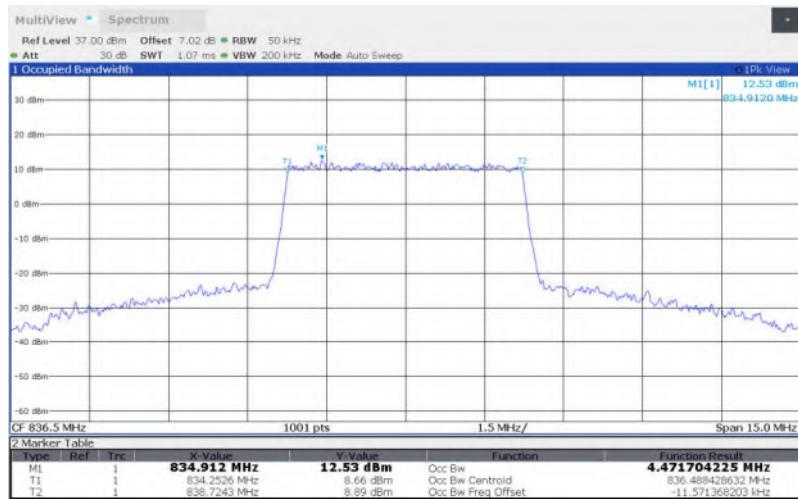
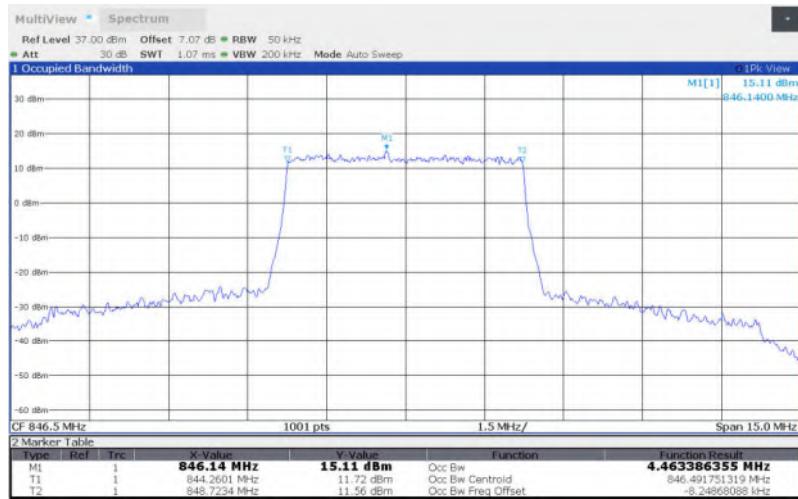


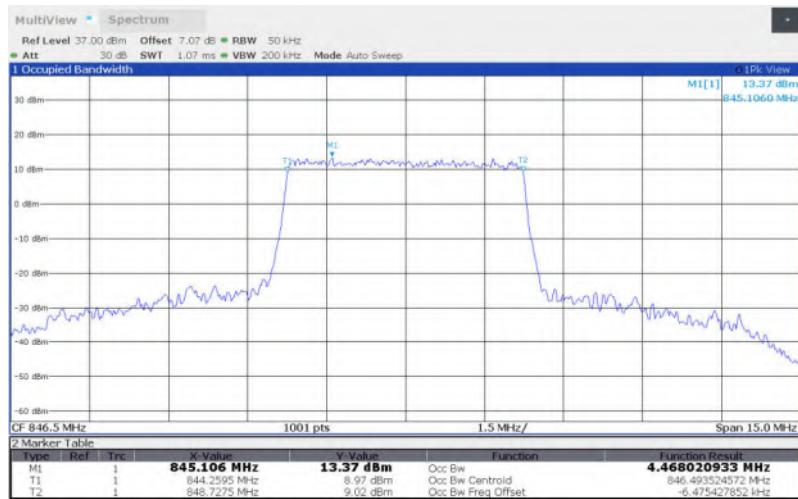
### LTE Band 5 , 5MHz Bandwidth,MID,64QAM (99% BW)



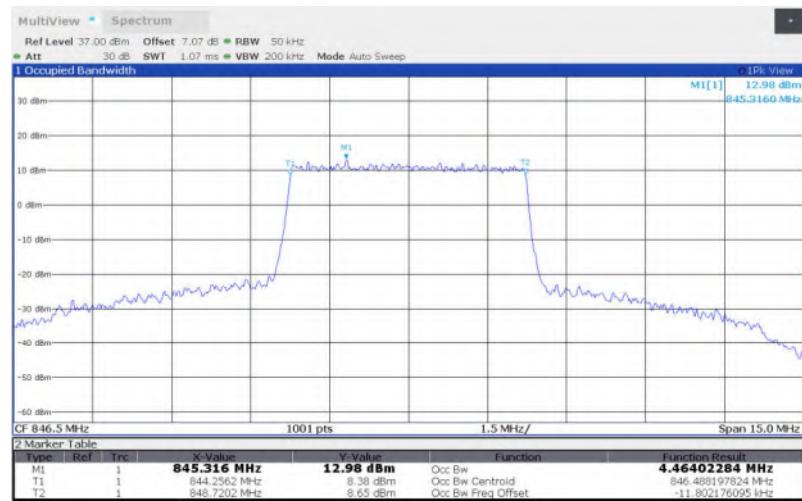
### LTE Band 5 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



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

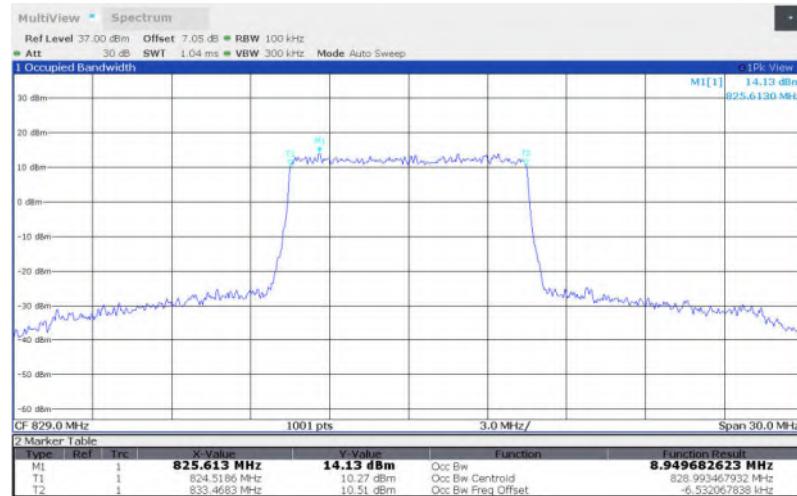
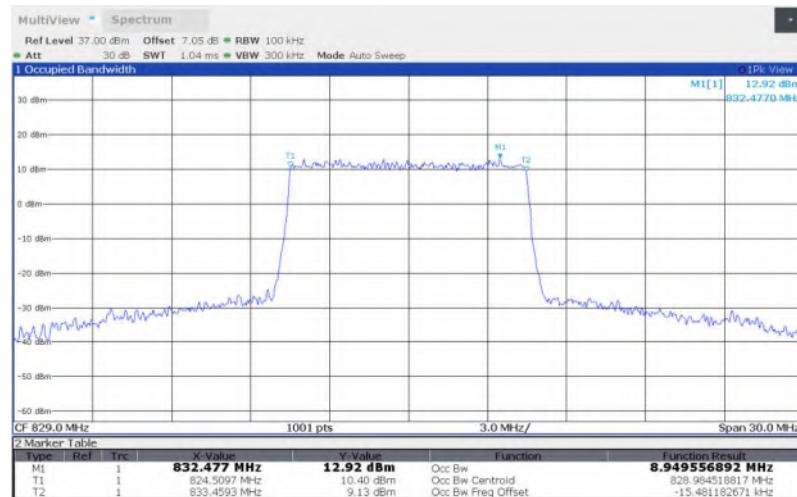


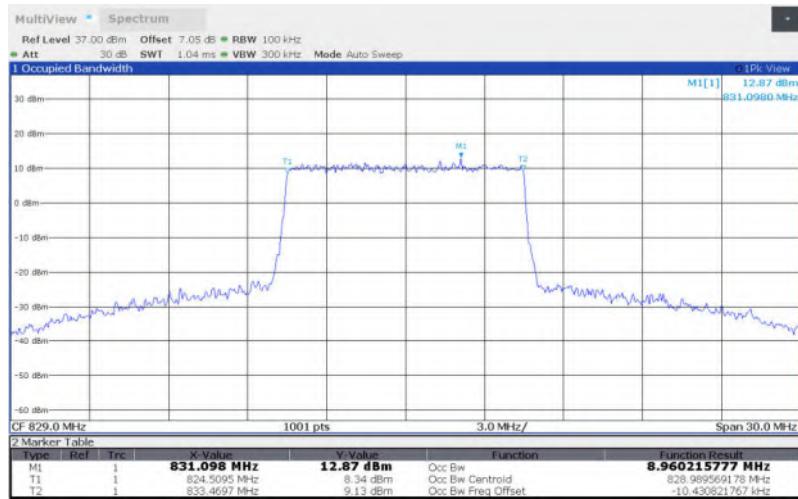
### LTE Band 5 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



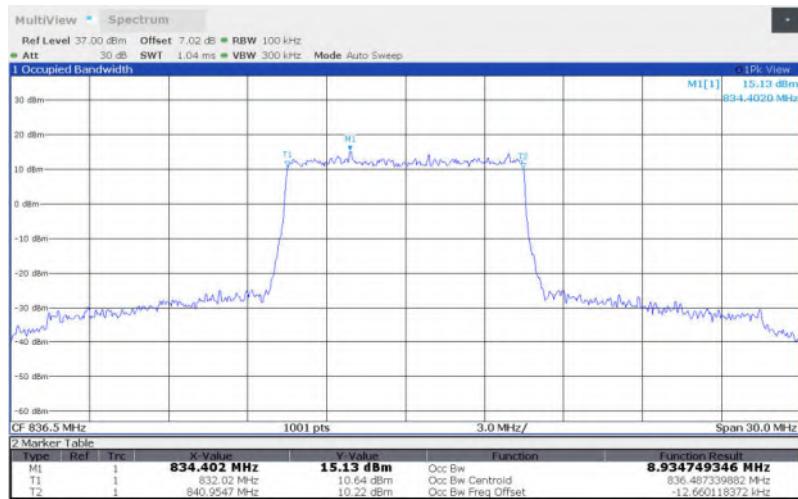
**LTE Band 5,10MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
829	8.950	8.950	8.960
836.5	8.935	8.953	8.953
844	8.938	8.945	8.941

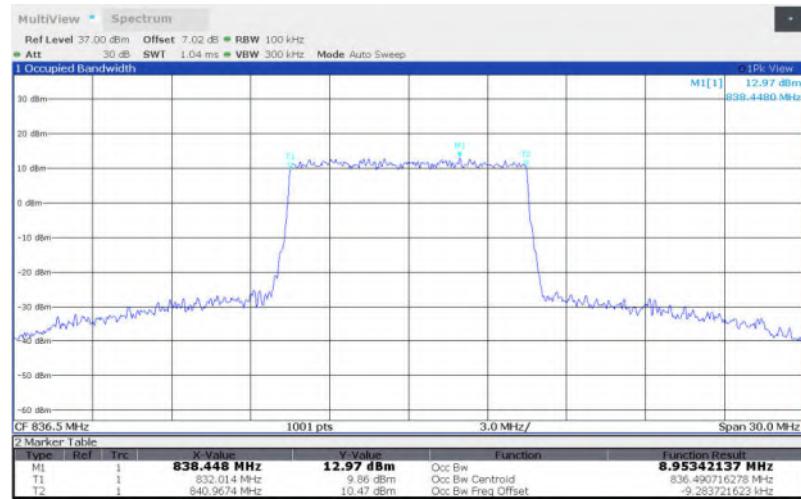
**LTE Band 5 , 10MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 5 , 10MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 5 , 10MHz Bandwidth,LOW,64QAM (99% BW)**



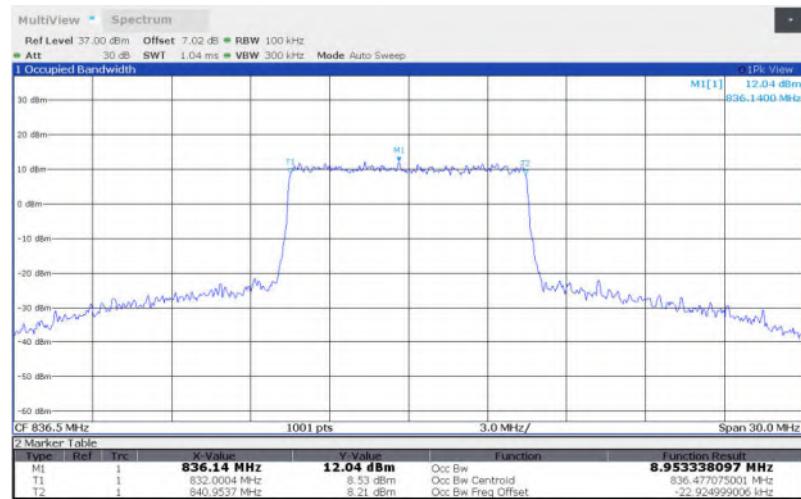
### LTE Band 5 , 10MHz Bandwidth,MID,QPSK (99% BW)



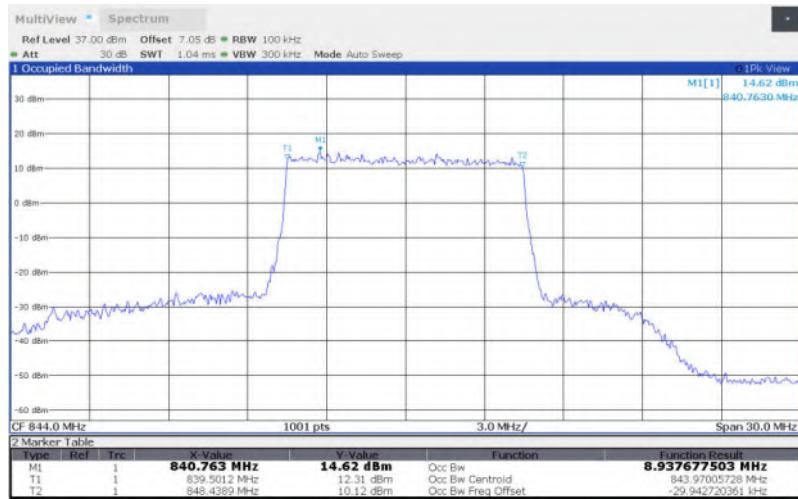
### LTE Band 5 , 10MHz Bandwidth,MID,16QAM (99% BW)



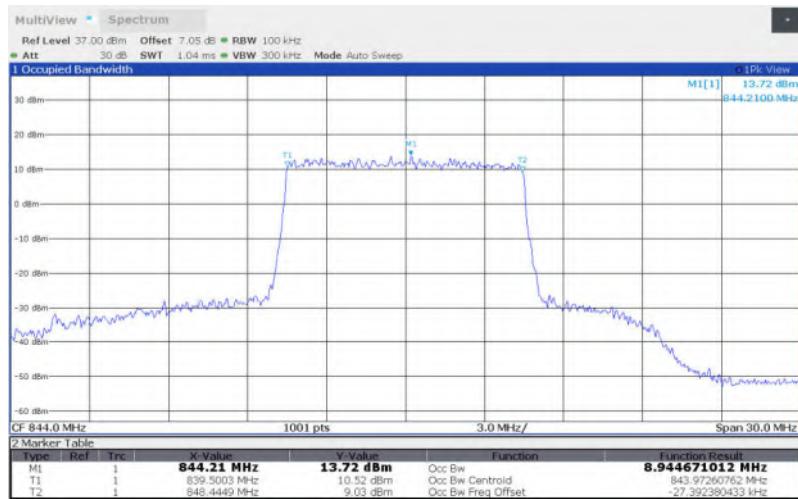
### LTE Band 5 , 10MHz Bandwidth,MID,64QAM (99% BW)



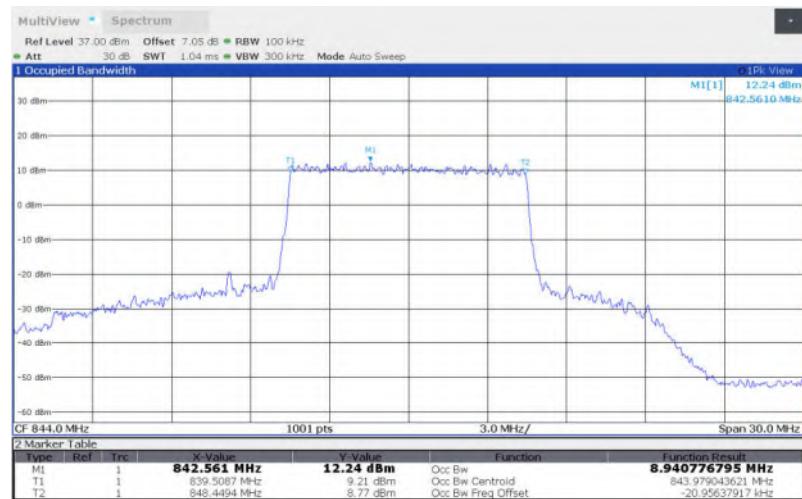
### LTE Band 5 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 5 , 10MHz Bandwidth,HIGH,16QAM (99% BW)

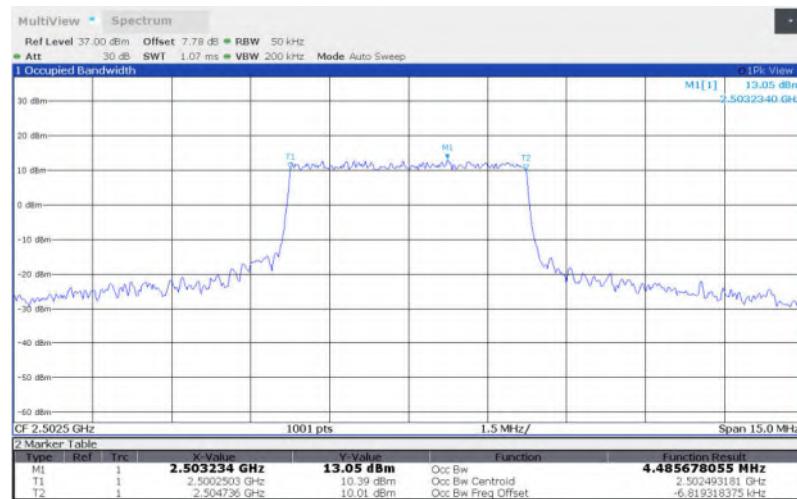
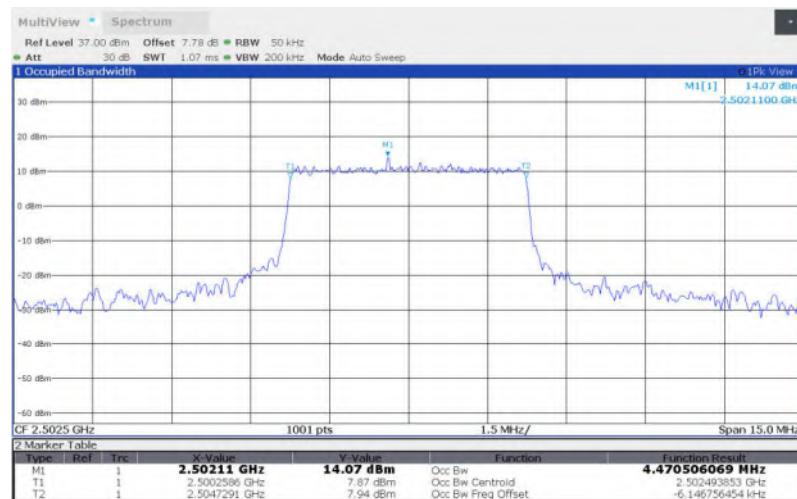


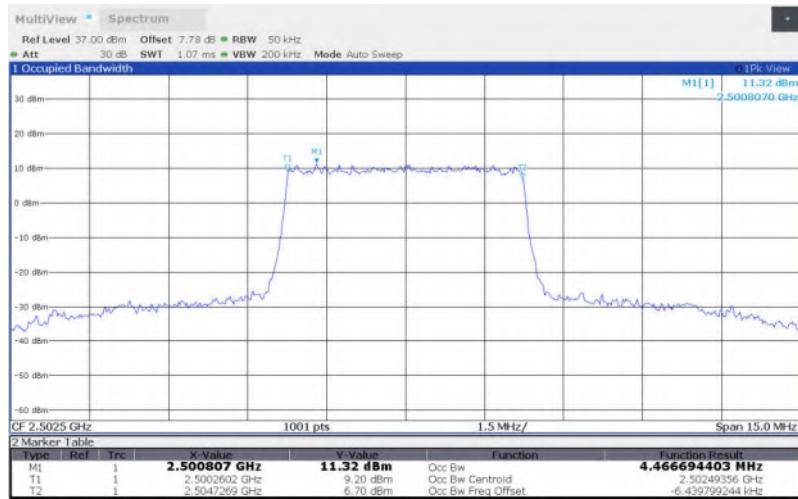
### LTE Band 5 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



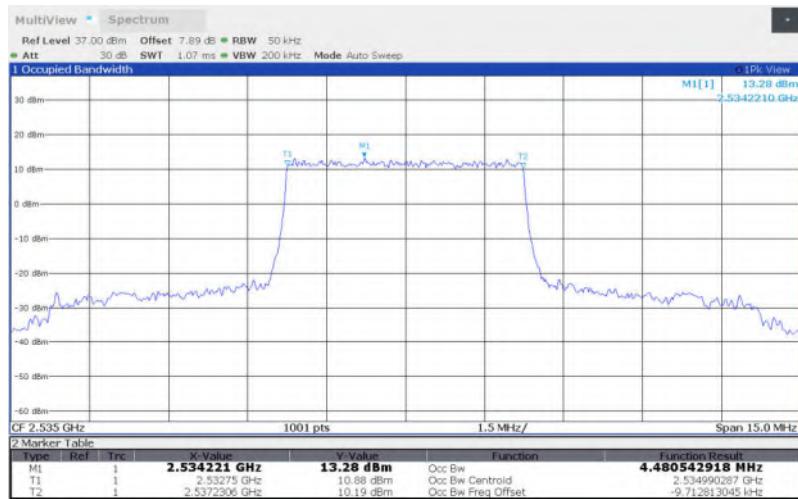
**LTE Band 7,5MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2502.5	4.486	4.471	4.467
2535	4.481	4.480	4.474
2567.5	4.466	4.471	4.467

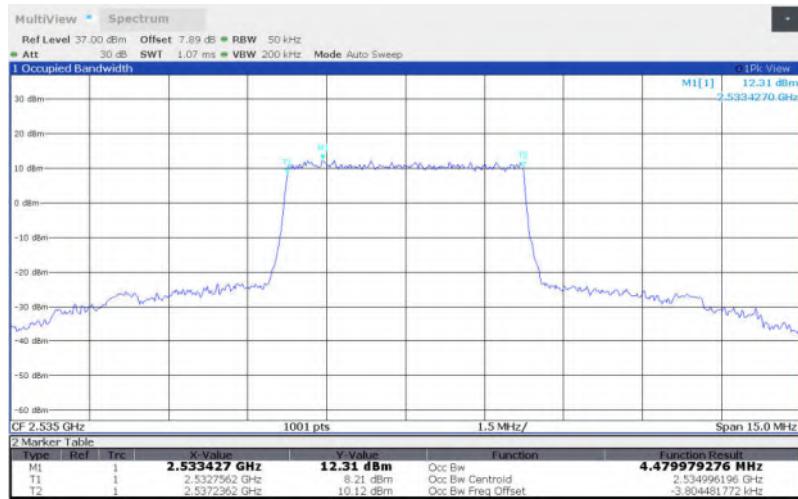
**LTE Band 7, 5MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 7, 5MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 7, 5MHz Bandwidth,LOW,64QAM (99% BW)**



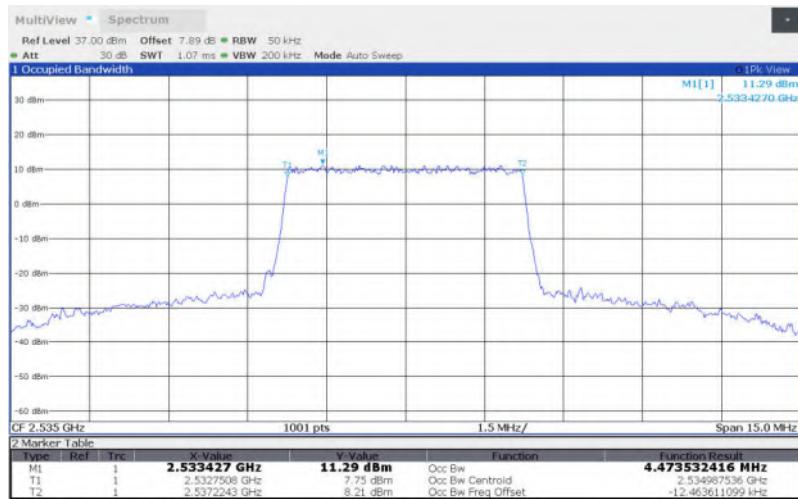
### LTE Band 7 , 5MHz Bandwidth,MID,QPSK (99% BW)



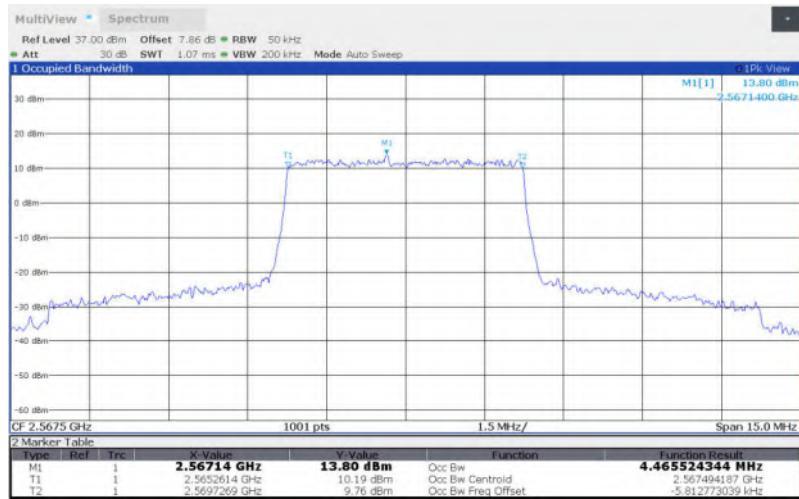
### LTE Band 7 , 5MHz Bandwidth,MID,16QAM (99% BW)



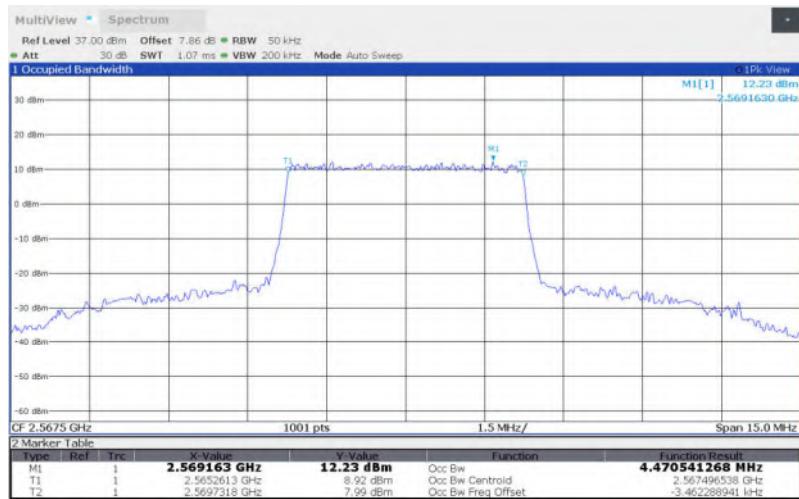
### LTE Band 7 , 5MHz Bandwidth,MID,64QAM (99% BW)



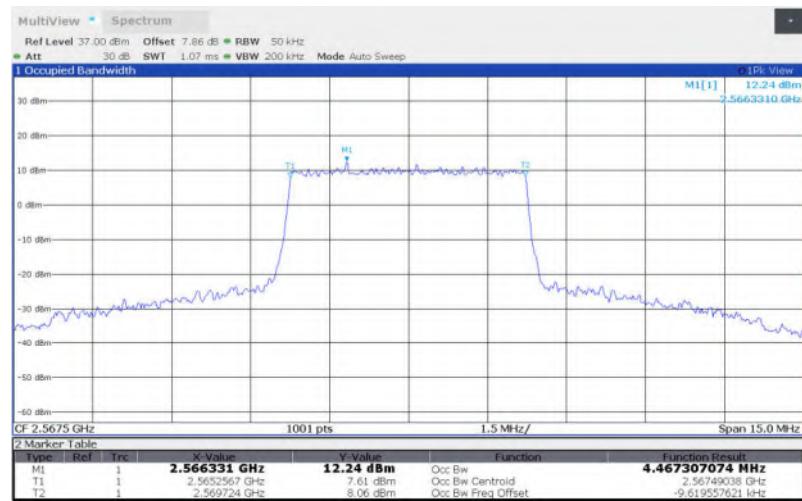
### LTE Band 7 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 7 , 5MHz Bandwidth,HIGH,16QAM (99% BW)

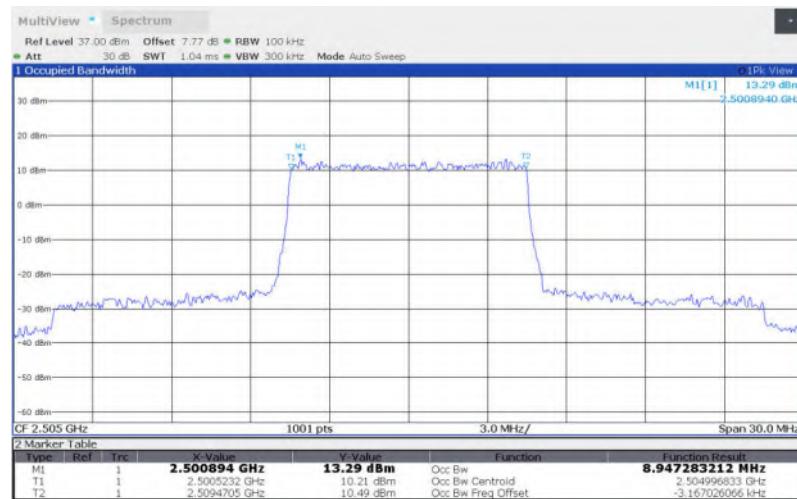
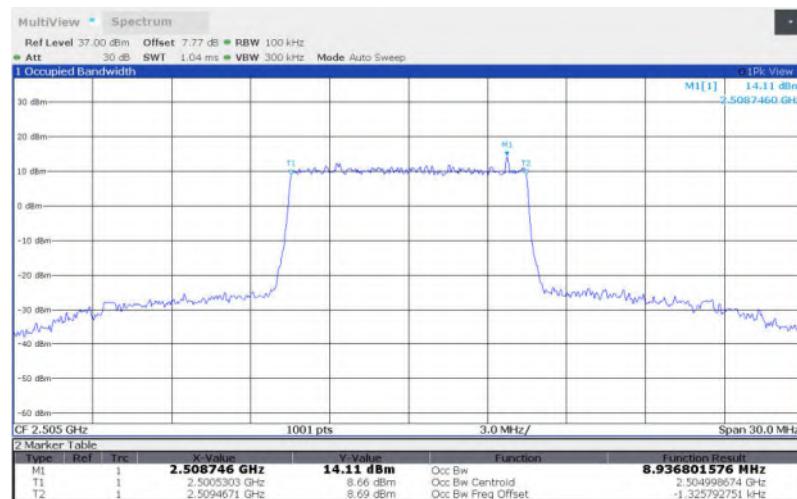


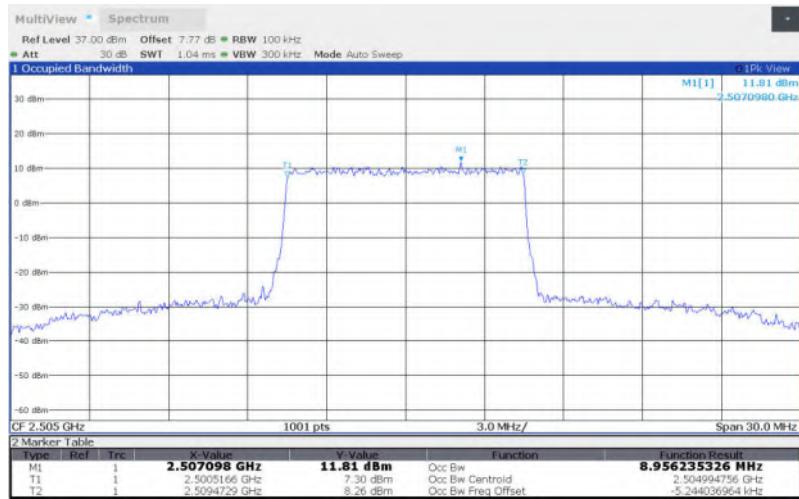
### LTE Band 7 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



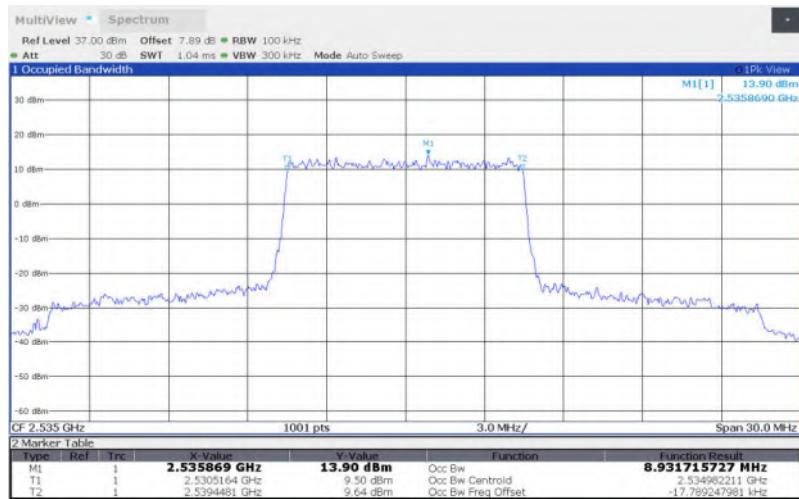
**LTE Band 7,10MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2505	8.947	8.937	8.956
2535	8.932	8.946	8.939
2565	8.943	8.947	8.953

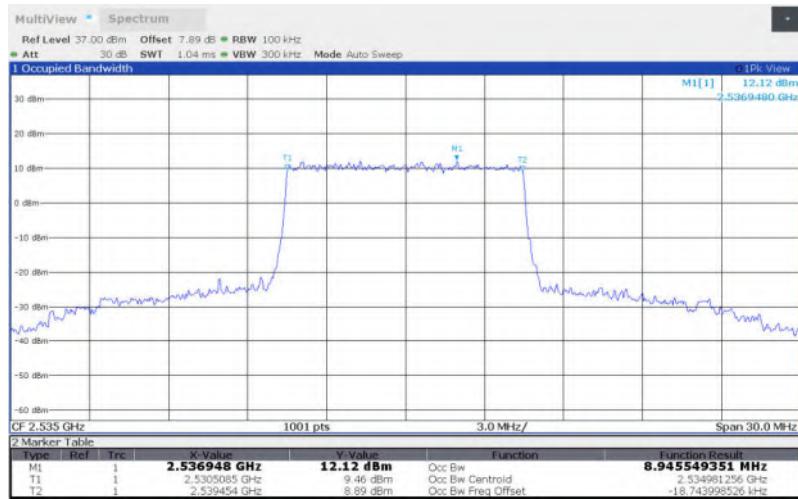
**LTE Band 7 , 10MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 7 , 10MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 7 , 10MHz Bandwidth,LOW,64QAM (99% BW)**



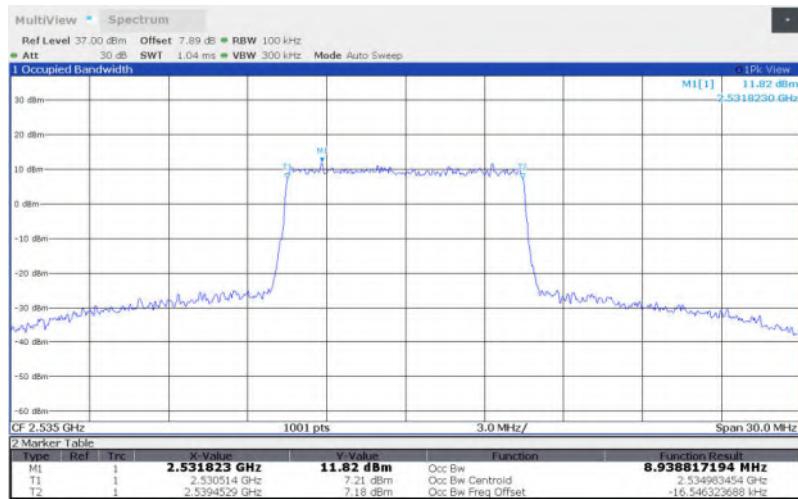
### LTE Band 7 , 10MHz Bandwidth,MID,QPSK (99% BW)



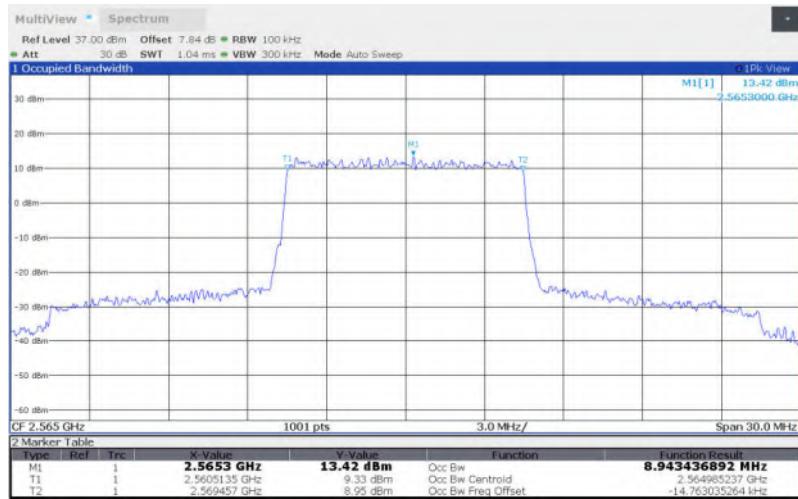
### LTE Band 7 , 10MHz Bandwidth,MID,16QAM (99% BW)



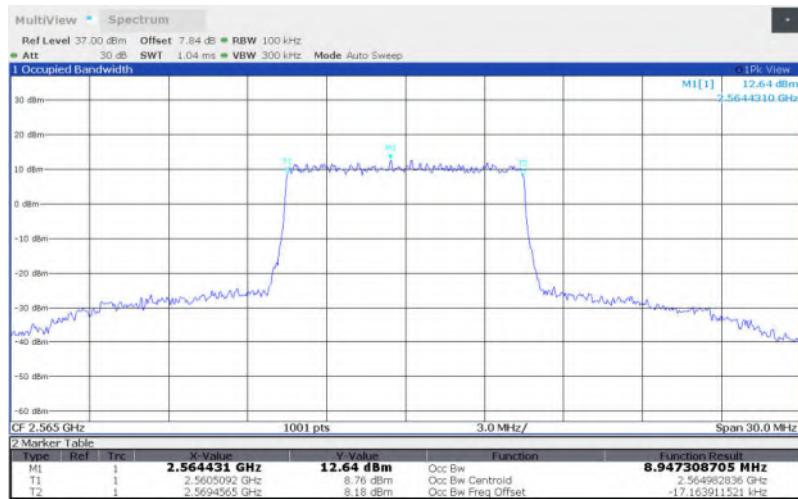
### LTE Band 7 , 10MHz Bandwidth,MID,64QAM (99% BW)



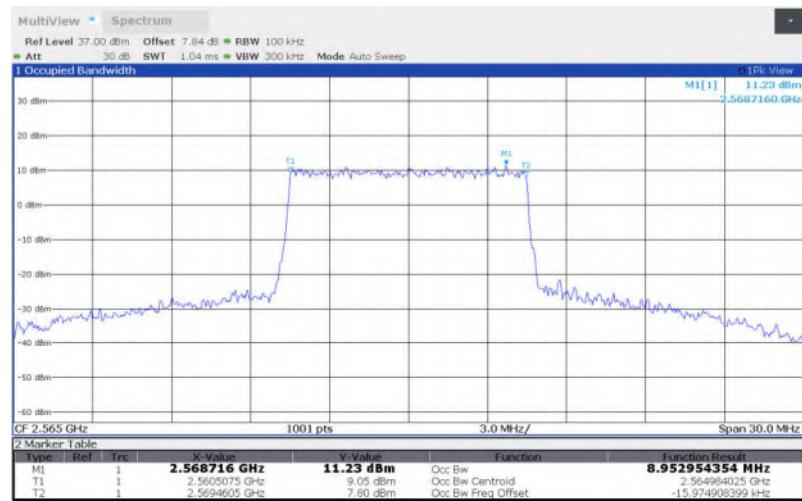
### LTE Band 7 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 7 , 10MHz Bandwidth,HIGH,16QAM (99% BW)

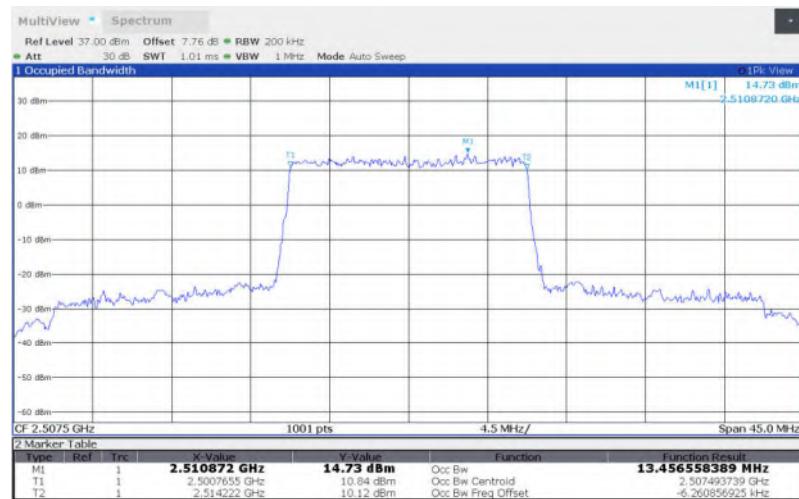
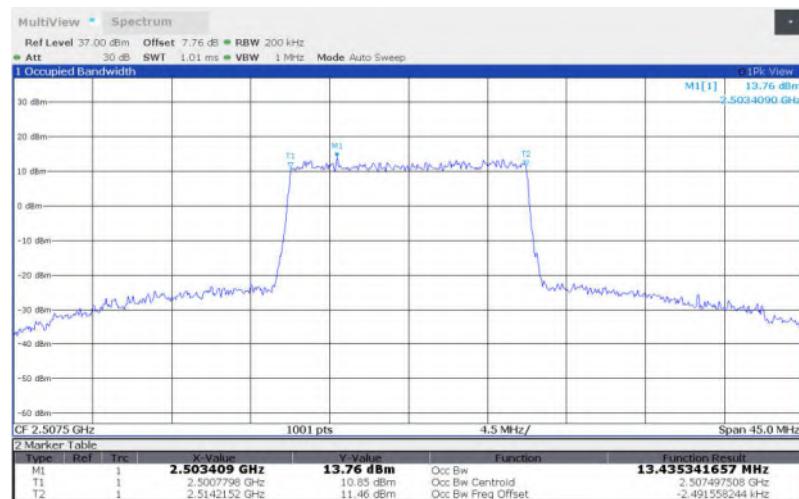


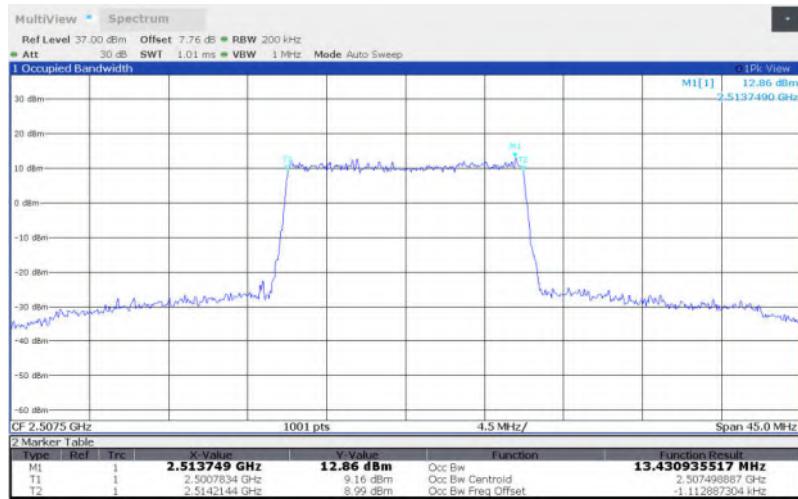
### LTE Band 7 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



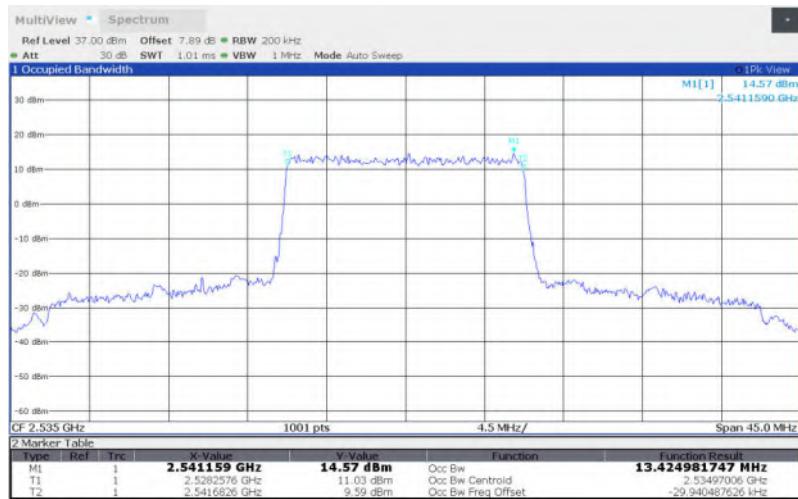
**LTE Band 7,15MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2507.5	13.457	13.435	13.431
2535	13.425	13.464	13.472
2562.5	13.398	13.432	13.436

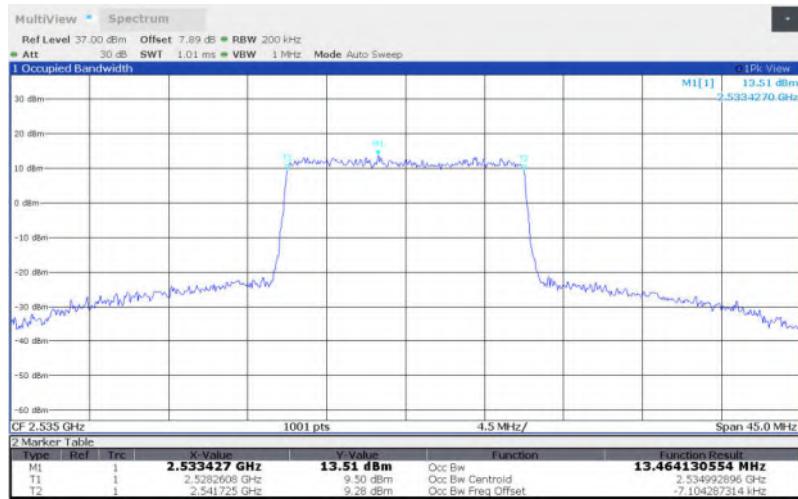
**LTE Band 7 , 15MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 7 , 15MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 7 , 15MHz Bandwidth,LOW,64QAM (99% BW)**



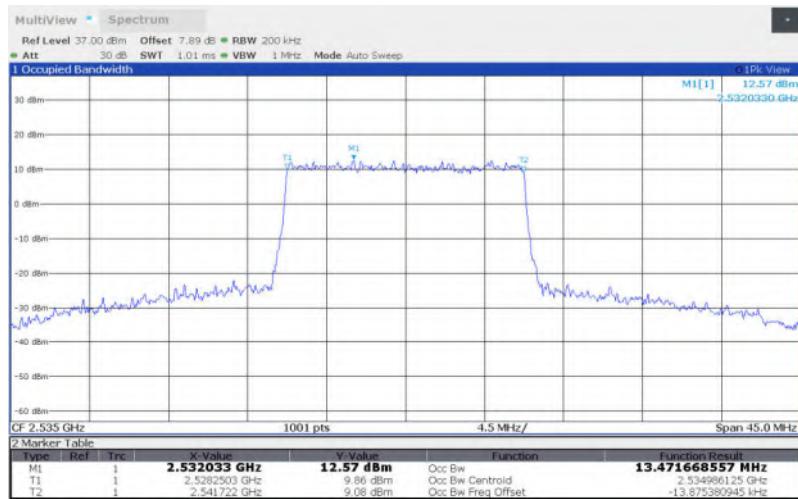
### LTE Band 7 , 15MHz Bandwidth,MID,QPSK (99% BW)



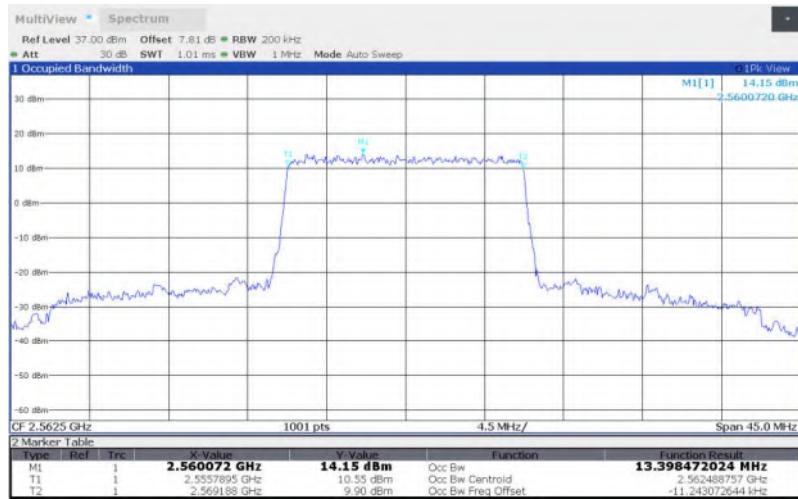
### LTE Band 7 , 15MHz Bandwidth,MID,16QAM (99% BW)



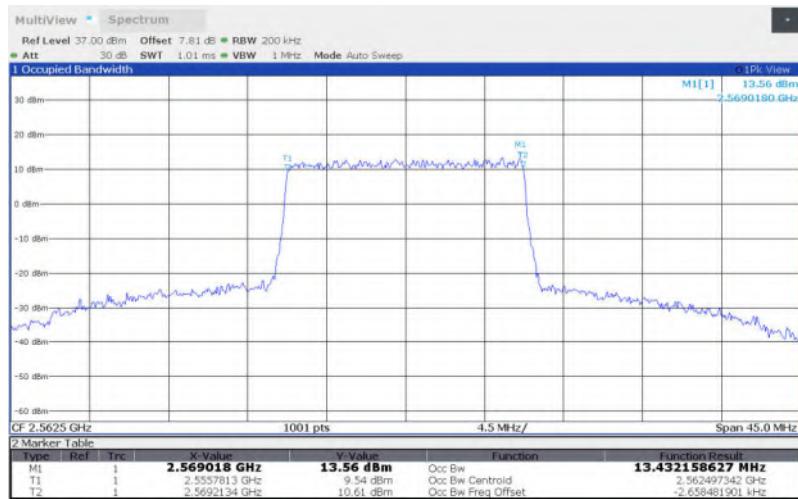
### LTE Band 7 , 15MHz Bandwidth,MID,64QAM (99% BW)



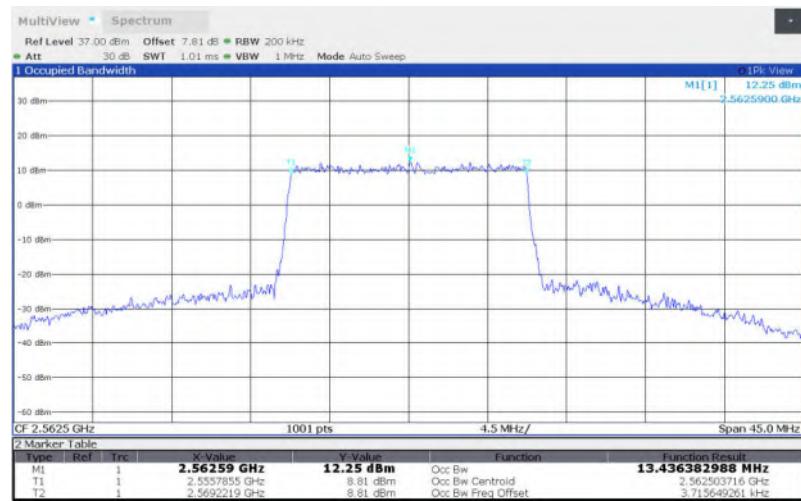
### LTE Band 7 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 7 , 15MHz Bandwidth,HIGH,16QAM (99% BW)

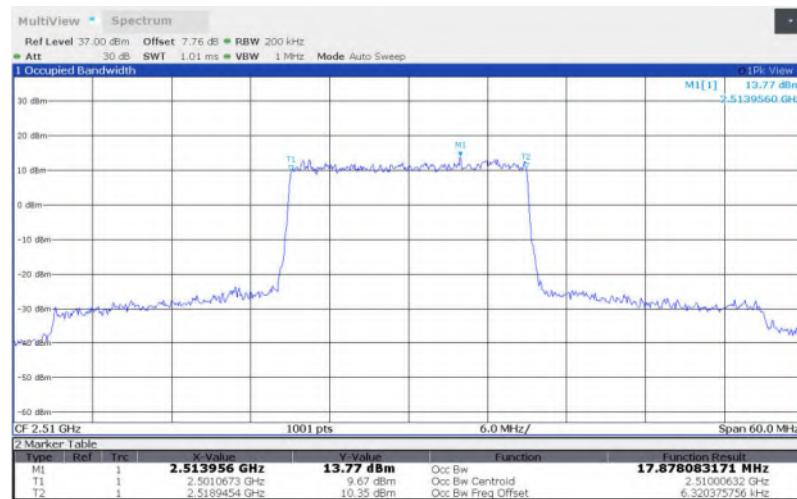
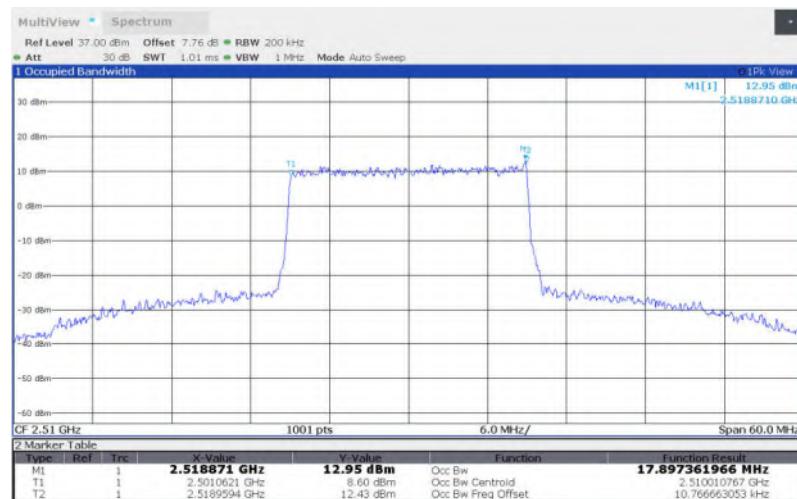


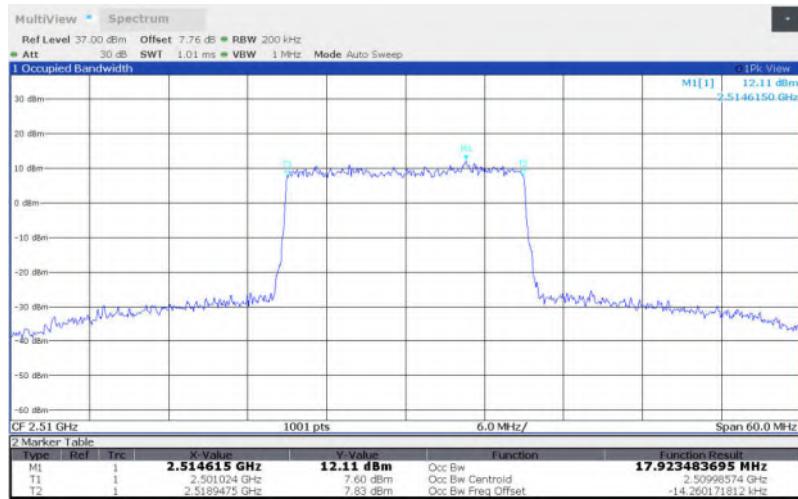
### LTE Band 7 , 15MHz Bandwidth,HIGH,64QAM (99% BW)



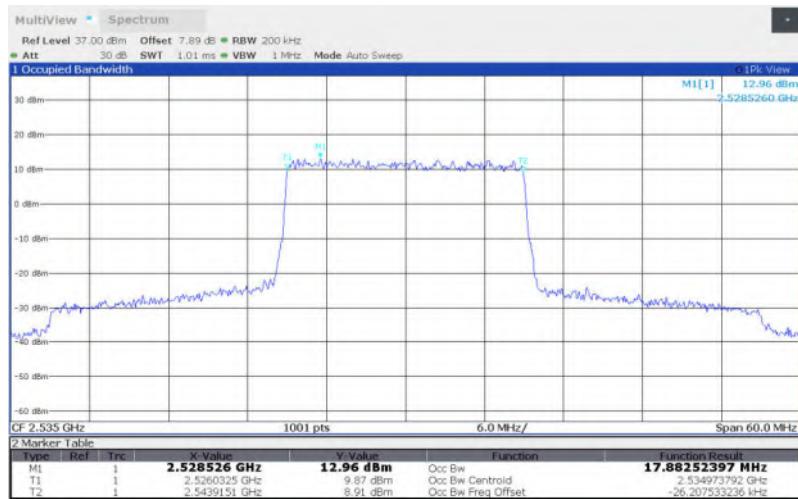
**LTE Band 7,20MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2510	17.878	17.897	17.923
2535	17.883	17.925	17.896
2560	17.903	17.892	17.902

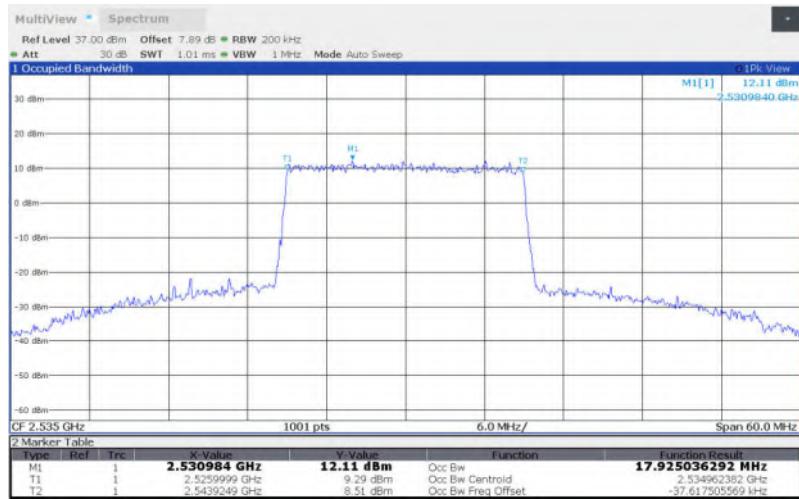
**LTE Band 7 , 20MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 7 , 20MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 7 , 20MHz Bandwidth,LOW,64QAM (99% BW)**



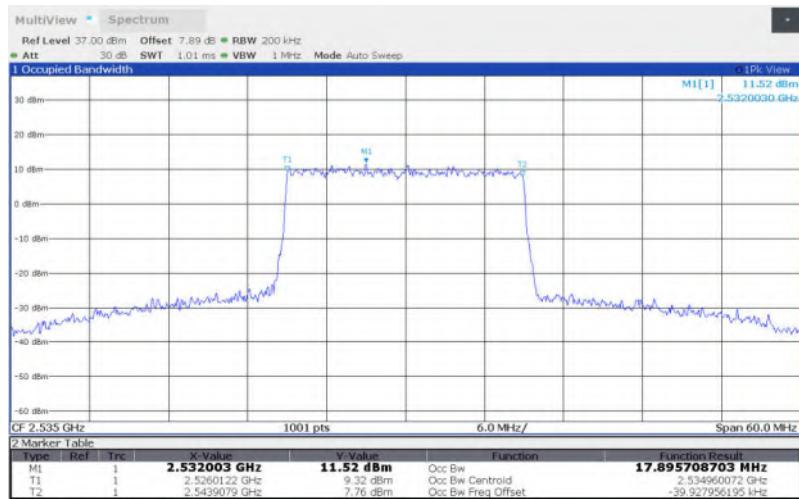
### LTE Band 7 , 20MHz Bandwidth,MID,QPSK (99% BW)



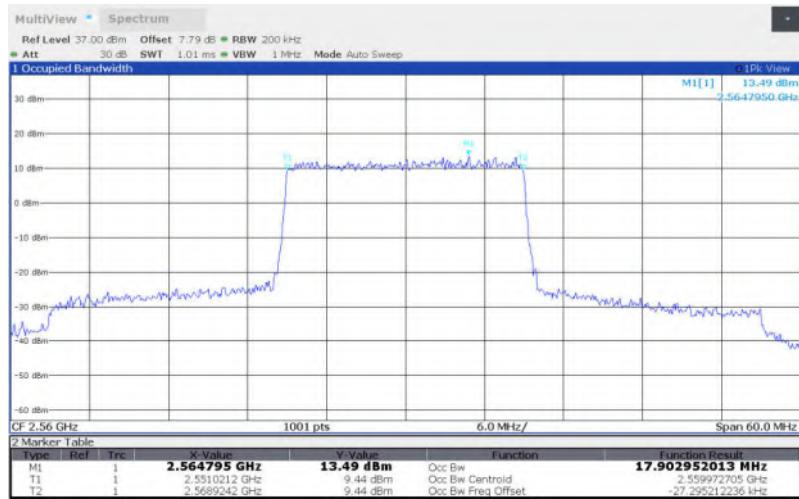
### LTE Band 7 , 20MHz Bandwidth,MID,16QAM (99% BW)



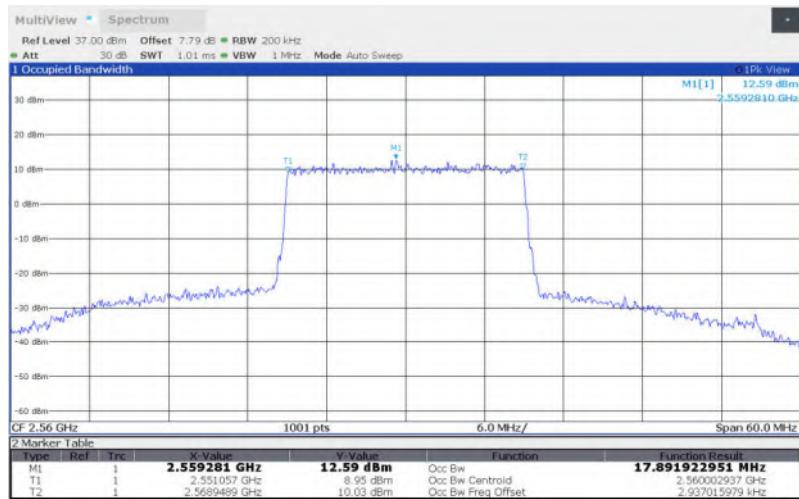
### LTE Band 7 , 20MHz Bandwidth,MID,64QAM (99% BW)



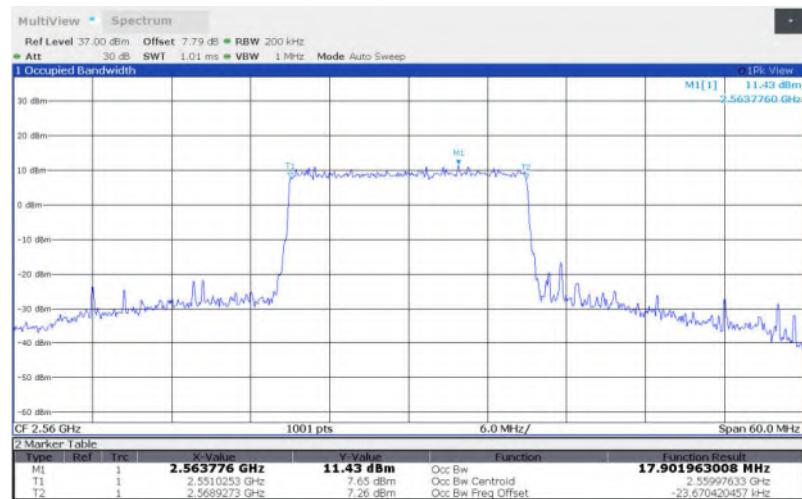
### LTE Band 7 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 7 , 20MHz Bandwidth,HIGH,16QAM (99% BW)

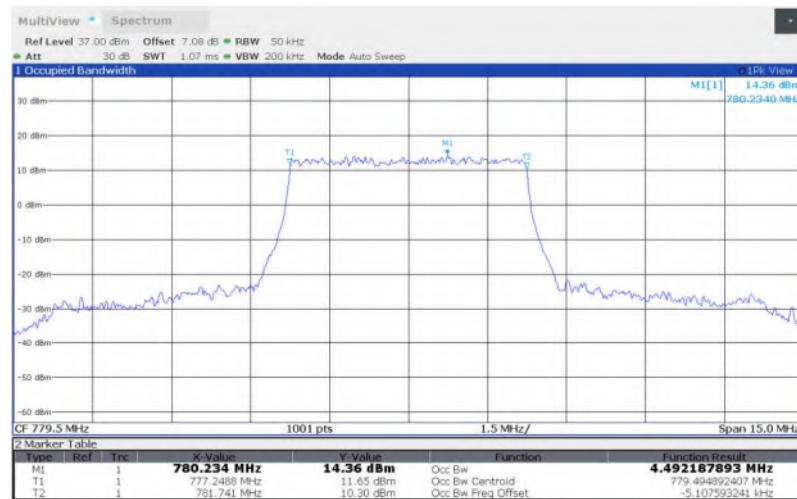


### LTE Band 7 , 20MHz Bandwidth,HIGH,64QAM (99% BW)

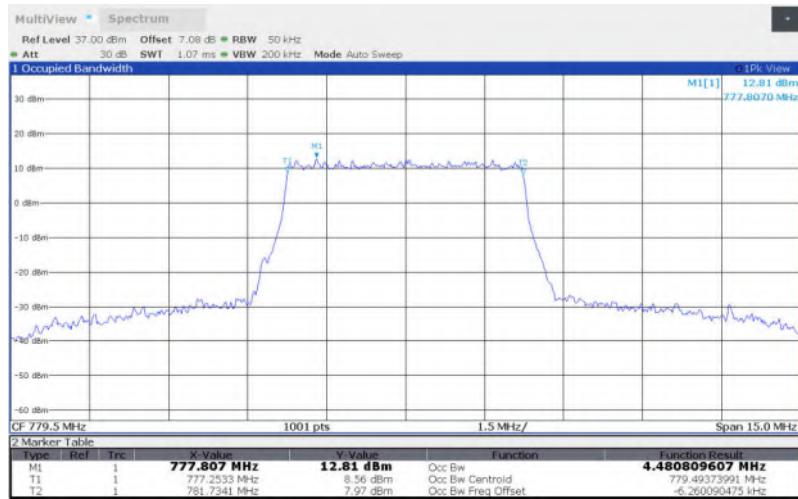


**LTE Band 13,5MHz(99% BW)**

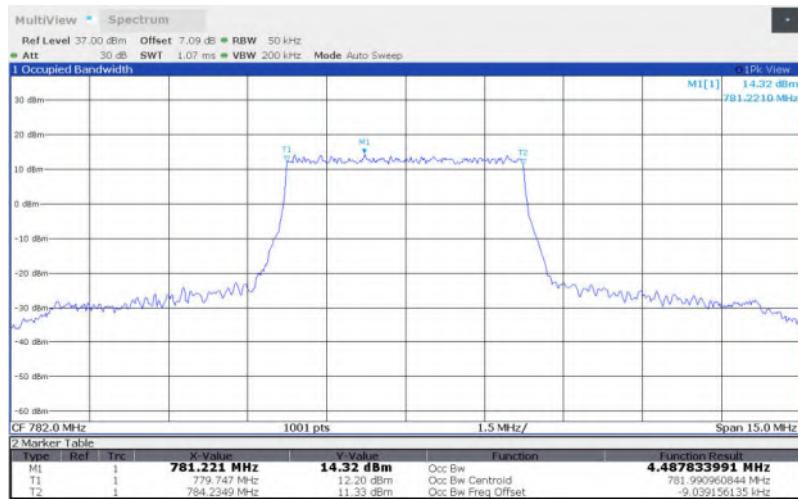
Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
779.5	4.492	4.481	4.481
782	4.488	4.490	4.489
784.5	4.473	4.486	4.477

**LTE Band 13, 5MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 13, 5MHz Bandwidth,LOW,16QAM (99% BW)**

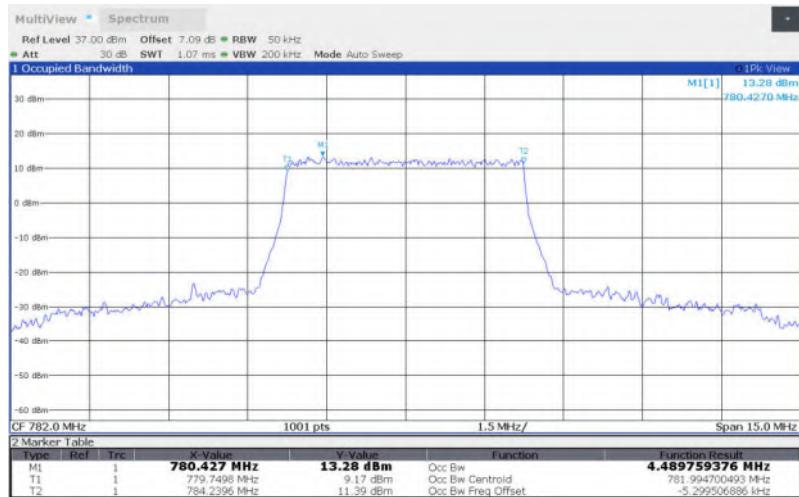
**LTE Band 13, 5MHz Bandwidth,LOW,64QAM (99% BW)**



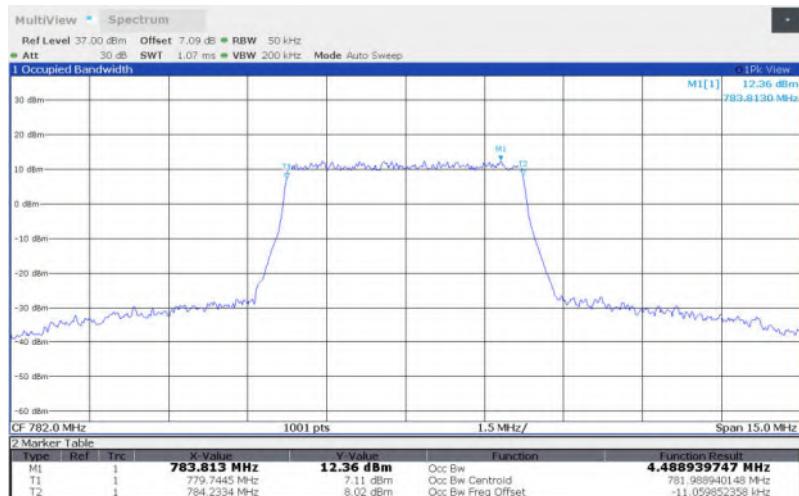
### LTE Band 13 , 5MHz Bandwidth,MID,QPSK (99% BW)



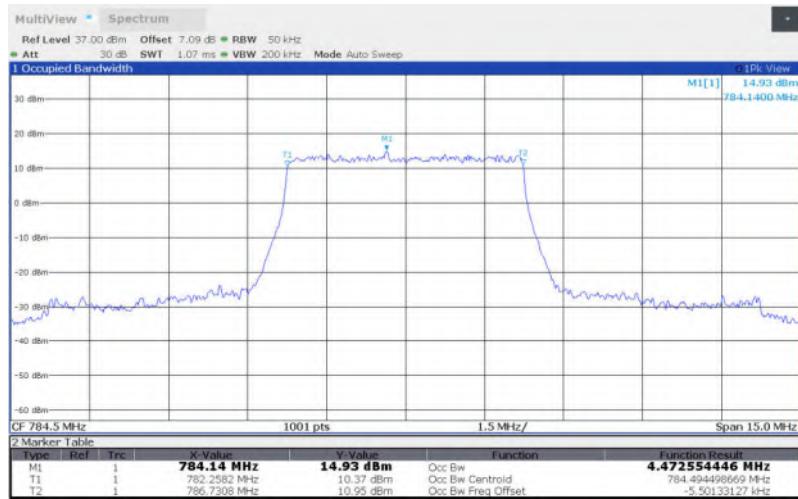
### LTE Band 13 , 5MHz Bandwidth,MID,16QAM (99% BW)



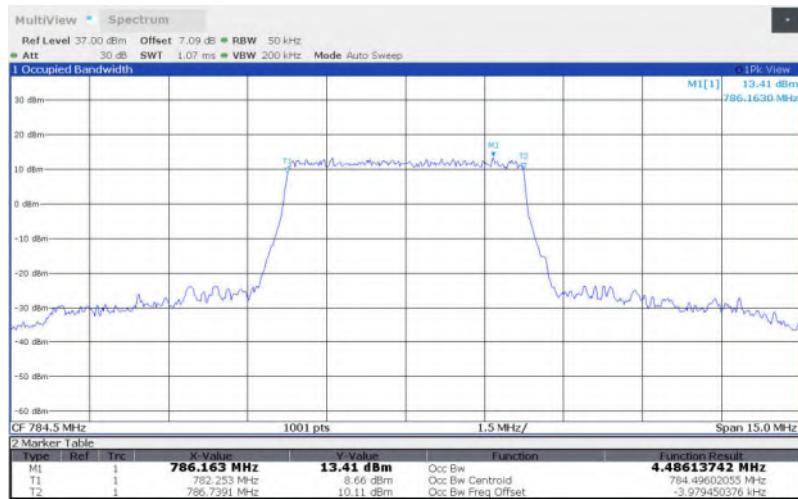
### LTE Band 13 , 5MHz Bandwidth,MID,64QAM (99% BW)



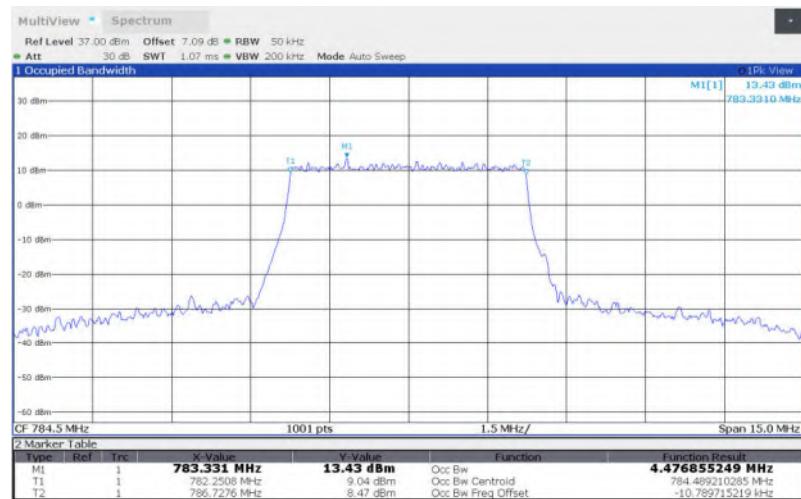
### LTE Band 13 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 13 , 5MHz Bandwidth,HIGH,16QAM (99% BW)

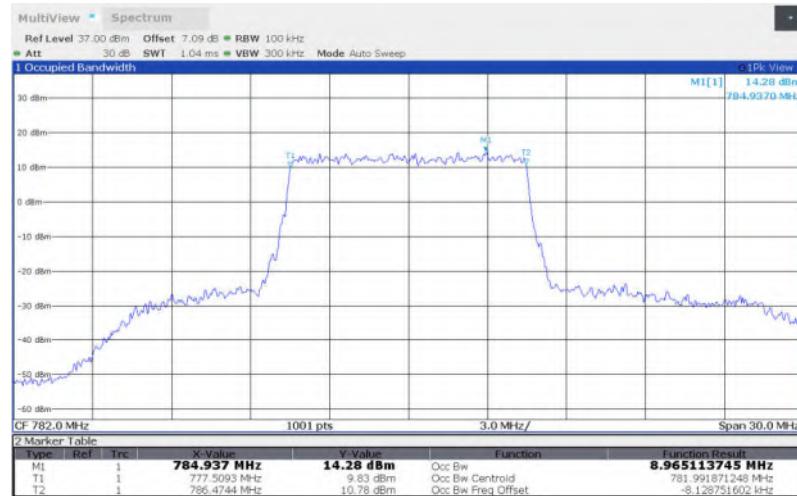
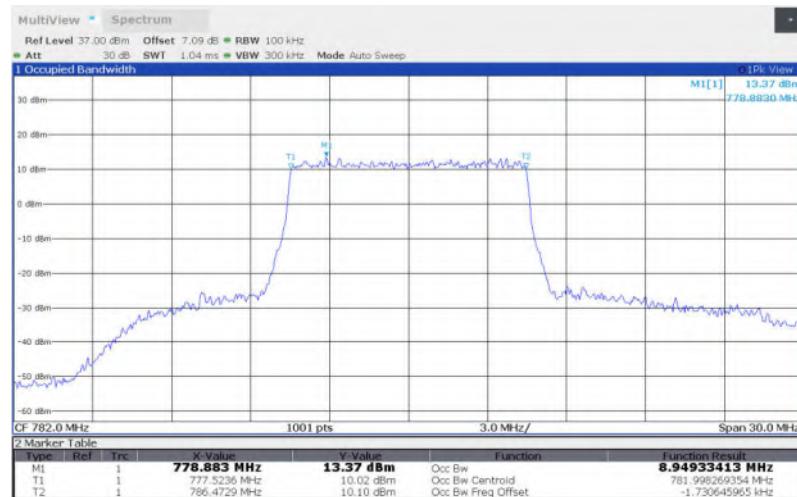


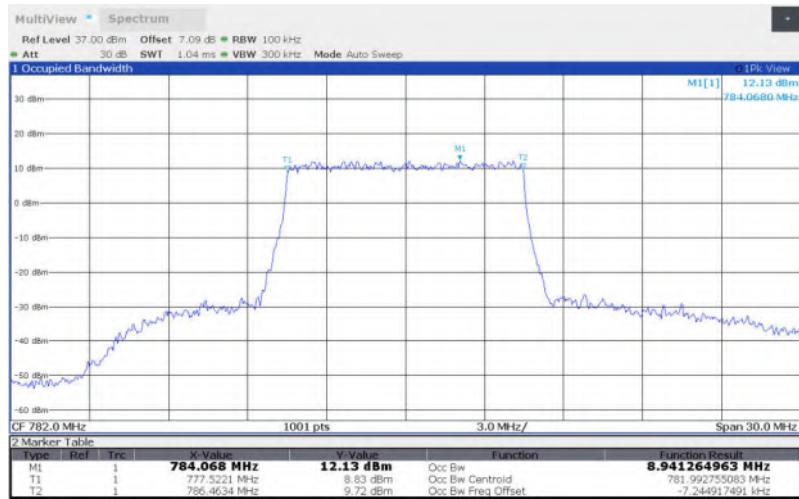
### LTE Band 13 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



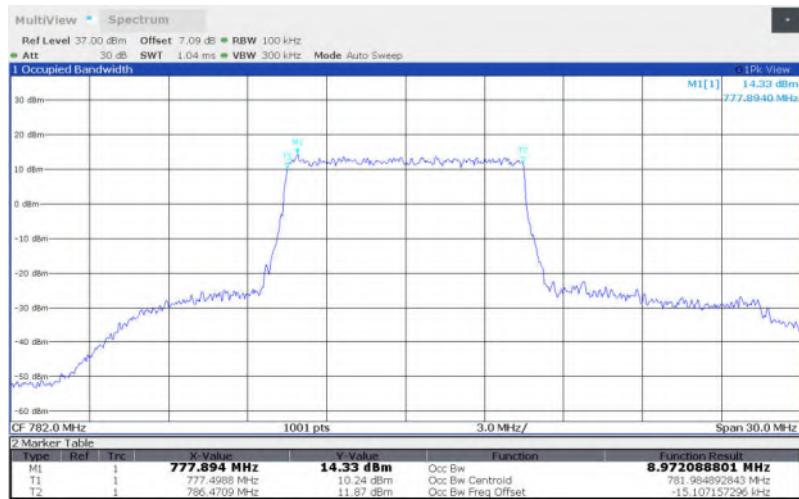
**LTE Band 13,10MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
782	8.965	8.949	8.941
782	8.972	8.957	8.947
782	8.957	8.944	8.962

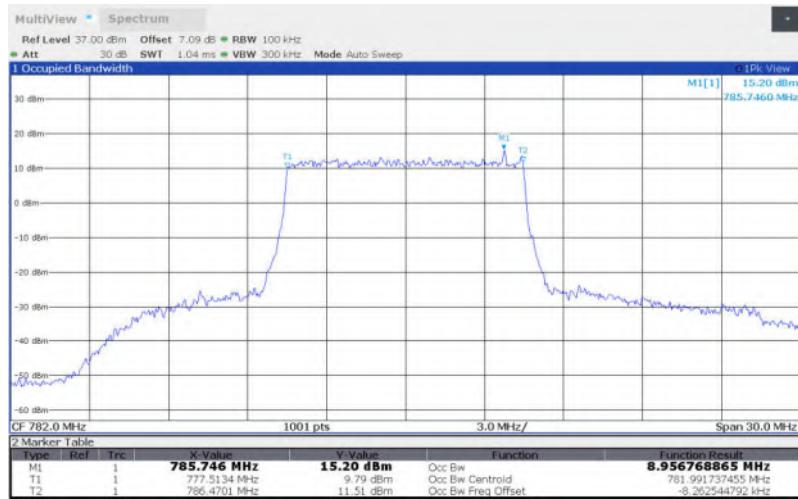
**LTE Band 13 , 10MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 13 , 10MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 13 , 10MHz Bandwidth,LOW,64QAM (99% BW)**



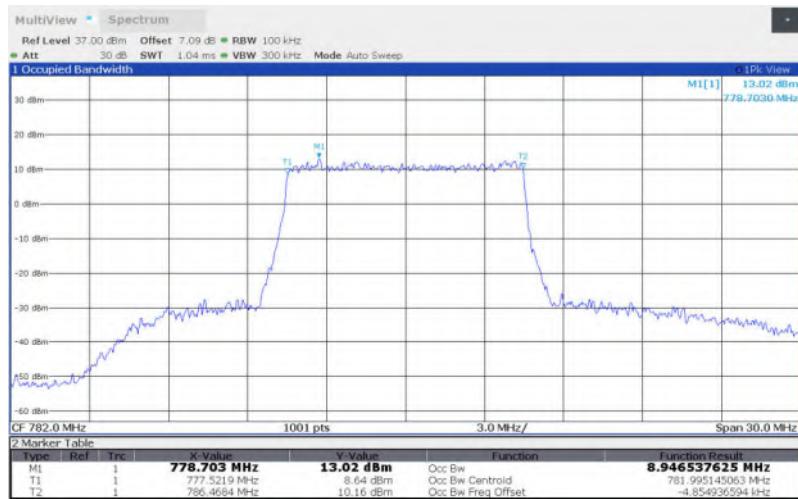
### LTE Band 13 , 10MHz Bandwidth,MID,QPSK (99% BW)



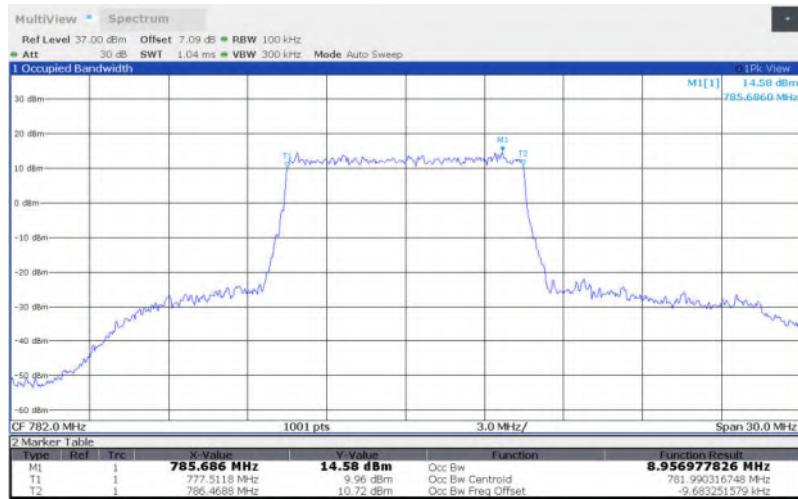
### LTE Band 13 , 10MHz Bandwidth,MID,16QAM (99% BW)



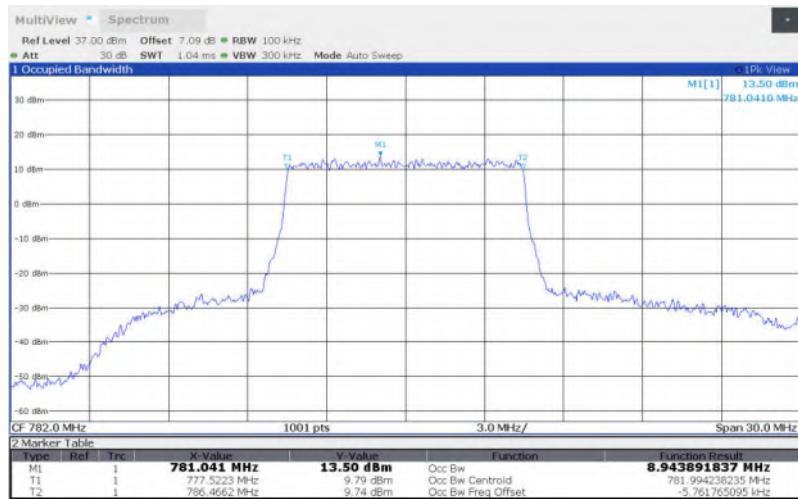
### LTE Band 13 , 10MHz Bandwidth,MID,64QAM (99% BW)



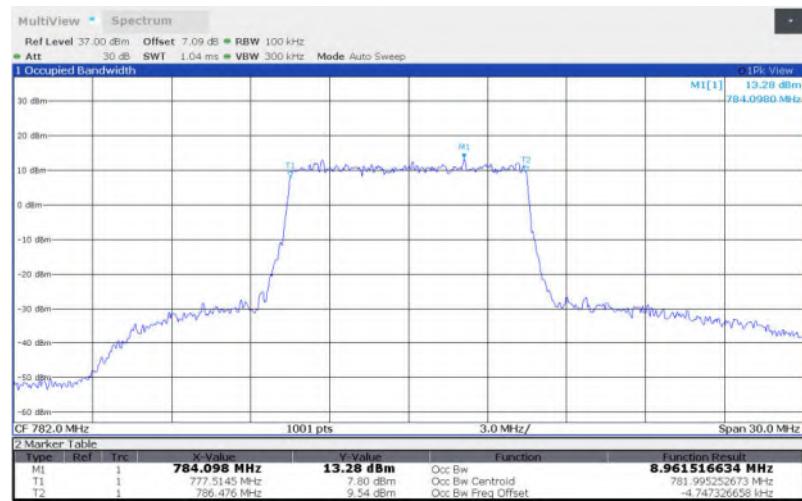
### LTE Band 13 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 13 , 10MHz Bandwidth,HIGH,16QAM (99% BW)

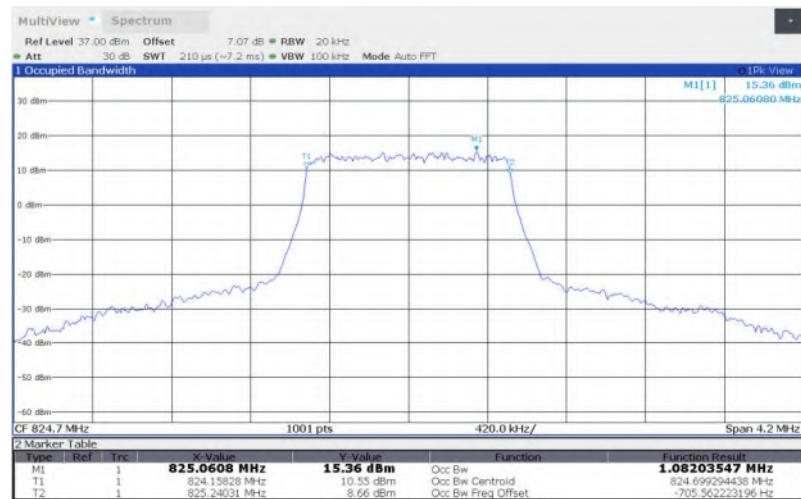
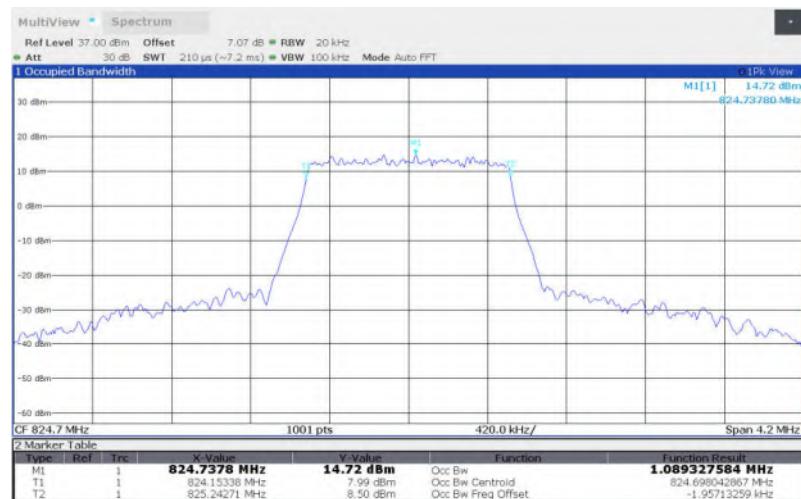


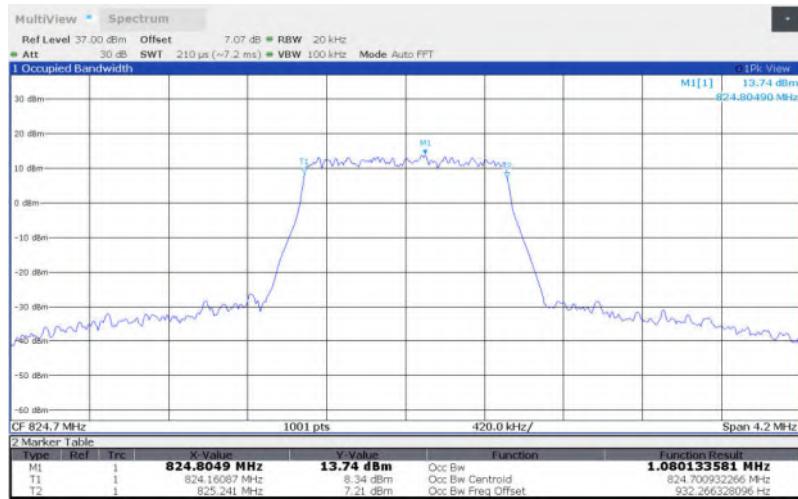
### LTE Band 13 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



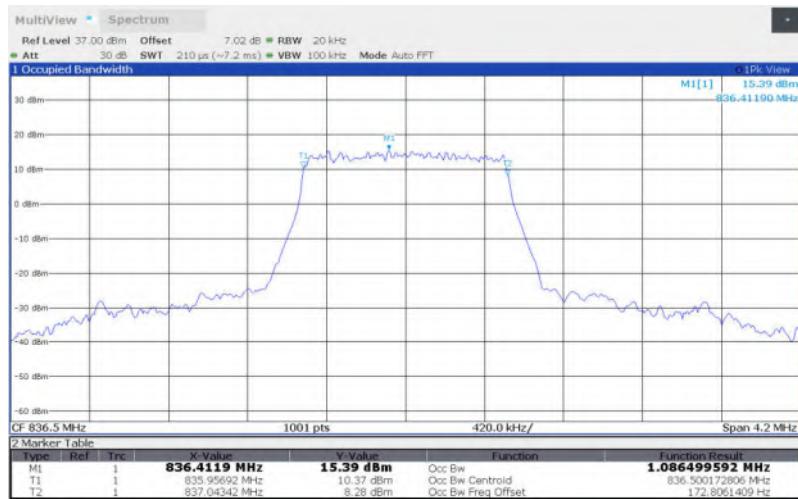
**LTE Band 26(824MHz-849MHz),1.4MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
824.7	1.082	1.089	1.080
836.5	1.086	1.082	1.087
848.3	1.091	1.086	1.082

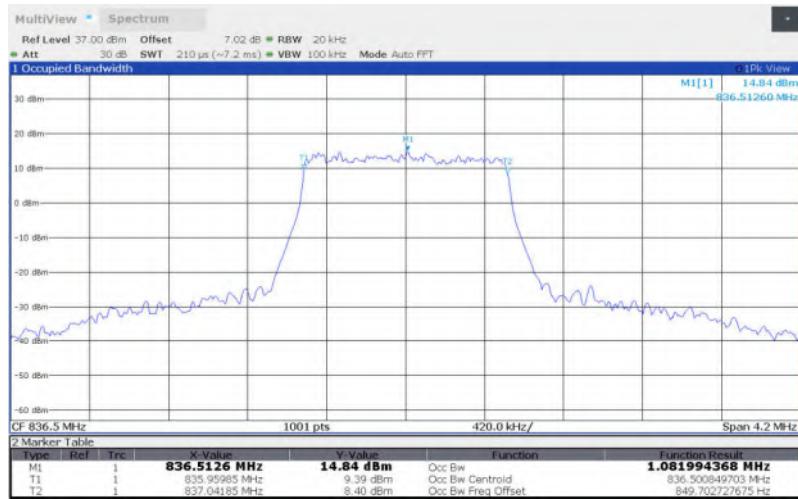
**LTE Band 26 , 1.4MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 1.4MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 1.4MHz Bandwidth,LOW,64QAM (99% BW)**



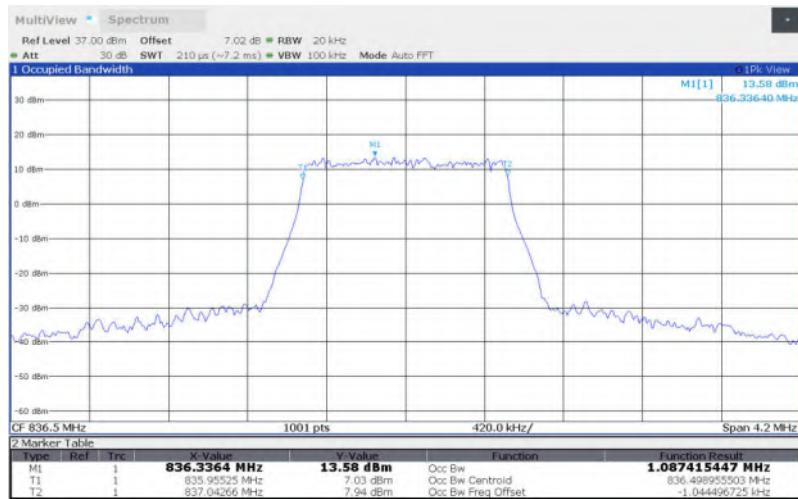
### LTE Band 26 , 1.4MHz Bandwidth,MID,QPSK (99% BW)



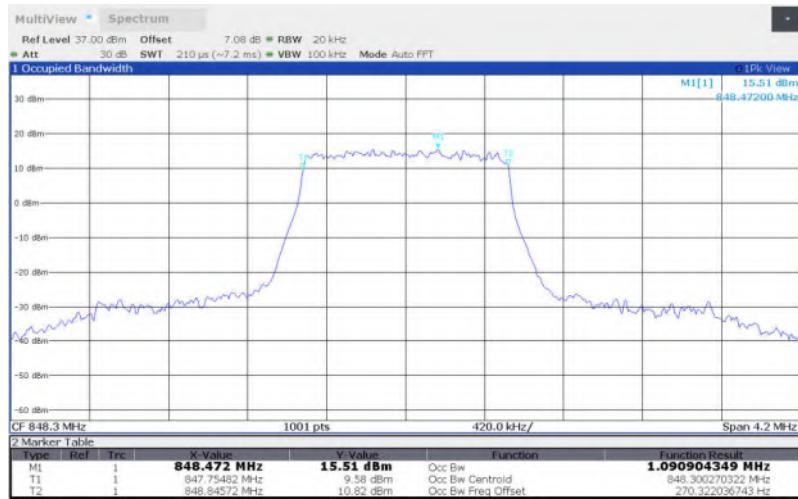
### LTE Band 26 , 1.4MHz Bandwidth,MID,16QAM (99% BW)



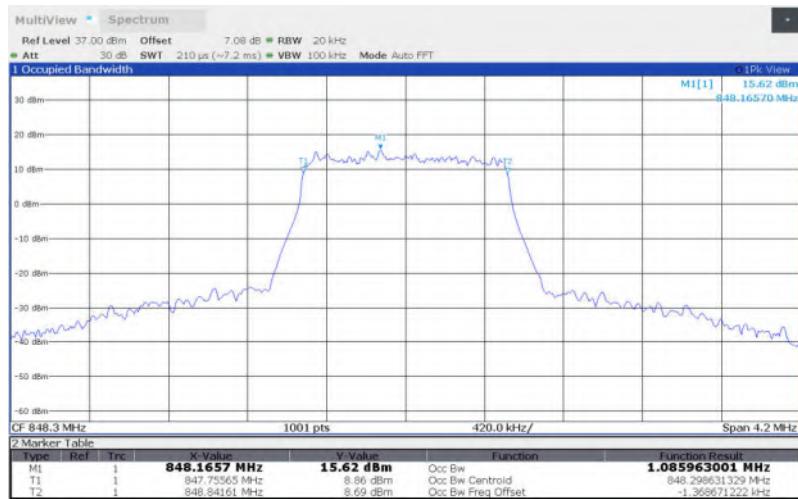
### LTE Band 26 , 1.4MHz Bandwidth,MID,64QAM (99% BW)



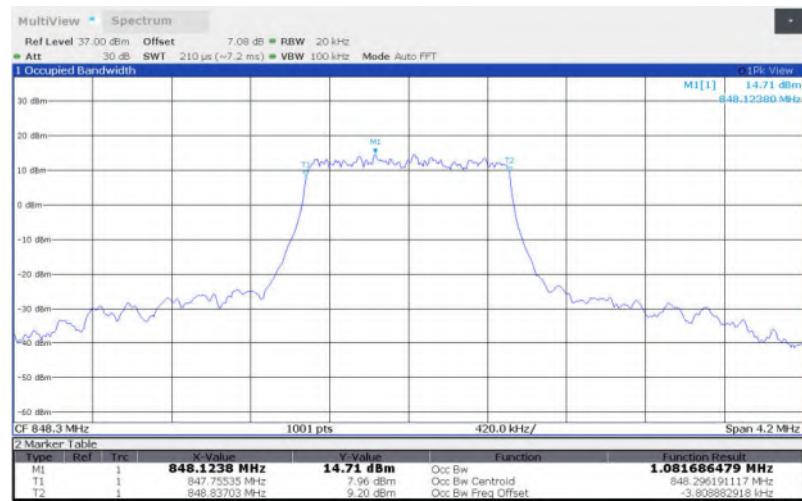
### LTE Band 26 , 1.4MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 1.4MHz Bandwidth,HIGH,16QAM (99% BW)

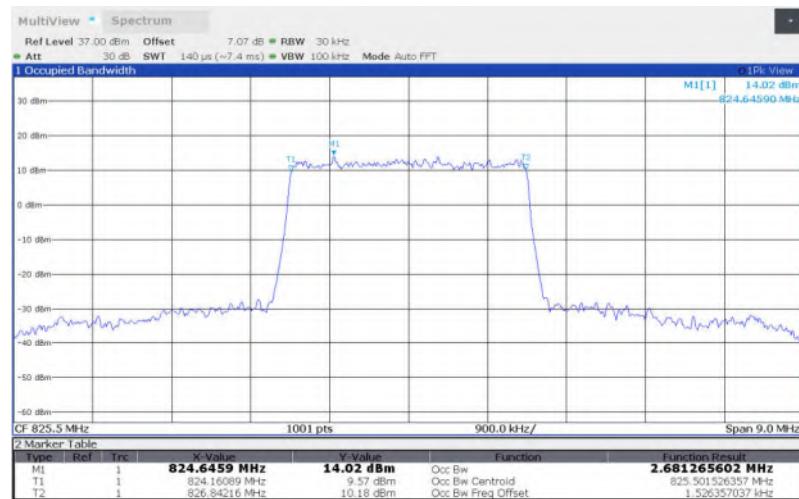
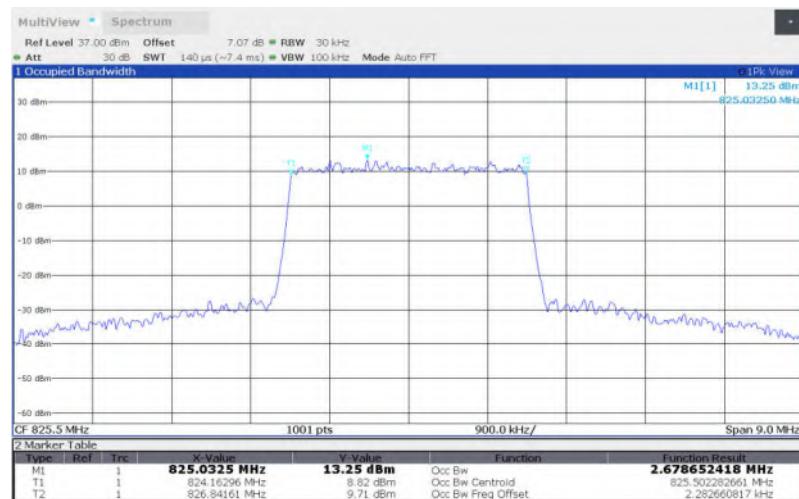


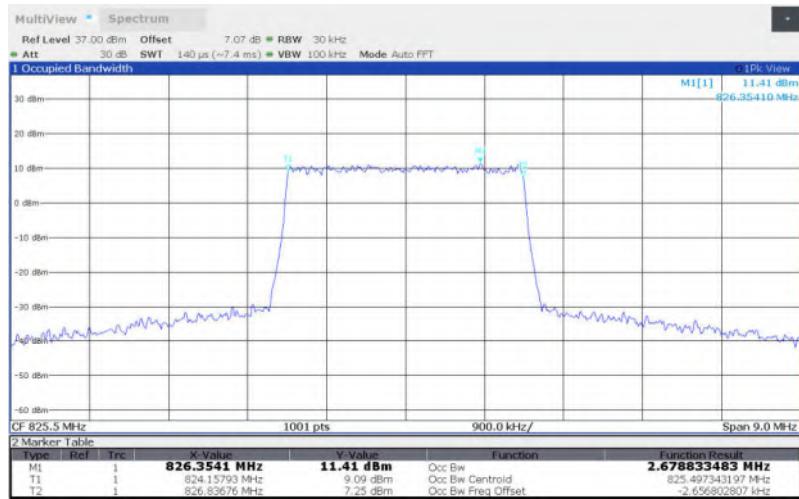
### LTE Band 26 , 1.4MHz Bandwidth,HIGH,64QAM (99% BW)



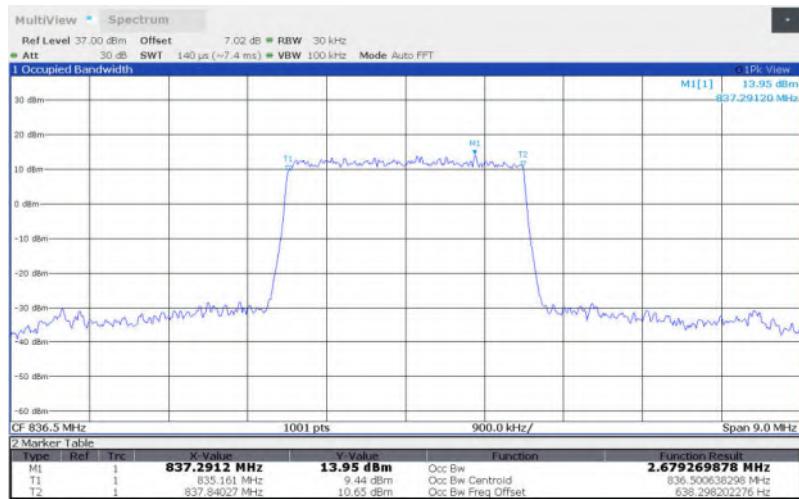
**LTE Band 26(824MHz-849MHz),3MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
825.5	2.681	2.679	2.679
836.5	2.679	2.680	2.680
847.5	2.677	2.677	2.680

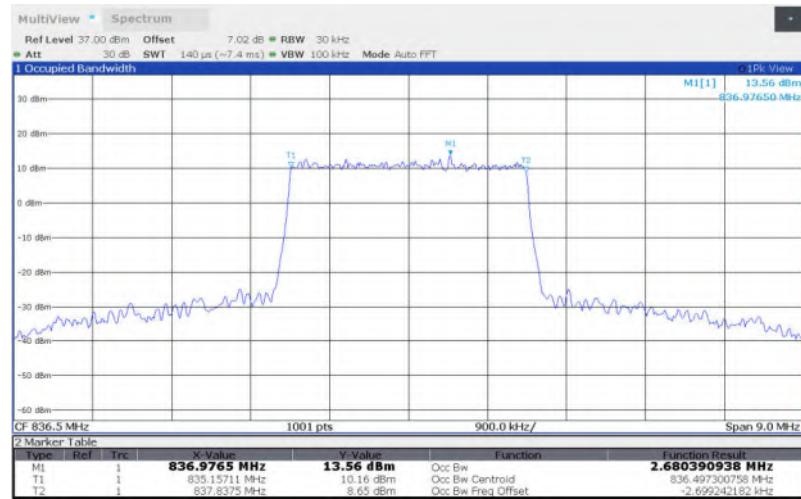
**LTE Band 26 , 3MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 3MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 3MHz Bandwidth,LOW,64QAM (99% BW)**



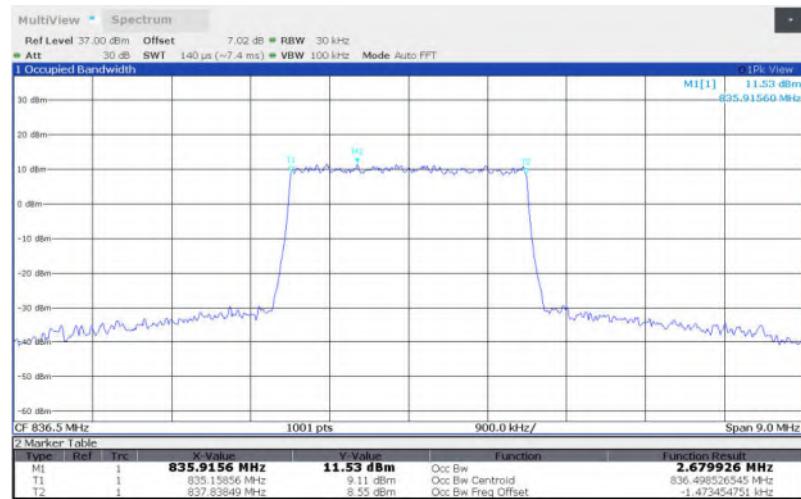
### LTE Band 26 , 3MHz Bandwidth,MID,QPSK (99% BW)



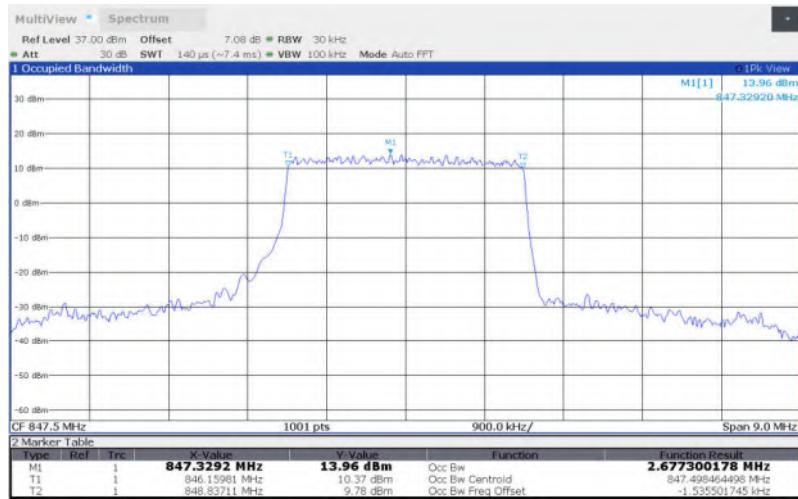
### LTE Band 26 , 3MHz Bandwidth,MID,16QAM (99% BW)



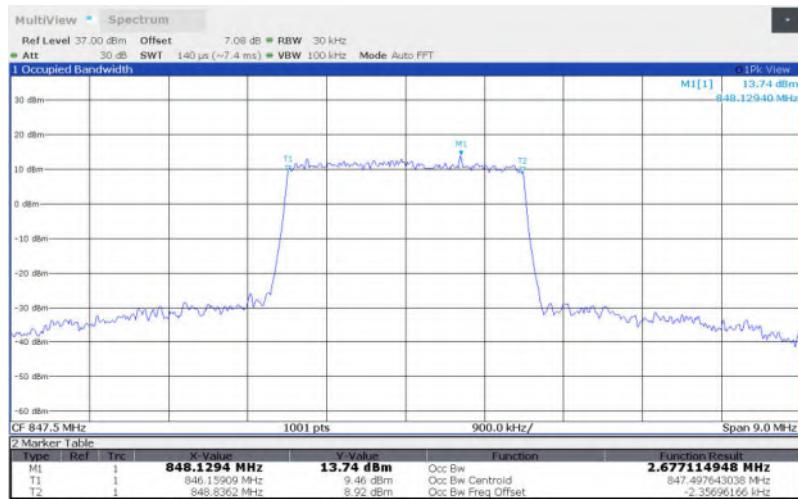
### LTE Band 26 , 3MHz Bandwidth,MID,64QAM (99% BW)



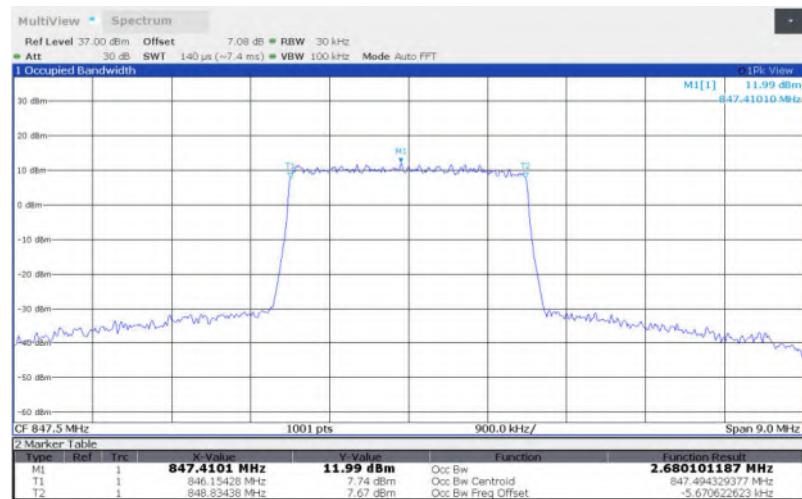
### LTE Band 26 , 3MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 3MHz Bandwidth,HIGH,16QAM (99% BW)

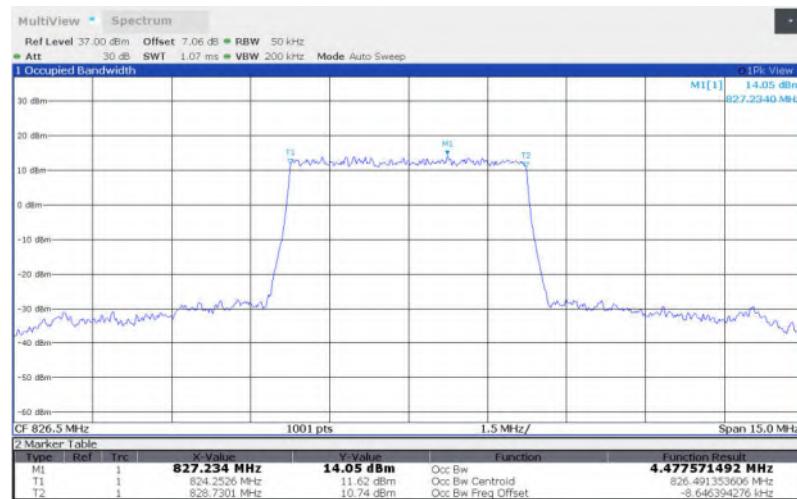
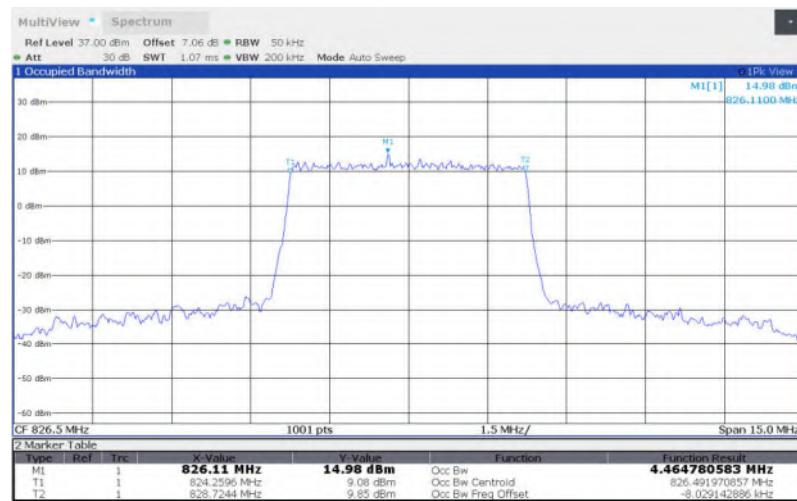


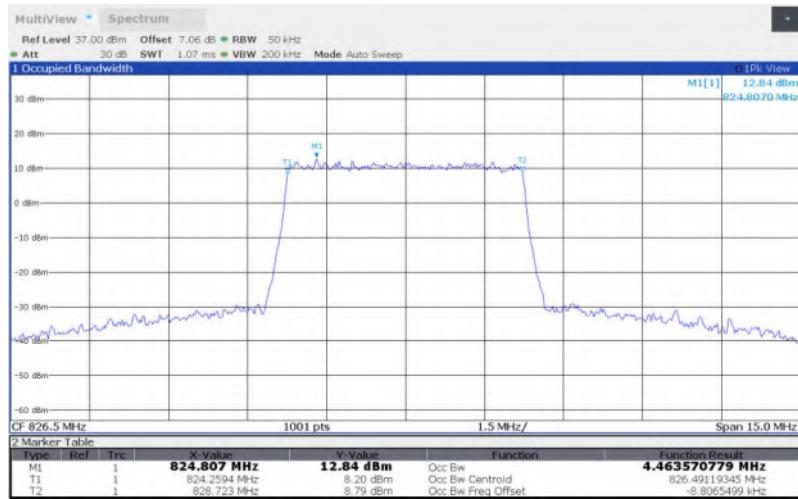
### LTE Band 26 , 3MHz Bandwidth,HIGH,64QAM (99% BW)



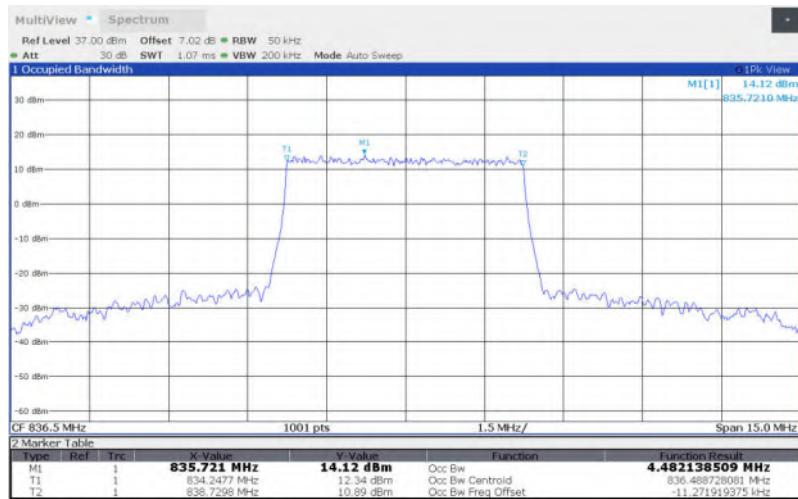
**LTE Band 26(824MHz-849MHz),5MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
826.5	4.478	4.465	4.464
836.5	4.482	4.480	4.469
846.5	4.463	4.467	4.462

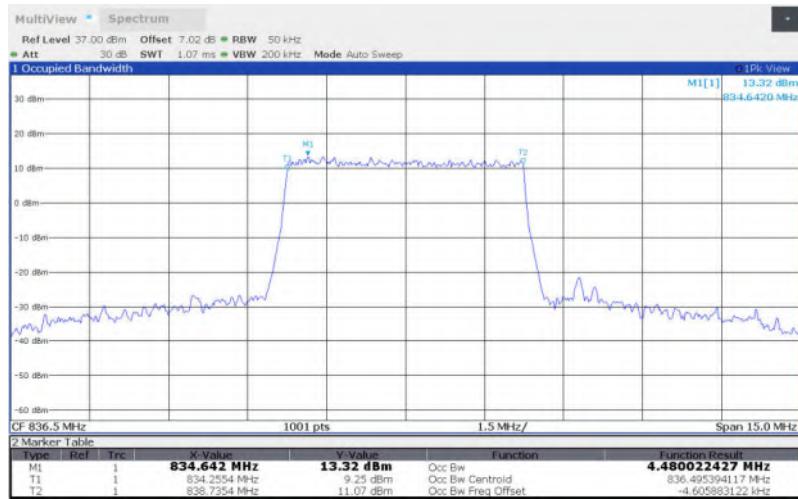
**LTE Band 26 , 5MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 5MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 5MHz Bandwidth,LOW,64QAM (99% BW)**



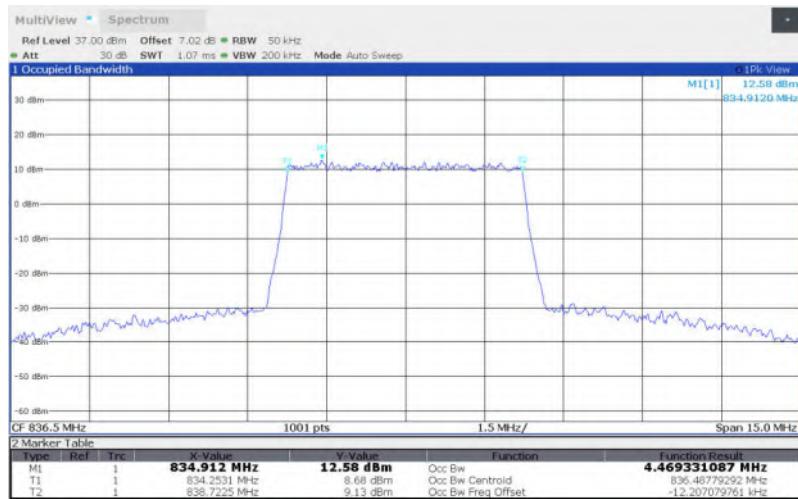
### LTE Band 26 , 5MHz Bandwidth,MID,QPSK (99% BW)



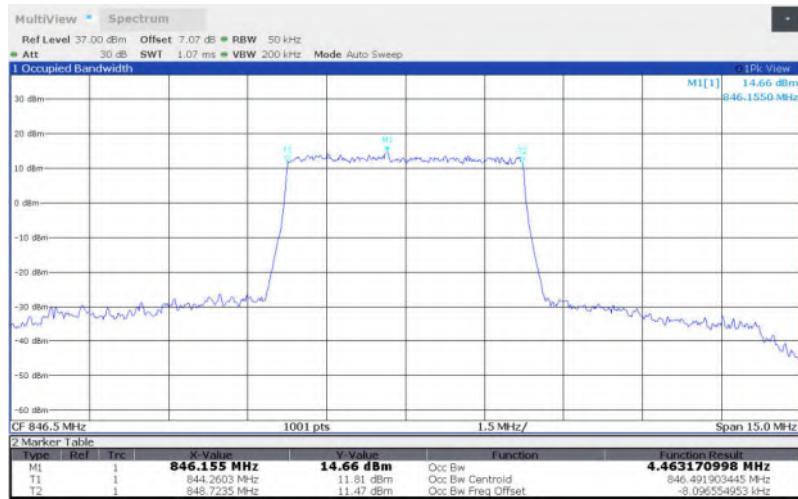
### LTE Band 26 , 5MHz Bandwidth,MID,16QAM (99% BW)



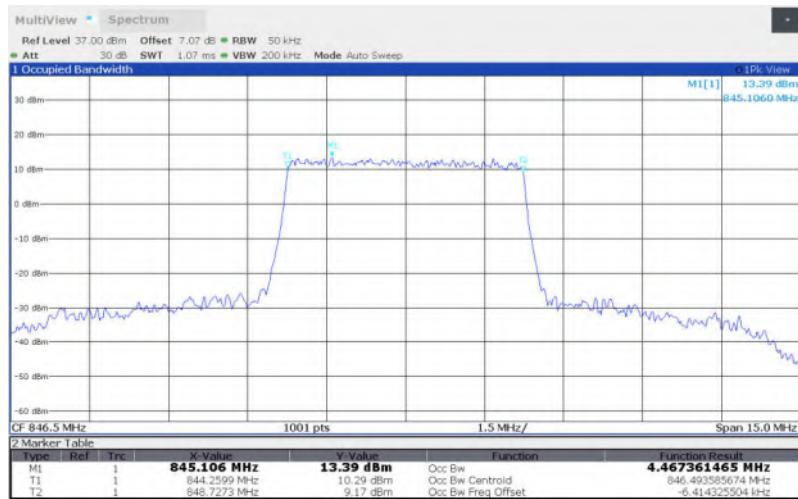
### LTE Band 26 , 5MHz Bandwidth,MID,64QAM (99% BW)



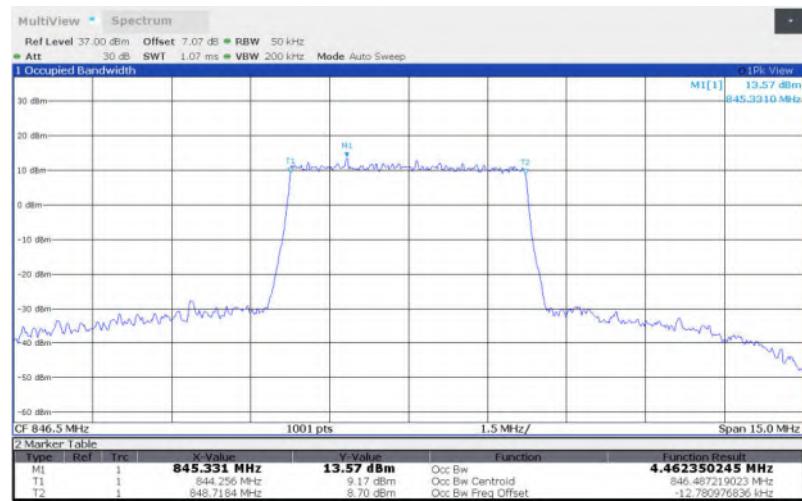
### LTE Band 26 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 5MHz Bandwidth,HIGH,16QAM (99% BW)

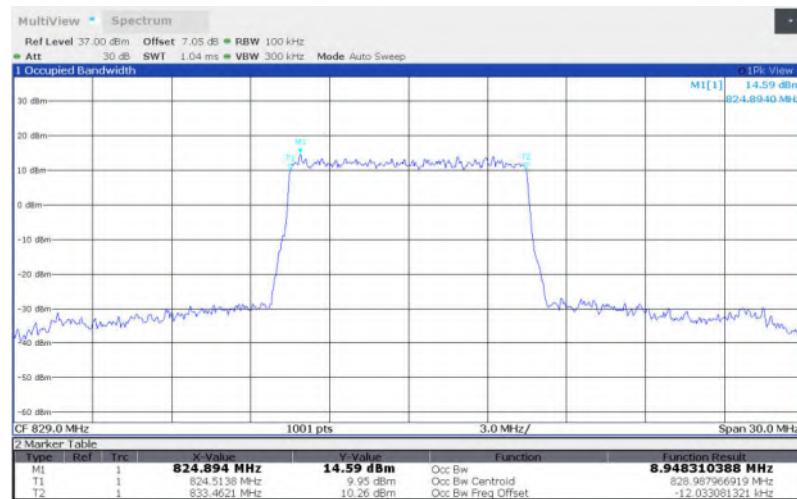
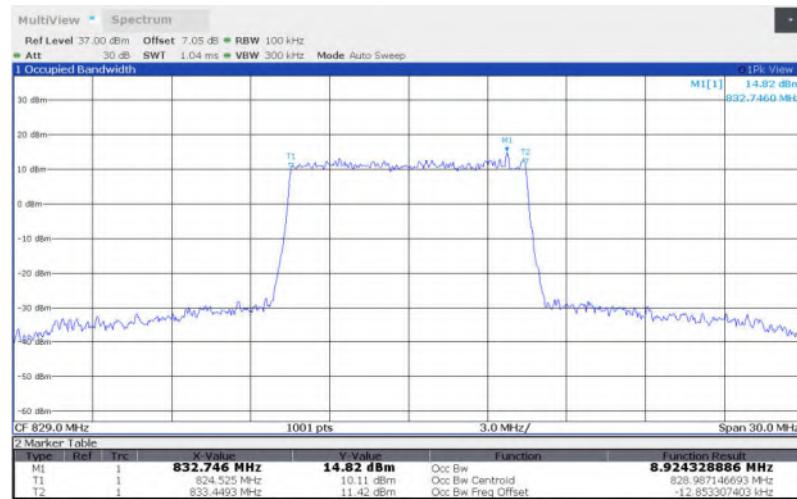


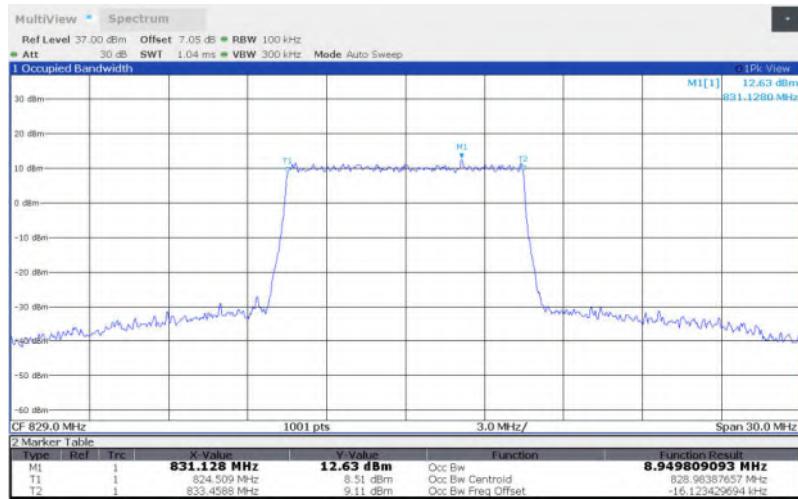
### LTE Band 26 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



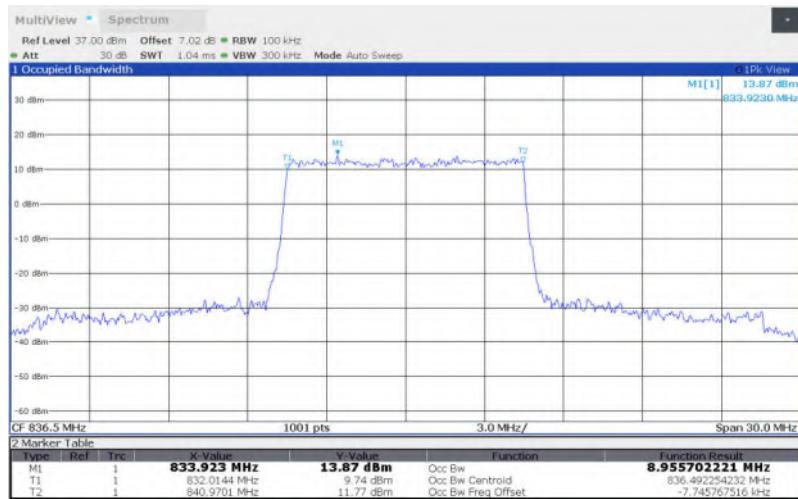
**LTE Band 26(824MHz-849MHz),10MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
829	8.948	8.924	8.950
836.5	8.956	8.949	8.959
844	8.945	8.947	8.932

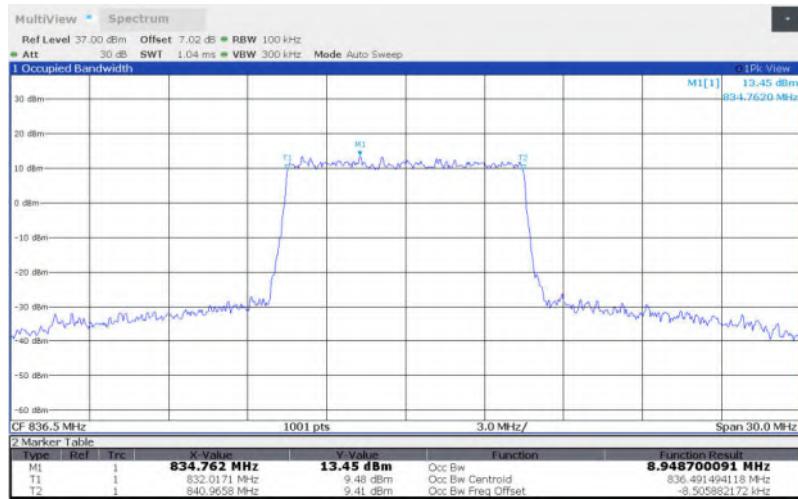
**LTE Band 26 , 10MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 10MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 10MHz Bandwidth,LOW,64QAM (99% BW)**



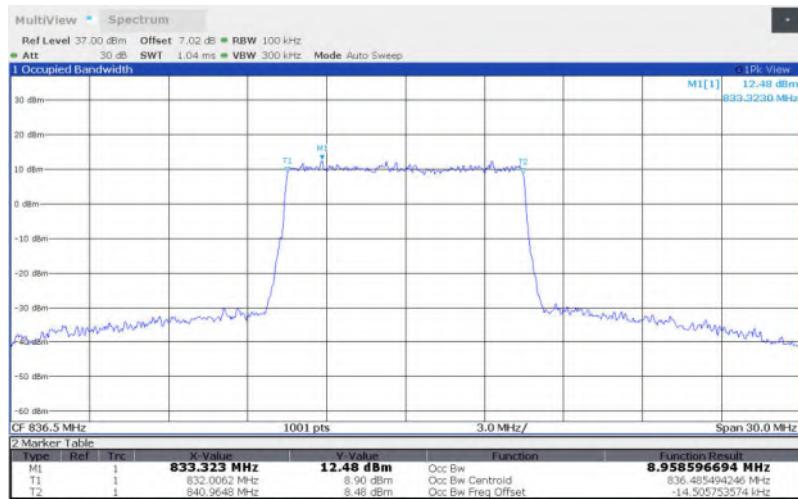
### LTE Band 26 , 10MHz Bandwidth,MID,QPSK (99% BW)



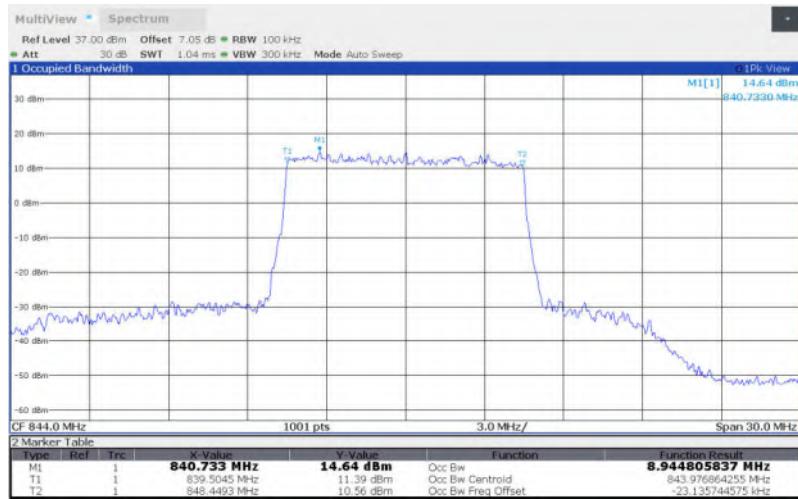
### LTE Band 26 , 10MHz Bandwidth,MID,16QAM (99% BW)



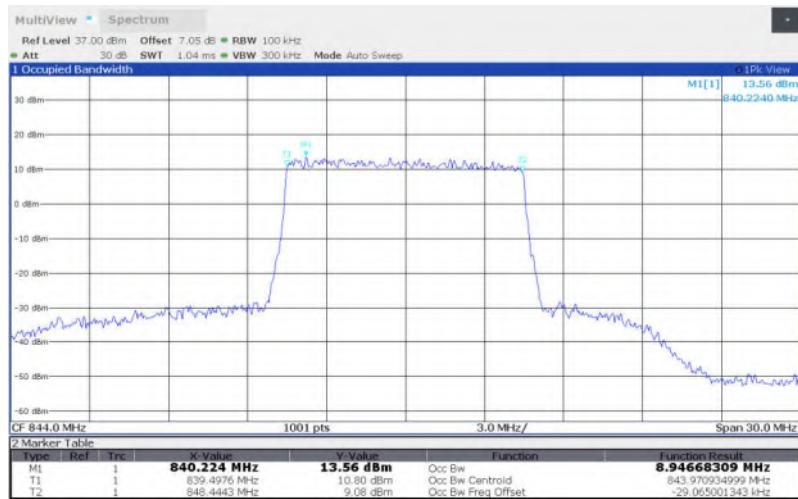
### LTE Band 26 , 10MHz Bandwidth,MID,64QAM (99% BW)



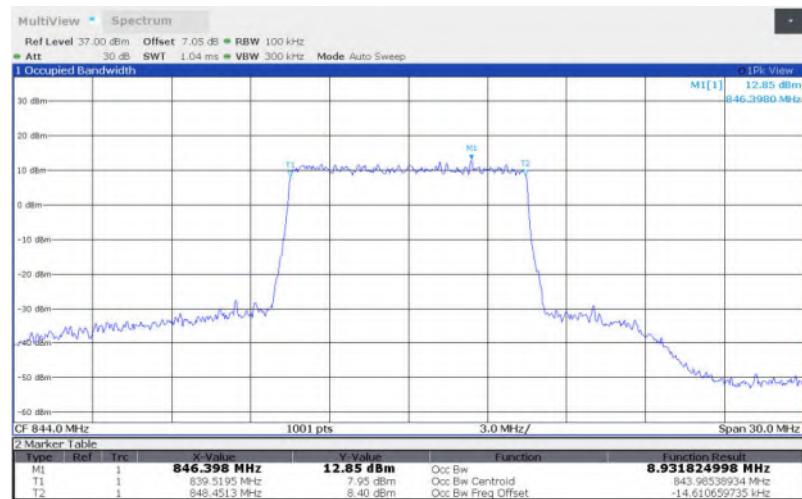
### LTE Band 26 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 10MHz Bandwidth,HIGH,16QAM (99% BW)

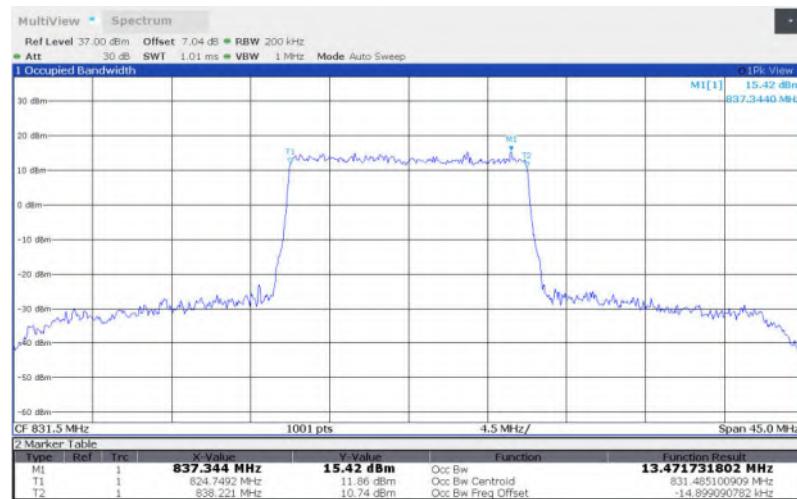
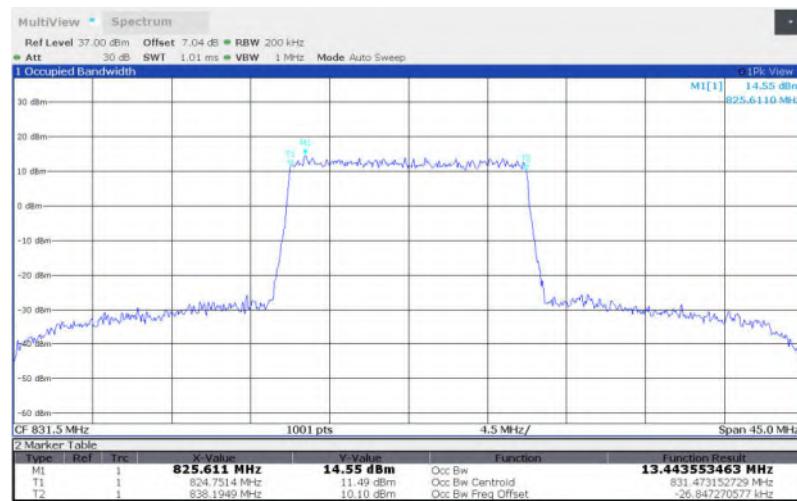


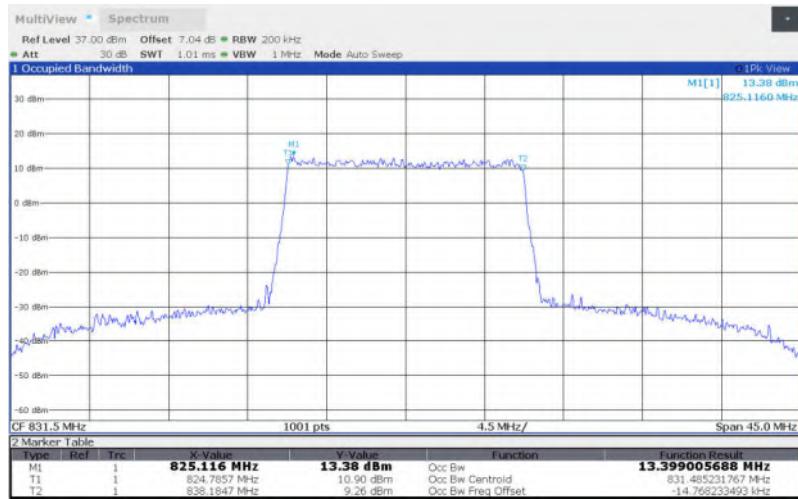
### LTE Band 26 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



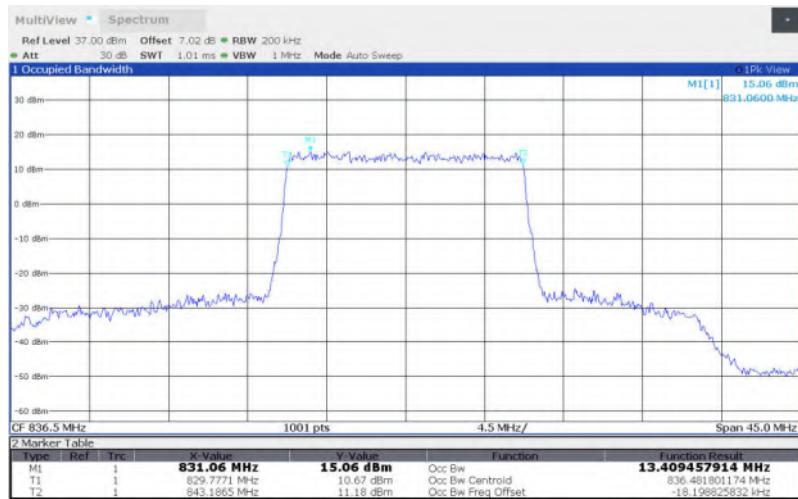
**LTE Band 26(824MHz-849MHz),15MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
831.5	13.472	13.444	13.399
836.5	13.409	13.412	13.426
841.5	13.422	13.421	13.434

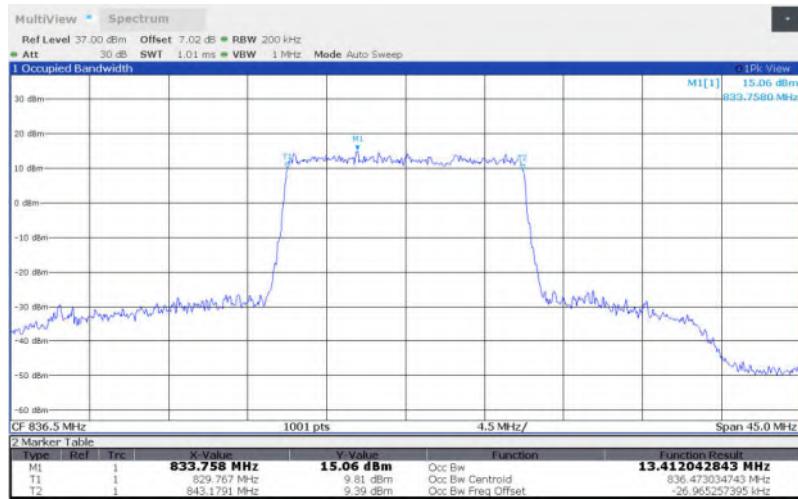
**LTE Band 26 , 15MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 15MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 15MHz Bandwidth,LOW,64QAM (99% BW)**



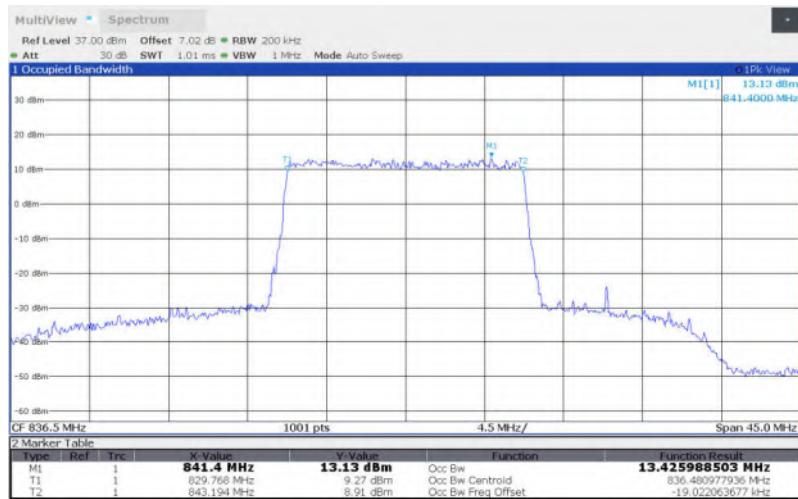
### LTE Band 26 , 15MHz Bandwidth,MID,QPSK (99% BW)



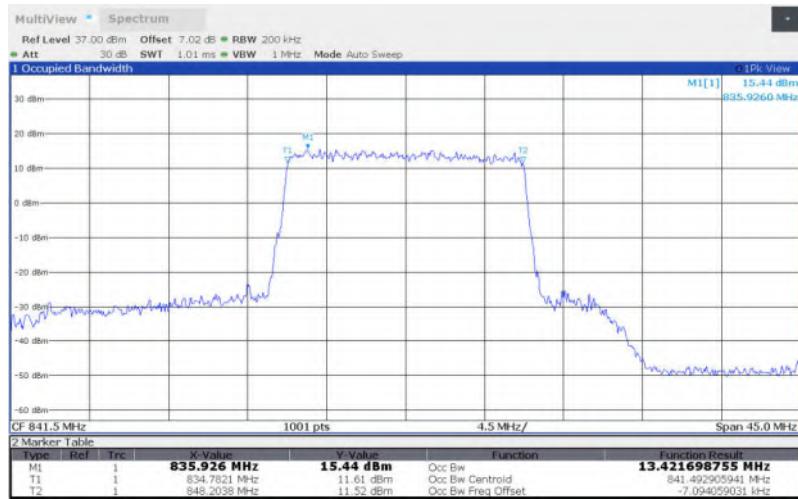
### LTE Band 26 , 15MHz Bandwidth,MID,16QAM (99% BW)



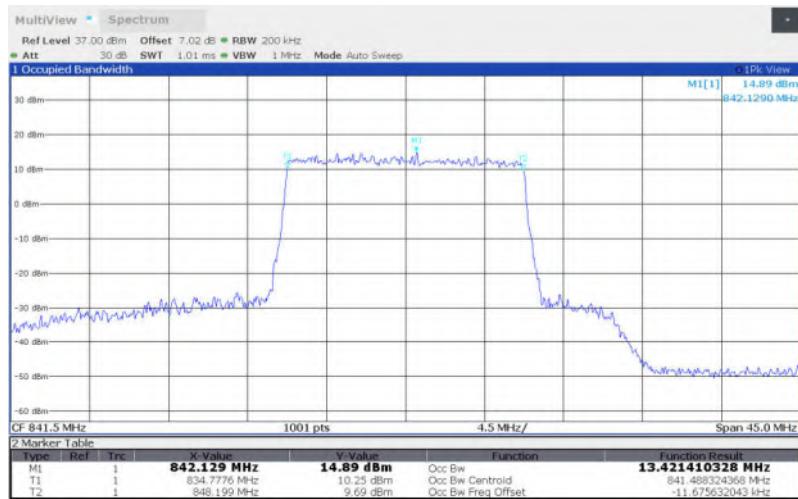
### LTE Band 26 , 15MHz Bandwidth,MID,64QAM (99% BW)



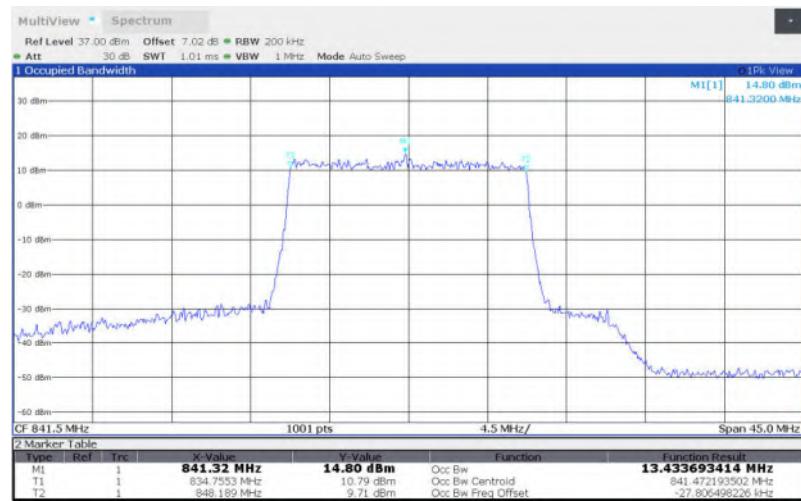
### LTE Band 26 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 15MHz Bandwidth,HIGH,16QAM (99% BW)

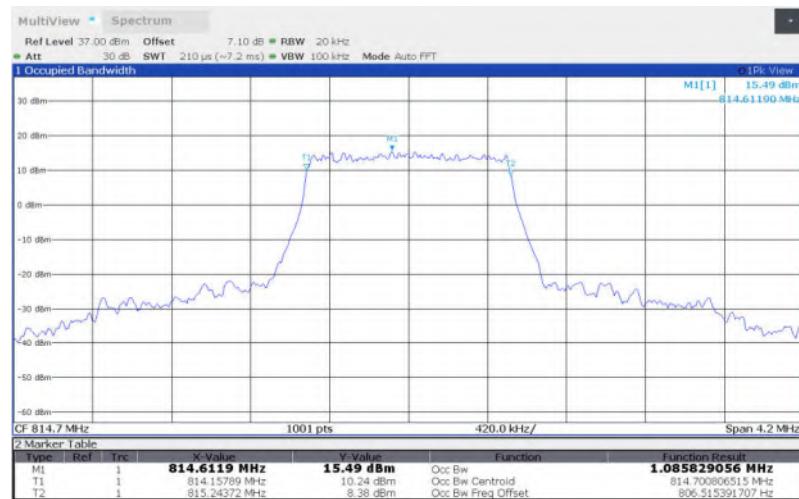
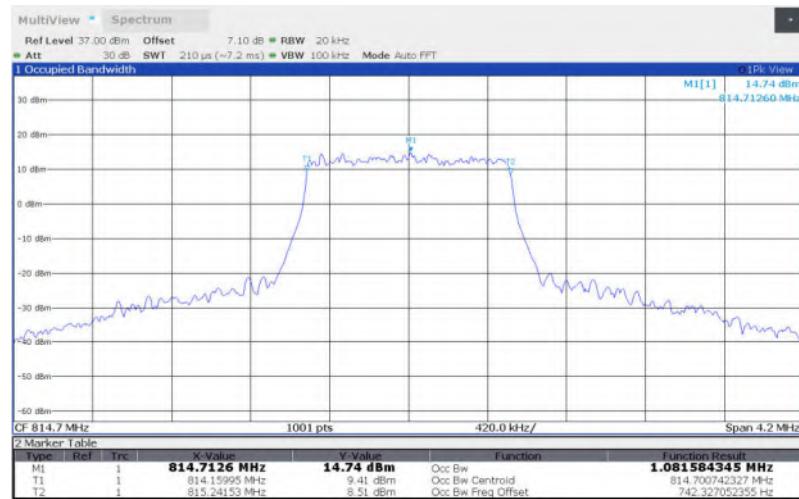


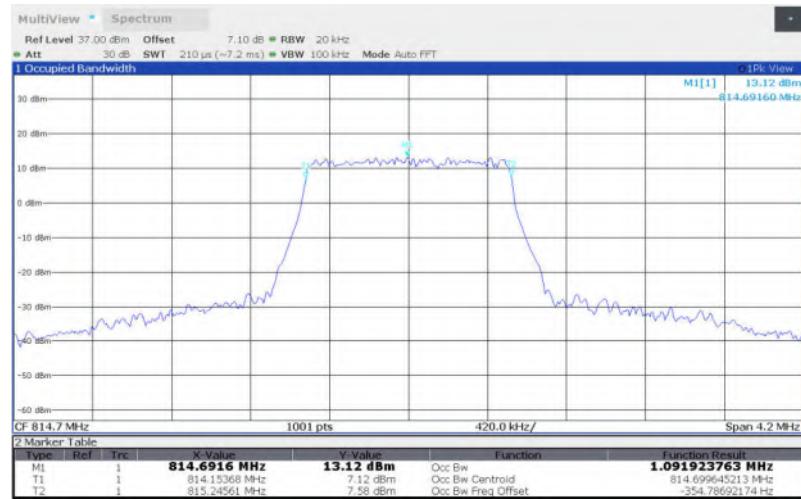
### LTE Band 26 , 15MHz Bandwidth,HIGH,64QAM (99% BW)



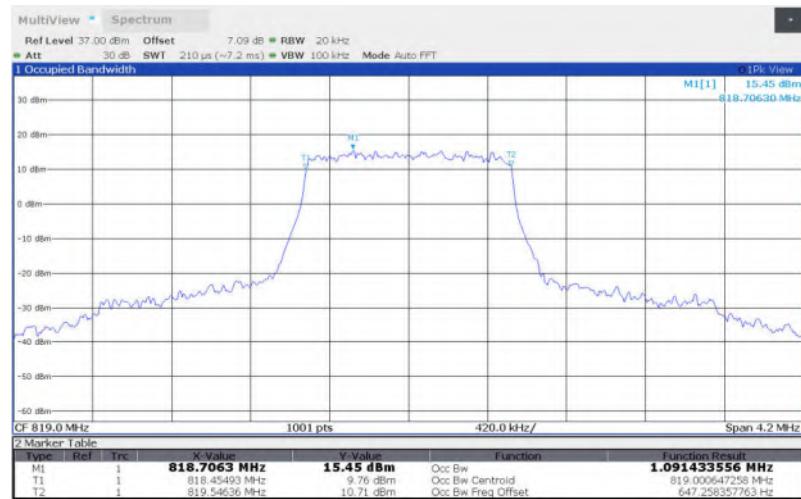
**LTE Band 26(814MHz-824MHz),1.4MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
814.7	1.086	1.082	1.092
819	1.091	1.086	1.082
823.3	1.083	1.087	1.080

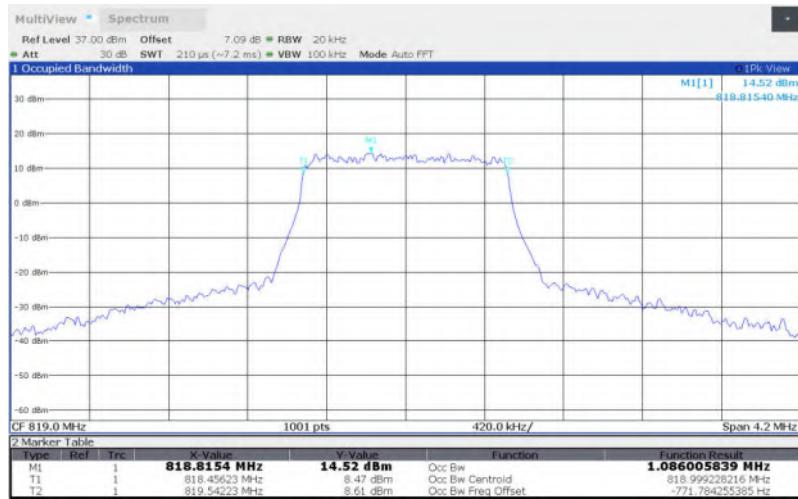
**LTE Band 26 , 1.4MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 1.4MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 1.4MHz Bandwidth,LOW,64QAM (99% BW)**



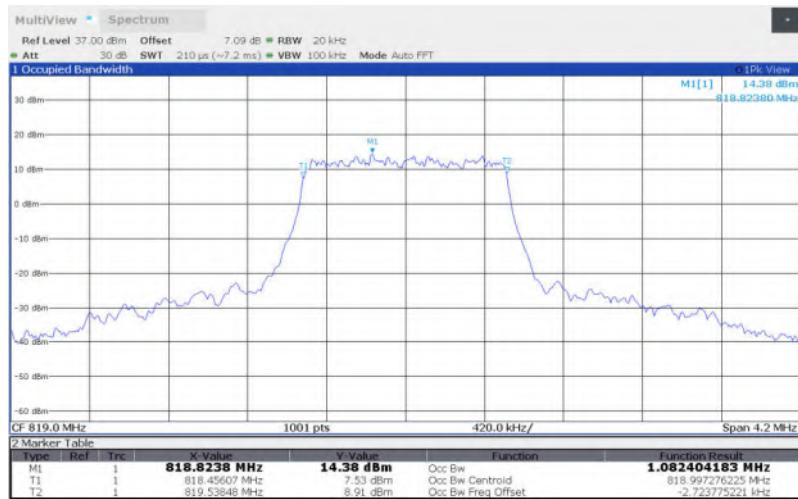
### LTE Band 26 , 1.4MHz Bandwidth,MID,QPSK (99% BW)



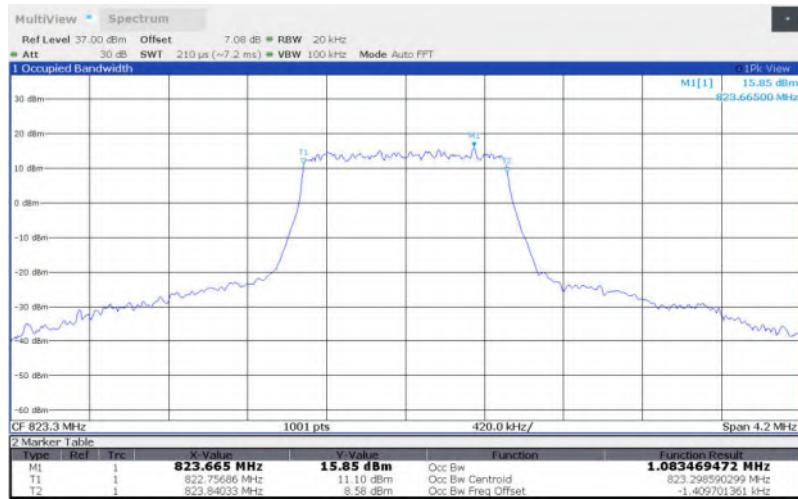
### LTE Band 26 , 1.4MHz Bandwidth,MID,16QAM (99% BW)



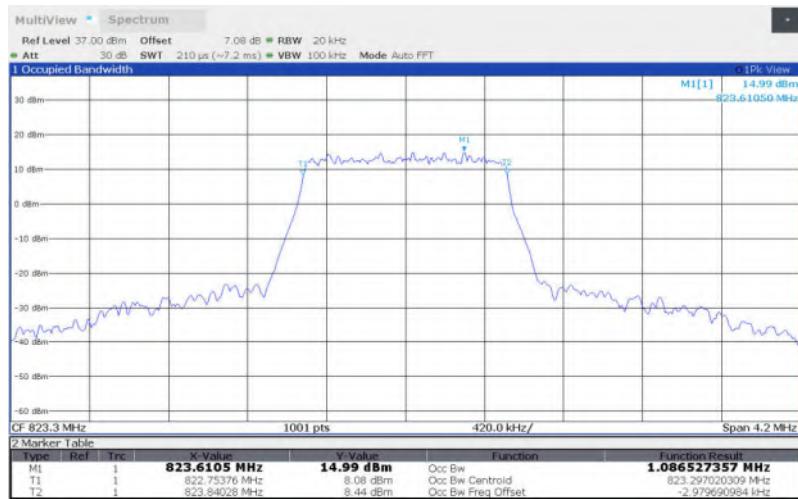
### LTE Band 26 , 1.4MHz Bandwidth,MID,64QAM (99% BW)



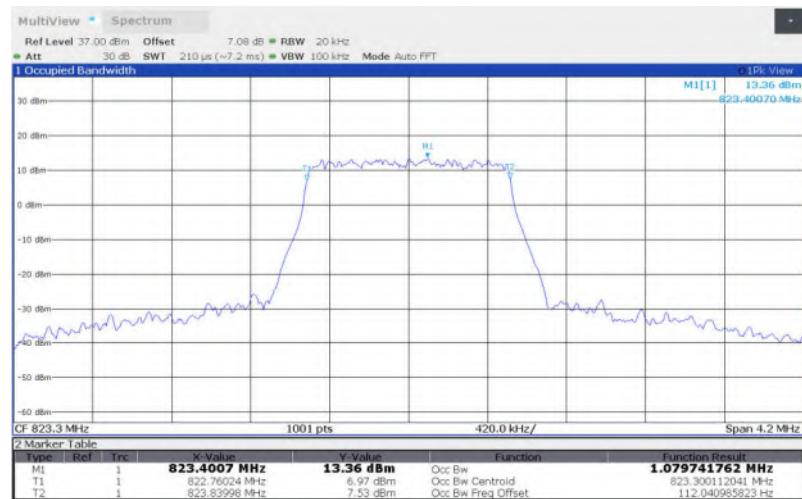
### LTE Band 26 , 1.4MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 1.4MHz Bandwidth,HIGH,16QAM (99% BW)

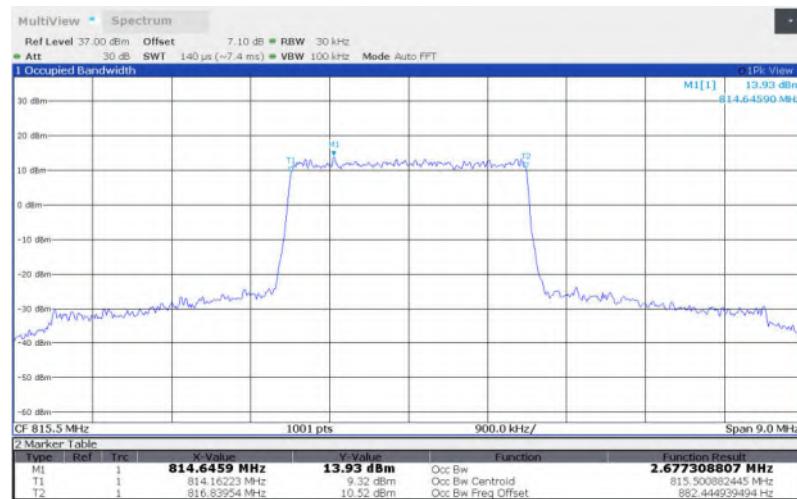
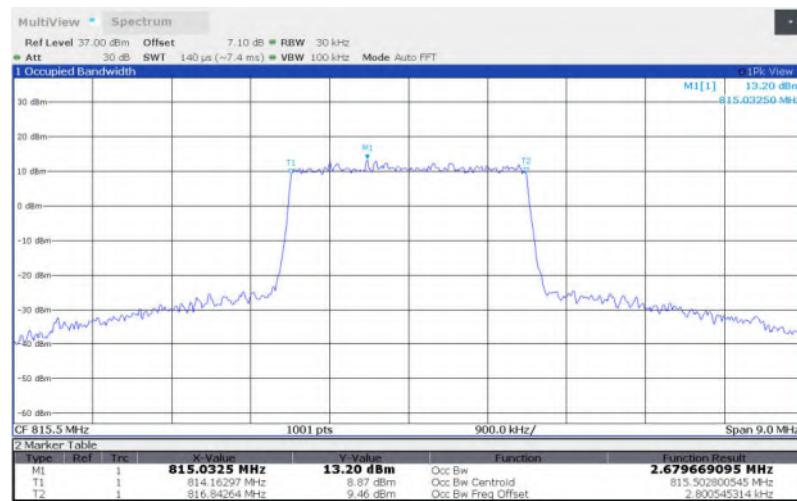


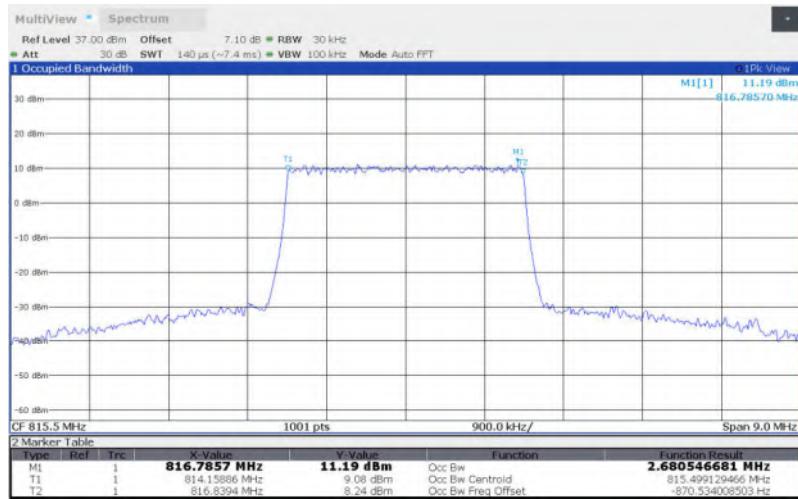
### LTE Band 26 , 1.4MHz Bandwidth,HIGH,64QAM (99% BW)



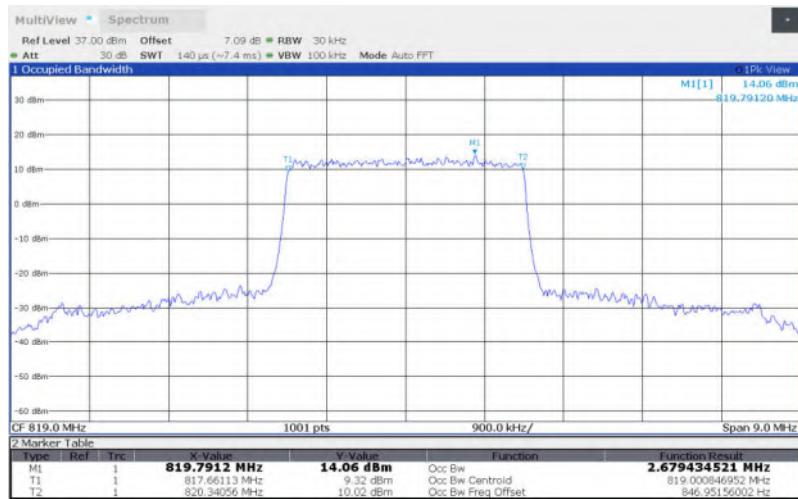
**LTE Band 26(814MHz-824MHz),3MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
815.5	2.677	2.680	2.681
819	2.679	2.682	2.681
822.5	2.680	2.671	2.678

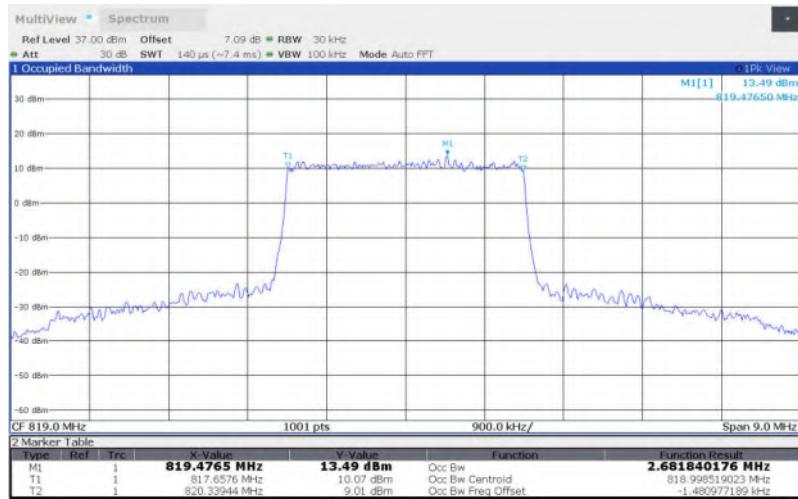
**LTE Band 26 , 3MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 3MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 3MHz Bandwidth,LOW,64QAM (99% BW)**



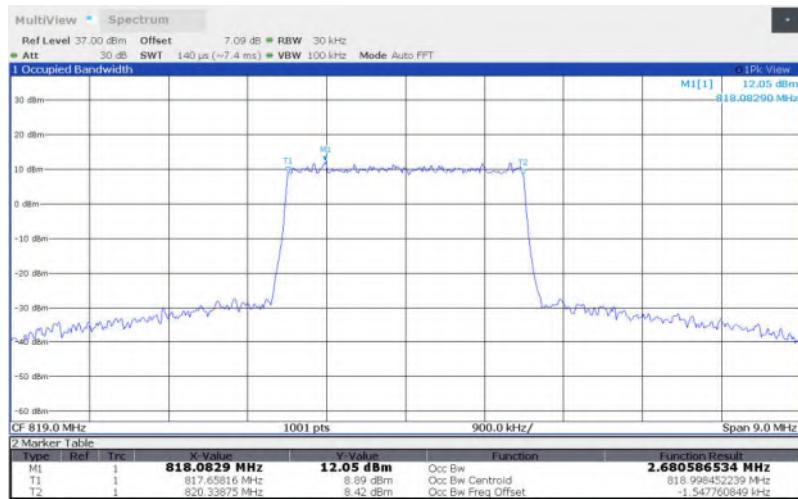
### LTE Band 26 , 3MHz Bandwidth,MID,QPSK (99% BW)



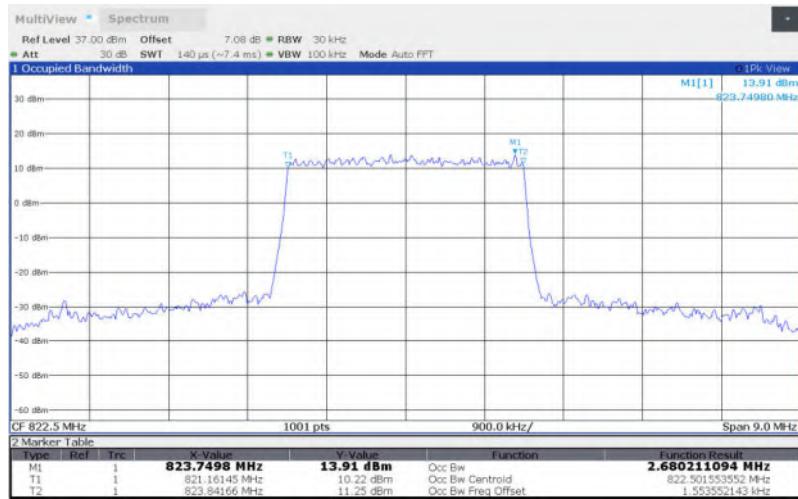
### LTE Band 26 , 3MHz Bandwidth,MID,16QAM (99% BW)



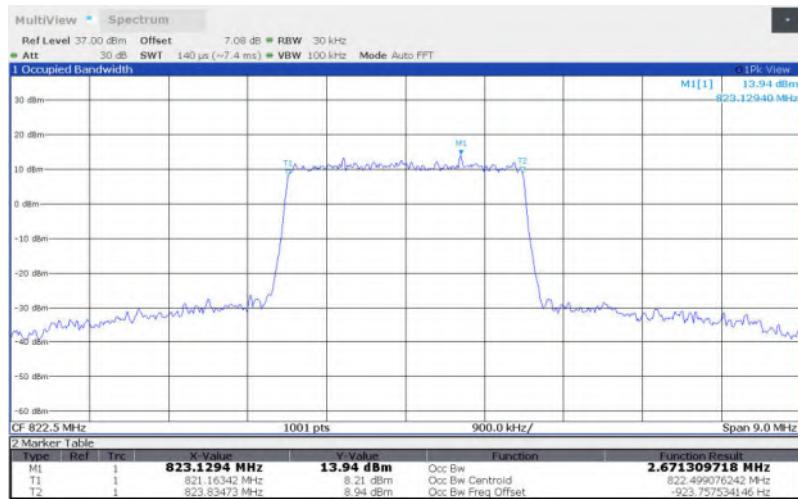
### LTE Band 26 , 3MHz Bandwidth,MID,64QAM (99% BW)



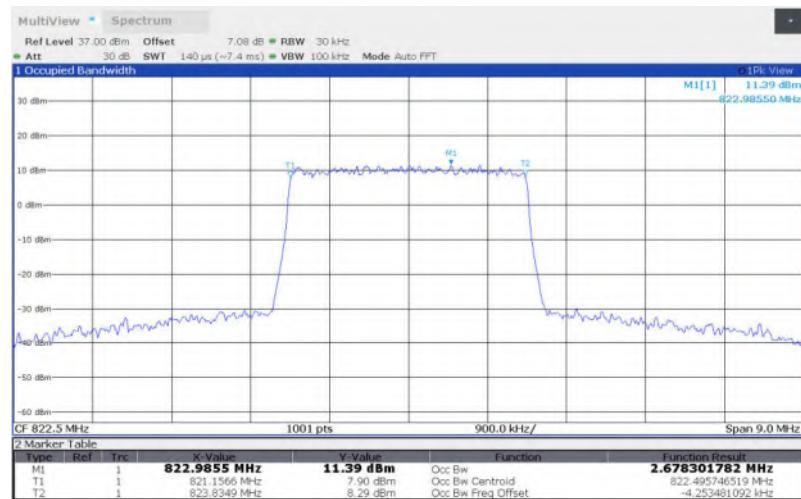
### LTE Band 26 , 3MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 3MHz Bandwidth,HIGH,16QAM (99% BW)

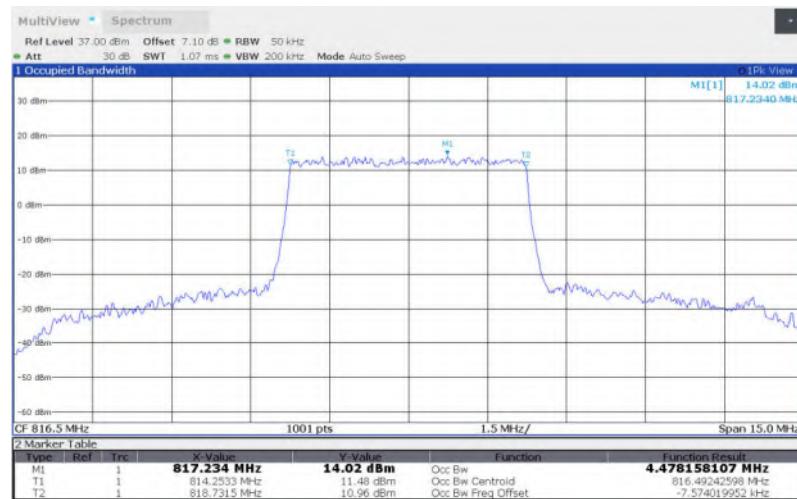
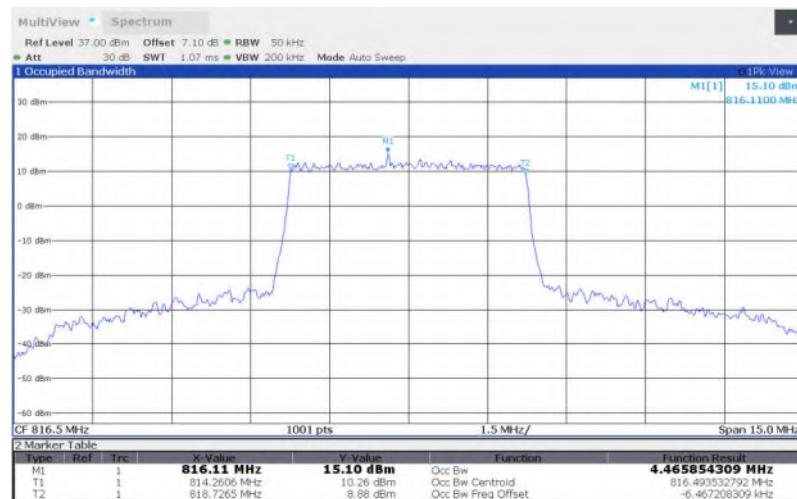


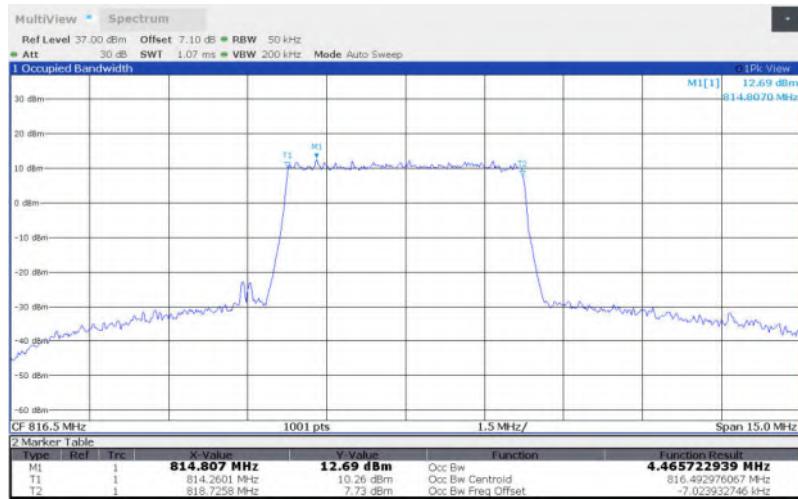
### LTE Band 26 , 3MHz Bandwidth,HIGH,64QAM (99% BW)



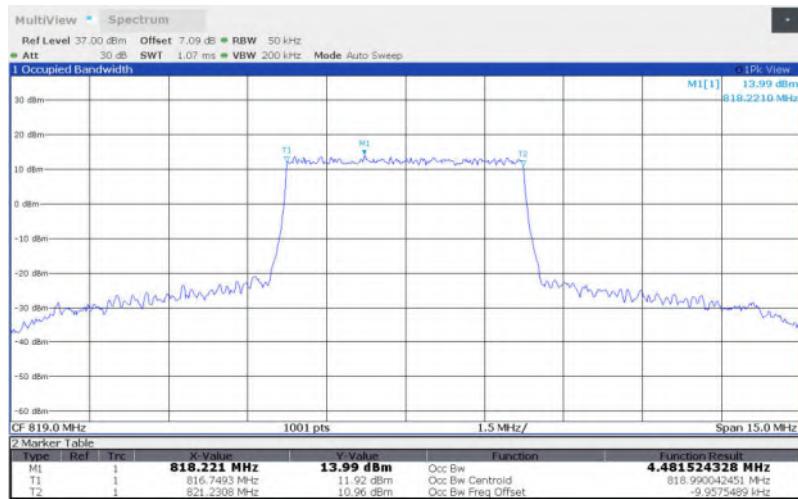
**LTE Band 26(814MHz-824MHz),5MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
816.5	4.478	4.466	4.466
819	4.482	4.477	4.470
821.5	4.465	4.470	4.463

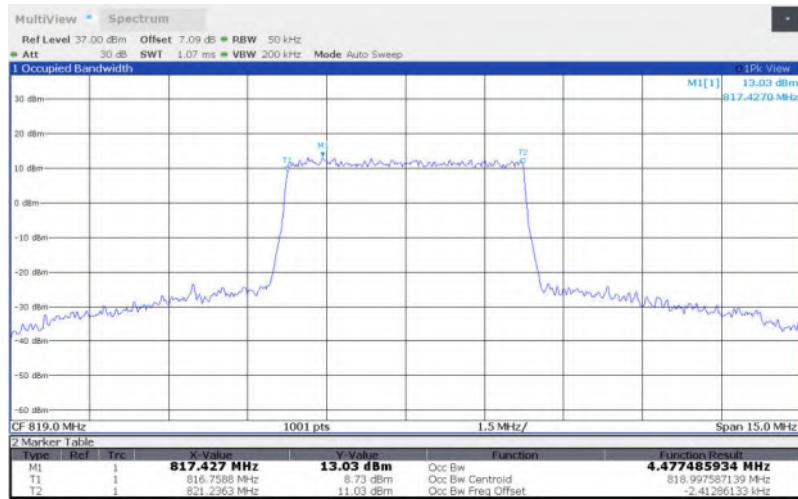
**LTE Band 26 , 5MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 5MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 5MHz Bandwidth,LOW,64QAM (99% BW)**



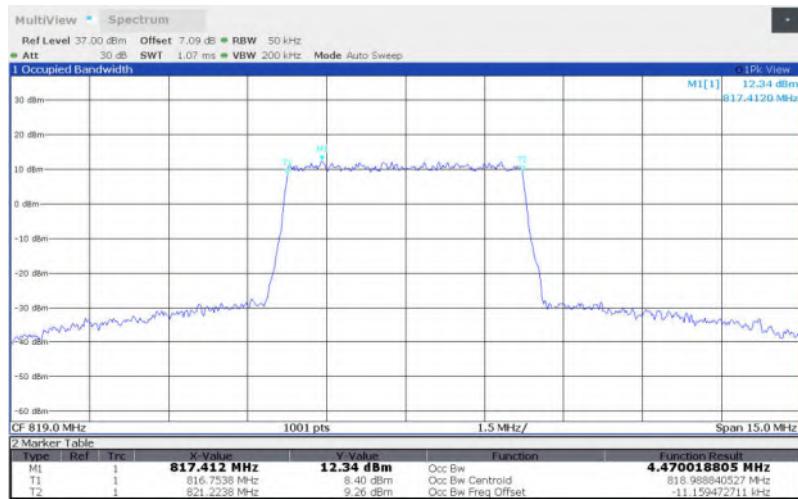
### LTE Band 26 , 5MHz Bandwidth,MID,QPSK (99% BW)



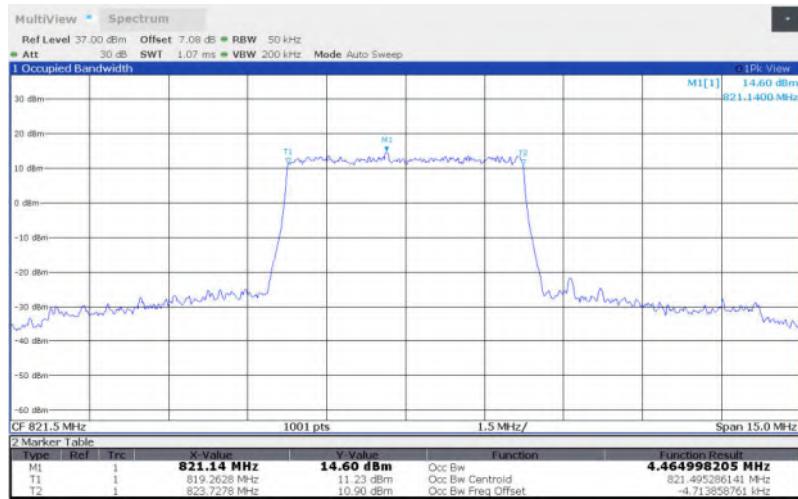
### LTE Band 26 , 5MHz Bandwidth,MID,16QAM (99% BW)



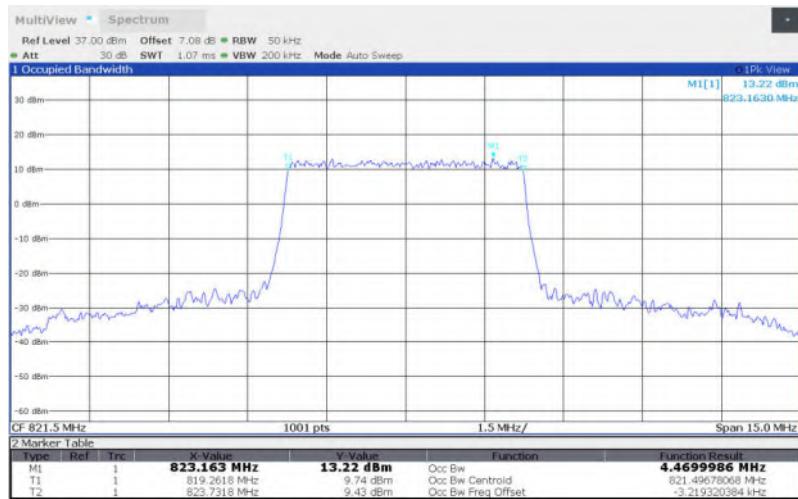
### LTE Band 26 , 5MHz Bandwidth,MID,64QAM (99% BW)



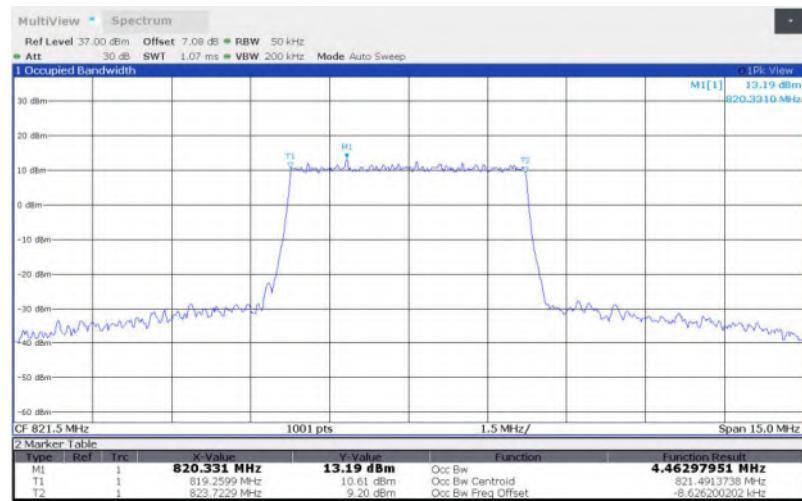
### LTE Band 26 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 5MHz Bandwidth,HIGH,16QAM (99% BW)

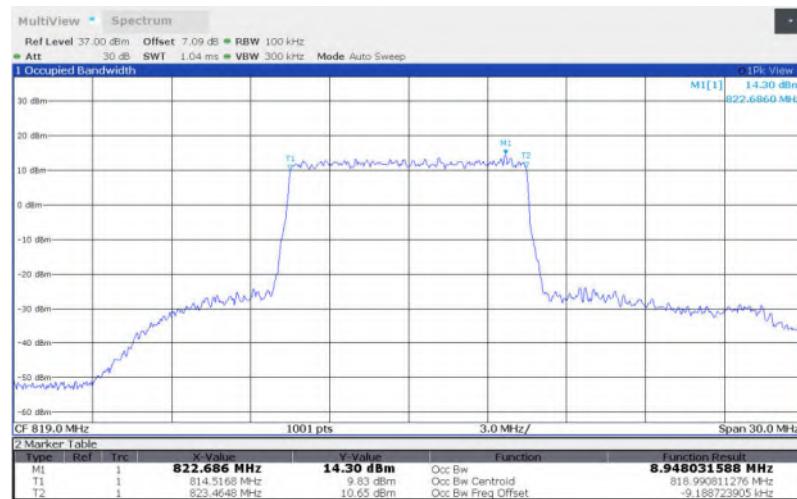
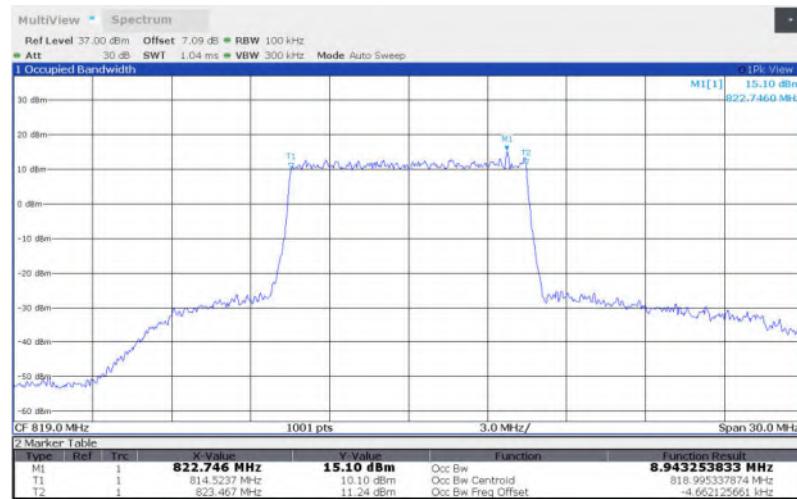


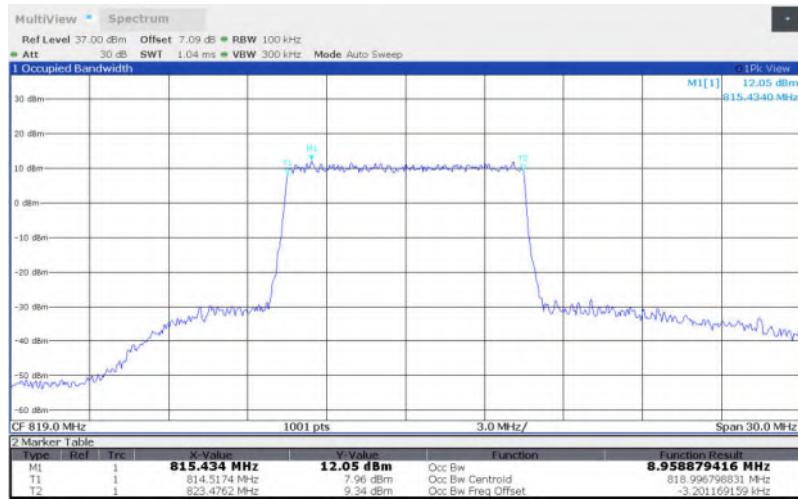
### LTE Band 26 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



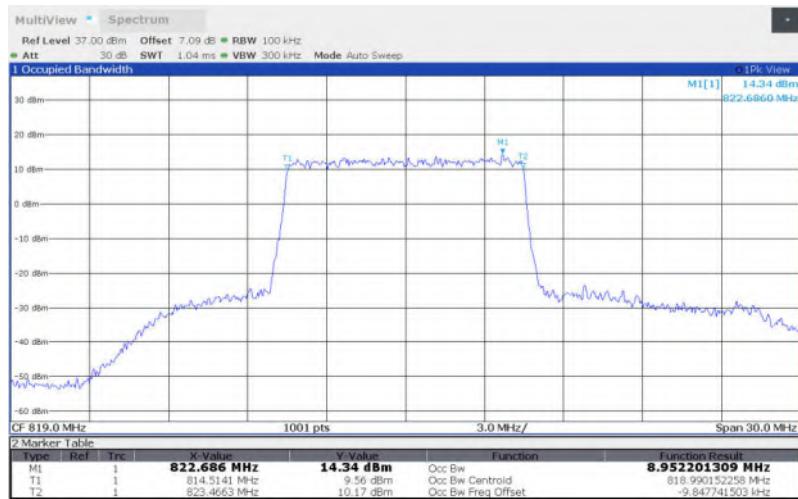
**LTE Band 26(814MHz-824MHz),10MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
819	8.948	8.943	8.959
819	8.952	8.942	8.945
819	8.962	8.935	8.926

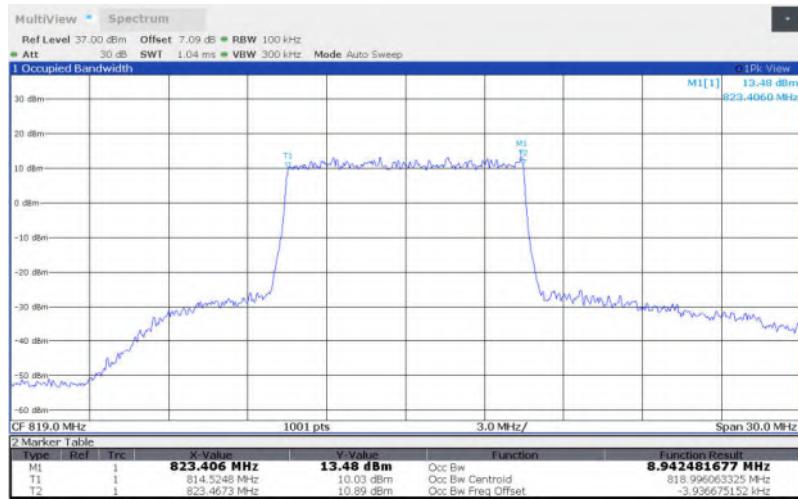
**LTE Band 26 , 10MHz Bandwidth,LOW,QPSK (99% BW)**

**LTE Band 26 , 10MHz Bandwidth,LOW,16QAM (99% BW)**

**LTE Band 26 , 10MHz Bandwidth,LOW,64QAM (99% BW)**



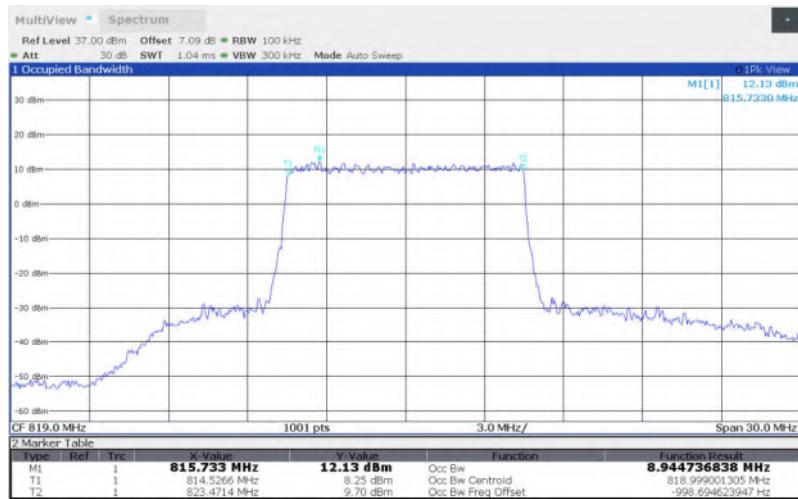
### LTE Band 26 , 10MHz Bandwidth,MID,QPSK (99% BW)



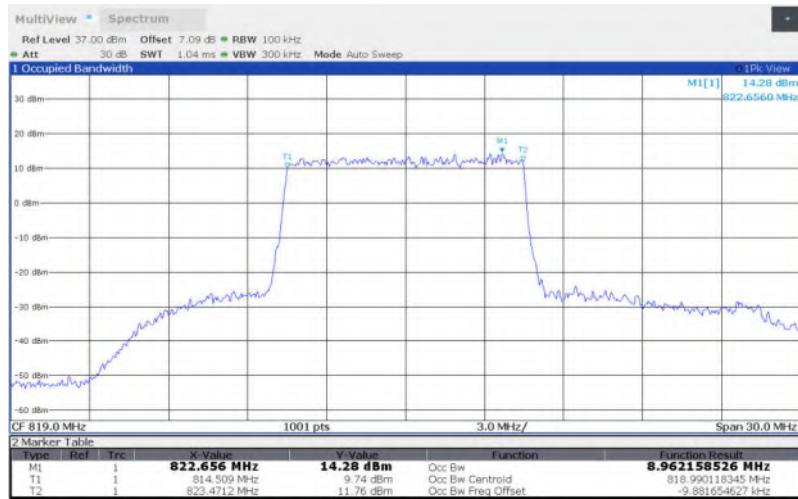
### LTE Band 26 , 10MHz Bandwidth,MID,16QAM (99% BW)



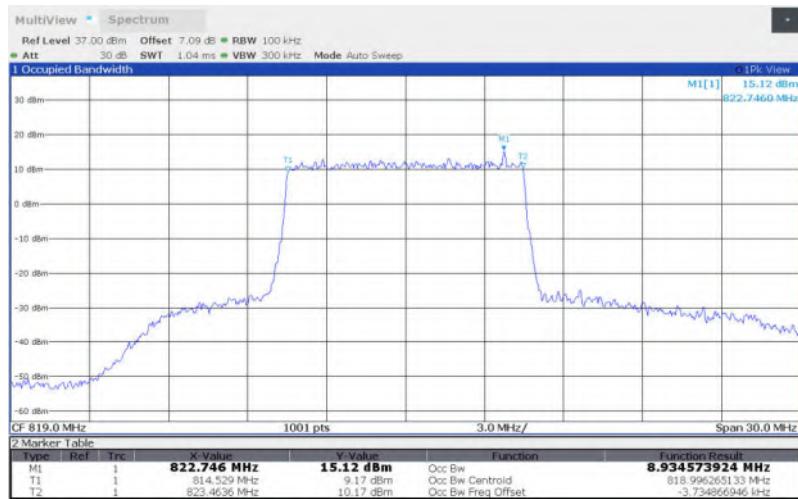
### LTE Band 26 , 10MHz Bandwidth,MID,64QAM (99% BW)



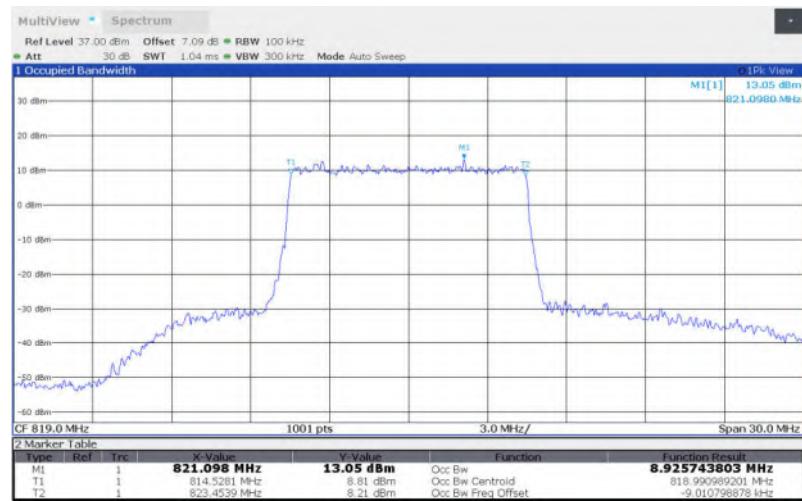
### LTE Band 26 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



### LTE Band 26 , 10MHz Bandwidth,HIGH,16QAM (99% BW)

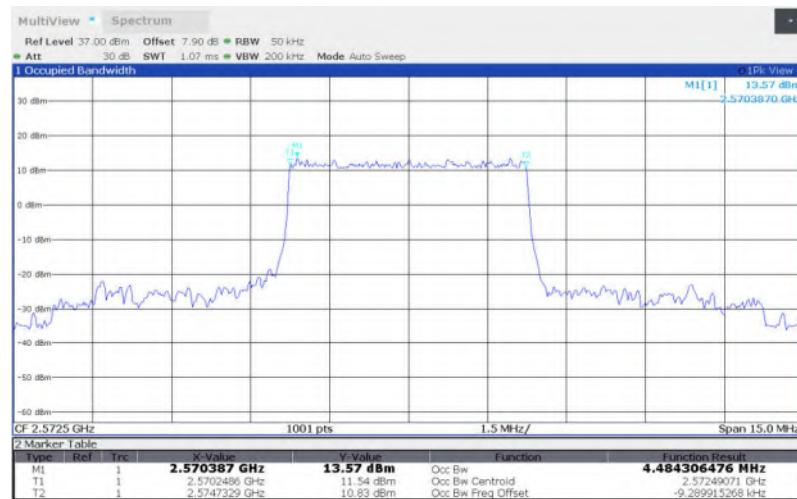
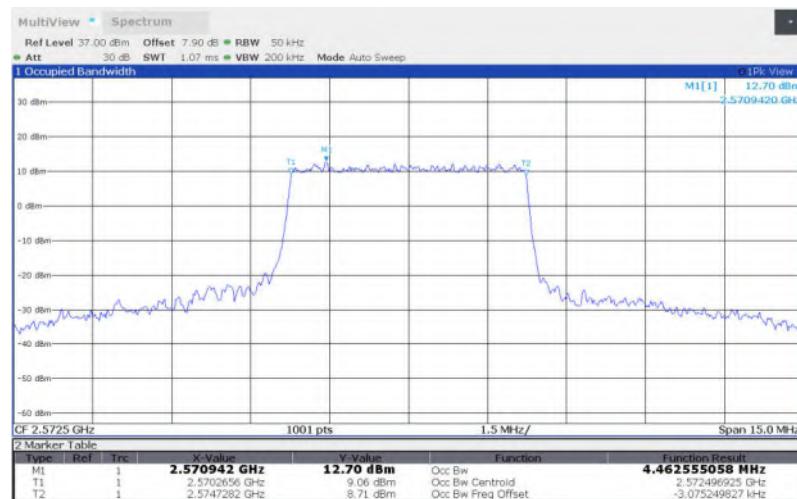


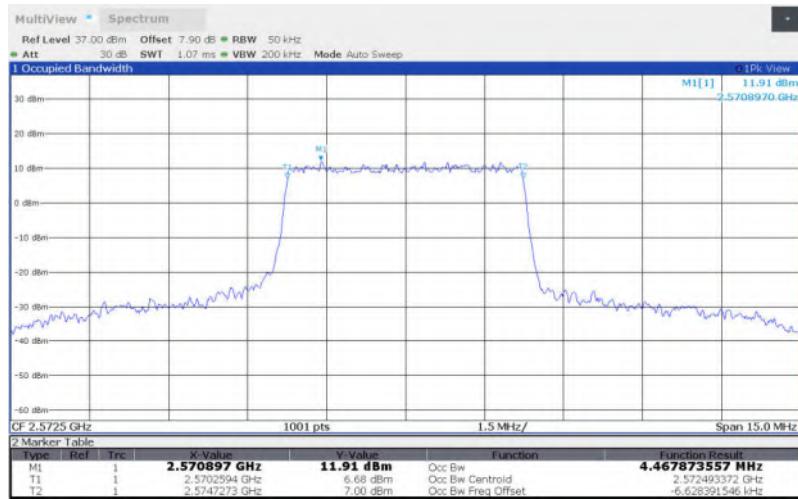
### LTE Band 26 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



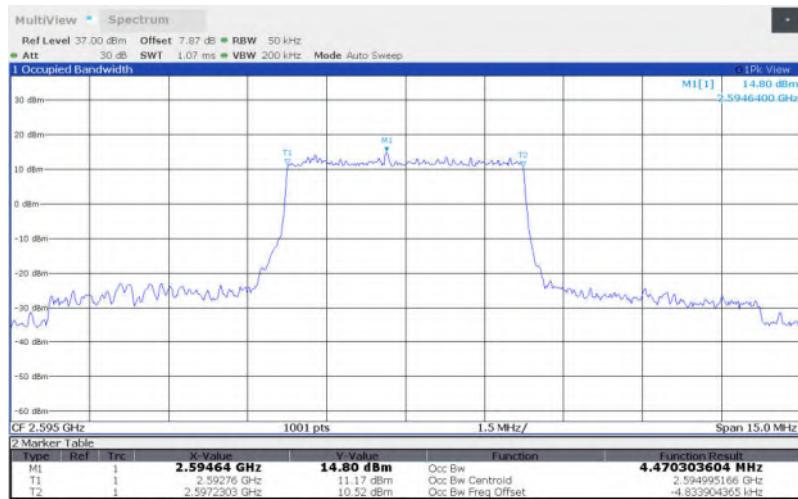
**LTE Band 38,5MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2572.5	4.484	4.463	4.468
2595	4.470	4.472	4.460
2617.5	4.466	4.464	4.478

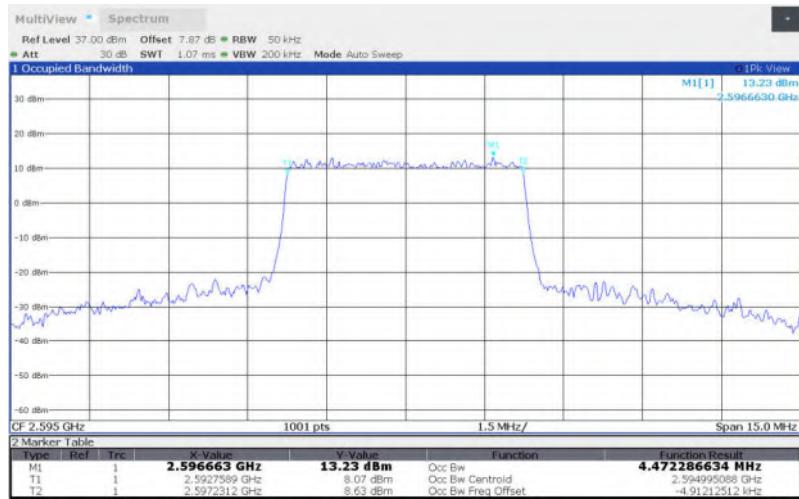
**LTE Band 38 , 5MHz Bandwidth,LOW,QPSK (99% BW)**

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

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



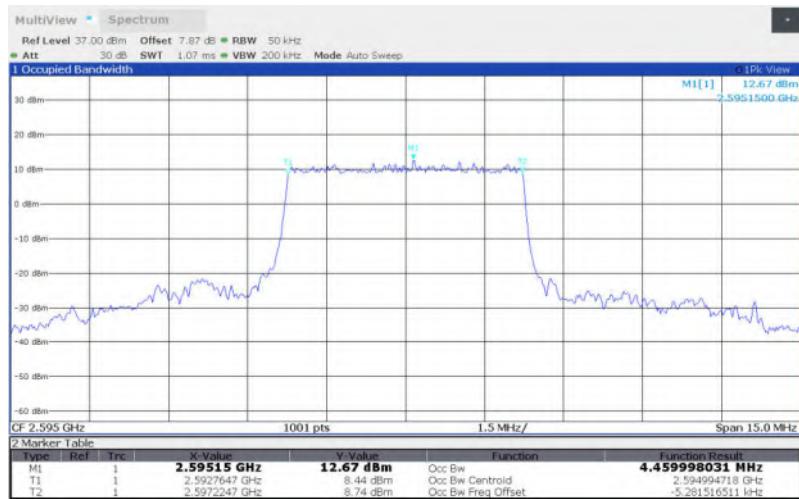
### LTE Band 38 , 5MHz Bandwidth,MID,QPSK (99% BW)



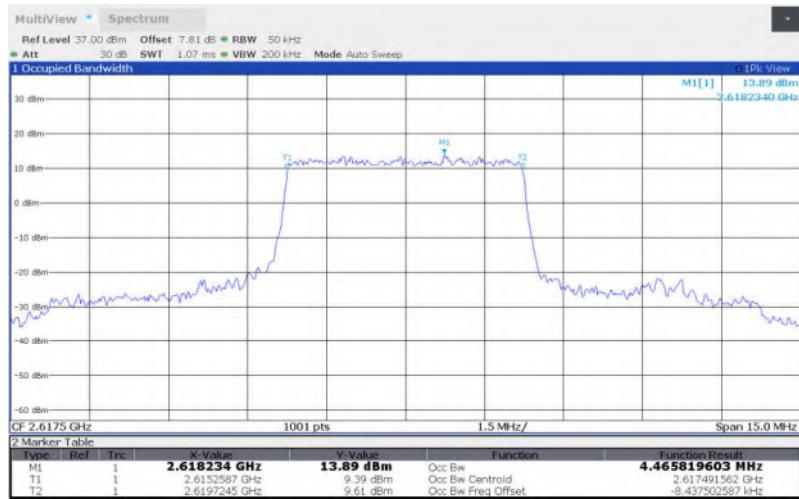
### LTE Band 38 , 5MHz Bandwidth,MID,16QAM (99% BW)



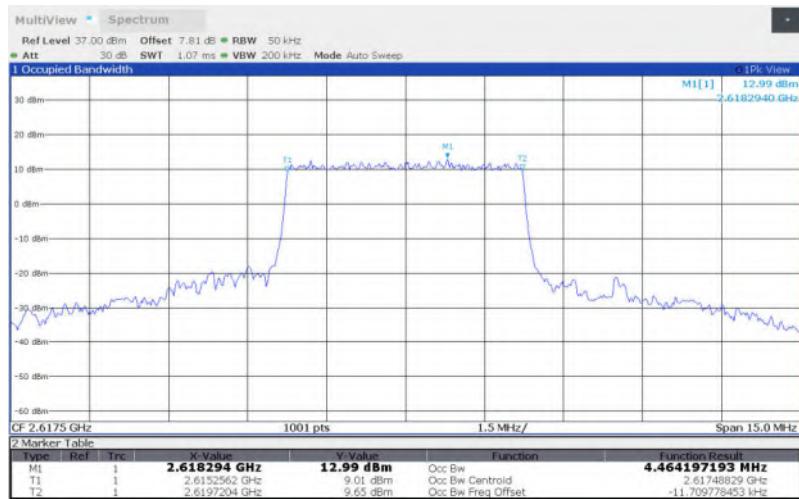
### LTE Band 38 , 5MHz Bandwidth,MID,64QAM (99% BW)



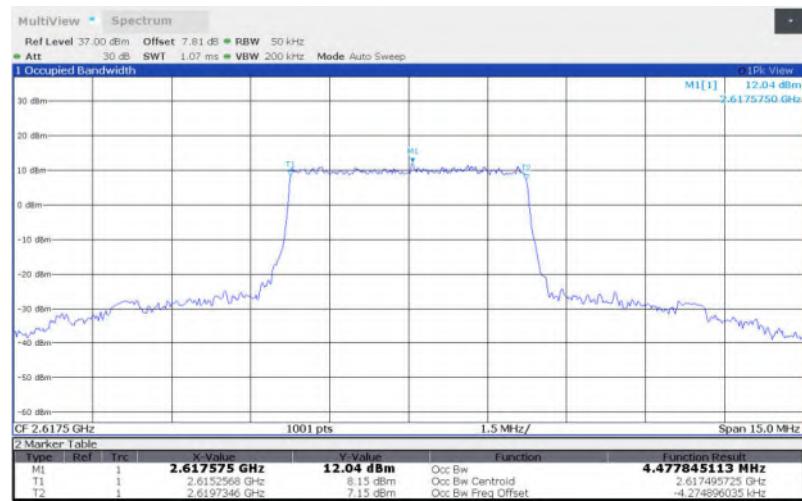
### LTE Band 38 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



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

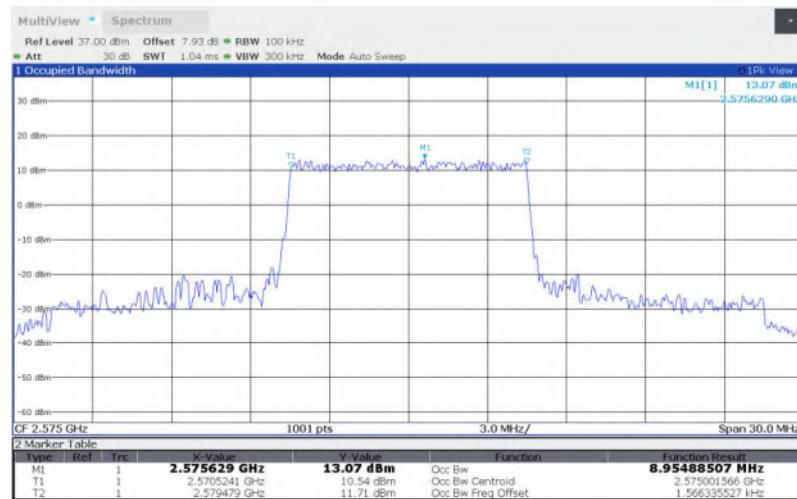
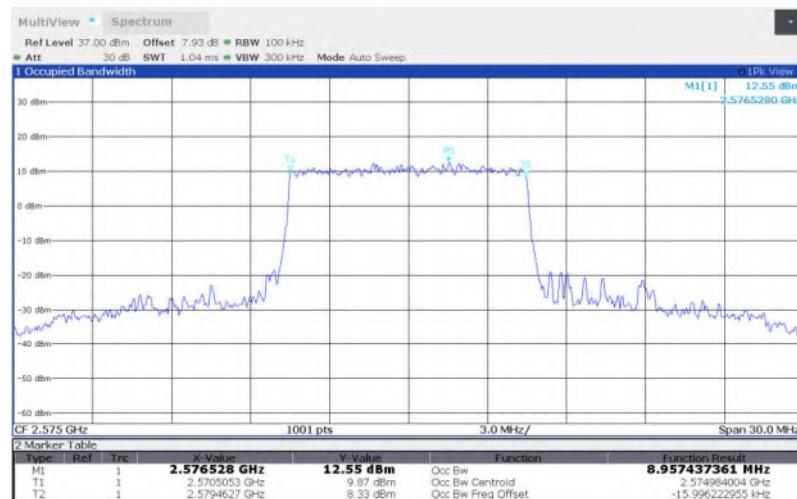


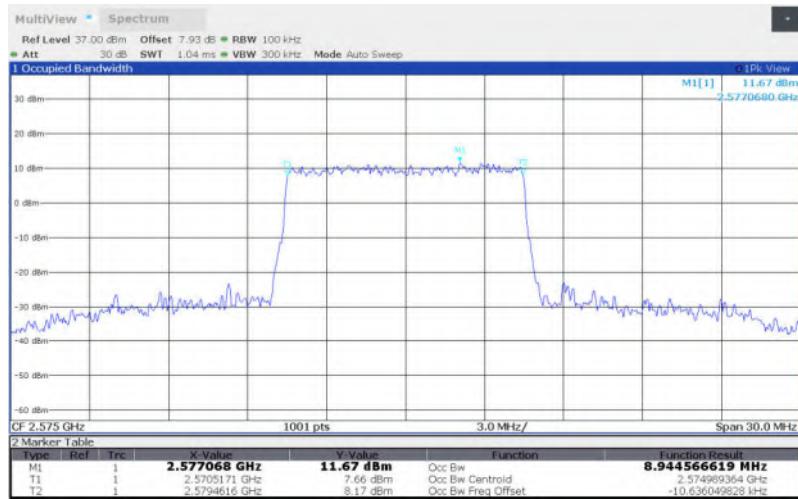
### LTE Band 38 , 5MHz Bandwidth,HIGH,64QAM (99% BW)



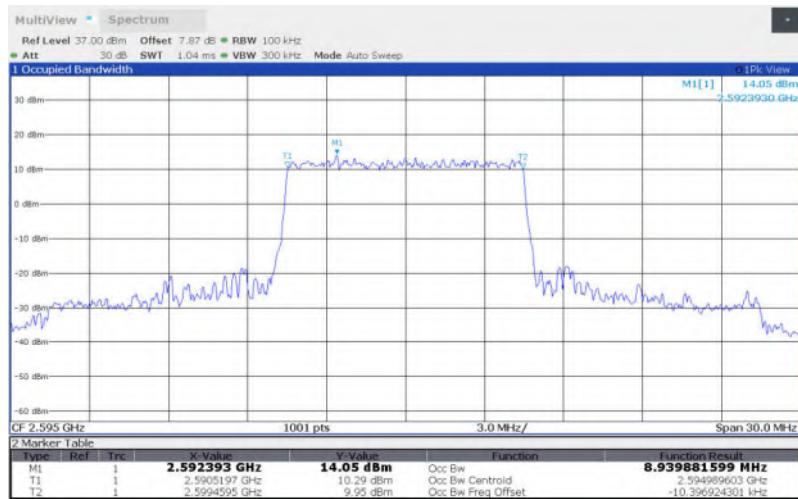
**LTE Band 38,10MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2575	8.955	8.957	8.945
2595	8.940	8.938	8.938
2615	8.937	8.943	8.942

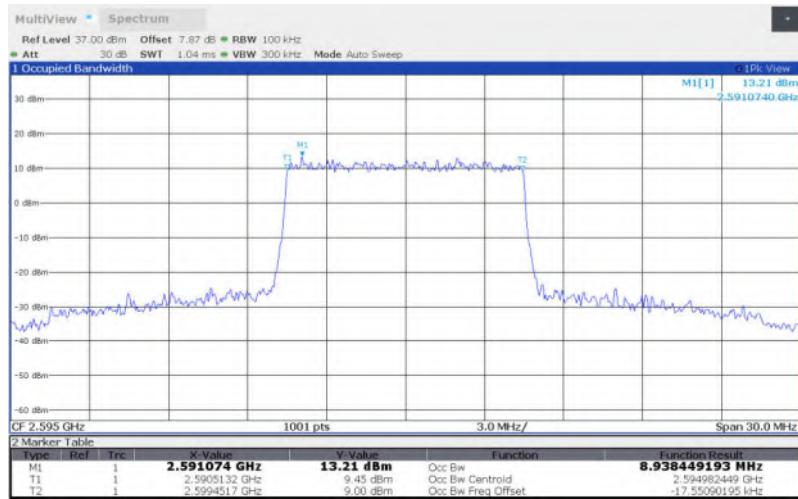
**LTE Band 38 , 10MHz Bandwidth,LOW,QPSK (99% BW)**

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

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



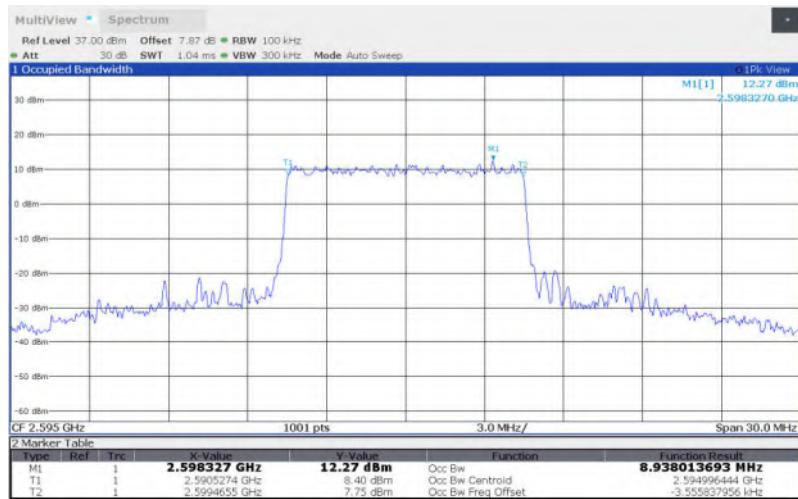
### LTE Band 38 , 10MHz Bandwidth,MID,QPSK (99% BW)



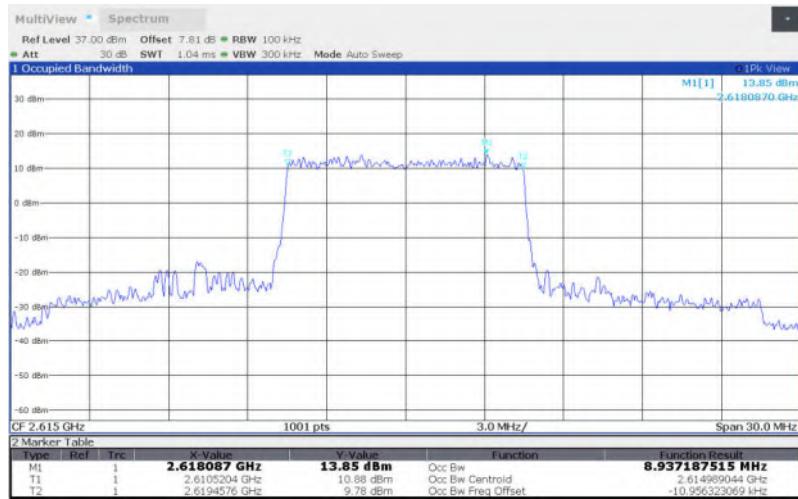
### LTE Band 38 , 10MHz Bandwidth,MID,16QAM (99% BW)



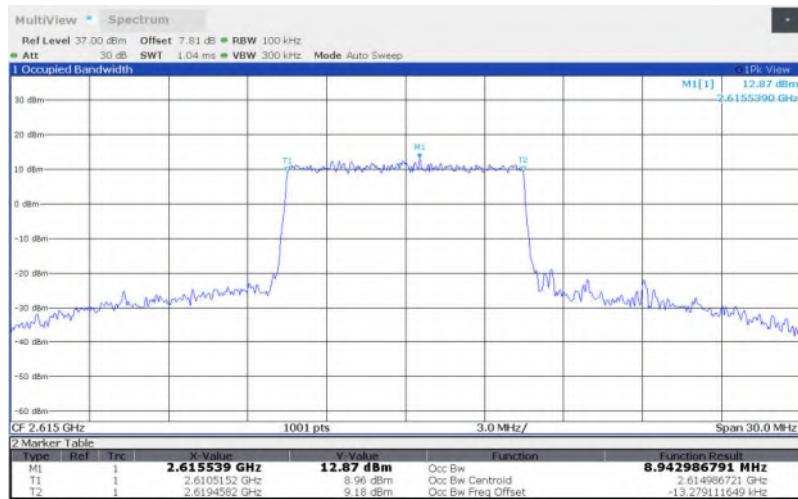
### LTE Band 38 , 10MHz Bandwidth,MID,64QAM (99% BW)



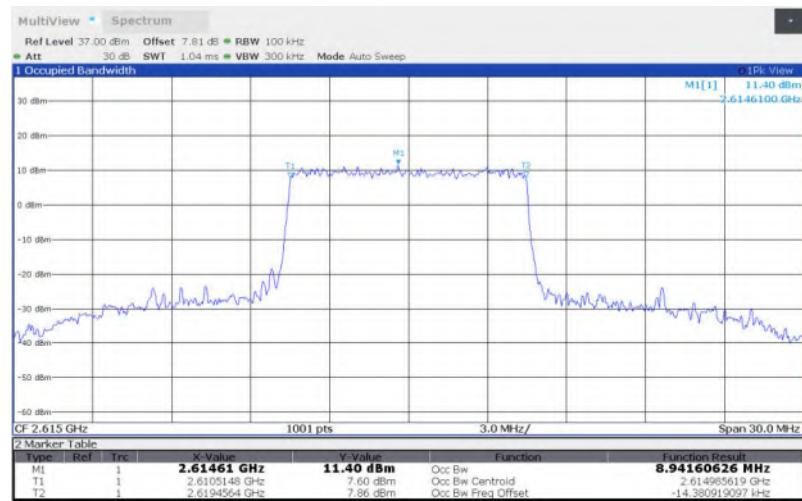
### LTE Band 38 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



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

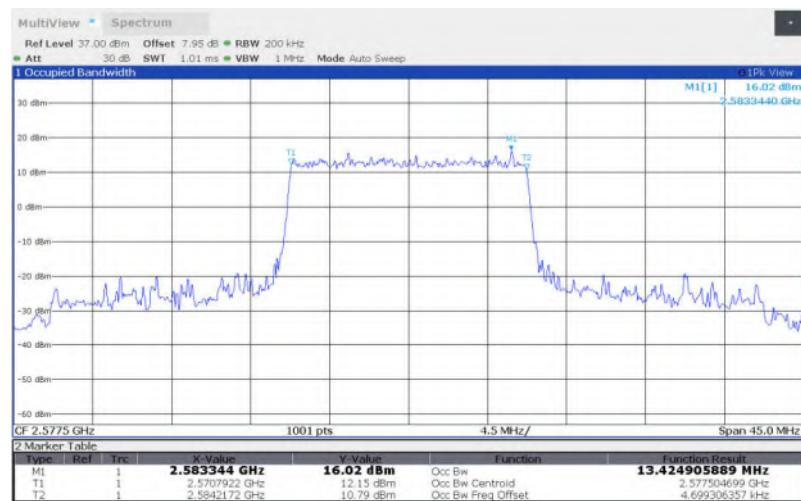
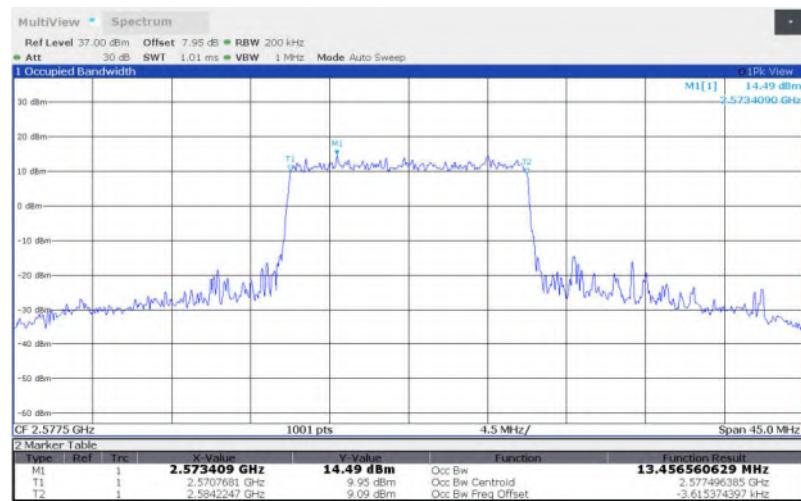


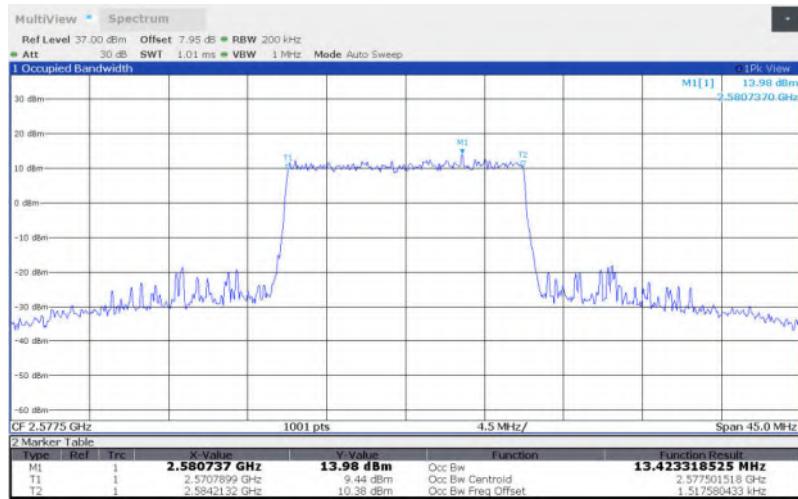
### LTE Band 38 , 10MHz Bandwidth,HIGH,64QAM (99% BW)



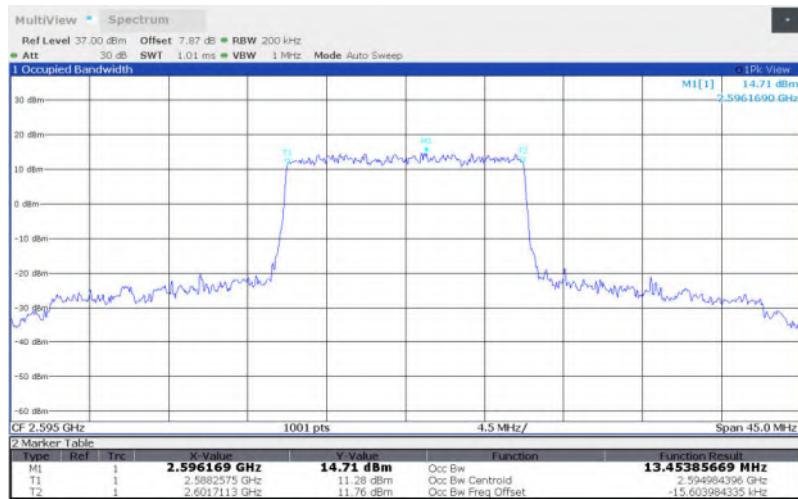
**LTE Band 38,15MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2577.5	13.425	13.457	13.423
2595	13.454	13.451	13.438
2612.5	13.393	13.413	13.476

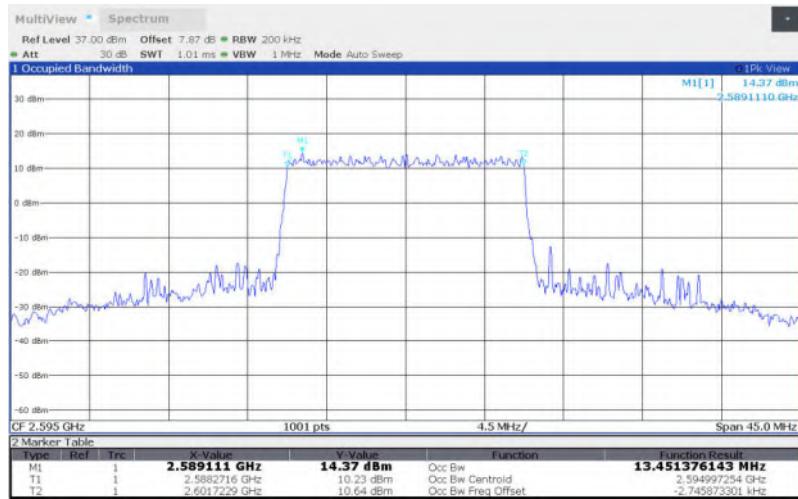
**LTE Band 38 , 15MHz Bandwidth,LOW,QPSK (99% BW)**

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

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



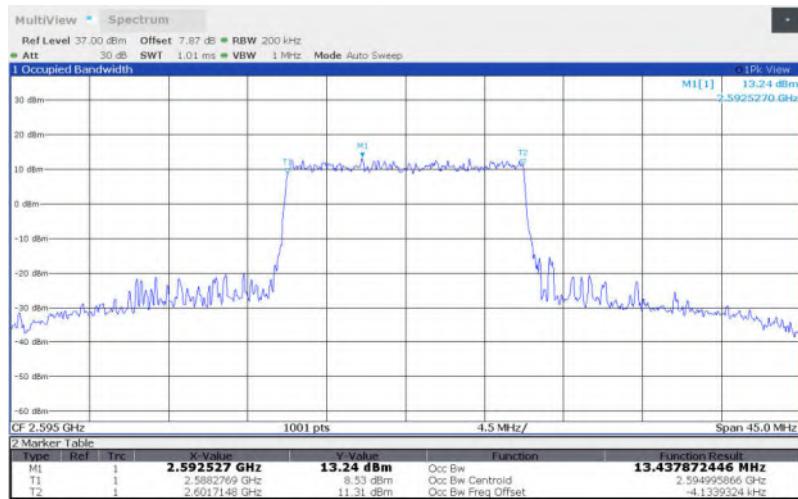
### LTE Band 38 , 15MHz Bandwidth,MID,QPSK (99% BW)



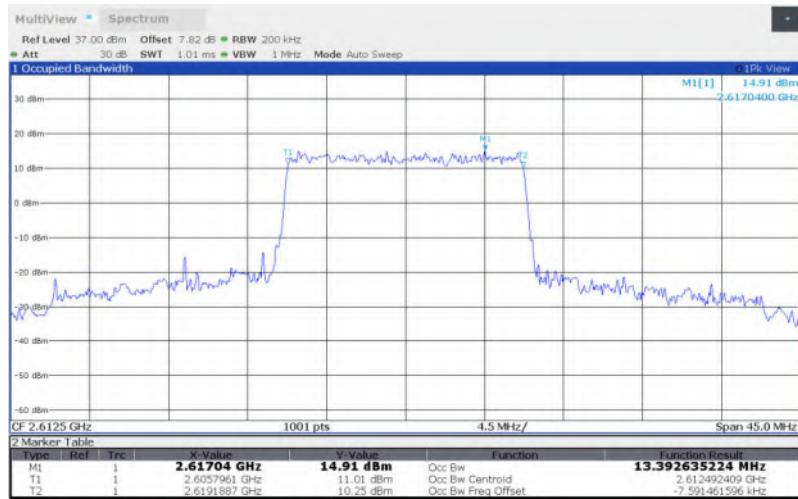
### LTE Band 38 , 15MHz Bandwidth,MID,16QAM (99% BW)



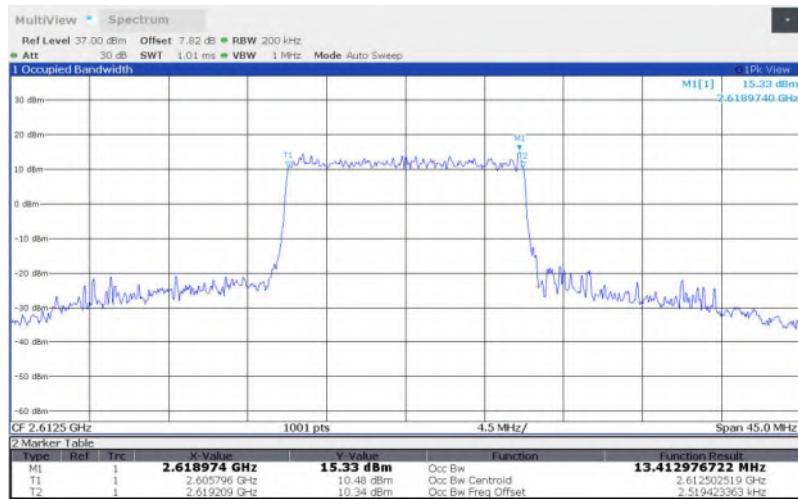
### LTE Band 38 , 15MHz Bandwidth,MID,64QAM (99% BW)



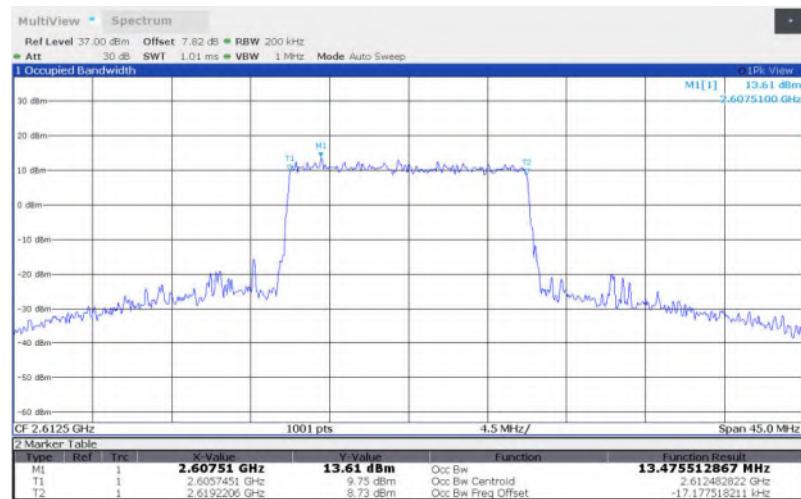
### LTE Band 38 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



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

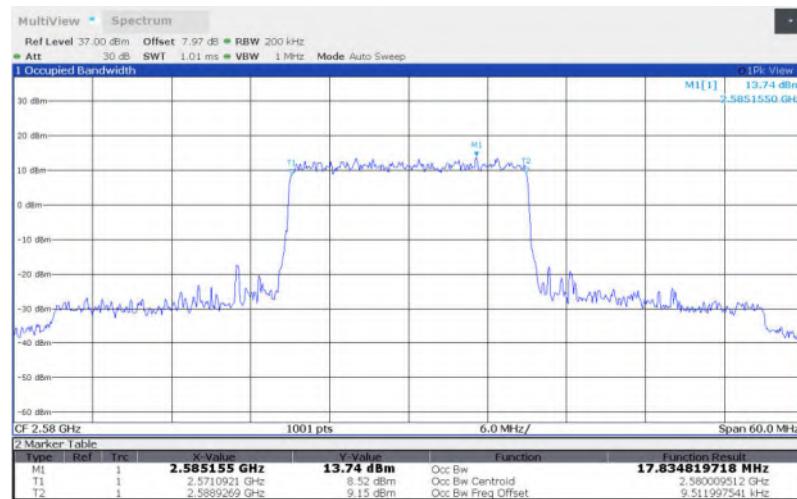
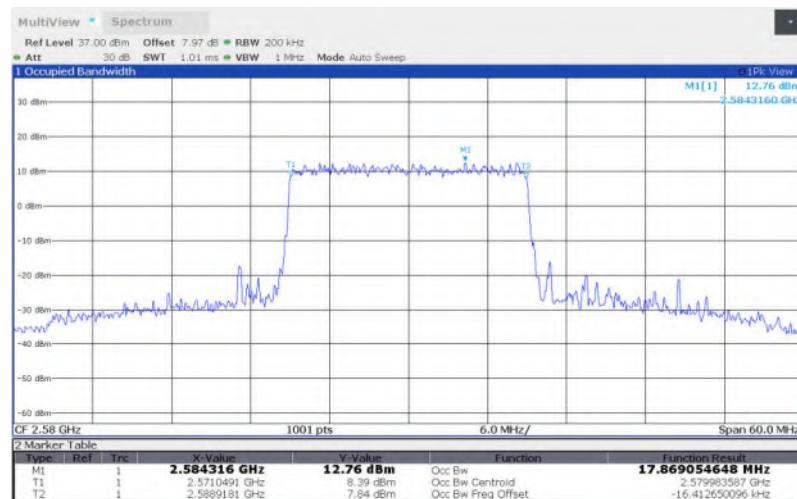


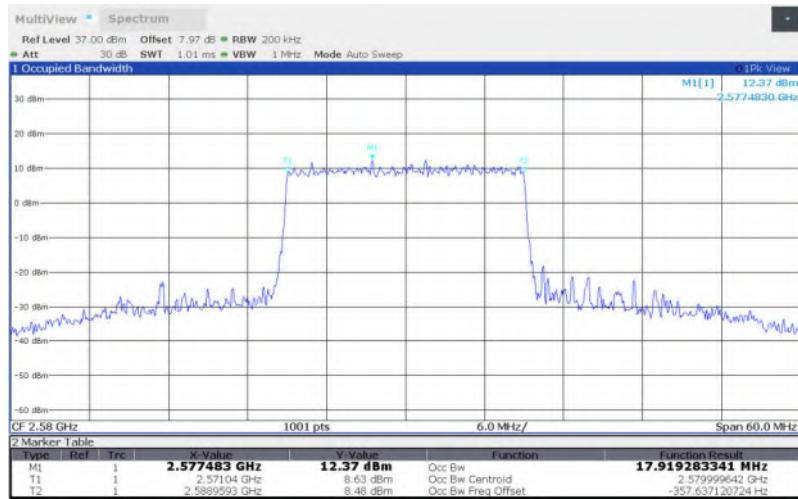
### LTE Band 38 , 15MHz Bandwidth,HIGH,64QAM (99% BW)



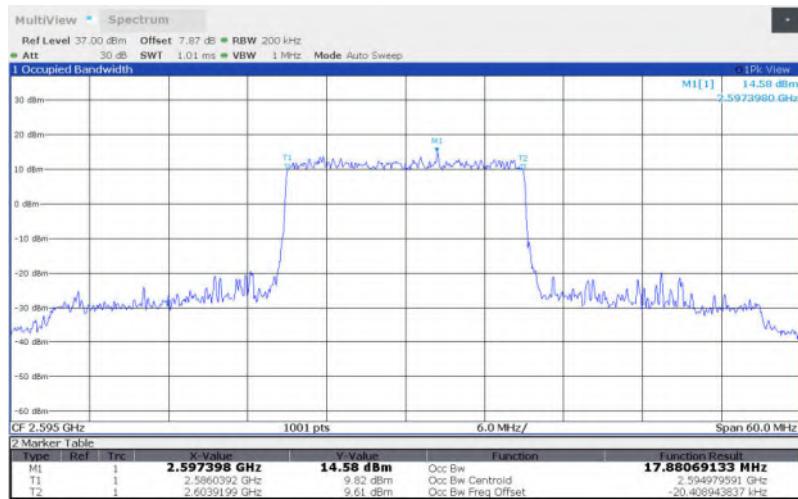
**LTE Band 38,20MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2580	17.835	17.869	17.919
2595	17.881	17.864	17.882
2610	17.898	17.889	17.876

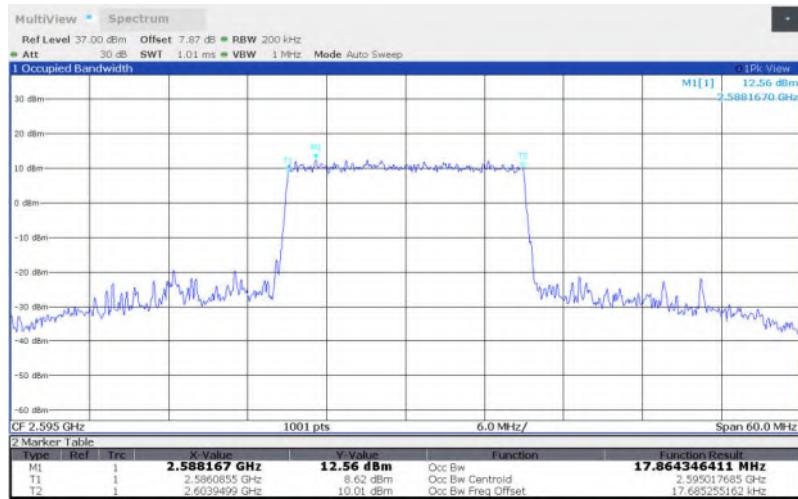
**LTE Band 38 , 20MHz Bandwidth,LOW,QPSK (99% BW)**

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

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



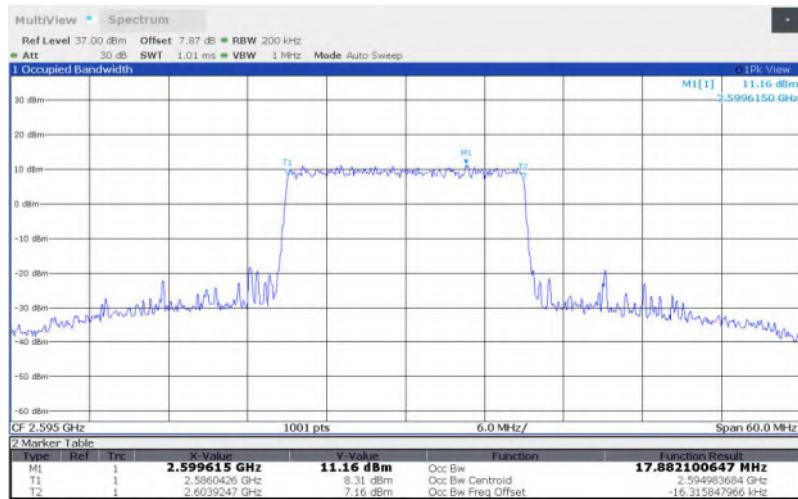
### LTE Band 38 , 20MHz Bandwidth,MID,QPSK (99% BW)



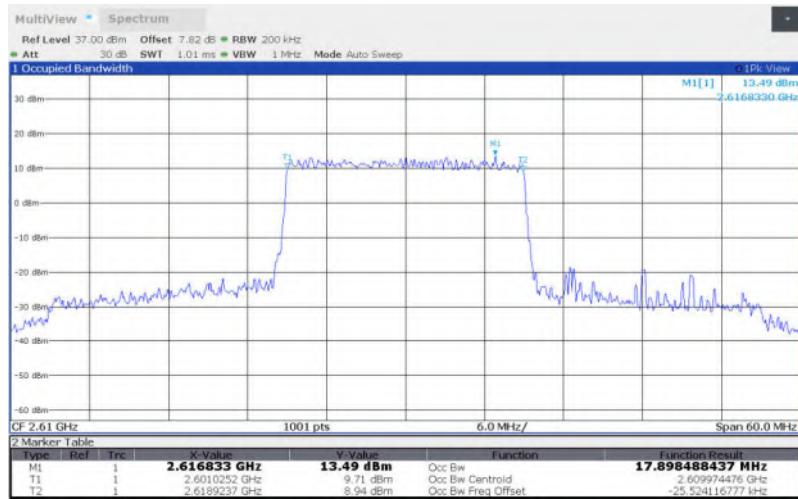
### LTE Band 38 , 20MHz Bandwidth,MID,16QAM (99% BW)



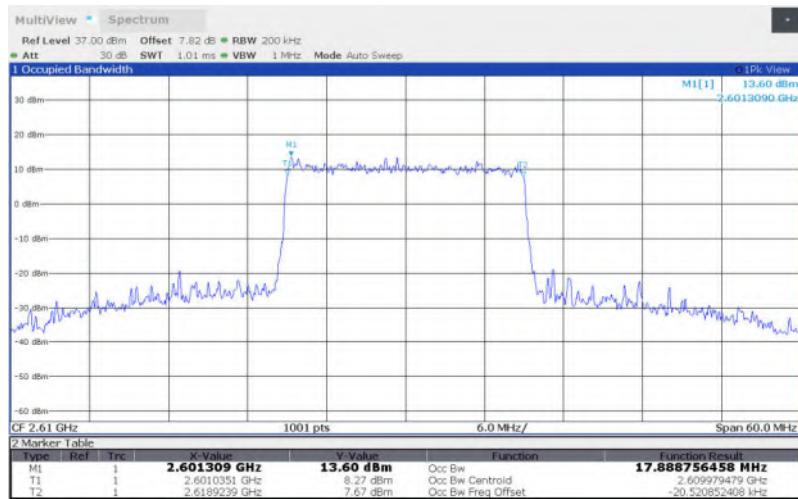
### LTE Band 38 , 20MHz Bandwidth,MID,64QAM (99% BW)



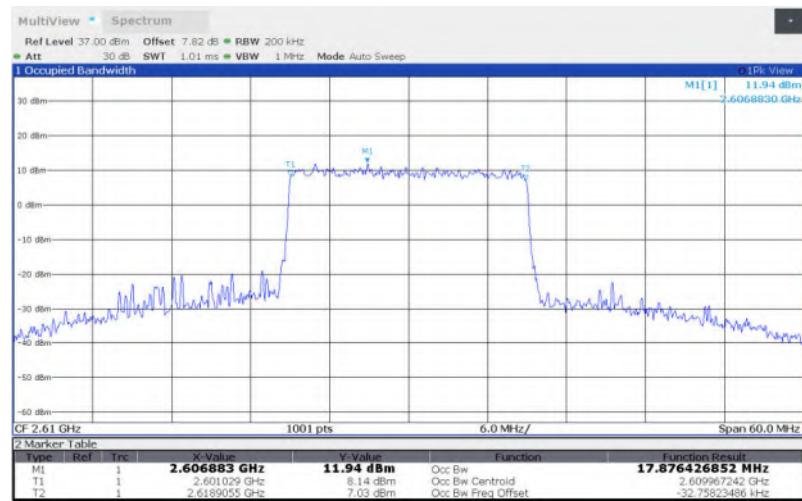
### LTE Band 38 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



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

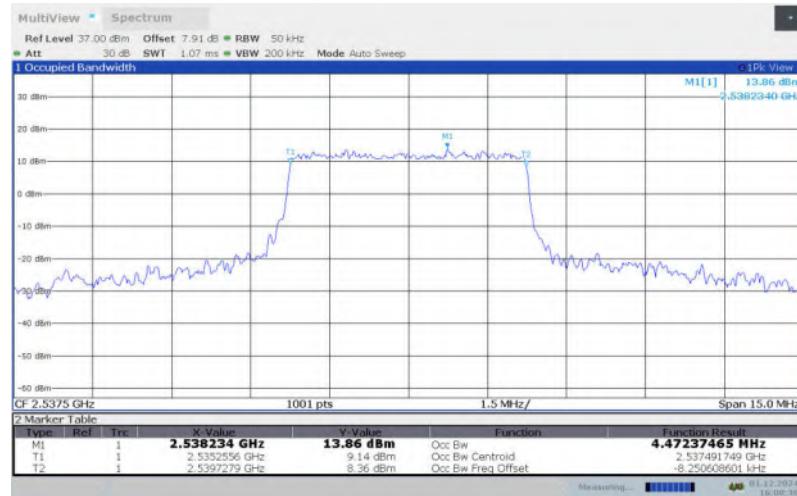
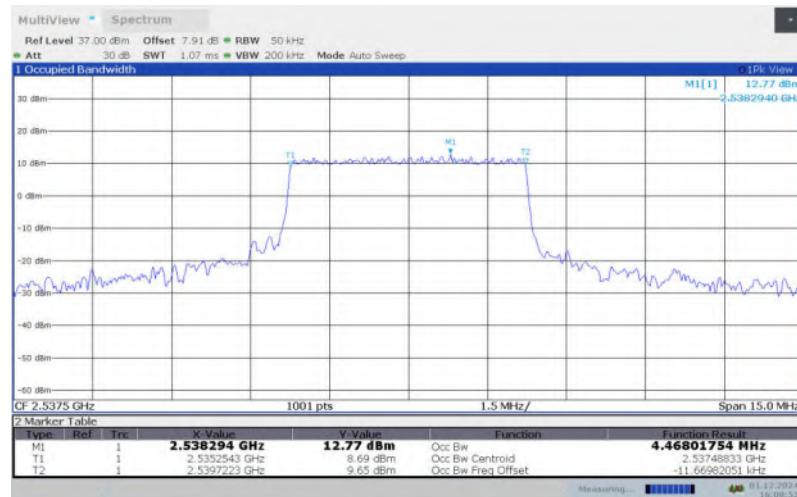


### LTE Band 38 , 20MHz Bandwidth,HIGH,64QAM (99% BW)



**LTE Band 41,5MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)		
	QPSK	16QAM	64QAM
2498.5	4.472	4.468	4.475
2593	4.484	4.466	4.468
2687.5	4.471	4.471	4.462

**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)**