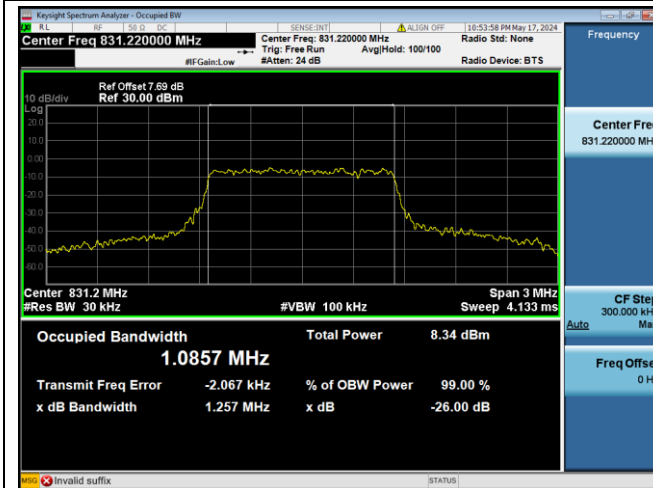
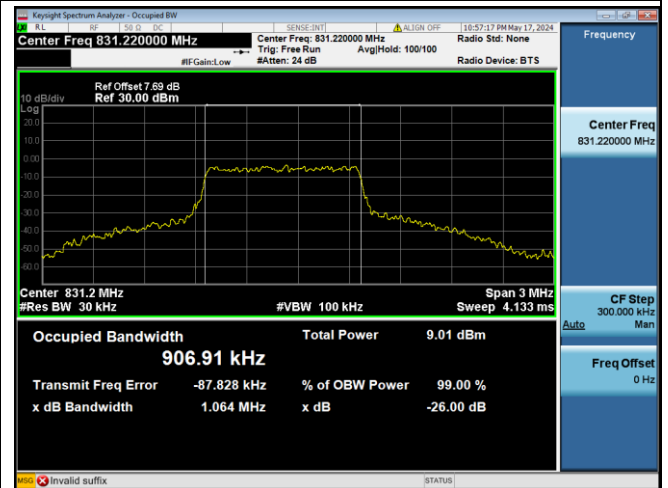


# LTE Band 19, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

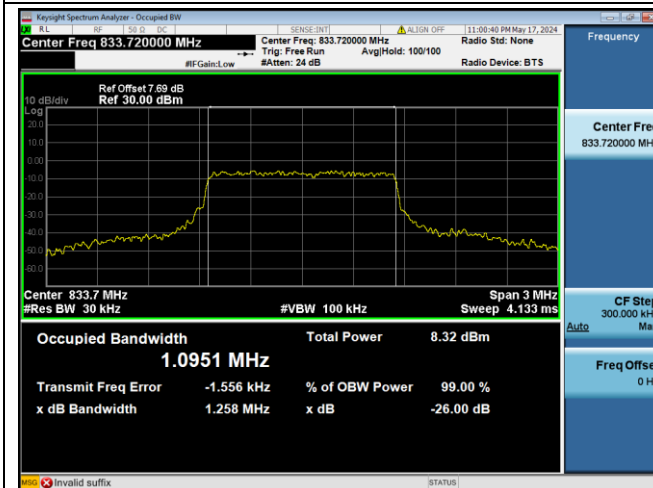
## QPSK Low channel



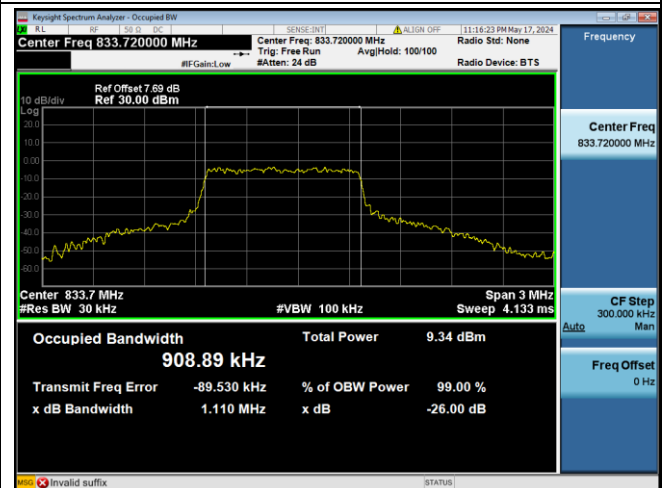
## 16QAM Low channel



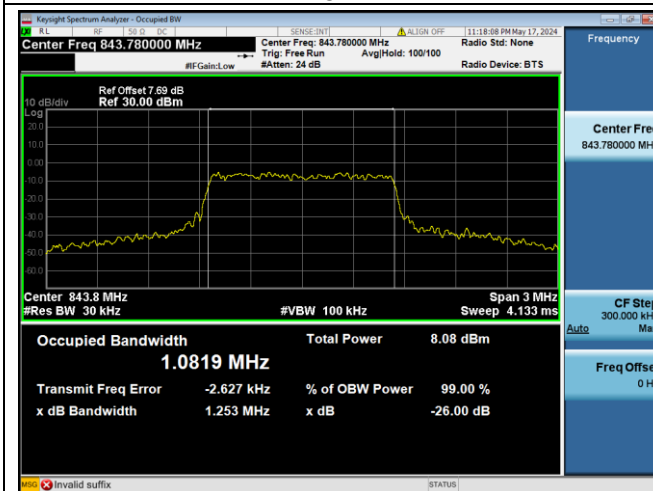
## QPSK Middle channel



## 16QAM Middle channel



## QPSK High channel

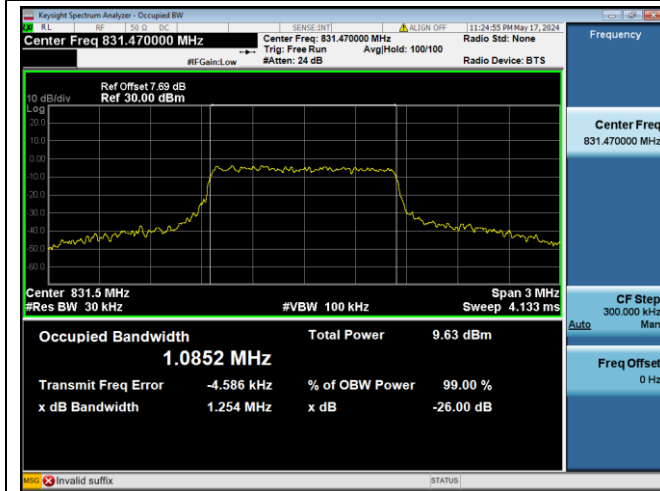


## 16QAM High channel



LTE Band 19, Nominal Bandwidth: 15MHz, OBW & 26dB Bandwidth

QPSK Middle channel



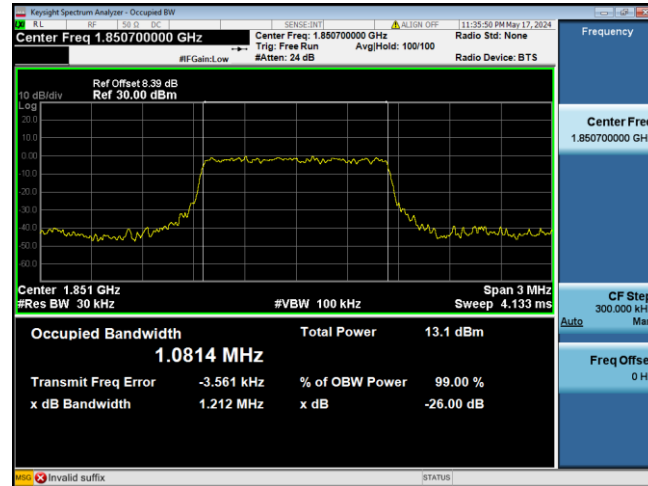
16QAM Middle channel



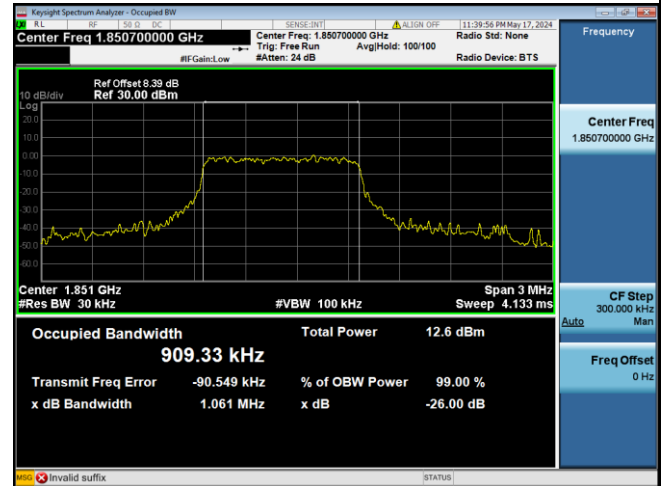
| LTE Band 25       |            |                |                  |         |         |
|-------------------|------------|----------------|------------------|---------|---------|
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 1.4 MHz           | QPSK       | OBW            | 1.0814           | 1.0811  | 1.0839  |
|                   |            | 26dB bandwidth | 1.212            | 1.212   | 1.206   |
|                   | 16QAM      | OBW            | 0.90933          | 0.91108 | 0.91701 |
|                   |            | 26dB bandwidth | 1.061            | 1.075   | 1.057   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 3.0 MHz           | QPSK       | OBW            | 1.0808           | 1.0886  | 1.0858  |
|                   |            | 26dB bandwidth | 1.236            | 1.222   | 1.215   |
|                   | 16QAM      | OBW            | 0.90615          | 0.91017 | 0.90964 |
|                   |            | 26dB bandwidth | 1.054            | 1.047   | 1.066   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 5.0 MHz           | QPSK       | OBW            | 1.0850           | 1.0856  | 1.0867  |
|                   |            | 26dB bandwidth | 1.208            | 1.216   | 1.251   |
|                   | 16QAM      | OBW            | 0.91037          | 0.90959 | 0.90653 |
|                   |            | 26dB bandwidth | 1.096            | 1.070   | 1.090   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 10.0 MHz          | QPSK       | OBW            | 1.0861           | 1.0850  | 1.0862  |
|                   |            | 26dB bandwidth | 1.229            | 1.254   | 1.223   |
|                   | 16QAM      | OBW            | 0.91373          | 0.91039 | 0.91414 |
|                   |            | 26dB bandwidth | 1.106            | 1.098   | 1.057   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 15.0 MHz          | QPSK       | OBW            | 1.0881           | 1.0882  | 1.0895  |
|                   |            | 26dB bandwidth | 1.285            | 1.252   | 1.250   |
|                   | 16QAM      | OBW            | 0.90877          | 0.91219 | 0.91342 |
|                   |            | 26dB bandwidth | 1.160            | 1.119   | 1.077   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 20.0 MHz          | QPSK       | OBW            | 1.0826           | 1.0894  | 1.0891  |
|                   |            | 26dB bandwidth | 1.293            | 1.226   | 1.238   |
|                   | 16QAM      | OBW            | 0.91356          | 0.91412 | 0.91353 |
|                   |            | 26dB bandwidth | 1.115            | 1.107   | 1.114   |

# LTE Band 25, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

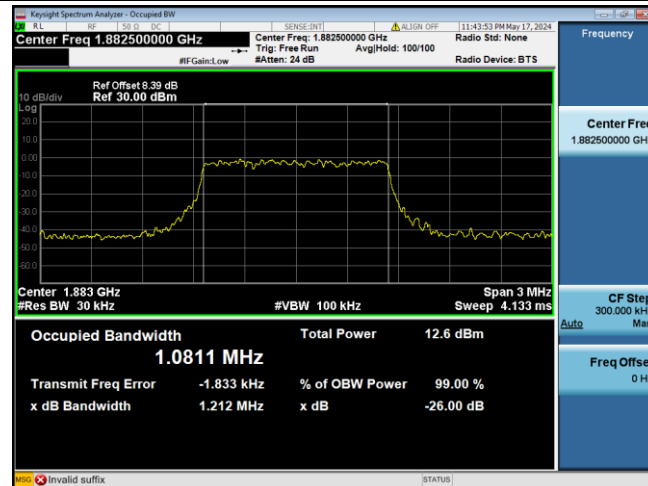
## QPSK Low channel



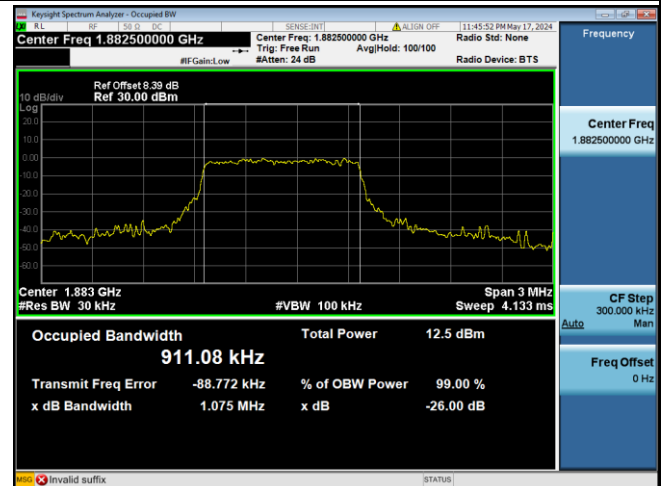
## 16QAM Low channel



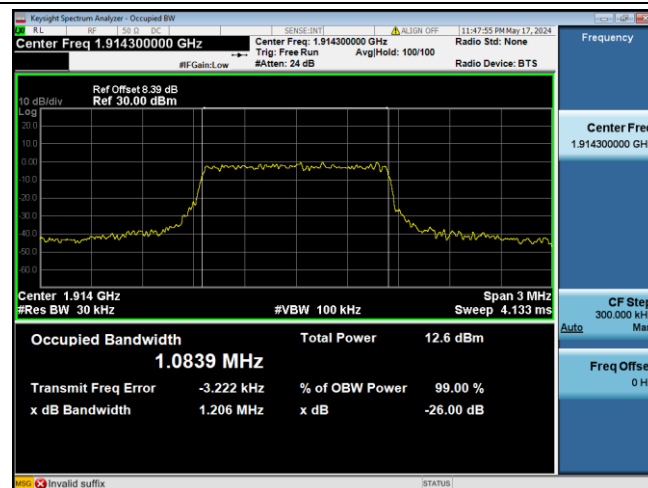
## QPSK Middle channel



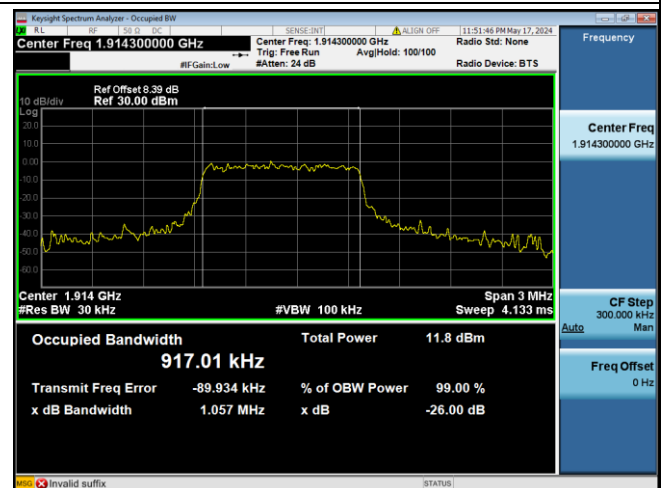
## 16QAM Middle channel



## QPSK High channel

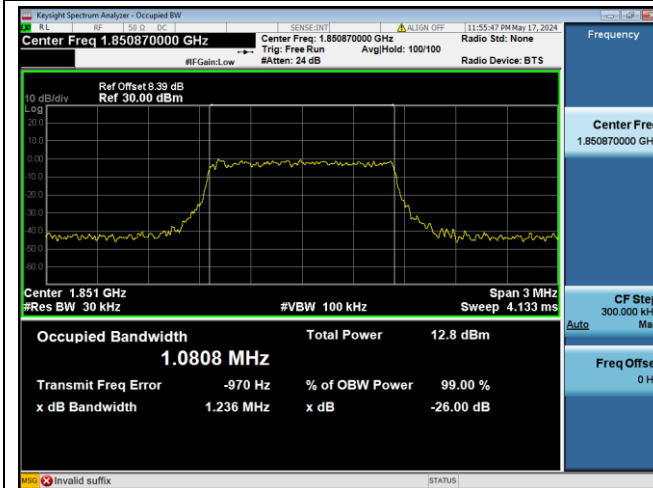


## 16QAM High channel

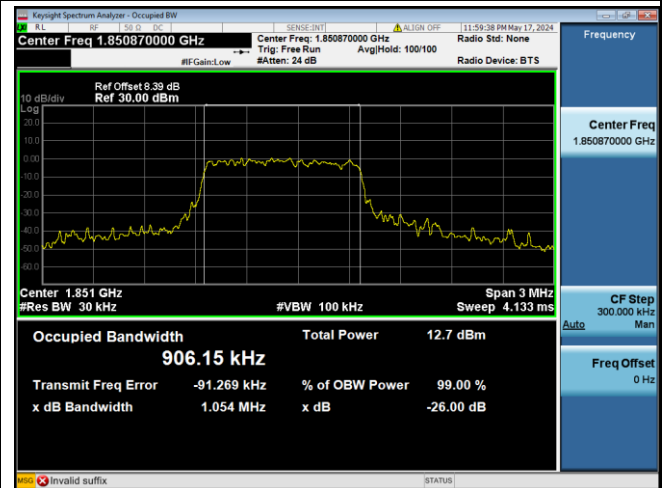


# LTE Band 25, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

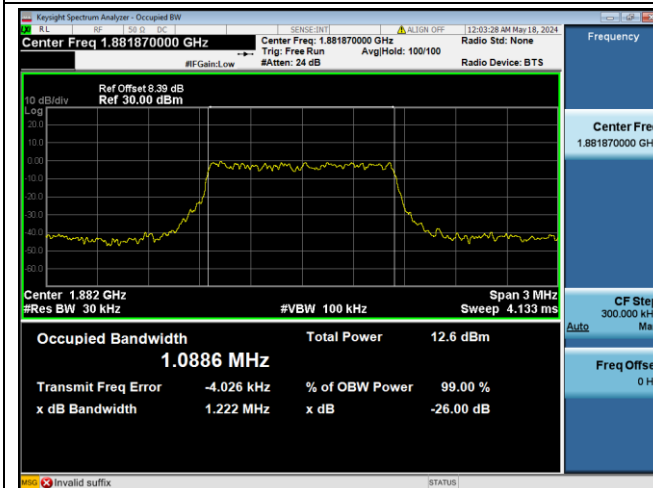
## QPSK Low channel



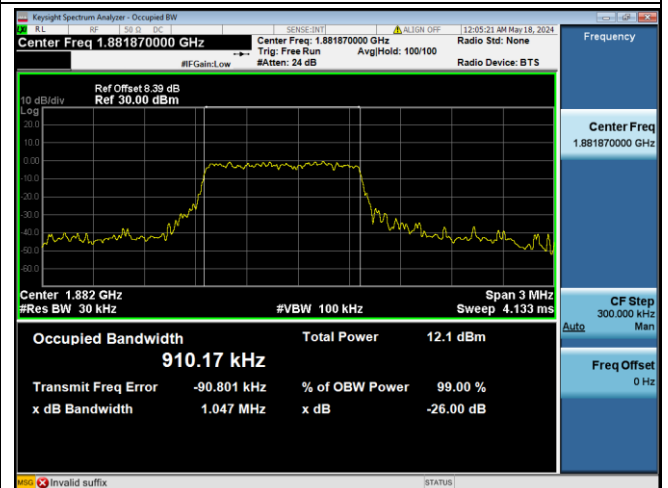
## 16QAM Low channel



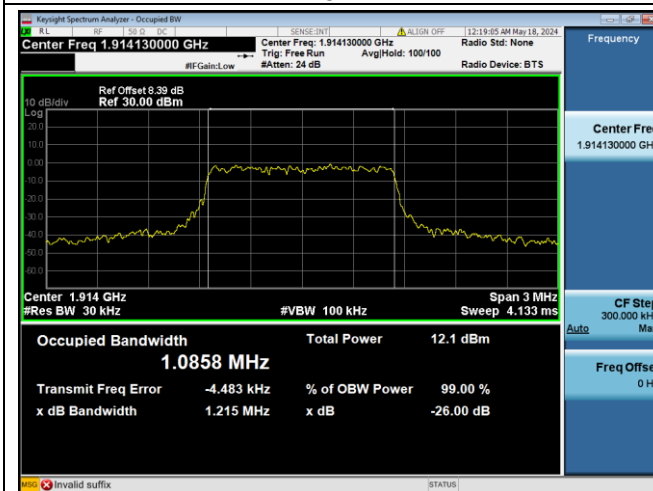
## QPSK Middle channel



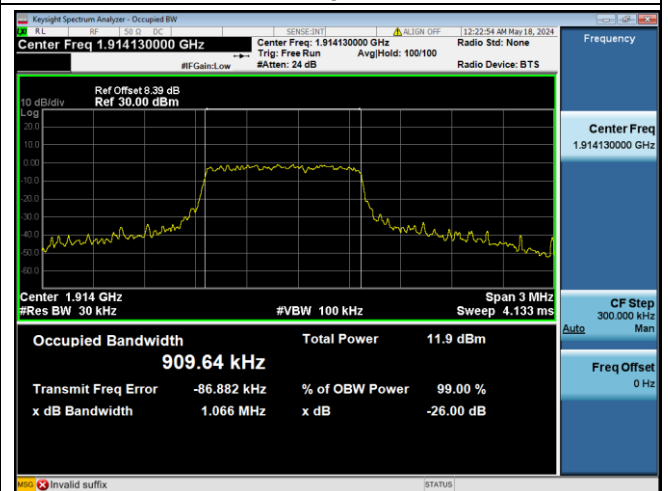
## 16QAM Middle channel



## QPSK High channel

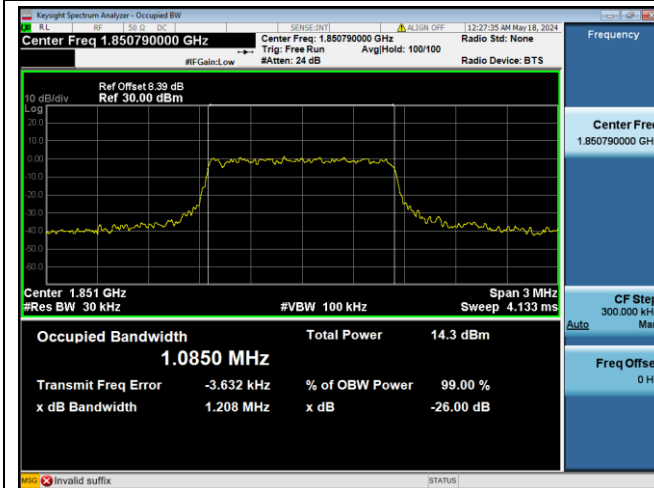


## 16QAM High channel



# LTE Band 25, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

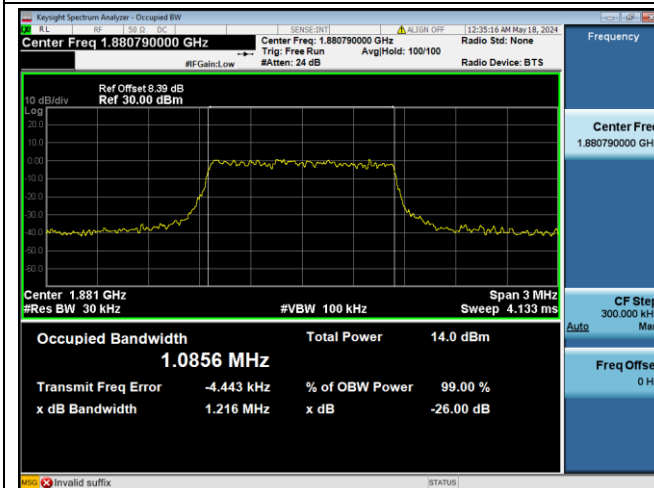
## QPSK Low channel



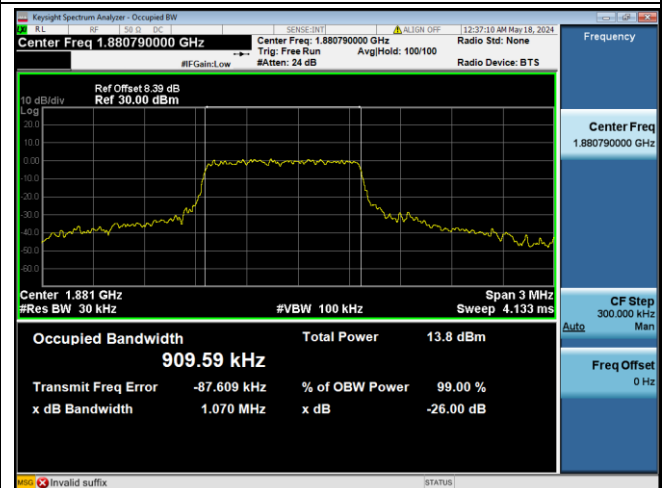
## 16QAM Low channel



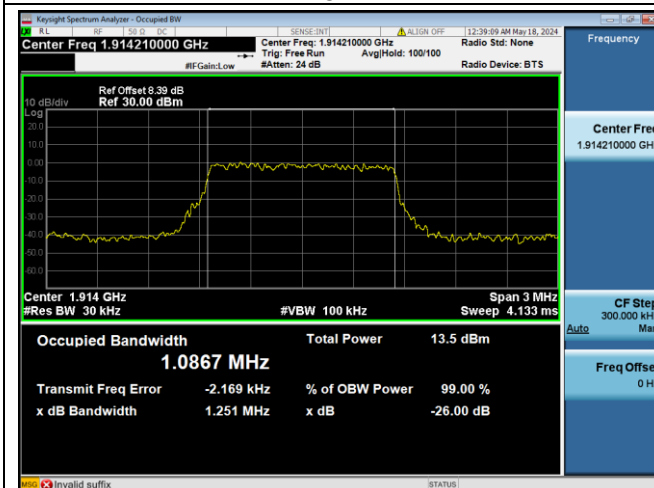
## QPSK Middle channel



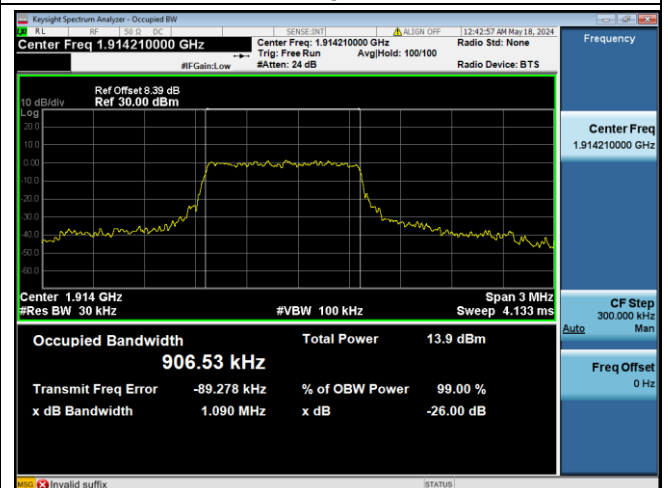
## 16QAM Middle channel



## QPSK High channel

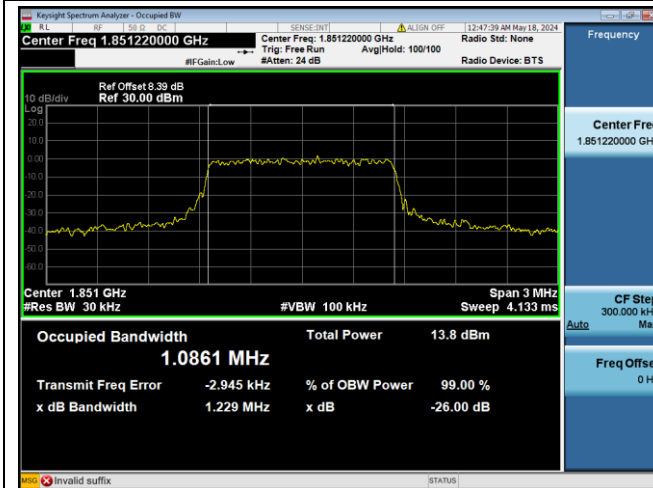


## 16QAM High channel



# LTE Band 25, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

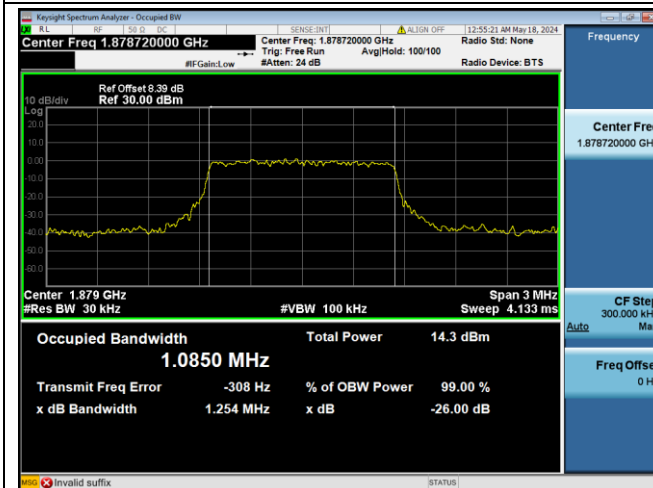
## QPSK Low channel



## 16QAM Low channel



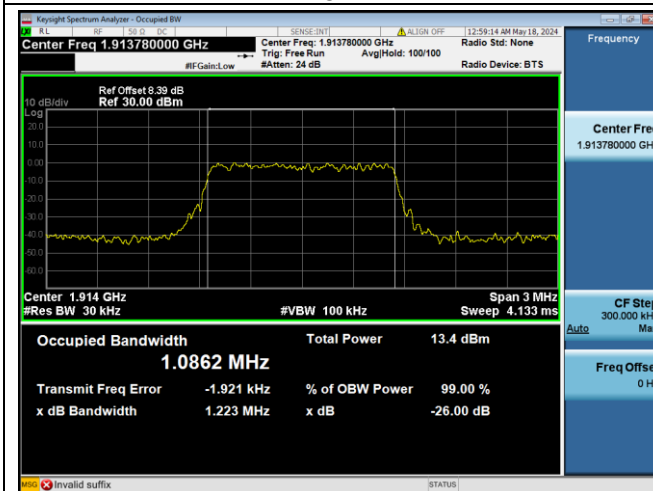
## QPSK Middle channel



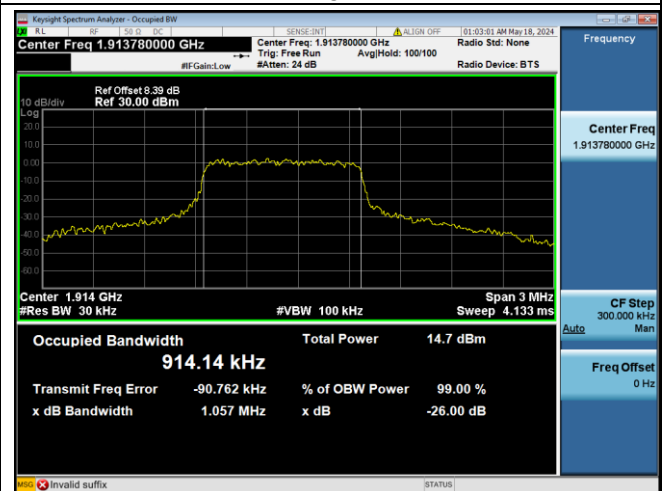
## 16QAM Middle channel



## QPSK High channel

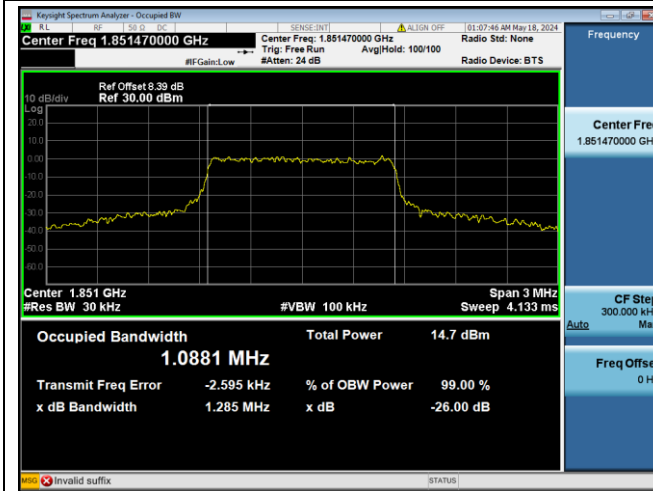


## 16QAM High channel



# LTE Band 25, Nominal Bandwidth: 15MHz, OBW & 26dB Bandwidth

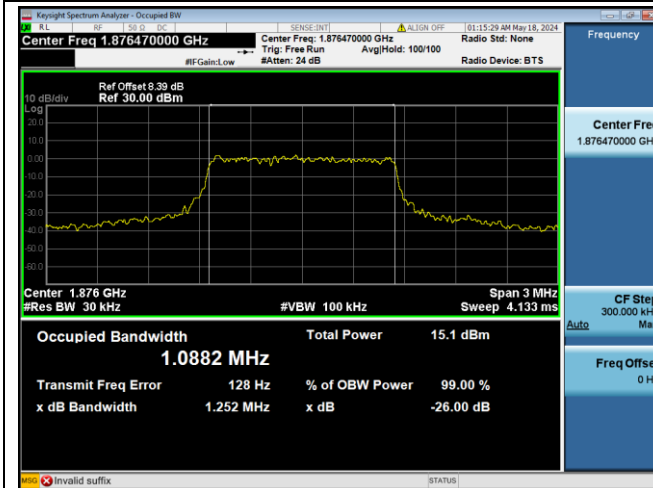
## QPSK Low channel



## 16QAM Low channel



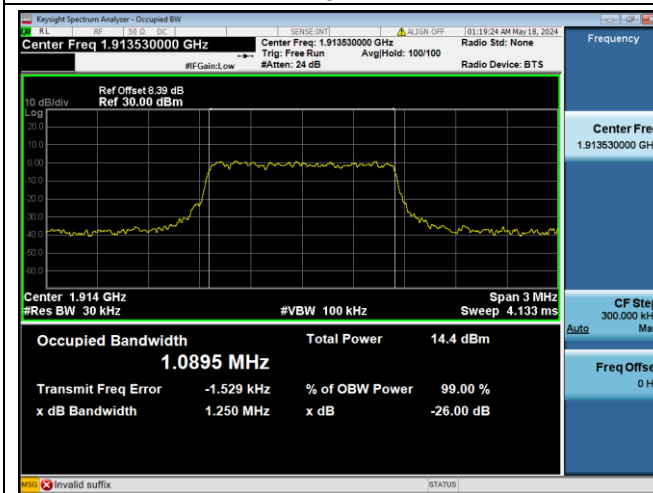
## QPSK Middle channel



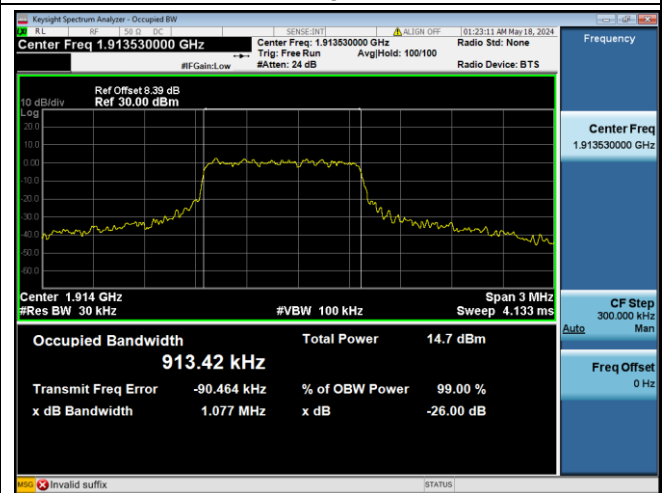
## 16QAM Middle channel



## QPSK High channel

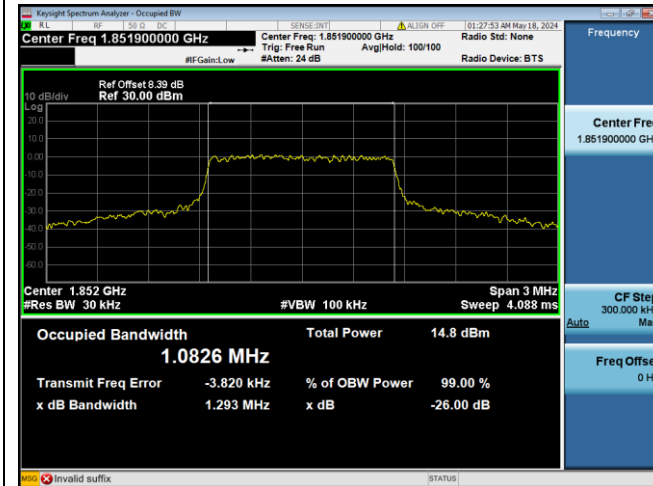


## 16QAM High channel

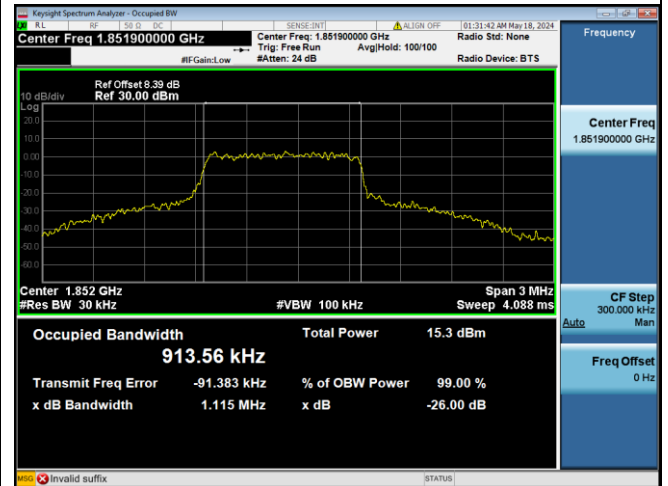


# LTE Band 25, Nominal Bandwidth: 20MHz, OBW & 26dB Bandwidth

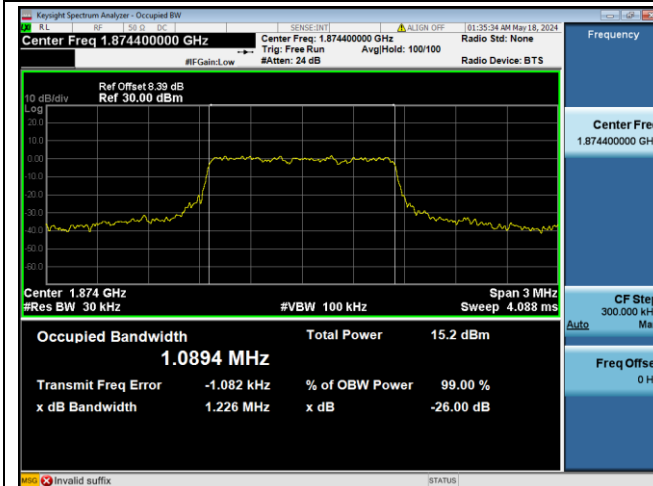
## QPSK Low channel



## 16QAM Low channel



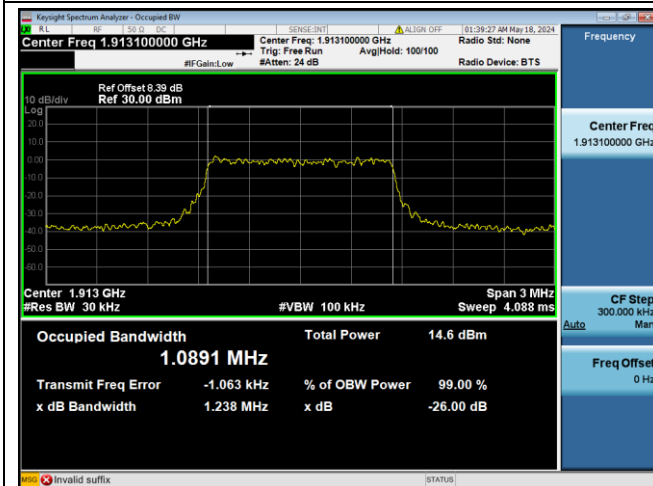
## QPSK Middle channel



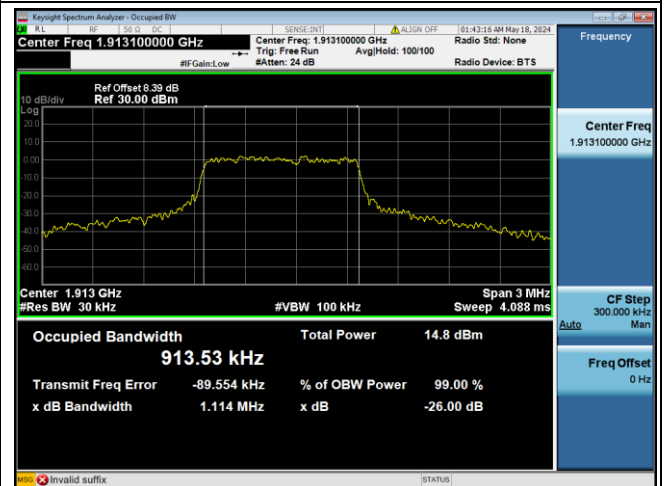
## 16QAM Middle channel



## QPSK High channel



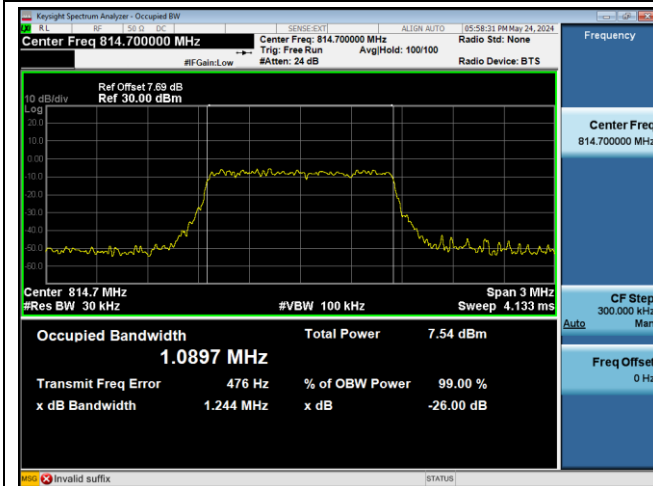
## 16QAM High channel



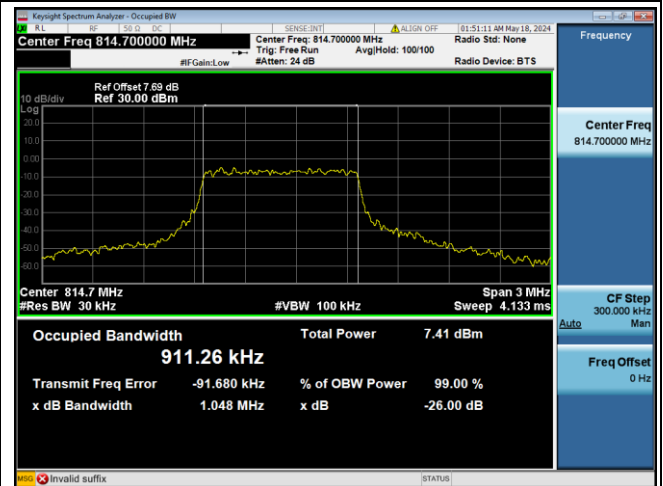
| LTE Band 26a      |            |                |                  |         |         |
|-------------------|------------|----------------|------------------|---------|---------|
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 1.4 MHz           | QPSK       | OBW            | 1.0897           | 1.0838  | 1.0817  |
|                   |            | 26dB bandwidth | 1.244            | 1.216   | 1.224   |
|                   | 16QAM      | OBW            | 0.91126          | 0.91031 | 0.90953 |
|                   |            | 26dB bandwidth | 1.048            | 1.050   | 1.077   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 3.0 MHz           | QPSK       | OBW            | 1.0850           | 1.0886  | 1.0816  |
|                   |            | 26dB bandwidth | 1.237            | 1.229   | 1.253   |
|                   | 16QAM      | OBW            | 0.90829          | 0.90669 | 0.90980 |
|                   |            | 26dB bandwidth | 1.056            | 1.082   | 1.063   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 5.0 MHz           | QPSK       | OBW            | 1.0875           | 1.0848  | 1.0864  |
|                   |            | 26dB bandwidth | 1.273            | 1.235   | 1.219   |
|                   | 16QAM      | OBW            | 0.90994          | 0.90928 | 0.90818 |
|                   |            | 26dB bandwidth | 1.060            | 1.096   | 1.080   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 10.0 MHz          | QPSK       | OBW            | /                | 1.0842  | /       |
|                   |            | 26dB bandwidth | /                | 1.265   | /       |
|                   | 16QAM      | OBW            | /                | 0.90584 | /       |
|                   |            | 26dB bandwidth | /                | 1.080   | /       |

# LTE Band 26a, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

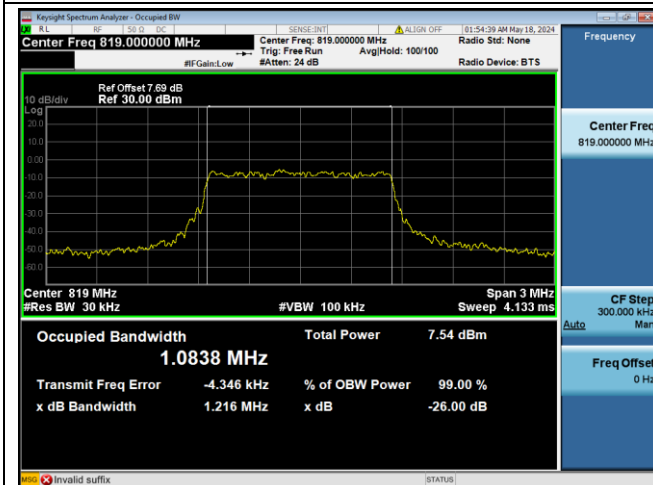
## QPSK Low channel



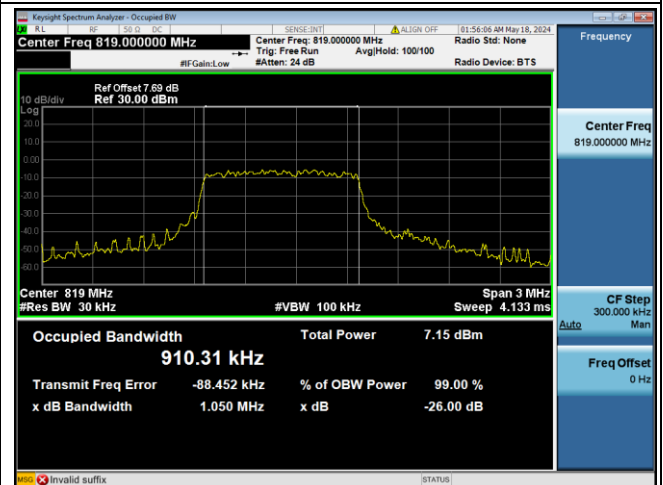
## 16QAM Low channel



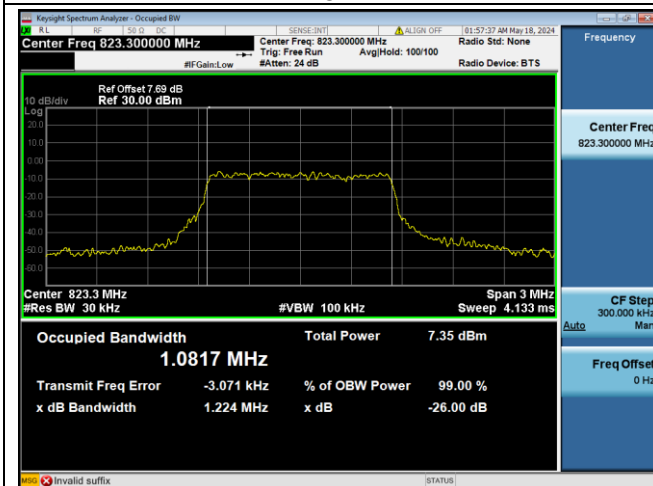
## QPSK Middle channel



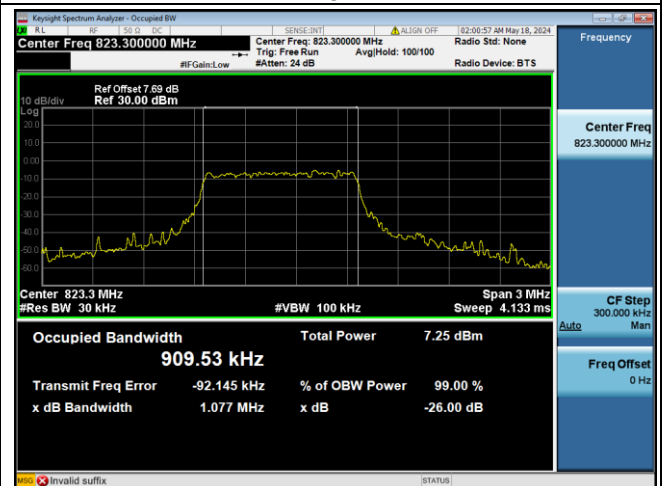
## 16QAM Middle channel



## QPSK High channel

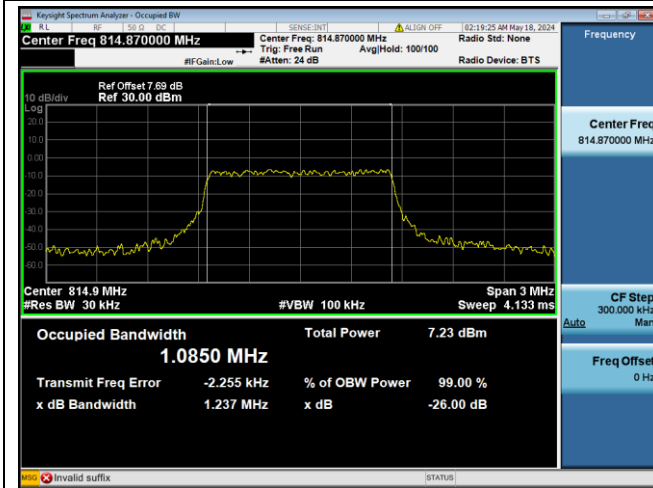


## 16QAM High channel

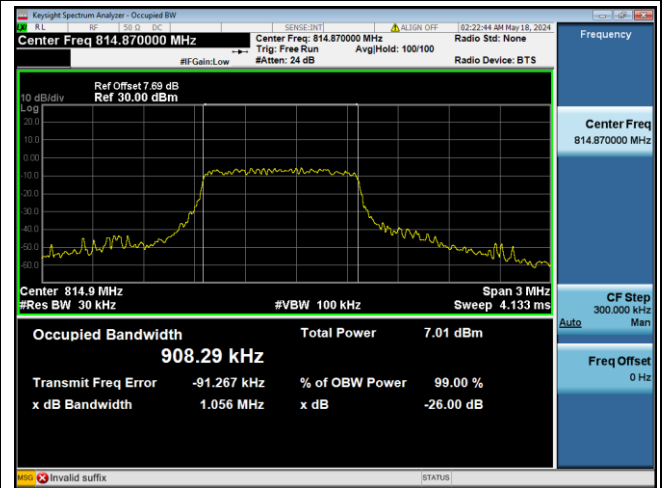


# LTE Band 26a, Nominal Bandwidth: 3.0MHz, OBW & 26dB Bandwidth

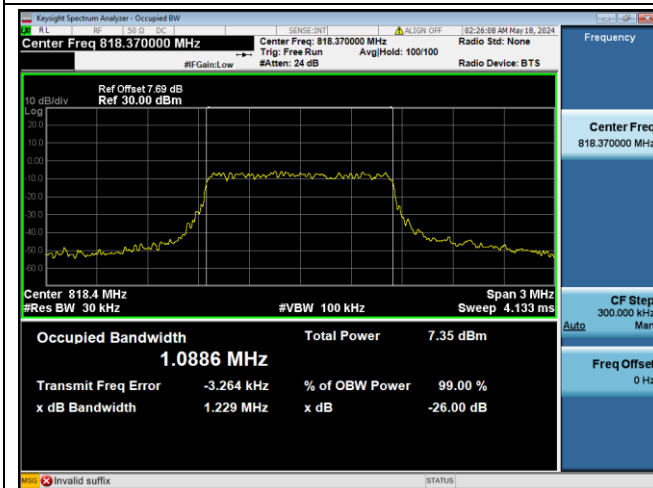
## QPSK Low channel



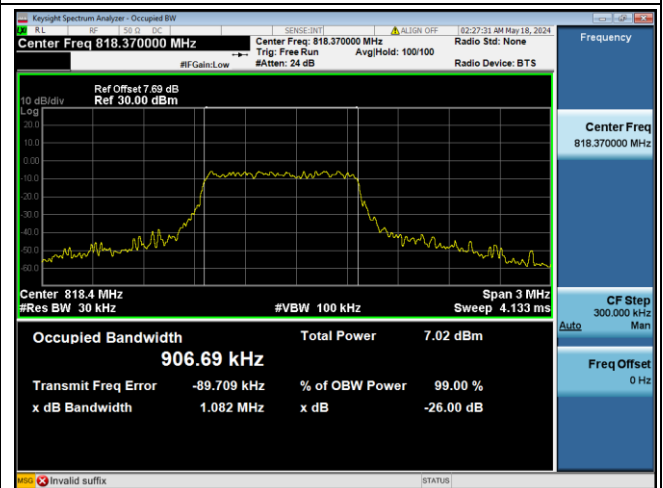
## 16QAM Low channel



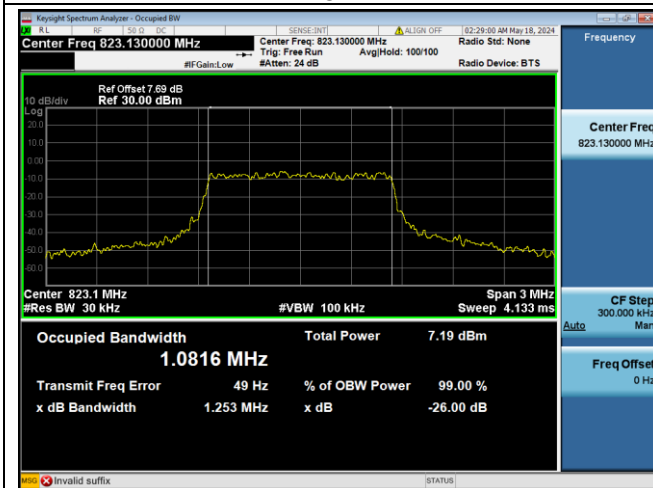
## QPSK Middle channel



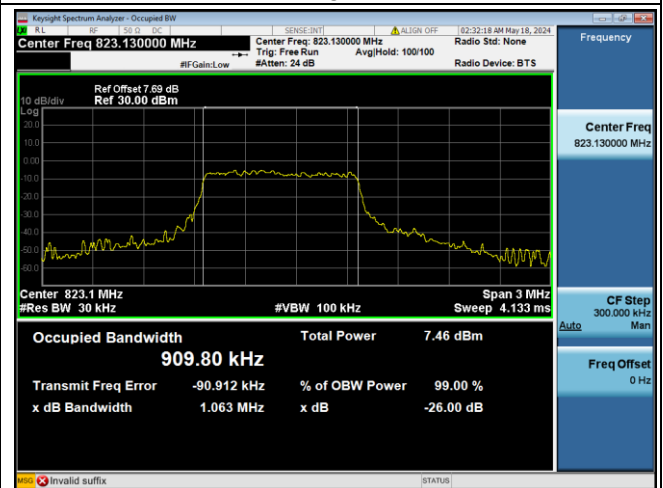
## 16QAM Middle channel



## QPSK High channel

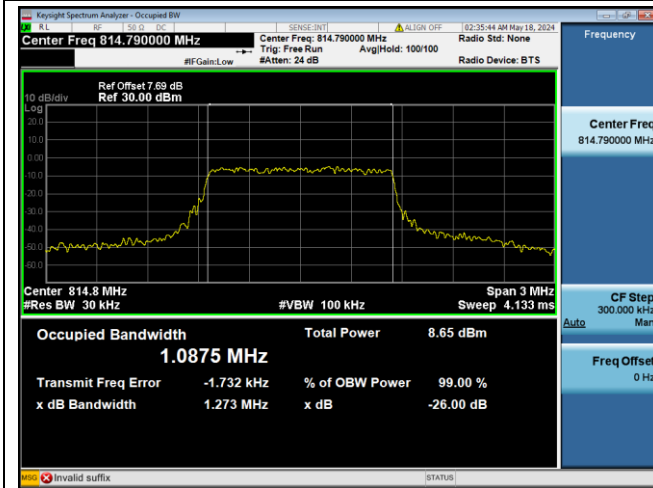


## 16QAM High channel

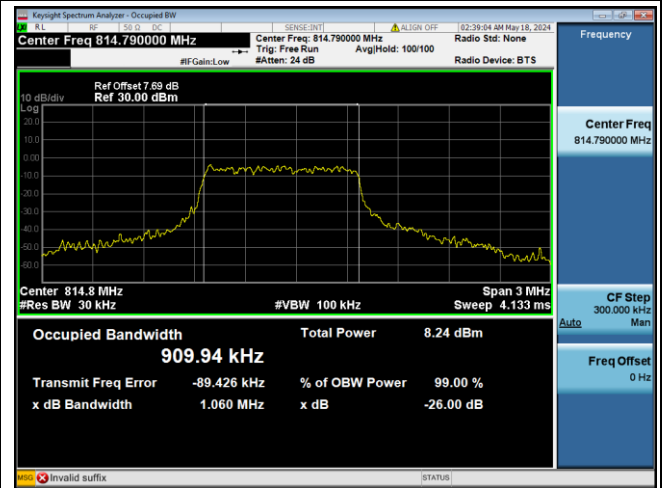


# LTE Band 26a, Nominal Bandwidth: 5MHz, OBW & 26dB Bandwidth

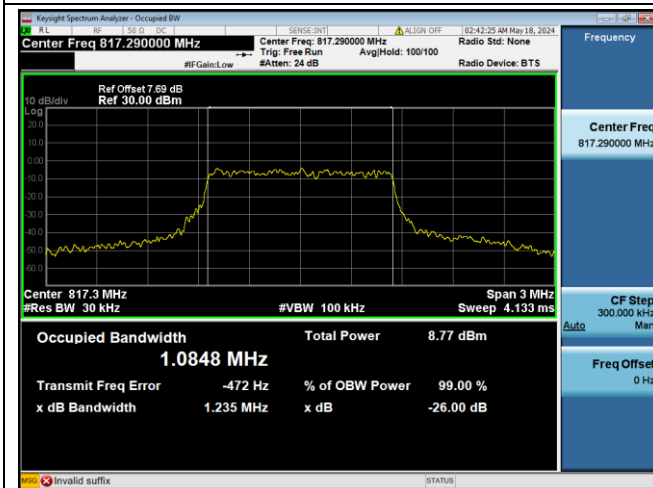
## QPSK Low channel



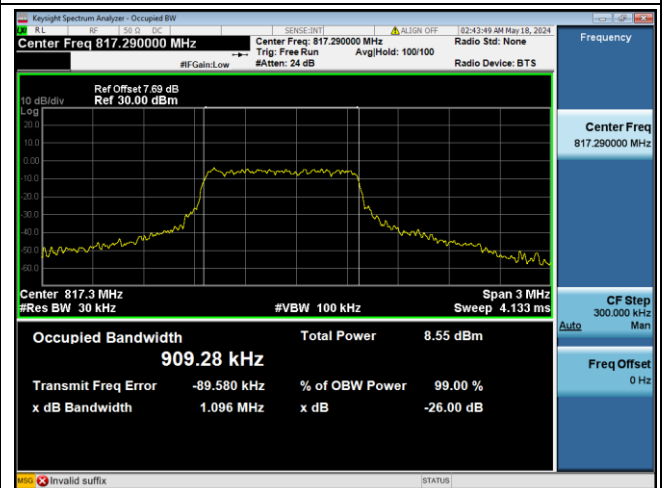
## 16QAM Low channel



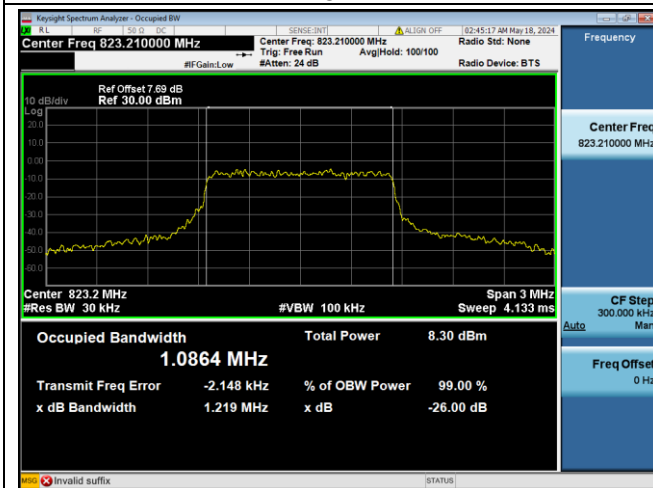
## QPSK Middle channel



## 16QAM Middle channel



## QPSK High channel

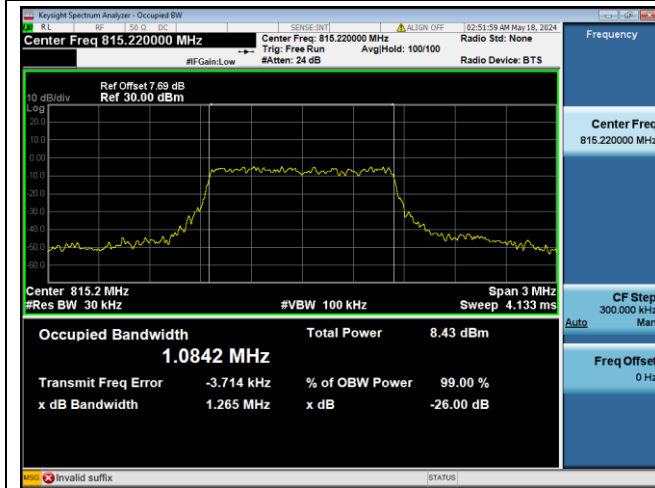


## 16QAM High channel



LTE Band 26a, Nominal Bandwidth: 10MHz, OBW & 26dB Bandwidth

QPSK Middle channel



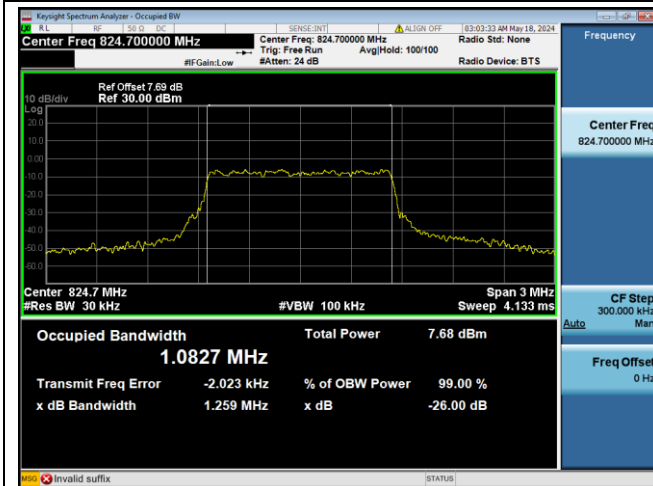
16QAM Middle channel



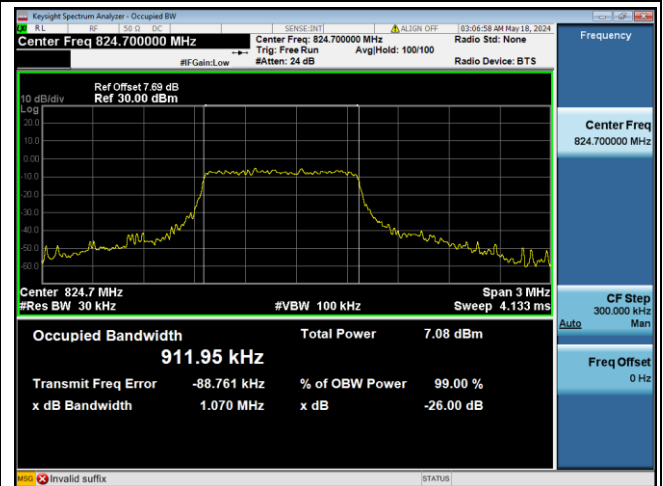
| LTE Band 26b      |            |                |                  |         |         |
|-------------------|------------|----------------|------------------|---------|---------|
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 1.4 MHz           | QPSK       | OBW            | 1.0827           | 1.0822  | 1.0898  |
|                   |            | 26dB bandwidth | 1.259            | 1.241   | 1.283   |
|                   | 16QAM      | OBW            | 0.91195          | 0.91217 | 0.91119 |
|                   |            | 26dB bandwidth | 1.070            | 1.064   | 1.101   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 3.0 MHz           | QPSK       | OBW            | 1.0854           | 1.0837  | 1.0826  |
|                   |            | 26dB bandwidth | 1.249            | 1.271   | 1.232   |
|                   | 16QAM      | OBW            | 0.91194          | 0.91307 | 0.91530 |
|                   |            | 26dB bandwidth | 1.051            | 1.103   | 1.081   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 5.0 MHz           | QPSK       | OBW            | 1.0802           | 1.0878  | 1.0885  |
|                   |            | 26dB bandwidth | 1.244            | 1.259   | 1.290   |
|                   | 16QAM      | OBW            | 0.91068          | 0.90984 | 0.91029 |
|                   |            | 26dB bandwidth | 1.065            | 1.110   | 1.096   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 10.0 MHz          | QPSK       | OBW            | 1.0826           | 1.0889  | 1.0897  |
|                   |            | 26dB bandwidth | 1.218            | 1.226   | 1.273   |
|                   | 16QAM      | OBW            | 0.91185          | 0.91050 | 0.91842 |
|                   |            | 26dB bandwidth | 1.120            | 1.098   | 1.114   |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |         |         |
|                   |            |                | LCH              | MCH     | HCH     |
| 15.0 MHz          | QPSK       | OBW            | 1.0827           | 1.0865  | 1.0952  |
|                   |            | 26dB bandwidth | 1.256            | 1.268   | 1.277   |
|                   | 16QAM      | OBW            | 0.91488          | 0.91599 | 0.91294 |
|                   |            | 26dB bandwidth | 1.102            | 1.091   | 1.113   |

# LTE Band 26b, Nominal Bandwidth: 1.4MHz, OBW & 26dB Bandwidth

## QPSK Low channel



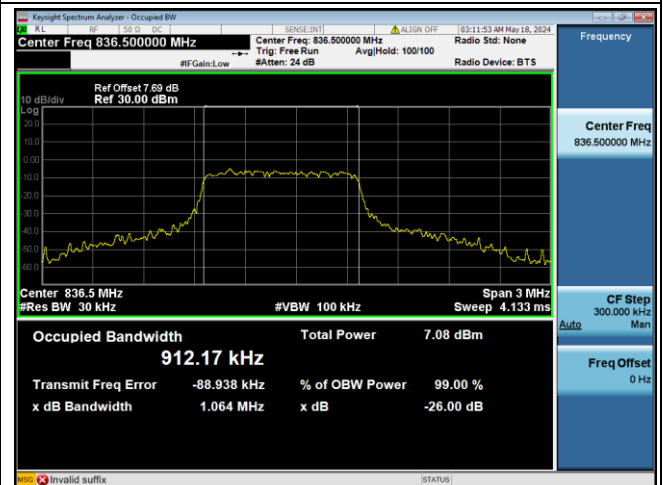
## 16QAM Low channel



## QPSK Middle channel



## 16QAM Middle channel



## QPSK High channel



## 16QAM High channel

