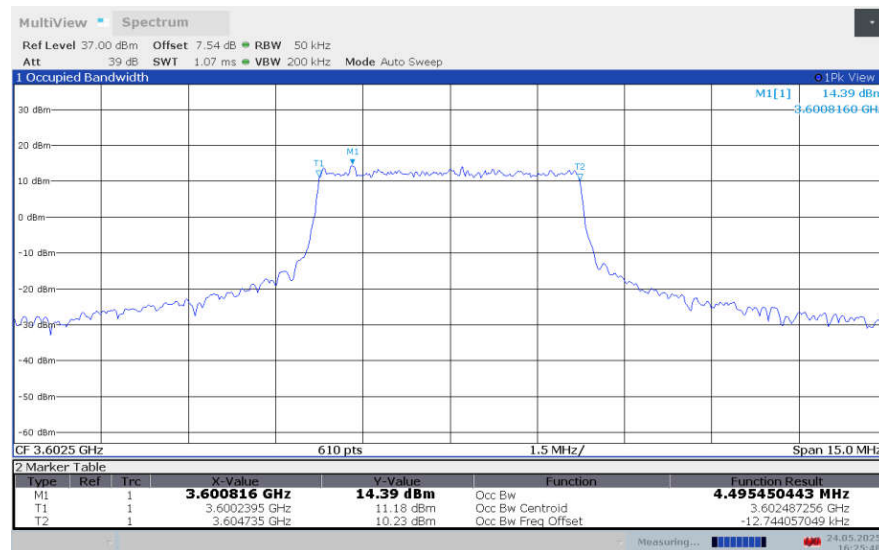


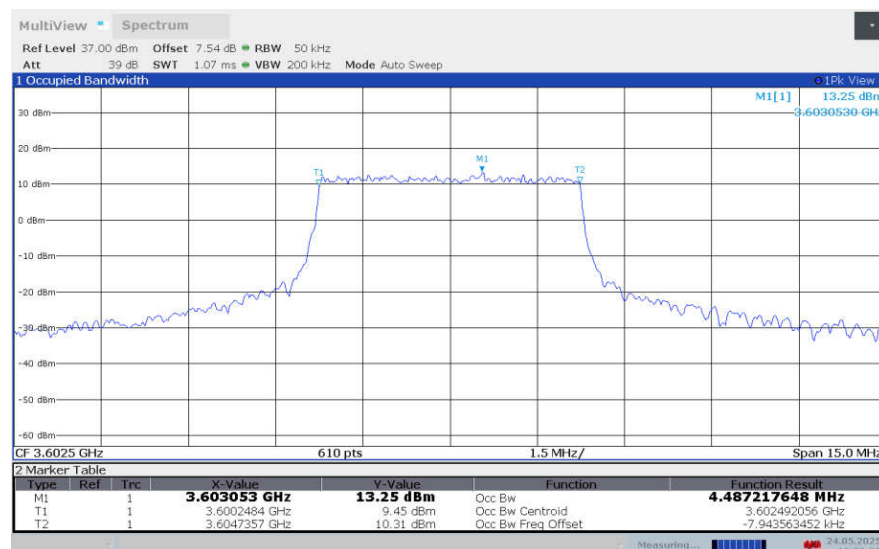
LTE band 43_Part96,5MHz(99%)

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

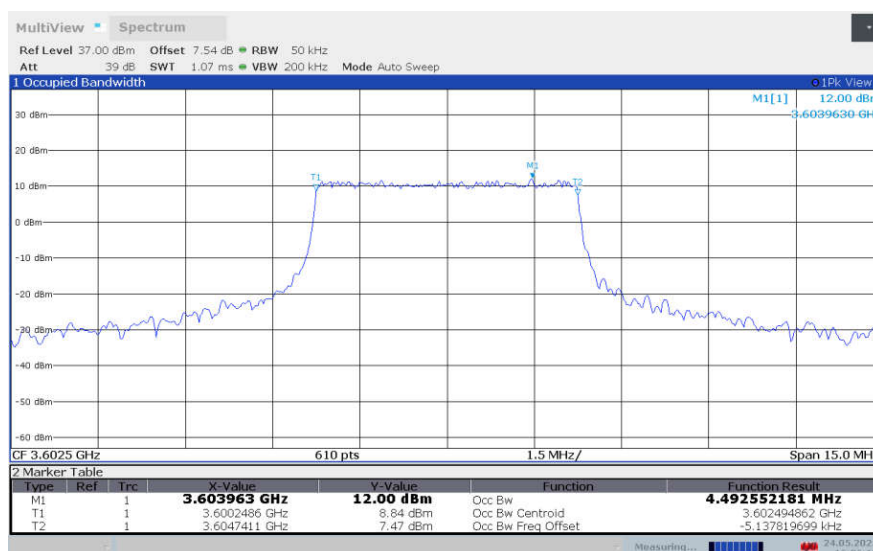
LTE band 43 , 5MHz Bandwidth,LOW,QPSK (99% BW)



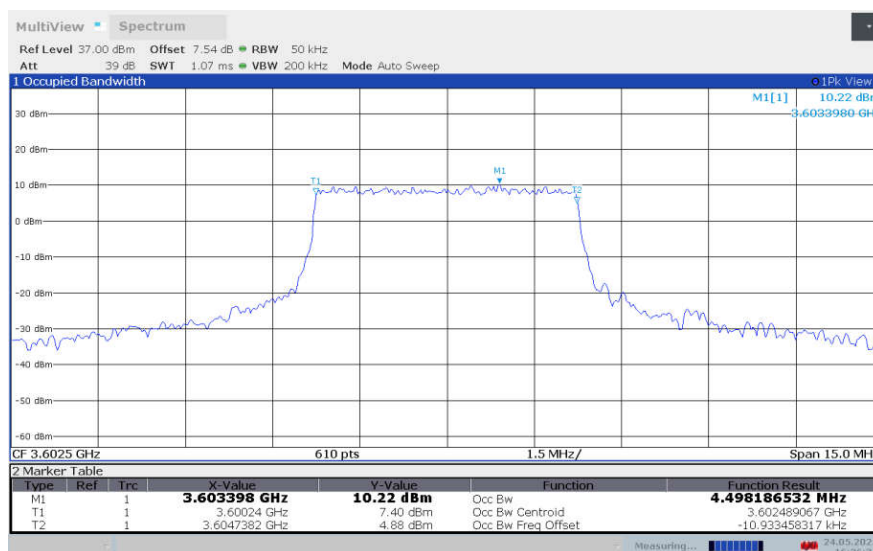
LTE band 43 , 5MHz Bandwidth,LOW,16QAM (99% BW)



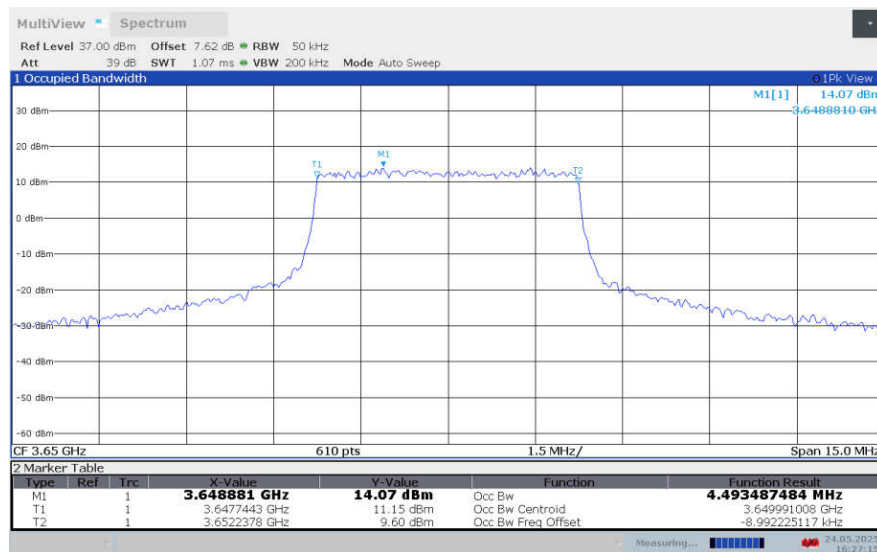
LTE band 43 , 5MHz Bandwidth,LOW,64QAM (99% BW)



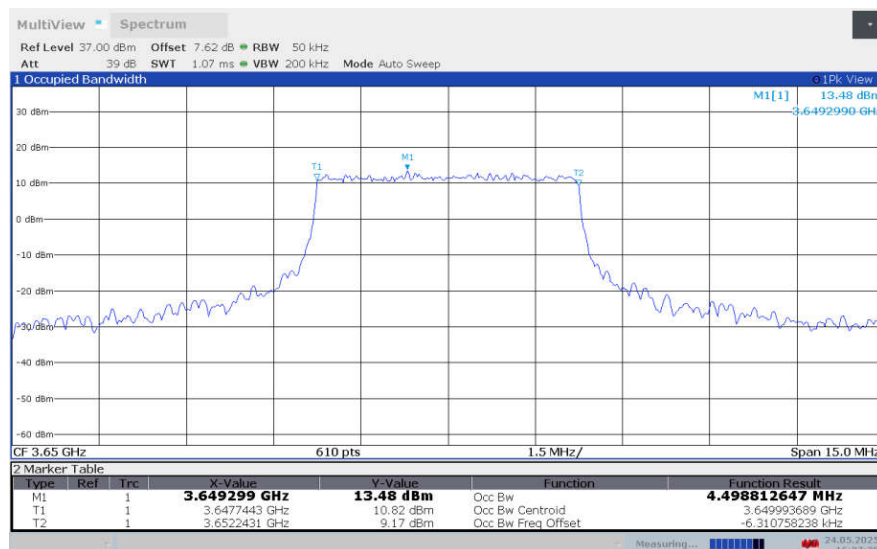
LTE band 43 , 5MHz Bandwidth,LOW,256QAM (99% BW)



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



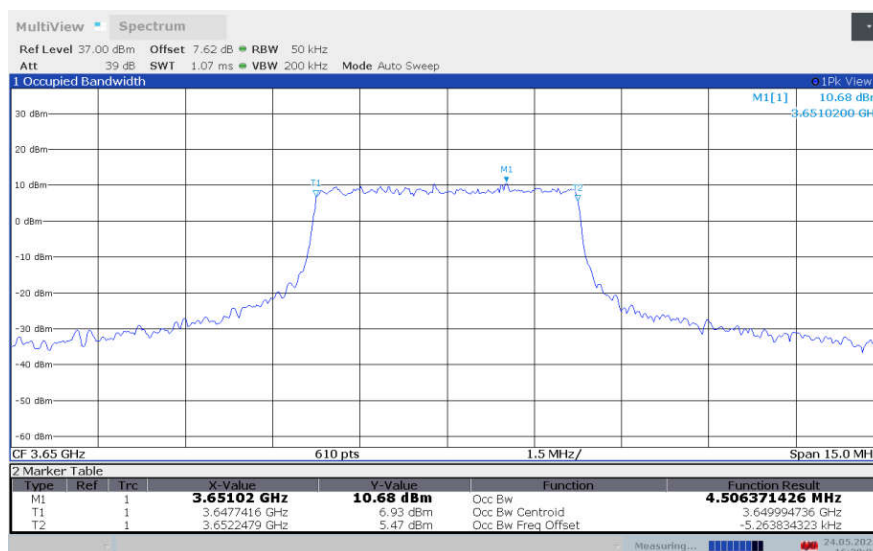
LTE band 43 , 5MHz Bandwidth,MID,16QAM (99% BW)



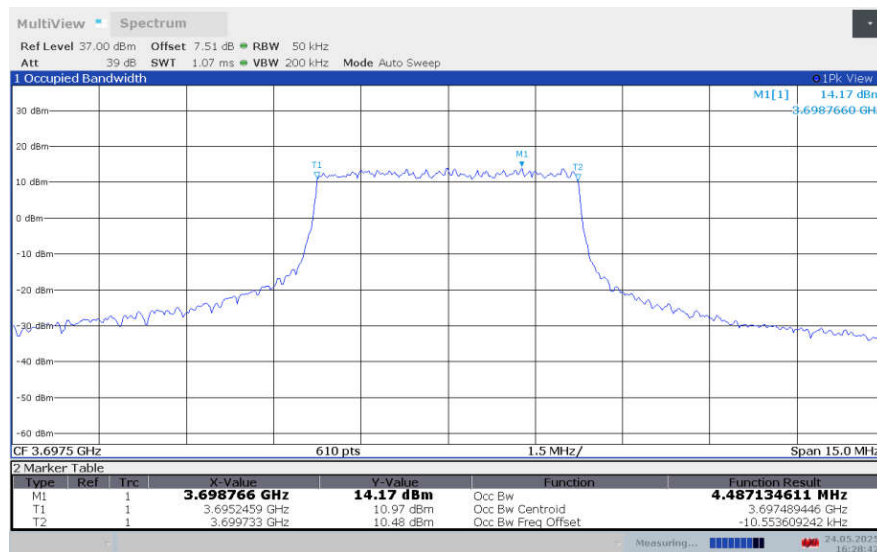
LTE band 43 , 5MHz Bandwidth,MID,64QAM (99% BW)



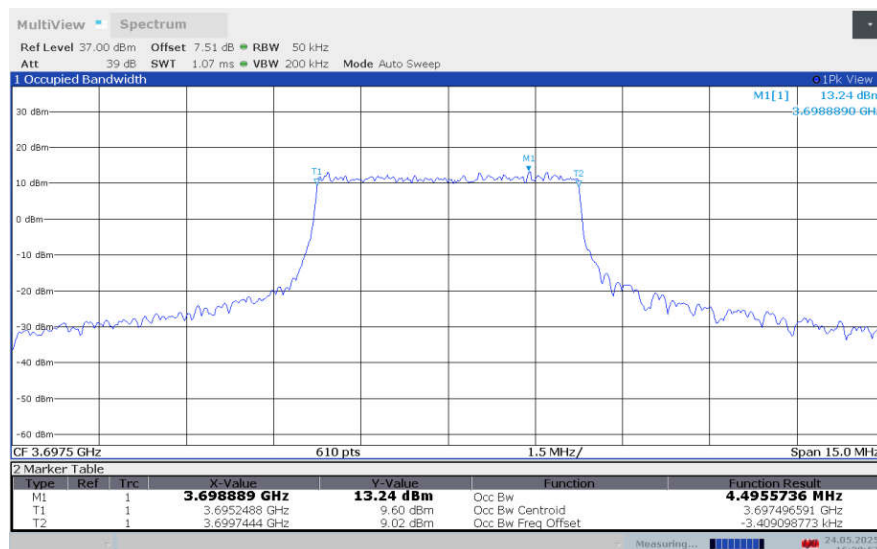
LTE band 43 , 5MHz Bandwidth,MID,256QAM (99% BW)



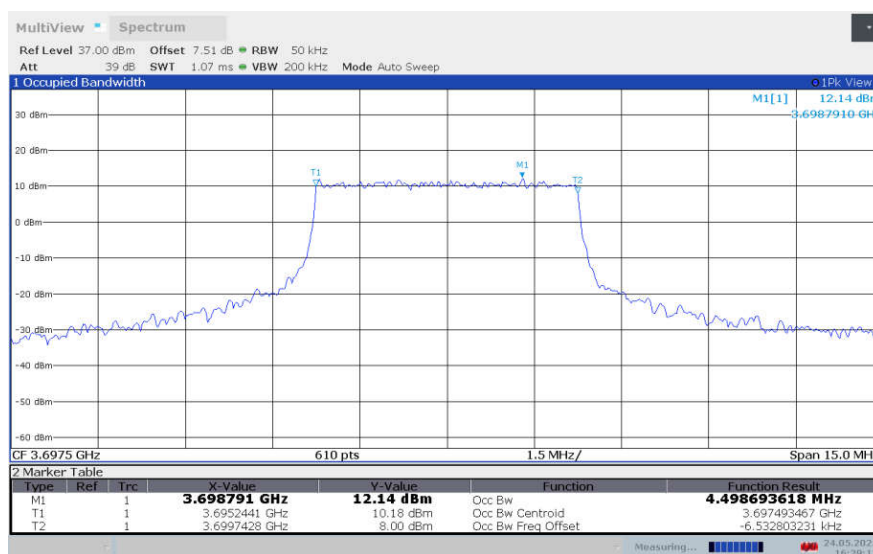
LTE band 43 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



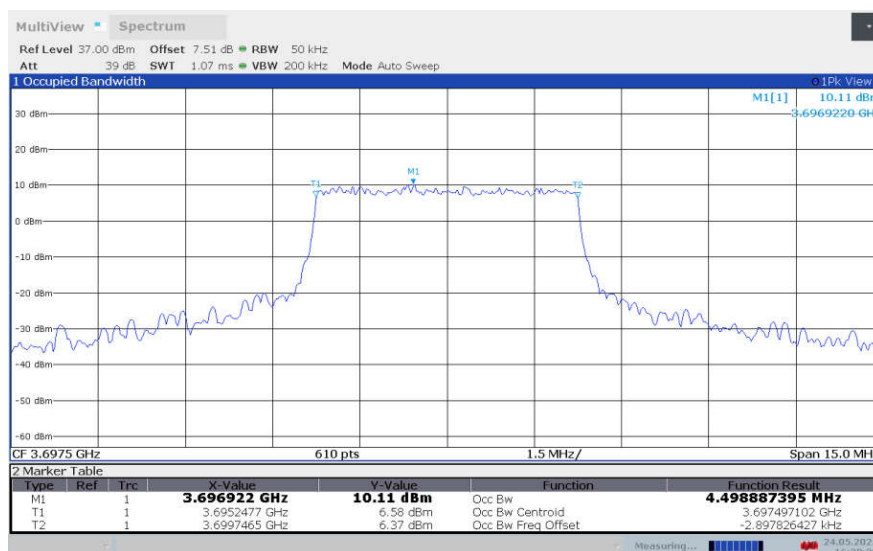
LTE band 43 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



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



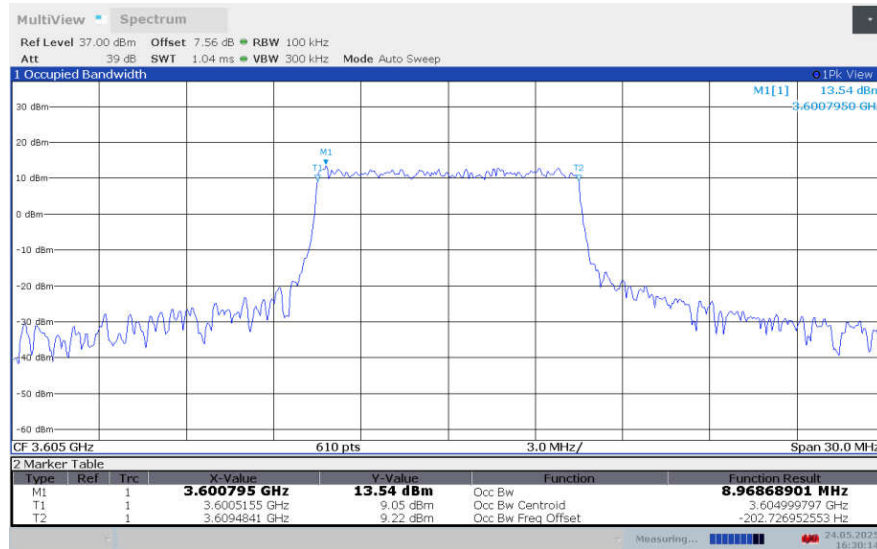
LTE band 43 , 5MHz Bandwidth,HIGH,256QAM (99% BW)



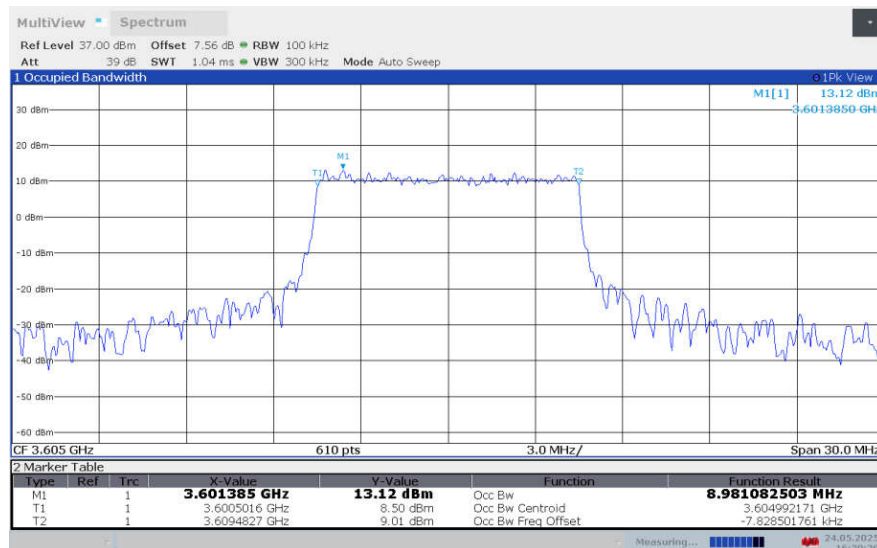
LTE band 43_Part96,10MHz(99%)

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

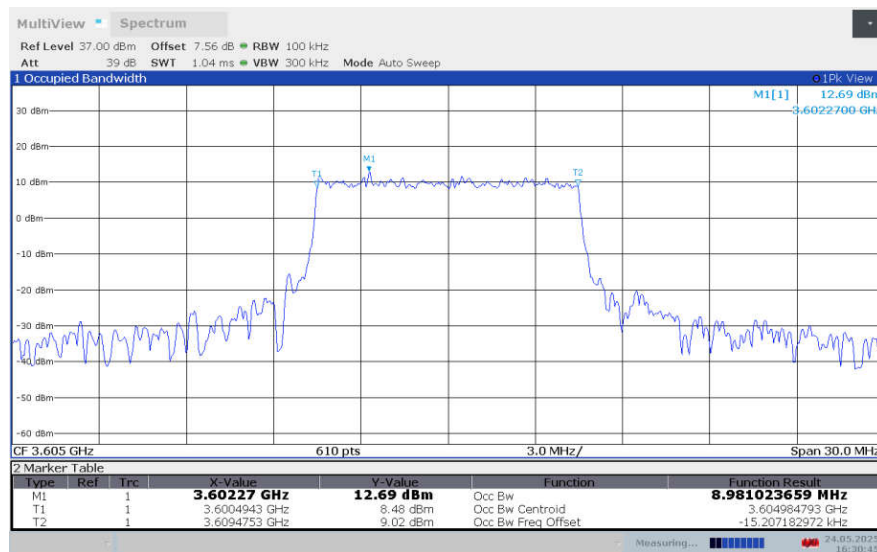
LTE band 43 , 10MHz Bandwidth,LOW,QPSK (99% BW)



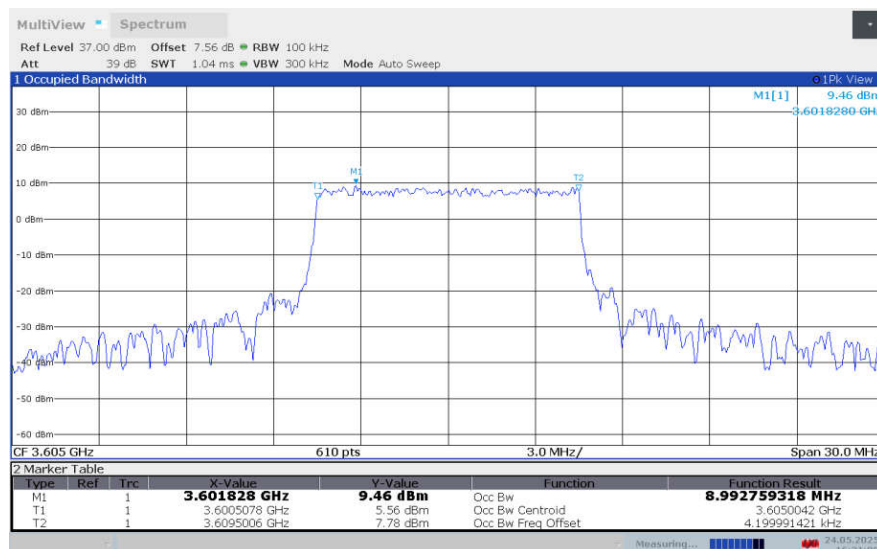
LTE band 43 , 10MHz Bandwidth,LOW,16QAM (99% BW)



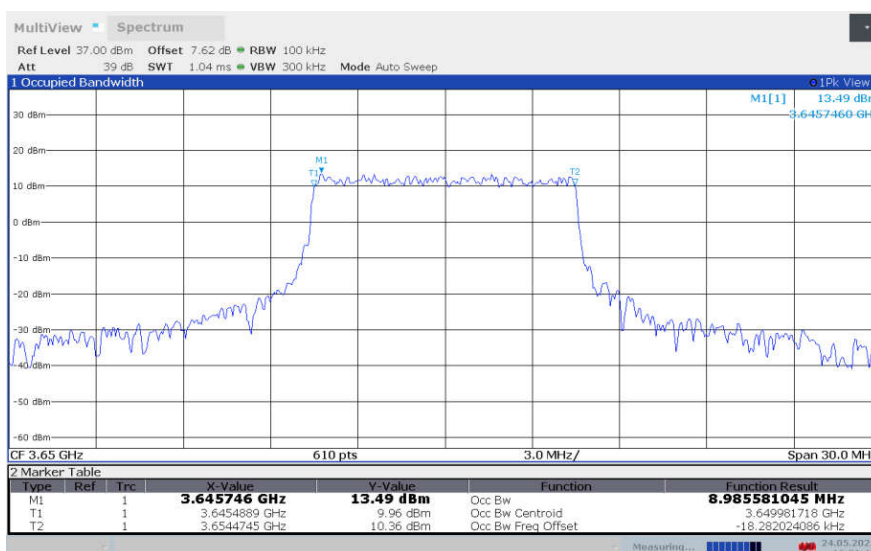
LTE band 43 , 10MHz Bandwidth,LOW,64QAM (99% BW)



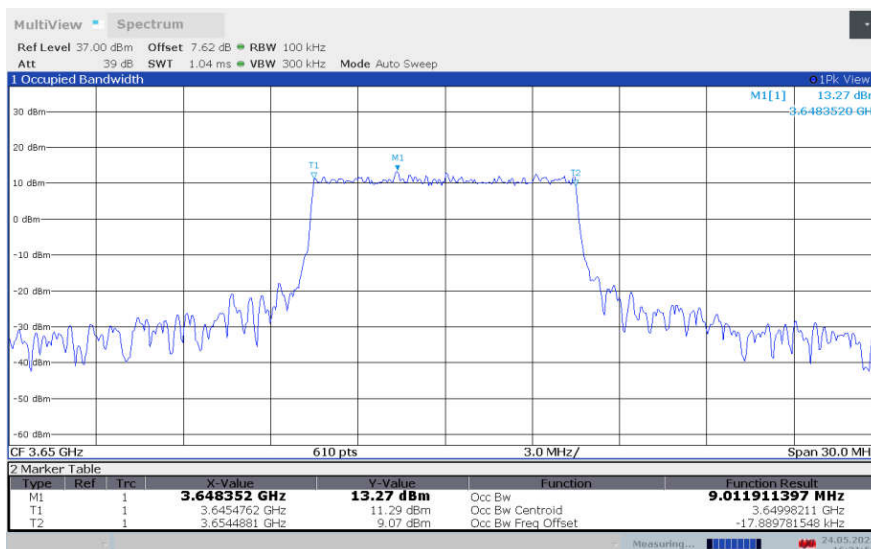
LTE band 43 , 10MHz Bandwidth,LOW,256QAM (99% BW)



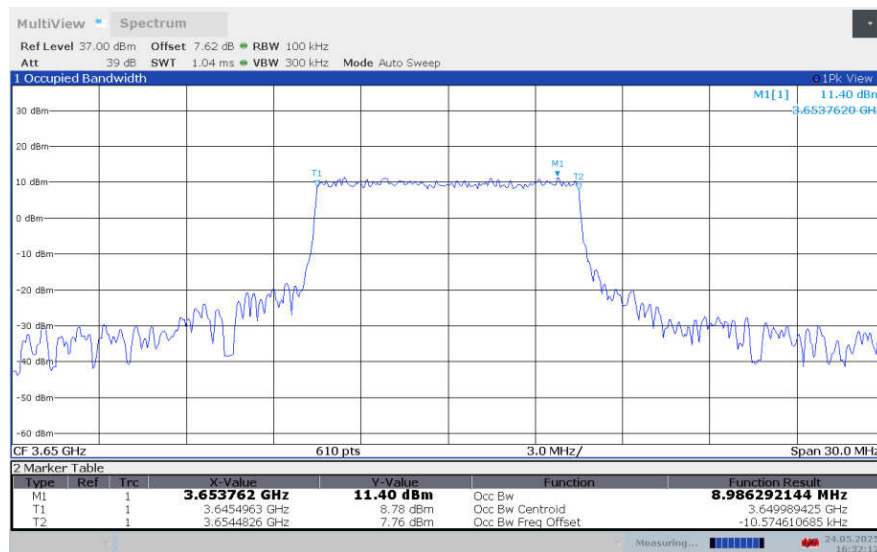
LTE band 43 , 10MHz Bandwidth,MID,QPSK (99% BW)



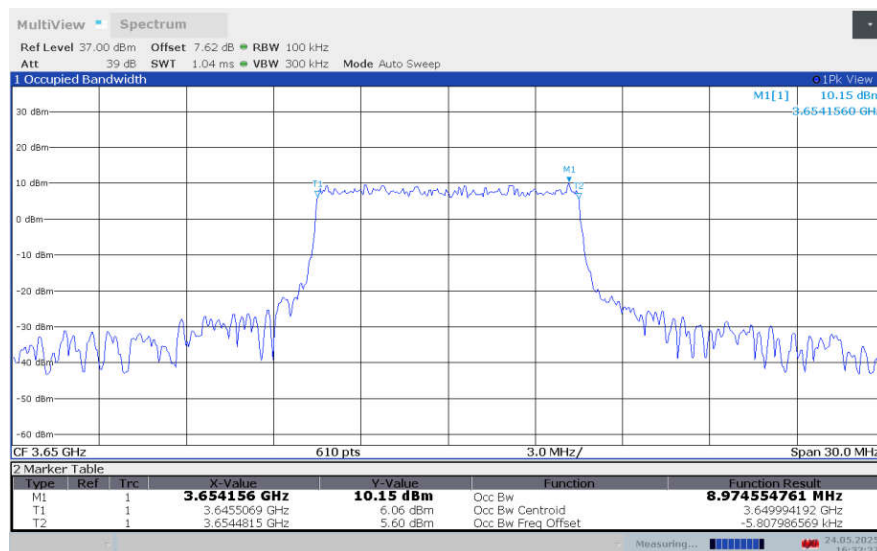
LTE band 43 , 10MHz Bandwidth,MID,16QAM (99% BW)



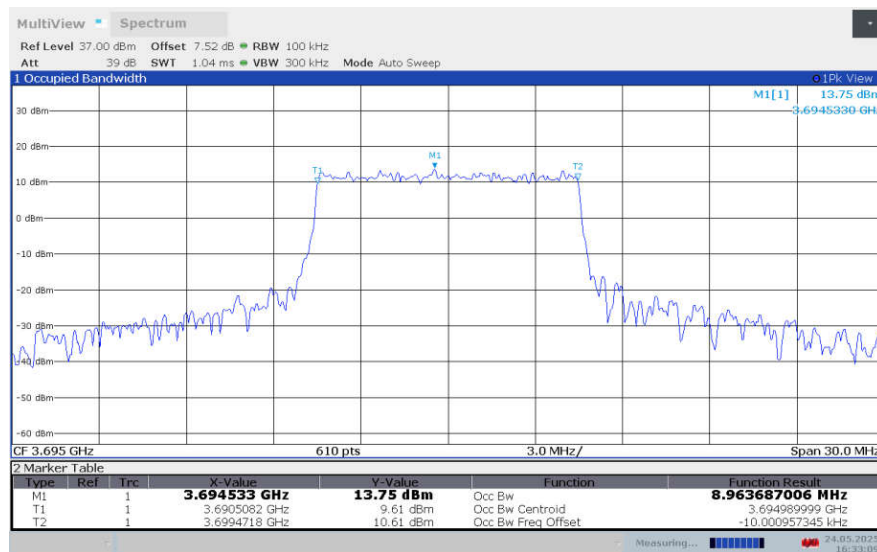
LTE band 43 , 10MHz Bandwidth,MID,64QAM (99% BW)



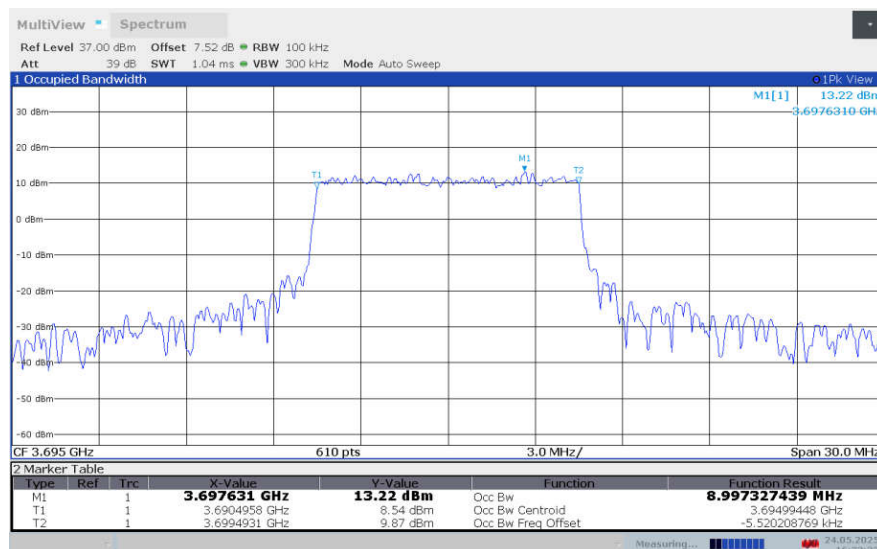
LTE band 43 , 10MHz Bandwidth,MID,256QAM (99% BW)



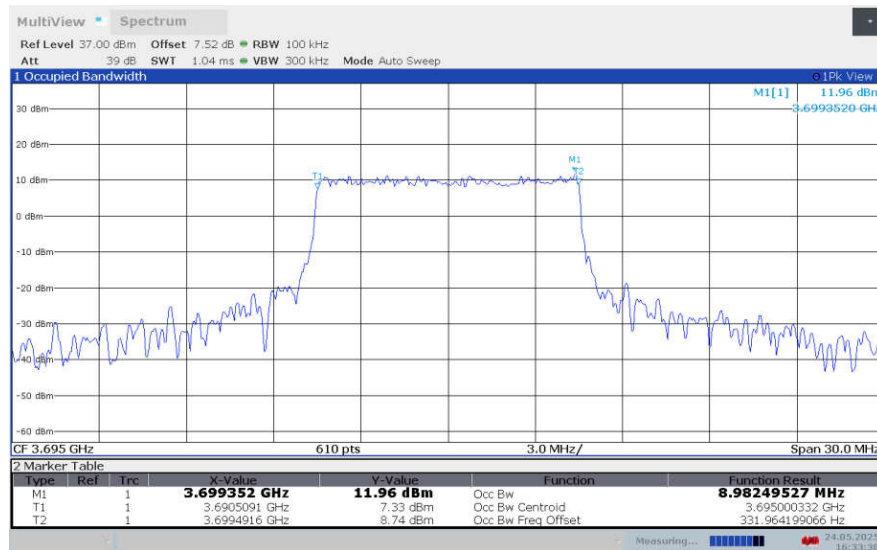
LTE band 43 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



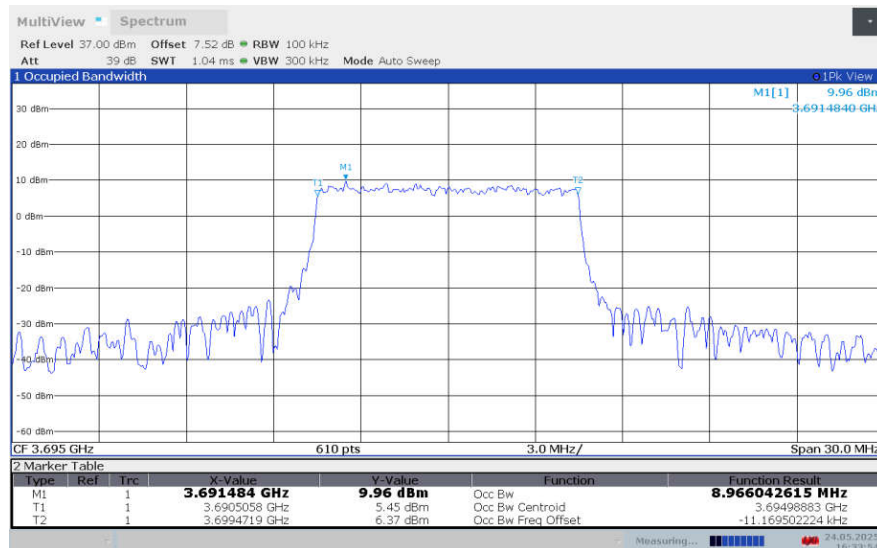
LTE band 43 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



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



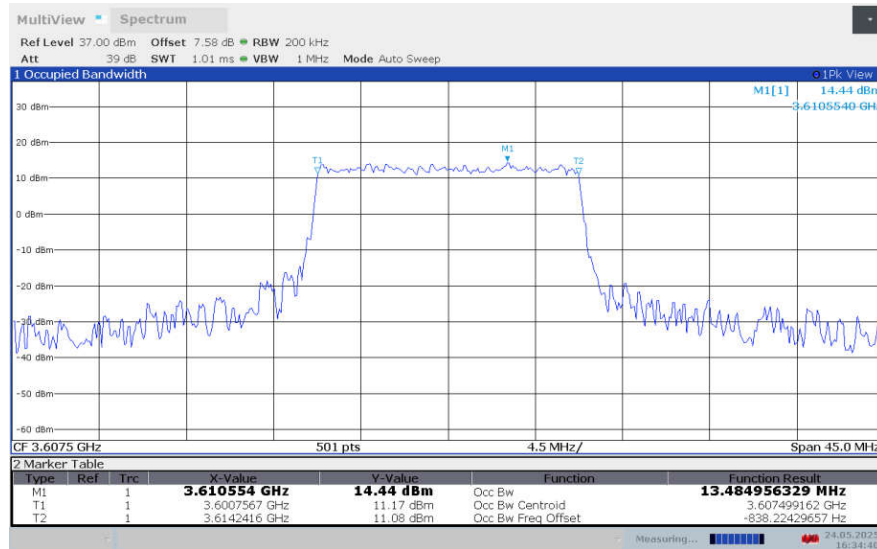
LTE band 43 , 10MHz Bandwidth,HIGH,256QAM (99% BW)



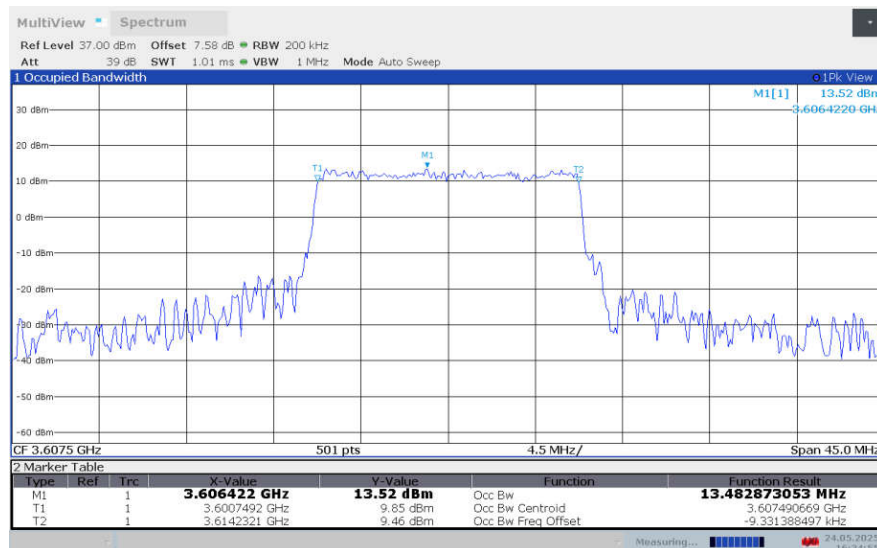
LTE band 43_Part96,15MHz(99%)

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

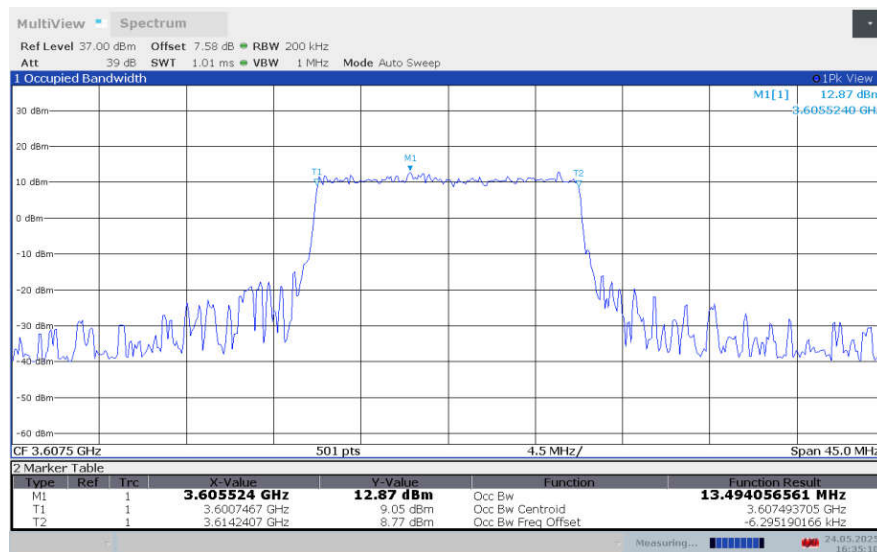
LTE band 43 , 15MHz Bandwidth,LOW,QPSK (99% BW)



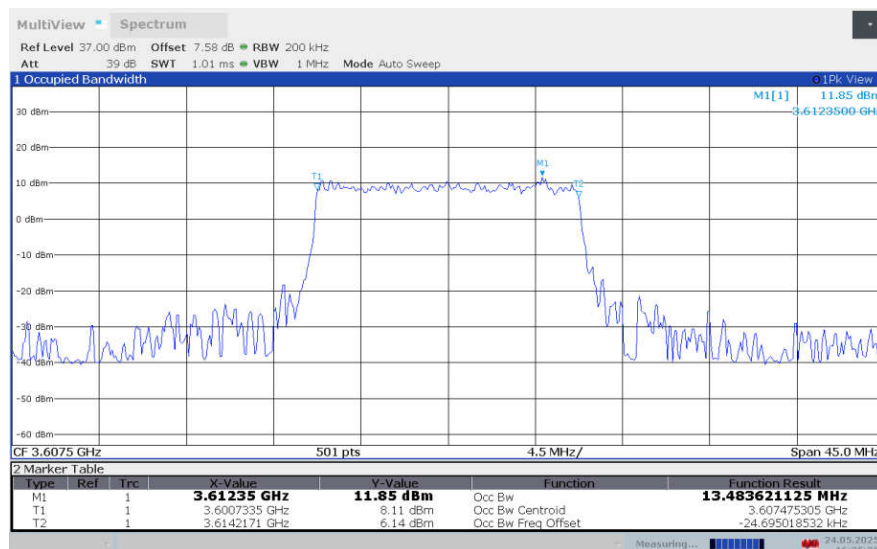
LTE band 43 , 15MHz Bandwidth,LOW,16QAM (99% BW)



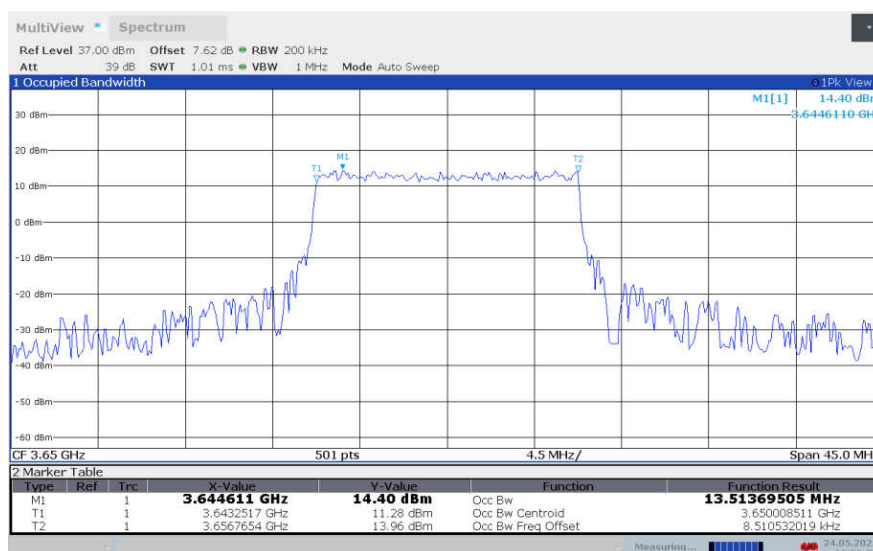
LTE band 43 , 15MHz Bandwidth,LOW,64QAM (99% BW)



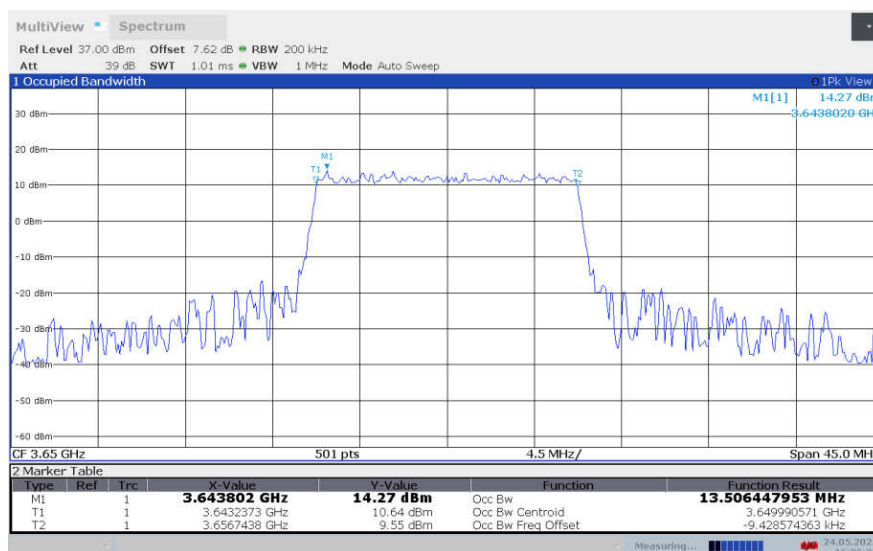
LTE band 43 , 15MHz Bandwidth,LOW,256QAM (99% BW)



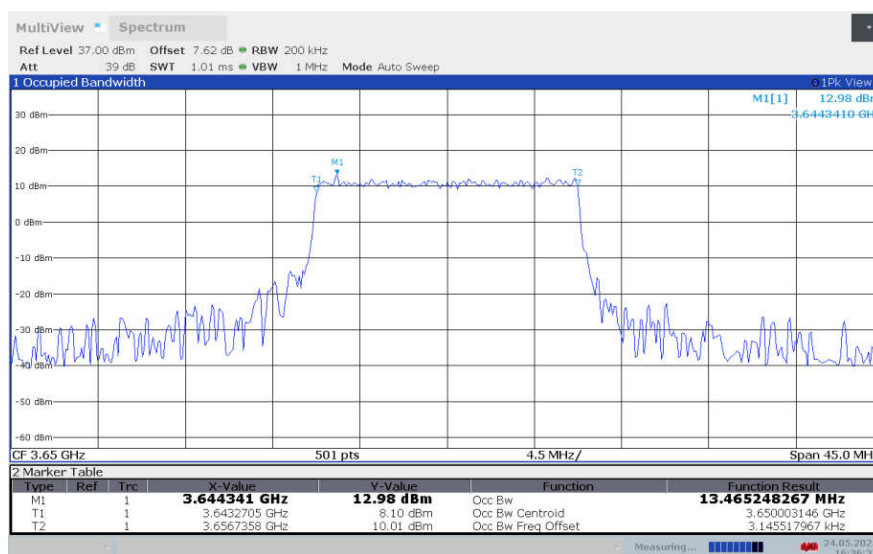
LTE band 43 , 15MHz Bandwidth,MID,QPSK (99% BW)



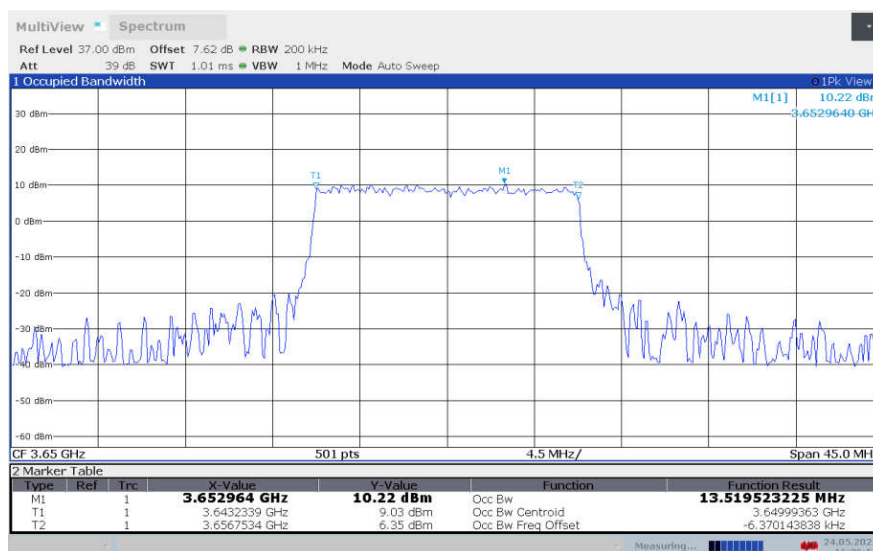
LTE band 43 , 15MHz Bandwidth,MID,16QAM (99% BW)



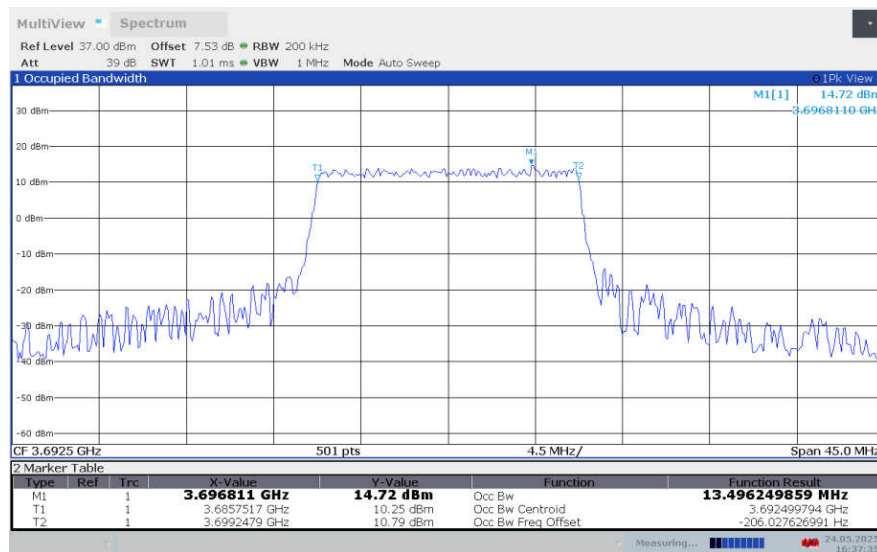
LTE band 43 , 15MHz Bandwidth,MID,64QAM (99% BW)



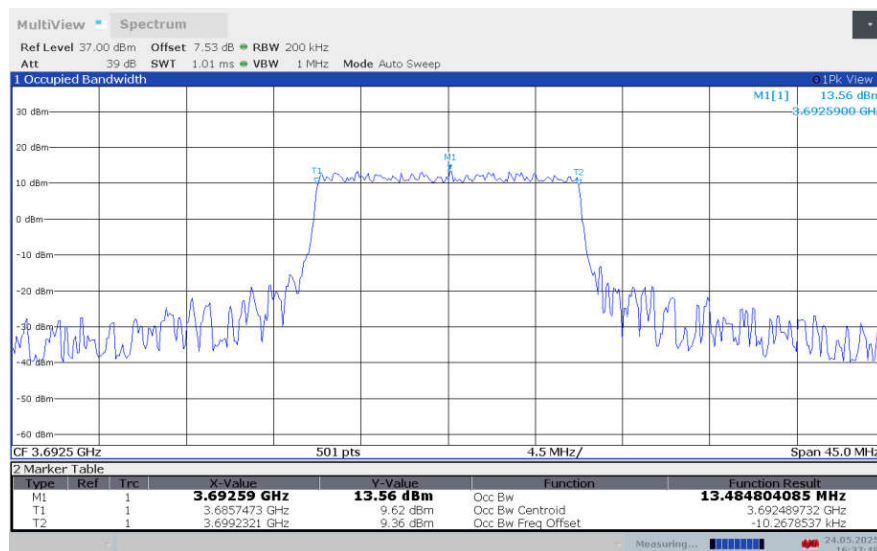
LTE band 43 , 15MHz Bandwidth,MID,256QAM (99% BW)



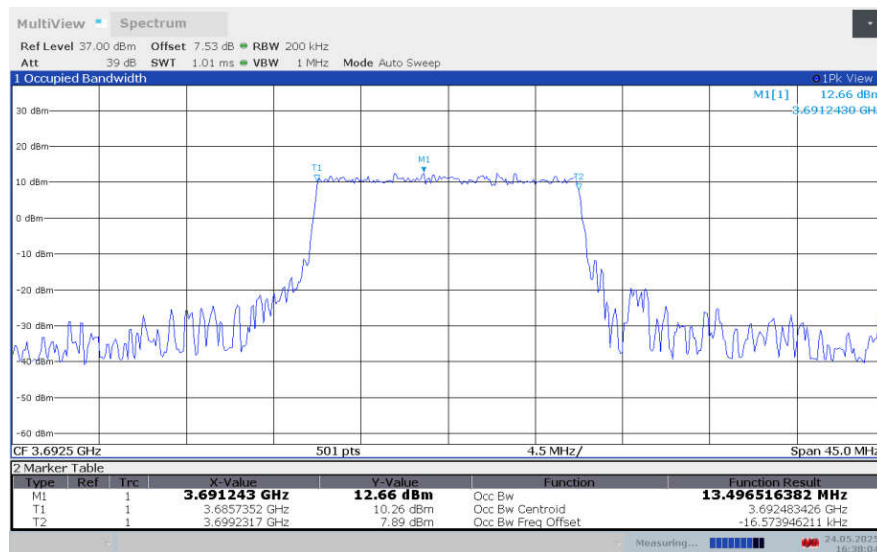
LTE band 43 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



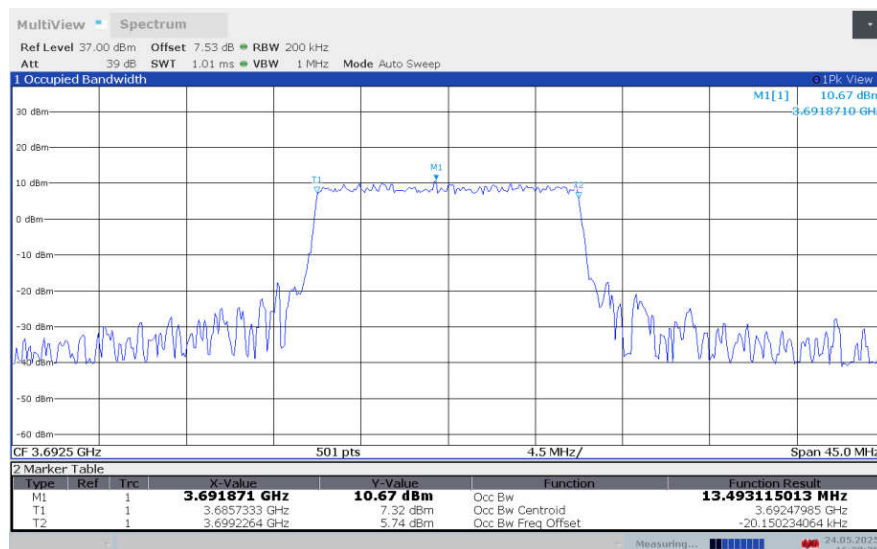
LTE band 43 , 15MHz Bandwidth,HIGH,16QAM (99% BW)



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



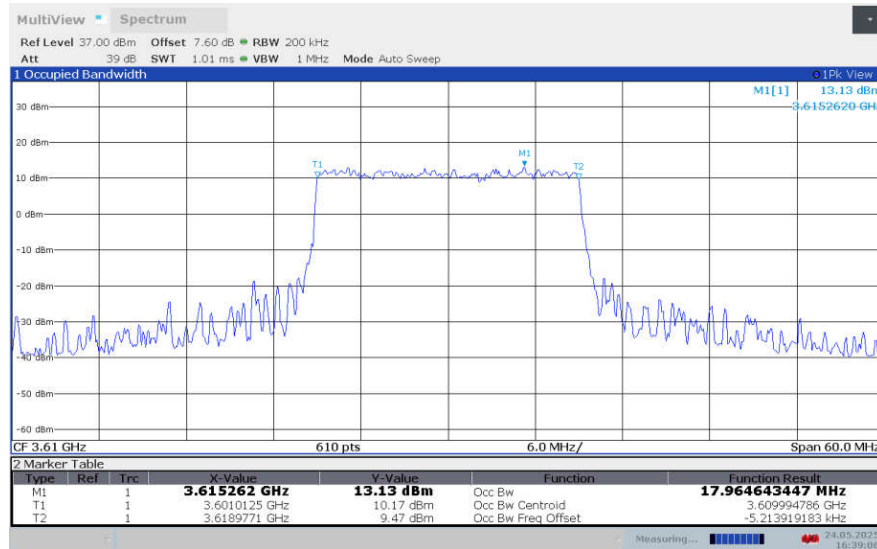
LTE band 43 , 15MHz Bandwidth,HIGH,256QAM (99% BW)



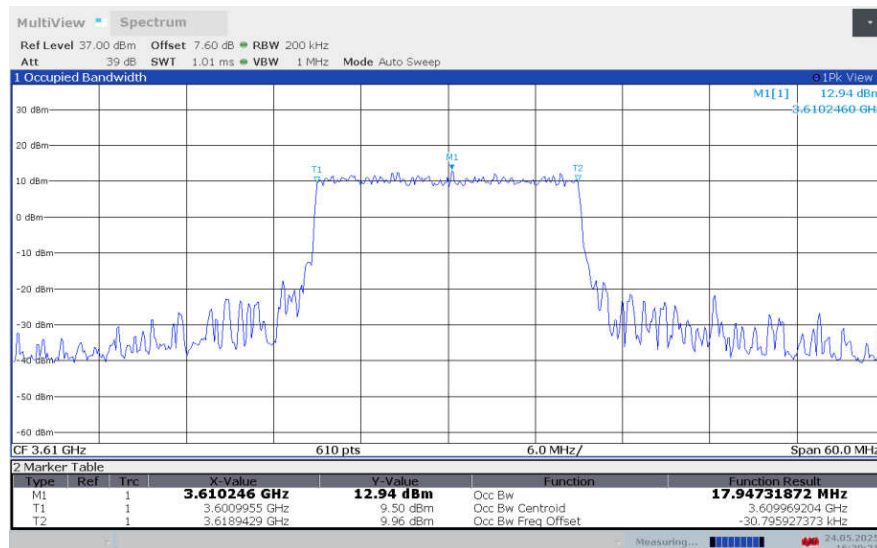
LTE band 43_Part96,20MHz(99%)

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

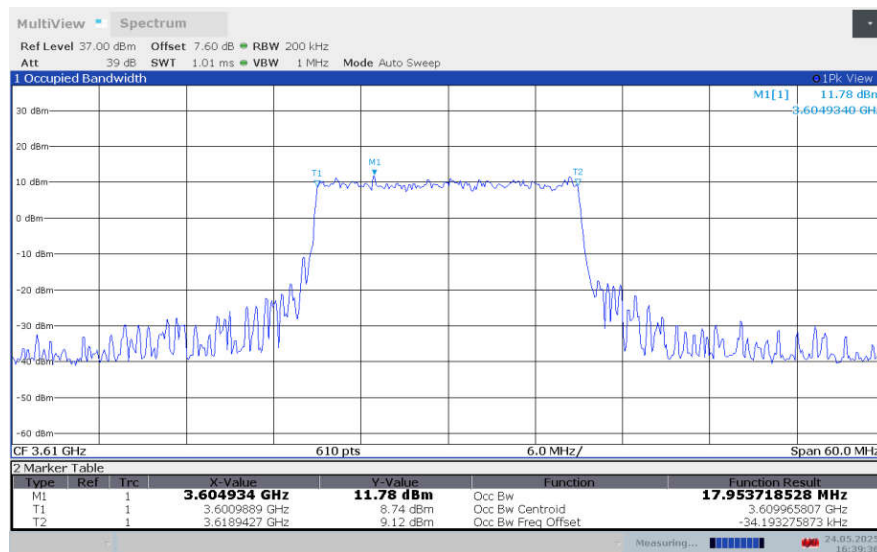
LTE band 43 , 20MHz Bandwidth,LOW,QPSK (99% BW)



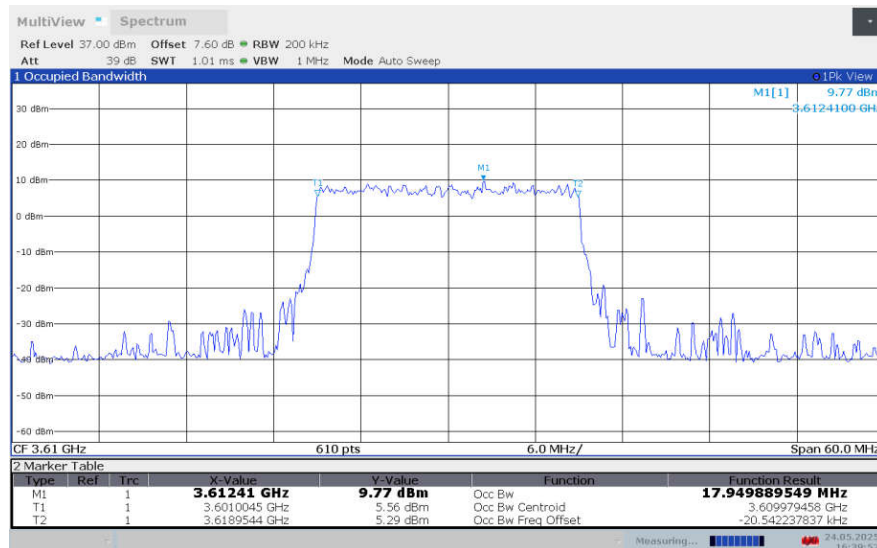
LTE band 43 , 20MHz Bandwidth,LOW,16QAM (99% BW)



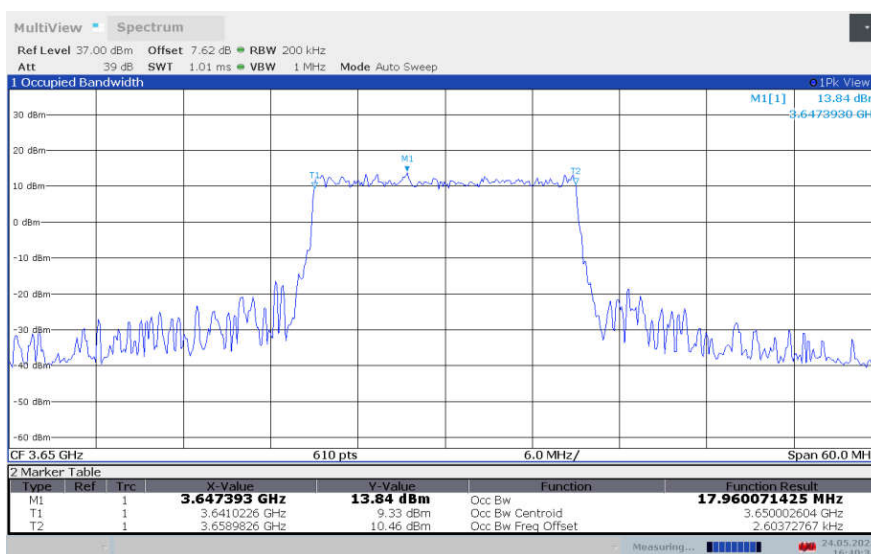
LTE band 43 , 20MHz Bandwidth,LOW,64QAM (99% BW)



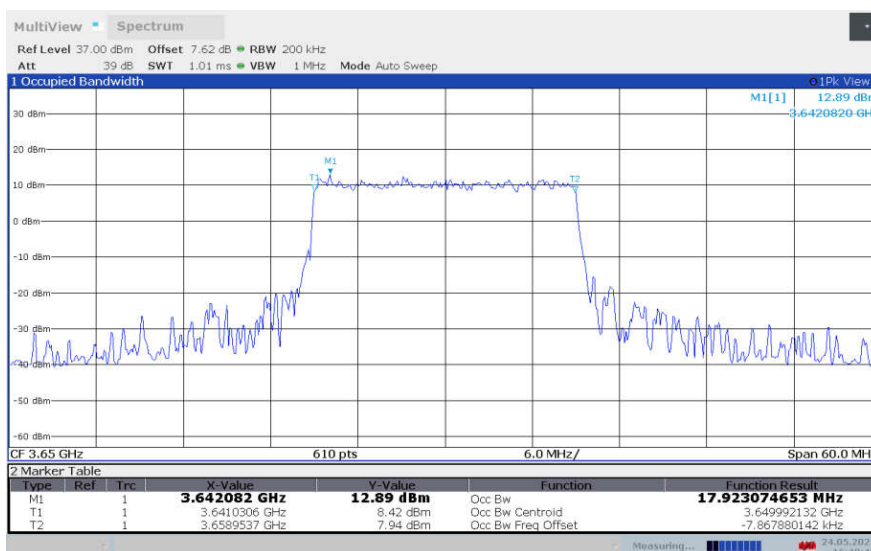
LTE band 43 , 20MHz Bandwidth,LOW,256QAM (99% BW)



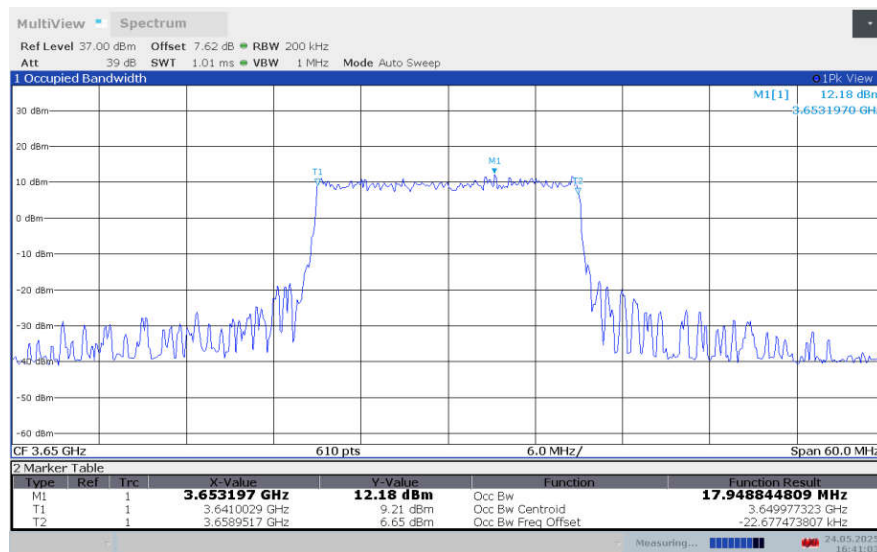
LTE band 43 , 20MHz Bandwidth,MID,QPSK (99% BW)



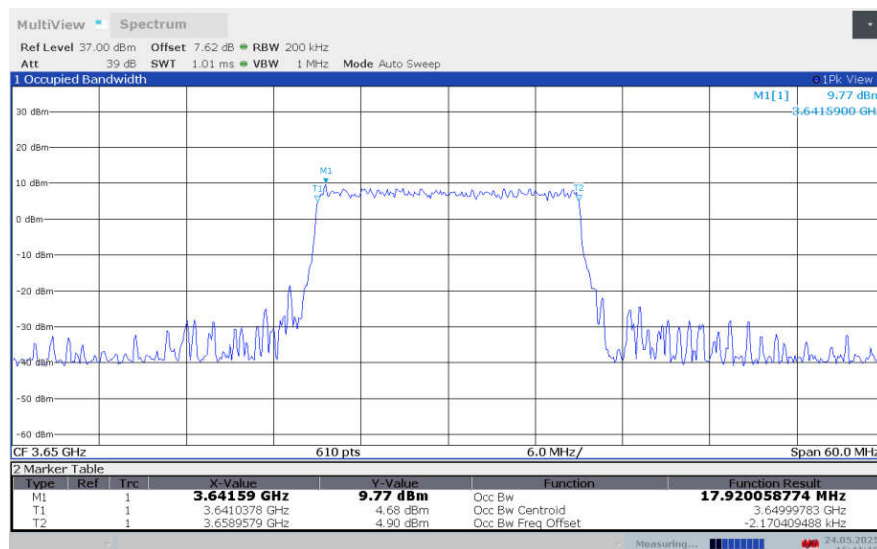
LTE band 43 , 20MHz Bandwidth,MID,16QAM (99% BW)



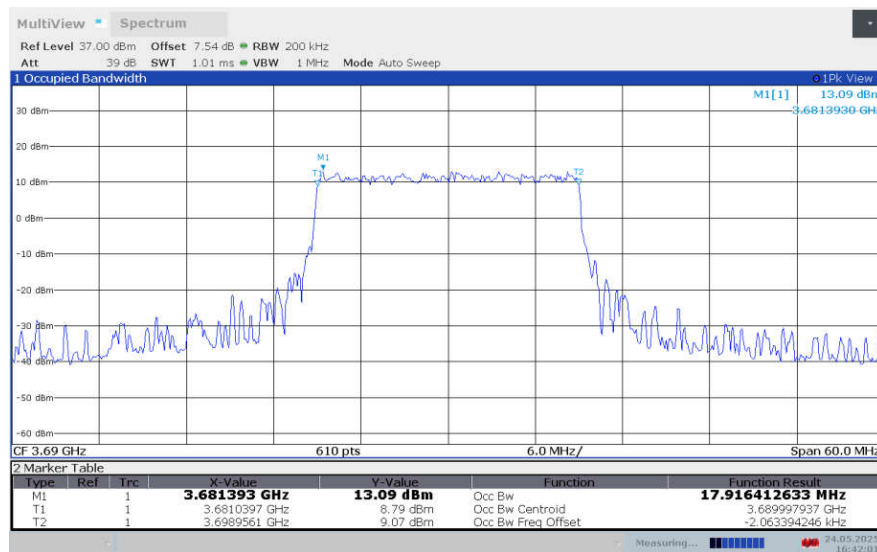
LTE band 43 , 20MHz Bandwidth,MID,64QAM (99% BW)



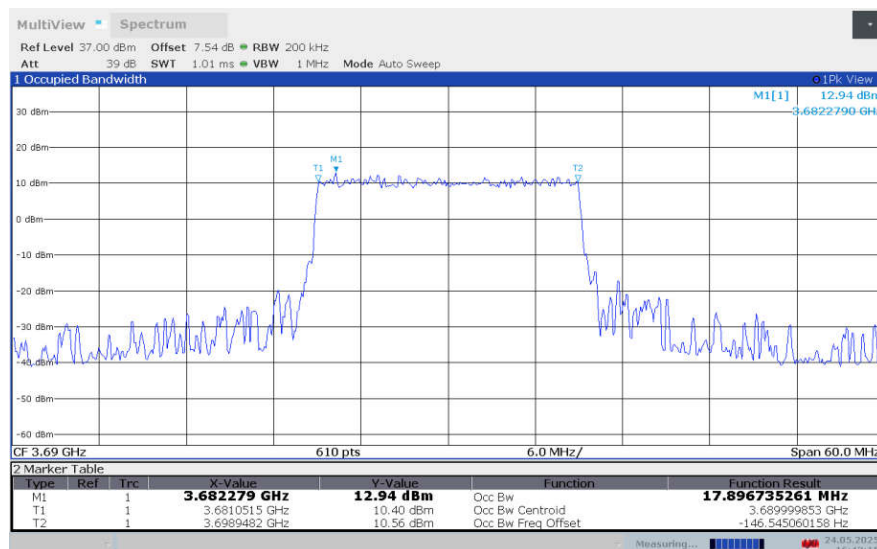
LTE band 43 , 20MHz Bandwidth,MID,256QAM (99% BW)



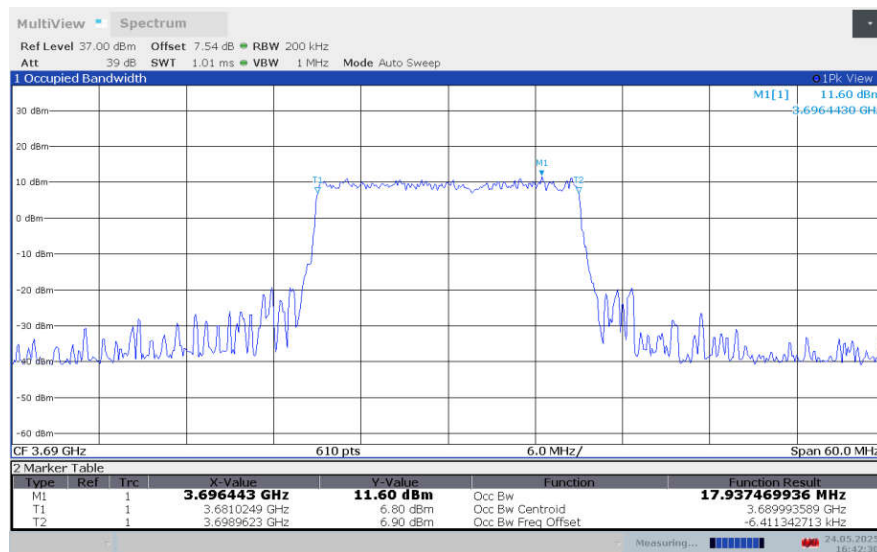
LTE band 43 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



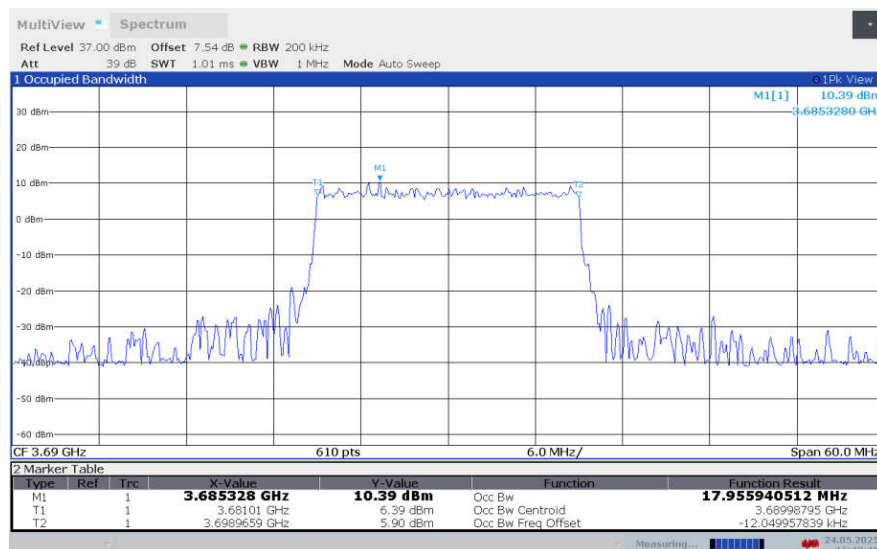
LTE band 43 , 20MHz Bandwidth,HIGH,16QAM (99% BW)



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



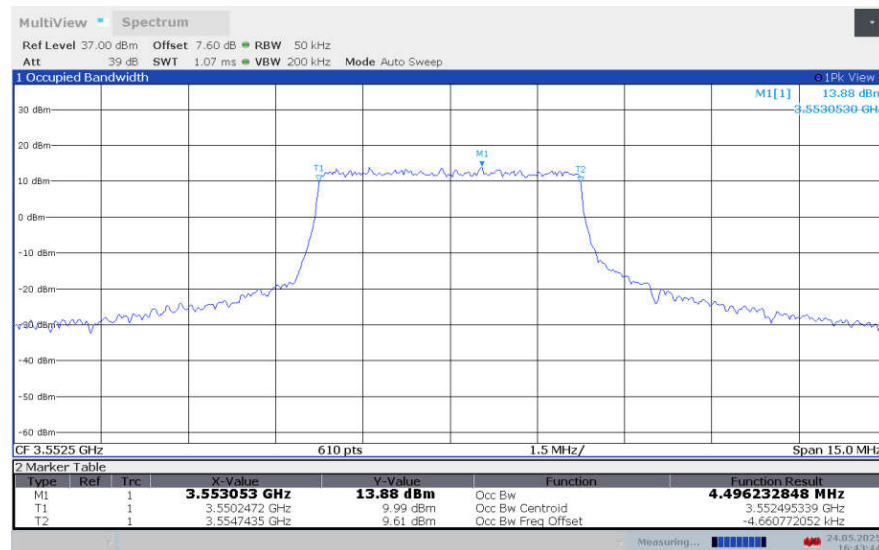
LTE band 43 , 20MHz Bandwidth,HIGH,256QAM (99% BW)



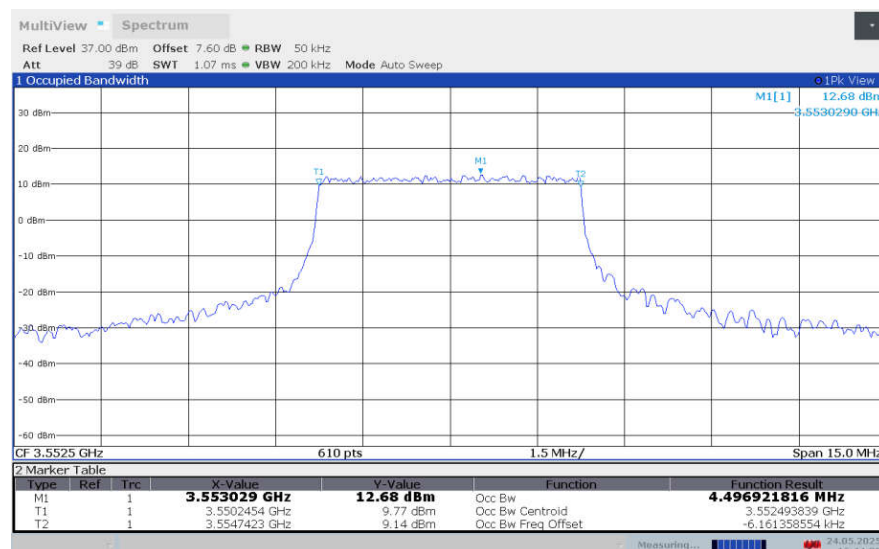
LTE band 48,5MHz(99%)

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

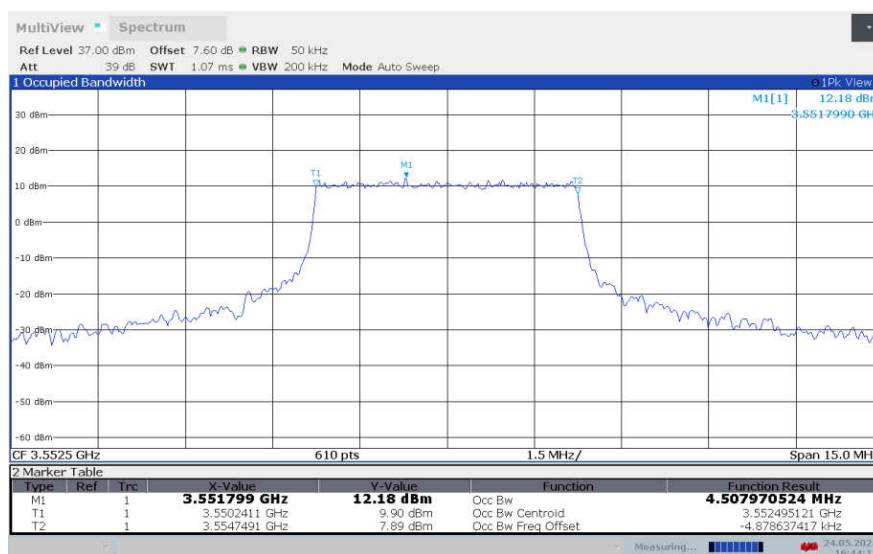
LTE band 48 , 5MHz Bandwidth,LOW,QPSK (99% BW)



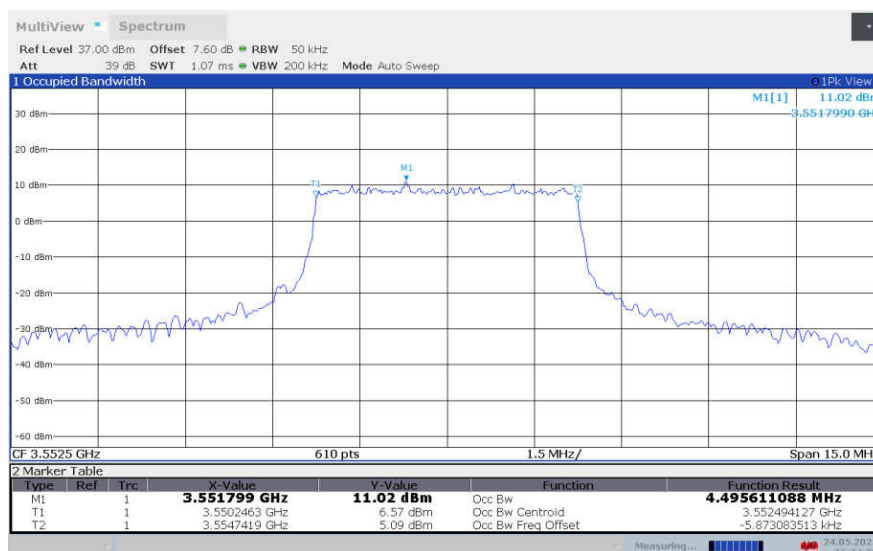
LTE band 48 , 5MHz Bandwidth,LOW,16QAM (99% BW)



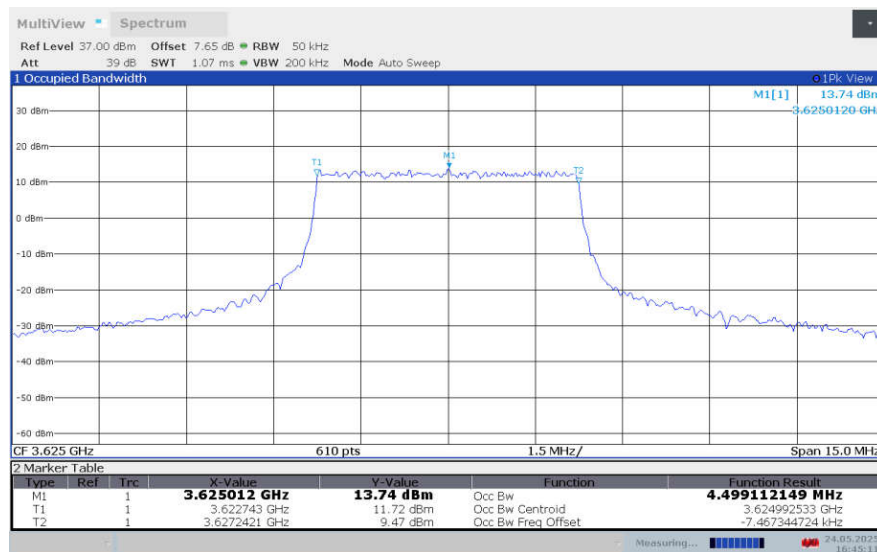
LTE band 48 , 5MHz Bandwidth,LOW,64QAM (99% BW)



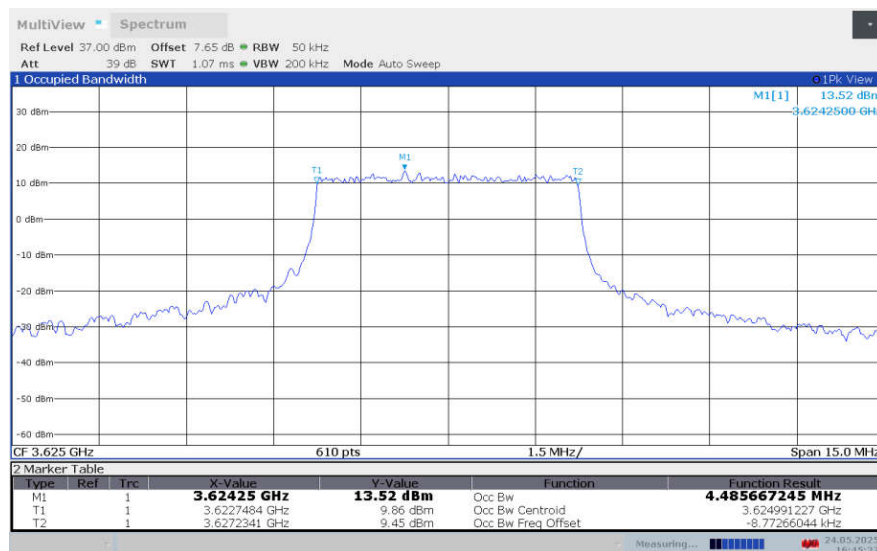
LTE band 48 , 5MHz Bandwidth,LOW,256QAM (99% BW)



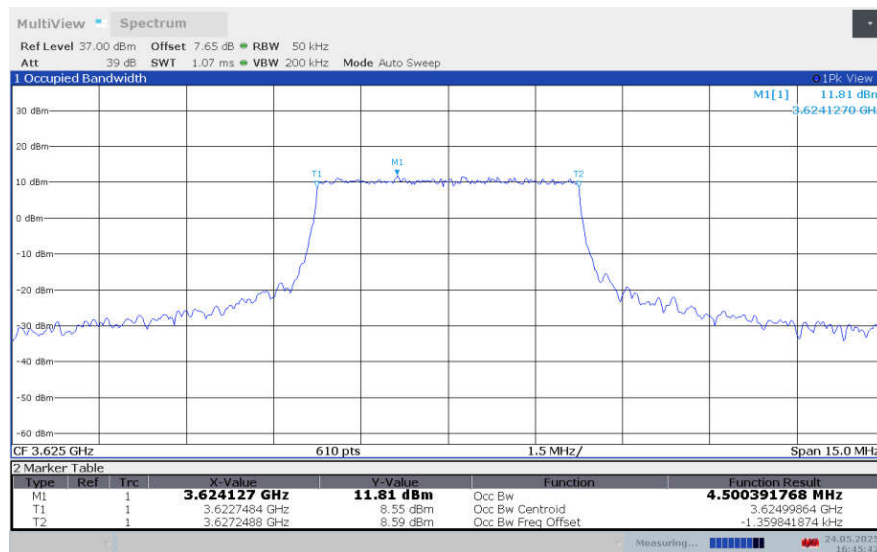
LTE band 48 , 5MHz Bandwidth,MID,QPSK (99% BW)



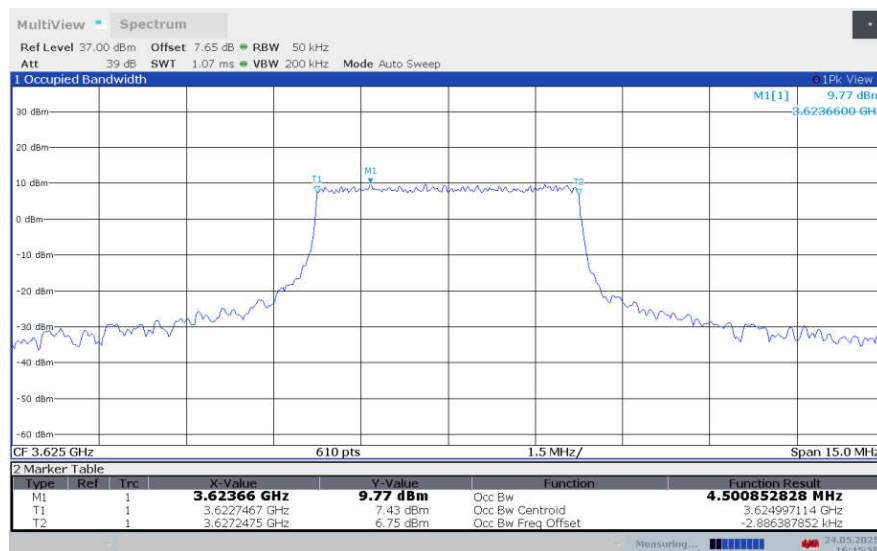
LTE band 48 , 5MHz Bandwidth,MID,16QAM (99% BW)



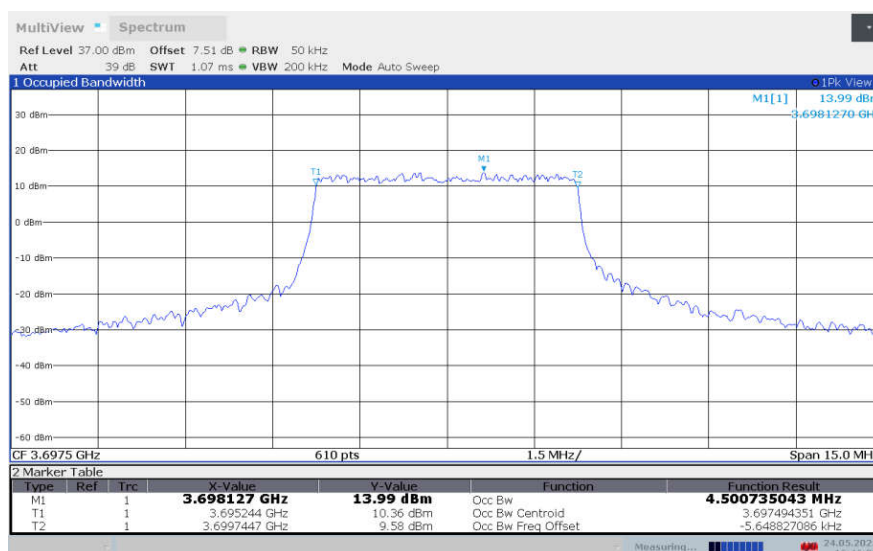
LTE band 48 , 5MHz Bandwidth,MID,64QAM (99% BW)



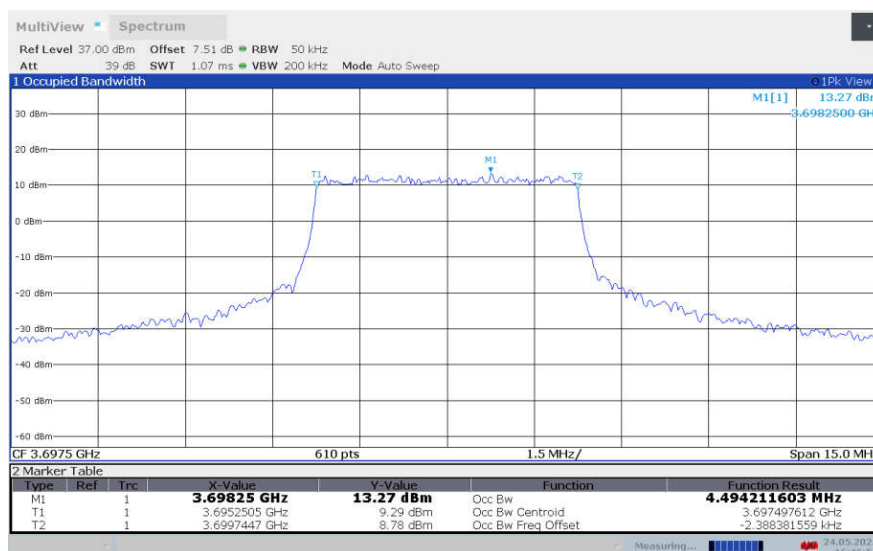
LTE band 48 , 5MHz Bandwidth,MID,256QAM (99% BW)



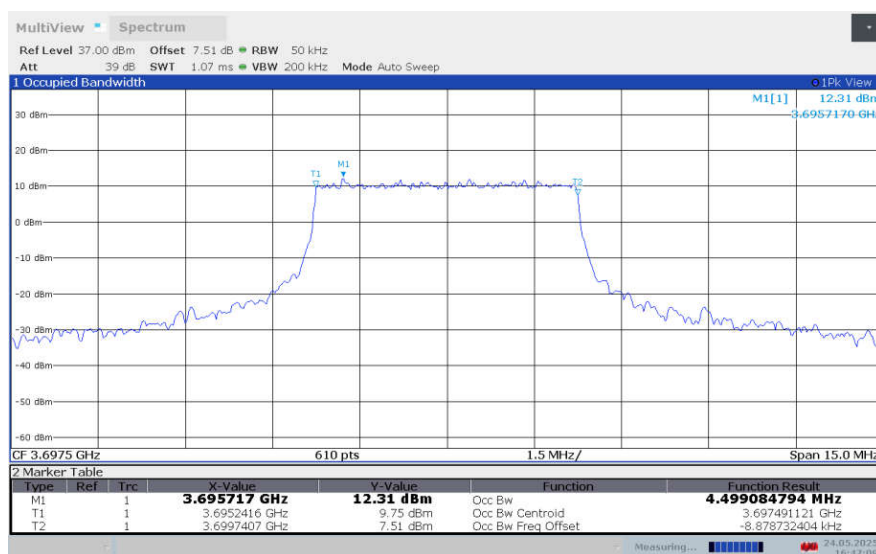
LTE band 48 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



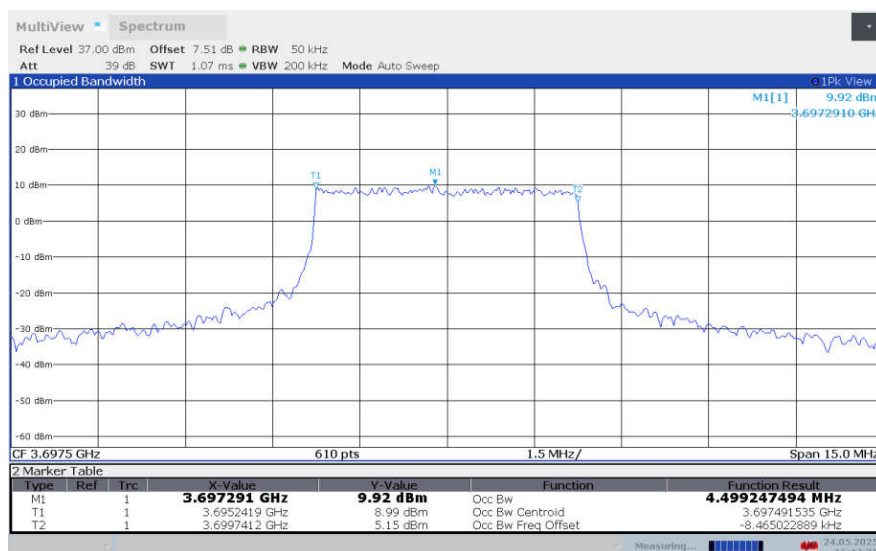
LTE band 48 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



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



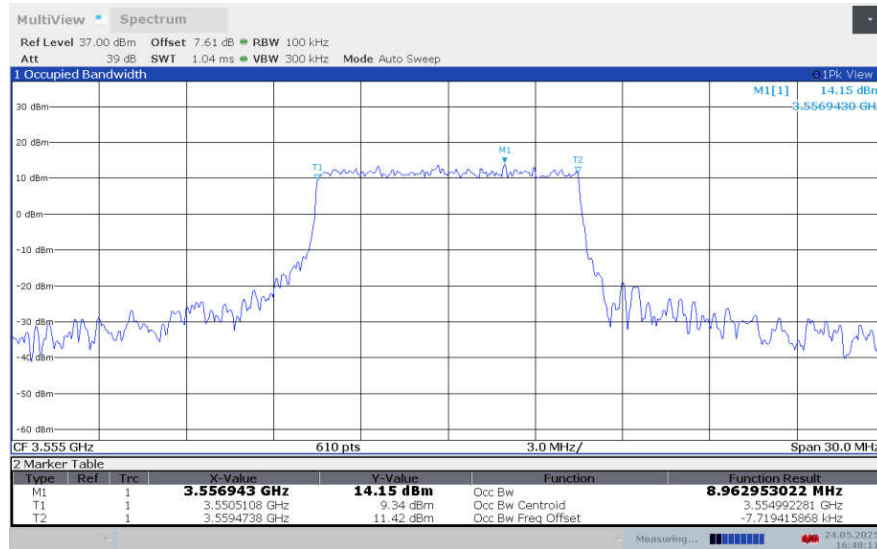
LTE band 48 , 5MHz Bandwidth,HIGH,256QAM (99% BW)



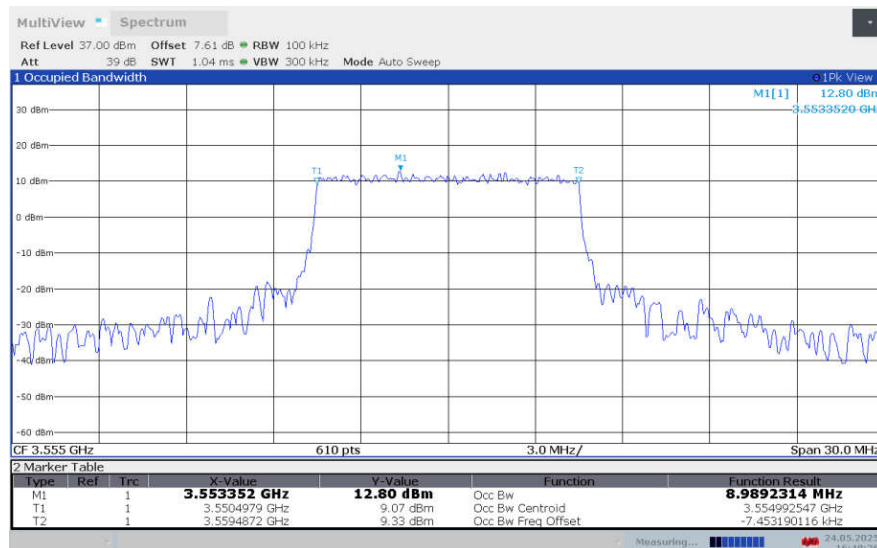
LTE band 48,10MHz(99%)

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

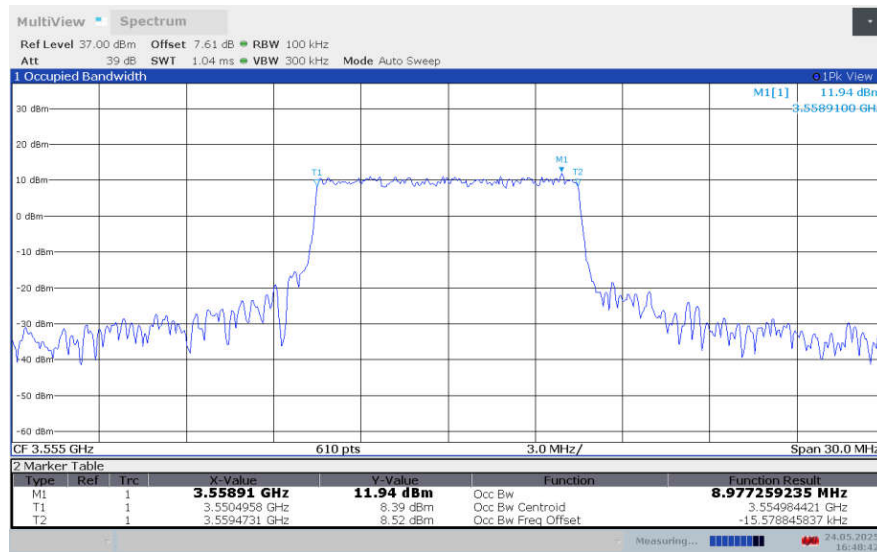
LTE band 48 , 10MHz Bandwidth,LOW,QPSK (99% BW)



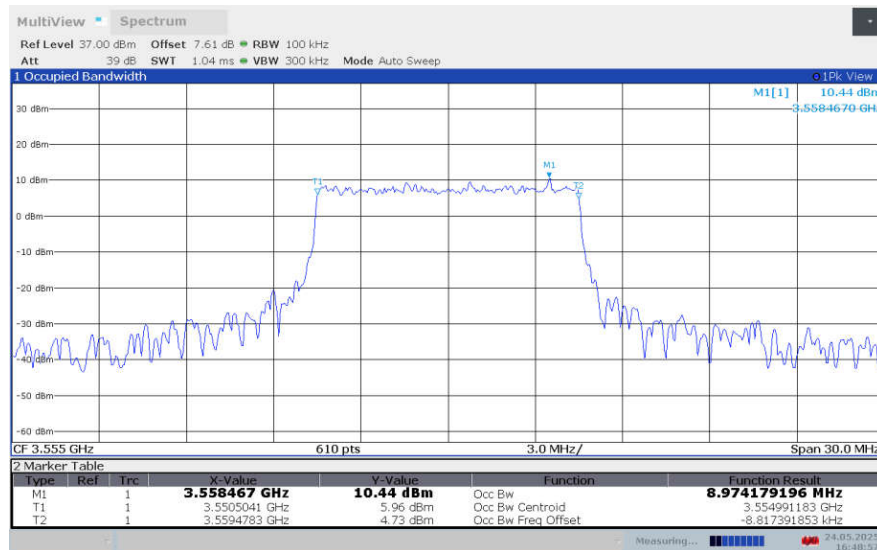
LTE band 48 , 10MHz Bandwidth,LOW,16QAM (99% BW)



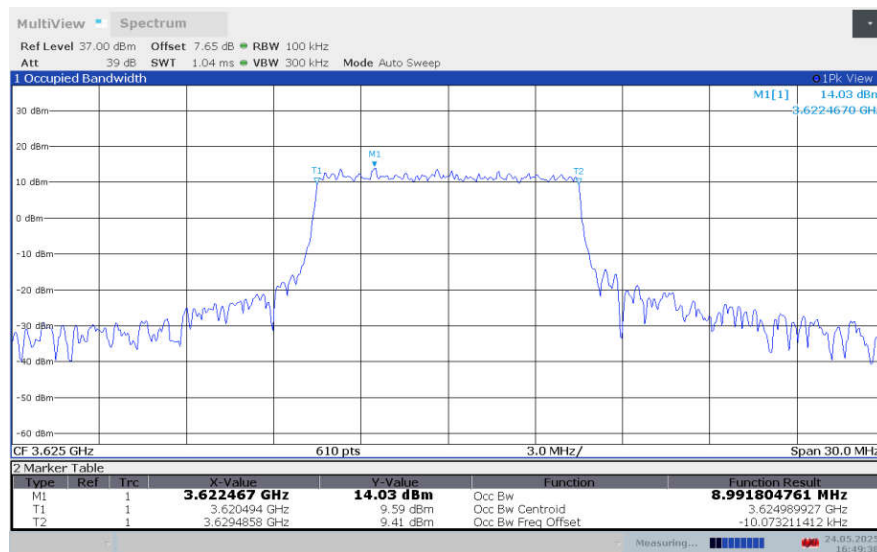
LTE band 48 , 10MHz Bandwidth,LOW,64QAM (99% BW)



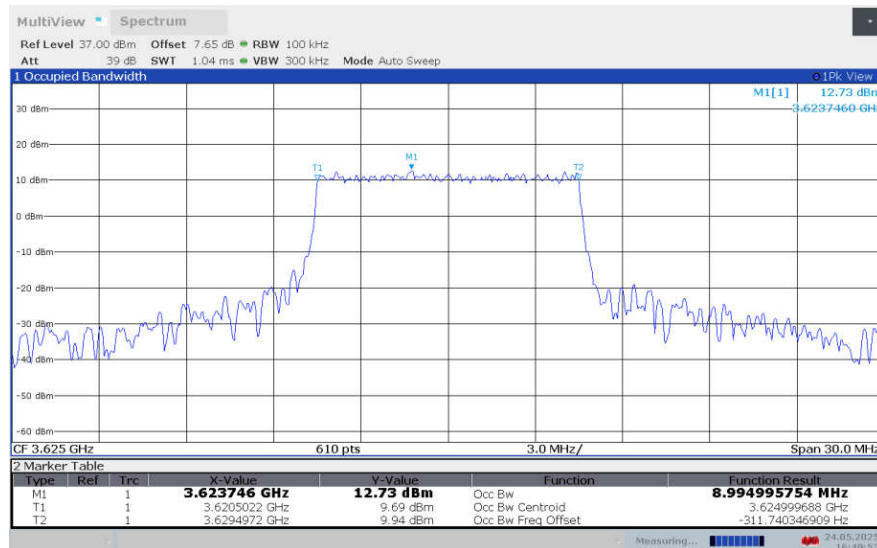
LTE band 48 , 10MHz Bandwidth,LOW,256QAM (99% BW)



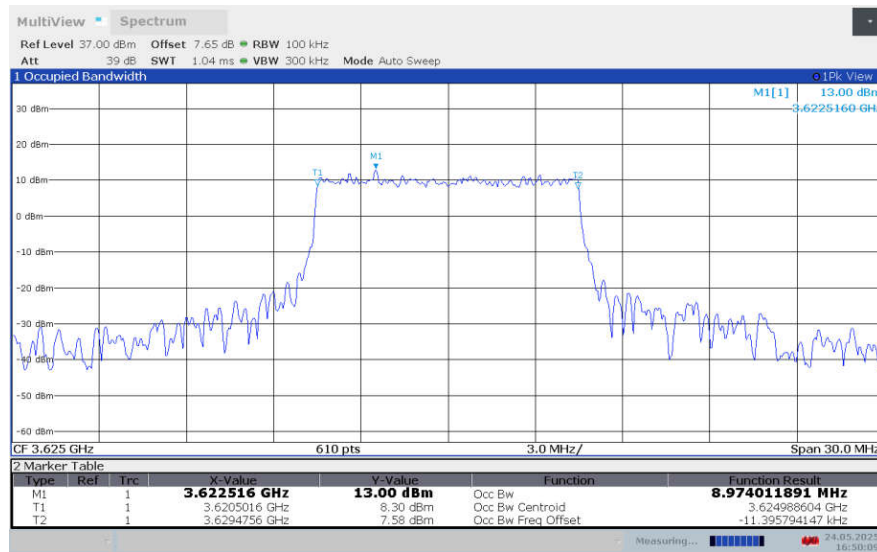
LTE band 48 , 10MHz Bandwidth,MID,QPSK (99% BW)



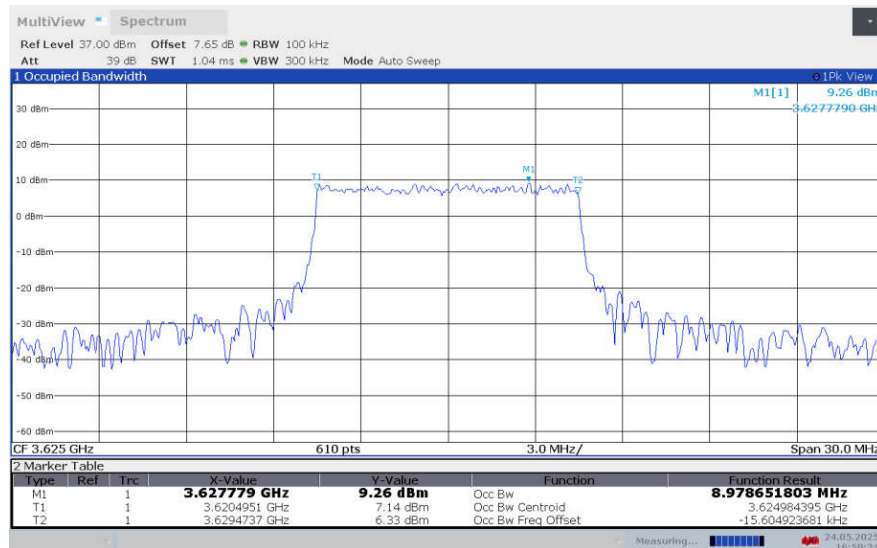
LTE band 48 , 10MHz Bandwidth,MID,16QAM (99% BW)



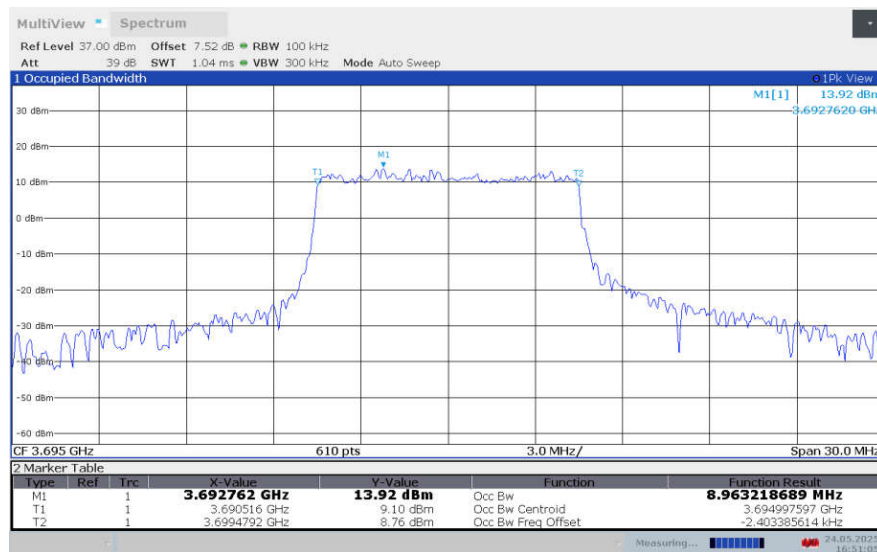
LTE band 48 , 10MHz Bandwidth,MID,64QAM (99% BW)



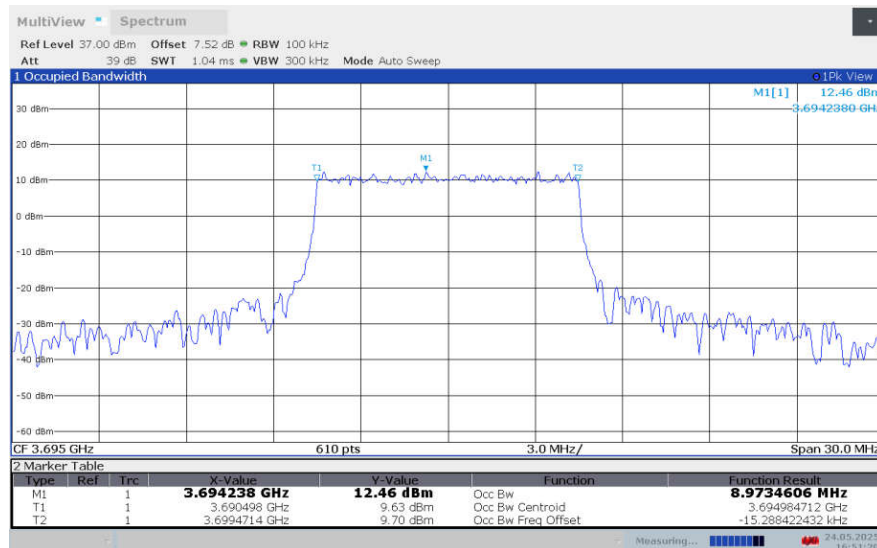
LTE band 48 , 10MHz Bandwidth,MID,256QAM (99% BW)



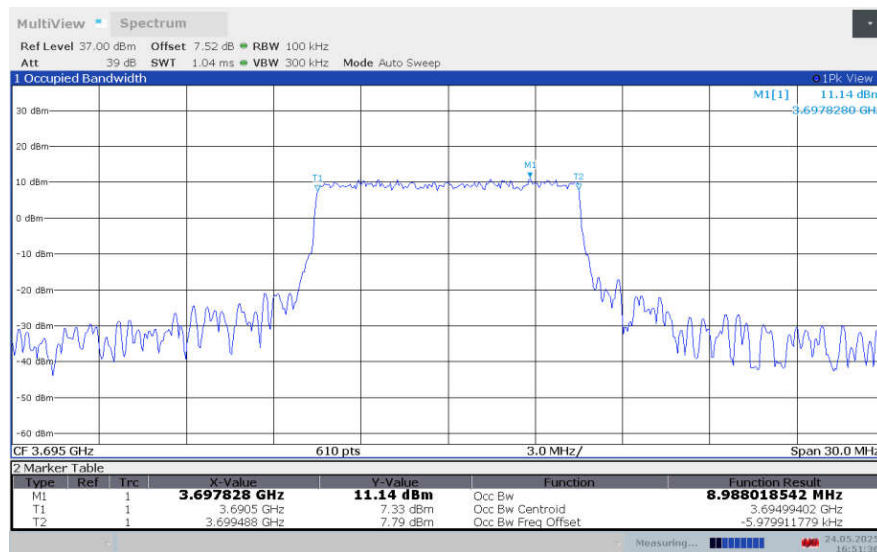
LTE band 48 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



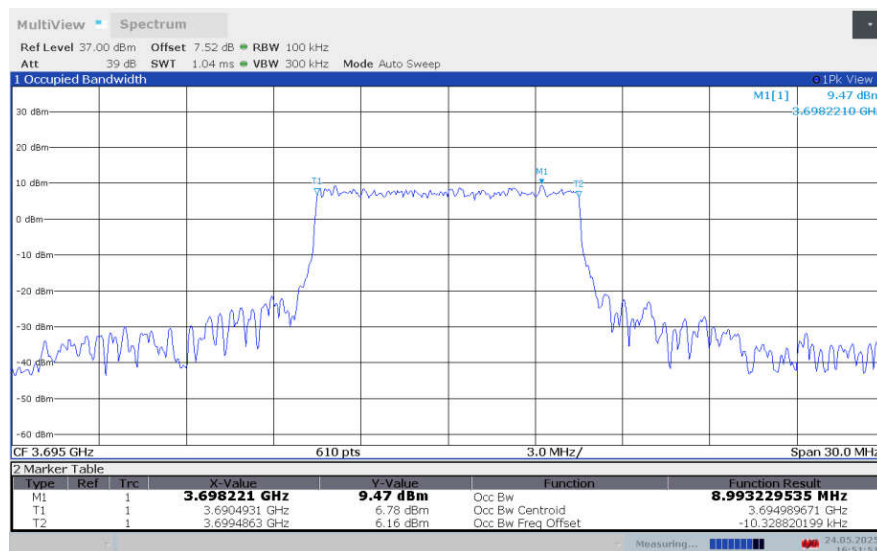
LTE band 48 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



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



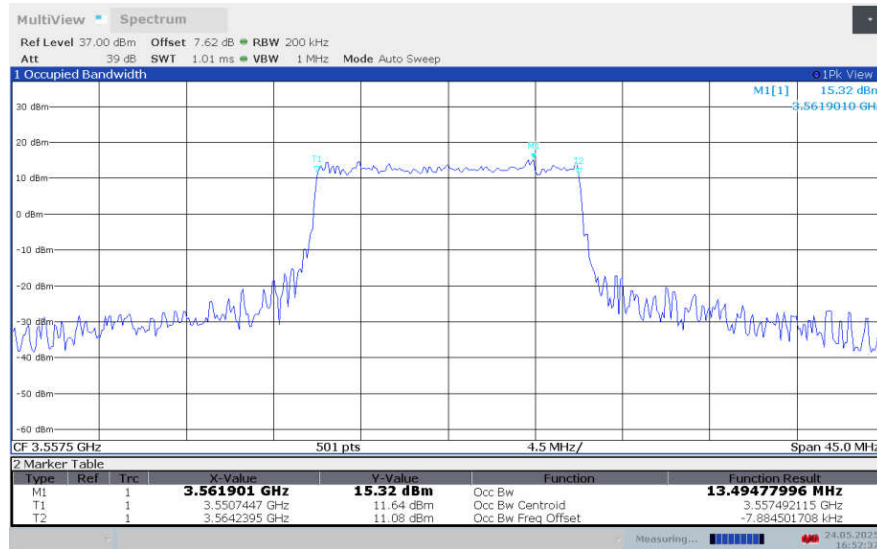
LTE band 48 , 10MHz Bandwidth,HIGH,256QAM (99% BW)



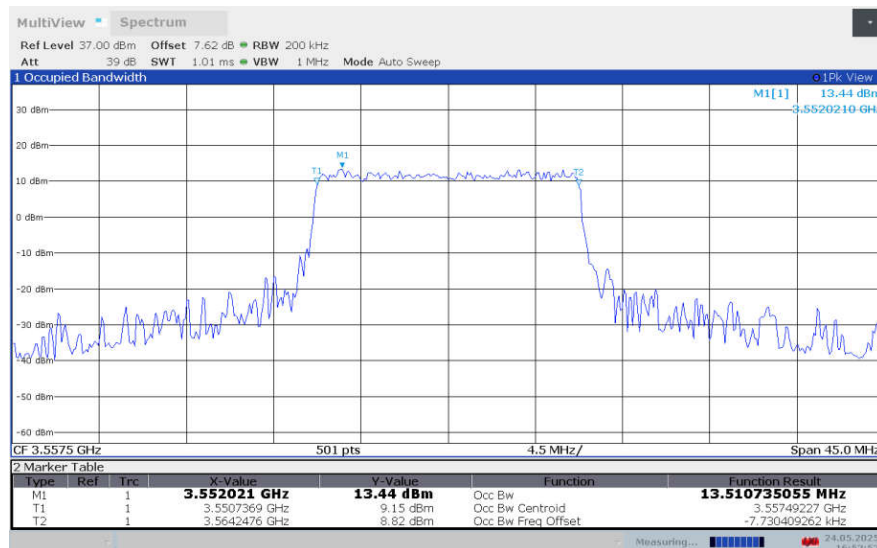
LTE band 48,15MHz(99%)

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

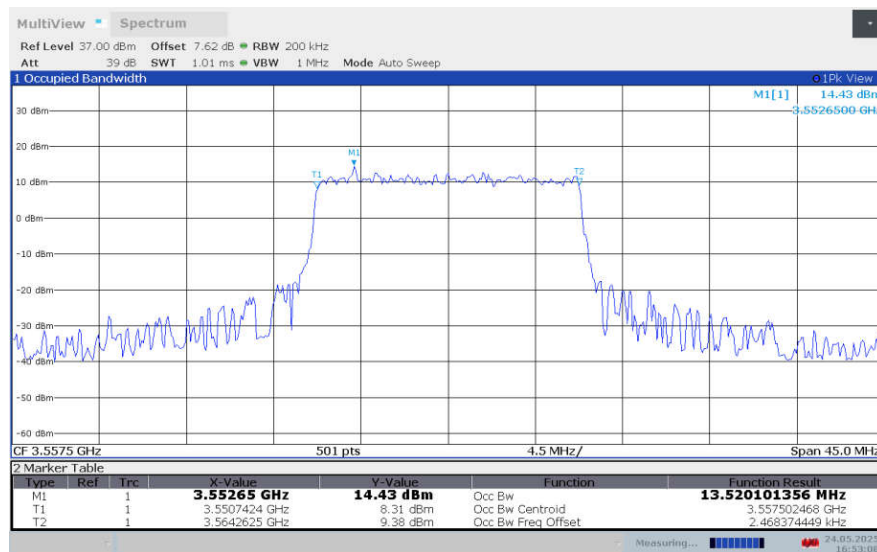
LTE band 48 , 15MHz Bandwidth,LOW,QPSK (99% BW)



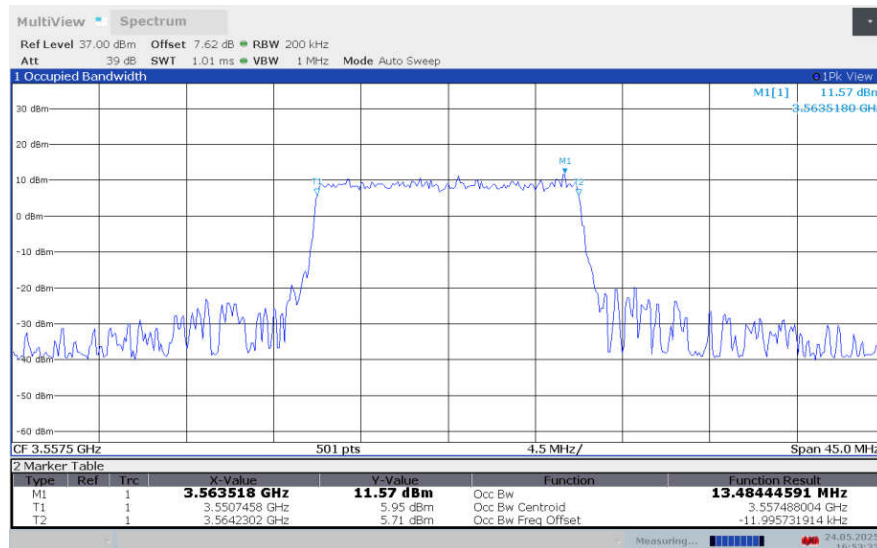
LTE band 48 , 15MHz Bandwidth,LOW,16QAM (99% BW)



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)