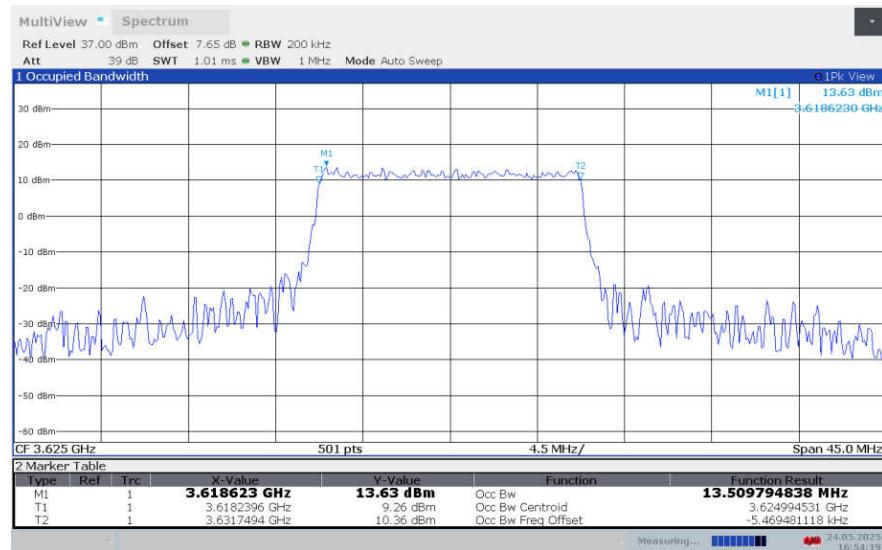
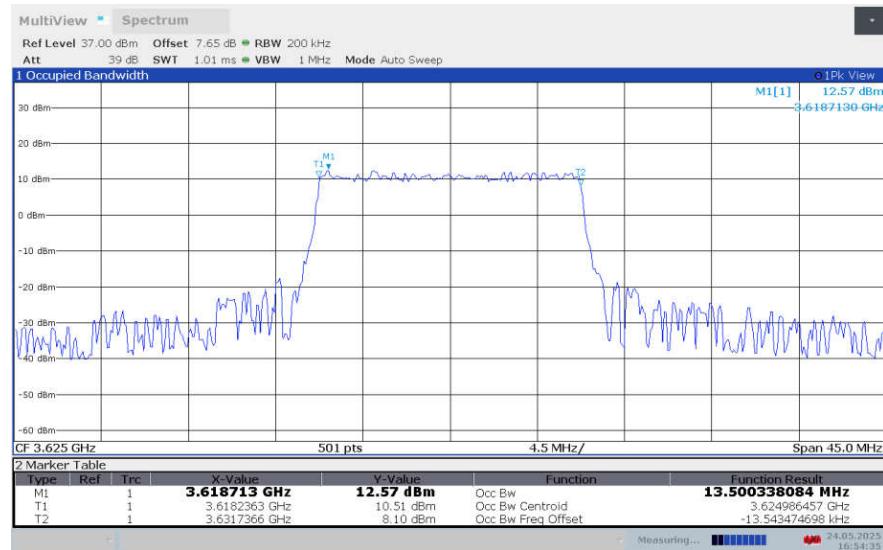


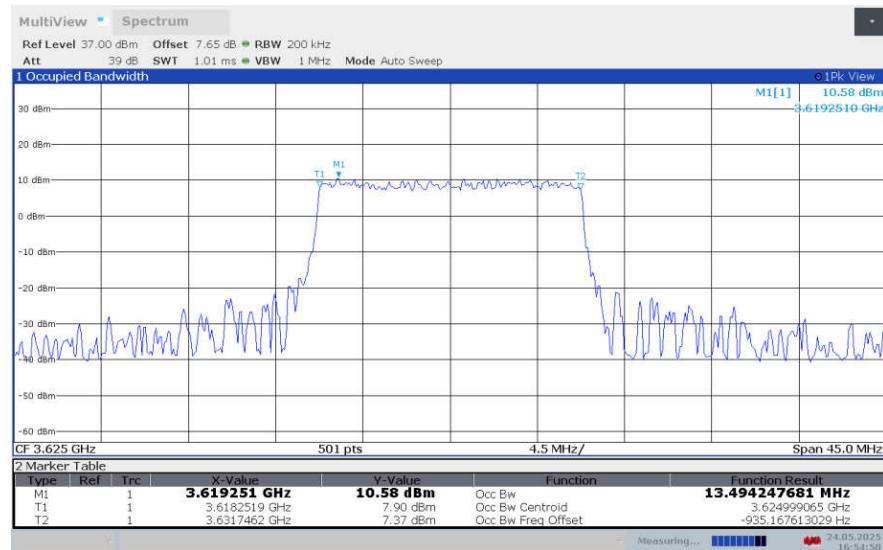
LTE band 48 , 15MHz Bandwidth,MID,16QAM (99% BW)



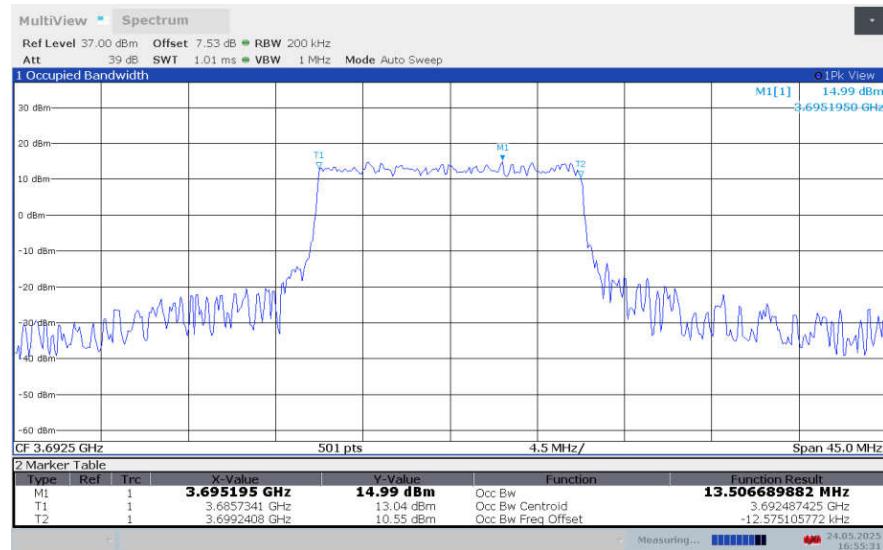
LTE band 48 , 15MHz Bandwidth,MID,64QAM (99% BW)



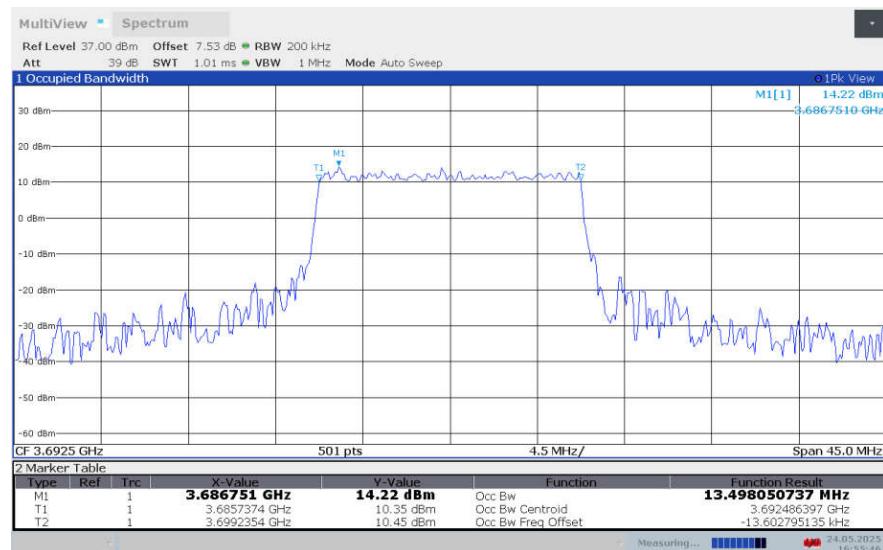
LTE band 48 , 15MHz Bandwidth,MID,256QAM (99% BW)



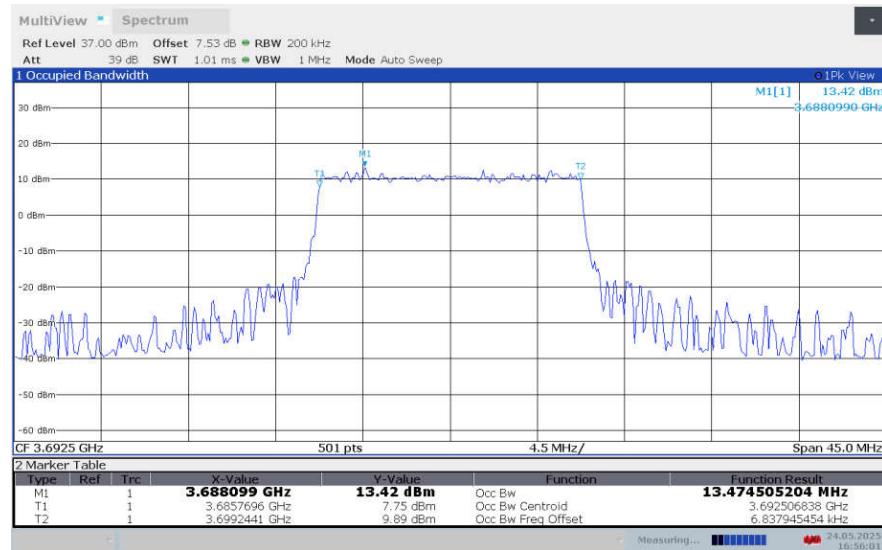
LTE band 48 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



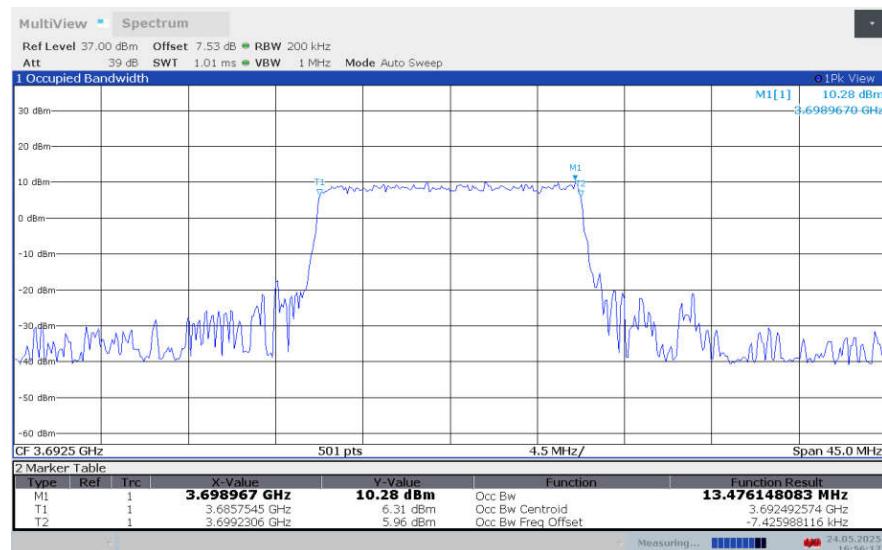
LTE band 48 , 15MHz Bandwidth,HIGH,16QAM (99% BW)



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



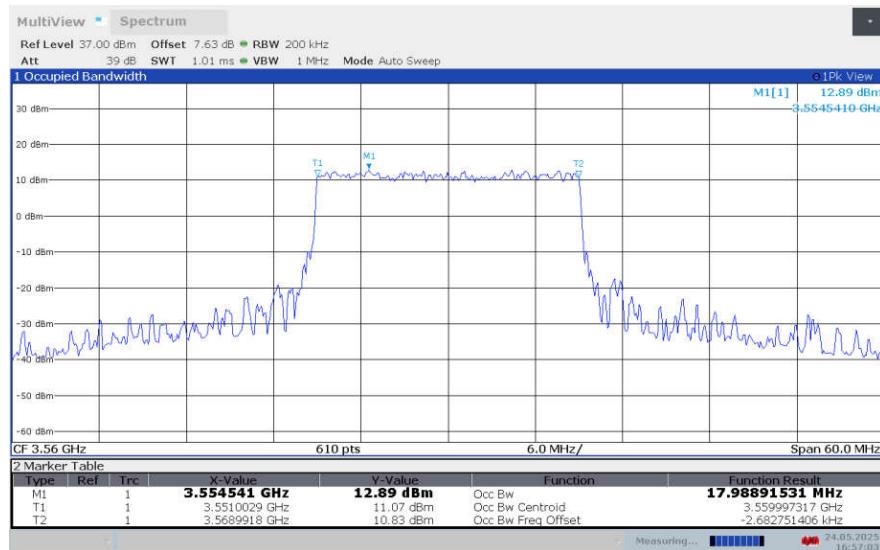
LTE band 48 , 15MHz Bandwidth,HIGH,256QAM (99% BW)



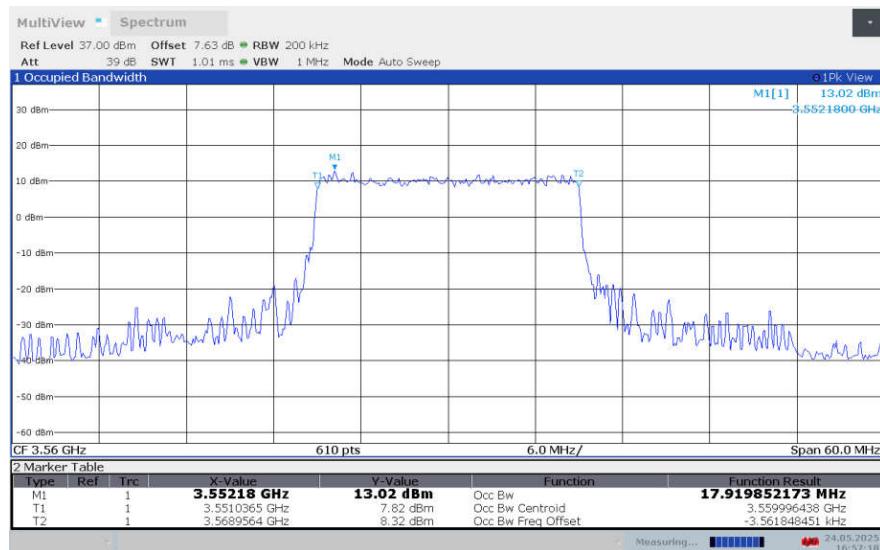
LTE band 48,20MHz(99%)

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

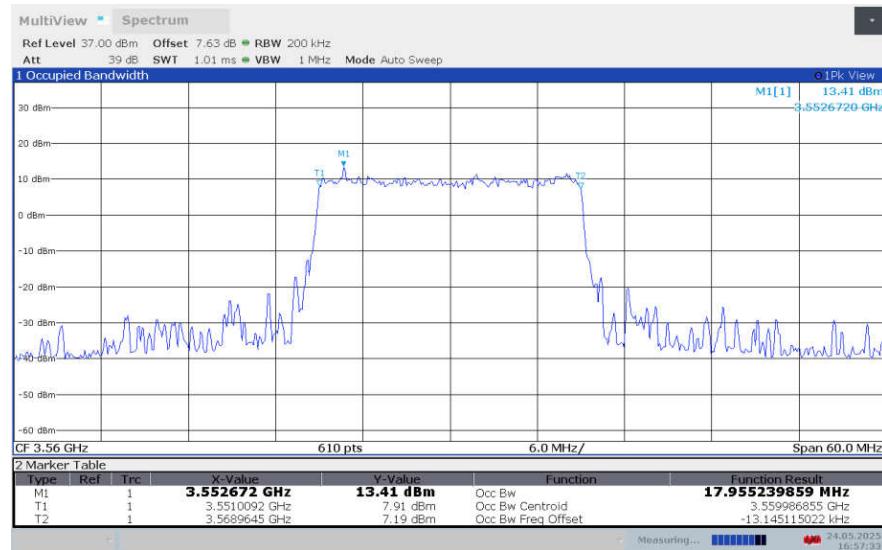
LTE band 48 , 20MHz Bandwidth,LOW,QPSK (99% BW)



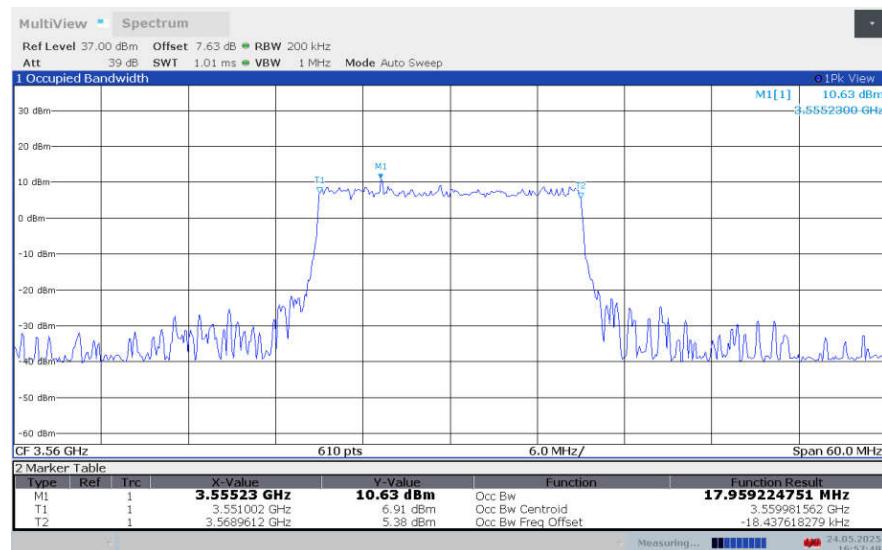
LTE band 48 , 20MHz Bandwidth,LOW,16QAM (99% BW)



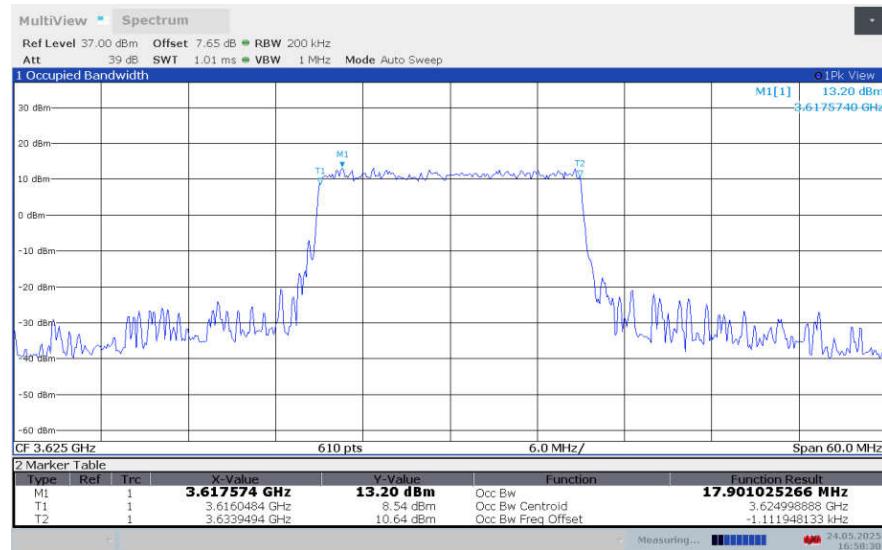
LTE band 48 , 20MHz Bandwidth,LOW,64QAM (99% BW)



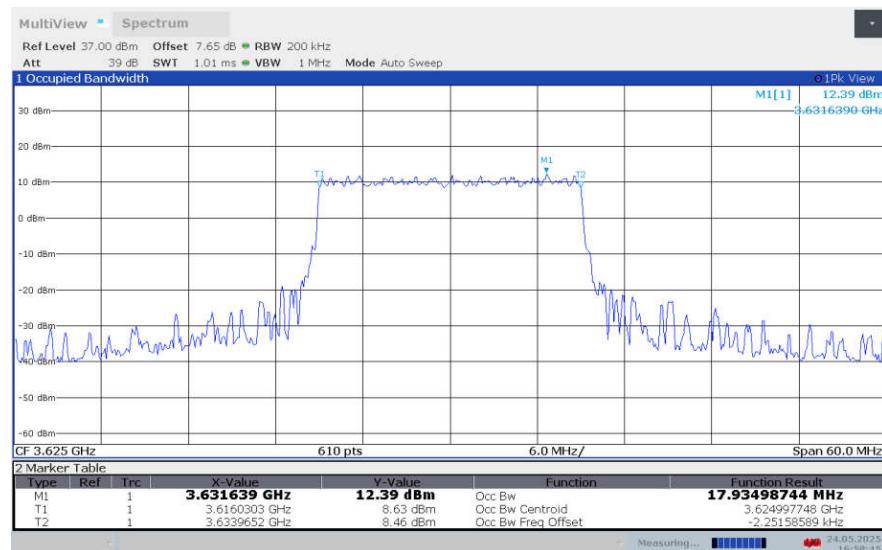
LTE band 48 , 20MHz Bandwidth,LOW,256QAM (99% BW)



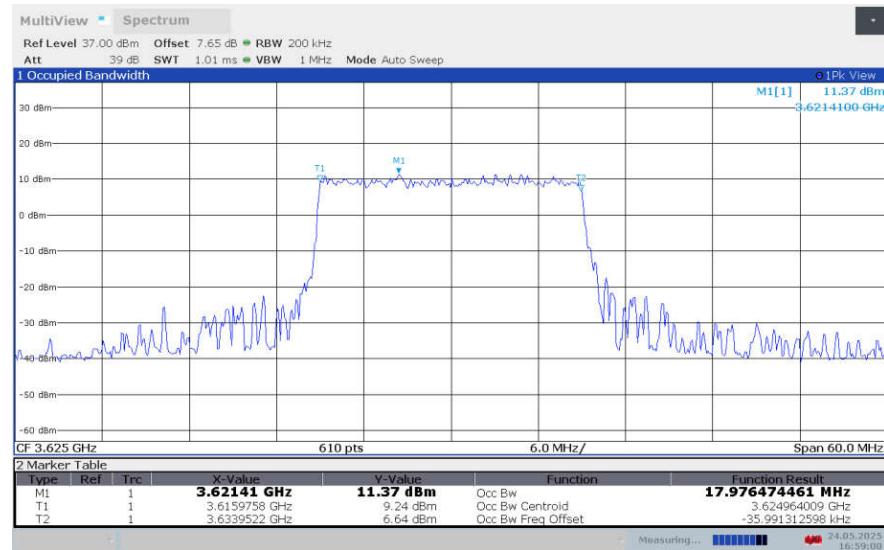
LTE band 48 , 20MHz Bandwidth,MID,QPSK (99% BW)



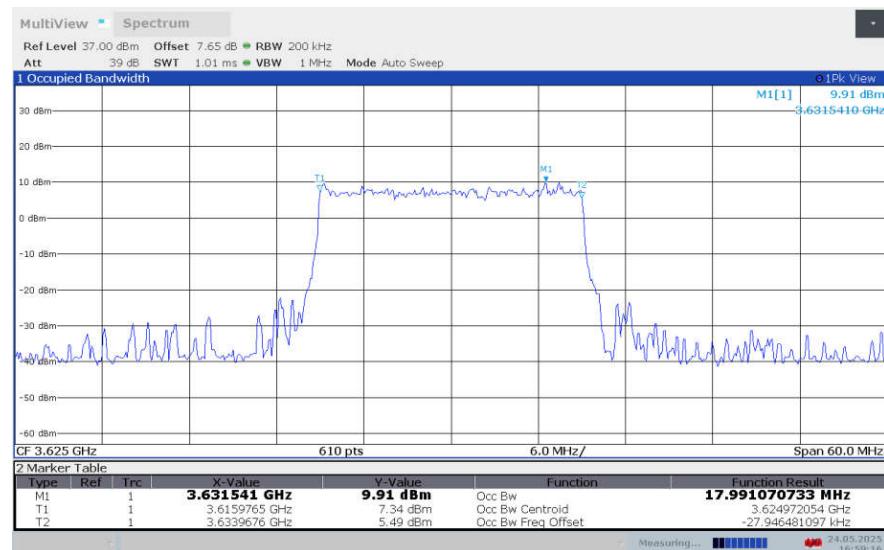
LTE band 48 , 20MHz Bandwidth,MID,16QAM (99% BW)



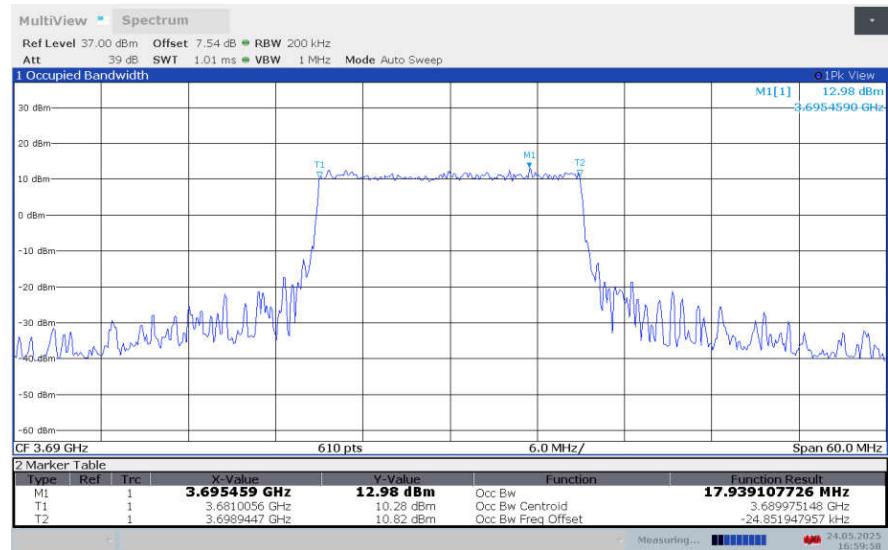
LTE band 48 , 20MHz Bandwidth,MID,64QAM (99% BW)



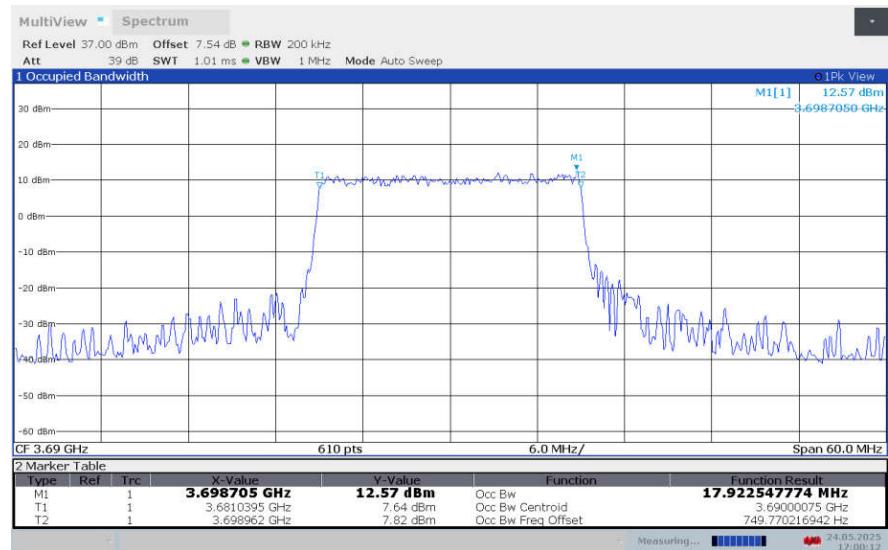
LTE band 48 , 20MHz Bandwidth,MID,256QAM (99% BW)



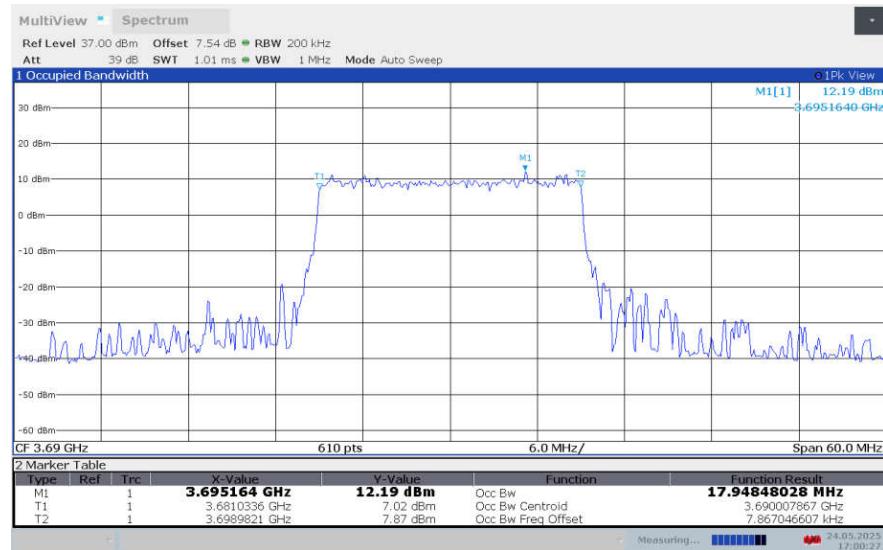
LTE band 48 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



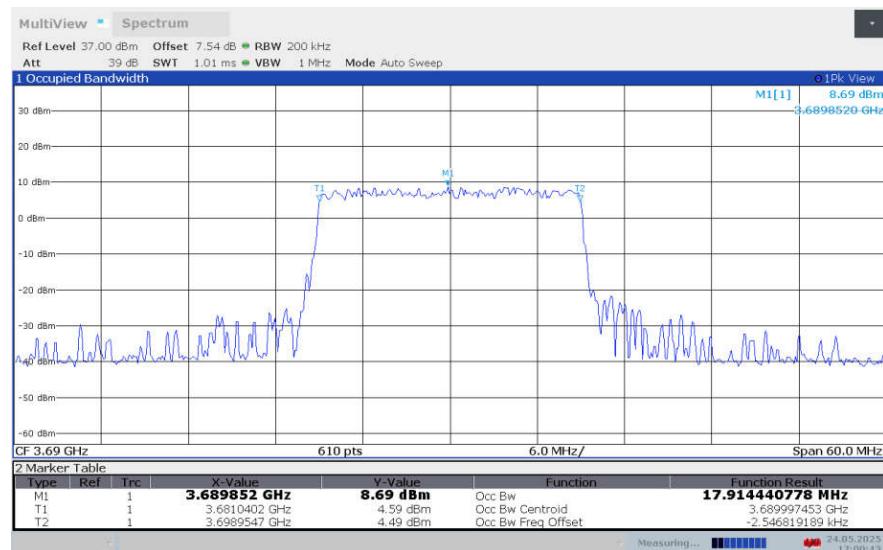
LTE band 48 , 20MHz Bandwidth,HIGH,16QAM (99% BW)



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

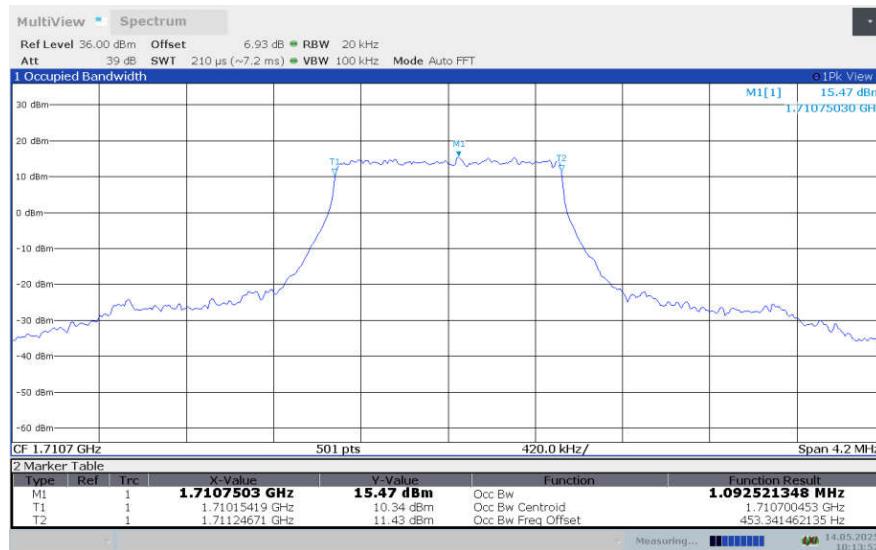


LTE band 48 , 20MHz Bandwidth,HIGH,256QAM (99% BW)



LTE band 66, 1.4MHz(99%)

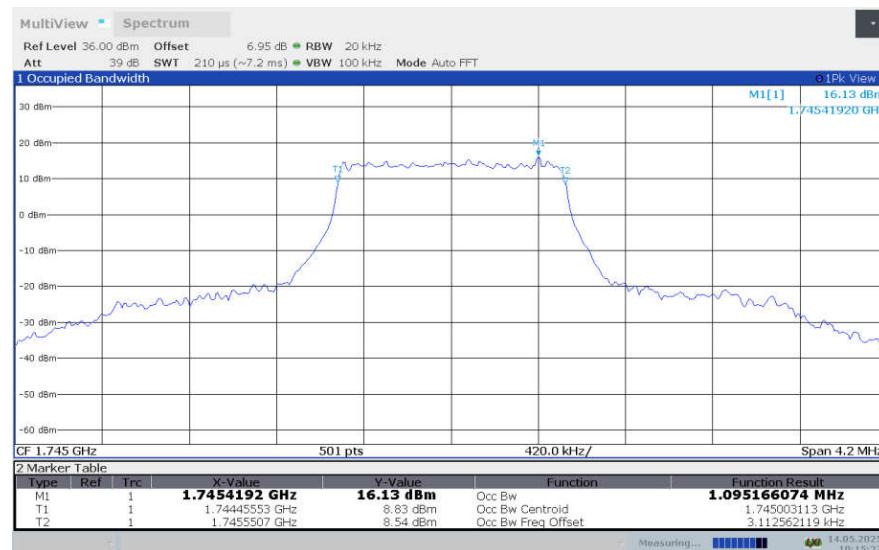
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
1710.7	1.093	1.095	1.093	1.091
1745	1.095	1.096	1.094	1.101
1779.3	1.092	1.101	1.095	1.089

LTE band 66 , 1.4MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 66 , 1.4MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 66 , 1.4MHz Bandwidth,LOW,64QAM (99% BW)



LTE band 66 , 1.4MHz Bandwidth,MID,QPSK (99% BW)



LTE band 66 , 1.4MHz Bandwidth,MID,16QAM (99% BW)



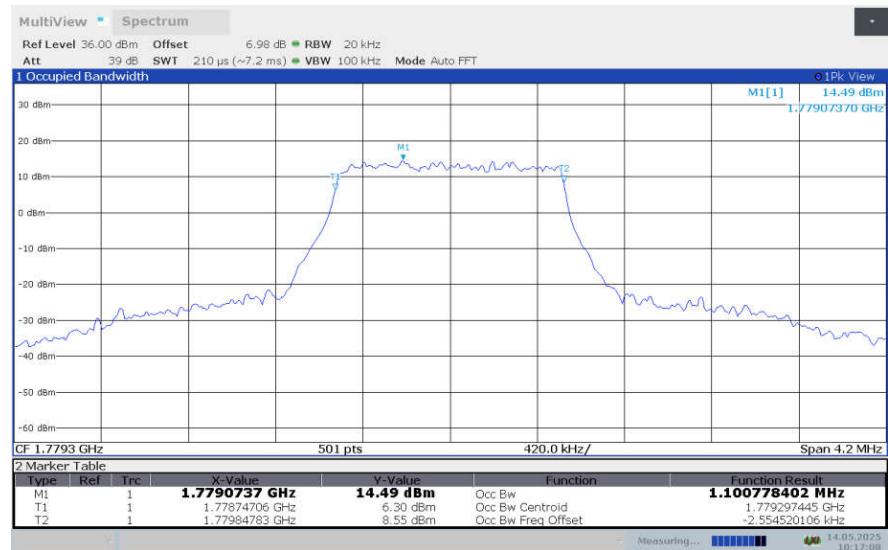
LTE band 66 , 1.4MHz Bandwidth,MID,64QAM (99% BW)



LTE band 66 , 1.4MHz Bandwidth,HIGH,QPSK (99% BW)



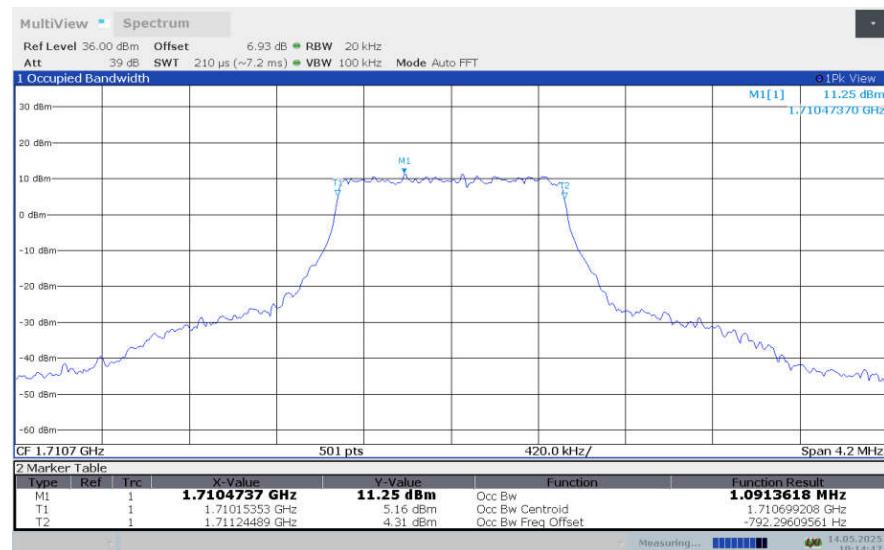
LTE band 66 , 1.4MHz Bandwidth,HIGH,16QAM (99% BW)



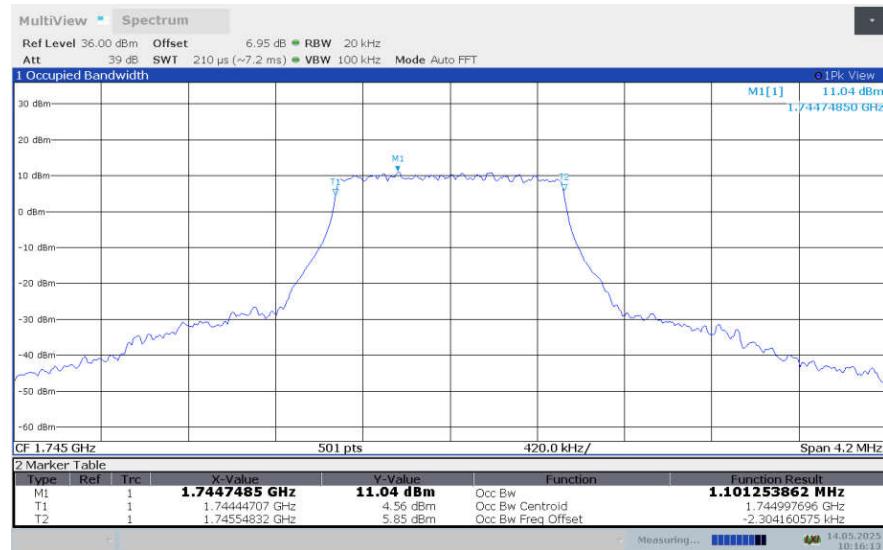
LTE band 66 , 1.4MHz Bandwidth,HIGH,64QAM (99% BW)



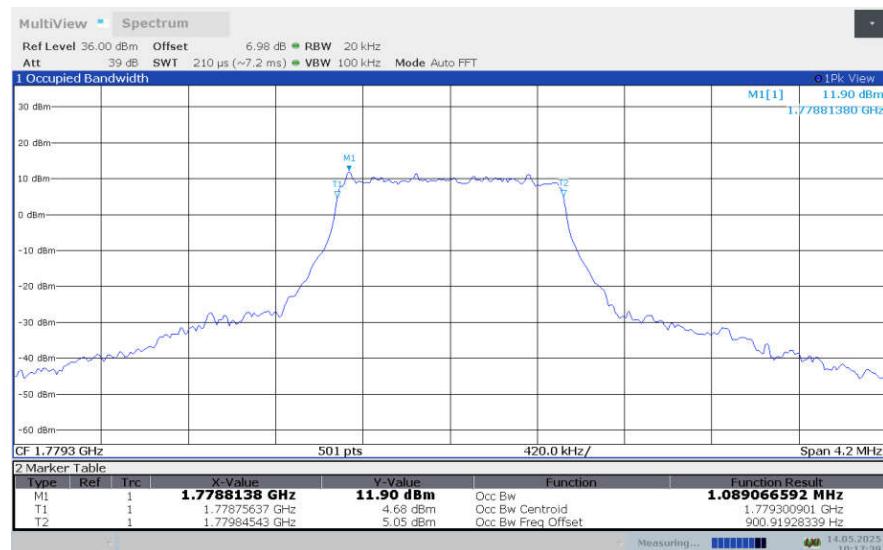
LTE band 66 , 1.4MHz Bandwidth,LOW,256QAM (99% BW)



LTE band 66 , 1.4MHz Bandwidth,MID,256QAM (99% BW)

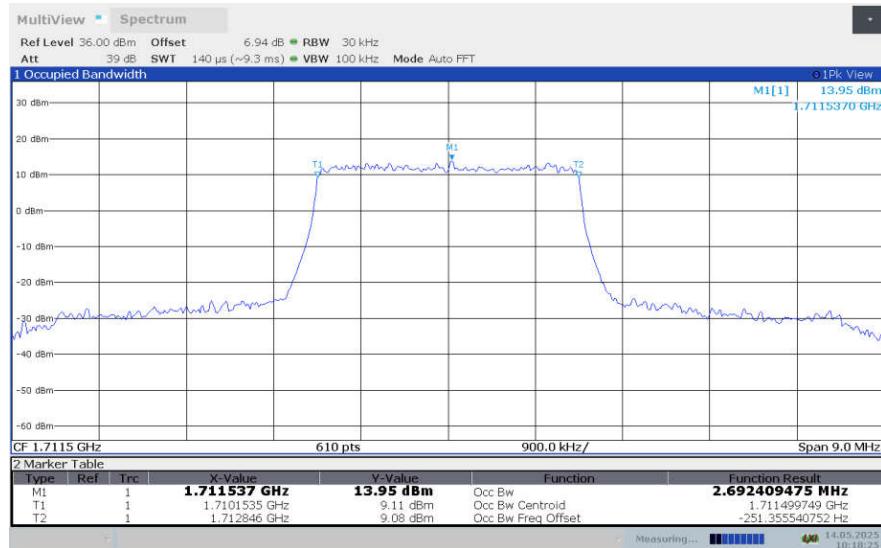
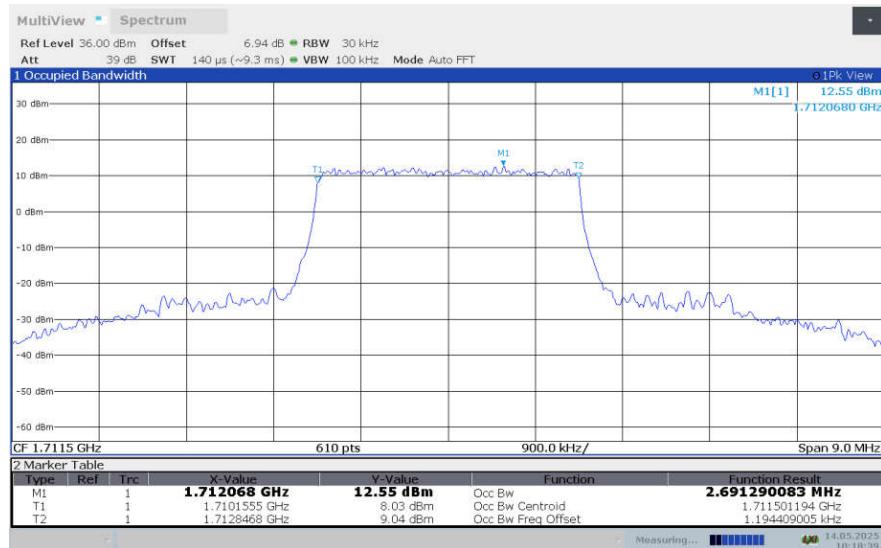


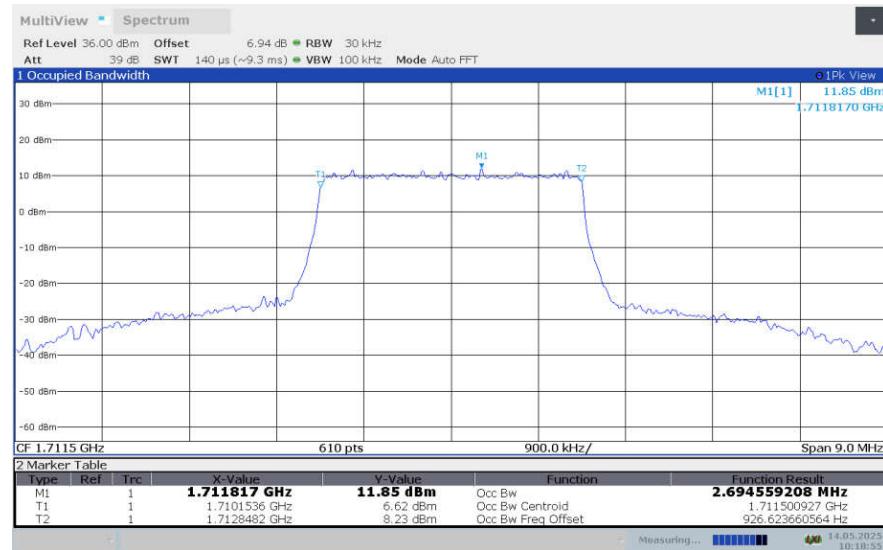
LTE band 66 , 1.4MHz Bandwidth,HIGH,256QAM (99% BW)



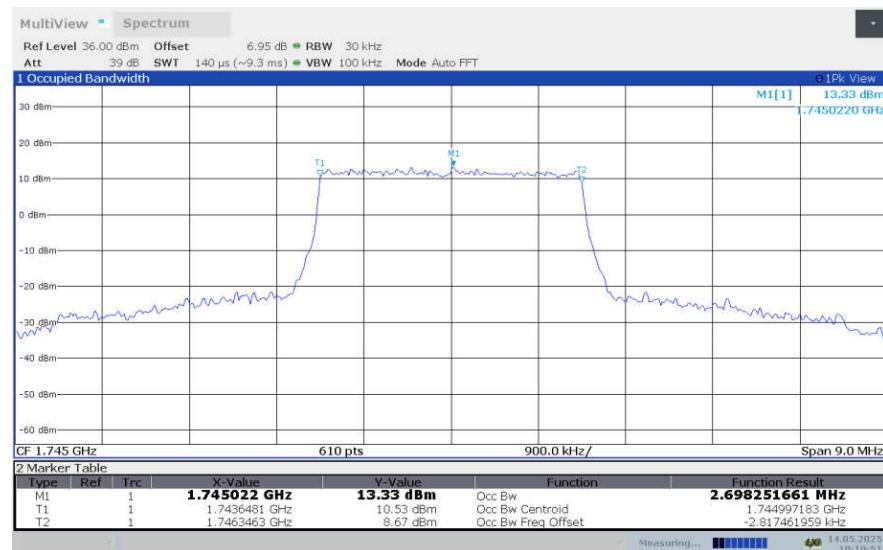
LTE band 66,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
1711.5	2.692	2.691	2.695	2.695
1745	2.698	2.697	2.694	2.695
1778.5	2.694	2.698	2.704	2.700

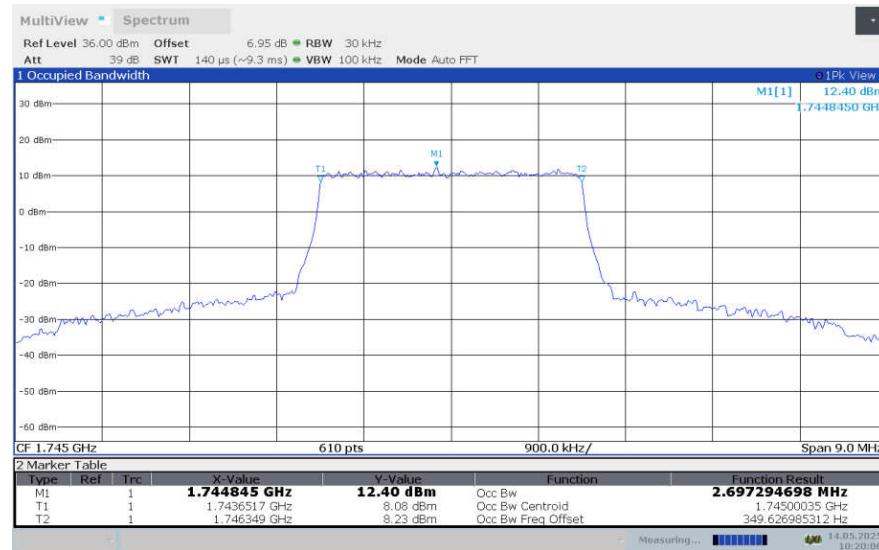
LTE band 66 , 3MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 66 , 3MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 66 , 3MHz Bandwidth,LOW,64QAM (99% BW)



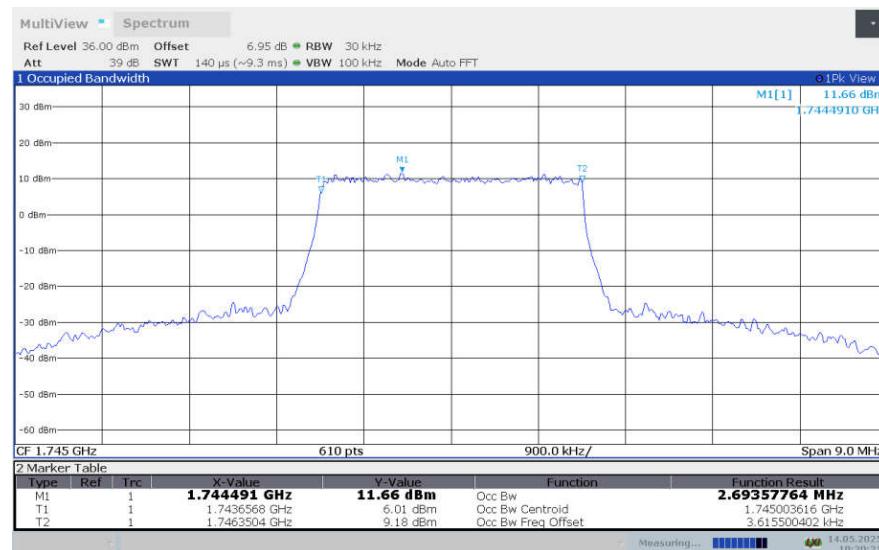
LTE band 66 , 3MHz Bandwidth,MID,QPSK (99% BW)



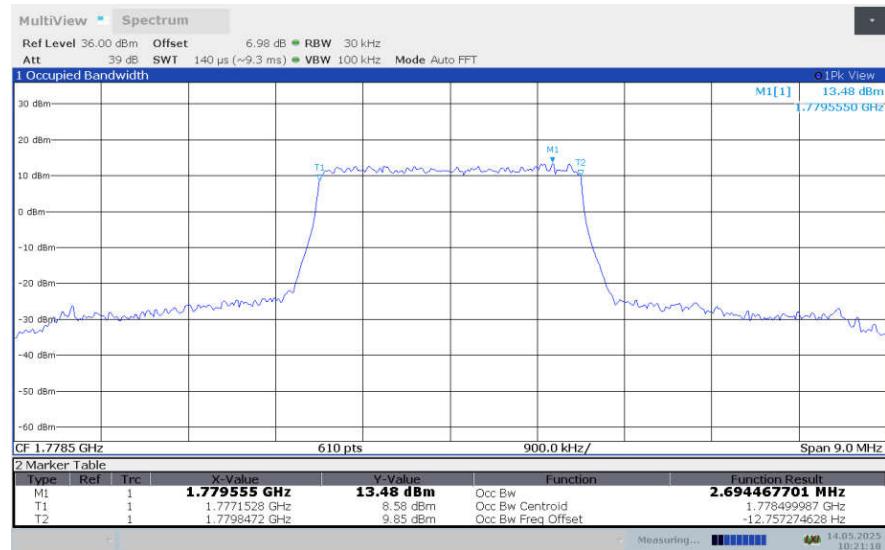
LTE band 66 , 3MHz Bandwidth,MID,16QAM (99% BW)



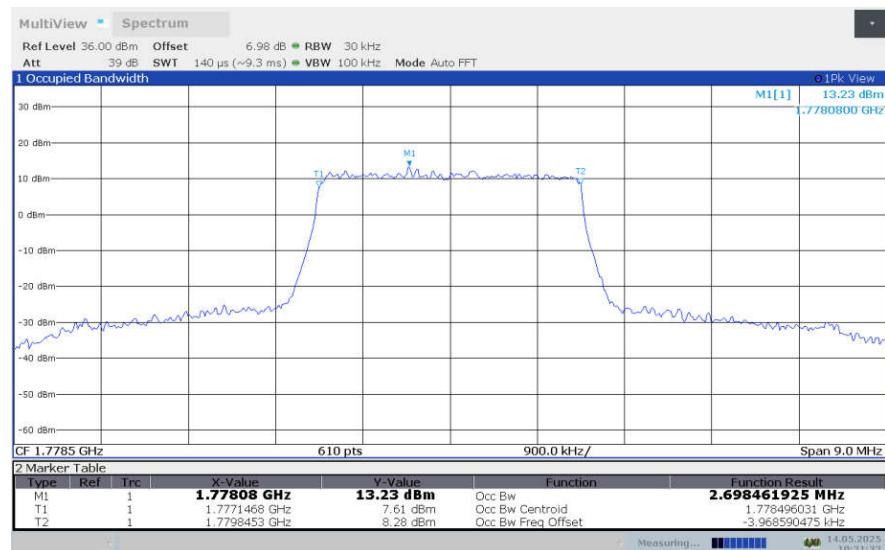
LTE band 66 , 3MHz Bandwidth,MID,64QAM (99% BW)



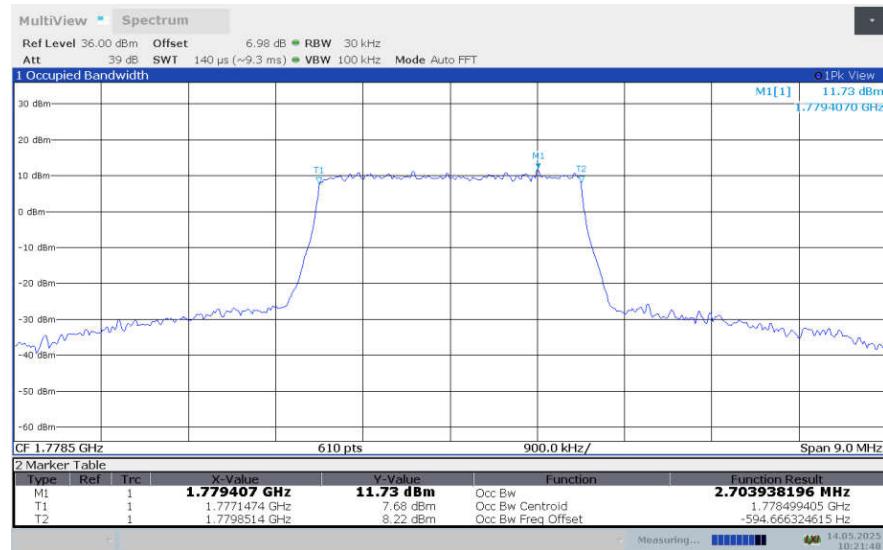
LTE band 66 , 3MHz Bandwidth,HIGH,QPSK (99% BW)



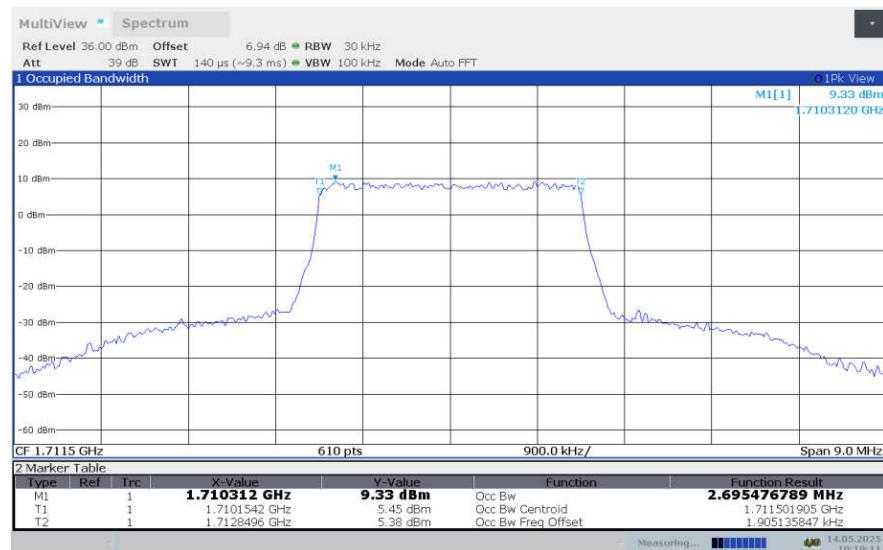
LTE band 66 , 3MHz Bandwidth,HIGH,16QAM (99% BW)



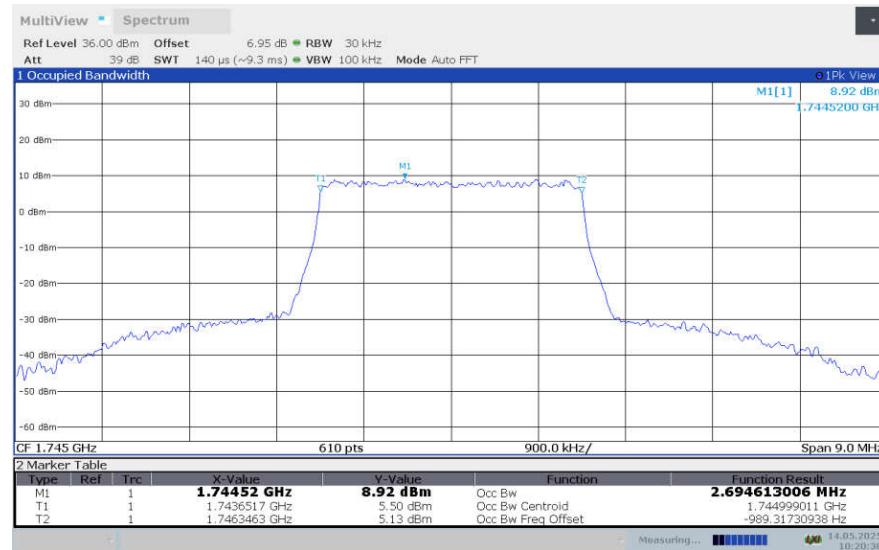
LTE band 66 , 3MHz Bandwidth,HIGH,64QAM (99% BW)



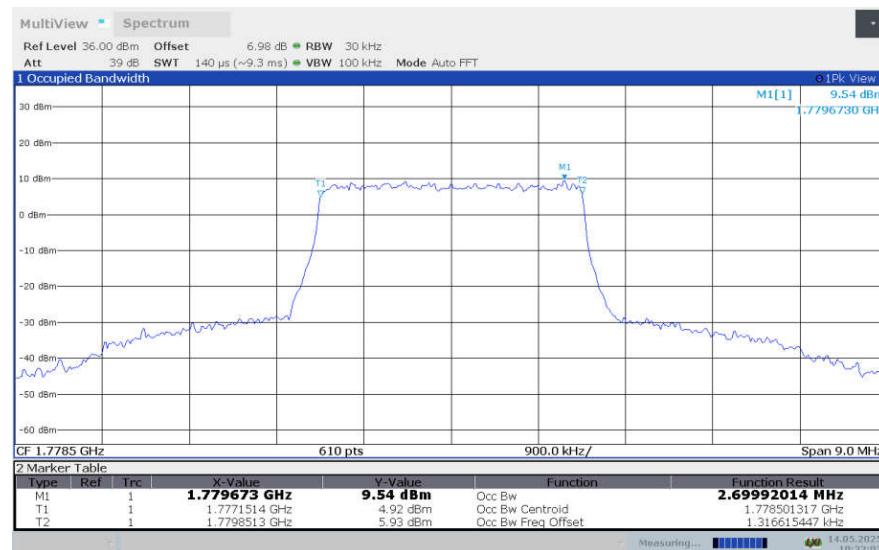
LTE band 66 , 3MHz Bandwidth,LOW,256QAM (99% BW)



LTE band 66 , 3MHz Bandwidth,MID,256QAM (99% BW)

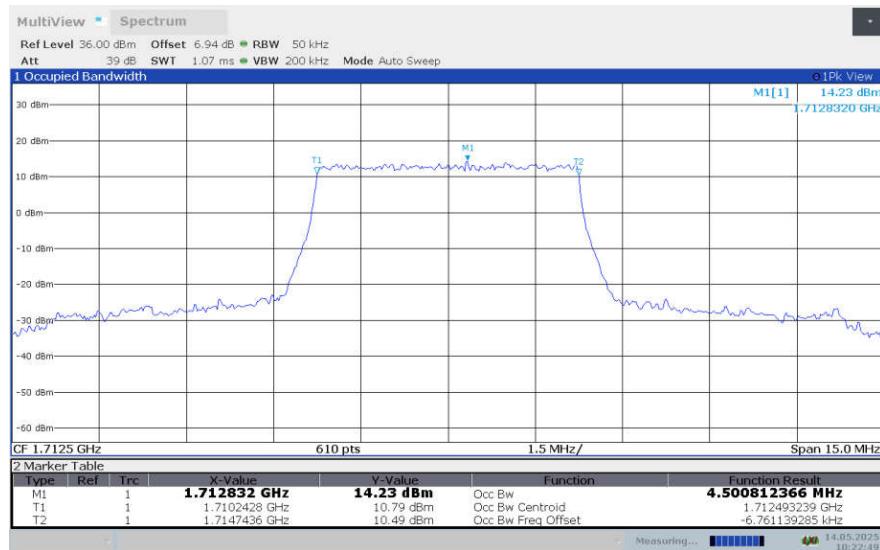
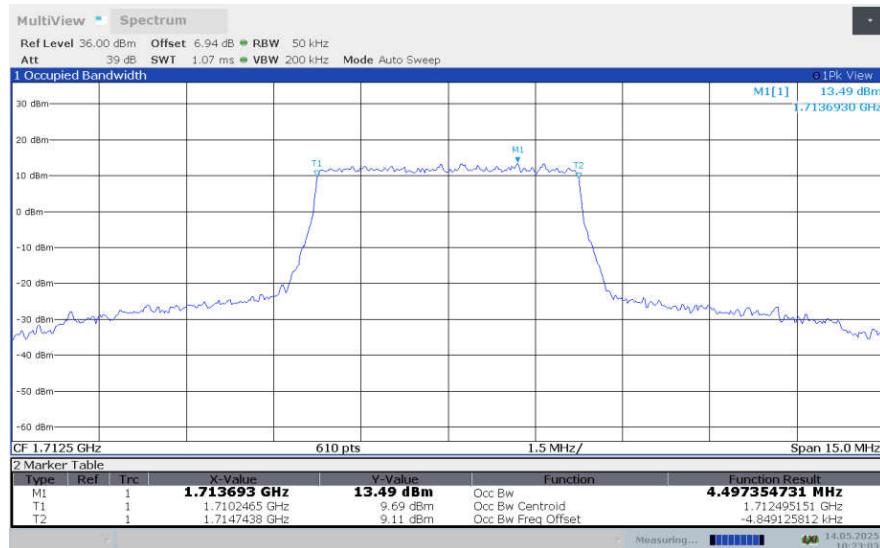


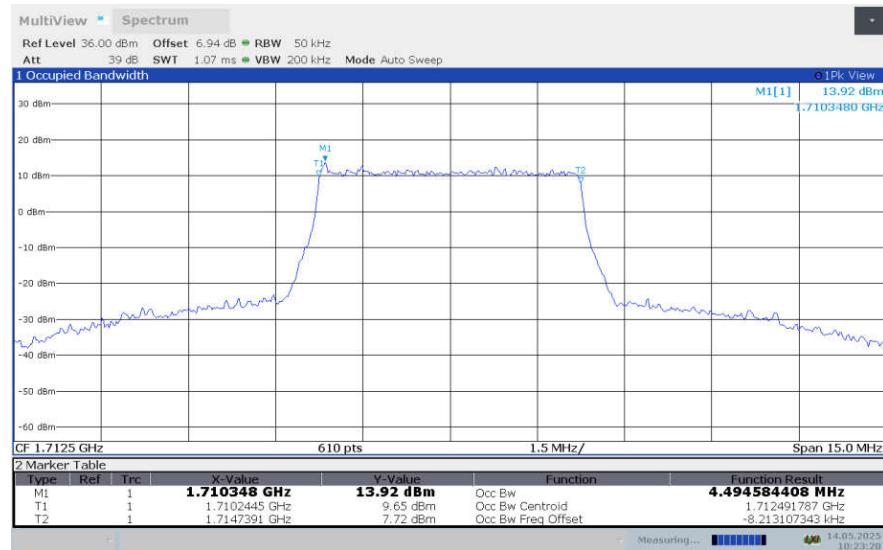
LTE band 66 , 3MHz Bandwidth,HIGH,256QAM (99% BW)



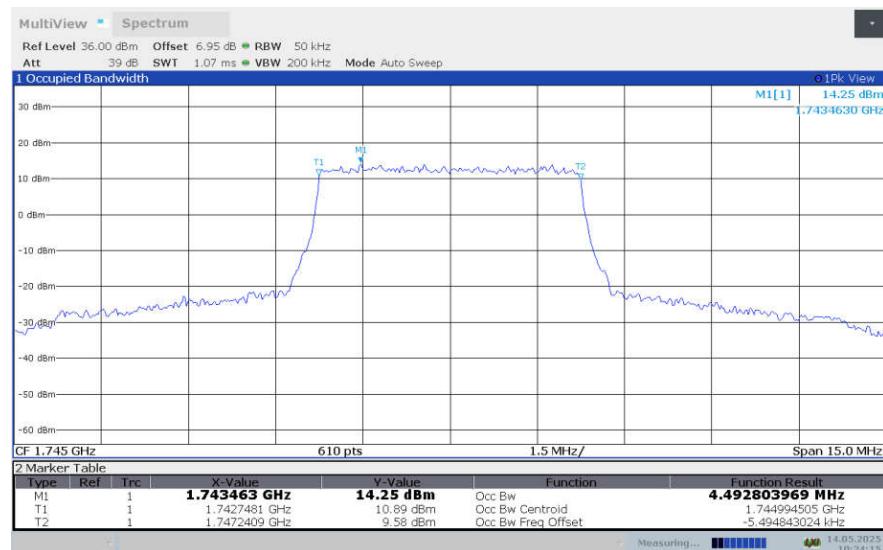
LTE band 66,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
1712.5	4.501	4.497	4.495	4.499
1745	4.493	4.505	4.507	4.503
1777.5	4.498	4.495	4.497	4.494

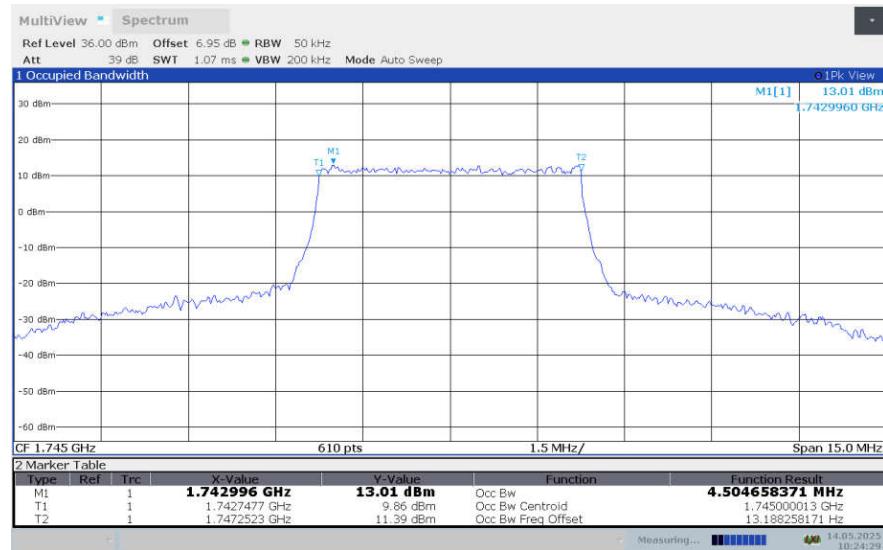
LTE band 66 , 5MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 66 , 5MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 66 , 5MHz Bandwidth,LOW,64QAM (99% BW)



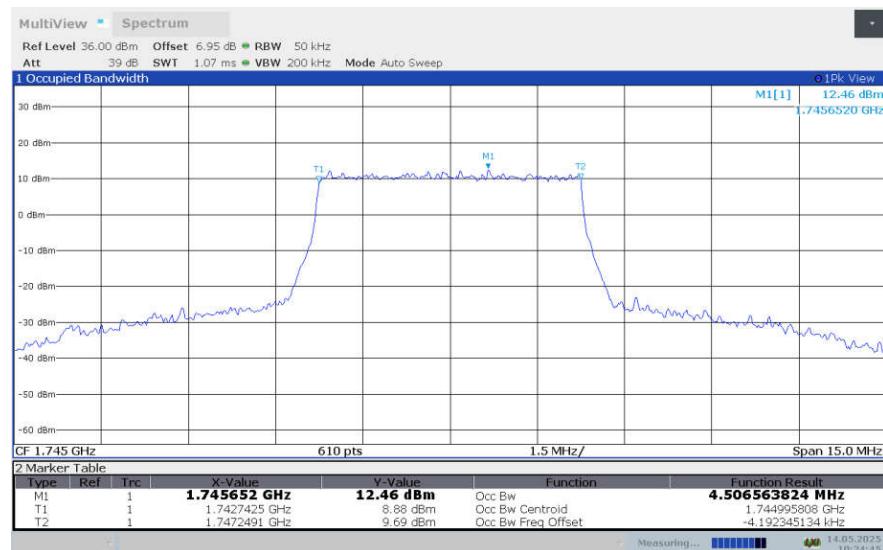
LTE band 66 , 5MHz Bandwidth,MID,QPSK (99% BW)



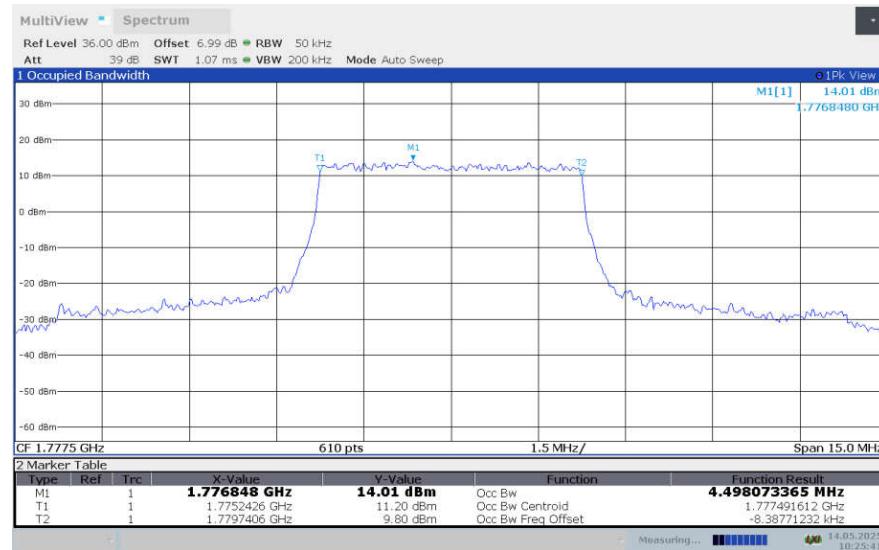
LTE band 66 , 5MHz Bandwidth,MID,16QAM (99% BW)



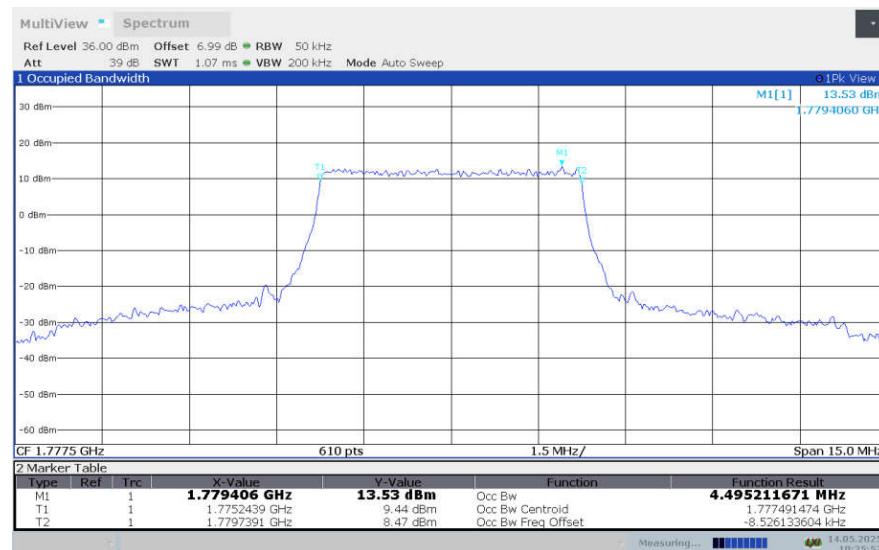
LTE band 66 , 5MHz Bandwidth,MID,64QAM (99% BW)



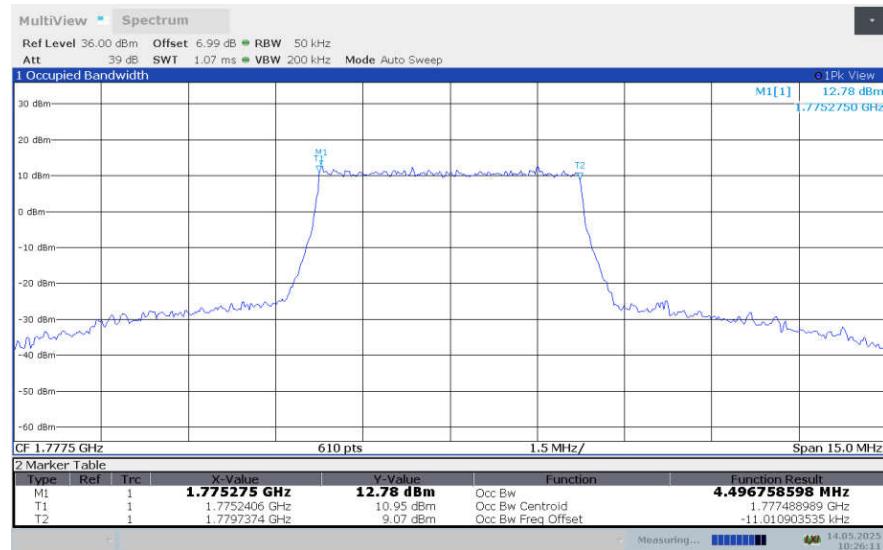
LTE band 66 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



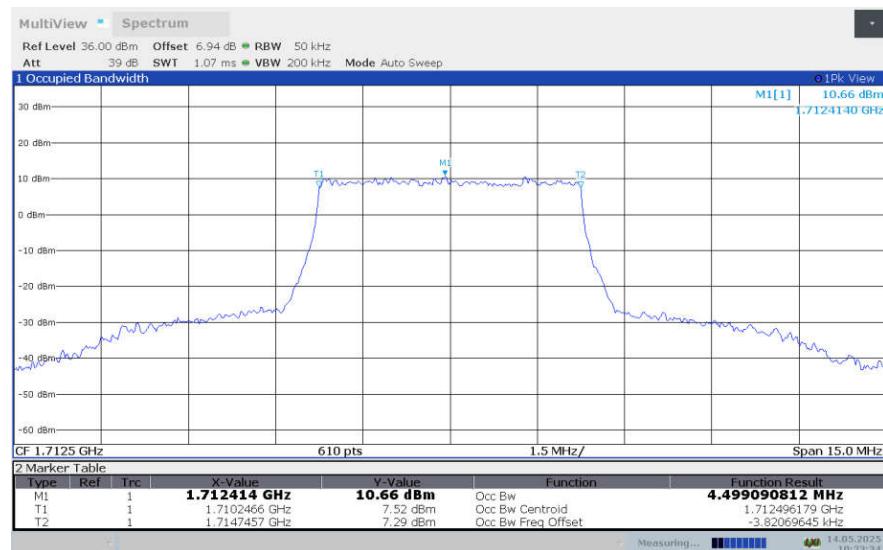
LTE band 66 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



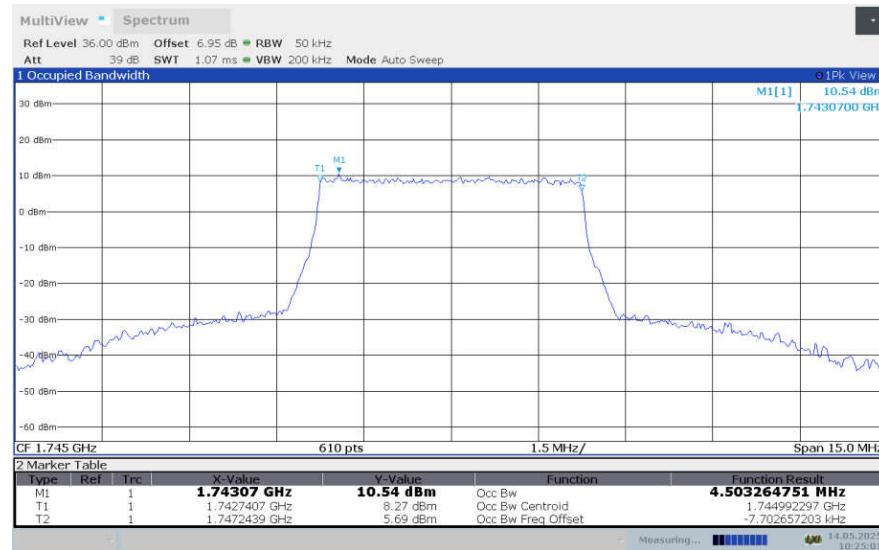
LTE band 66 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



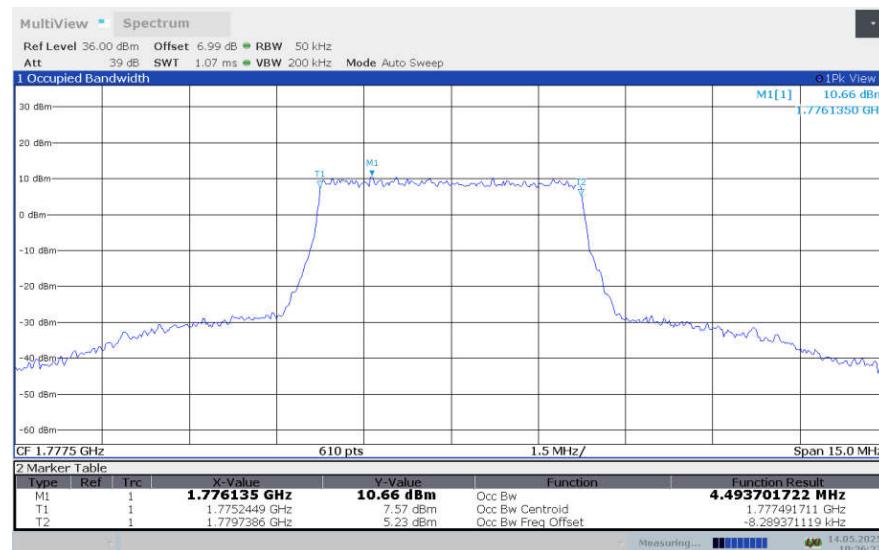
LTE band 66 , 5MHz Bandwidth,LOW,256QAM (99% BW)



LTE band 66 , 5MHz Bandwidth,MID,256QAM (99% BW)

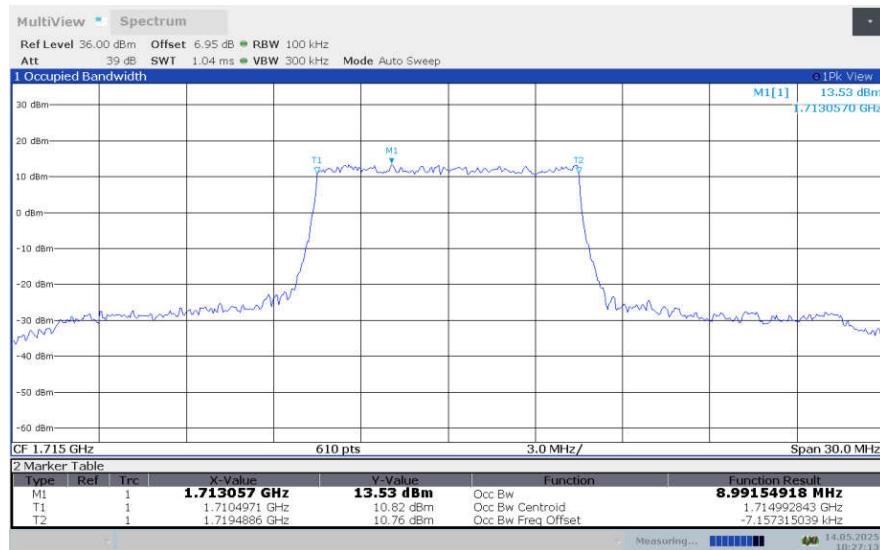
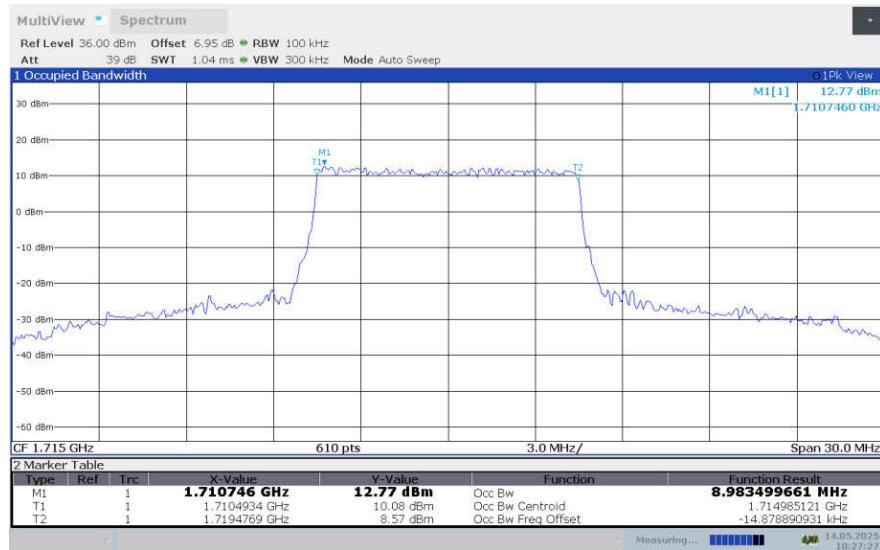


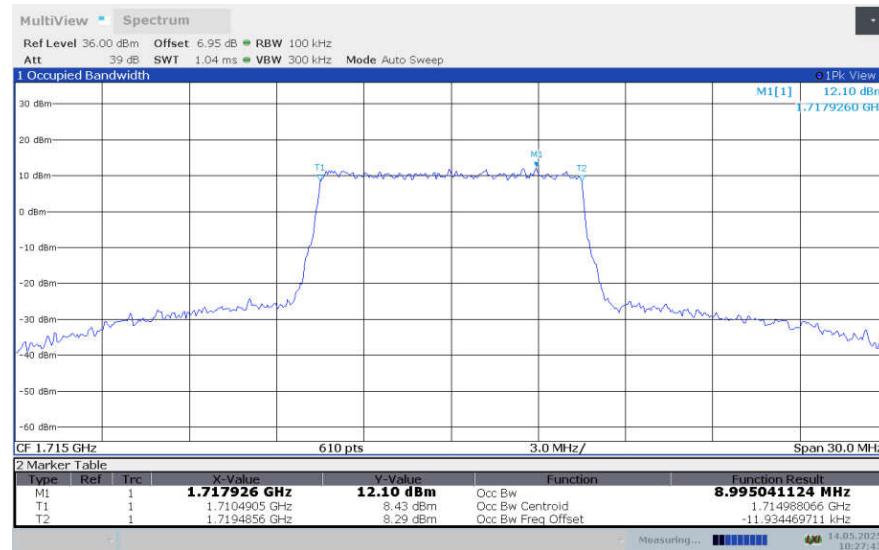
LTE band 66 , 5MHz Bandwidth,HIGH,256QAM (99% BW)



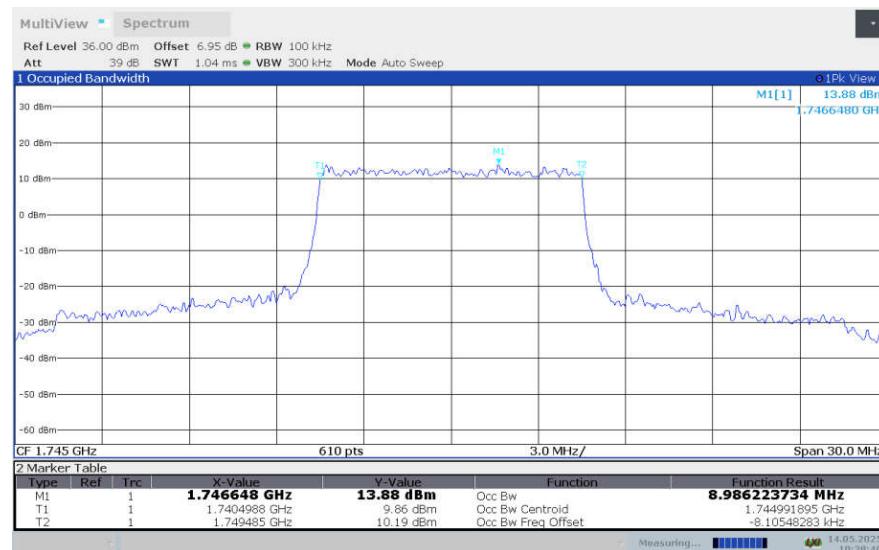
LTE band 66,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
1715	8.992	8.983	8.995	8.984
1745	8.986	8.980	8.970	8.979
1775	8.988	8.999	8.965	8.994

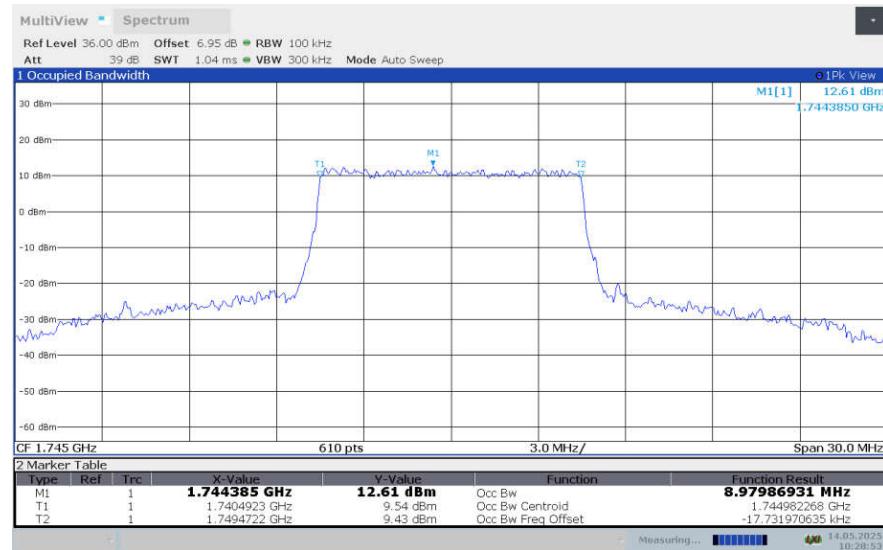
LTE band 66 , 10MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 66 , 10MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 66 , 10MHz Bandwidth,LOW,64QAM (99% BW)



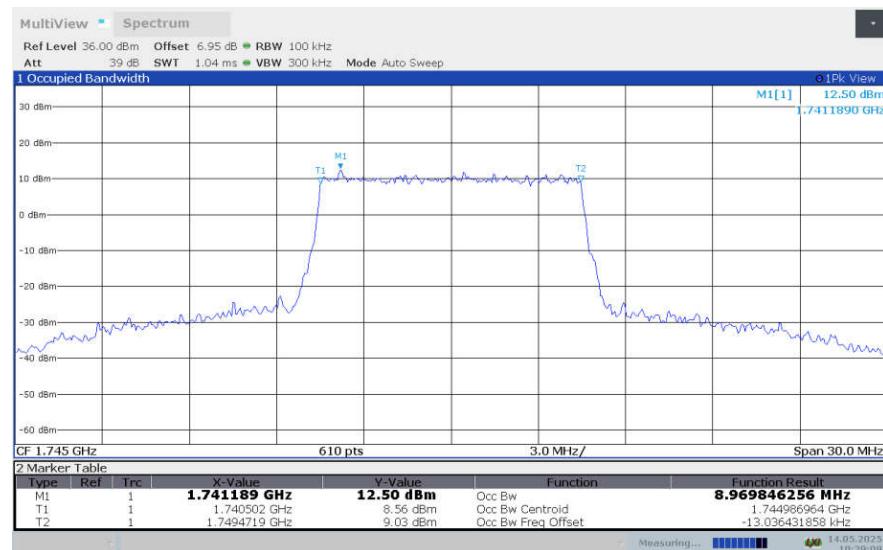
LTE band 66 , 10MHz Bandwidth,MID,QPSK (99% BW)



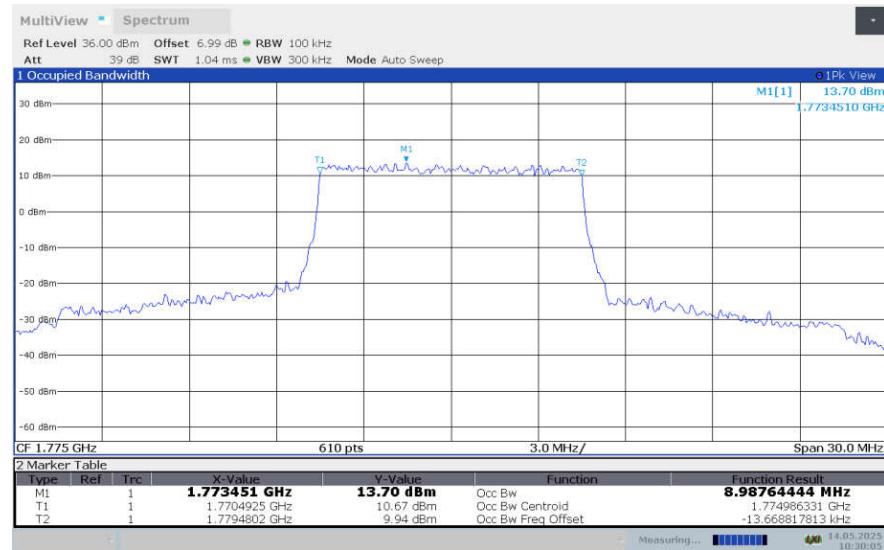
LTE band 66 , 10MHz Bandwidth,MID,16QAM (99% BW)



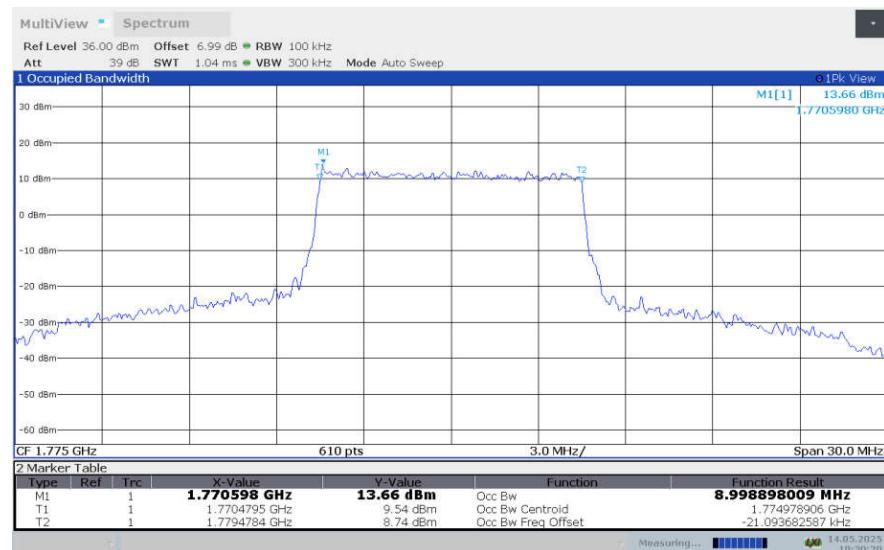
LTE band 66 , 10MHz Bandwidth,MID,64QAM (99% BW)



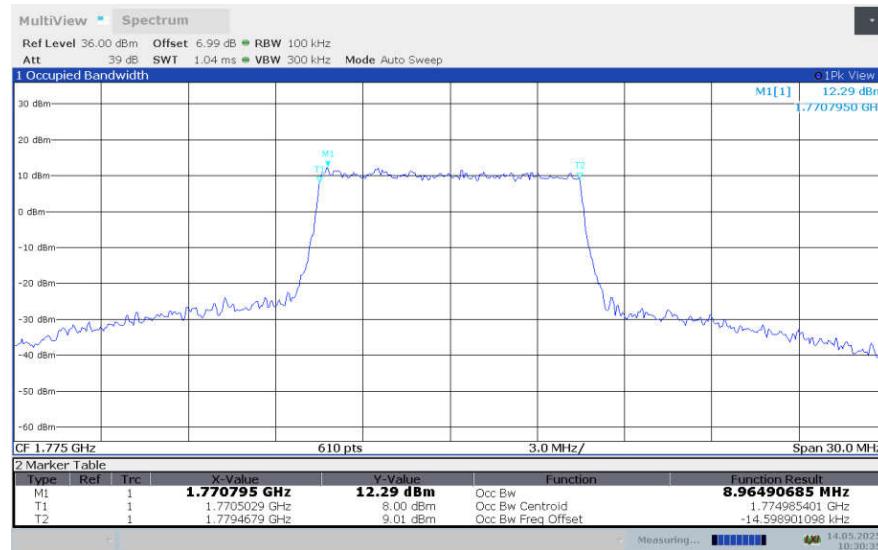
LTE band 66 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



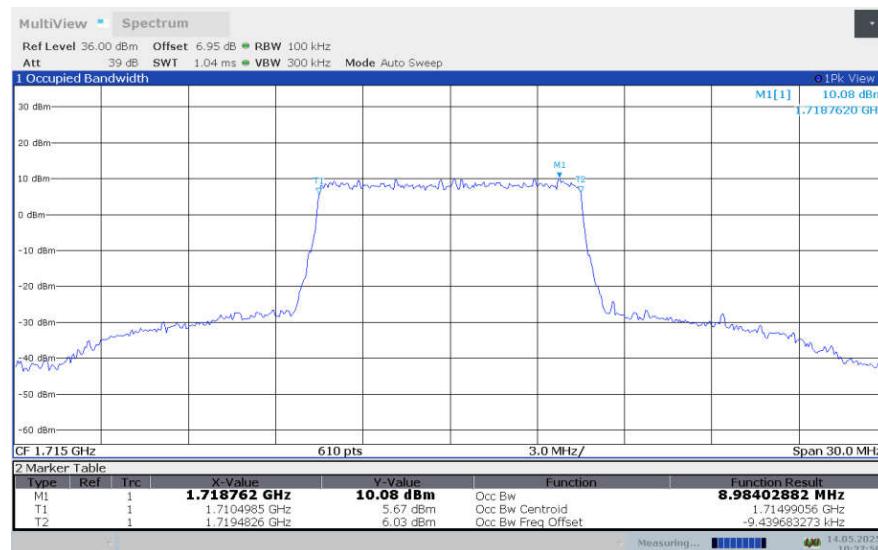
LTE band 66 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



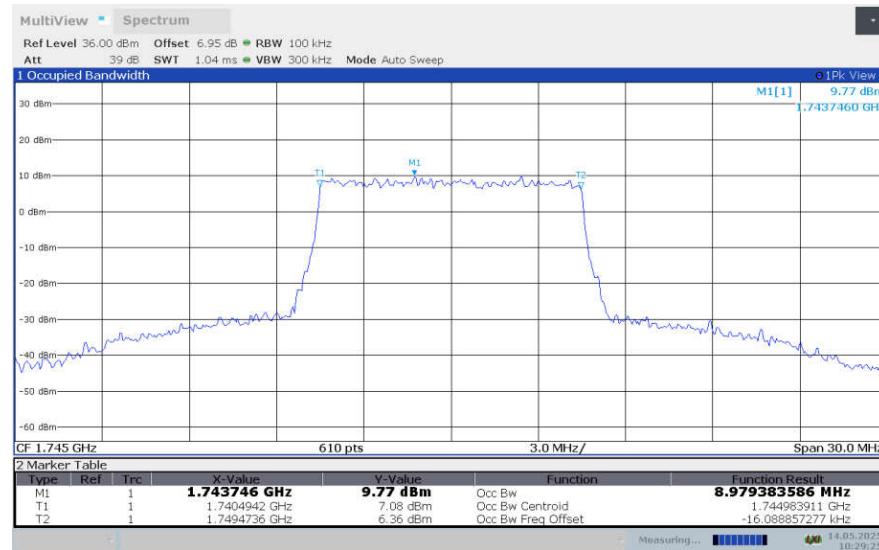
LTE band 66 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



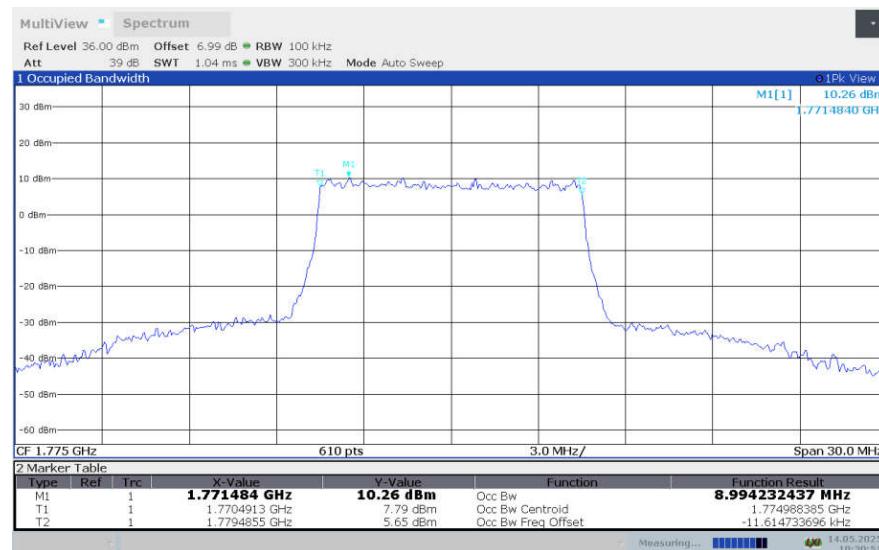
LTE band 66 , 10MHz Bandwidth,LOW,256QAM (99% BW)



LTE band 66 , 10MHz Bandwidth,MID,256QAM (99% BW)

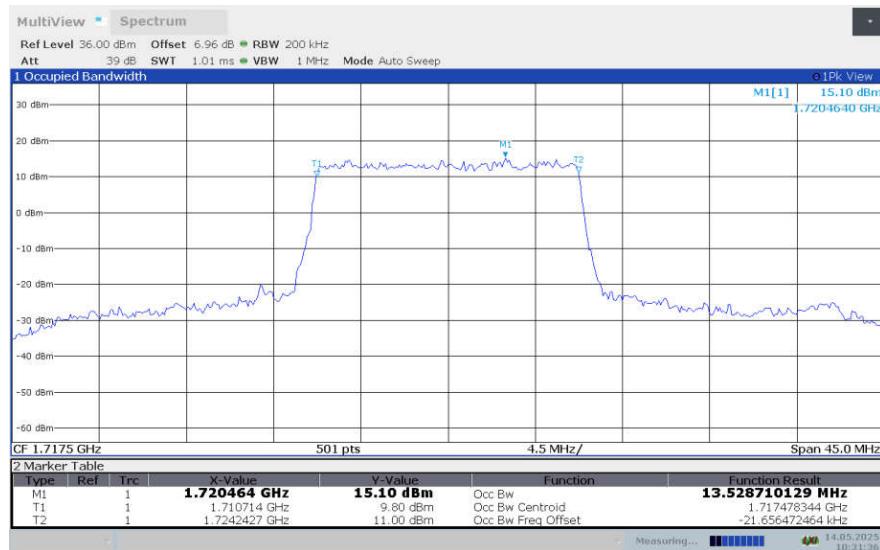
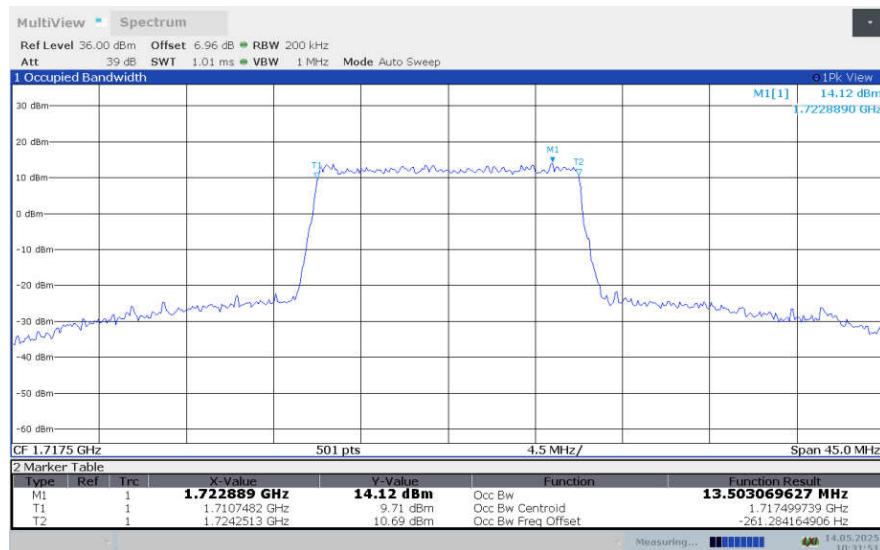


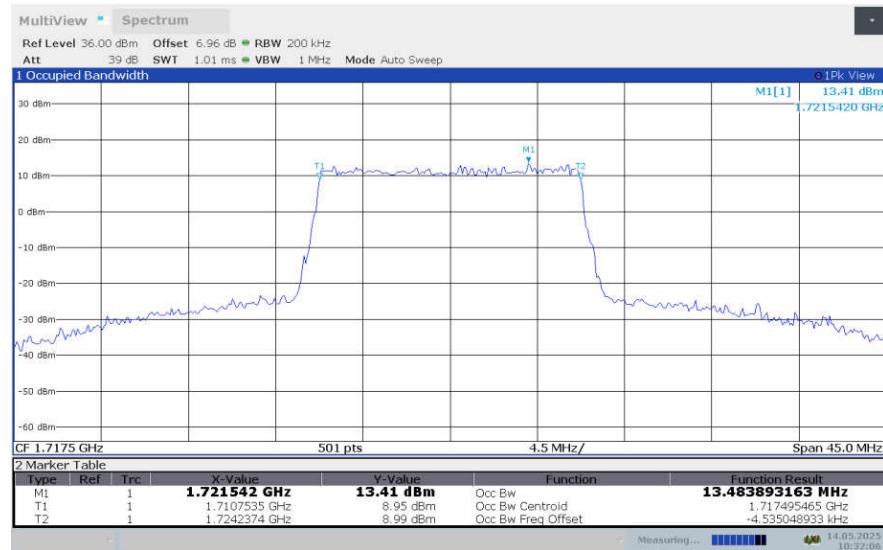
LTE band 66 , 10MHz Bandwidth,HIGH,256QAM (99% BW)



LTE band 66,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
1717.5	13.529	13.503	13.484	13.499
1745	13.500	13.502	13.503	13.511
1772.5	13.522	13.503	13.491	13.526

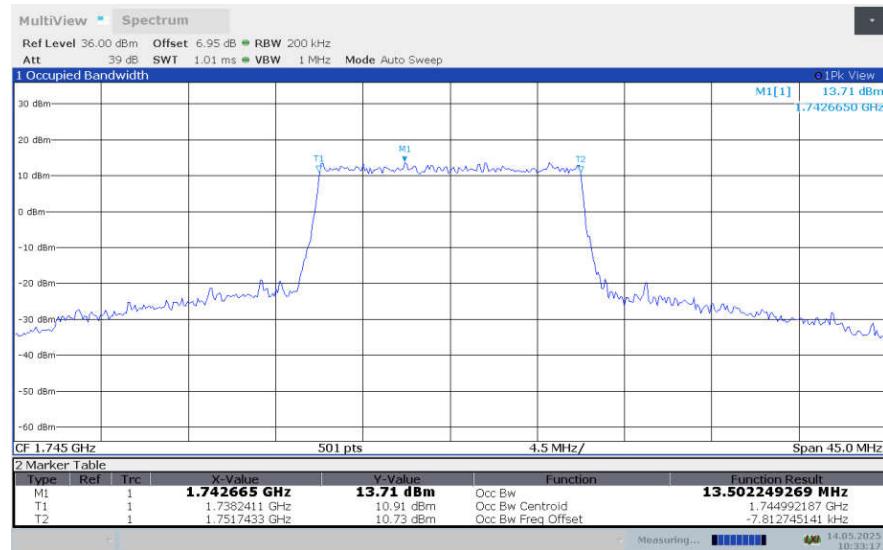
LTE band 66 , 15MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 66 , 15MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 66 , 15MHz Bandwidth,LOW,64QAM (99% BW)



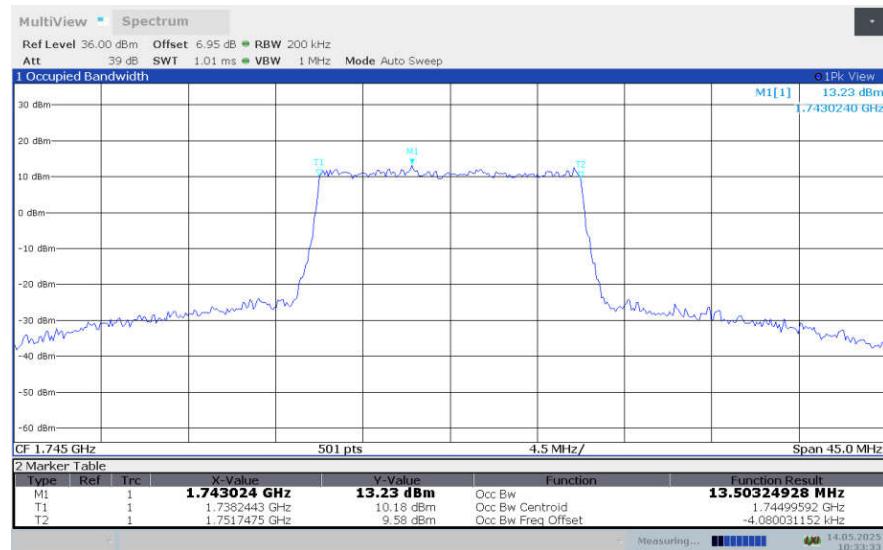
LTE band 66 , 15MHz Bandwidth,MID,QPSK (99% BW)



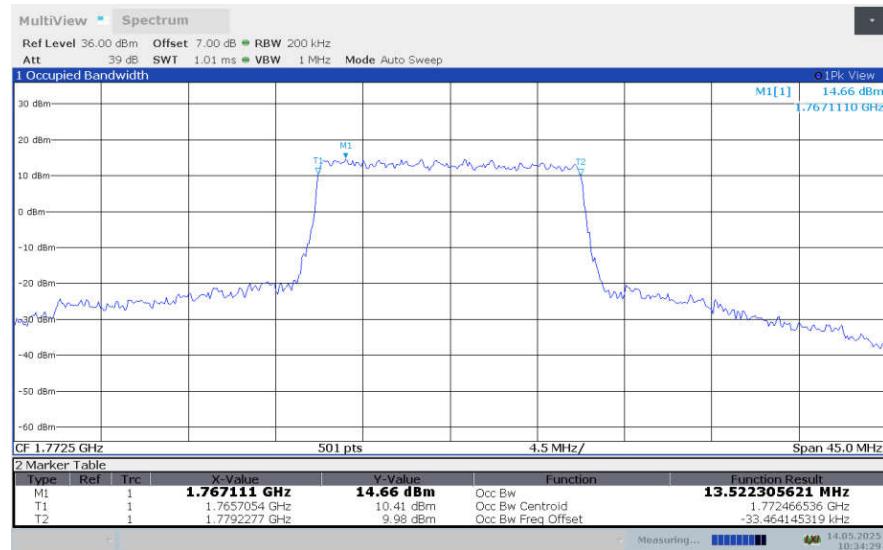
LTE band 66 , 15MHz Bandwidth,MID,16QAM (99% BW)



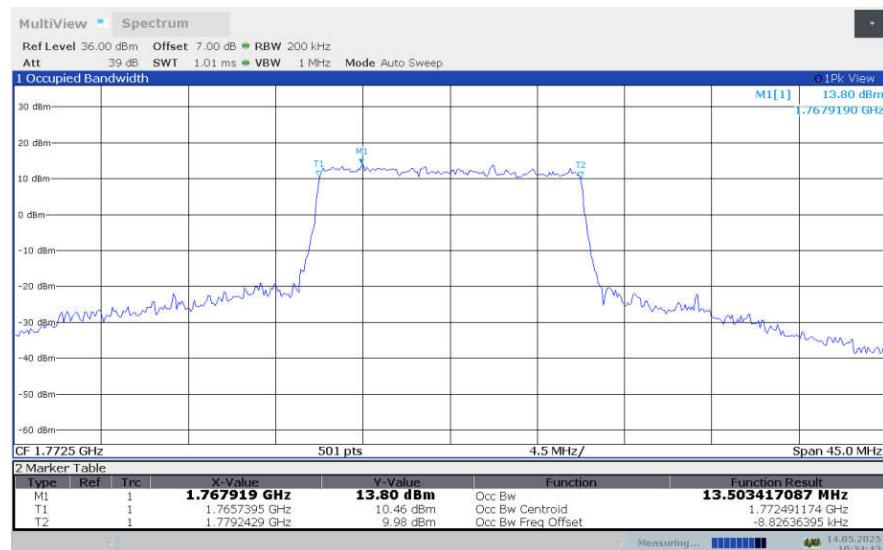
LTE band 66 , 15MHz Bandwidth,MID,64QAM (99% BW)



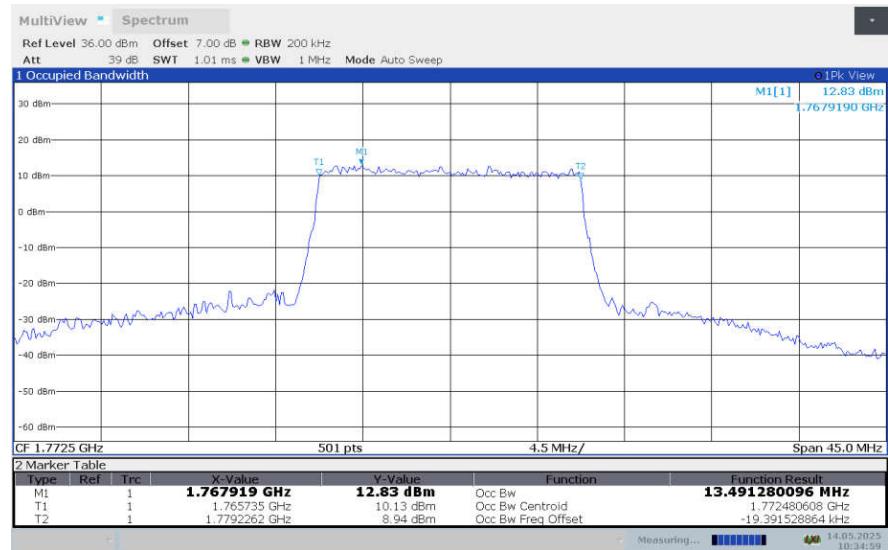
LTE band 66 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



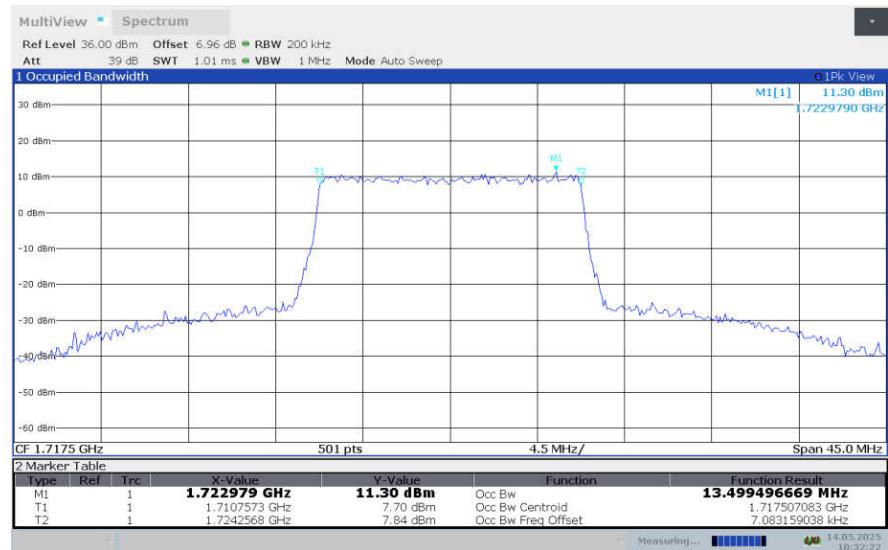
LTE band 66 , 15MHz Bandwidth,HIGH,16QAM (99% BW)



LTE band 66 , 15MHz Bandwidth,HIGH,64QAM (99% BW)



LTE band 66 , 15MHz Bandwidth,LOW,256QAM (99% BW)



LTE band 66 , 15MHz Bandwidth,MID,256QAM (99% BW)