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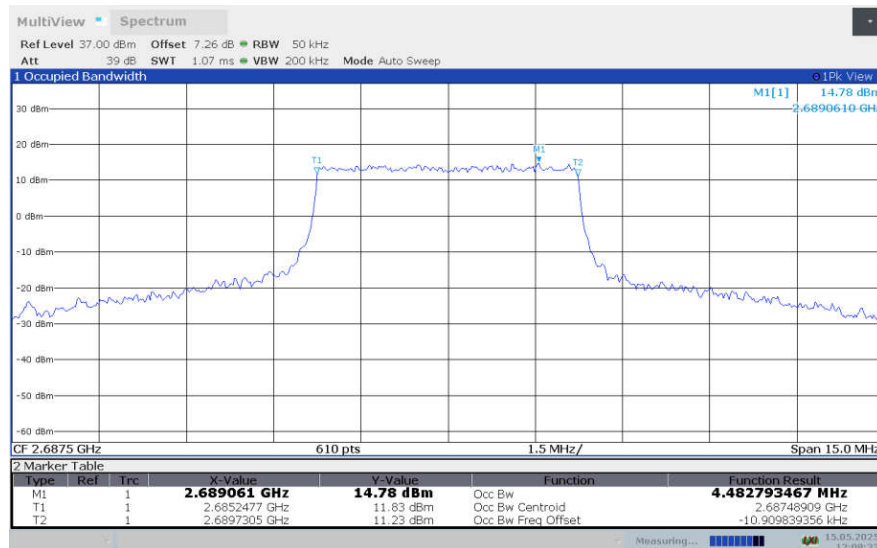

LTE band 41 , 5MHz Bandwidth,HIGH,64QAM (99% BW)

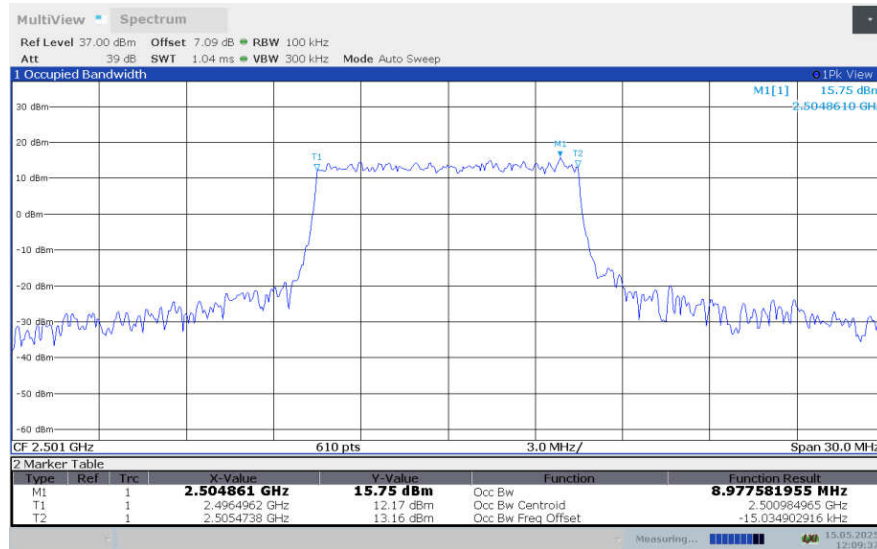MultiView · Spectrum

Ref Level 37.00 dBm   Offset 7.26 dB ● RBW 50 kHz
Att   39 dB   SWT 1.07 ms ● VBW 200 kHz   Mode Auto Sweep

1 Occupied Bandwidth   ● 1Pk View

M1[1]   15.06 dBm
2.6882500 GHz

30 dBm
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm

CF 2.6875 GHz   610 pts   1.5 MHz/   Span 15.0 MHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	2.68825 GHz	15.06 dBm	Occ Bw	4.504895462 MHz
T1		1	2.6852432 GHz	12.26 dBm	Occ Bw Centroid	2.687495686 GHz
T2		1	2.6897481 GHz	10.83 dBm	Occ Bw Freq Offset	-4.313998713 kHz

Measuring...   15.05.2025 12:08:38

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

MultiView · Spectrum

Ref Level 37.00 dBm   Offset 7.26 dB ● RBW 50 kHz
Att   39 dB   SWT 1.07 ms ● VBW 200 kHz   Mode Auto Sweep

1 Occupied Bandwidth   ● 1Pk View

M1[1]   13.01 dBm
2.6884960 GHz

30 dBm
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm

CF 2.6875 GHz   610 pts   1.5 MHz/   Span 15.0 MHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	2.688496 GHz	13.01 dBm	Occ Bw	4.500703356 MHz
T1		1	2.6852415 GHz	8.55 dBm	Occ Bw Centroid	2.687491851 GHz
T2		1	2.6897422 GHz	7.78 dBm	Occ Bw Freq Offset	-8.148562864 kHz

Measuring...   15.05.2025 12:08:52

LTE band 41,10MHz(99%)

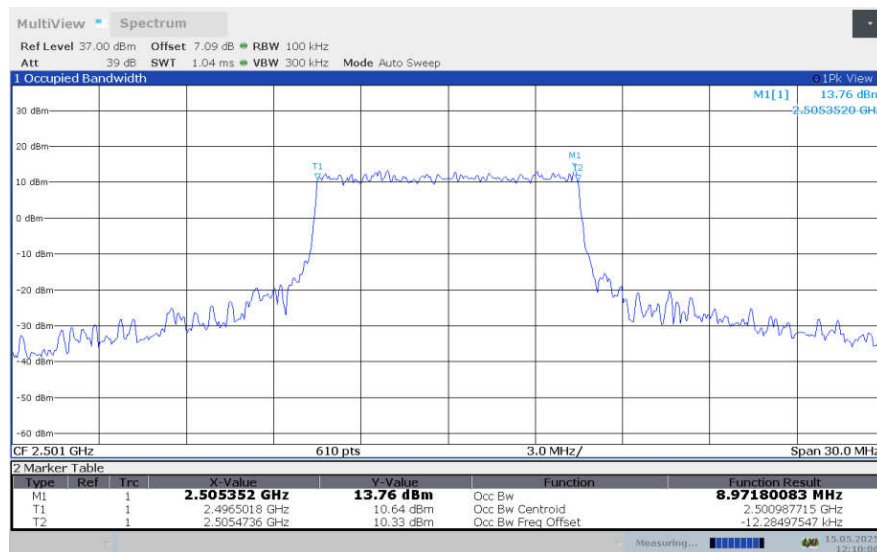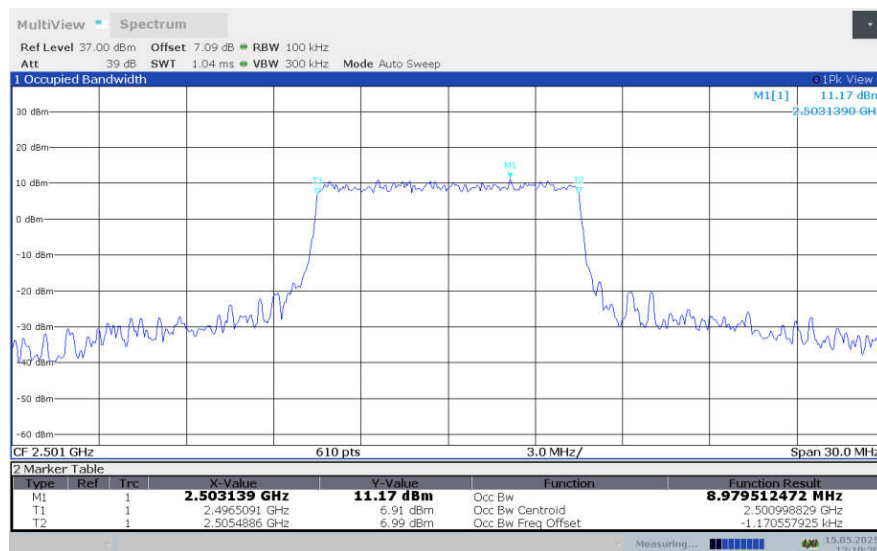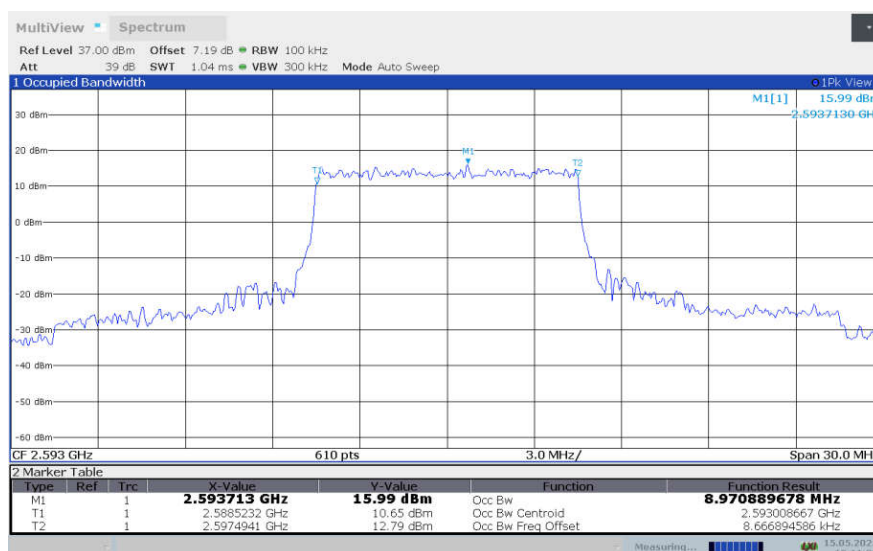| Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2501	8.978	8.977	8.972	8.980
2593	8.971	8.985	8.997	8.987
2685	9.015	8.984	8.983	9.001

LTE band 41 , 10MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 41 , 10MHz Bandwidth,LOW,16QAM (99% BW)

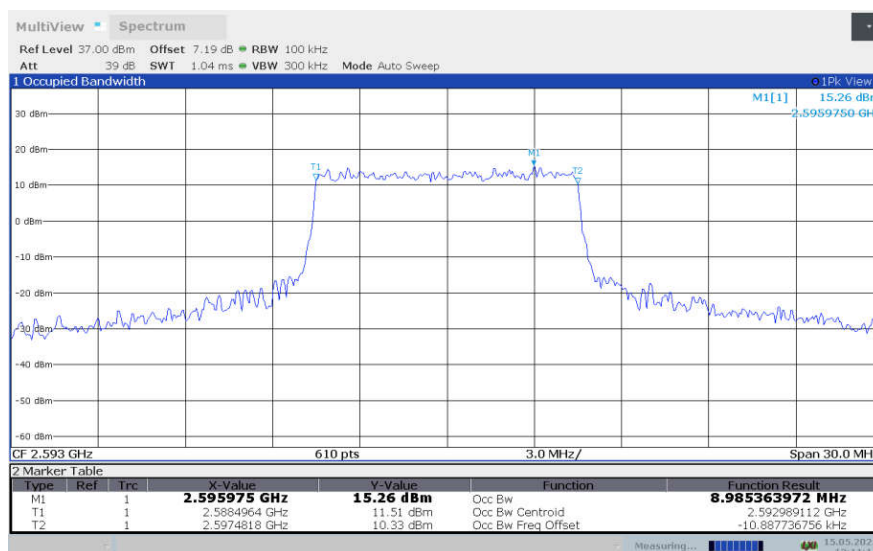**LTE band 41 , 10MHz Bandwidth,LOW,64QAM (99% BW)**
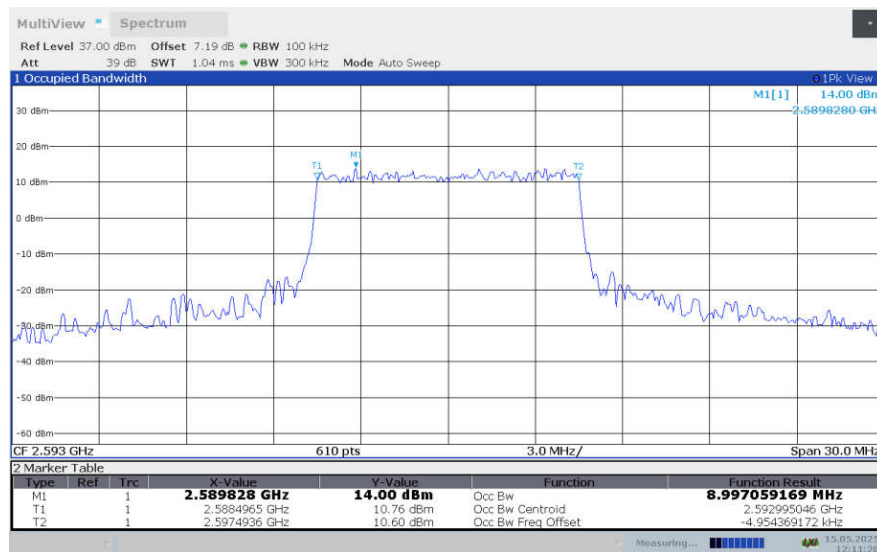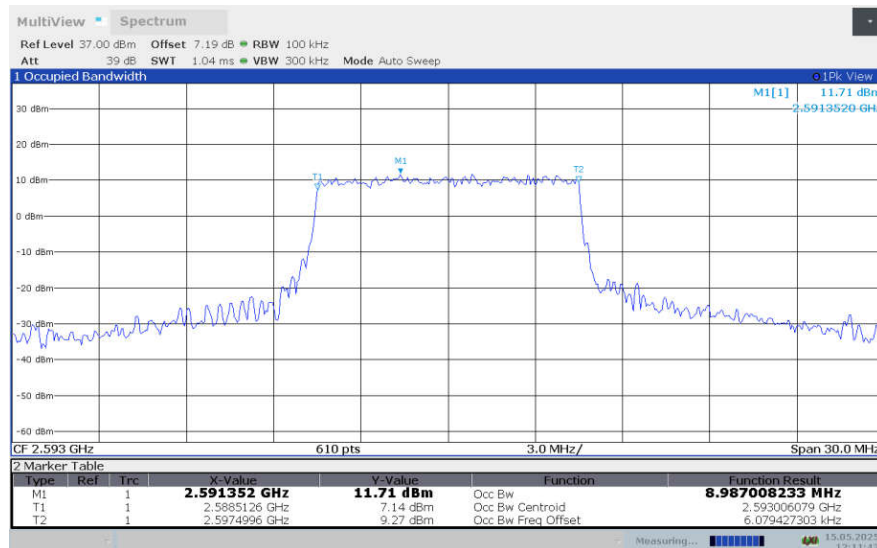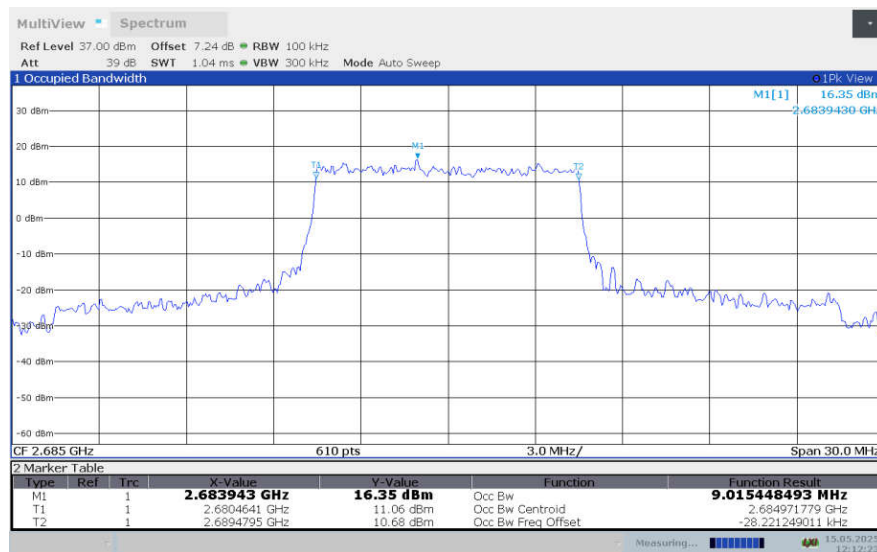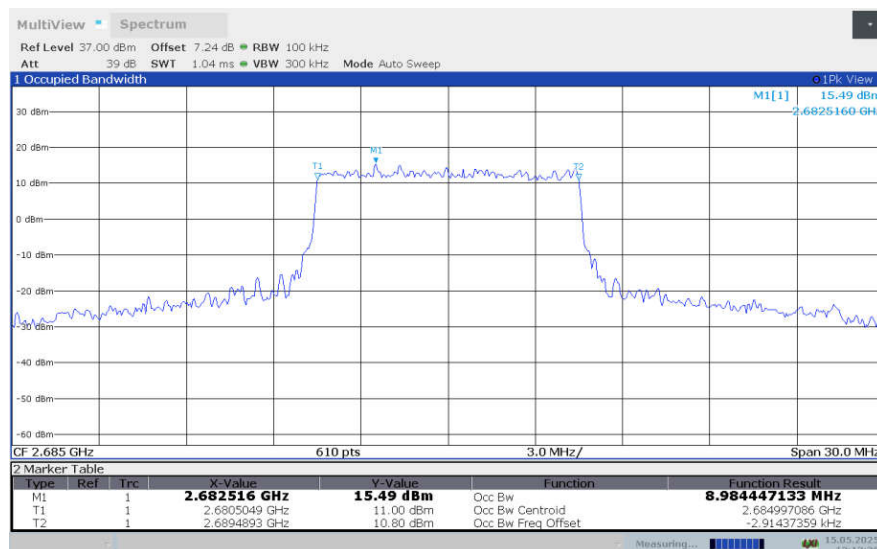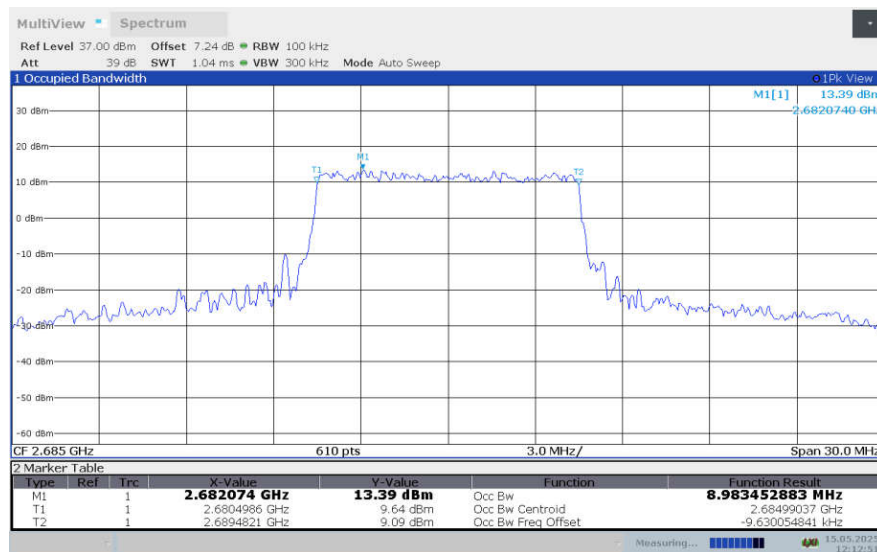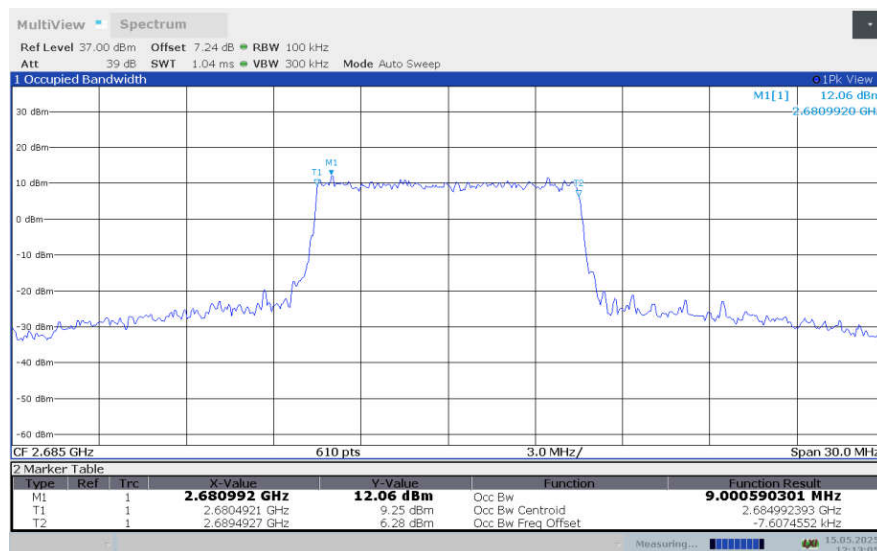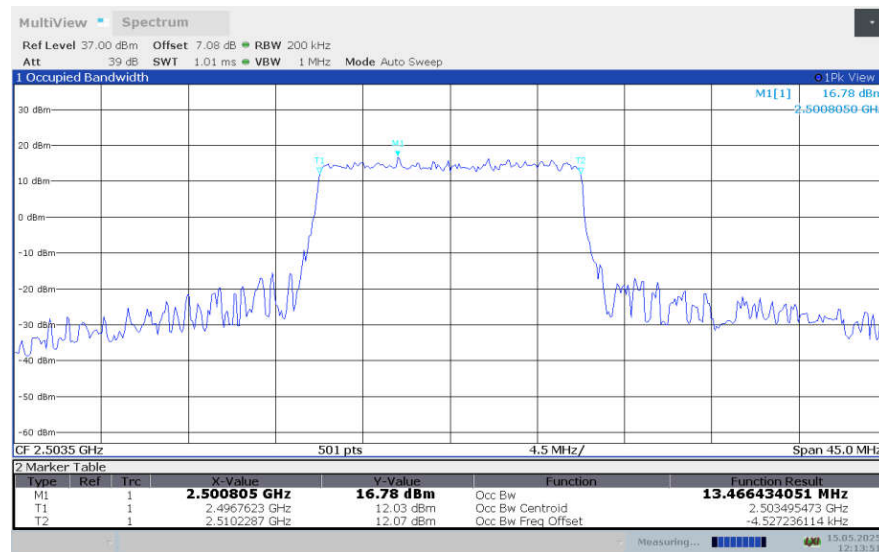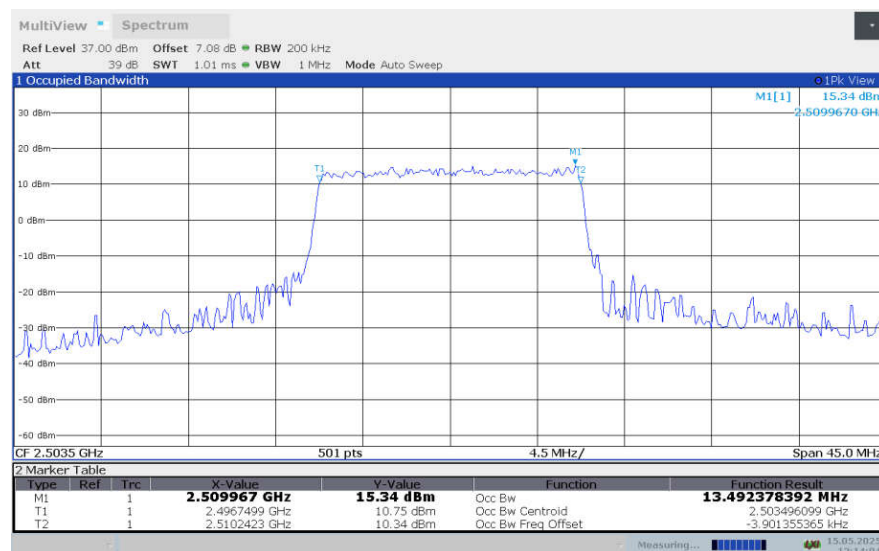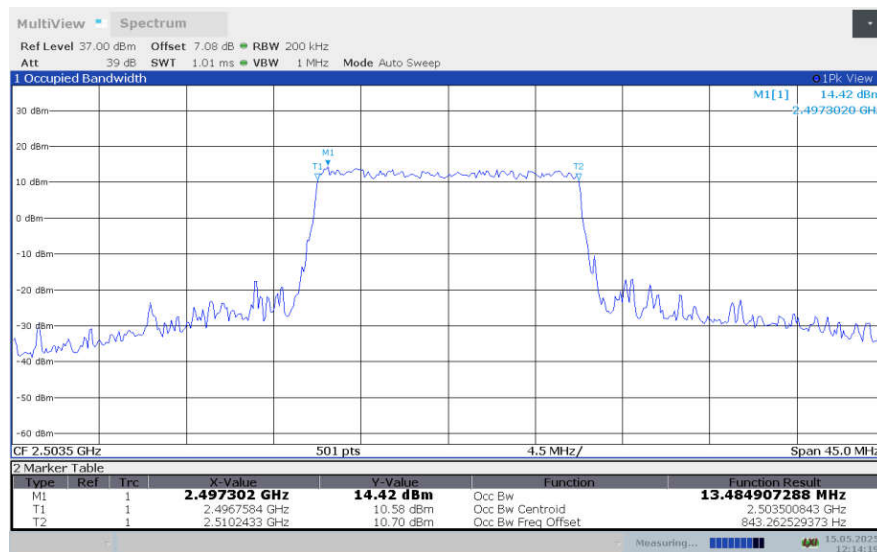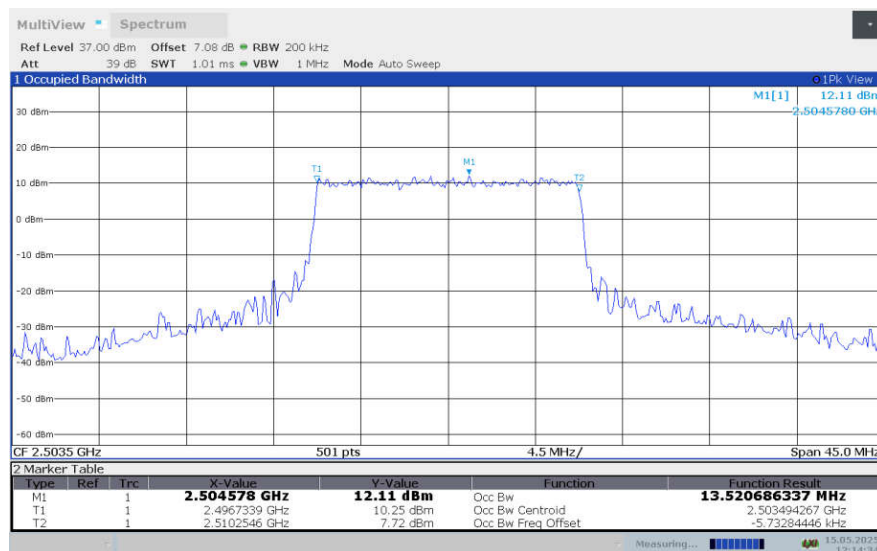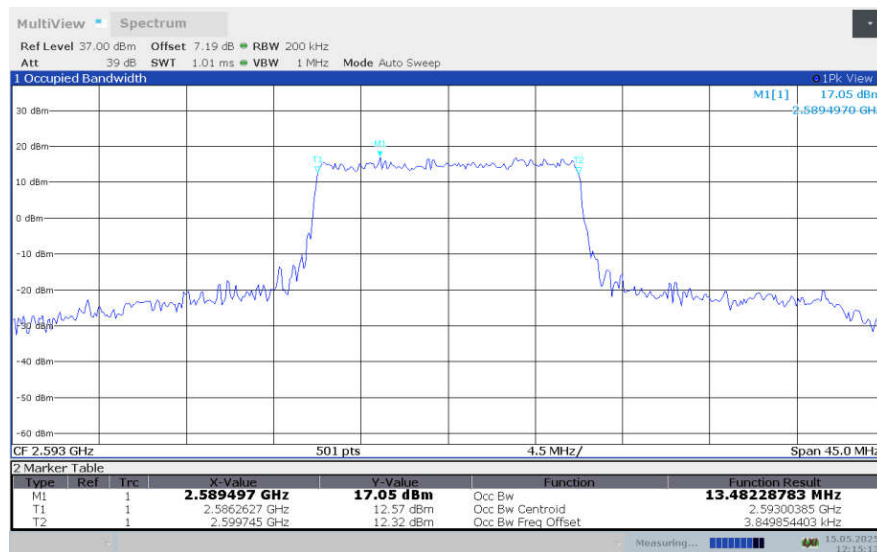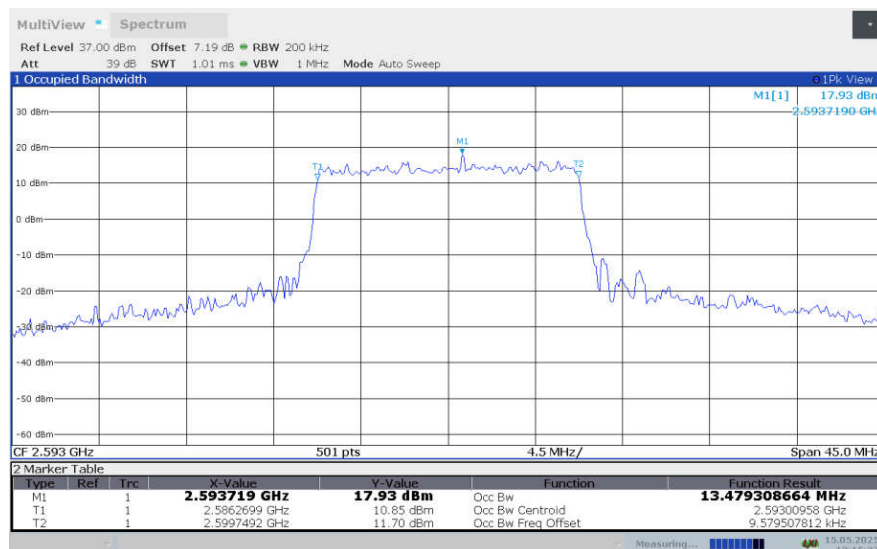
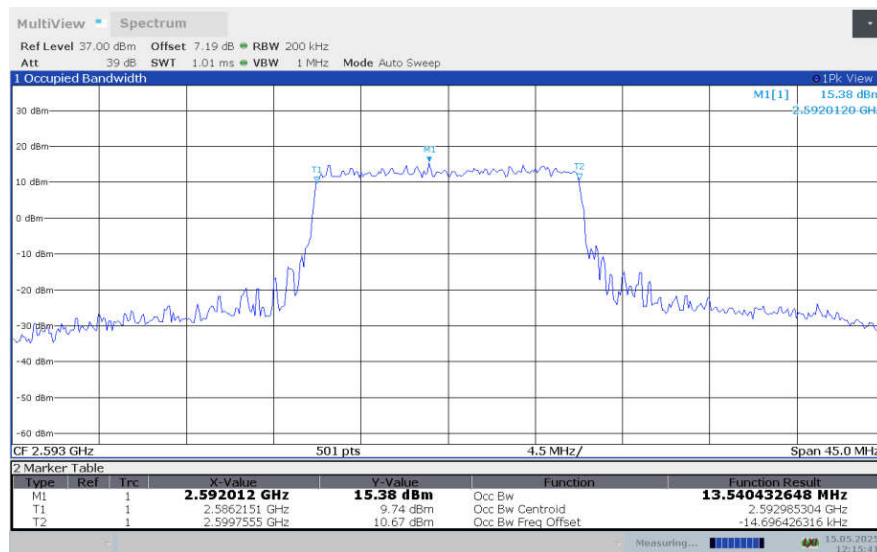**LTE band 41 , 10MHz Bandwidth,LOW,256QAM (99% BW)**

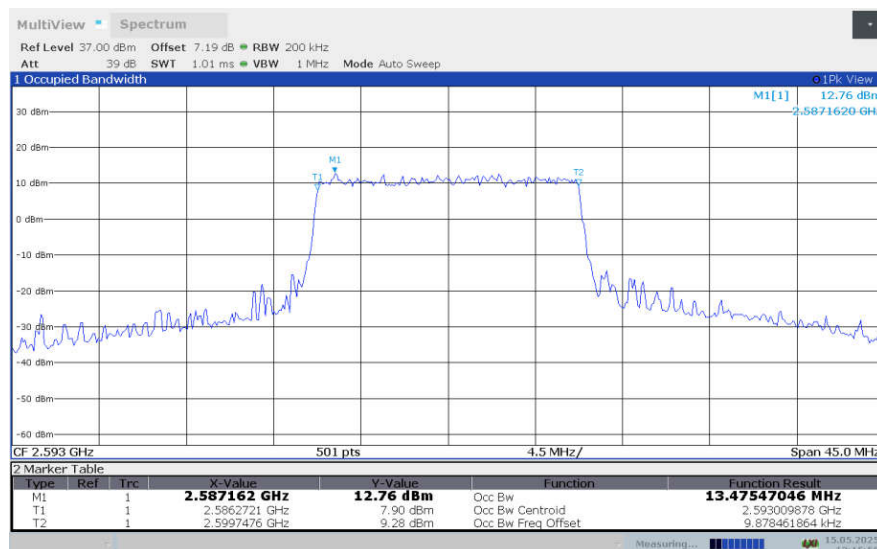**LTE band 41 , 10MHz Bandwidth,MID,QPSK (99% BW)**

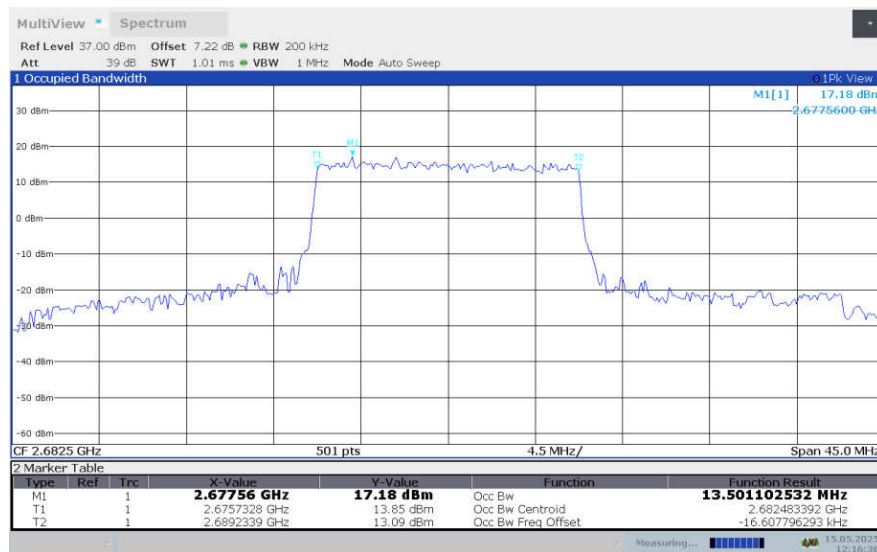**LTE band 41 , 10MHz Bandwidth,MID,16QAM (99% BW)**

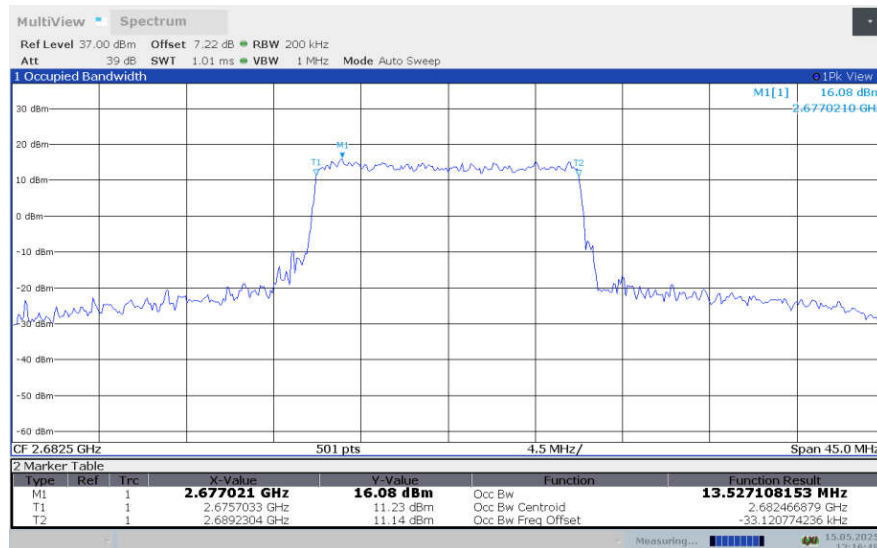**LTE band 41 , 10MHz Bandwidth,MID,64QAM (99% BW)**

LTE band 41 , 10MHz Bandwidth,MID,256QAM (99% BW)
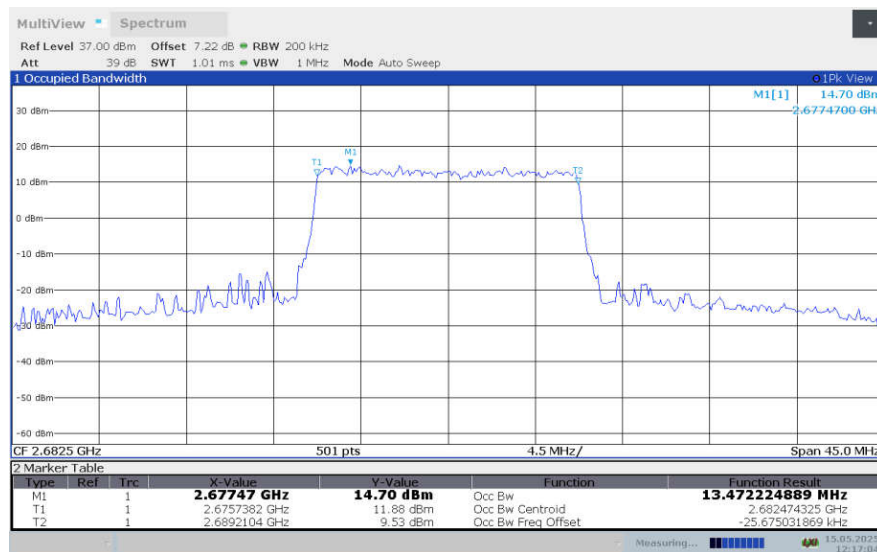

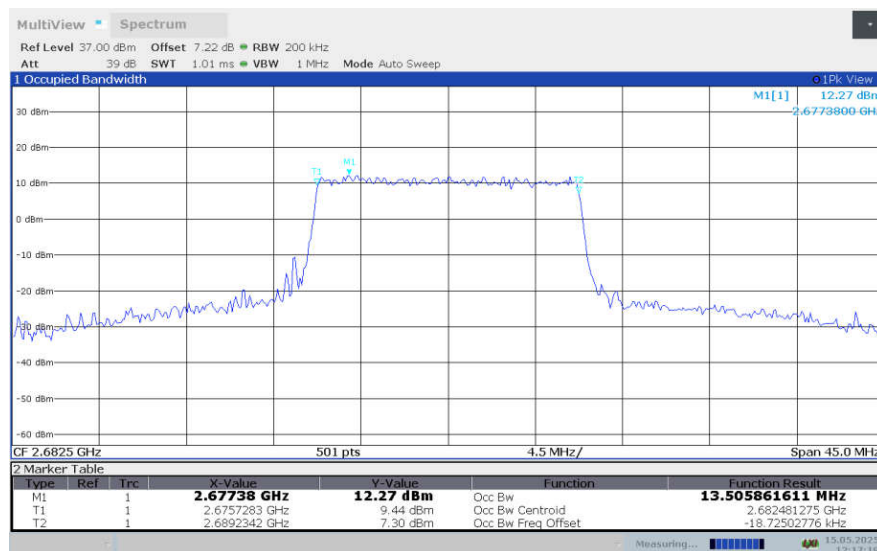**LTE band 41 , 10MHz Bandwidth,HIGH,QPSK (99% BW)**

LTE band 41 , 10MHz Bandwidth,HIGH,16QAM (99% BW)
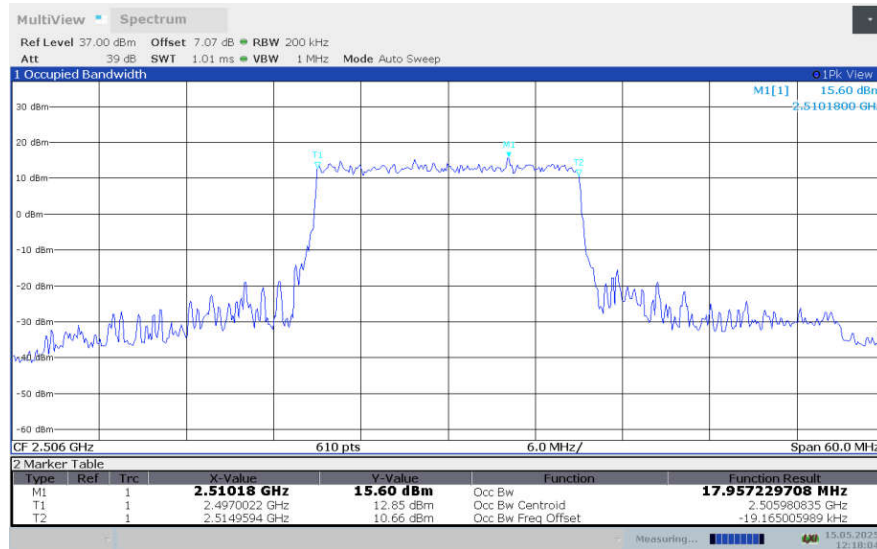

LTE band 41 , 10MHz Bandwidth,HIGH,64QAM (99% BW)
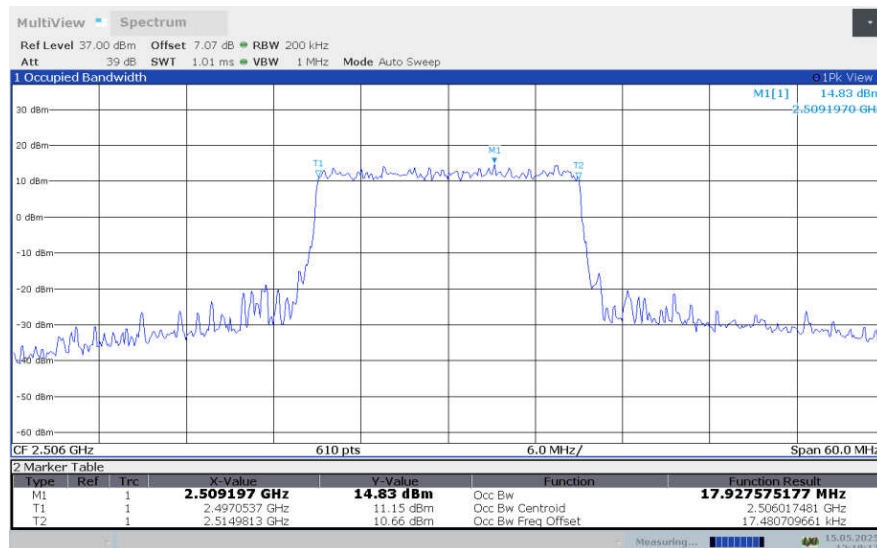
LTE band 41 , 10MHz Bandwidth,HIGH,256QAM (99% BW)

LTE band 41,15MHz(99%)

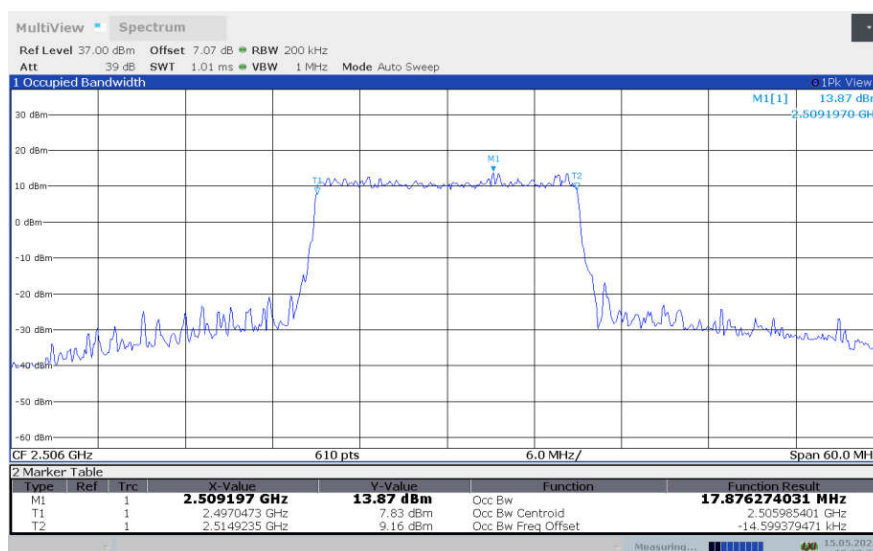| Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2503.5	13.466	13.492	13.485	13.521
2593	13.482	13.479	13.540	13.475
2682.5	13.501	13.527	13.472	13.506

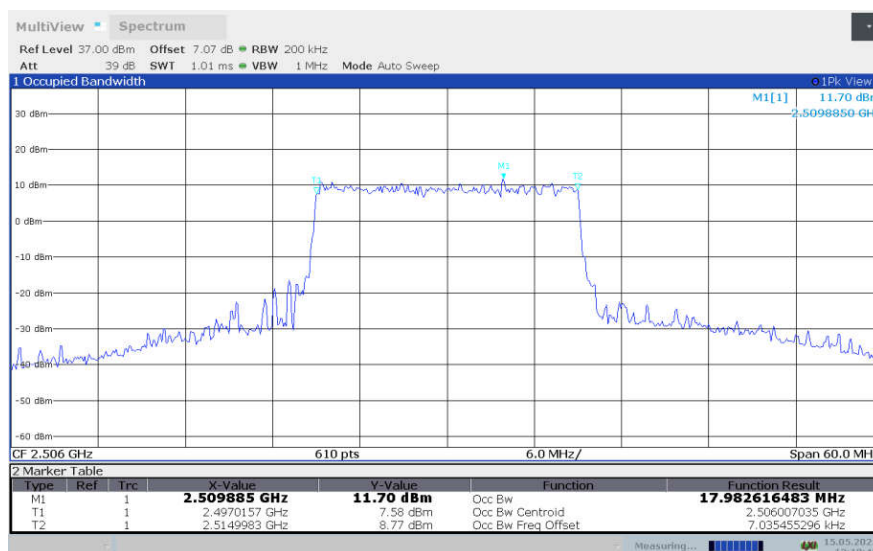**LTE band 41 , 15MHz Bandwidth,LOW,QPSK (99% BW)**

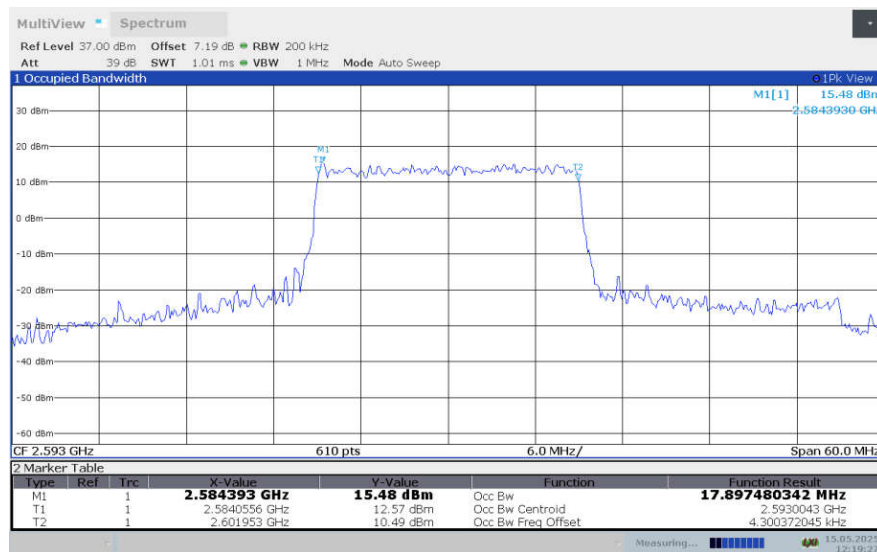**LTE band 41 , 15MHz Bandwidth,LOW,16QAM (99% BW)**

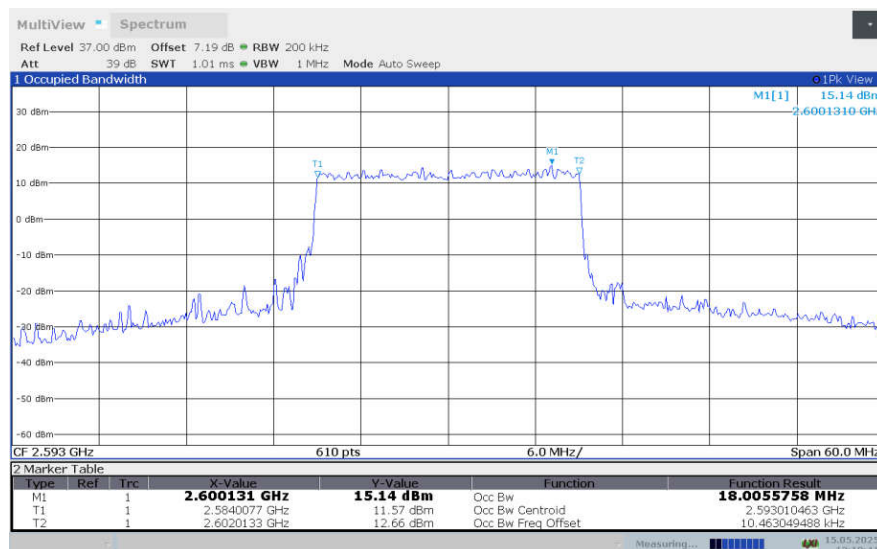**LTE band 41 , 15MHz Bandwidth,LOW,64QAM (99% BW)**
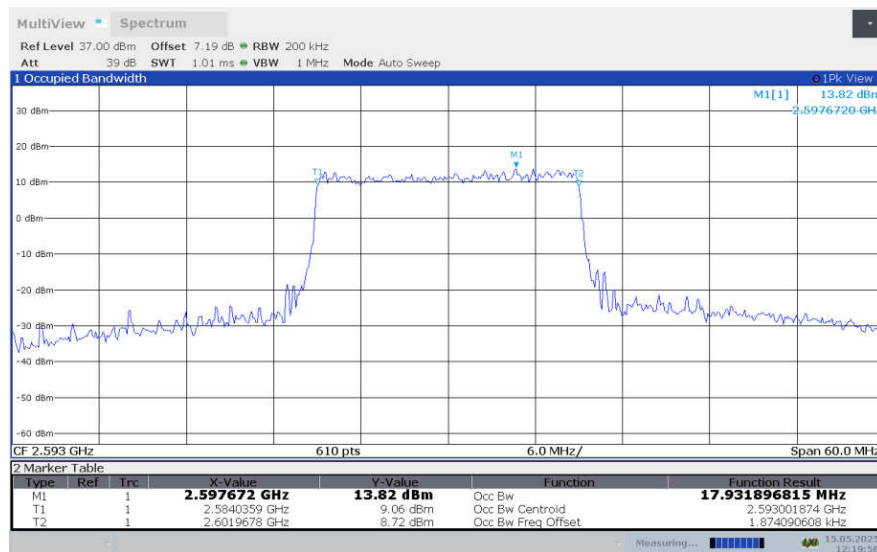
LTE band 41 , 15MHz Bandwidth,LOW,256QAM (99% BW)

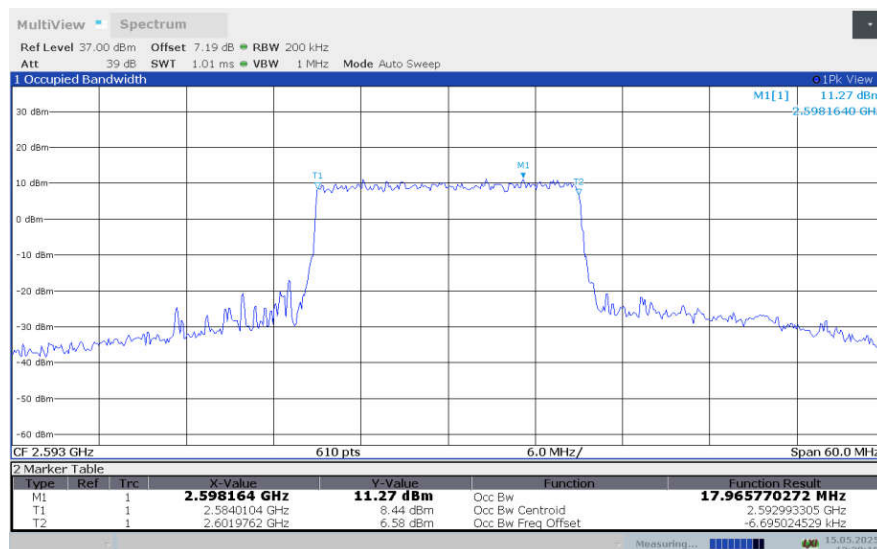**LTE band 41 , 15MHz Bandwidth,MID,QPSK (99% BW)**

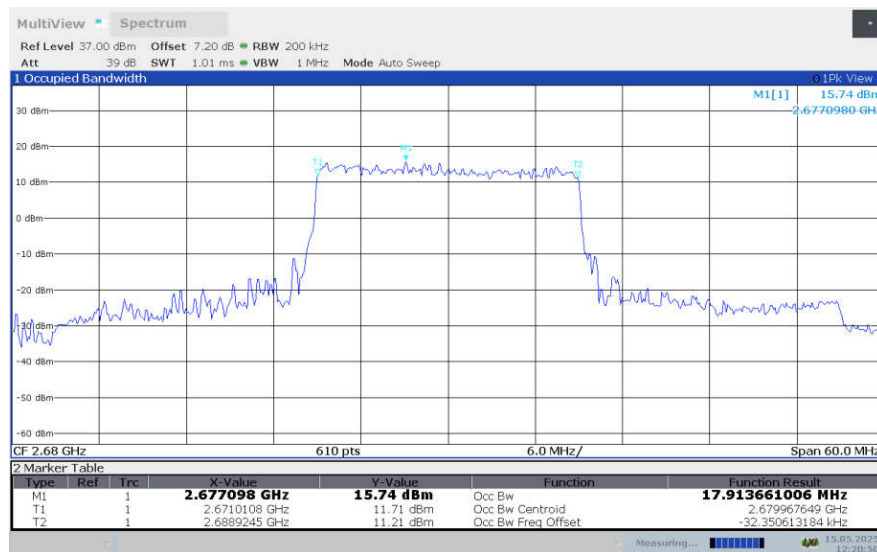**LTE band 41 , 15MHz Bandwidth,MID,16QAM (99% BW)**

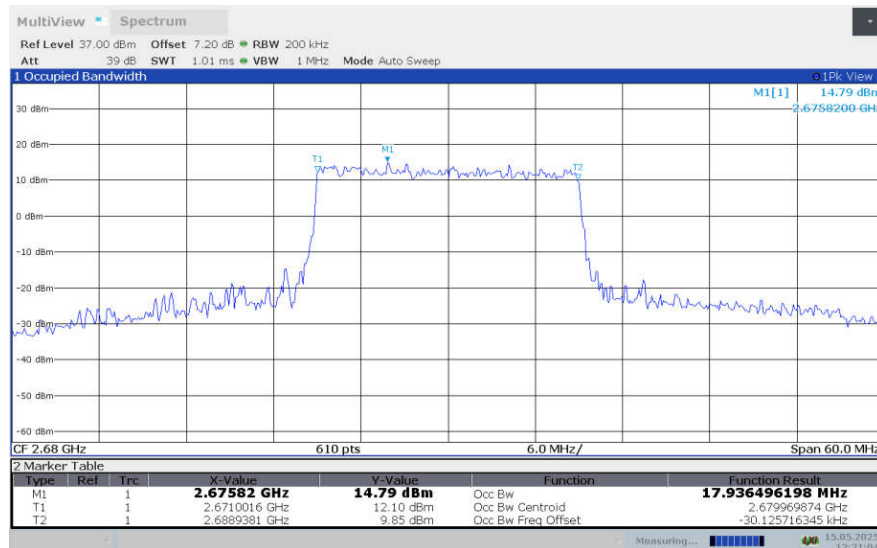**LTE band 41 , 15MHz Bandwidth,MID,64QAM (99% BW)**

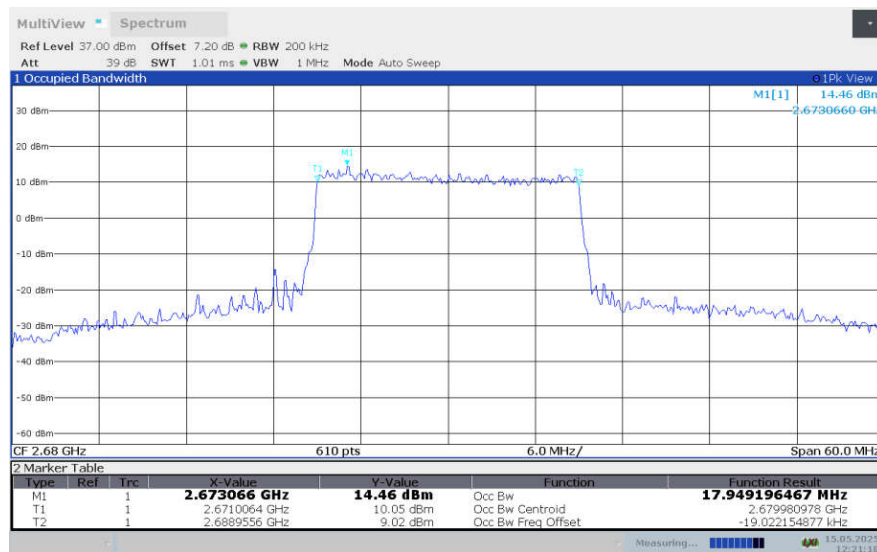**LTE band 41 , 15MHz Bandwidth,MID,256QAM (99% BW)**

LTE band 41 , 15MHz Bandwidth,HIGH,QPSK (99% BW)

LTE band 41 , 15MHz Bandwidth,HIGH,16QAM (99% BW)

LTE band 41 , 15MHz Bandwidth,HIGH,64QAM (99% BW)

LTE band 41 , 15MHz Bandwidth,HIGH,256QAM (99% BW)

LTE band 41,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
2506	17.957	17.928	17.876	17.983
2593	17.897	18.006	17.932	17.966
2680	17.914	17.936	17.949	17.941

LTE band 41 , 20MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 41 , 20MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 41 , 20MHz Bandwidth,LOW,64QAM (99% BW)

LTE band 41 , 20MHz Bandwidth,LOW,256QAM (99% BW)

LTE band 41 , 20MHz Bandwidth,MID,QPSK (99% BW)

LTE band 41 , 20MHz Bandwidth,MID,16QAM (99% BW)

LTE band 41 , 20MHz Bandwidth,MID,64QAM (99% BW)

LTE band 41 , 20MHz Bandwidth,MID,256QAM (99% BW)
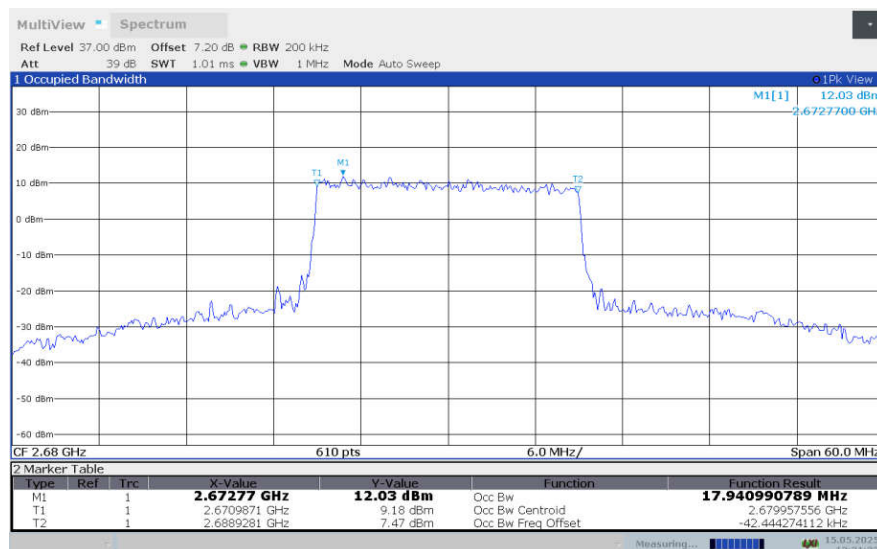

LTE band 41 , 20MHz Bandwidth,HIGH,QPSK (99% BW)

LTE band 41 , 20MHz Bandwidth,HIGH,16QAM (99% BW)

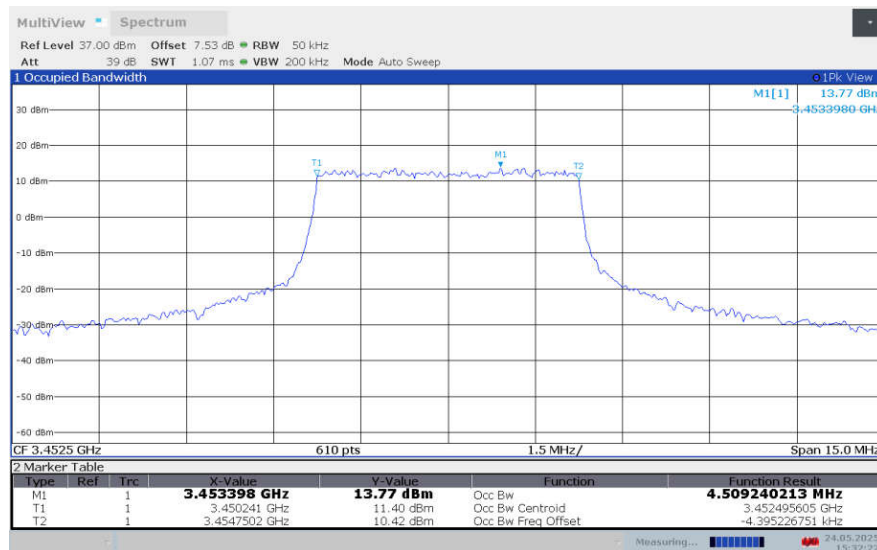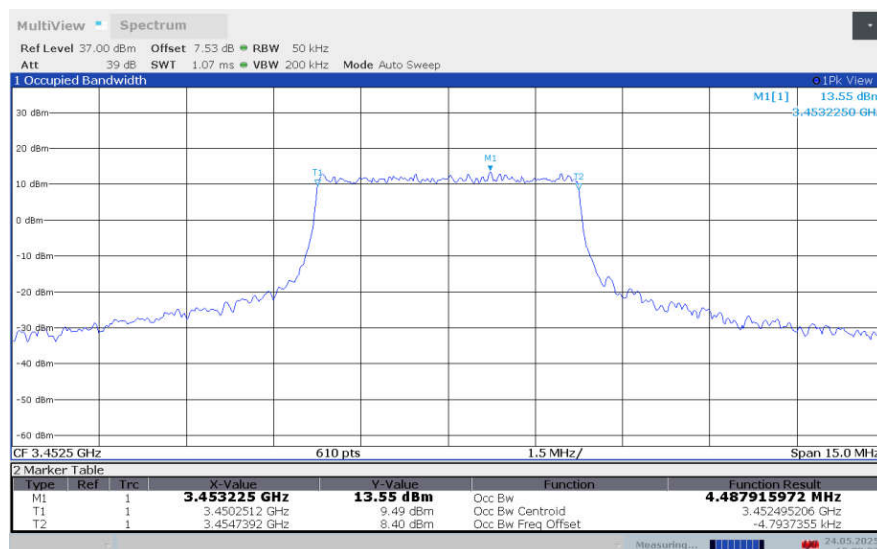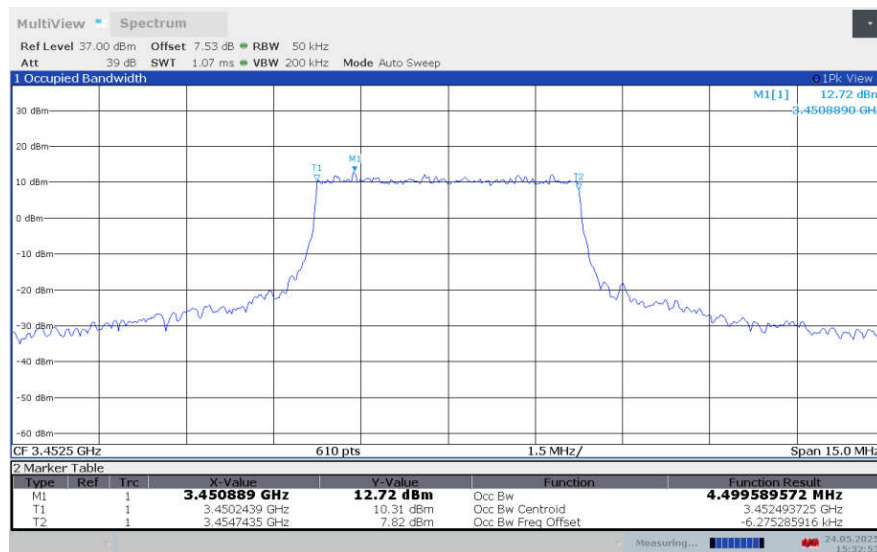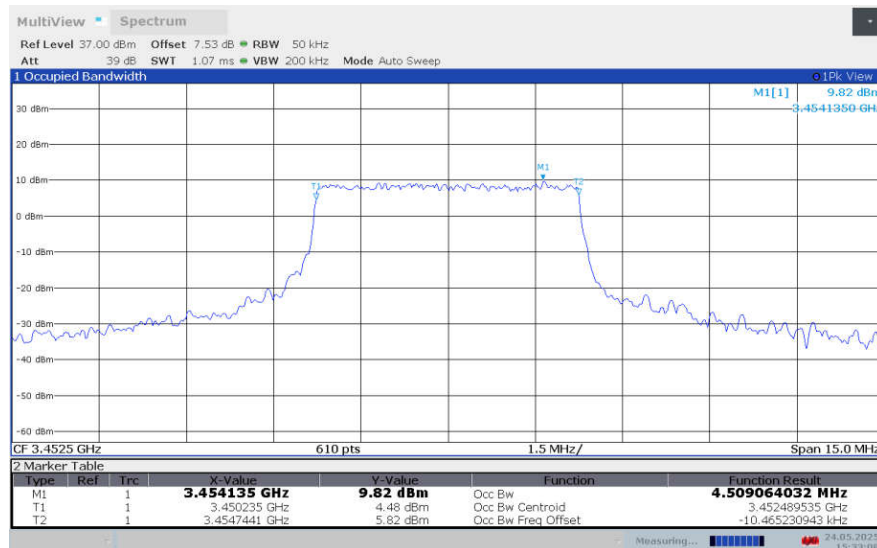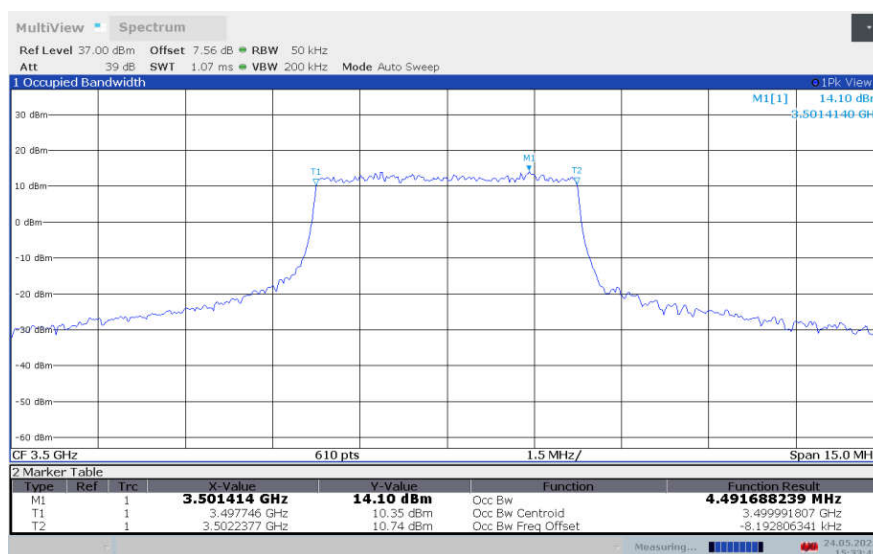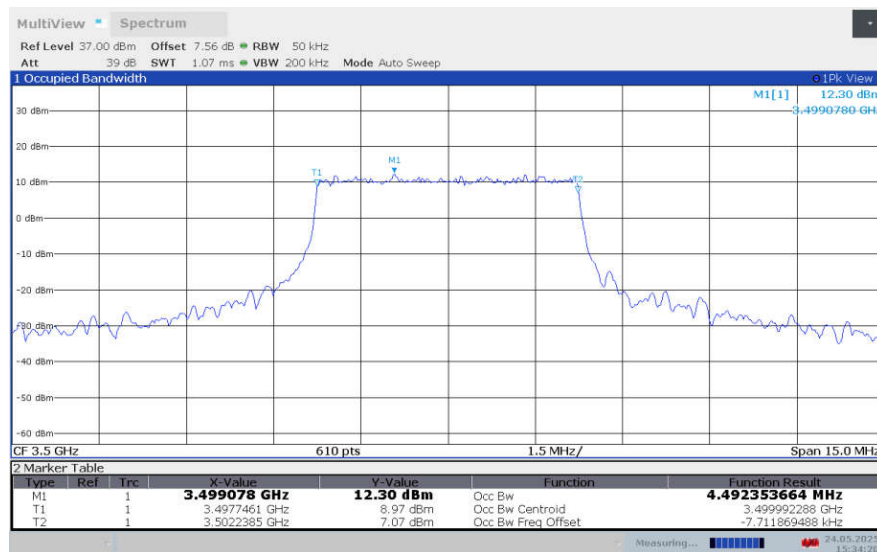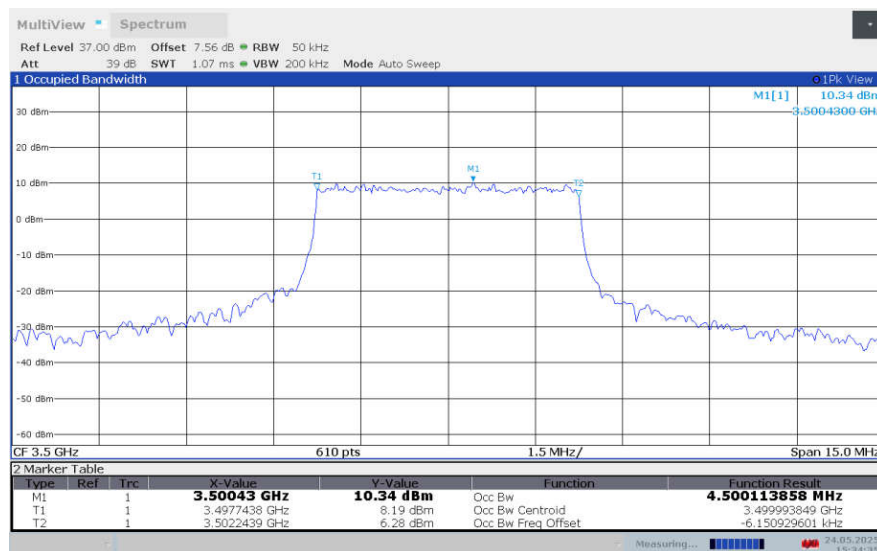

LTE band 41 , 20MHz Bandwidth,HIGH,64QAM (99% BW)

LTE band 41 , 20MHz Bandwidth,HIGH,256QAM (99% BW)

LTE band 42_Part27,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
3452.5	4.509	4.488	4.500	4.509
3500	4.492	4.494	4.492	4.500
3547.5	4.492	4.490	4.496	4.487

LTE band 42 , 5MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 42 , 5MHz Bandwidth,LOW,16QAM (99% BW)

LTE band 42 , 5MHz Bandwidth,LOW,64QAM (99% BW)

LTE band 42 , 5MHz Bandwidth,LOW,256QAM (99% BW)

LTE band 42 , 5MHz Bandwidth,MID,QPSK (99% BW)

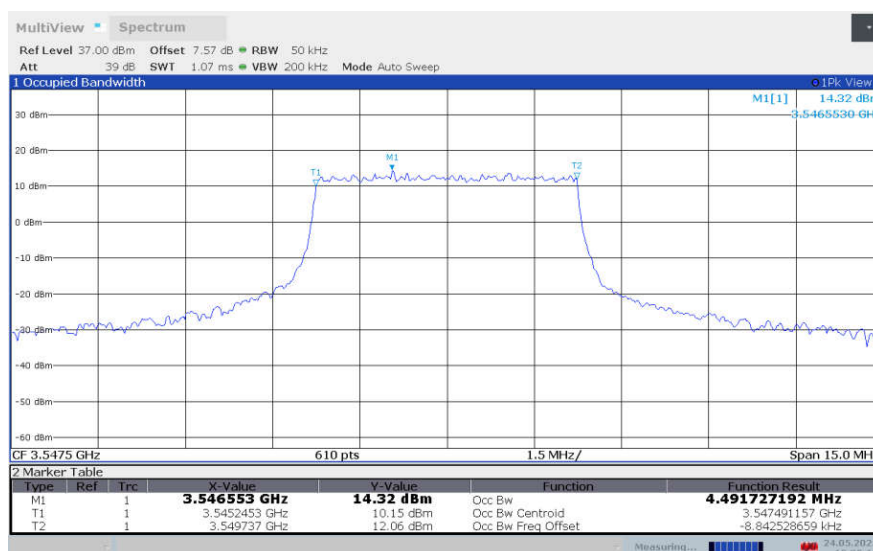**LTE band 42 , 5MHz Bandwidth,MID,16QAM (99% BW)**

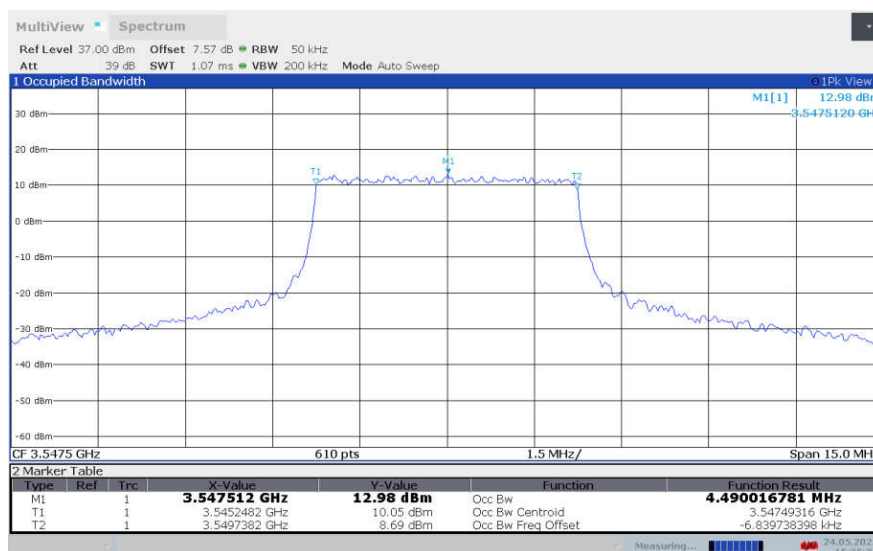**LTE band 42 , 5MHz Bandwidth,MID,64QAM (99% BW)**
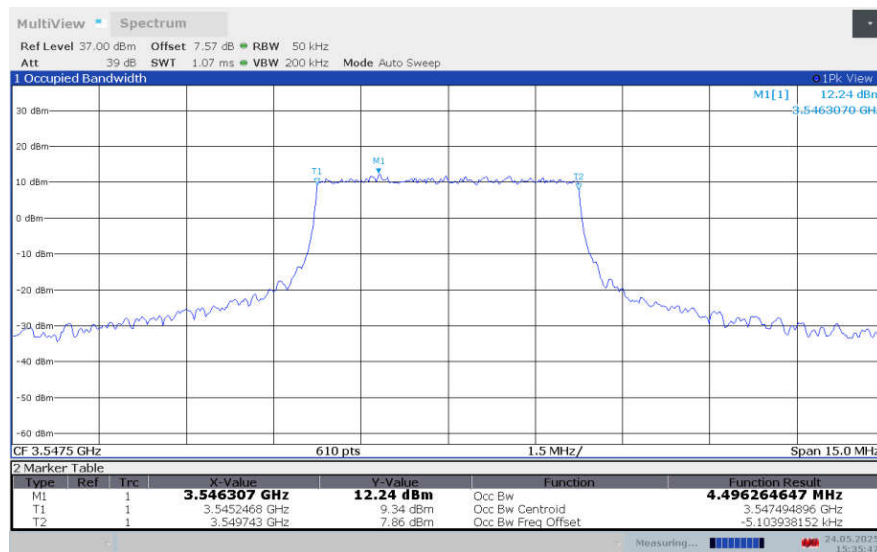
LTE band 42 , 5MHz Bandwidth,MID,256QAM (99% BW)

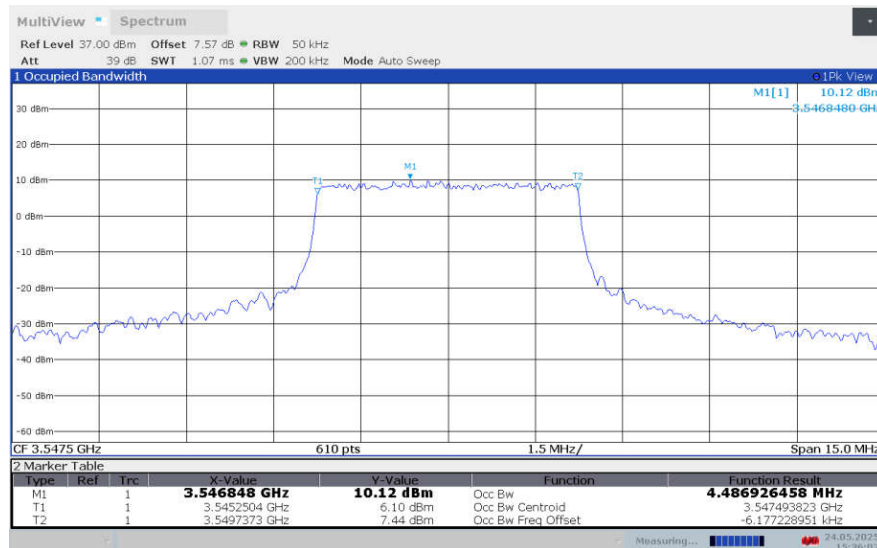
LTE band 42 , 5MHz Bandwidth,HIGH,QPSK (99% BW)

LTE band 42 , 5MHz Bandwidth,HIGH,16QAM (99% BW)

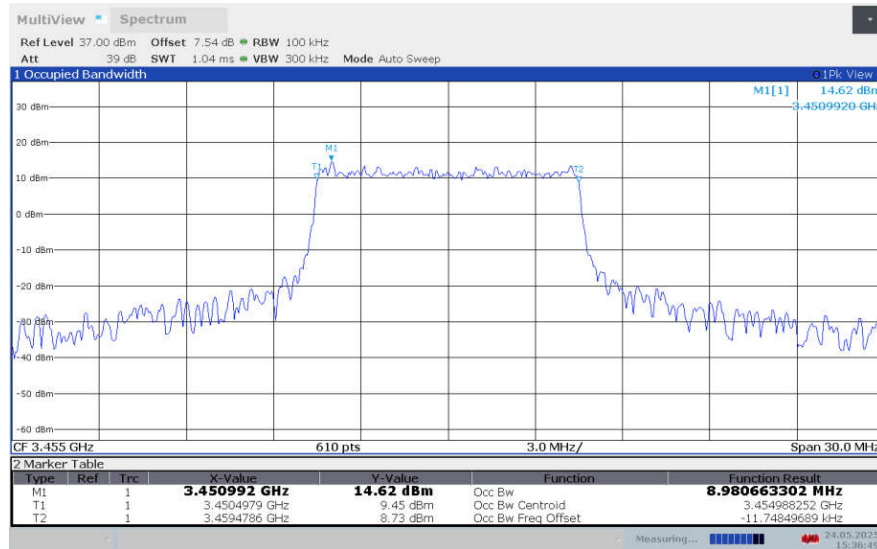**LTE band 42 , 5MHz Bandwidth,HIGH,64QAM (99% BW)**

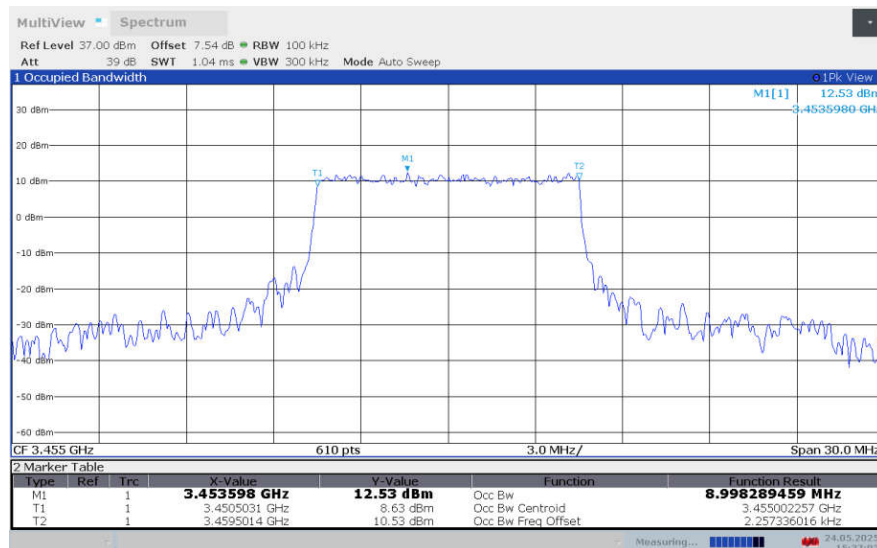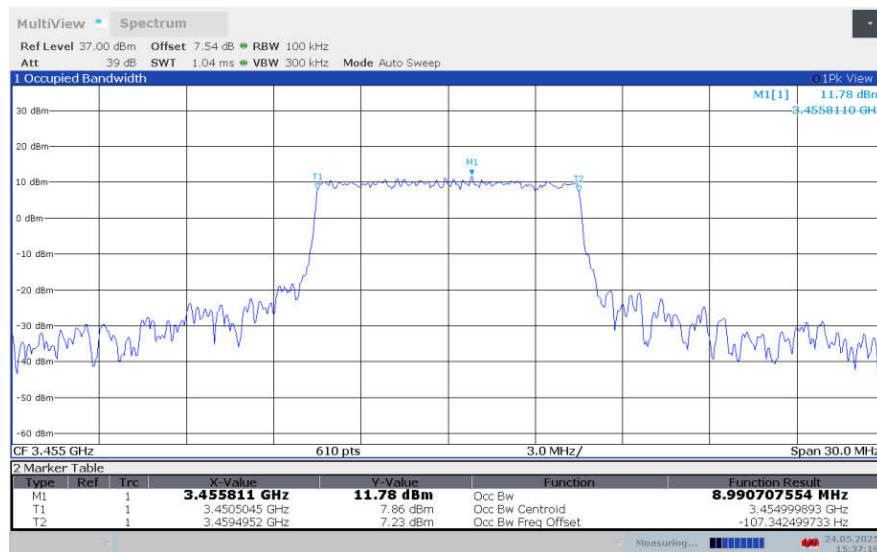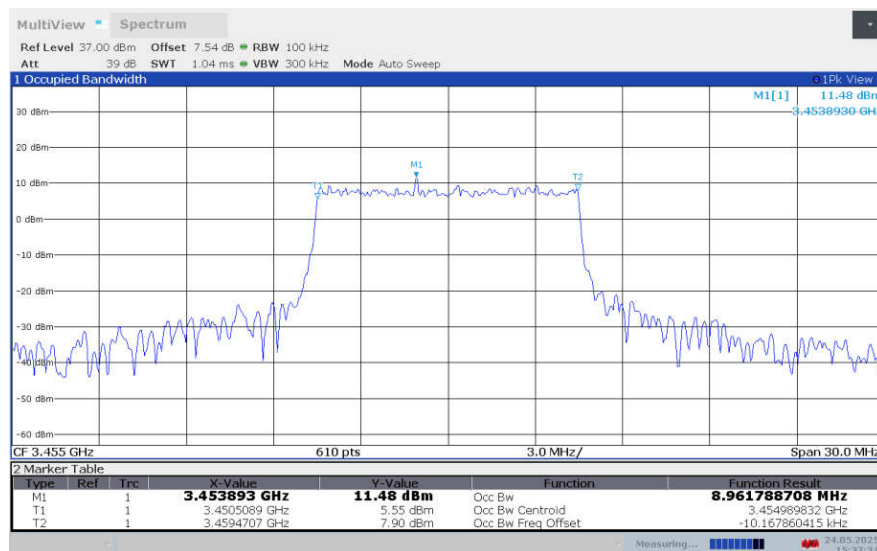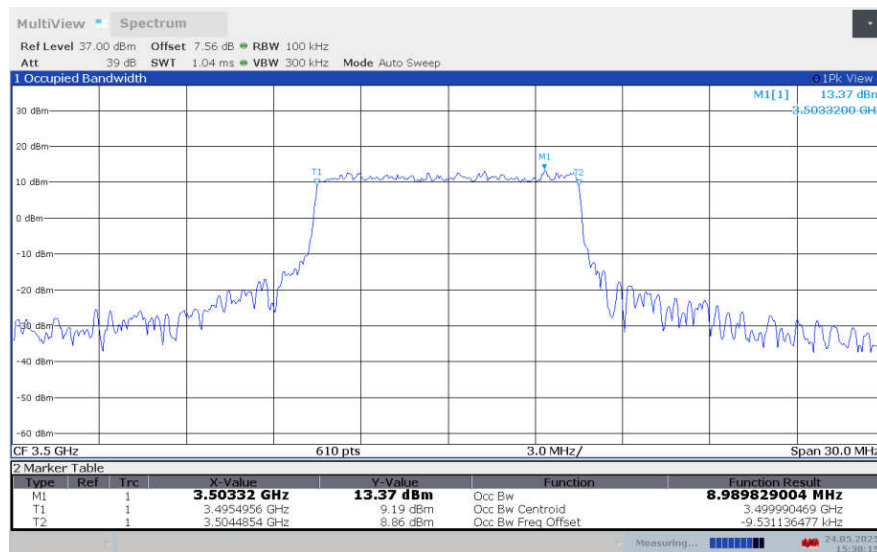**LTE band 42 , 5MHz Bandwidth,HIGH,256QAM (99% BW)**

LTE band 42_Part27,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
3455	8.981	8.998	8.991	8.962
3500	8.990	8.981	8.987	8.966
3545	8.975	8.980	8.990	8.965

LTE band 42 , 10MHz Bandwidth,LOW,QPSK (99% BW)

LTE band 42 , 10MHz Bandwidth,LOW,16QAM (99% BW)
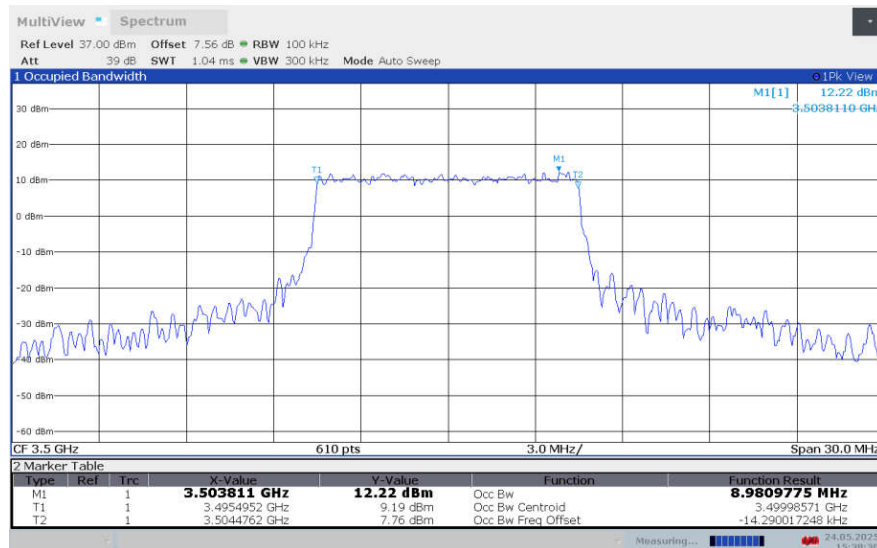

LTE band 42 , 10MHz Bandwidth,LOW,64QAM (99% BW)

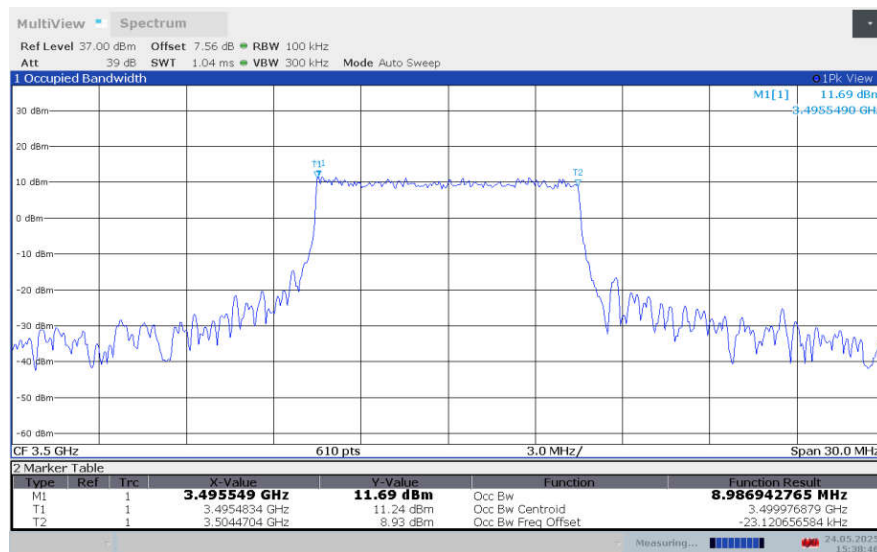**LTE band 42 , 10MHz Bandwidth,LOW,256QAM (99% BW)**

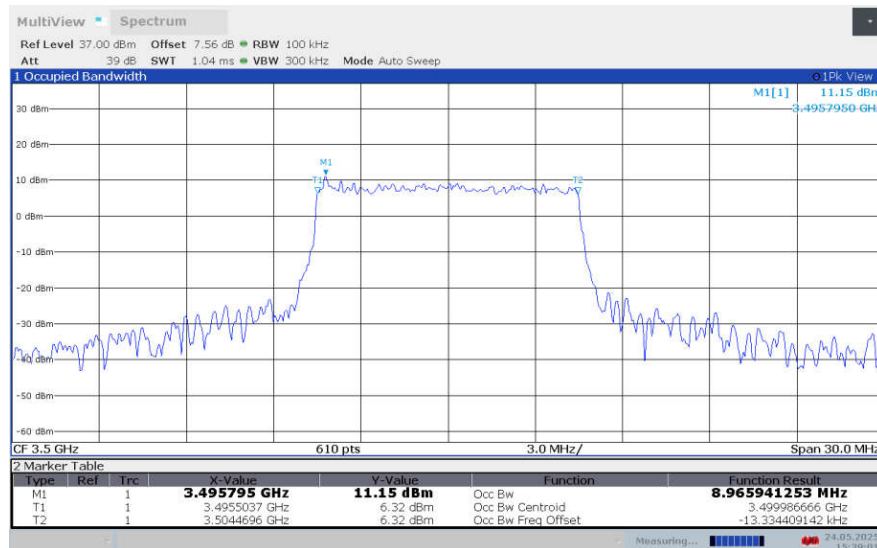**LTE band 42 , 10MHz Bandwidth,MID,QPSK (99% BW)**

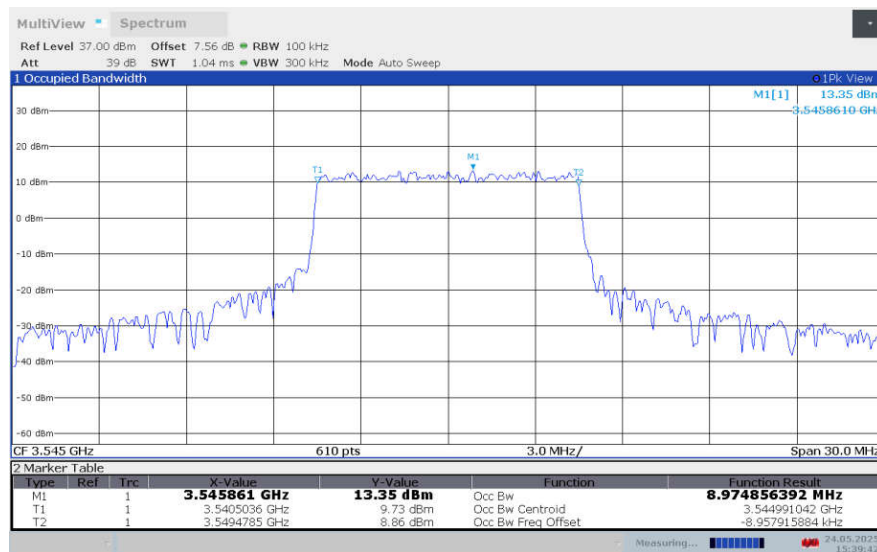**LTE band 42 , 10MHz Bandwidth,MID,16QAM (99% BW)**

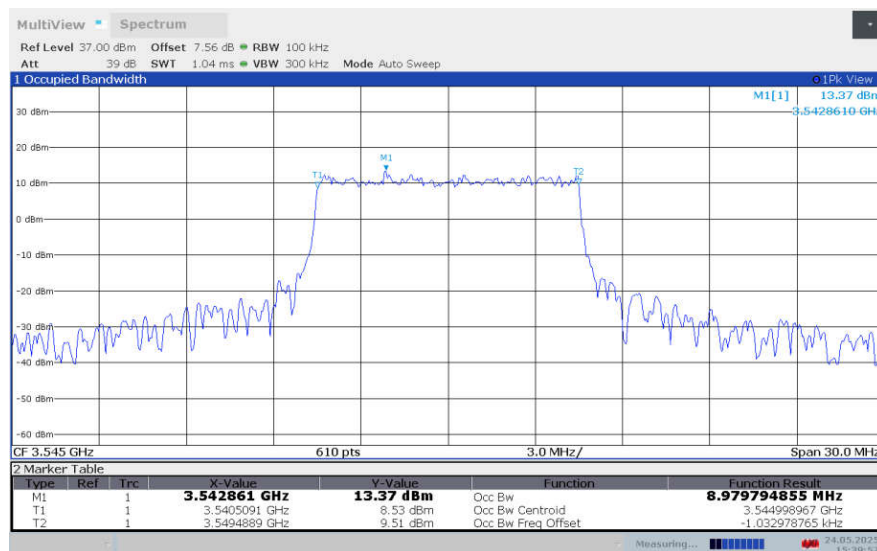**LTE band 42 , 10MHz Bandwidth,MID,64QAM (99% BW)**

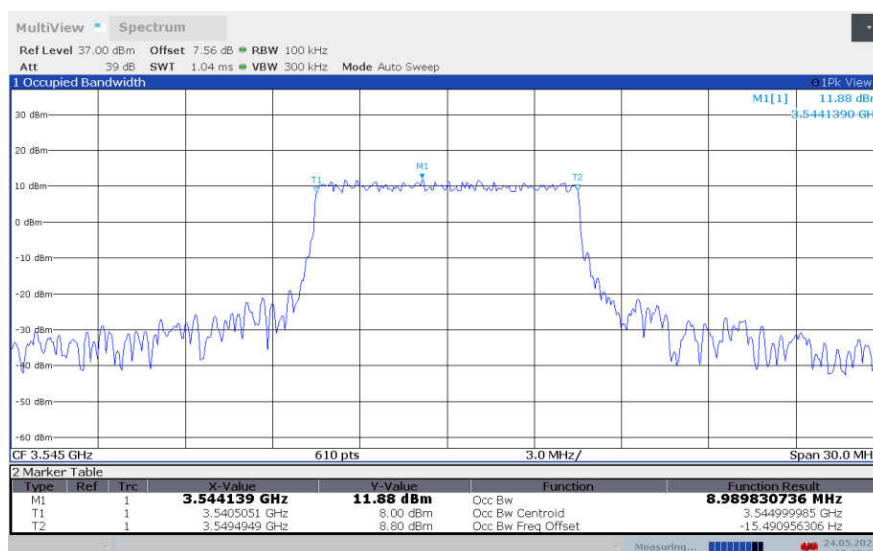**LTE band 42 , 10MHz Bandwidth,MID,256QAM (99% BW)**

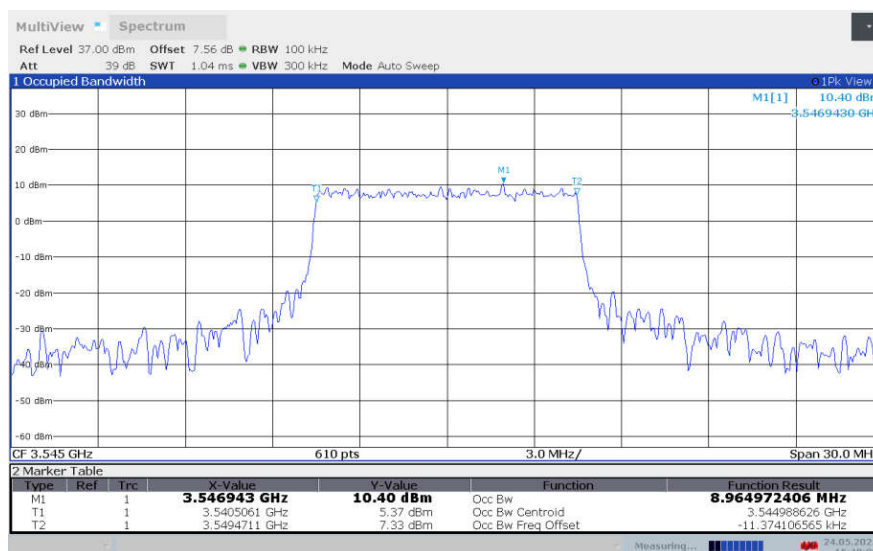**LTE band 42 , 10MHz Bandwidth,HIGH,QPSK (99% BW)**

LTE band 42 , 10MHz Bandwidth,HIGH,16QAM (99% BW)

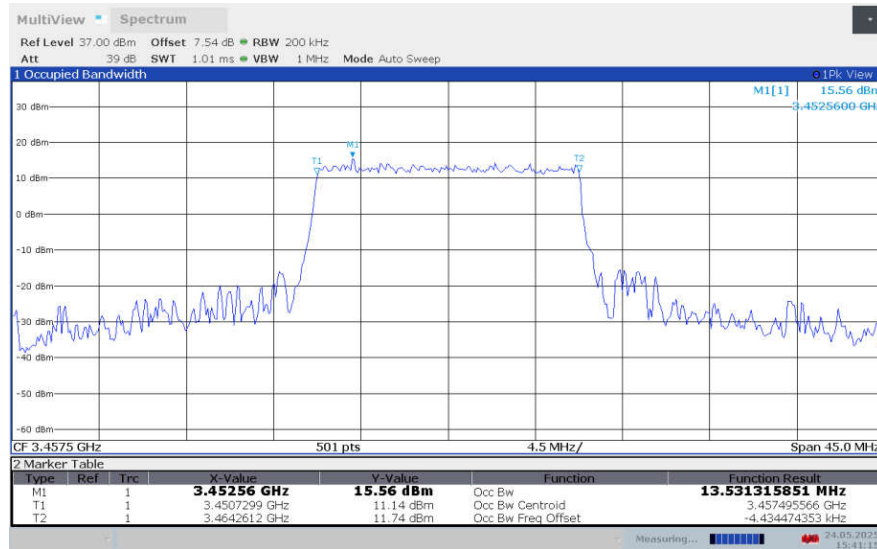**LTE band 42 , 10MHz Bandwidth,HIGH,64QAM (99% BW)**
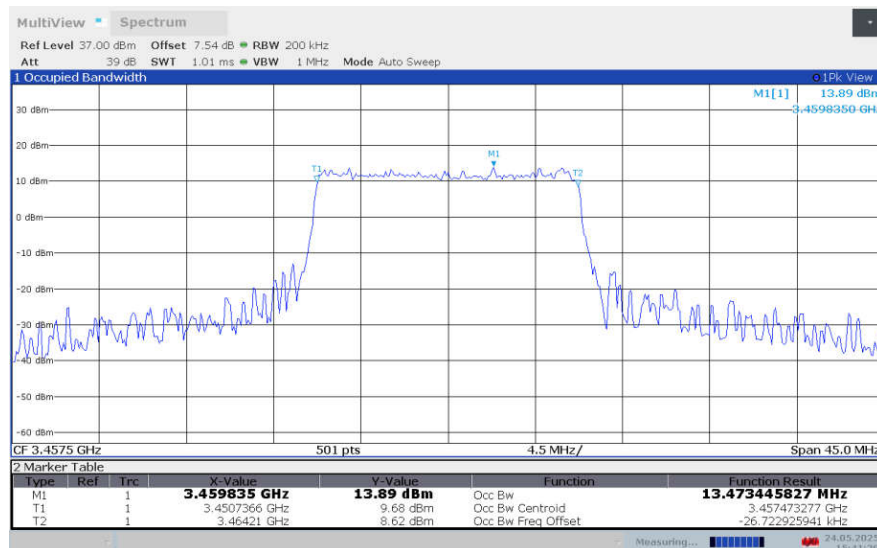
LTE band 42 , 10MHz Bandwidth,HIGH,256QAM (99% BW)

LTE band 42_Part27,15MHz(99%)

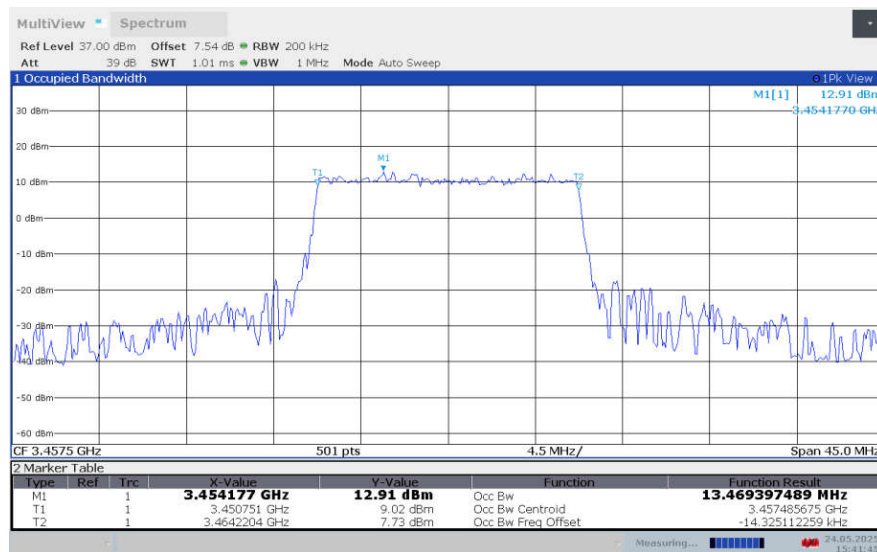| Frequency (MHz)	Occupied Bandwidth (99%)(MHz)			
	QPSK	16QAM	64QAM	256QAM
3457.5	13.531	13.473	13.469	13.471
3500	13.471	13.482	13.455	13.473
3542.5	13.491	13.497	13.486	13.451

LTE band 42 , 15MHz Bandwidth,LOW,QPSK (99% BW)
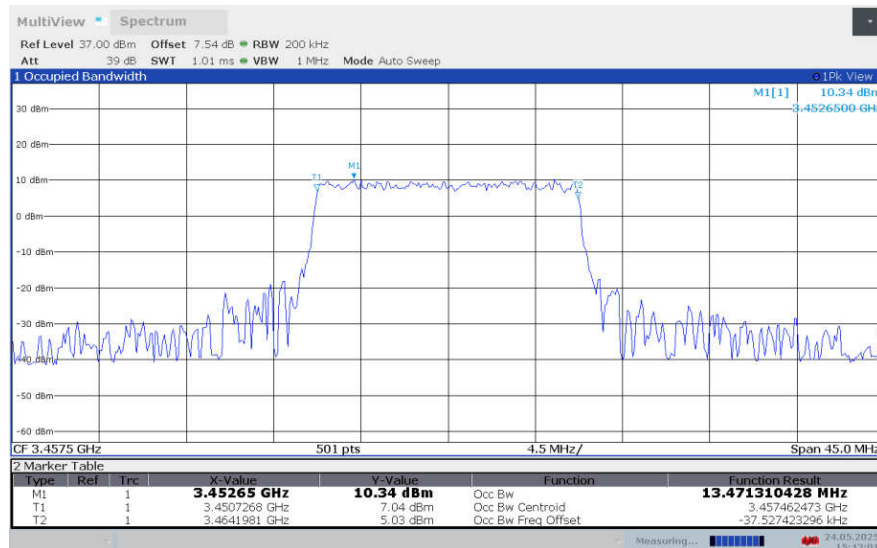

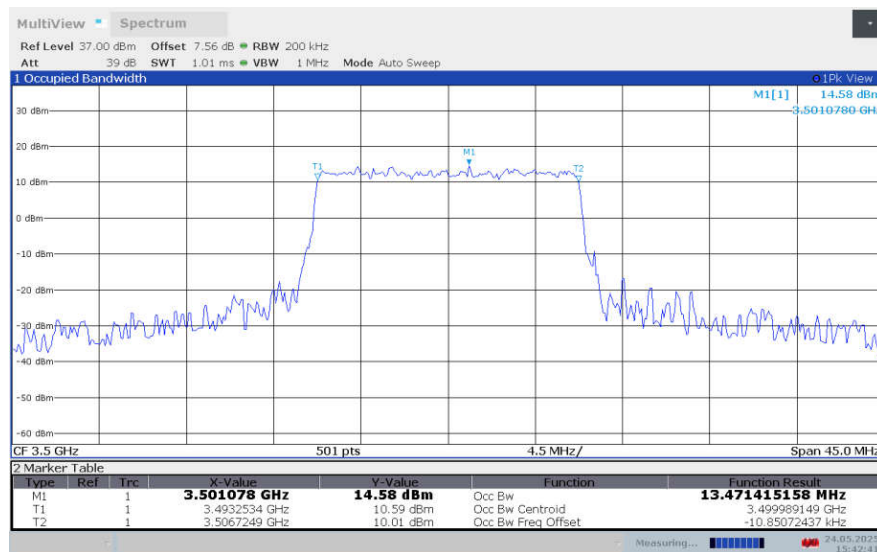**LTE band 42 , 15MHz Bandwidth,LOW,16QAM (99% BW)**

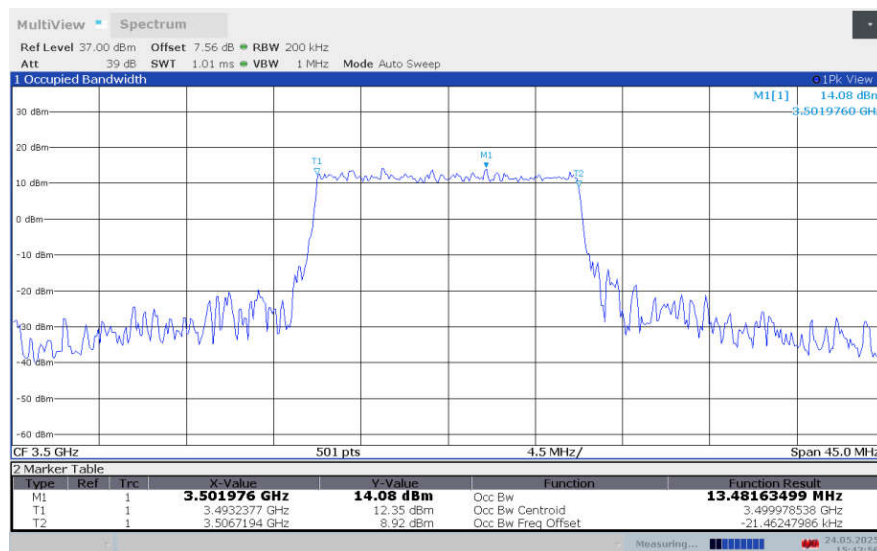**LTE band 42 , 15MHz Bandwidth,LOW,64QAM (99% BW)**

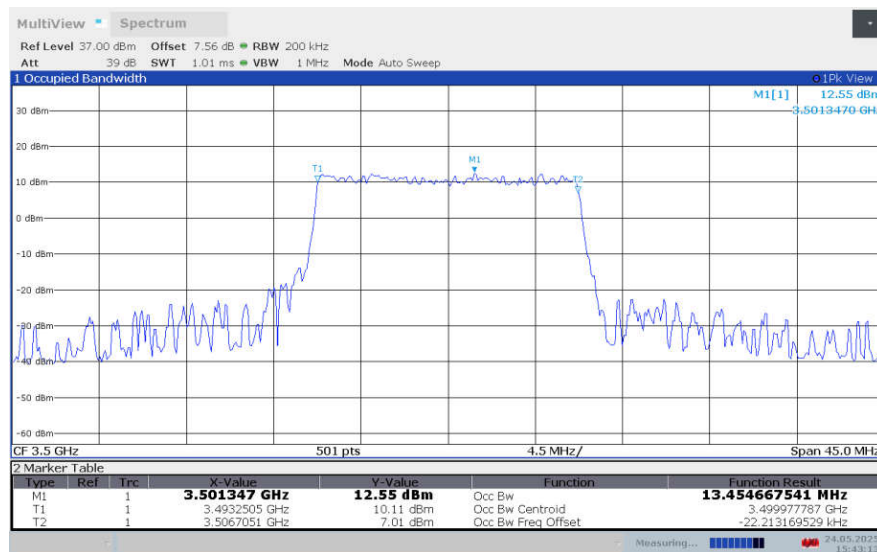**LTE band 42 , 15MHz Bandwidth,LOW,256QAM (99% BW)**
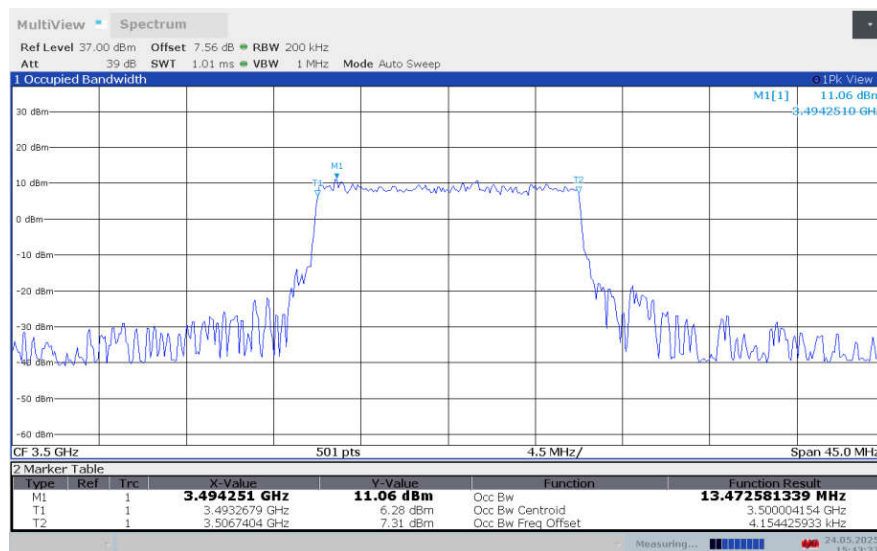

LTE band 42 , 15MHz Bandwidth,MID,QPSK (99% BW)

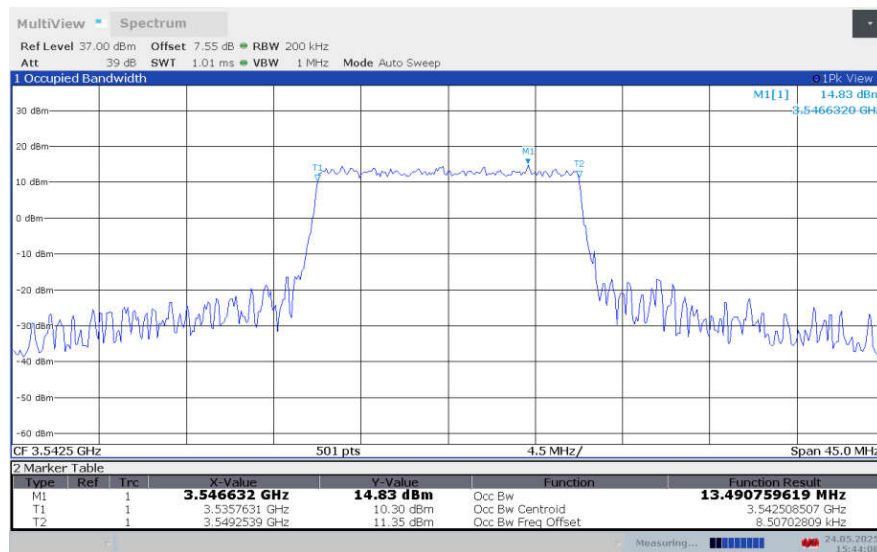**LTE band 42 , 15MHz Bandwidth,MID,16QAM (99% BW)**

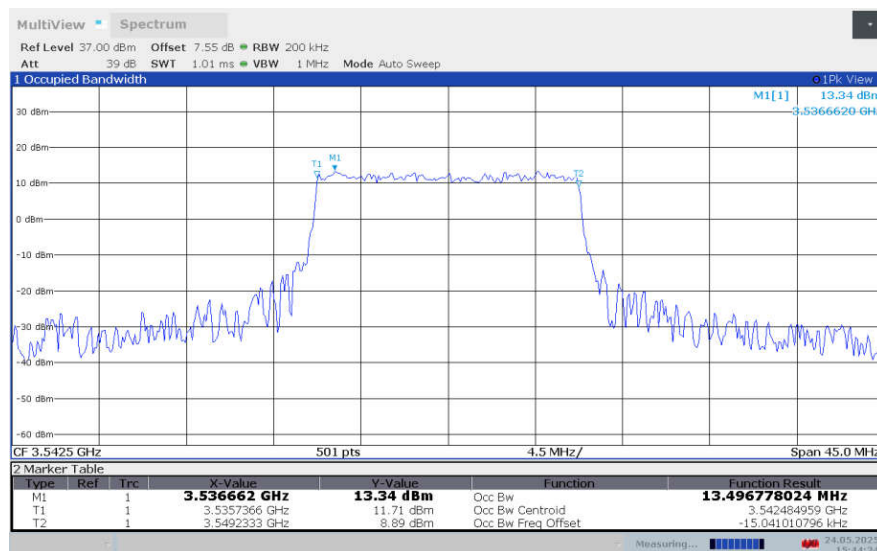**LTE band 42 , 15MHz Bandwidth,MID,64QAM (99% BW)**

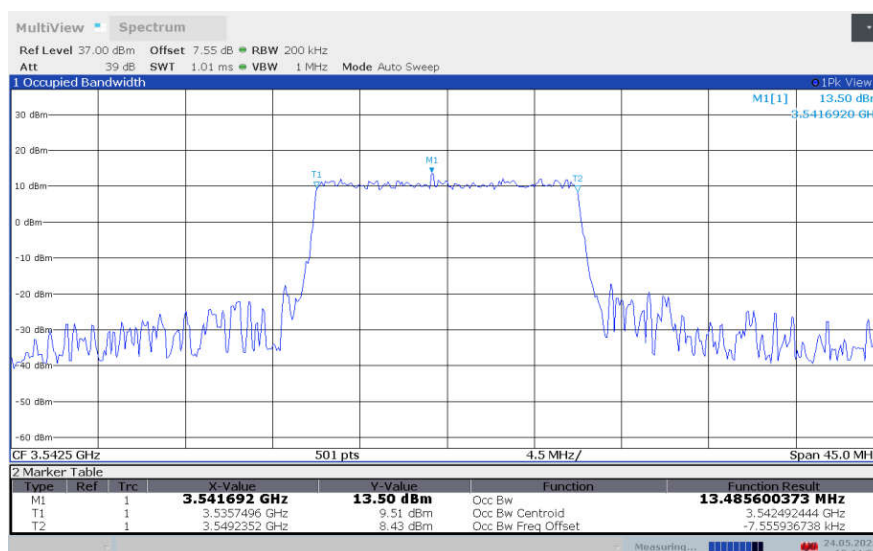**LTE band 42 , 15MHz Bandwidth,MID,256QAM (99% BW)**

LTE band 42 , 15MHz Bandwidth,HIGH,QPSK (99% BW)

LTE band 42 , 15MHz Bandwidth,HIGH,16QAM (99% BW)

LTE band 42 , 15MHz Bandwidth,HIGH,64QAM (99% BW)

LTE band 42 , 15MHz Bandwidth,HIGH,256QAM (99% BW)