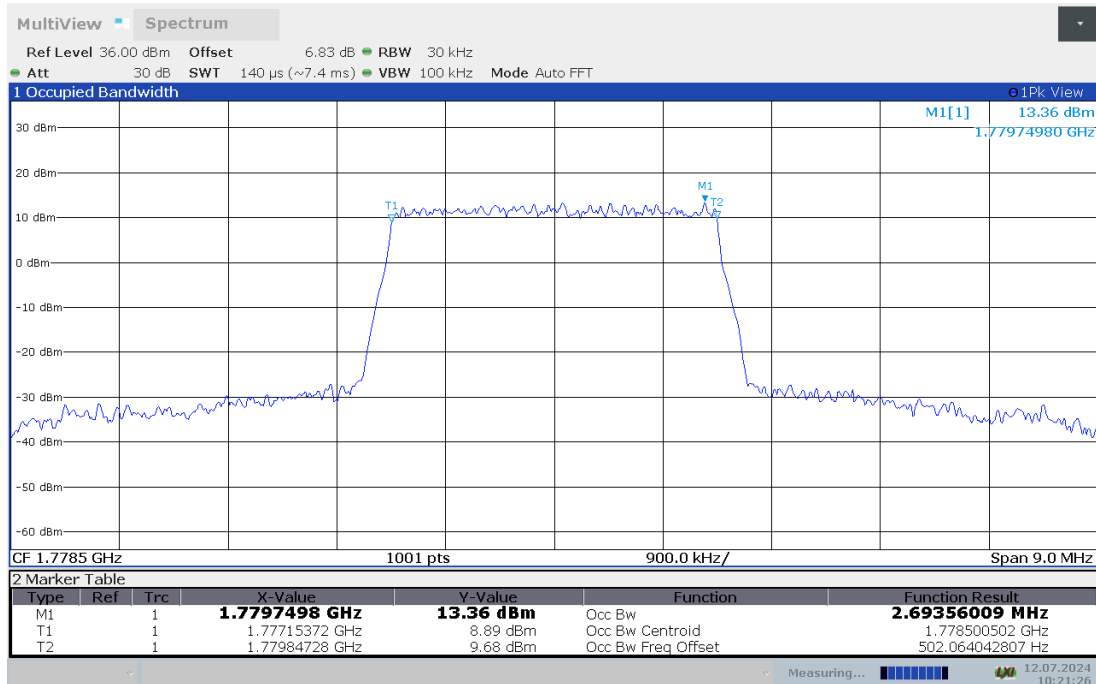
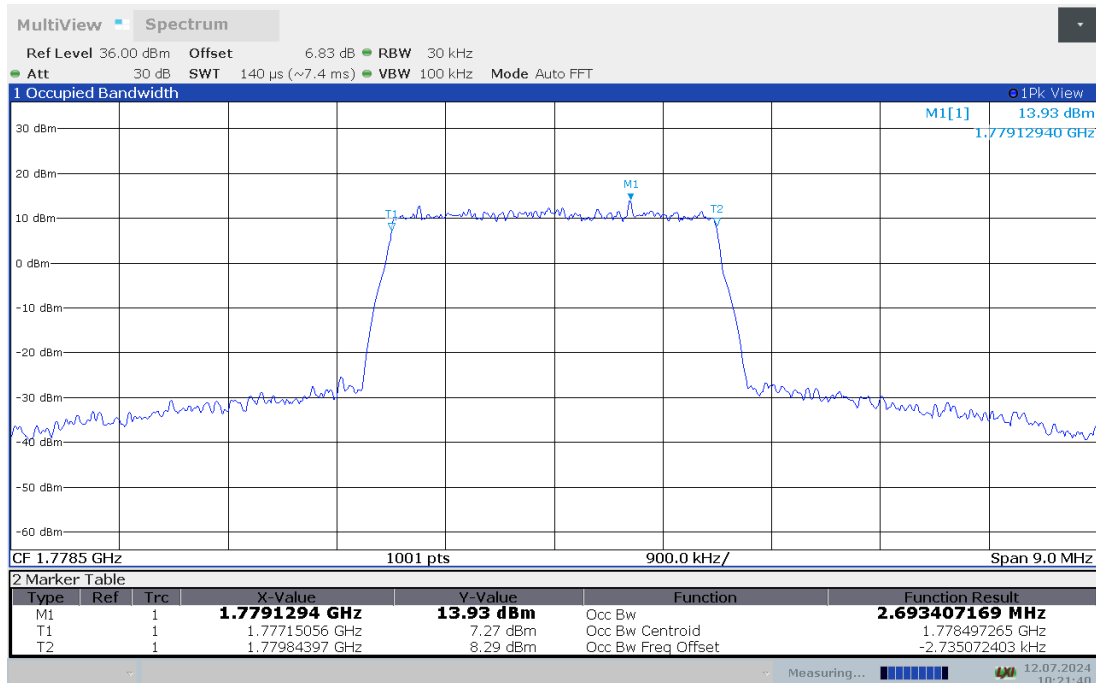


### LTE band 66 , 3MHz Bandwidth,HIGH,QPSK (99% BW)



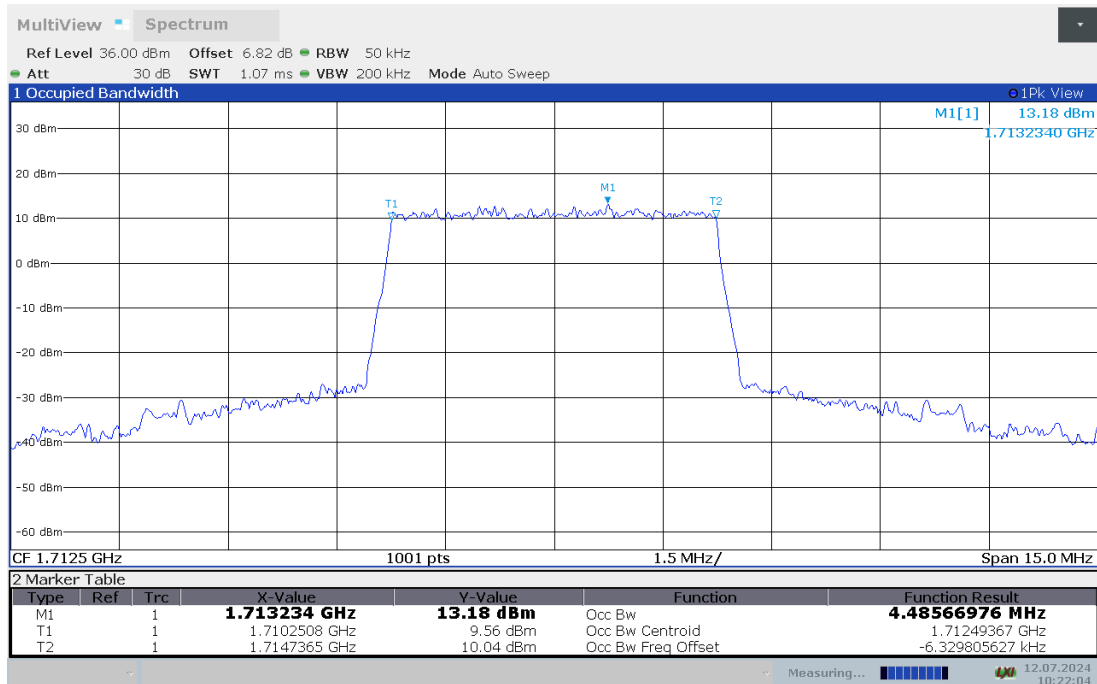
### LTE band 66 , 3MHz Bandwidth,HIGH,16QAM (99% BW)



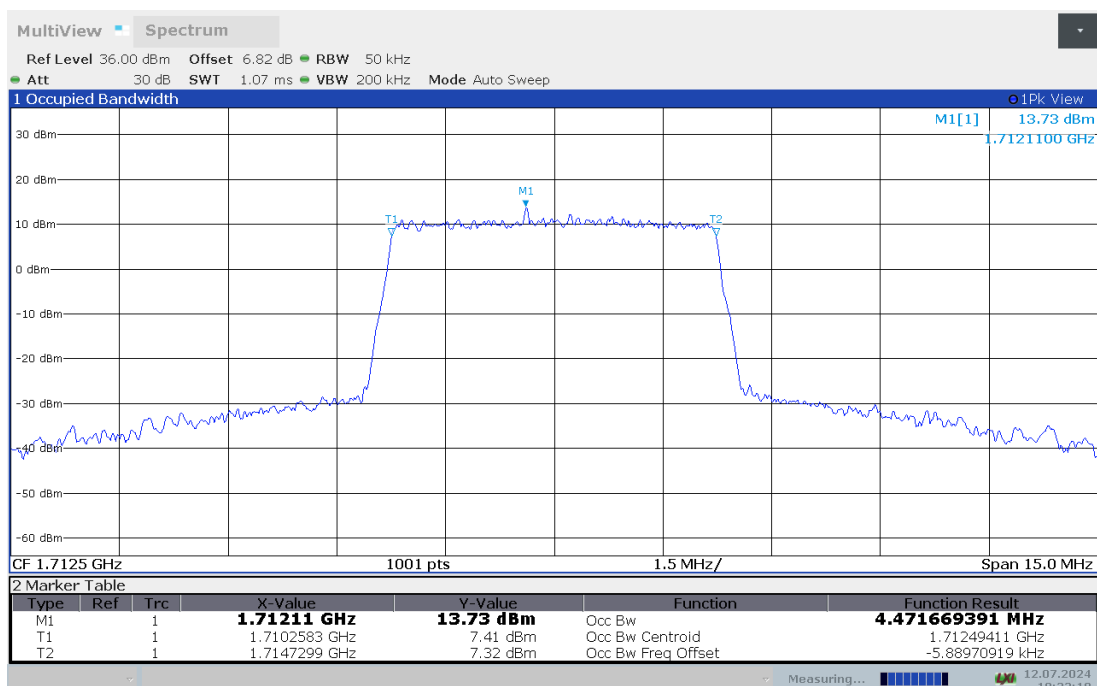
### LTE band 66,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1712.5	4.486	4.472
1745	4.483	4.484
1777.5	4.468	4.477

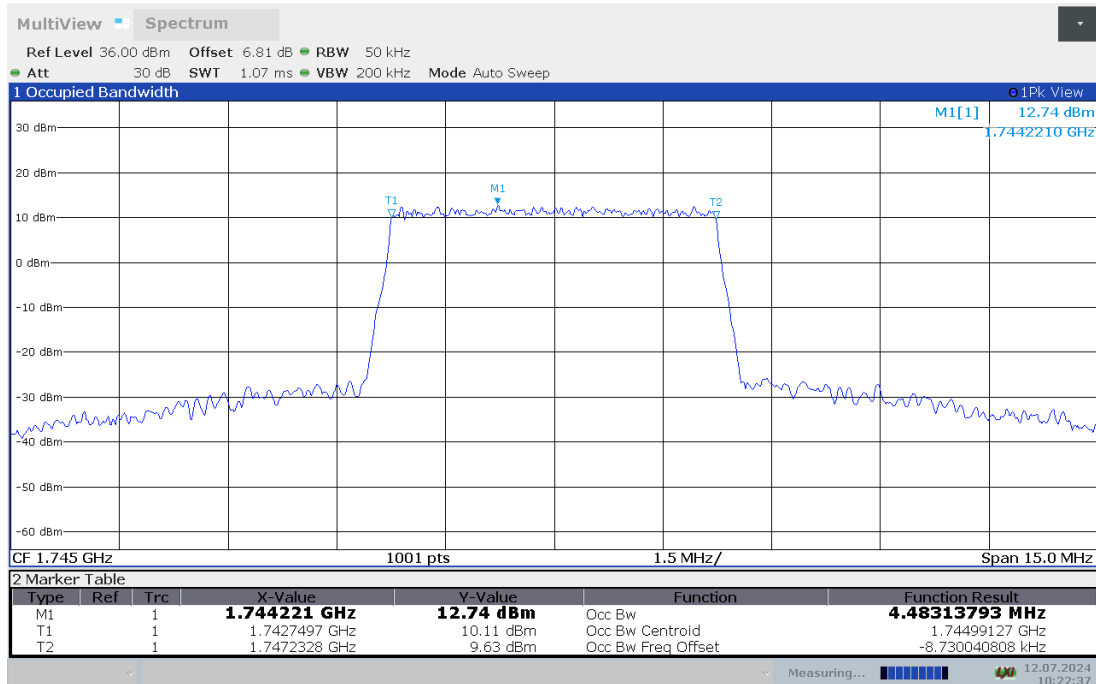
### LTE band 66 , 5MHz Bandwidth,LOW,QPSK (99% BW)



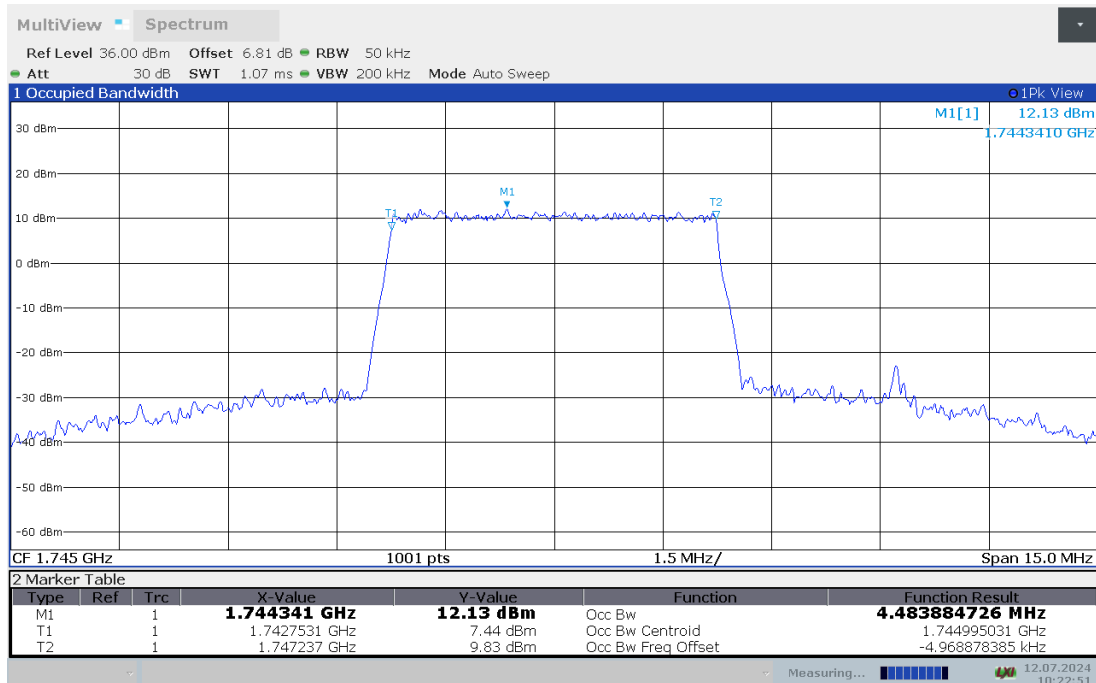
### LTE band 66 , 5MHz Bandwidth,LOW,16QAM (99% BW)



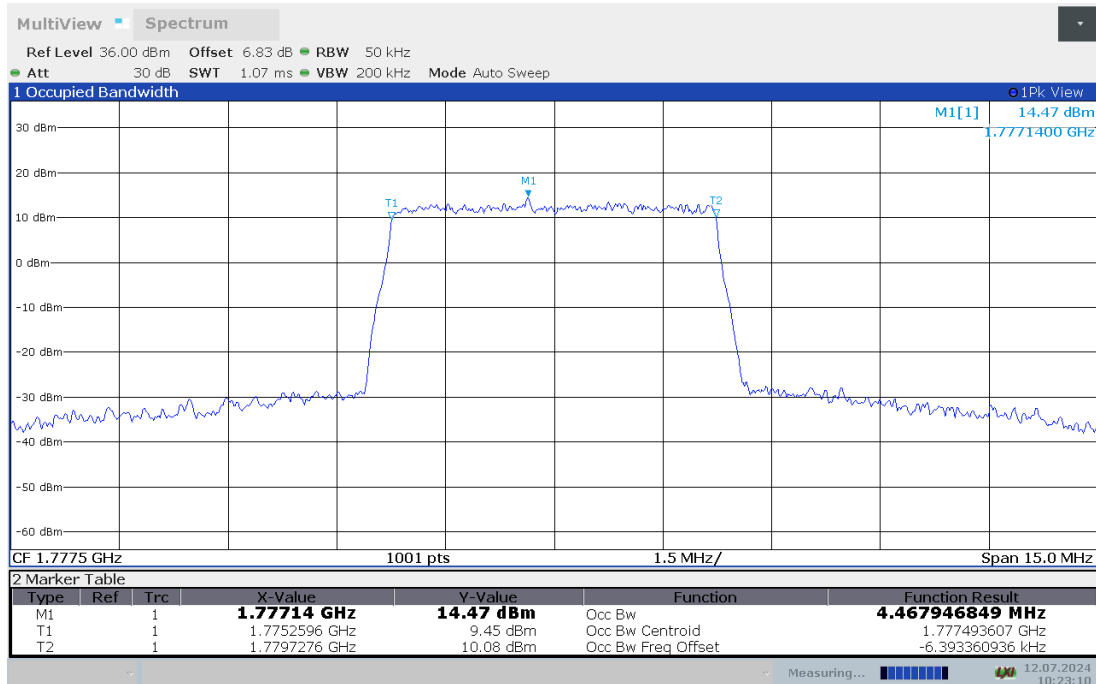
### LTE band 66 , 5MHz Bandwidth,MID,QPSK (99% BW)



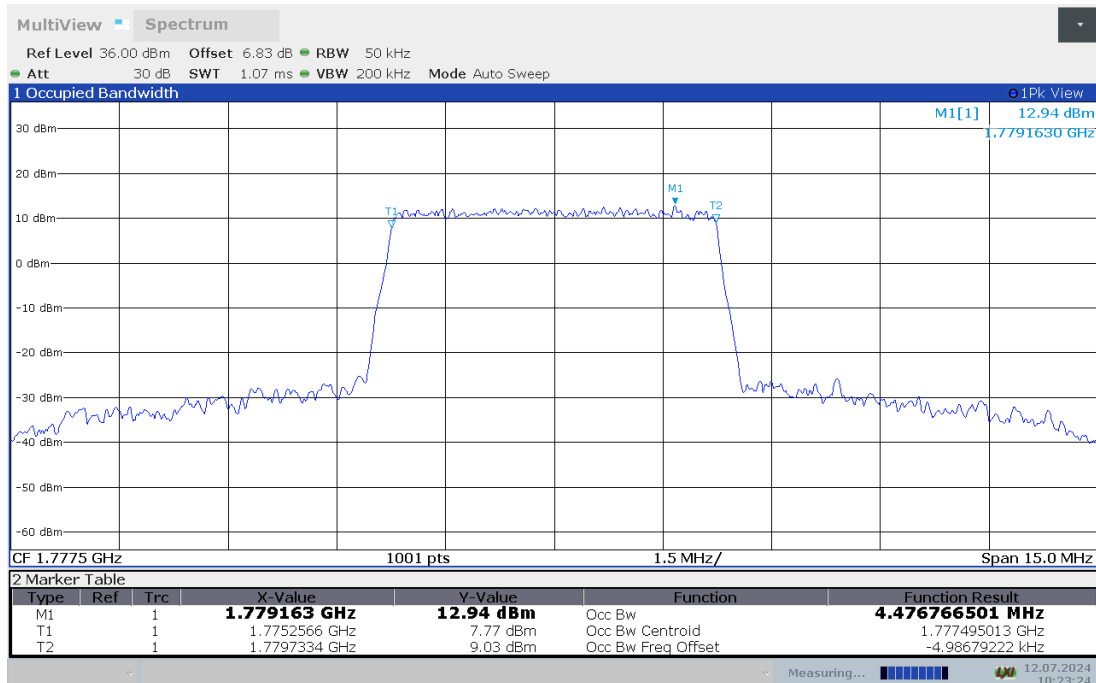
### LTE band 66 , 5MHz Bandwidth,MID,16QAM (99% BW)



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



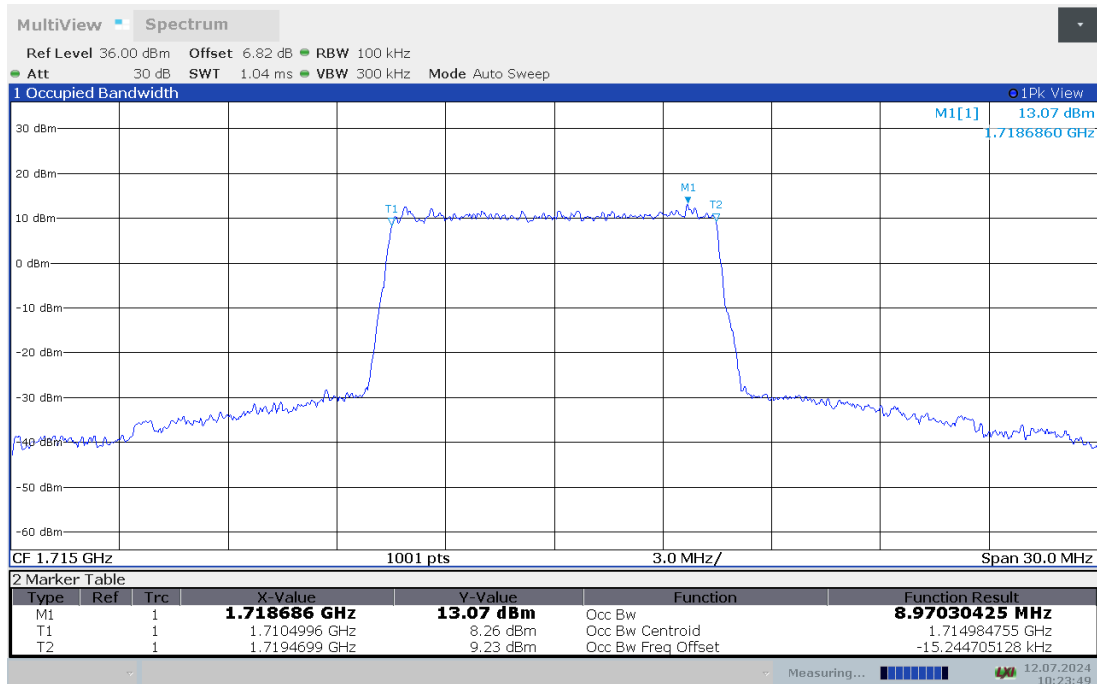
### LTE band 66 , 5MHz Bandwidth,HIGH,16QAM (99% BW)



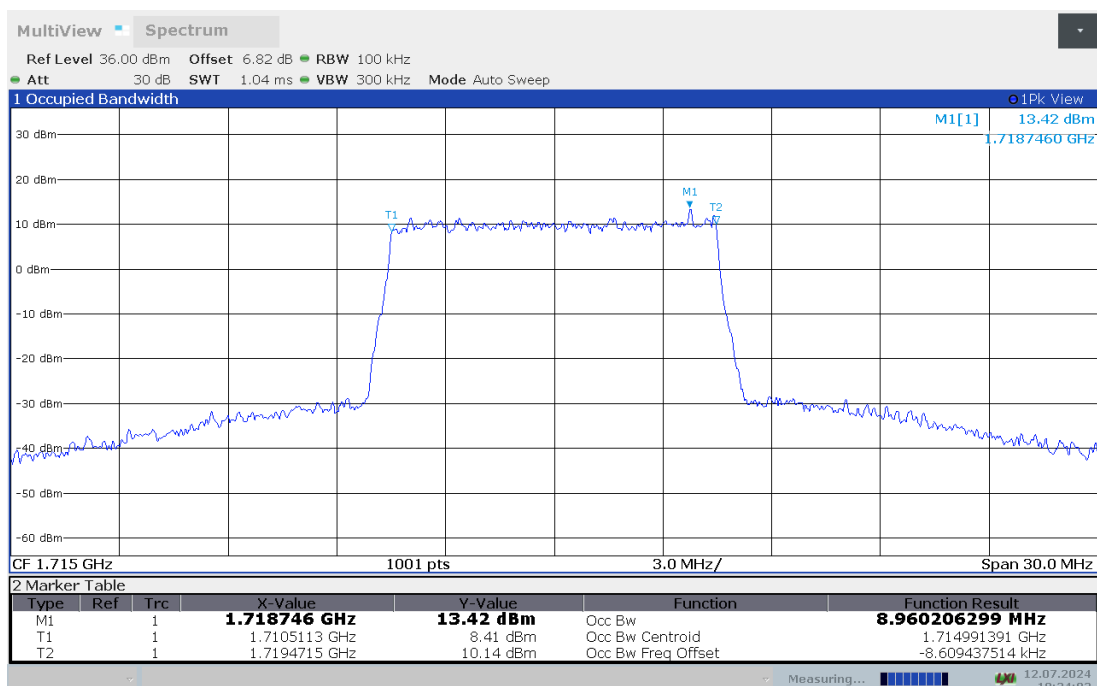
### LTE band 66,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1715	8.970	8.960
1745	8.953	8.953
1775	8.962	8.971

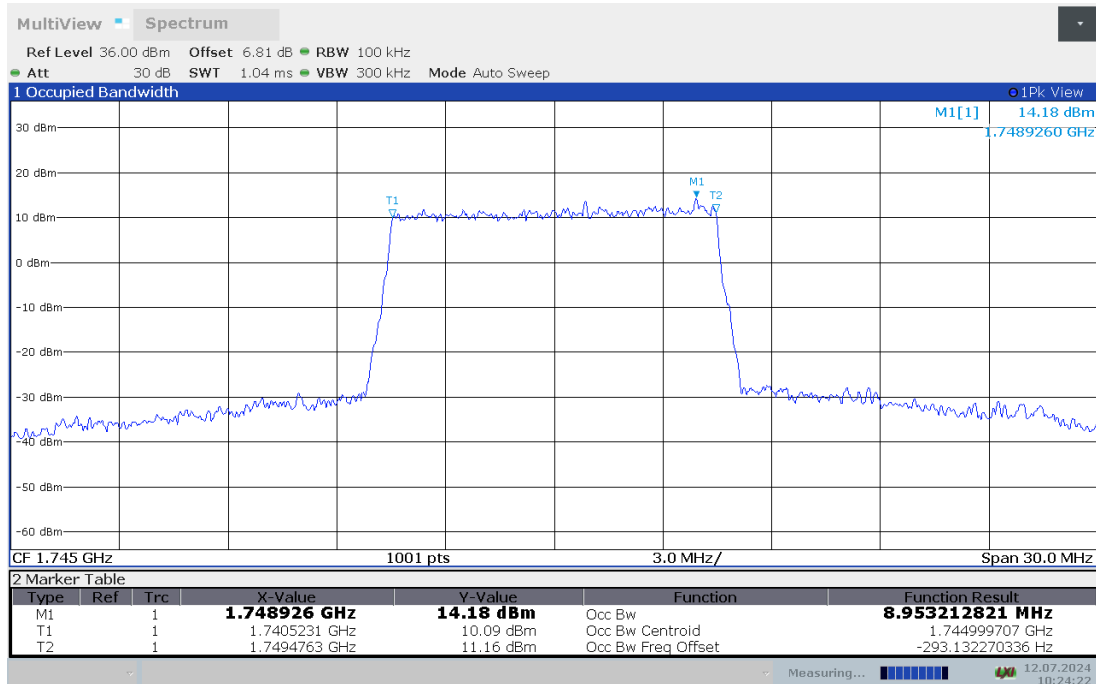
### LTE band 66 , 10MHz Bandwidth,LOW,QPSK (99% BW)



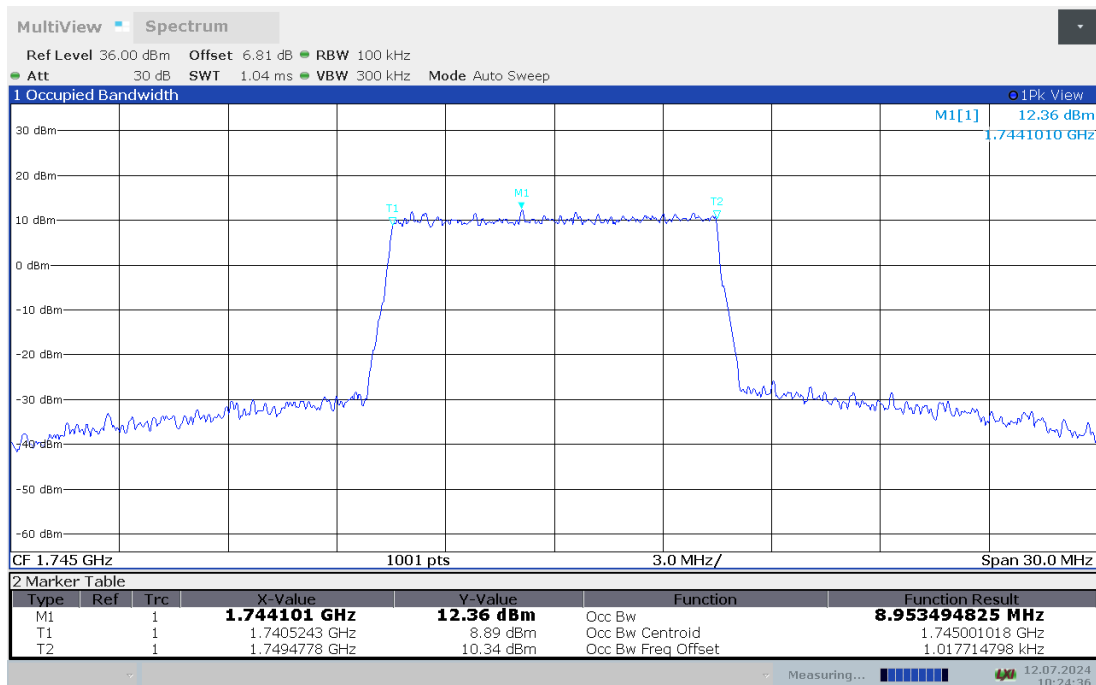
### LTE band 66 , 10MHz Bandwidth,LOW,16QAM (99% BW)



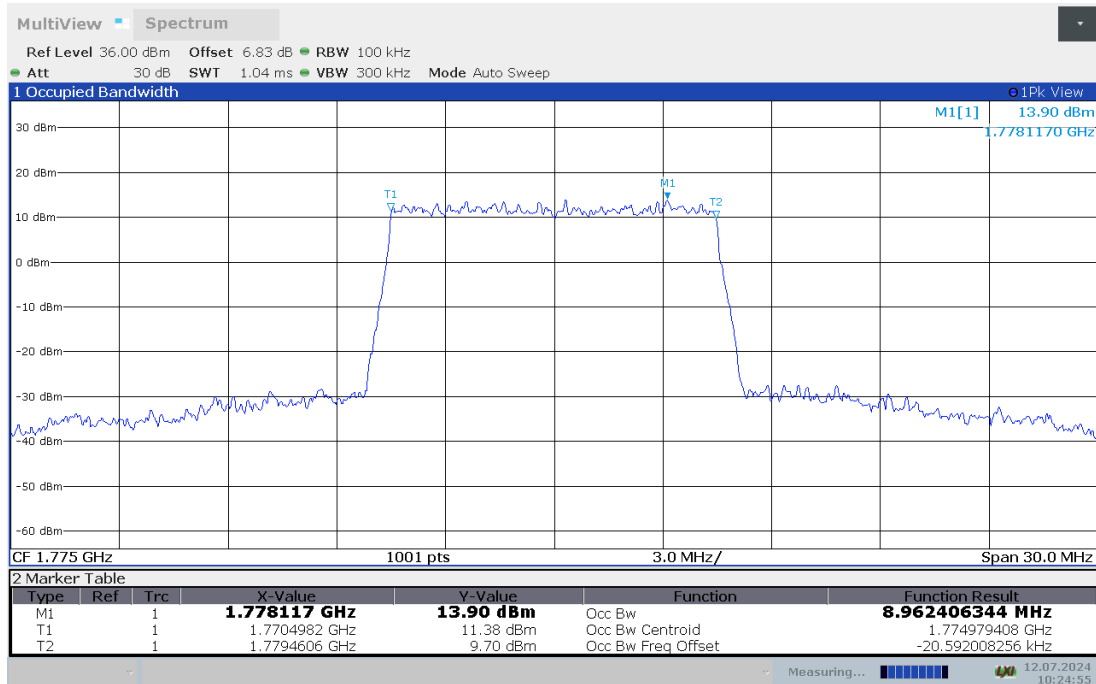
### LTE band 66 , 10MHz Bandwidth,MID,QPSK (99% BW)



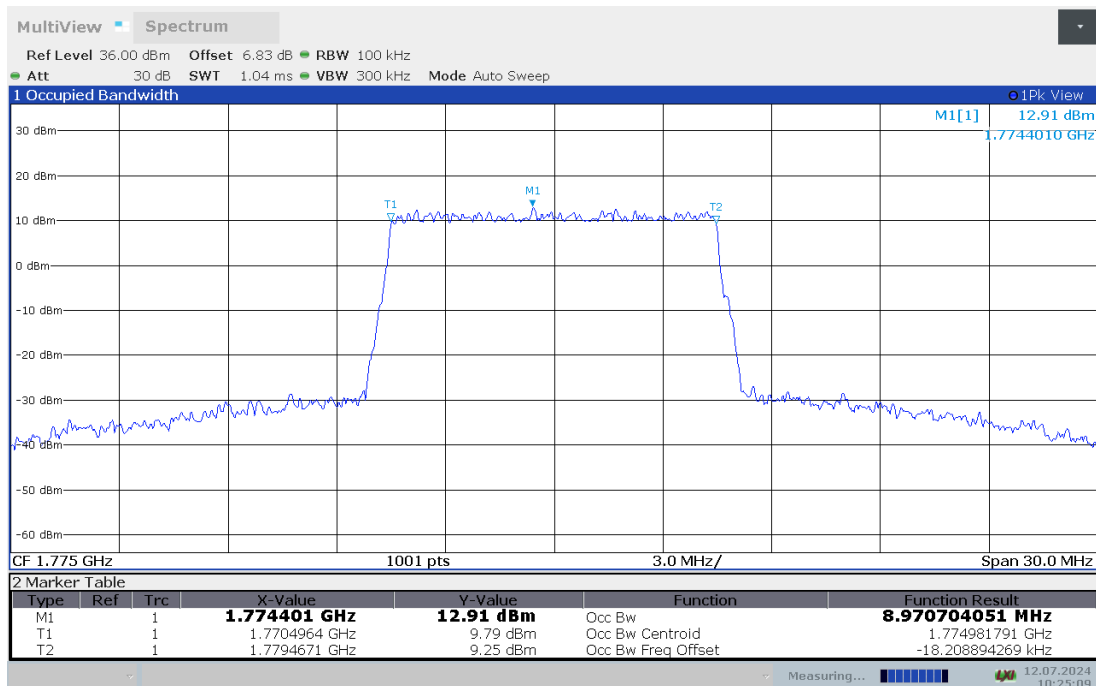
### LTE band 66 , 10MHz Bandwidth,MID,16QAM (99% BW)



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



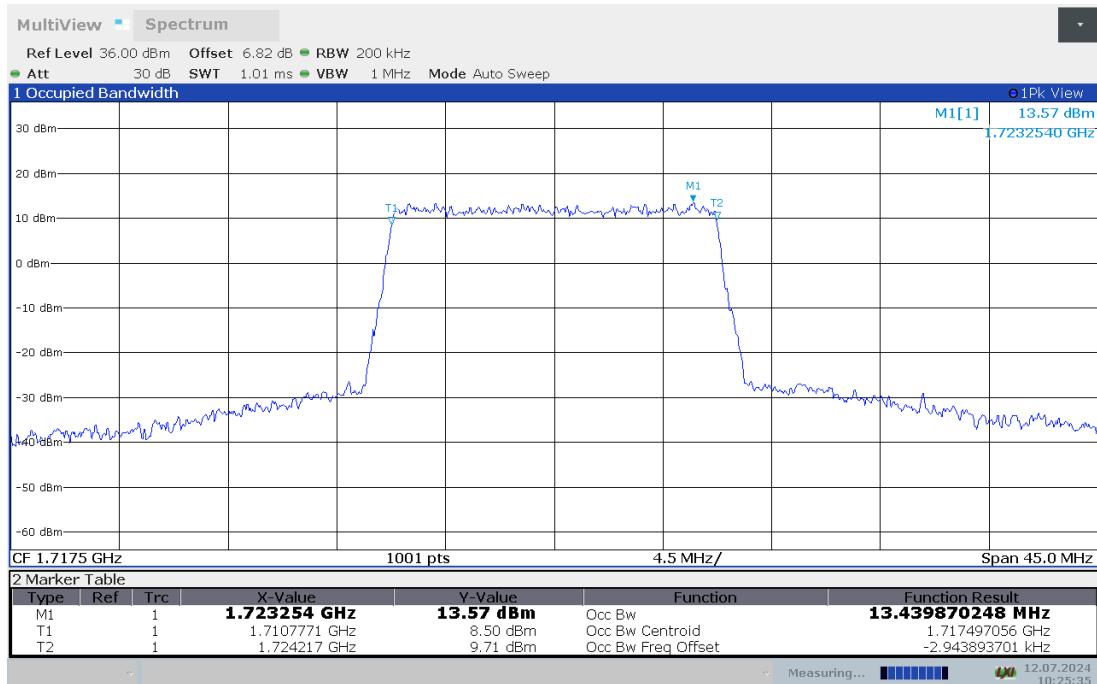
### LTE band 66 , 10MHz Bandwidth,HIGH,16QAM (99% BW)



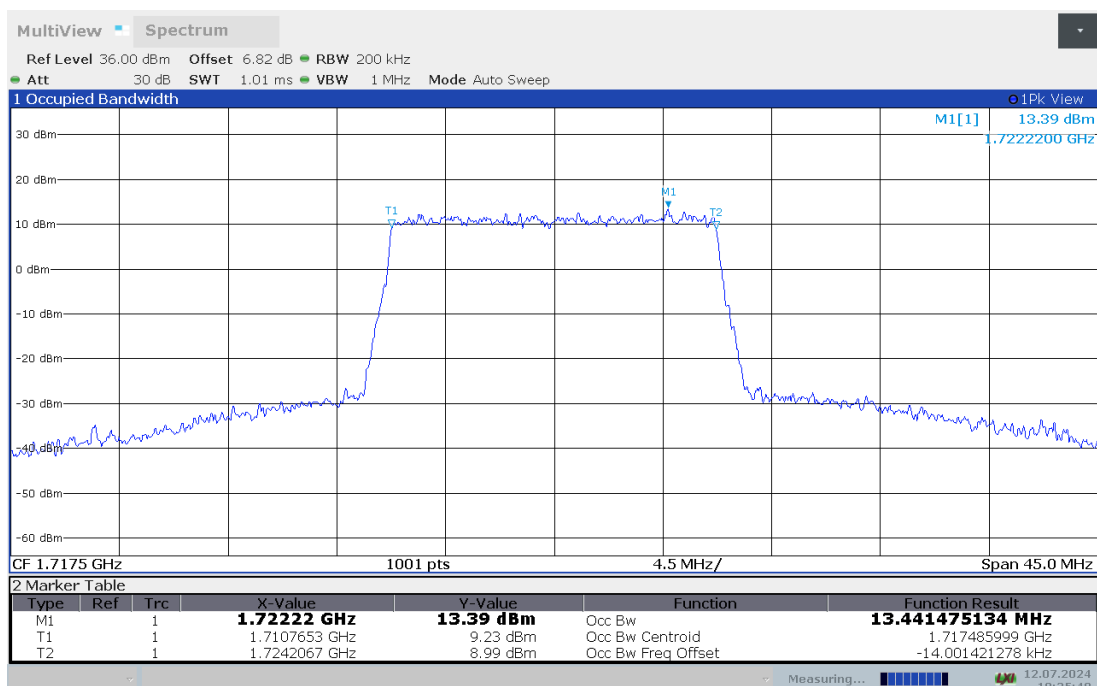
### LTE band 66,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1717.5	13.440	13.441
1745	13.423	13.488
1772.5	13.458	13.461

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

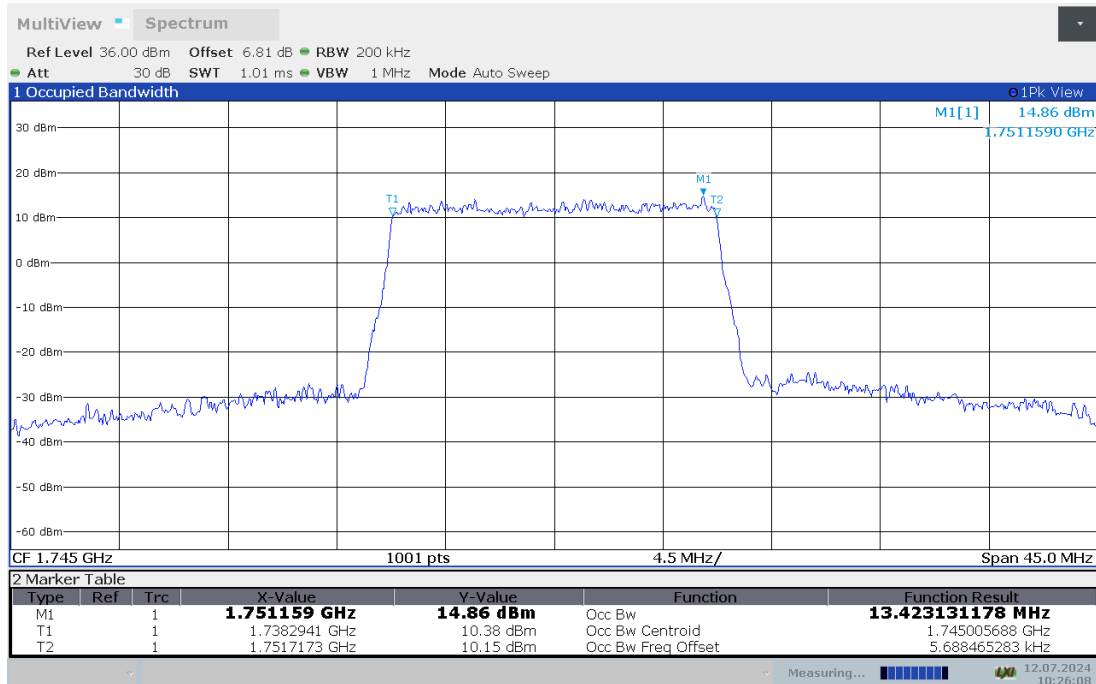


### LTE band 66 , 15MHz Bandwidth,LOW,16QAM (99% BW)

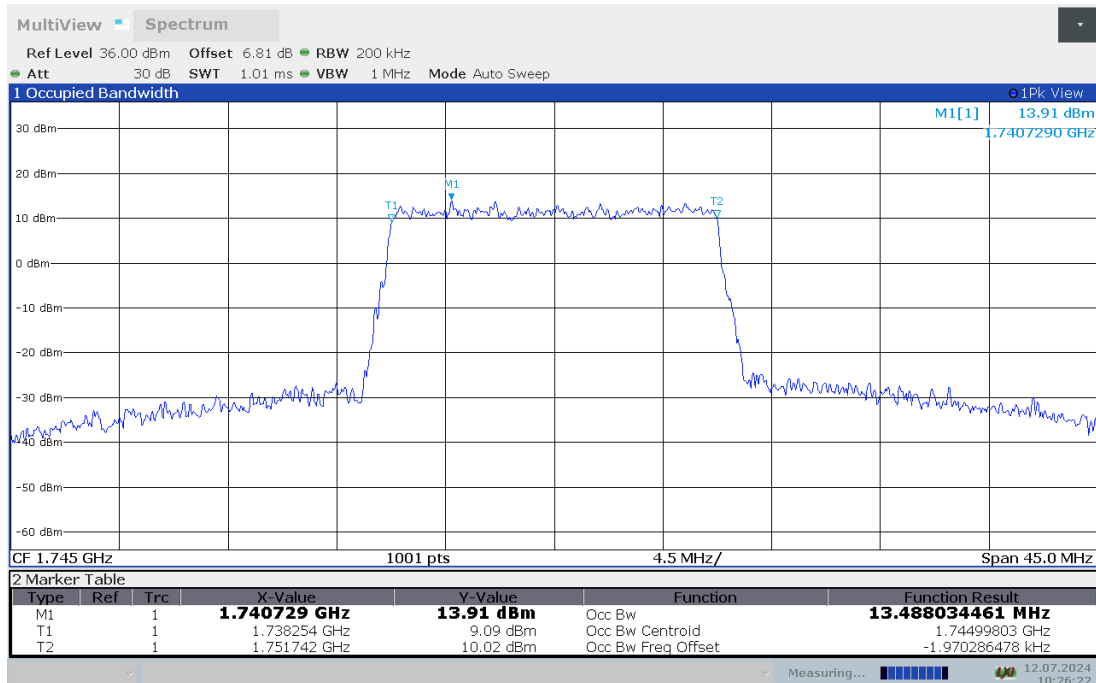




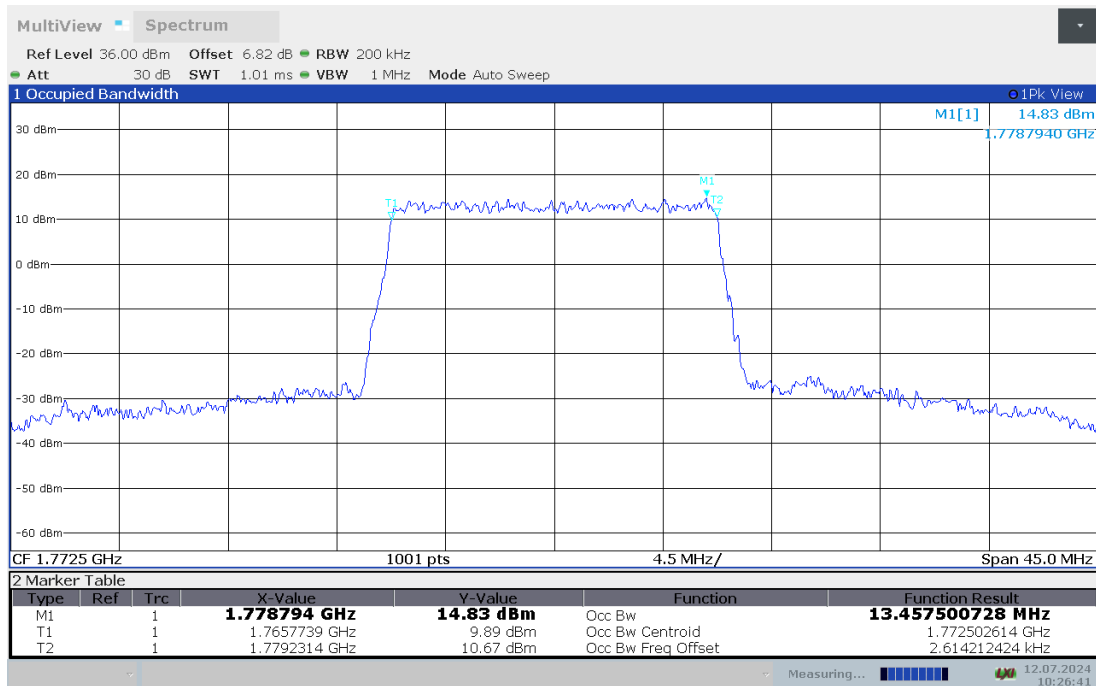
### LTE band 66 , 15MHz Bandwidth,MID,QPSK (99% BW)



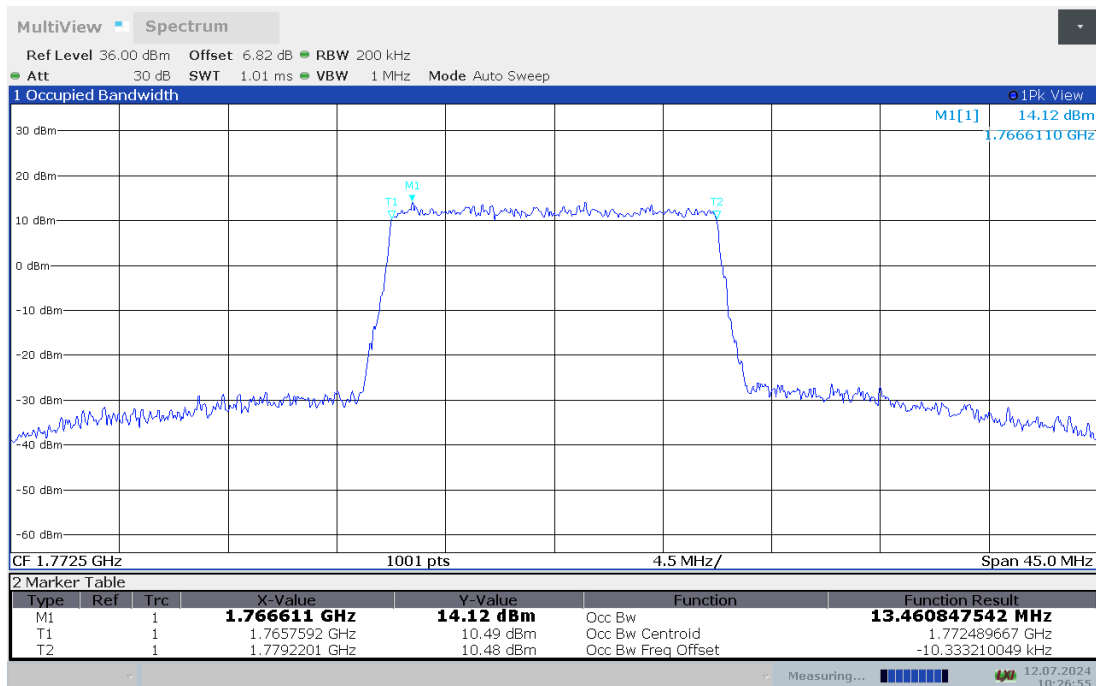
### LTE band 66 , 15MHz Bandwidth,MID,16QAM (99% BW)



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



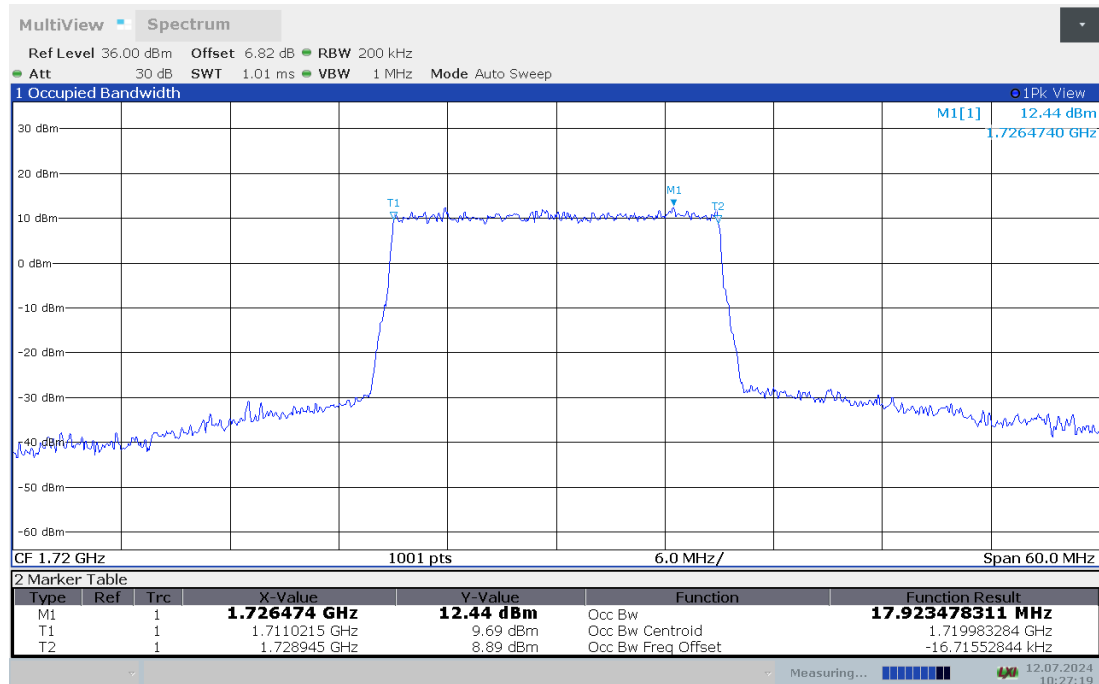
### LTE band 66 , 15MHz Bandwidth,HIGH,16QAM (99% BW)



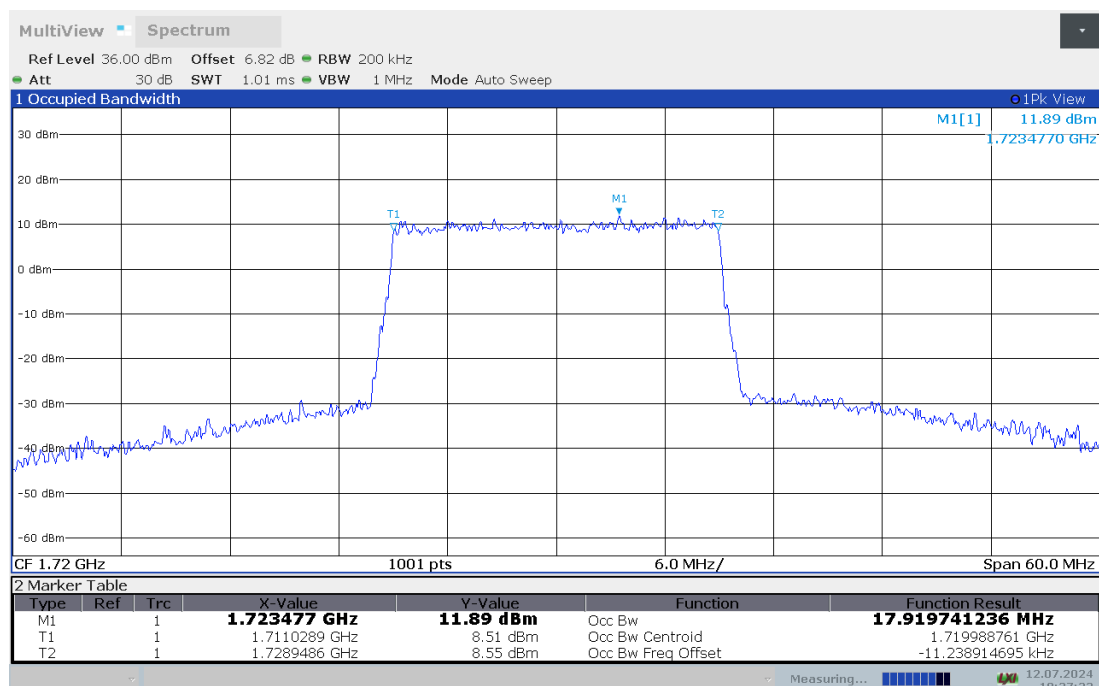
### LTE band 66,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1720	17.923	17.920
1745	17.931	17.925
1770	17.907	17.922

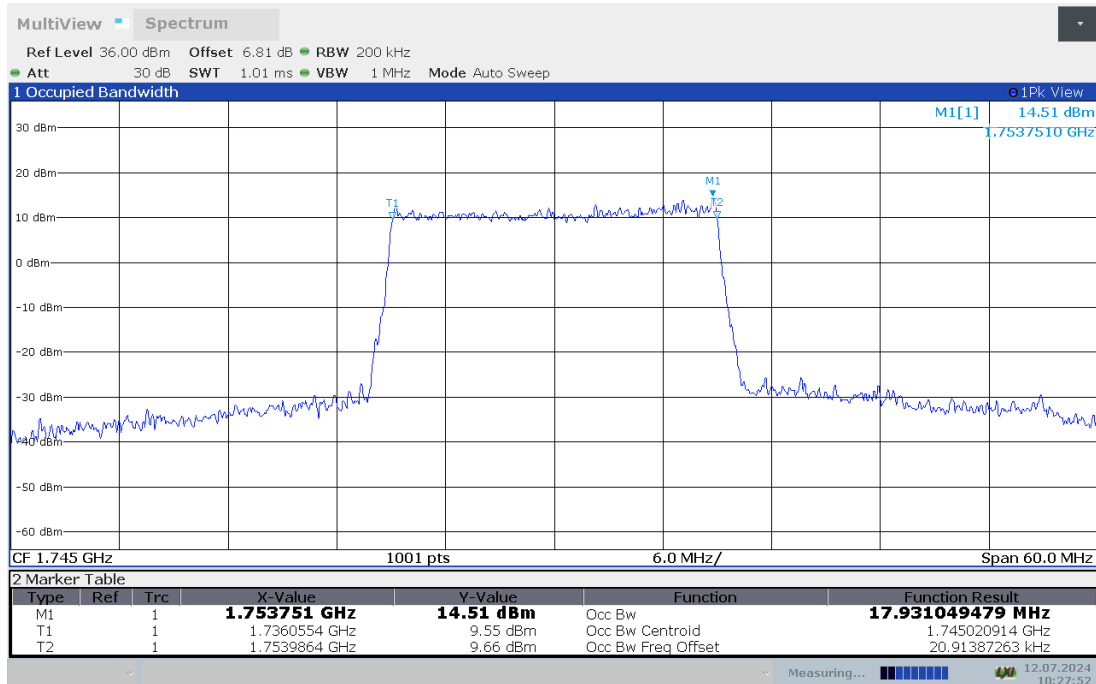
### LTE band 66 , 20MHz Bandwidth,LOW,QPSK (99% BW)



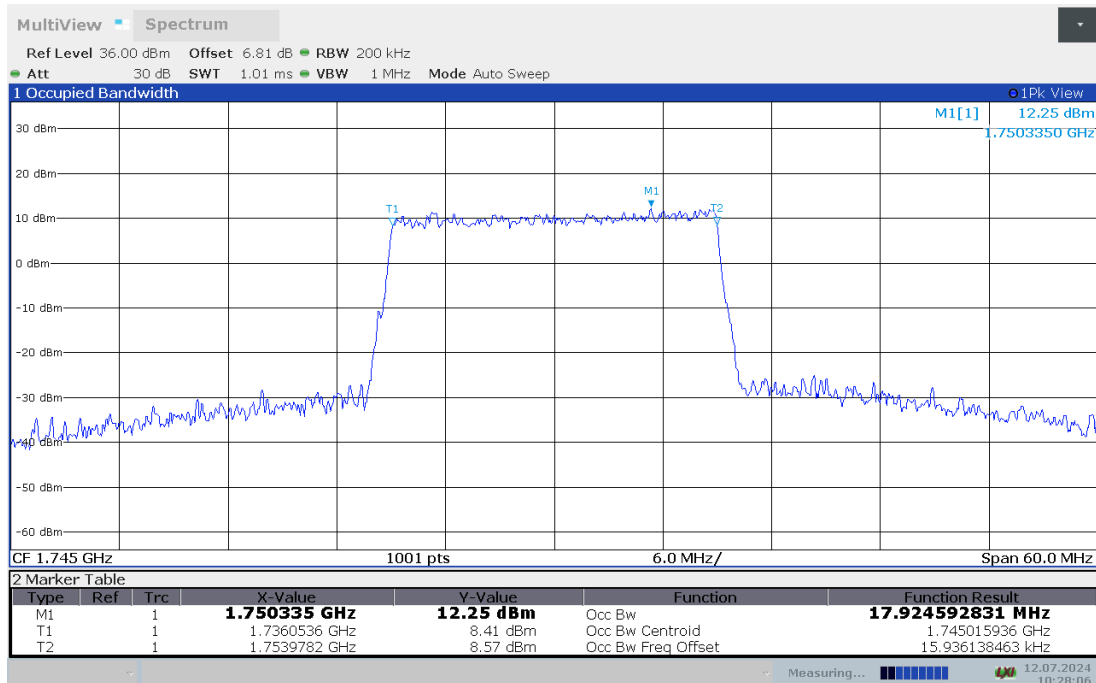
### LTE band 66 , 20MHz Bandwidth,LOW,16QAM (99% BW)



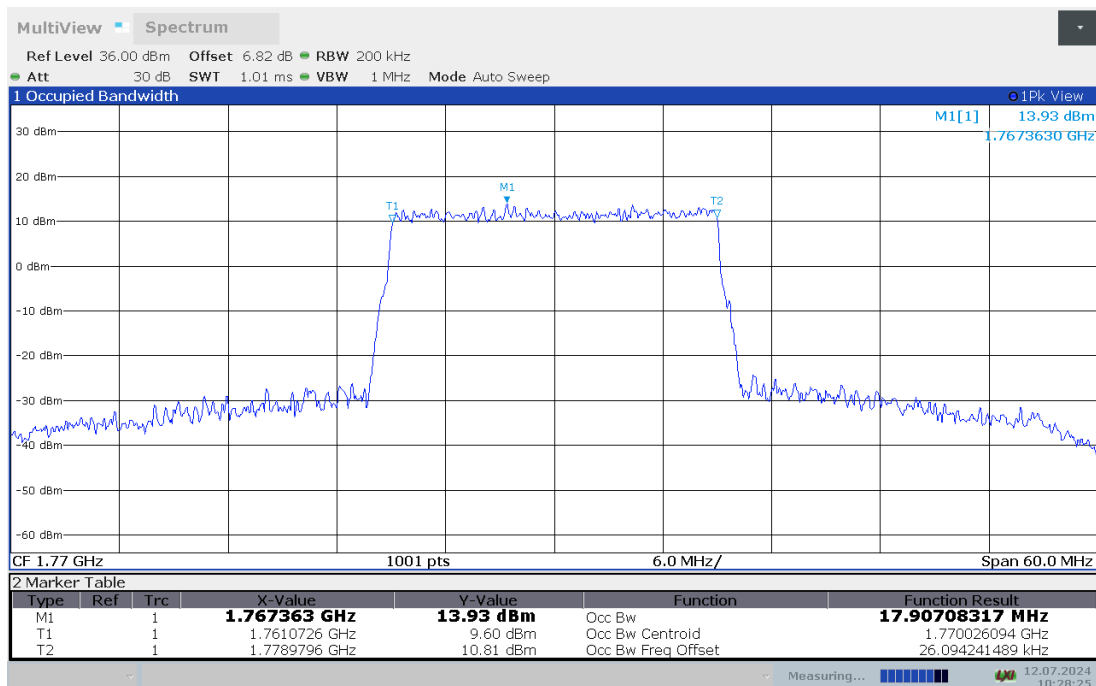
### LTE band 66 , 20MHz Bandwidth,MID,QPSK (99% BW)



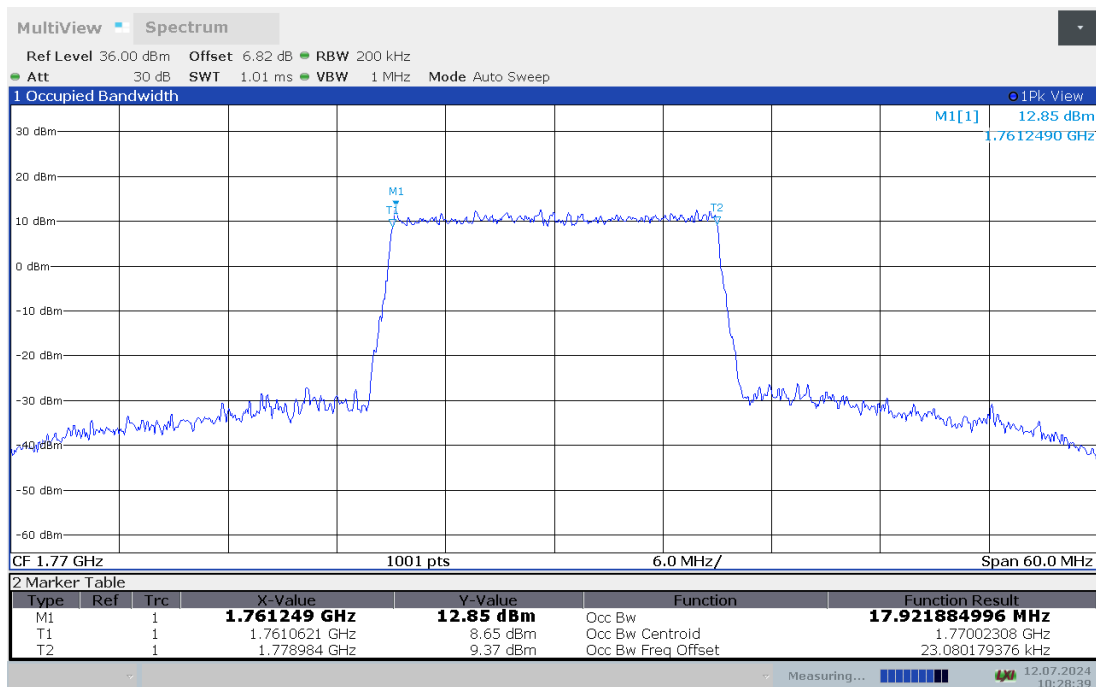
### LTE band 66 , 20MHz Bandwidth,MID,16QAM (99% BW)



### 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**

### **Reference**

FCC: CFR Part 2.1049, 22.917, 24.238, 27.53

### **A.5.1 Measurement Procedure**

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.

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (i.e., two to five times the OBW).
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
- c) Set the reference level of the instrument as required to keep the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope must be at least  $10\log(\text{OBW} / \text{RBW})$  below the reference level.
- d) Set the detection mode to peak, and the trace mode to max hold.
- e) Use the 26dB bandwidth function of the spectrum analyzer and report the measured bandwidth.

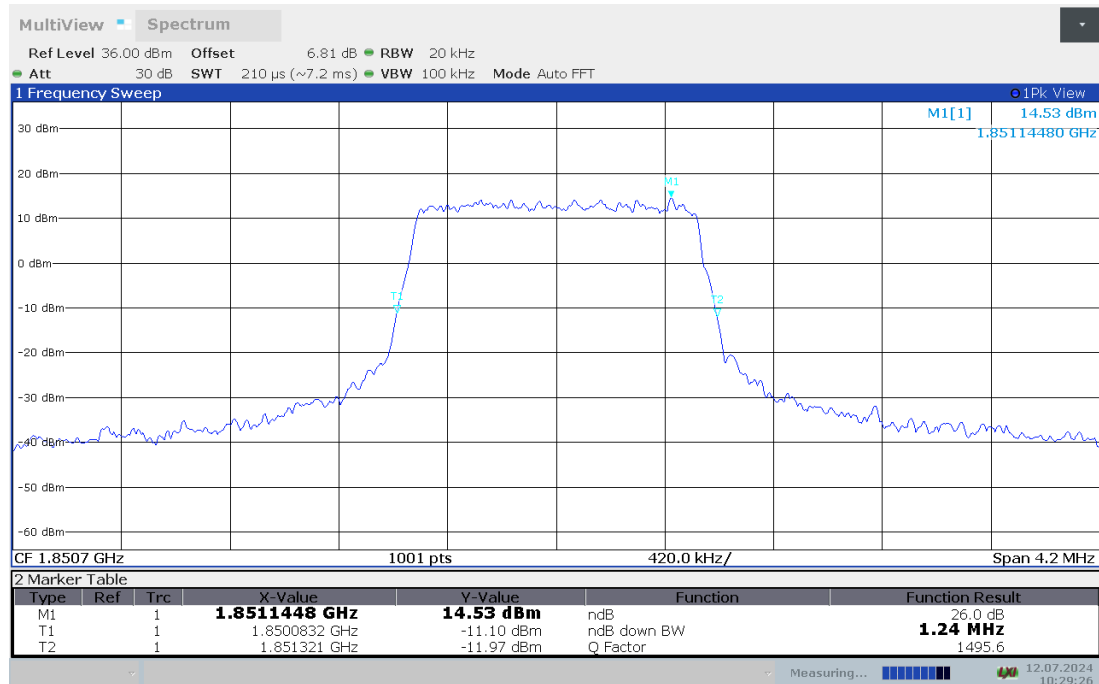
### **A.5.2 Emission Bandwidth Results**

Similar to conducted emissions; Emission bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies. Table below lists the measured -26dBc BW. Spectrum analyzer plots are included on the following pages.

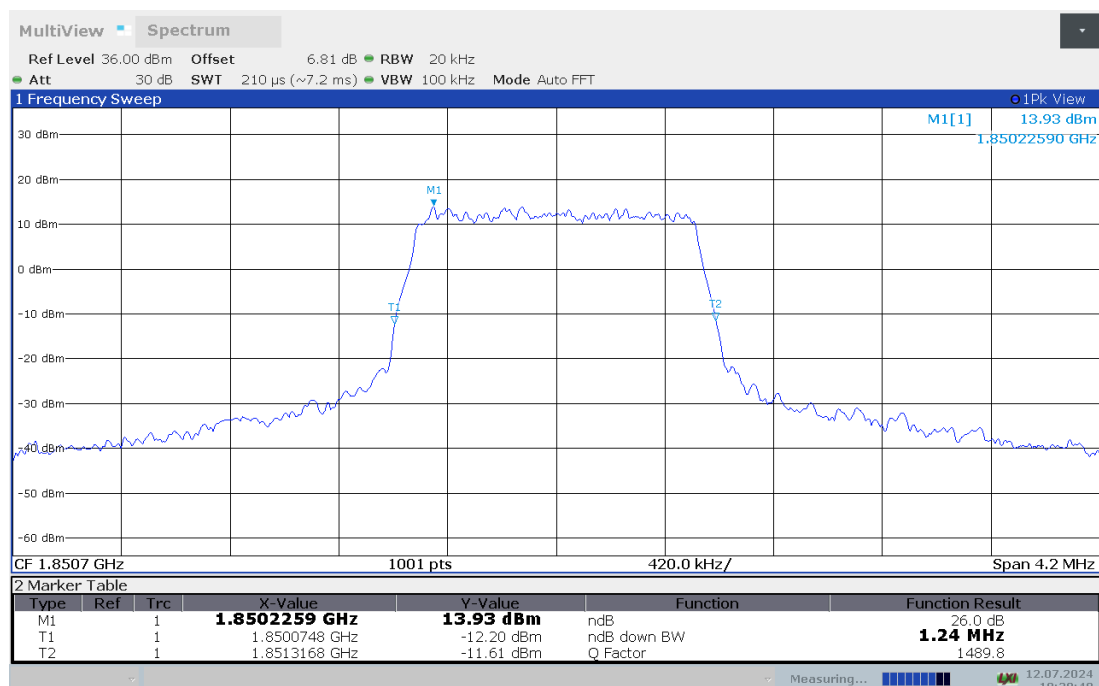
### LTE band 2, 1.4MHz (-26Bc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1850.7	1.238	1.242
1880	1.234	1.242
1909.3	1.242	1.234

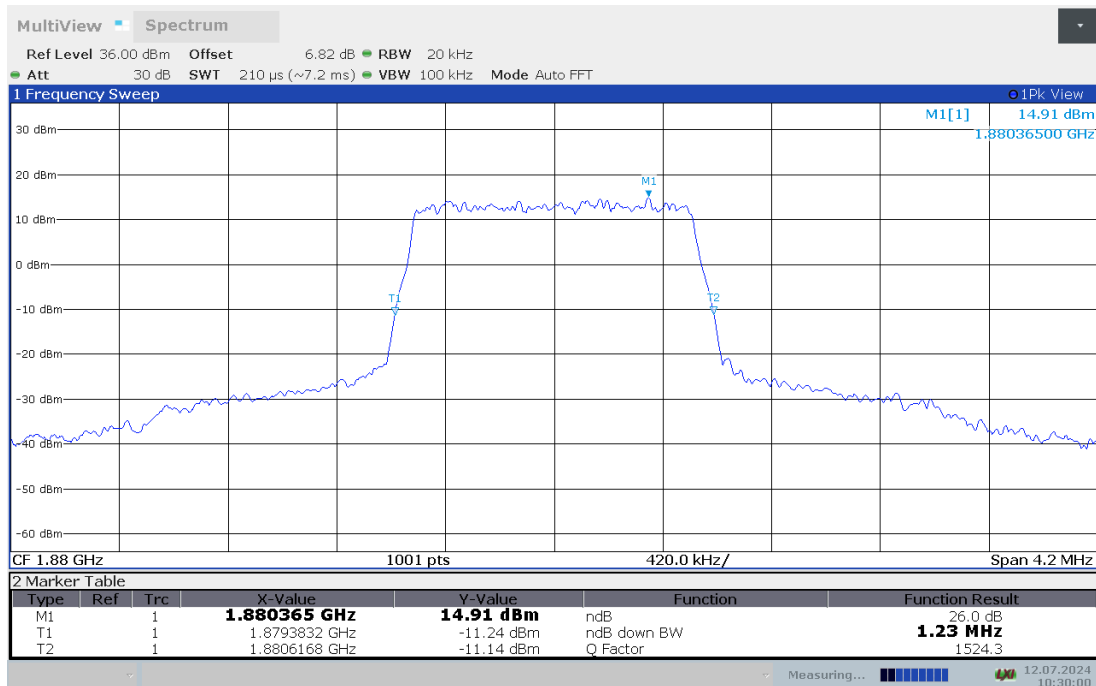
### LTE band 2 , 1.4MHz Bandwidth,LOW,QPSK (-26dBc BW)



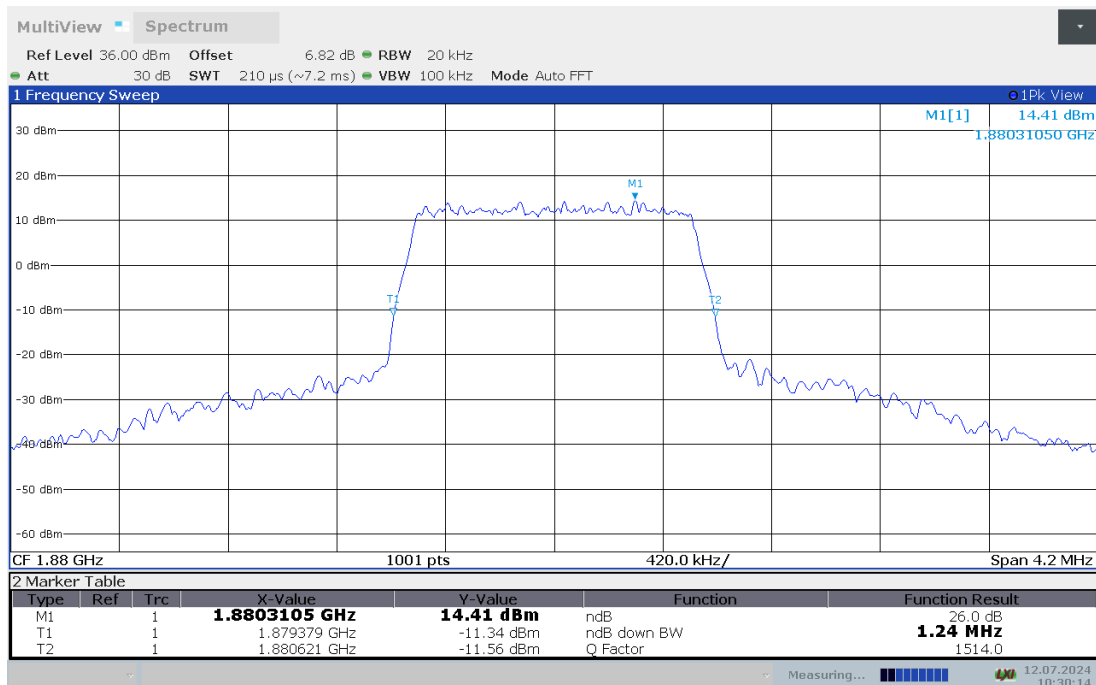
### LTE band 2 , 1.4MHz Bandwidth,LOW,16QAM (-26dBc BW)



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

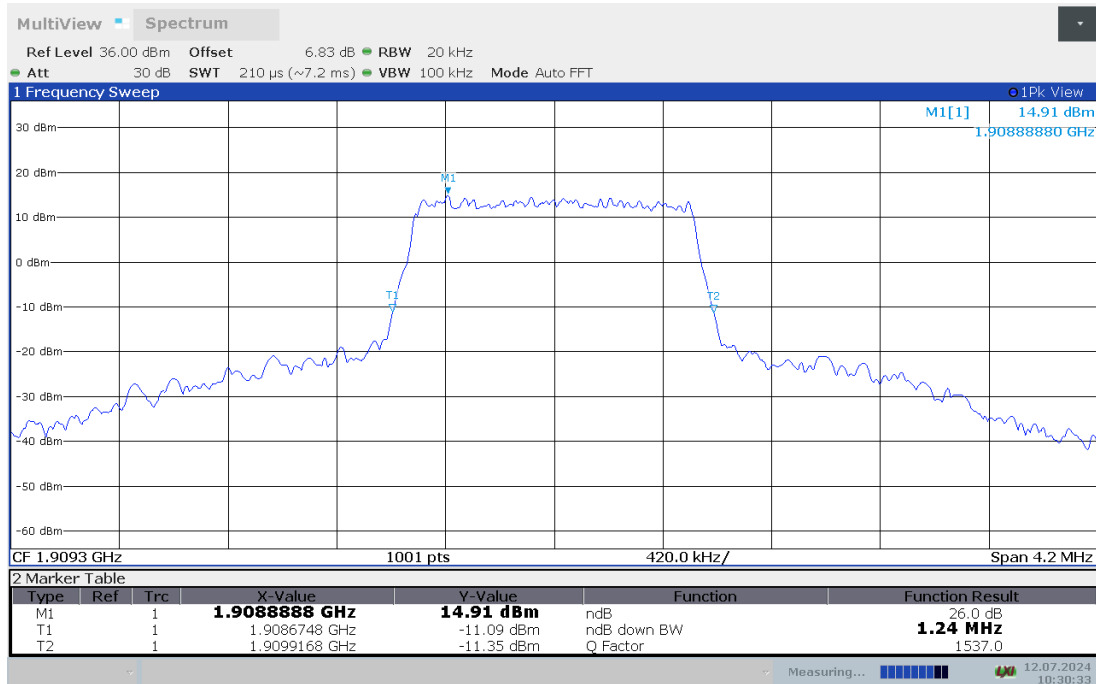


### LTE band 2 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)

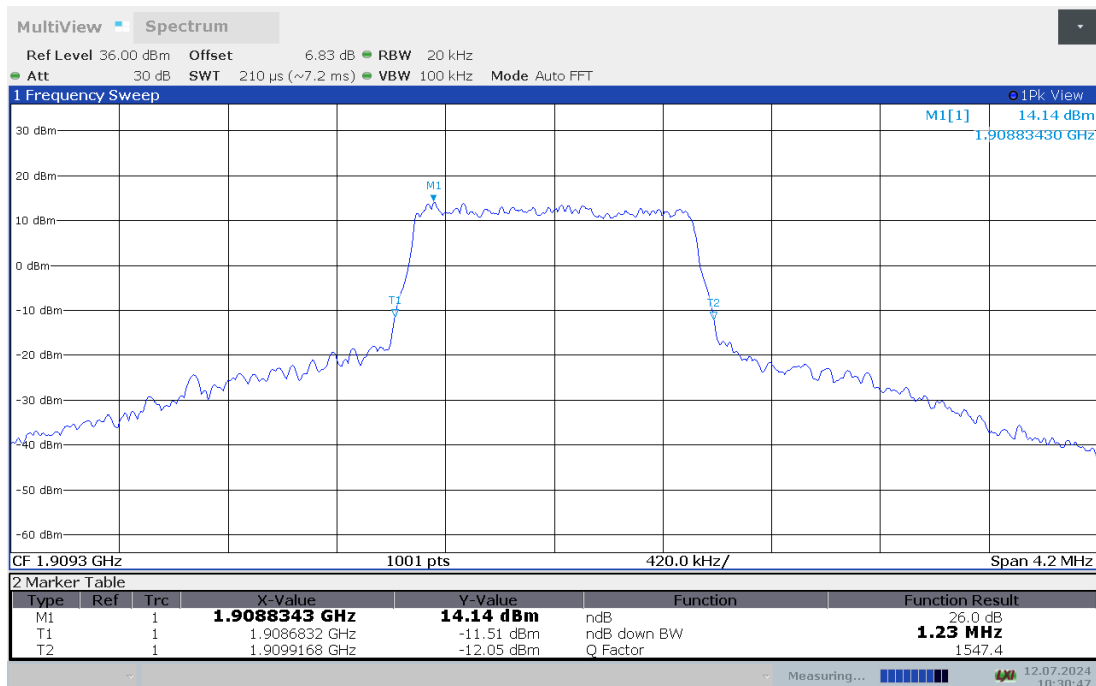




### LTE band 2 , 1.4MHz Bandwidth,HIGH,QPSK (-26dBc BW)



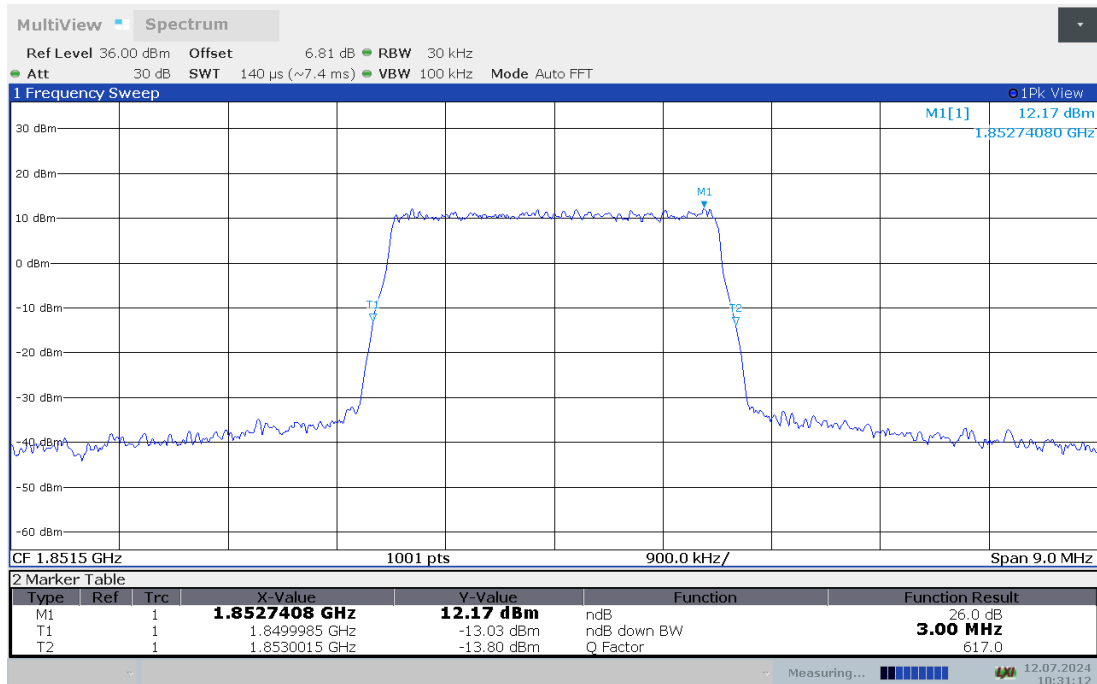
### LTE band 2 , 1.4MHz Bandwidth,HIGH,16QAM (-26dBc BW)



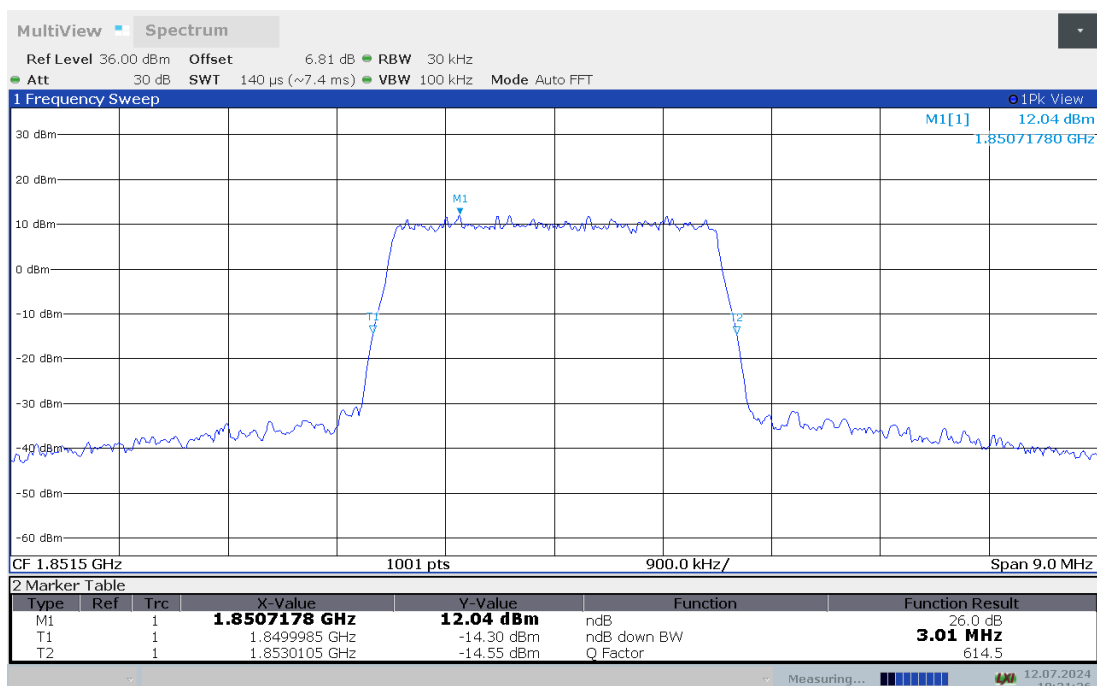
### LTE band 2,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1851.5	3.003	3.012
1880	3.012	2.985
1908.5	2.994	2.994

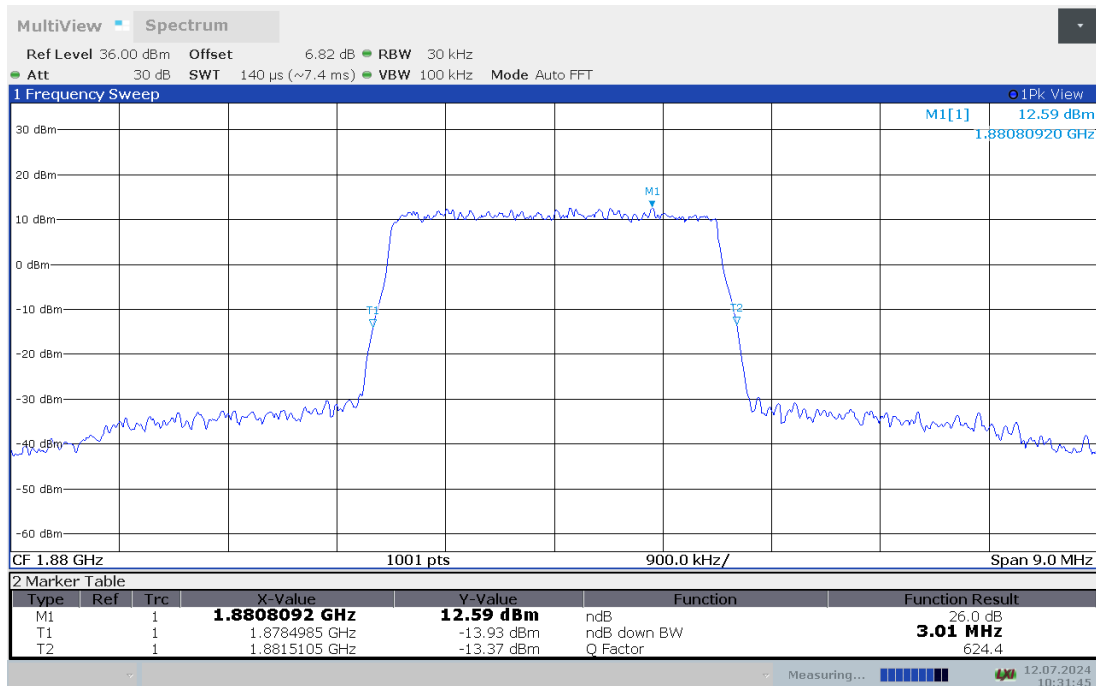
### LTE band 2 , 3MHz Bandwidth,LOW,QPSK (-26dBc BW)



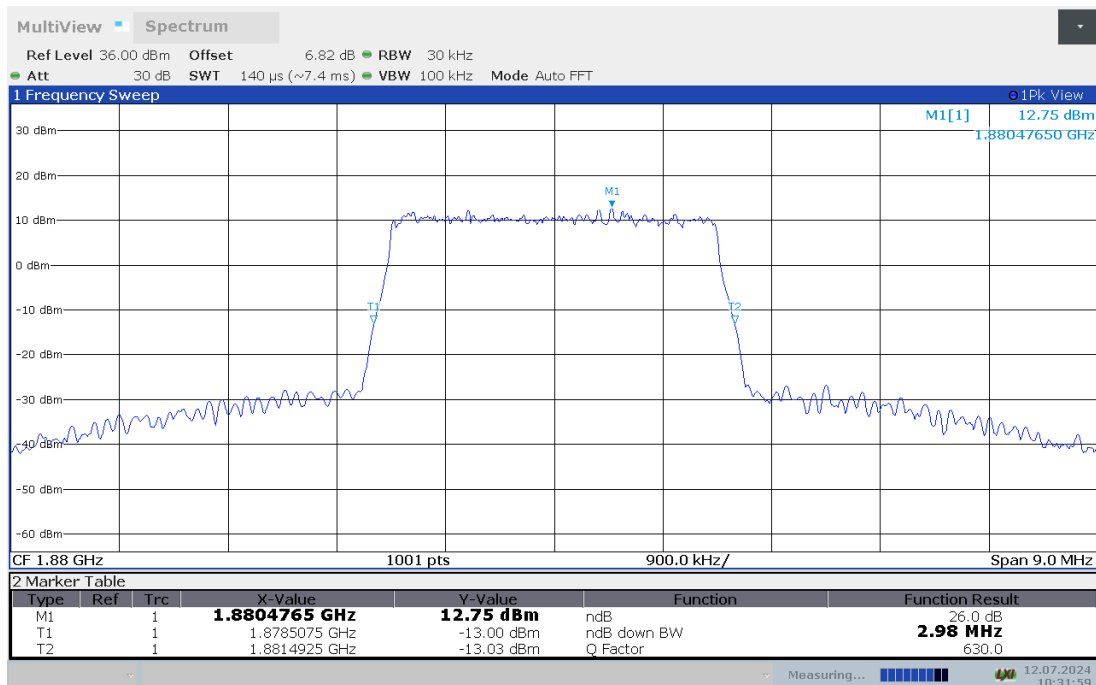
### LTE band 2 , 3MHz Bandwidth,LOW,16QAM (-26dBc BW)



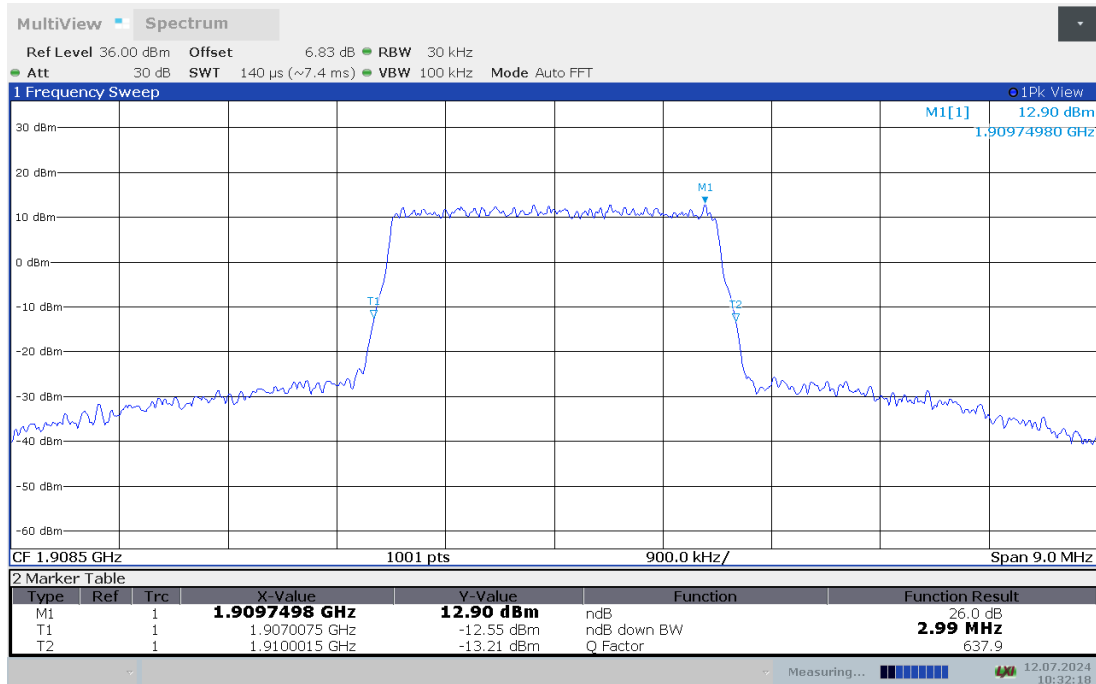
### LTE band 2 , 3MHz Bandwidth,MID,QPSK (-26dBc BW)



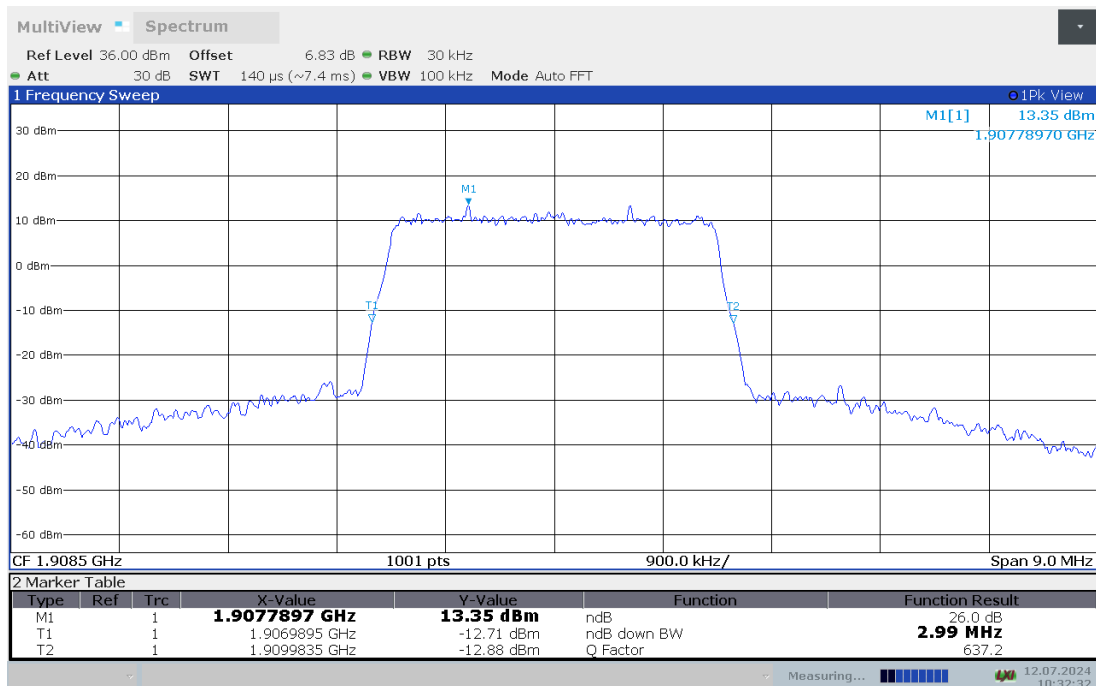
### LTE band 2 , 3MHz Bandwidth,MID,16QAM (-26dBc BW)



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



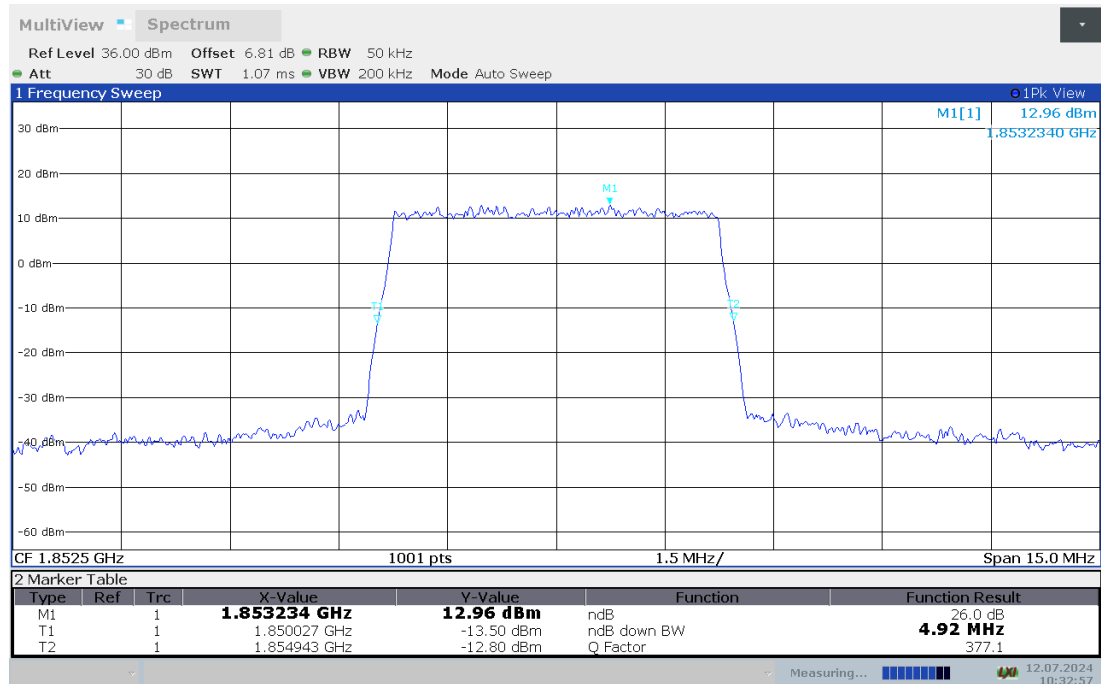
### LTE band 2 , 3MHz Bandwidth,HIGH,16QAM (-26dBc BW)



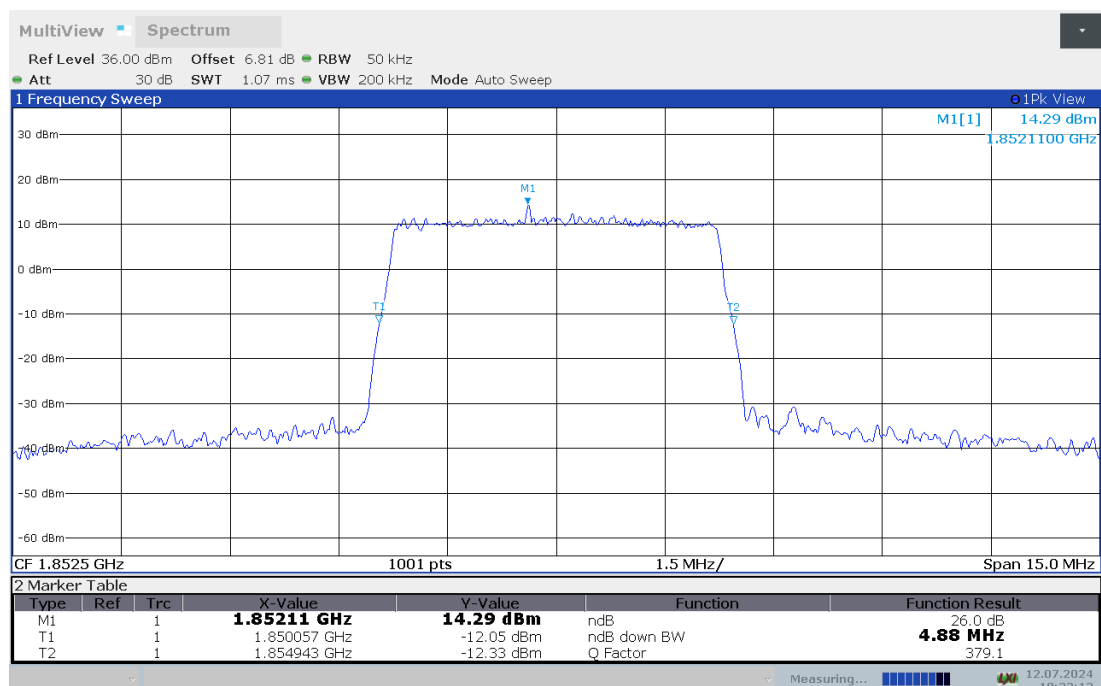
### LTE band 2,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1852.5	4.915	4.885
1880	4.915	4.930
1907.5	4.900	4.930

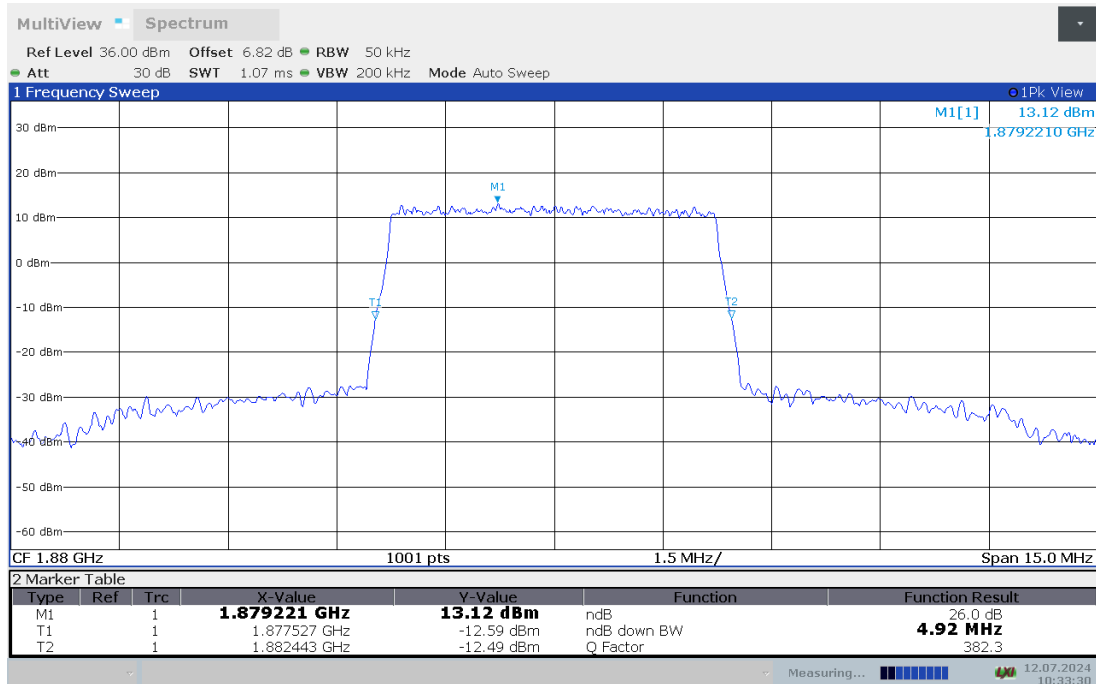
### LTE band 2 , 5MHz Bandwidth,LOW,QPSK (-26dBc BW)



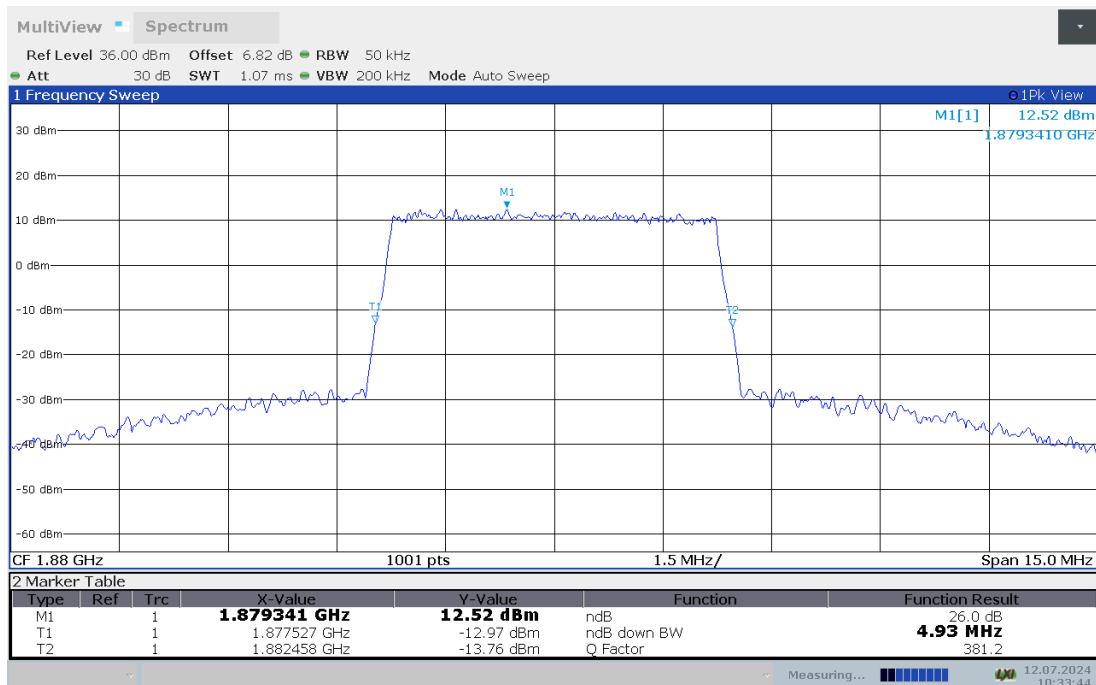
### LTE band 2 , 5MHz Bandwidth,LOW,16QAM (-26dBc BW)



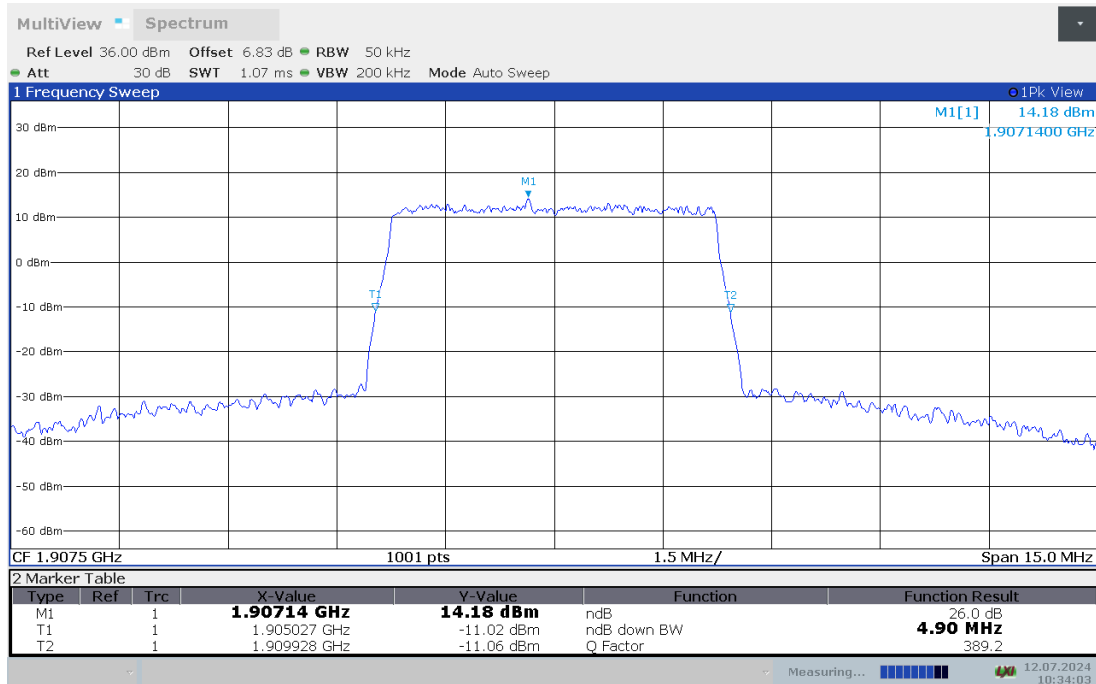
### LTE band 2 , 5MHz Bandwidth,MID,QPSK (-26dBc BW)



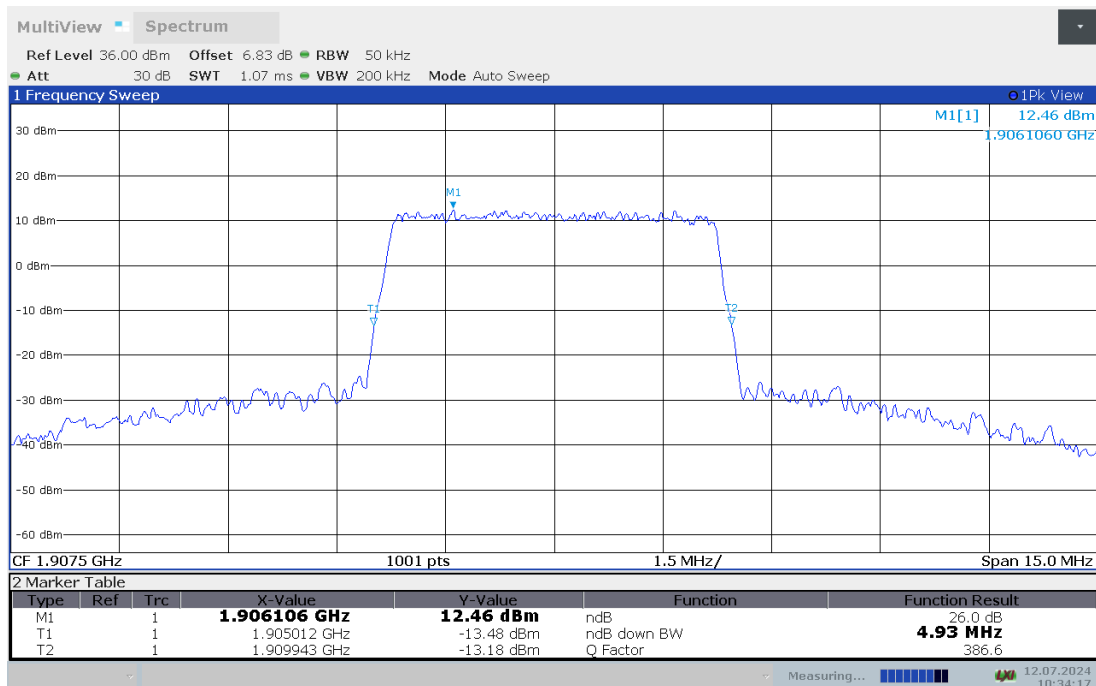
### LTE band 2 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)



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



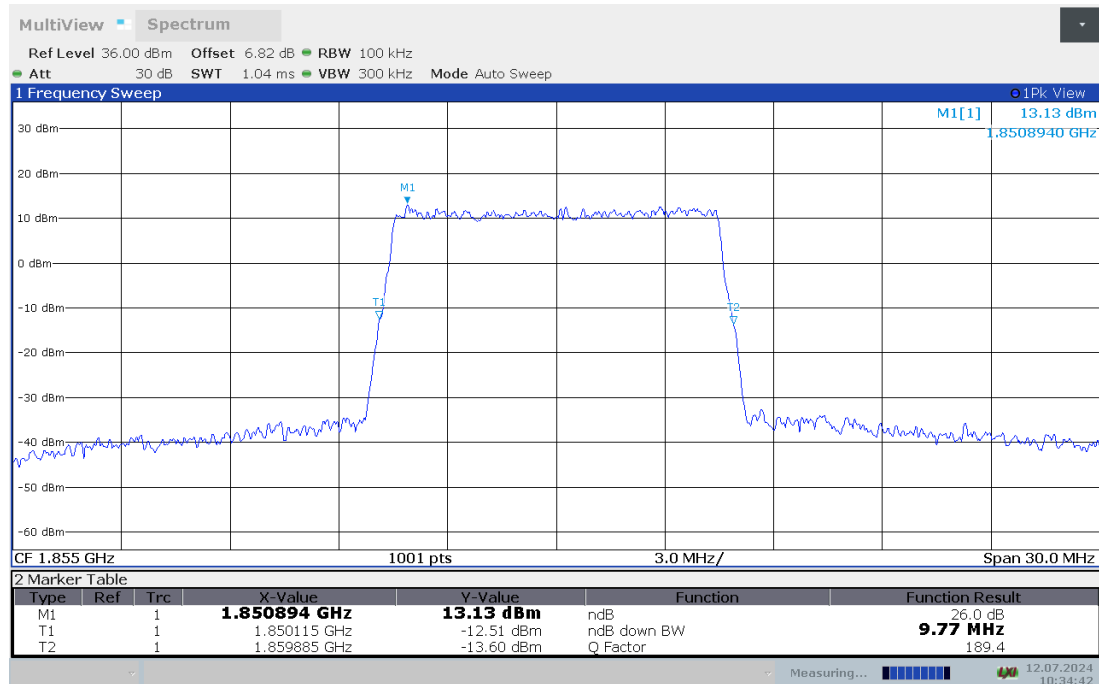
### LTE band 2 , 5MHz Bandwidth,HIGH,16QAM (-26dBc BW)



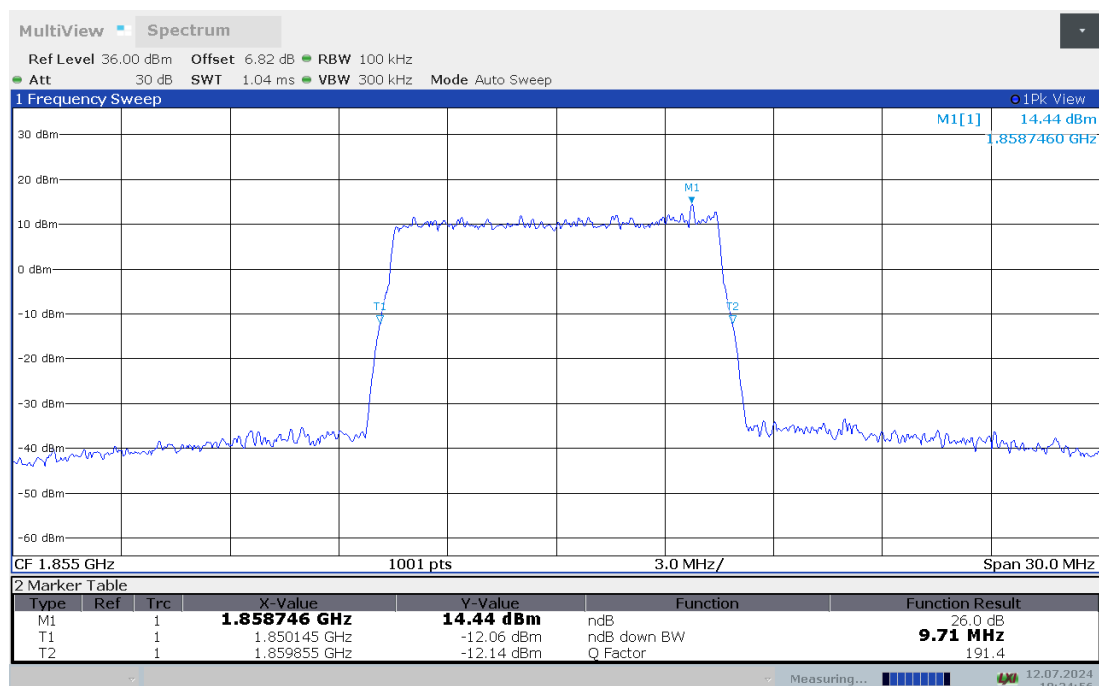
### LTE band 2,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1855	9.770	9.710
1880	9.740	9.710
1905	9.710	9.800

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

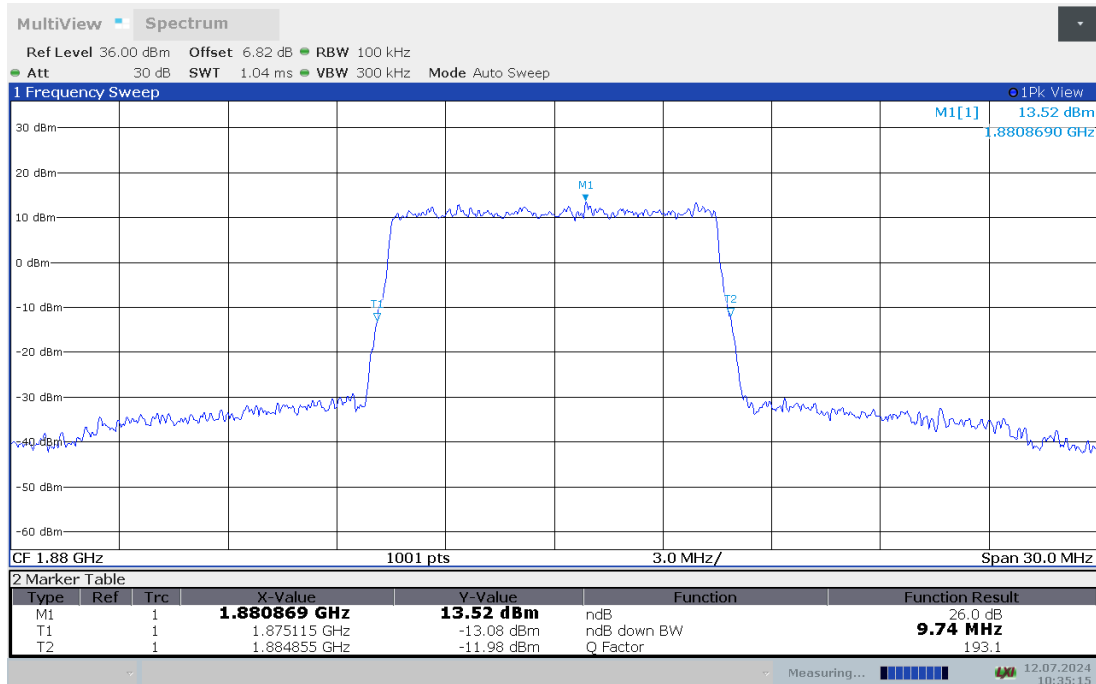


### LTE band 2 , 10MHz Bandwidth,LOW,16QAM (-26dBc BW)

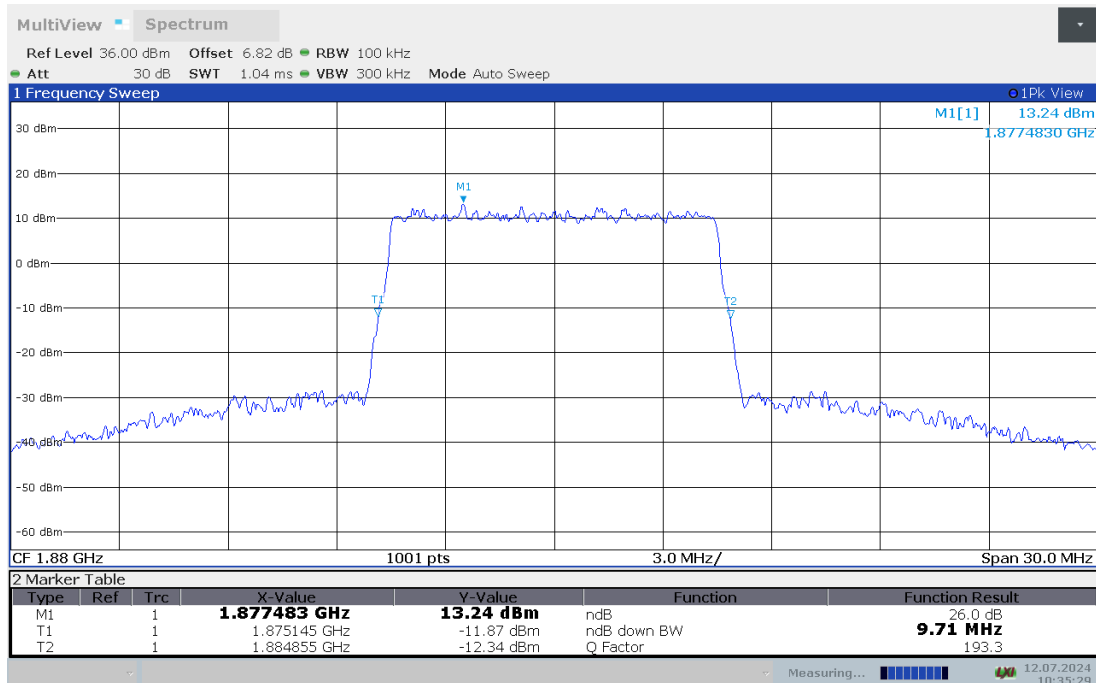




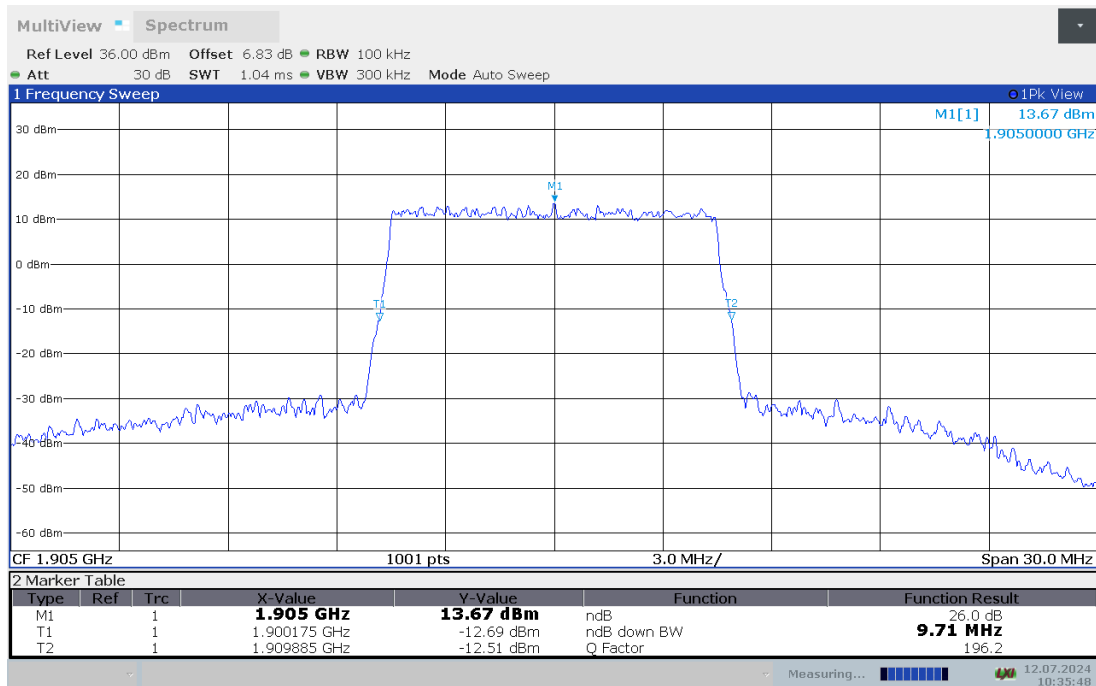
### LTE band 2 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)



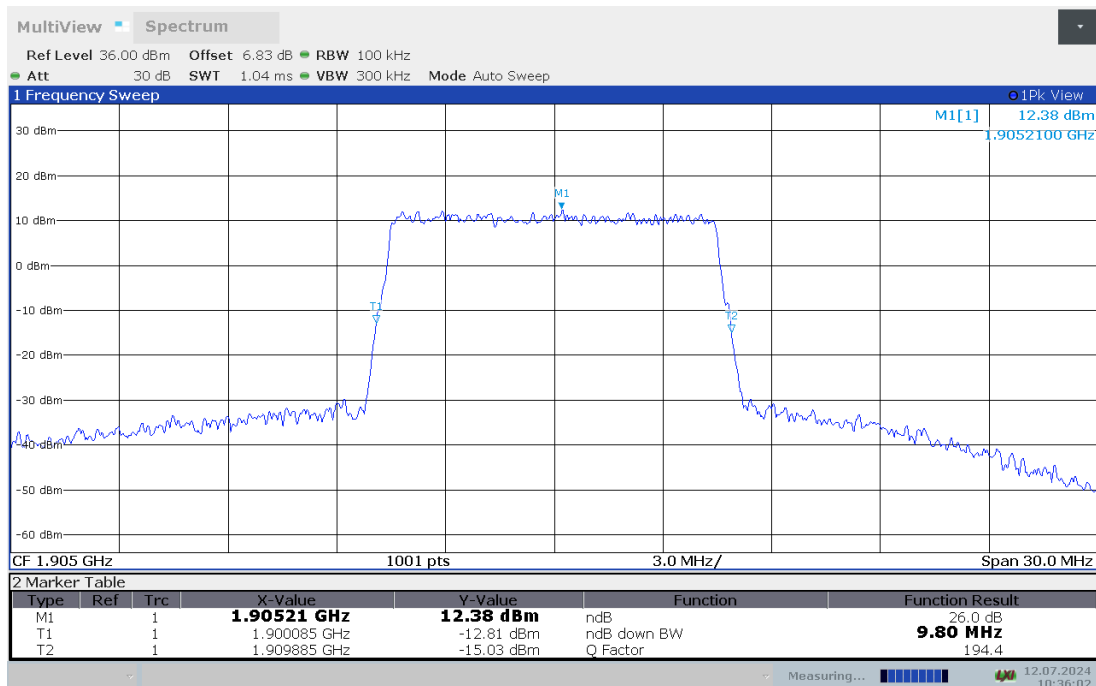
### LTE band 2 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



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



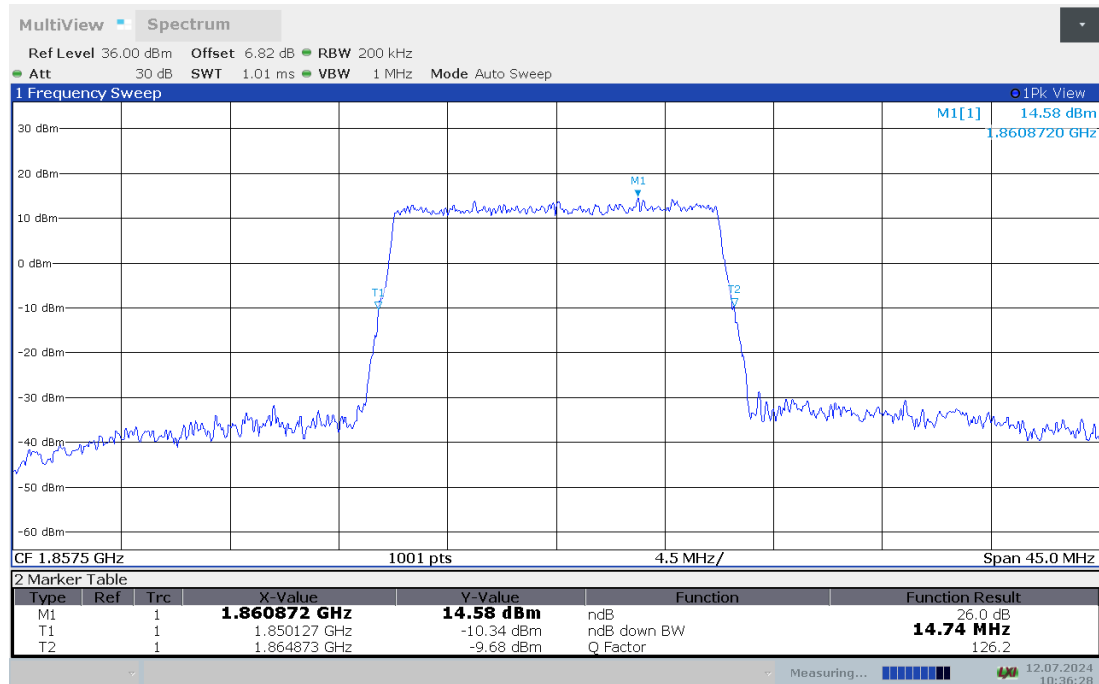
### LTE band 2 , 10MHz Bandwidth,HIGH,16QAM (-26dBc BW)



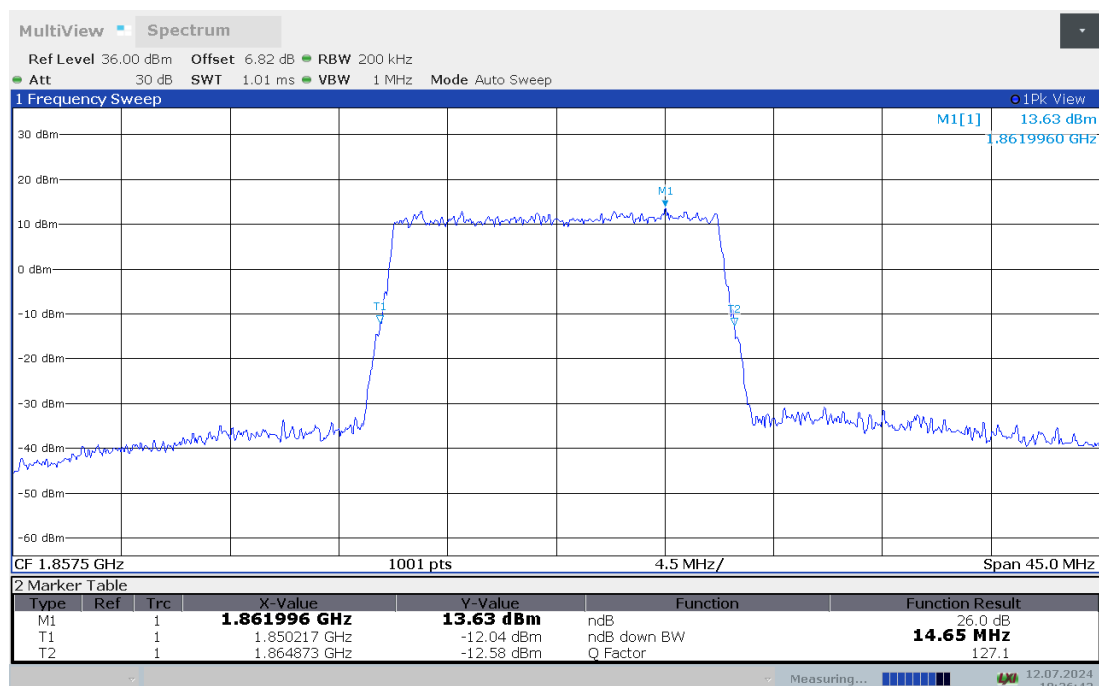
### LTE band 2,15MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1857.5	14.745	14.655
1880	14.745	14.700
1902.5	14.700	14.610

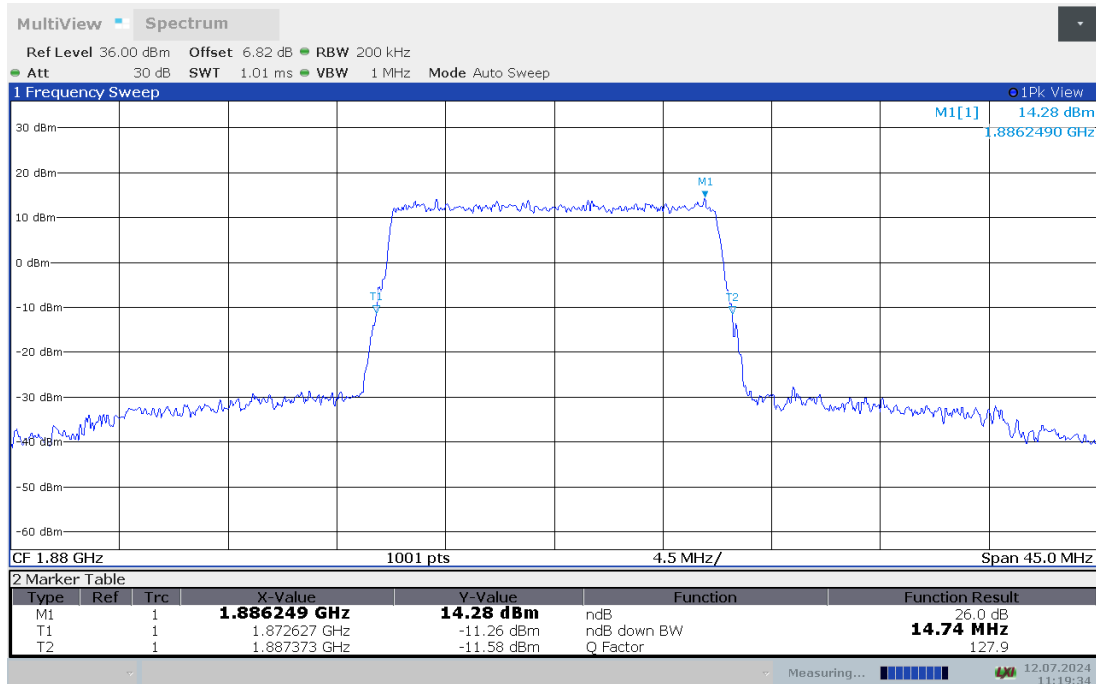
### LTE band 2 , 15MHz Bandwidth,LOW,QPSK (-26dBc BW)



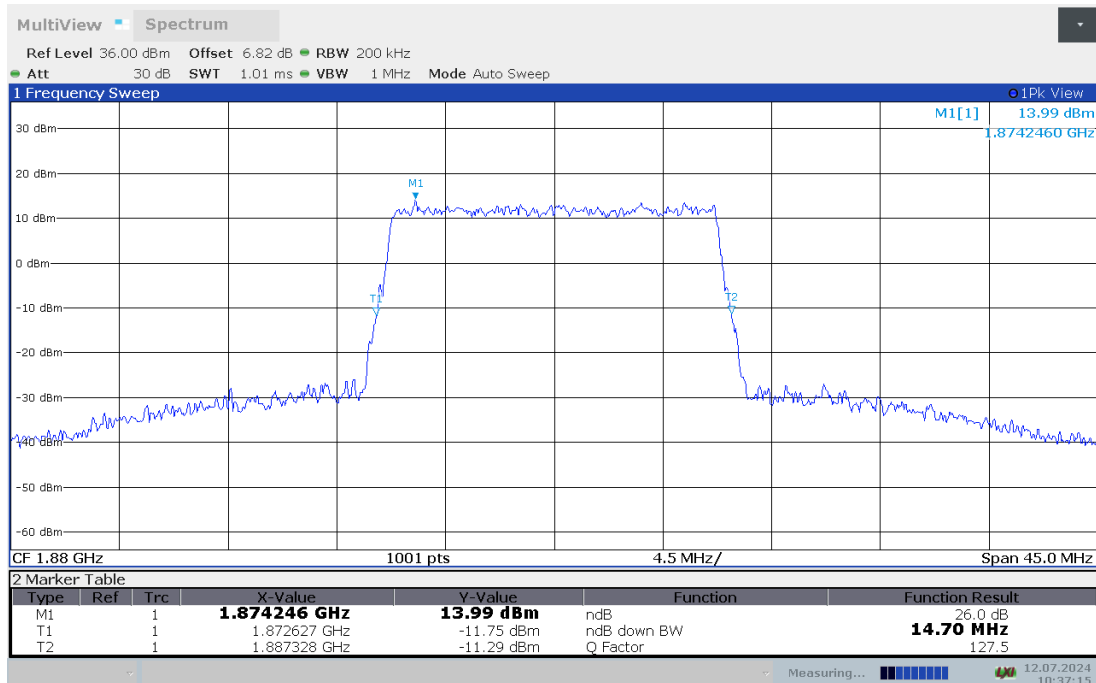
### LTE band 2 , 15MHz Bandwidth,LOW,16QAM (-26dBc BW)



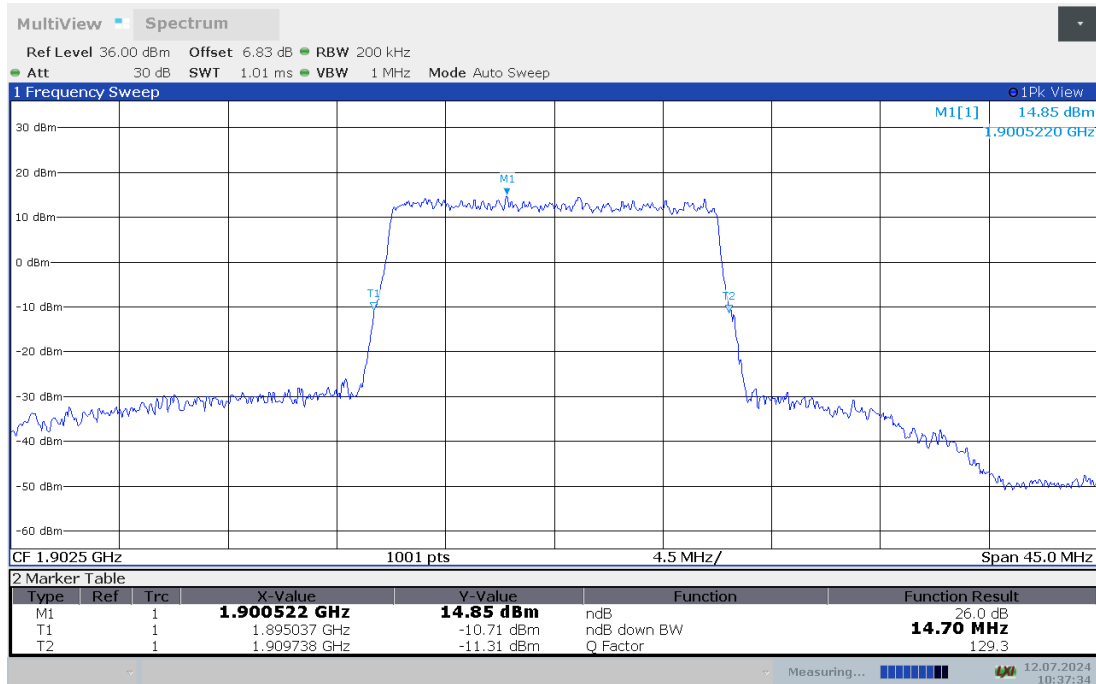
### LTE band 2 , 15MHz Bandwidth,MID,QPSK (-26dBc BW)



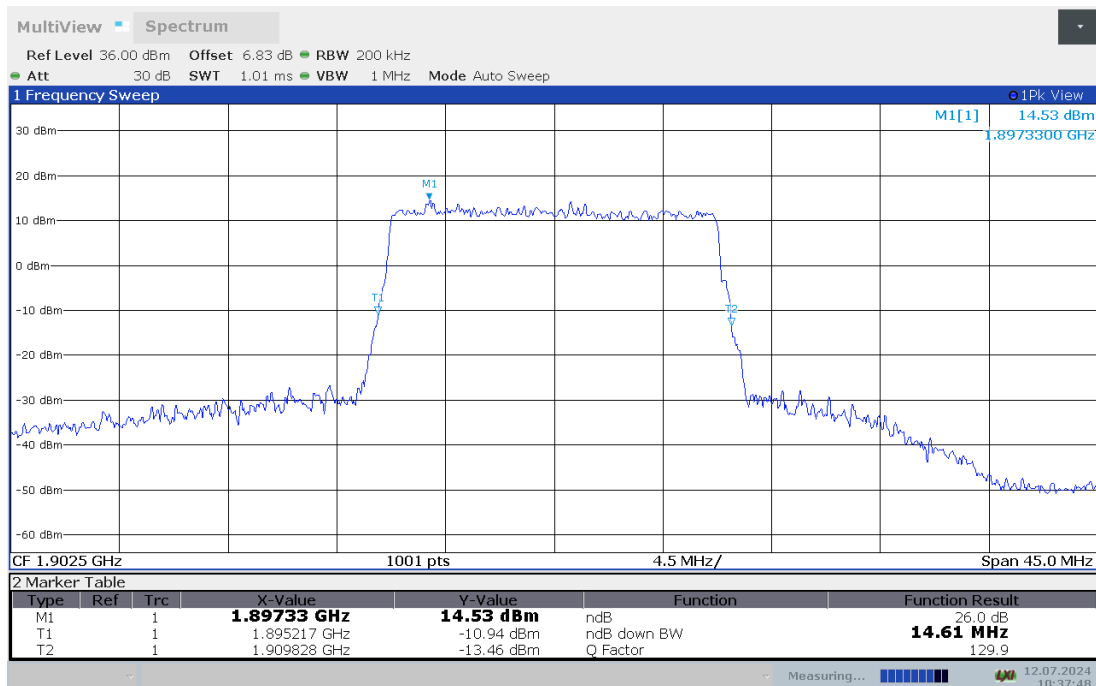
### LTE band 2 , 15MHz Bandwidth,MID,16QAM (-26dBc BW)



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



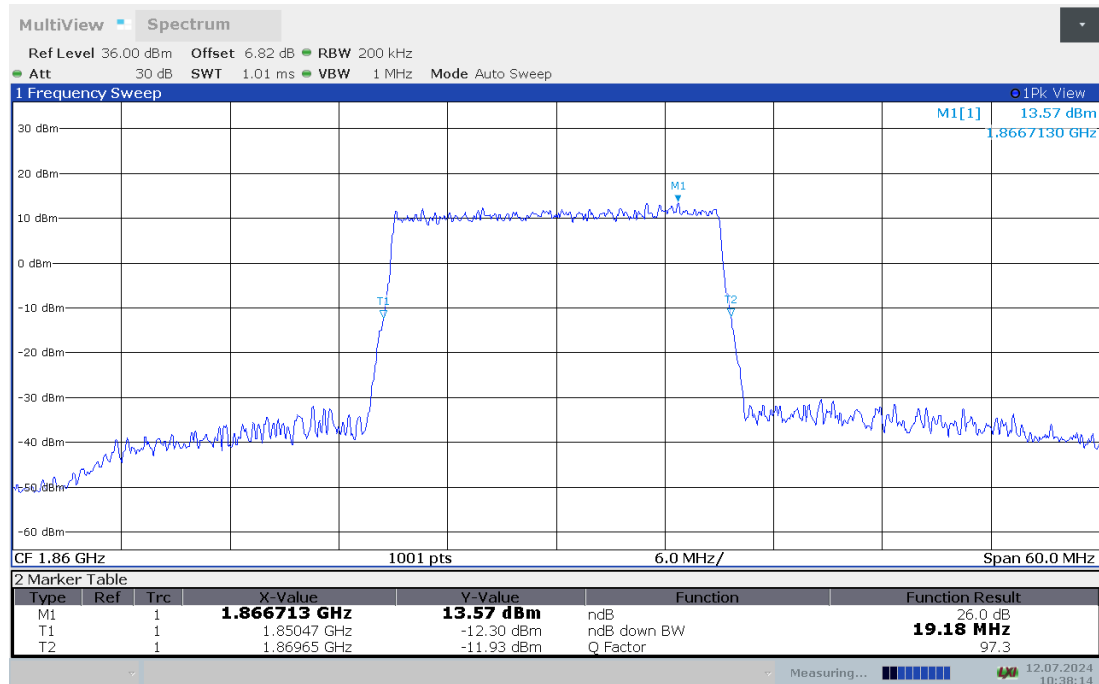
### LTE band 2 , 15MHz Bandwidth,HIGH,16QAM (-26dBc BW)



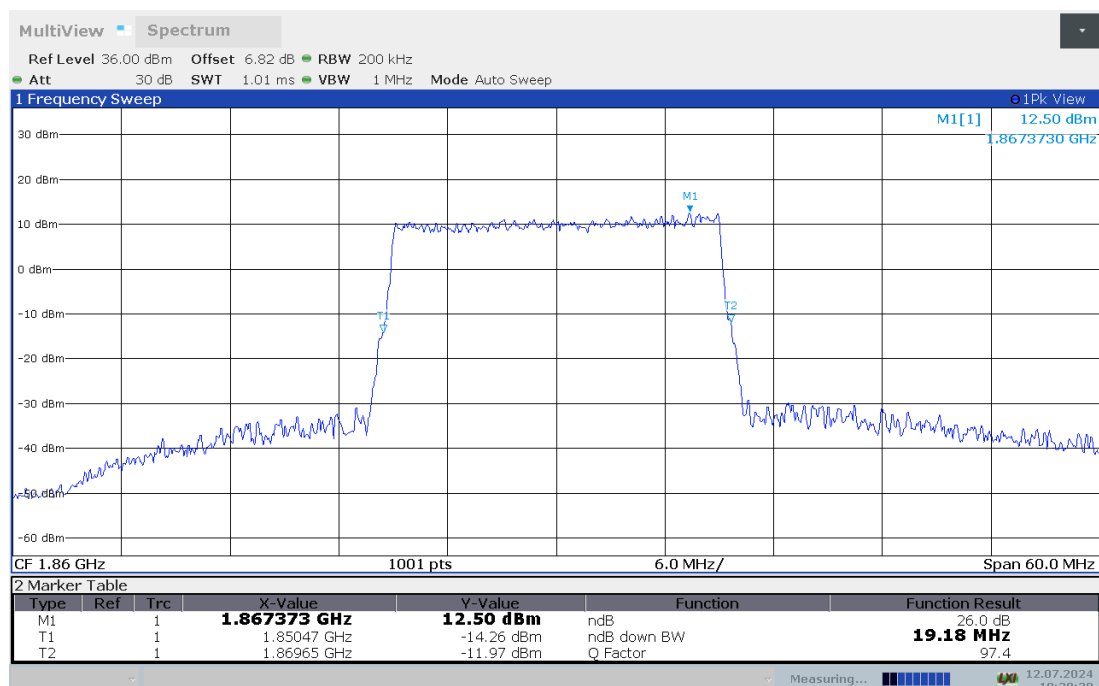
### LTE band 2,20MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1860	19.181	19.181
1880	19.361	19.540
1900	19.361	19.421

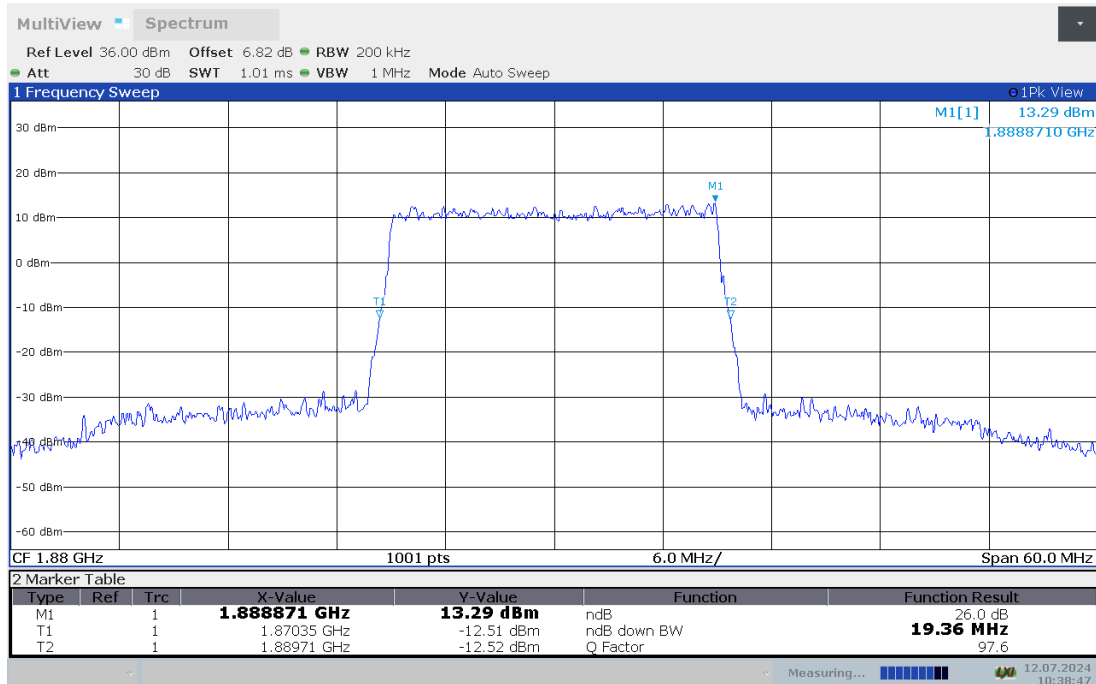
### LTE band 2 , 20MHz Bandwidth,LOW,QPSK (-26dBc BW)



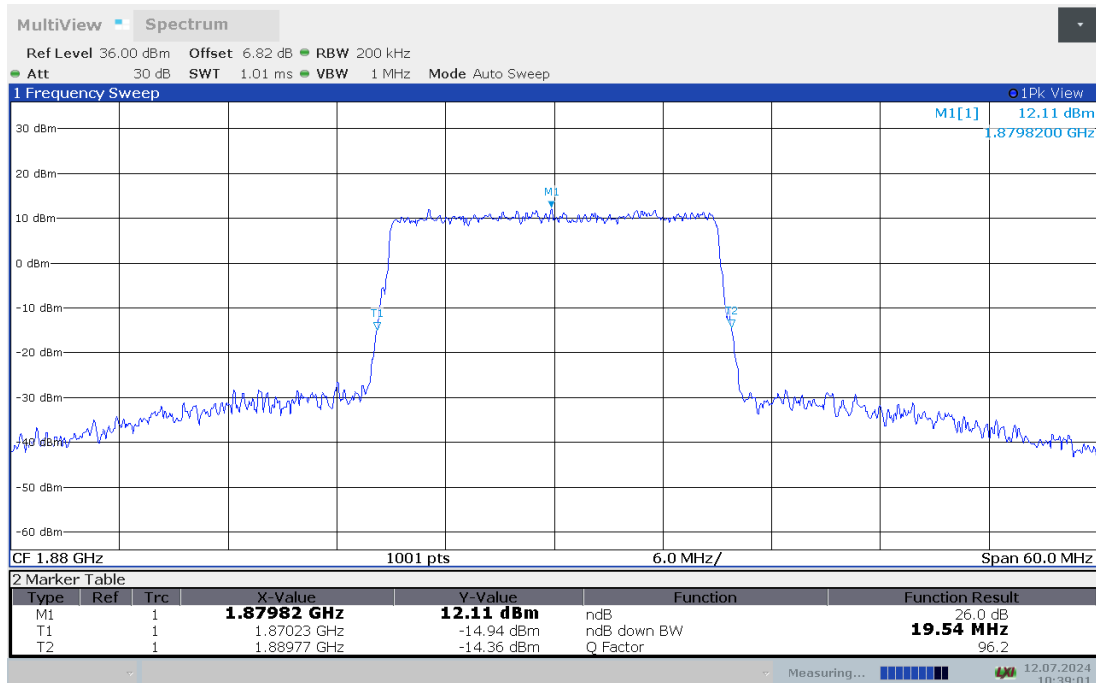
### LTE band 2 , 20MHz Bandwidth,LOW,16QAM (-26dBc BW)



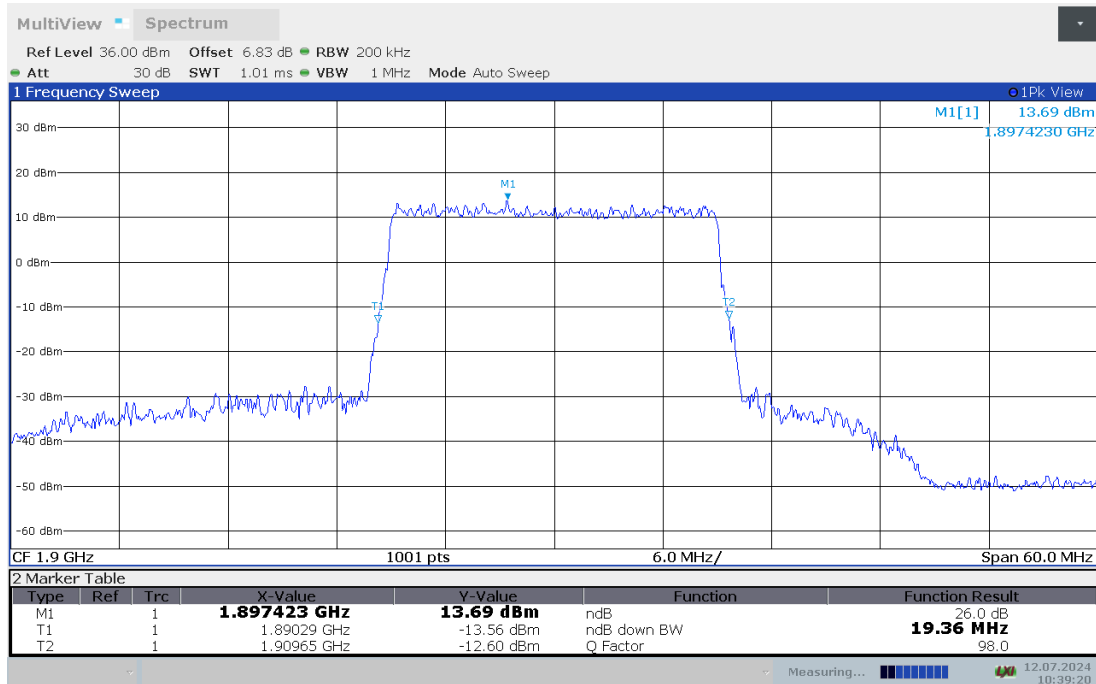
### LTE band 2 , 20MHz Bandwidth,MID,QPSK (-26dBc BW)



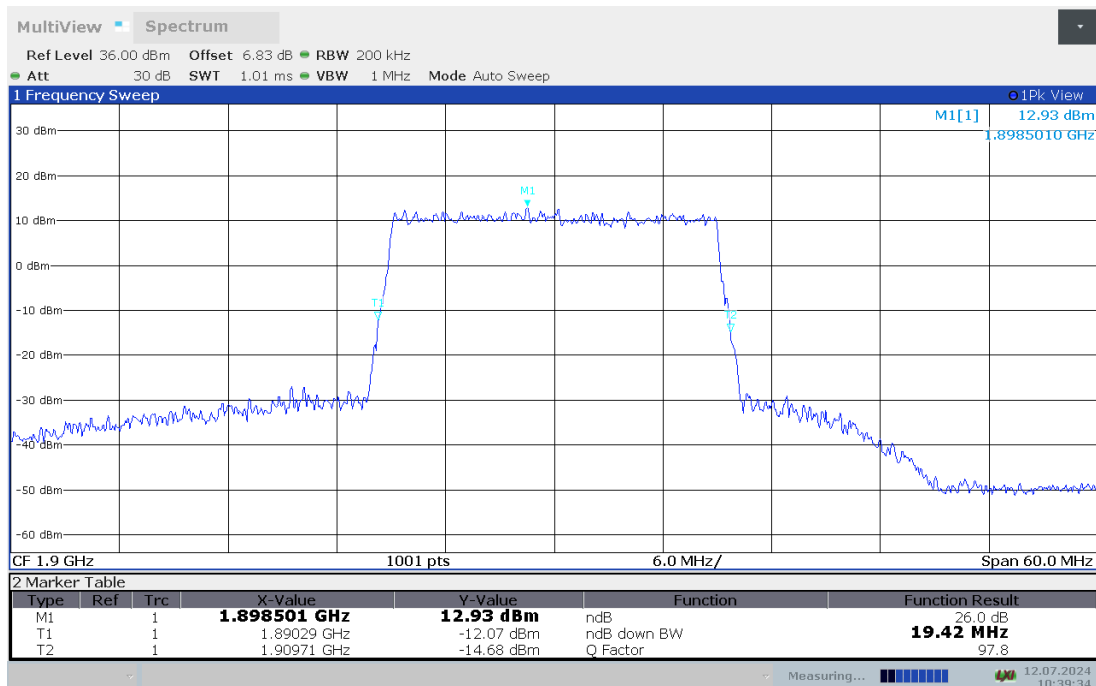
### LTE band 2 , 20MHz Bandwidth,MID,16QAM (-26dBc BW)



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



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

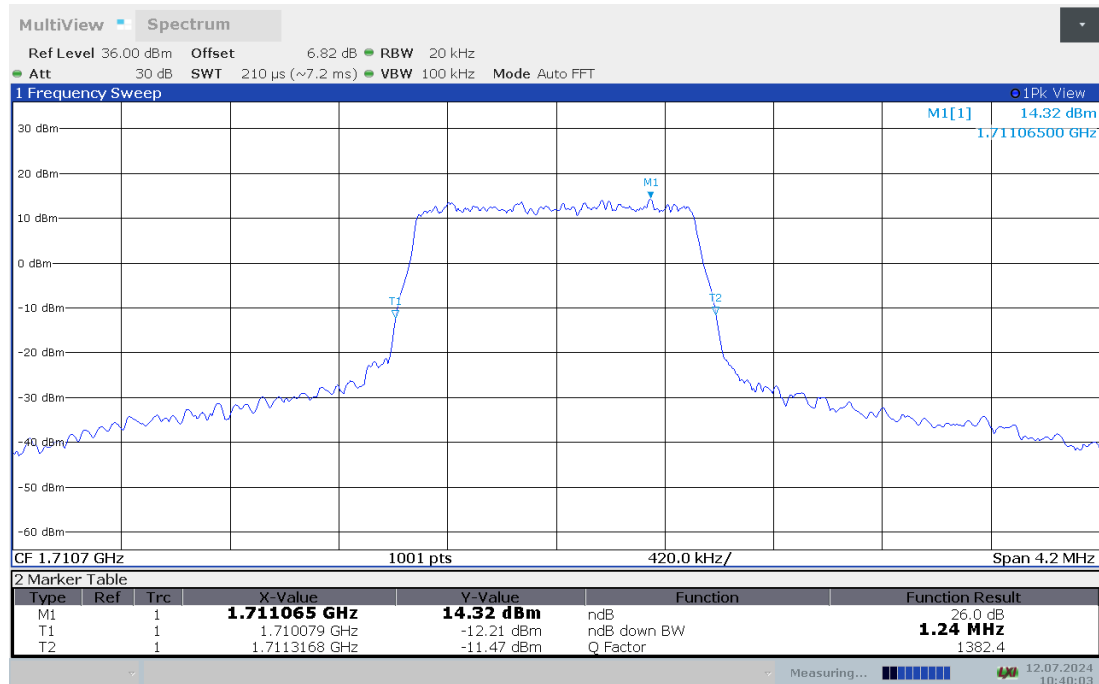




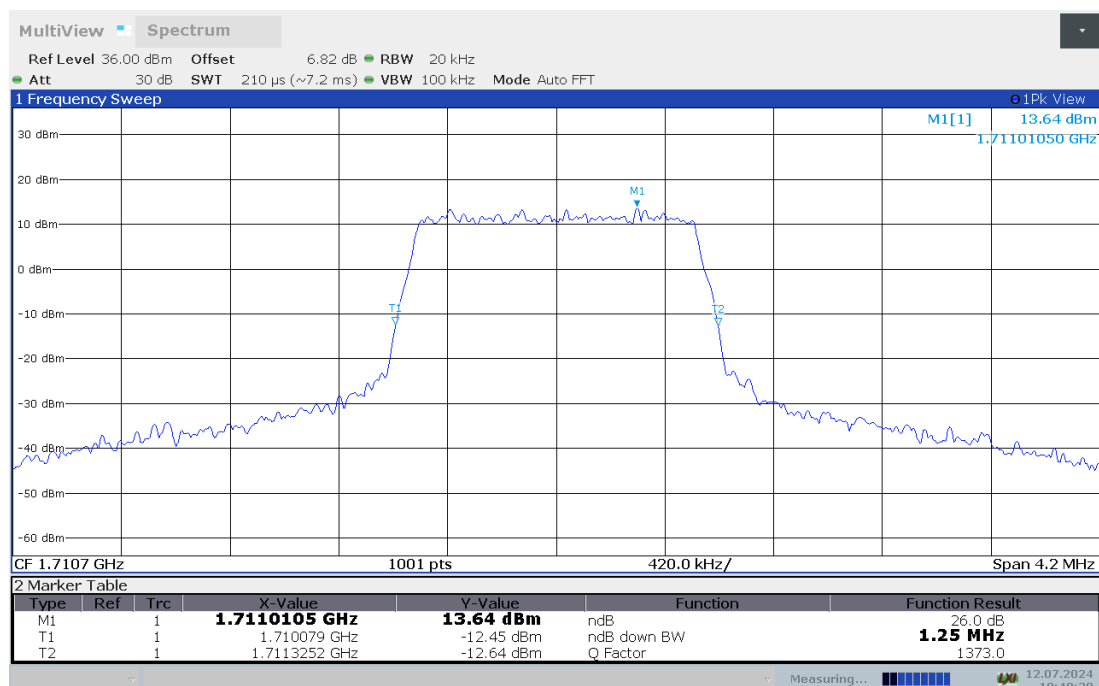
### LTE band 4,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1710.7	1.238	1.246
1732.5	1.242	1.234
1754.3	1.242	1.242

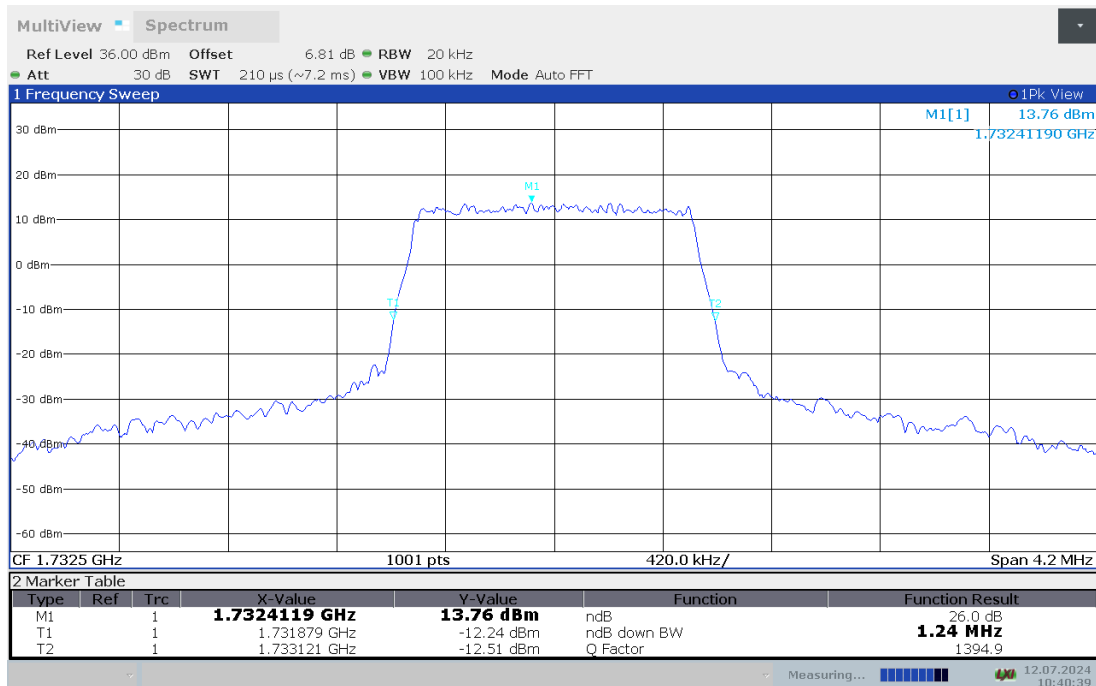
### LTE band 4 , 1.4MHz Bandwidth,LOW,QPSK (-26dBc BW)



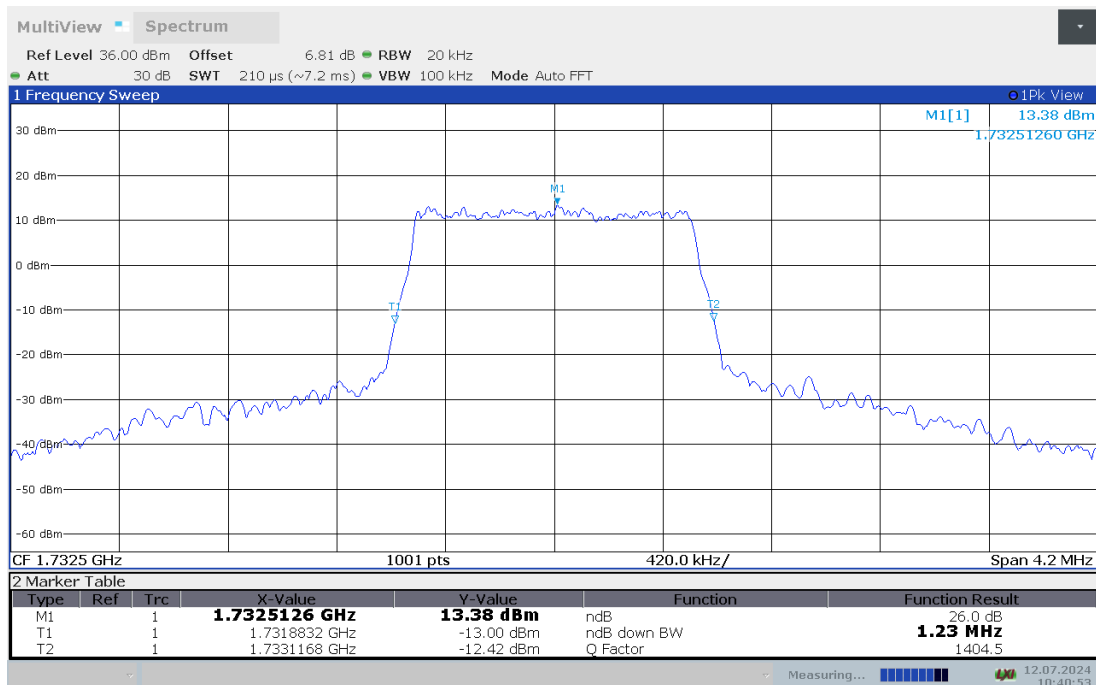
### LTE band 4 , 1.4MHz Bandwidth,LOW,16QAM (-26dBc BW)



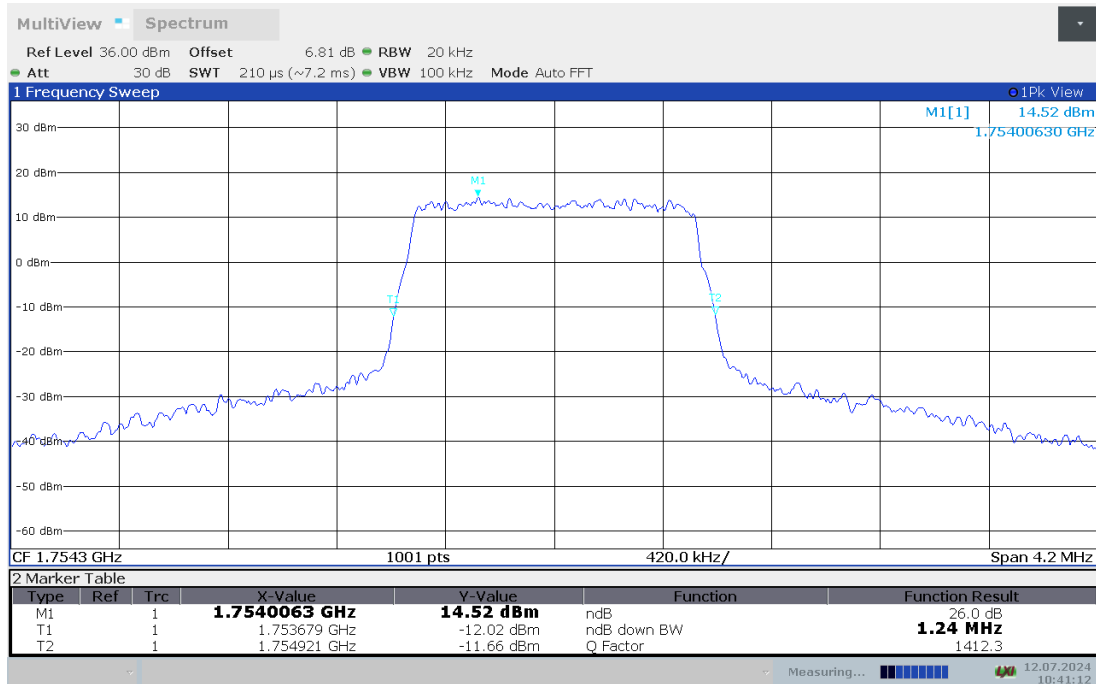
### LTE band 4 , 1.4MHz Bandwidth,MID,QPSK (-26dBc BW)



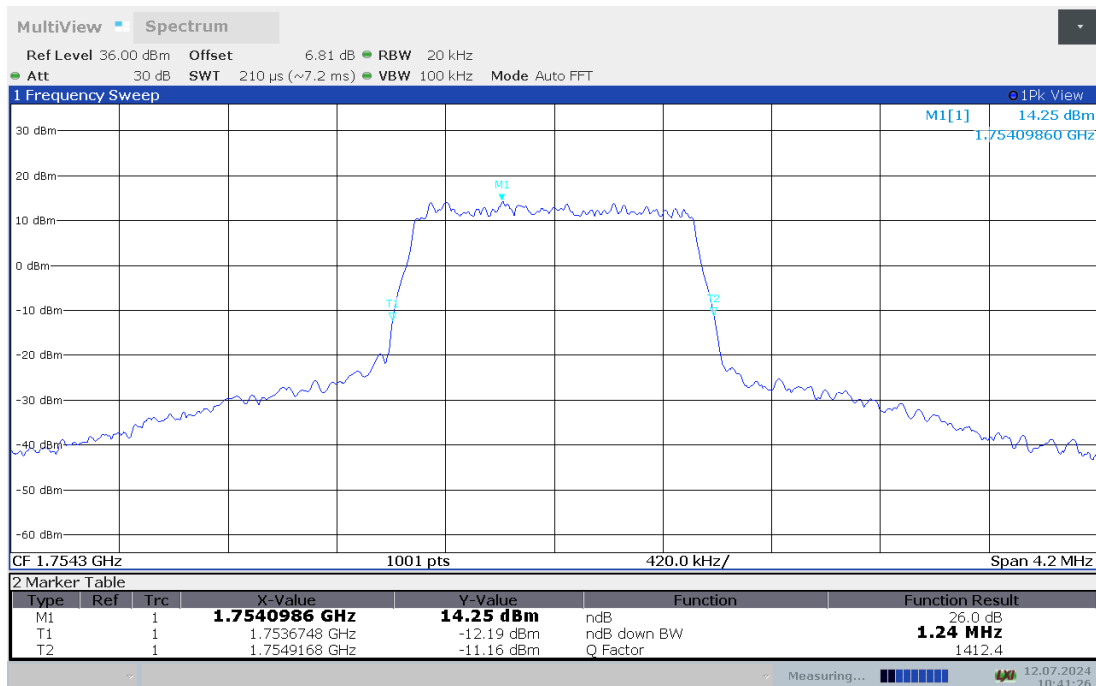
### LTE band 4 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)



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



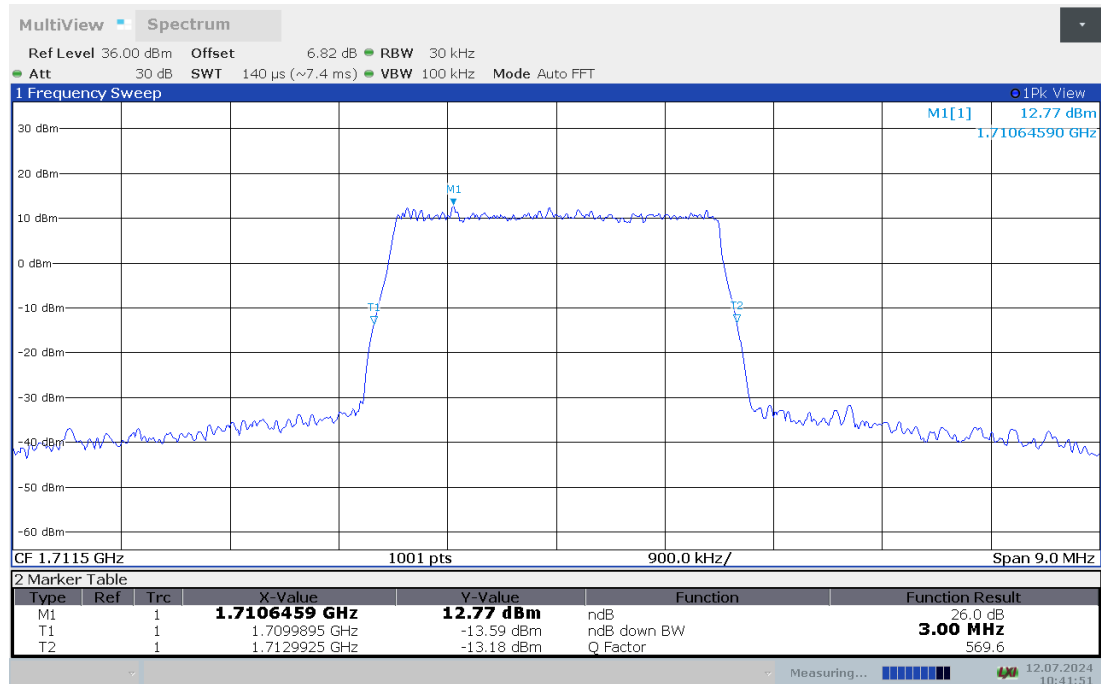
### LTE band 4 , 1.4MHz Bandwidth,HIGH,16QAM (-26dBc BW)



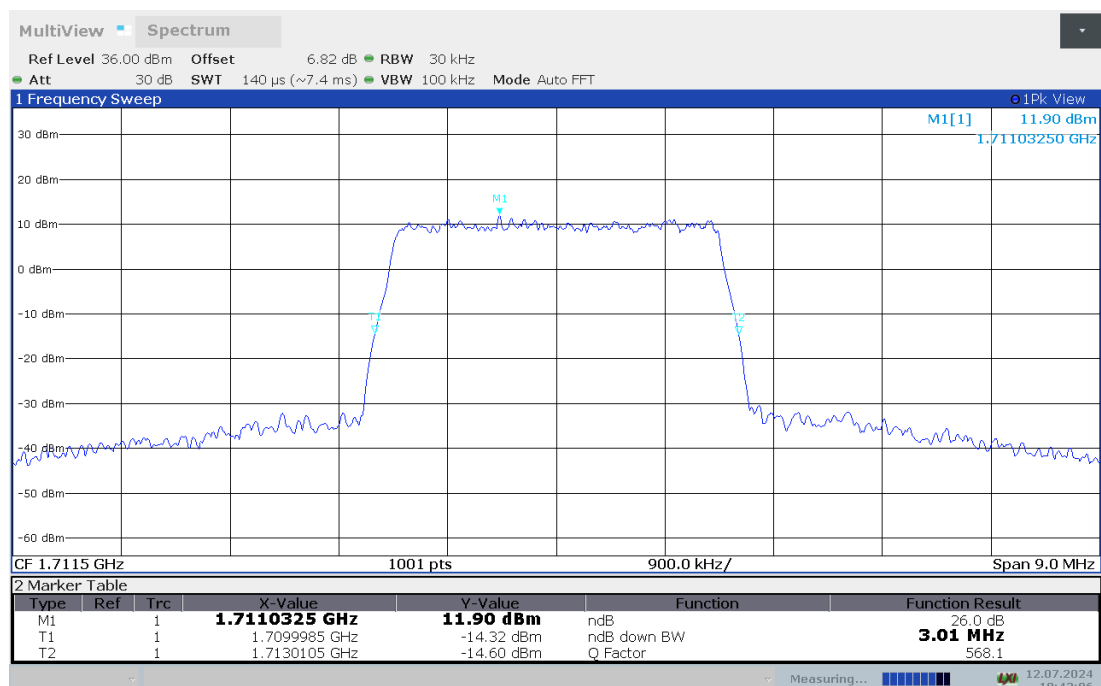
### LTE band 4,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1711.5	3.003	3.012
1732.5	2.994	3.003
1753.5	3.012	2.877

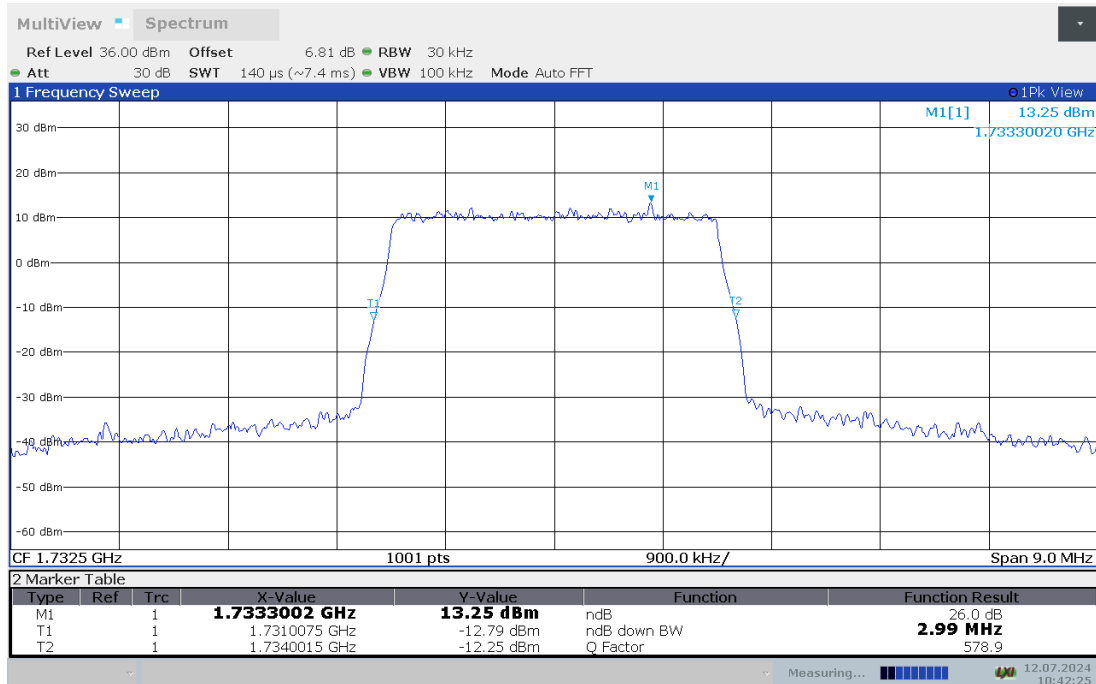
### LTE band 4 , 3MHz Bandwidth,LOW,QPSK (-26dBc BW)



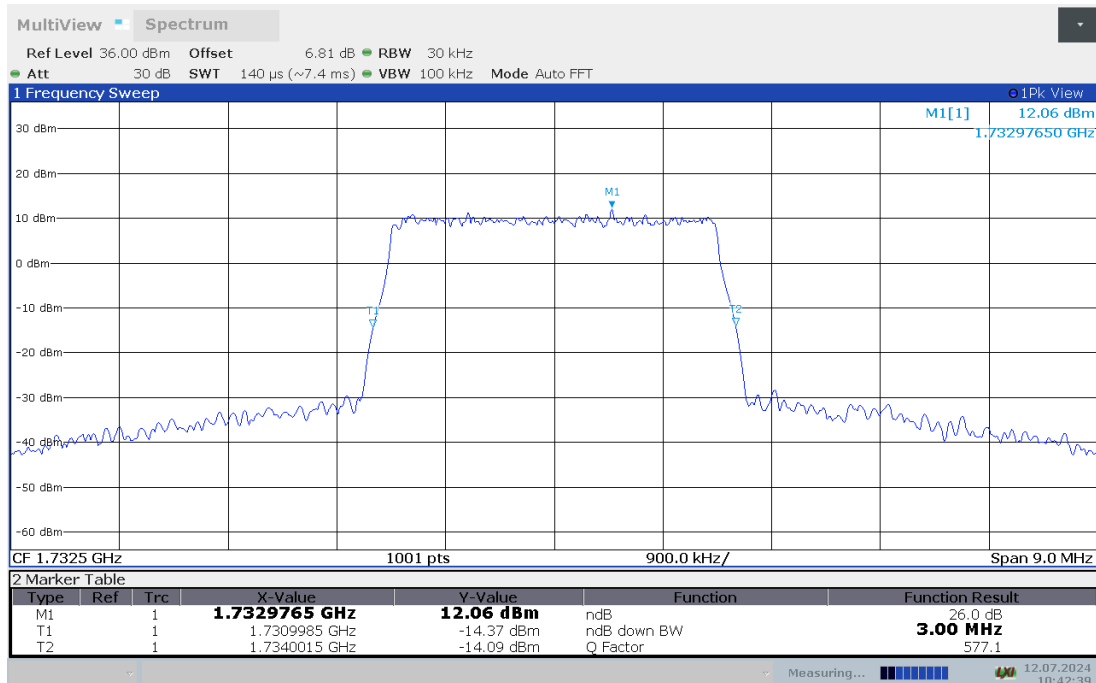
### LTE band 4 , 3MHz Bandwidth,LOW,16QAM (-26dBc BW)



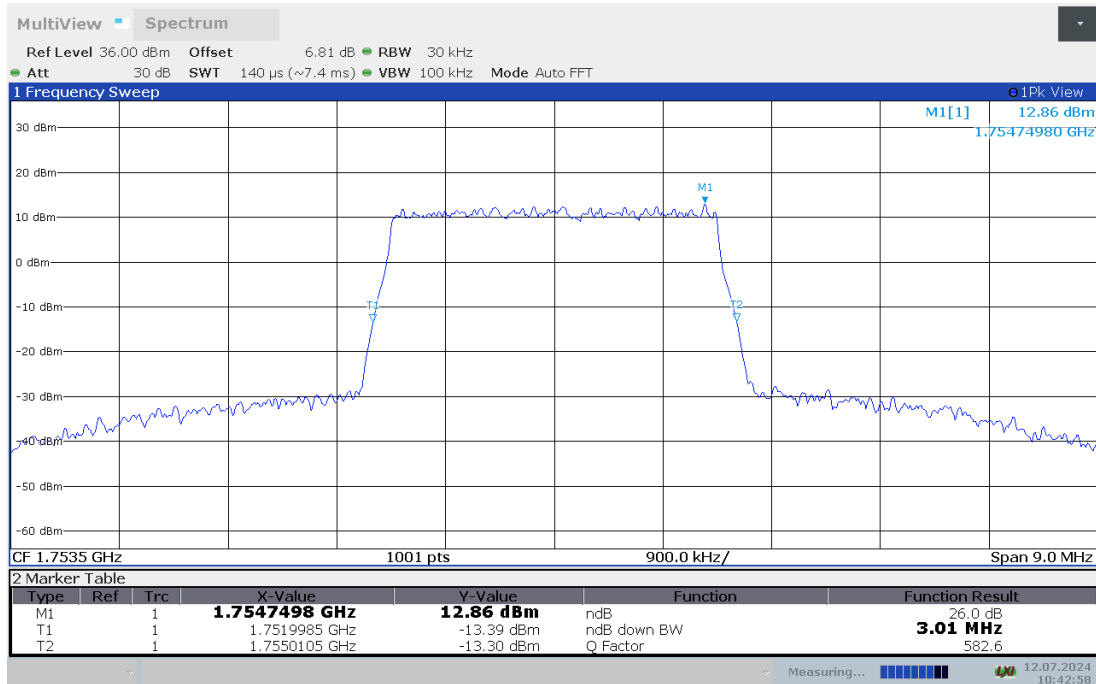
### LTE band 4 , 3MHz Bandwidth,MID,QPSK (-26dBc BW)



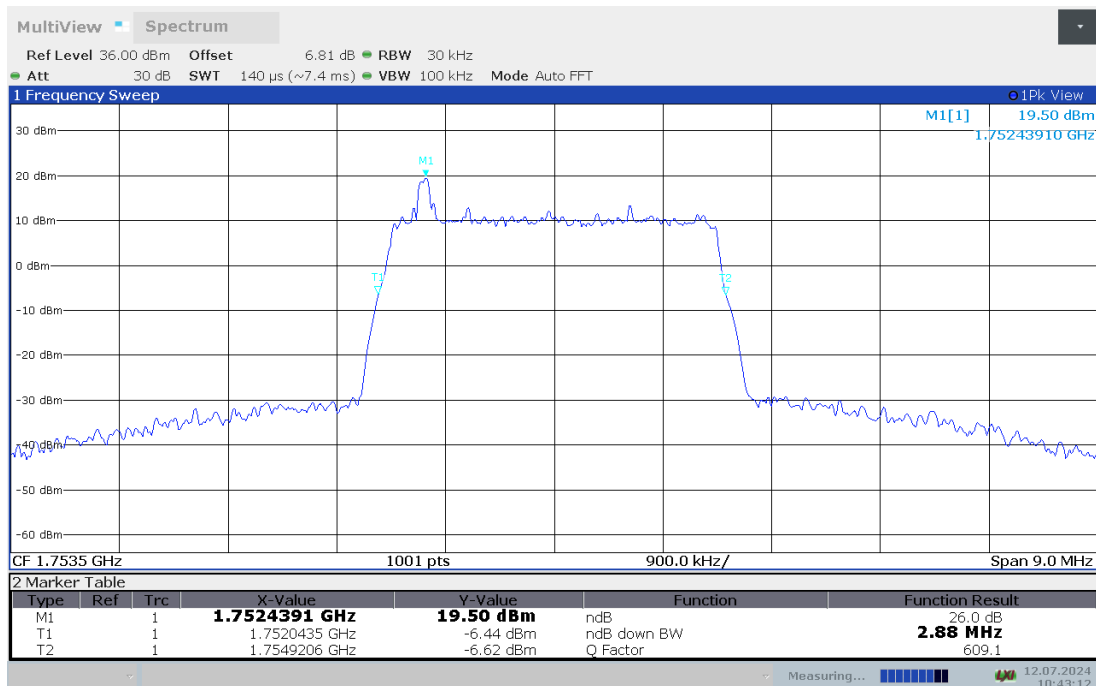
### LTE band 4 , 3MHz Bandwidth,MID,16QAM (-26dBc BW)



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



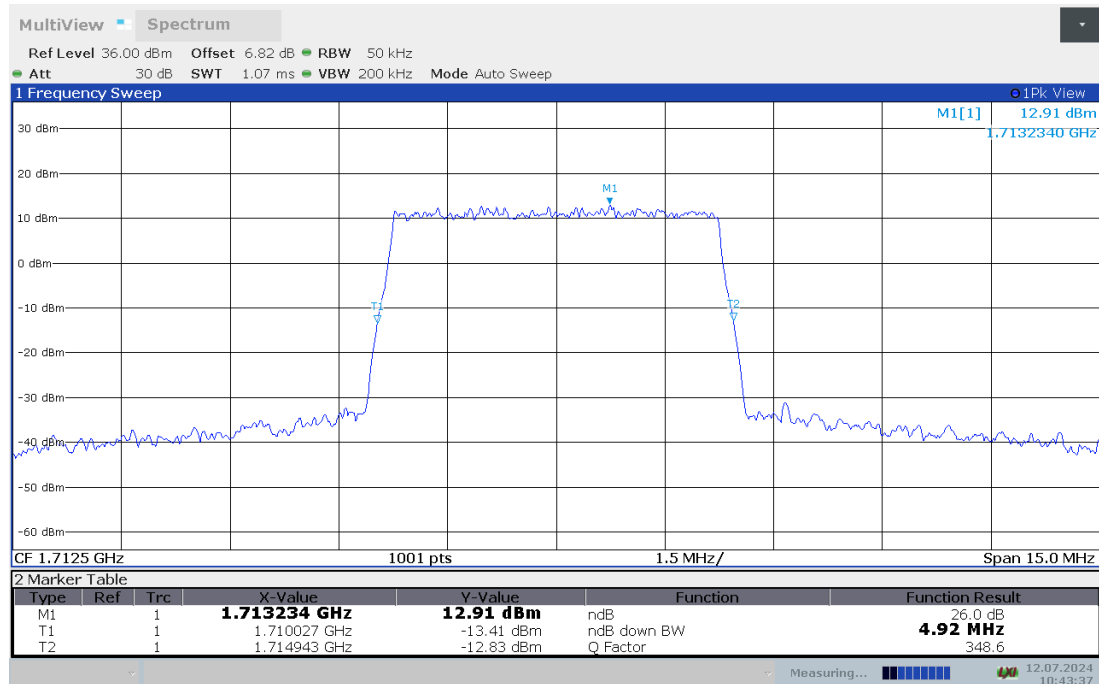
### LTE band 4 , 3MHz Bandwidth,HIGH,16QAM (-26dBc BW)



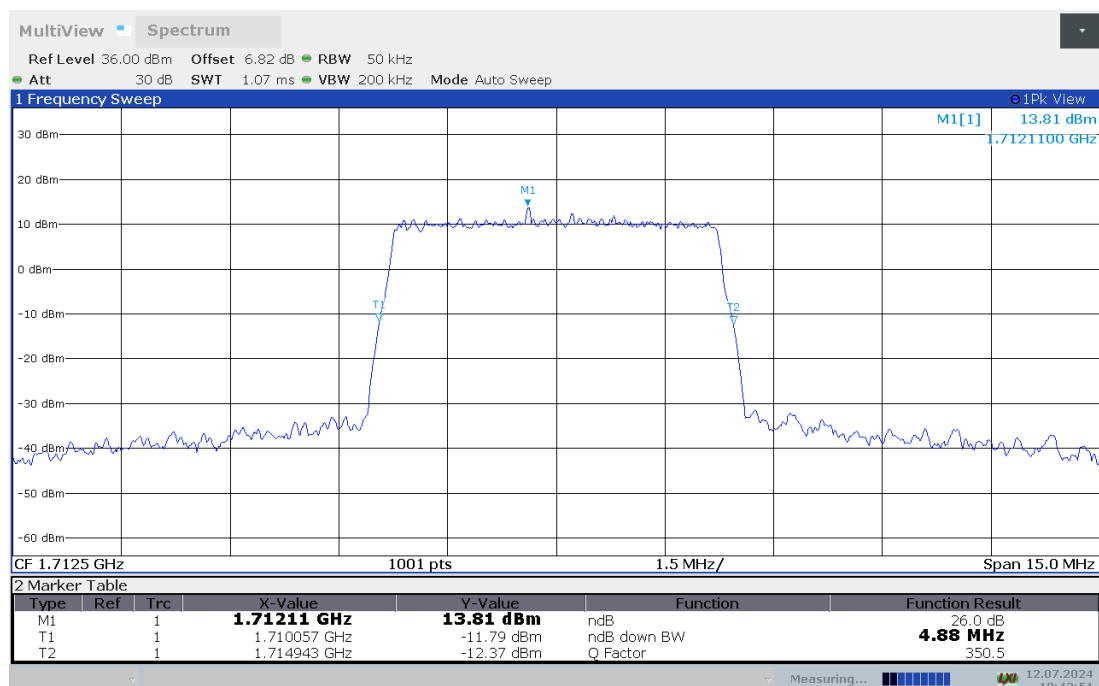
### LTE band 4,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1712.5	4.915	4.885
1732.5	4.930	4.930
1752.5	4.915	4.915

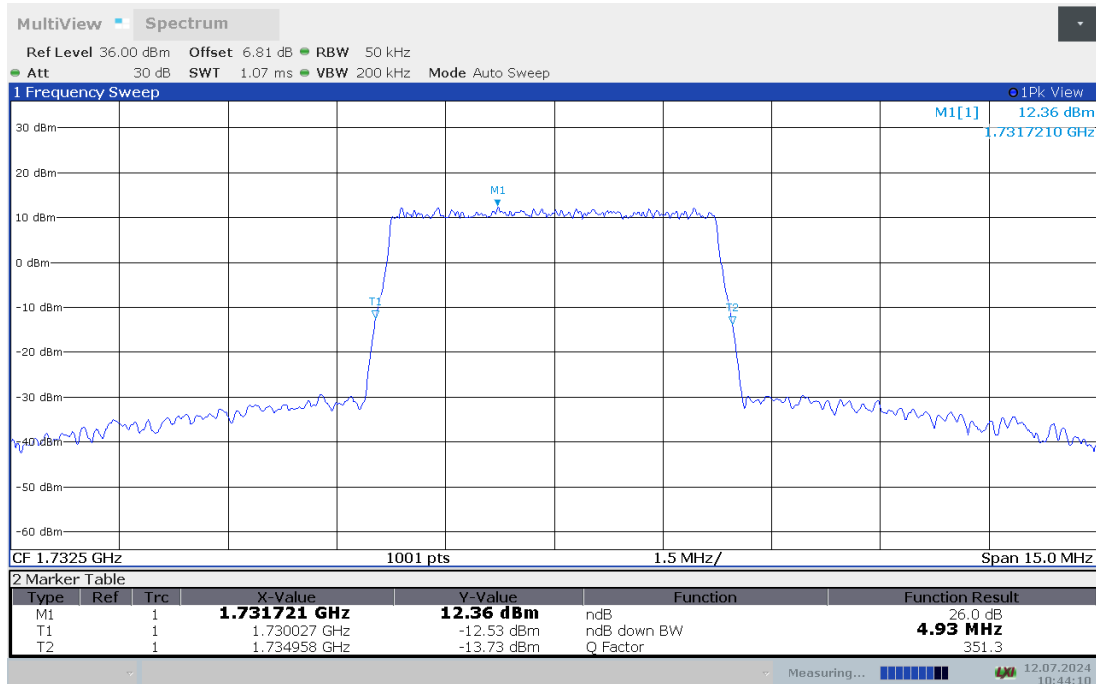
### LTE band 4 , 5MHz Bandwidth,LOW,QPSK (-26dBc BW)



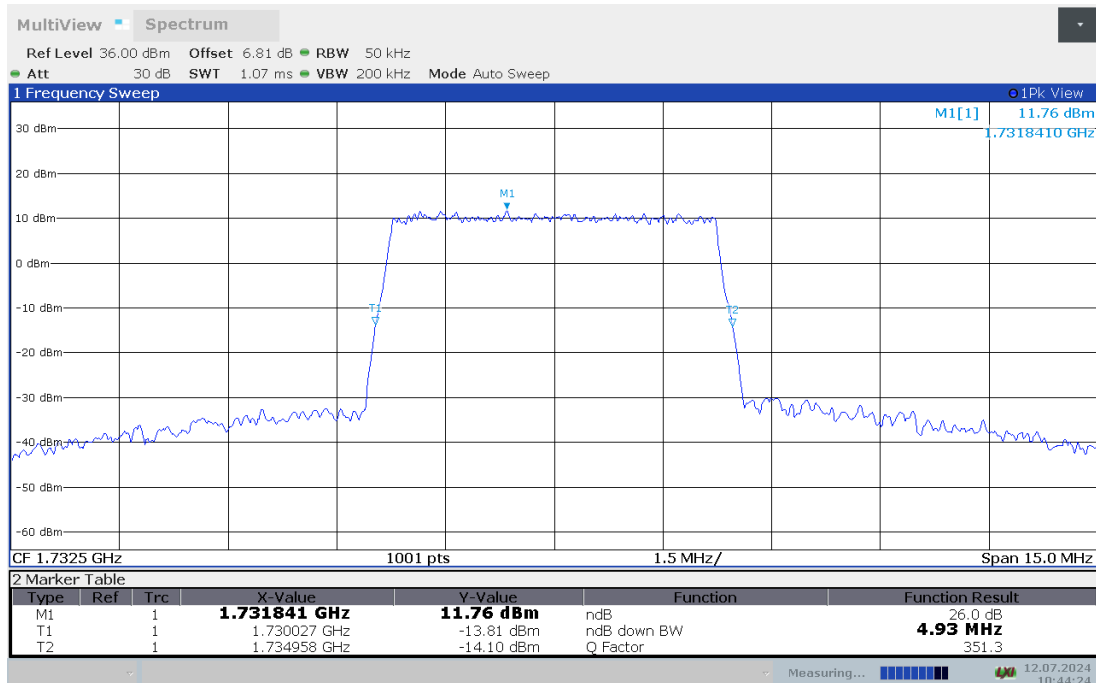
### LTE band 4 , 5MHz Bandwidth,LOW,16QAM (-26dBc BW)



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

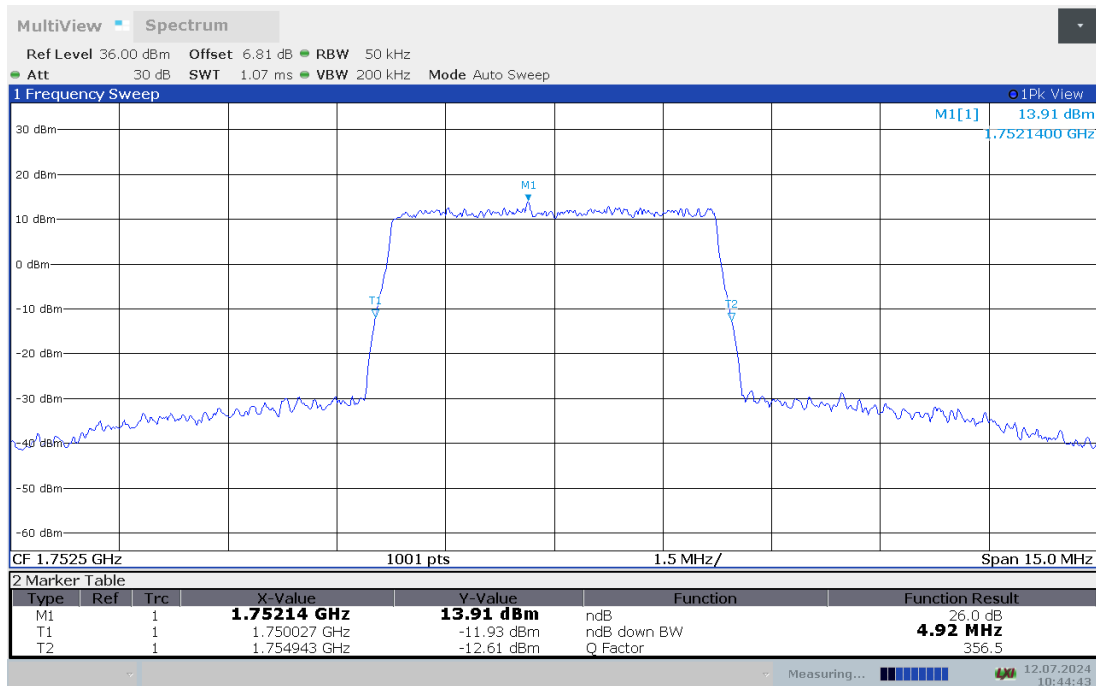


### LTE band 4 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)

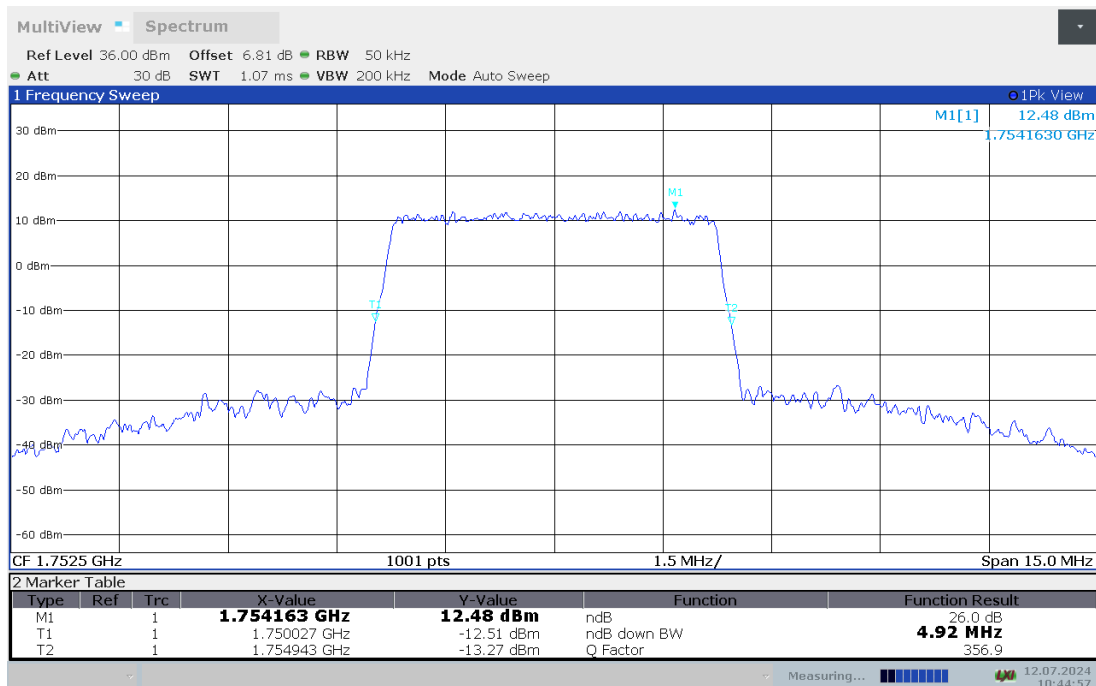




### LTE band 4 , 5MHz Bandwidth,HIGH,QPSK (-26dBc BW)



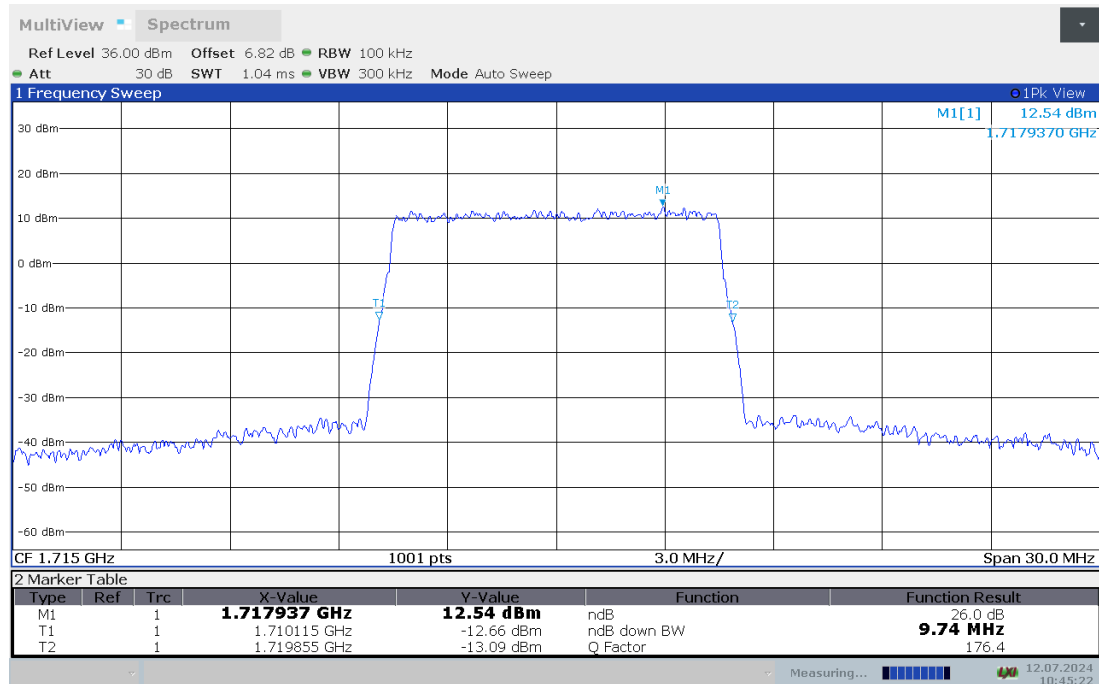
### LTE band 4 , 5MHz Bandwidth,HIGH,16QAM (-26dBc BW)



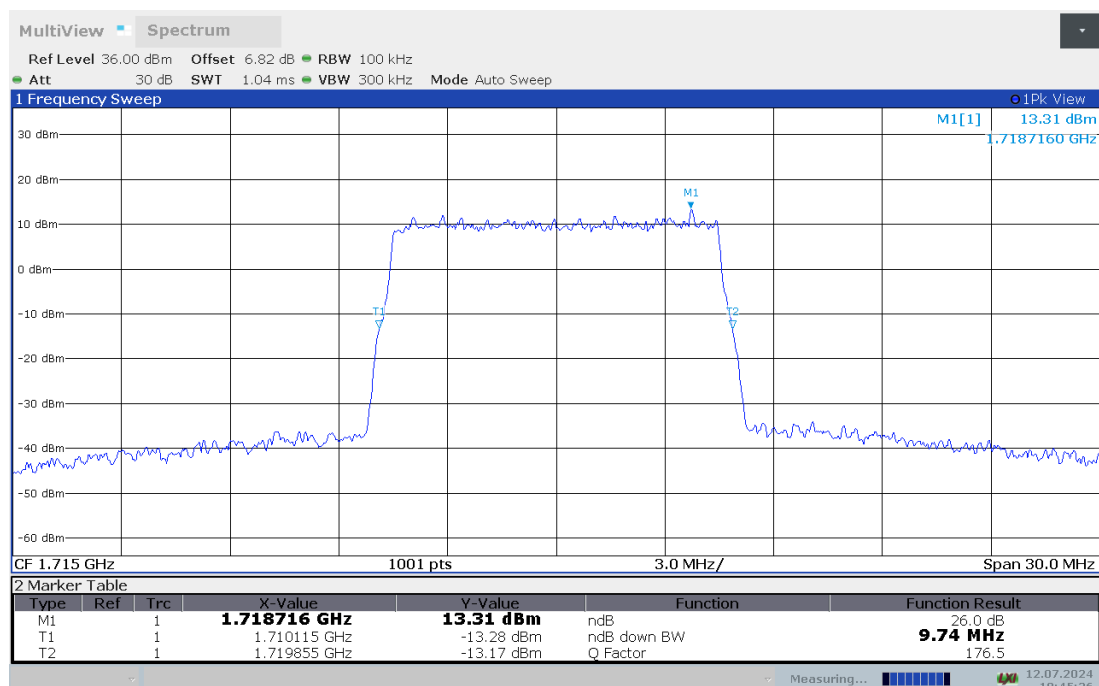
### LTE band 4,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1715	9.740	9.740
1732.5	9.710	9.710
1750	9.770	9.770

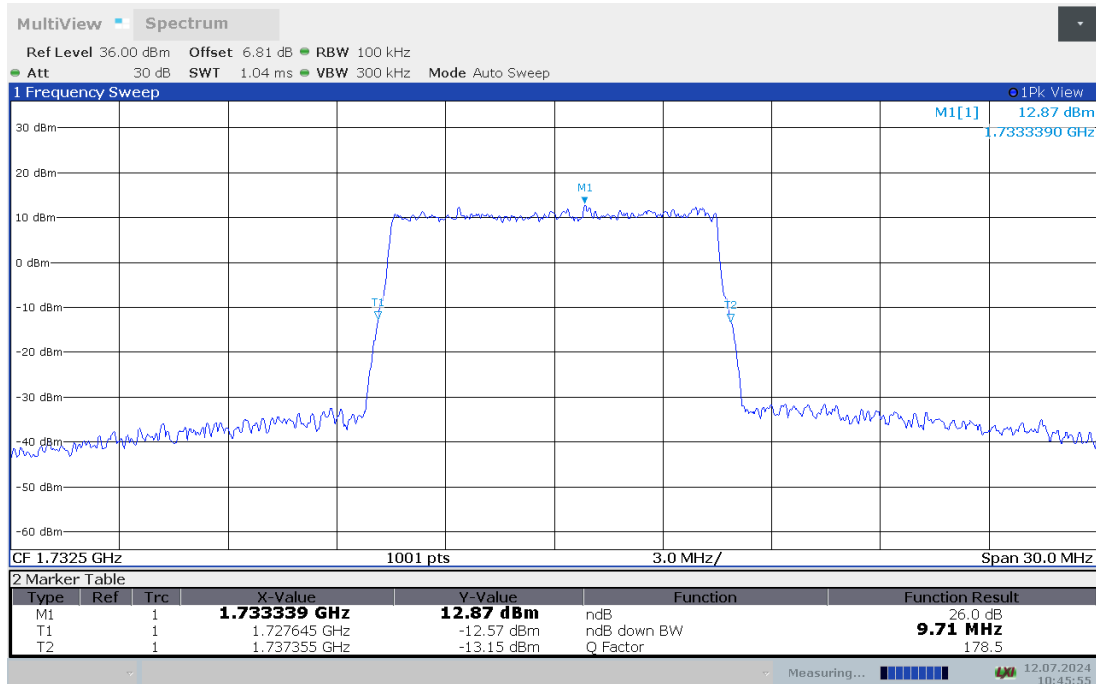
### LTE band 4 , 10MHz Bandwidth,LOW,QPSK (-26dBc BW)



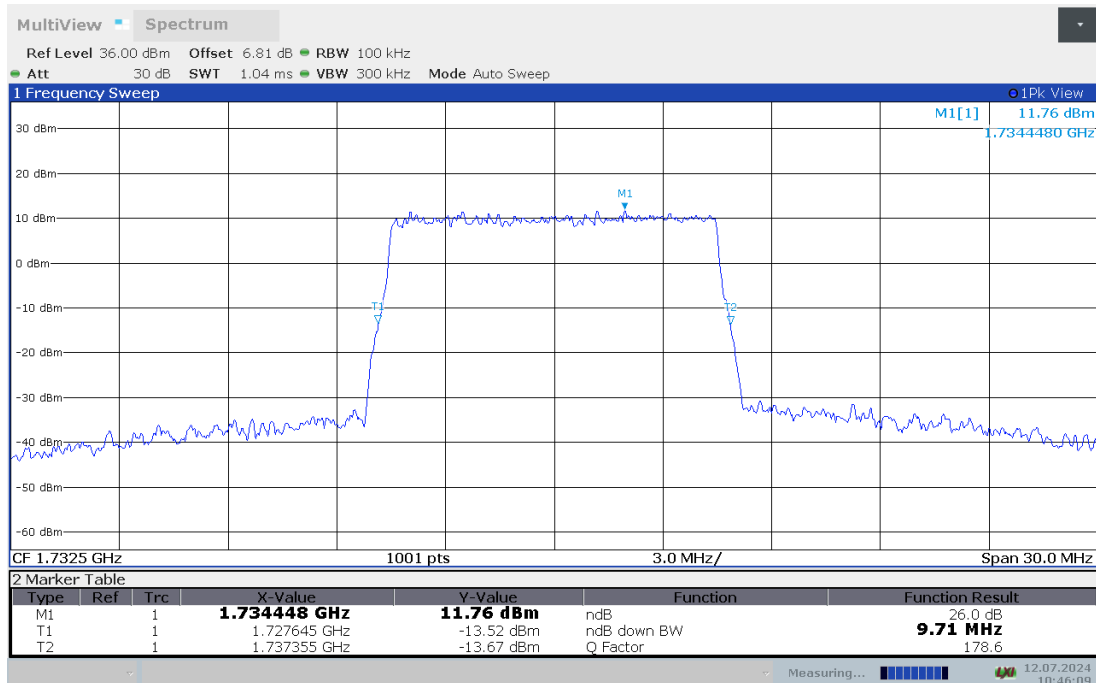
### LTE band 4 , 10MHz Bandwidth,LOW,16QAM (-26dBc BW)



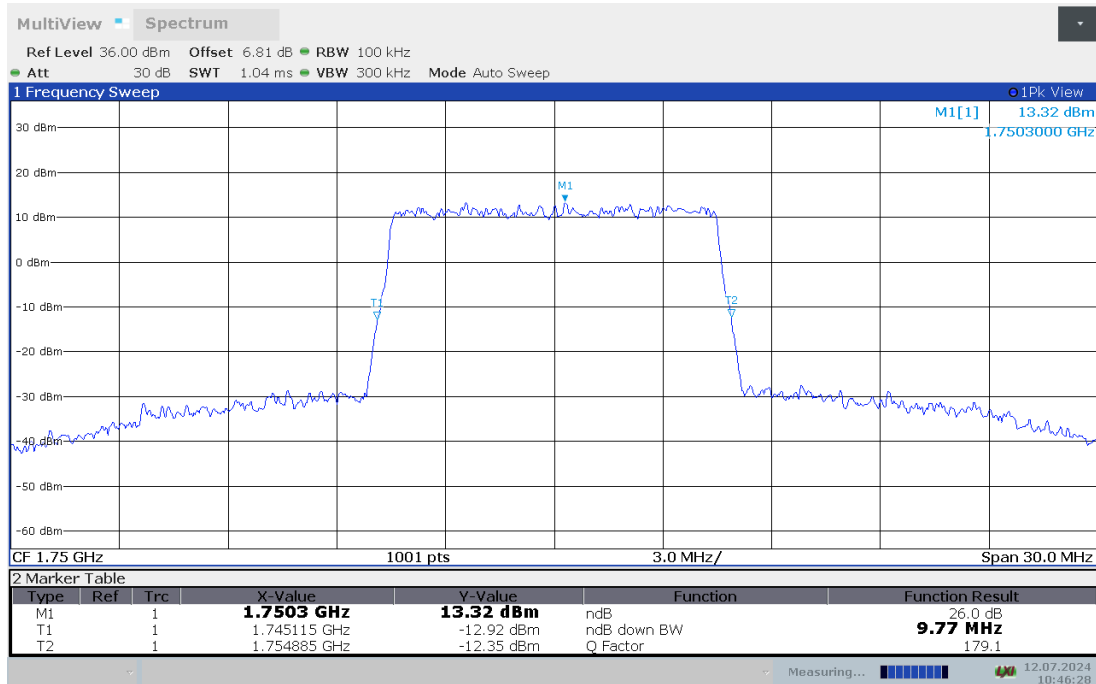
### LTE band 4 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)



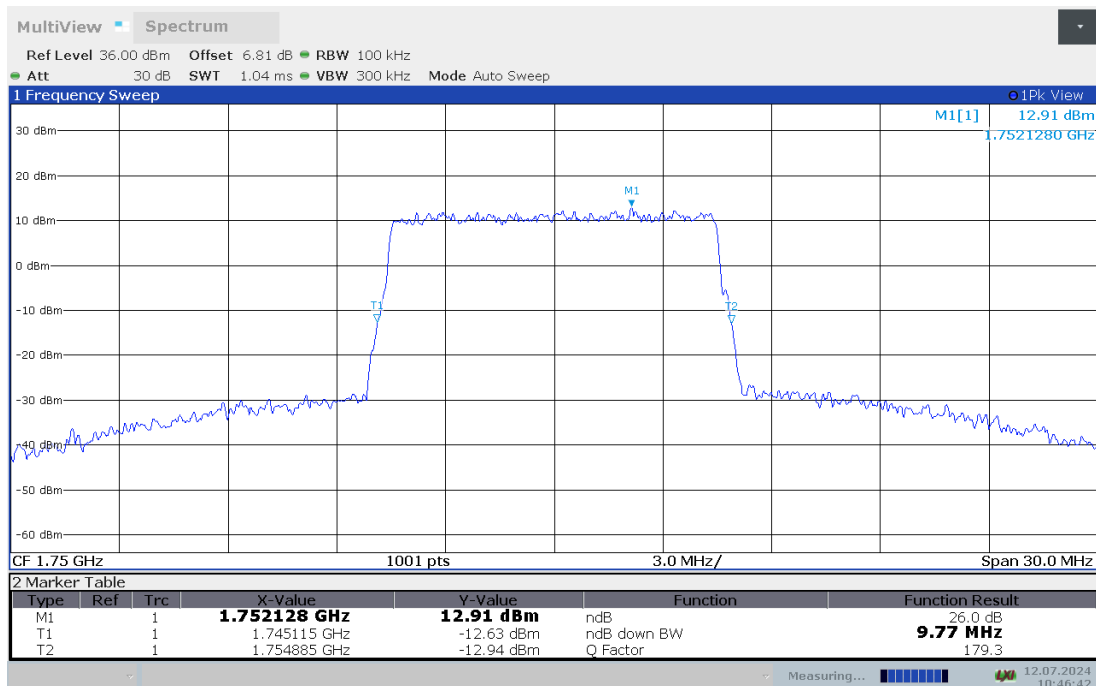
### LTE band 4 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



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



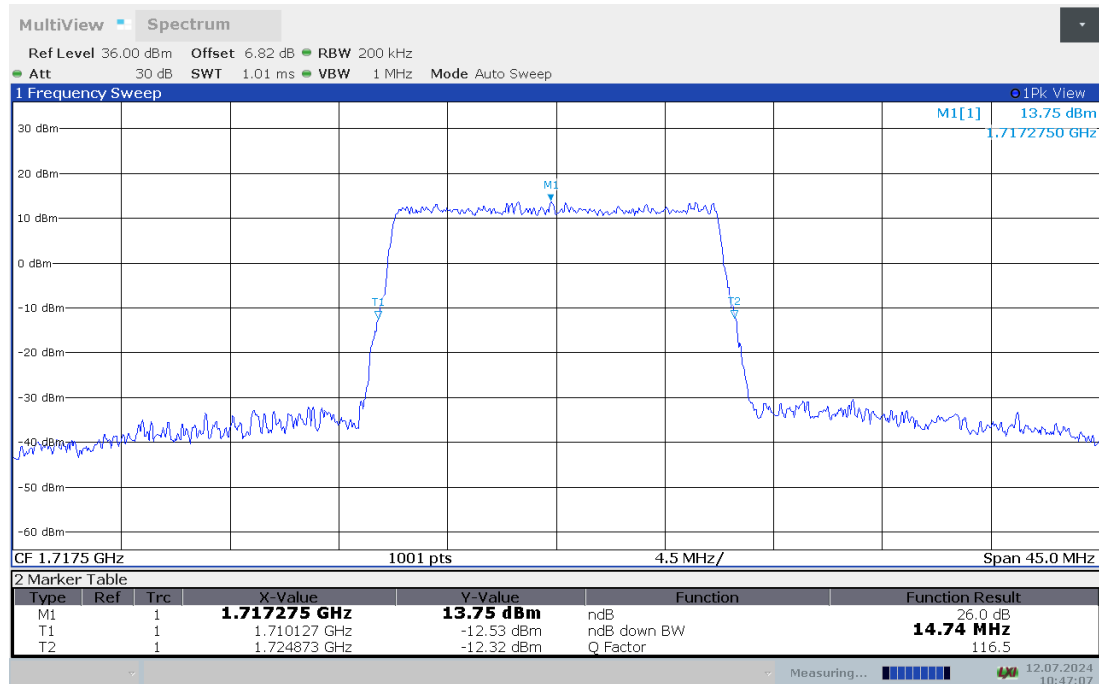
### LTE band 4 , 10MHz Bandwidth,HIGH,16QAM (-26dBc BW)



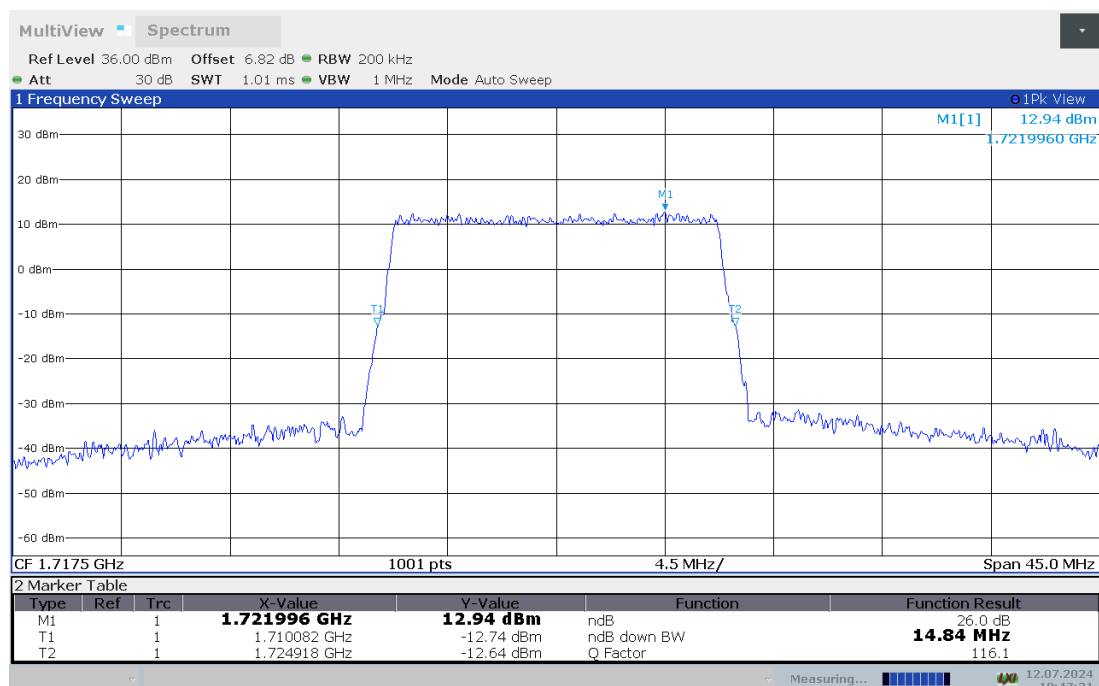
### LTE band 4,15MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1717.5	14.745	14.835
1732.5	14.745	14.880
1747.5	14.700	14.745

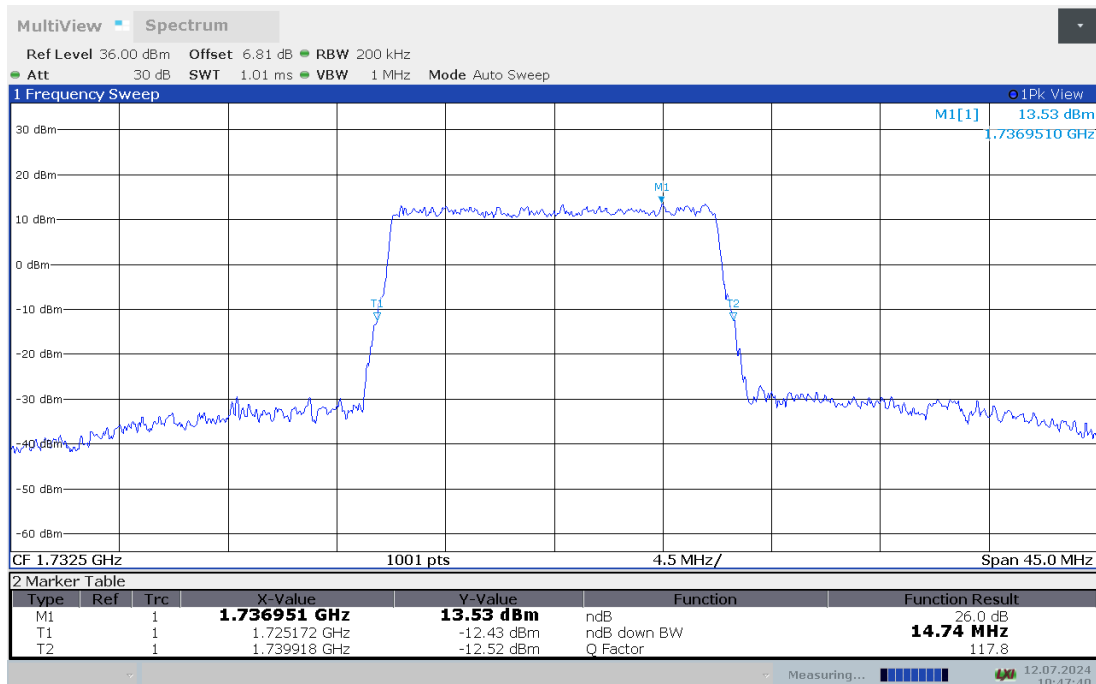
### LTE band 4 , 15MHz Bandwidth,LOW,QPSK (-26dBc BW)



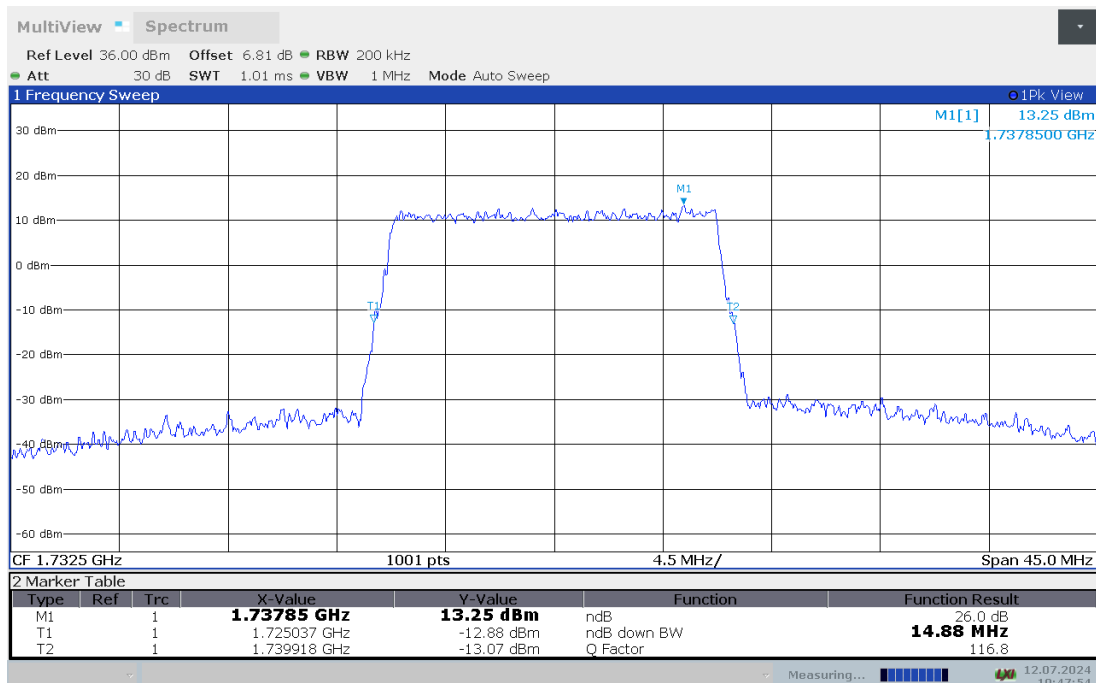
### LTE band 4 , 15MHz Bandwidth,LOW,16QAM (-26dBc BW)



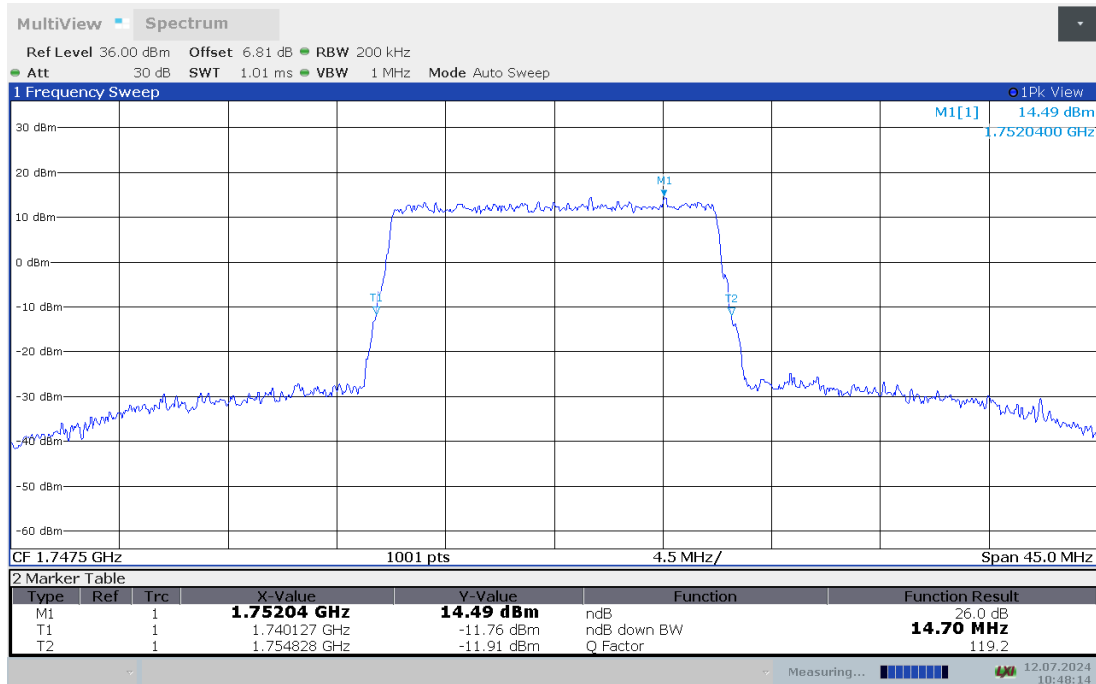
### LTE band 4 , 15MHz Bandwidth,MID,QPSK (-26dBc BW)



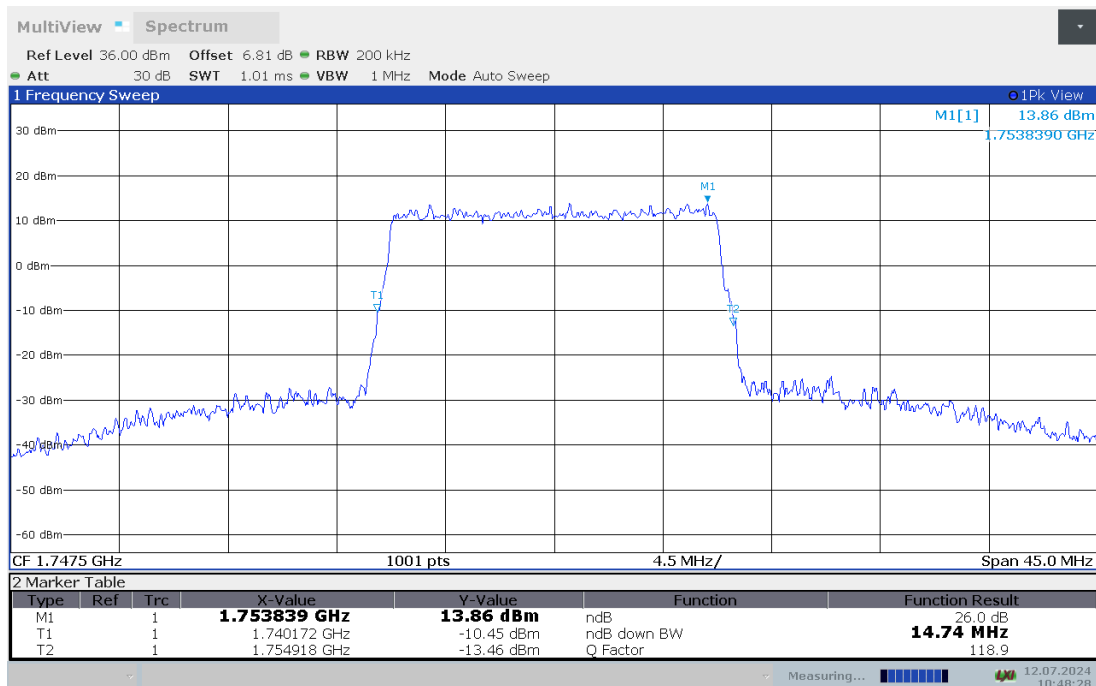
### LTE band 4 , 15MHz Bandwidth,MID,16QAM (-26dBc BW)



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



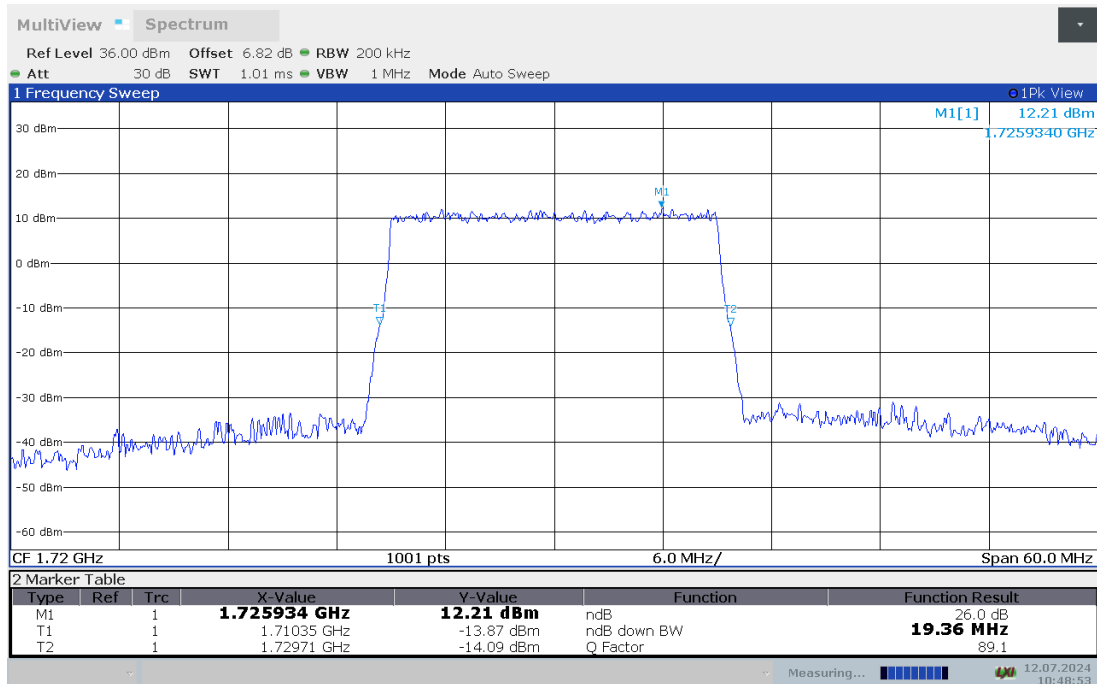
### LTE band 4 , 15MHz Bandwidth,HIGH,16QAM (-26dBc BW)



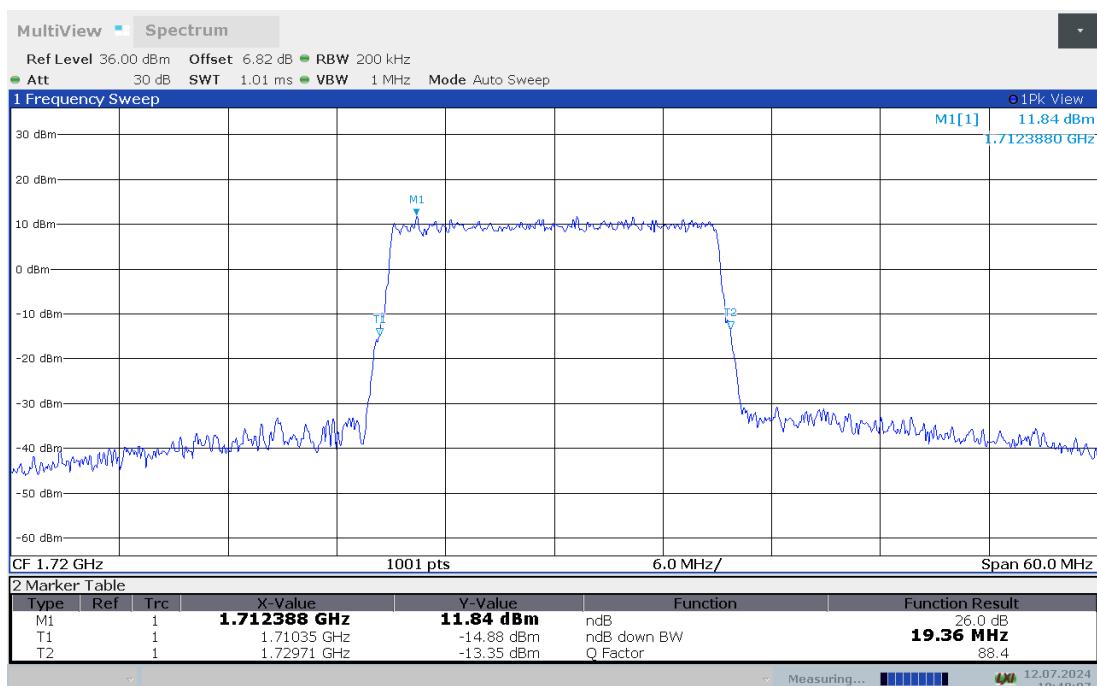
### LTE band 4,20MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1720	19.361	19.361
1732.5	19.241	19.361
1745	19.600	19.481

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

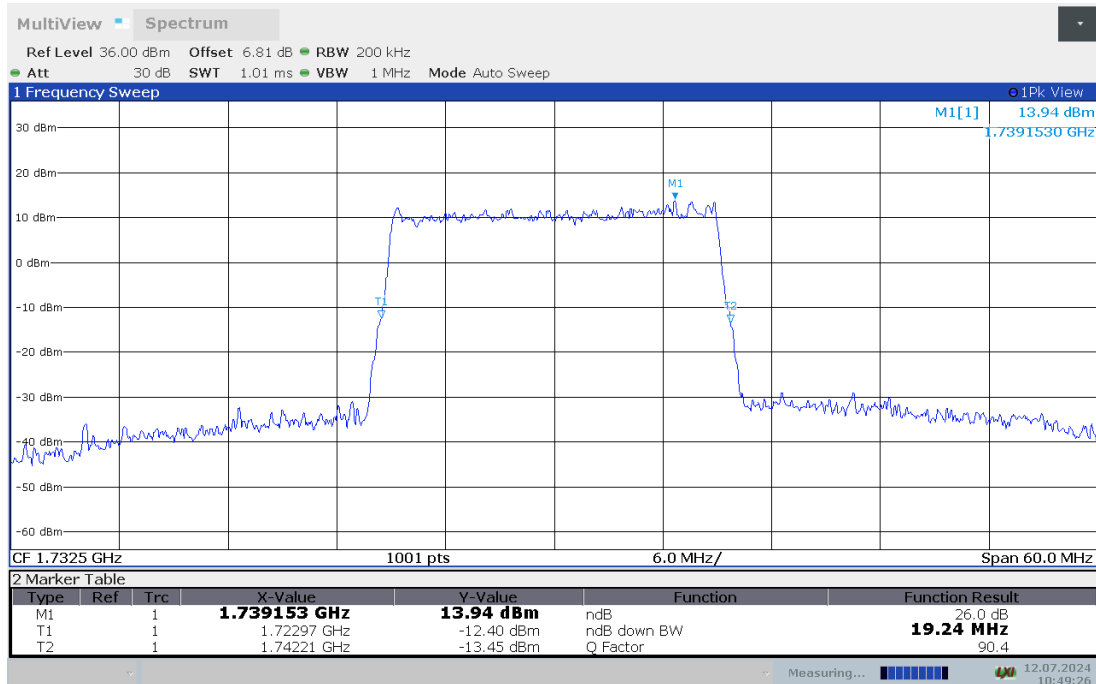


### LTE band 4 , 20MHz Bandwidth,LOW,16QAM (-26dBc BW)

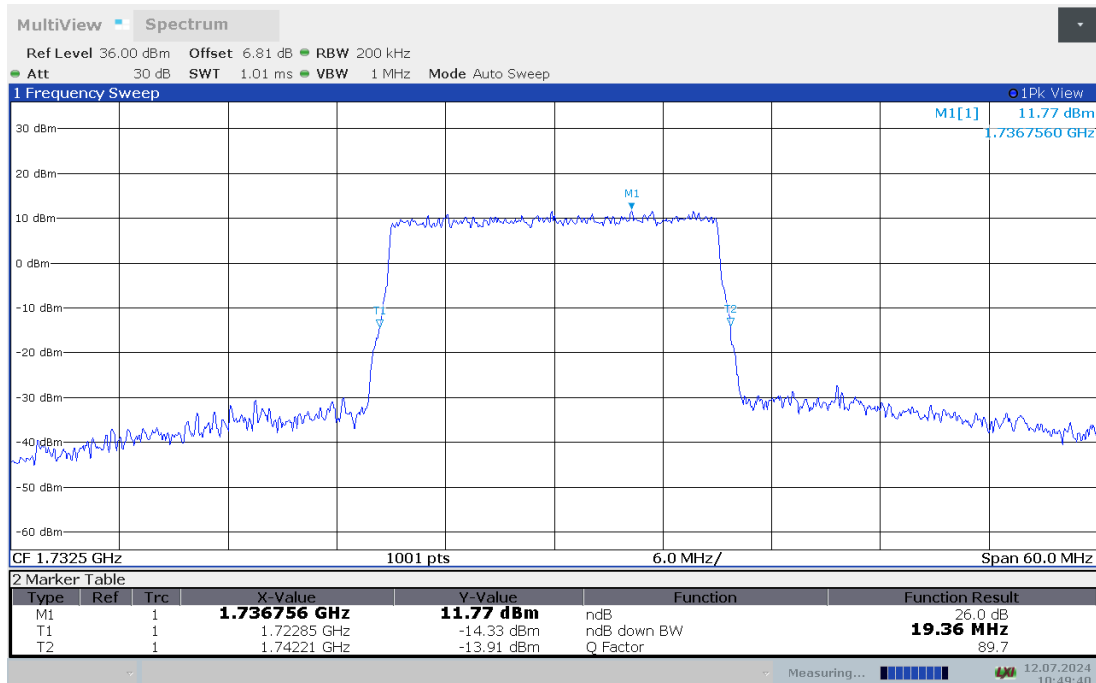




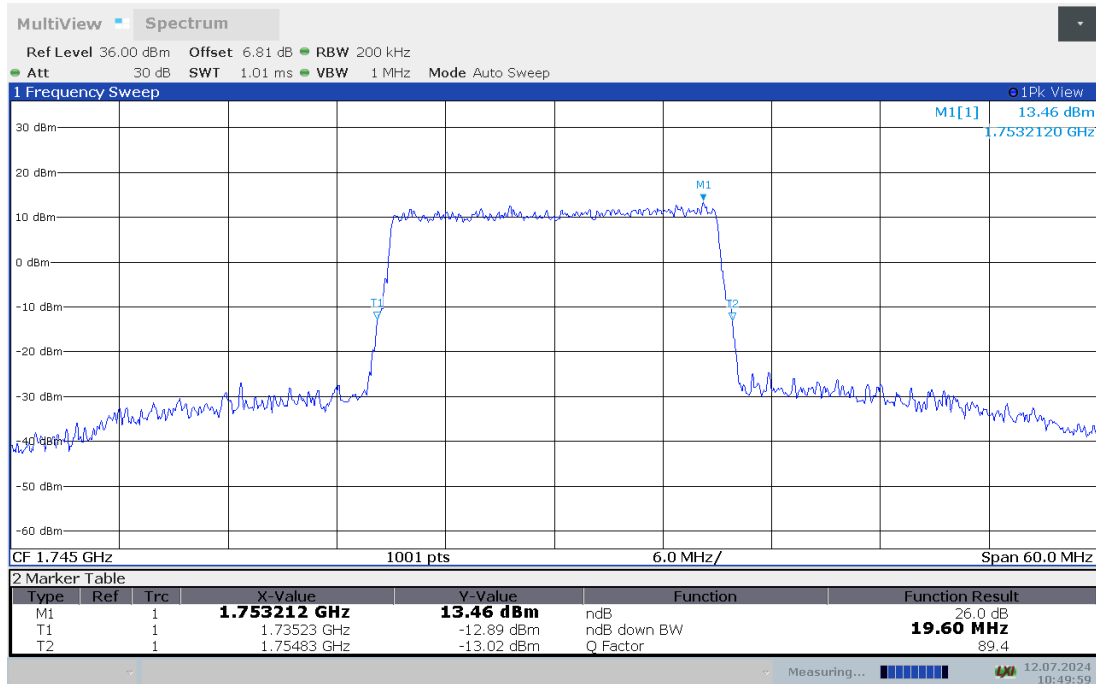
### LTE band 4 , 20MHz Bandwidth,MID,QPSK (-26dBc BW)



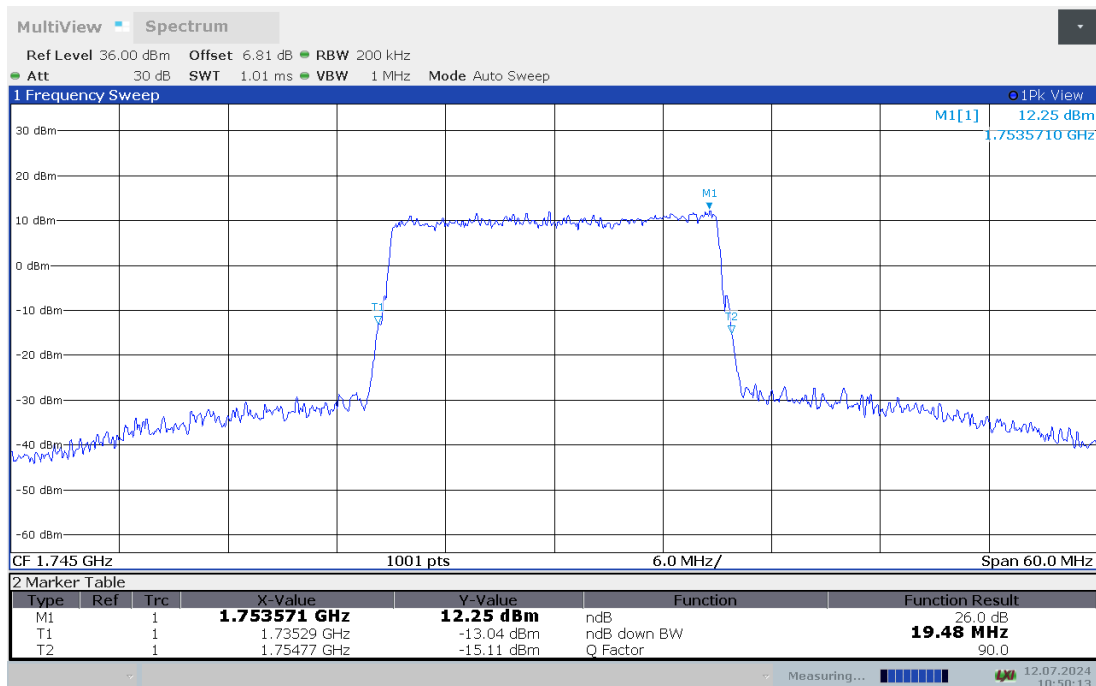
### LTE band 4 , 20MHz Bandwidth,MID,16QAM (-26dBc BW)



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



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



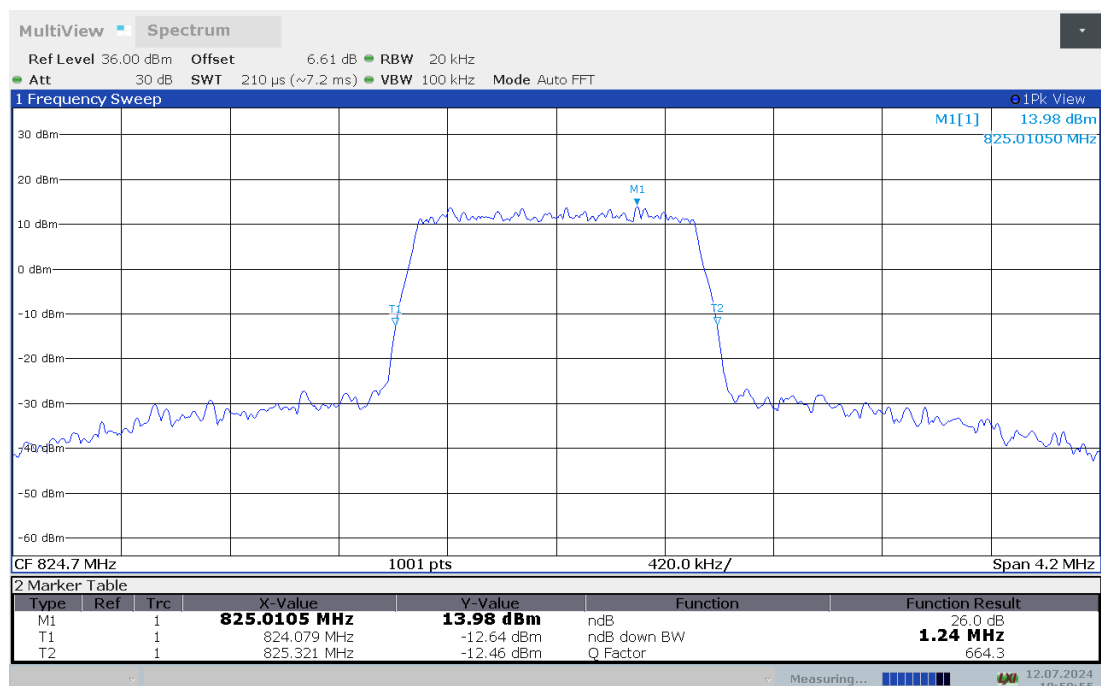
### LTE band 5,1.4MHz(-26dBc)

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

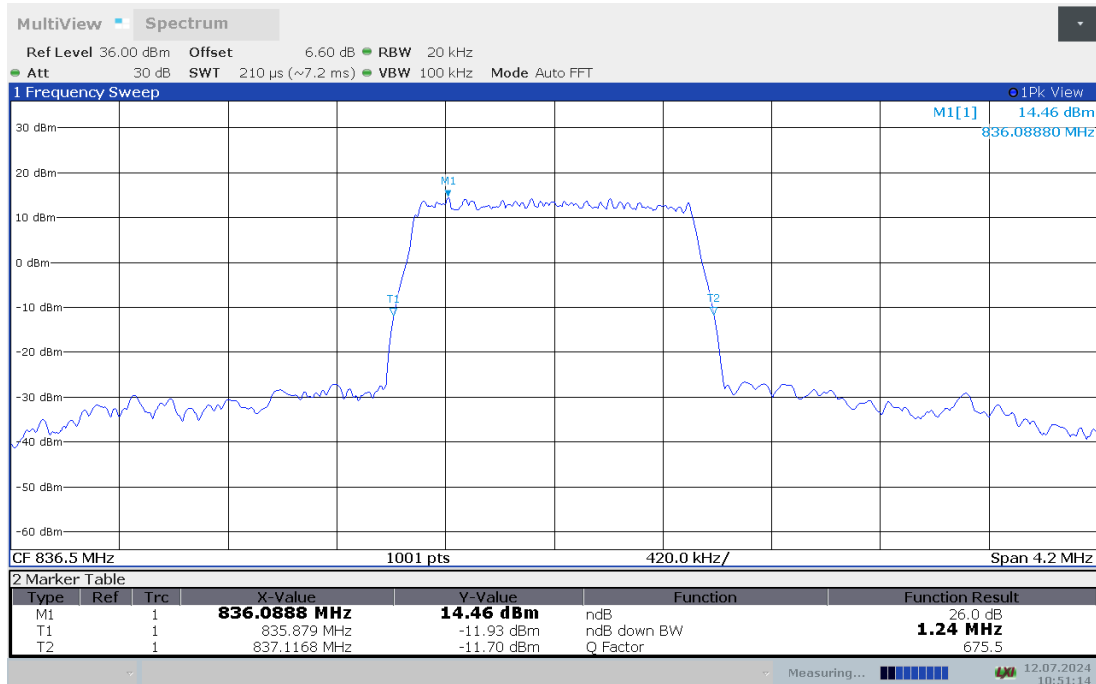
### LTE band 5 , 1.4MHz Bandwidth,LOW,QPSK (-26dBc BW)



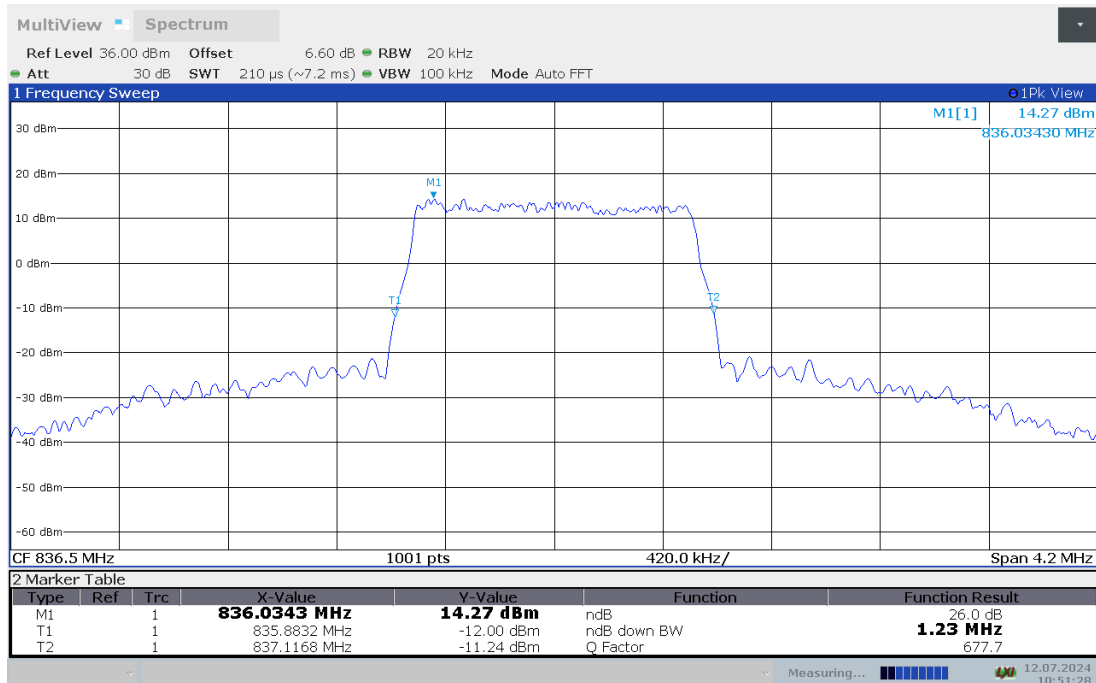
### LTE band 5 , 1.4MHz Bandwidth,LOW,16QAM (-26dBc BW)



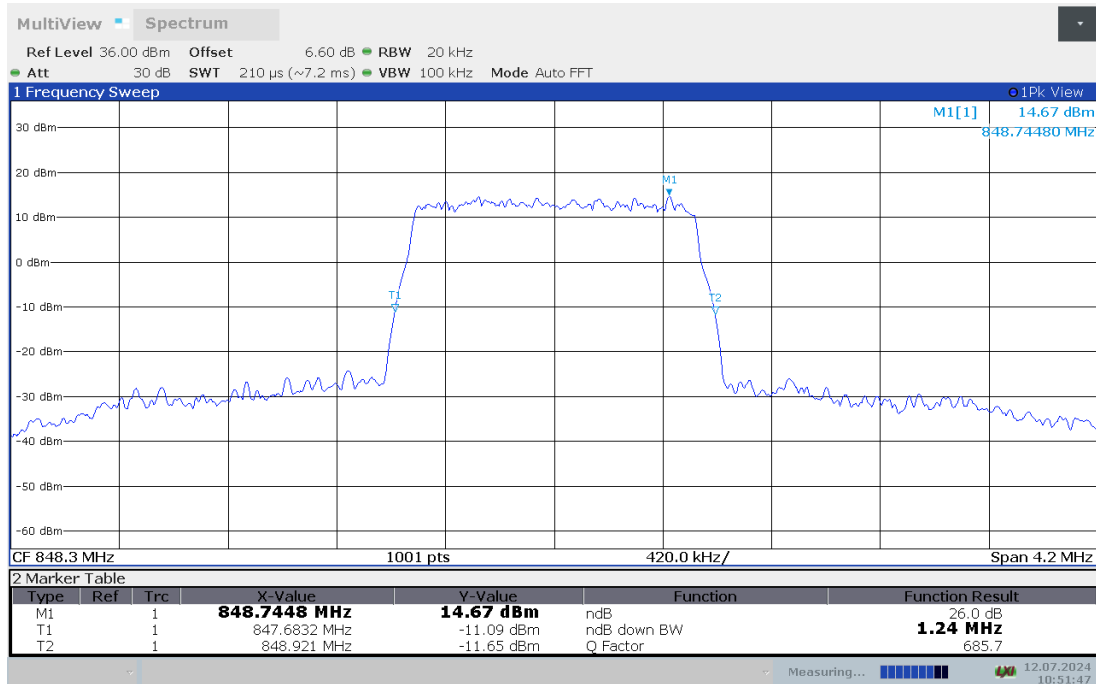
### LTE band 5 , 1.4MHz Bandwidth,MID,QPSK (-26dBc BW)



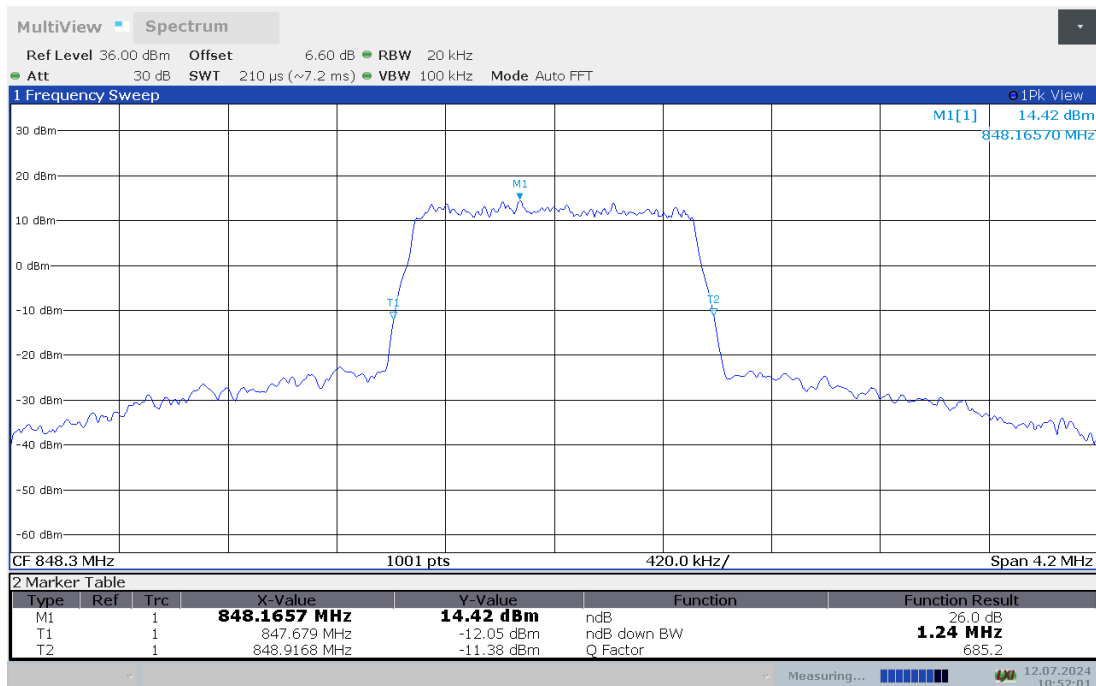
### LTE band 5 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)



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



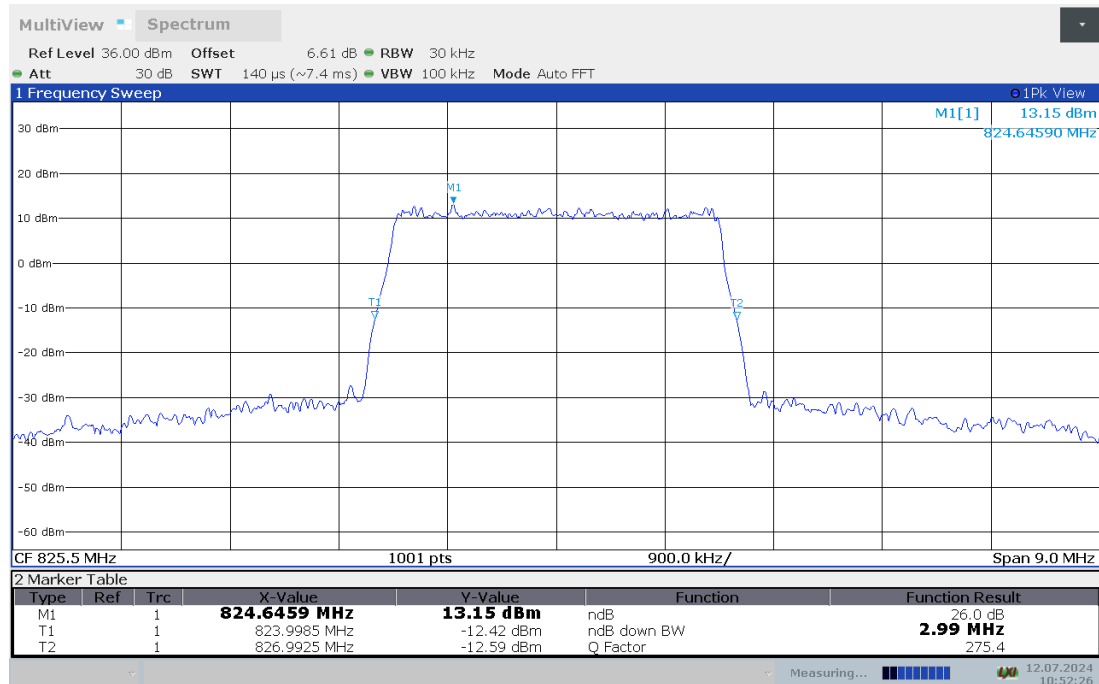
### LTE band 5 , 1.4MHz Bandwidth,HIGH,16QAM (-26dBc BW)



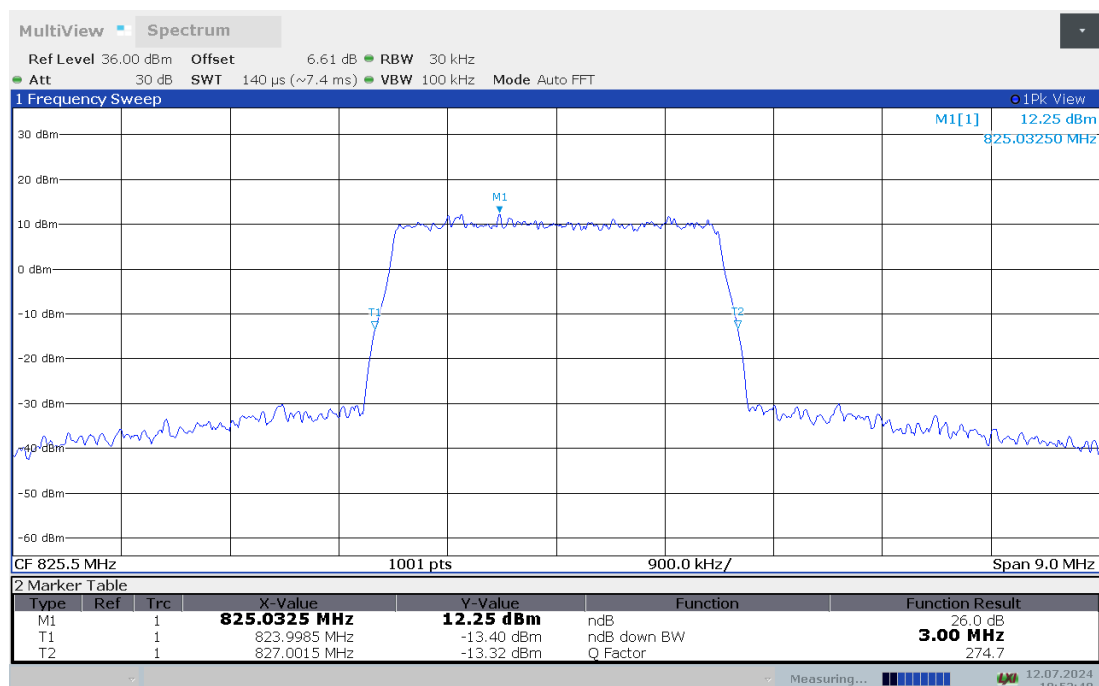
### LTE band 5,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
825.5	2.994	3.003
836.5	3.003	3.003
847.5	2.994	3.021

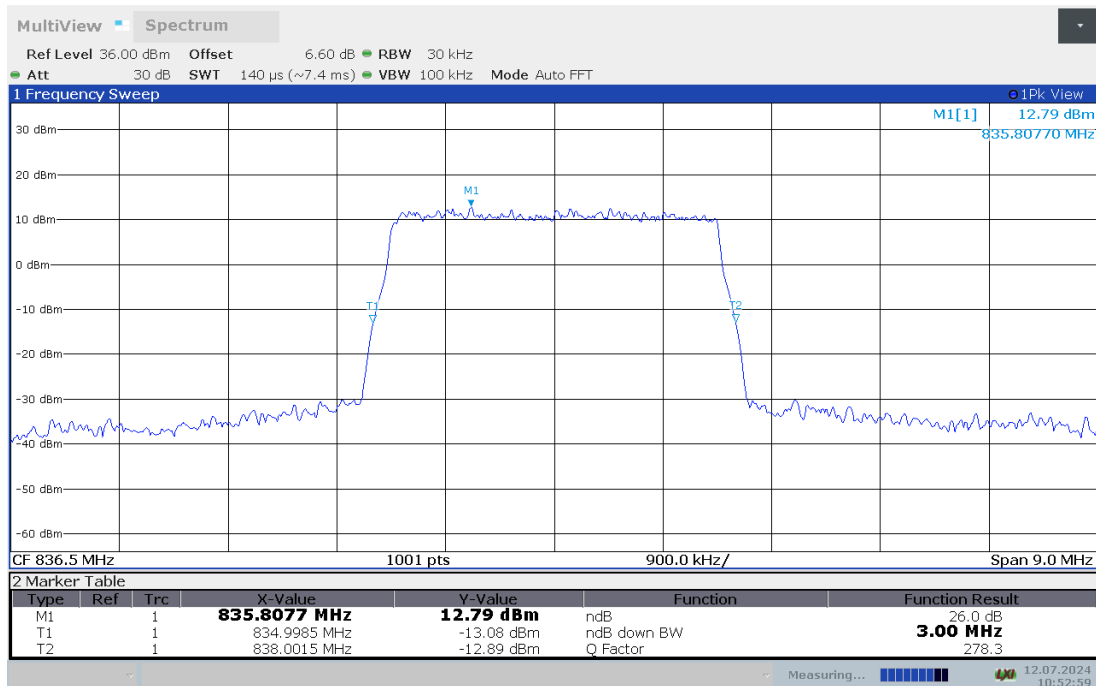
### LTE band 5 , 3MHz Bandwidth,LOW,QPSK (-26dBc BW)



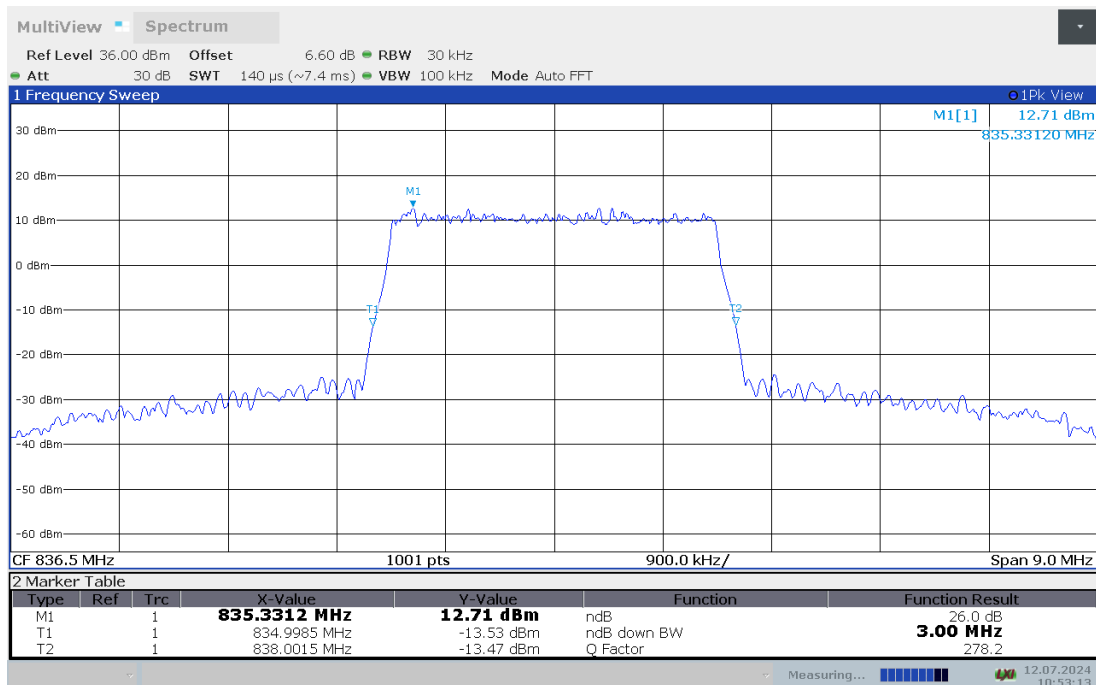
### LTE band 5 , 3MHz Bandwidth,LOW,16QAM (-26dBc BW)



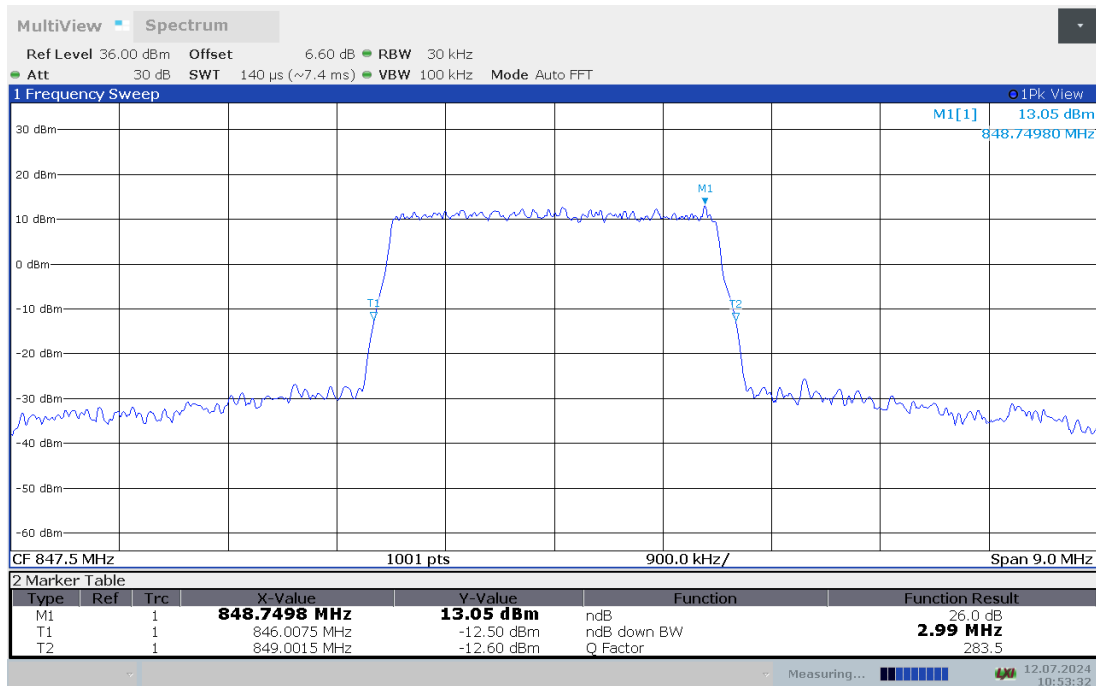
### LTE band 5 , 3MHz Bandwidth,MID,QPSK (-26dBc BW)



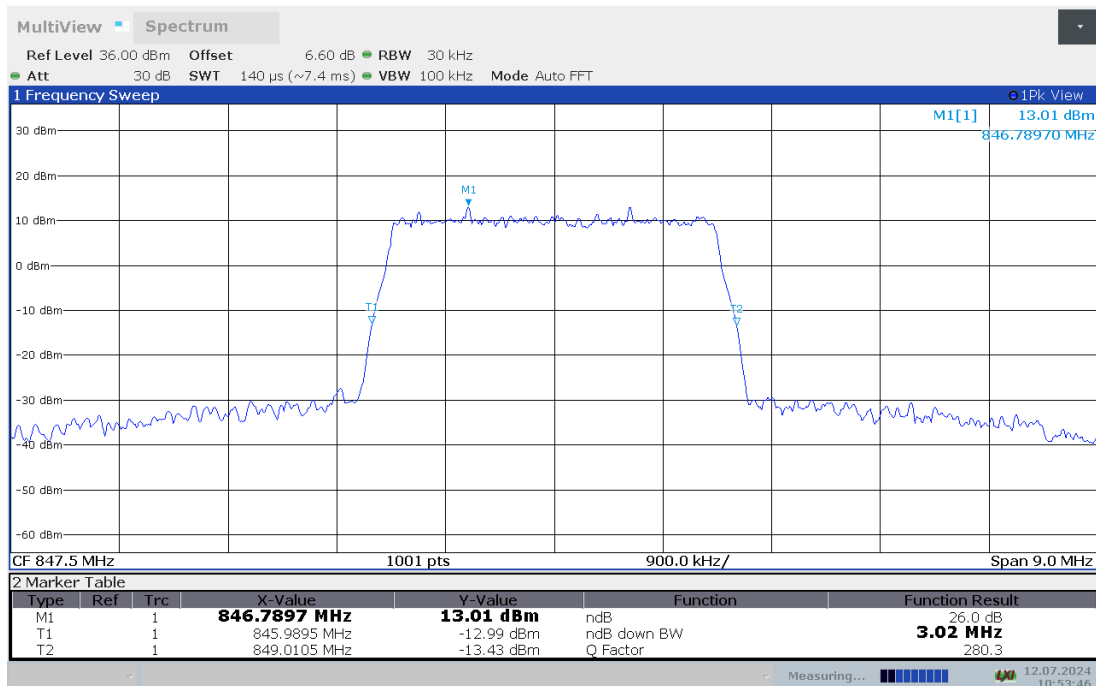
### LTE band 5 , 3MHz Bandwidth,MID,16QAM (-26dBc BW)



### LTE band 5 , 3MHz Bandwidth,HIGH,QPSK (-26dBc BW)



### LTE band 5 , 3MHz Bandwidth,HIGH,16QAM (-26dBc BW)

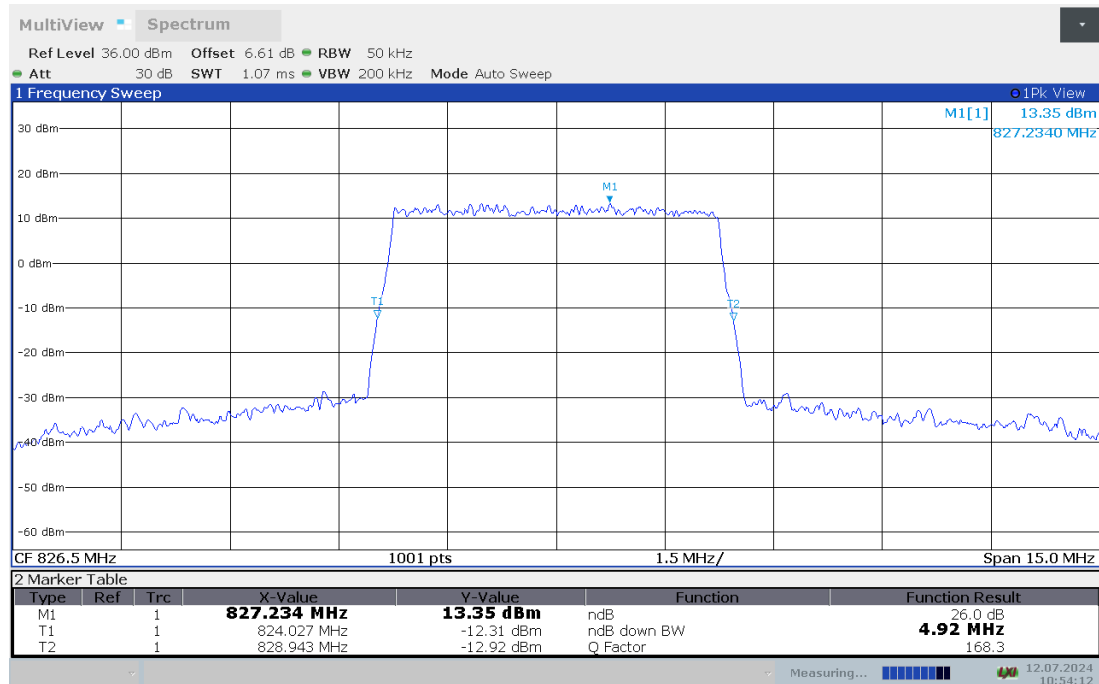




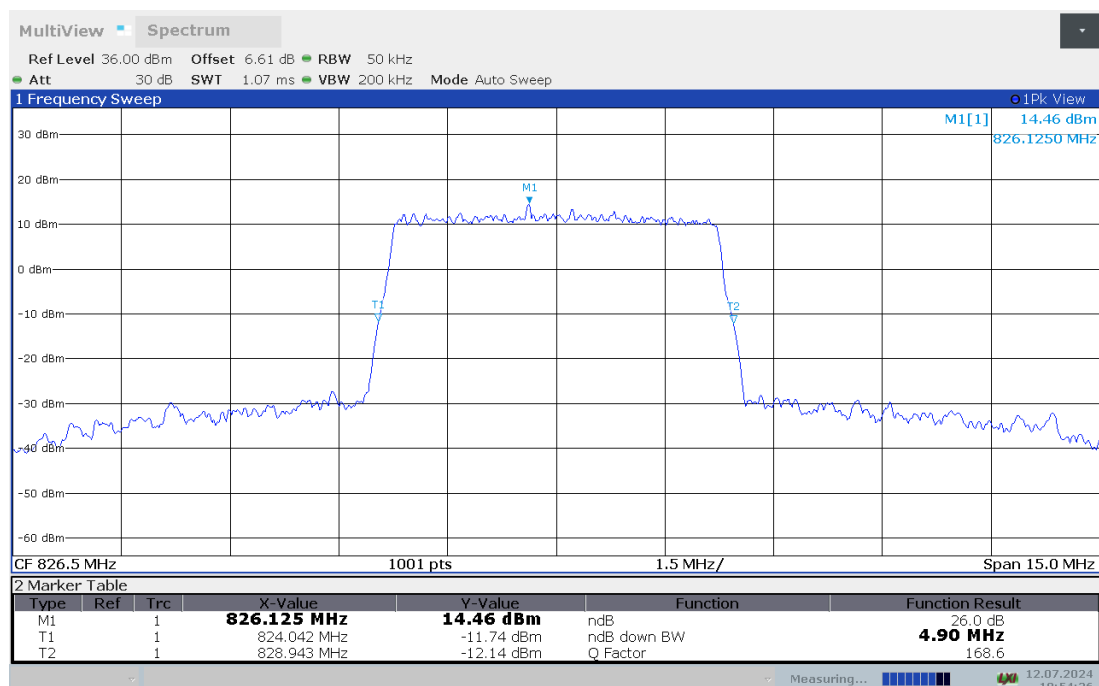
### LTE band 5,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
826.5	4.915	4.900
836.5	4.930	4.930
846.5	4.915	4.930

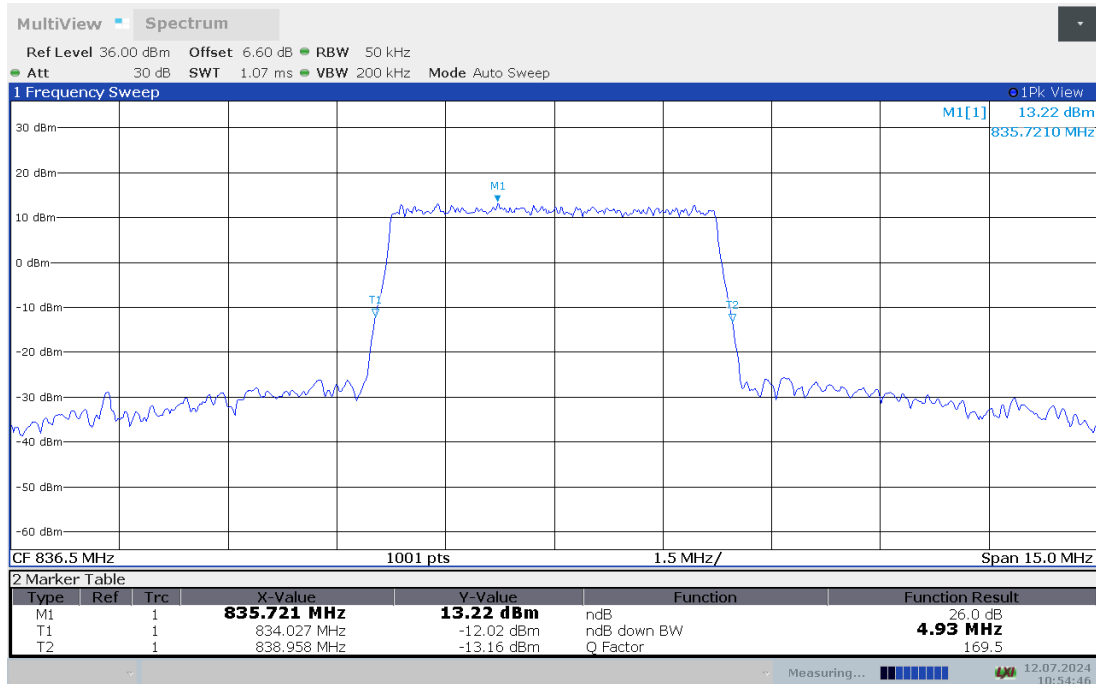
### LTE band 5 , 5MHz Bandwidth,LOW,QPSK (-26dBc BW)



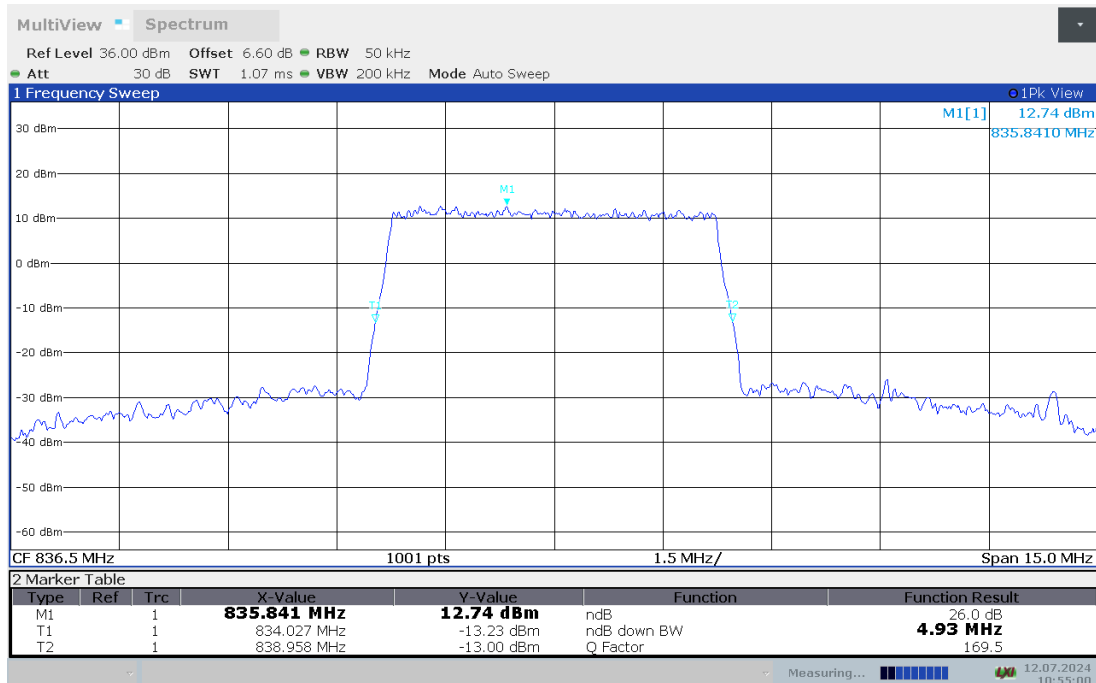
### LTE band 5 , 5MHz Bandwidth,LOW,16QAM (-26dBc BW)



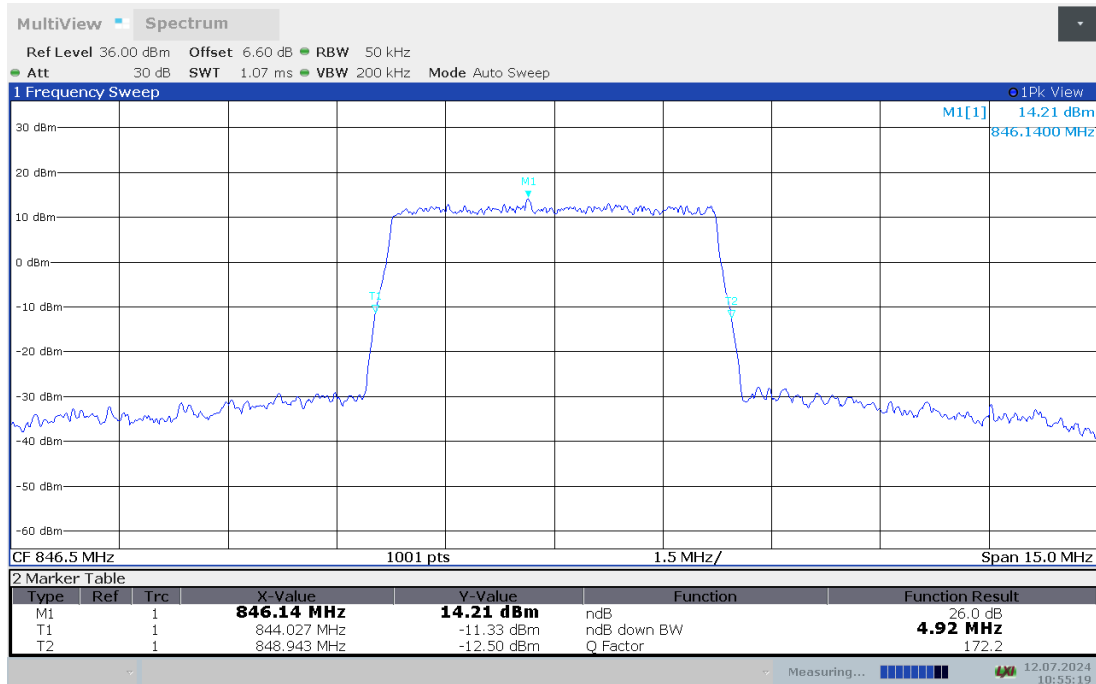
### LTE band 5 , 5MHz Bandwidth,MID,QPSK (-26dBc BW)



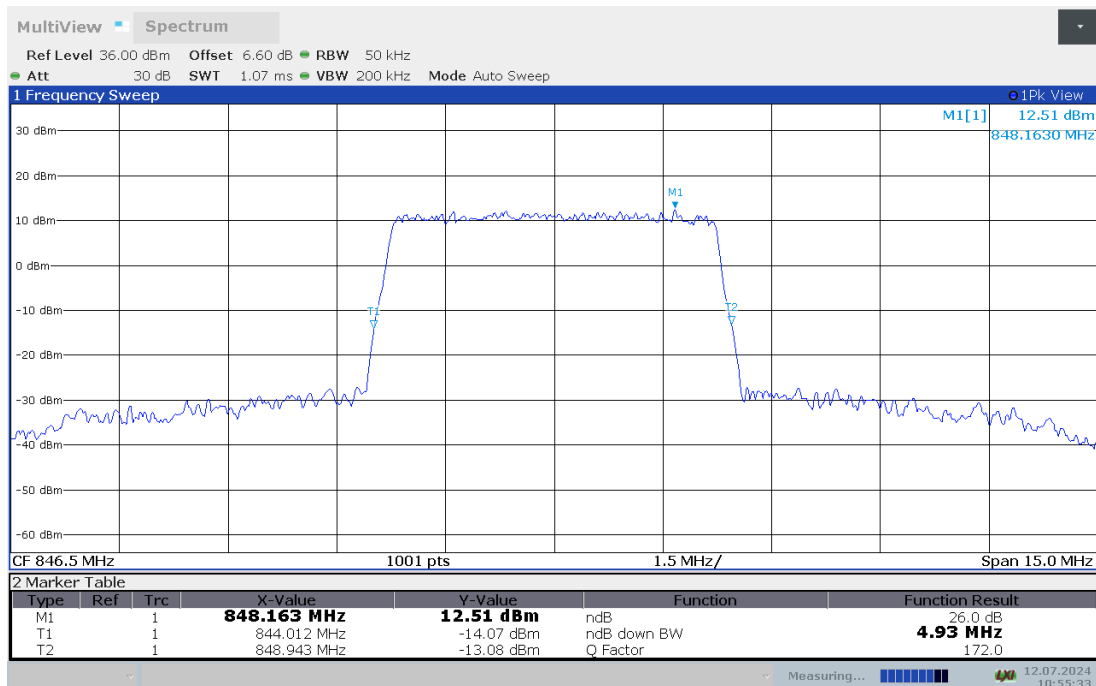
### LTE band 5 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)



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



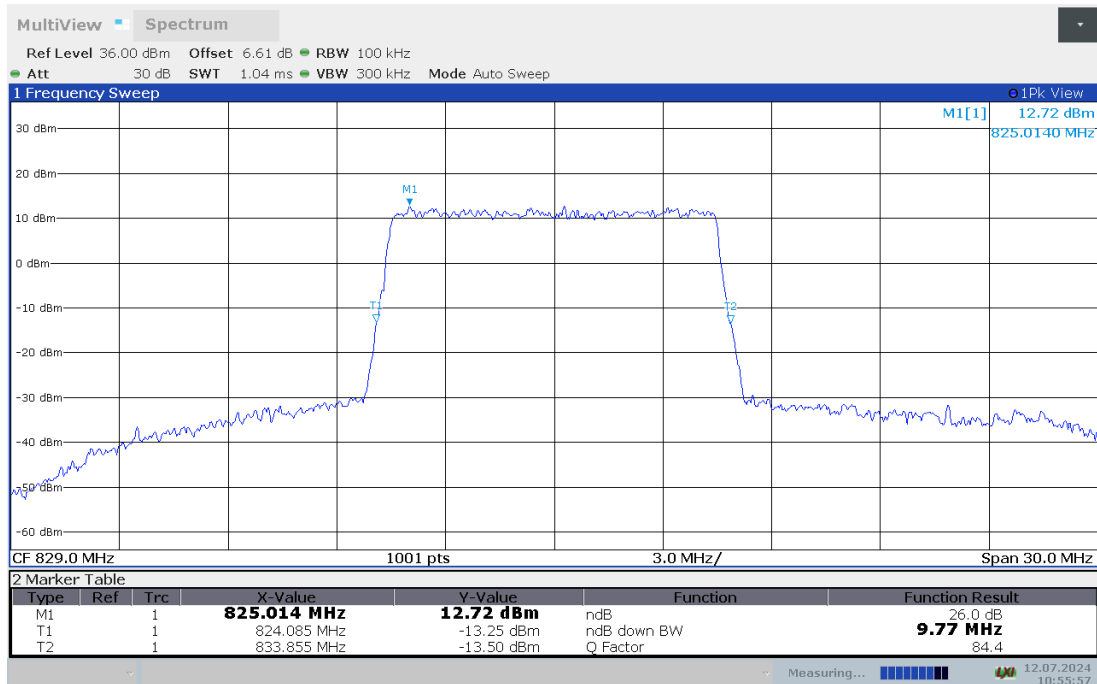
### LTE band 5 , 5MHz Bandwidth,HIGH,16QAM (-26dBc BW)



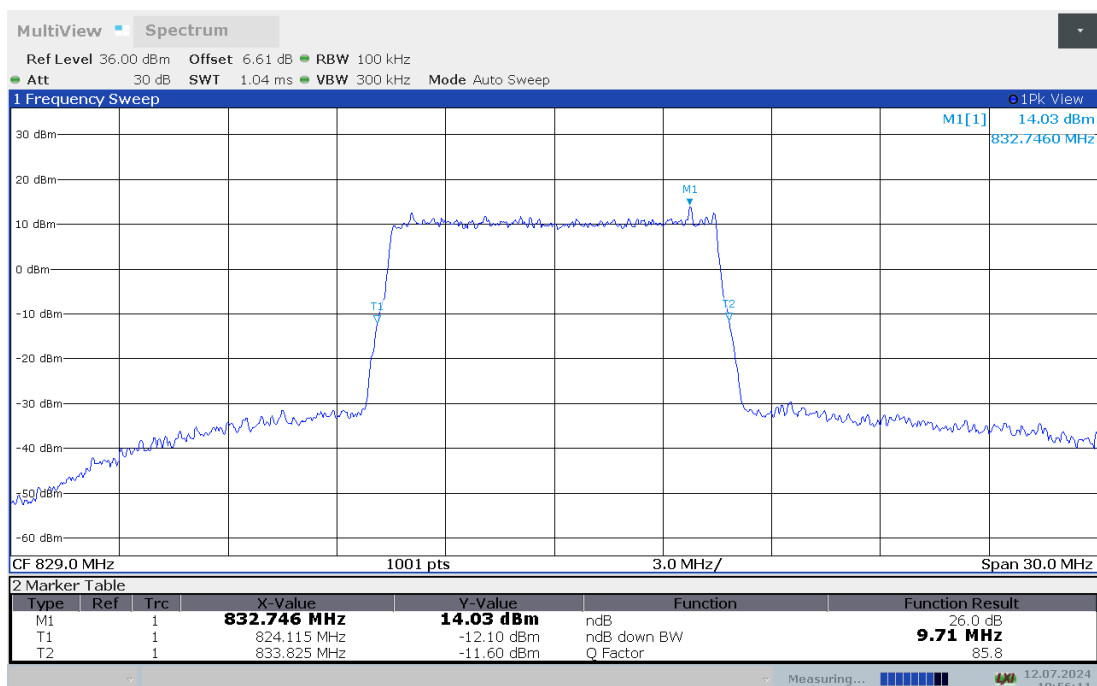
### LTE band 5,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
829	9.770	9.710
836.5	9.710	9.740
844	9.710	9.830

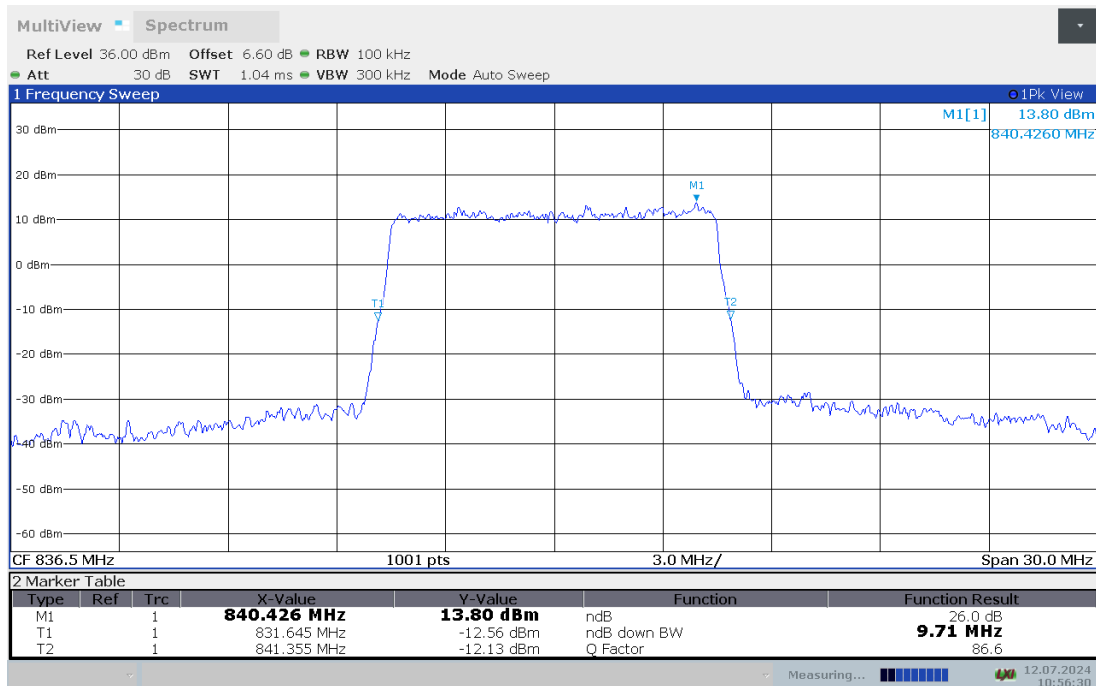
### LTE band 5 , 10MHz Bandwidth,LOW,QPSK (-26dBc BW)



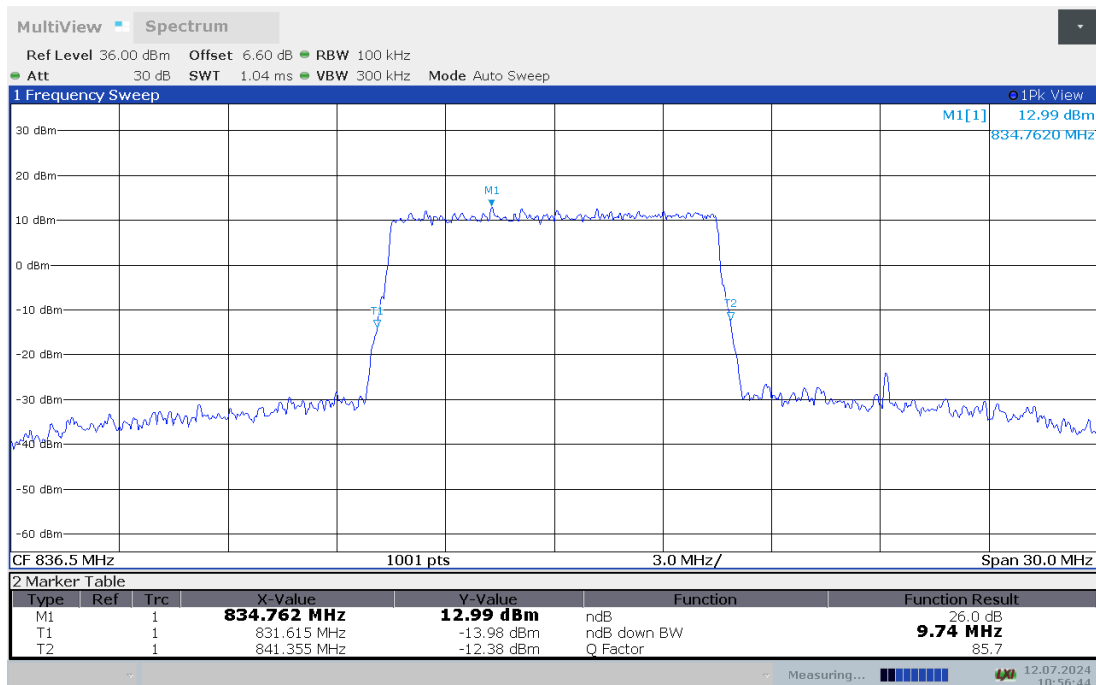
### LTE band 5 , 10MHz Bandwidth,LOW,16QAM (-26dBc BW)



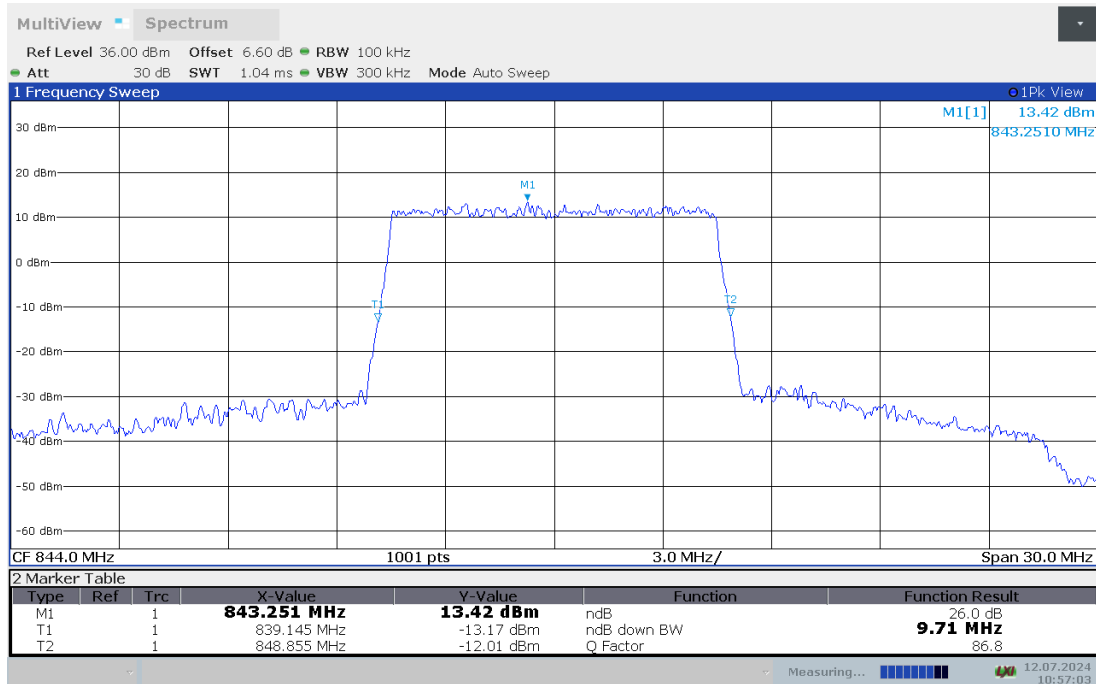
### LTE band 5 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)



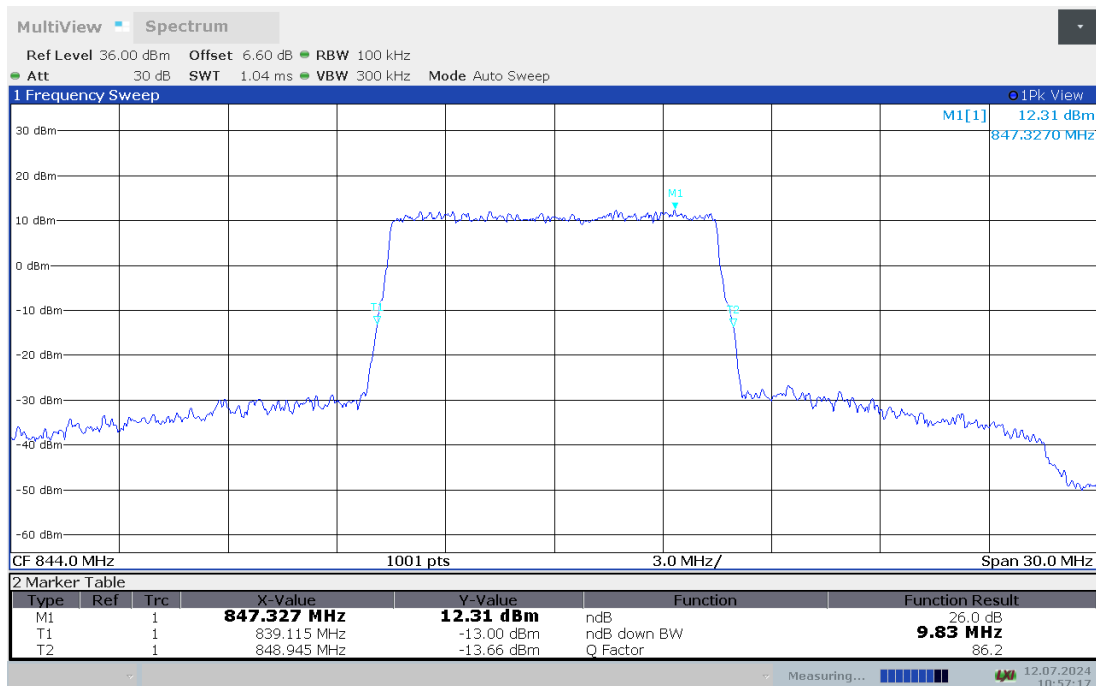
### LTE band 5 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



### LTE band 5 , 10MHz Bandwidth,HIGH,QPSK (-26dBc BW)



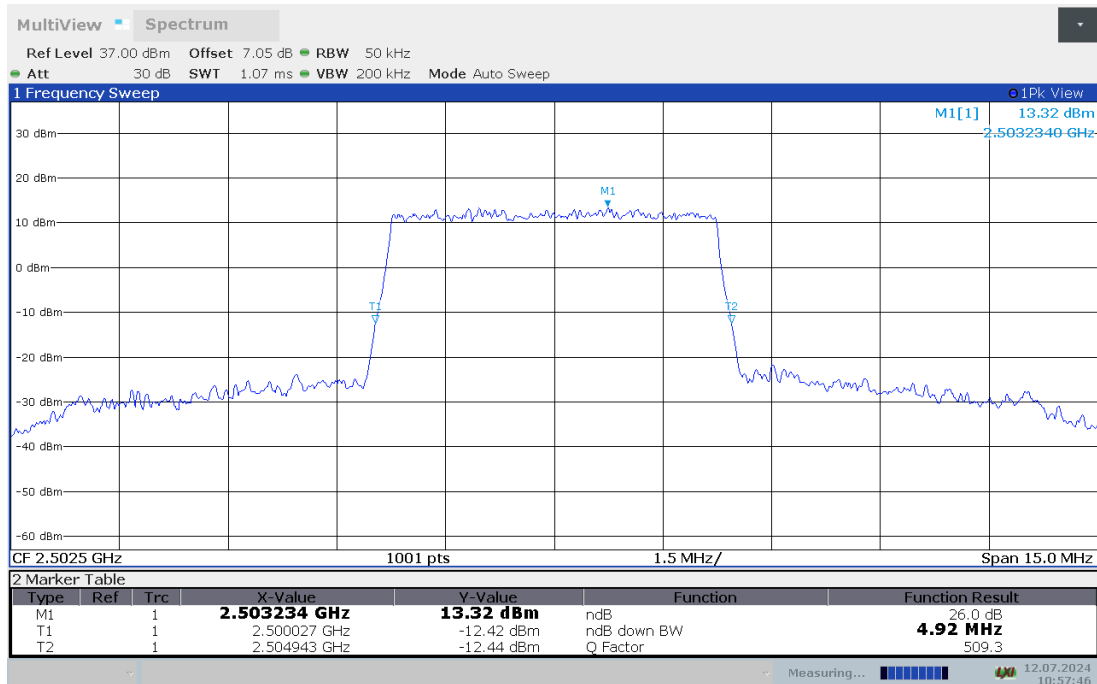
### LTE band 5 , 10MHz Bandwidth,HIGH,16QAM (-26dBc BW)



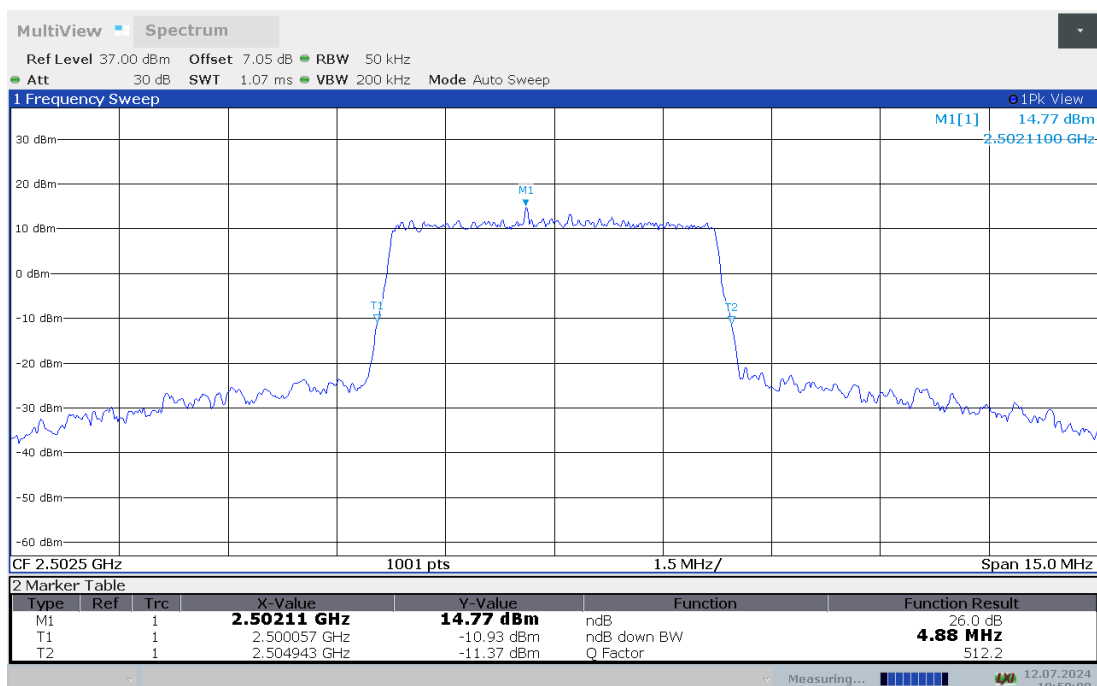
### LTE band 7,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2502.5	4.915	4.885
2535	4.945	4.930
2567.5	4.915	4.945

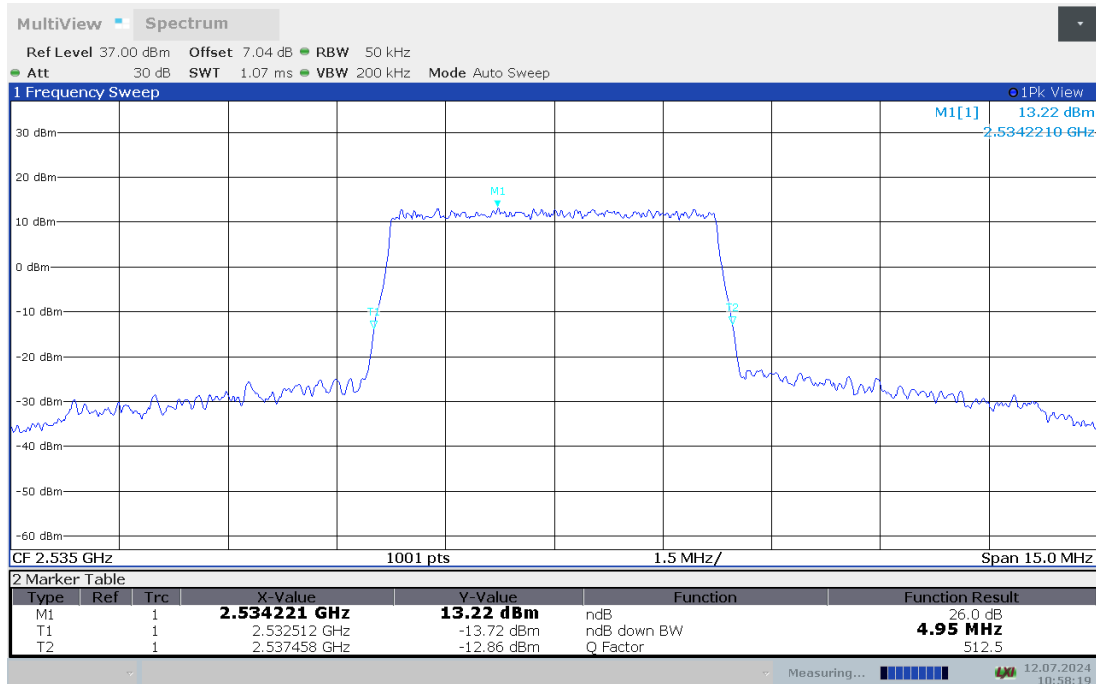
### LTE band 7 , 5MHz Bandwidth,LOW,QPSK (-26dBc BW)



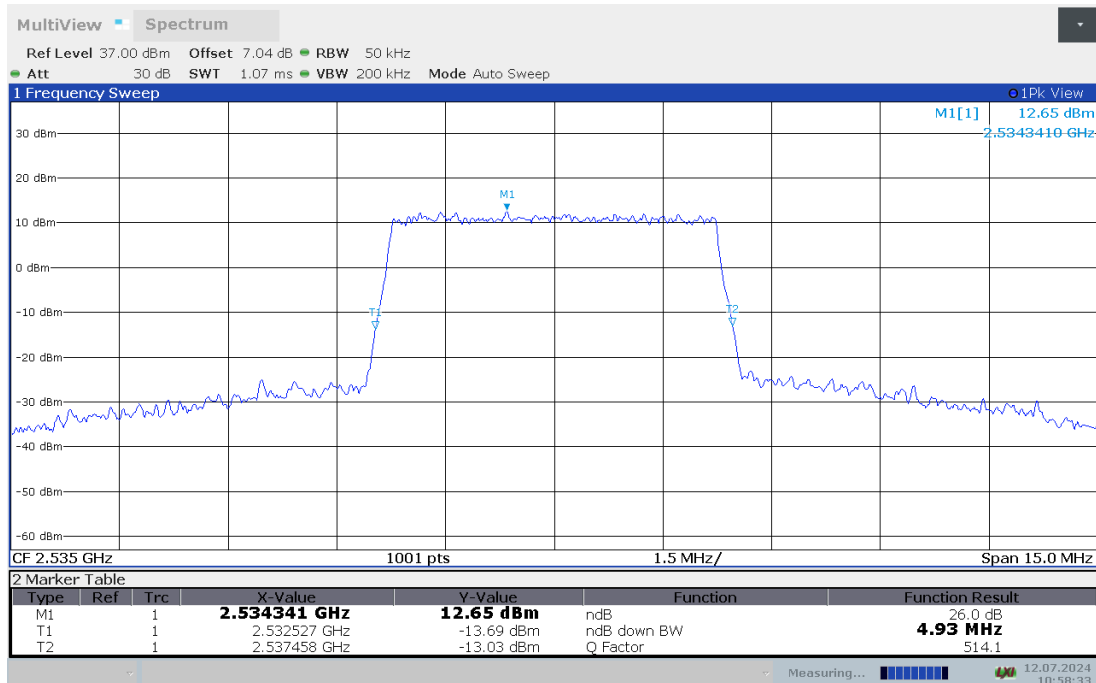
### LTE band 7 , 5MHz Bandwidth,LOW,16QAM (-26dBc BW)



### LTE band 7 , 5MHz Bandwidth,MID,QPSK (-26dBc BW)

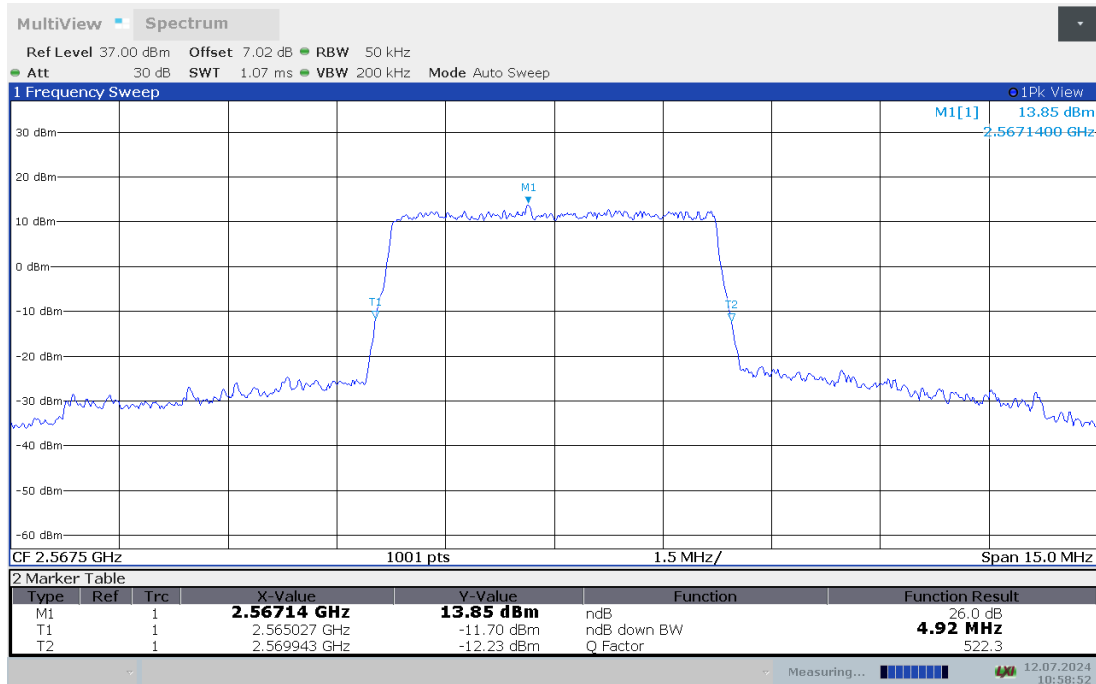


### LTE band 7 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)

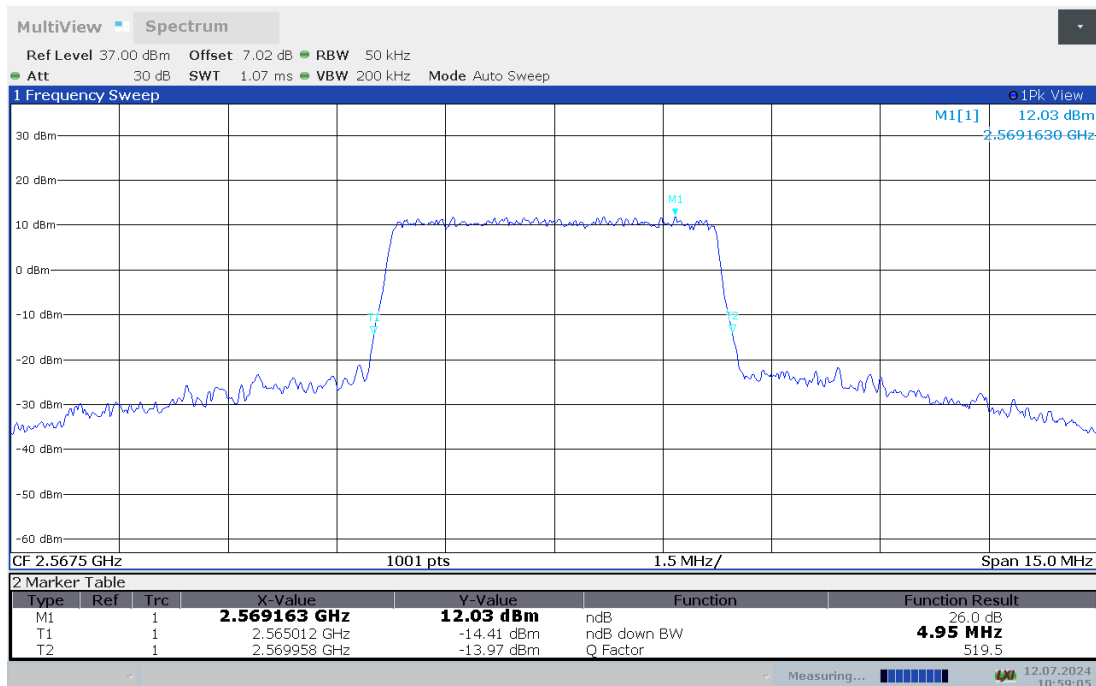




### LTE band 7 , 5MHz Bandwidth,HIGH,QPSK (-26dBc BW)



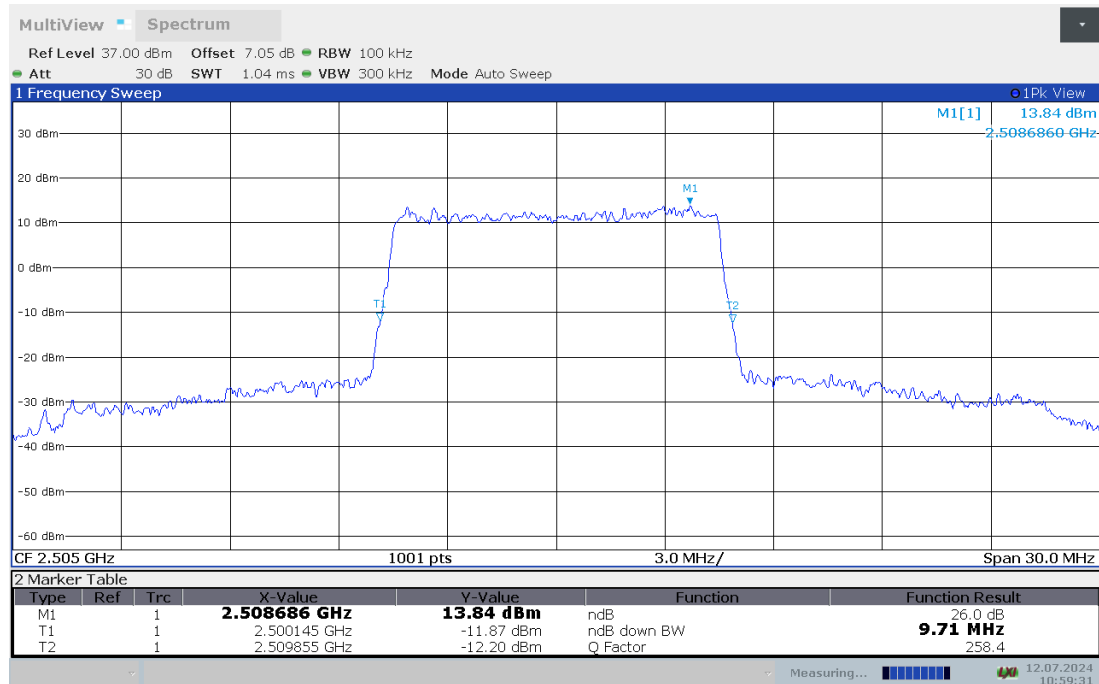
### LTE band 7 , 5MHz Bandwidth,HIGH,16QAM (-26dBc BW)



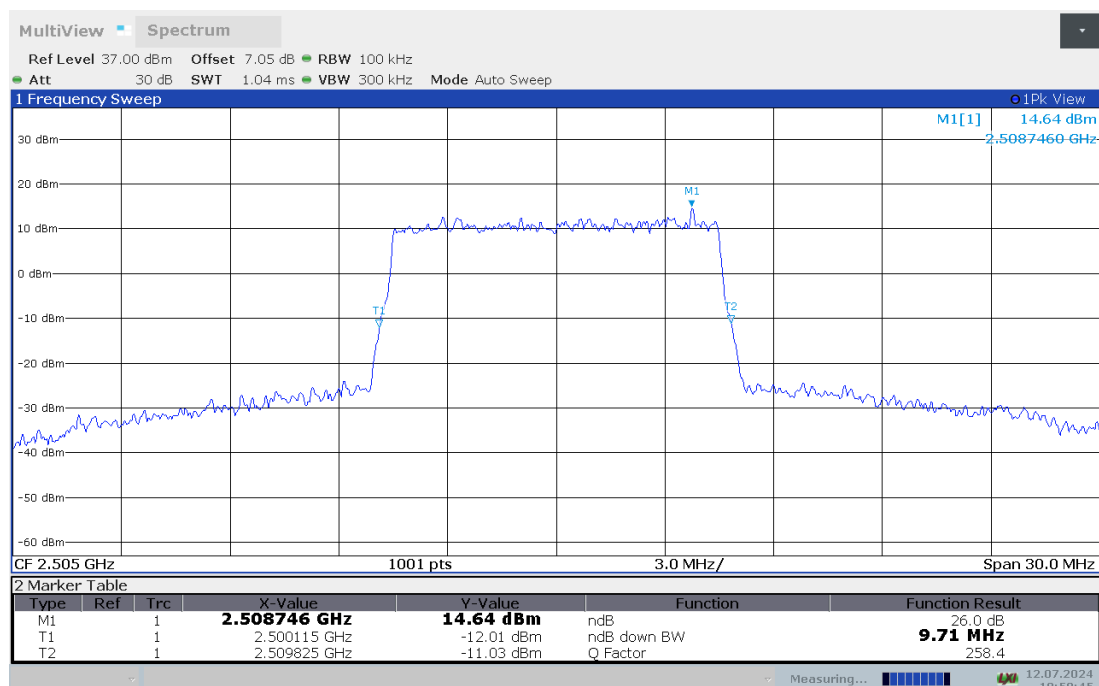
### LTE band 7,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2505	9.710	9.710
2535	9.710	9.770
2565	9.770	9.770

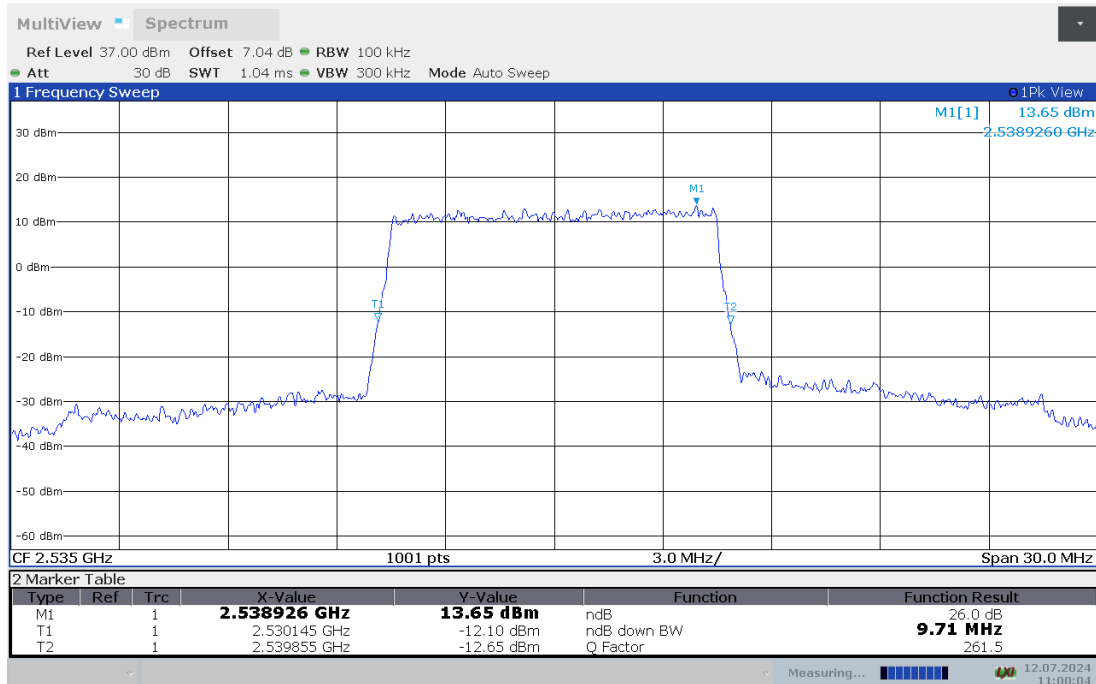
### LTE band 7 , 10MHz Bandwidth,LOW,QPSK (-26dBc BW)



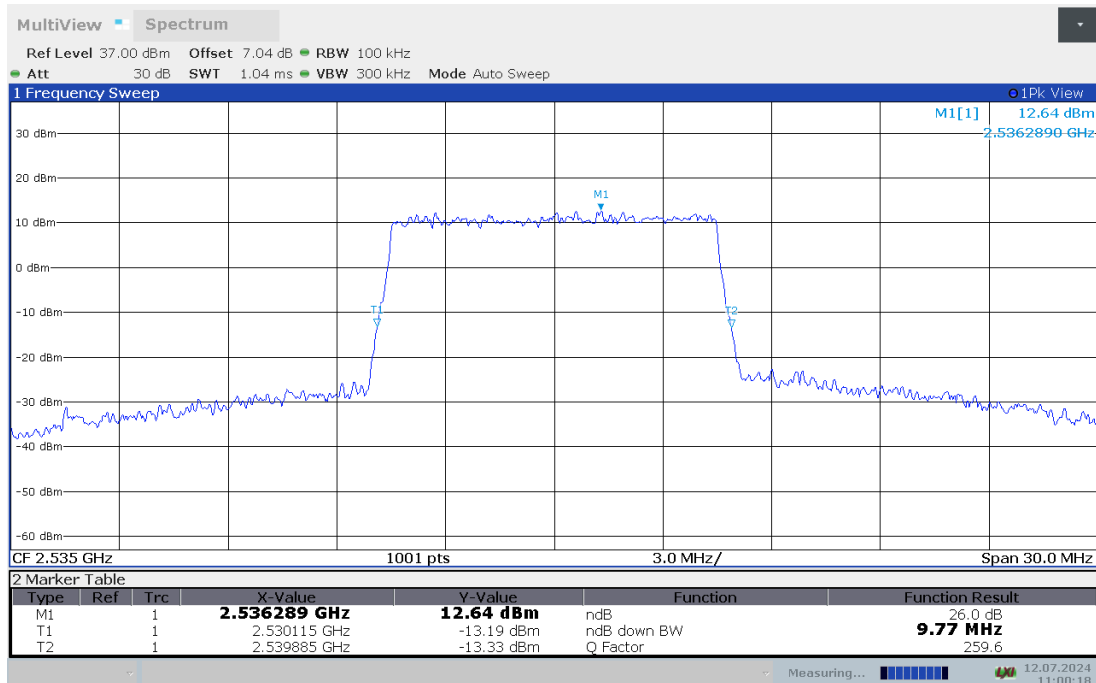
### LTE band 7 , 10MHz Bandwidth,LOW,16QAM (-26dBc BW)



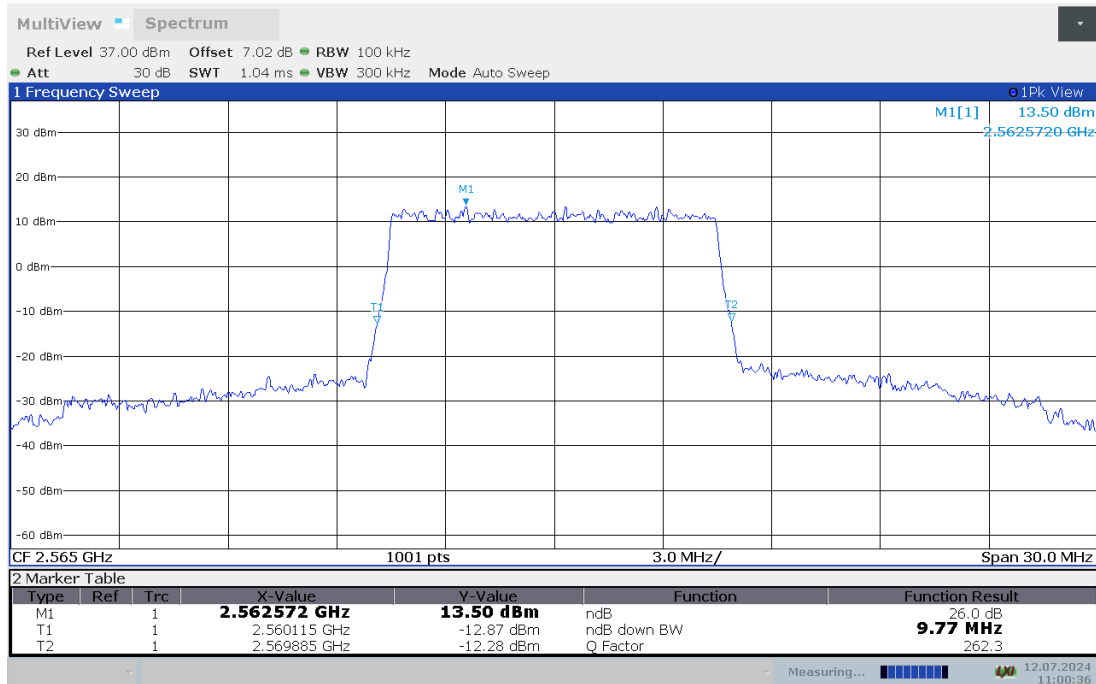
### LTE band 7 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)



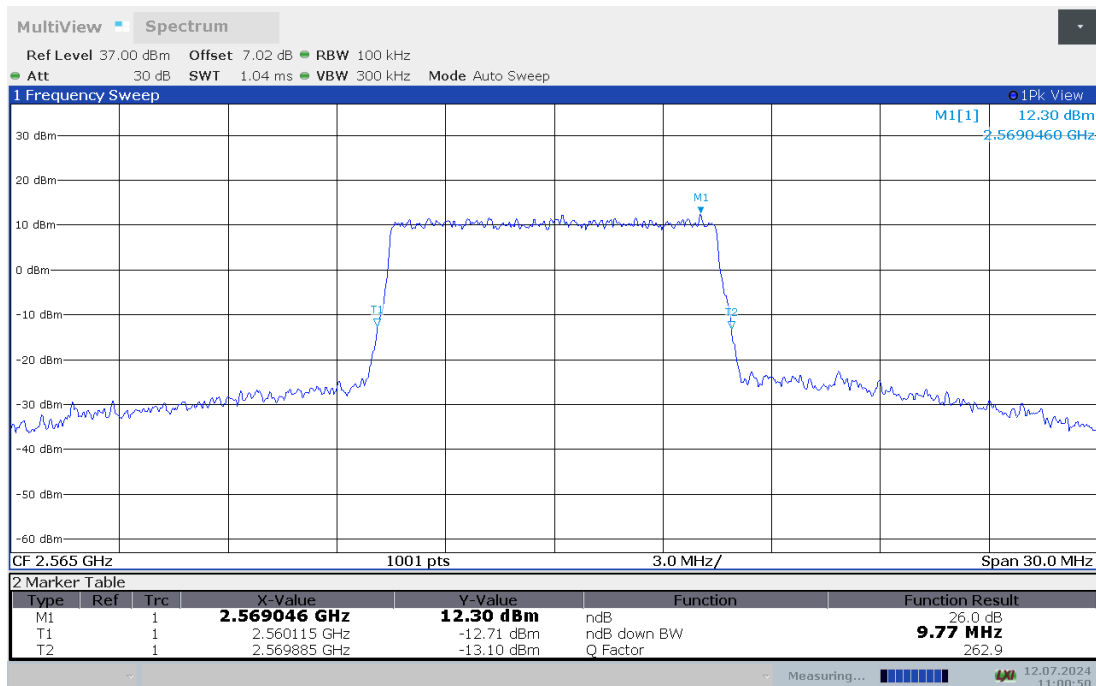
### LTE band 7 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



### LTE band 7 , 10MHz Bandwidth,HIGH,QPSK (-26dBc BW)



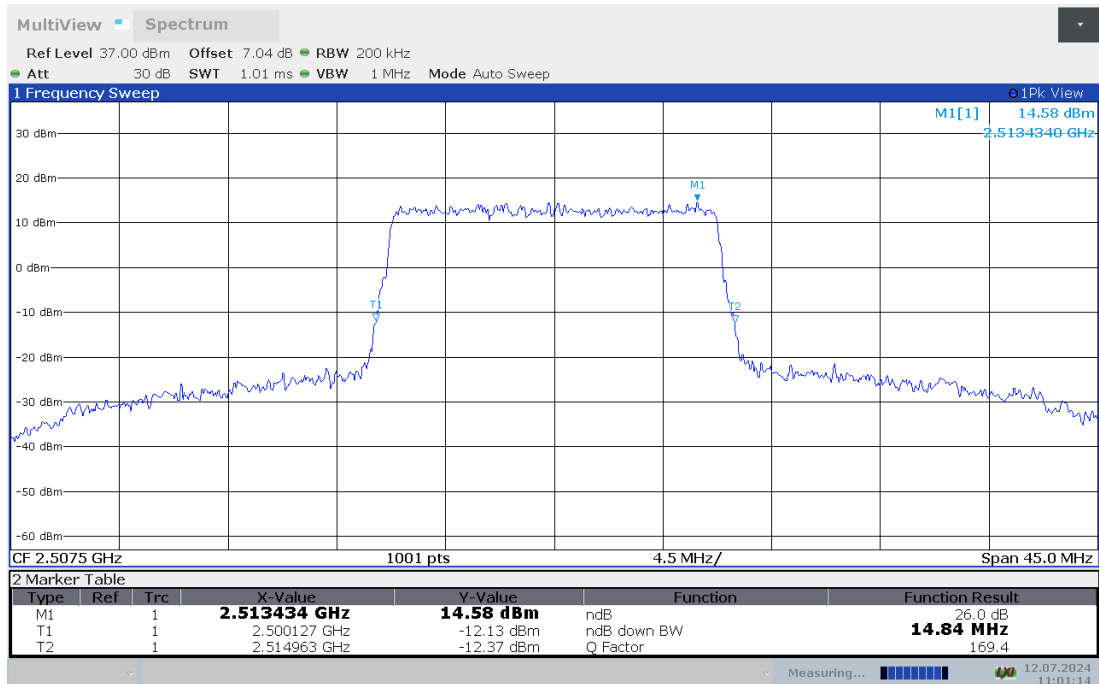
### LTE band 7 , 10MHz Bandwidth,HIGH,16QAM (-26dBc BW)



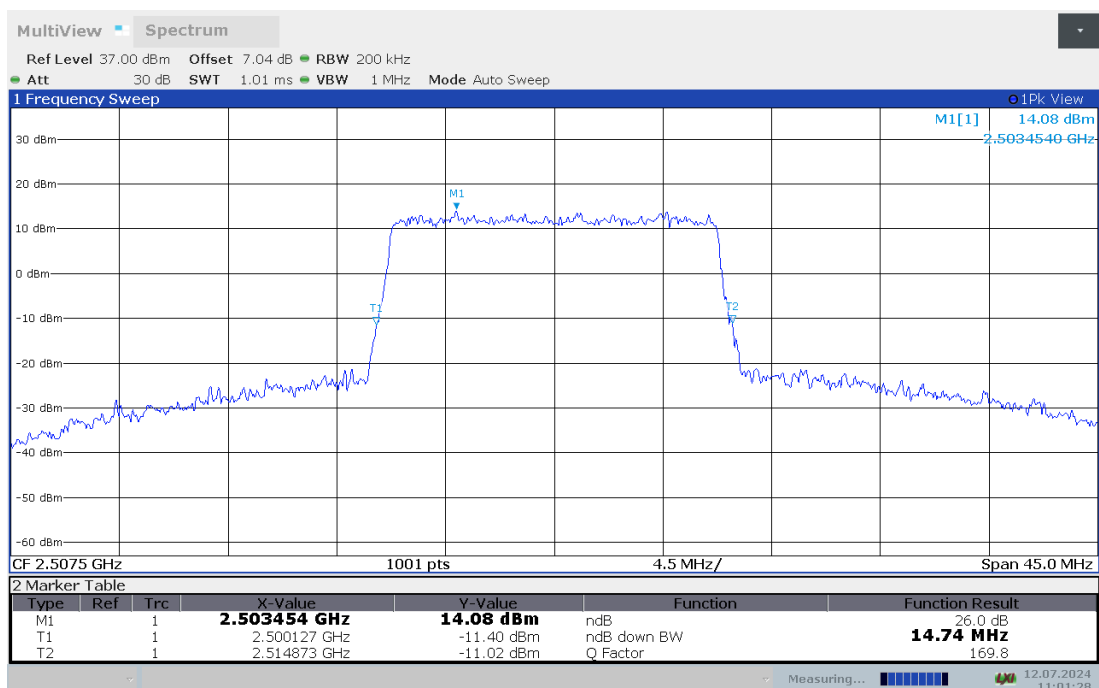
### LTE band 7,15MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2507.5	14.835	14.745
2535	14.655	14.970
2562.5	14.700	14.610

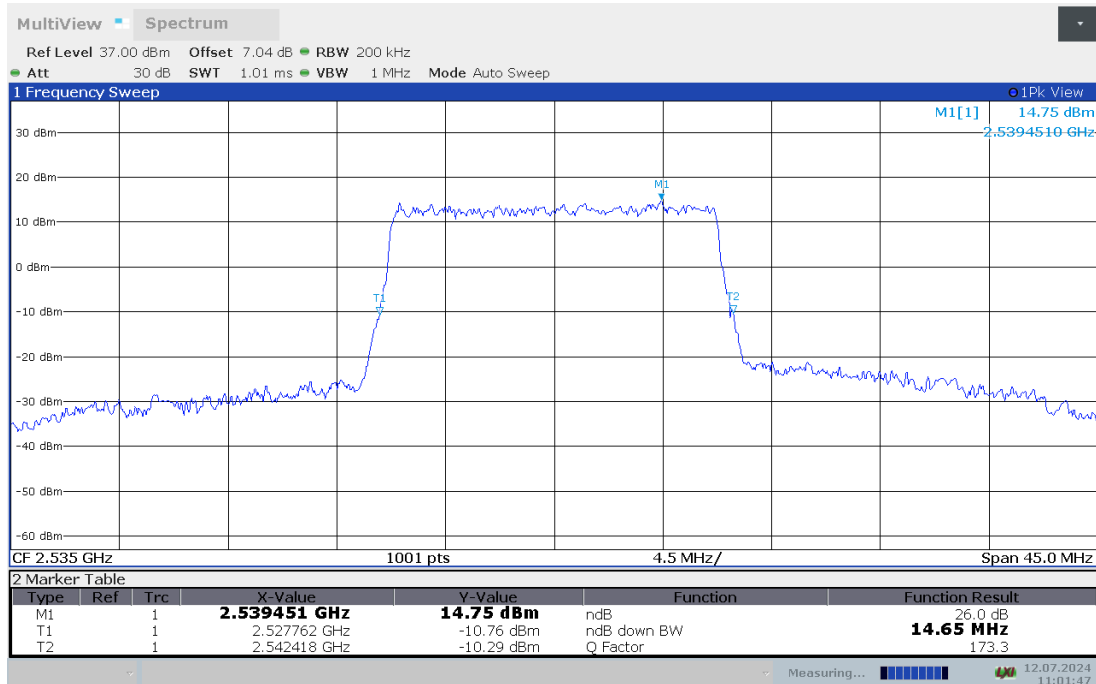
### LTE band 7 , 15MHz Bandwidth,LOW,QPSK (-26dBc BW)



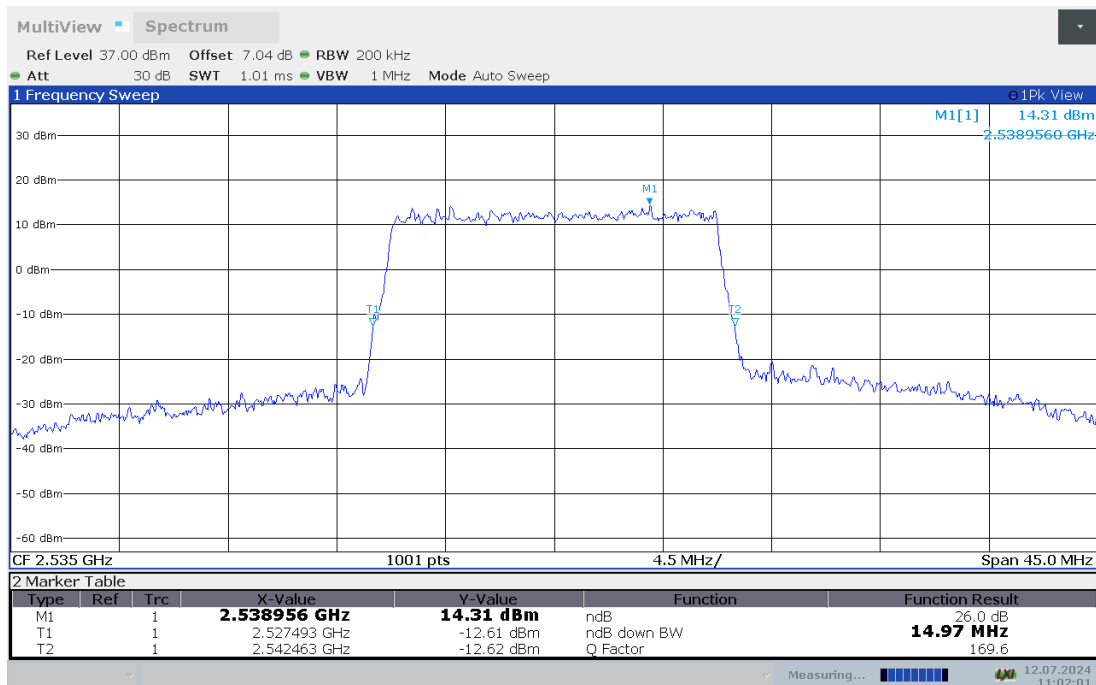
### LTE band 7 , 15MHz Bandwidth,LOW,16QAM (-26dBc BW)



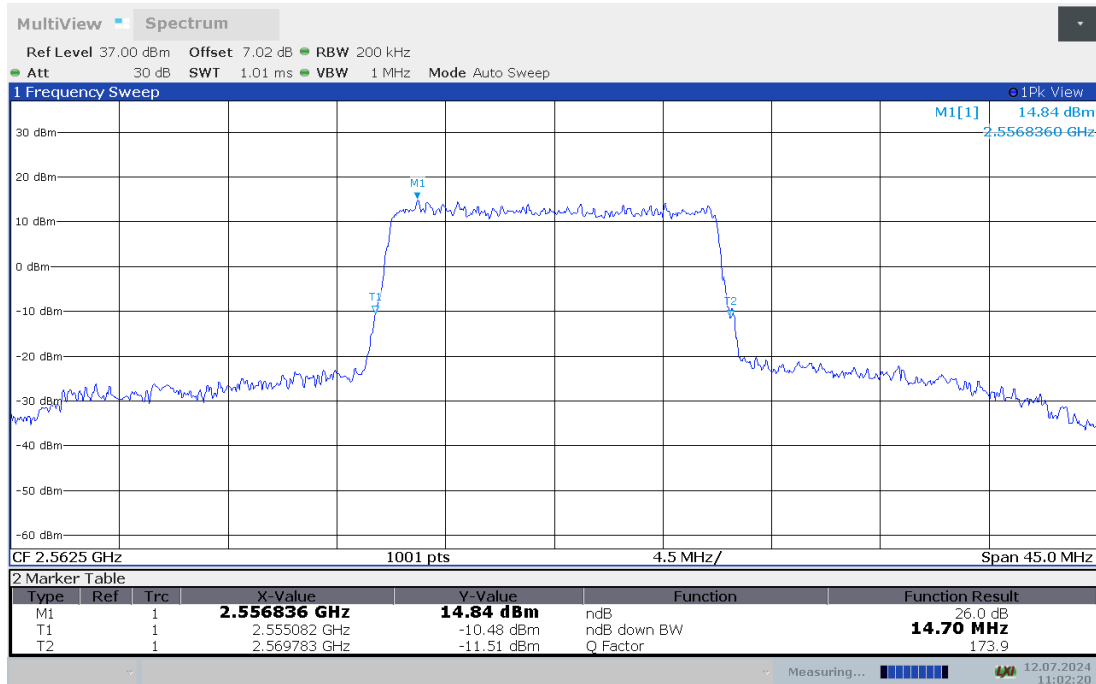
### LTE band 7 , 15MHz Bandwidth,MID,QPSK (-26dBc BW)



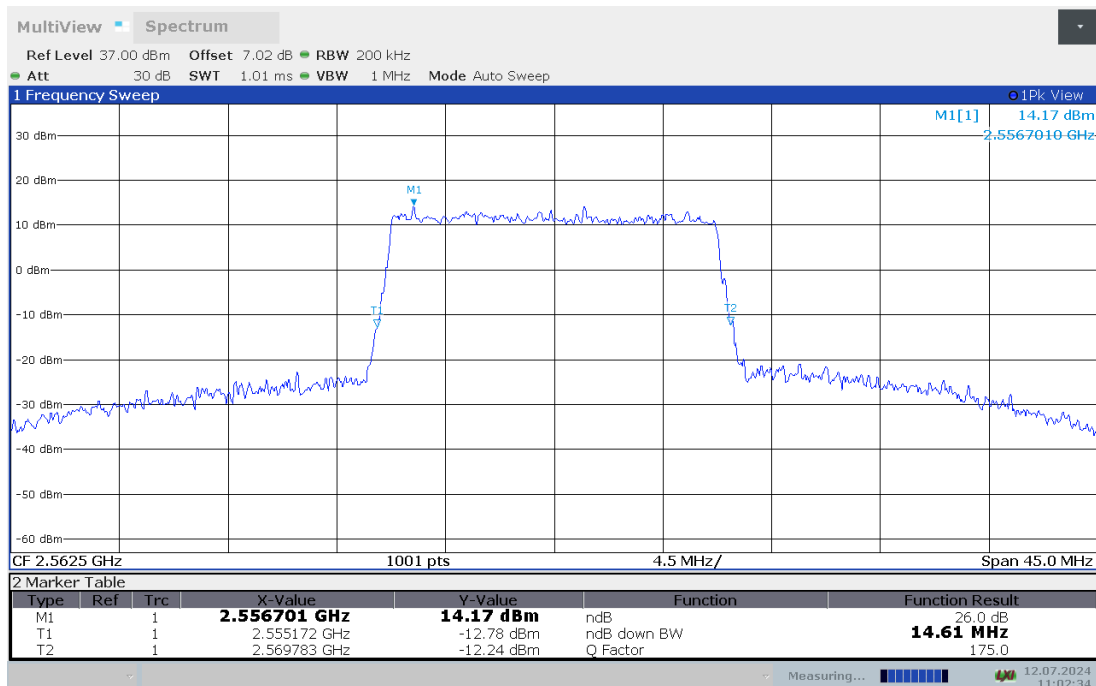
### LTE band 7 , 15MHz Bandwidth,MID,16QAM (-26dBc BW)



### LTE band 7 , 15MHz Bandwidth,HIGH,QPSK (-26dBc BW)



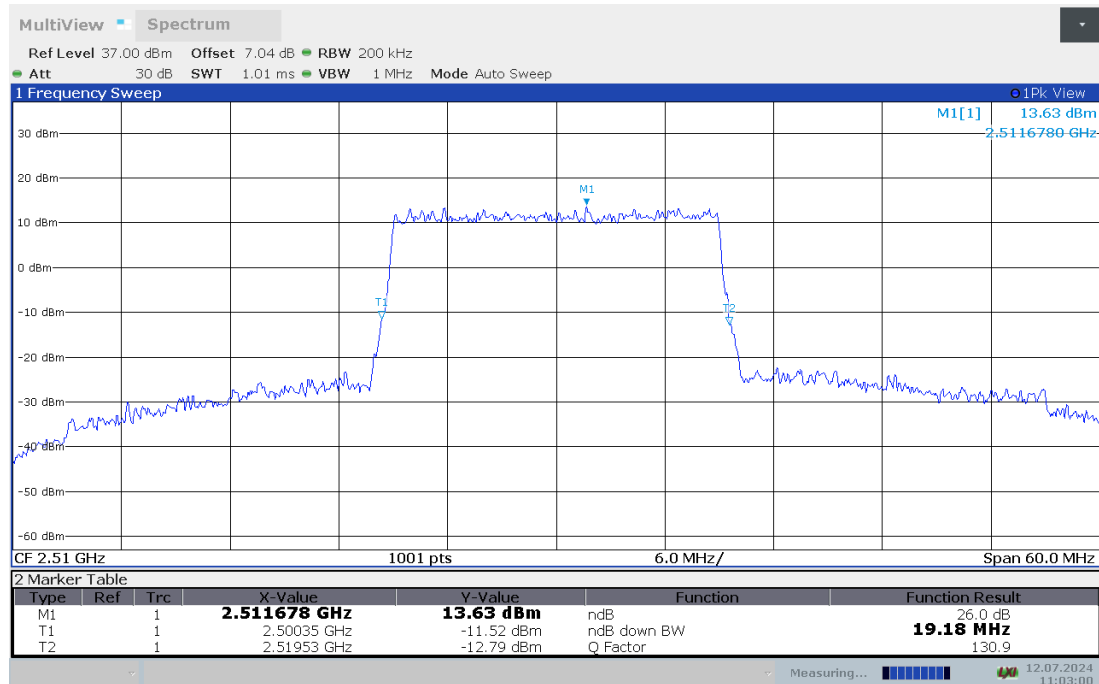
### LTE band 7 , 15MHz Bandwidth,HIGH,16QAM (-26dBc BW)



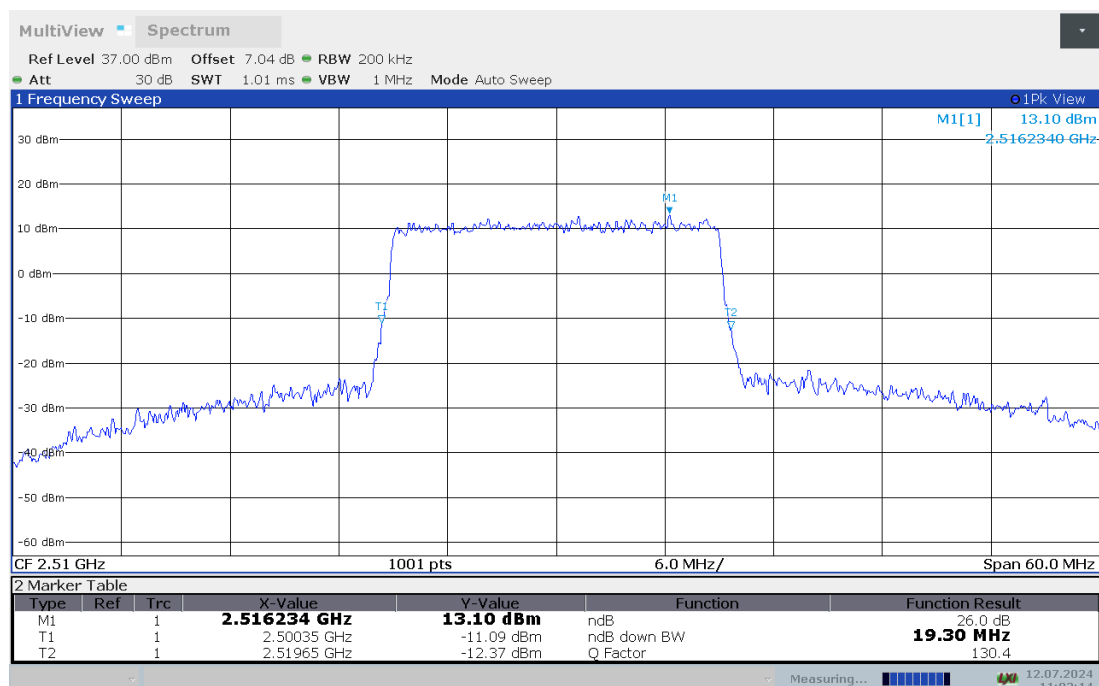
### LTE band 7,20MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2510	19.181	19.301
2535	19.121	19.181
2560	19.421	19.421

### LTE band 7 , 20MHz Bandwidth,LOW,QPSK (-26dBc BW)

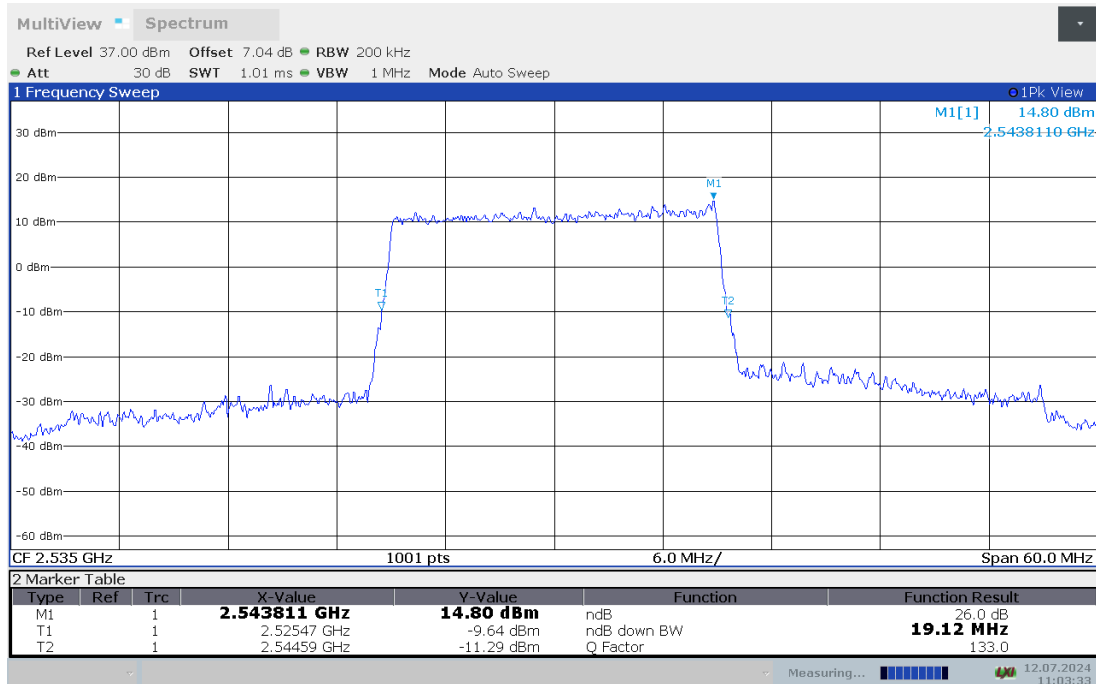


### LTE band 7 , 20MHz Bandwidth,LOW,16QAM (-26dBc BW)

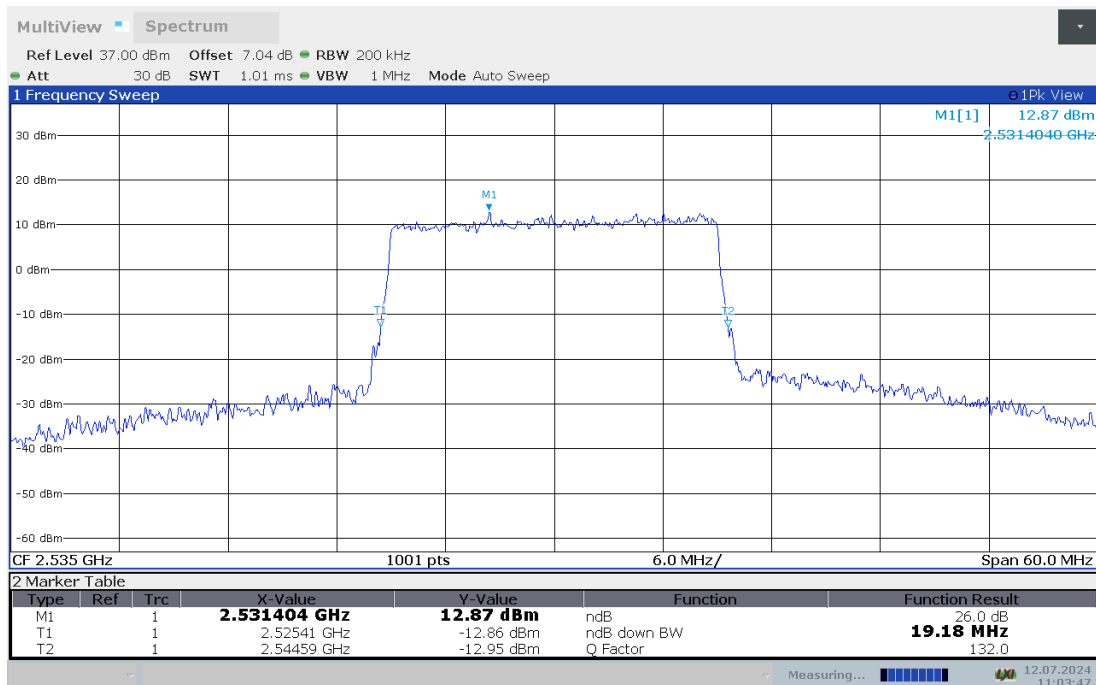




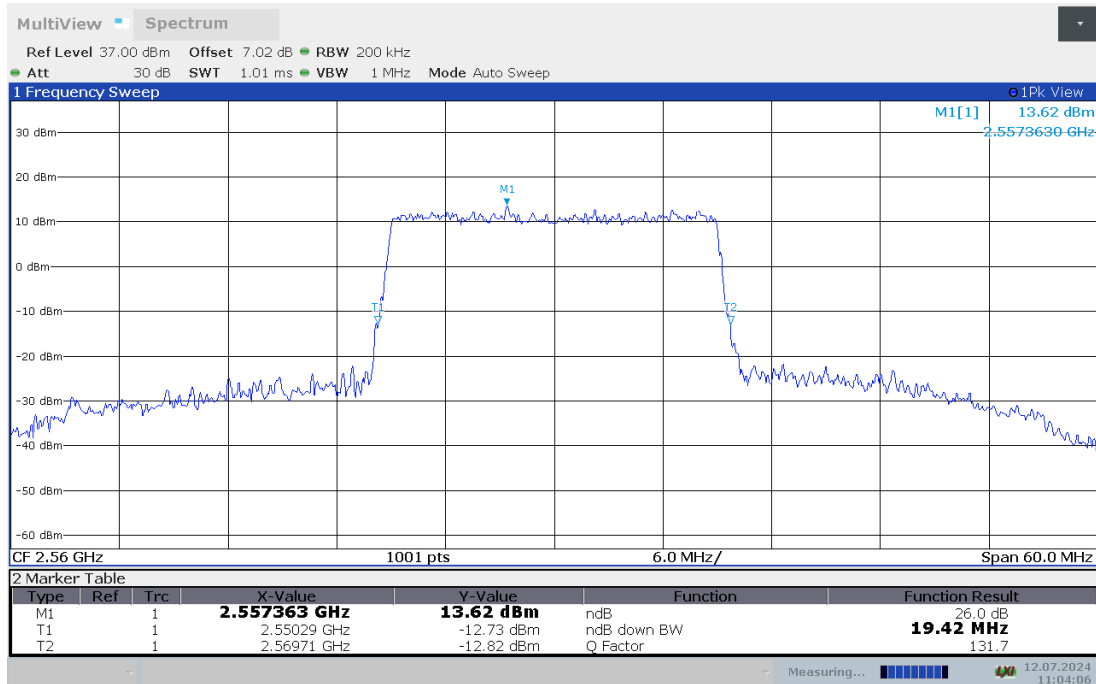
### LTE band 7 , 20MHz Bandwidth,MID,QPSK (-26dBc BW)



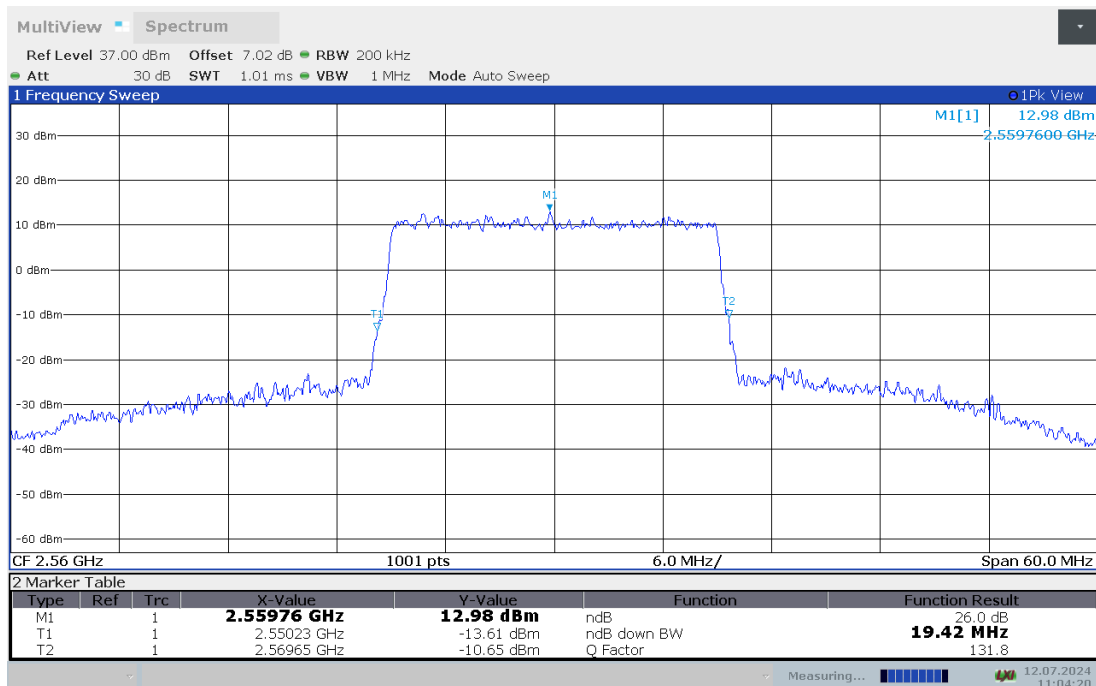
### LTE band 7 , 20MHz Bandwidth,MID,16QAM (-26dBc BW)



### LTE band 7 , 20MHz Bandwidth,HIGH,QPSK (-26dBc BW)



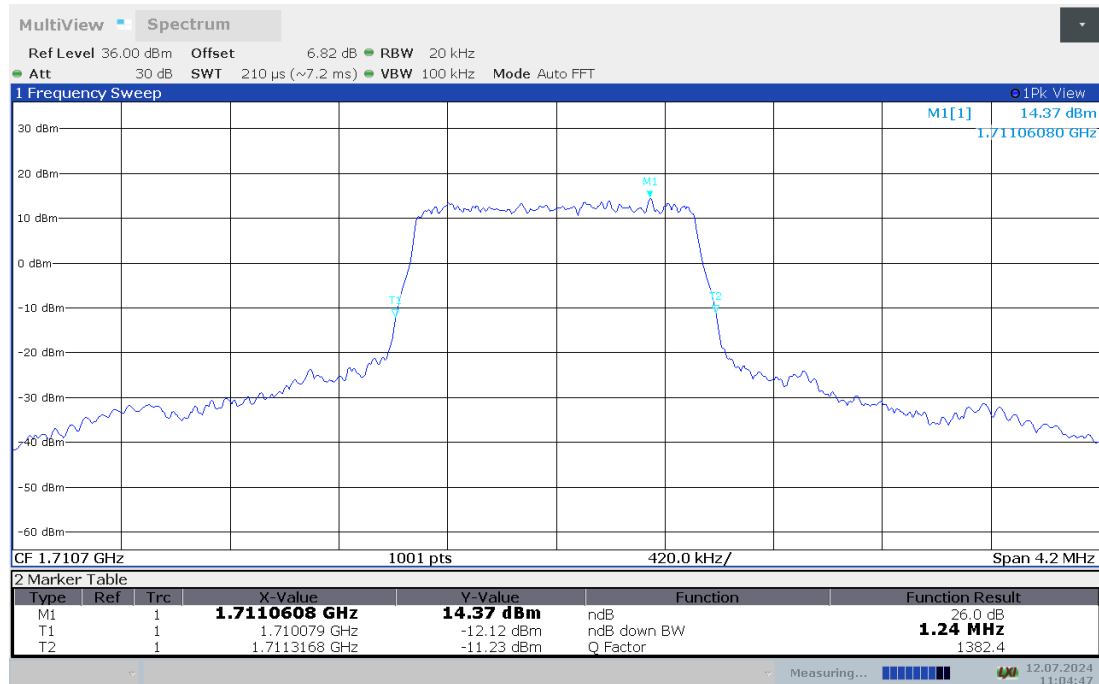
### LTE band 7 , 20MHz Bandwidth,HIGH,16QAM (-26dBc BW)



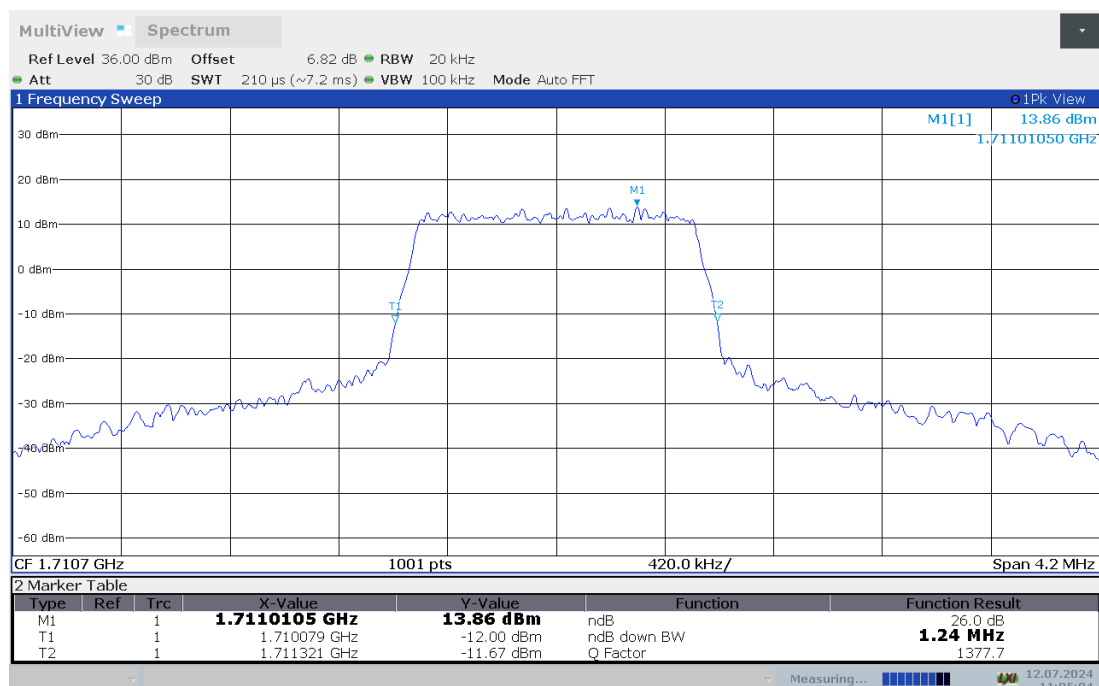
### LTE band 66,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1710.7	1.238	1.242
1745	1.242	1.229
1779.3	1.238	1.238

### LTE band 66 , 1.4MHz Bandwidth,LOW,QPSK (-26dBc BW)



### LTE band 66 , 1.4MHz Bandwidth,LOW,16QAM (-26dBc BW)



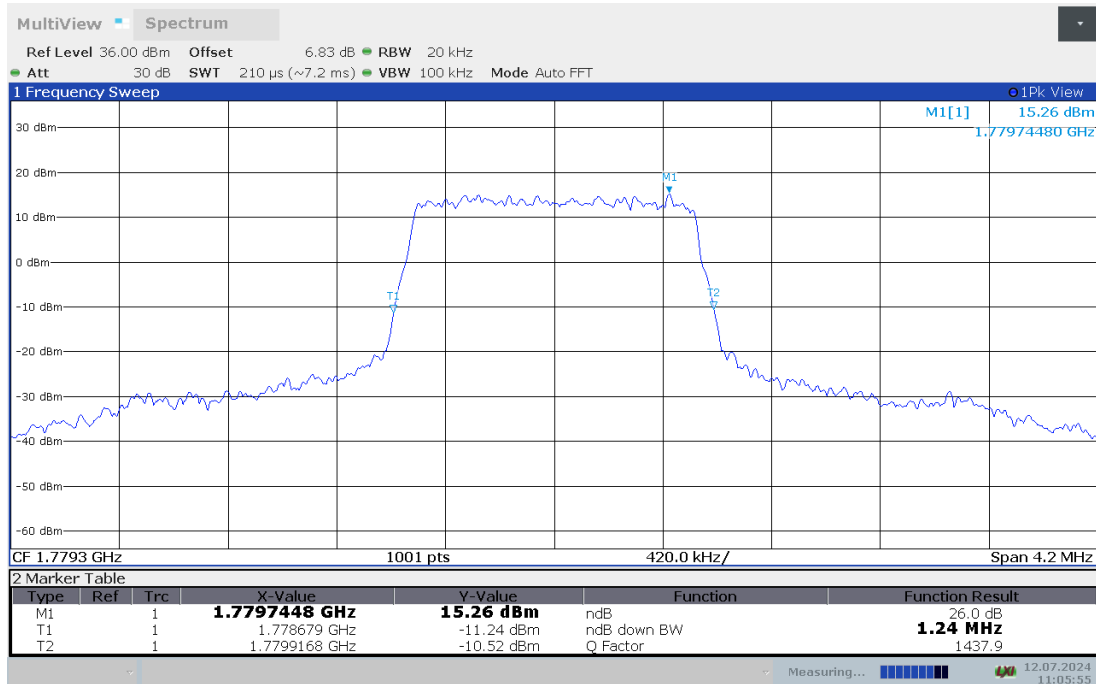
### LTE band 66 , 1.4MHz Bandwidth,MID,QPSK (-26dBc BW)



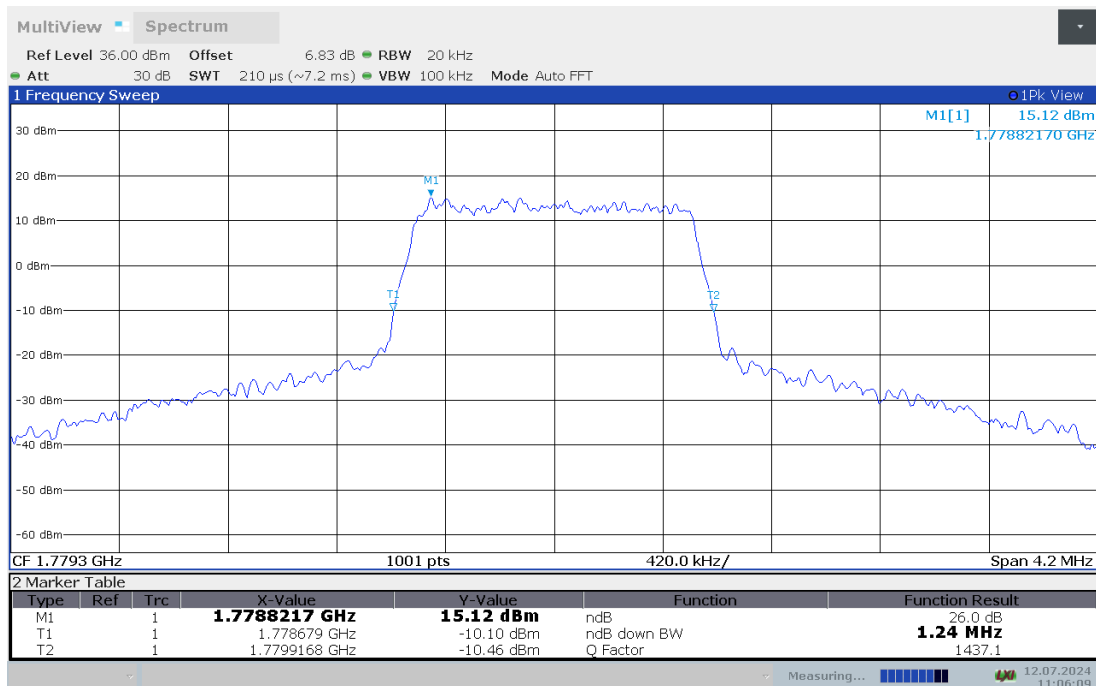
### LTE band 66 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)



### LTE band 66 , 1.4MHz Bandwidth,HIGH,QPSK (-26dBc BW)



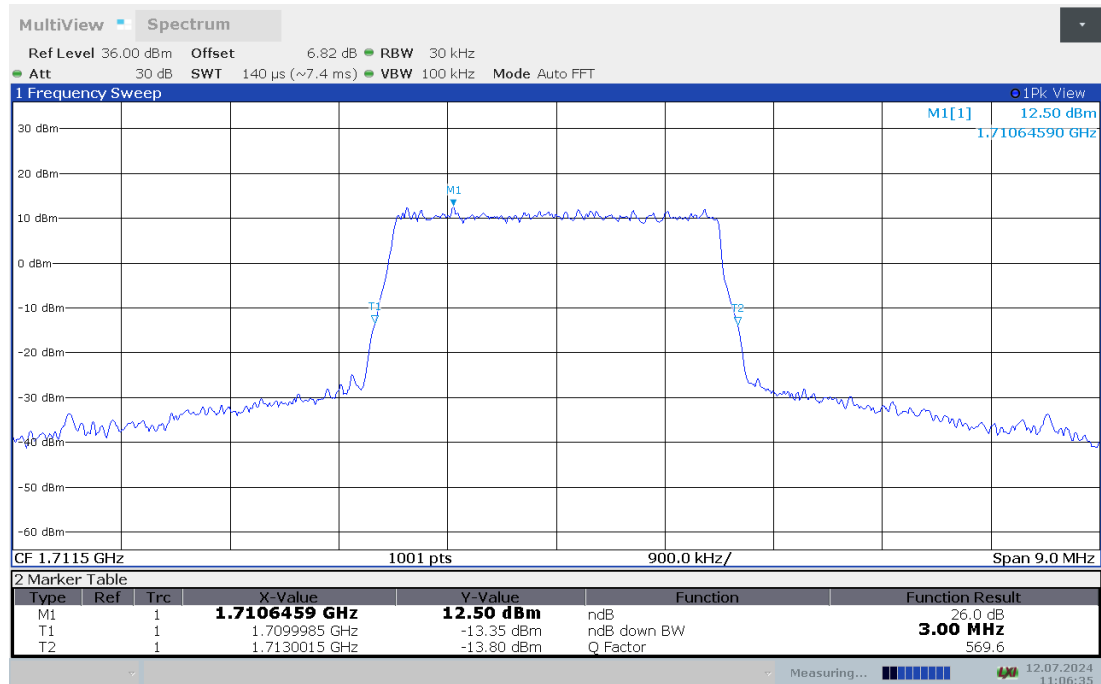
### LTE band 66 , 1.4MHz Bandwidth,HIGH,16QAM (-26dBc BW)



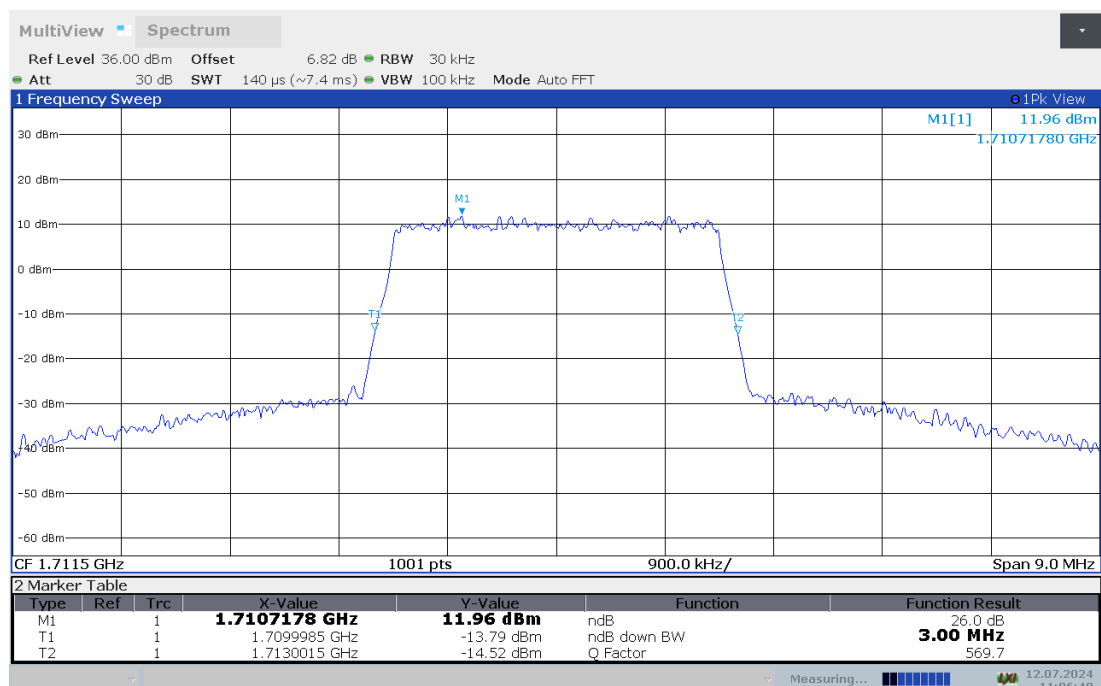
### LTE band 66,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1711.5	3.003	3.003
1745	3.003	2.994
1778.5	3.003	3.012

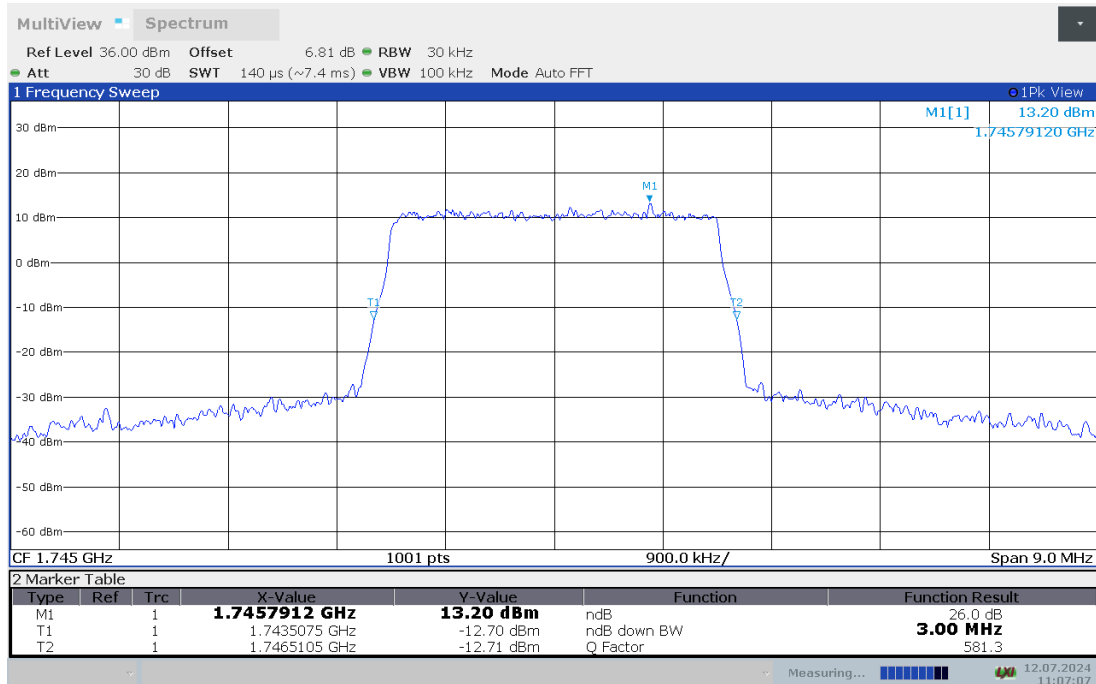
### LTE band 66 , 3MHz Bandwidth,LOW,QPSK (-26dBc BW)



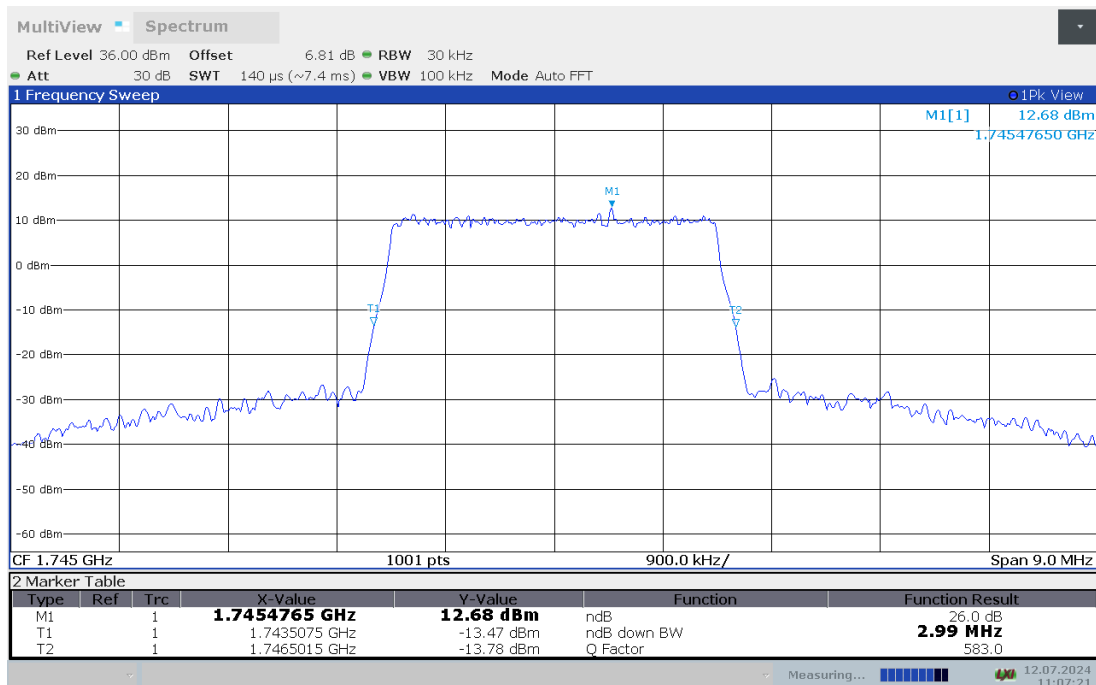
### LTE band 66 , 3MHz Bandwidth,LOW,16QAM (-26dBc BW)



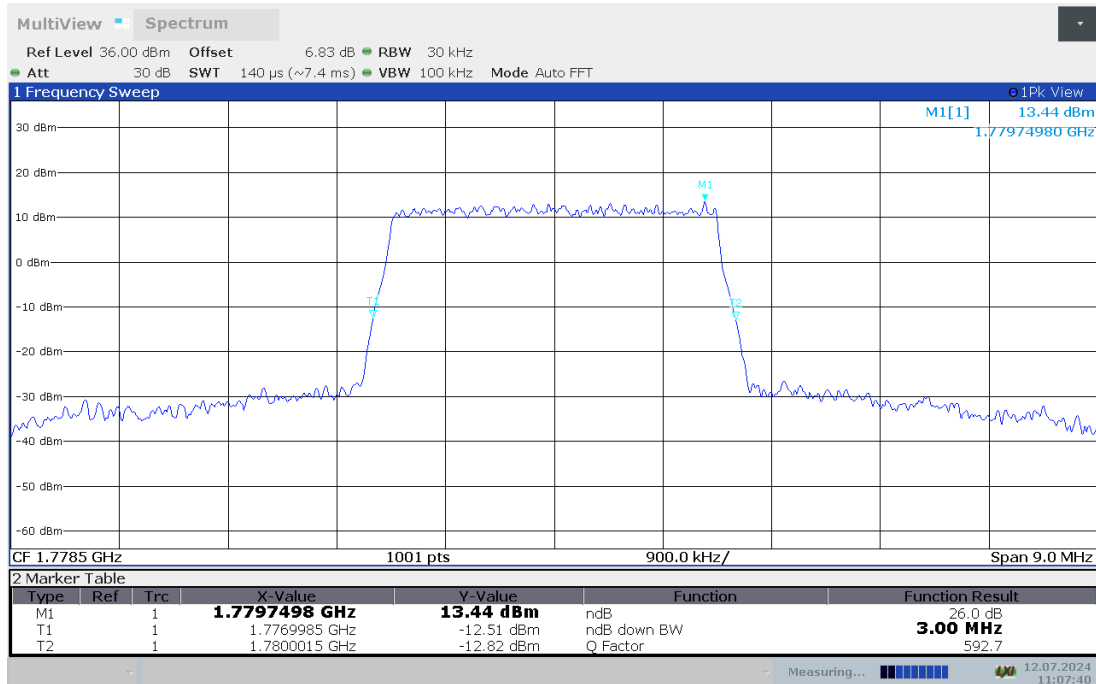
### LTE band 66 , 3MHz Bandwidth,MID,QPSK (-26dBc BW)



### LTE band 66 , 3MHz Bandwidth,MID,16QAM (-26dBc BW)



### LTE band 66 , 3MHz Bandwidth,HIGH,QPSK (-26dBc BW)



### LTE band 66 , 3MHz Bandwidth,HIGH,16QAM (-26dBc BW)

