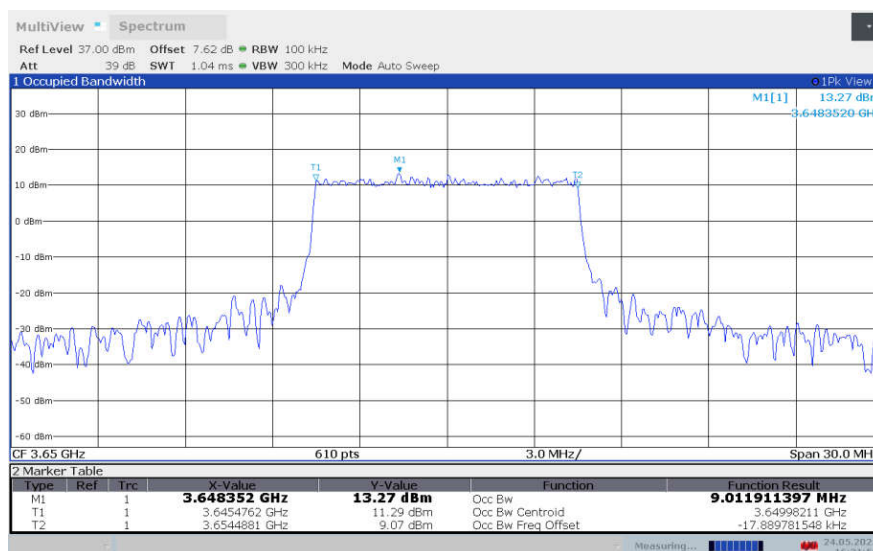
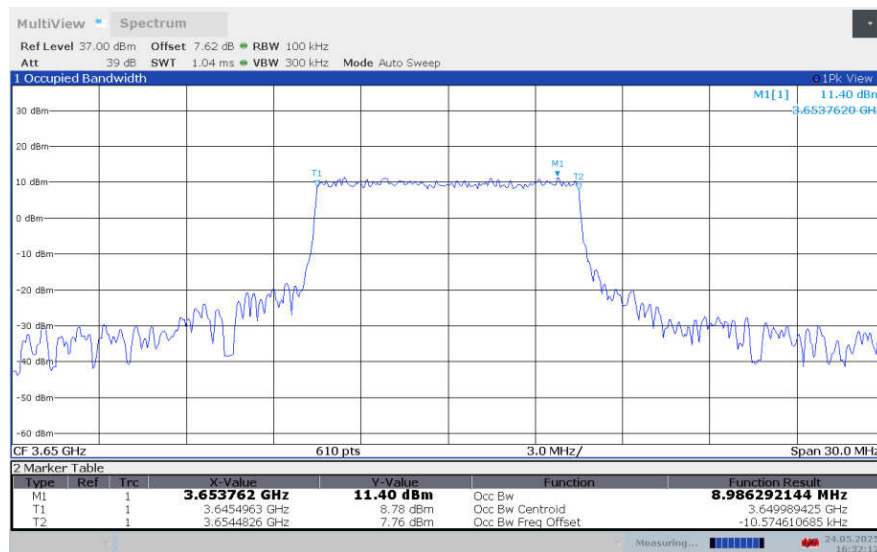


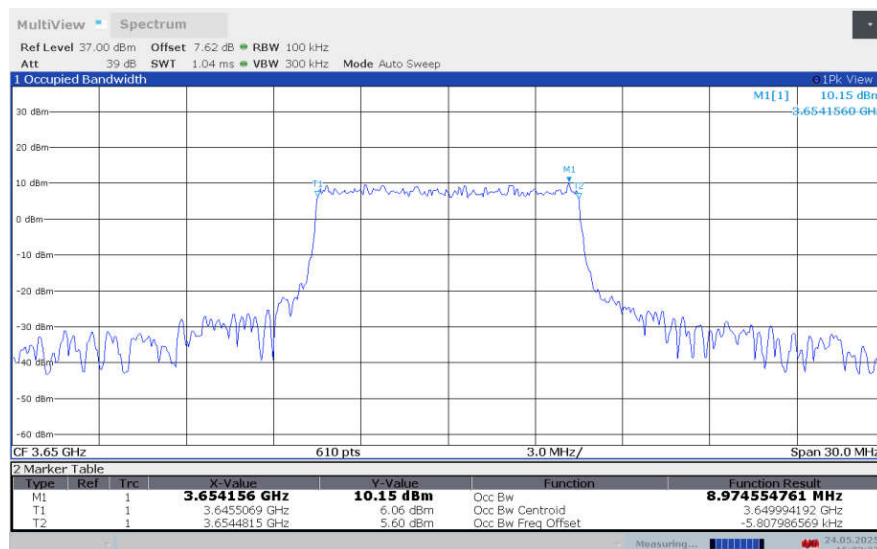
LTE band 43 , 10MHz Bandwidth,MID,16QAM (99% BW)



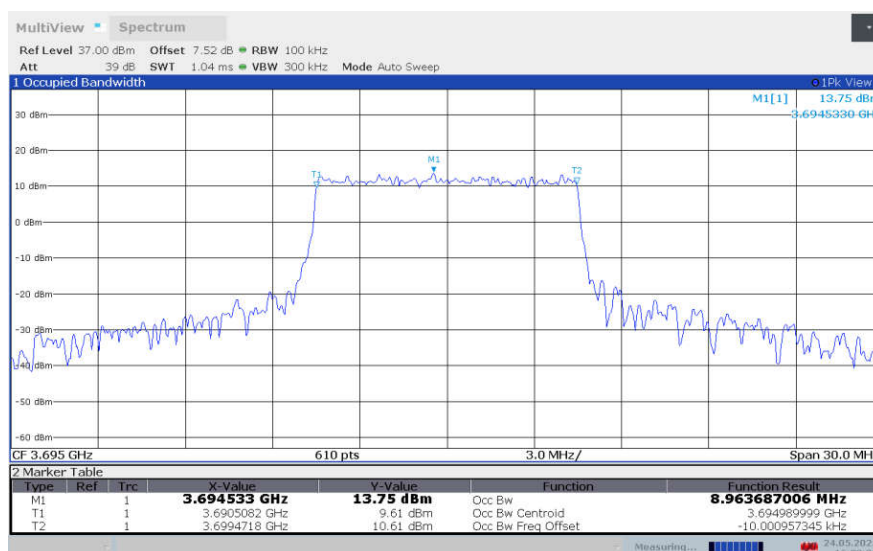
LTE band 43 , 10MHz Bandwidth,MID,64QAM (99% BW)



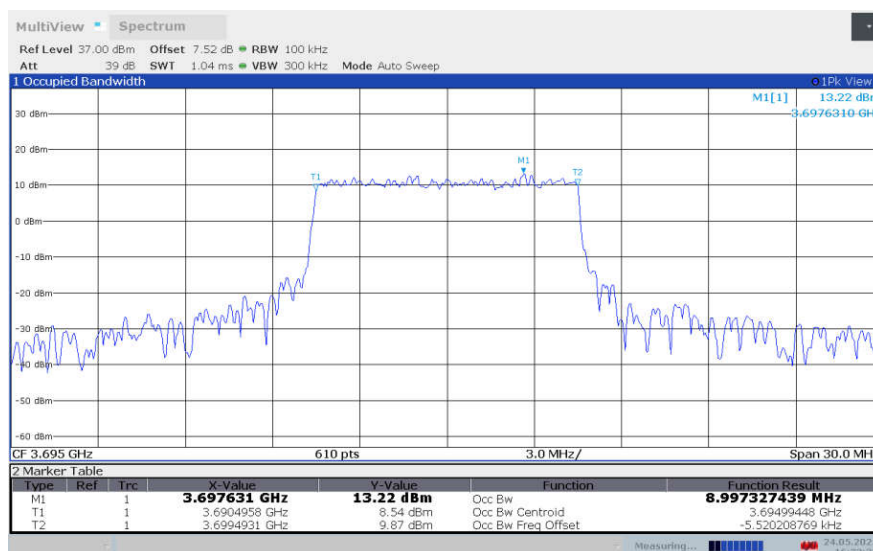
### LTE band 43 , 10MHz Bandwidth,MID,256QAM (99% BW)



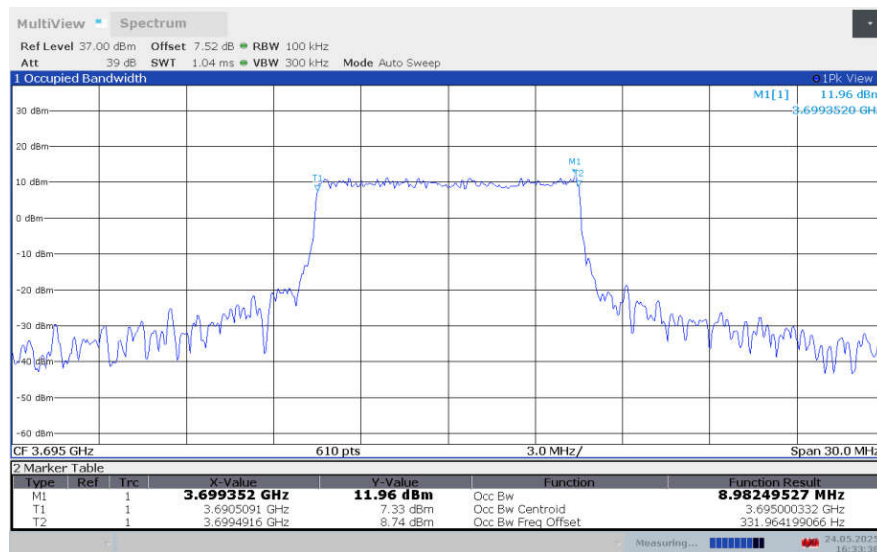
### LTE band 43 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



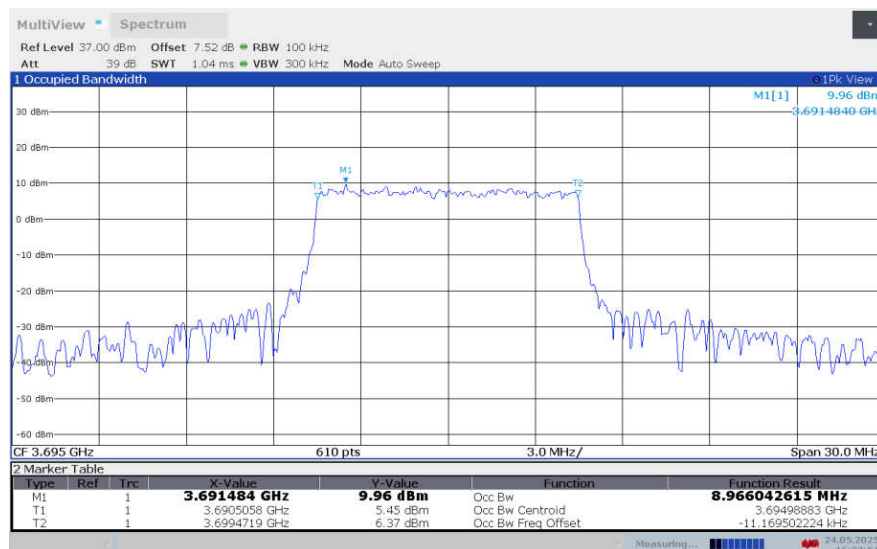
LTE band 43 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 43 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



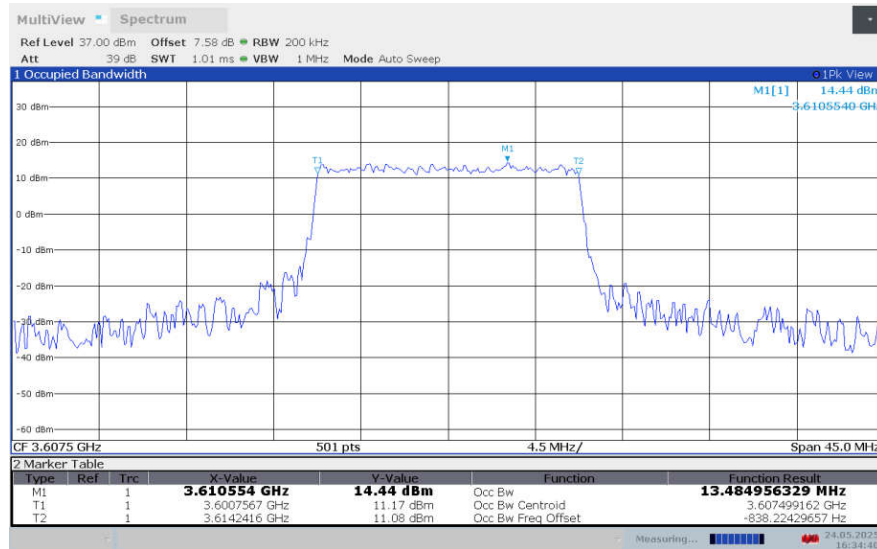
### LTE band 43 , 10MHz Bandwidth,HIGH,256QAM (99% BW)



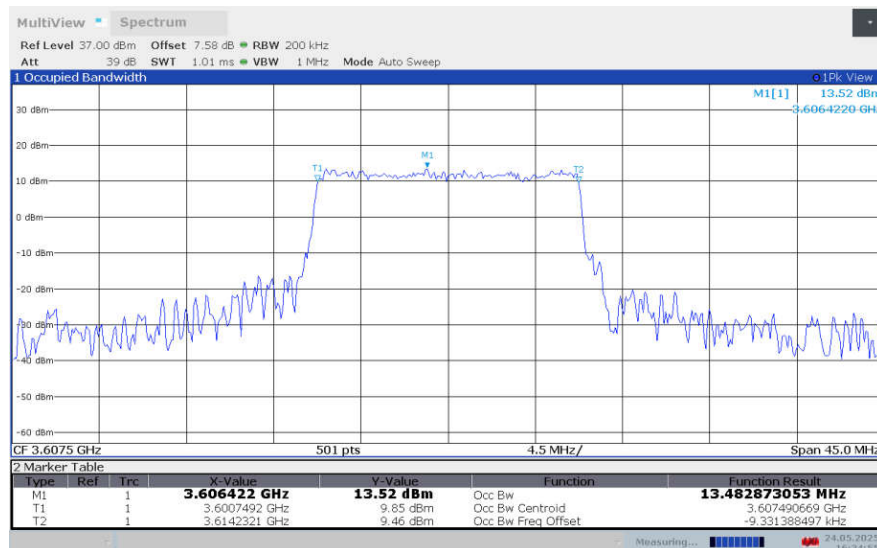
### LTE band 43\_Part96,15MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) |        |        |        |
|-----------------|-------------------------------|--------|--------|--------|
|                 | QPSK                          | 16QAM  | 64QAM  | 256QAM |
| 3607.5          | 13.485                        | 13.483 | 13.494 | 13.484 |
| 3650            | 13.514                        | 13.506 | 13.465 | 13.520 |
| 3692.5          | 13.496                        | 13.485 | 13.497 | 13.493 |

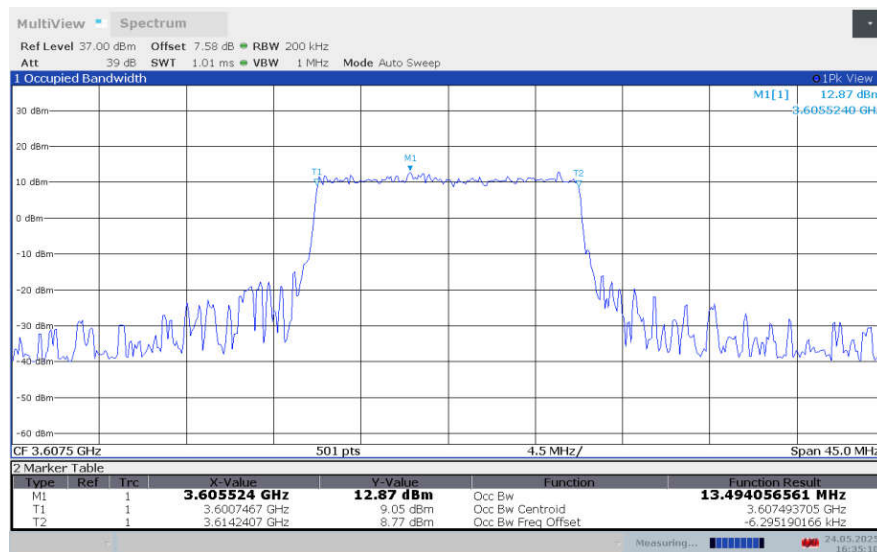
### LTE band 43 , 15MHz Bandwidth,LOW,QPSK (99% BW)



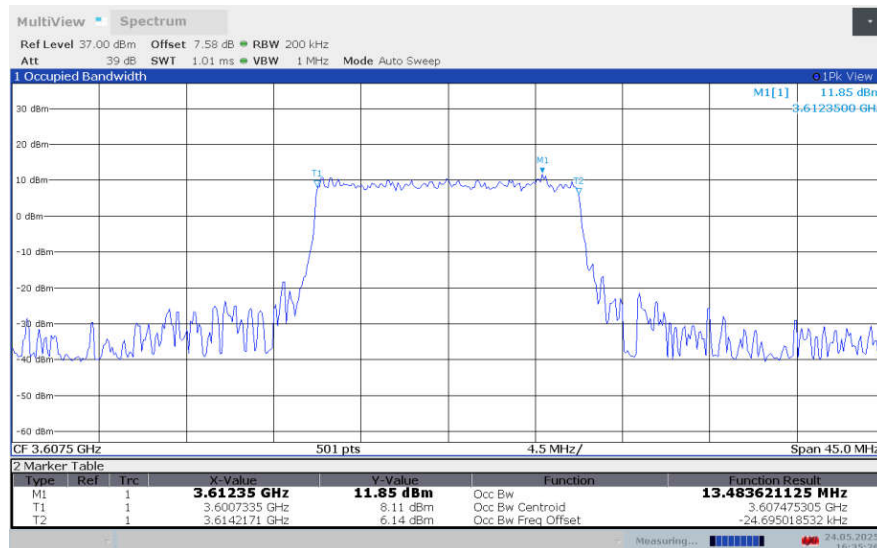
### LTE band 43 , 15MHz Bandwidth,LOW,16QAM (99% BW)



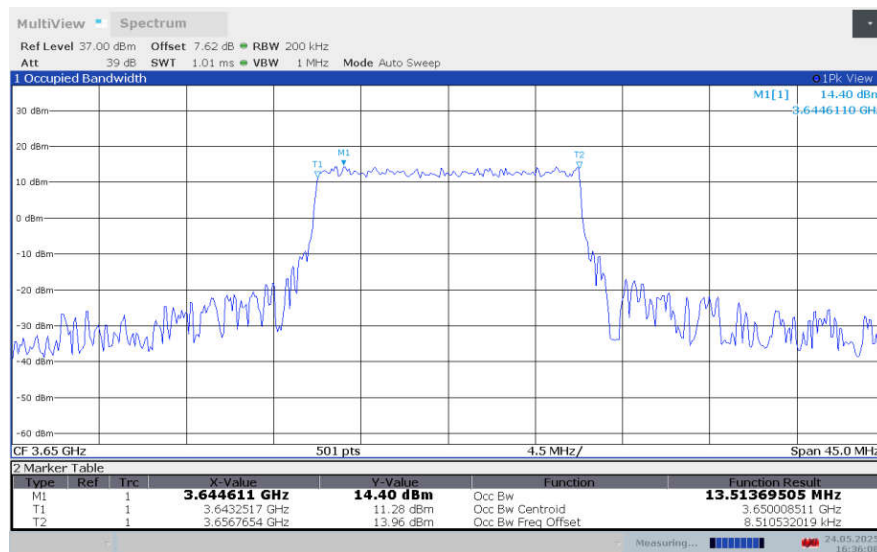
### LTE band 43 , 15MHz Bandwidth,LOW,64QAM (99% BW)



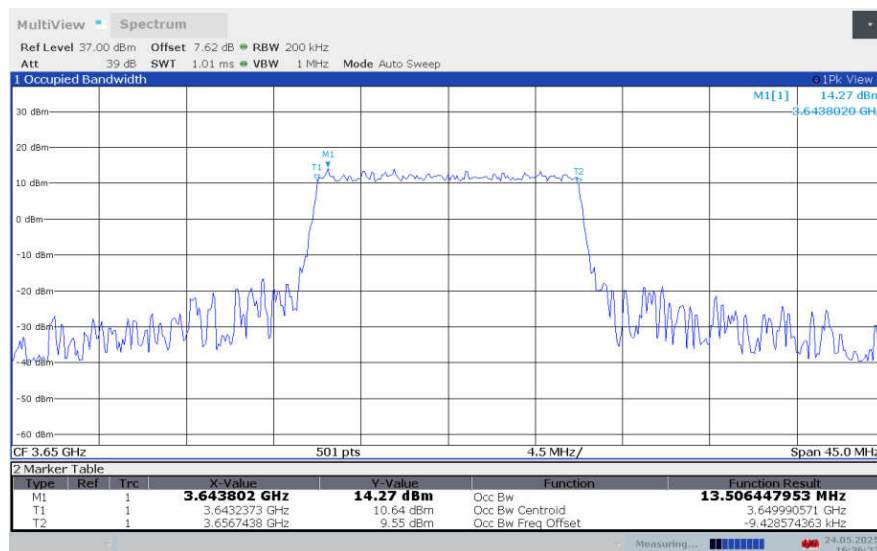
### LTE band 43 , 15MHz Bandwidth,LOW,256QAM (99% BW)



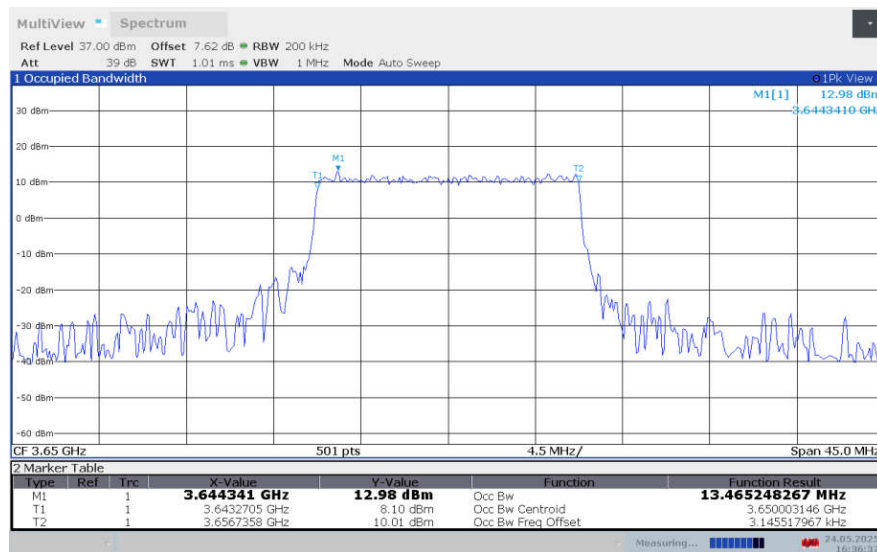
### LTE band 43 , 15MHz Bandwidth,MID,QPSK (99% BW)



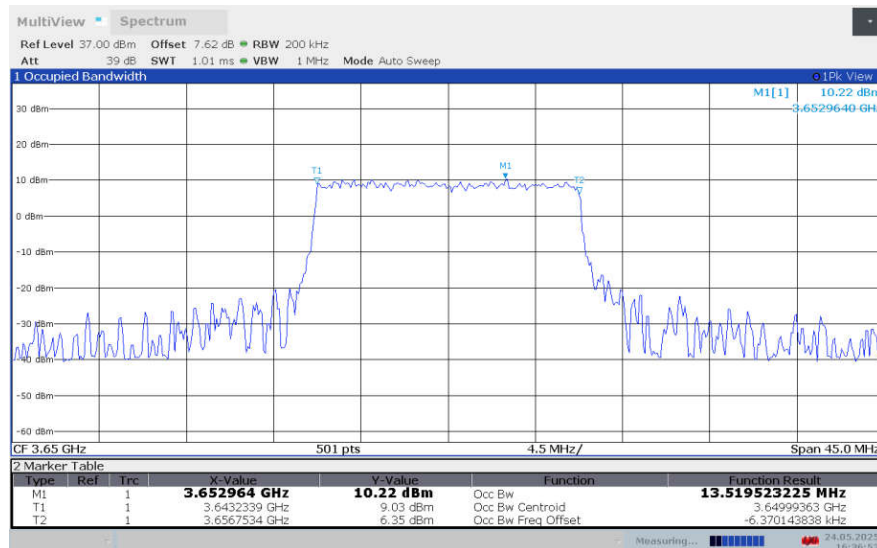
**LTE band 43 , 15MHz Bandwidth,MID,16QAM (99% BW)**



**LTE band 43 , 15MHz Bandwidth,MID,64QAM (99% BW)**

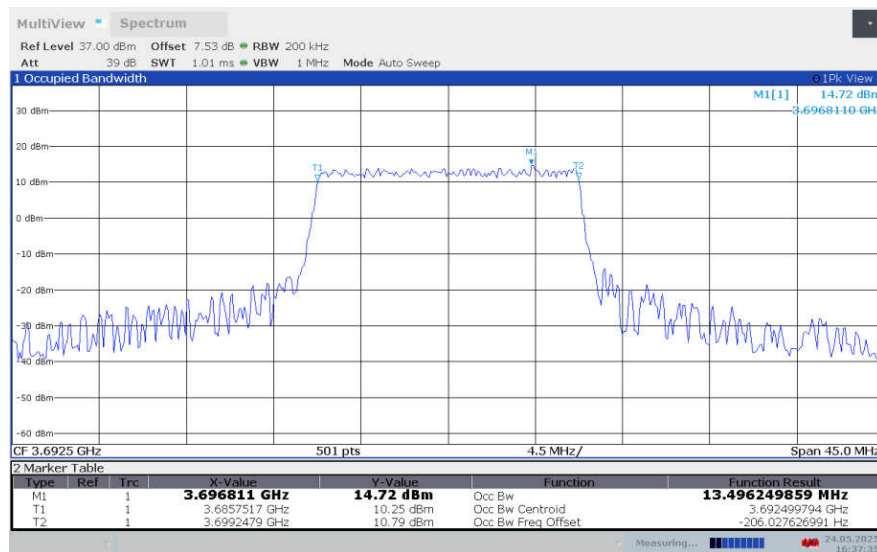


### LTE band 43 , 15MHz Bandwidth,MID,256QAM (99% BW)

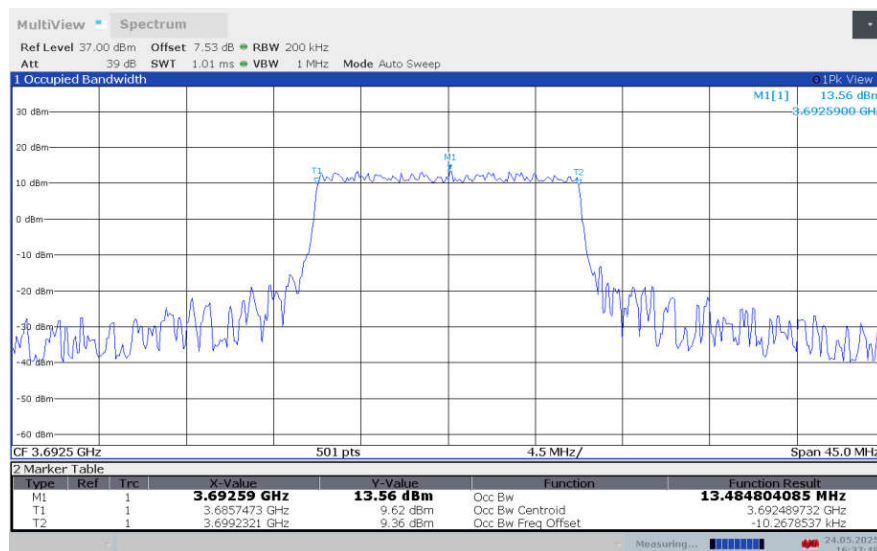


### LTE band 43 , 15MHz Bandwidth,HIGH,QPSK (99% BW)

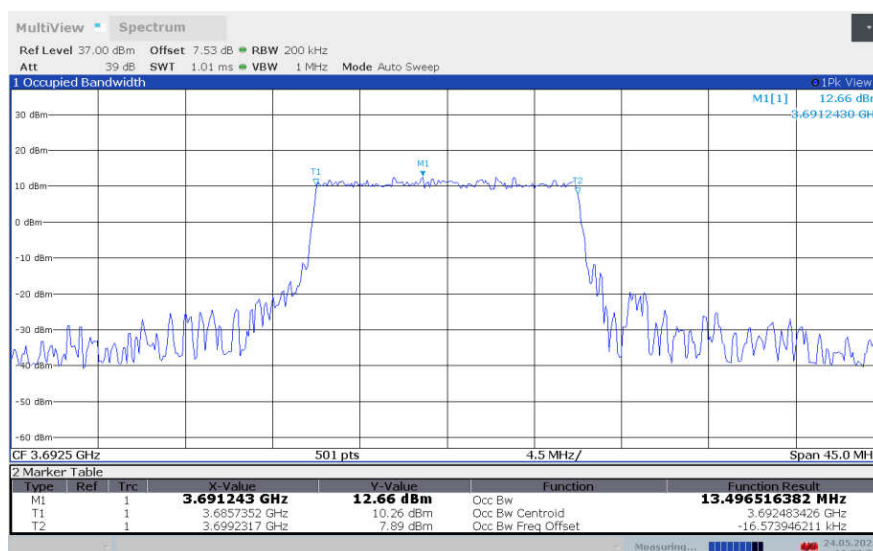




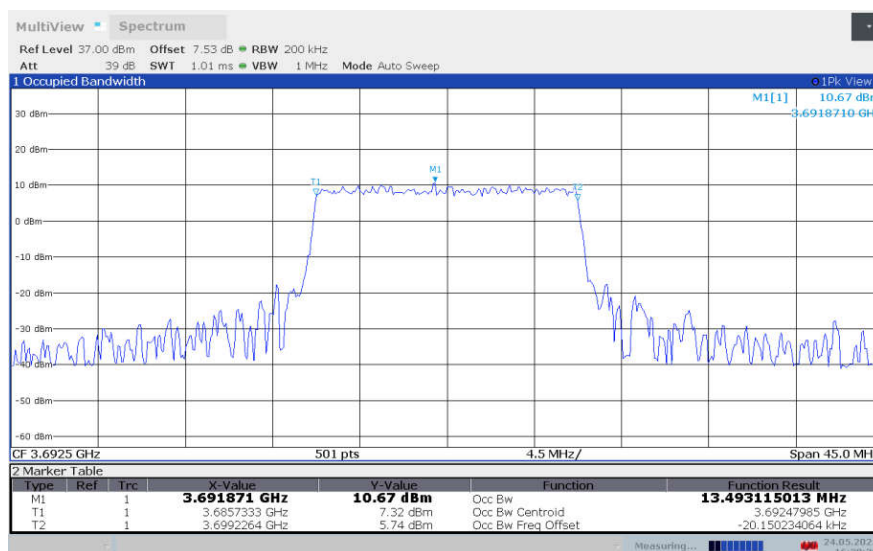
**LTE band 43 , 15MHz Bandwidth,HIGH,16QAM (99% BW)**



**LTE band 43 , 15MHz Bandwidth,HIGH,64QAM (99% BW)**



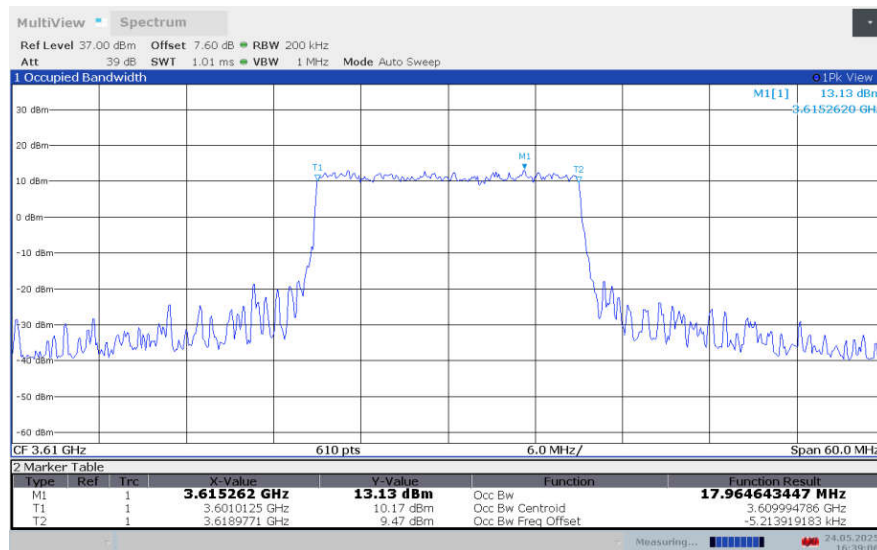
### LTE band 43 , 15MHz Bandwidth,HIGH,256QAM (99% BW)



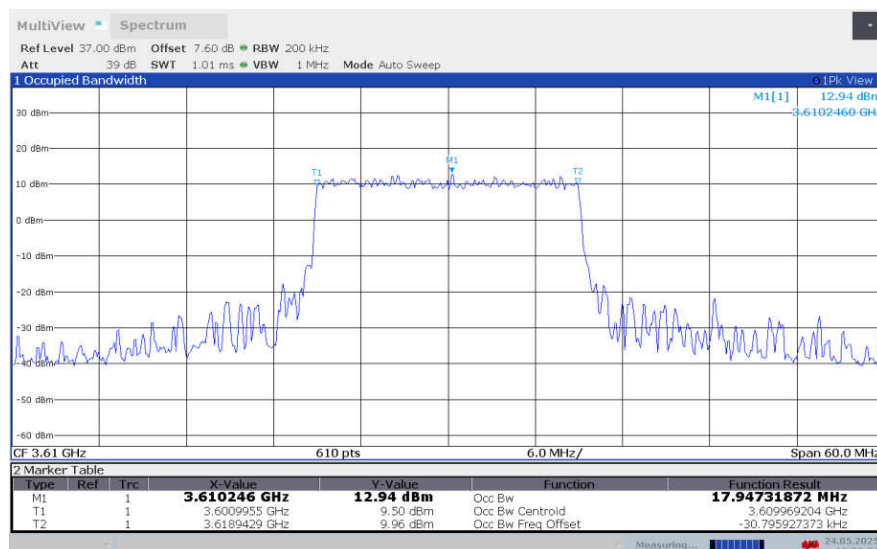
### LTE band 43\_Part96,20MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) |        |        |        |
|-----------------|-------------------------------|--------|--------|--------|
|                 | QPSK                          | 16QAM  | 64QAM  | 256QAM |
| 3610            | 17.965                        | 17.947 | 17.954 | 17.950 |
| 3650            | 17.960                        | 17.923 | 17.949 | 17.920 |
| 3690            | 17.916                        | 17.897 | 17.937 | 17.956 |

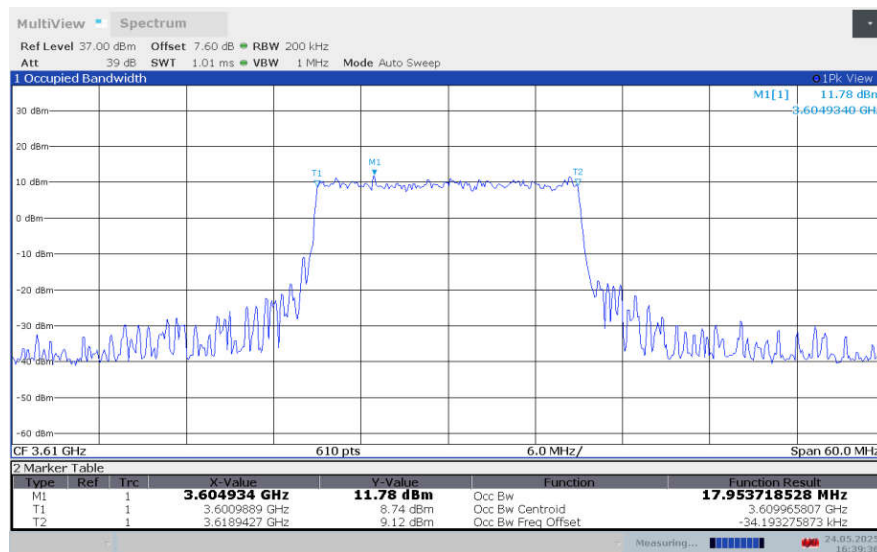
### LTE band 43 , 20MHz Bandwidth,LOW,QPSK (99% BW)



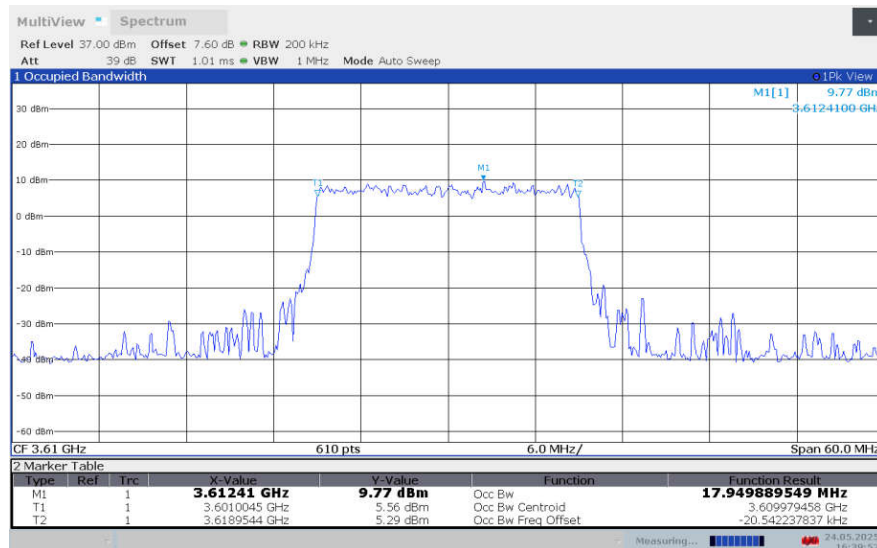
### LTE band 43 , 20MHz Bandwidth,LOW,16QAM (99% BW)



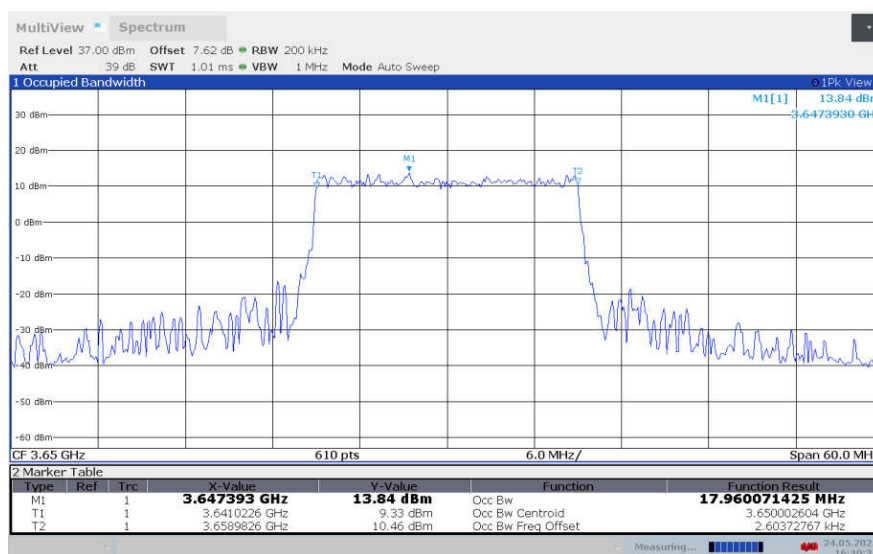
### LTE band 43 , 20MHz Bandwidth,LOW,64QAM (99% BW)



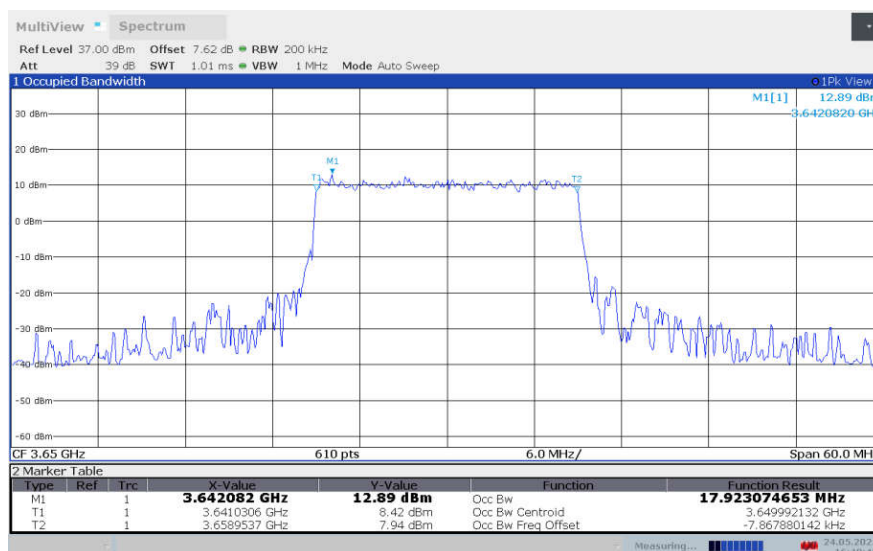
### LTE band 43 , 20MHz Bandwidth,LOW,256QAM (99% BW)



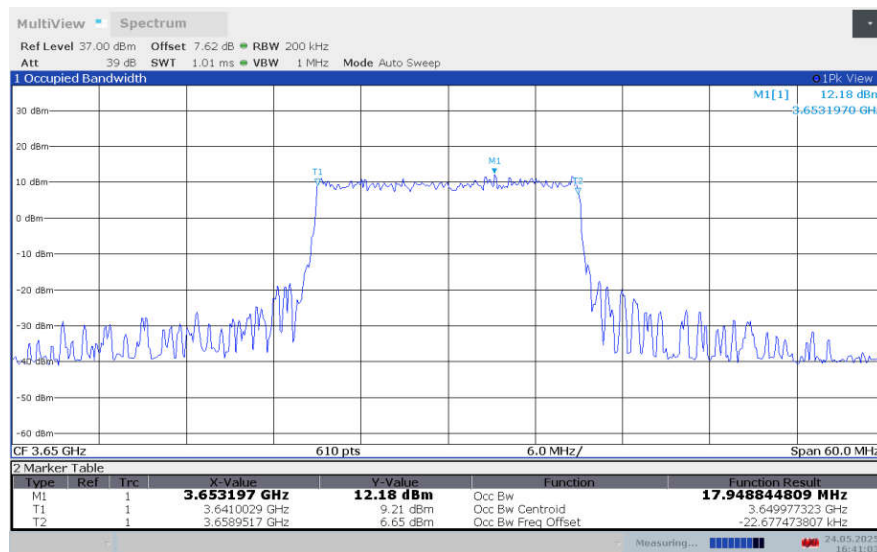
### LTE band 43 , 20MHz Bandwidth,MID,QPSK (99% BW)



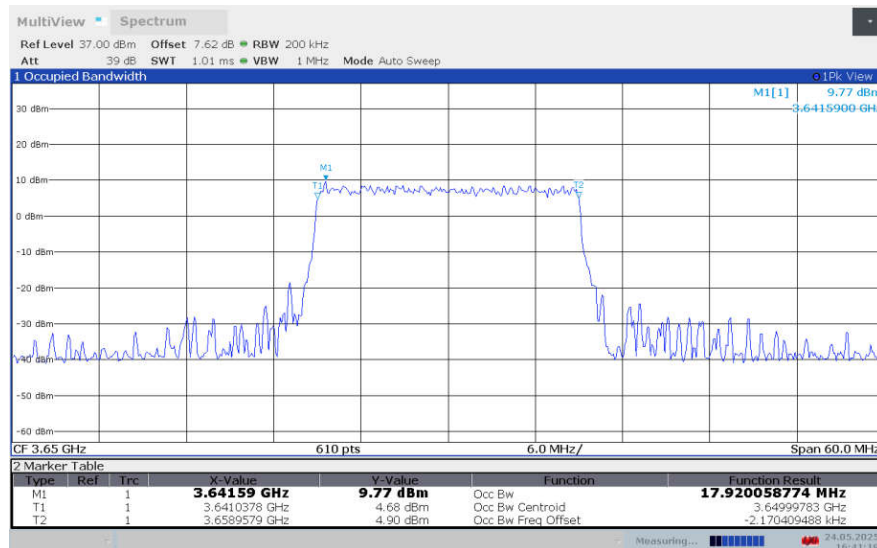
LTE band 43 , 20MHz Bandwidth,MID,16QAM (99% BW)



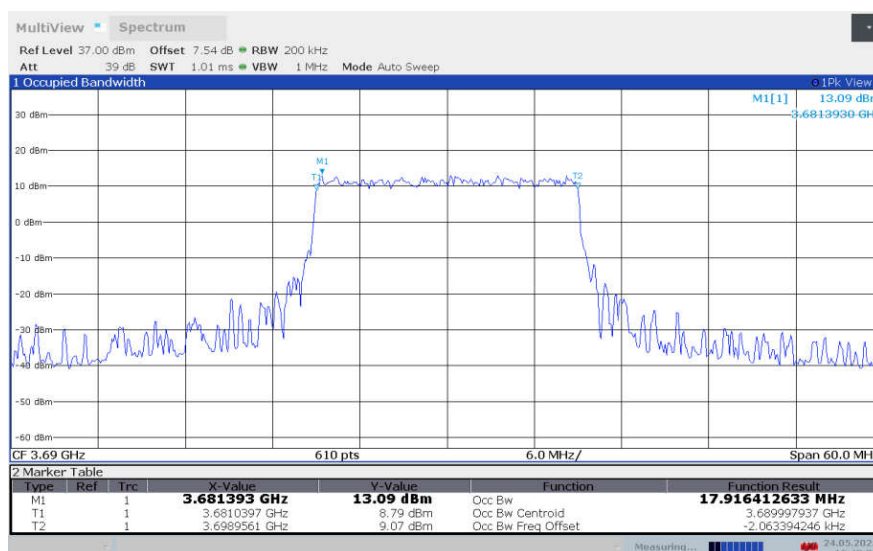
LTE band 43 , 20MHz Bandwidth,MID,64QAM (99% BW)



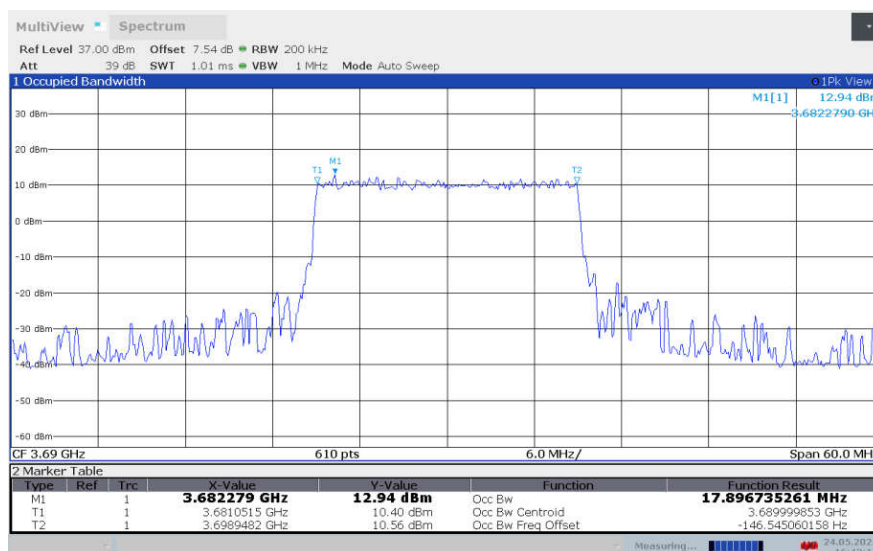
### LTE band 43 , 20MHz Bandwidth,MID,256QAM (99% BW)



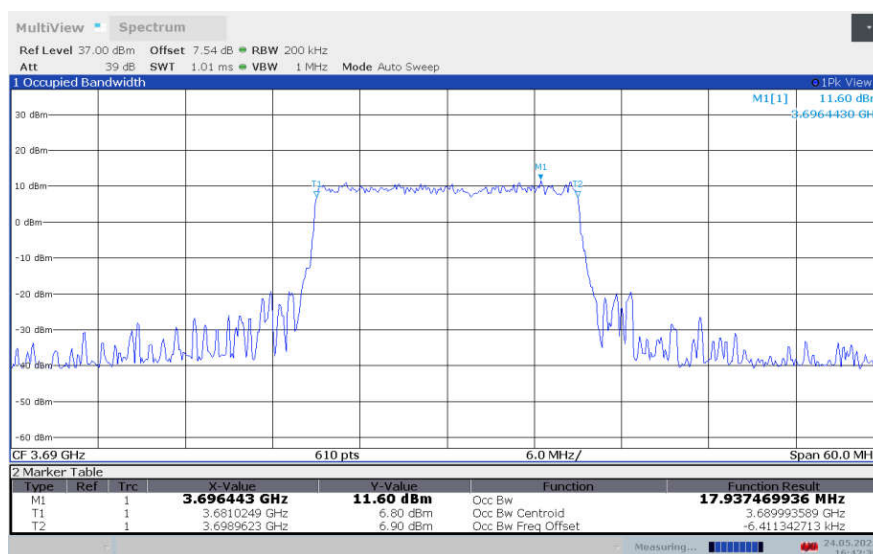
### LTE band 43 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



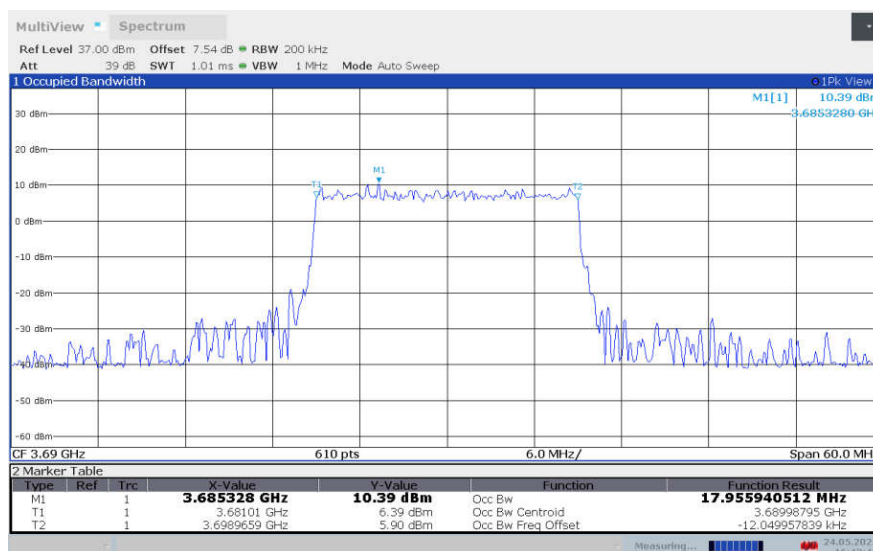
### LTE band 43 , 20MHz Bandwidth,HIGH,16QAM (99% BW)



### LTE band 43 , 20MHz Bandwidth,HIGH,64QAM (99% BW)



### LTE band 43 , 20MHz Bandwidth,HIGH,256QAM (99% BW)

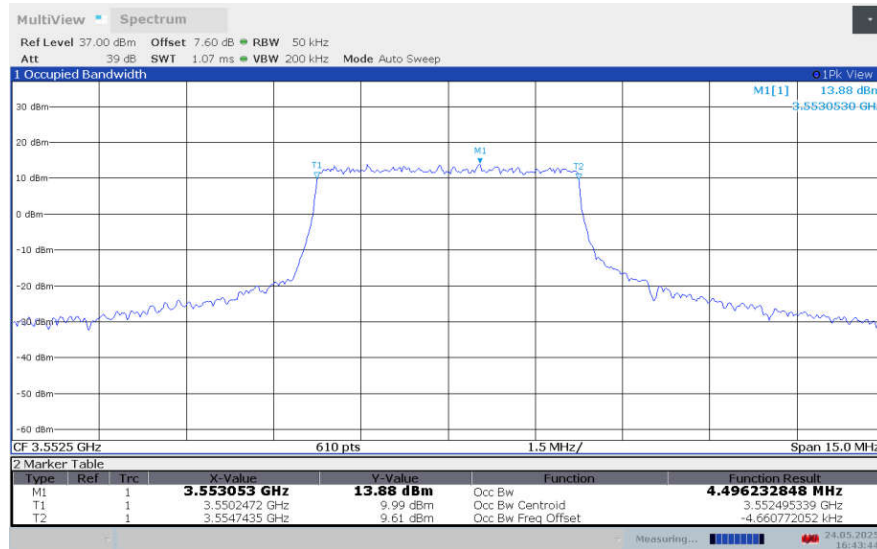




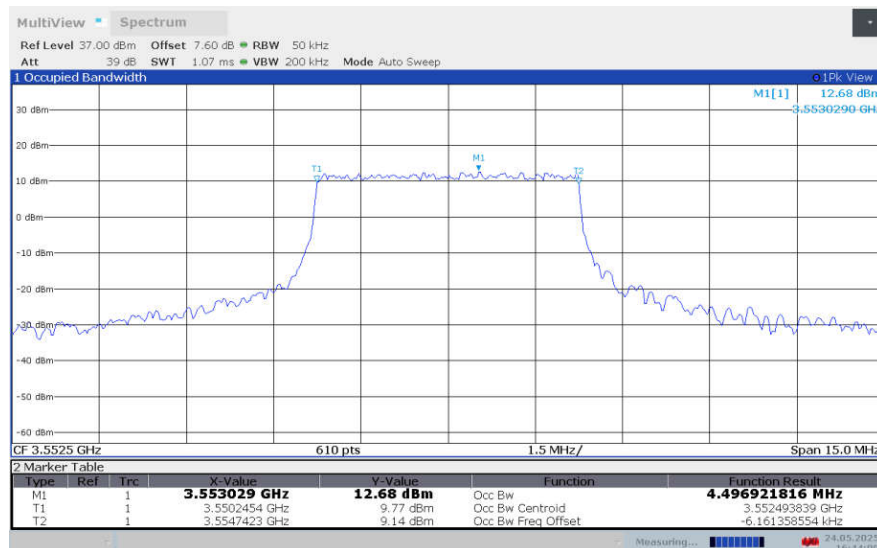
### LTE band 48,5MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) |       |       |        |
|-----------------|-------------------------------|-------|-------|--------|
|                 | QPSK                          | 16QAM | 64QAM | 256QAM |
| 3552.5          | 4.496                         | 4.497 | 4.508 | 4.496  |
| 3625            | 4.499                         | 4.486 | 4.500 | 4.501  |
| 3697.5          | 4.501                         | 4.494 | 4.499 | 4.499  |

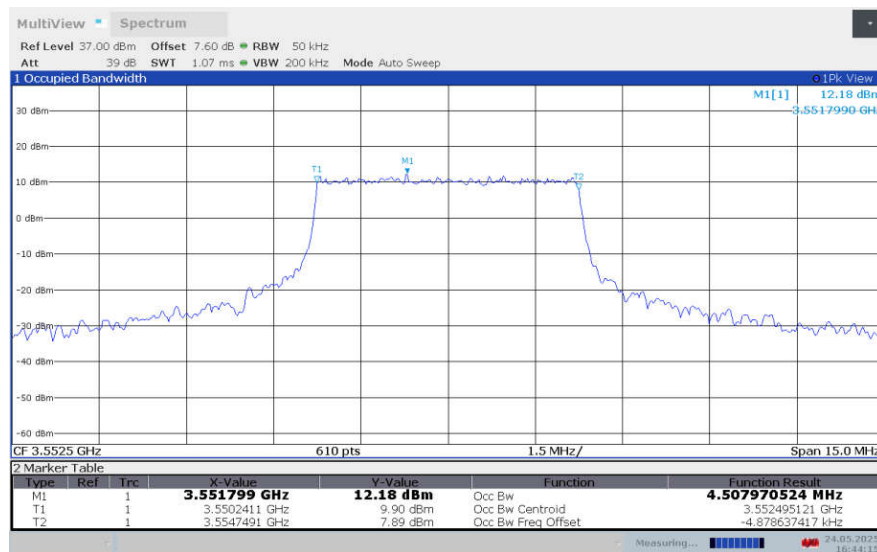
### LTE band 48 , 5MHz Bandwidth,LOW,QPSK (99% BW)



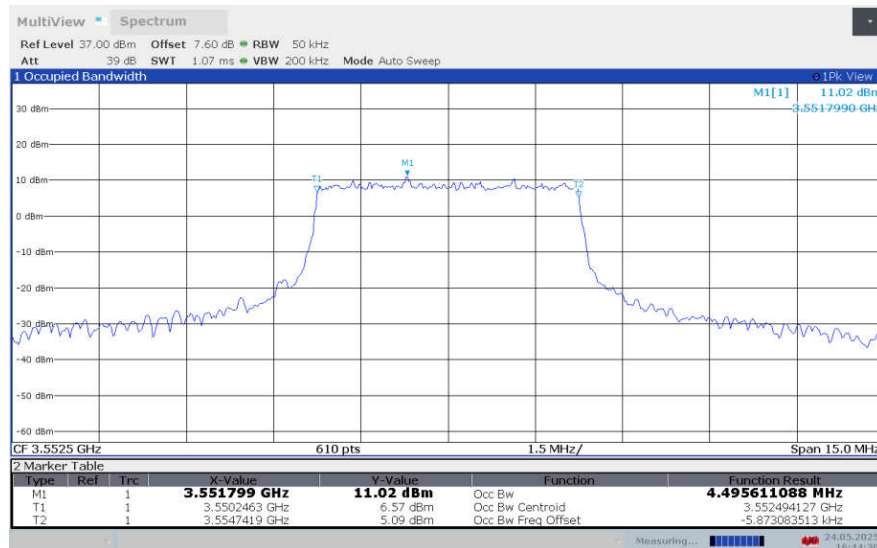
### LTE band 48 , 5MHz Bandwidth,LOW,16QAM (99% BW)



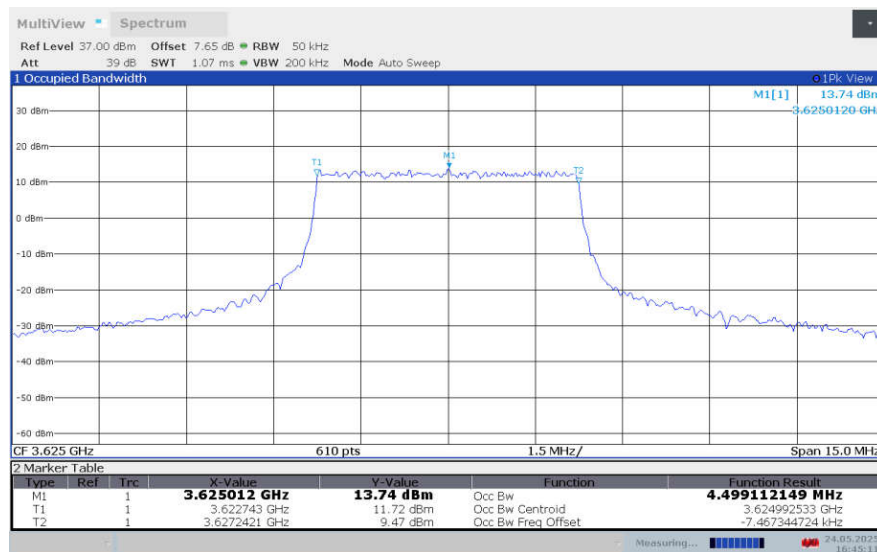
### LTE band 48 , 5MHz Bandwidth,LOW,64QAM (99% BW)



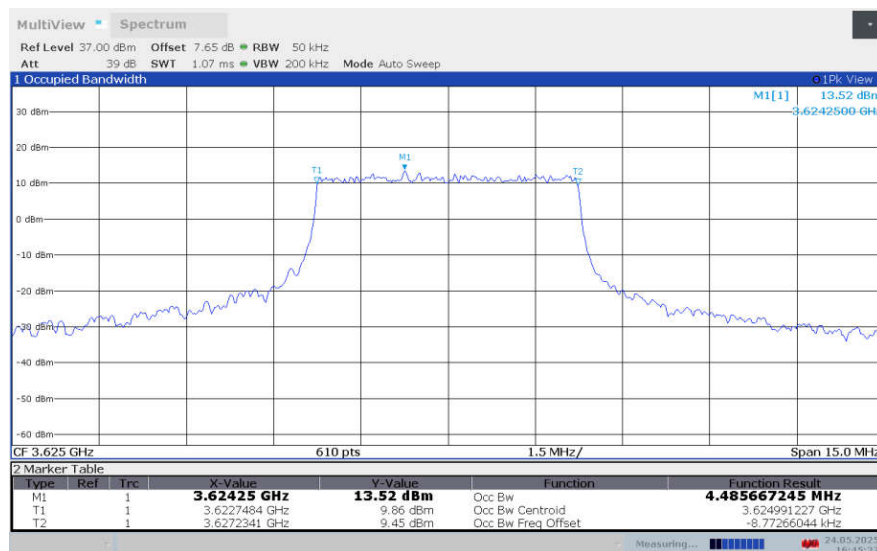
### LTE band 48 , 5MHz Bandwidth,LOW,256QAM (99% BW)



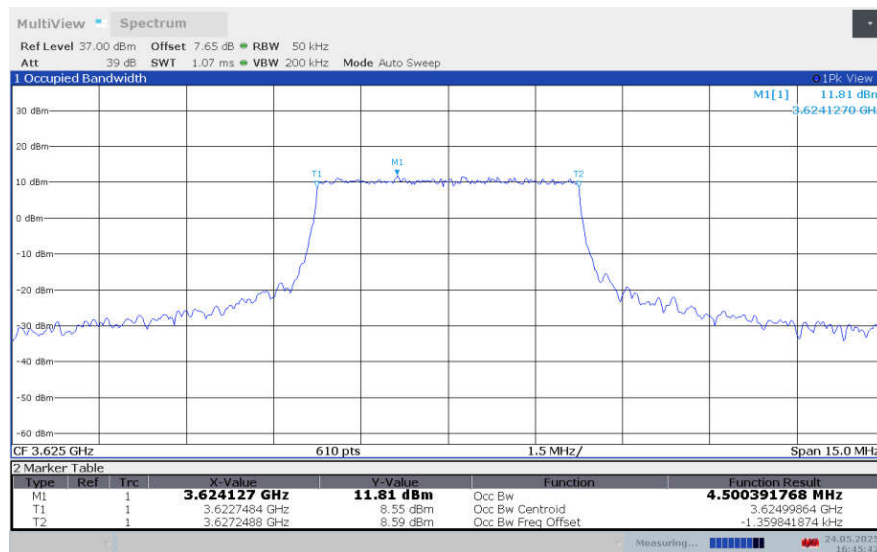
### LTE band 48 , 5MHz Bandwidth,MID,QPSK (99% BW)



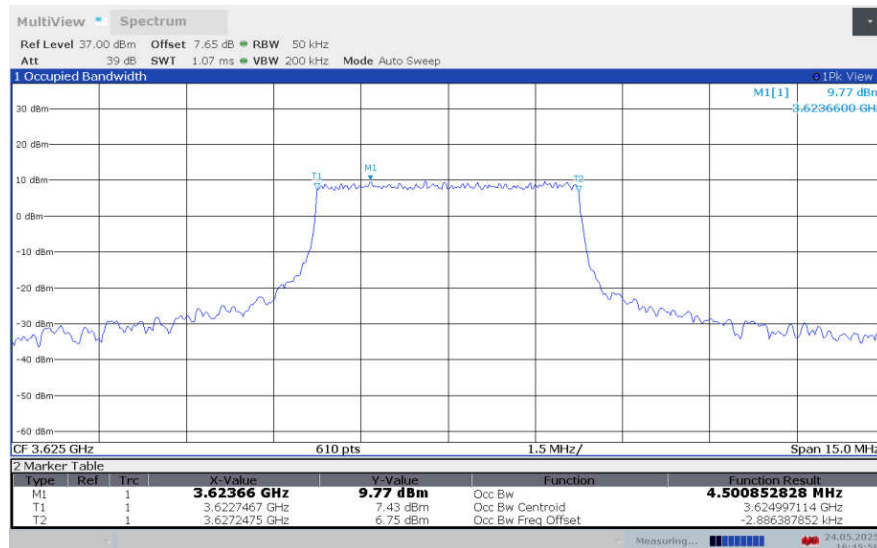
### LTE band 48 , 5MHz Bandwidth,MID,16QAM (99% BW)



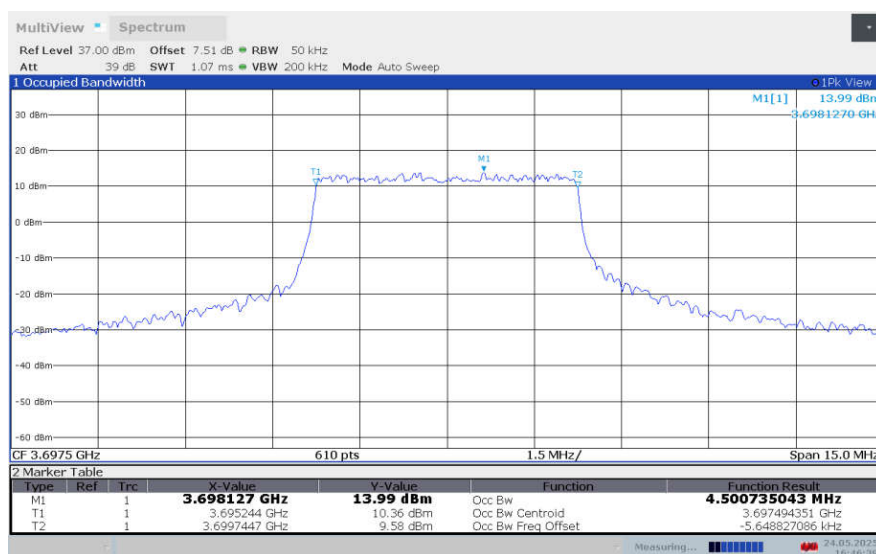
### LTE band 48 , 5MHz Bandwidth,MID,64QAM (99% BW)



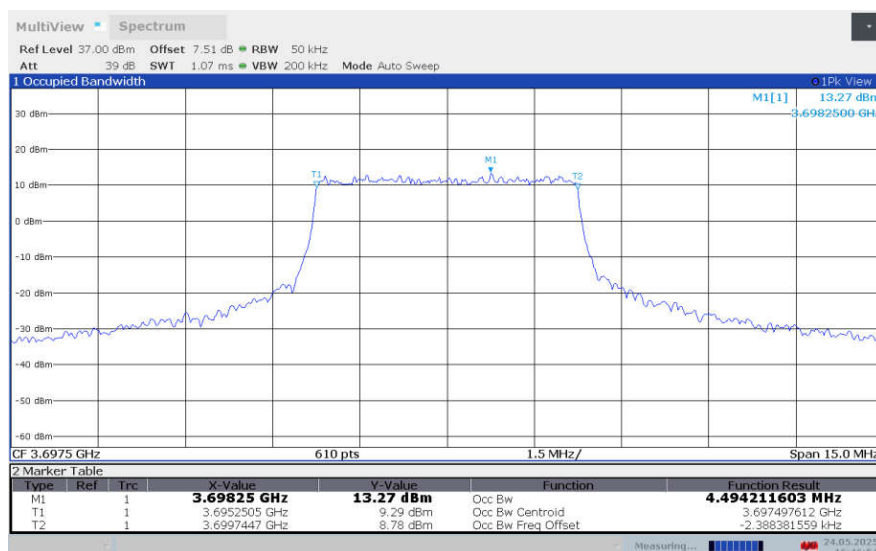
### LTE band 48 , 5MHz Bandwidth,MID,256QAM (99% BW)



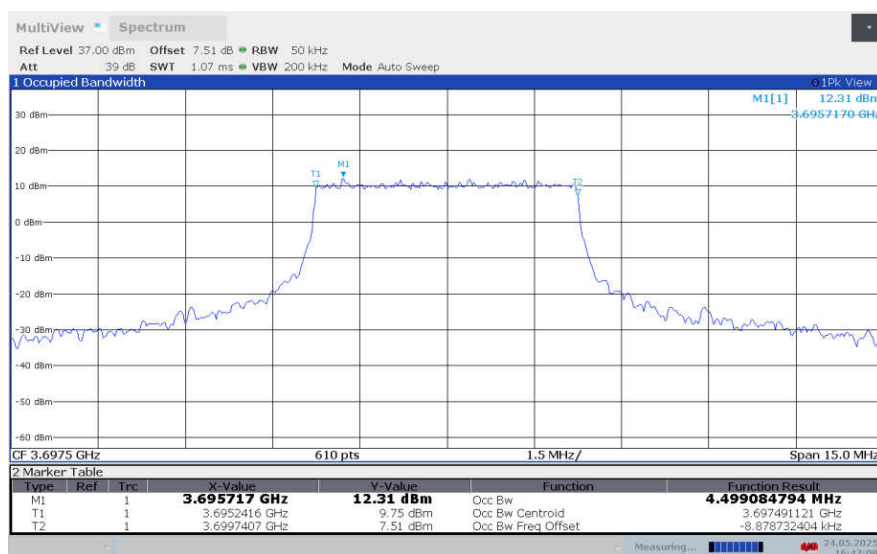
### LTE band 48 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



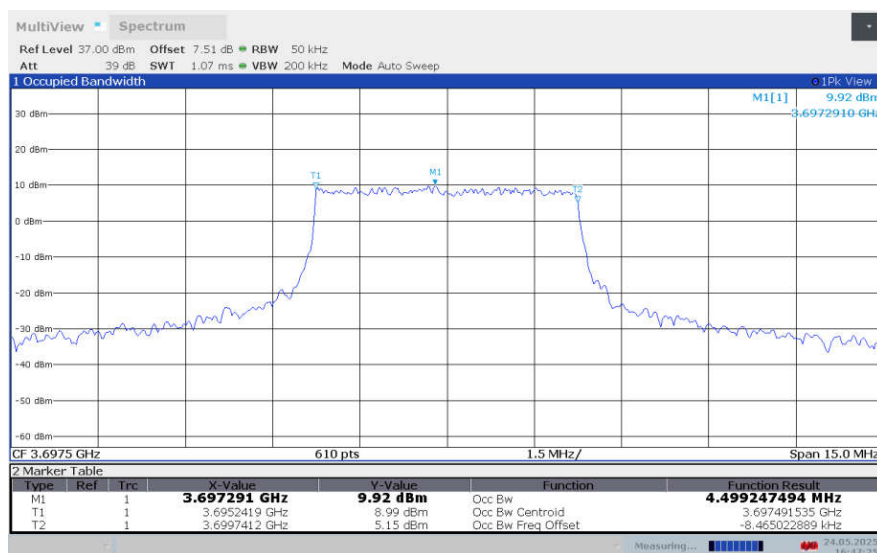
### LTE band 48 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



### LTE band 48 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



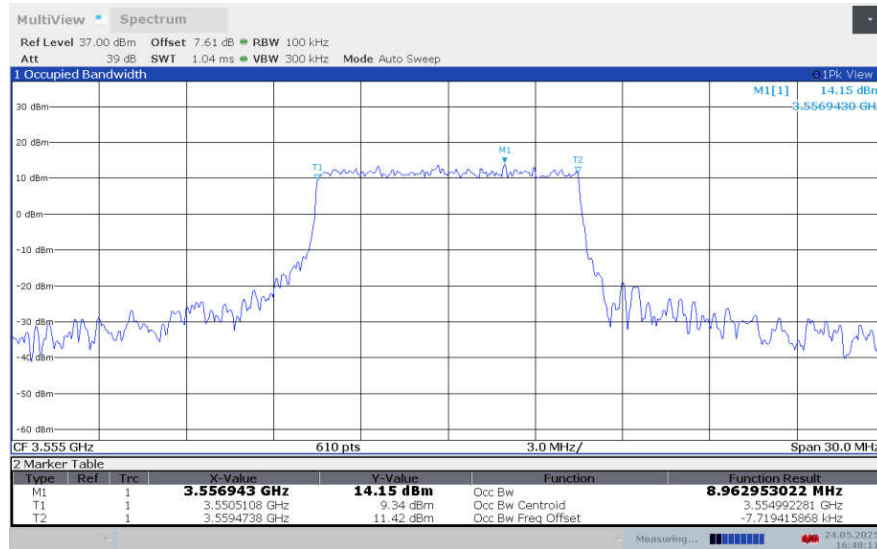
LTE band 48 , 5MHz Bandwidth,HIGH,256QAM (99% BW)



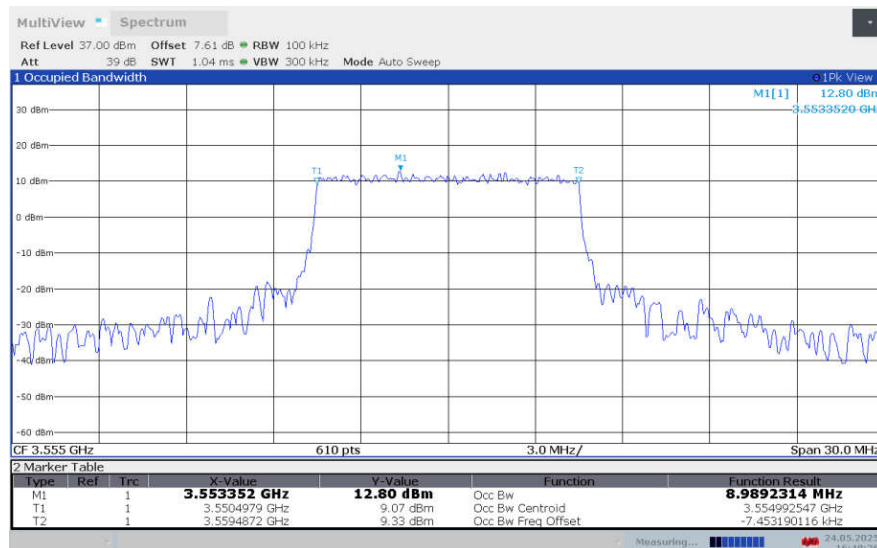
### LTE band 48,10MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) |       |       |        |
|-----------------|-------------------------------|-------|-------|--------|
|                 | QPSK                          | 16QAM | 64QAM | 256QAM |
| 3555            | 8.963                         | 8.989 | 8.977 | 8.974  |
| 3625            | 8.992                         | 8.995 | 8.974 | 8.979  |
| 3695            | 8.963                         | 8.973 | 8.988 | 8.993  |

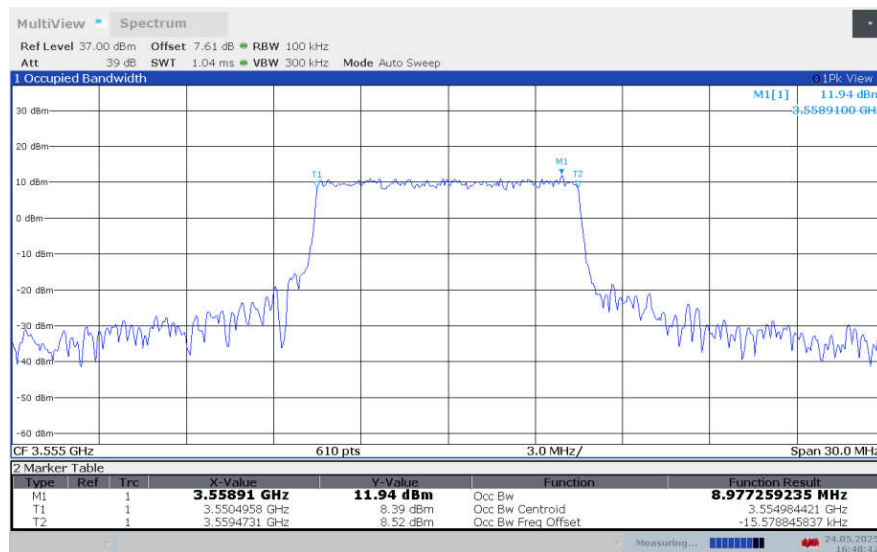
### LTE band 48 , 10MHz Bandwidth,LOW,QPSK (99% BW)



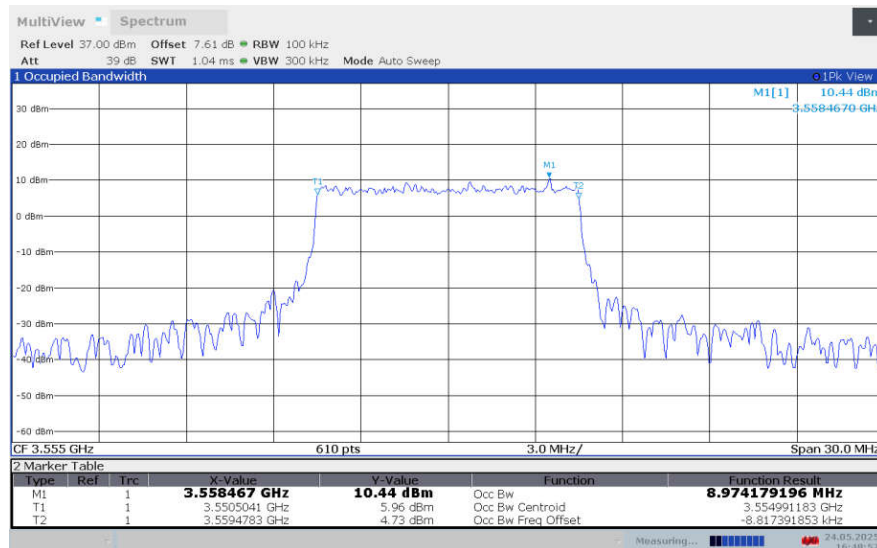
### LTE band 48 , 10MHz Bandwidth,LOW,16QAM (99% BW)



### LTE band 48 , 10MHz Bandwidth,LOW,64QAM (99% BW)

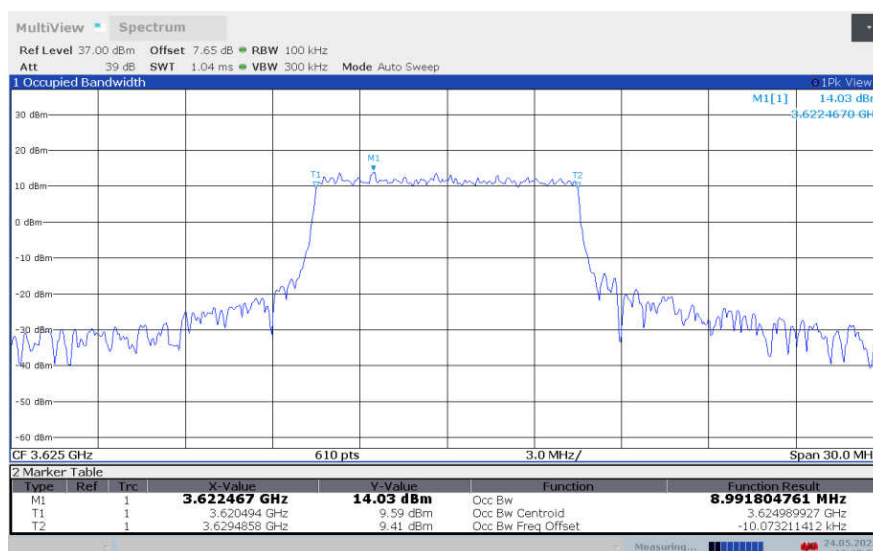


**LTE band 48 , 10MHz Bandwidth,LOW,256QAM (99% BW)**

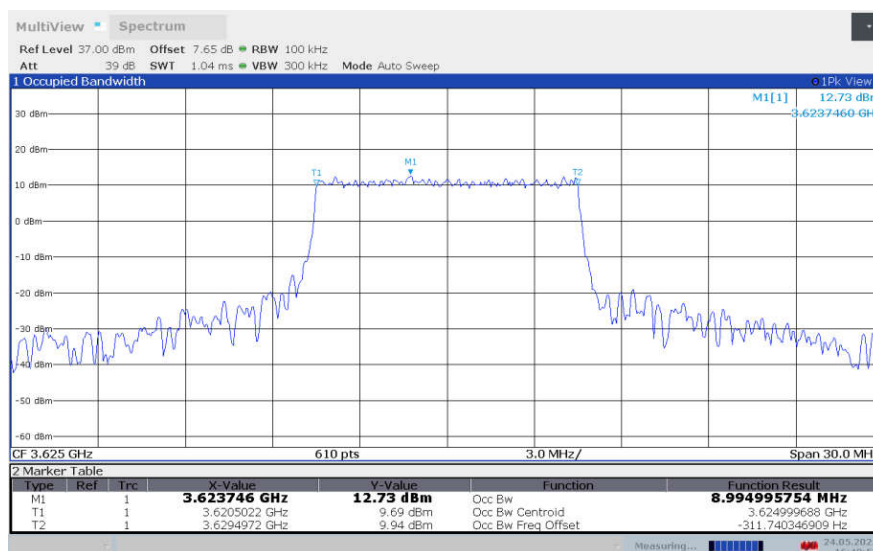


**LTE band 48 , 10MHz Bandwidth,MID,QPSK (99% BW)**

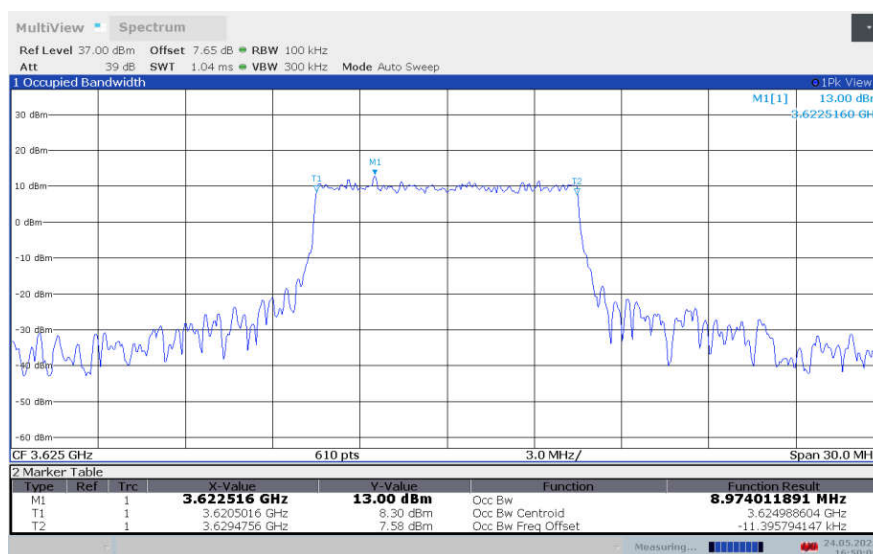




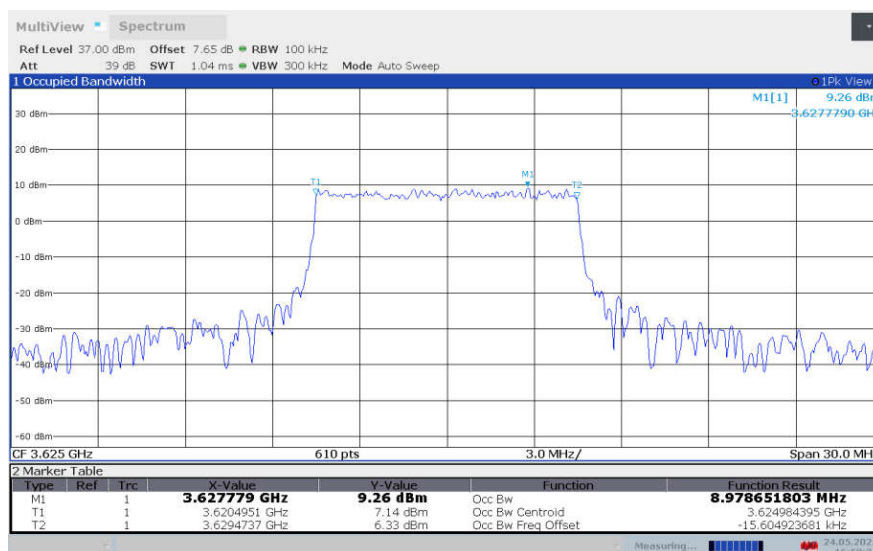
LTE band 48 , 10MHz Bandwidth,MID,16QAM (99% BW)



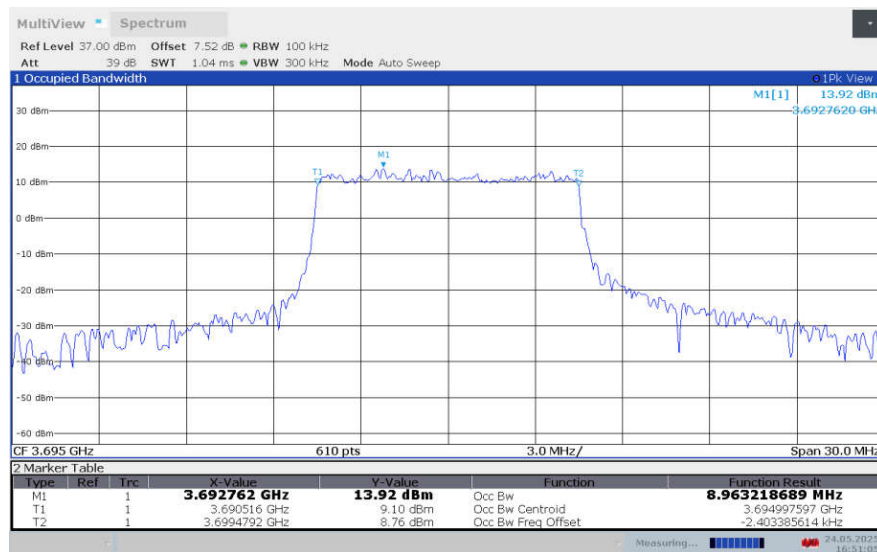
LTE band 48 , 10MHz Bandwidth,MID,64QAM (99% BW)



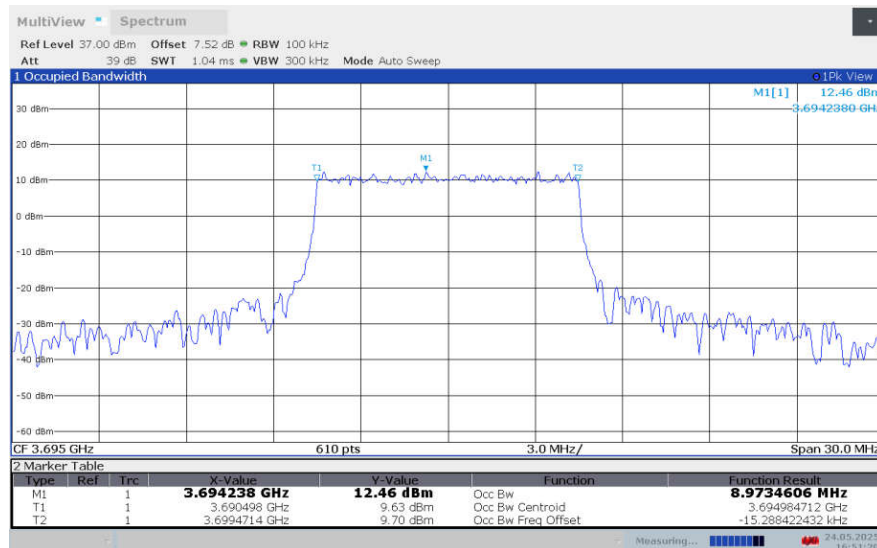
LTE band 48 , 10MHz Bandwidth,MID,256QAM (99% BW)



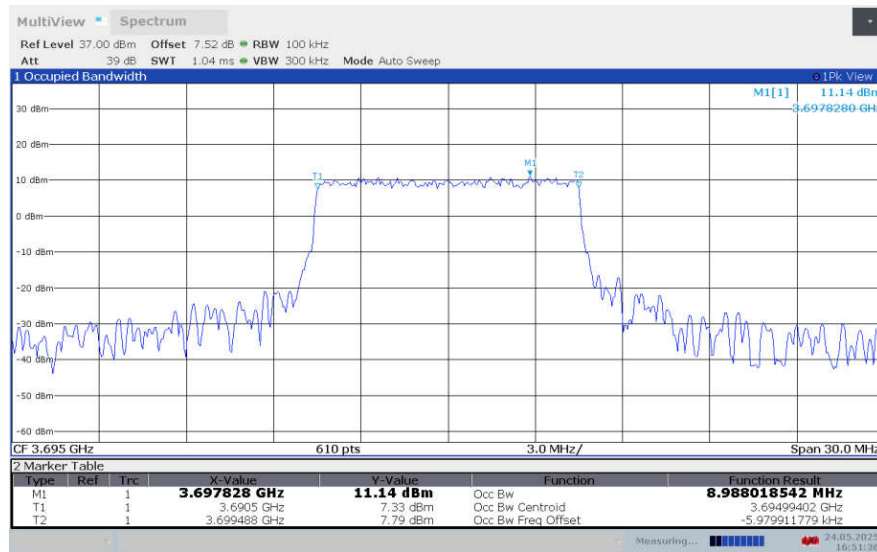
LTE band 48 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



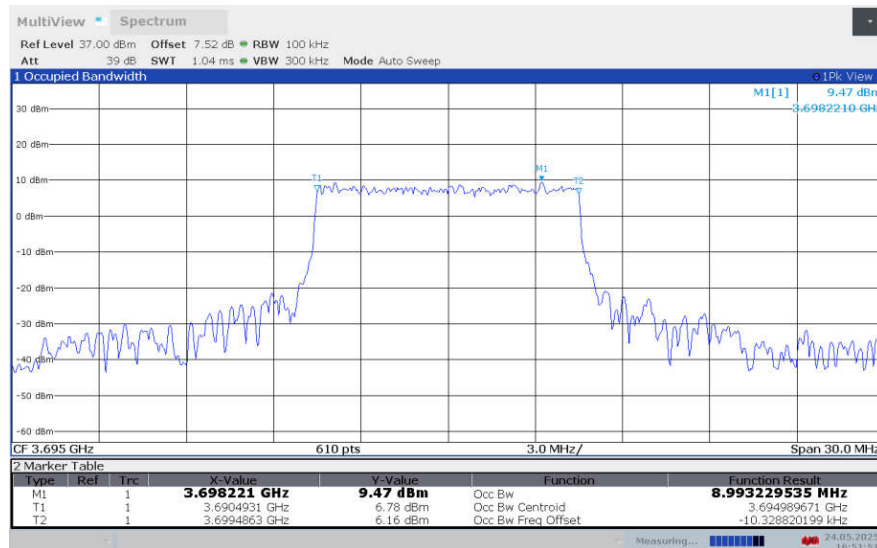
LTE band 48 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 48 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



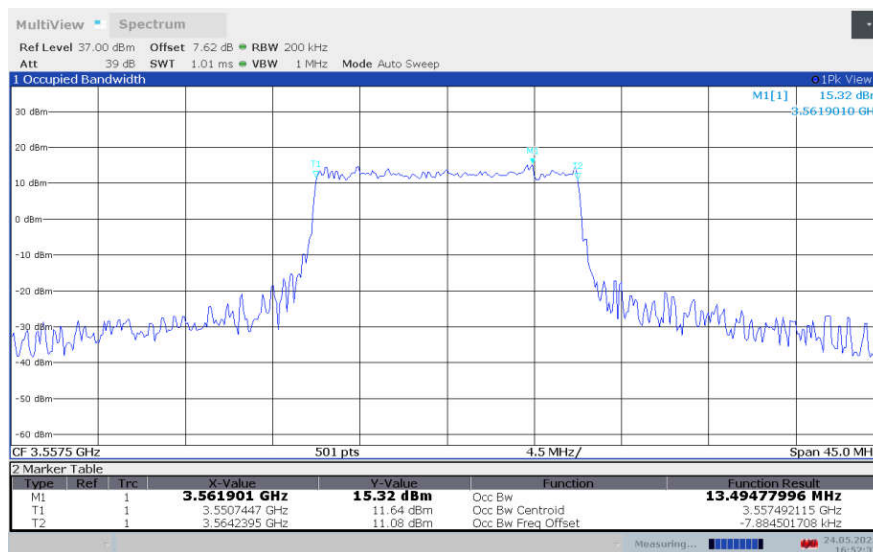
### LTE band 48 , 10MHz Bandwidth,HIGH,256QAM (99% BW)



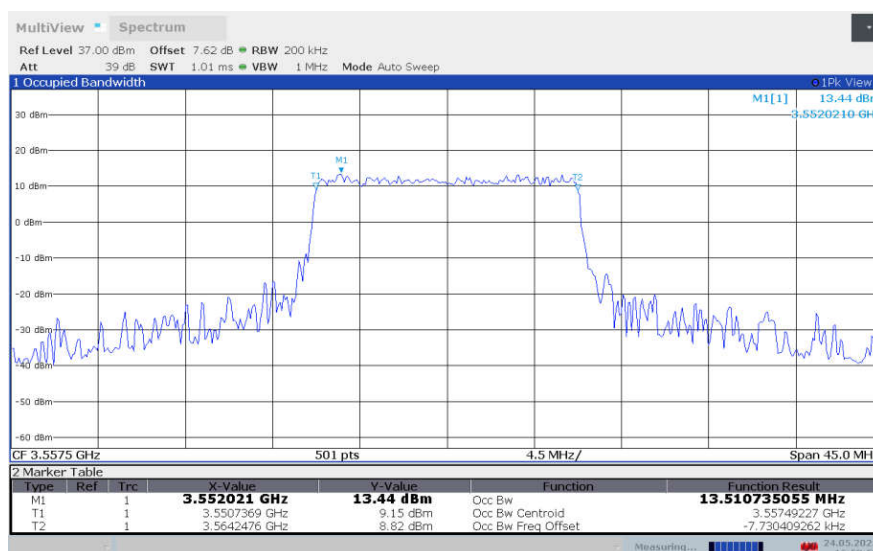
### LTE band 48,15MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) |        |        |        |
|-----------------|-------------------------------|--------|--------|--------|
|                 | QPSK                          | 16QAM  | 64QAM  | 256QAM |
| 3557.5          | 13.495                        | 13.511 | 13.520 | 13.484 |
| 3625            | 13.470                        | 13.510 | 13.500 | 13.494 |
| 3692.5          | 13.507                        | 13.498 | 13.475 | 13.476 |

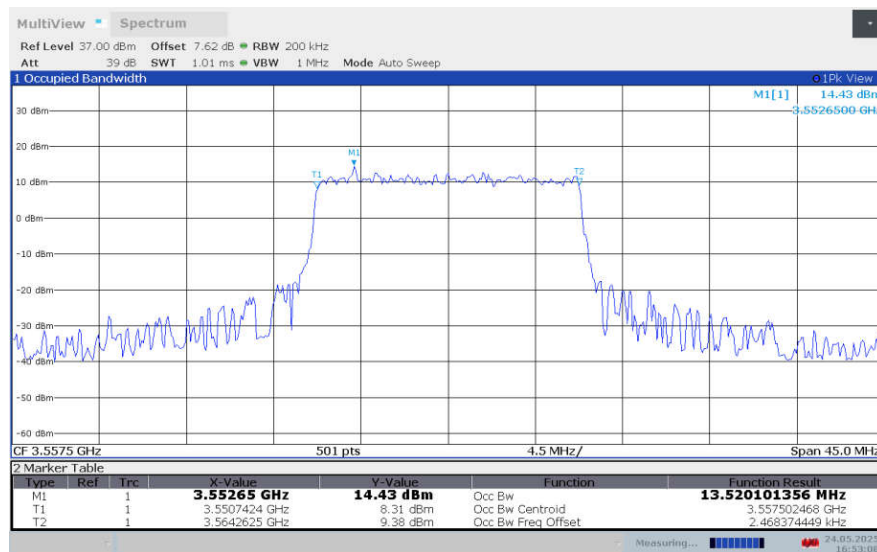
### LTE band 48 , 15MHz Bandwidth,LOW,QPSK (99% BW)



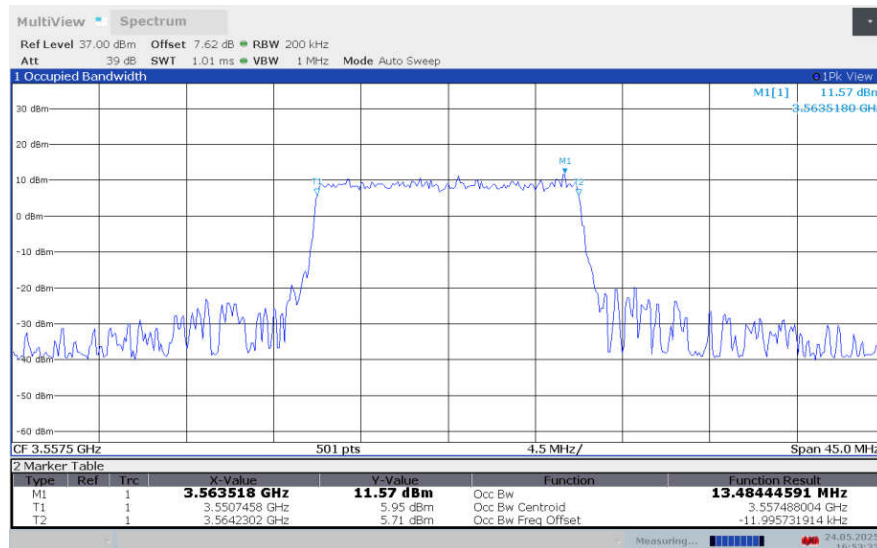
### LTE band 48 , 15MHz Bandwidth,LOW,16QAM (99% BW)



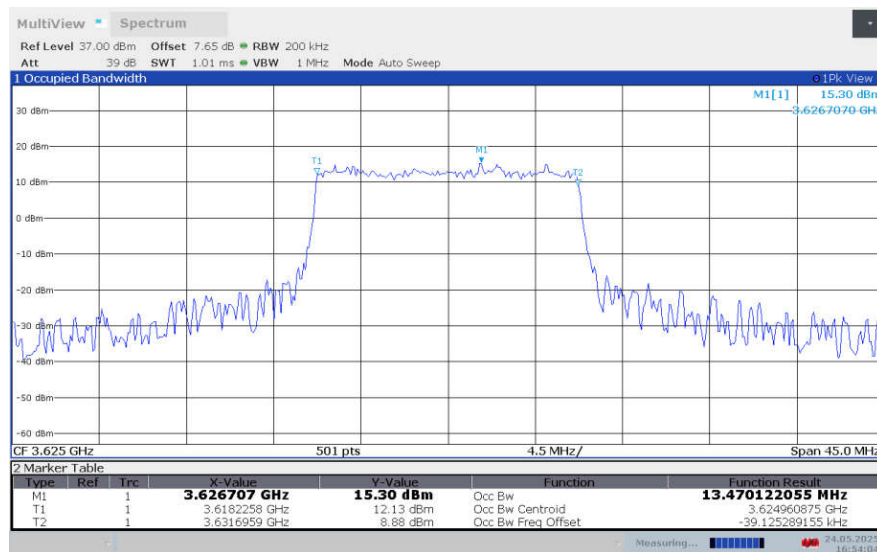
### LTE band 48 , 15MHz Bandwidth,LOW,64QAM (99% BW)



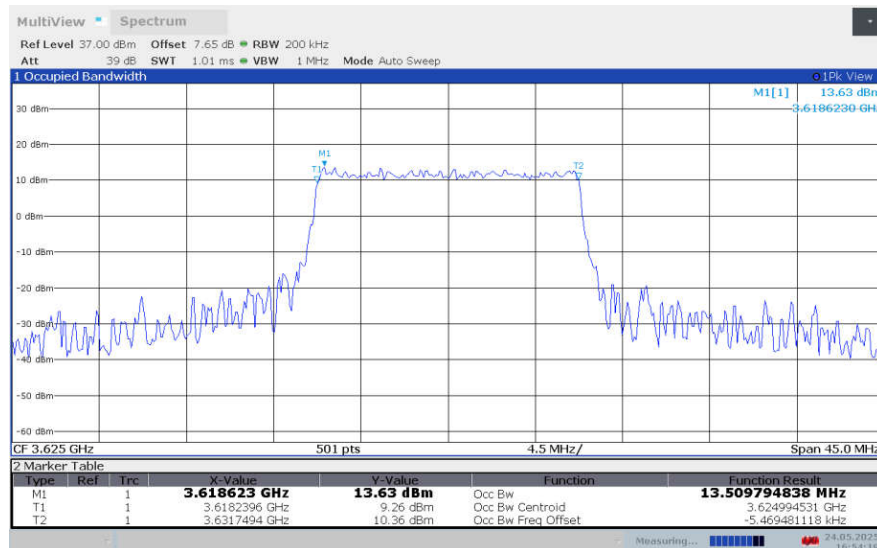
LTE band 48 , 15MHz Bandwidth,LOW,256QAM (99% BW)



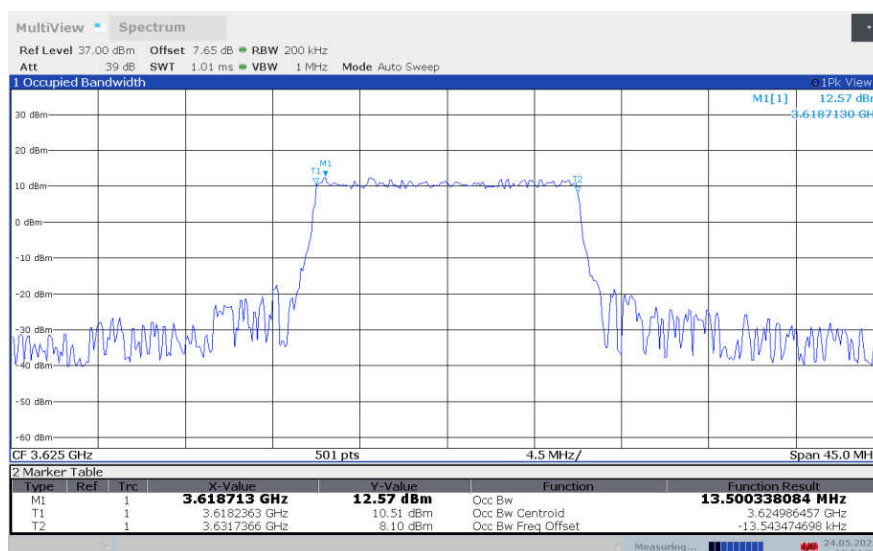
LTE band 48 , 15MHz Bandwidth,MID,QPSK (99% BW)



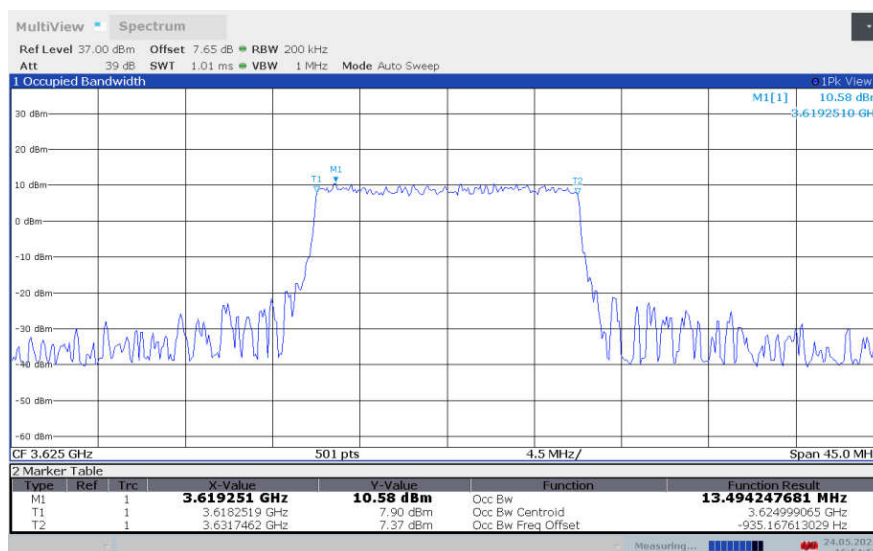
### LTE band 48 , 15MHz Bandwidth,MID,16QAM (99% BW)



### LTE band 48 , 15MHz Bandwidth,MID,64QAM (99% BW)

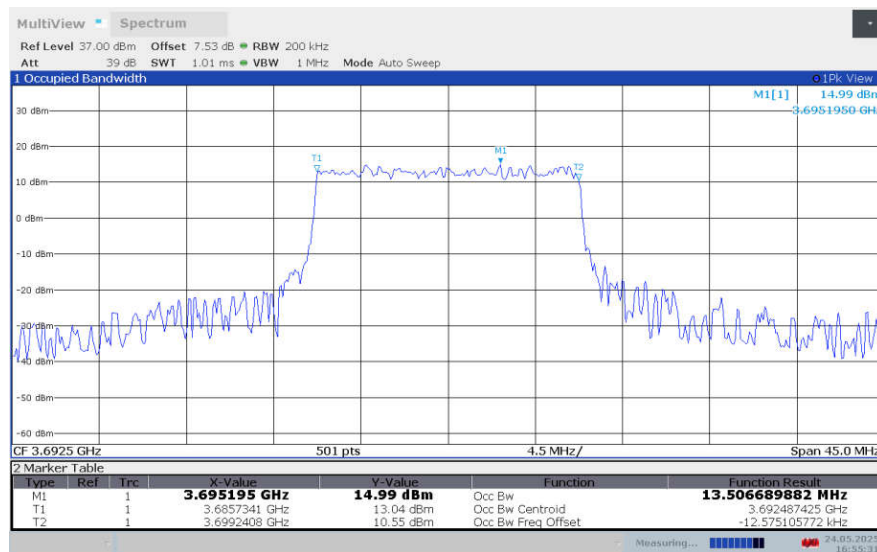


### LTE band 48 , 15MHz Bandwidth,MID,256QAM (99% BW)

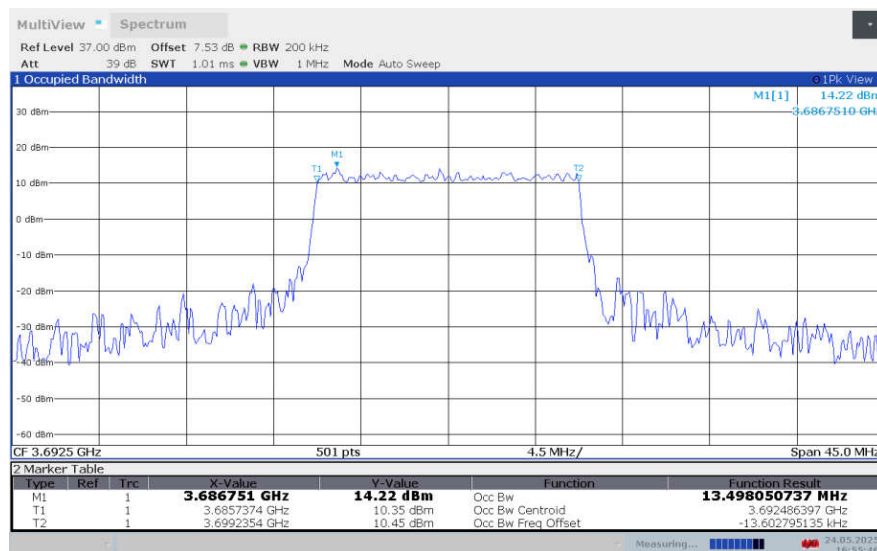


### LTE band 48 , 15MHz Bandwidth,HIGH,QPSK (99% BW)

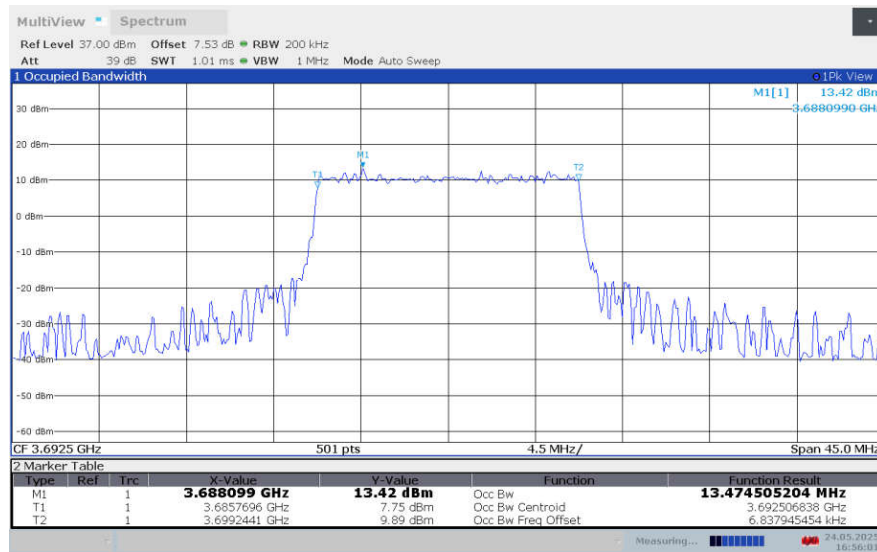




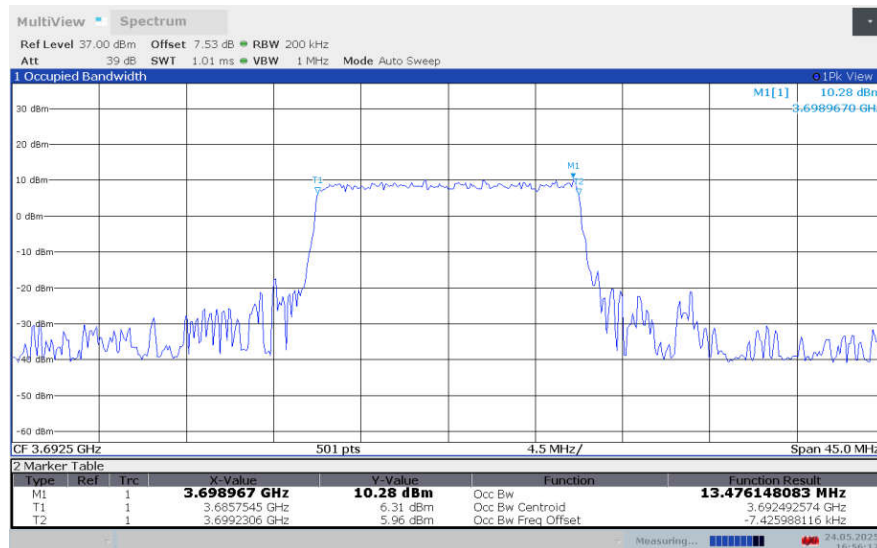
**LTE band 48 , 15MHz Bandwidth,HIGH,16QAM (99% BW)**



**LTE band 48 , 15MHz Bandwidth,HIGH,64QAM (99% BW)**



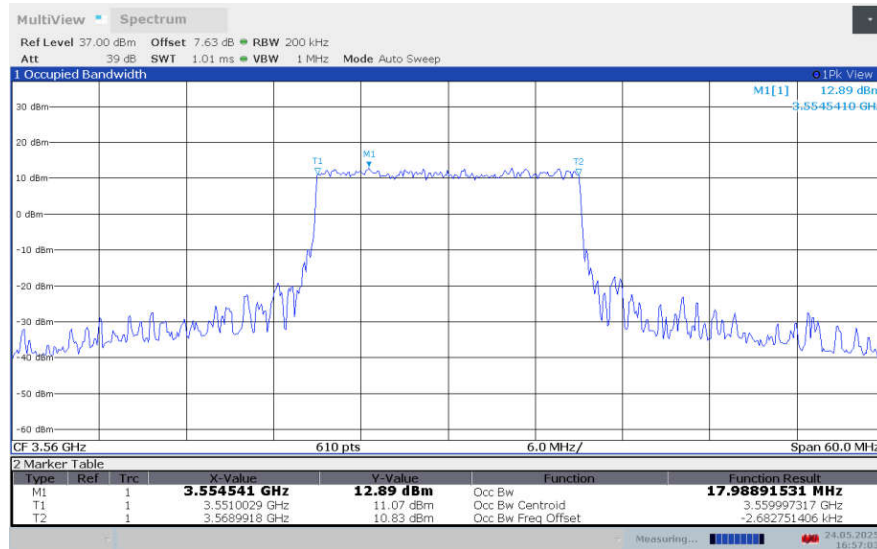
### LTE band 48 , 15MHz Bandwidth,HIGH,256QAM (99% BW)



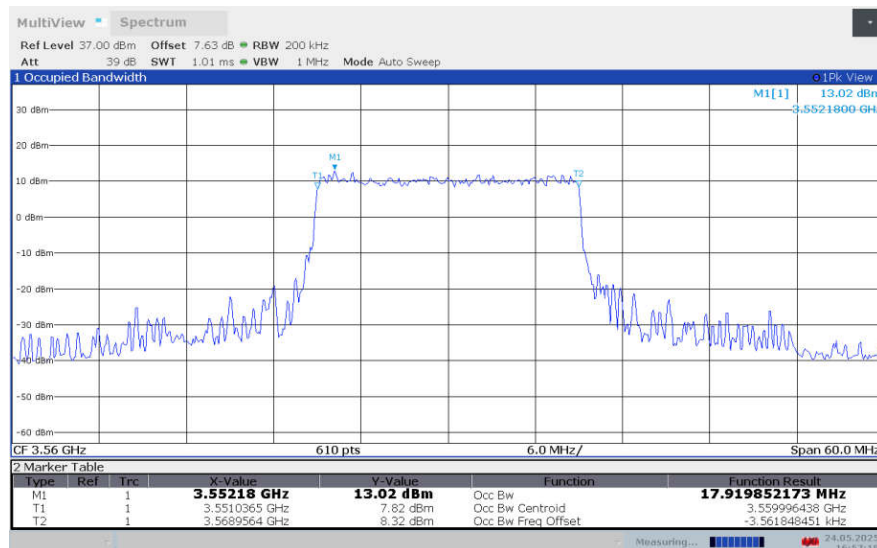
### LTE band 48,20MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) |        |        |        |
|-----------------|-------------------------------|--------|--------|--------|
|                 | QPSK                          | 16QAM  | 64QAM  | 256QAM |
| 3560            | 17.989                        | 17.920 | 17.955 | 17.959 |
| 3625            | 17.901                        | 17.935 | 17.976 | 17.991 |
| 3690            | 17.939                        | 17.923 | 17.948 | 17.914 |

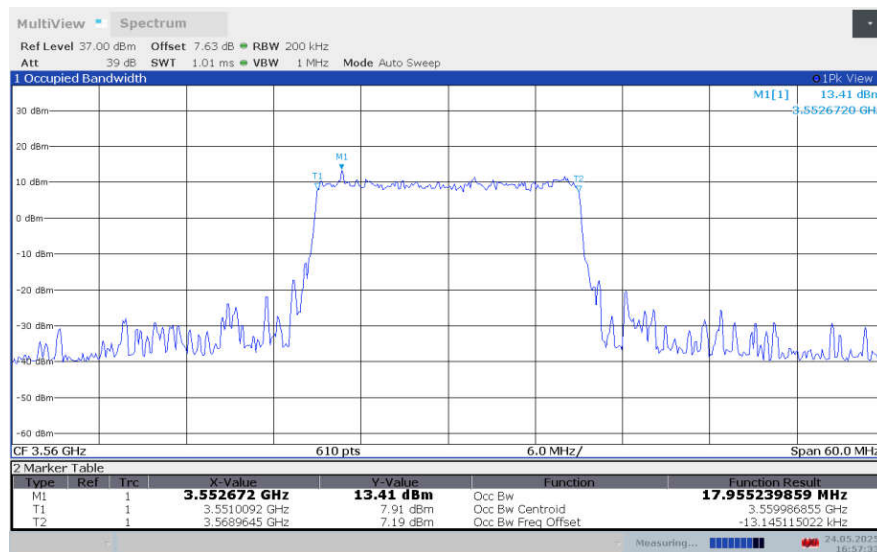
### LTE band 48 , 20MHz Bandwidth,LOW,QPSK (99% BW)



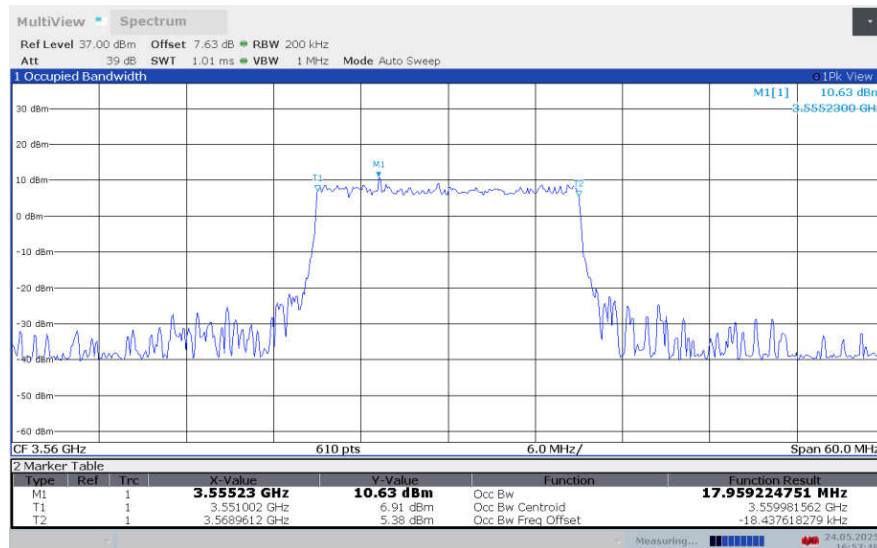
### LTE band 48 , 20MHz Bandwidth,LOW,16QAM (99% BW)



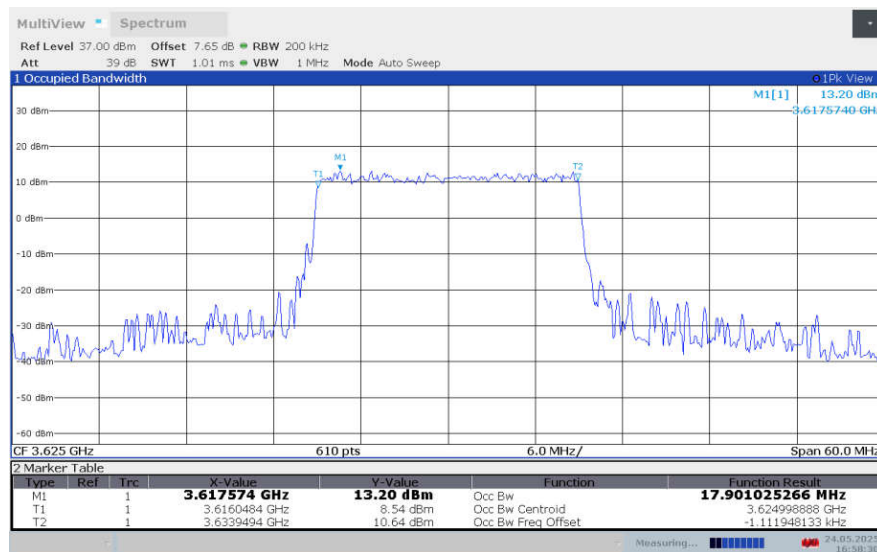
### LTE band 48 , 20MHz Bandwidth,LOW,64QAM (99% BW)



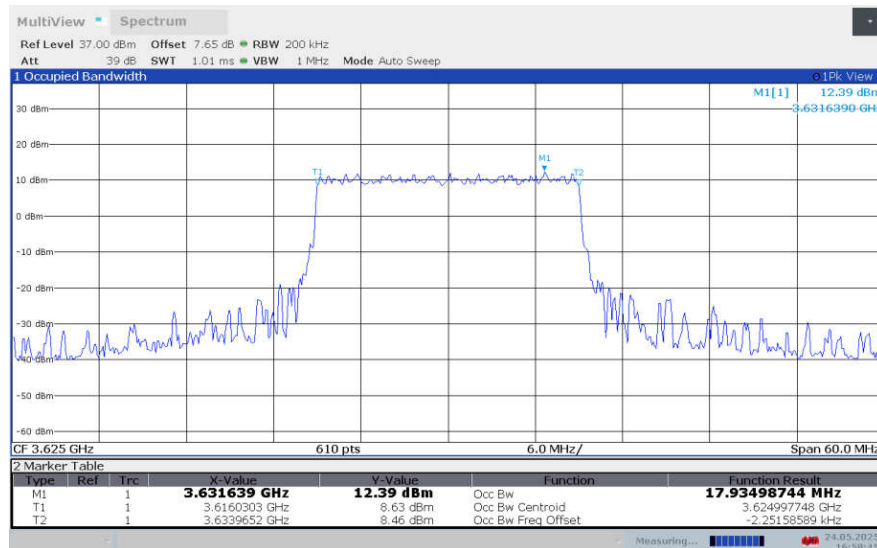
### LTE band 48 , 20MHz Bandwidth,LOW,256QAM (99% BW)



### LTE band 48 , 20MHz Bandwidth,MID,QPSK (99% BW)



### LTE band 48 , 20MHz Bandwidth,MID,16QAM (99% BW)



### LTE band 48 , 20MHz Bandwidth,MID,64QAM (99% BW)