

## LTE Band 2\_5M Spectrum Plot

1RB#0

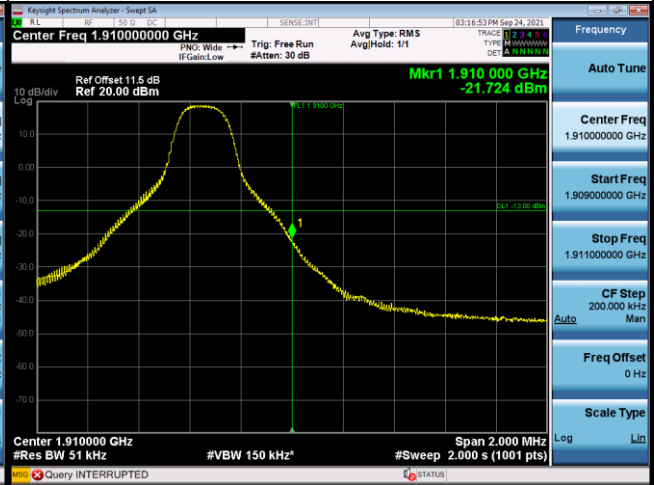
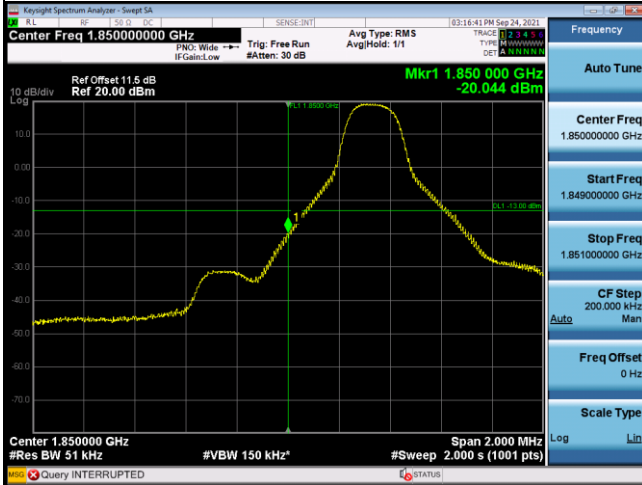
1RB#24

Channel

18625

Channel

19175



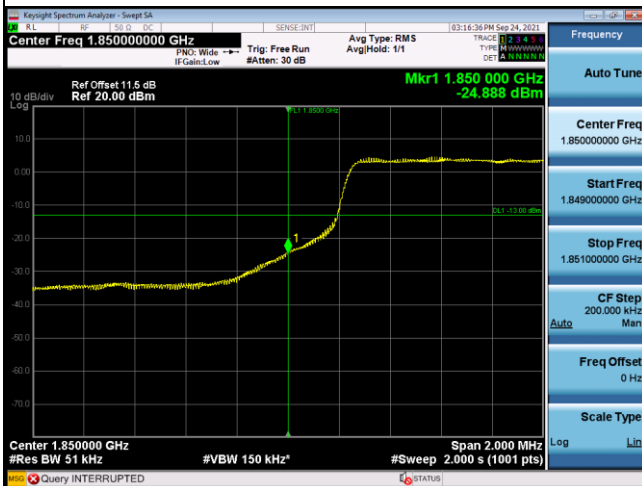
## 25RB#0

Channel

18625

Channel

19175



## LTE Band 2\_10M Spectrum Plot

1RB#0

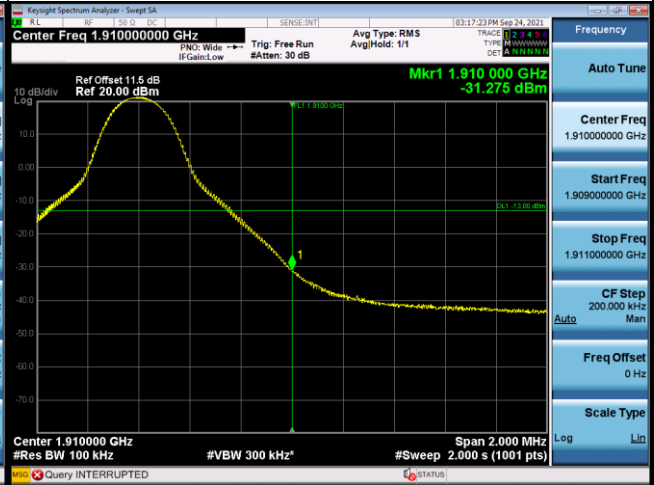
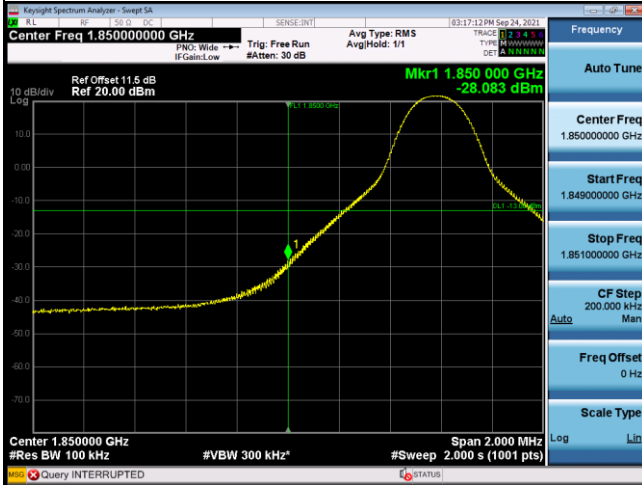
1RB#49

Channel

18650

Channel

19150



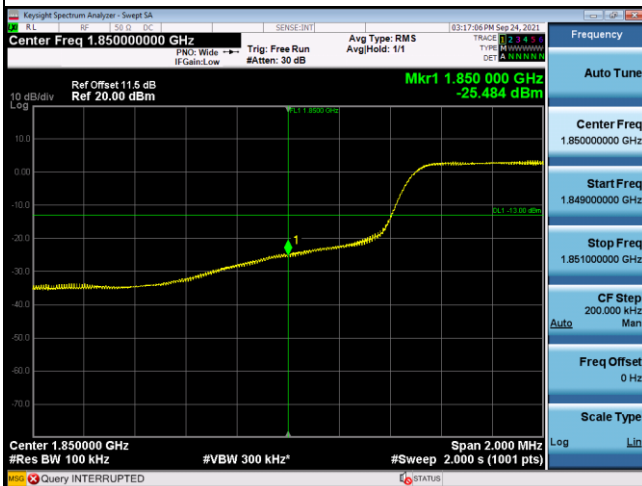
## 50RB#0

Channel

18650

Channel

19150



## LTE Band 2\_15M Spectrum Plot

1RB#0

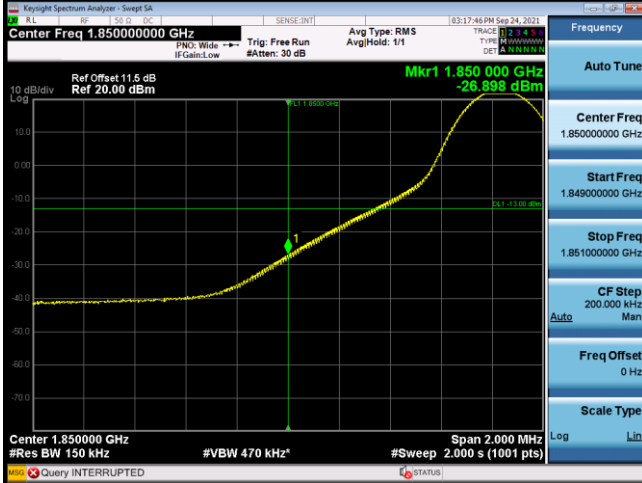
1RB#74

Channel

18675

Channel

19125



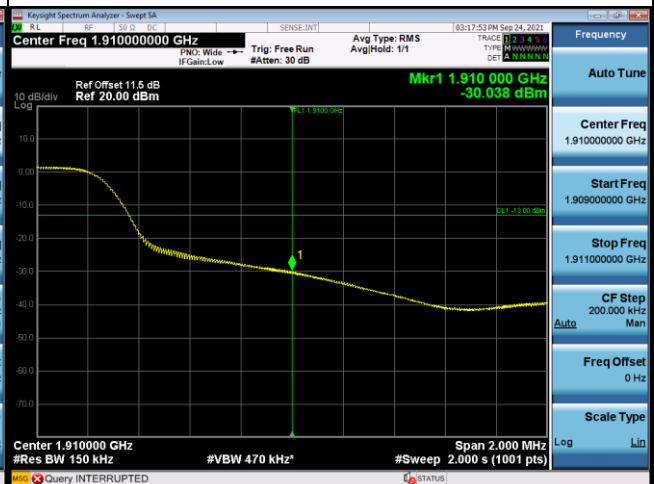
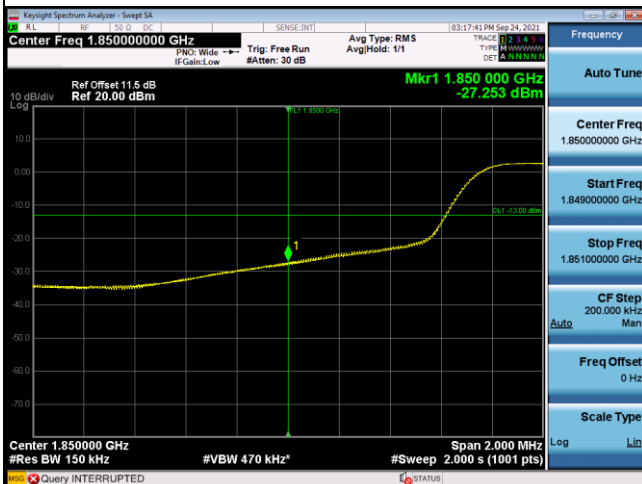
## 75RB#0

Channel

18675

Channel

19125



## LTE Band 2\_20M Spectrum Plot

1RB#0

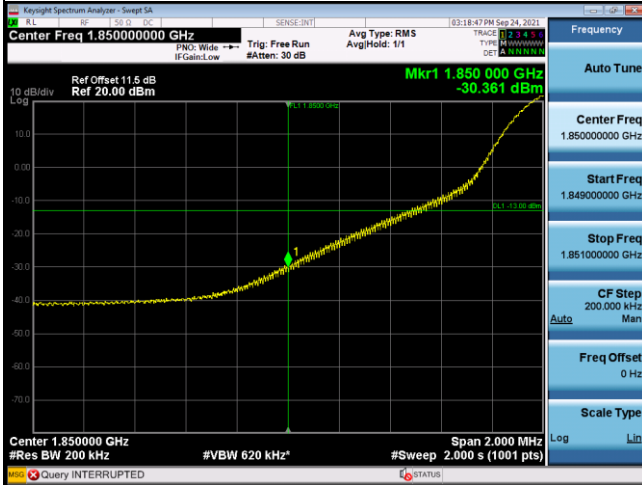
1RB#99

Channel

18700

Channel

19100



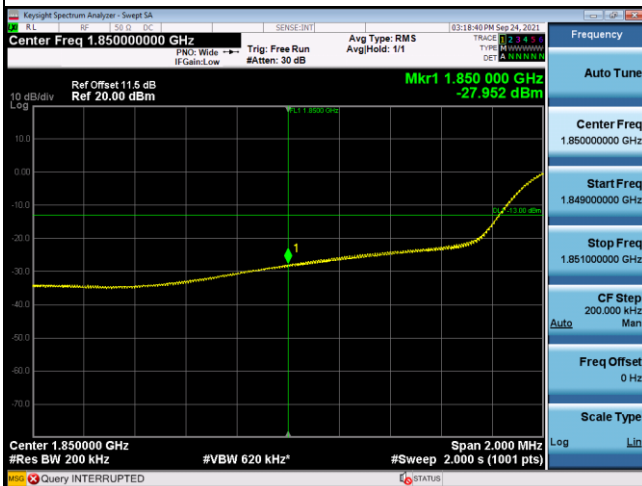
## 100RB#0

Channel

18700

Channel

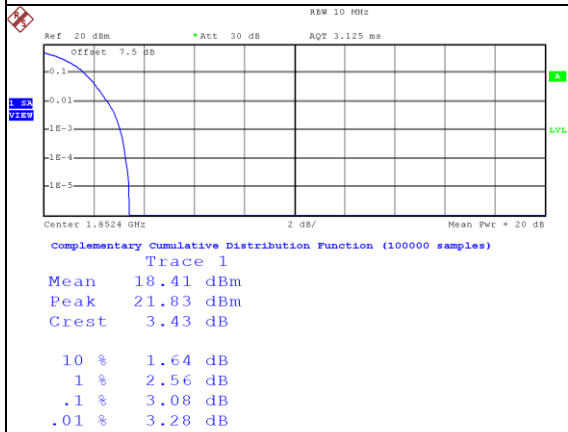
19100



## **APPENDIX G PEAK TO AVERAGE RATIO**

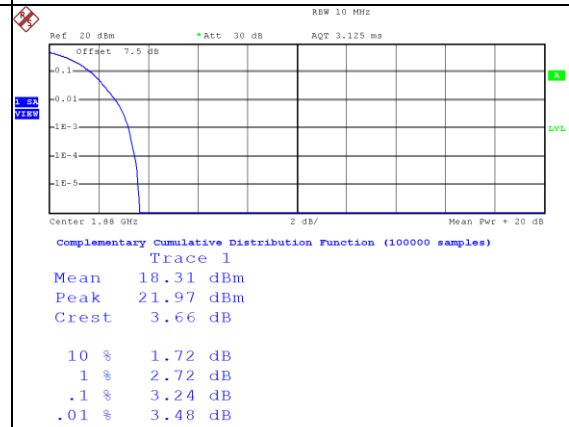
## WCDMA Band II\_WCDMA Spectrum Plot

9262



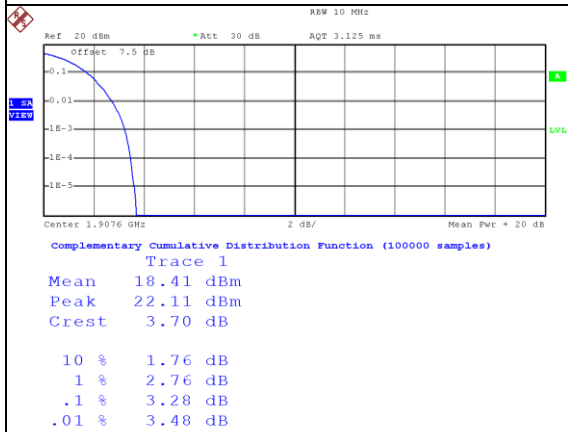
Date: 27.SEP.2021 16:53:32

9400



Date: 27.SEP.2021 16:50:55

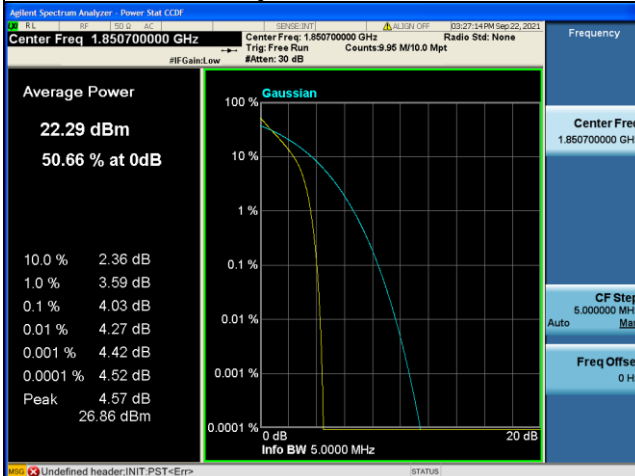
9538



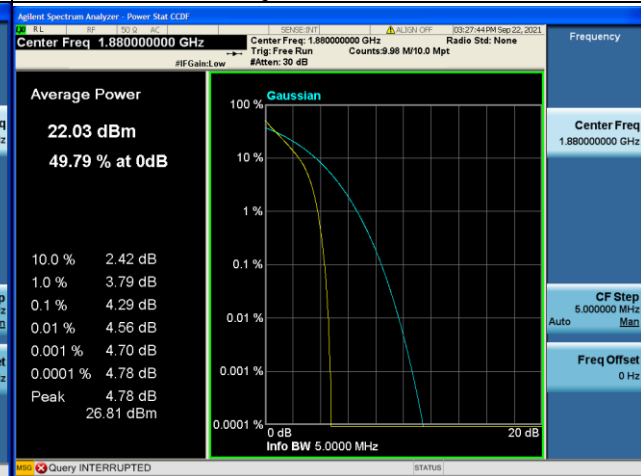
Date: 27.SEP.2021 16:52:19

## LTE Band 2\_1.4M Spectrum Plot

### QPSK-18607



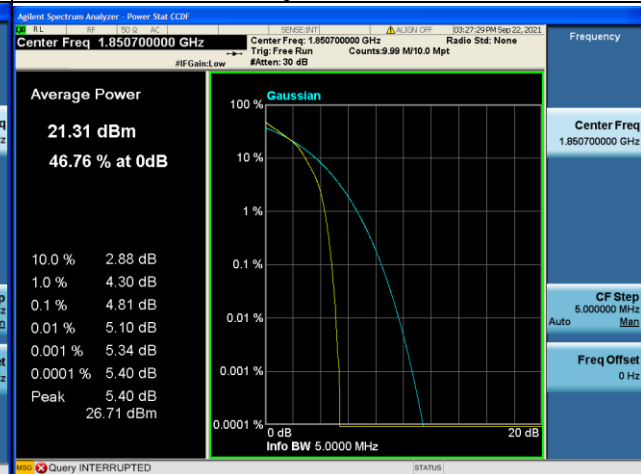
### QPSK-18900



### QPSK-19193



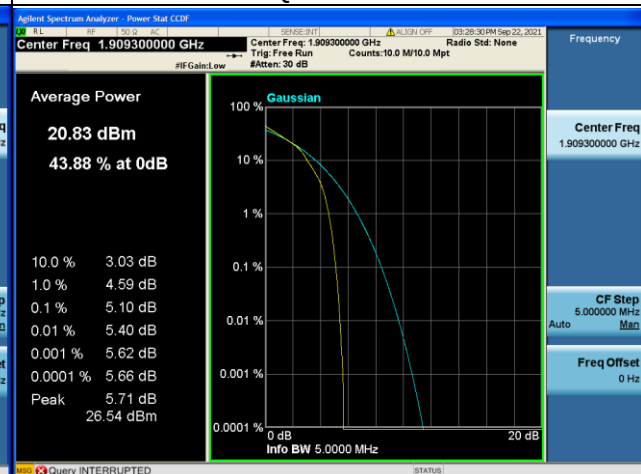
### 16QAM-18607



### 16QAM-18900

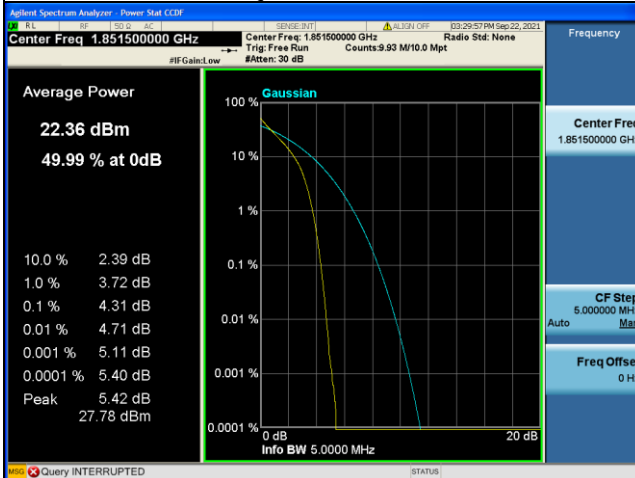


### 16QAM-19193

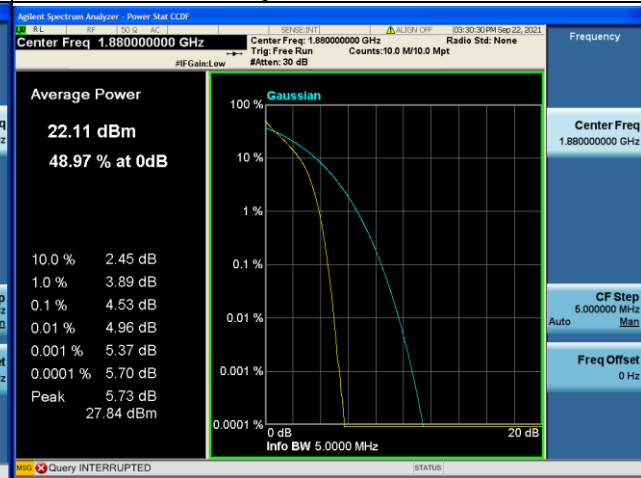


## LTE Band 2\_3M Spectrum Plot

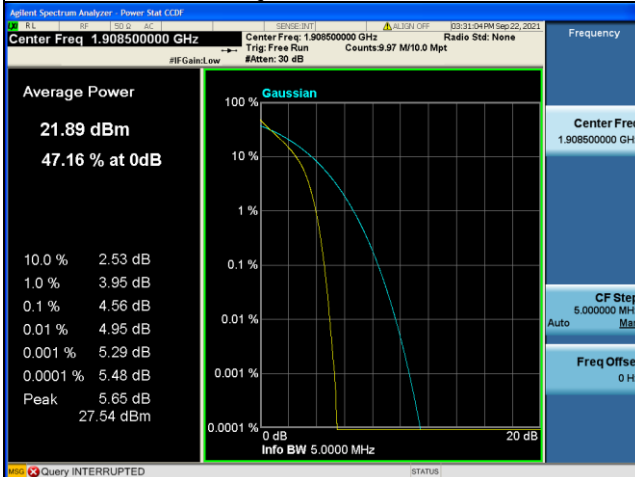
### QPSK-18615



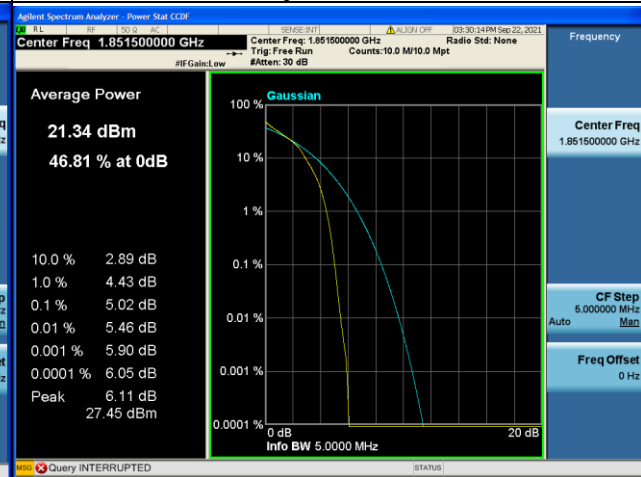
### QPSK-18900



### QPSK-19185



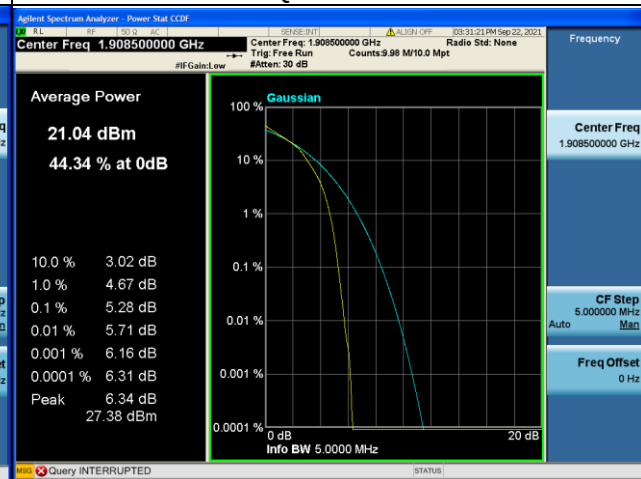
### 16QAM-18615



### 16QAM-18900

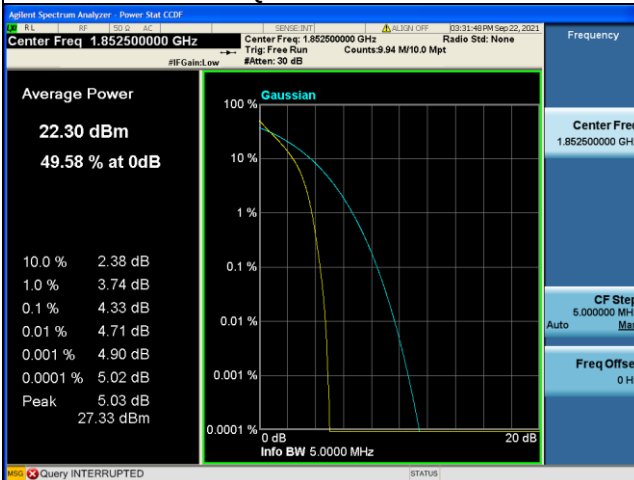


### 16QAM-19185

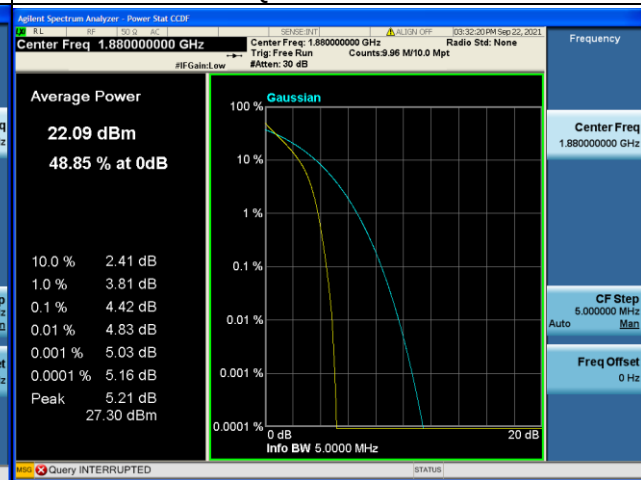


## LTE Band 2\_5M Spectrum Plot

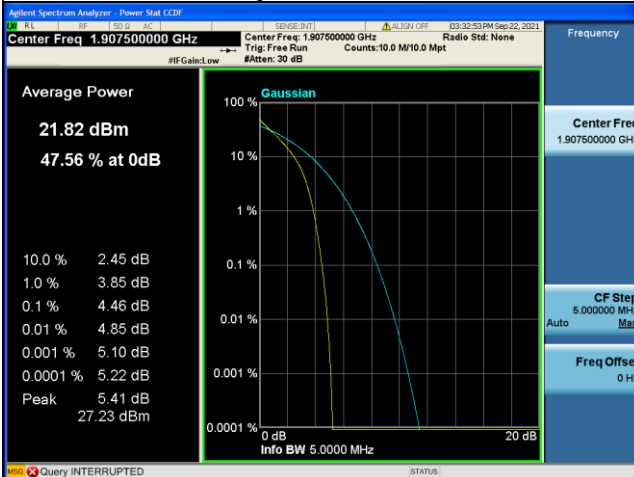
### QPSK-18625



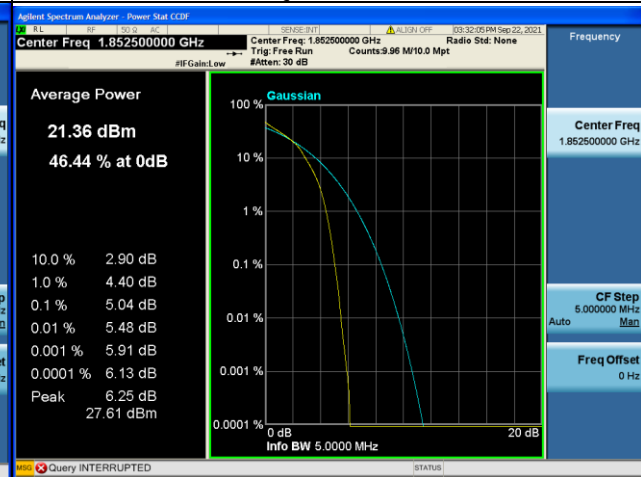
### QPSK-18900



### QPSK-19175



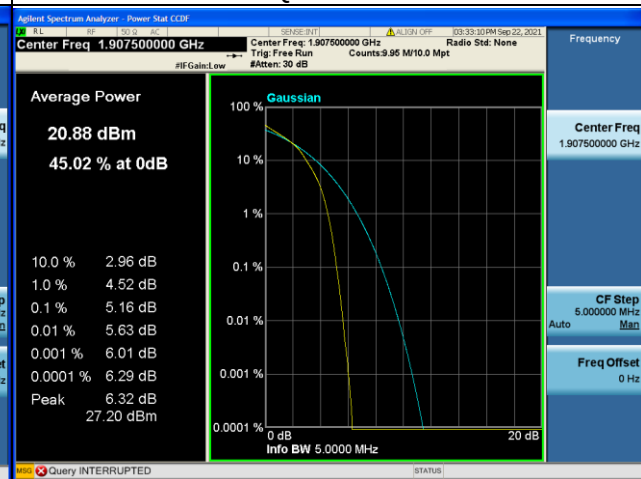
### 16QAM-18625



### 16QAM-18900

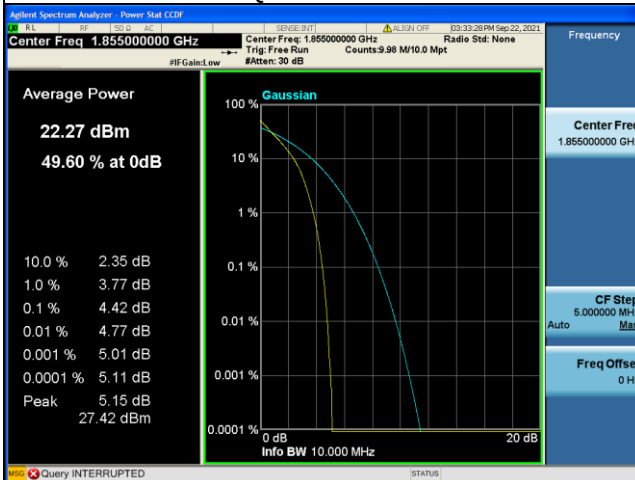


### 16QAM-19175

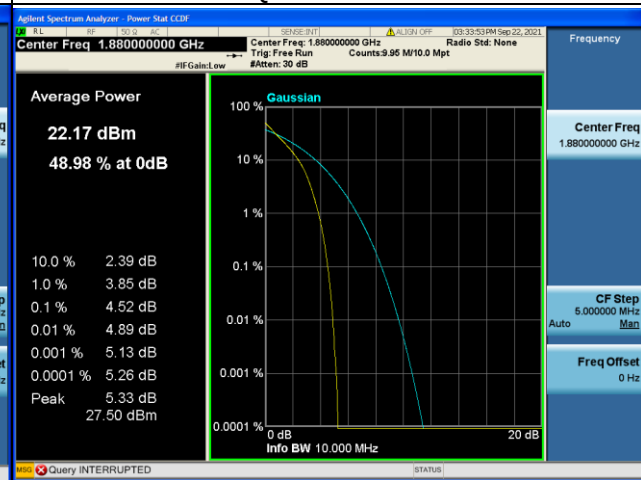


## LTE Band 2\_10M Spectrum Plot

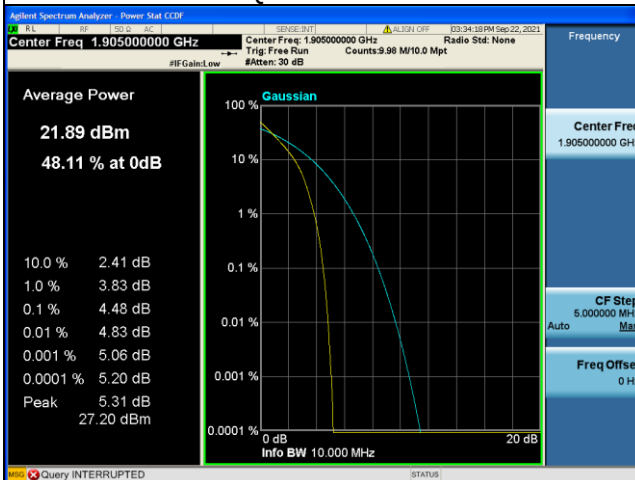
### QPSK-18650



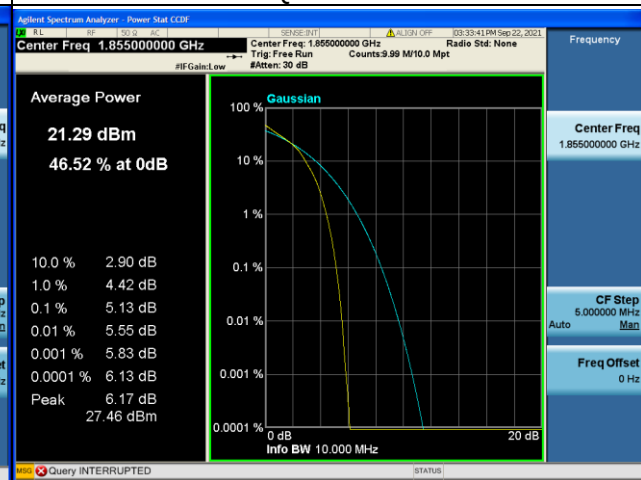
### QPSK-18900



### QPSK-19150



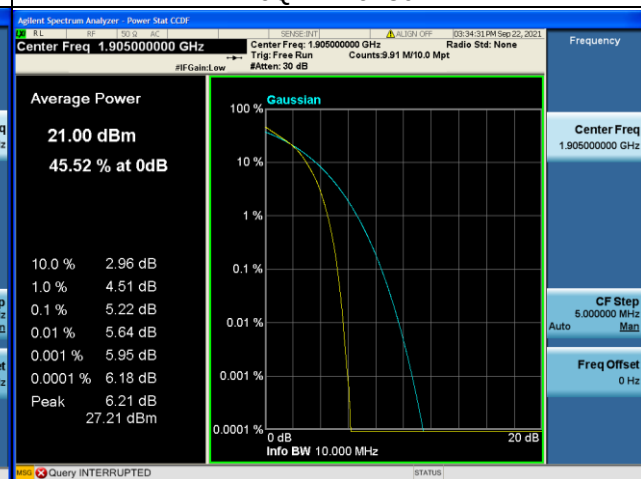
### 16QAM-18650



### 16QAM-18900

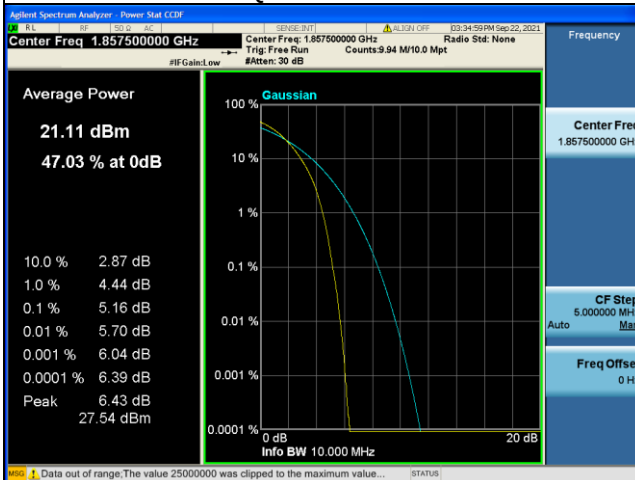


### 16QAM-19150

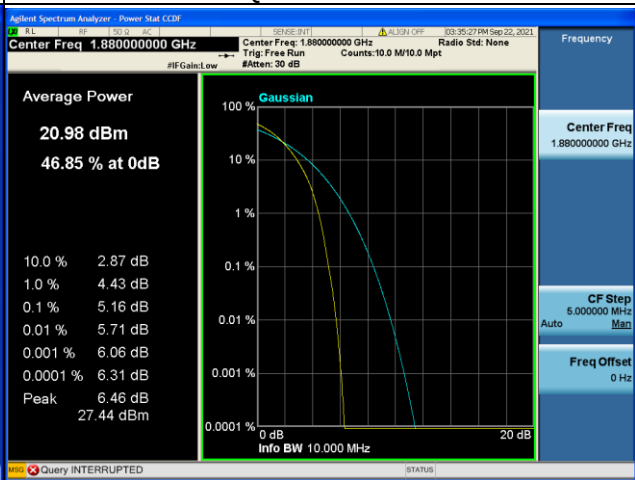


## LTE Band 2\_15M Spectrum Plot

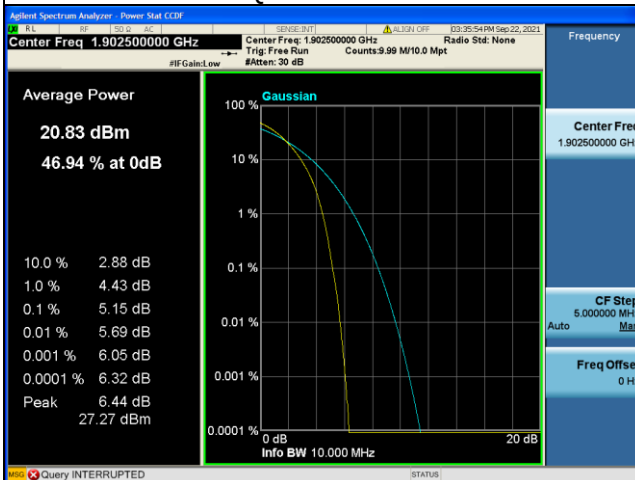
### QPSK-18675



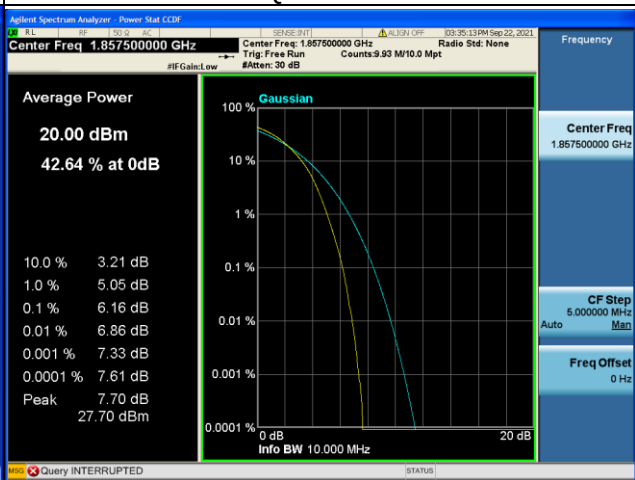
### QPSK-18900



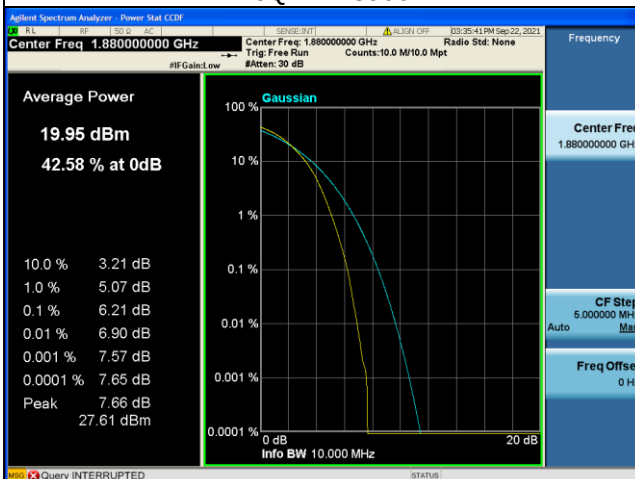
### QPSK-19125



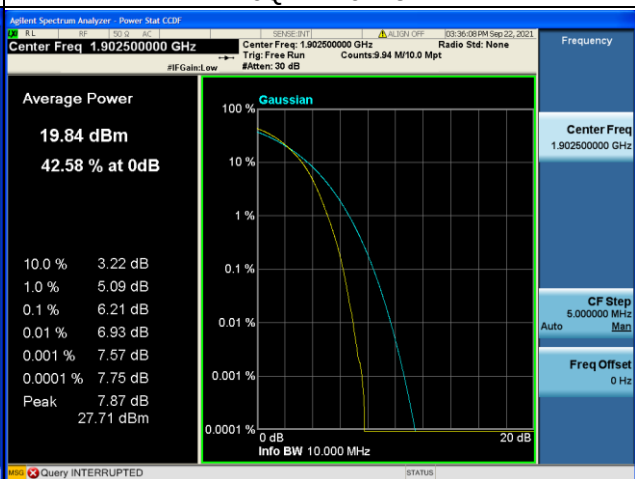
### 16QAM-18675



### 16QAM-18900

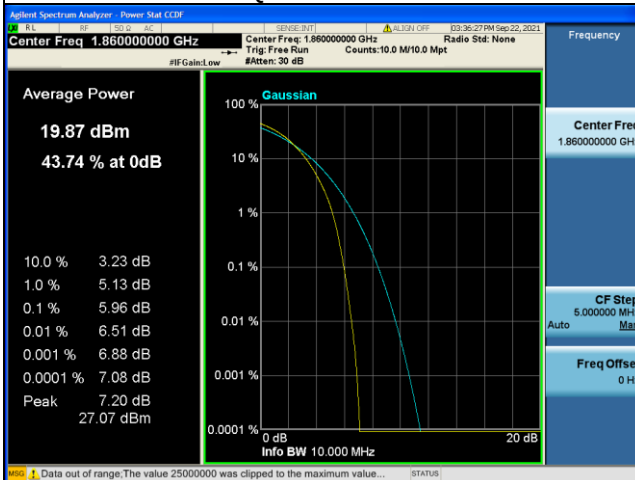


### 16QAM-19125

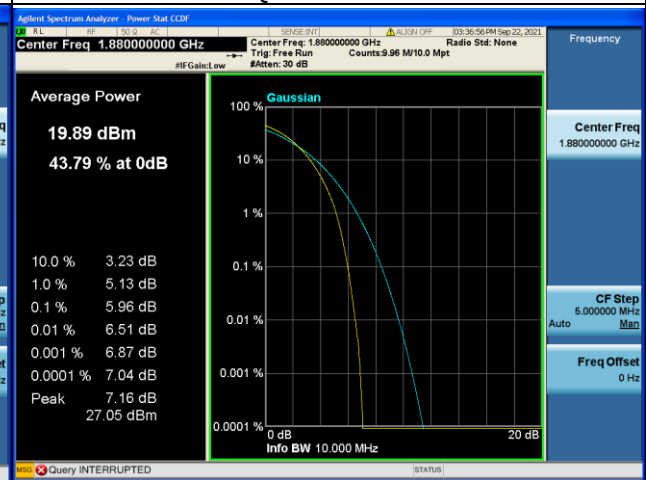


## LTE Band 2\_20M Spectrum Plot

## QPSK-18700



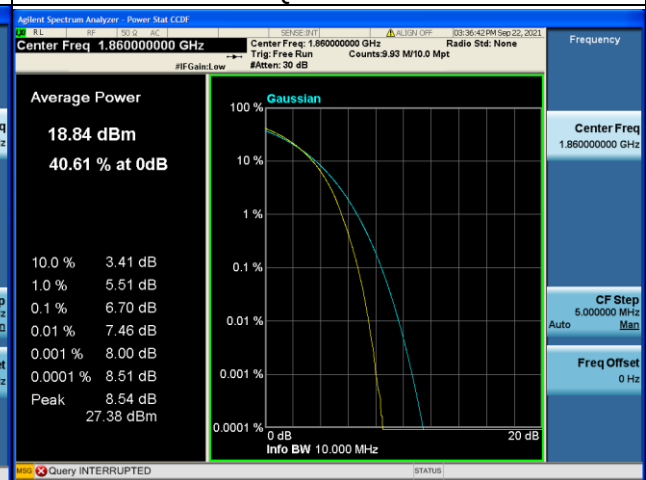
## QPSK-18900



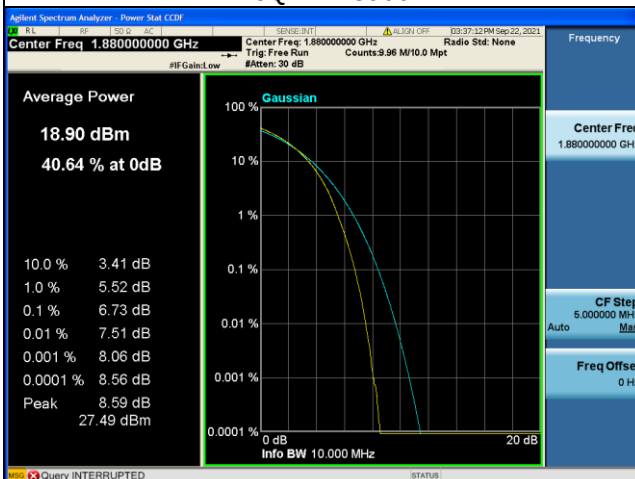
## QPSK-19100



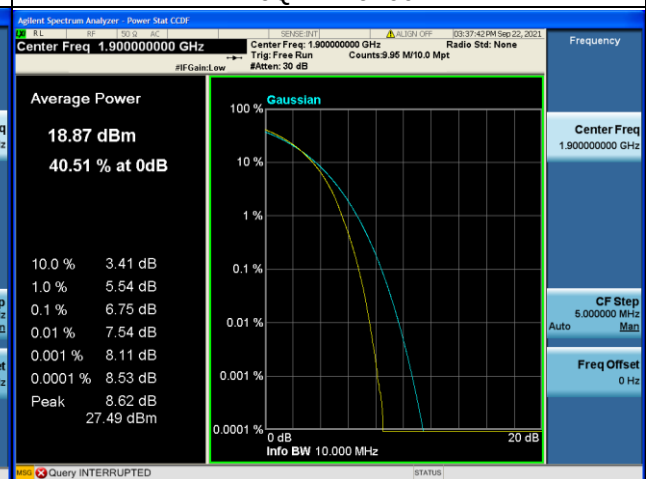
## 16QAM-18700



## 16QAM-18900



## 16QAM-19100



## **APPENDIX H FREQUENCY STABILITY**

|           |                            |
|-----------|----------------------------|
| Test Mode | WCDMA Band II & LTE Band 2 |
|-----------|----------------------------|

| Voltage        | Frequency Error(ppm) |           |         |         |        |         |         | Limit(ppm) |
|----------------|----------------------|-----------|---------|---------|--------|---------|---------|------------|
|                | WCDMA                | LTE Band2 |         |         |        |         |         |            |
|                |                      | 1.4MHz    | 3MHz    | 5MHz    | 10MHz  | 15MHz   | 10MHz   |            |
| High Voltage   | 0.0028               | 0.0028    | 0.0003  | -0.0022 | 0.0004 | -0.0029 | -0.0039 | 2.5        |
| Normal Voltage | 0.0023               | 0.0012    | -0.0034 | 0.0026  | 0.002  | -0.0039 | -0.0017 | 2.5        |
| Low Voltage    | 0.0018               | 0.0044    | 0.0028  | -0.0039 | 0.0021 | 0.0012  | -0.0014 | 2.5        |

| Temp | Frequency Error(ppm) |           |         |         |         |         |         | Limit(ppm) |
|------|----------------------|-----------|---------|---------|---------|---------|---------|------------|
|      | WCDMA                | LTE Band2 |         |         |         |         |         |            |
|      |                      | 1.4MHz    | 3MHz    | 5MHz    | 10MHz   | 15MHz   | 20MHz   |            |
| 0    | -0.0008              | -0.0015   | 0.0005  | -0.0042 | -0.0039 | -0.0018 | -0.0022 | 2.5        |
| 10   | -0.0033              | -0.0028   | -0.0023 | 0.0042  | 0.0004  | -0.0004 | 0.0039  | 2.5        |
| 20   | -0.0014              | -0.0001   | -0.0001 | -0.0039 | 0.0025  | 0.0004  | -0.0024 | 2.5        |
| 30   | -0.0003              | 0.0037    | -0.0009 | -0.0002 | -0.0006 | 0.0022  | -0.0016 | 2.5        |
| 40   | 0.0037               | 0.0037    | -0.0023 | -0.0011 | 0.0048  | 0.0028  | 0.0002  | 2.5        |

End of Test Report