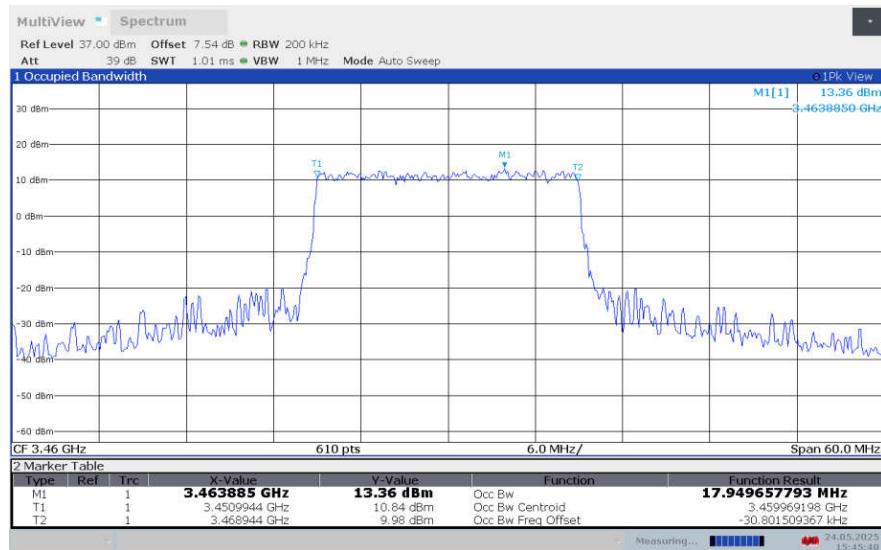
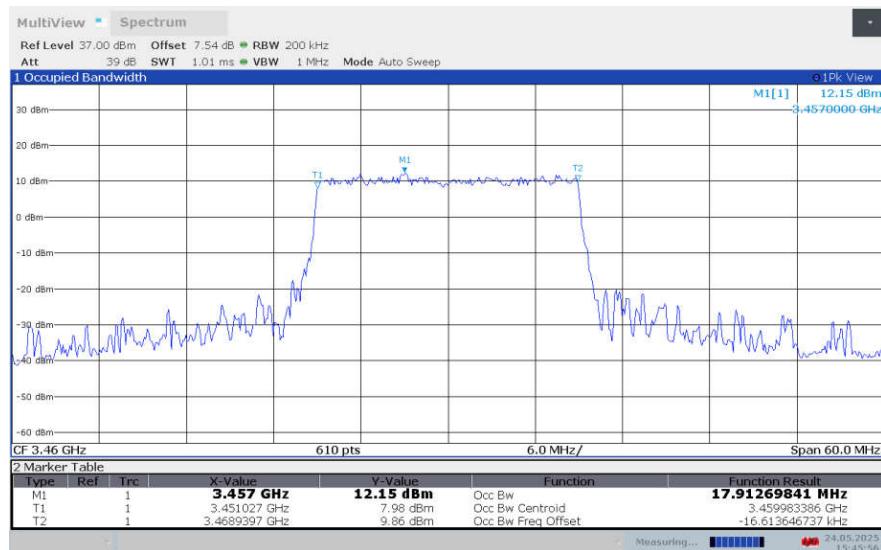
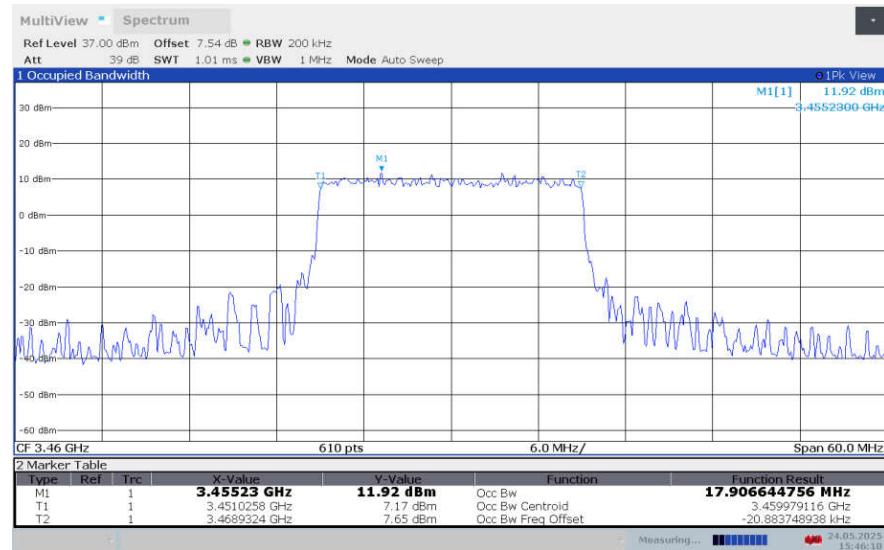


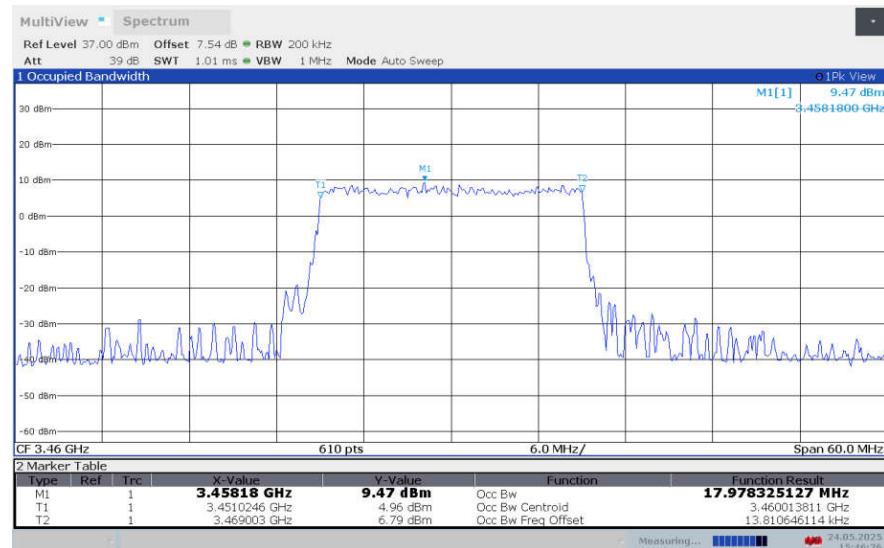
LTE band 42_Part27,20MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) | | | |
|-----------------|-------------------------------|--------|--------|--------|
| | QPSK | 16QAM | 64QAM | 256QAM |
| 3460 | 17.950 | 17.913 | 17.907 | 17.978 |
| 3500 | 17.946 | 17.947 | 17.932 | 17.974 |
| 3540 | 17.890 | 17.968 | 17.909 | 17.957 |

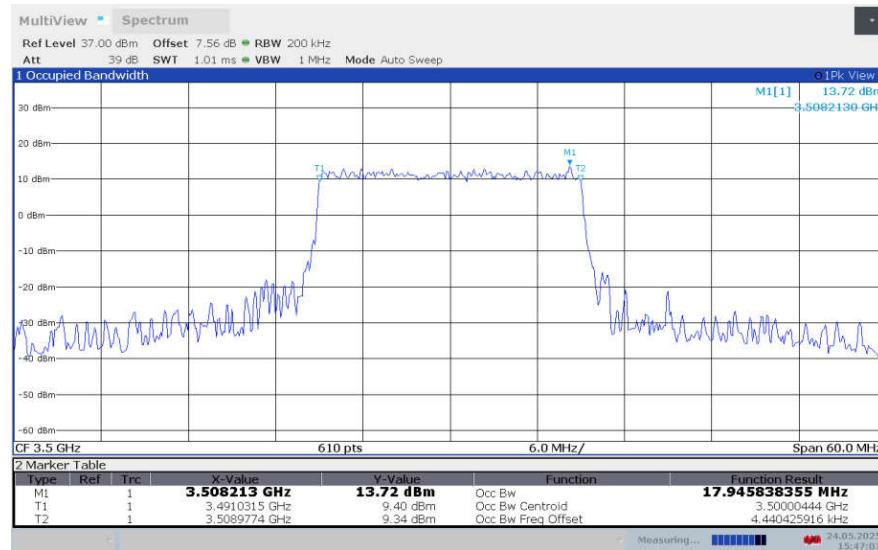
LTE band 42 , 20MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 42 , 20MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 42 , 20MHz Bandwidth,LOW,64QAM (99% BW)



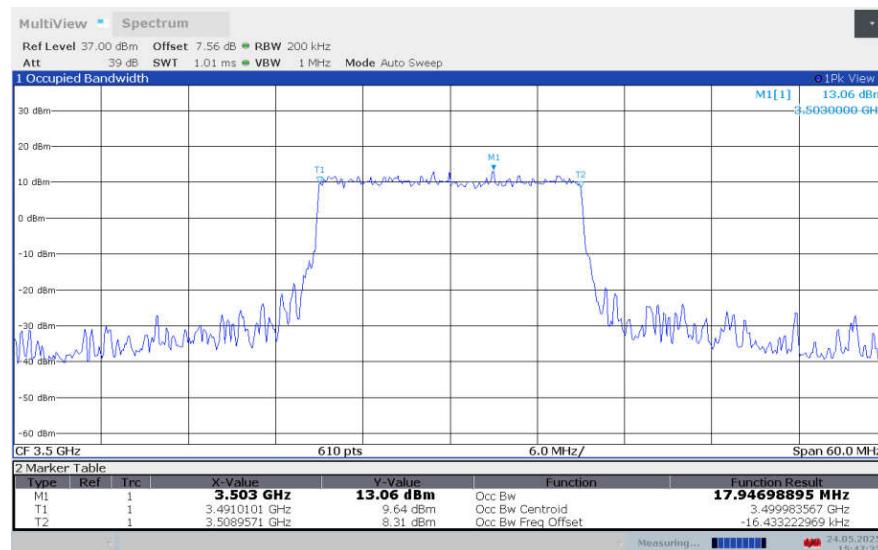
LTE band 42 , 20MHz Bandwidth,LOW,256QAM (99% BW)



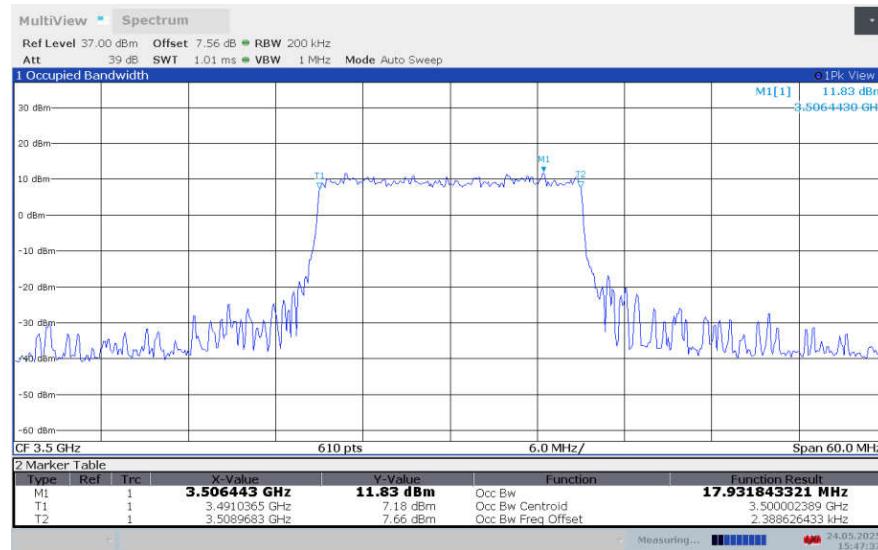
LTE band 42 , 20MHz Bandwidth,MID,QPSK (99% BW)



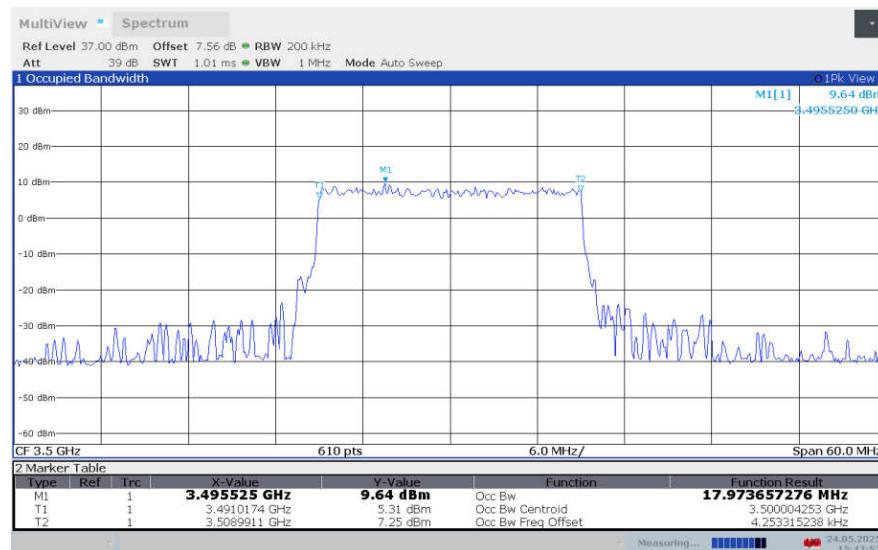
LTE band 42 , 20MHz Bandwidth,MID,16QAM (99% BW)



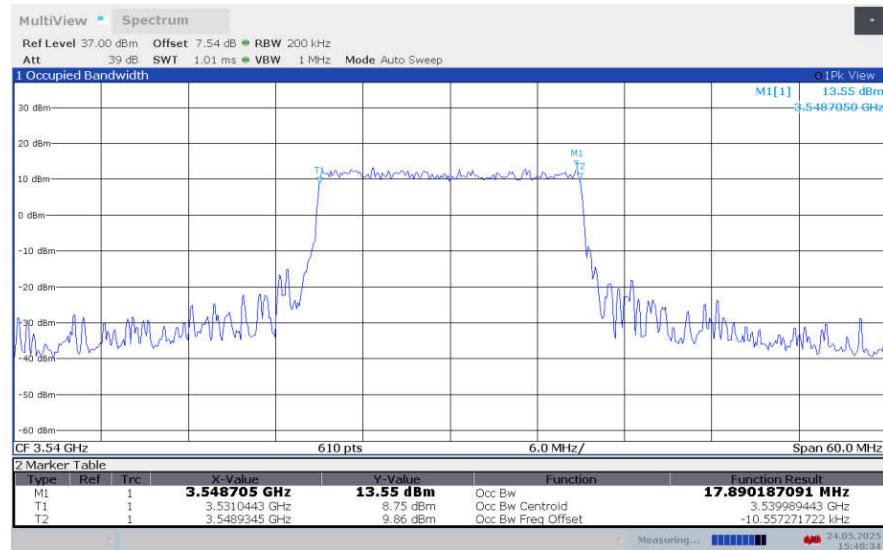
LTE band 42 , 20MHz Bandwidth,MID,64QAM (99% BW)



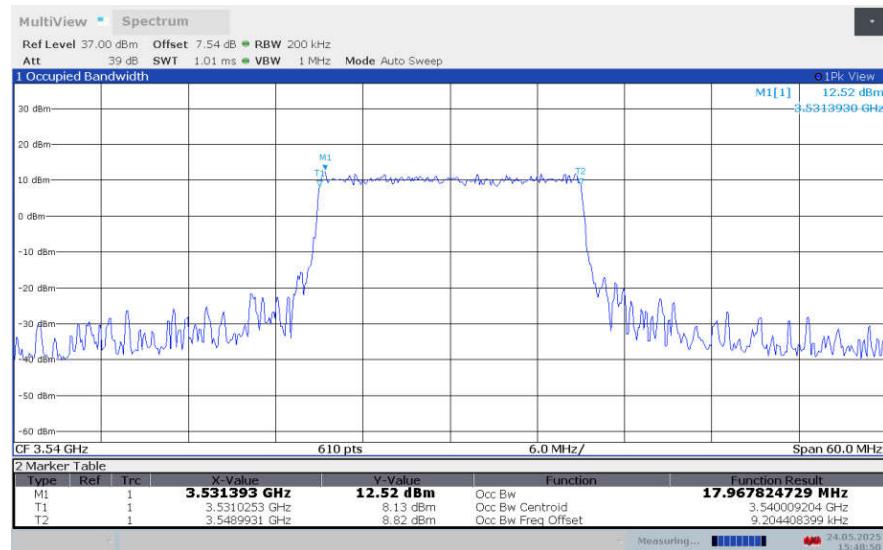
LTE band 42 , 20MHz Bandwidth,MID,256QAM (99% BW)



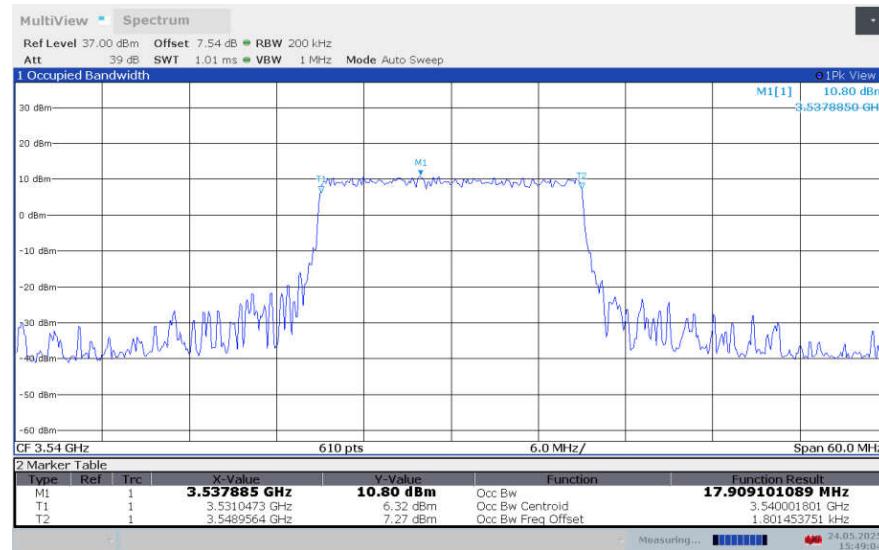
LTE band 42 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



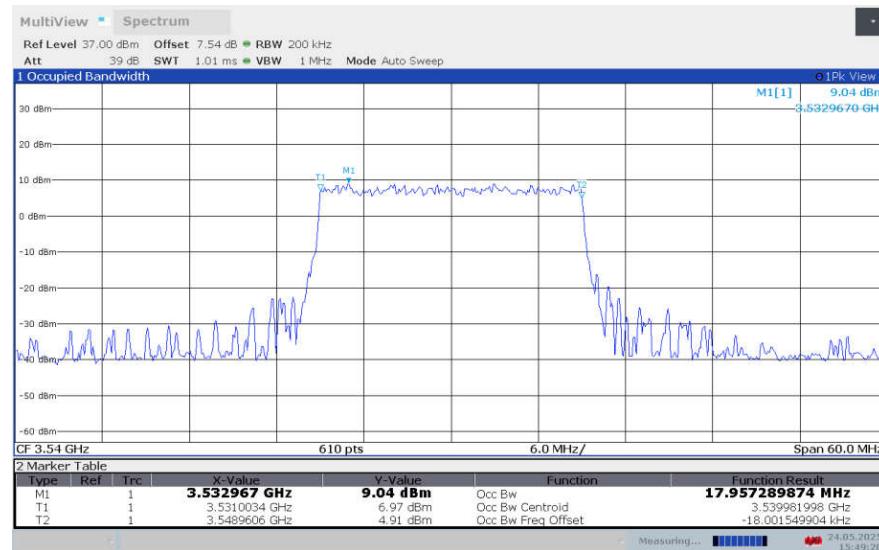
LTE band 42 , 20MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 42 , 20MHz Bandwidth,HIGH,64QAM (99% BW)

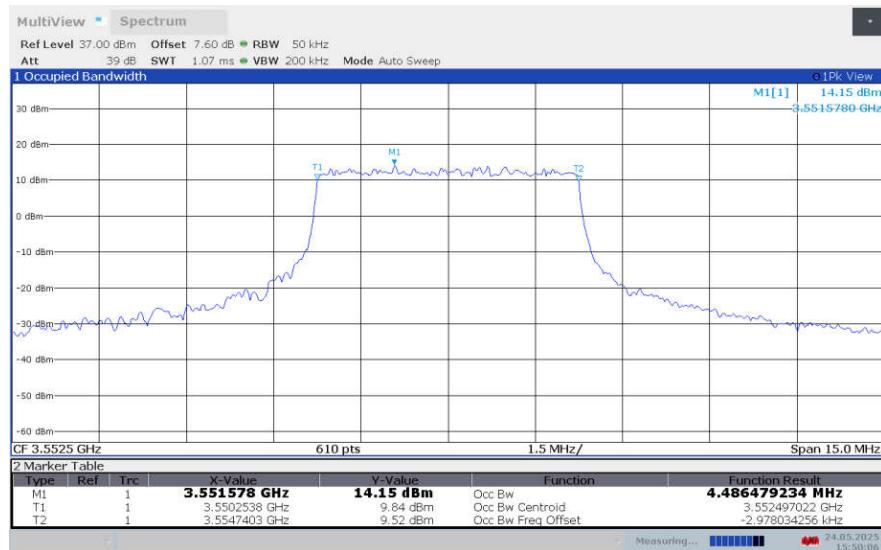
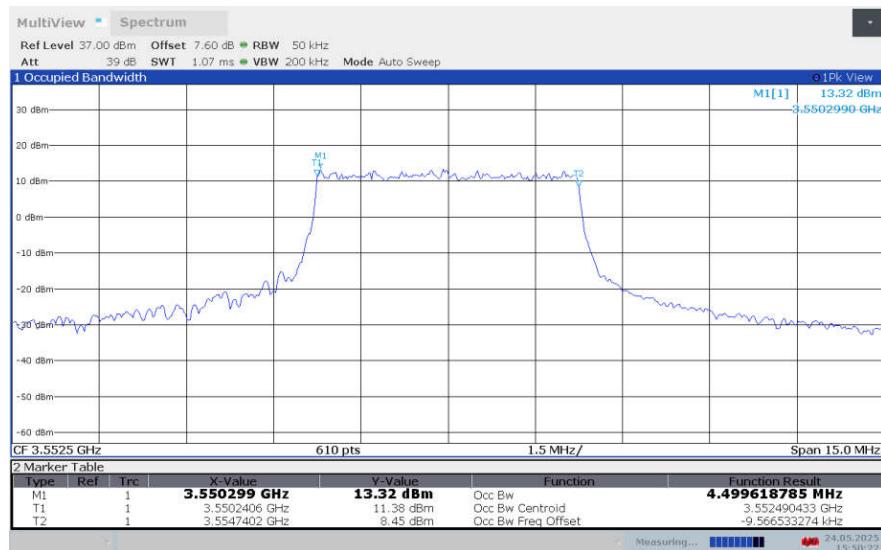


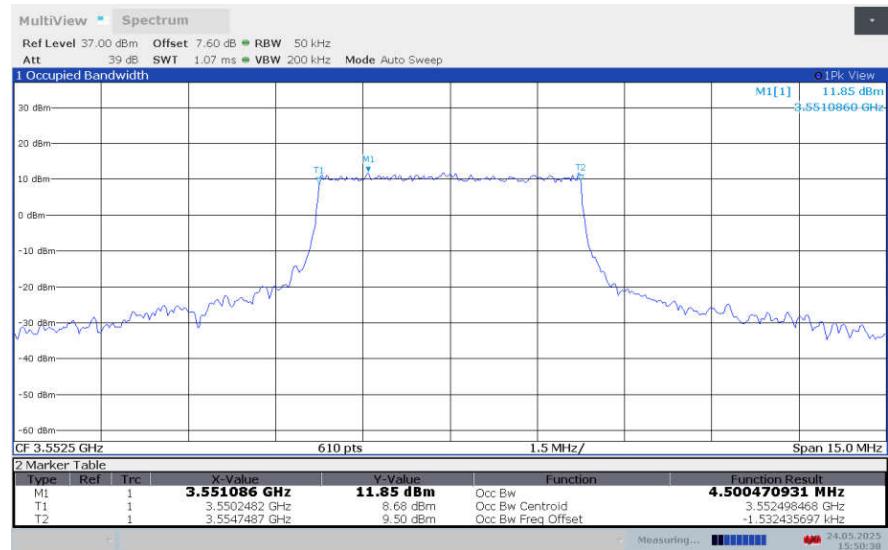
LTE band 42 , 20MHz Bandwidth,HIGH,256QAM (99% BW)



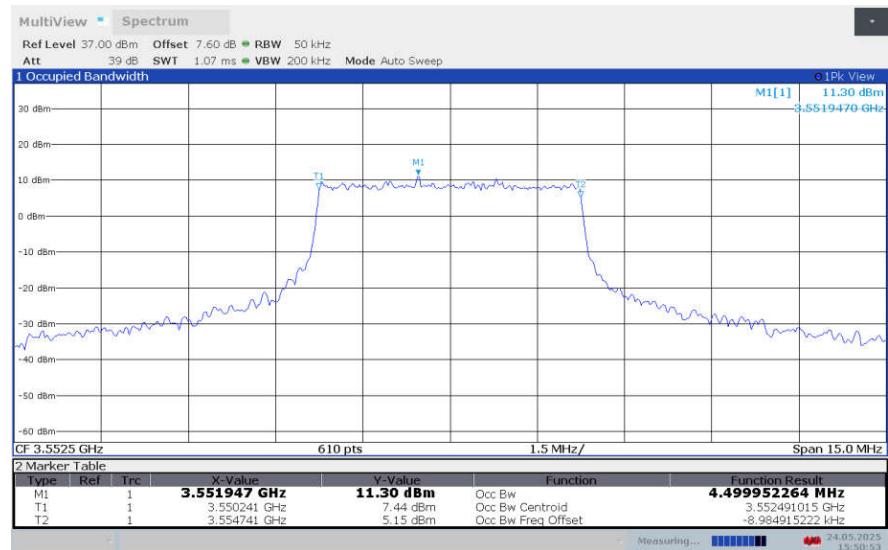
LTE band 42_Part96,5MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) | | | |
|-----------------|-------------------------------|-------|-------|--------|
| | QPSK | 16QAM | 64QAM | 256QAM |
| 3552.5 | 4.486 | 4.500 | 4.500 | 4.500 |
| 3575 | 4.492 | 4.498 | 4.496 | 4.493 |
| 3597.5 | 4.500 | 4.492 | 4.509 | 4.498 |

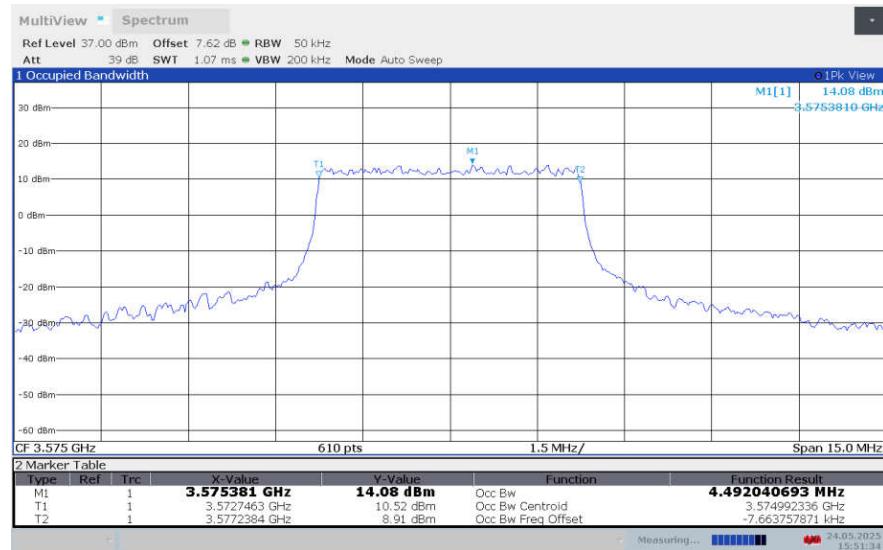
LTE band 42 , 5MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 42 , 5MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 42 , 5MHz Bandwidth,LOW,64QAM (99% BW)



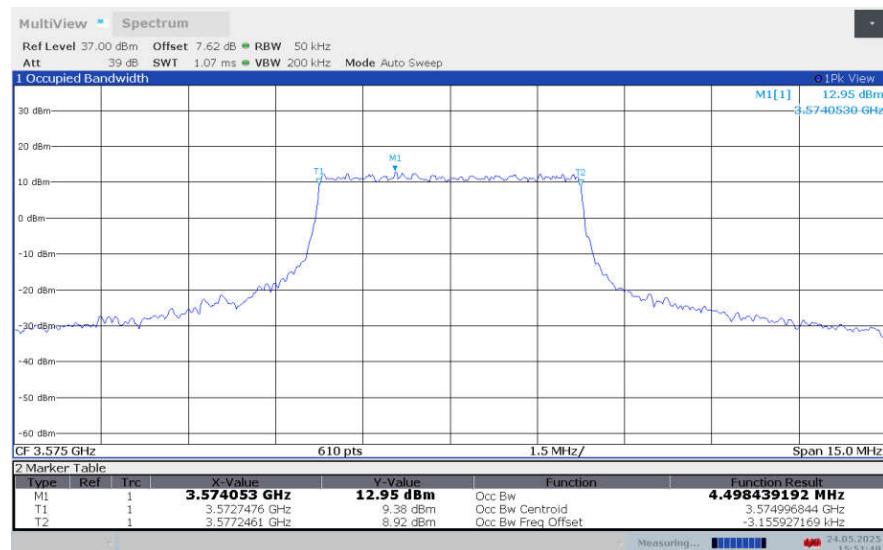
LTE band 42 , 5MHz Bandwidth,LOW,256QAM (99% BW)



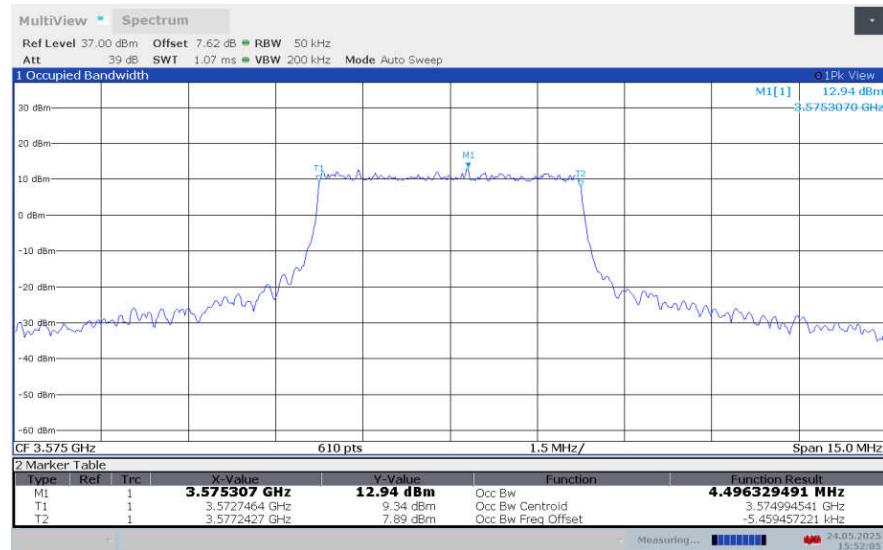
LTE band 42 , 5MHz Bandwidth,MID,QPSK (99% BW)



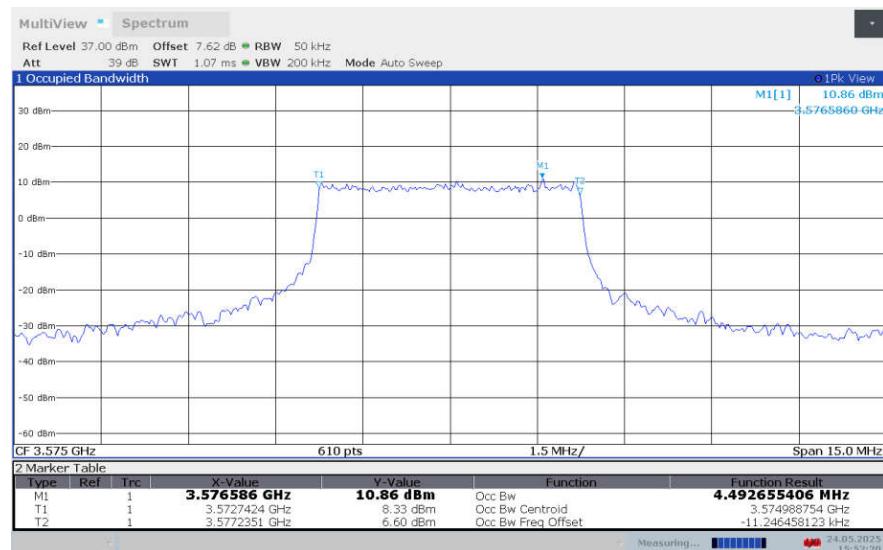
LTE band 42 , 5MHz Bandwidth,MID,16QAM (99% BW)



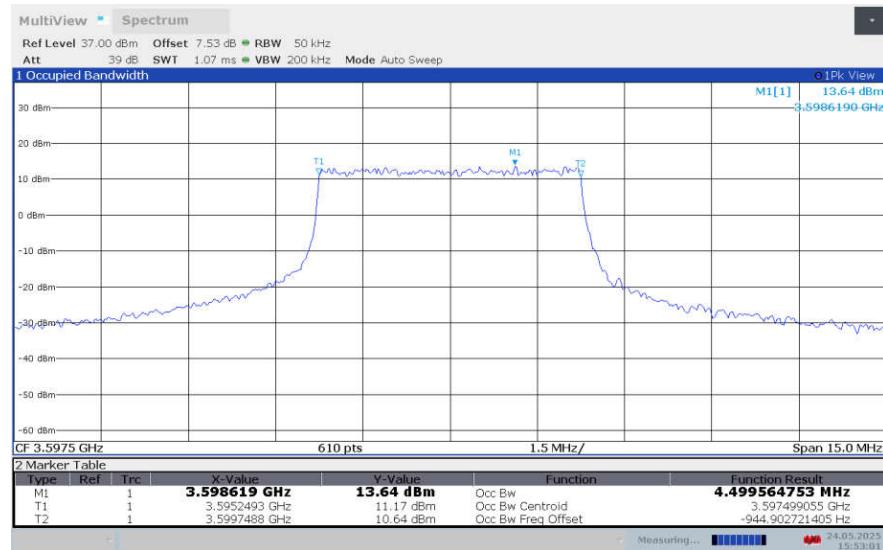
LTE band 42 , 5MHz Bandwidth,MID,64QAM (99% BW)



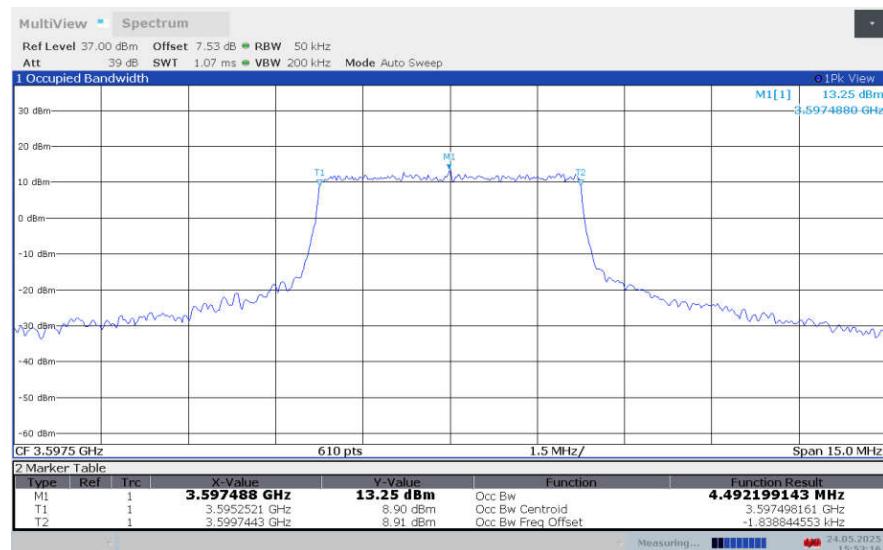
LTE band 42 , 5MHz Bandwidth,MID,256QAM (99% BW)



LTE band 42 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



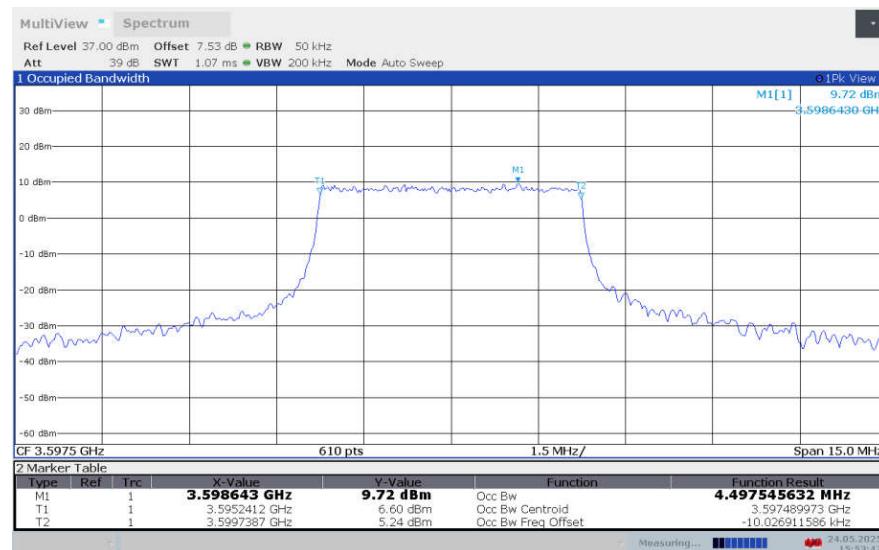
LTE band 42 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 42 , 5MHz Bandwidth,HIGH,64QAM (99% BW)

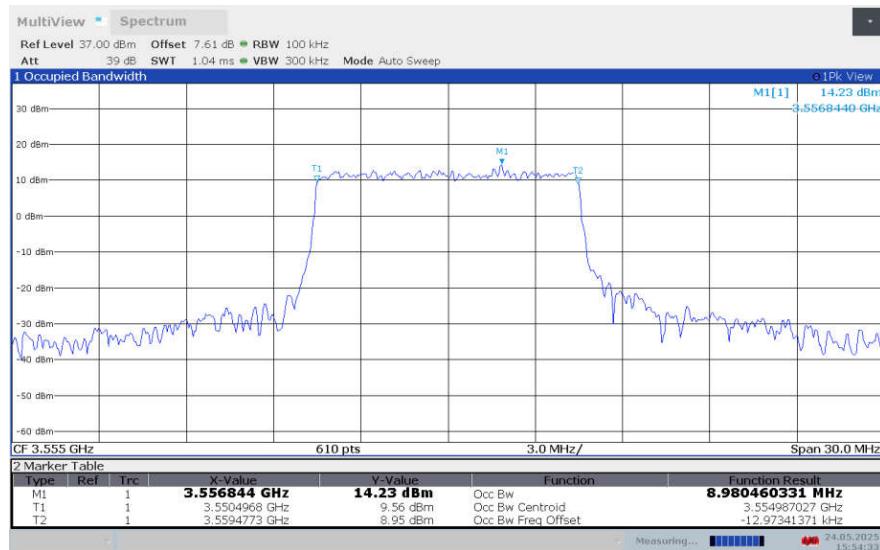
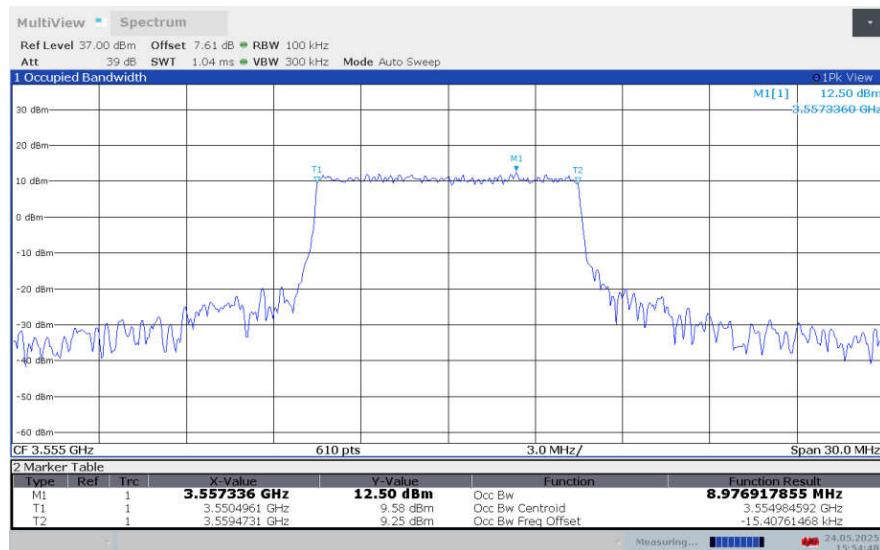


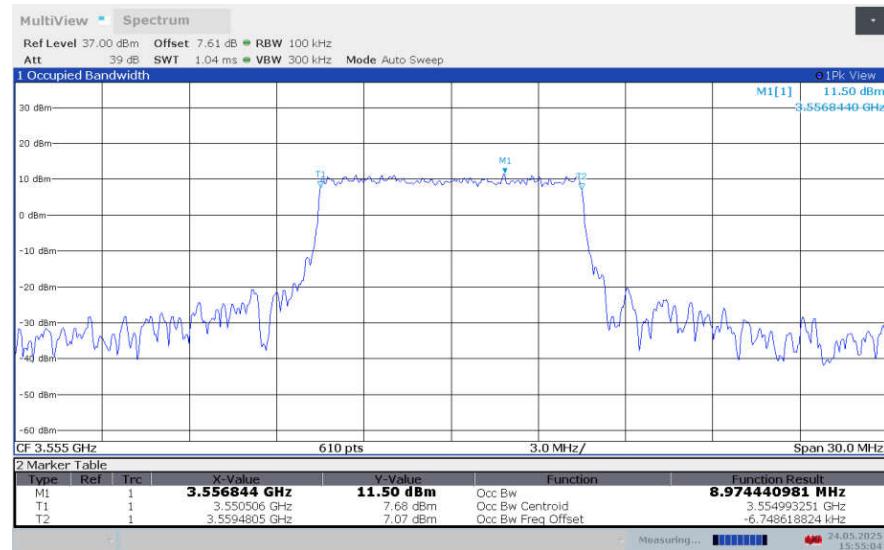
LTE band 42 , 5MHz Bandwidth,HIGH,256QAM (99% BW)



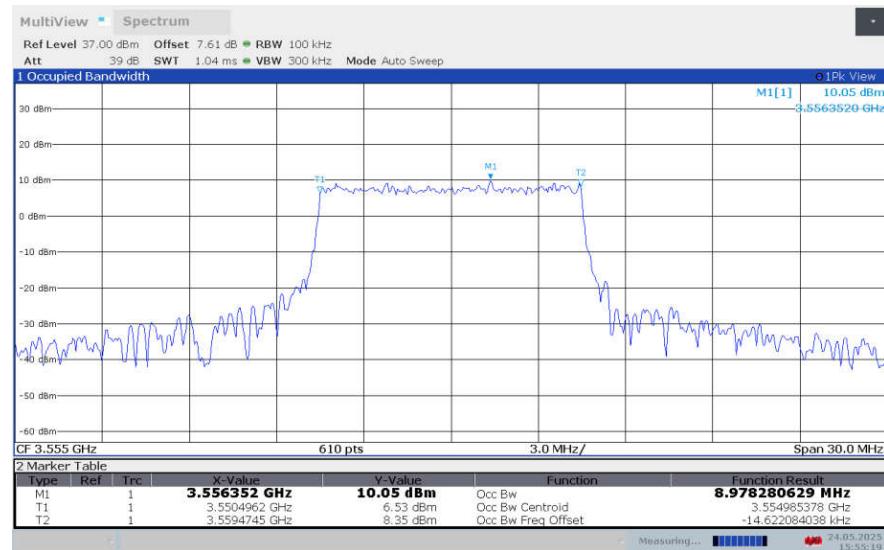
LTE band 42_Part96,10MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) | | | |
|-----------------|-------------------------------|-------|-------|--------|
| | QPSK | 16QAM | 64QAM | 256QAM |
| 3555 | 8.980 | 8.977 | 8.974 | 8.978 |
| 3575 | 8.992 | 8.984 | 8.985 | 8.986 |
| 3595 | 8.979 | 8.984 | 8.973 | 8.994 |

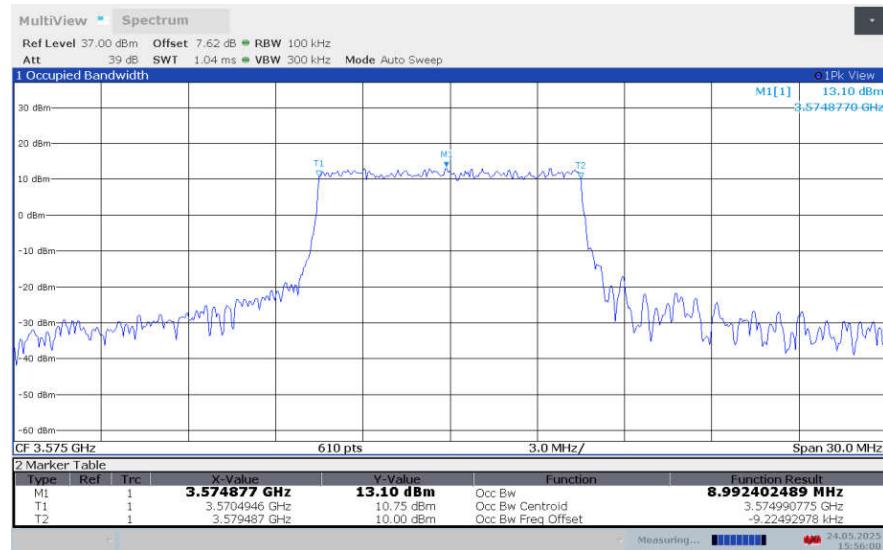
LTE band 42 , 10MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 42 , 10MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 42 , 10MHz Bandwidth,LOW,64QAM (99% BW)



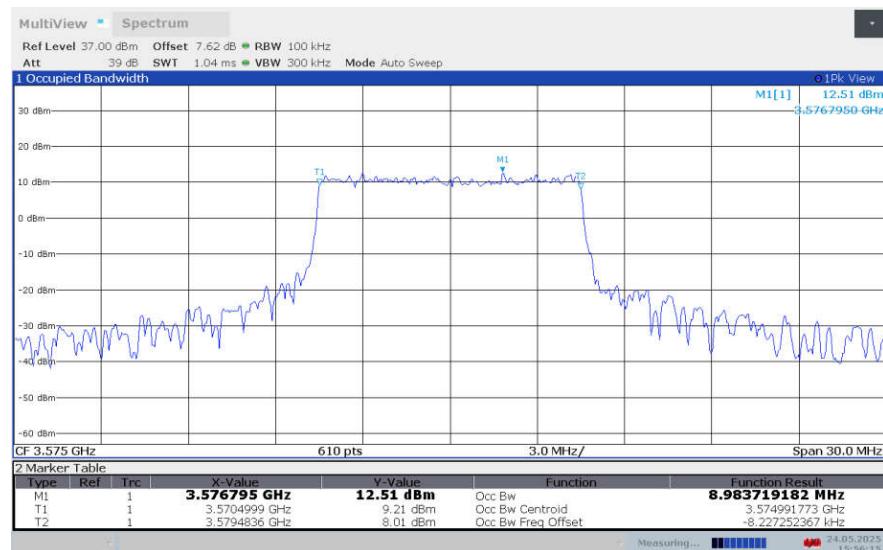
LTE band 42 , 10MHz Bandwidth,LOW,256QAM (99% BW)



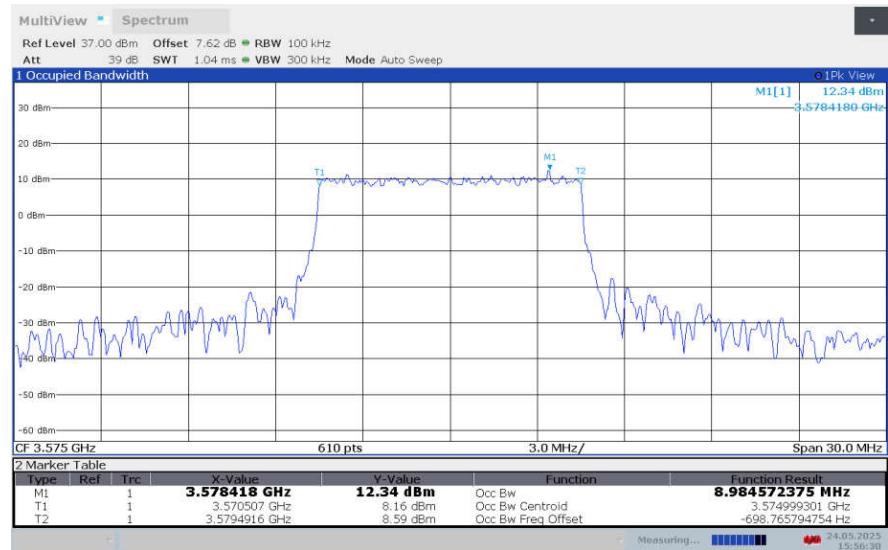
LTE band 42 , 10MHz Bandwidth,MID,QPSK (99% BW)



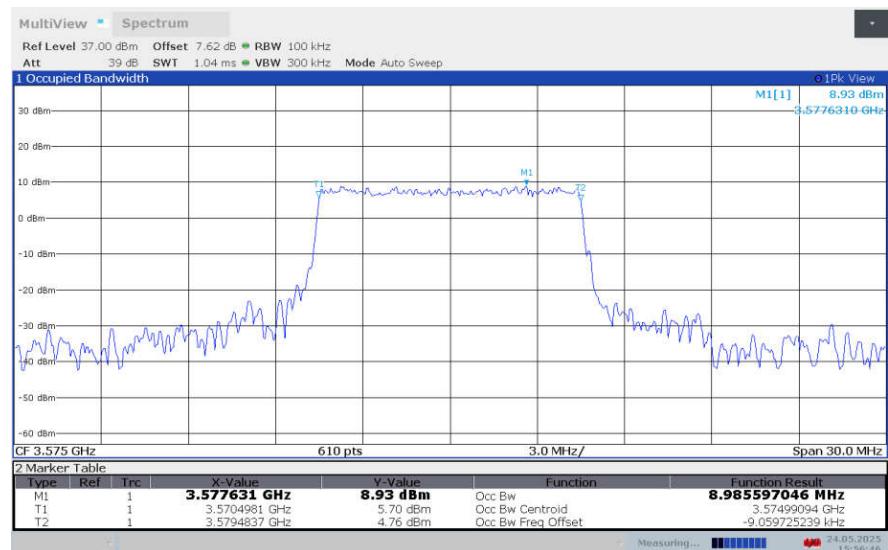
LTE band 42 , 10MHz Bandwidth,MID,16QAM (99% BW)



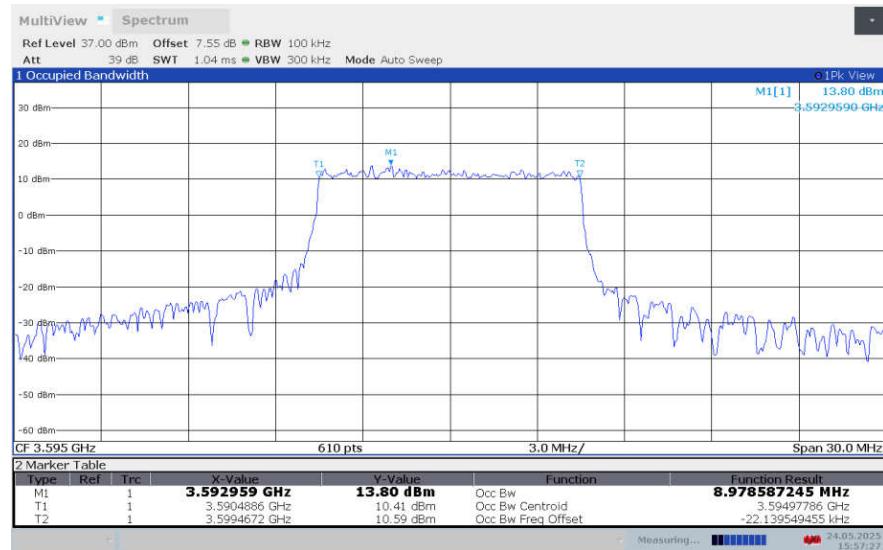
LTE band 42 , 10MHz Bandwidth,MID,64QAM (99% BW)



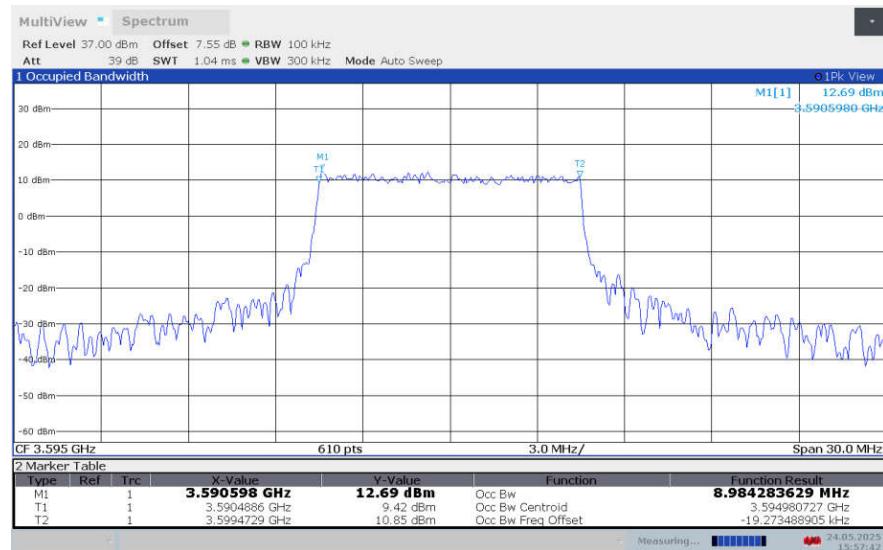
LTE band 42 , 10MHz Bandwidth,MID,256QAM (99% BW)



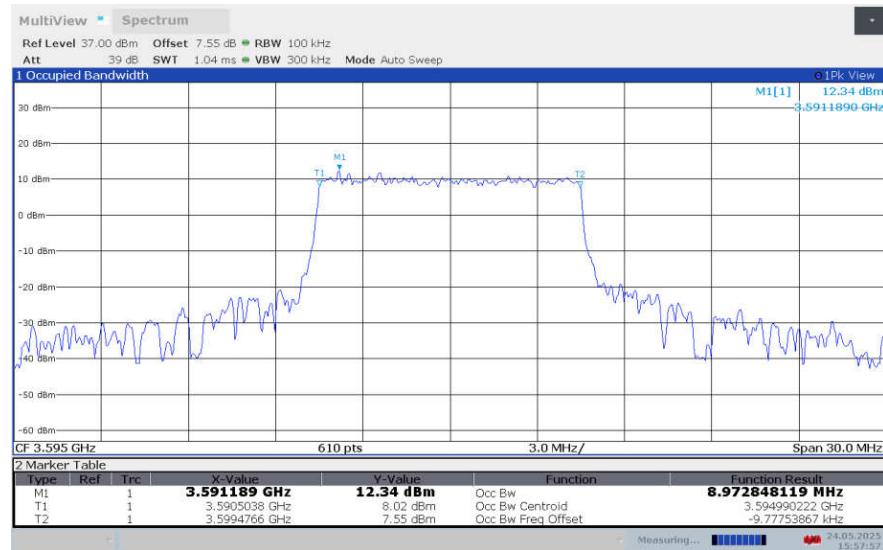
LTE band 42 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



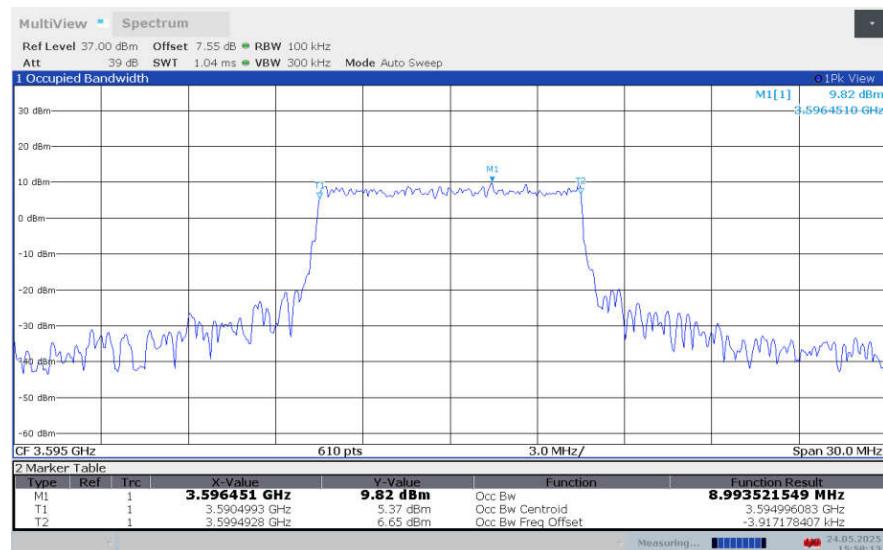
LTE band 42 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 42 , 10MHz Bandwidth,HIGH,64QAM (99% BW)

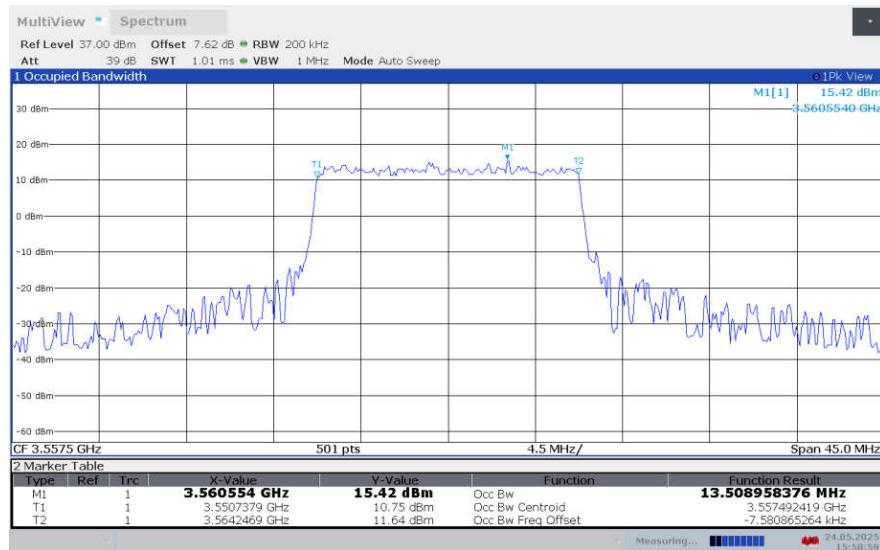
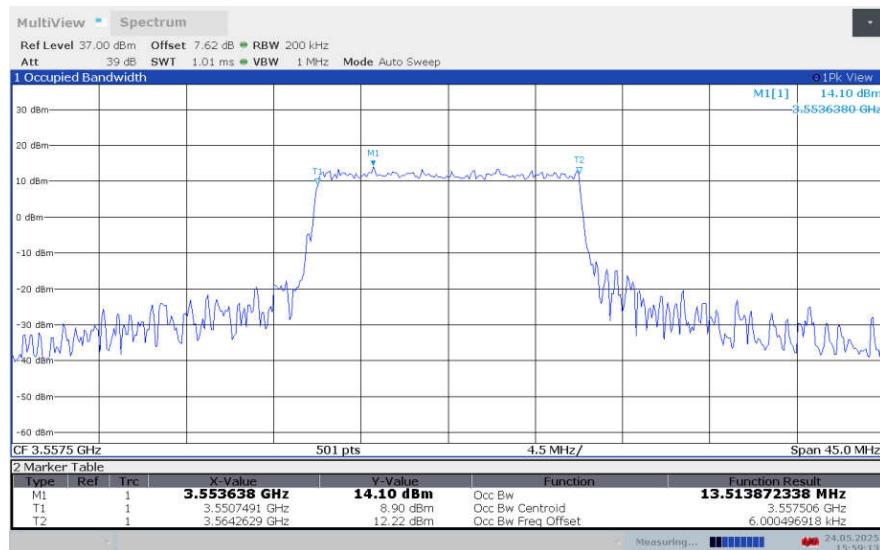


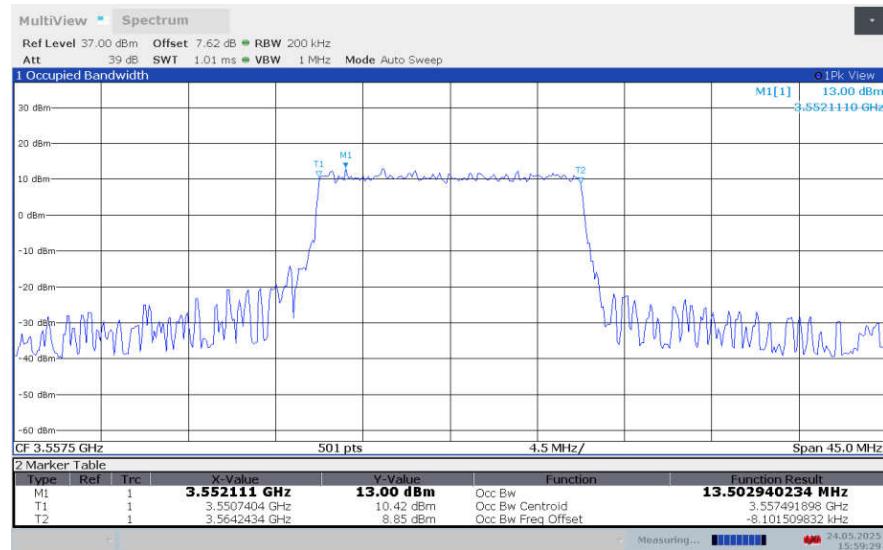
LTE band 42 , 10MHz Bandwidth,HIGH,256QAM (99% BW)



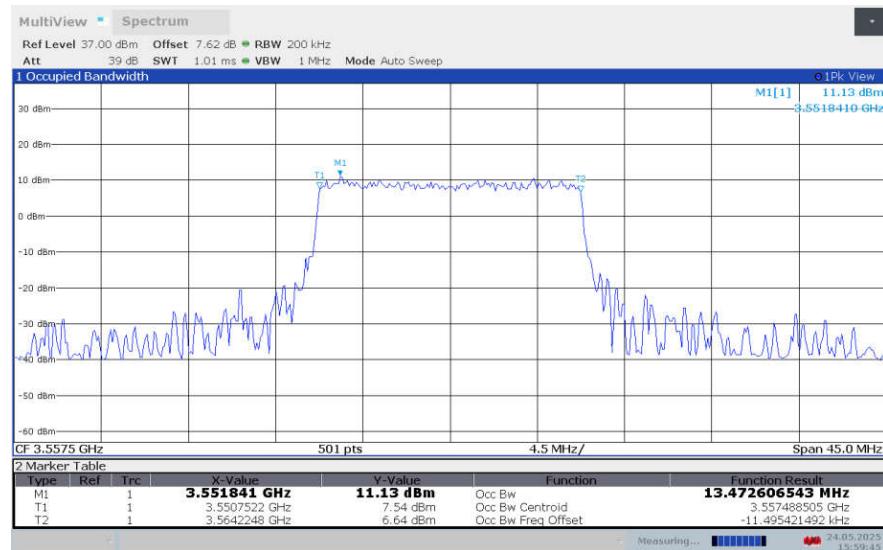
LTE band 42_Part96,15MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) | | | |
|-----------------|-------------------------------|--------|--------|--------|
| | QPSK | 16QAM | 64QAM | 256QAM |
| 3557.5 | 13.509 | 13.514 | 13.503 | 13.473 |
| 3575 | 13.499 | 13.496 | 13.470 | 13.473 |
| 3592.5 | 13.511 | 13.495 | 13.502 | 13.498 |

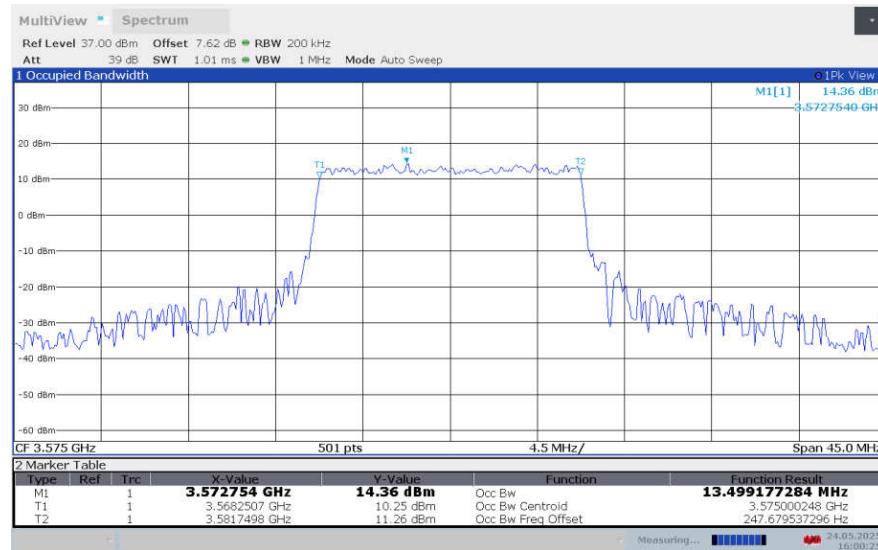
LTE band 42 , 15MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 42 , 15MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 42 , 15MHz Bandwidth,LOW,64QAM (99% BW)



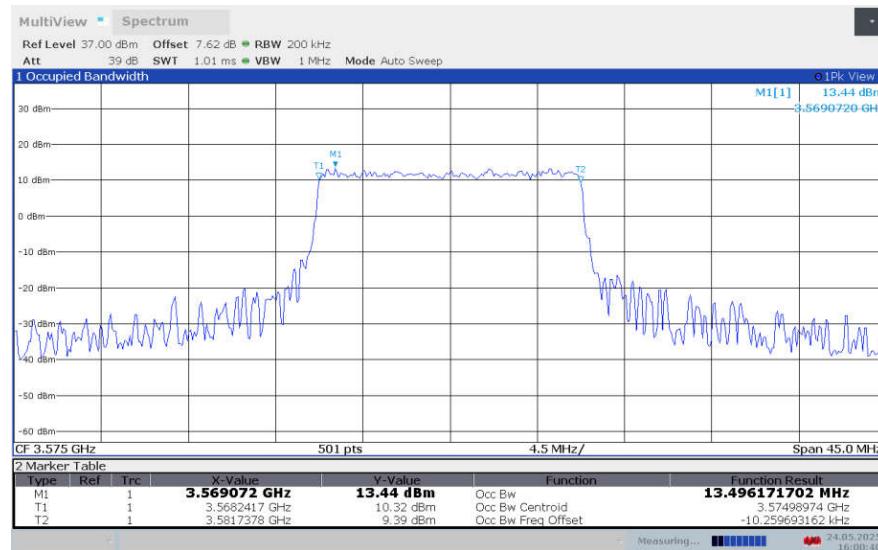
LTE band 42 , 15MHz Bandwidth,LOW,256QAM (99% BW)



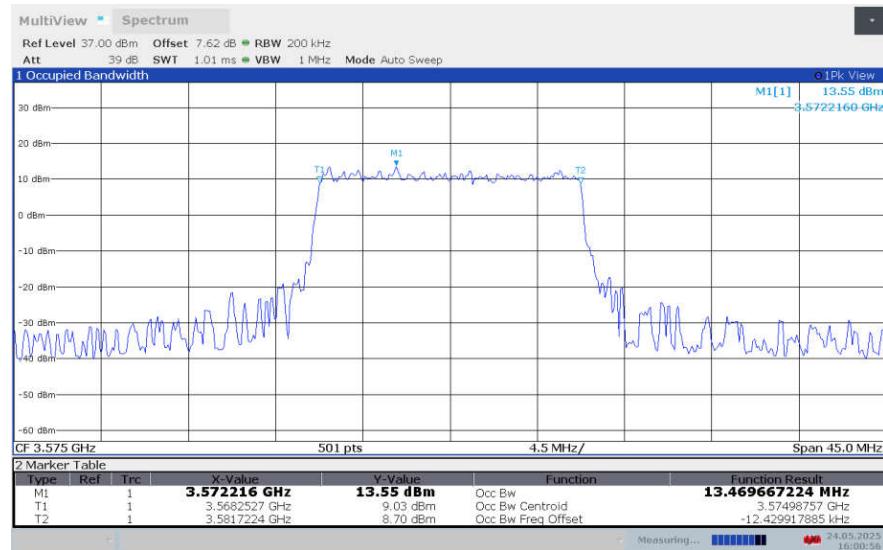
LTE band 42 , 15MHz Bandwidth,MID,QPSK (99% BW)



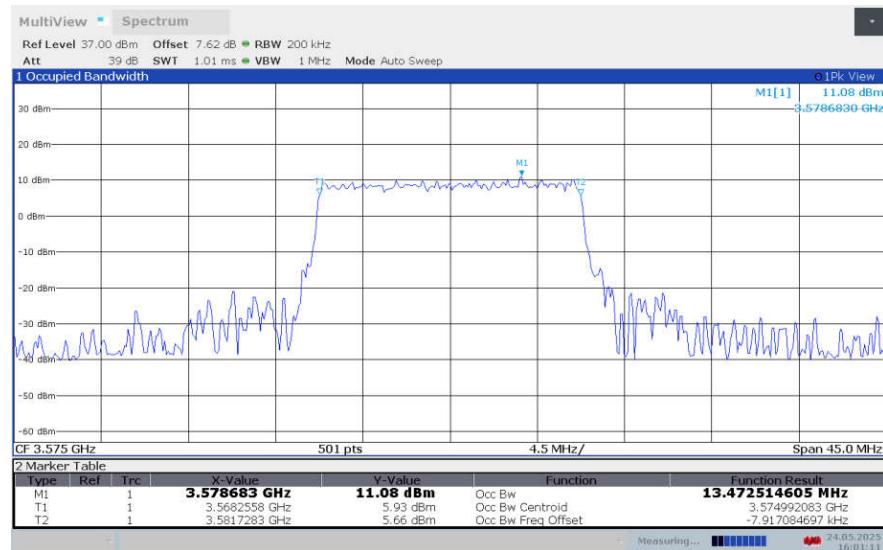
LTE band 42 , 15MHz Bandwidth,MID,16QAM (99% BW)



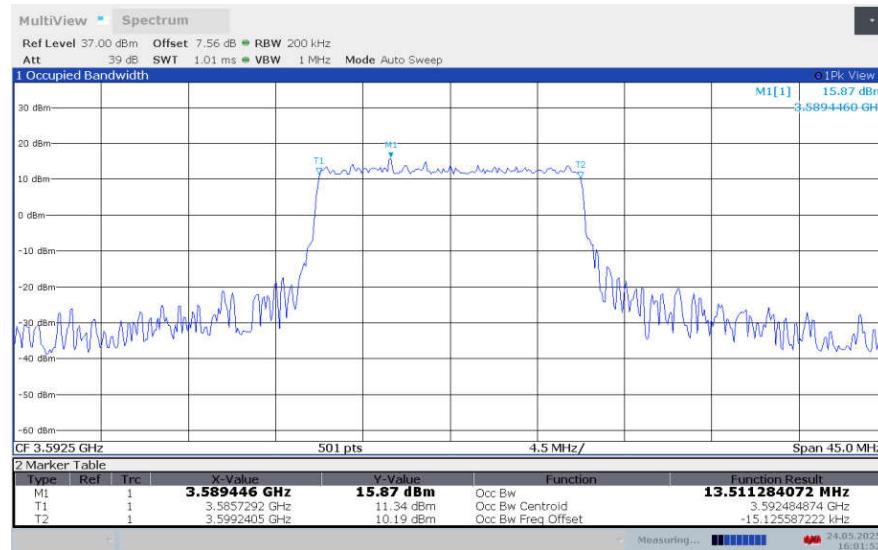
LTE band 42 , 15MHz Bandwidth,MID,64QAM (99% BW)



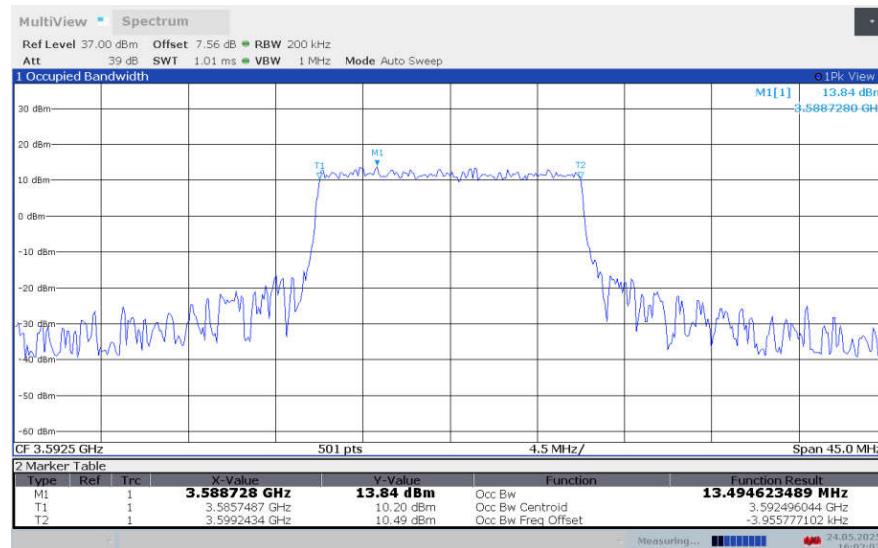
LTE band 42 , 15MHz Bandwidth,MID,256QAM (99% BW)



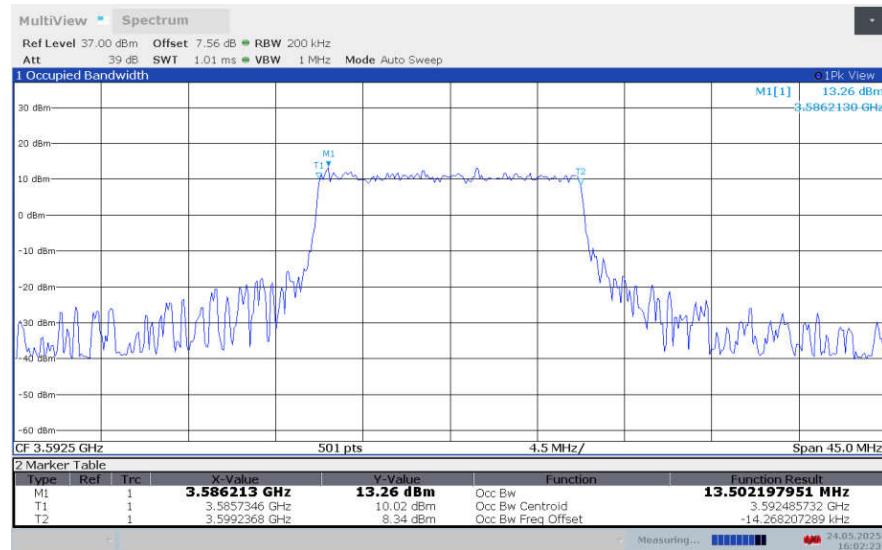
LTE band 42 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



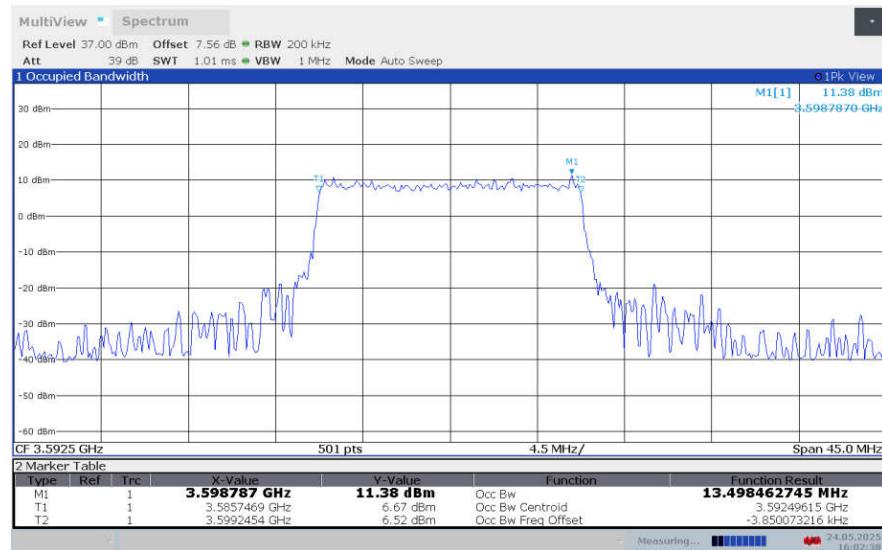
LTE band 42 , 15MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 42 , 15MHz Bandwidth,HIGH,64QAM (99% BW)

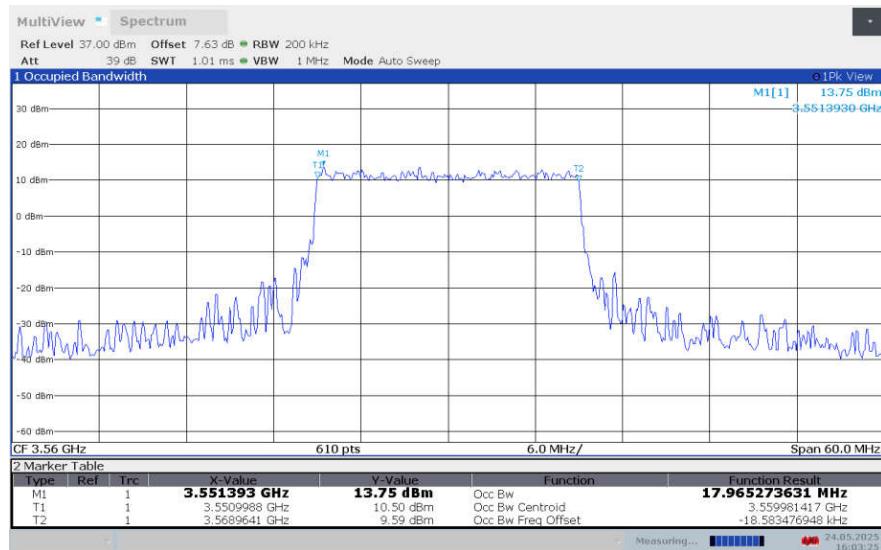
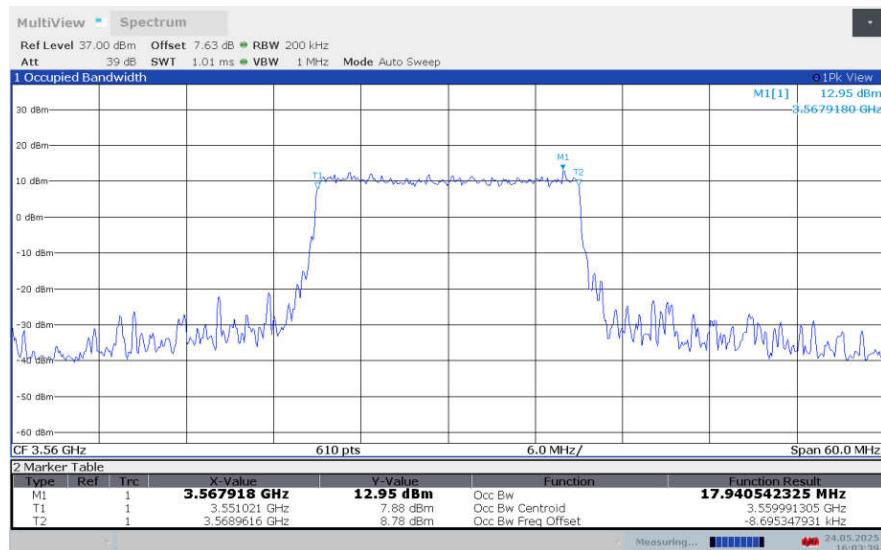


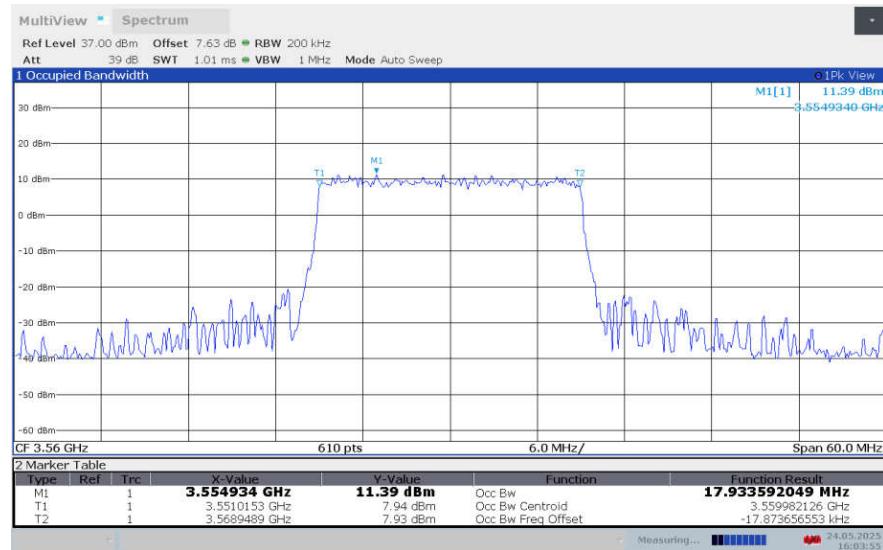
LTE band 42 , 15MHz Bandwidth,HIGH,256QAM (99% BW)



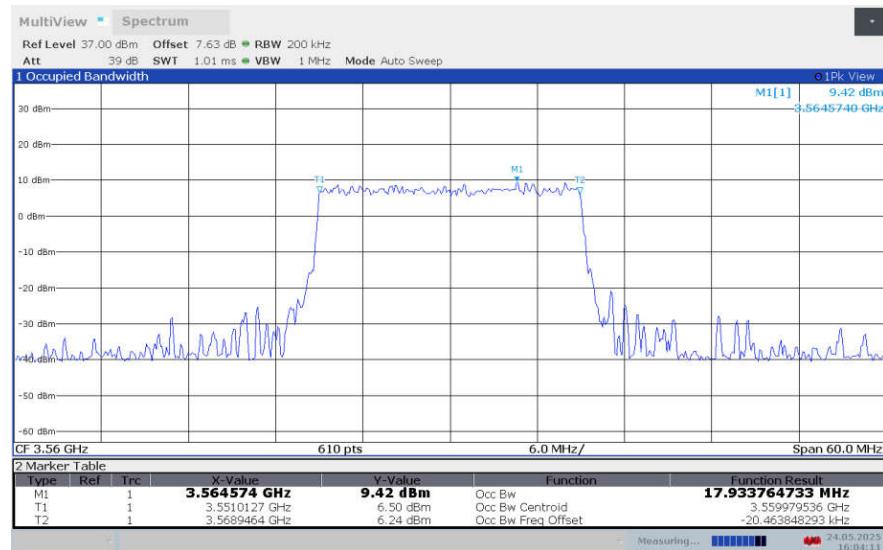
LTE band 42_Part96,20MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) | | | |
|-----------------|-------------------------------|--------|--------|--------|
| | QPSK | 16QAM | 64QAM | 256QAM |
| 3560 | 17.965 | 17.941 | 17.934 | 17.934 |
| 3575 | 17.942 | 17.946 | 17.958 | 17.947 |
| 3590 | 17.925 | 17.902 | 17.925 | 17.927 |

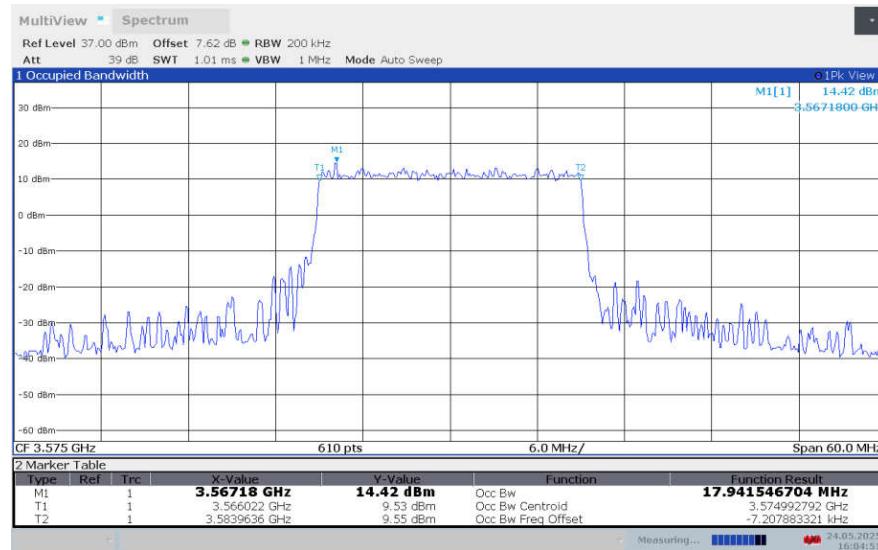
LTE band 42 , 20MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 42 , 20MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 42 , 20MHz Bandwidth,LOW,64QAM (99% BW)



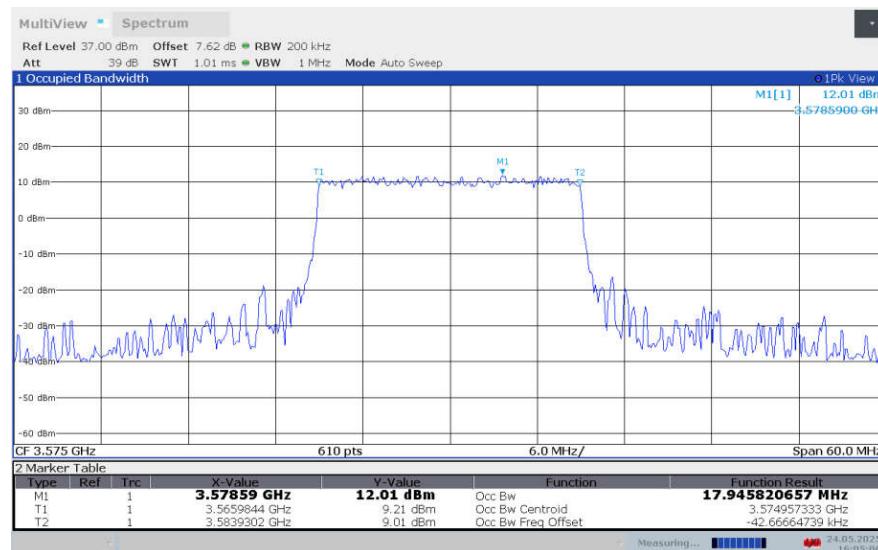
LTE band 42 , 20MHz Bandwidth,LOW,256QAM (99% BW)



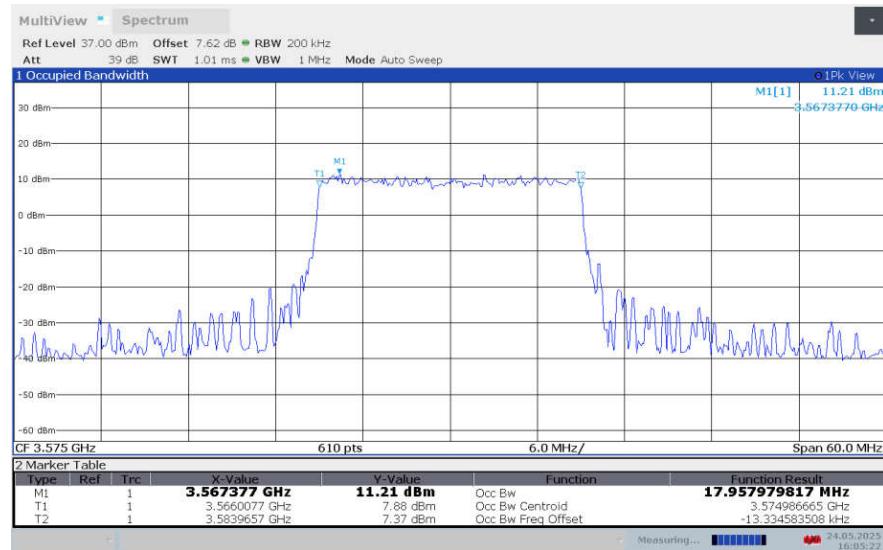
LTE band 42 , 20MHz Bandwidth,MID,QPSK (99% BW)



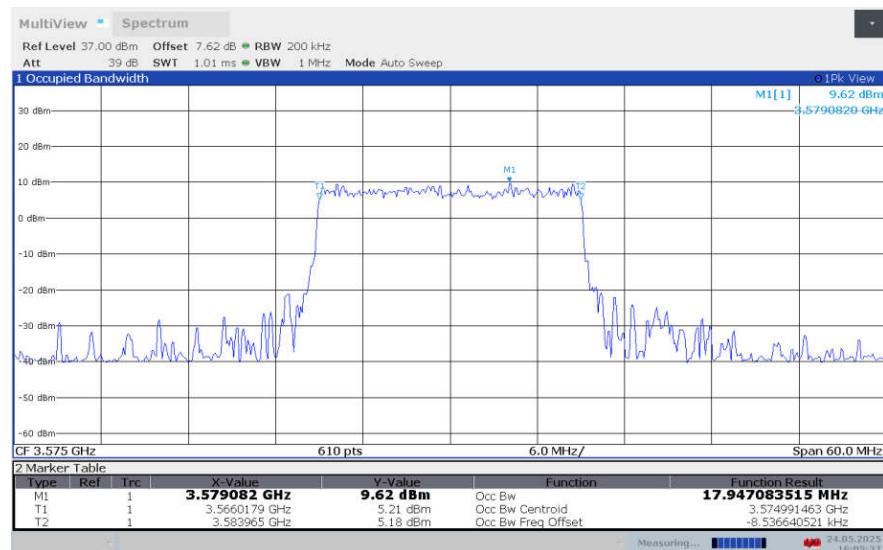
LTE band 42 , 20MHz Bandwidth,MID,16QAM (99% BW)



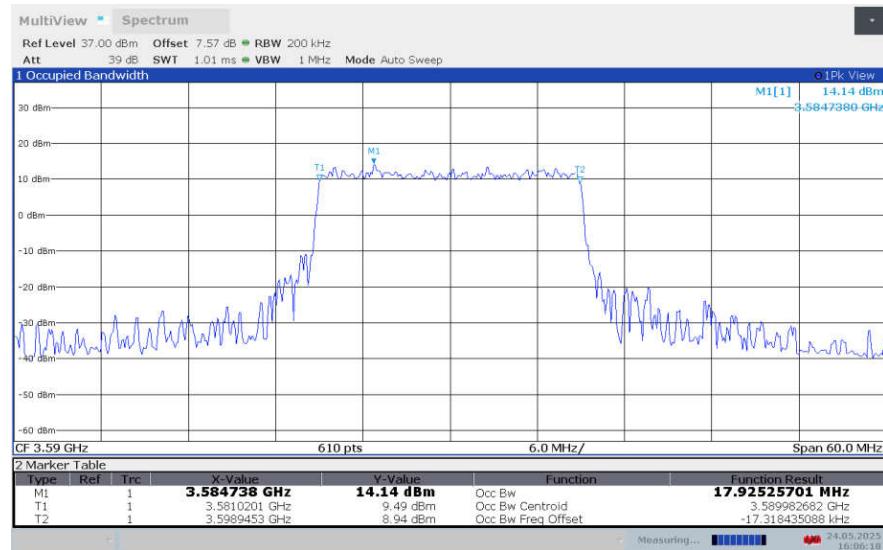
LTE band 42 , 20MHz Bandwidth,MID,64QAM (99% BW)



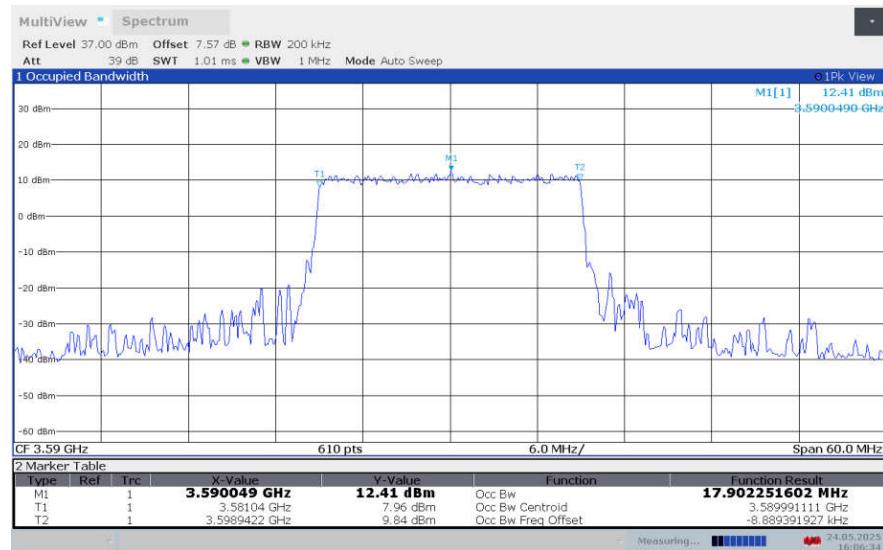
LTE band 42 , 20MHz Bandwidth,MID,256QAM (99% BW)



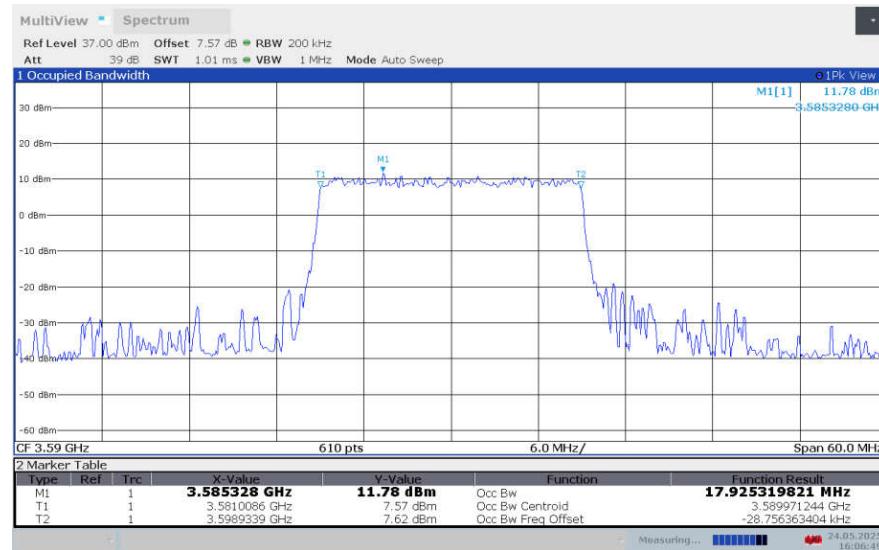
LTE band 42 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



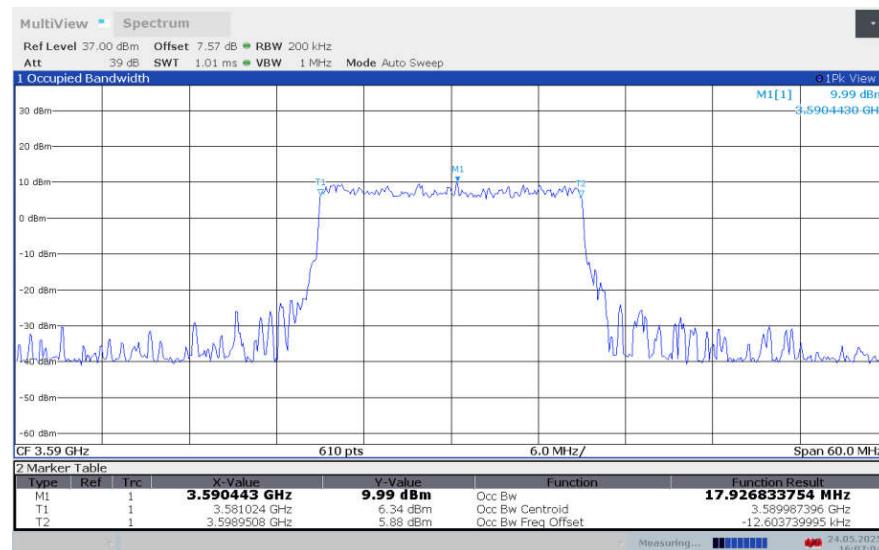
LTE band 42 , 20MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 42 , 20MHz Bandwidth,HIGH,64QAM (99% BW)

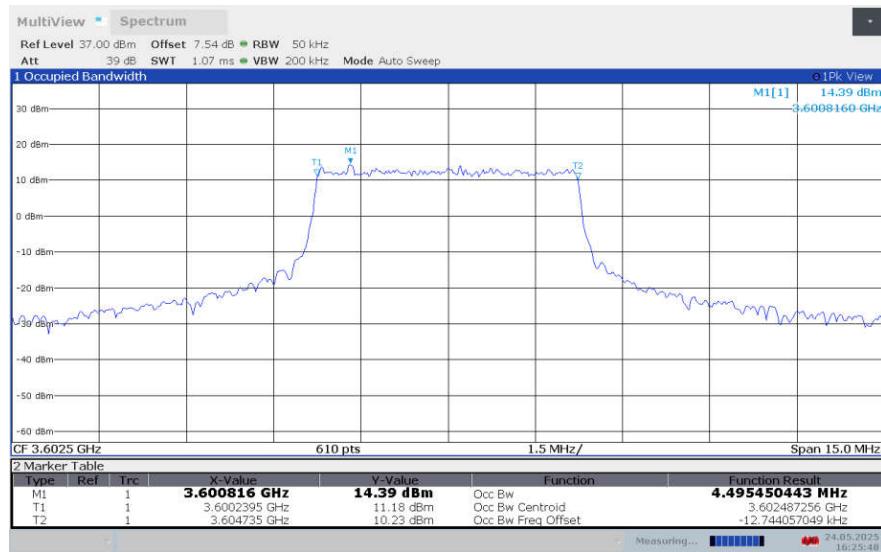
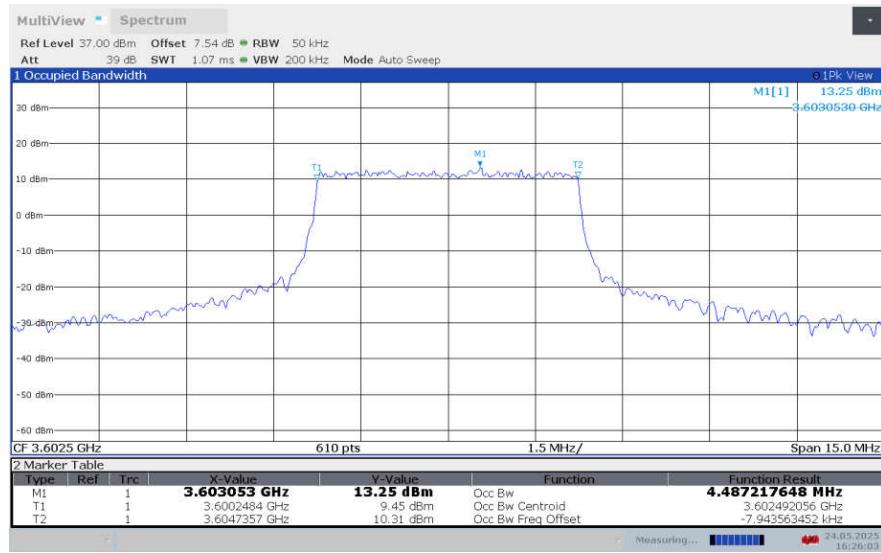


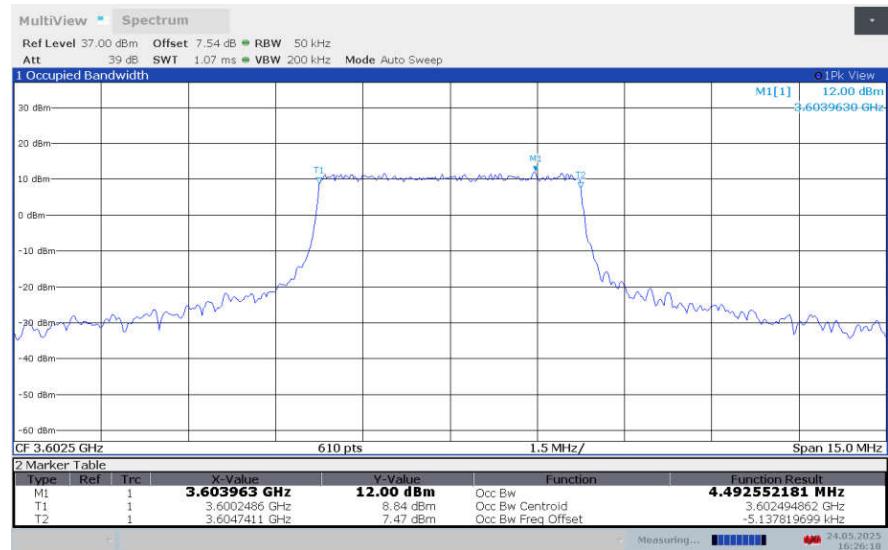
LTE band 42 , 20MHz Bandwidth,HIGH,256QAM (99% BW)



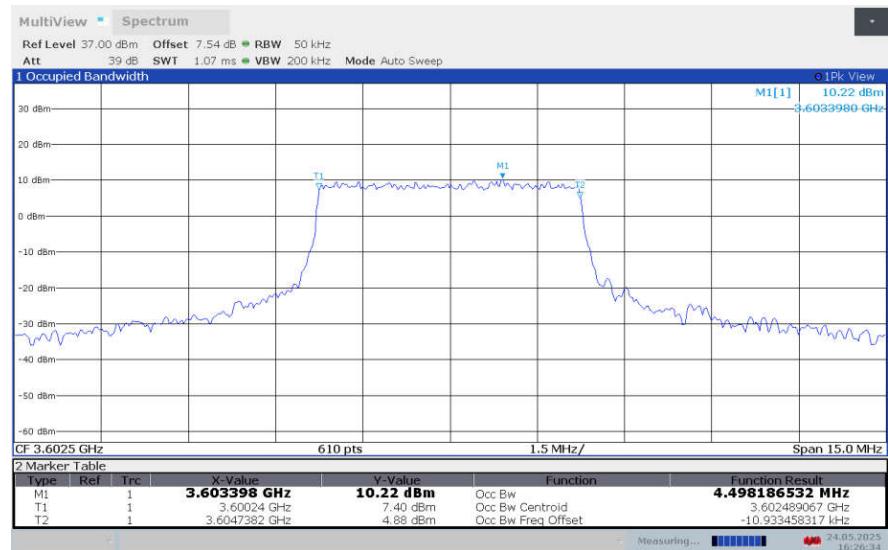
LTE band 43_Part96,5MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) | | | |
|-----------------|-------------------------------|-------|-------|--------|
| | QPSK | 16QAM | 64QAM | 256QAM |
| 3602.5 | 4.495 | 4.487 | 4.493 | 4.498 |
| 3650 | 4.493 | 4.499 | 4.493 | 4.506 |
| 3697.5 | 4.487 | 4.496 | 4.499 | 4.499 |

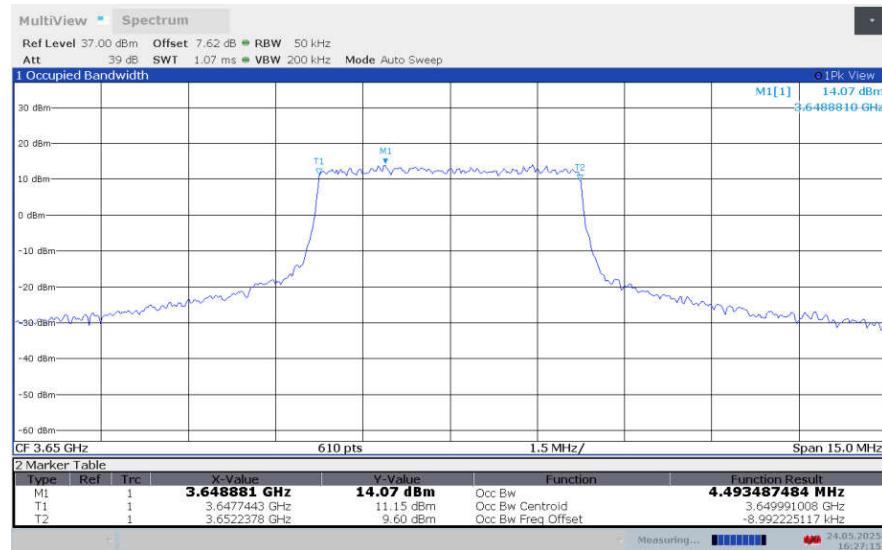
LTE band 43 , 5MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 43 , 5MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 43 , 5MHz Bandwidth,LOW,64QAM (99% BW)



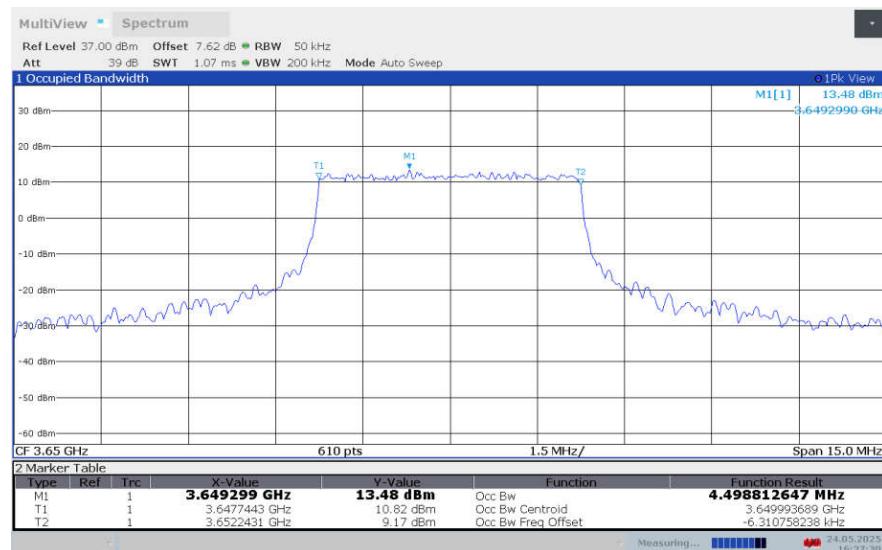
LTE band 43 , 5MHz Bandwidth,LOW,256QAM (99% BW)



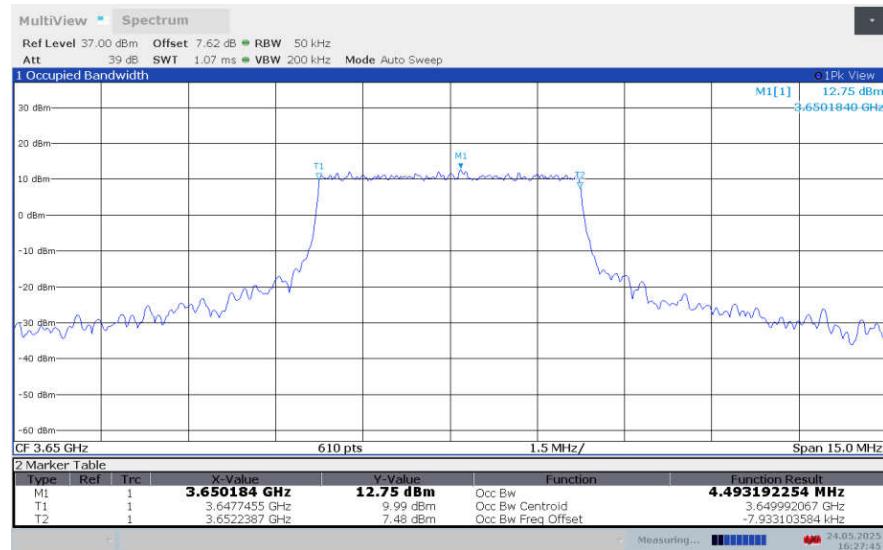
LTE band 43 , 5MHz Bandwidth,MID,QPSK (99% BW)



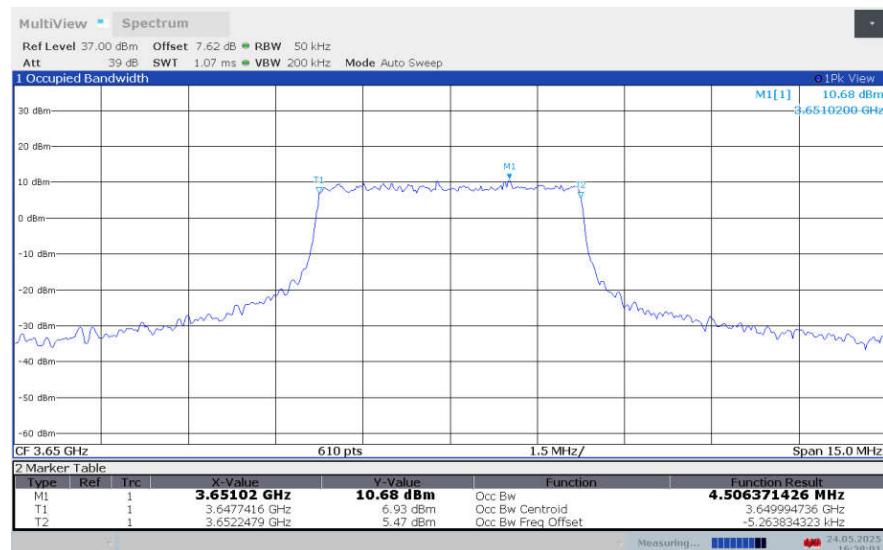
LTE band 43 , 5MHz Bandwidth,MID,16QAM (99% BW)



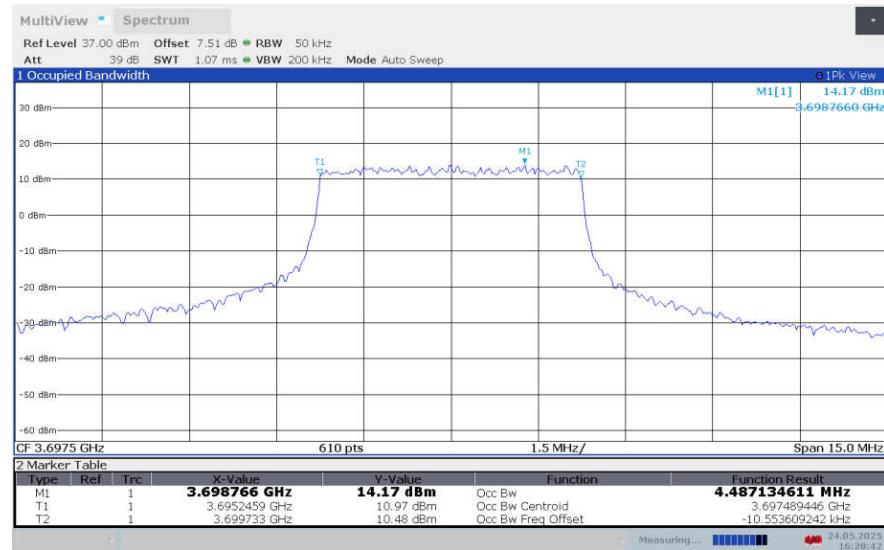
LTE band 43 , 5MHz Bandwidth,MID,64QAM (99% BW)



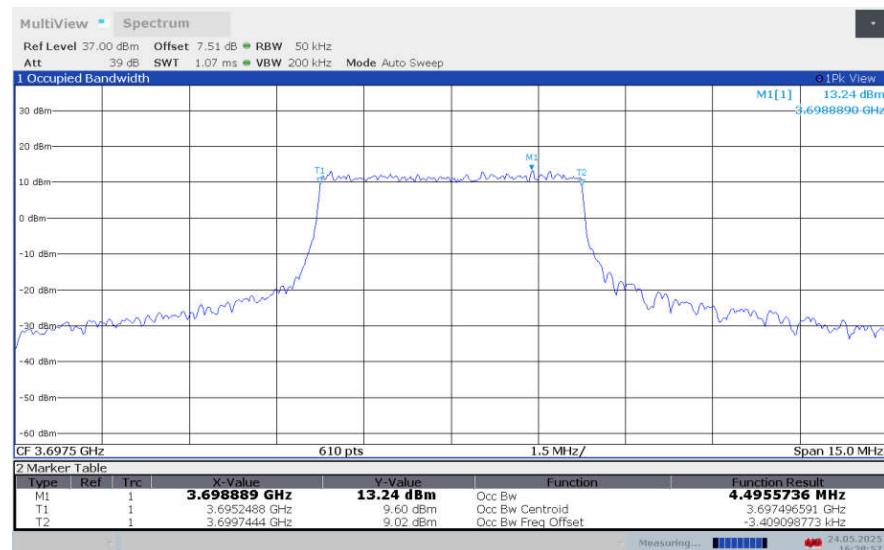
LTE band 43 , 5MHz Bandwidth,MID,256QAM (99% BW)



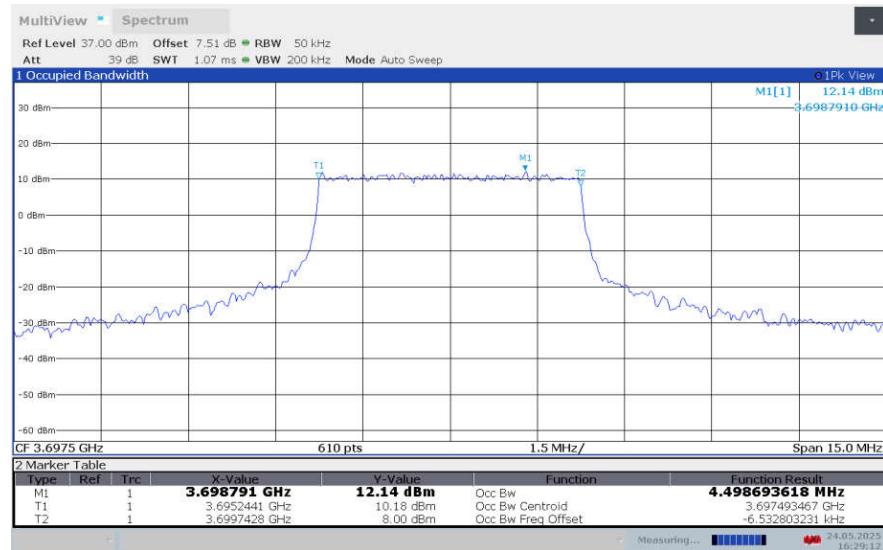
LTE band 43 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



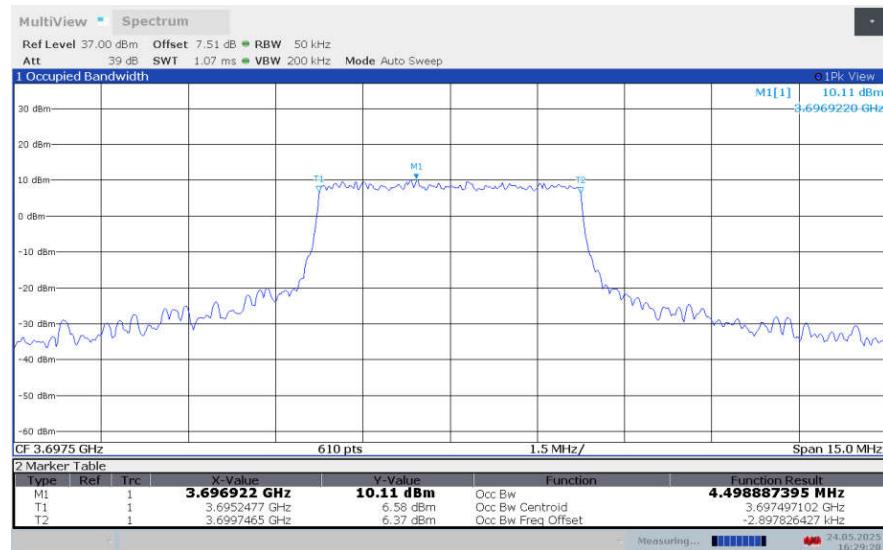
LTE band 43 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 43 , 5MHz Bandwidth,HIGH,64QAM (99% BW)

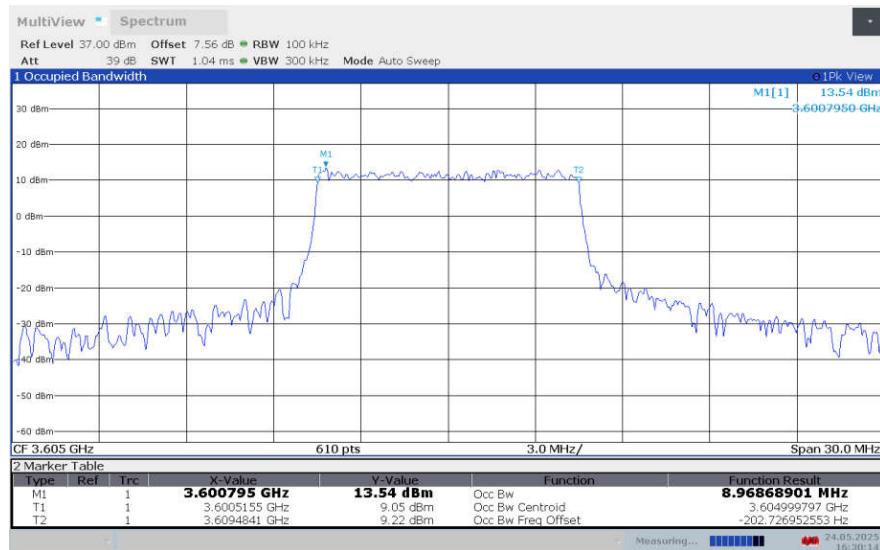
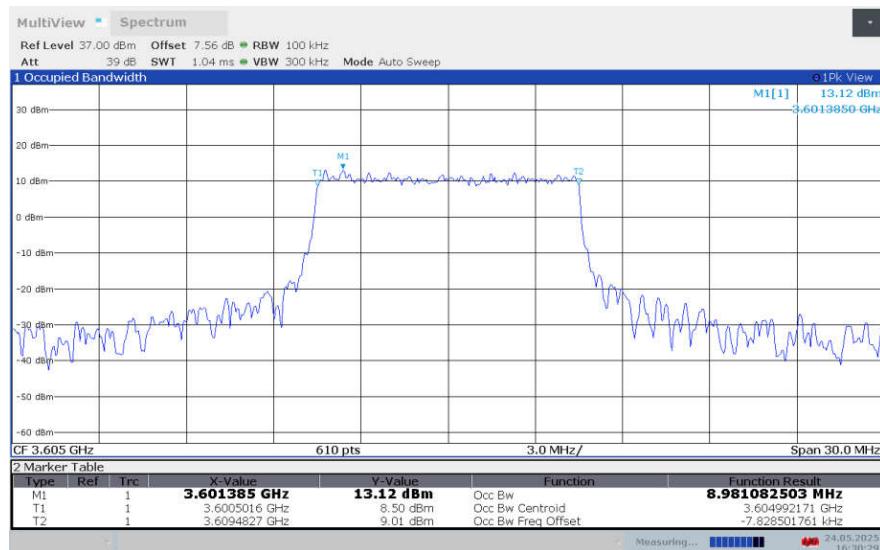


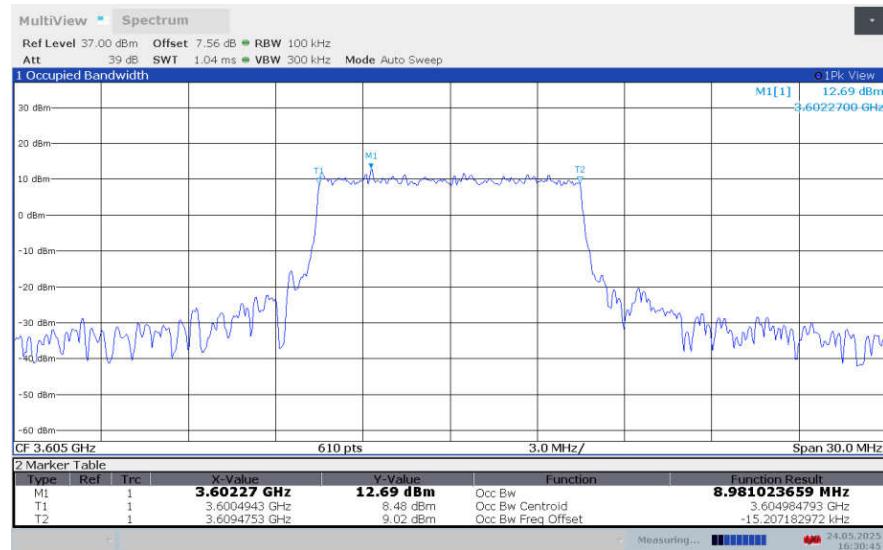
LTE band 43 , 5MHz Bandwidth,HIGH,256QAM (99% BW)



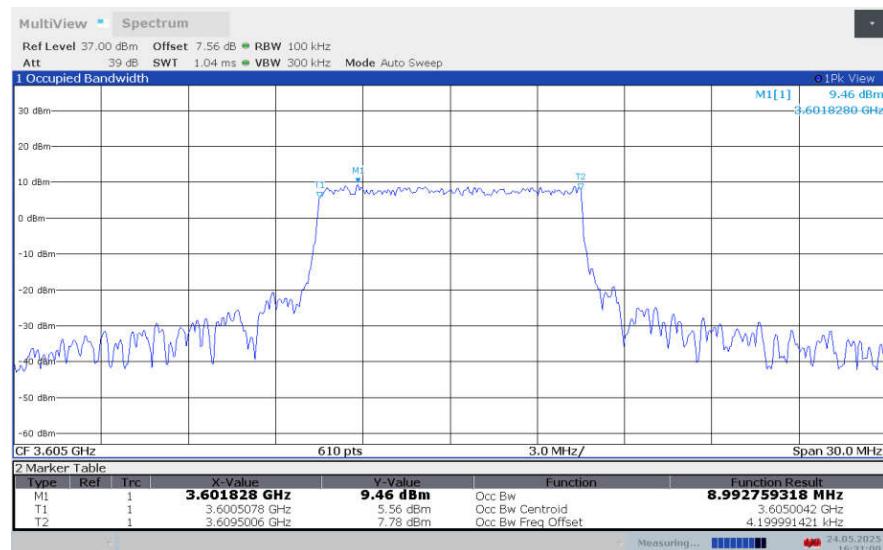
LTE band 43_Part96,10MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%)(MHz) | | | |
|-----------------|-------------------------------|-------|-------|--------|
| | QPSK | 16QAM | 64QAM | 256QAM |
| 3605 | 8.969 | 8.981 | 8.981 | 8.993 |
| 3650 | 8.986 | 9.012 | 8.986 | 8.975 |
| 3695 | 8.964 | 8.997 | 8.982 | 8.966 |

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

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

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



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



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