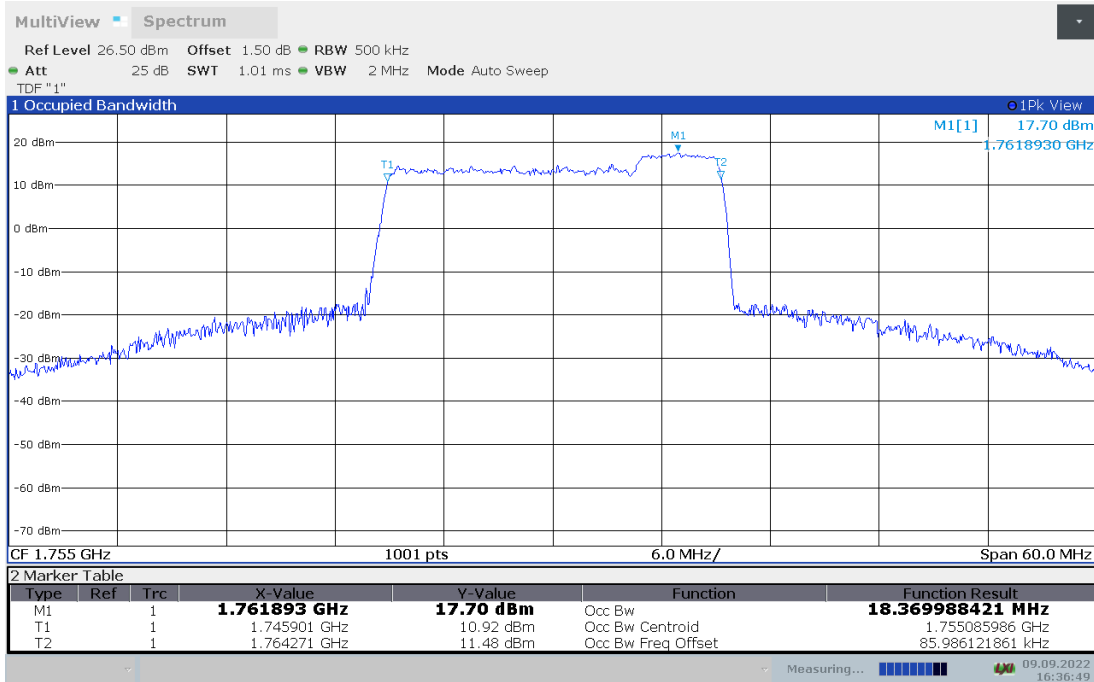




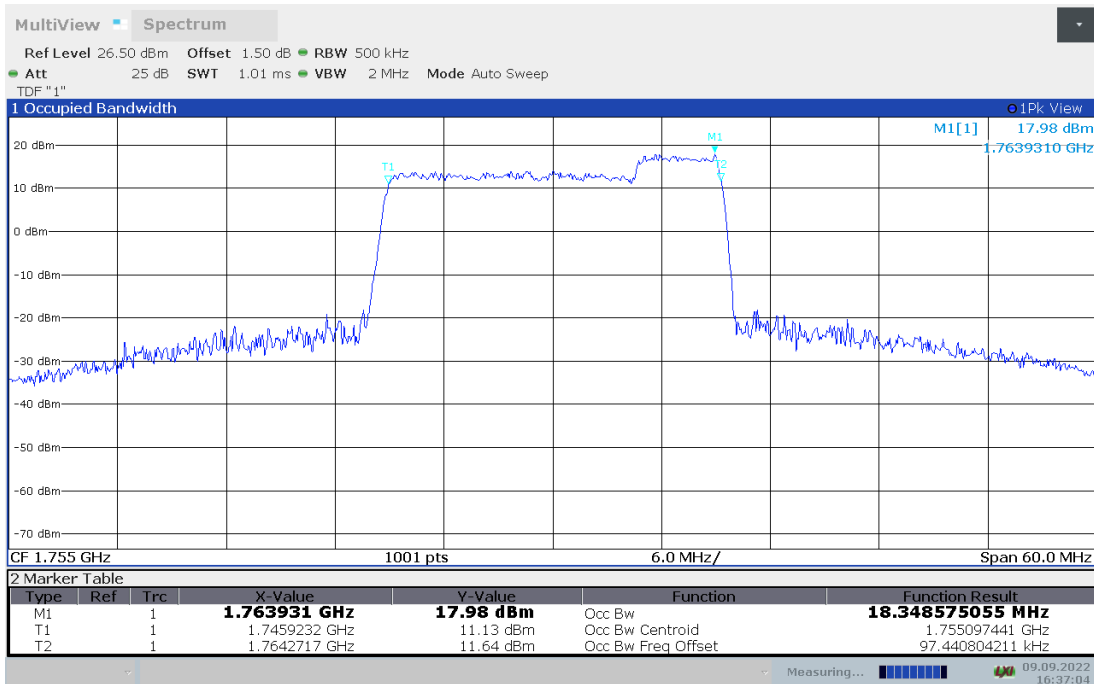
**LTE CA\_66B,15MHz+5MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	18.370	18.349	18.374

**LTE CA\_66B , 15MHz+5MHz Bandwidth,QPSK (99% BW)**

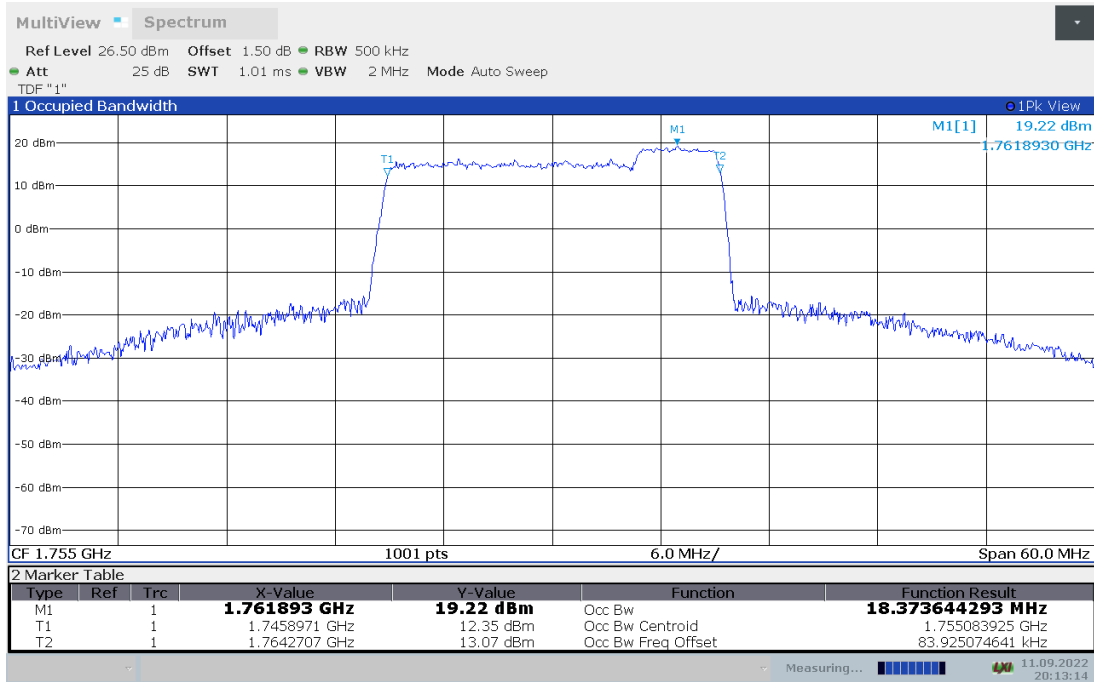


**LTE CA\_66B , 15MHz+5MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66B , 15MHz+5MHz Bandwidth, 64QAM (99% BW)

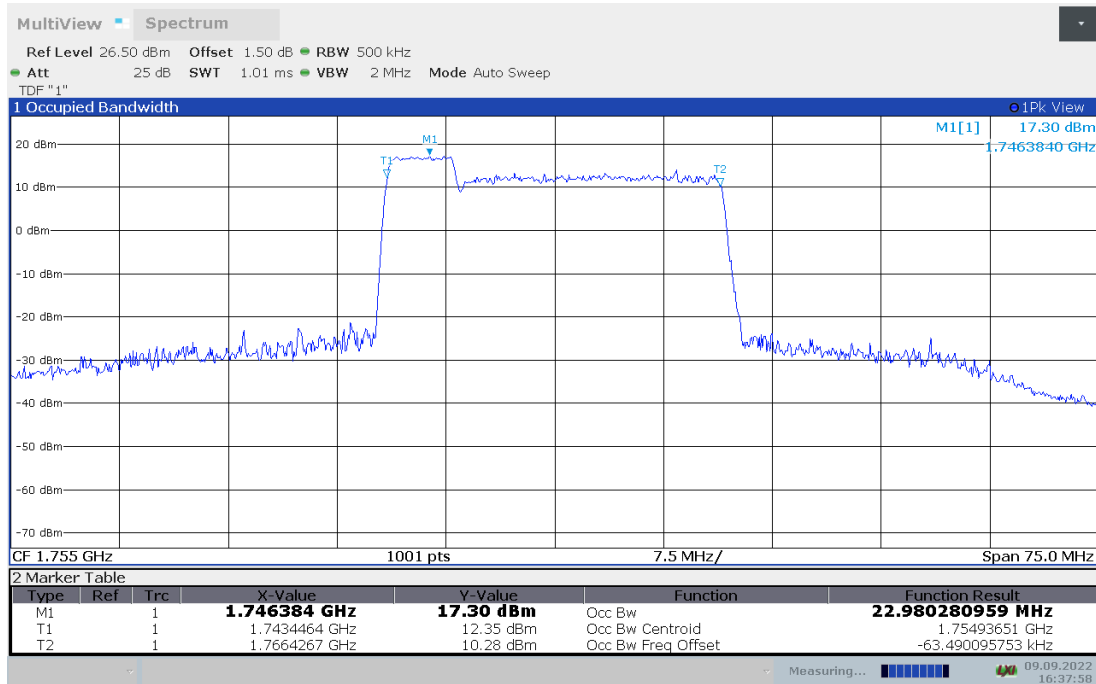




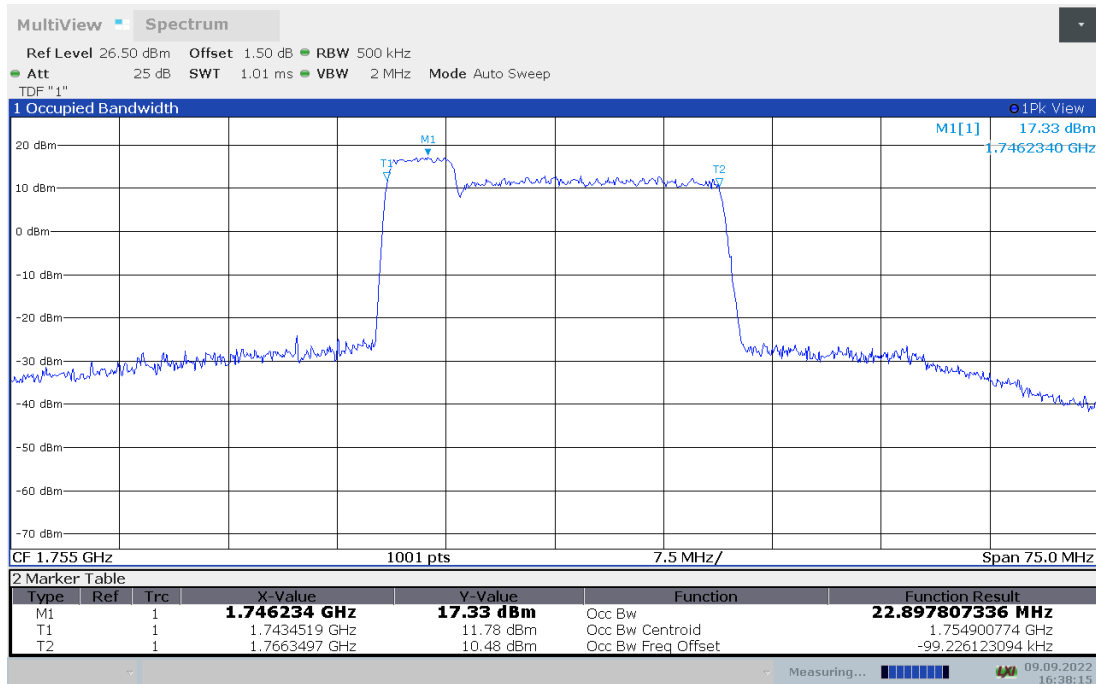
**LTE CA\_66C,5MHz+20MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	22.980	22.898	22.940

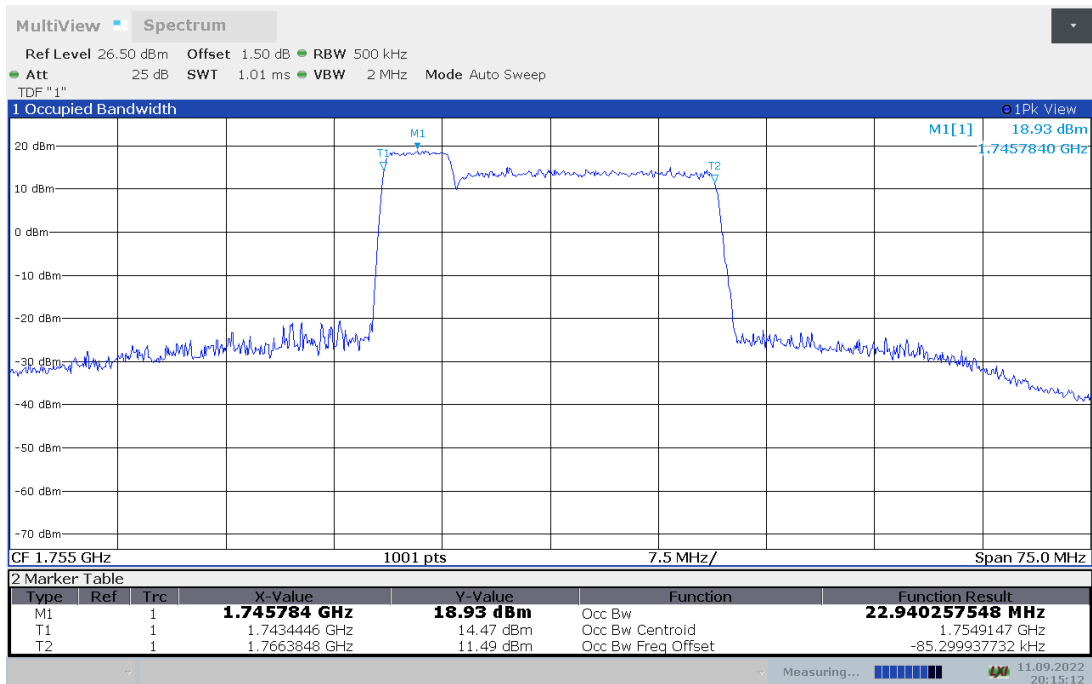
**LTE CA\_66C , 5MHz+20MHz Bandwidth,QPSK (99% BW)**



**LTE CA\_66C , 5MHz+20MHz Bandwidth,16QAM (99% BW)**



**LTE CA\_66C , 5MHz+20MHz Bandwidth,64QAM (99% BW)**

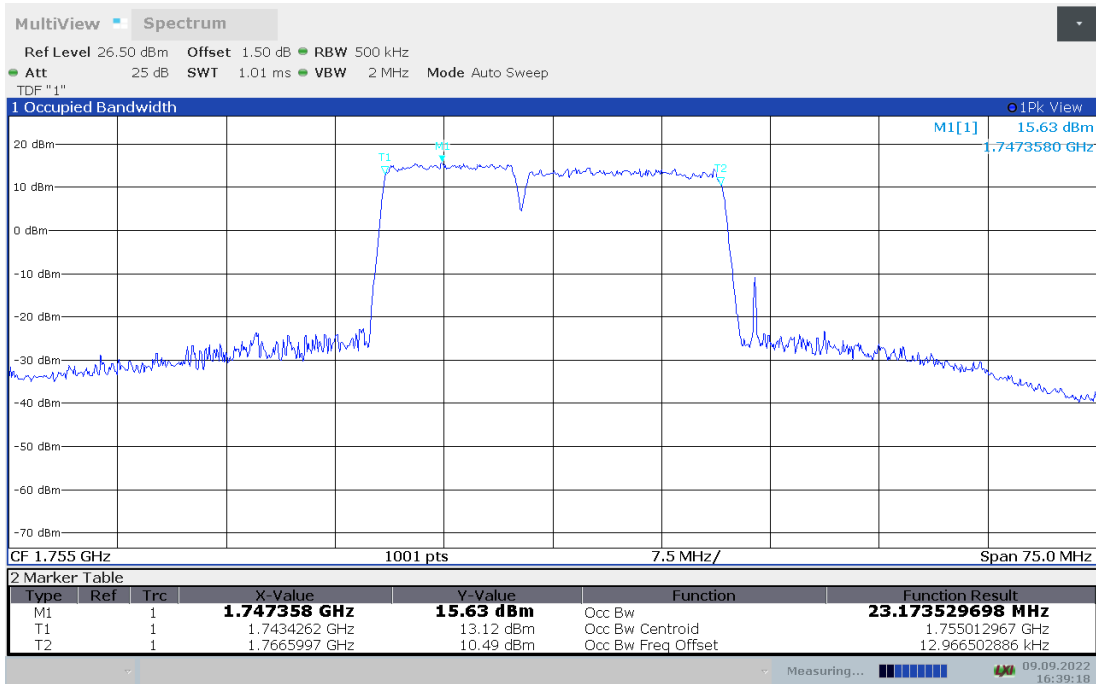




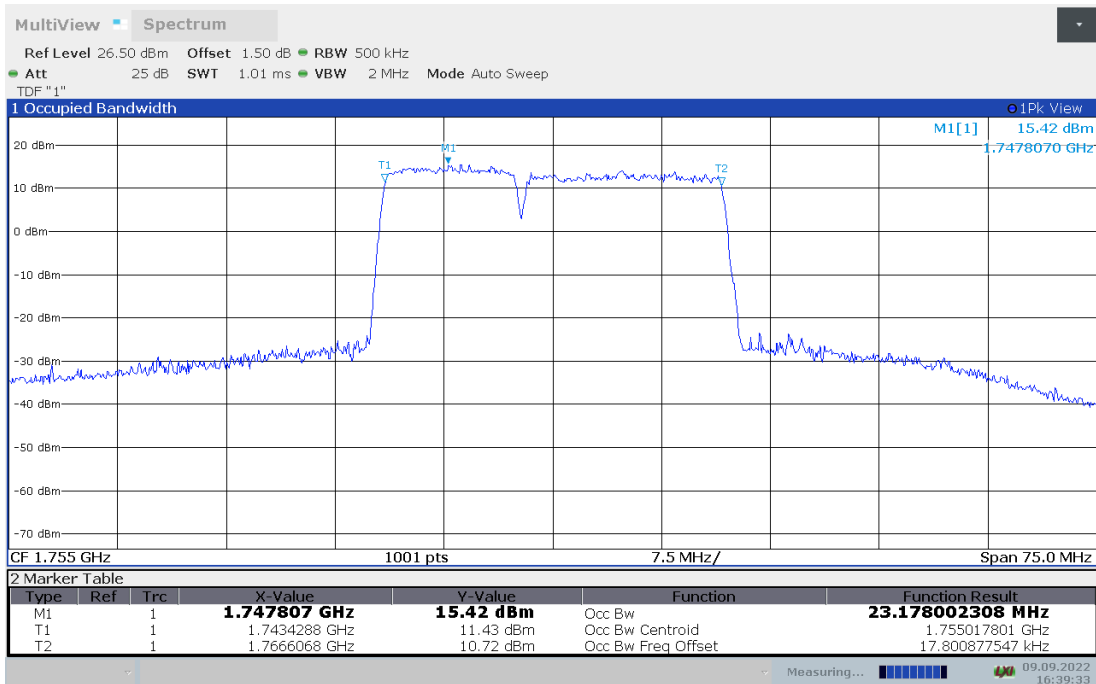
**LTE CA\_66C,10MHz+15MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	23.174	23.178	23.141

**LTE CA\_66C , 10MHz+15MHz Bandwidth,QPSK (99% BW)**

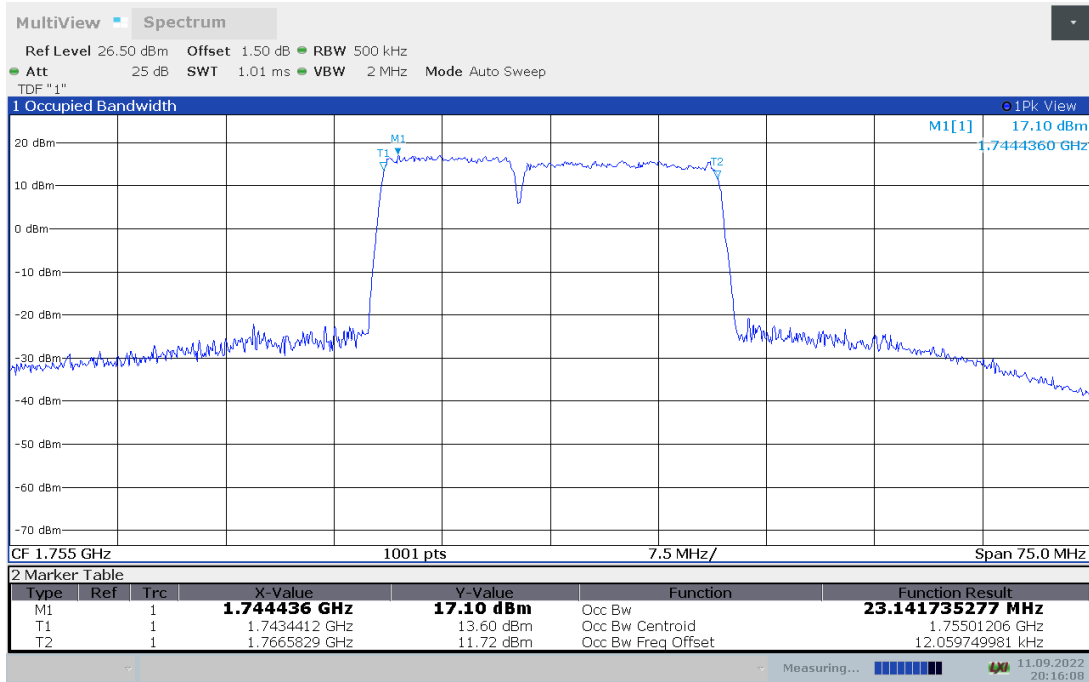


**LTE CA\_66C , 10MHz+15MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66C , 10MHz+15MHz Bandwidth,16QAM (99% BW)

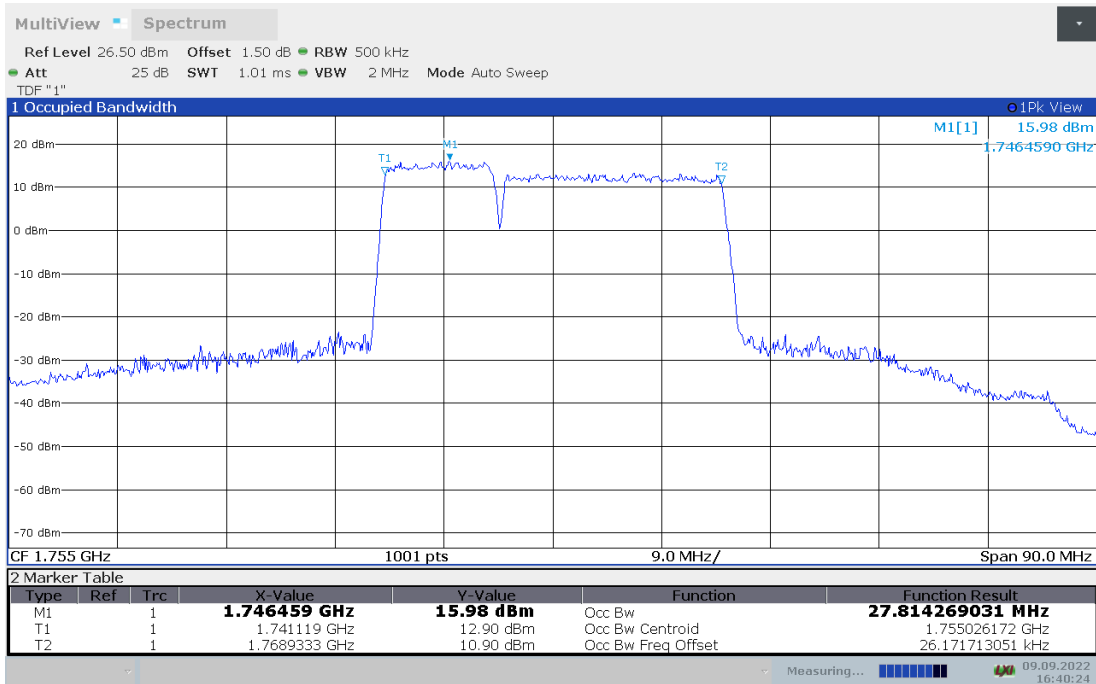




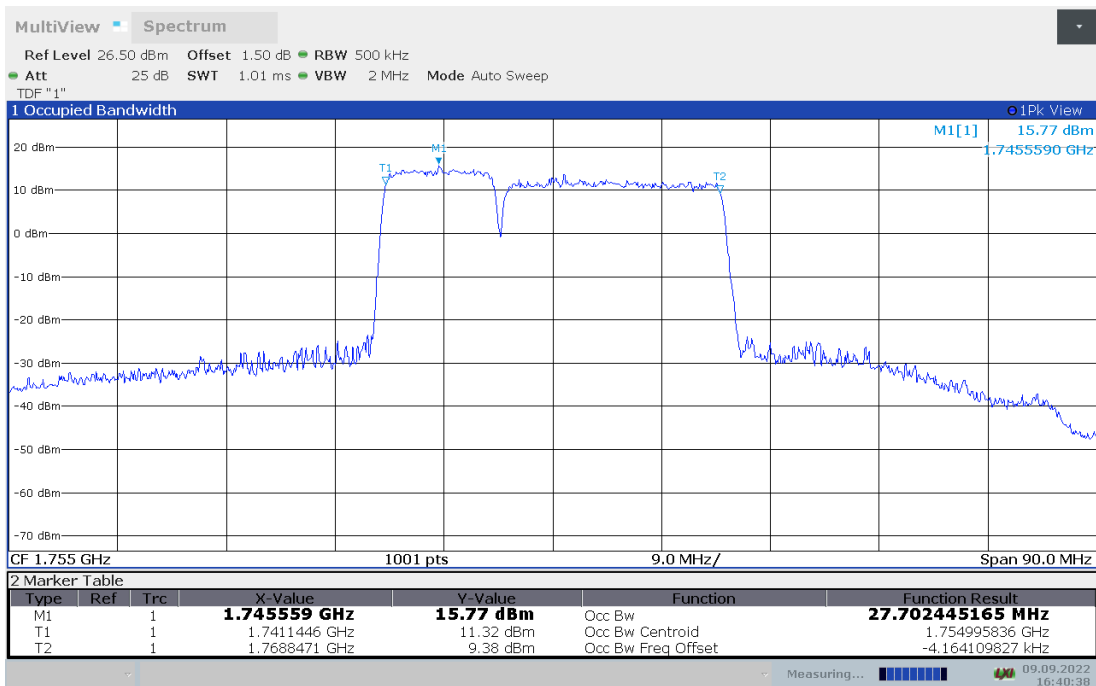
**LTE CA\_66C,10MHz+20MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	27.814	27.702	27.814

**LTE CA\_66C , 10MHz+20MHz Bandwidth,QPSK (99% BW)**

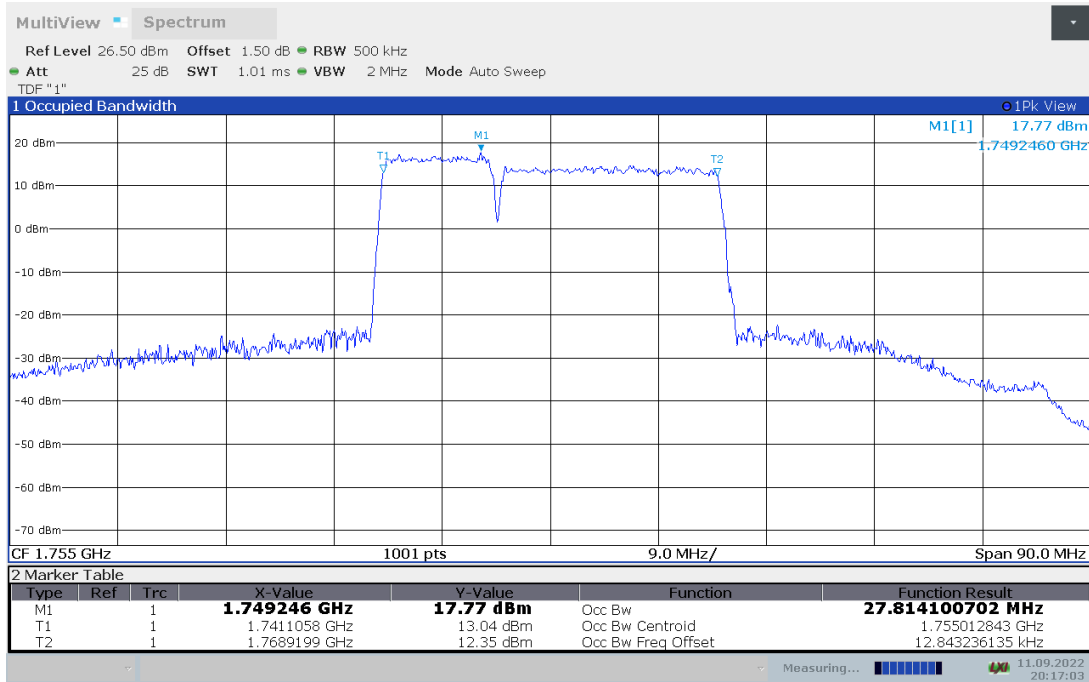


**LTE CA\_66C , 10MHz+20MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66C , 10MHz+20MHz Bandwidth, 64QAM (99% BW)



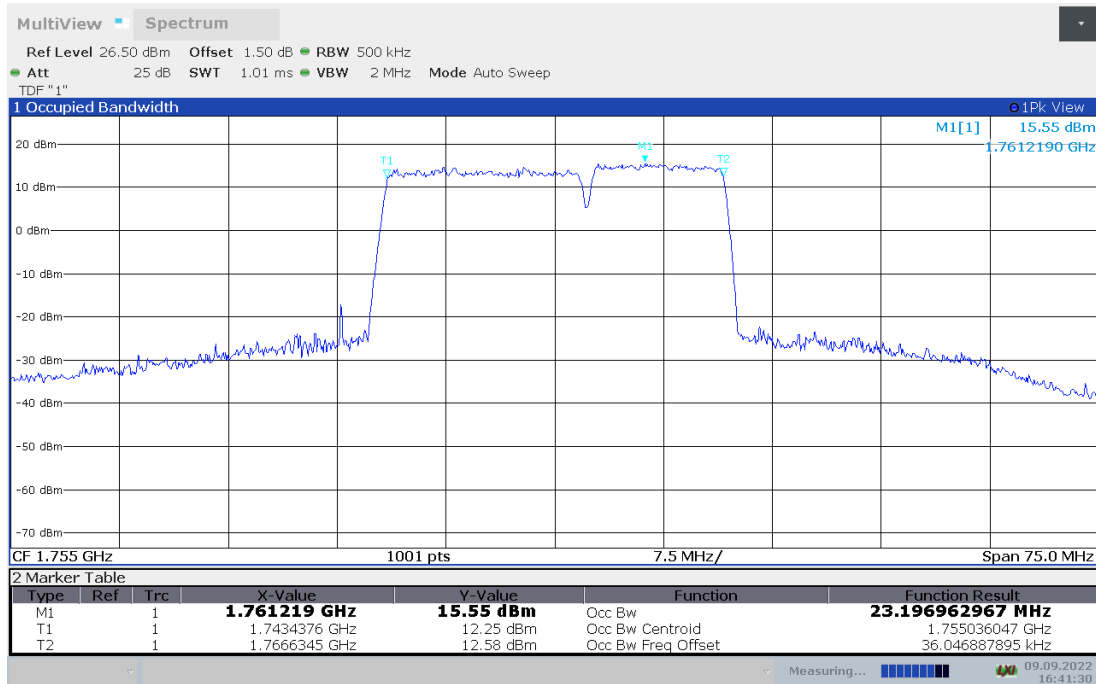




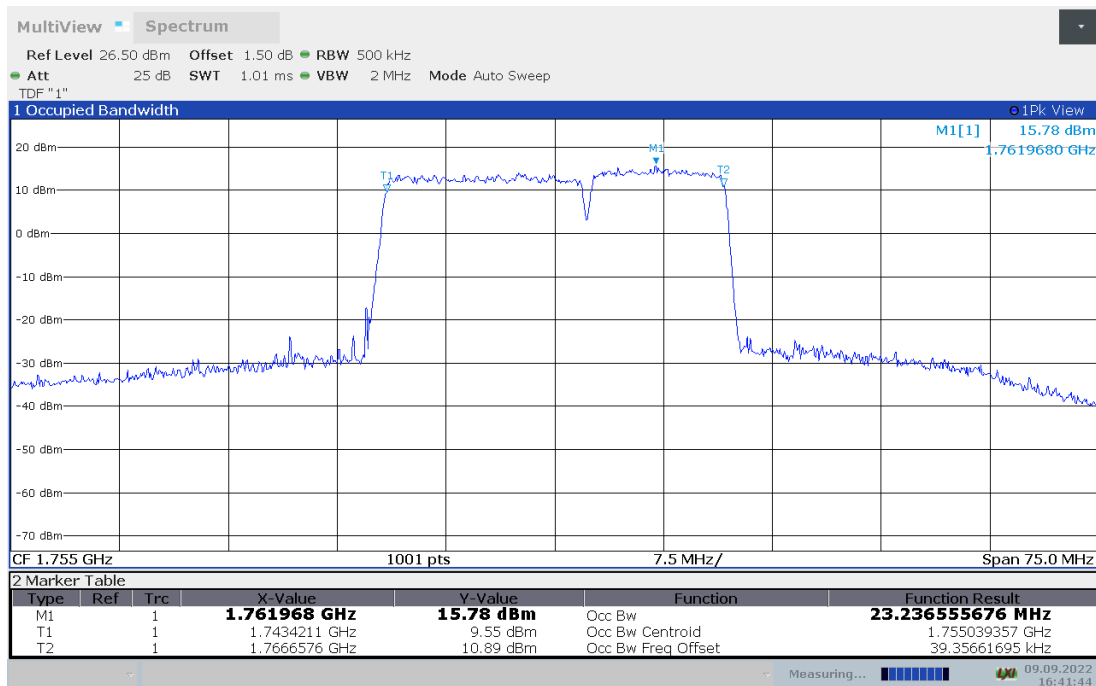
**LTE CA\_66C,15MHz+10MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	23.197	23.237	23.216

**LTE CA\_66C , 15MHz+10MHz Bandwidth,QPSK (99% BW)**

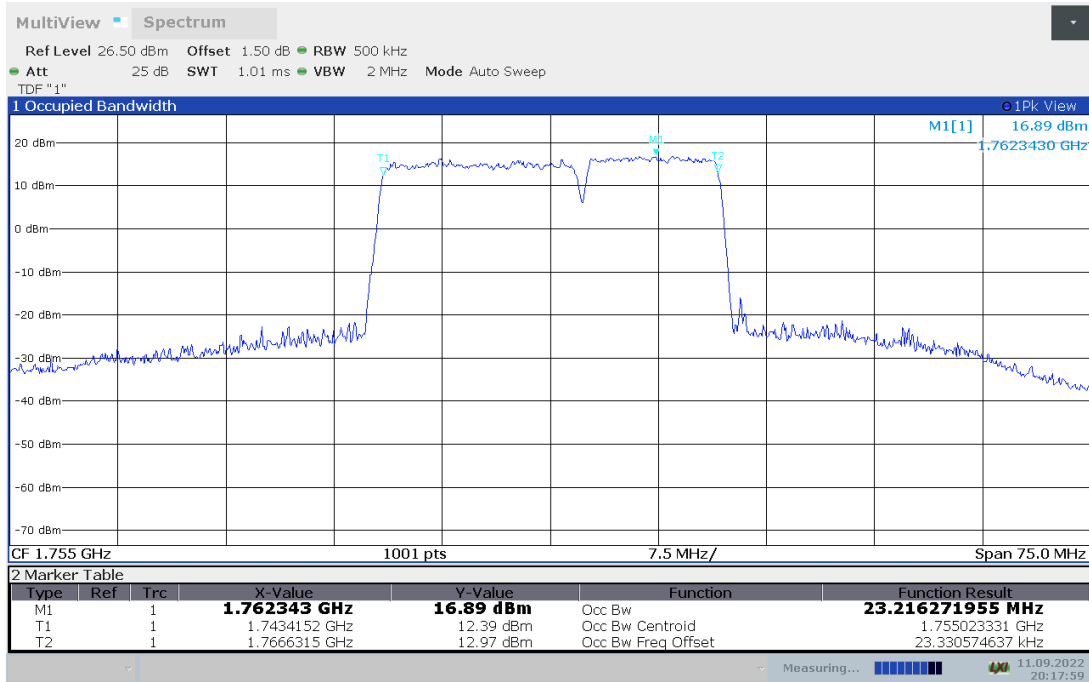


**LTE CA\_66C , 15MHz+10MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66C , 15MHz+10MHz Bandwidth, 64QAM (99% BW)

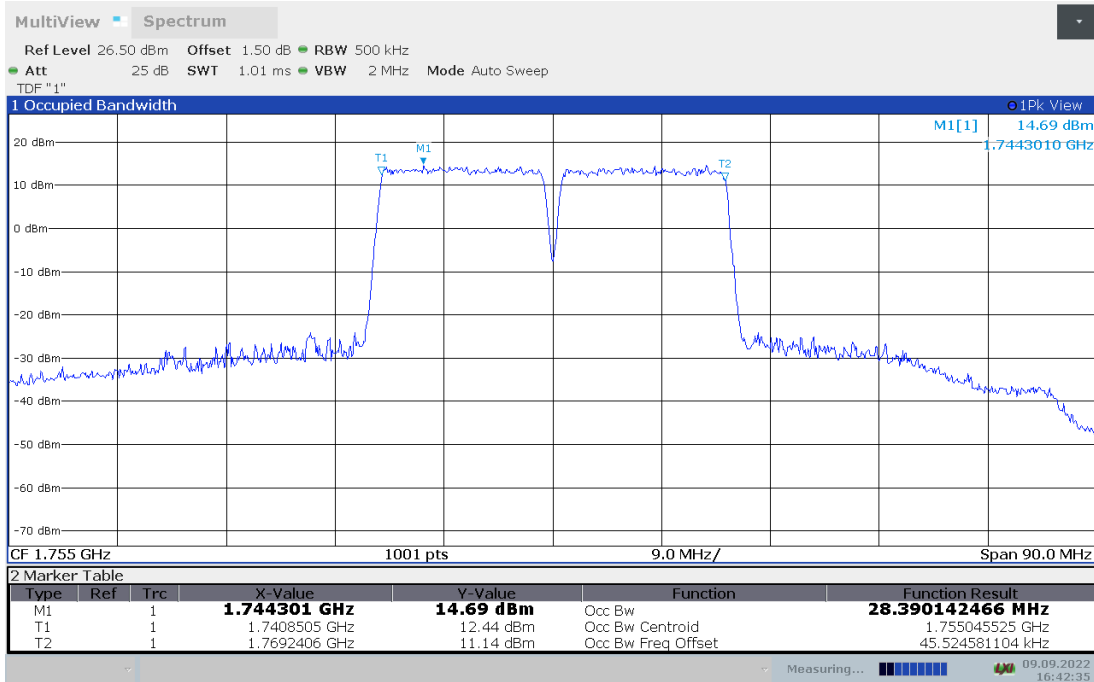




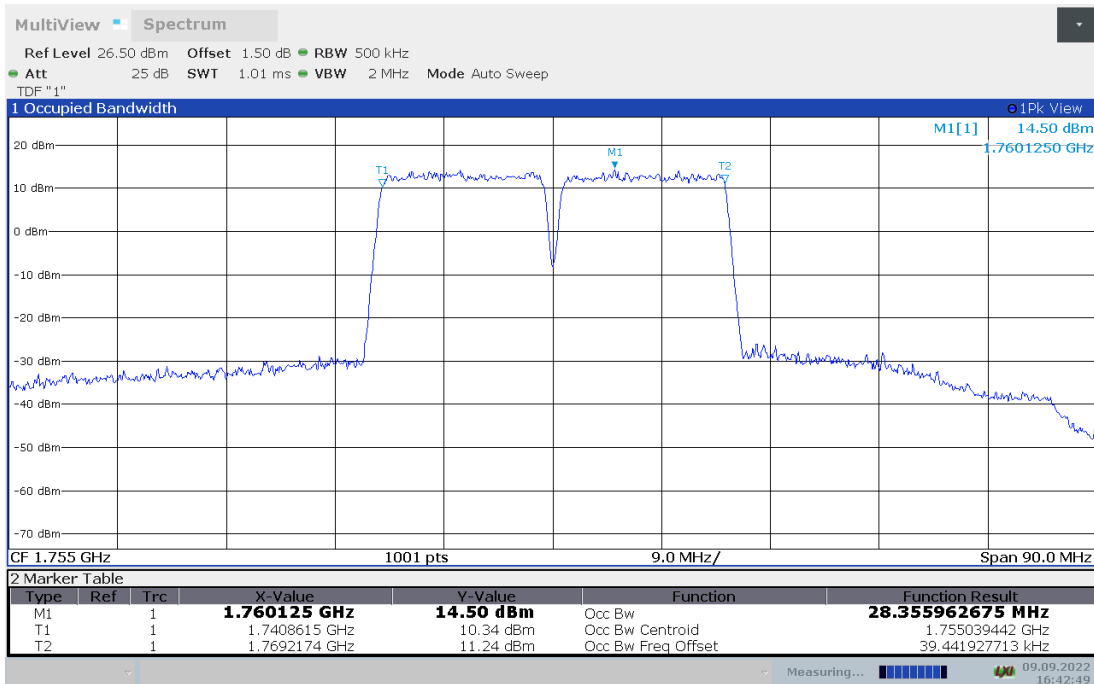
**LTE CA\_66C,15MHz+15MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	28.390	28.356	28.355

**LTE CA\_66C , 15MHz+15MHz Bandwidth,QPSK (99% BW)**

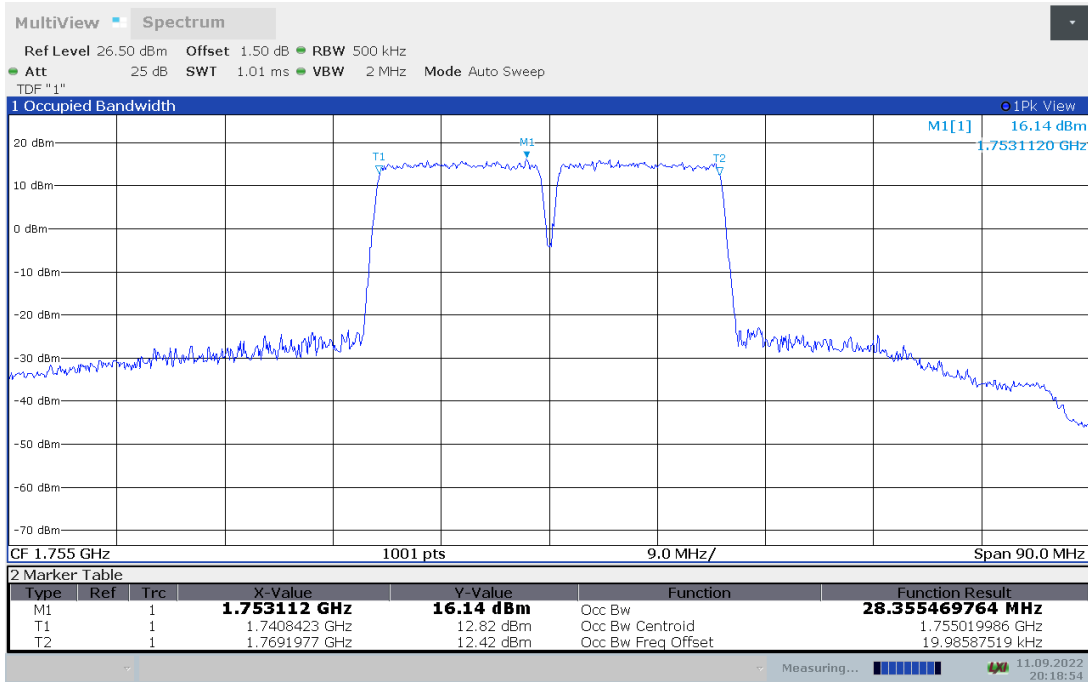


**LTE CA\_66C , 15MHz+15MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66C , 15MHz+15MHz Bandwidth, 64QAM (99% BW)

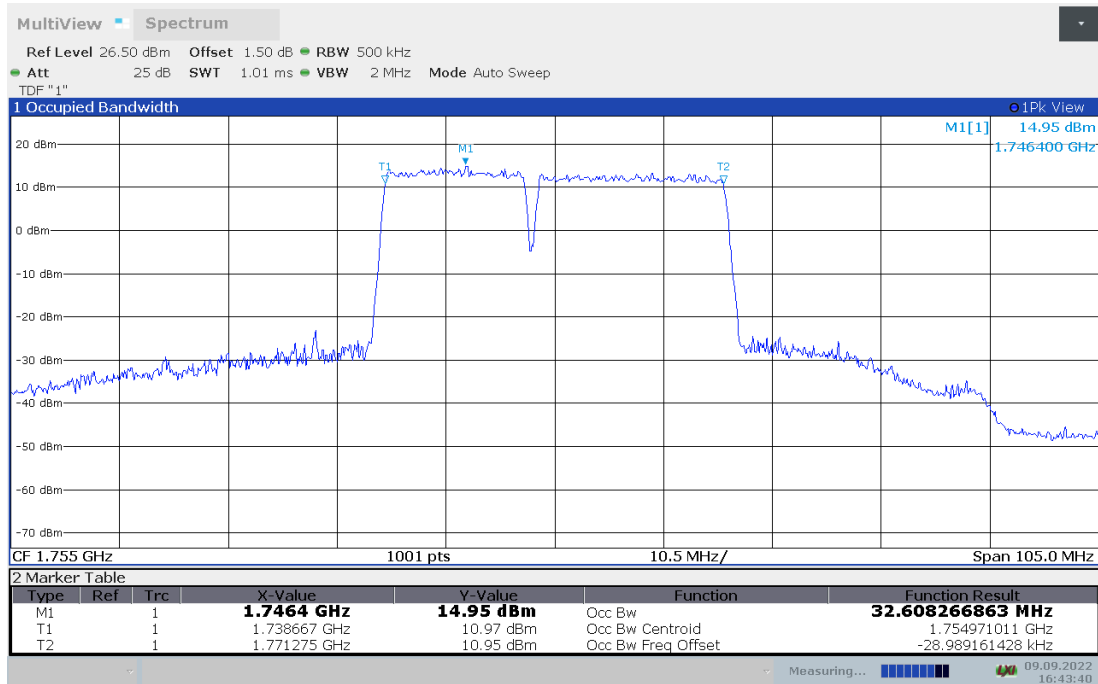




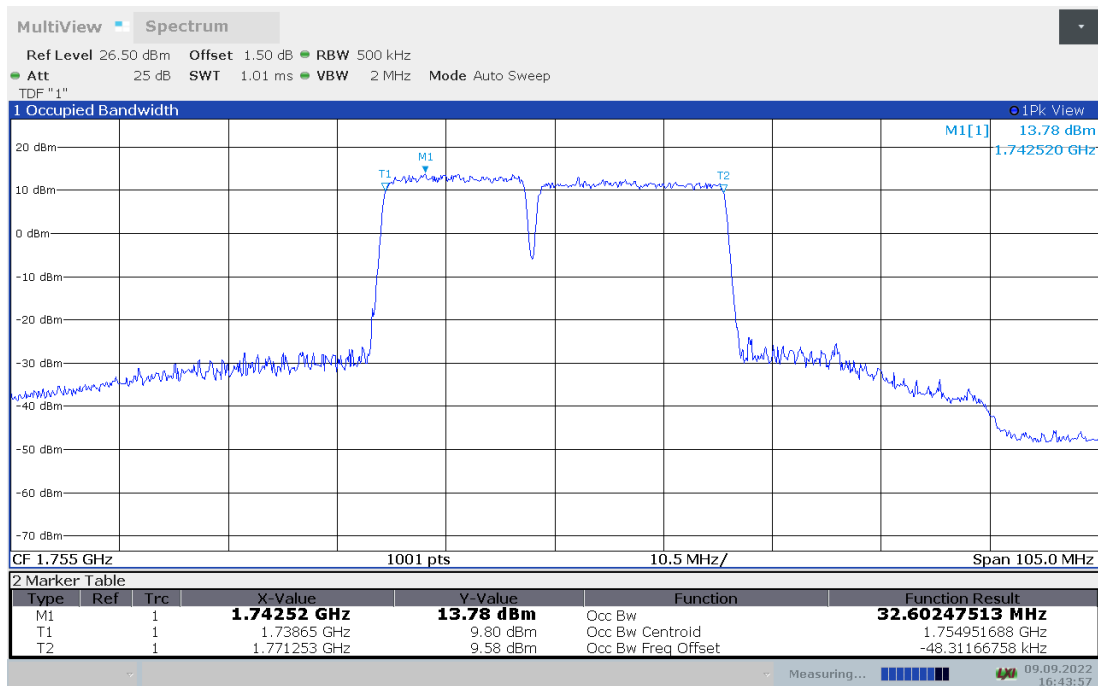
**LTE CA\_66C,15MHz+20MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	32.608	32.602	32.658

**LTE CA\_66C , 15MHz+20MHz Bandwidth,QPSK (99% BW)**

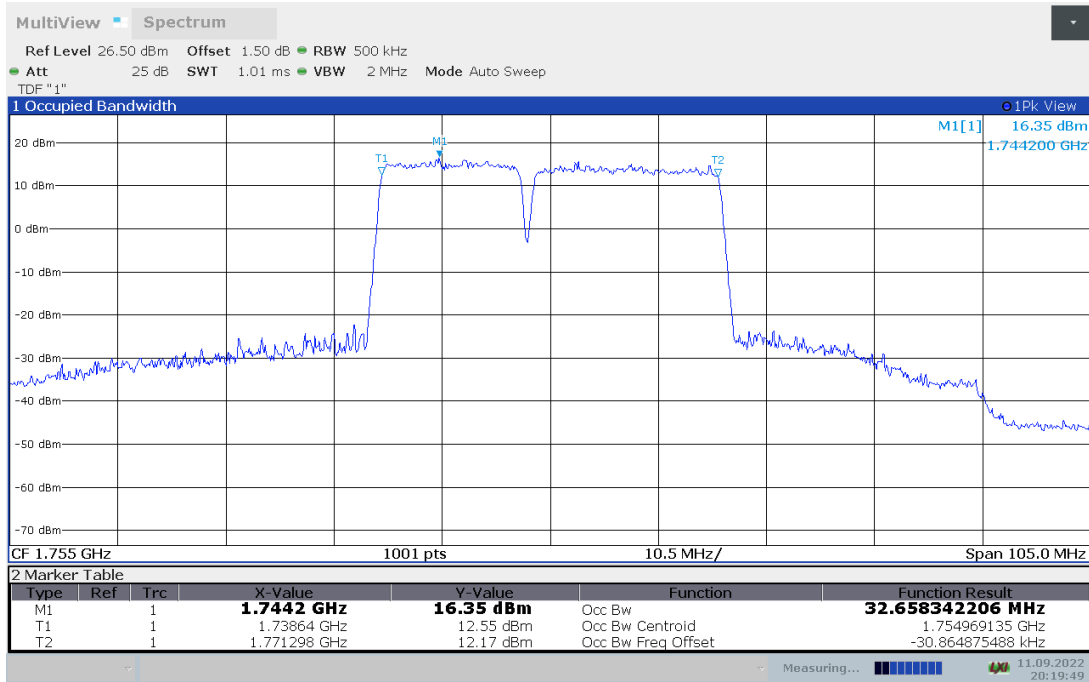


**LTE CA\_66C , 15MHz+20MHz Bandwidth,16QAM (99% BW)**





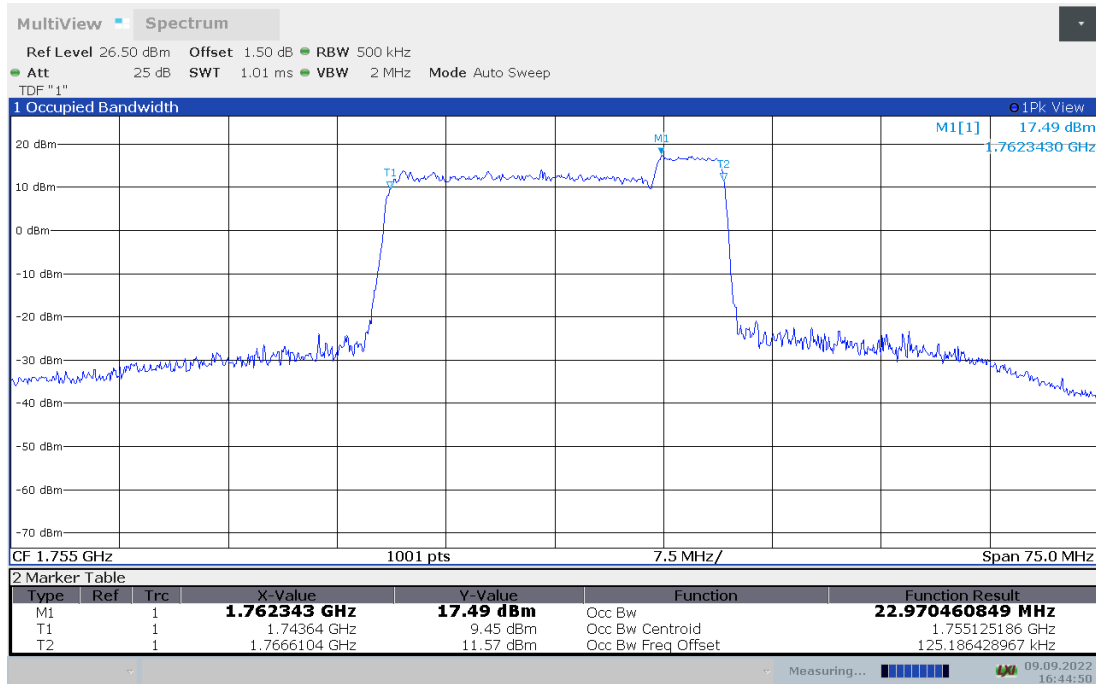
LTE CA\_66C , 15MHz+20MHz Bandwidth, 64QAM (99% BW)



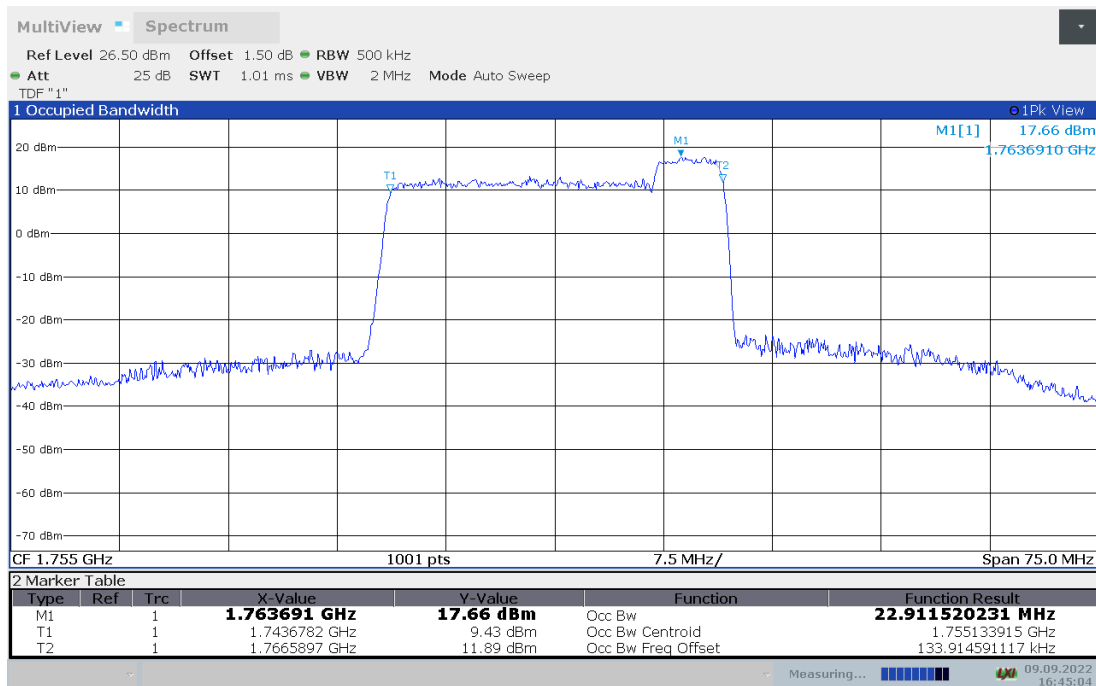
**LTE CA\_66C,20MHz+5MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	22.970	22.912	23.004

**LTE CA\_66C , 20MHz+5MHz Bandwidth,QPSK (99% BW)**

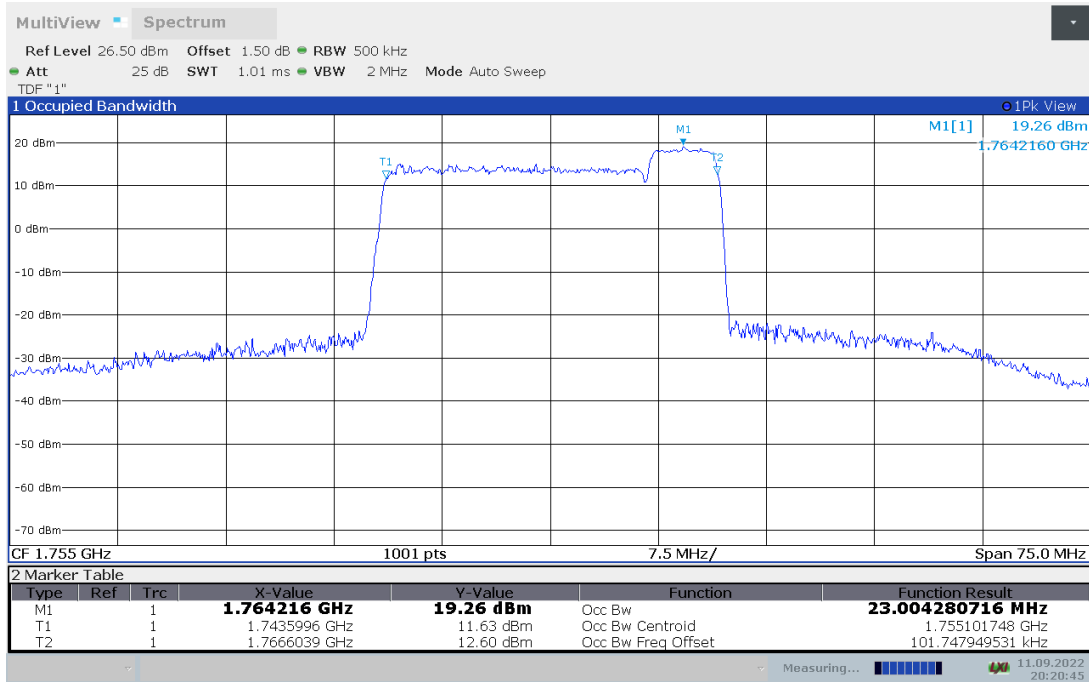


**LTE CA\_66C , 20MHz+5MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66C , 20MHz+5MHz Bandwidth, 64QAM (99% BW)



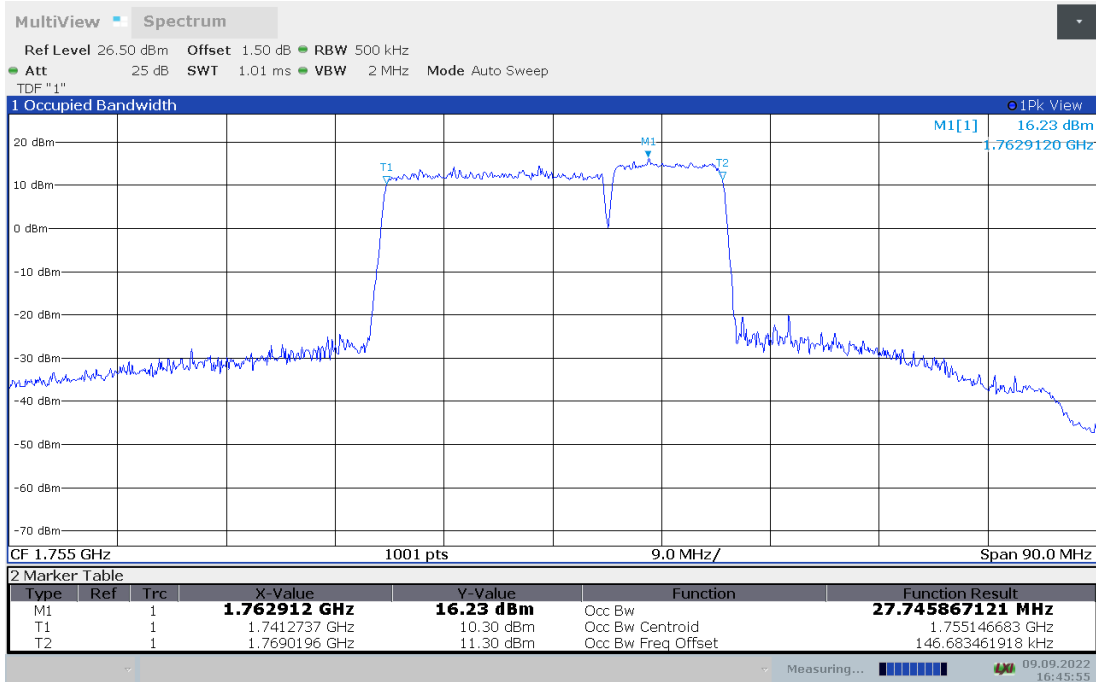




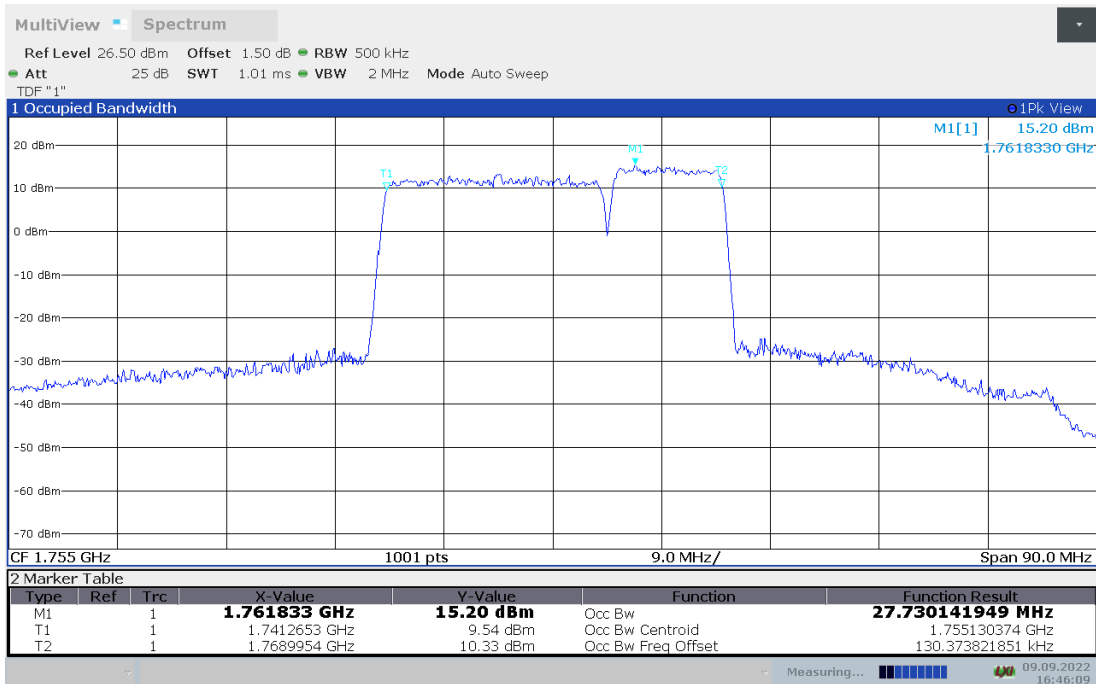
**LTE CA\_66C,20MHz+10MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	27.746	27.730	27.791

**LTE CA\_66C , 20MHz+10MHz Bandwidth,QPSK (99% BW)**

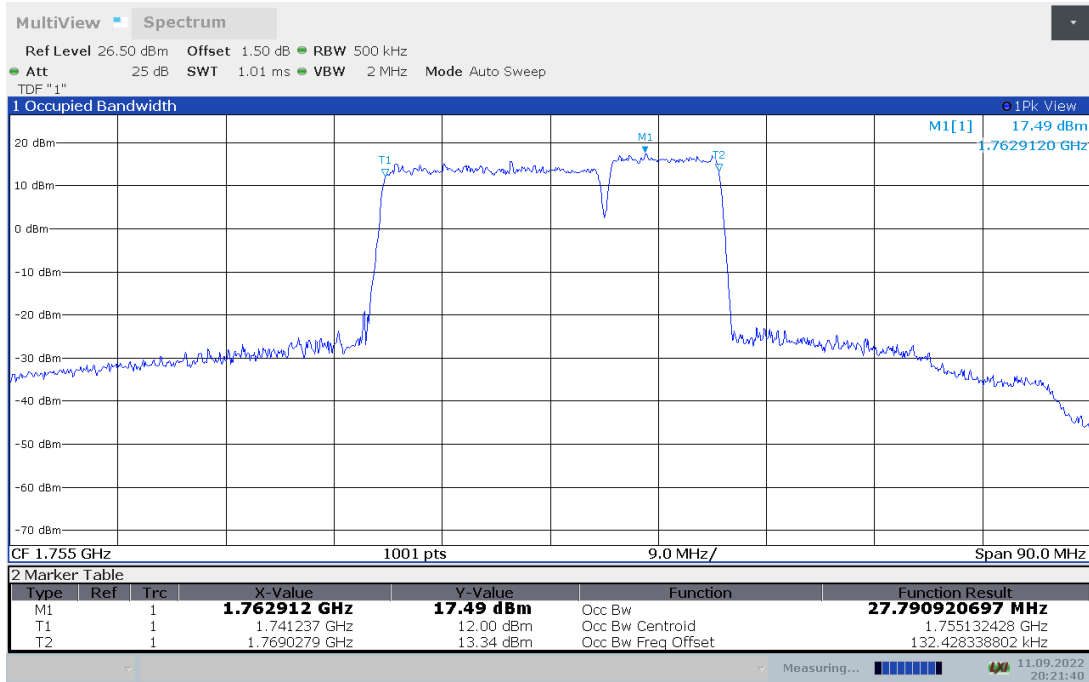


**LTE CA\_66C , 20MHz+10MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66C , 20MHz+10MHz Bandwidth, 64QAM (99% BW)

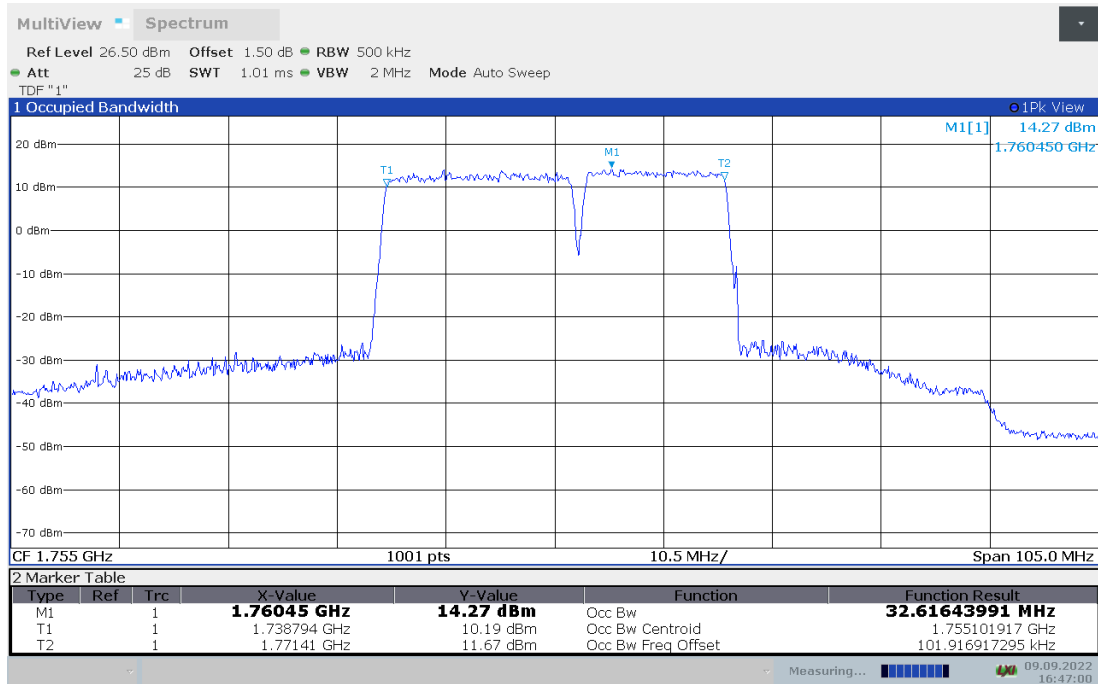




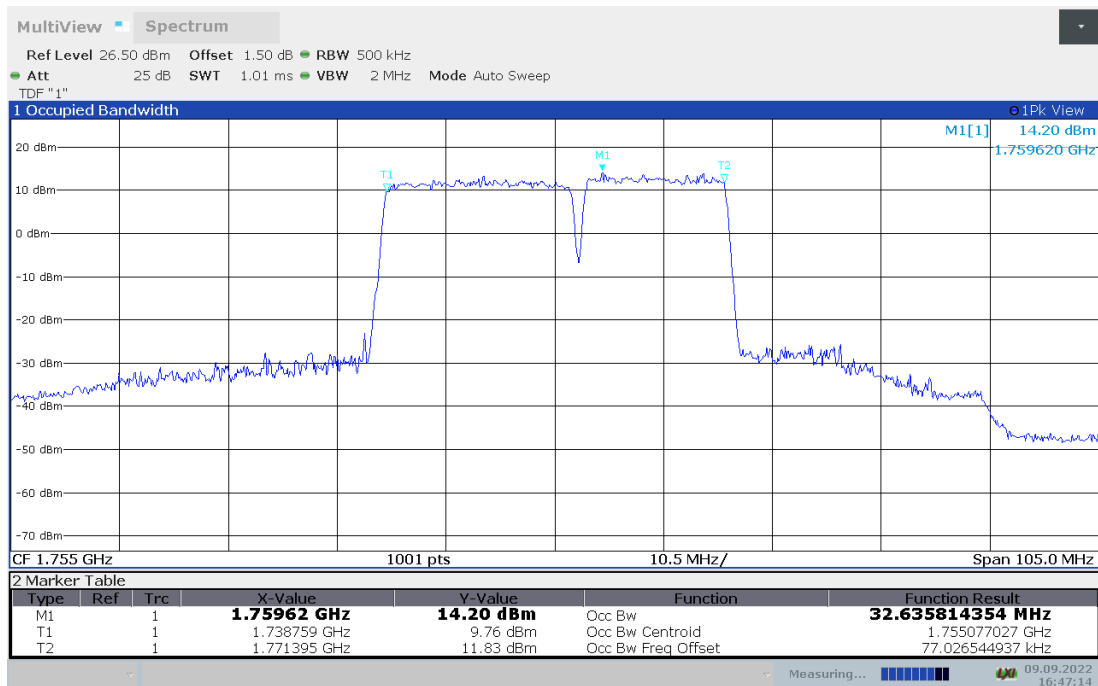
**LTE CA\_66C,20MHz+15MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	32.616	32.636	32.624

**LTE CA\_66C , 20MHz+15MHz Bandwidth,QPSK (99% BW)**

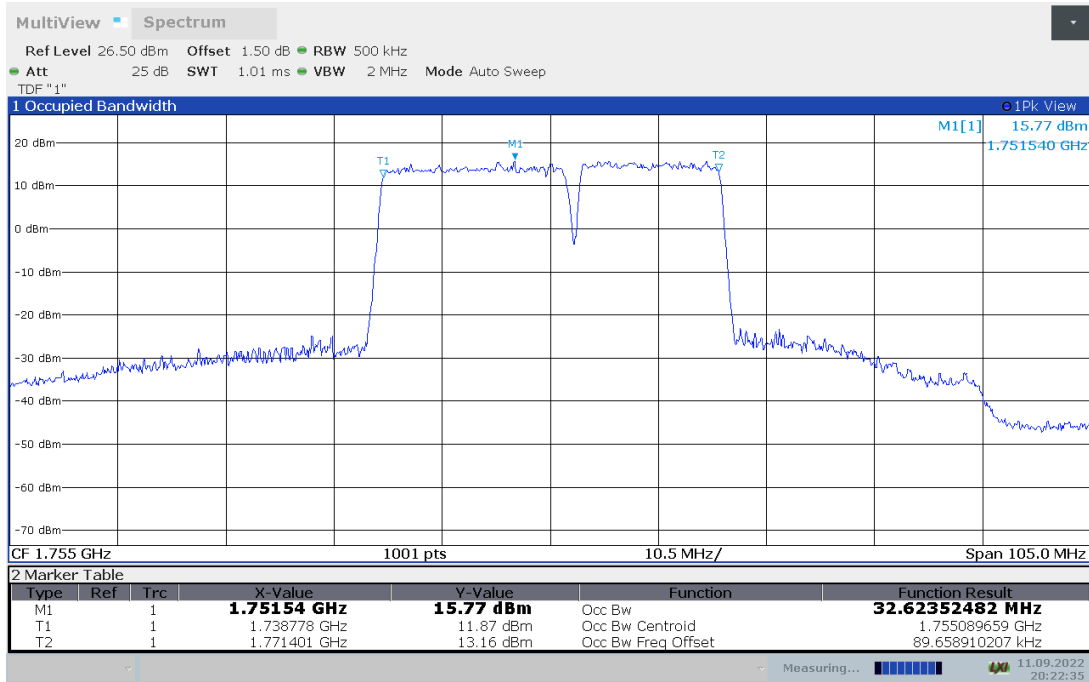


**LTE CA\_66C , 20MHz+15MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66C , 20MHz+15MHz Bandwidth, 64QAM (99% BW)

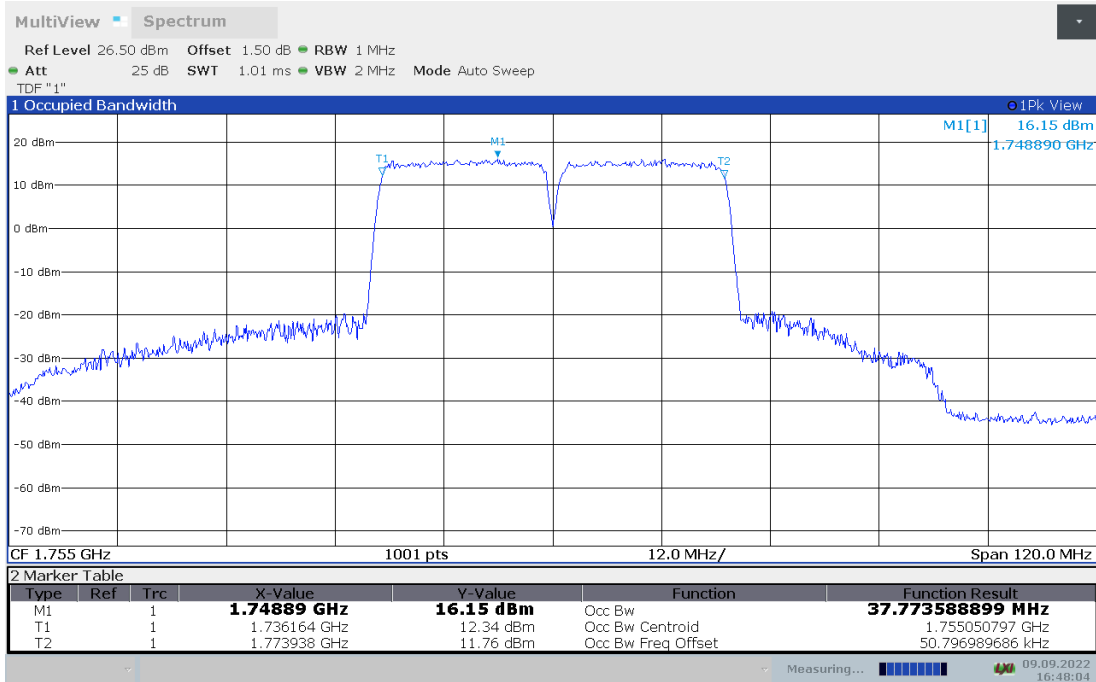




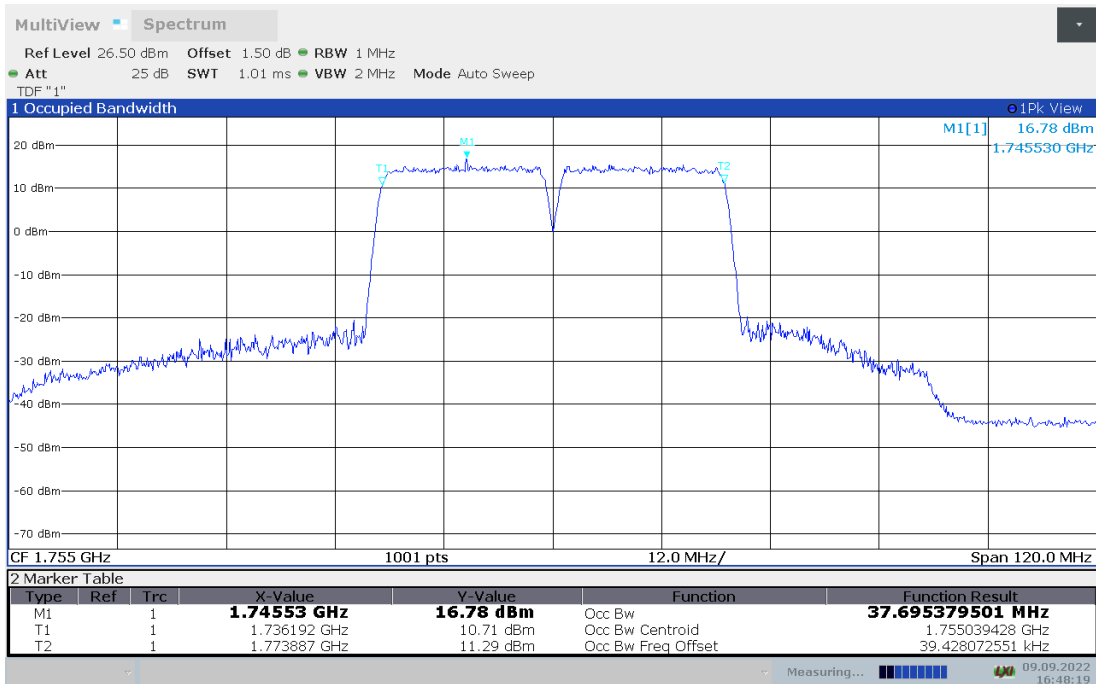
**LTE CA\_66C,20MHz+20MHz(99% BW)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
1755	37.774	37.695	37.787

**LTE CA\_66C , 20MHz+20MHz Bandwidth,QPSK (99% BW)**

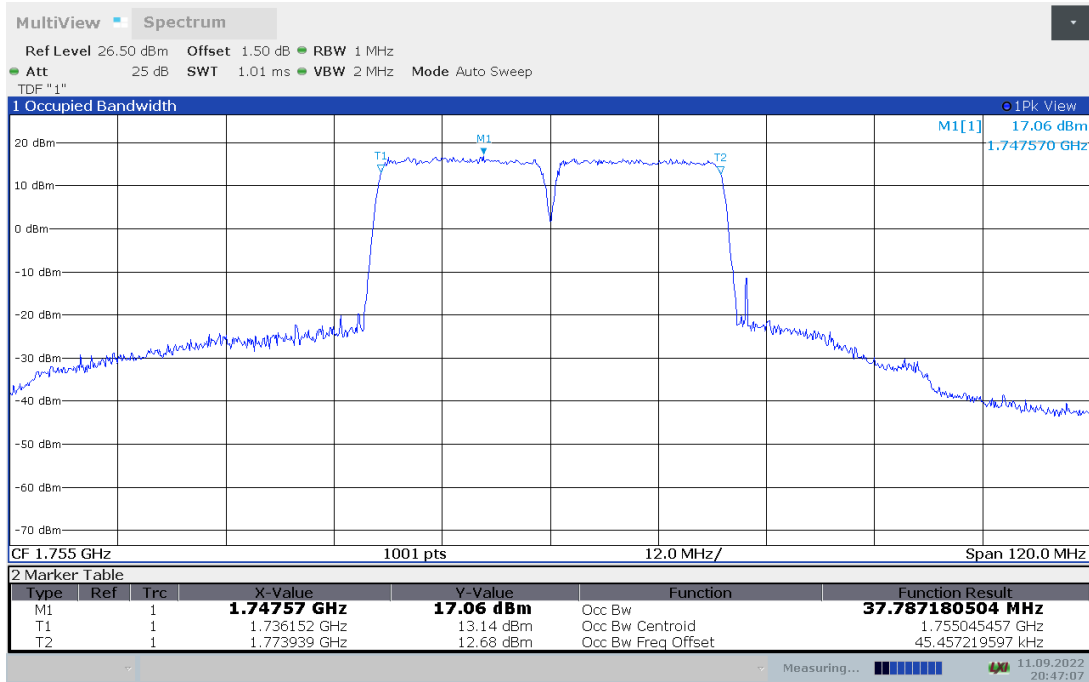


**LTE CA\_66C , 20MHz+20MHz Bandwidth,16QAM (99% BW)**





LTE CA\_66C , 20MHz+20MHz Bandwidth, 64QAM (99% BW)



Note: Expanded measurement uncertainty is  $U = 0.49\text{dB}(100\text{kHz}-2\text{GHz})/1.21\text{dB}(2\text{GHz}-26.5\text{GHz})$ ,  $k = 1.96$

**A.4 EMISSION BANDWIDTH**

**Reference**

FCC: CFR Part 2.1049, 22.917, 24.238, 27.53.

**A.4.1 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  $10\log(OBW / RBW)$  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.

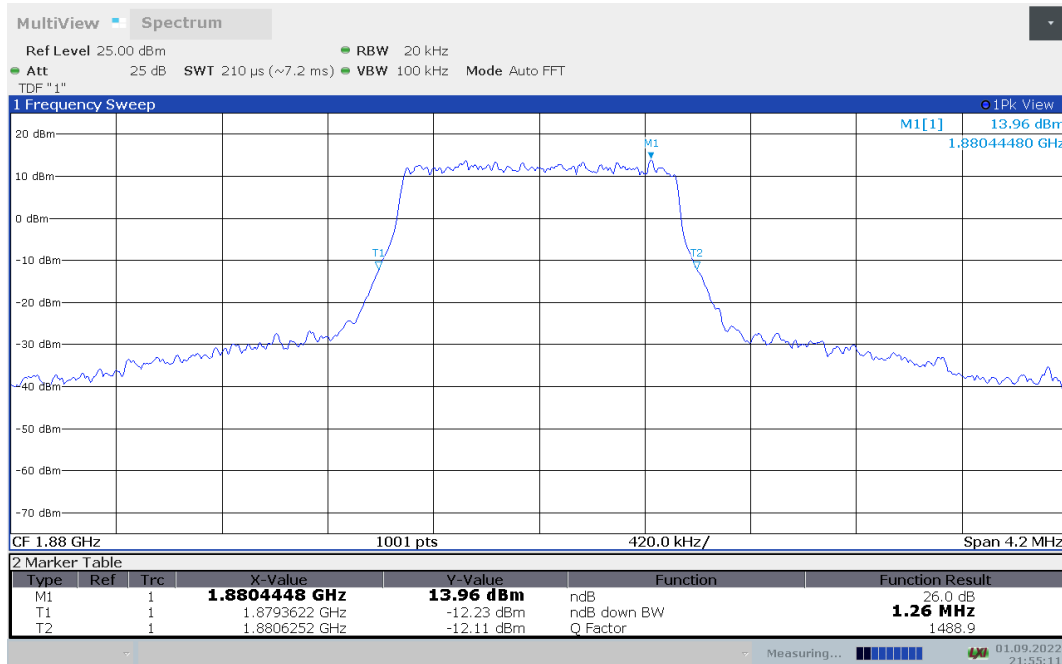
**A.4.2 Emission Bandwidth Results**

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.

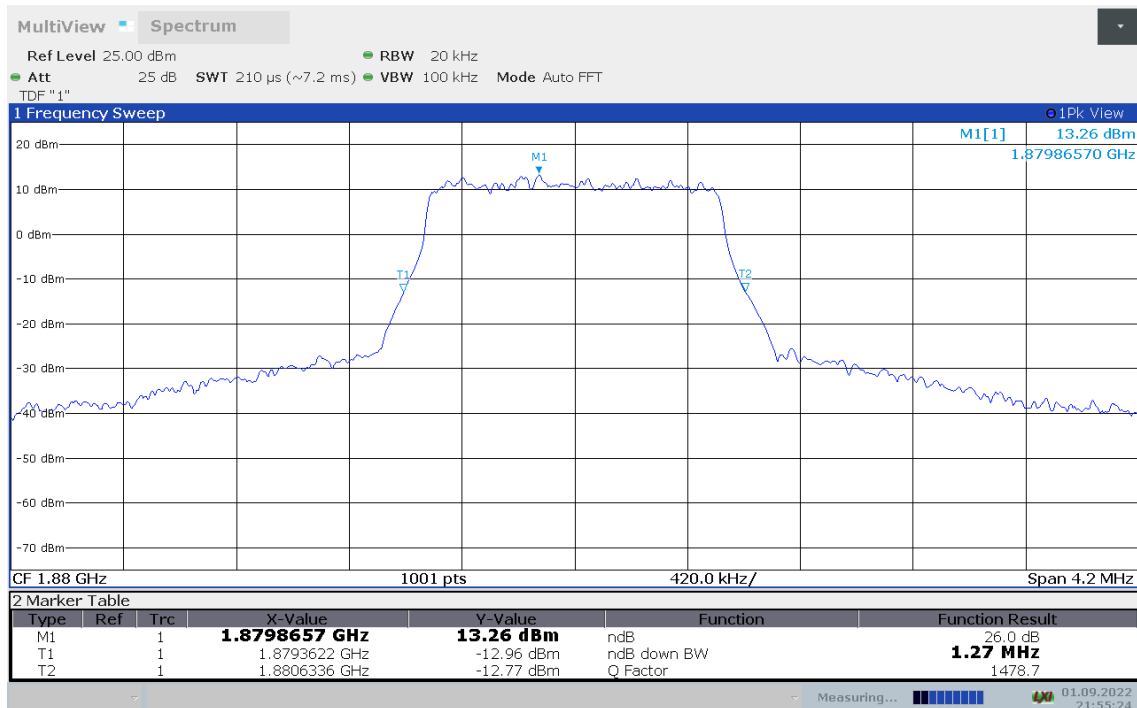
**LTE band 2, 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	1.26	1.27	1.27

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

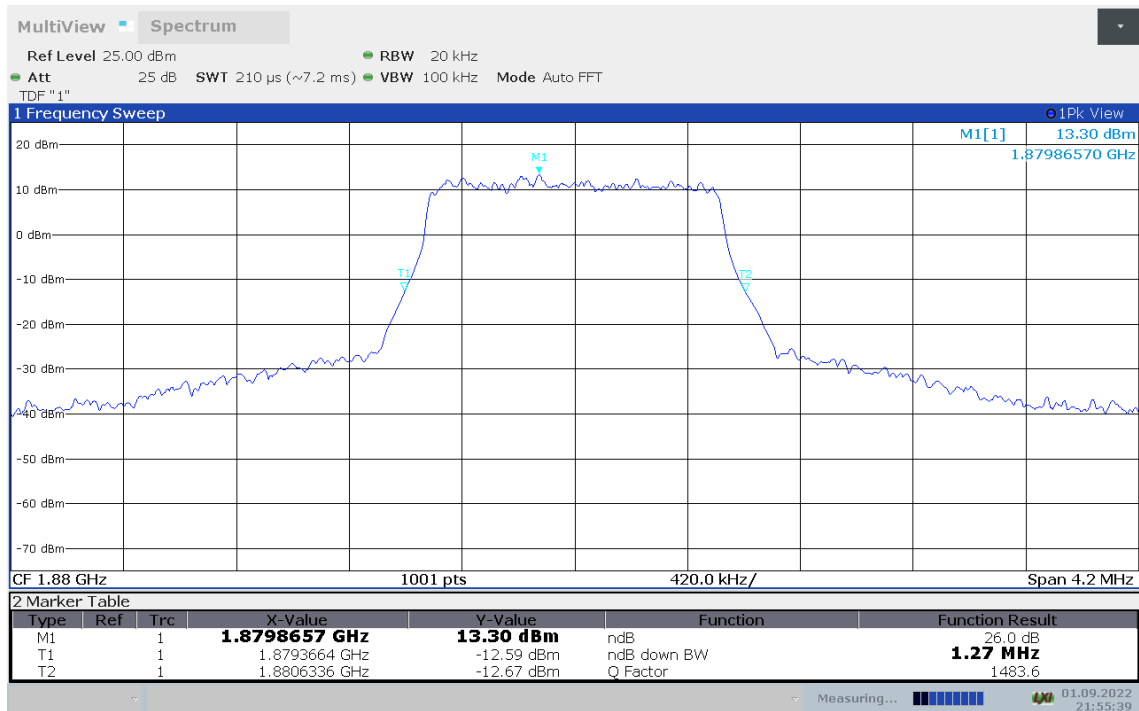


LTE band 2, 1.4MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 2, 1.4MHz Bandwidth, 64QAM (-26dBc BW)



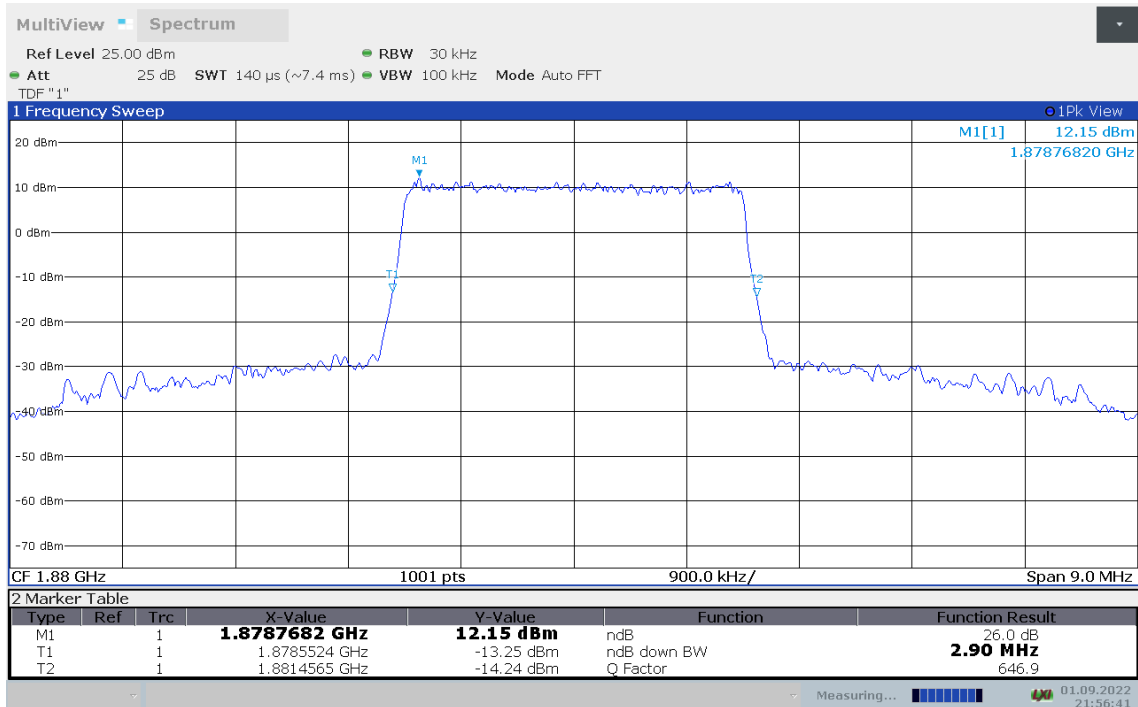




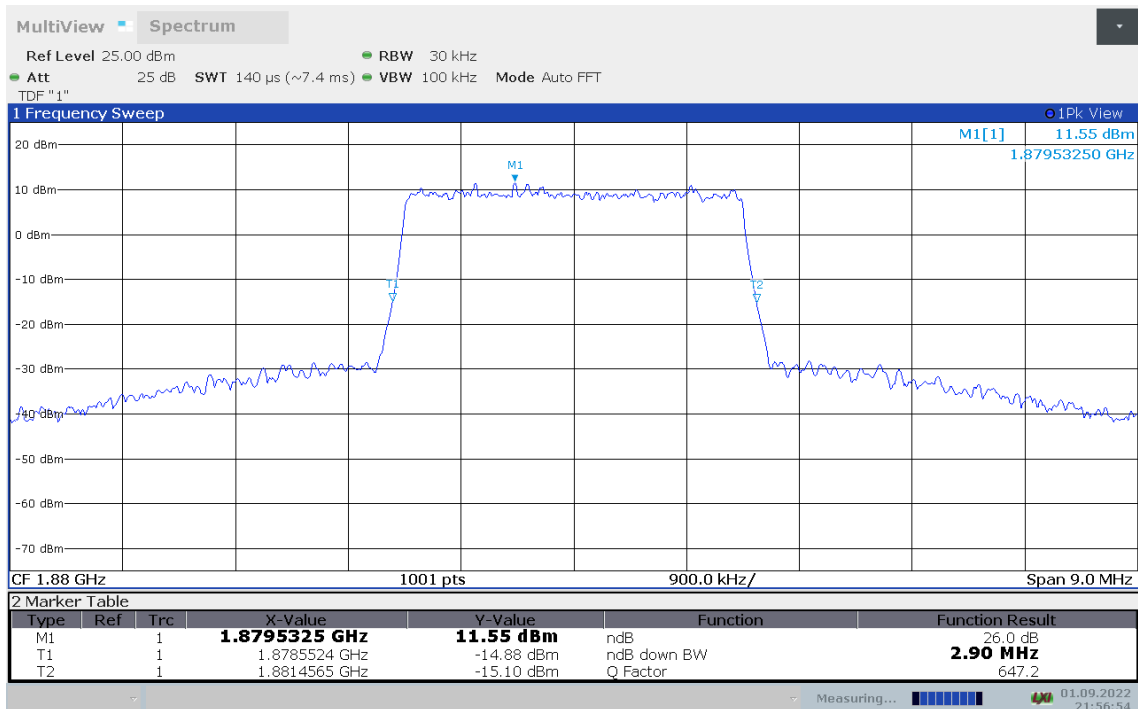
**LTE band 2, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	2.90	2.90	2.90

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

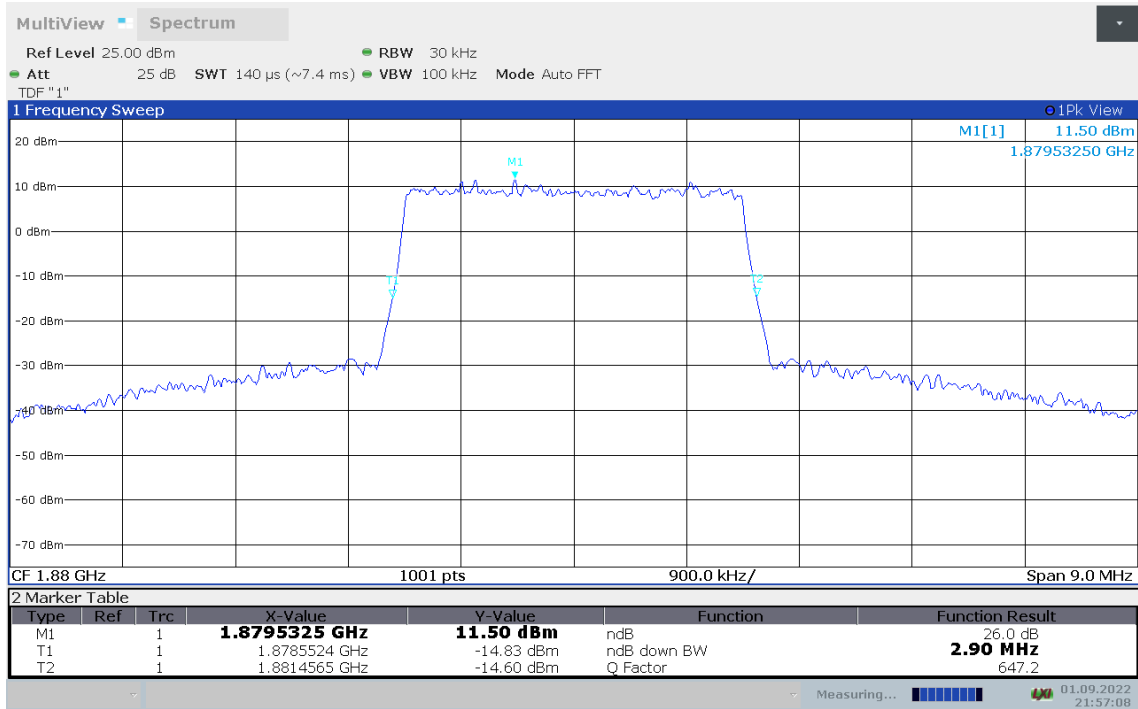


**LTE band 2, 3MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 2, 3MHz Bandwidth, 64QAM (-26dBc BW)

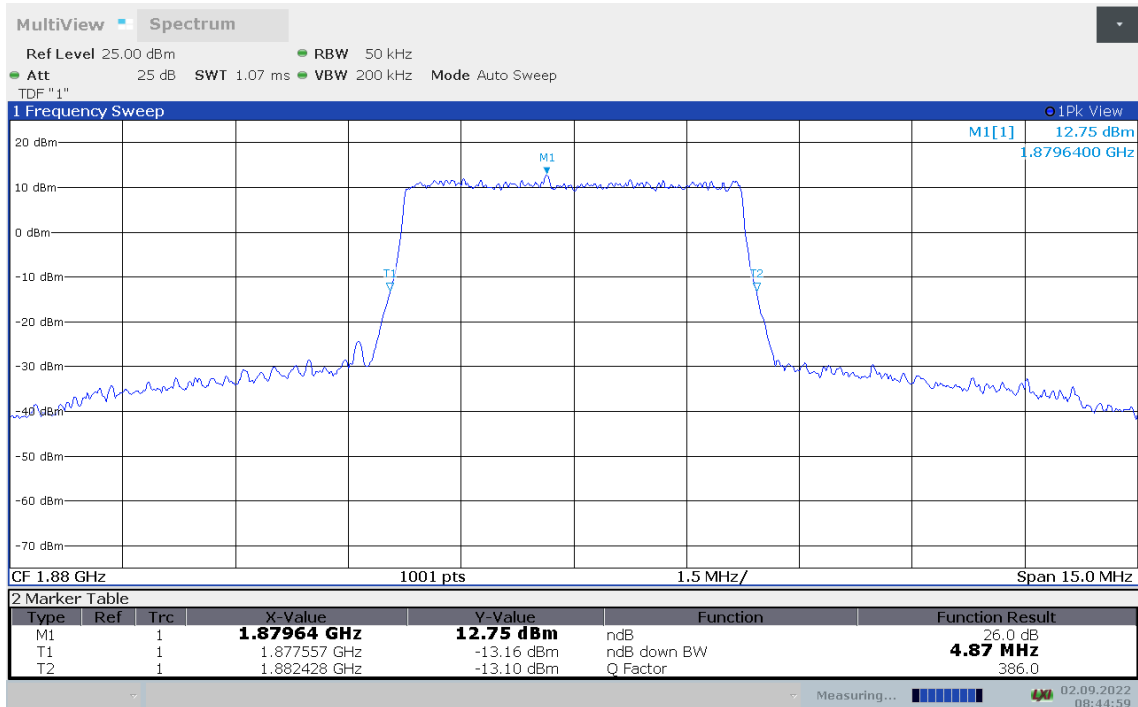




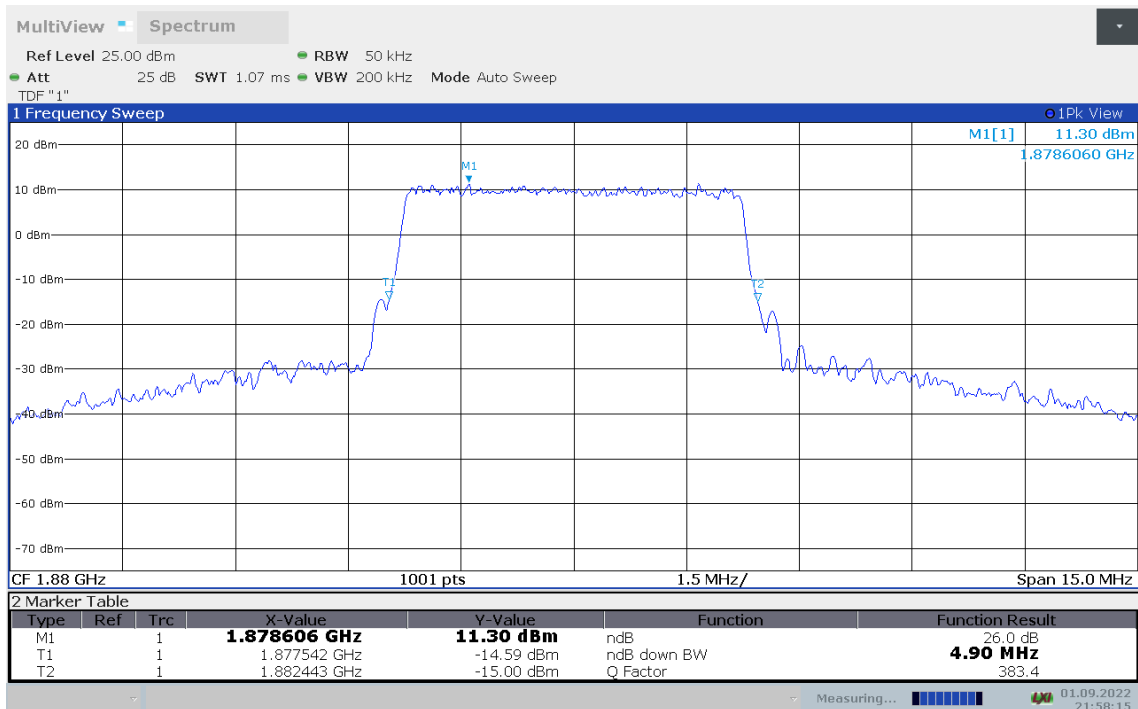
**LTE band 2, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	4.87	4.90	4.90

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

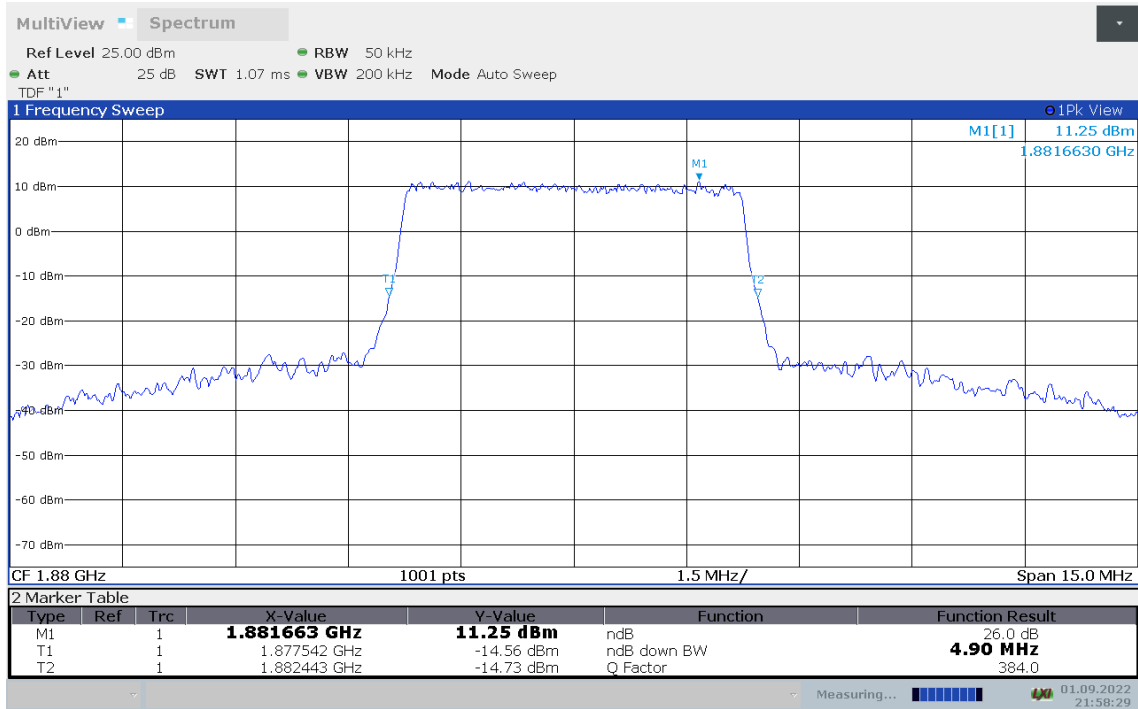


**LTE band 2, 5MHz Bandwidth,16QAM (-26dBc BW)**





**LTE band 2, 5MHz Bandwidth,64QAM (-26dBc BW)**

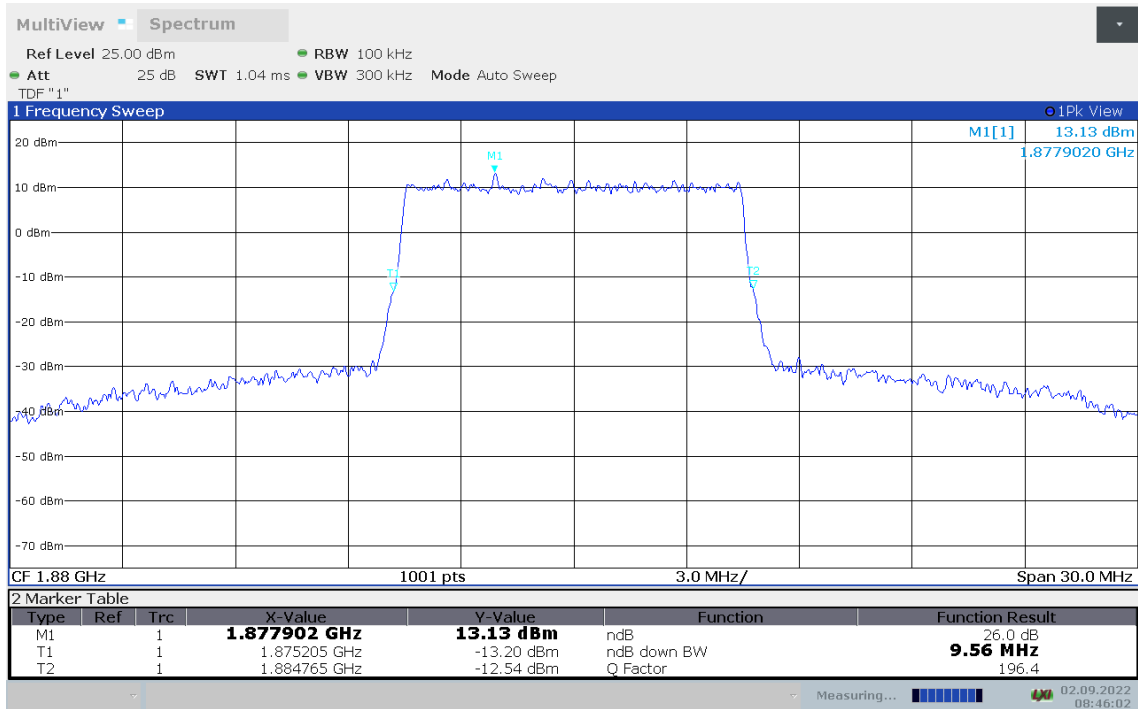




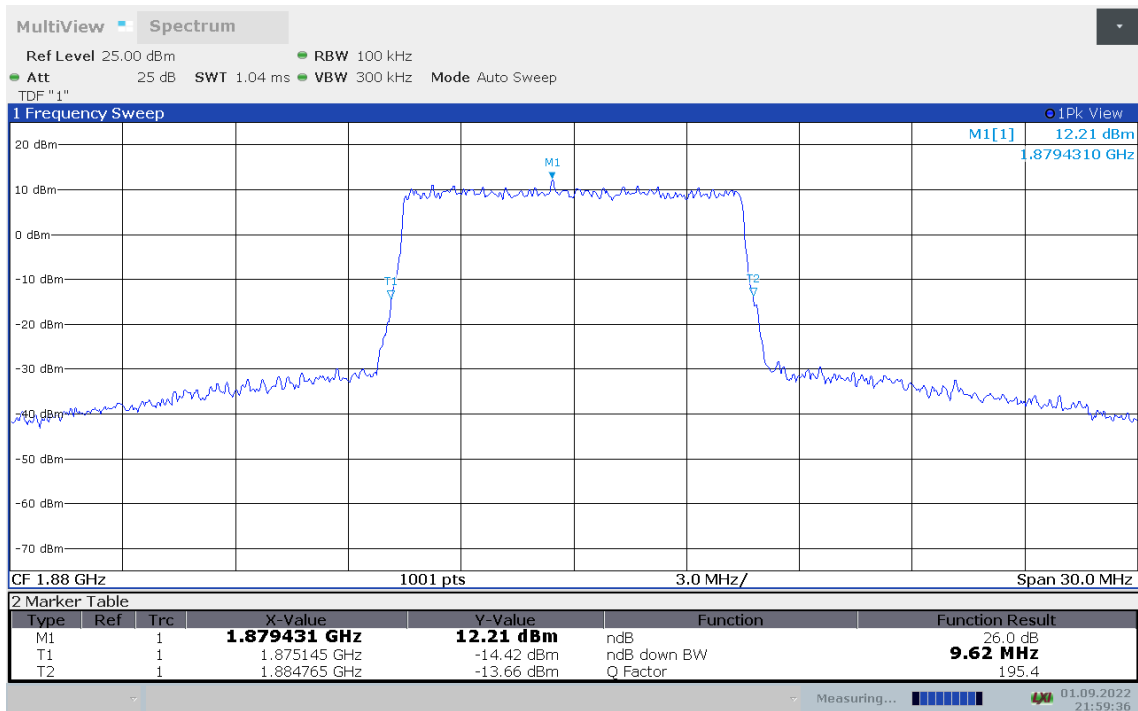
**LTE band 2, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	9.56	9.62	9.56

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

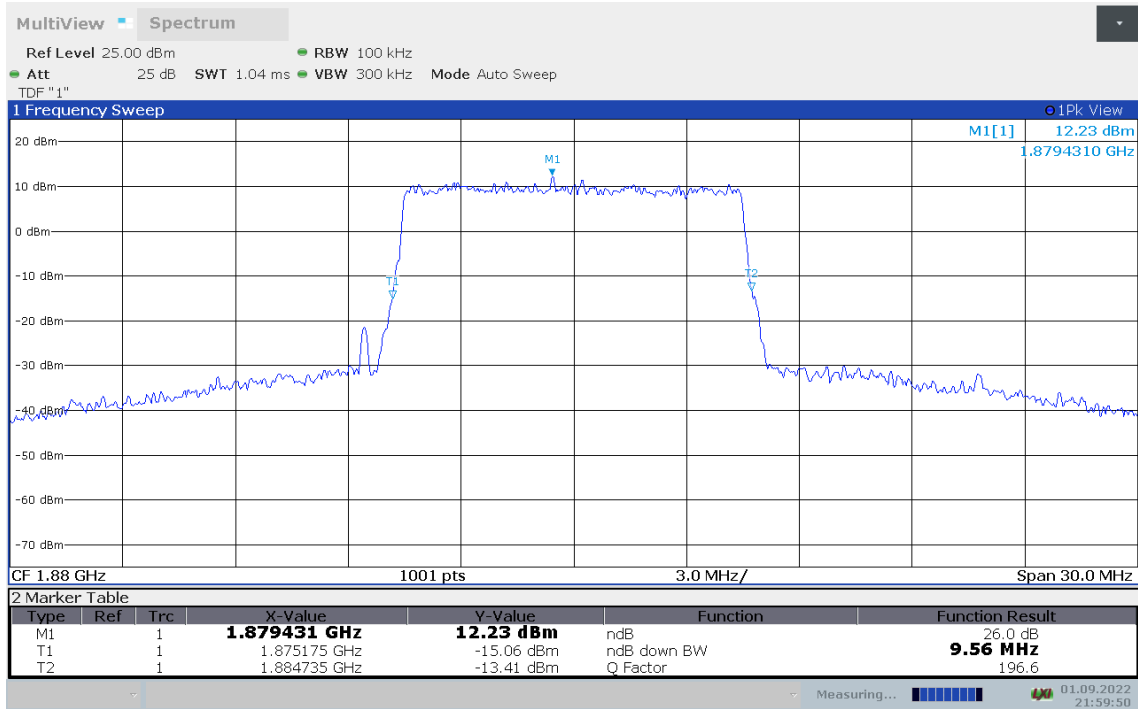


**LTE band 2, 10MHz Bandwidth, 16QAM (-26dBc BW)**





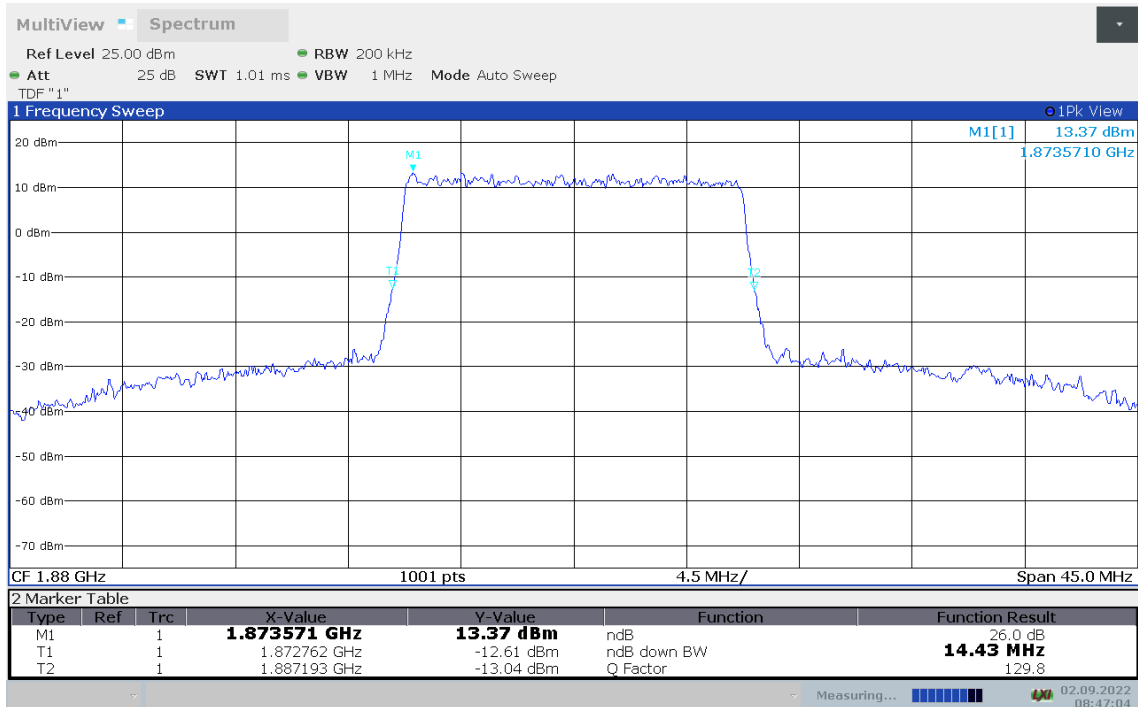
LTE band 2, 10MHz Bandwidth, 64QAM (-26dBc BW)



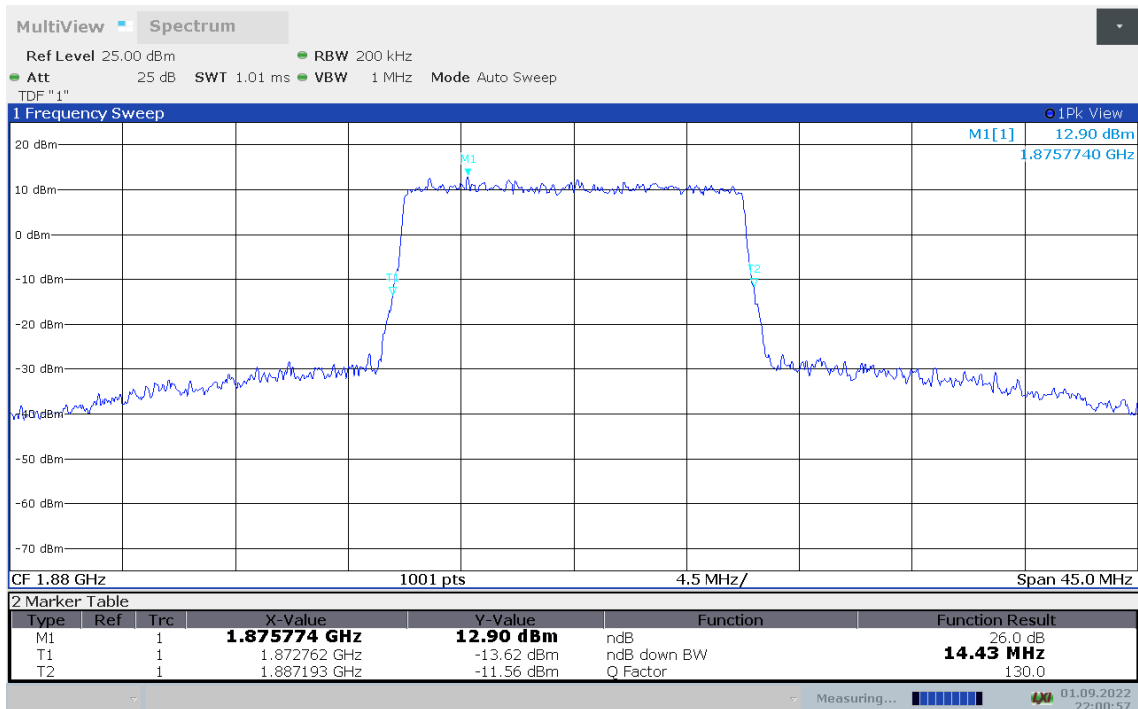
**LTE band 2, 15MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	14.43	14.43	14.43

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



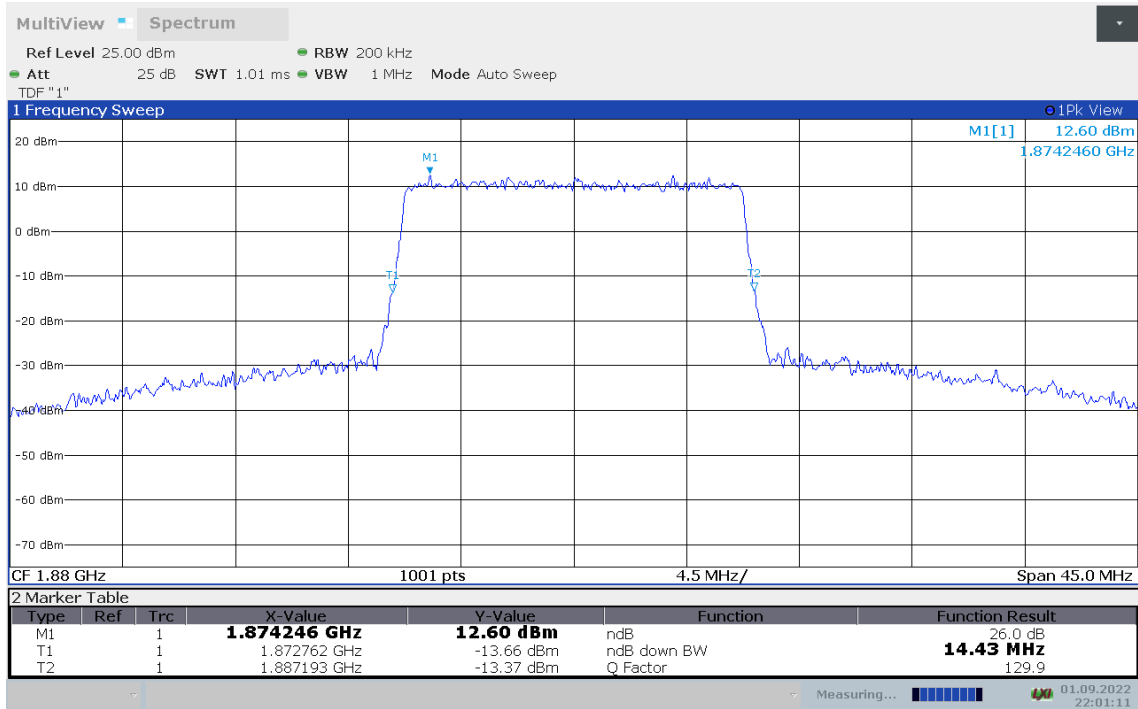
**LTE band 2, 15MHz Bandwidth, 16QAM (-26dBc BW)**







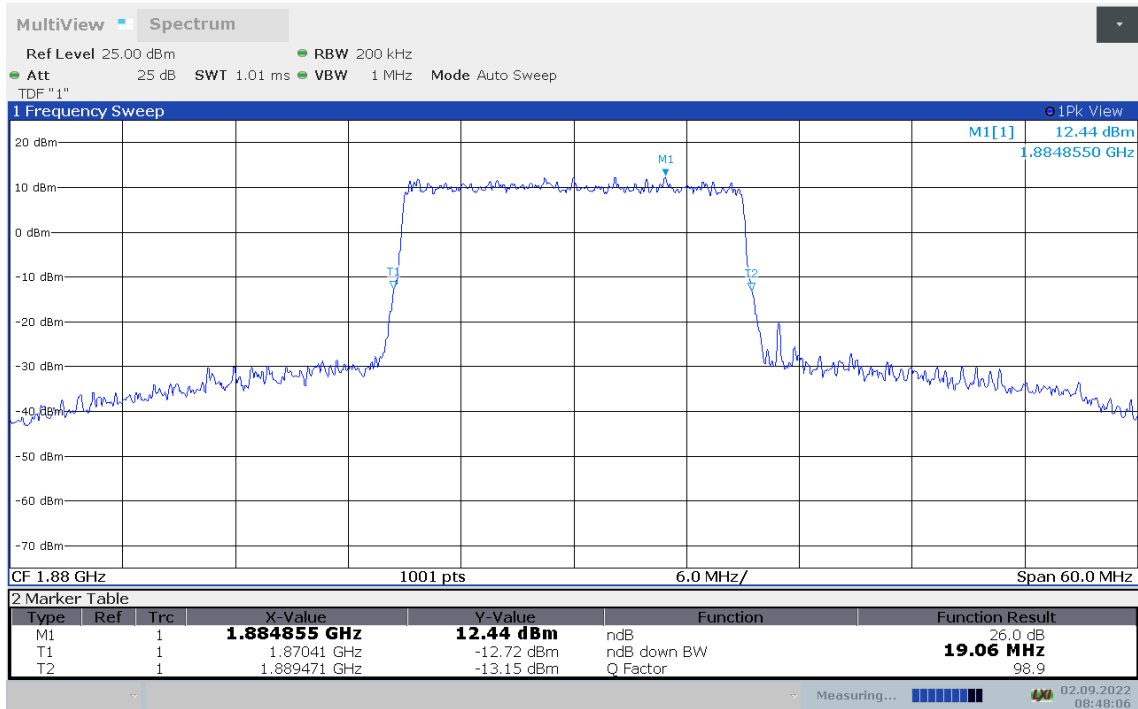
LTE band 2, 15MHz Bandwidth, 64QAM (-26dBc BW)



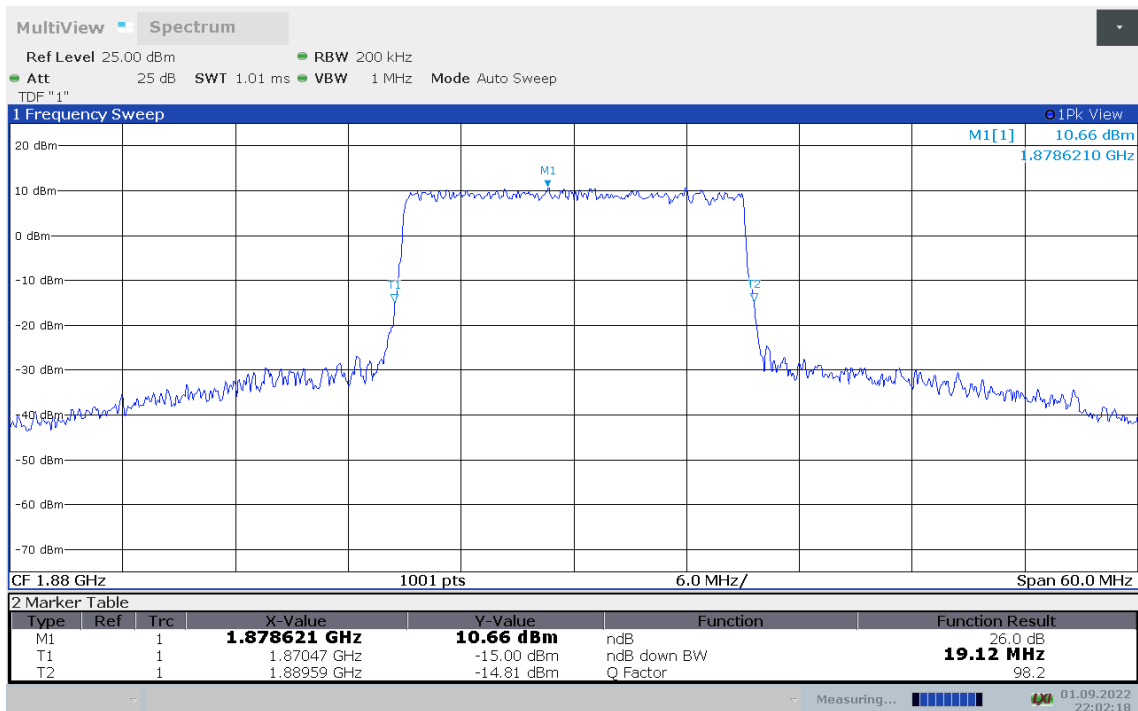
**LTE band 2, 20MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	19.06	19.12	19.00

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

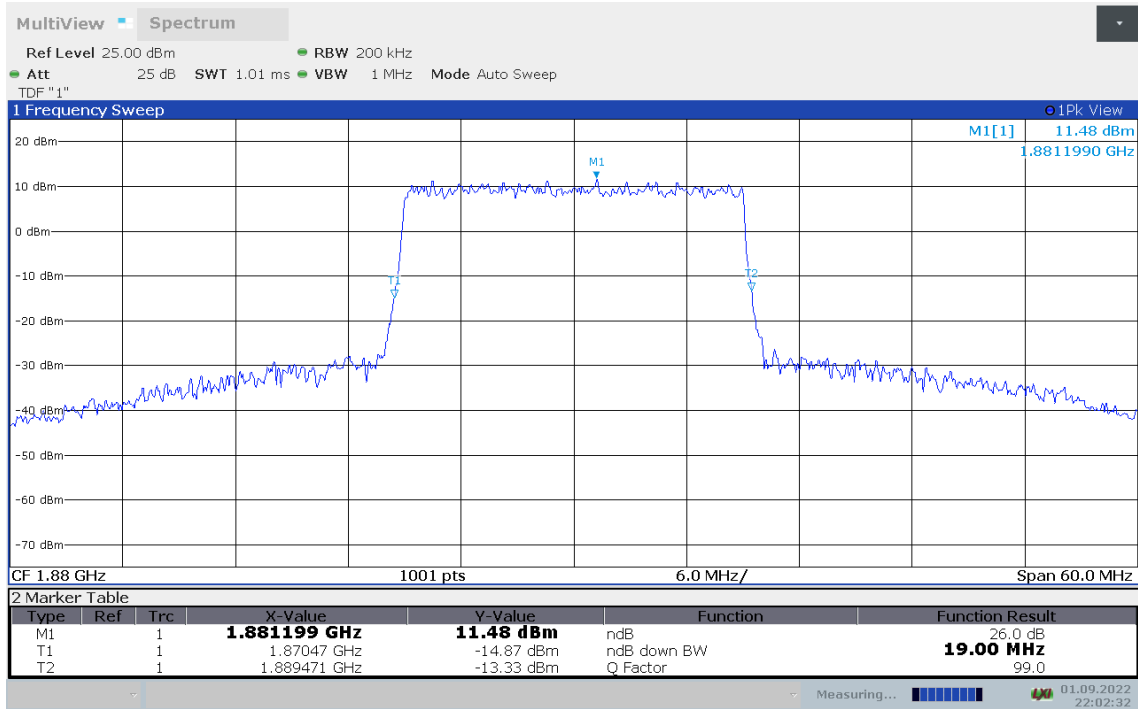


**LTE band 2, 20MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 2, 20MHz Bandwidth, 64QAM (-26dBc BW)

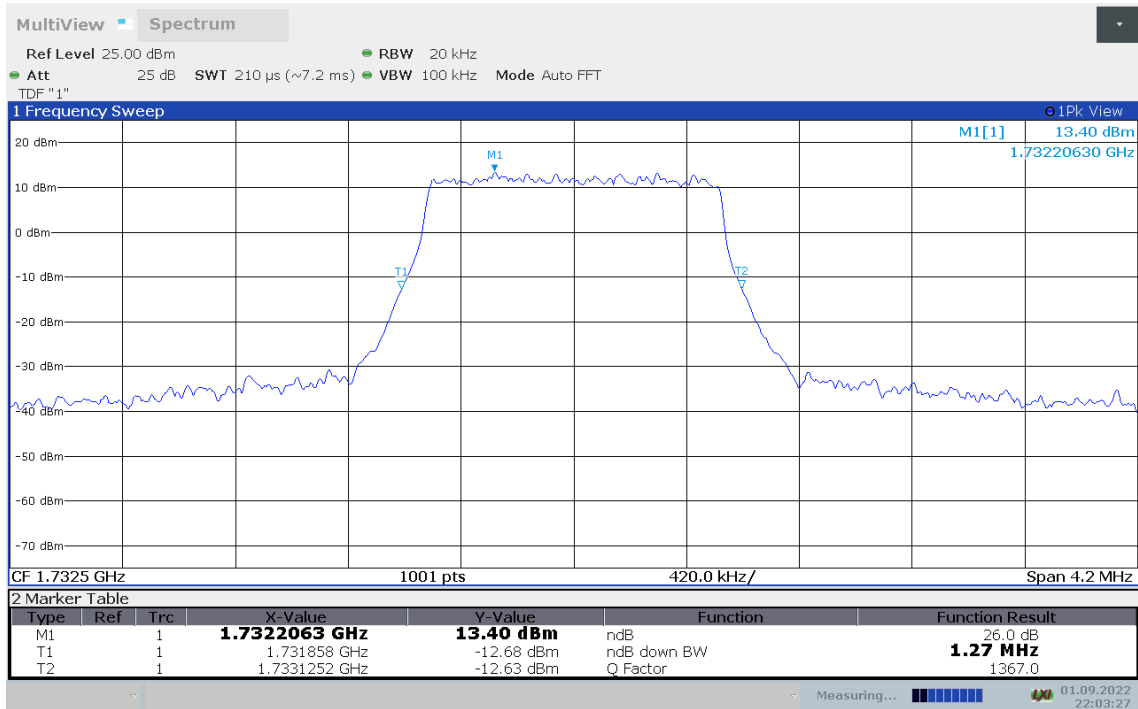




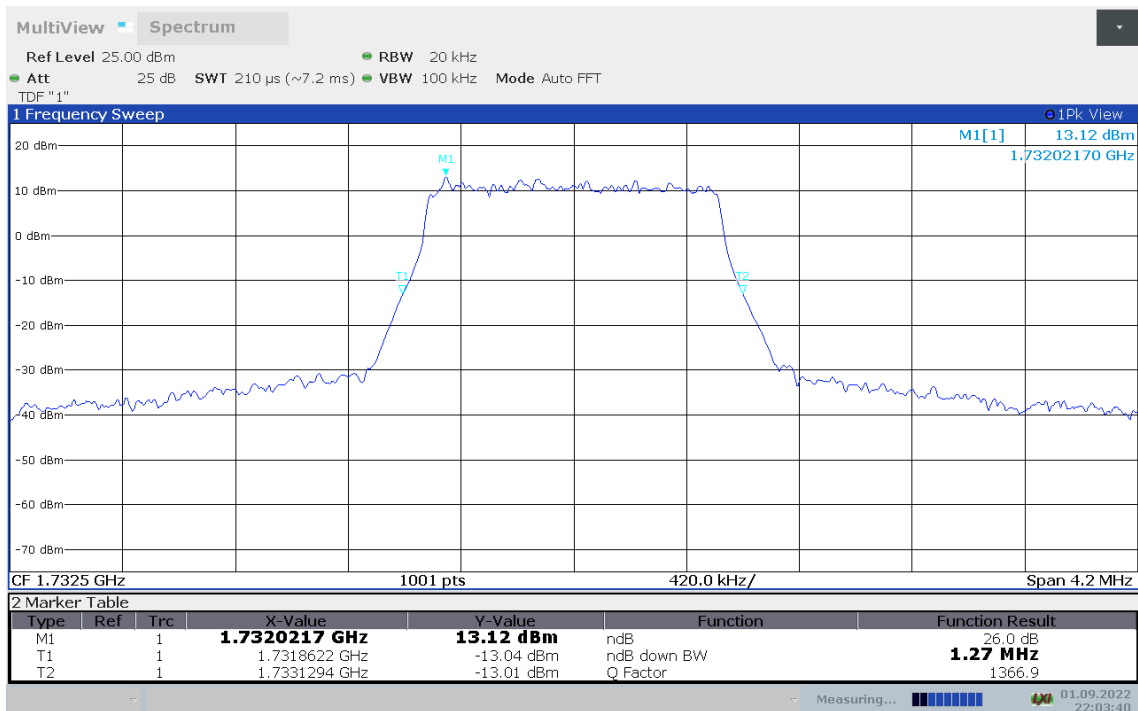
**LTE band 4, 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	1732.5	QPSK	16QAM
1.27		1.27	1.27

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

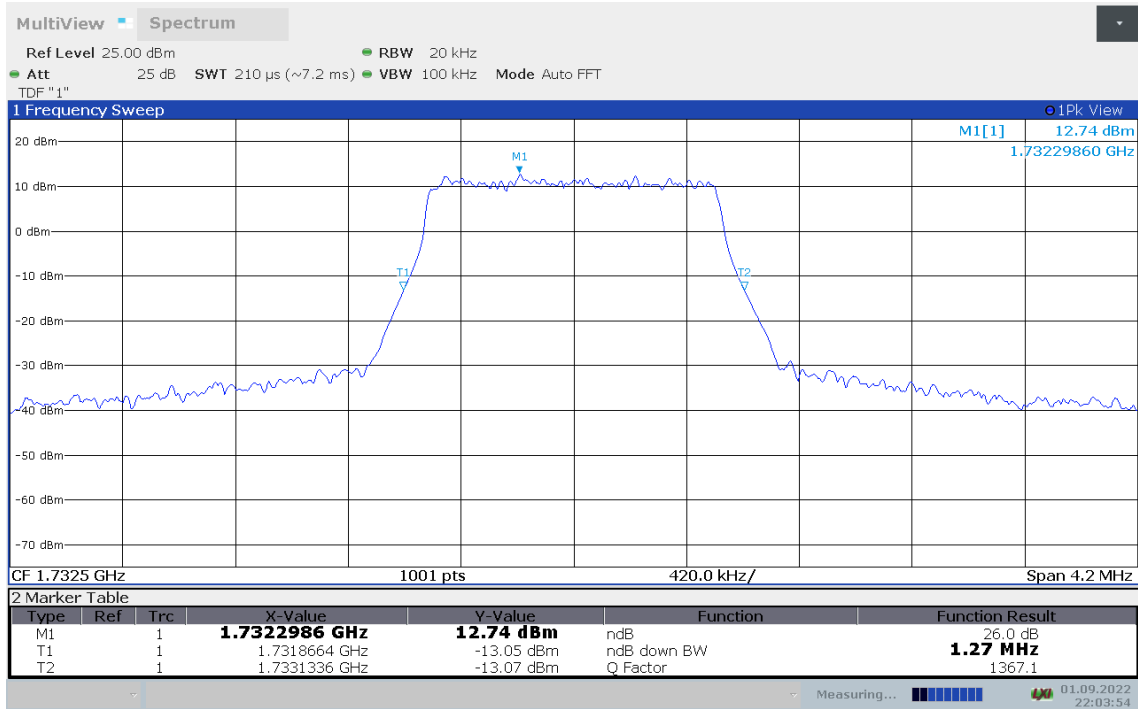


**LTE band 4, 1.4MHz Bandwidth, 16QAM (-26dBc BW)**





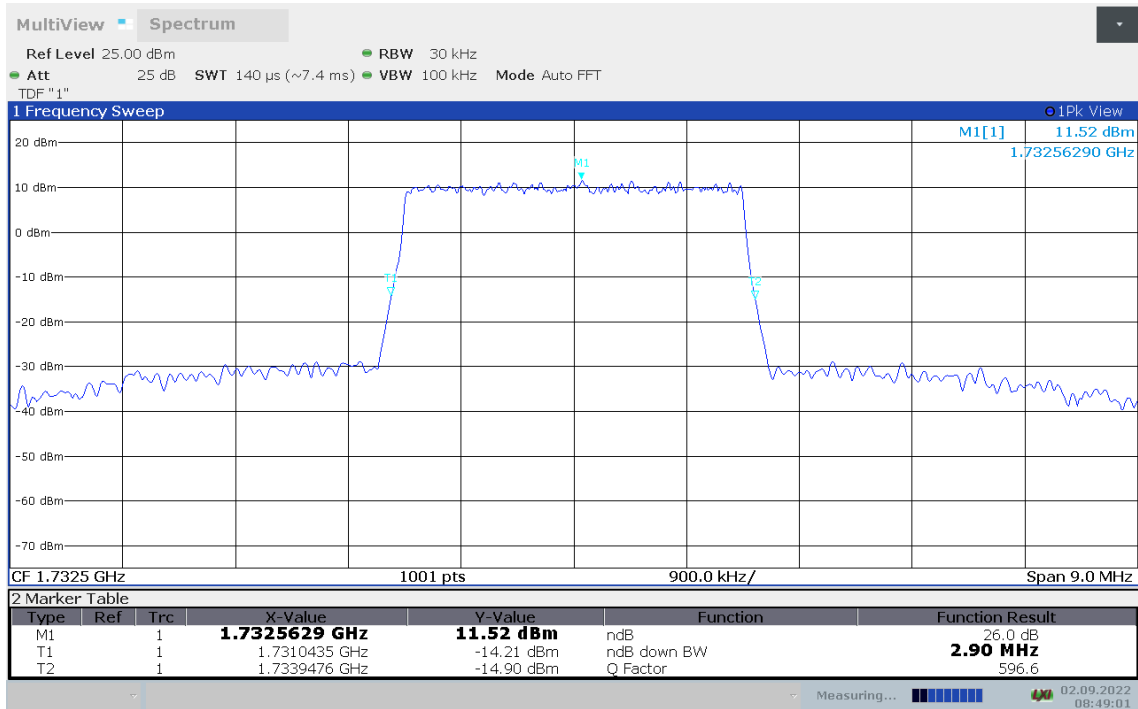
**LTE band 4, 1.4MHz Bandwidth, 64QAM (-26dBc BW)**



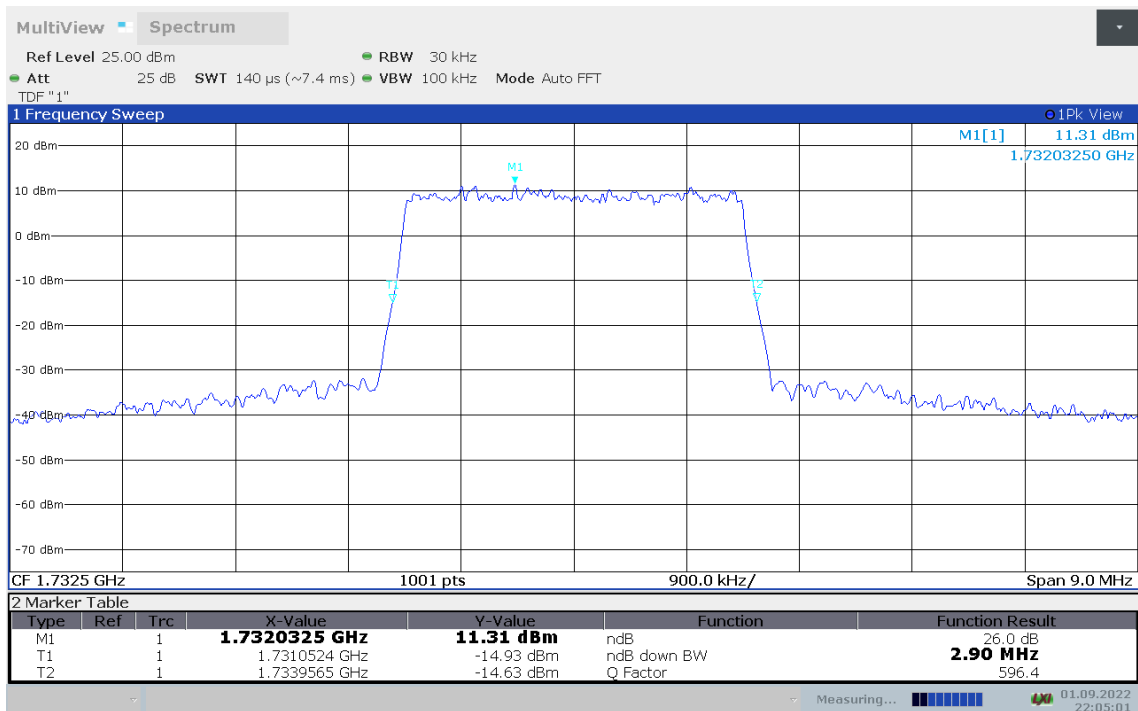
**LTE band 4, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1732.5	QPSK	16QAM	64QAM
	2.90	2.90	2.90

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

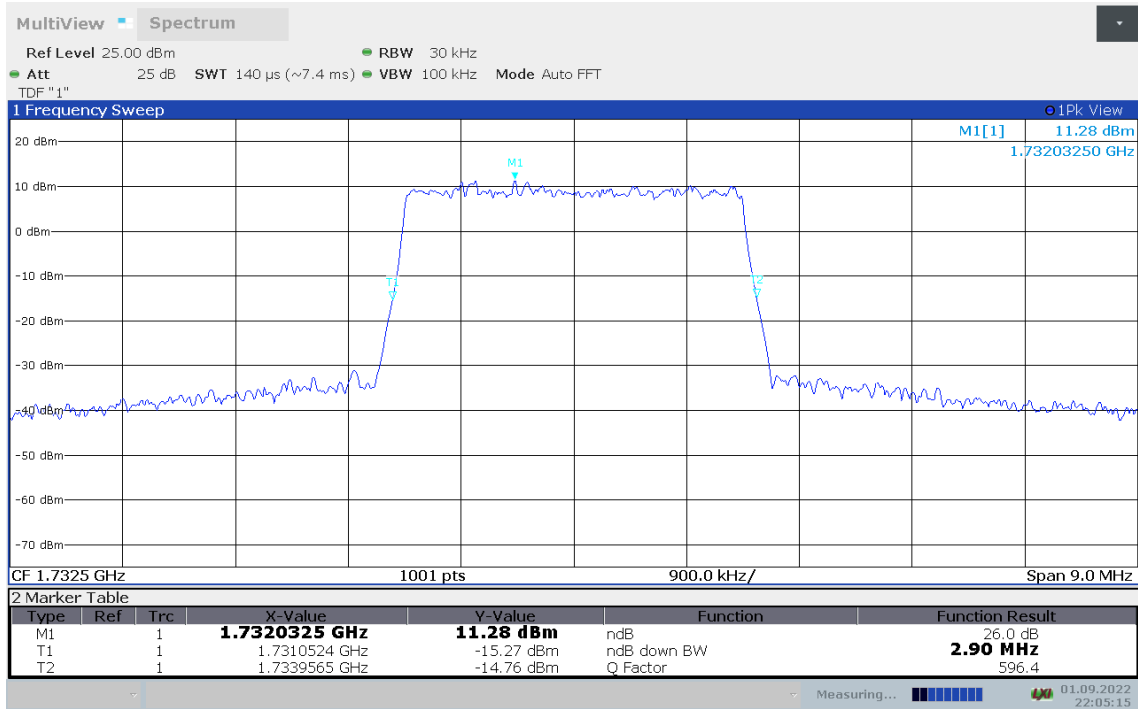


**LTE band 4, 3MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 4, 3MHz Bandwidth, 64QAM (-26dBc BW)

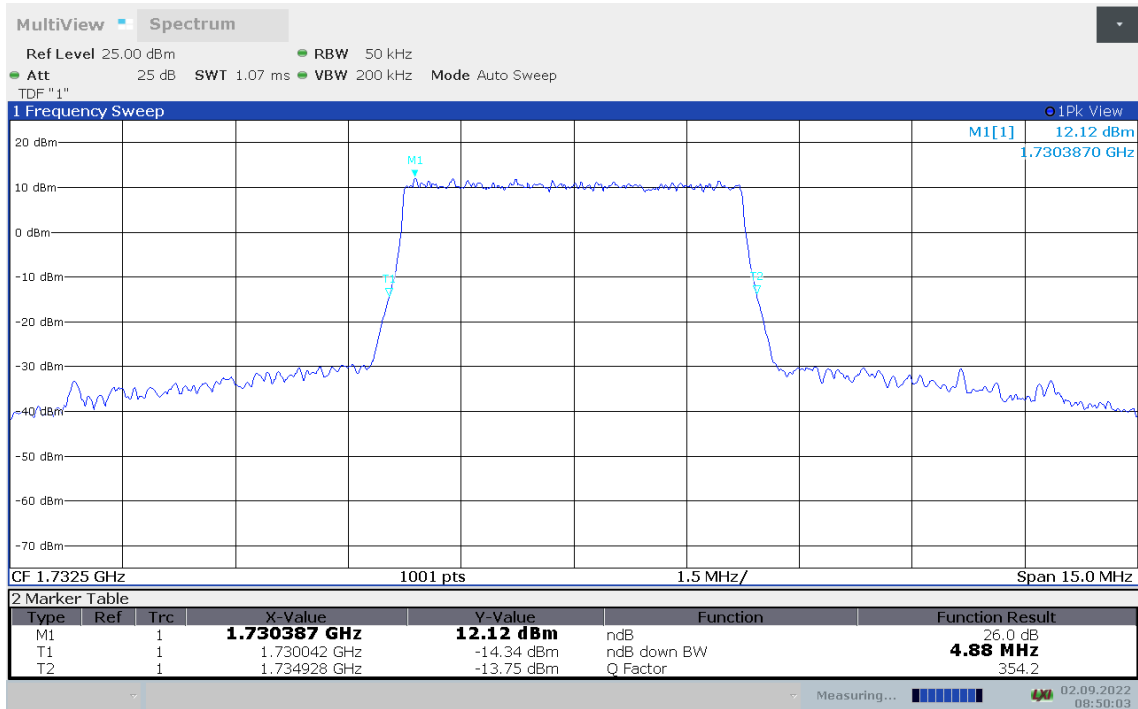




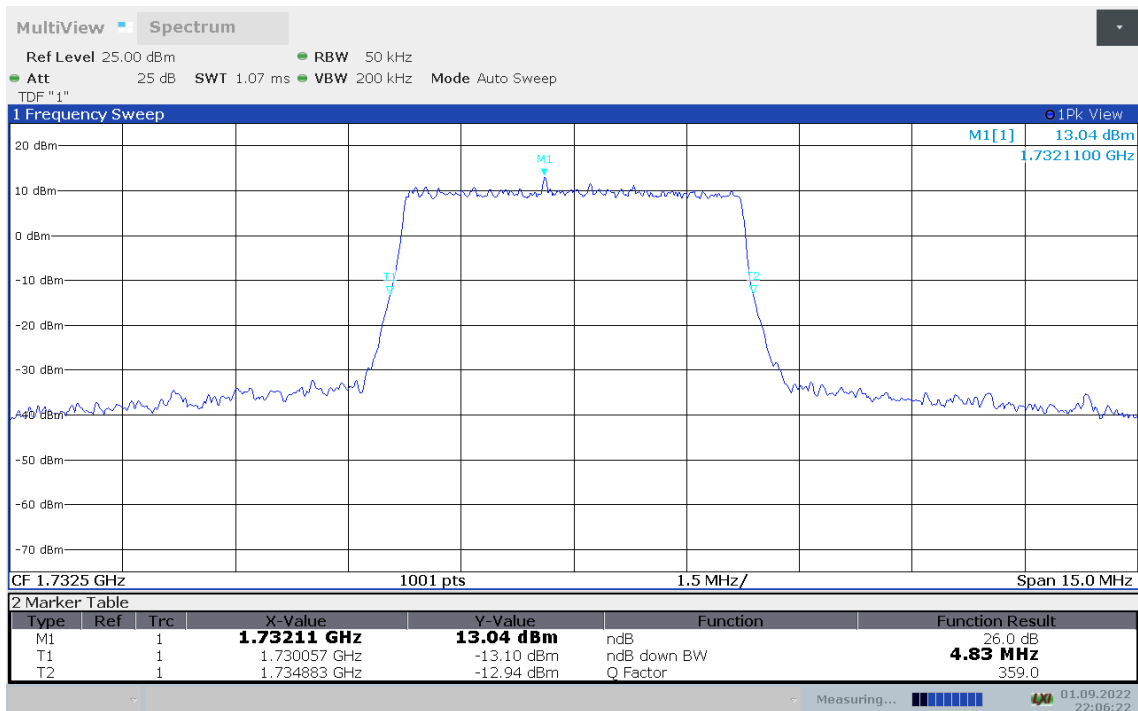
**LTE band 4, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1732.5	QPSK	16QAM	64QAM
	4.88	4.83	4.83

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



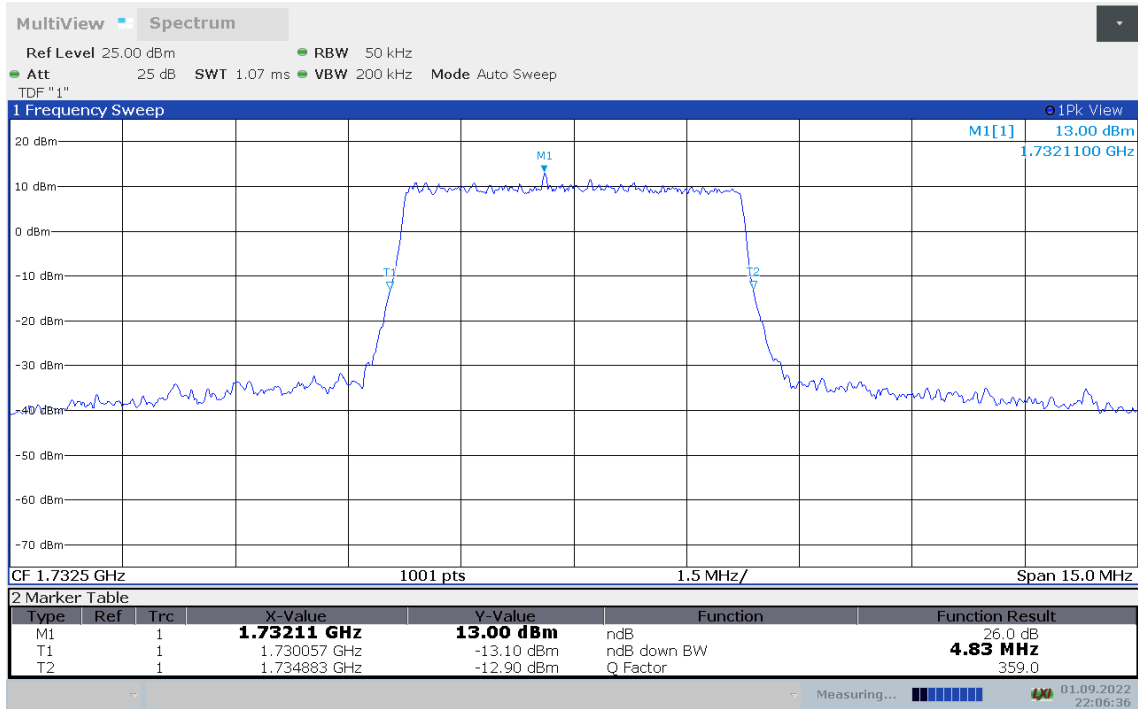
**LTE band 4, 5MHz Bandwidth, 16QAM (-26dBc BW)**







LTE band 4, 5MHz Bandwidth,64QAM (-26dBc BW)

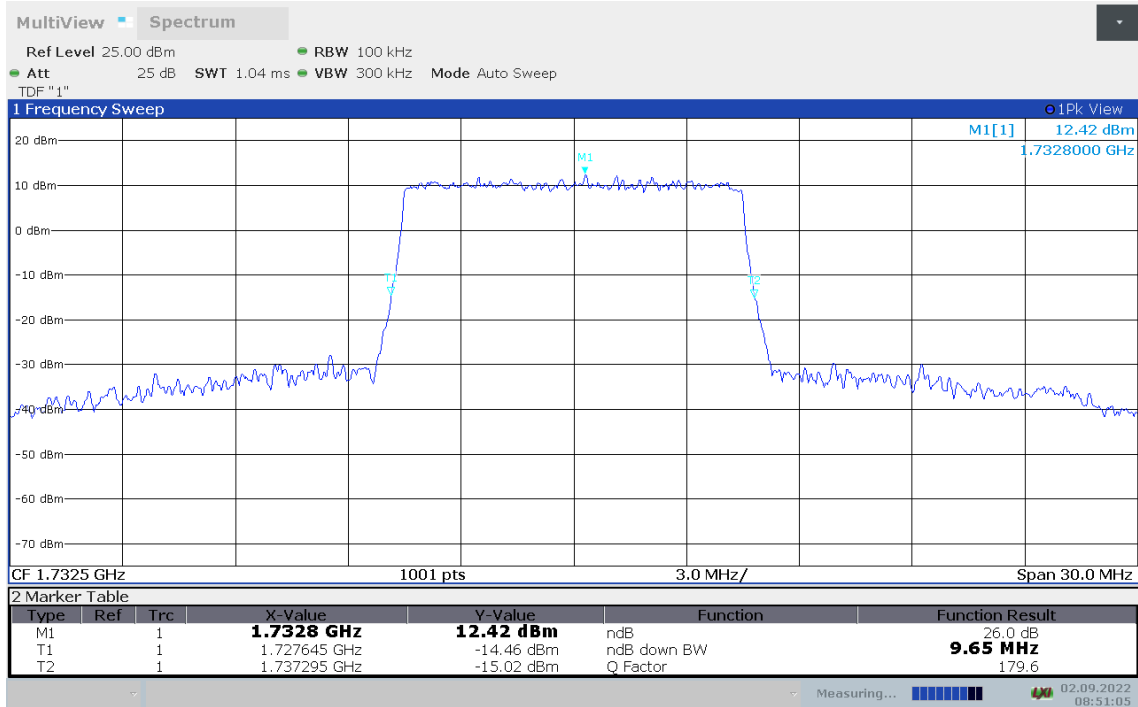




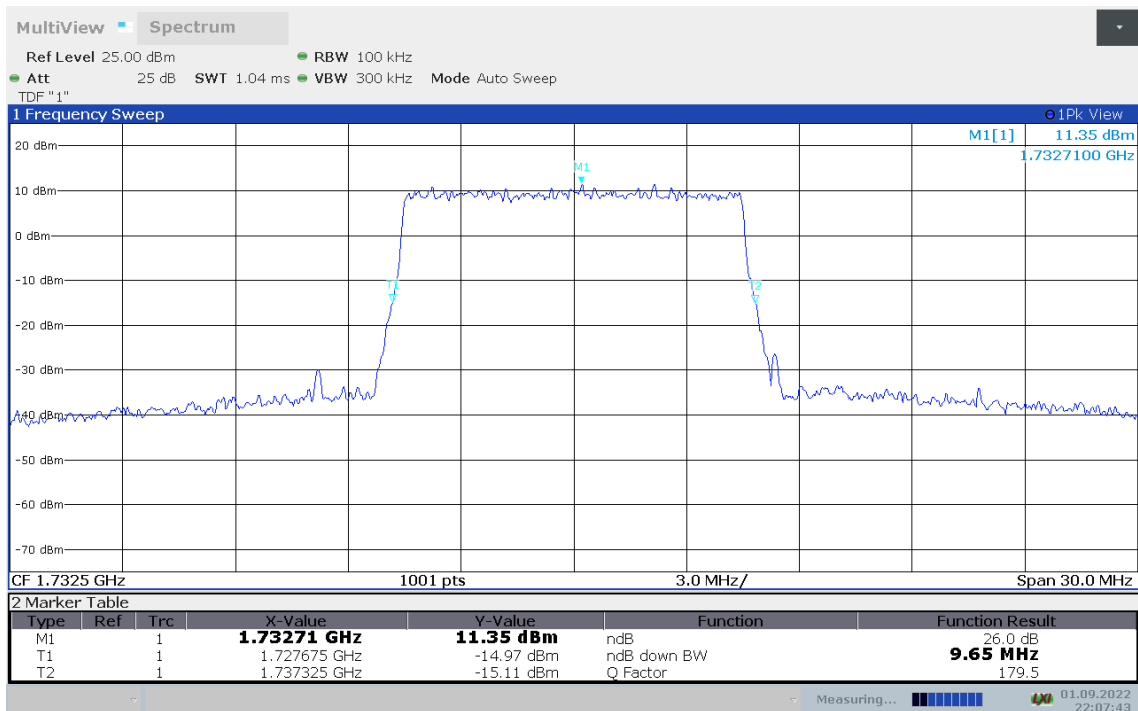
**LTE band 4, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	1732.5	QPSK	16QAM
9.65		9.65	9.65

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

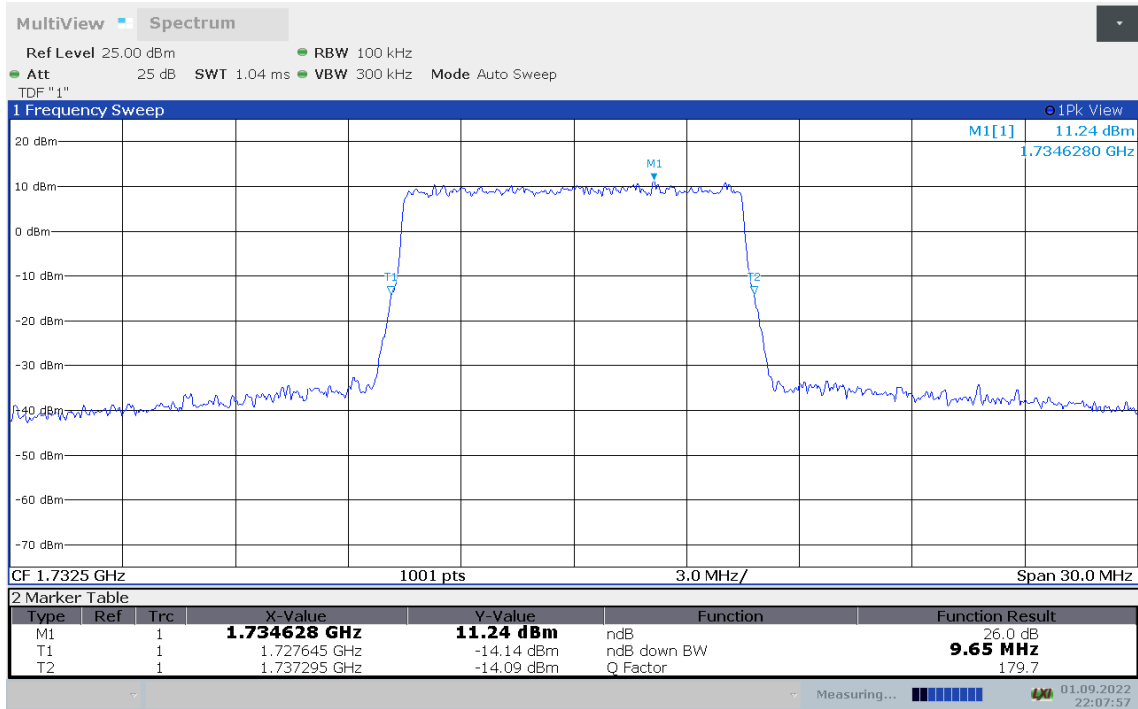


**LTE band 4, 10MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 4, 10MHz Bandwidth, 64QAM (-26dBc BW)

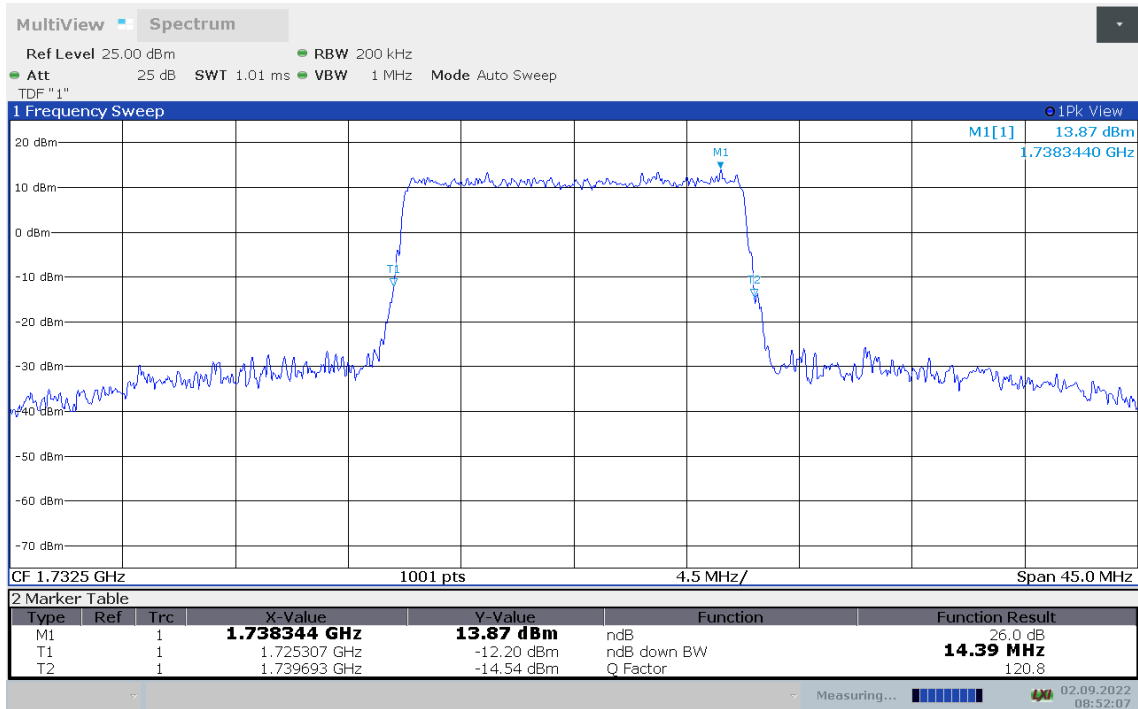




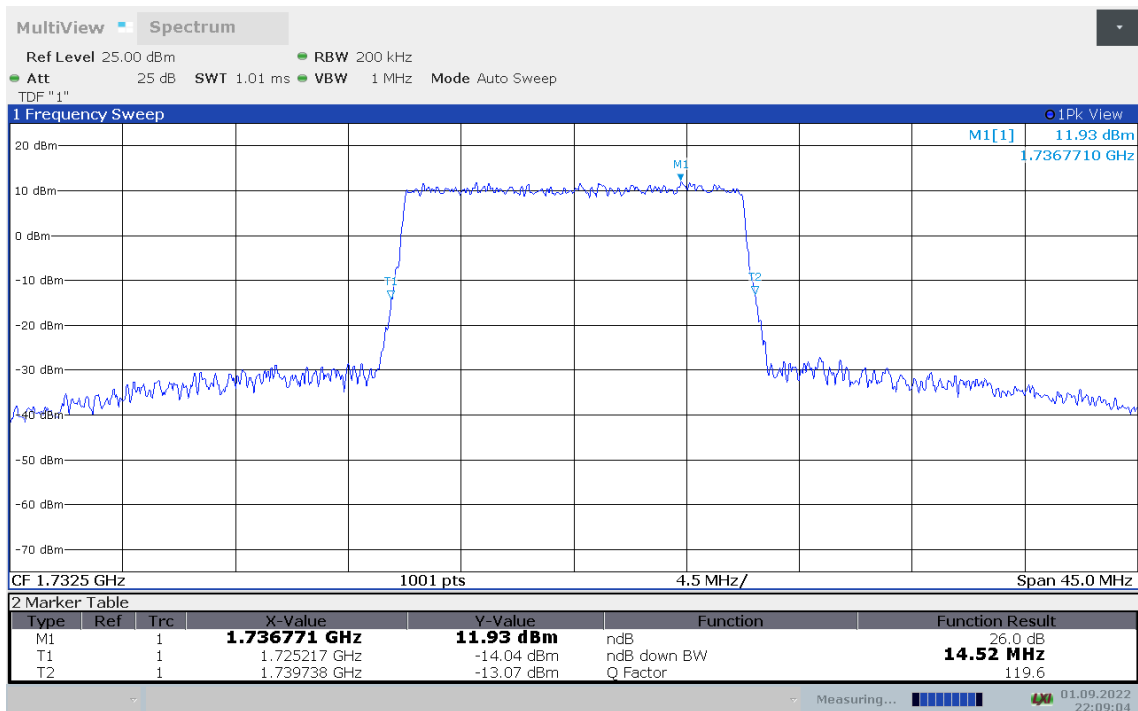
**LTE band 4, 15MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	QPSK	16QAM	64QAM
1732.5	14.39	14.52	14.48

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

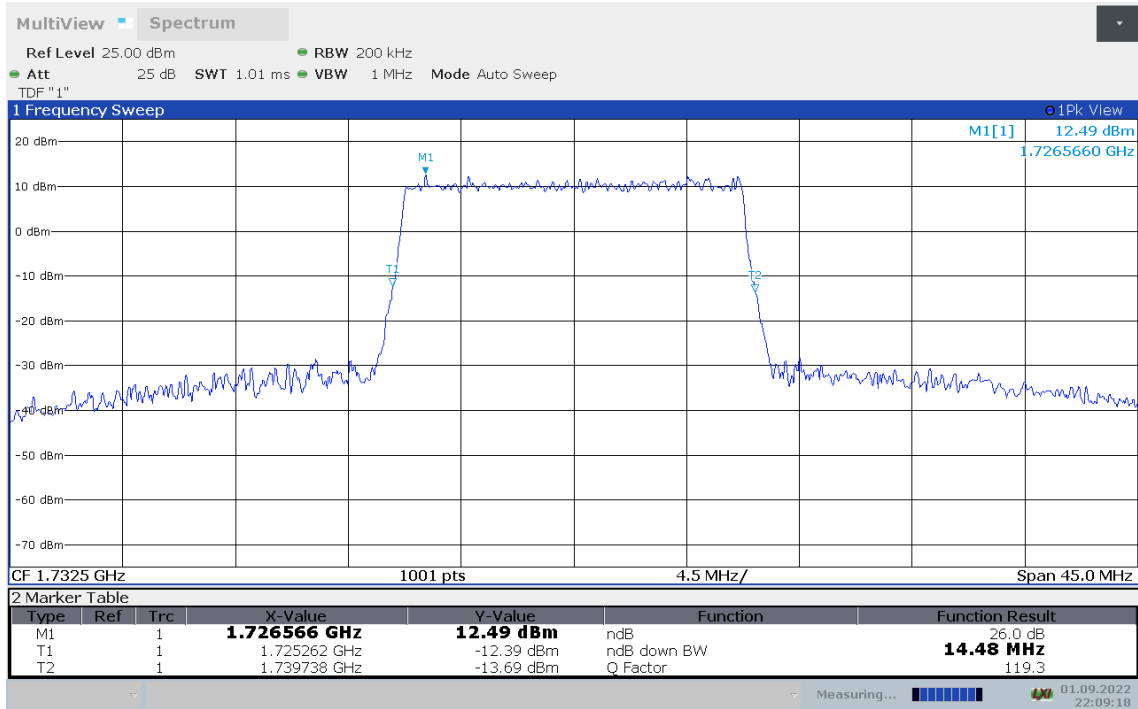


**LTE band 4, 15MHz Bandwidth, 16QAM (-26dBc BW)**





**LTE band 4, 15MHz Bandwidth, 64QAM (-26dBc BW)**

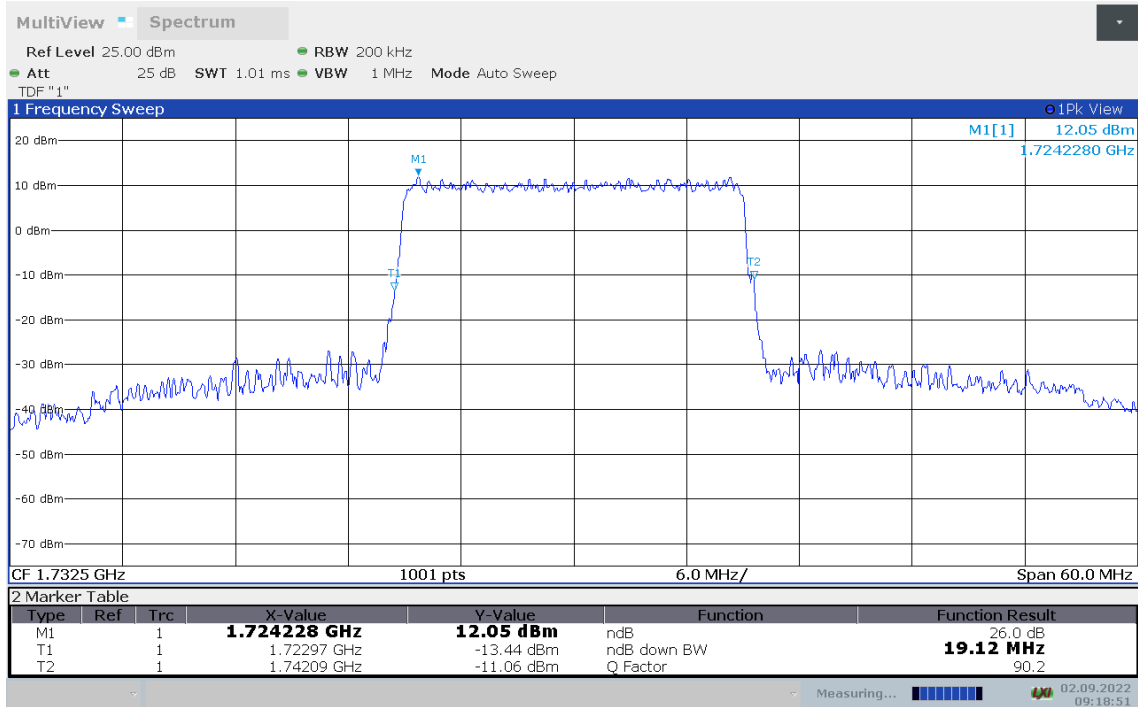




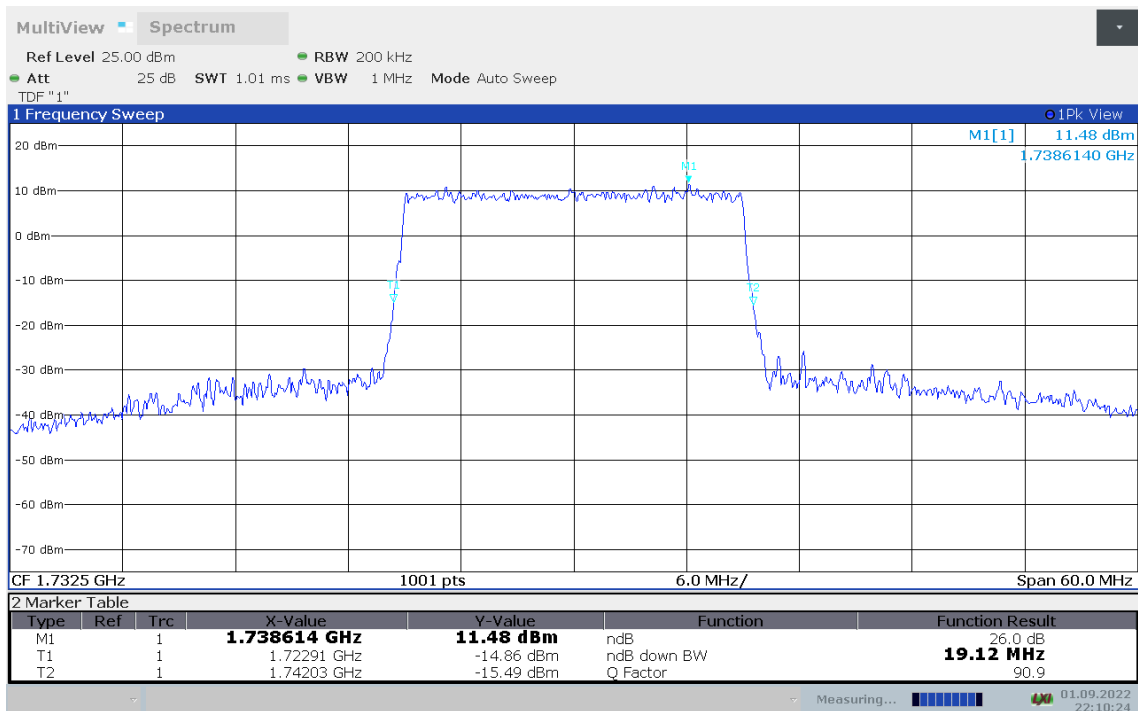
**LTE band 4, 20MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	1732.5	QPSK	16QAM
19.12		19.12	19.06

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

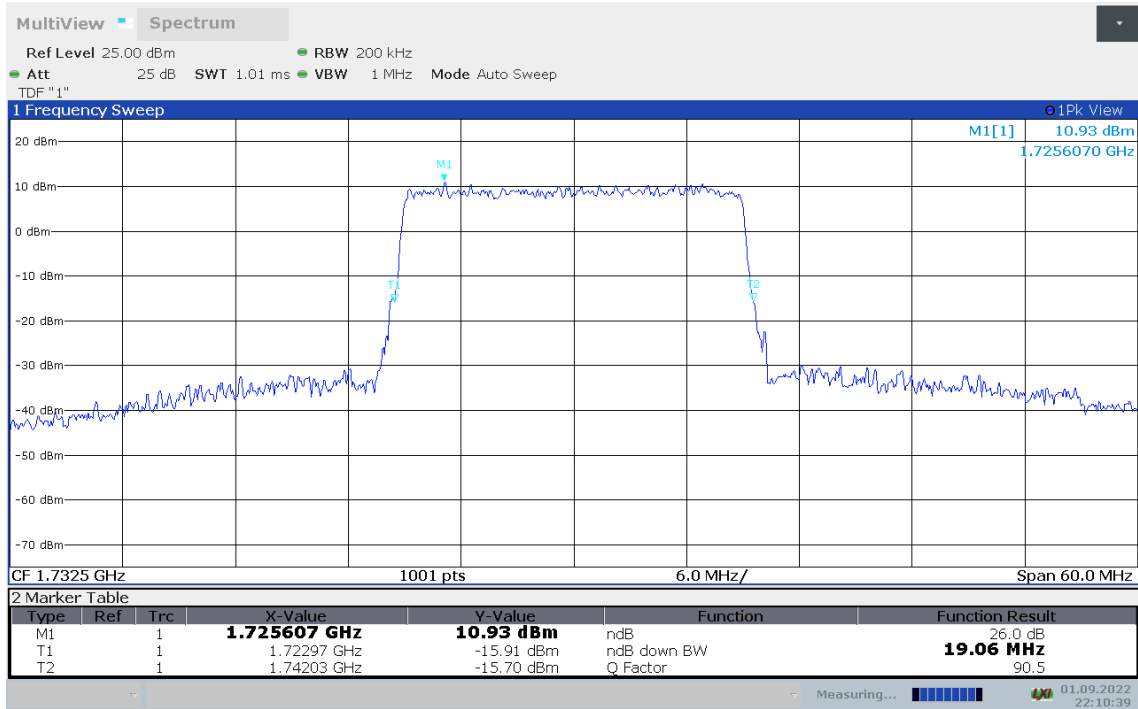


**LTE band 4, 20MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 4, 20MHz Bandwidth, 64QAM (-26dBc BW)

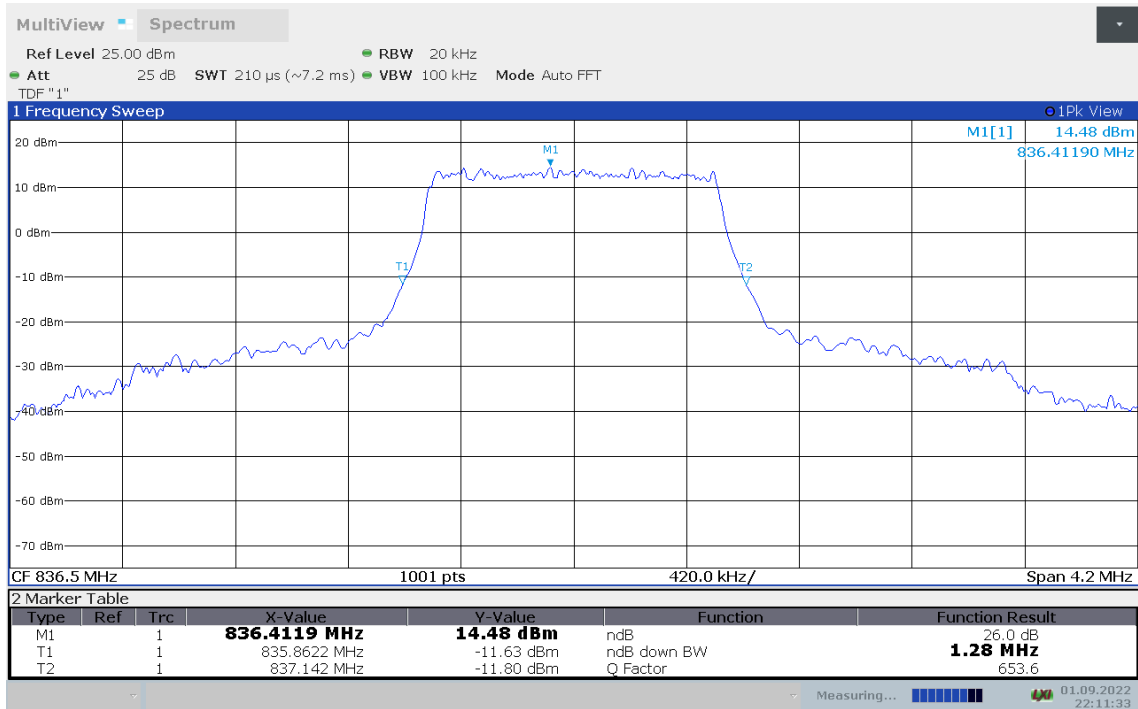




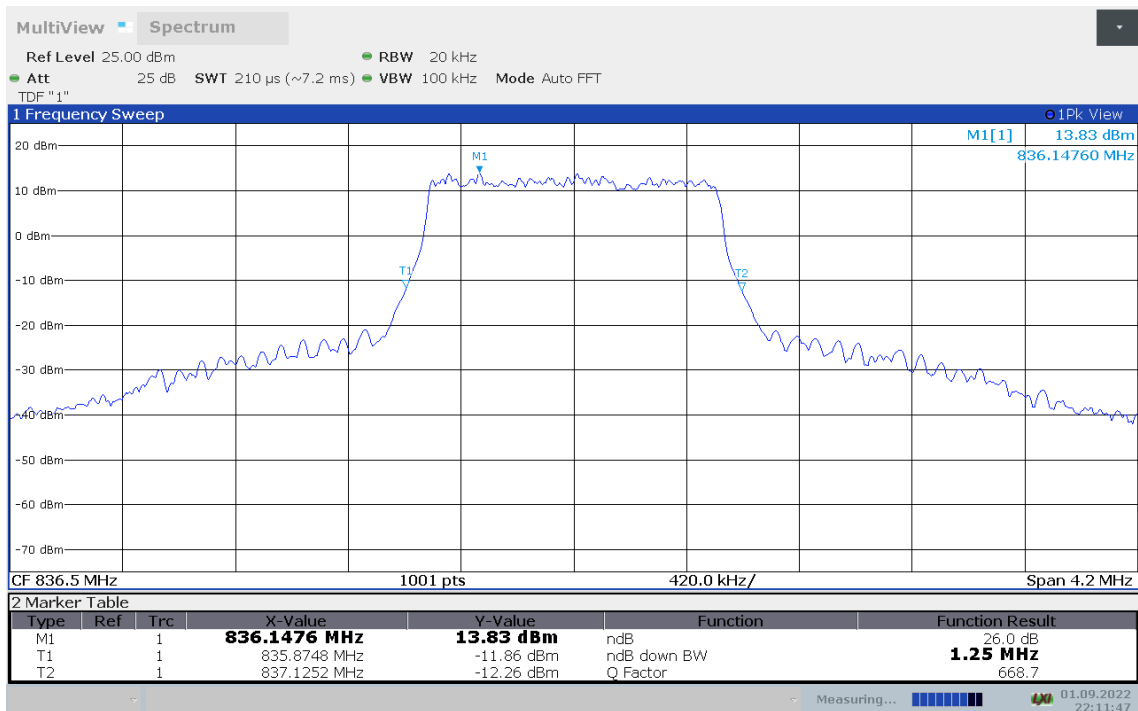
LTE band 5, 1.4MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	836.5	QPSK	16QAM
1.28		1.25	1.25

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



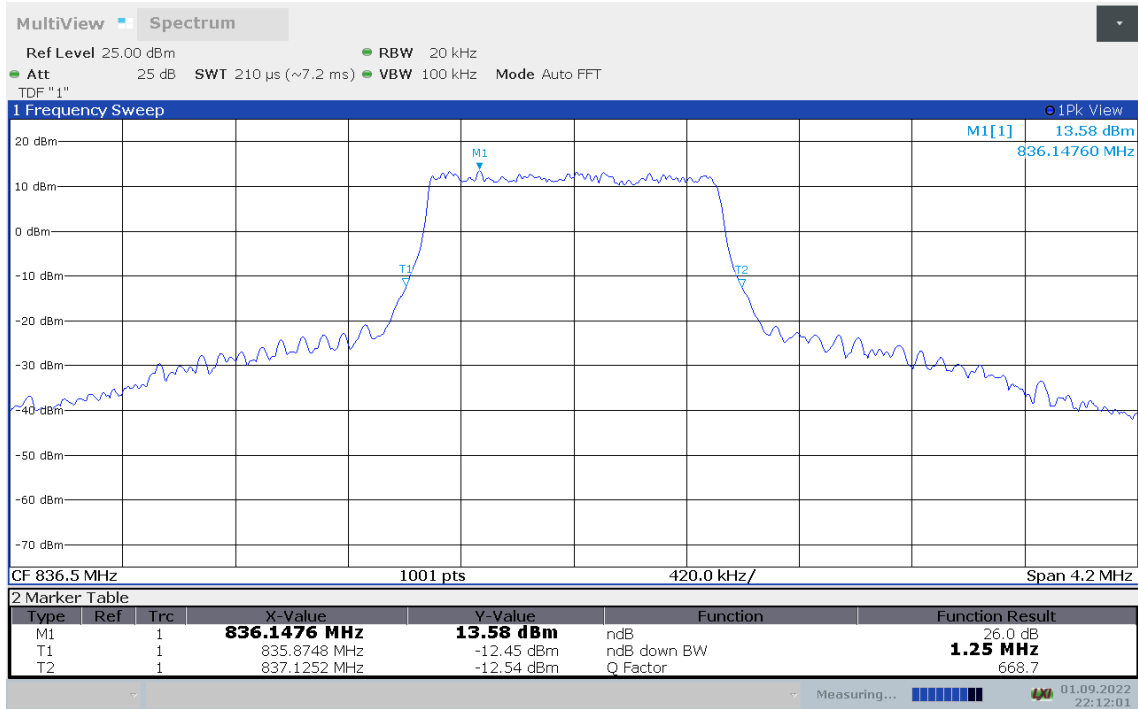
LTE band 5, 1.4MHz Bandwidth,16QAM (-26dBc BW)







LTE band 5, 1.4MHz Bandwidth,64QAM (-26dBc BW)

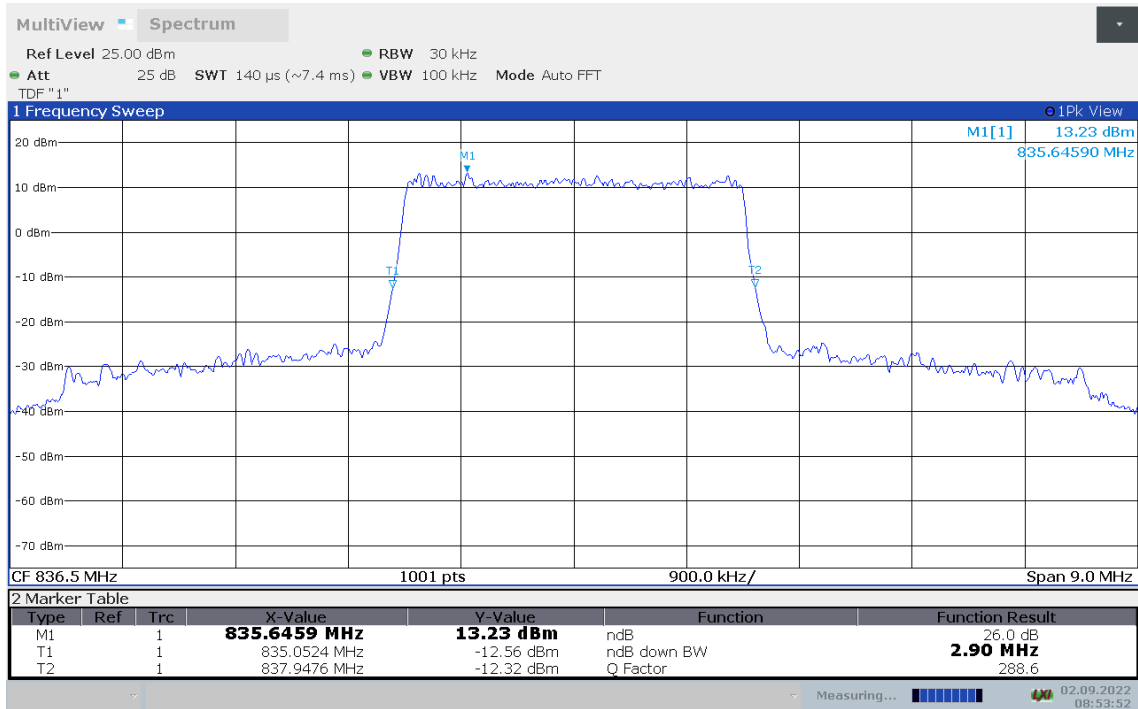




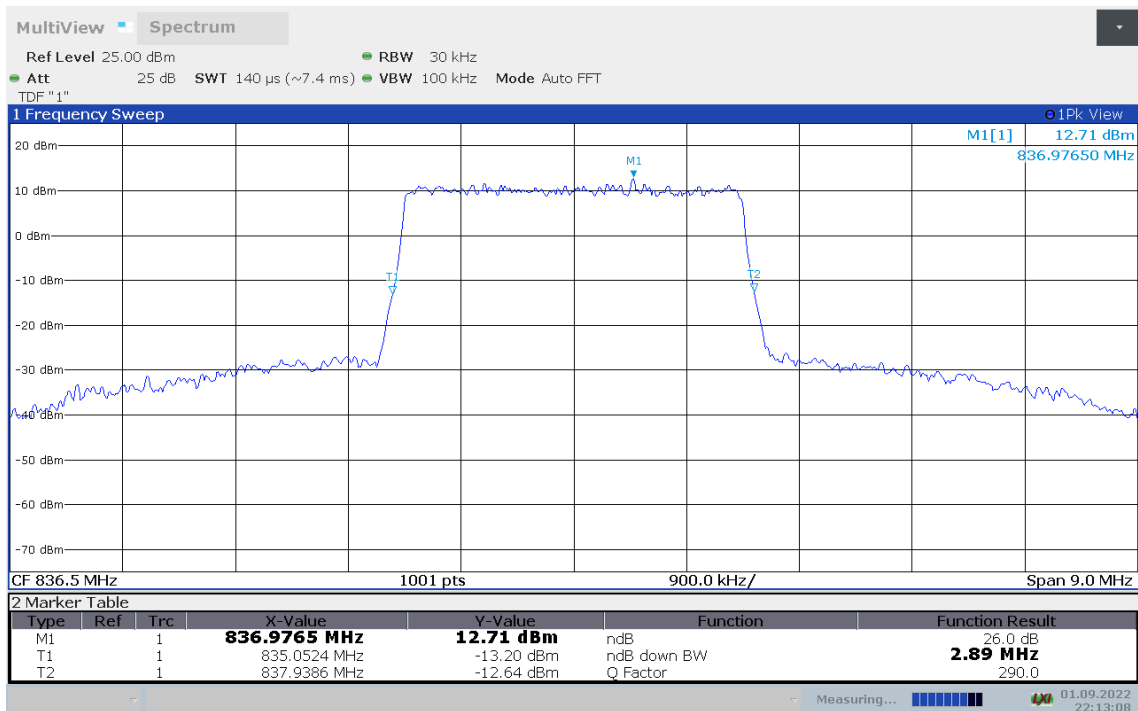
**LTE band 5, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	QPSK	16QAM	64QAM
836.5	2.90	2.89	2.90

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

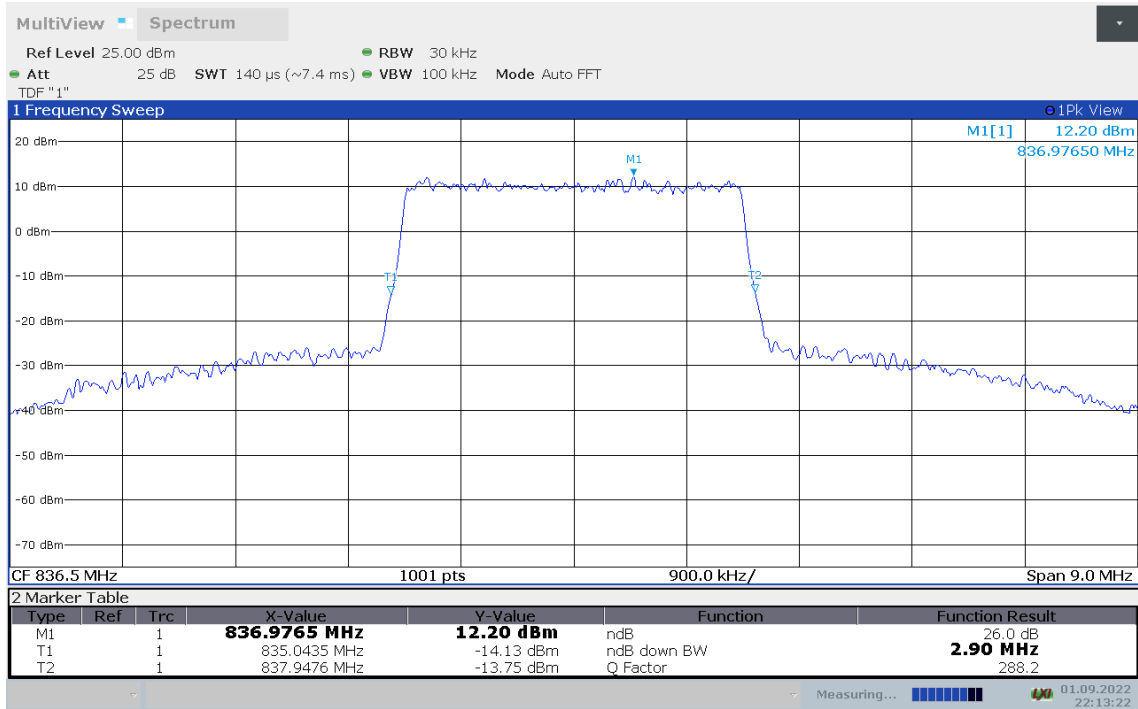


**LTE band 5, 3MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 5, 3MHz Bandwidth, 64QAM (-26dBc BW)

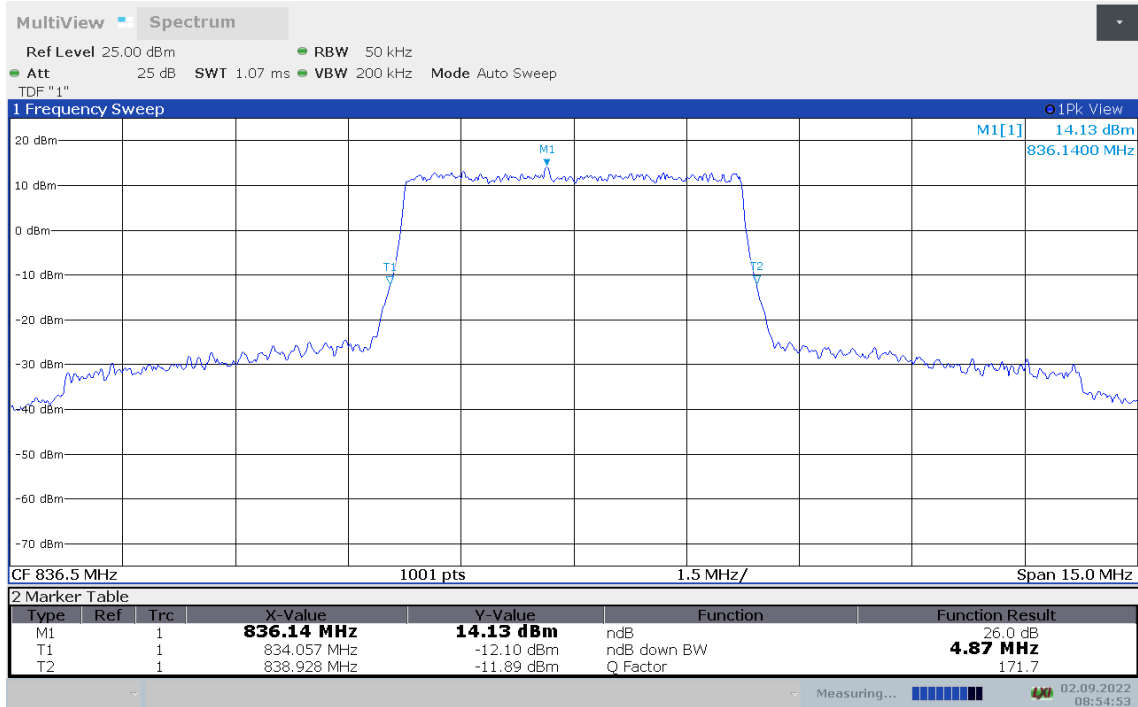




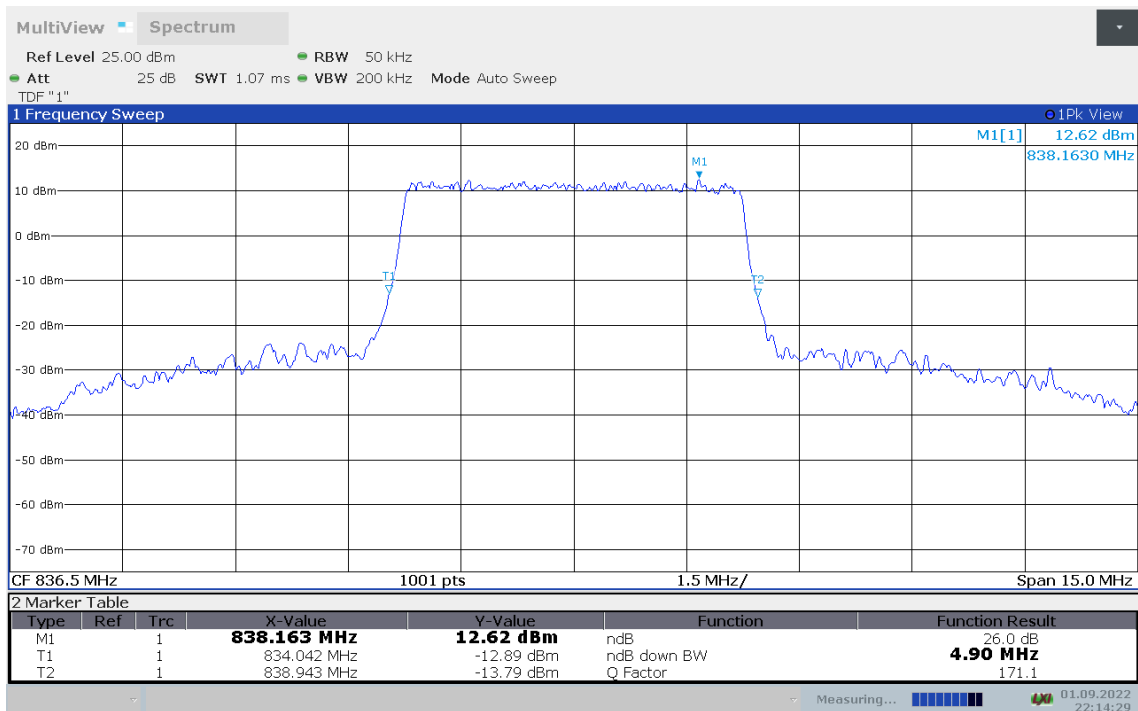
**LTE band 5, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	4.87	4.90	4.90

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

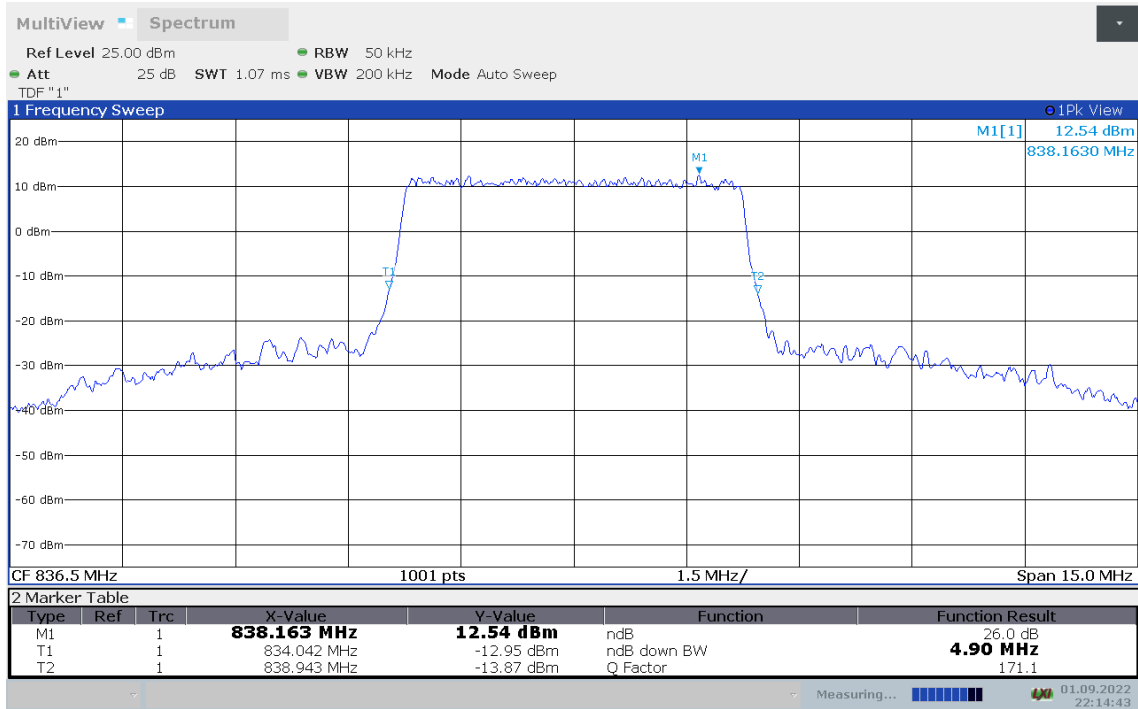


**LTE band 5, 5MHz Bandwidth, 16QAM (-26dBc BW)**





**LTE band 5, 5MHz Bandwidth, 64QAM (-26dBc BW)**

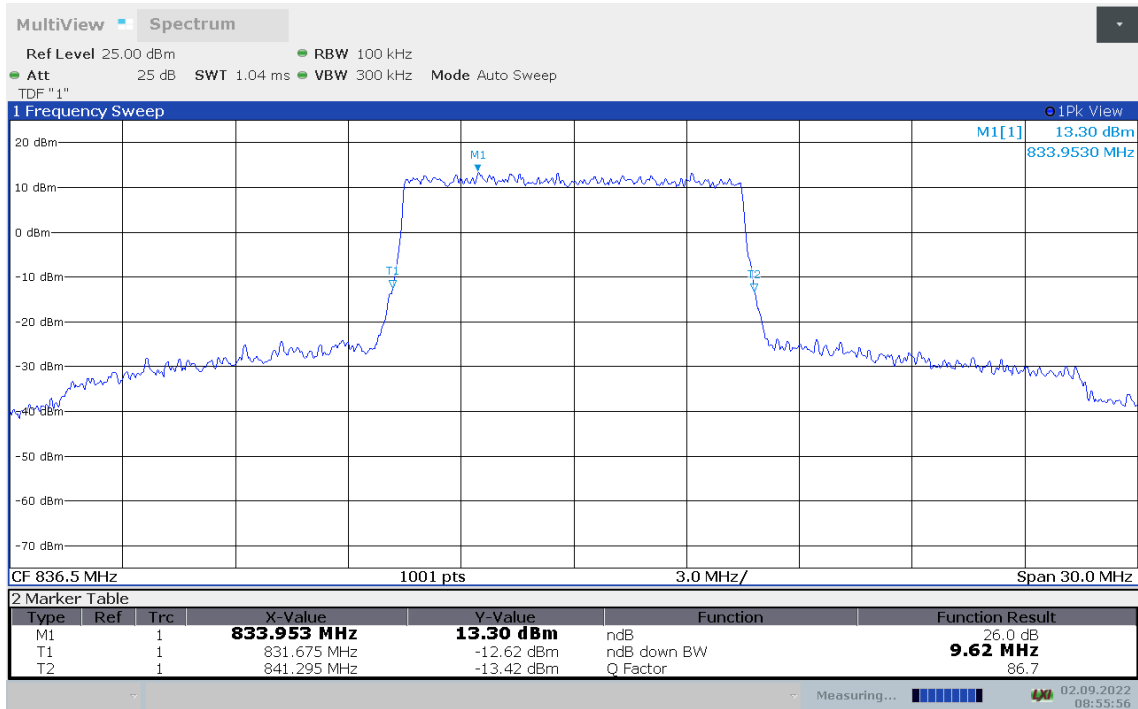




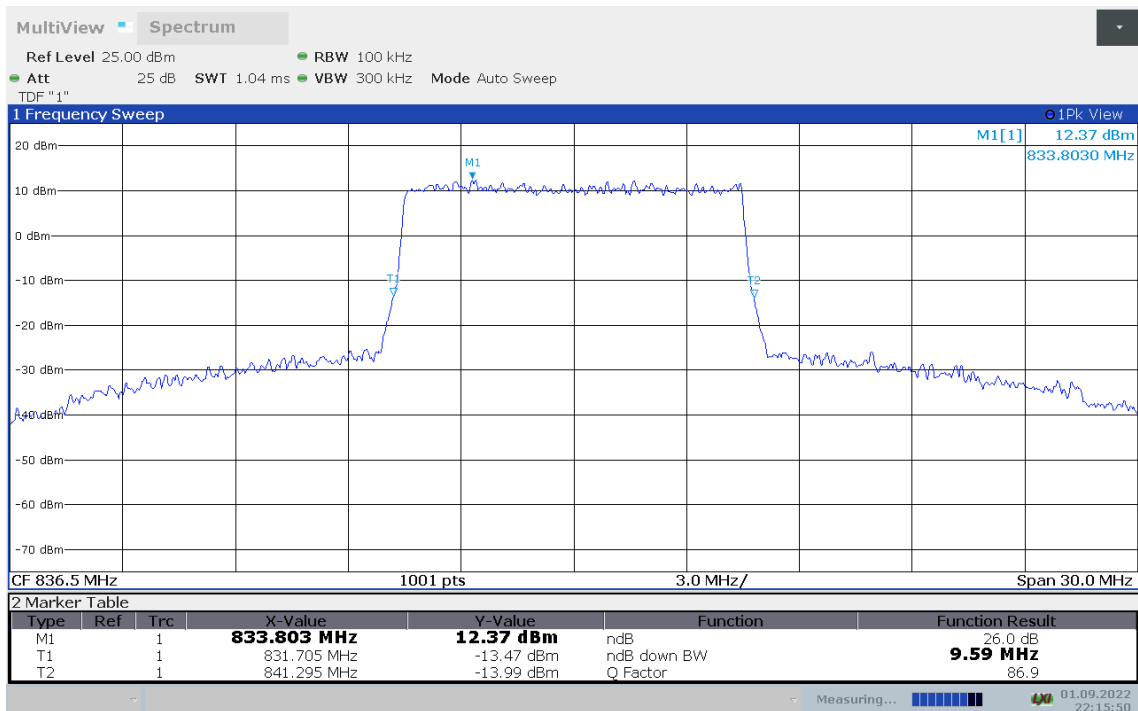
**LTE band 5, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	836.5	QPSK	16QAM
	9.62	9.59	9.62

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

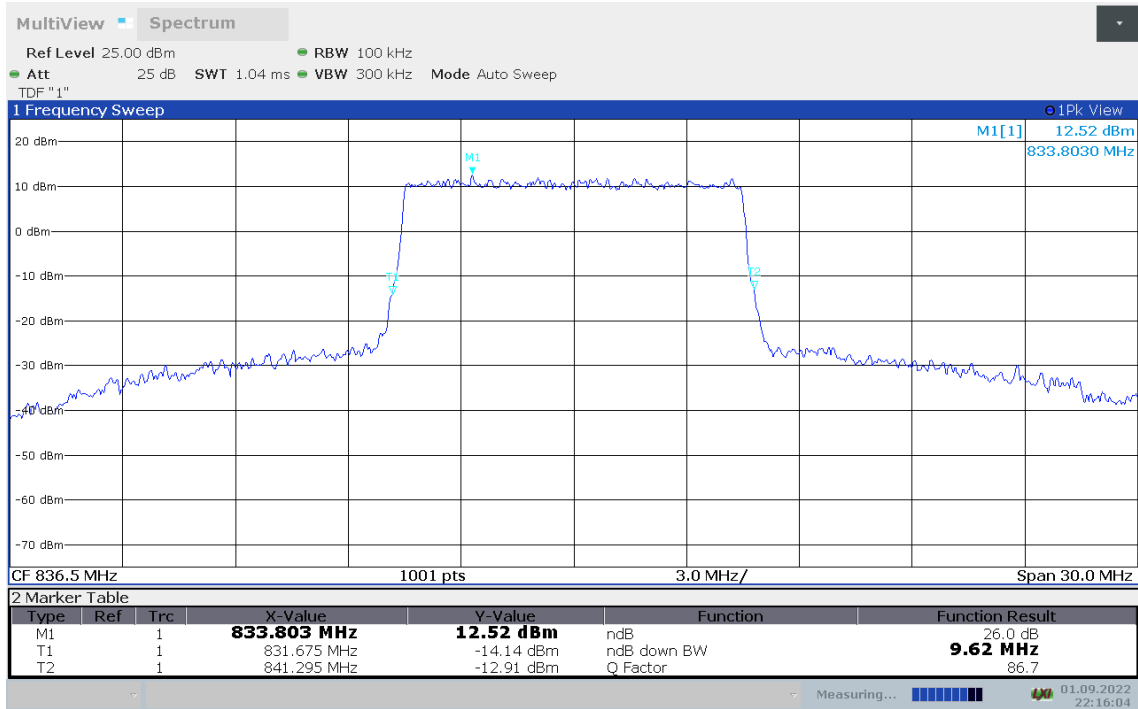


**LTE band 5, 10MHz Bandwidth, 16QAM (-26dBc BW)**





**LTE band 5, 10MHz Bandwidth, 64QAM (-26dBc BW)**

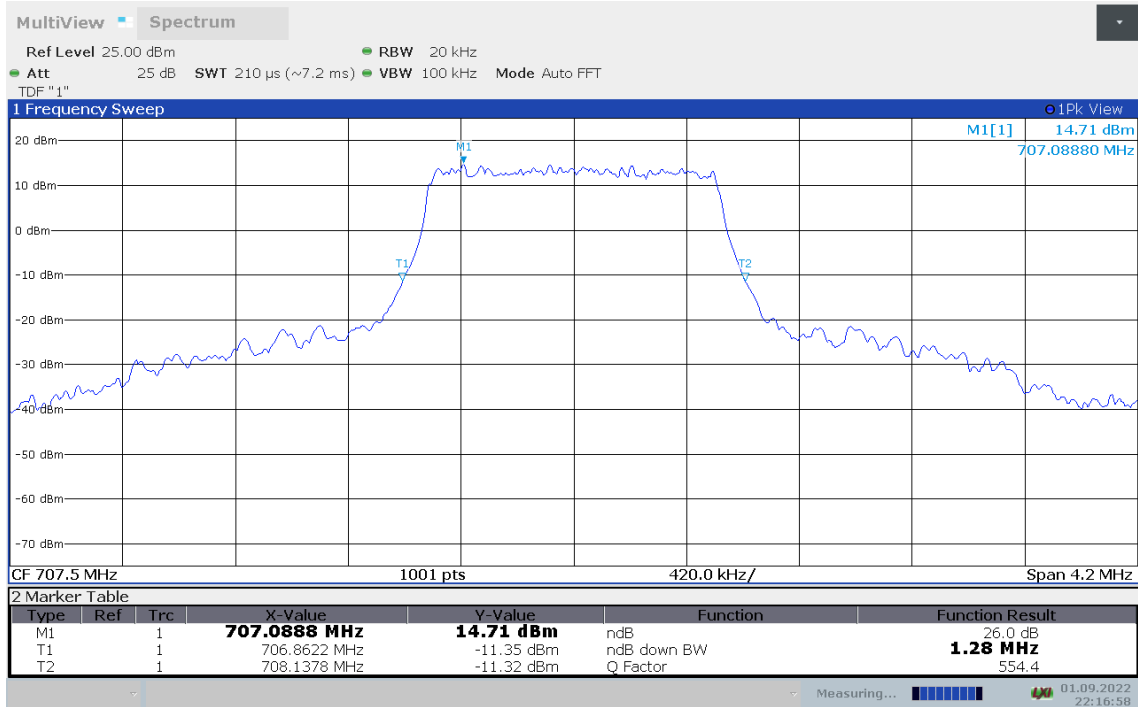




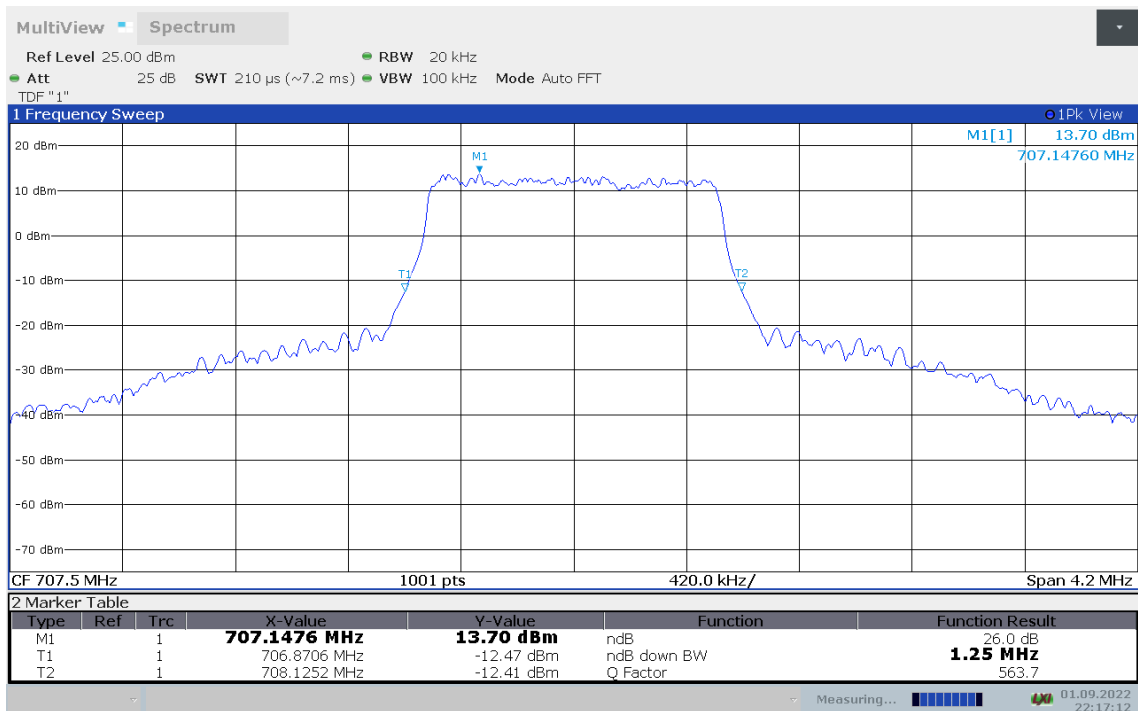
**LTE band 12, 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
707.5	QPSK	16QAM	64QAM
	1.28	1.25	1.25

**LTE band 12, 1.4MHz Bandwidth, QPSK (-26dBc BW)**



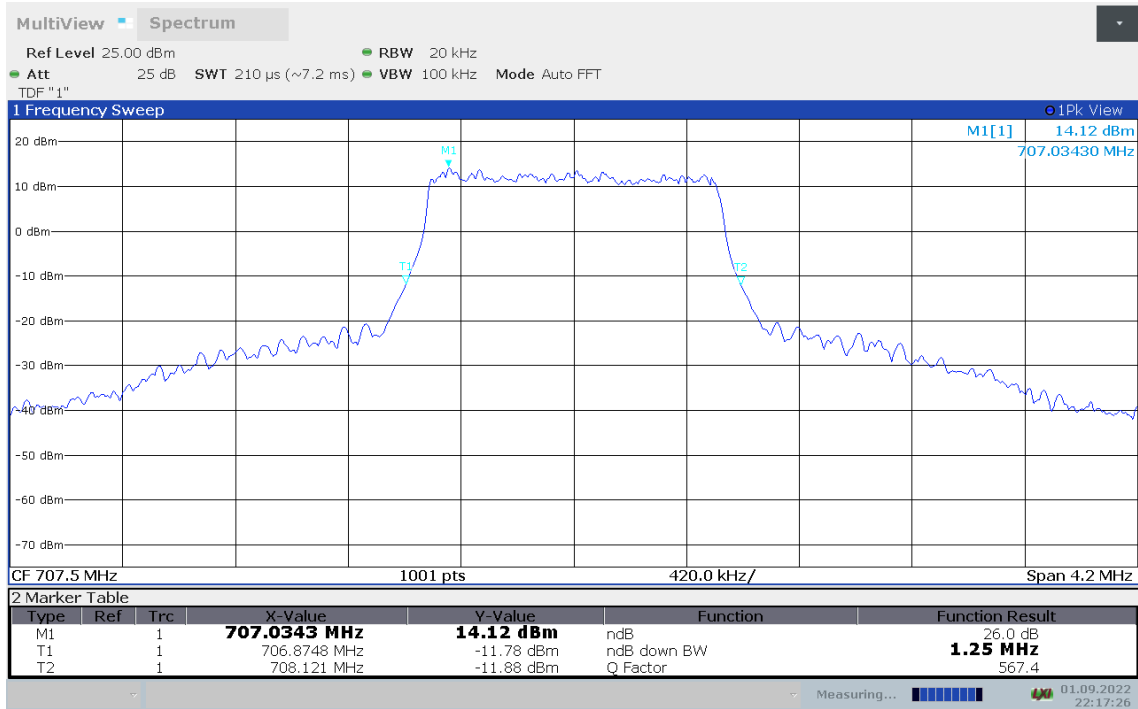
**LTE band 12, 1.4MHz Bandwidth, 16QAM (-26dBc BW)**







LTE band 12, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

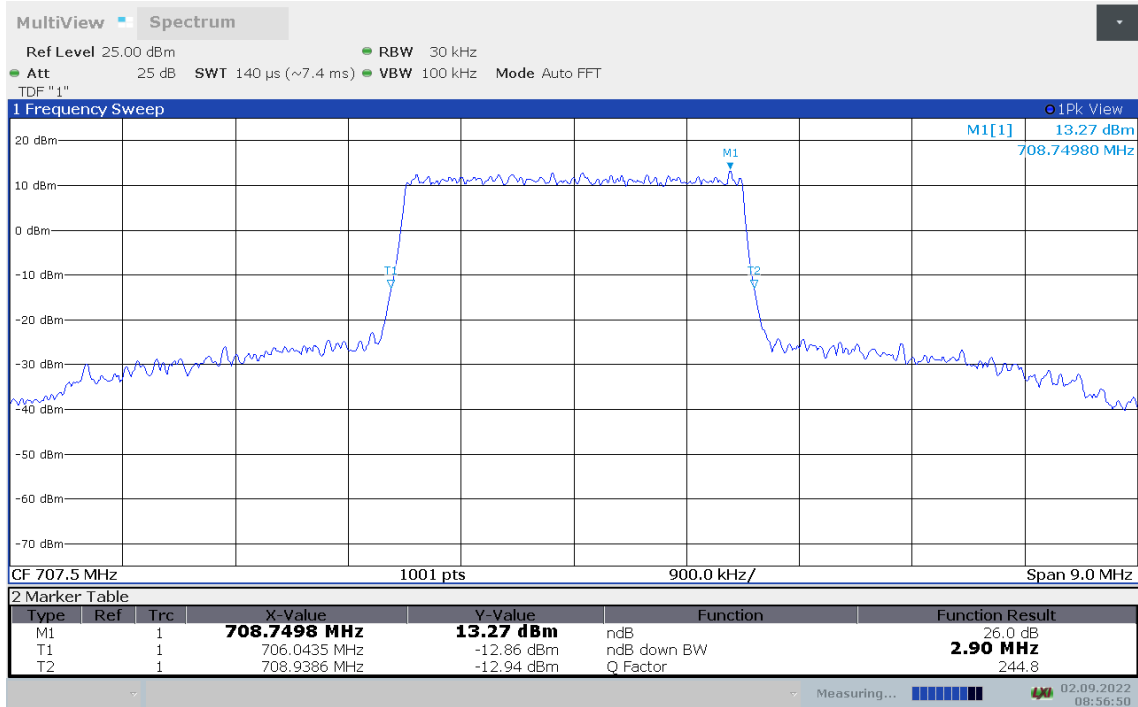




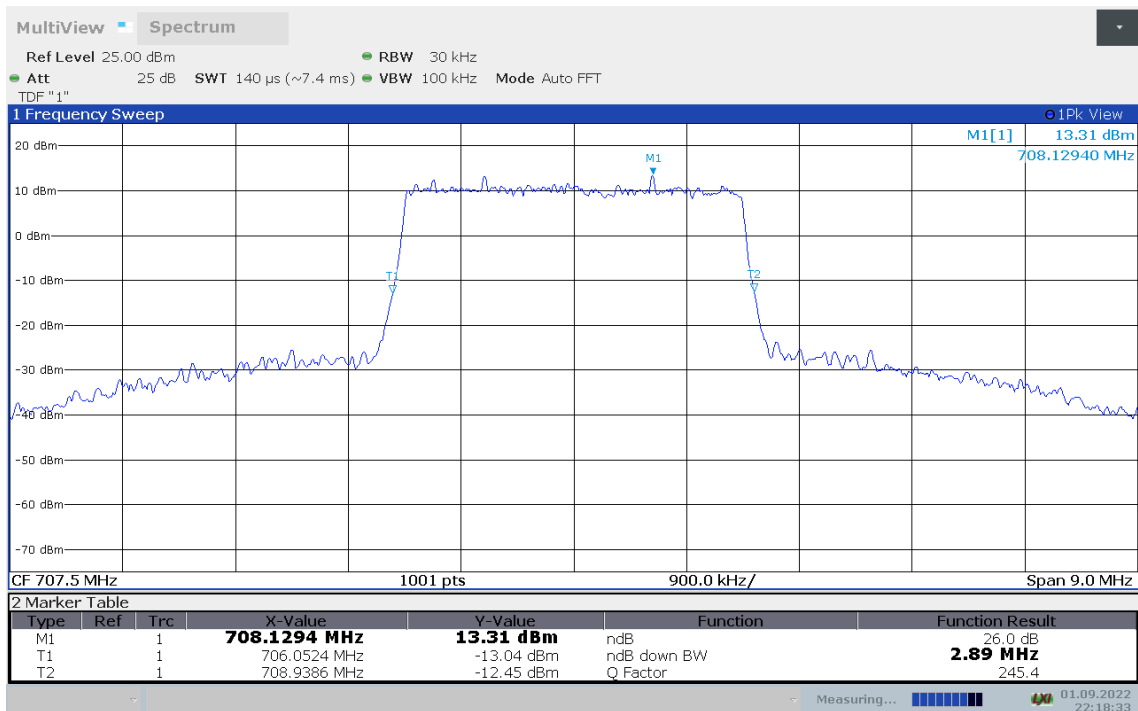
**LTE band 12, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	707.5	QPSK	16QAM
2.90		2.89	2.89

**LTE band 12, 3MHz Bandwidth, QPSK (-26dBc BW)**

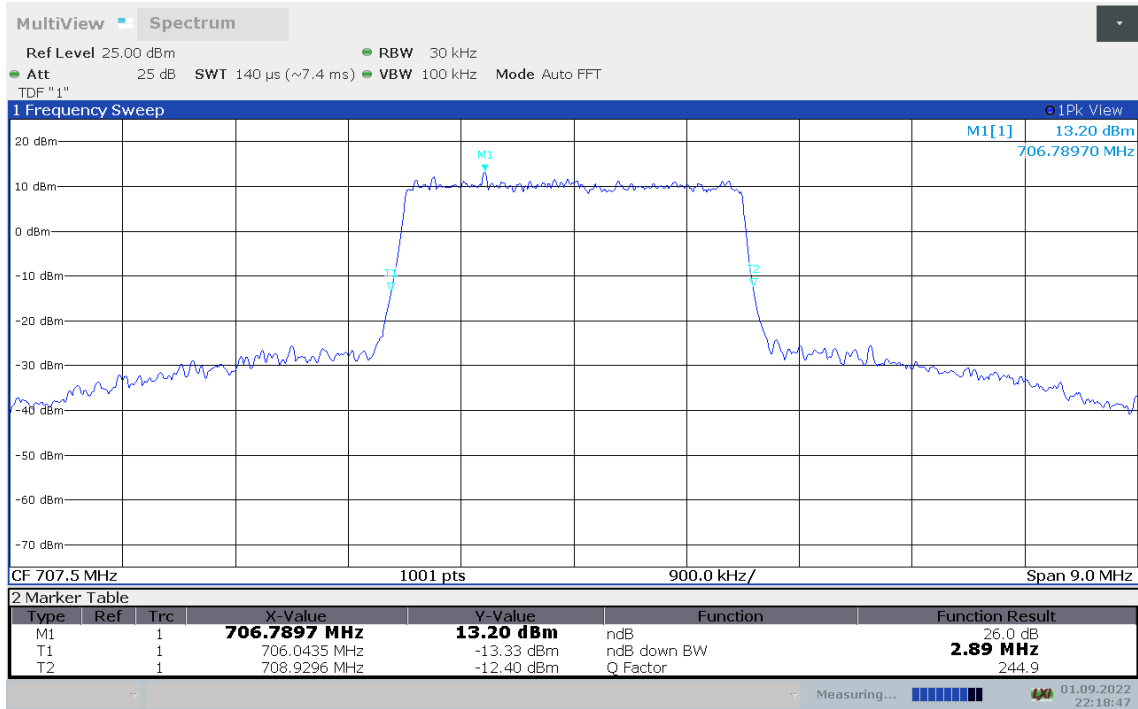


**LTE band 12, 3MHz Bandwidth, 16QAM (-26dBc BW)**





**LTE band 12, 3MHz Bandwidth, 64QAM (-26dBc BW)**

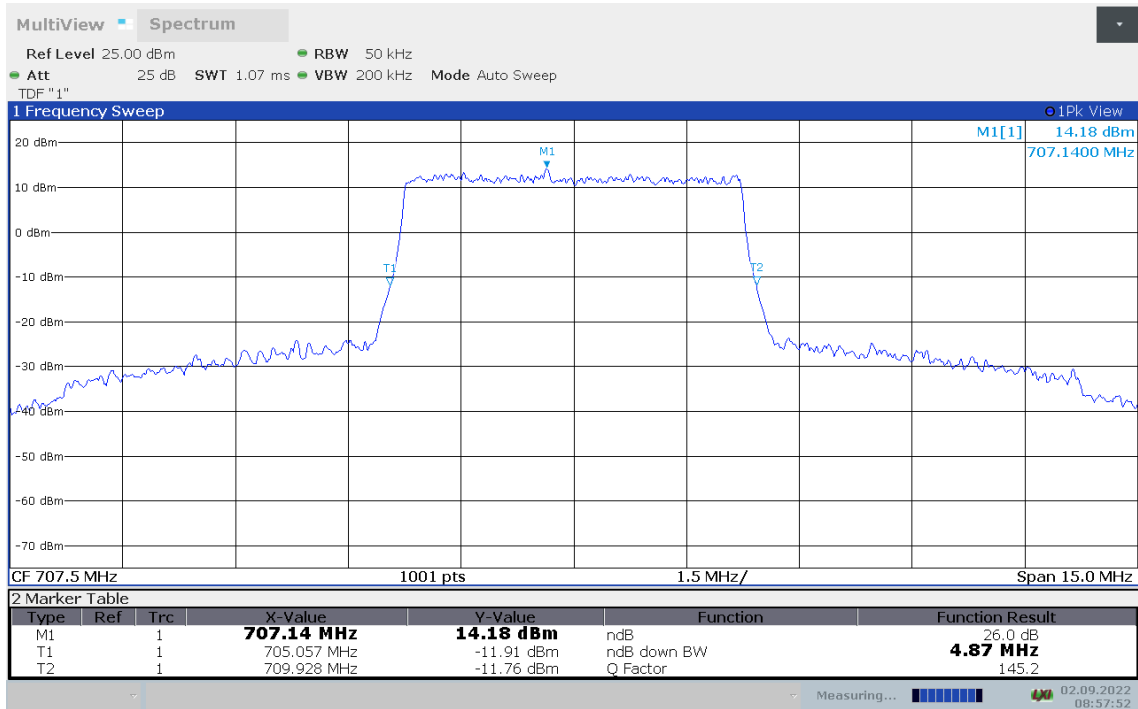




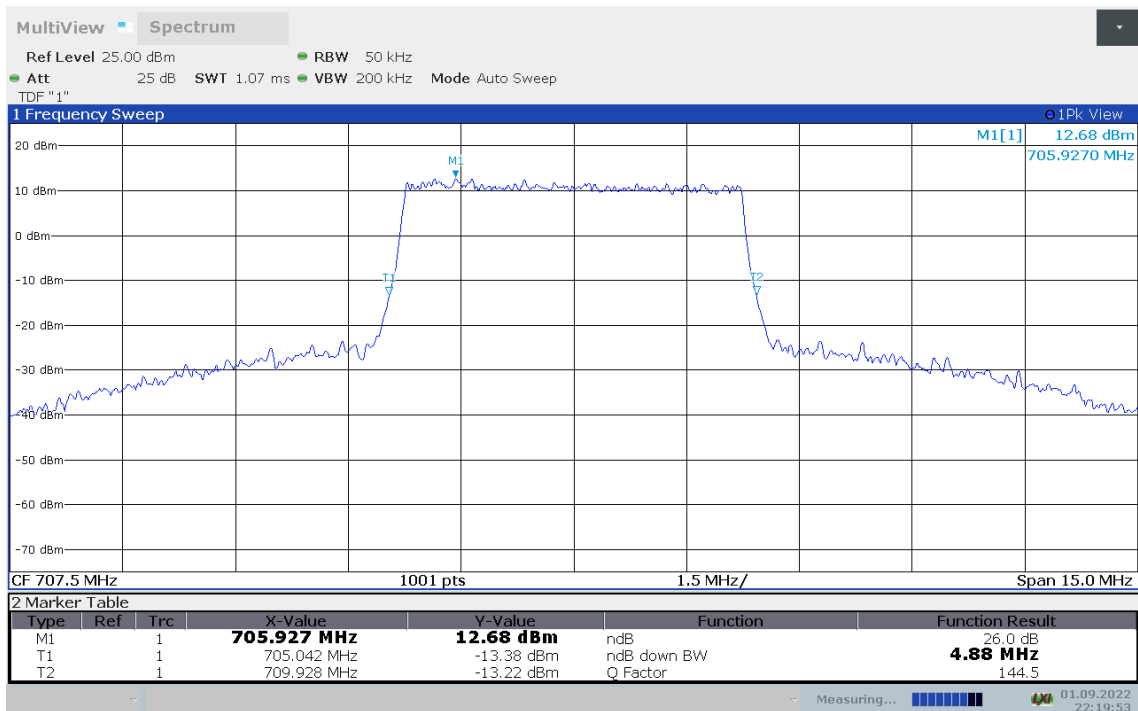
**LTE band 12, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
707.5	QPSK	16QAM	64QAM
	4.87	4.88	4.88

**LTE band 12, 5MHz Bandwidth, QPSK (-26dBc BW)**

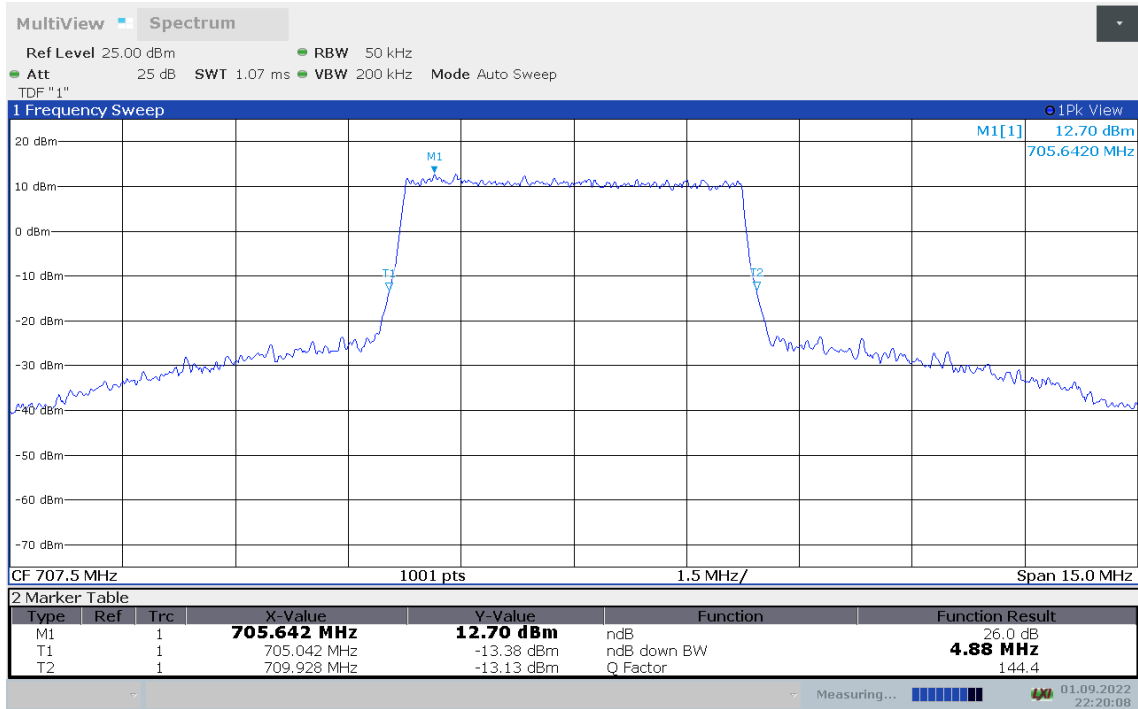


**LTE band 12, 5MHz Bandwidth,16QAM (-26dBc BW)**





LTE band 12, 5MHz Bandwidth,64QAM (-26dBc BW)

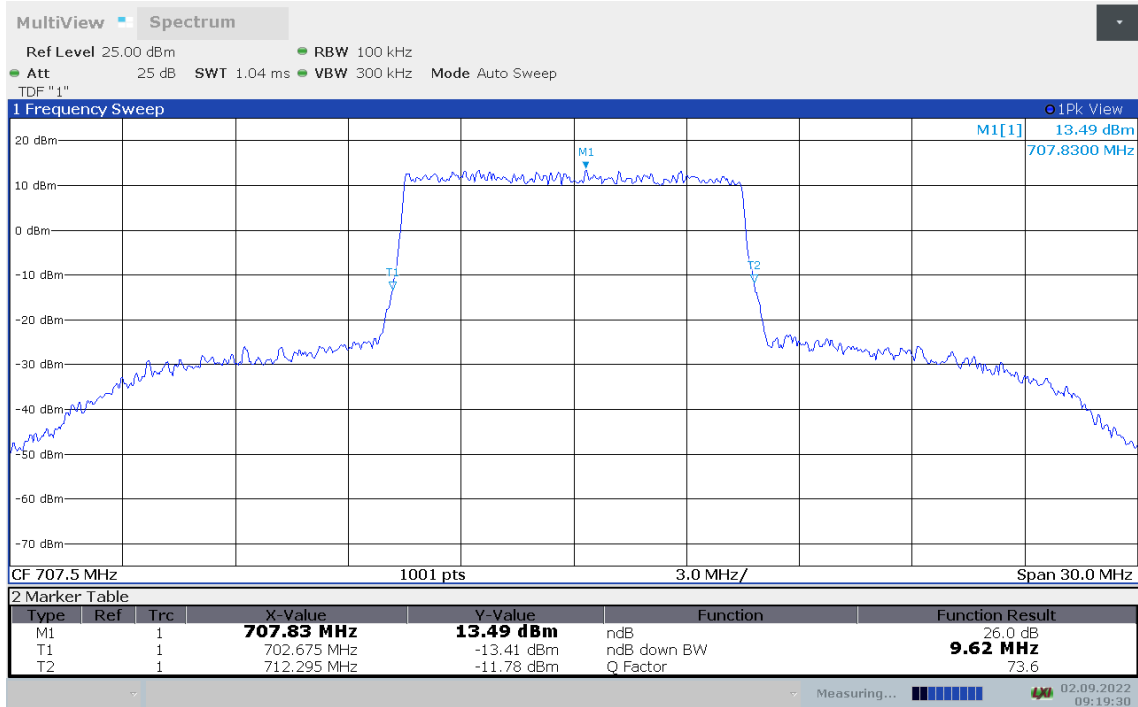




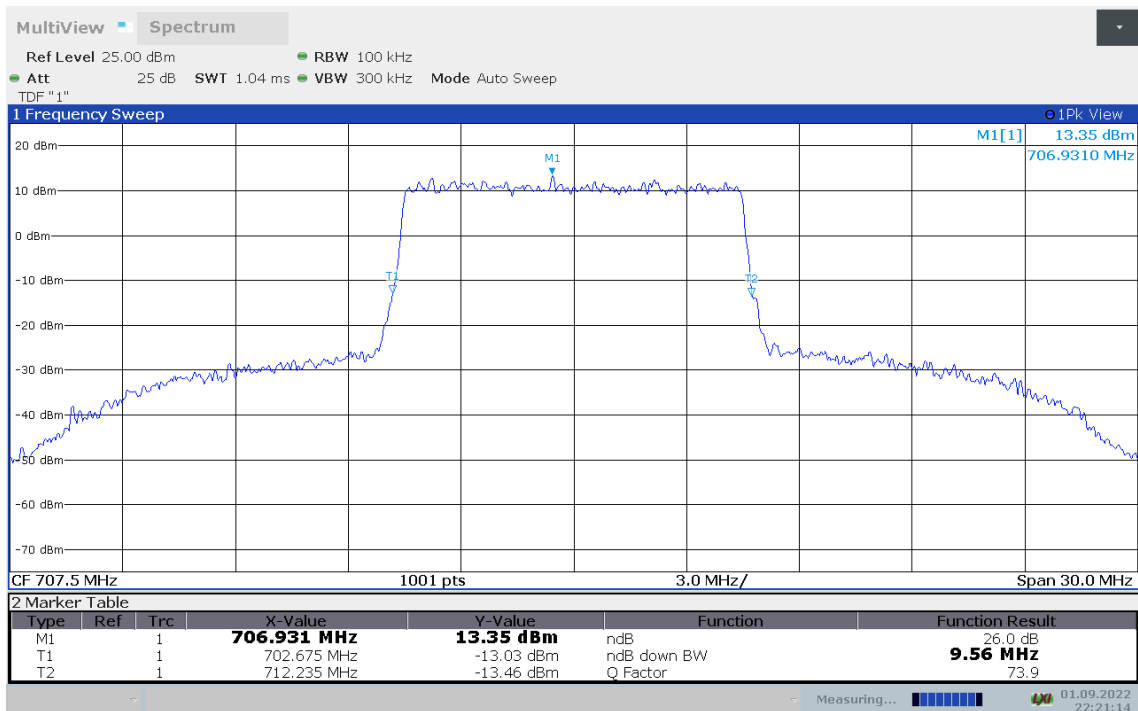
**LTE band 12, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
707.5	QPSK	16QAM	64QAM
	9.62	9.56	9.65

**LTE band 12, 10MHz Bandwidth, QPSK (-26dBc BW)**

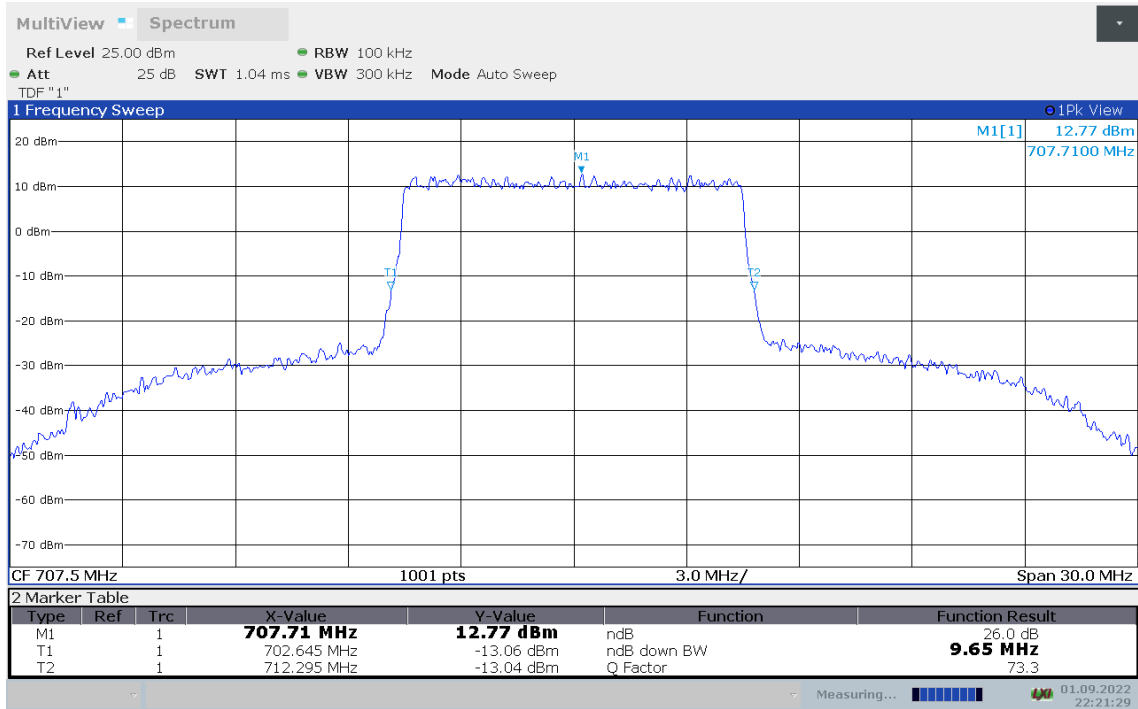


**LTE band 12, 10MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 12, 10MHz Bandwidth, 64QAM (-26dBc BW)

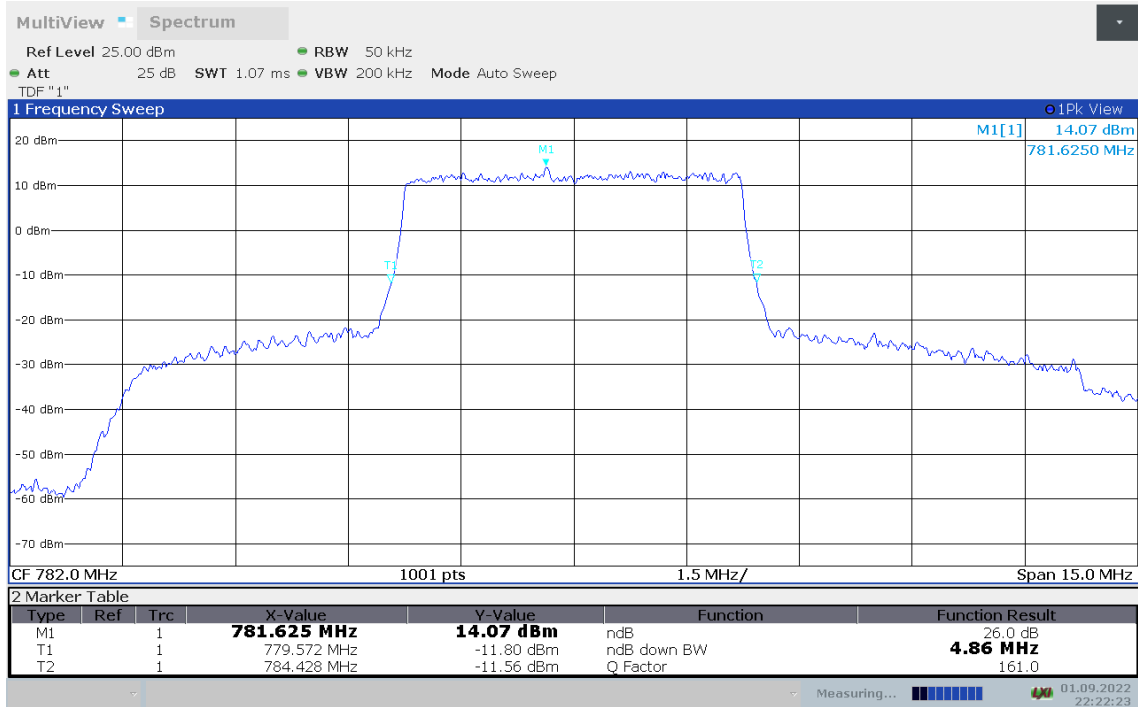




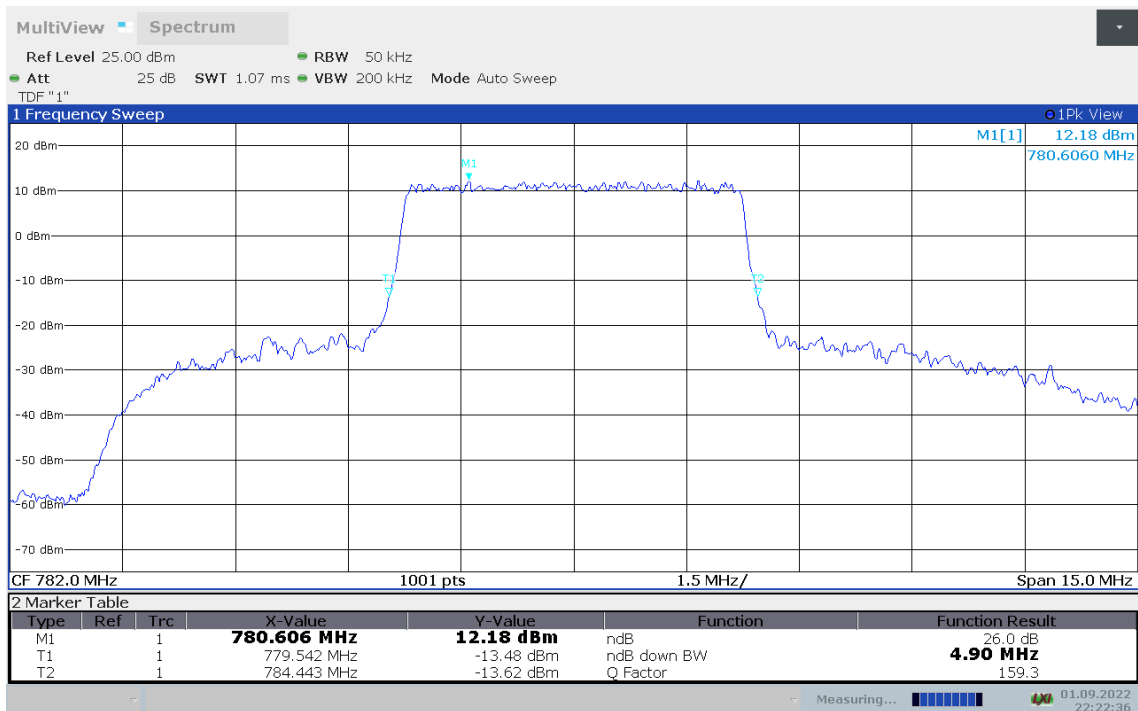
**LTE band 13, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	782.0	QPSK	16QAM
4.86		4.90	4.90

**LTE band 13, 5MHz Bandwidth, QPSK (-26dBc BW)**



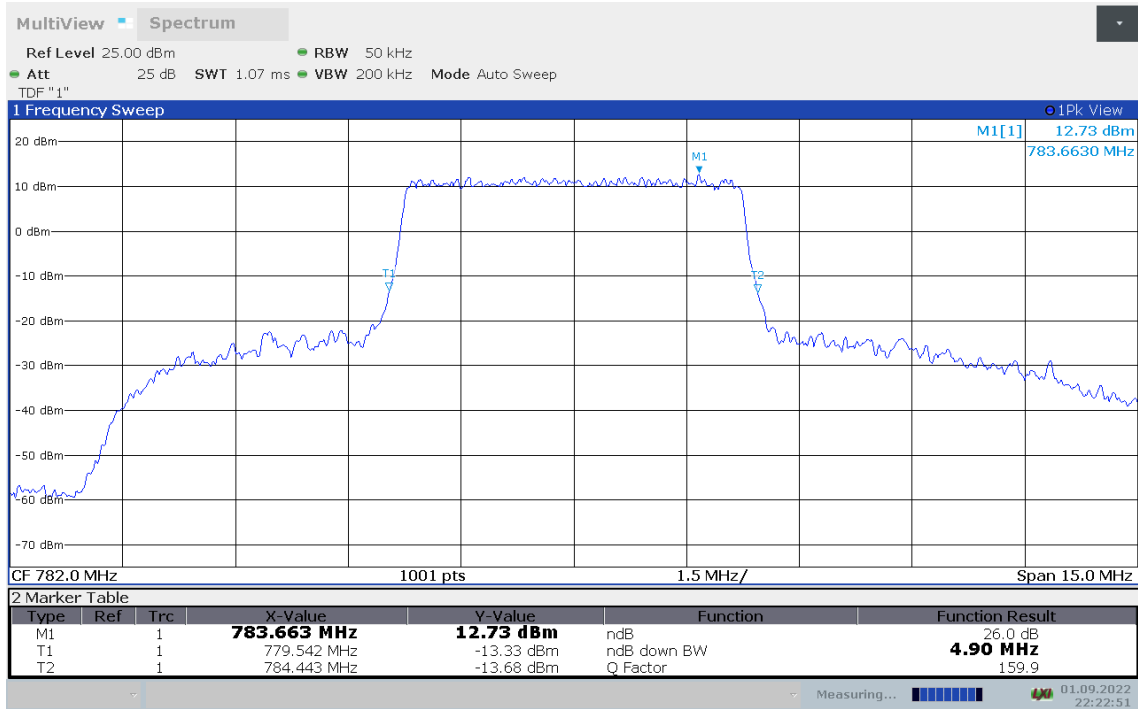
**LTE band 13, 5MHz Bandwidth,16QAM (-26dBc BW)**







LTE band 13, 5MHz Bandwidth,64QAM (-26dBc BW)

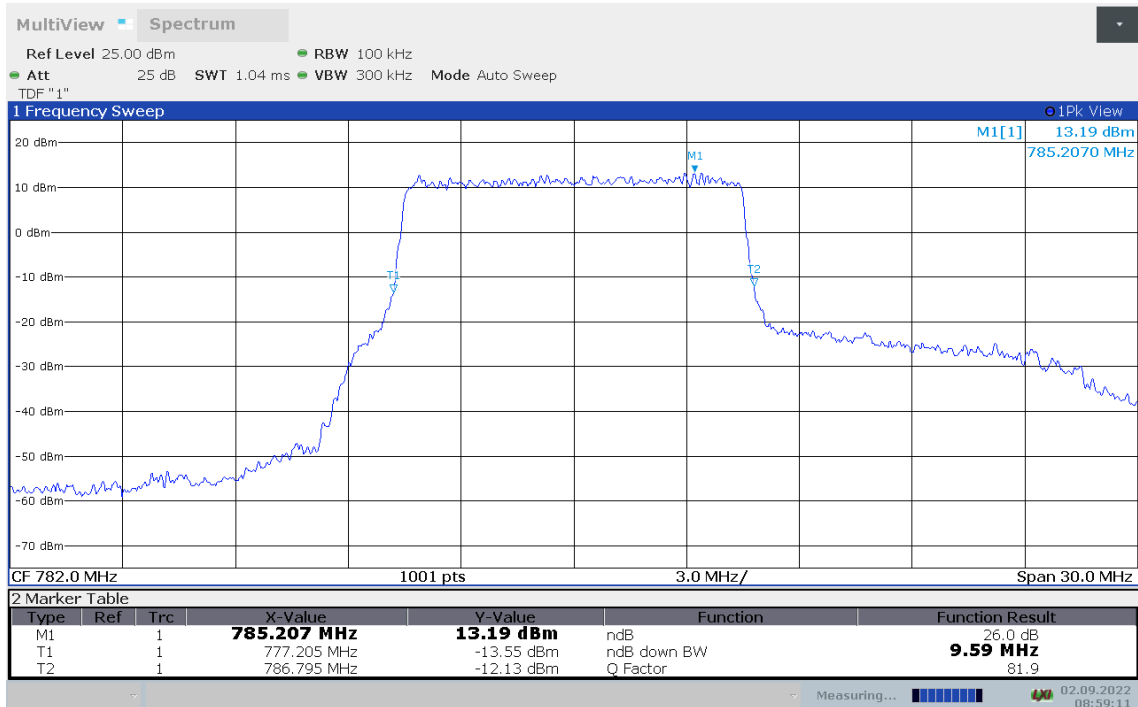




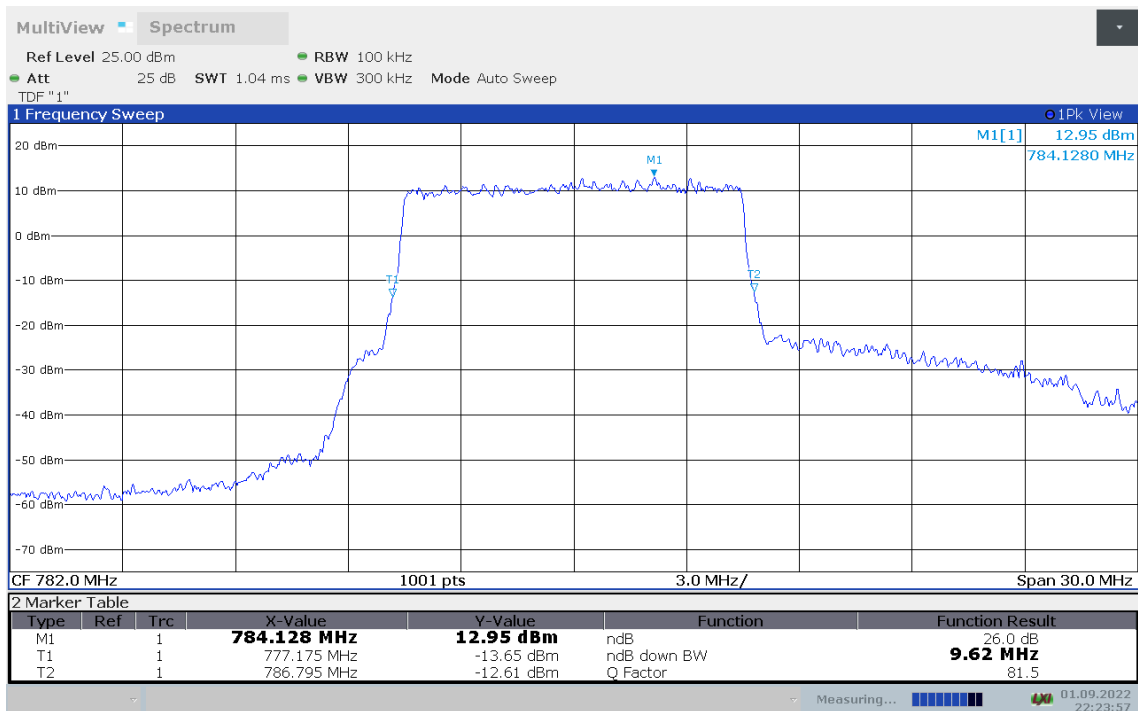
**LTE band 13, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
782.0	QPSK	16QAM	64QAM
	9.59	9.62	9.56

**LTE band 13, 10MHz Bandwidth, QPSK (-26dBc BW)**

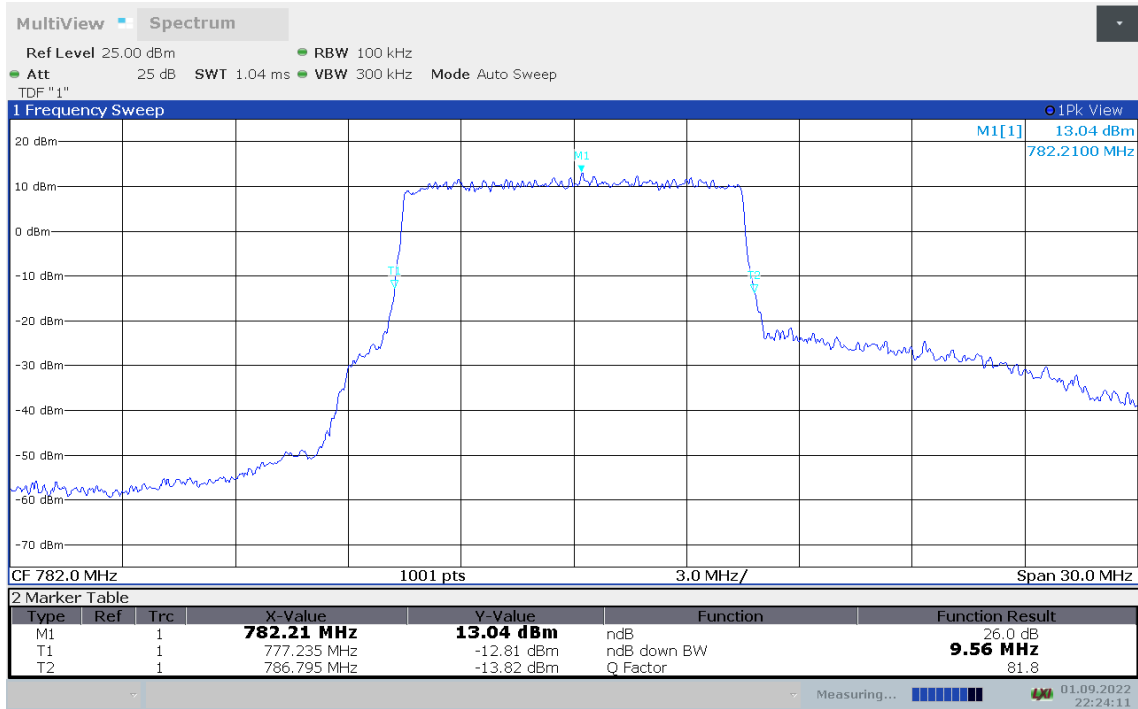


**LTE band 13, 10MHz Bandwidth, 16QAM (-26dBc BW)**





**LTE band 13, 10MHz Bandwidth, 64QAM (-26dBc BW)**

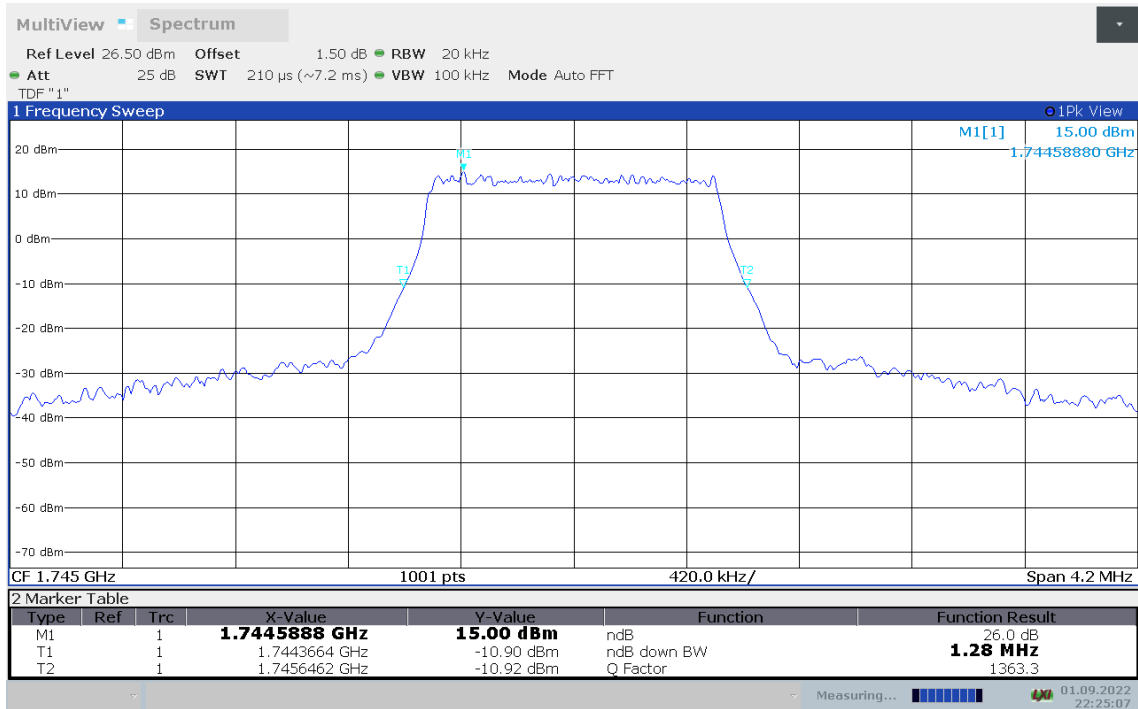




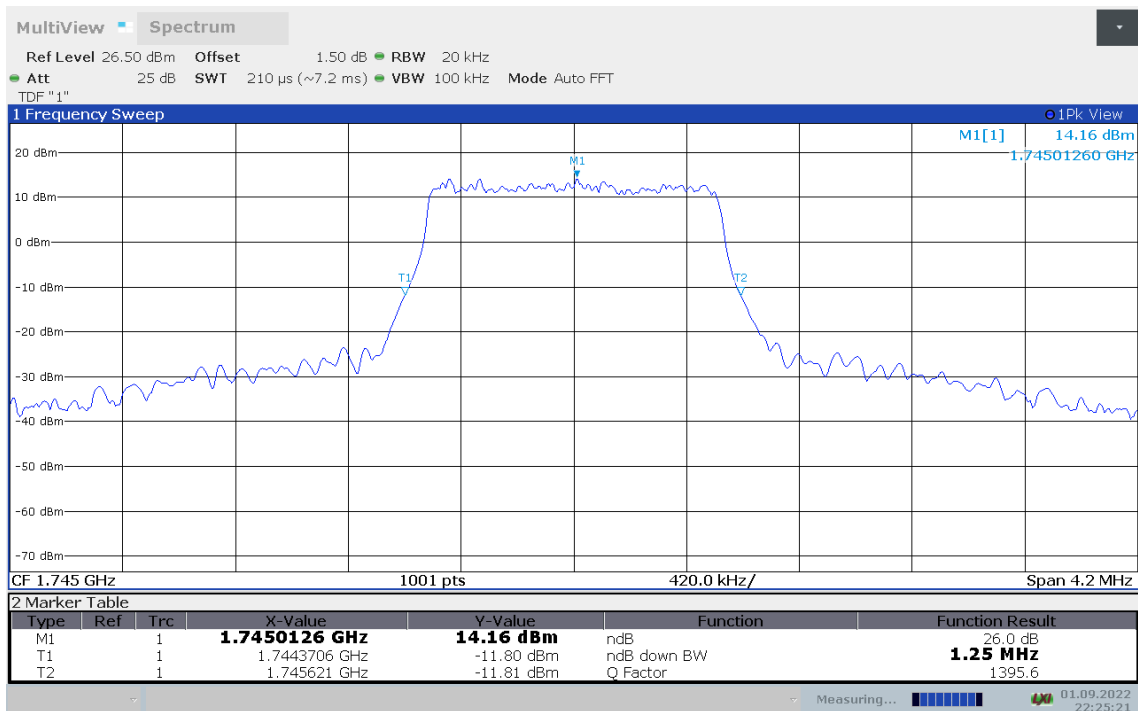
**LTE band 66, 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	1745.0	QPSK	16QAM
1.28		1.25	1.25

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

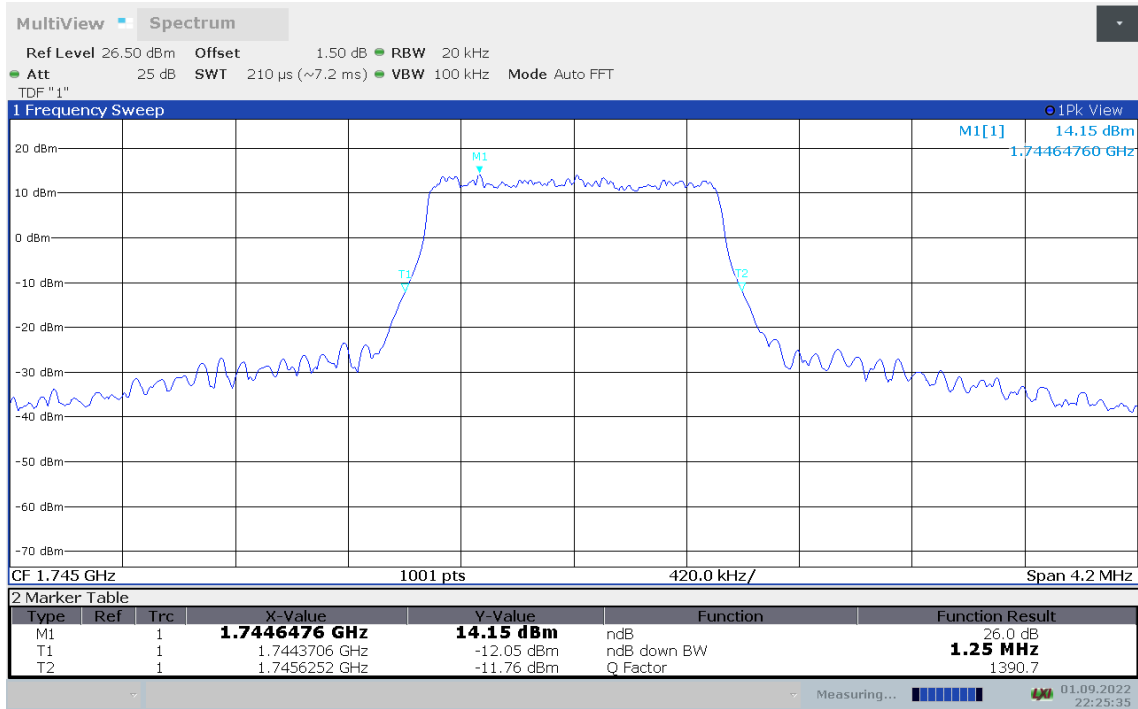


**LTE band 66, 1.4MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 66, 1.4MHz Bandwidth, 64QAM (-26dBc BW)

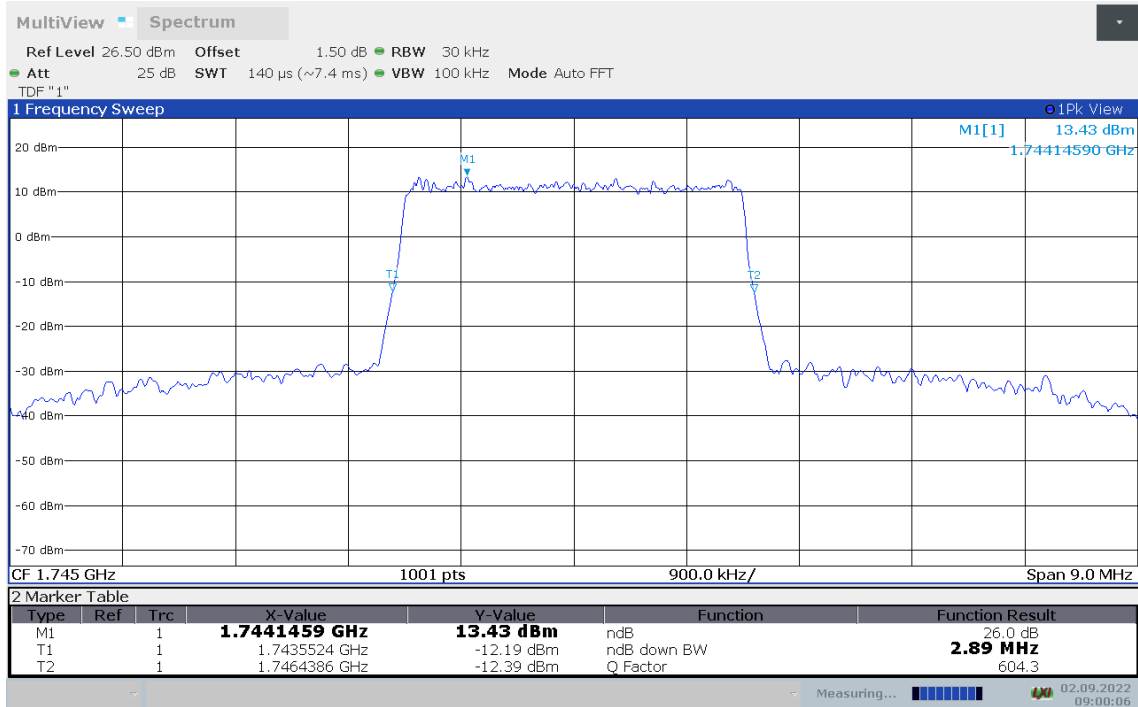




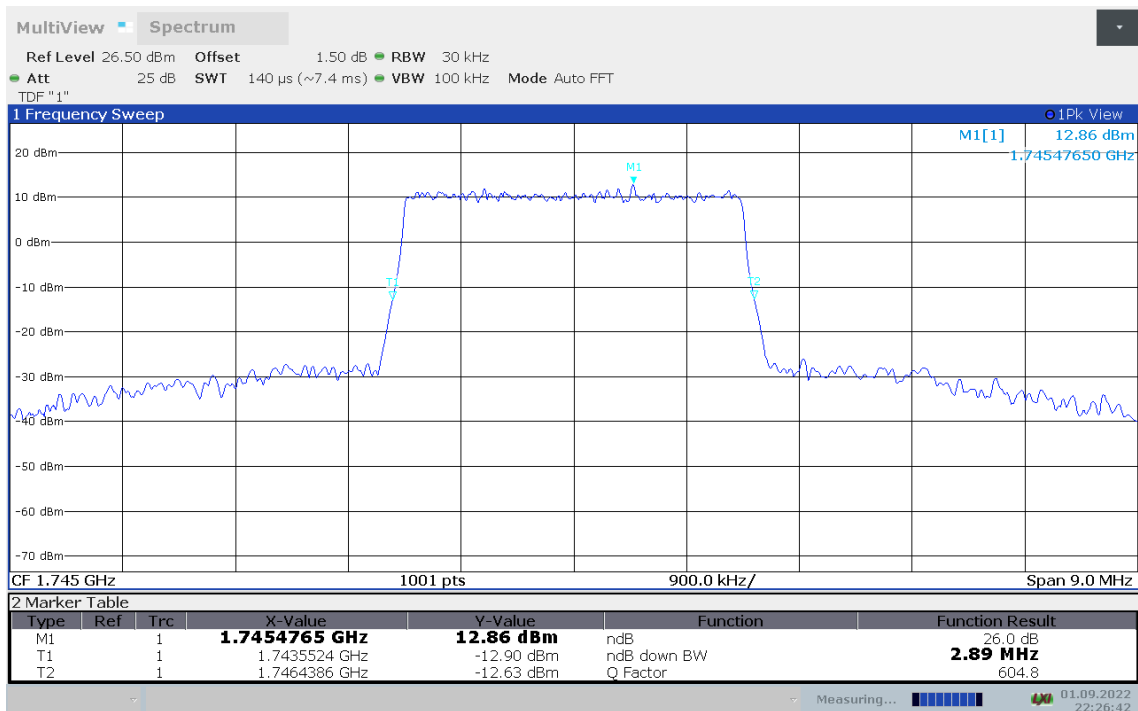
**LTE band 66, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	1745.0	QPSK	16QAM
2.89		2.89	2.90

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

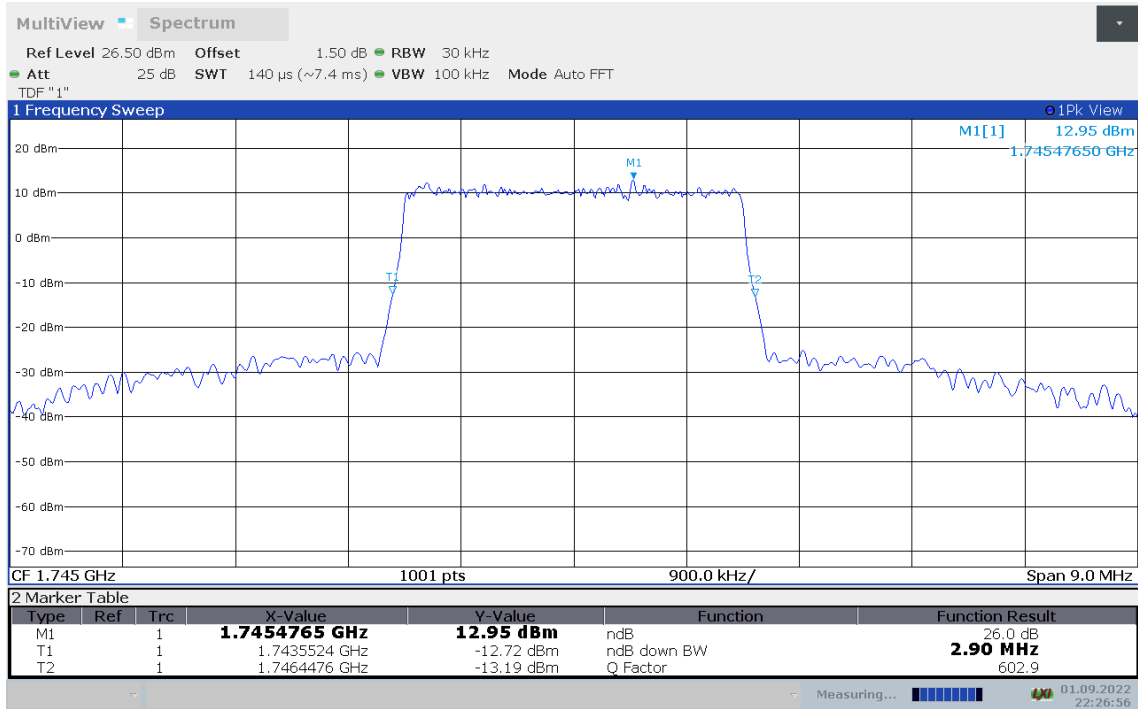


**LTE band 66, 3MHz Bandwidth, 16QAM (-26dBc BW)**





**LTE band 66, 3MHz Bandwidth, 64QAM (-26dBc BW)**

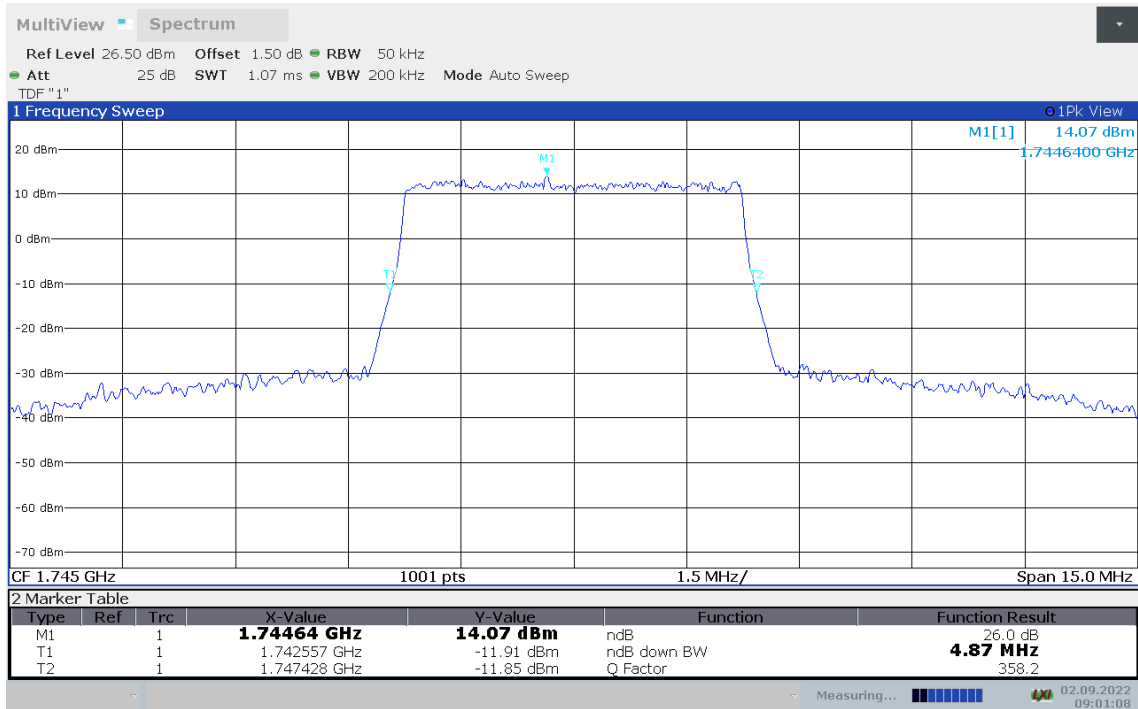




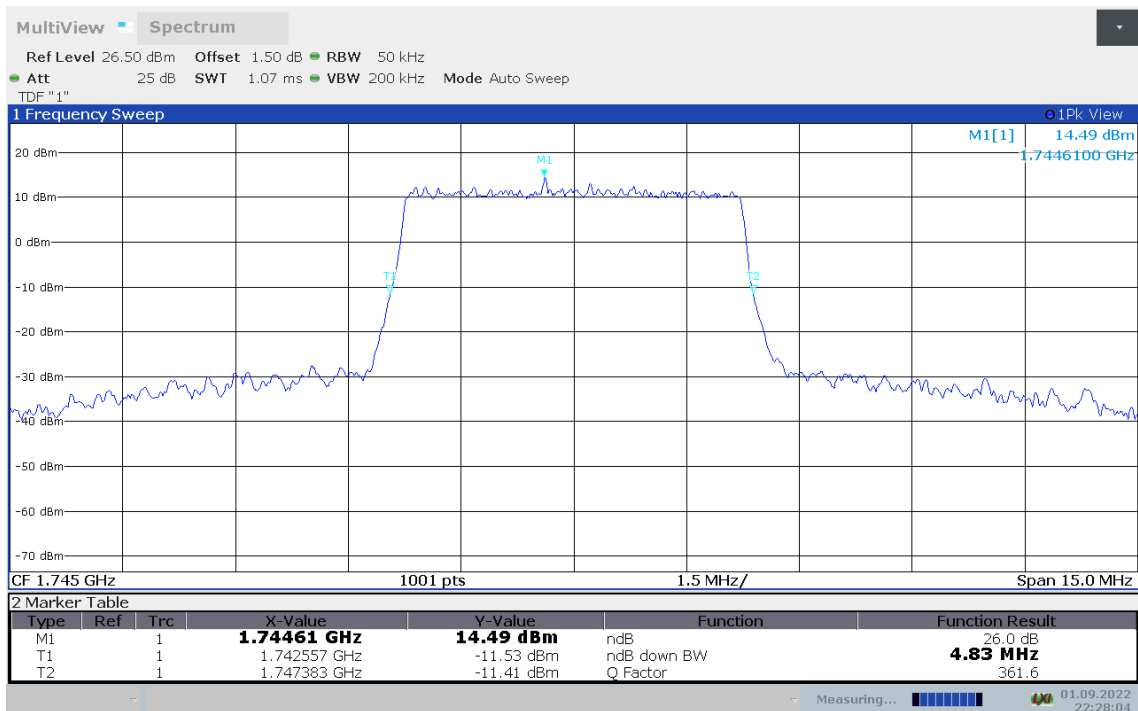
**LTE band 66, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	4.87	4.83	4.83

**LTE band 66, 5MHz Bandwidth, QPSK (-26dBc BW)**



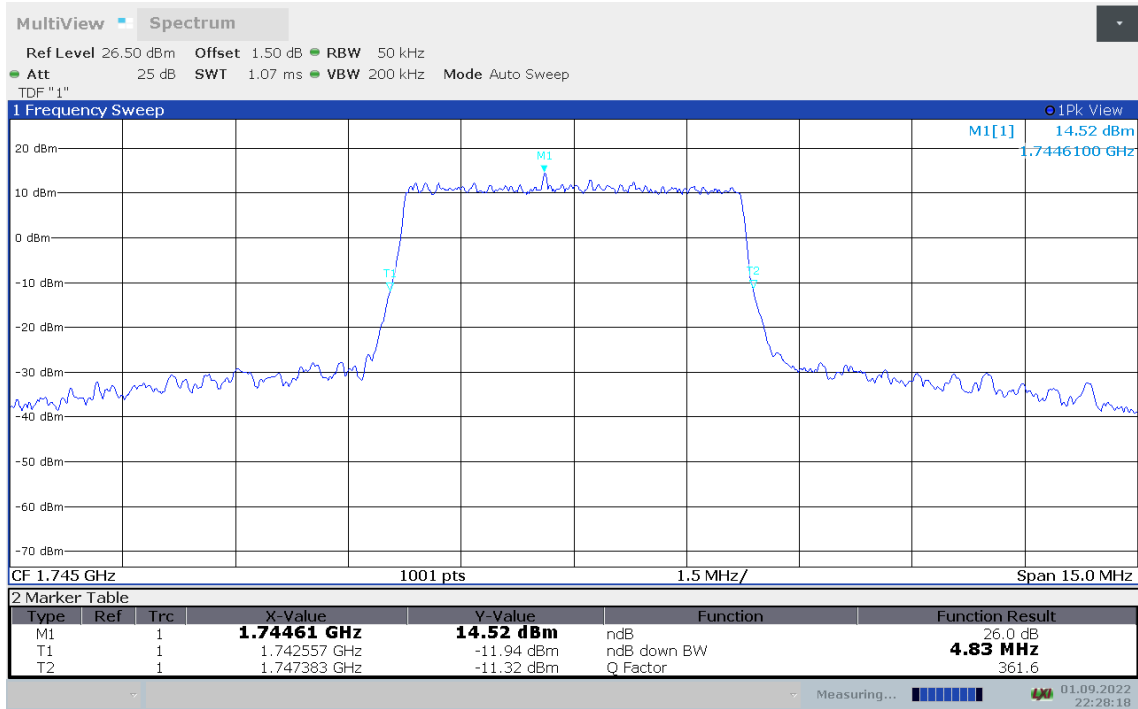
**LTE band 66, 5MHz Bandwidth,16QAM (-26dBc BW)**







LTE band 66, 5MHz Bandwidth,64QAM (-26dBc BW)

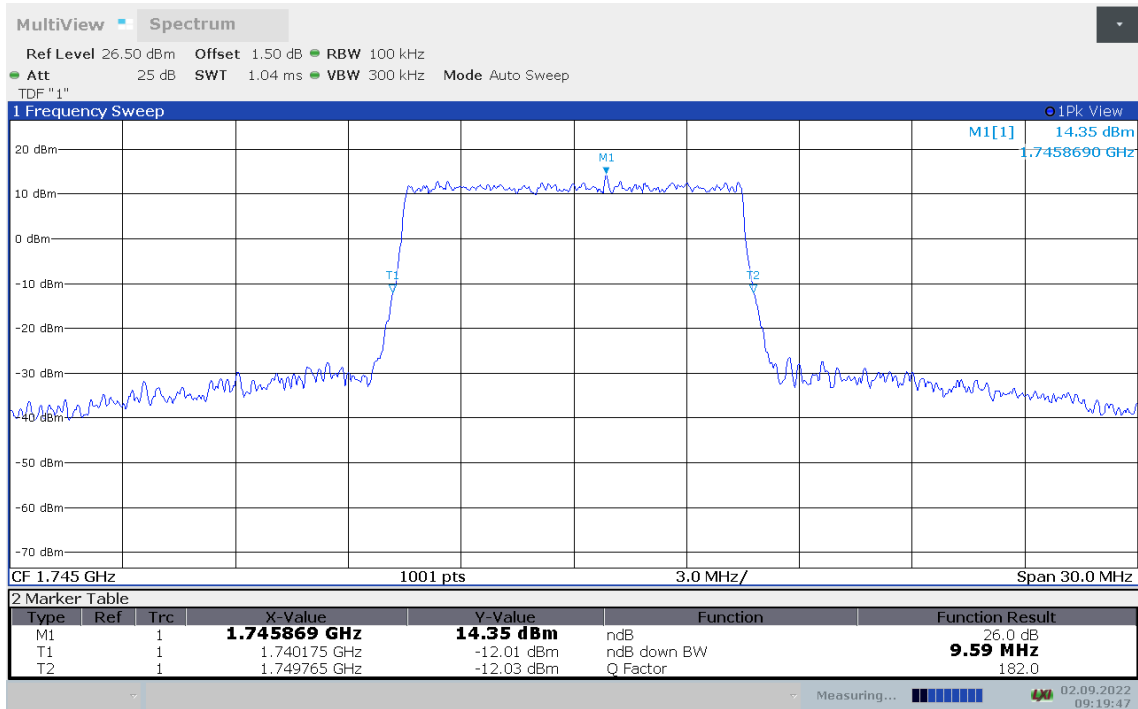




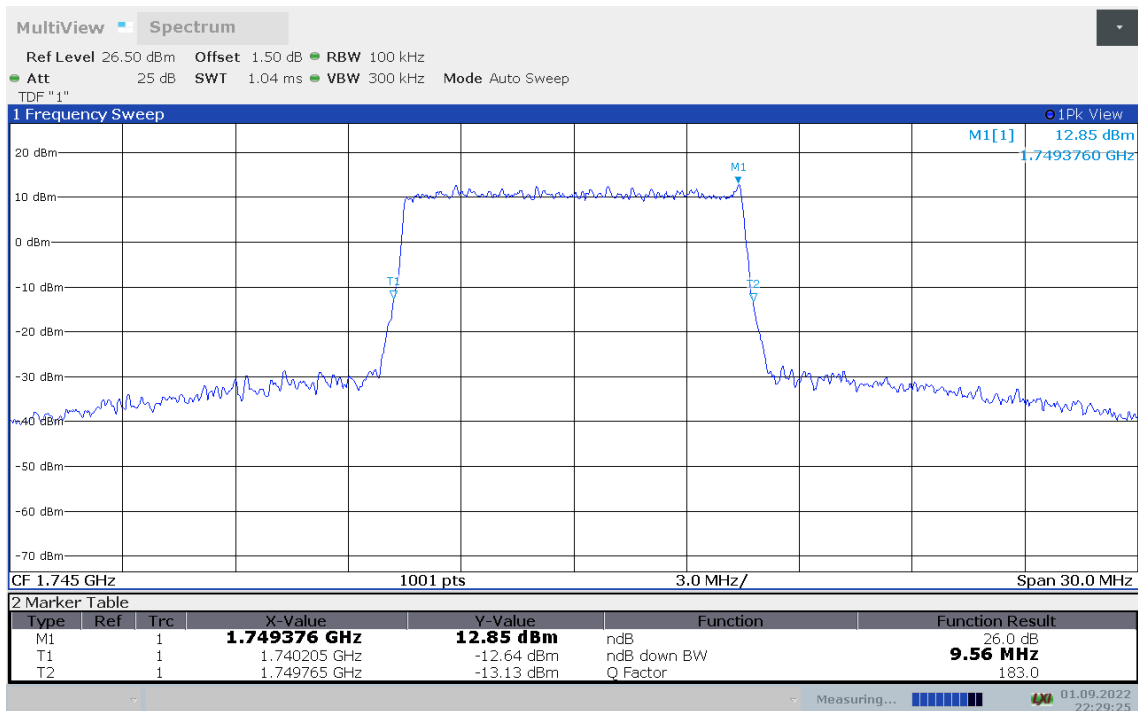
**LTE band 66, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	9.59	9.56	9.59

**LTE band 66, 10MHz Bandwidth, QPSK (-26dBc BW)**

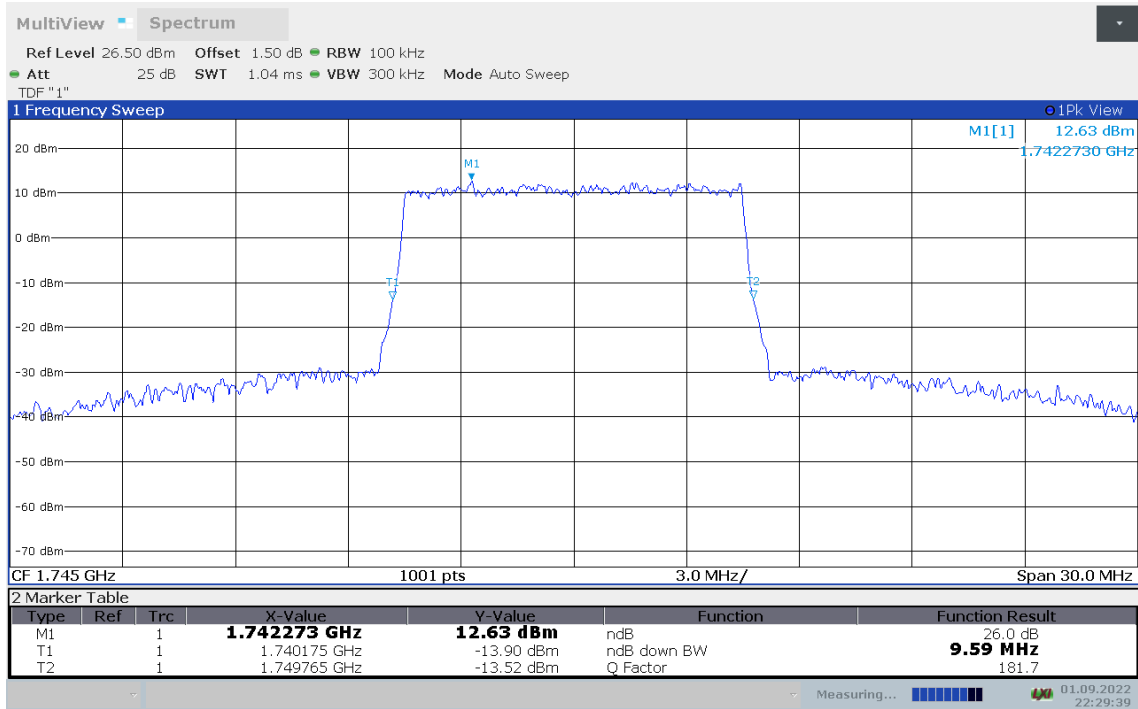


**LTE band 66, 10MHz Bandwidth, 16QAM (-26dBc BW)**





**LTE band 66, 10MHz Bandwidth, 64QAM (-26dBc BW)**

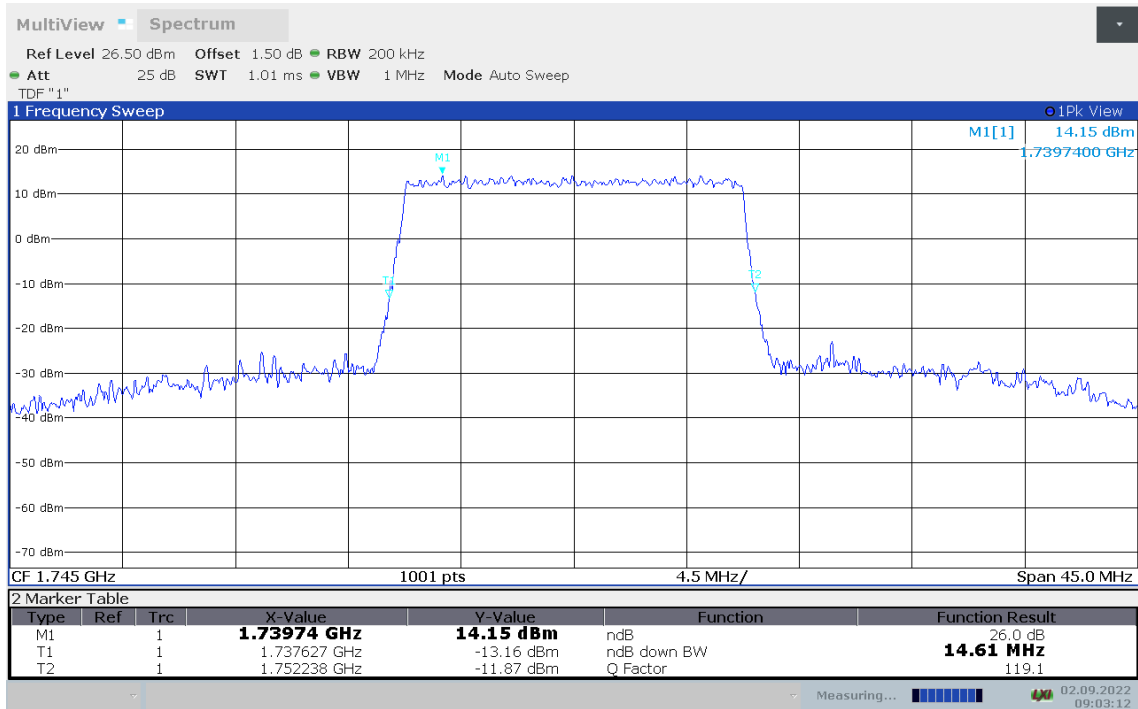




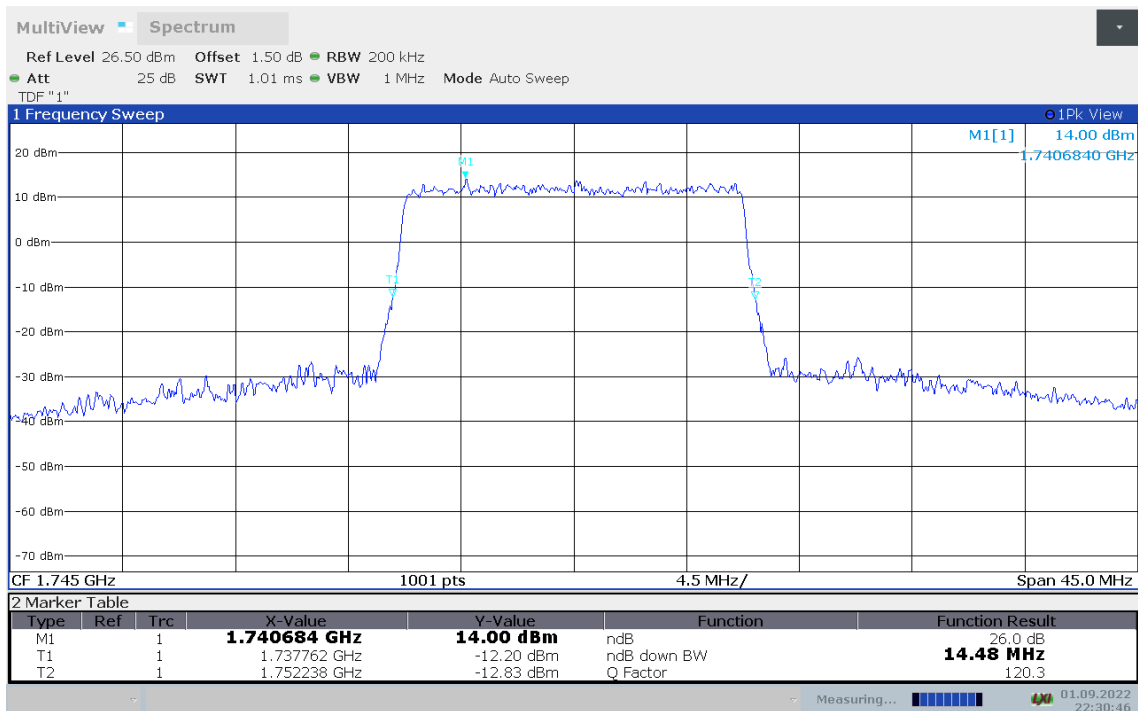
**LTE band 66, 15MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	1745.0	QPSK	16QAM
	14.61	14.48	14.52

**LTE band 66, 15MHz Bandwidth, QPSK (-26dBc BW)**

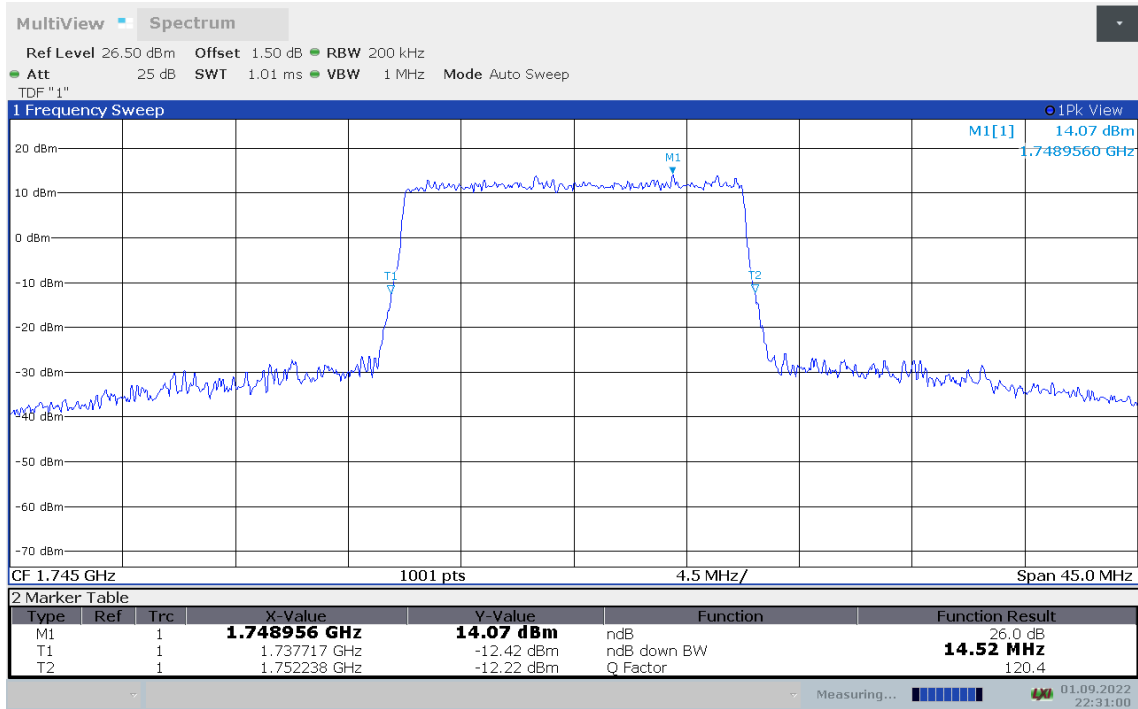


**LTE band 66, 15MHz Bandwidth, 16QAM (-26dBc BW)**





**LTE band 66, 15MHz Bandwidth, 64QAM (-26dBc BW)**

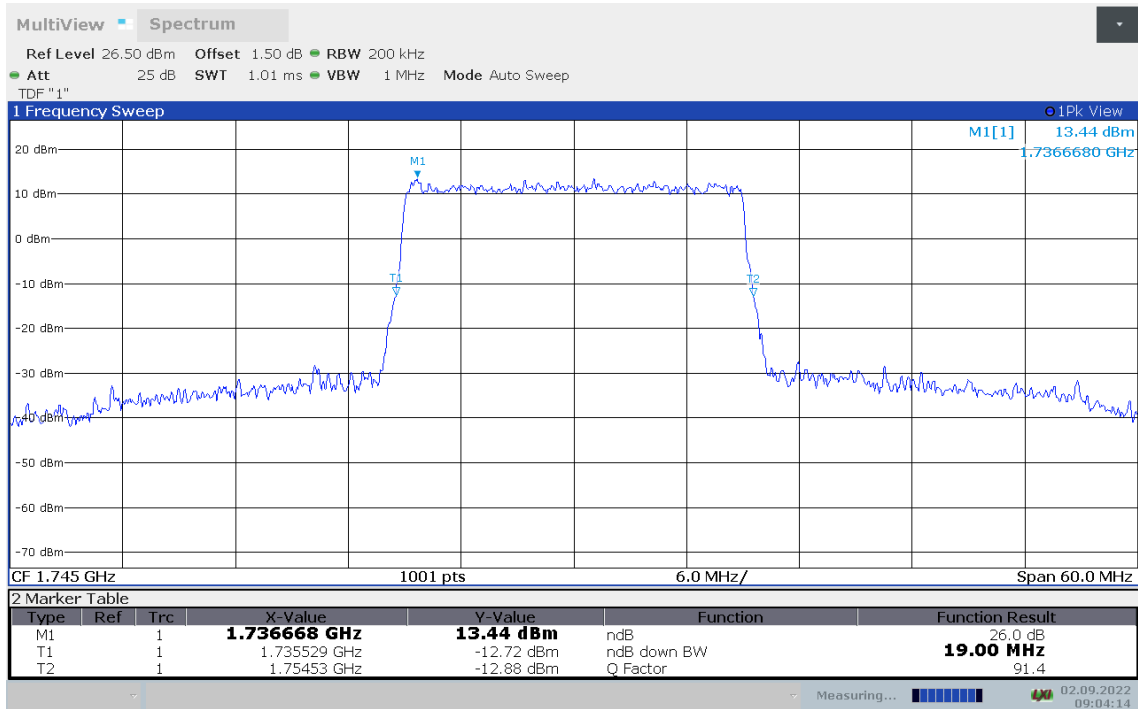




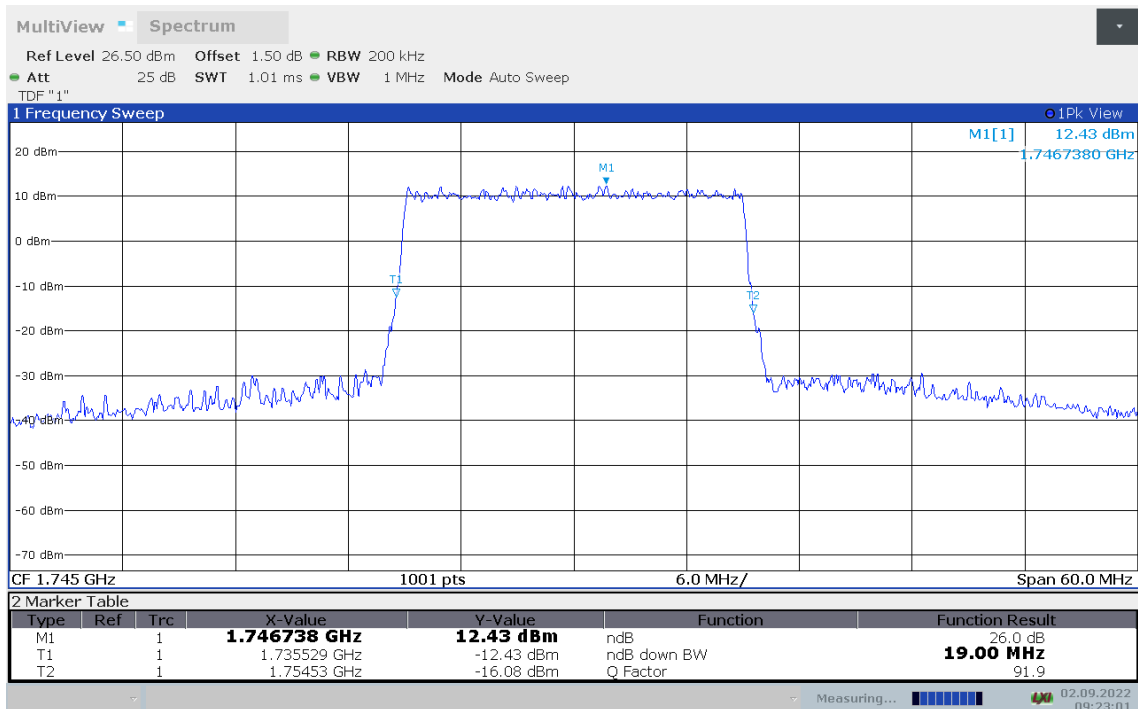
**LTE band 66, 20MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	19.00	19.00	19.06

**LTE band 66, 20MHz Bandwidth, QPSK (-26dBc BW)**

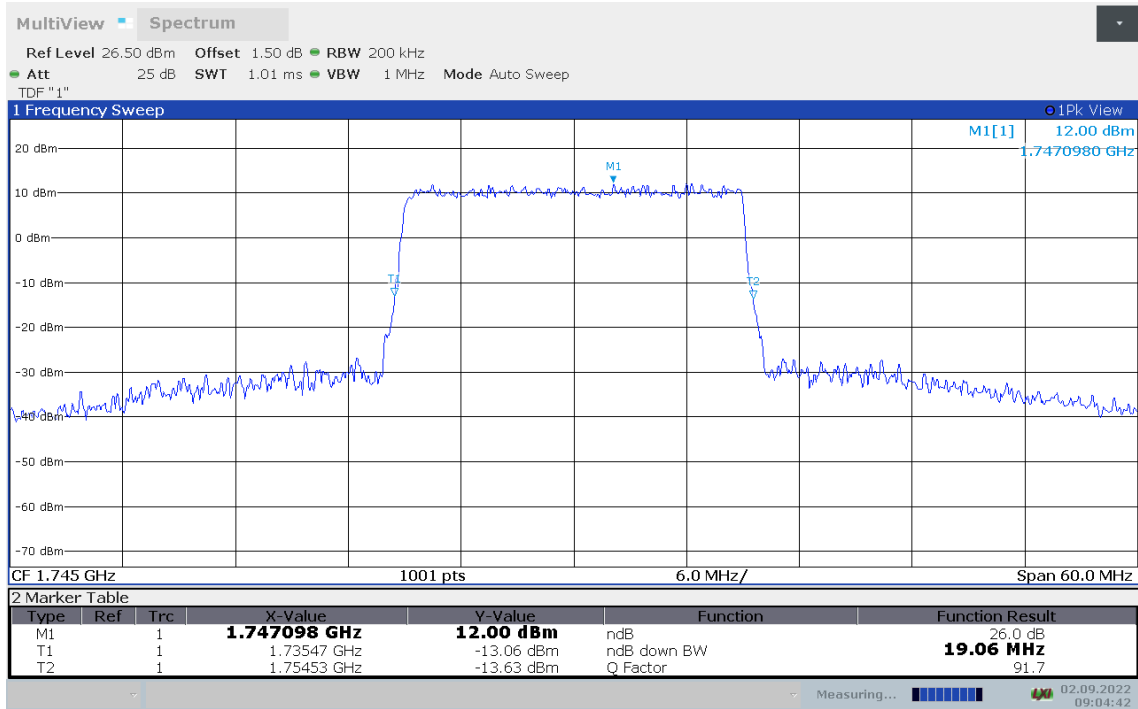


**LTE band 66, 20MHz Bandwidth, 16QAM (-26dBc BW)**





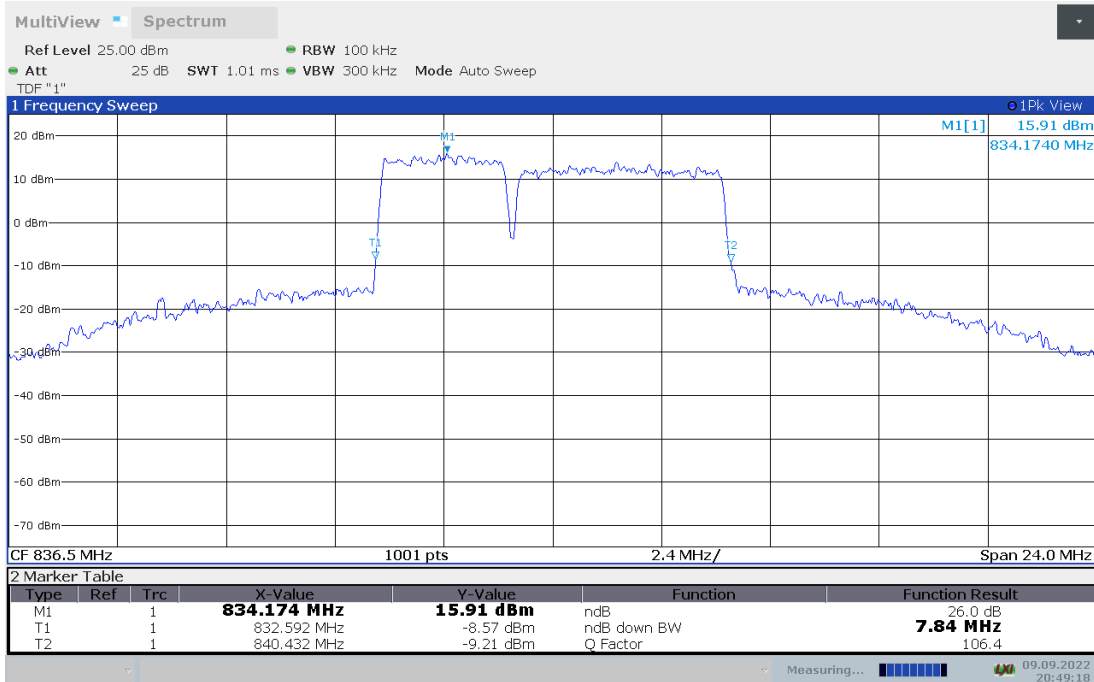
**LTE band 66, 20MHz Bandwidth, 64QAM (-26dBc BW)**



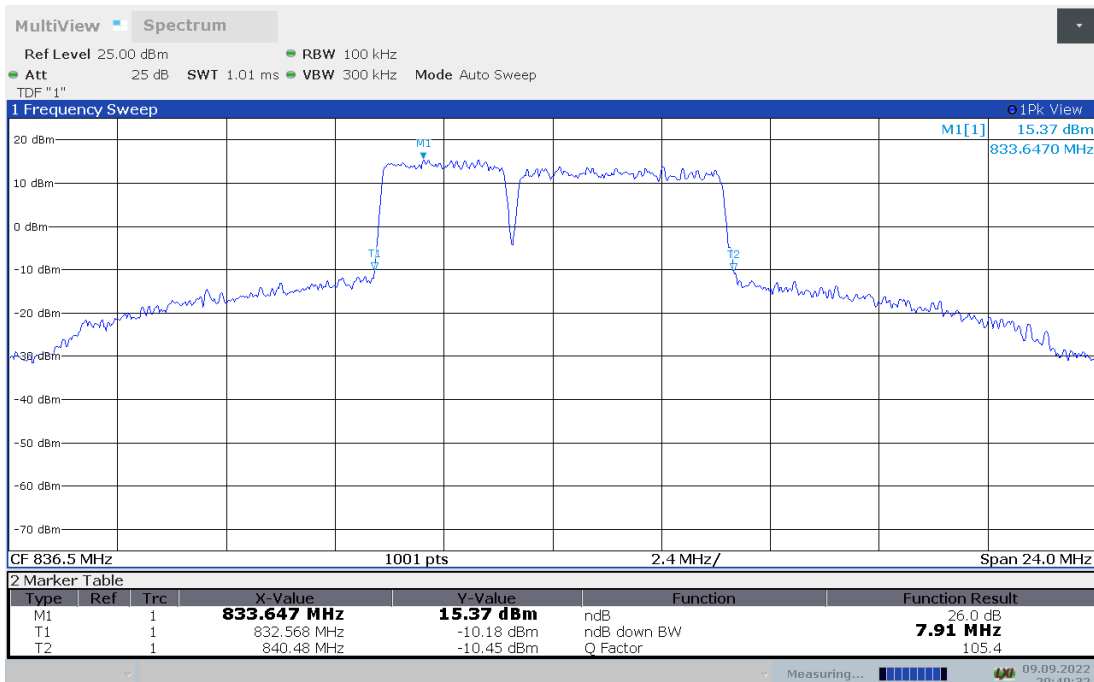
**LTE CA\_5B,3MHz+5MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
836.5	7.84	7.91	7.89

**LTE CA\_5B , 3MHz+5MHz Bandwidth,QPSK (-26dBc BW)**

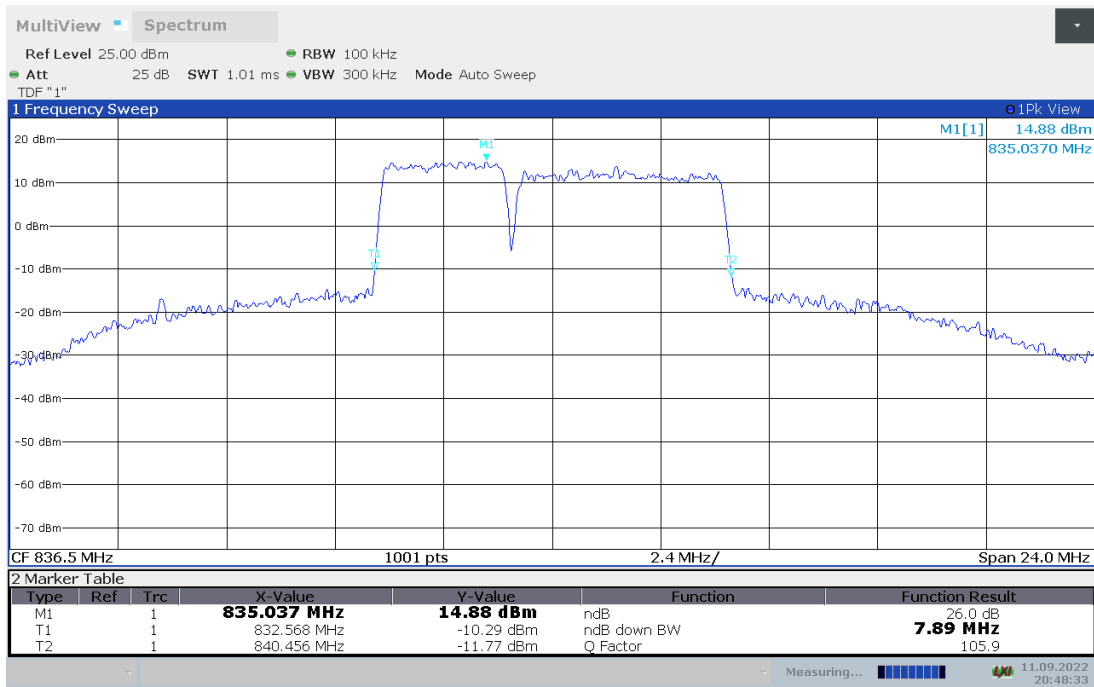


**LTE CA\_5B , 3MHz+5MHz Bandwidth,16QAM (-26dBc BW)**



**LTE CA\_5B , 3MHz+5MHz Bandwidth,64QAM (-26dBc BW)**



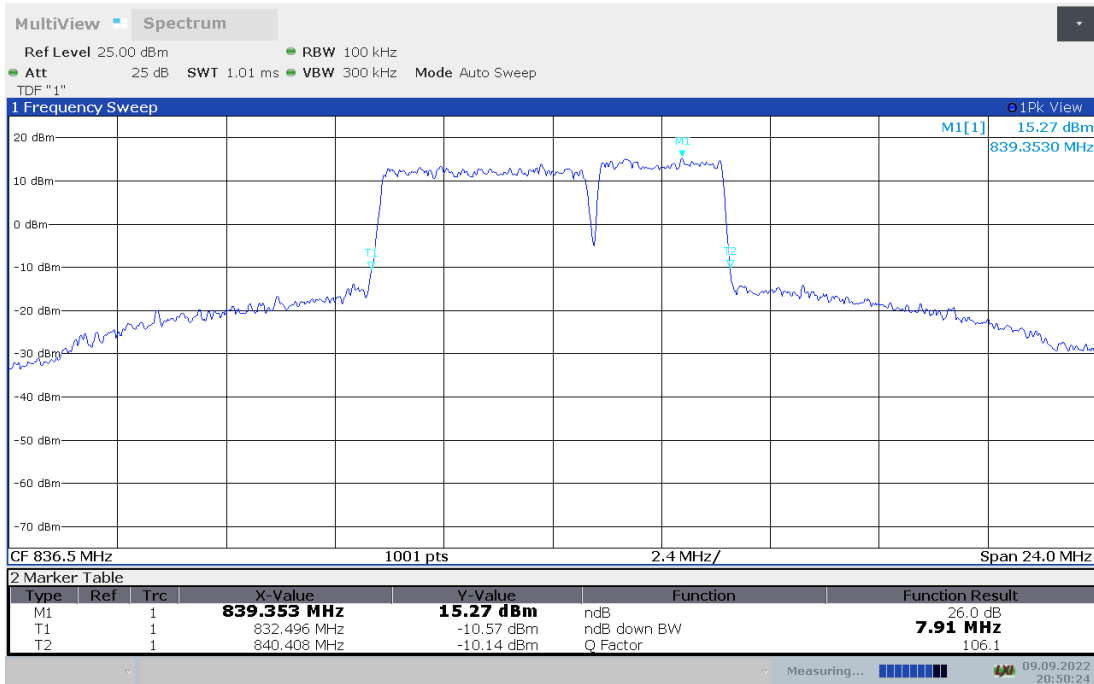




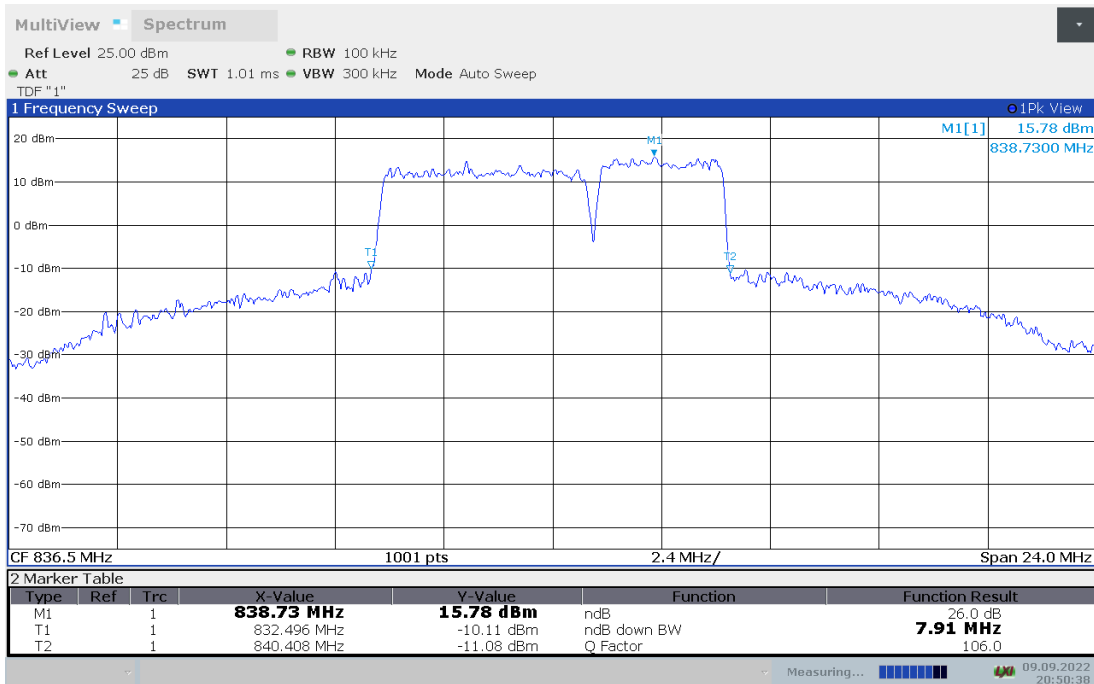
**LTE CA\_5B,5MHz+3MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
836.5	7.91	7.91	7.89

**LTE CA\_5B , 5MHz+3MHz Bandwidth,QPSK (-26dBc BW)**

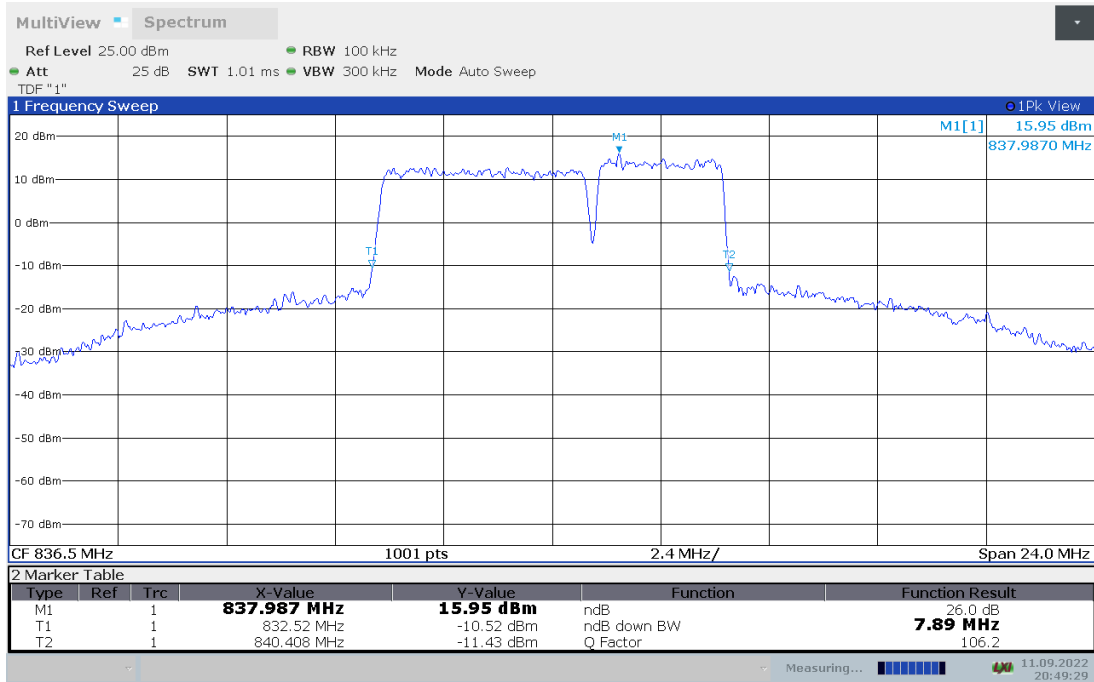


**LTE CA\_5B , 5MHz+3MHz Bandwidth,16QAM (-26dBc BW)**





LTE CA\_5B , 5MHz+3MHz Bandwidth,64QAM (-26dBc BW)

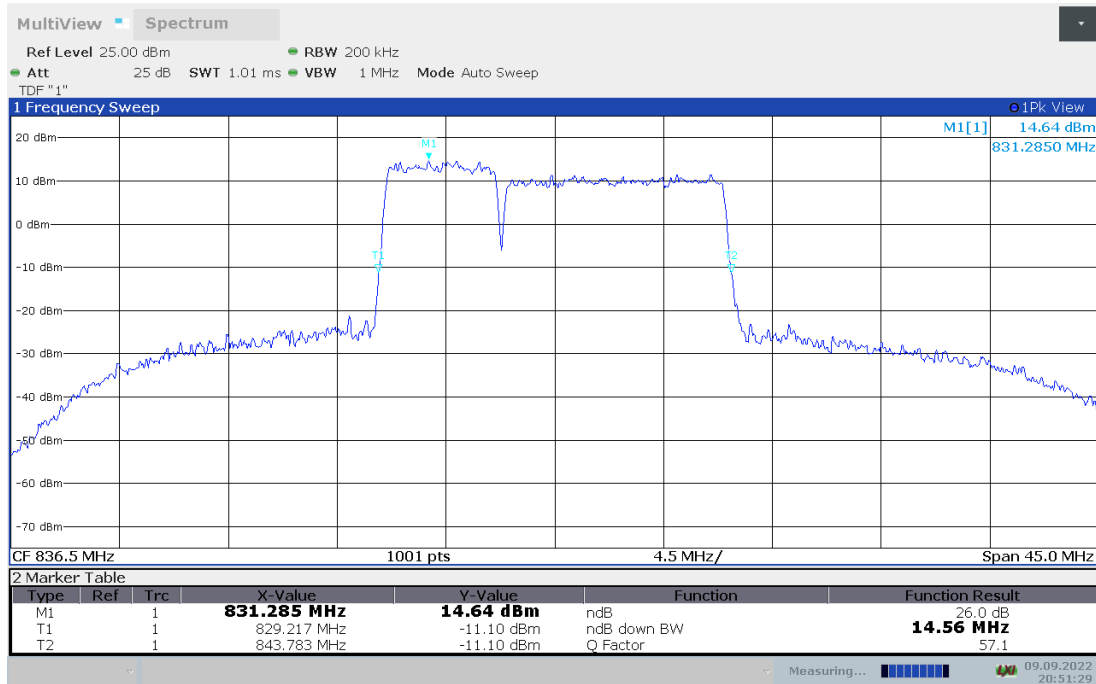




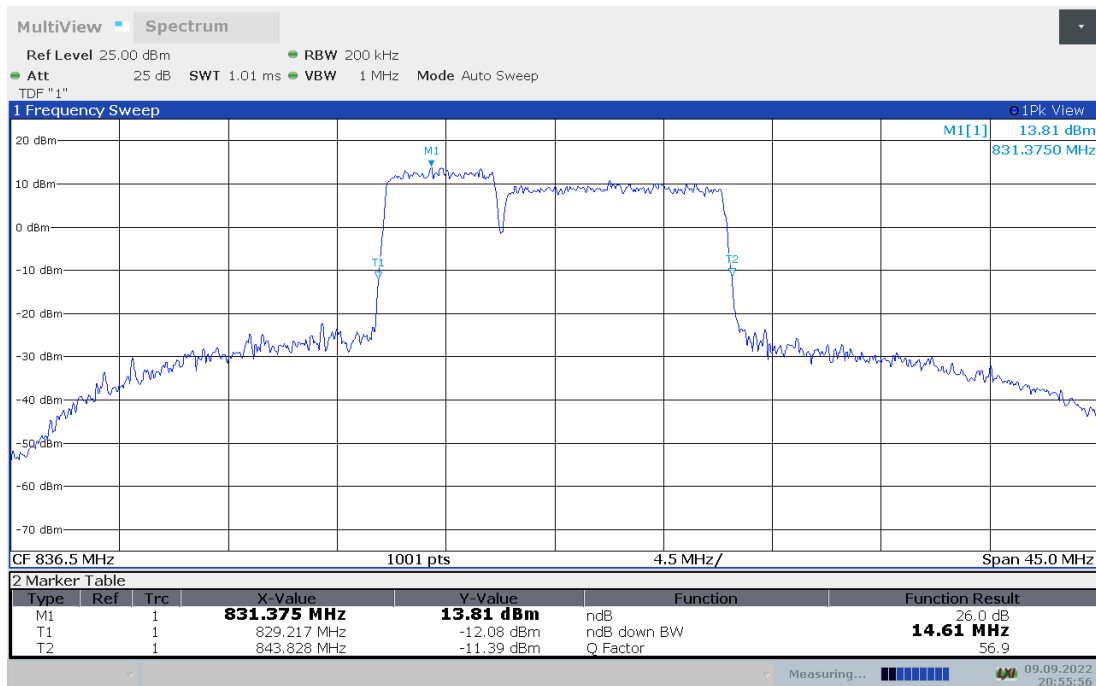
**LTE CA\_5B,5MHz+10MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
836.5	14.56	14.61	14.65

**LTE CA\_5B , 5MHz+10MHz Bandwidth,QPSK (-26dBc BW)**

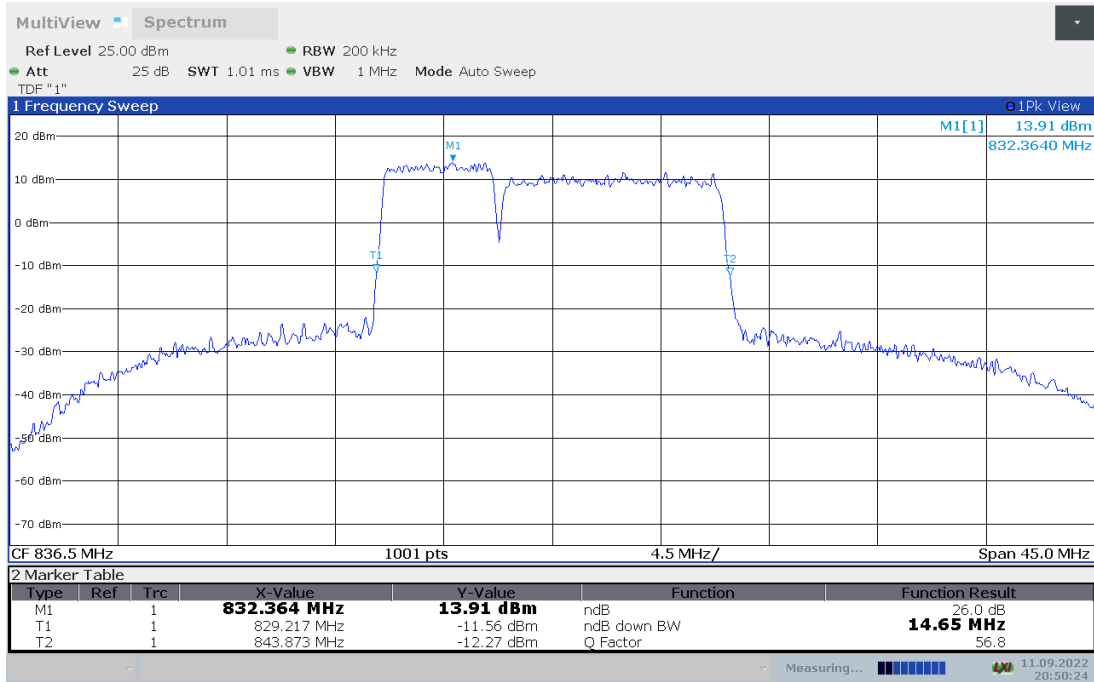


**LTE CA\_5B , 5MHz+10MHz Bandwidth,16QAM (-26dBc BW)**





LTE CA\_5B , 5MHz+10MHz Bandwidth,64QAM (-26dBc BW)

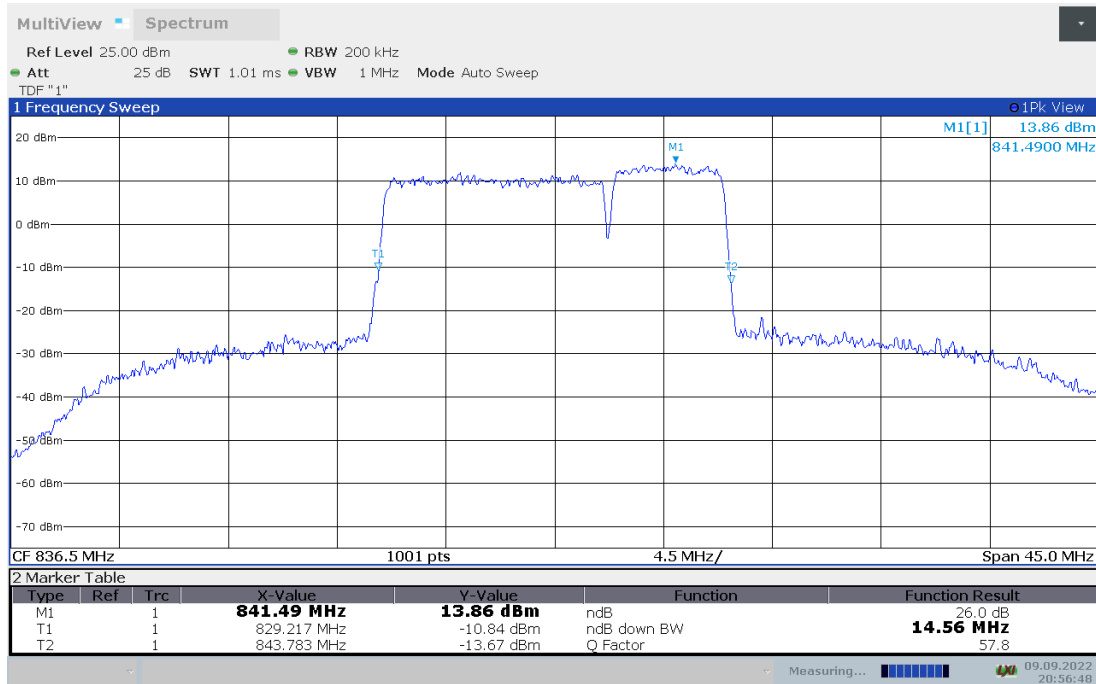




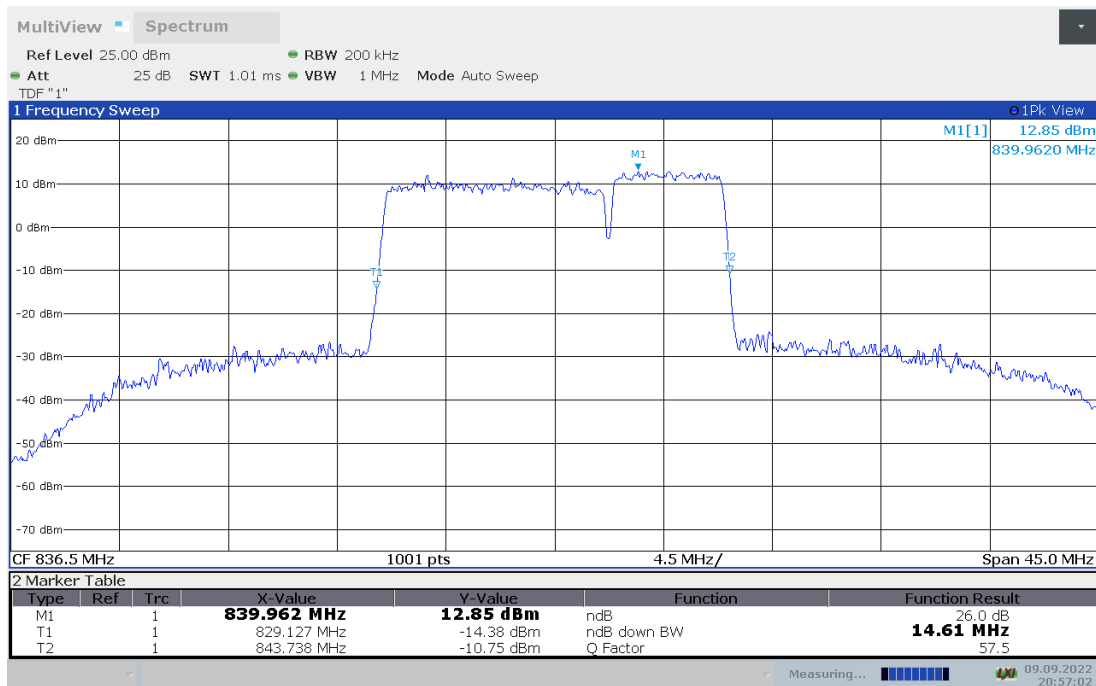
**LTE CA\_5B,10MHz+5MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
836.5	14.56	14.61	14.65

**LTE CA\_5B , 10MHz+5MHz Bandwidth,QPSK (-26dBc BW)**

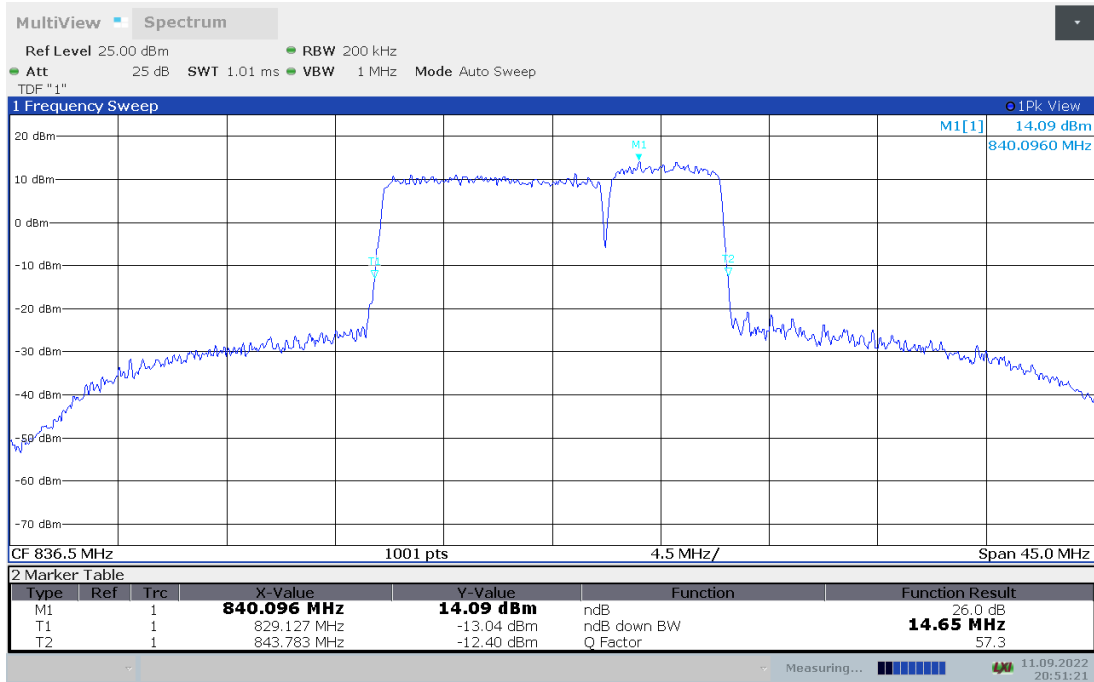


**LTE CA\_5B , 10MHz+5MHz Bandwidth,16QAM (-26dBc BW)**





LTE CA\_5B , 10MHz+5MHz Bandwidth,64QAM (-26dBc BW)

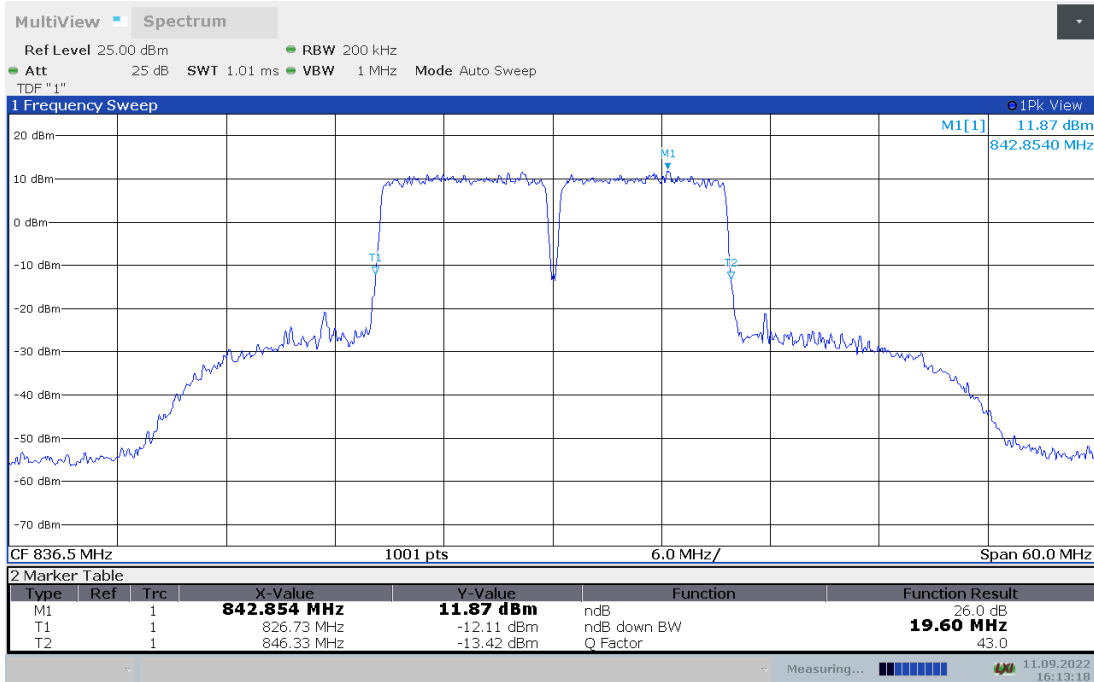




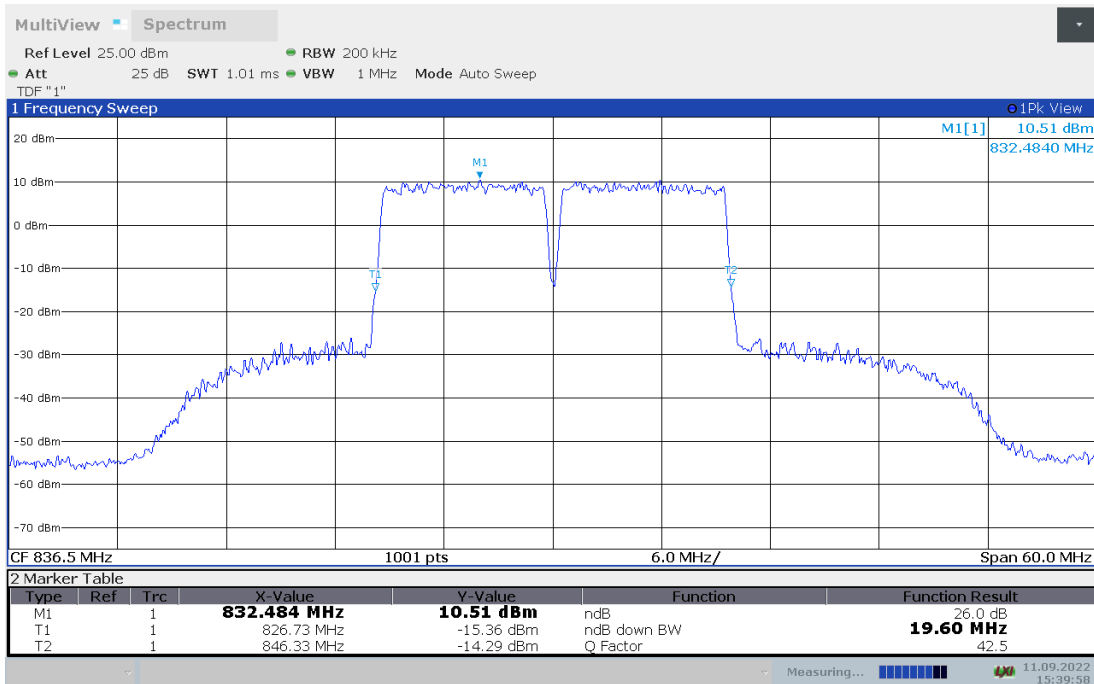
**LTE CA\_5B,10MHz+10MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
836.5	19.60	19.60	19.66

**LTE CA\_5B , 10MHz+10MHz Bandwidth,QPSK (-26dBc BW)**



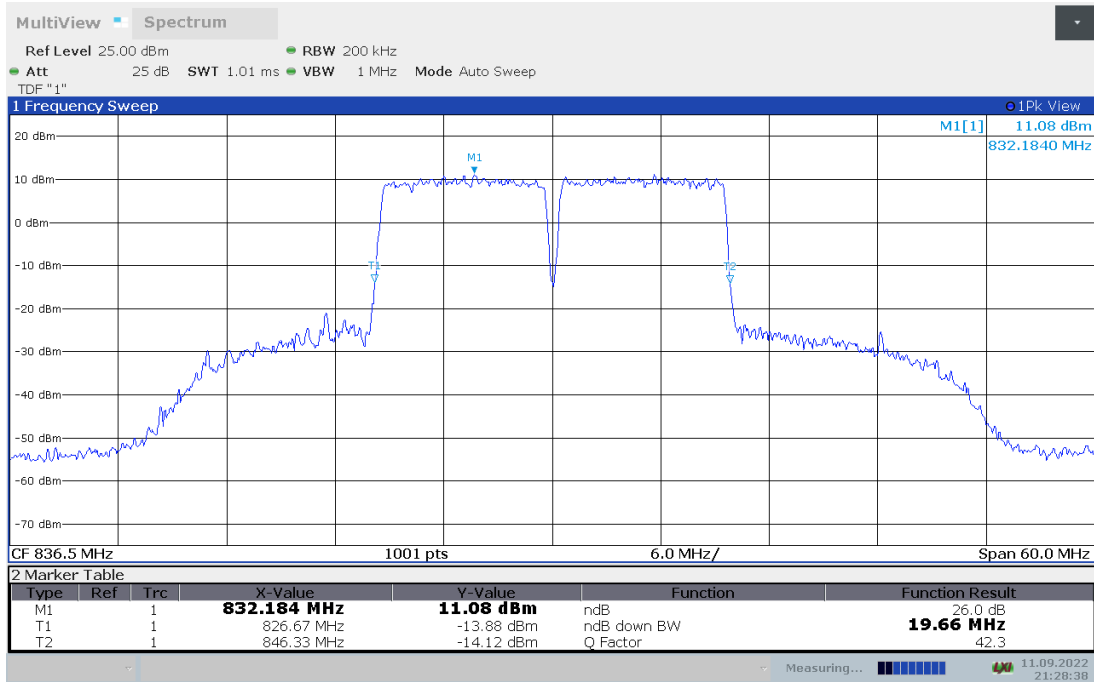
**LTE CA\_5B , 10MHz+10MHz Bandwidth,16QAM (-26dBc BW)**







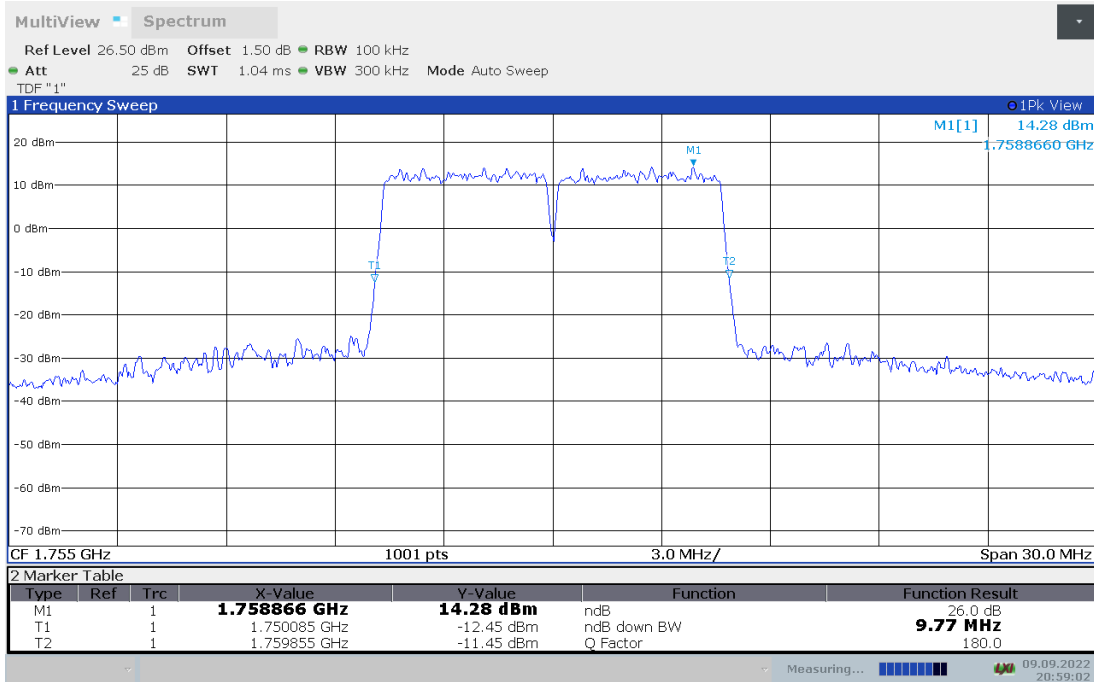
LTE CA\_5B , 10MHz+10MHz Bandwidth,64QAM (-26dBc BW)



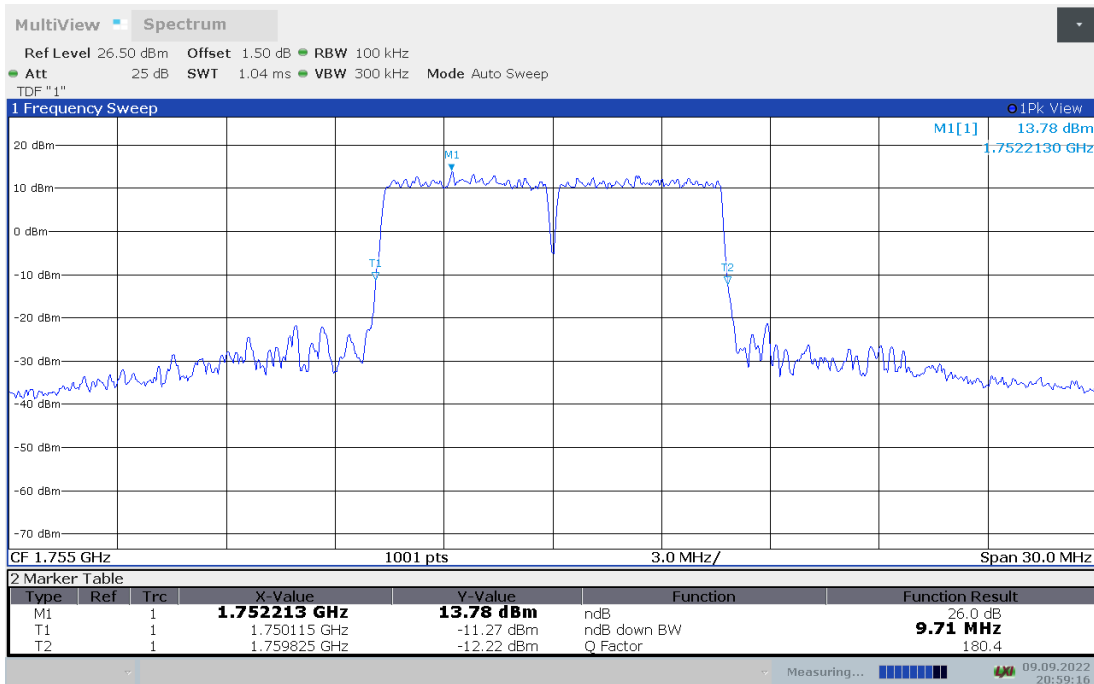
**LTE CA\_66B,5MHz+5MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	9.77	9.71	9.74

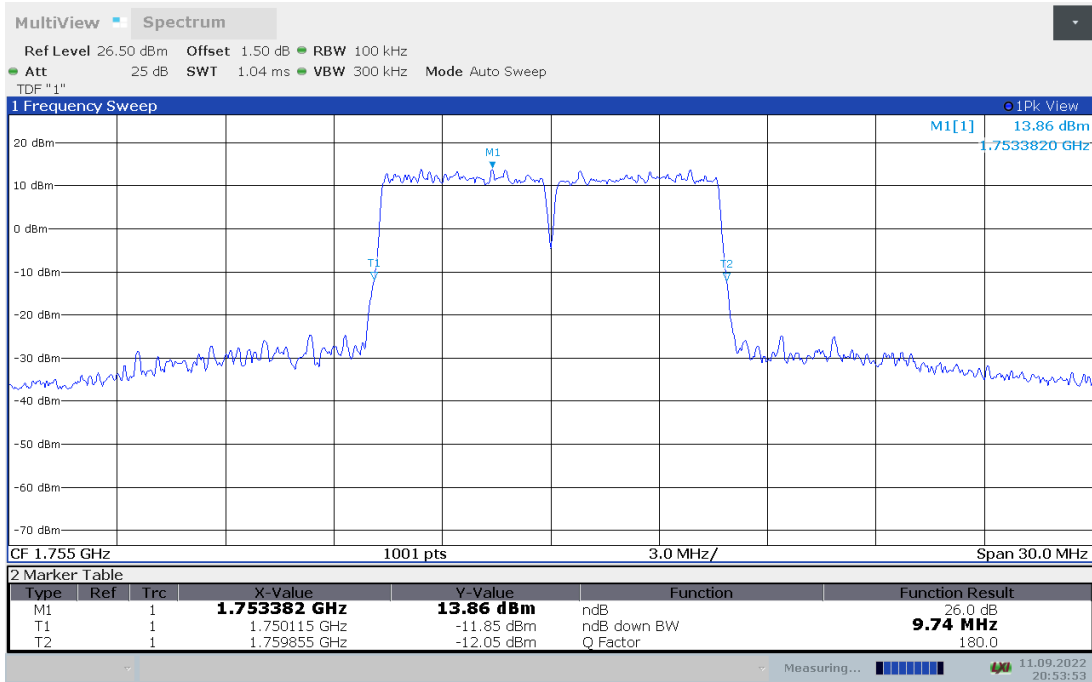
**LTE CA\_66B , 5MHz+5MHz Bandwidth,QPSK (-26dBc BW)**



**LTE CA\_66B , 5MHz+5MHz Bandwidth,16QAM (-26dBc BW)**



LTE CA\_66B , 5MHz+5MHz Bandwidth, 64QAM (-26dBc BW)

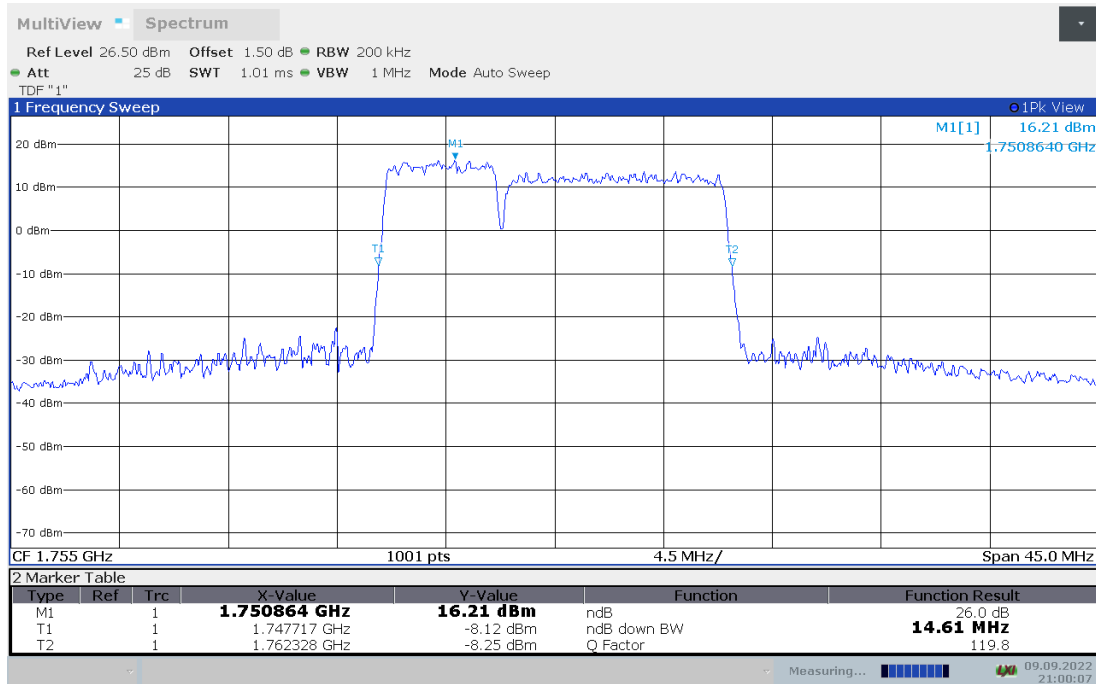




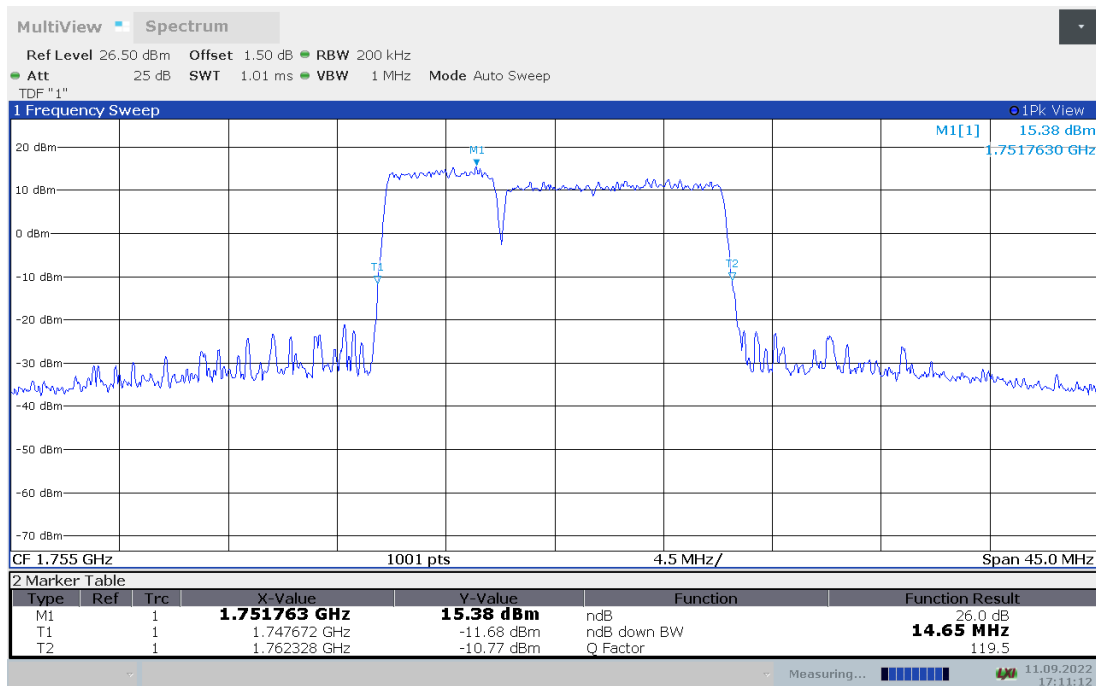
**LTE CA\_66B,5MHz+10MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	14.61	14.65	14.61

**LTE CA\_66B , 5MHz+10MHz Bandwidth,QPSK (-26dBc BW)**

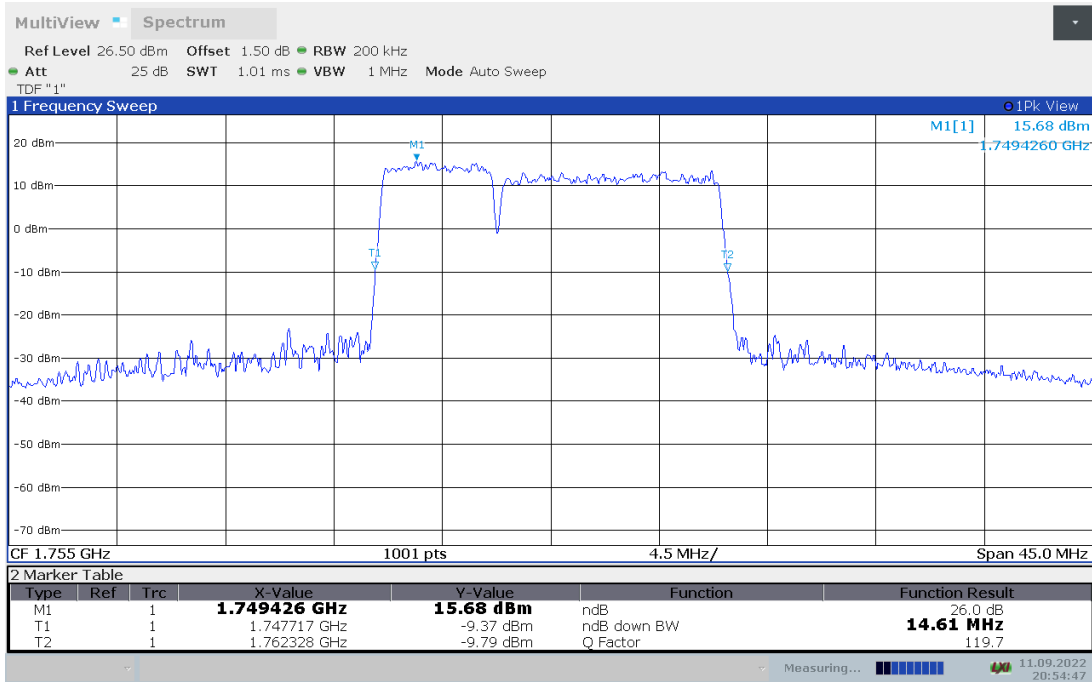


**LTE CA\_66B , 5MHz+10MHz Bandwidth,16QAM (-26dBc BW)**





LTE CA\_66B , 5MHz+10MHz Bandwidth, 64QAM (-26dBc BW)

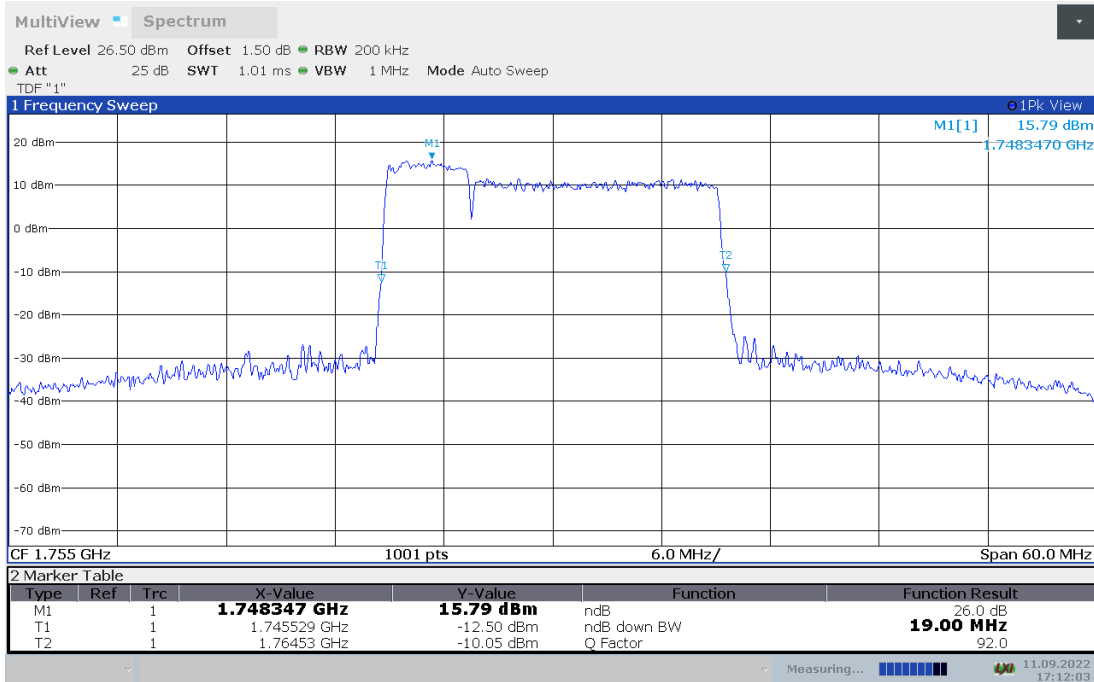




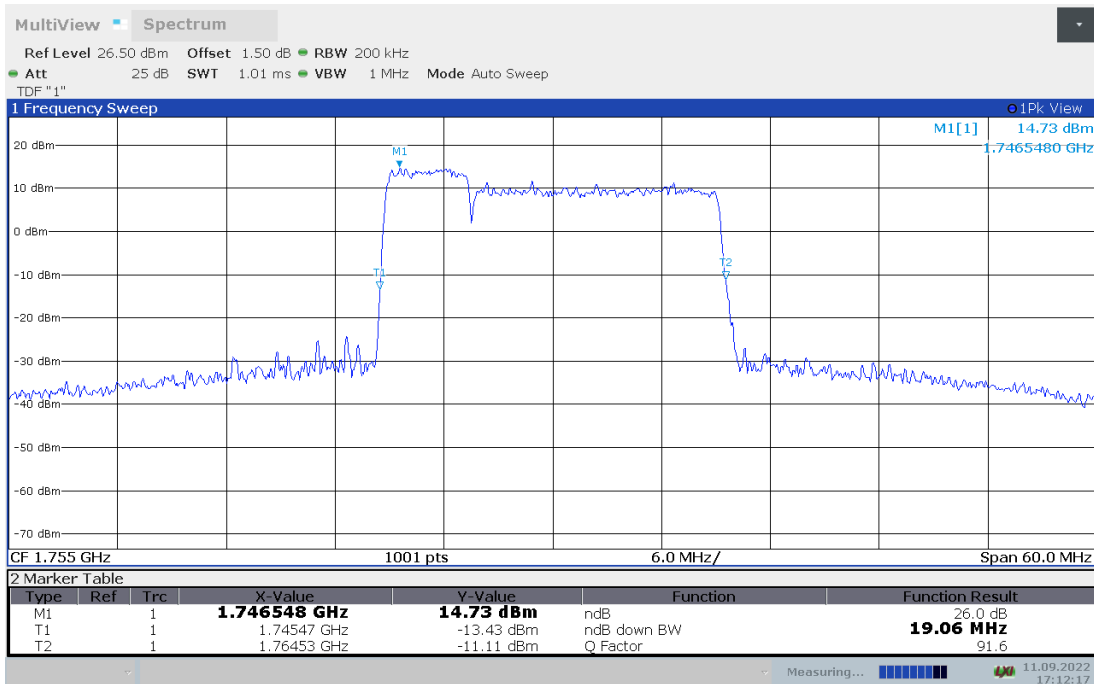
**LTE CA\_66B,5MHz+15MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	19.00	19.06	19.00

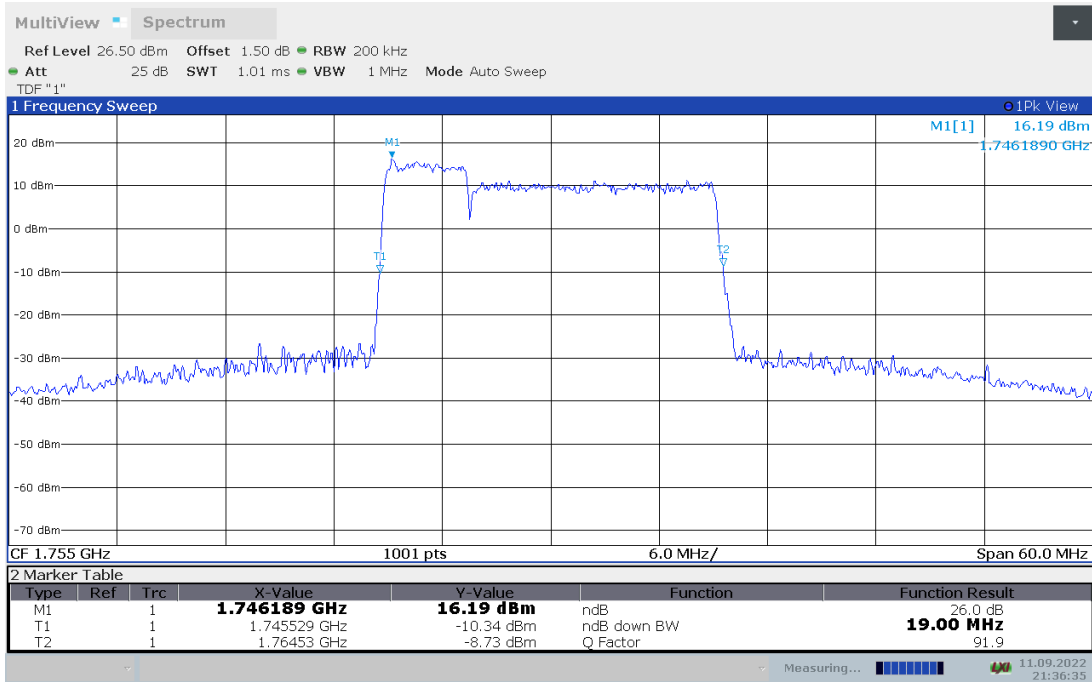
**LTE CA\_66B , 5MHz+15MHz Bandwidth,QPSK (-26dBc BW)**



**LTE CA\_66B , 5MHz+15MHz Bandwidth,16QAM (-26dBc BW)**



LTE CA\_66B , 5MHz+15MHz Bandwidth, 64QAM (-26dBc BW)

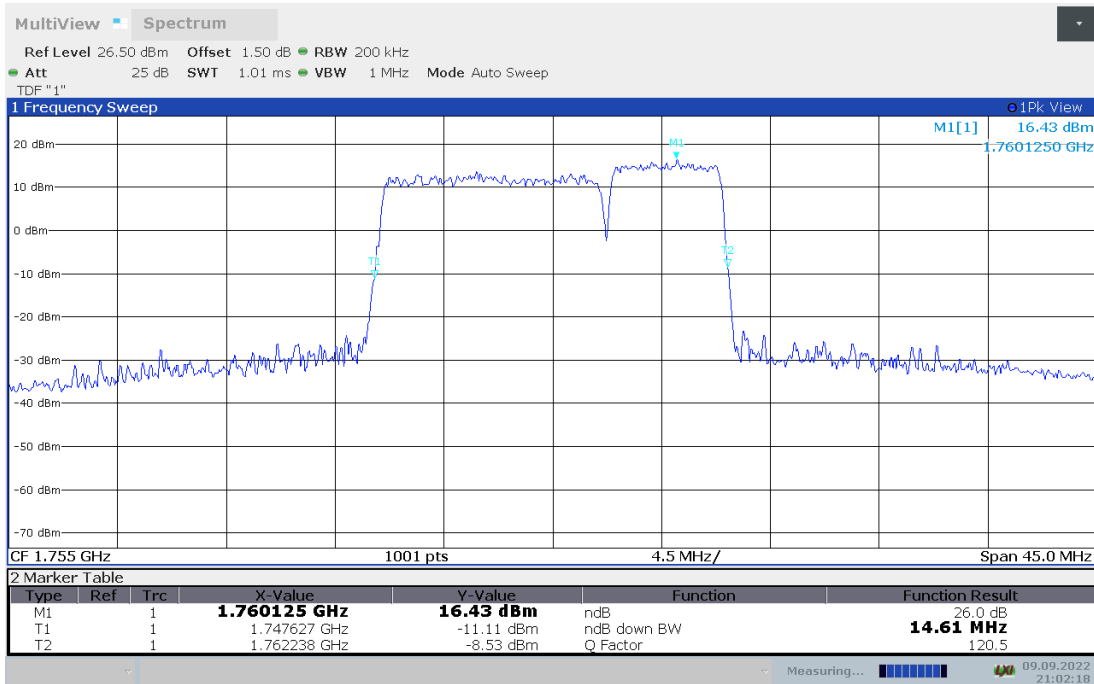




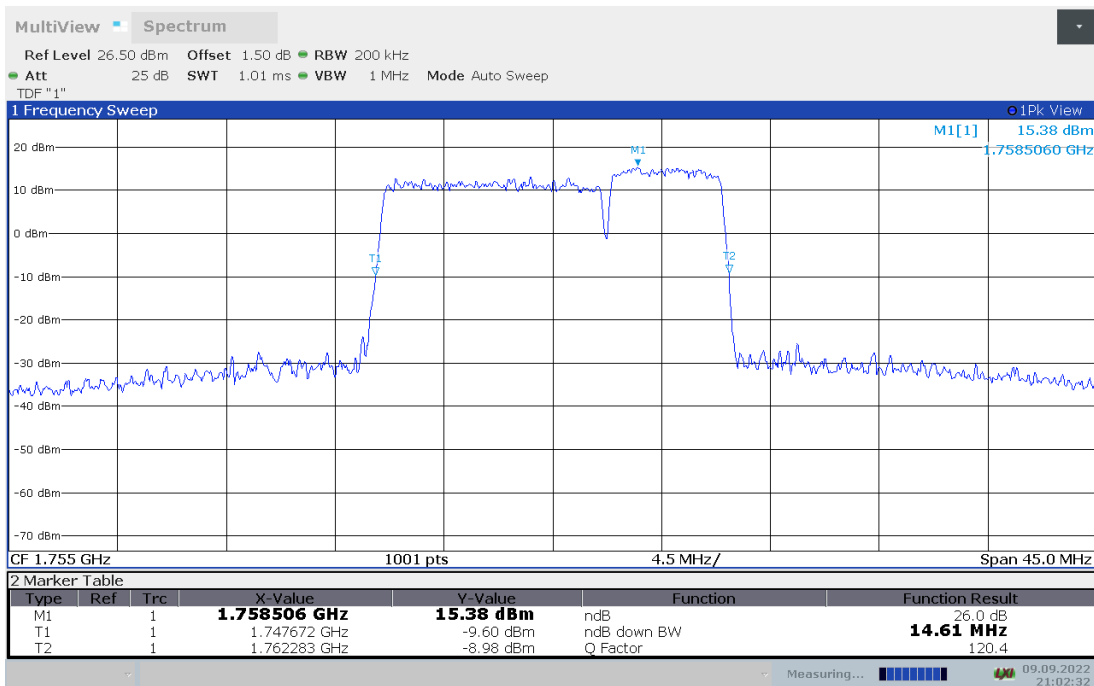
**LTE CA\_66B,10MHz+5MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	14.61	14.61	14.61

**LTE CA\_66B , 10MHz+5MHz Bandwidth,QPSK (-26dBc BW)**



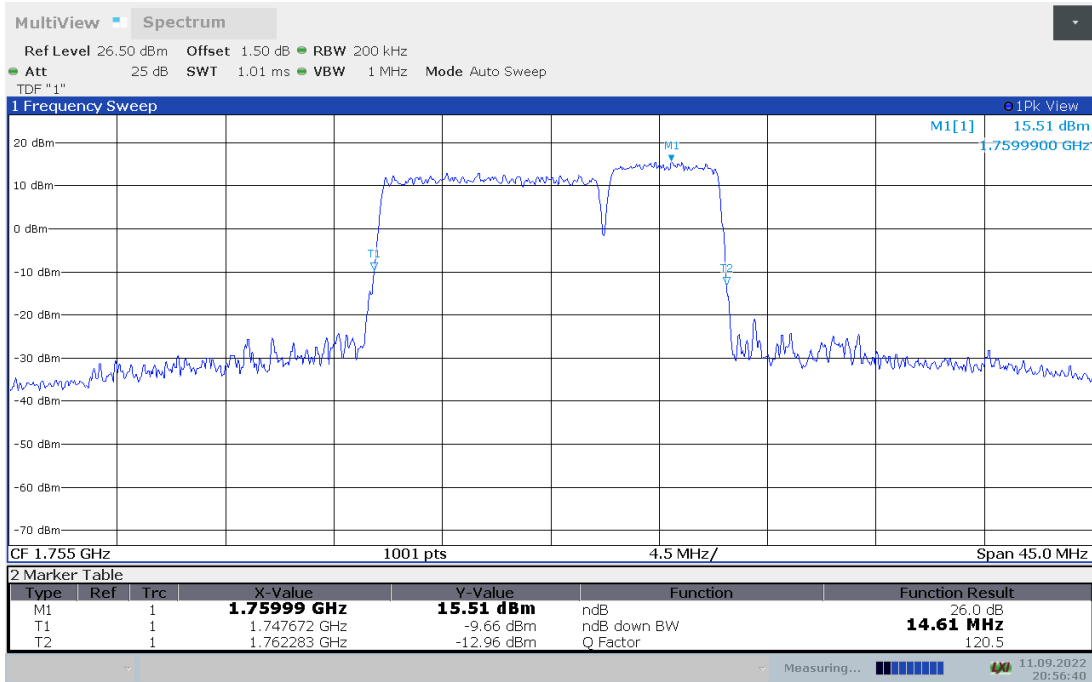
**LTE CA\_66B , 10MHz+5MHz Bandwidth,16QAM (-26dBc BW)**







LTE CA\_66B , 10MHz+5MHz Bandwidth, 64QAM (-26dBc BW)

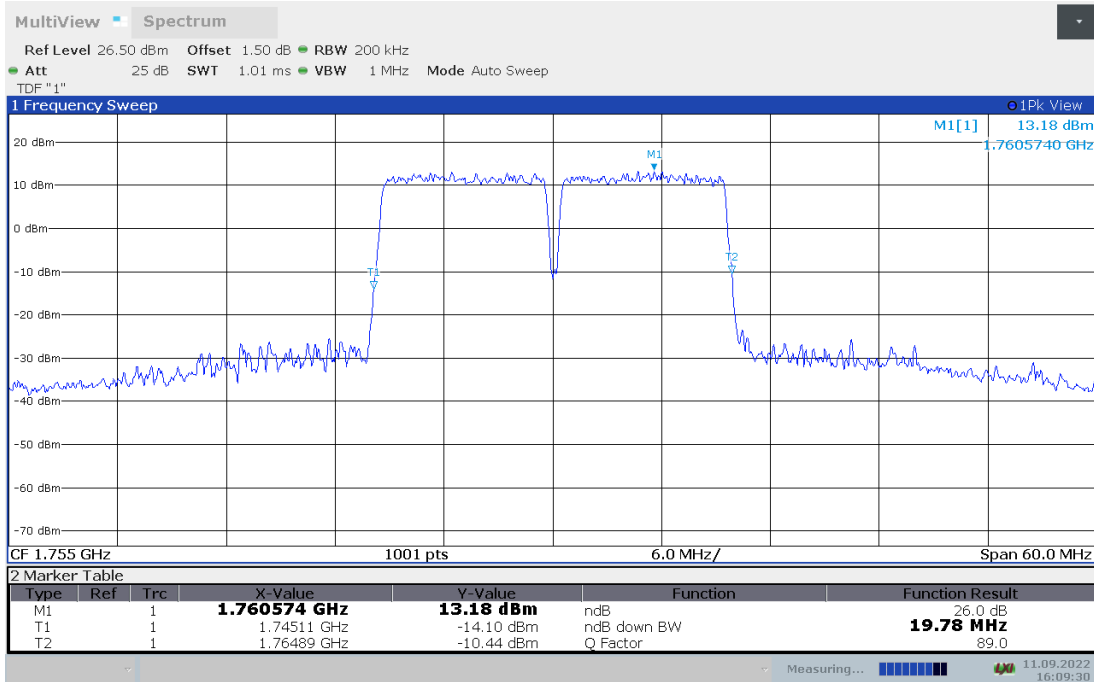




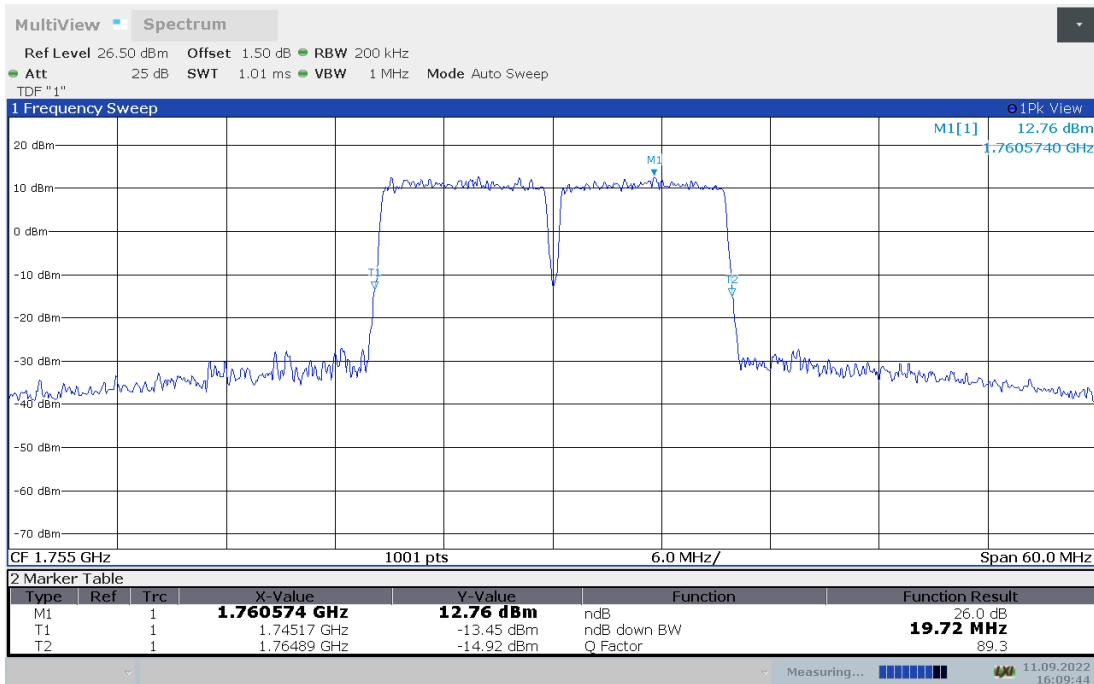
**LTE CA\_66B,10MHz+10MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	19.78	19.72	19.66

**LTE CA\_66B , 10MHz+10MHz Bandwidth,QPSK (-26dBc BW)**

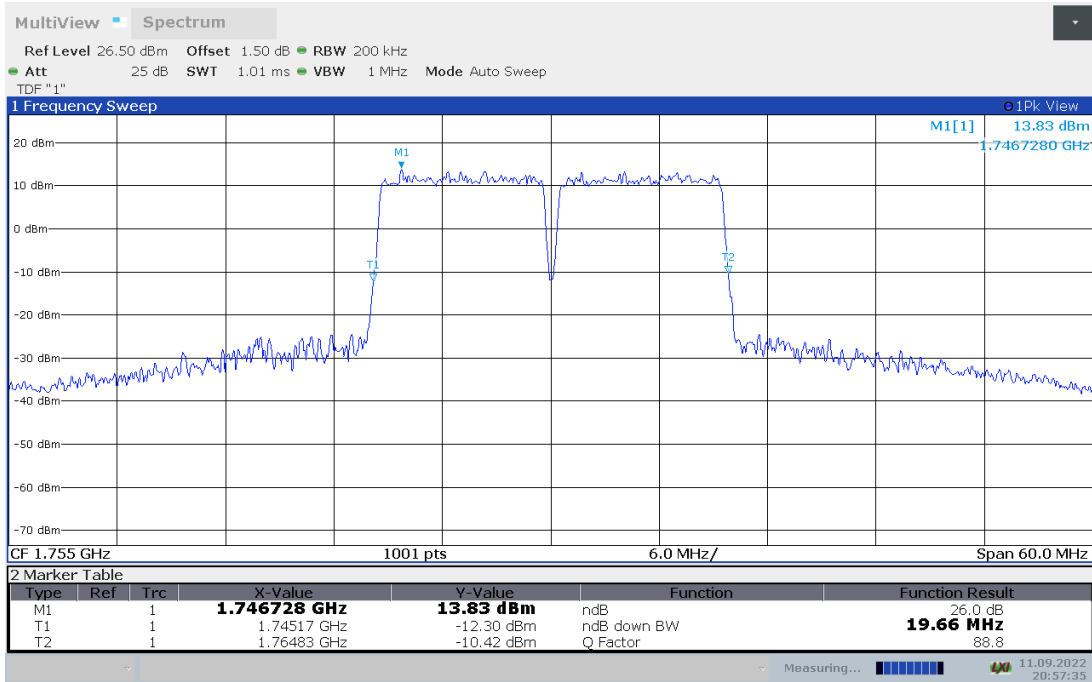


**LTE CA\_66B , 10MHz+10MHz Bandwidth,16QAM (-26dBc BW)**





LTE CA\_66B , 10MHz+10MHz Bandwidth, 64QAM (-26dBc BW)

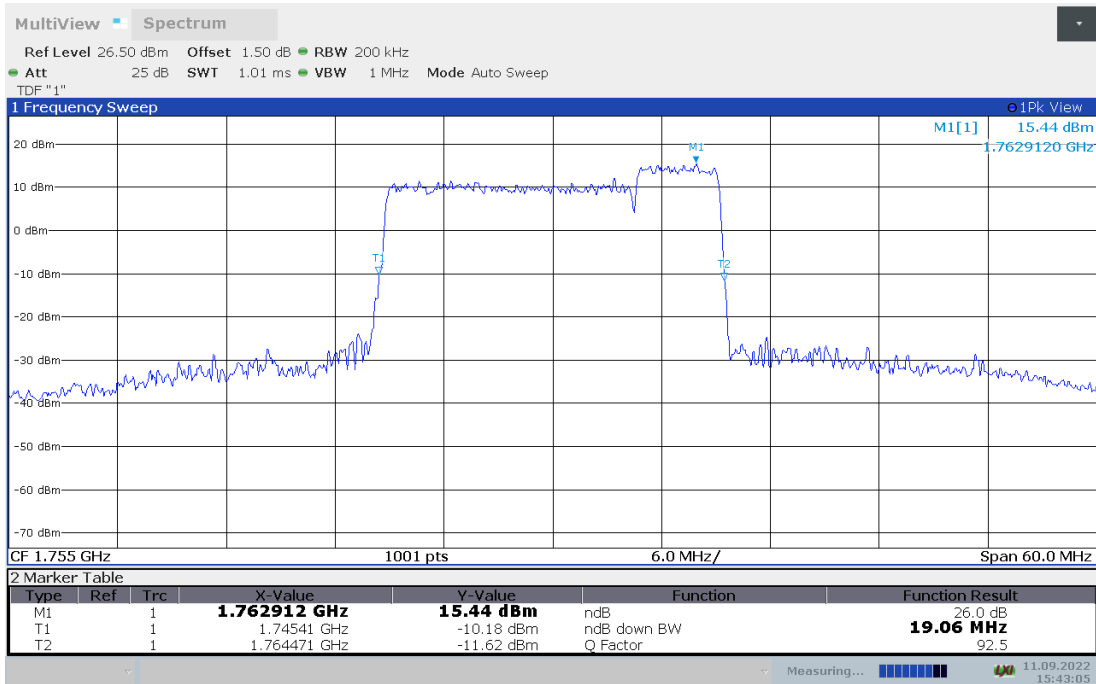




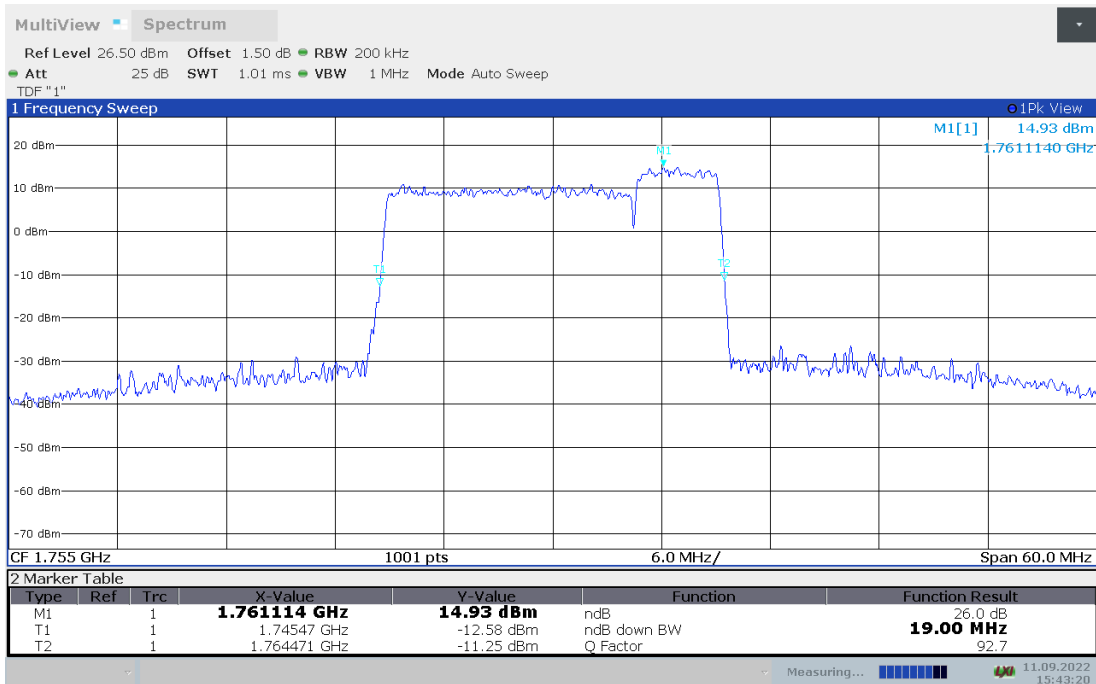
**LTE CA\_66B,15MHz+5MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	19.06	19.00	19.06

**LTE CA\_66B , 15MHz+5MHz Bandwidth,QPSK (-26dBc BW)**

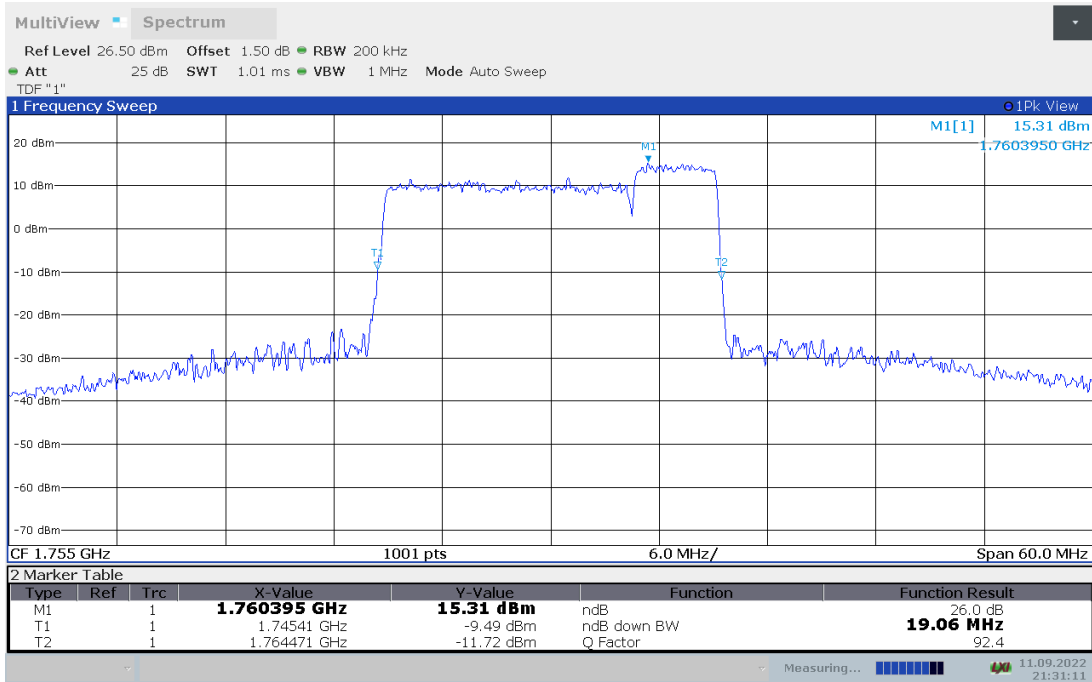


**LTE CA\_66B , 15MHz+5MHz Bandwidth,16QAM (-26dBc BW)**





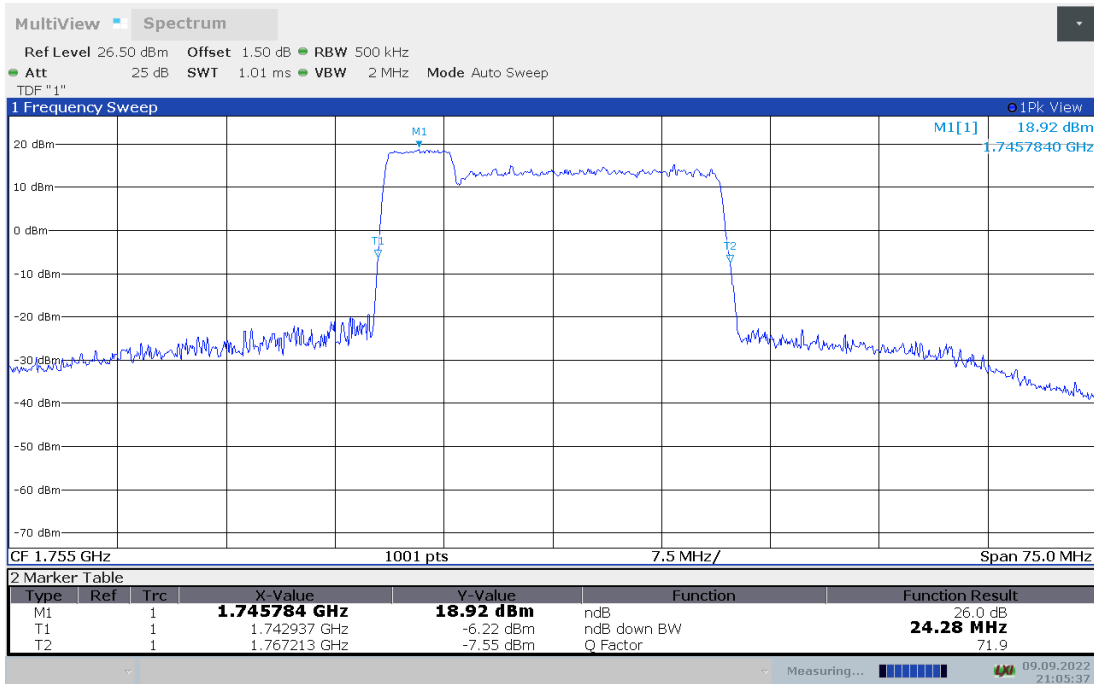
LTE CA\_66B , 15MHz+5MHz Bandwidth, 64QAM (-26dBc BW)



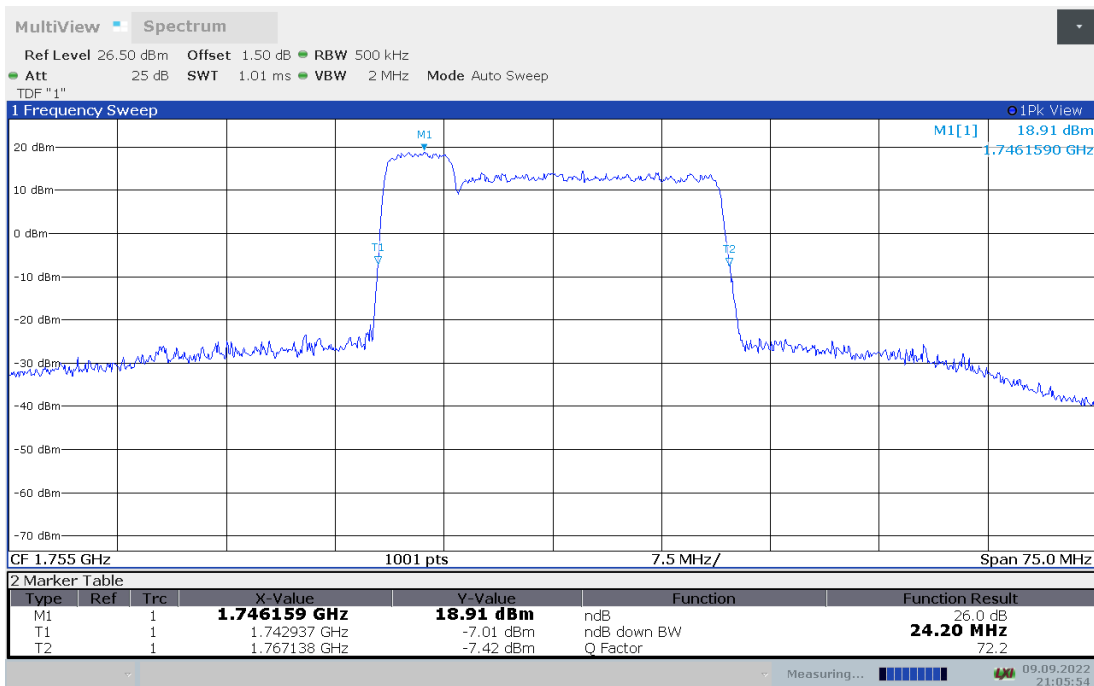
**LTE CA\_66C,5MHz+20MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	24.28	24.20	24.28

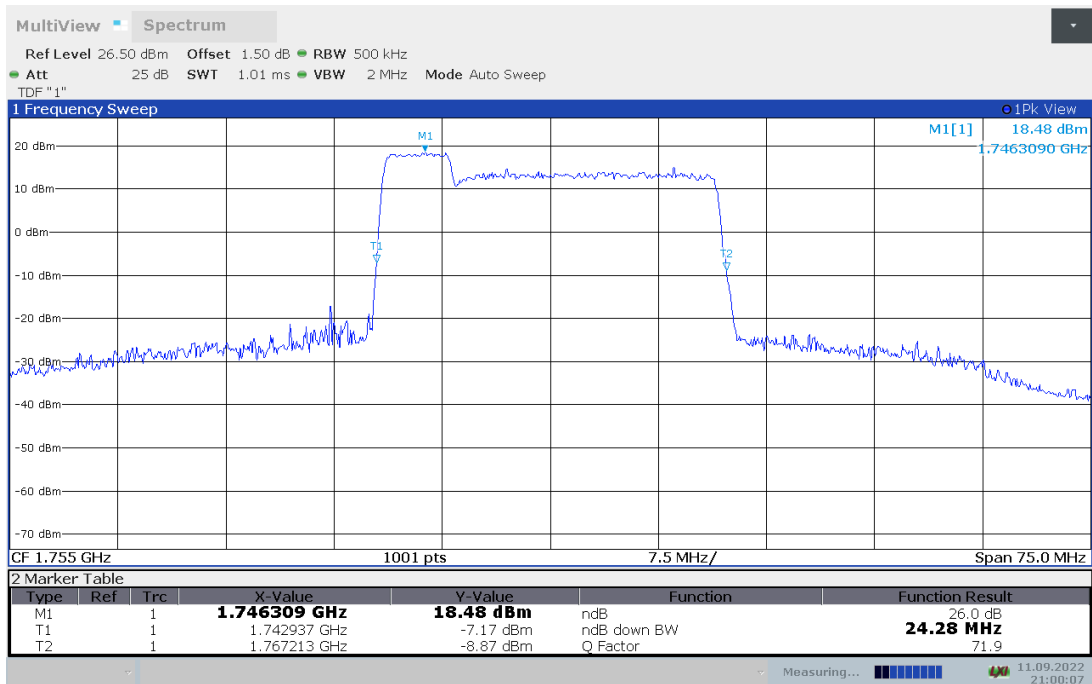
**LTE CA\_66C , 5MHz+20MHz Bandwidth,QPSK (-26dBc BW)**



**LTE CA\_66C , 5MHz+20MHz Bandwidth,16QAM (-26dBc BW)**



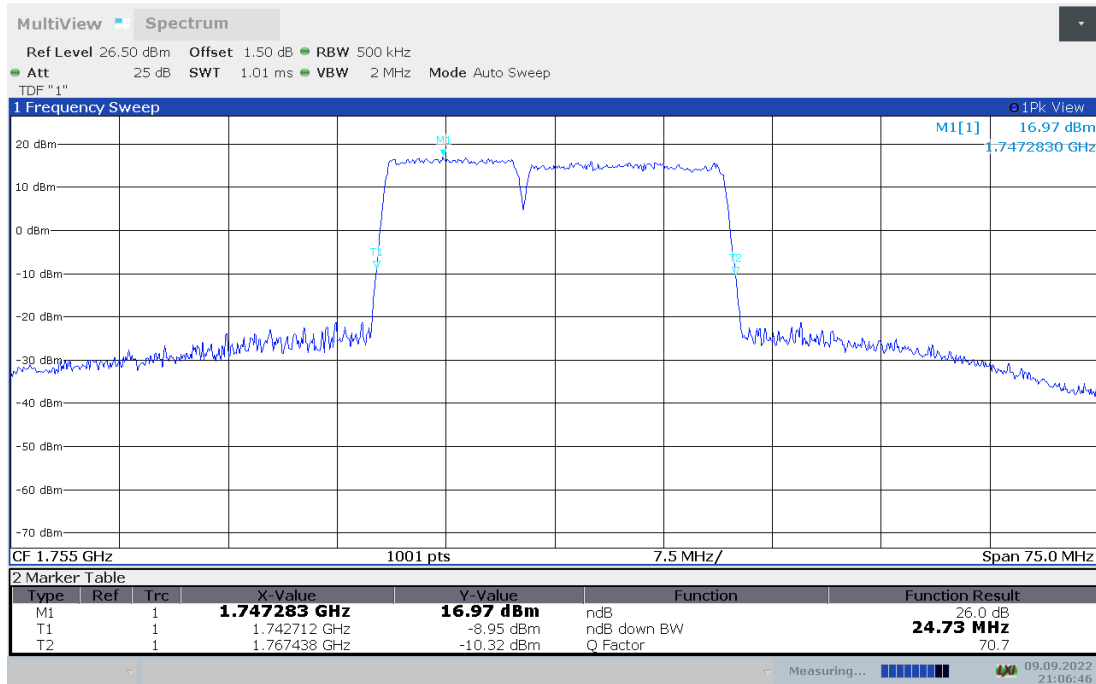
**LTE CA\_66C , 5MHz+20MHz Bandwidth, 64QAM (-26dBc BW)**



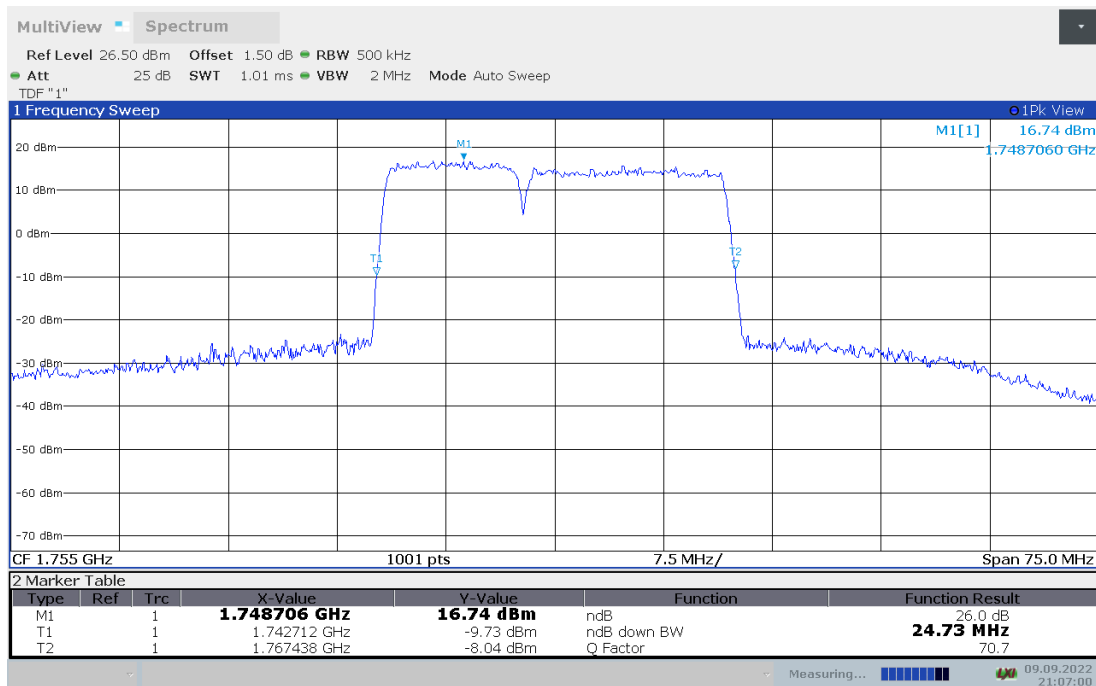
**LTE CA\_66C,10MHz+15MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	24.73	24.73	24.73

**LTE CA\_66C , 10MHz+15MHz Bandwidth,QPSK (-26dBc BW)**



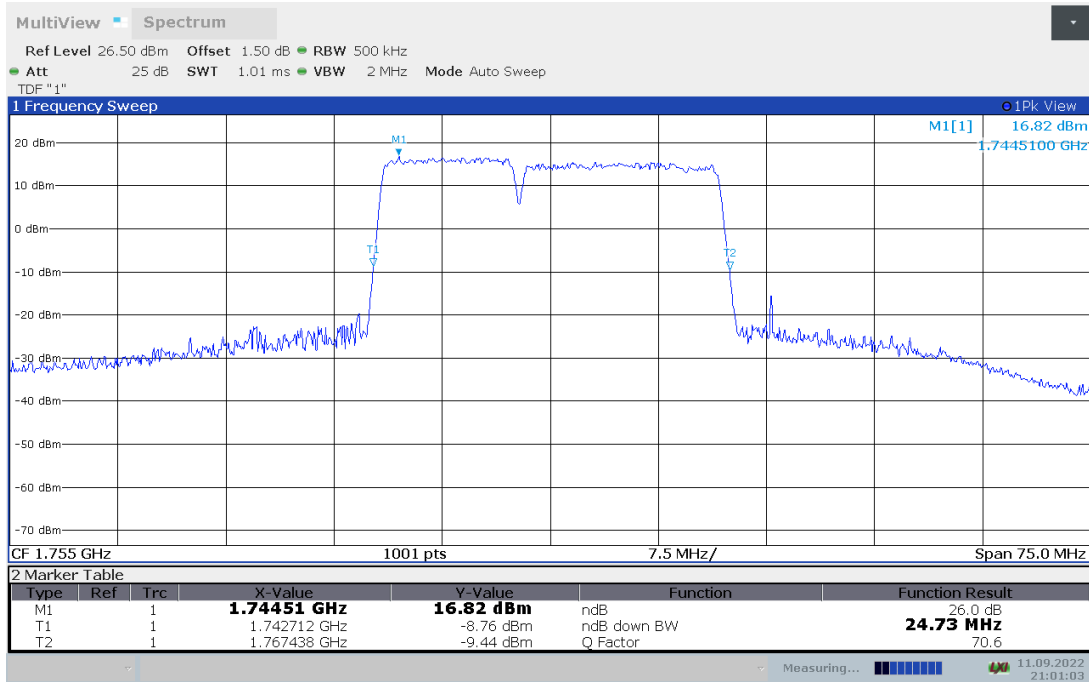
**LTE CA\_66C , 10MHz+15MHz Bandwidth,16QAM (-26dBc BW)**







LTE CA\_66C , 10MHz+15MHz Bandwidth, 64QAM (-26dBc BW)

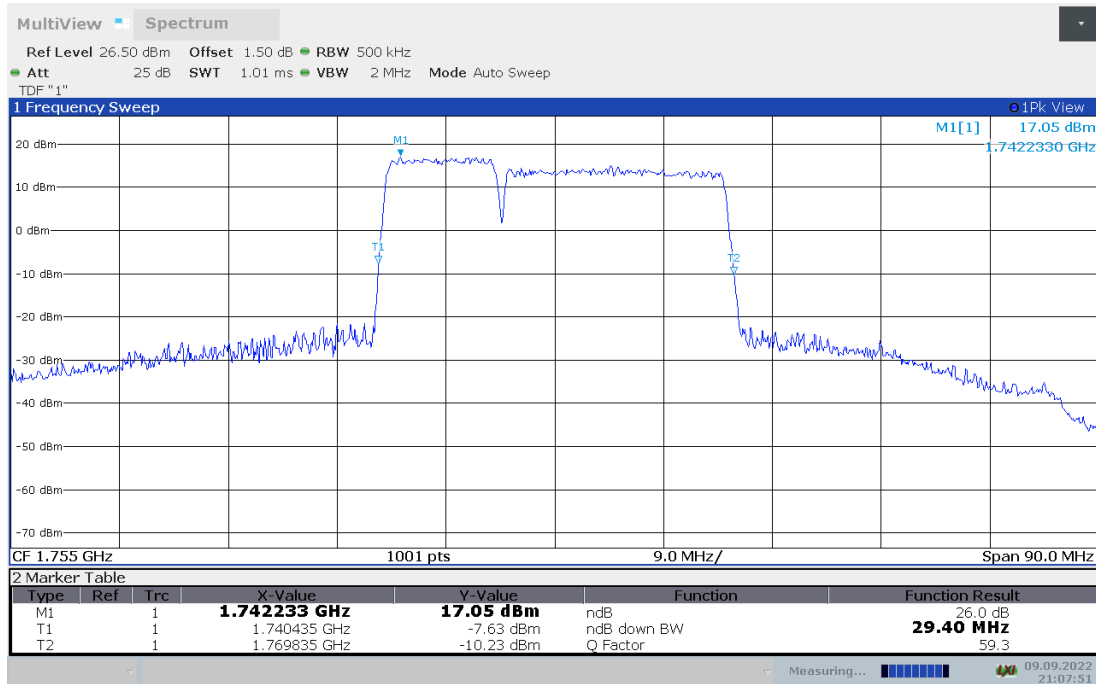




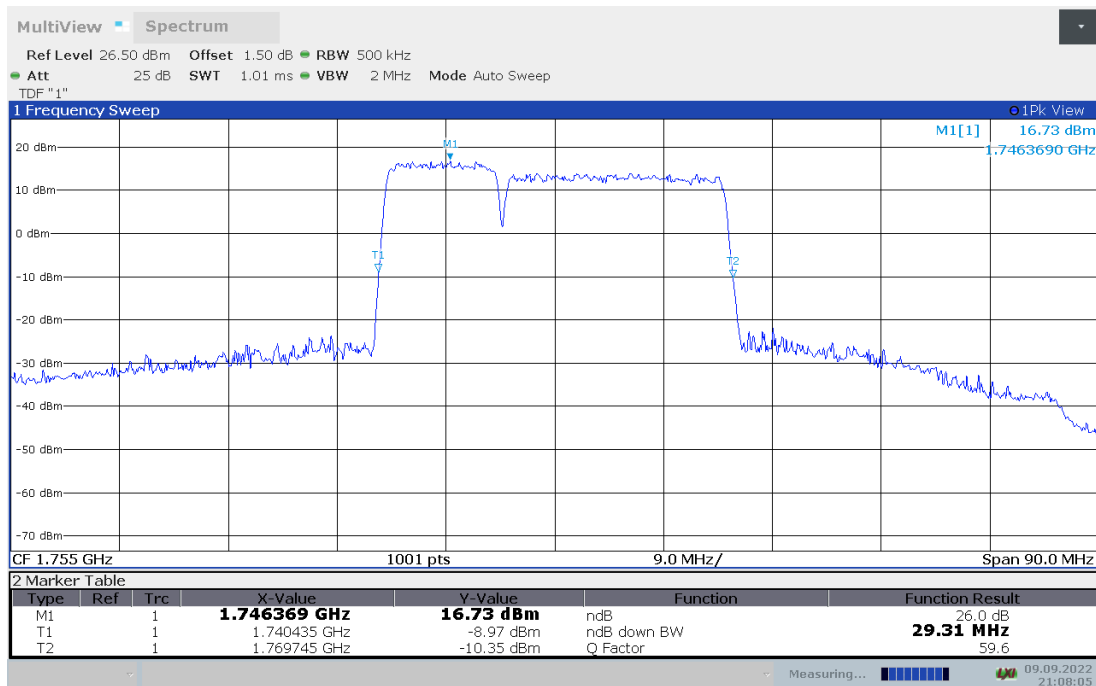
**LTE CA\_66C,10MHz+20MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	29.40	29.31	29.49

**LTE CA\_66C , 10MHz+20MHz Bandwidth,QPSK (-26dBc BW)**

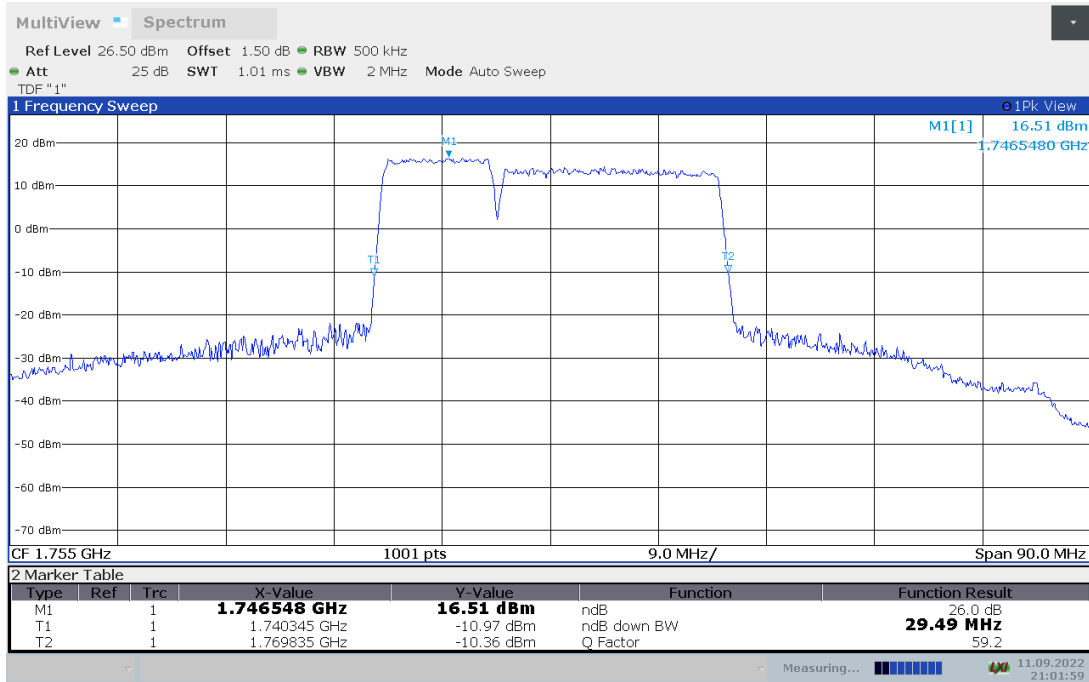


**LTE CA\_66C , 10MHz+20MHz Bandwidth,16QAM (-26dBc BW)**





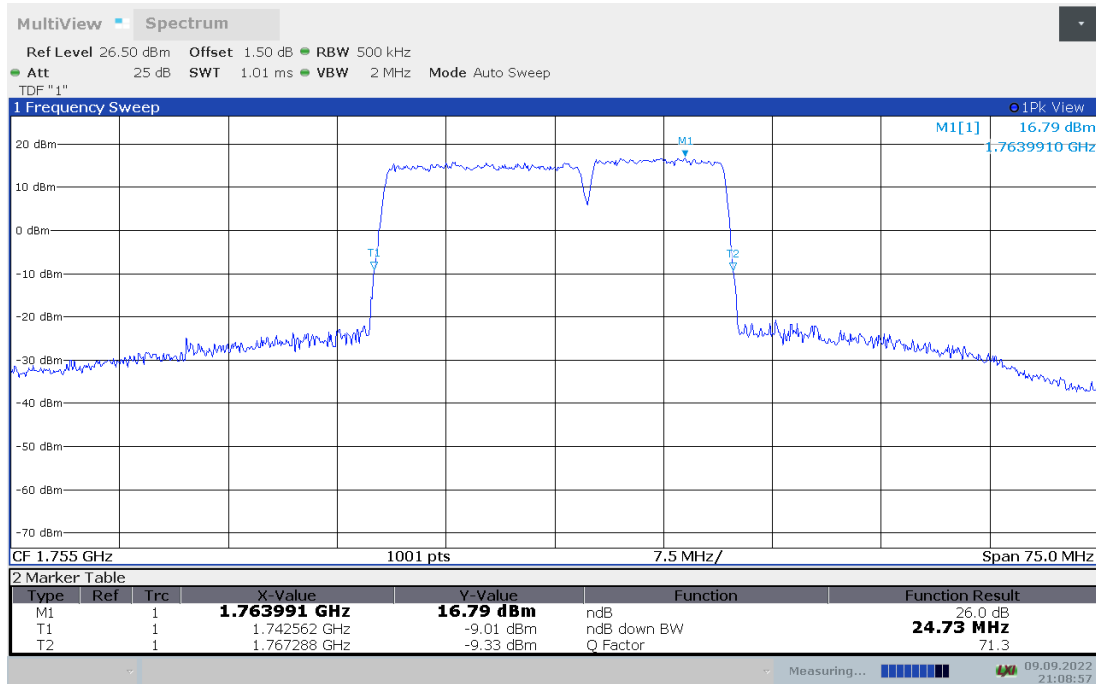
LTE CA\_66C , 10MHz+20MHz Bandwidth,64QAM (-26dBc BW)



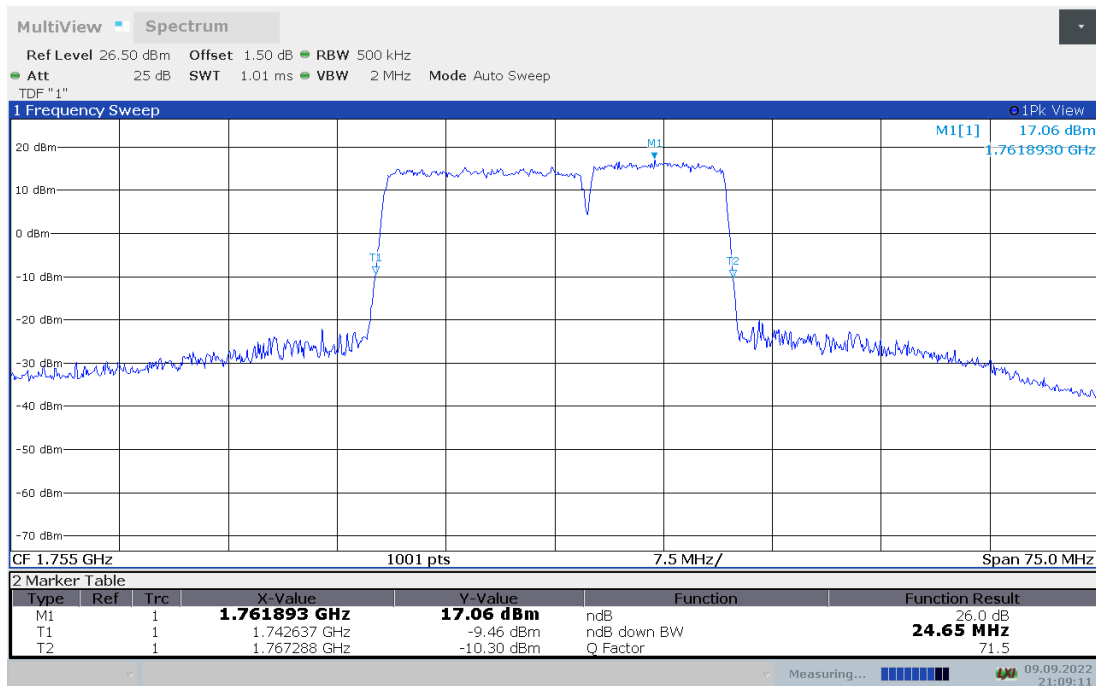
**LTE CA\_66C,15MHz+10MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	24.73	24.65	24.73

**LTE CA\_66C , 15MHz+10MHz Bandwidth,QPSK (-26dBc BW)**

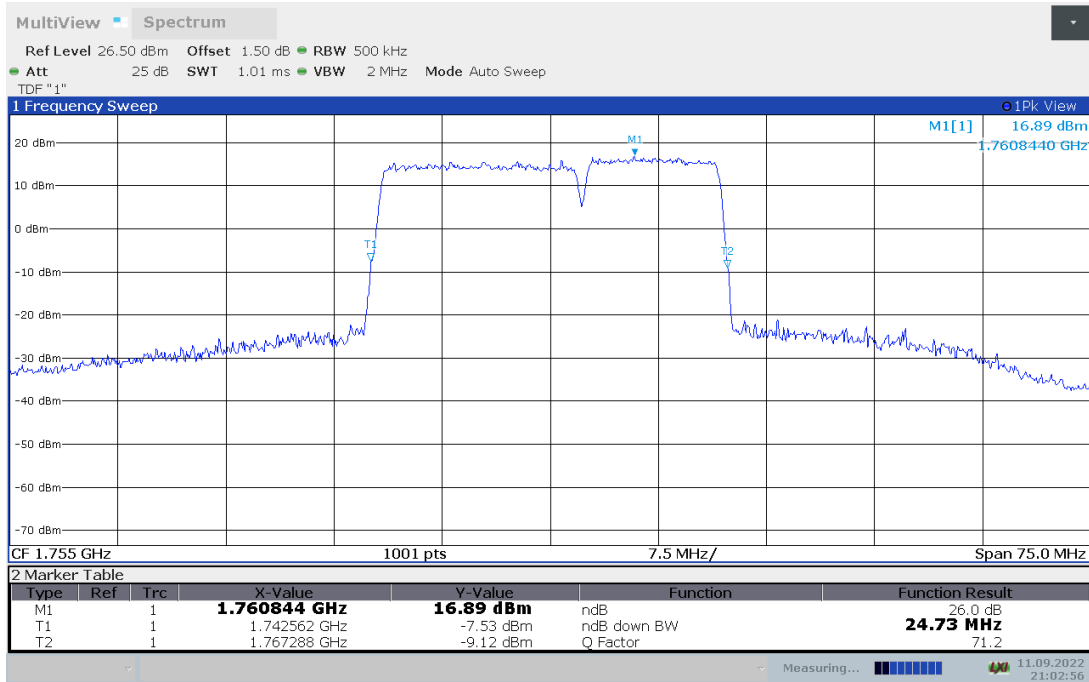


**LTE CA\_66C , 15MHz+10MHz Bandwidth,16QAM (-26dBc BW)**





LTE CA\_66C , 15MHz+10MHz Bandwidth, 64QAM (-26dBc BW)

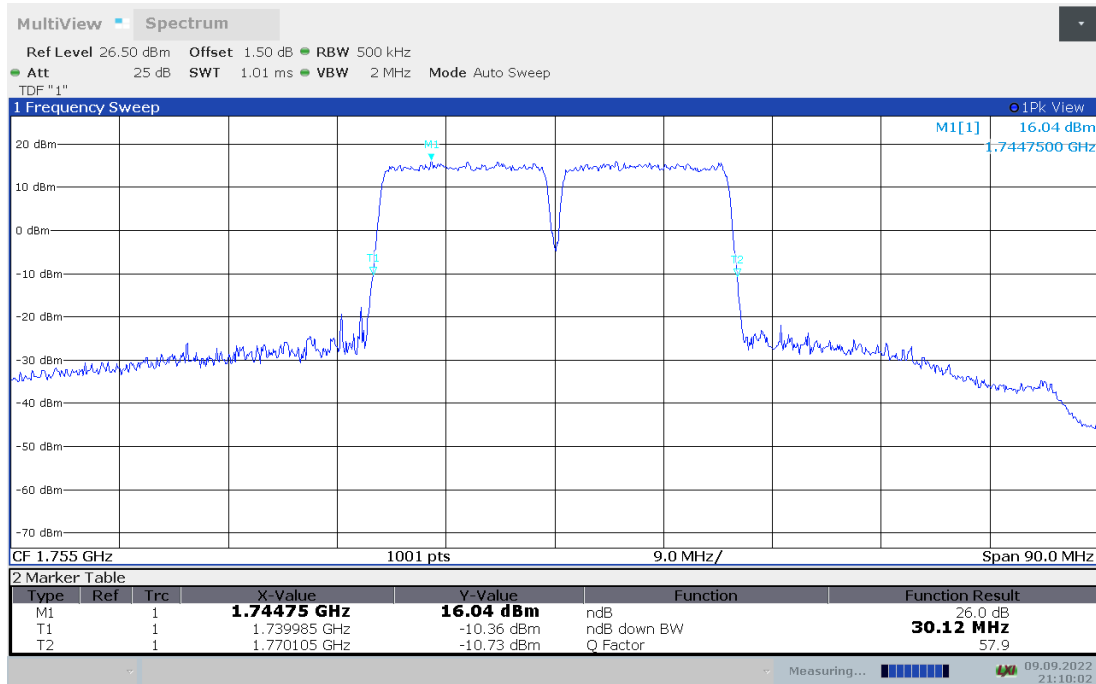




**LTE CA\_66C,15MHz+15MHz (-26dBc BW)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	QPSK	16QAM	64QAM
1755	30.12	30.03	30.03

**LTE CA\_66C , 15MHz+15MHz Bandwidth,QPSK (-26dBc BW)**



**LTE CA\_66C , 15MHz+15MHz Bandwidth,16QAM (-26dBc BW)**

