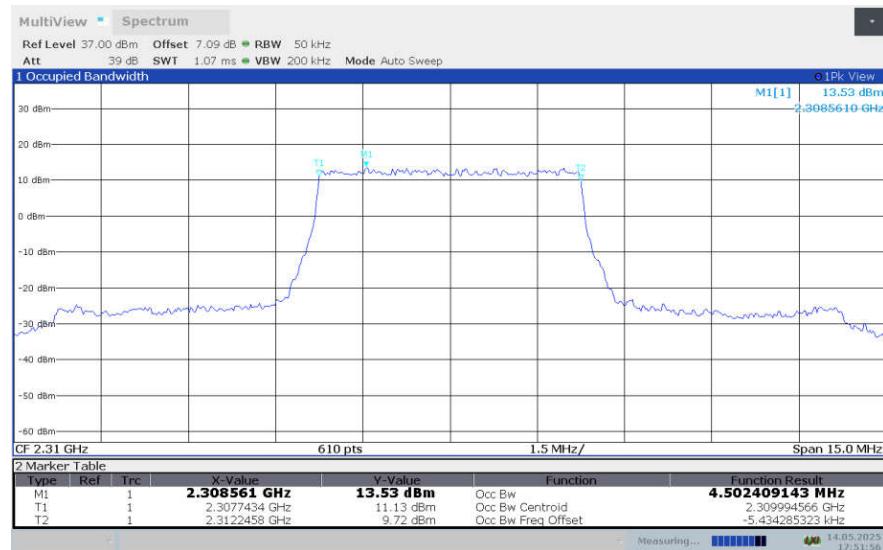
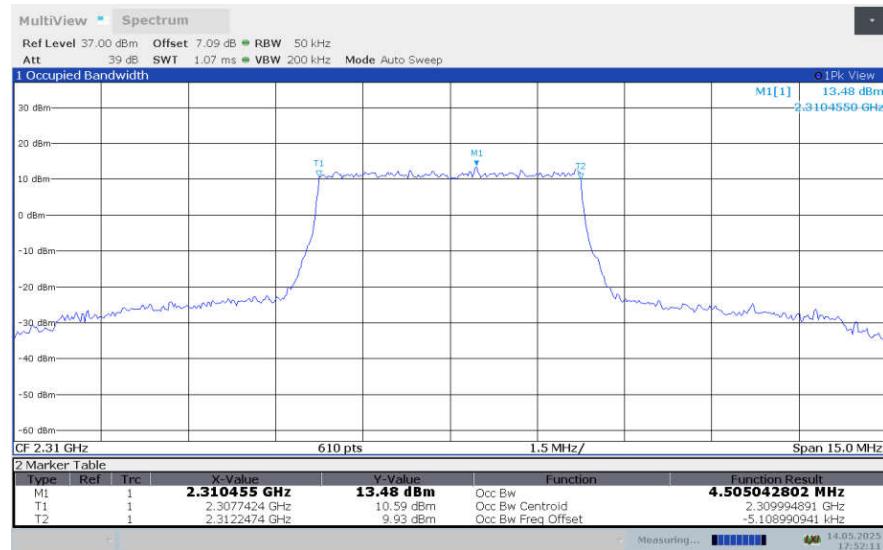


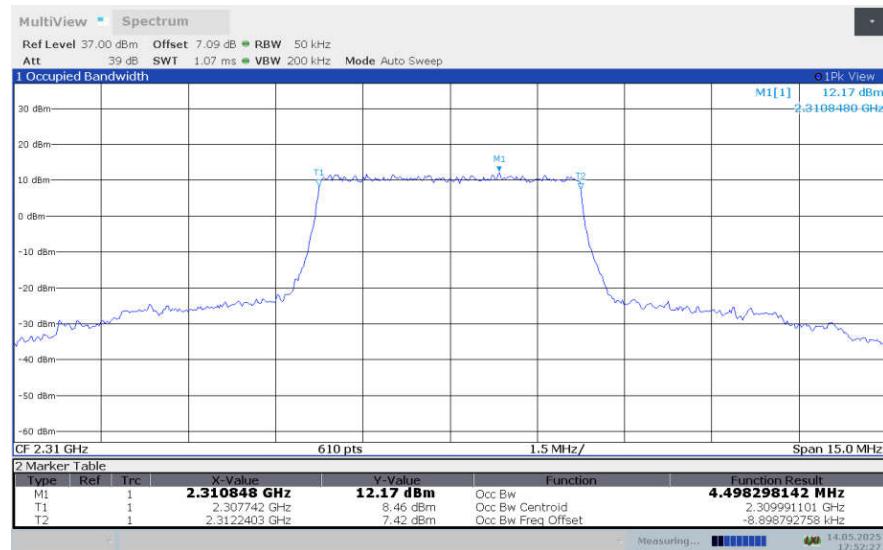
### LTE band 30 , 5MHz Bandwidth,MID,QPSK (99% BW)



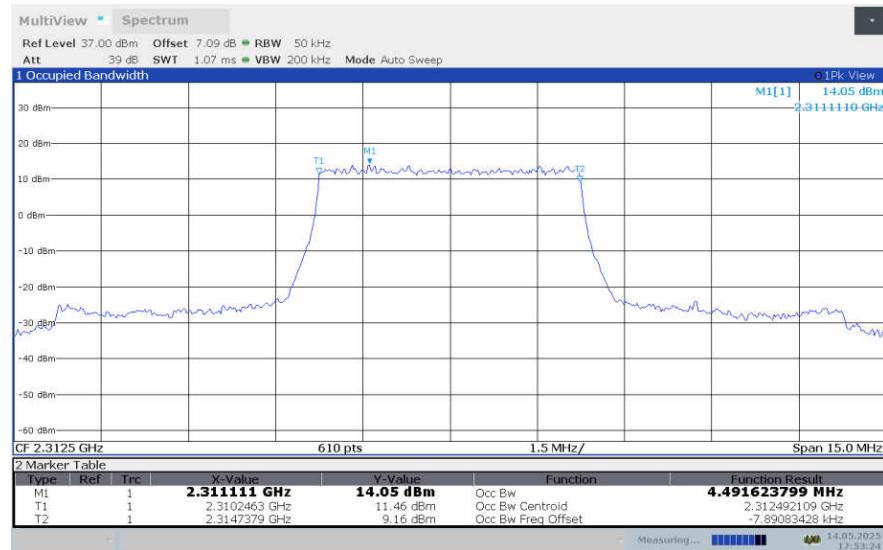
### LTE band 30 , 5MHz Bandwidth,MID,16QAM (99% BW)



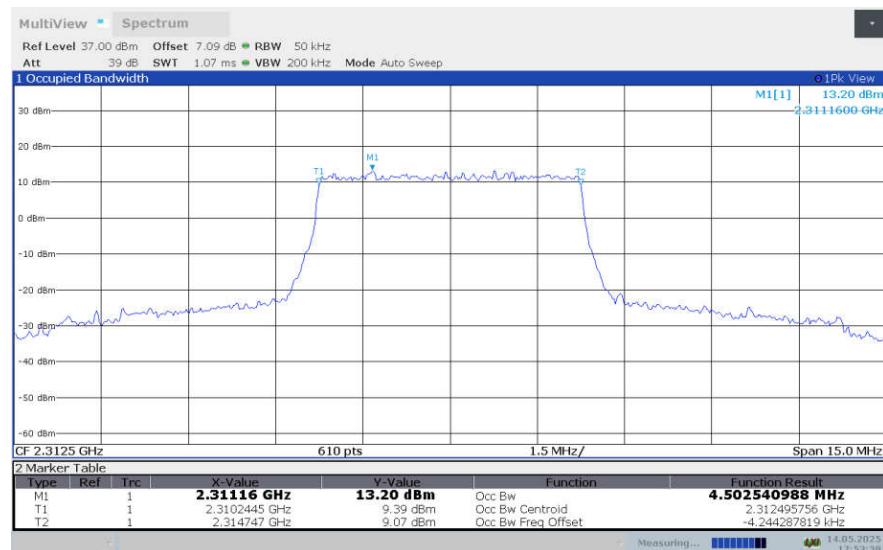
### LTE band 30 , 5MHz Bandwidth,MID,64QAM (99% BW)



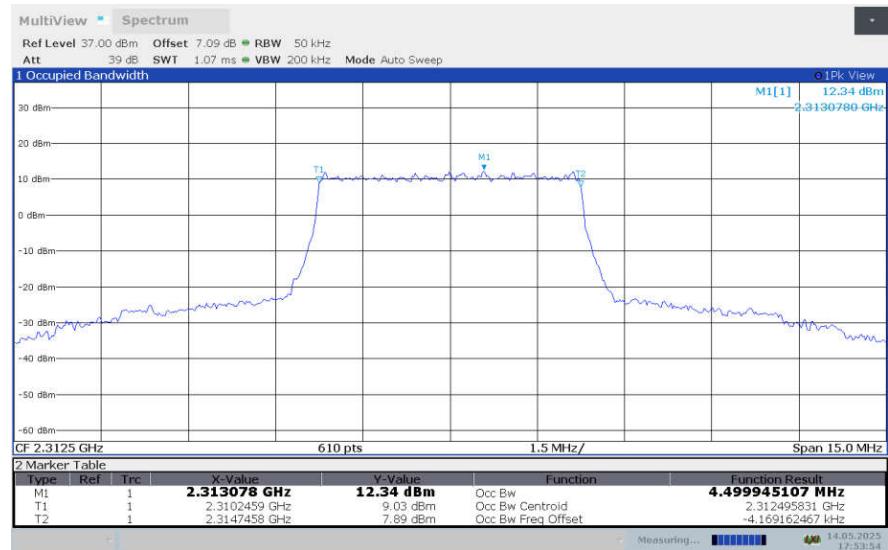
### LTE band 30 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



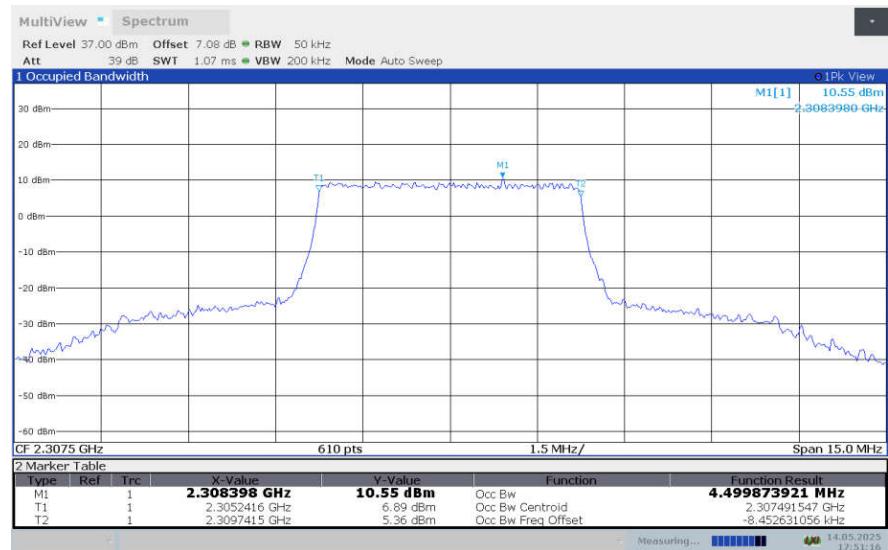
### LTE band 30 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



### LTE band 30 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



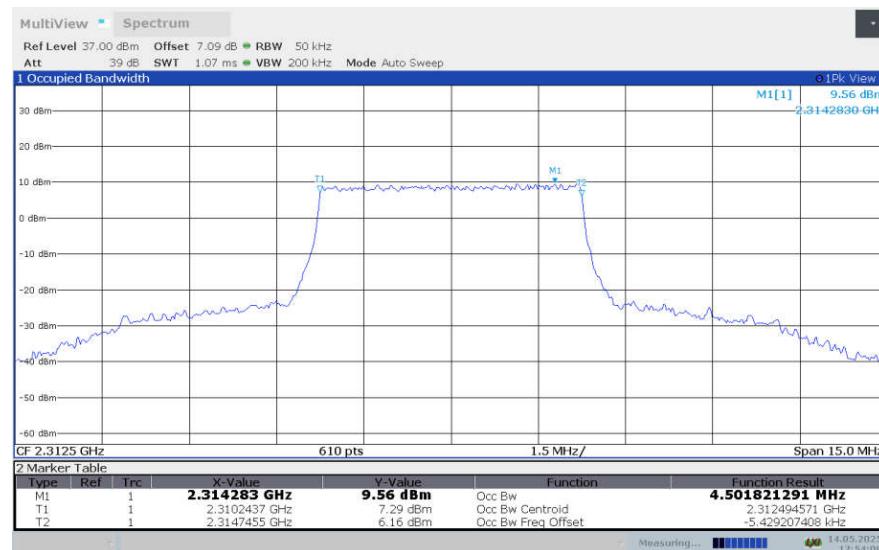
### LTE band 30 , 5MHz Bandwidth,LOW,256QAM (99% BW)



### LTE band 30 , 5MHz Bandwidth,MID,256QAM (99% BW)

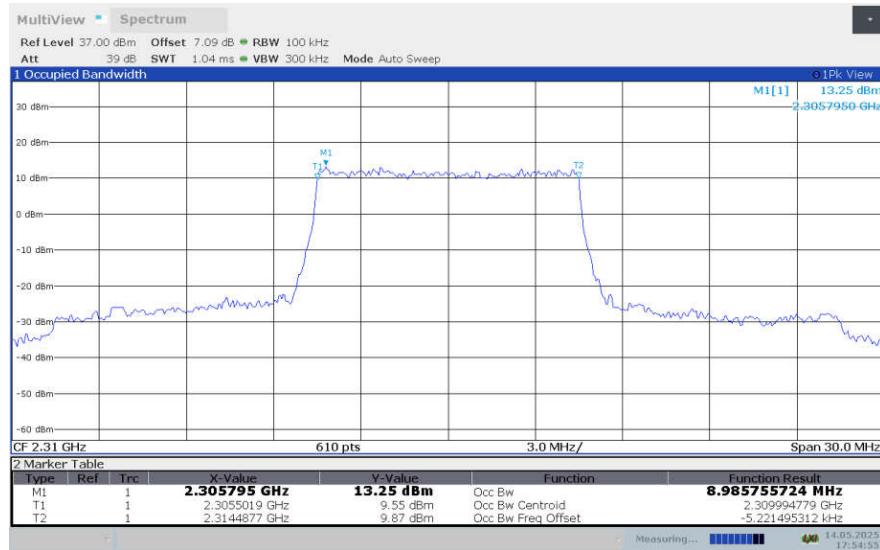
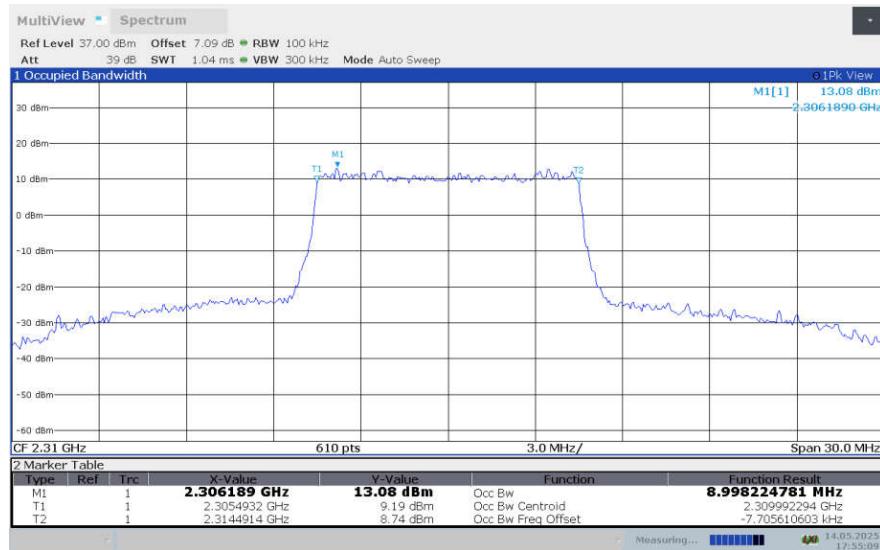


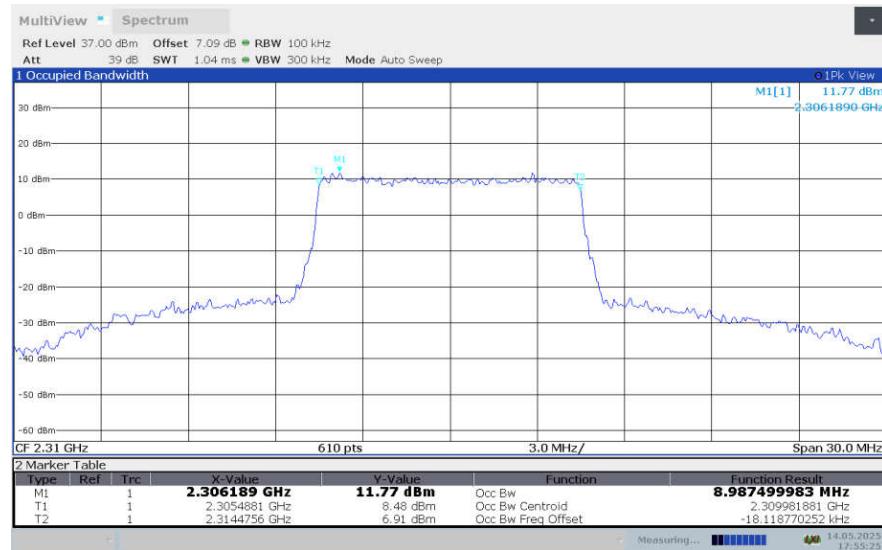
### LTE band 30 , 5MHz Bandwidth,HIGH,256QAM (99% BW)



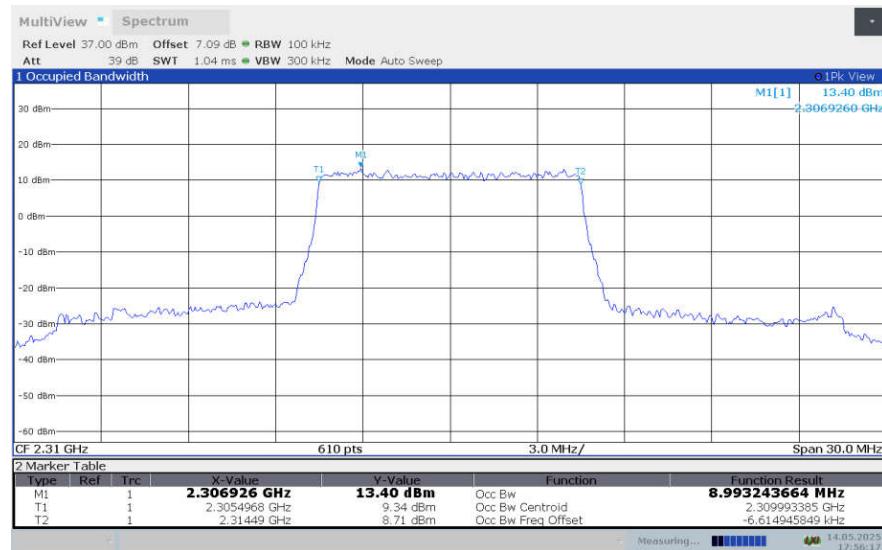
**LTE band 30,10MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2310	8.986	8.998	8.987	8.990
2310	8.993	8.977	8.983	9.013
2310	8.996	9.002	8.999	9.004

**LTE band 30 , 10MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE band 30 , 10MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE band 30 , 10MHz Bandwidth,LOW,64QAM (99% BW)**



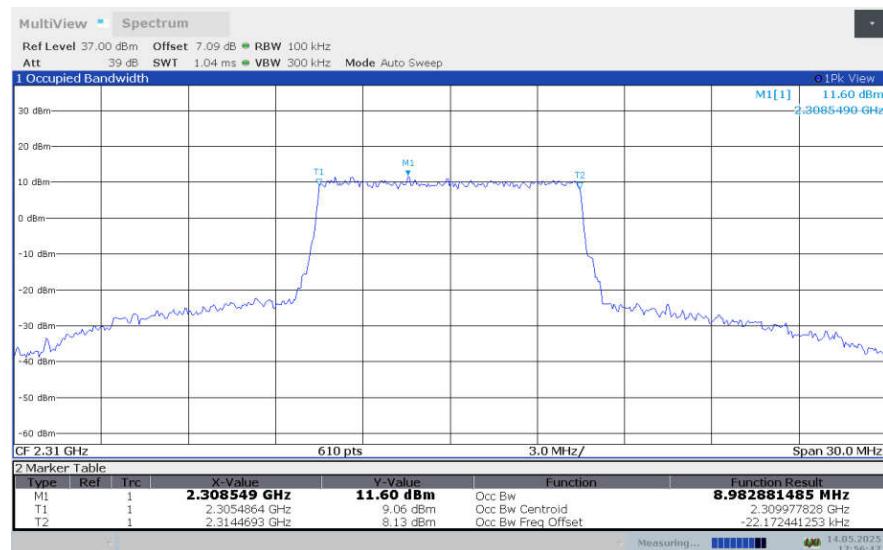
### LTE band 30 , 10MHz Bandwidth,MID,QPSK (99% BW)



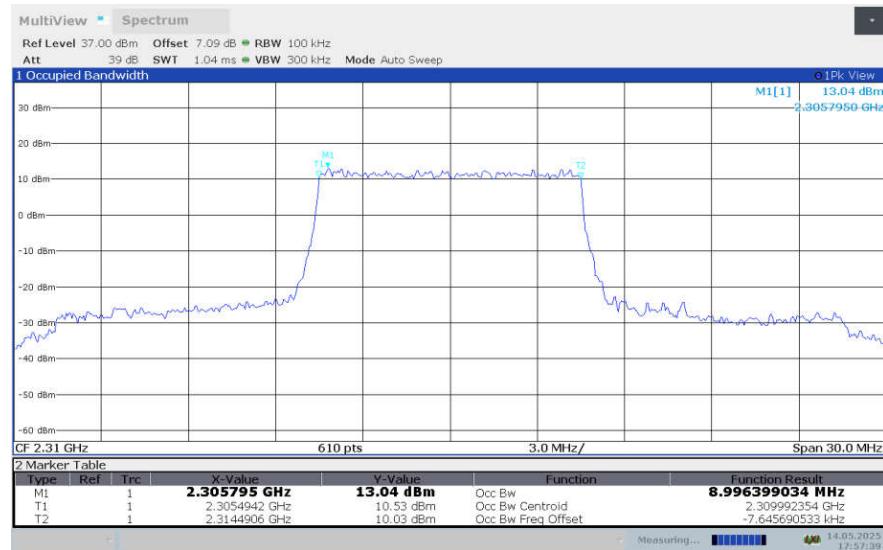
### LTE band 30 , 10MHz Bandwidth,MID,16QAM (99% BW)



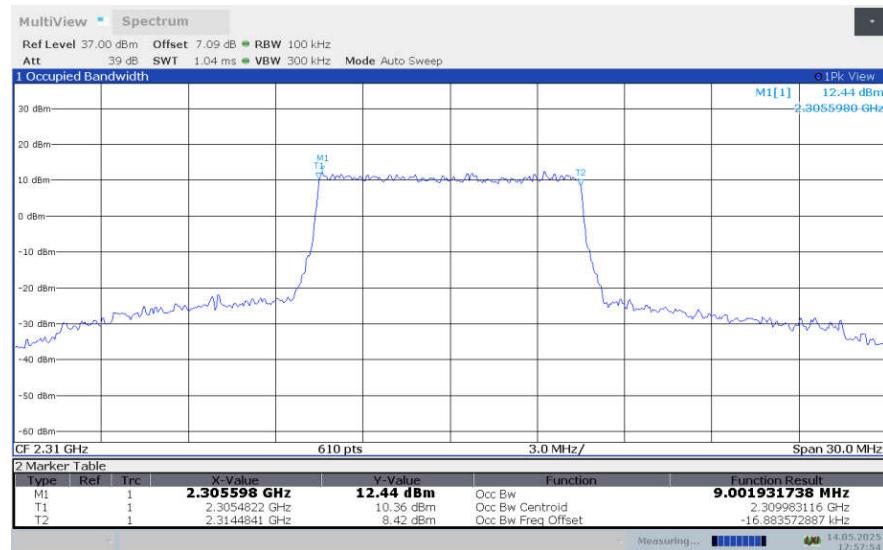
### LTE band 30 , 10MHz Bandwidth,MID,64QAM (99% BW)



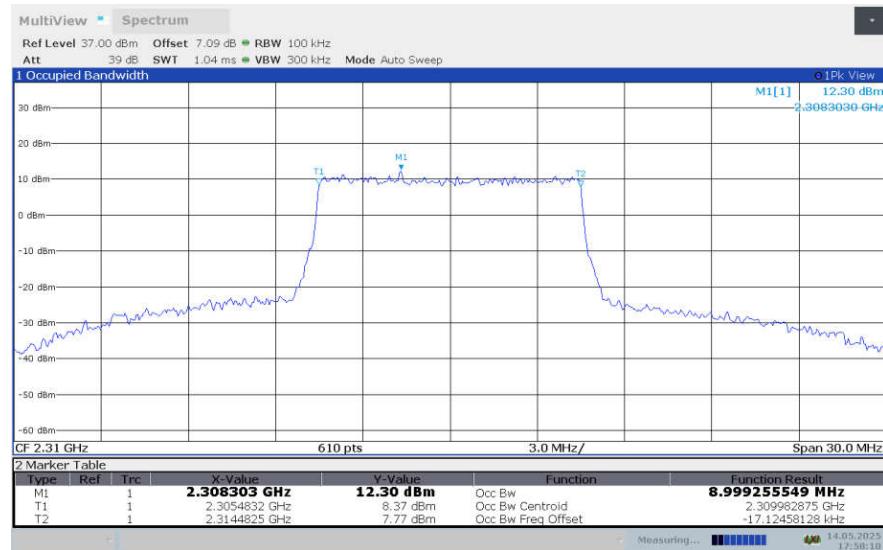
### LTE band 30 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



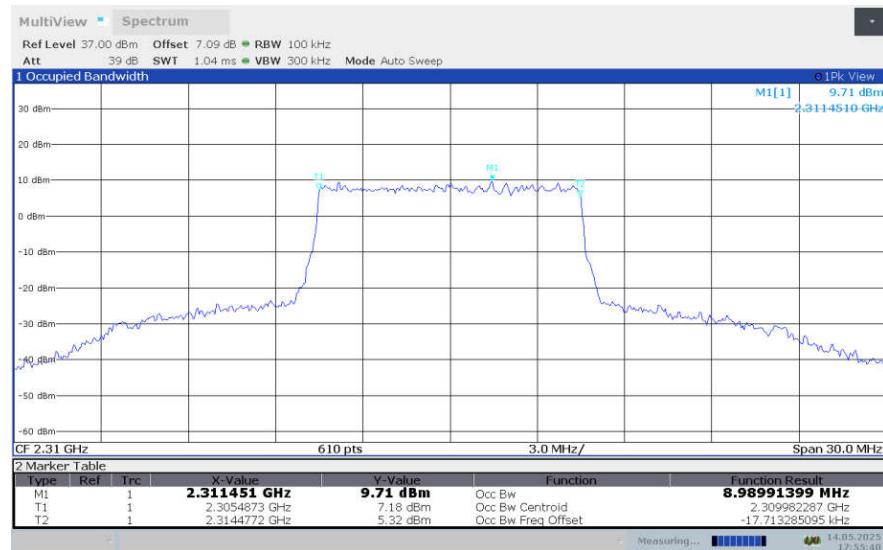
### LTE band 30 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



### LTE band 30 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



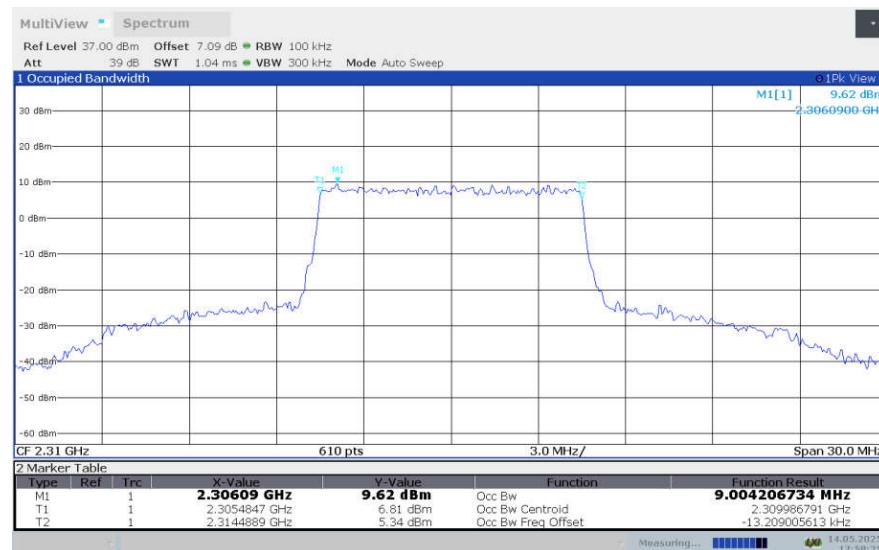
### LTE band 30 , 10MHz Bandwidth,LOW,256QAM (99% BW)



### LTE band 30 , 10MHz Bandwidth,MID,256QAM (99% BW)

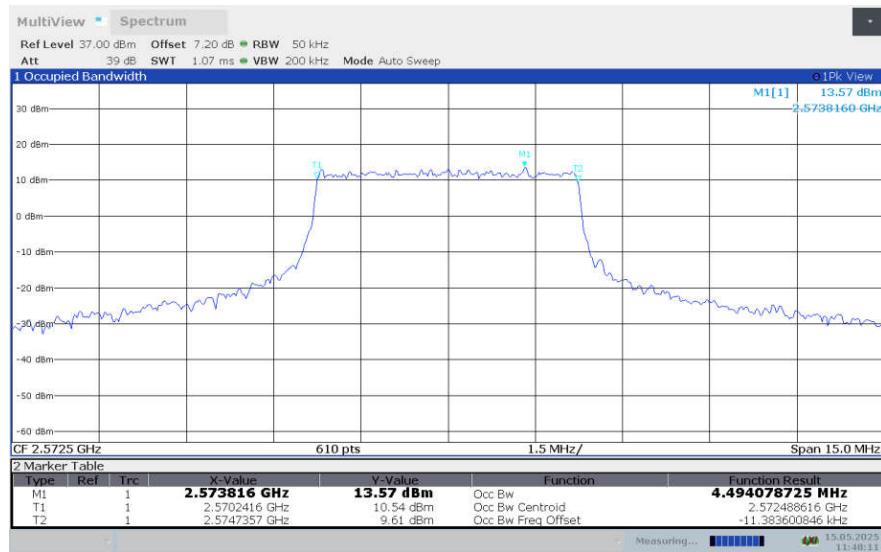
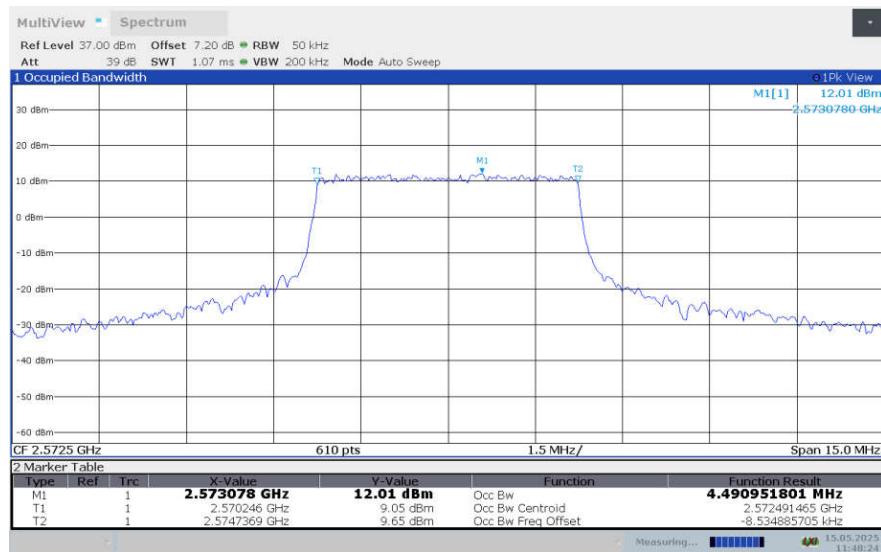


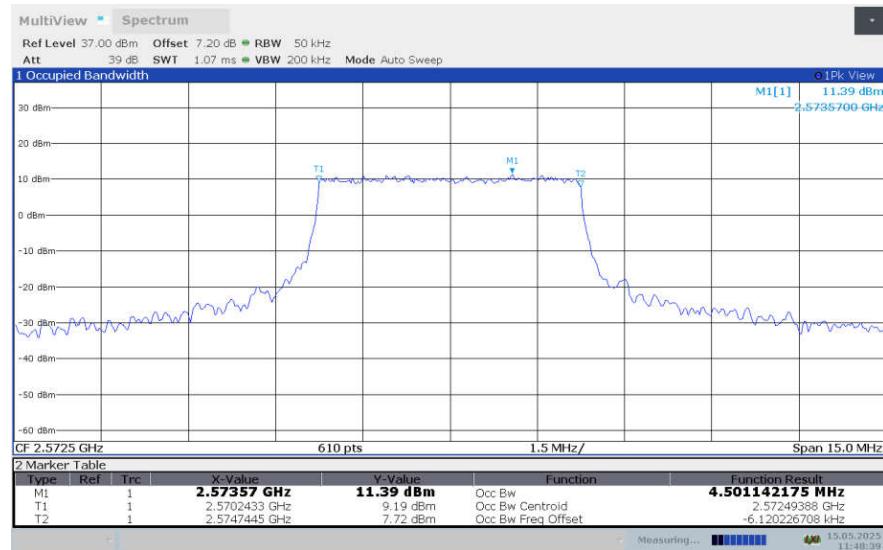
### LTE band 30 , 10MHz Bandwidth,HIGH,256QAM (99% BW)



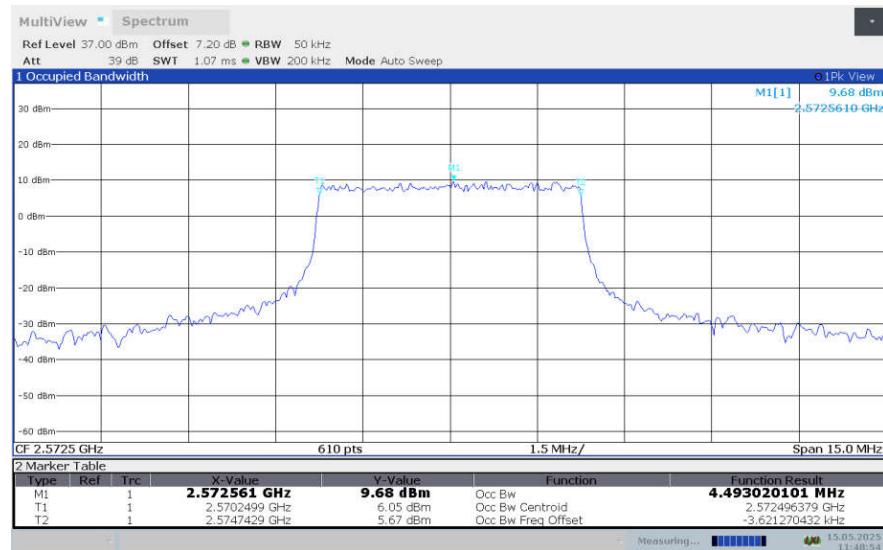
**LTE band 38,5MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2572.5	4.494	4.491	4.501	4.493
2595	4.501	4.500	4.494	4.493
2617.5	4.492	4.510	4.508	4.499

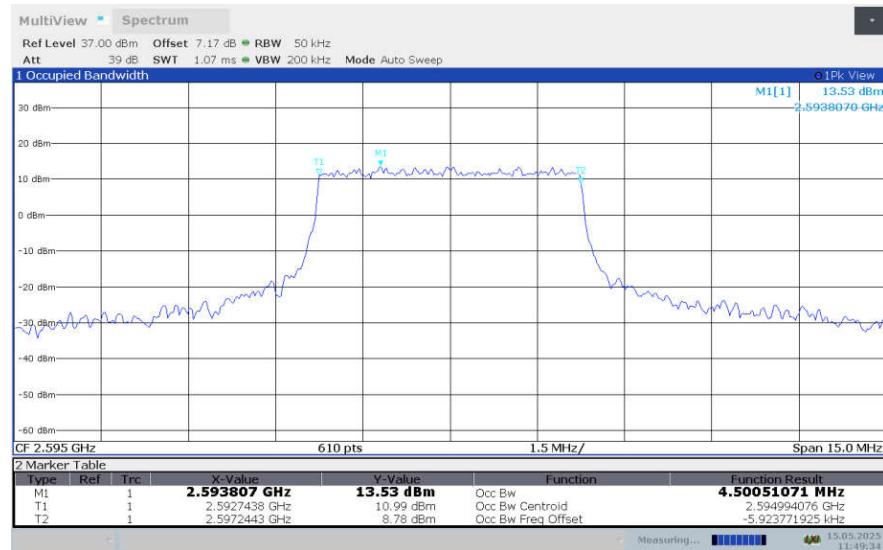
**LTE band 38 , 5MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE band 38 , 5MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE band 38 , 5MHz Bandwidth,LOW,64QAM (99% BW)**



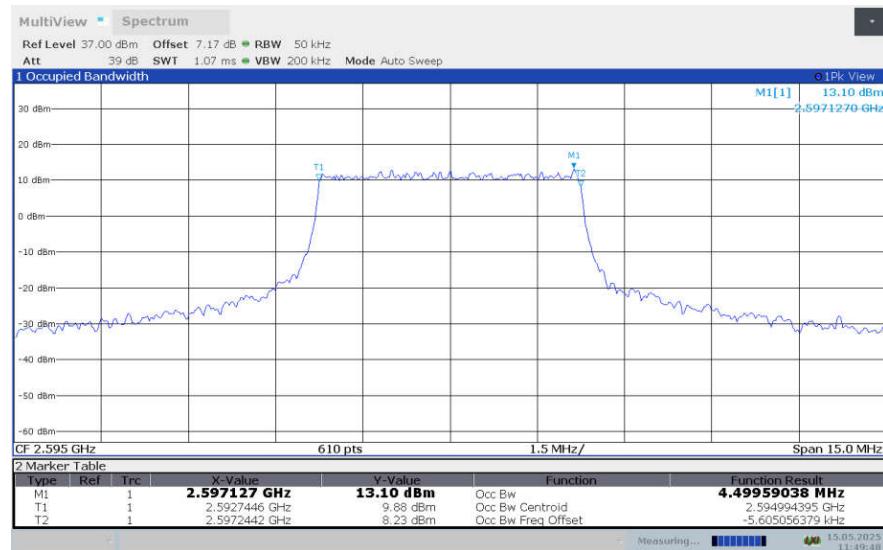
### LTE band 38 , 5MHz Bandwidth,LOW,256QAM (99% BW)



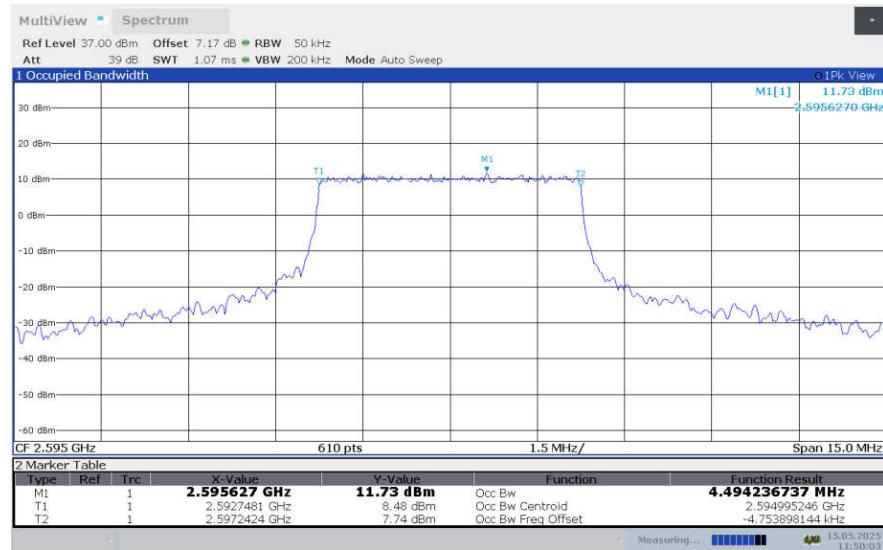
### LTE band 38 , 5MHz Bandwidth,MID,QPSK (99% BW)



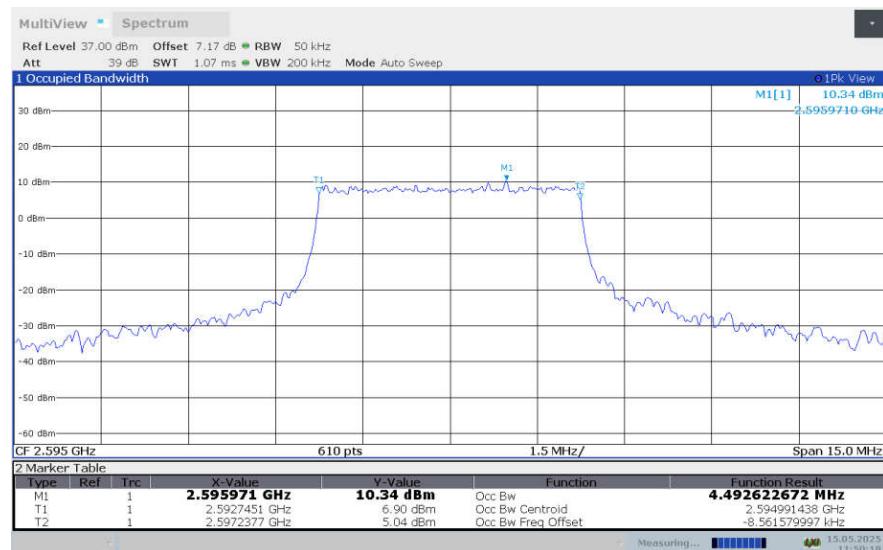
### LTE band 38 , 5MHz Bandwidth,MID,16QAM (99% BW)



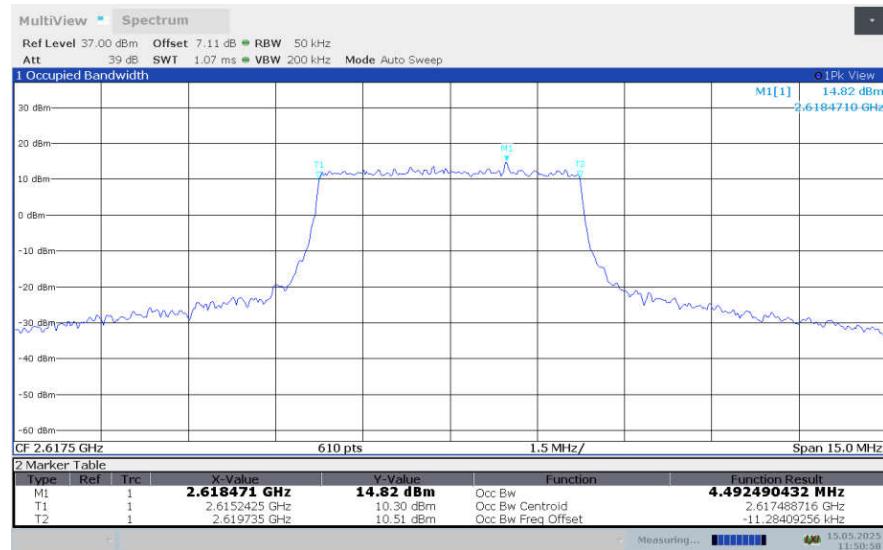
### LTE band 38 , 5MHz Bandwidth,MID,64QAM (99% BW)



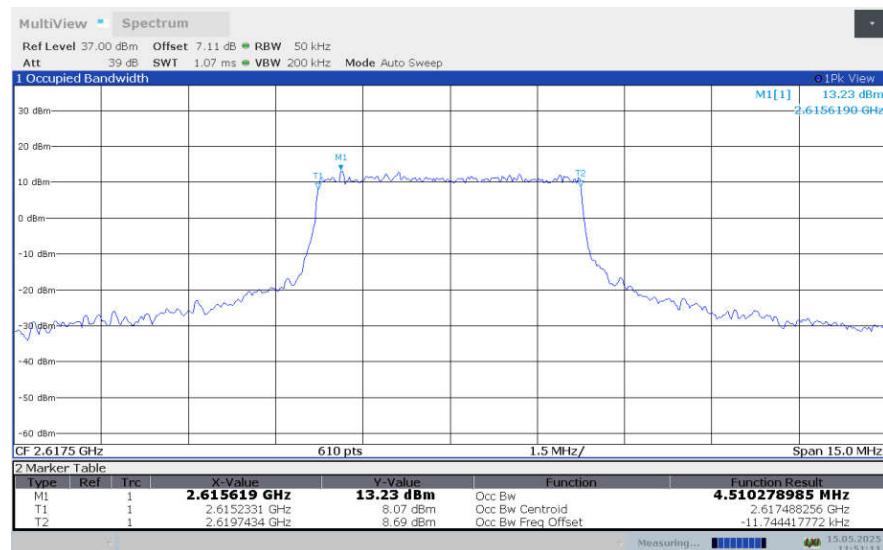
### LTE band 38 , 5MHz Bandwidth,MID,256QAM (99% BW)



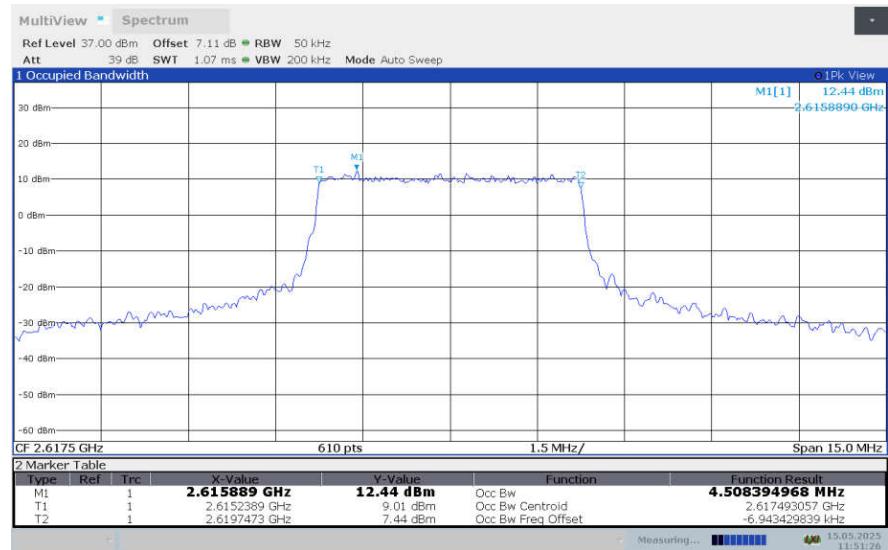
### LTE band 38 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



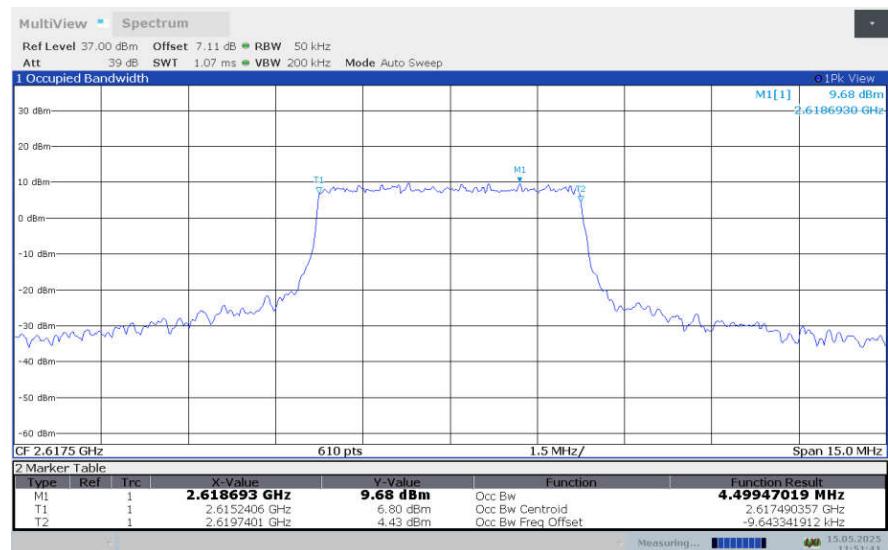
### LTE band 38 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



### LTE band 38 , 5MHz Bandwidth,HIGH,64QAM (99% BW)

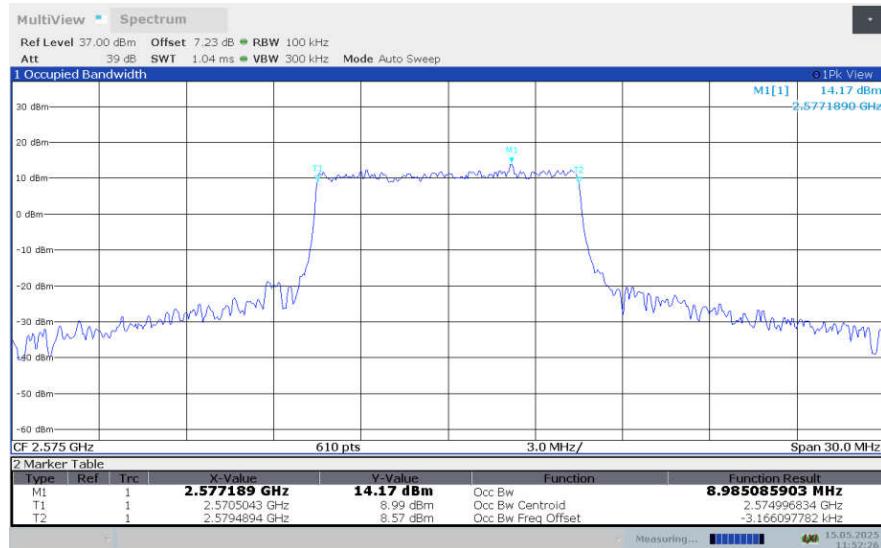
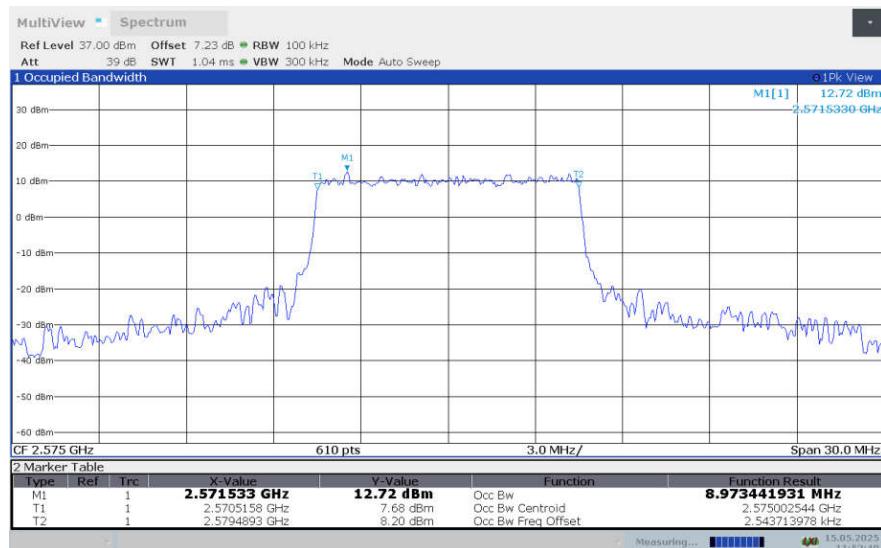


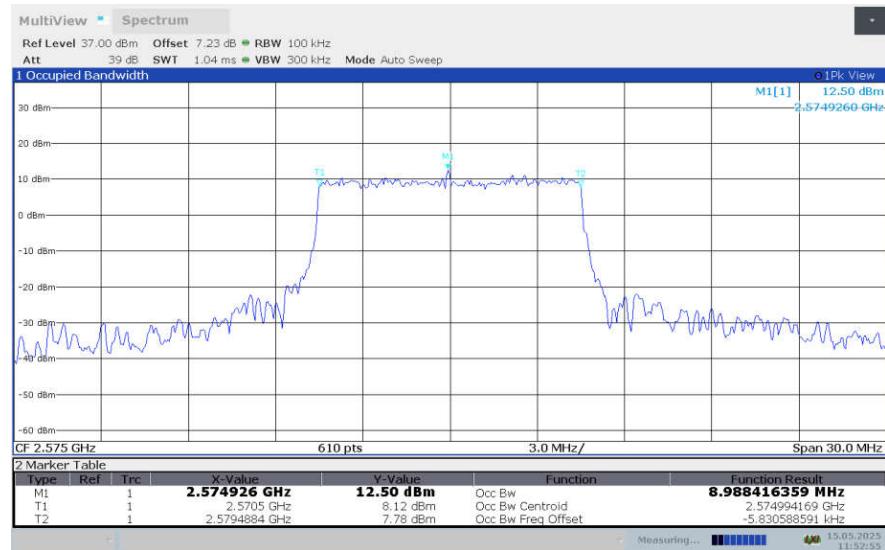
### LTE band 38 , 5MHz Bandwidth,HIGH,256QAM (99% BW)



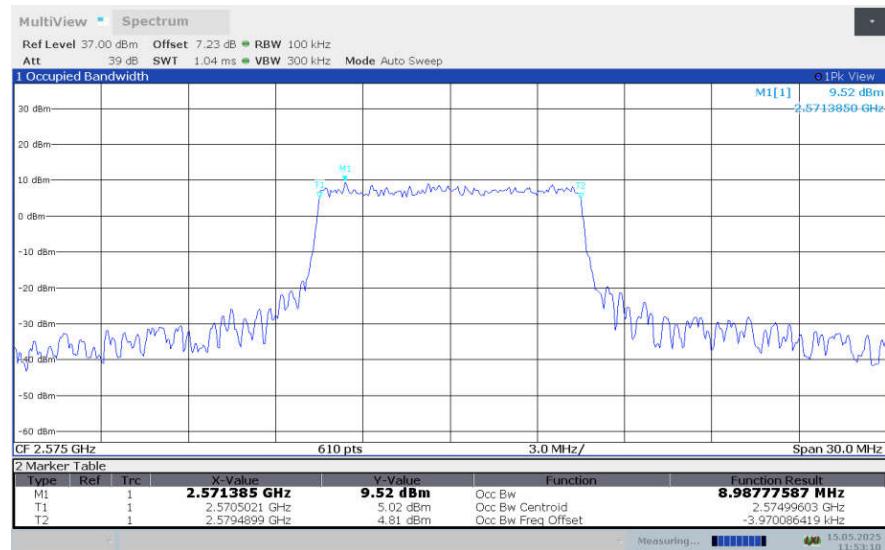
**LTE band 38,10MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2575	8.985	8.973	8.988	8.988
2595	8.993	8.998	8.956	8.977
2615	8.985	8.960	8.982	8.983

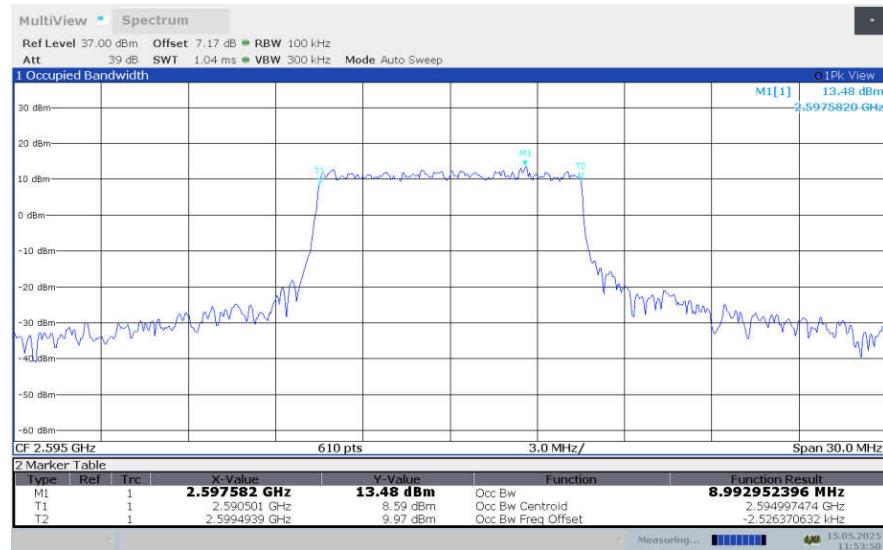
**LTE band 38 , 10MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE band 38 , 10MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE band 38 , 10MHz Bandwidth,LOW,64QAM (99% BW)**



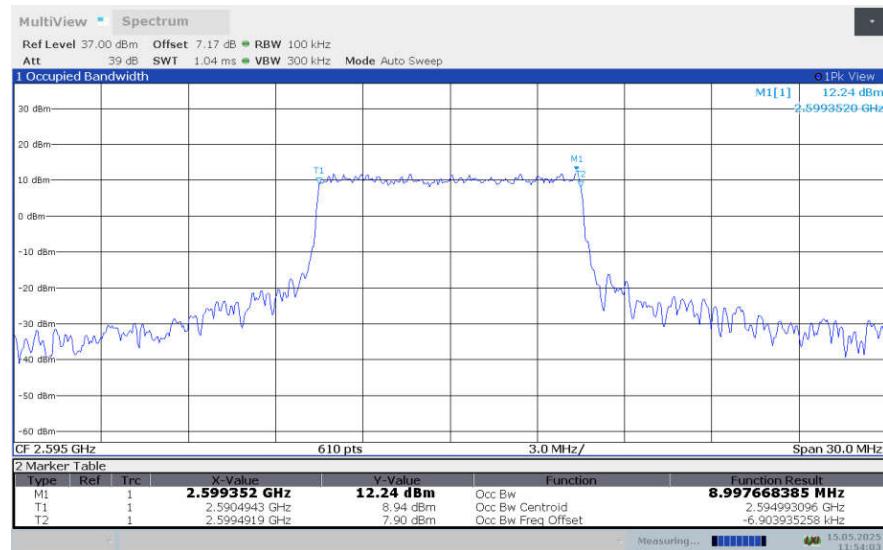
### LTE band 38 , 10MHz Bandwidth,LOW,256QAM (99% BW)



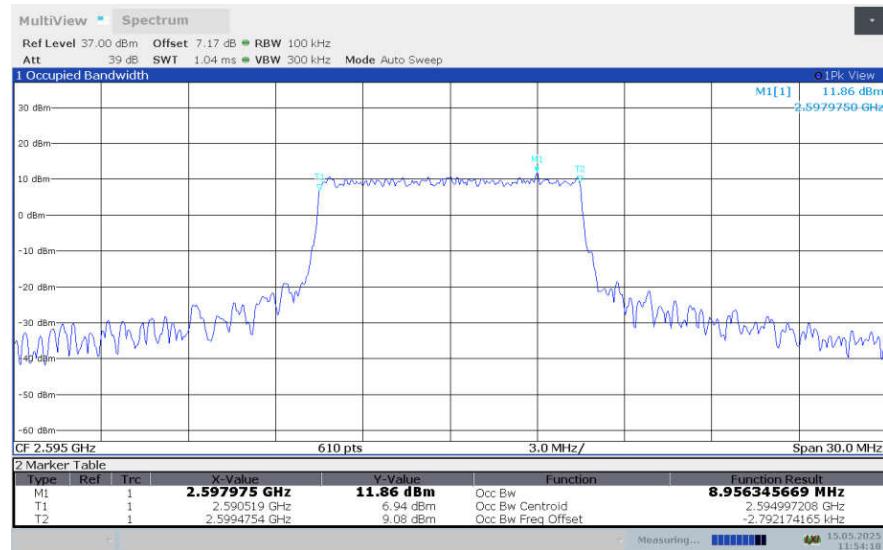
### LTE band 38 , 10MHz Bandwidth,MID,QPSK (99% BW)



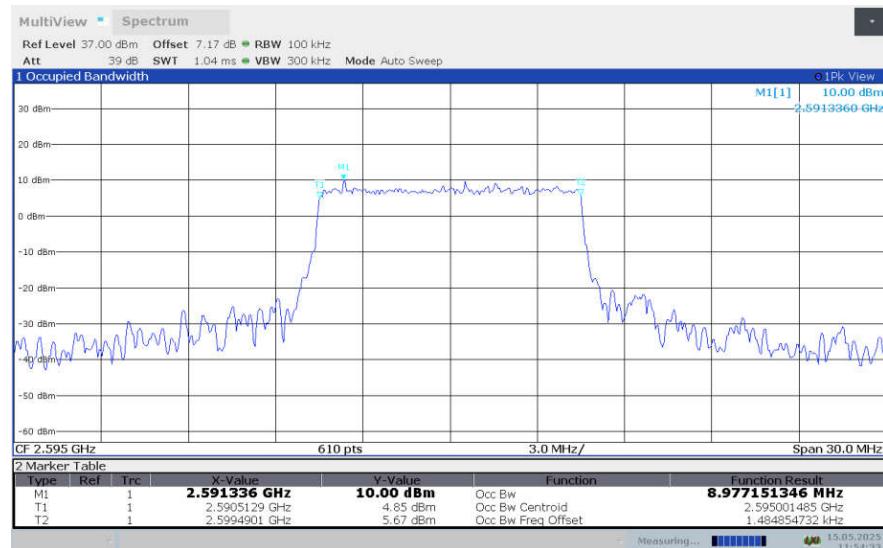
### LTE band 38 , 10MHz Bandwidth,MID,16QAM (99% BW)



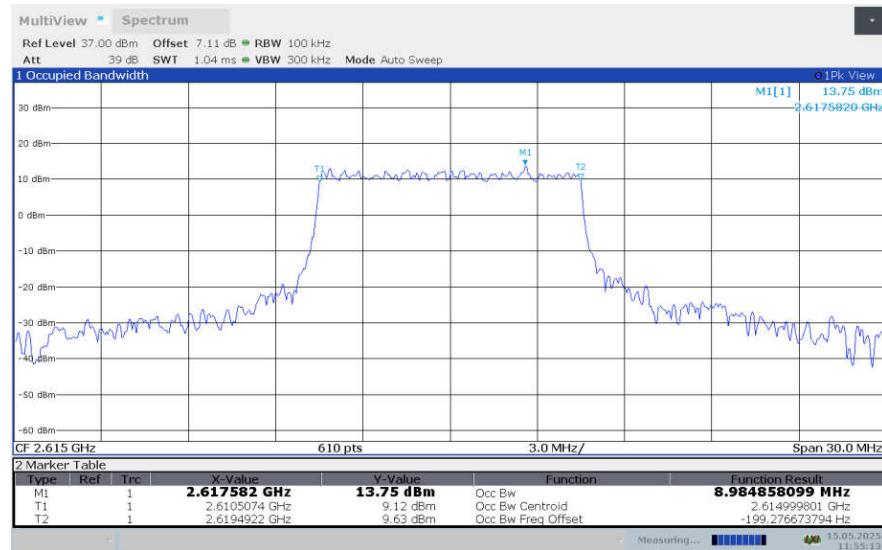
### LTE band 38 , 10MHz Bandwidth,MID,64QAM (99% BW)



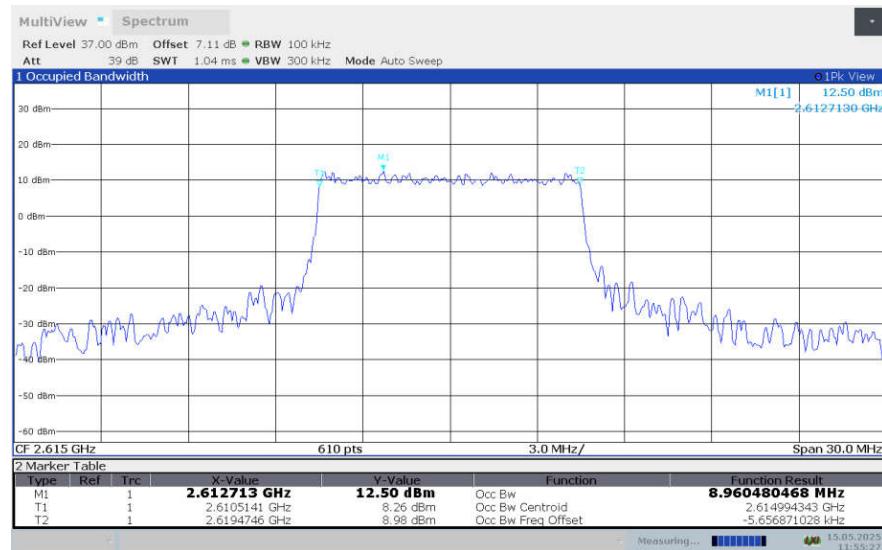
### LTE band 38 , 10MHz Bandwidth,MID,256QAM (99% BW)



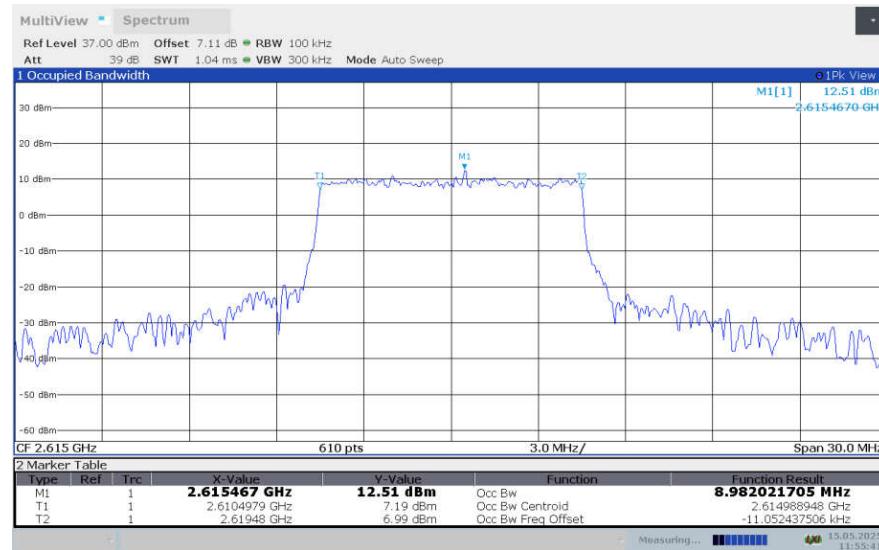
### LTE band 38 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



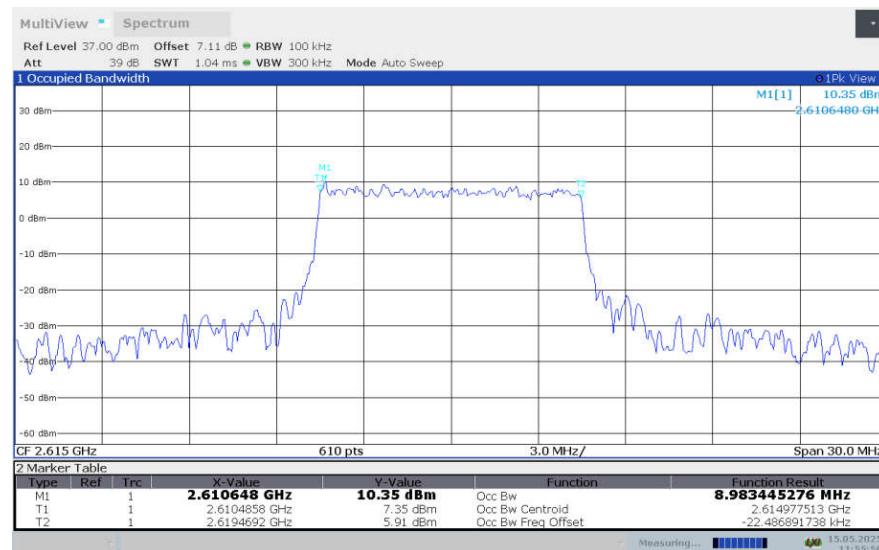
### LTE band 38 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



### LTE band 38 , 10MHz Bandwidth,HIGH,64QAM (99% BW)

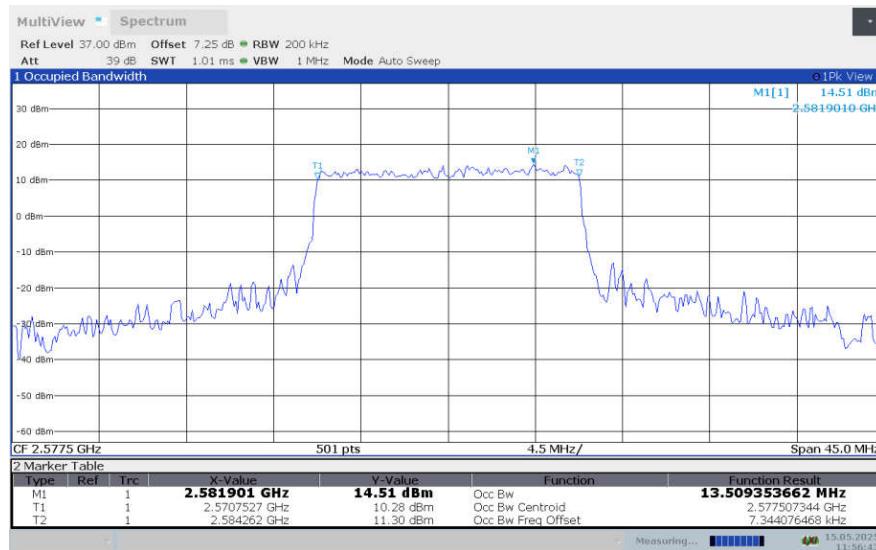
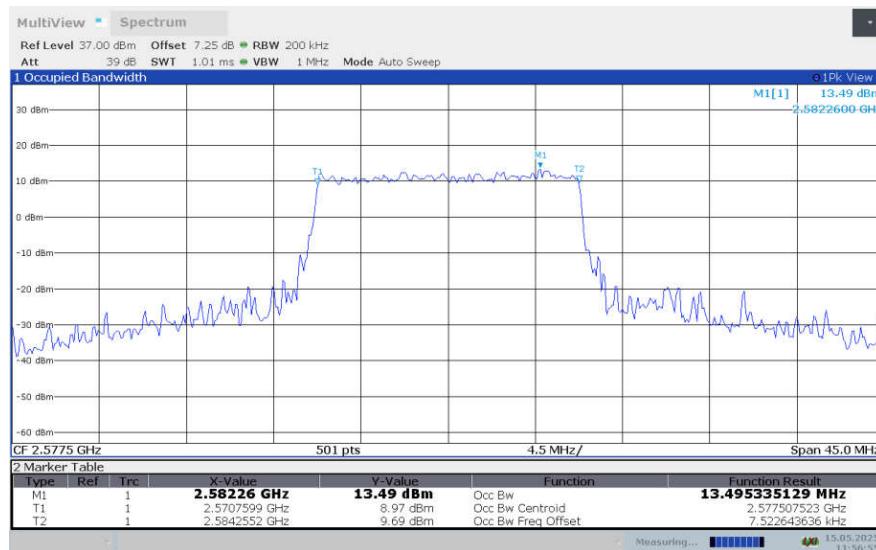


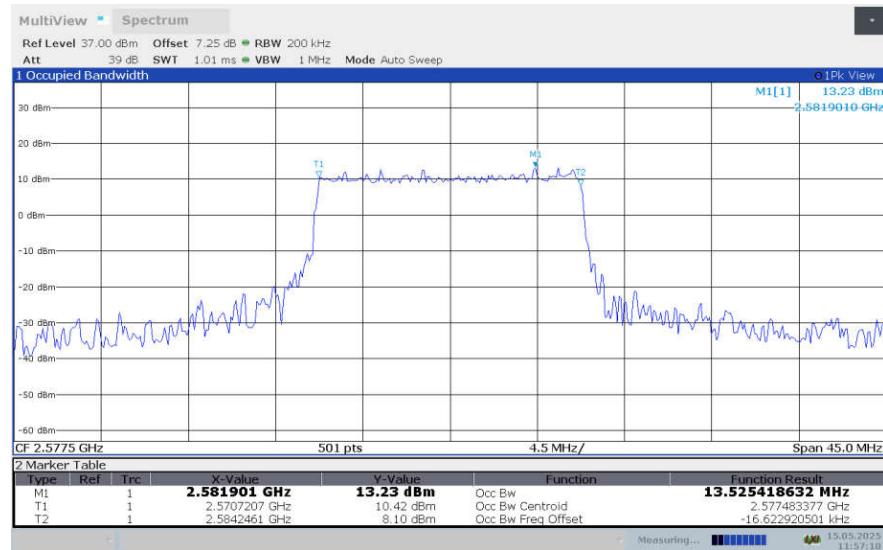
### LTE band 38 , 10MHz Bandwidth,HIGH,256QAM (99% BW)



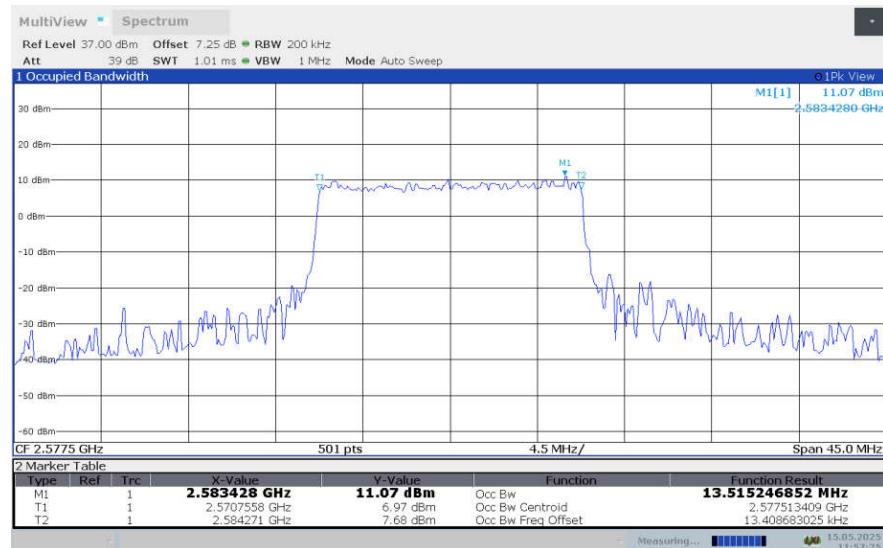
**LTE band 38,15MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2577.5	13.509	13.495	13.525	13.515
2595	13.497	13.505	13.511	13.482
2612.5	13.496	13.479	13.535	13.492

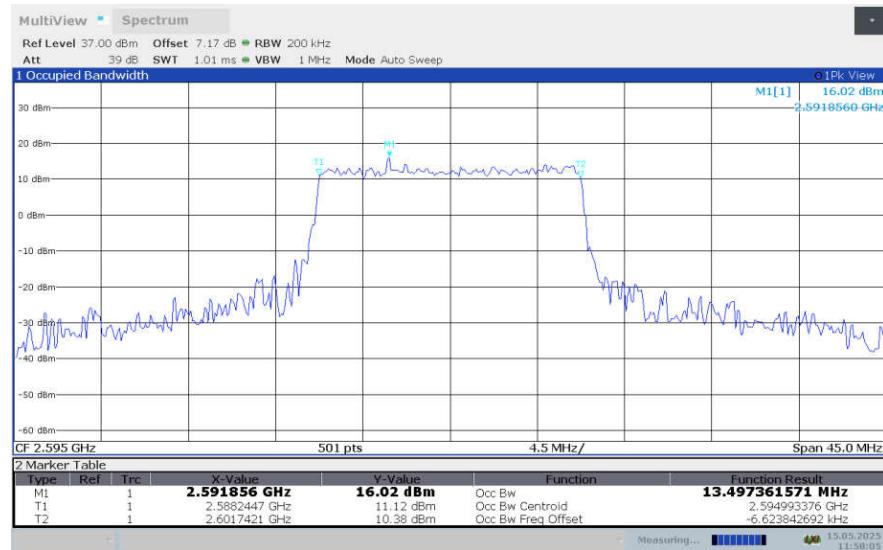
**LTE band 38 , 15MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE band 38 , 15MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE band 38 , 15MHz Bandwidth,LOW,64QAM (99% BW)**



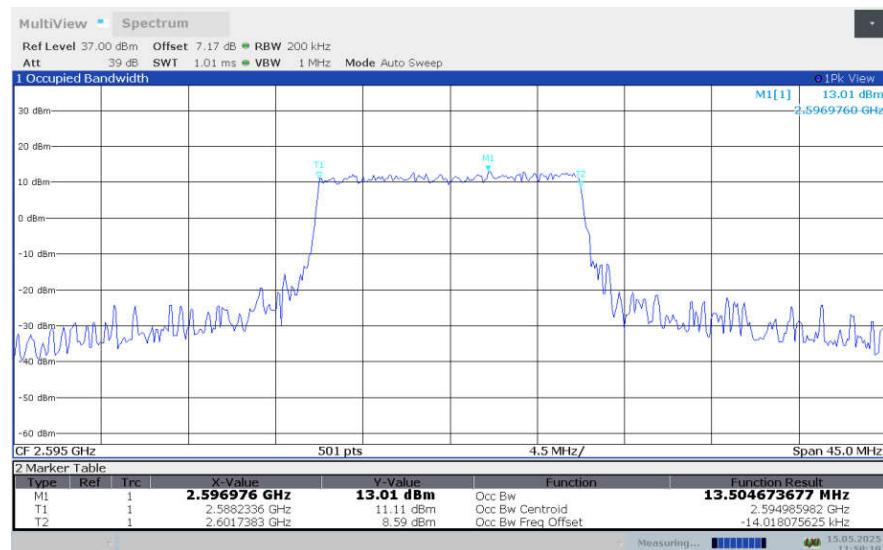
### LTE band 38 , 15MHz Bandwidth,LOW,256QAM (99% BW)



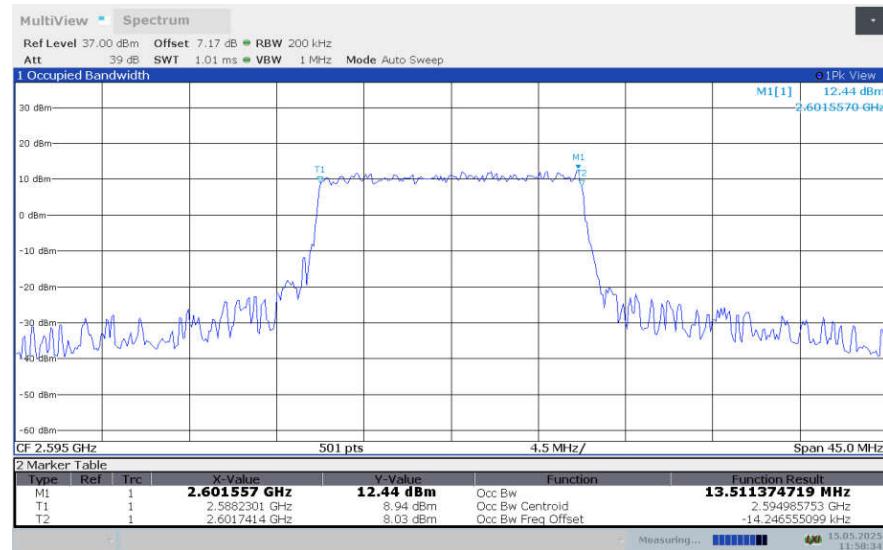
### LTE band 38 , 15MHz Bandwidth,MID,QPSK (99% BW)



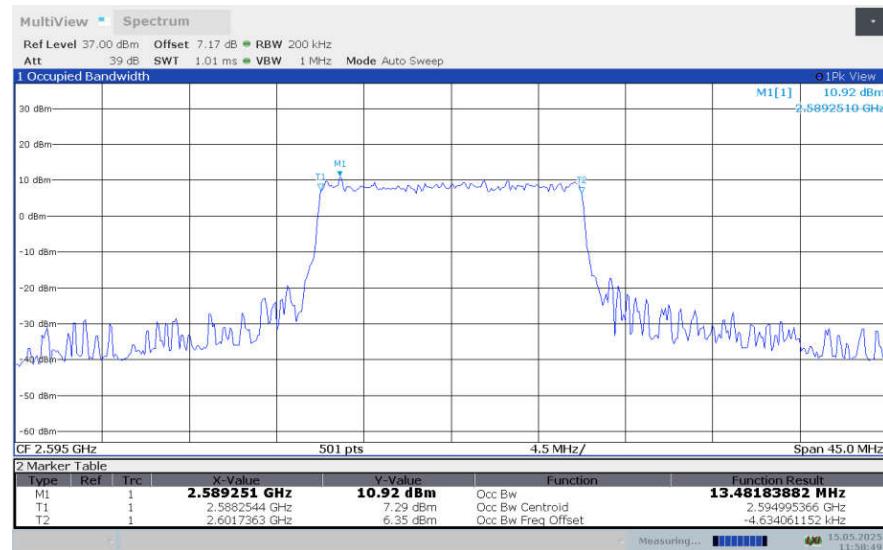
### LTE band 38 , 15MHz Bandwidth,MID,16QAM (99% BW)



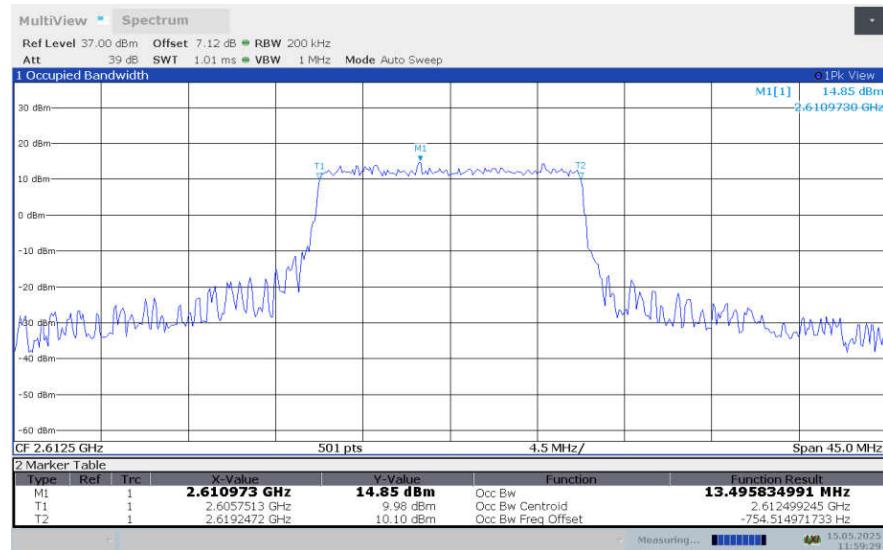
### LTE band 38 , 15MHz Bandwidth,MID,64QAM (99% BW)



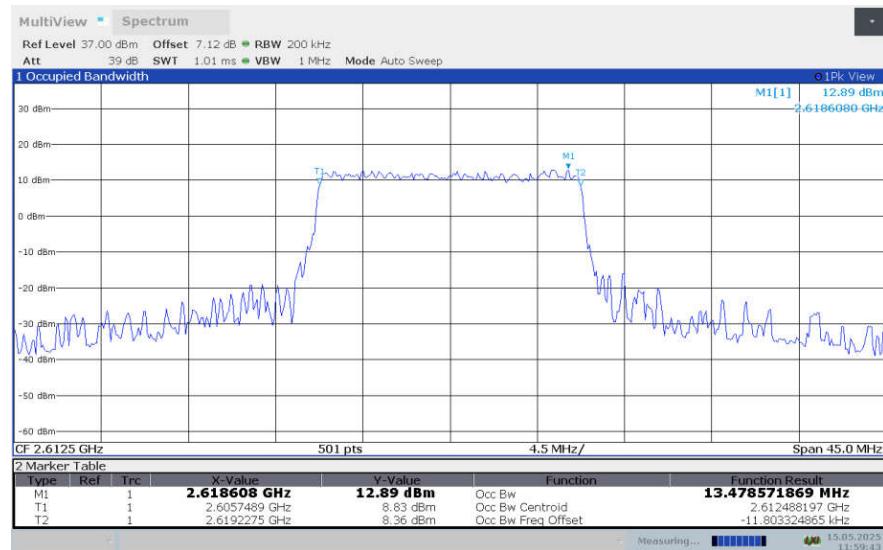
### LTE band 38 , 15MHz Bandwidth,MID,256QAM (99% BW)



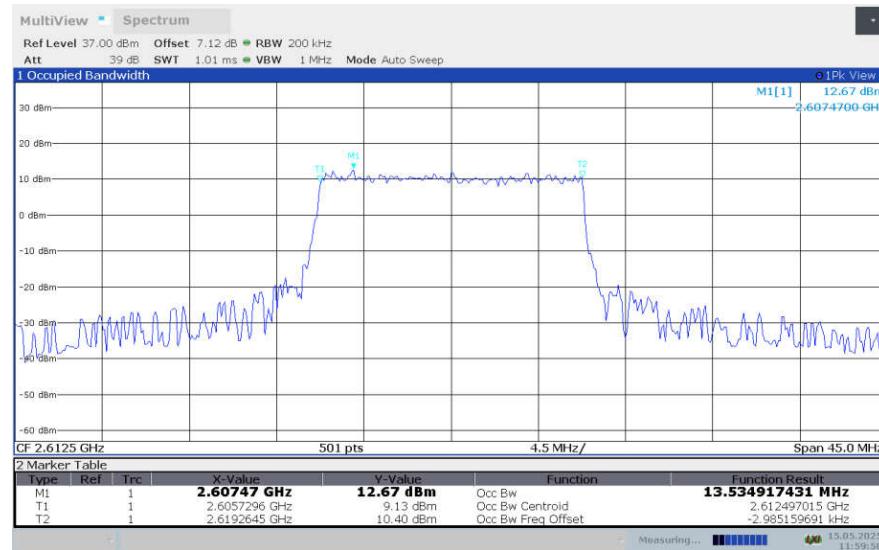
### LTE band 38 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



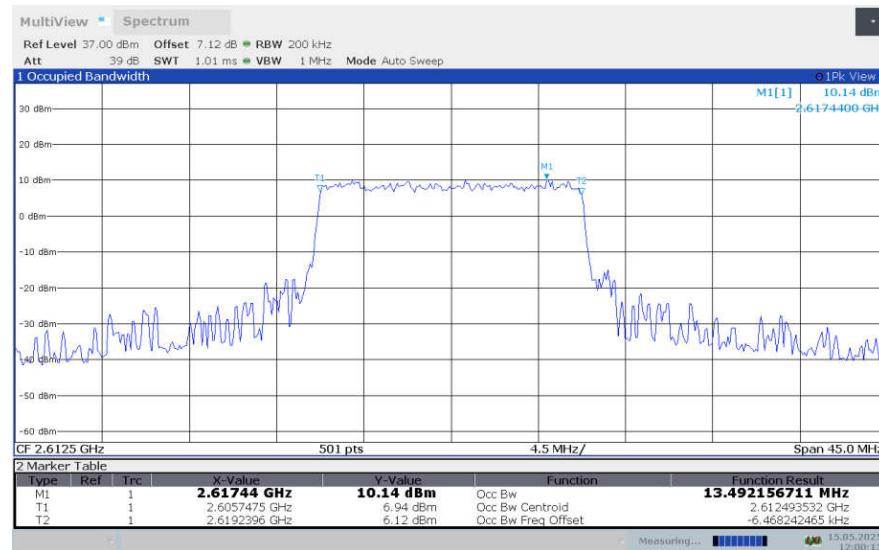
### LTE band 38 , 15MHz Bandwidth,HIGH,16QAM (99% BW)



### LTE band 38 , 15MHz Bandwidth,HIGH,64QAM (99% BW)

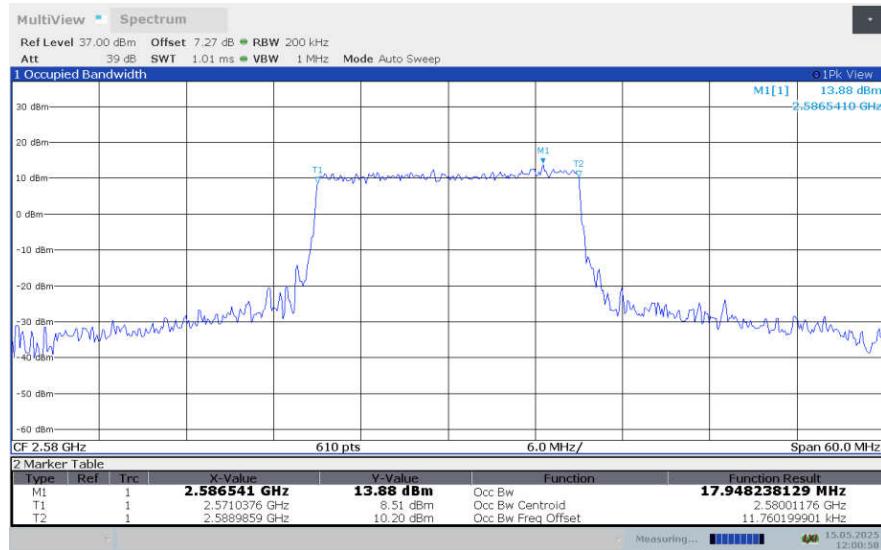
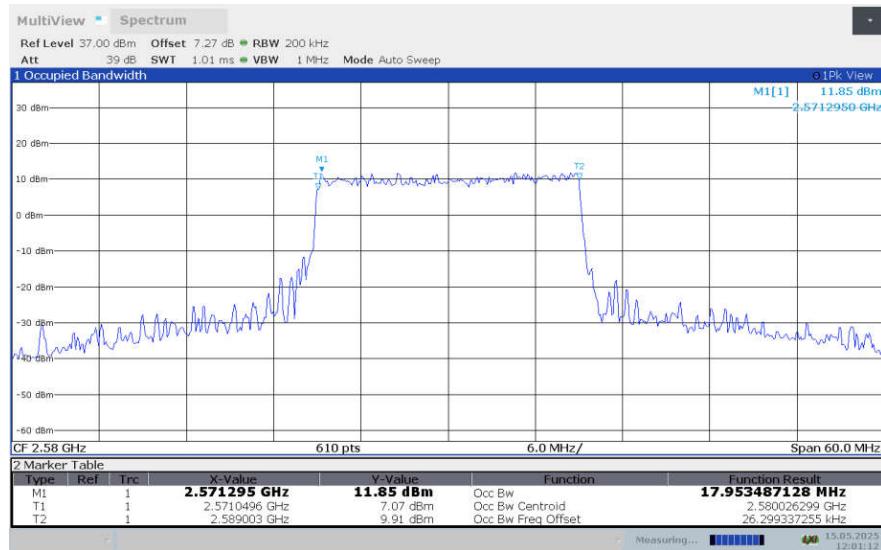


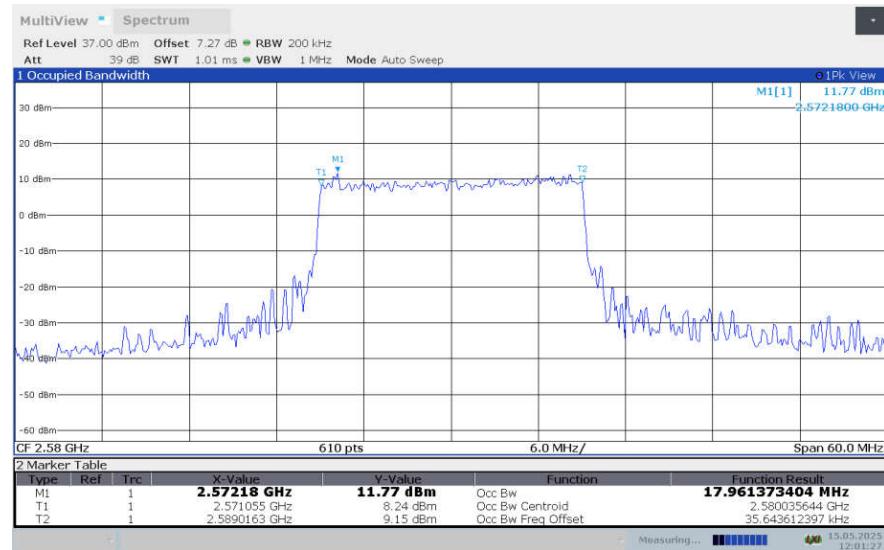
### LTE band 38 , 15MHz Bandwidth,HIGH,256QAM (99% BW)



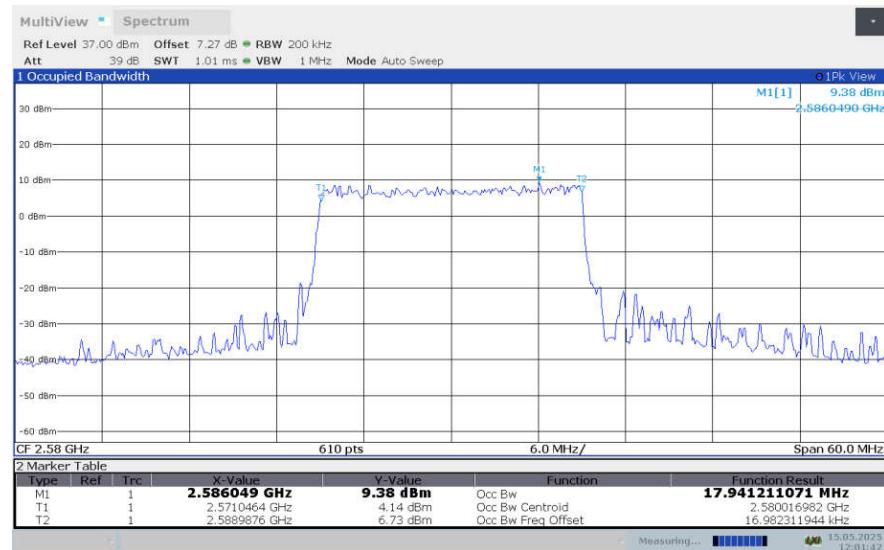
**LTE band 38,20MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2580	17.948	17.953	17.961	17.941
2595	17.970	17.966	17.926	17.956
2610	17.909	17.965	17.917	17.919

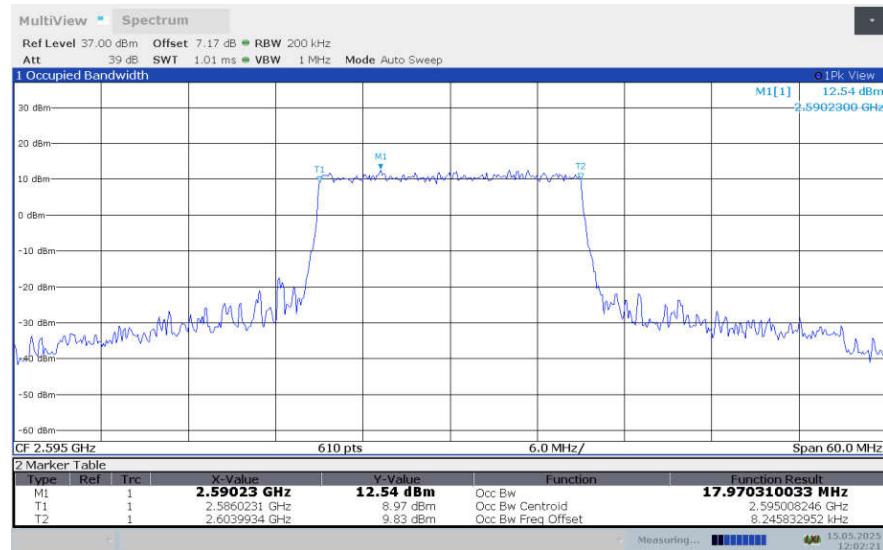
**LTE band 38 , 20MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE band 38 , 20MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE band 38 , 20MHz Bandwidth,LOW,64QAM (99% BW)**



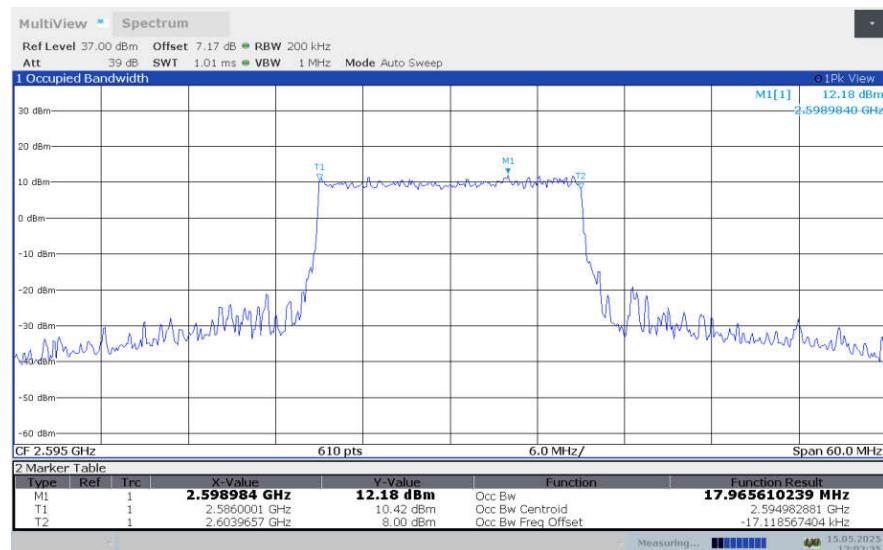
### LTE band 38 , 20MHz Bandwidth,LOW,256QAM (99% BW)



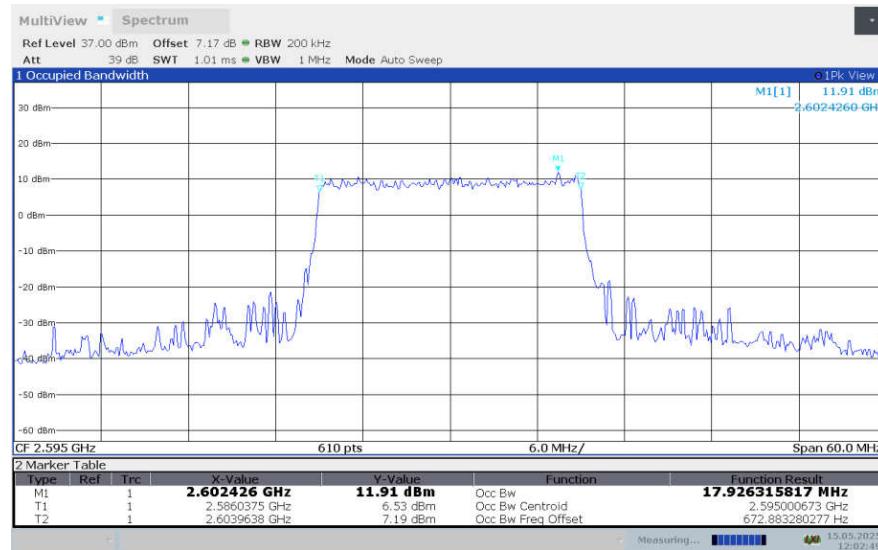
### LTE band 38 , 20MHz Bandwidth,MID,QPSK (99% BW)



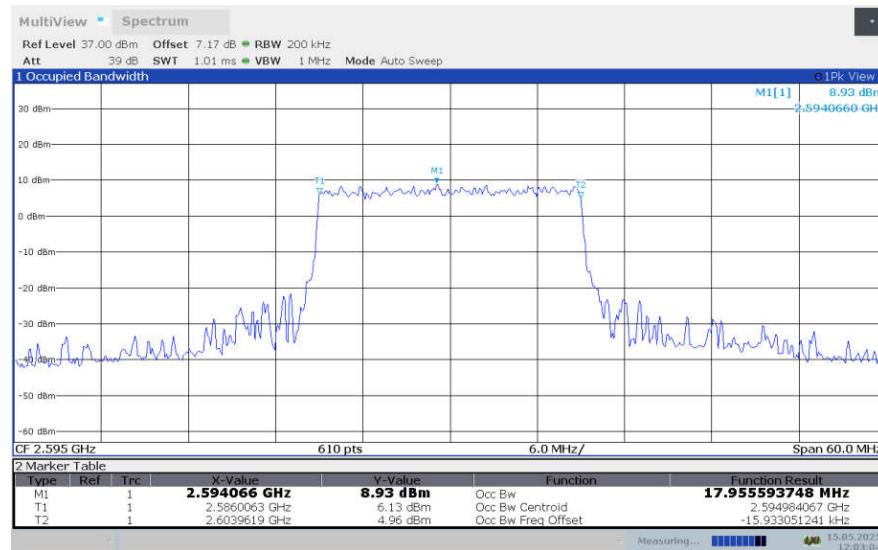
### LTE band 38 , 20MHz Bandwidth,MID,16QAM (99% BW)



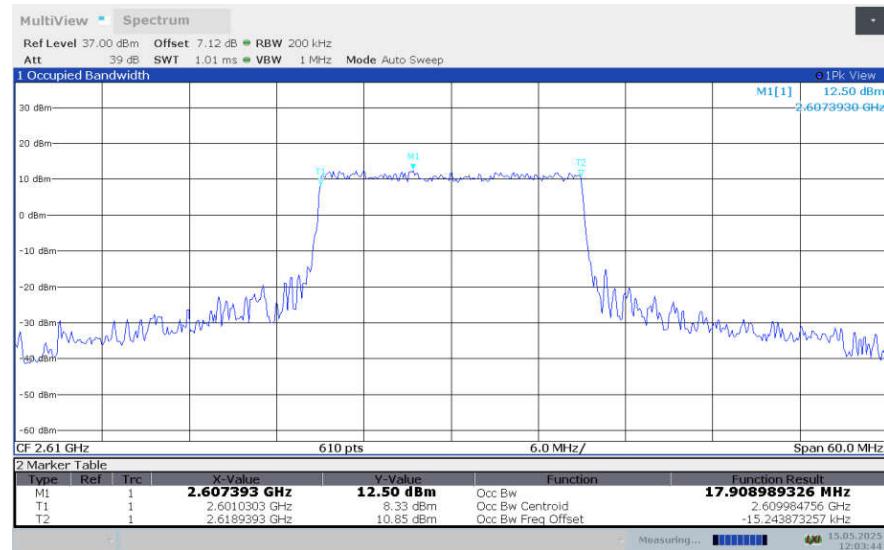
### LTE band 38 , 20MHz Bandwidth,MID,64QAM (99% BW)



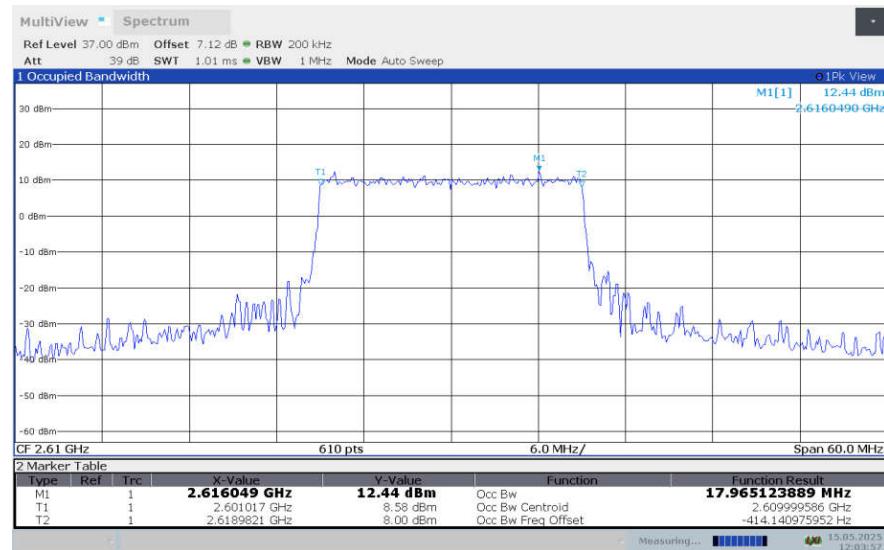
### LTE band 38 , 20MHz Bandwidth,MID,256QAM (99% BW)



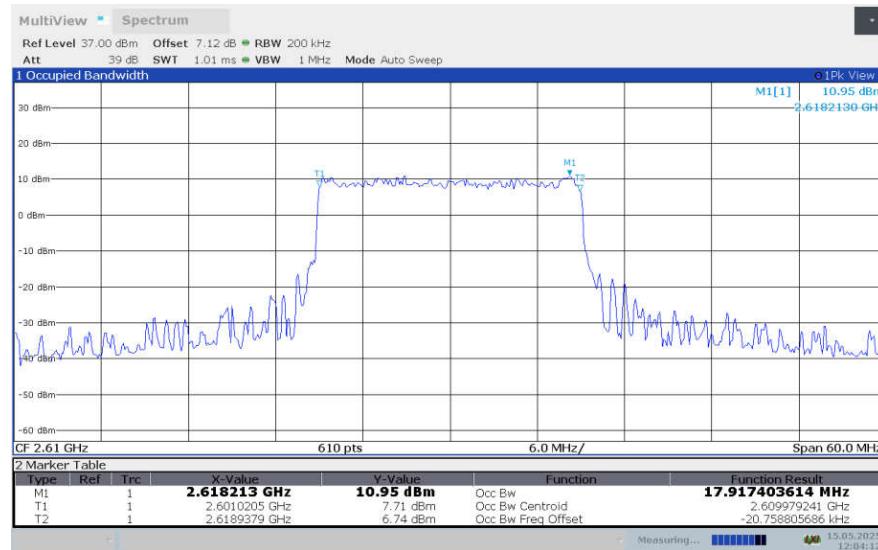
### LTE band 38 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



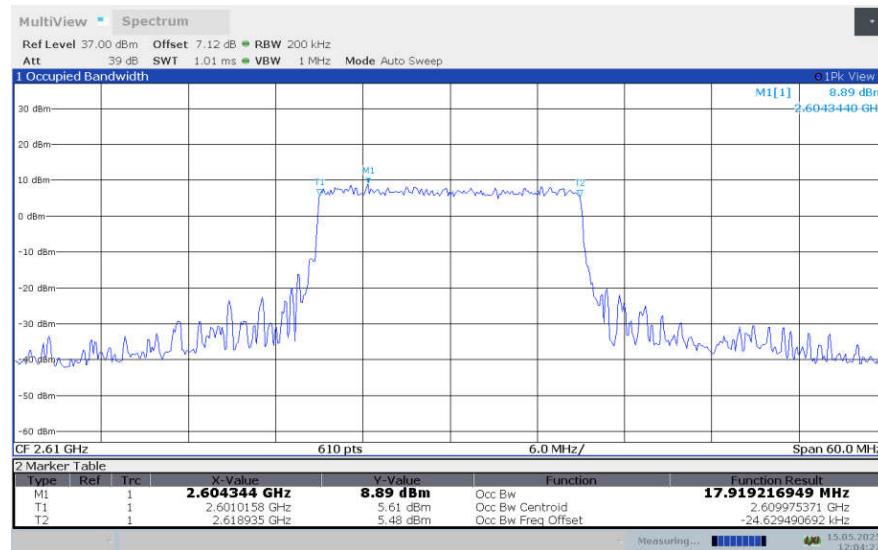
### LTE band 38 , 20MHz Bandwidth,HIGH,16QAM (99% BW)



### LTE band 38 , 20MHz Bandwidth,HIGH,64QAM (99% BW)

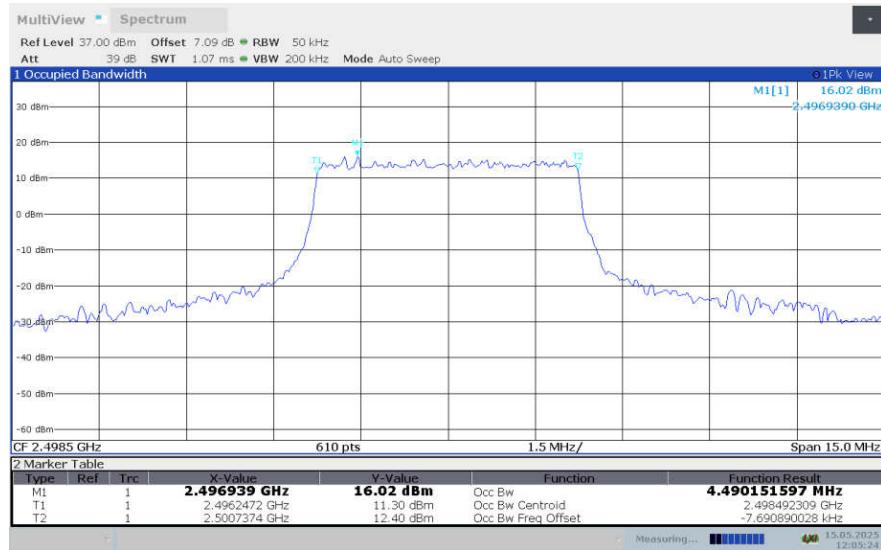
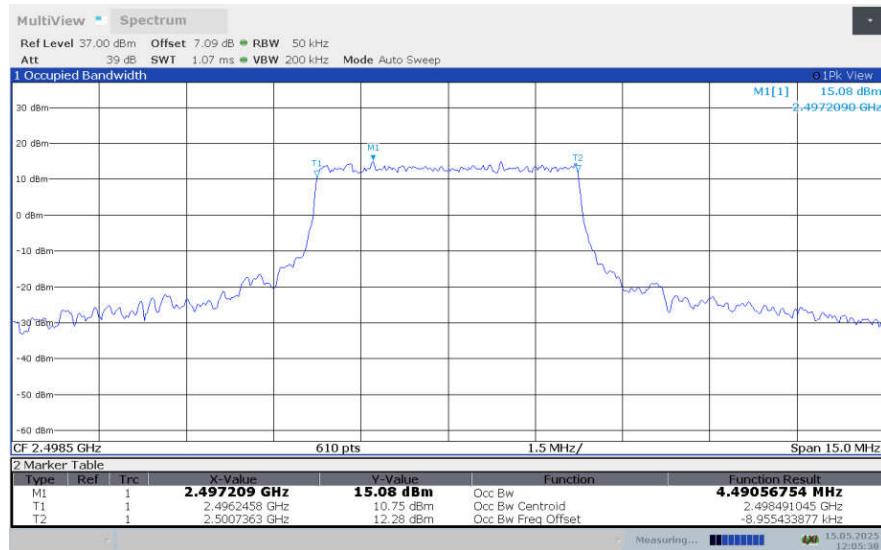


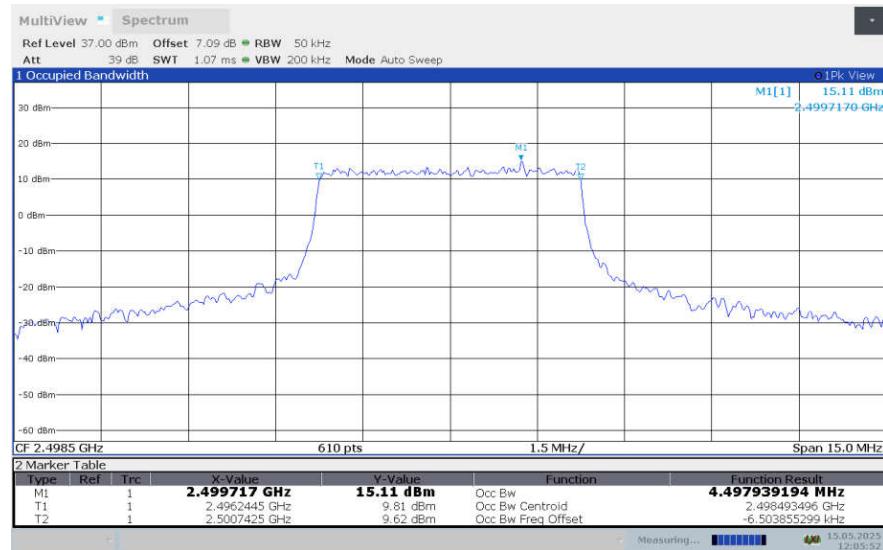
### LTE band 38 , 20MHz Bandwidth,HIGH,256QAM (99% BW)



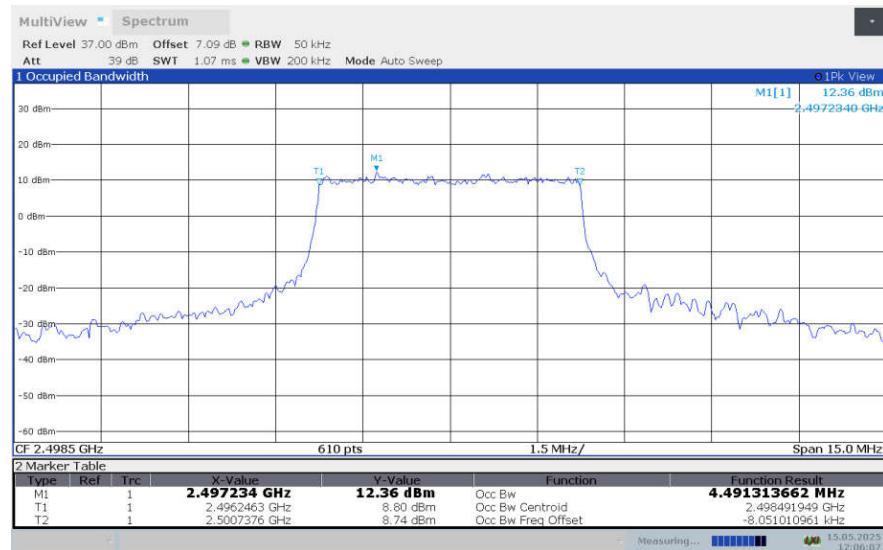
**LTE band 41,5MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2498.5	4.490	4.491	4.498	4.491
2593	4.493	4.491	4.487	4.492
2687.5	4.494	4.483	4.505	4.501

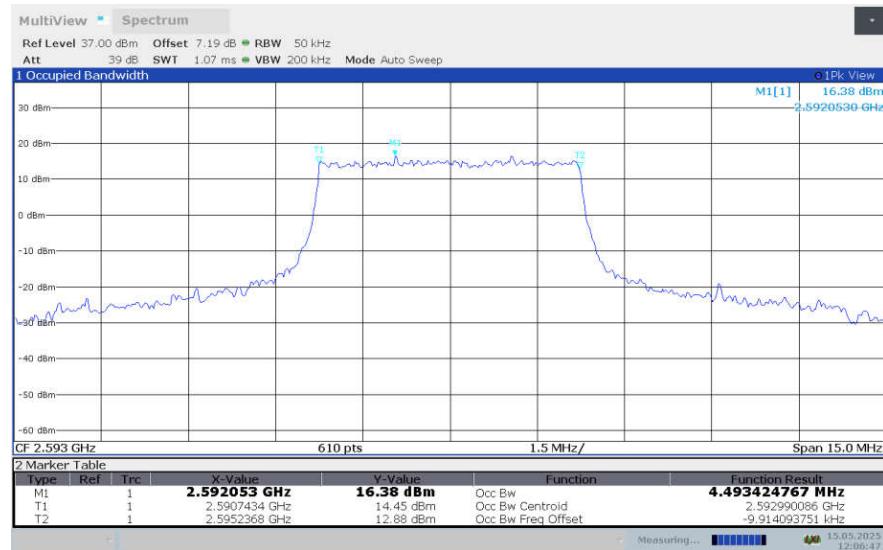
**LTE band 41 , 5MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE band 41 , 5MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE band 41 , 5MHz Bandwidth,LOW,64QAM (99% BW)**



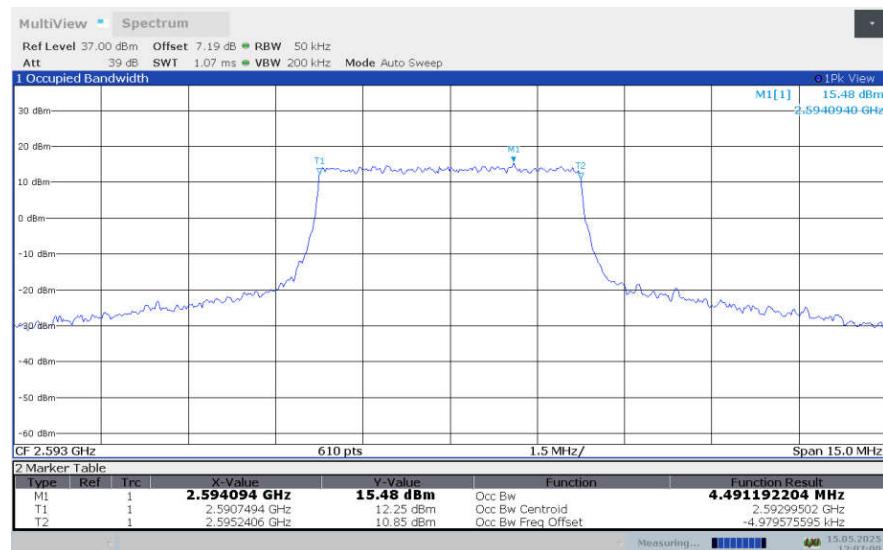
### LTE band 41 , 5MHz Bandwidth,LOW,256QAM (99% BW)



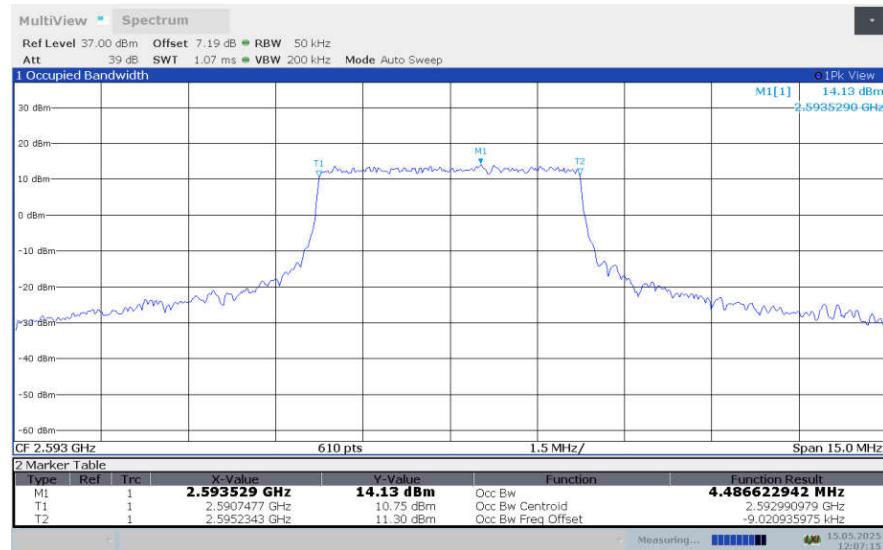
### LTE band 41 , 5MHz Bandwidth,MID,QPSK (99% BW)



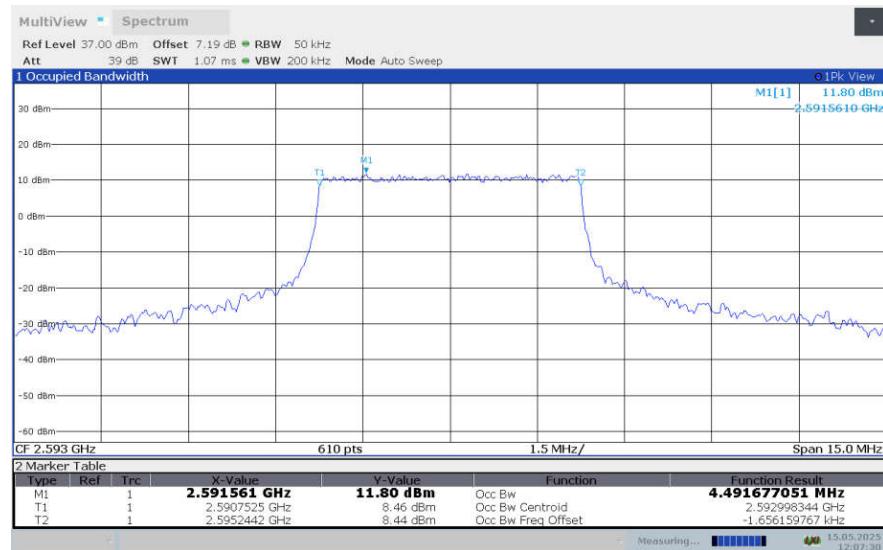
### LTE band 41 , 5MHz Bandwidth,MID,16QAM (99% BW)



### LTE band 41 , 5MHz Bandwidth,MID,64QAM (99% BW)



### LTE band 41 , 5MHz Bandwidth,MID,256QAM (99% BW)



### LTE band 41 , 5MHz Bandwidth,HIGH,QPSK (99% BW)