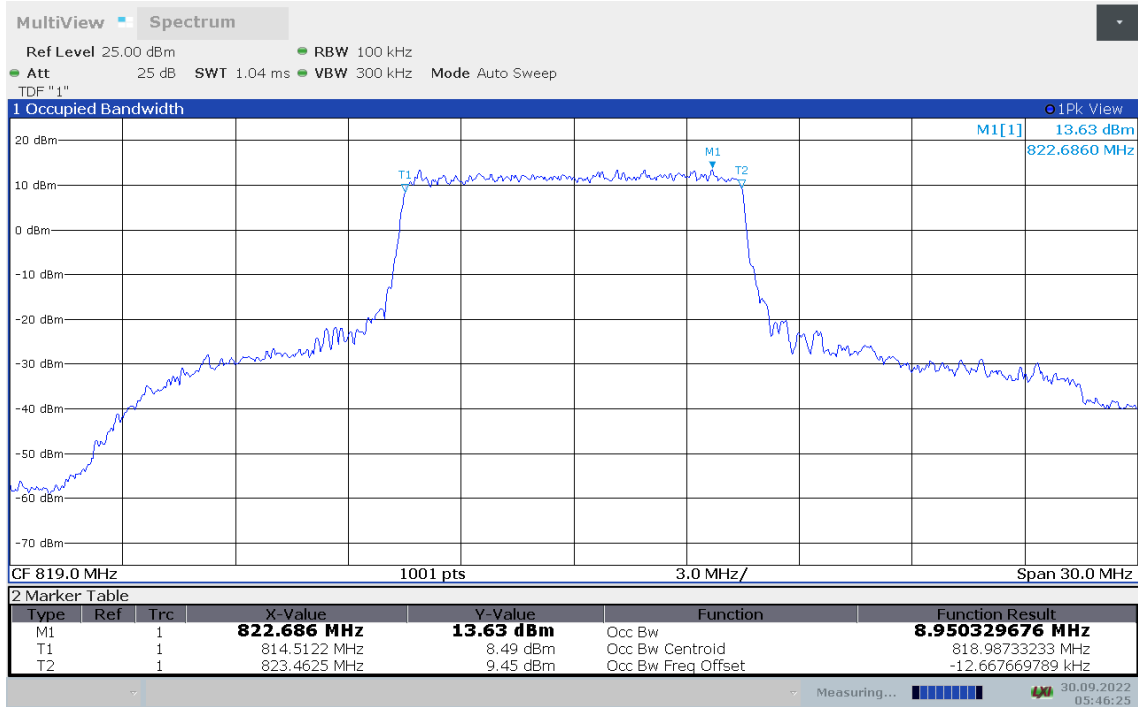




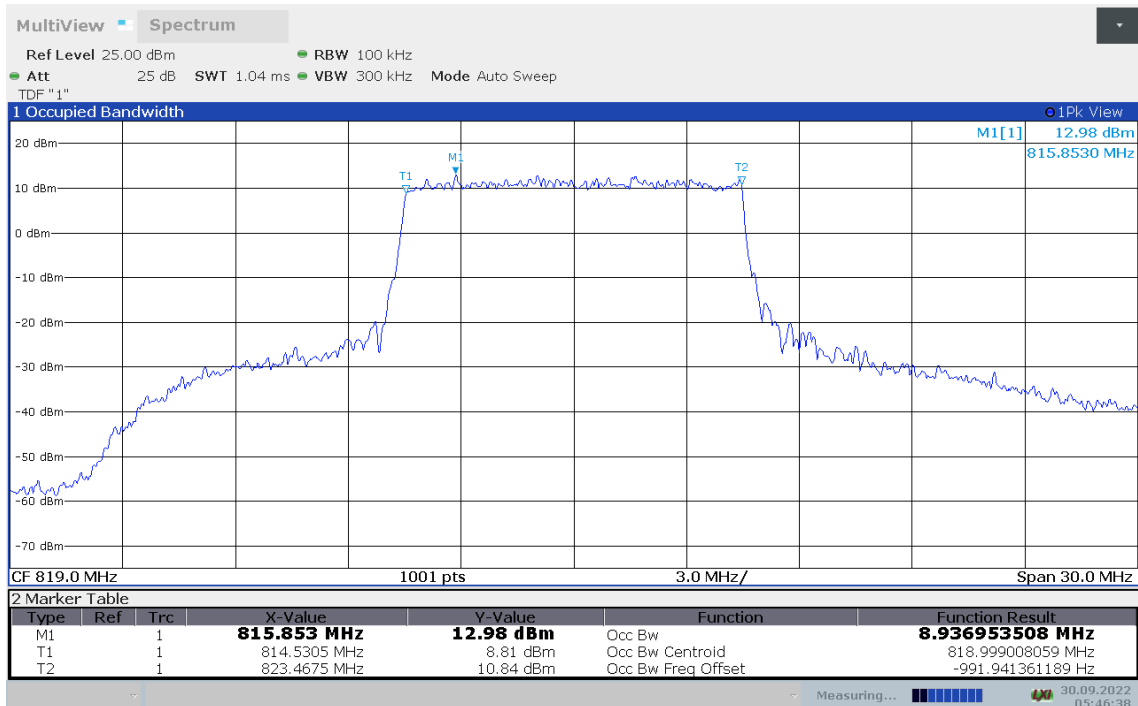
LTE band 26(814MHz-824MHz), 10MHz (99% BW)

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
819.0	QPSK	16QAM	64QAM
	8.950	8.937	8.927

LTE band 26(814MHz-824MHz), 10MHz Bandwidth, QPSK (99% BW)

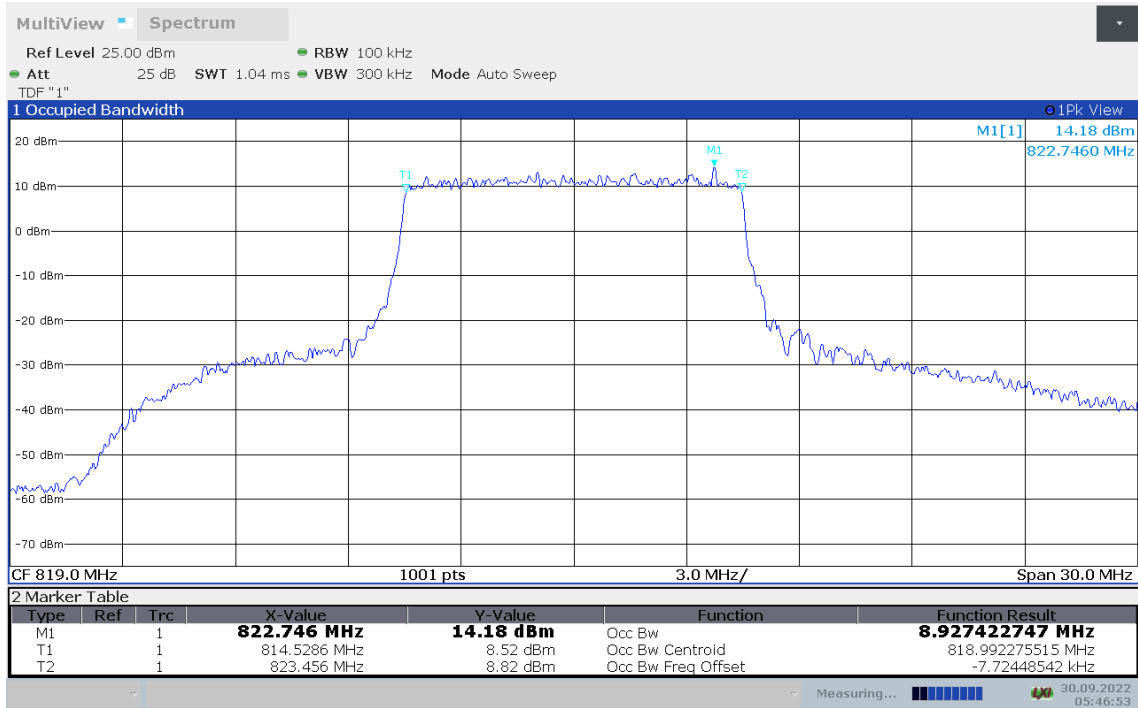


LTE band 26(814MHz-824MHz), 10MHz Bandwidth, 16QAM (99% BW)





**LTE Band 26(814MHz-824MHz), 10MHz Bandwidth, 64QAM (99% BW)**

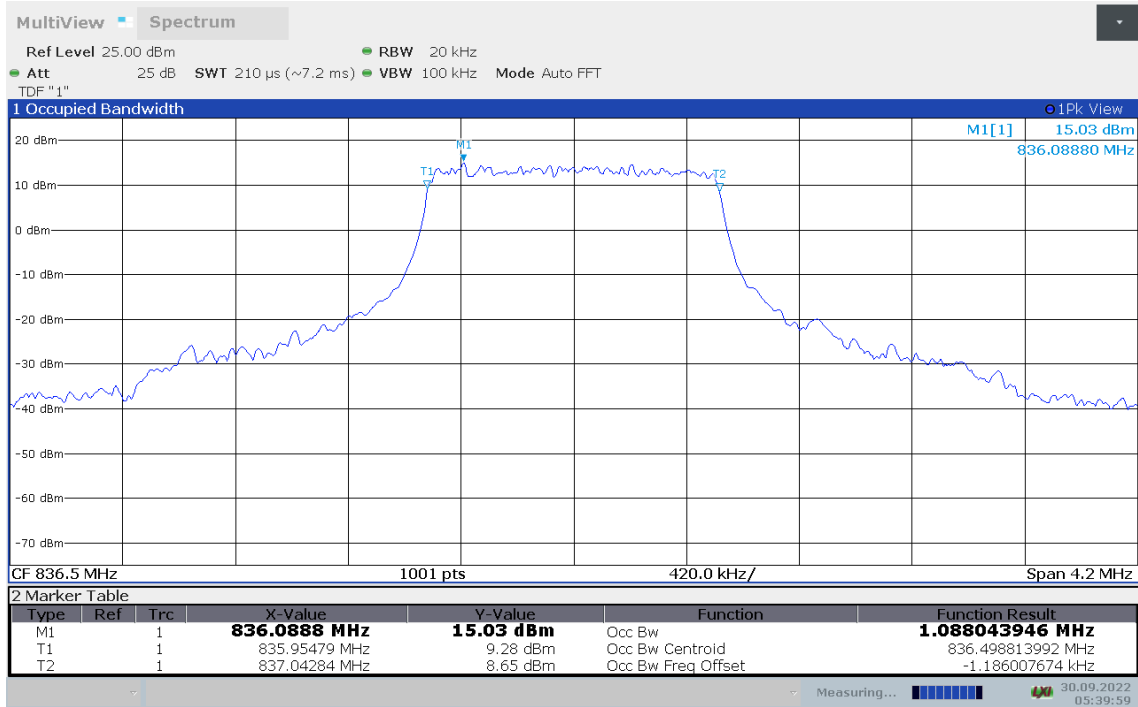




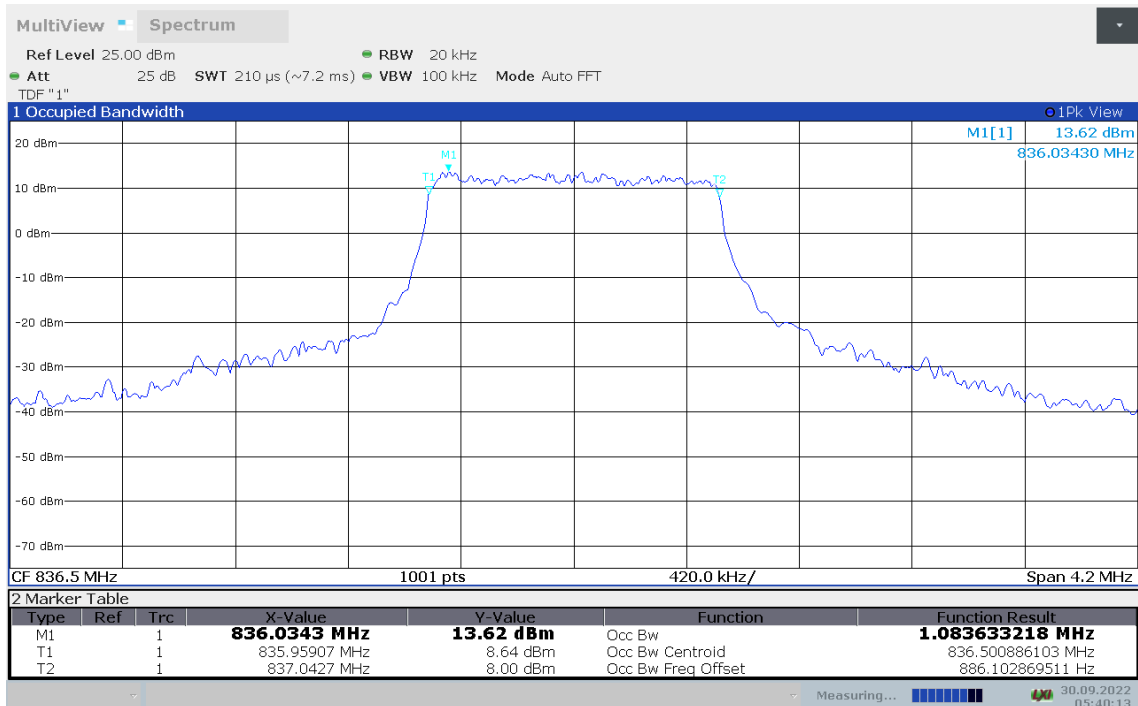
**LTE band 26(824MHz-849MHz), 1.4MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	1.088	1.084	1.090

**LTE band 26(824MHz-849MHz), 1.4MHz Bandwidth, QPSK (99% BW)**

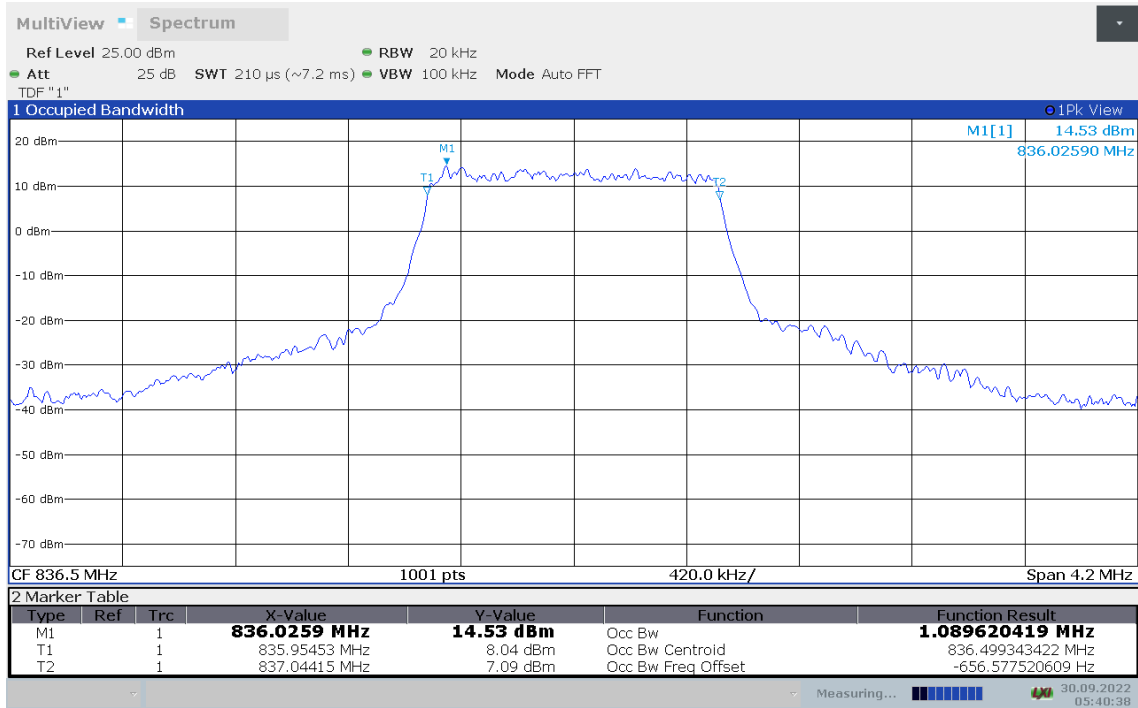


**LTE band 26(824MHz-849MHz), 1.4MHz Bandwidth, 16QAM (99% BW)**





**LTE Band 26(824MHz-849MHz), 1.4MHz Bandwidth, 64QAM (99% BW)**

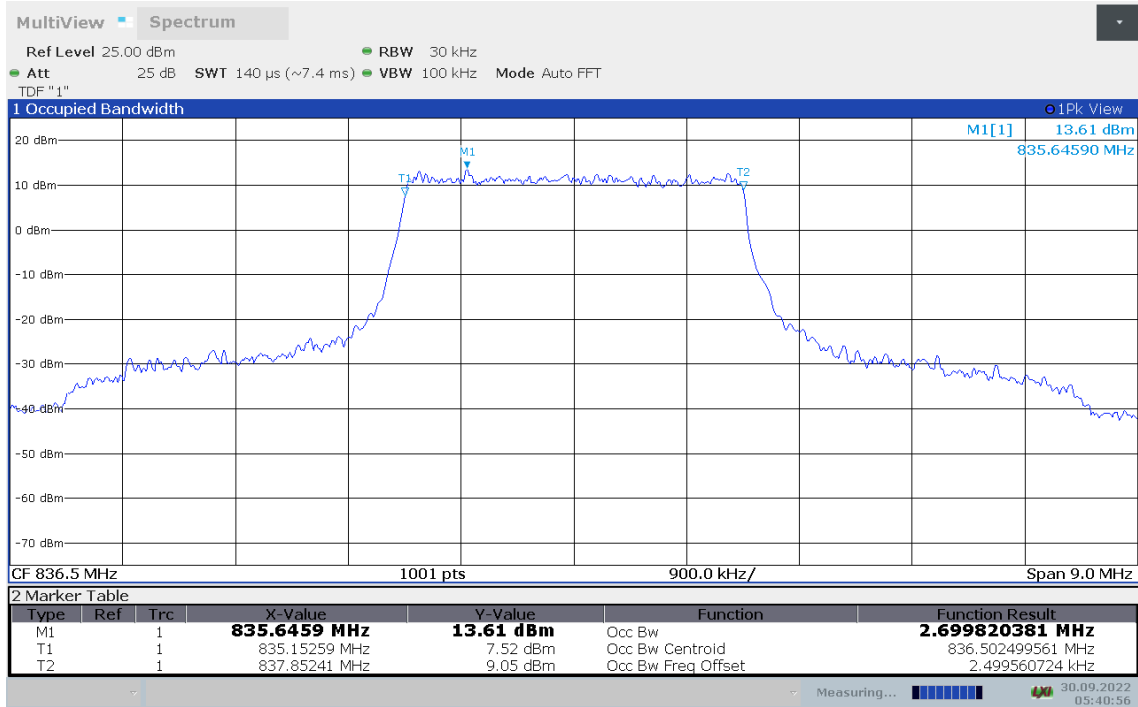




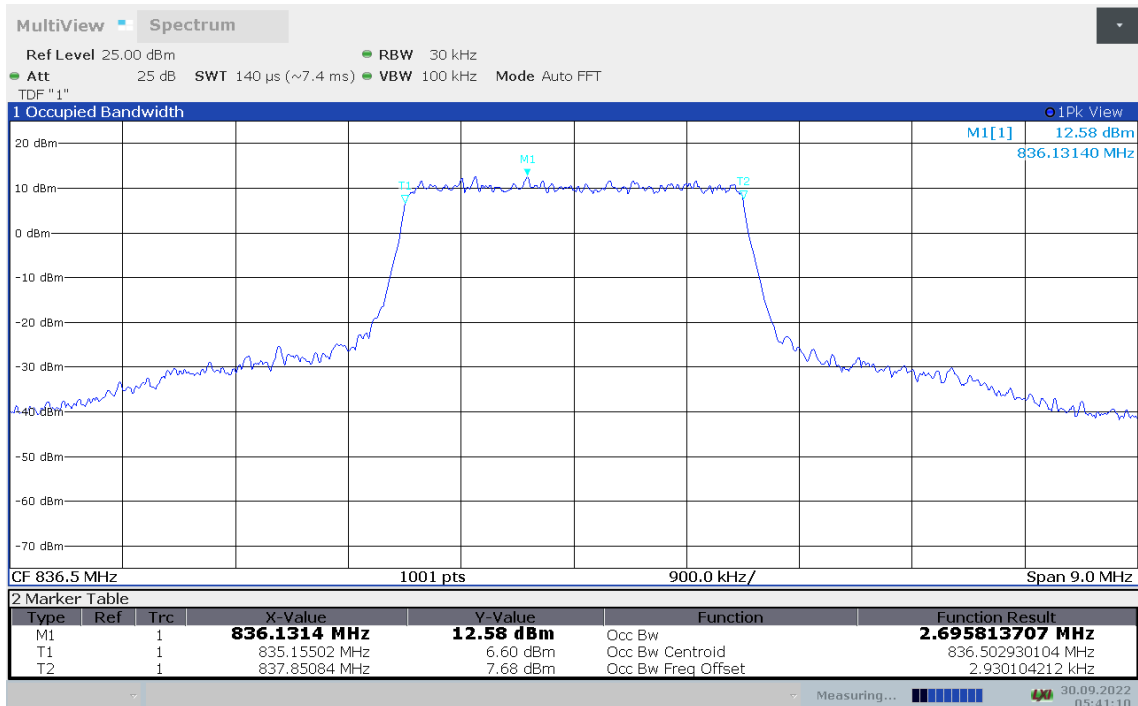
**LTE band 26(824MHz-849MHz), 3MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	2.700	2.696	2.694

**LTE band 26(824MHz-849MHz), 3MHz Bandwidth, QPSK (99% BW)**

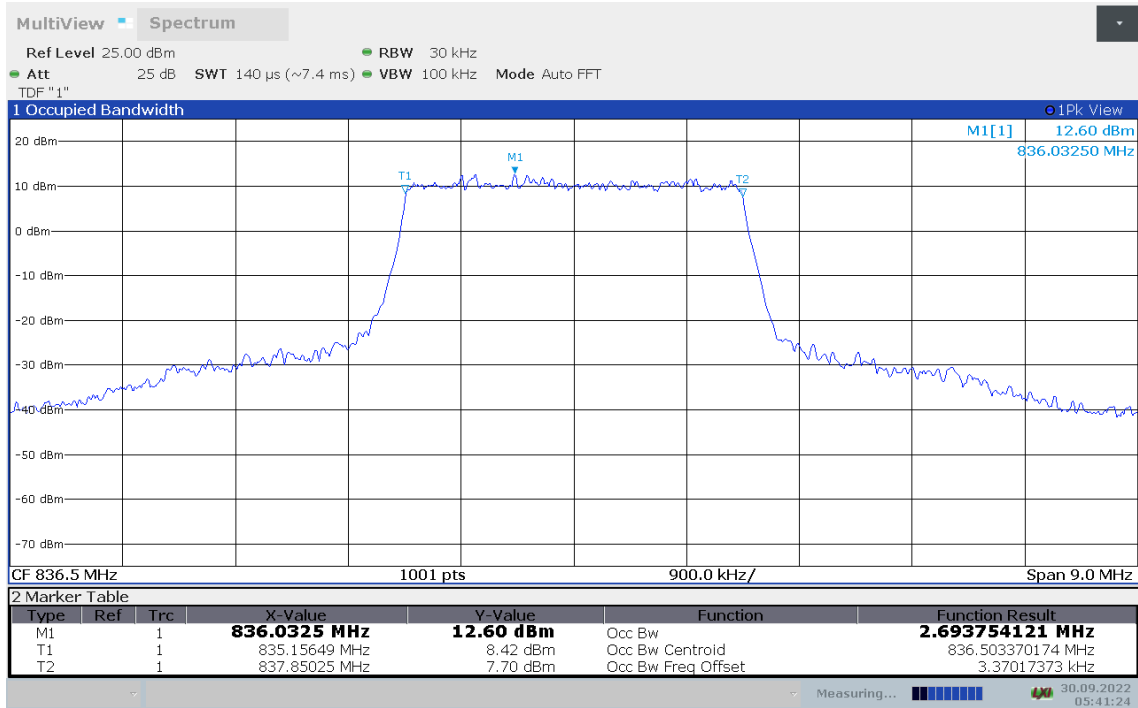


**LTE band 26(824MHz-849MHz), 3MHz Bandwidth, 16QAM (99% BW)**





**LTE Band 26(824MHz-849MHz), 3MHz Bandwidth, 64QAM (99% BW)**

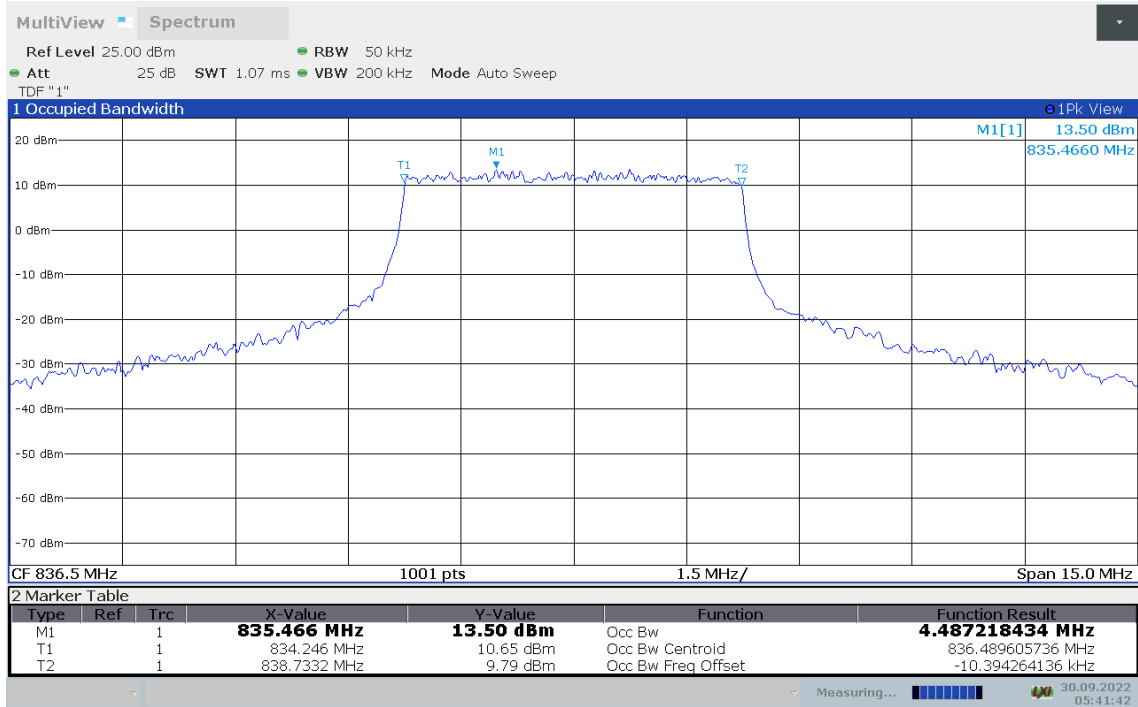




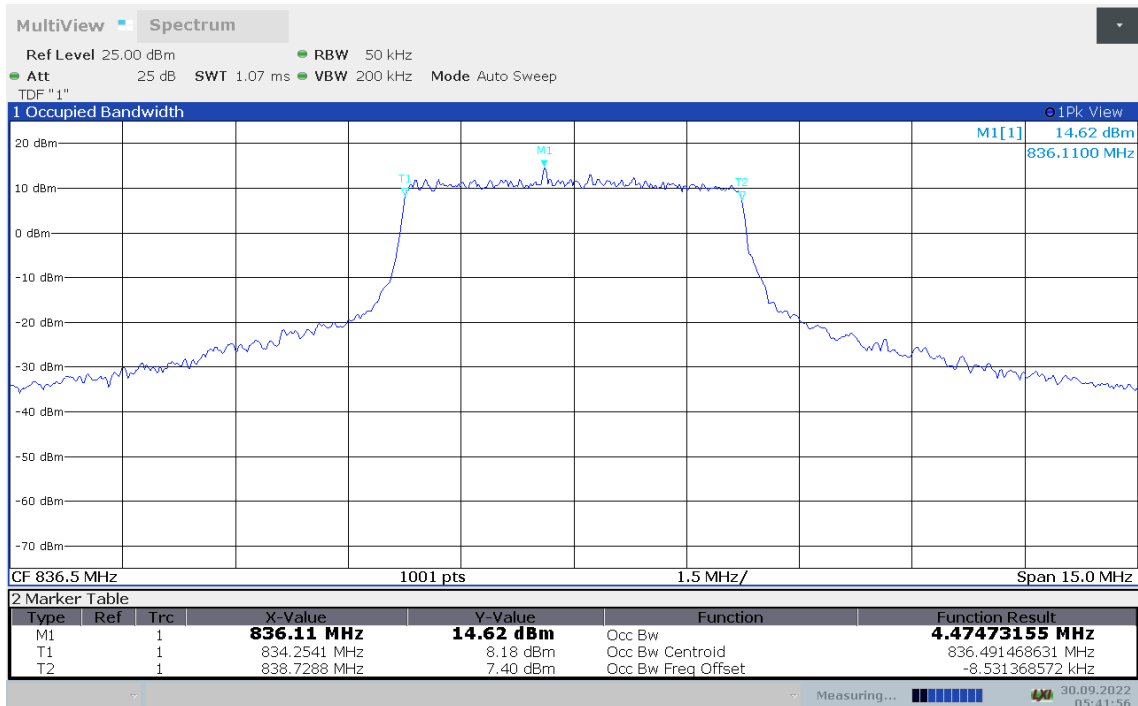
**LTE band 26(824MHz-849MHz), 5MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	4.487	4.475	4.474

**LTE band 26(824MHz-849MHz), 5MHz Bandwidth, QPSK (99% BW)**

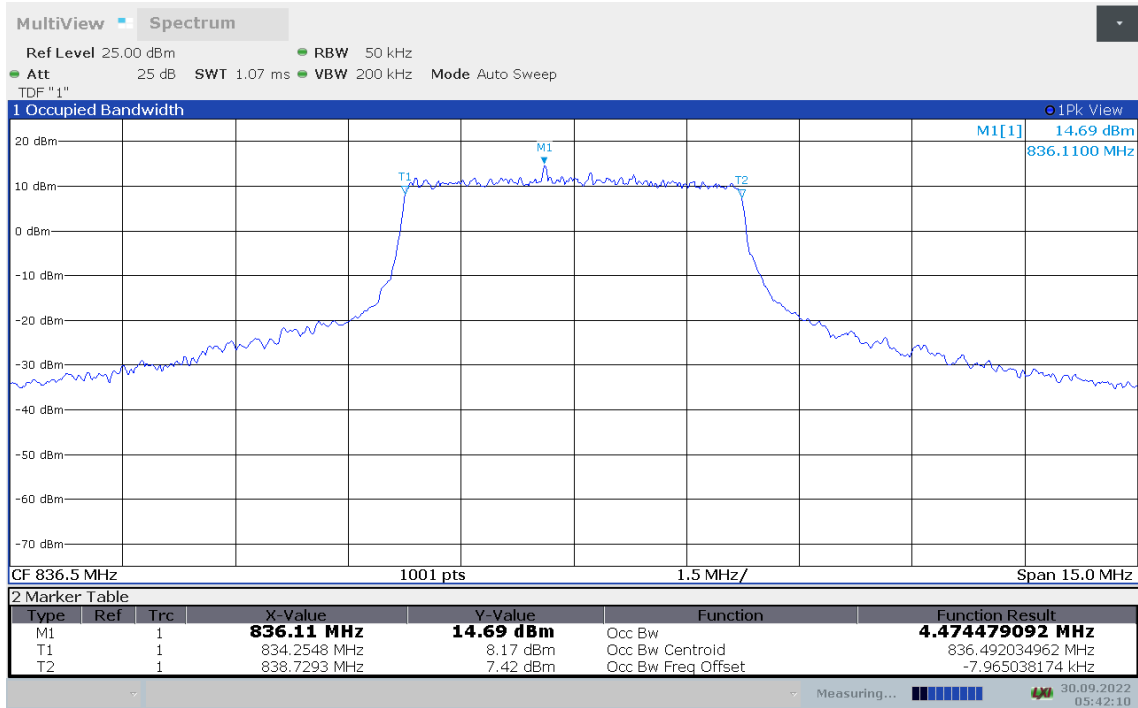


**LTE band 26(824MHz-849MHz), 5MHz Bandwidth,16QAM (99% BW)**





**LTE Band 26(824MHz-849MHz), 5MHz Bandwidth,64QAM (99% BW)**



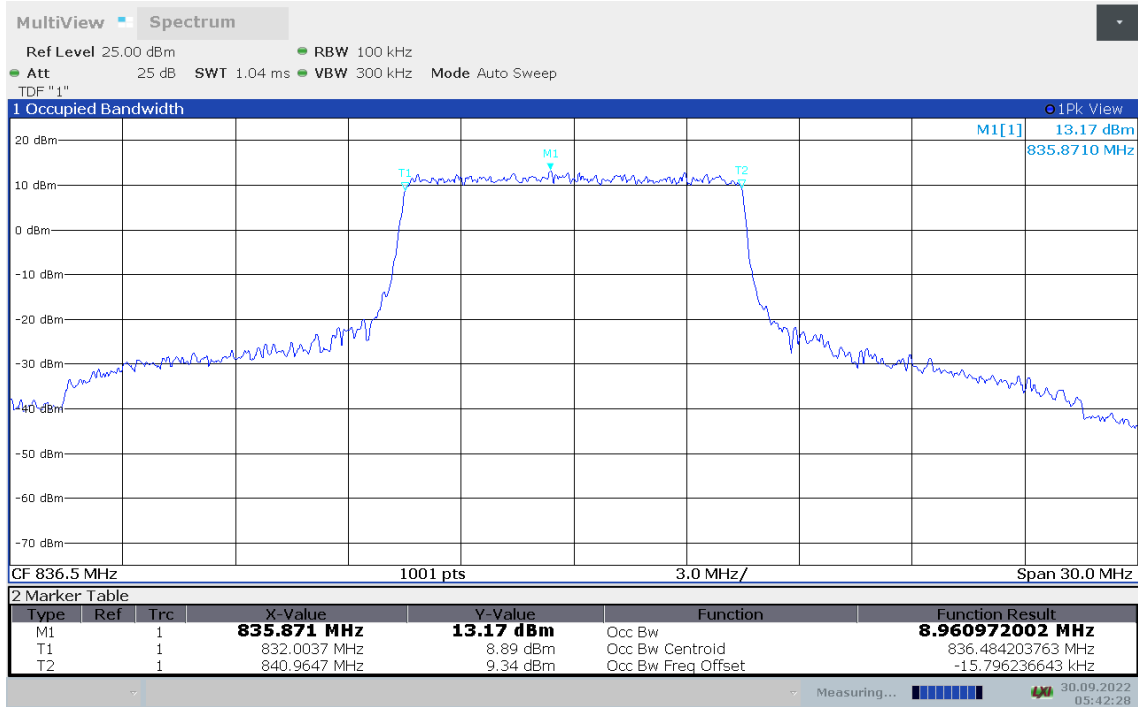




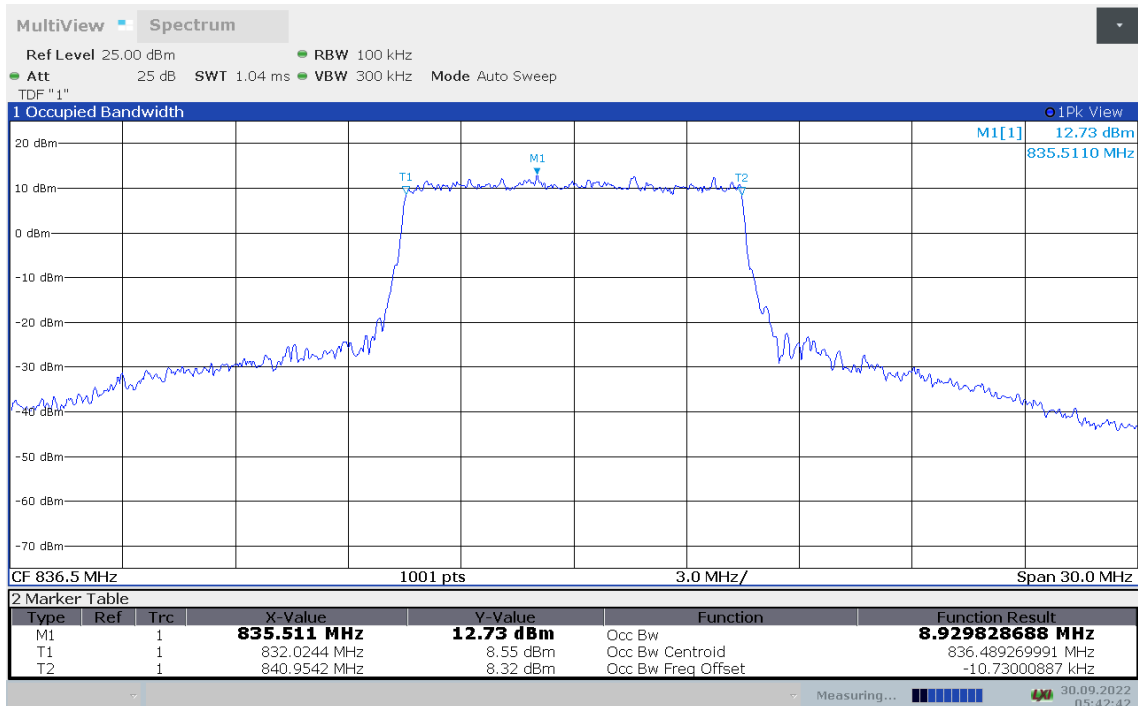
**LTE band 26(824MHz-849MHz), 10MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	8.961	8.930	8.942

**LTE band 26(824MHz-849MHz), 10MHz Bandwidth, QPSK (99% BW)**

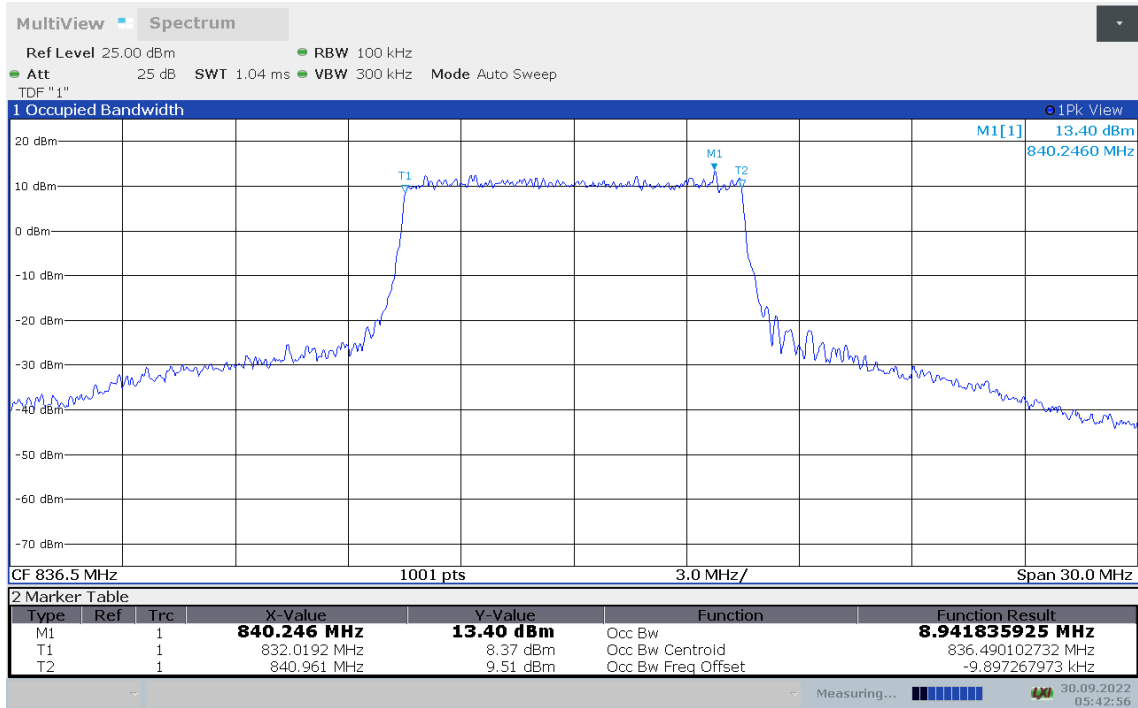


**LTE band 26(824MHz-849MHz), 10MHz Bandwidth, 16QAM (99% BW)**





LTE Band 26(824MHz-849MHz), 10MHz Bandwidth, 64QAM (99% BW)

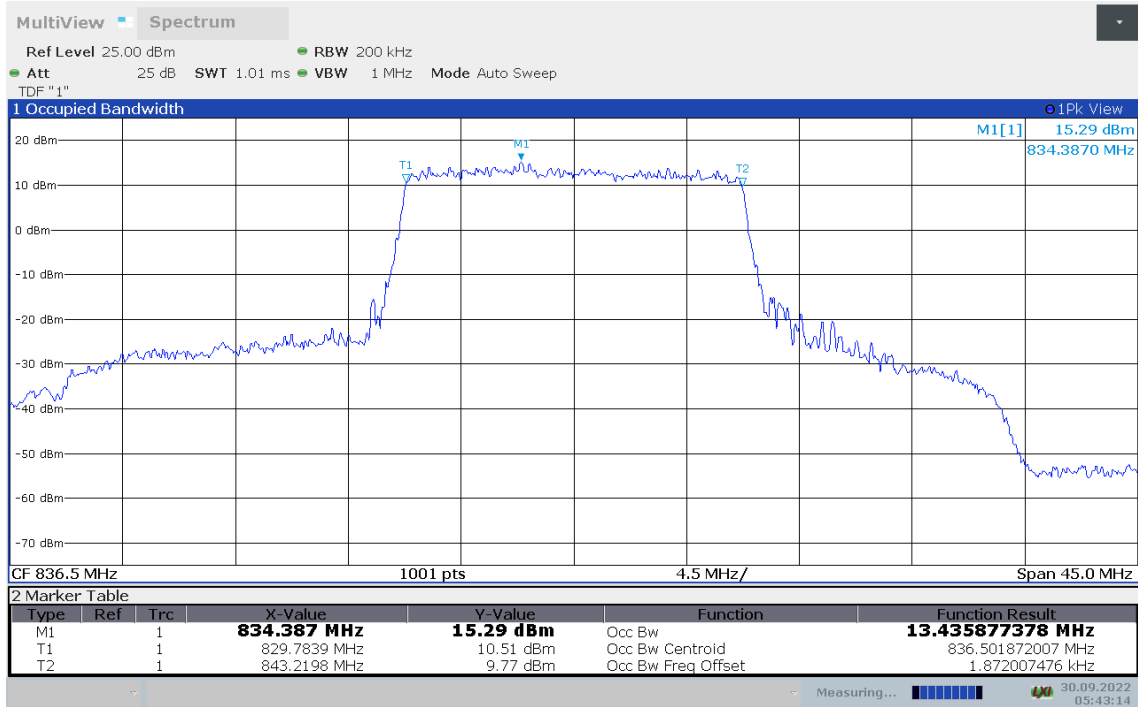




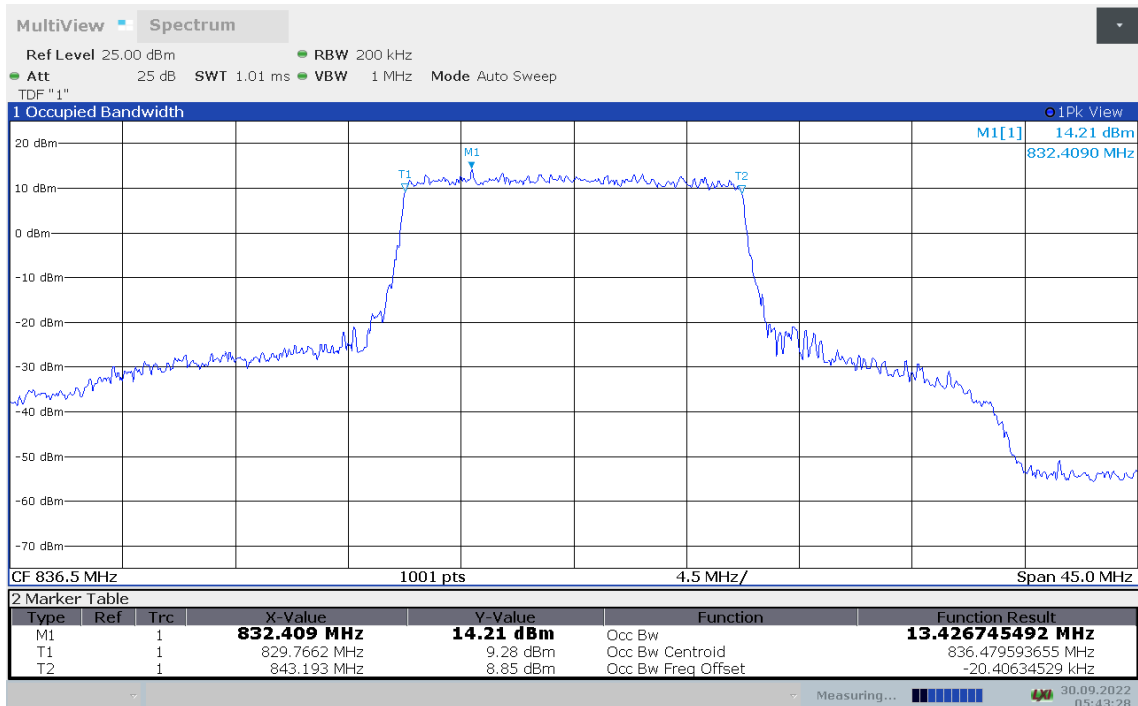
**LTE band 26(824MHz-849MHz), 15MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	13.436	13.427	13.432

**LTE band 26(824MHz-849MHz), 15MHz Bandwidth, QPSK (99% BW)**

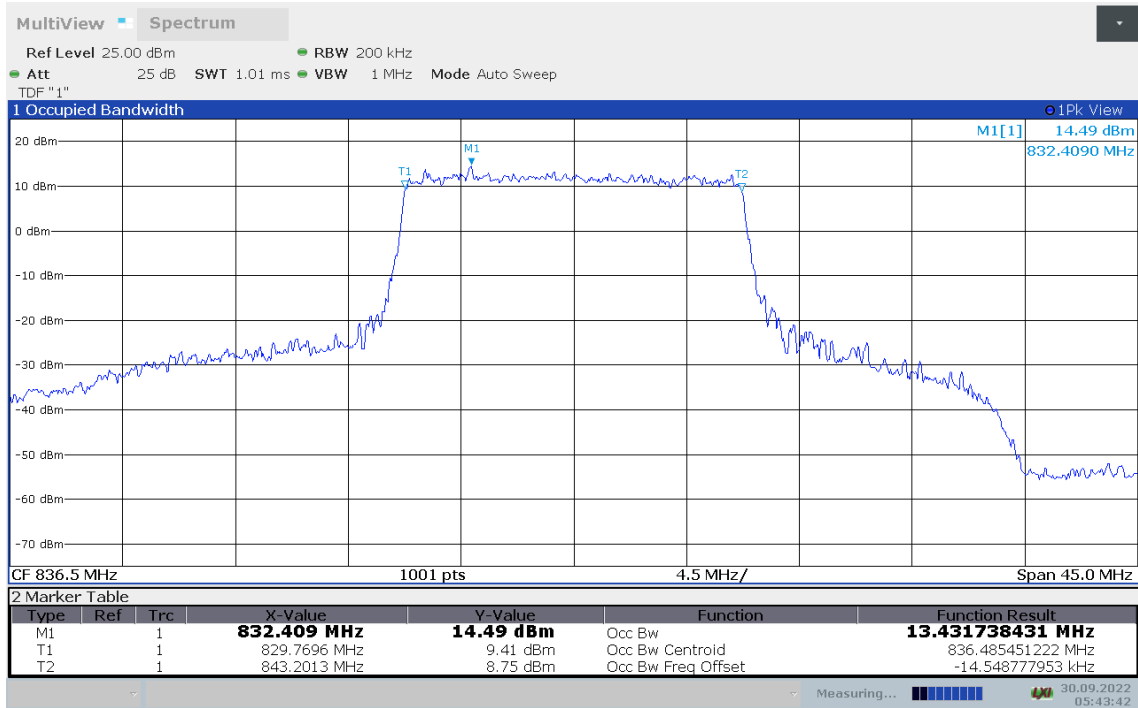


**LTE band 26(824MHz-849MHz), 15MHz Bandwidth, 16QAM (99% BW)**





**LTE Band 26(824MHz-849MHz), 15MHz Bandwidth, 64QAM (99% BW)**

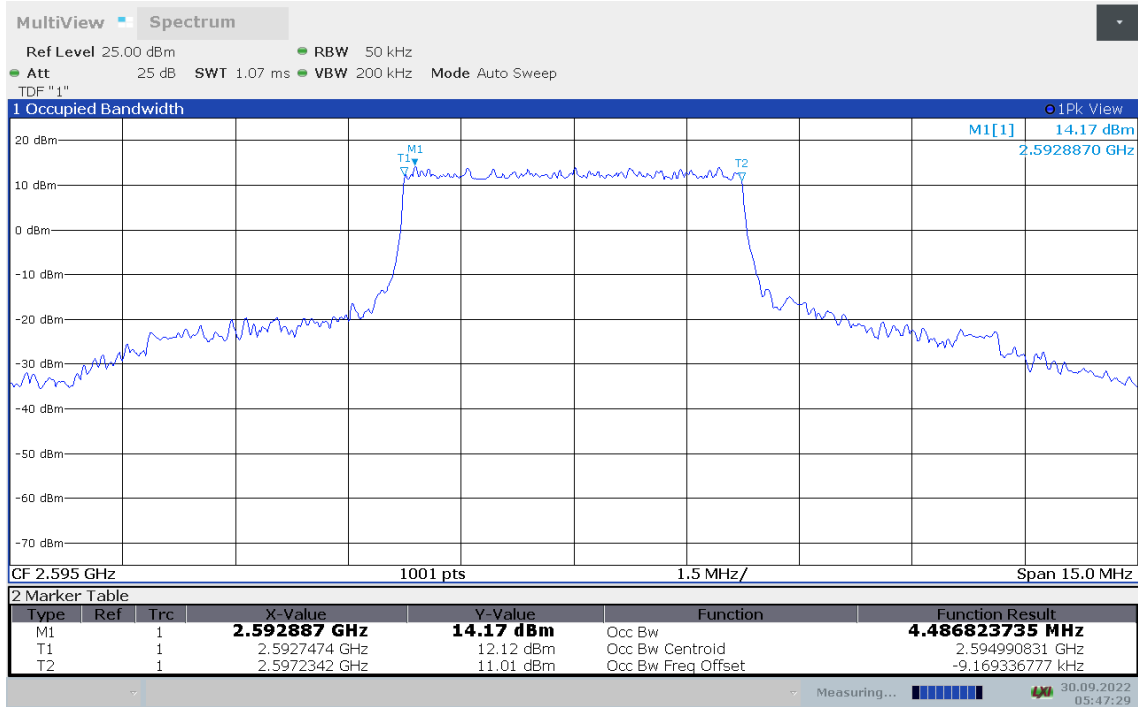




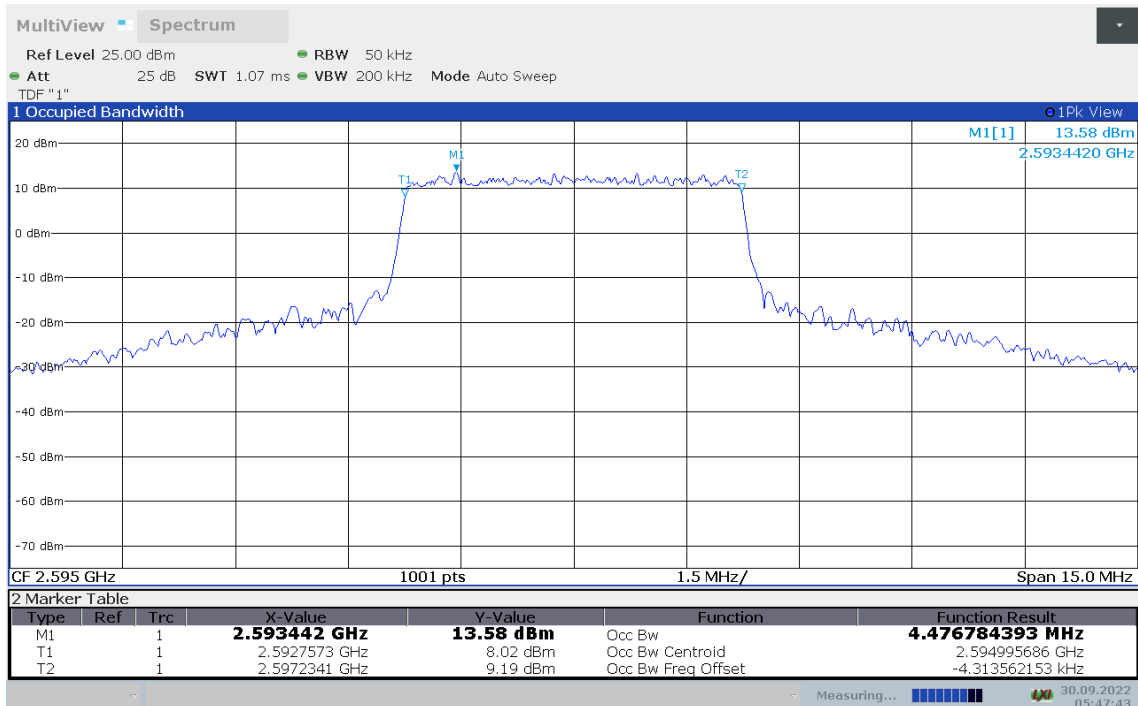
**LTE band 38, 5MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
2595.0	QPSK	16QAM	64QAM
	4.487	4.477	4.478

**LTE band 38, 5MHz Bandwidth, QPSK (99% BW)**

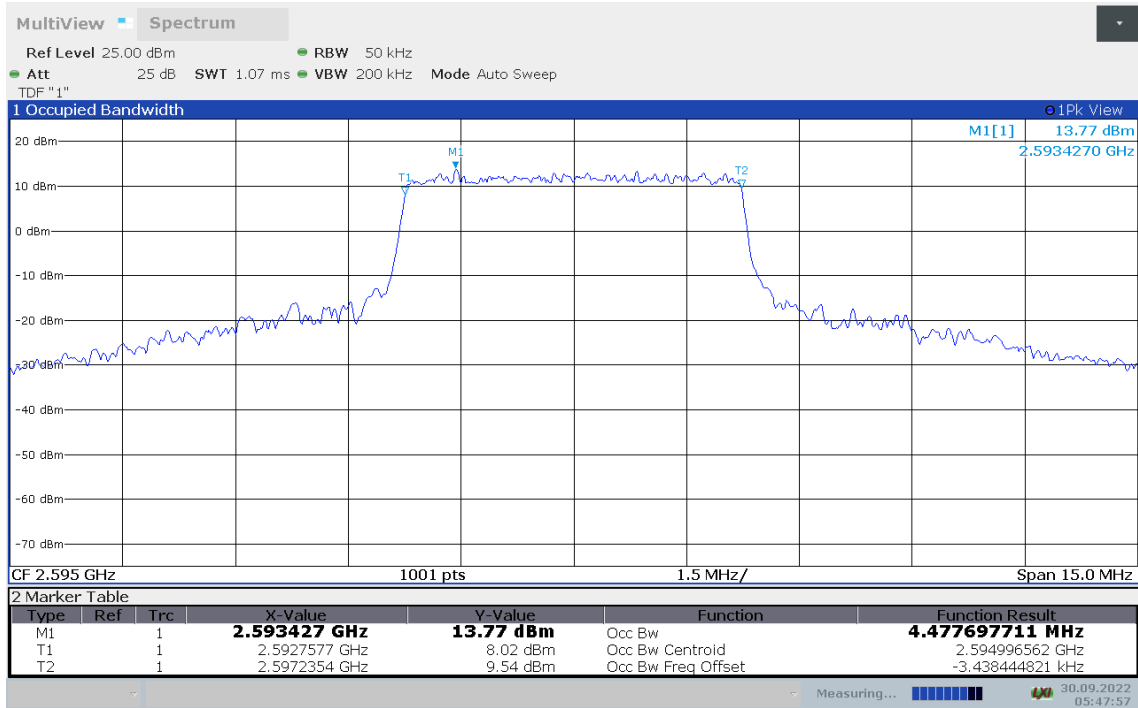


**LTE band 38, 5MHz Bandwidth, 16QAM (99% BW)**





LTE Band 38, 5MHz Bandwidth,64QAM (99% BW)

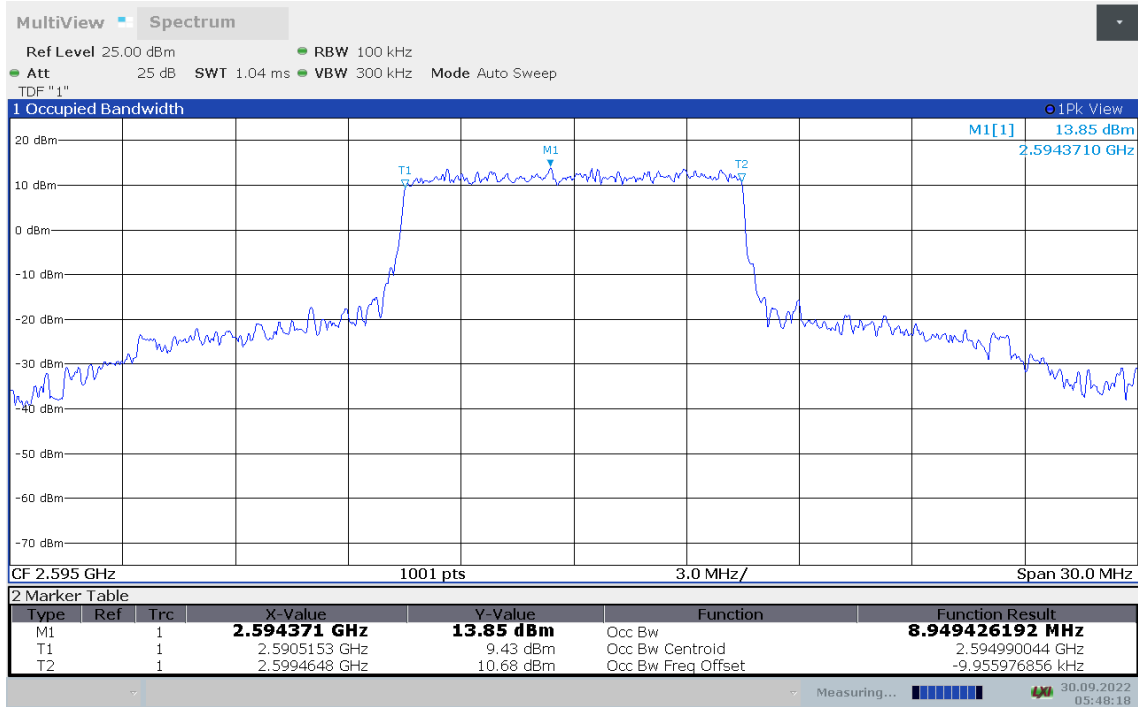




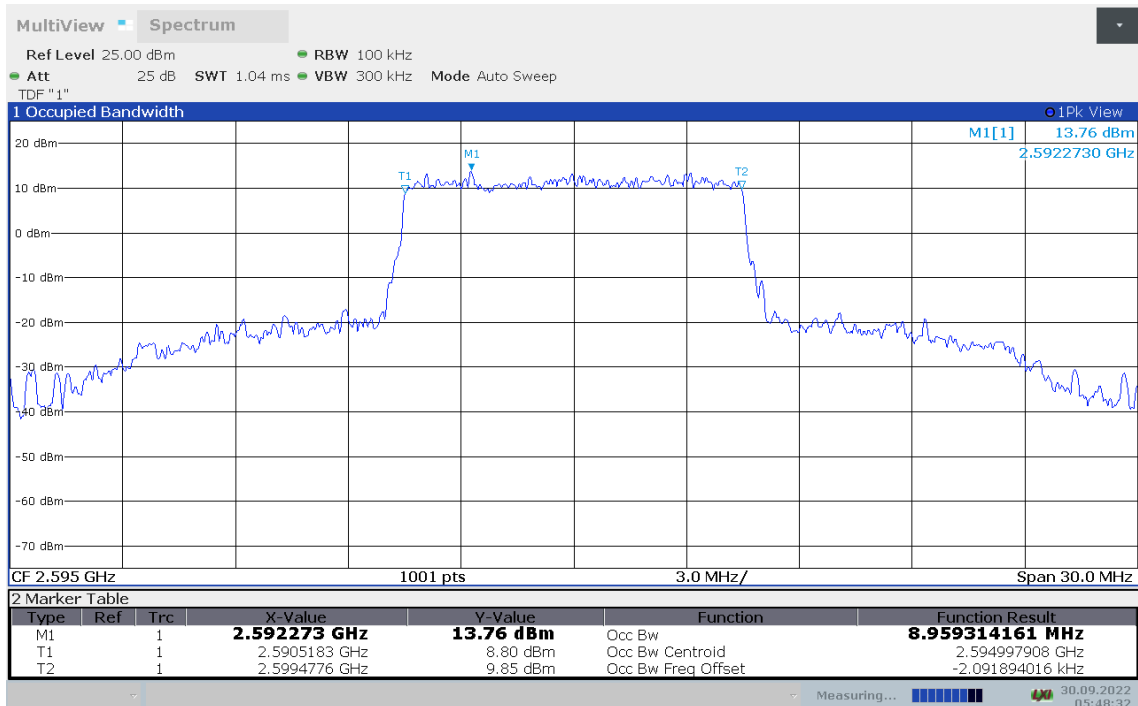
**LTE band 38, 10MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
2595.0	QPSK	16QAM	64QAM
	8.949	8.959	8.962

**LTE band 38, 10MHz Bandwidth, QPSK (99% BW)**

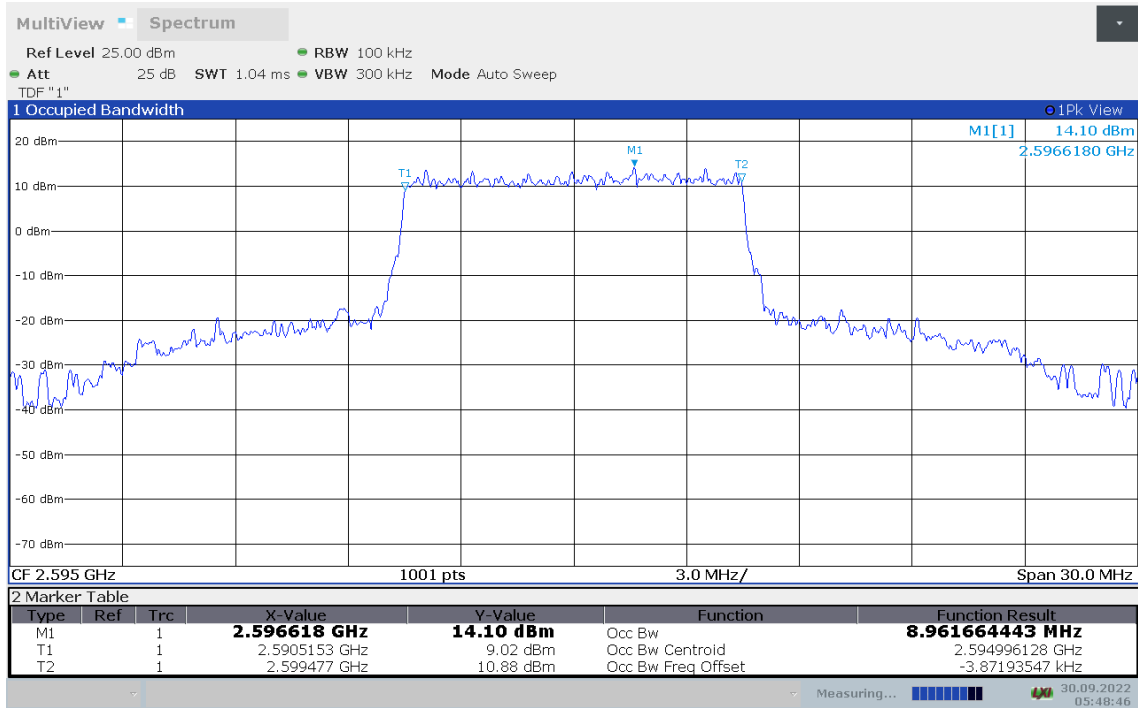


**LTE band 38, 10MHz Bandwidth, 16QAM (99% BW)**





### LTE Band 38, 10MHz Bandwidth, 64QAM (99% BW)



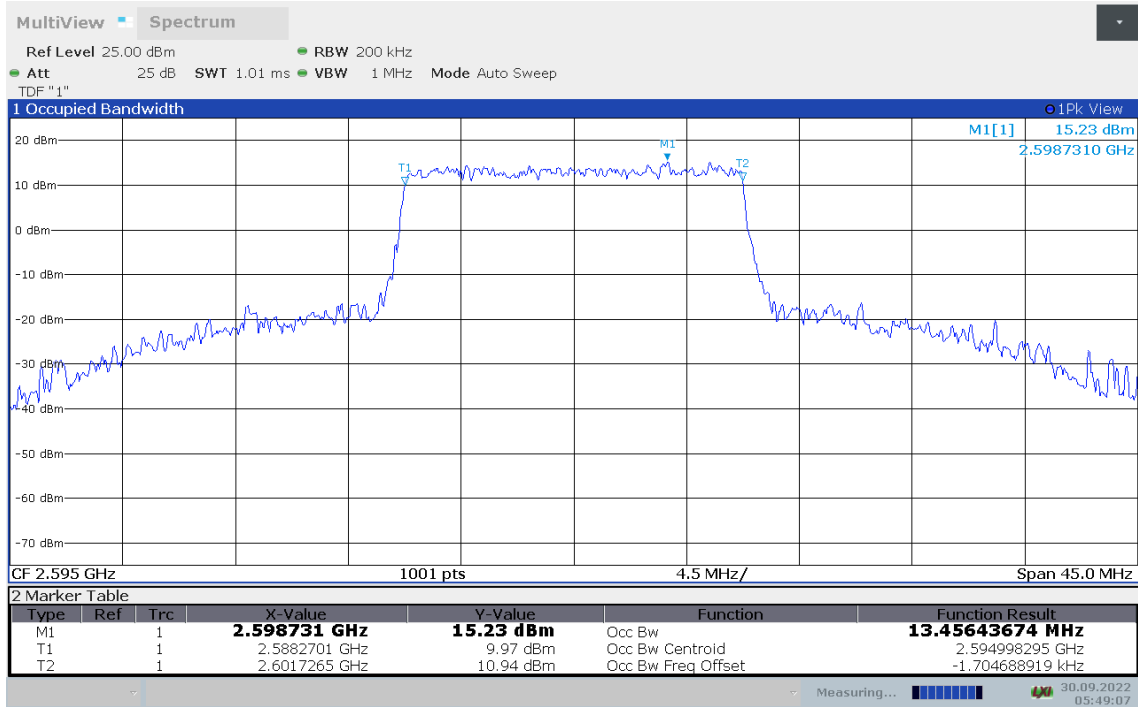




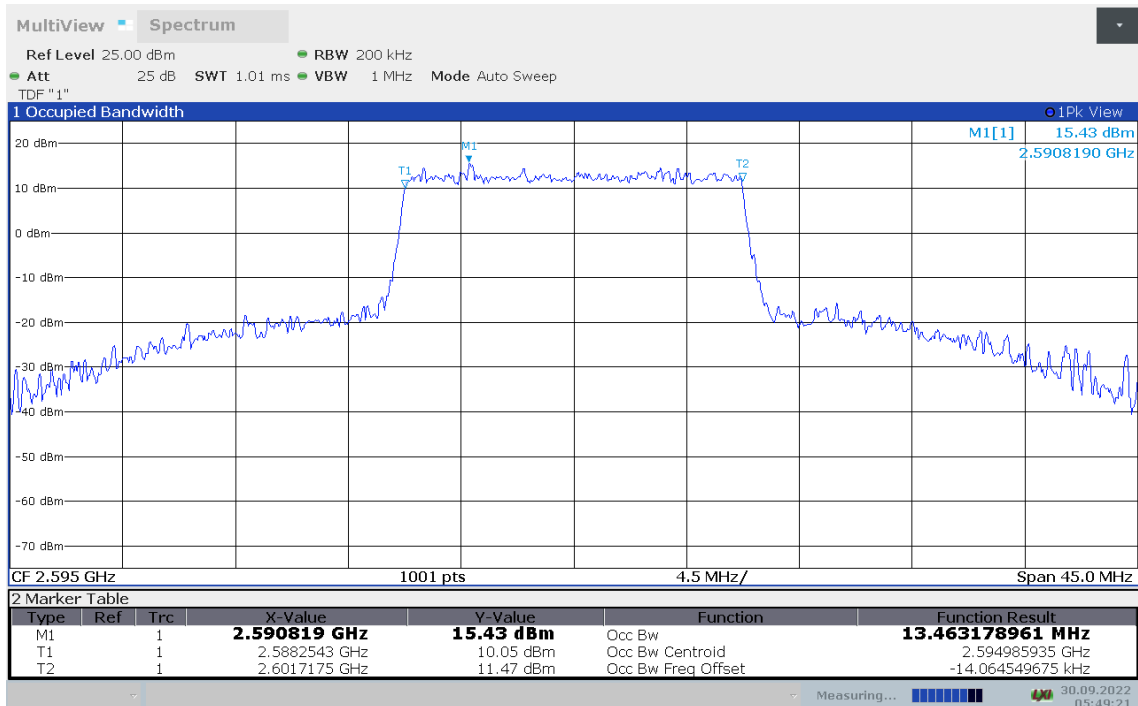
**LTE band 38, 15MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
2595.0	QPSK	16QAM	64QAM
	13.456	13.463	13.482

**LTE band 38, 15MHz Bandwidth, QPSK (99% BW)**

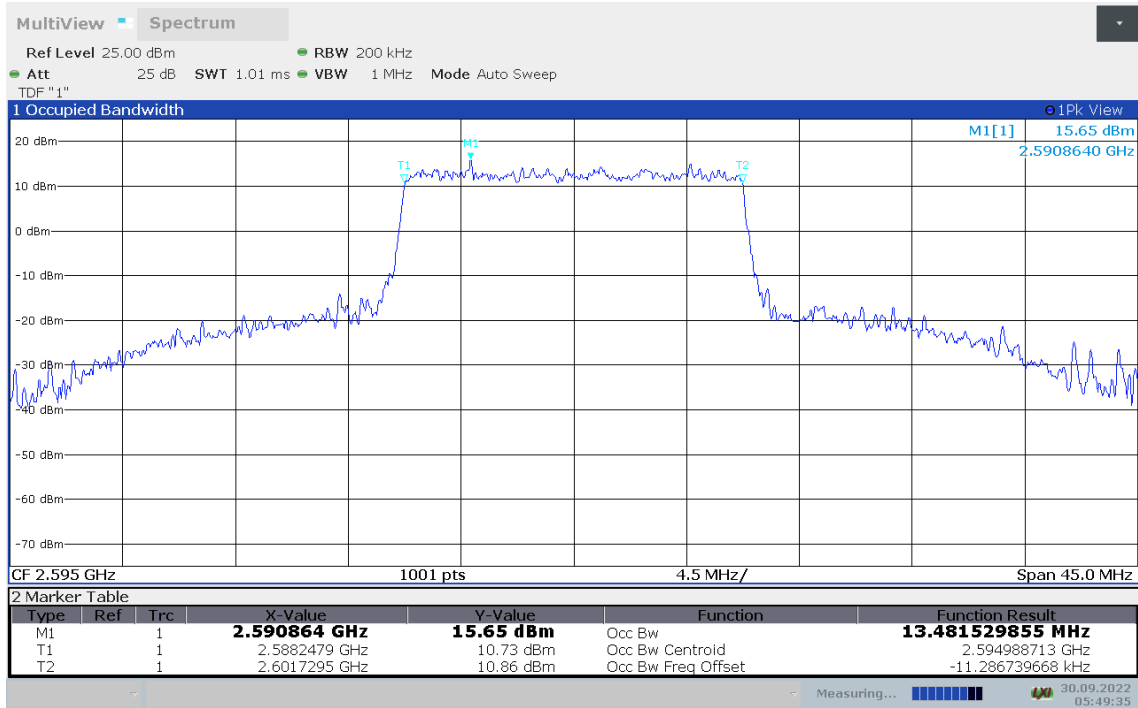


**LTE band 38, 15MHz Bandwidth, 16QAM (99% BW)**





LTE Band 38, 15MHz Bandwidth, 64QAM (99% BW)

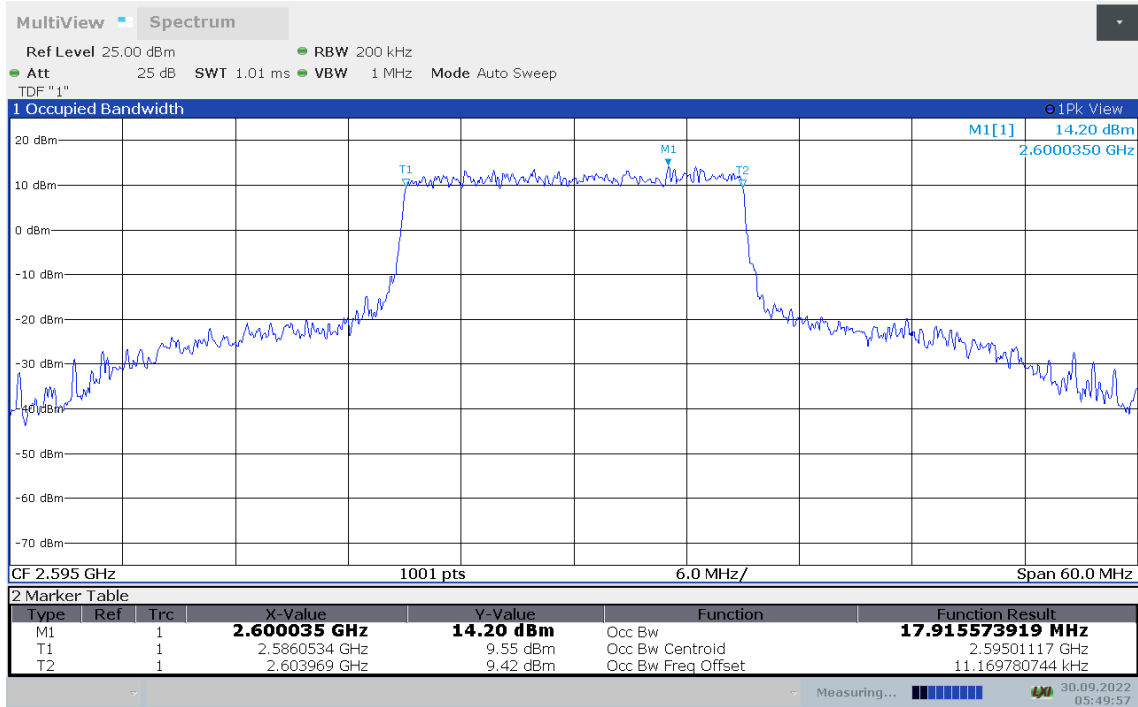




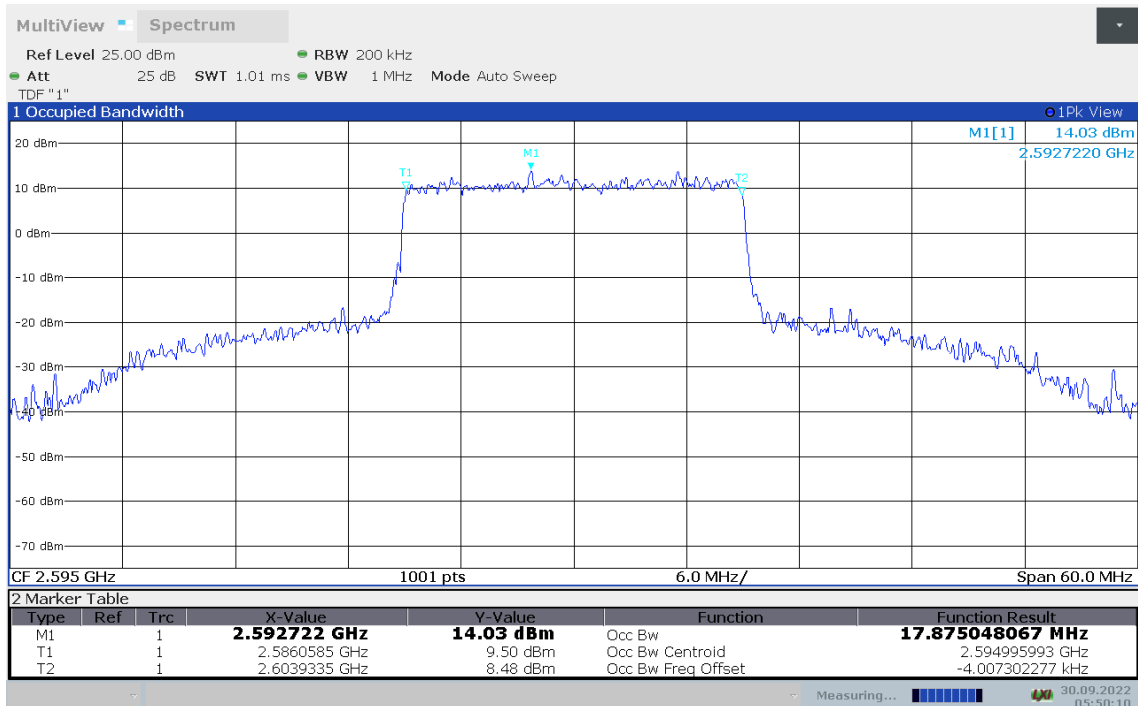
**LTE band 38, 20MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
2595.0	QPSK	16QAM	64QAM
	17.916	17.875	17.931

**LTE band 38, 20MHz Bandwidth, QPSK (99% BW)**

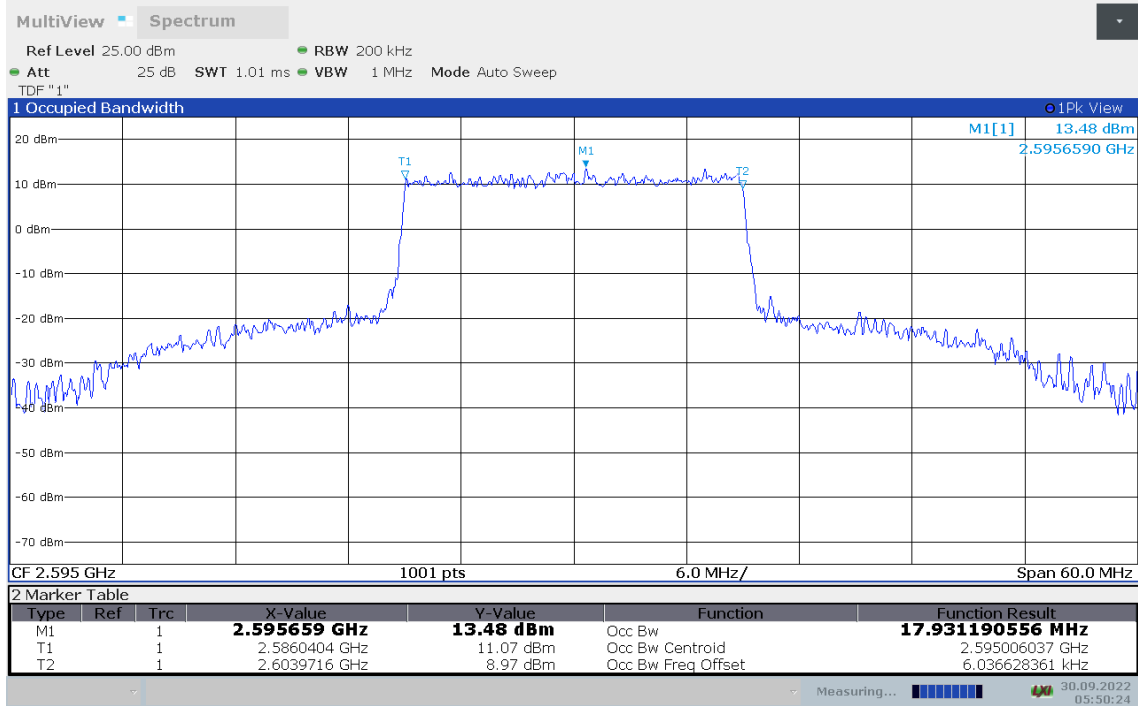


**LTE band 38, 20MHz Bandwidth, 16QAM (99% BW)**





LTE Band 38, 20MHz Bandwidth, 64QAM (99% BW)

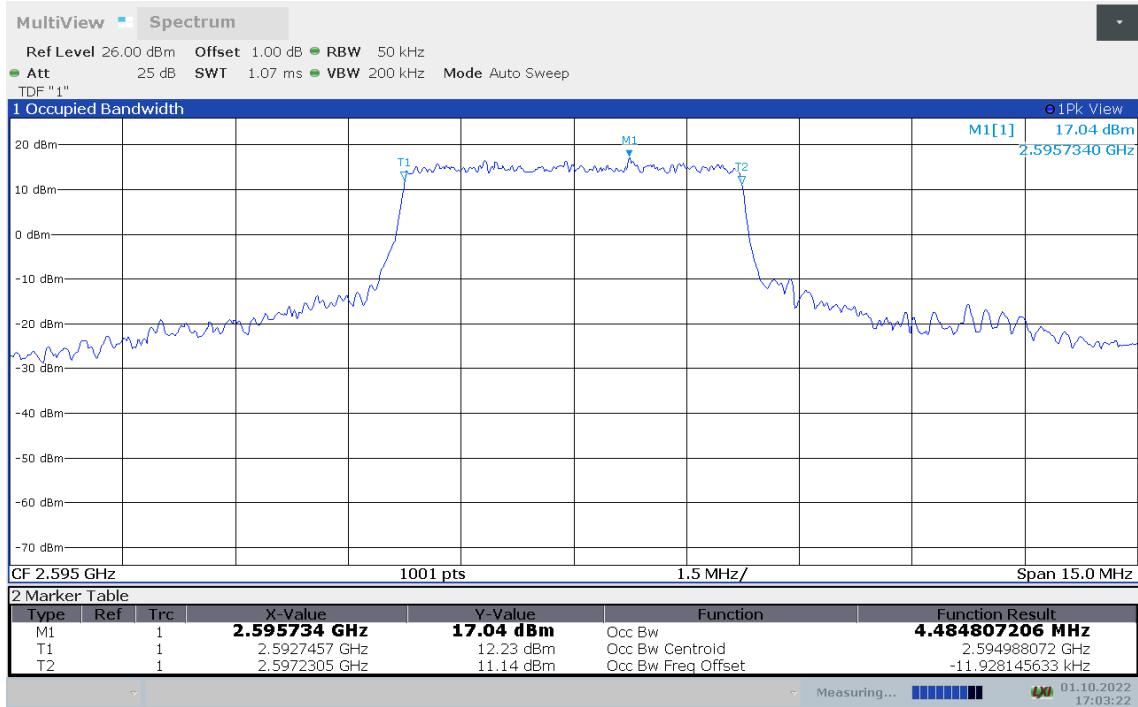




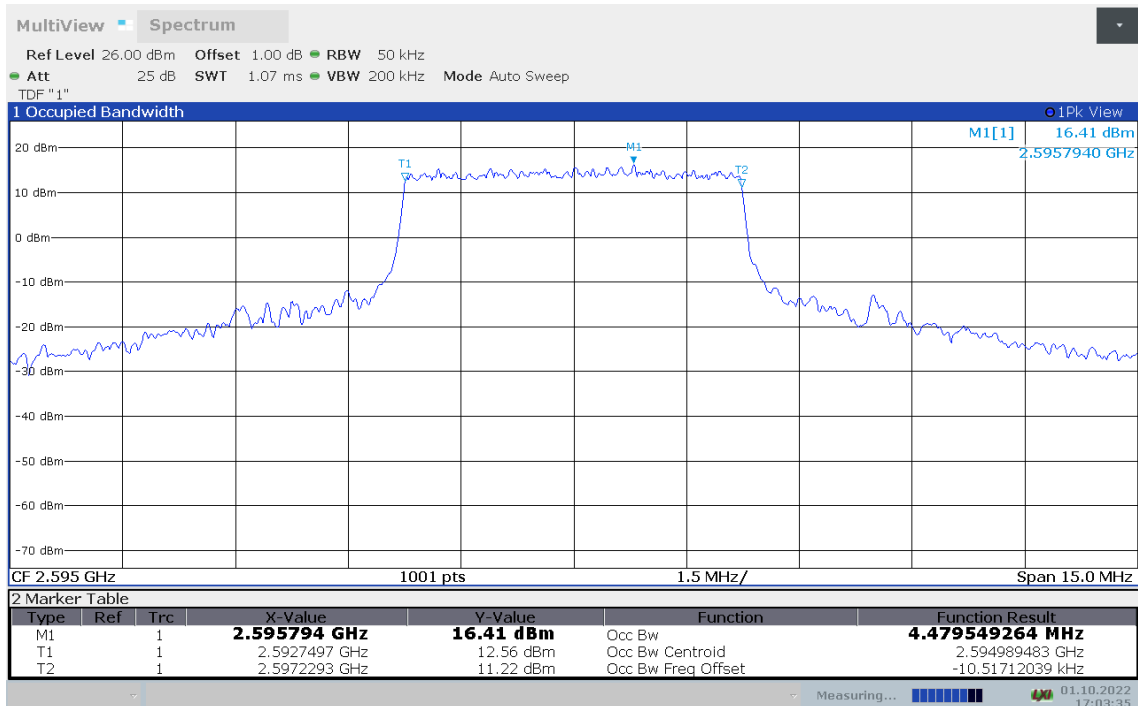
**LTE band 41,5MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
2593	QPSK	16QAM	64QAM
	4.485	4.479	4.474

**LTE band 41,5MHz Bandwidth, QPSK (99% BW)**

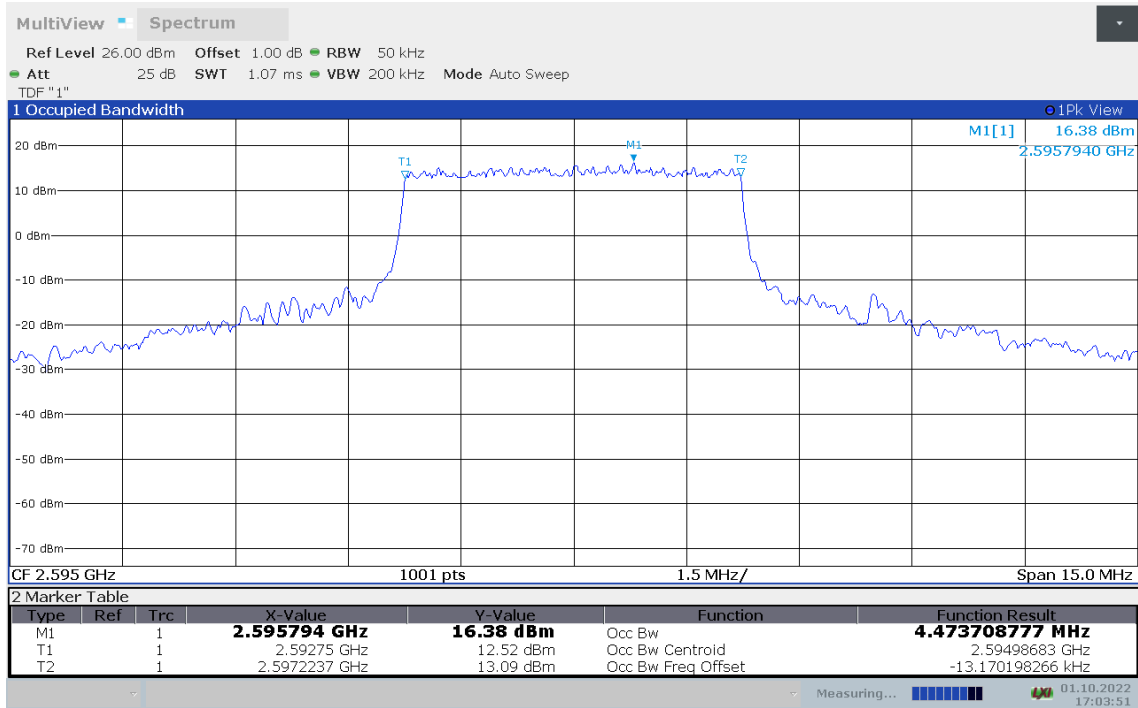


**LTE band 41,5MHz Bandwidth,16QAM (99% BW)**





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

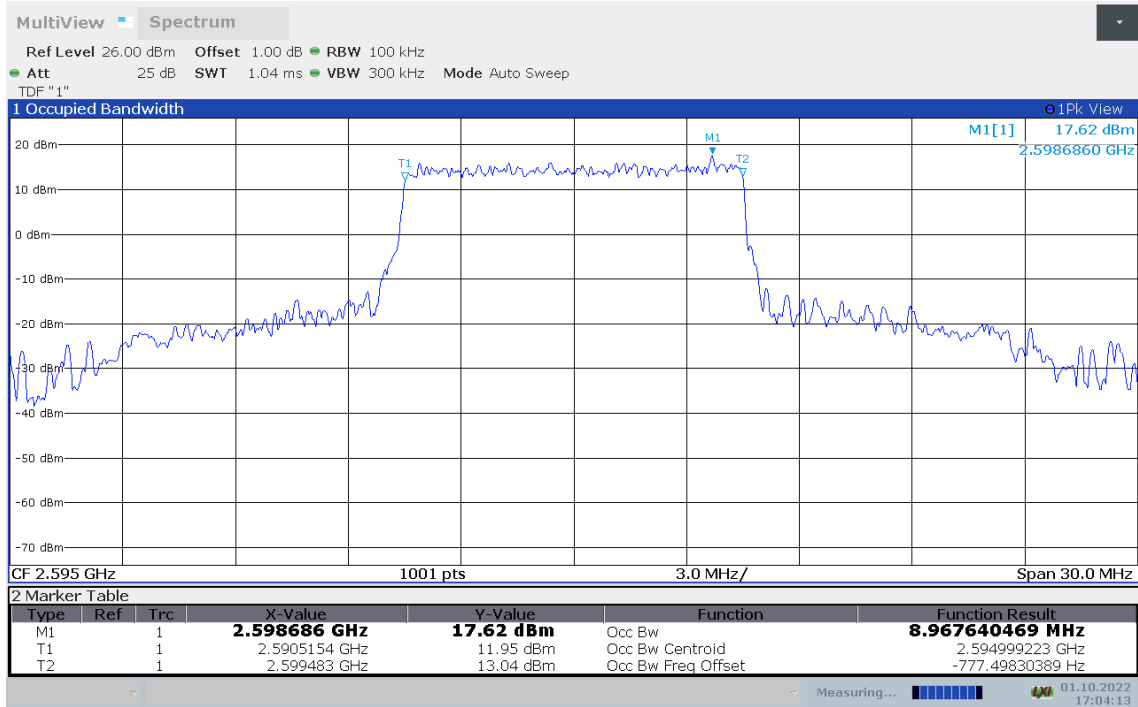




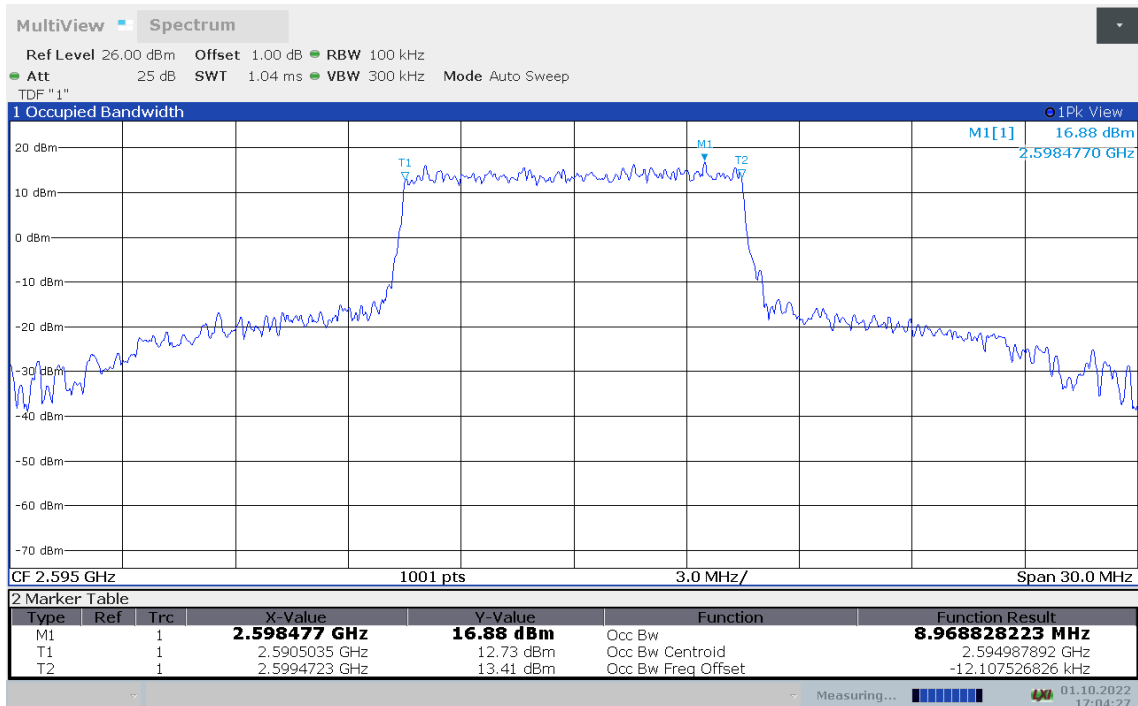
**LTE band 41,10MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
2593	QPSK	16QAM	64QAM
	8.968	8.969	8.951

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

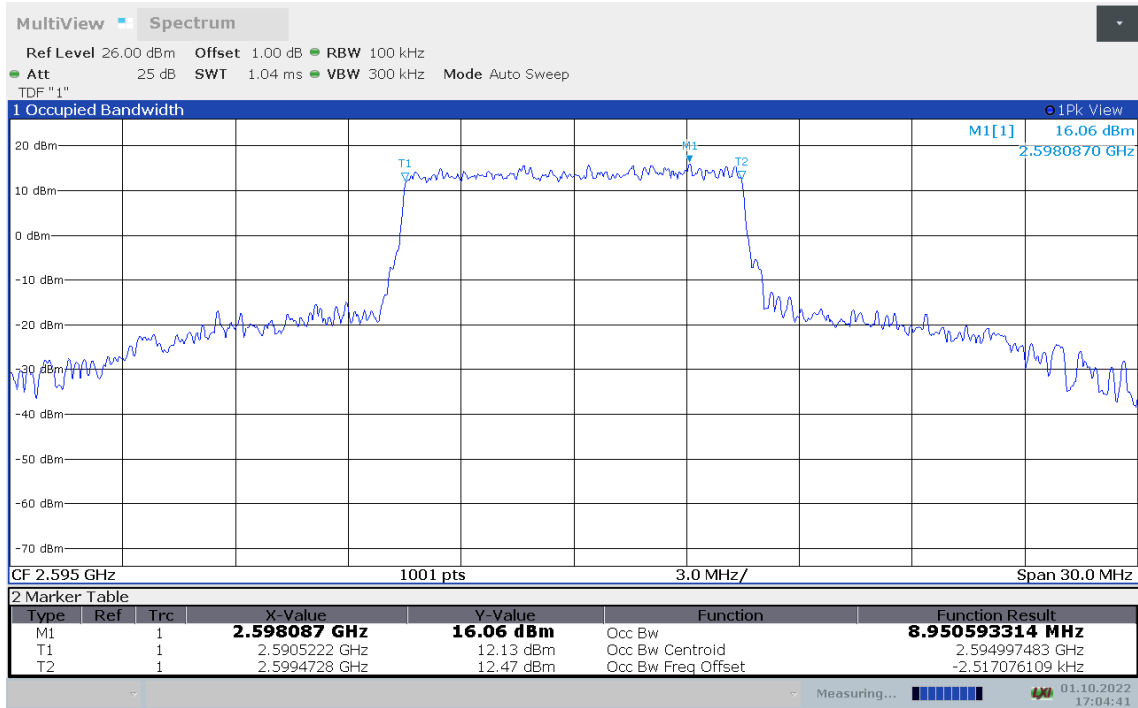


**LTE band 41,10MHz Bandwidth, 16QAM (99% BW)**





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



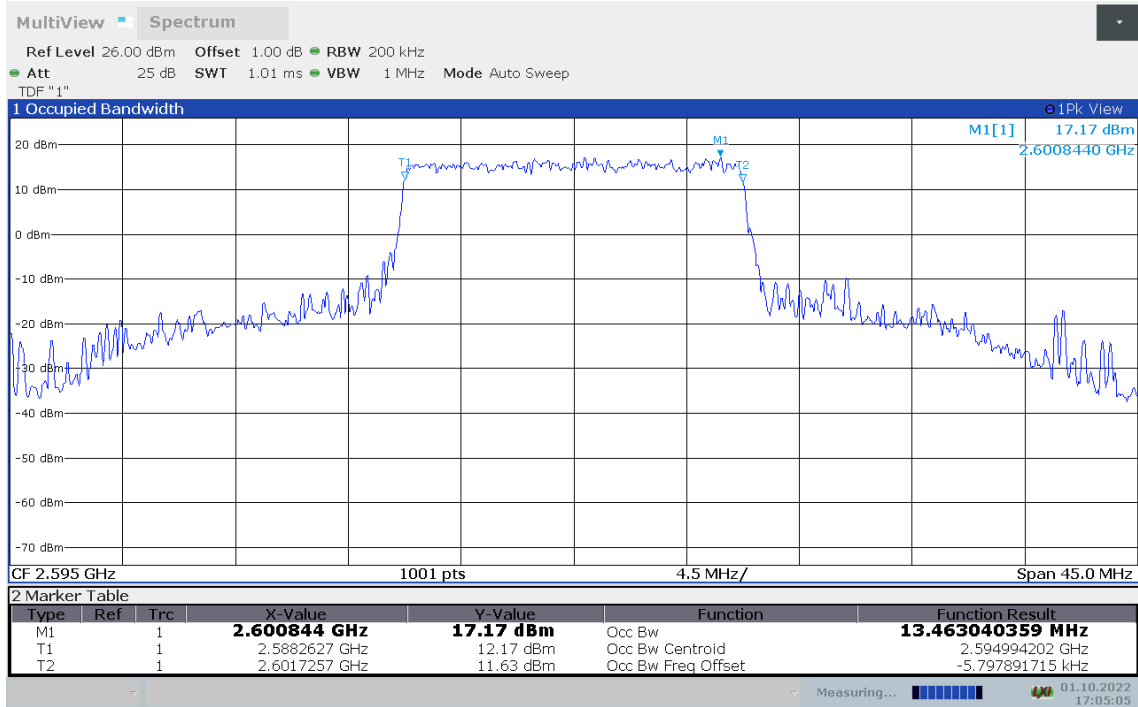




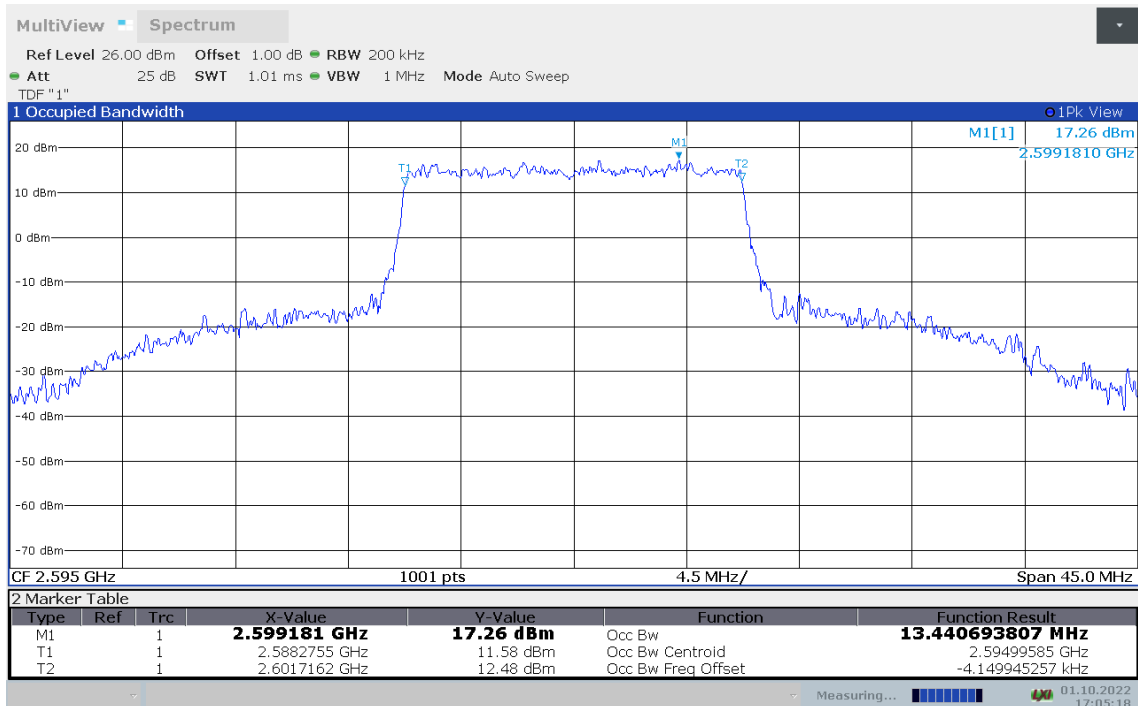
**LTE band 41,15MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
2593	QPSK	16QAM	64QAM
	13.463	13.441	13.460

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

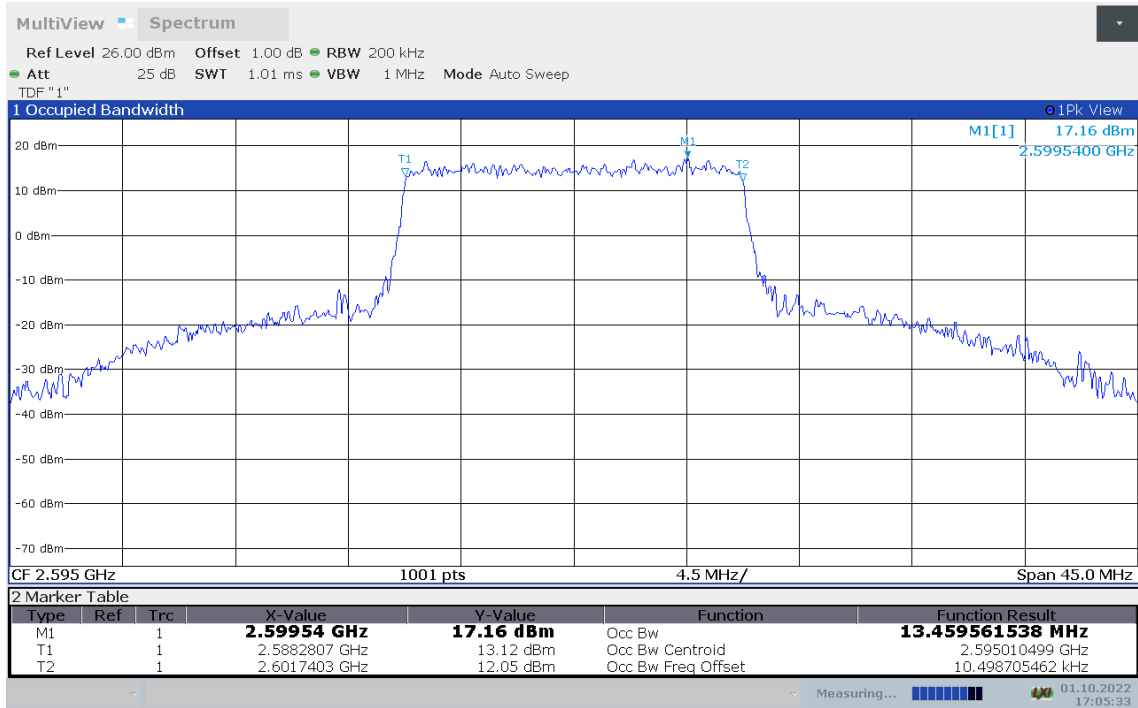


**LTE band 41,15MHz Bandwidth,16QAM (99% BW)**





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

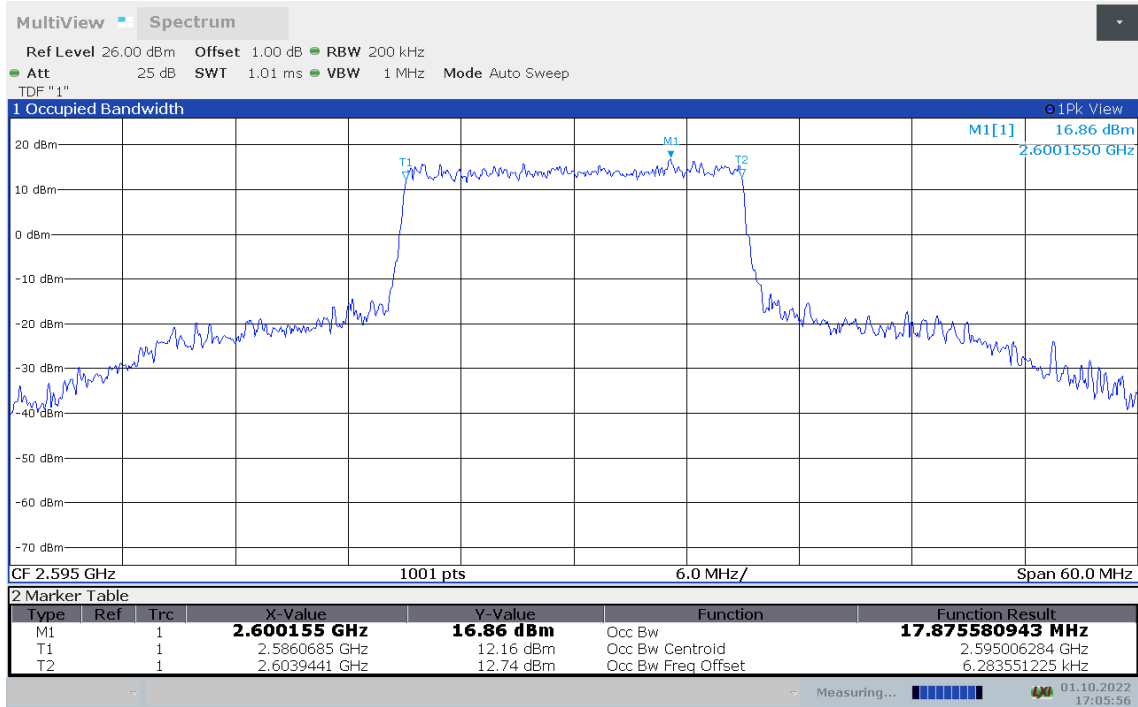




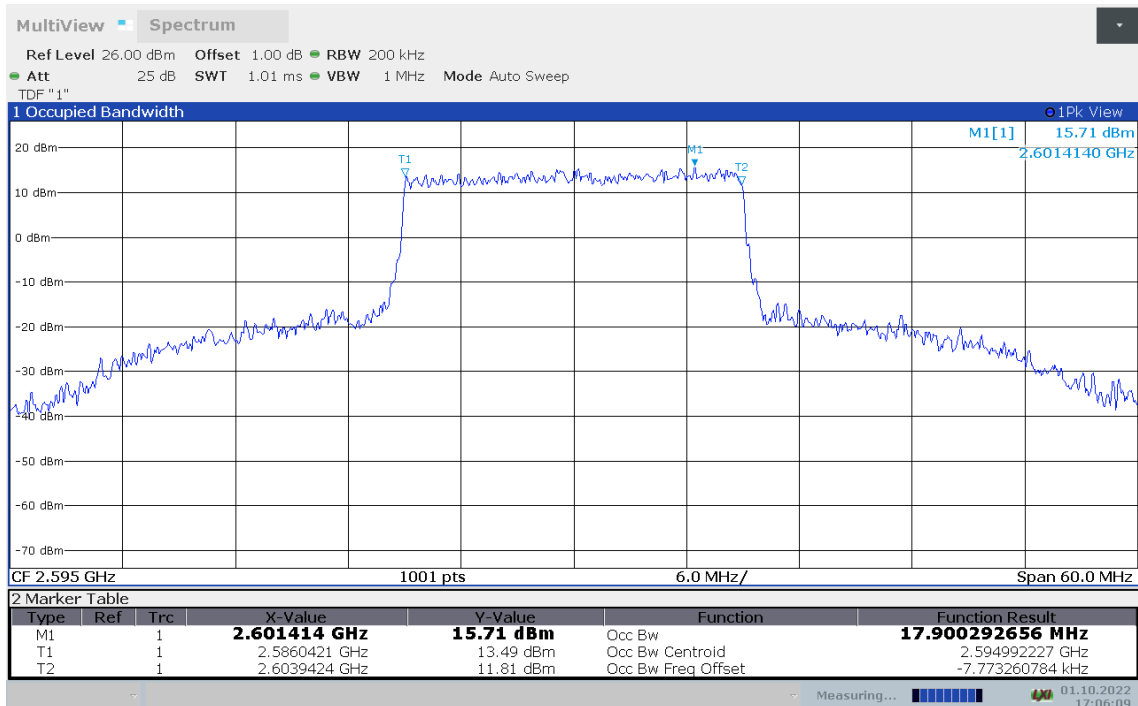
**LTE band 41,20MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
2593	QPSK	16QAM	64QAM
	17.876	17.900	17.921

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

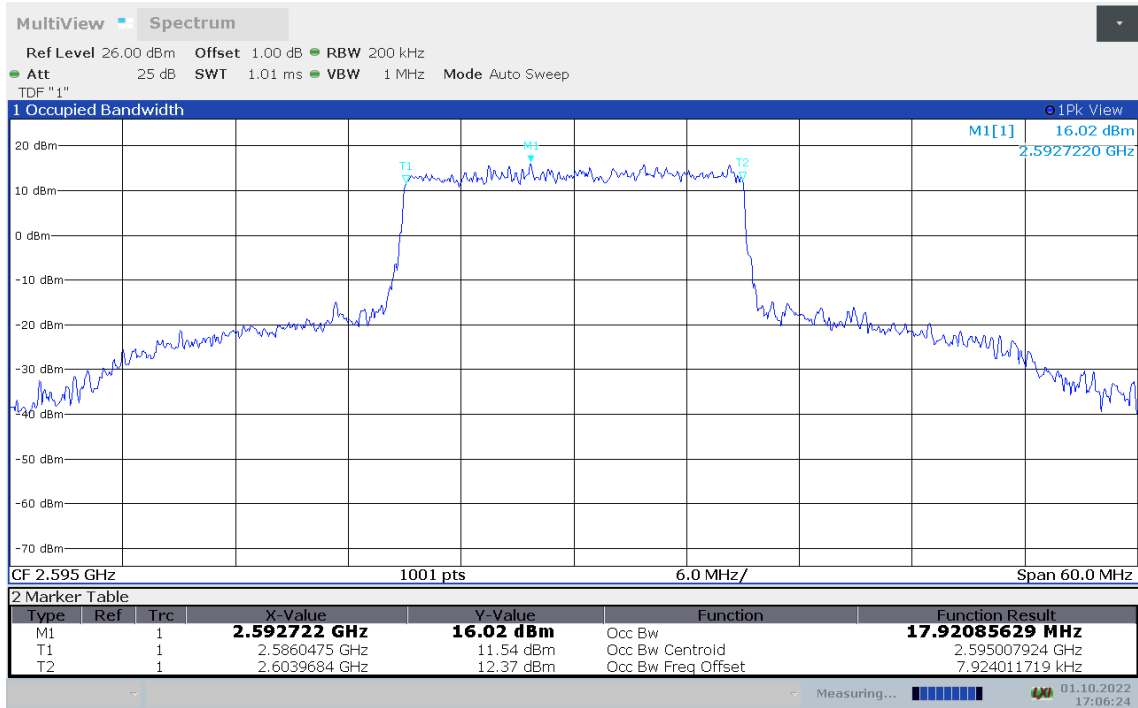


**LTE band 41,20MHz Bandwidth, 16QAM (99% BW)**





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

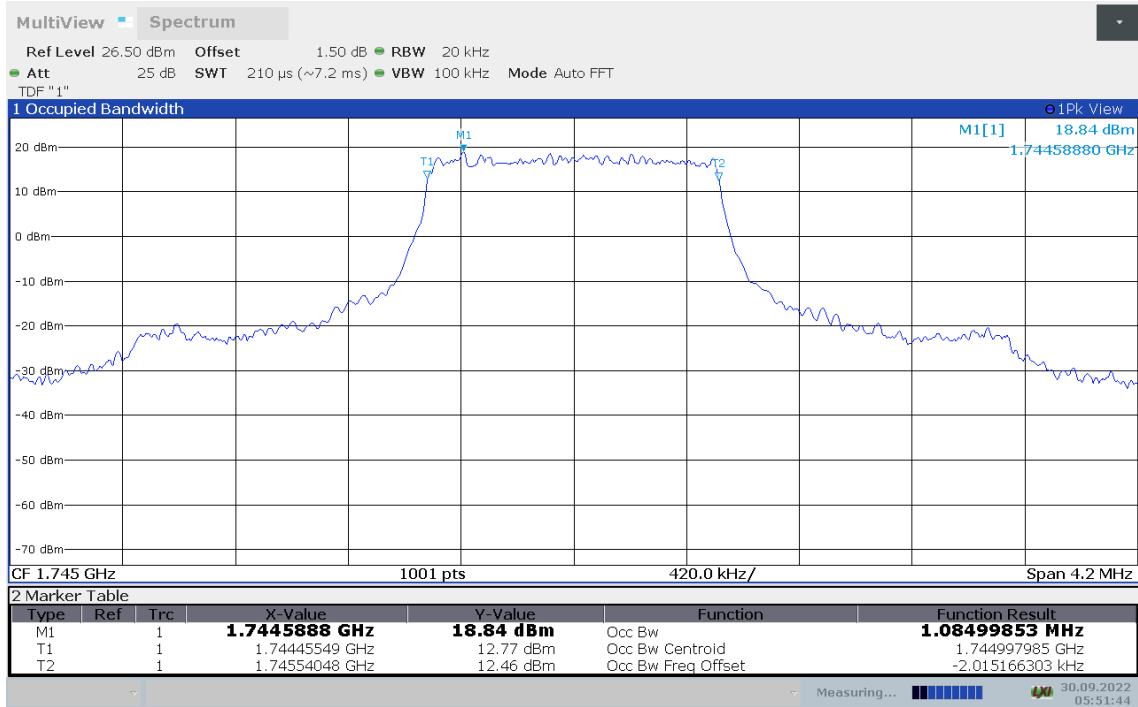




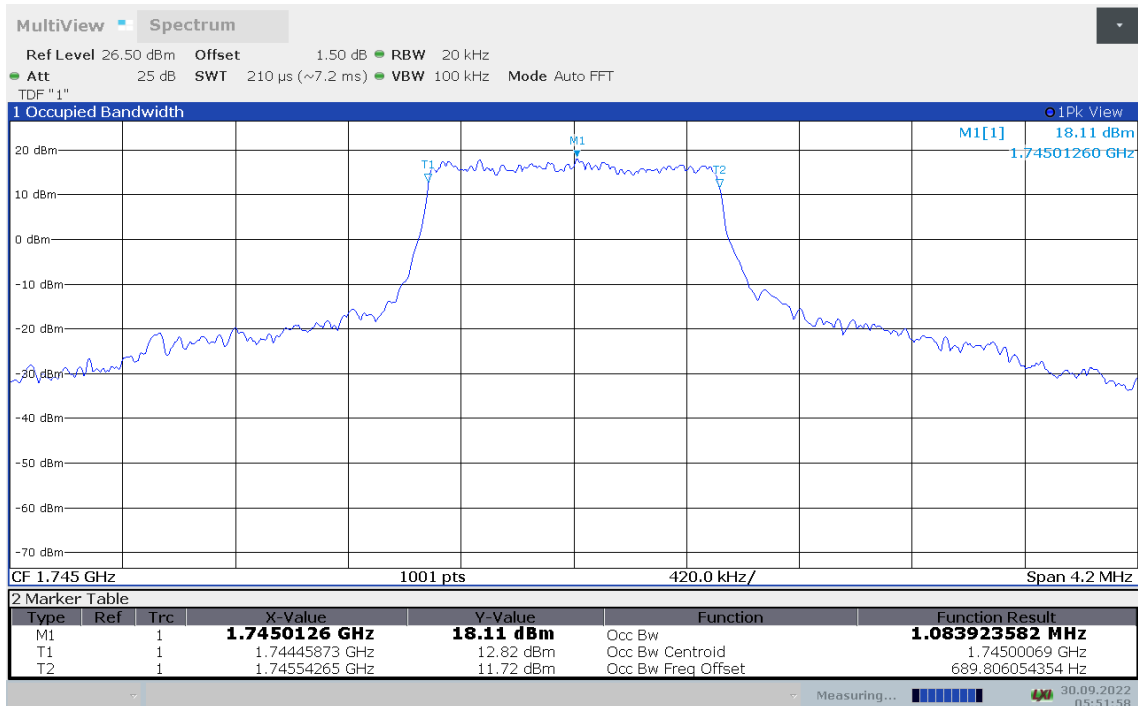
**LTE band 66, 1.4MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	1.085	1.084	1.083

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

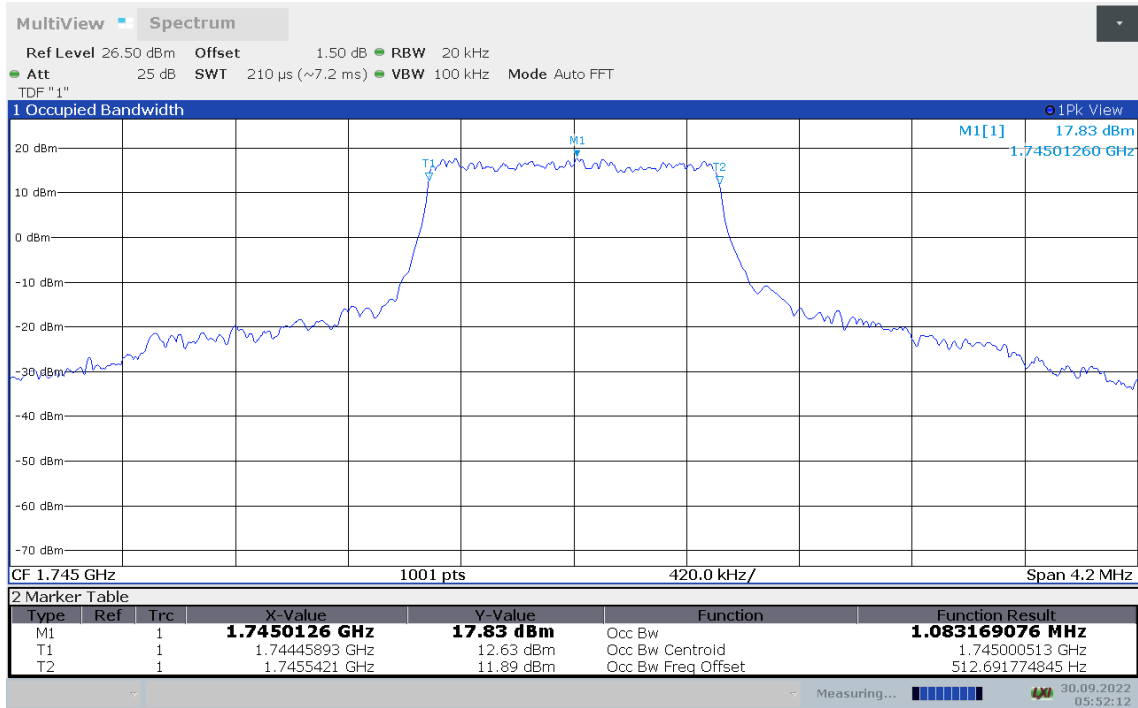


**LTE band 66, 1.4MHz Bandwidth, 16QAM (99% BW)**





### LTE Band 66, 1.4MHz Bandwidth, 64QAM (99% BW)

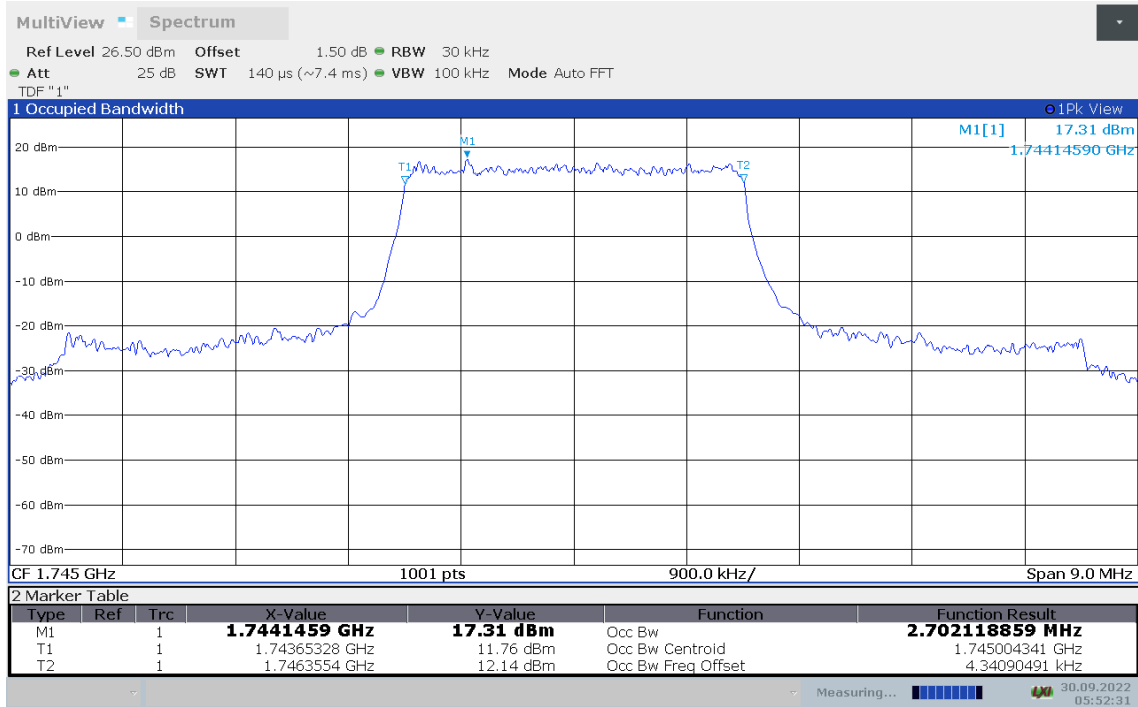




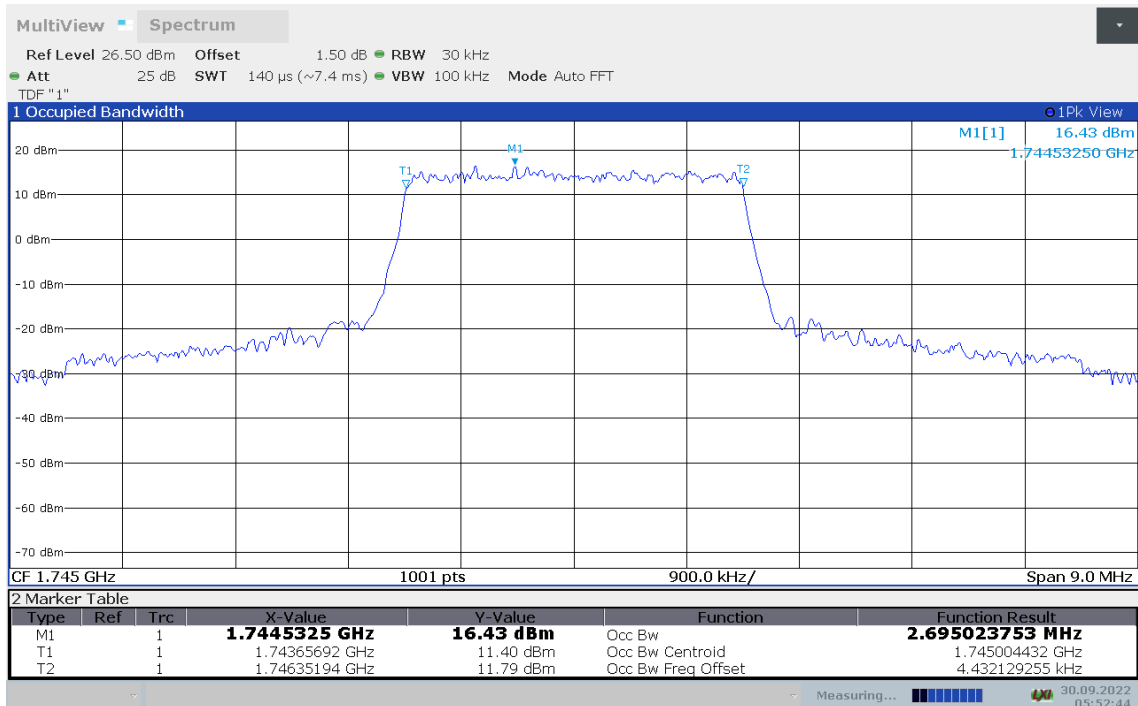
**LTE band 66, 3MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	2.702	2.695	2.695

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

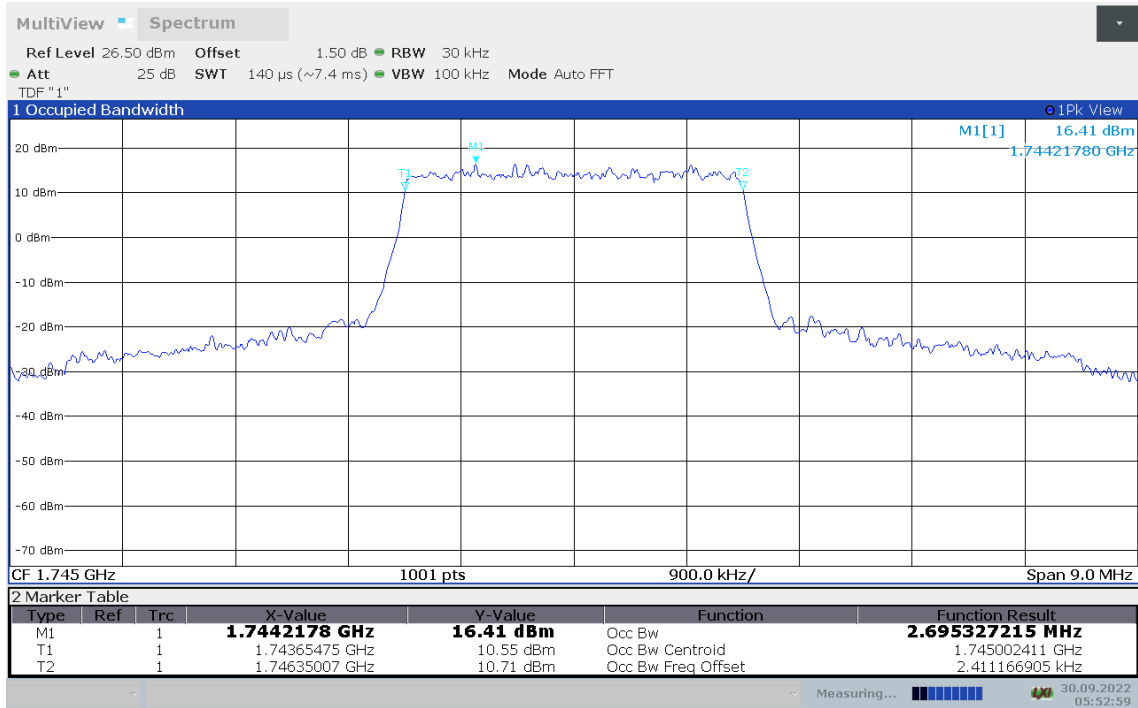


**LTE band 66, 3MHz Bandwidth, 16QAM (99% BW)**





### LTE Band 66, 3MHz Bandwidth, 64QAM (99% BW)



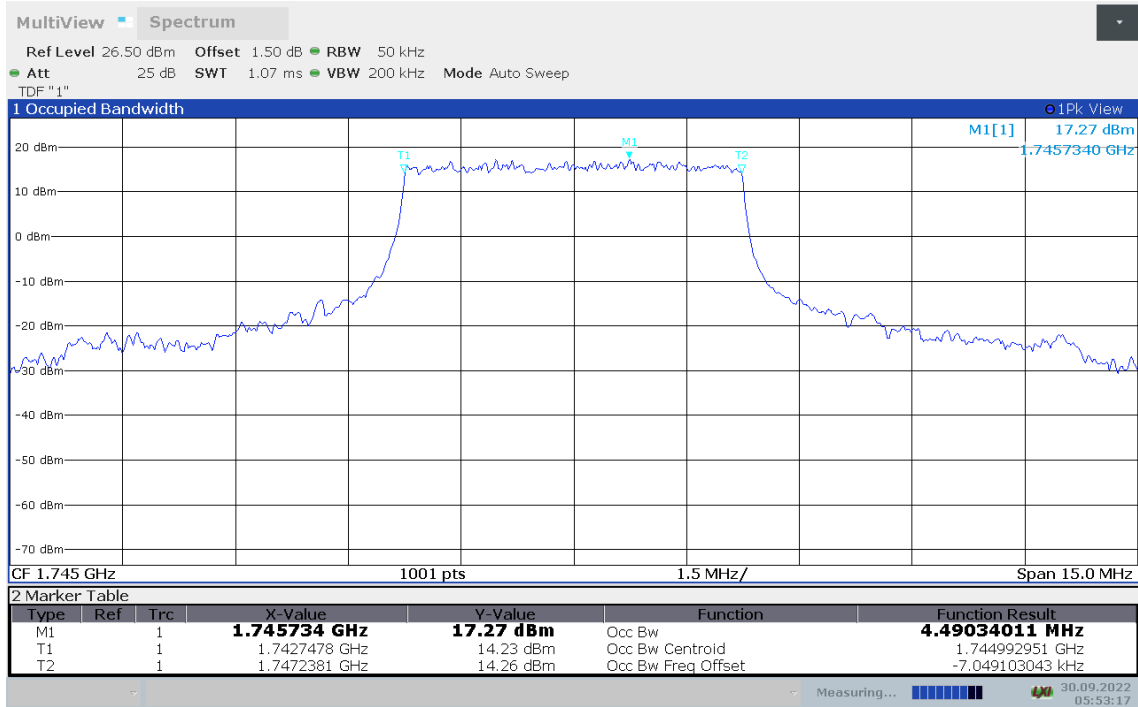




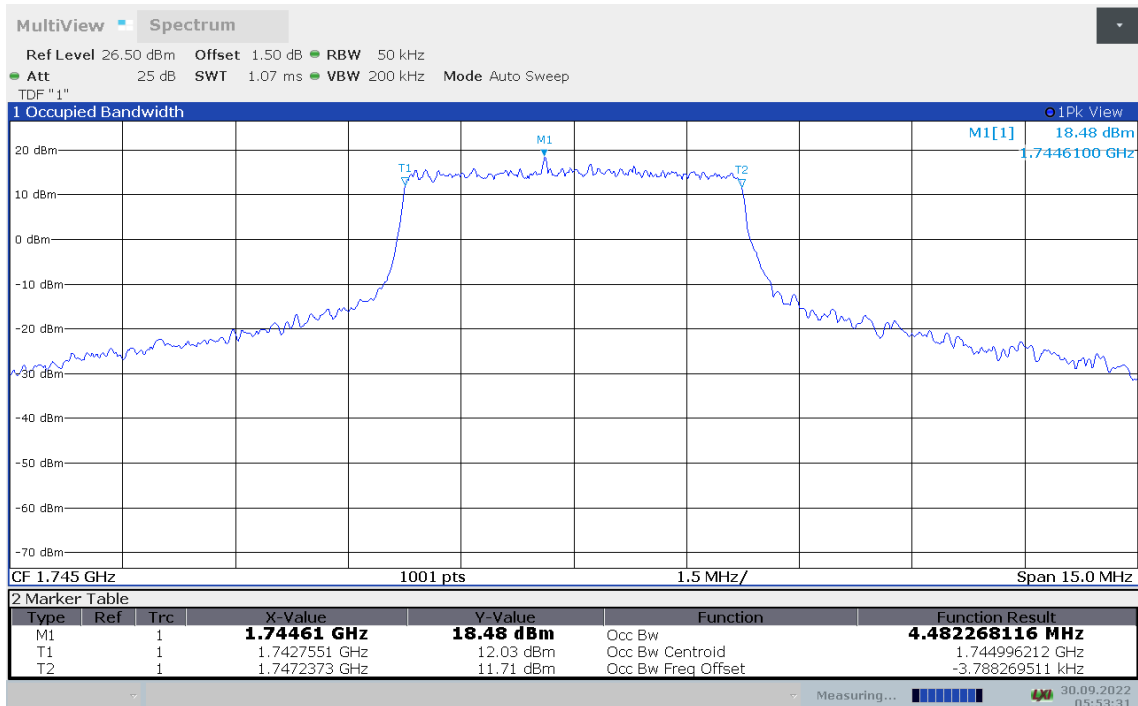
**LTE band 66, 5MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	4.490	4.482	4.481

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

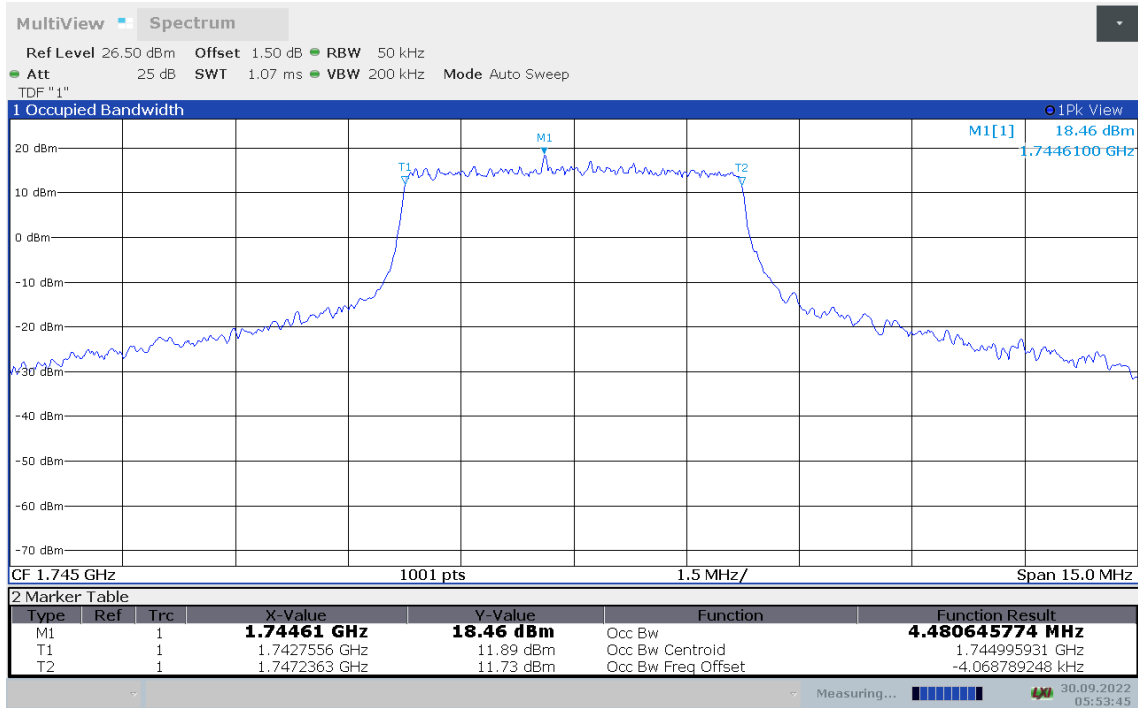


**LTE band 66, 5MHz Bandwidth, 16QAM (99% BW)**





LTE Band 66, 5MHz Bandwidth,64QAM (99% BW)

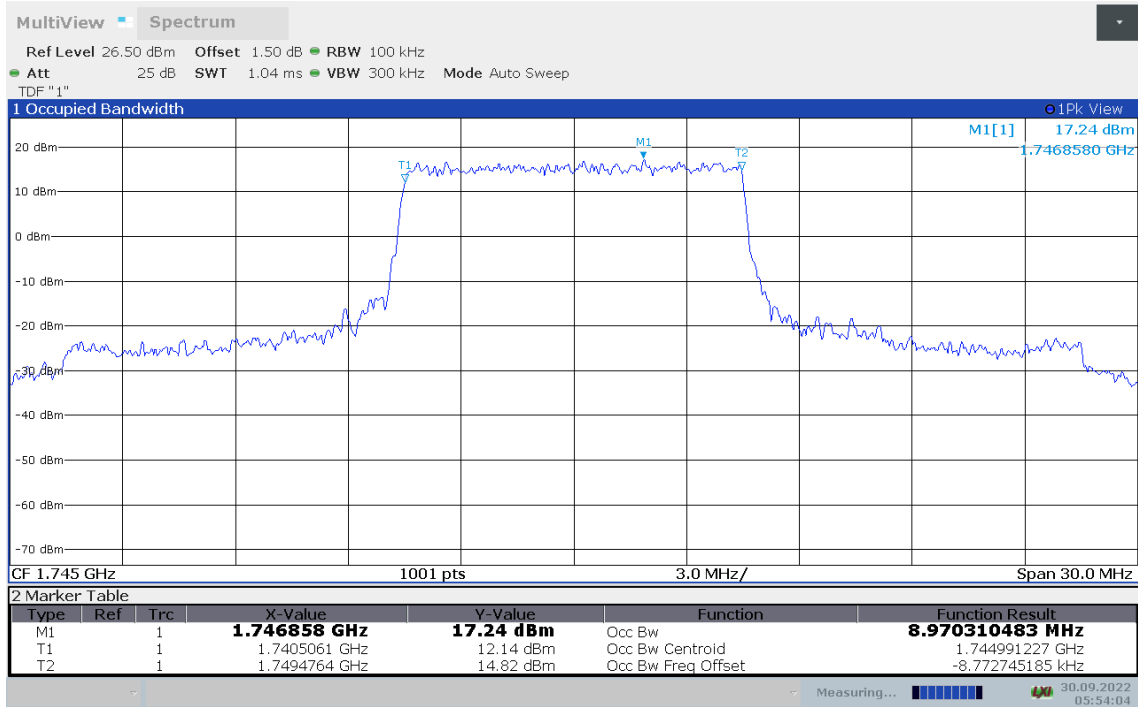




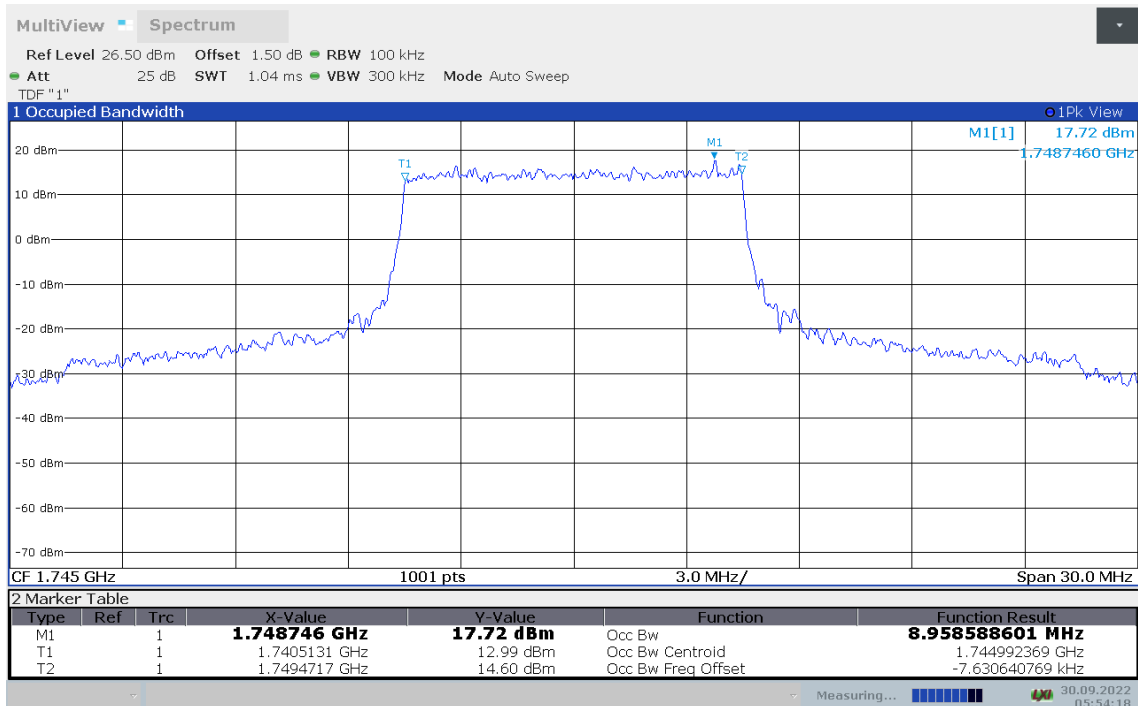
**LTE band 66, 10MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	8.970	8.959	8.938

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

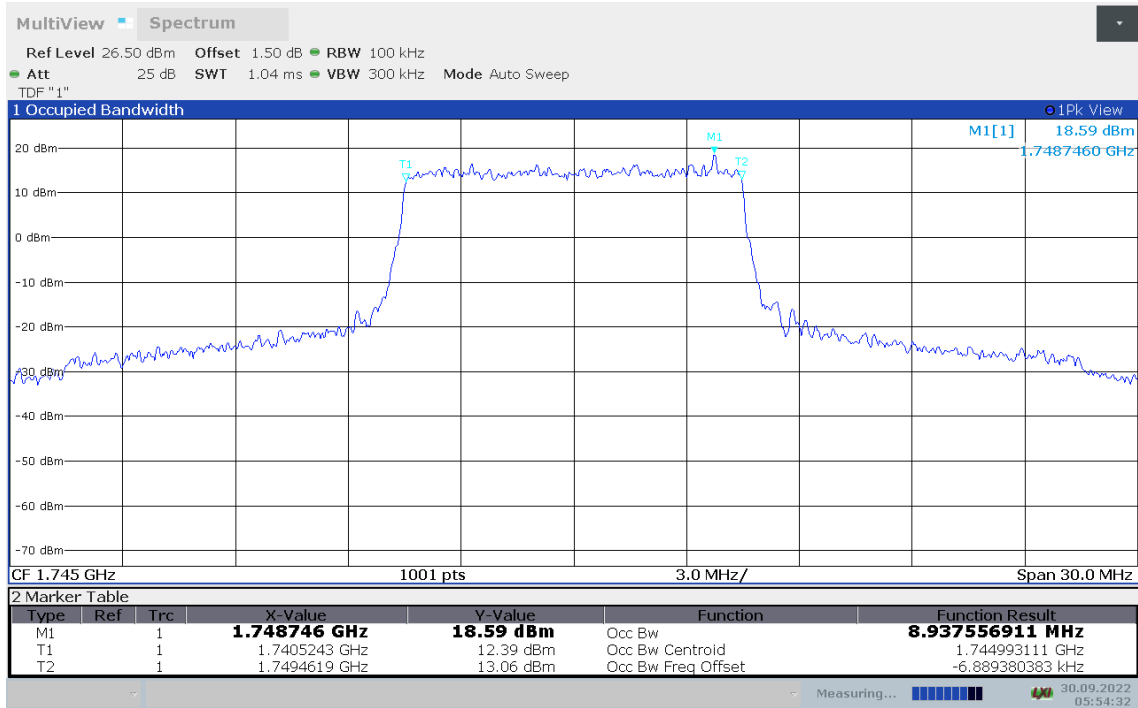


**LTE band 66, 10MHz Bandwidth, 16QAM (99% BW)**





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

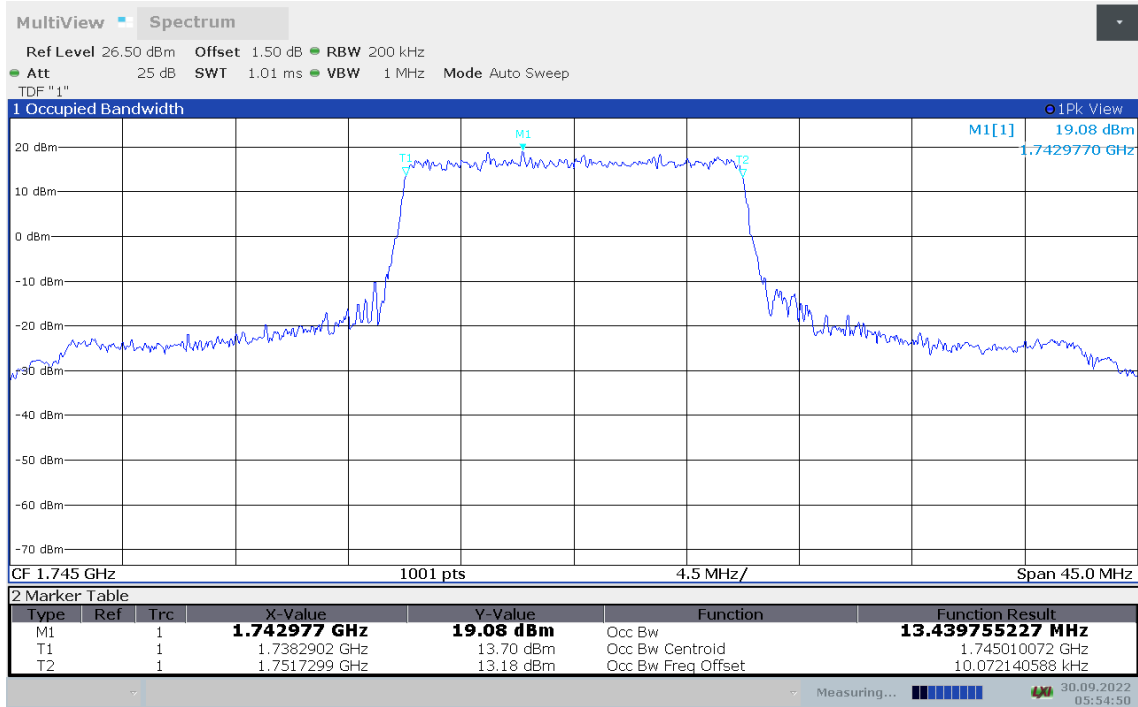




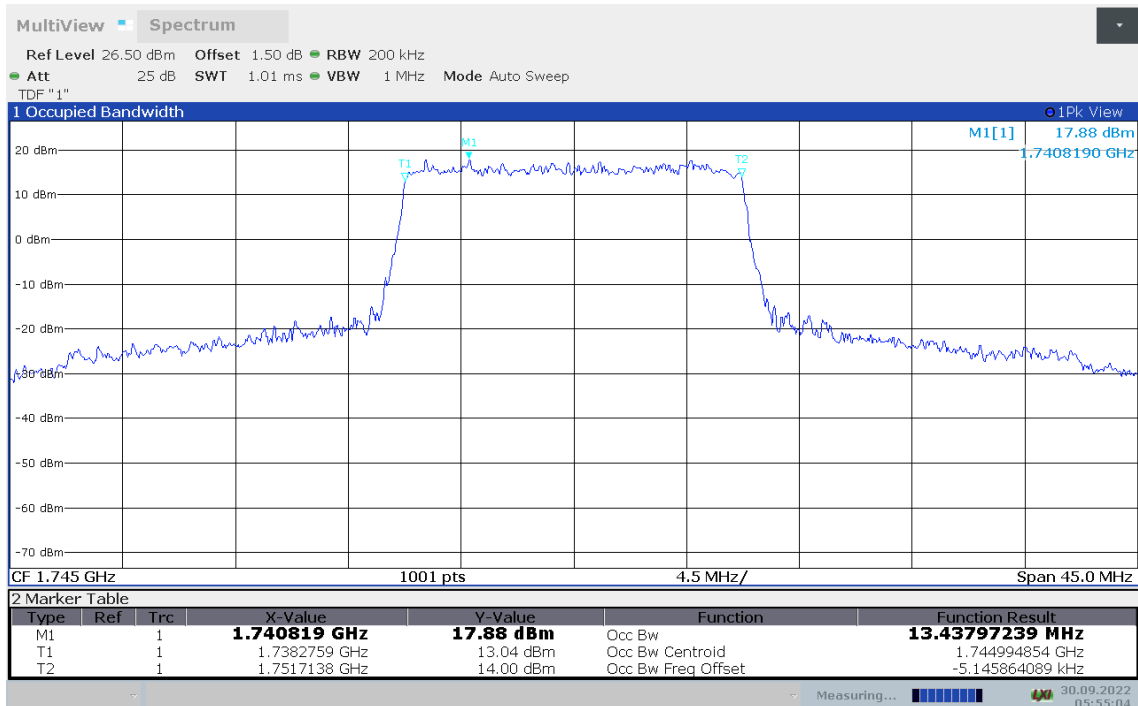
**LTE band 66, 15MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	13.440	13.438	13.450

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

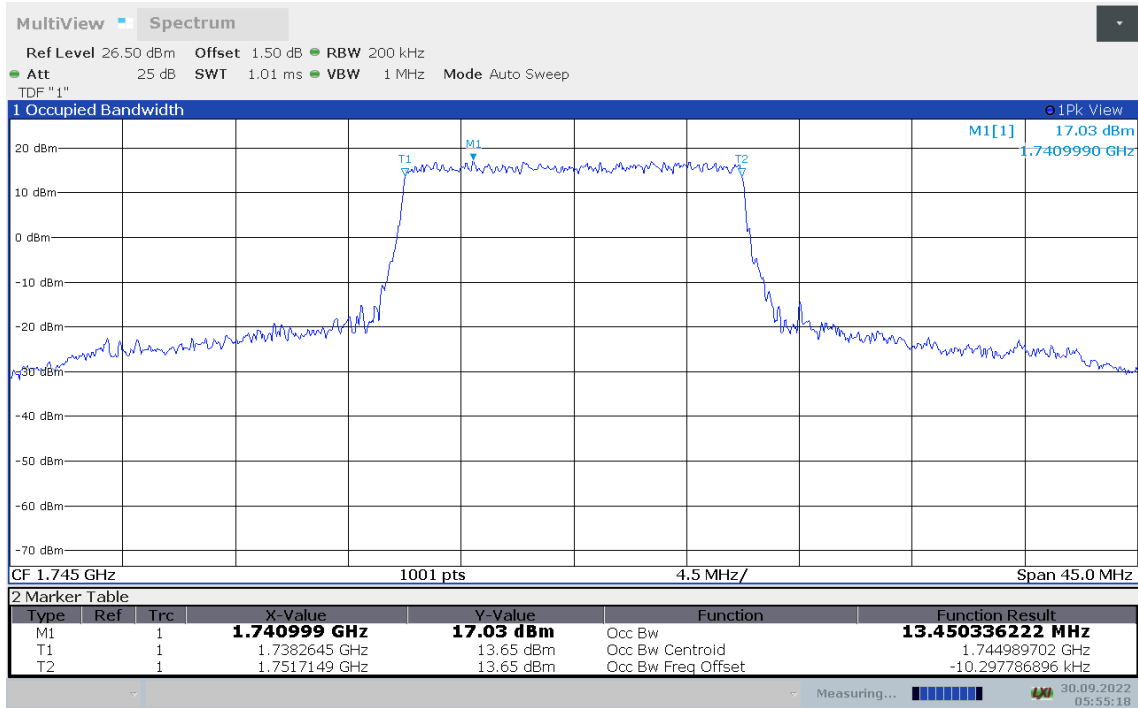


**LTE band 66, 15MHz Bandwidth, 16QAM (99% BW)**





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

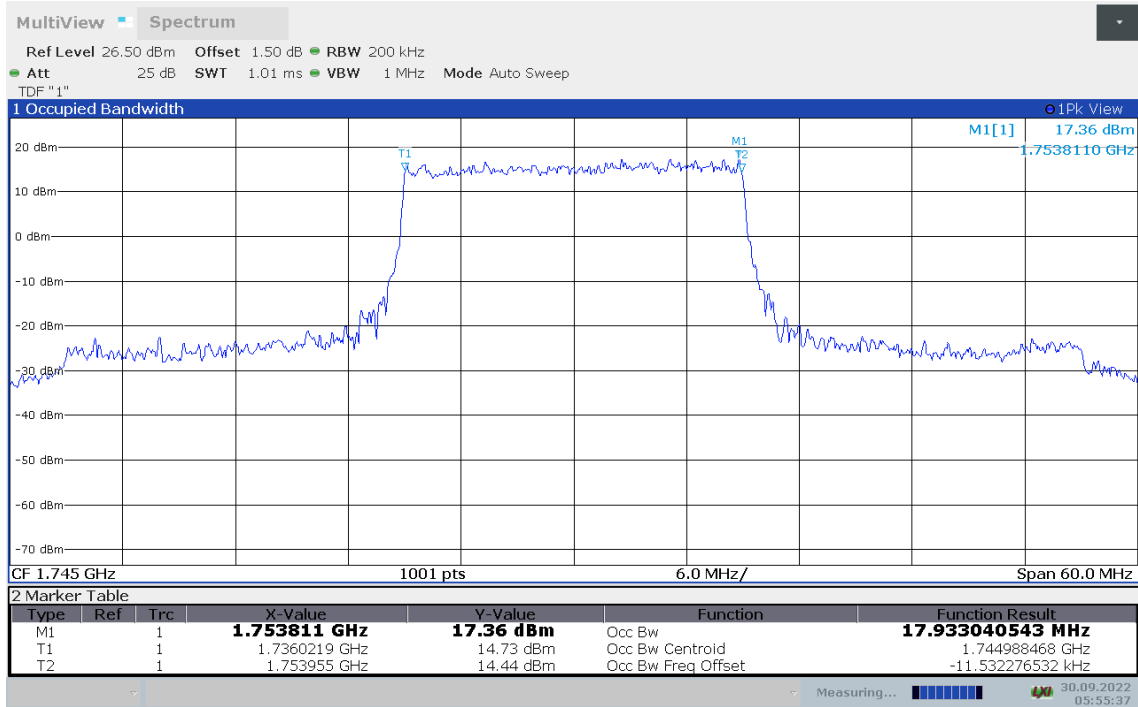




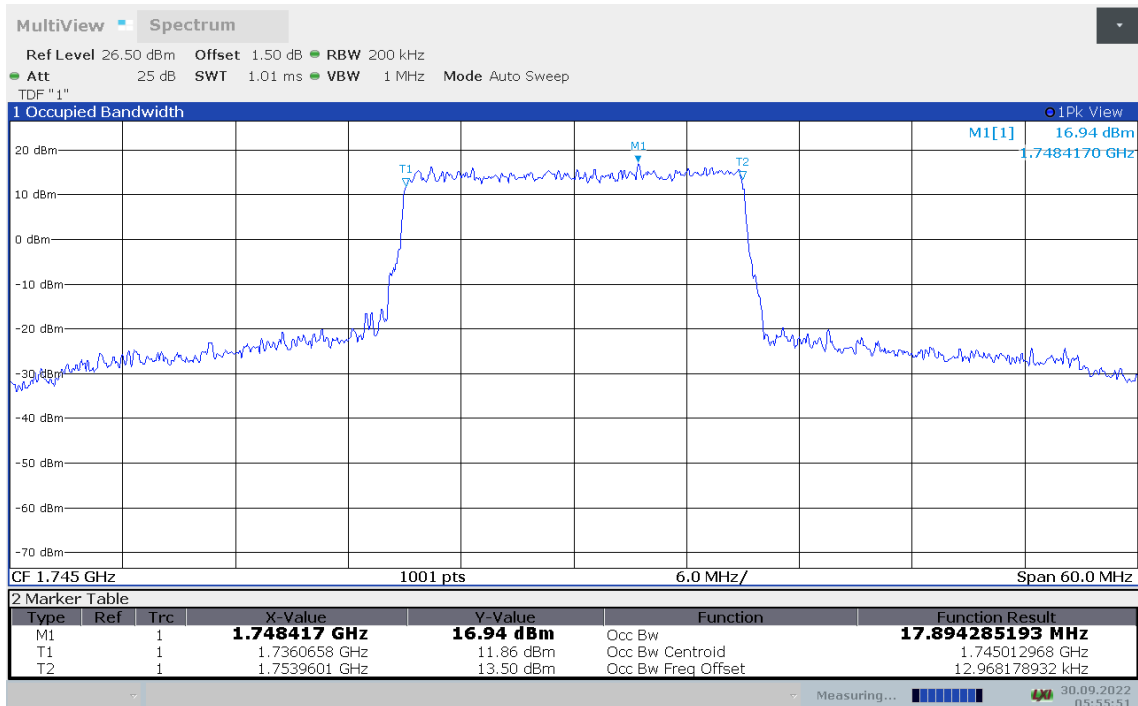
**LTE band 66, 20MHz (99% BW)**

Frequency(MHz)	Occupied Bandwidth (99% BW)(MHz)		
1745.0	QPSK	16QAM	64QAM
	17.933	17.894	17.908

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

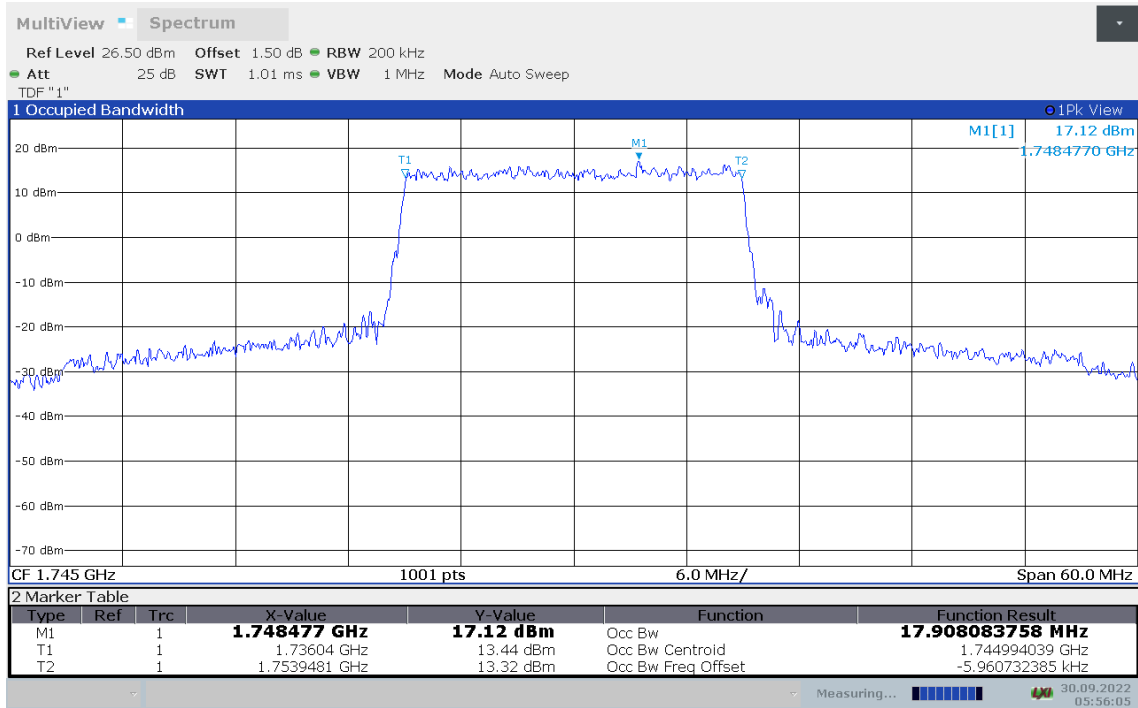


**LTE band 66, 20MHz Bandwidth, 16QAM (99% BW)**





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





## **A.5 EMISSION BANDWIDTH**

### **Reference**

FCC: CFR Part 2.1049, 22.917, 24.238, 27.53, 90.1215.

### **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**

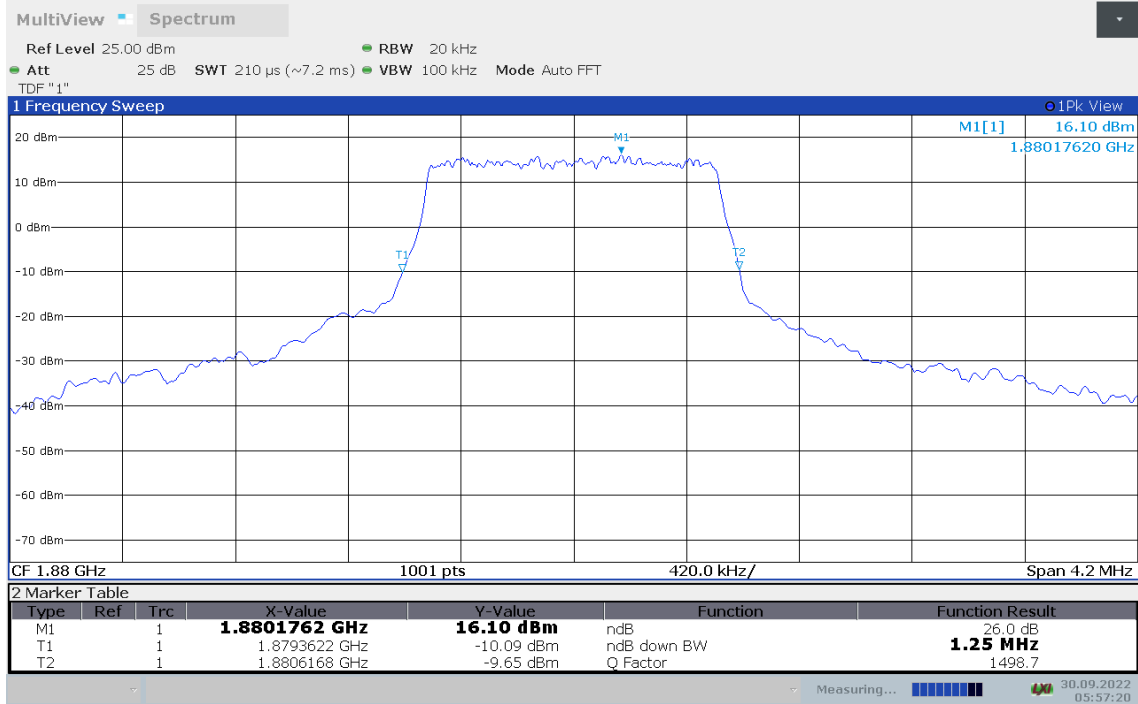
Similar to conducted emissions; Emission bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies. Table below lists the measured -26dBc BW. Spectrum analyzer plots are included on the following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



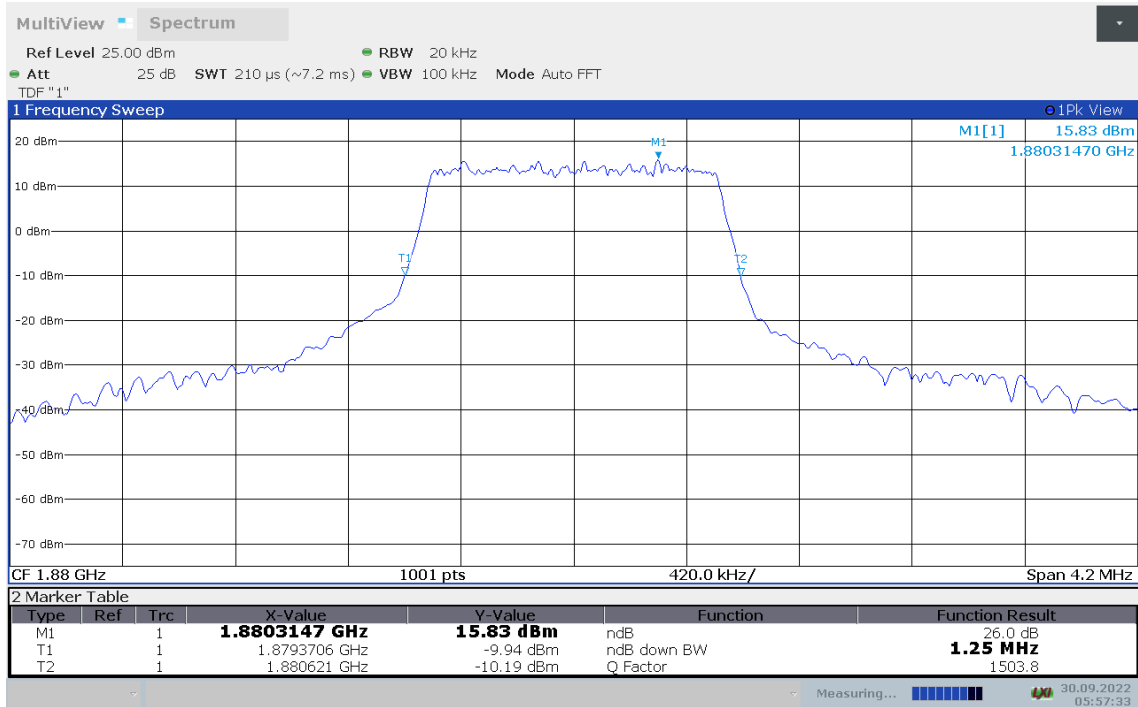
**LTE band 2, 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	1.25	1.25	1.25

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

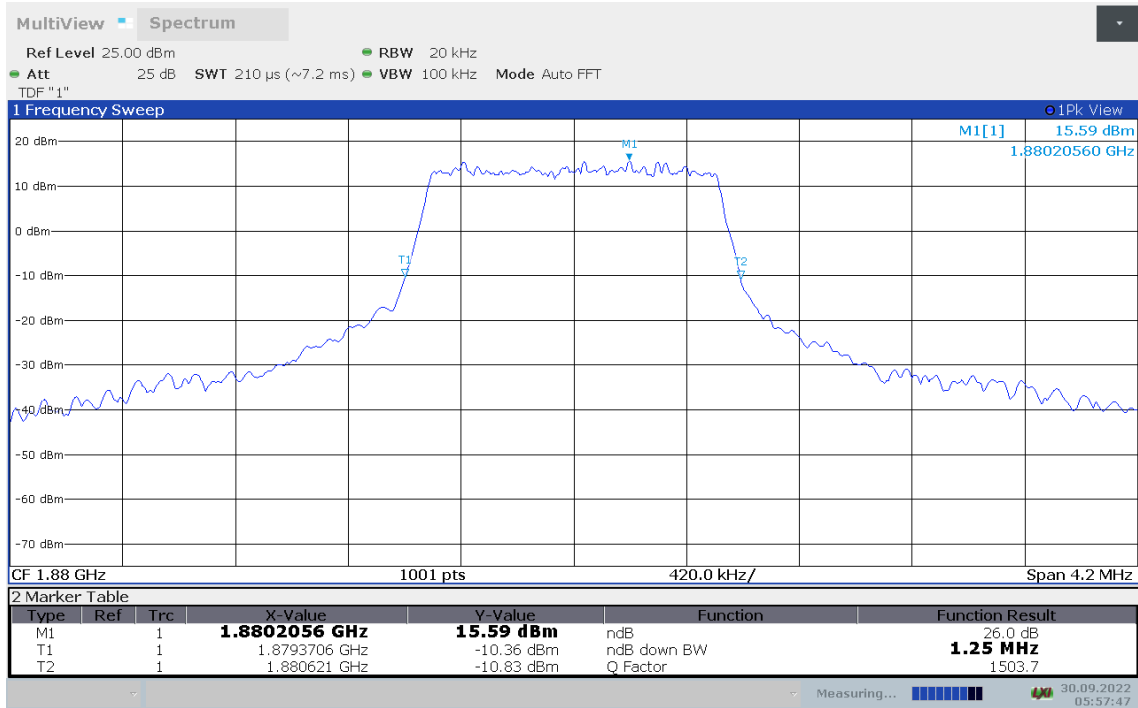


**LTE band 2, 1.4MHz Bandwidth, 16QAM (-26dBc BW)**





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

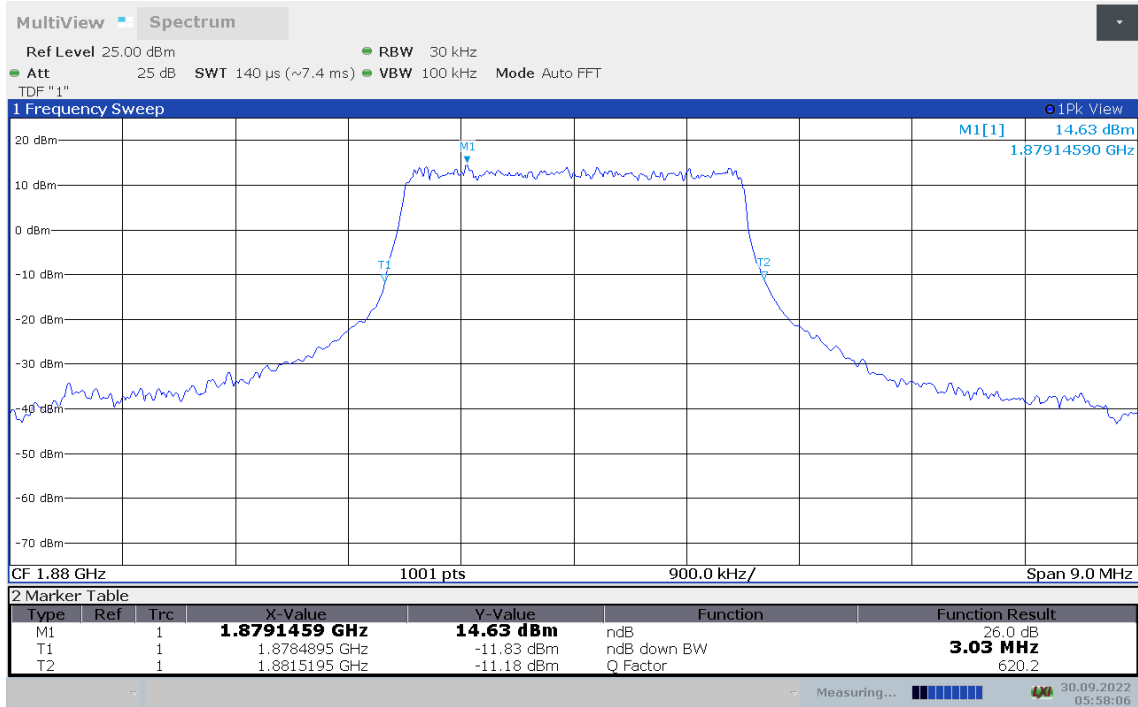




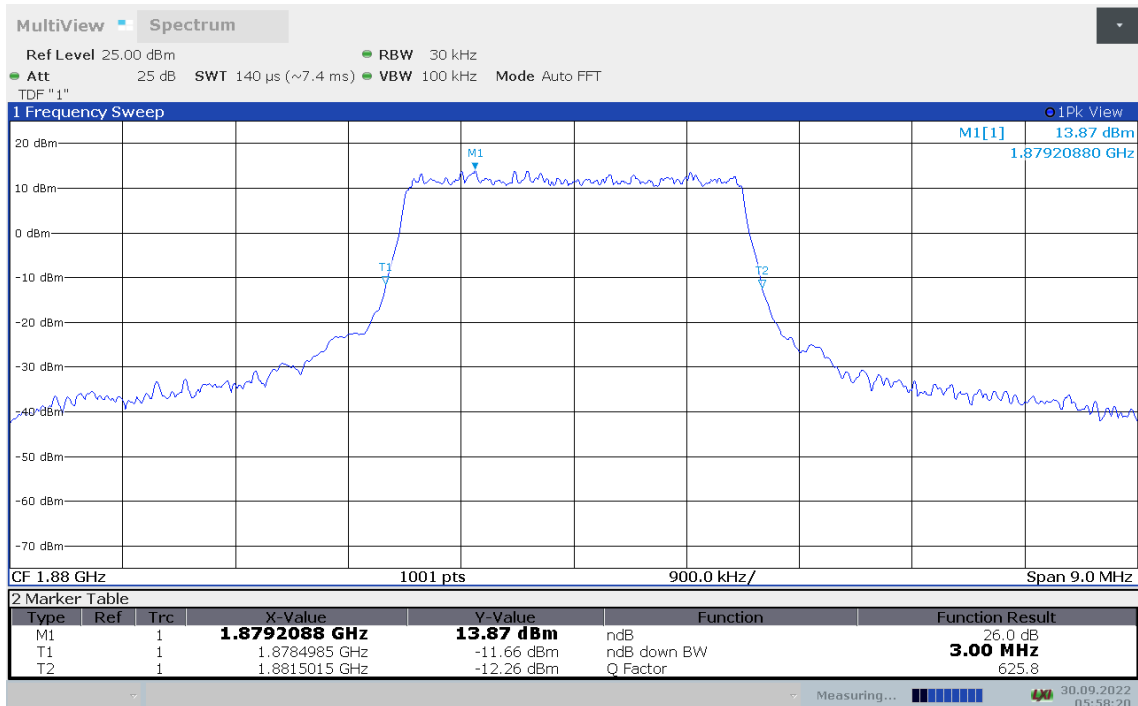
**LTE band 2, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	1880.0	QPSK	16QAM
3.03		3.00	3.00

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

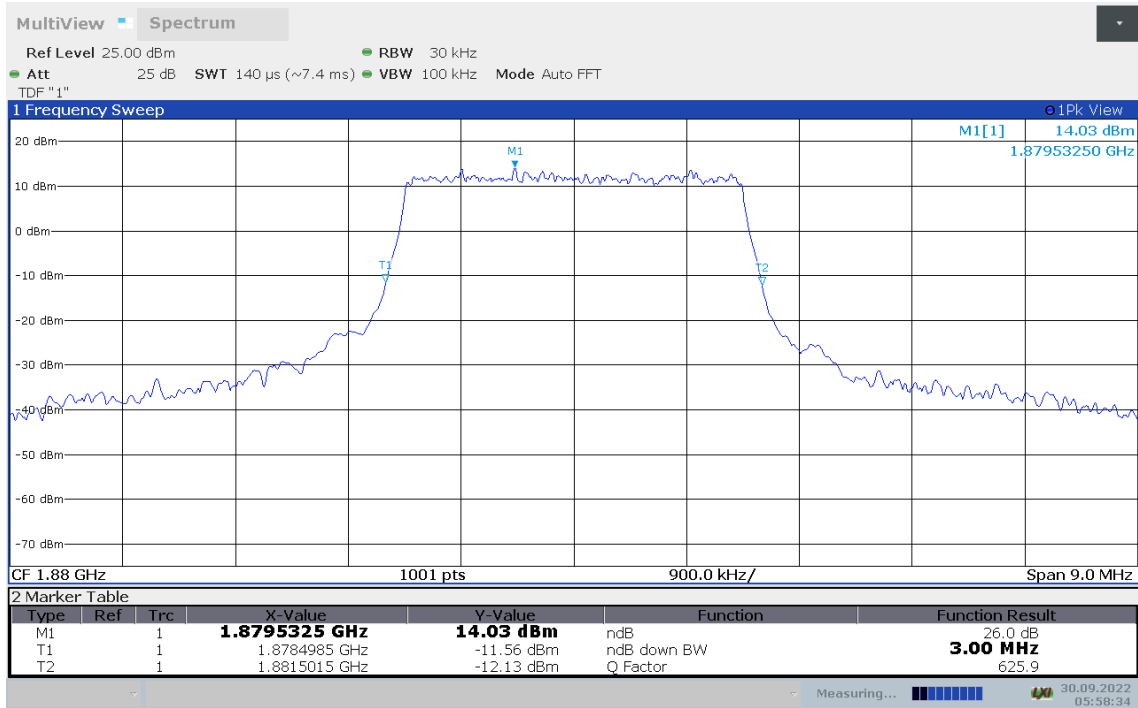


**LTE band 2, 3MHz Bandwidth, 16QAM (-26dBc BW)**





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

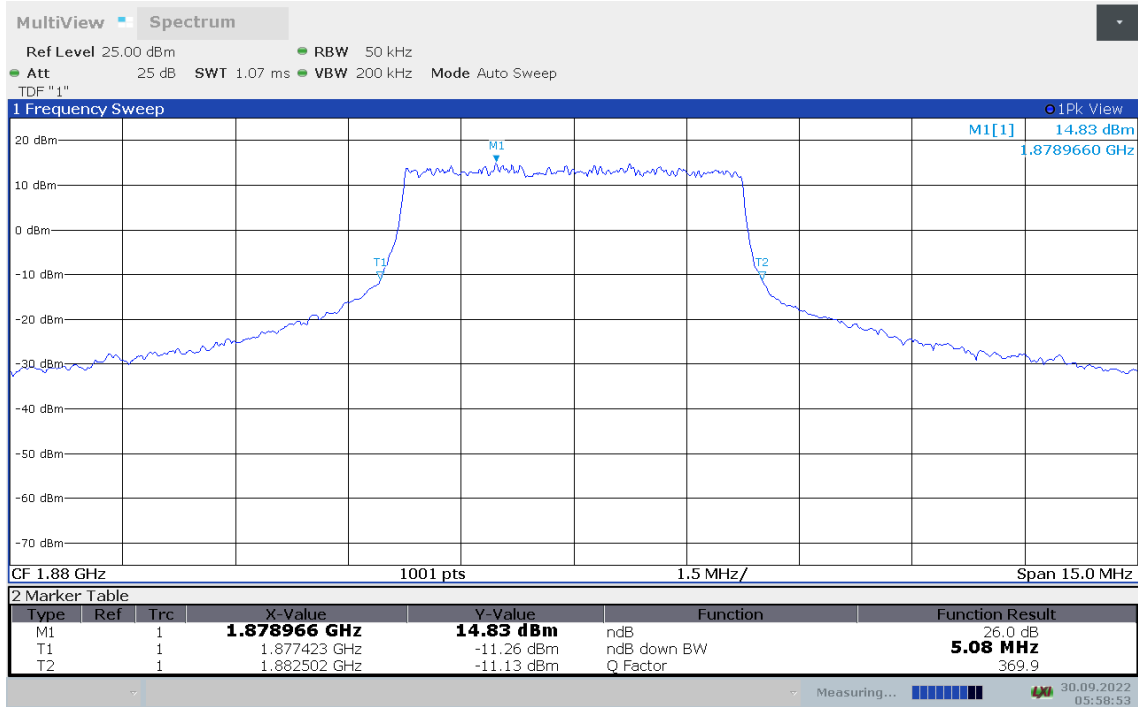




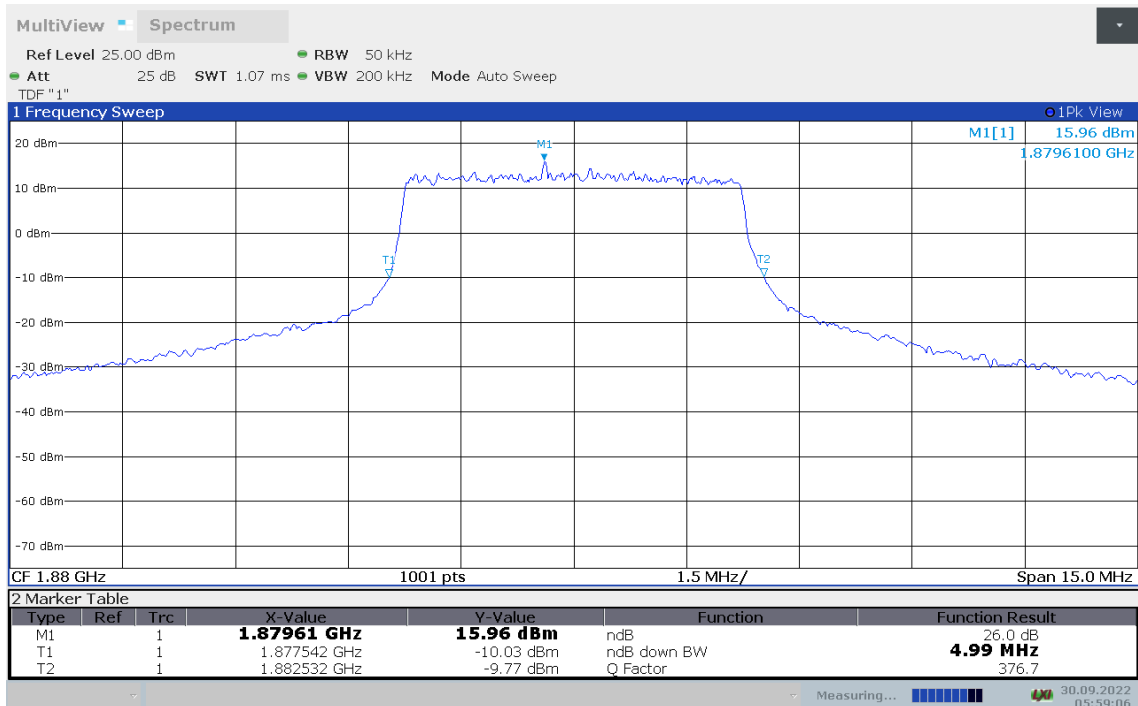
**LTE band 2, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	5.08	4.99	5.00

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

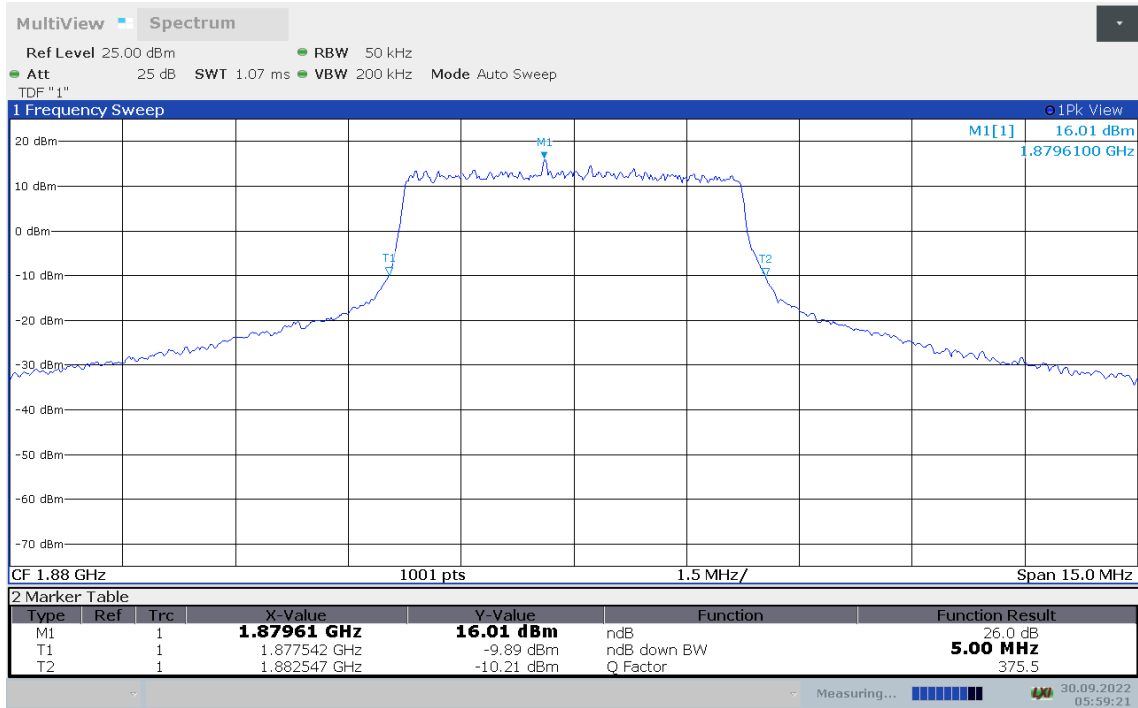


**LTE band 2, 5MHz Bandwidth,16QAM (-26dBc BW)**





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

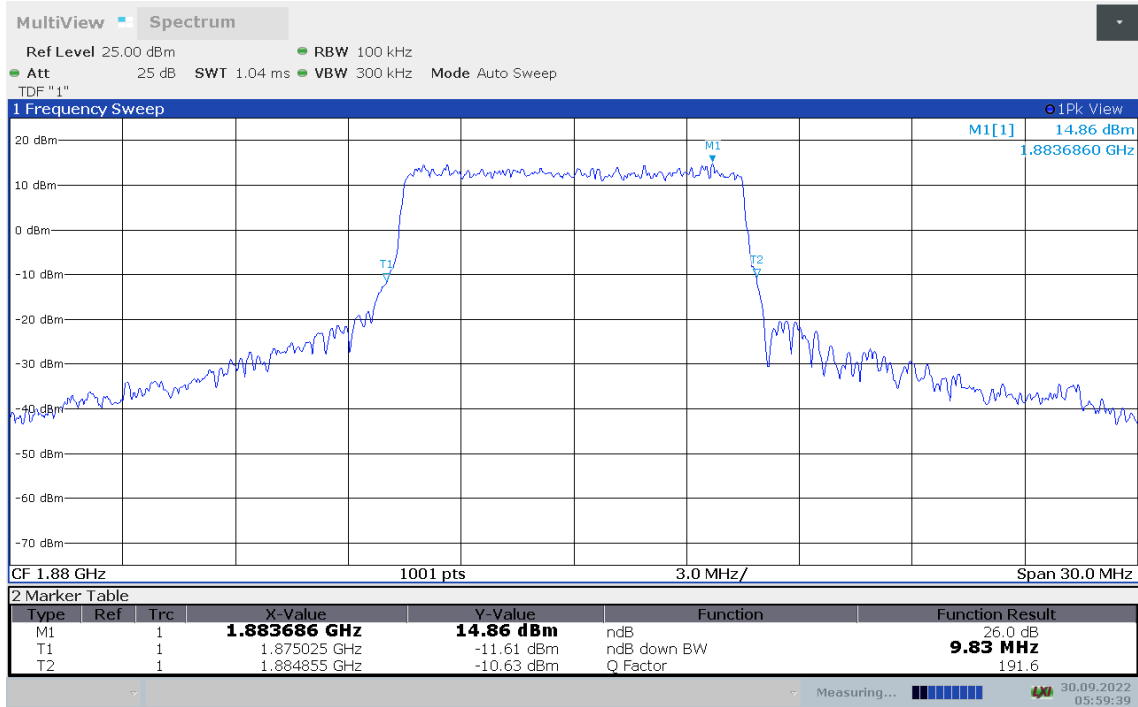




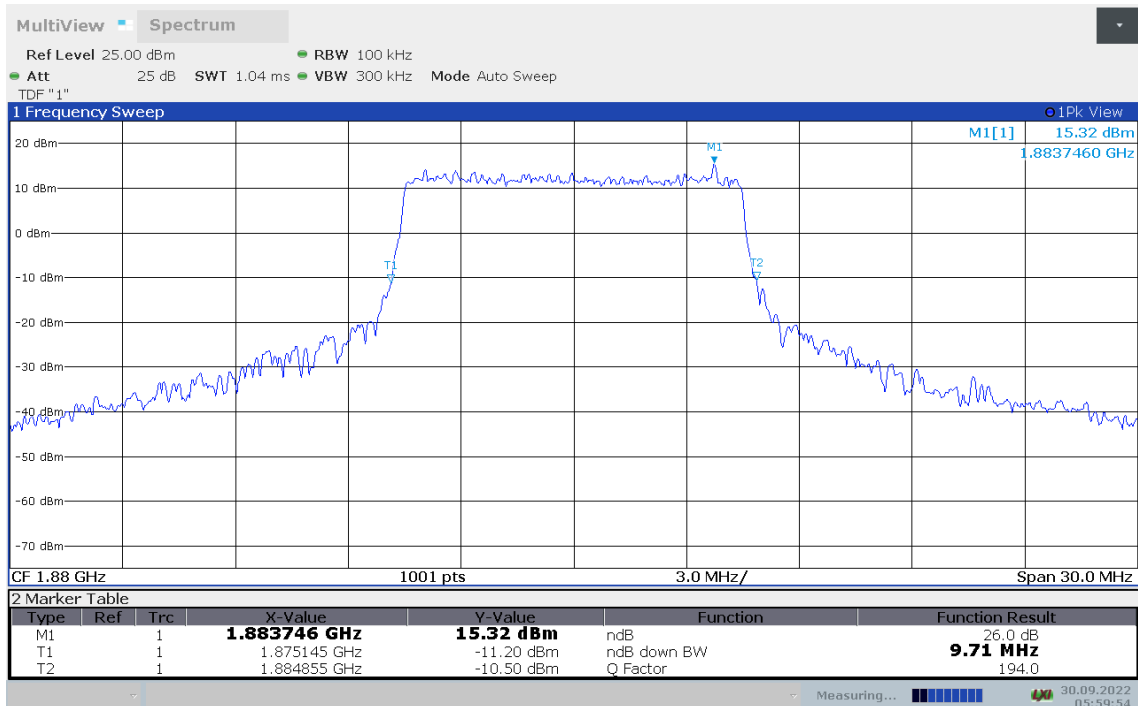
**LTE band 2, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	9.83	9.71	9.83

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



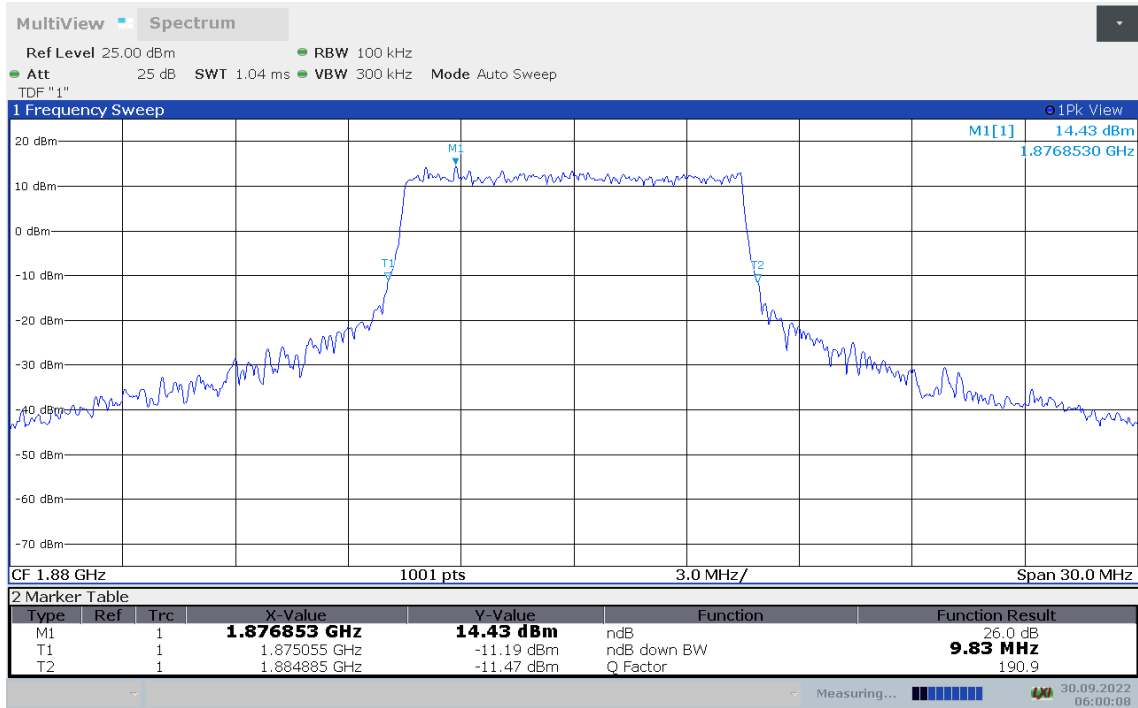
**LTE band 2, 10MHz Bandwidth, 16QAM (-26dBc BW)**







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

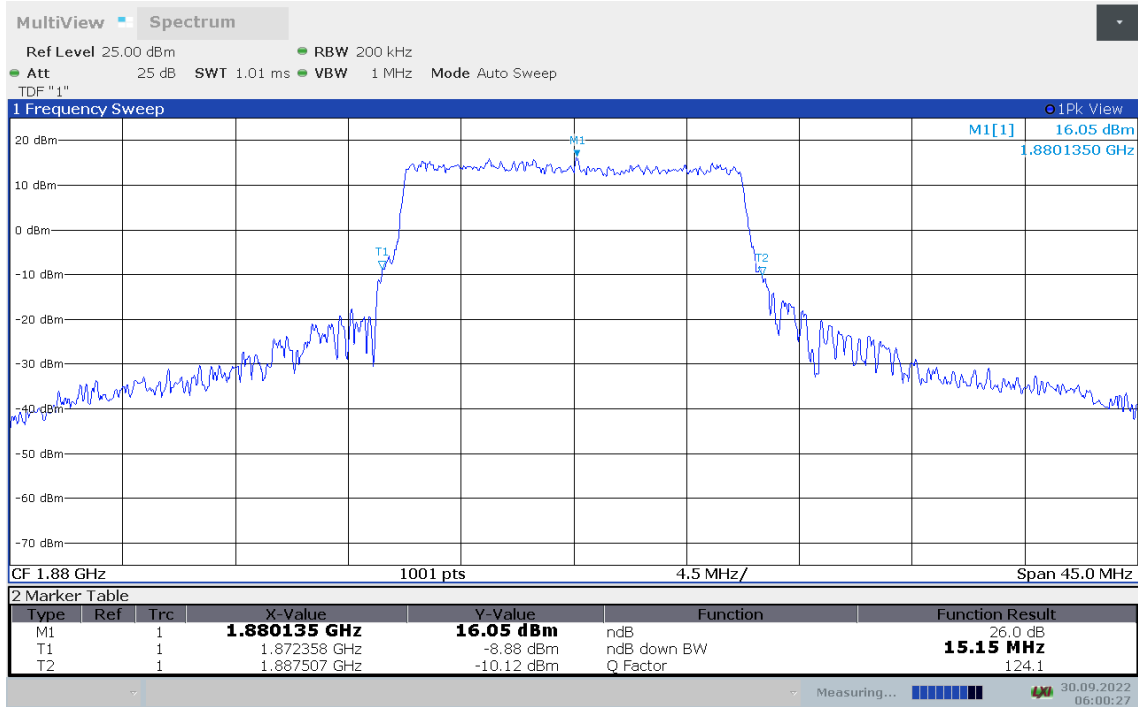




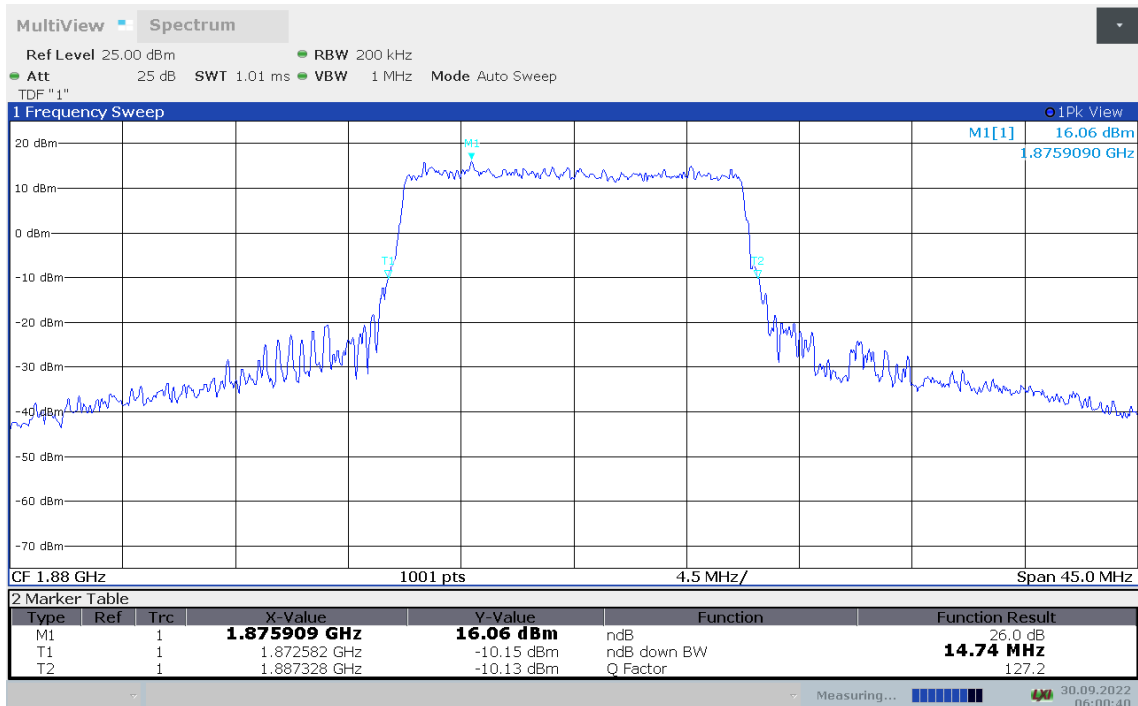
**LTE band 2, 15MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	15.15	14.74	14.74

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

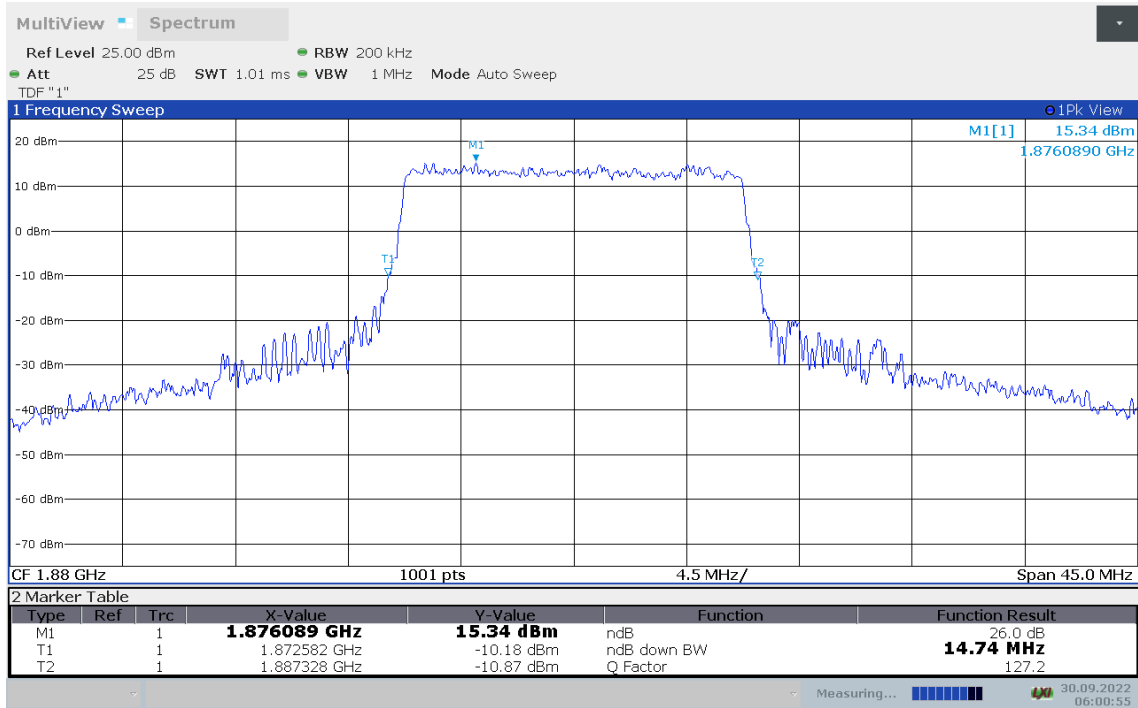


**LTE band 2, 15MHz Bandwidth, 16QAM (-26dBc BW)**





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

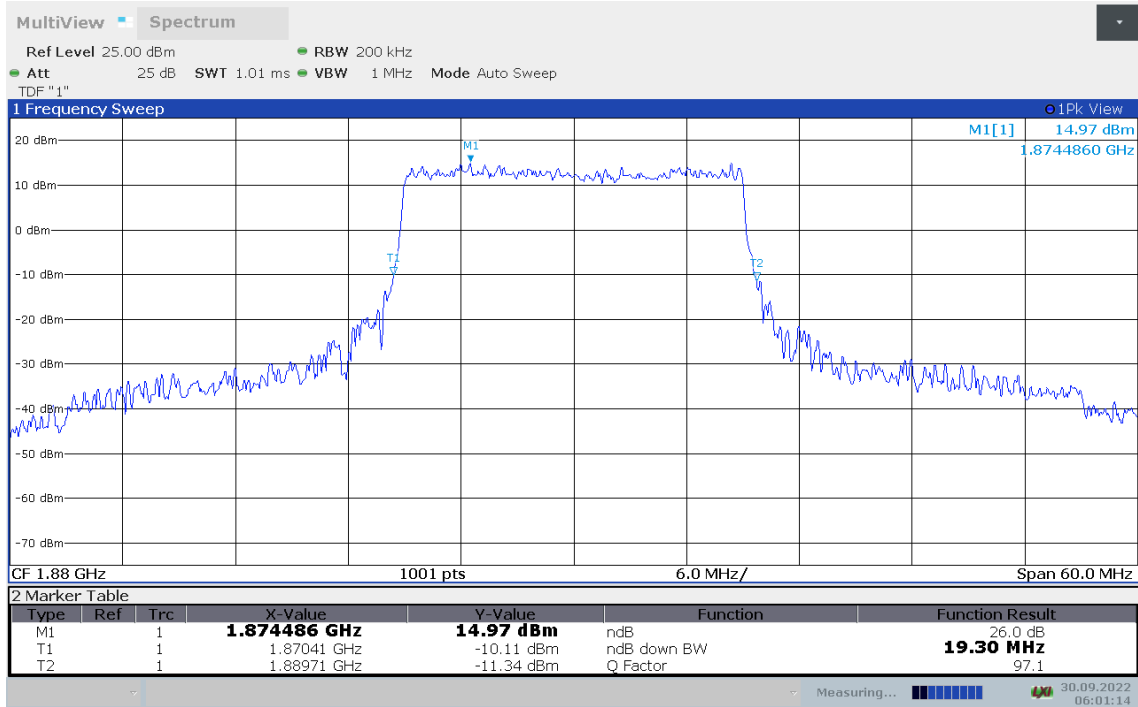




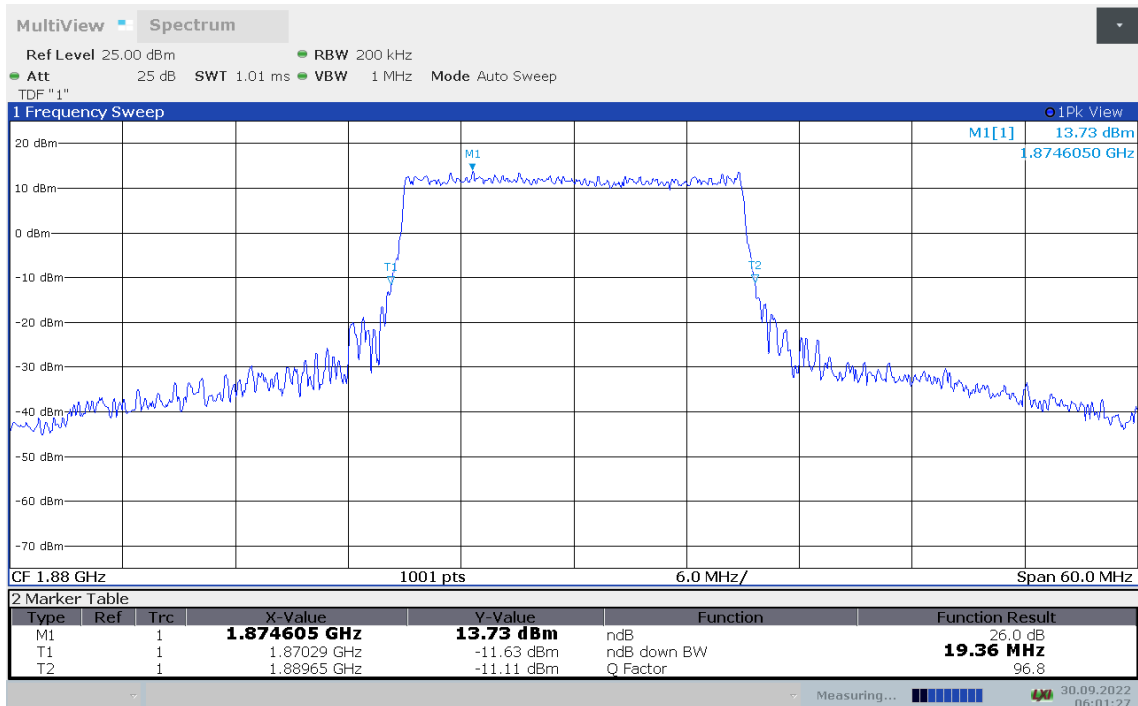
**LTE band 2, 20MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1880.0	QPSK	16QAM	64QAM
	19.30	19.36	19.36

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

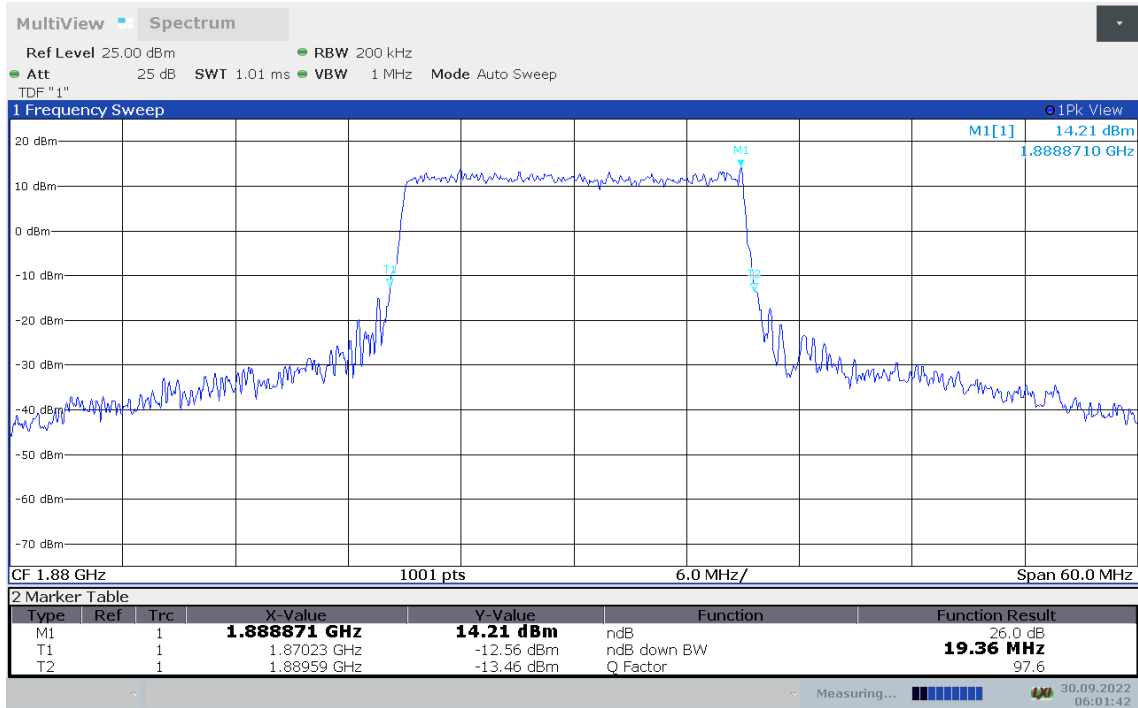


**LTE band 2, 20MHz Bandwidth, 16QAM (-26dBc BW)**





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

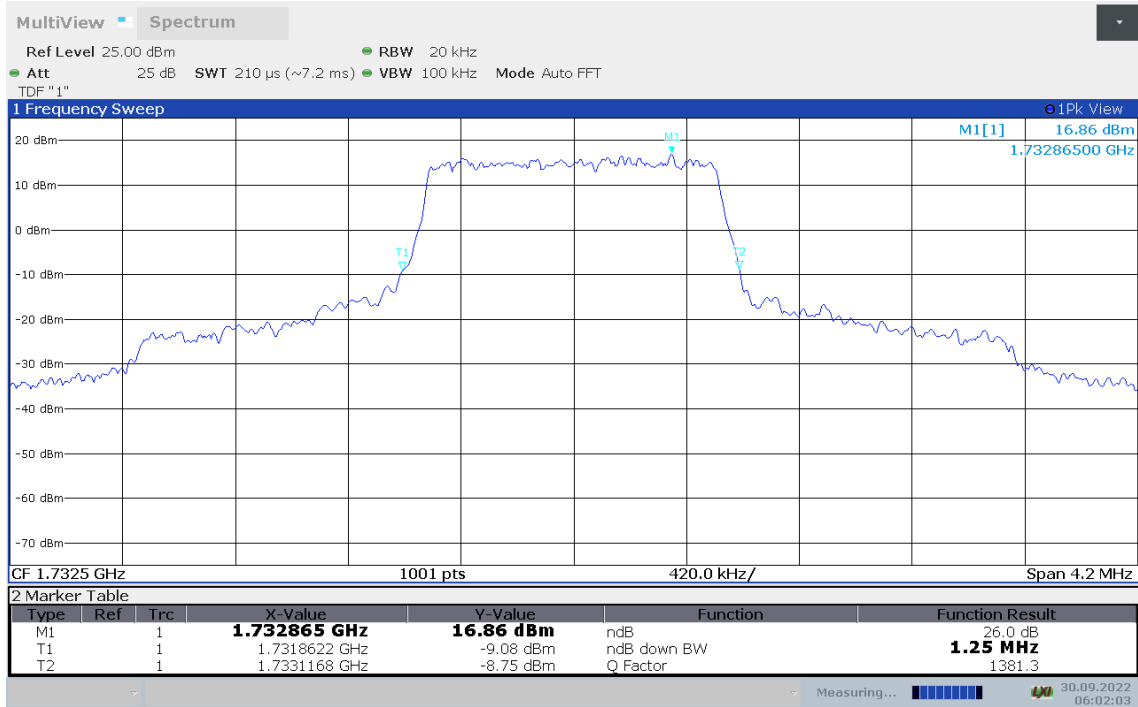




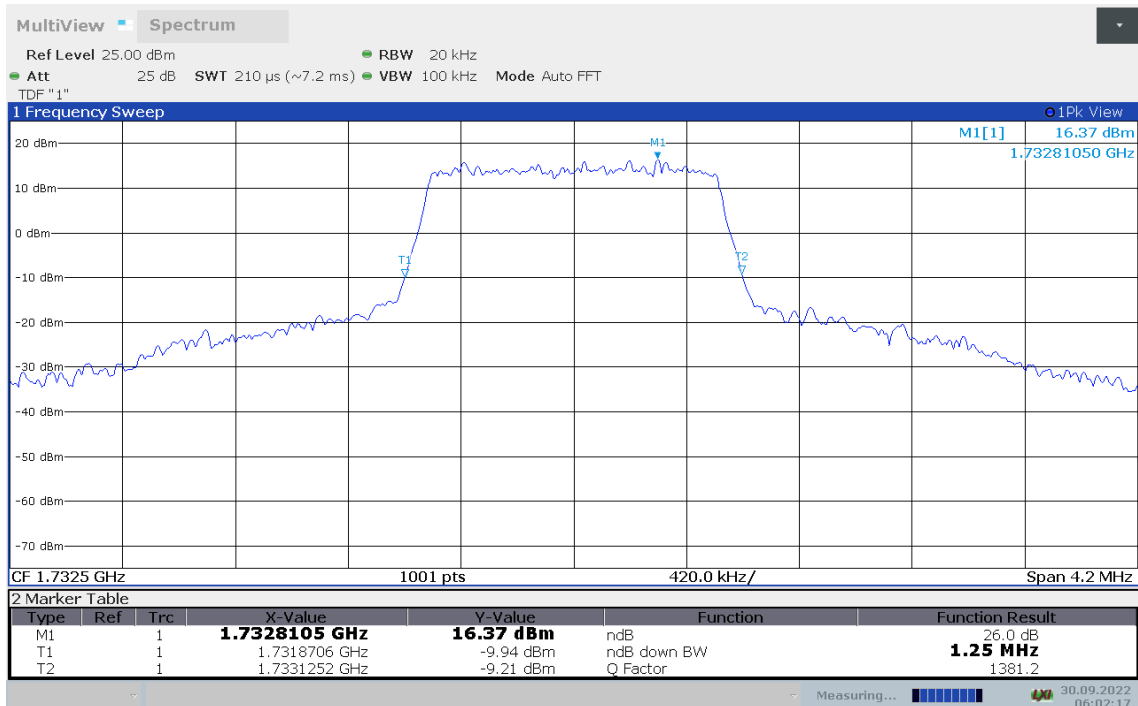
**LTE band 4, 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1732.5	QPSK	16QAM	64QAM
	1.25	1.25	1.25

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

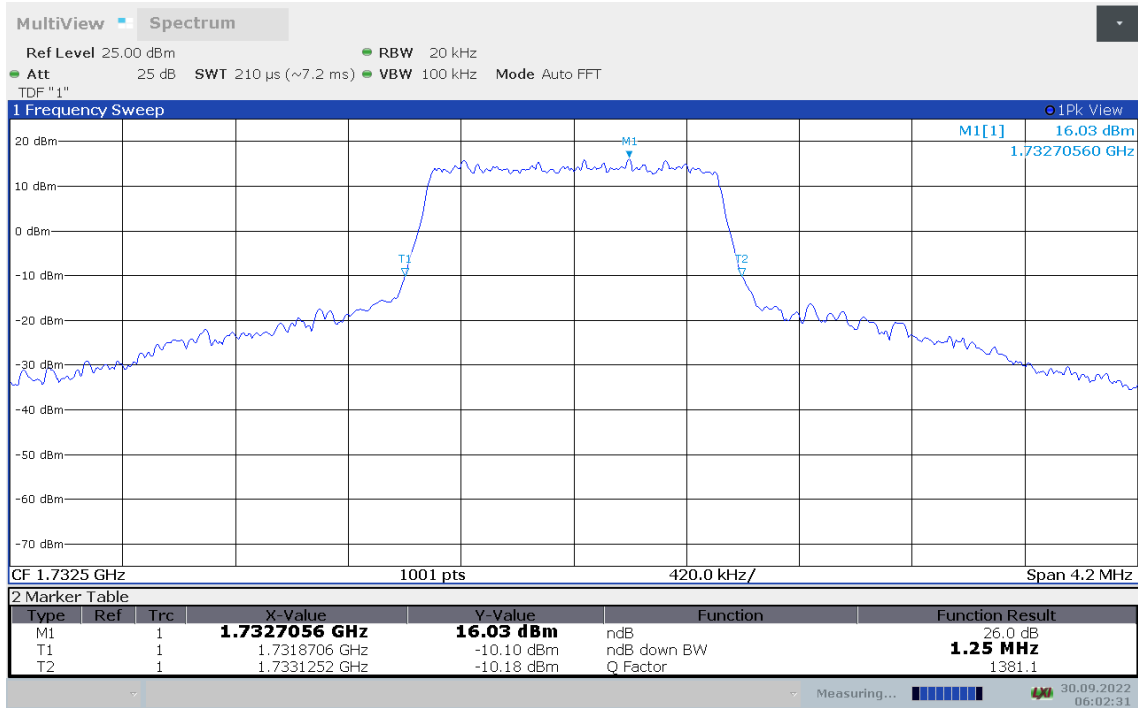


**LTE band 4, 1.4MHz Bandwidth, 16QAM (-26dBc BW)**





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

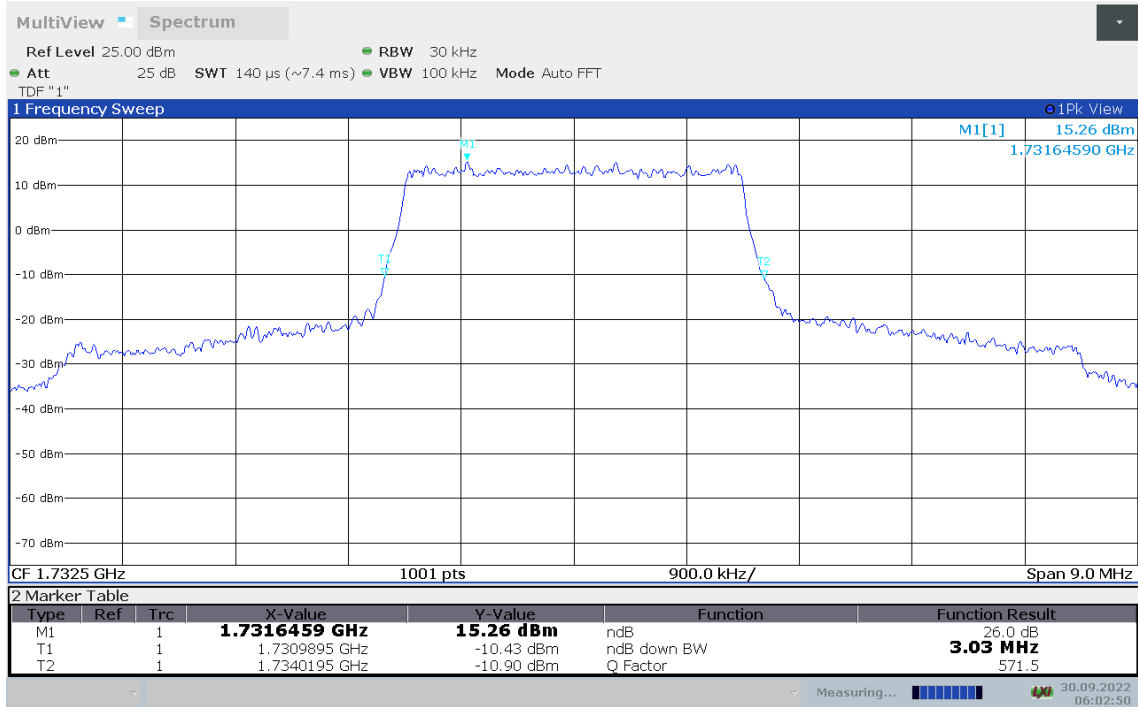




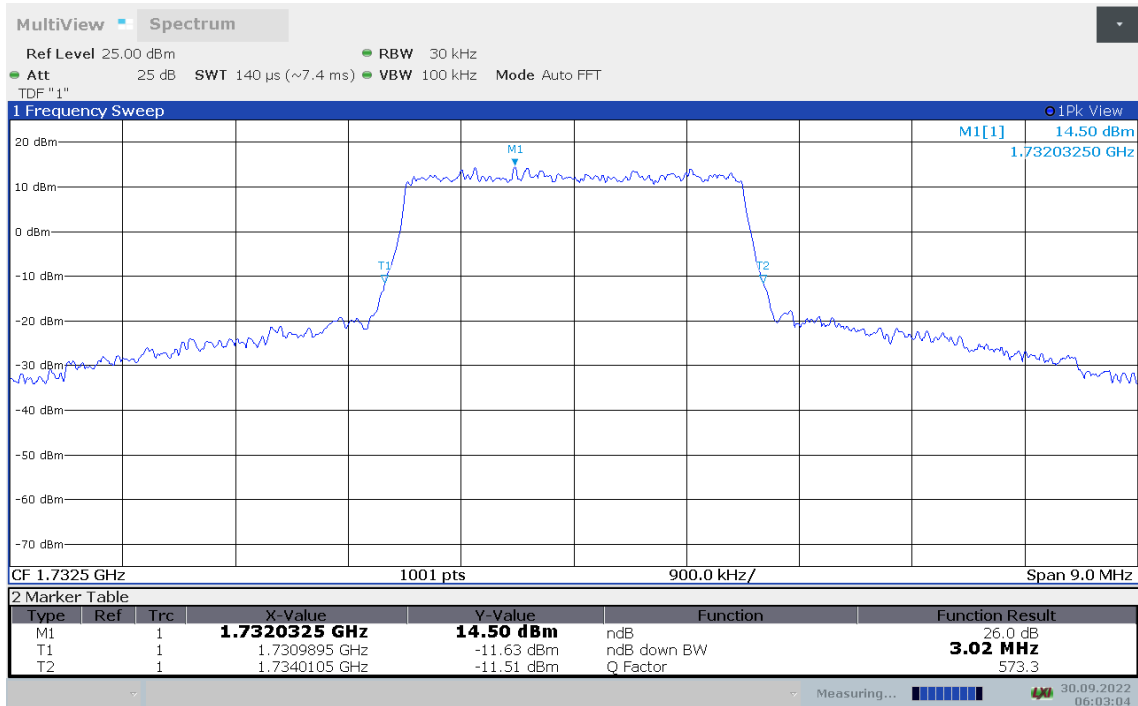
**LTE band 4, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	1732.5	QPSK	16QAM
	3.03	3.02	3.00

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



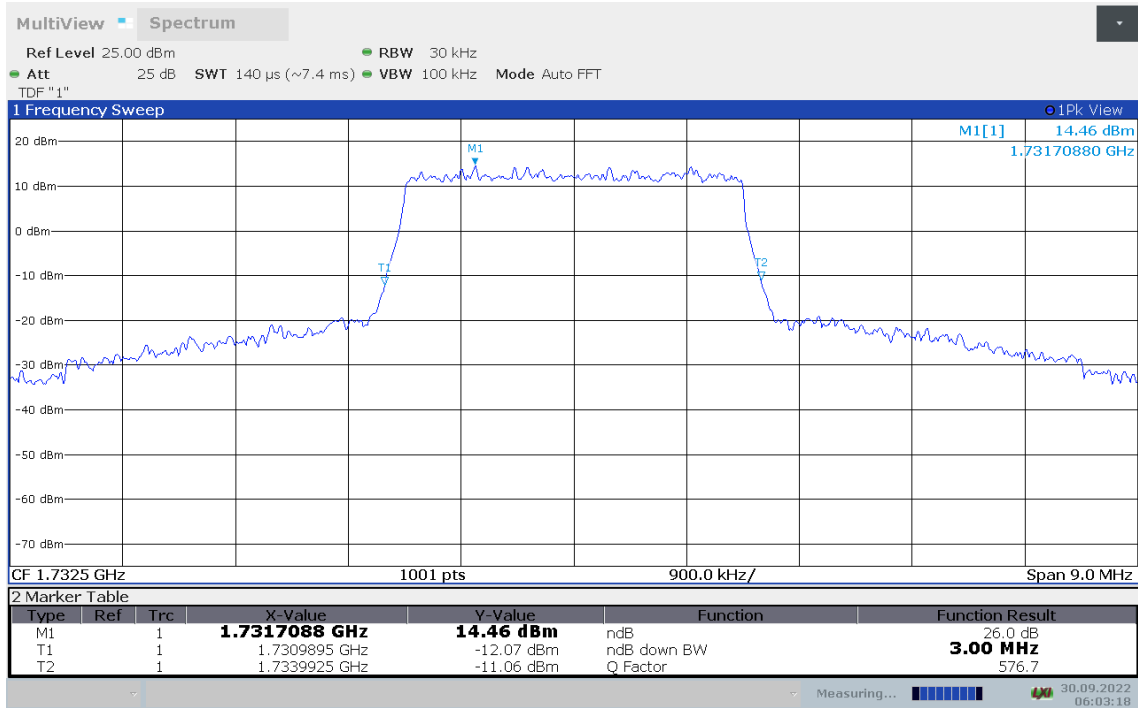
**LTE band 4, 3MHz Bandwidth, 16QAM (-26dBc BW)**







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

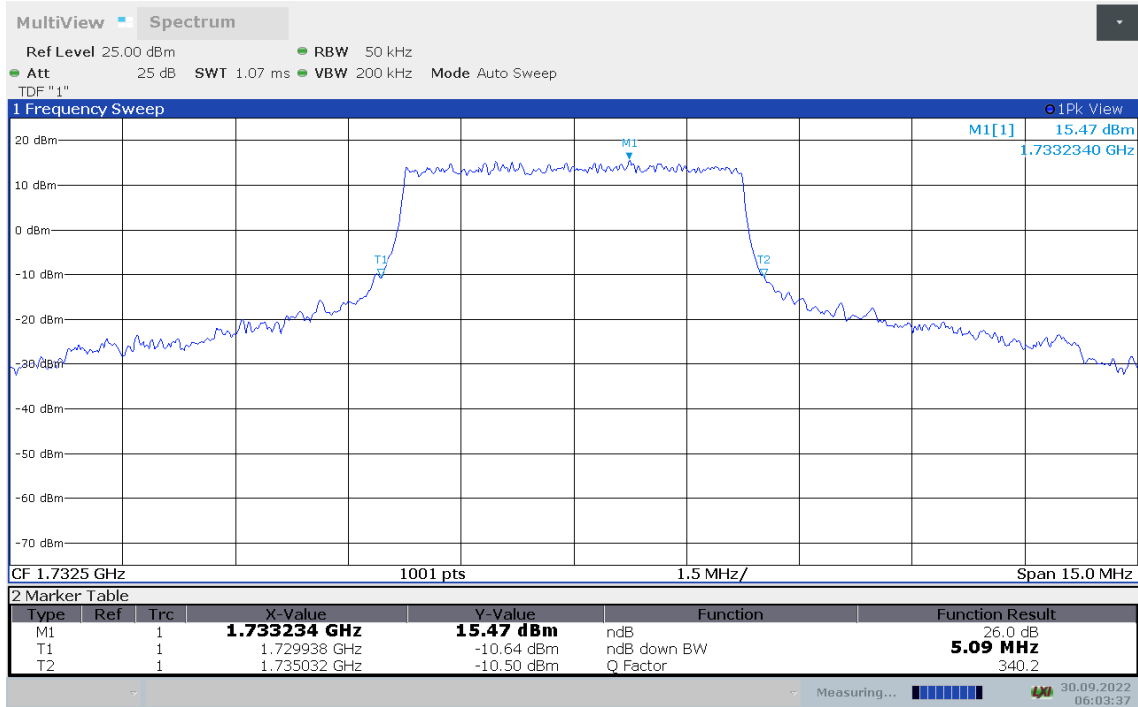




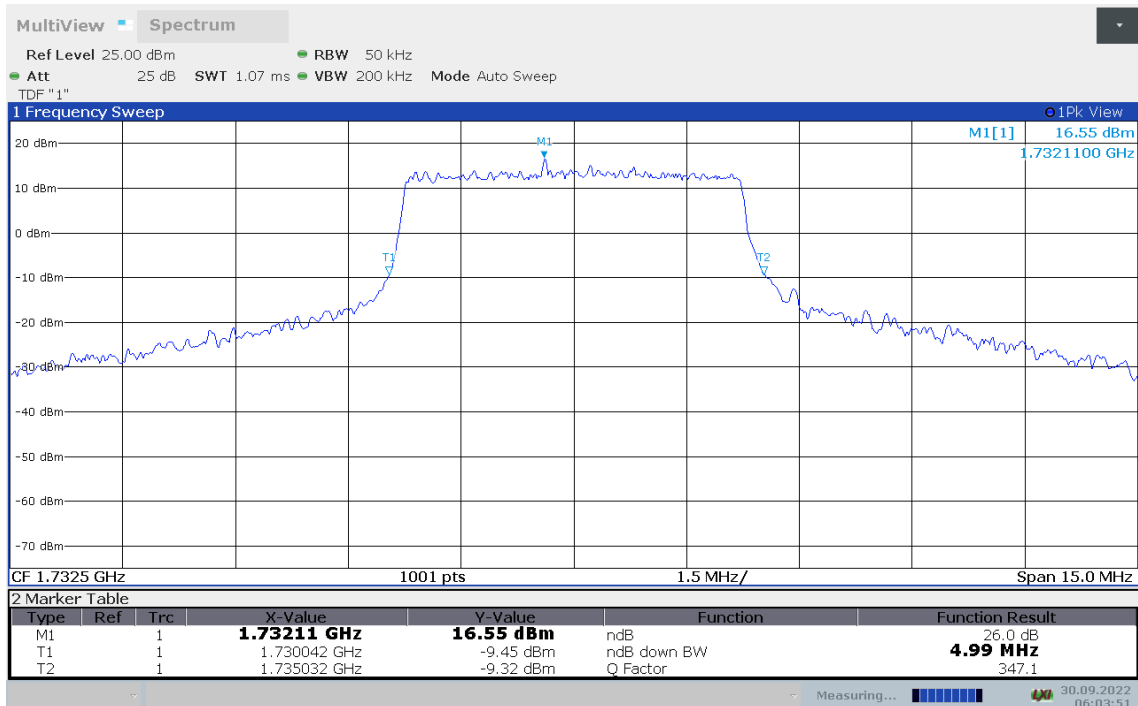
**LTE band 4, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1732.5	QPSK	16QAM	64QAM
	5.09	4.99	4.99

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

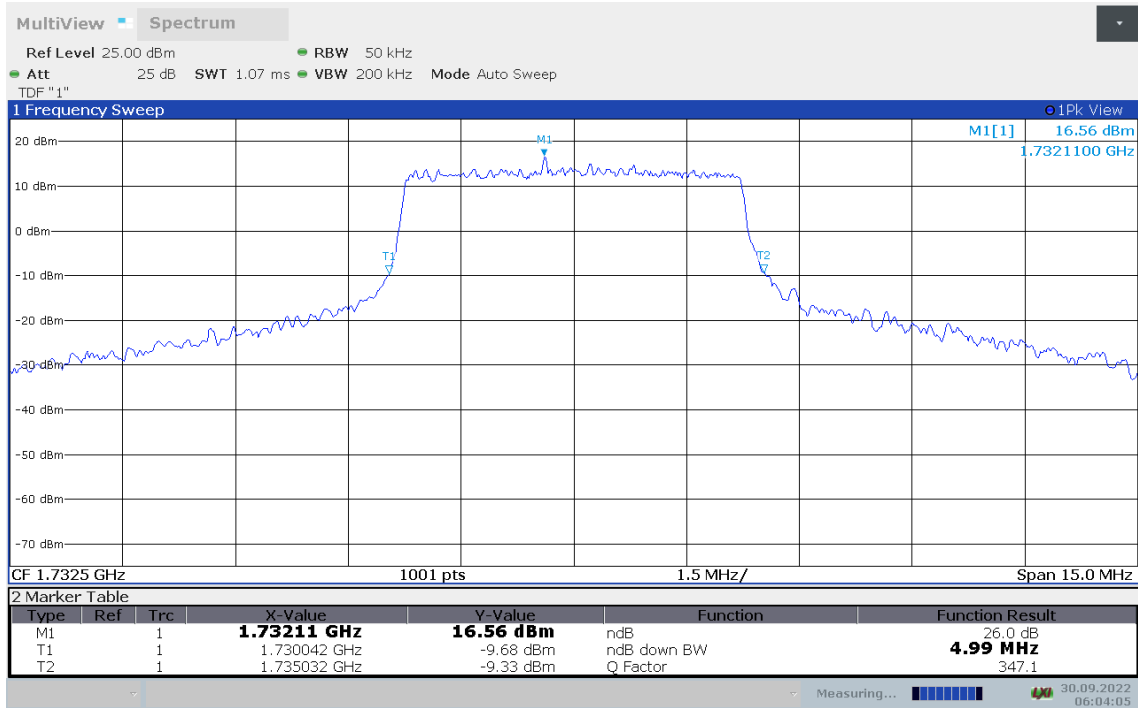


**LTE band 4, 5MHz Bandwidth, 16QAM (-26dBc BW)**





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

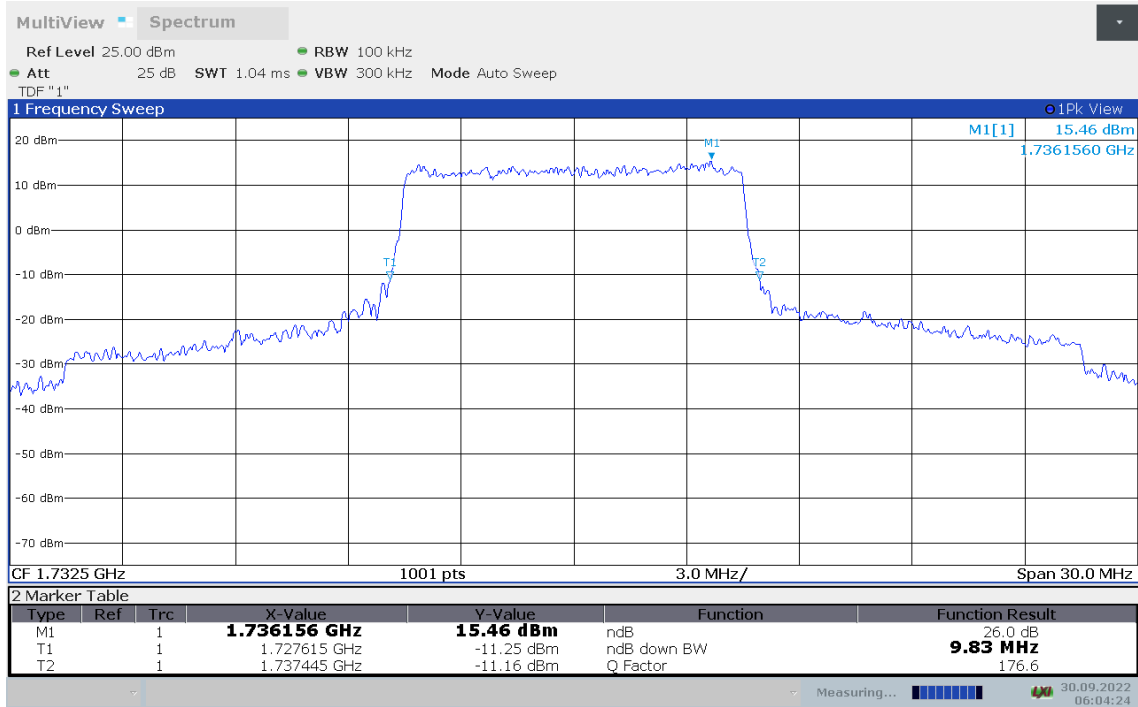




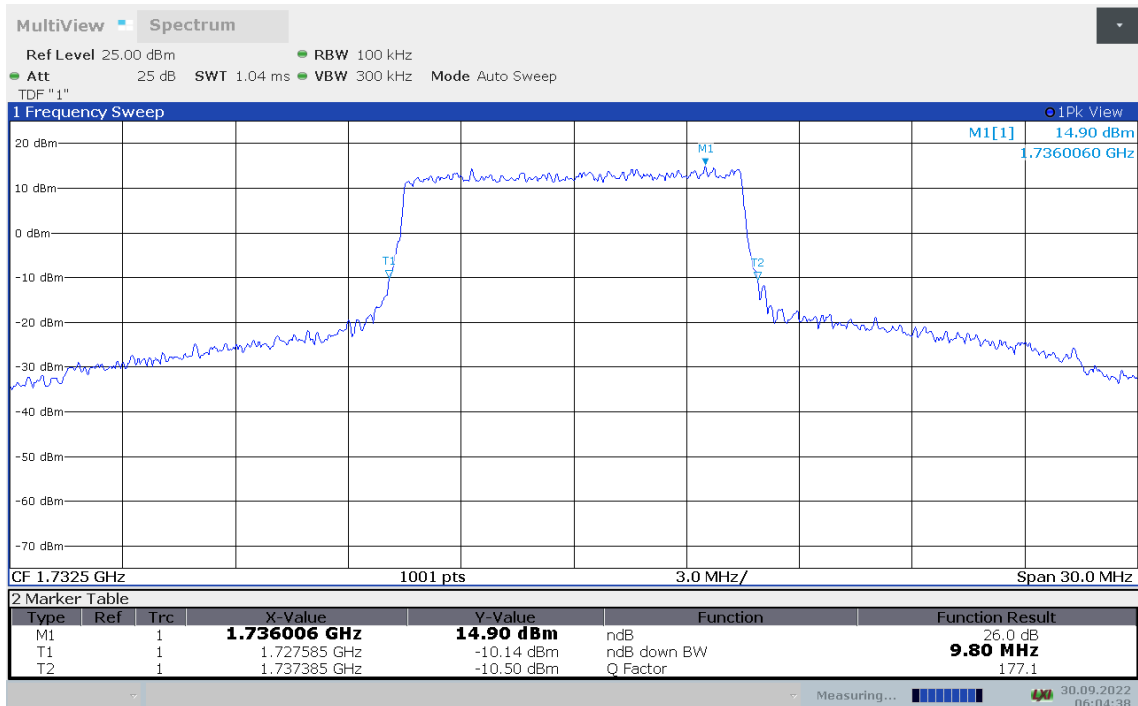
**LTE band 4, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1732.5	QPSK	16QAM	64QAM
	9.83	9.80	9.71

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

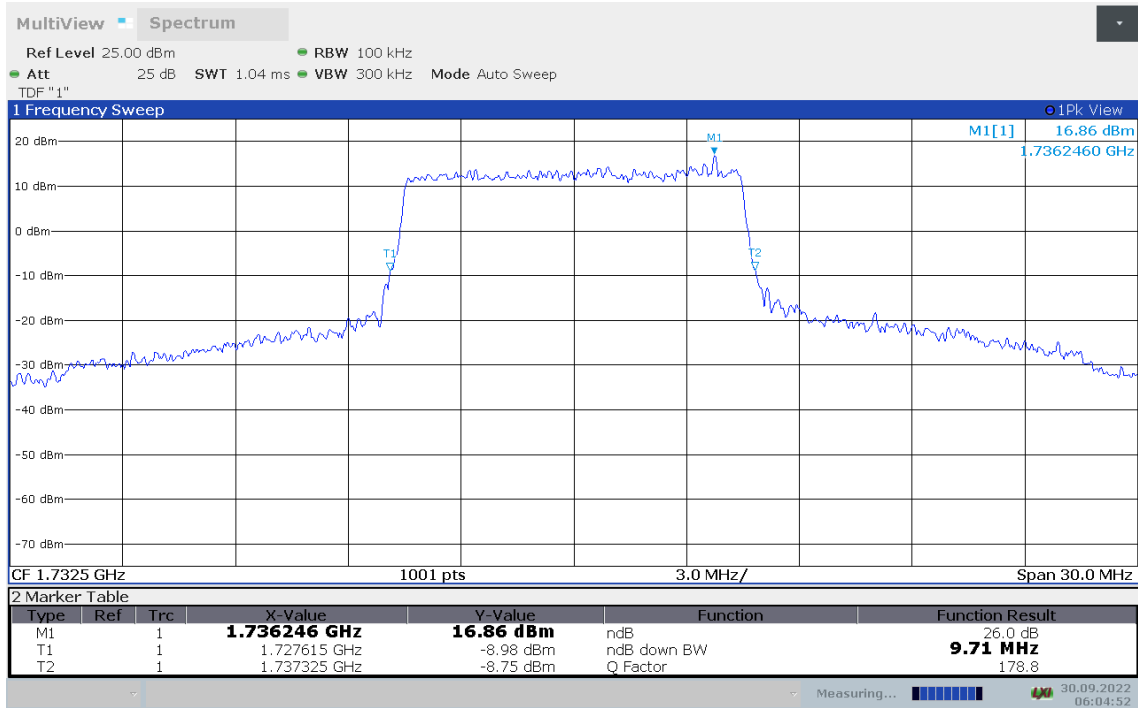


**LTE band 4, 10MHz Bandwidth, 16QAM (-26dBc BW)**





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

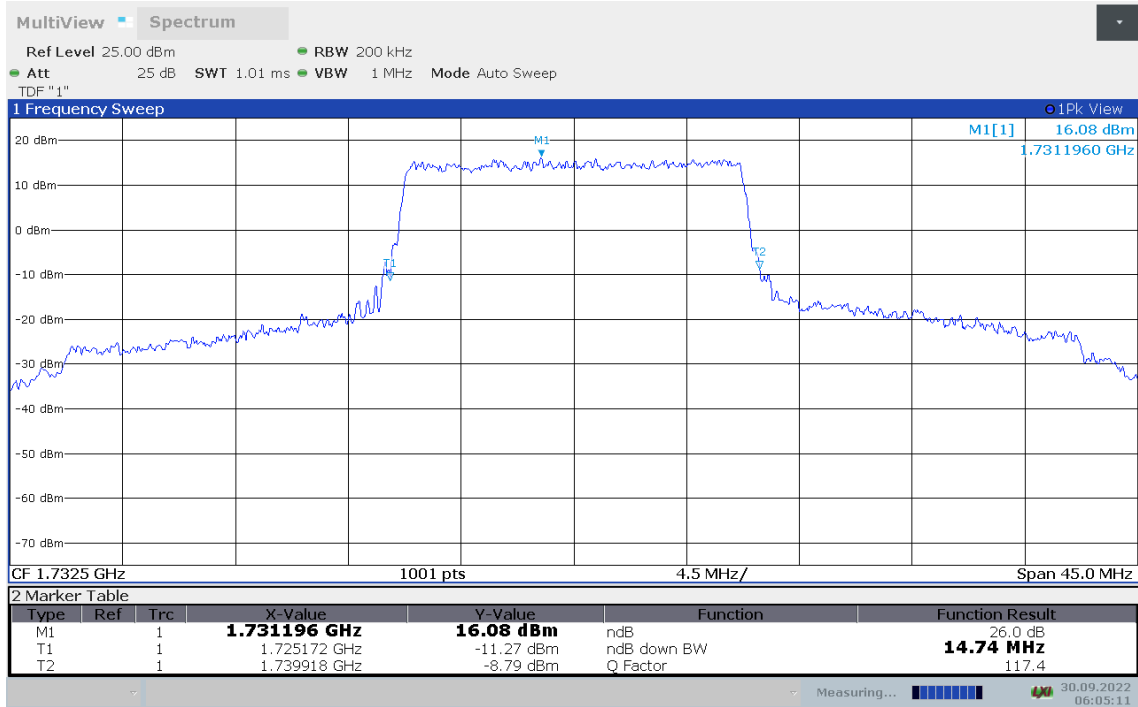




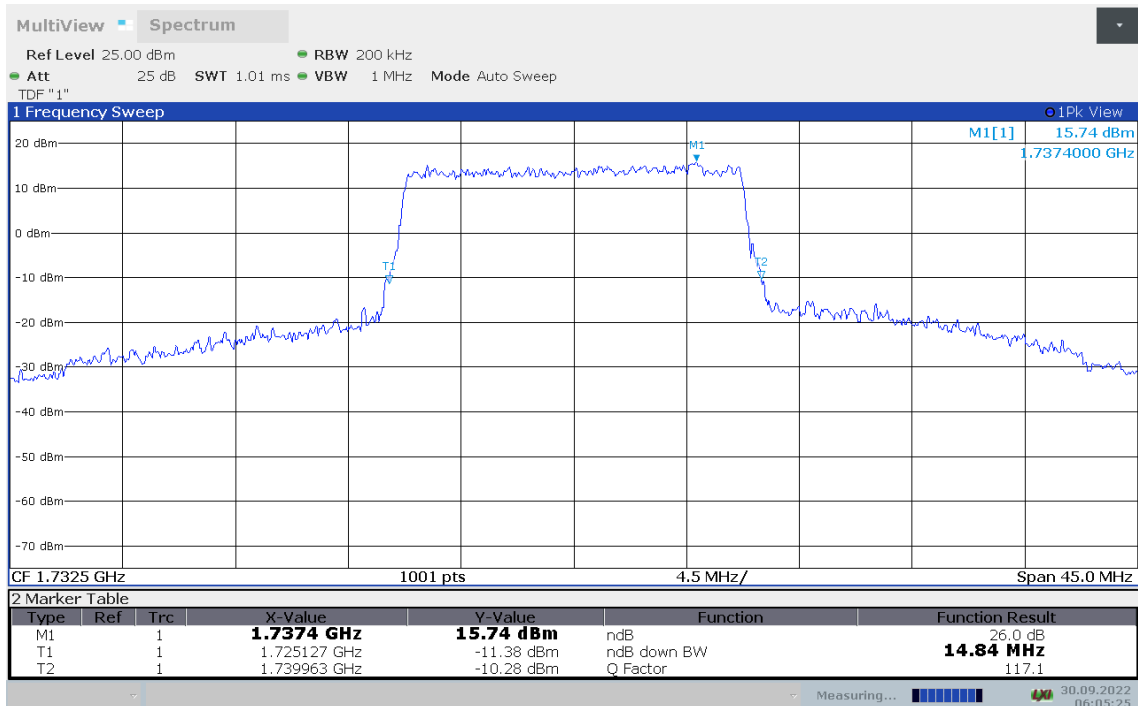
**LTE band 4, 15MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1732.5	QPSK	16QAM	64QAM
	14.74	14.84	14.79

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

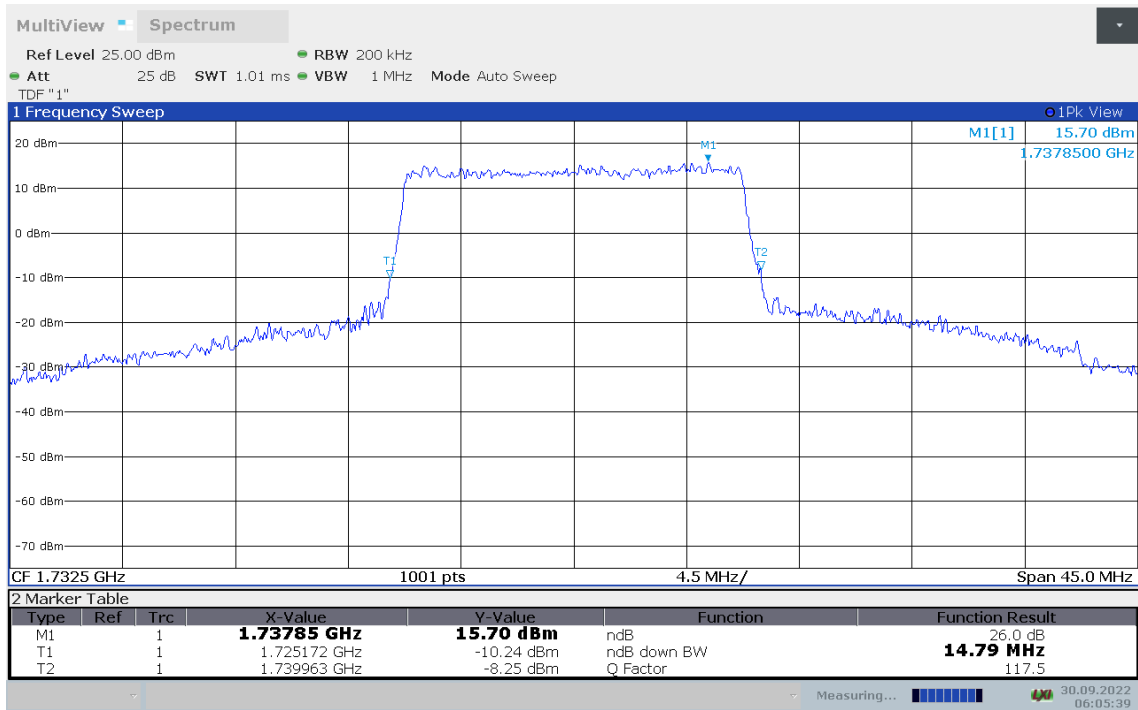


**LTE band 4, 15MHz Bandwidth, 16QAM (-26dBc BW)**





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

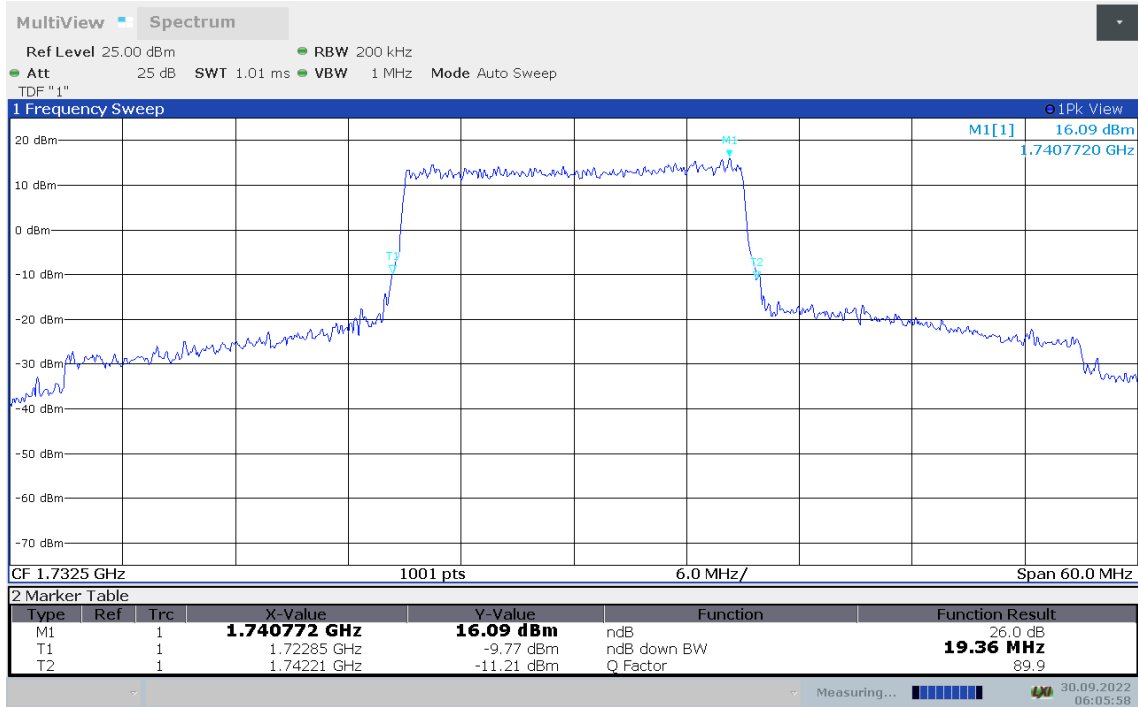




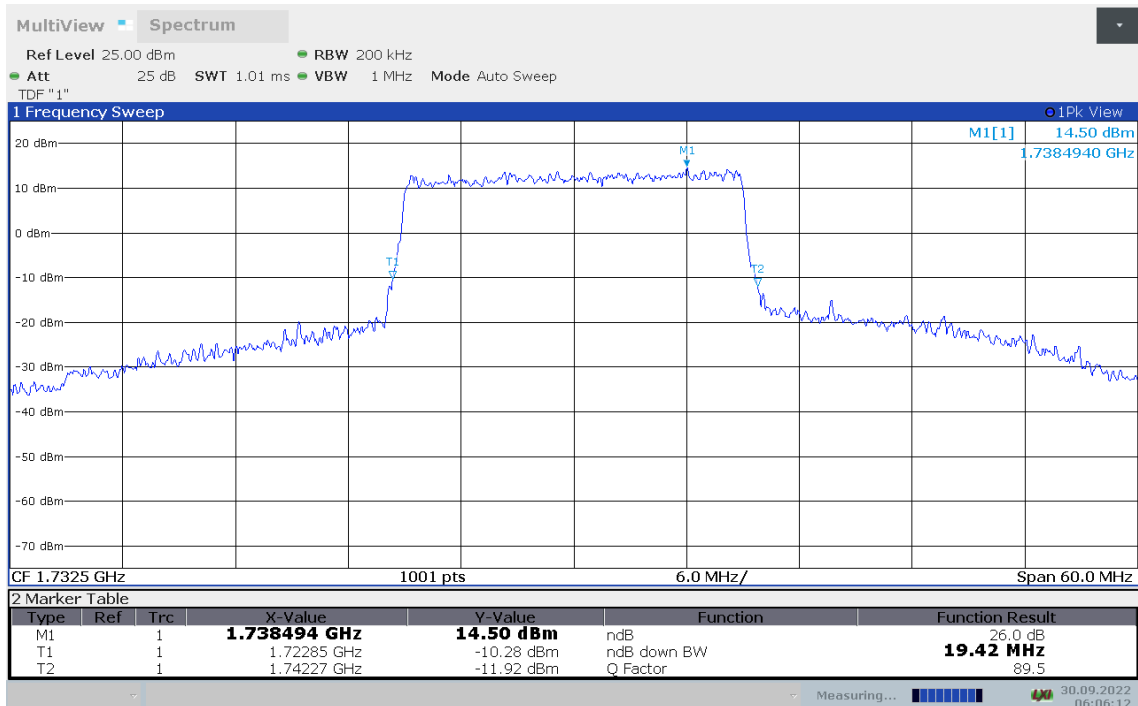
**LTE band 4, 20MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
1732.5	QPSK	16QAM	64QAM
	19.36	19.42	19.24

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



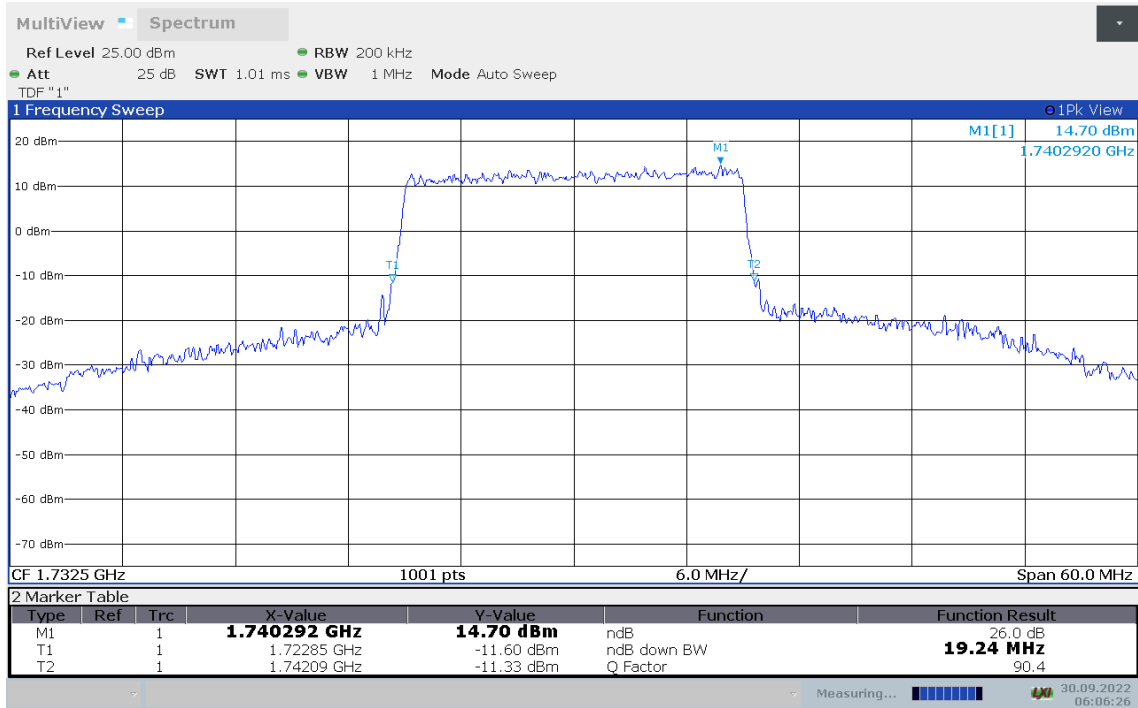
**LTE band 4, 20MHz Bandwidth, 16QAM (-26dBc BW)**







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

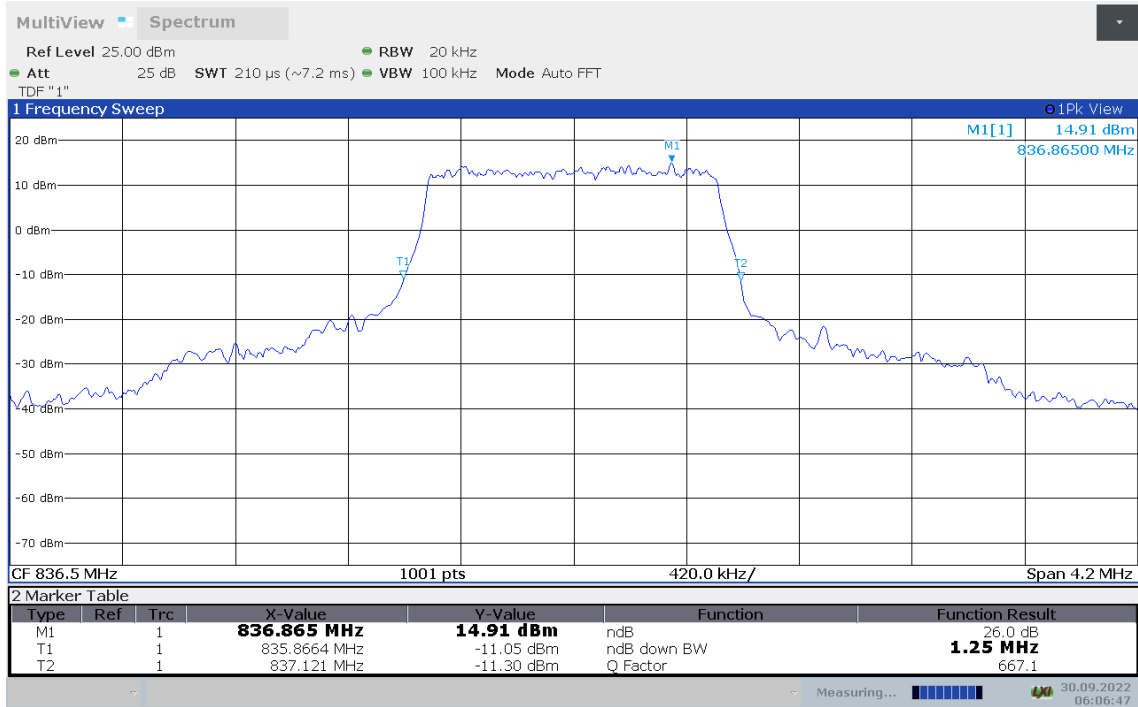




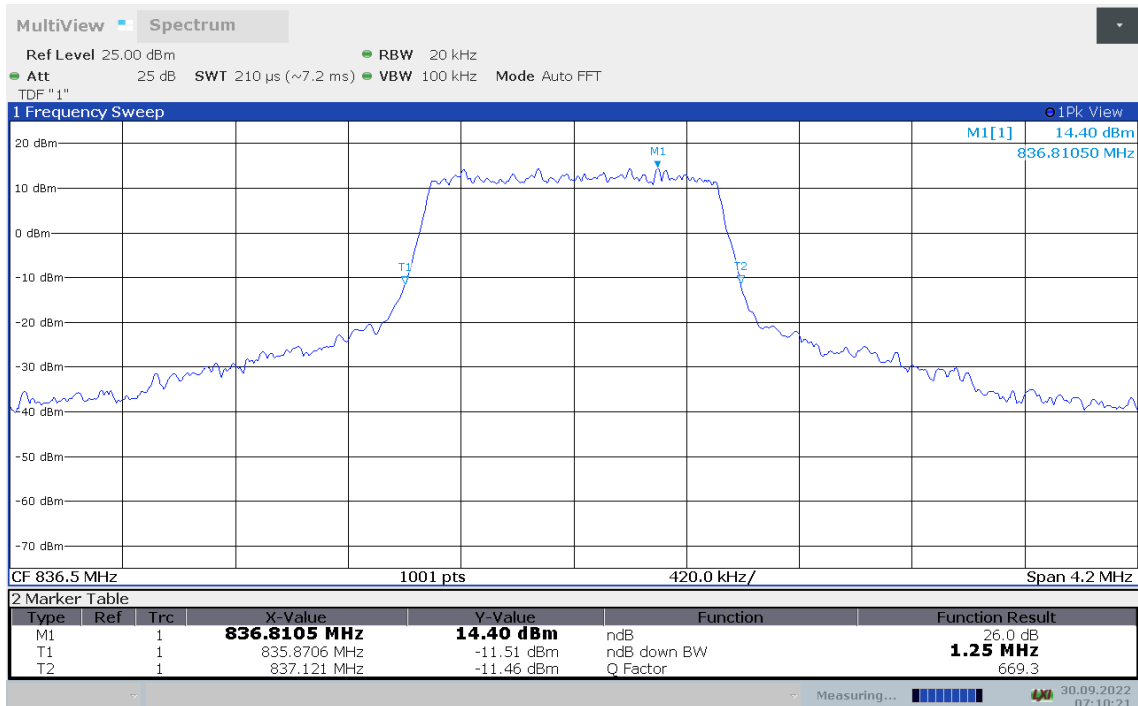
**LTE band 5, 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	1.25	1.25	1.27

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

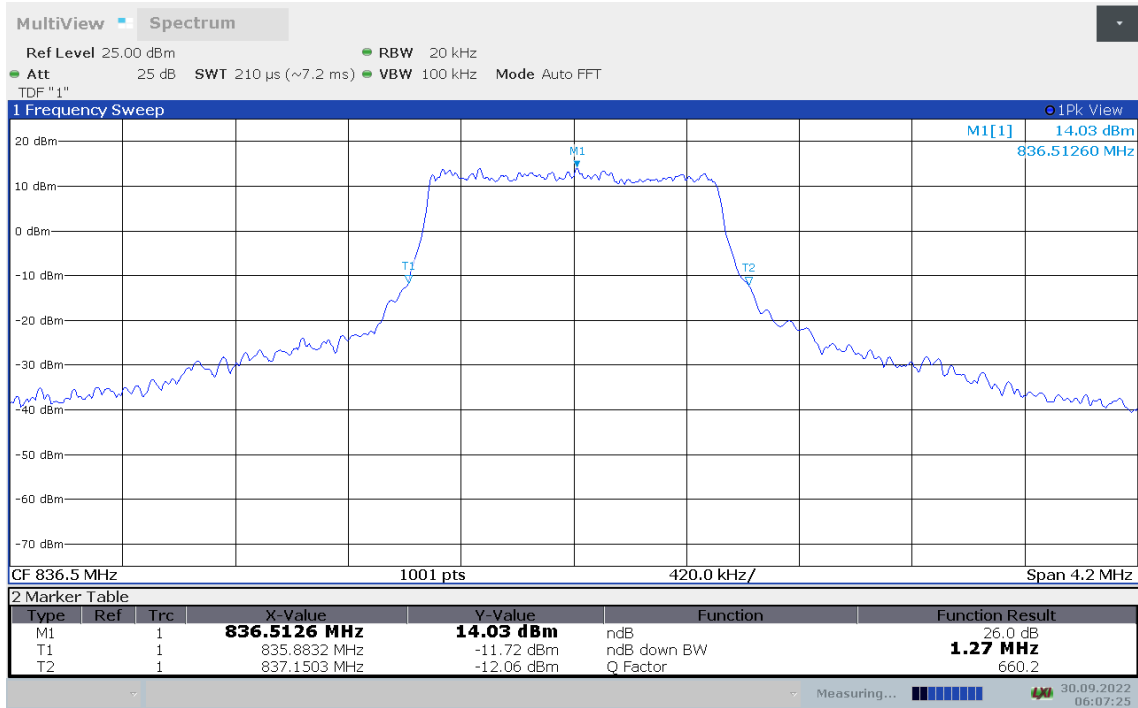


**LTE band 5, 1.4MHz Bandwidth,16QAM (-26dBc BW)**





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

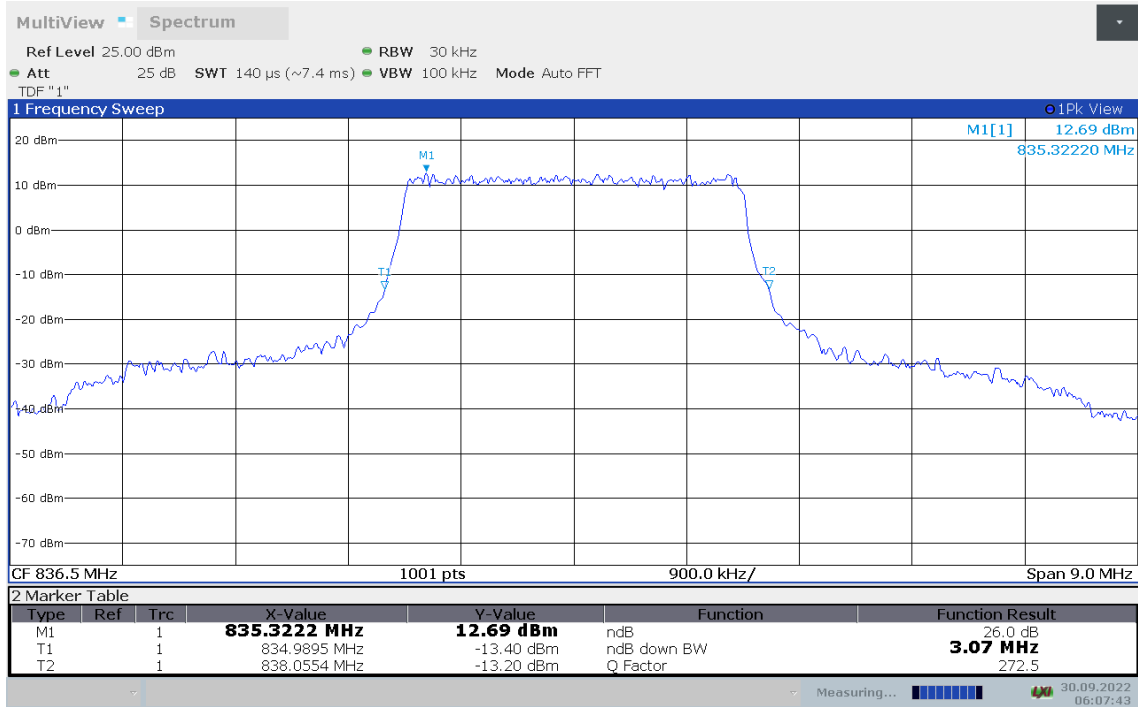




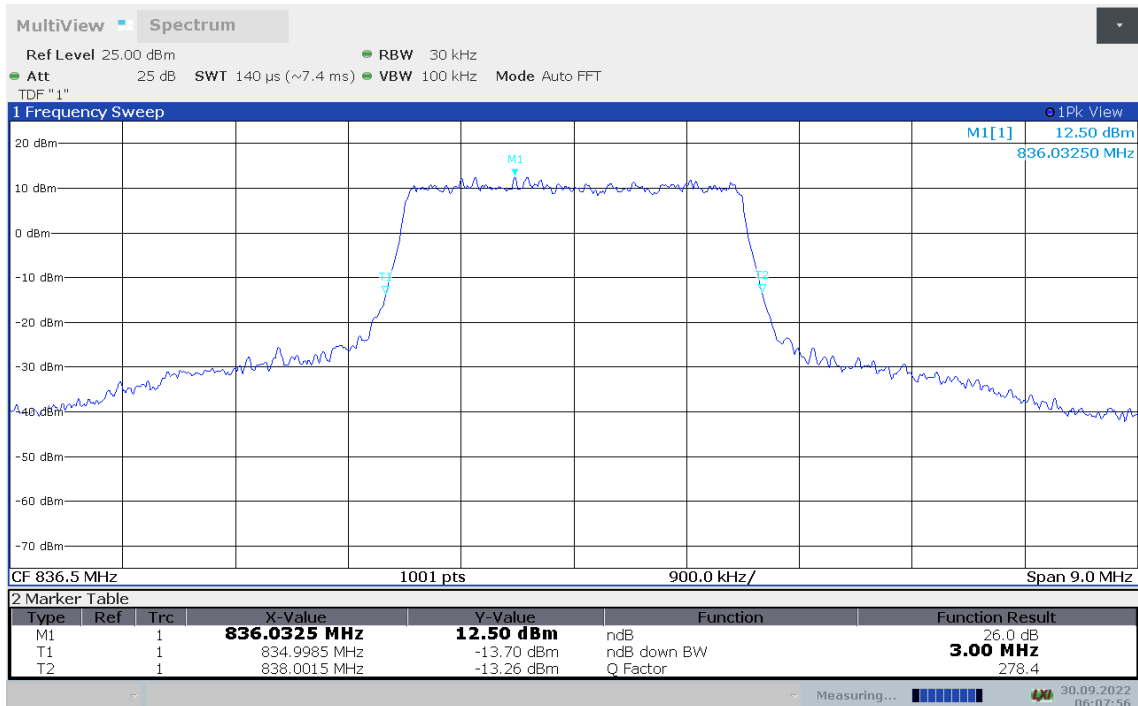
**LTE band 5, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	836.5	QPSK	16QAM
	3.07	3.00	3.01

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

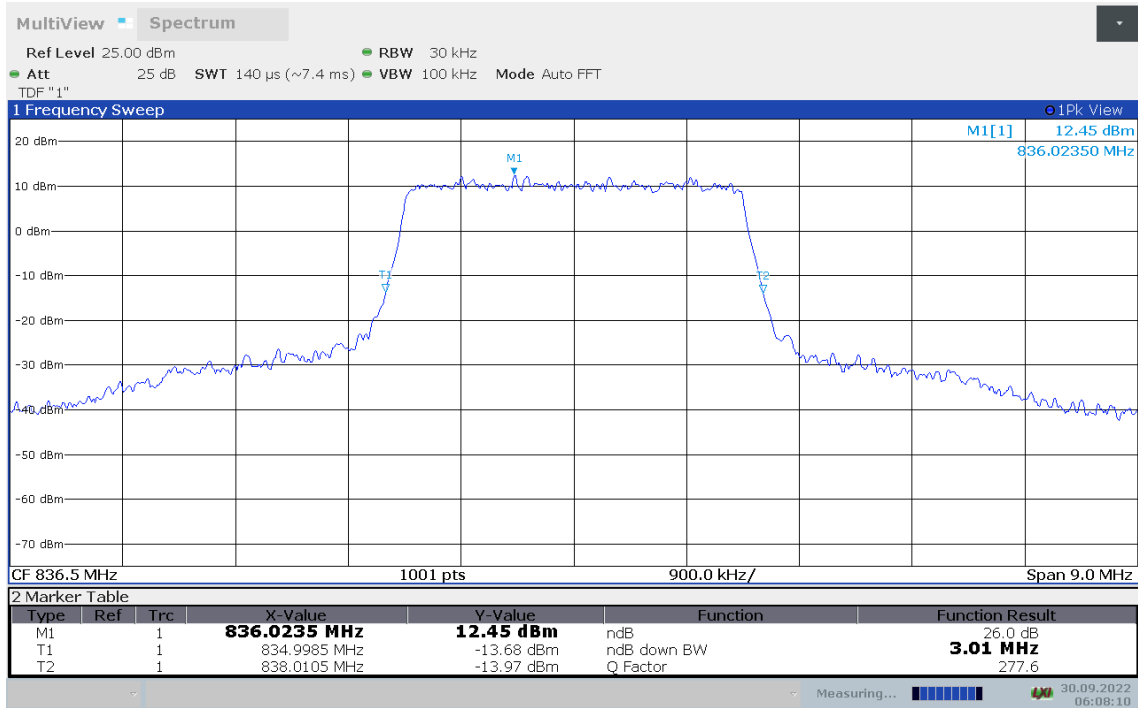


**LTE band 5, 3MHz Bandwidth, 16QAM (-26dBc BW)**





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

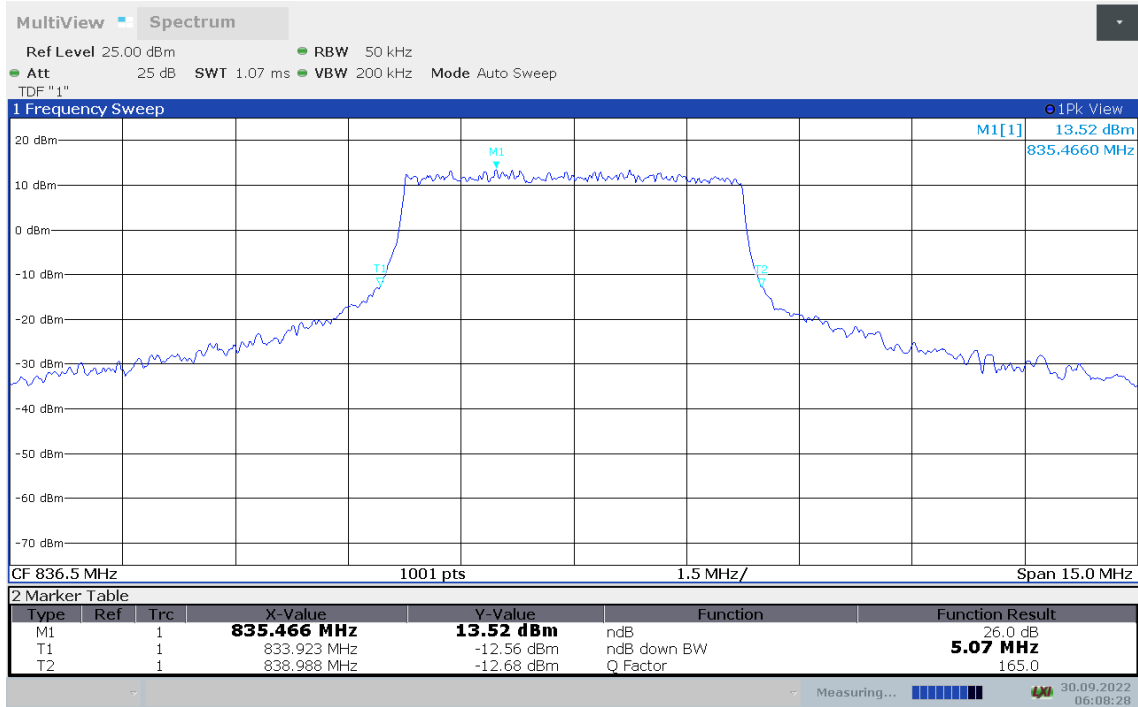




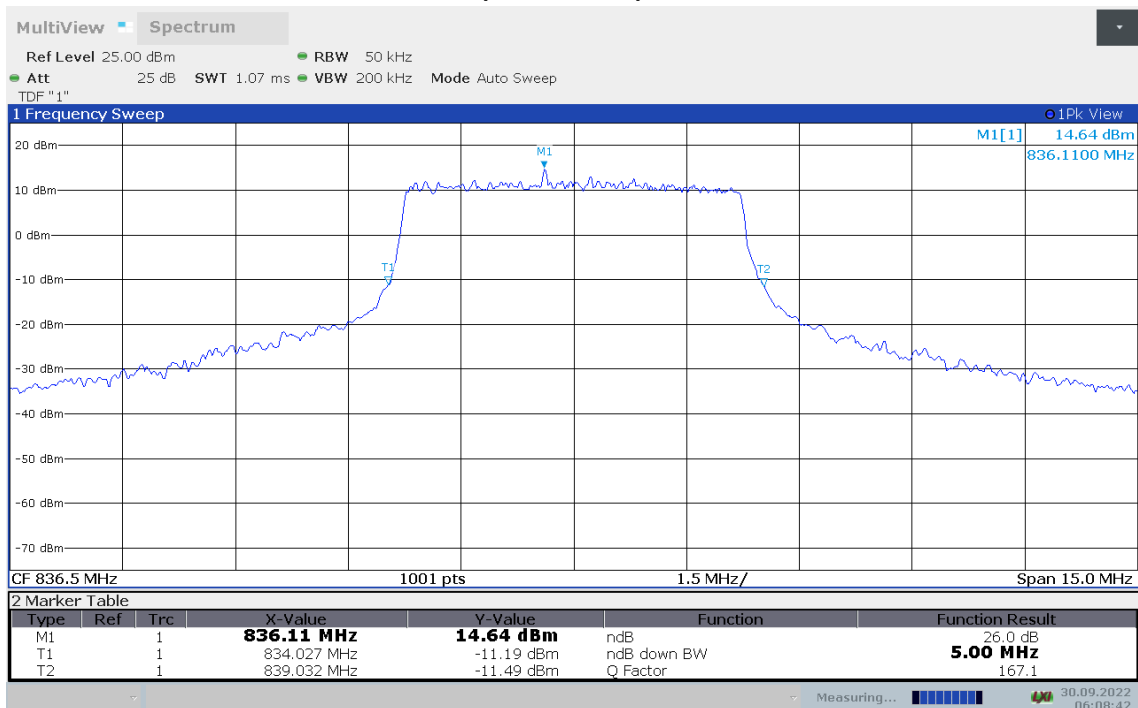
**LTE band 5, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	5.07	5.00	5.00

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

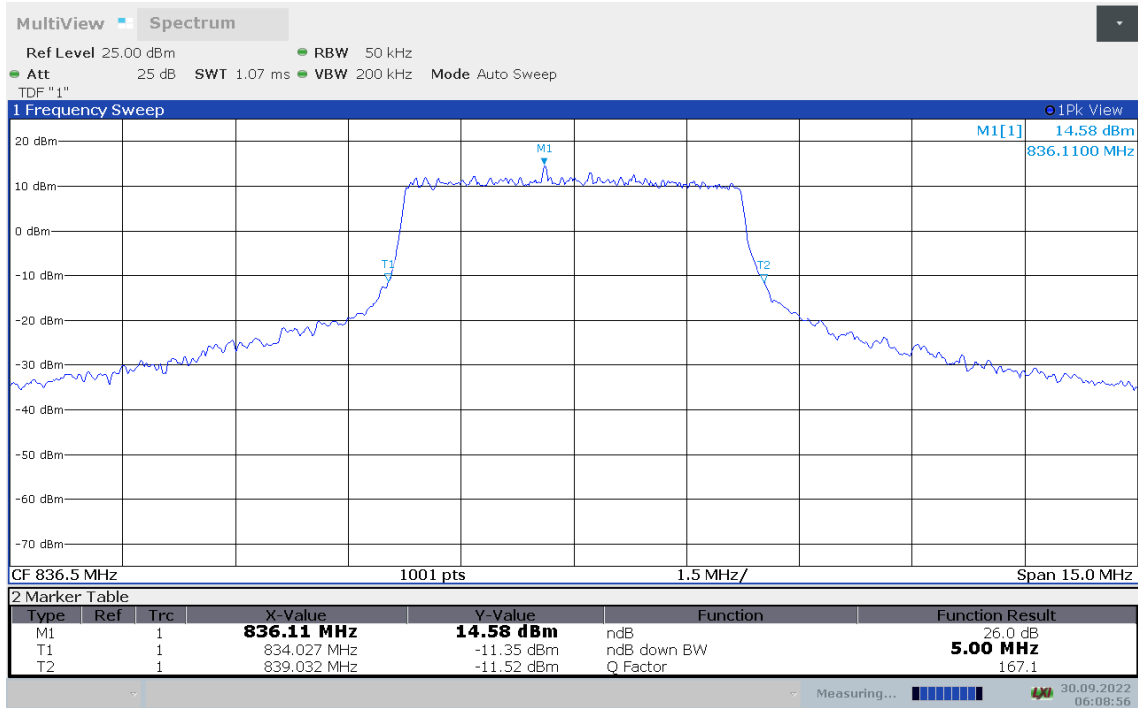


**LTE band 5, 5MHz Bandwidth, 16QAM (-26dBc BW)**





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

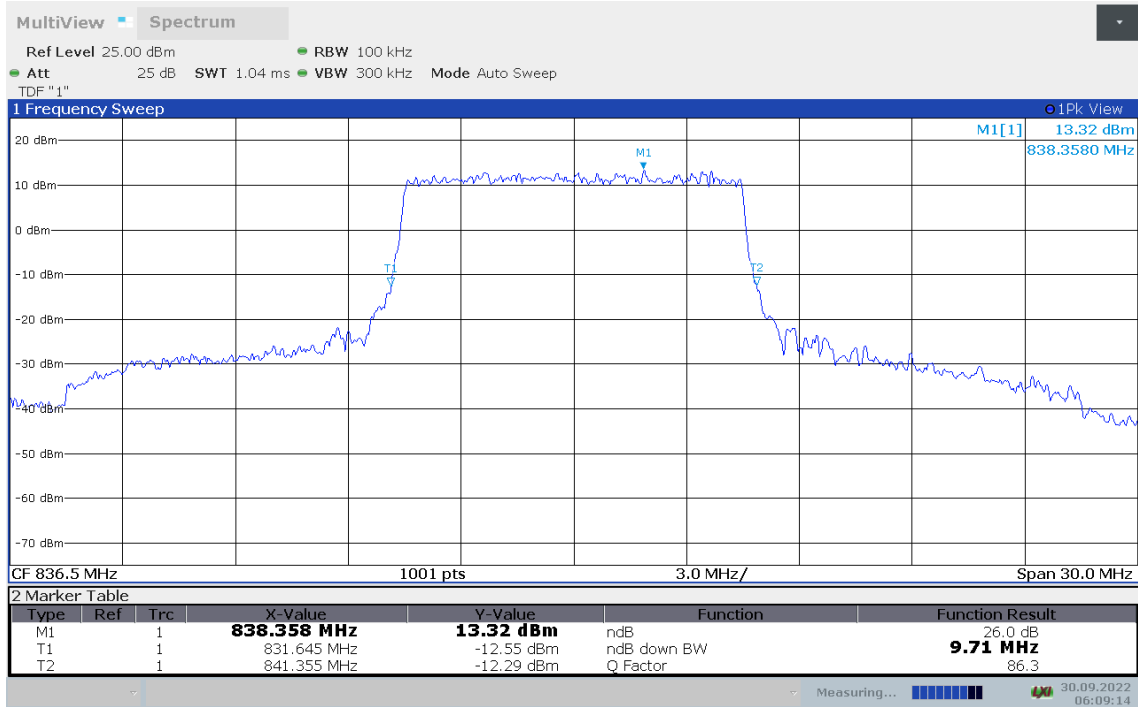




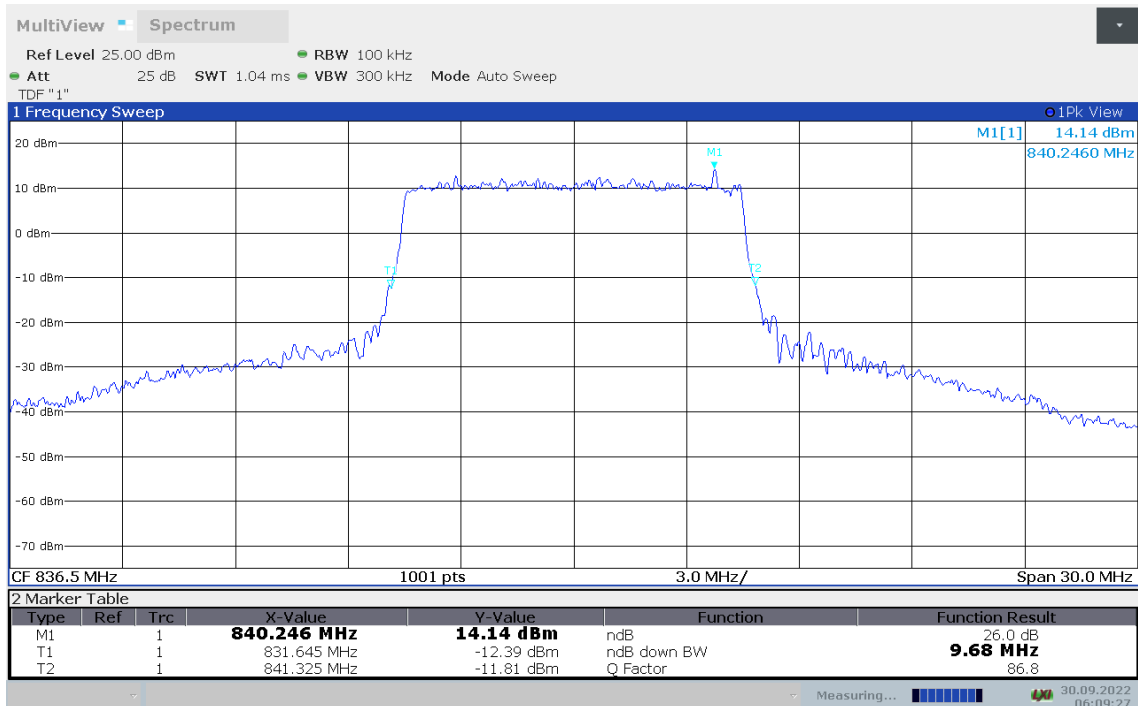
**LTE band 5, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	9.71	9.68	9.80

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



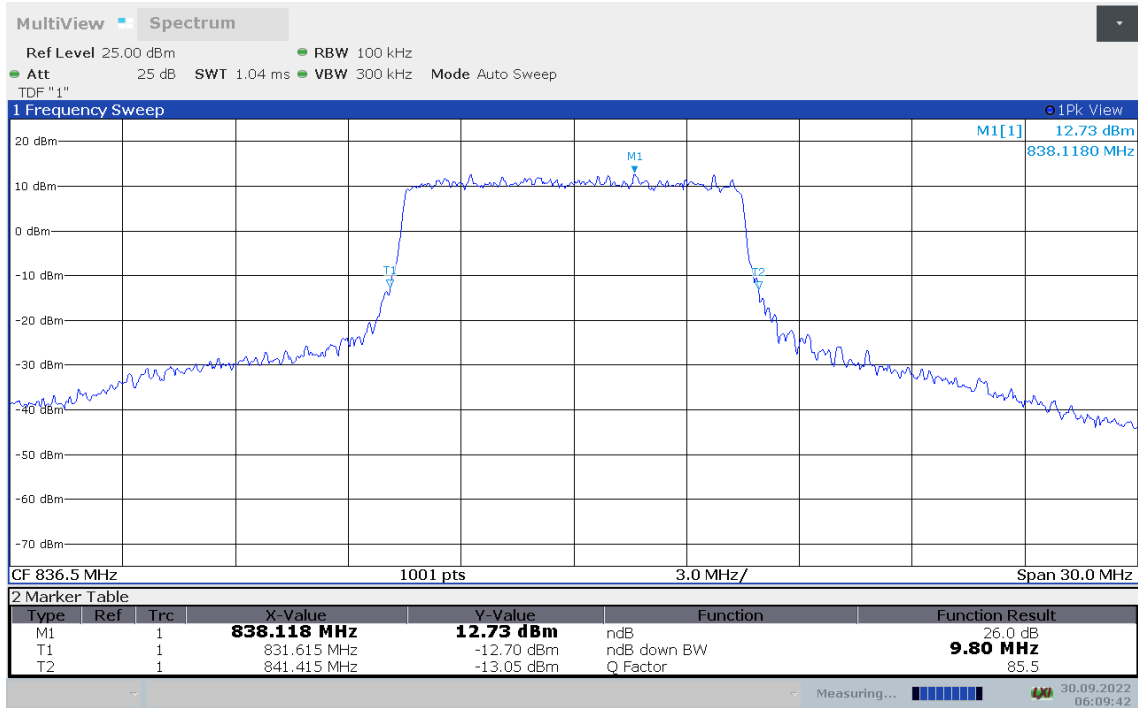
**LTE band 5, 10MHz Bandwidth, 16QAM (-26dBc BW)**







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

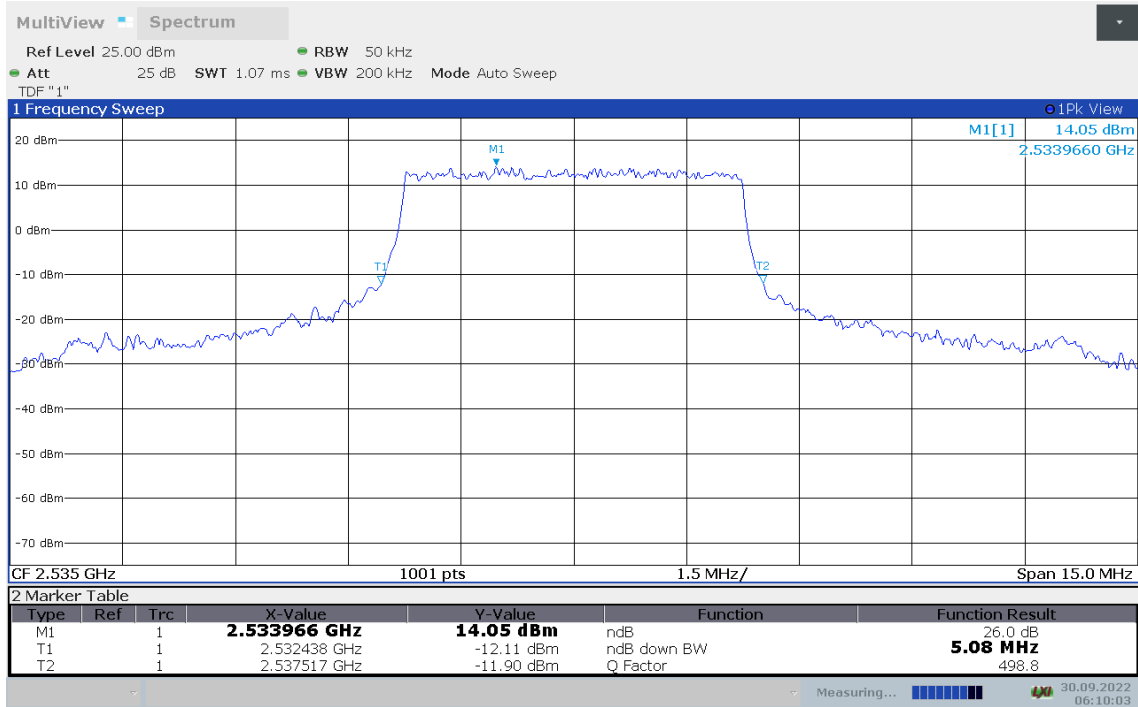




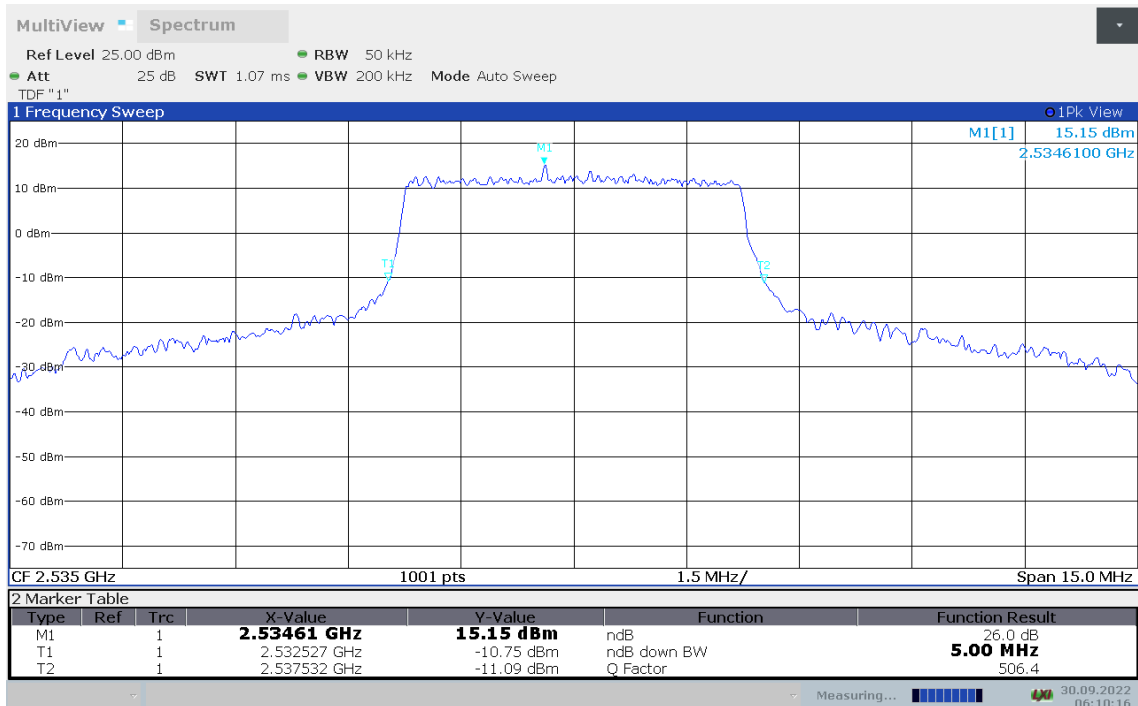
**LTE band 7, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
2535.0	QPSK	16QAM	64QAM
	5.08	5.00	5.00

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

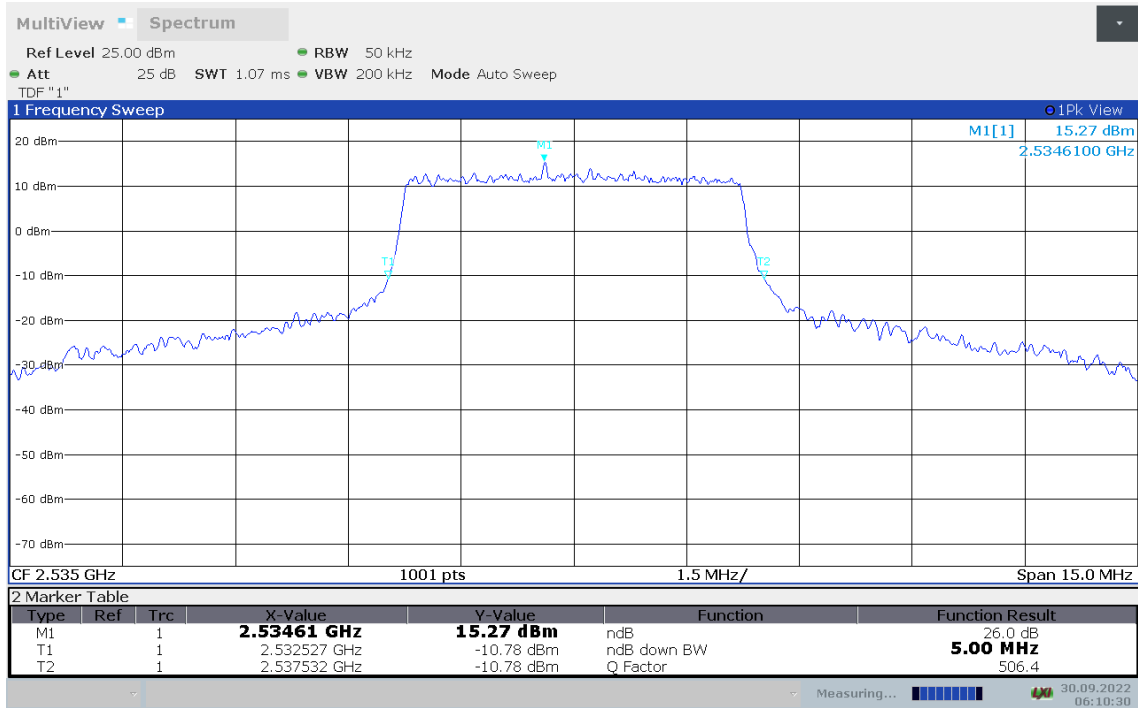


**LTE band 7, 5MHz Bandwidth,16QAM (-26dBc BW)**





LTE band 7, 5MHz Bandwidth,64QAM (-26dBc BW)

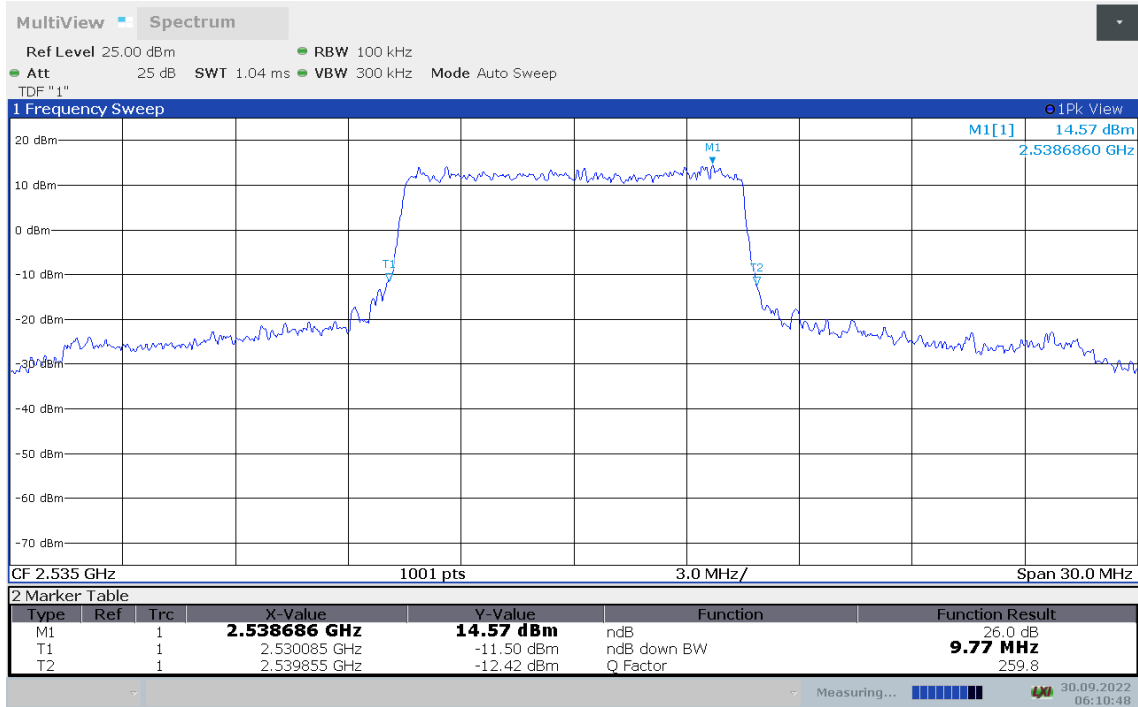




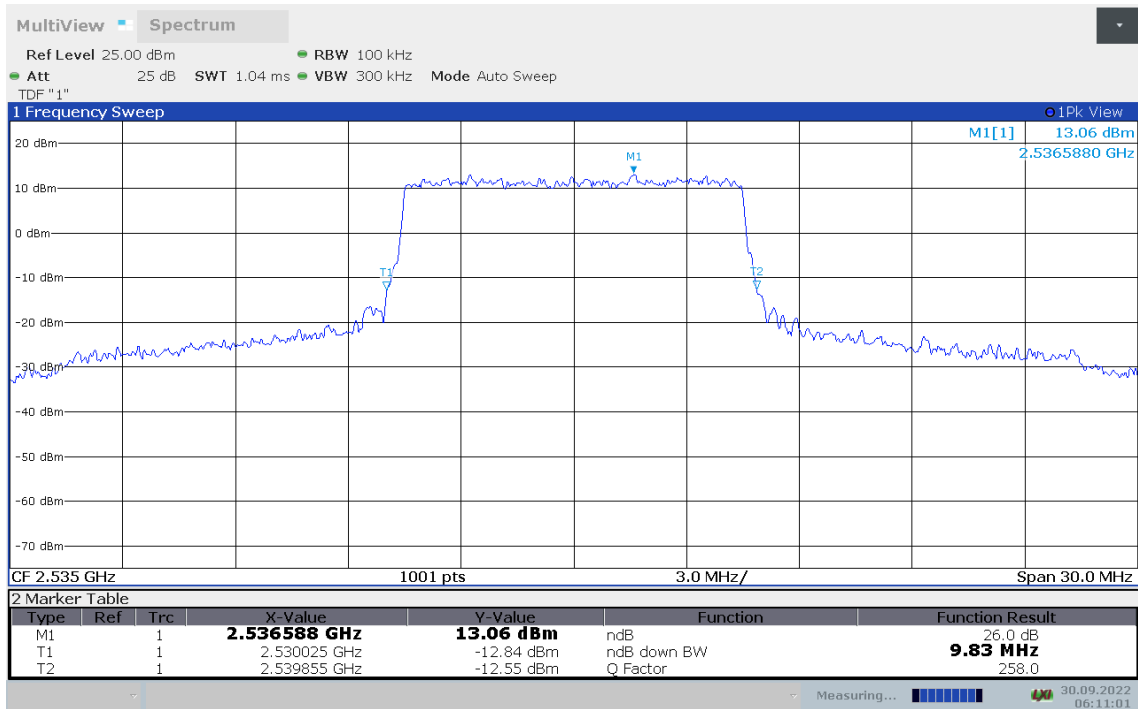
**LTE band 7, 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
2535.0	QPSK	16QAM	64QAM
	9.77	9.83	9.83

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

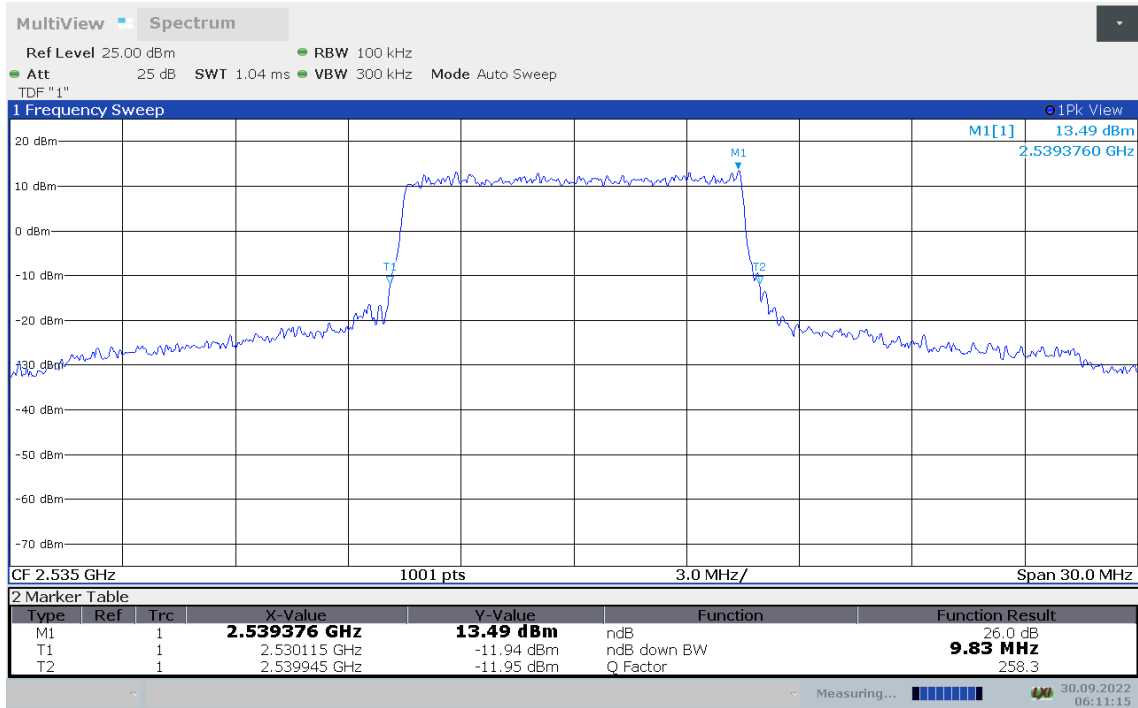


**LTE band 7, 10MHz Bandwidth, 16QAM (-26dBc BW)**





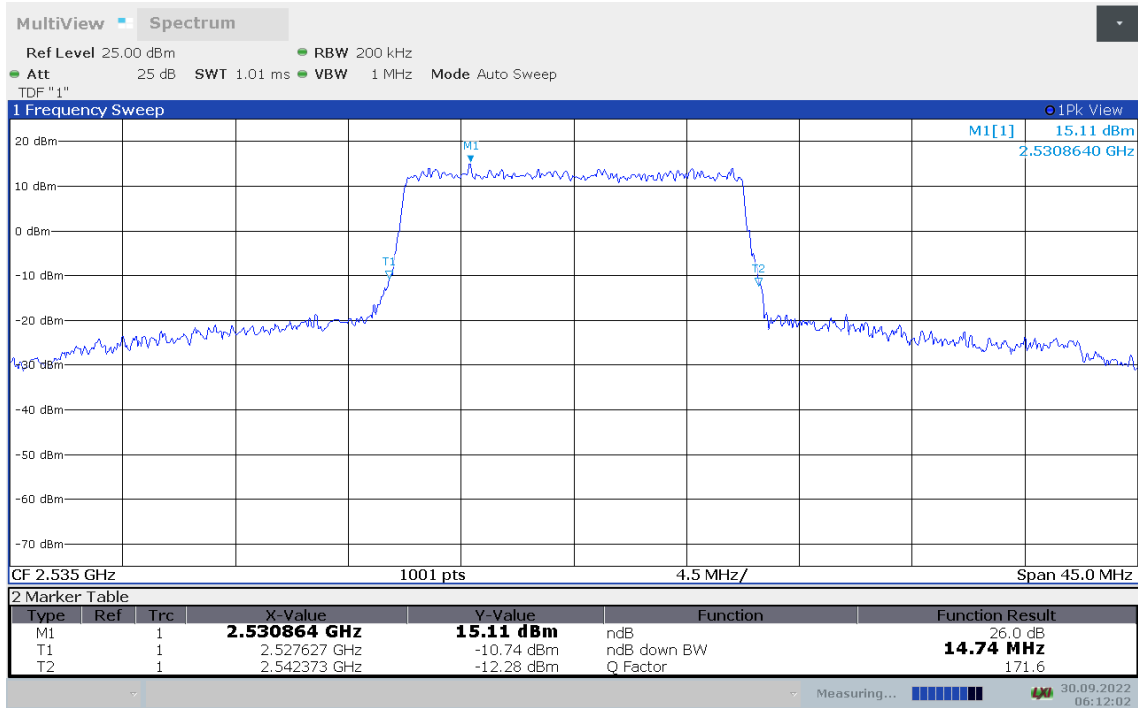
LTE band 7, 10MHz Bandwidth, 64QAM (-26dBc BW)







LTE band 7, 15MHz Bandwidth, 64QAM (-26dBc BW)

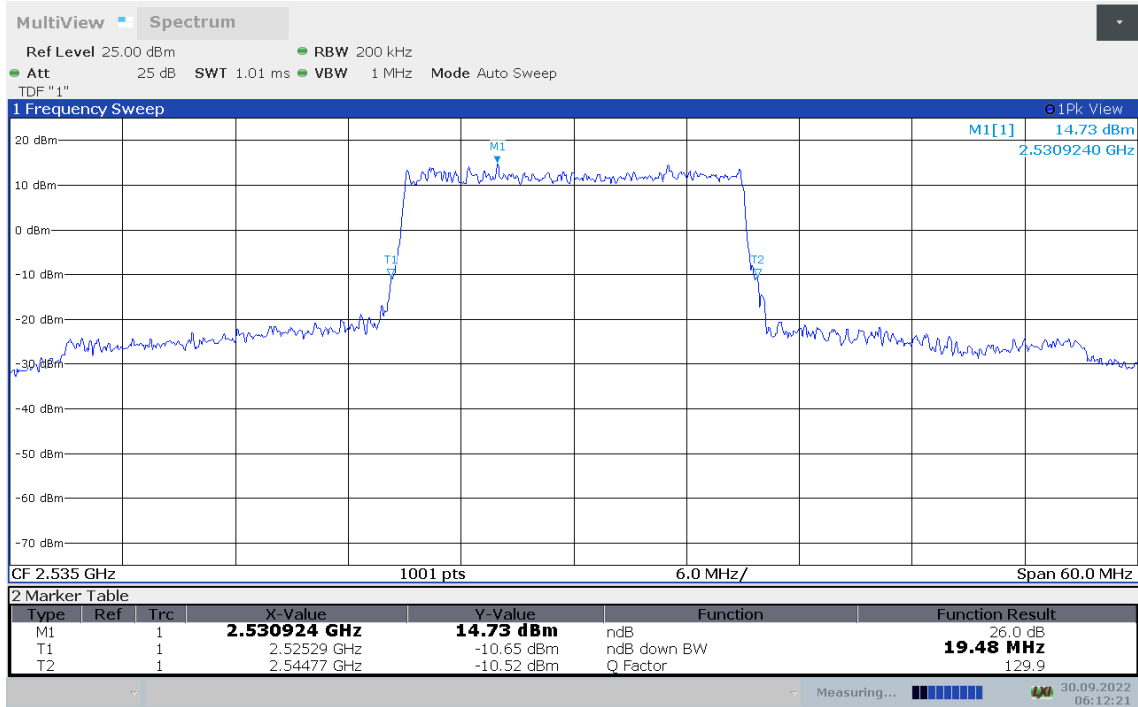




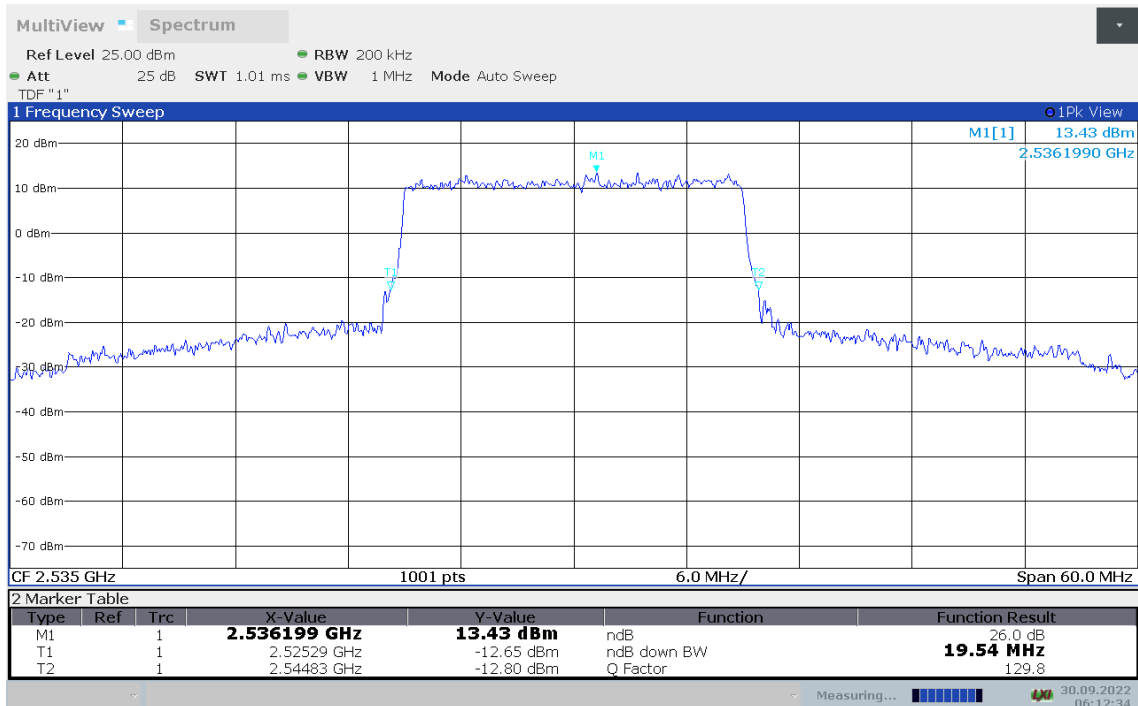
**LTE band 7, 20MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
2535.0	QPSK	16QAM	64QAM
	19.48	19.54	19.60

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



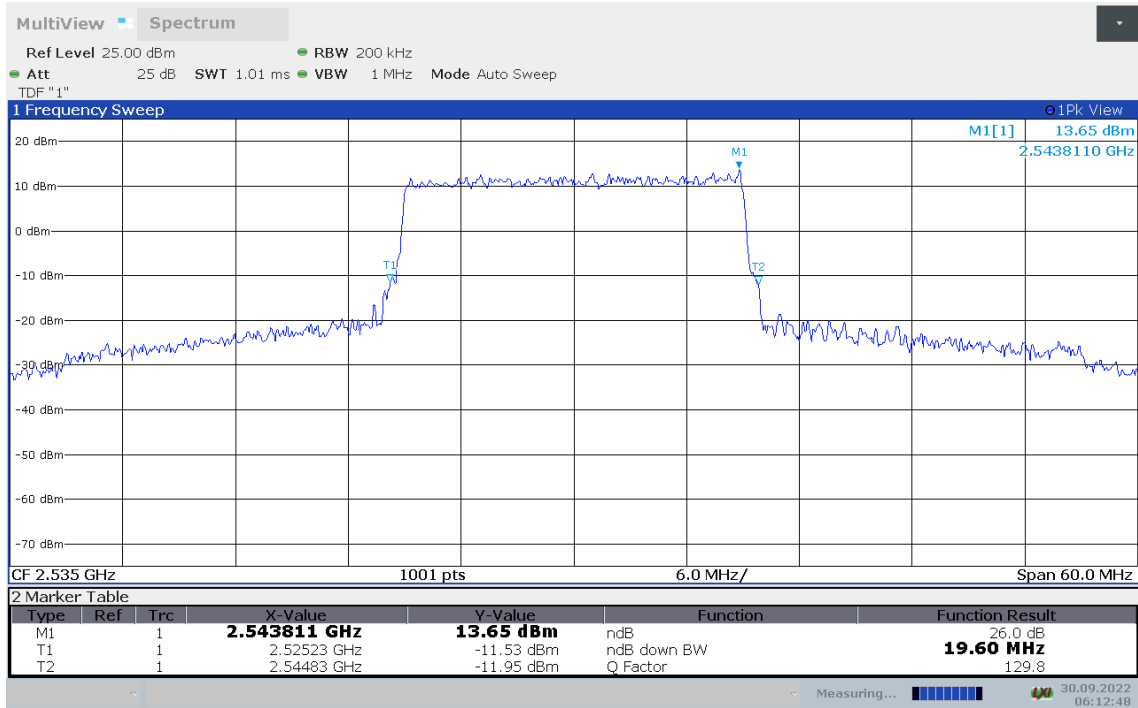
**LTE band 7, 20MHz Bandwidth, 16QAM (-26dBc BW)**







LTE band 7, 20MHz Bandwidth, 64QAM (-26dBc BW)

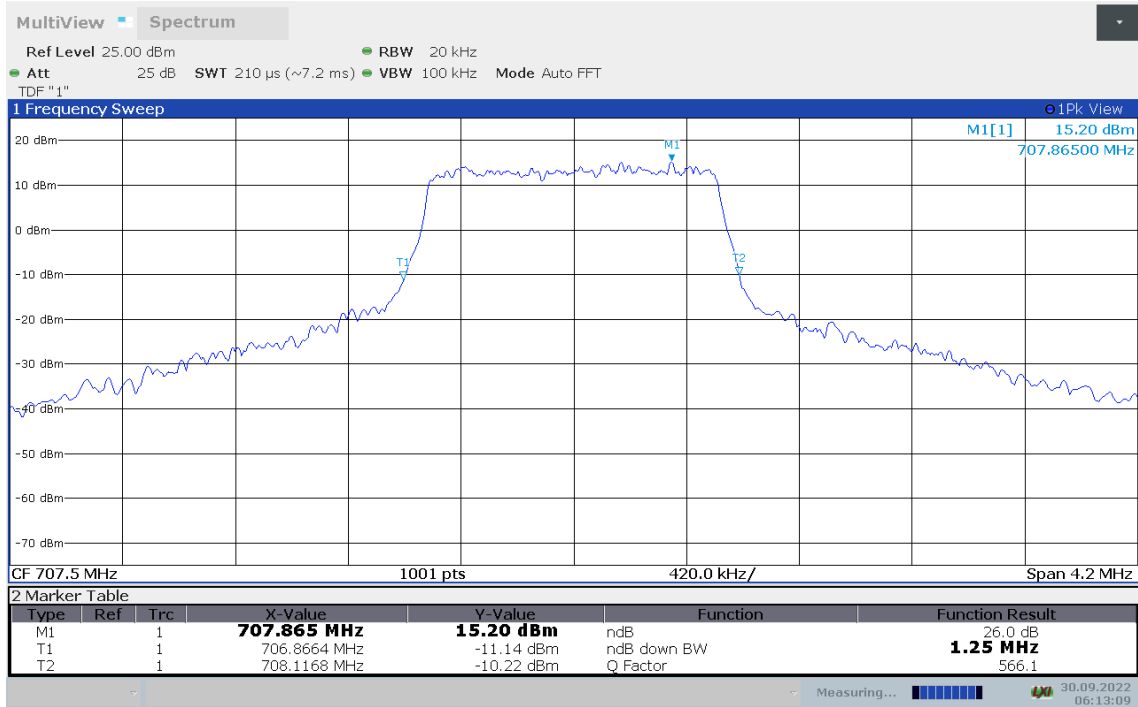




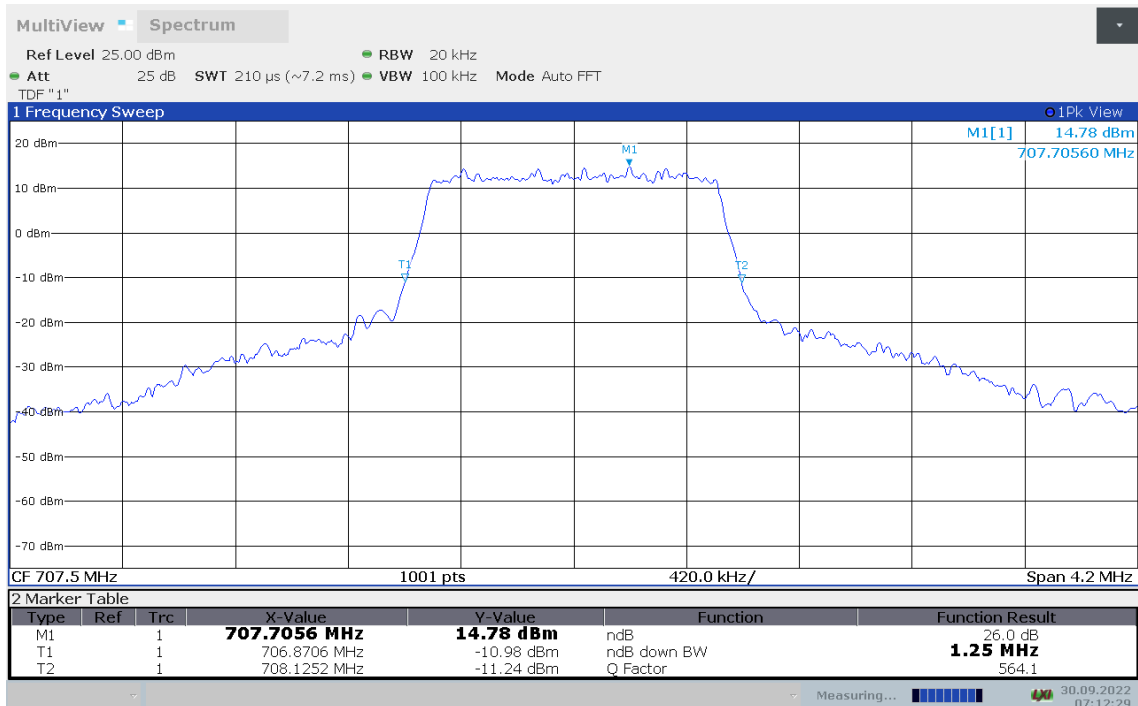
**LTE band 12, 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
707.5	QPSK	16QAM	64QAM
	1.25	1.25	1.26

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

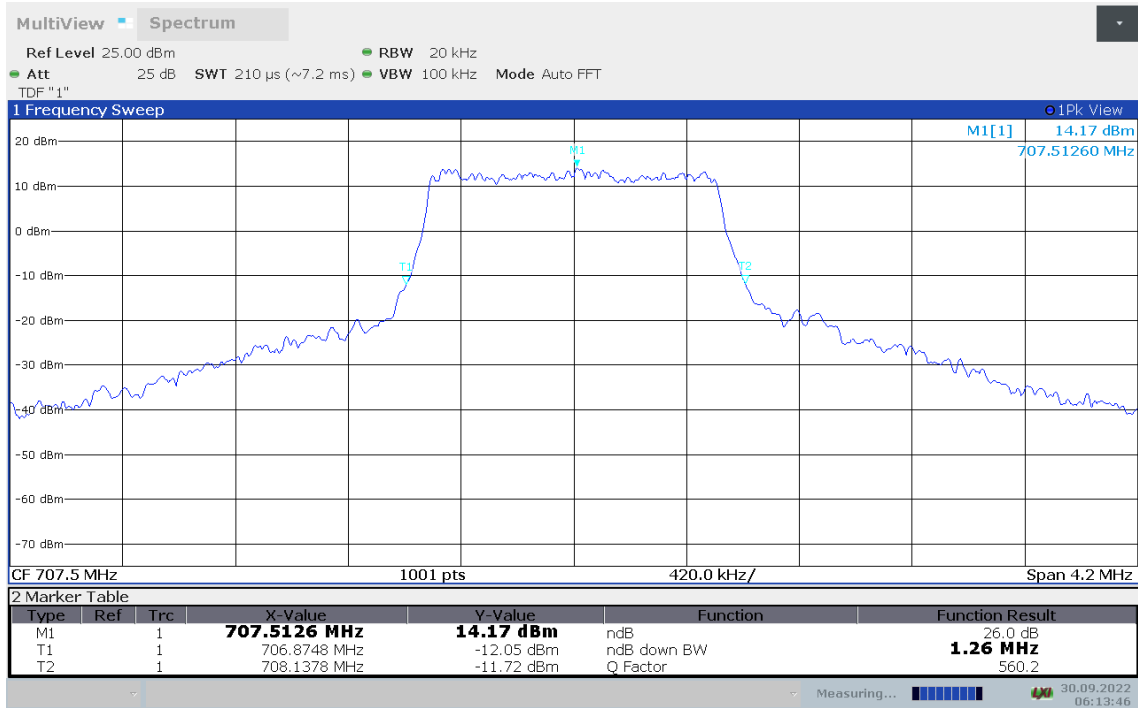


**LTE band 12, 1.4MHz Bandwidth, 16QAM (-26dBc BW)**





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

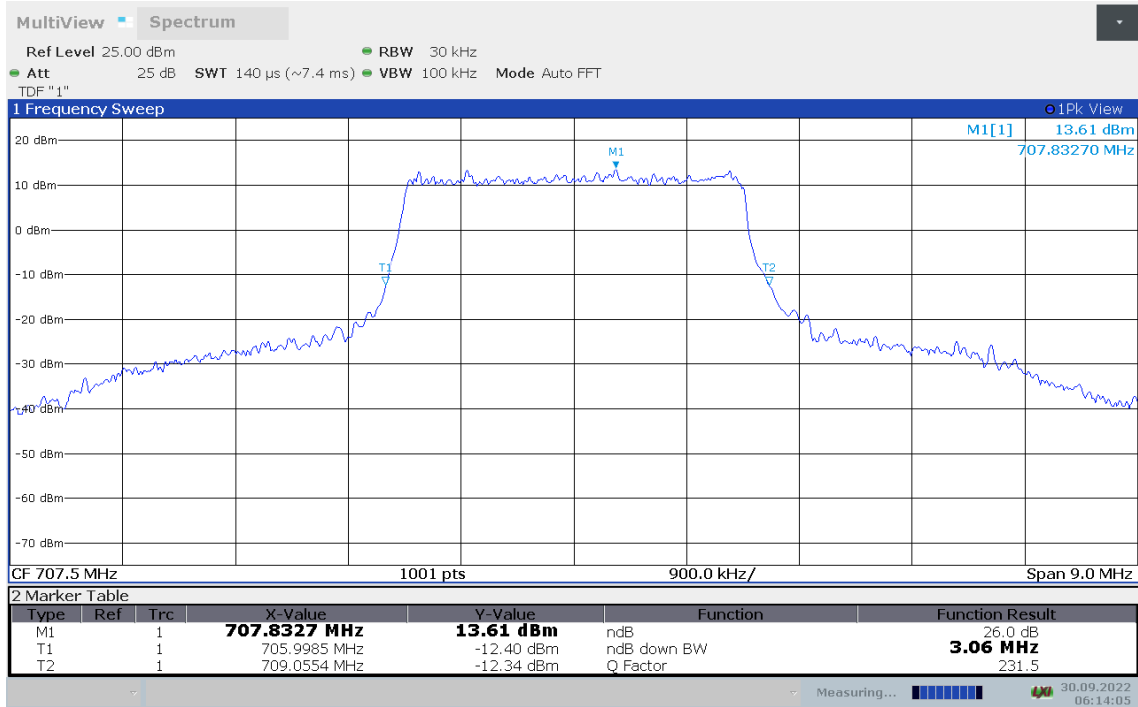




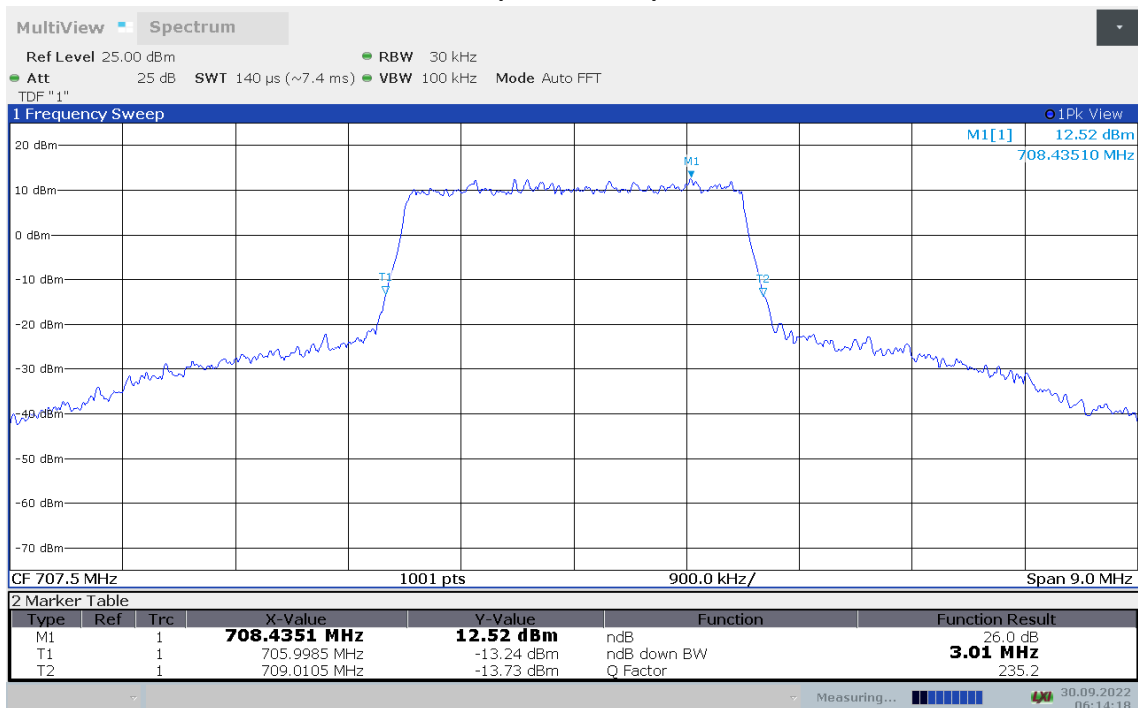
**LTE band 12, 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
707.5	QPSK	16QAM	64QAM
	3.06	3.01	3.02

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

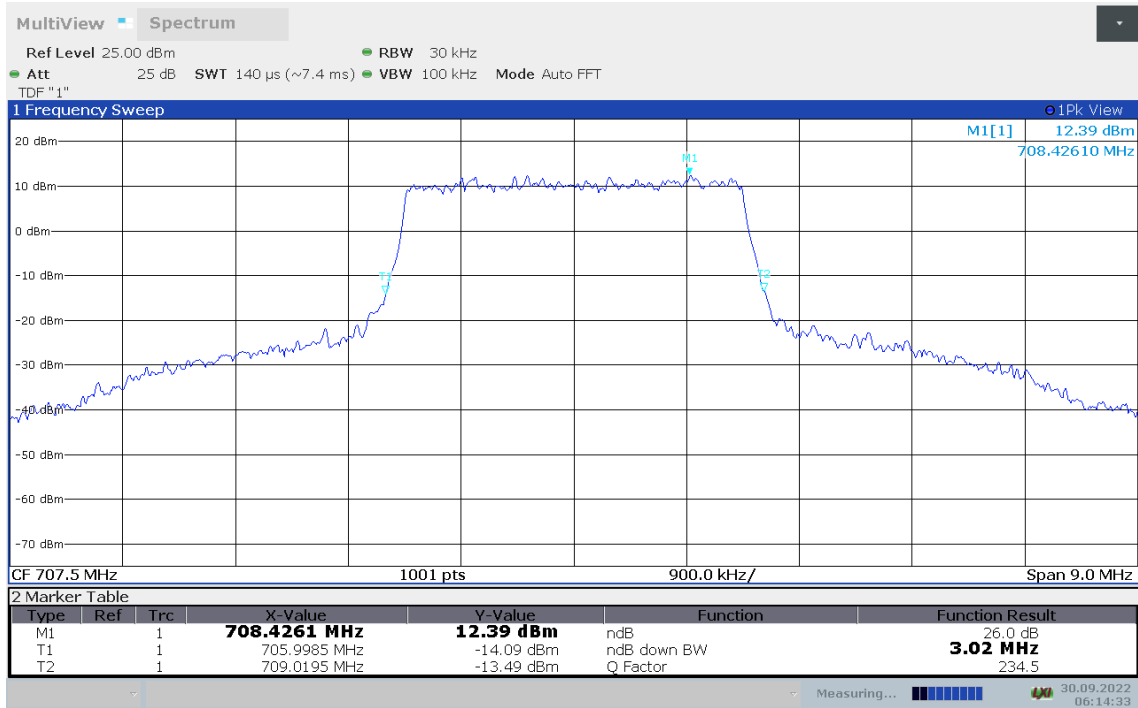


**LTE band 12, 3MHz Bandwidth, 16QAM (-26dBc BW)**





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

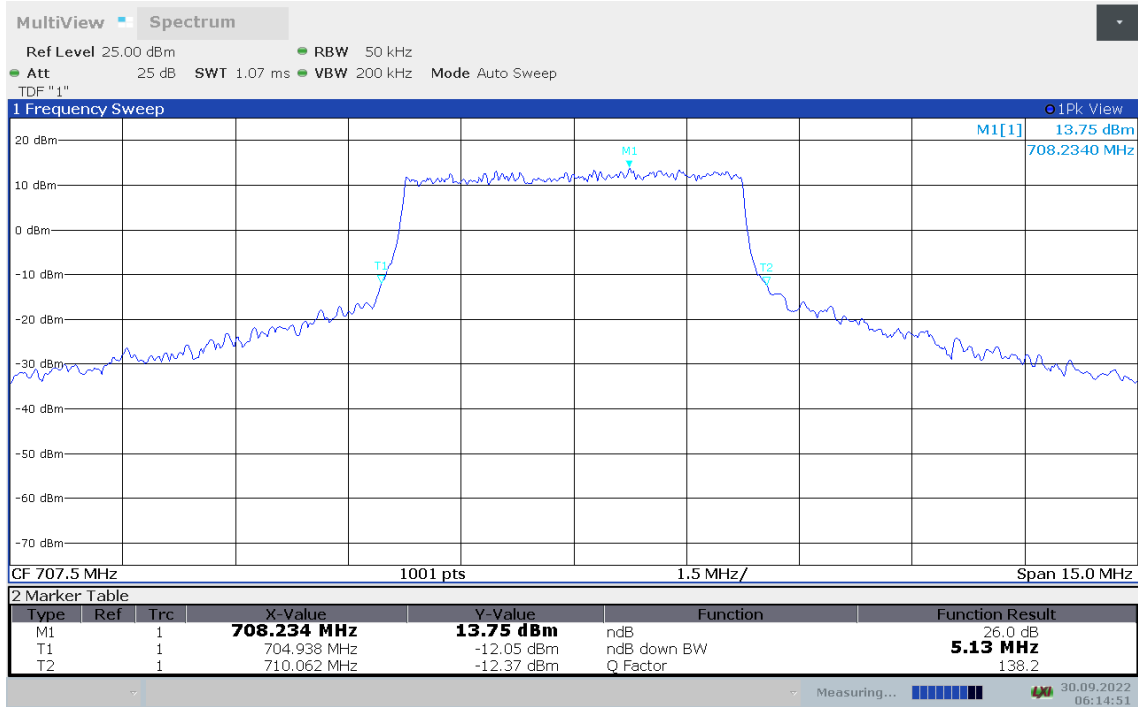




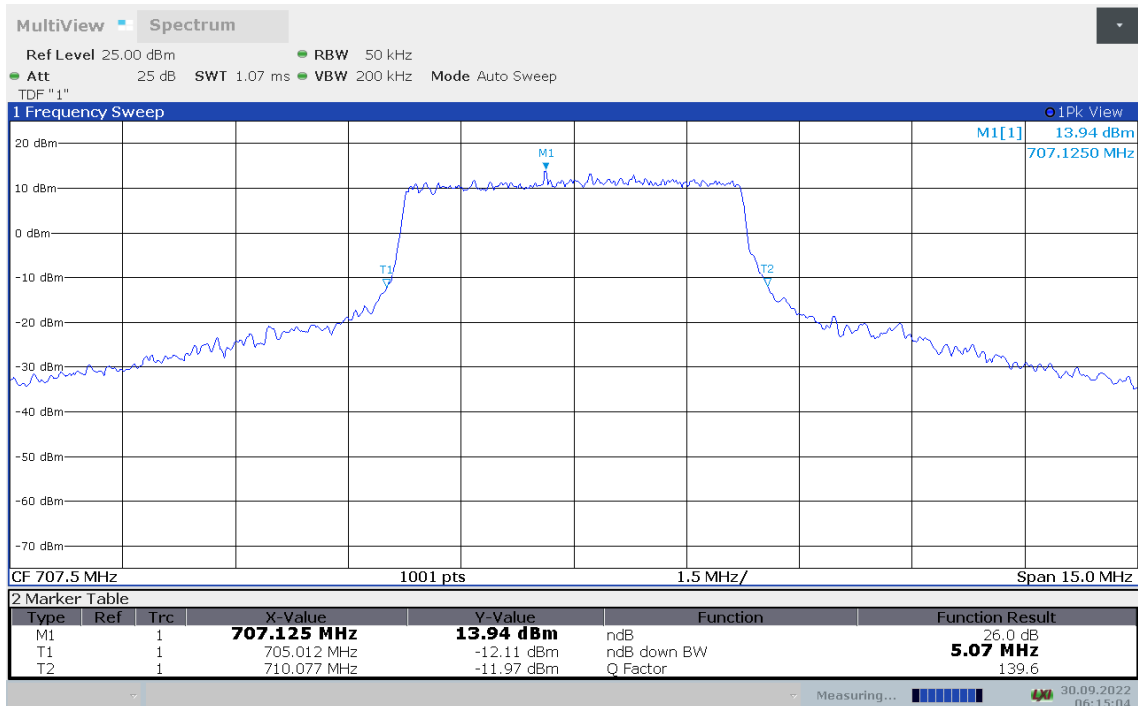
**LTE band 12, 5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
707.5	QPSK	16QAM	64QAM
	5.13	5.07	5.05

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

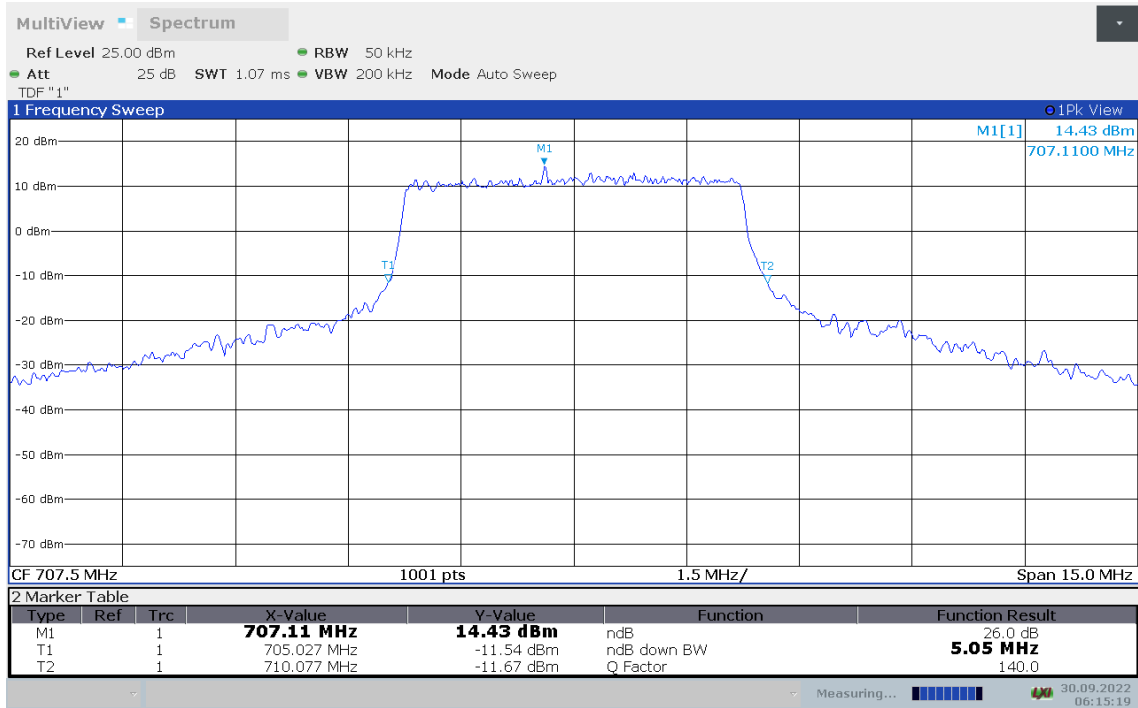


**LTE band 12, 5MHz Bandwidth, 16QAM (-26dBc BW)**





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

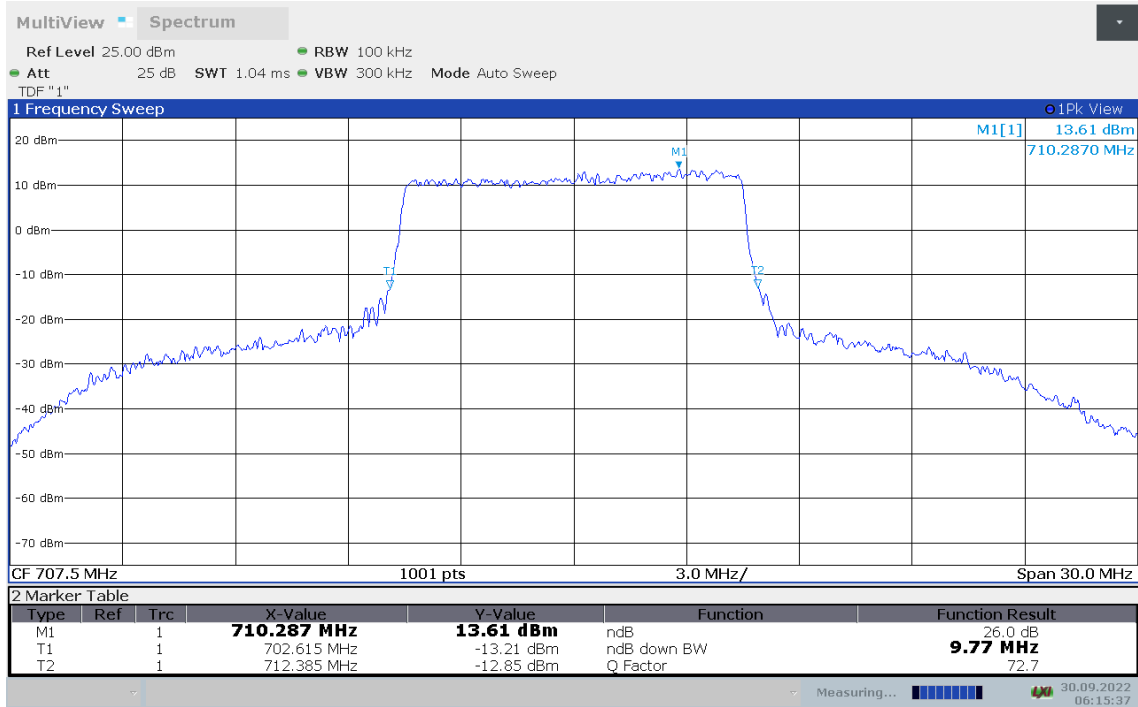




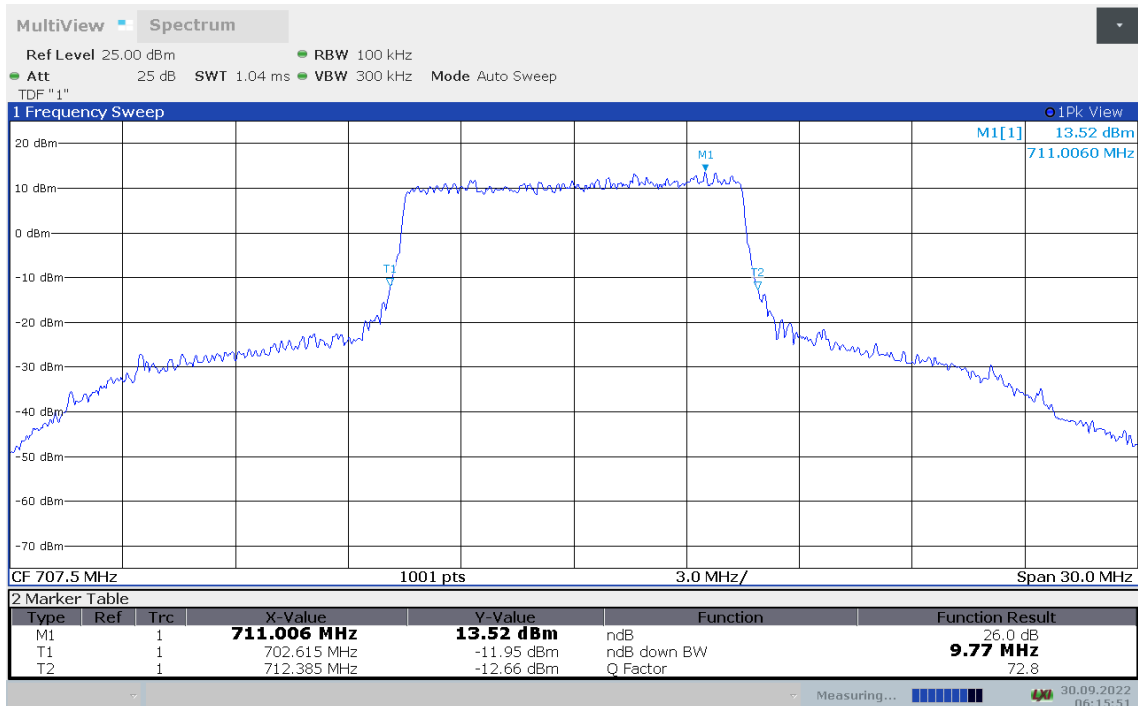
LTE band 12, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
707.5	QPSK	16QAM	64QAM
	9.77	9.77	9.68

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



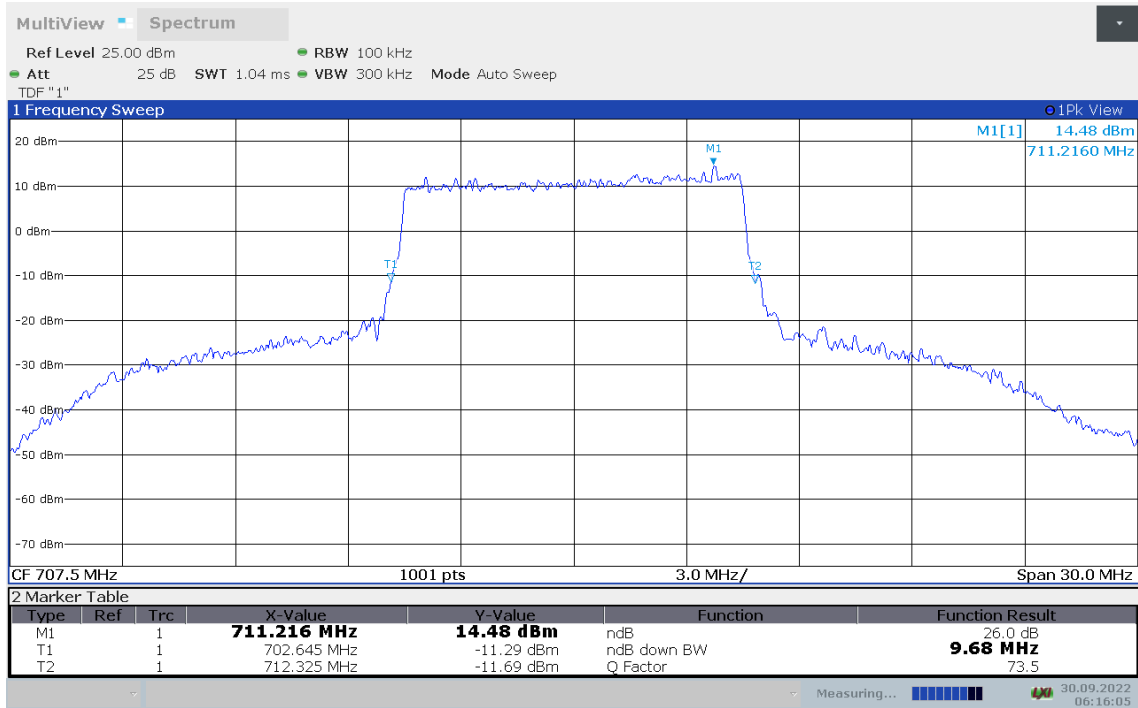
LTE band 12, 10MHz Bandwidth, 16QAM (-26dBc BW)







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

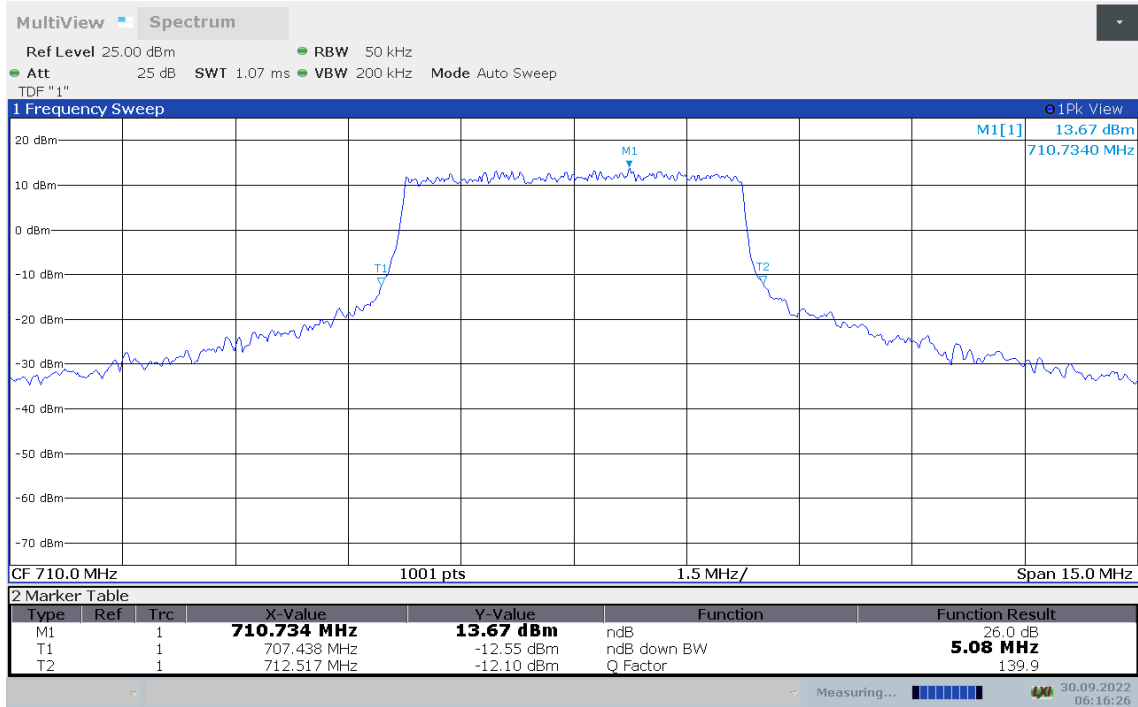




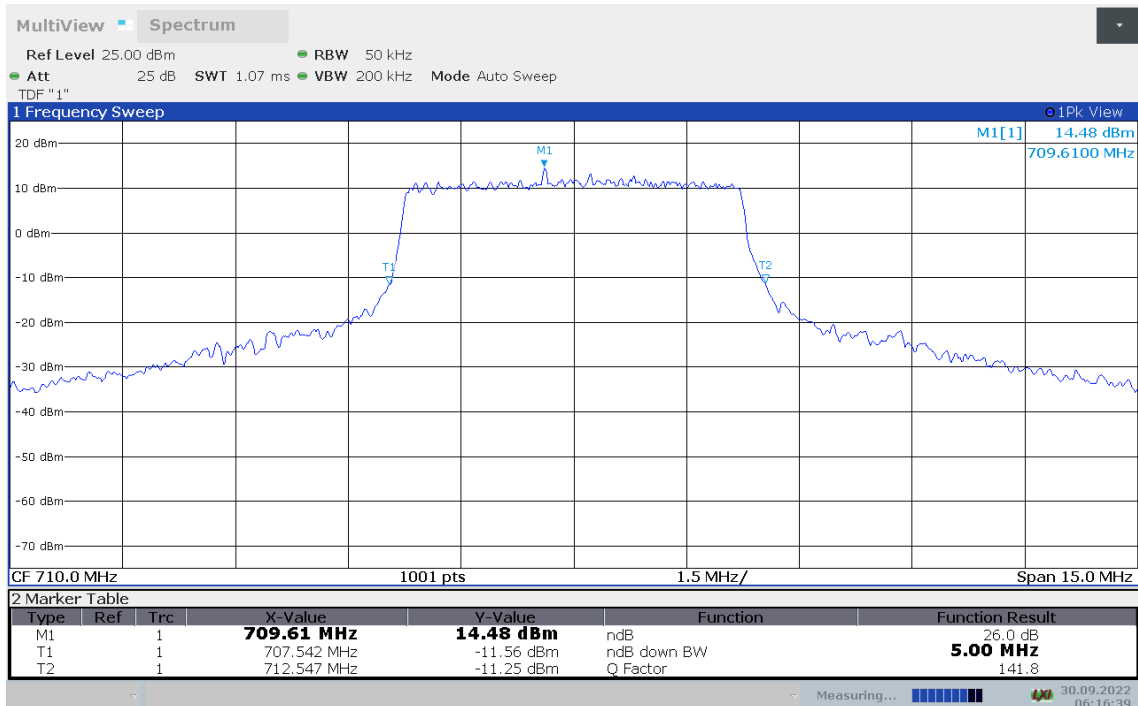
**LTE band 17,5MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
710	QPSK	16QAM	64QAM
	5.08	5.00	4.99

**LTE band 17,5MHz Bandwidth, QPSK (-26dBc BW)**

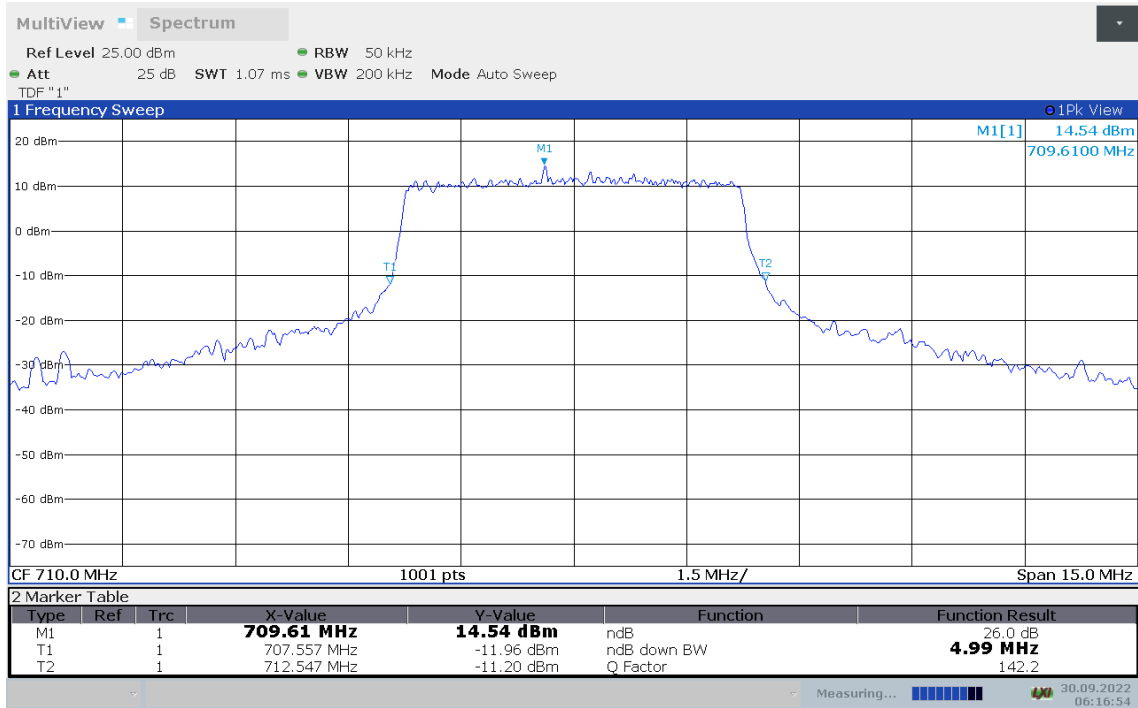


**LTE band 17,5MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 17,5MHz Bandwidth, 64QAM (-26dBc BW)

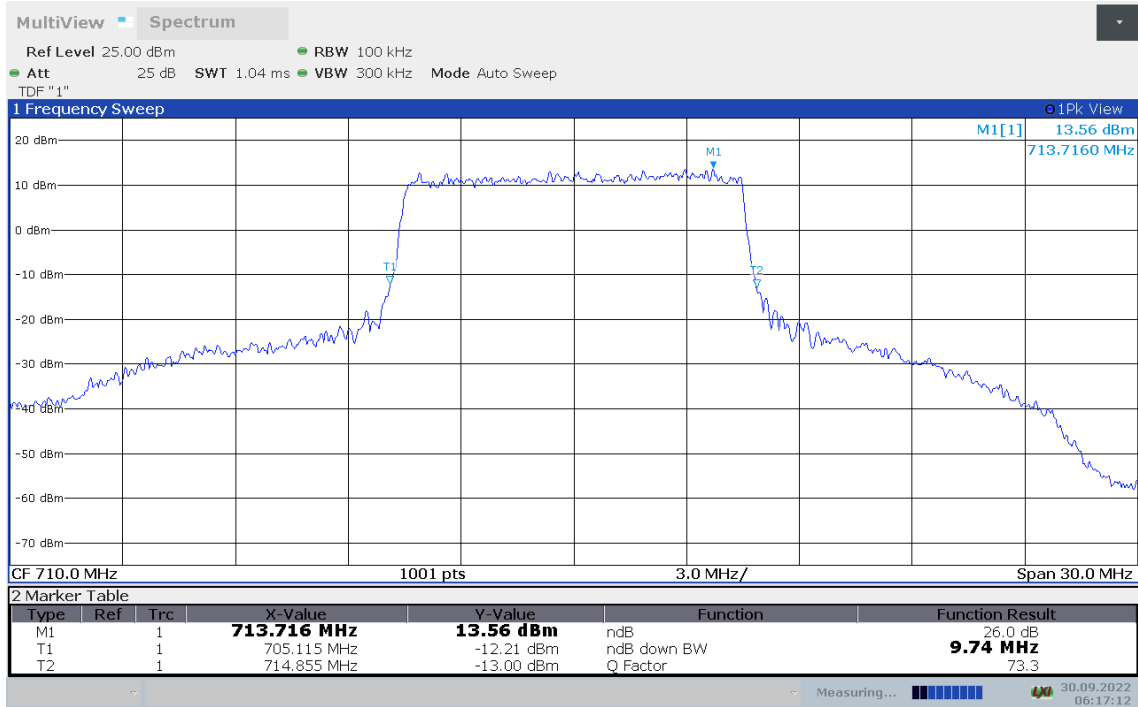




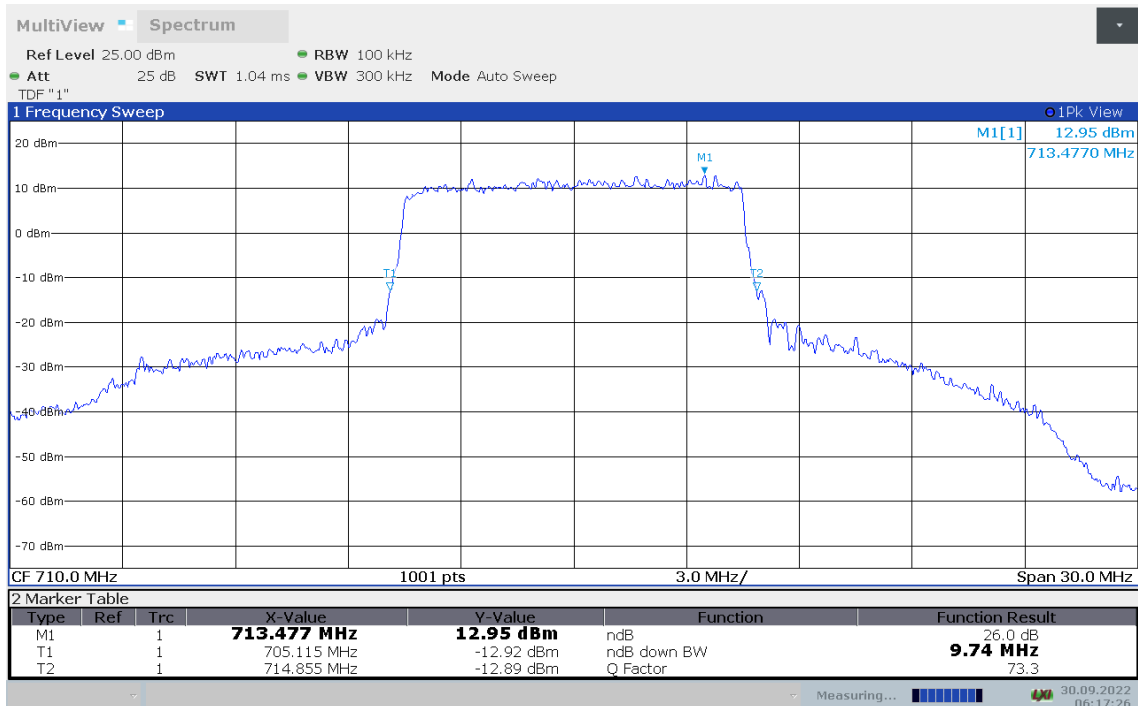
**LTE band 17,10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
710	QPSK	16QAM	64QAM
	9.74	9.74	9.77

**LTE band 17,10MHz Bandwidth, QPSK (-26dBc BW)**

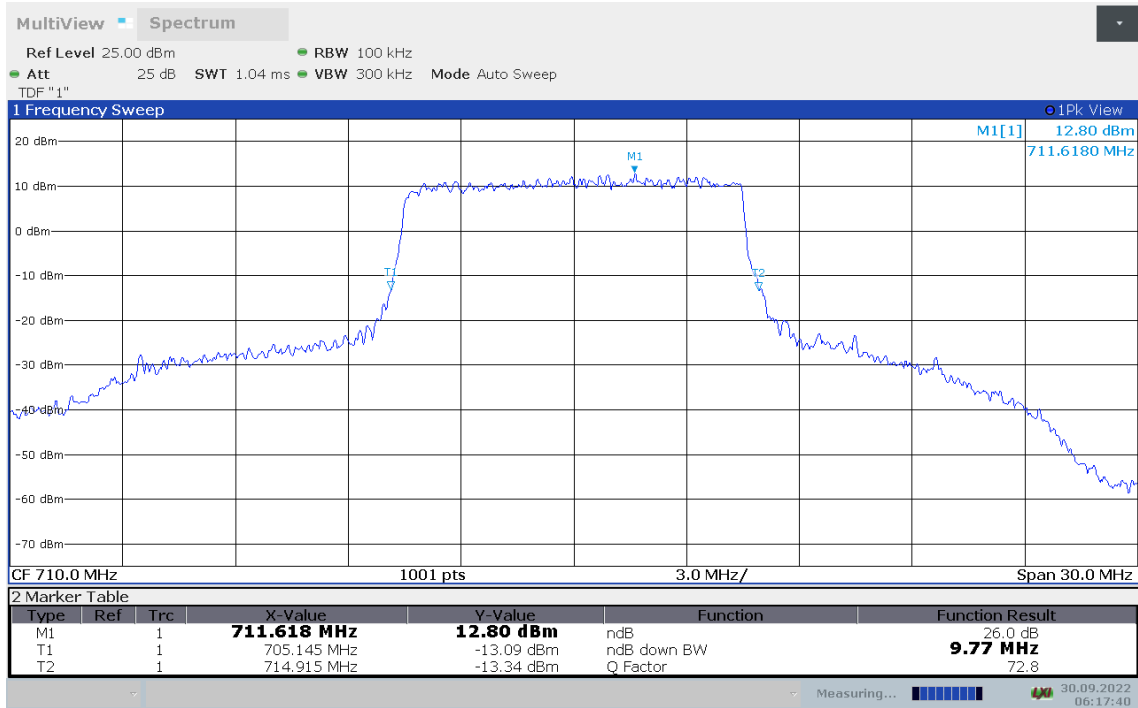


**LTE band 17,10MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 17,10MHz Bandwidth, 64QAM (-26dBc BW)

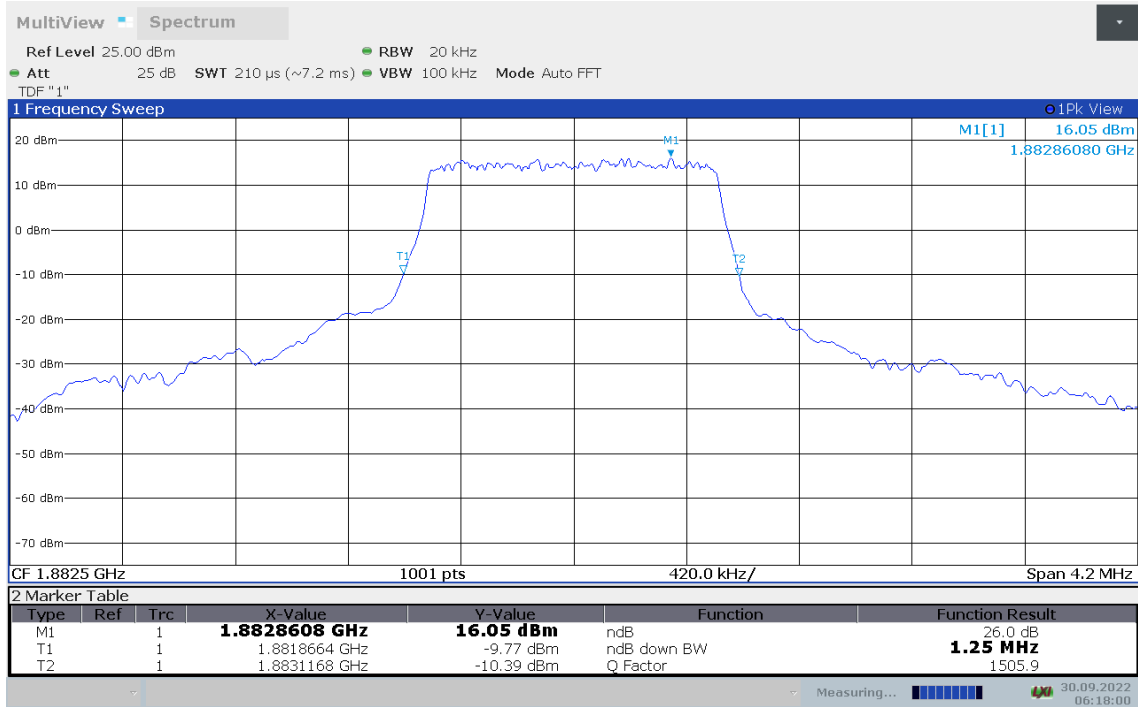




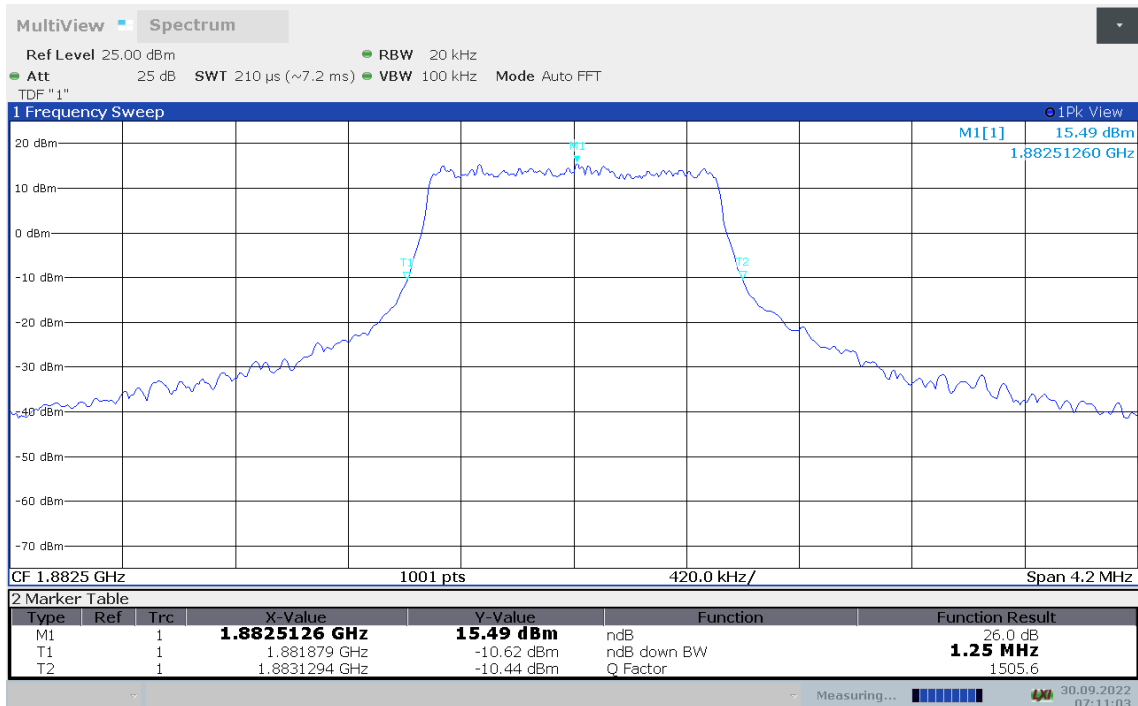
**LTE band 25,1.4MHz (-26dBc BW)**

Frequency(MHz)	Occupied Bandwidth (-26dBc BW)(MHz)		
1882.5	QPSK	16QAM	64QAM
	1.25	1.25	1.25

**LTE band 25,1.4MHz Bandwidth, QPSK (-26dBc BW)**

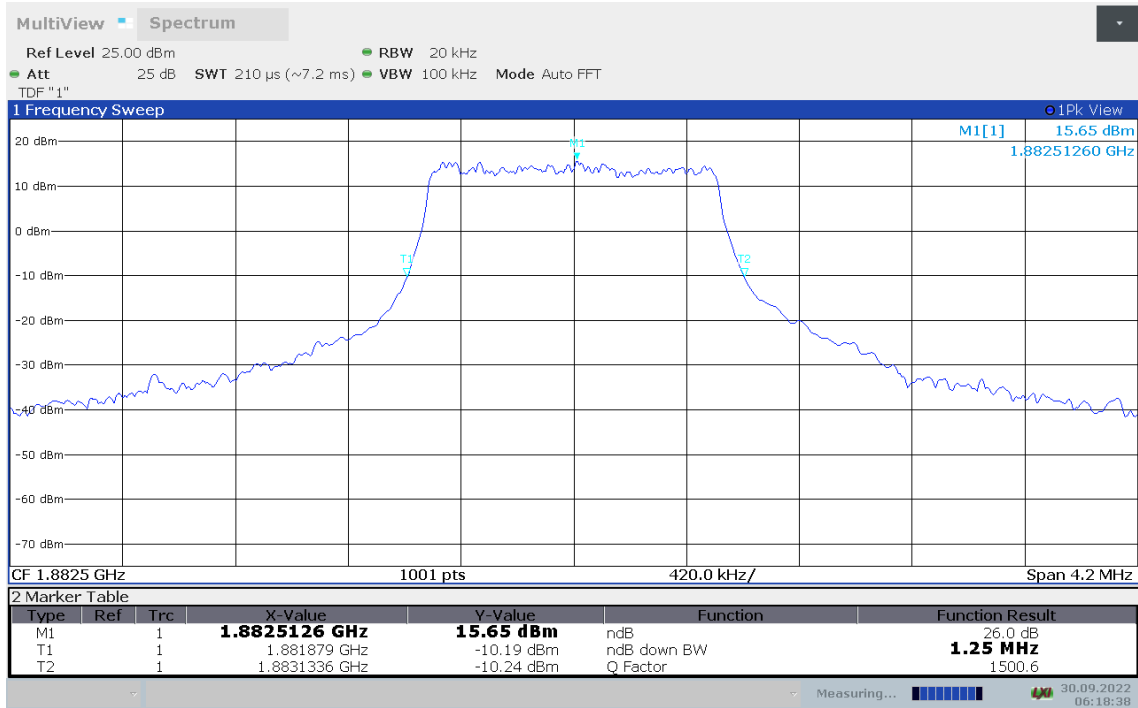


**LTE band 25,1.4MHz Bandwidth, 16QAM (-26dBc BW)**





### LTE band 25,1.4MHz Bandwidth, 64QAM (-26dBc BW)

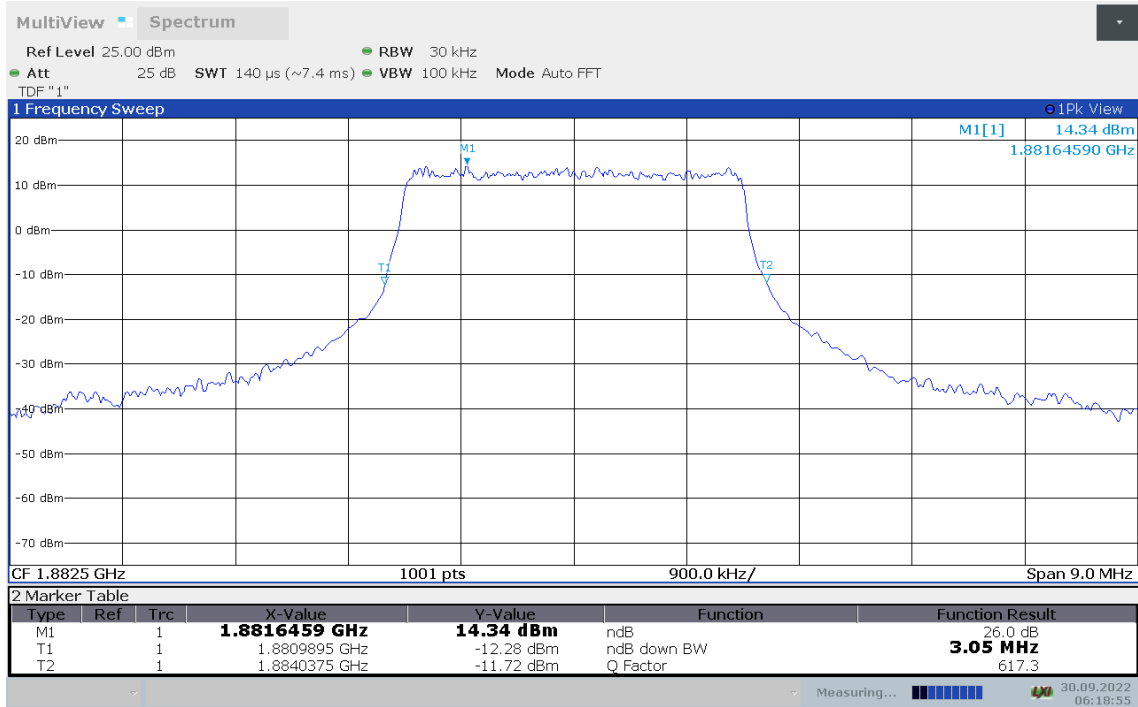




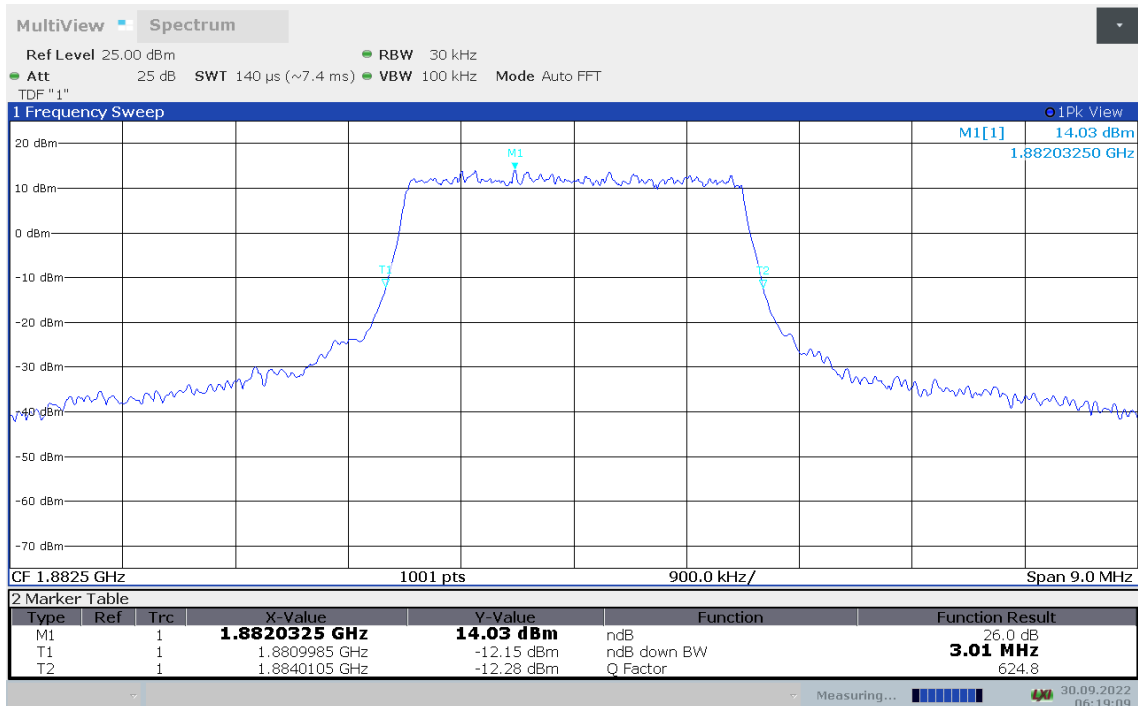
**LTE band 25,3MHz (-26dBc BW)**

Frequency(MHz)	Occupied Bandwidth (-26dBc BW)(MHz)		
	QPSK	16QAM	64QAM
1882.5	3.05	3.01	3.00

**LTE band 25,3MHz Bandwidth, QPSK (-26dBc BW)**



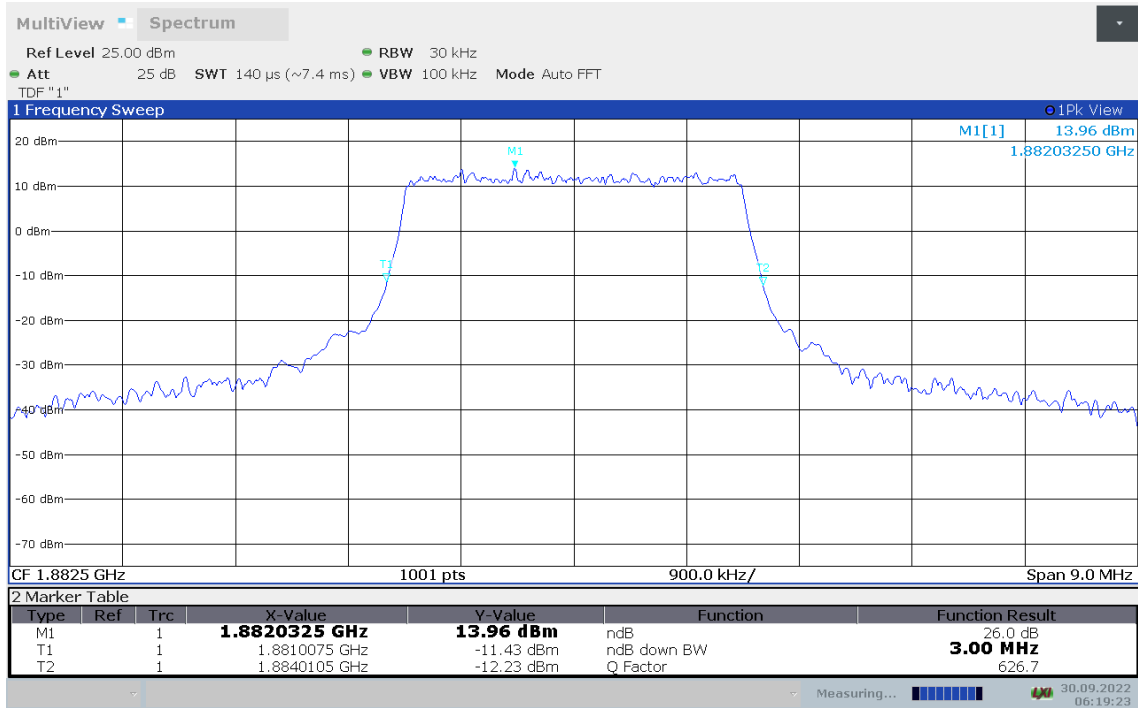
**LTE band 25,3MHz Bandwidth, 16QAM (-26dBc BW)**







### LTE band 25,3MHz Bandwidth, 64QAM (-26dBc BW)

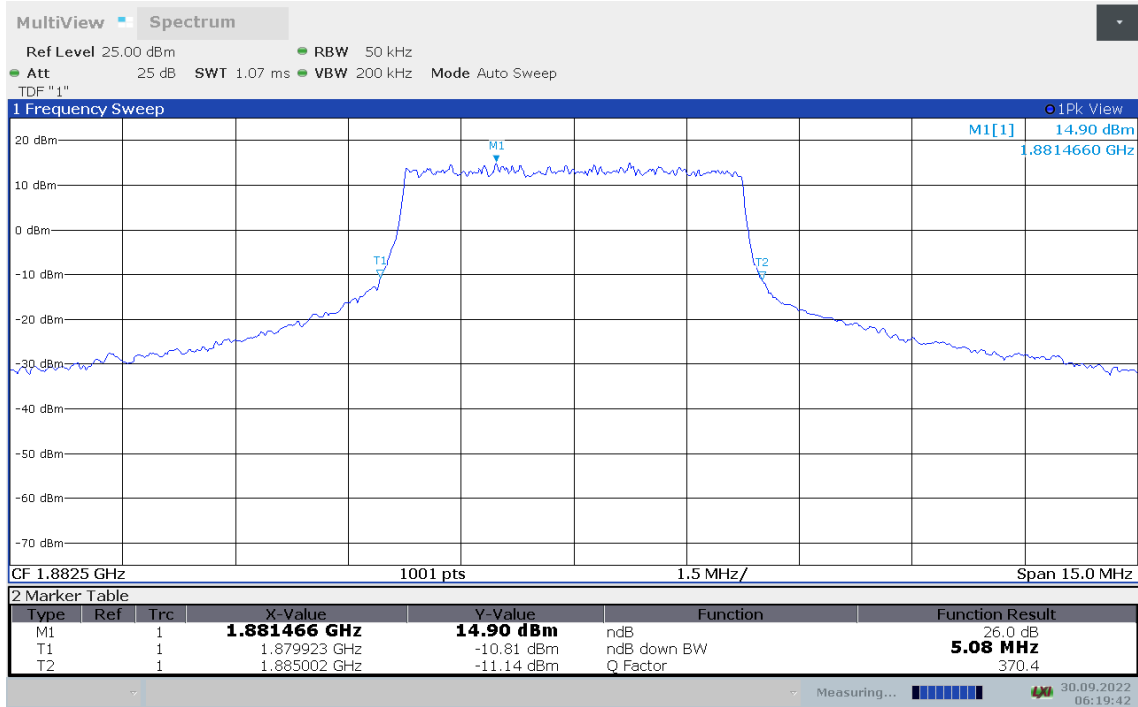




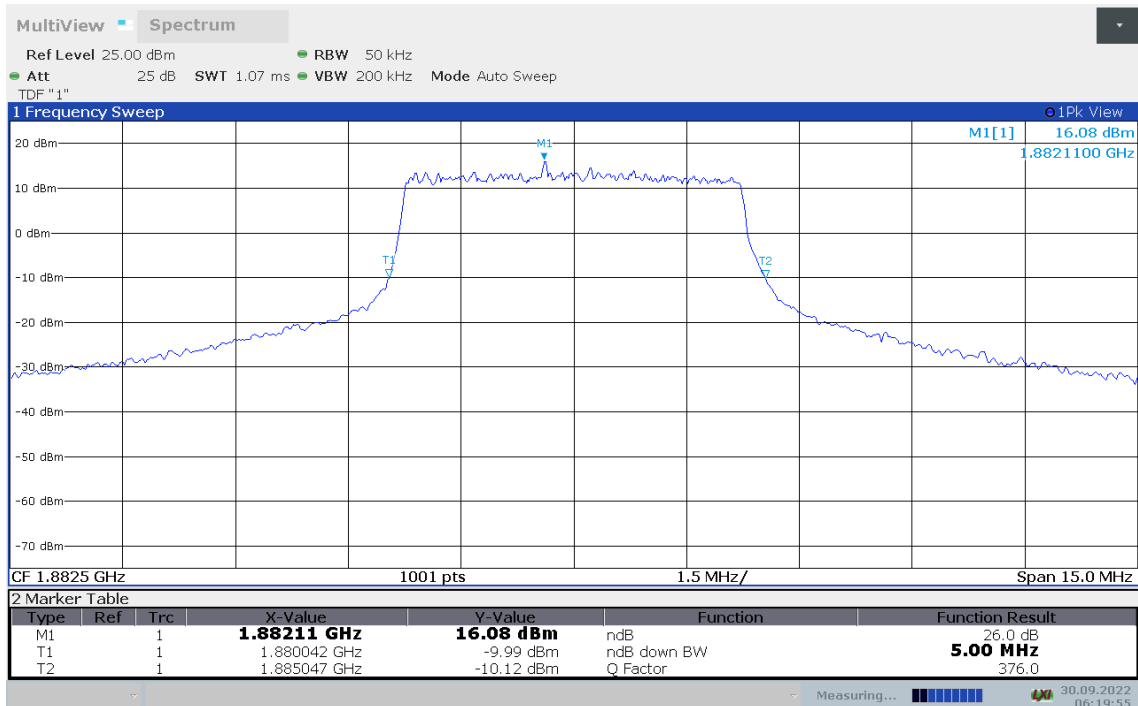
**LTE band 25,5MHz (-26dBc BW)**

Frequency(MHz)	Occupied Bandwidth (-26dBc BW)(MHz)		
1882.5	QPSK	16QAM	64QAM
	5.08	5.00	5.00

**LTE band 25,5MHz Bandwidth, QPSK (-26dBc BW)**

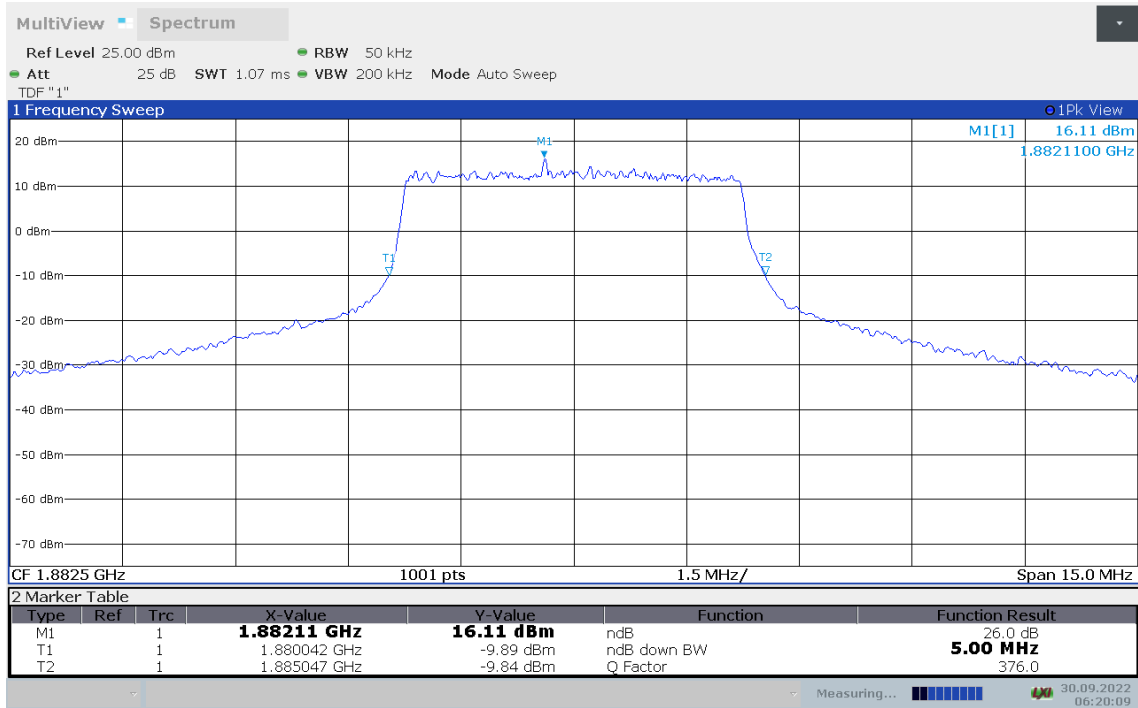


**LTE band 25,5MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 25,5MHz Bandwidth, 64QAM (-26dBc BW)

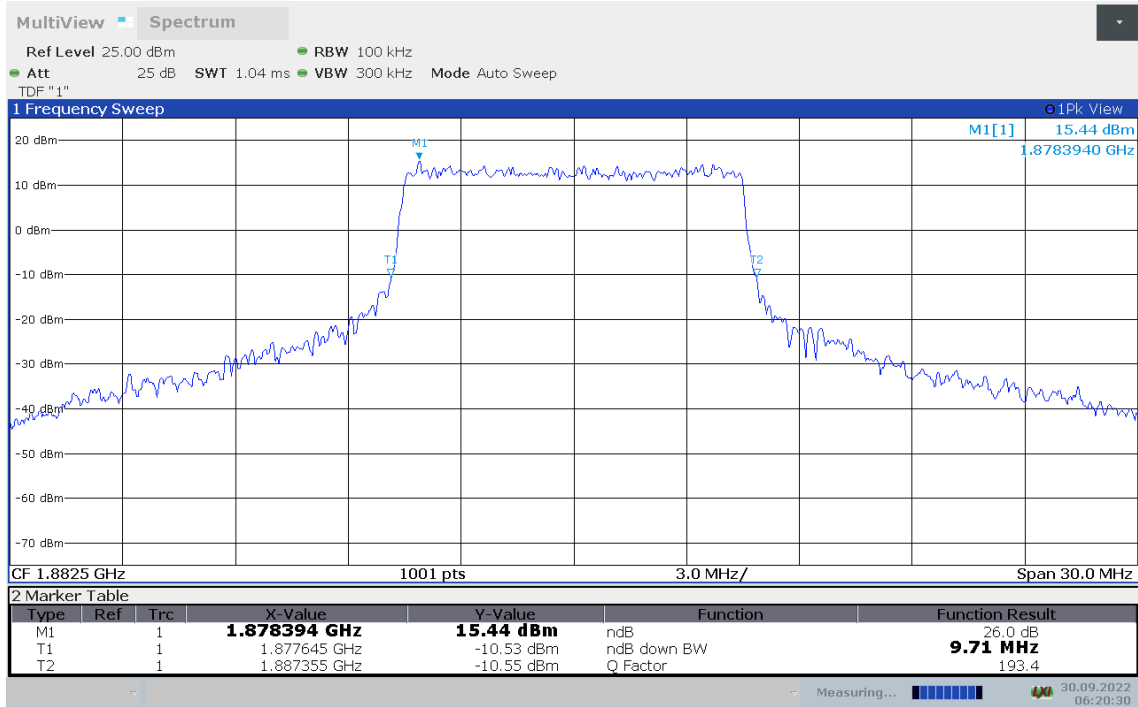




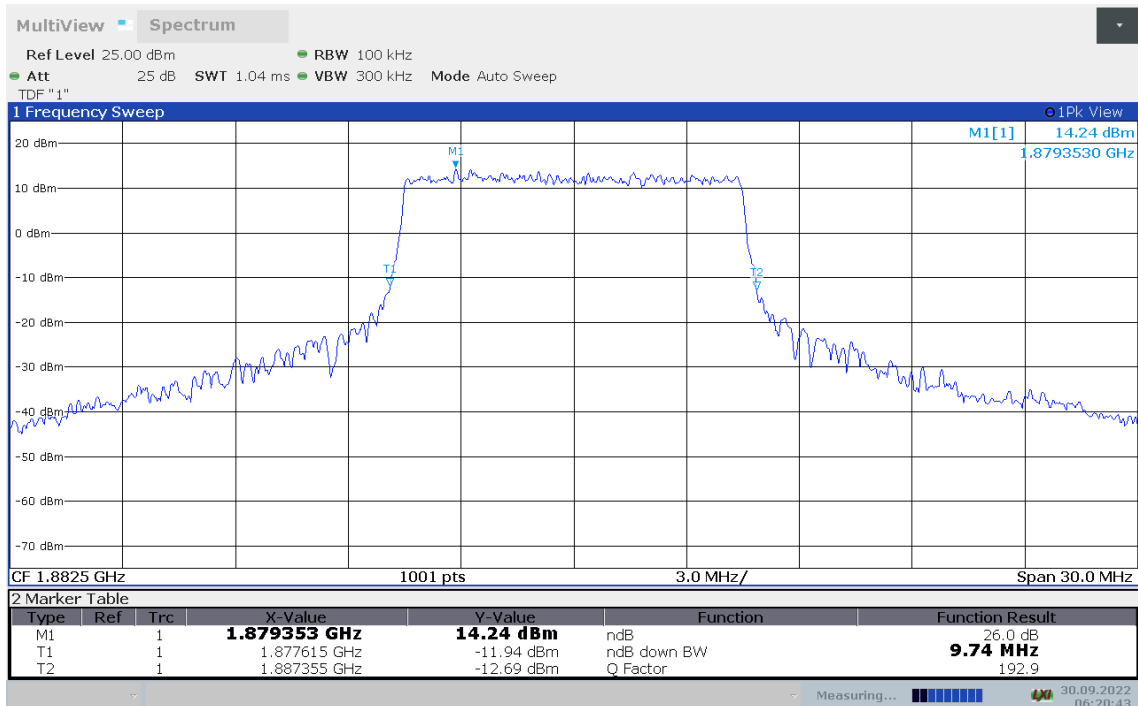
**LTE band 25,10MHz (-26dBc BW)**

Frequency(MHz)	Occupied Bandwidth (-26dBc BW)(MHz)		
1882.5	QPSK	16QAM	64QAM
	9.71	9.74	9.83

**LTE band 25,10MHz Bandwidth, QPSK (-26dBc BW)**

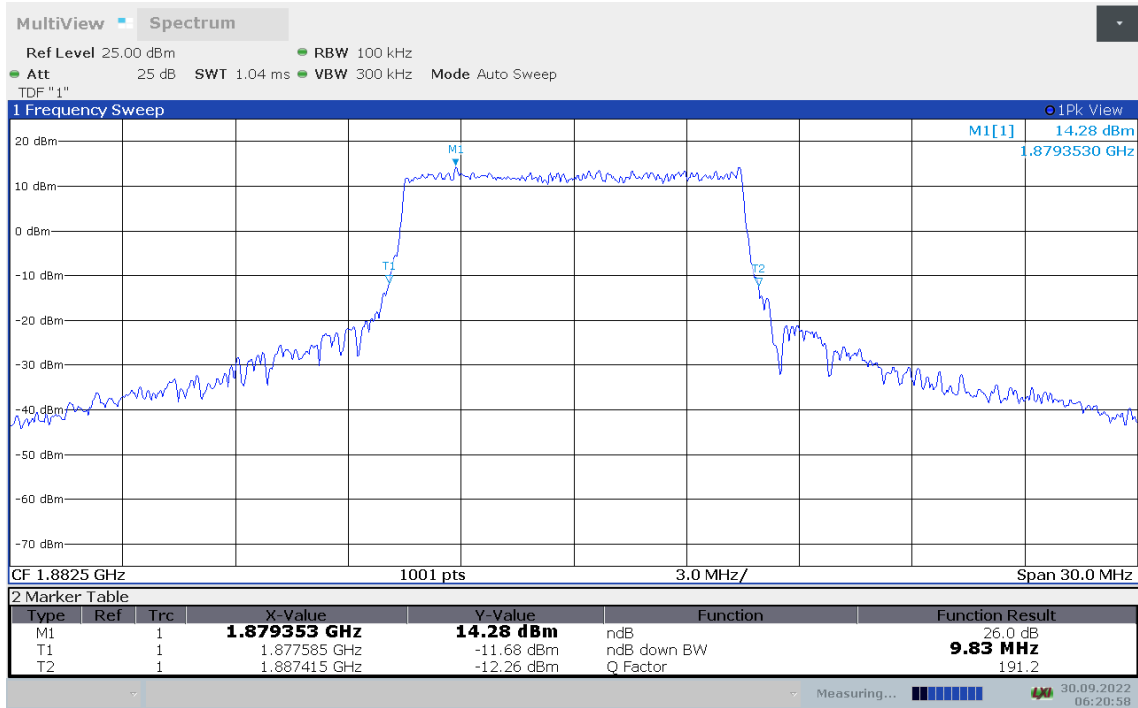


**LTE band 25,10MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 25,10MHz Bandwidth, 64QAM (-26dBc BW)

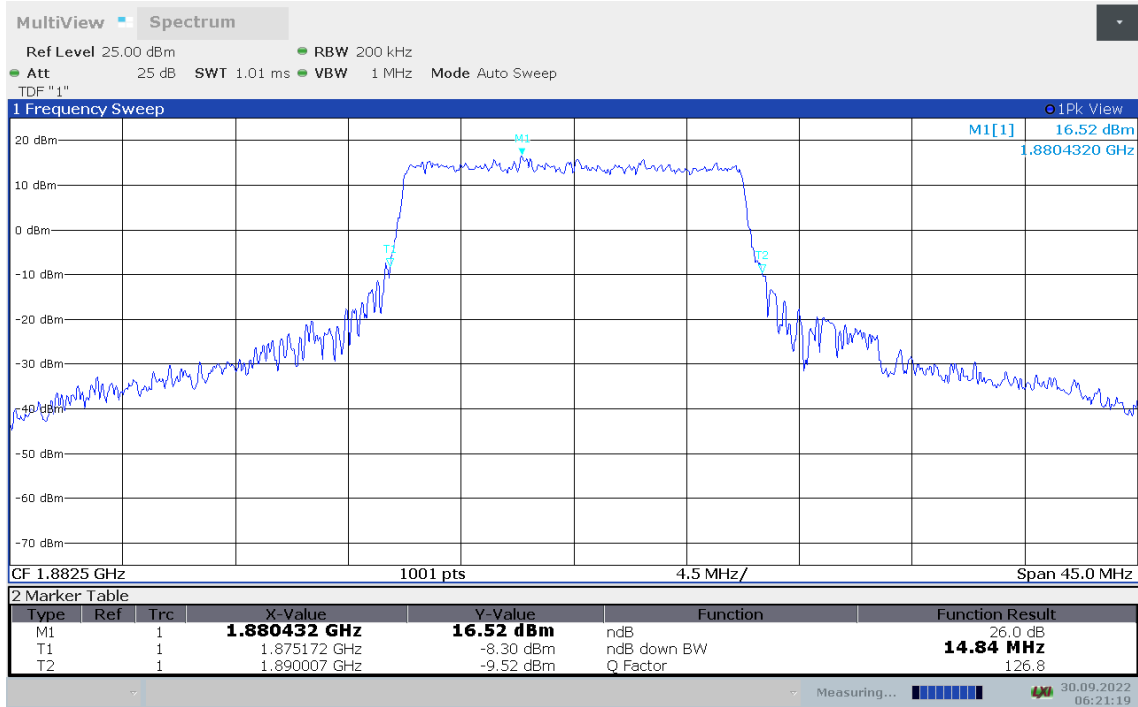




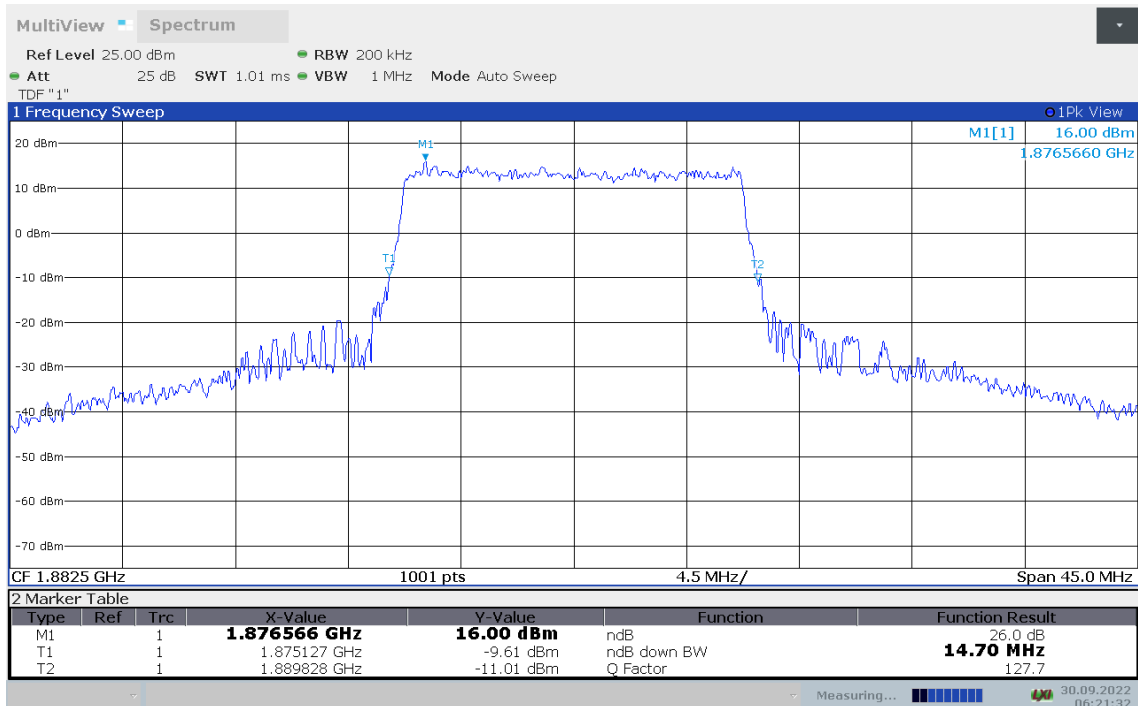
**LTE band 25,15MHz (-26dBc BW)**

Frequency(MHz)	Occupied Bandwidth (-26dBc BW)(MHz)		
1882.5	QPSK	16QAM	64QAM
	14.84	14.70	14.79

**LTE band 25,15MHz Bandwidth, QPSK (-26dBc BW)**

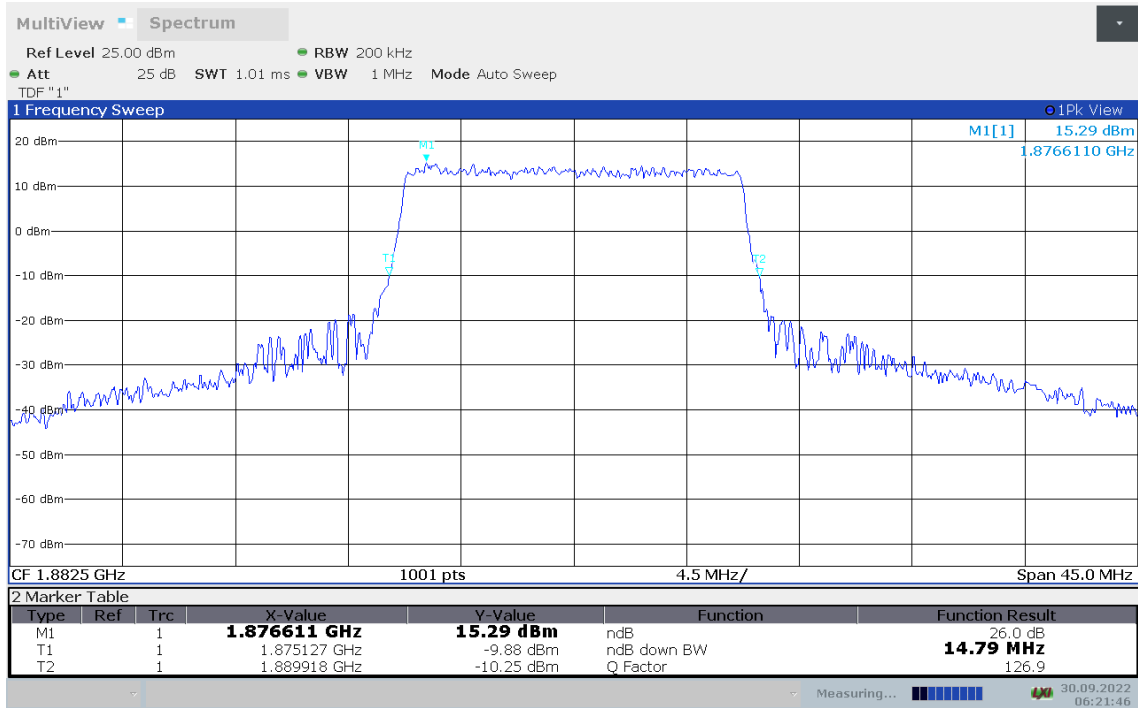


**LTE band 25,15MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 25,15MHz Bandwidth, 64QAM (-26dBc BW)

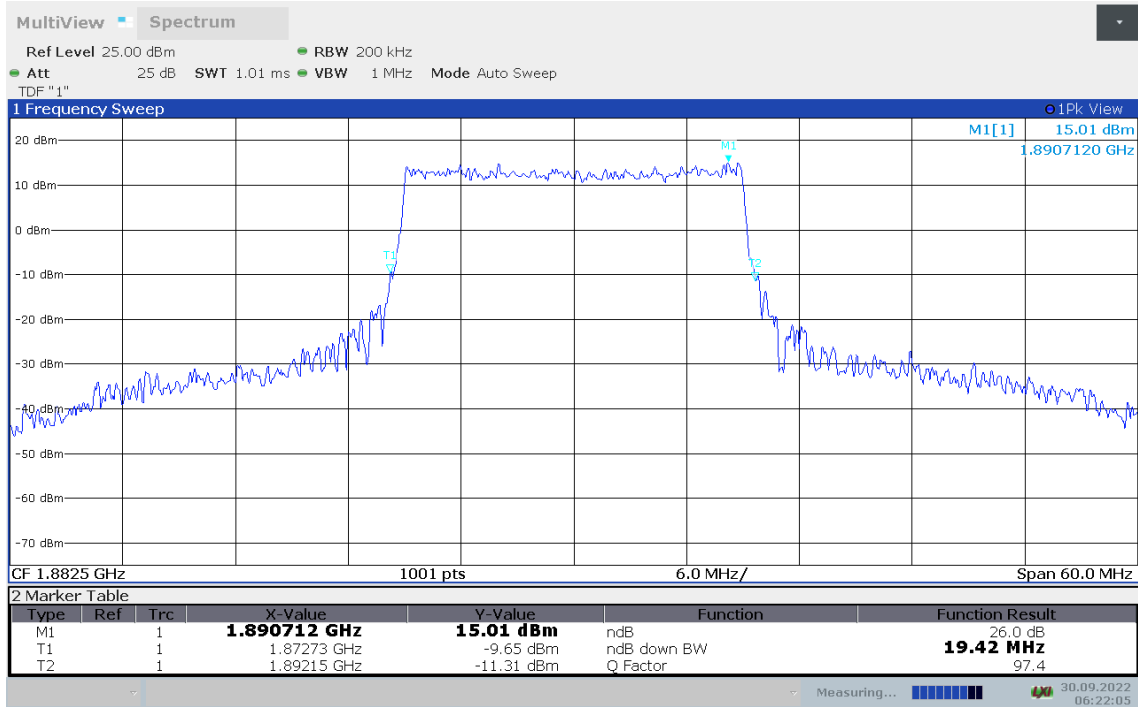




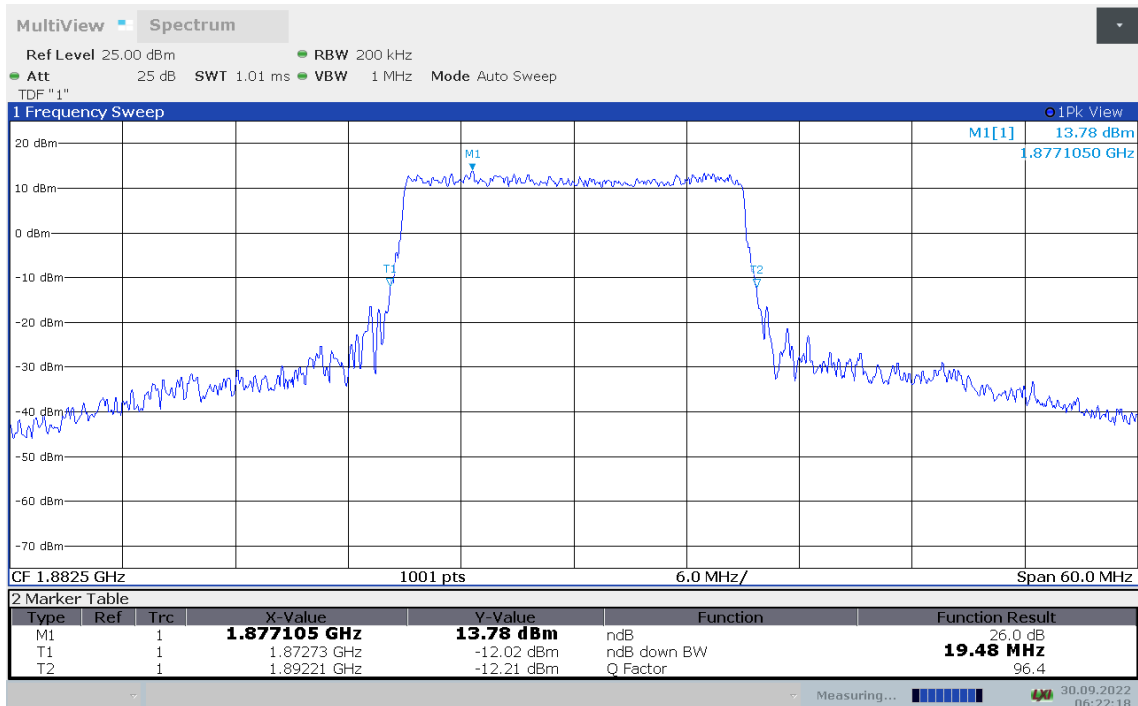
**LTE band 25,20MHz (-26dBc BW)**

Frequency(MHz)	Occupied Bandwidth (-26dBc BW)(MHz)		
1882.5	QPSK	16QAM	64QAM
	19.42	19.48	19.30

**LTE band 25,20MHz Bandwidth, QPSK (-26dBc BW)**



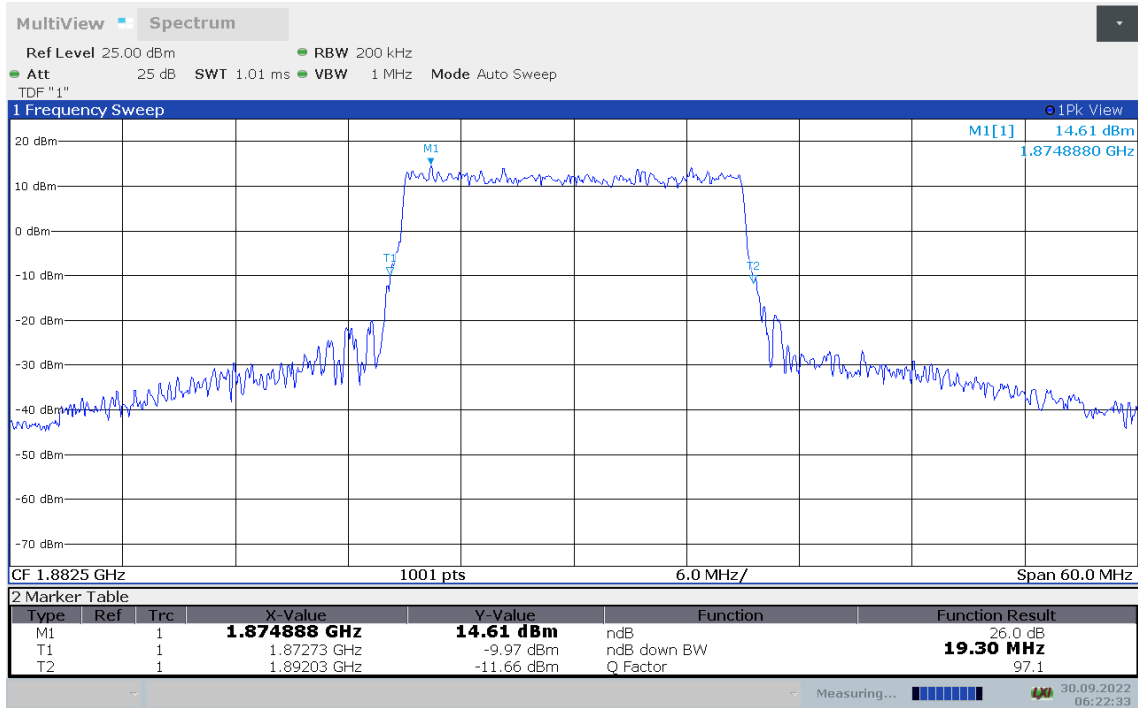
**LTE band 25,20MHz Bandwidth, 16QAM (-26dBc BW)**







### LTE band 25,20MHz Bandwidth, 64QAM (-26dBc BW)

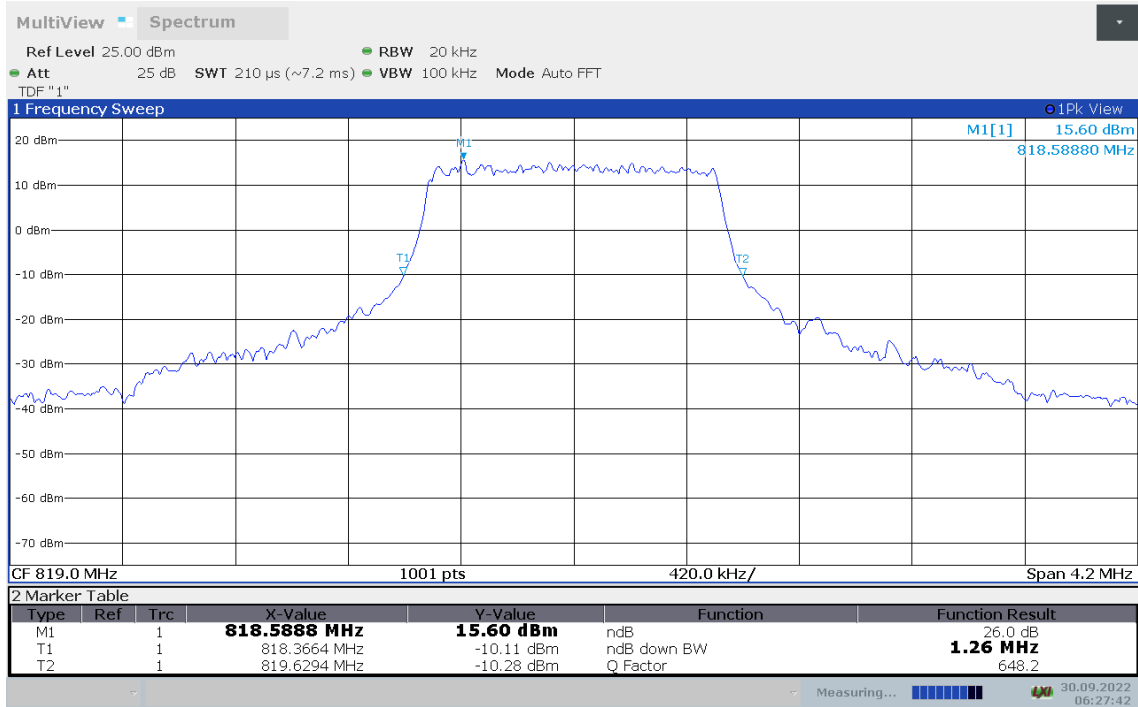




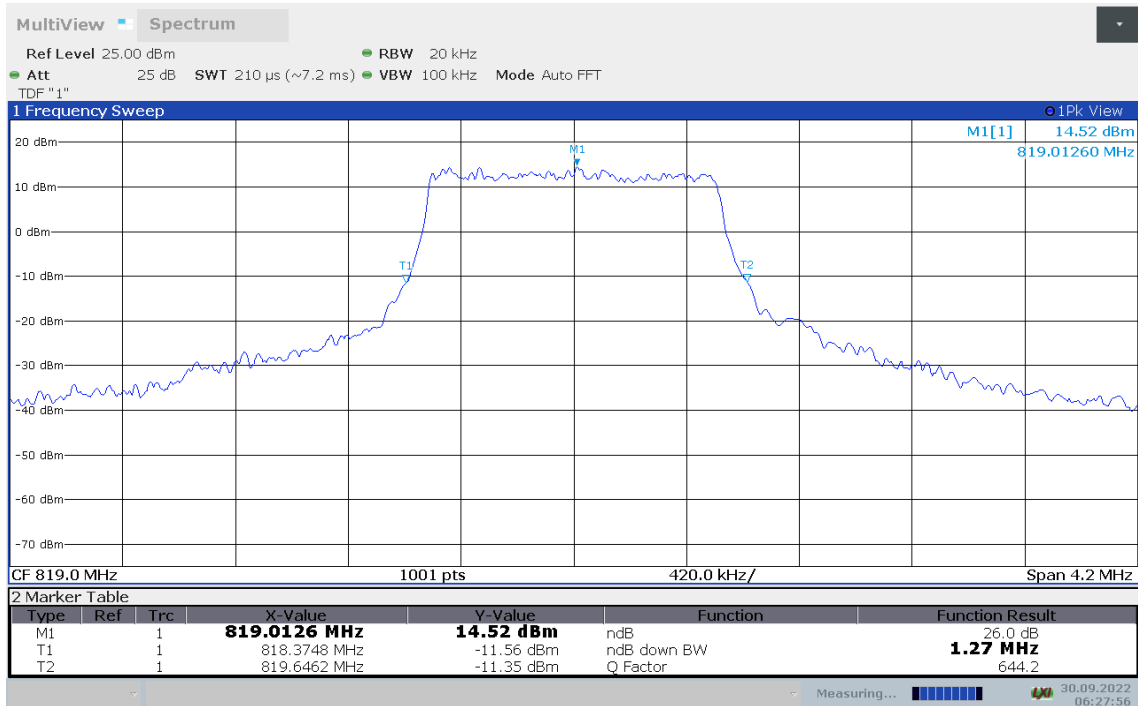
**LTE band 26(814MHz-824MHz), 1.4MHz (-26dBc BW)**

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

**LTE band 26(814MHz-824MHz), 1.4MHz Bandwidth, QPSK (-26dBc BW)**

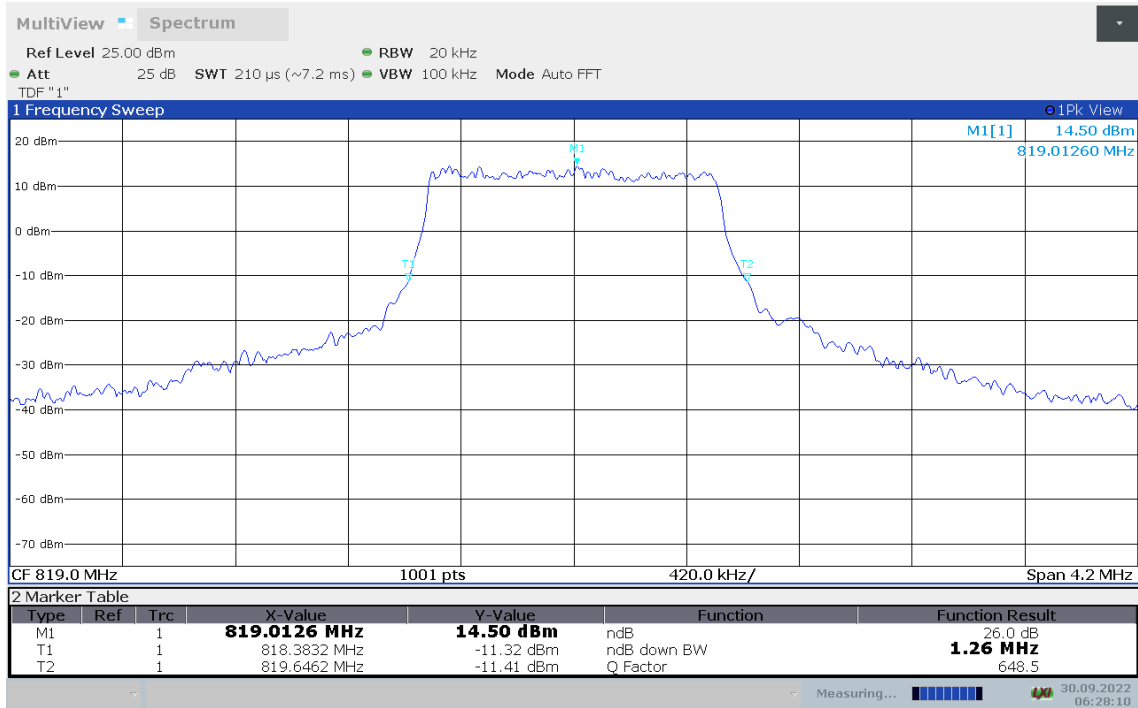


**LTE band 26(814MHz-824MHz), 1.4MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 26(814MHz-824MHz), 1.4MHz Bandwidth, 64QAM (-26dBc BW)

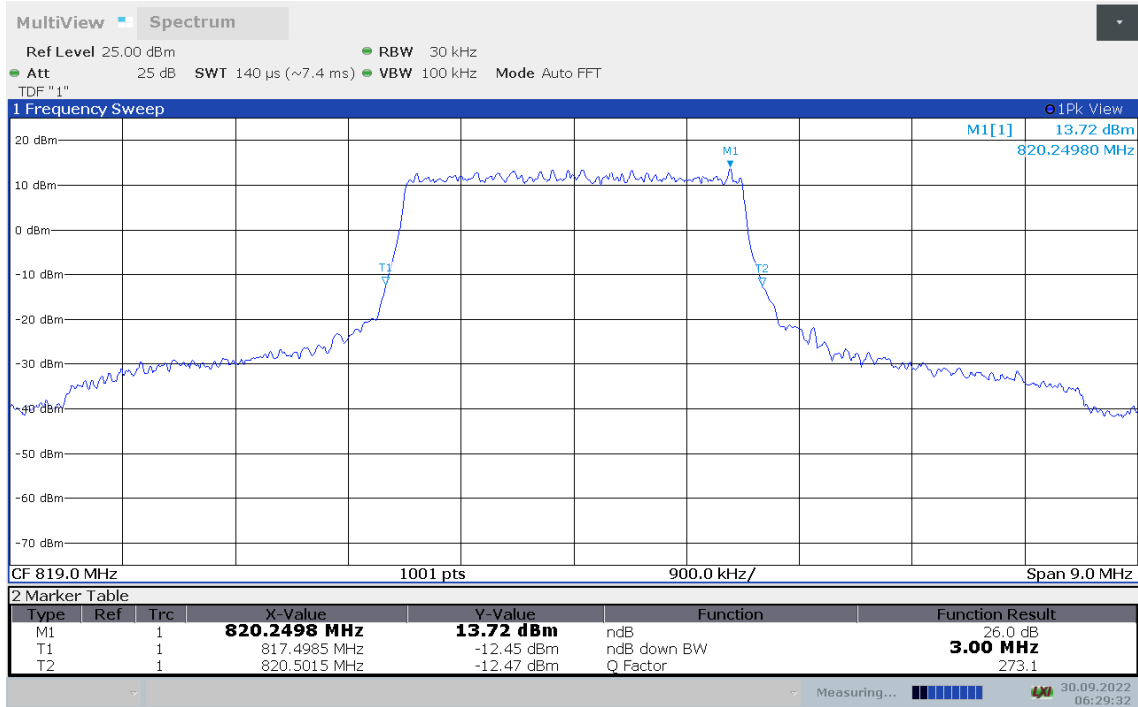




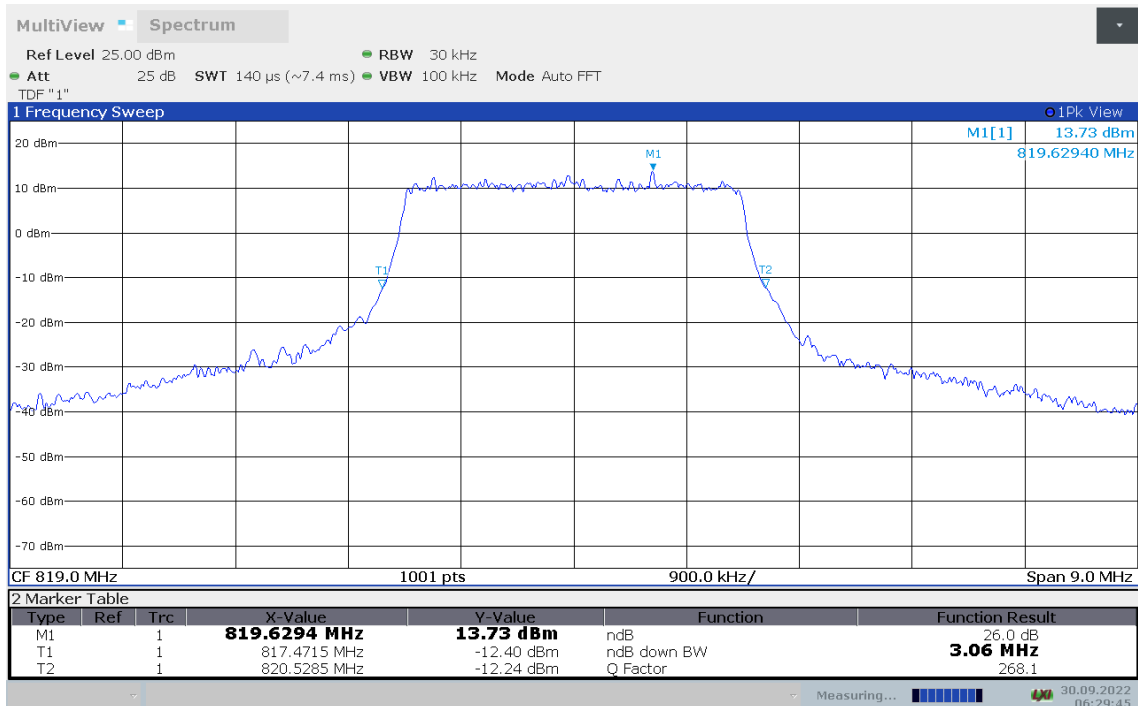
**LTE band 26(814MHz-824MHz), 3MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
819.0	QPSK	16QAM	64QAM
	3.00	3.06	3.05

**LTE band 26(814MHz-824MHz), 3MHz Bandwidth, QPSK (-26dBc BW)**

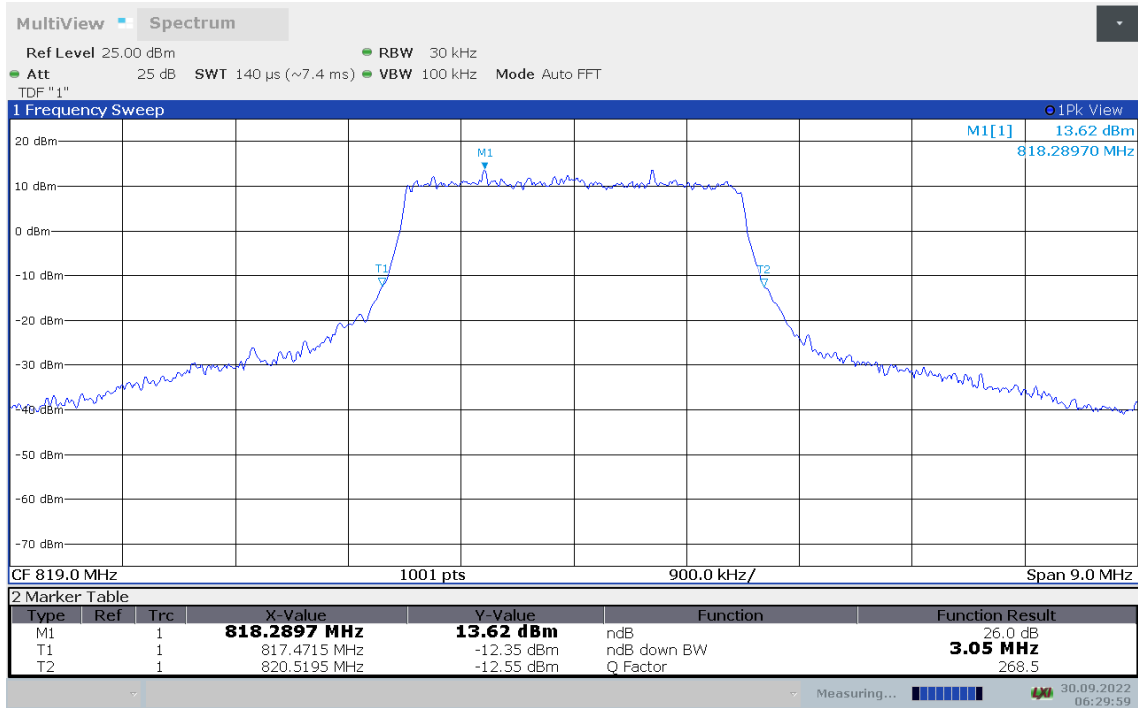


**LTE band 26(814MHz-824MHz), 3MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 26(814MHz-824MHz), 3MHz Bandwidth, 64QAM (-26dBc BW)

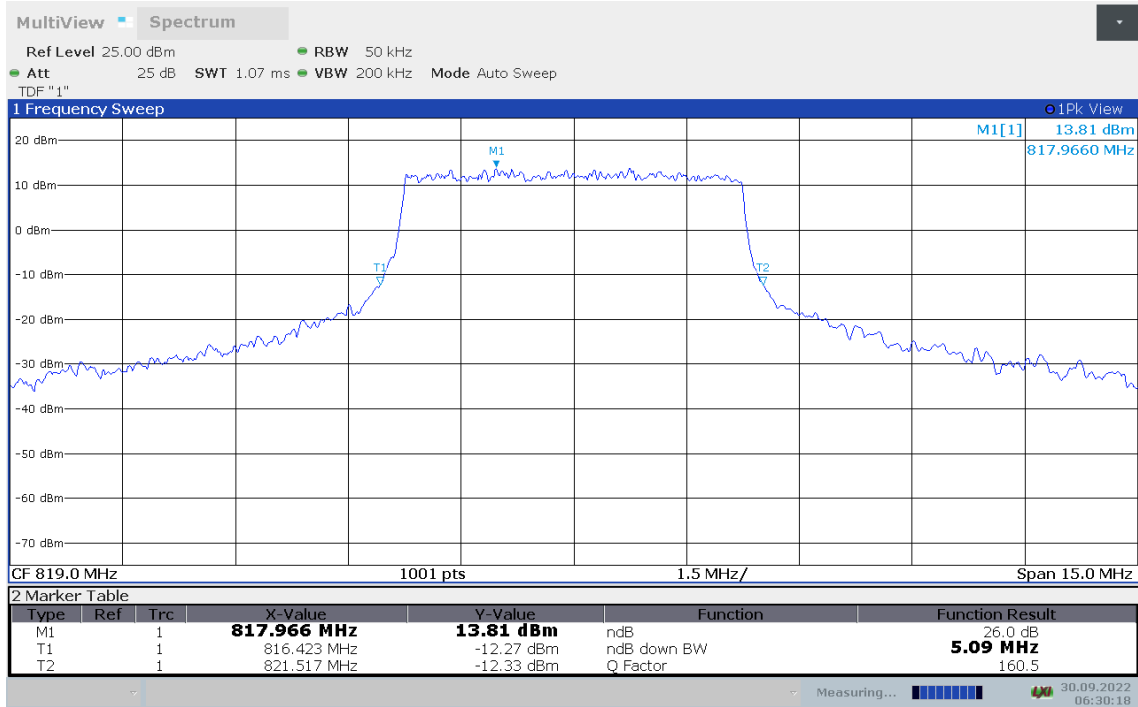




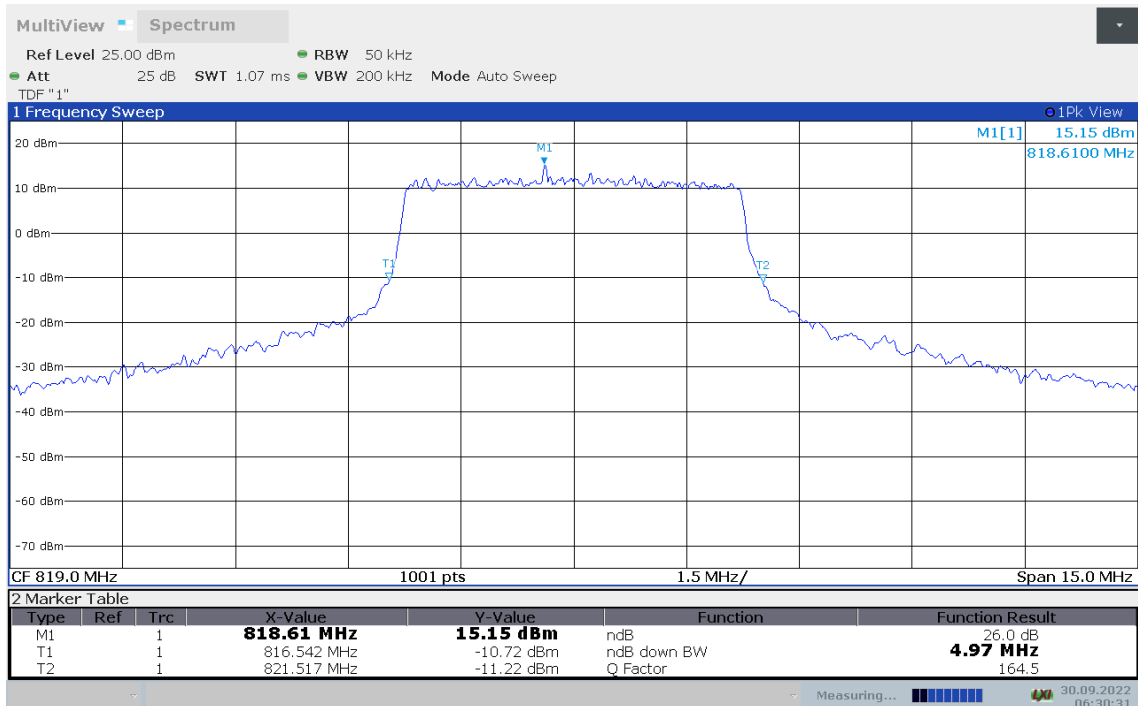
LTE band 26(814MHz-824MHz), 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
	QPSK	16QAM	64QAM
819.0	5.09	4.97	5.00

LTE band 26(814MHz-824MHz), 5MHz Bandwidth, QPSK (-26dBc BW)

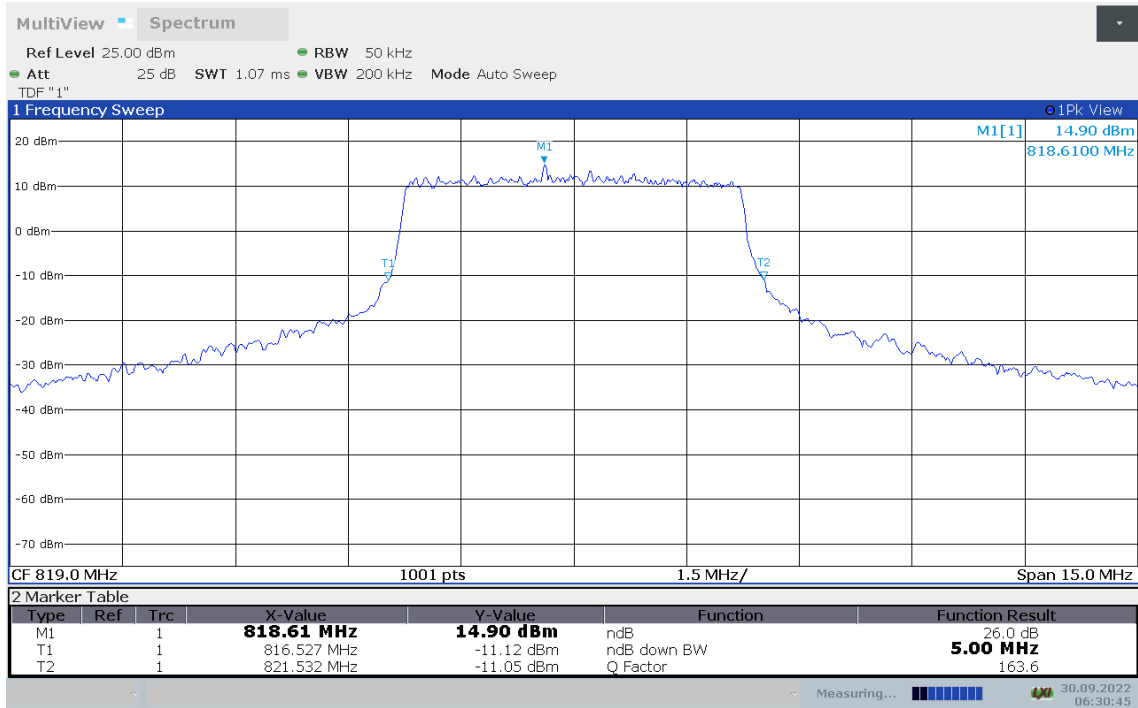


LTE band 26(814MHz-824MHz), 5MHz Bandwidth,16QAM (-26dBc BW)





LTE band 26(814MHz-824MHz), 5MHz Bandwidth,64QAM (-26dBc BW)

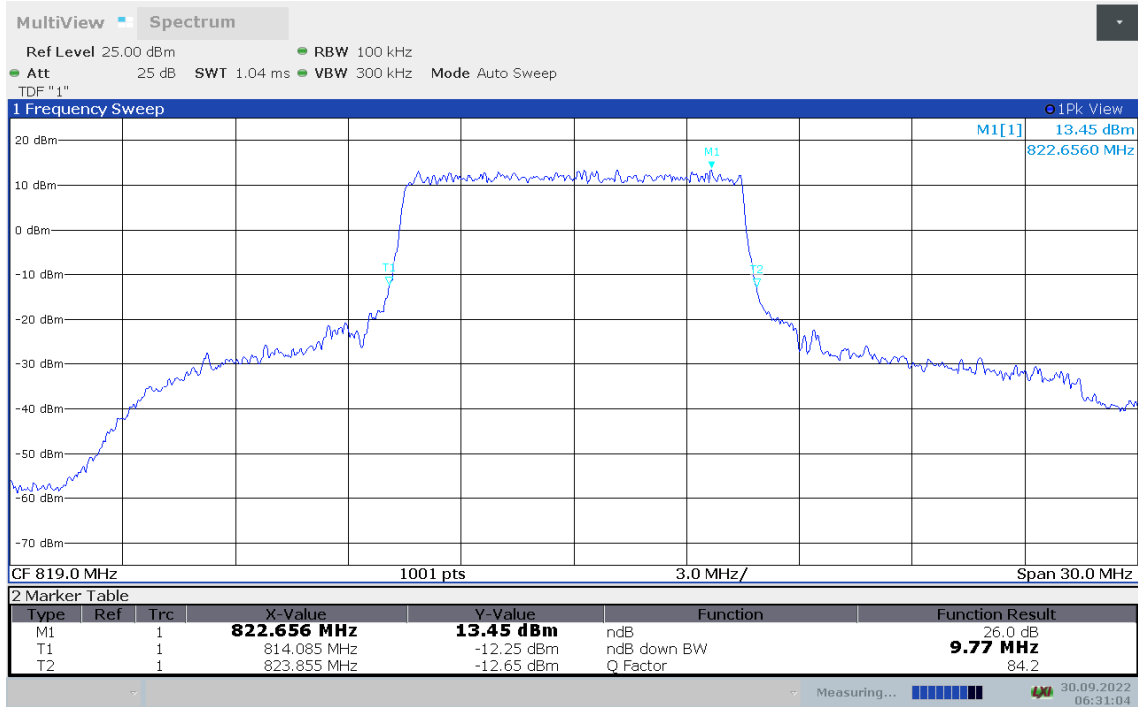




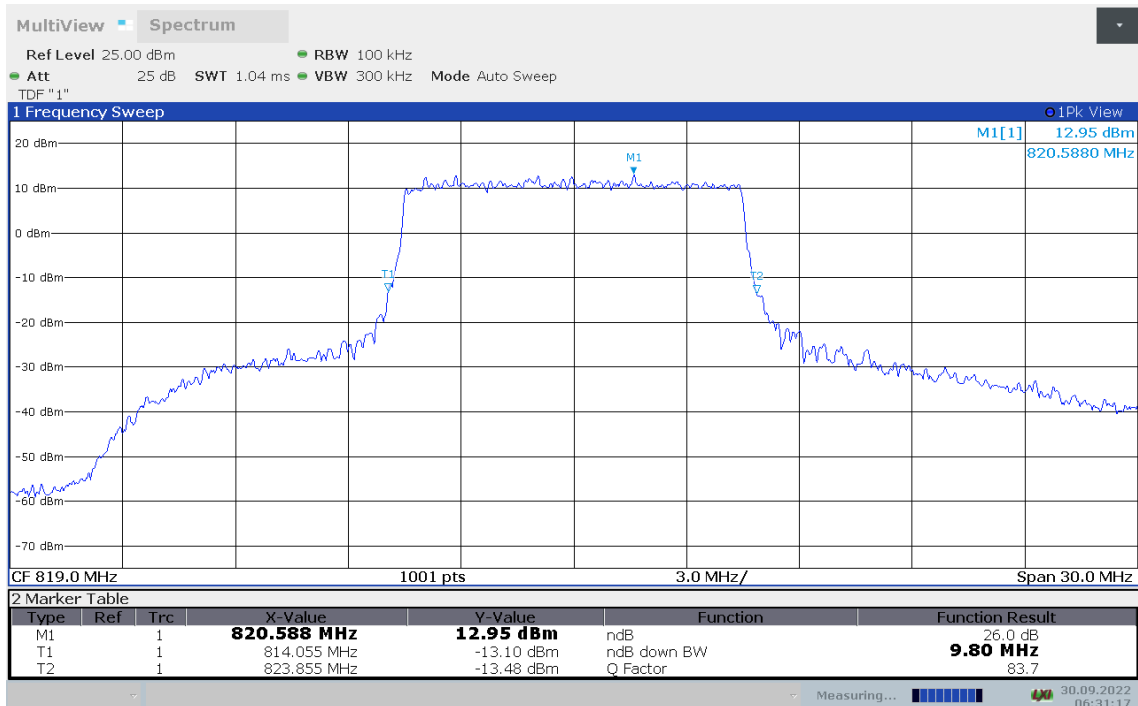
**LTE band 26(814MHz-824MHz), 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
819.0	QPSK	16QAM	64QAM
	9.77	9.80	9.68

**LTE band 26(814MHz-824MHz), 10MHz Bandwidth, QPSK (-26dBc BW)**



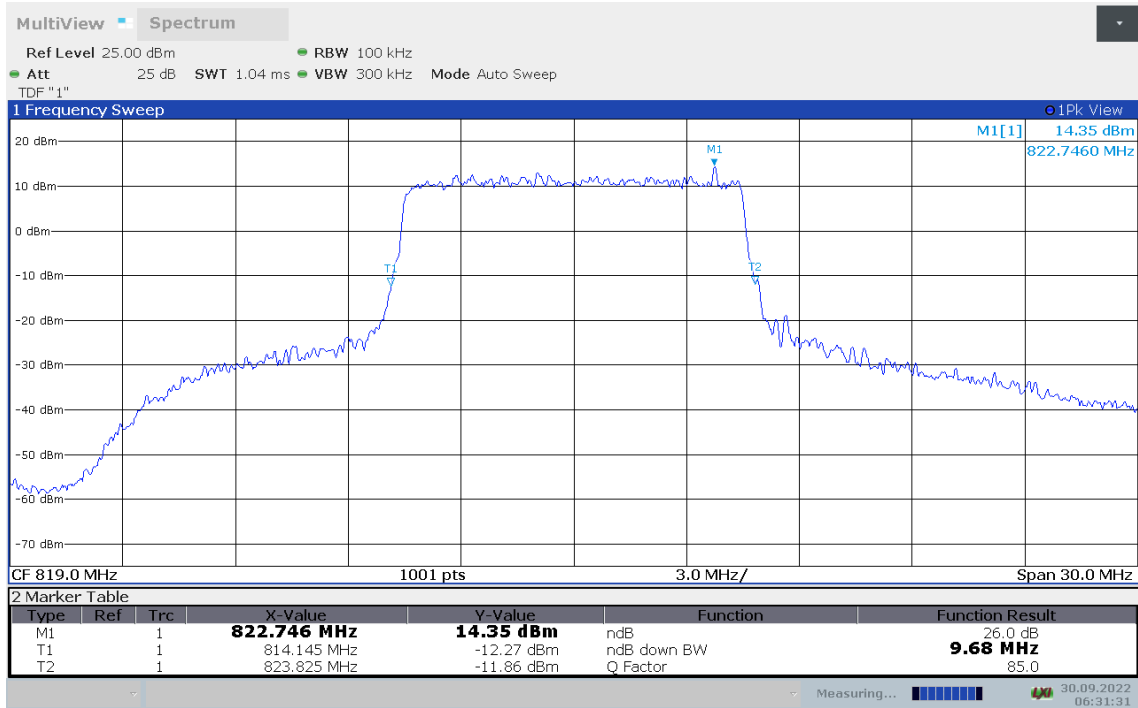
**LTE band 26(814MHz-824MHz), 10MHz Bandwidth, 16QAM (-26dBc BW)**







LTE band 26(814MHz-824MHz), 10MHz Bandwidth, 64QAM (-26dBc BW)

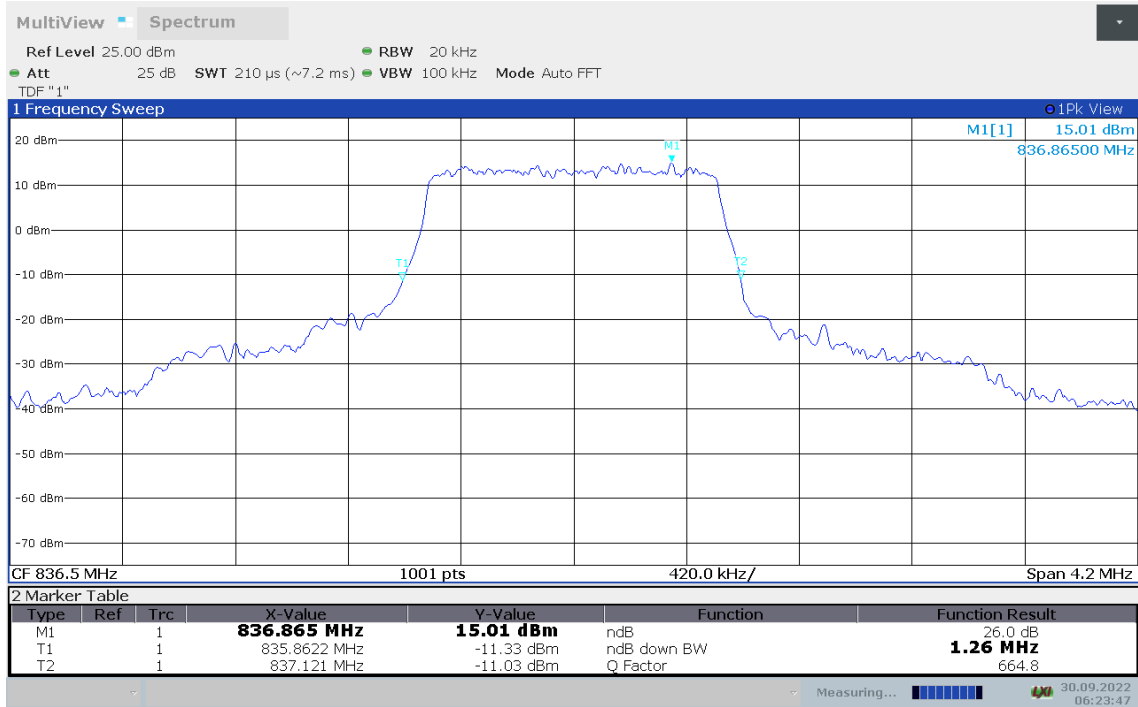




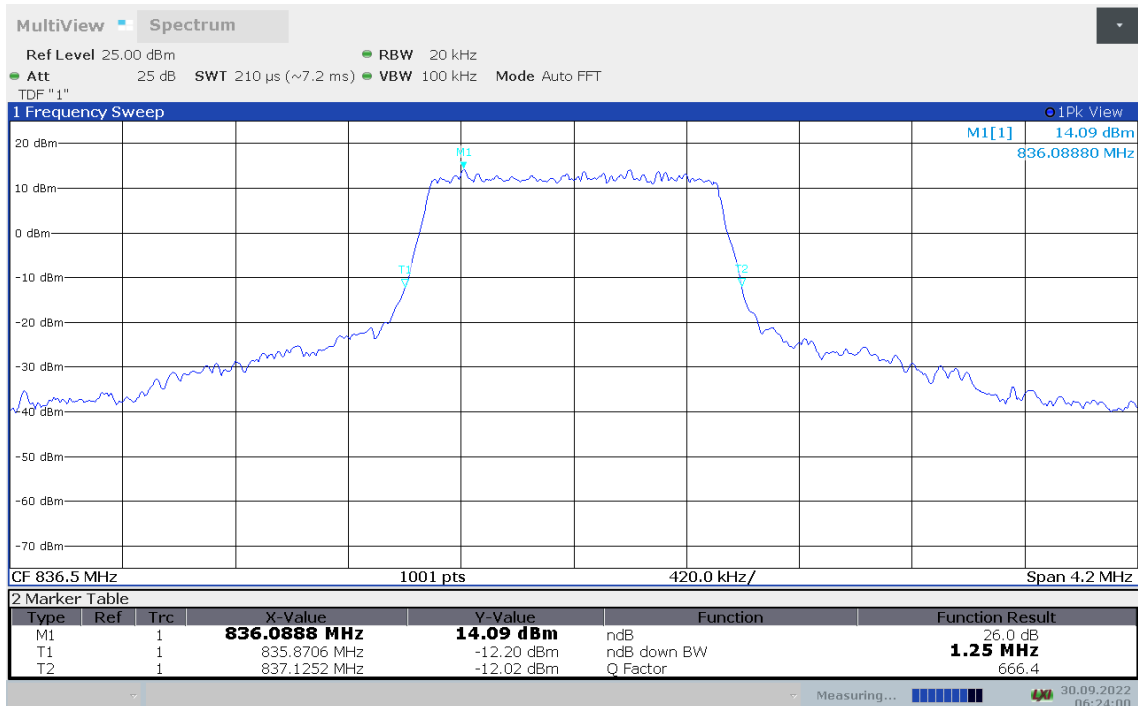
**LTE band 26(824MHz-849MHz), 1.4MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	1.26	1.25	1.25

**LTE band 26(824MHz-849MHz), 1.4MHz Bandwidth, QPSK (-26dBc BW)**

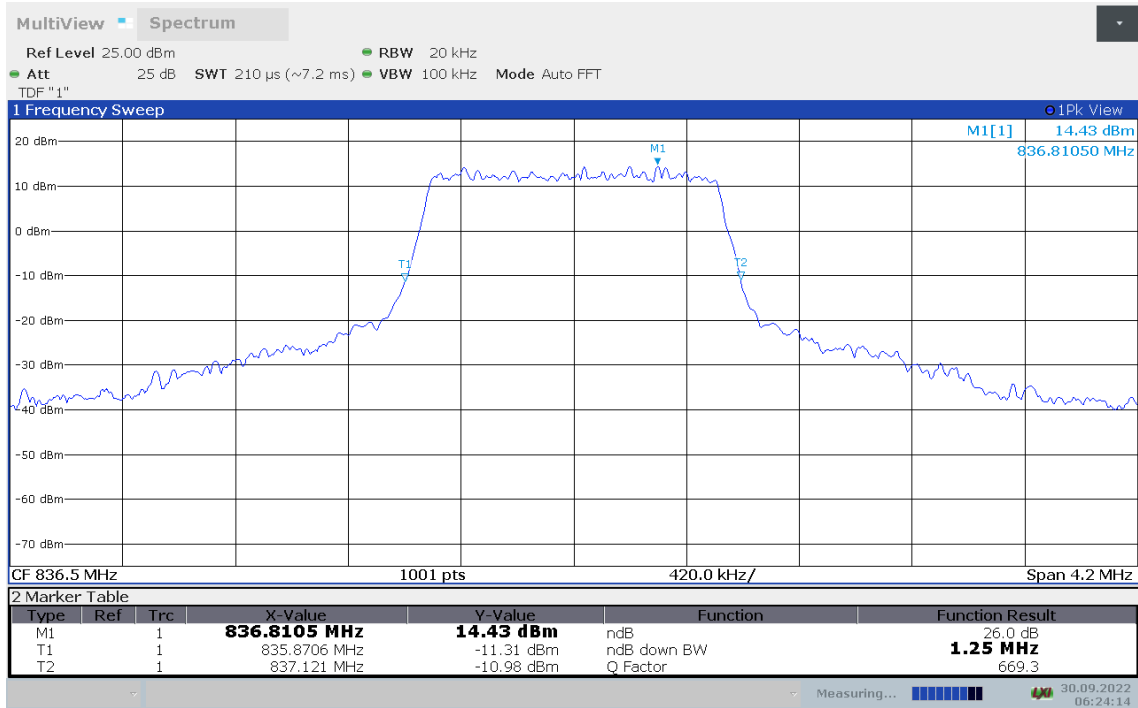


**LTE band 26(824MHz-849MHz), 1.4MHz Bandwidth, 16QAM (-26dBc BW)**





LTE band 26(824MHz-849MHz), 1.4MHz Bandwidth, 64QAM (-26dBc BW)

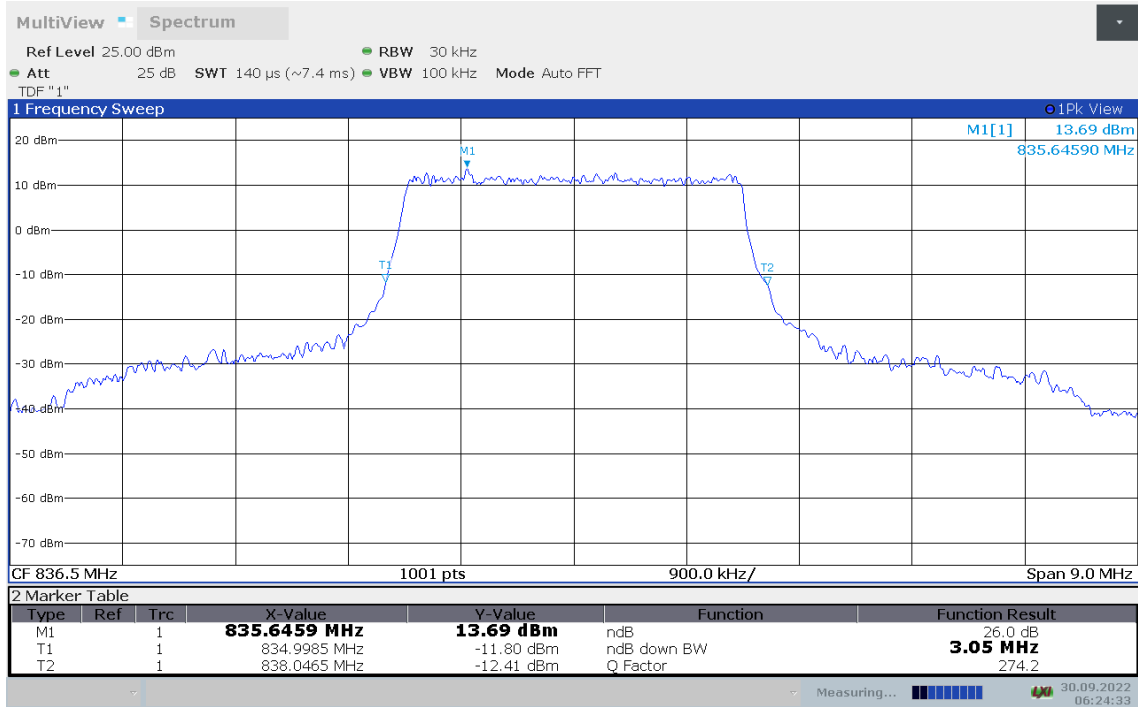




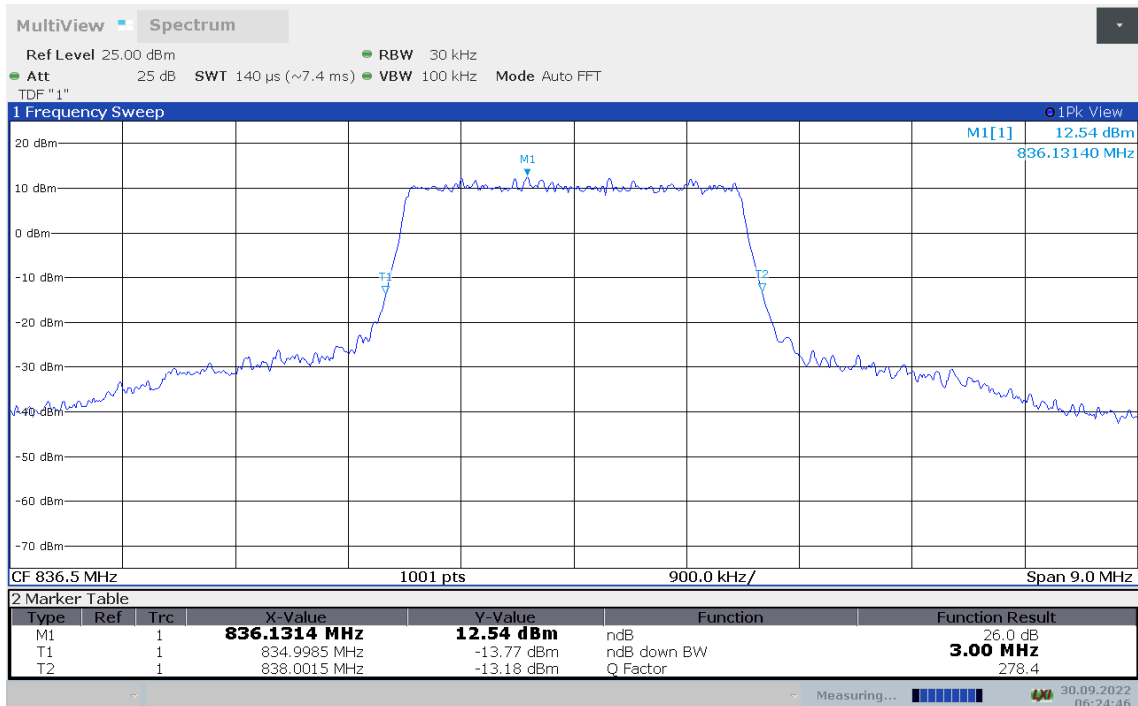
LTE band 26(824MHz-849MHz), 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	3.05	3.00	3.02

LTE band 26(824MHz-849MHz), 3MHz Bandwidth, QPSK (-26dBc BW)

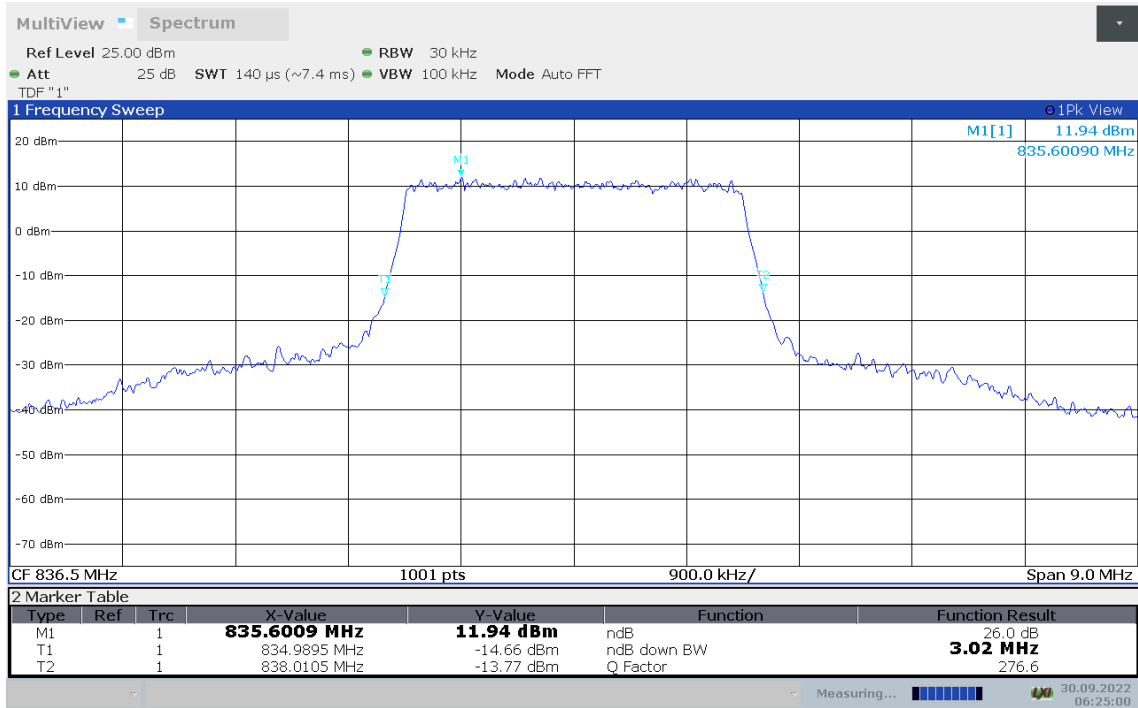


LTE band 26(824MHz-849MHz), 3MHz Bandwidth, 16QAM (-26dBc BW)





LTE band 26(824MHz-849MHz), 3MHz Bandwidth, 64QAM (-26dBc BW)

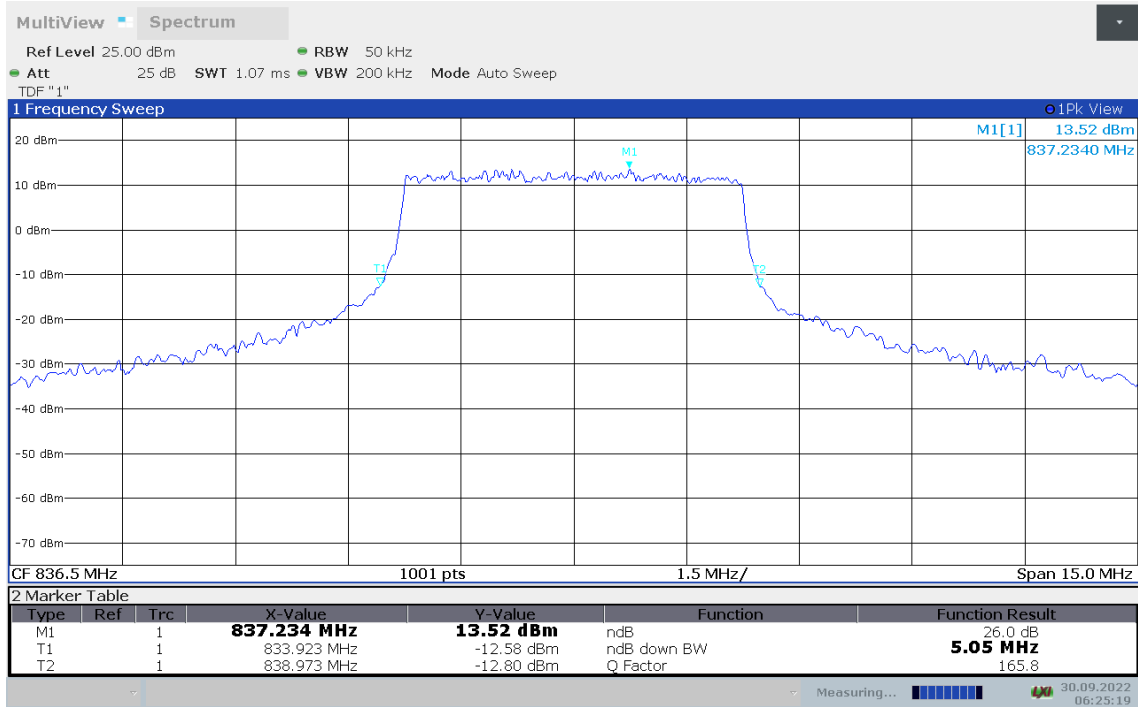




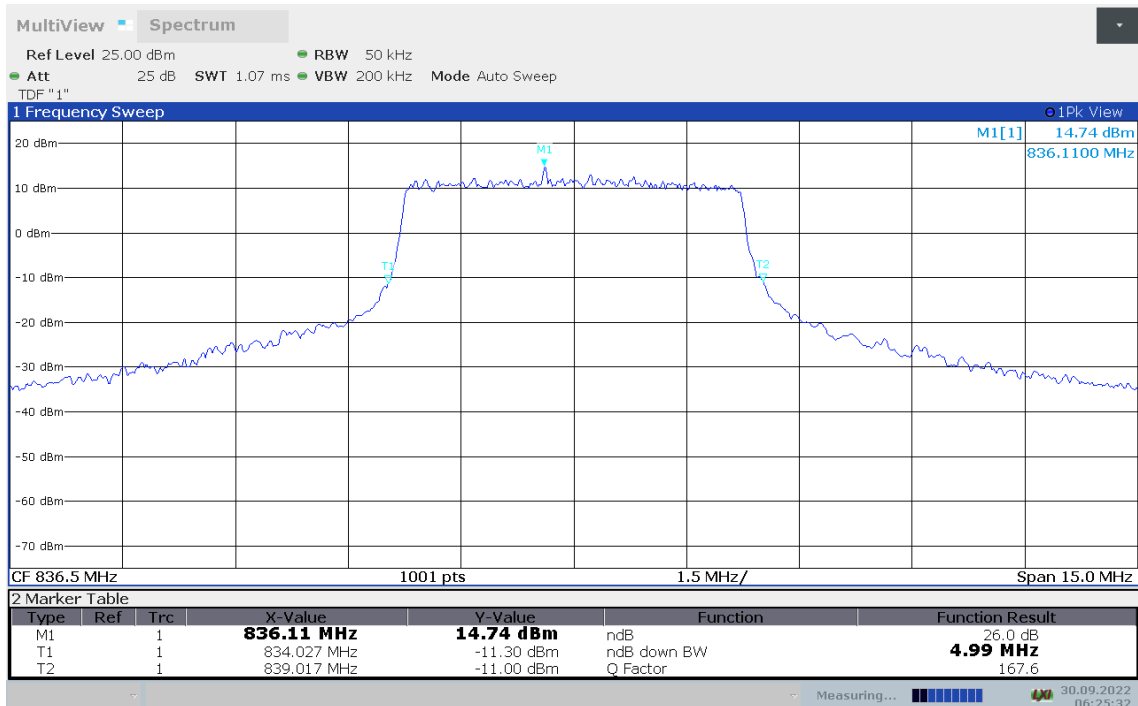
LTE band 26(824MHz-849MHz), 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	5.05	4.99	5.02

LTE band 26(824MHz-849MHz), 5MHz Bandwidth, QPSK (-26dBc BW)

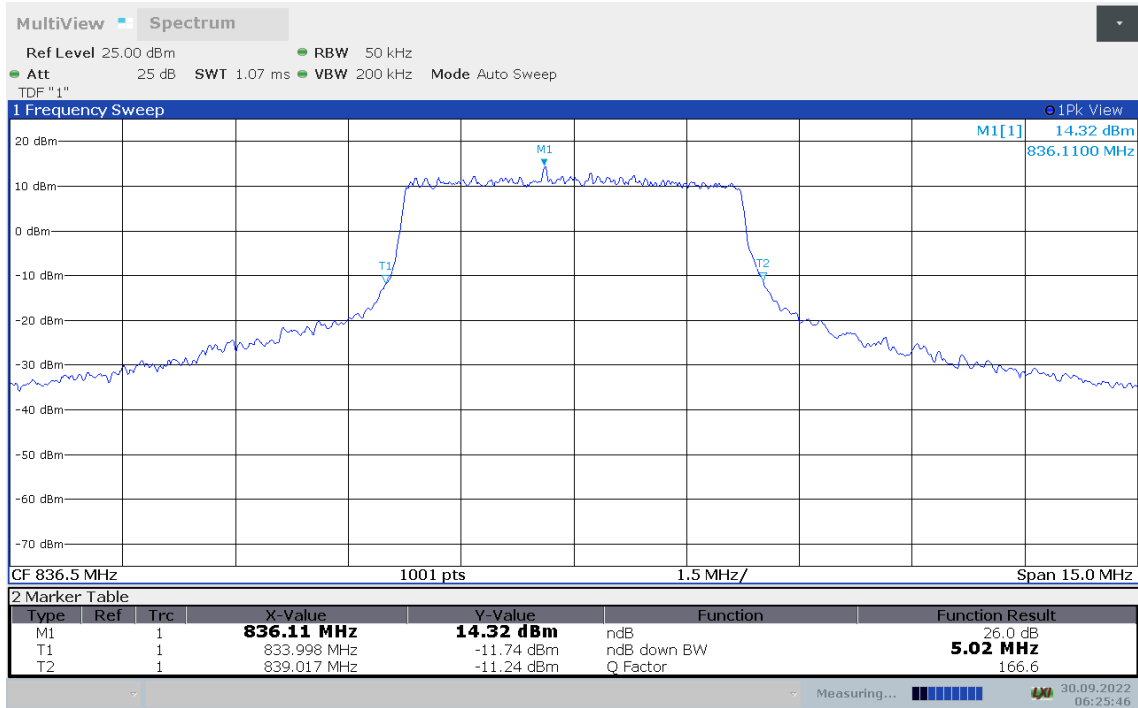


LTE band 26(824MHz-849MHz), 5MHz Bandwidth,16QAM (-26dBc BW)





LTE band 26(824MHz-849MHz), 5MHz Bandwidth,64QAM (-26dBc BW)

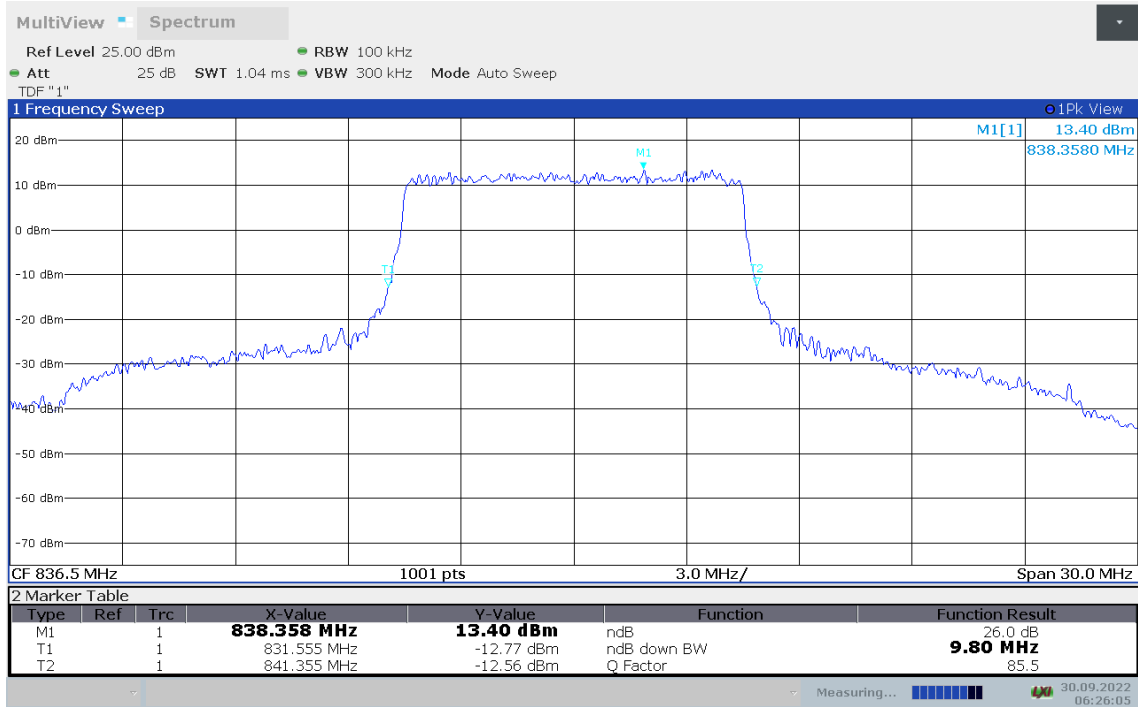




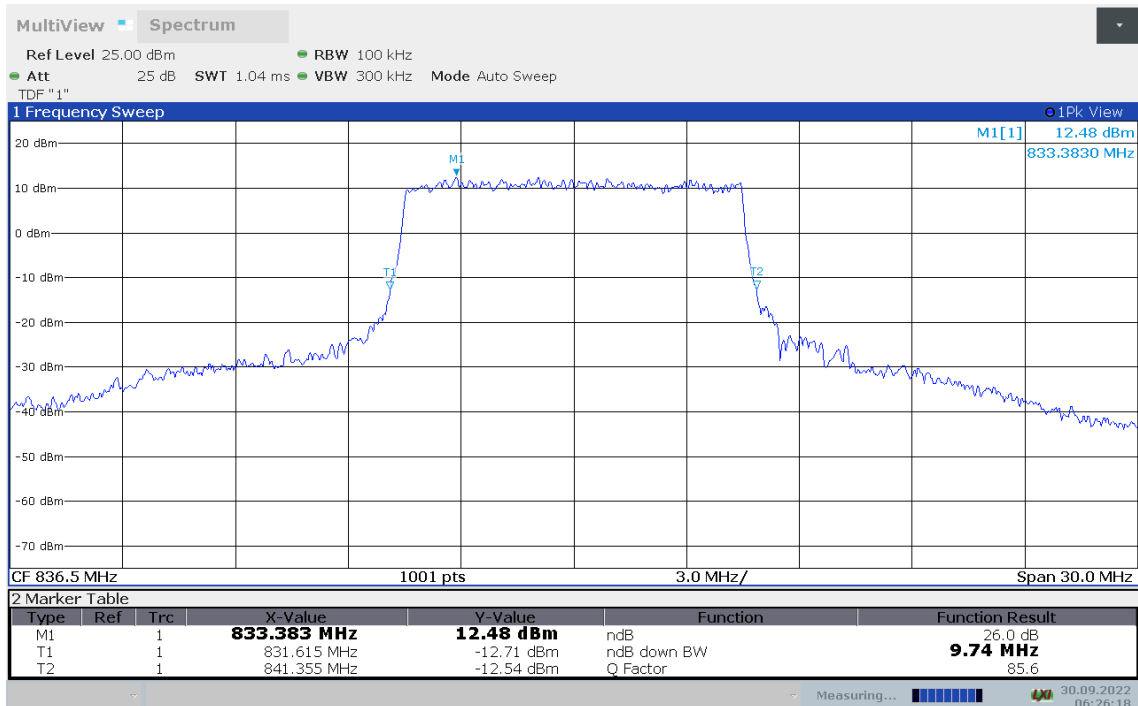
**LTE band 26(824MHz-849MHz), 10MHz (-26dBc BW)**

Frequency(MHz)	Emission Bandwidth (-26dBc BW)(MHz)		
836.5	QPSK	16QAM	64QAM
	9.80	9.74	9.74

**LTE band 26(824MHz-849MHz), 10MHz Bandwidth, QPSK (-26dBc BW)**



**LTE band 26(824MHz-849MHz), 10MHz Bandwidth, 16QAM (-26dBc BW)**







LTE band 26(824MHz-849MHz), 10MHz Bandwidth, 64QAM (-26dBc BW)

