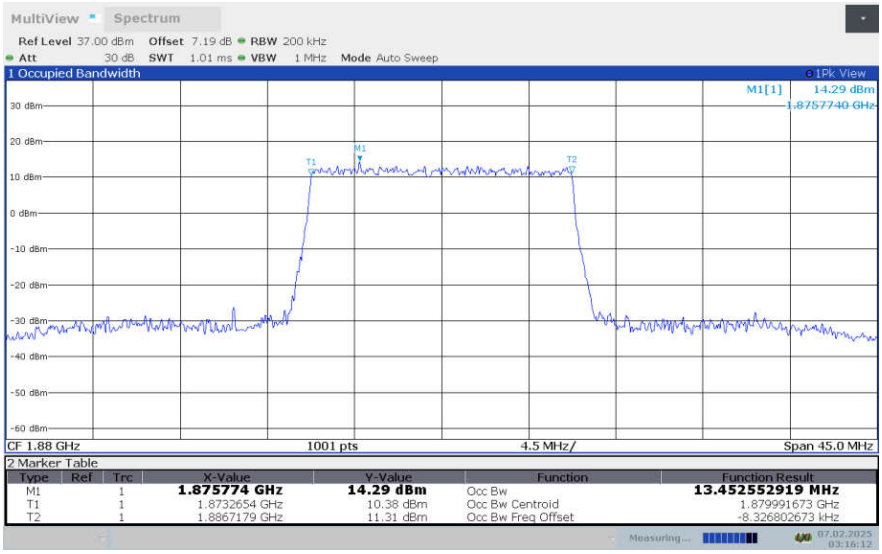
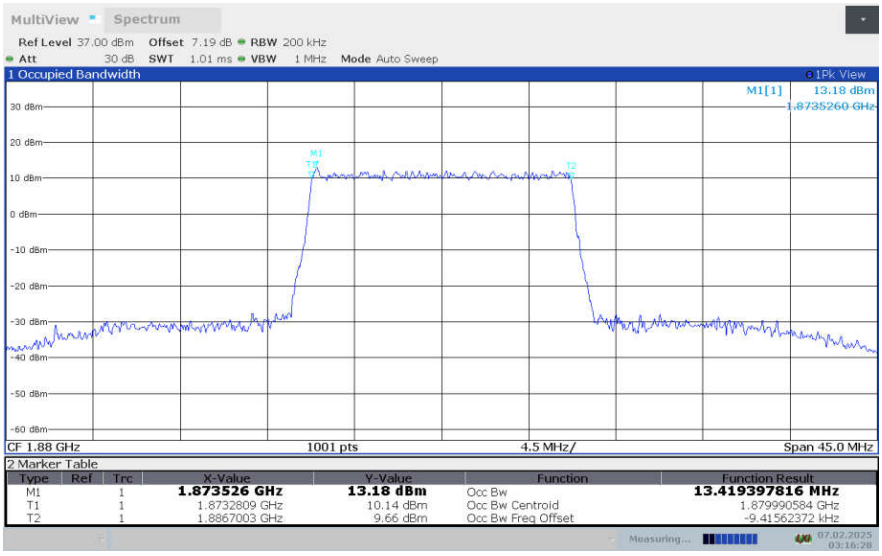
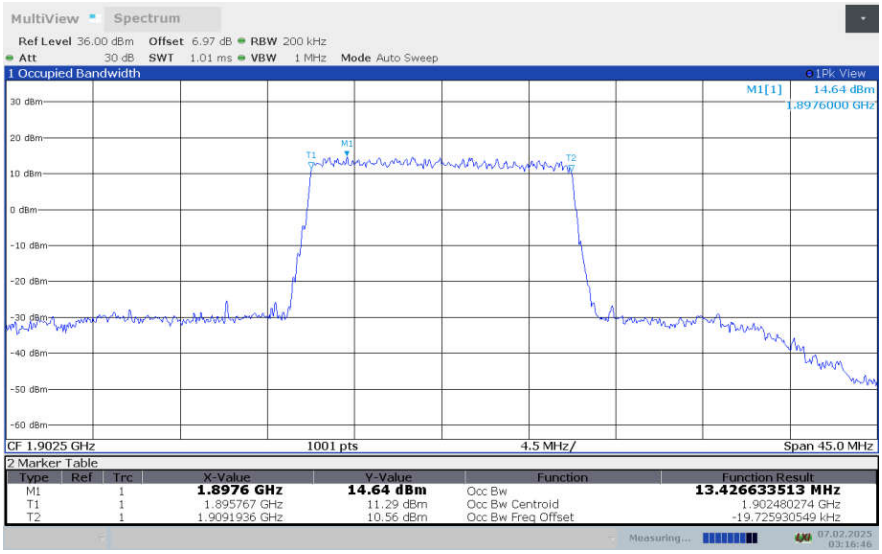


LTE Band 2 , 15MHz Bandwidth,MID,64QAM (99% OBW)

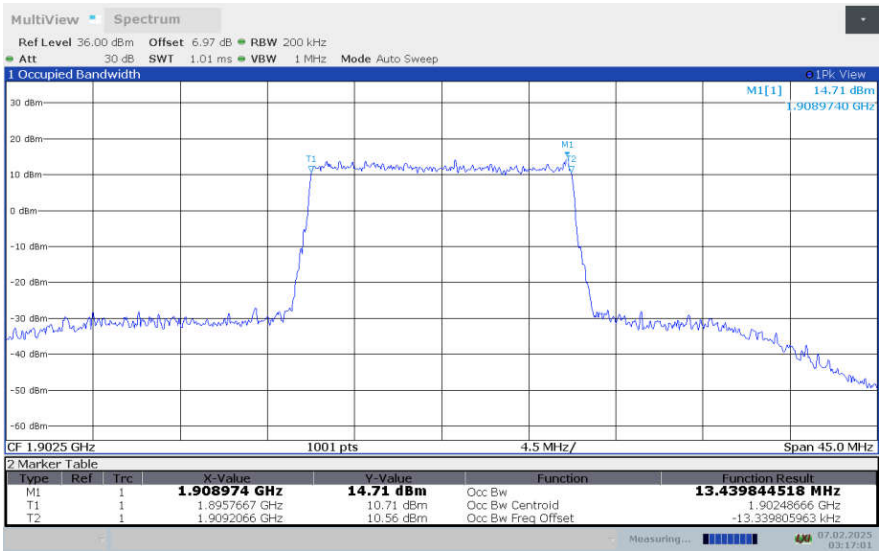


LTE Band 2 , 15MHz Bandwidth,HIGH,QPSK (99% OBW)

©Copyright. All rights reserved by SAICT.

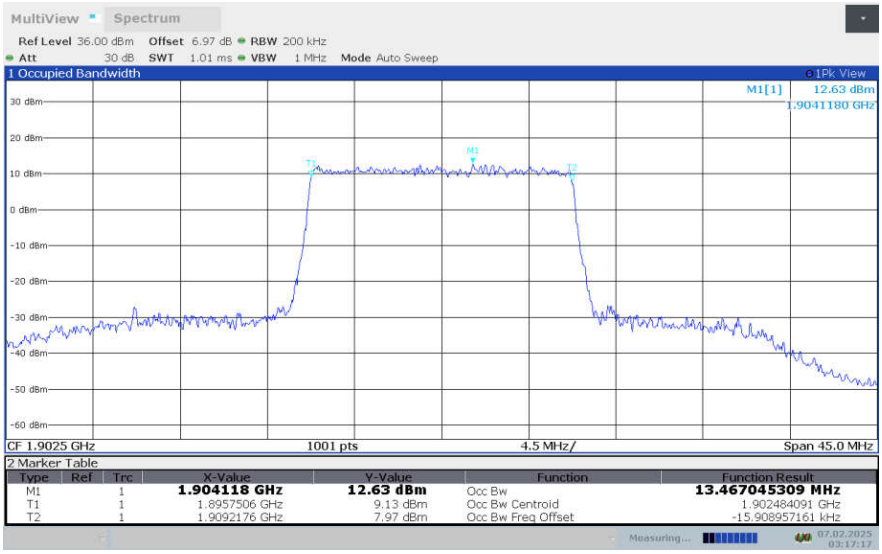


LTE Band 2 , 15MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 2 , 15MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

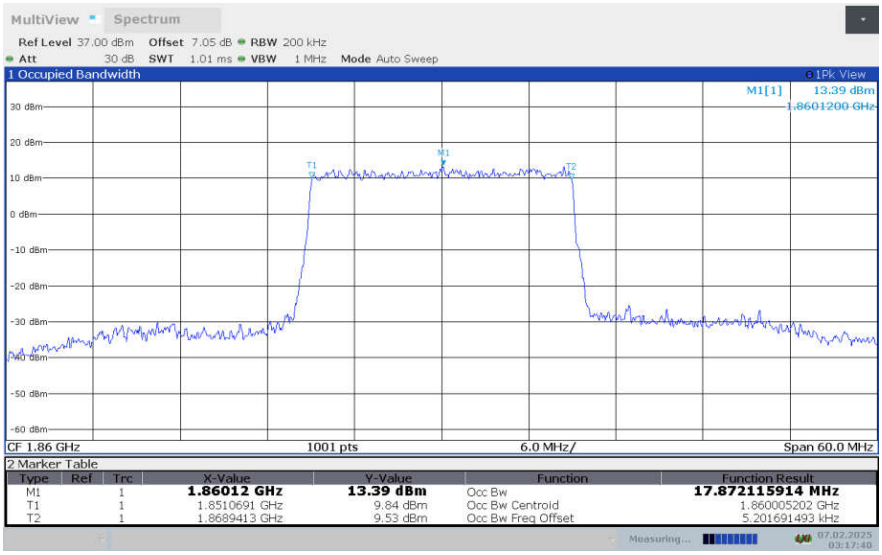


©Copyright. All rights reserved by SAICT.

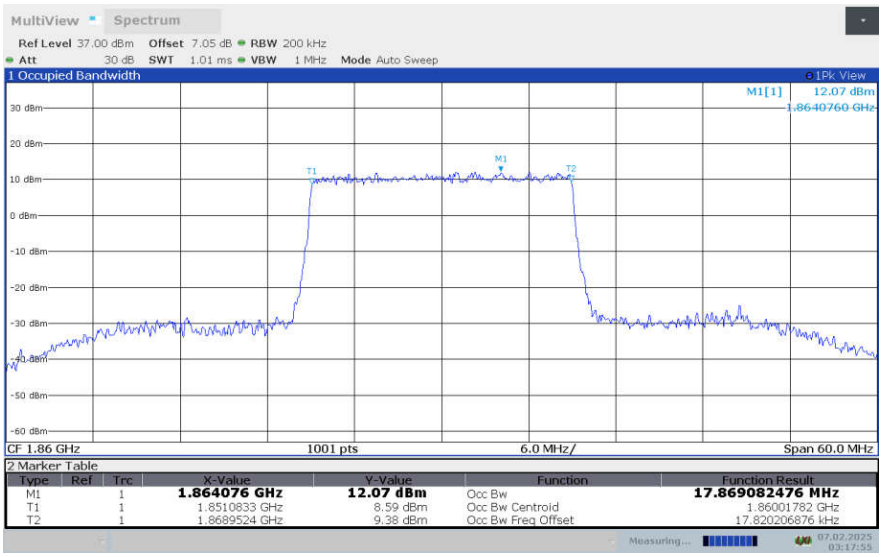
LTE Band 2,20MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1860	17.872	17.869	17.863
1880	17.876	17.882	17.871
1900	17.898	17.895	17.889

LTE Band 2 , 20MHz Bandwidth,LOW,QPSK (99% OBW)

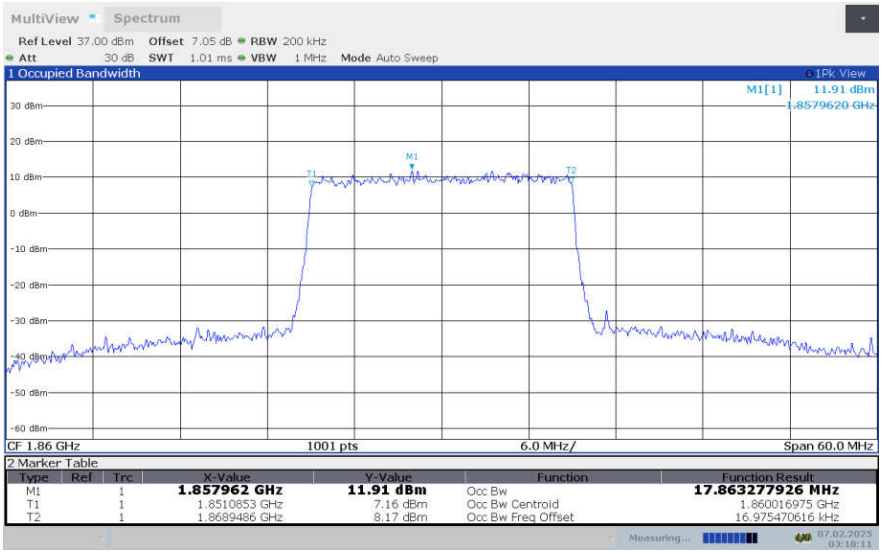


LTE Band 2 , 20MHz Bandwidth,LOW,16QAM (99% OBW)

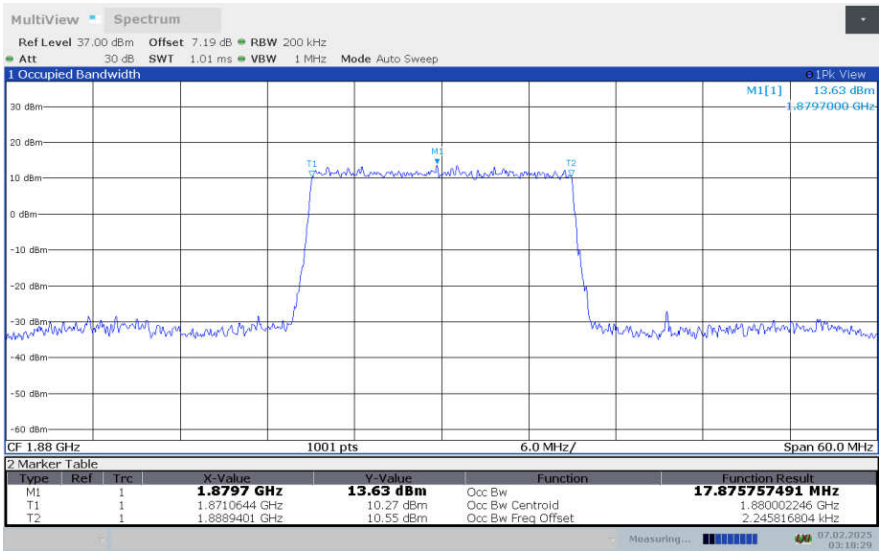


LTE Band 2 , 20MHz Bandwidth,LOW,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

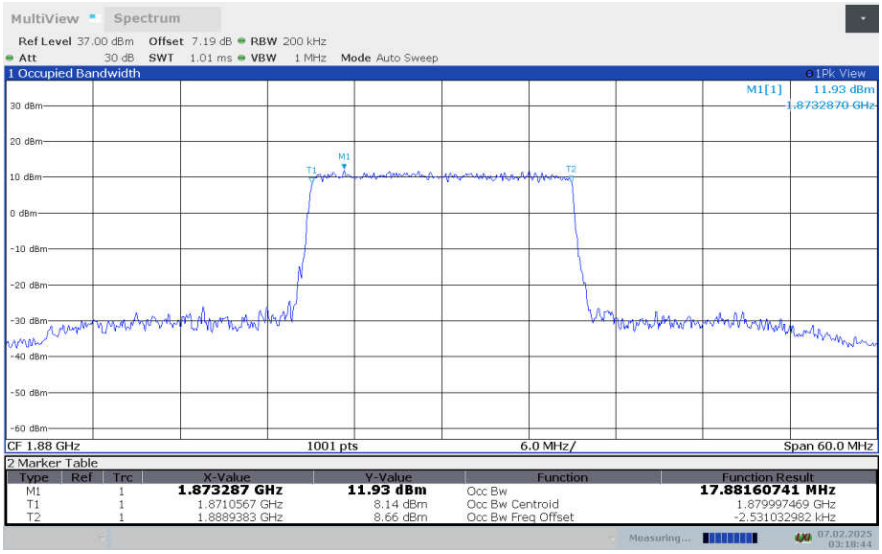


LTE Band 2 , 20MHz Bandwidth,MID,QPSK (99% OBW)

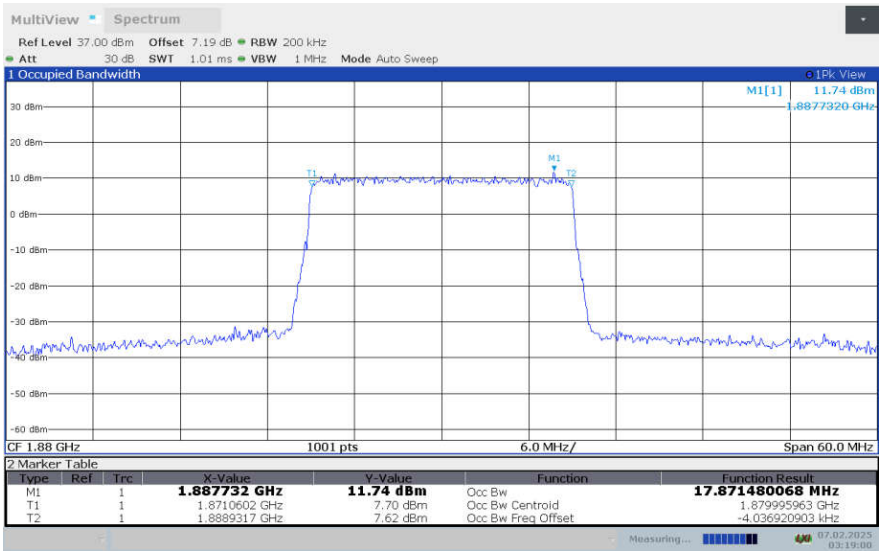


LTE Band 2 , 20MHz Bandwidth,MID,16QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

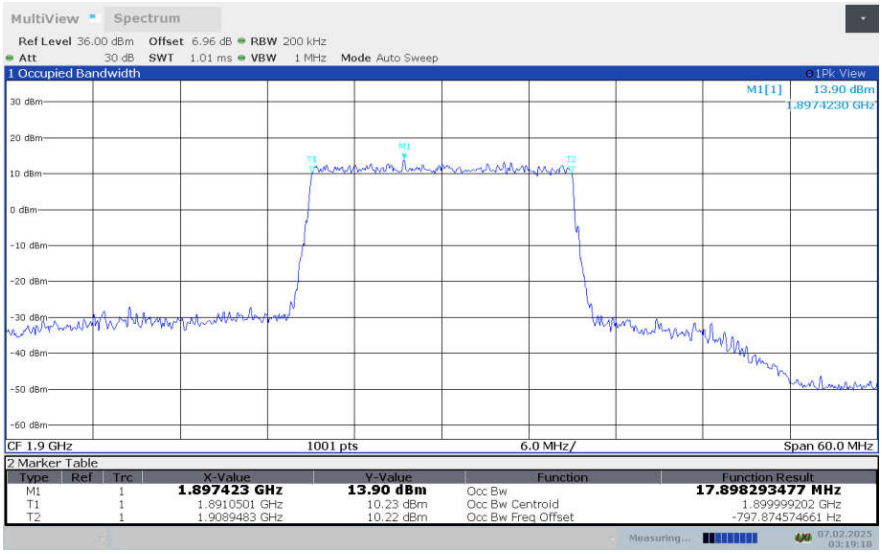


LTE Band 2 , 20MHz Bandwidth,MID,64QAM (99% OBW)

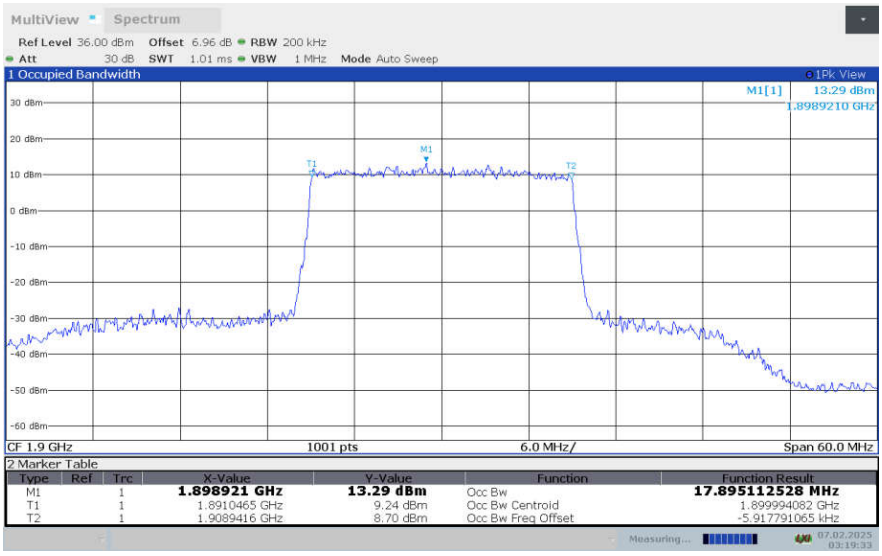


LTE Band 2 , 20MHz Bandwidth,HIGH,QPSK (99% OBW)

©Copyright. All rights reserved by SAICT.

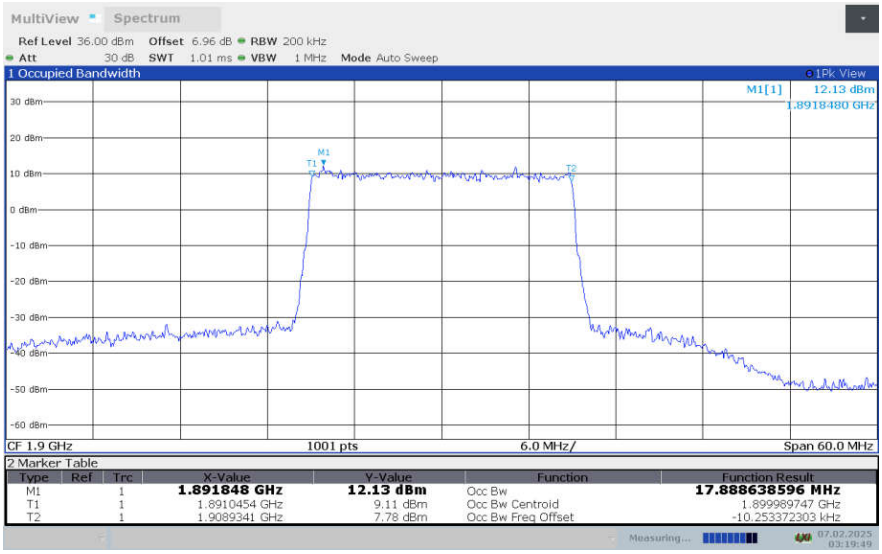


LTE Band 2 , 20MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 2 , 20MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

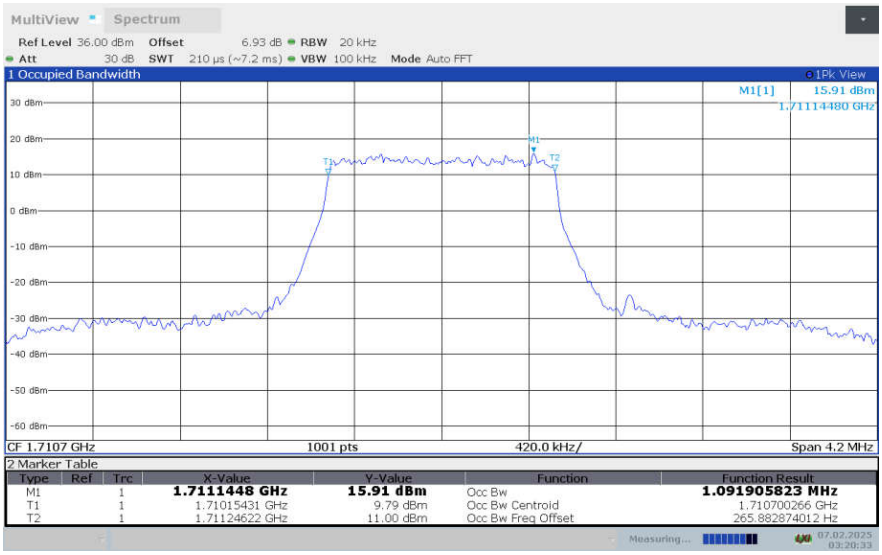


©Copyright. All rights reserved by SAICT.

LTE Band 4,1.4MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1710.7	1.092	1.085	1.083
1732.5	1.083	1.089	1.082
1754.3	1.087	1.081	1.088

LTE Band 4 , 1.4MHz Bandwidth,LOW,QPSK (99% OBW)

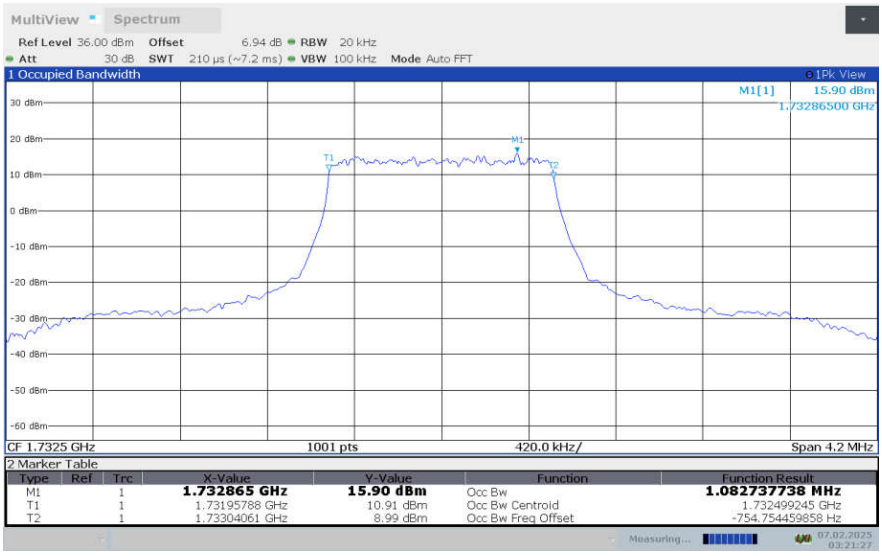


LTE Band 4 , 1.4MHz Bandwidth,LOW,16QAM (99% OBW)

LTE Band 4 , 1.4MHz Bandwidth,LOW,64QAM (99% OBW)

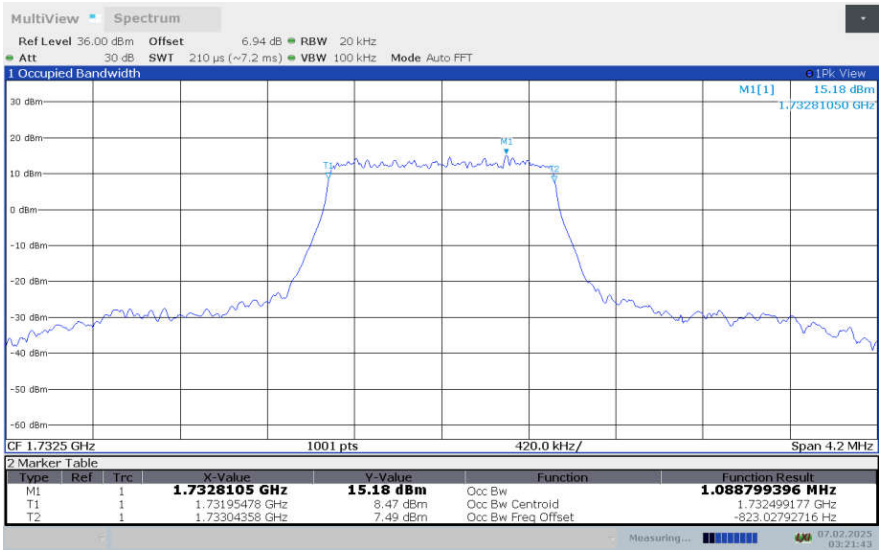
©Copyright. All rights reserved by SAICT.

LTE Band 4 , 1.4MHz Bandwidth,MID,QPSK (99% OBW)

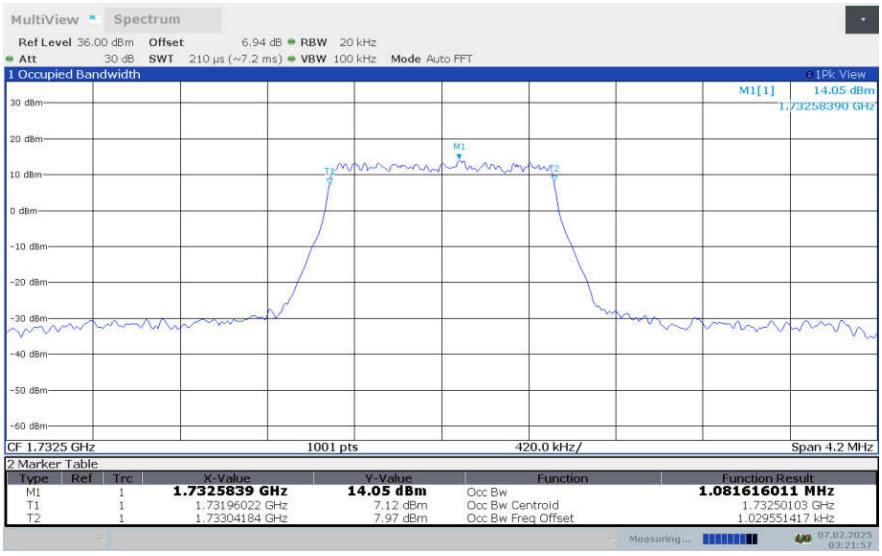


LTE Band 4 , 1.4MHz Bandwidth,MID,16QAM (99% OBW)

©Copyright. All rights reserved by SAICT.



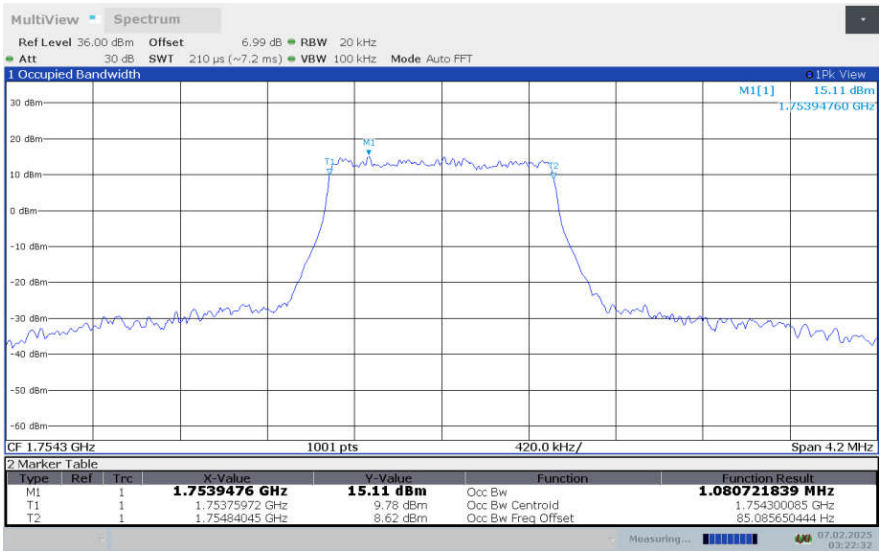
LTE Band 4 , 1.4MHz Bandwidth,MID,64QAM (99% OBW)



LTE Band 4 , 1.4MHz Bandwidth,HIGH,QPSK (99% OBW)

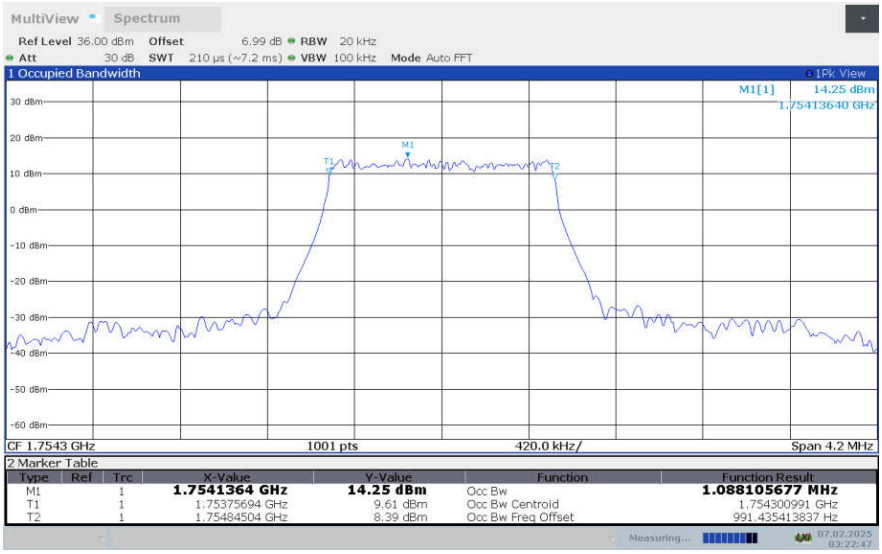
©Copyright. All rights reserved by SAICT.

LTE Band 4 , 1.4MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 4 , 1.4MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

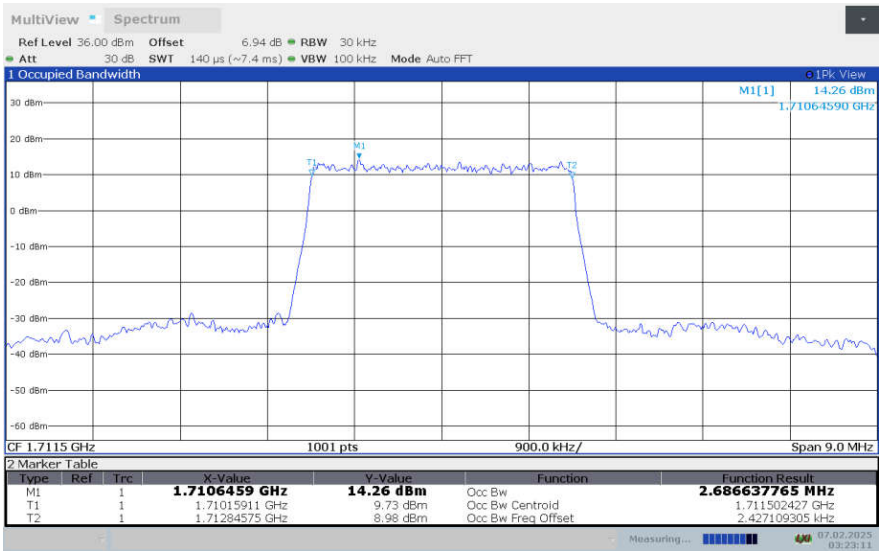


©Copyright. All rights reserved by SAICT.

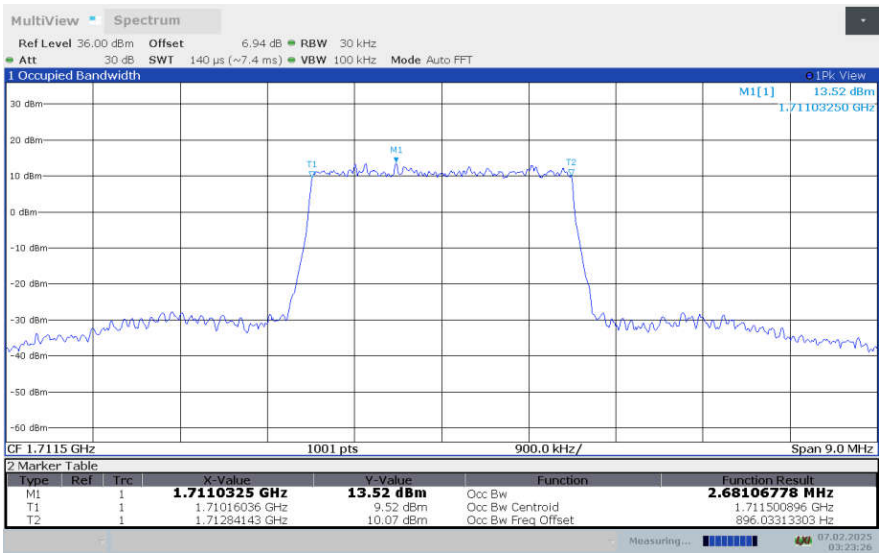
LTE Band 4,3MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1711.5	2.687	2.681	2.684
1732.5	2.687	2.684	2.683
1753.5	2.684	2.683	2.681

LTE Band 4 , 3MHz Bandwidth,LOW,QPSK (99% OBW)

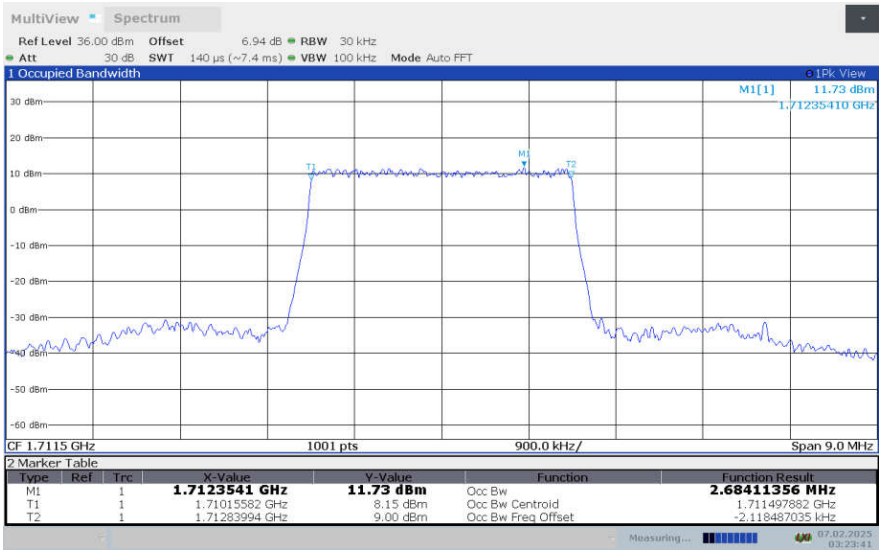


LTE Band 4 , 3MHz Bandwidth,LOW,16QAM (99% OBW)

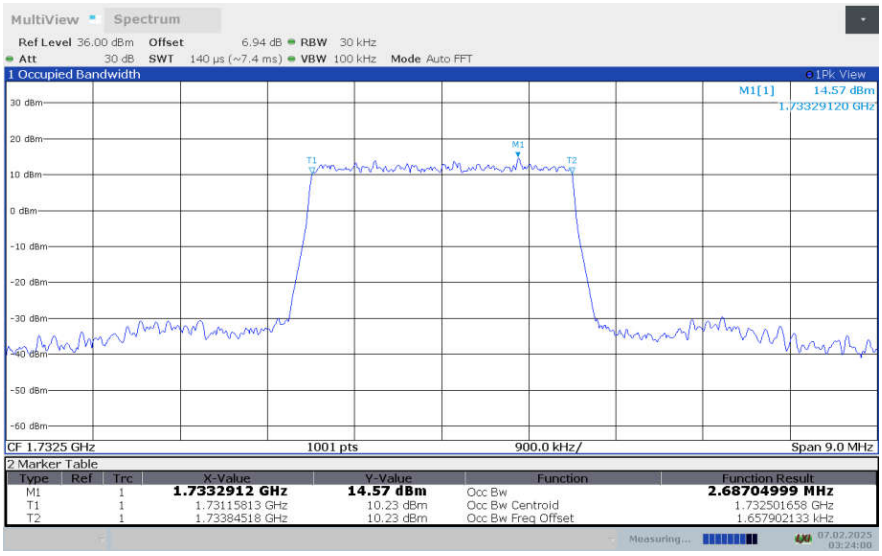


LTE Band 4 , 3MHz Bandwidth,LOW,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

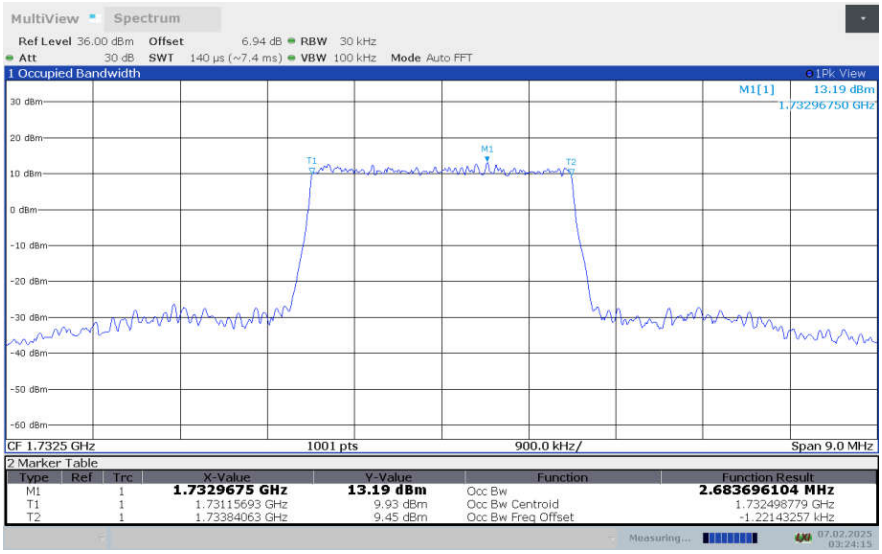


LTE Band 4 , 3MHz Bandwidth,MID,QPSK (99% OBW)

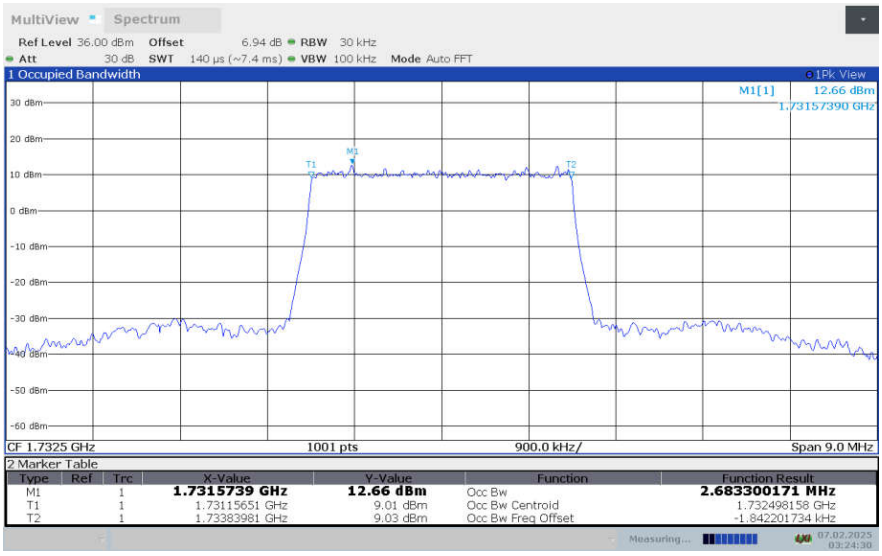


LTE Band 4 , 3MHz Bandwidth,MID,16QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

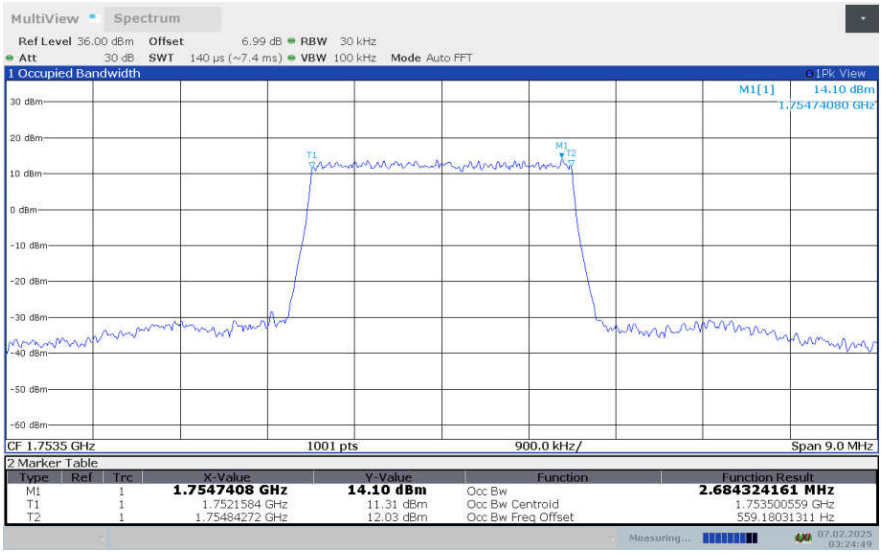


LTE Band 4 , 3MHz Bandwidth,MID,64QAM (99% OBW)

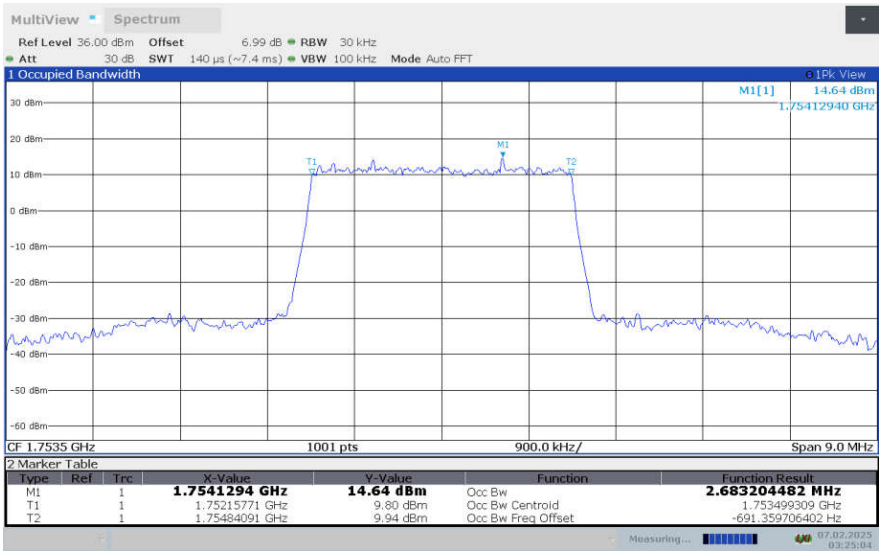


LTE Band 4 , 3MHz Bandwidth,HIGH,QPSK (99% OBW)

©Copyright. All rights reserved by SAICT.

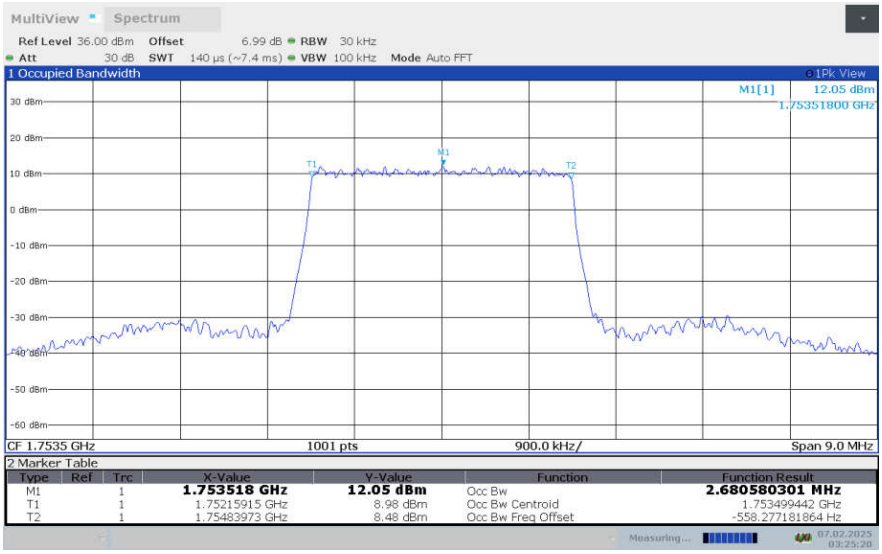


LTE Band 4 , 3MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 4 , 3MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

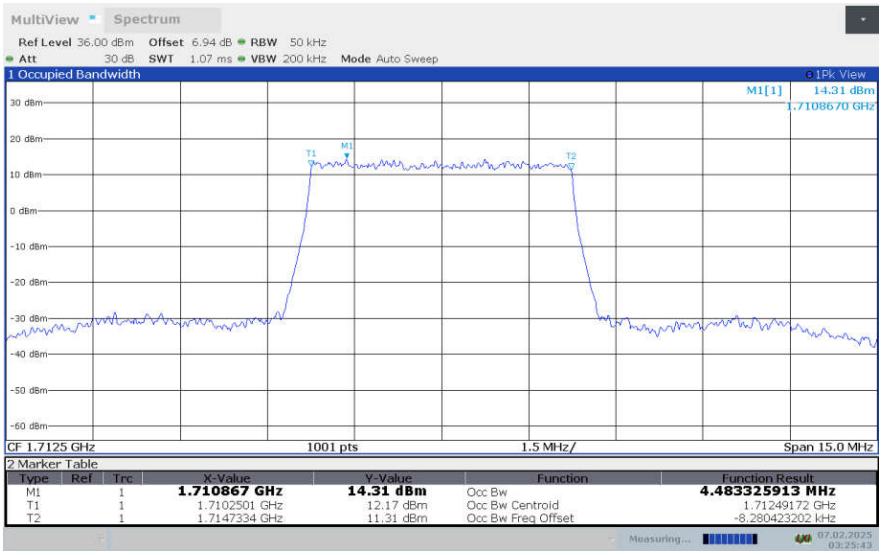


©Copyright. All rights reserved by SAICT.

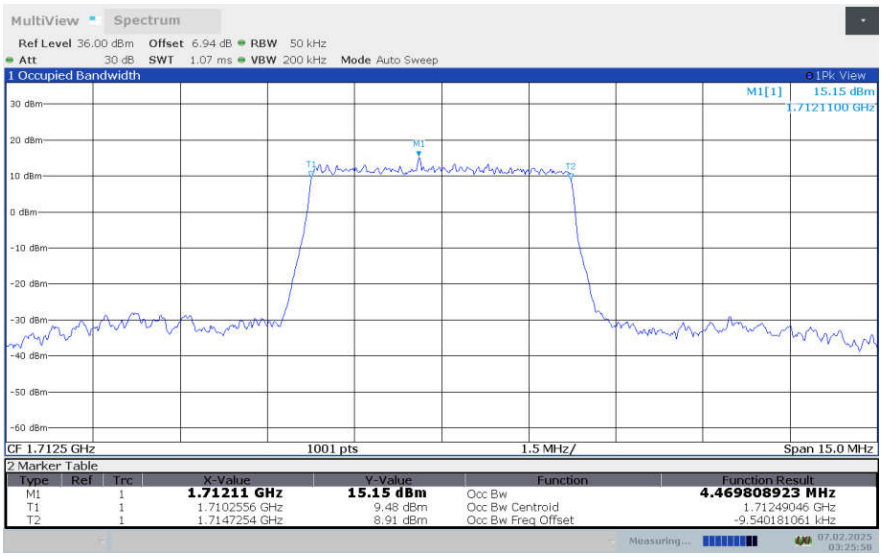
LTE Band 4,5MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1712.5	4.483	4.470	4.471
1732.5	4.483	4.483	4.476
1752.5	4.468	4.474	4.467

LTE Band 4 , 5MHz Bandwidth,LOW,QPSK (99% OBW)

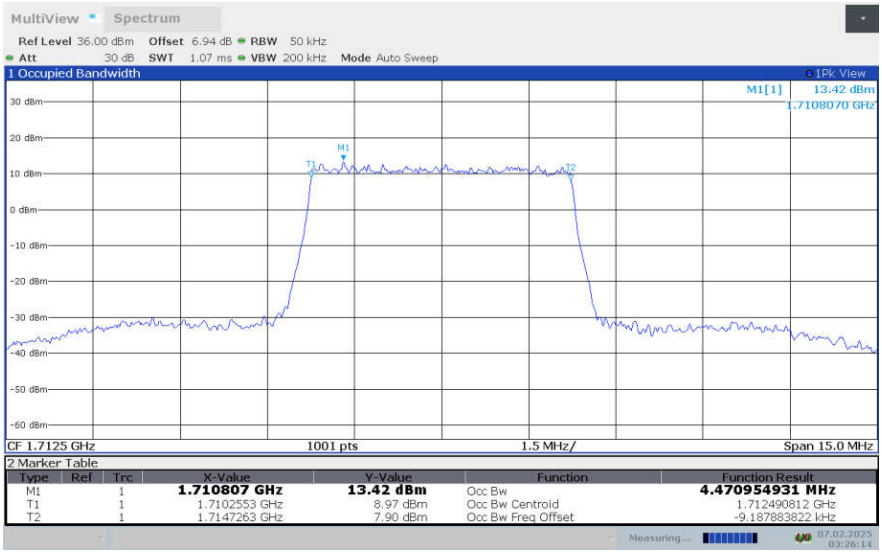


LTE Band 4 , 5MHz Bandwidth,LOW,16QAM (99% OBW)

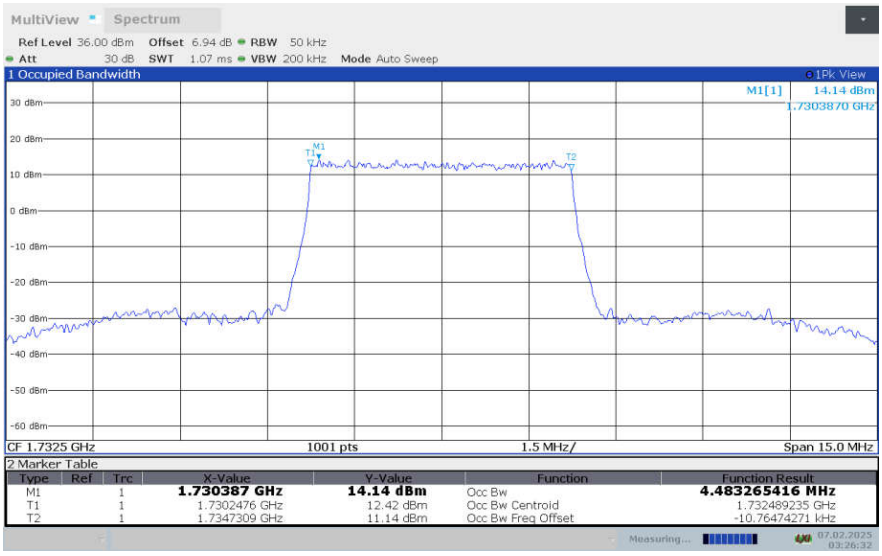


LTE Band 4 , 5MHz Bandwidth,LOW,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

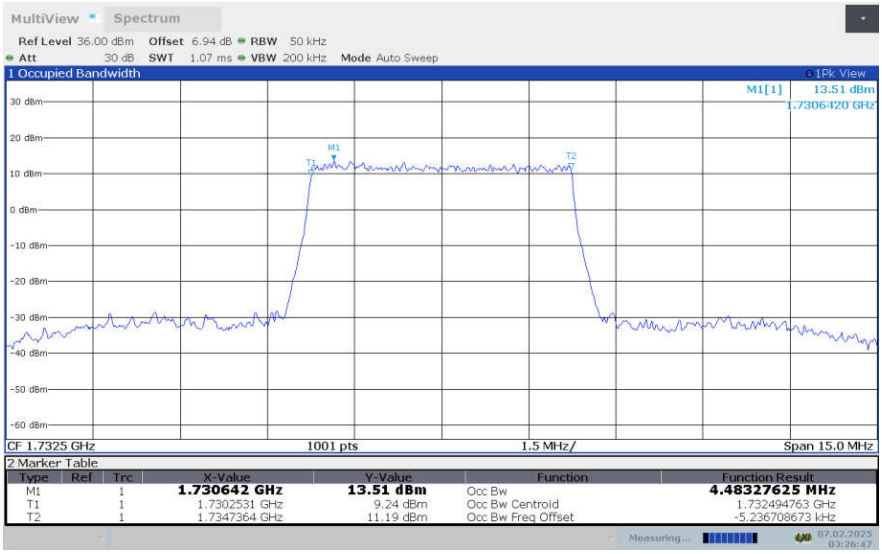


LTE Band 4 , 5MHz Bandwidth,MID,QPSK (99% OBW)

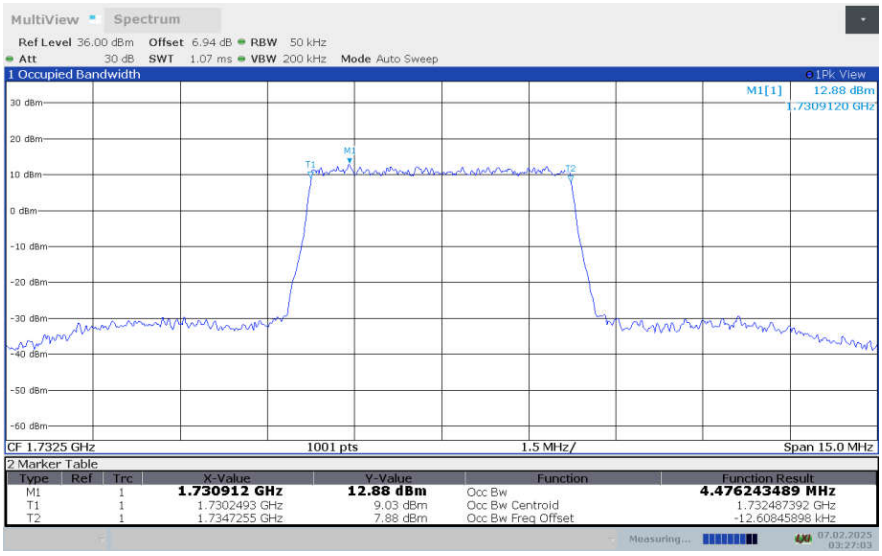


LTE Band 4 , 5MHz Bandwidth,MID,16QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

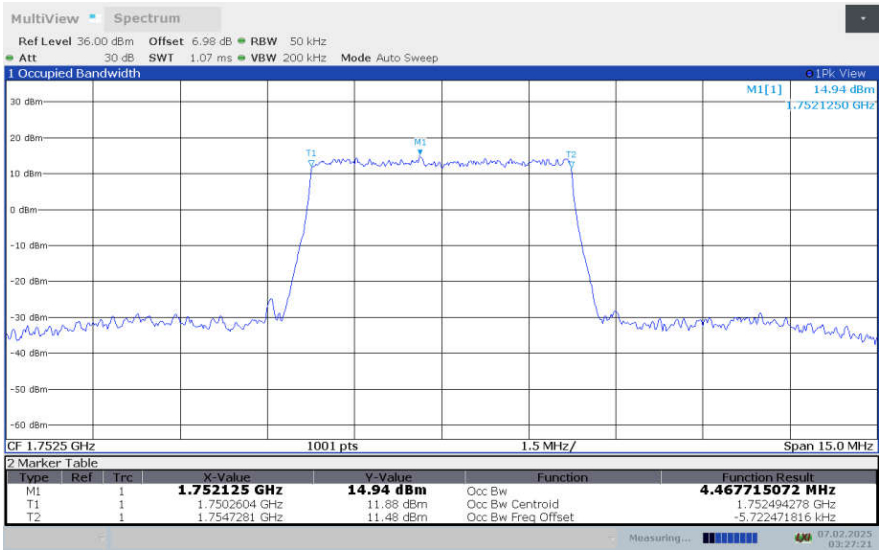


LTE Band 4 , 5MHz Bandwidth,MID,64QAM (99% OBW)

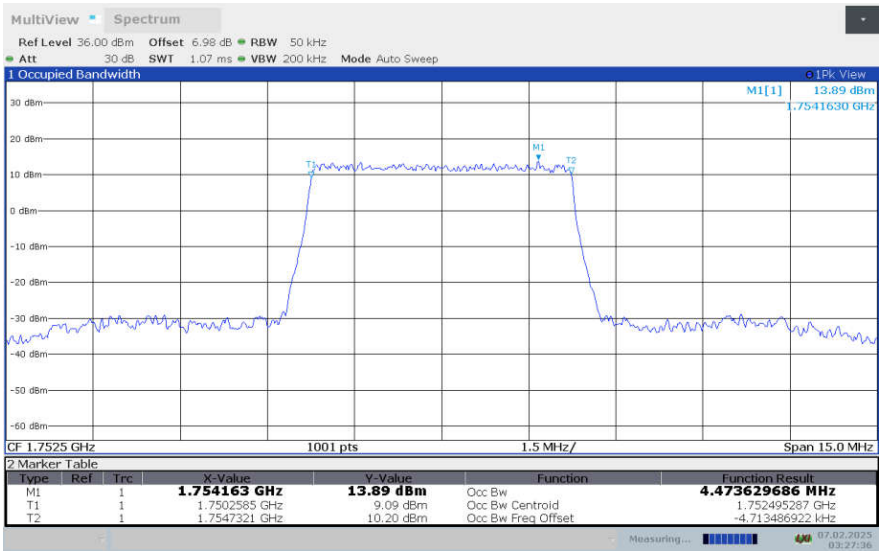


LTE Band 4 , 5MHz Bandwidth,HIGH,QPSK (99% OBW)

©Copyright. All rights reserved by SAICT.

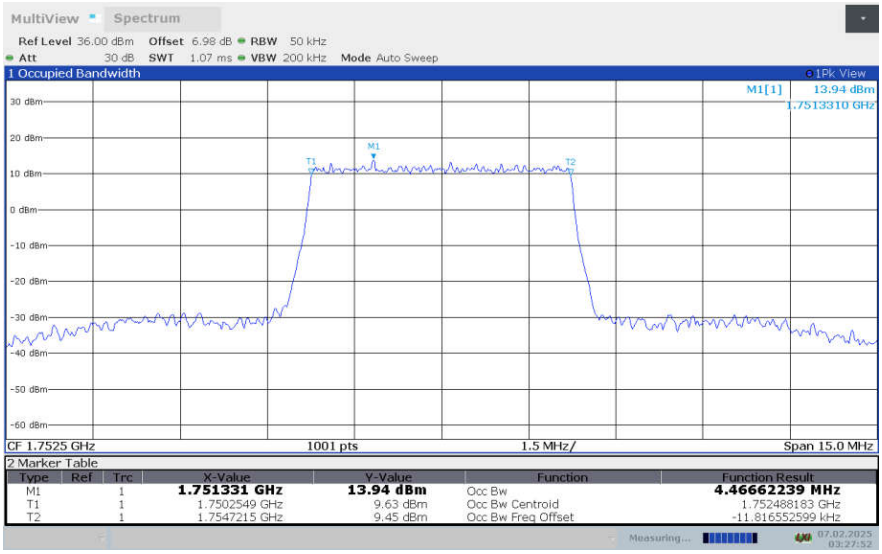


LTE Band 4 , 5MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 4 , 5MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

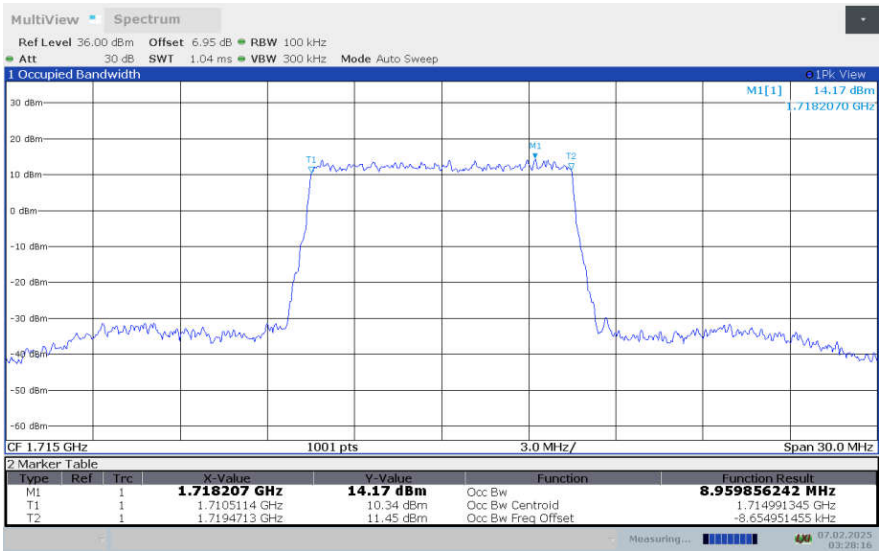


©Copyright. All rights reserved by SAICT.

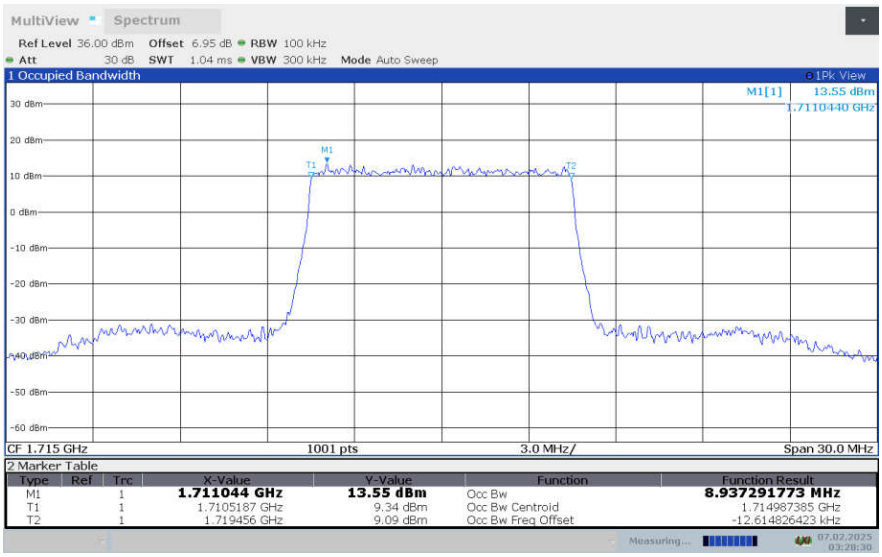
LTE Band 4,10MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1715	8.960	8.937	8.948
1732.5	8.925	8.953	8.945
1750	8.937	8.948	8.956

LTE Band 4 , 10MHz Bandwidth,LOW,QPSK (99% OBW)

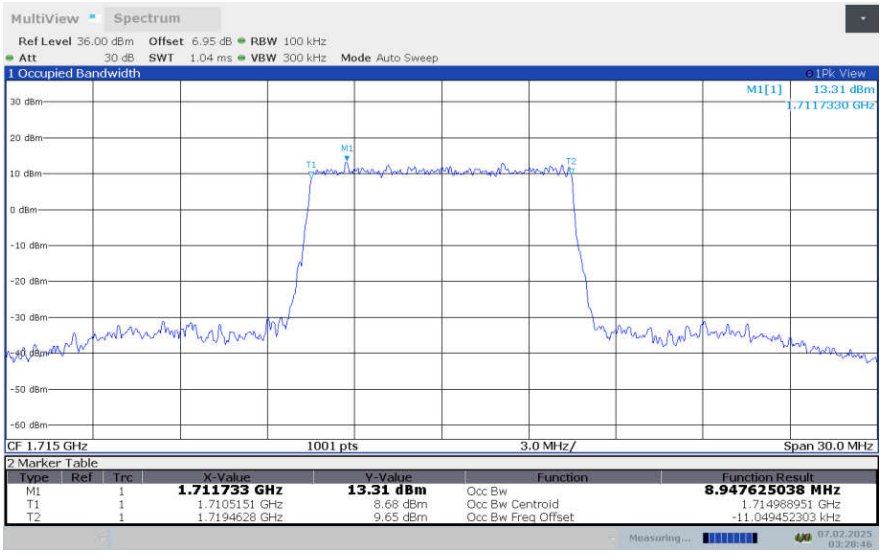


LTE Band 4 , 10MHz Bandwidth,LOW,16QAM (99% OBW)

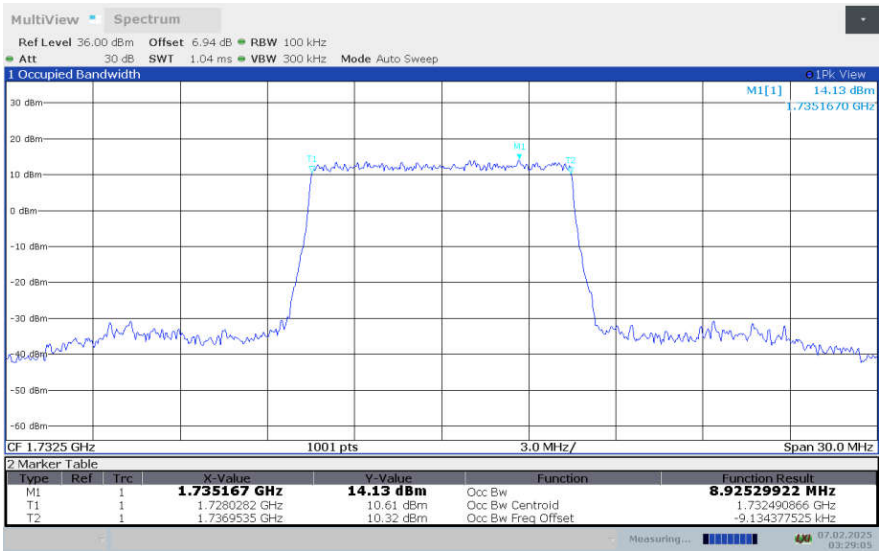


LTE Band 4 , 10MHz Bandwidth,LOW,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

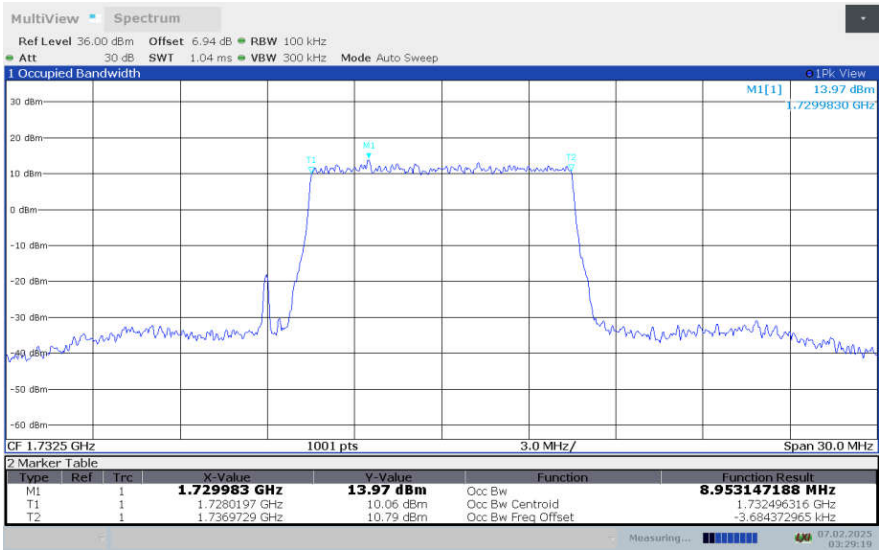


LTE Band 4 , 10MHz Bandwidth,MID,QPSK (99% OBW)

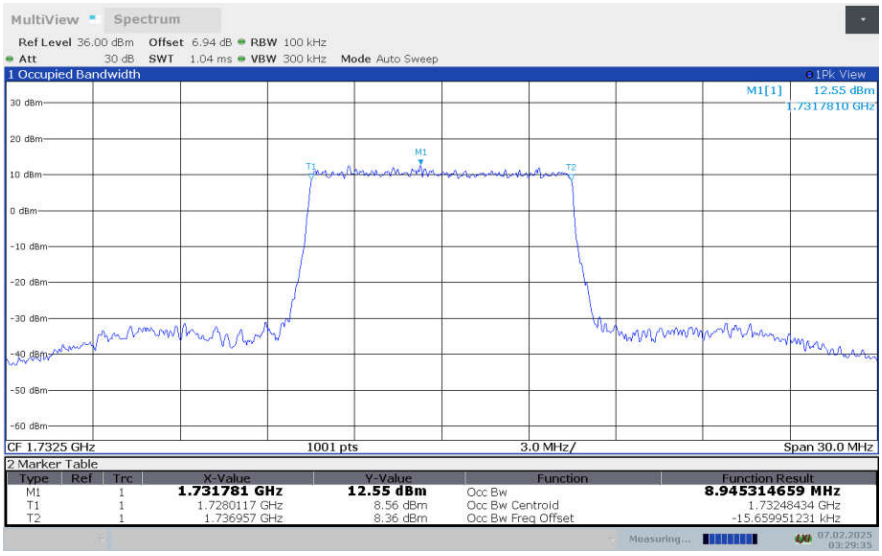


LTE Band 4 , 10MHz Bandwidth,MID,16QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

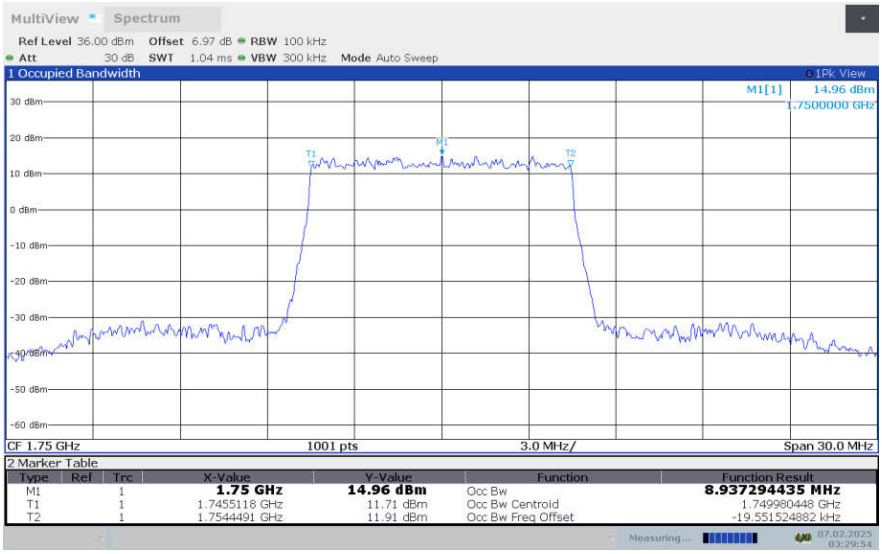


LTE Band 4 , 10MHz Bandwidth,MID,64QAM (99% OBW)

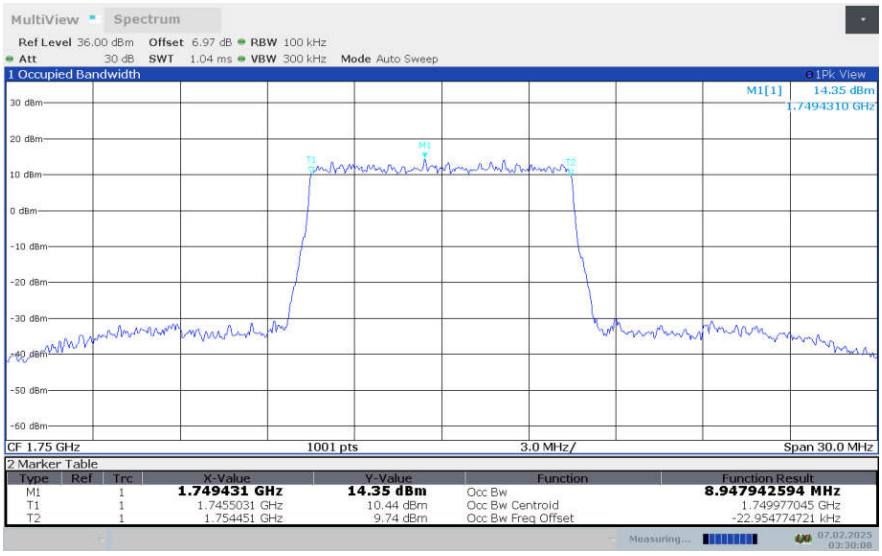


LTE Band 4 , 10MHz Bandwidth,HIGH,QPSK (99% OBW)

©Copyright. All rights reserved by SAICT.

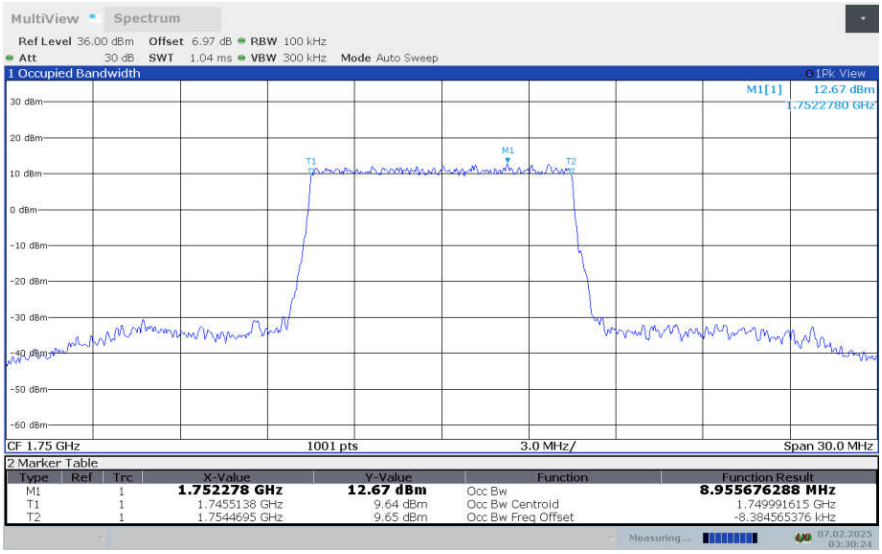


LTE Band 4 , 10MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 4 , 10MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

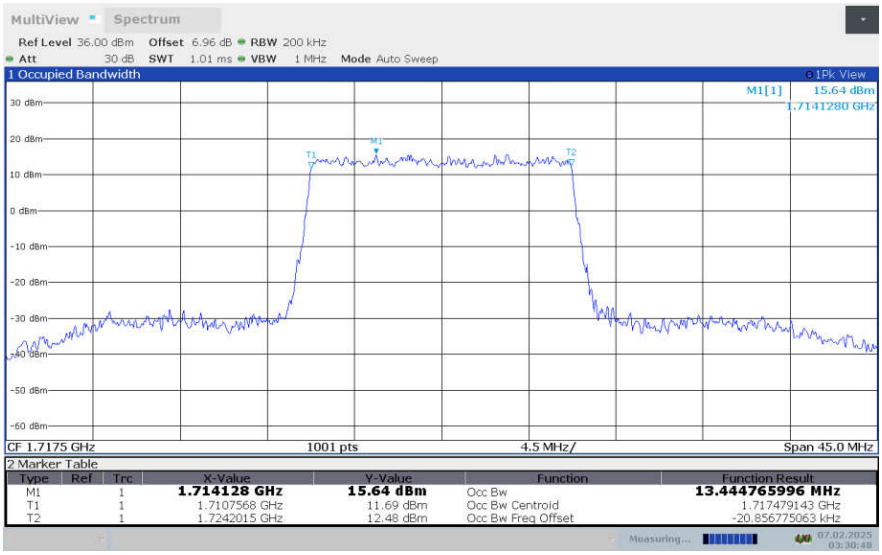


©Copyright. All rights reserved by SAICT.

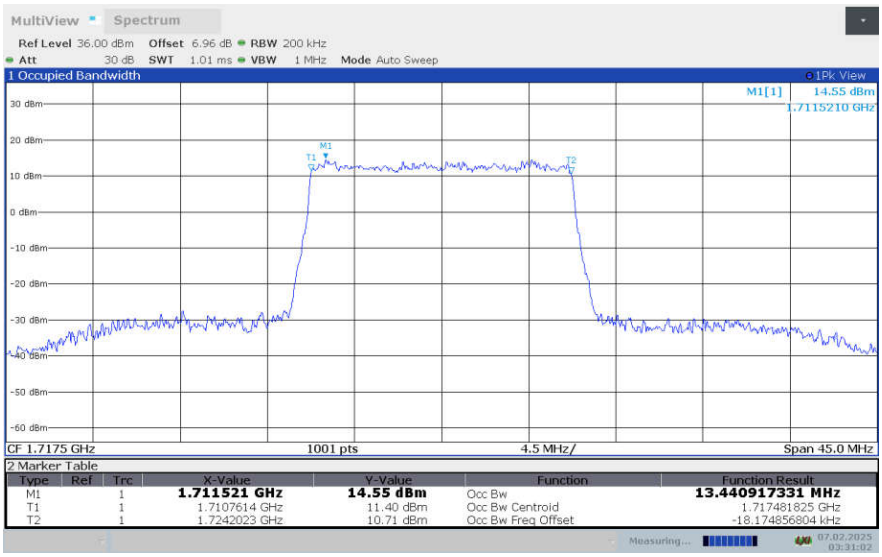
LTE Band 4,15MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1717.5	13.445	13.441	13.429
1732.5	13.420	13.461	13.444
1747.5	13.431	13.469	13.461

LTE Band 4 , 15MHz Bandwidth,LOW,QPSK (99% OBW)

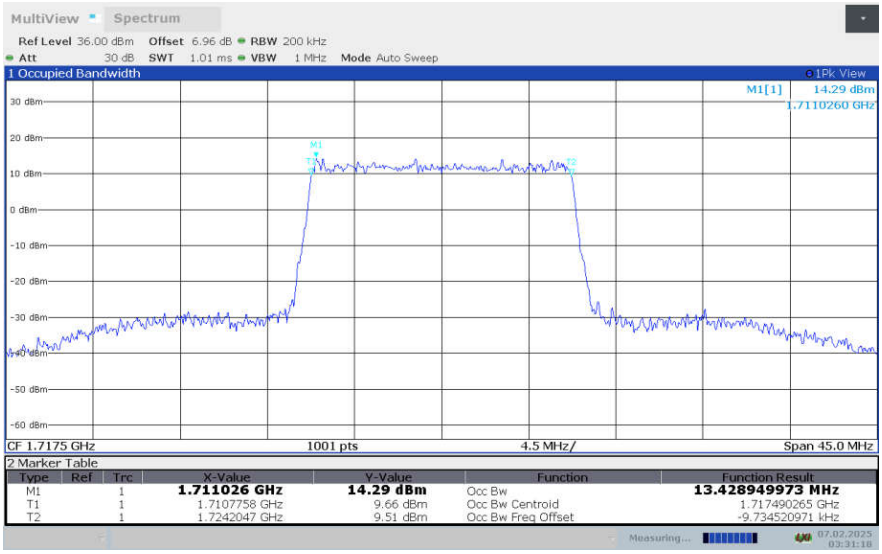


LTE Band 4 , 15MHz Bandwidth,LOW,16QAM (99% OBW)

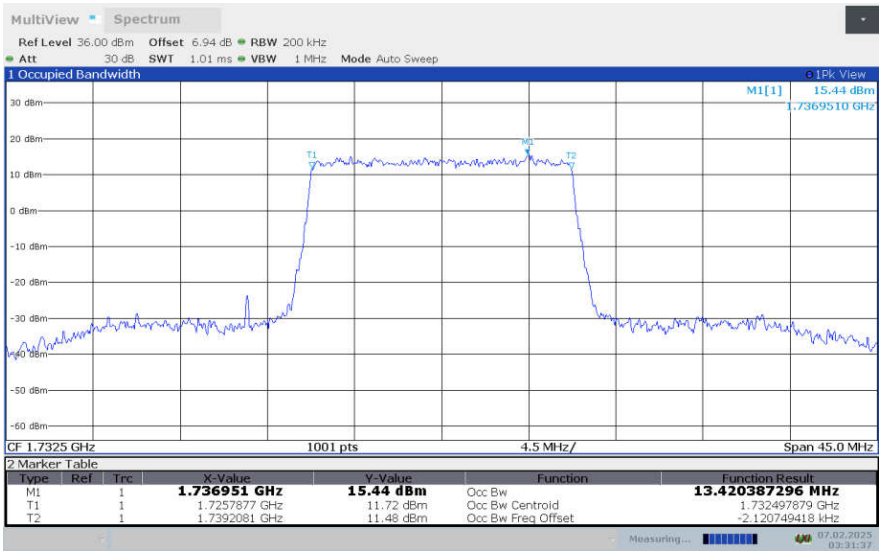


LTE Band 4 , 15MHz Bandwidth,LOW,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

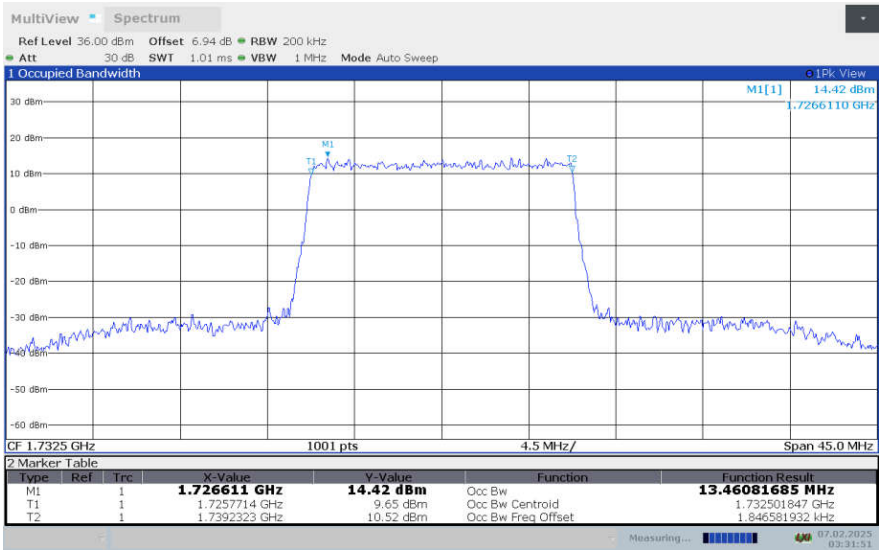


LTE Band 4 , 15MHz Bandwidth,MID,QPSK (99% OBW)

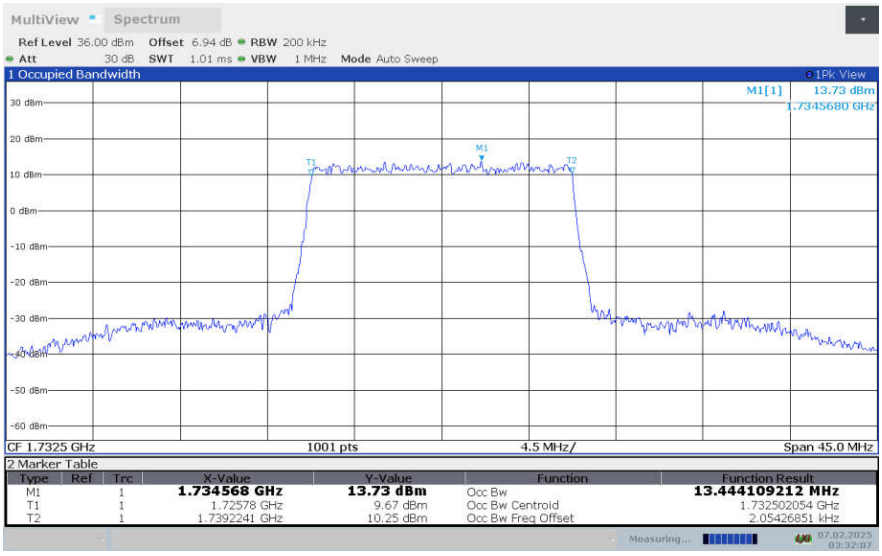


LTE Band 4 , 15MHz Bandwidth,MID,16QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

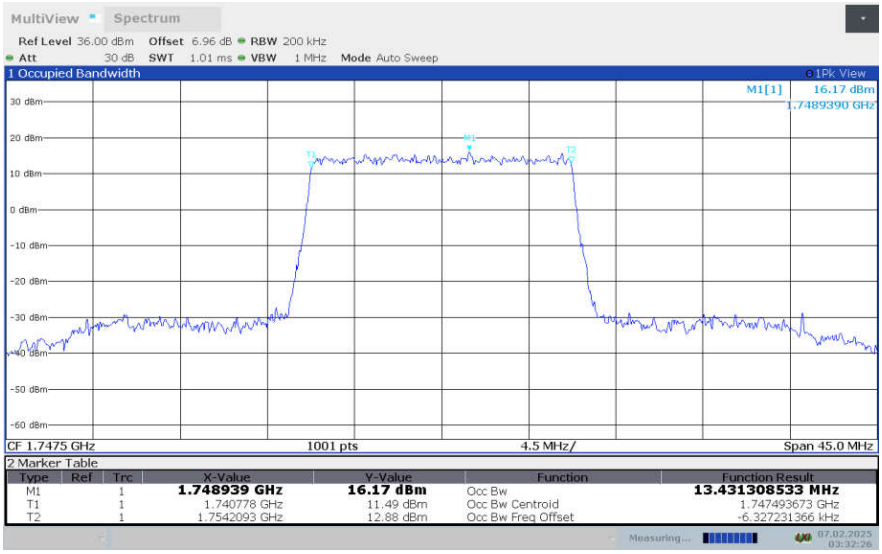


LTE Band 4 , 15MHz Bandwidth,MID,64QAM (99% OBW)

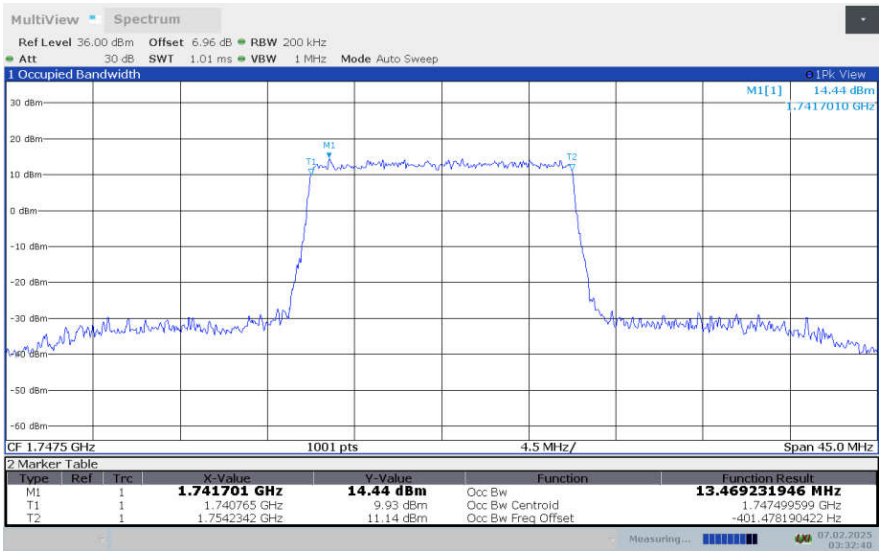


LTE Band 4 , 15MHz Bandwidth,HIGH,QPSK (99% OBW)

©Copyright. All rights reserved by SAICT.

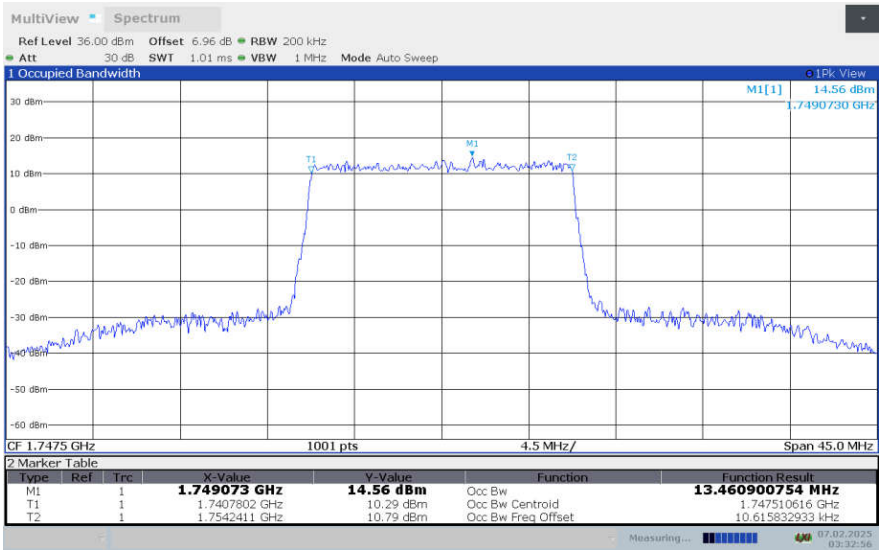


LTE Band 4 , 15MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 4 , 15MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

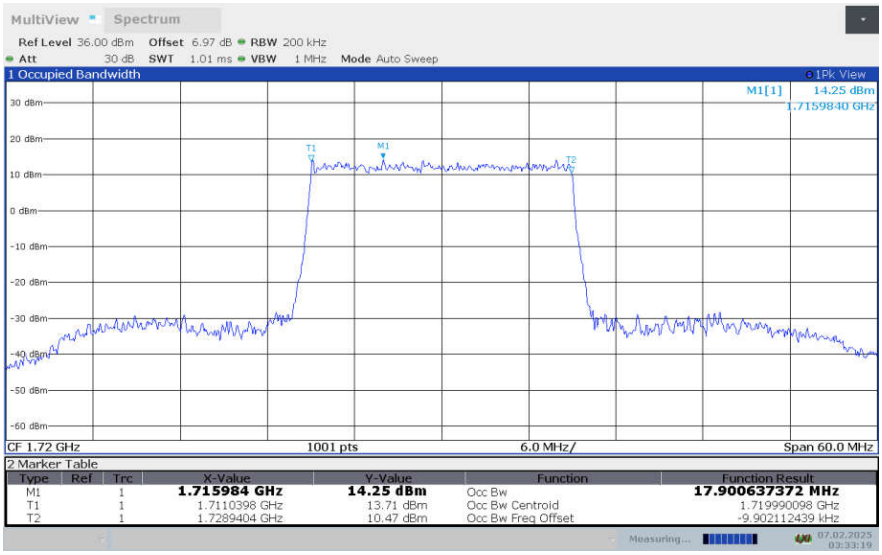


©Copyright. All rights reserved by SAICT.

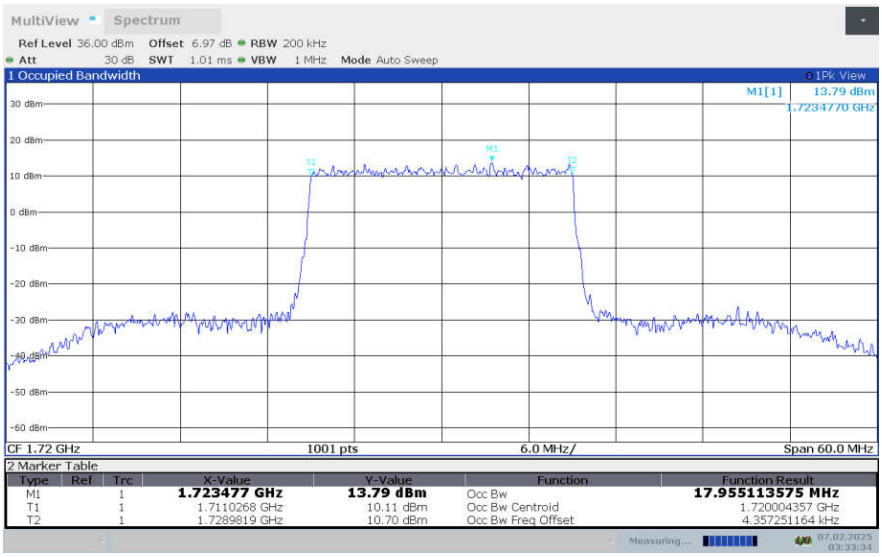
LTE Band 4,20MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1720	17.901	17.955	17.879
1732.5	17.885	17.868	17.912
1745	17.928	17.898	17.873

LTE Band 4 , 20MHz Bandwidth,LOW,QPSK (99% OBW)

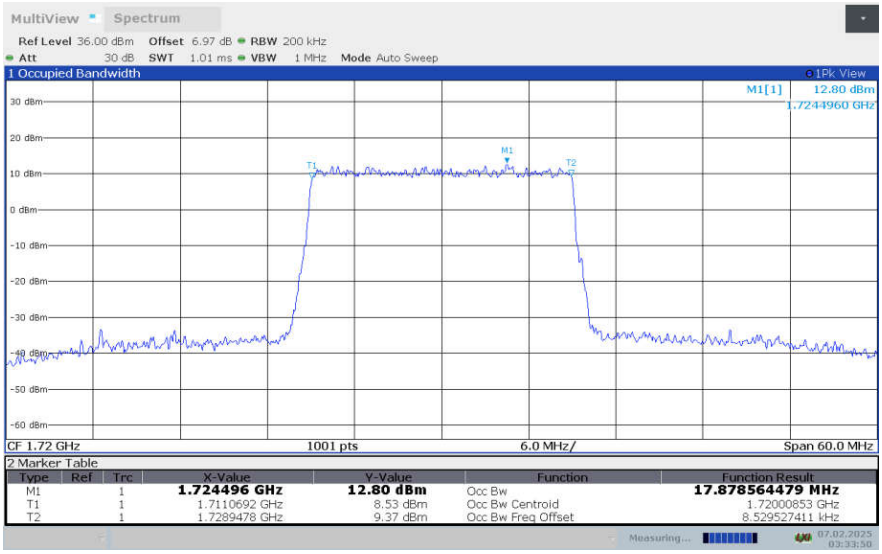


LTE Band 4 , 20MHz Bandwidth,LOW,16QAM (99% OBW)

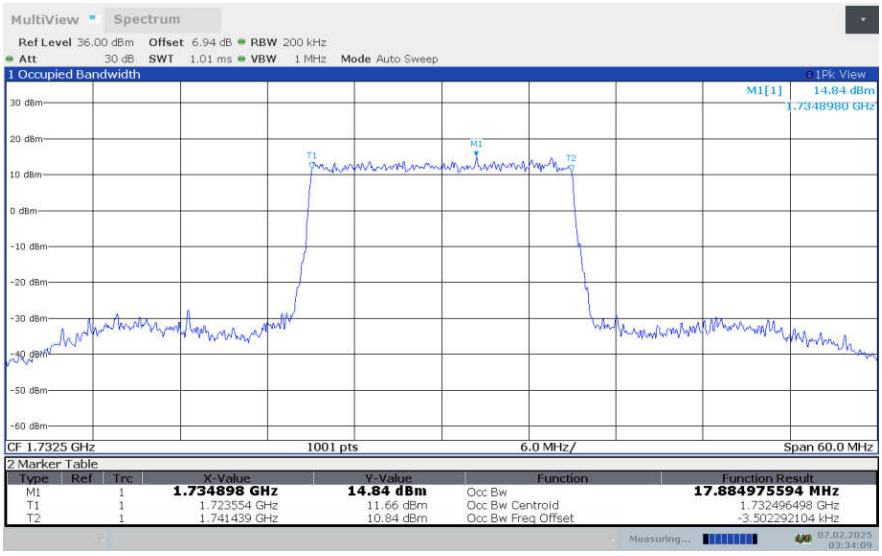


LTE Band 4 , 20MHz Bandwidth,LOW,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

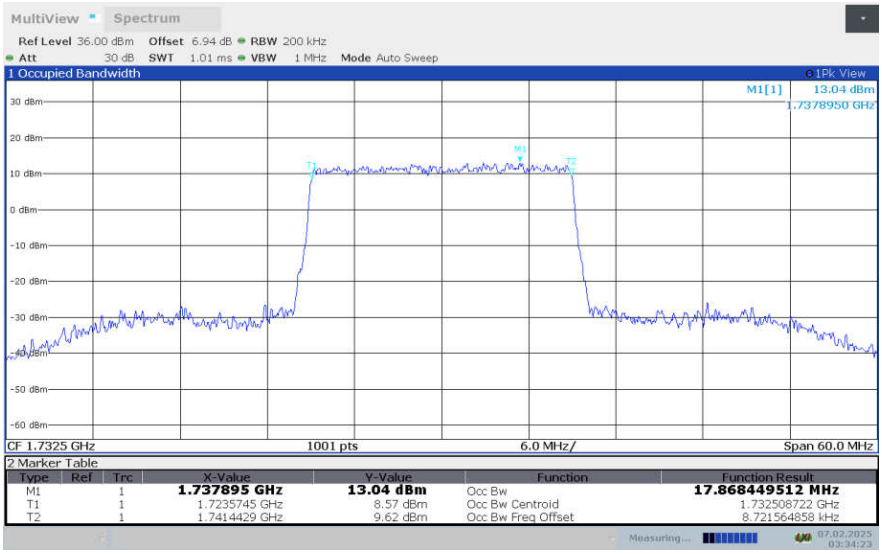


LTE Band 4 , 20MHz Bandwidth,MID,QPSK (99% OBW)

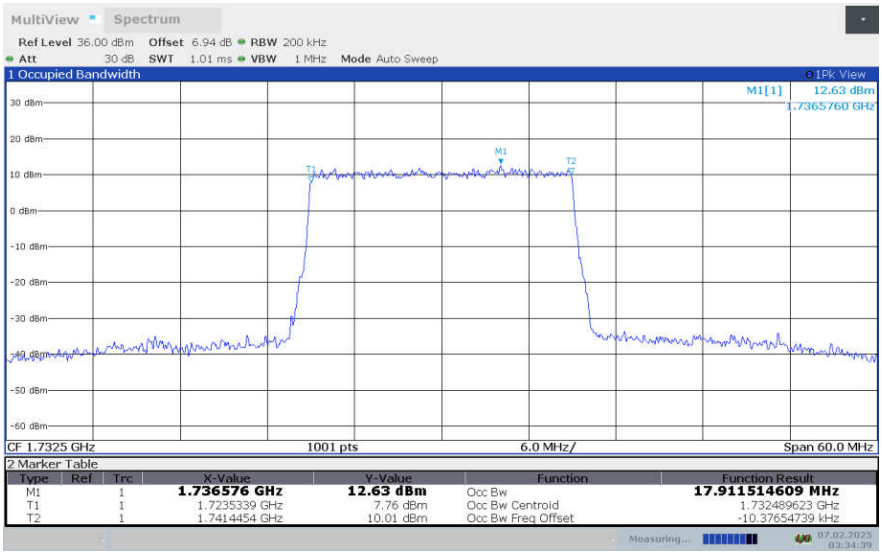


LTE Band 4 , 20MHz Bandwidth,MID,16QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

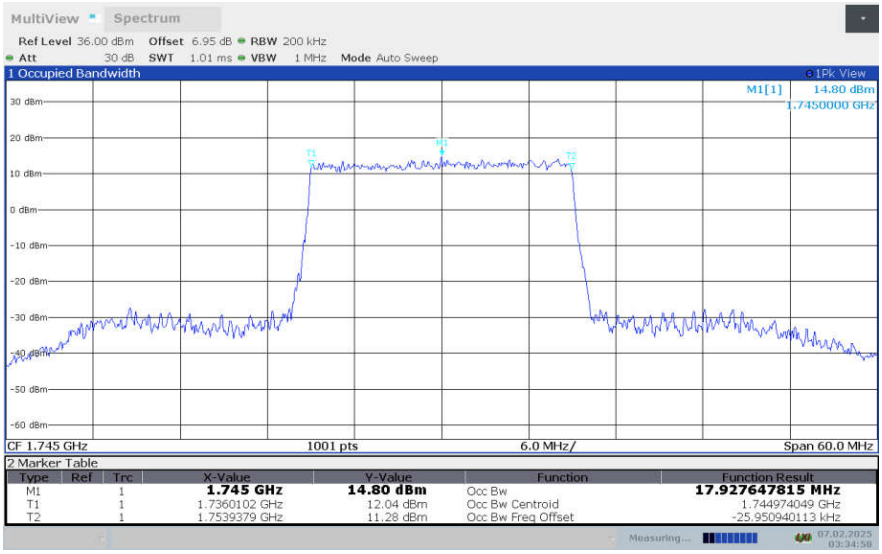


LTE Band 4 , 20MHz Bandwidth,MID,64QAM (99% OBW)

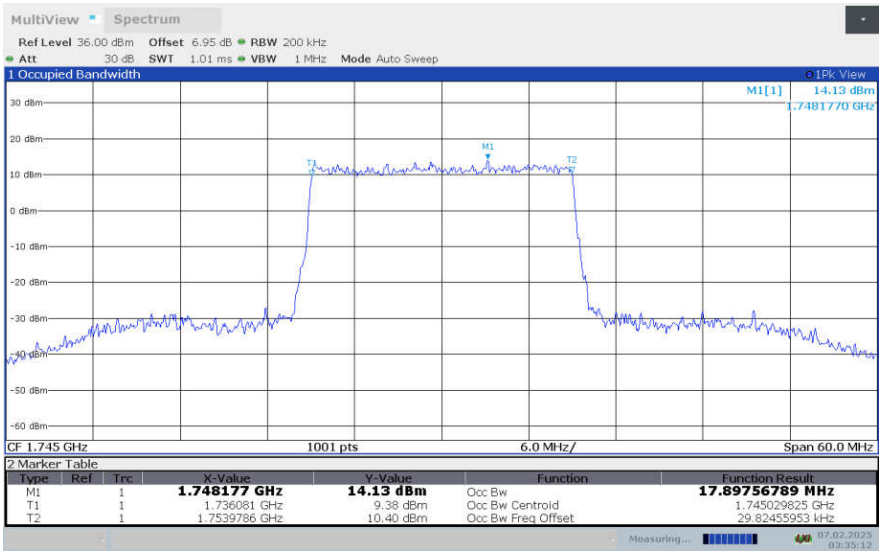


LTE Band 4 , 20MHz Bandwidth,HIGH,QPSK (99% OBW)

©Copyright. All rights reserved by SAICT.

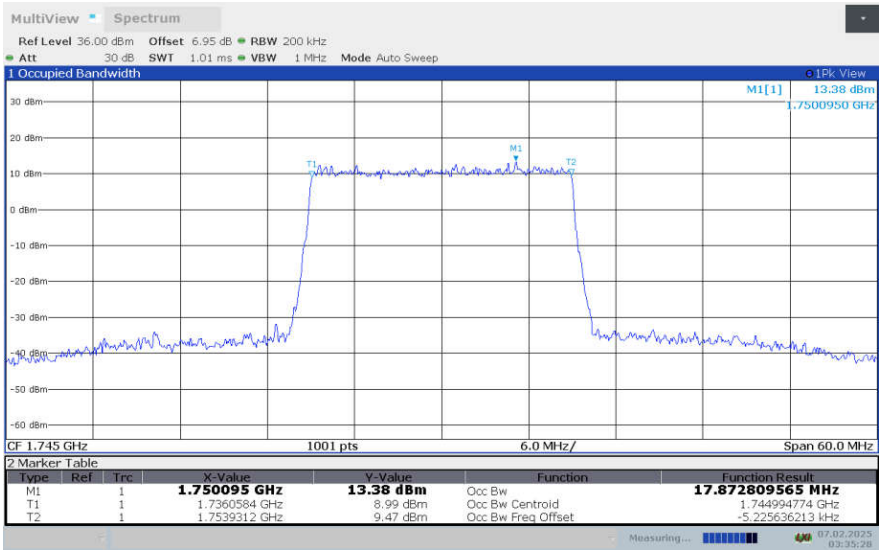


LTE Band 4 , 20MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 4 , 20MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

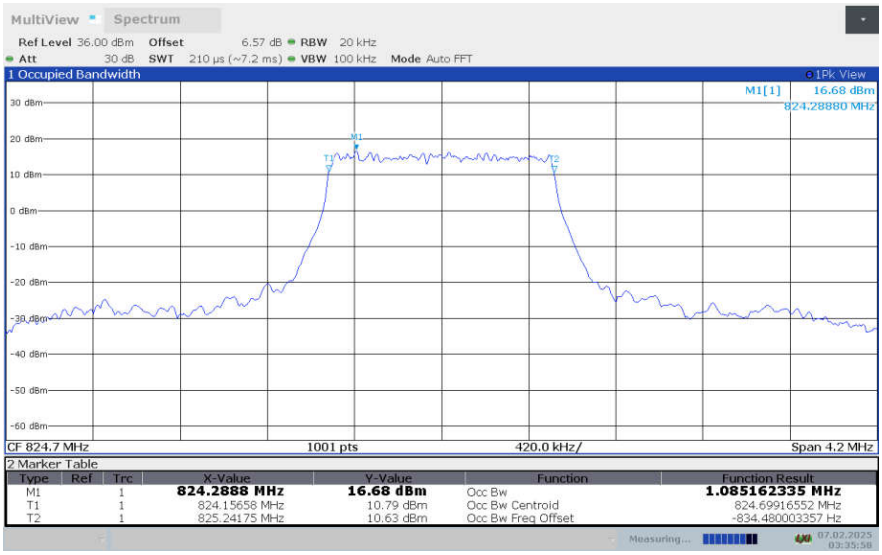


©Copyright. All rights reserved by SAICT.

LTE Band 5,1.4MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
824.7	1.085	1.086	1.083
836.5	1.083	1.091	1.083
848.3	1.086	1.083	1.090

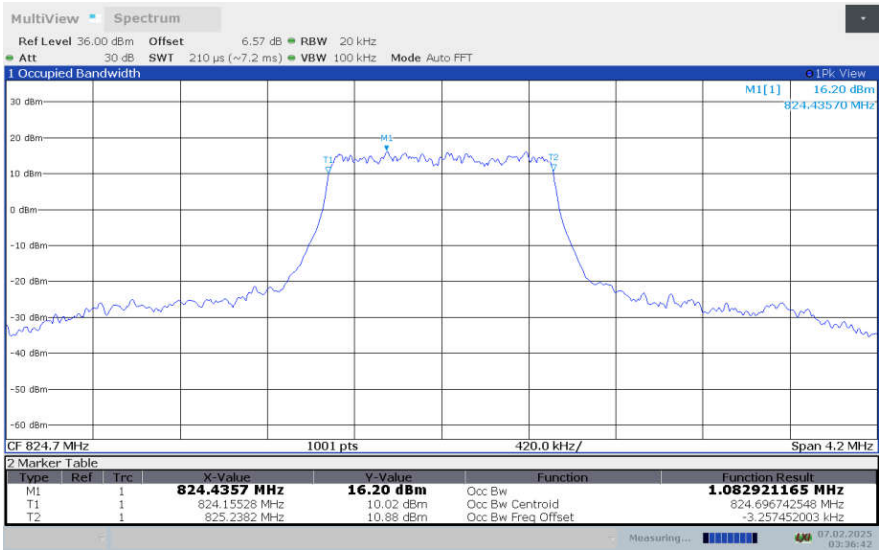
LTE Band 5 , 1.4MHz Bandwidth,LOW,QPSK (99% OBW)



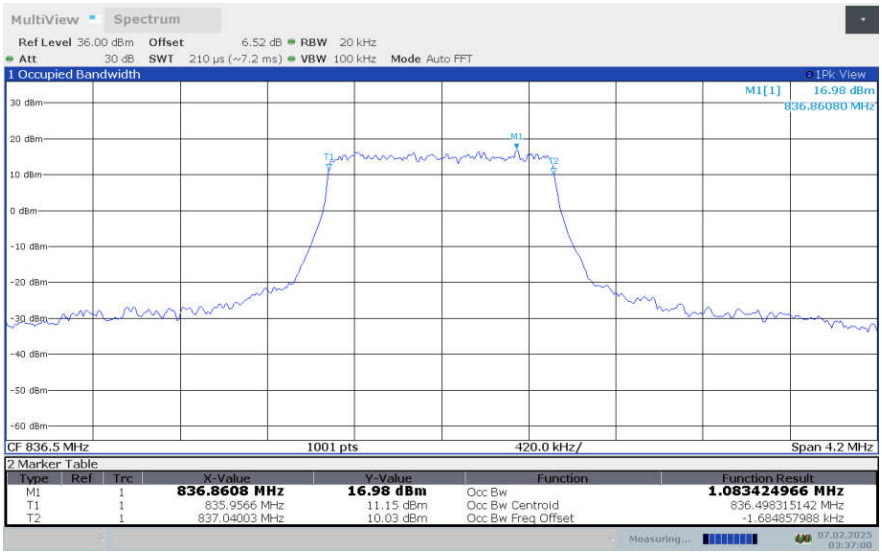
LTE Band 5 , 1.4MHz Bandwidth,LOW,16QAM (99% OBW)

LTE Band 5 , 1.4MHz Bandwidth,LOW,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

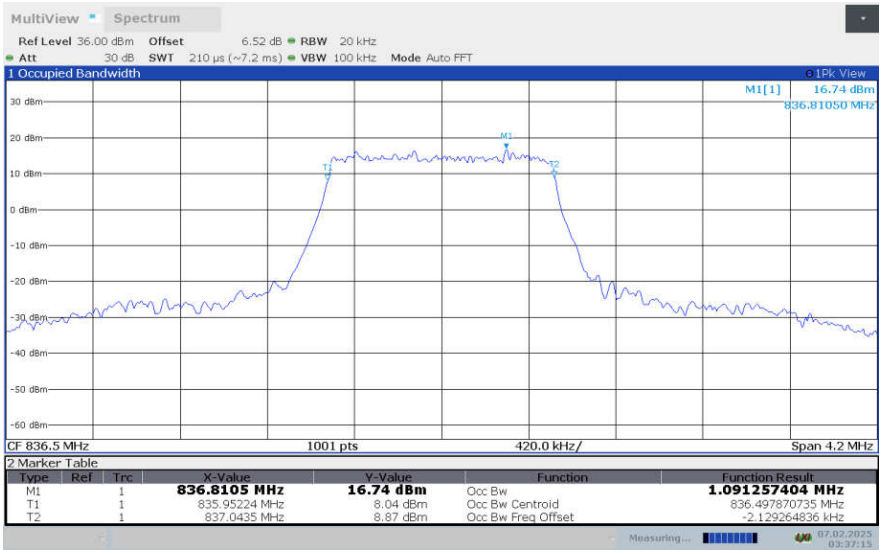


LTE Band 5 , 1.4MHz Bandwidth,MID,QPSK (99% OBW)



LTE Band 5 , 1.4MHz Bandwidth,MID,16QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

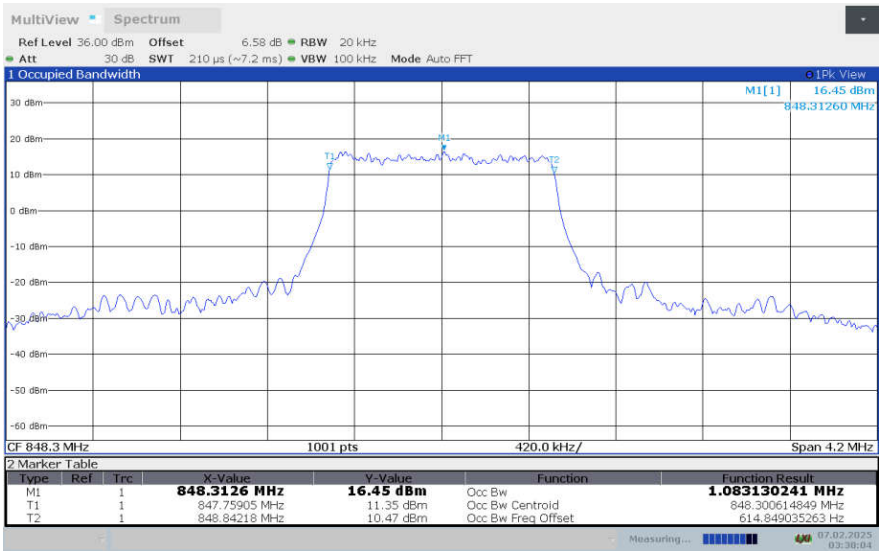


LTE Band 5 , 1.4MHz Bandwidth,MID,64QAM (99% OBW)

LTE Band 5 , 1.4MHz Bandwidth,HIGH,QPSK (99% OBW)

©Copyright. All rights reserved by SAICT.

LTE Band 5 , 1.4MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 5 , 1.4MHz Bandwidth,HIGH,64QAM (99% OBW)

©Copyright. All rights reserved by SAICT.

©Copyright. All rights reserved by SAICT.