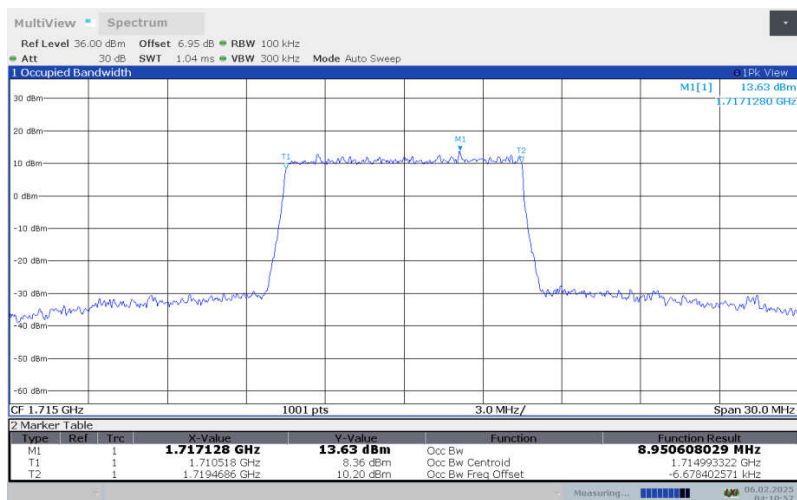
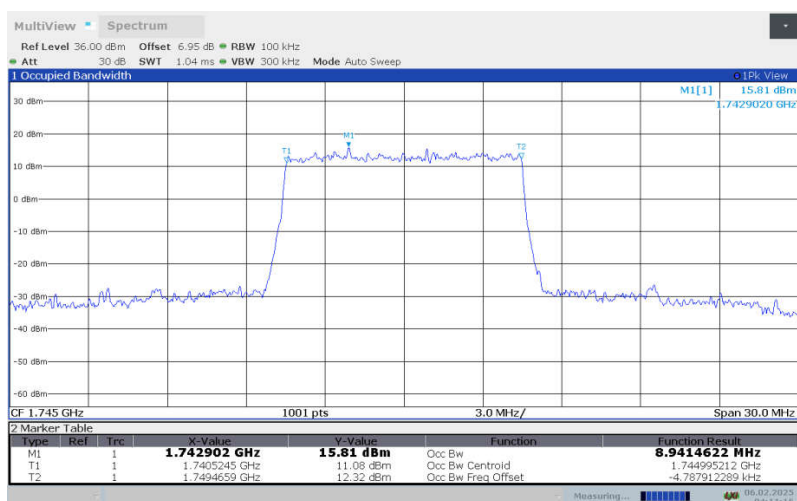




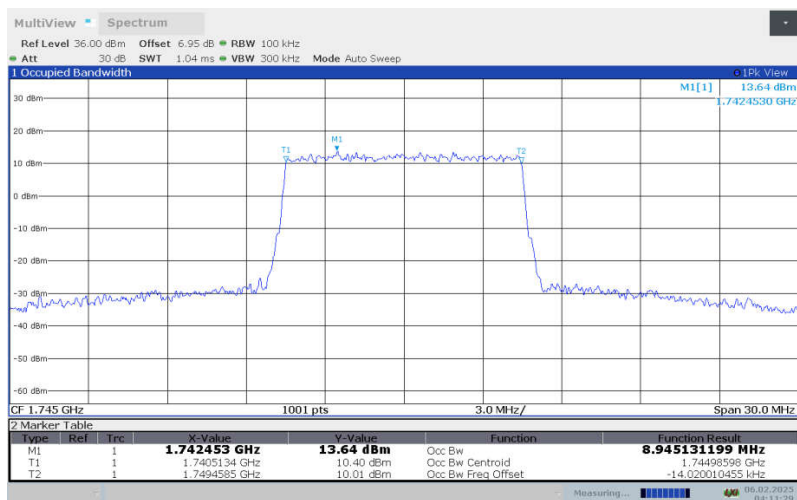
LTE Band 66 , 10MHz Bandwidth,MID,QPSK (99% OBW)



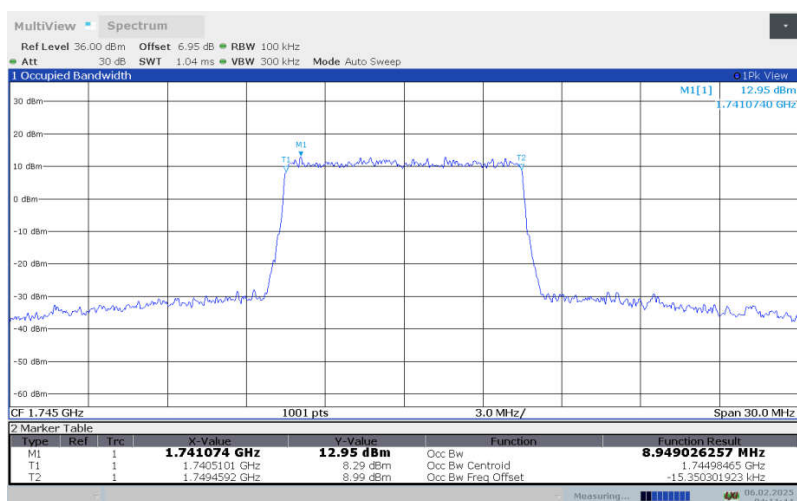
LTE Band 66 , 10MHz Bandwidth,MID,16QAM (99% OBW)



No.25T04N000127-003-RF LTE



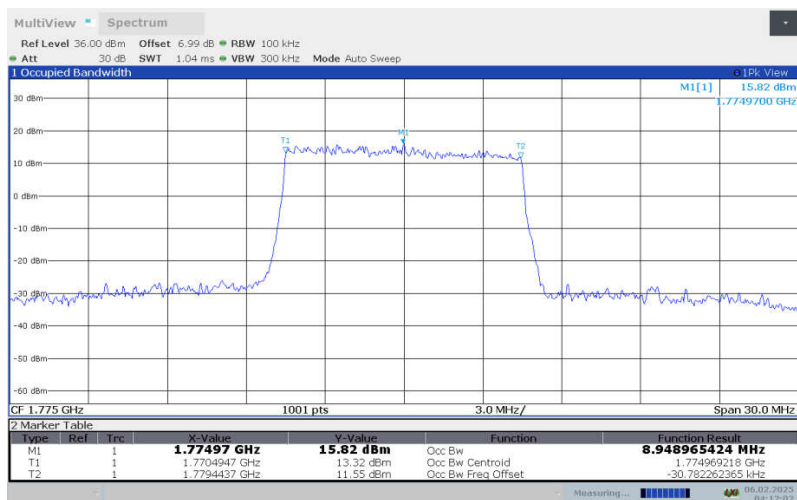
LTE Band 66 , 10MHz Bandwidth,MID,64QAM (99% OBW)



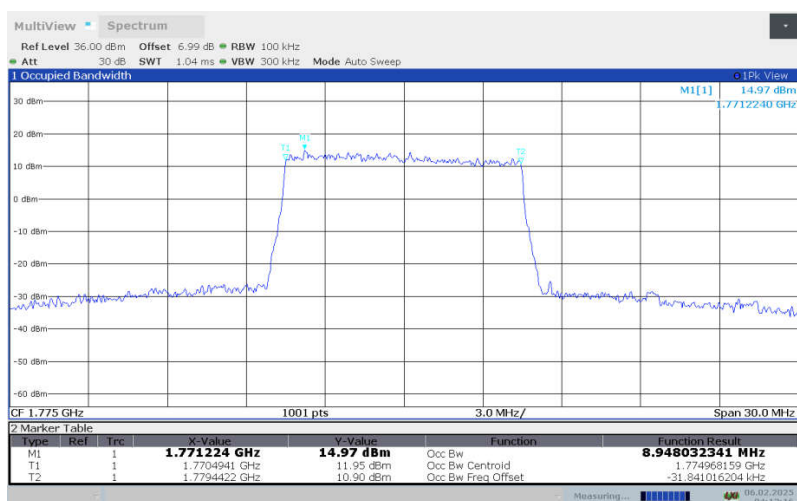
LTE Band 66 , 10MHz Bandwidth,HIGH,QPSK (99% OBW)



No.25T04N000127-003-RF LTE



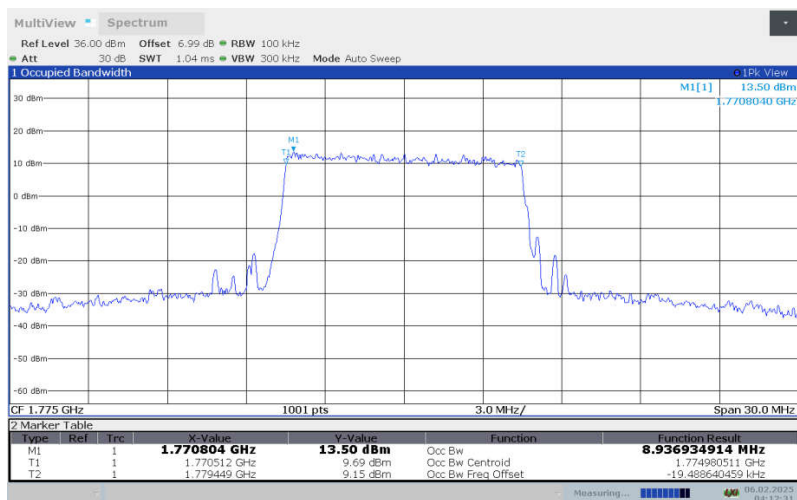
LTE Band 66 , 10MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 66 , 10MHz Bandwidth,HIGH,64QAM (99% OBW)

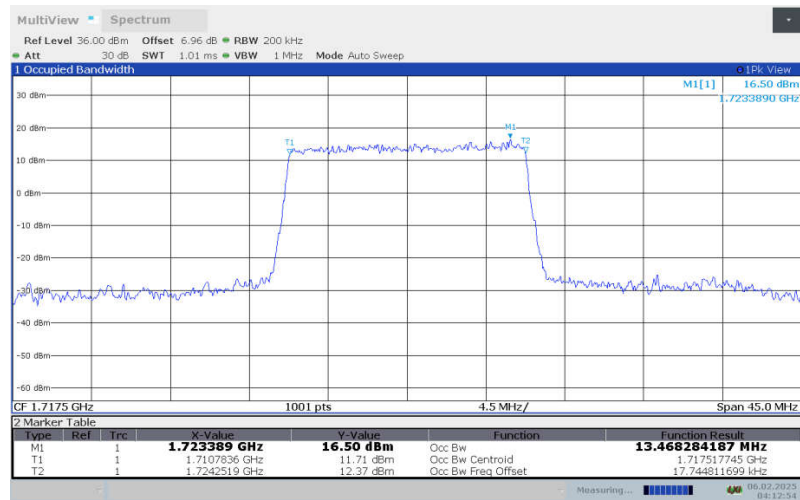
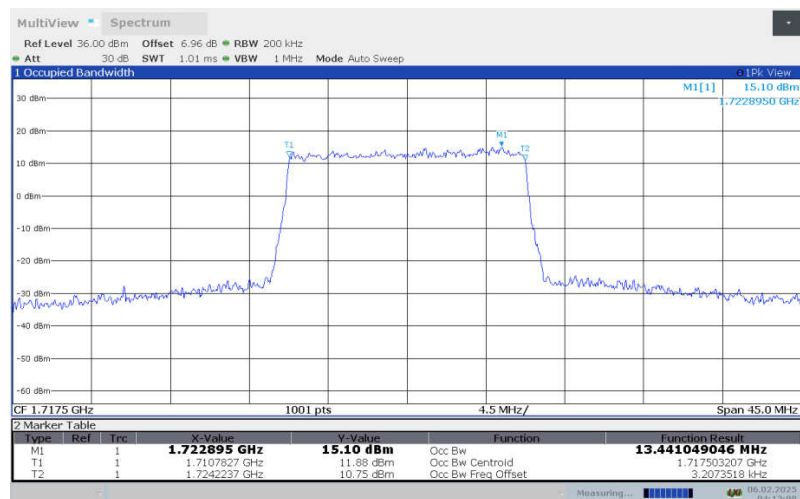


No.25T04N000127-003-RF LTE



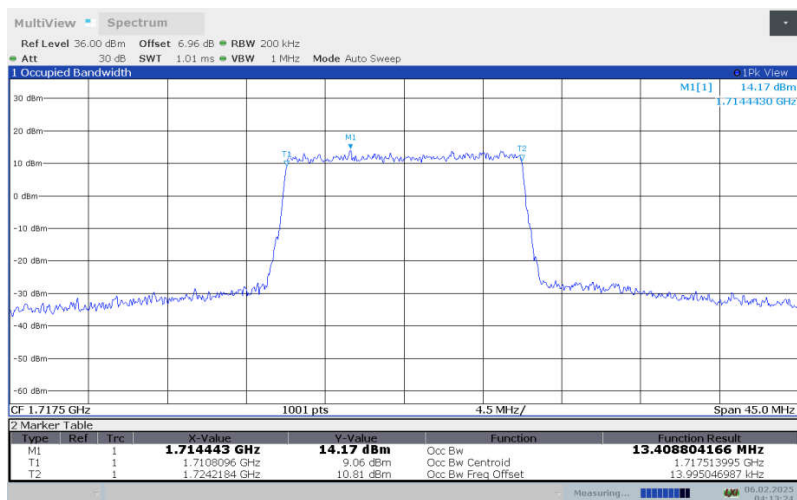
**LTE Band 66,15MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1717.5	13.468	13.441	13.409
1745	13.414	13.436	13.446
1772.5	13.422	13.431	13.468

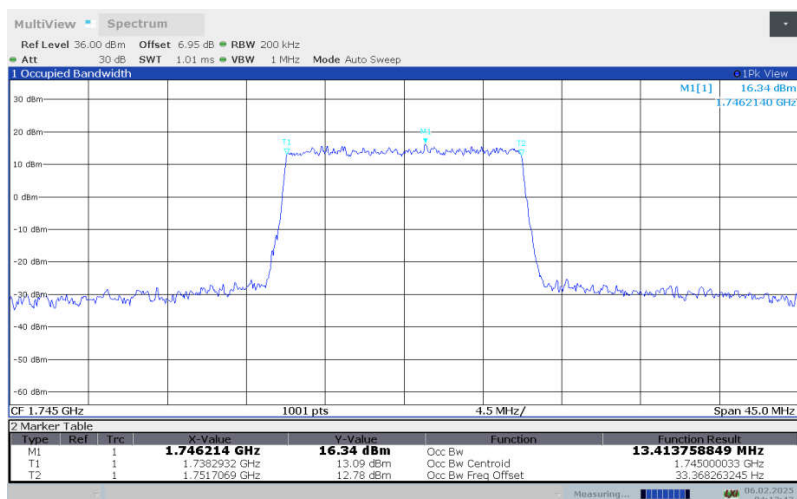
LTE Band 66 , 15MHz Bandwidth,LOW,QPSK (99% OBW)**LTE Band 66 , 15MHz Bandwidth,LOW,16QAM (99% OBW)****LTE Band 66 , 15MHz Bandwidth,LOW,64QAM (99% OBW)**



No.25T04N000127-003-RF LTE



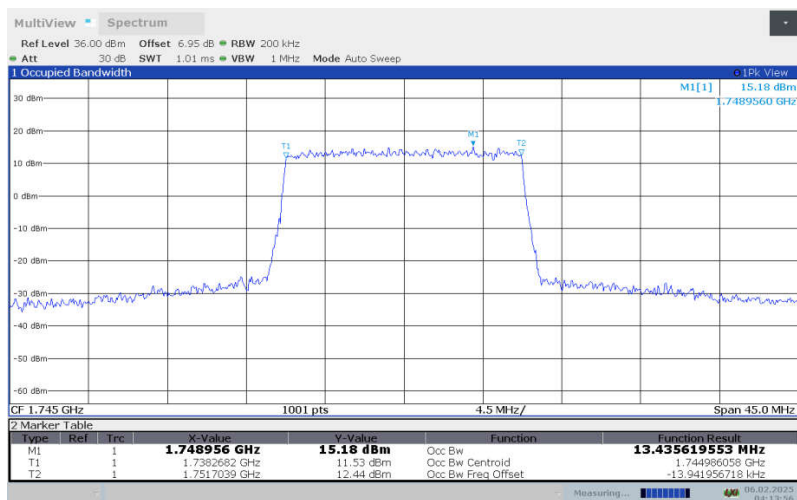
LTE Band 66 , 15MHz Bandwidth,MID,QPSK (99% OBW)



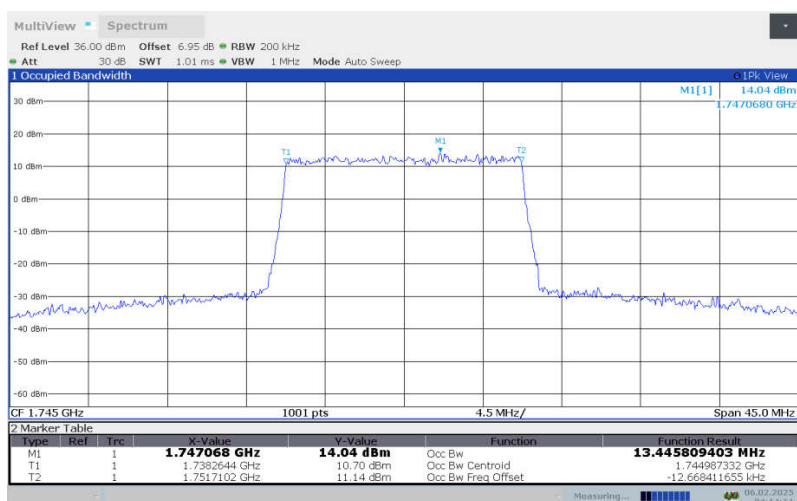
LTE Band 66 , 15MHz Bandwidth,MID,16QAM (99% OBW)



No.25T04N000127-003-RF LTE



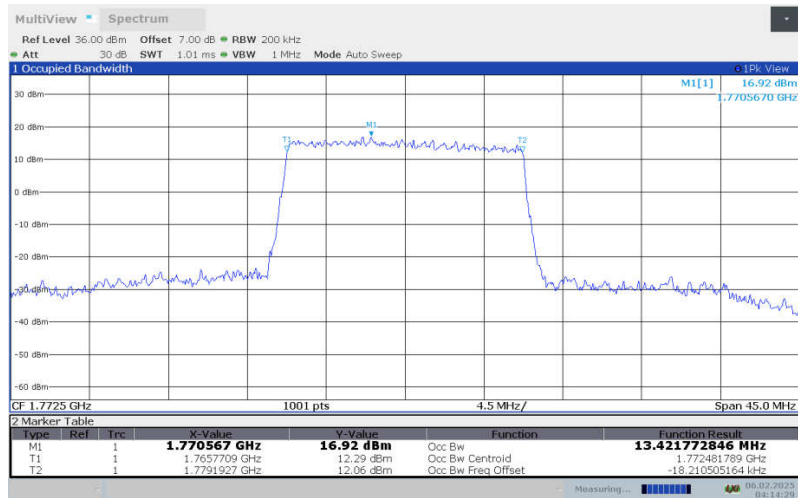
LTE Band 66 , 15MHz Bandwidth,MID,64QAM (99% OBW)



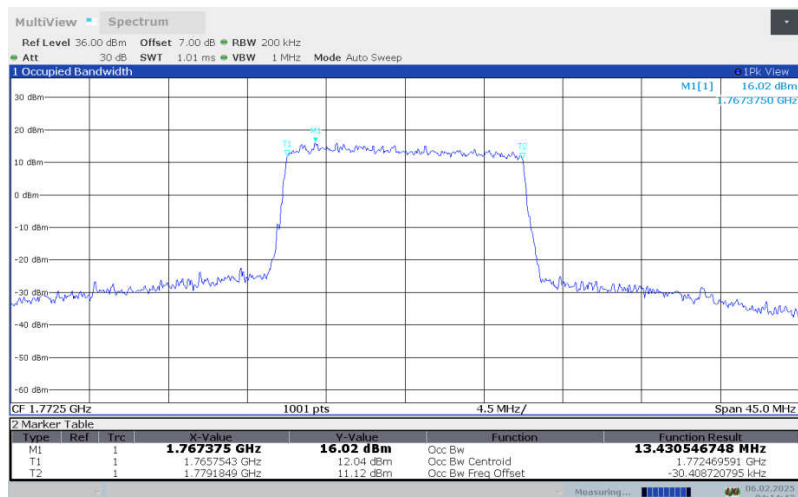
LTE Band 66 , 15MHz Bandwidth,HIGH,QPSK (99% OBW)



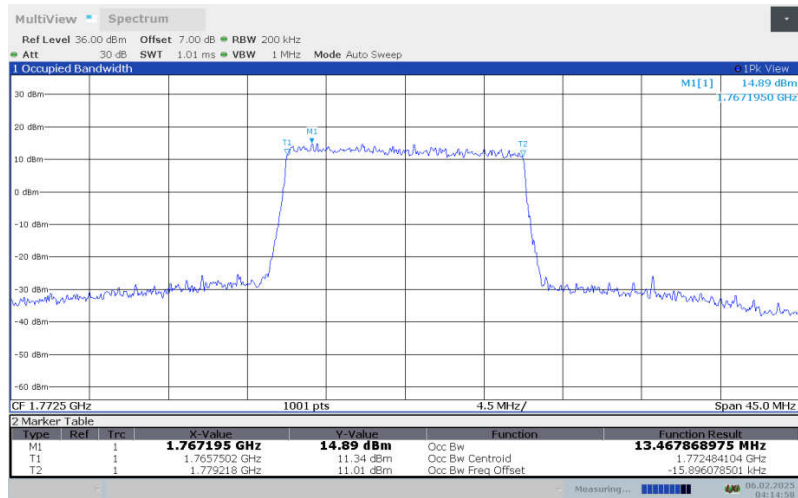
No.25T04N000127-003-RF LTE



LTE Band 66 , 15MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 66 , 15MHz Bandwidth,HIGH,64QAM (99% OBW)

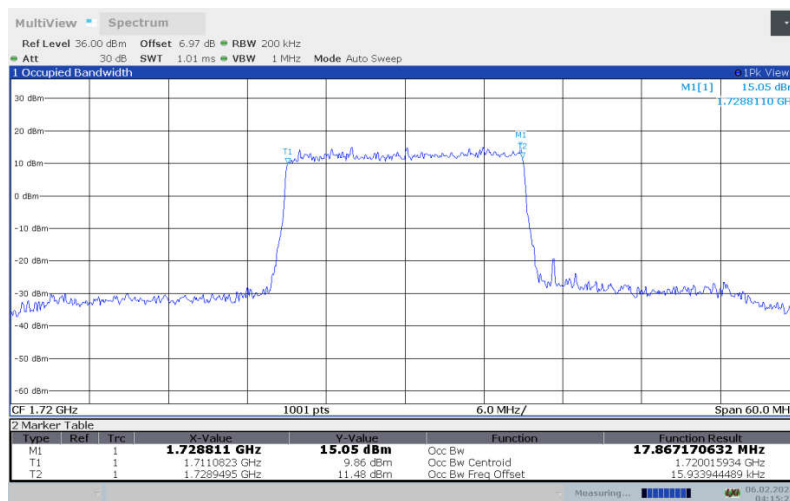




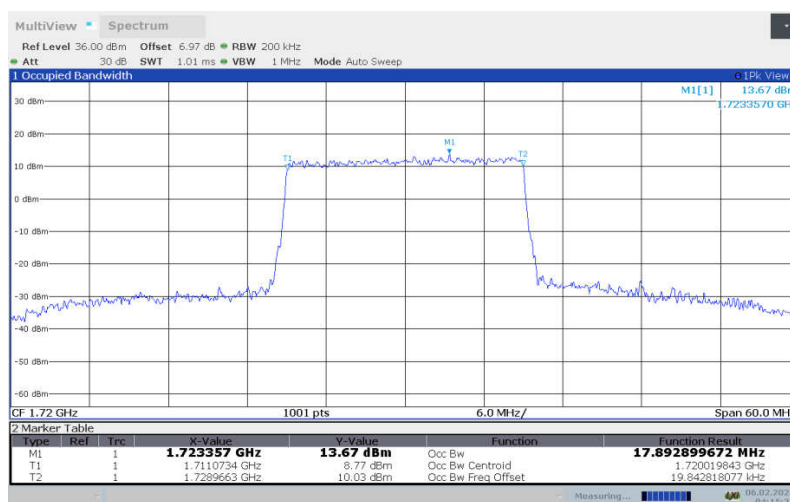
LTE Band 66,20MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1720	17.867	17.893	17.886
1745	17.858	17.892	17.878
1770	17.848	17.819	17.821

LTE Band 66 , 20MHz Bandwidth,LOW,QPSK (99% OBW)



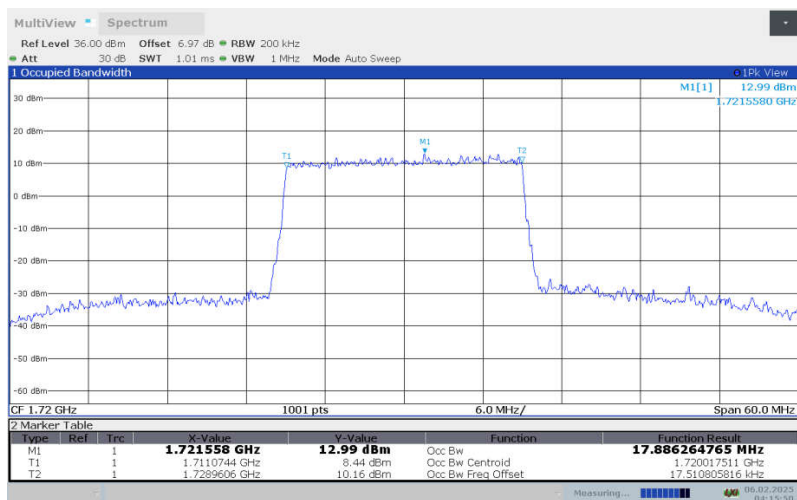
LTE Band 66 , 20MHz Bandwidth,LOW,16QAM (99% OBW)



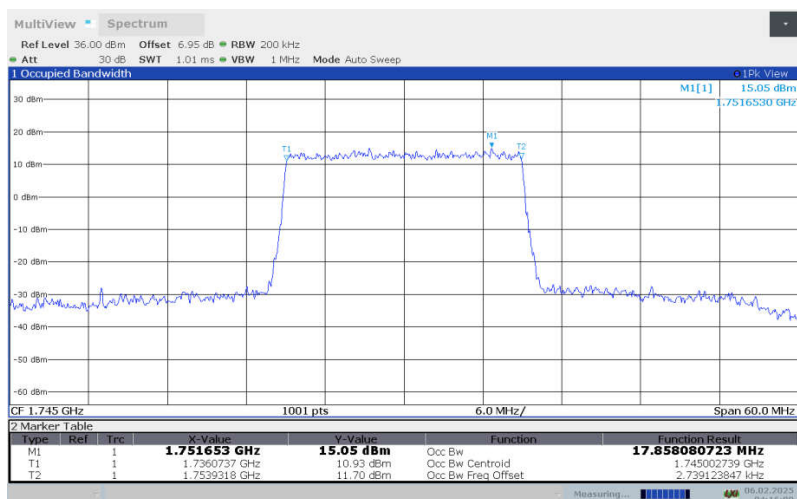
LTE Band 66 , 20MHz Bandwidth,LOW,64QAM (99% OBW)



No.25T04N000127-003-RF LTE



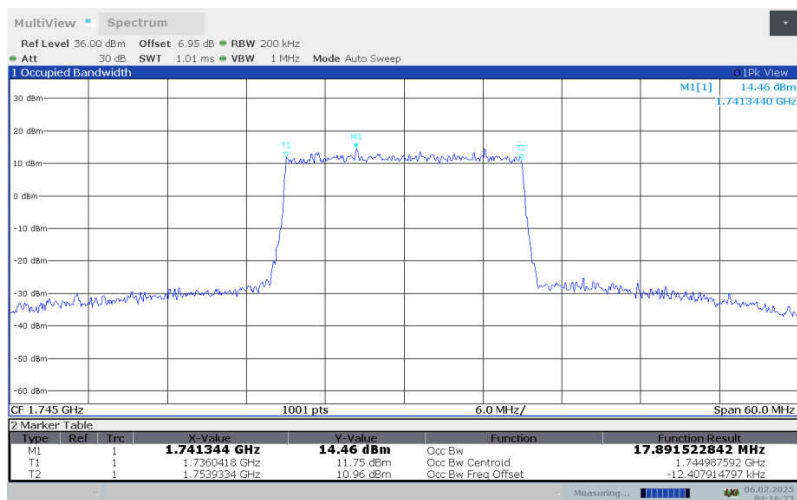
LTE Band 66 , 20MHz Bandwidth,MID,QPSK (99% OBW)



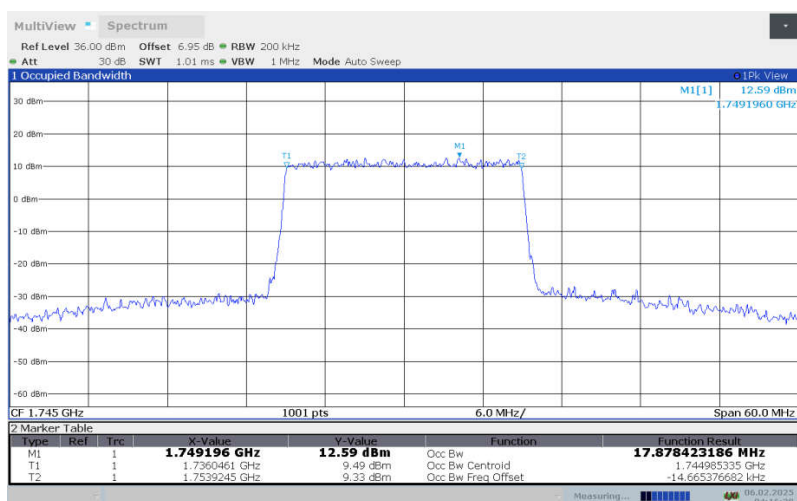
LTE Band 66 , 20MHz Bandwidth,MID,16QAM (99% OBW)



No.25T04N000127-003-RF LTE



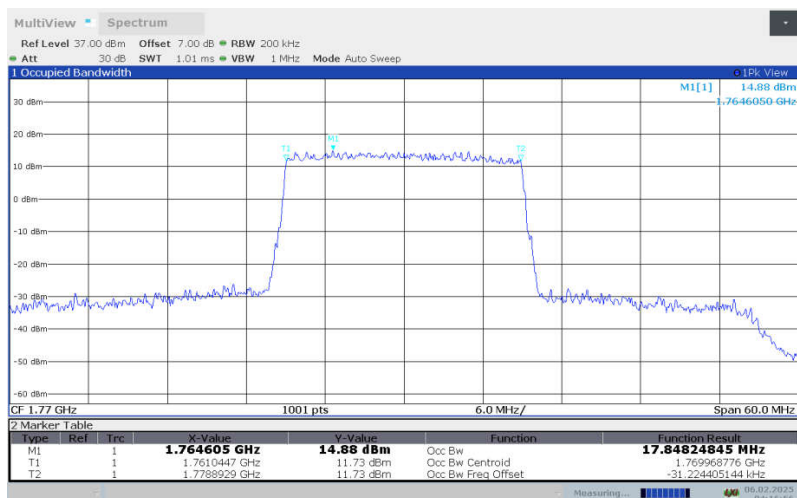
LTE Band 66 , 20MHz Bandwidth,MID,64QAM (99% OBW)



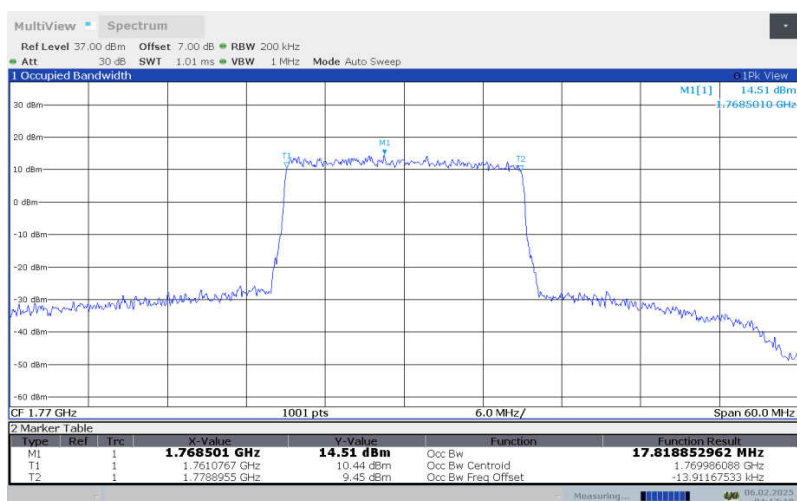
LTE Band 66 , 20MHz Bandwidth,HIGH,QPSK (99% OBW)



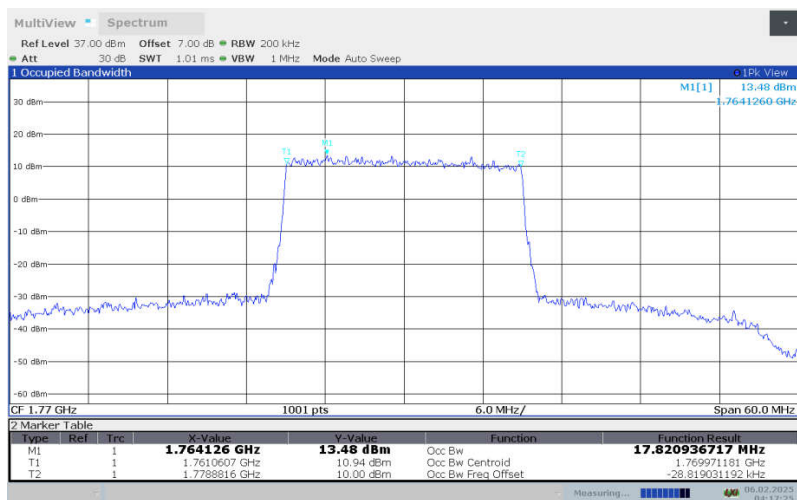
No.25T04N000127-003-RF LTE



LTE Band 66 , 20MHz Bandwidth,HIGH,16QAM (99% OBW)



LTE Band 66 , 20MHz Bandwidth,HIGH,64QAM (99% OBW)





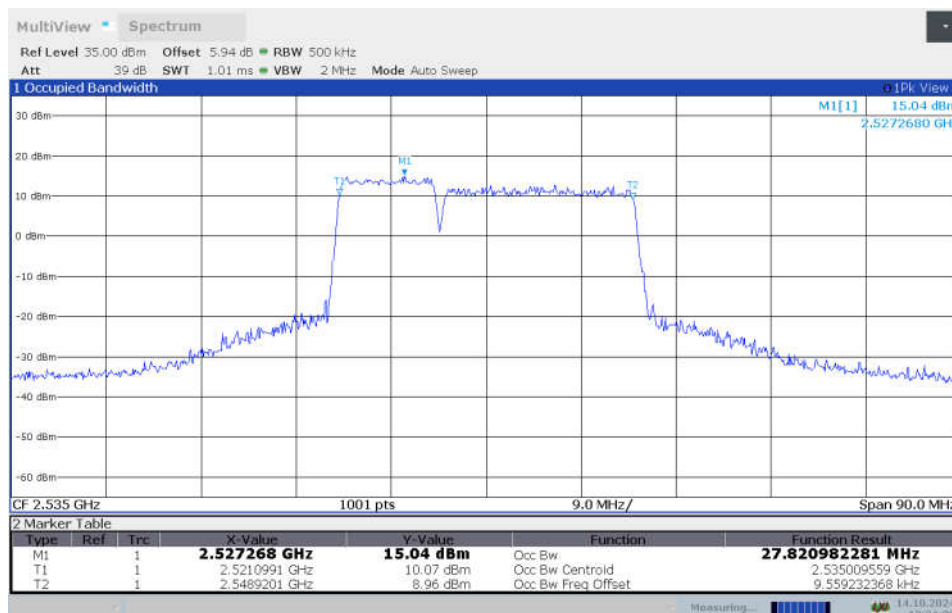
LTE CA_7C, 10MHz+20MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2535.0	27.794	27.821

LTE CA_7C , 10MHz+20MHz Bandwidth,QPSK (99% OBW)

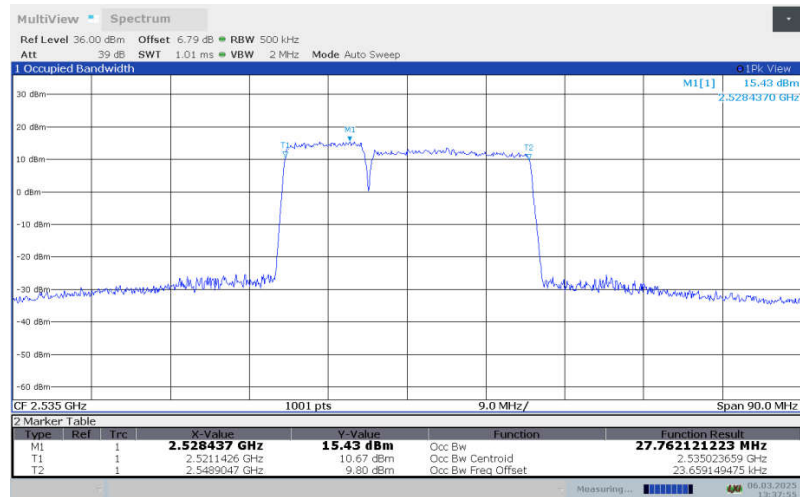
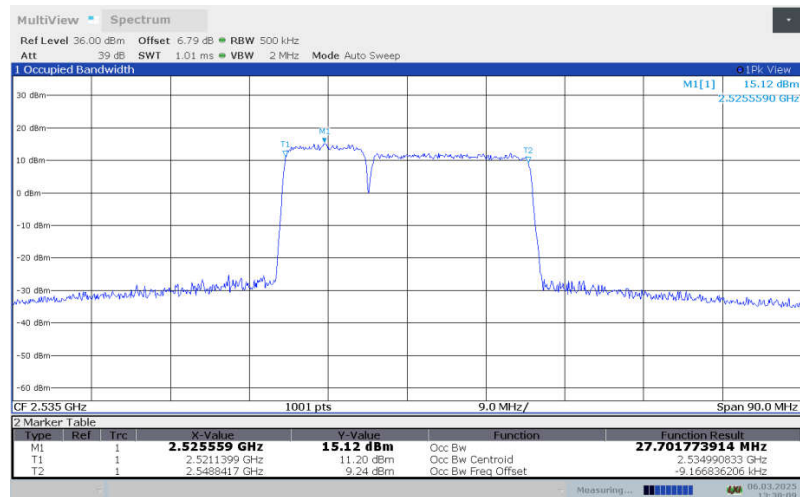


LTE CA_7C , 10MHz+20MHz Bandwidth,16QAM (99% OBW)



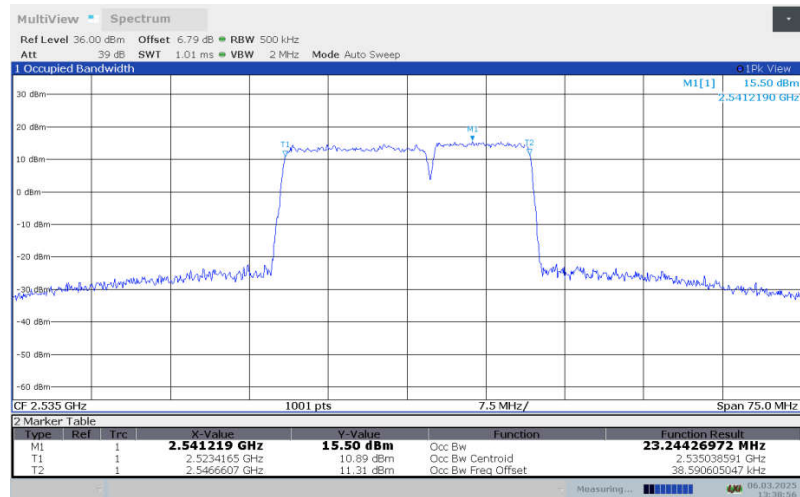
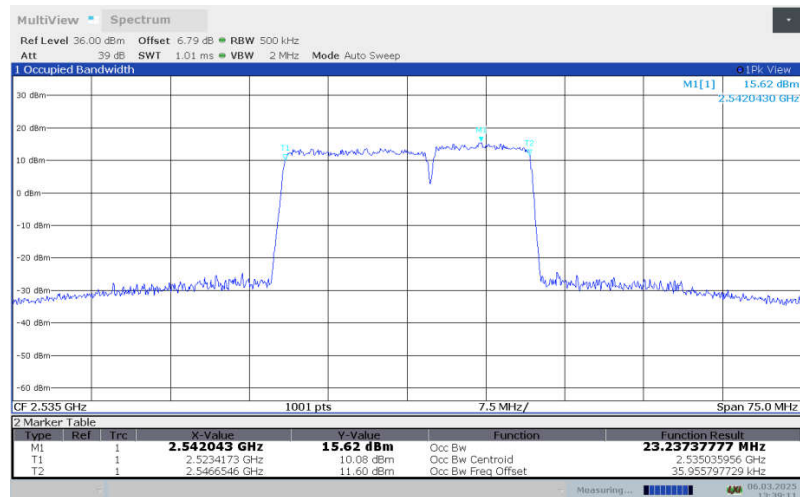
**LTE CA band 7C, 10MHz+20MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2535.0	27.762	27.702

LTE CA band 7C , 10MHz+20MHz Bandwidth,QPSK (99% OBW)**LTE CA band 7C , 10MHz+20MHz Bandwidth,16QAM (99% OBW)**

**LTE CA band 7C, 15MHz+10MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2535.0	23.244	23.237

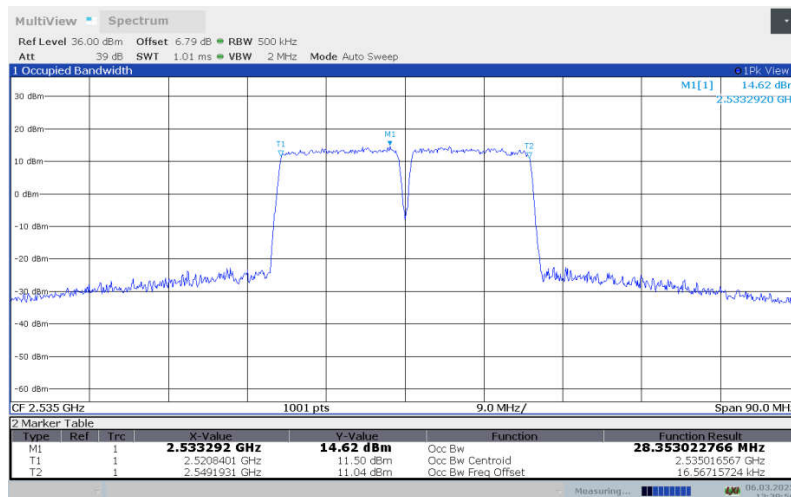
LTE CA band 7C , 15MHz+10MHz Bandwidth,QPSK (99% OBW)**LTE CA band 7C , 15MHz+10MHz Bandwidth,16QAM (99% OBW)**



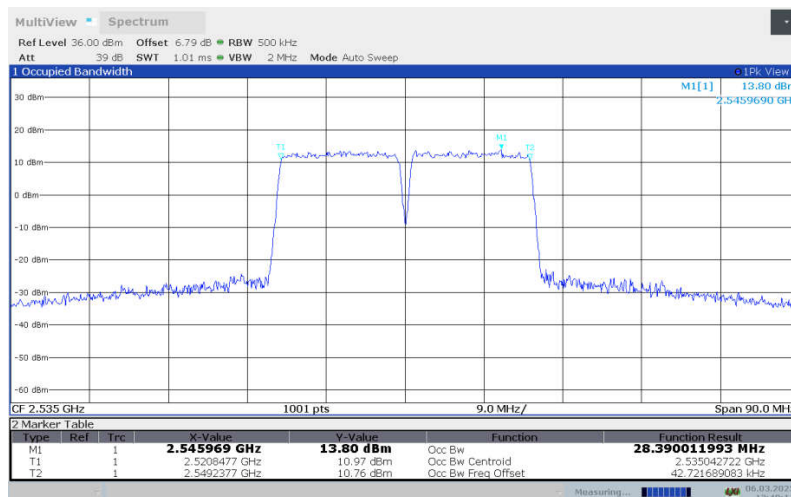
LTE CA band 7C, 15MHz+15MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2535.0	28.353	28.390

LTE CA band 7C , 15MHz+15MHz Bandwidth,QPSK (99% OBW)

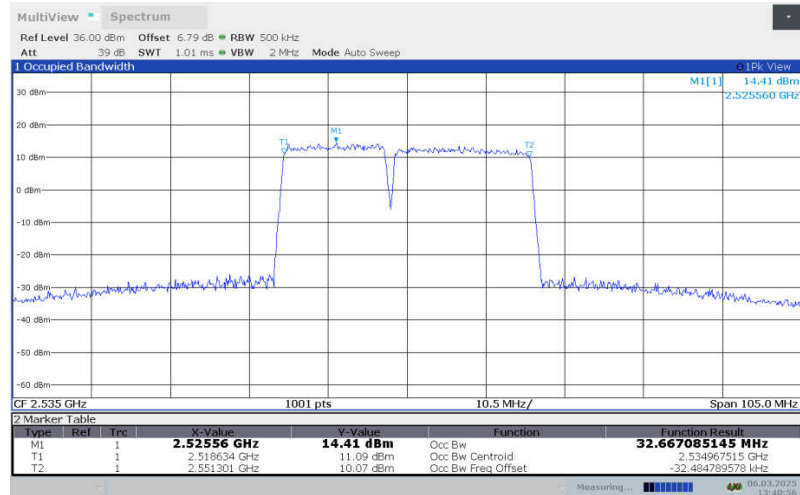
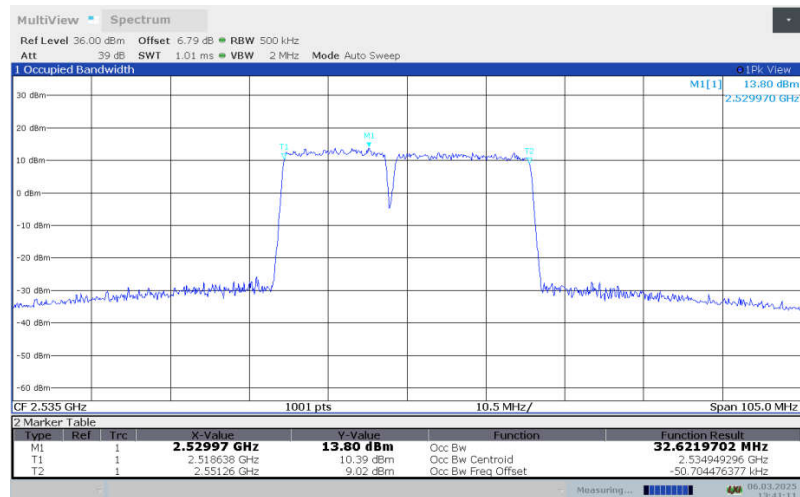


LTE CA band 7C , 15MHz+15MHz Bandwidth,16QAM (99% OBW)



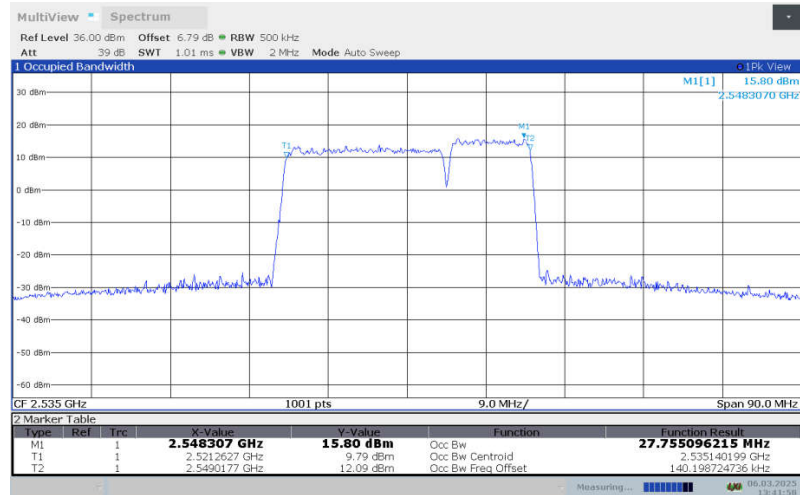
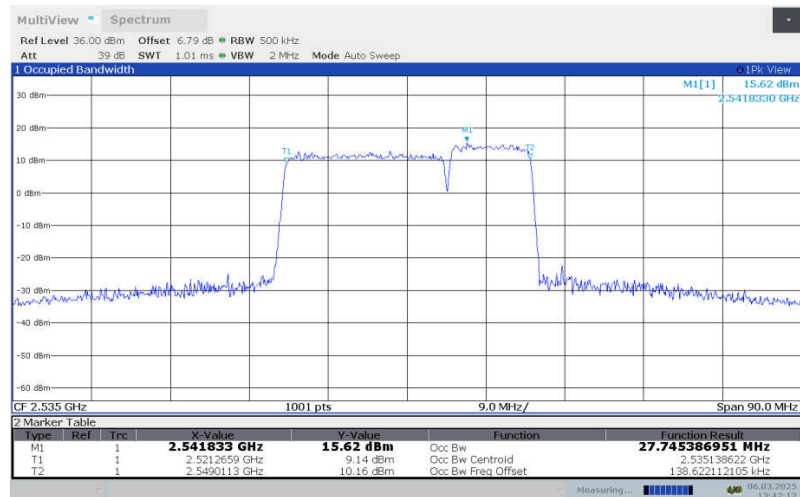
**LTE CA band 7C, 15MHz+20MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2535.0	32.667	32.622

LTE CA band 7C , 15MHz+20MHz Bandwidth,QPSK (99% OBW)**LTE CA band 7C , 15MHz+20MHz Bandwidth,16QAM (99% OBW)**

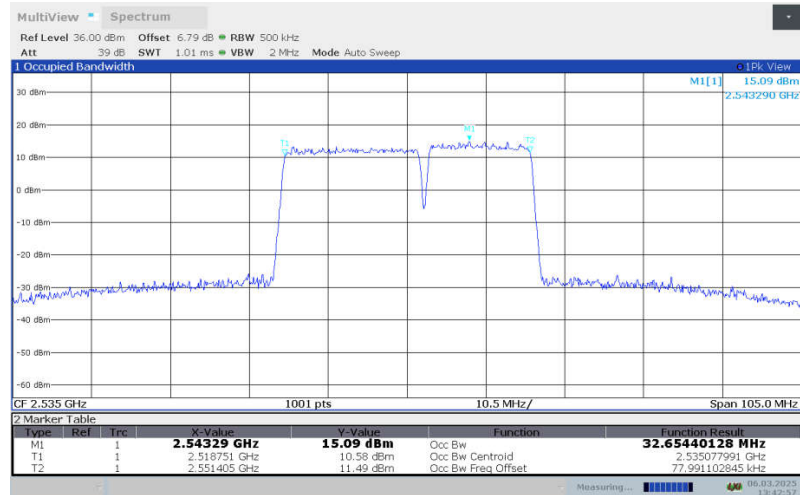
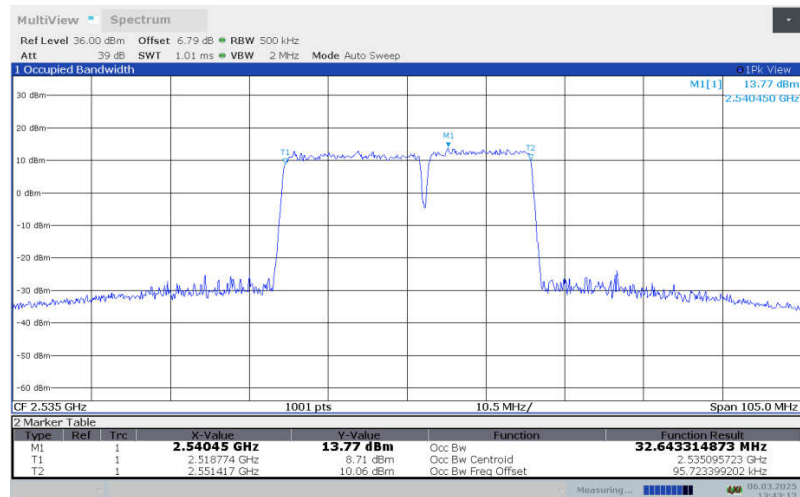
**LTE CA band 7C, 20MHz+10MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2535.0	27.755	27.745

LTE CA band 7C , 20MHz+10MHz Bandwidth,QPSK (99% OBW)**LTE CA band 7C , 20MHz+10MHz Bandwidth,16QAM (99% OBW)**

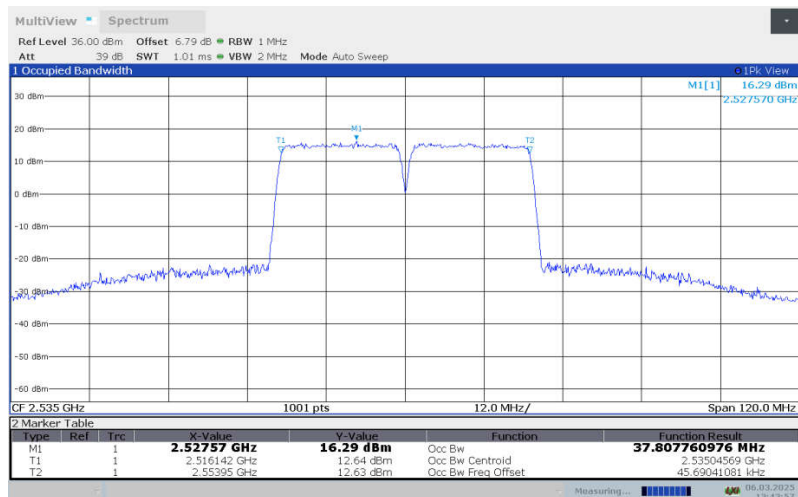
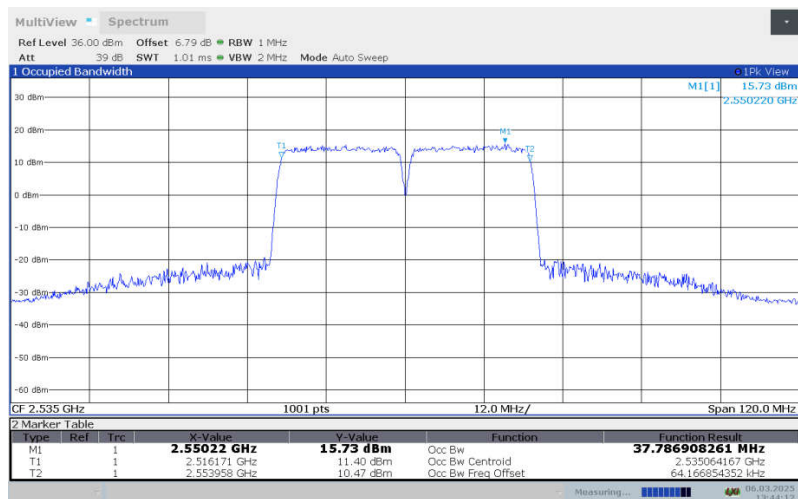
**LTE CA band 7C, 20MHz+15MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2535.0	32.654	32.643

LTE CA band 7C , 20MHz+15MHz Bandwidth,QPSK (99% OBW)**LTE CA band 7C , 20MHz+15MHz Bandwidth,16QAM (99% OBW)**

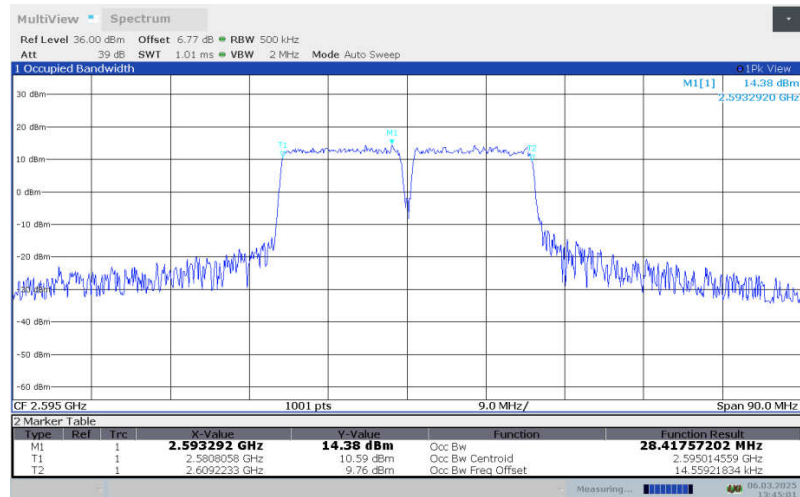
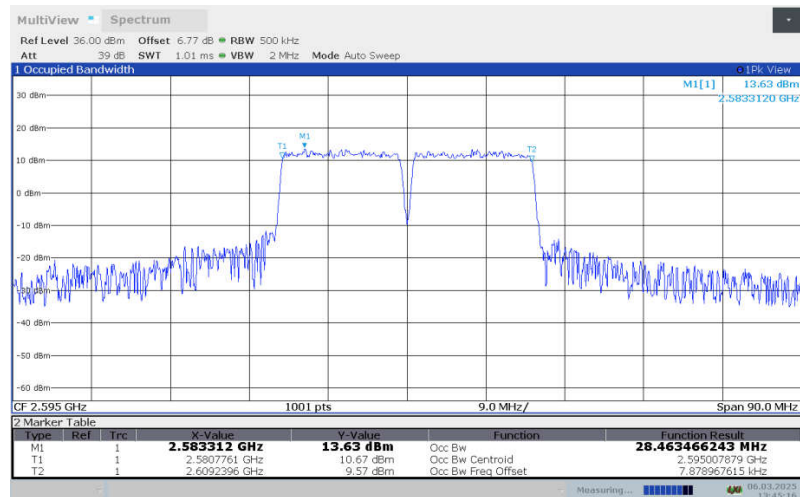
**LTE CA band 7C, 20MHz+20MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2535.0	37.808	37.787

LTE CA band 7C , 20MHz+20MHz Bandwidth,QPSK (99% OBW)**LTE CA band 7C , 20MHz+20MHz Bandwidth,16QAM (99% OBW)**

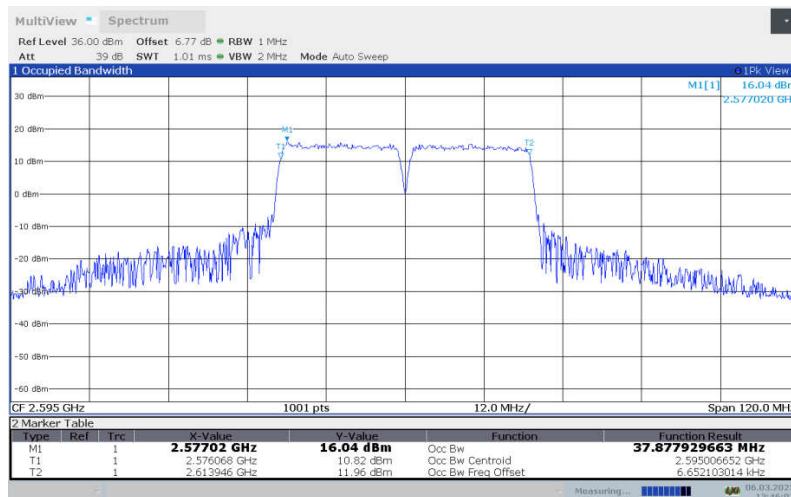
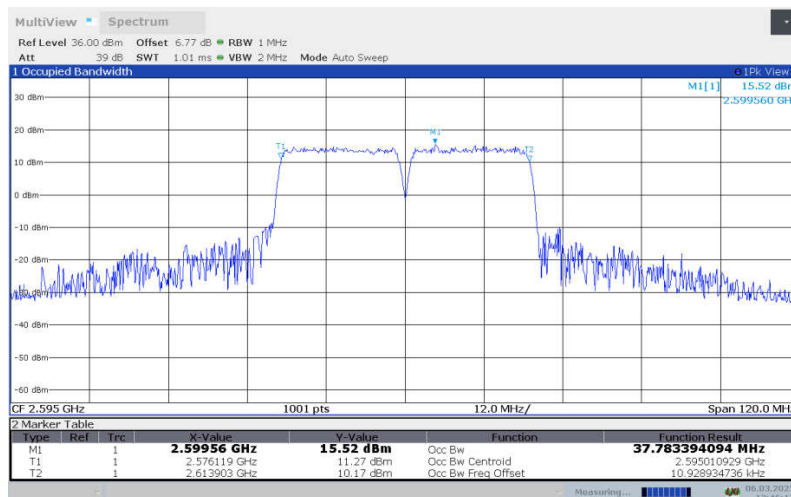
**LTE CA band 38C, 15MHz+15MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2595.0	28.418	28.463

LTE CA band 38C , 15MHz+15MHz Bandwidth,QPSK (99% OBW)**LTE CA band 38C , 15MHz+15MHz Bandwidth,16QAM (99% OBW)**

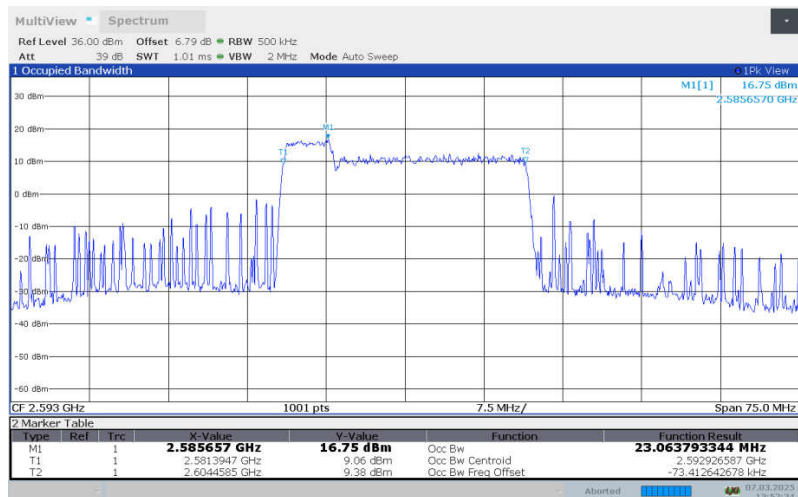
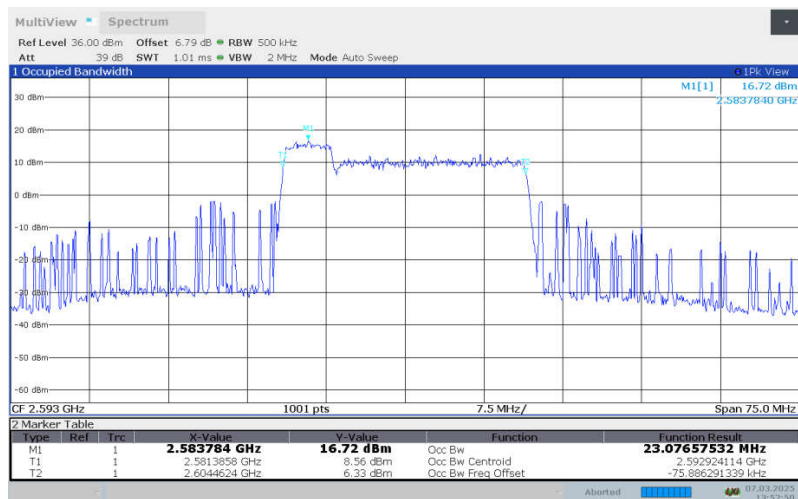
**LTE CA band 38C, 20MHz+20MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2595.0	37.878	37.783

LTE CA band 38C , 20MHz+20MHz Bandwidth,QPSK (99% OBW)**LTE CA band 38C , 20MHz+20MHz Bandwidth,16QAM (99% OBW)**

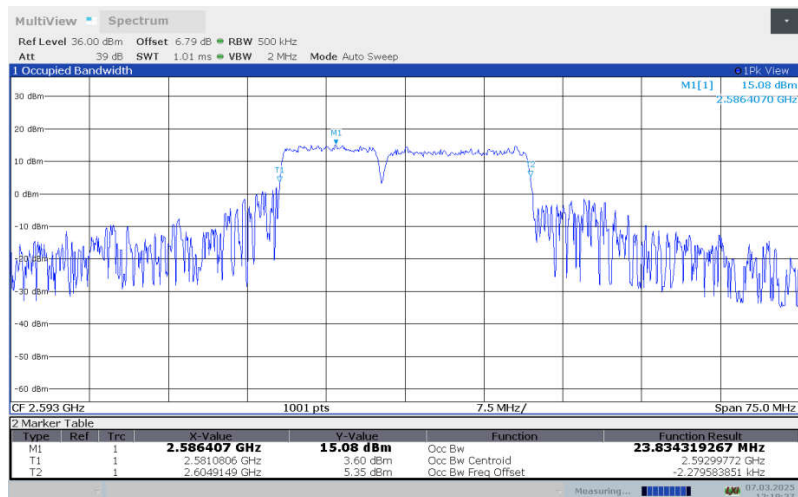
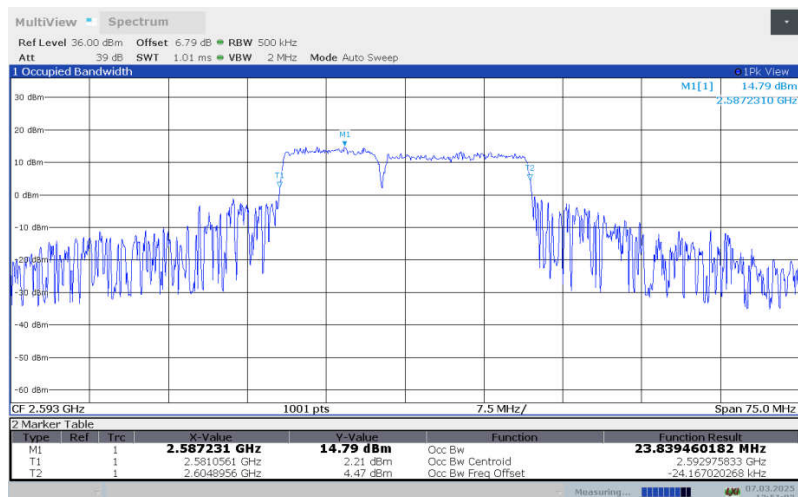
**LTE CA band 41C, 5MHz+20MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	23.064	23.077

LTE CA band 41C , 5MHz+20MHz Bandwidth,QPSK (99% OBW)**LTE CA band 41C , 5MHz+20MHz Bandwidth,16QAM (99% OBW)**

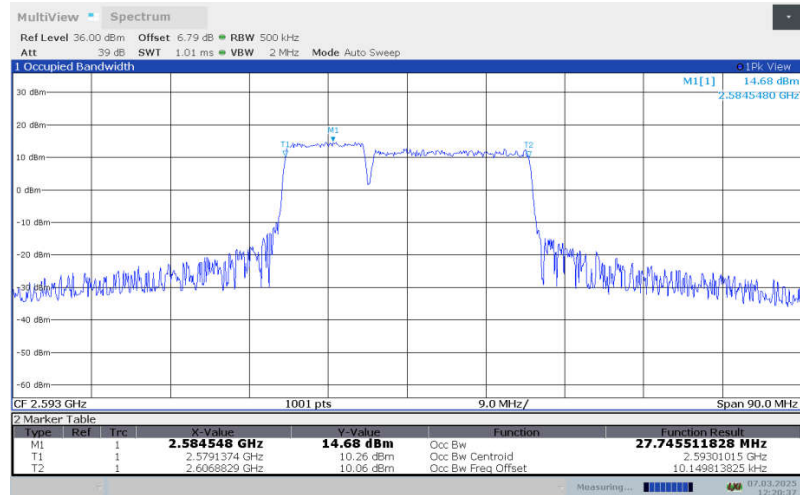
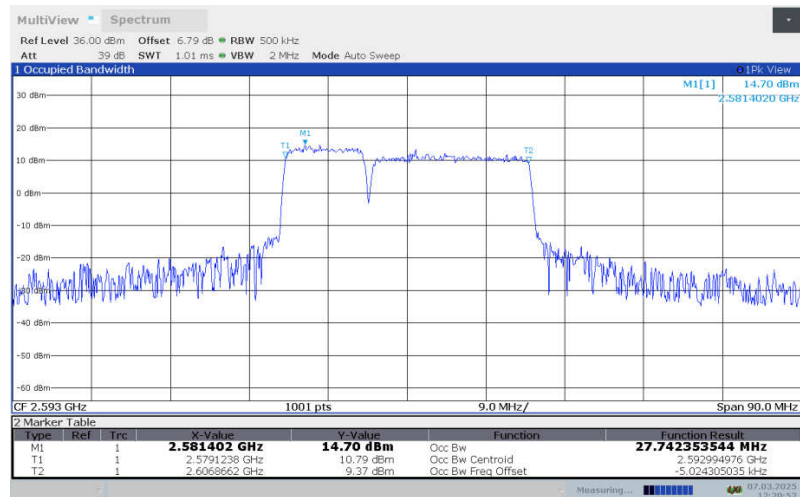
**LTE CA band 41C, 10MHz+15MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	23.834	23.839

LTE CA band 41C , 10MHz+15MHz Bandwidth,QPSK (99% OBW)**LTE CA band 41C , 10MHz+15MHz Bandwidth,16QAM (99% OBW)**

**LTE CA band 41C, 10MHz+20MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	27.746	27.742

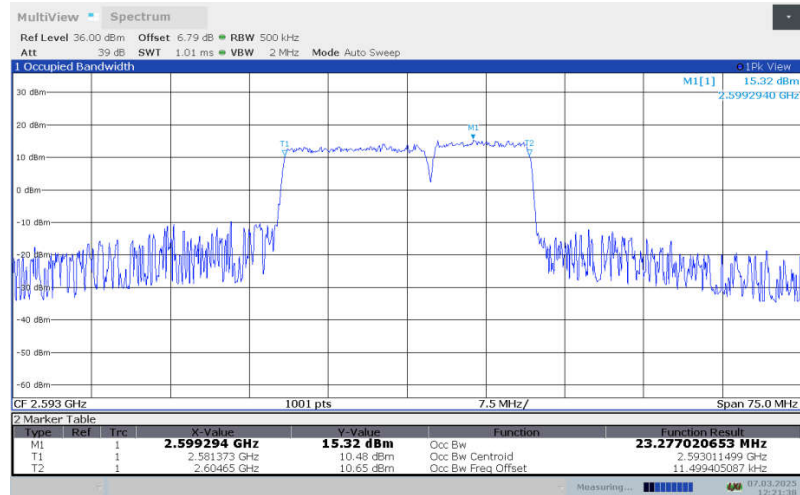
LTE CA band 41C , 10MHz+20MHz Bandwidth,QPSK (99% OBW)**LTE CA band 41C , 10MHz+20MHz Bandwidth,16QAM (99% OBW)**



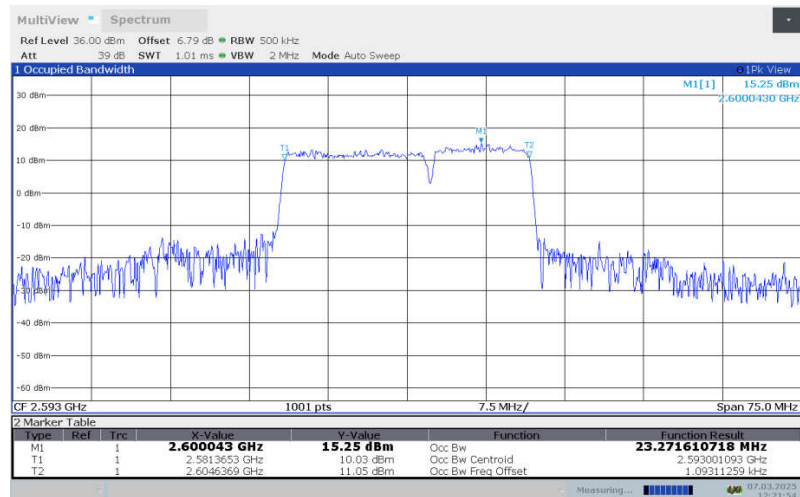
LTE CA band 41C, 15MHz+10MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	23.277	23.272

LTE CA band 41C , 15MHz+10MHz Bandwidth,QPSK (99% OBW)

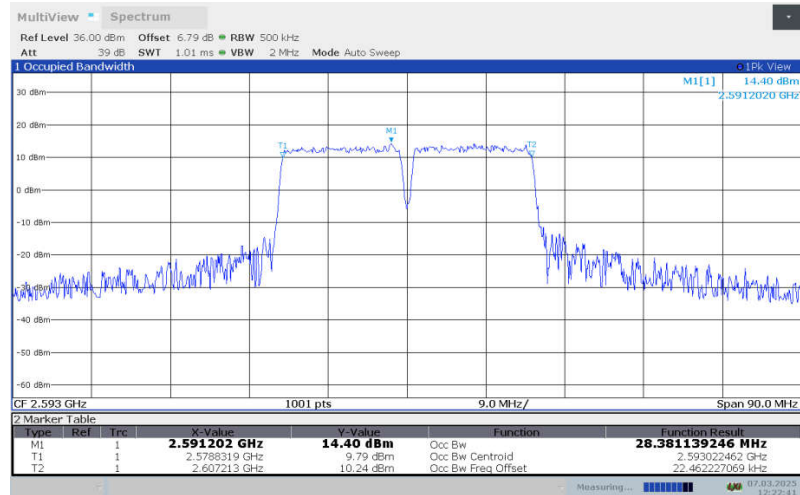
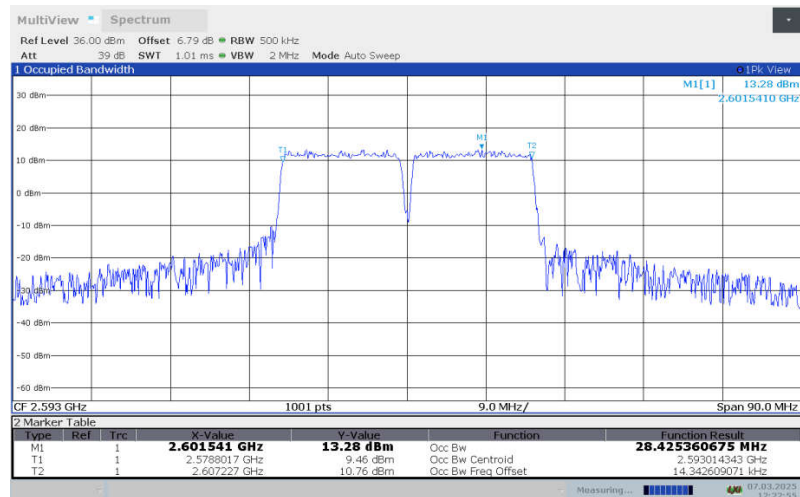


LTE CA band 41C , 15MHz+10MHz Bandwidth,16QAM (99% OBW)



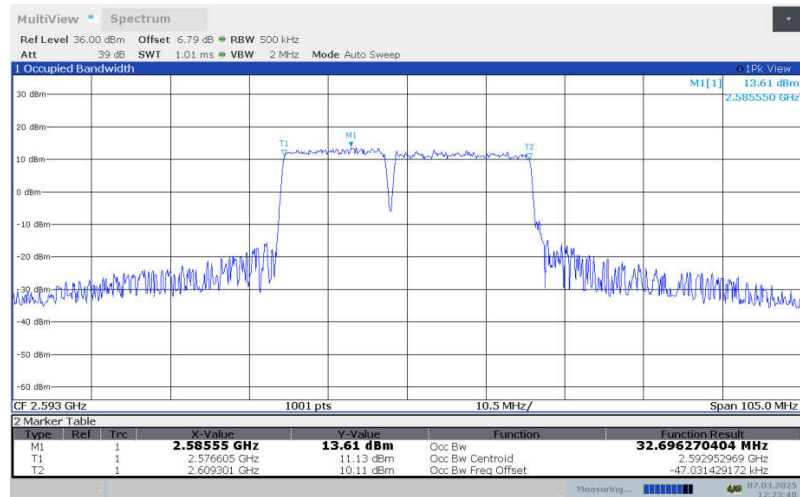
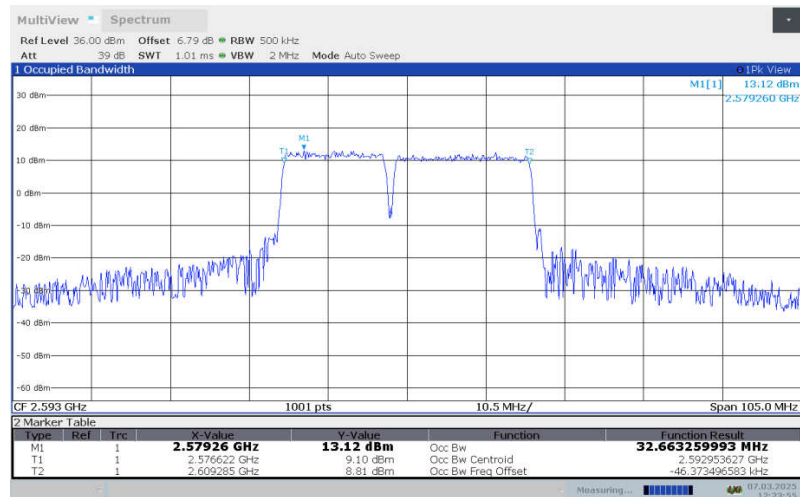
**LTE CA band 41C, 15MHz+15MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	28.381	28.425

LTE CA band 41C , 15MHz+15MHz Bandwidth,QPSK (99% OBW)**LTE CA band 41C , 15MHz+15MHz Bandwidth,16QAM (99% OBW)**

**LTE CA band 41C, 15MHz+20MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	32.696	32.663

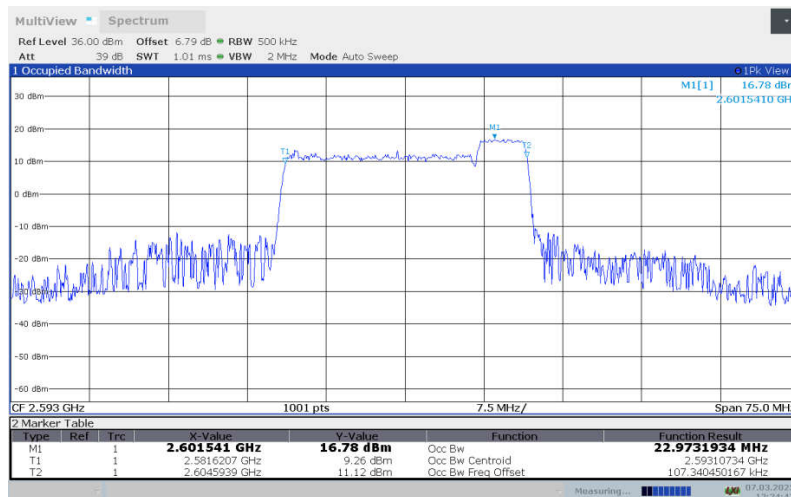
LTE CA band 41C , 15MHz+20MHz Bandwidth,QPSK (99% OBW)**LTE CA band 41C , 15MHz+20MHz Bandwidth,16QAM (99% OBW)**



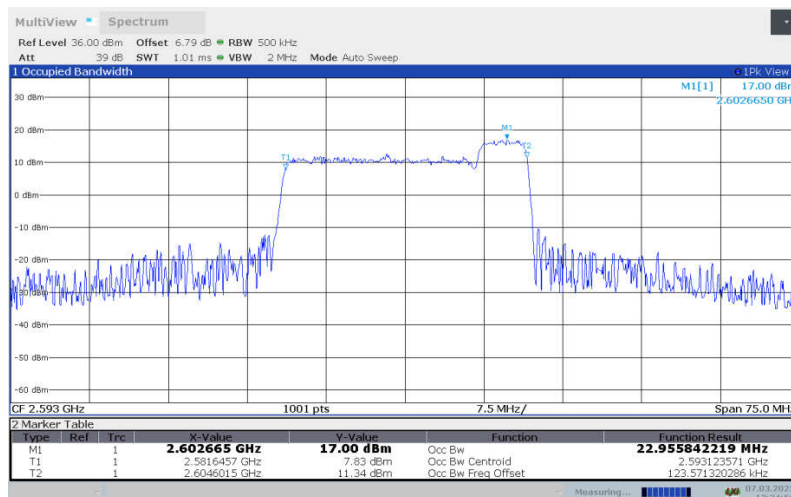
LTE CA band 41C, 20MHz+5MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	22.973	22.956

LTE CA band 41C , 20MHz+5MHz Bandwidth,QPSK (99% OBW)

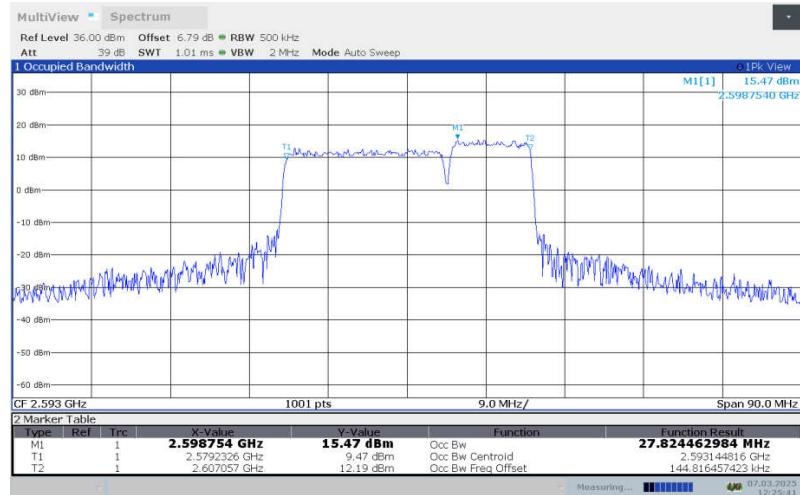
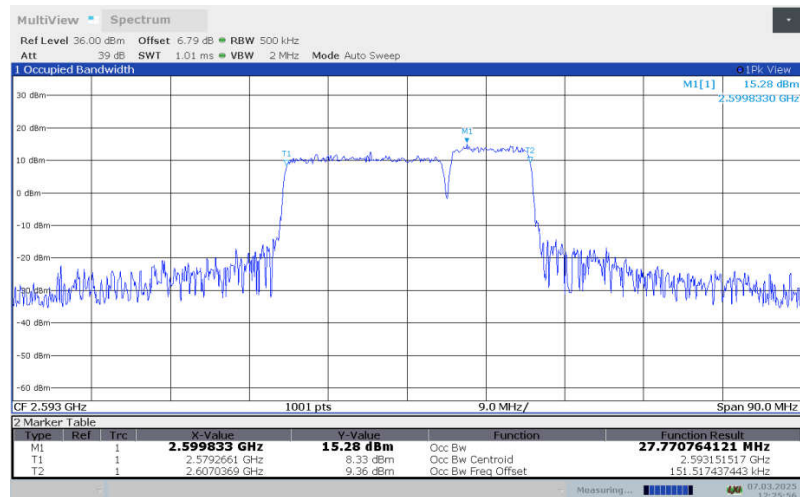


LTE CA band 41C , 20MHz+5MHz Bandwidth,16QAM (99% OBW)



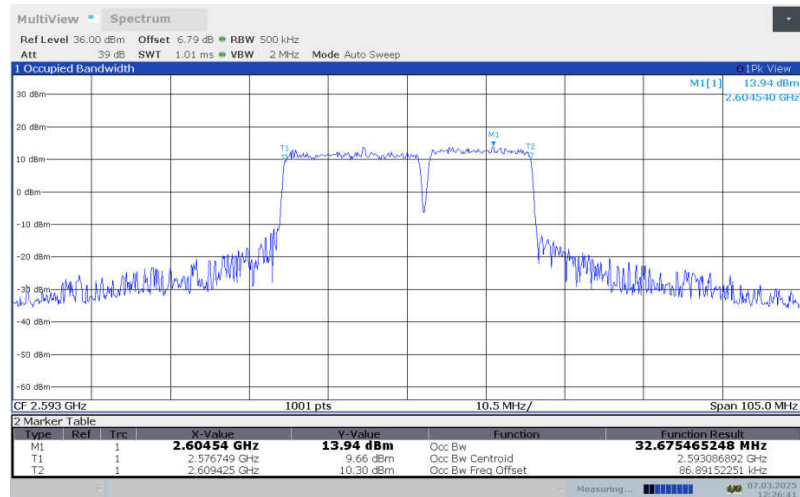
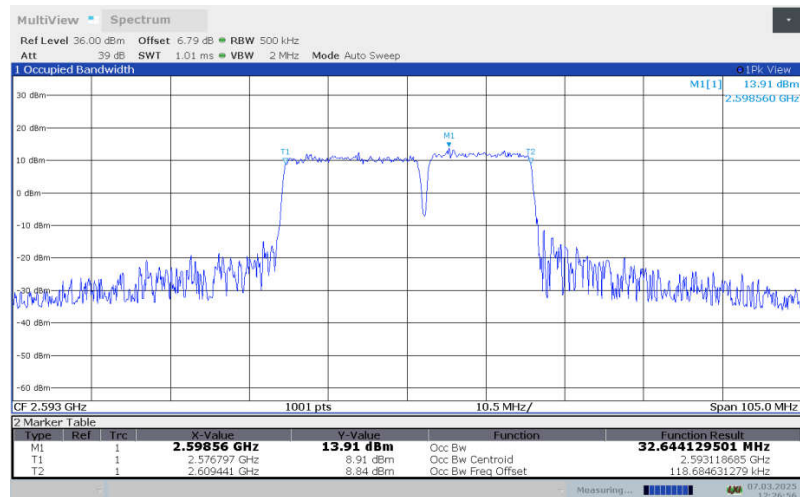
**LTE CA band 41C, 20MHz+10MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	27.824	27.771

LTE CA band 41C , 20MHz+10MHz Bandwidth,QPSK (99% OBW)**LTE CA band 41C , 20MHz+10MHz Bandwidth,16QAM (99% OBW)**

**LTE CA band 41C, 20MHz+15MHz(99% OBW)**

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	32.675	32.644

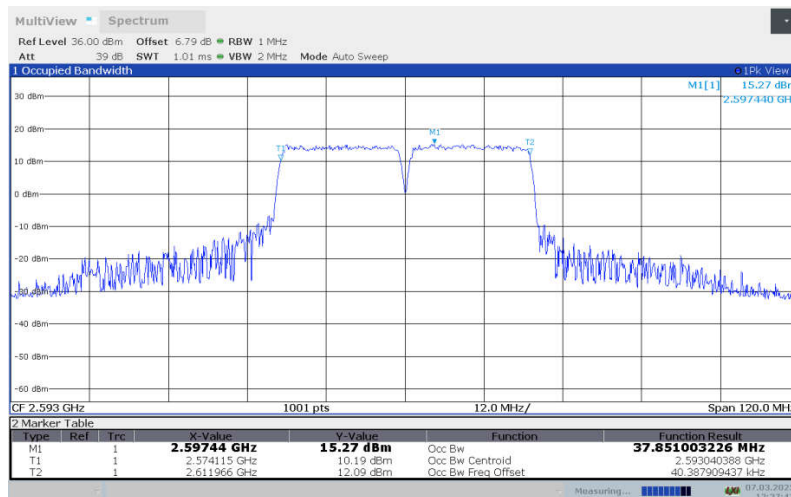
LTE CA band 41C , 20MHz+15MHz Bandwidth,QPSK (99% OBW)**LTE CA band 41C , 20MHz+15MHz Bandwidth,16QAM (99% OBW)**



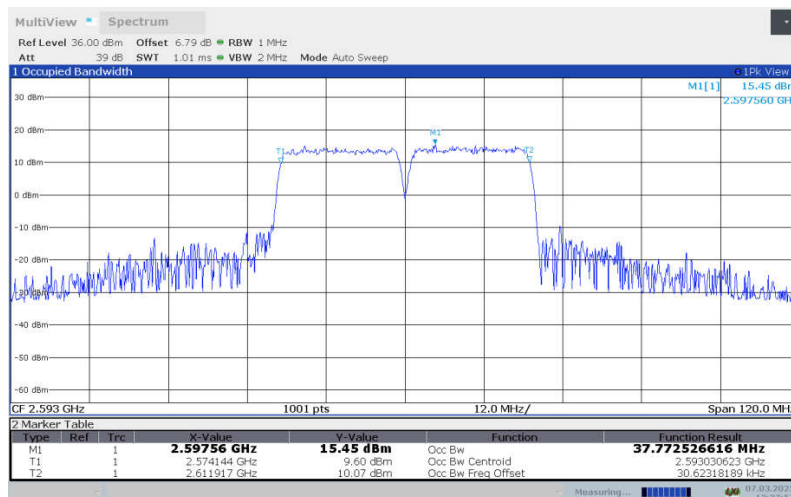
LTE CA band 41C, 20MHz+20MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)	
	QPSK	16QAM
2593.0	37.851	37.773

LTE CA band 41C , 20MHz+20MHz Bandwidth,QPSK (99% OBW)



LTE CA band 41C , 20MHz+20MHz Bandwidth,16QAM (99% OBW)



Note: Expanded measurement uncertainty is $U = 3428 \text{ Hz}$, $k = 2$



A.5 EMISSION BANDWIDTH

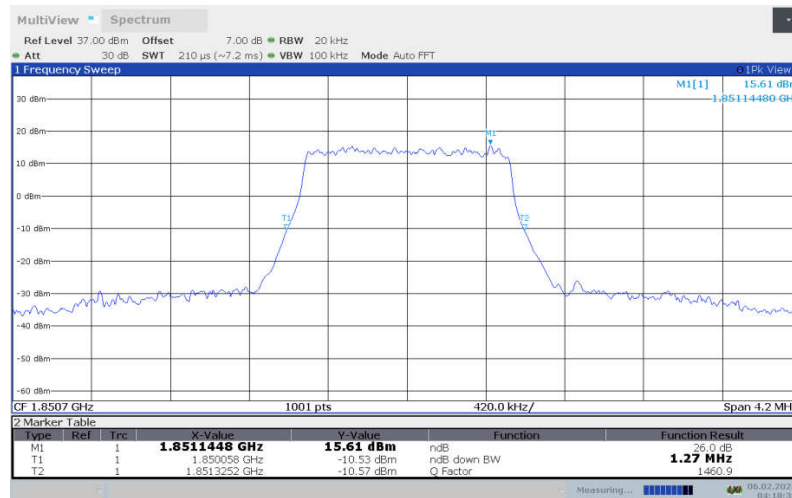
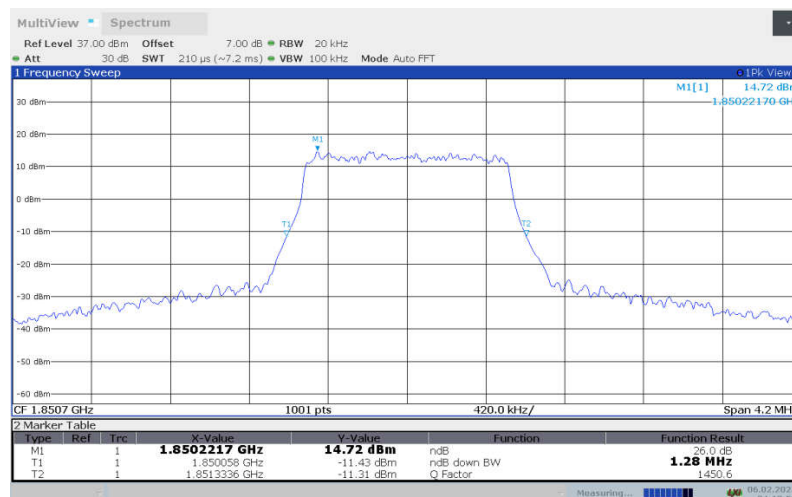
The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. Table below lists the measured -26dBc BW. Spectrum analyzer plots are included on the following pages.

The measurement method is from ANSI C63.26:

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
- b) The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times \text{RBW}$.
- c) Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation.
- d) The dynamic range of the spectrum analyzer at the selected RBW shall be more than 10 dB below the target “-X dB” requirement, i.e., if the requirement calls for measuring the -26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be at least 36 dB below the reference level.
- e) Set spectrum analyzer detection mode to peak, and the trace mode to max hold.

**LTE Band 2,1.4MHz(-26dBc OBW)**

Frequency(MHz)	Emission Bandwidth (-26dBc OBW)(MHz)		
	QPSK	16QAM	64QAM
1850.7	1.267	1.276	1.254
1880	1.250	1.288	1.276
1909.3	1.280	1.250	1.280

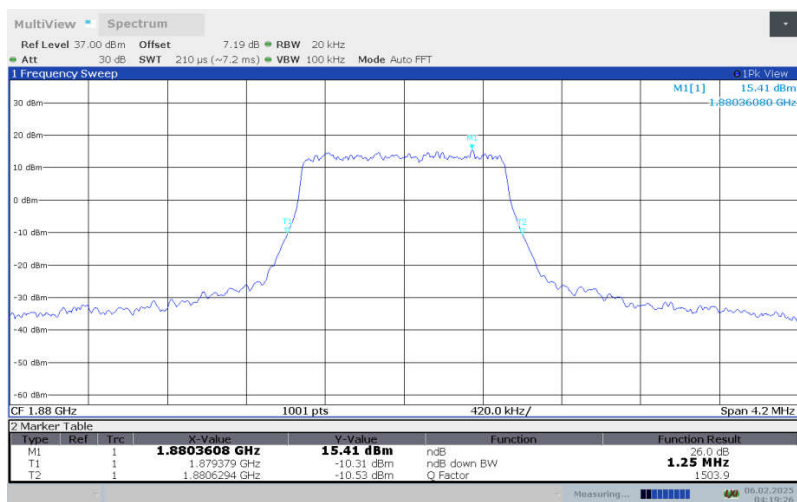
LTE Band 2 , 1.4MHz Bandwidth,LOW,QPSK (-26dBc OBW)**LTE Band 2 , 1.4MHz Bandwidth,LOW,16QAM (-26dBc OBW)****LTE Band 2 , 1.4MHz Bandwidth,LOW,64QAM (-26dBc OBW)**



No.25T04N000127-003-RF LTE



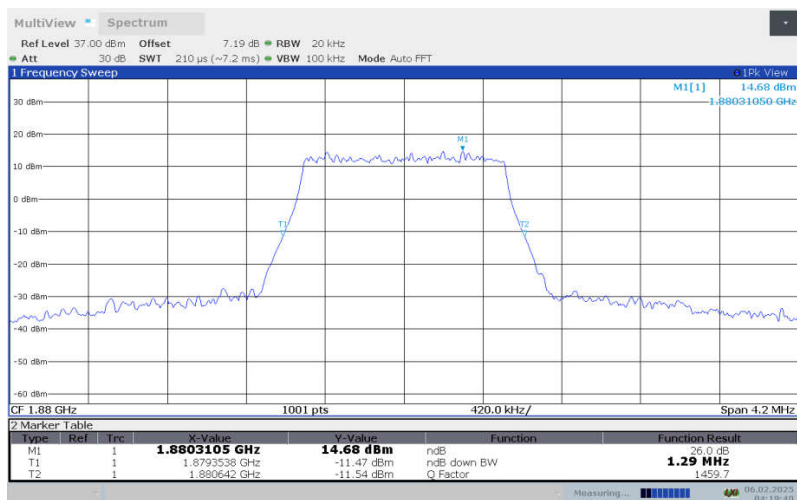
LTE Band 2 , 1.4MHz Bandwidth,MID,QPSK (-26dBc OBW)



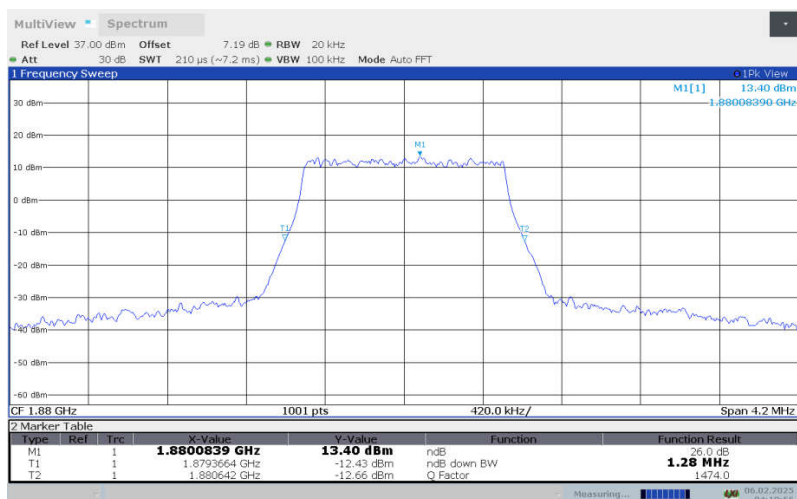
LTE Band 2 , 1.4MHz Bandwidth,MID,16QAM (-26dBc OBW)



No.25T04N000127-003-RF LTE



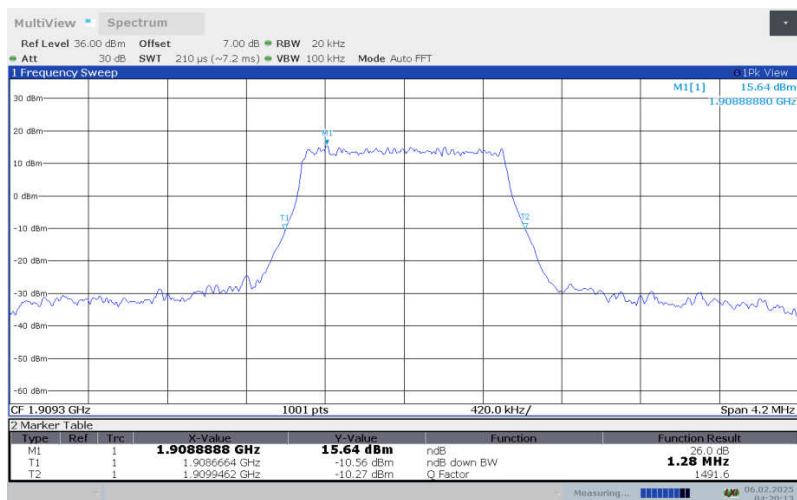
LTE Band 2 , 1.4MHz Bandwidth,MID,64QAM (-26dBc OBW)



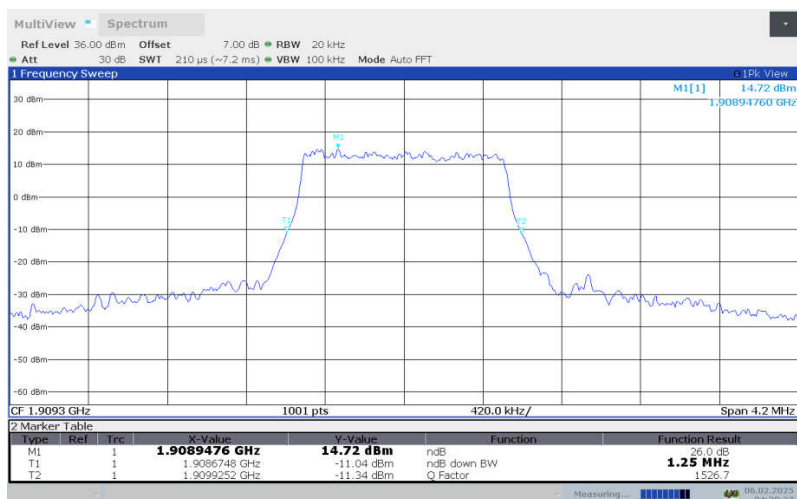
LTE Band 2 , 1.4MHz Bandwidth,HIGH,QPSK (-26dBc OBW)



No.25T04N000127-003-RF LTE



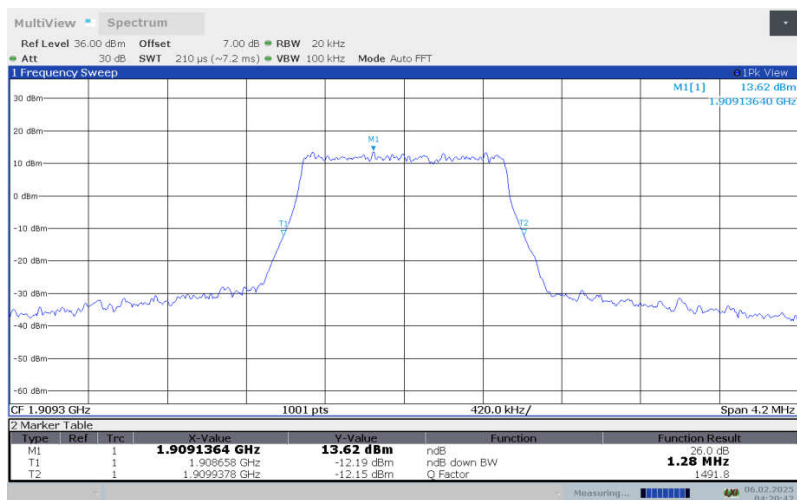
LTE Band 2 , 1.4MHz Bandwidth,HIGH,16QAM (-26dBc OBW)



LTE Band 2 , 1.4MHz Bandwidth,HIGH,64QAM (-26dBc OBW)



No.25T04N000127-003-RF LTE

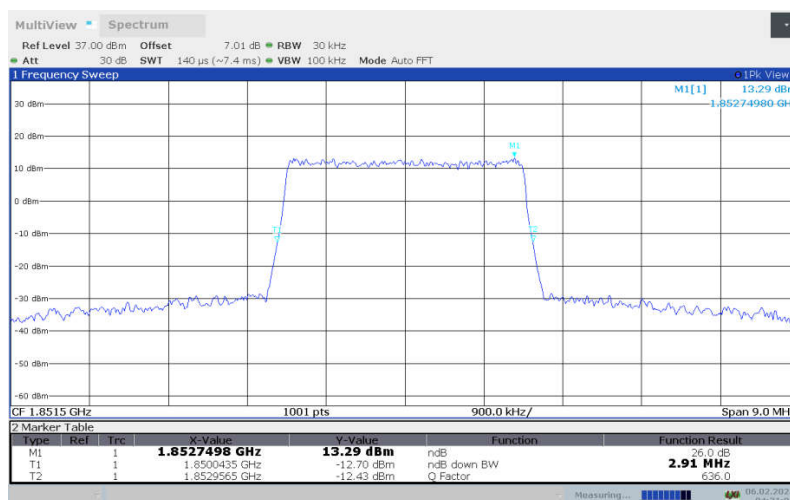




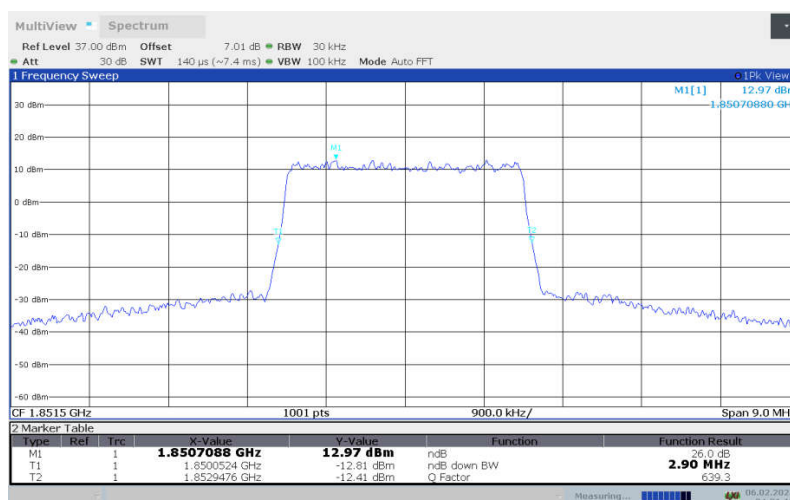
LTE Band 2,3MHz(-26dBc OBW)

Frequency(MHz)	Emission Bandwidth (-26dBc OBW)(MHz)		
	QPSK	16QAM	64QAM
1851.5	2.913	2.895	2.904
1880	2.886	2.895	2.877
1908.5	2.895	2.895	2.895

LTE Band 2 , 3MHz Bandwidth,LOW,QPSK (-26dBc OBW)



LTE Band 2 , 3MHz Bandwidth,LOW,16QAM (-26dBc OBW)



LTE Band 2 , 3MHz Bandwidth,LOW,64QAM (-26dBc OBW)