

# LTE Cat M Appendix-CSE

## LTE FDD Band 2, Nominal Bandwidth: 1.4MHz, 1RB#0

### QPSK Low channel-30MHz~10GHz



### QPSK Low channel-10GHz~20GHz



### QPSK Middle channel-30MHz~10GHz



### QPSK Middle channel-10GHz~20GHz



### QPSK High channel-30MHz~10GHz



### QPSK High channel-10GHz~20GHz



# LTE FDD Band 2, Nominal Bandwidth: 3.0MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz





# LTE FDD Band 2, Nominal Bandwidth: 5.0MHz, 1RB#0

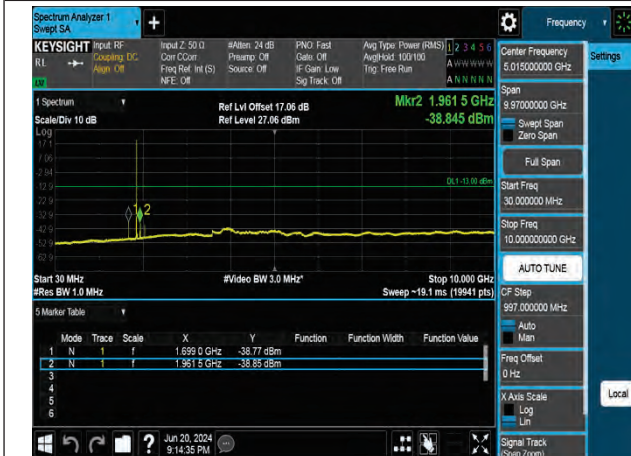
## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz



# LTE FDD Band 2, Nominal Bandwidth: 10MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz





# LTE FDD Band 2, Nominal Bandwidth: 15MHz, 1RB#0

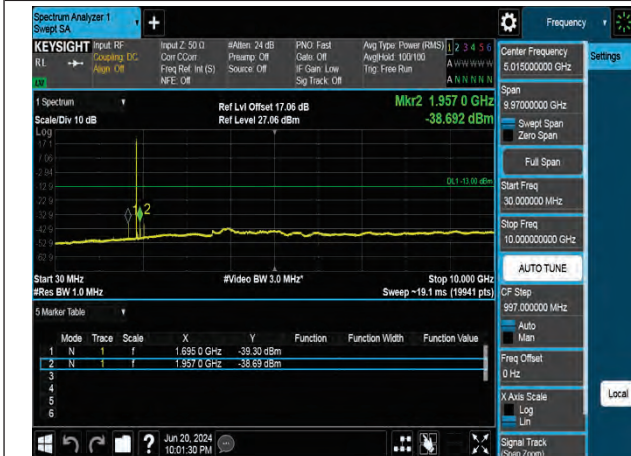
## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz



# LTE FDD Band 2, Nominal Bandwidth: 20MHz, 1RB#0

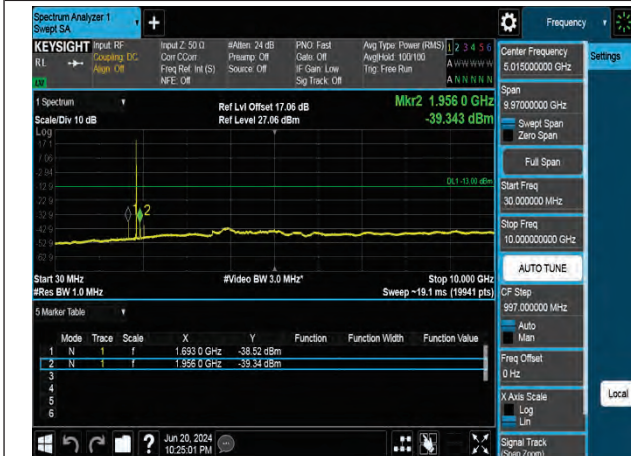
## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz



Note: All modes have been tested and we found QPSK modulation, 1RB@0 test mode has the worst test result. Only record the worst test result.





# LTE FDD Band 4, Nominal Bandwidth: 3.0MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz





# LTE FDD Band 4, Nominal Bandwidth: 5.0MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz



# LTE FDD Band 4, Nominal Bandwidth: 10MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz





# LTE FDD Band 4, Nominal Bandwidth: 15MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK Low channel-10GHz~20GHz



## QPSK Middle channel-30MHz~10GHz



## QPSK Middle channel-10GHz~20GHz



## QPSK High channel-30MHz~10GHz



## QPSK High channel-10GHz~20GHz



LTE FDD Band 4, Nominal Bandwidth: 20MHz, 1RB#0

|                              |
|------------------------------|
| QPSK Low channel-30MHz~10GHz |
|------------------------------|



|                              |
|------------------------------|
| QPSK Low channel-10GHz~20GHz |
|------------------------------|



QPSK Middle channel-30MHz~10GHz



|                                 |
|---------------------------------|
| QPSK Middle channel-10GHz~20GHz |
|---------------------------------|



QPSK High channel-30MHz~10GHz



|                               |
|-------------------------------|
| QPSK High channel-10GHz~20GHz |
|-------------------------------|



Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.

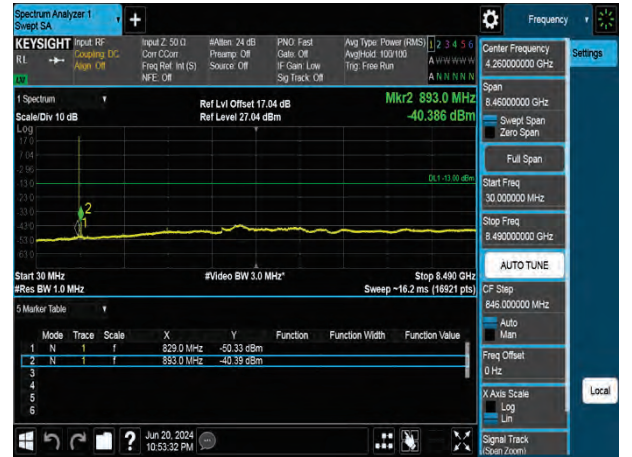


# LTE FDD Band 5, Nominal Bandwidth: 1.4MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK High channel-30MHz~10GHz



## QPSK Middle channel-30MHz~10GHz

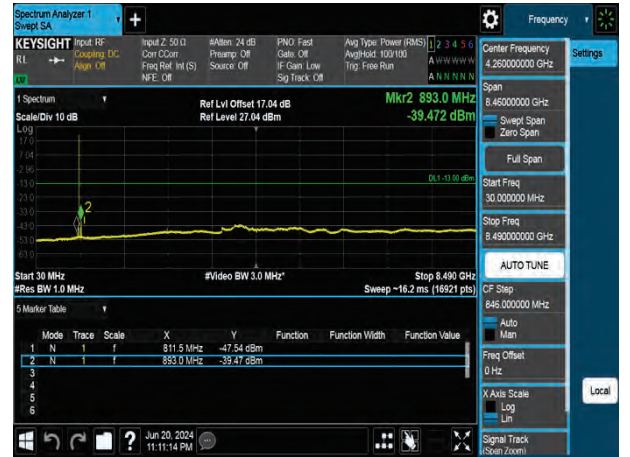


# LTE FDD Band 5, Nominal Bandwidth: 3.0MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK High channel-30MHz~10GHz



## QPSK Middle channel-30MHz~10GHz



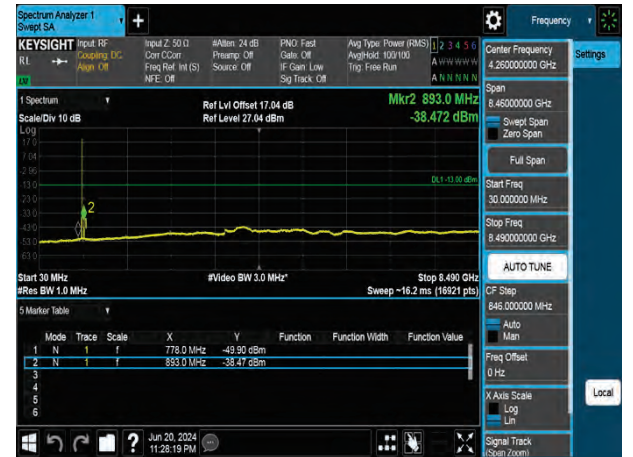


# LTE FDD Band 5, Nominal Bandwidth: 5.0MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK High channel-30MHz~10GHz



## QPSK Middle channel-30MHz~10GHz



# LTE FDD Band 5, Nominal Bandwidth: 10MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK High channel-30MHz~10GHz



## QPSK Middle channel-30MHz~10GHz



Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.



# LTE FDD Band 12, Nominal Bandwidth: 1.4MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK High channel-30MHz~10GHz



## QPSK Middle channel-30MHz~10GHz



# LTE FDD Band 12, Nominal Bandwidth: 3.0MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK High channel-30MHz~10GHz



## QPSK Middle channel-30MHz~10GHz



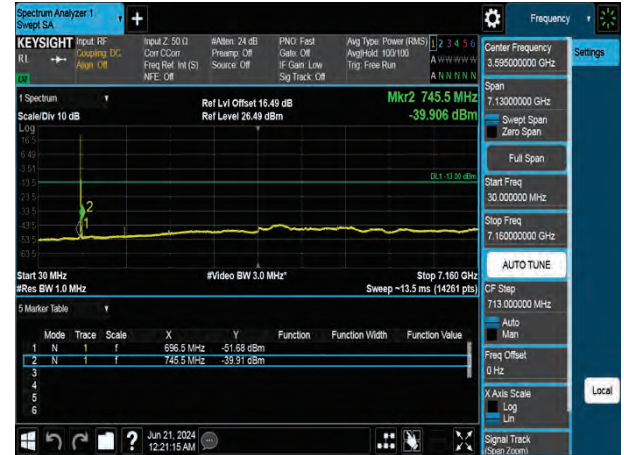


# LTE FDD Band 12, Nominal Bandwidth: 5.0MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK High channel-30MHz~10GHz



## QPSK Middle channel-30MHz~10GHz

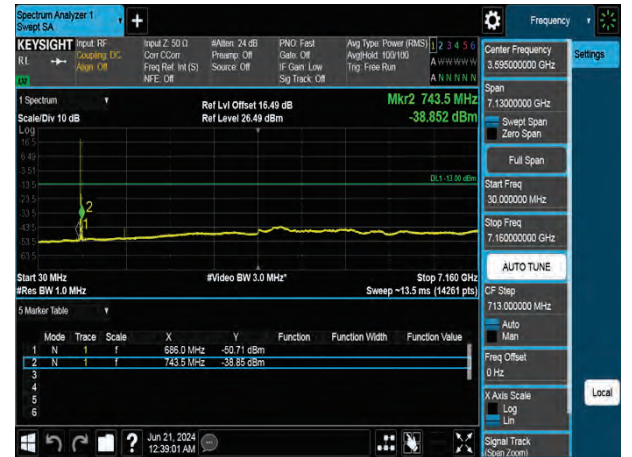


# LTE FDD Band 12, Nominal Bandwidth: 10MHz, 1RB#0

## QPSK Low channel-30MHz~10GHz



## QPSK High channel-30MHz~10GHz



## QPSK Middle channel-30MHz~10GHz



Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.