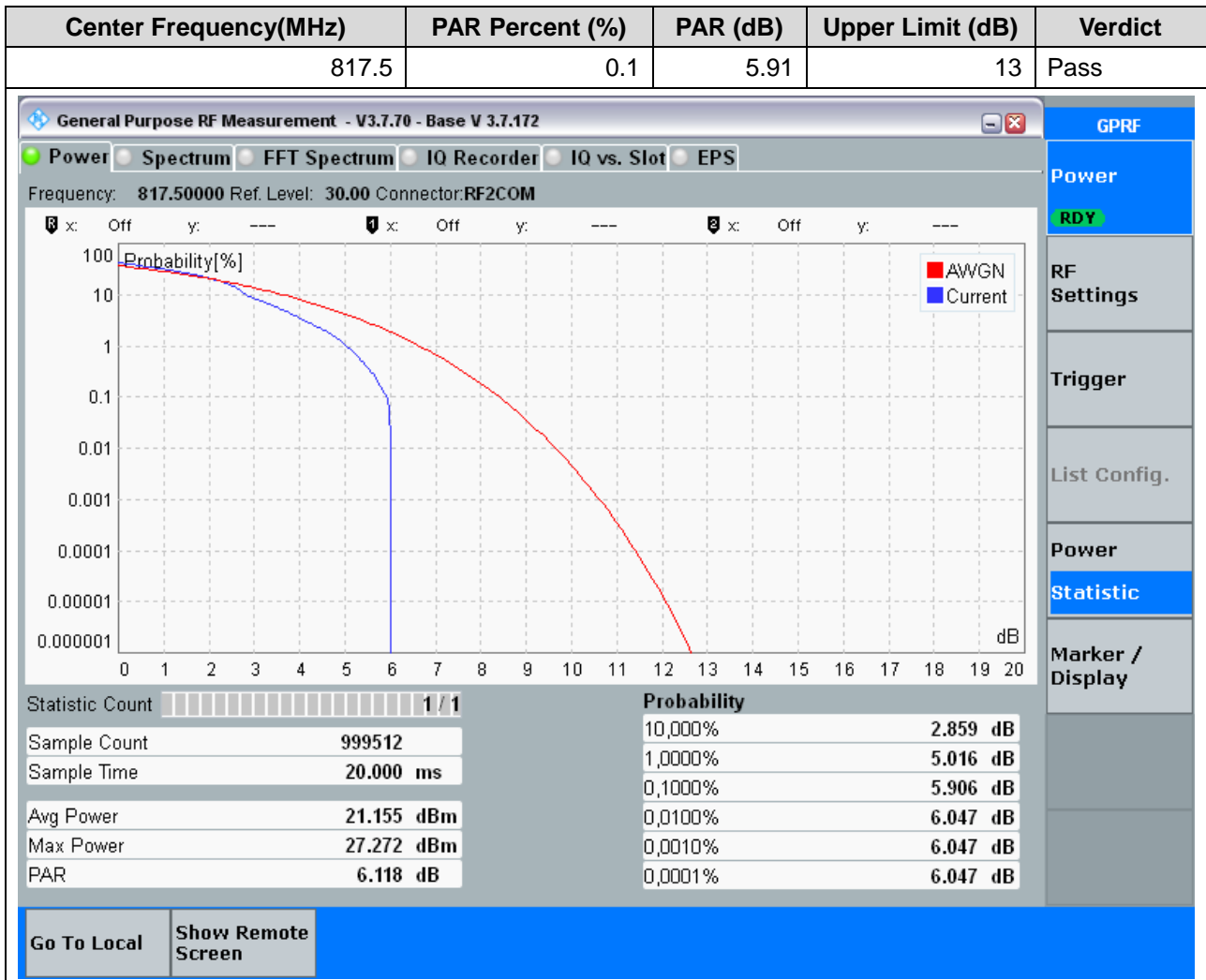


**13.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:23875, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

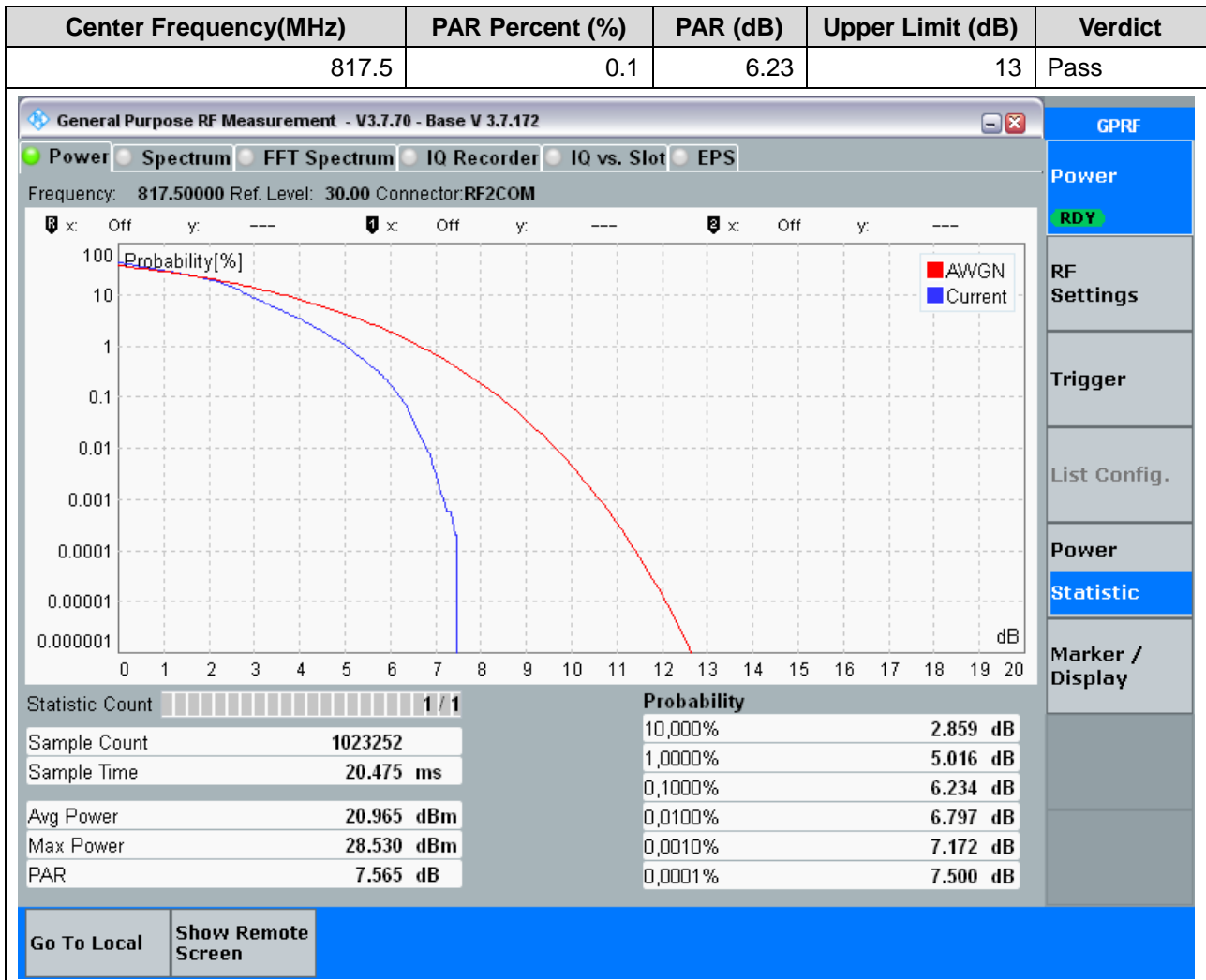




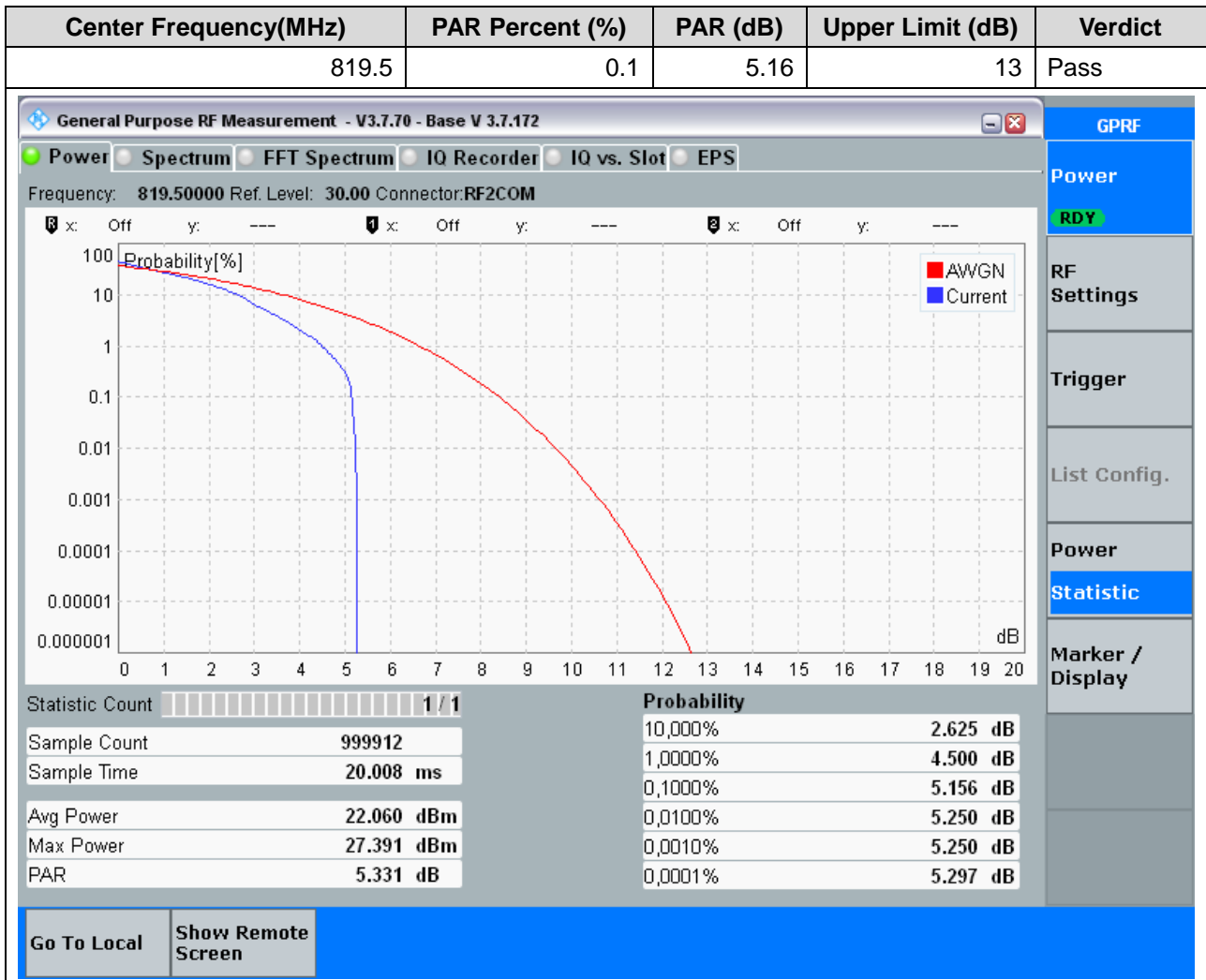
### 13.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:23875, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



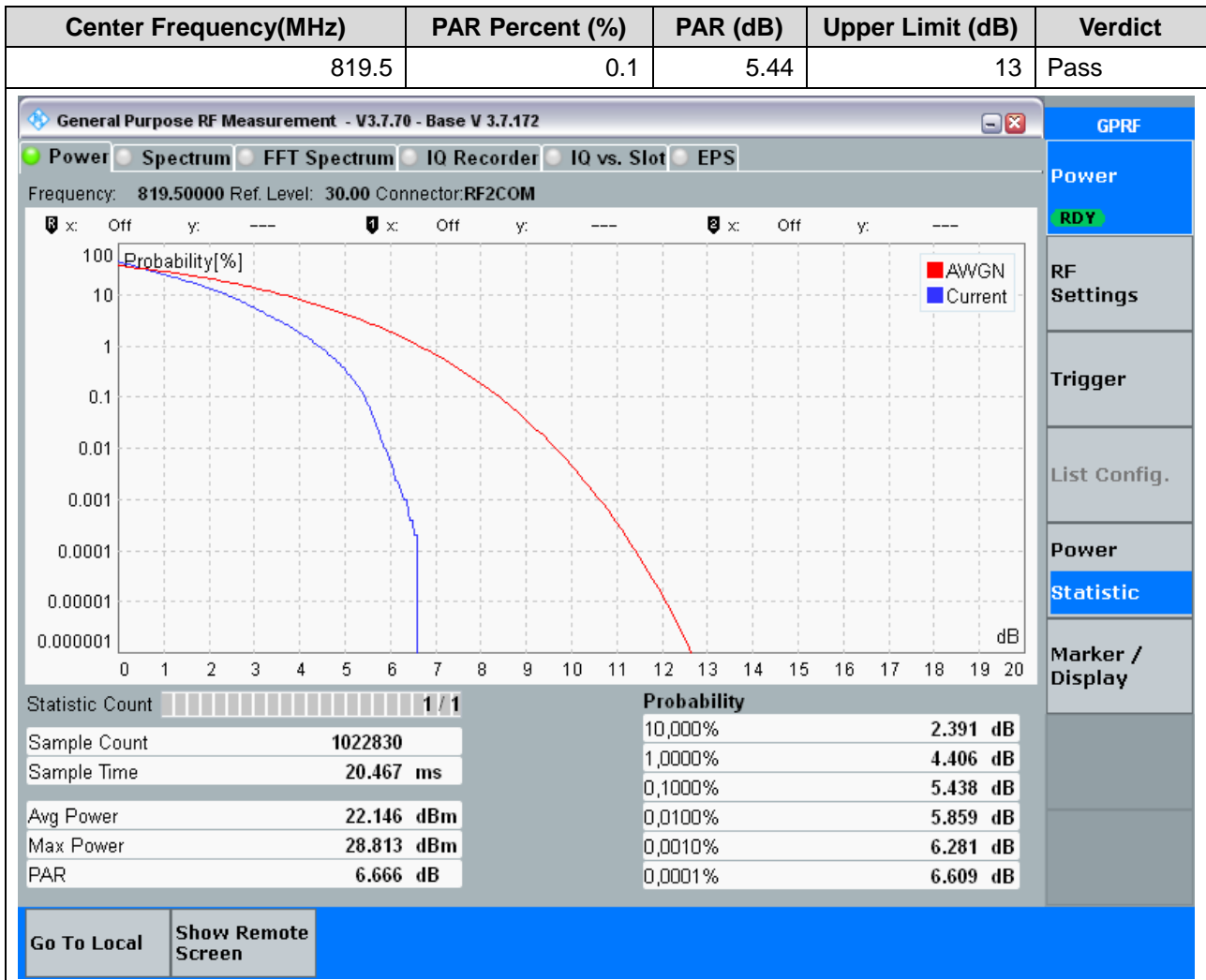
### 13.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:23875, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



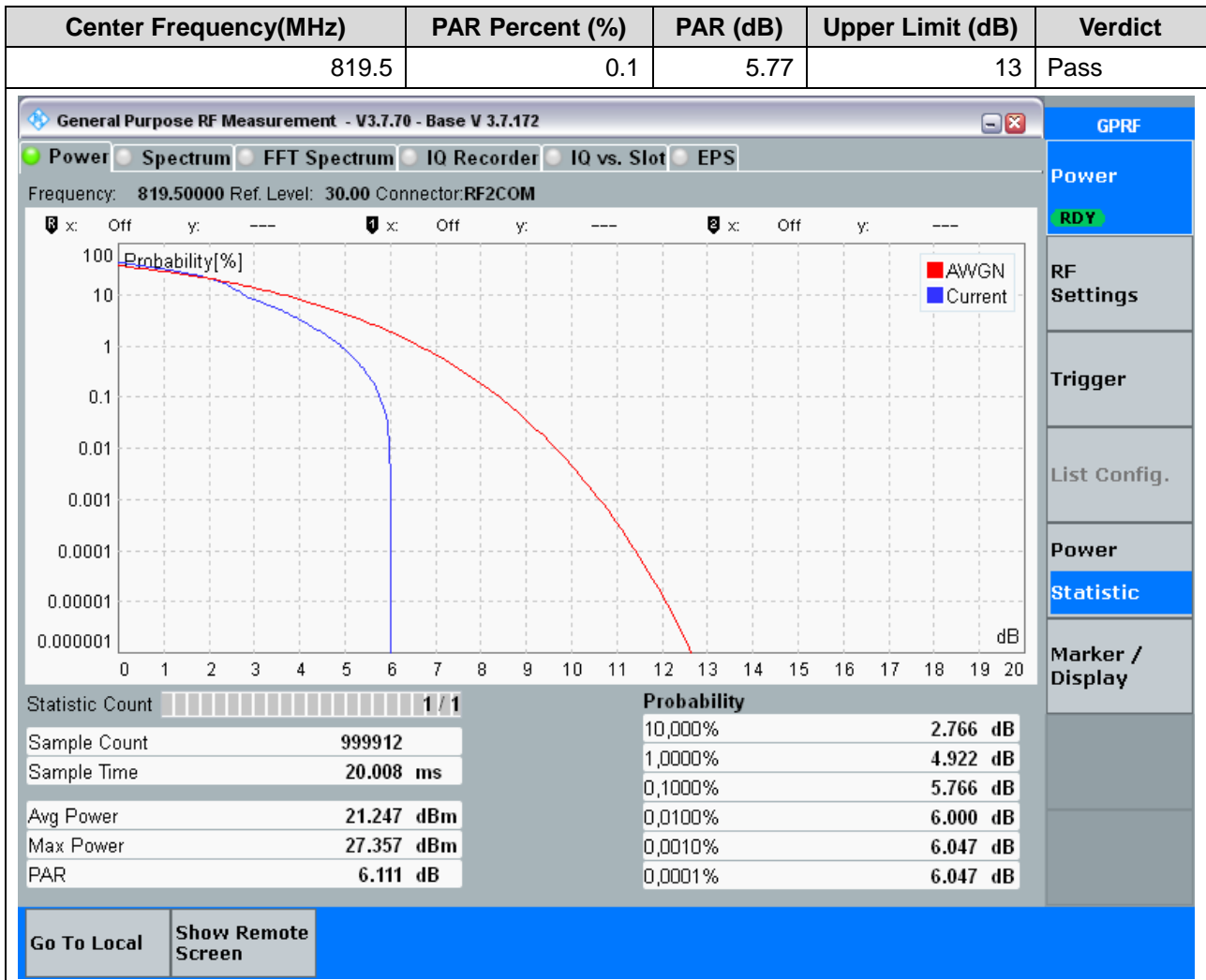
**13.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:23895, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



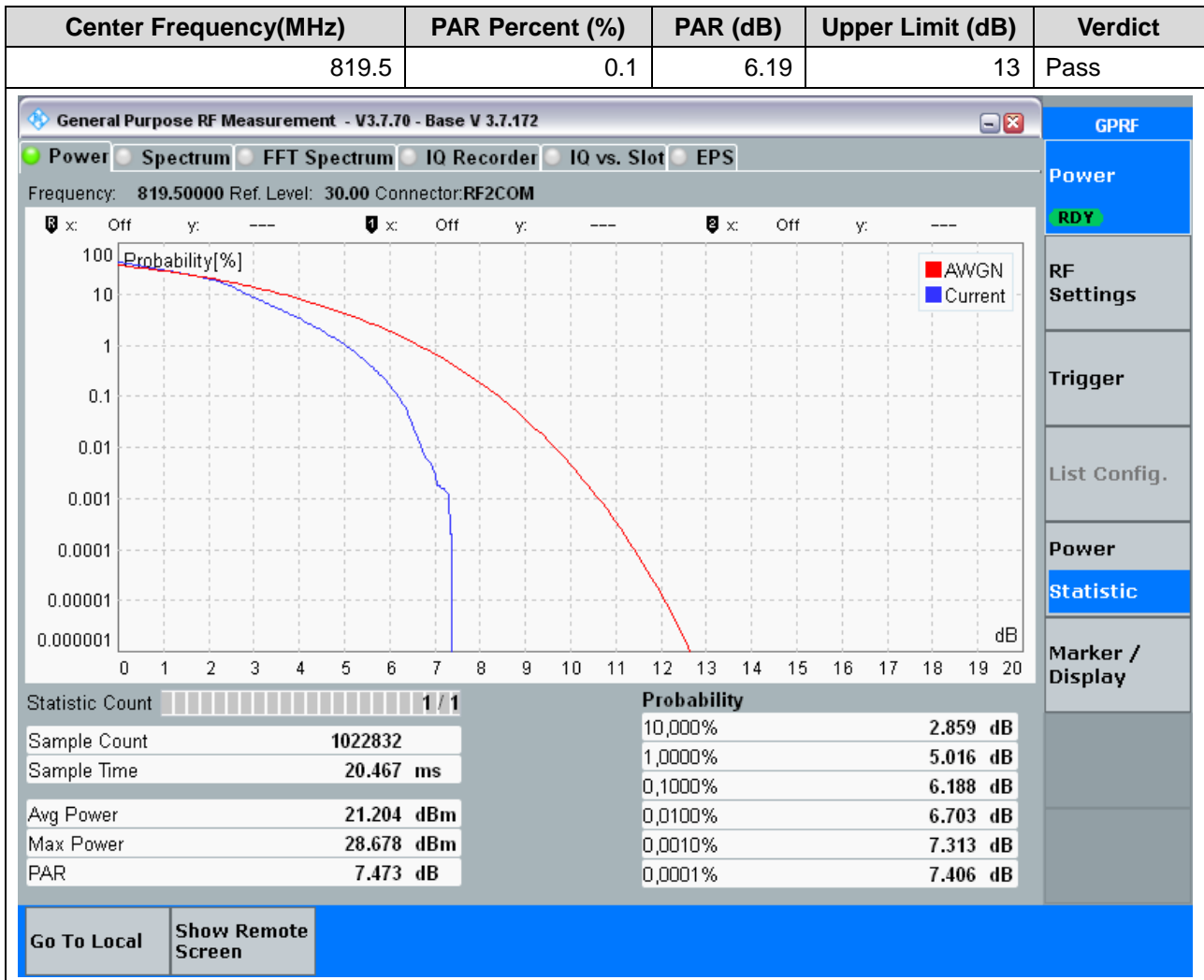
**13.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:23895, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**



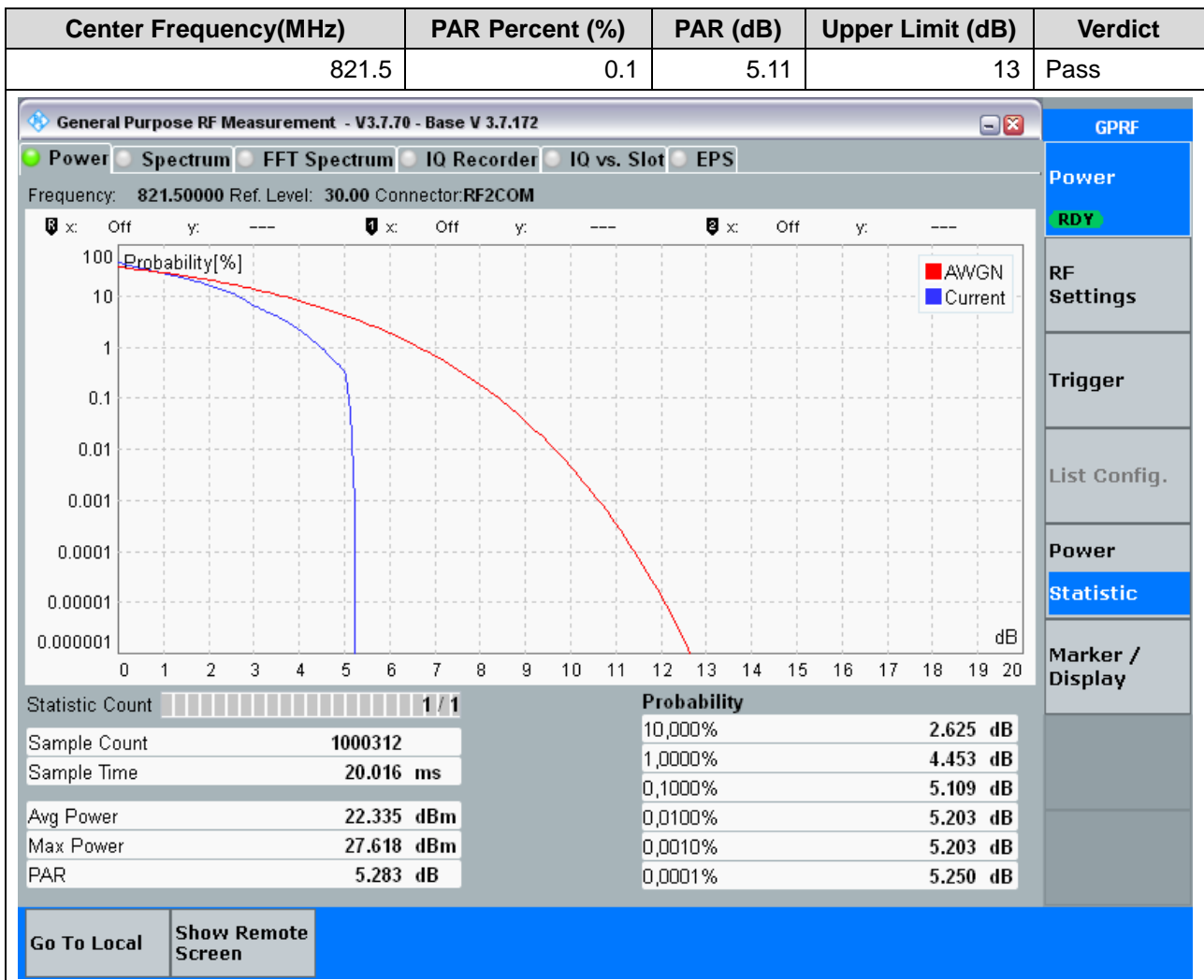
### 13.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:23895, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)



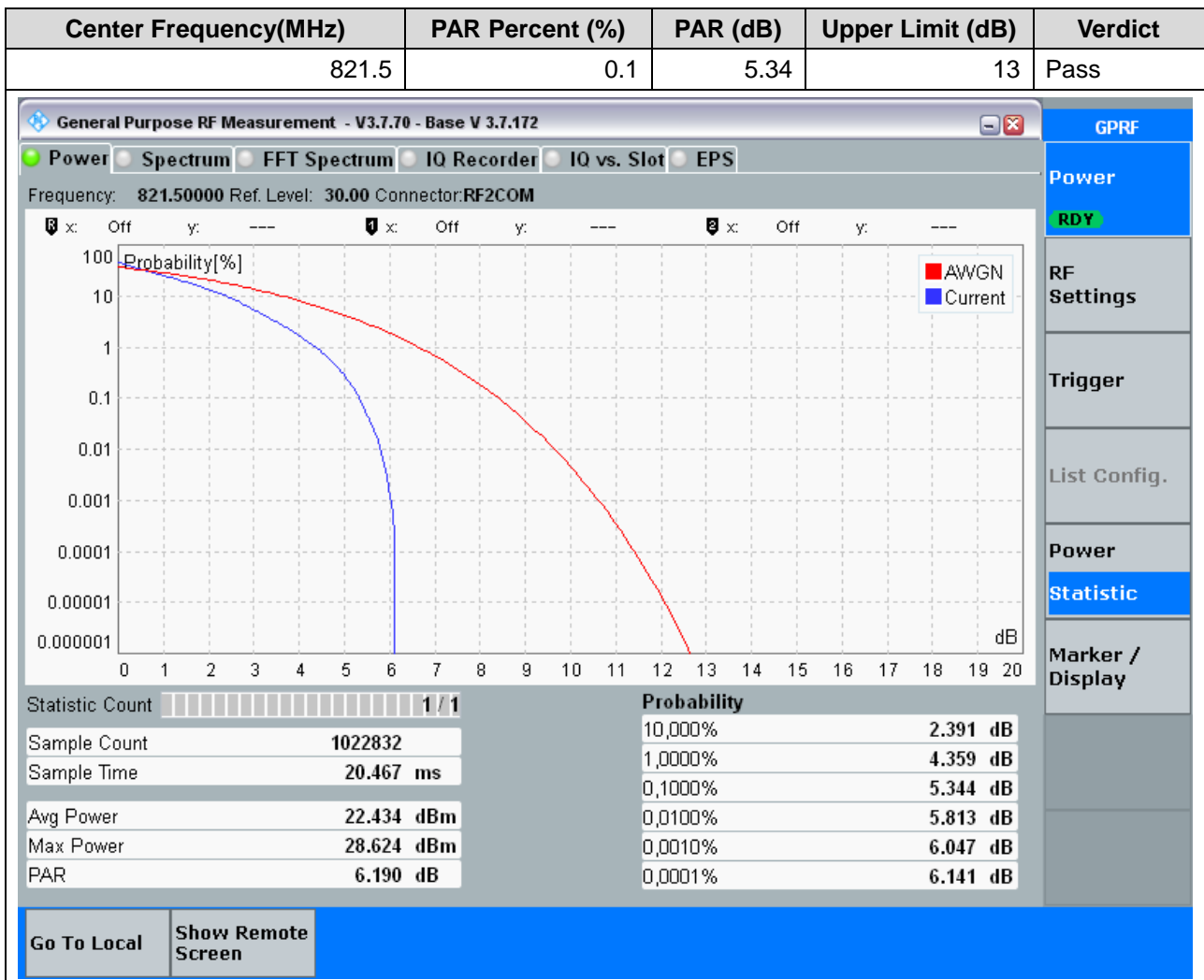
**13.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:23895, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



**13.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:23915, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

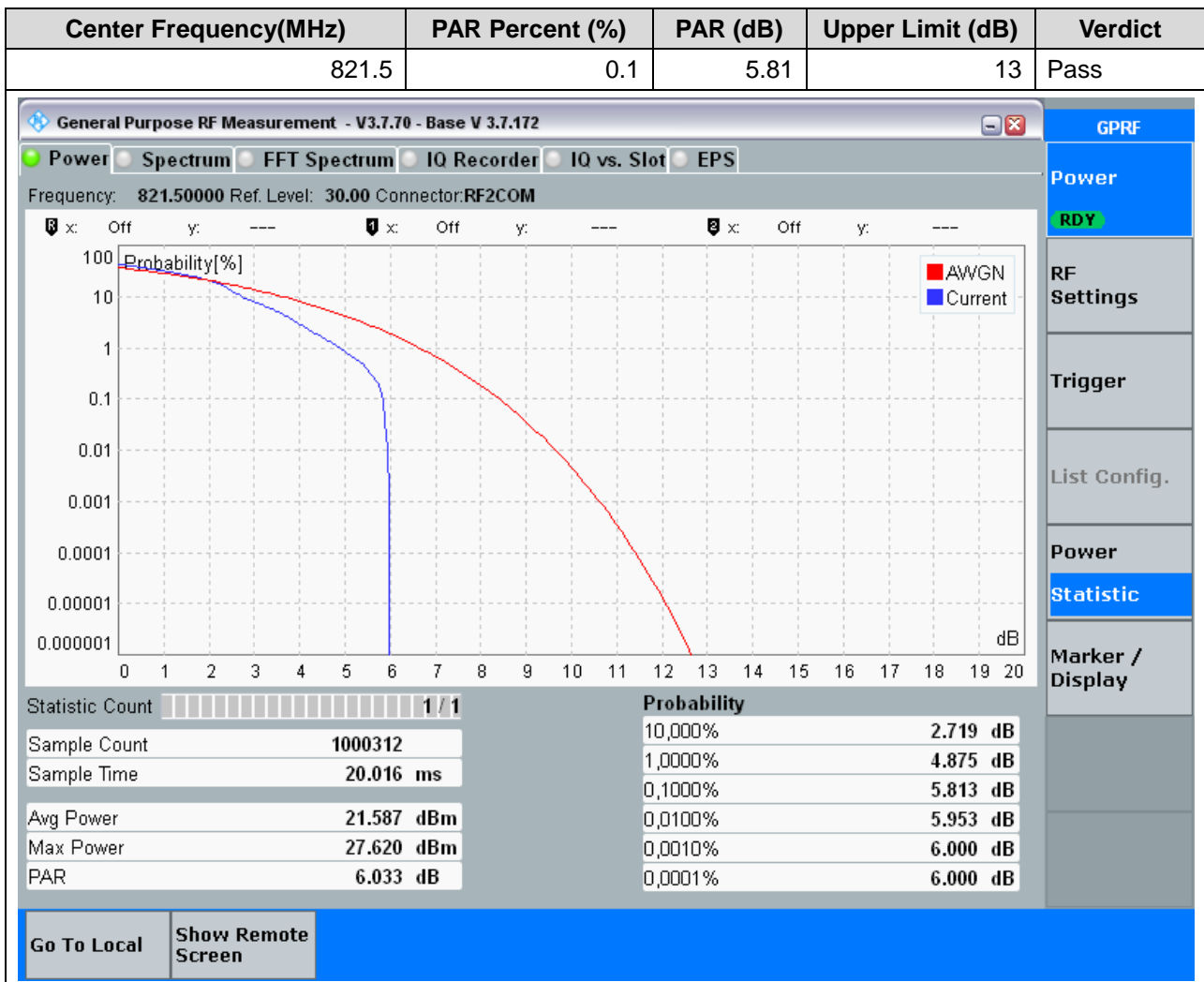


**13.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:23915, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

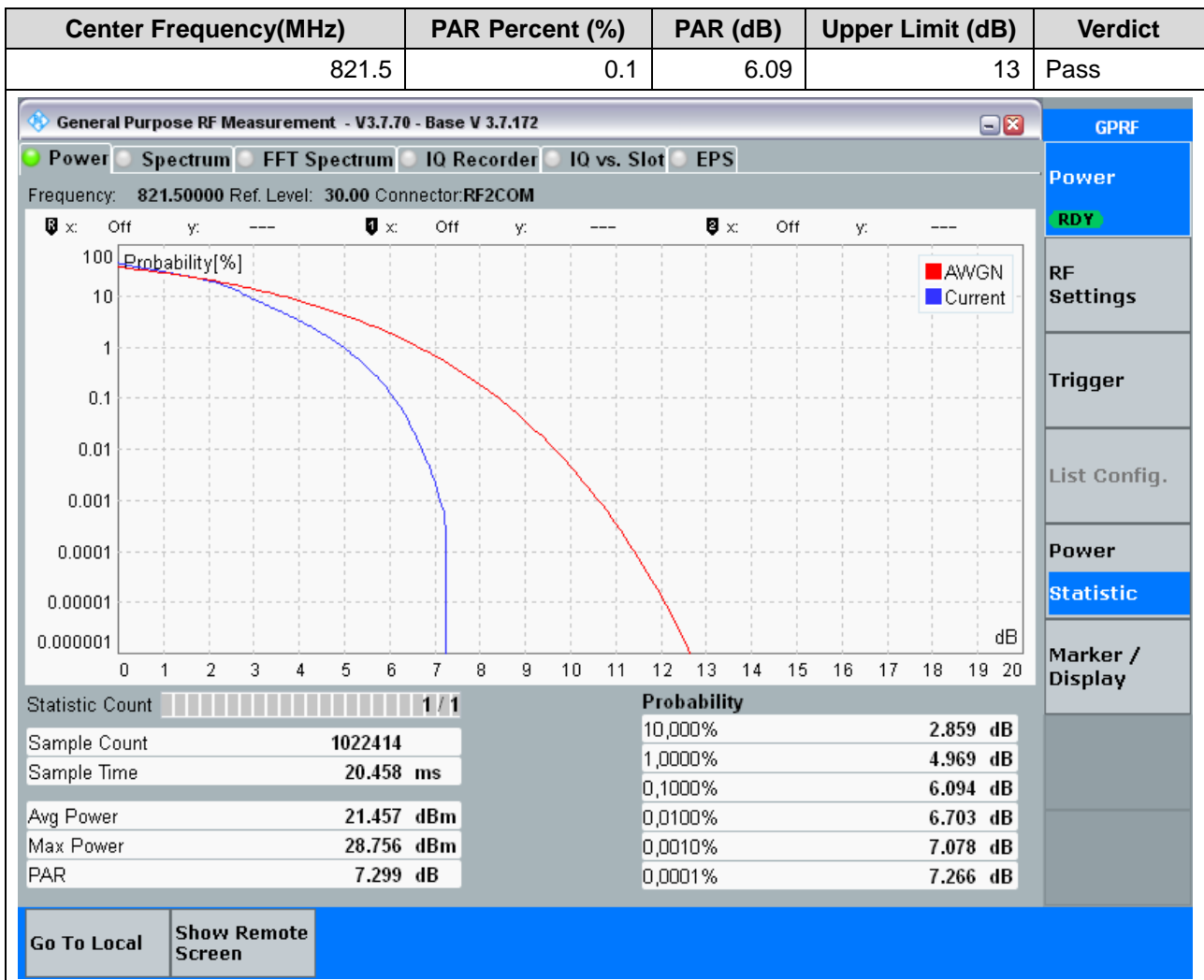




### 13.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:23915, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

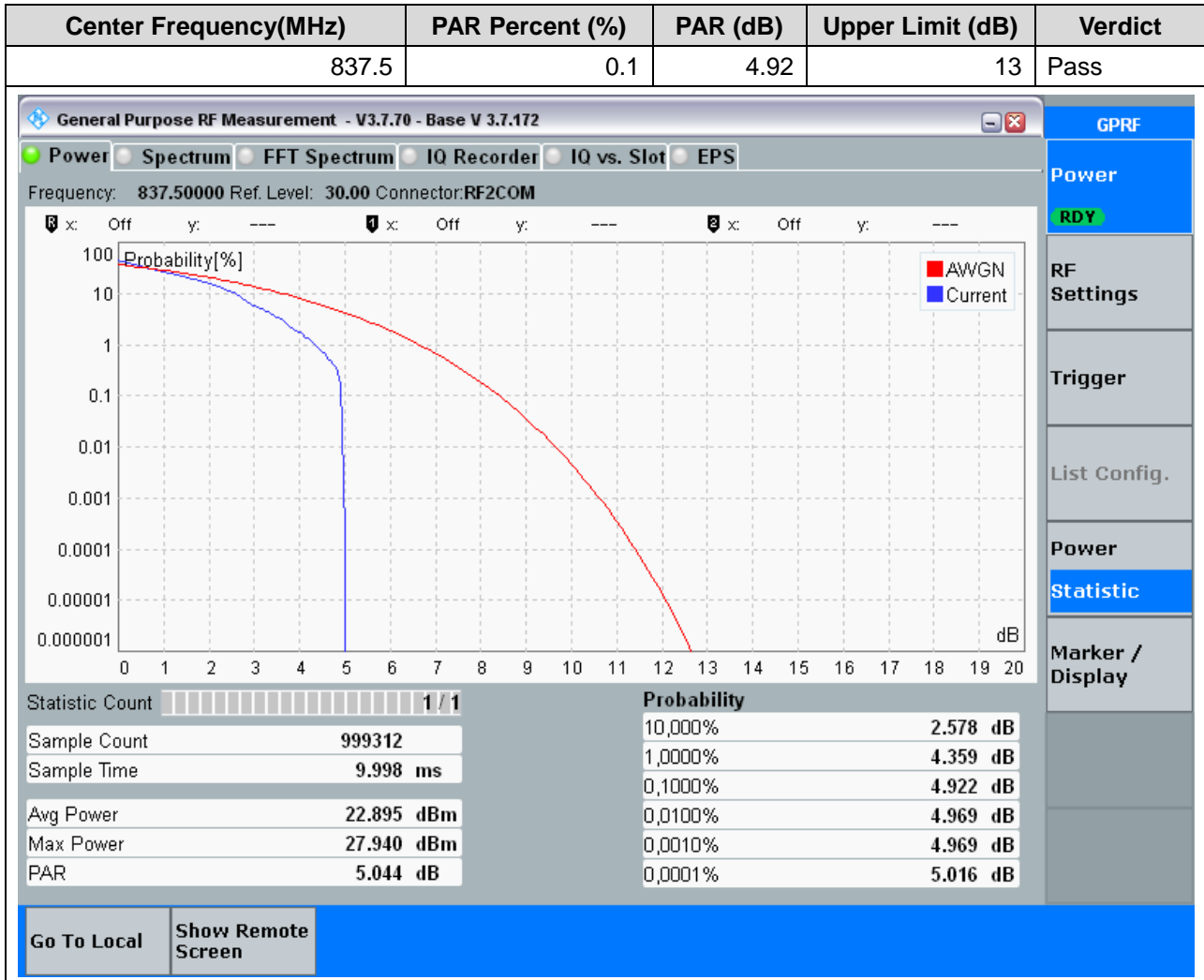


**13.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:23915, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

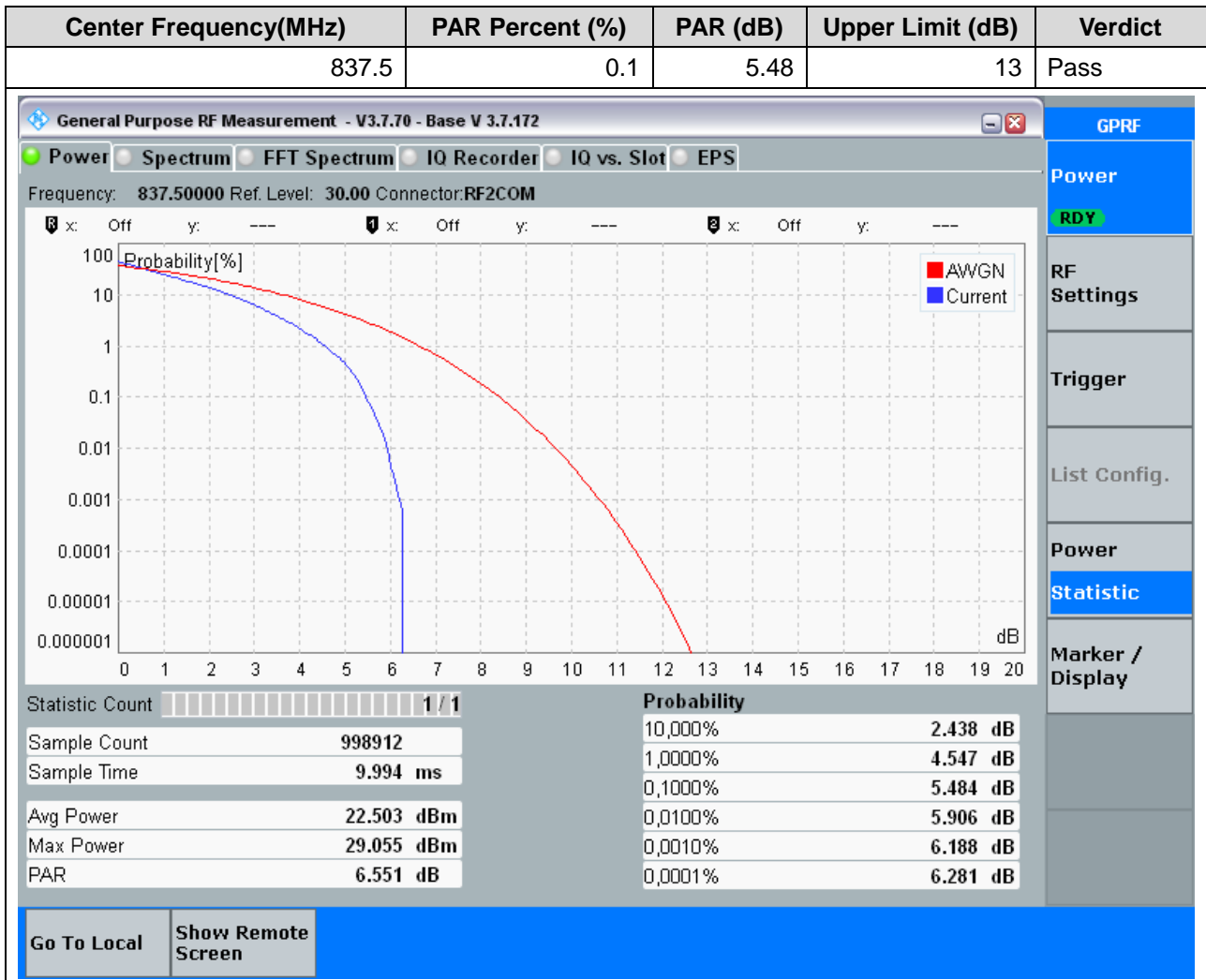


## 14. LTE\_Band19

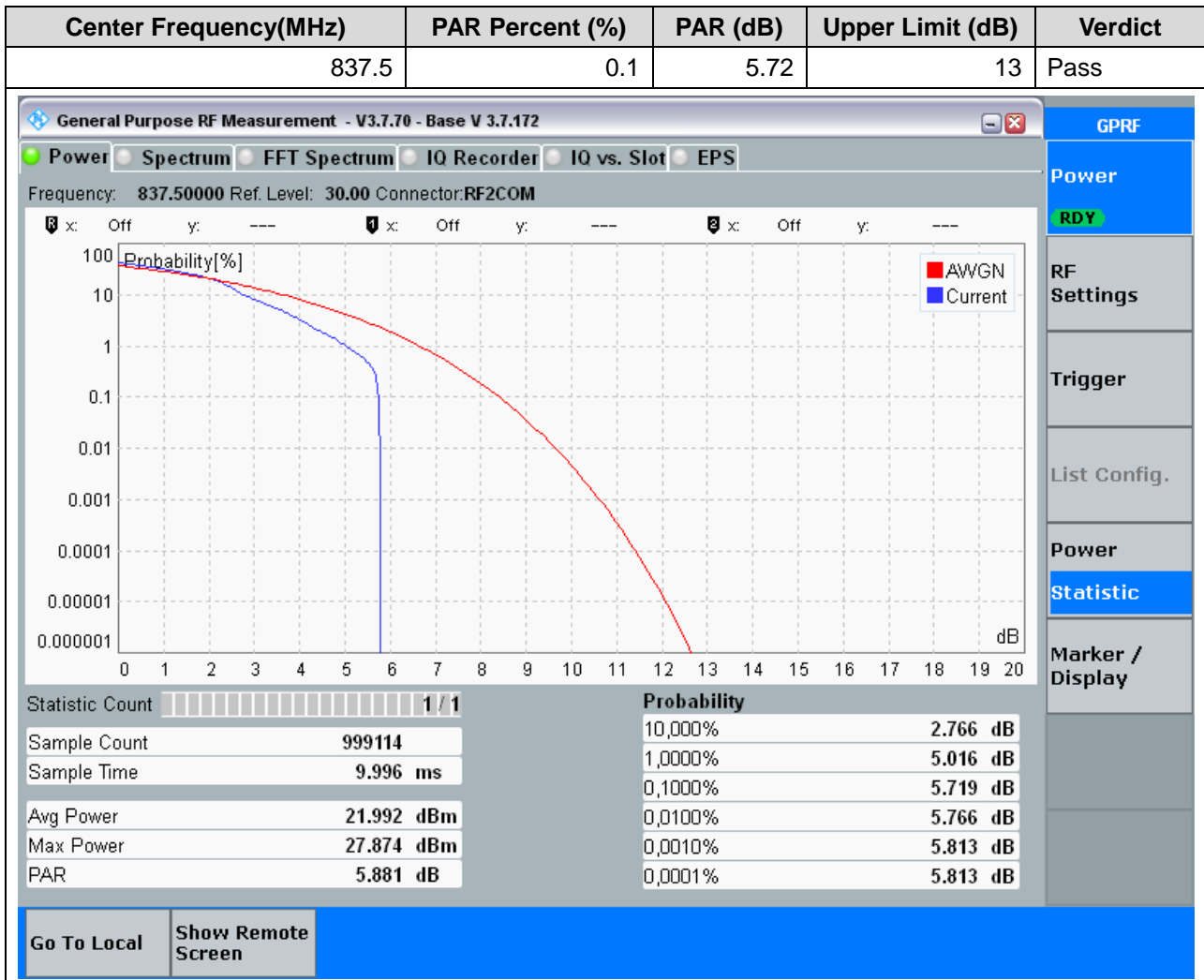
### 14.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:24075, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



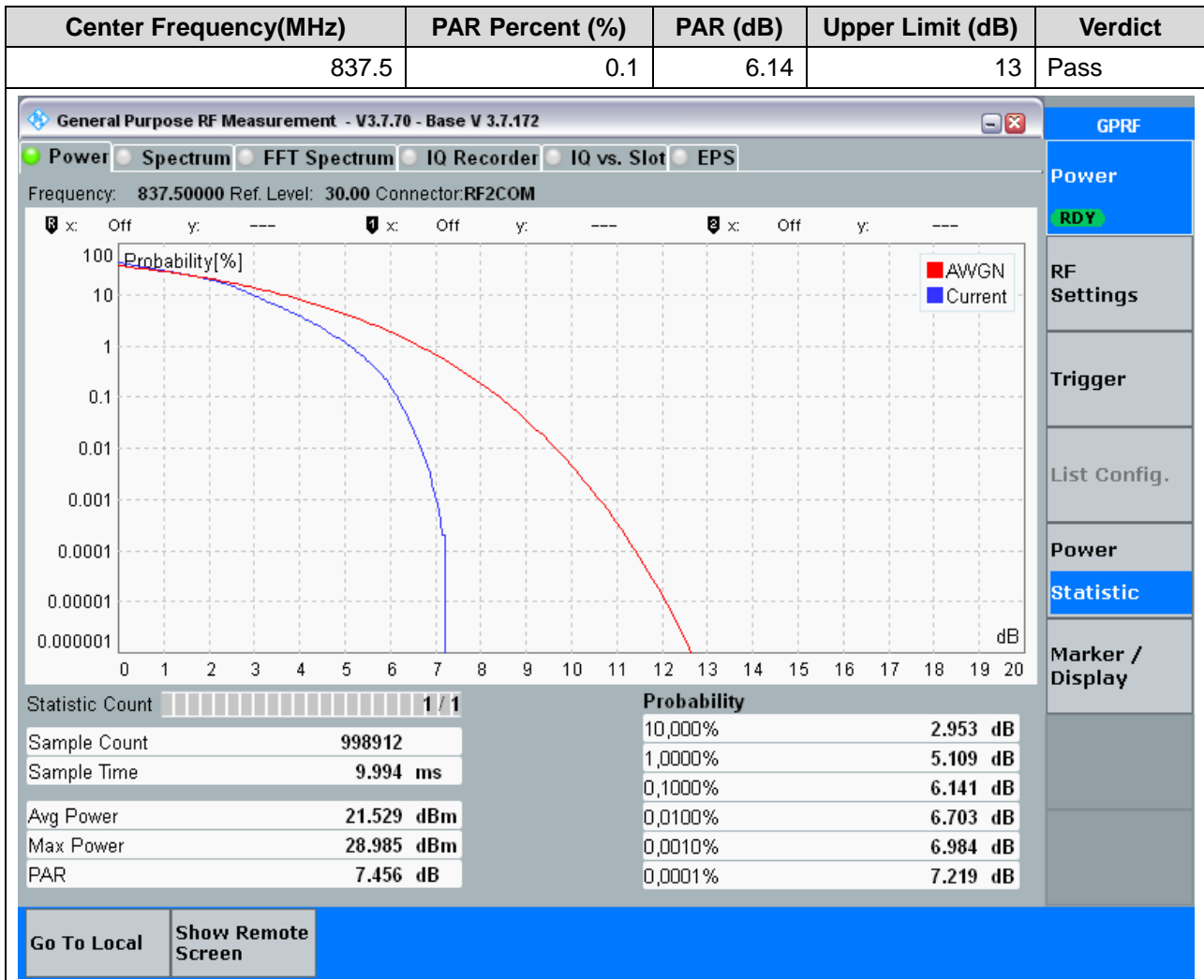
**14.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:24075, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**



### 14.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:24075, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

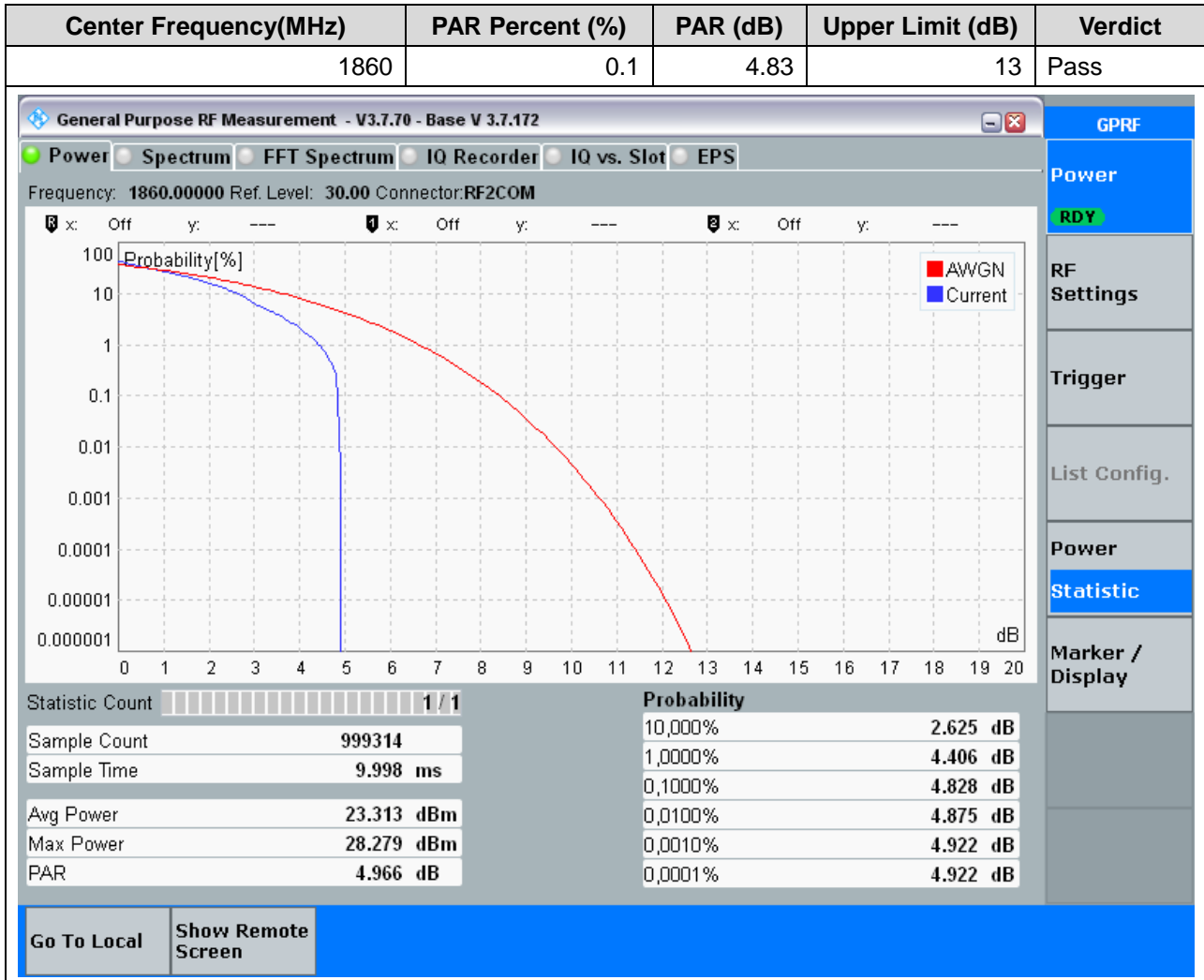


### 14.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:24075, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

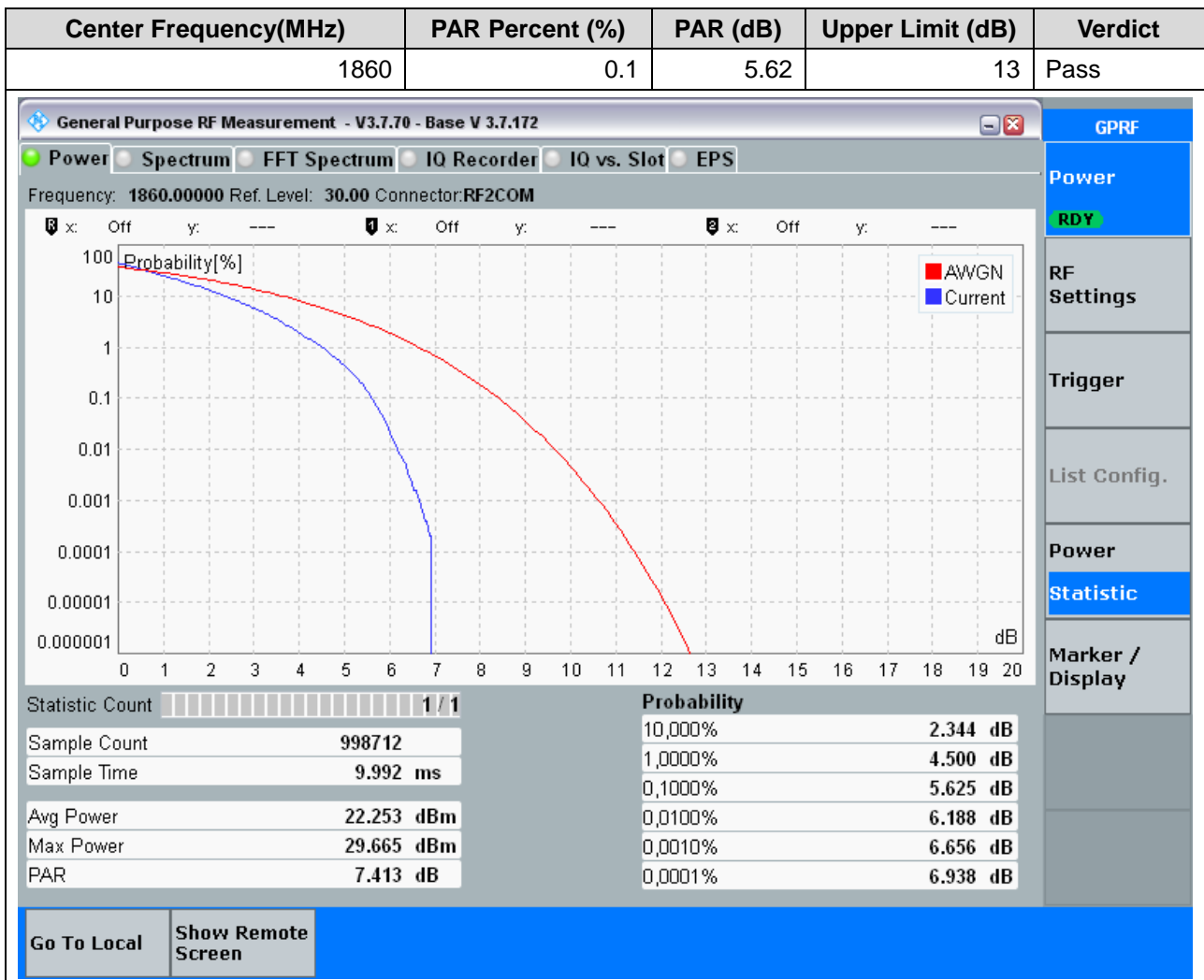


## 15. LTE\_Band25

### 15.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:26140, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

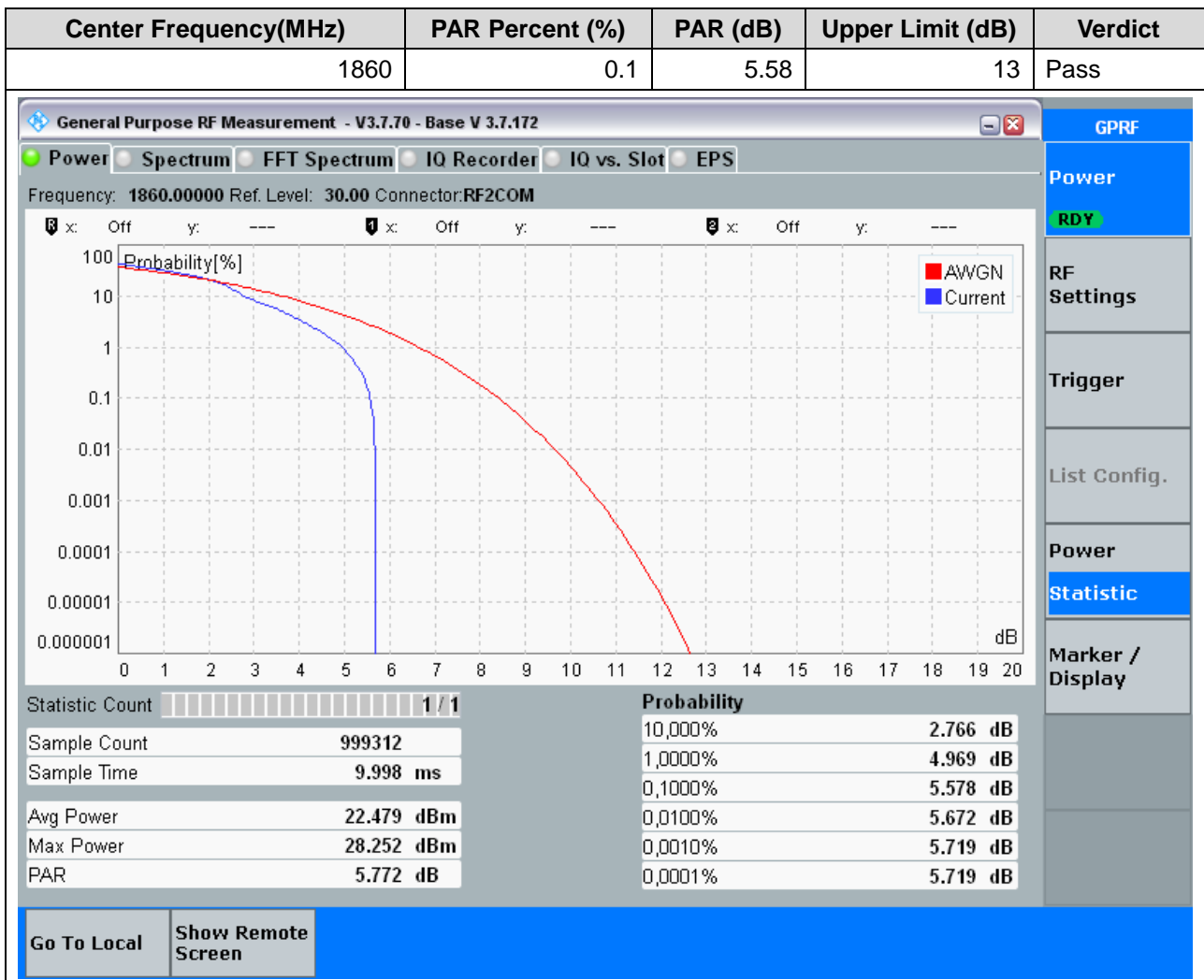


**15.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:26140, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

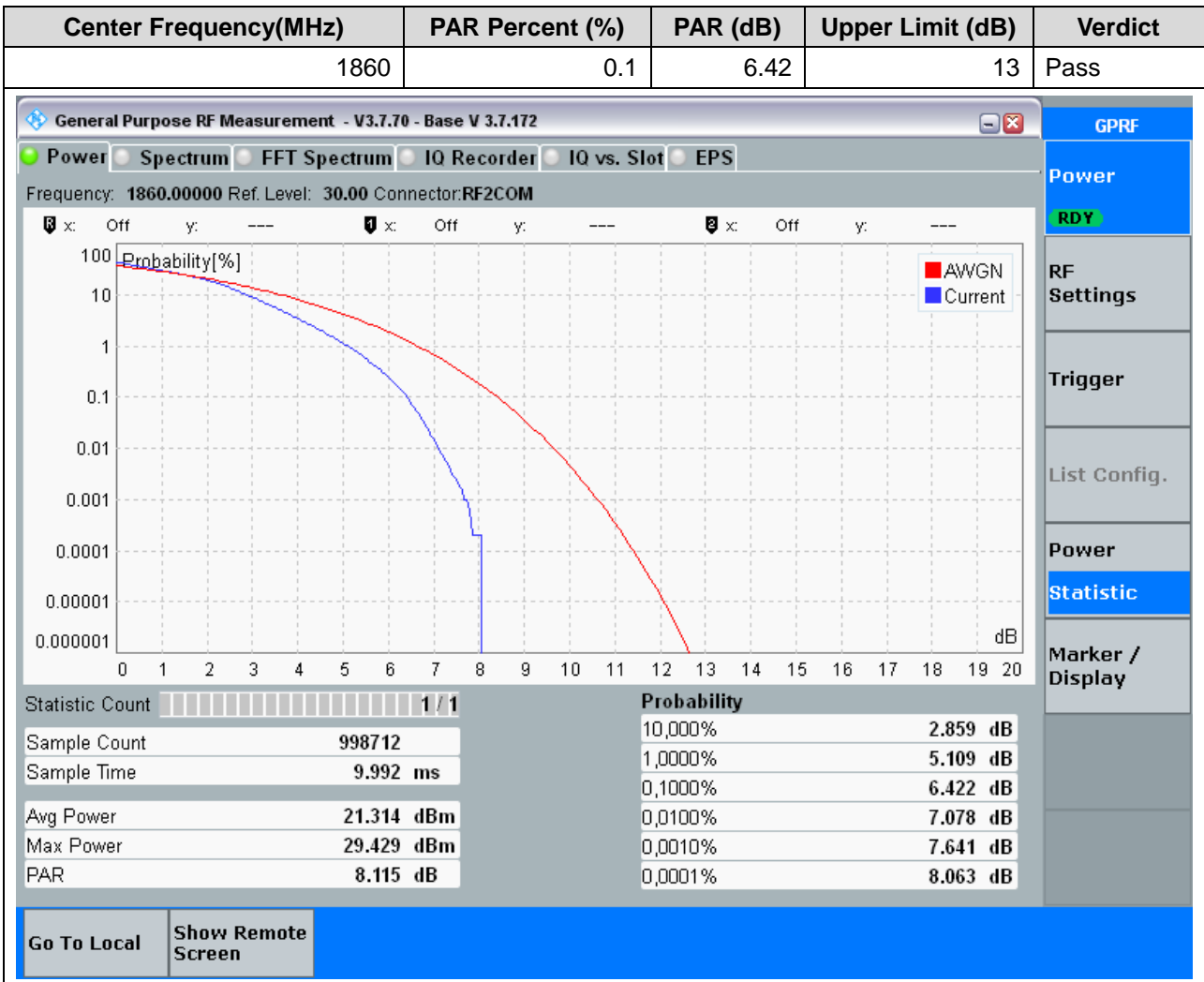




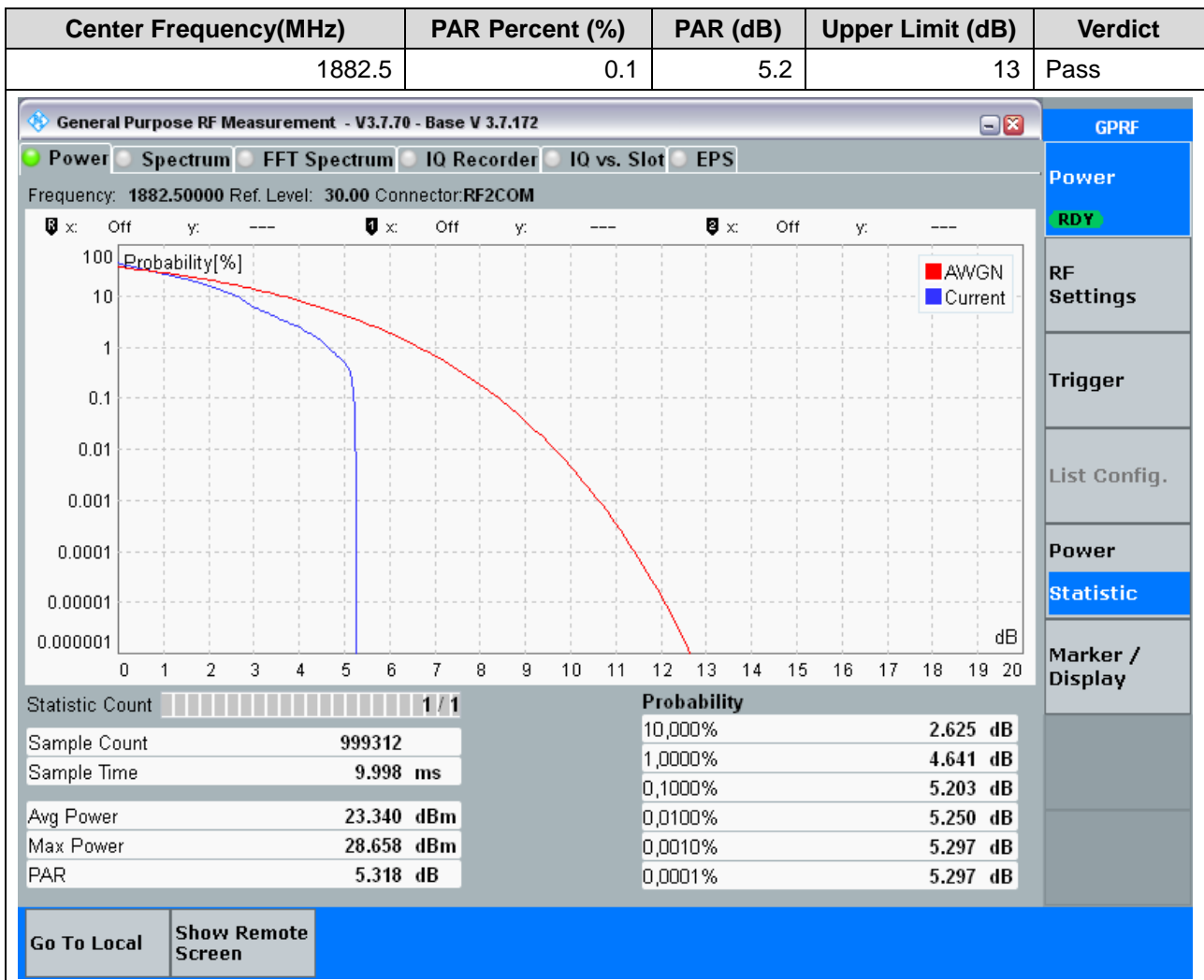
### 15.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:26140, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



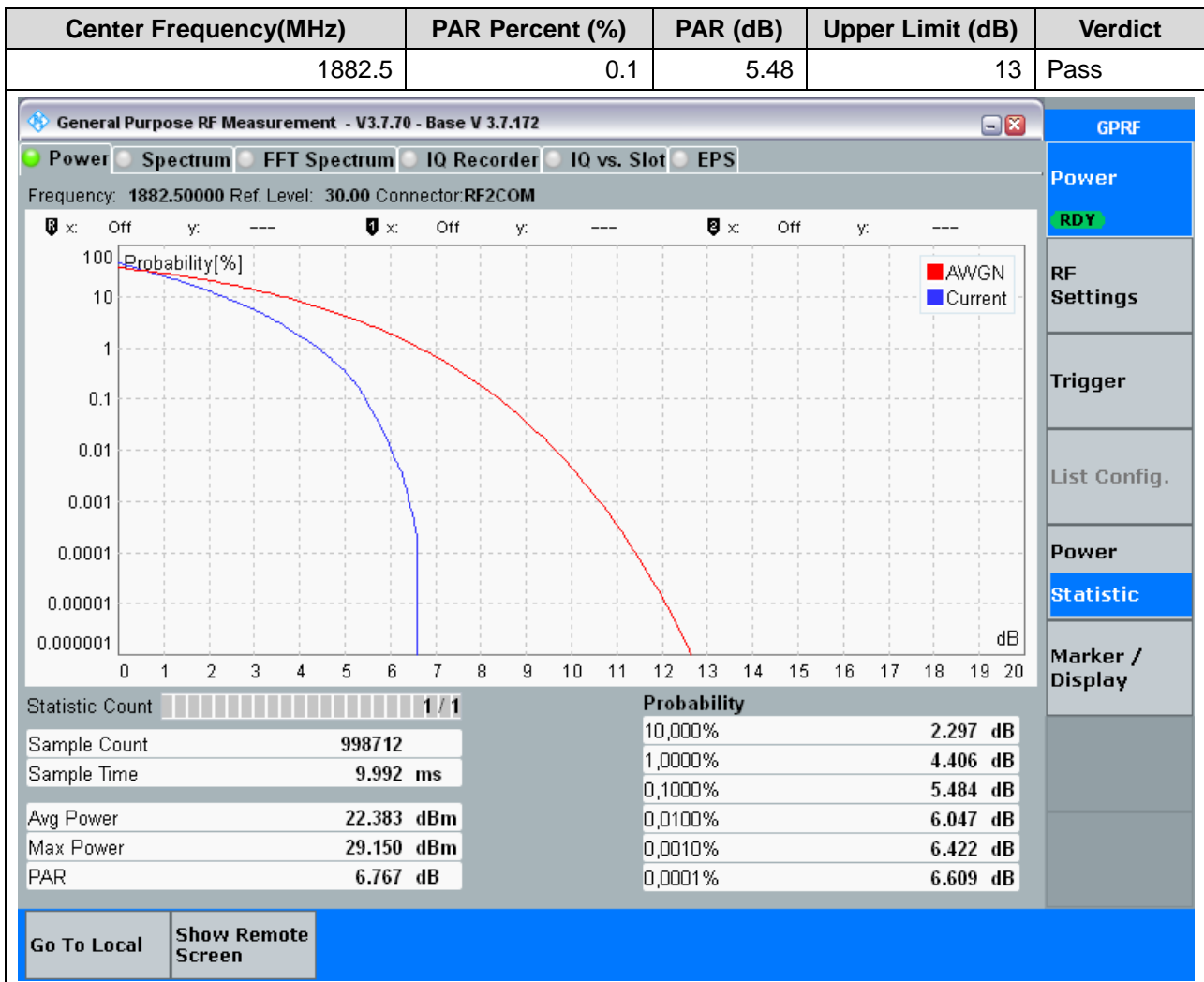
**15.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:26140, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



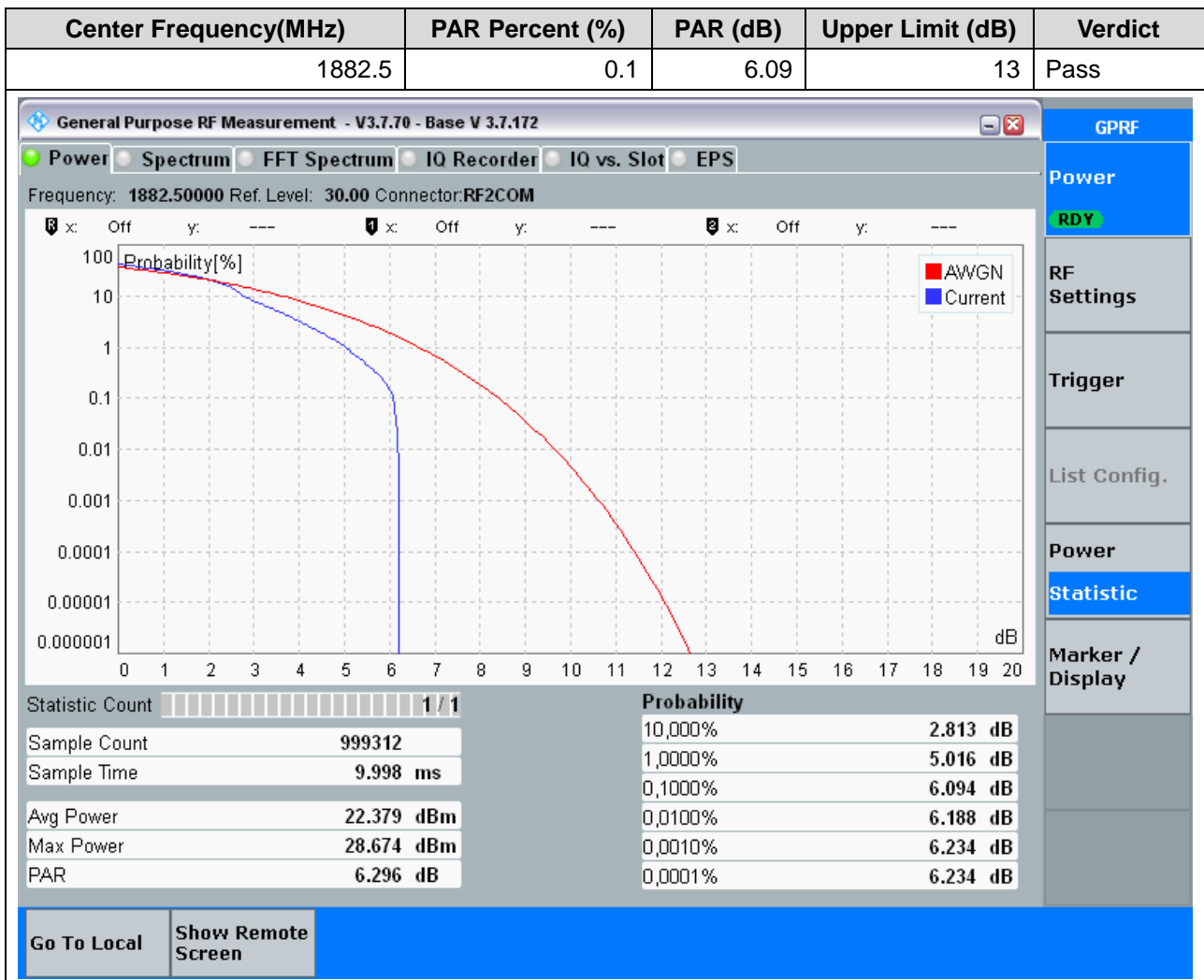
**15.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:26365, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



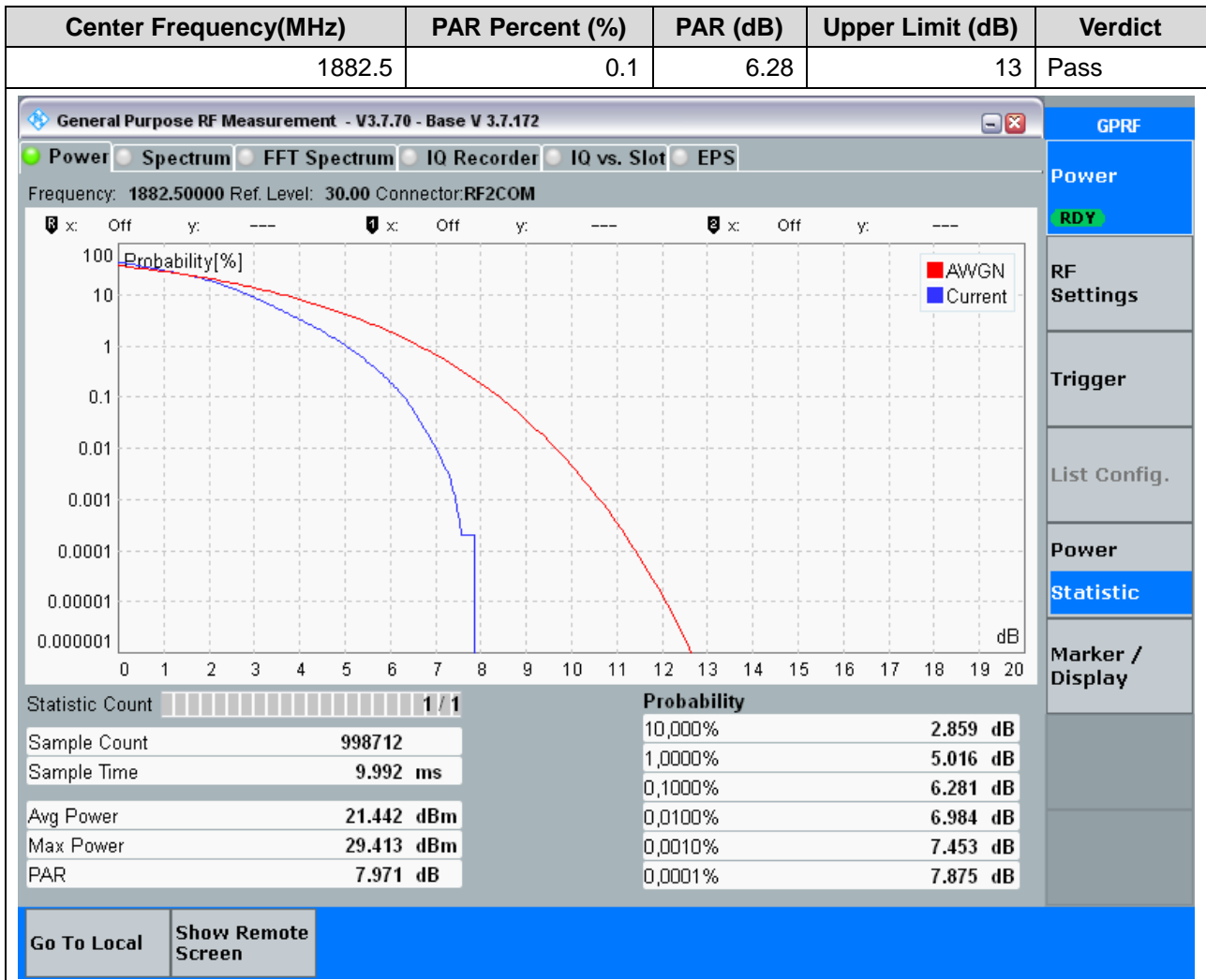
**15.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:26365, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



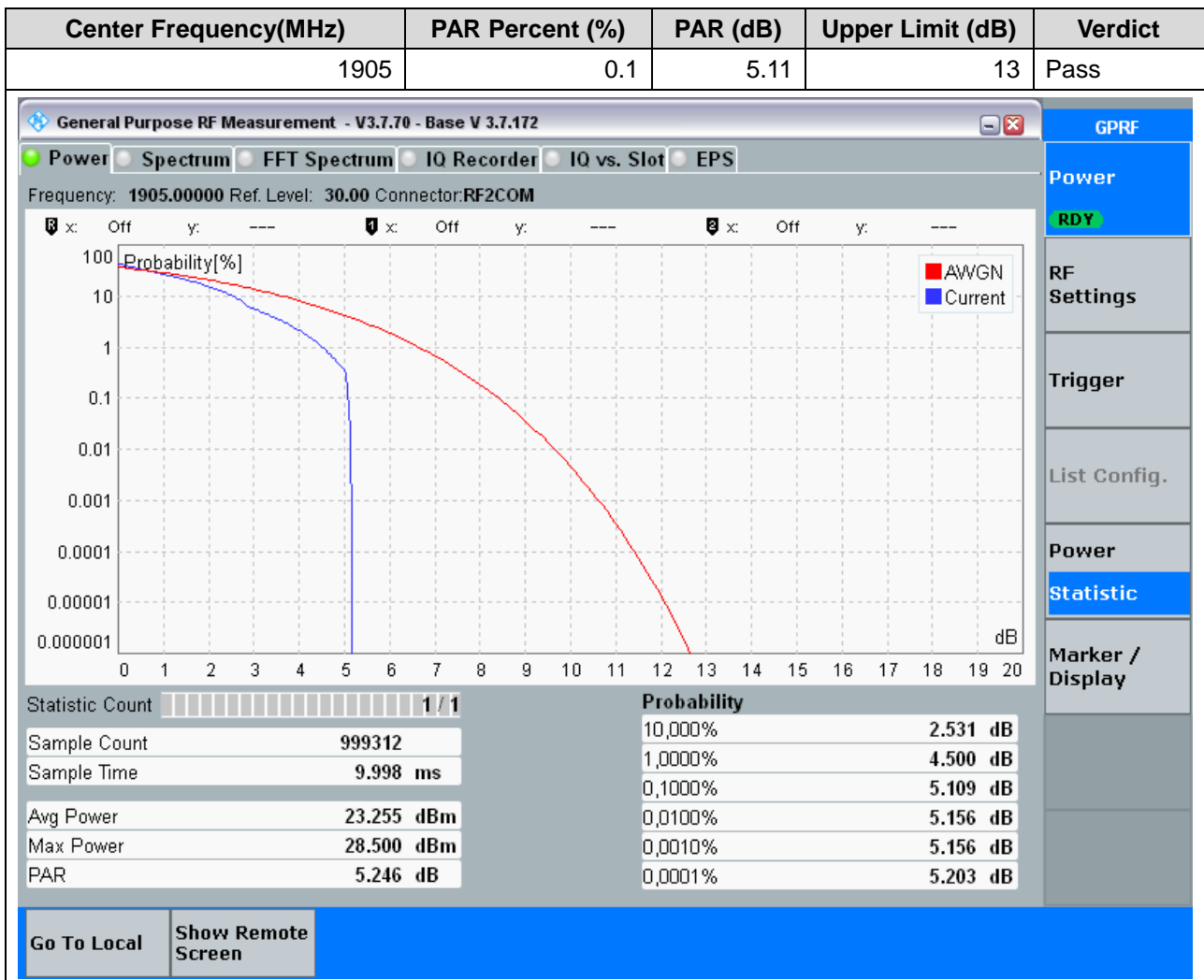
**15.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:26365, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



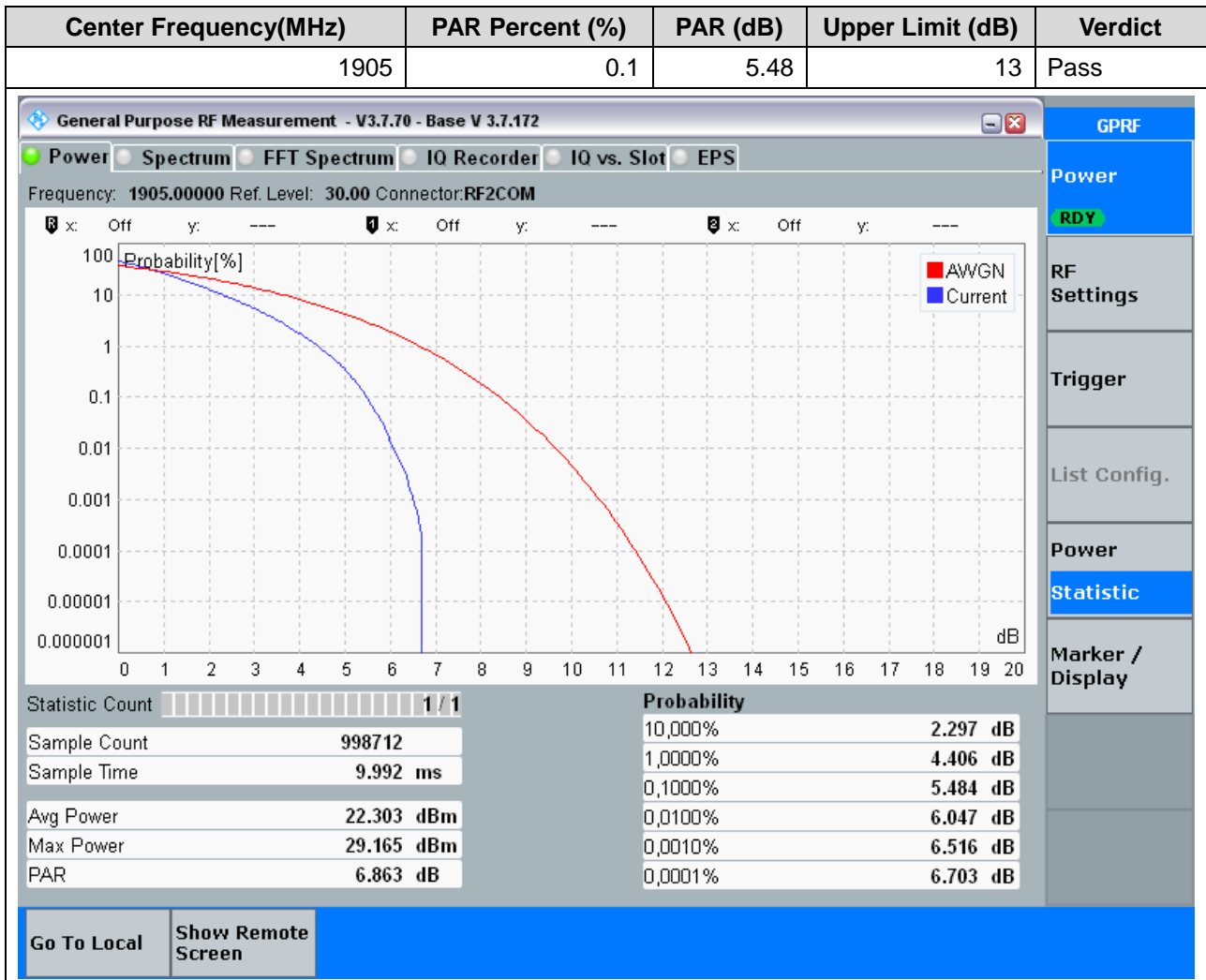
**15.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:26365, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



**15.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:26590, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

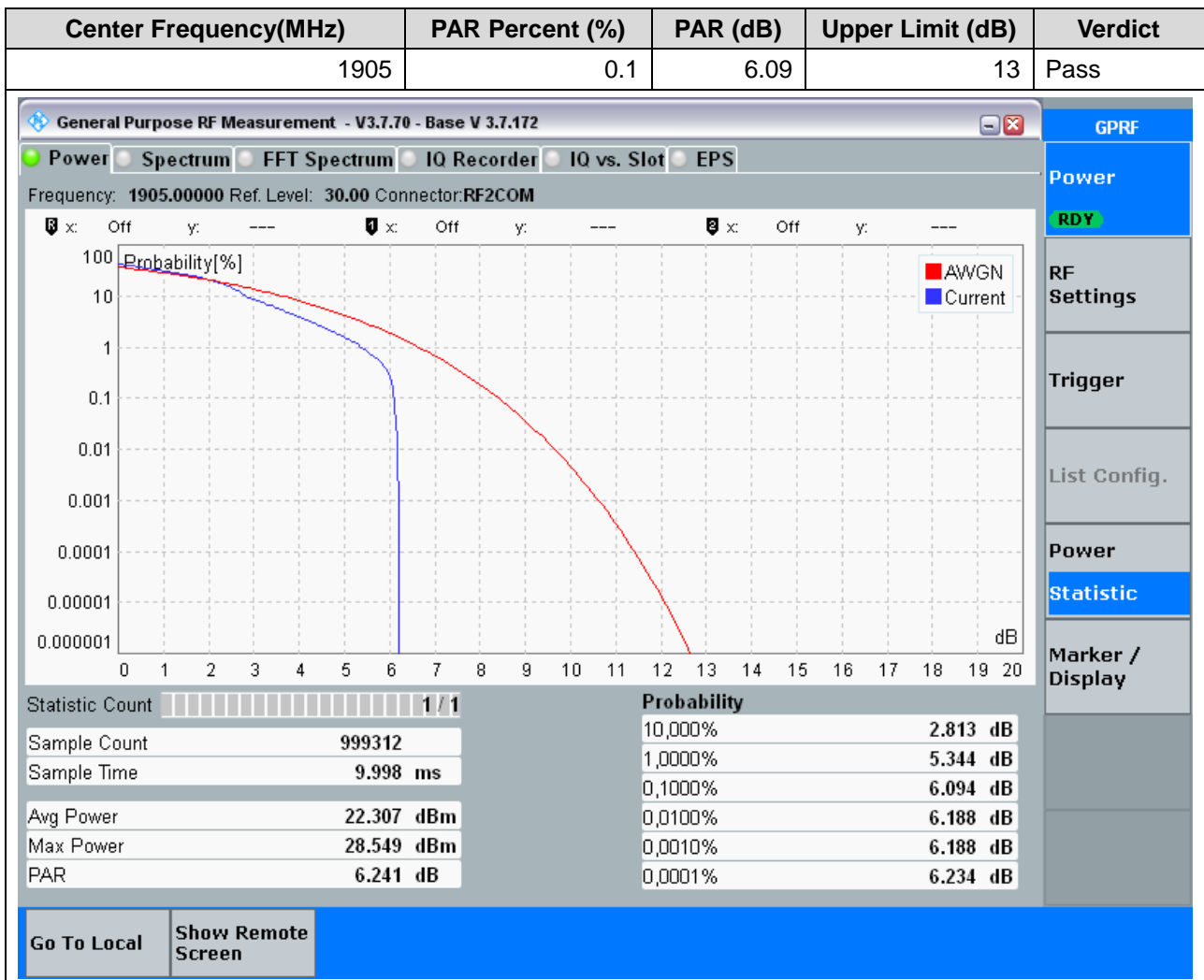


**15.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:26590, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

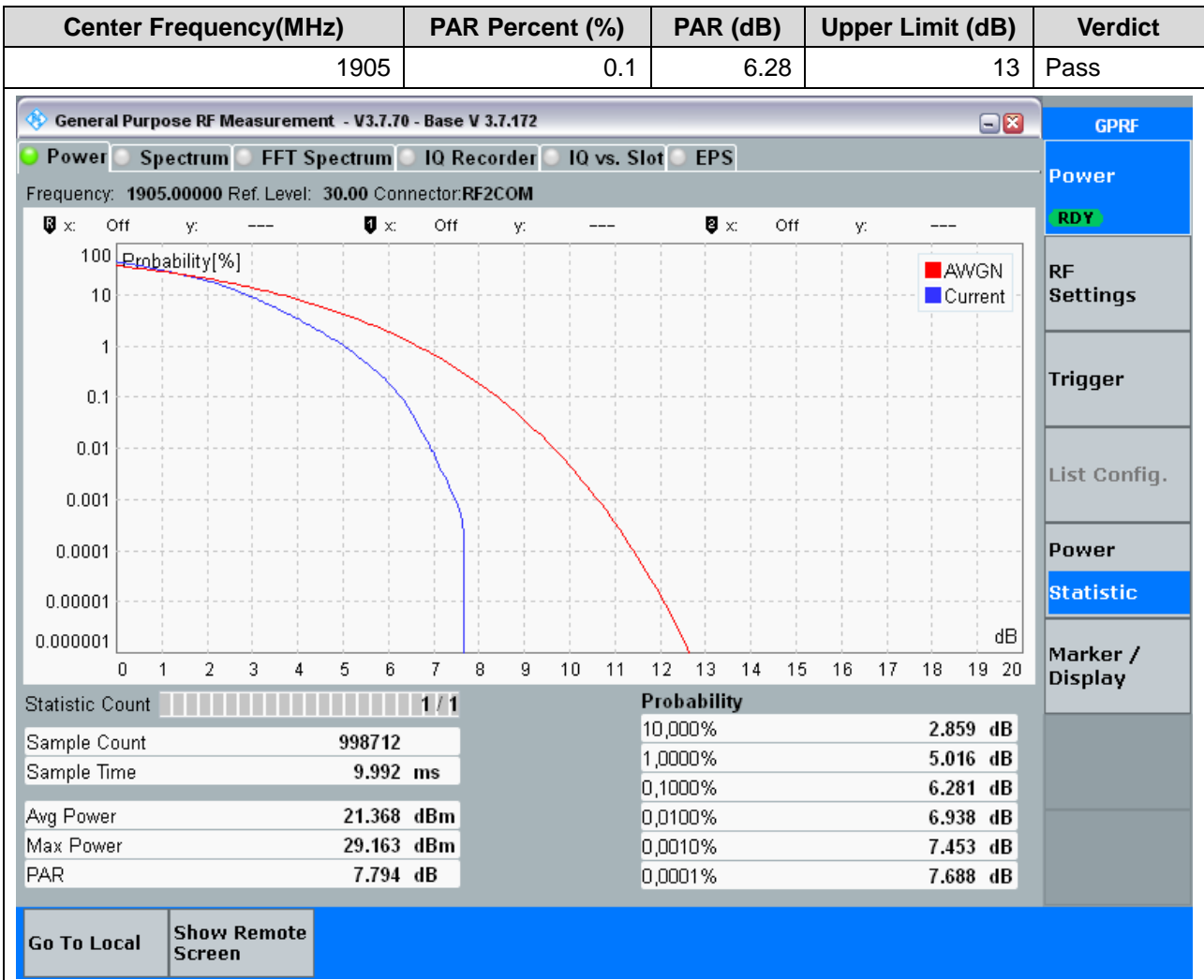




**15.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:26590, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

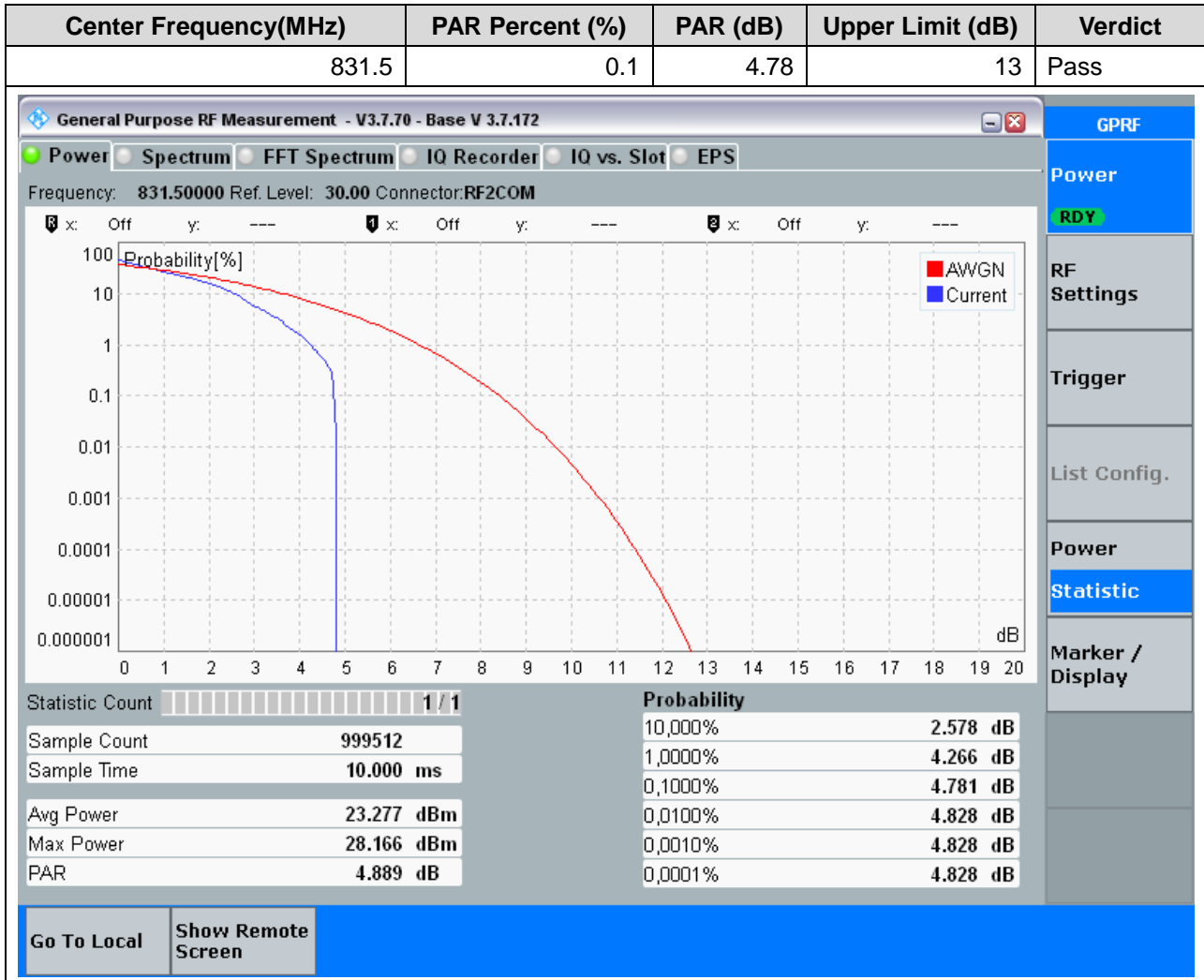


**15.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:26590, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

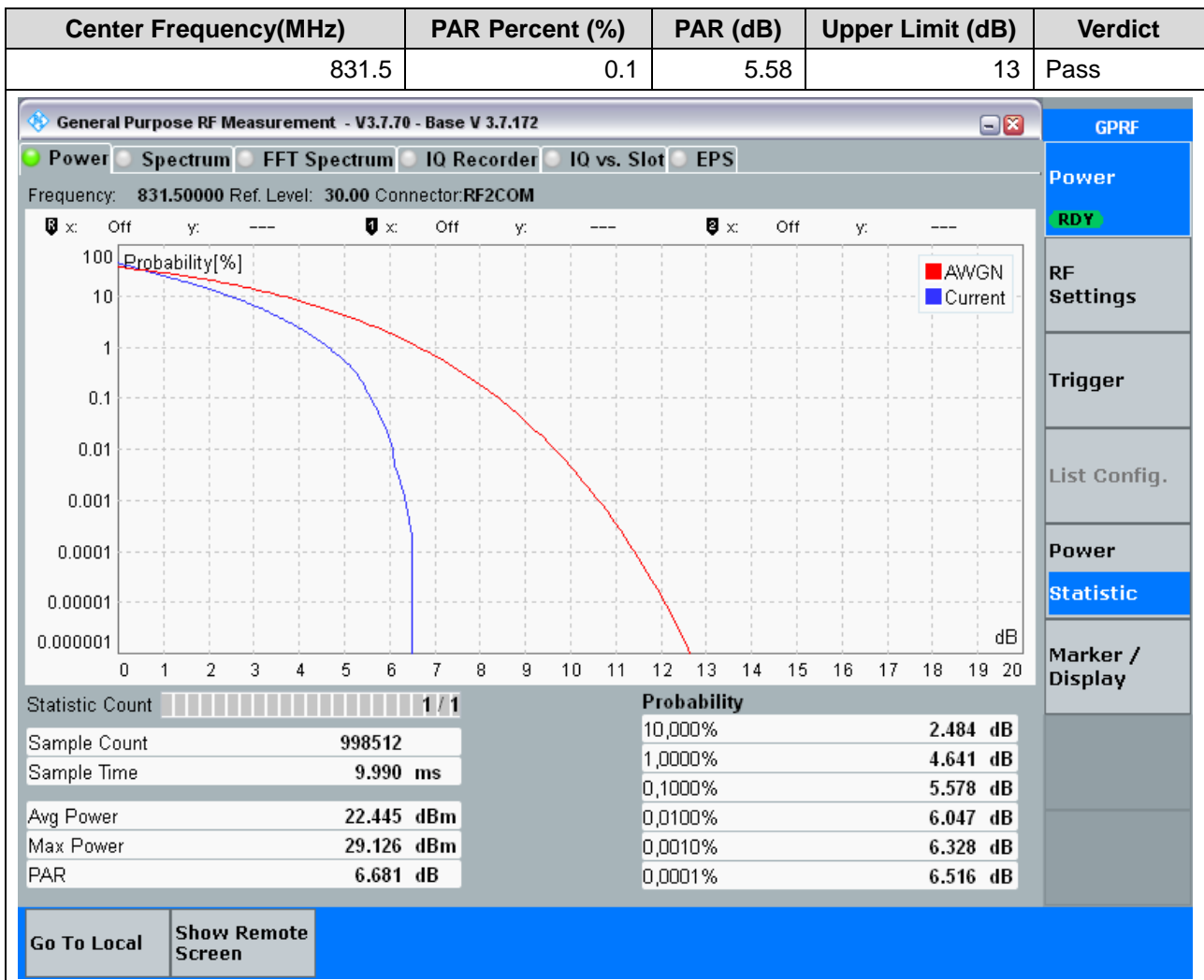


## 16. LTE\_Band26(824-849MHz)

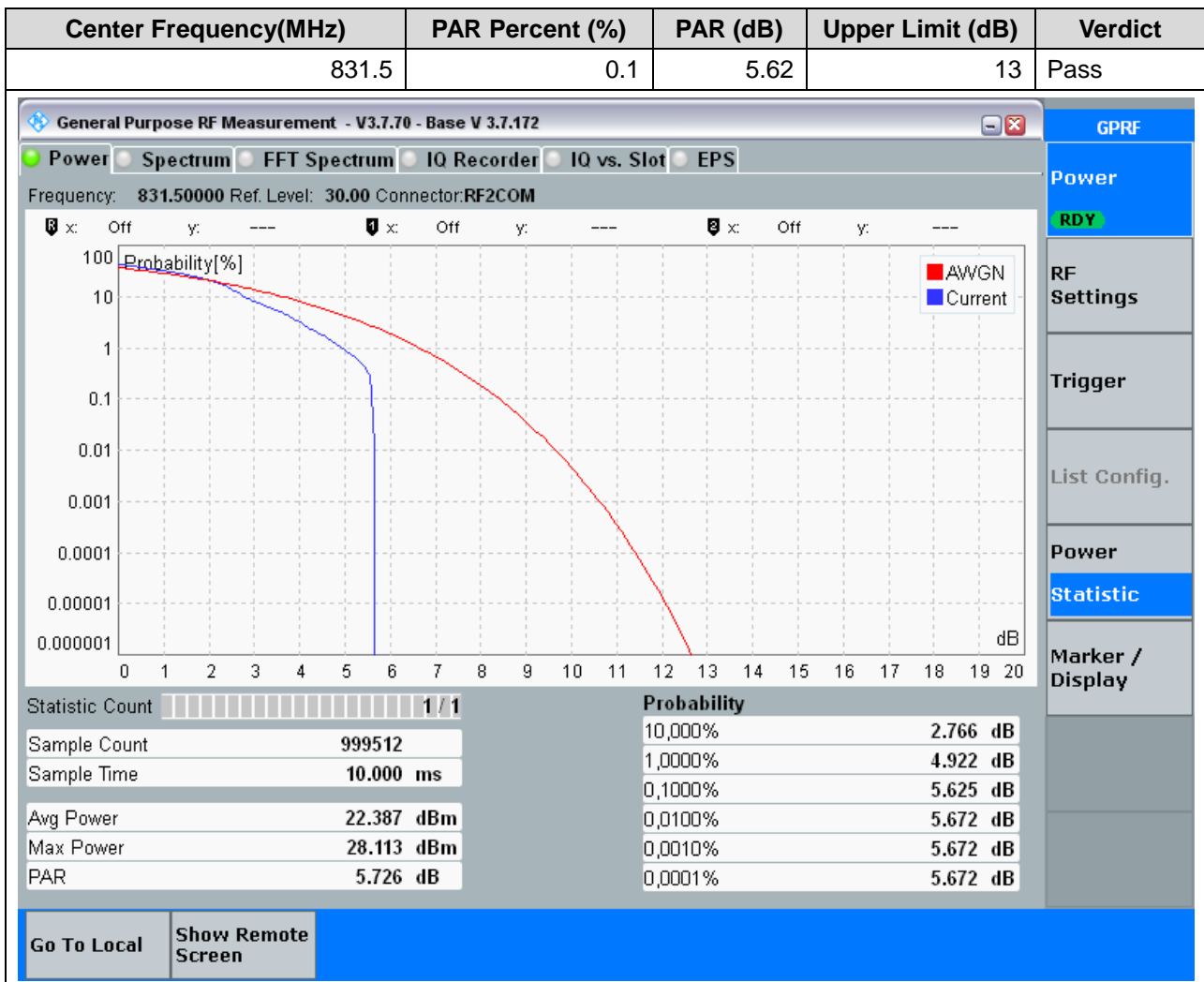
### 16.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)



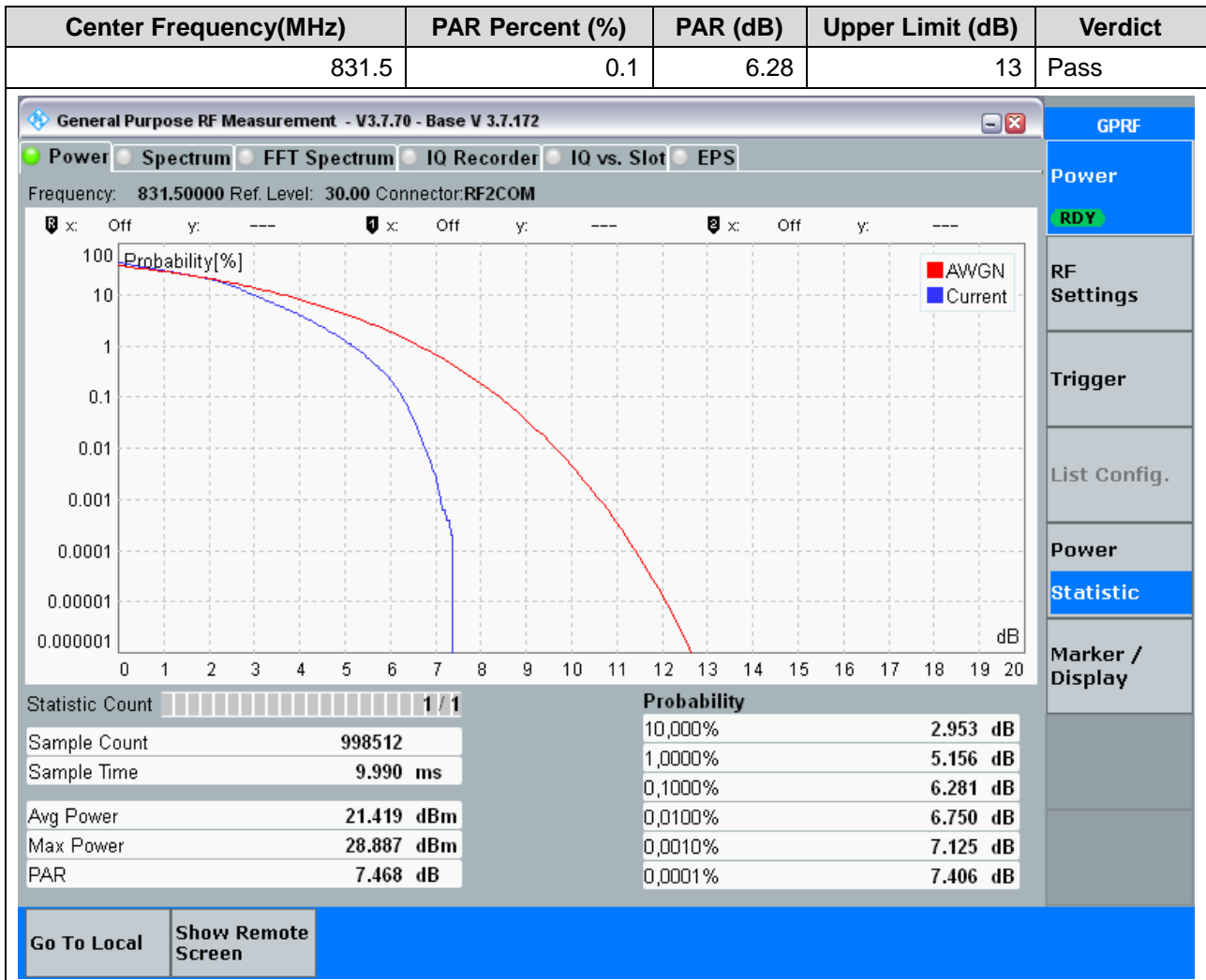
**16.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**



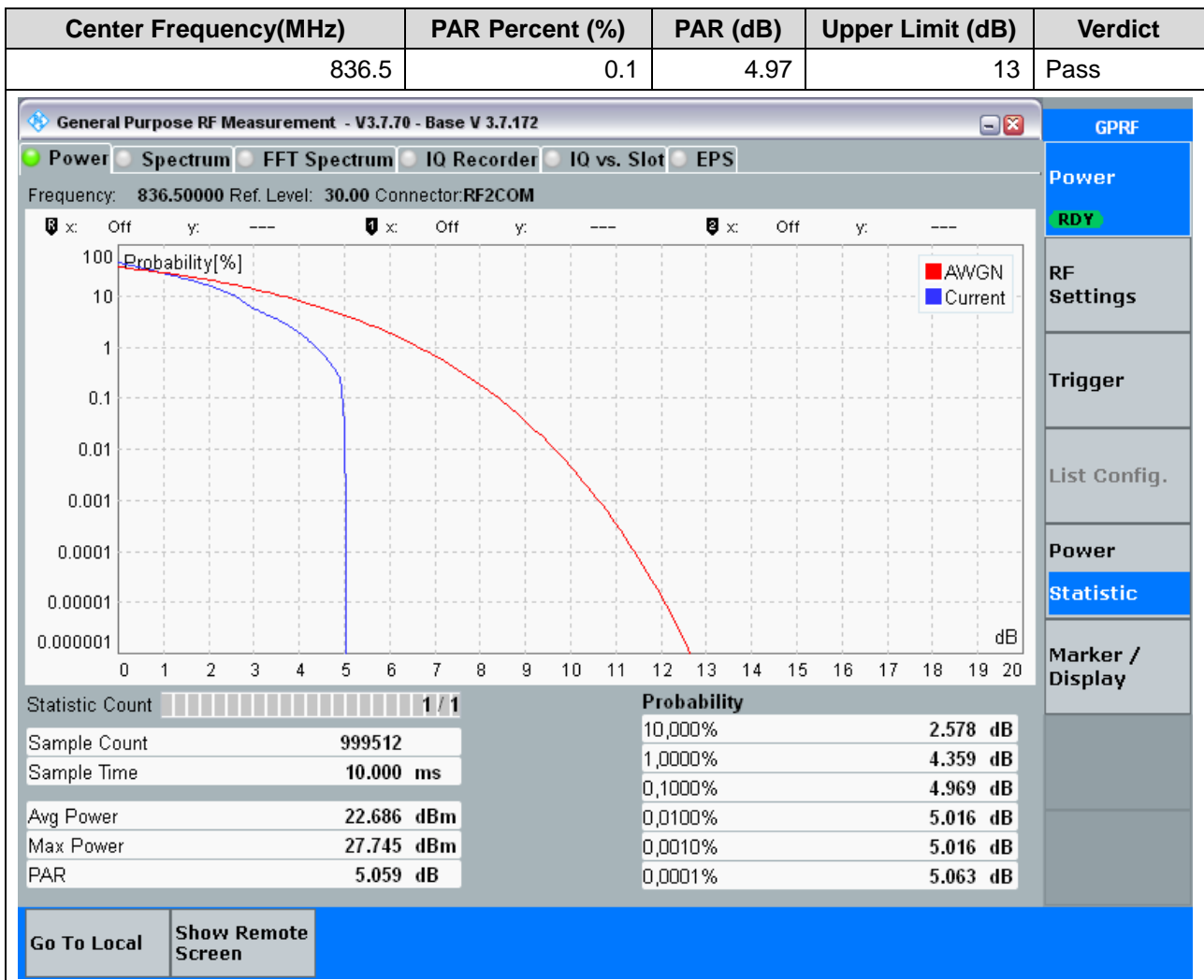
### 16.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)



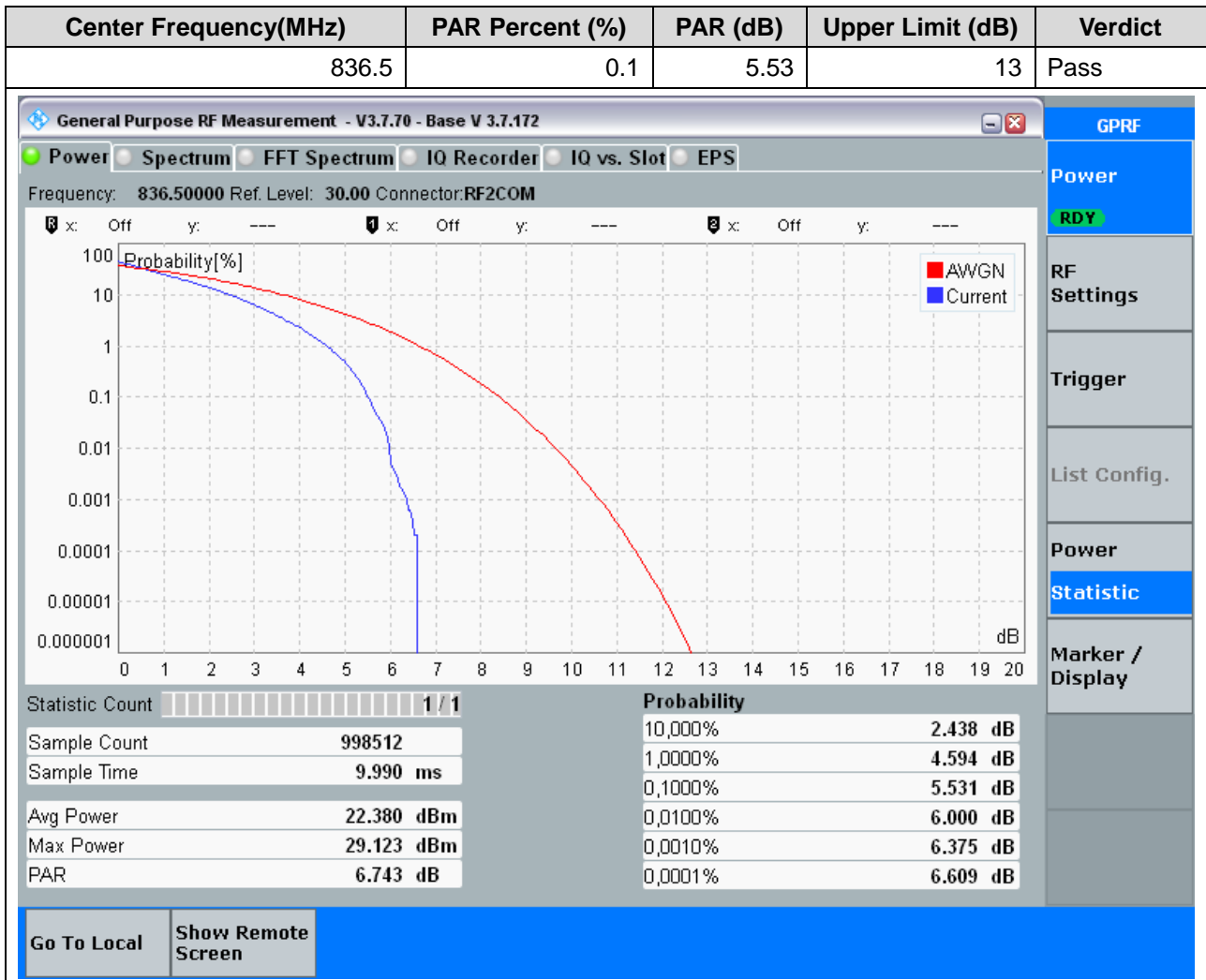
**16.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**



**16.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

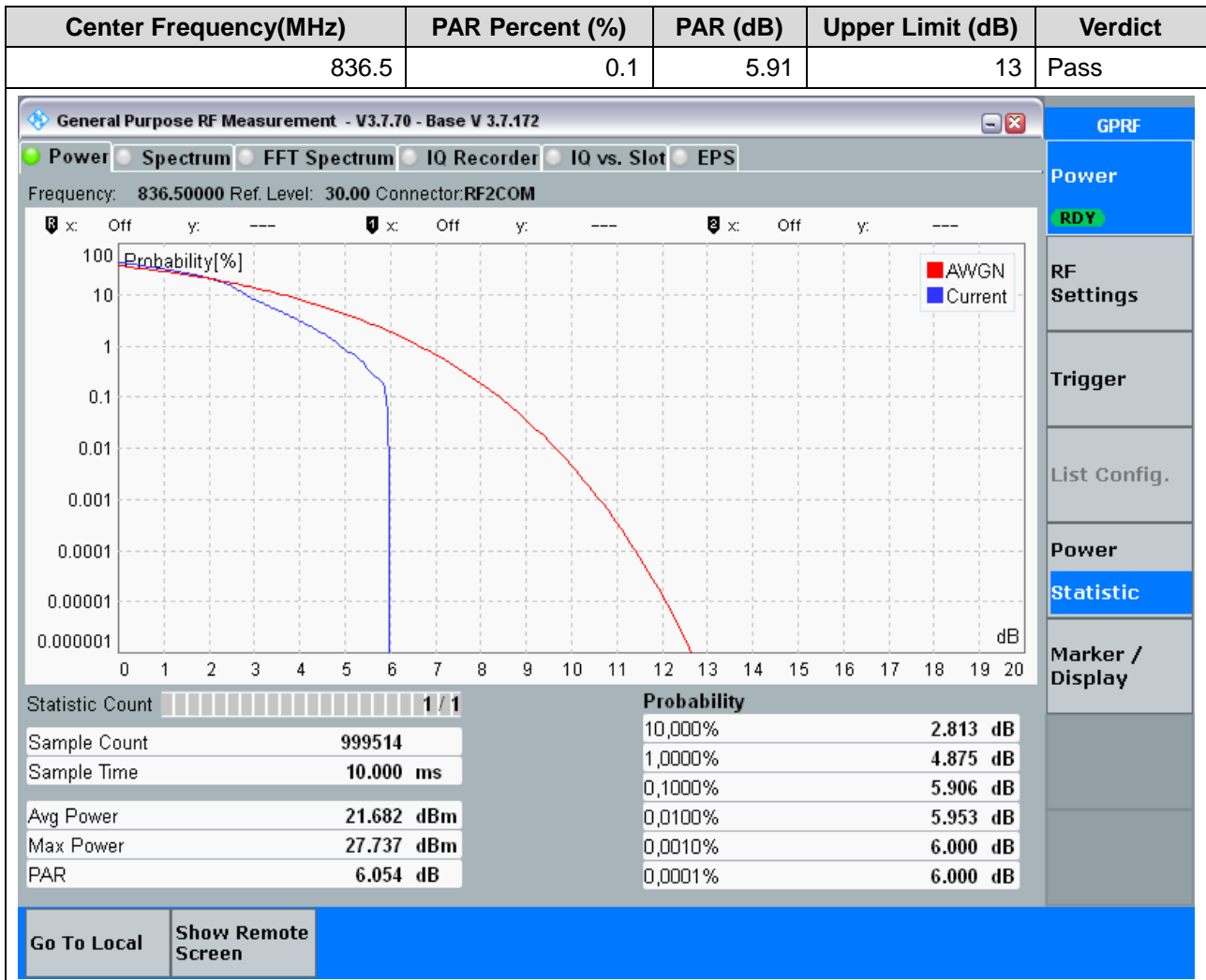


**16.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

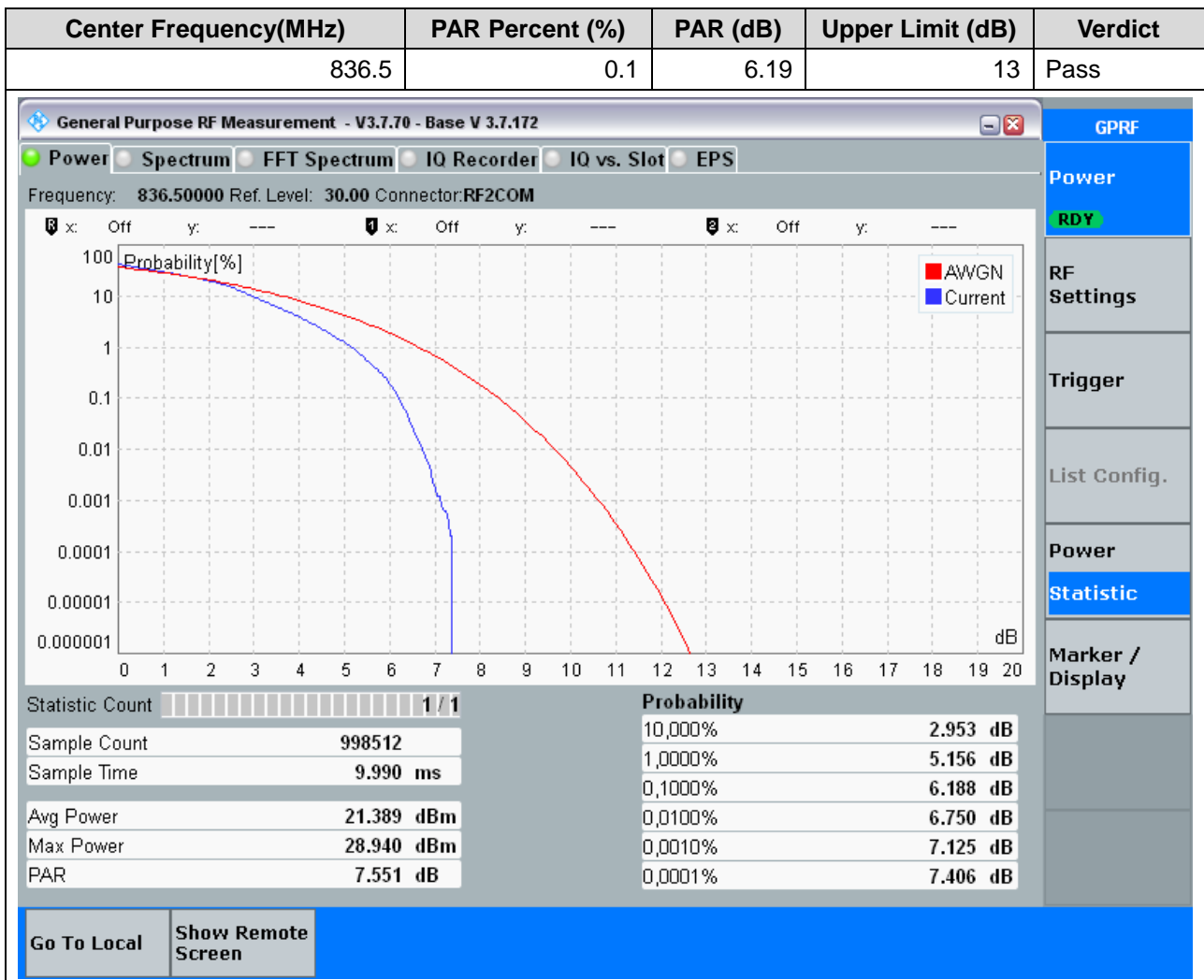




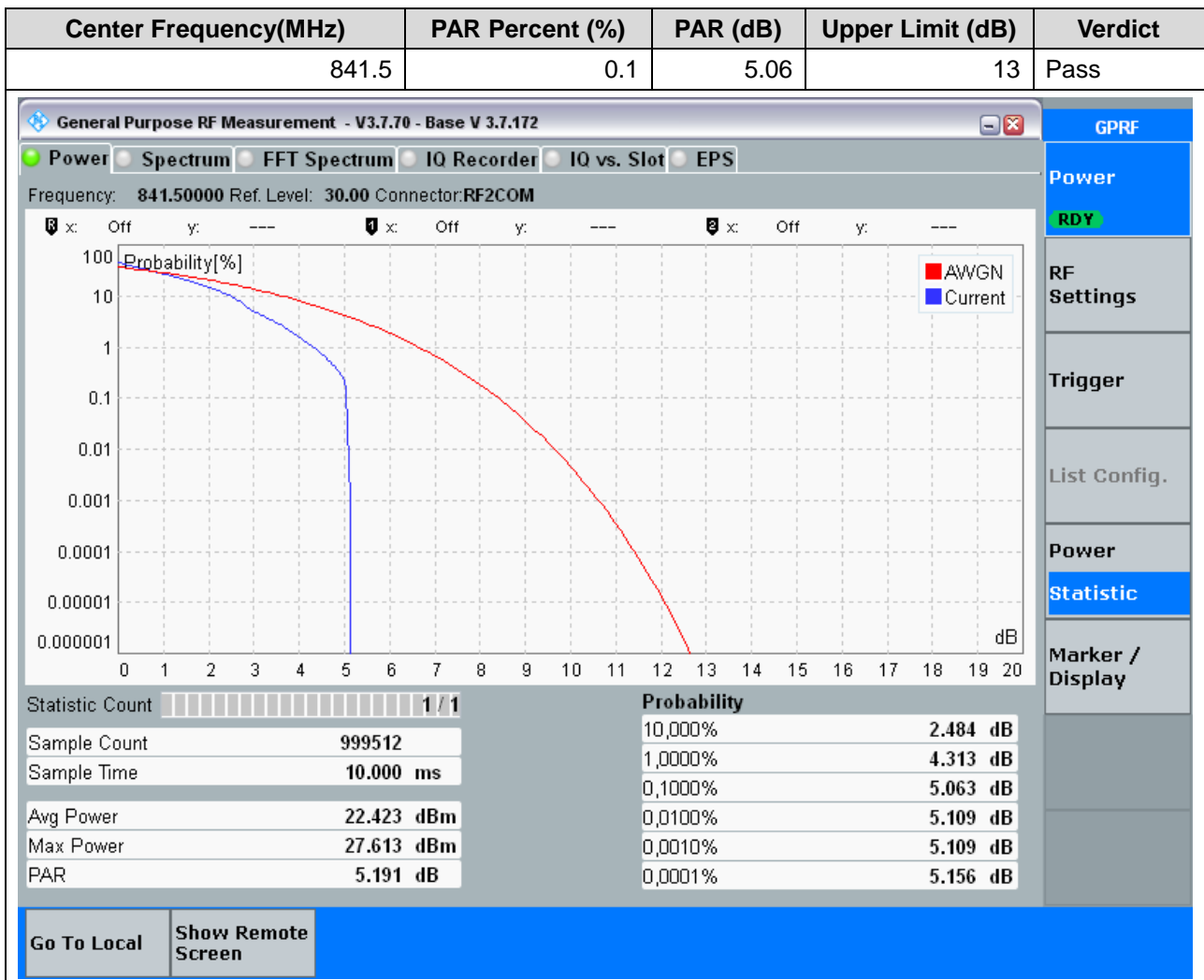
**16.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)**



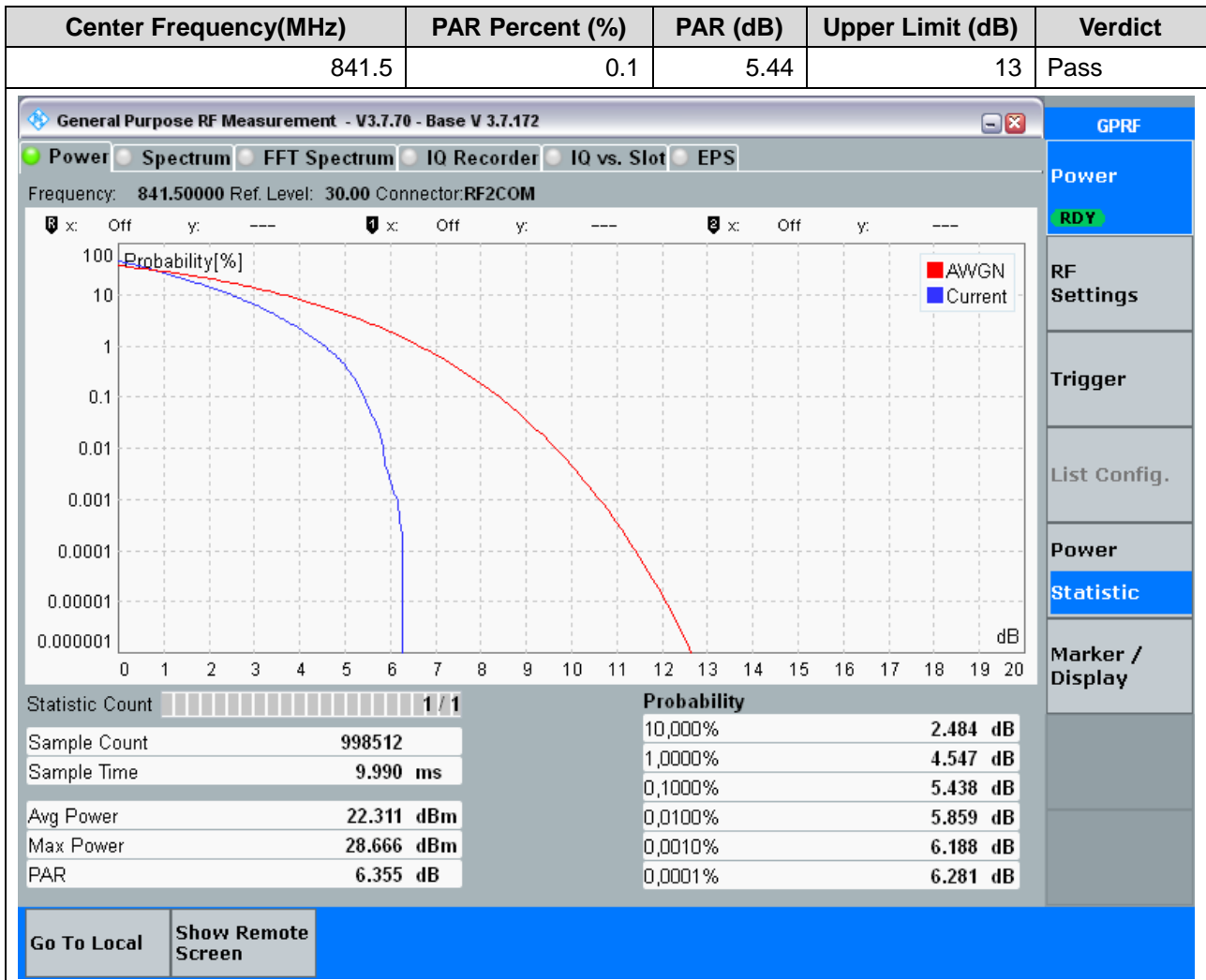
**16.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**



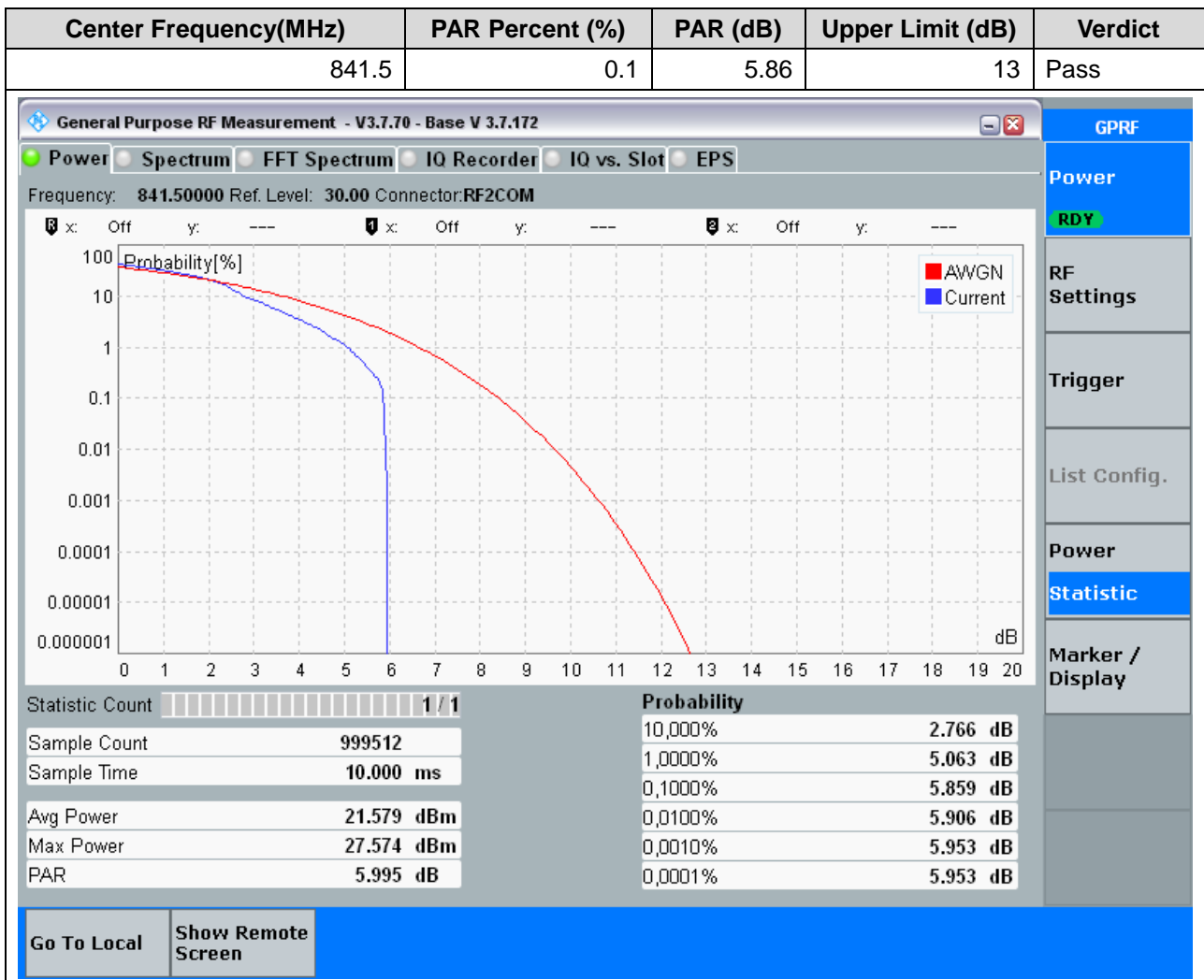
**16.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



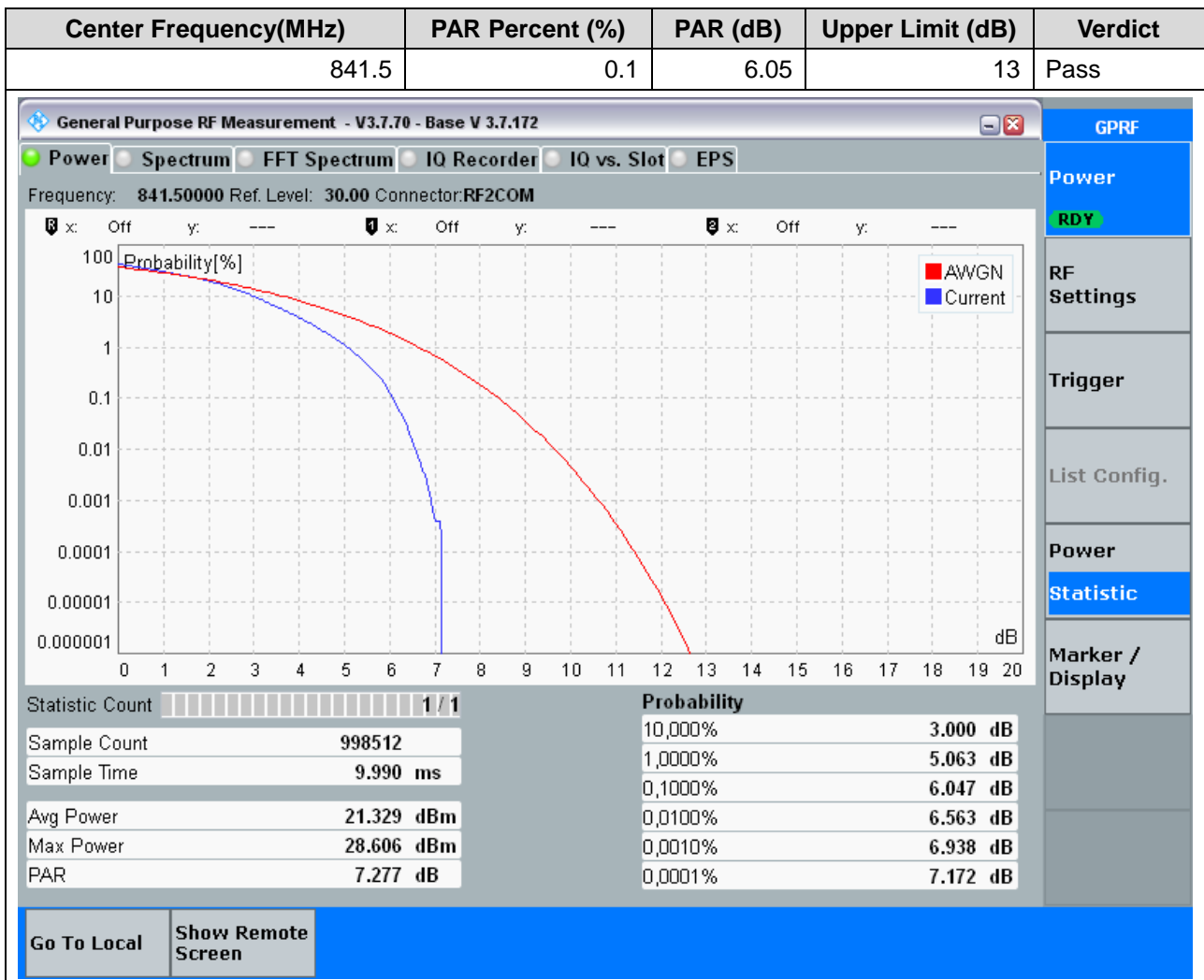
**16.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**



**16.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)**

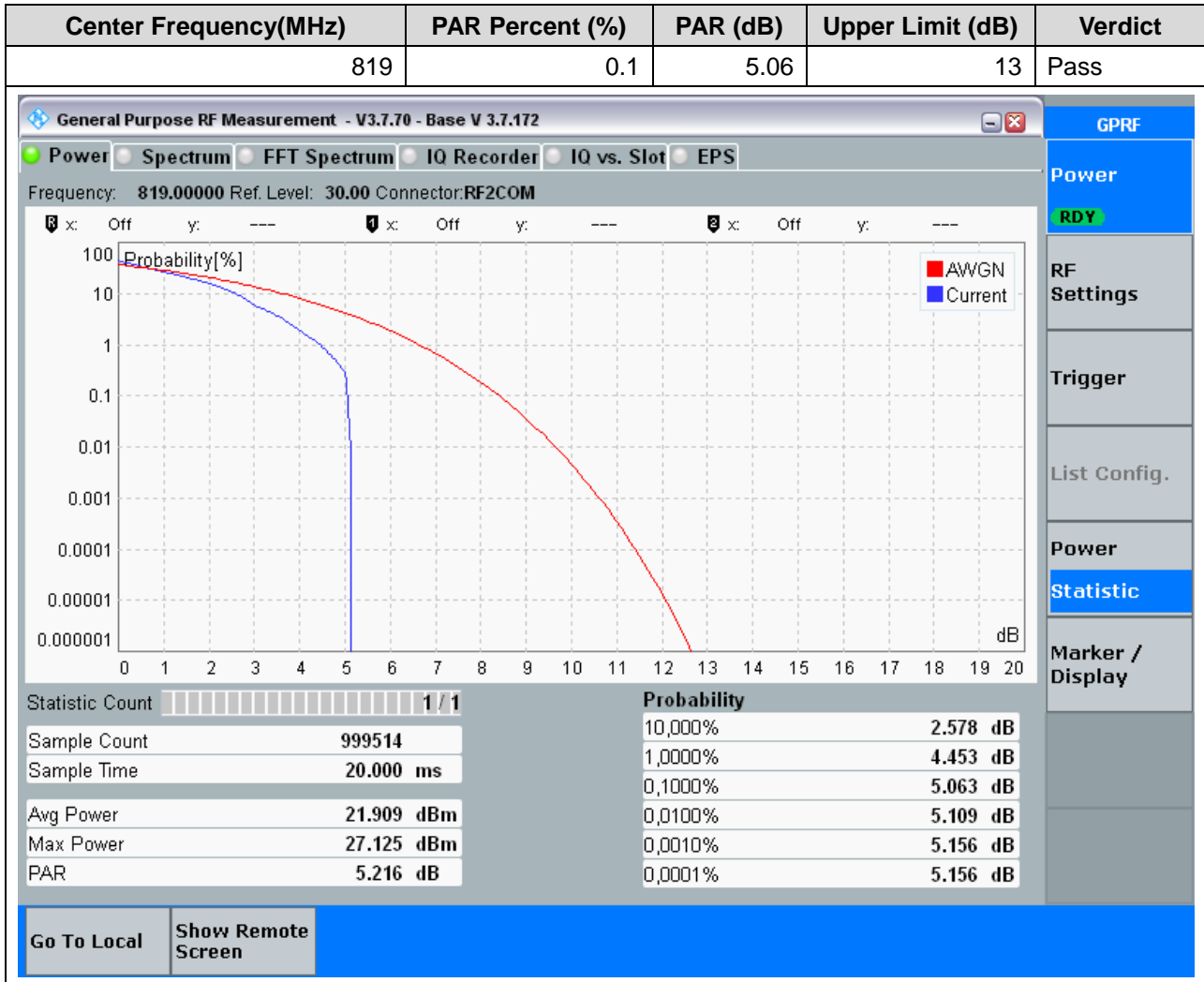


**16.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

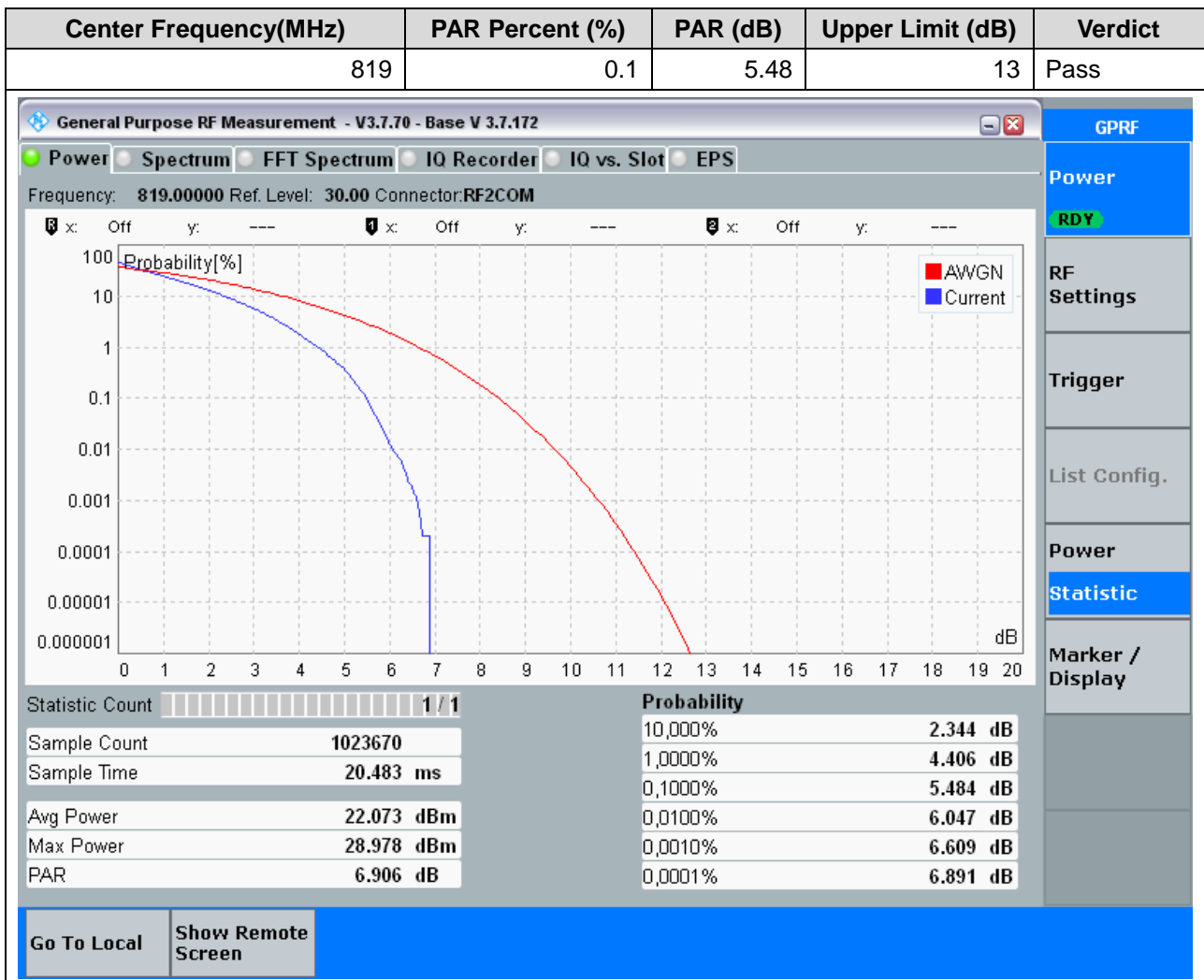


## 17. LTE\_Band26(814-824MHz)

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

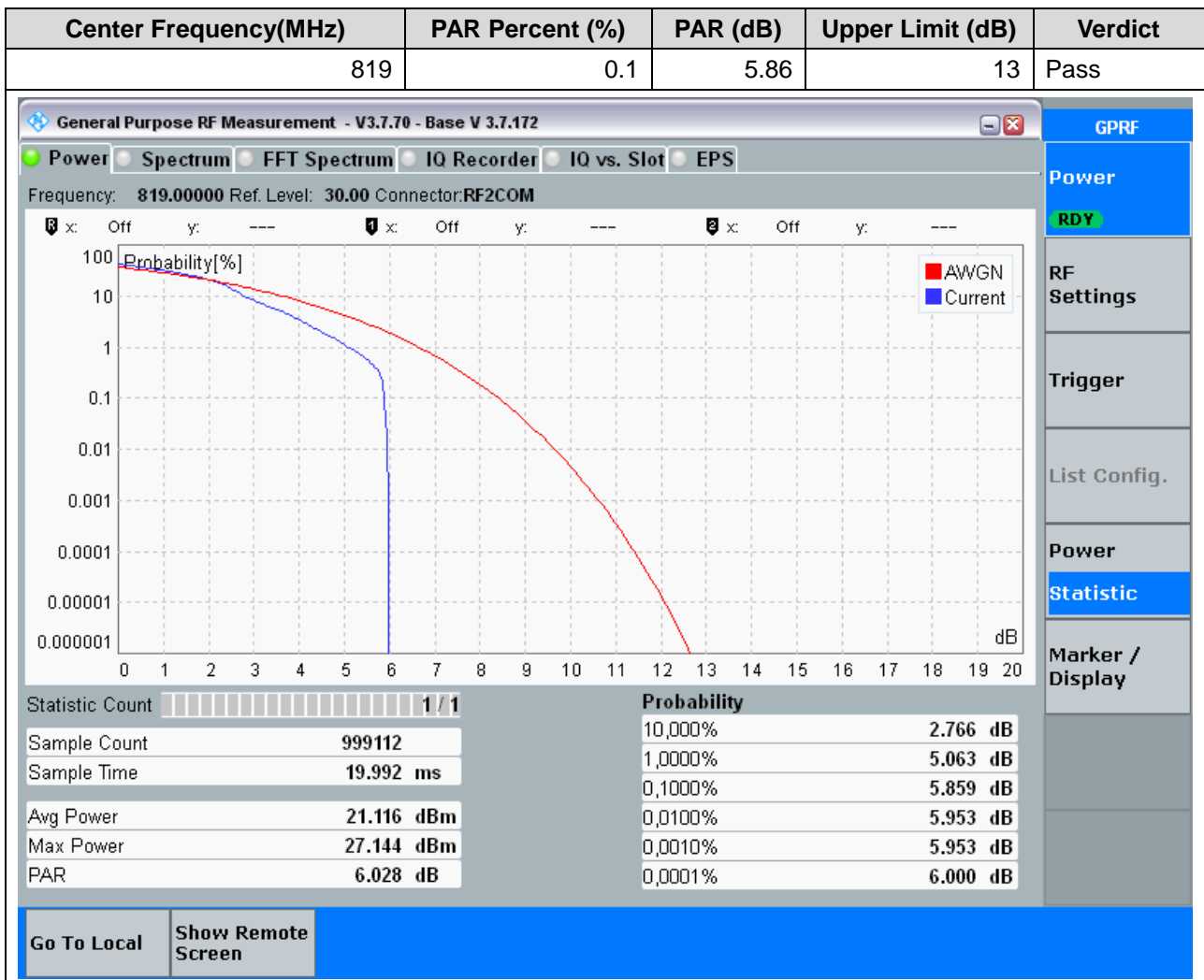


**17.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

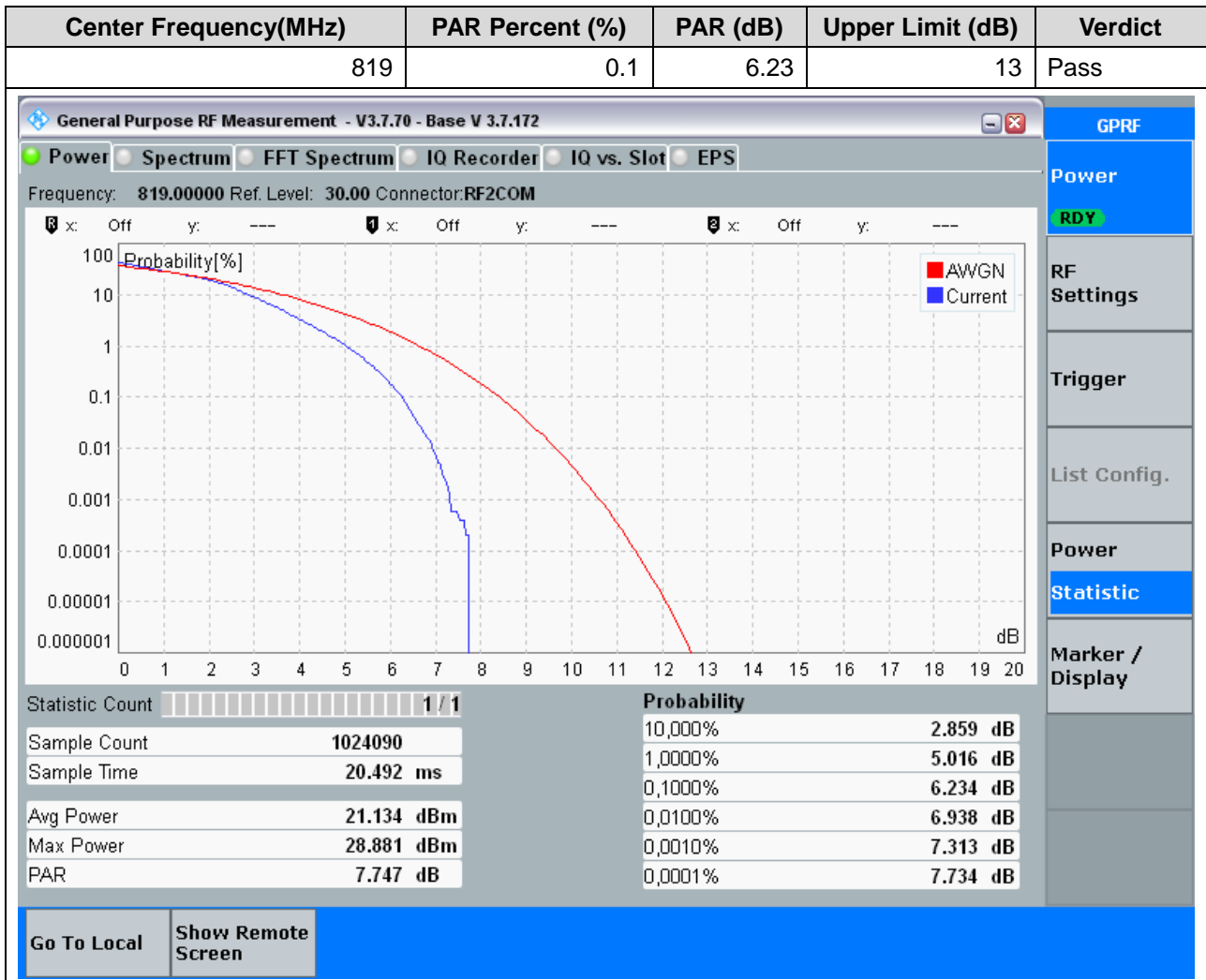




### 17.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

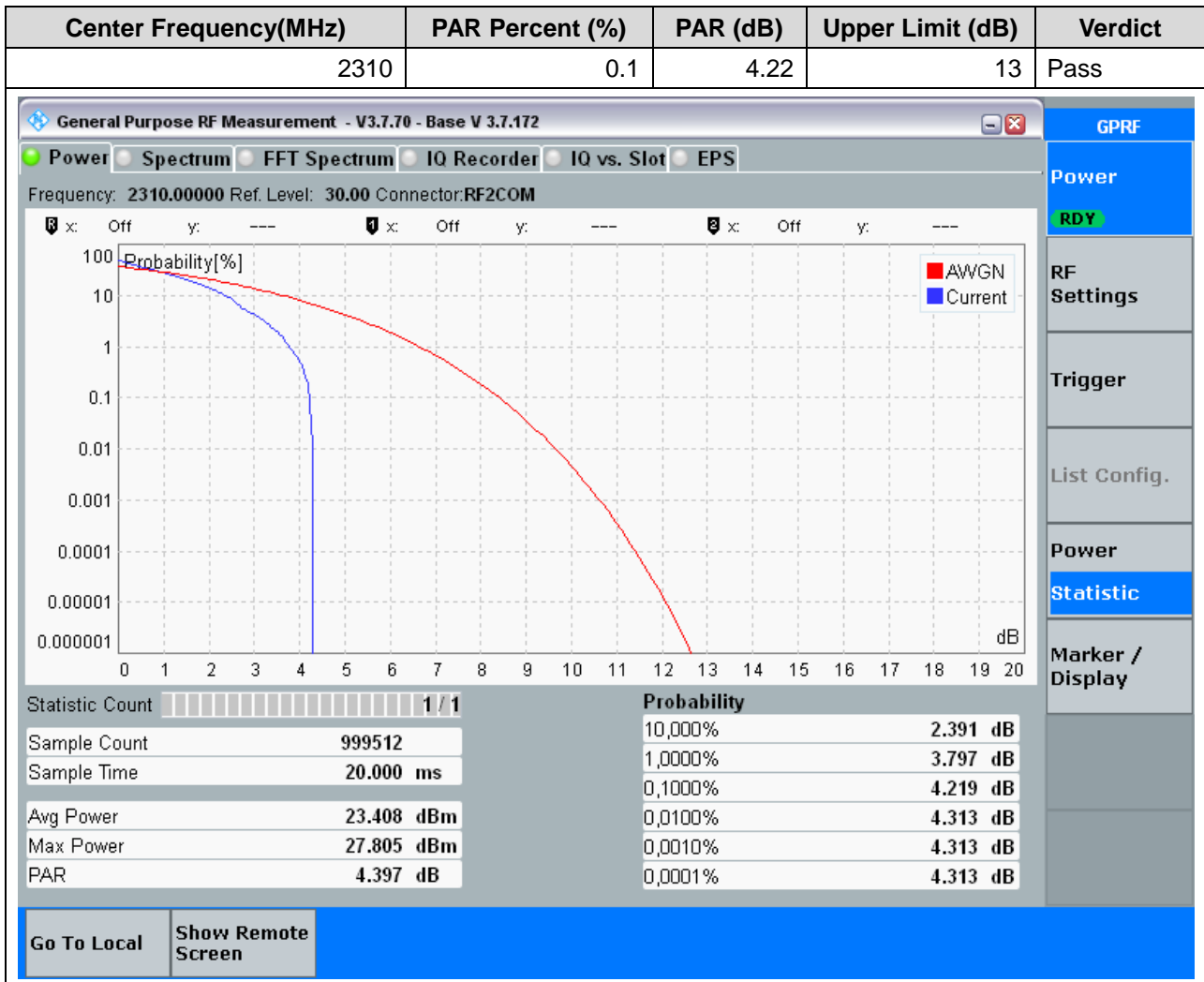


**17.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

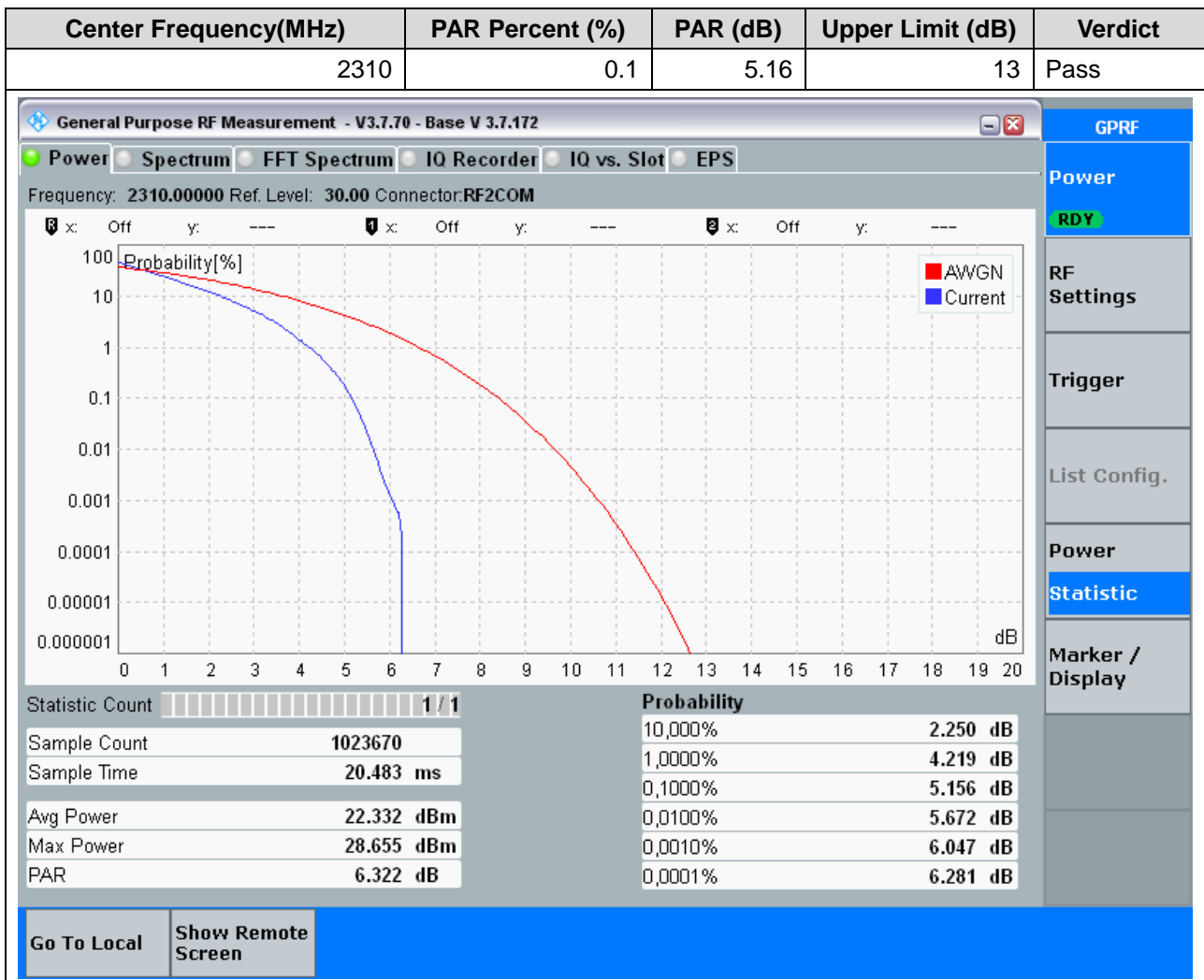


## 18. LTE\_Band30

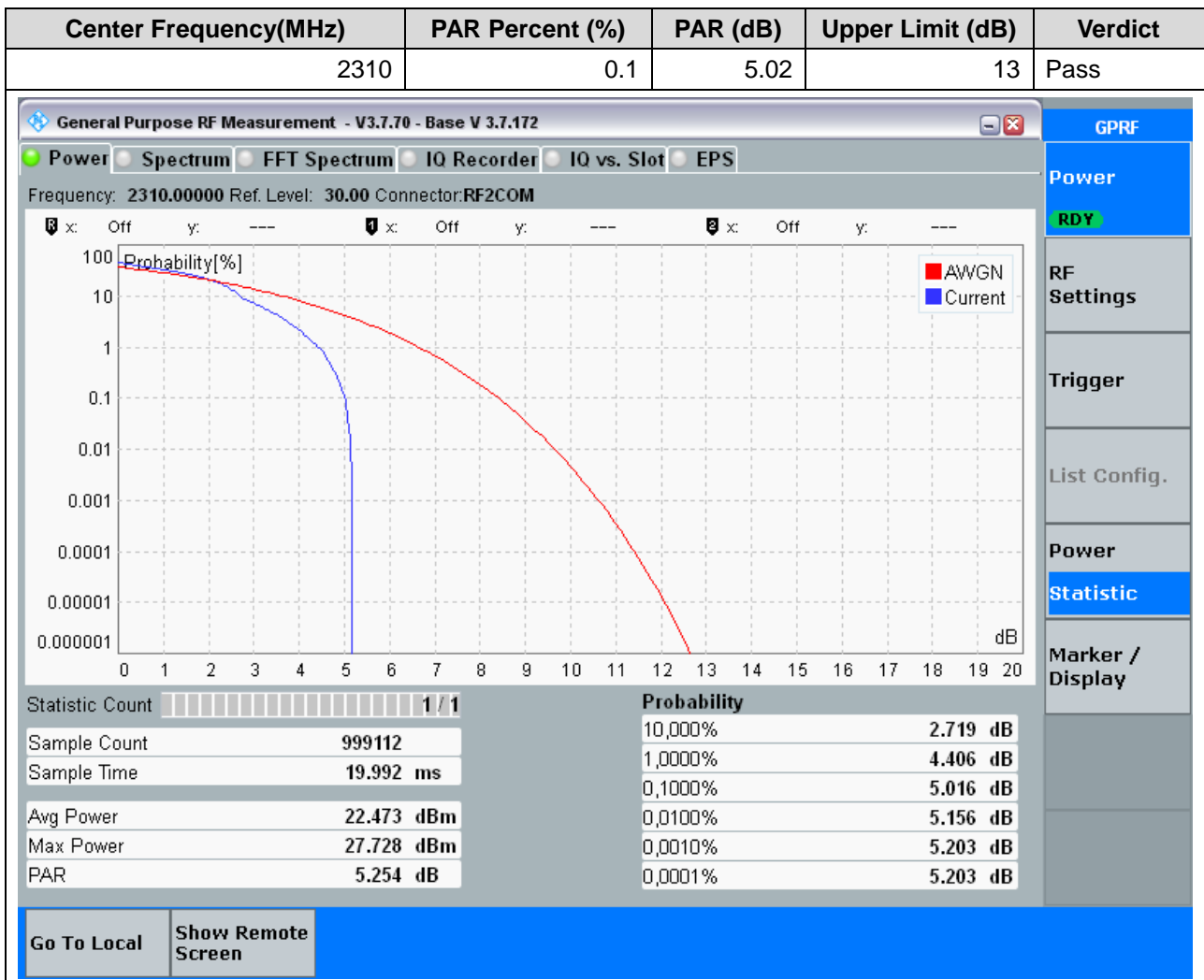
### 18.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:27710, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



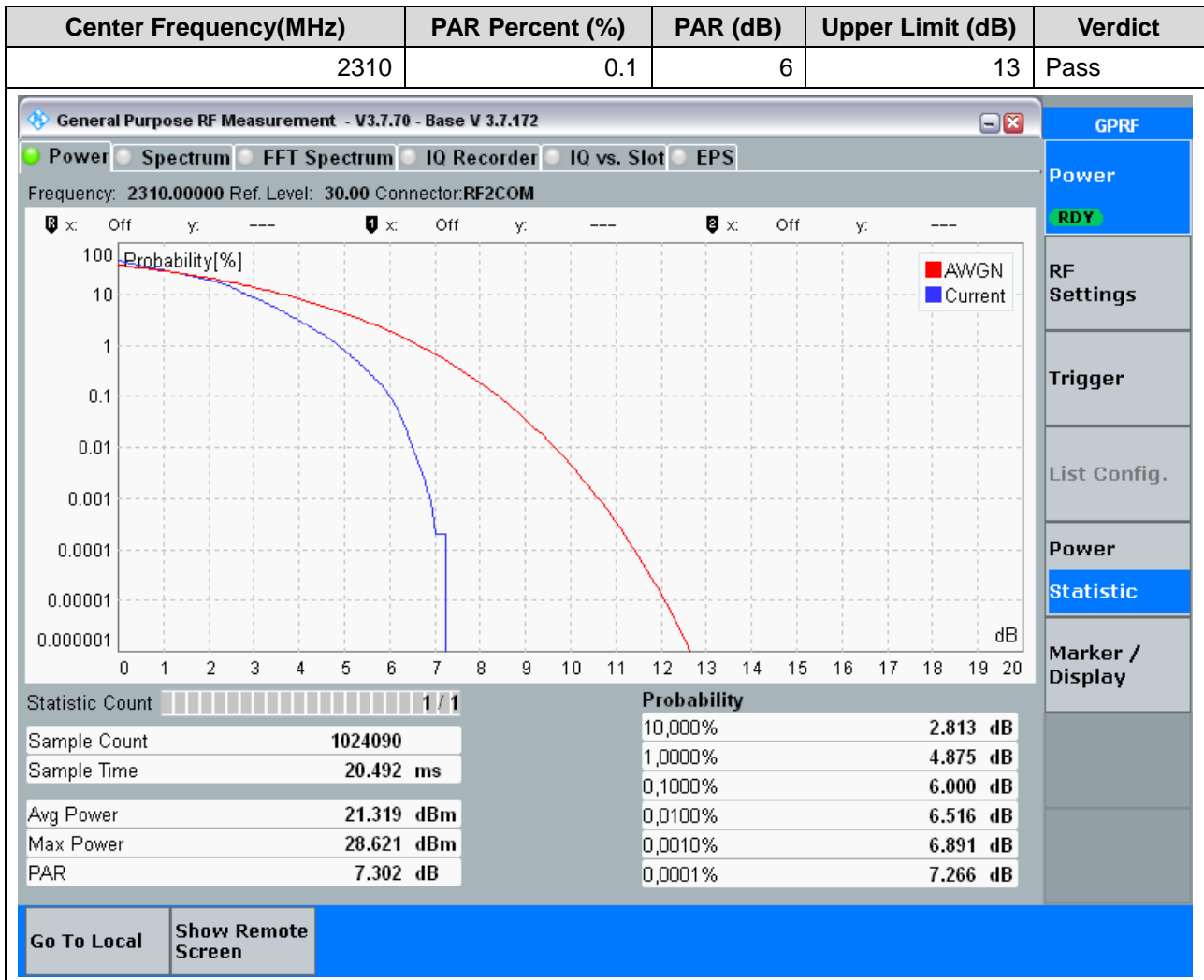
**18.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:27710, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



### 18.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:27710, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

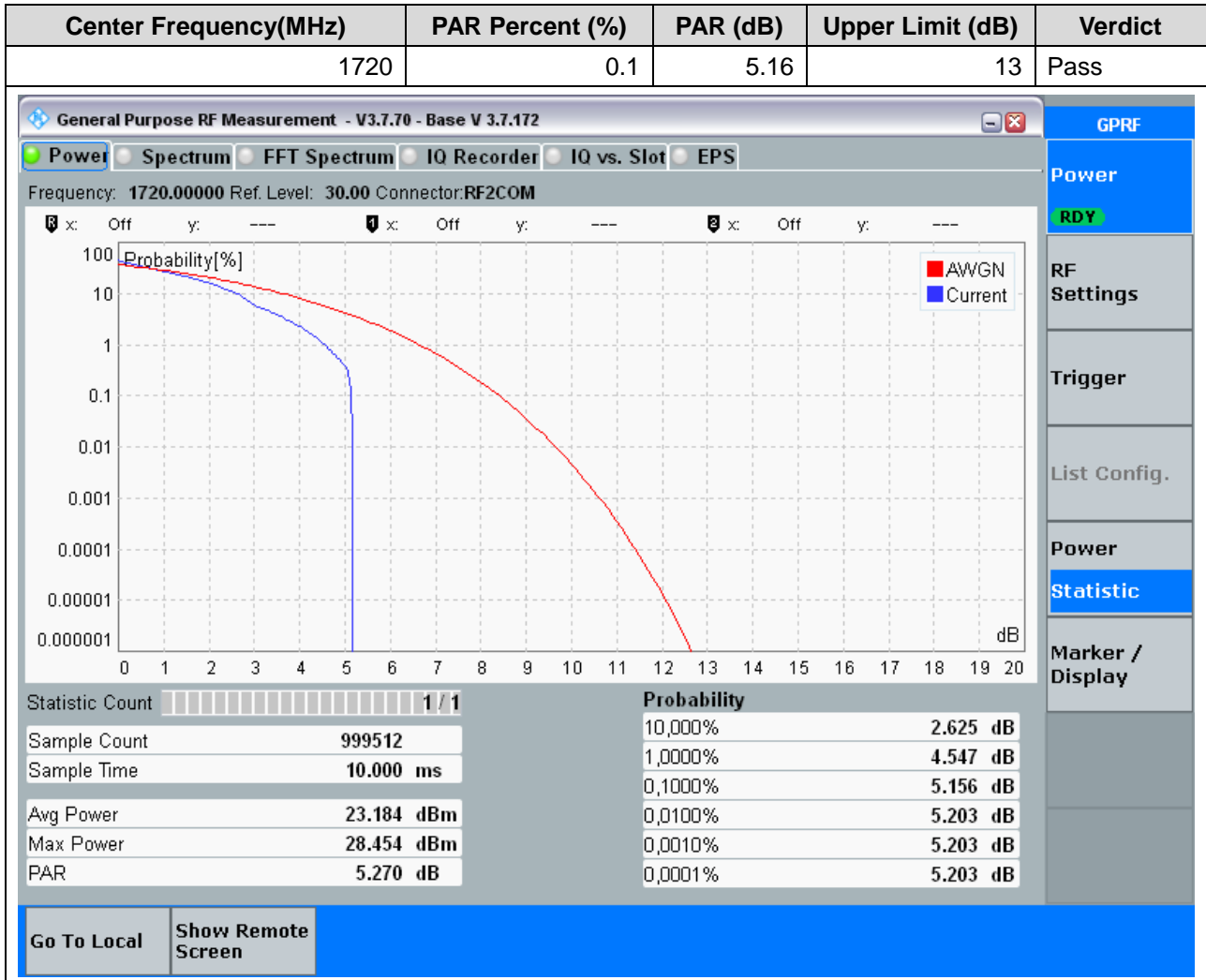


**18.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:27710, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

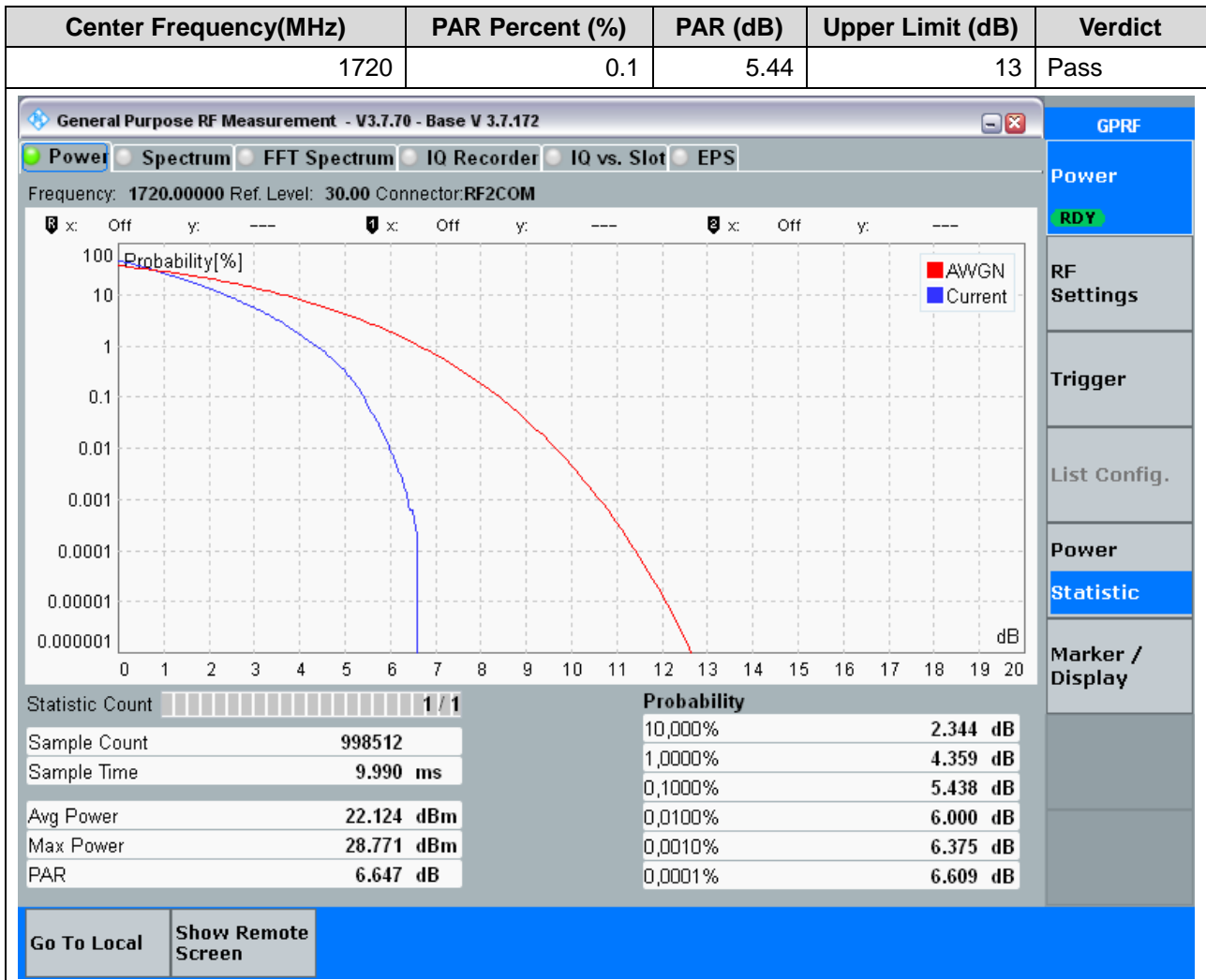


## 19. LTE\_Band66

### 19.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

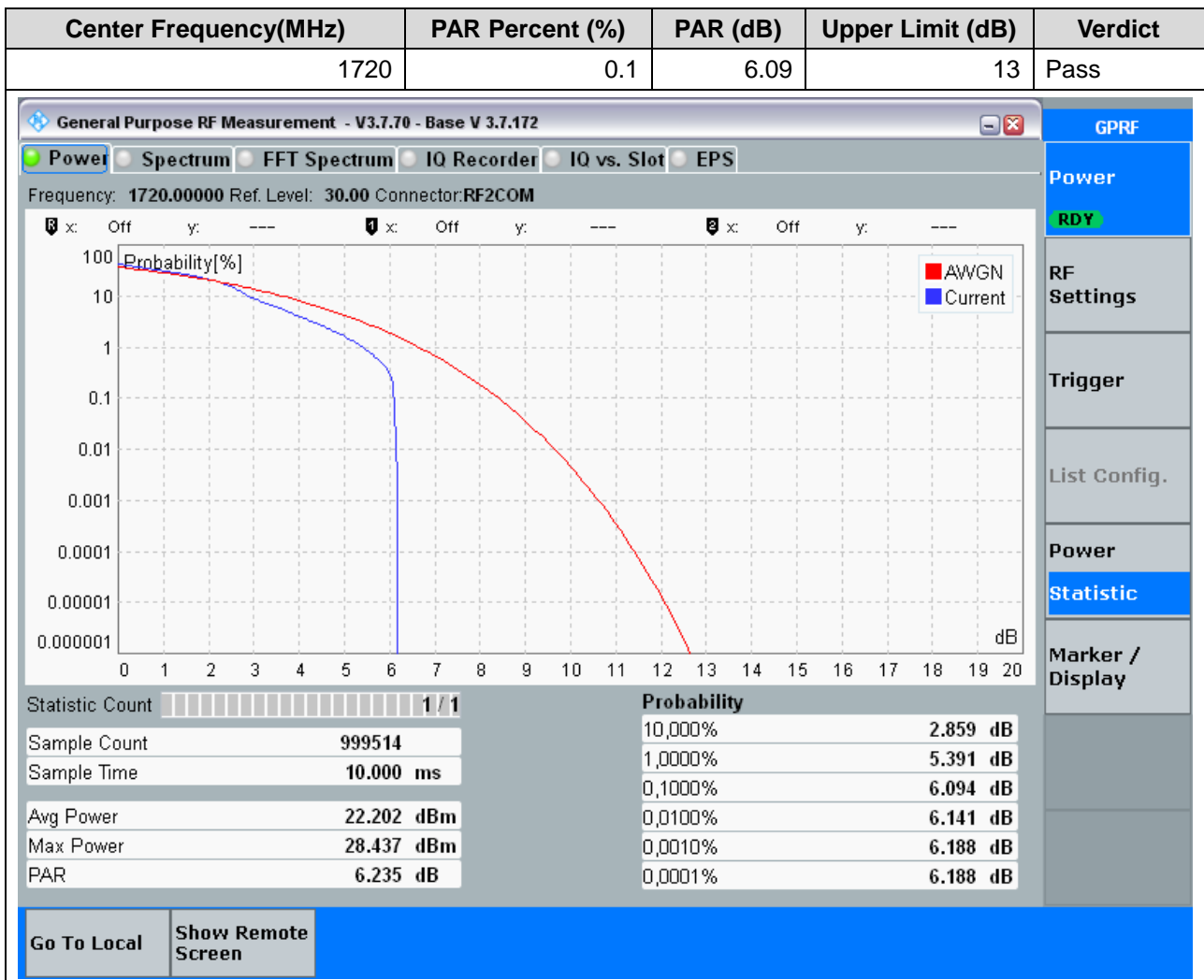


**19.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

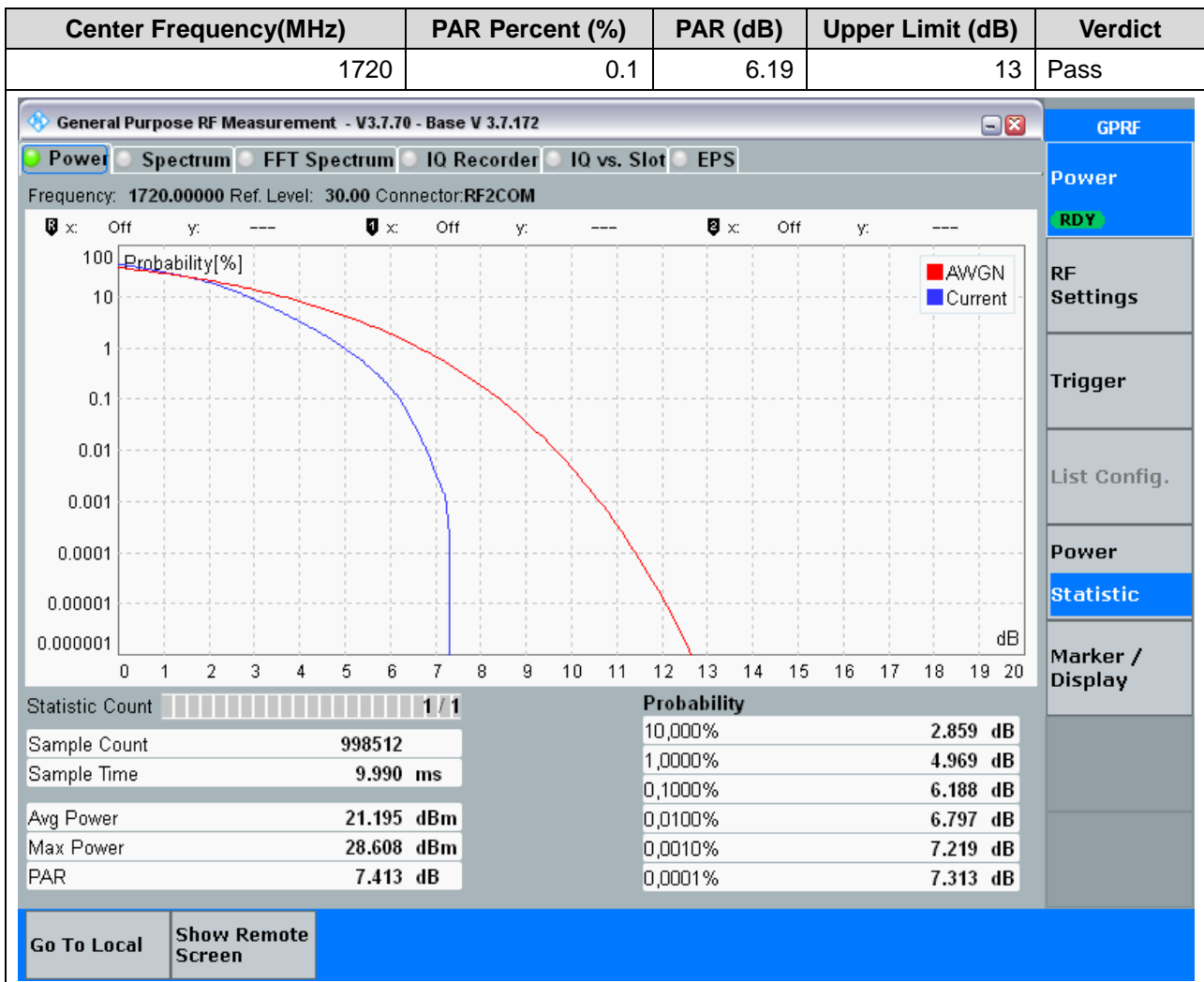




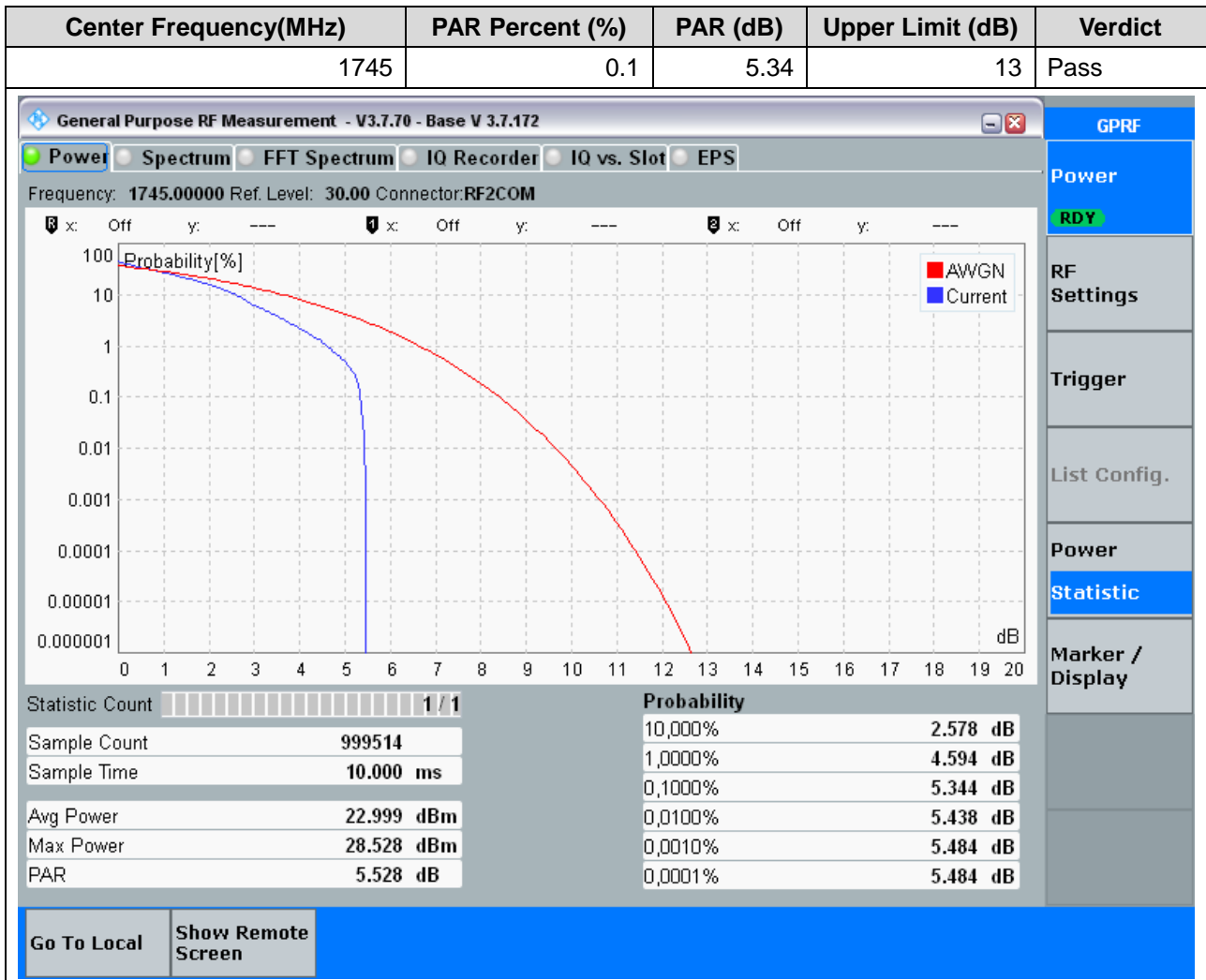
### 19.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



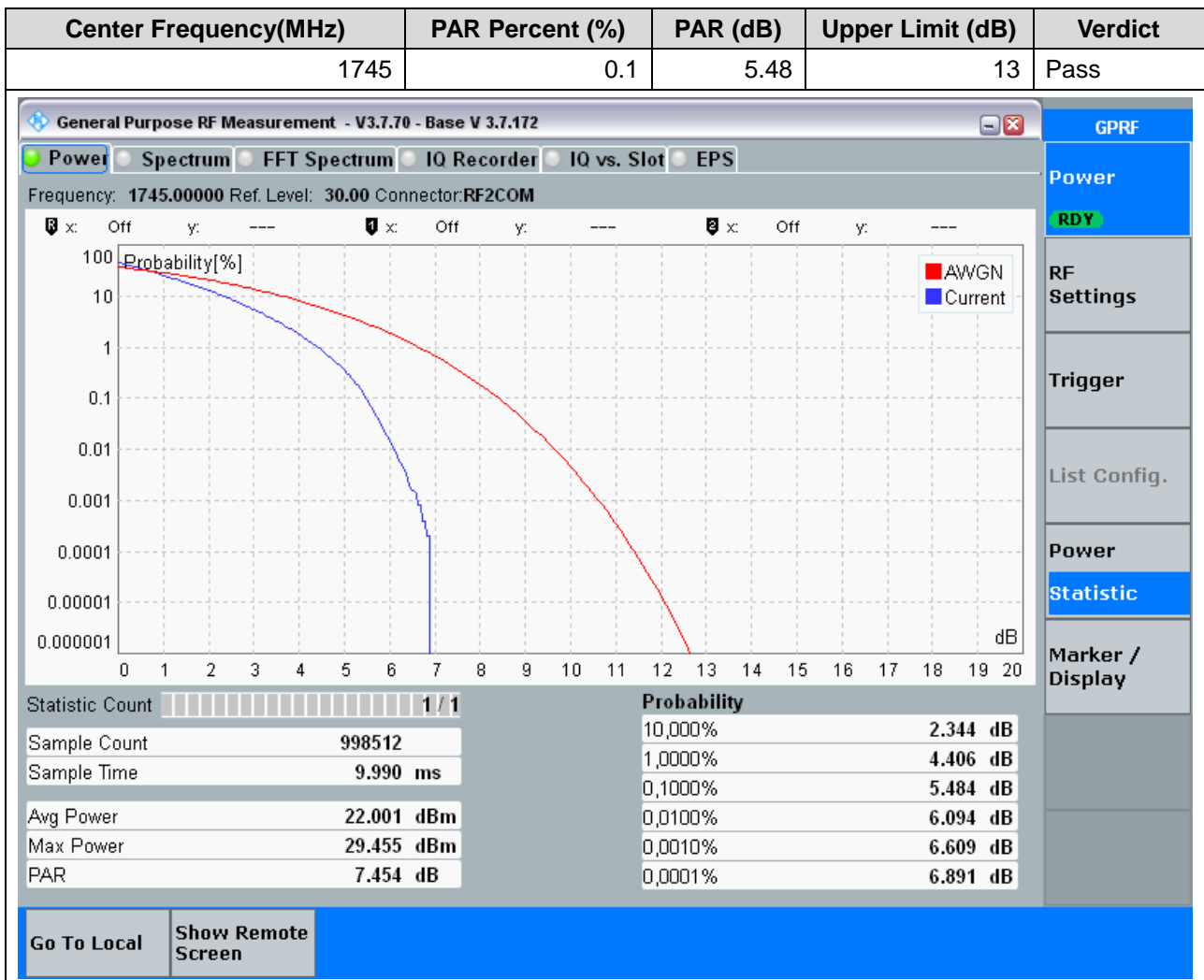
**19.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



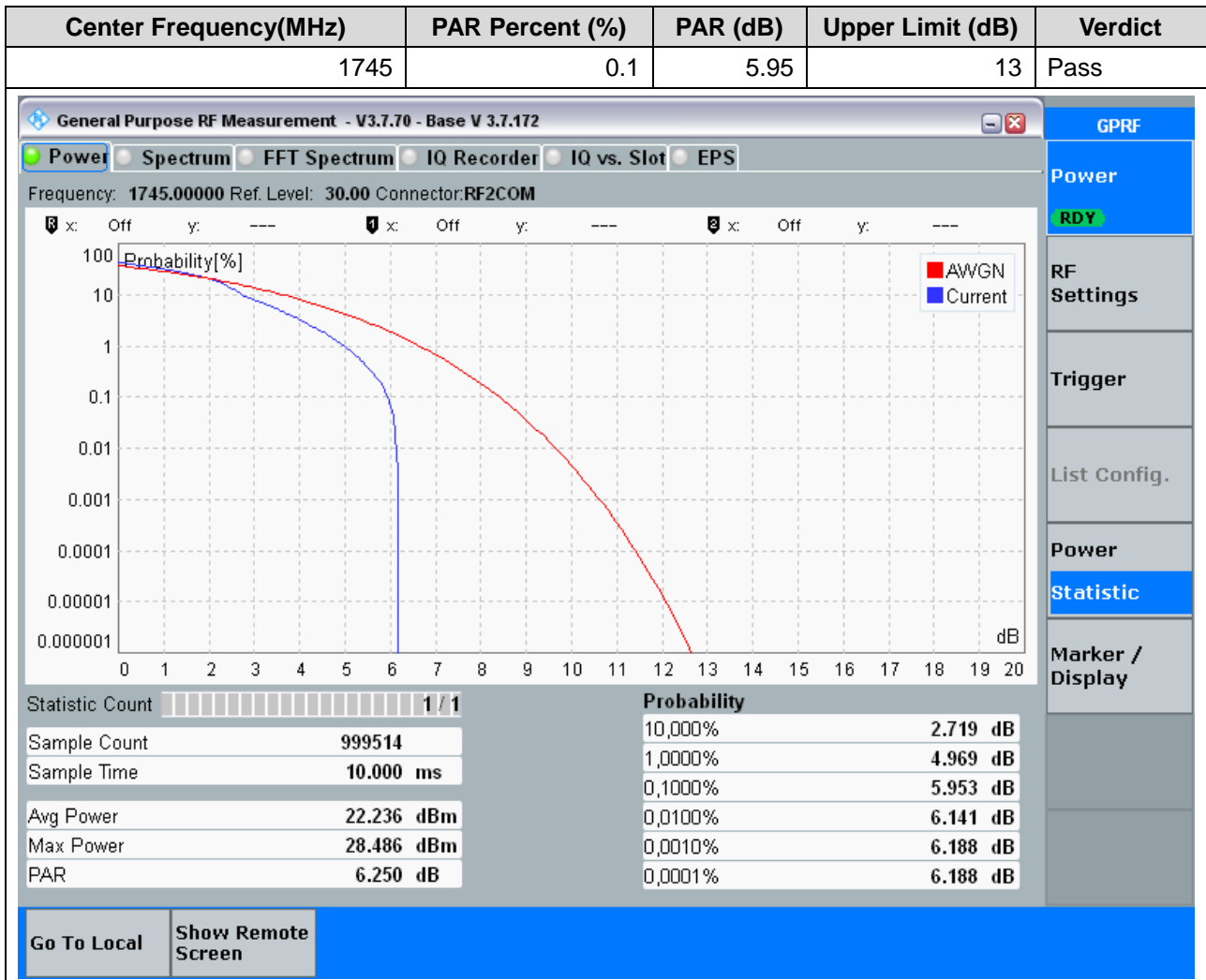
**19.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



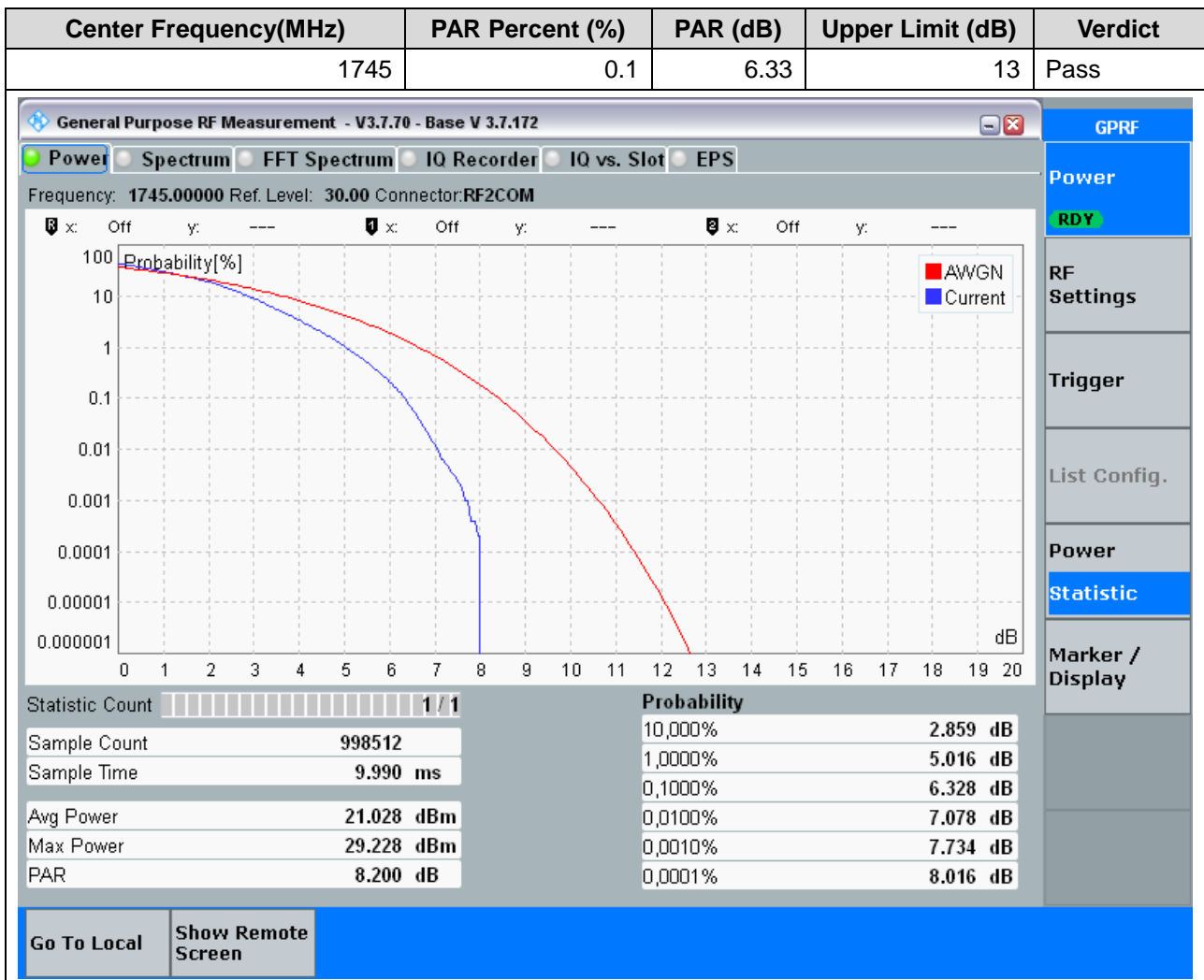
**19.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



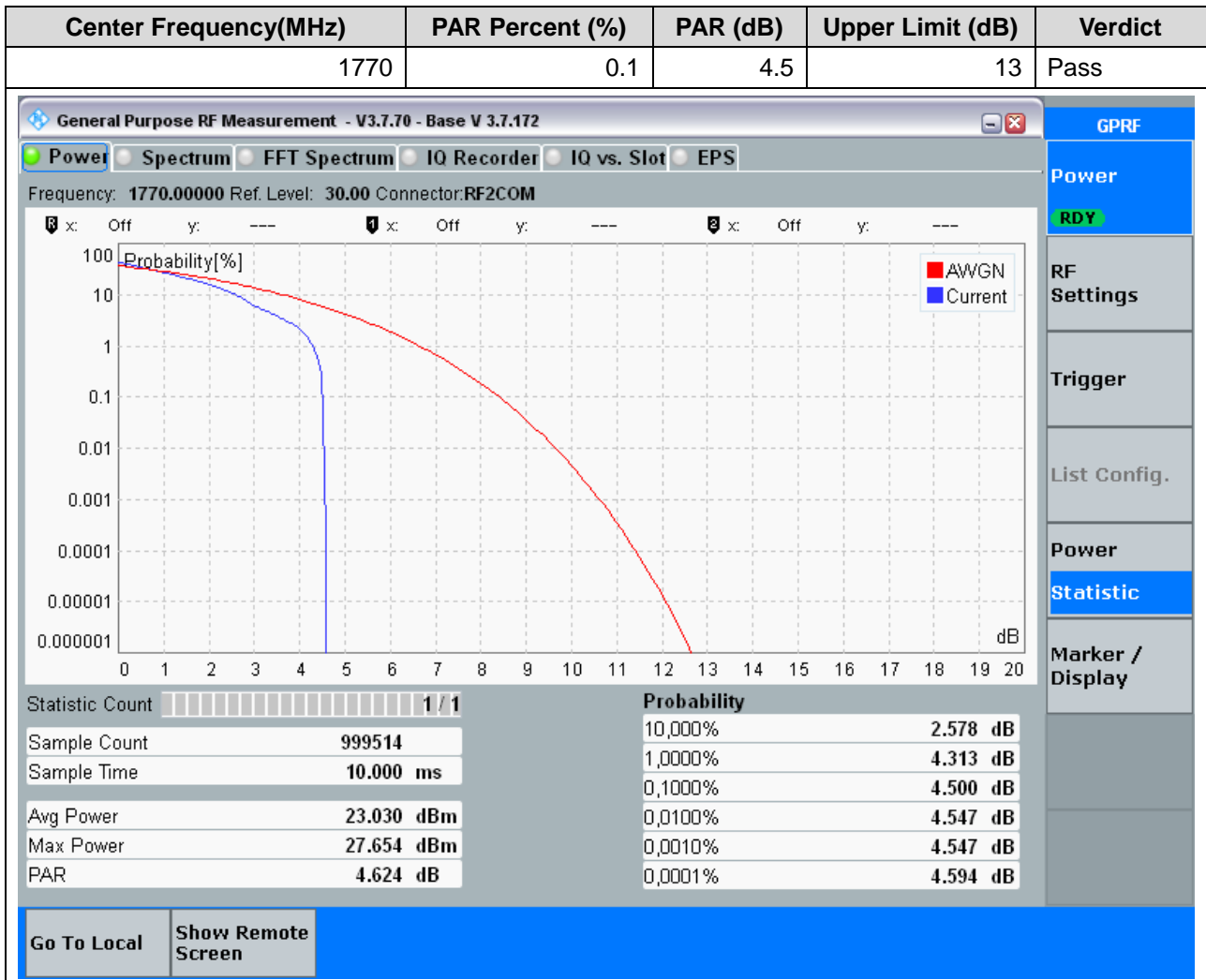
**19.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



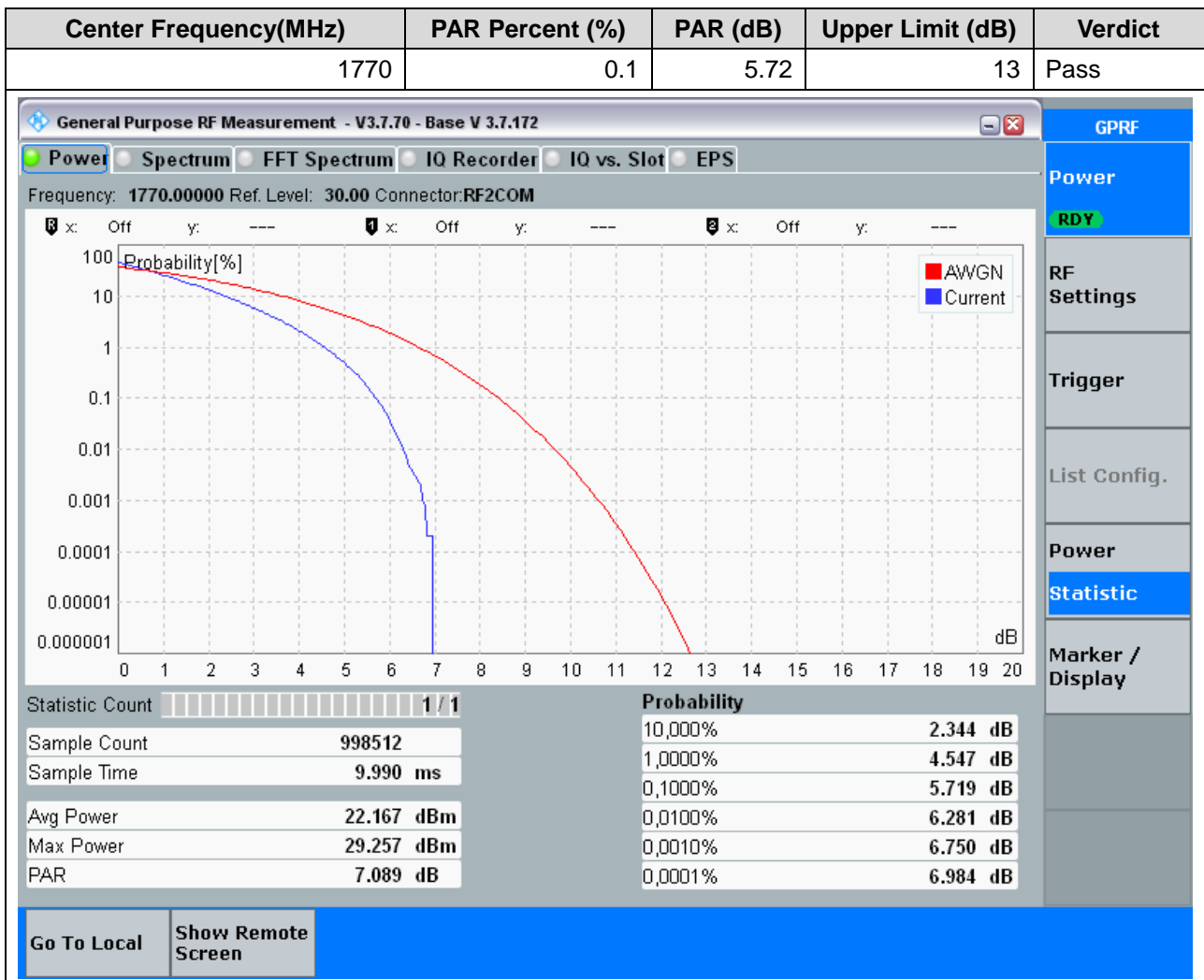
**19.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



**19.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

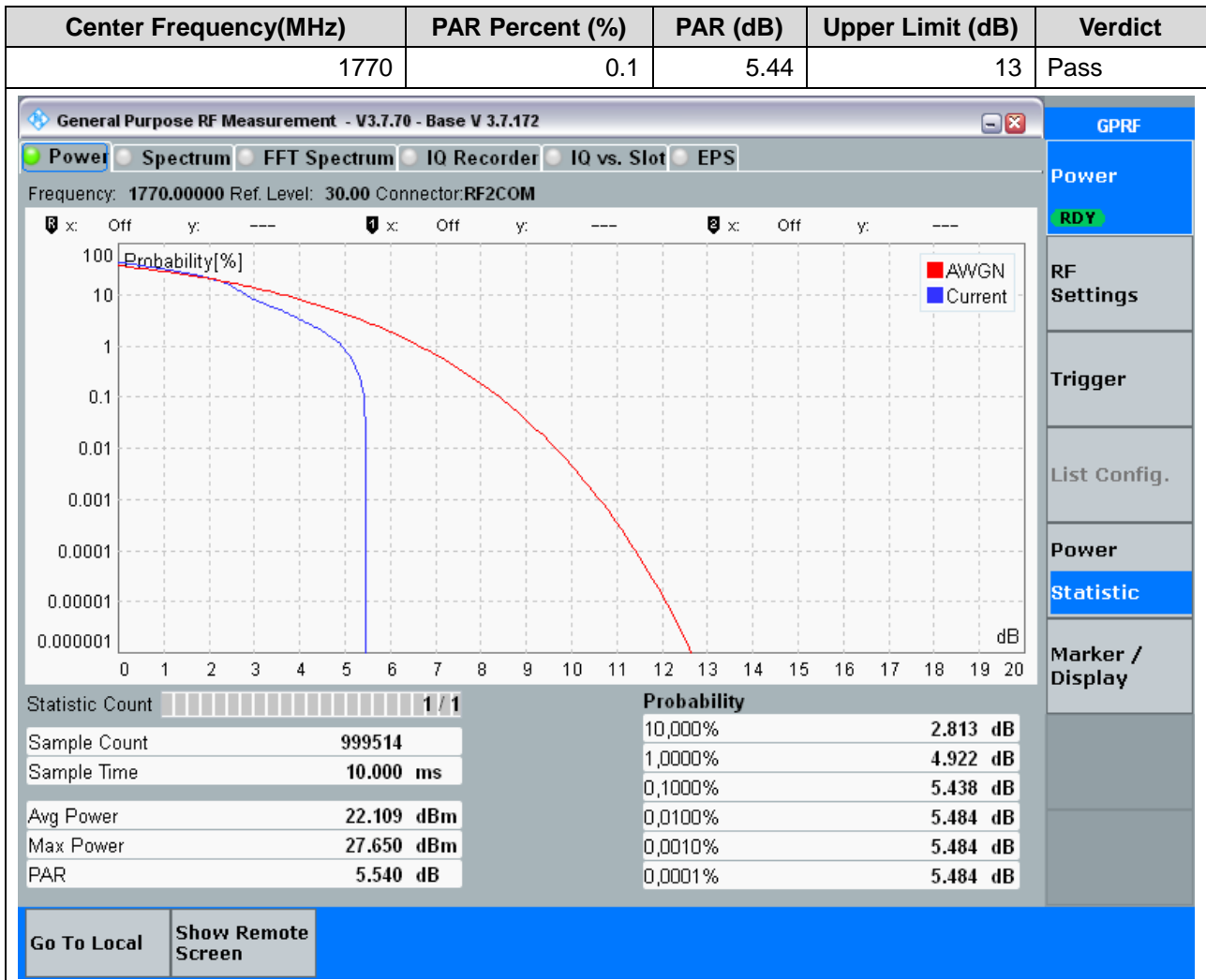


**19.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

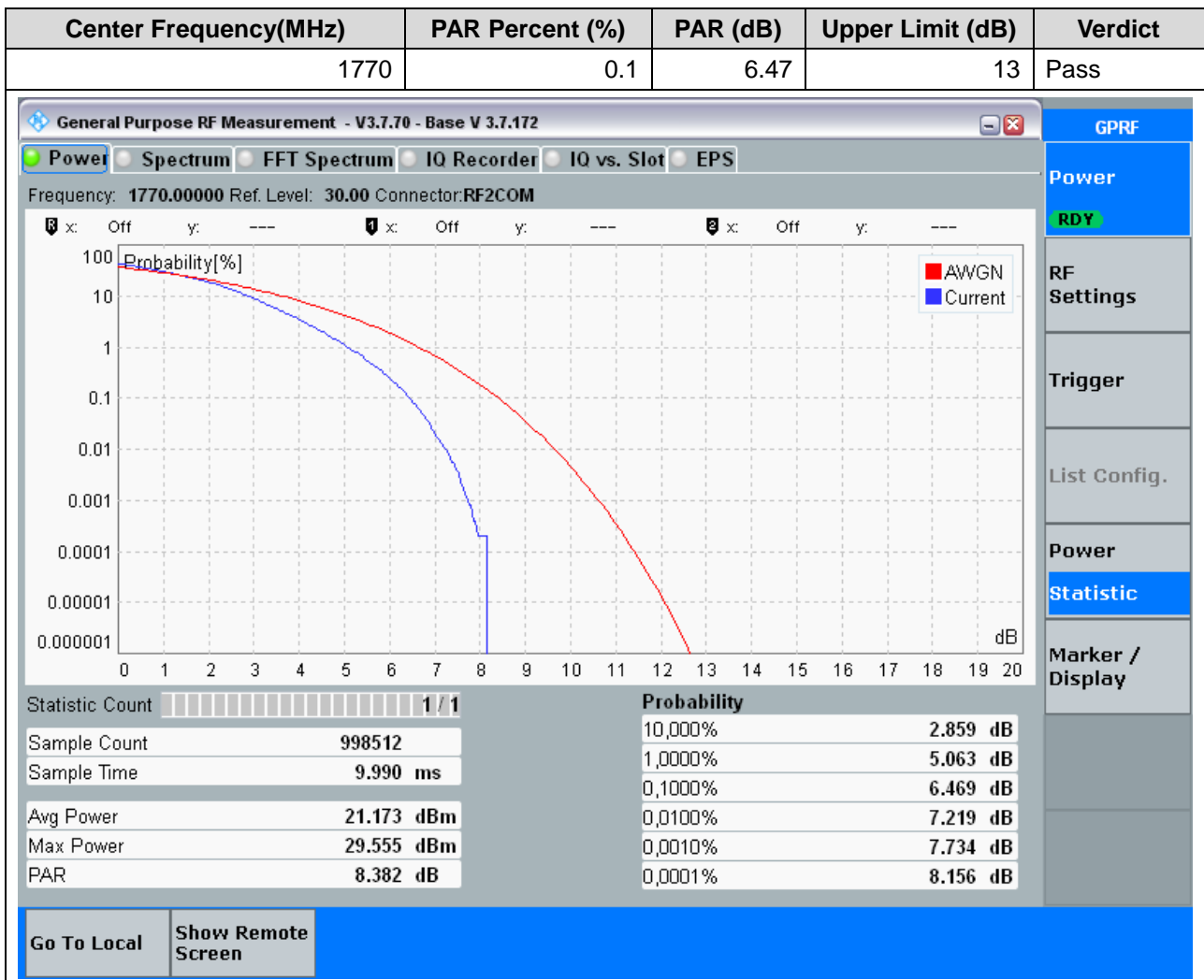




**19.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

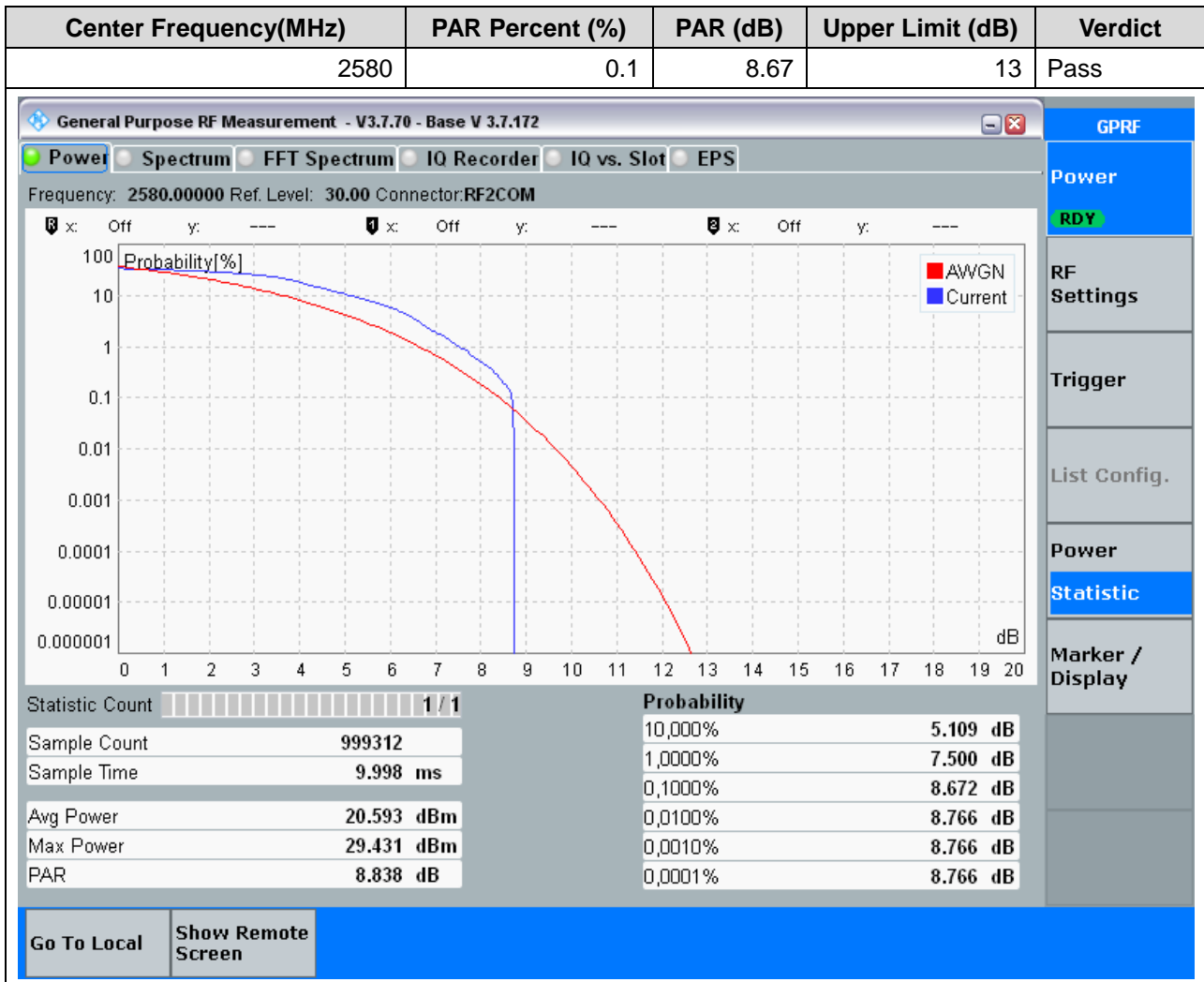


**19.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

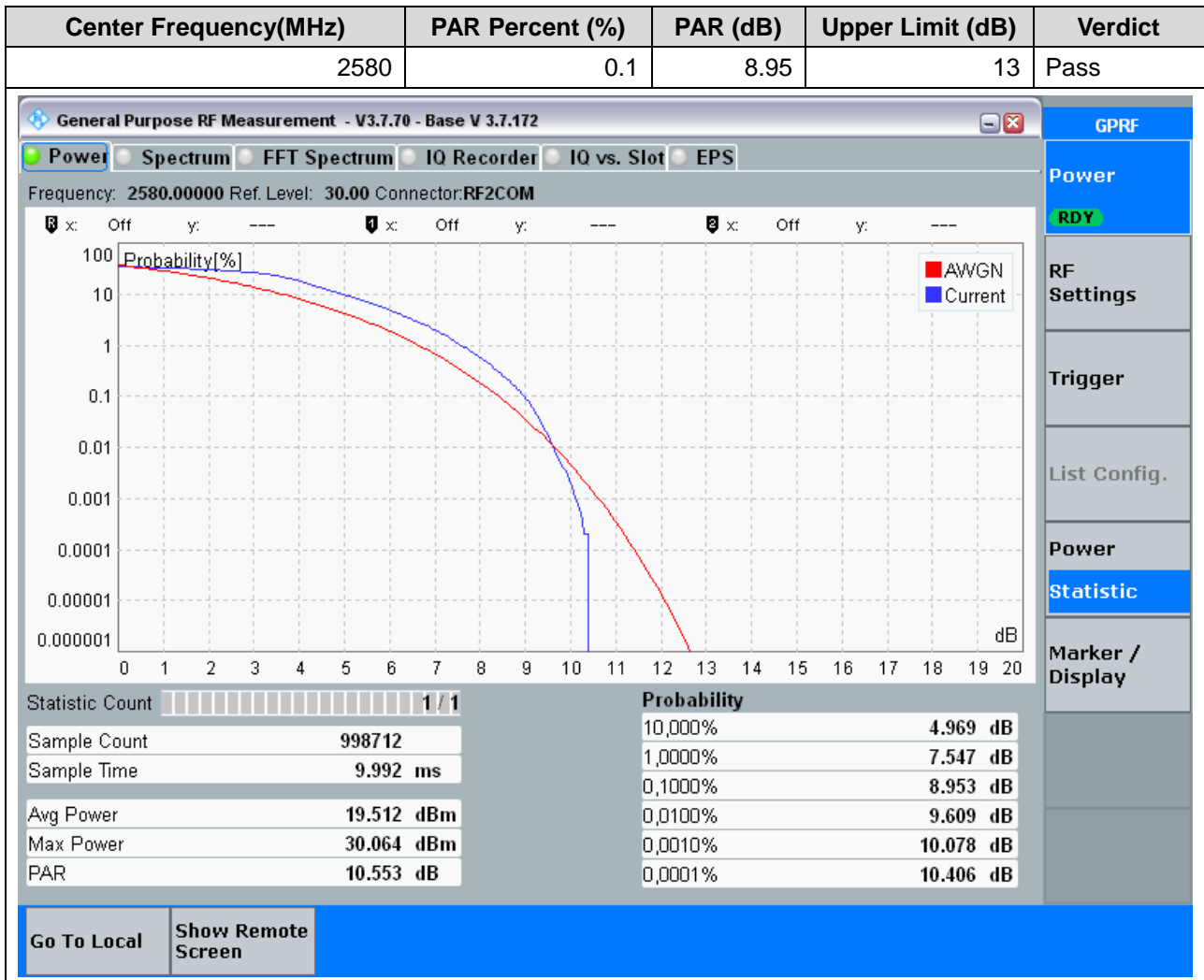


## 20. LTE\_Band38

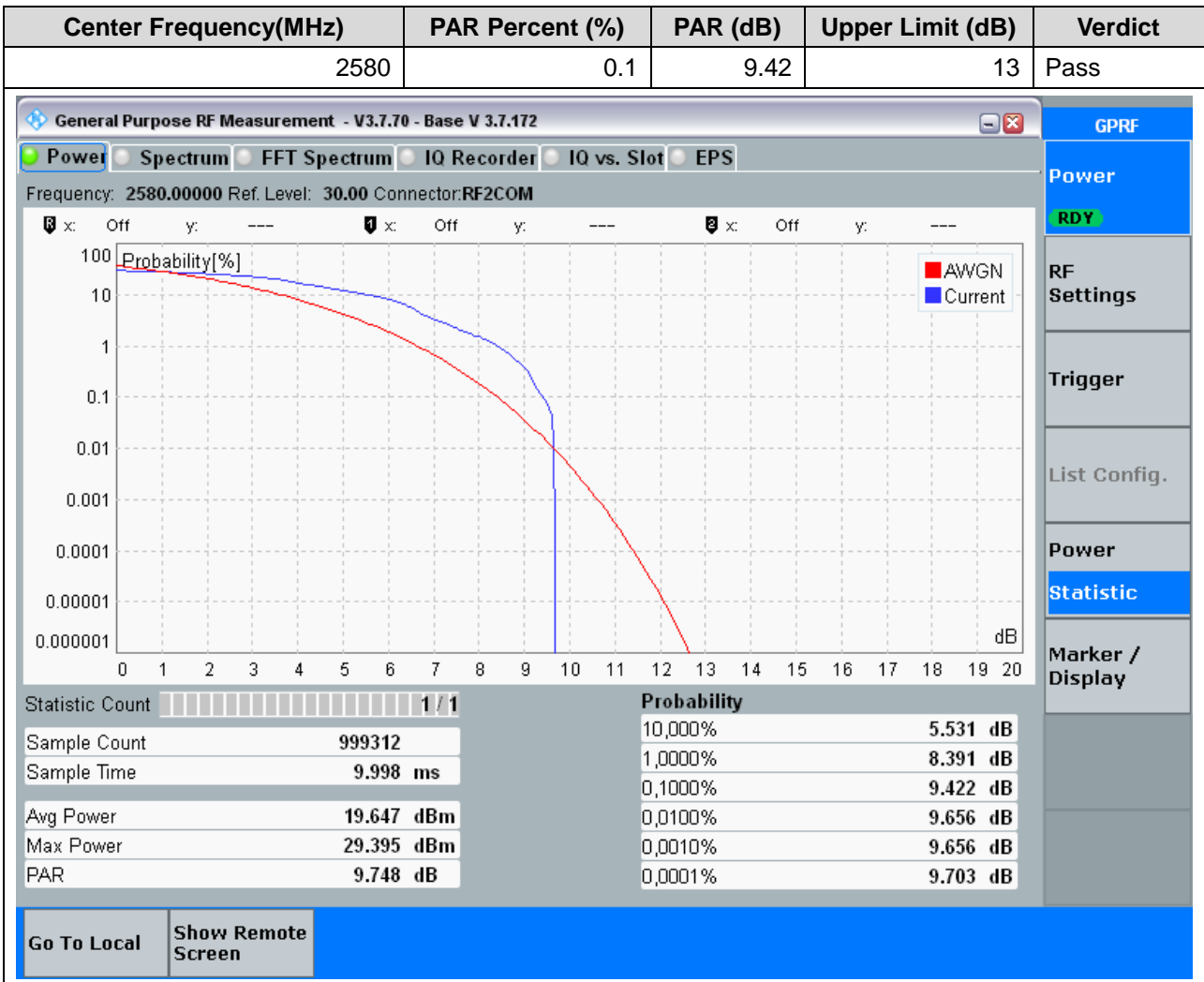
### 20.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



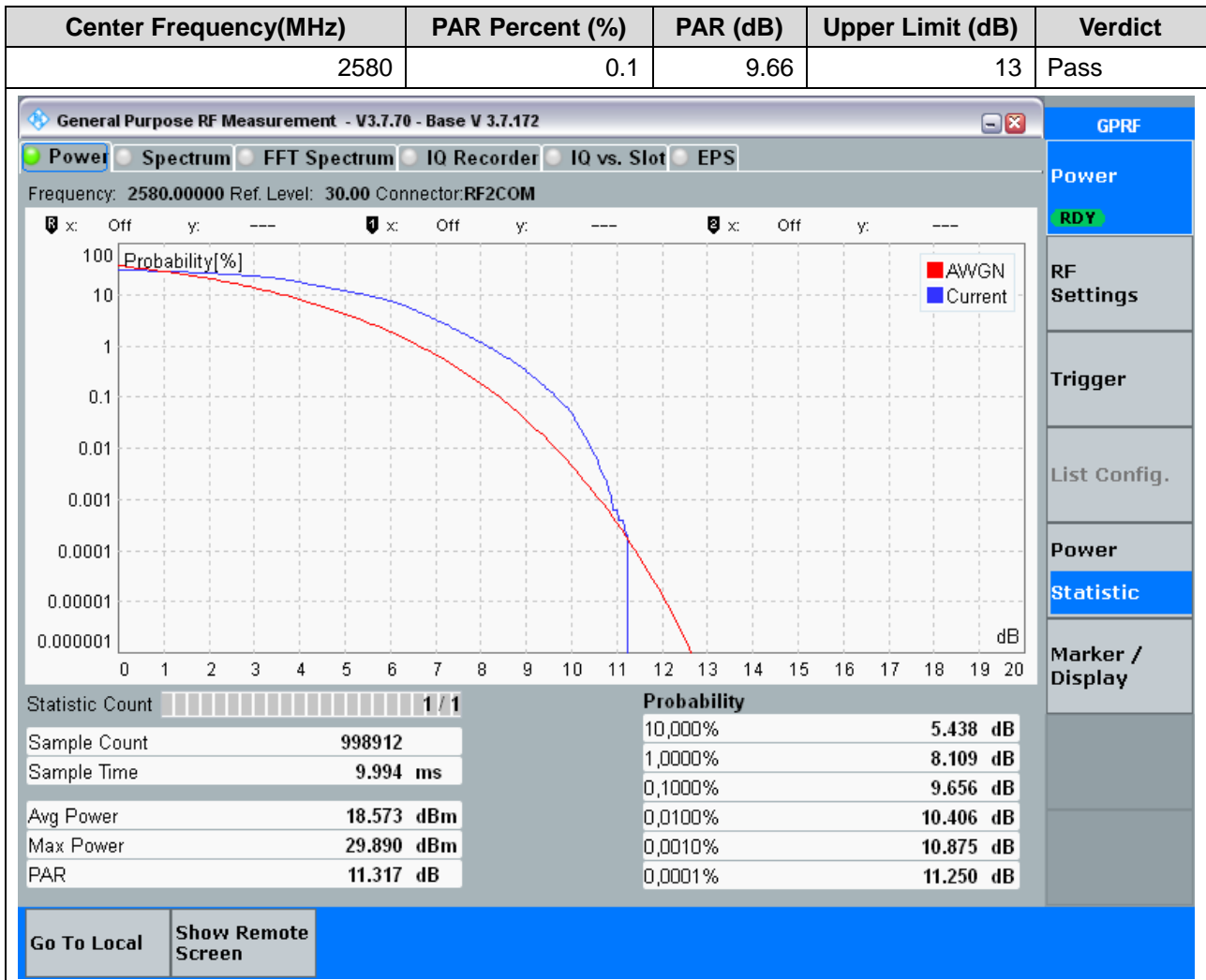
**20.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



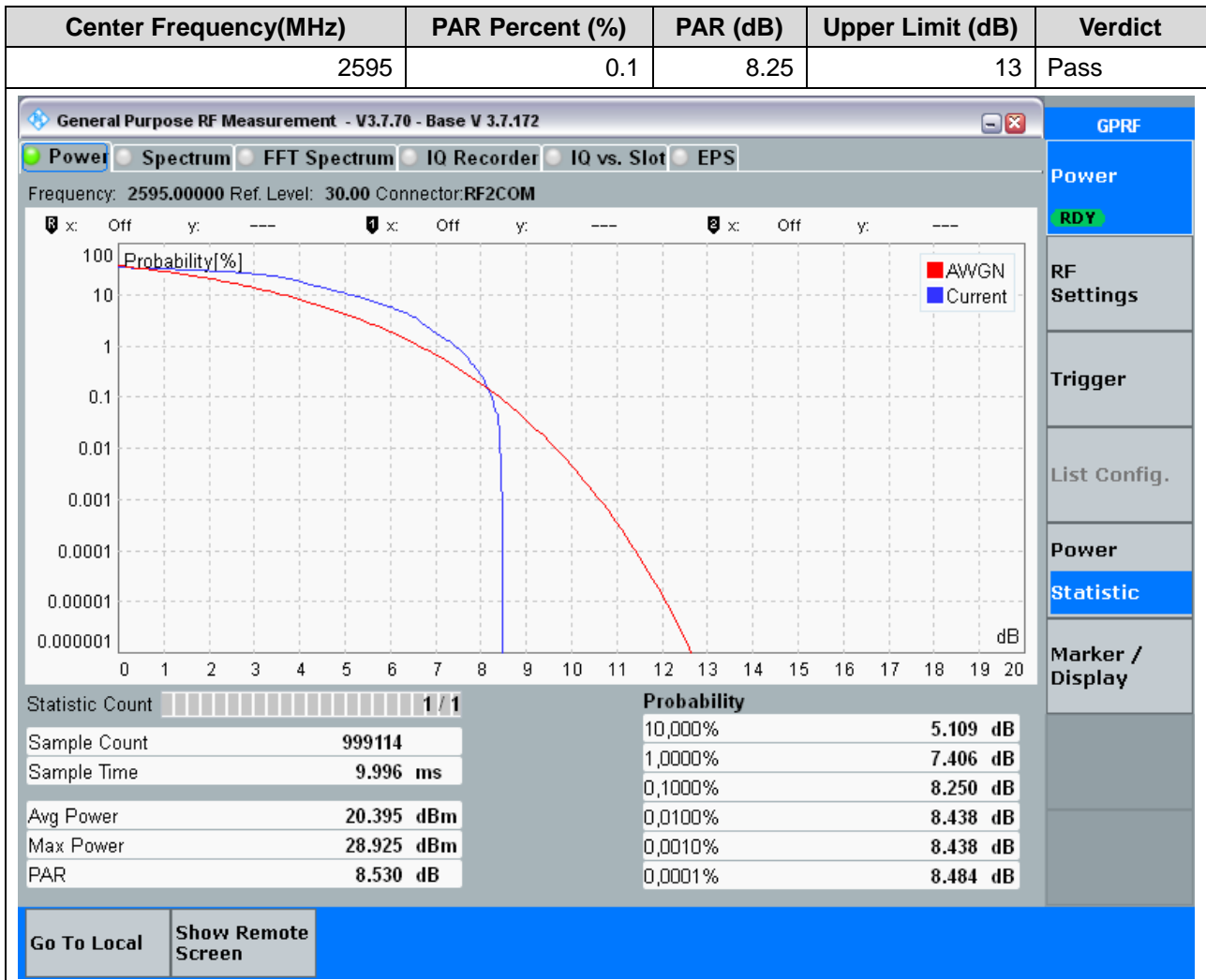
**20.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



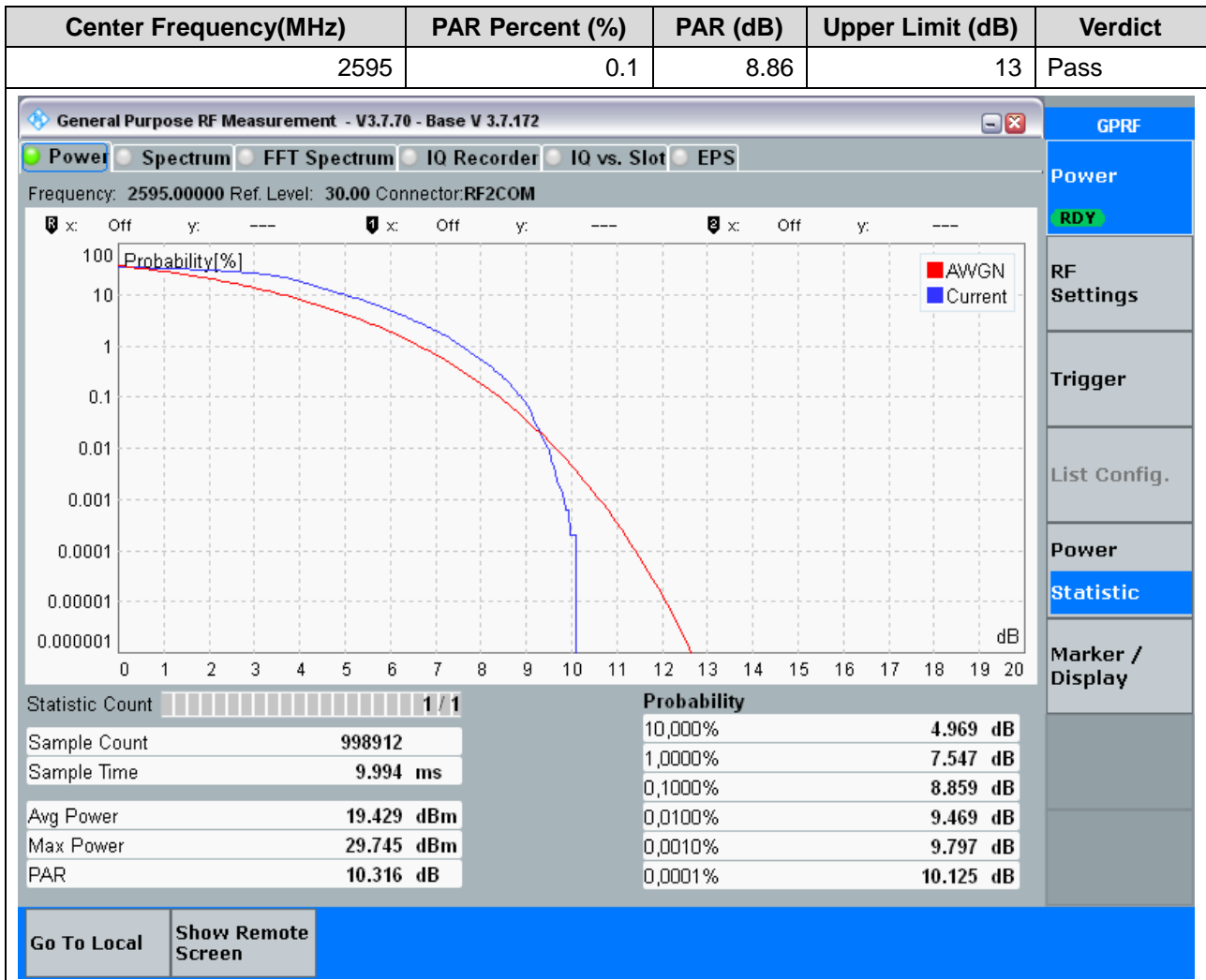
**20.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



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

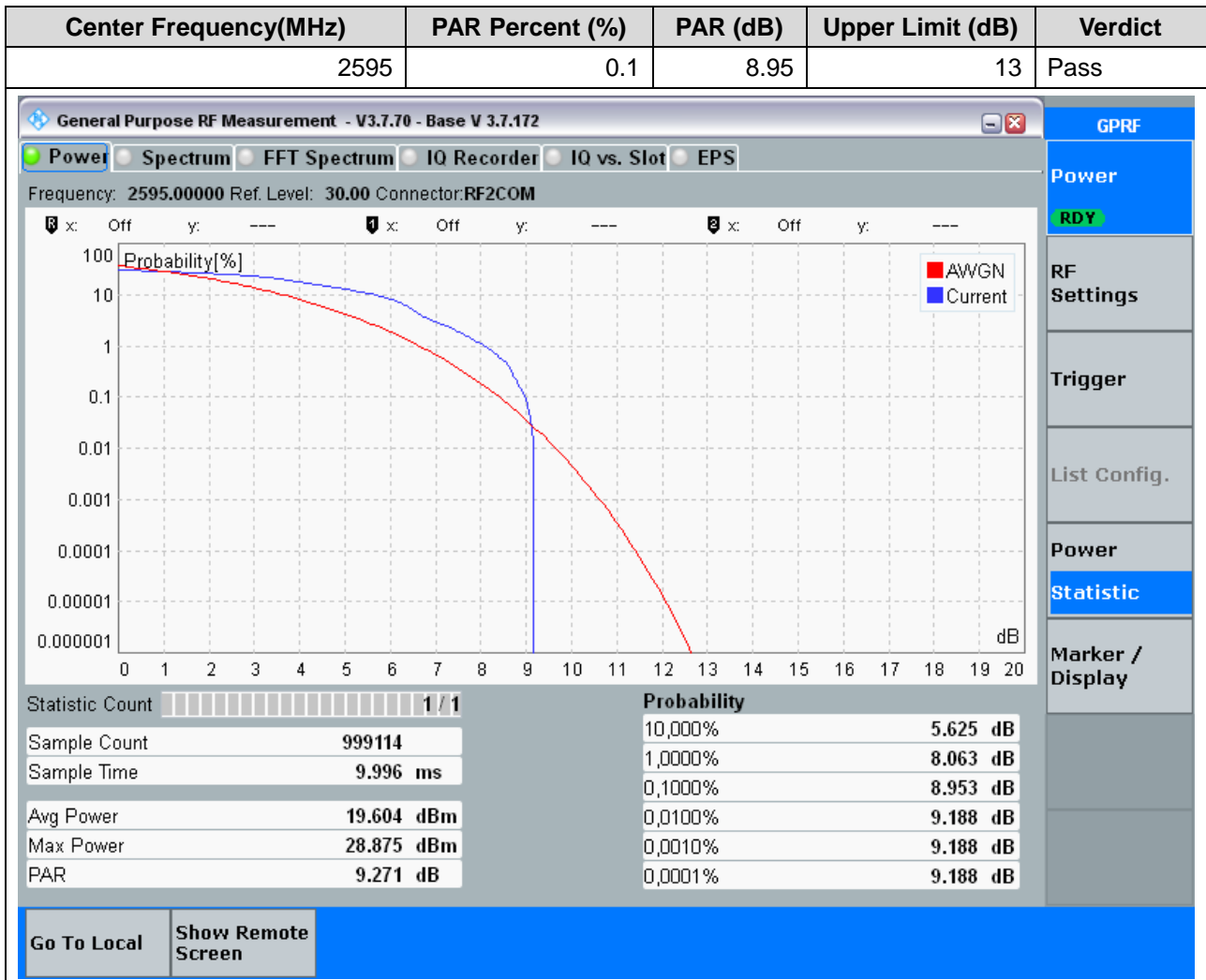


**20.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

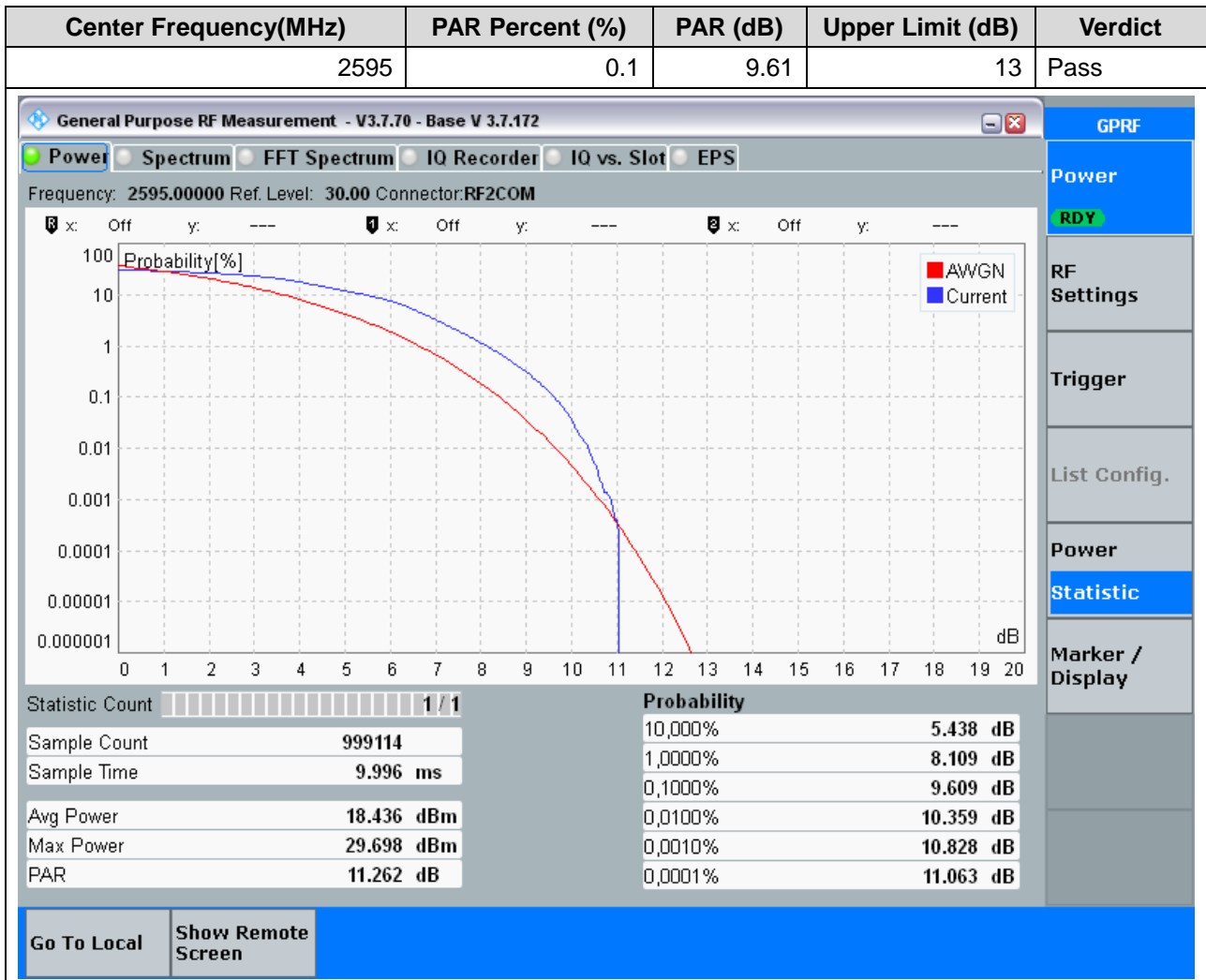




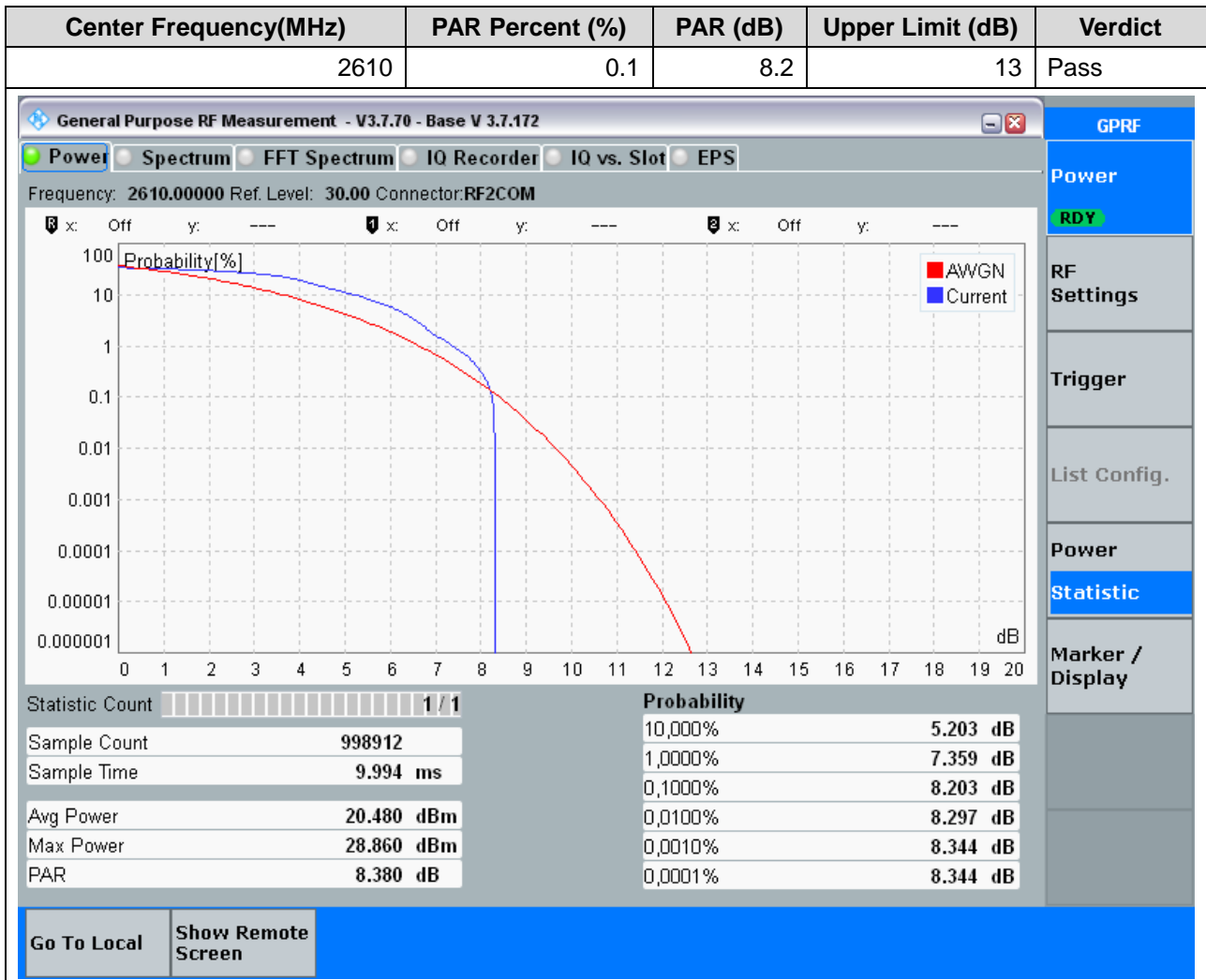
**20.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



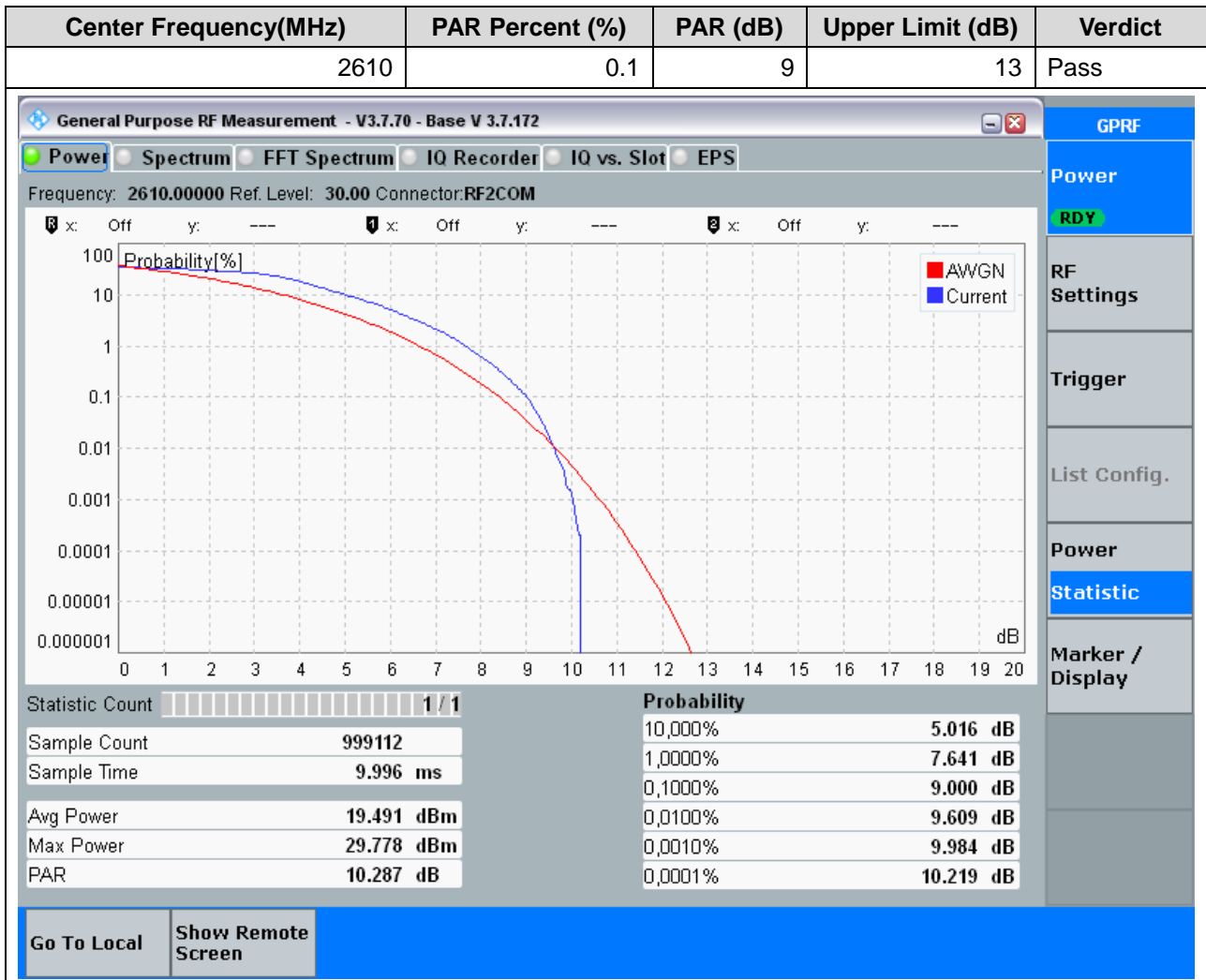
**20.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



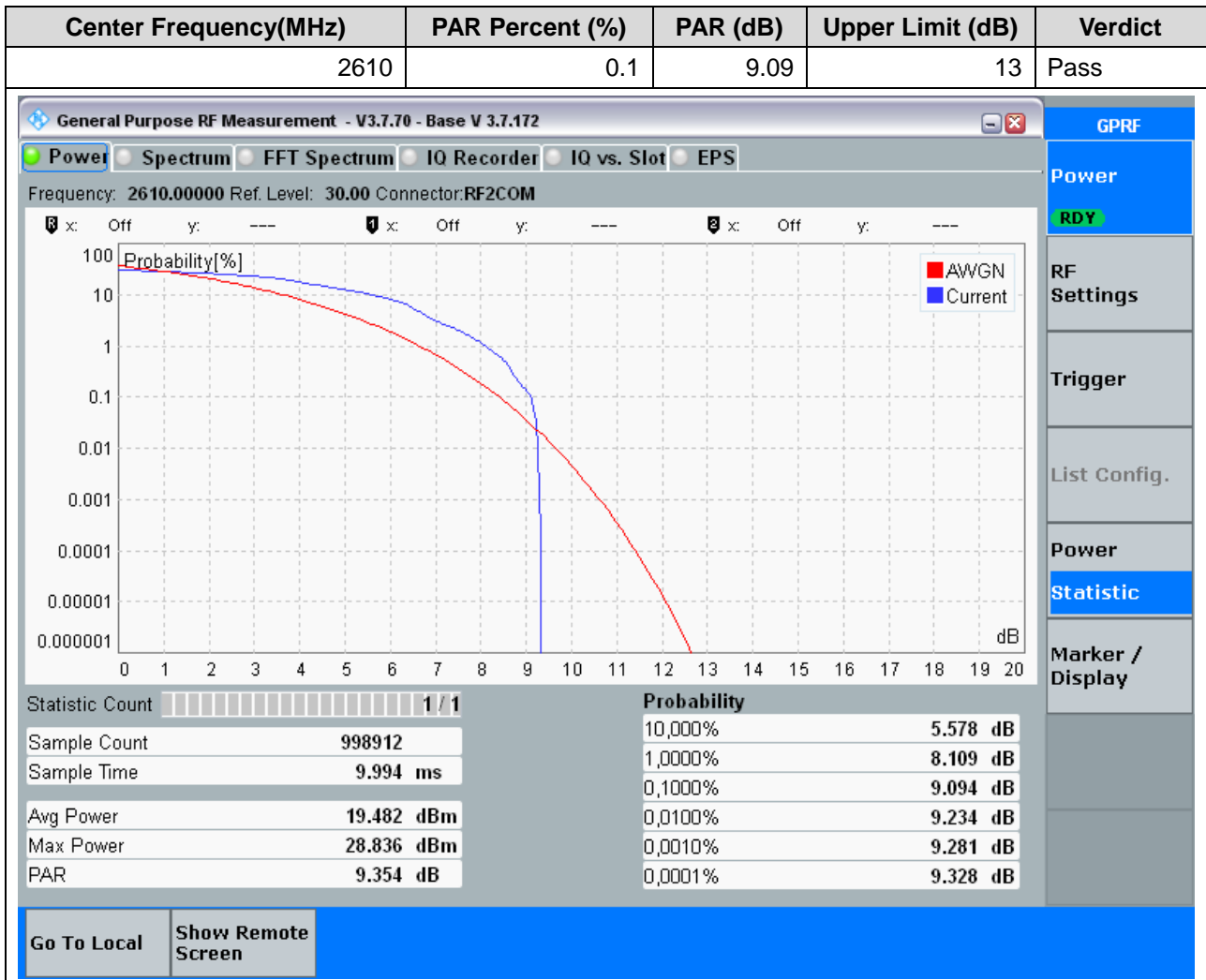
**20.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



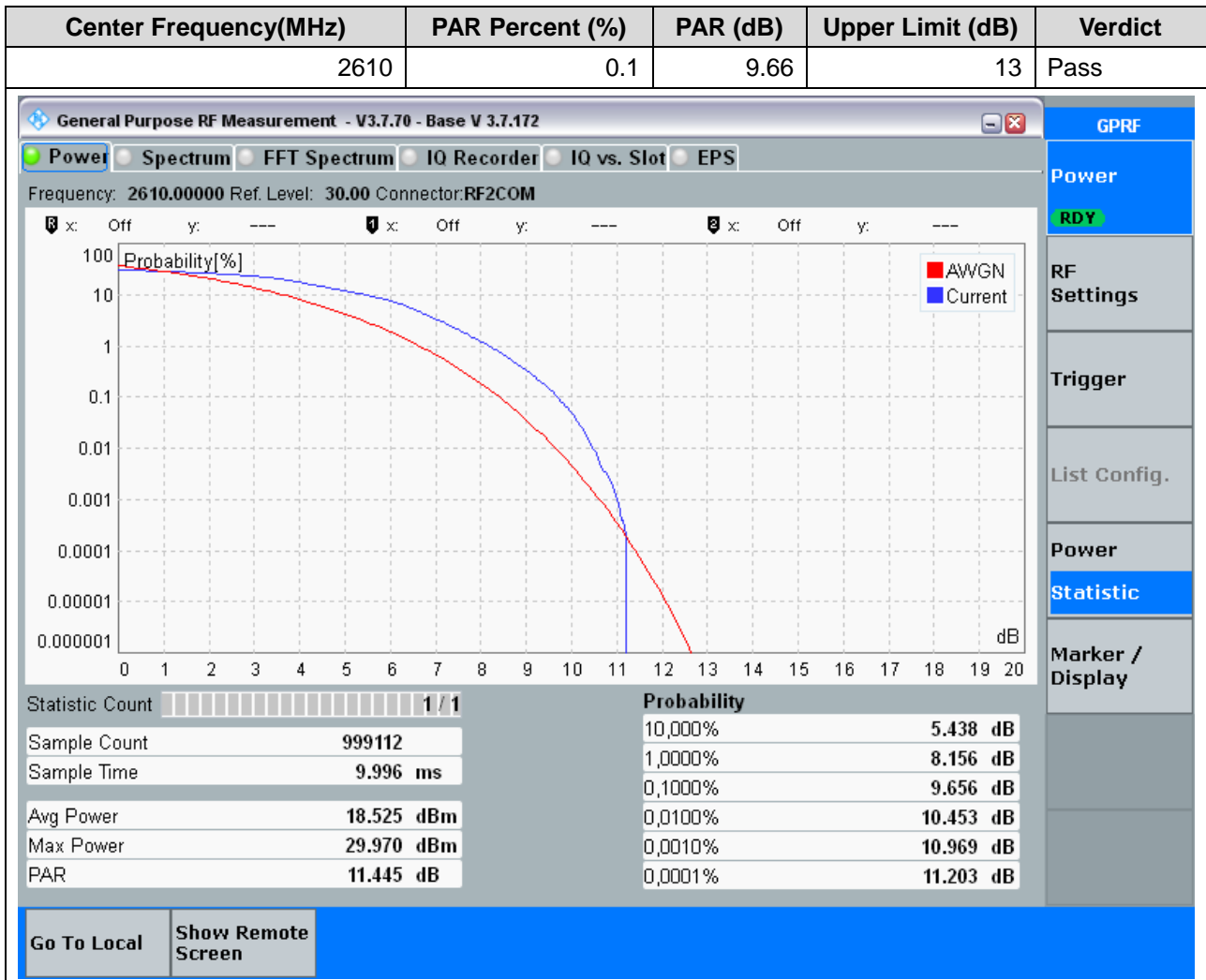
**20.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



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

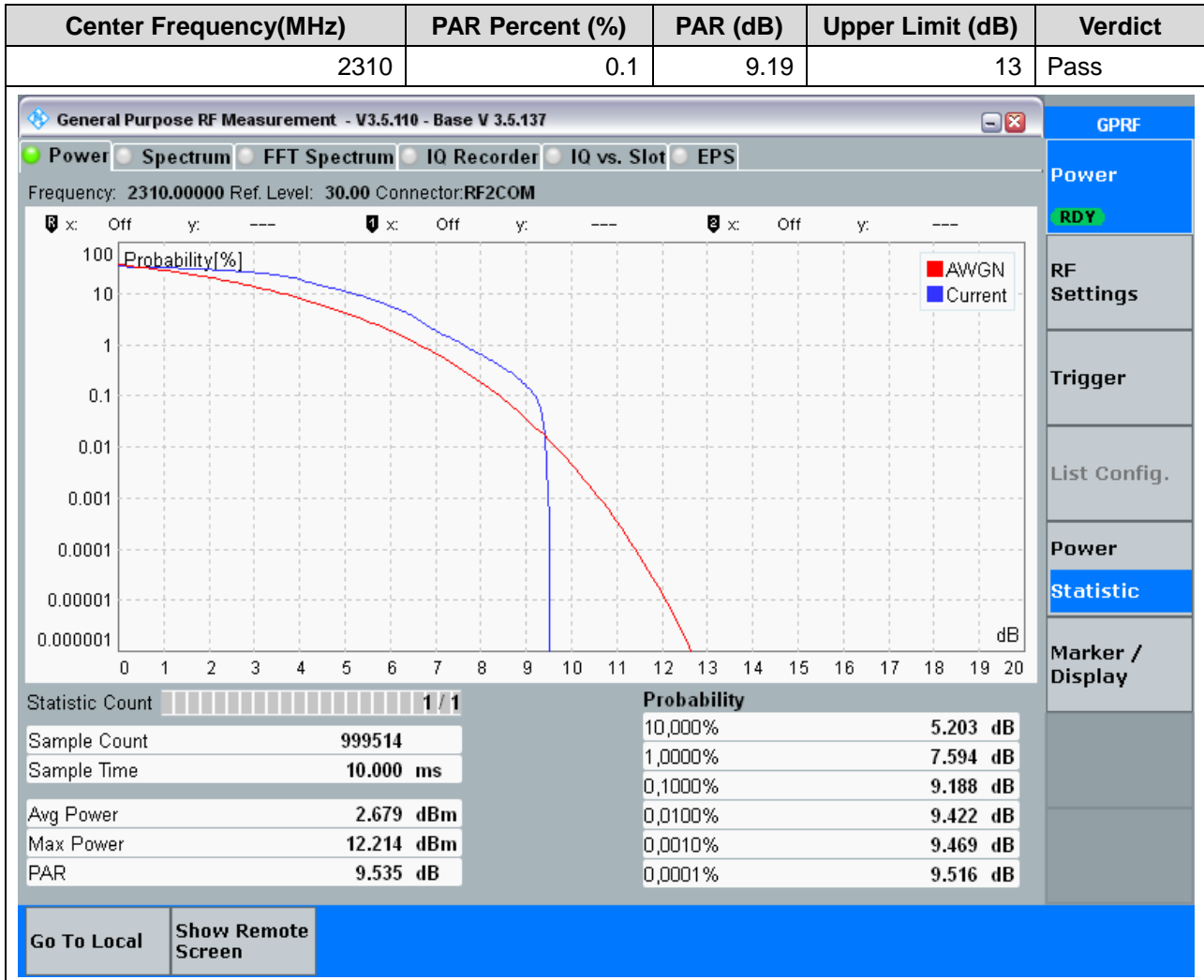


**20.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

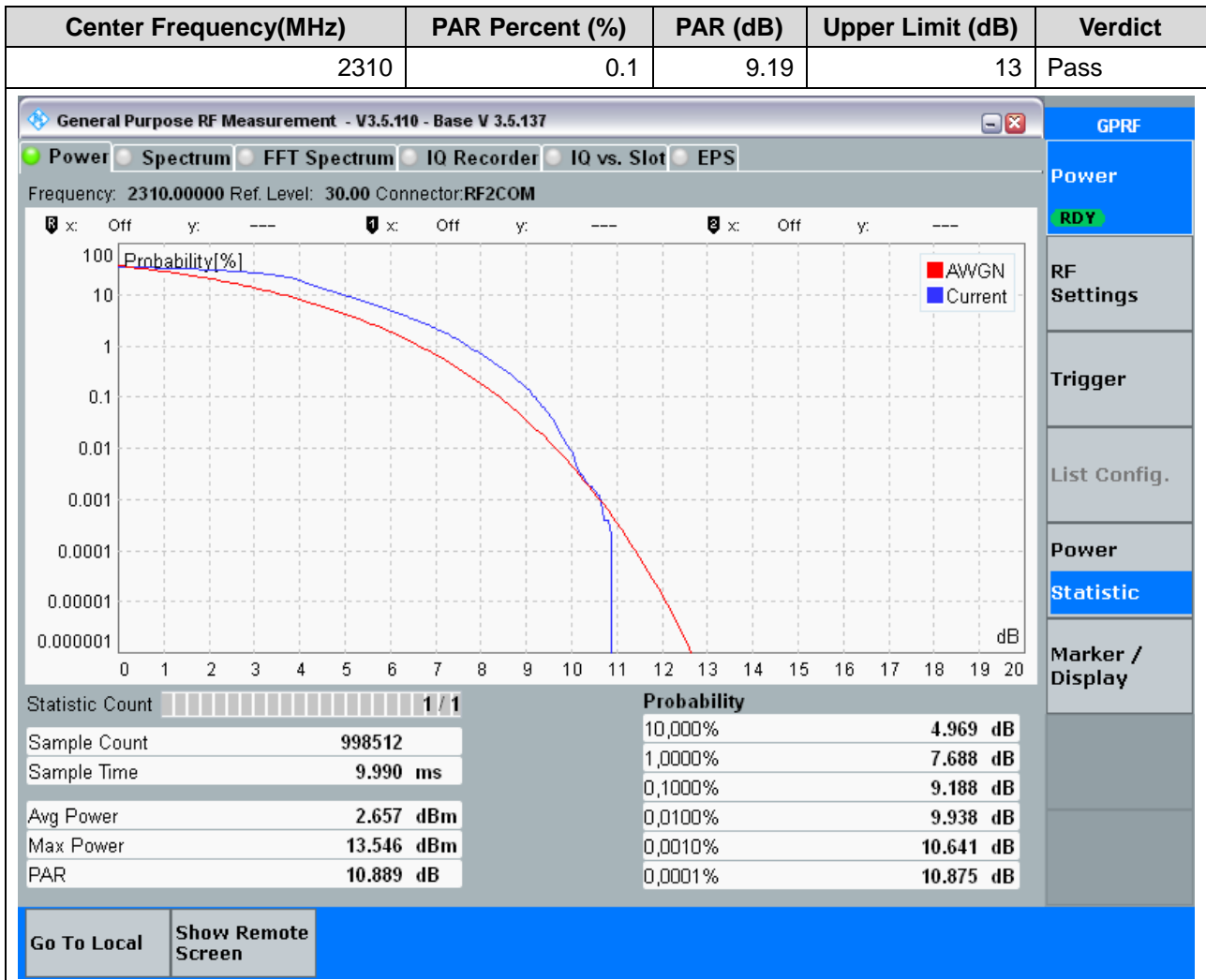


## 21. LTE\_Band40(2305-2315MHz)

### 21.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:38750, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

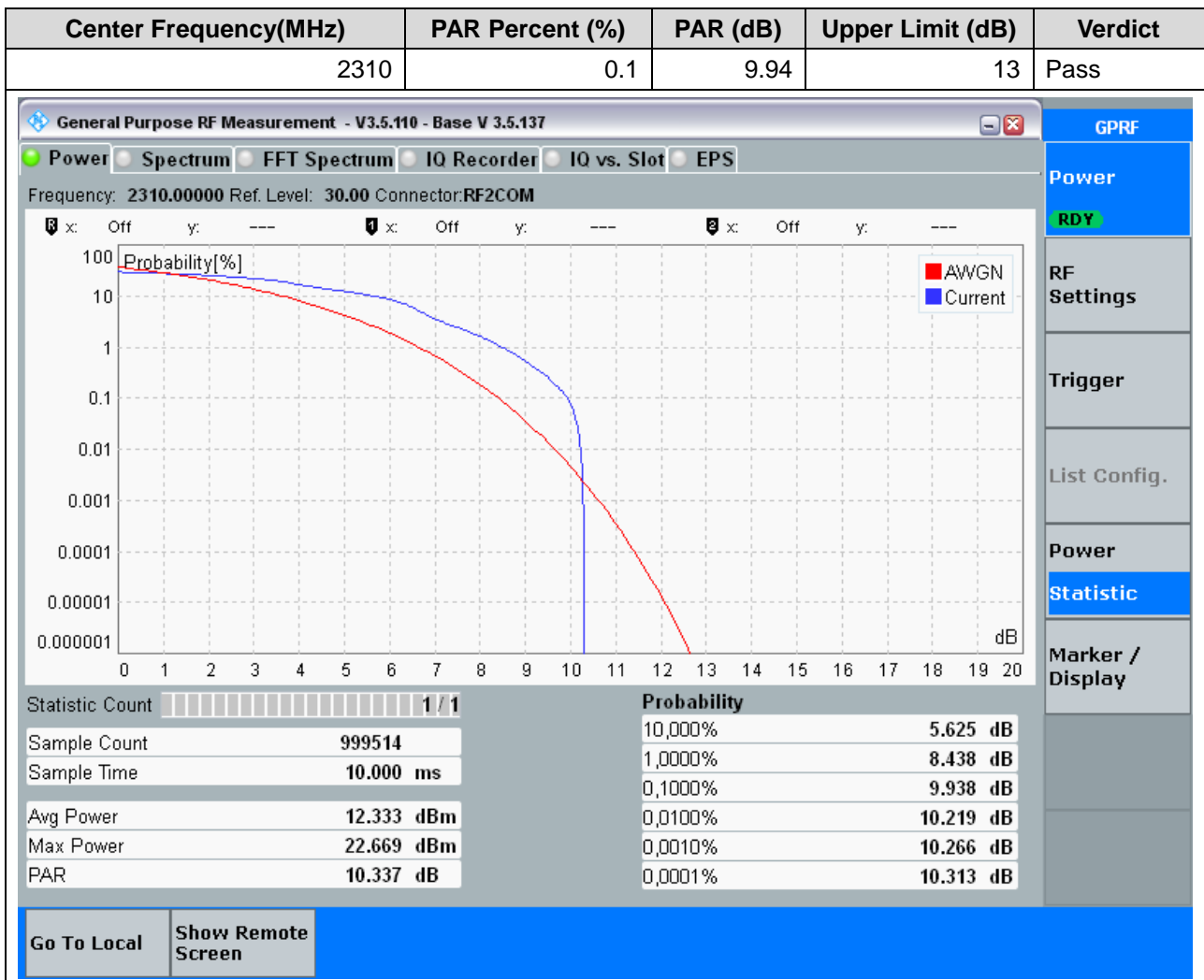


**21.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:38750, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

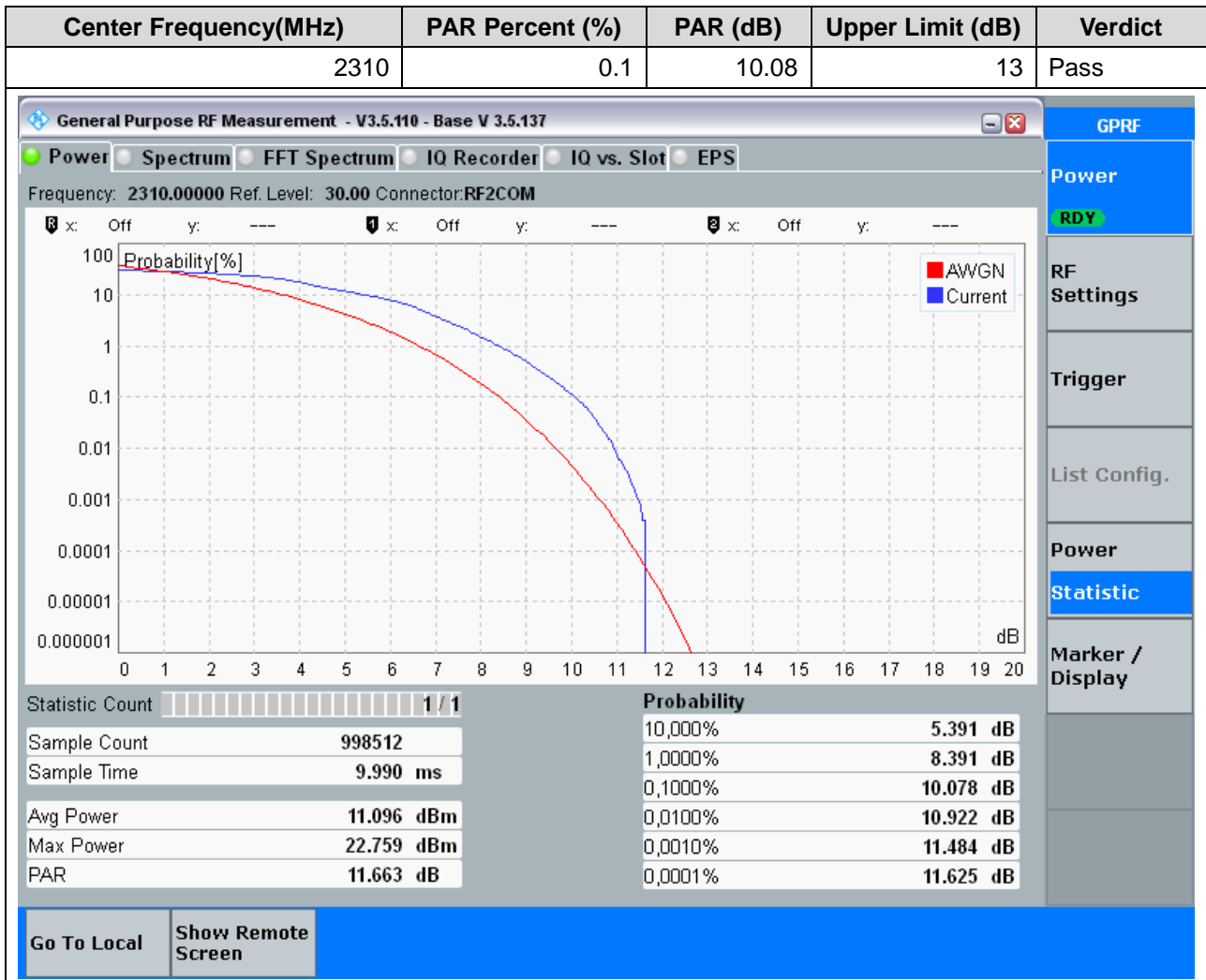




### 21.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:38750, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

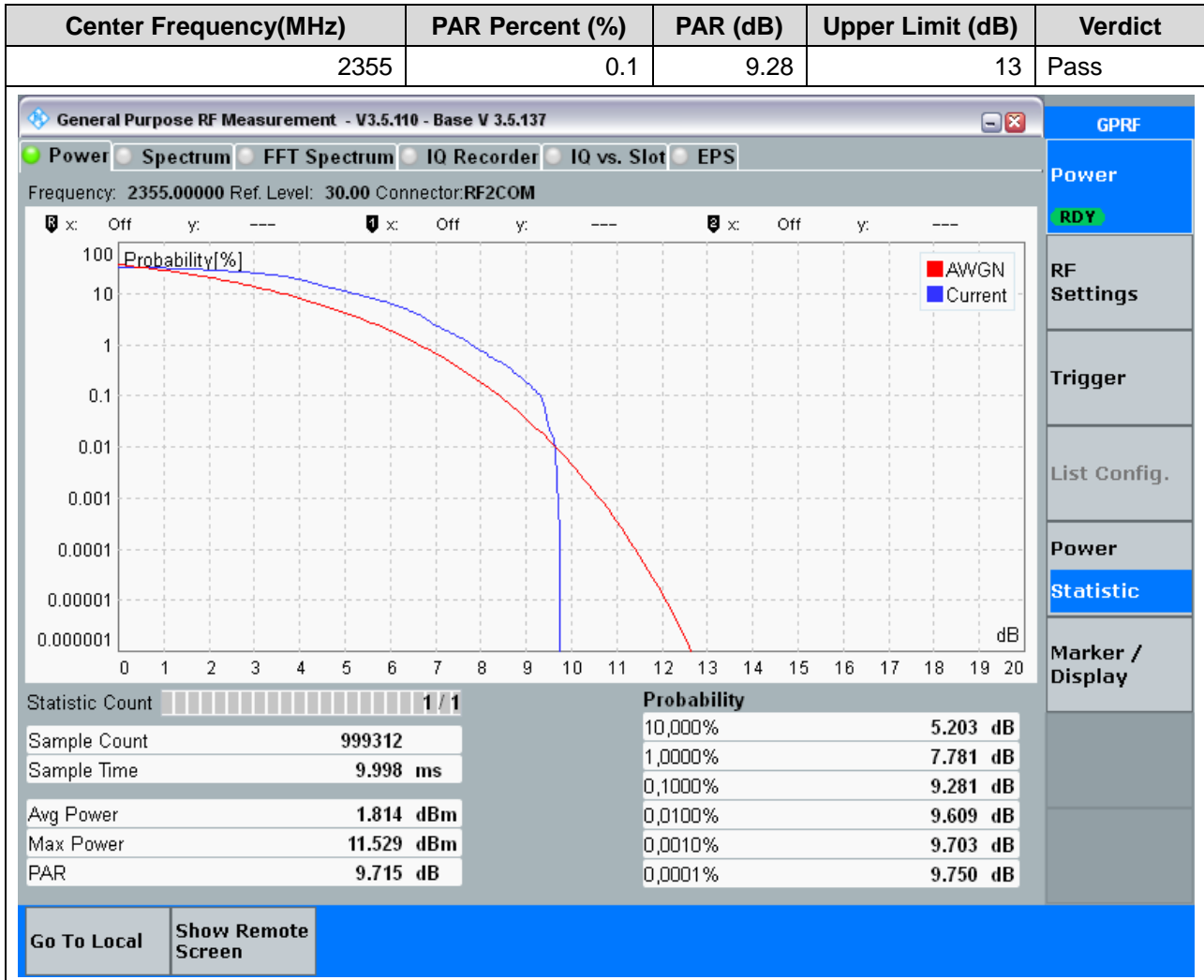


**21.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:38750, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

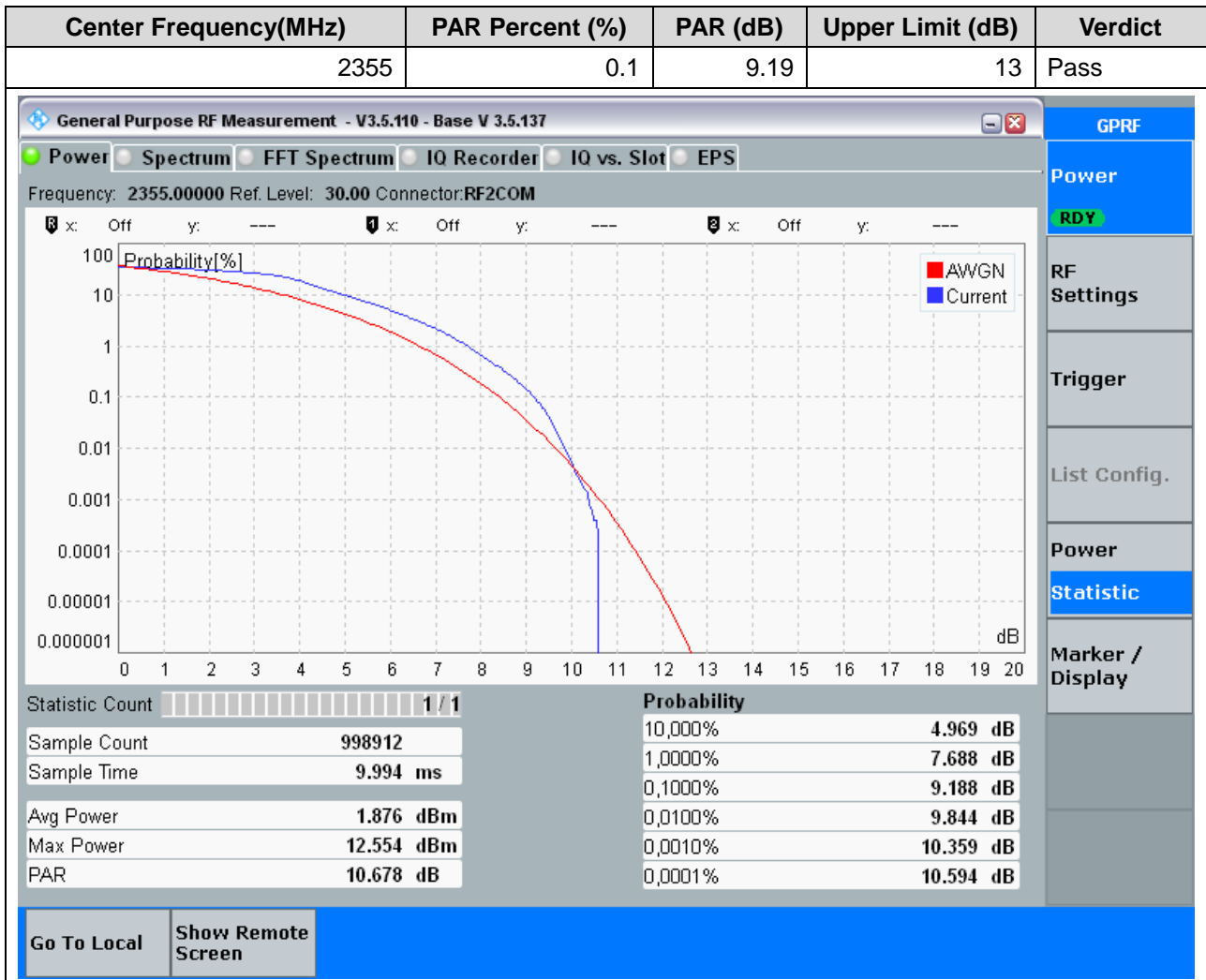


## 22. LTE\_Band40(2350-2360MHz)

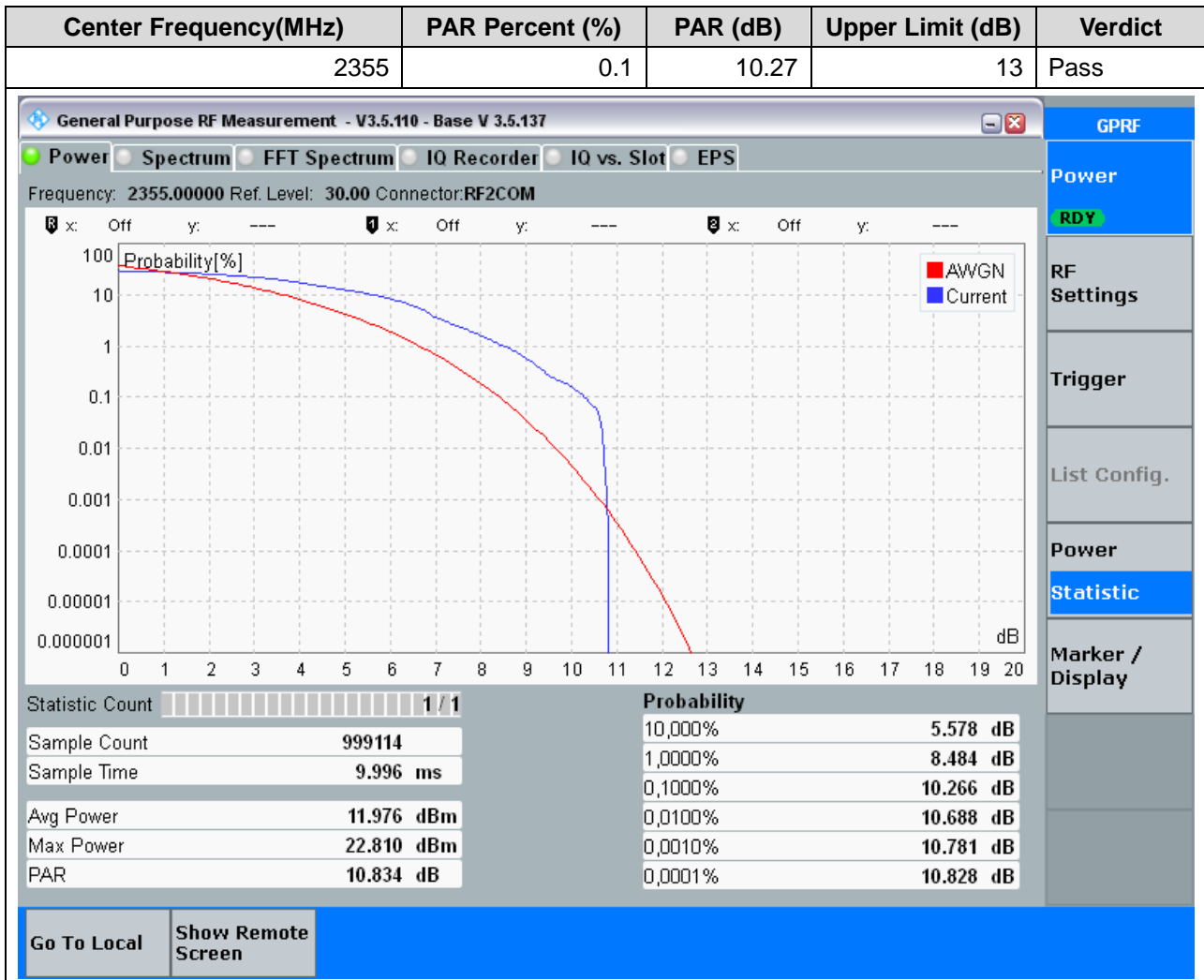
### 22.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



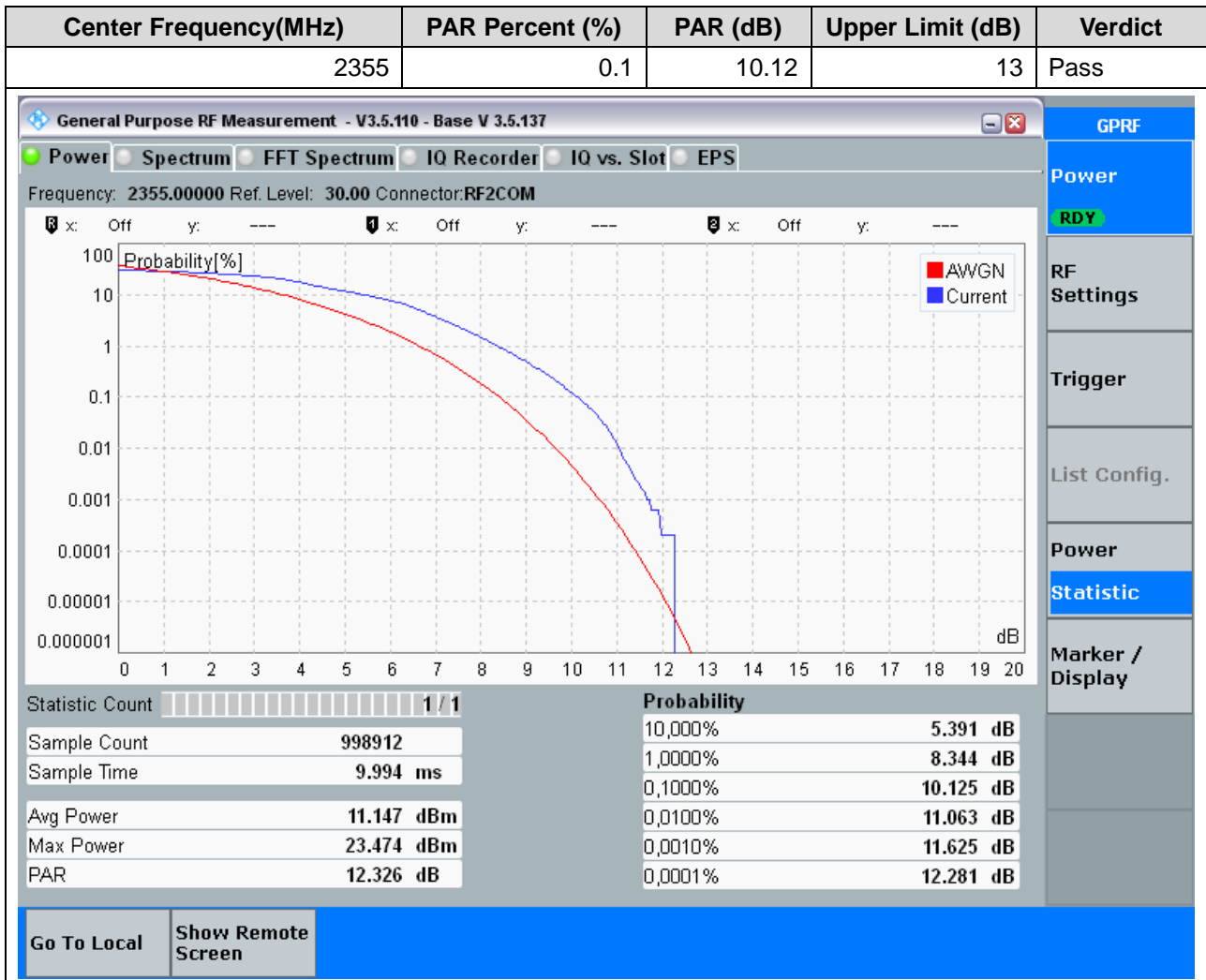
**22.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



### 22.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:39200, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

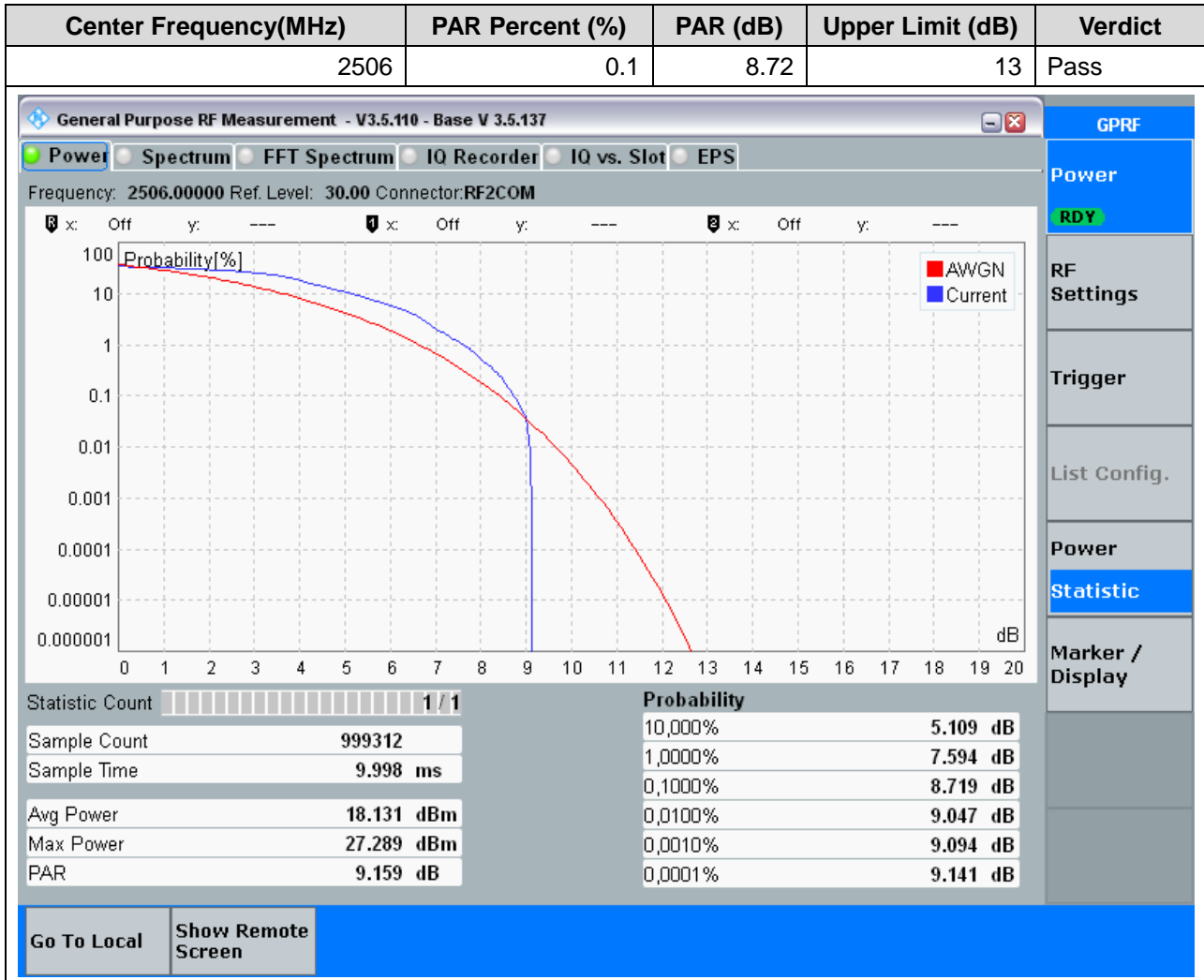


**22.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:39200, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

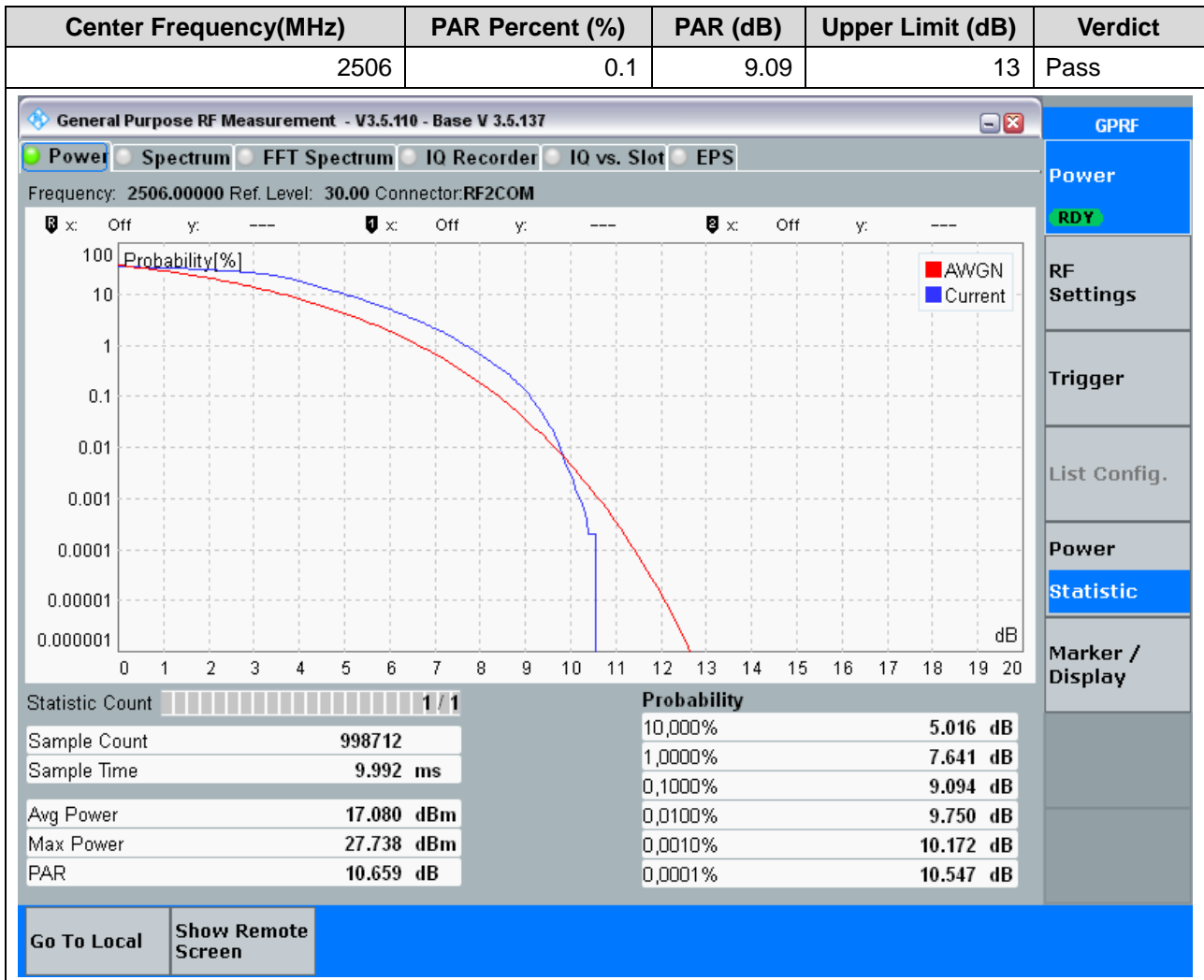


## 23. LTE\_Band41 full

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

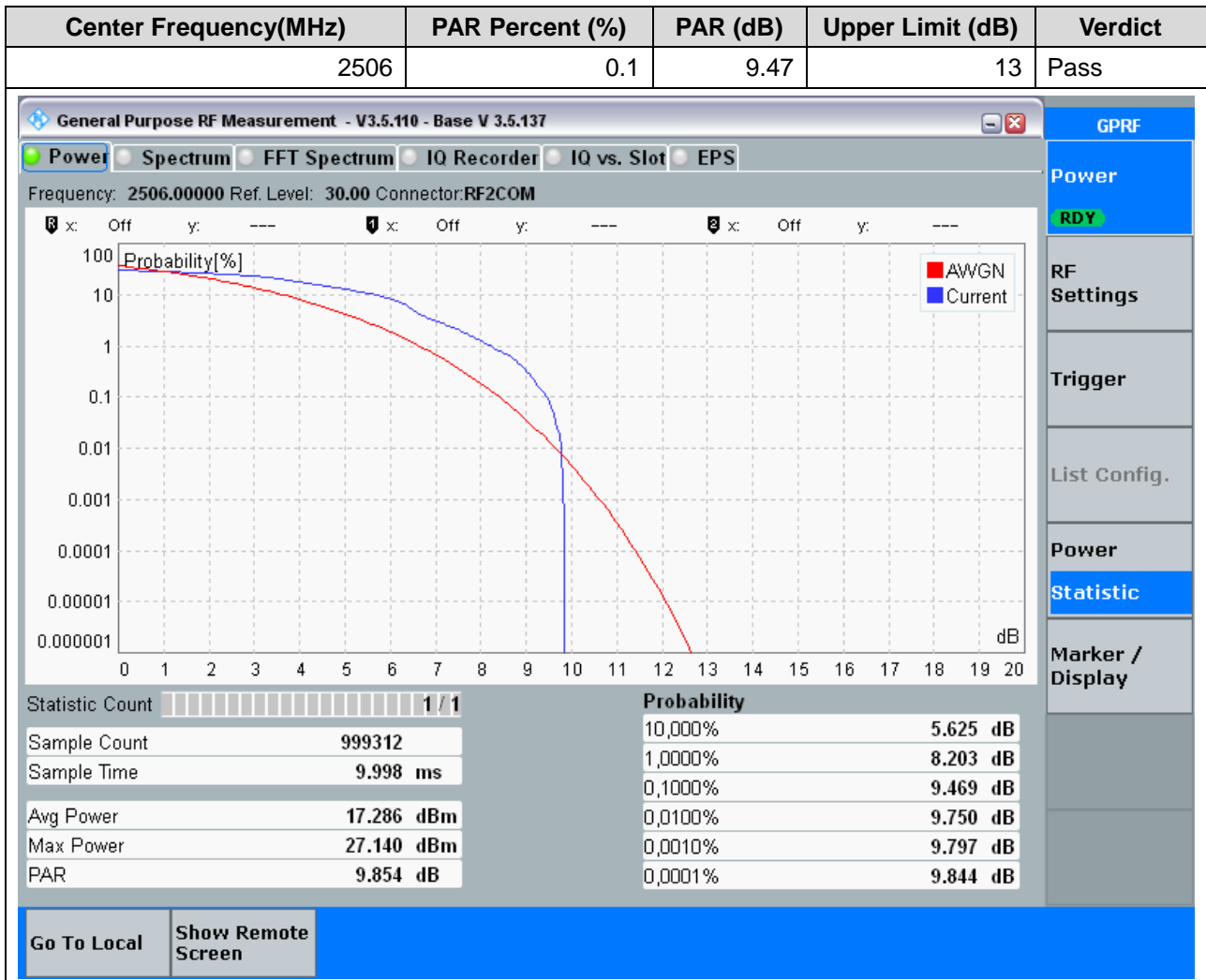


**23.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

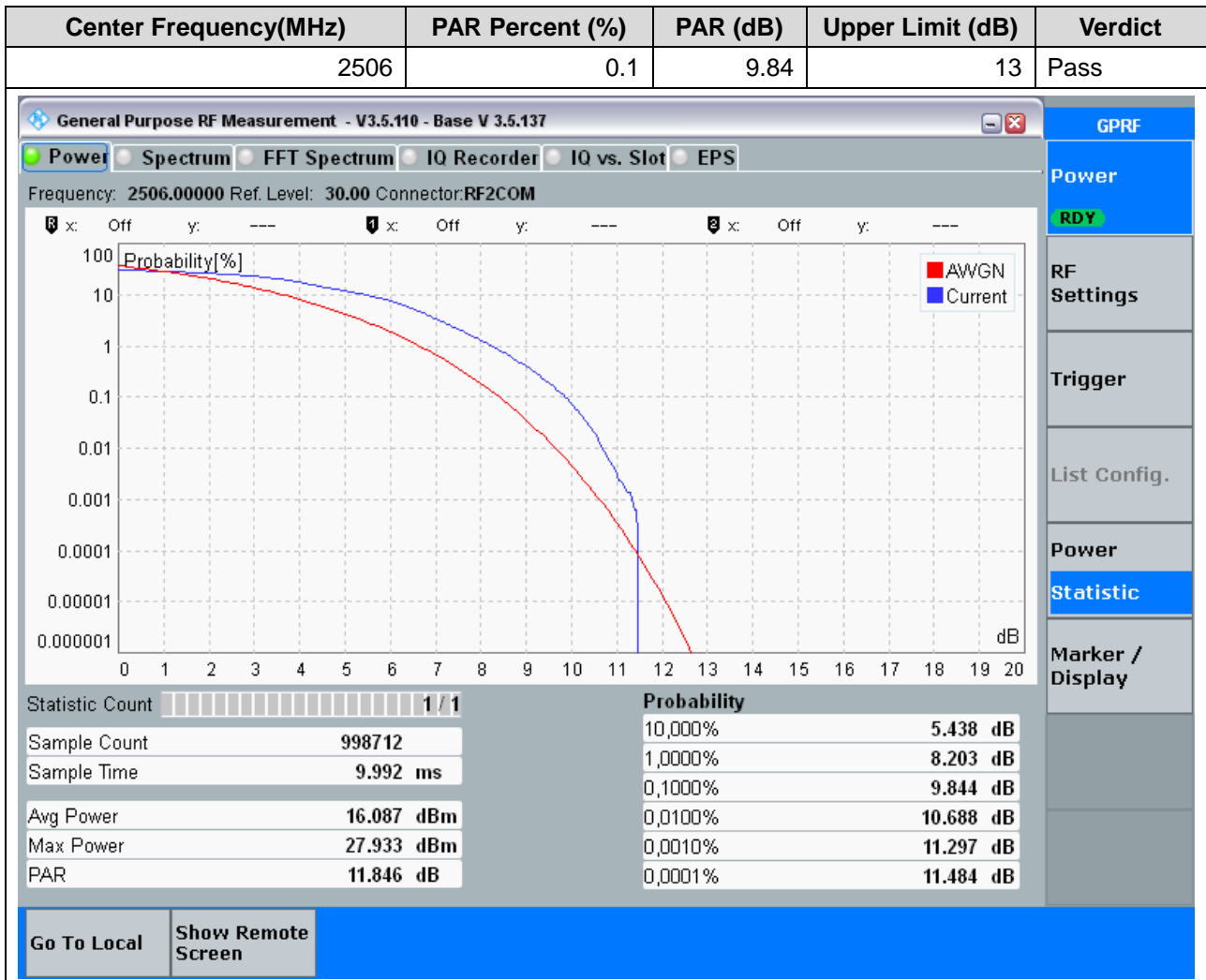




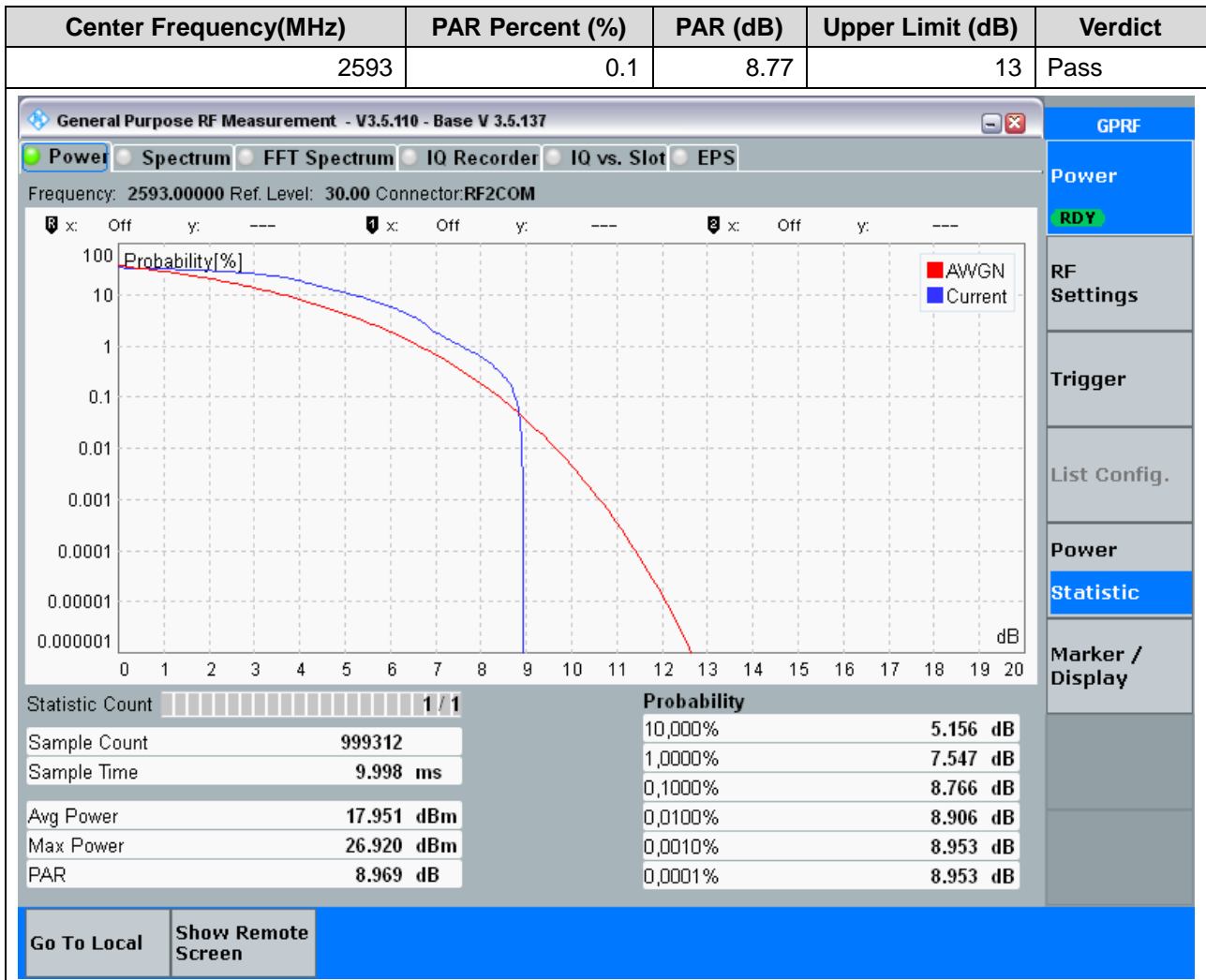
### 23.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



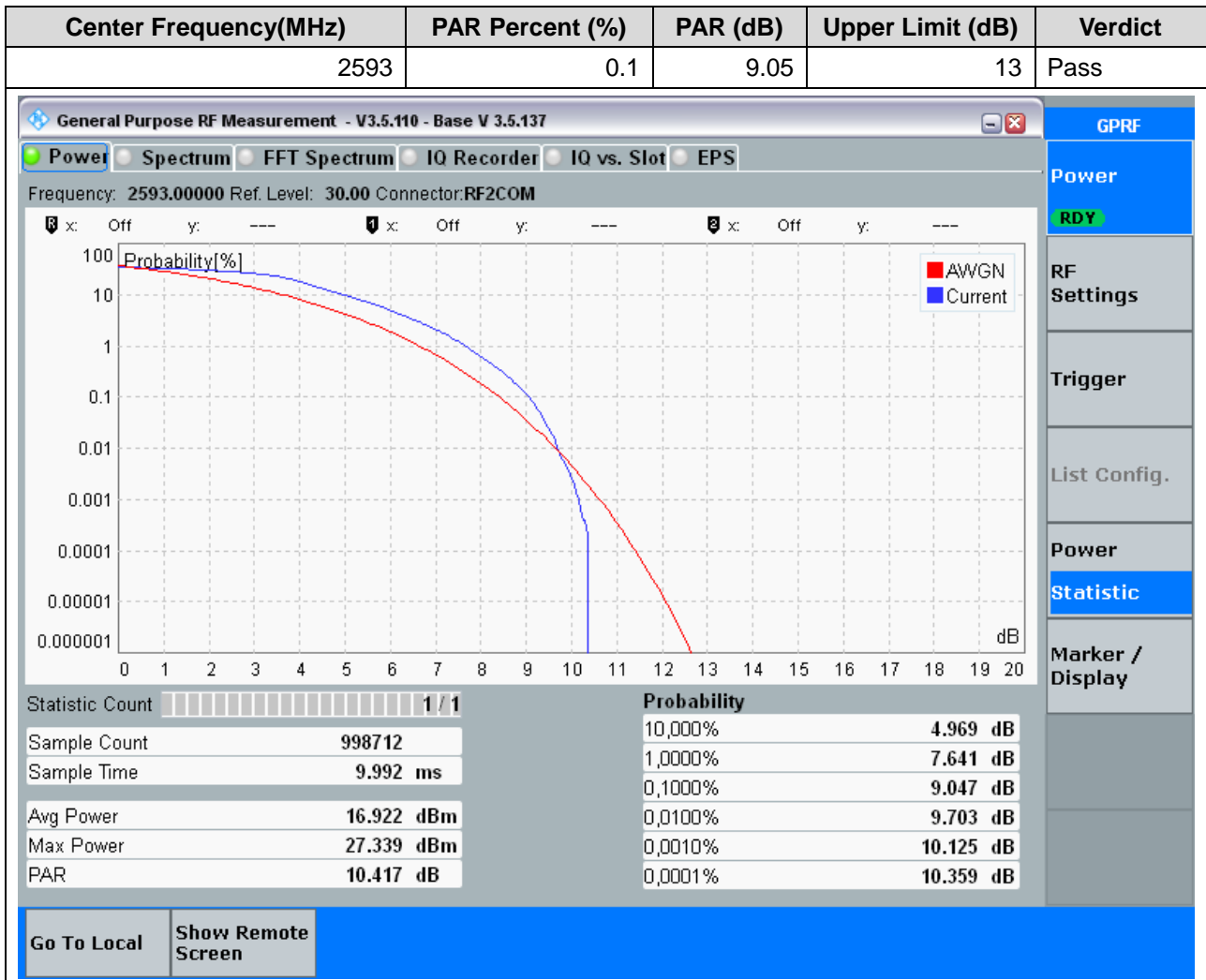
**23.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



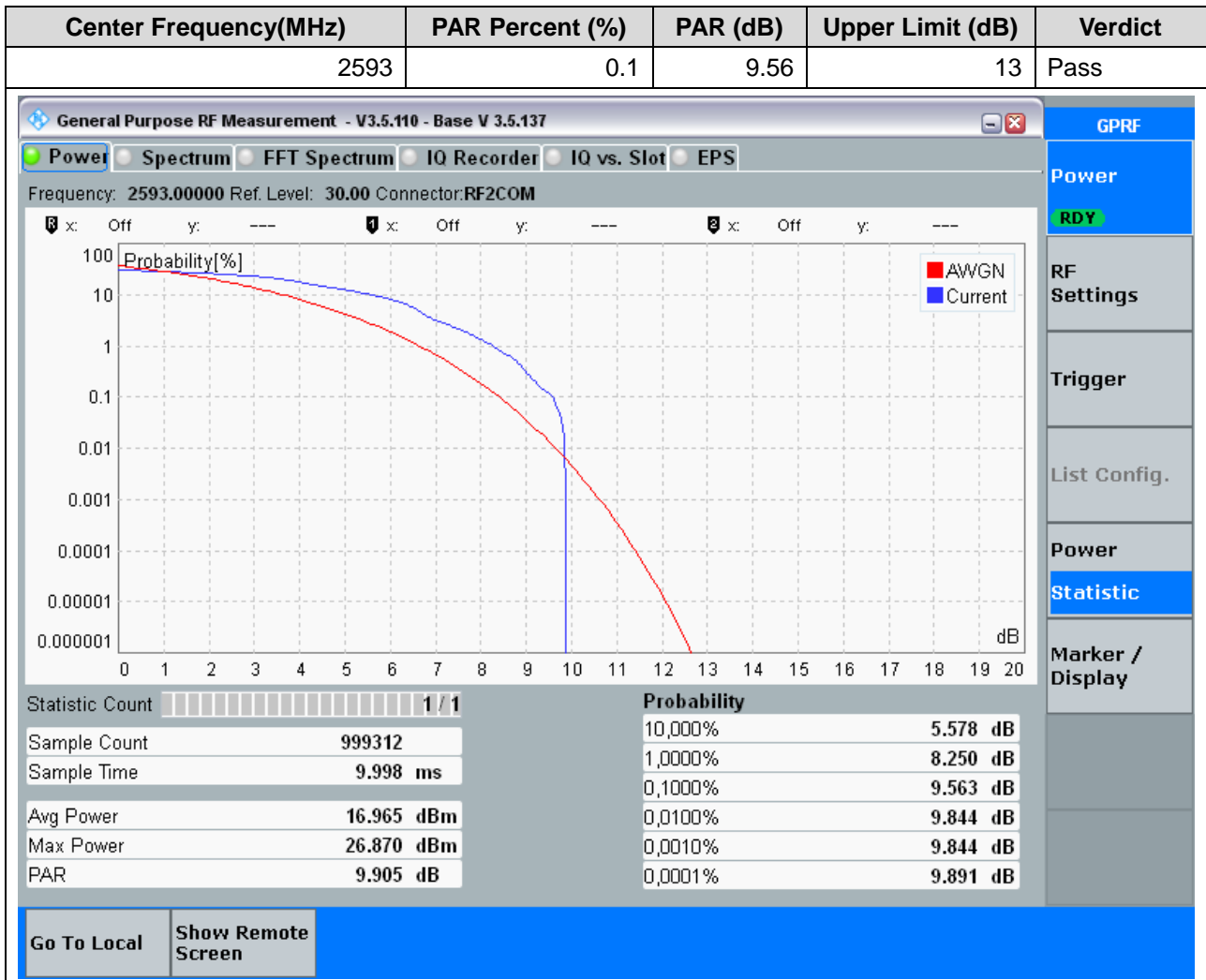
**23.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**



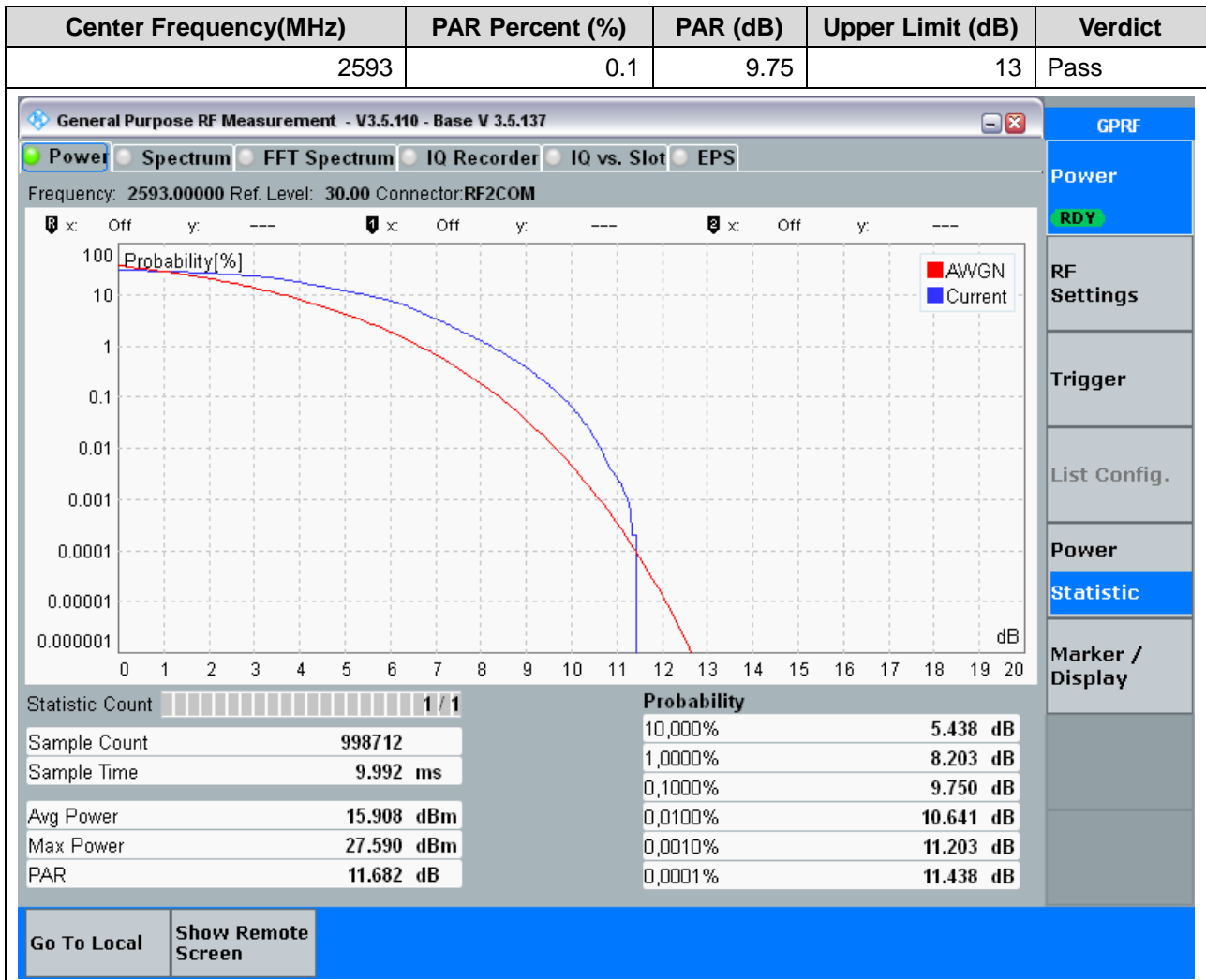
**23.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



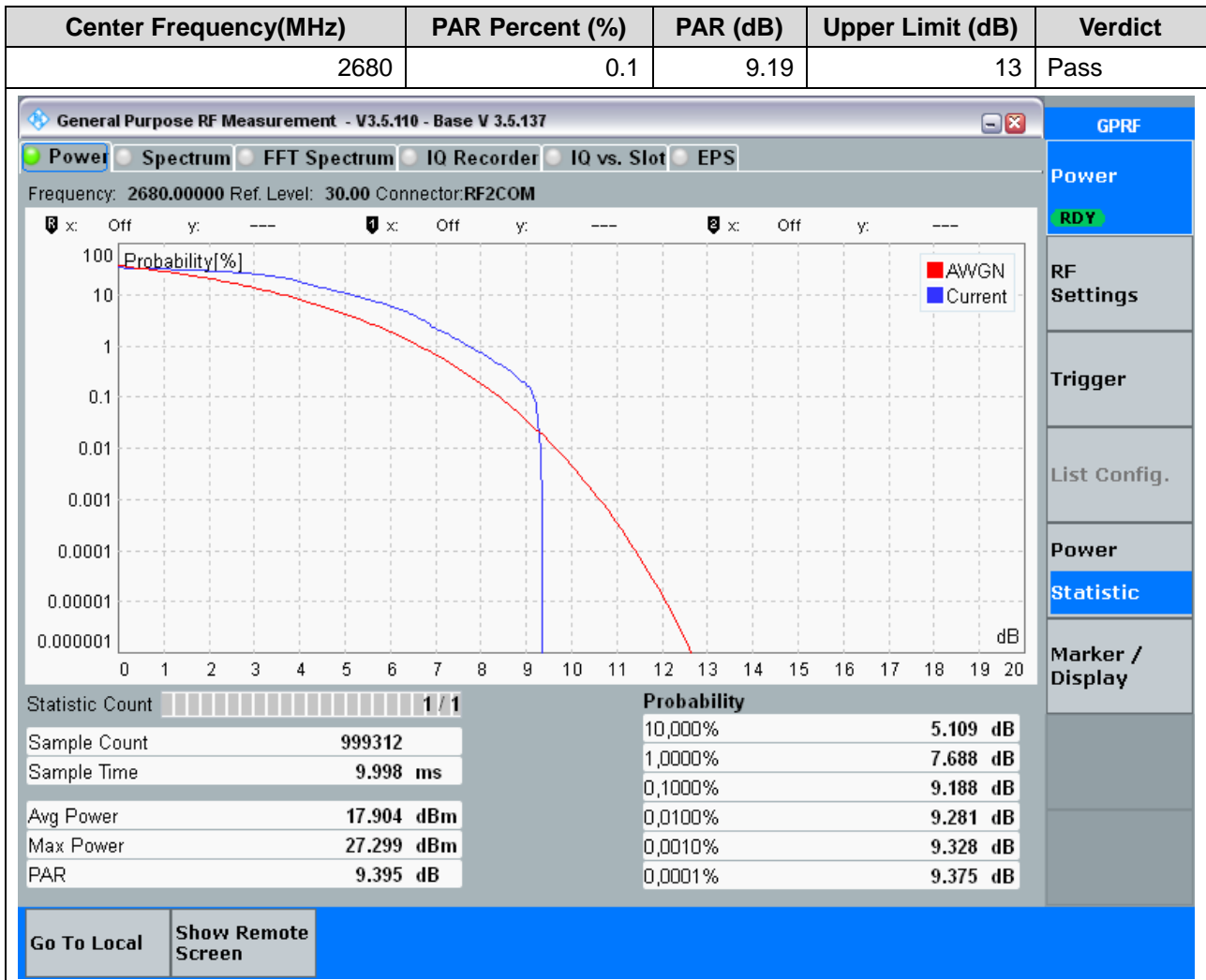
**23.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



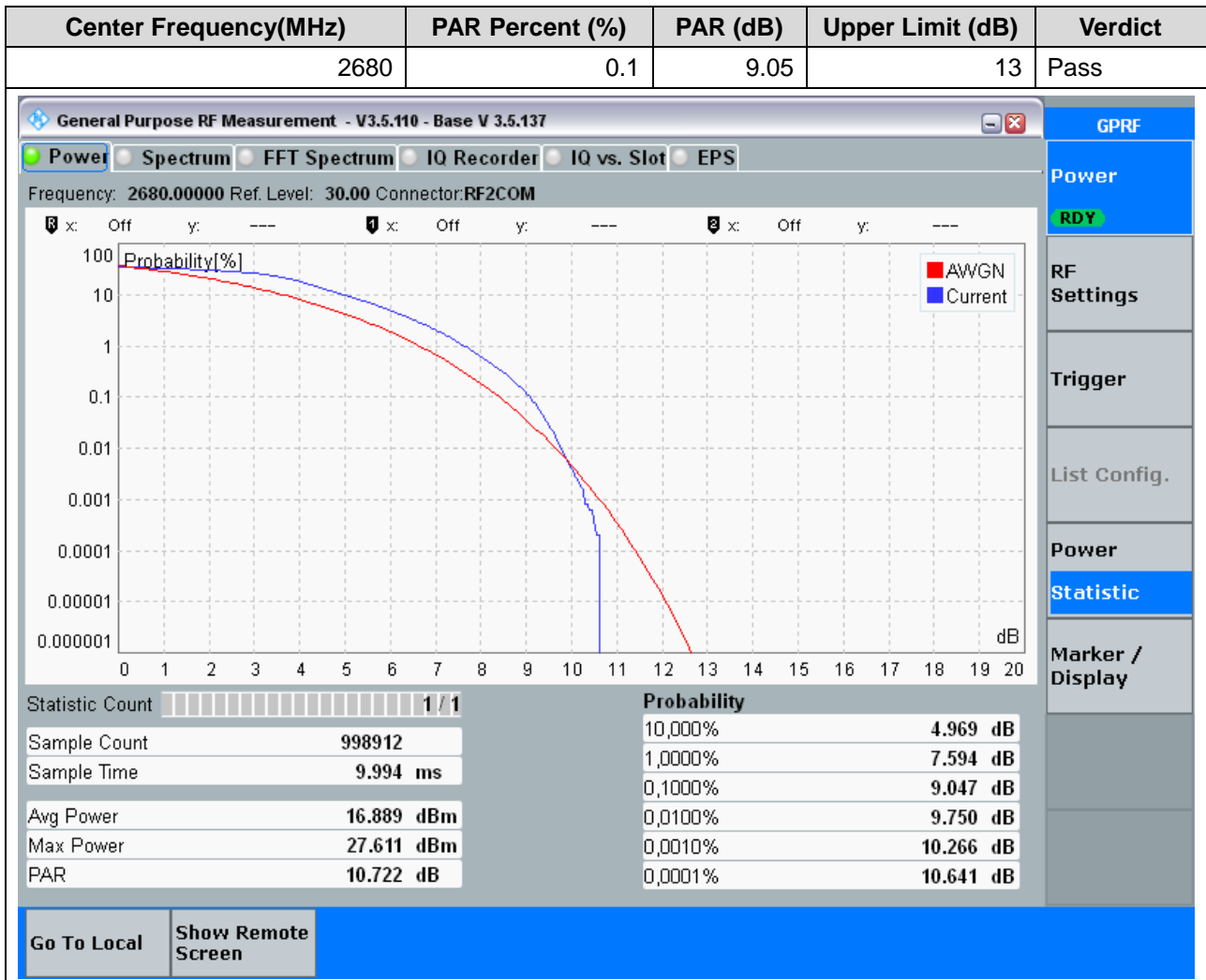
**23.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



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

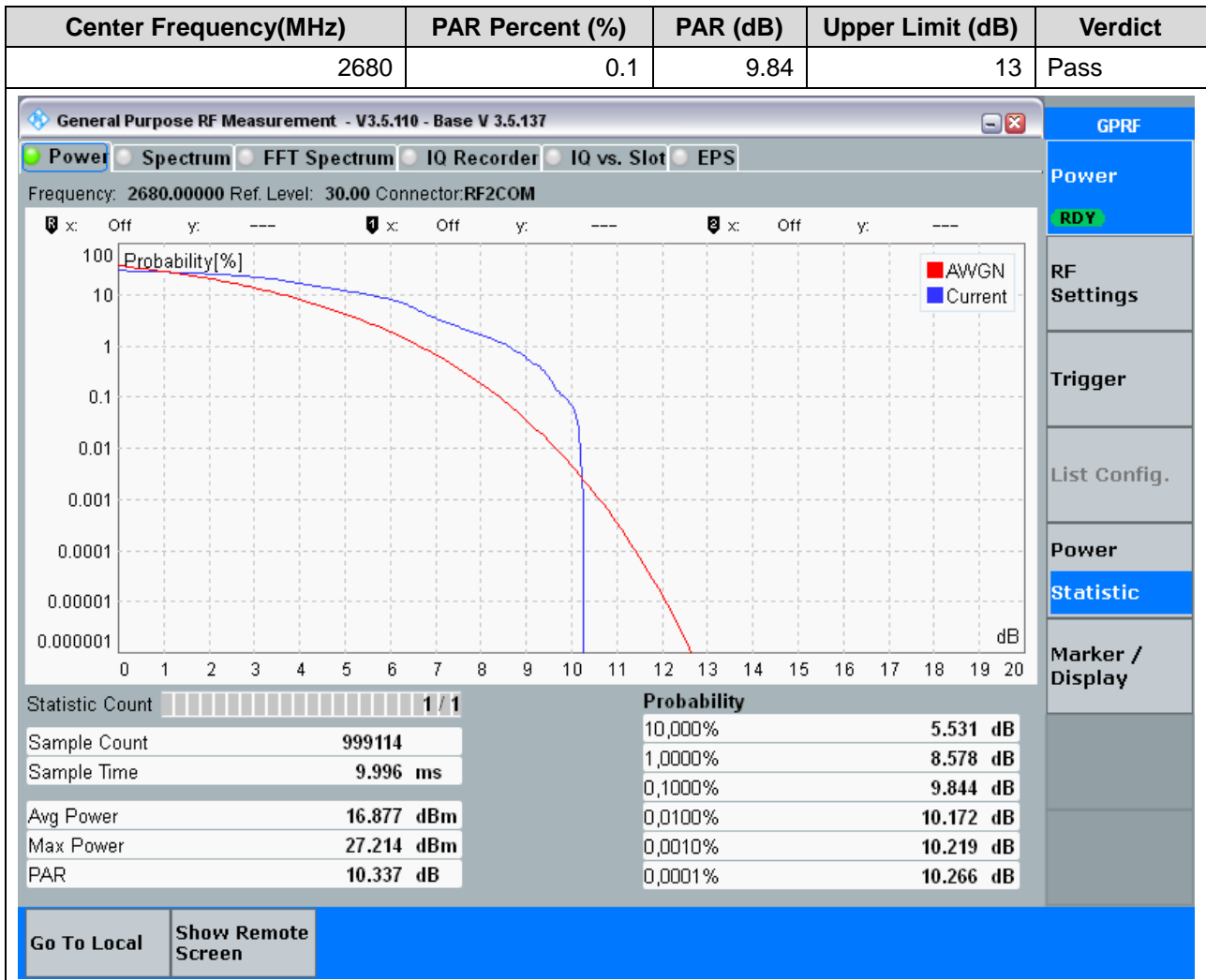


**23.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

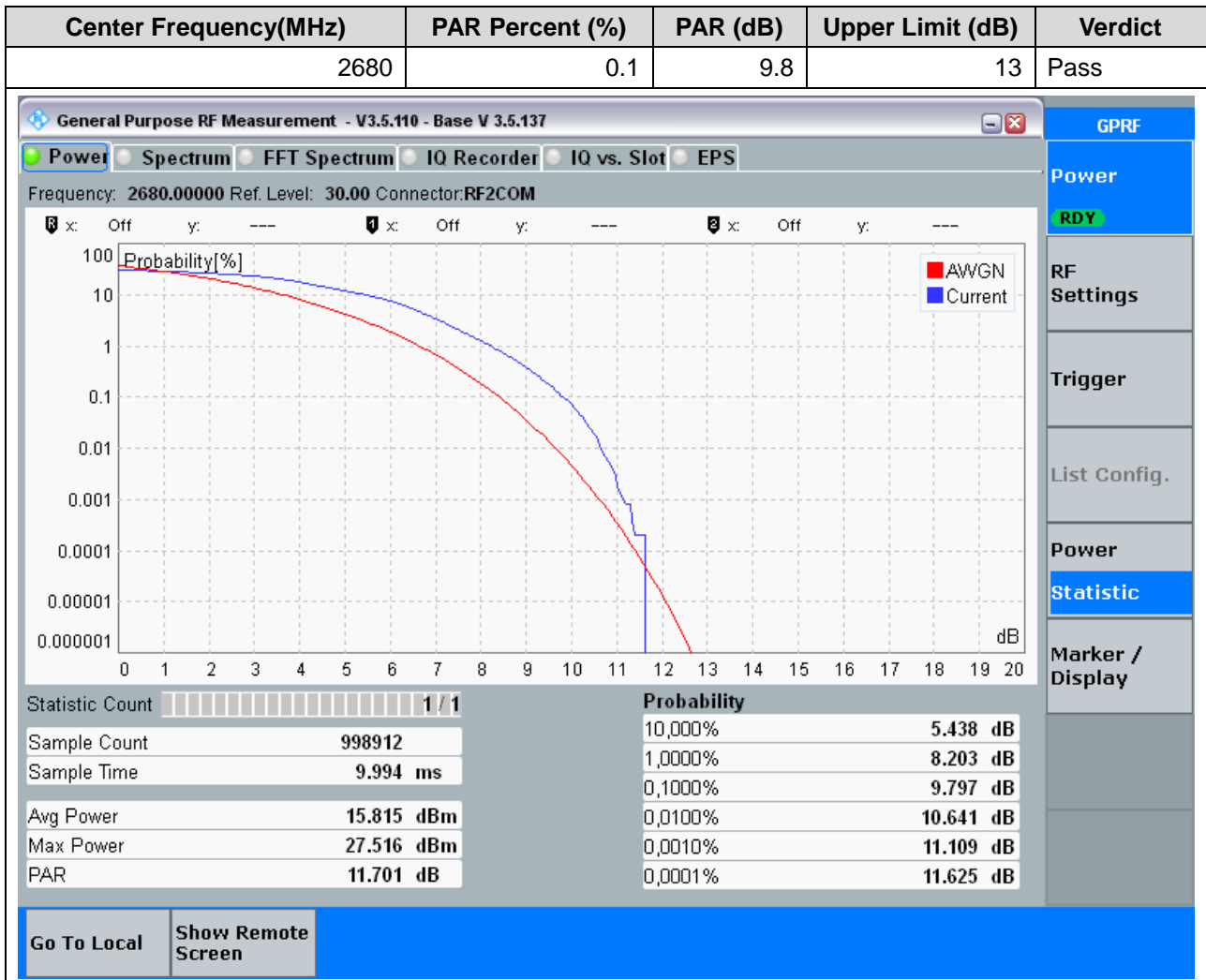




**23.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**



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



END