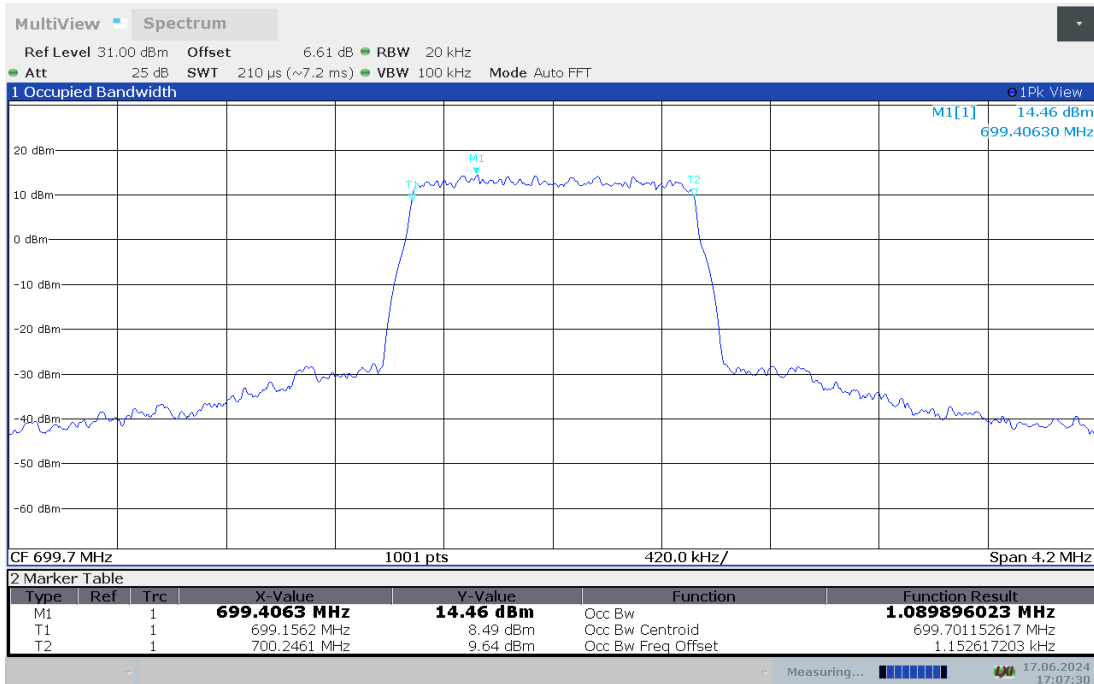
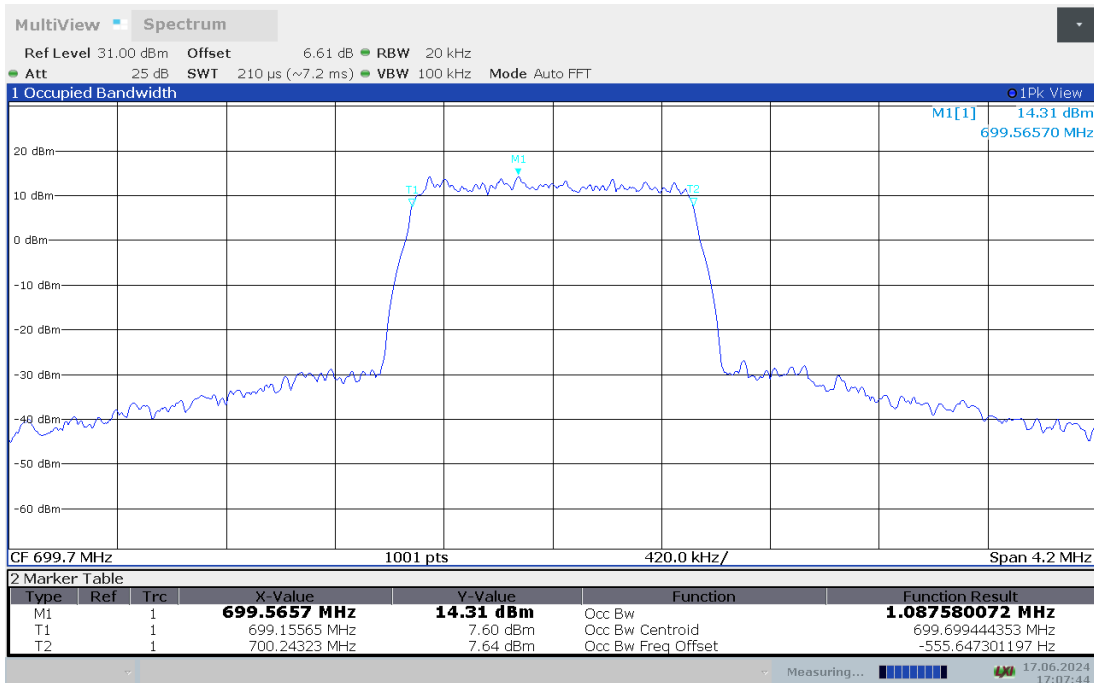


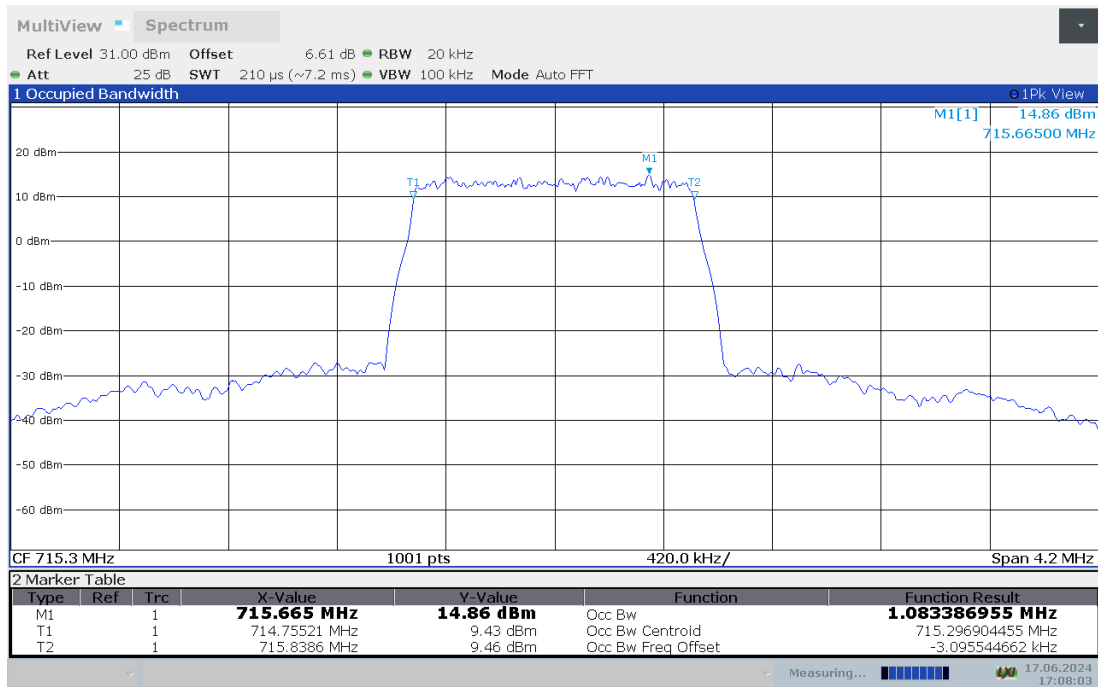
**LTE band 12 , 1.4MHz Bandwidth,LOW,QPSK (99% BW)**



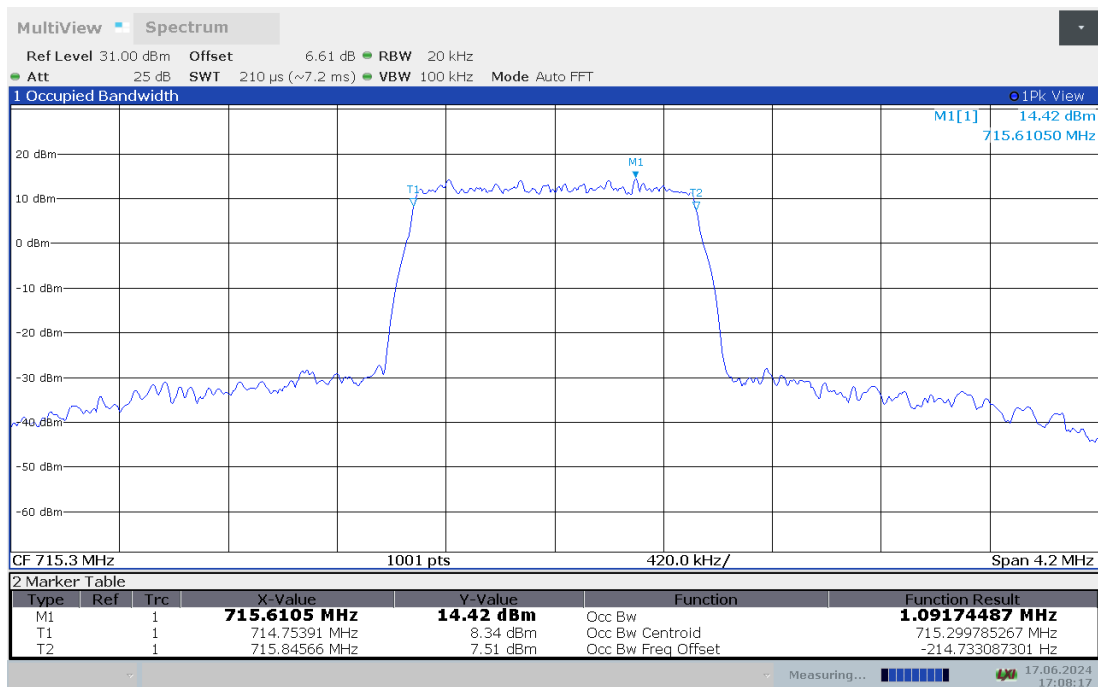
**LTE band 12 , 1.4MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 12 , 1.4MHz Bandwidth,HIGH,QPSK (99% BW)**



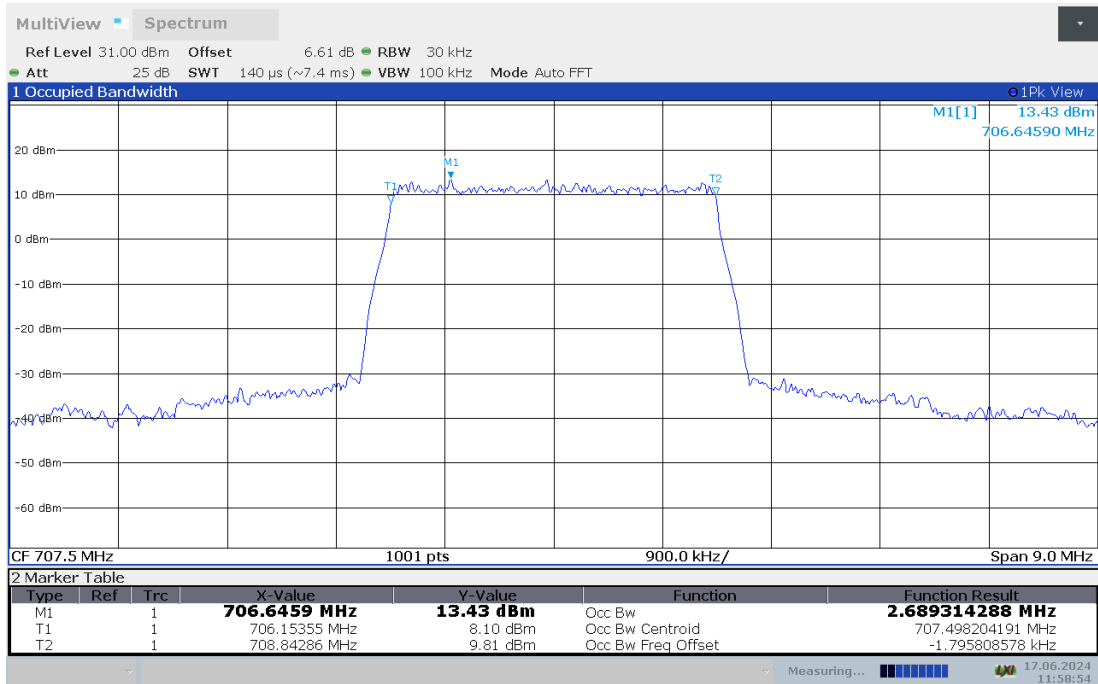
**LTE band 12 , 1.4MHz Bandwidth,HIGH,16QAM (99% BW)**



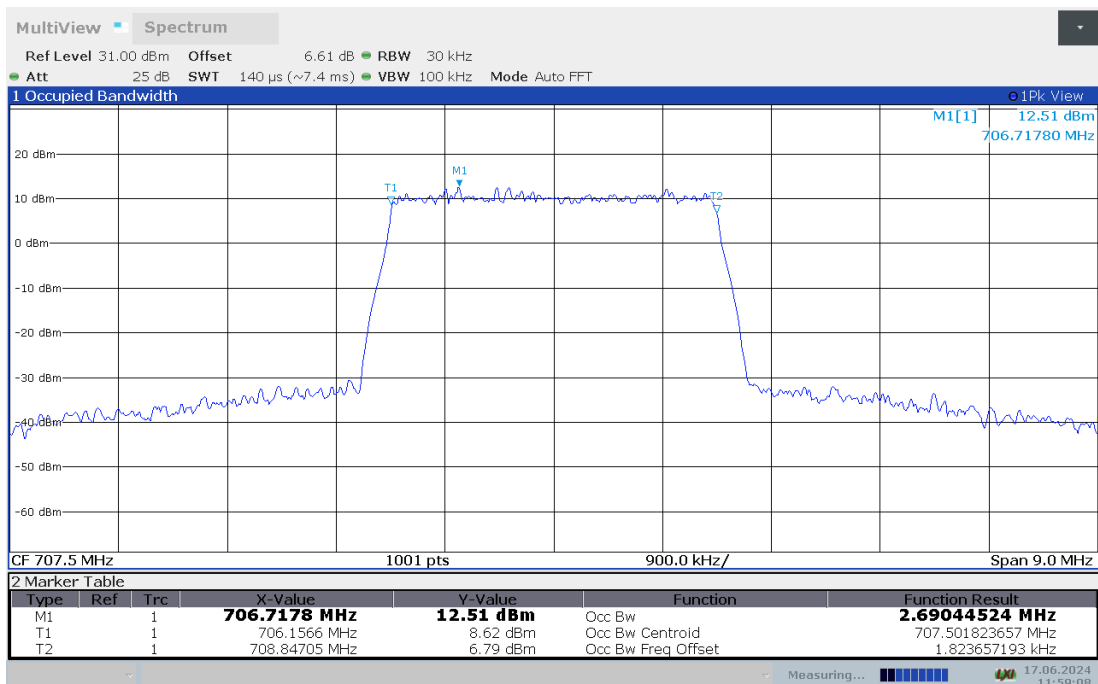
**LTE band 12,3MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
707.5	2.689	2.690
700.5	2.691	2.691
714.5	2.695	2.695

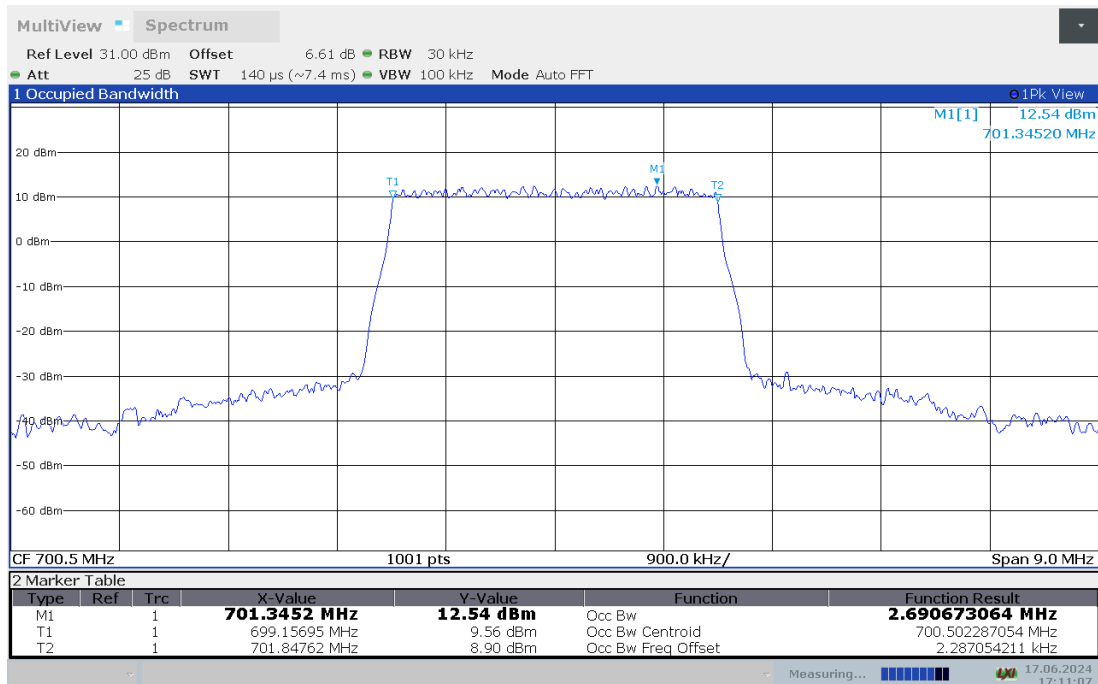
**LTE band 12 , 3MHz Bandwidth,MID,QPSK (99% BW)**



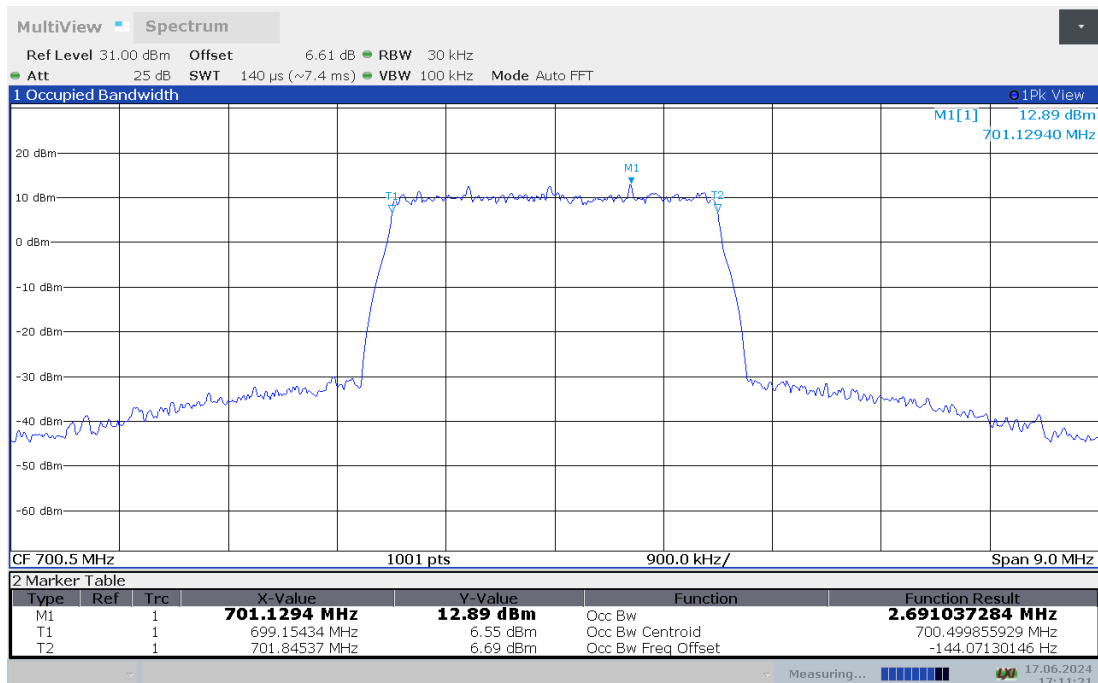
**LTE band 12 , 3MHz Bandwidth,MID,16QAM (99% BW)**



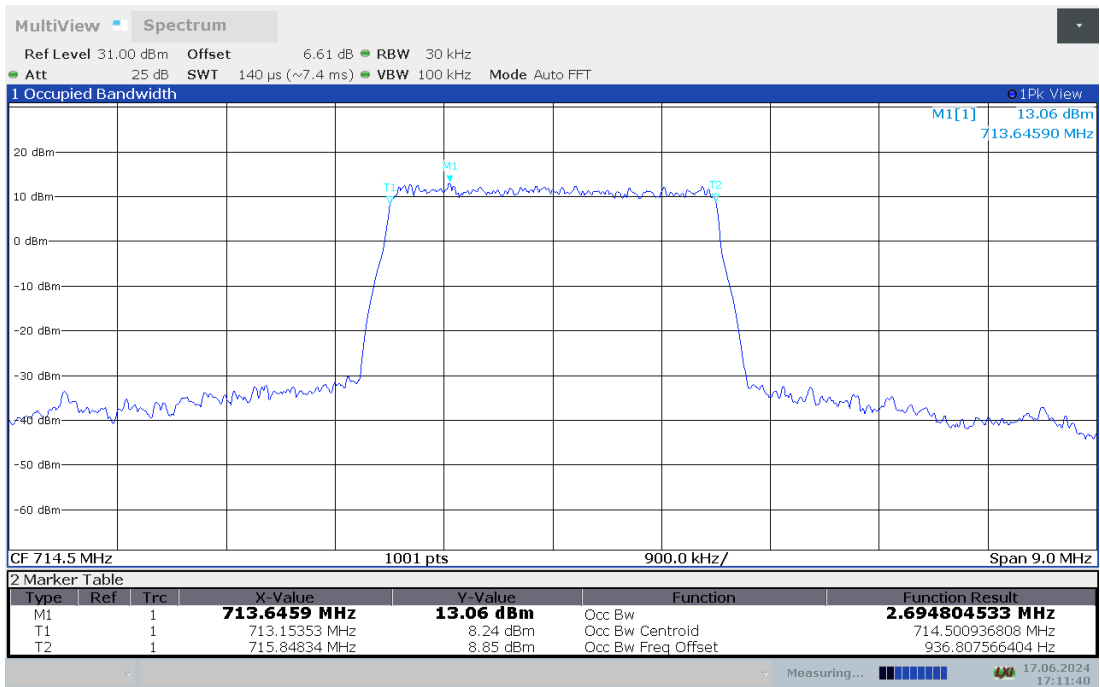
**LTE band 12 , 3MHz Bandwidth,LOW,QPSK (99% BW)**



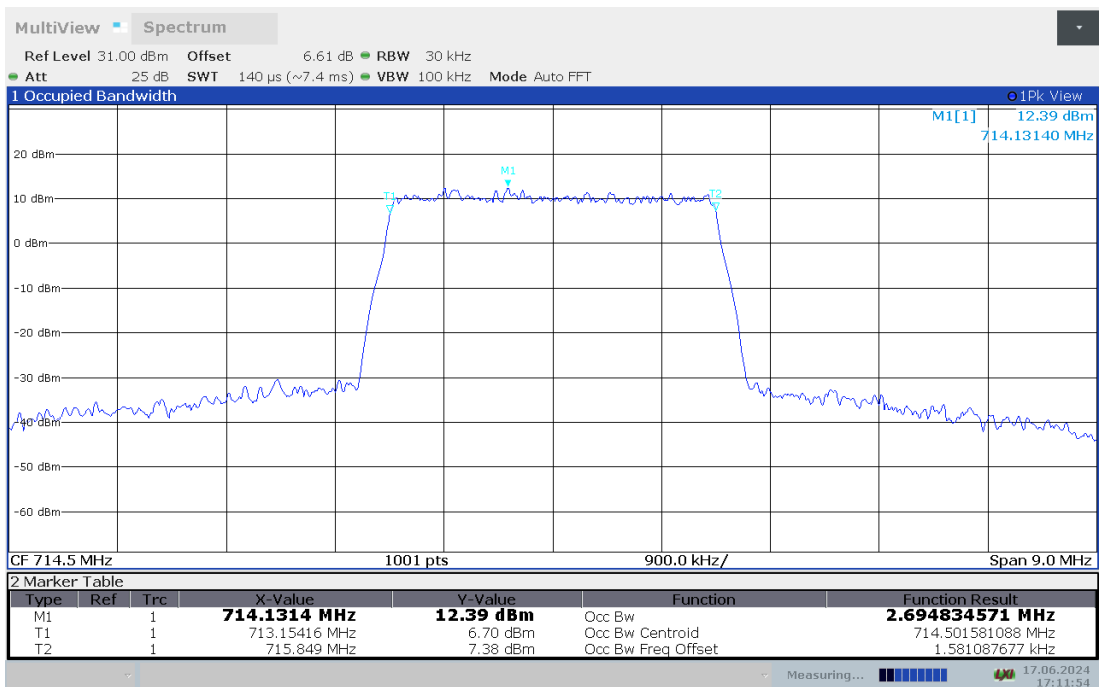
**LTE band 12 , 3MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 12 , 3MHz Bandwidth,HIGH,QPSK (99% BW)**



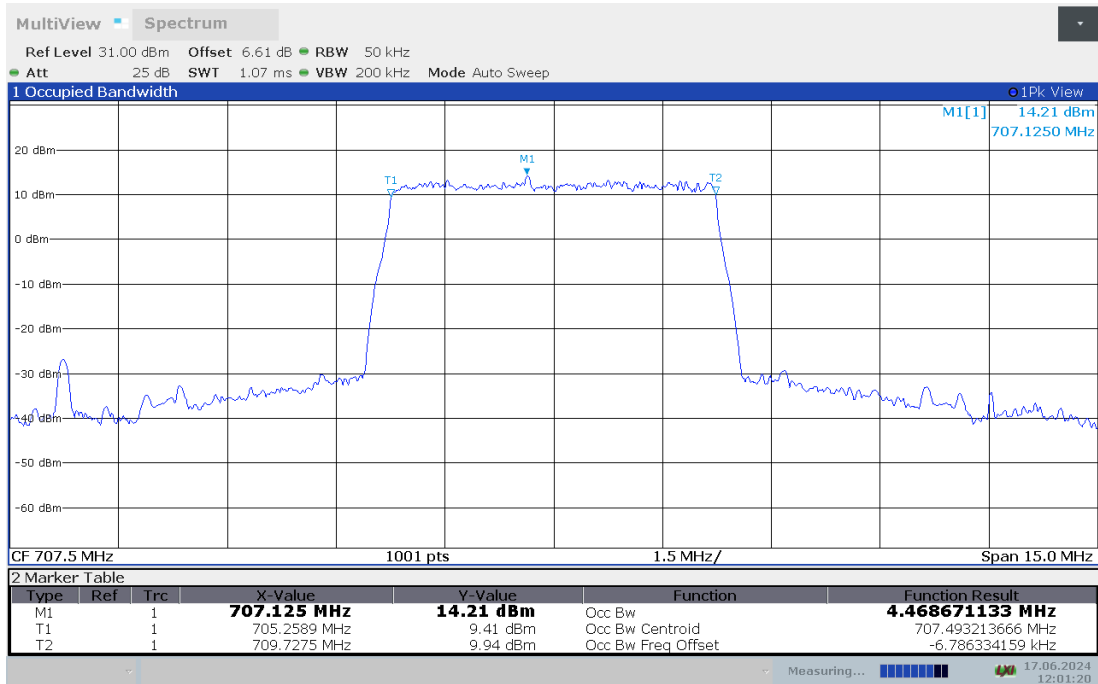
**LTE band 12 , 3MHz Bandwidth,HIGH,16QAM (99% BW)**



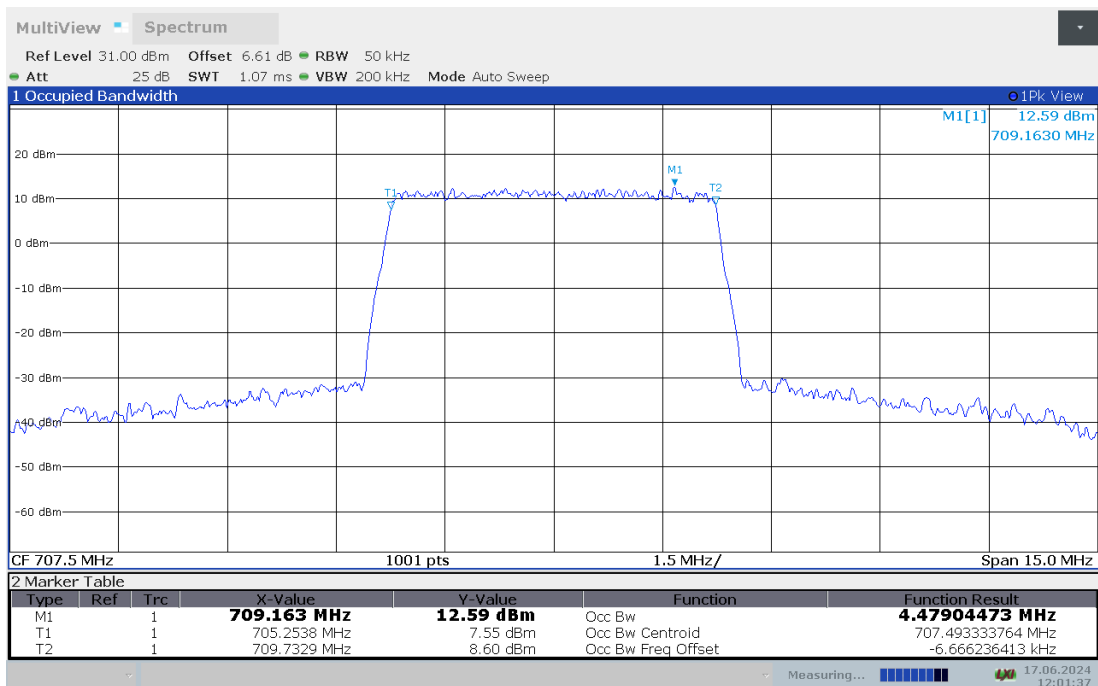
**LTE band 12,5MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
707.5	4.469	4.479
701.5	4.484	4.464
713.5	4.481	4.484

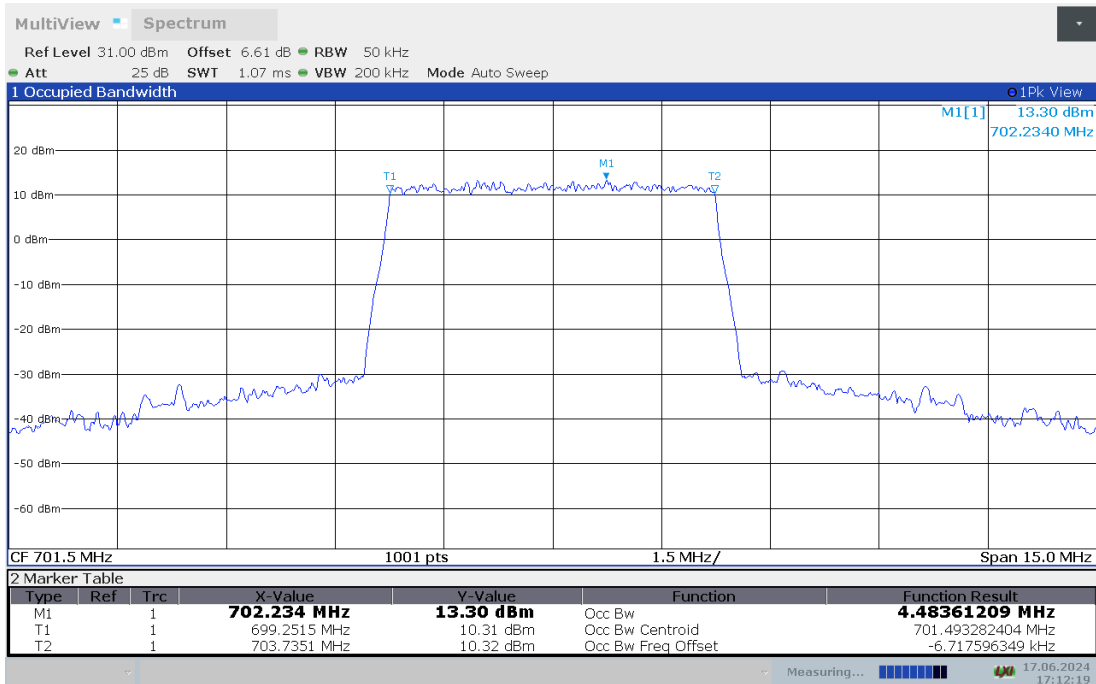
**LTE band 12 , 5MHz Bandwidth,MID,QPSK (99% BW)**



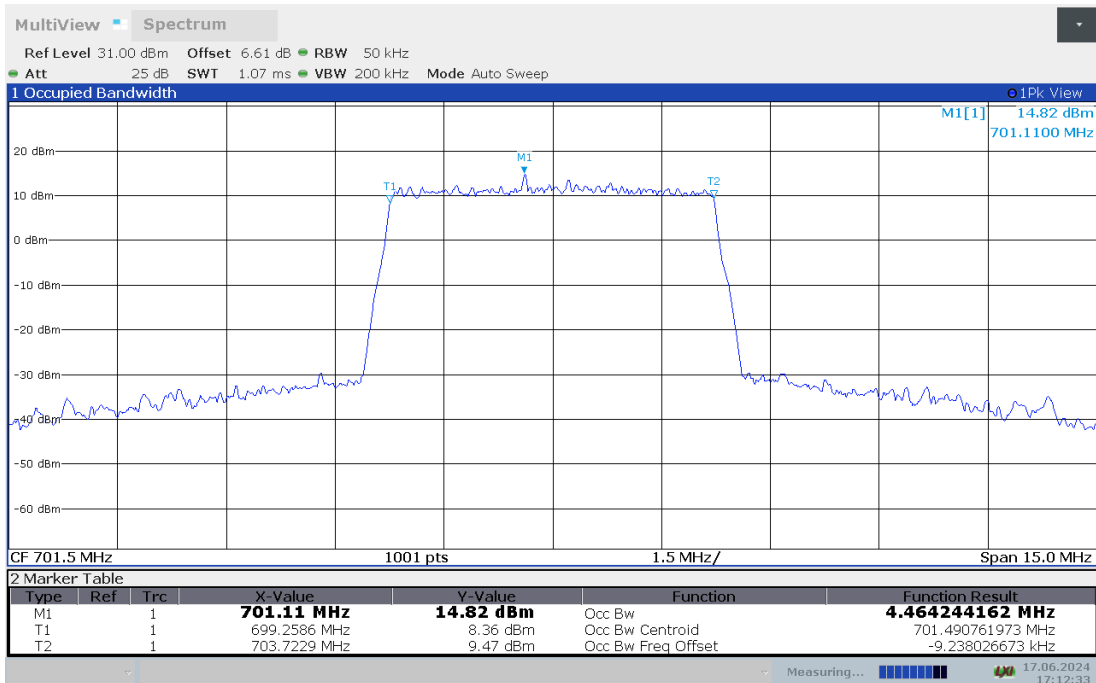
**LTE band 12 , 5MHz Bandwidth,MID,16QAM (99% BW)**



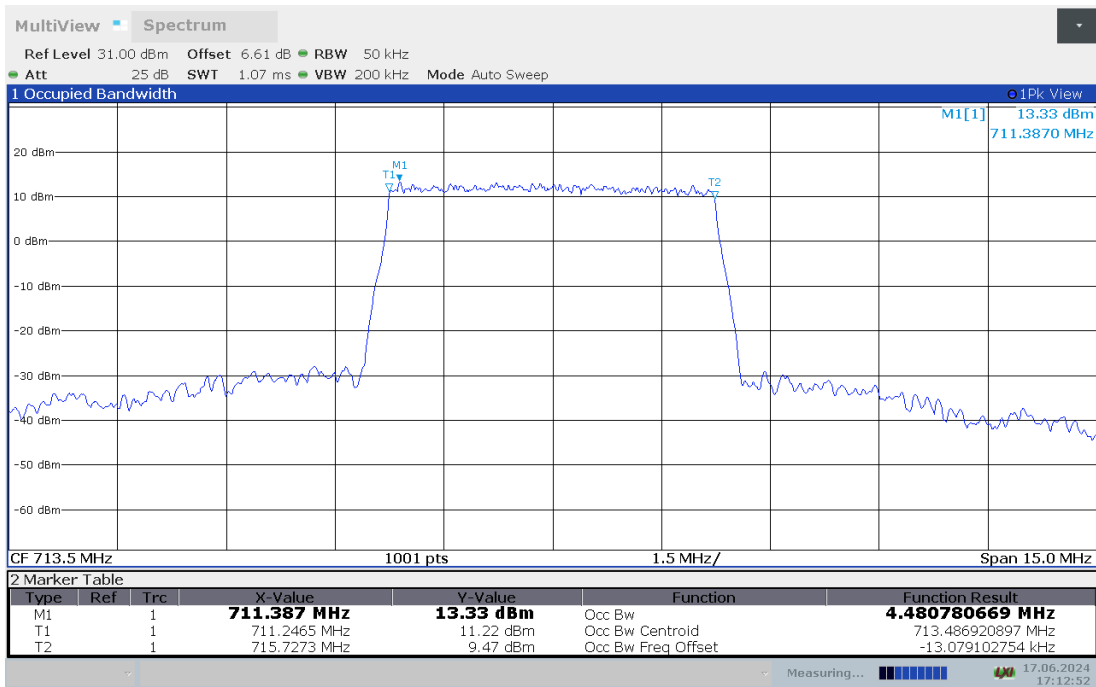
**LTE band 12 , 5MHz Bandwidth,LOW,QPSK (99% BW)**



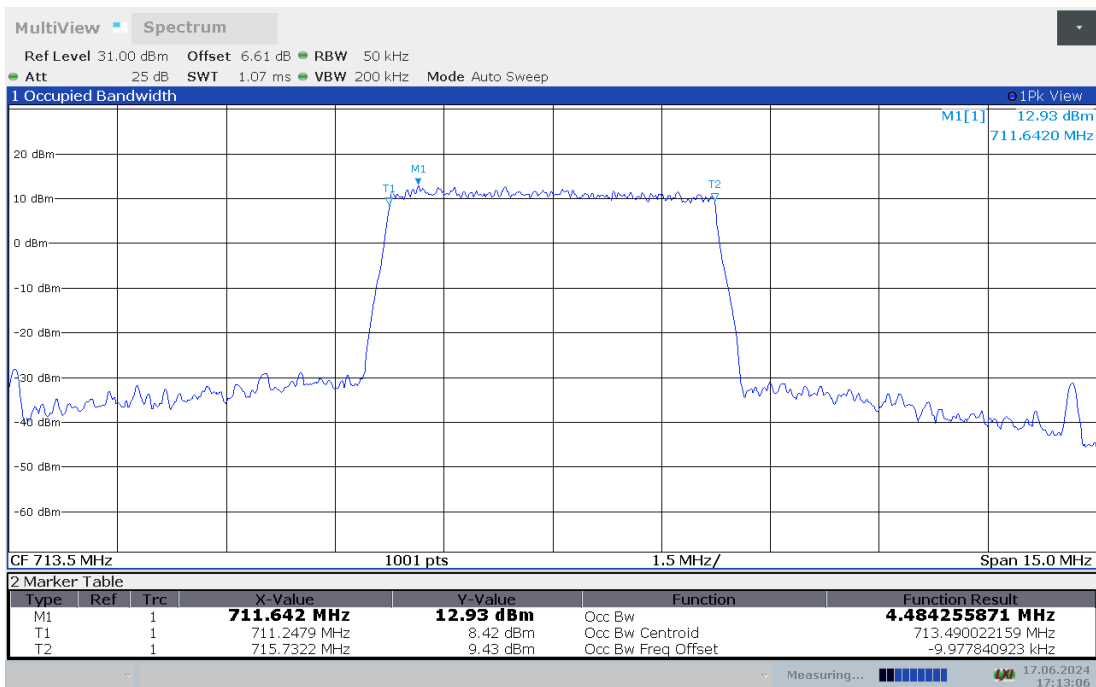
**LTE band 12 , 5MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 12 , 5MHz Bandwidth,HIGH,QPSK (99% BW)**



**LTE band 12 , 5MHz Bandwidth,HIGH,16QAM (99% BW)**



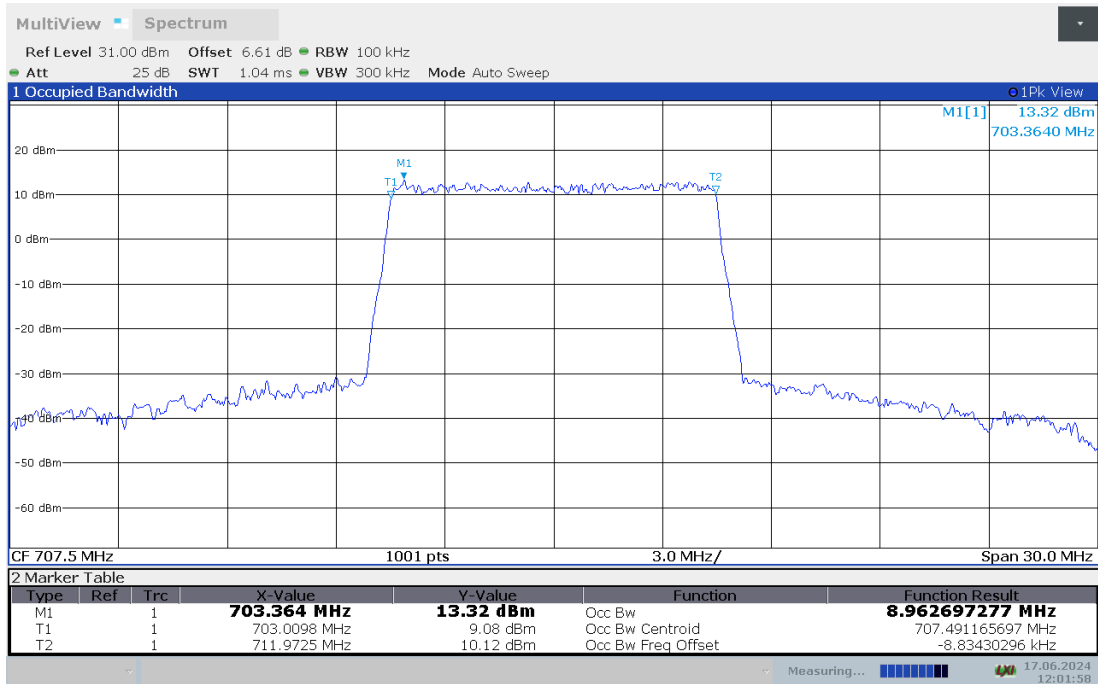




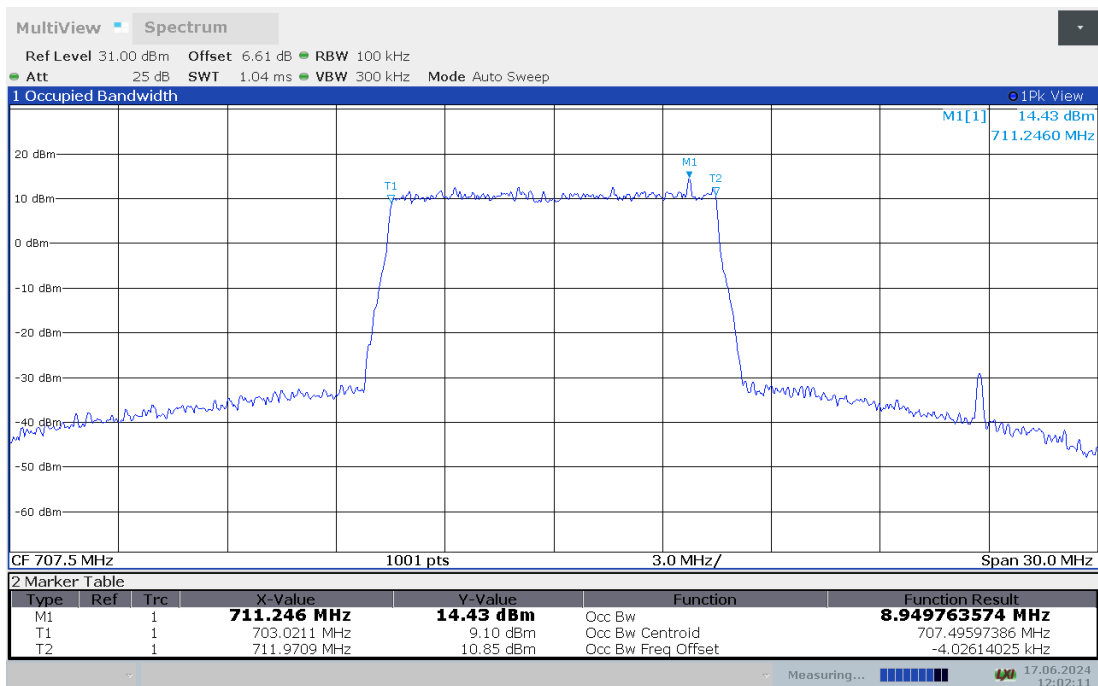
**LTE band 12,10MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
707.5	8.963	8.950
704	8.952	8.948
711	8.941	8.950

**LTE band 12 , 10MHz Bandwidth,MID,QPSK (99% BW)**

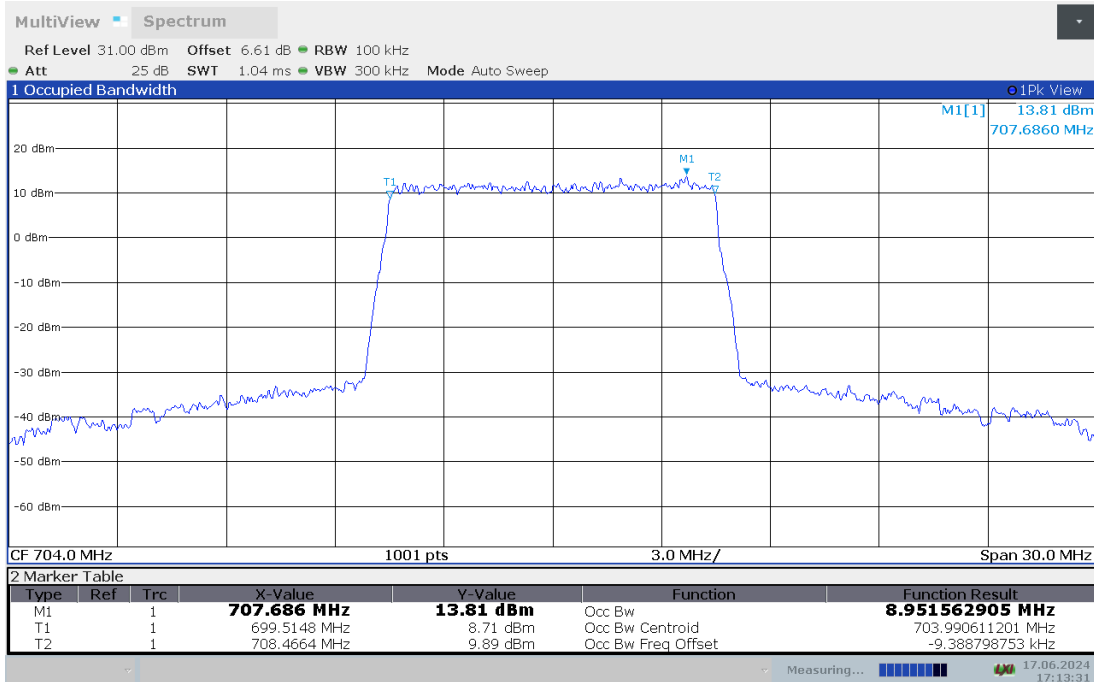


**LTE band 12 , 10MHz Bandwidth,MID,16QAM (99% BW)**

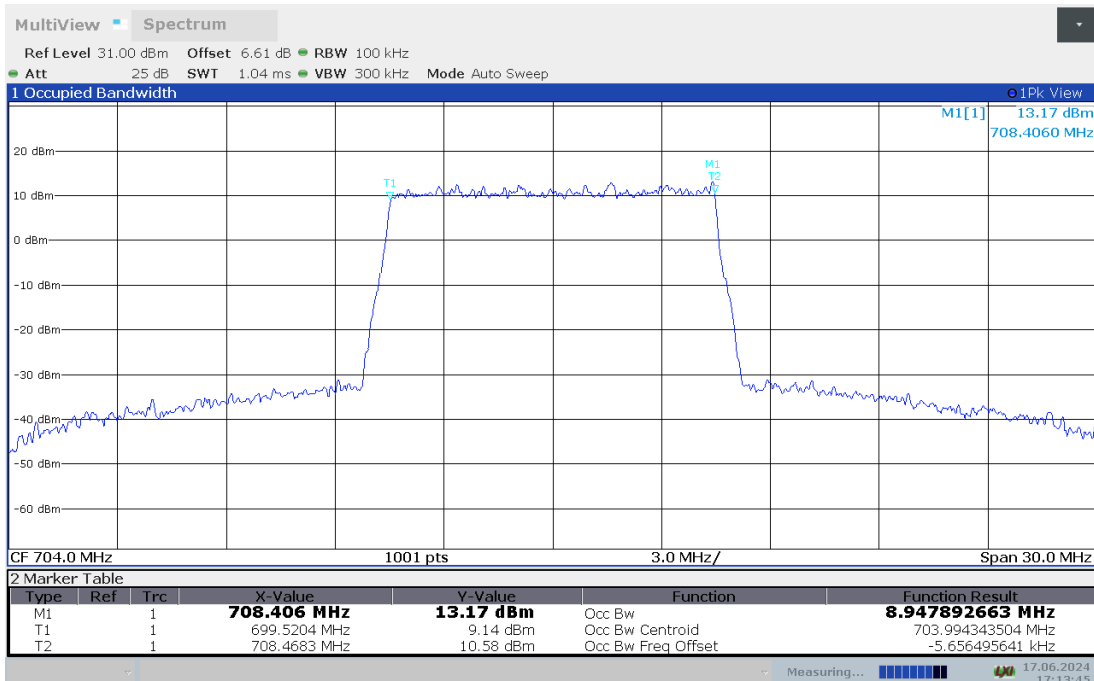




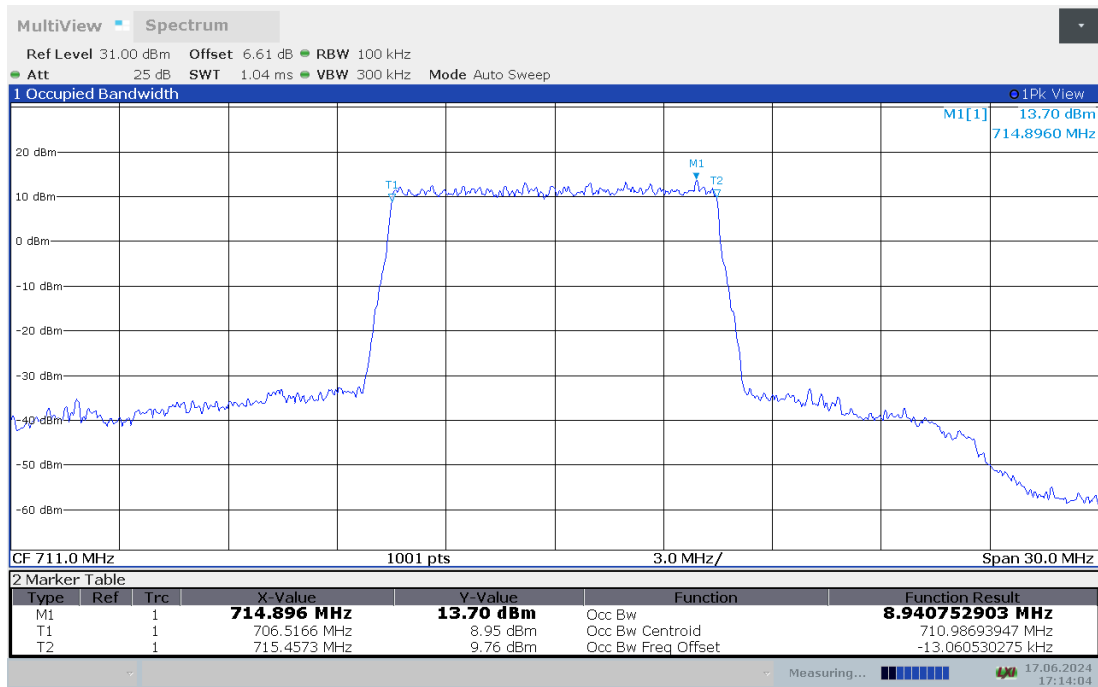
LTE band 12 , 10MHz Bandwidth,LOW,QPSK (99% BW)



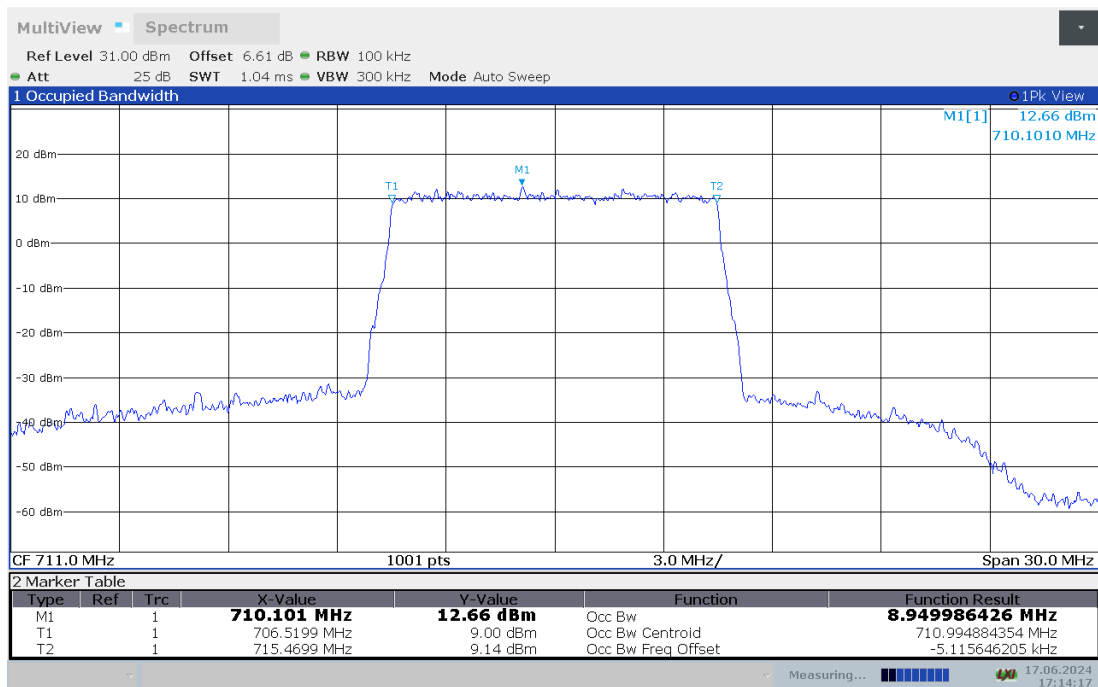
LTE band 12 , 10MHz Bandwidth,LOW,16QAM (99% BW)



LTE band 12 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



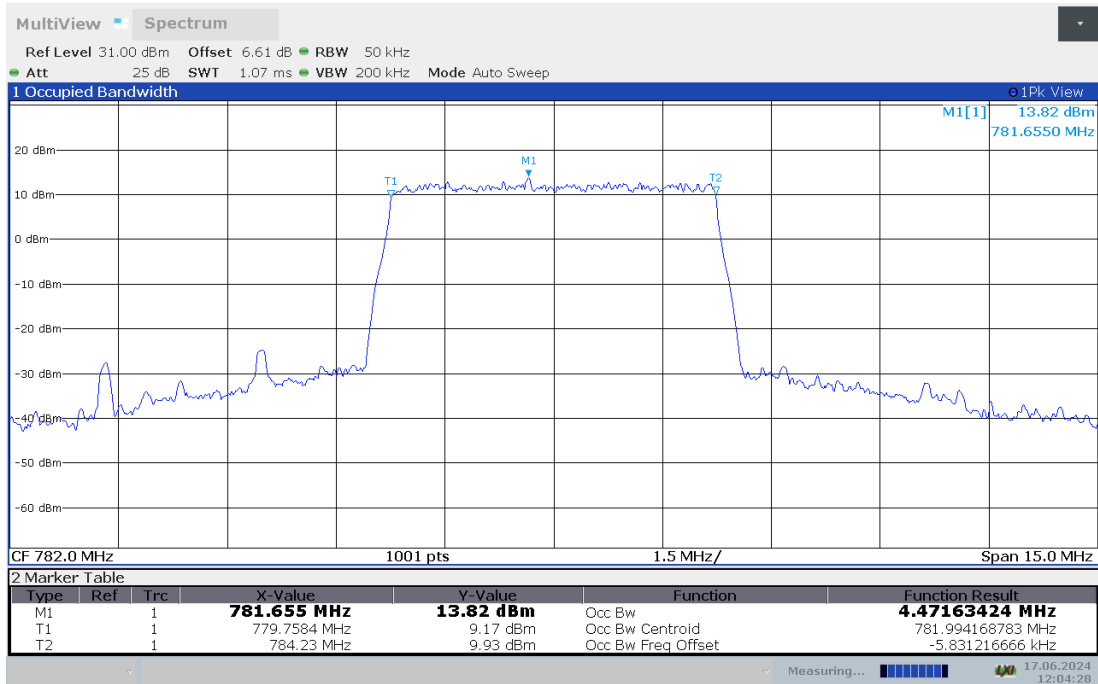
**LTE band 12 , 10MHz Bandwidth,HIGH,16QAM (99% BW)**



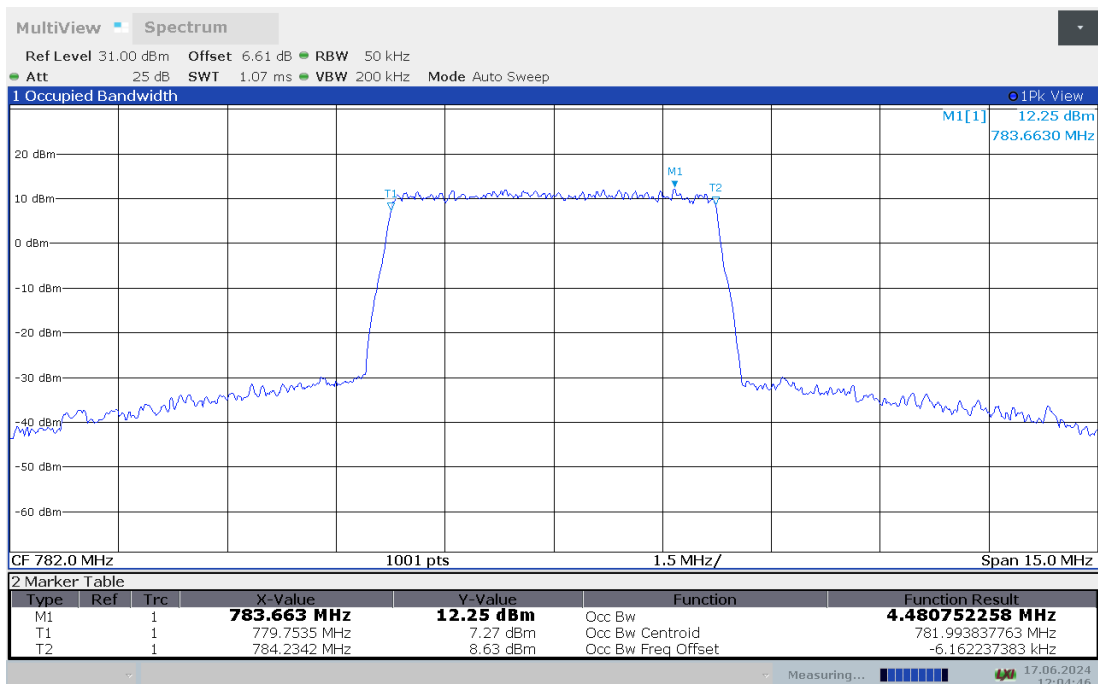
**LTE band 13,5MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
782	4.472	4.481
779.5	4.484	4.470
784.5	4.482	4.482

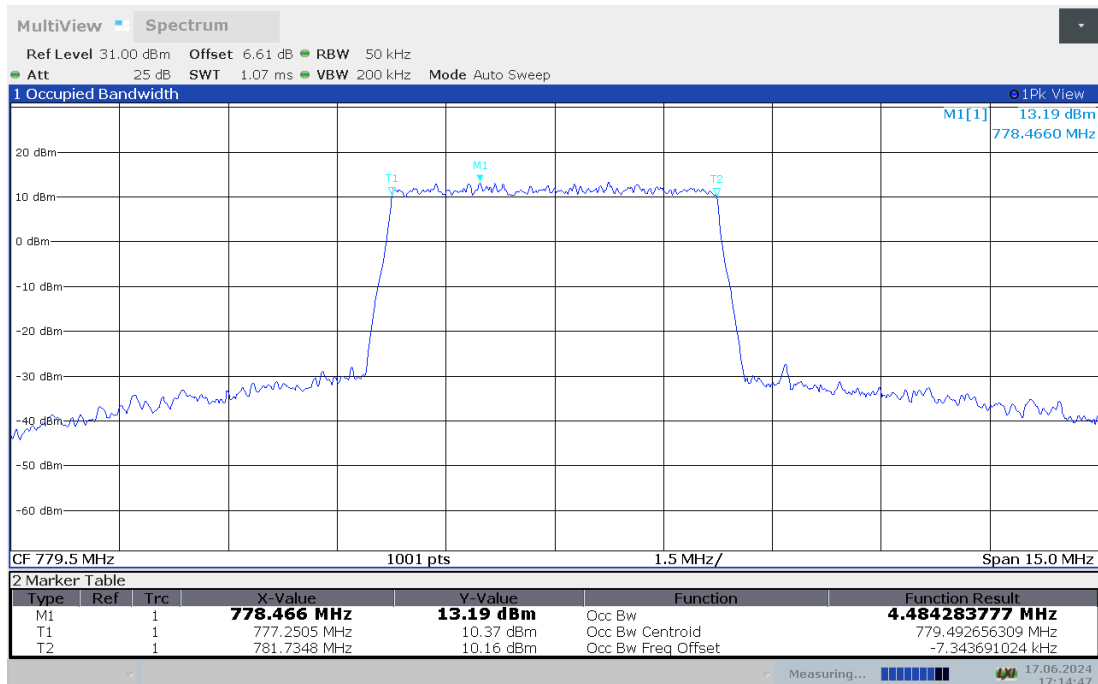
**LTE band 13 , 5MHz Bandwidth,MID,QPSK (99% BW)**



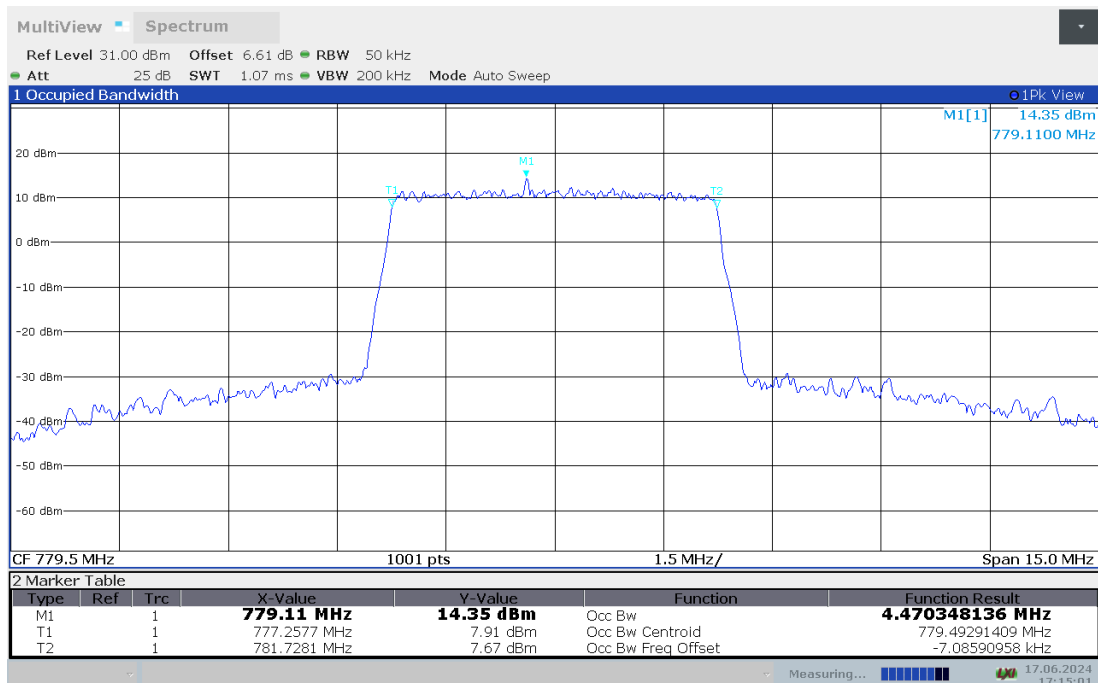
**LTE band 13 , 5MHz Bandwidth,MID,16QAM (99% BW)**



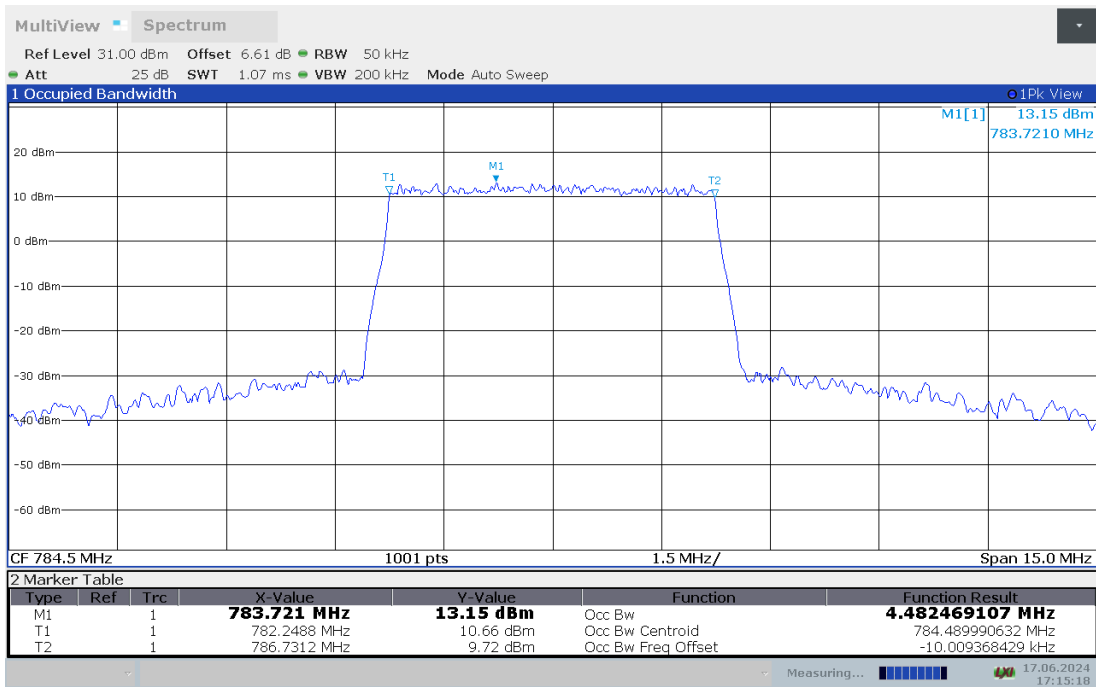
**LTE band 13 , 5MHz Bandwidth,LOW,QPSK (99% BW)**



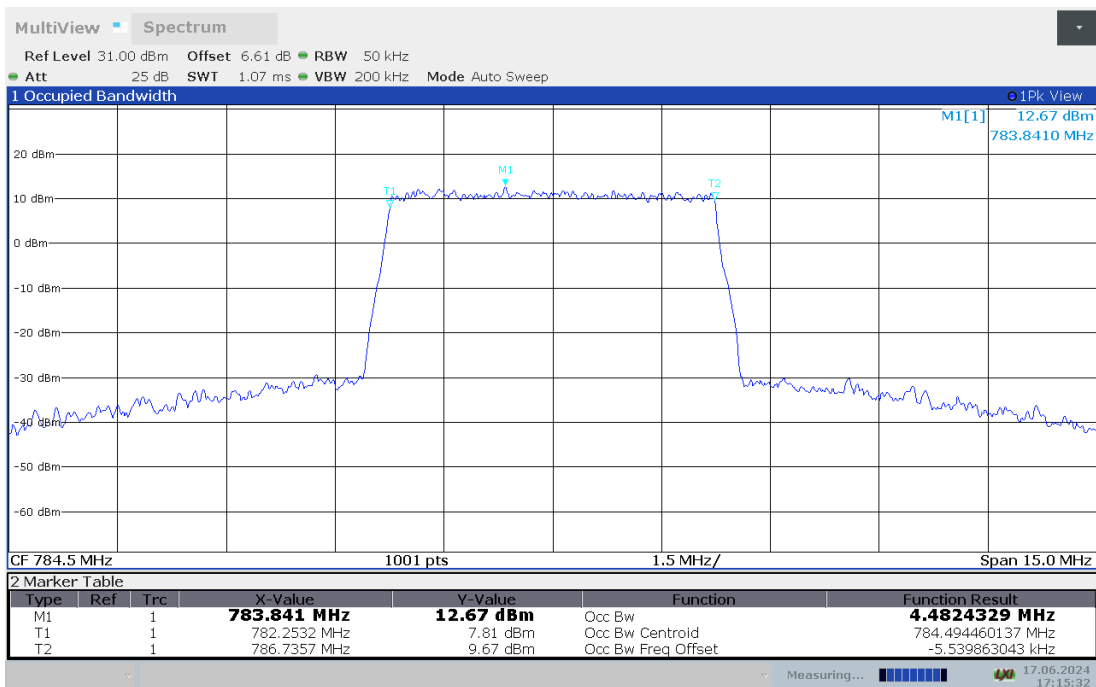
**LTE band 13 , 5MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 13 , 5MHz Bandwidth,HIGH,QPSK (99% BW)**



**LTE band 13 , 5MHz Bandwidth,HIGH,16QAM (99% BW)**

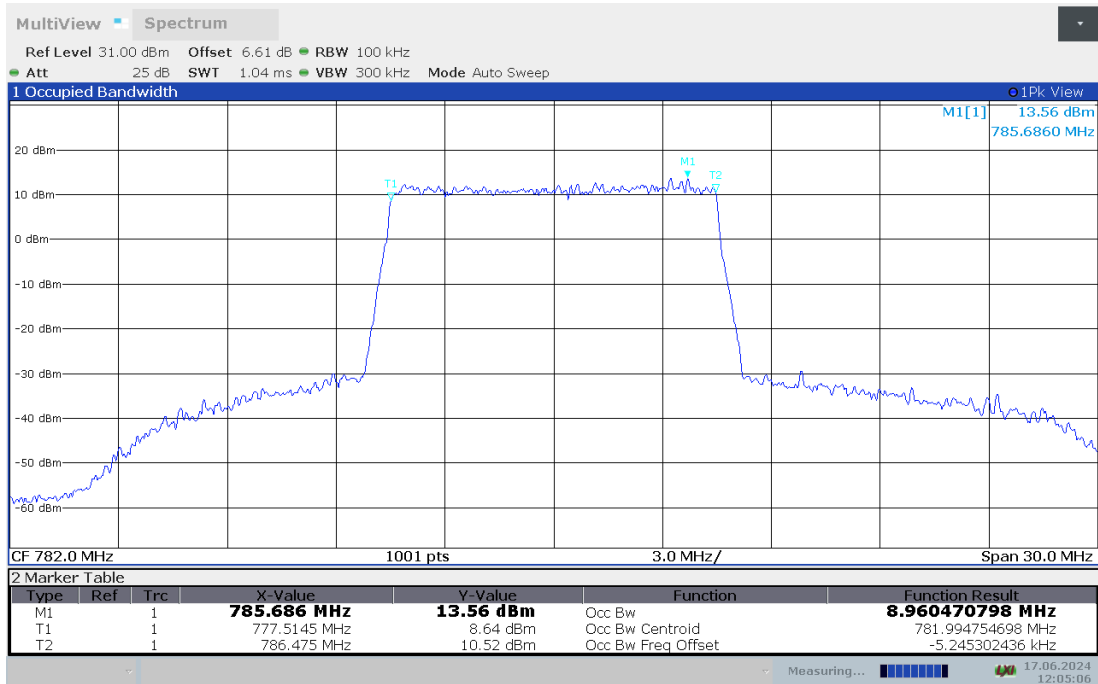




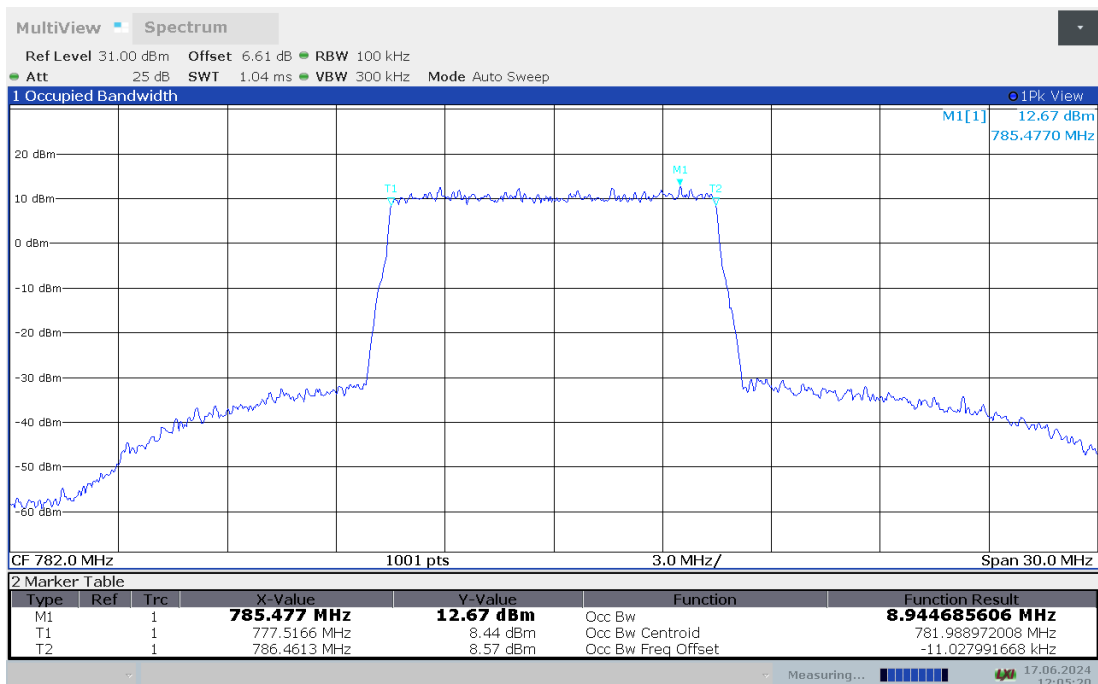
**LTE band 13,10MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
782	8.960	8.945
782	8.971	8.950
782	8.972	8.949

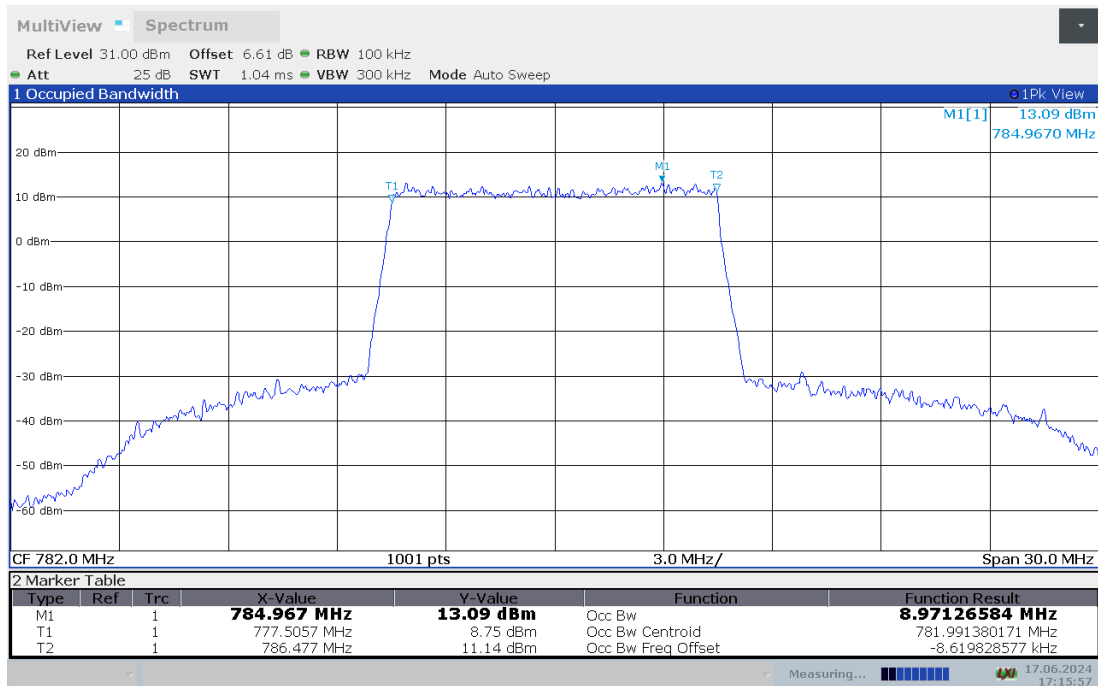
**LTE band 13 , 10MHz Bandwidth,MID,QPSK (99% BW)**



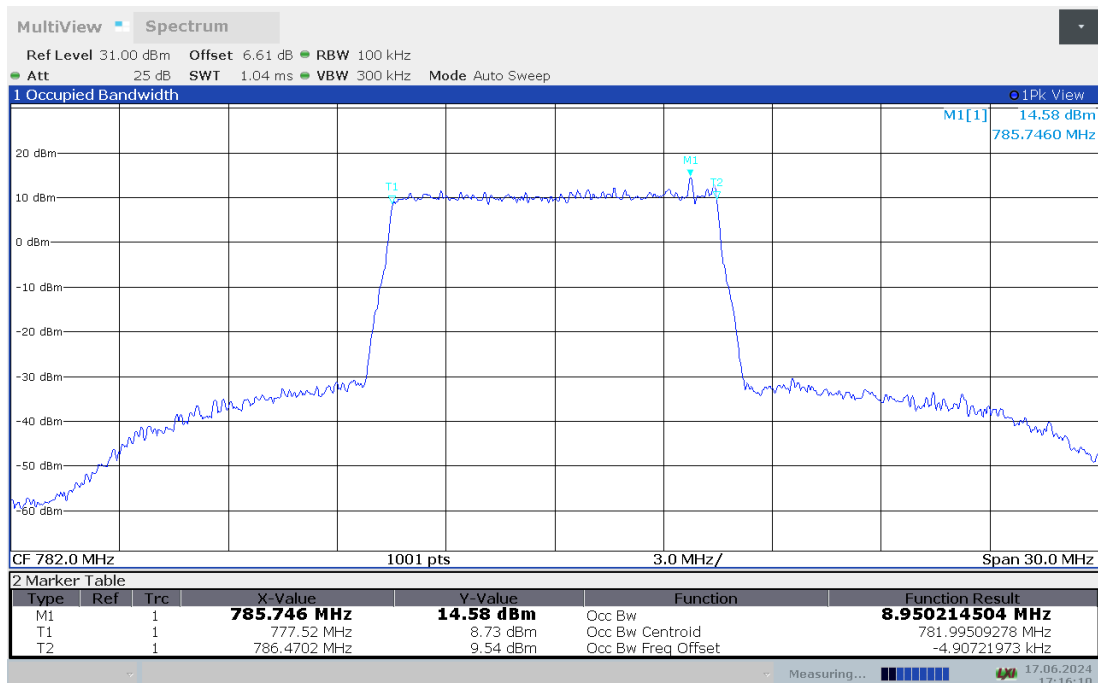
**LTE band 13 , 10MHz Bandwidth,MID,16QAM (99% BW)**



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

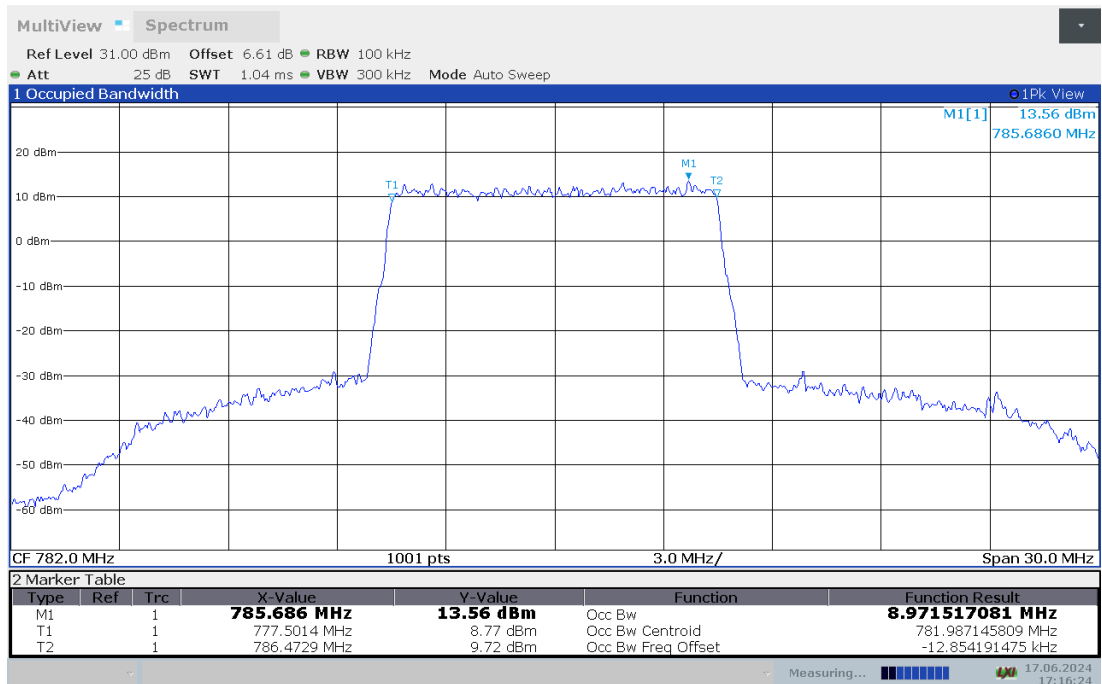


**LTE band 13 , 10MHz Bandwidth,LOW,16QAM (99% BW)**

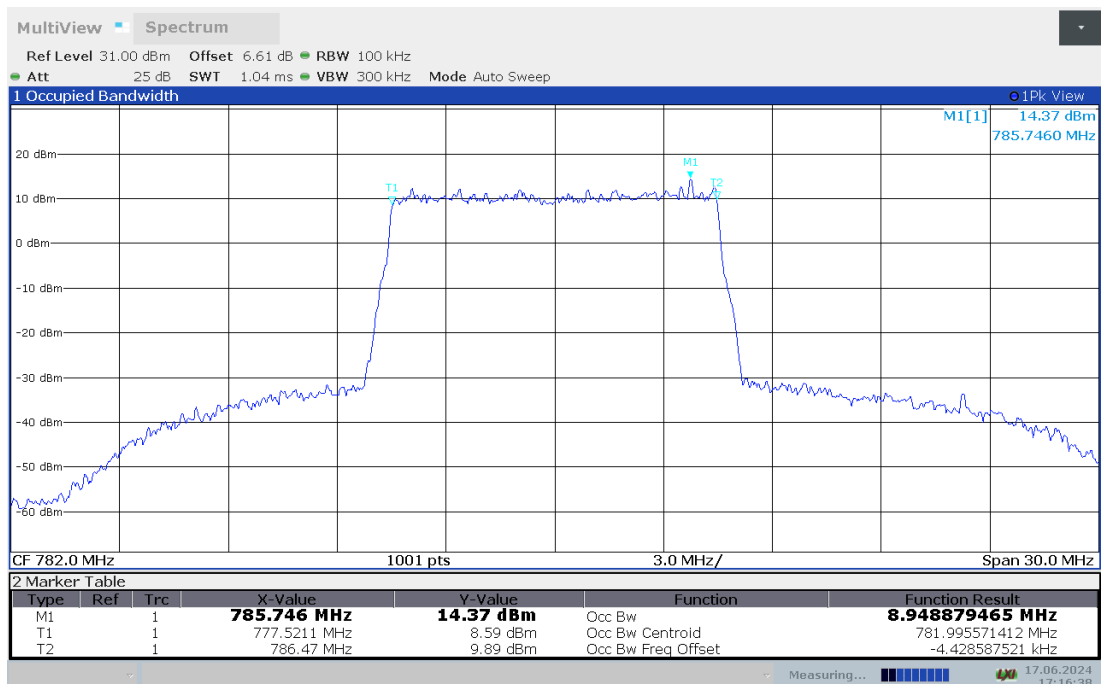


**LTE band 13 , 10MHz Bandwidth,HIGH,QPSK (99% BW)**





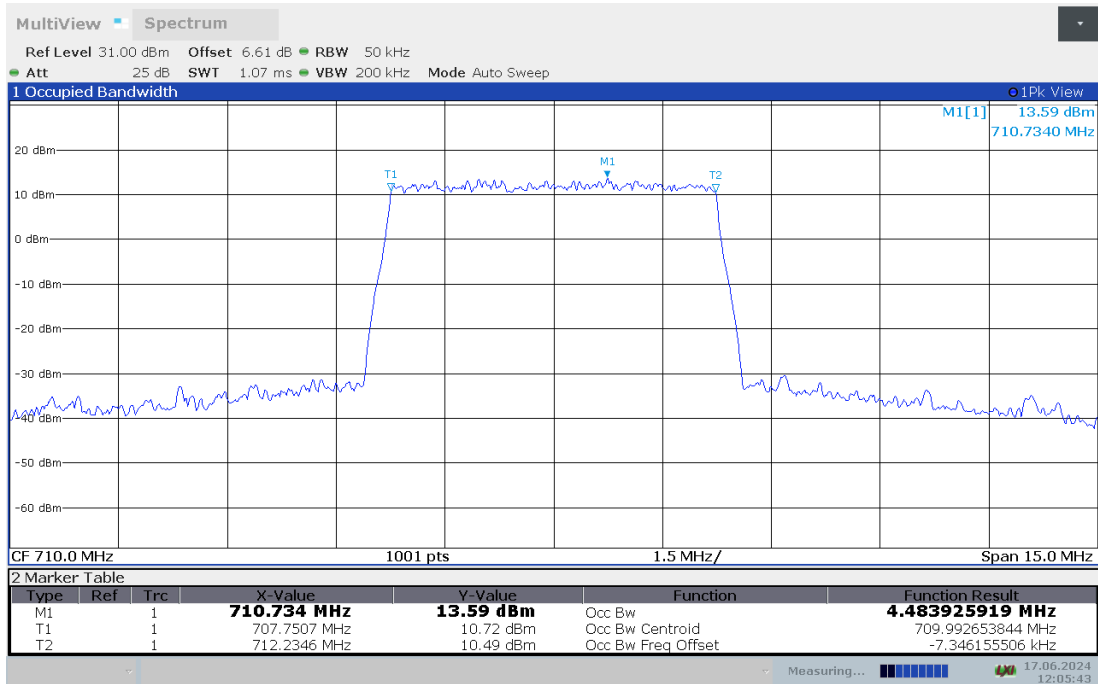
LTE band 13 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



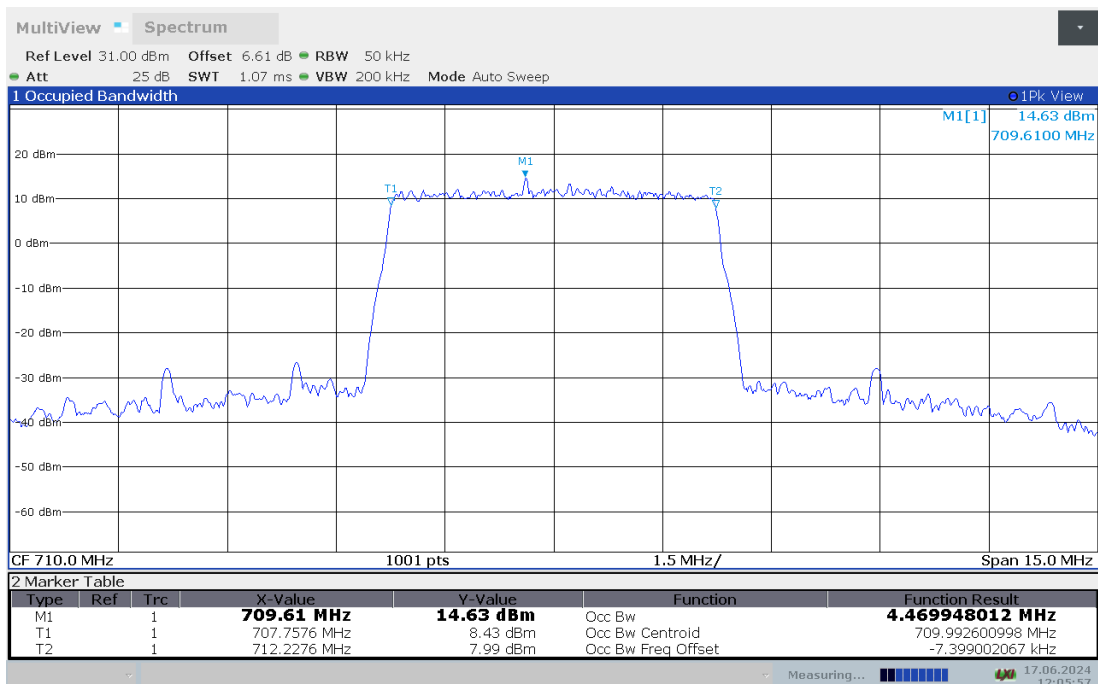
**LTE band 17,5MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
710	4.484	4.470
706.5	4.469	4.480
713.5	4.481	4.468

**LTE band 17 , 5MHz Bandwidth,MID,QPSK (99% BW)**

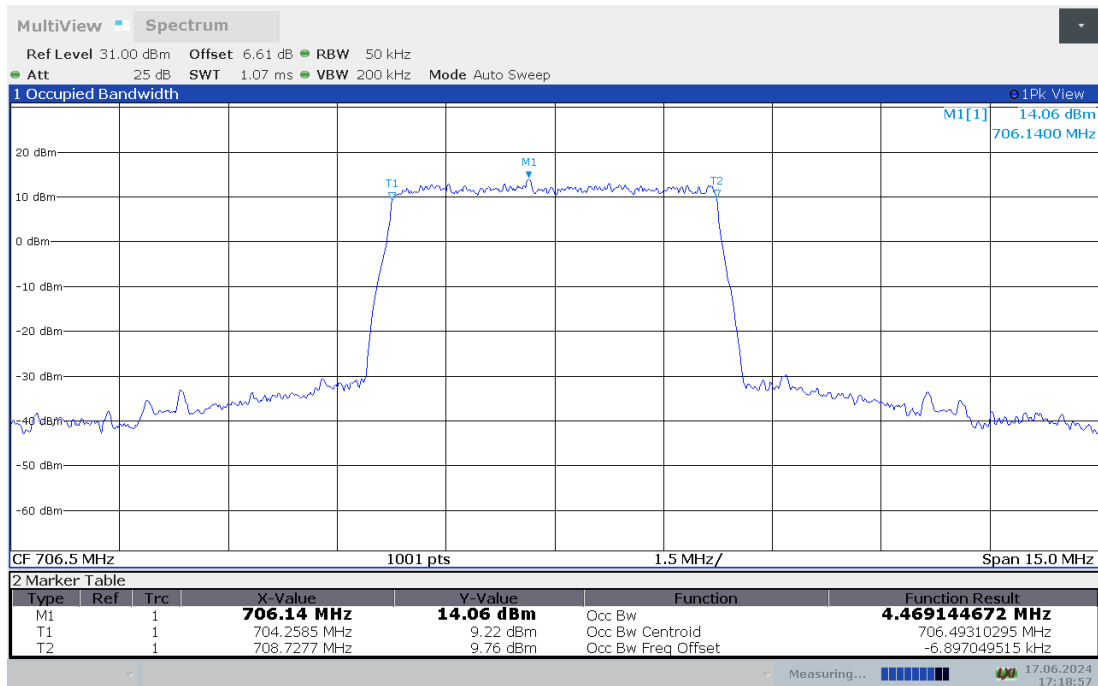


**LTE band 17 , 5MHz Bandwidth,MID,16QAM (99% BW)**

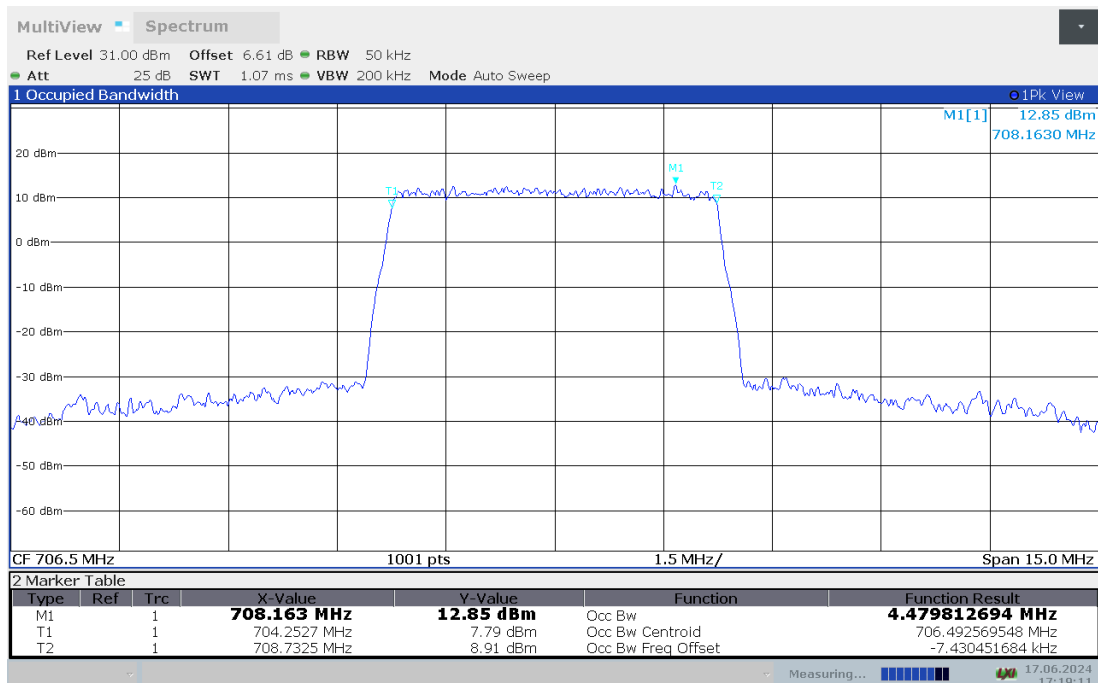




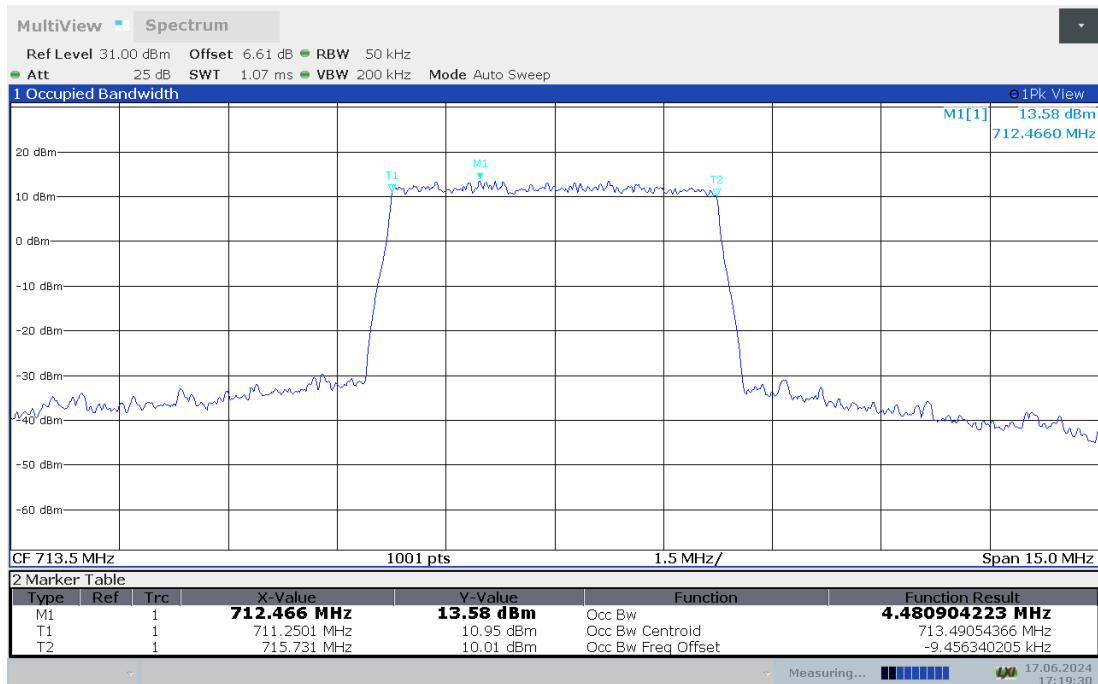
### LTE band 17 , 5MHz Bandwidth,LOW,QPSK (99% BW)



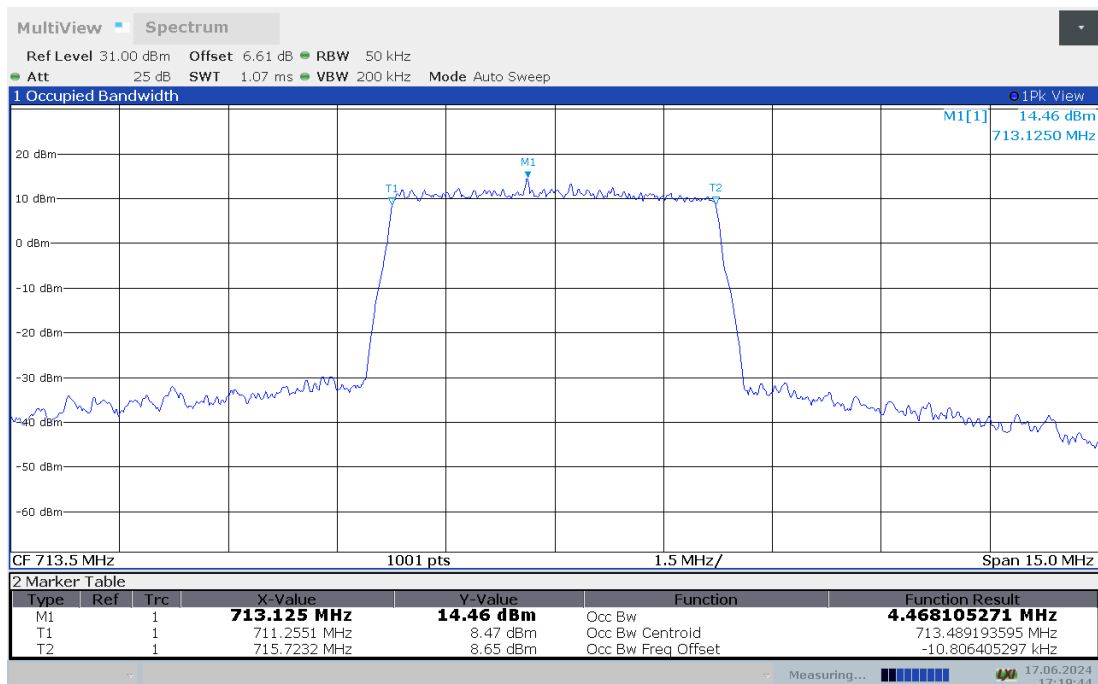
### LTE band 17 , 5MHz Bandwidth,LOW,16QAM (99% BW)



### LTE band 17 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



**LTE band 17 , 5MHz Bandwidth,HIGH,16QAM (99% BW)**

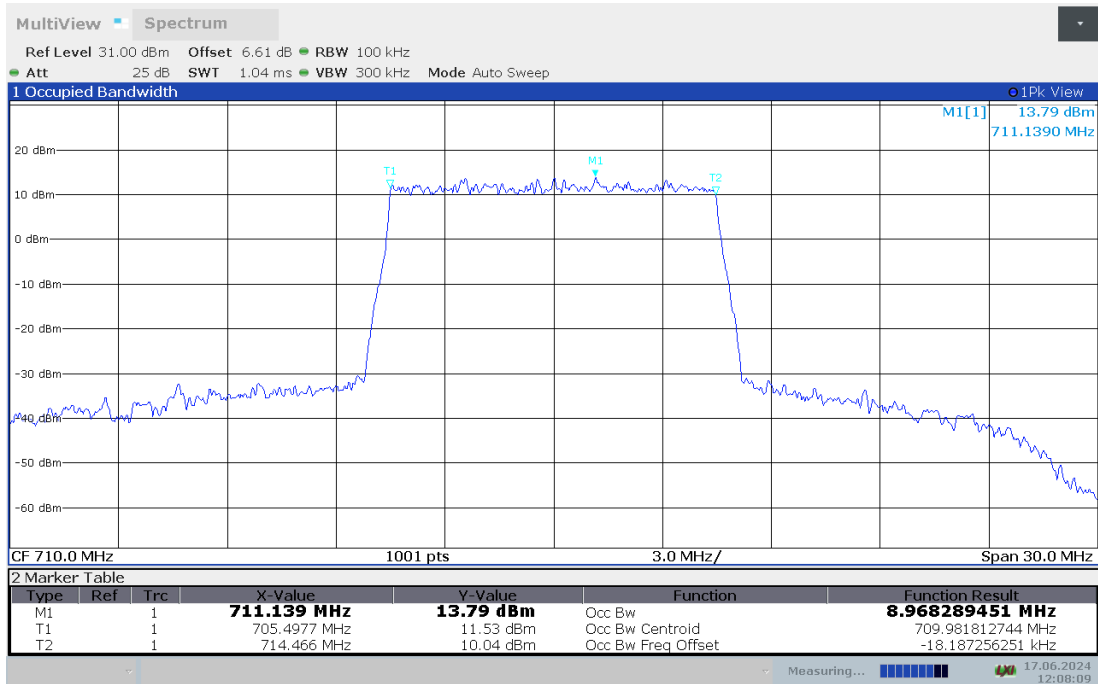




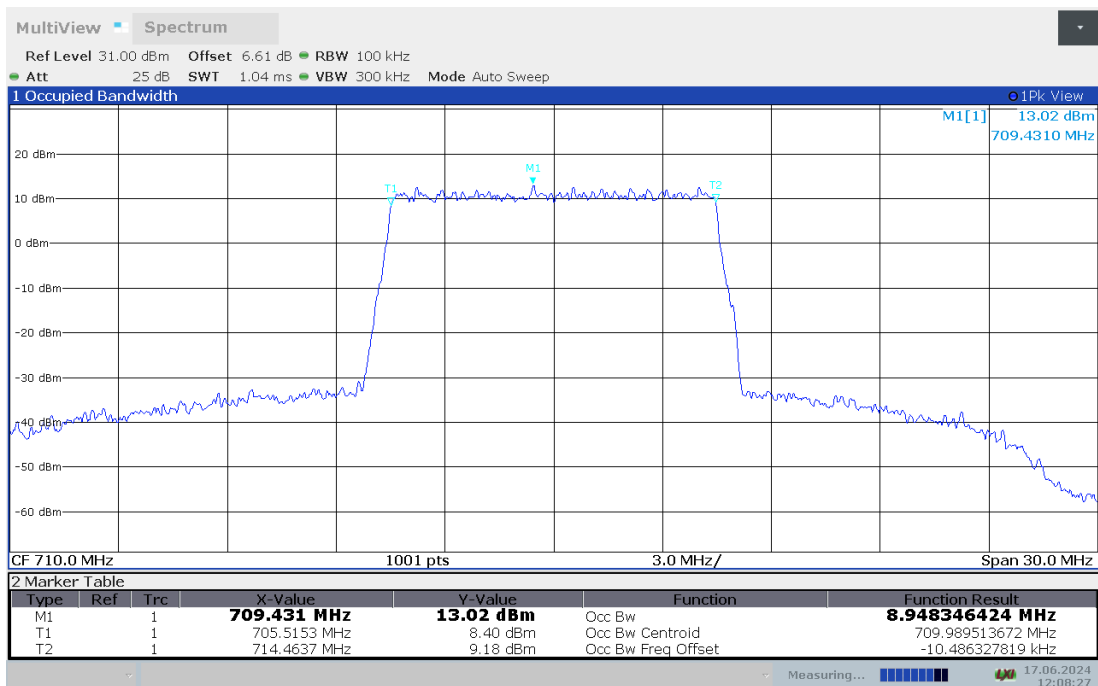
**LTE band 17,10MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
710	8.968	8.948
709	8.958	8.967
711	8.962	8.939

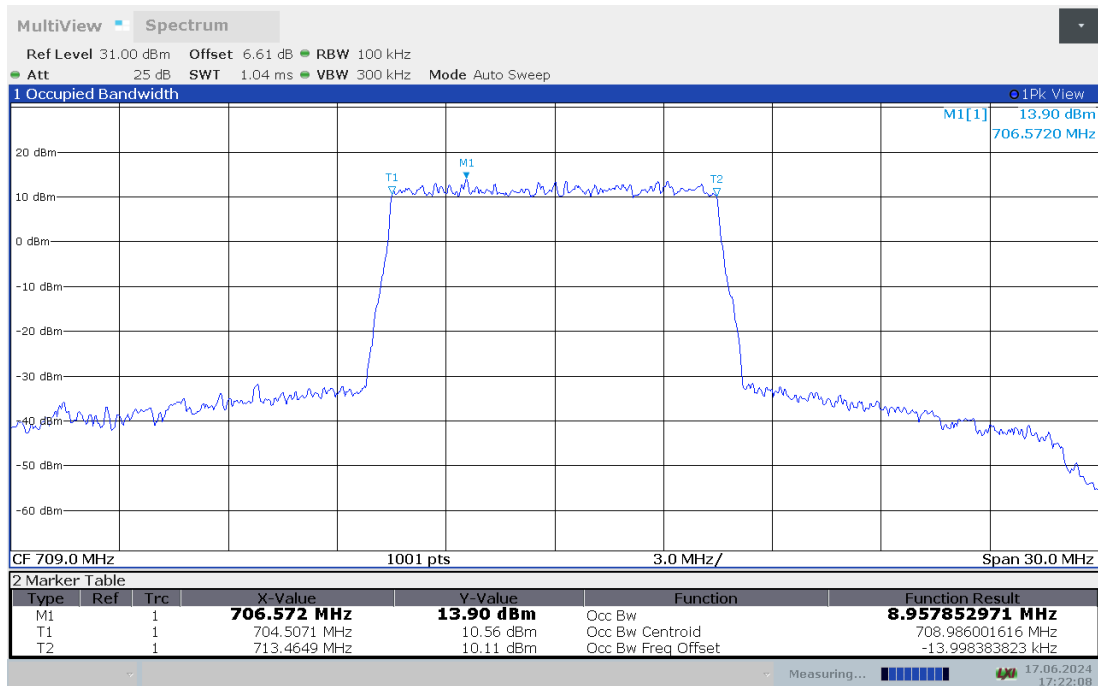
**LTE band 17 , 10MHz Bandwidth,MID,QPSK (99% BW)**



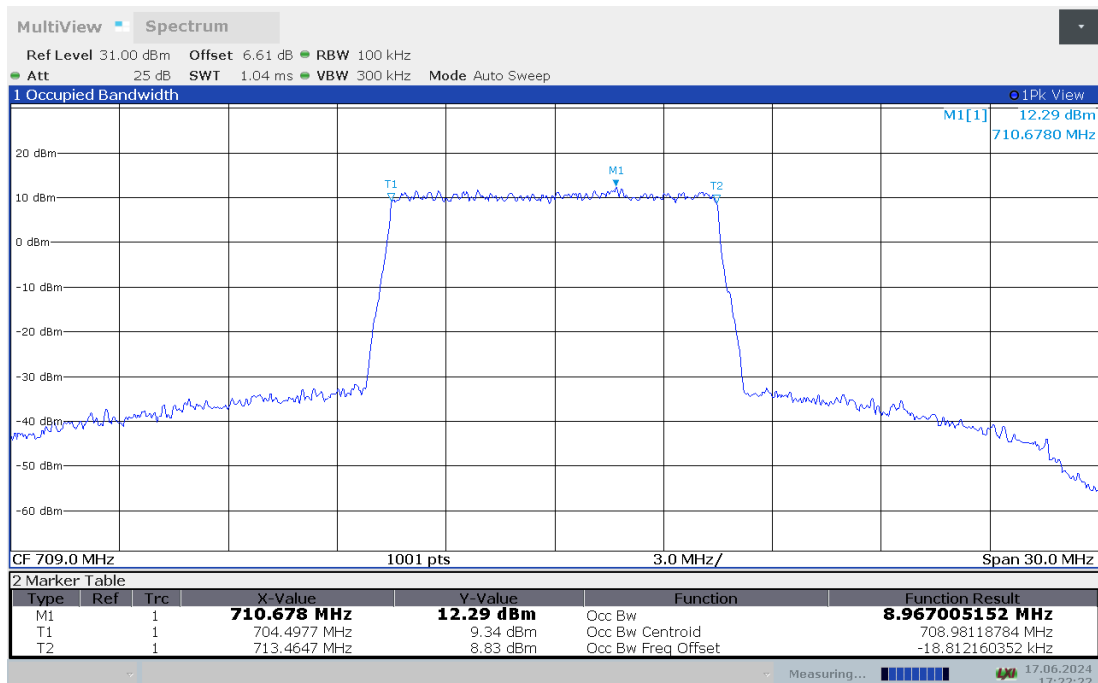
**LTE band 17 , 10MHz Bandwidth,MID,16QAM (99% BW)**



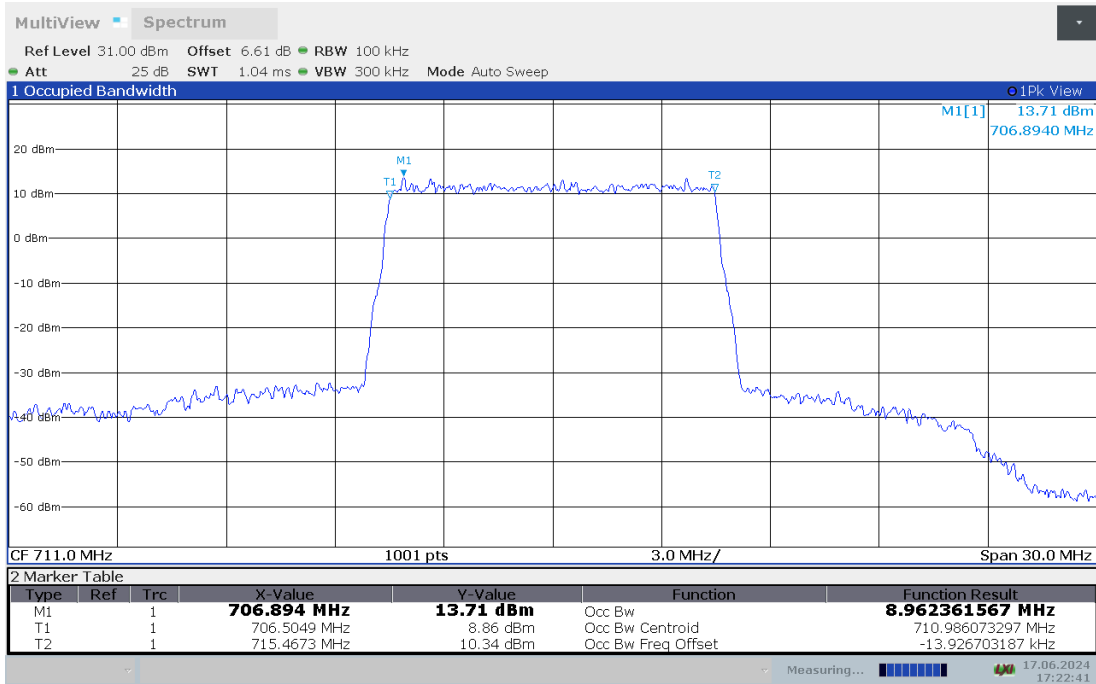
**LTE band 17 , 10MHz Bandwidth,LOW,QPSK (99% BW)**



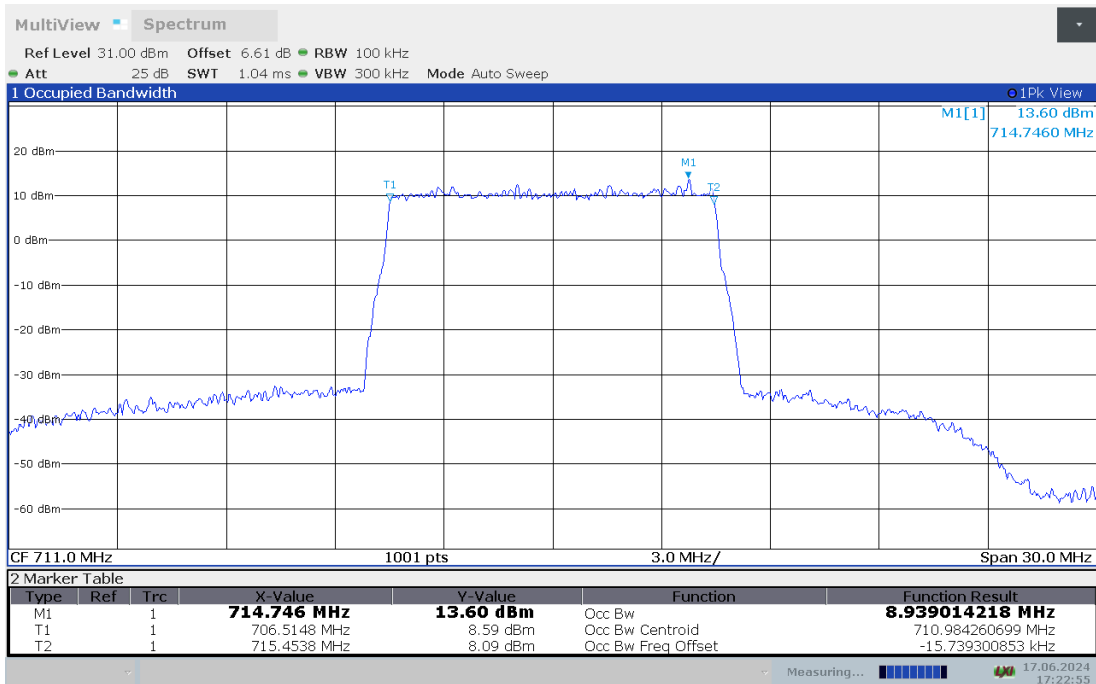
**LTE band 17 , 10MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 17 , 10MHz Bandwidth,HIGH,QPSK (99% BW)**



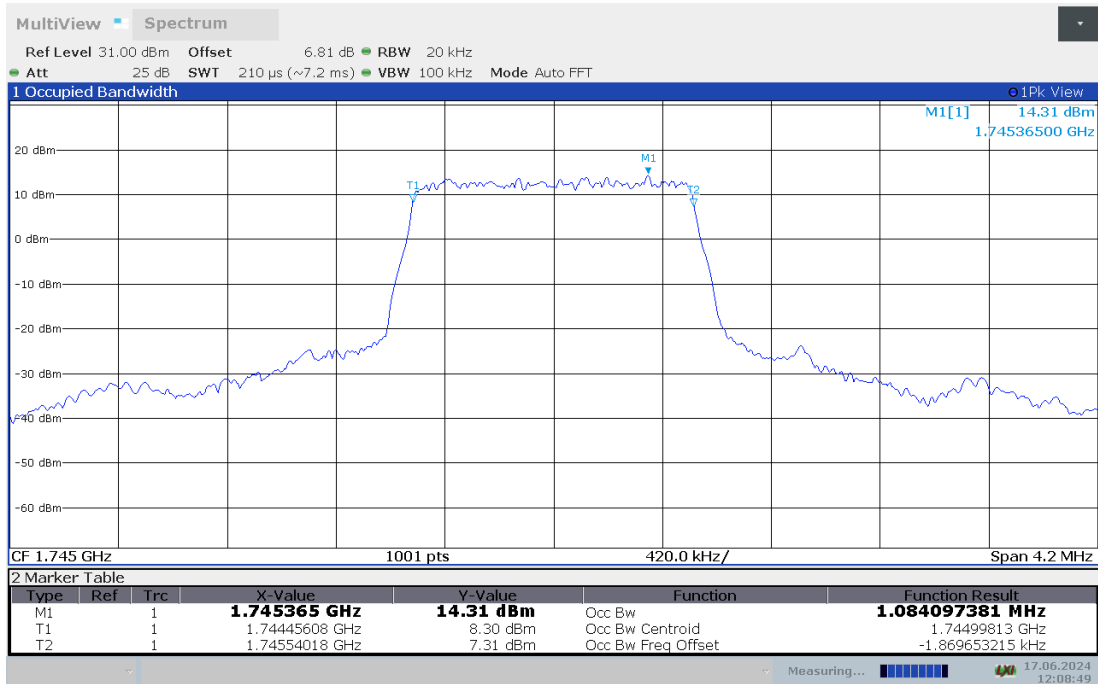
**LTE band 17 , 10MHz Bandwidth,HIGH,16QAM (99% BW)**



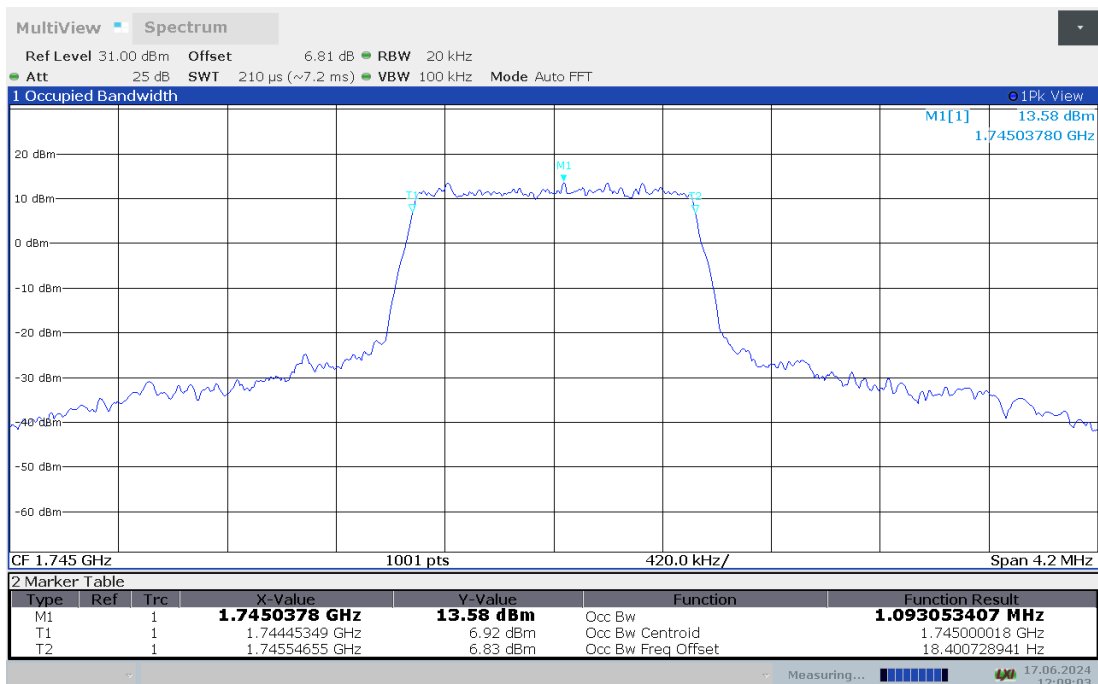
**LTE band 66,1.4MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1745	1.084	1.093
1710.7	1.084	1.093
1779.3	1.085	1.093

**LTE band 66 , 1.4MHz Bandwidth,MID,QPSK (99% BW)**

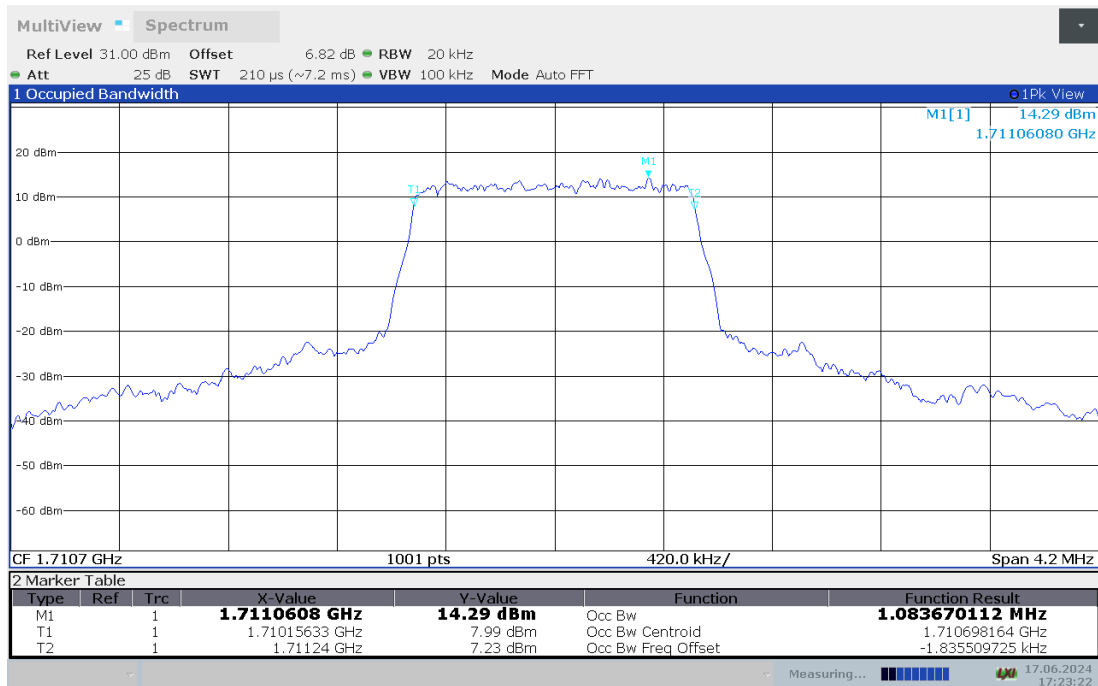


**LTE band 66 , 1.4MHz Bandwidth,MID,16QAM (99% BW)**

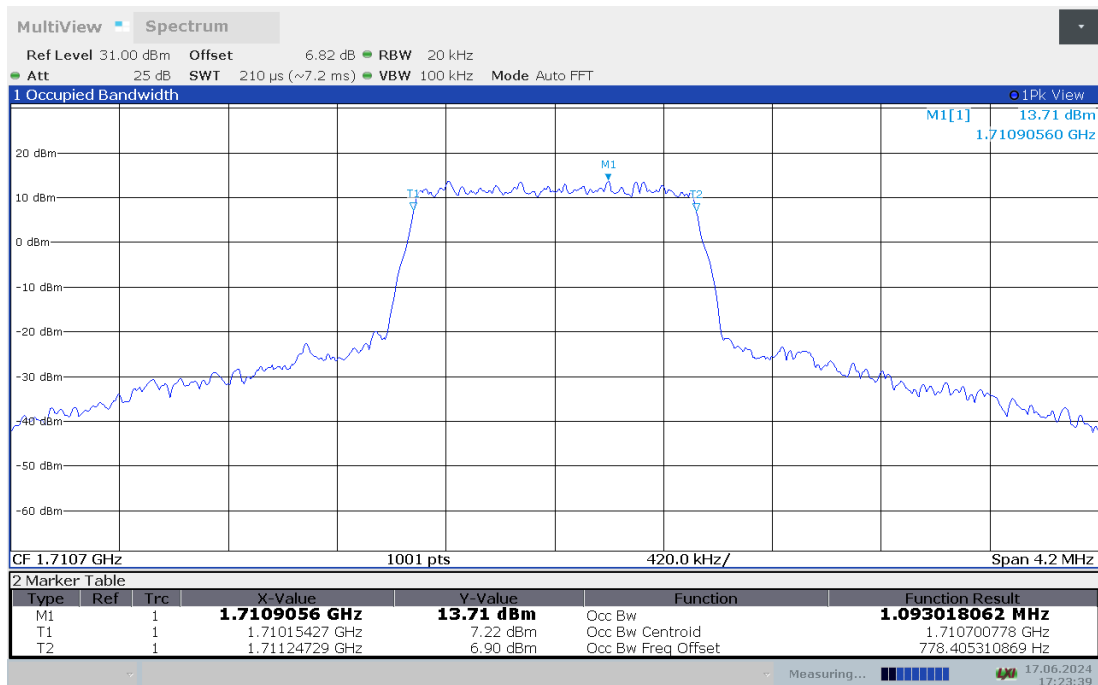




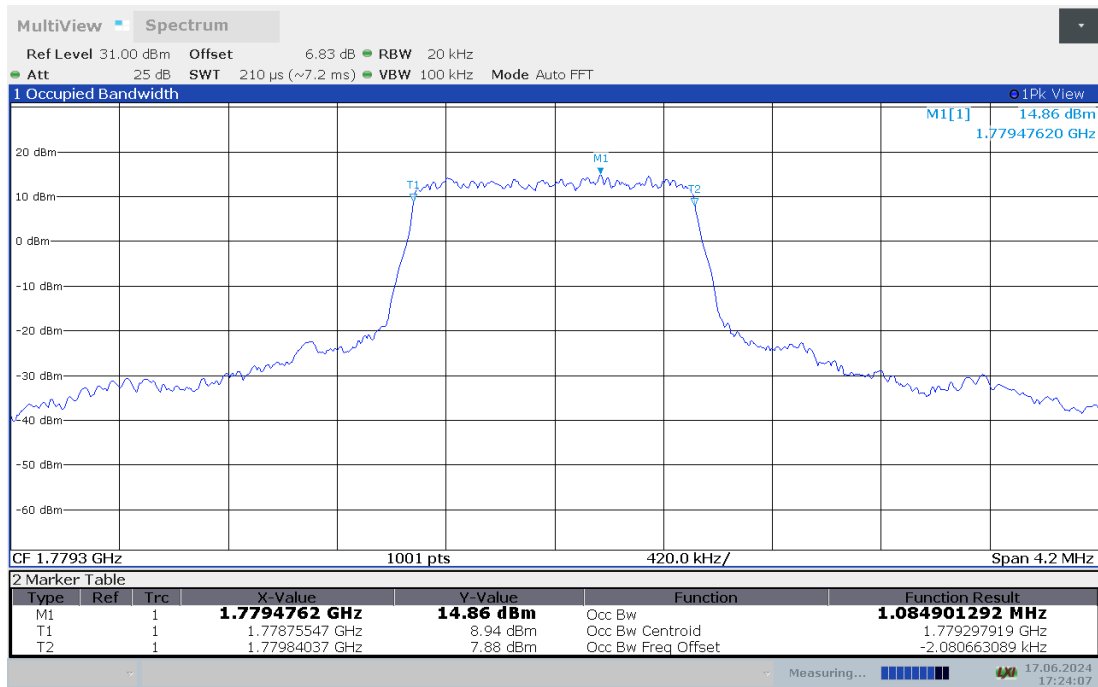
**LTE band 66 , 1.4MHz Bandwidth,LOW,QPSK (99% BW)**



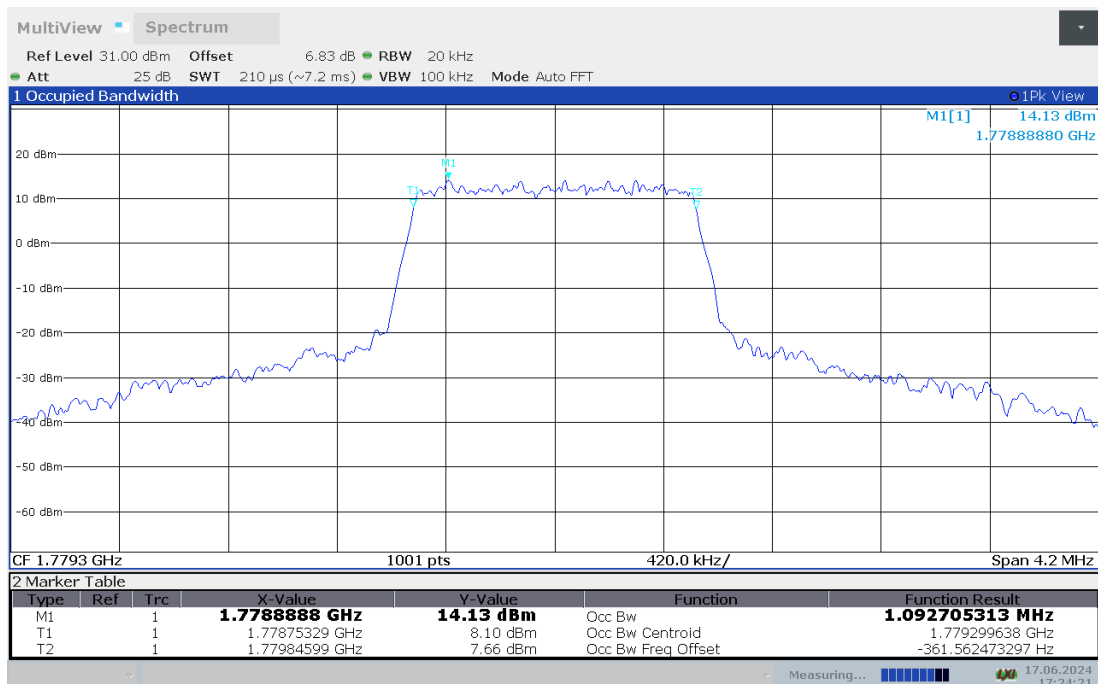
**LTE band 66 , 1.4MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 66 , 1.4MHz Bandwidth,HIGH,QPSK (99% BW)**



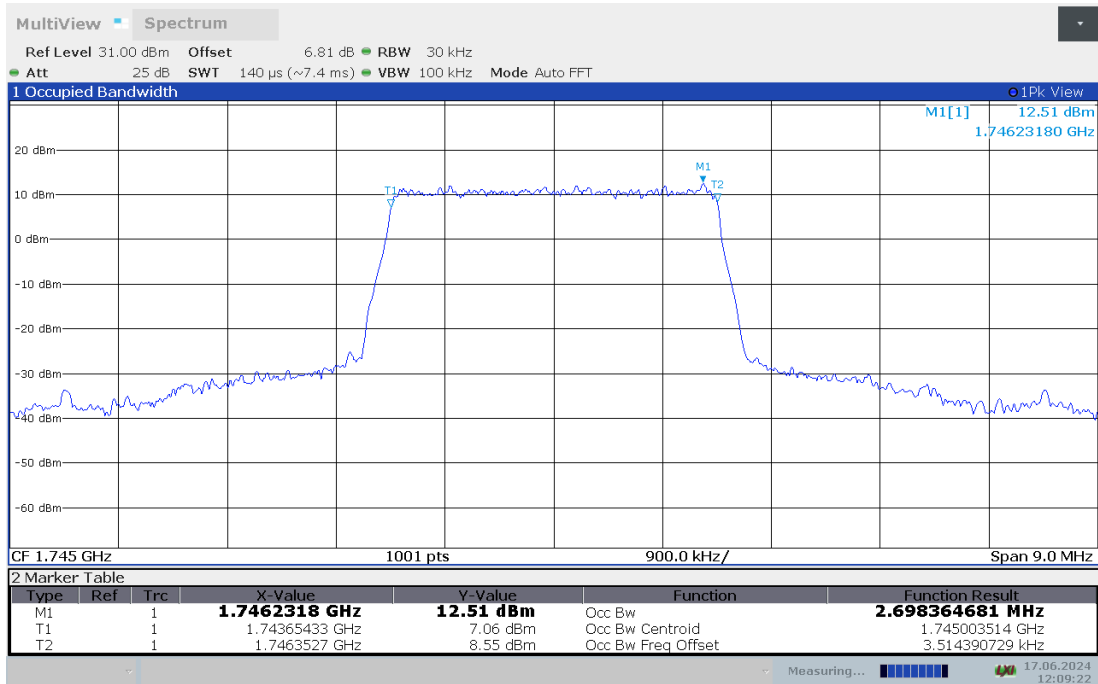
**LTE band 66 , 1.4MHz Bandwidth,HIGH,16QAM (99% BW)**



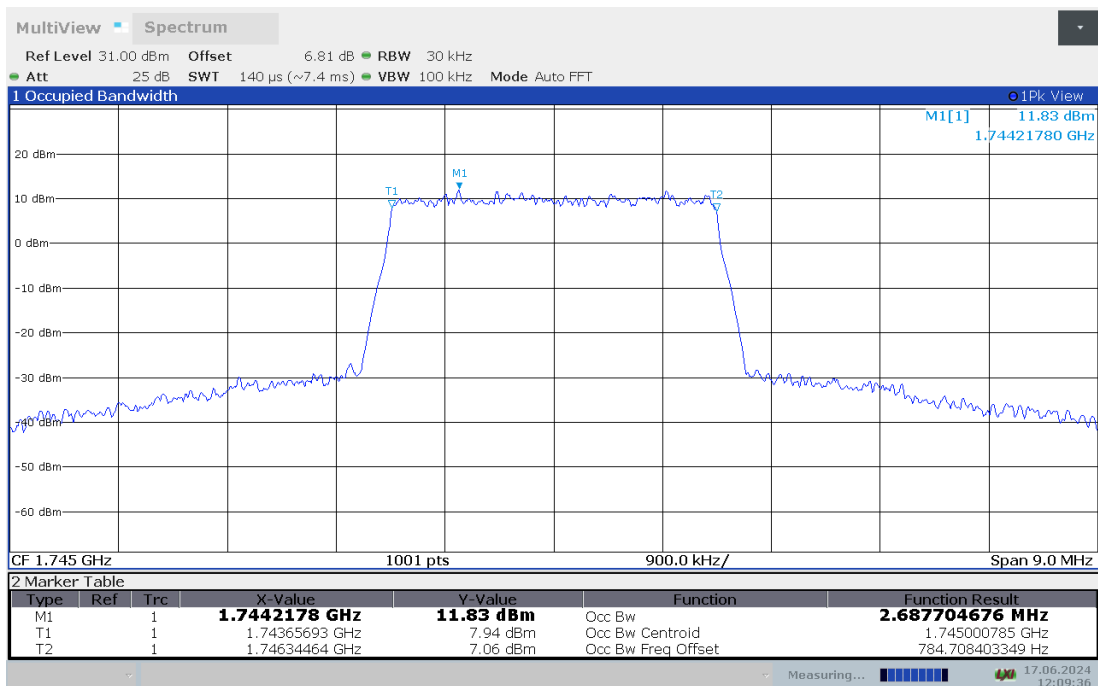
**LTE band 66,3MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1745	2.698	2.688
1711.5	2.699	2.697
1778.5	2.698	2.690

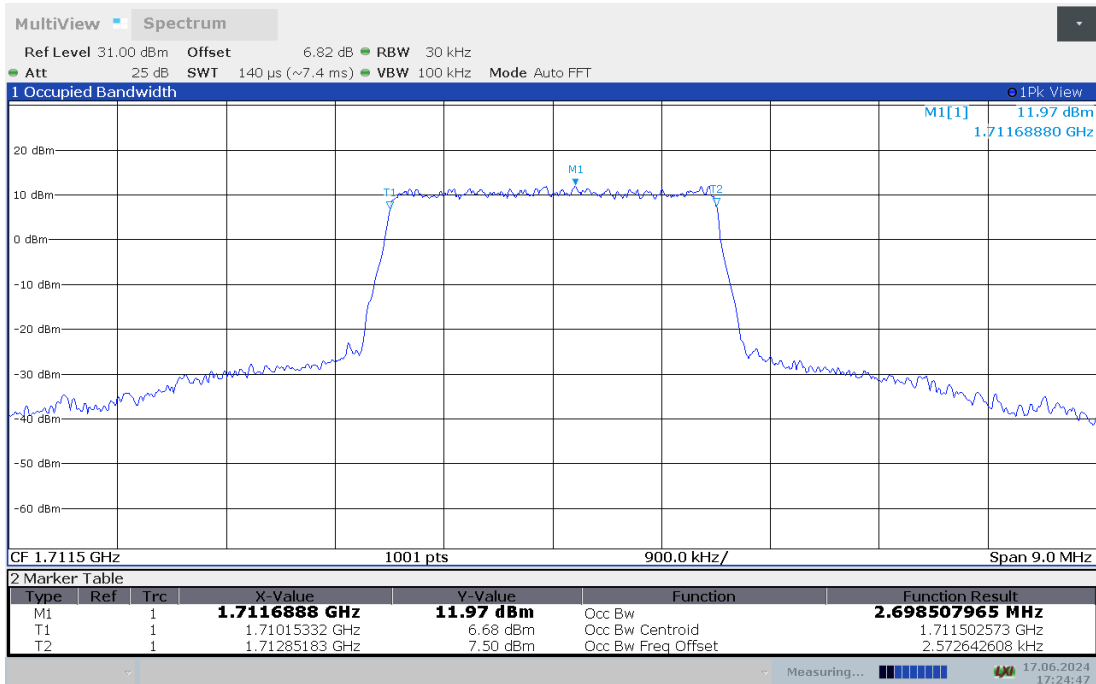
**LTE band 66 , 3MHz Bandwidth,MID,QPSK (99% BW)**



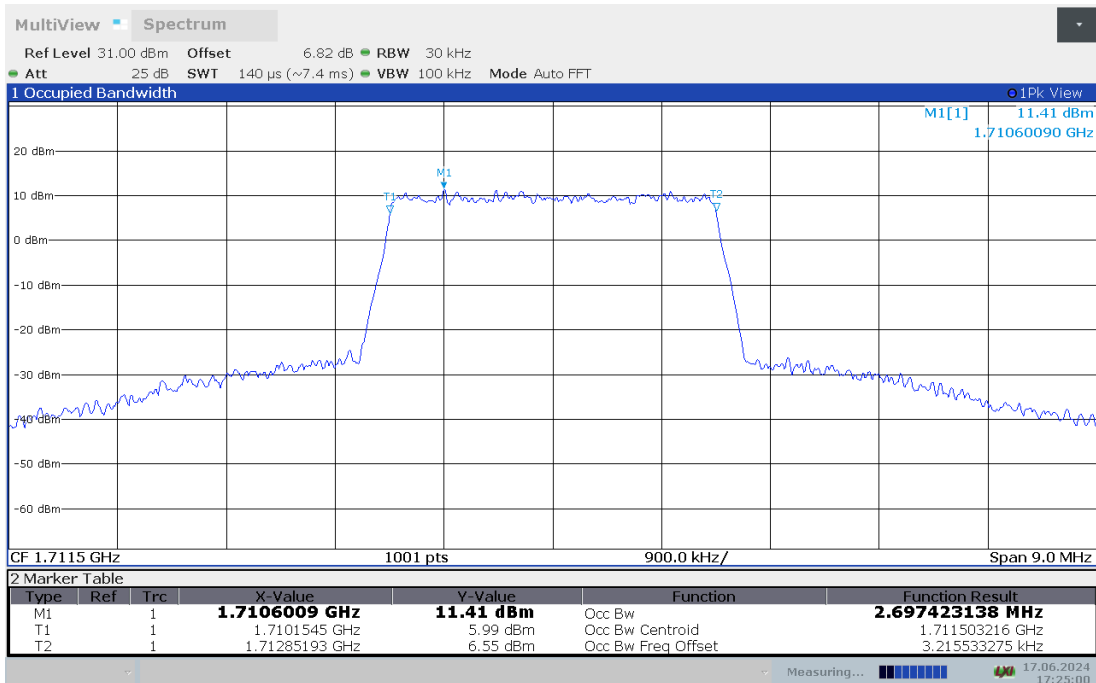
**LTE band 66 , 3MHz Bandwidth,MID,16QAM (99% BW)**



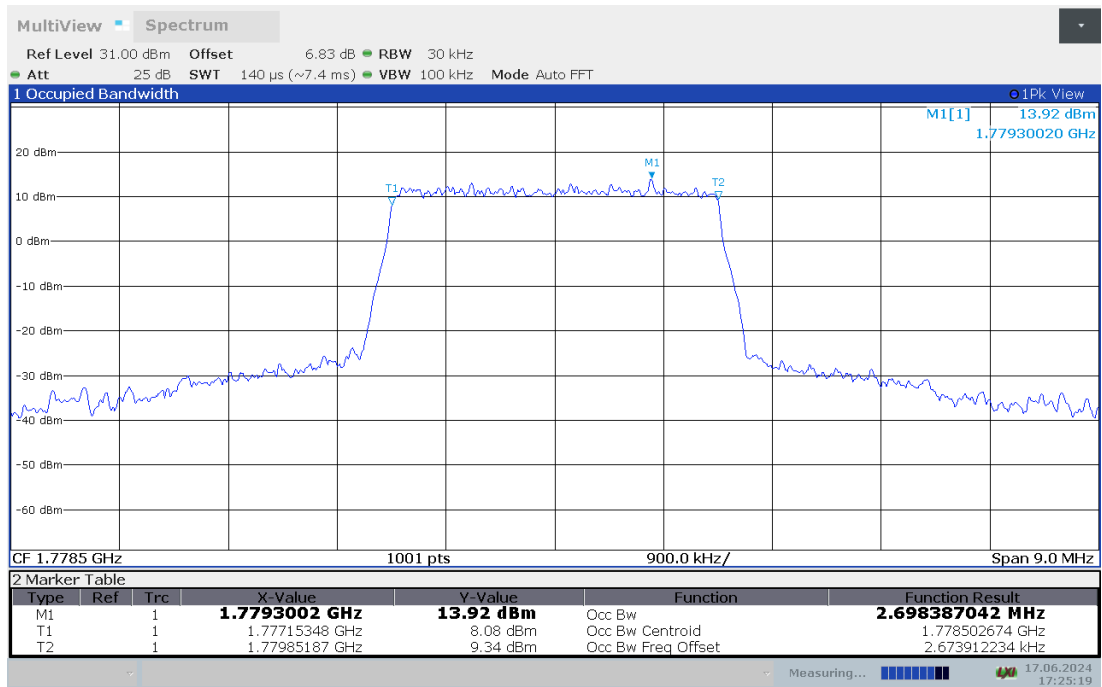
**LTE band 66 , 3MHz Bandwidth,LOW,QPSK (99% BW)**



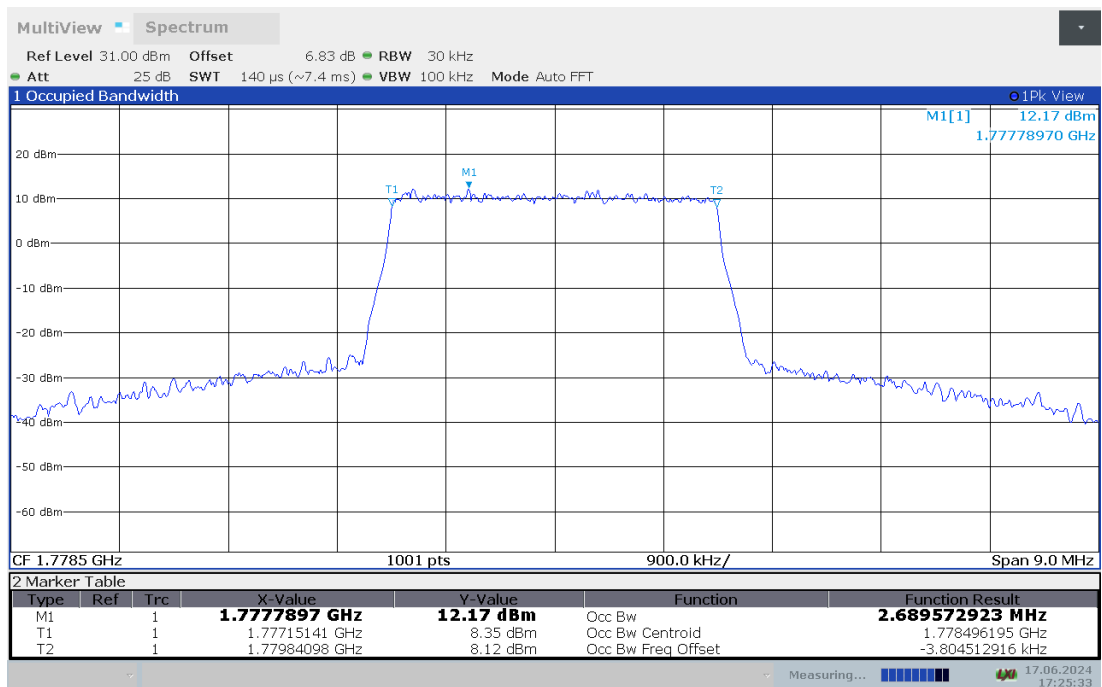
**LTE band 66 , 3MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 66 , 3MHz Bandwidth,HIGH,QPSK (99% BW)**



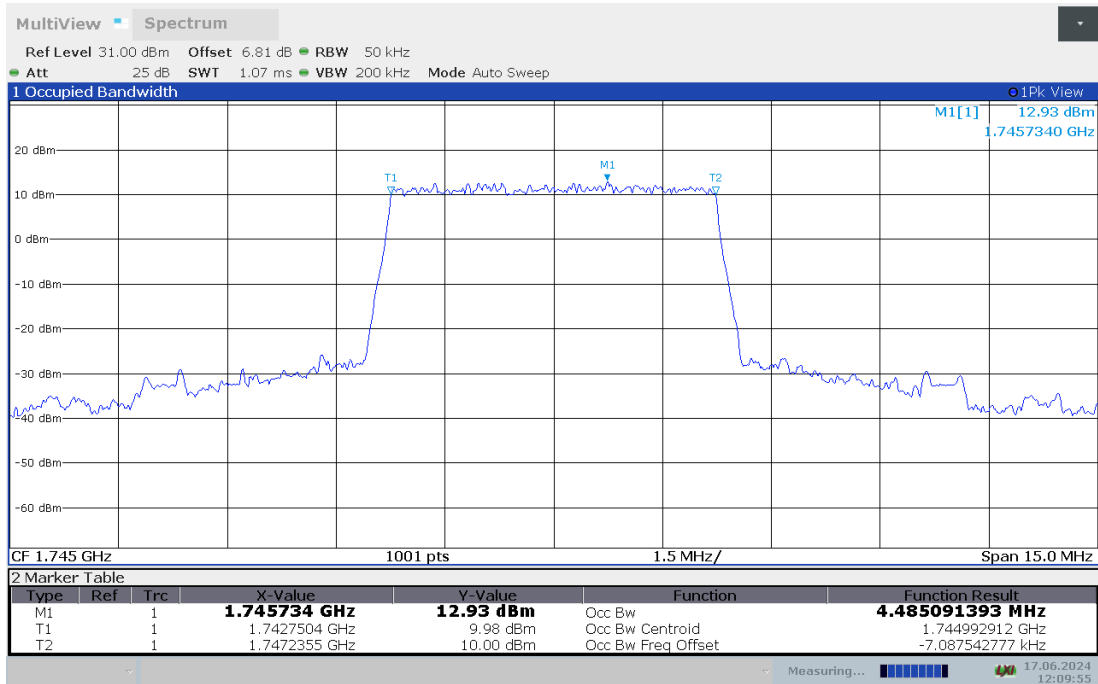
**LTE band 66 , 3MHz Bandwidth,HIGH,16QAM (99% BW)**



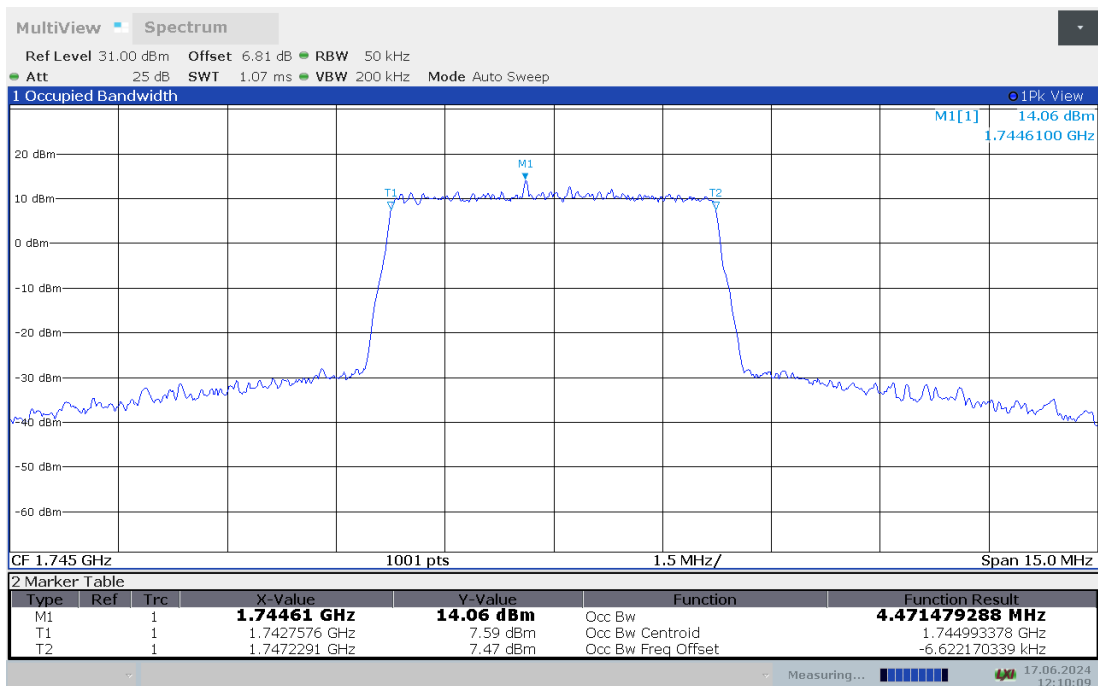
**LTE band 66,5MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1745	4.485	4.471
1712.5	4.485	4.470
1777.5	4.484	4.488

**LTE band 66 , 5MHz Bandwidth,MID,QPSK (99% BW)**

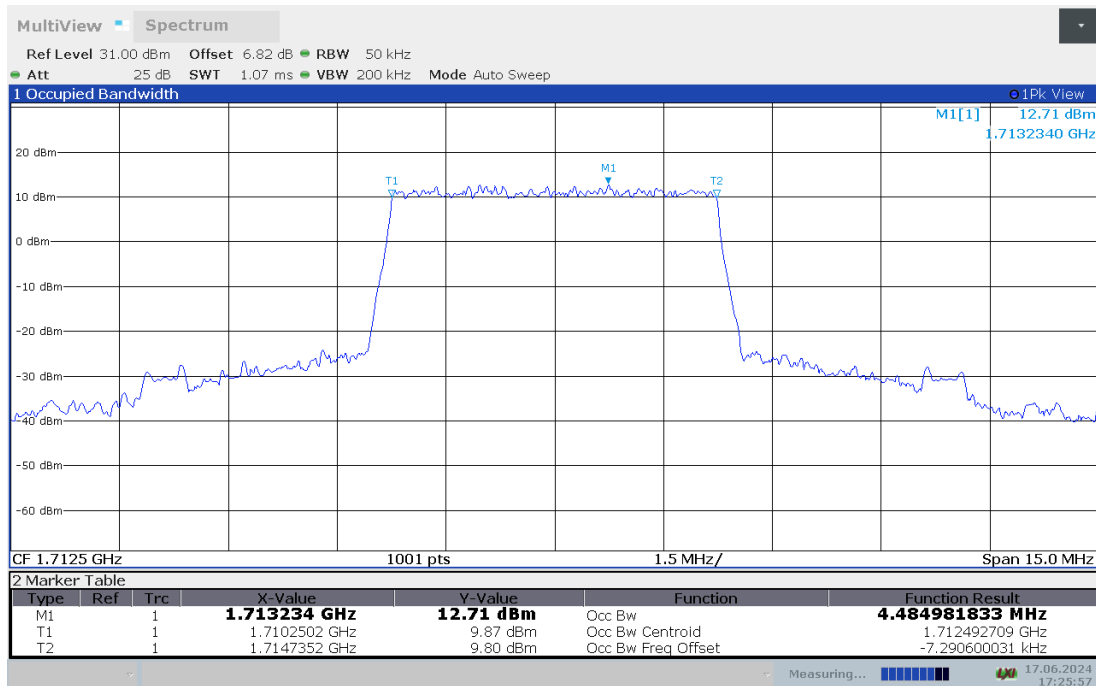


**LTE band 66 , 5MHz Bandwidth,MID,16QAM (99% BW)**

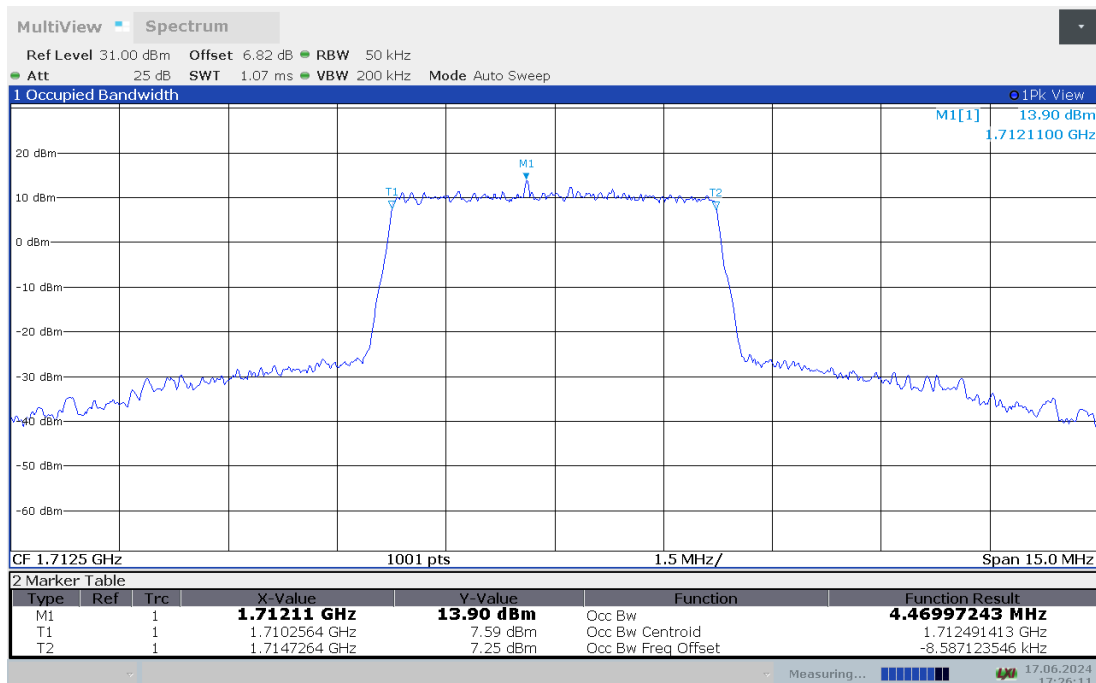




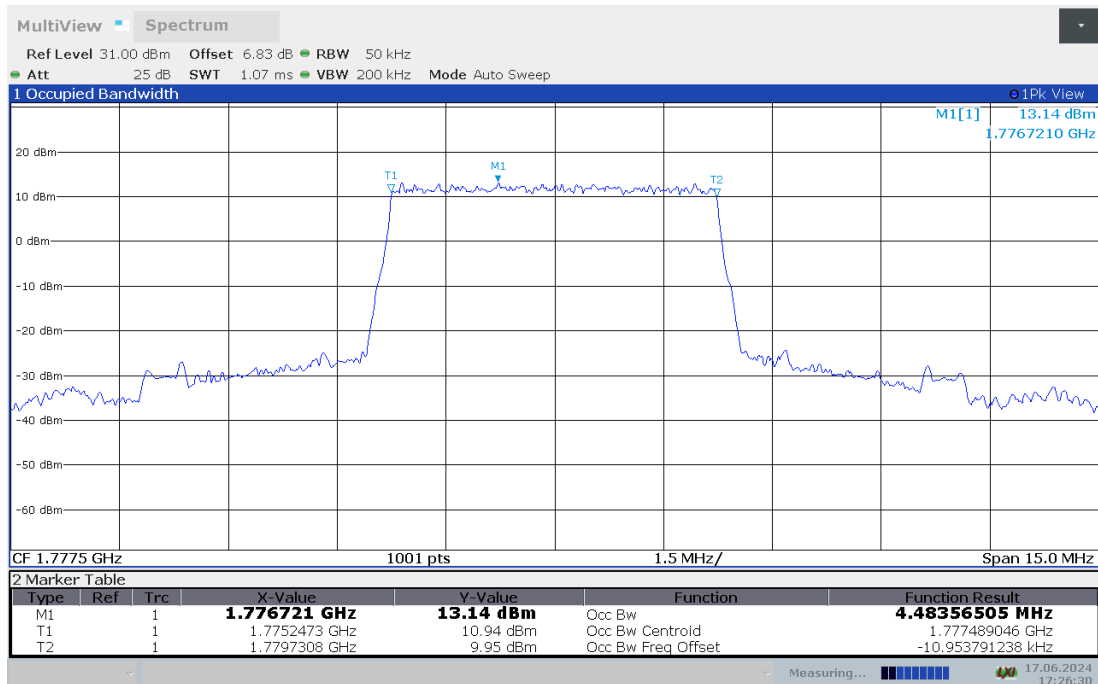
**LTE band 66 , 5MHz Bandwidth,LOW,QPSK (99% BW)**



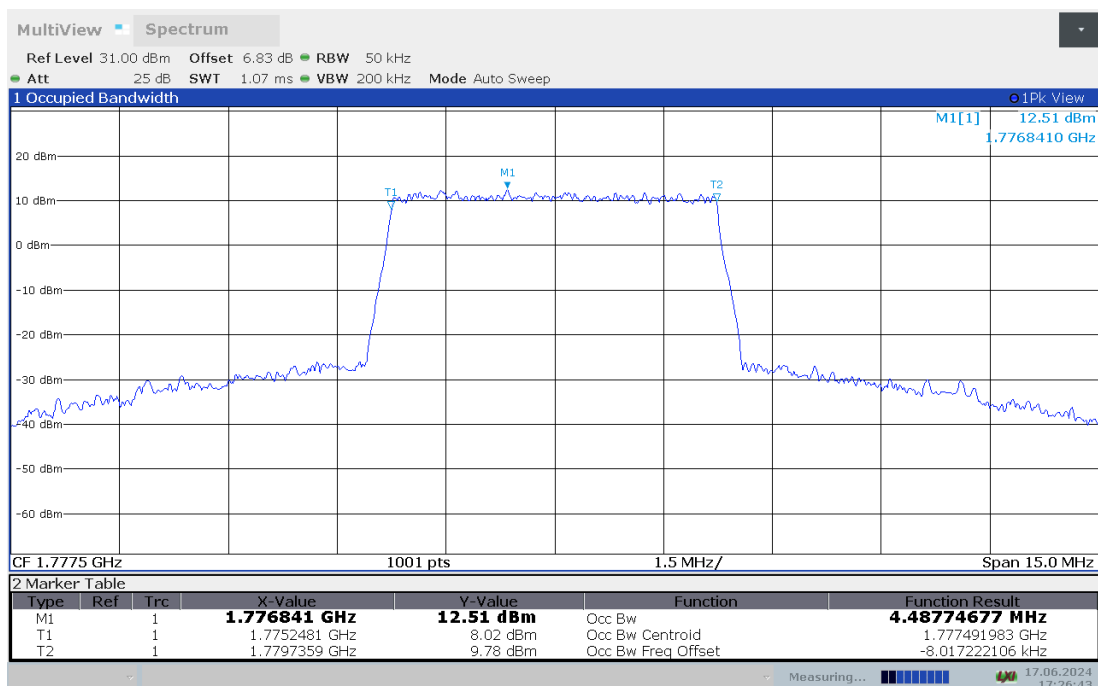
**LTE band 66 , 5MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 66 , 5MHz Bandwidth,HIGH,QPSK (99% BW)**



LTE band 66 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



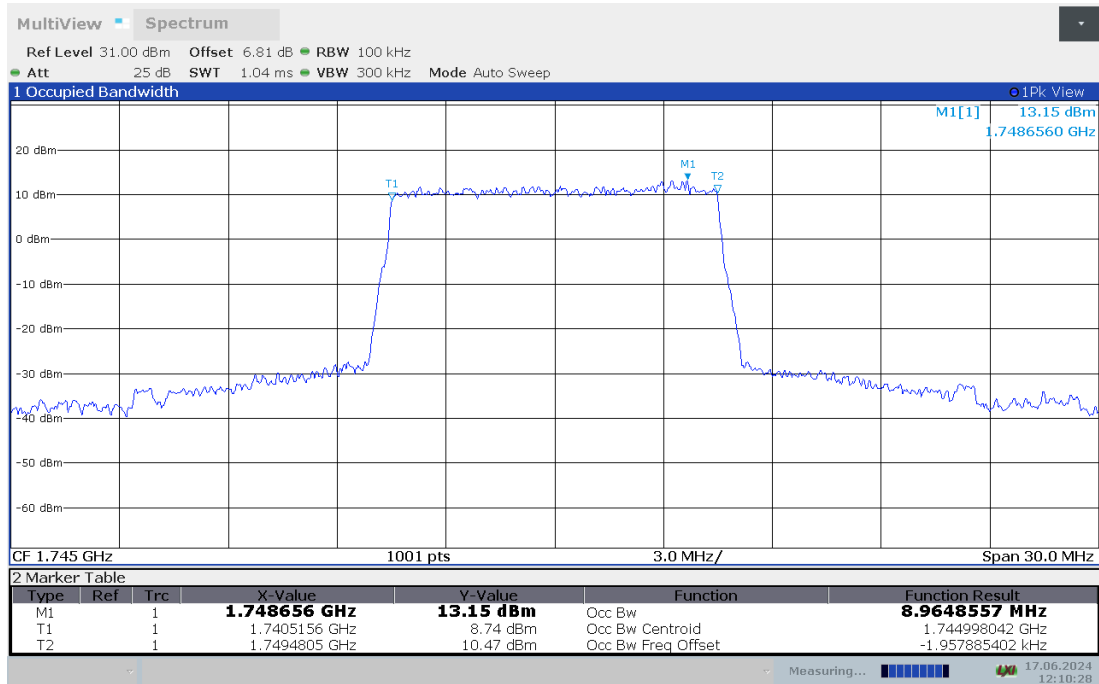




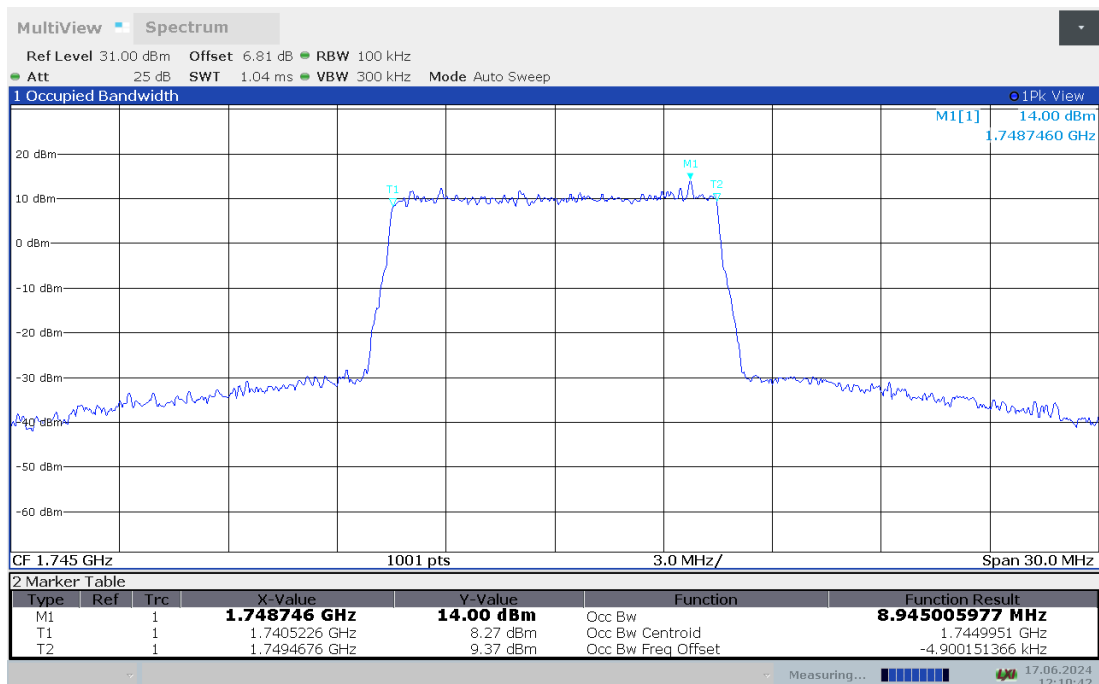
**LTE band 66,10MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1745	8.965	8.945
1715	8.965	8.951
1775	8.948	8.955

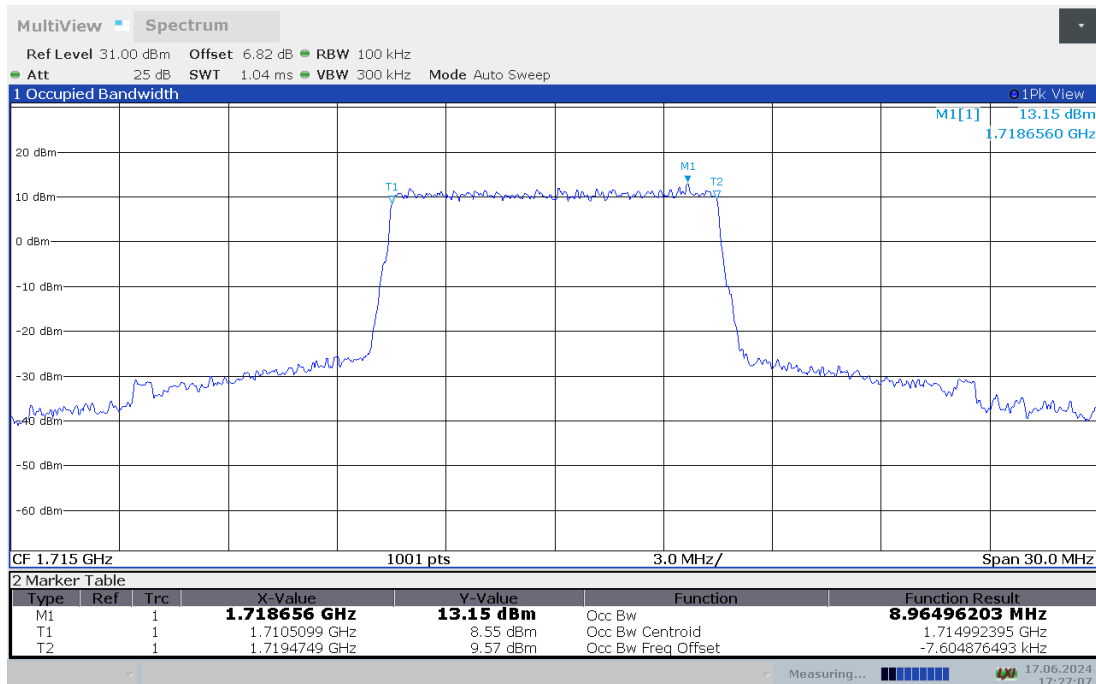
**LTE band 66 , 10MHz Bandwidth,MID,QPSK (99% BW)**



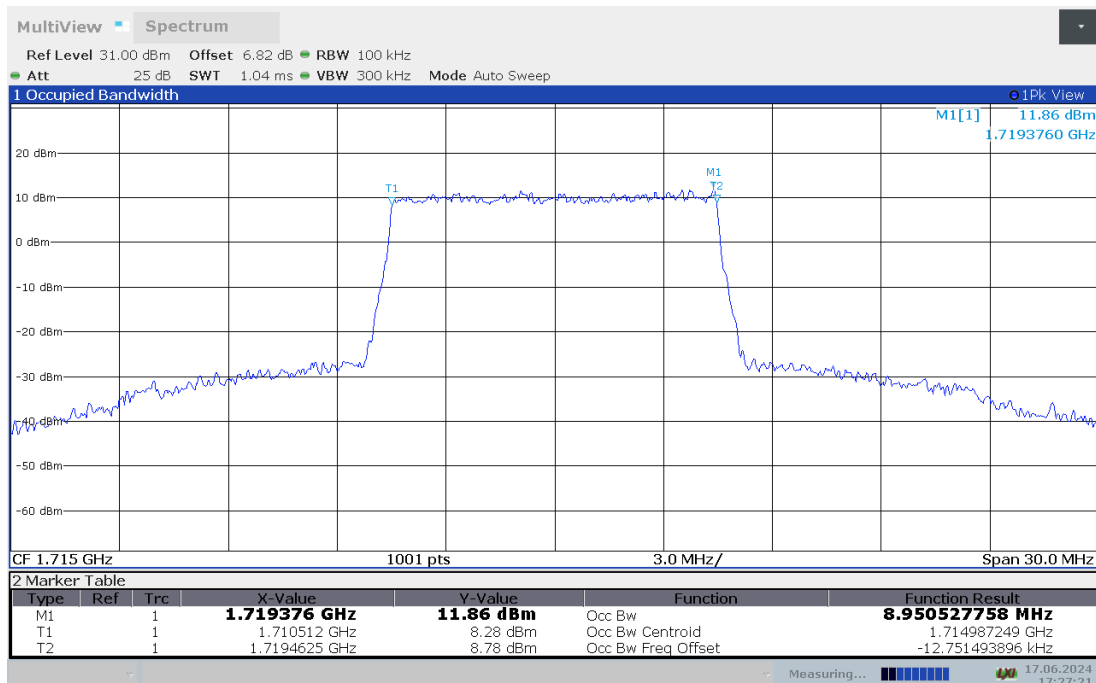
**LTE band 66 , 10MHz Bandwidth,MID,16QAM (99% BW)**



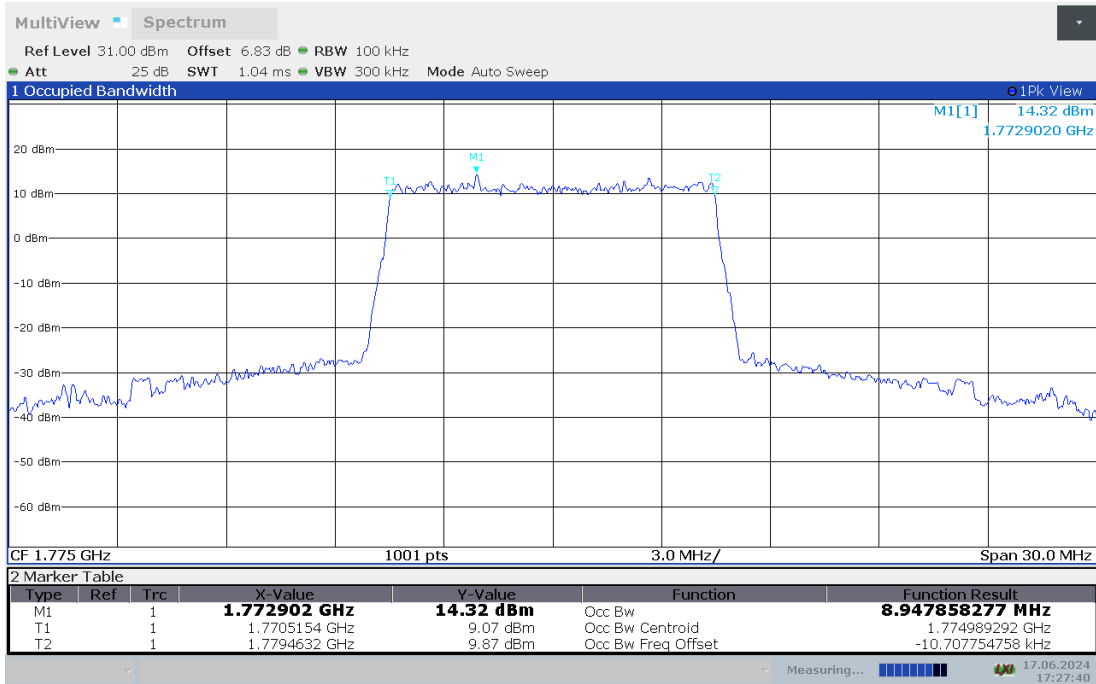
**LTE band 66 , 10MHz Bandwidth,LOW,QPSK (99% BW)**



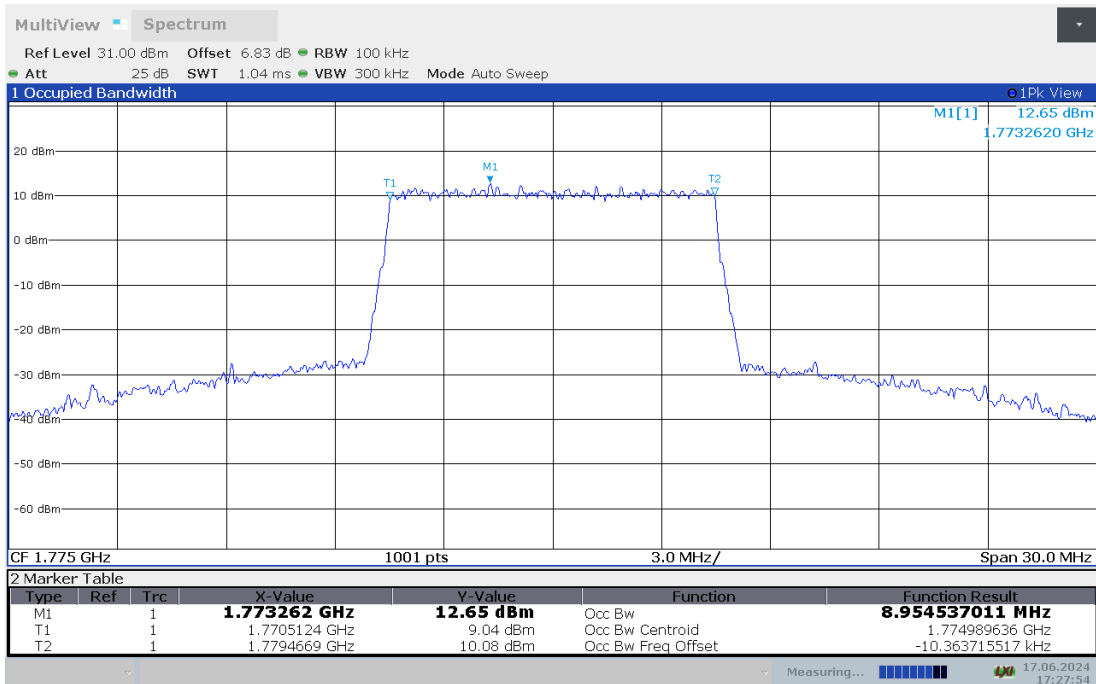
**LTE band 66 , 10MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 66 , 10MHz Bandwidth,HIGH,QPSK (99% BW)**



**LTE band 66 , 10MHz Bandwidth,HIGH,16QAM (99% BW)**

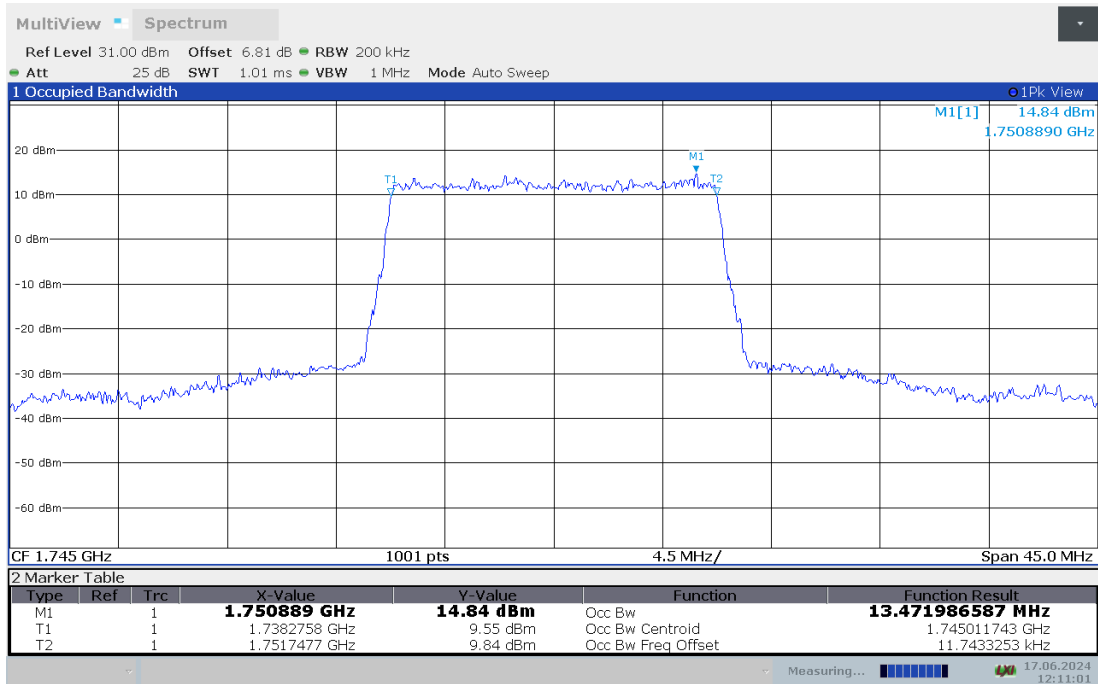




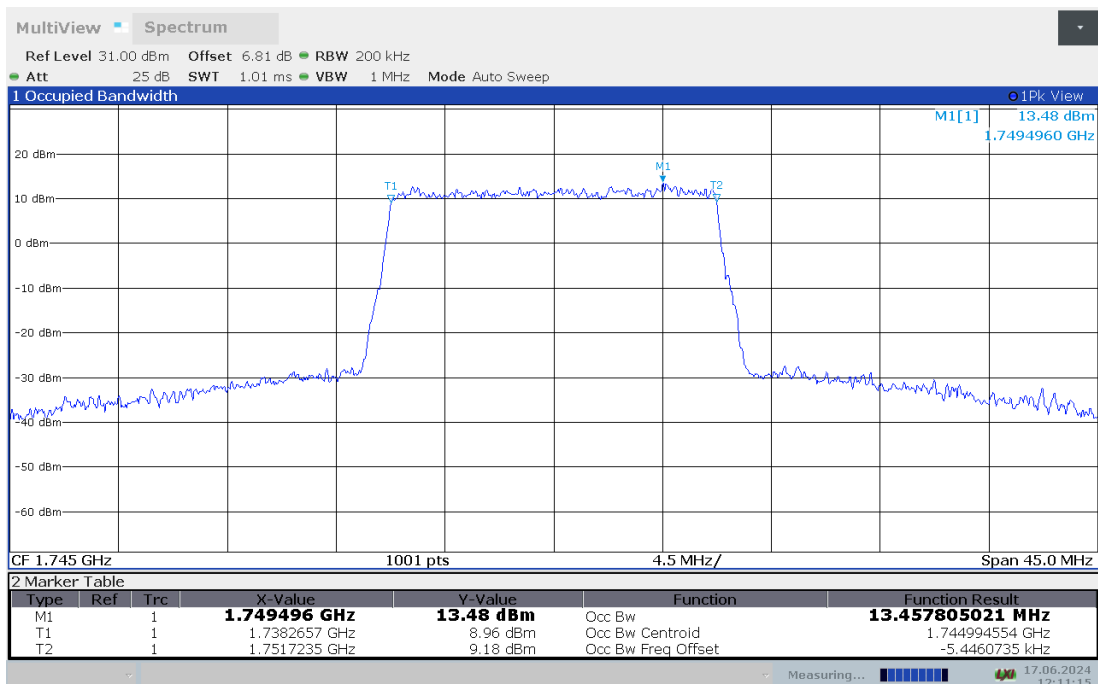
**LTE band 66,15MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1745	13.472	13.458
1717.5	13.444	13.434
1772.5	13.440	13.445

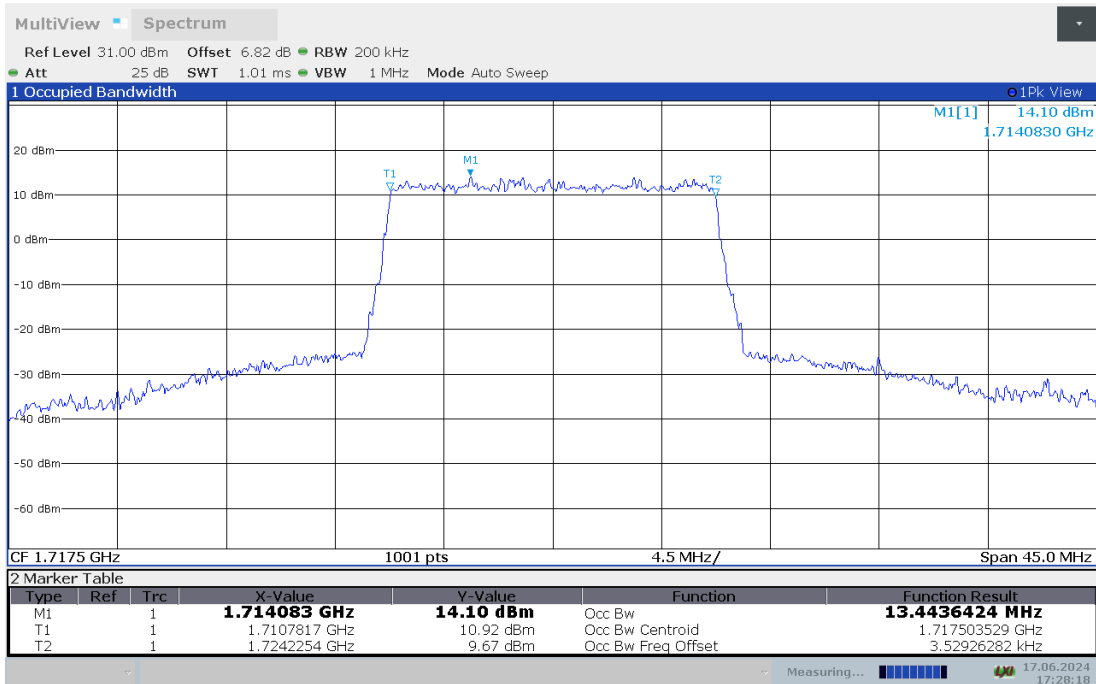
**LTE band 66 , 15MHz Bandwidth,MID,QPSK (99% BW)**



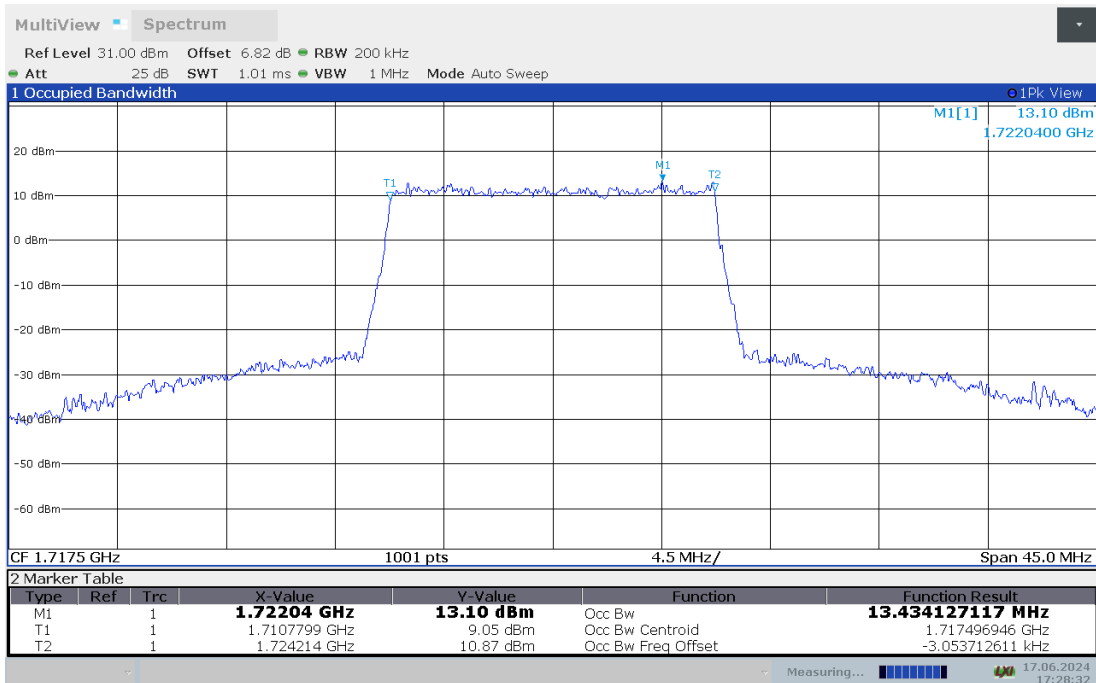
**LTE band 66 , 15MHz Bandwidth,MID,16QAM (99% BW)**



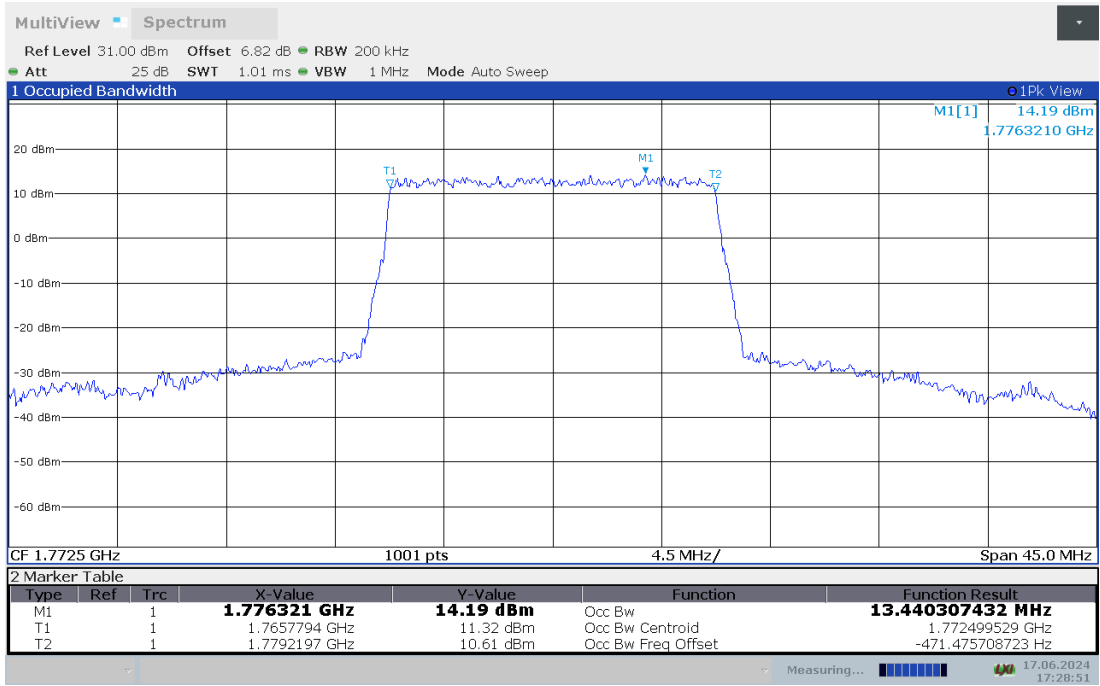
**LTE band 66 , 15MHz Bandwidth,LOW,QPSK (99% BW)**



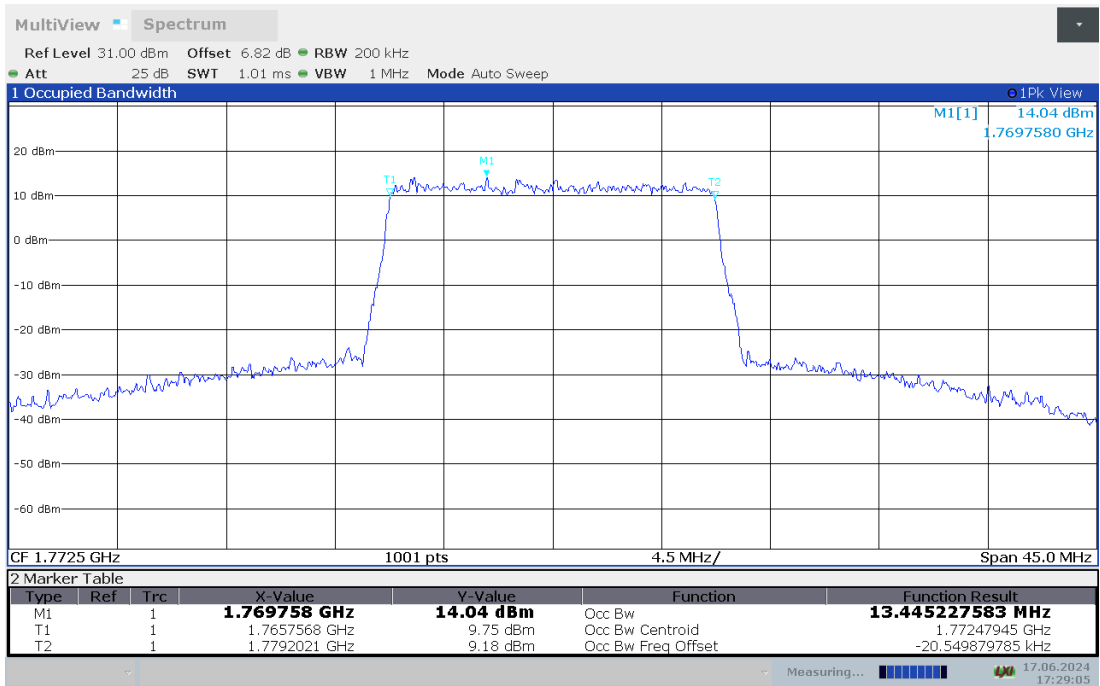
**LTE band 66 , 15MHz Bandwidth,LOW,16QAM (99% BW)**



**LTE band 66 , 15MHz Bandwidth,HIGH,QPSK (99% BW)**



**LTE band 66 , 15MHz Bandwidth,HIGH,16QAM (99% BW)**

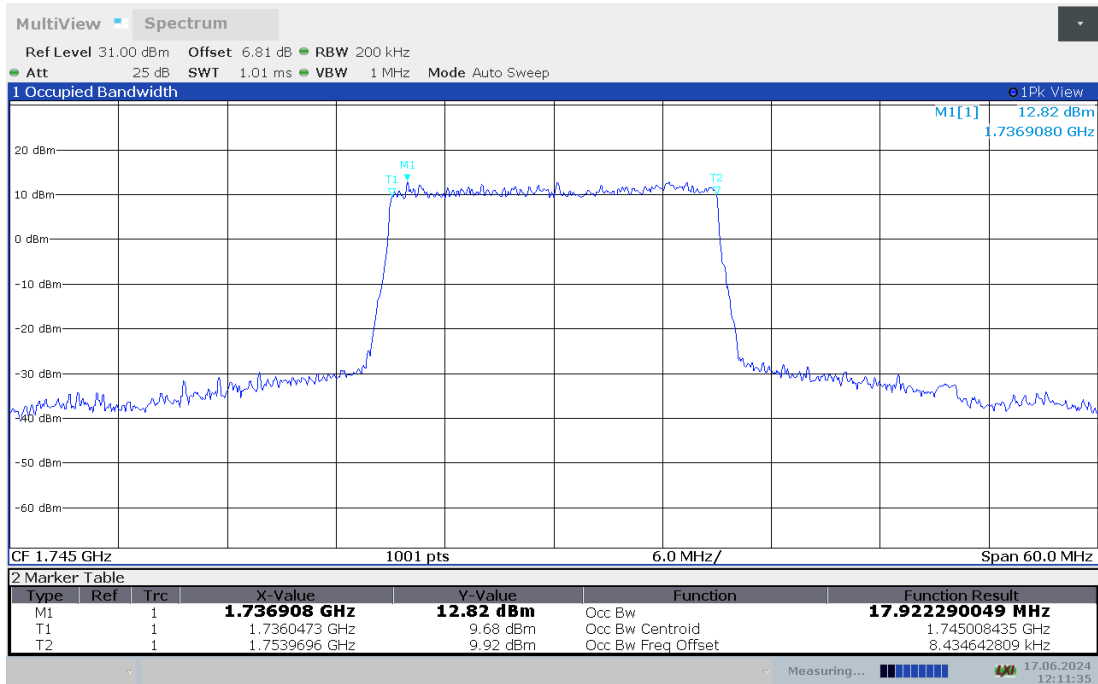




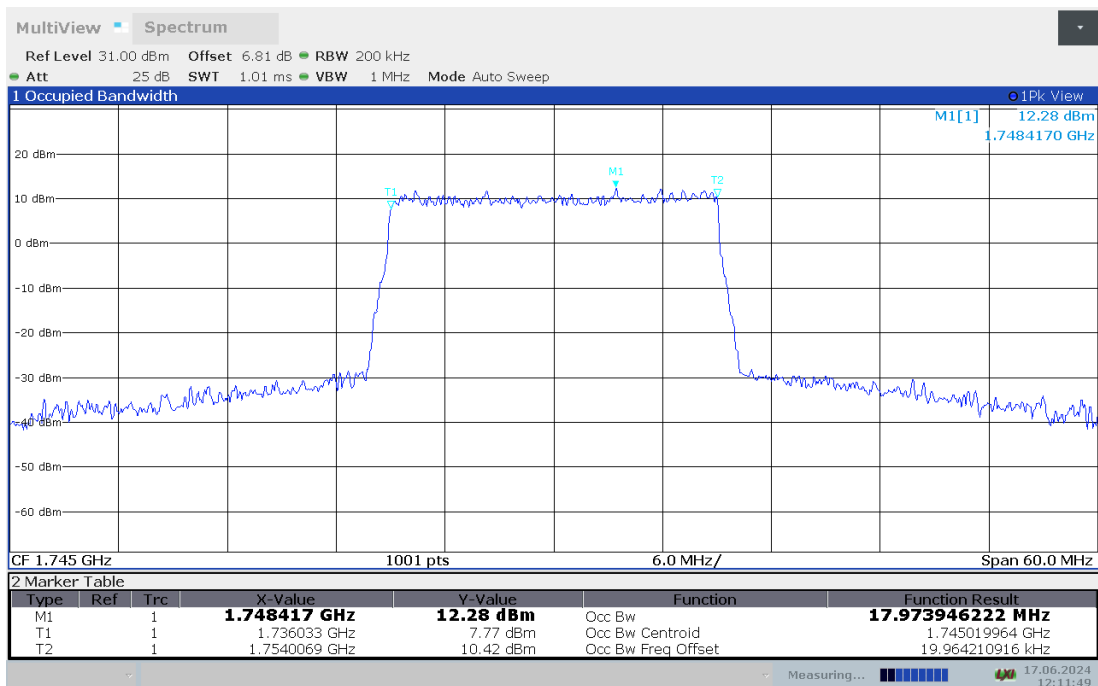
**LTE band 66,20MHz (99% BW)**

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1745	17.922	17.974
1720	17.924	17.954
1770	17.907	17.926

**LTE band 66 , 20MHz Bandwidth,MID,QPSK (99% BW)**

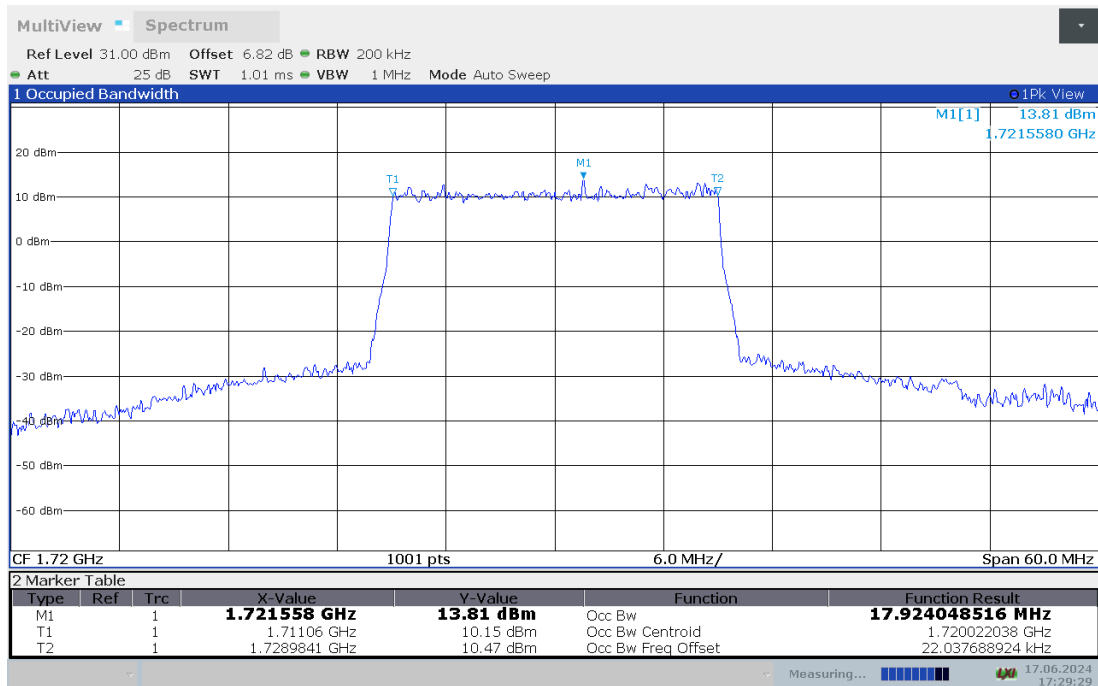


**LTE band 66 , 20MHz Bandwidth,MID,16QAM (99% BW)**

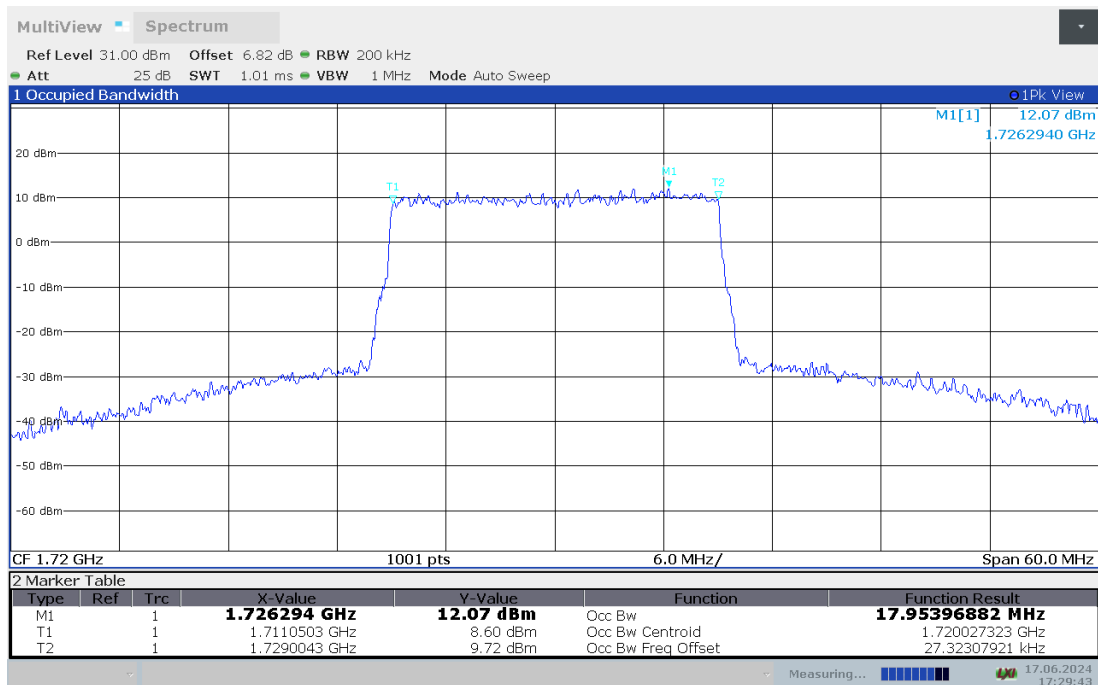




LTE band 66 , 20MHz Bandwidth,LOW,QPSK (99% BW)

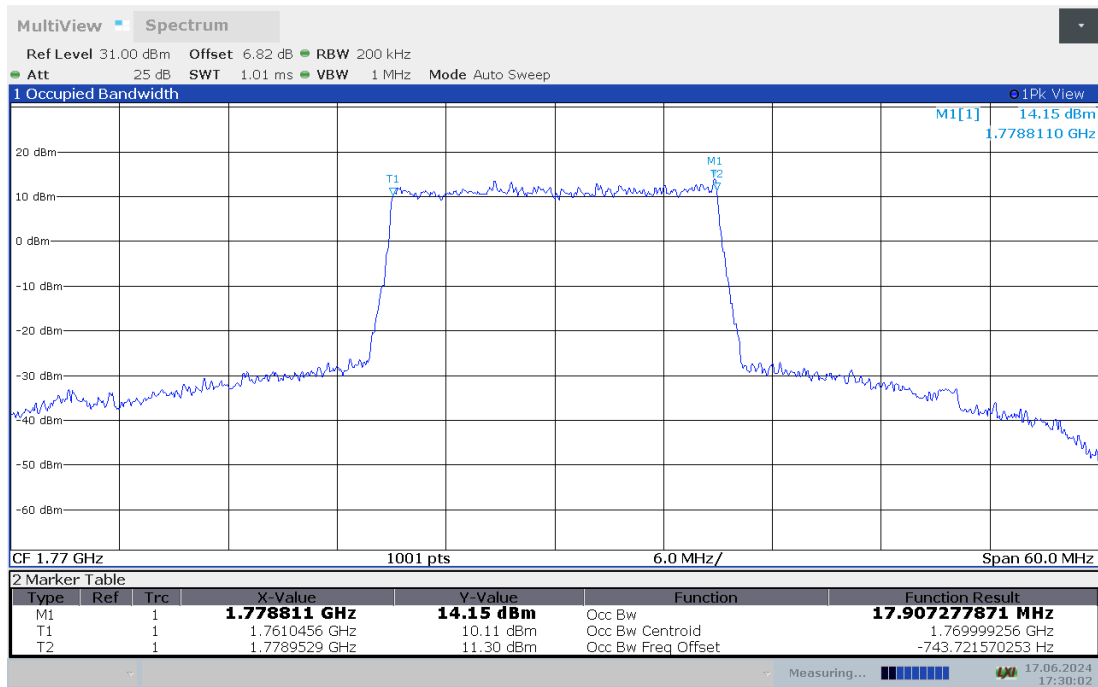


LTE band 66 , 20MHz Bandwidth,LOW,16QAM (99% BW)

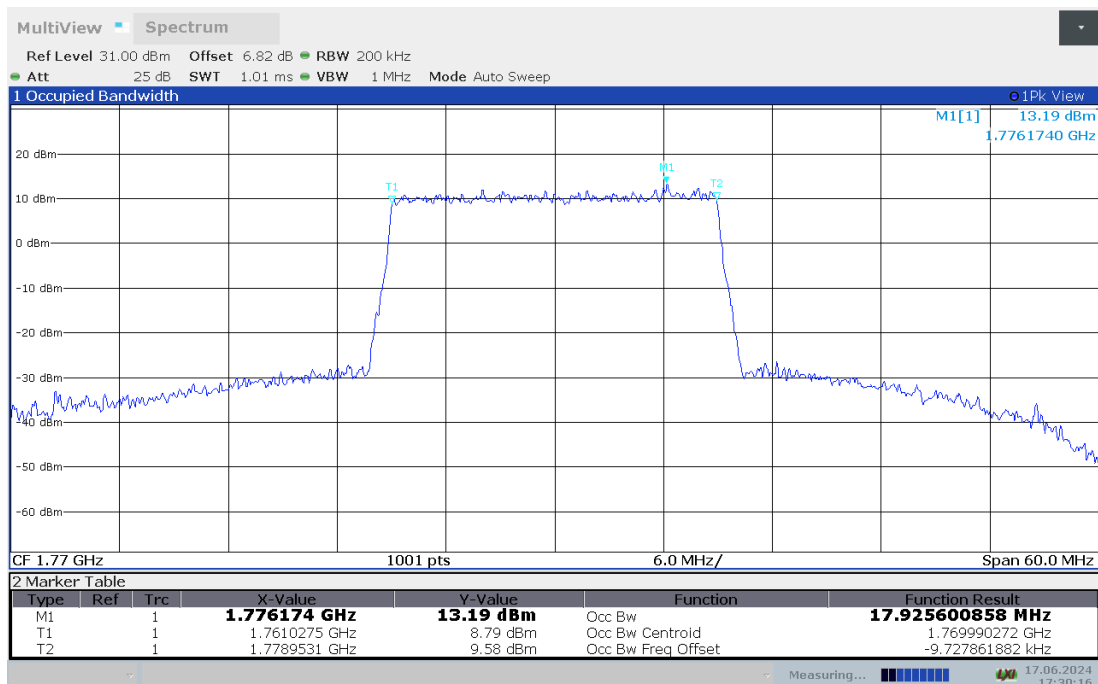


LTE band 66 , 20MHz Bandwidth,HIGH,QPSK (99% BW)





**LTE band 66 , 20MHz Bandwidth,HIGH,16QAM (99% BW)**



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.

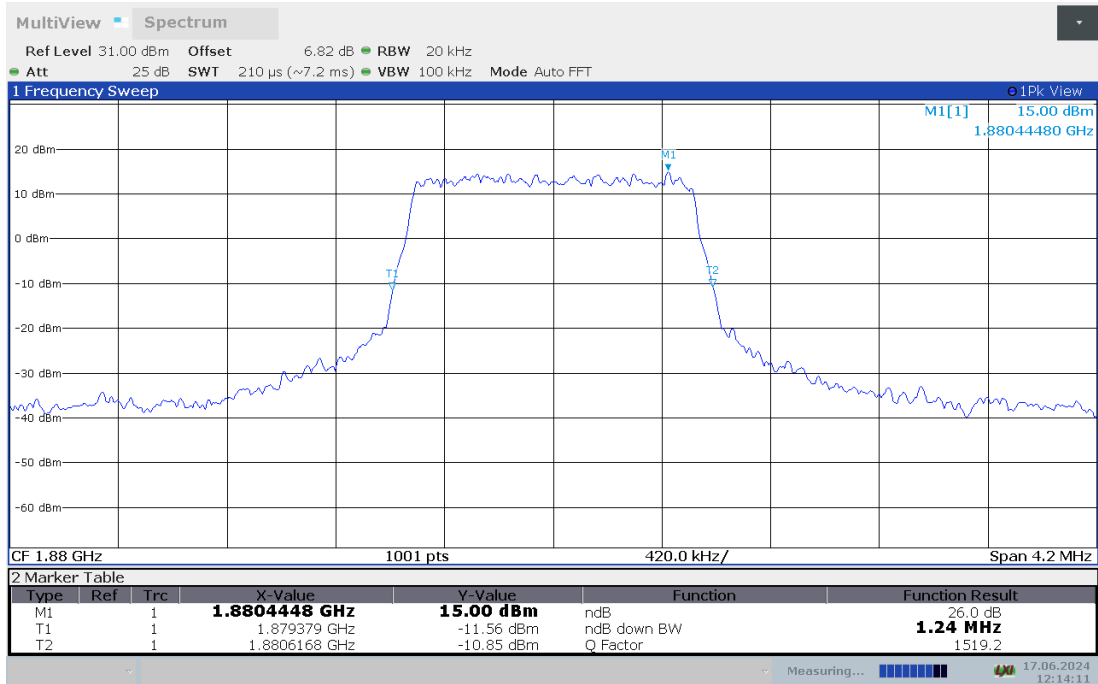
The measurement method is from ANSI C63.26:

- 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  $\geq 3 \times$  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.

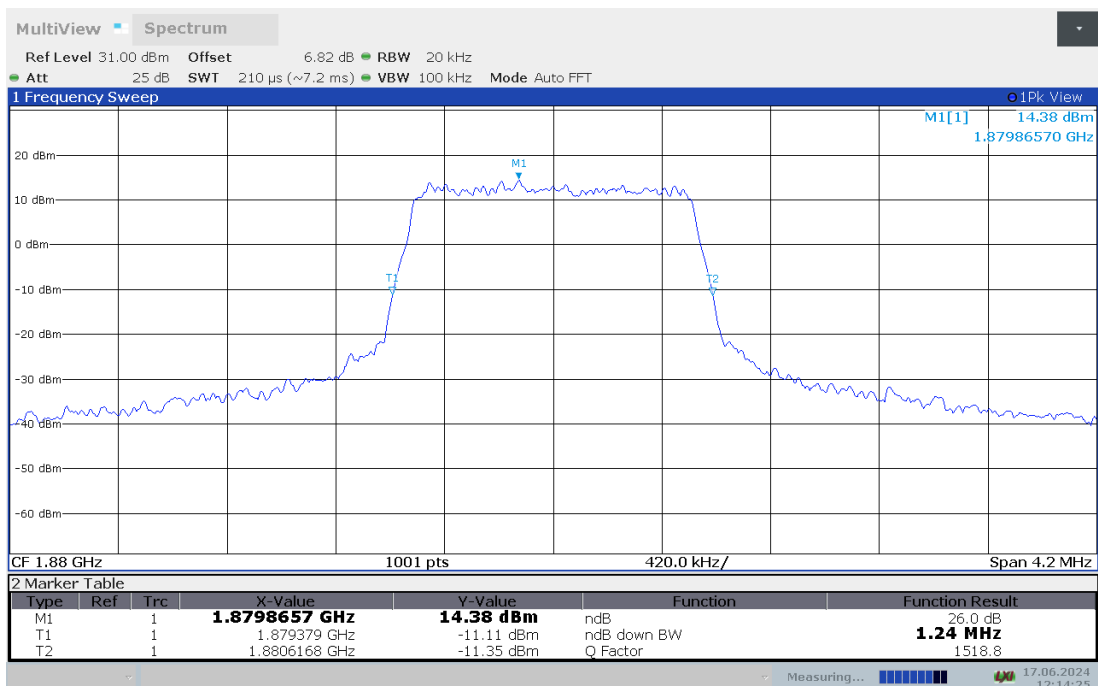
**LTE band 2,1.4MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1880	1.238	1.238
1850.7	1.242	1.242
1909.3	1.242	1.250

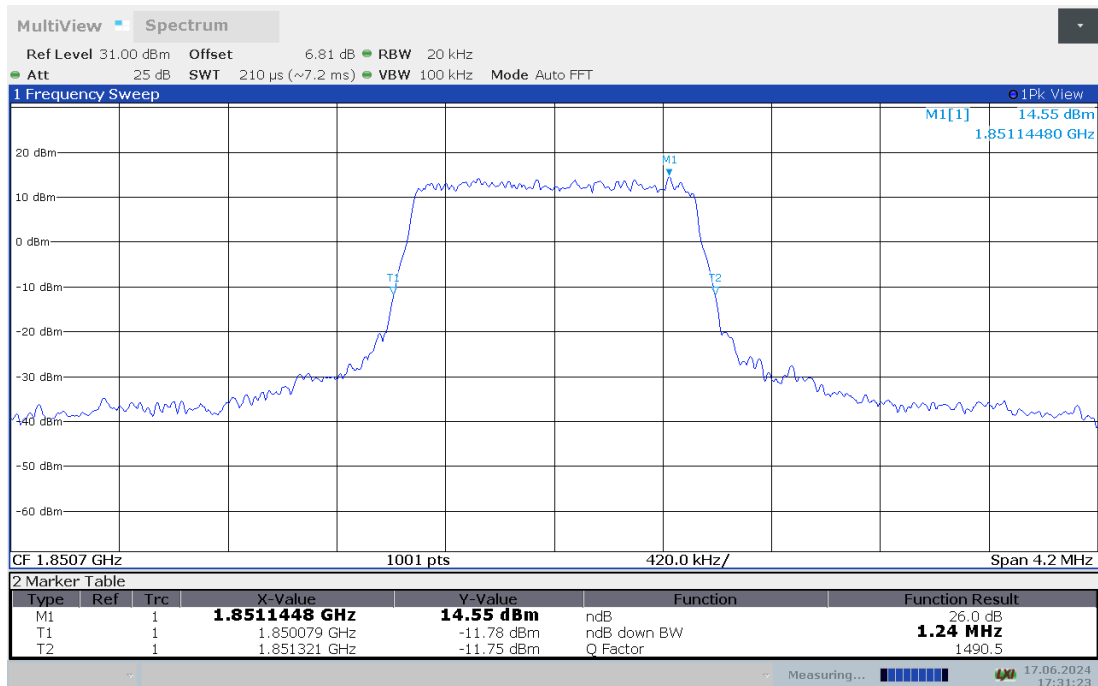
**LTE band 2 , 1.4MHz Bandwidth,MID,QPSK (-26dBc BW)**



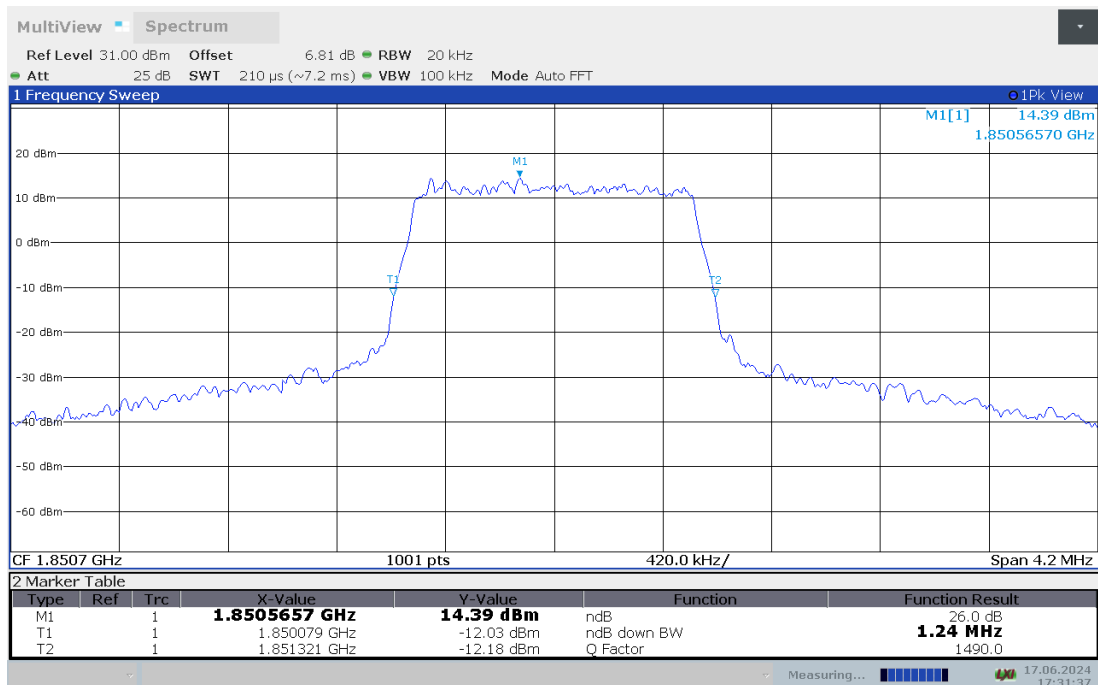
**LTE band 2 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)**



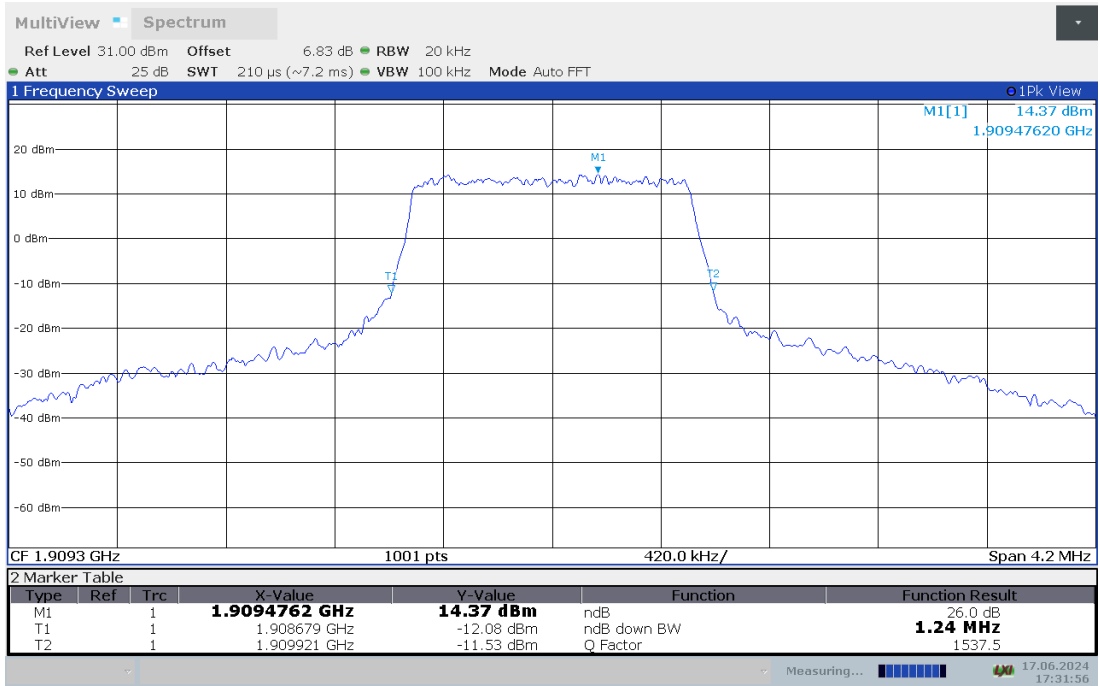
**LTE band 2 , 1.4MHz Bandwidth,LOW,QPSK (-26dBc BW)**



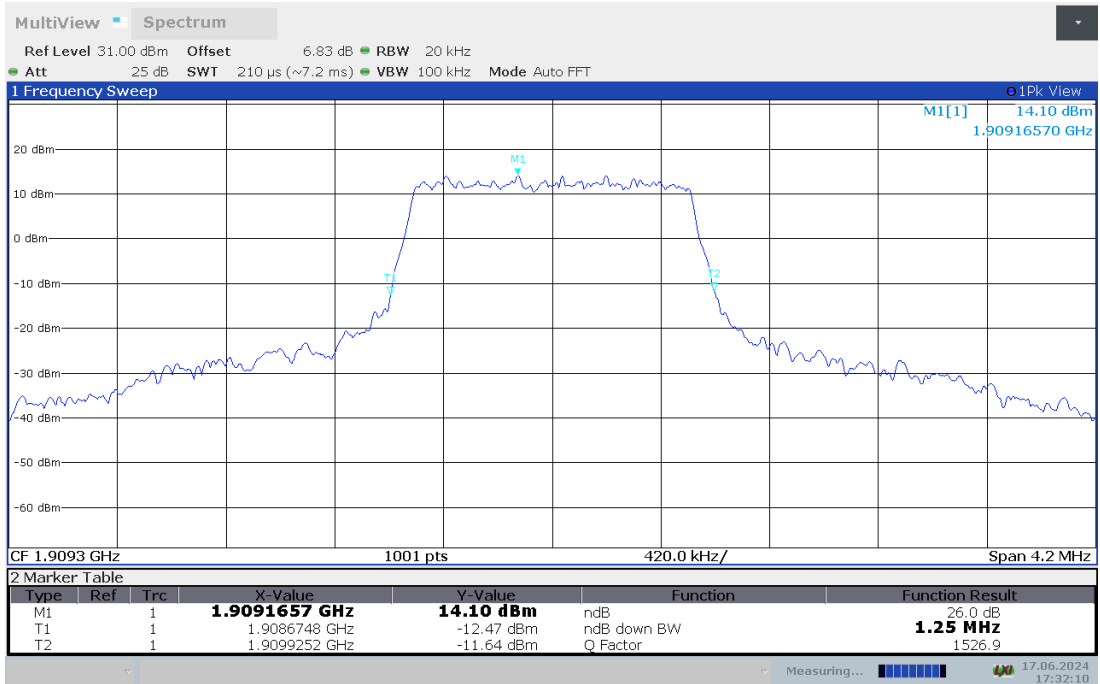
**LTE band 2 , 1.4MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 2 , 1.4MHz Bandwidth,HIGH,QPSK (-26dBc BW)**



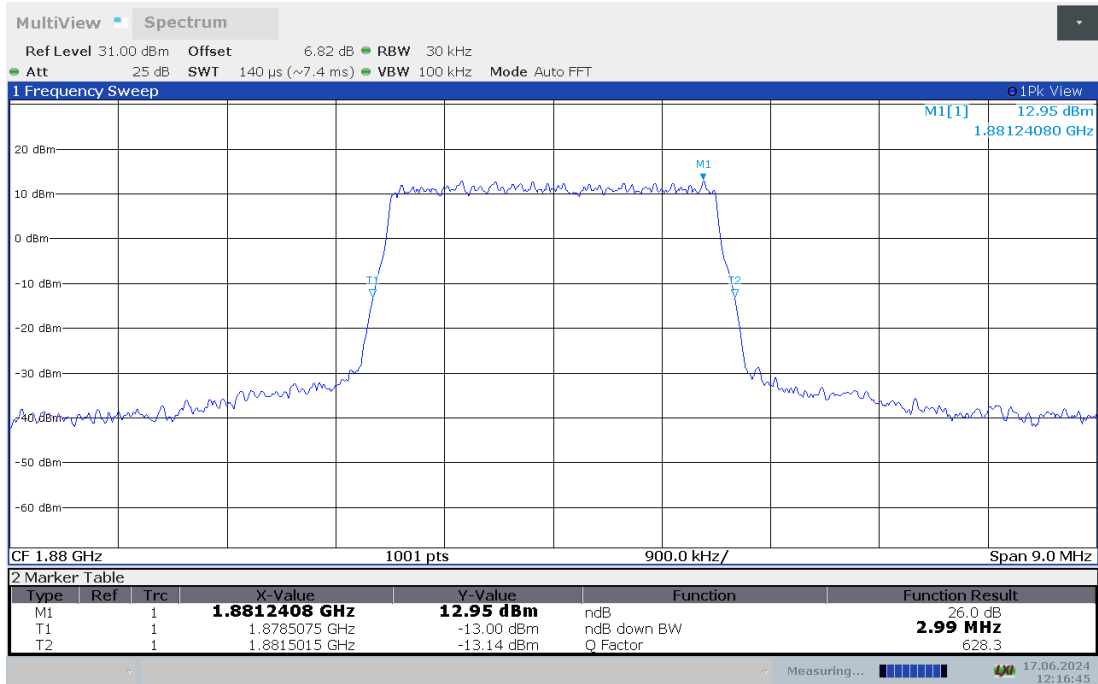
**LTE band 2 , 1.4MHz Bandwidth,HIGH,16QAM (-26dBc BW)**



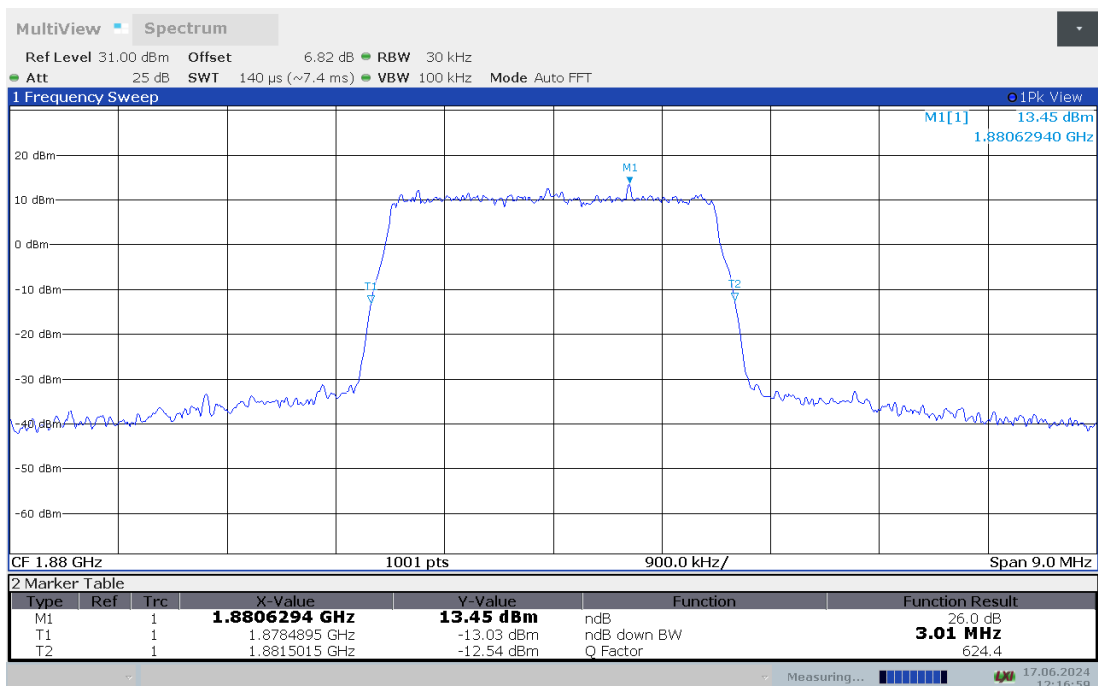
**LTE band 2,3MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1880	2.994	3.012
1851.5	3.003	3.003
1908.5	2.994	3.003

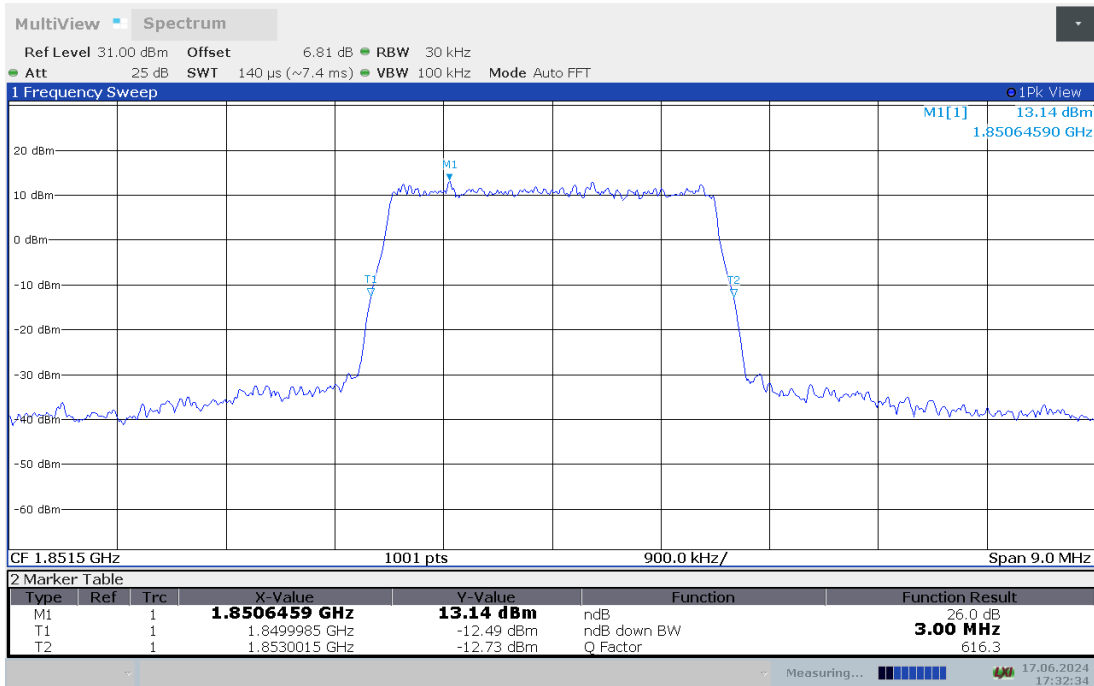
**LTE band 2 , 3MHz Bandwidth,MID,QPSK (-26dBc BW)**



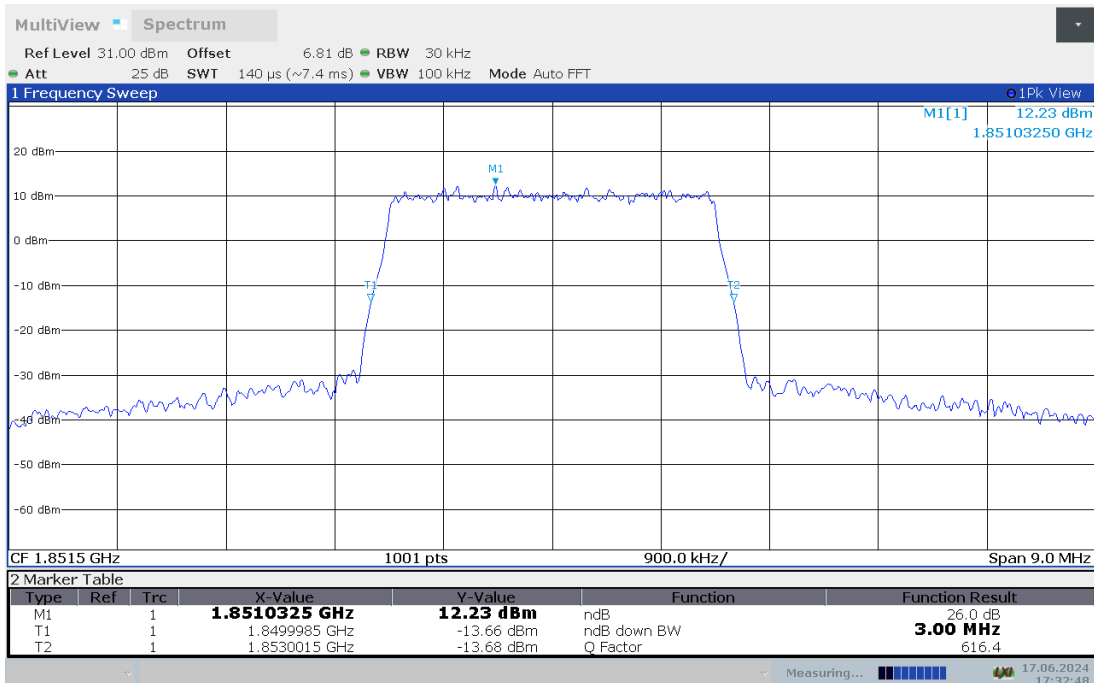
**LTE band 2 , 3MHz Bandwidth,MID,16QAM (-26dBc BW)**



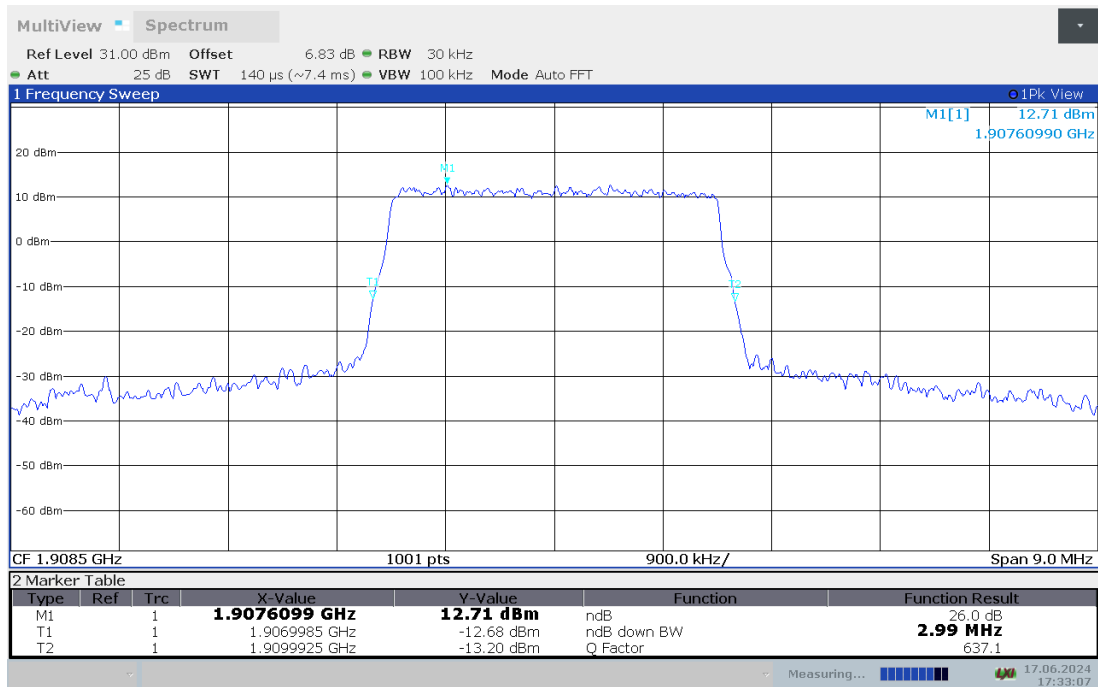
**LTE band 2 , 3MHz Bandwidth,LOW,QPSK (-26dBc BW)**



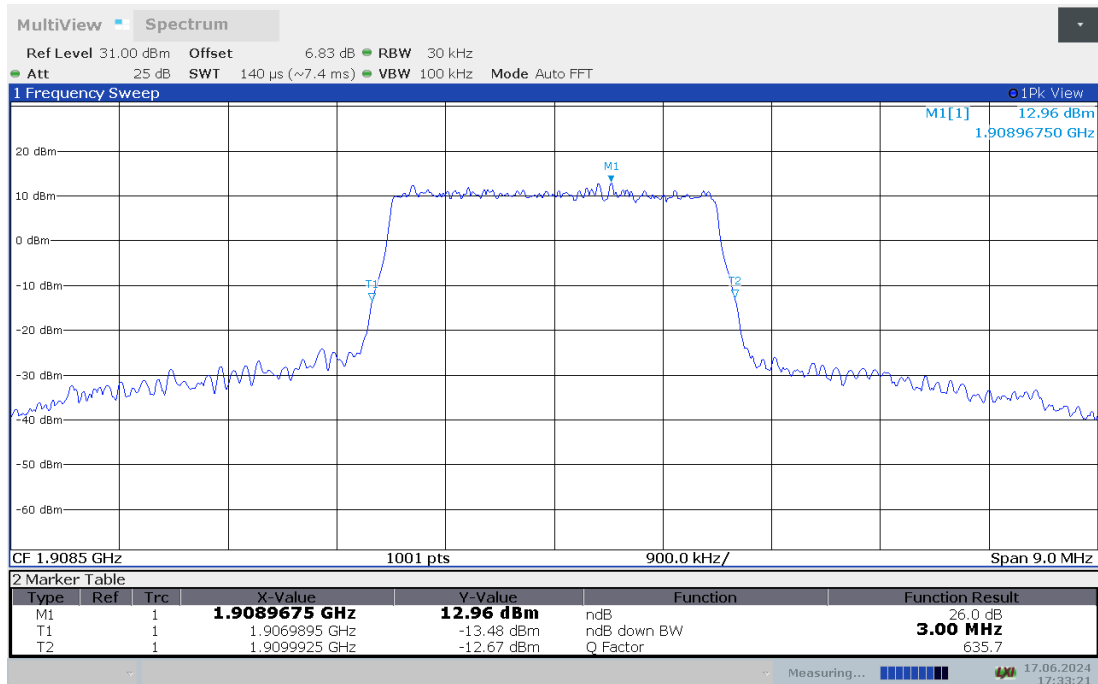
**LTE band 2 , 3MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 2 , 3MHz Bandwidth,HIGH,QPSK (-26dBc BW)**



**LTE band 2 , 3MHz Bandwidth,HIGH,16QAM (-26dBc BW)**

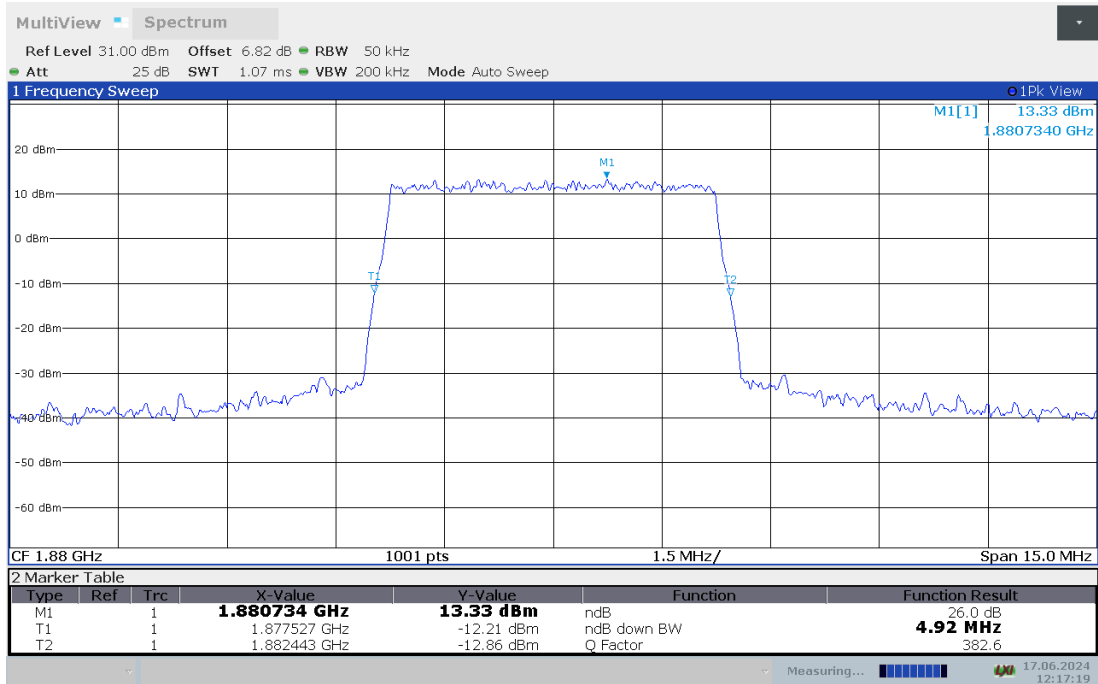




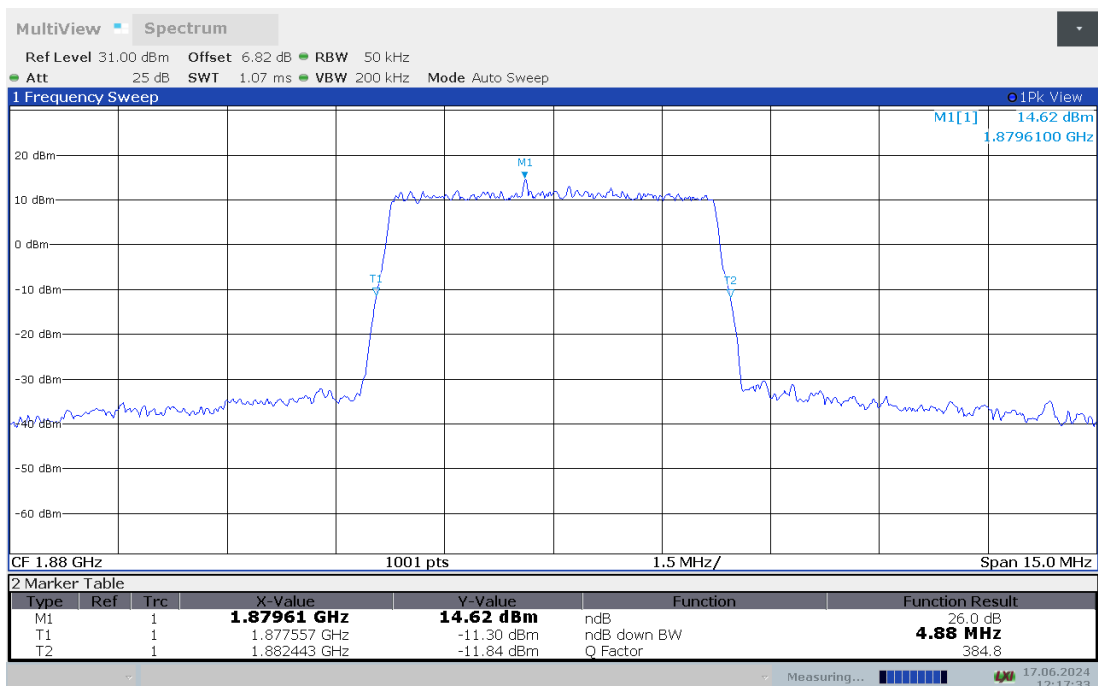
**LTE band 2,5MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1880	4.915	4.885
1852.5	4.915	4.870
1907.5	4.915	4.930

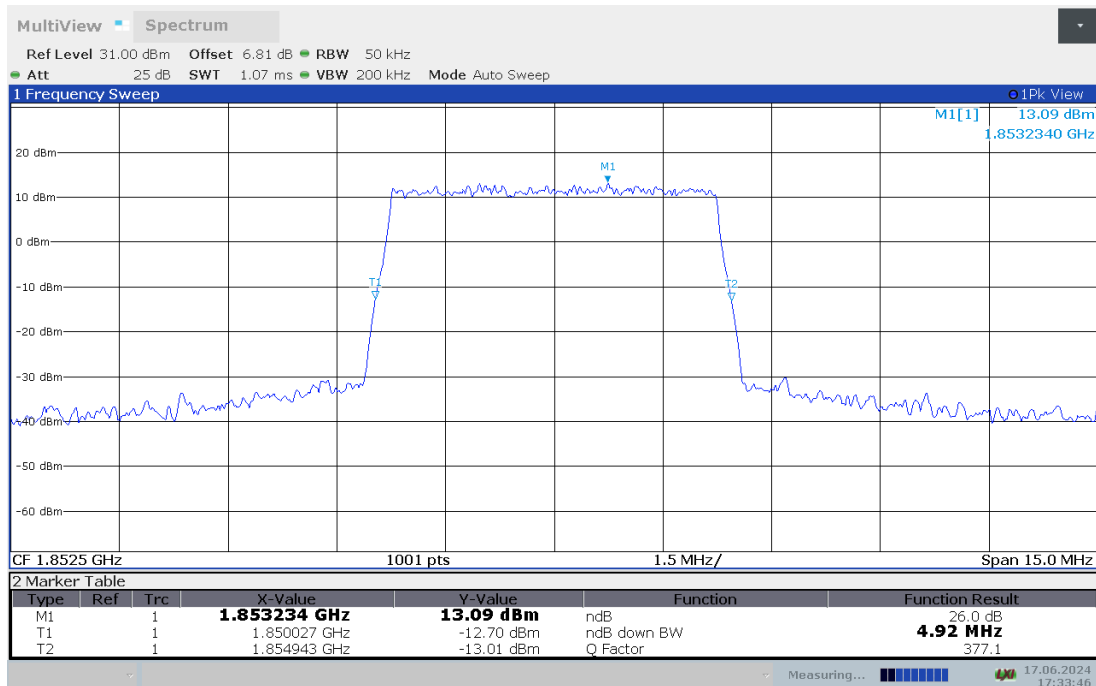
**LTE band 2 , 5MHz Bandwidth,MID,QPSK (-26dBc BW)**



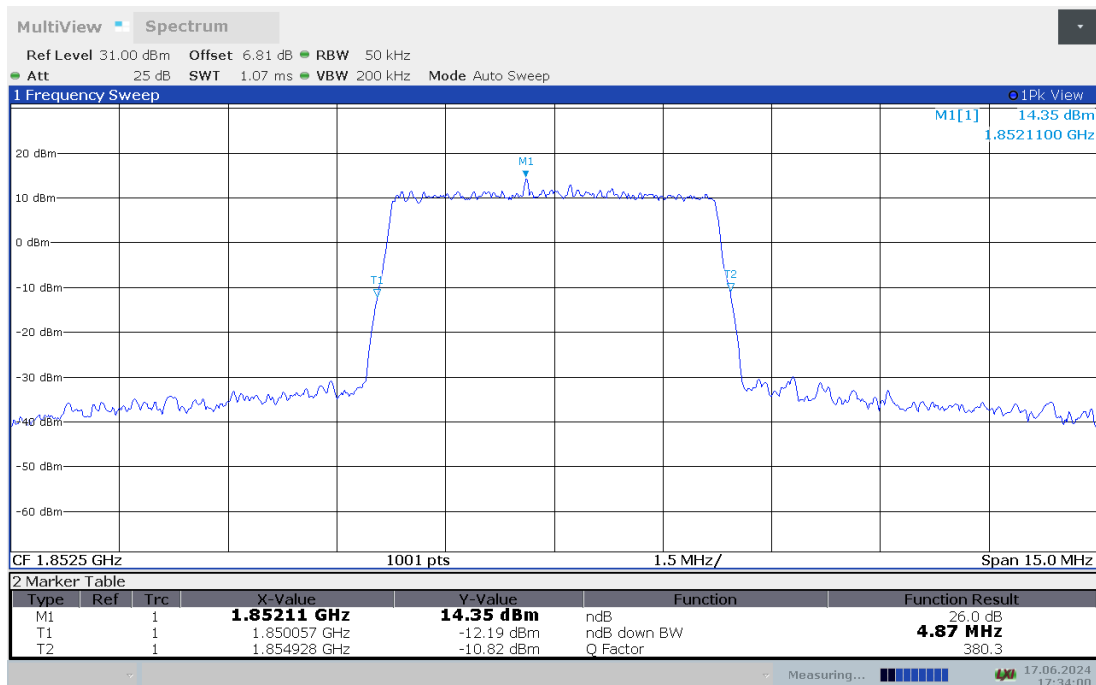
**LTE band 2 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)**



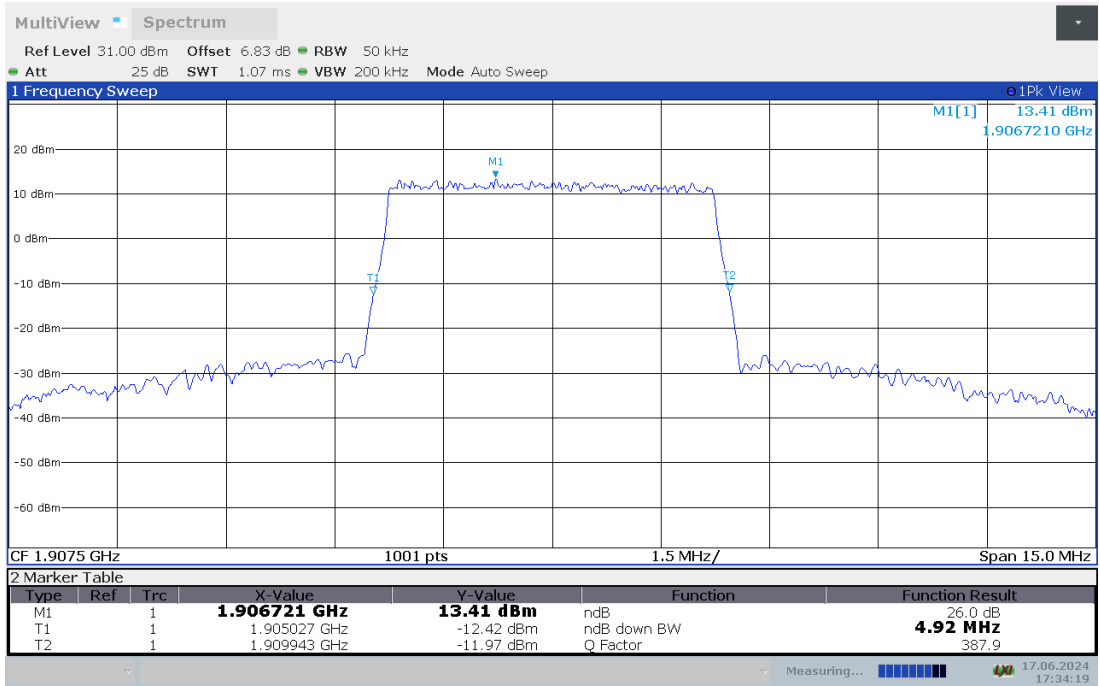
**LTE band 2 , 5MHz Bandwidth,LOW,QPSK (-26dBc BW)**



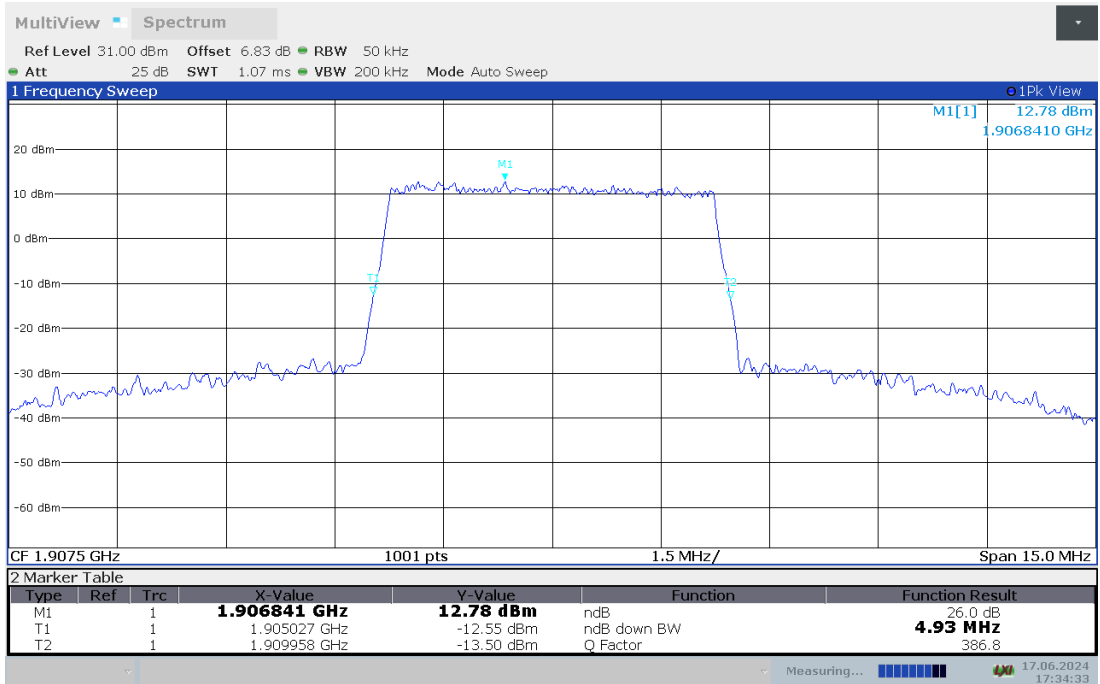
**LTE band 2 , 5MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 2 , 5MHz Bandwidth,HIGH,QPSK (-26dBc BW)**



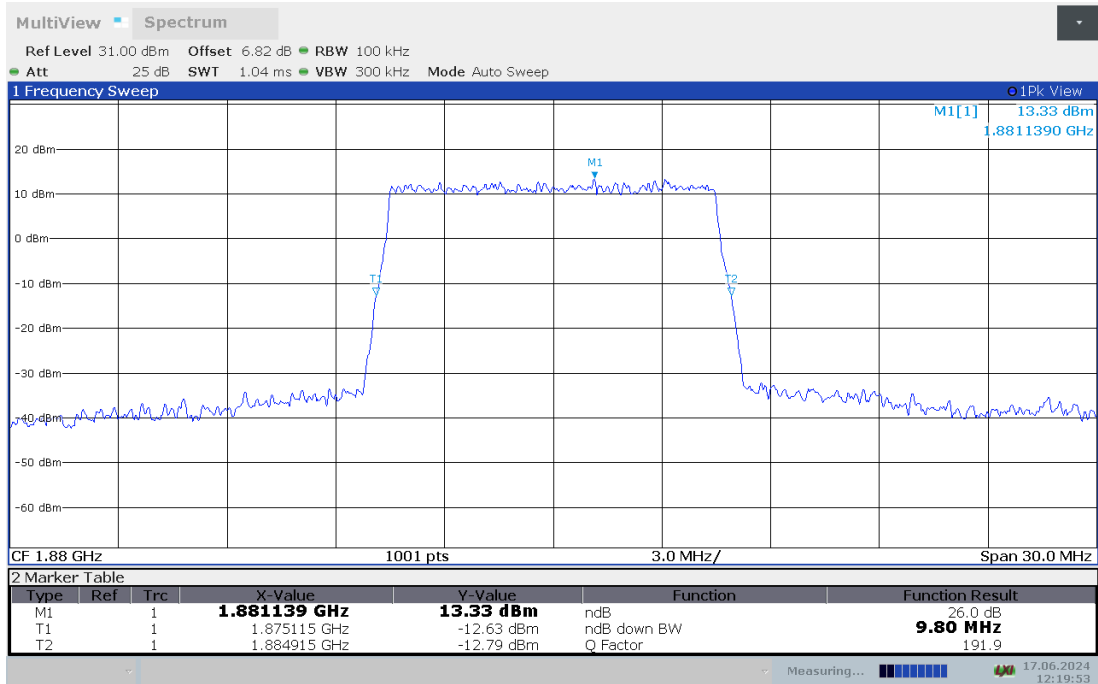
**LTE band 2 , 5MHz Bandwidth,HIGH,16QAM (-26dBc BW)**



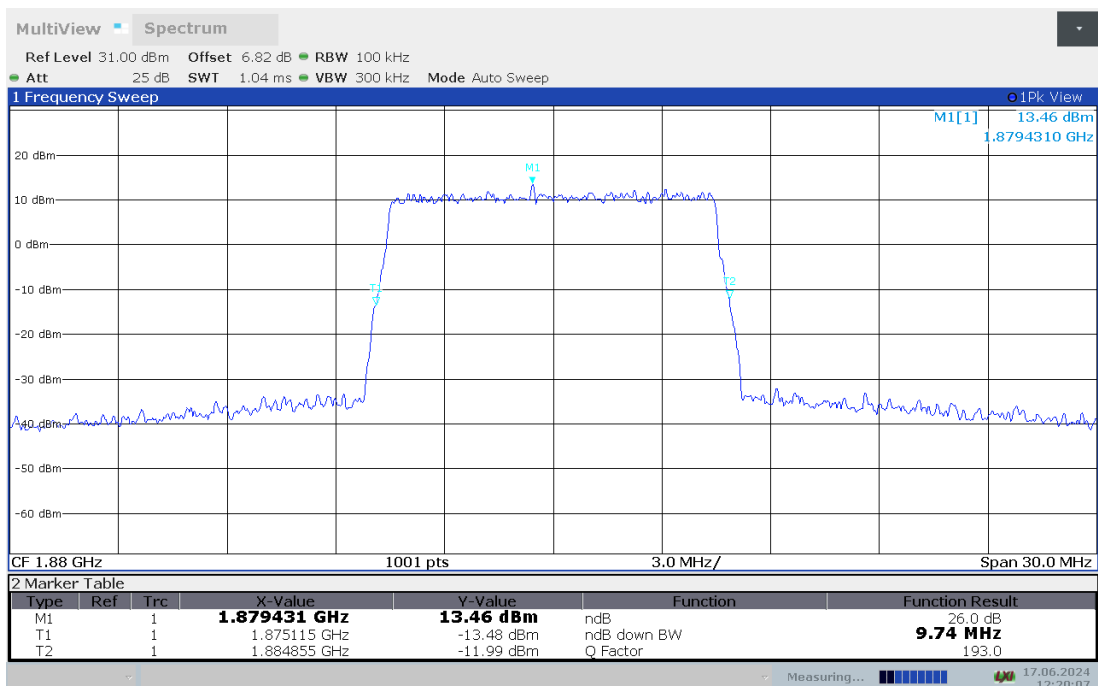
**LTE band 2,10MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1880	9.800	9.740
1855	9.740	9.770
1905	9.740	9.800

**LTE band 2 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)**

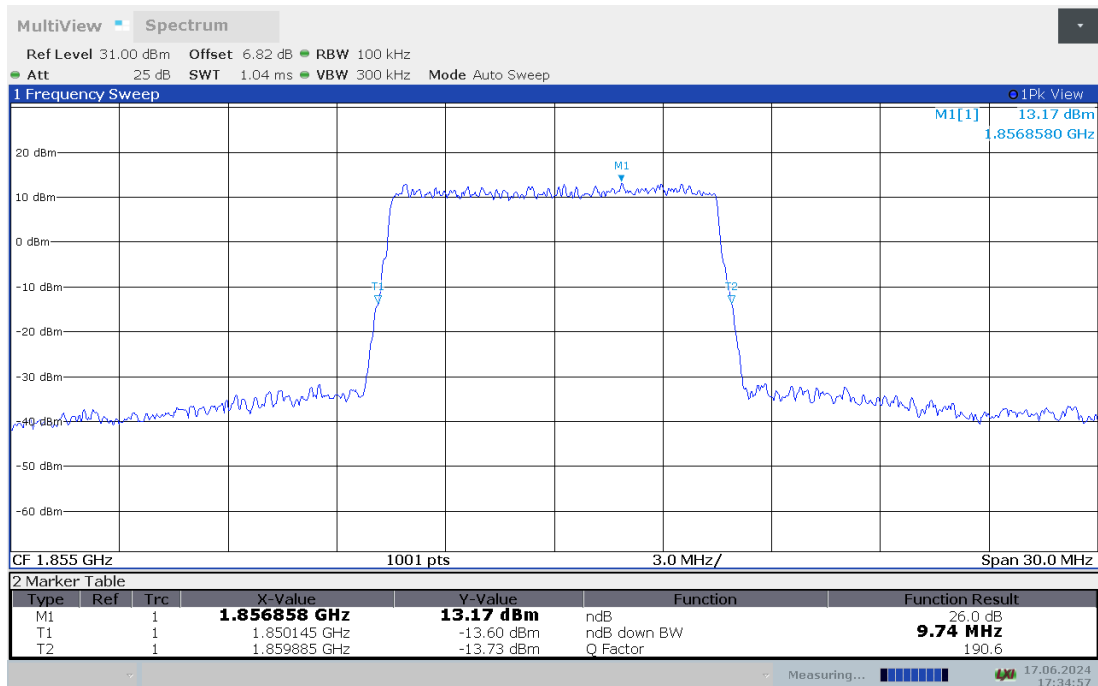


**LTE band 2 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)**

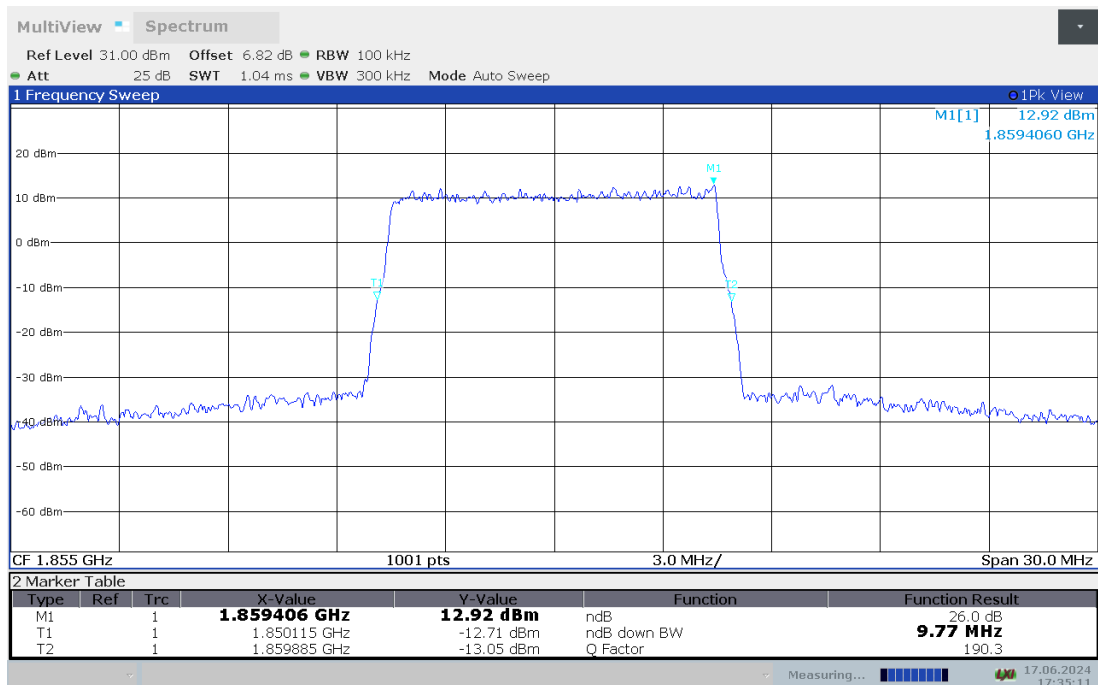




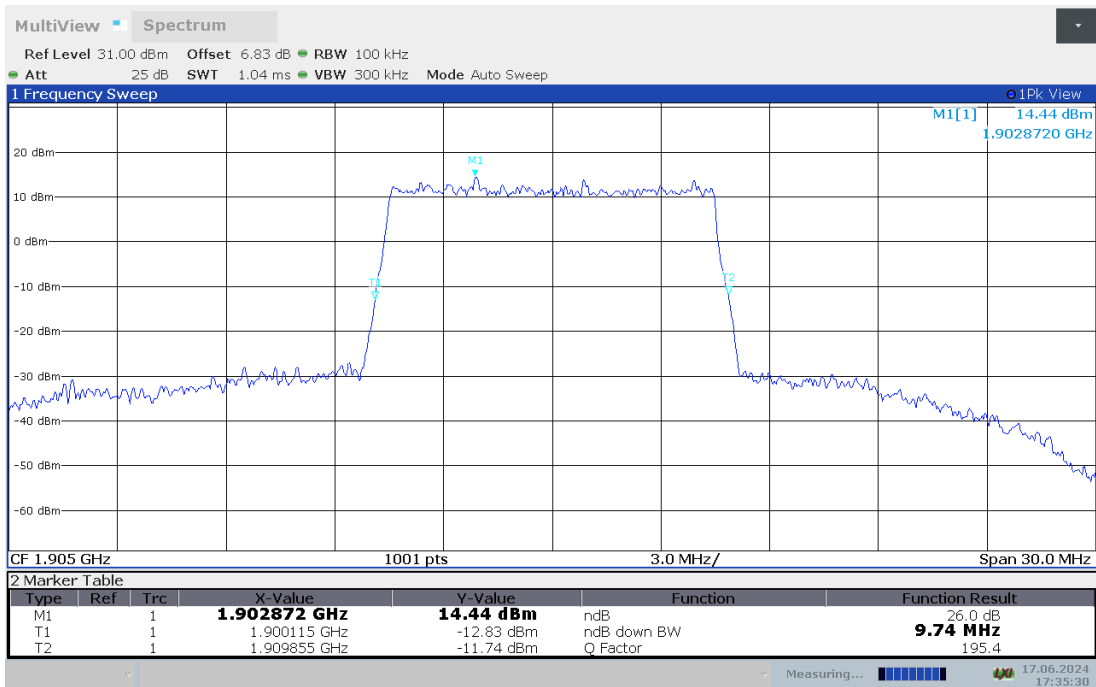
**LTE band 2 , 10MHz Bandwidth,LOW,QPSK (-26dBc BW)**



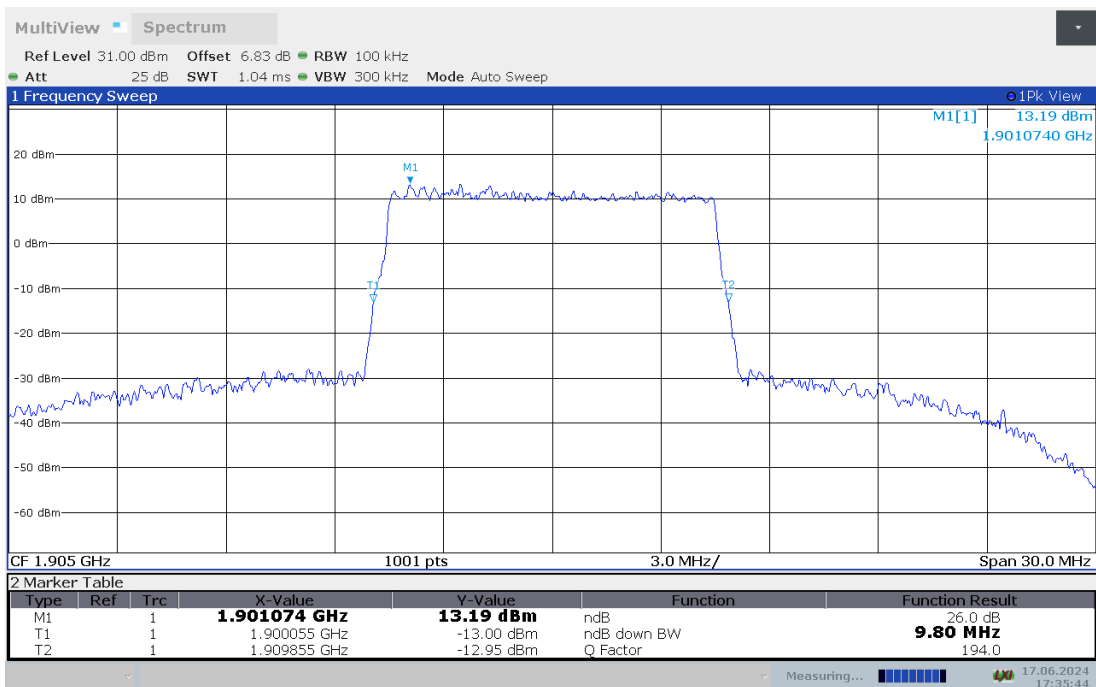
**LTE band 2 , 10MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 2 , 10MHz Bandwidth,HIGH,QPSK (-26dBc BW)**



**LTE band 2 , 10MHz Bandwidth,HIGH,16QAM (-26dBc BW)**

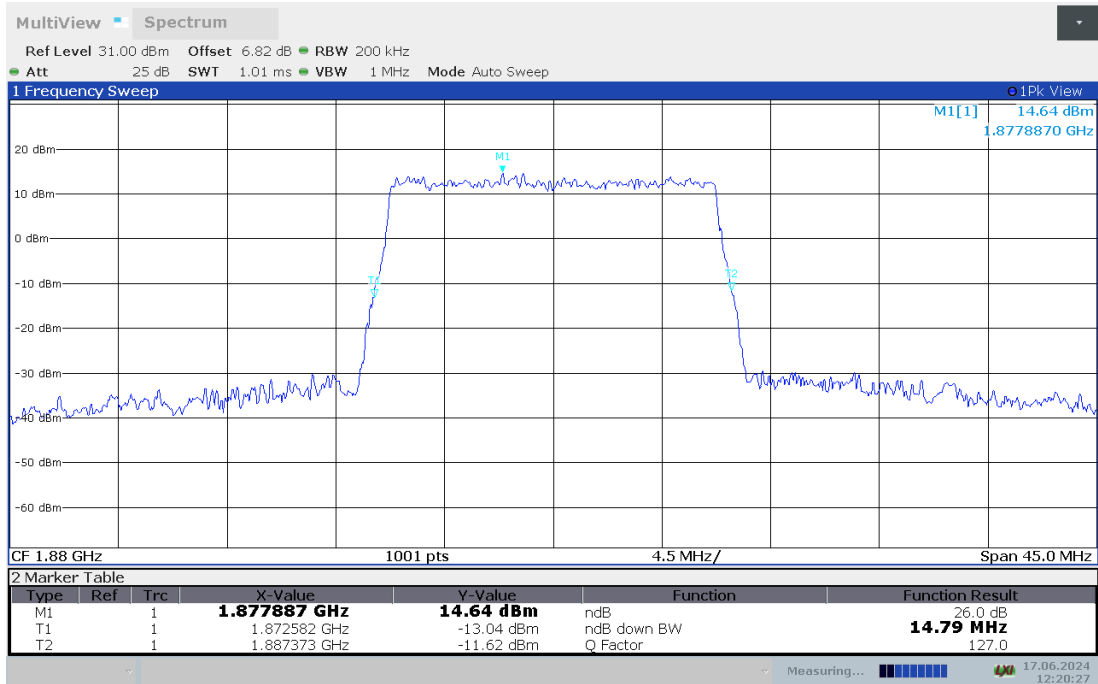




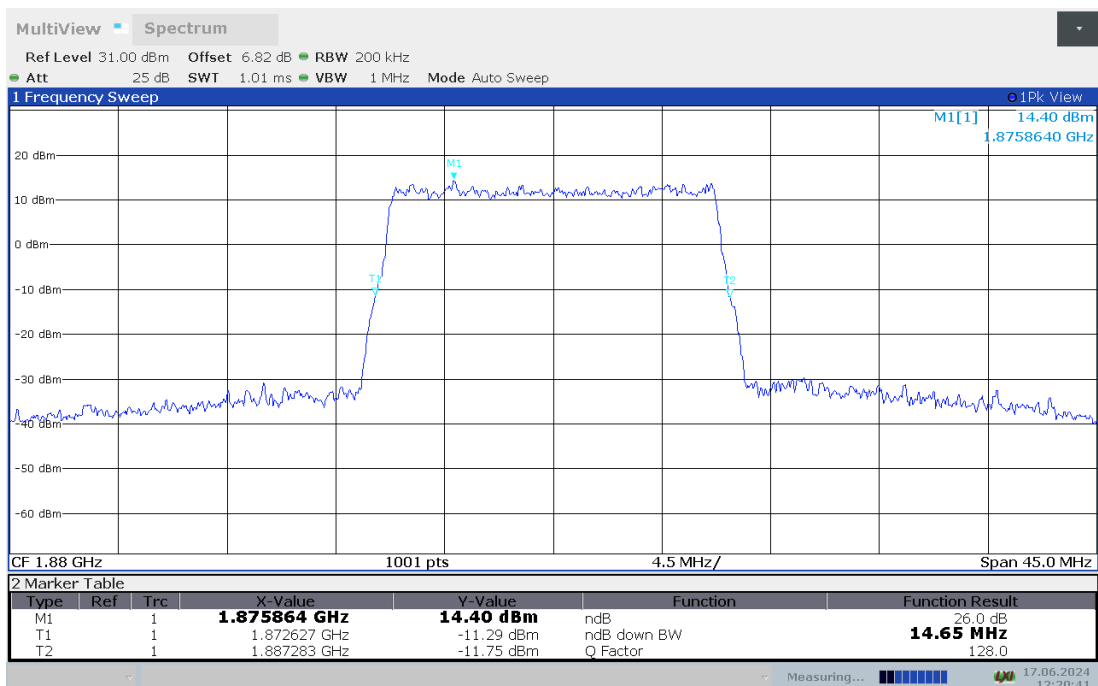
**LTE band 2,15MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1880	14.790	14.655
1857.5	14.655	14.655
1902.5	14.700	14.700

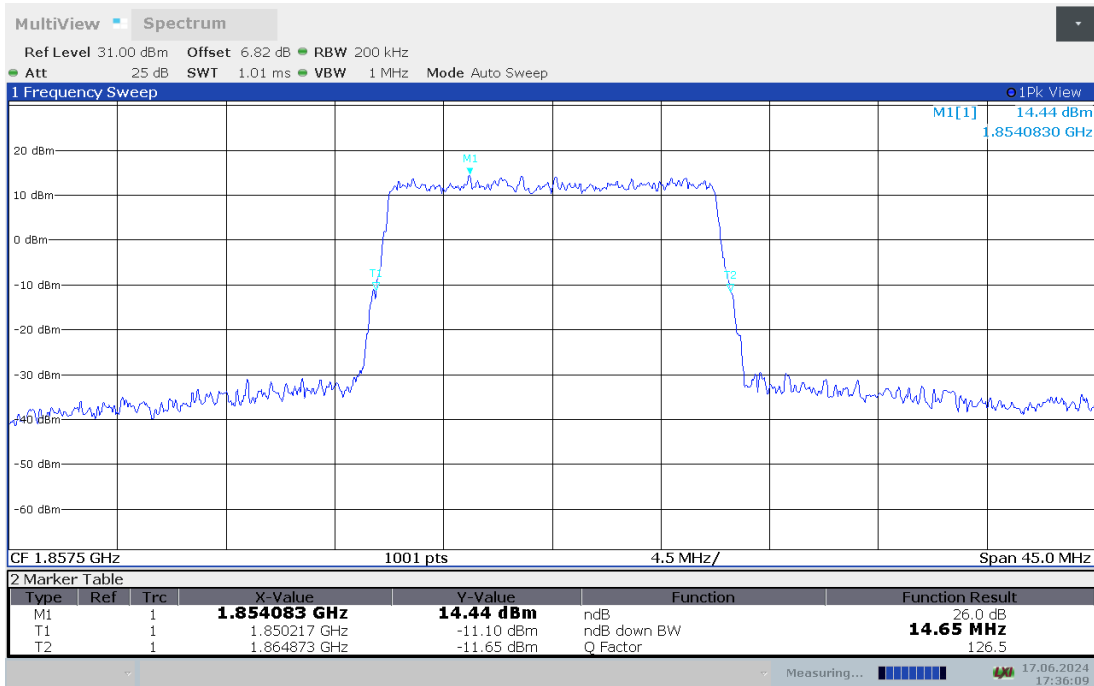
**LTE band 2 , 15MHz Bandwidth,MID,QPSK (-26dBc BW)**



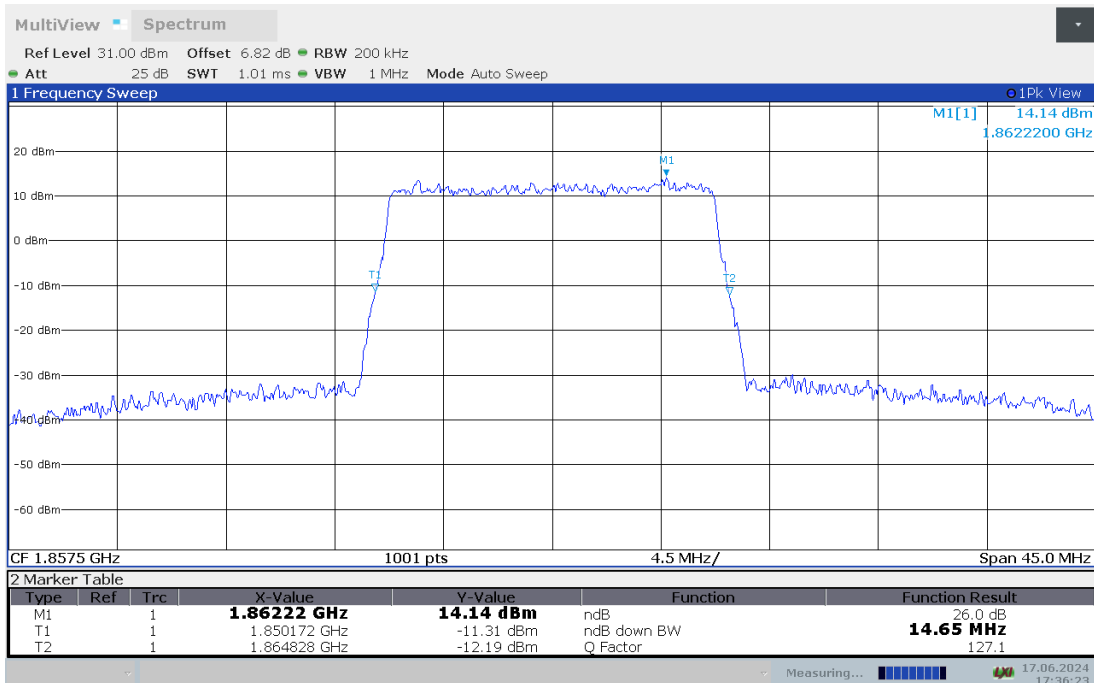
**LTE band 2 , 15MHz Bandwidth,MID,16QAM (-26dBc BW)**



**LTE band 2 , 15MHz Bandwidth,LOW,QPSK (-26dBc BW)**

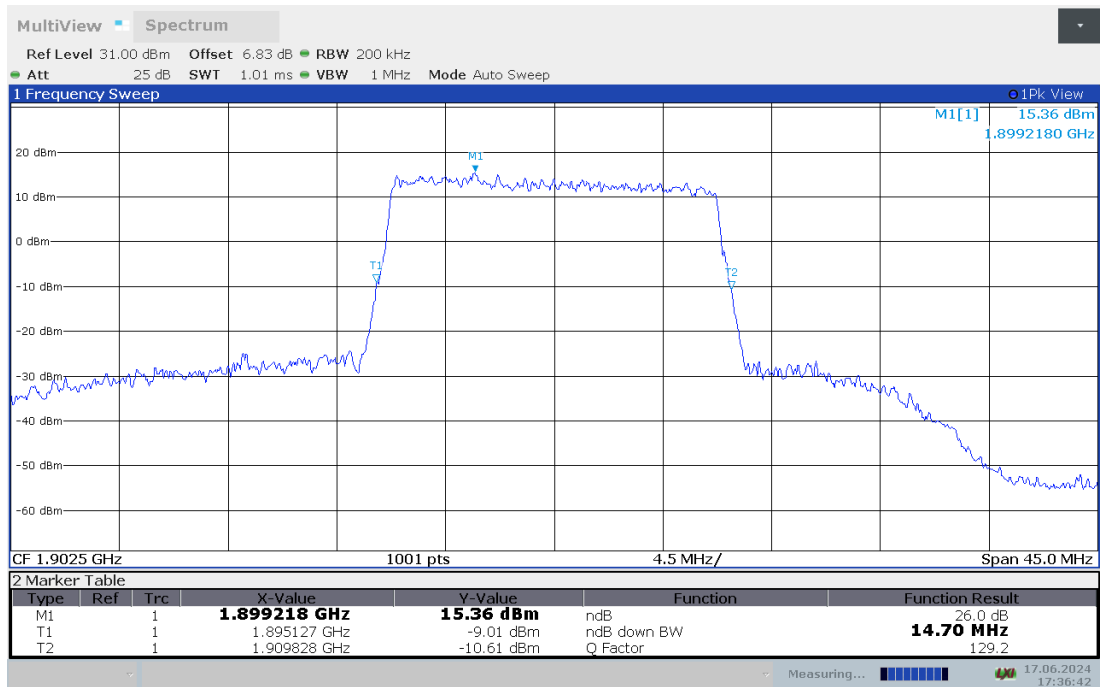


**LTE band 2 , 15MHz Bandwidth,LOW,16QAM (-26dBc BW)**

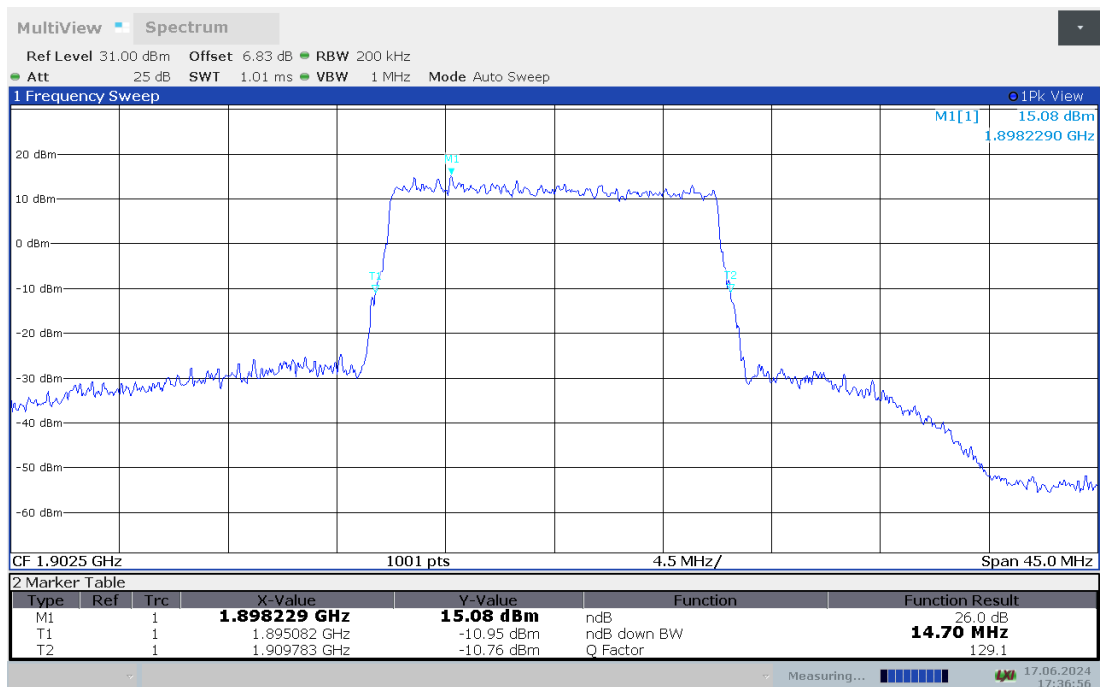


**LTE band 2 , 15MHz Bandwidth,HIGH,QPSK (-26dBc BW)**





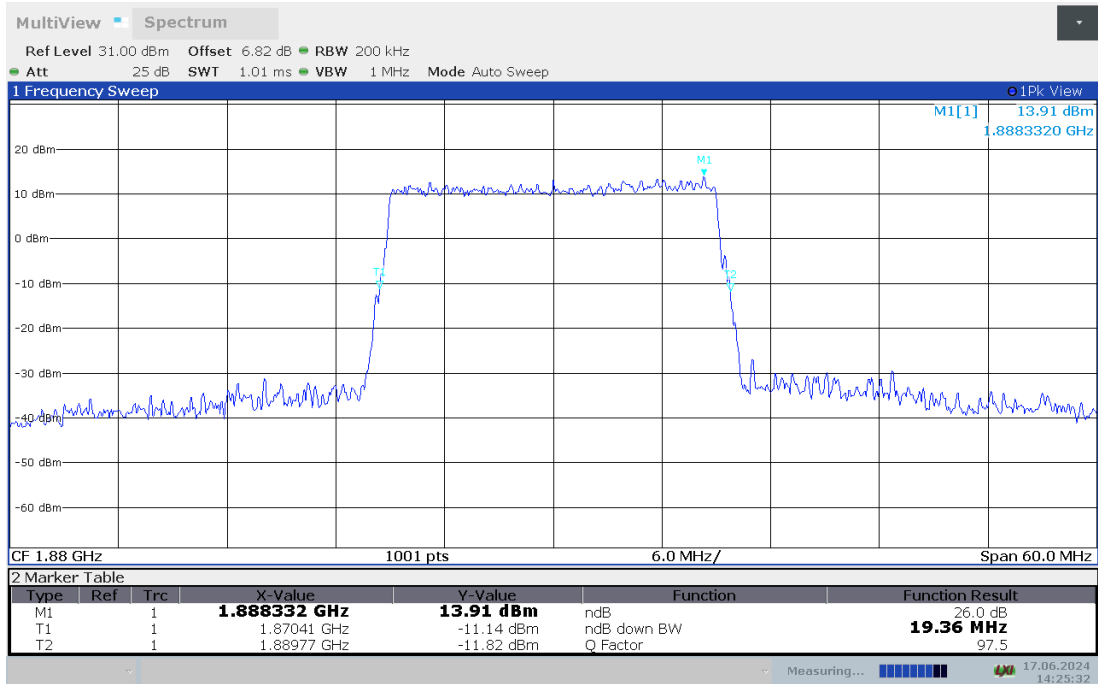
**LTE band 2 , 15MHz Bandwidth,HIGH,16QAM (-26dBc BW)**



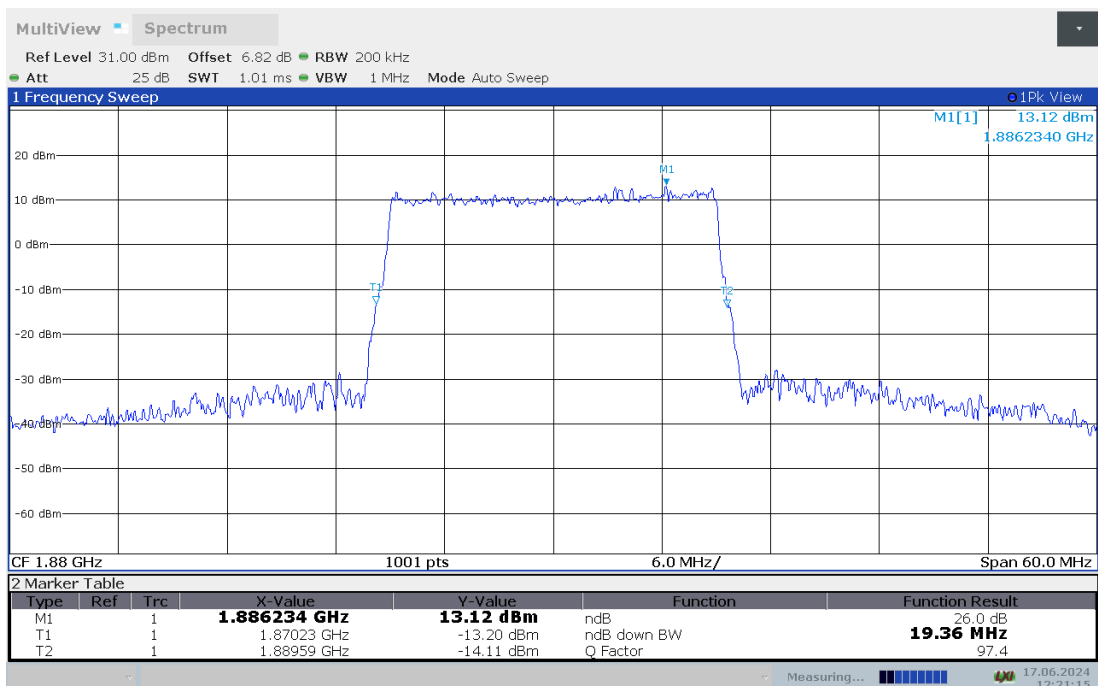
**LTE band 2,20MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1880	19.361	19.361
1860	19.241	19.421
1900	19.241	19.301

**LTE band 2 , 20MHz Bandwidth,MID,QPSK (-26dBc BW)**

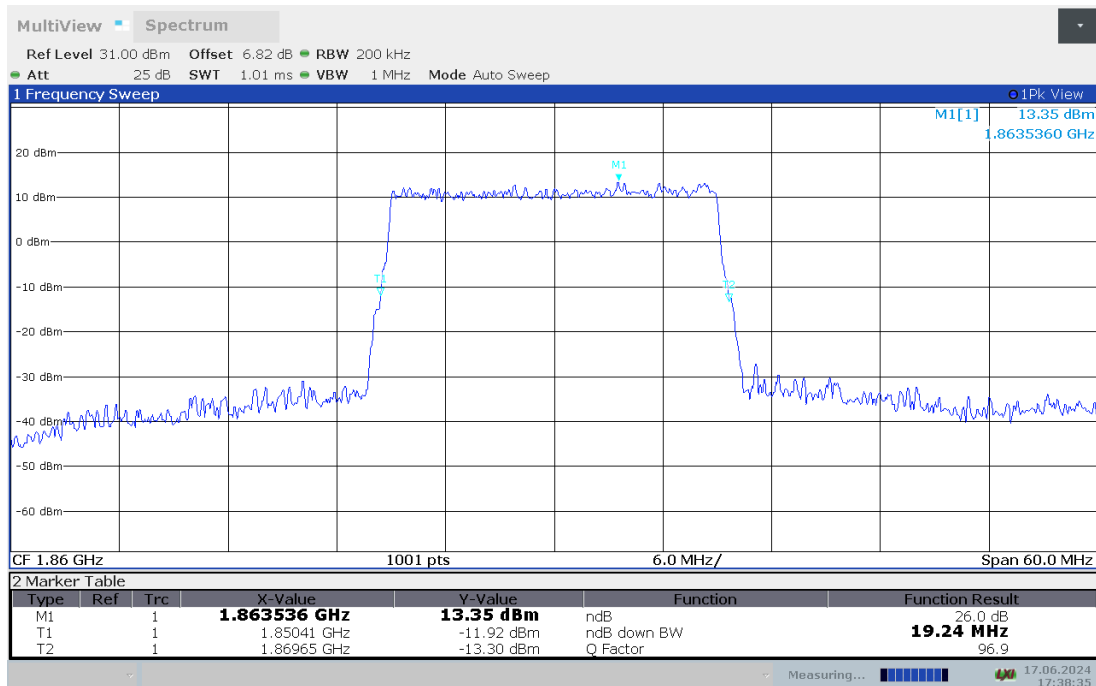


**LTE band 2 , 20MHz Bandwidth,MID,16QAM (-26dBc BW)**

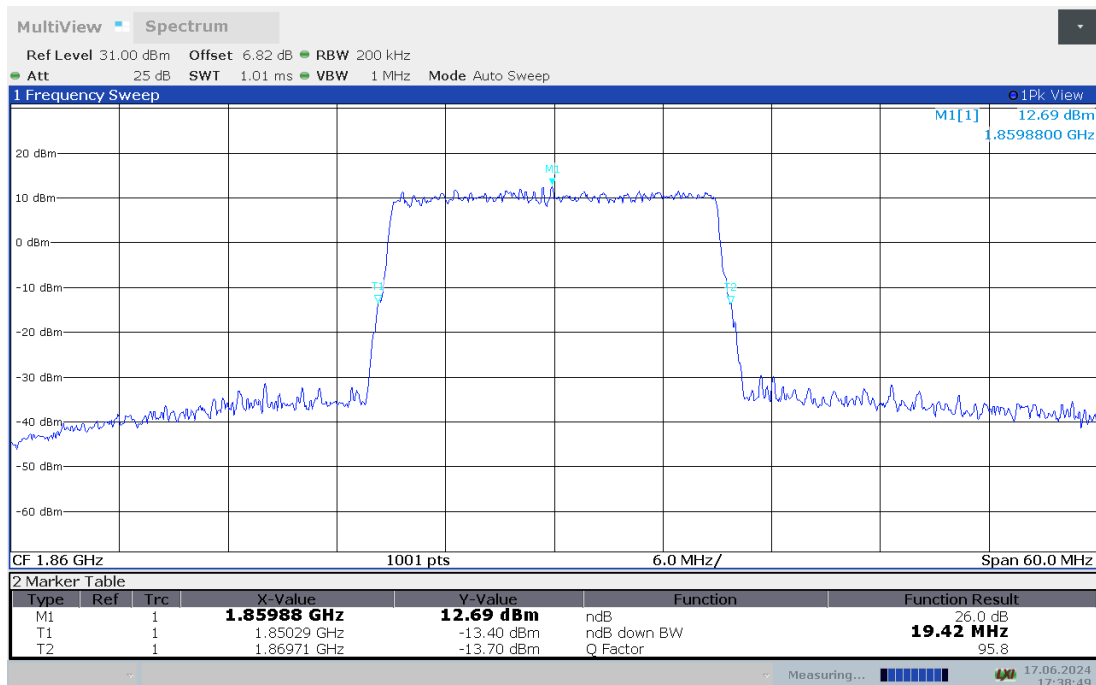




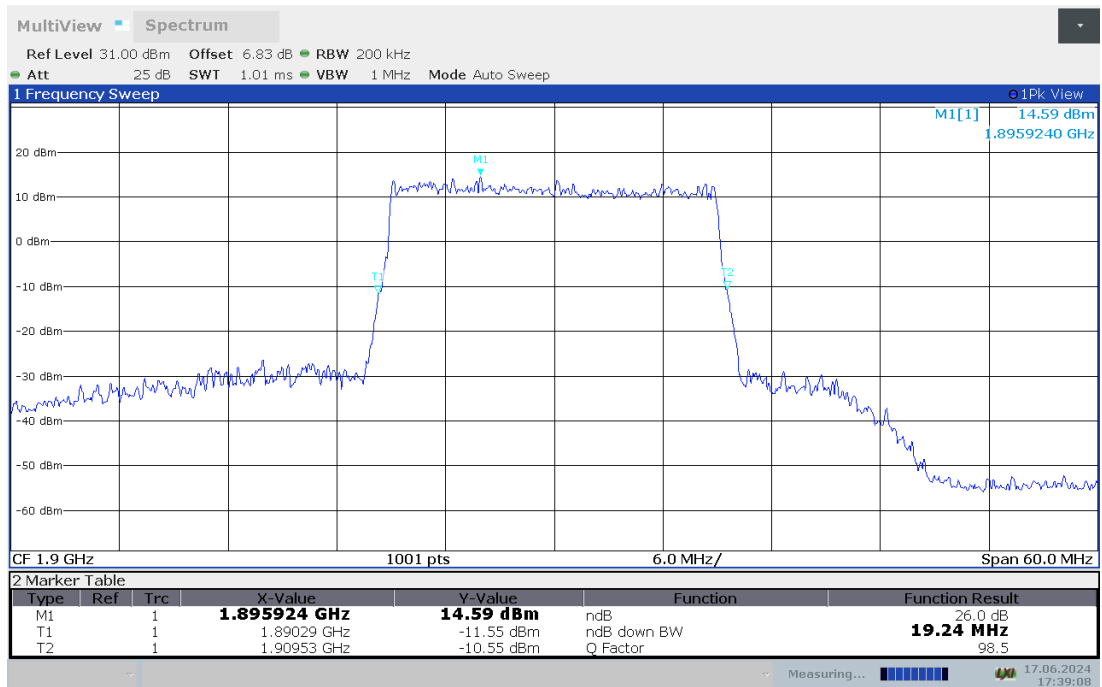
### LTE band 2 , 20MHz Bandwidth,LOW,QPSK (-26dBc BW)



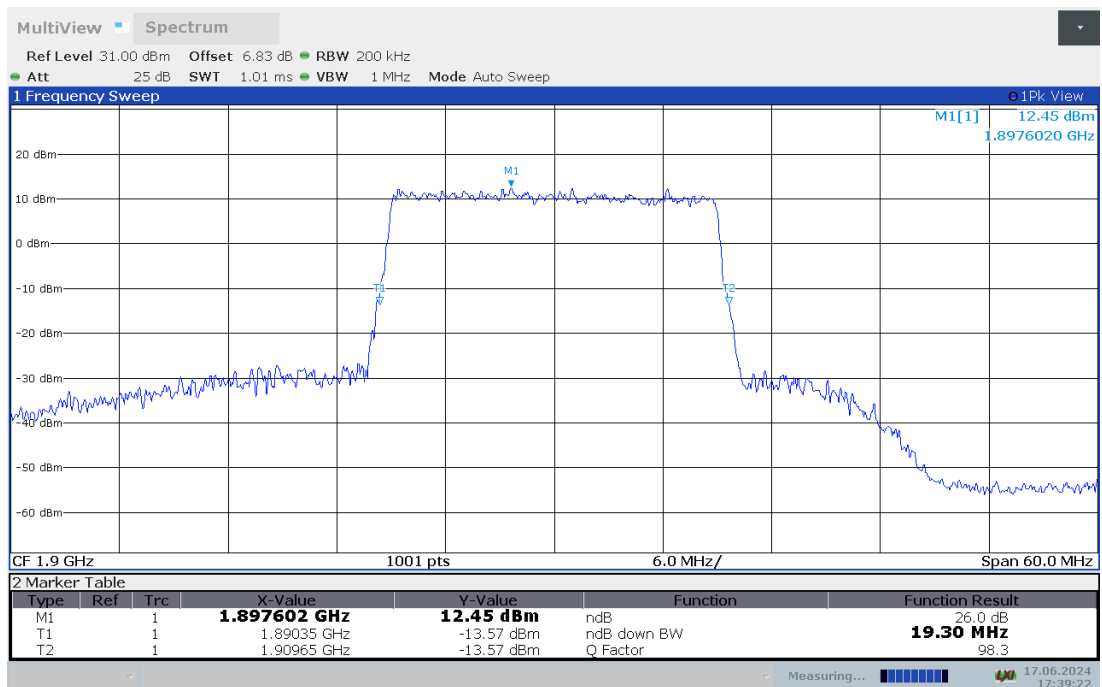
### LTE band 2 , 20MHz Bandwidth,LOW,16QAM (-26dBc BW)



### LTE band 2 , 20MHz Bandwidth,HIGH,QPSK (-26dBc BW)



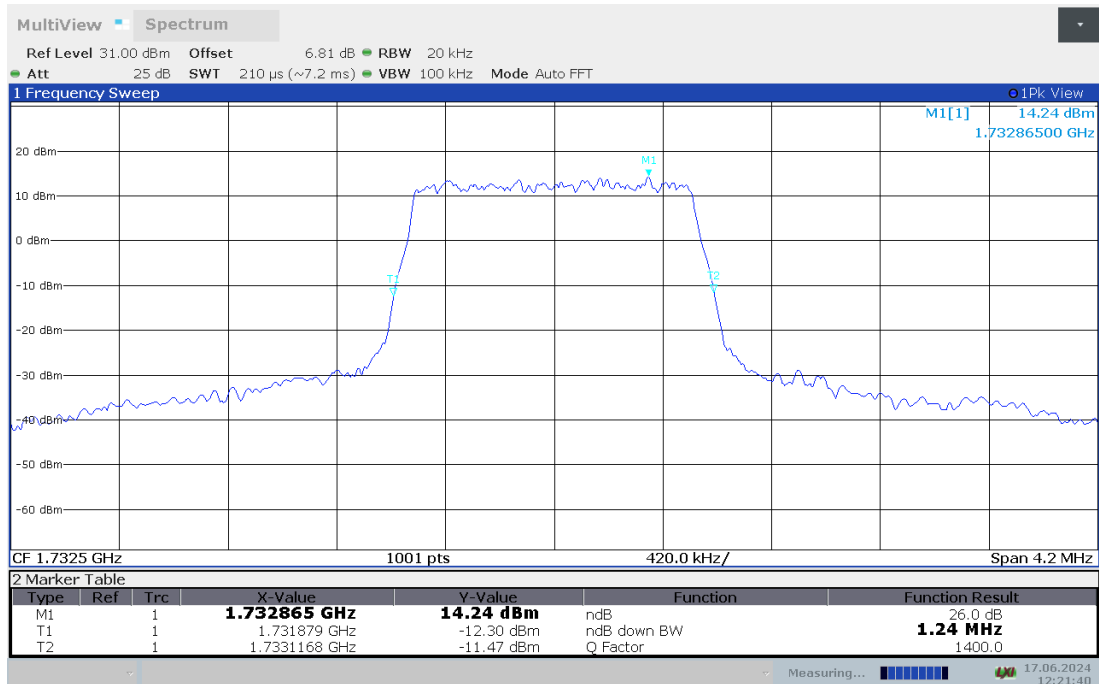
**LTE band 2 , 20MHz Bandwidth,HIGH,16QAM (-26dBc BW)**



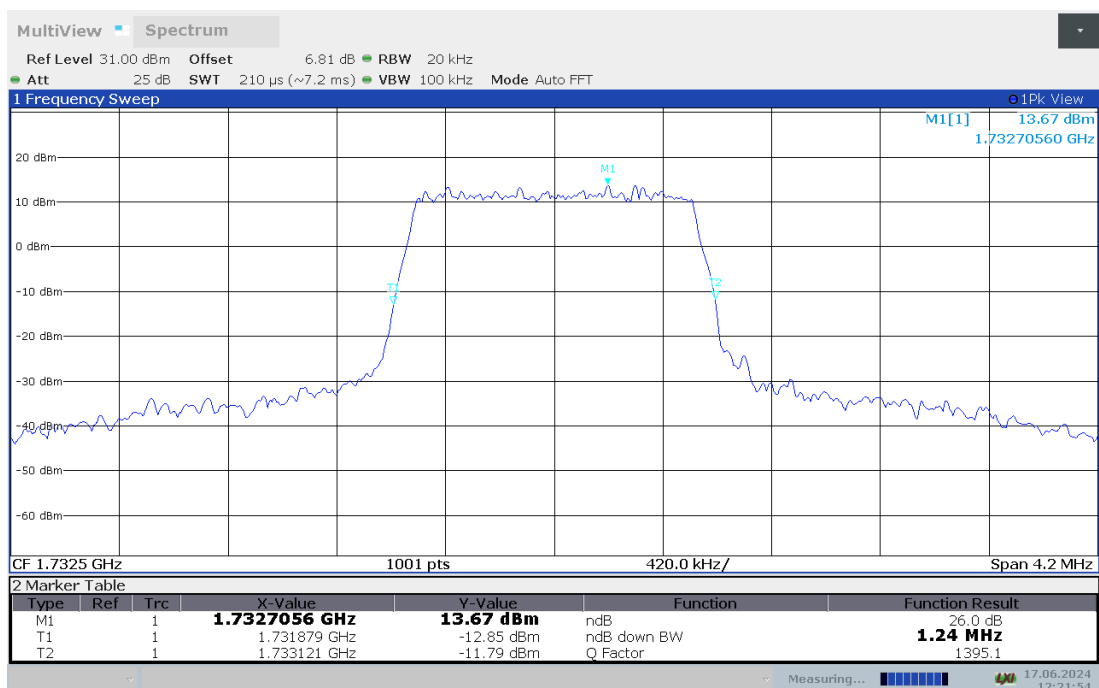
**LTE band 4,1.4MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1732.5	1.238	1.242
1710.7	1.238	1.242
1754.3	1.234	1.238

**LTE band 4 , 1.4MHz Bandwidth,MID,QPSK (-26dBc BW)**

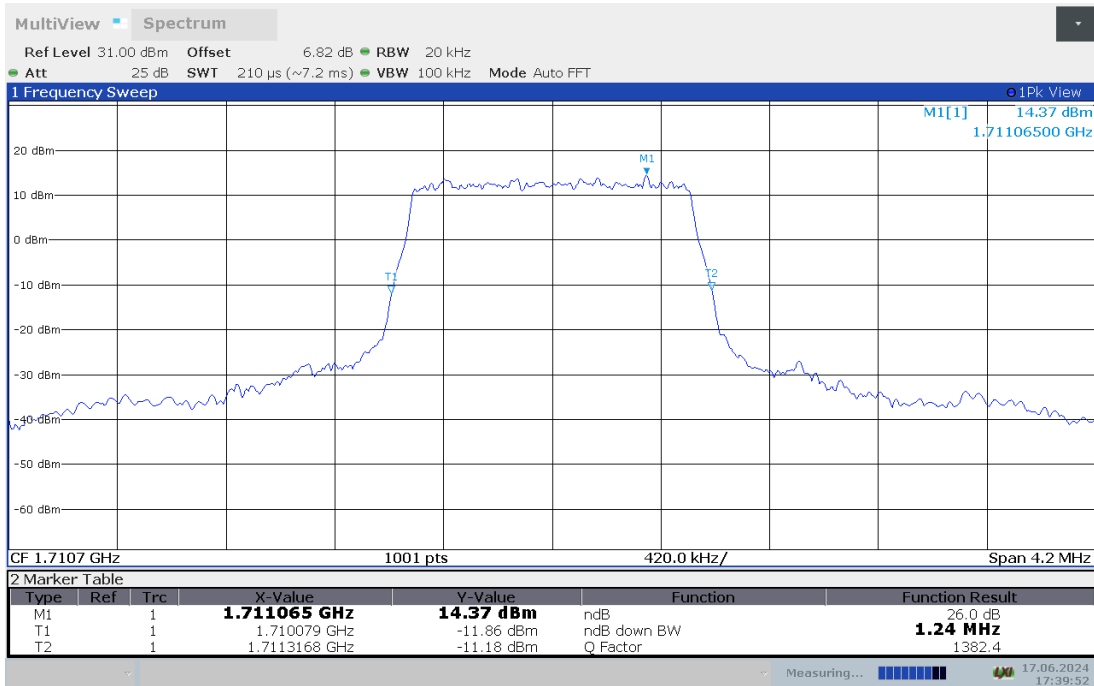


**LTE band 4 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)**

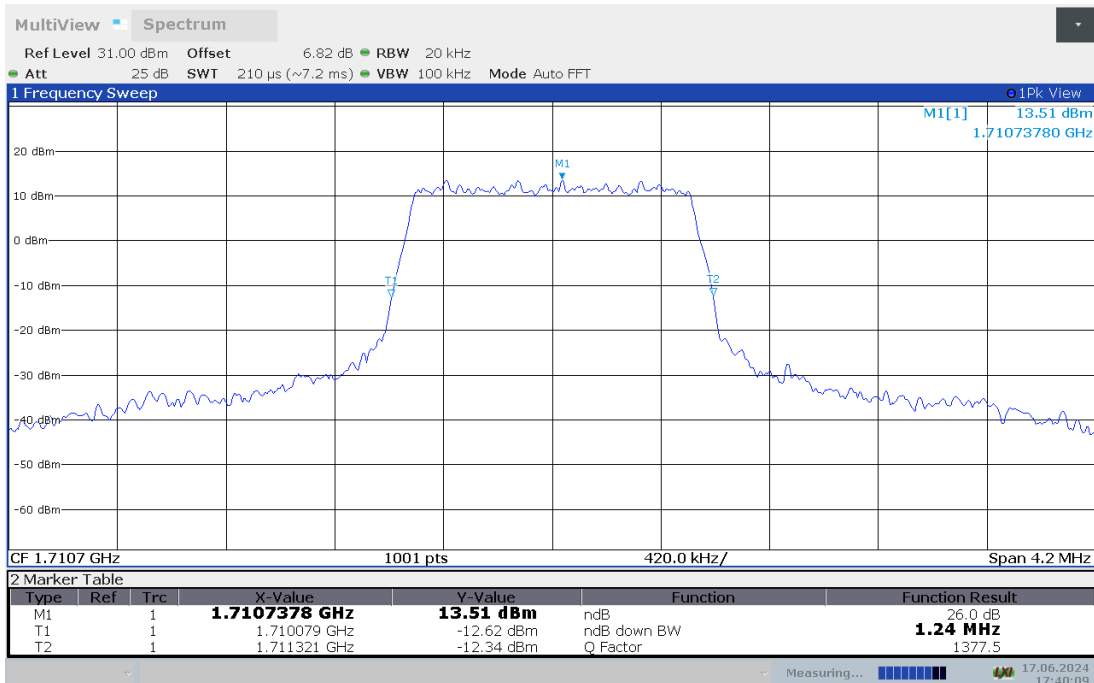




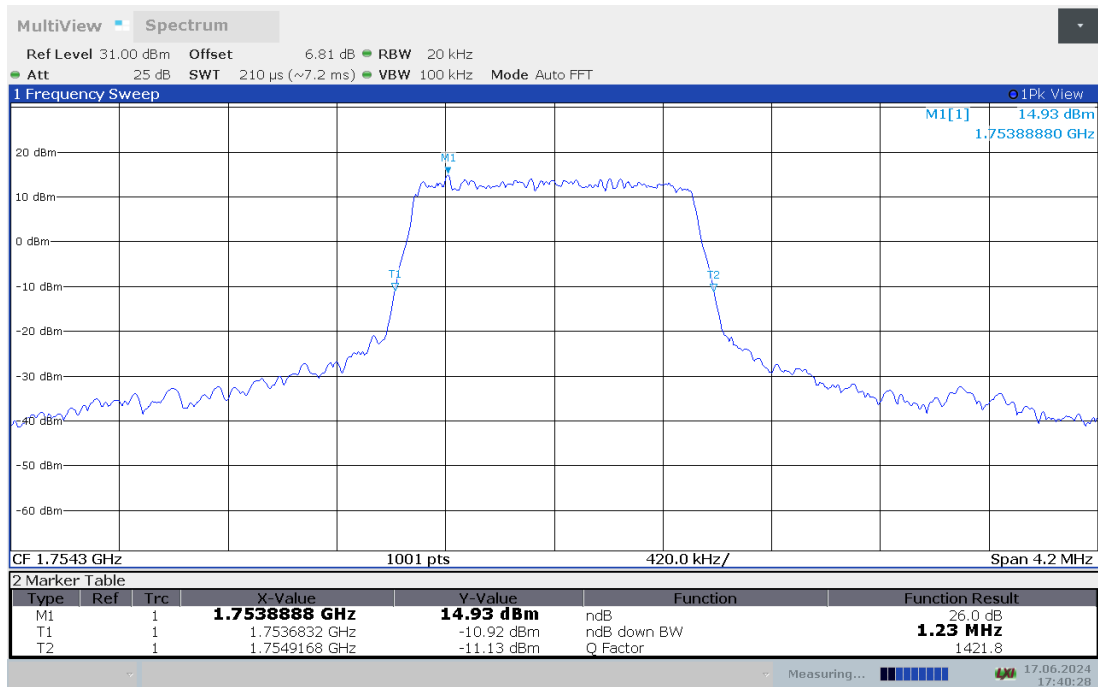
**LTE band 4 , 1.4MHz Bandwidth,LOW,QPSK (-26dBc BW)**



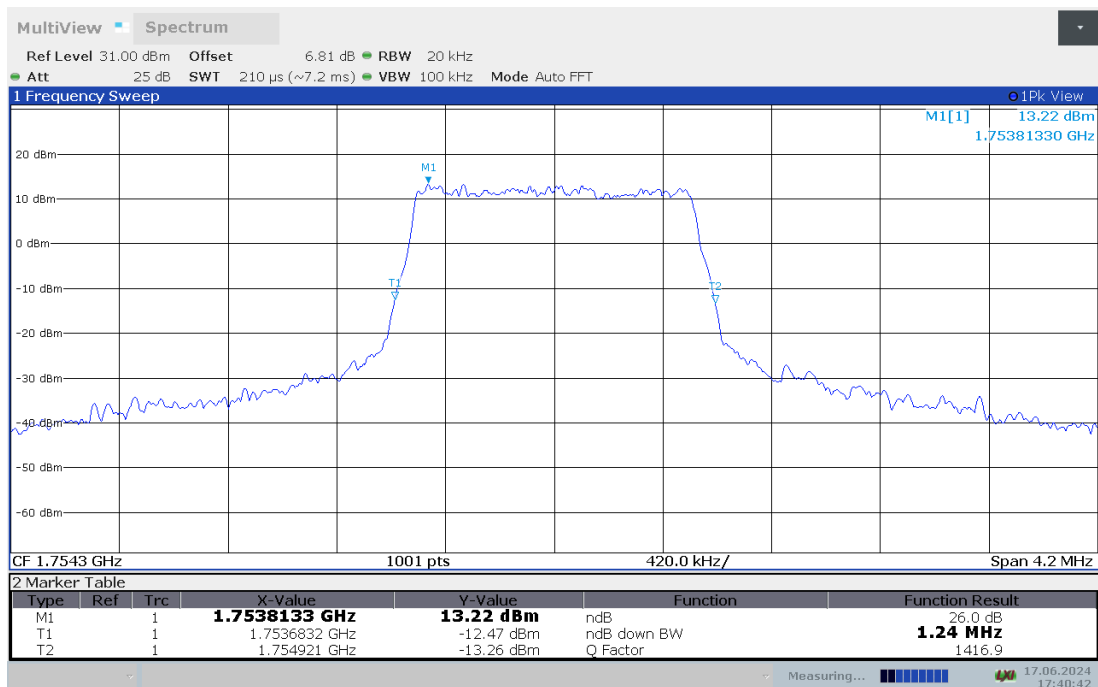
**LTE band 4 , 1.4MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 4 , 1.4MHz Bandwidth,HIGH,QPSK (-26dBc BW)**



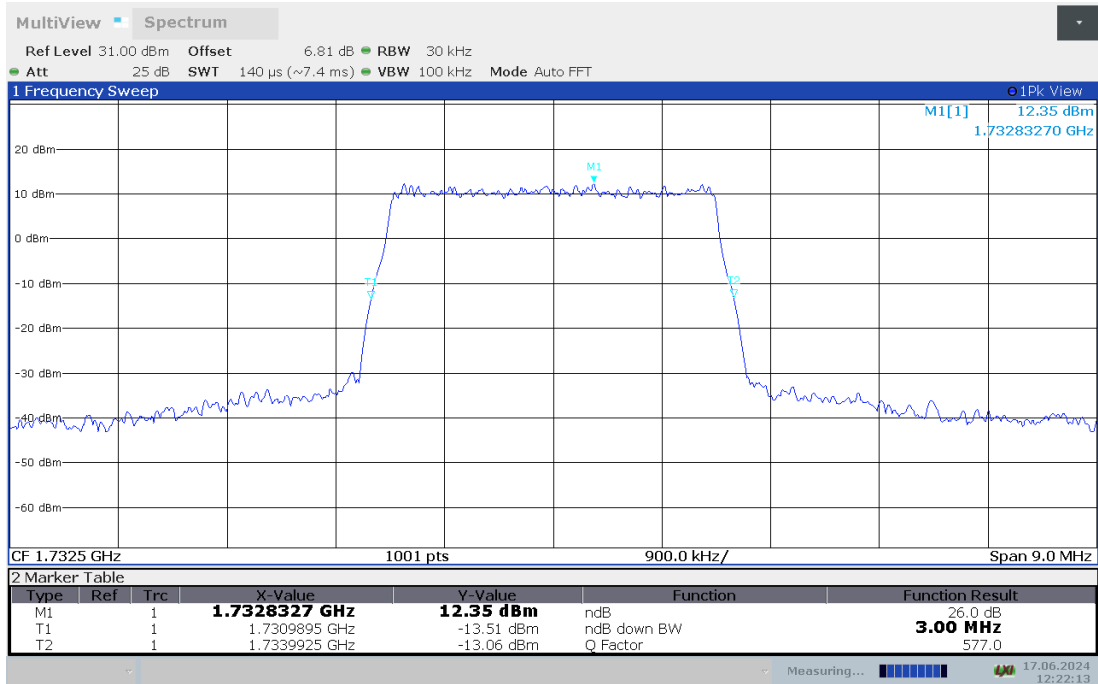
**LTE band 4 , 1.4MHz Bandwidth,HIGH,16QAM (-26dBc BW)**



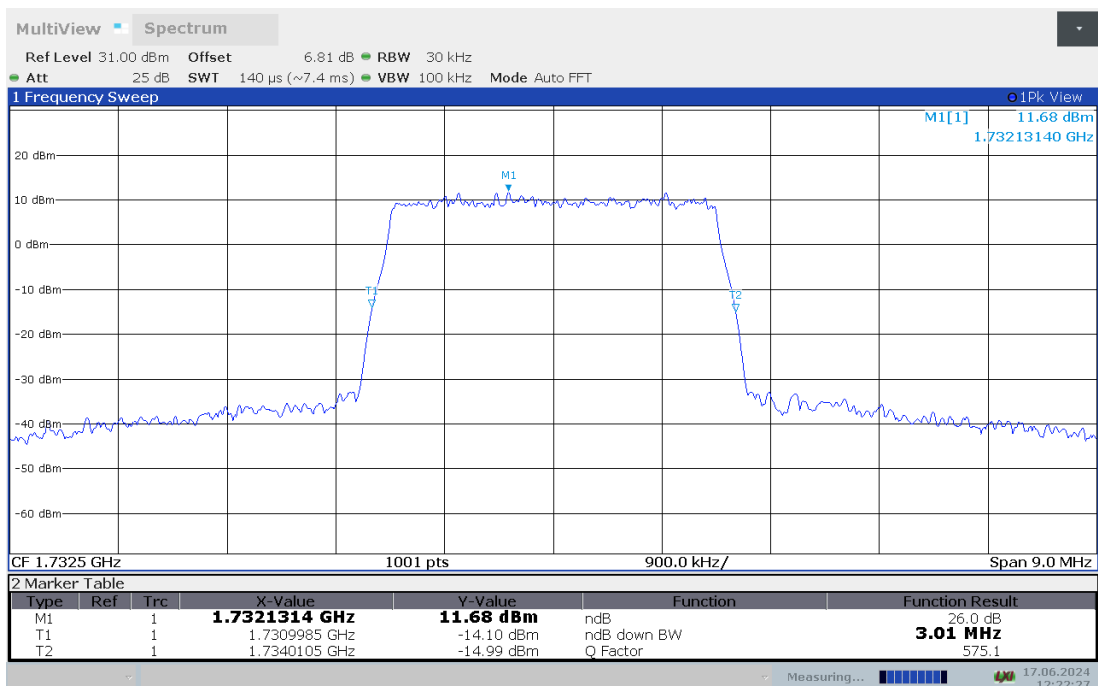
**LTE band 4,3MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1732.5	3.003	3.012
1711.5	2.994	3.012
1753.5	2.994	2.994

**LTE band 4 , 3MHz Bandwidth,MID,QPSK (-26dBc BW)**

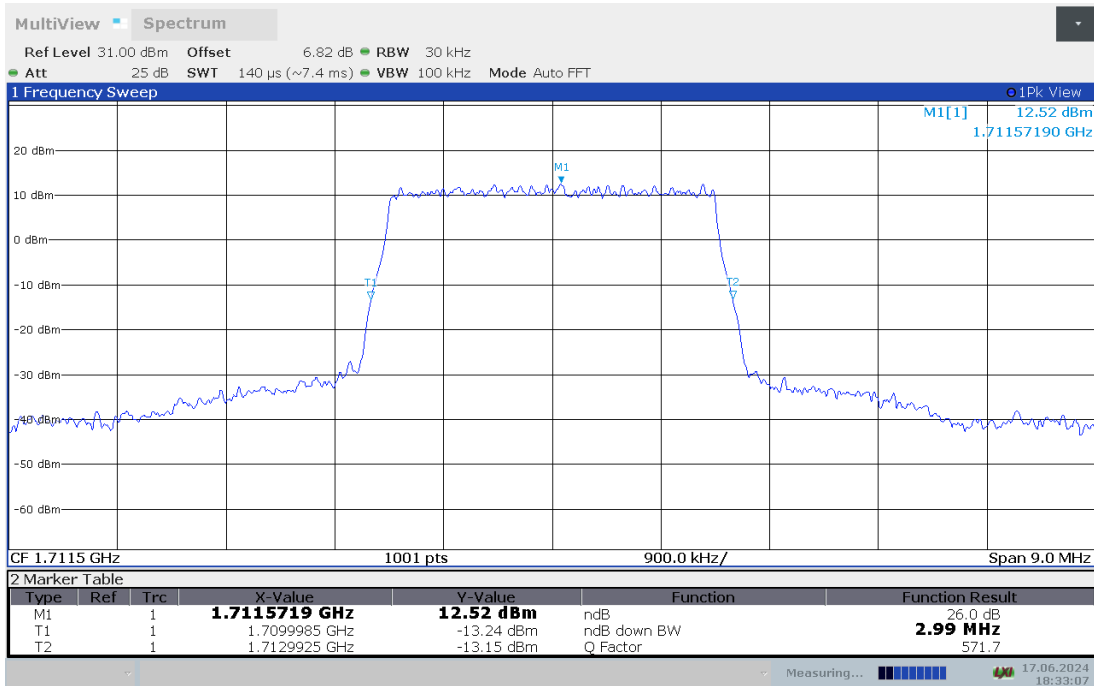


**LTE band 4 , 3MHz Bandwidth,MID,16QAM (-26dBc BW)**

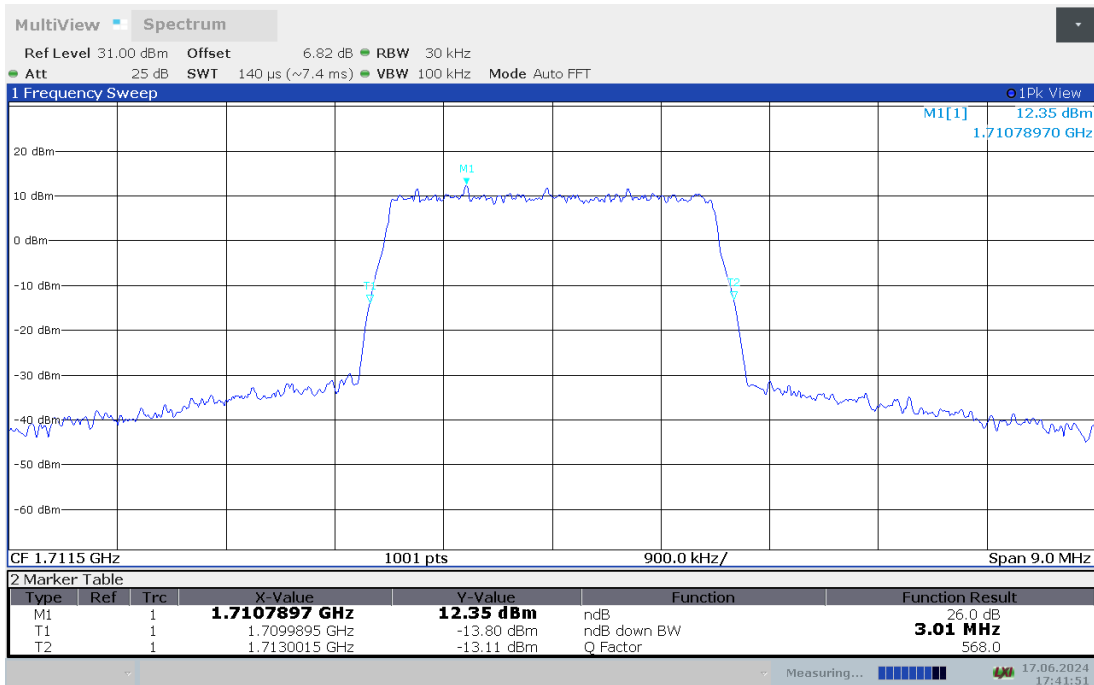




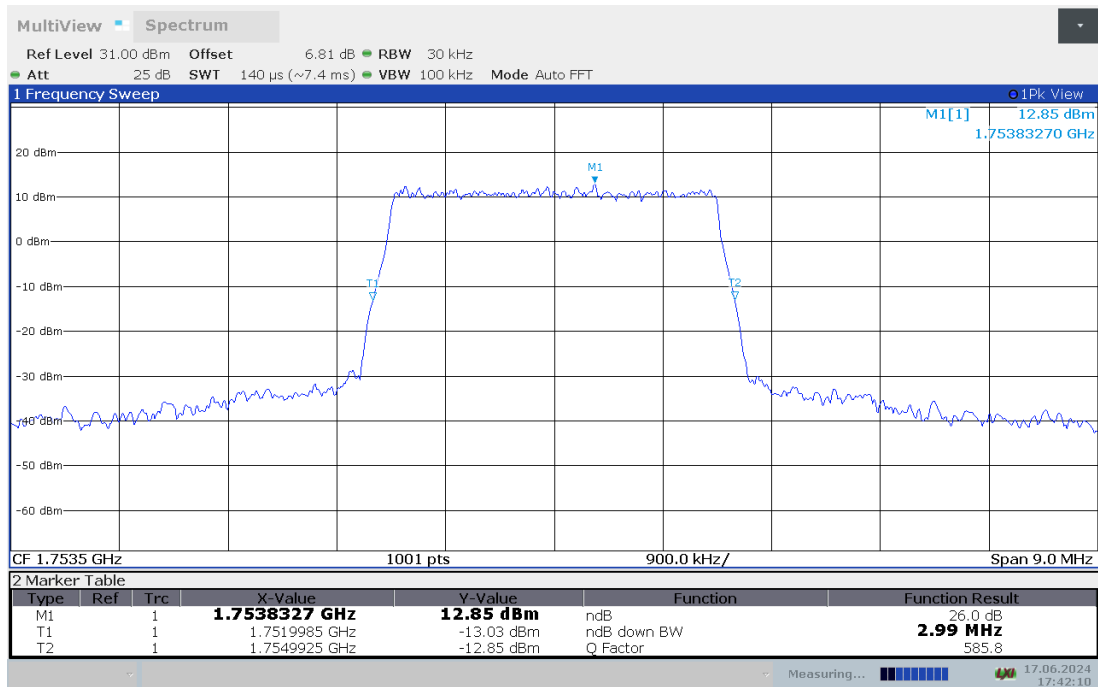
**LTE band 4 , 3MHz Bandwidth,LOW,QPSK (-26dBc BW)**



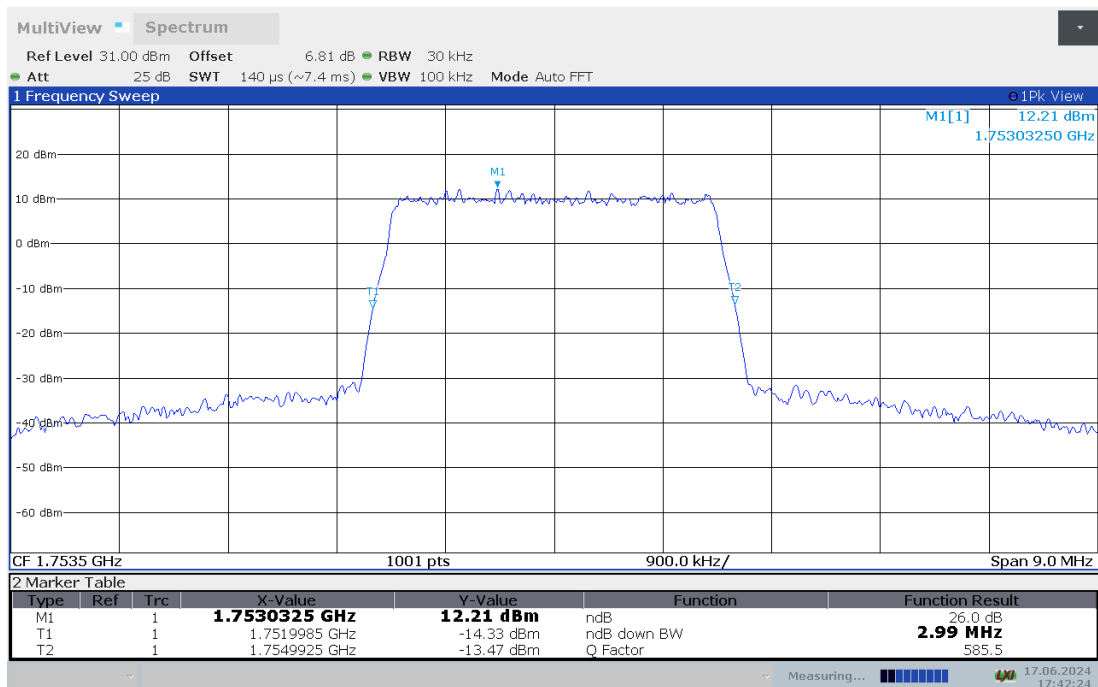
**LTE band 4 , 3MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 4 , 3MHz Bandwidth,HIGH,QPSK (-26dBc BW)**



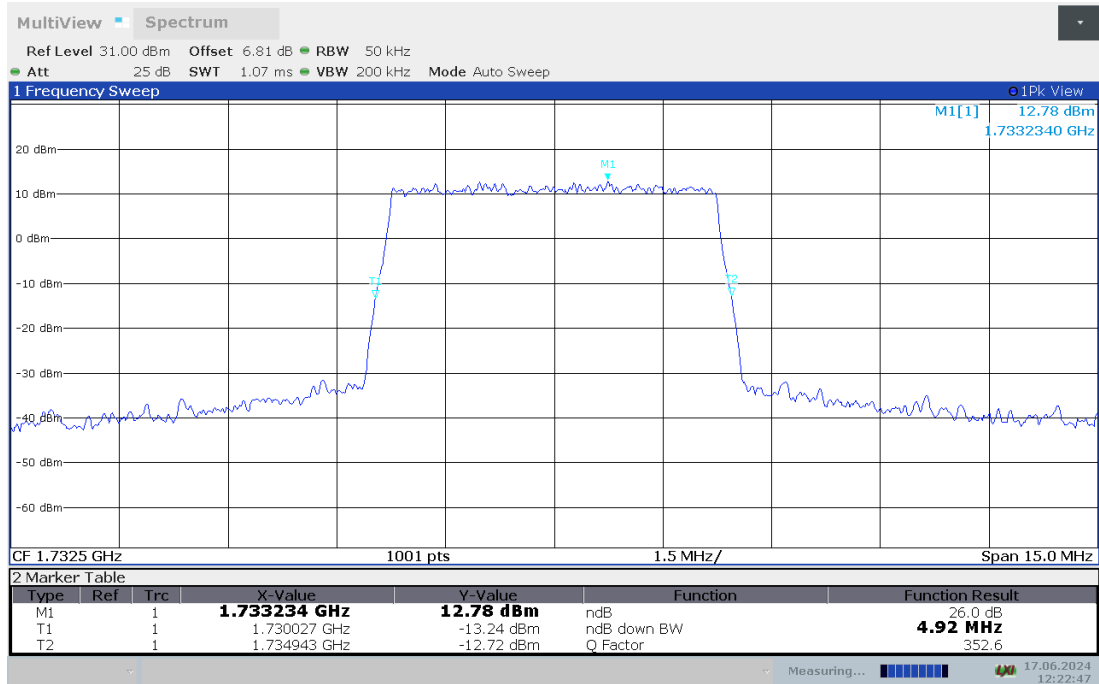
**LTE band 4 , 3MHz Bandwidth,HIGH,16QAM (-26dBc BW)**



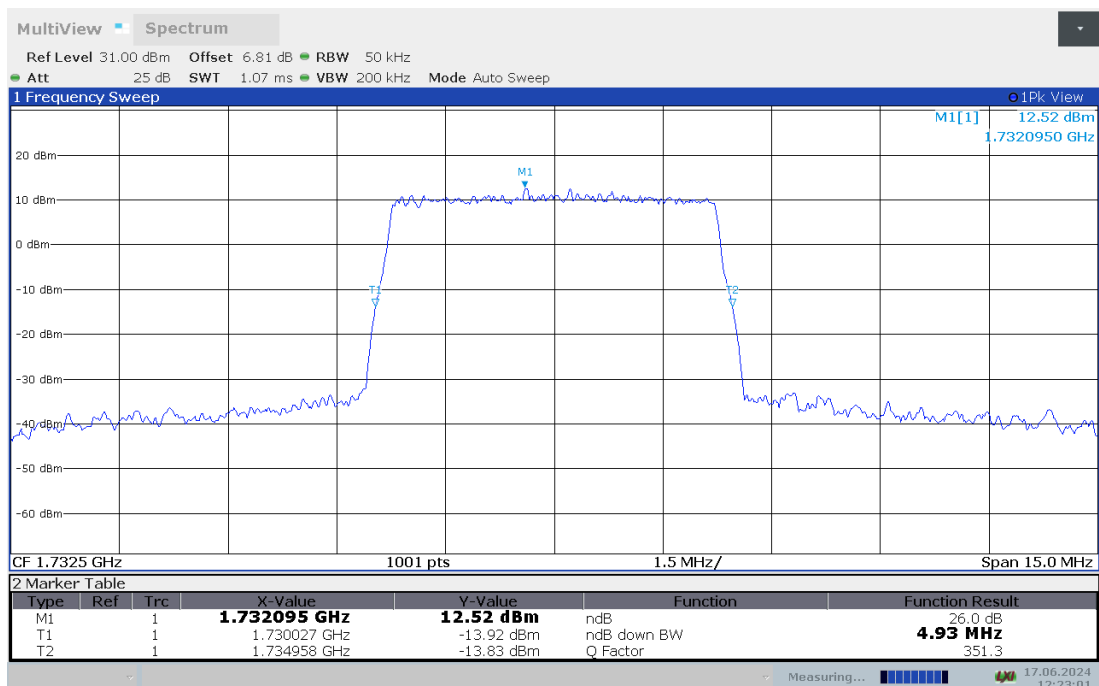
**LTE band 4,5MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1732.5	4.915	4.930
1712.5	4.930	4.900
1752.5	4.945	4.930

**LTE band 4 , 5MHz Bandwidth,MID,QPSK (-26dBc BW)**

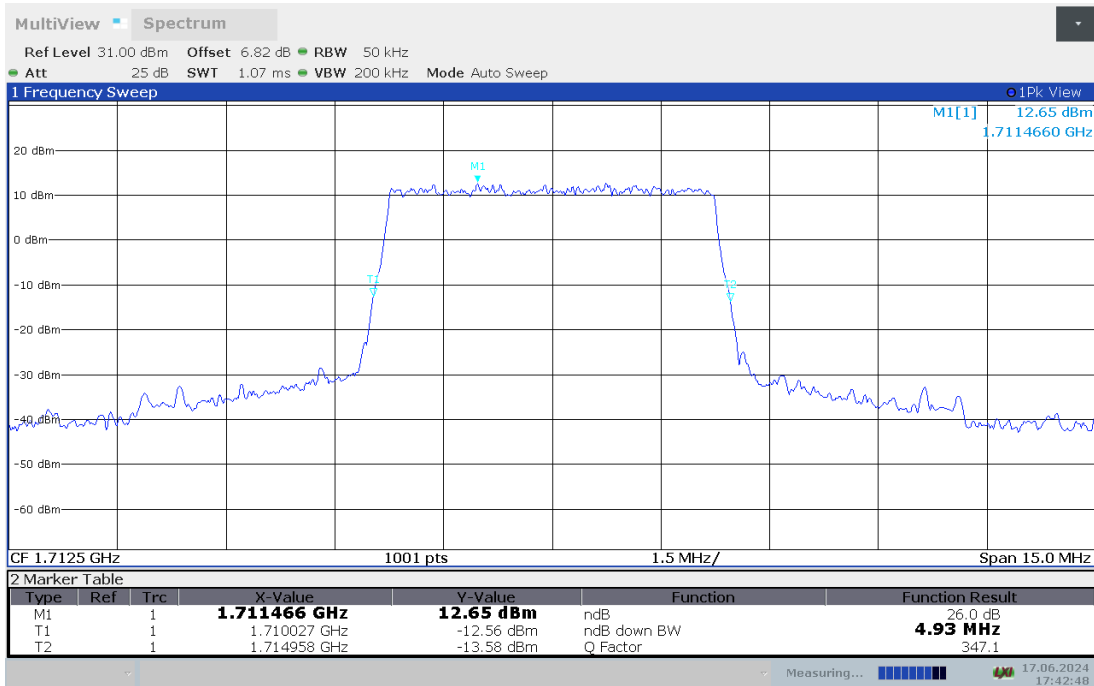


**LTE band 4 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)**

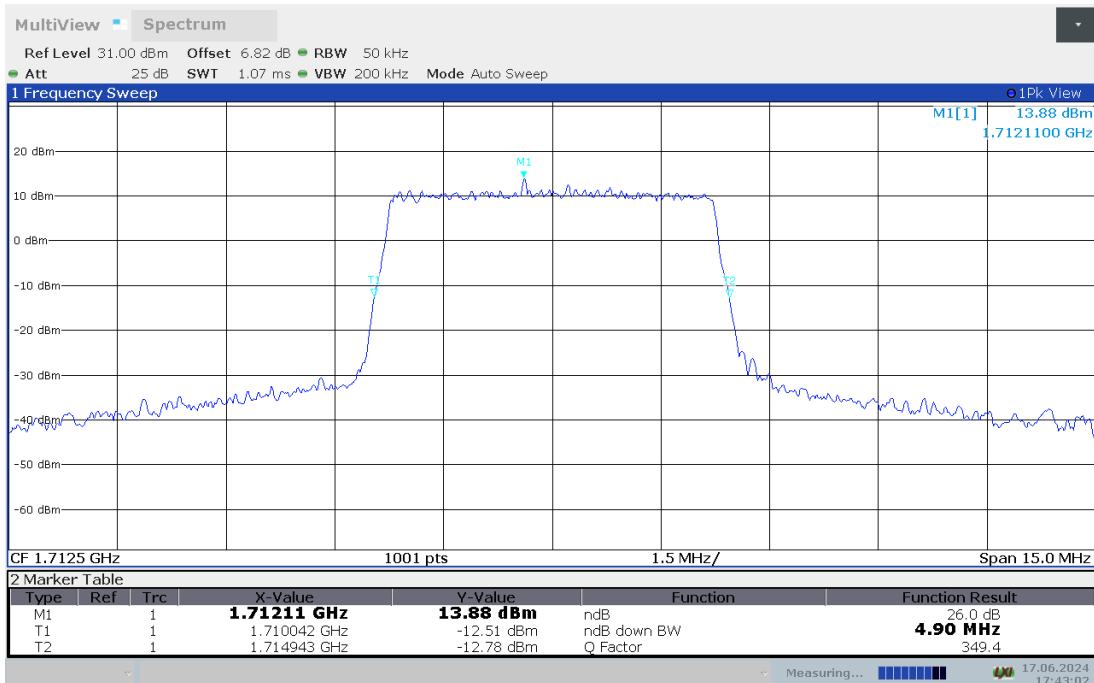




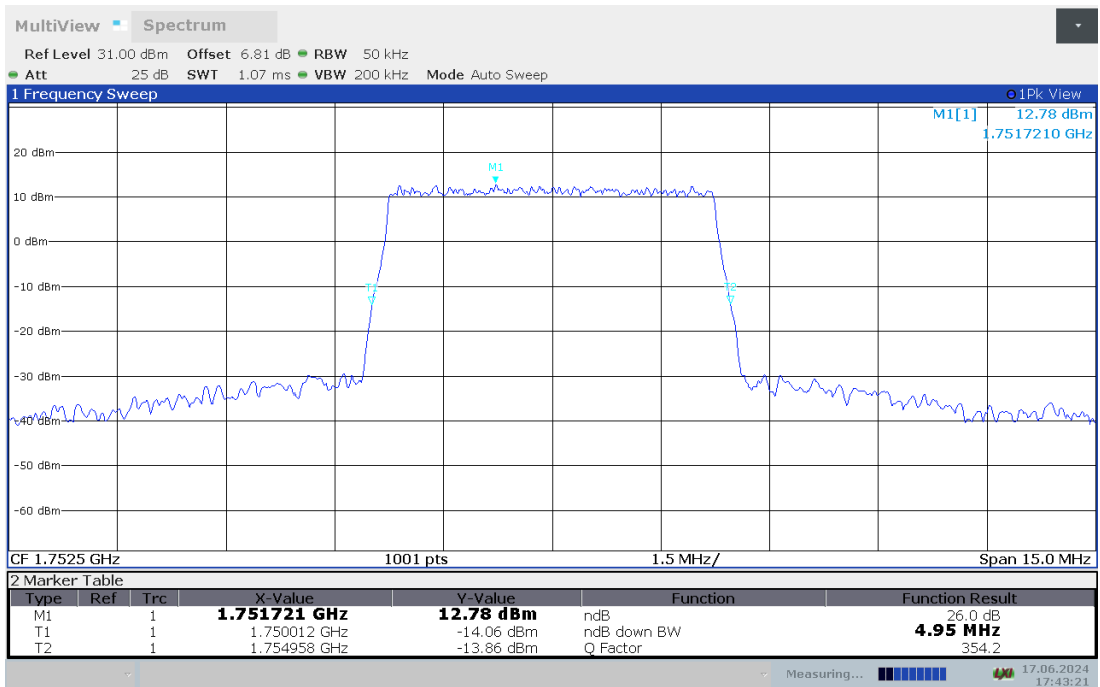
LTE band 4 , 5MHz Bandwidth,LOW,QPSK (-26dBc BW)



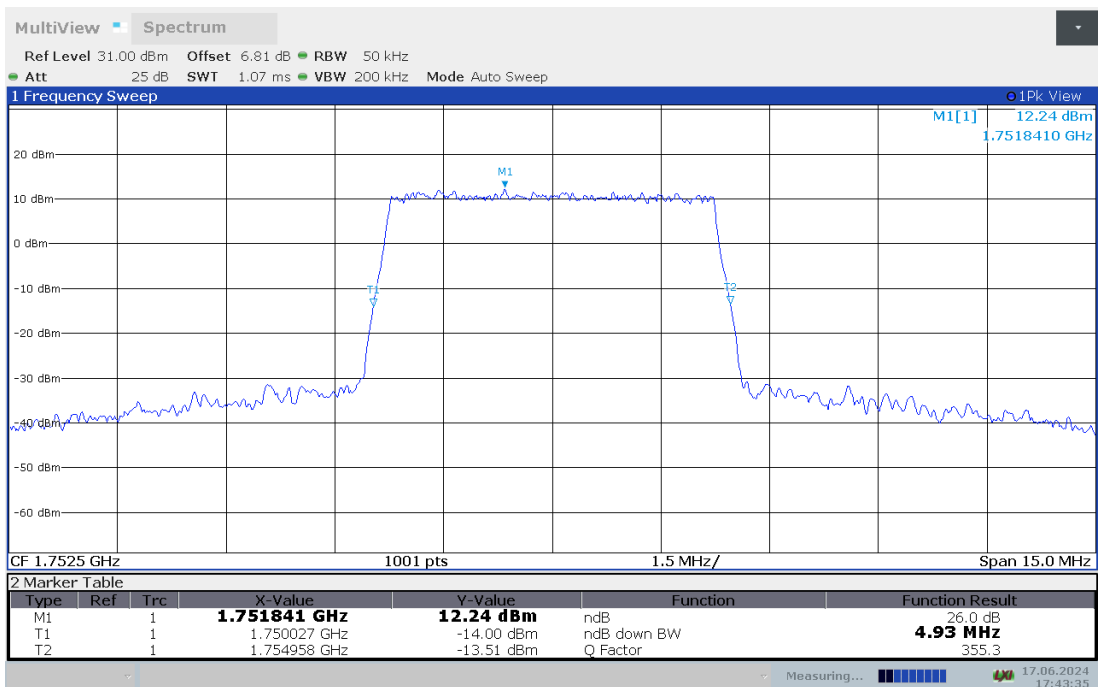
LTE band 4 , 5MHz Bandwidth,LOW,16QAM (-26dBc BW)



LTE band 4 , 5MHz Bandwidth,HIGH,QPSK (-26dBc BW)



**LTE band 4 , 5MHz Bandwidth,HIGH,16QAM (-26dBc BW)**

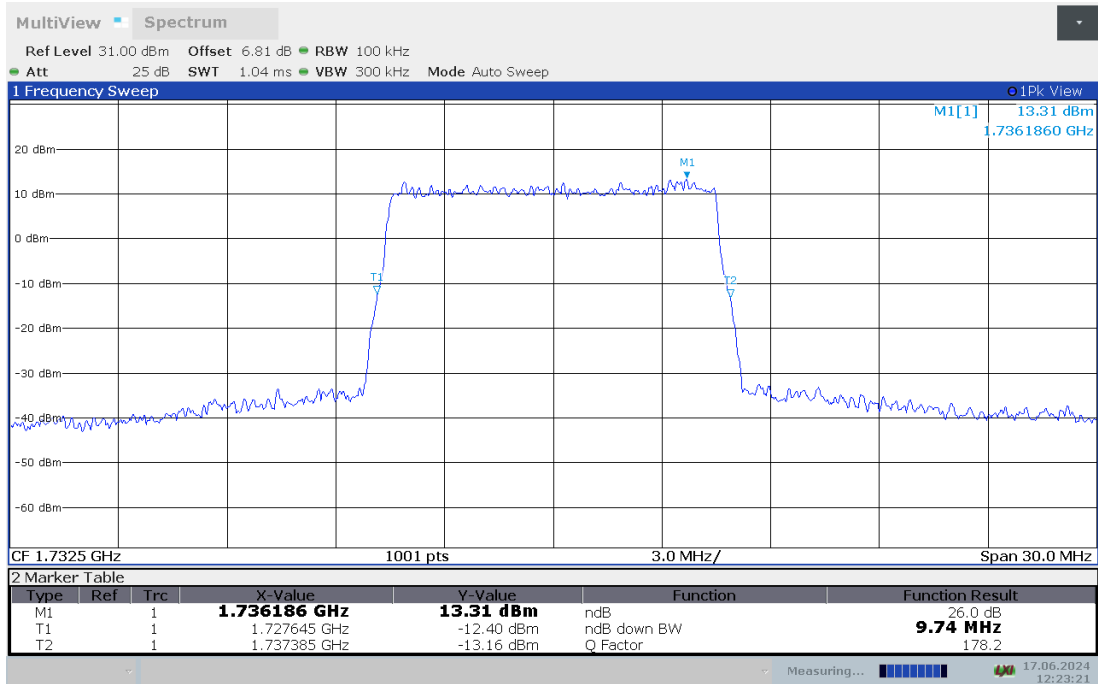




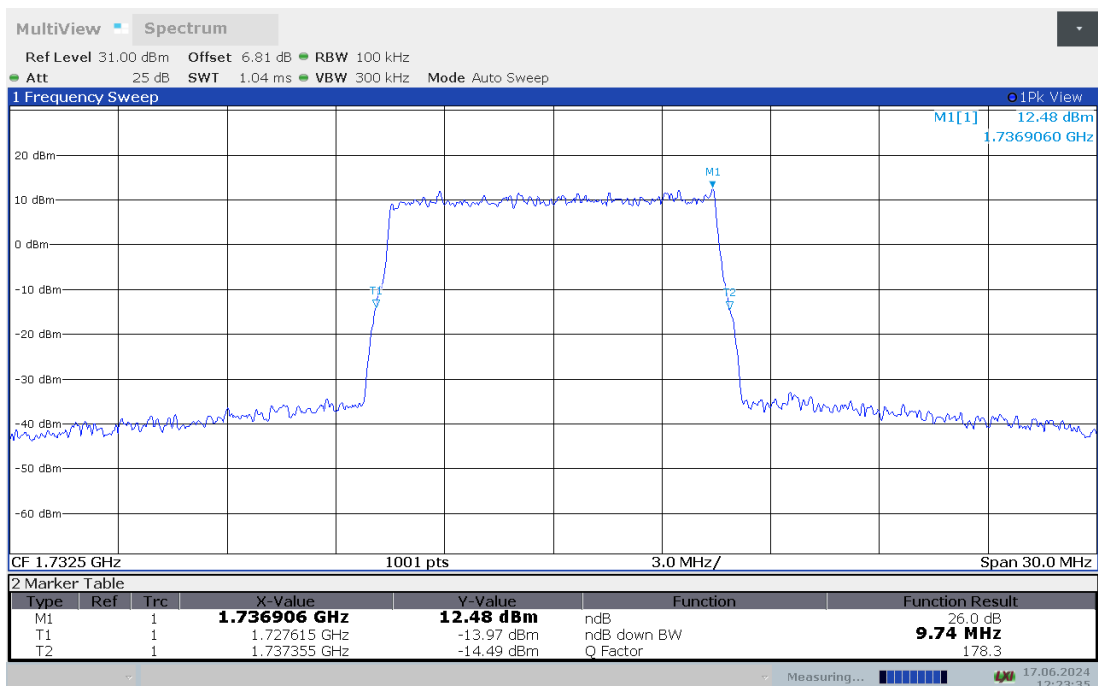
**LTE band 4,10MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1732.5	9.740	9.740
1715	9.680	9.740
1750	9.710	9.740

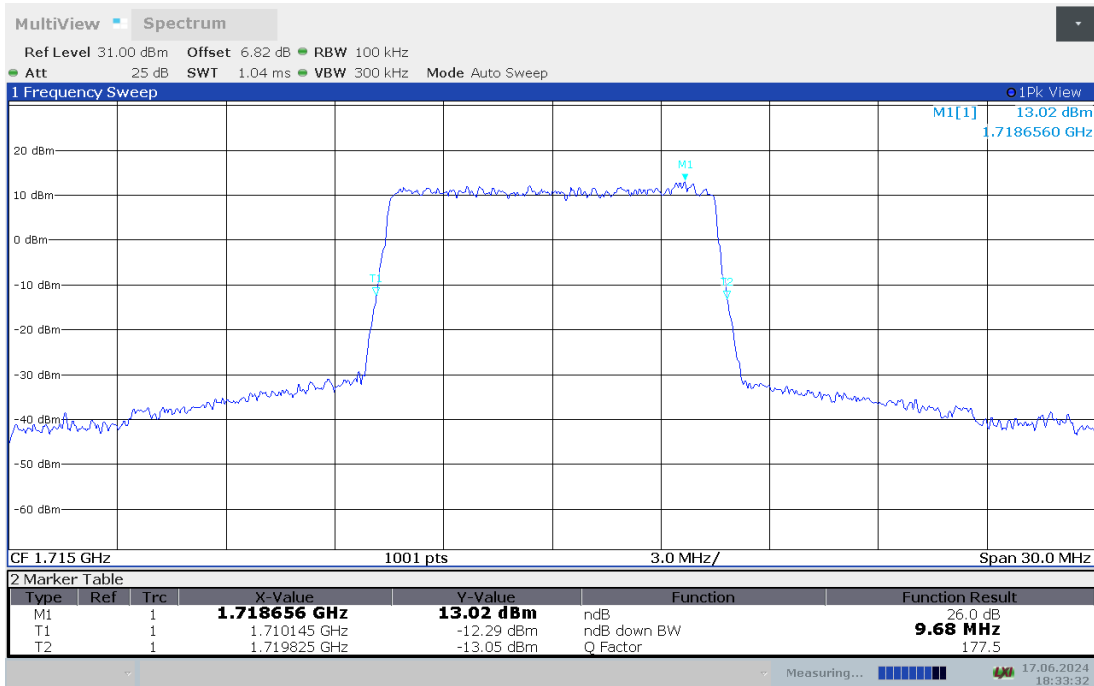
**LTE band 4 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)**



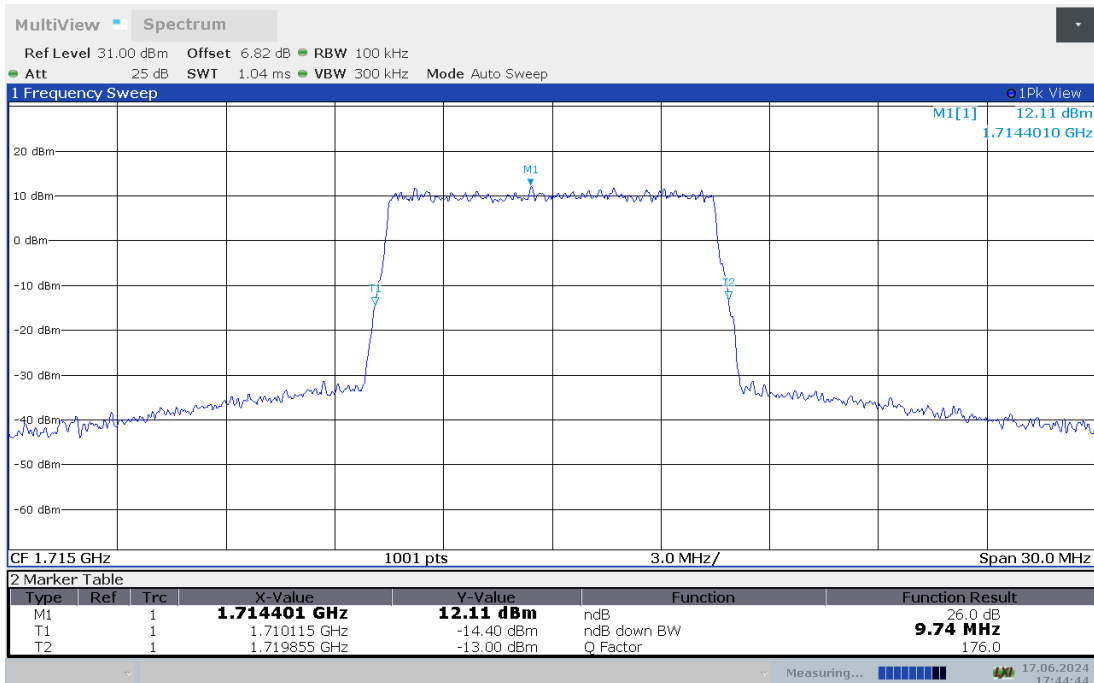
**LTE band 4 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)**



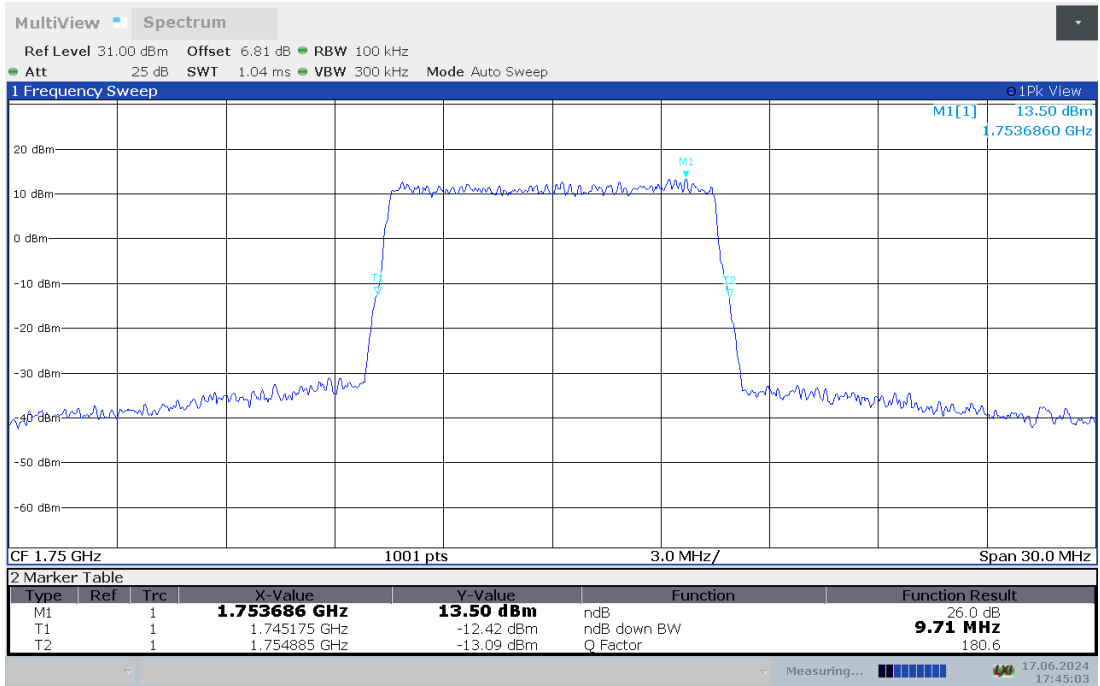
**LTE band 4 , 10MHz Bandwidth,LOW,QPSK (-26dBc BW)**



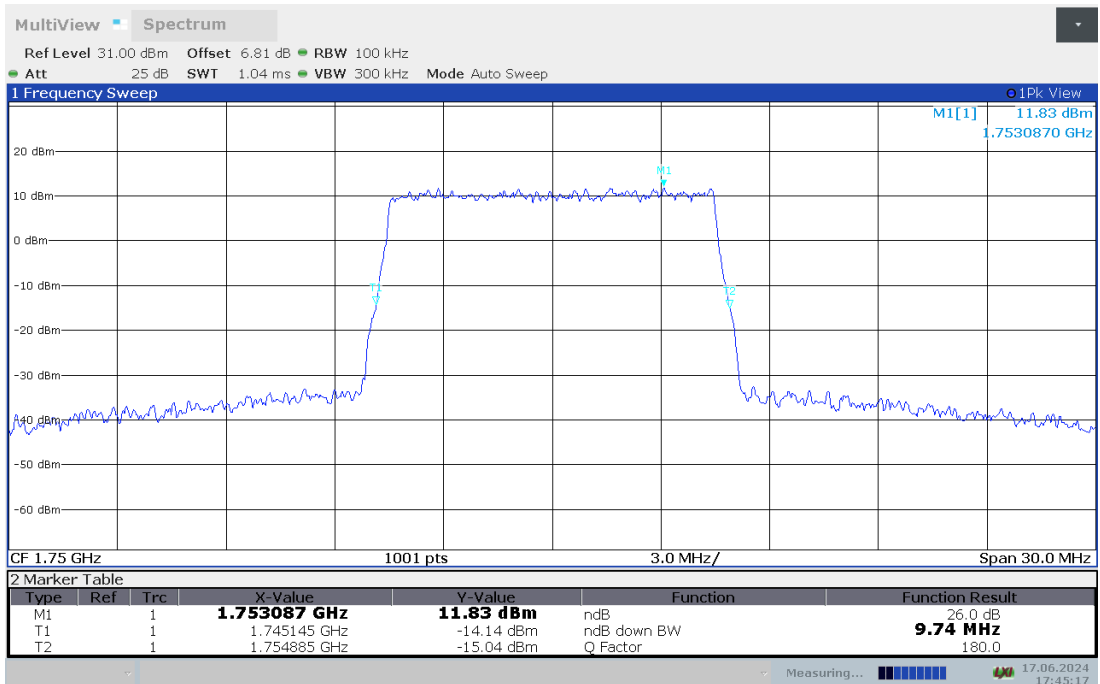
**LTE band 4 , 10MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 4 , 10MHz Bandwidth,HIGH,QPSK (-26dBc BW)**



**LTE band 4 , 10MHz Bandwidth,HIGH,16QAM (-26dBc BW)**

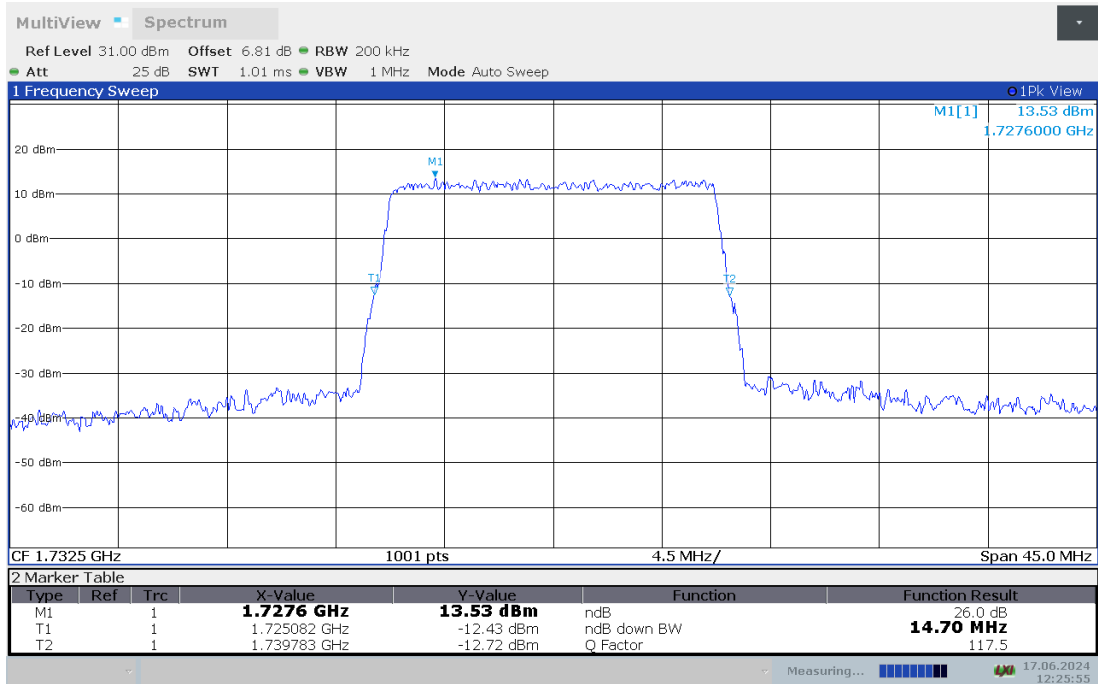




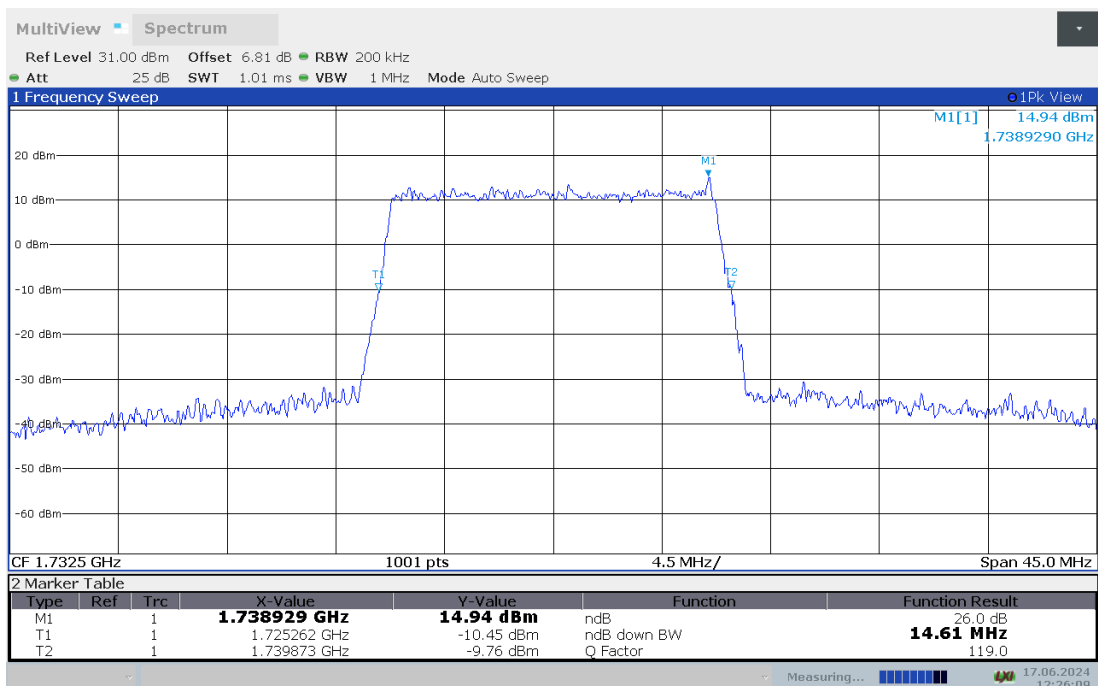
**LTE band 4,15MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1732.5	14.700	14.610
1717.5	14.835	14.700
1747.5	14.655	14.745

**LTE band 4 , 15MHz Bandwidth,MID,QPSK (-26dBc BW)**

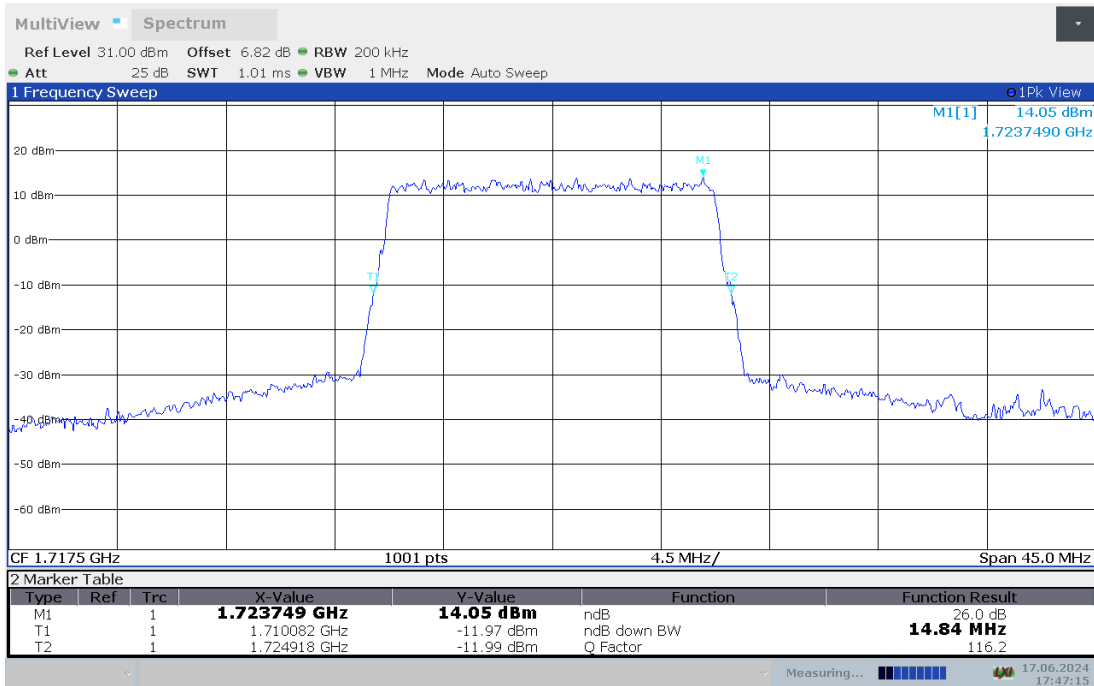


**LTE band 4 , 15MHz Bandwidth,MID,16QAM (-26dBc BW)**

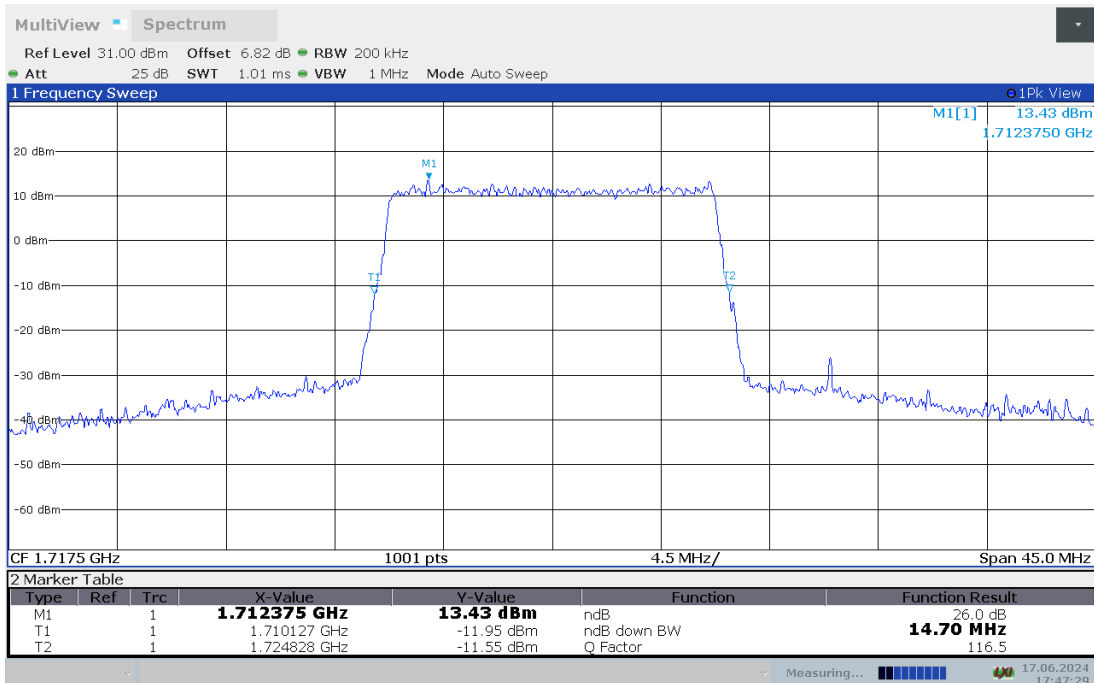




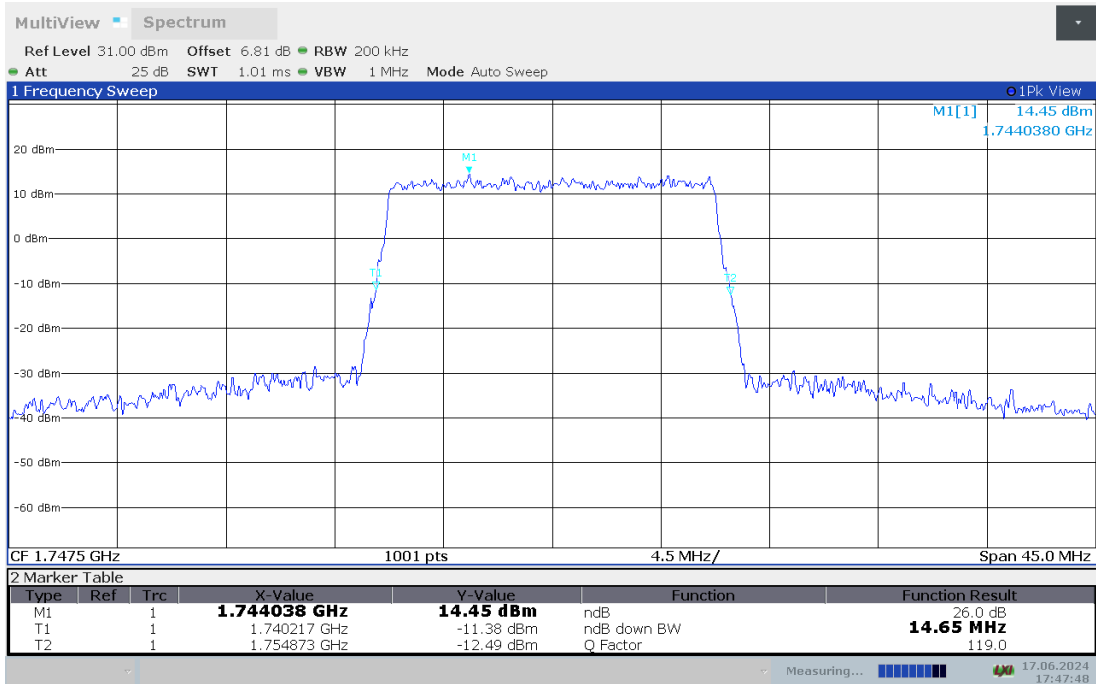
### LTE band 4 , 15MHz Bandwidth,LOW,QPSK (-26dBc BW)



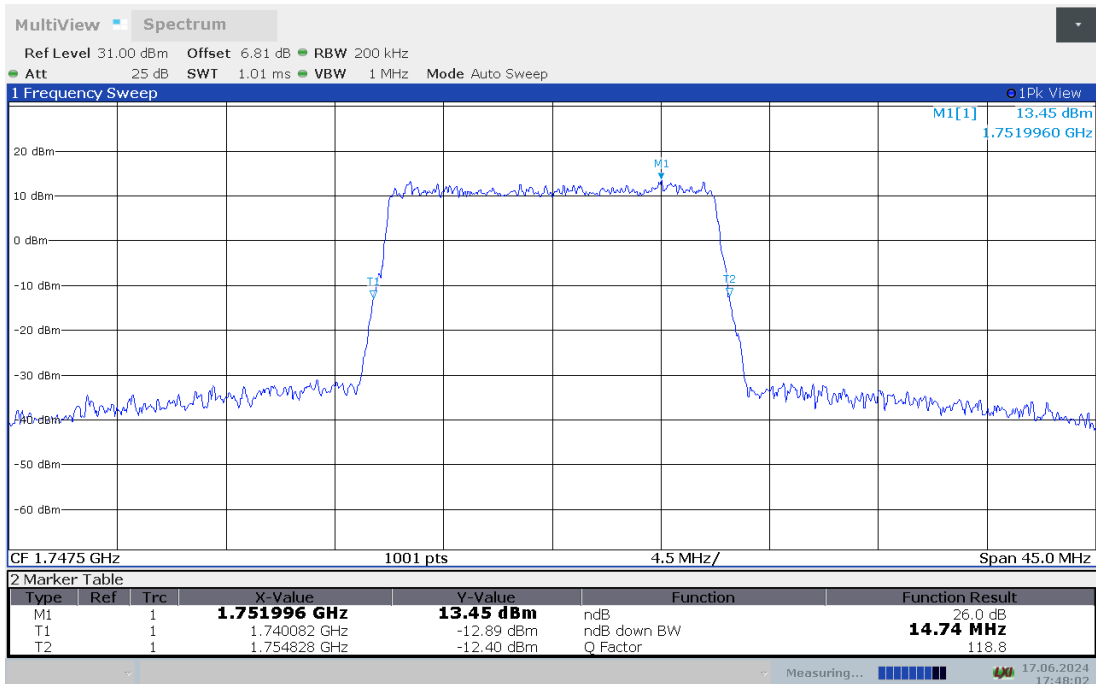
### LTE band 4 , 15MHz Bandwidth,LOW,16QAM (-26dBc BW)



### LTE band 4 , 15MHz Bandwidth,HIGH,QPSK (-26dBc BW)



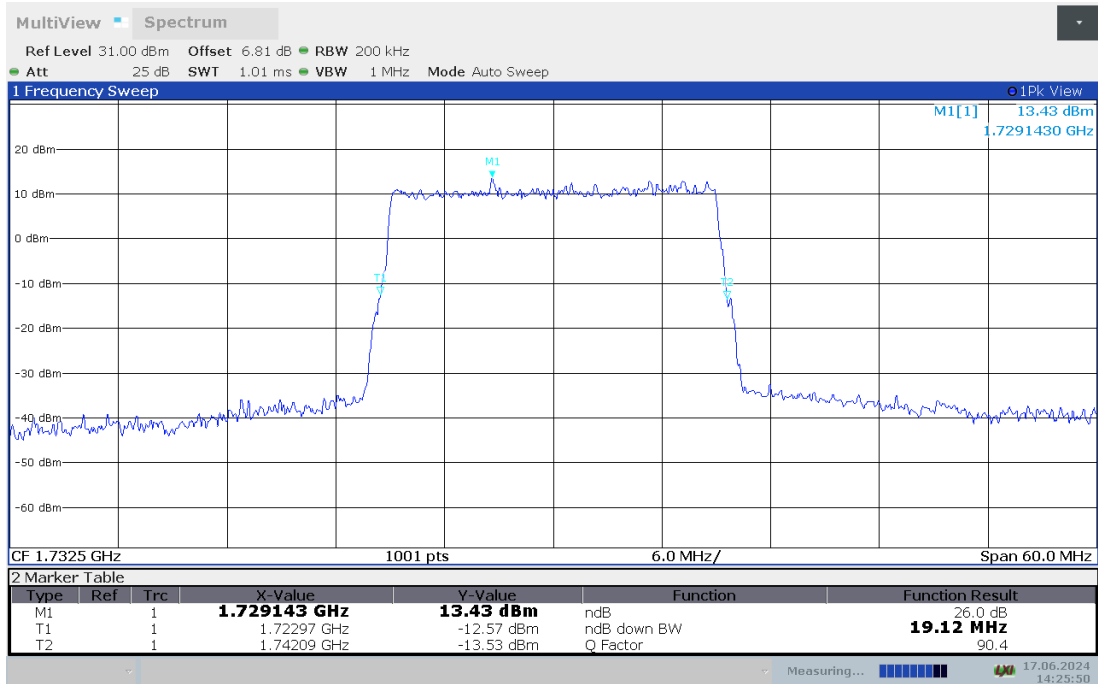
**LTE band 4 , 15MHz Bandwidth,HIGH,16QAM (-26dBc BW)**



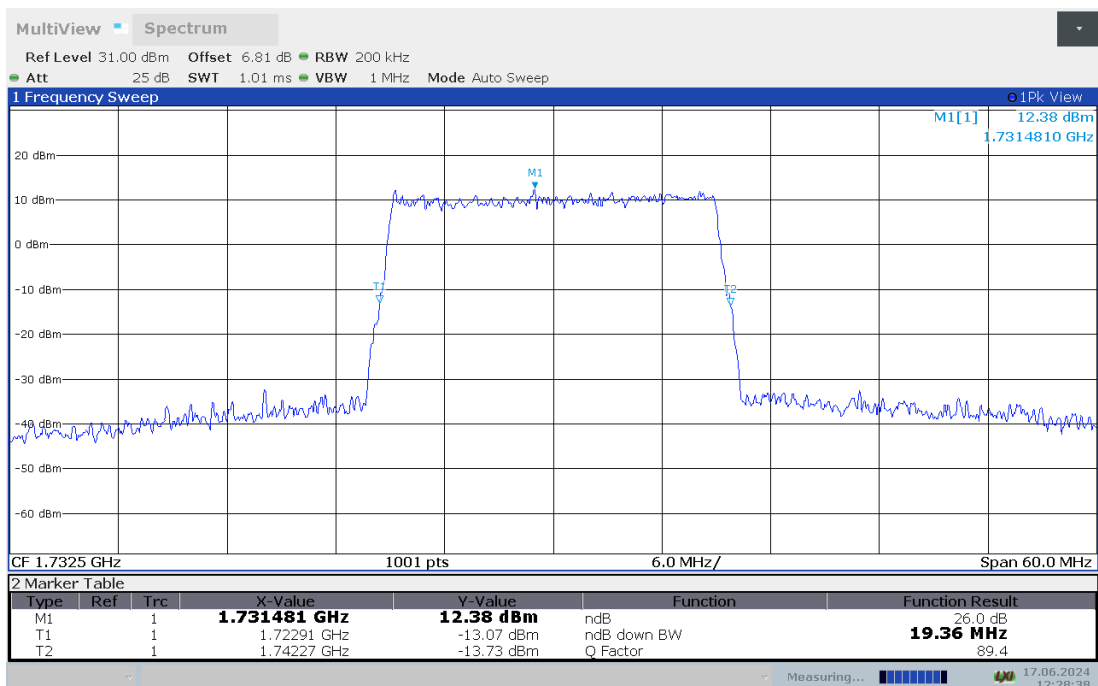
**LTE band 4,20MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
1732.5	19.121	19.361
1720	19.301	19.301
1745	19.361	19.481

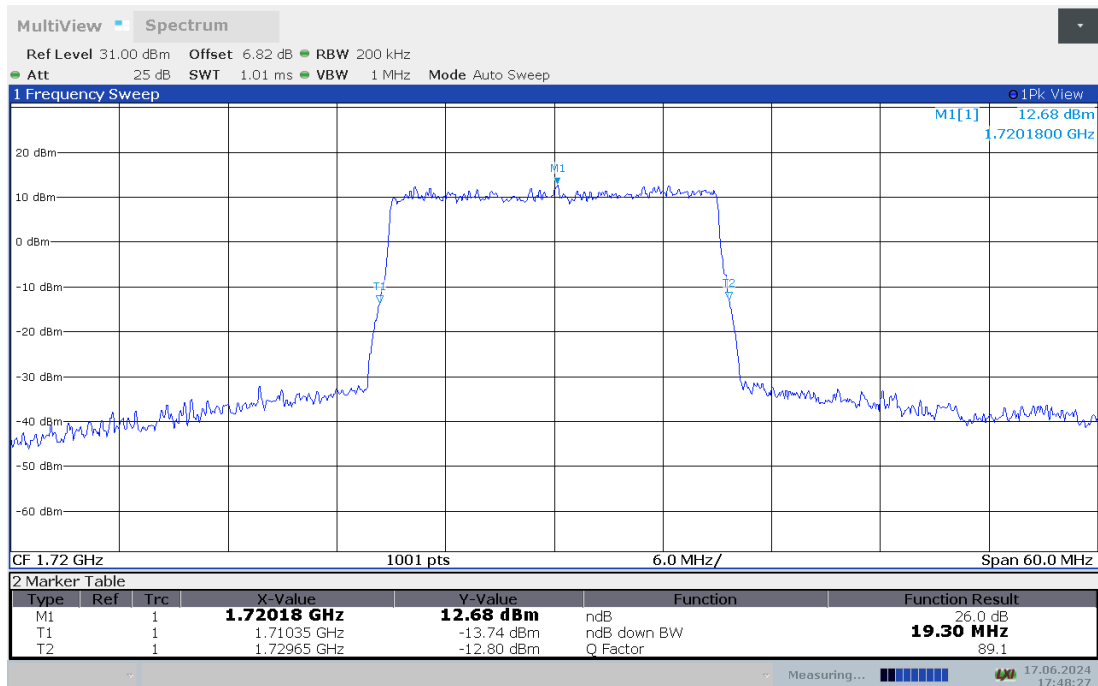
**LTE band 4 , 20MHz Bandwidth,MID,QPSK (-26dBc BW)**



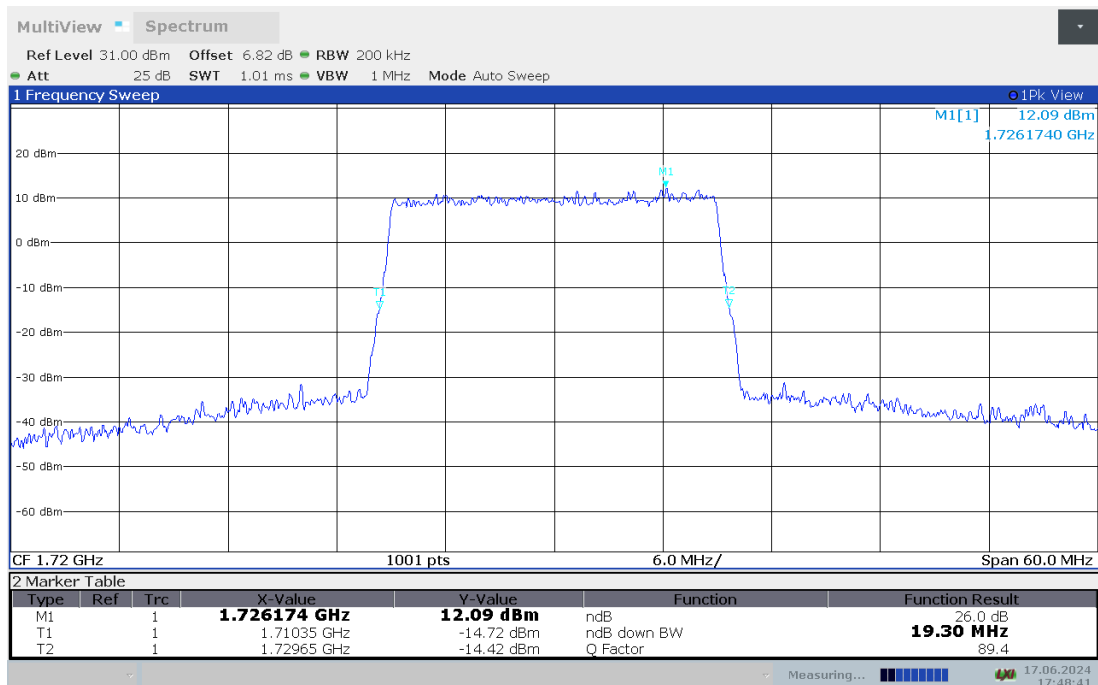
**LTE band 4 , 20MHz Bandwidth,MID,16QAM (-26dBc BW)**



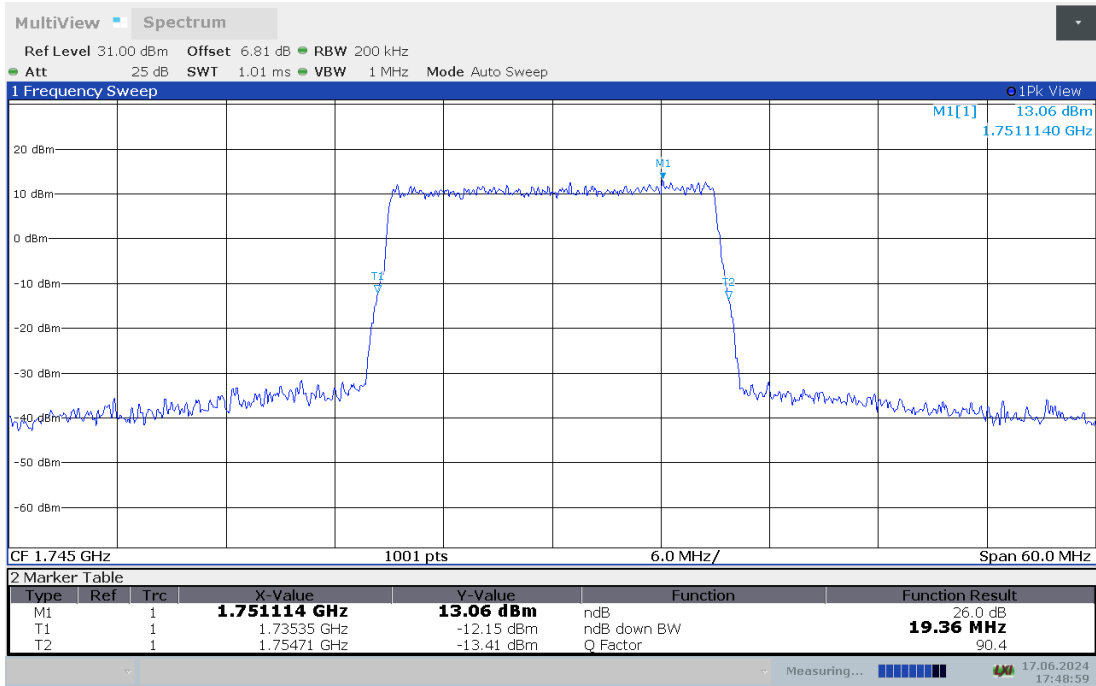
**LTE band 4 , 20MHz Bandwidth,LOW,QPSK (-26dBc BW)**



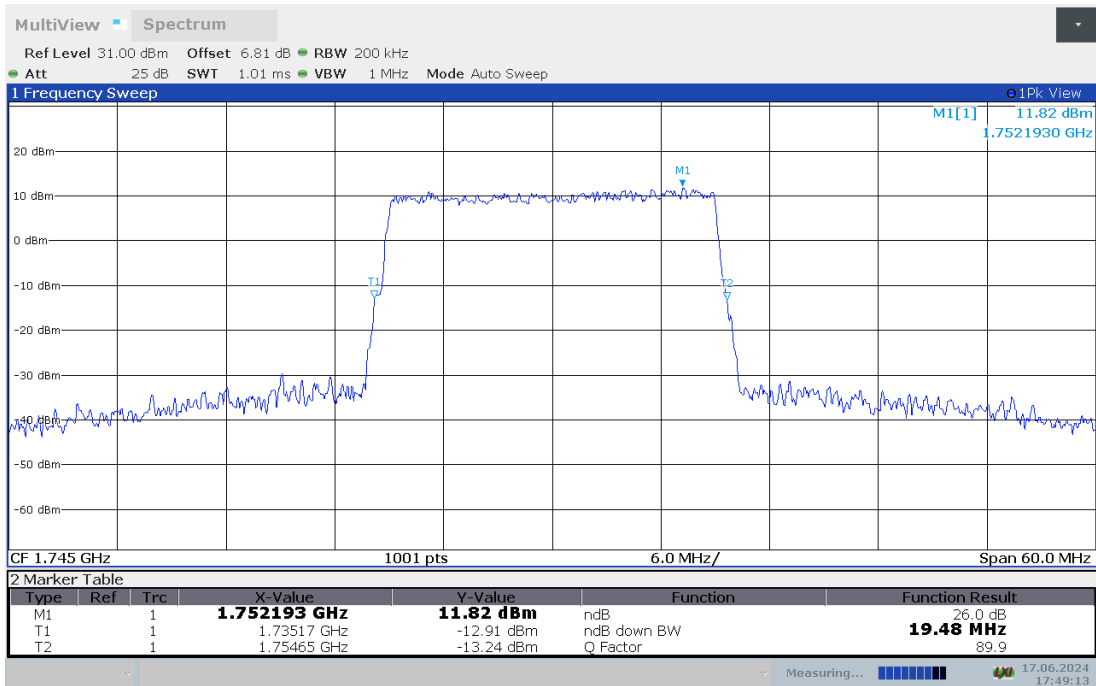
**LTE band 4 , 20MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 4 , 20MHz Bandwidth,HIGH,QPSK (-26dBc BW)**



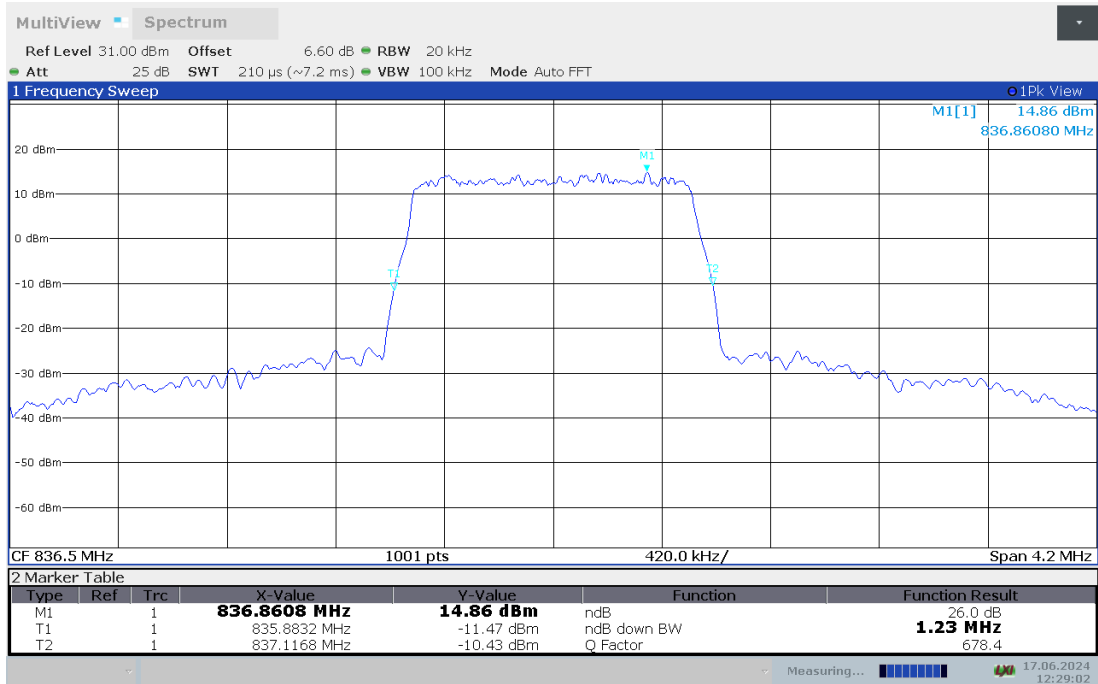
**LTE band 4 , 20MHz Bandwidth,HIGH,16QAM (-26dBc BW)**



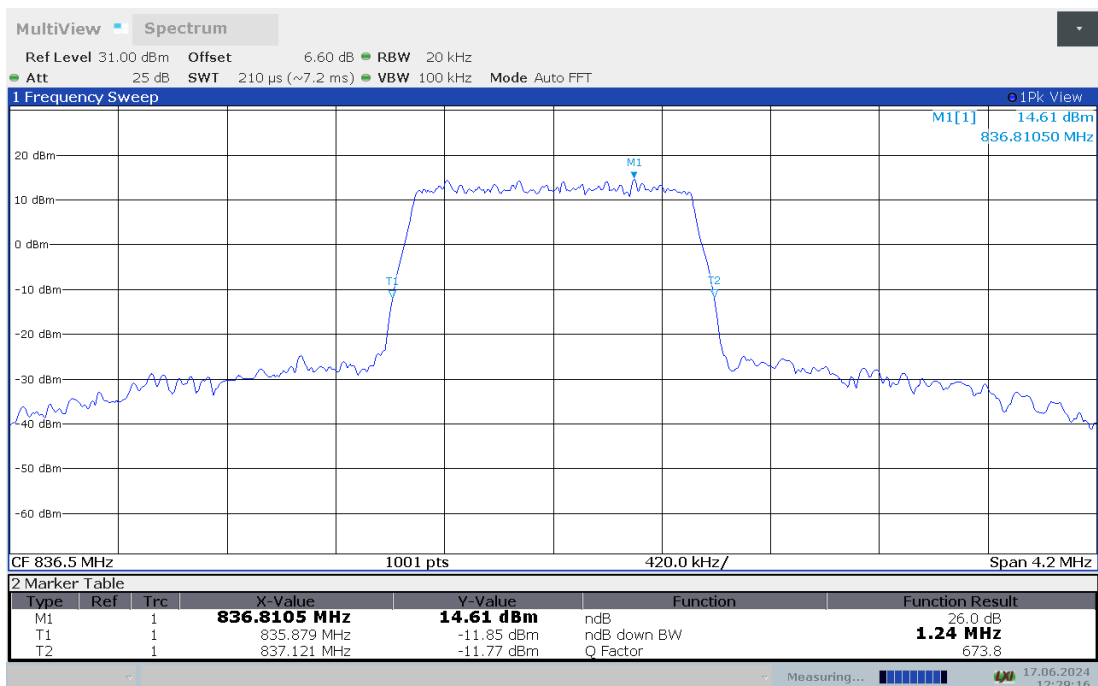
**LTE band 5,1.4MHz(-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)	
	QPSK	16QAM
836.5	1.234	1.242
824.7	1.238	1.242
848.3	1.229	1.234

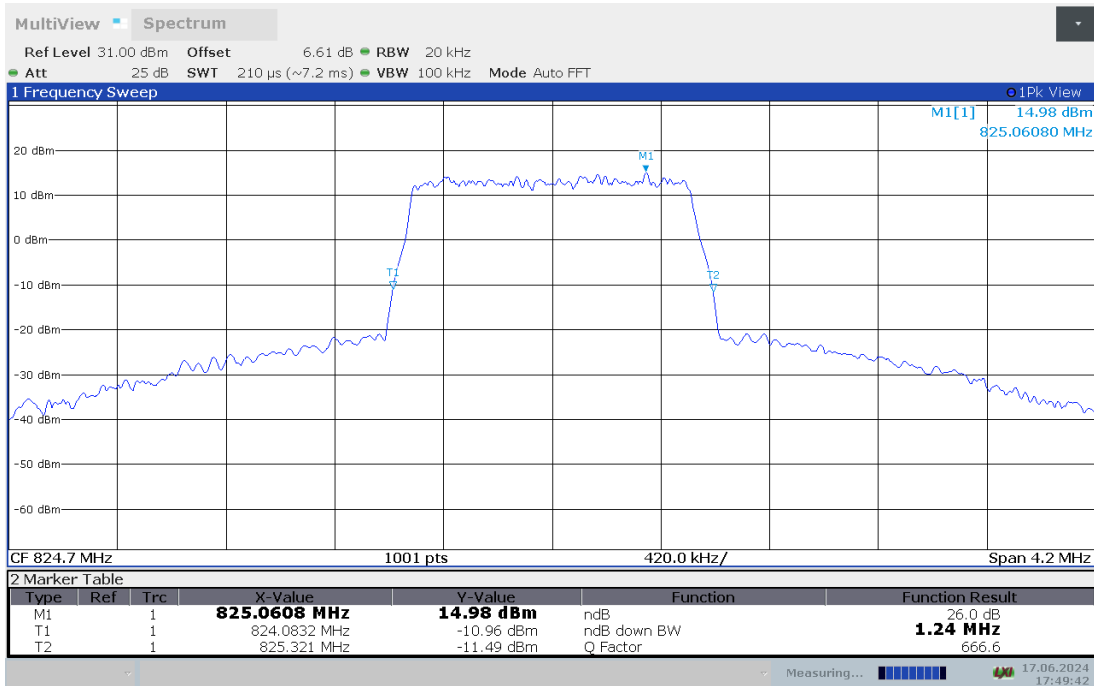
**LTE band 5 , 1.4MHz Bandwidth,MID,QPSK (-26dBc BW)**



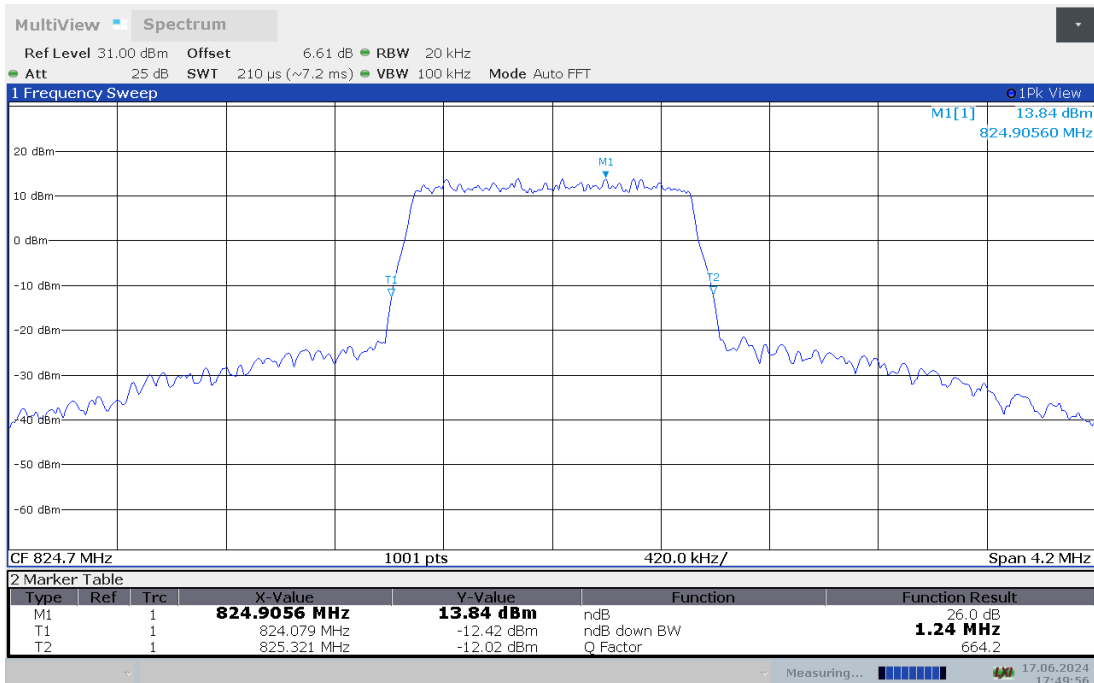
**LTE band 5 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)**



**LTE band 5 , 1.4MHz Bandwidth,LOW,QPSK (-26dBc BW)**



**LTE band 5 , 1.4MHz Bandwidth,LOW,16QAM (-26dBc BW)**



**LTE band 5 , 1.4MHz Bandwidth,HIGH,QPSK (-26dBc BW)**