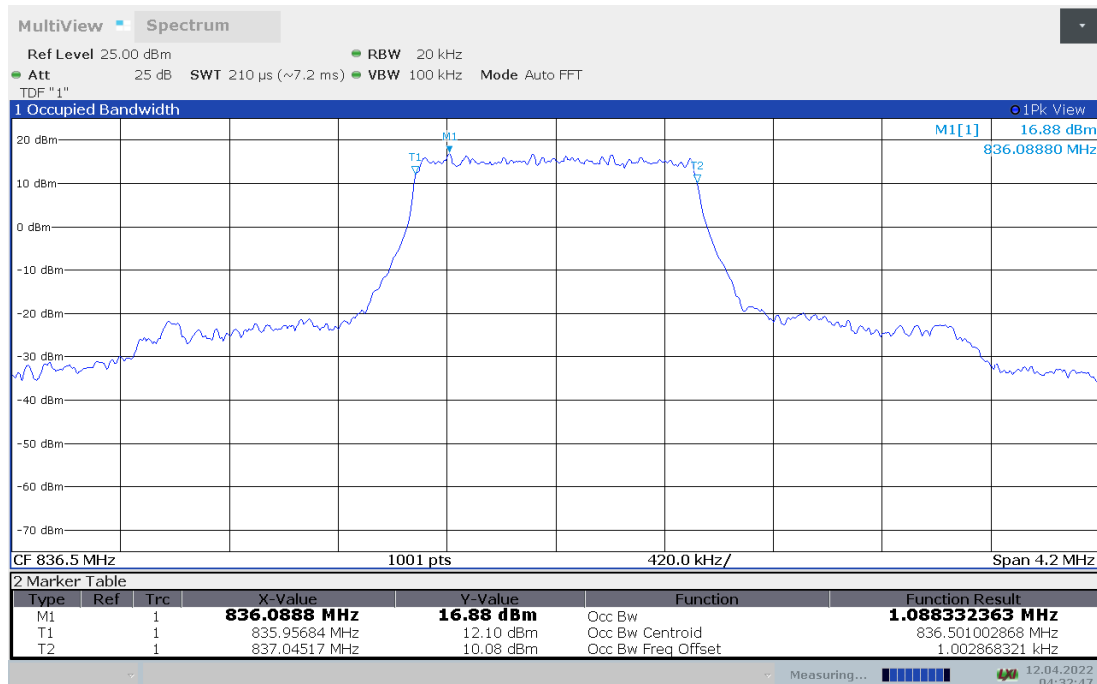


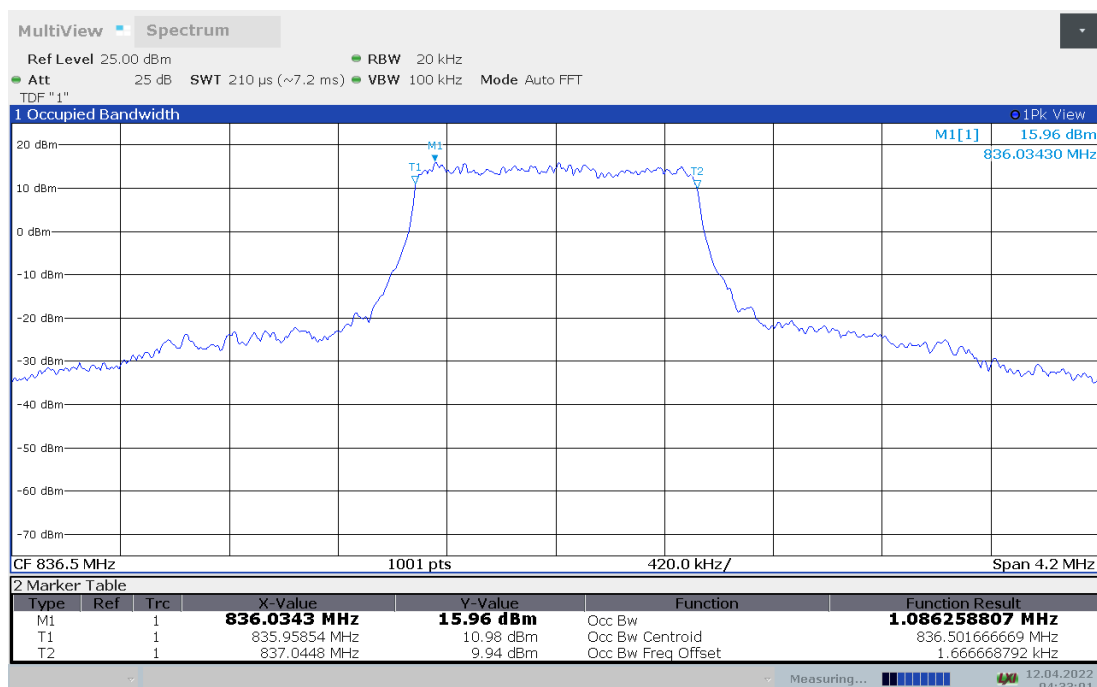
LTE band 26(824MHz-849MHz), 1.4MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	1.088	1.086

LTE band 26 , 1.4MHz Bandwidth,QPSK (99% BW)



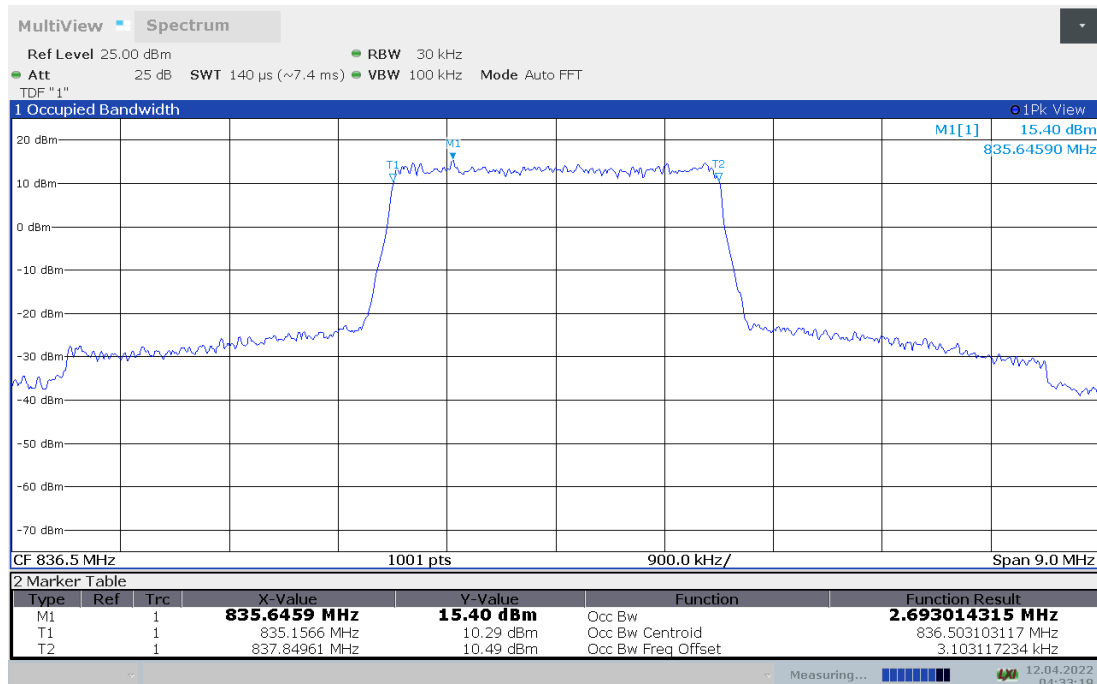
LTE band 26 , 1.4MHz Bandwidth,16QAM (99% BW)



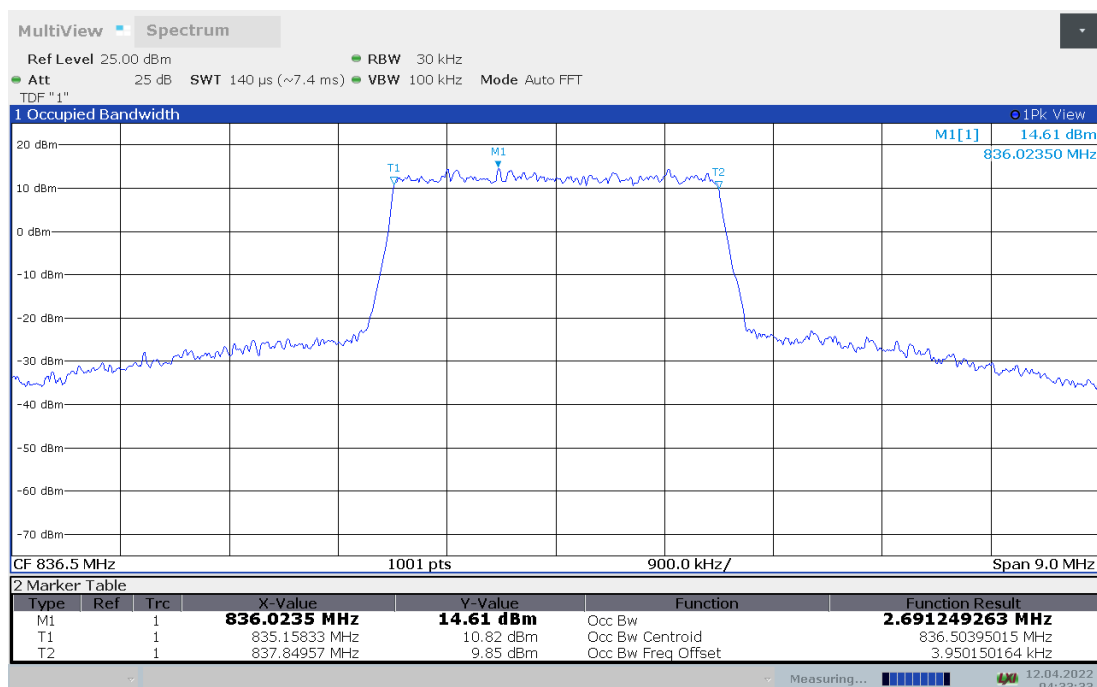
LTE band 26(824MHz-849MHz), 3MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	2.693	2.691

LTE band 26 , 3MHz Bandwidth,QPSK (99% BW)



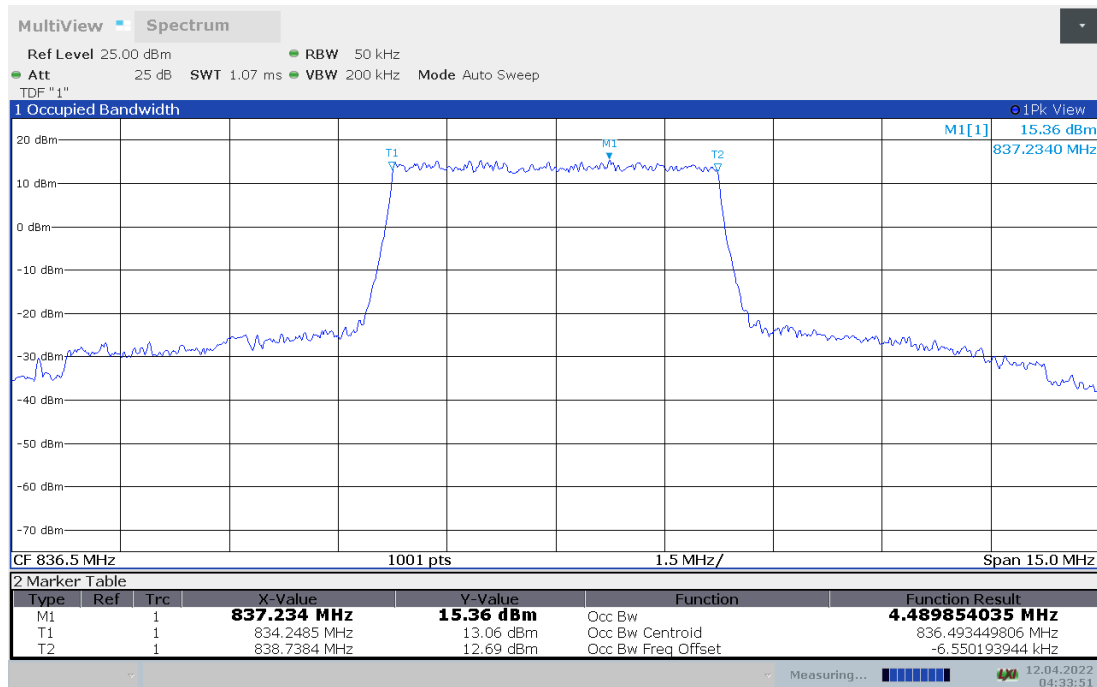
LTE band 26 , 3MHz Bandwidth,16QAM (99% BW)



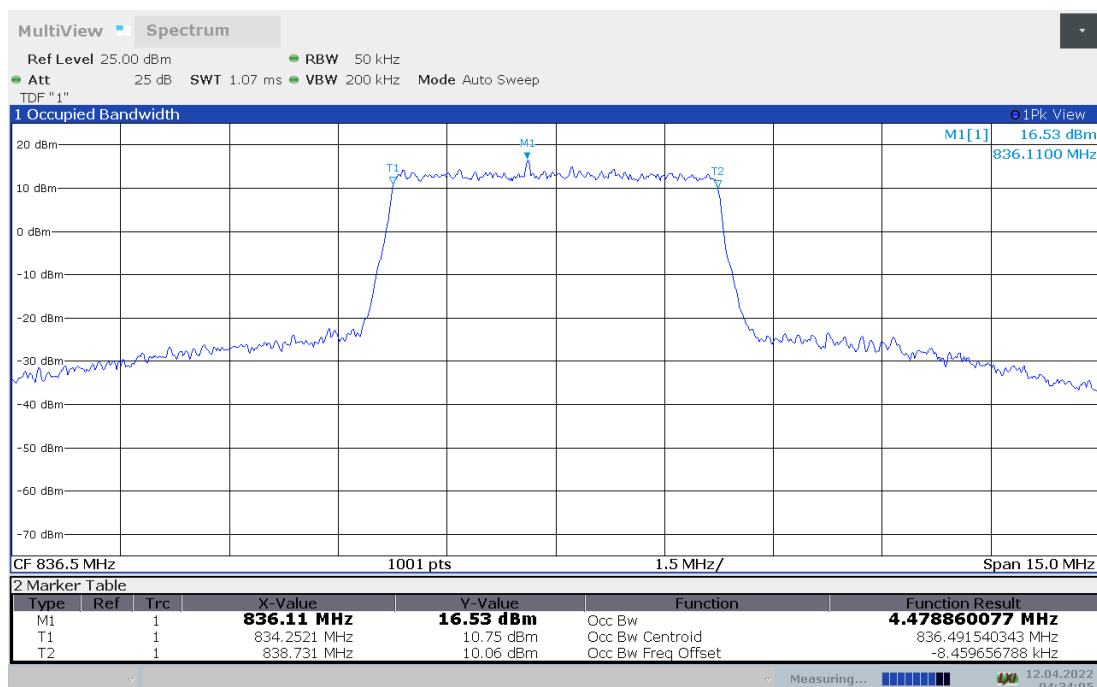
LTE band 26(824MHz-849MHz), 5MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	4.490	4.479

LTE band 26 , 5MHz Bandwidth,QPSK (99% BW)



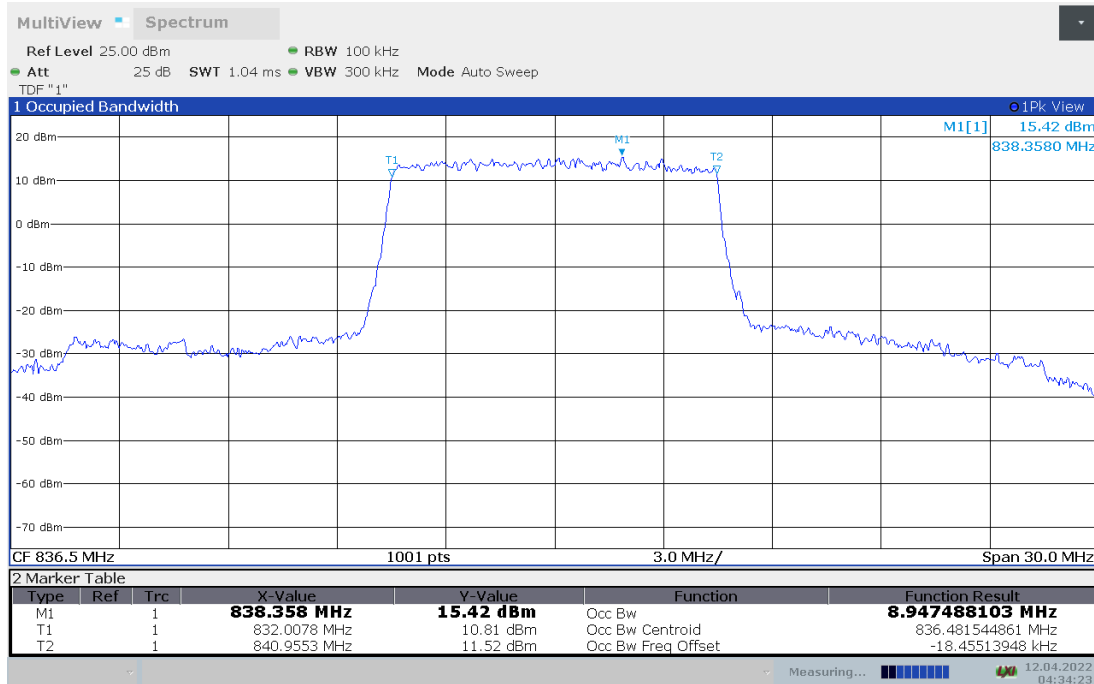
LTE band 26 , 5MHz Bandwidth,16QAM (99% BW)



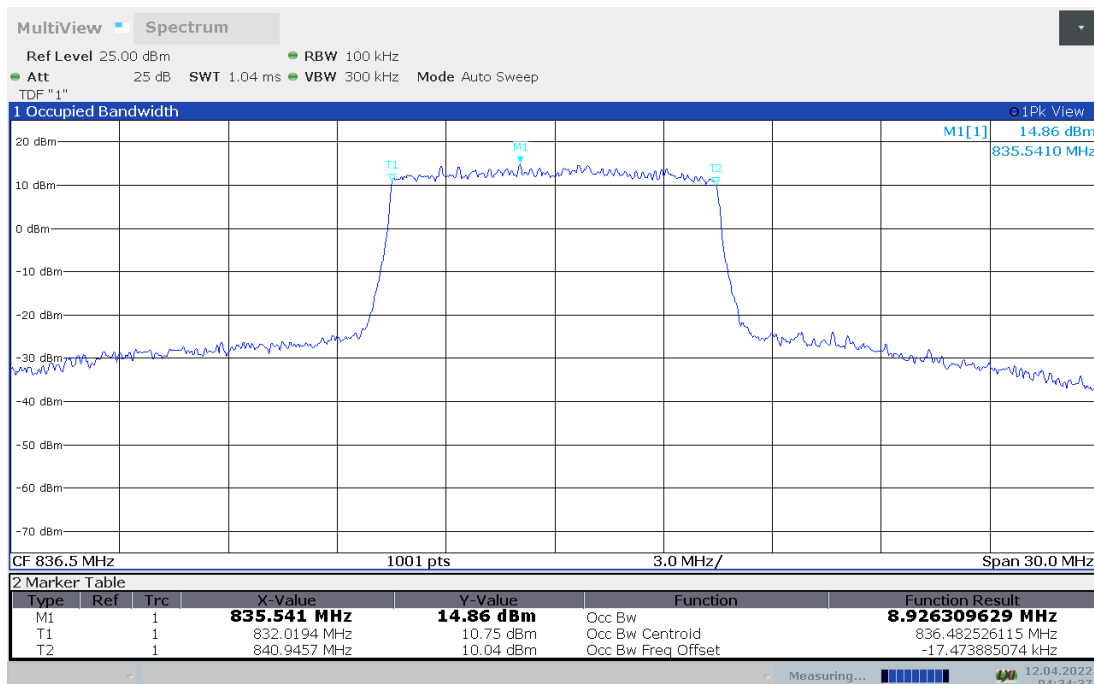
LTE band 26(824MHz-849MHz), 10MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	8.947	8.926

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



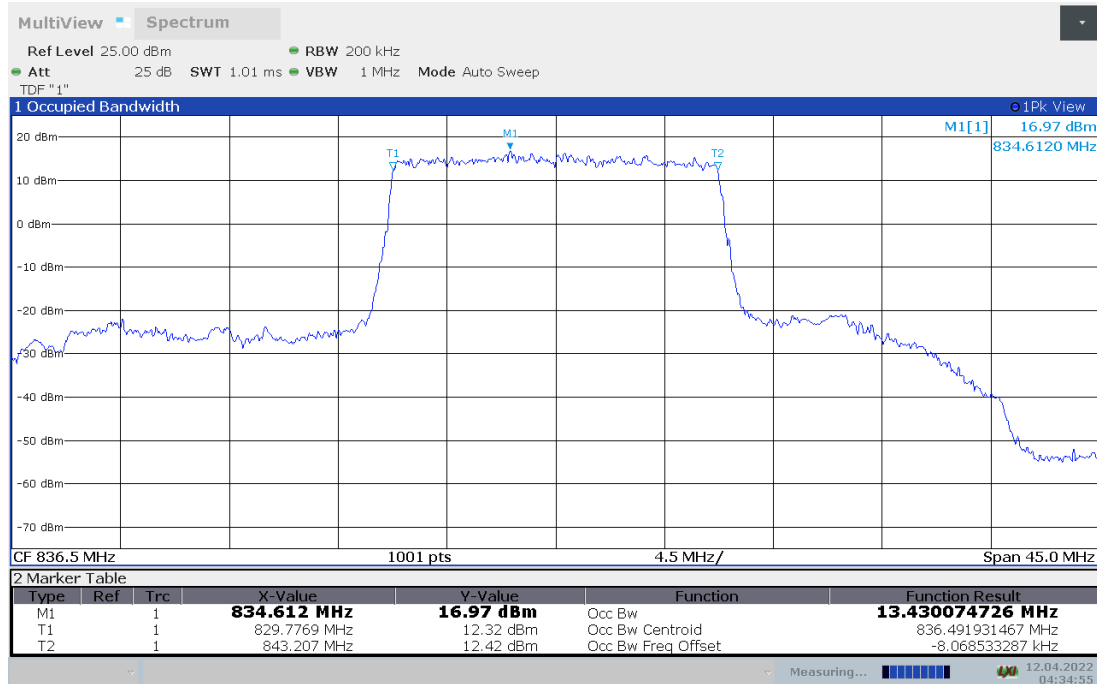
LTE band 26 , 10MHz Bandwidth,16QAM (99% BW)



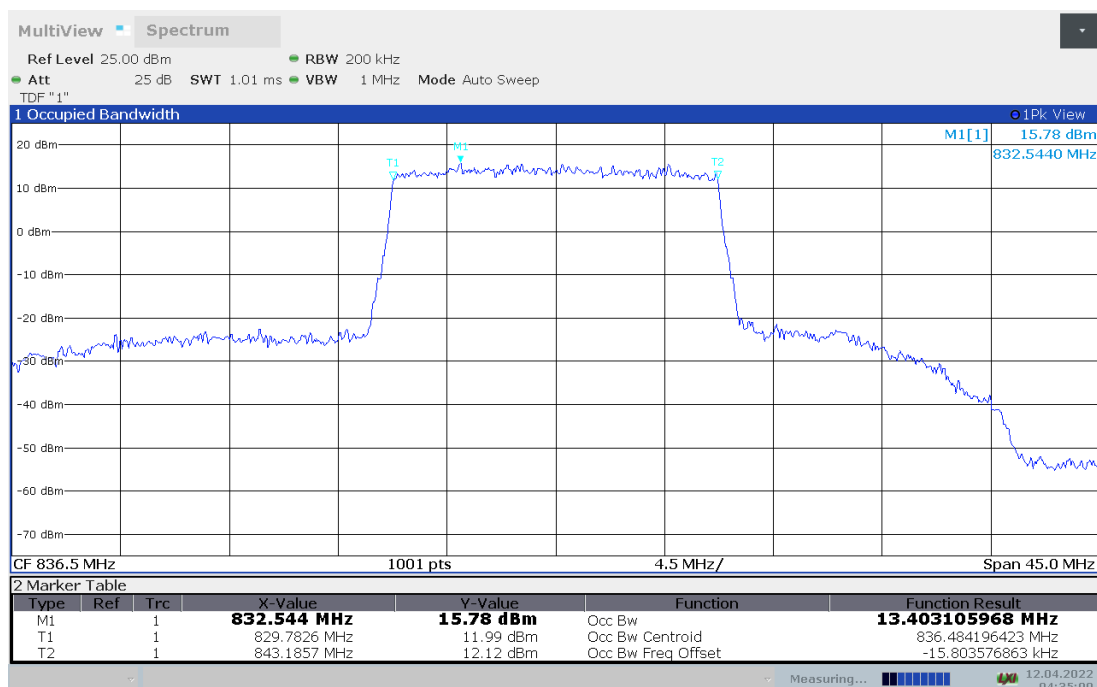
LTE band 26(824MHz-849MHz), 15MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	13.430	13.403

LTE band 26 , 15MHz Bandwidth,QPSK (99% BW)



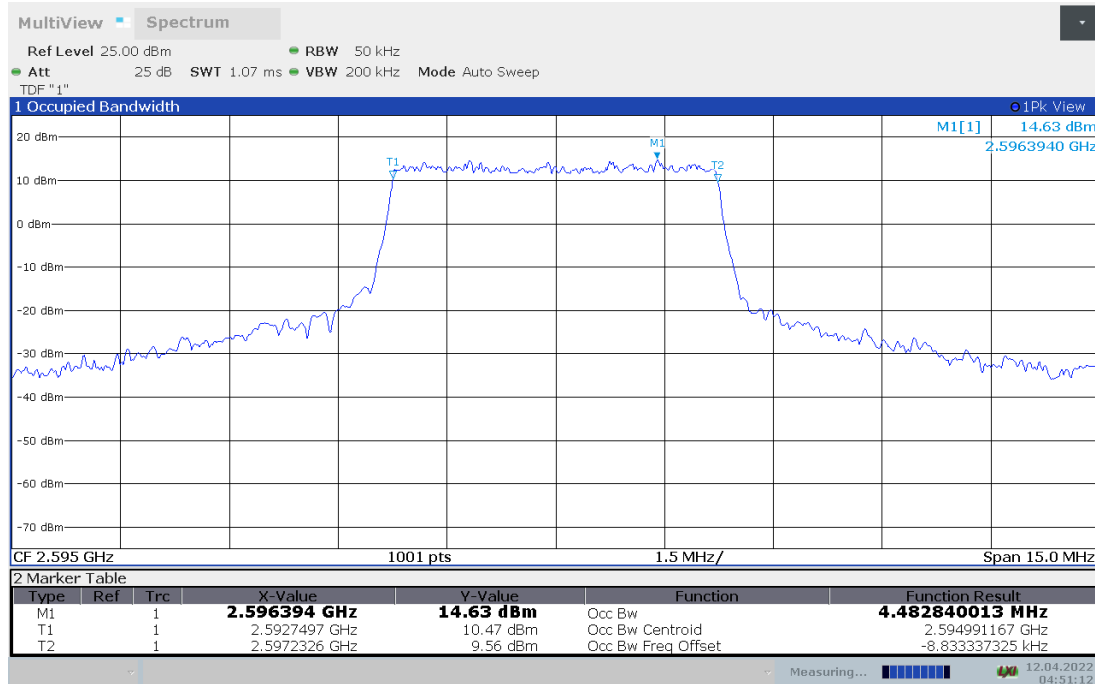
LTE band 26 , 15MHz Bandwidth,16QAM (99% BW)



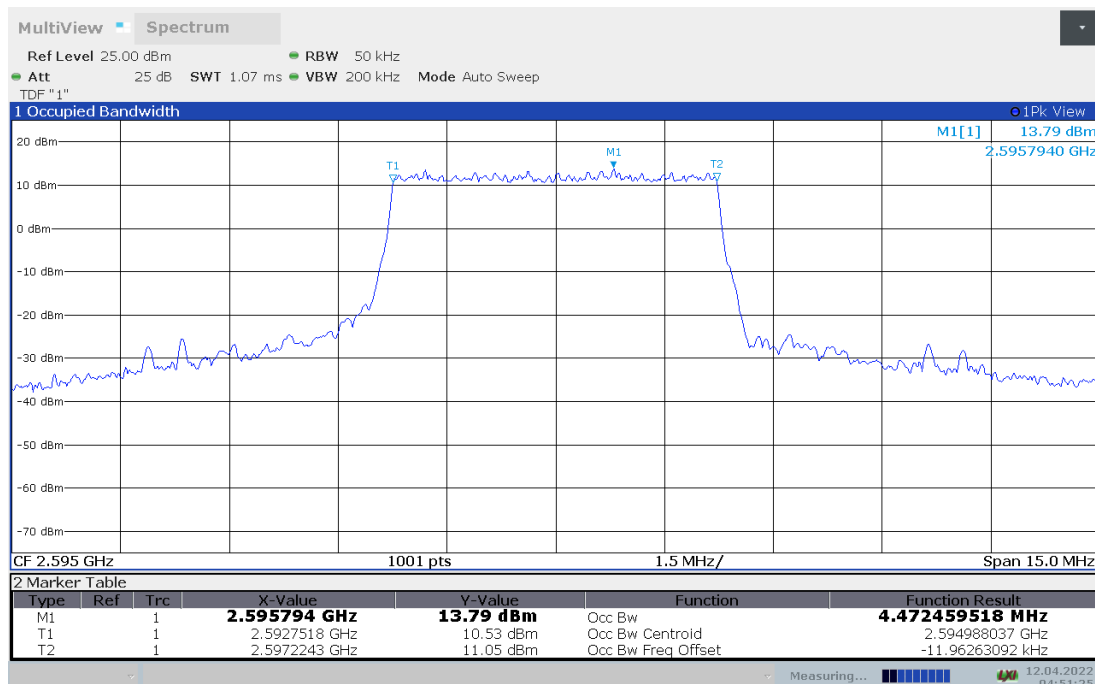
LTE band 38, 5MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2595	4.483	4.472

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



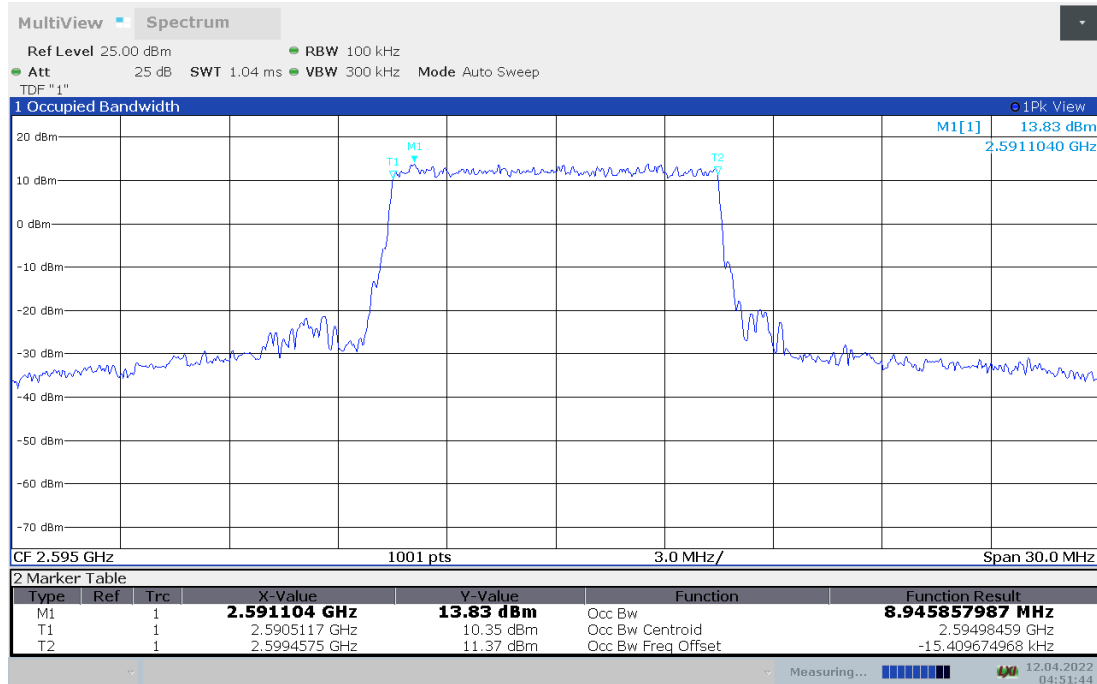
LTE band 38 , 5MHz Bandwidth,16QAM (99% BW)



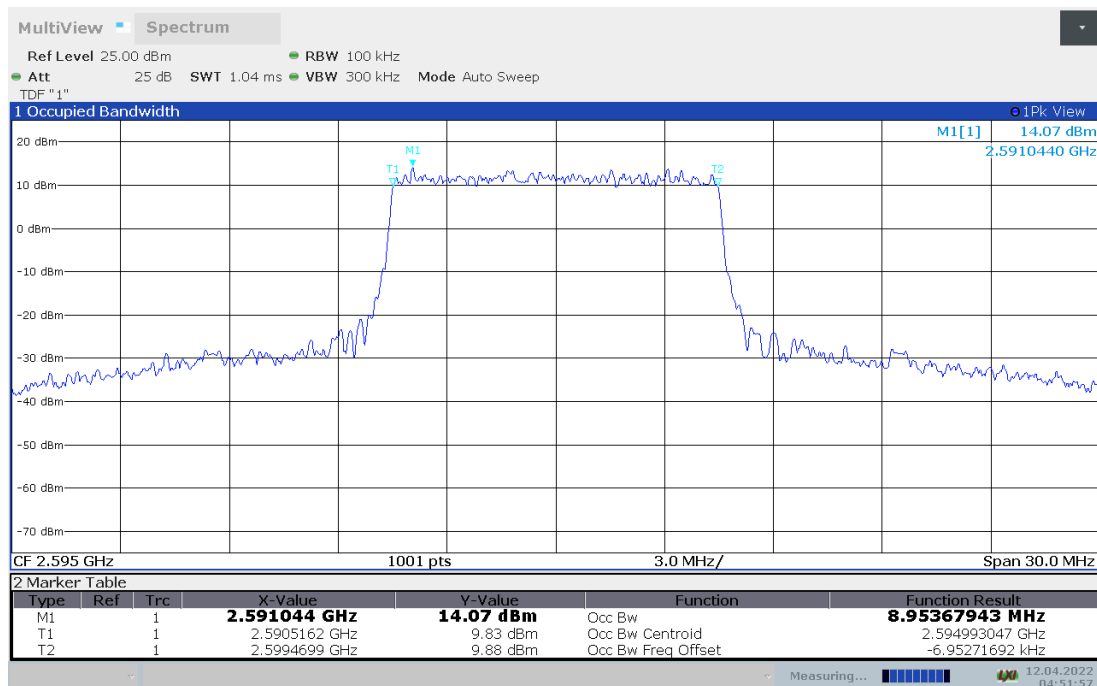
LTE band 38, 10MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2595	8.946	8.954

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



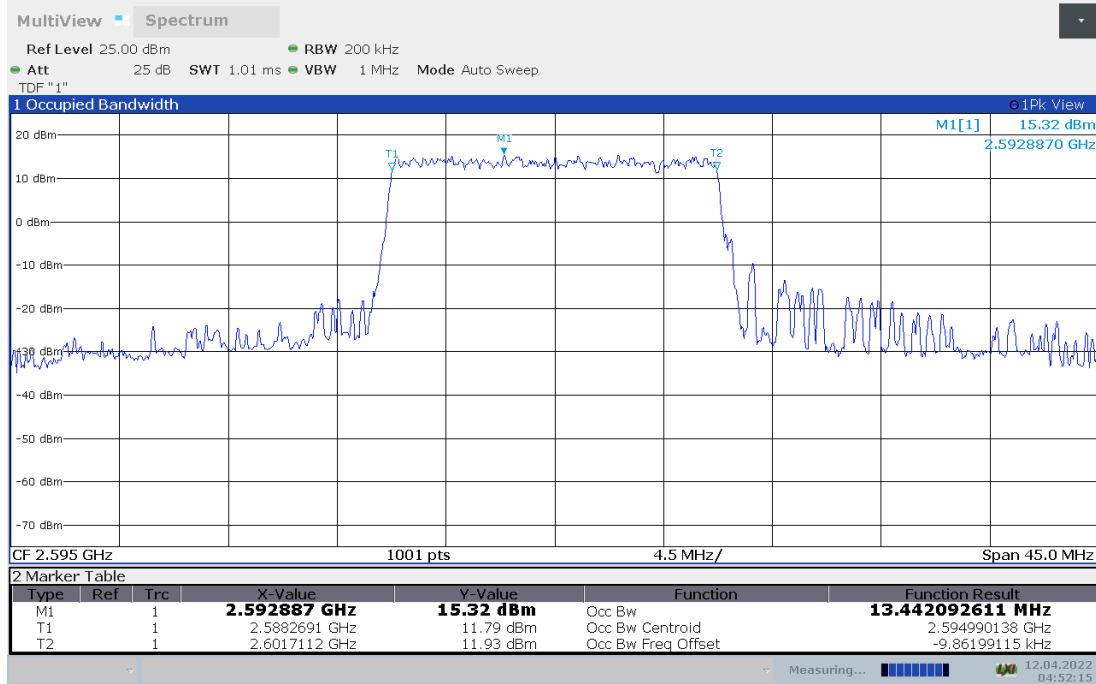
LTE band 38 , 10MHz Bandwidth,16QAM (99% BW)



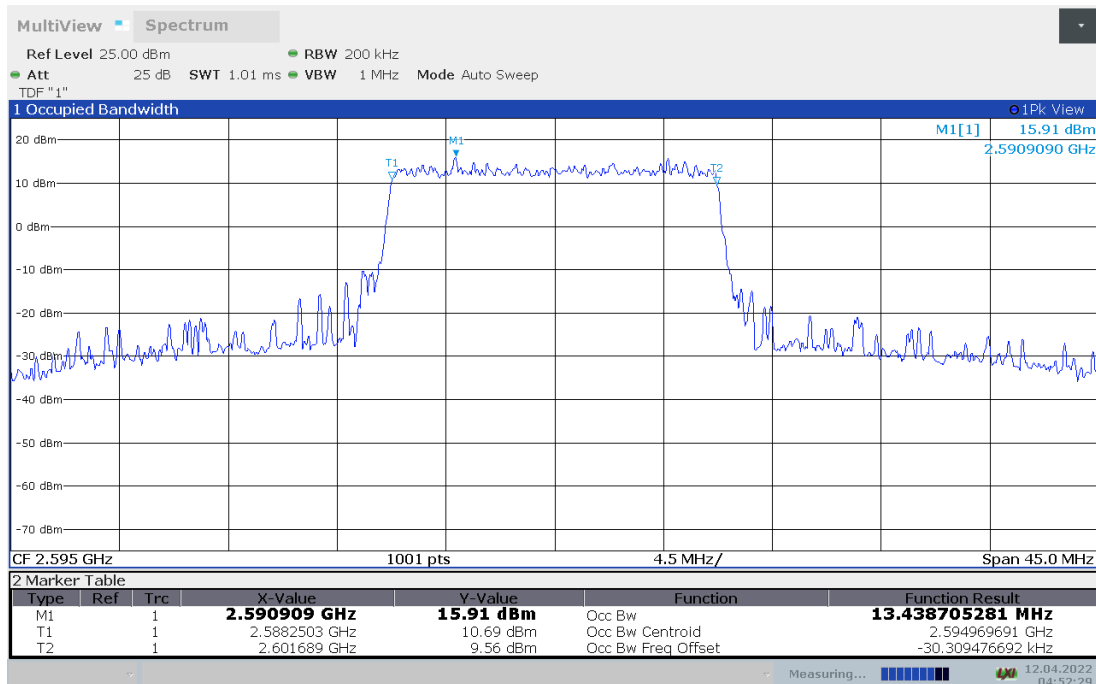
LTE band 38, 15MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2595	13.442	13.439

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



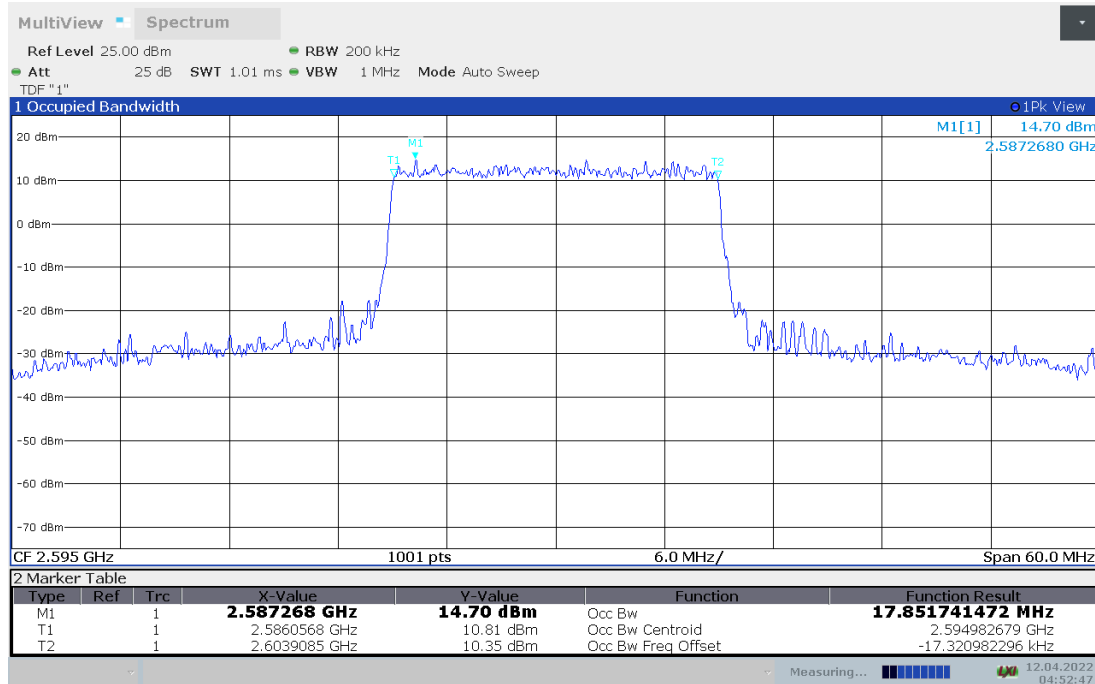
LTE band 38 , 15MHz Bandwidth,16QAM (99% BW)



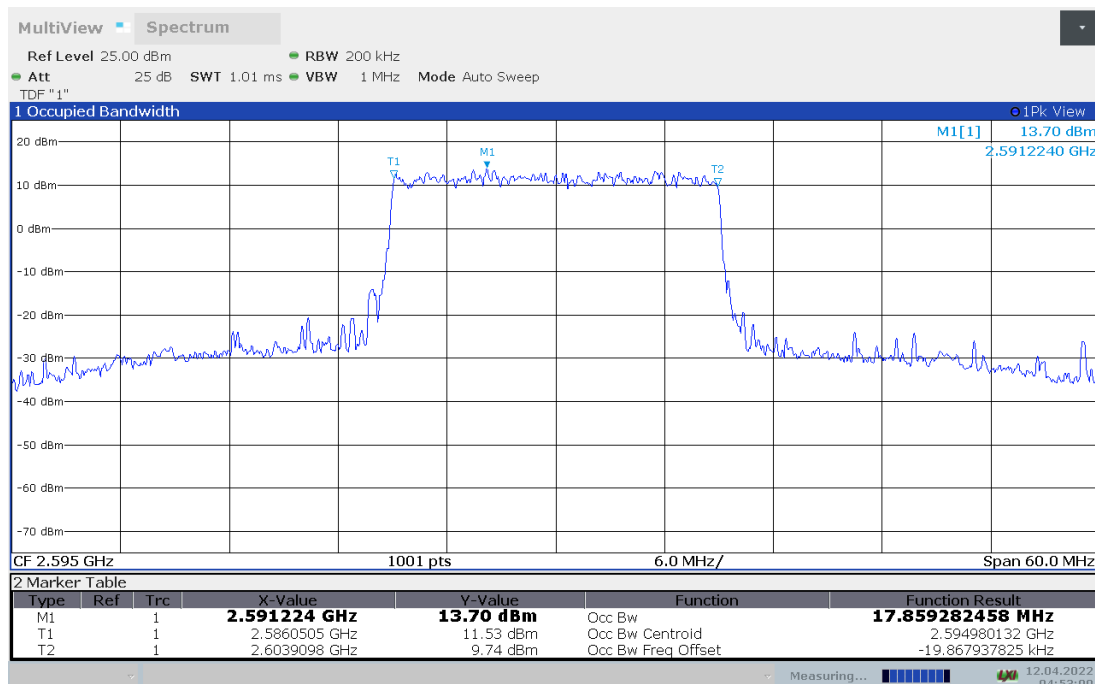
LTE band 38, 20MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2595	17.852	17.859

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



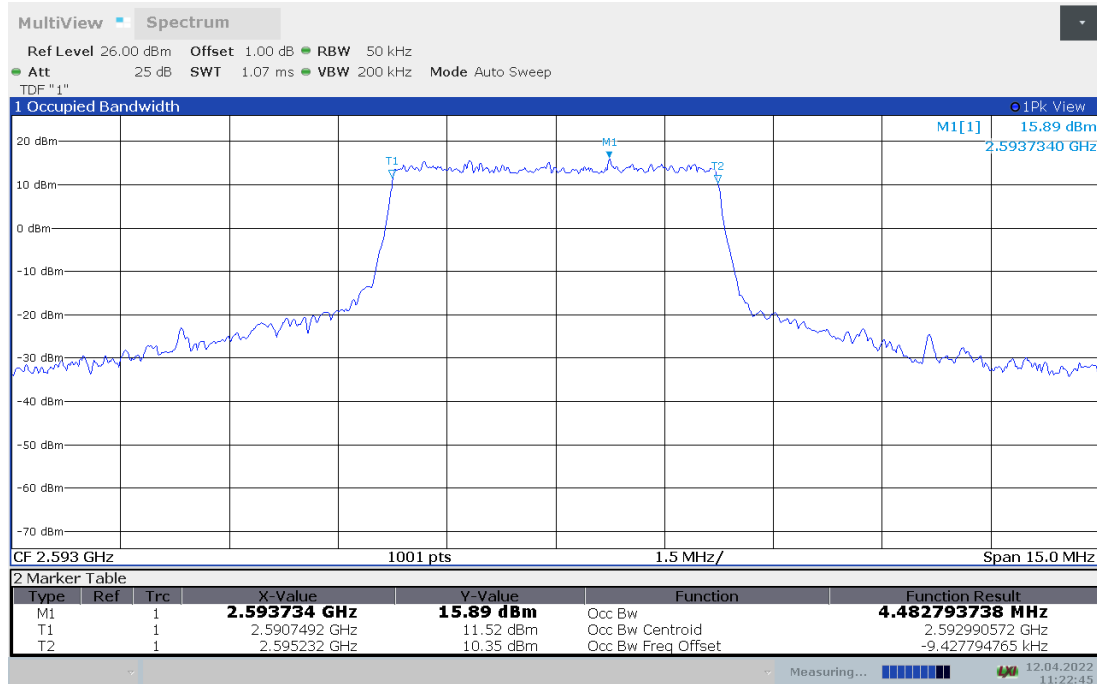
LTE band 38 , 20MHz Bandwidth,16QAM (99% BW)



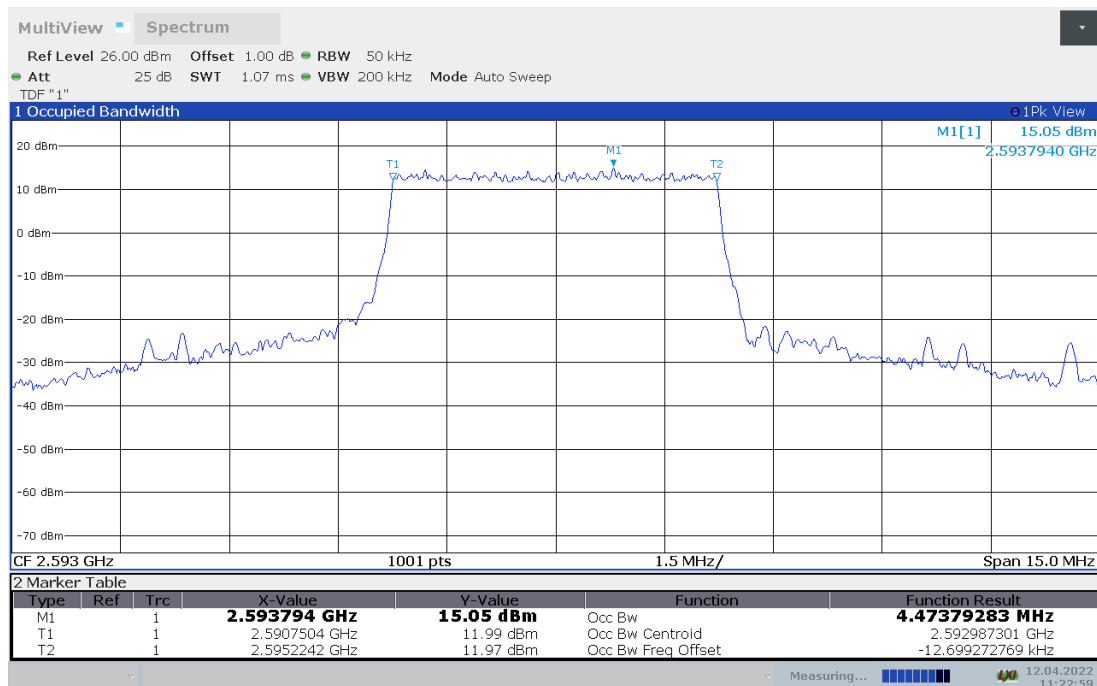
LTE band 41, 5MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2595	4.483	4.474

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



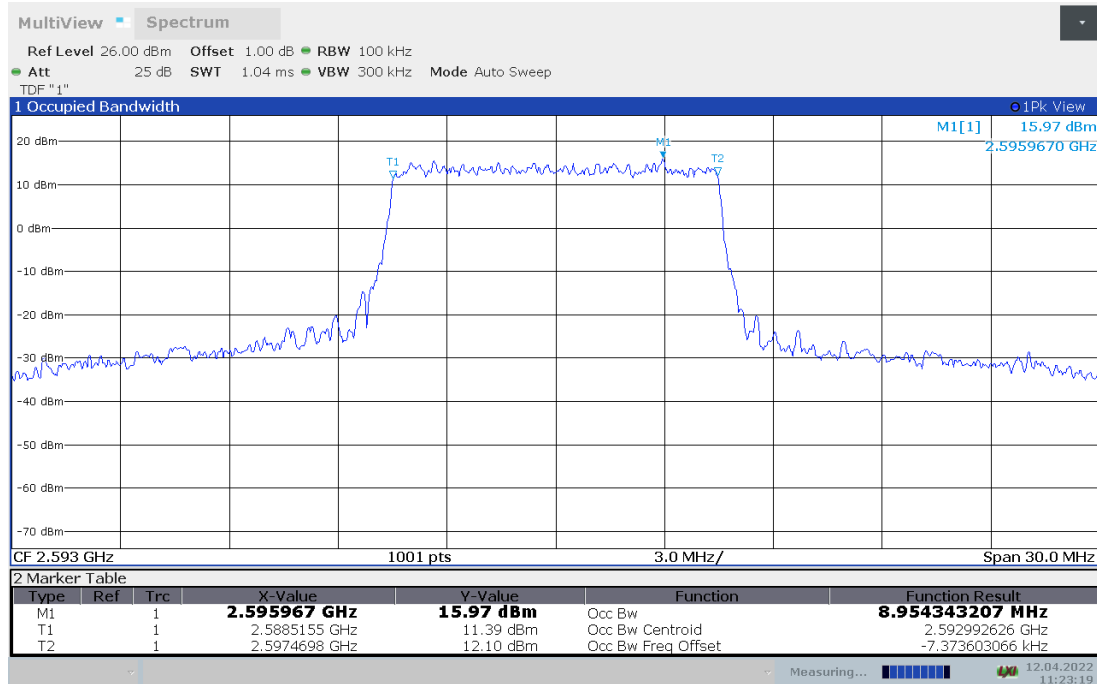
LTE band 41 , 5MHz Bandwidth,16QAM (99% BW)



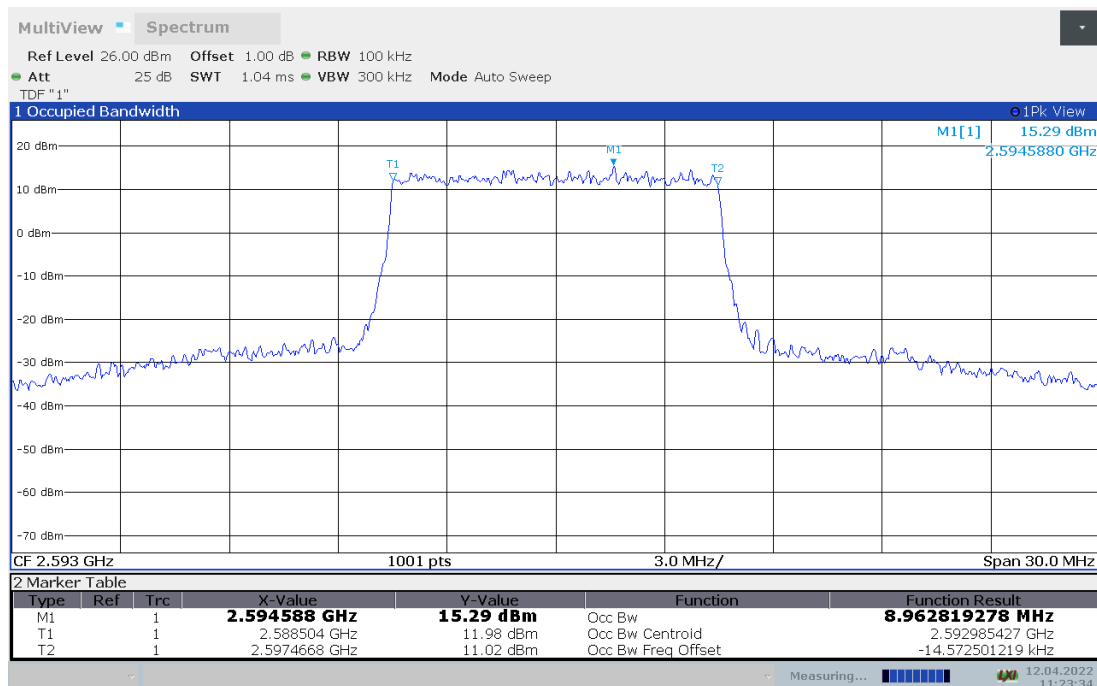
LTE band 41, 10MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2595	8.954	8.963

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



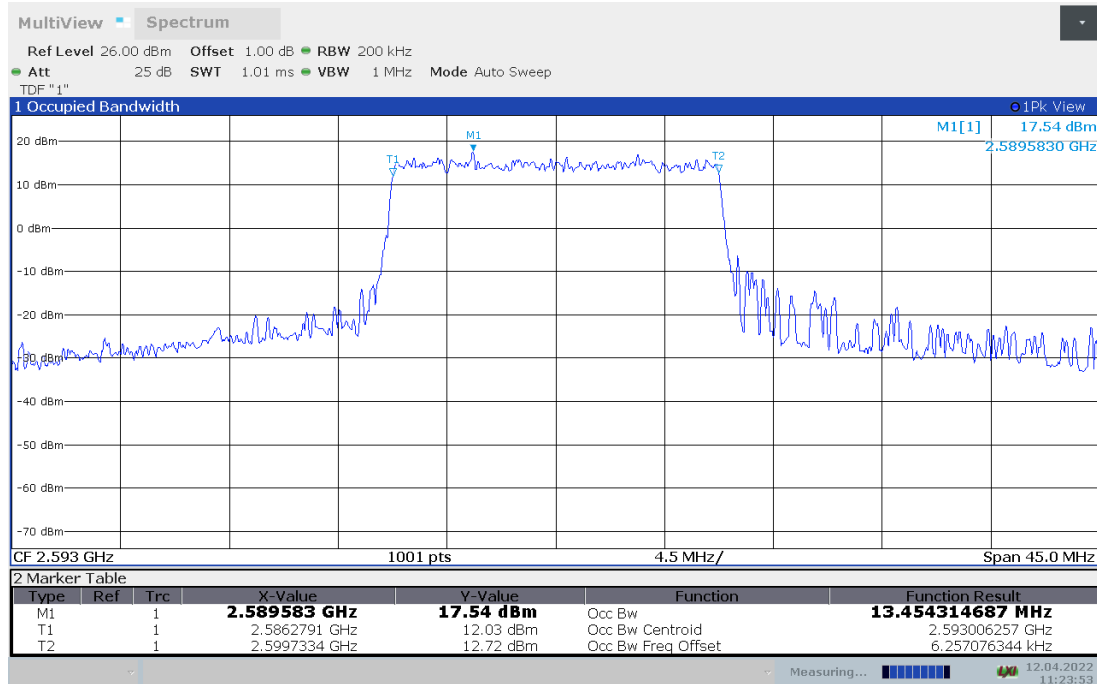
LTE band 41 , 10MHz Bandwidth,16QAM (99% BW)



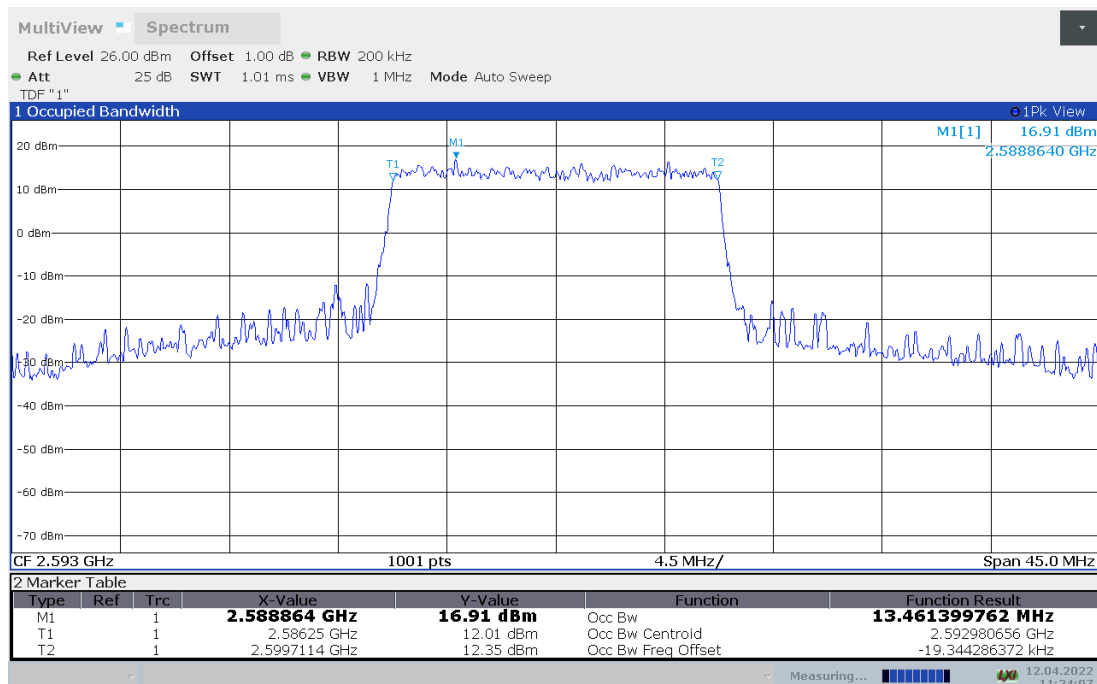
LTE band 41, 15MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2595	13.454	13.461

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



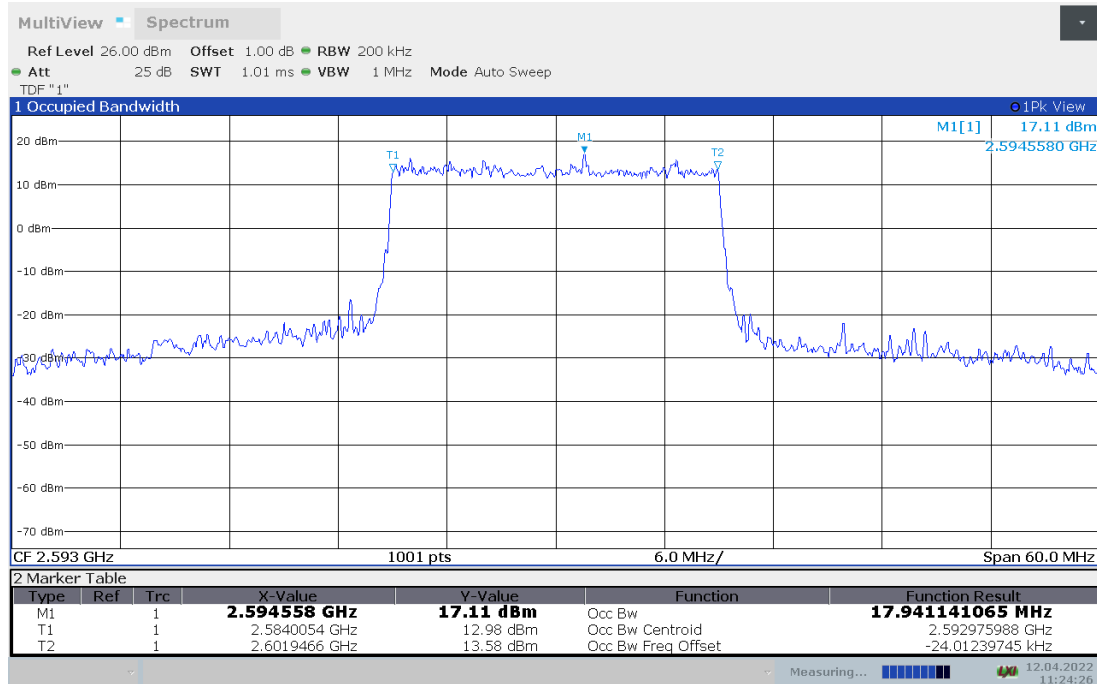
LTE band 41 , 15MHz Bandwidth,16QAM (99% BW)



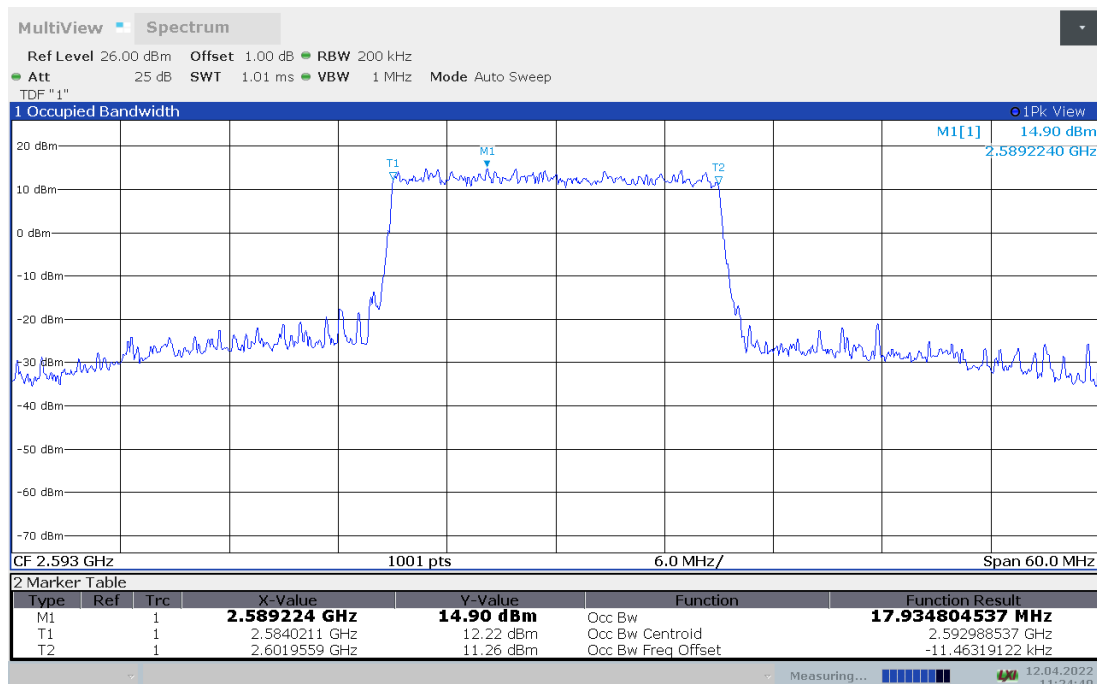
LTE band 41, 20MHz (99% BW)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2595	17.941	17.935

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



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



A.5 Emission Bandwidth

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

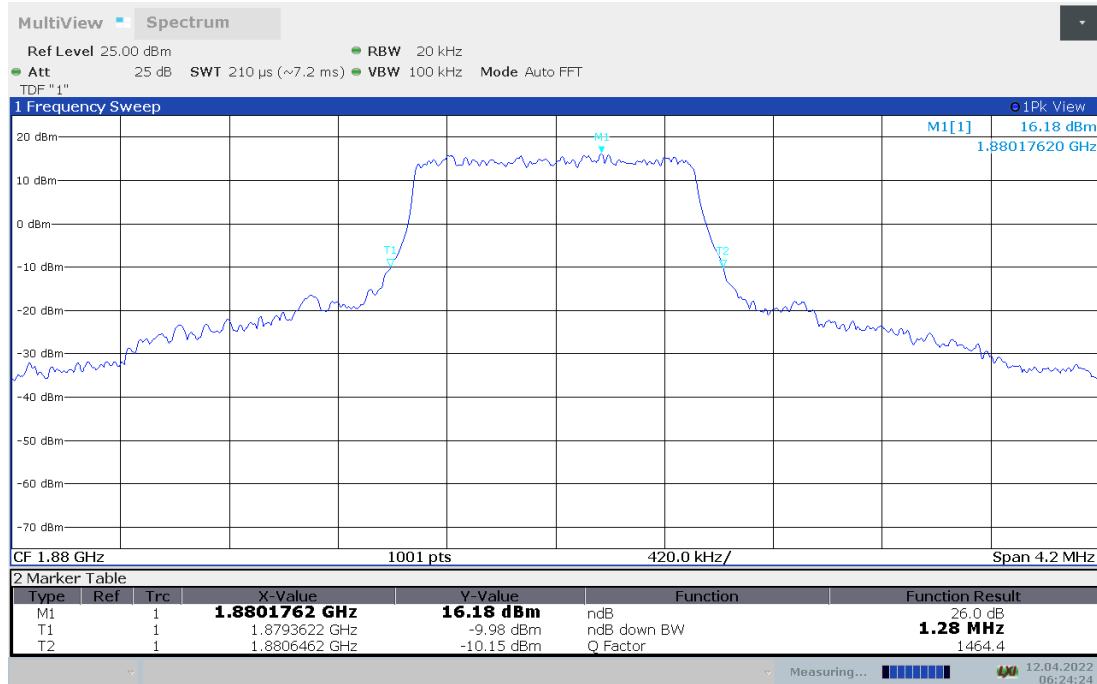
The measurement method is from ANSI C63.26:

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

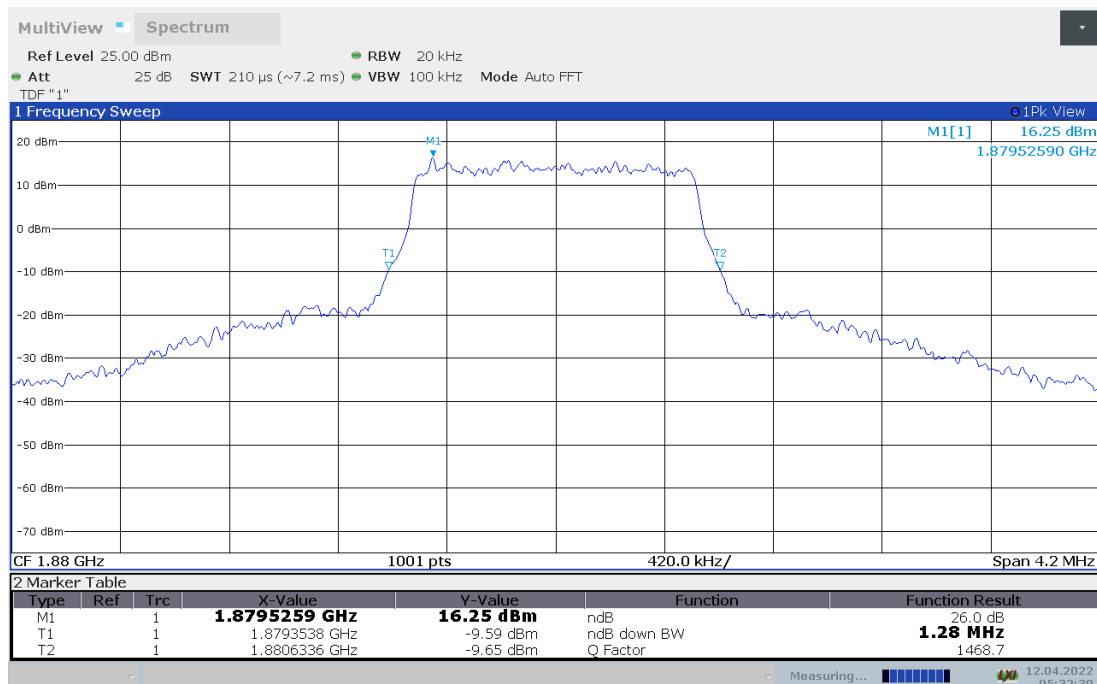
LTE band 2, 1.4MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	1.28	1.28

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



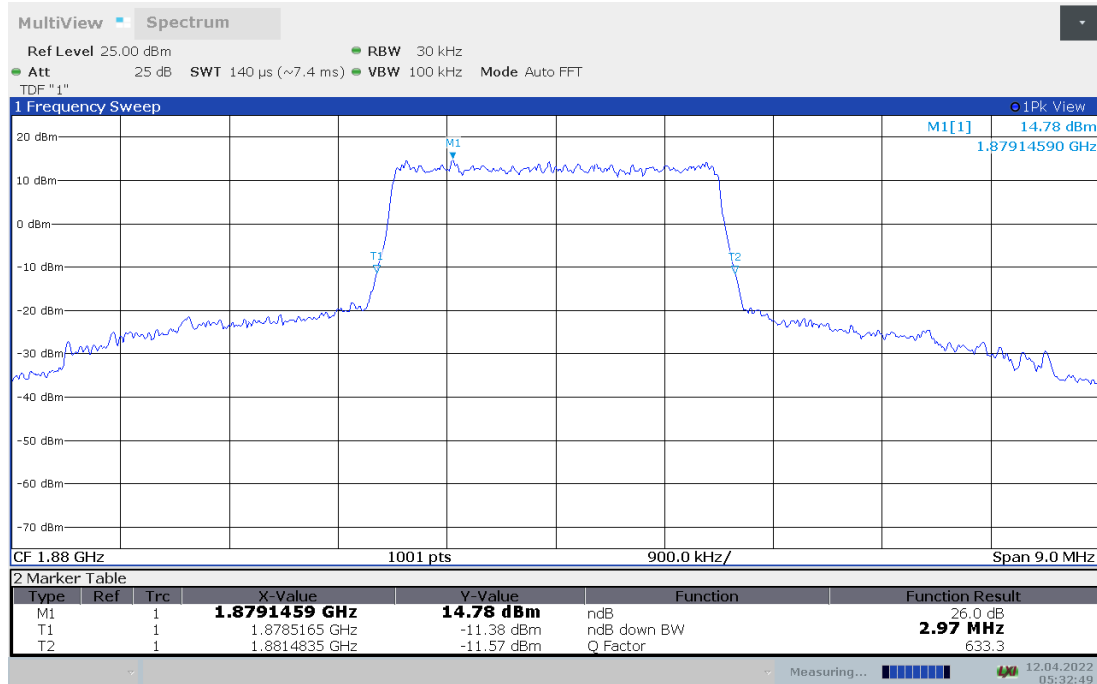
LTE band 2 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



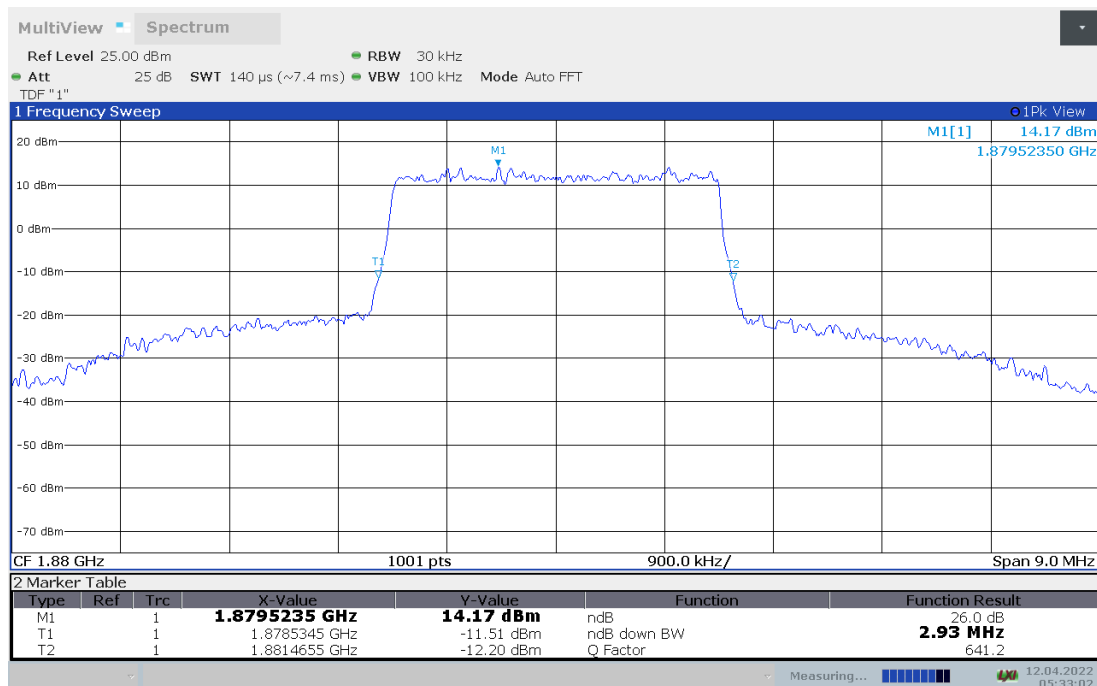
LTE band 2, 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	2.97	2.93

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



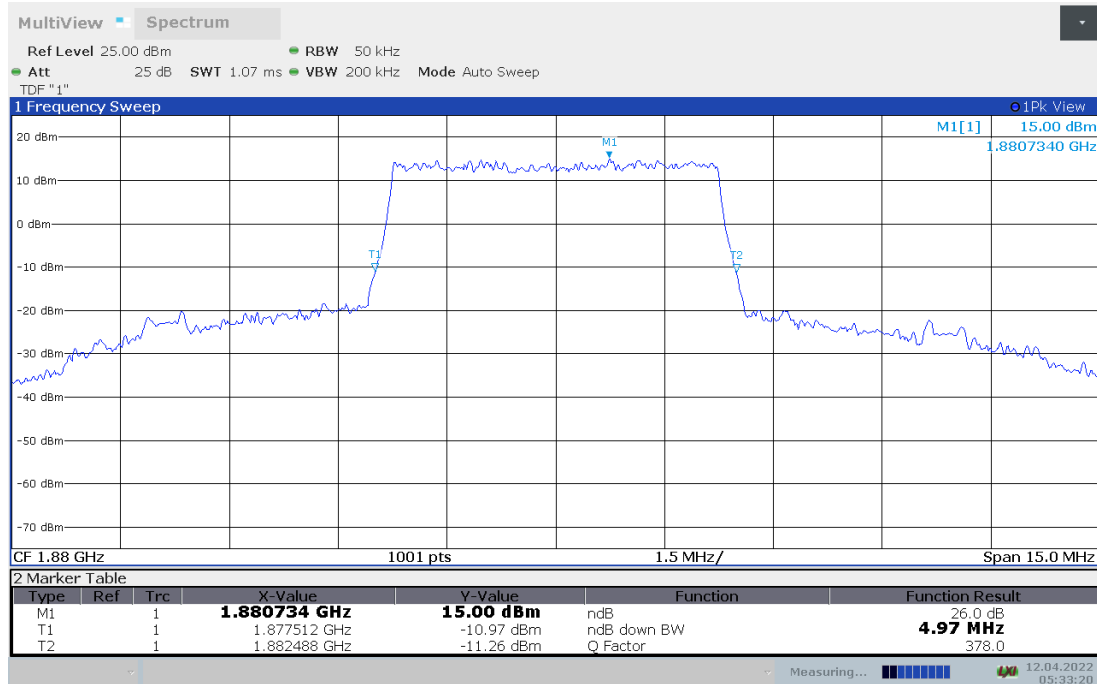
LTE band 2 , 3MHz Bandwidth,16QAM (-26dBc BW)



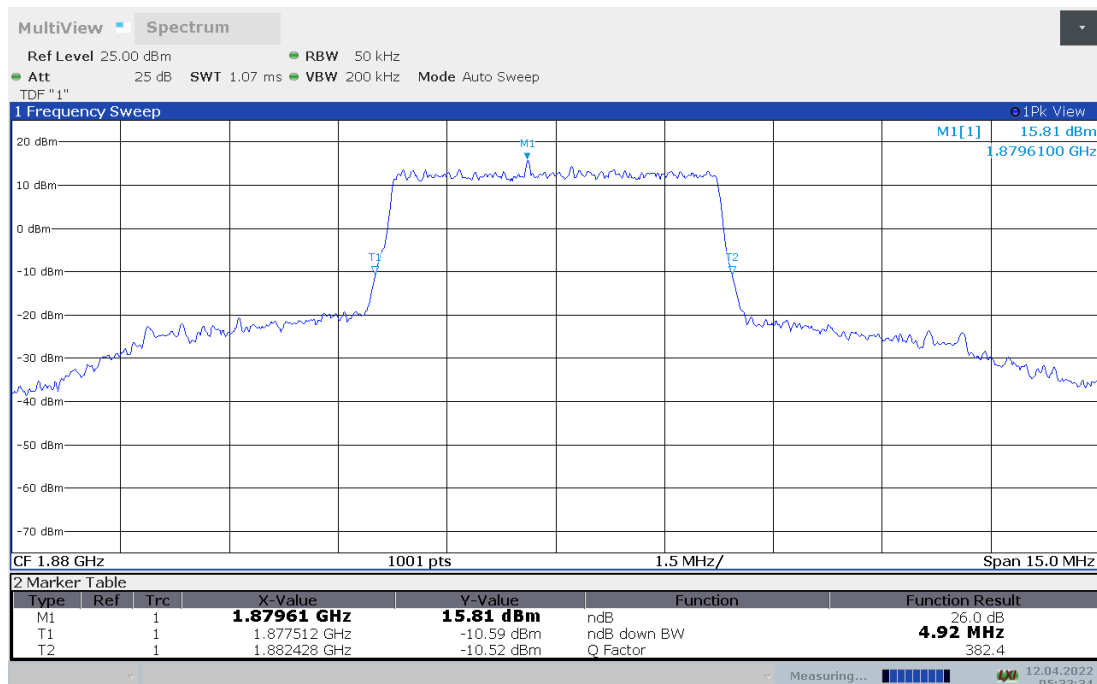
LTE band 2, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	4.97	4.92

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



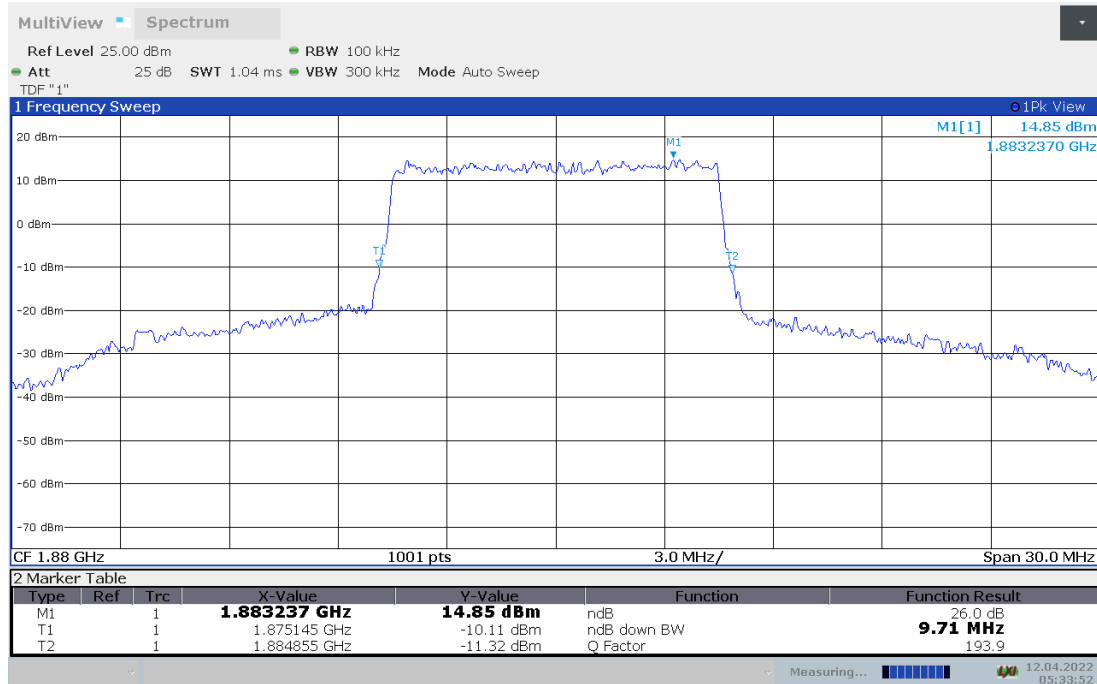
LTE band 2 , 5MHz Bandwidth,16QAM (-26dBc BW)



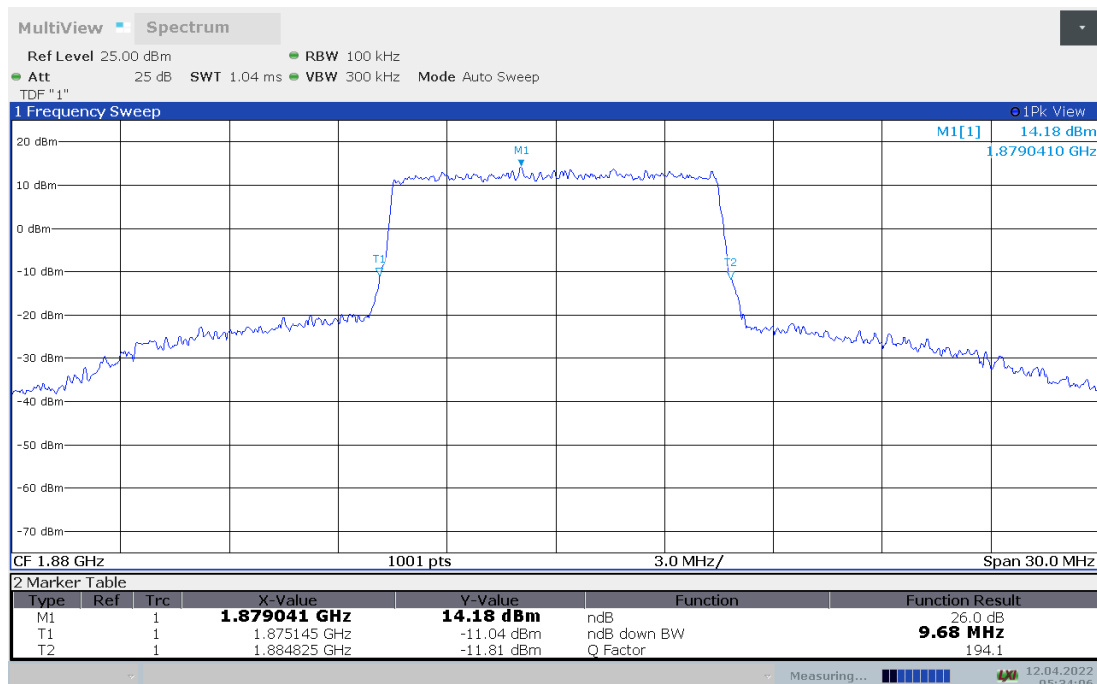
LTE band 2, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	9.71	9.68

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



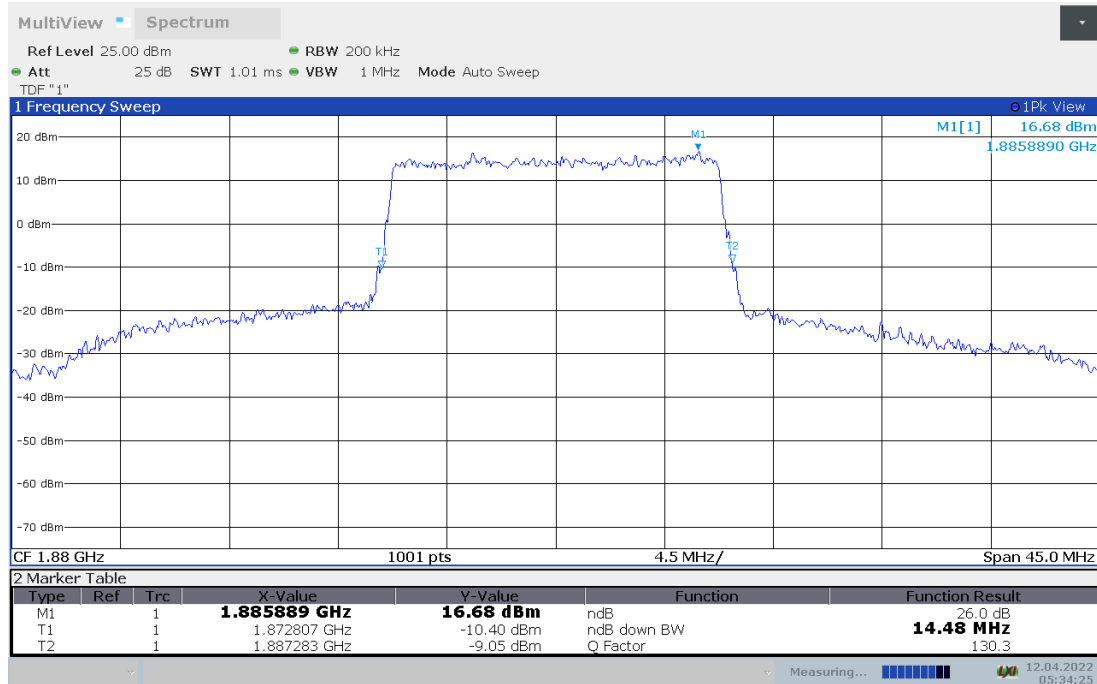
LTE band 2 , 10MHz Bandwidth,16QAM (-26dBc BW)



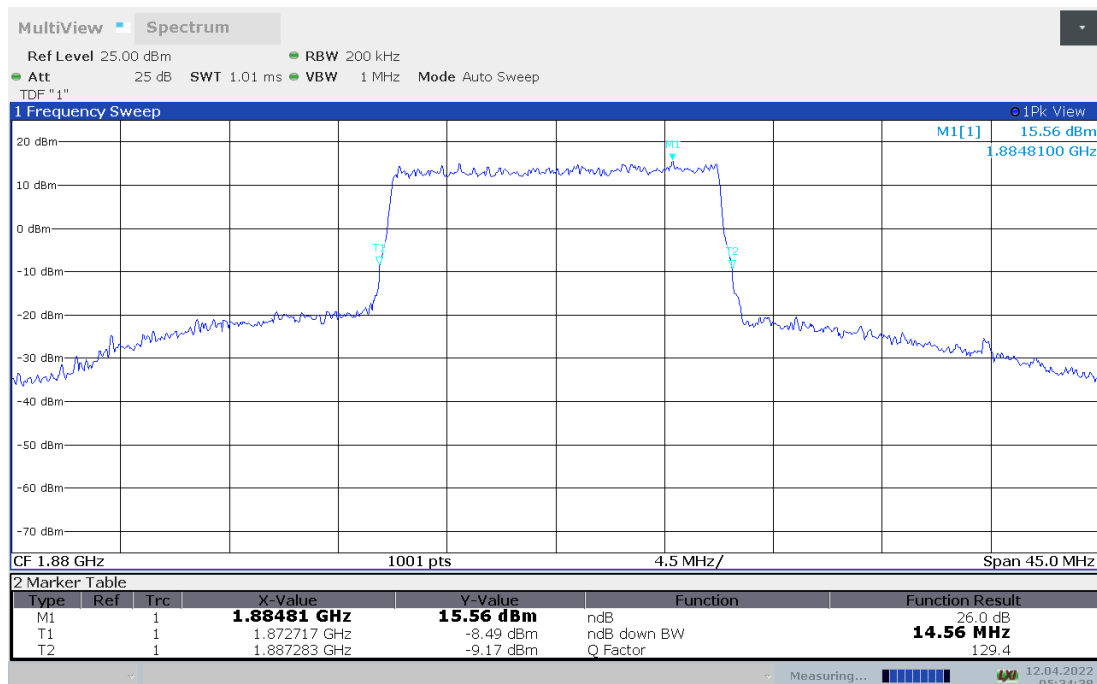
LTE band 2, 15MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	14.48	14.56

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



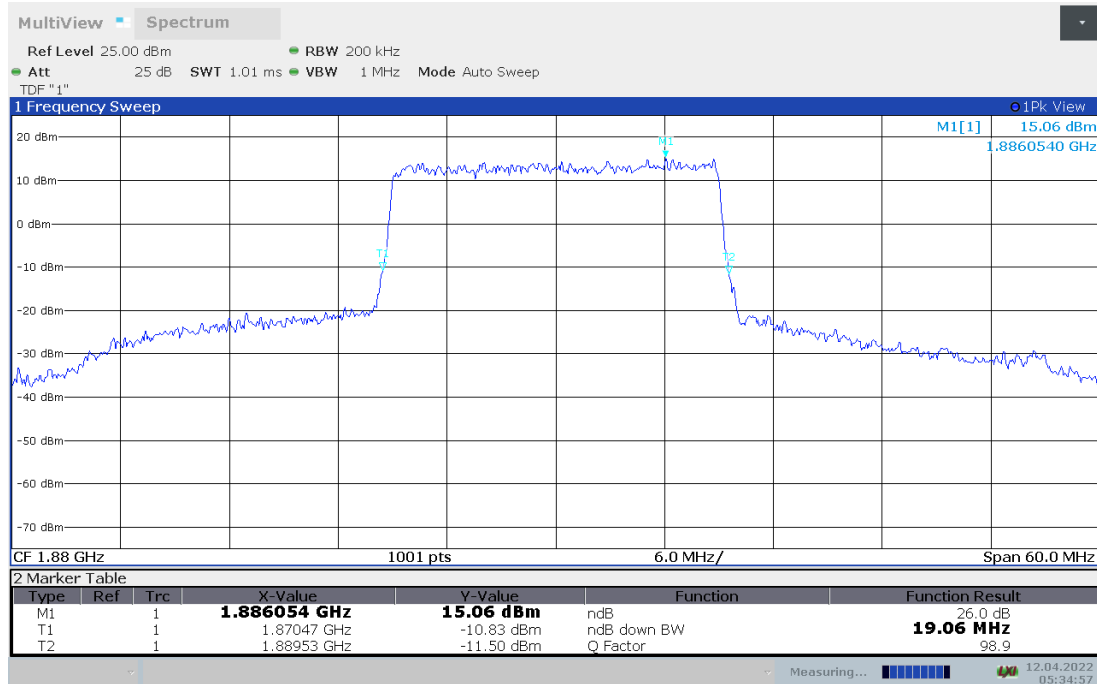
LTE band 2 , 15MHz Bandwidth,16QAM (-26dBc BW)



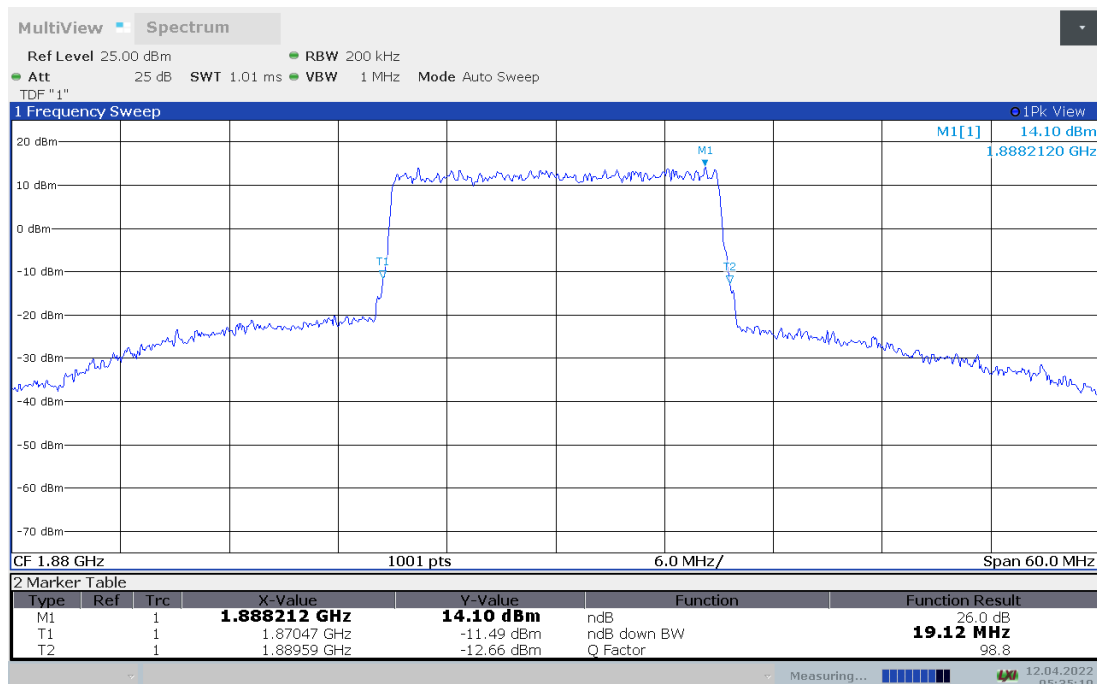
LTE band 2, 20MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	19.06	19.12

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



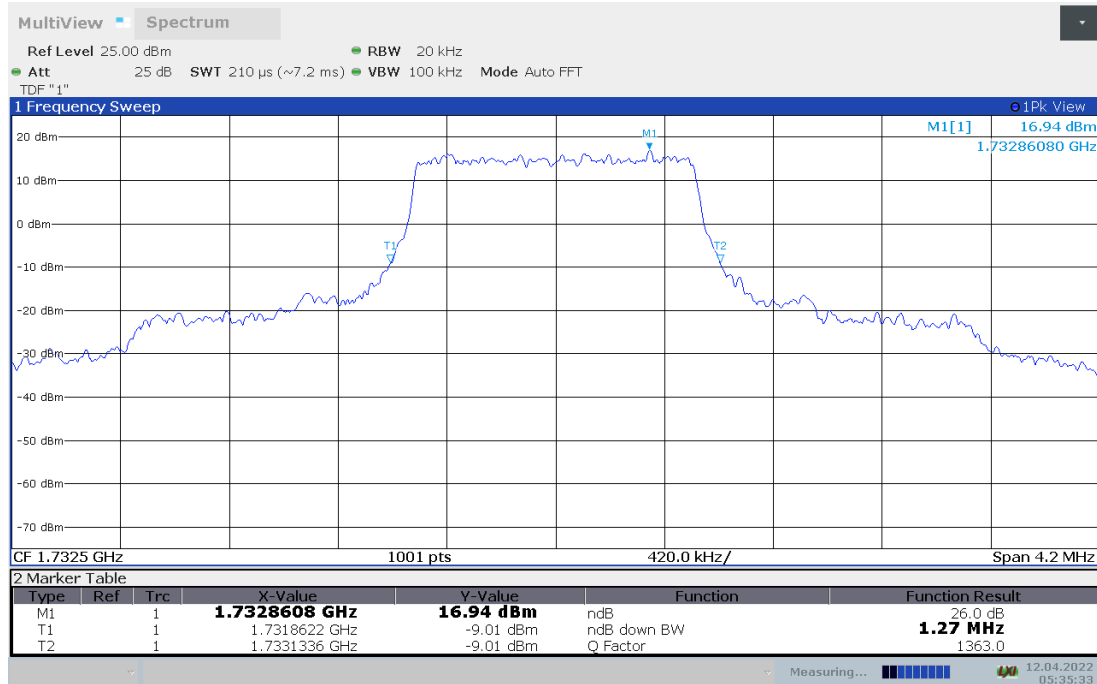
LTE band 2 , 20MHz Bandwidth,16QAM (-26dBc BW)



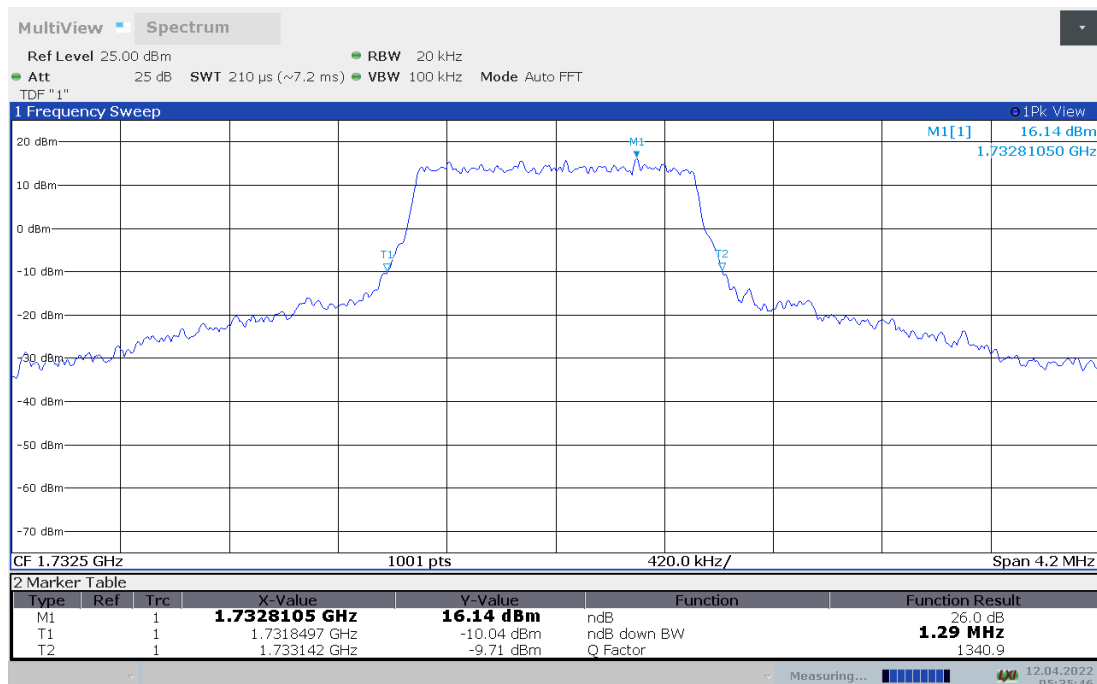
LTE band 4, 1.4MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	1.27	1.29

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



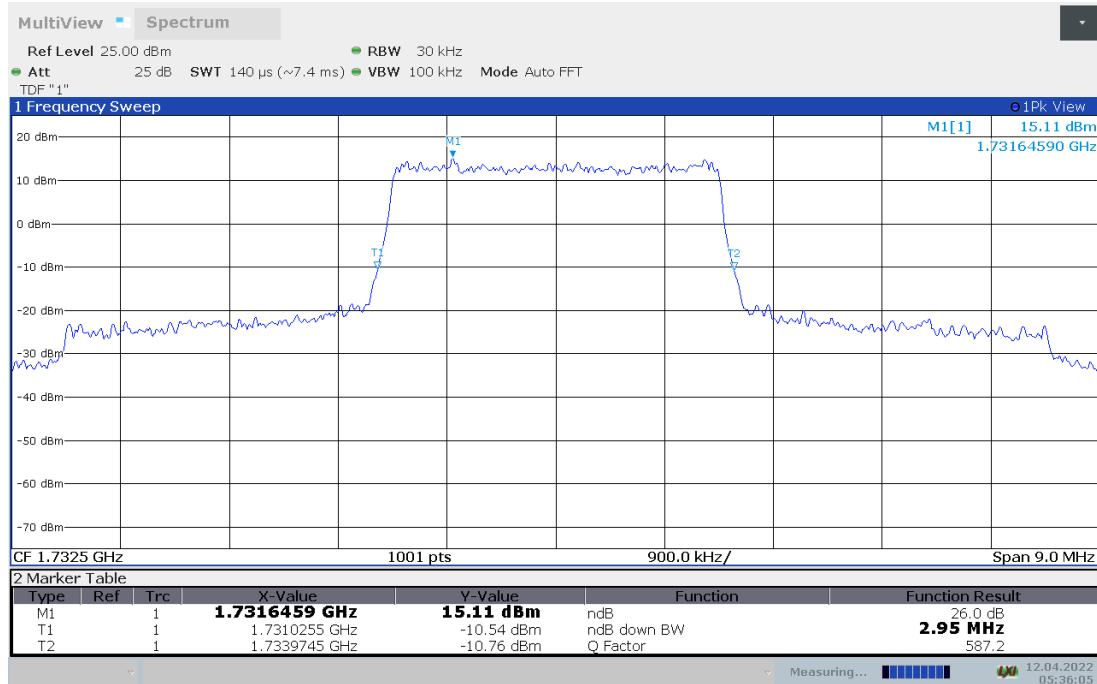
LTE band 4 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



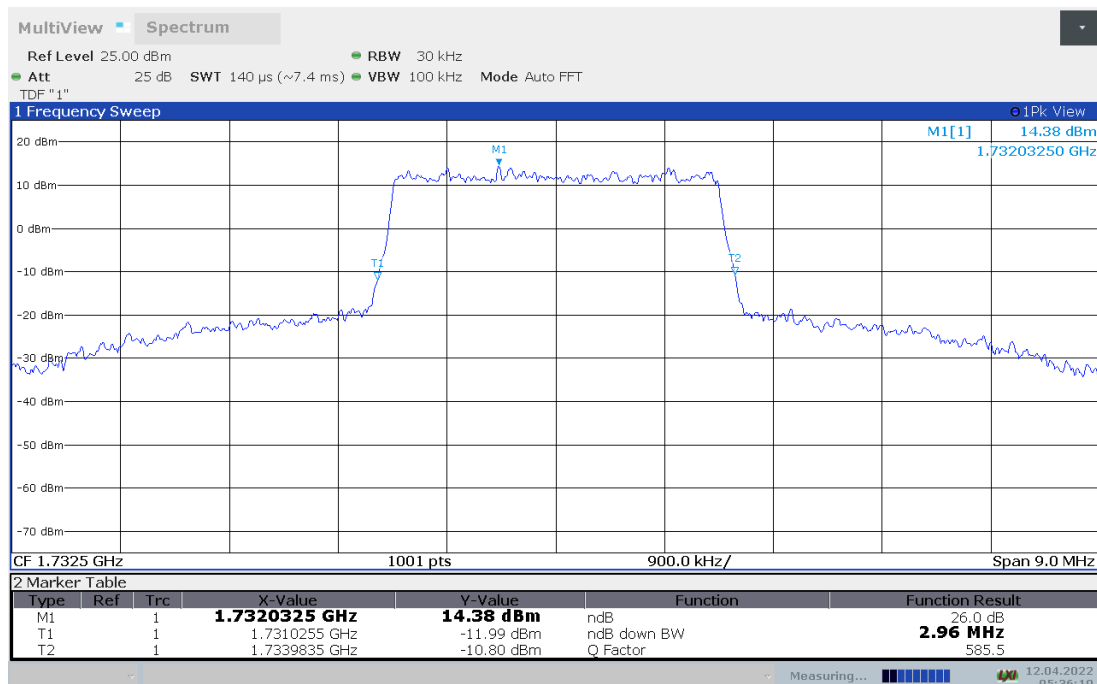
LTE band 4, 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	2.95	2.96

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



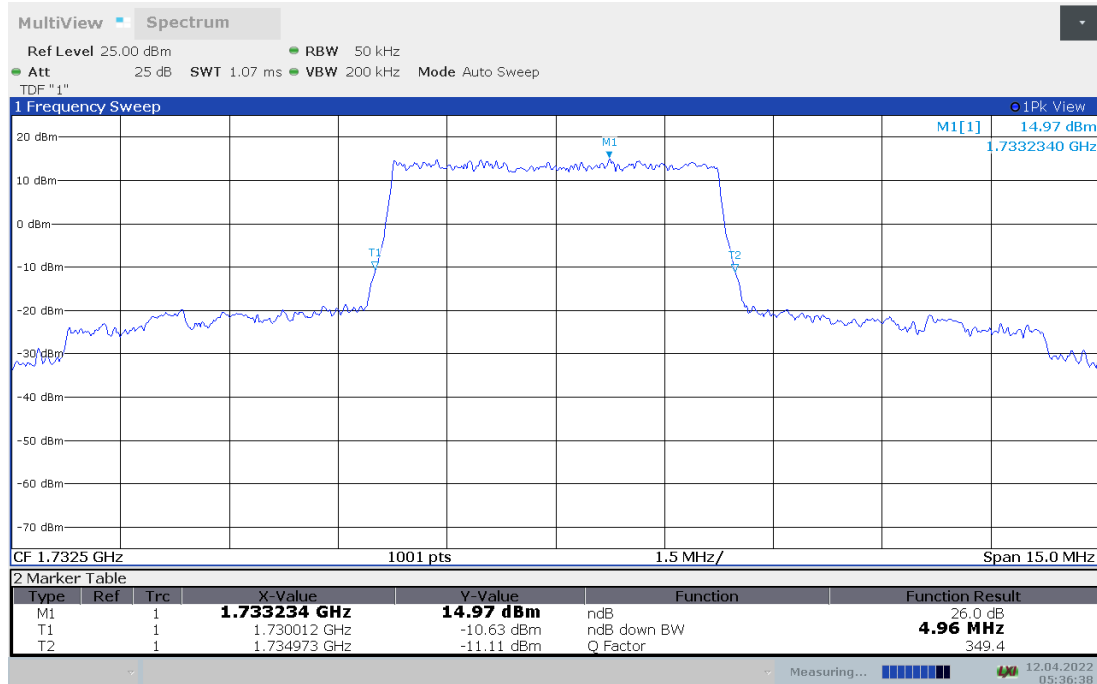
LTE band 4 , 3MHz Bandwidth,16QAM (-26dBc BW)



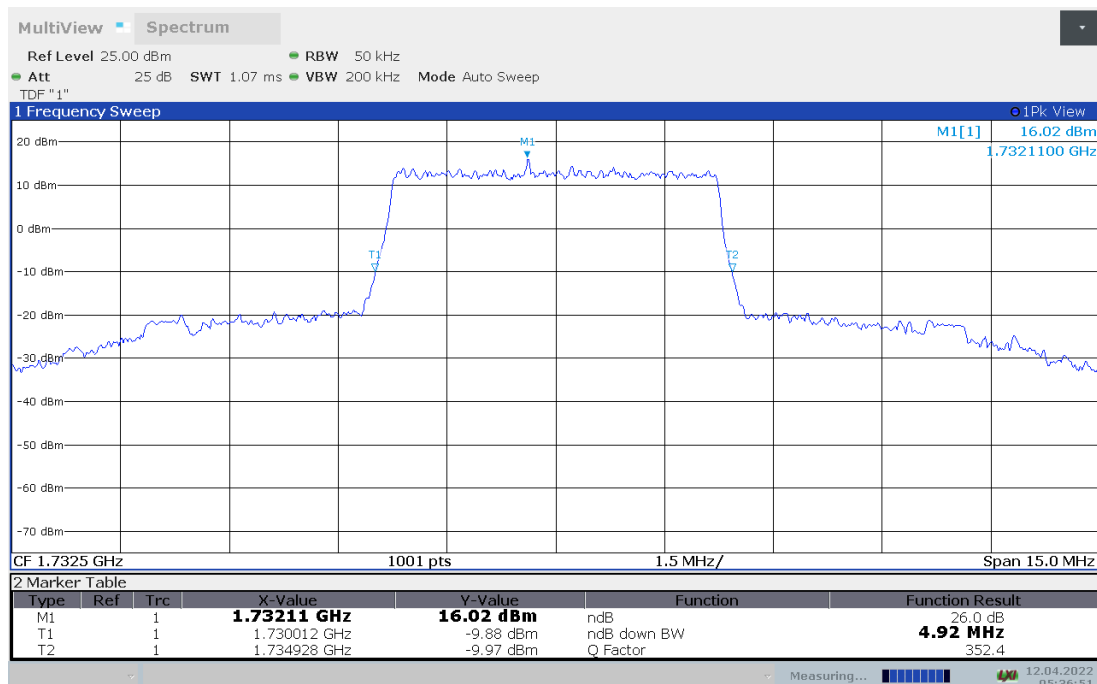
LTE band 4, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	4.96	4.92

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



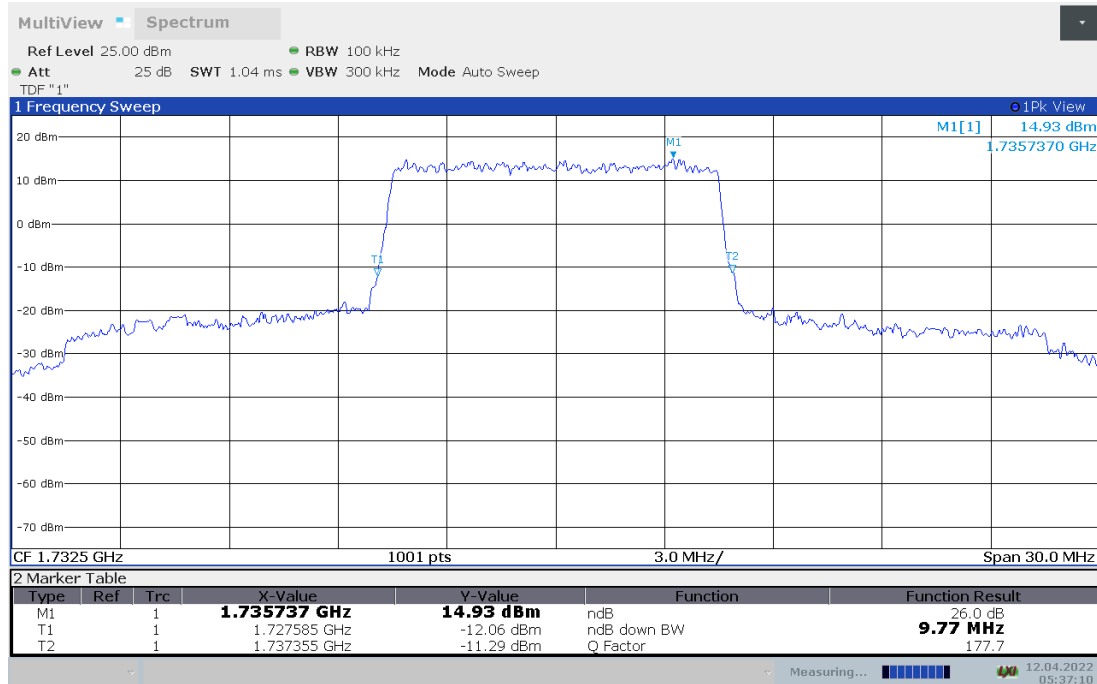
LTE band 4 , 5MHz Bandwidth,16QAM (-26dBc BW)



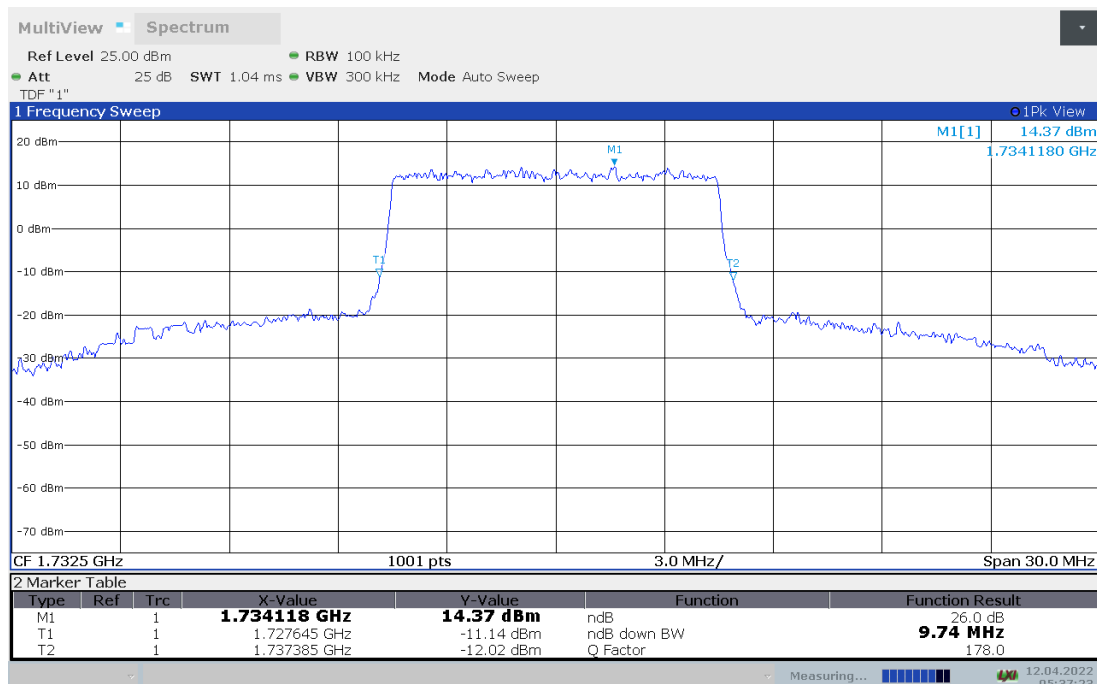
LTE band 4, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	9.77	9.74

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



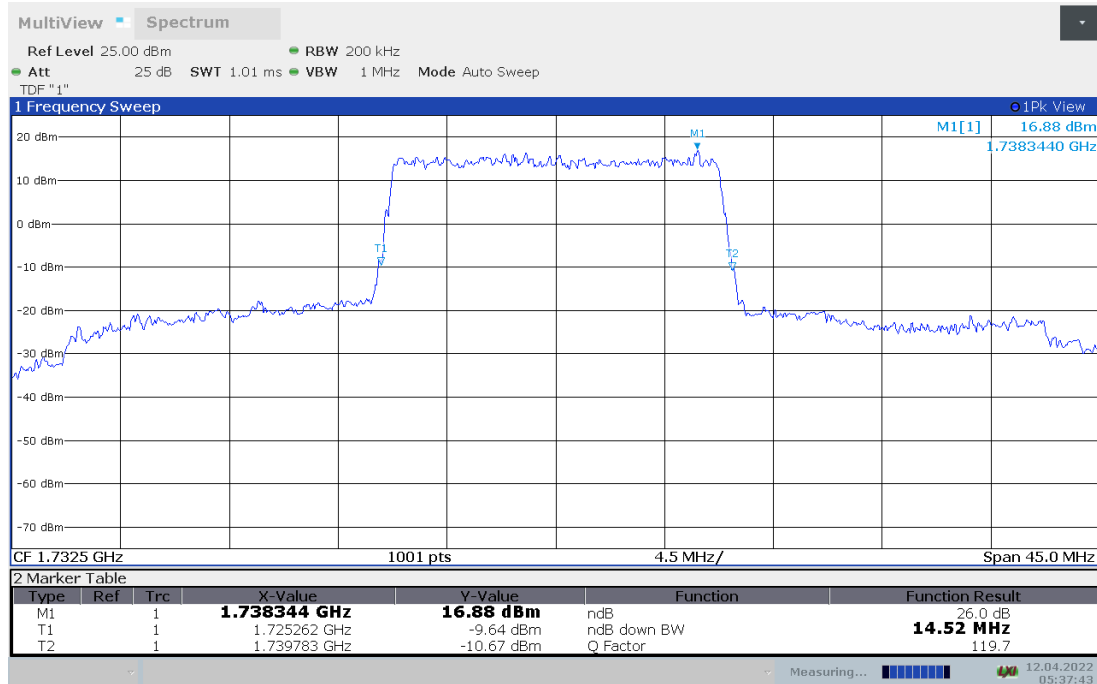
LTE band 4 , 10MHz Bandwidth,16QAM (-26dBc BW)



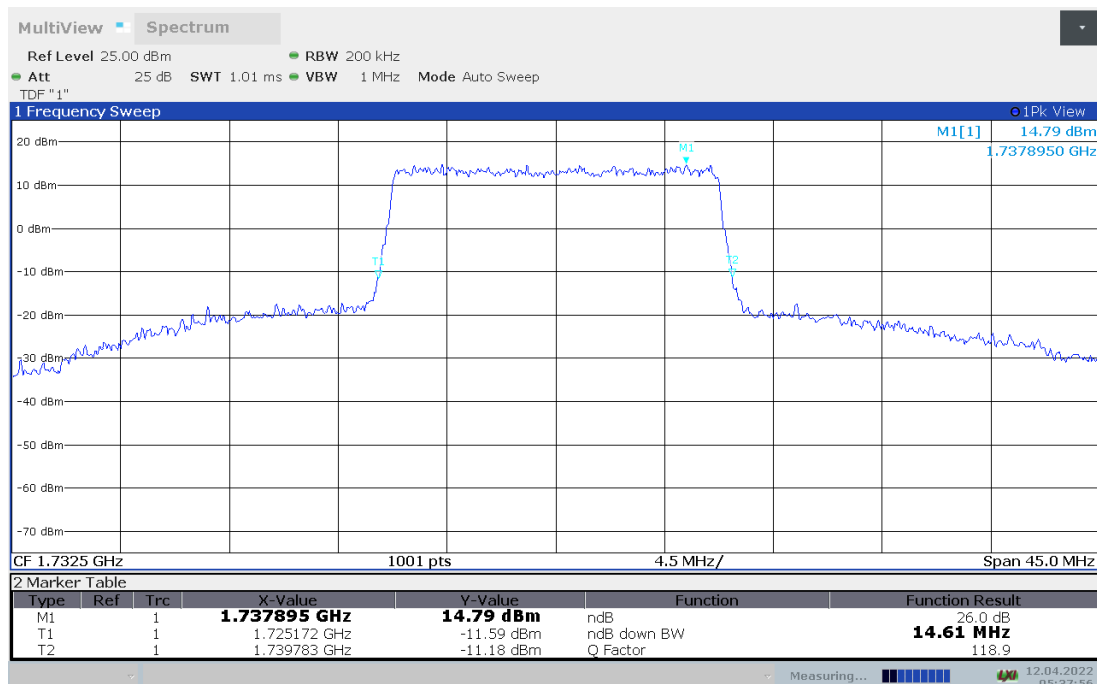
LTE band 4, 15MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	14.52	14.61

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



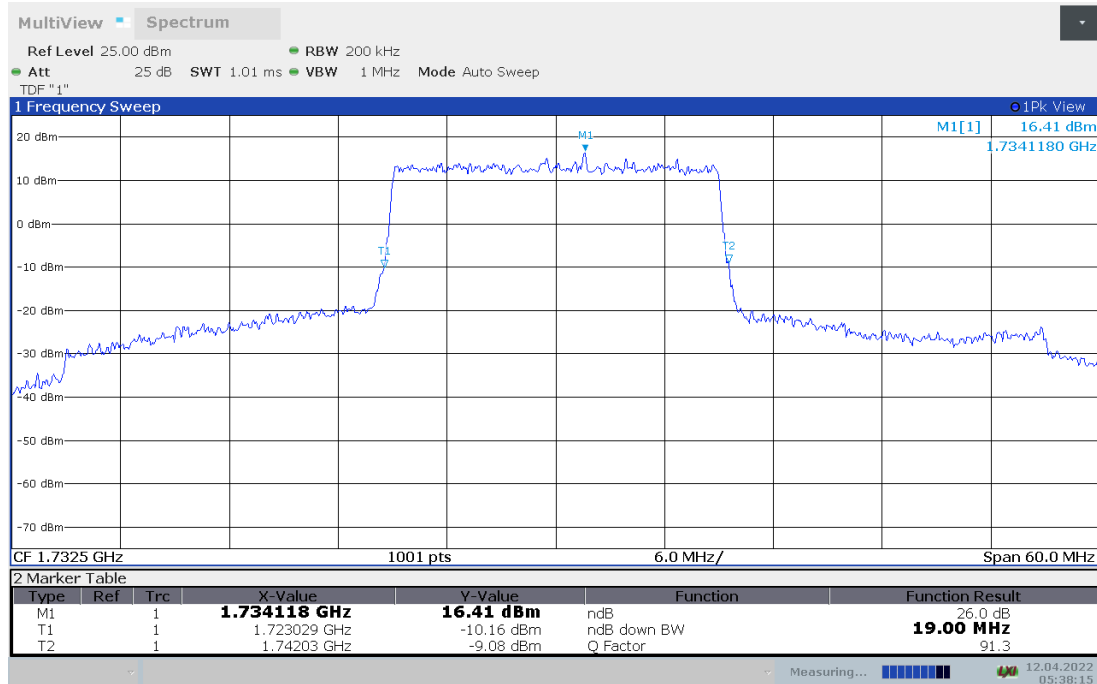
LTE band 4 , 15MHz Bandwidth,16QAM (-26dBc BW)



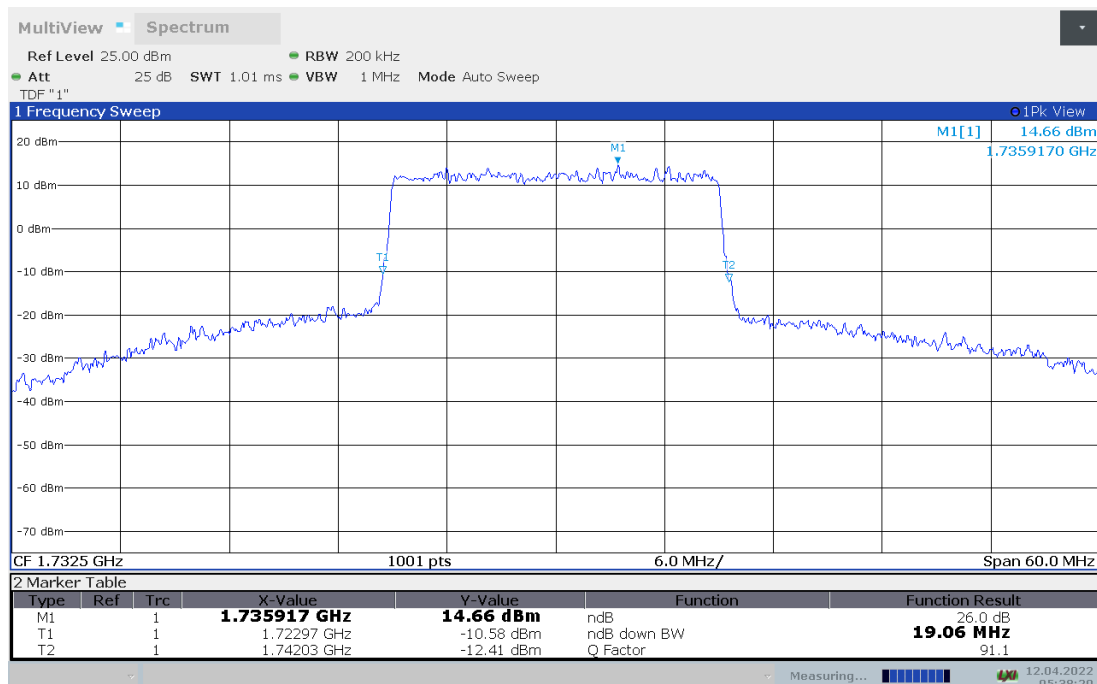
LTE band 4, 20MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	19.00	19.06

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



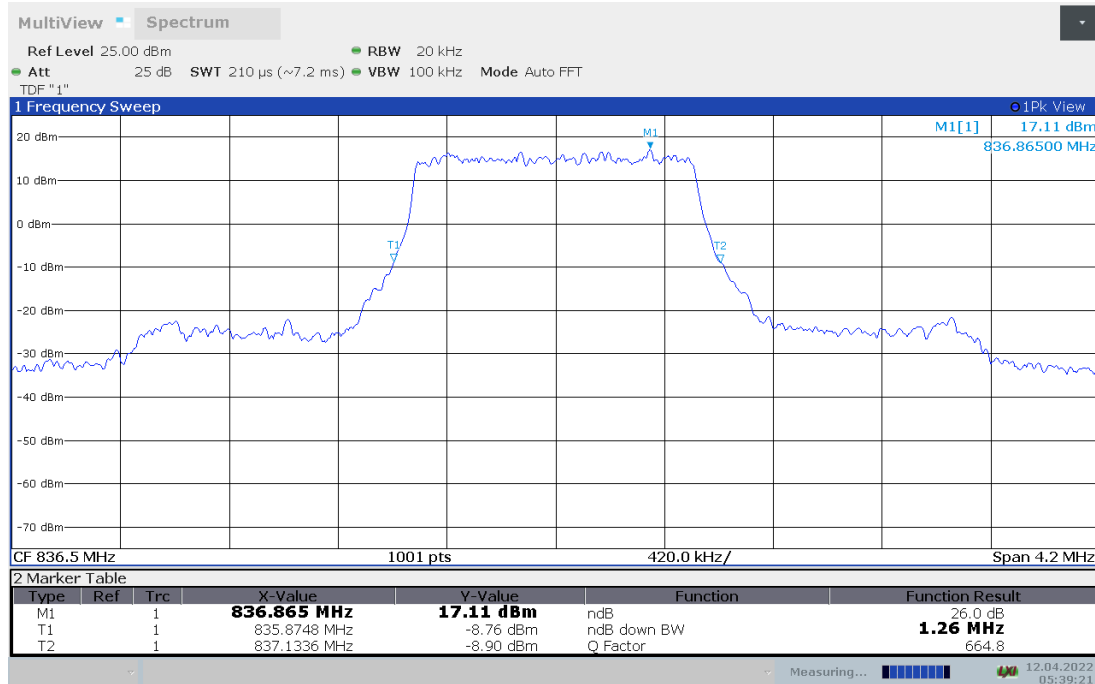
LTE band 4 , 20MHz Bandwidth,16QAM (-26dBc BW)



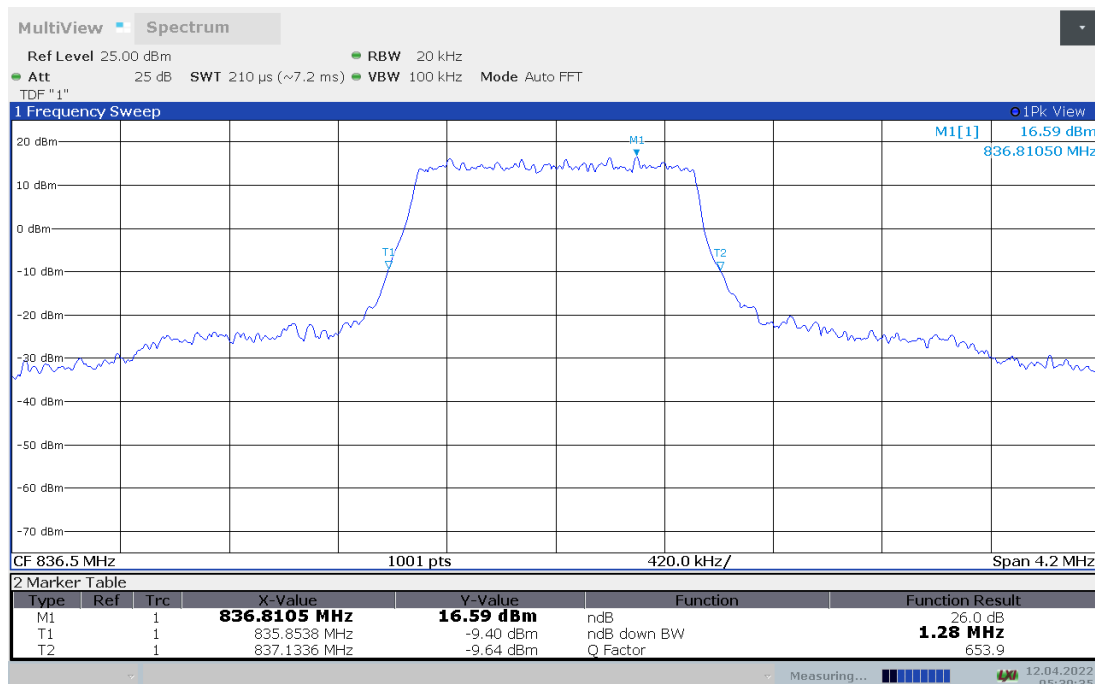
LTE band 5, 1.4MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	1.26	1.28

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



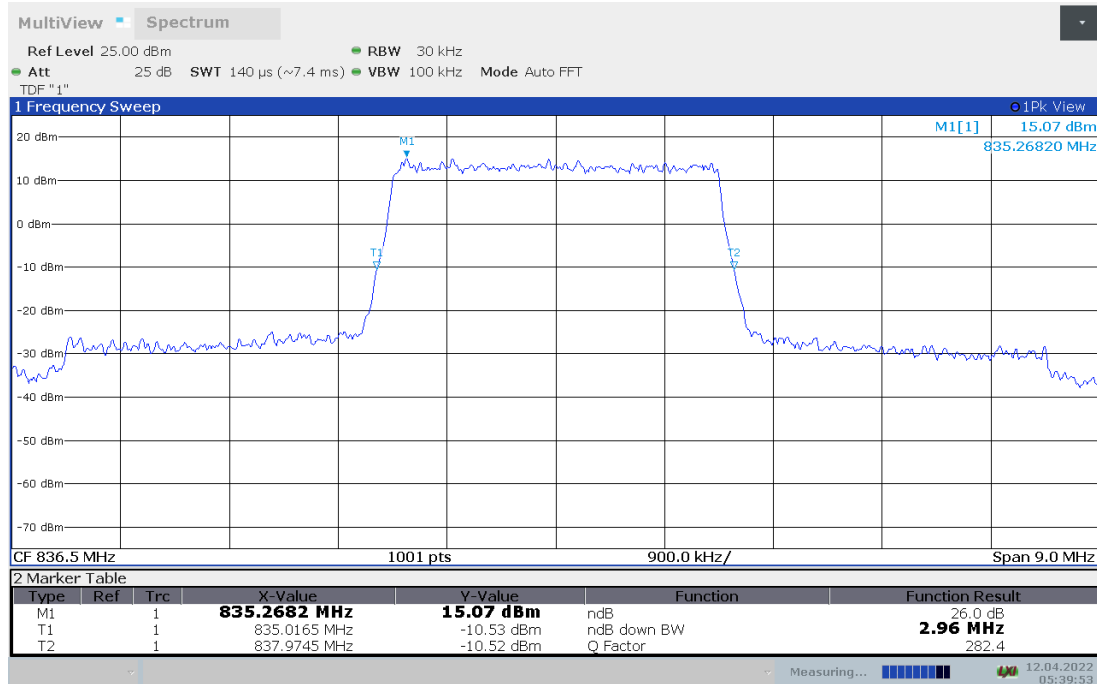
LTE band 5 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



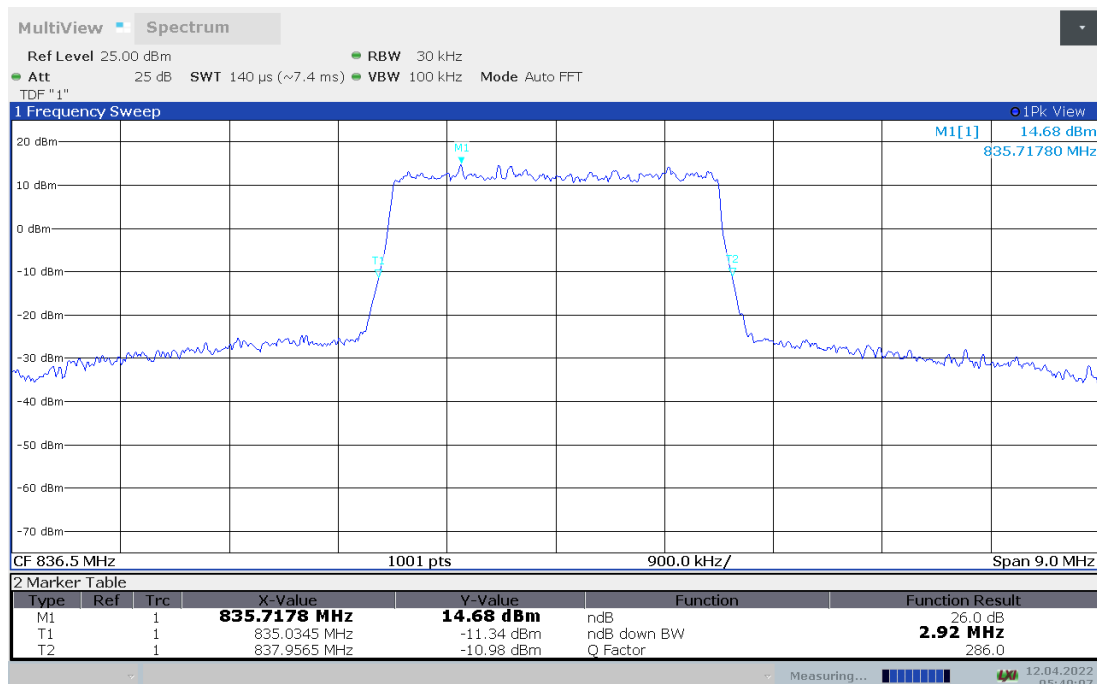
LTE band 5, 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	2.96	2.92

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



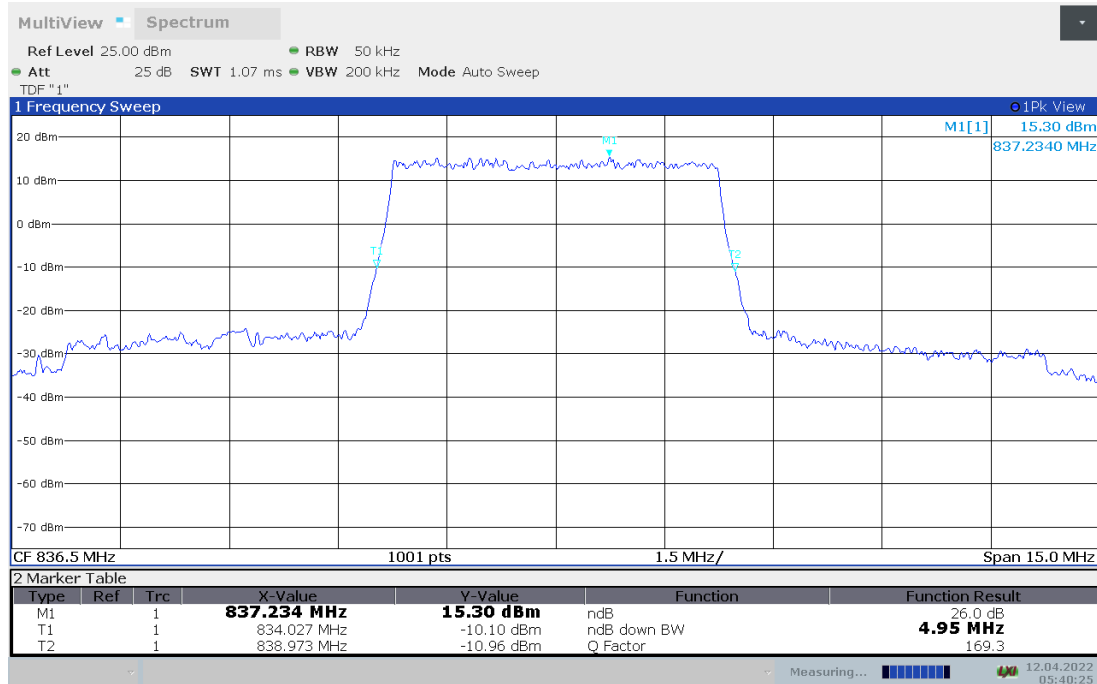
LTE band 5 , 3MHz Bandwidth,16QAM (-26dBc BW)



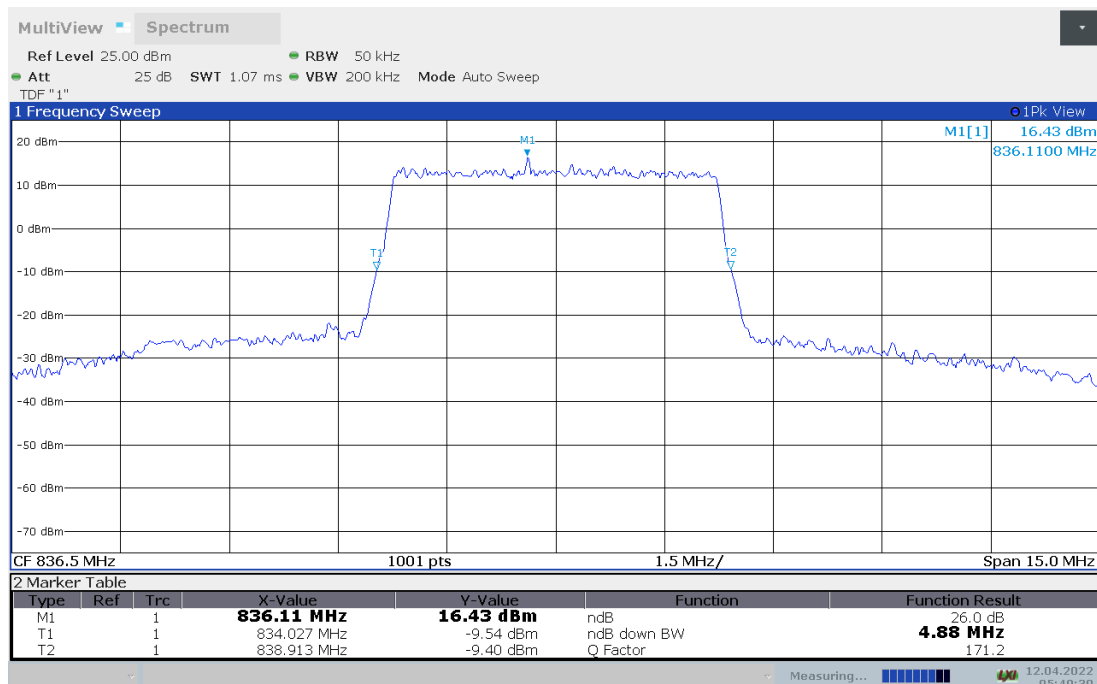
LTE band 5, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	4.95	4.88

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



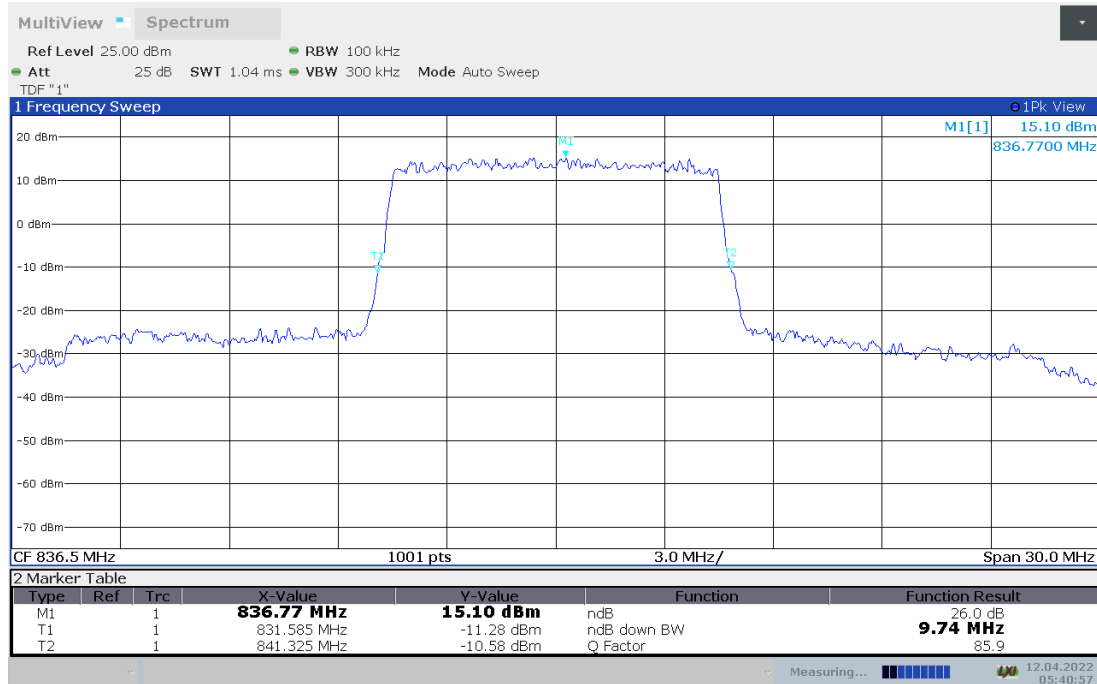
LTE band 5 , 5MHz Bandwidth,16QAM (-26dBc BW)



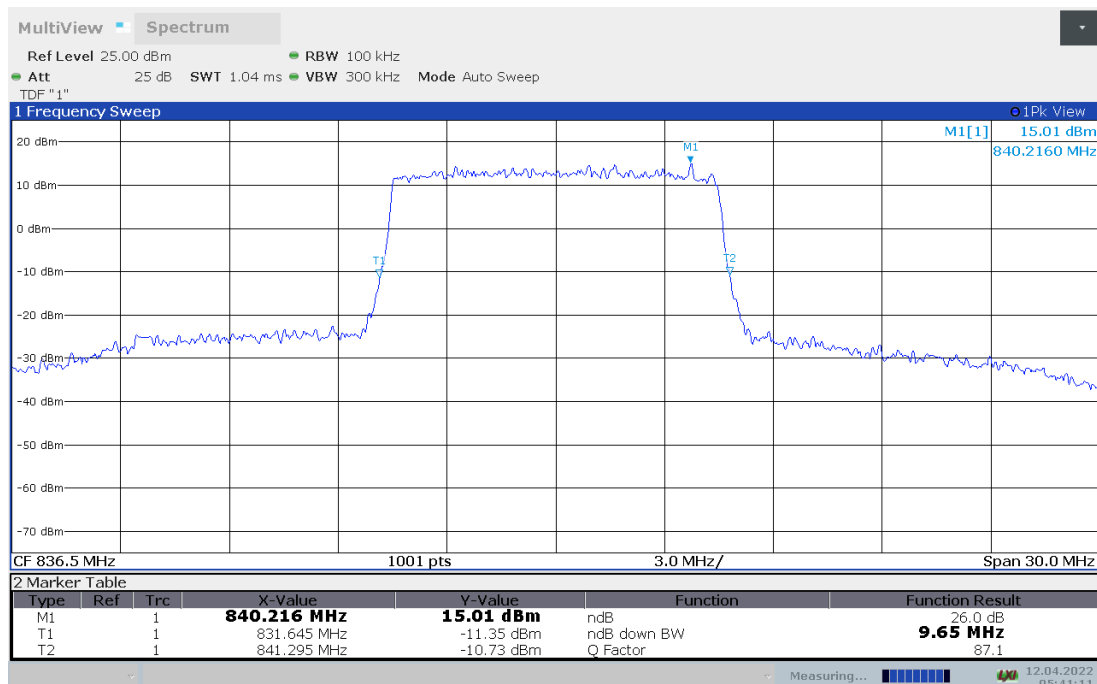
LTE band 5, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	9.74	9.65

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



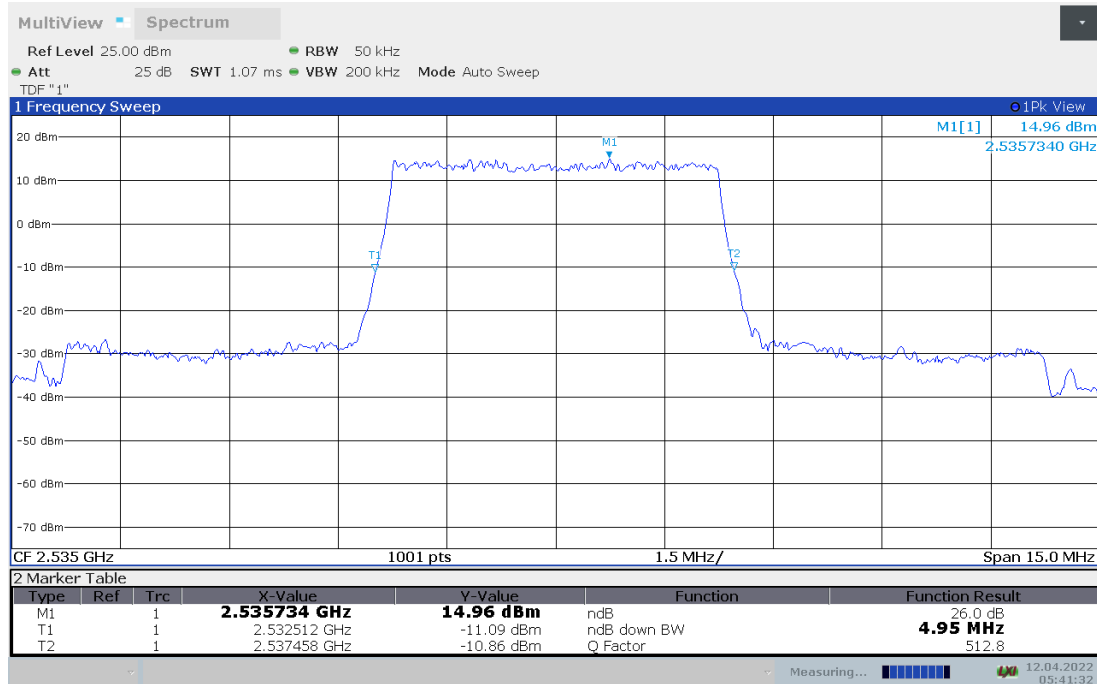
LTE band 5 , 10MHz Bandwidth,16QAM (-26dBc BW)



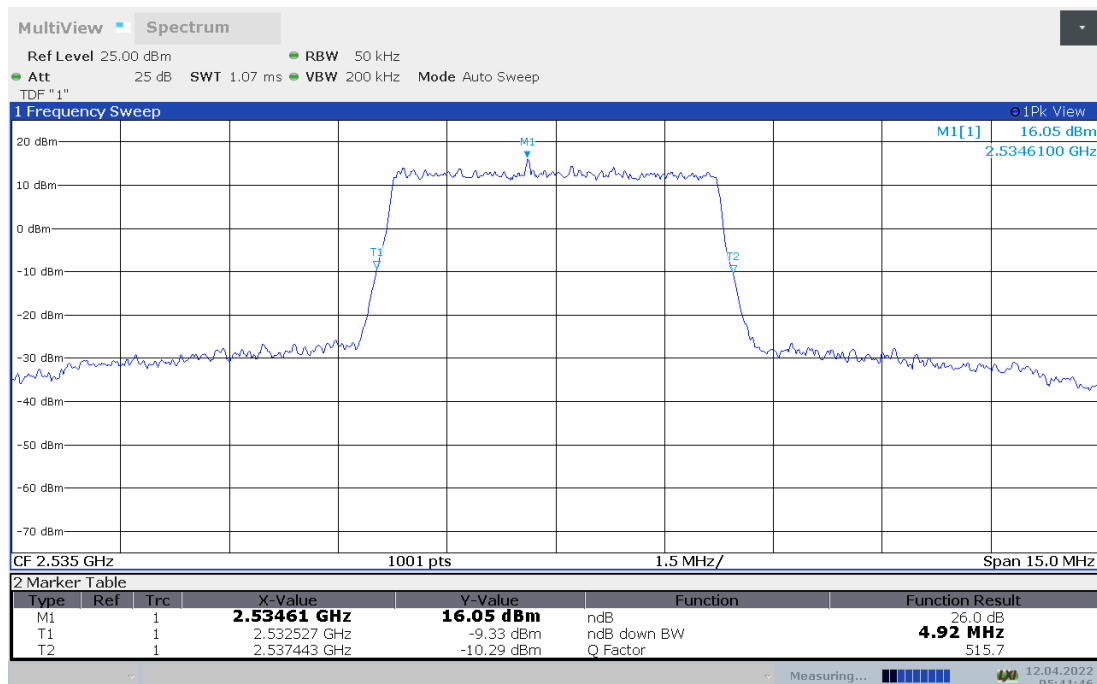
LTE band 7, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	4.95	4.92

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



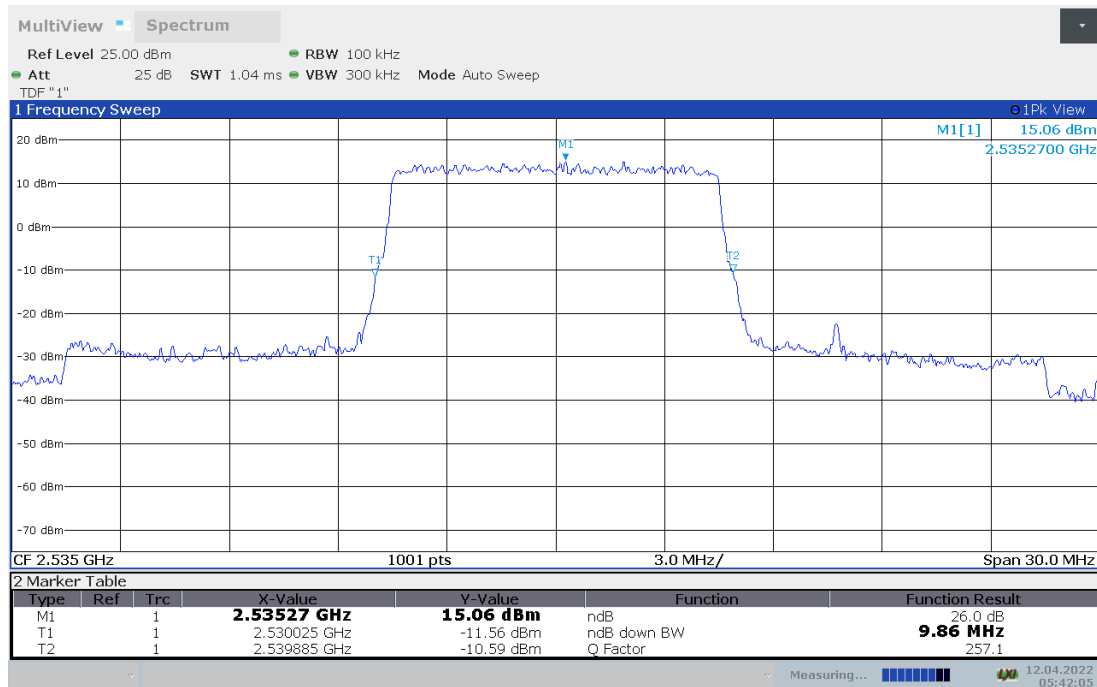
LTE band 7 , 5MHz Bandwidth,16QAM (-26dBc BW)



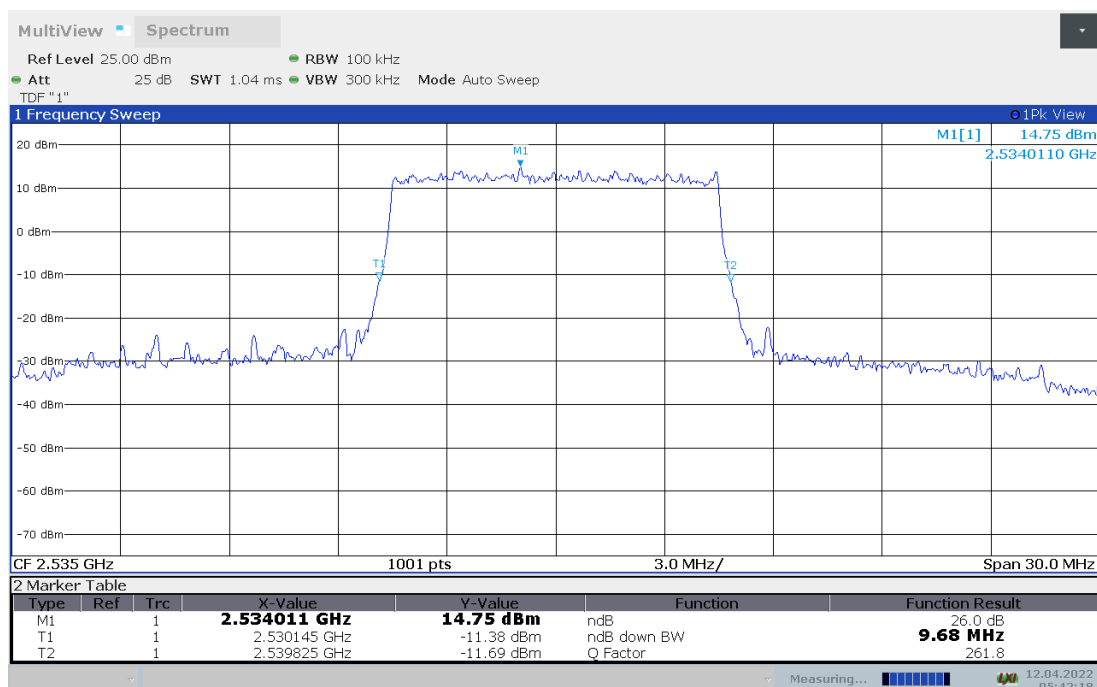
LTE band 7, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	9.86	9.68

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



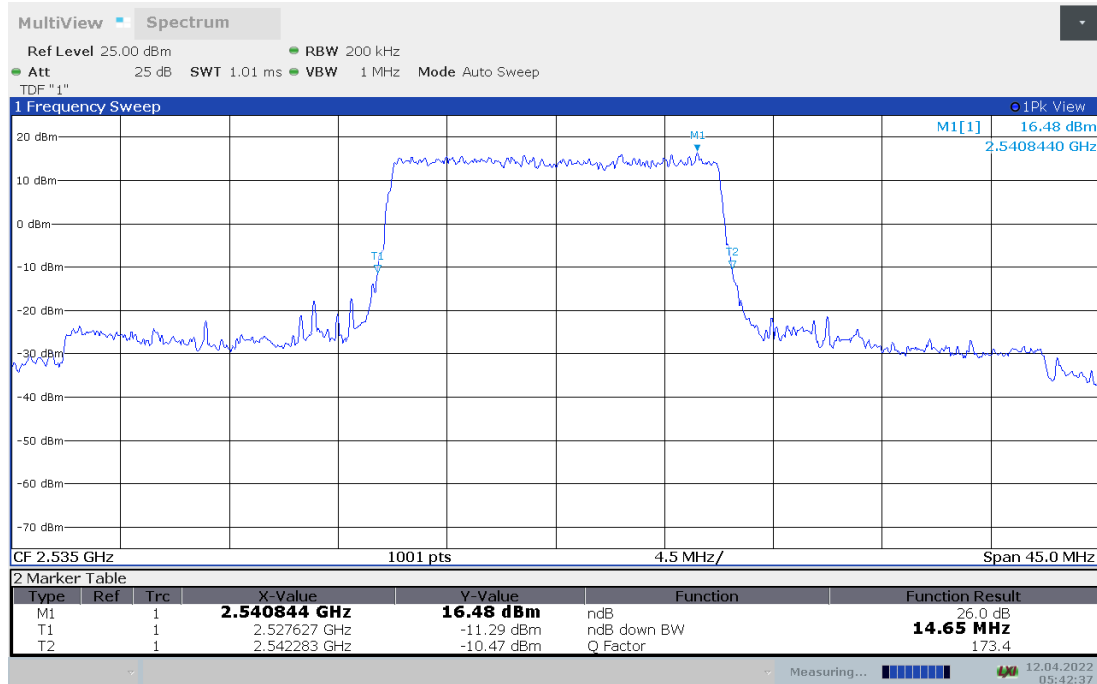
LTE band 7 , 10MHz Bandwidth,16QAM (-26dBc BW)



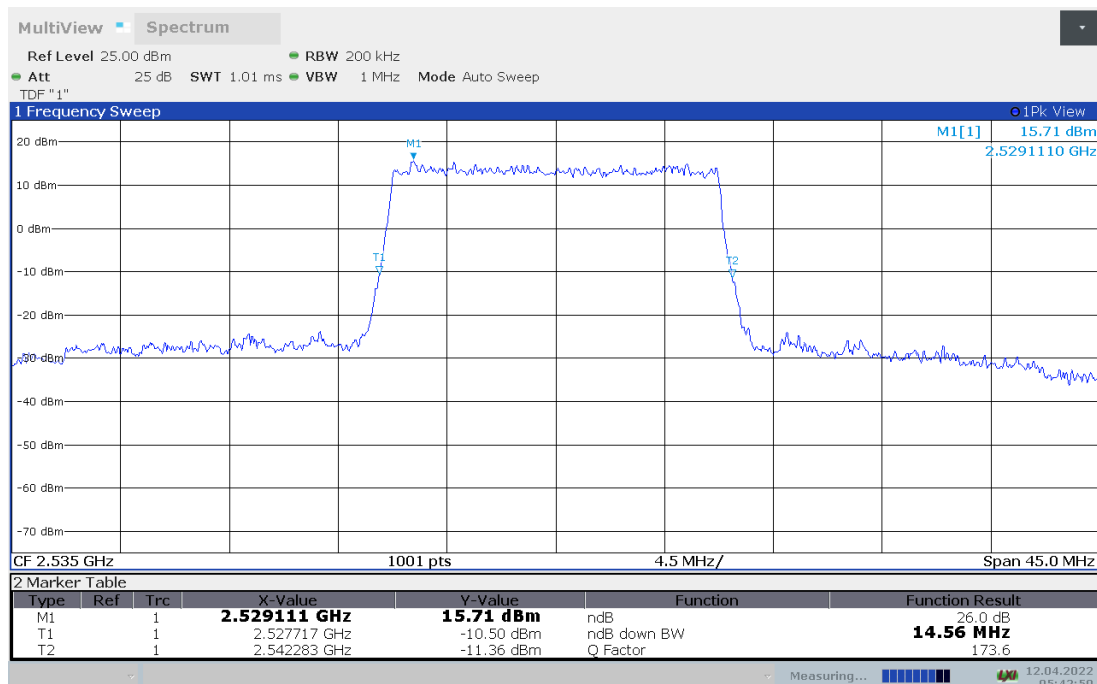
LTE band 7, 15MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	14.65	14.56

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



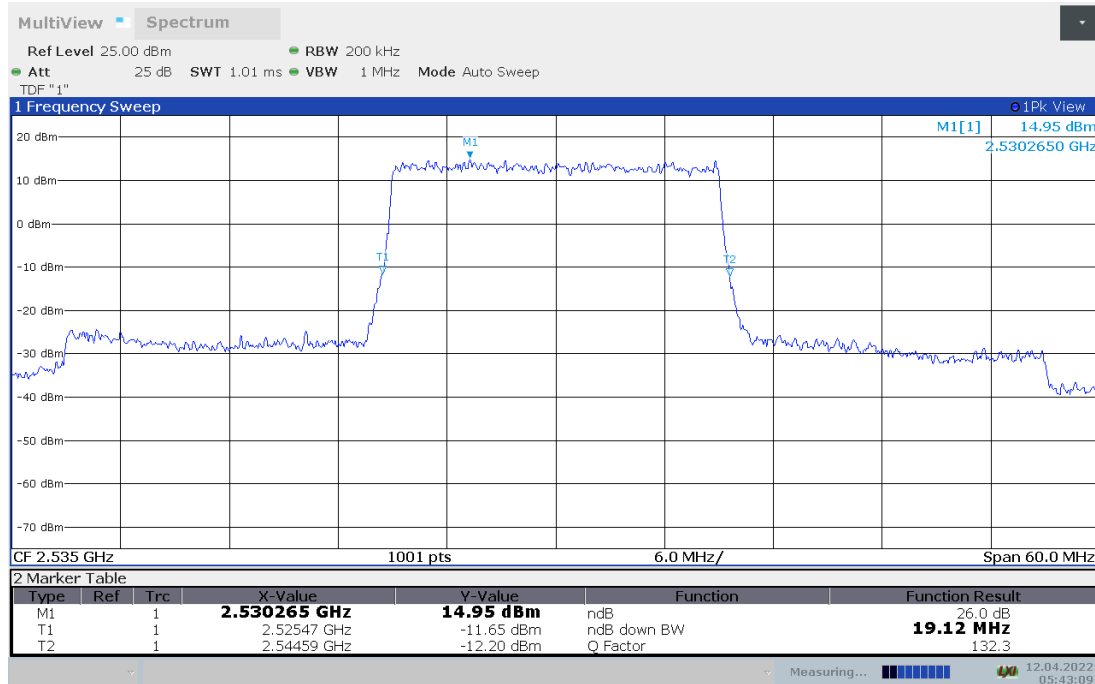
LTE band 7 , 15MHz Bandwidth,16QAM (-26dBc BW)



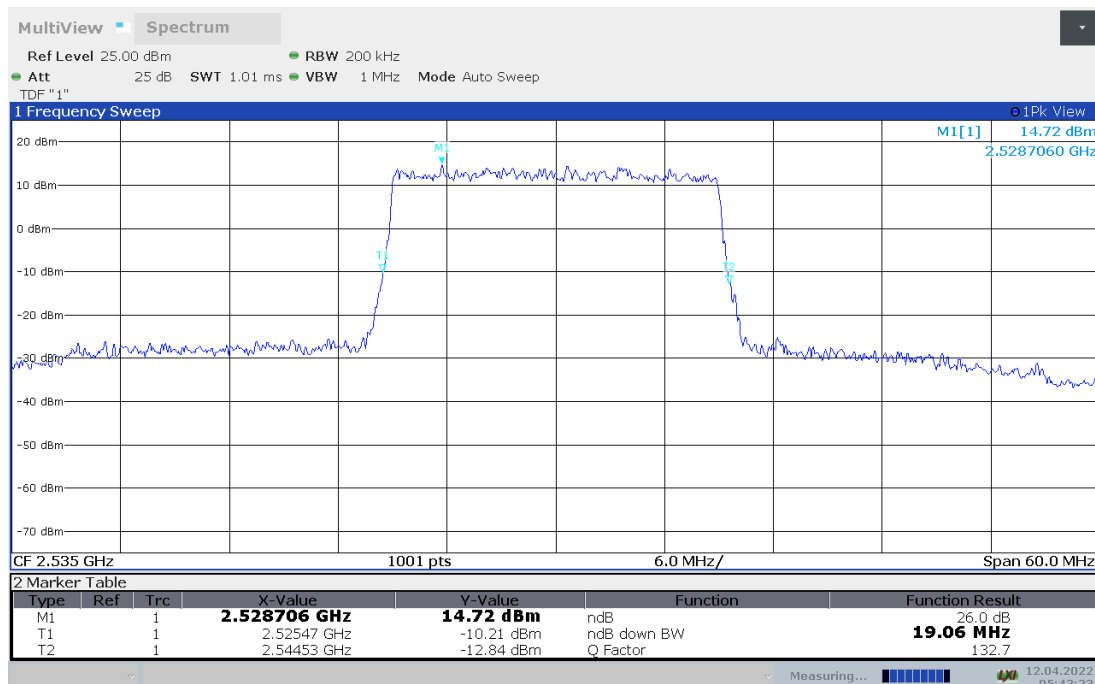
LTE band 7, 20MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	19.12	19.06

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



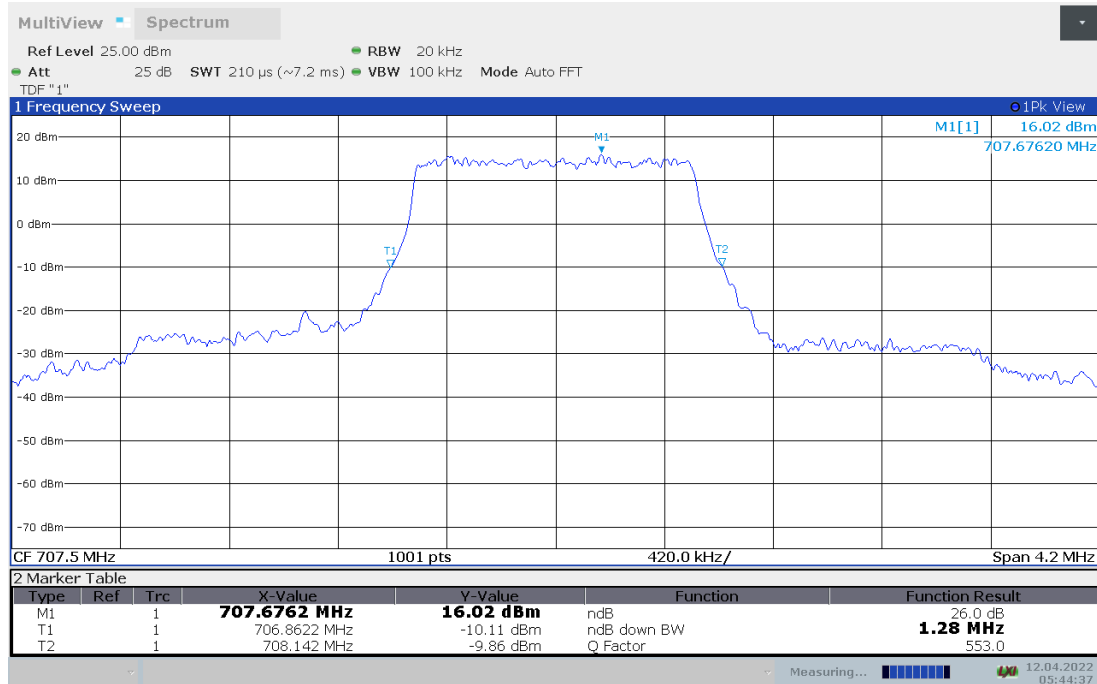
LTE band 7 , 20MHz Bandwidth,16QAM (-26dBc BW)



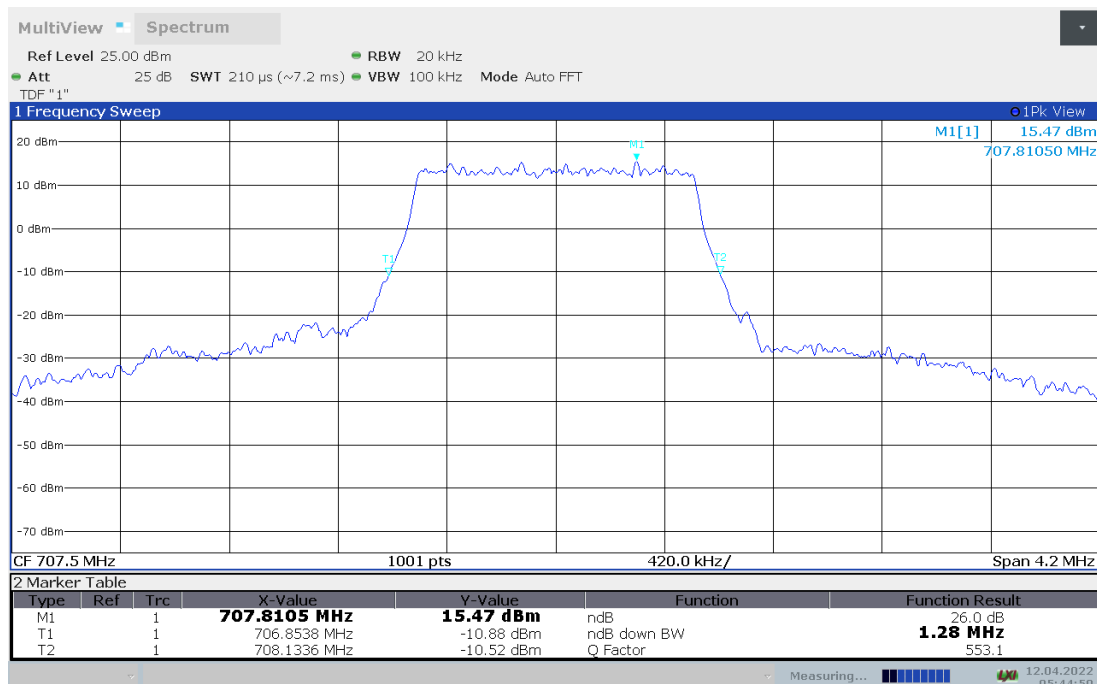
LTE band 12, 1.4MHz (-26dBc BW)

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

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



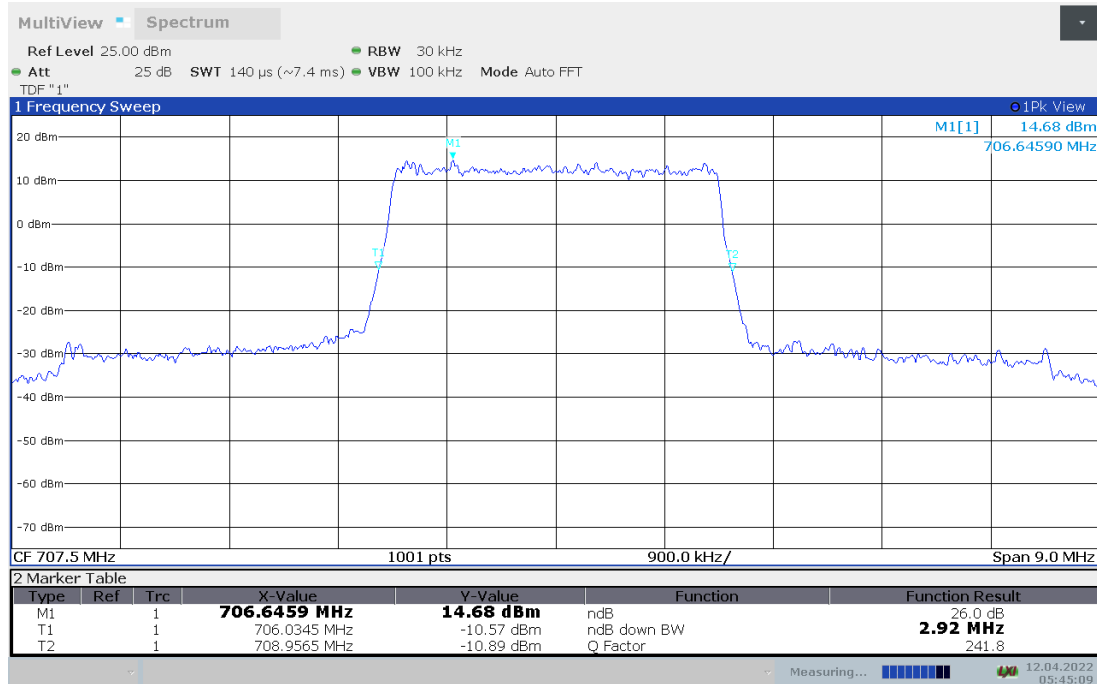
LTE band 12 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



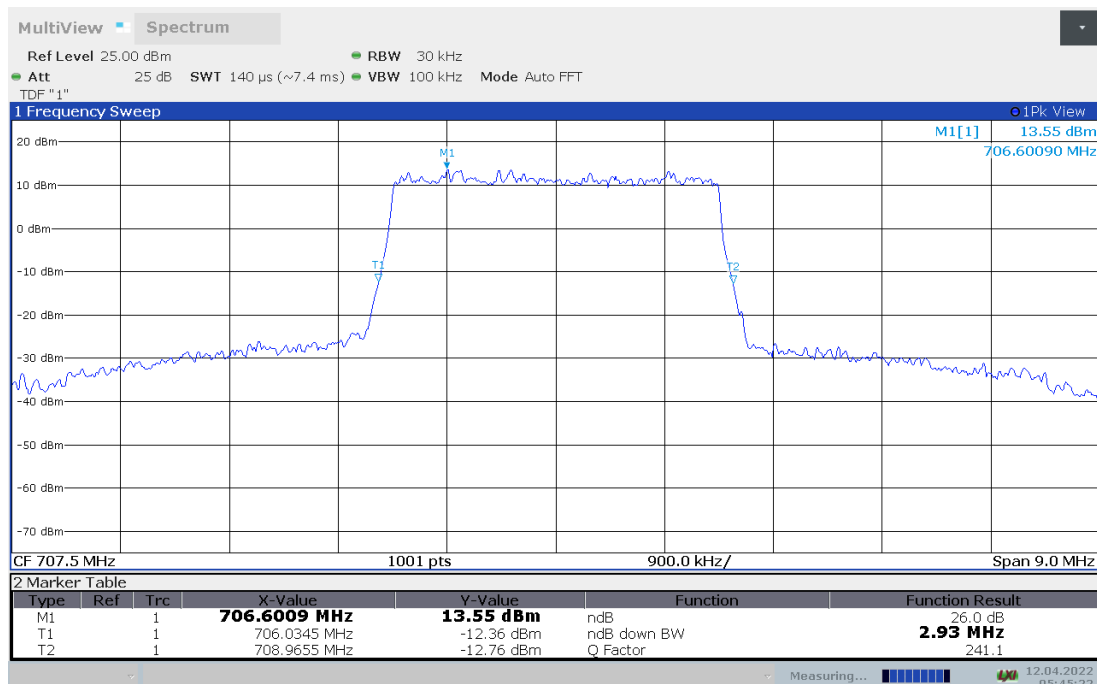
LTE band 12, 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	2.92	2.93

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



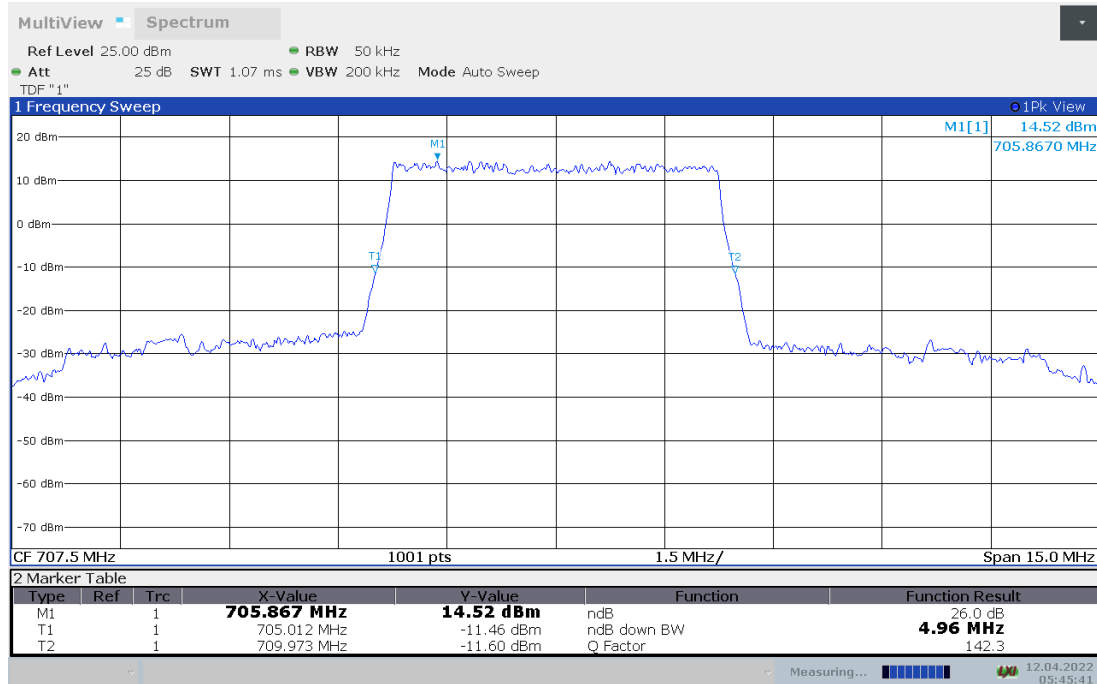
LTE band 12 , 3MHz Bandwidth,16QAM (-26dBc BW)



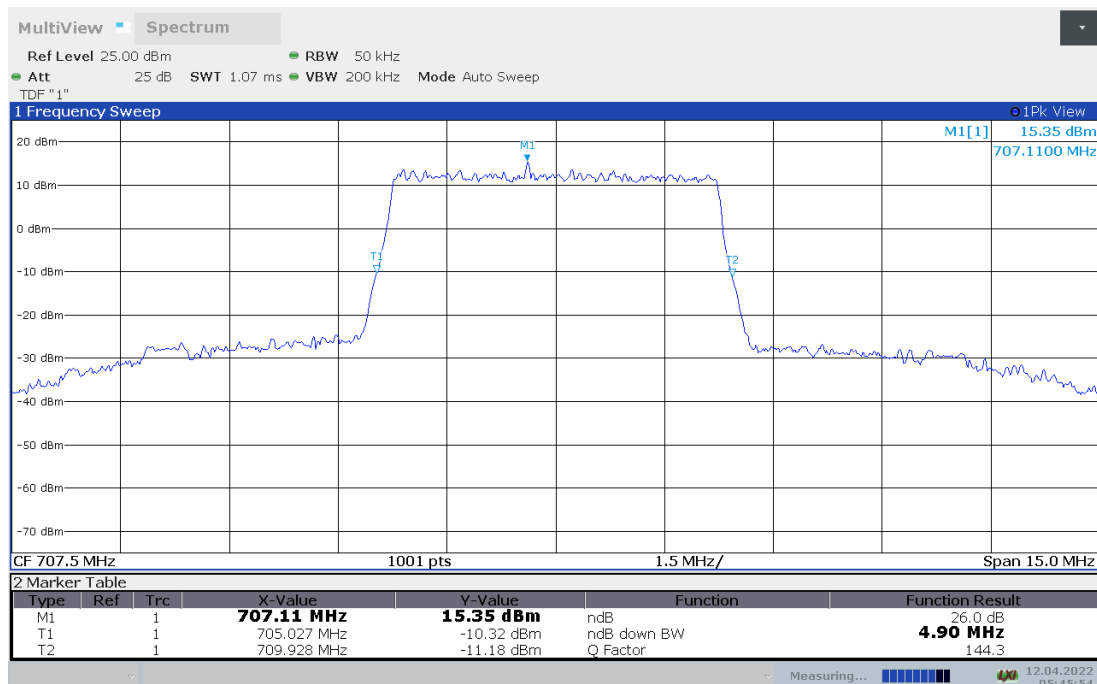
LTE band 12, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	4.96	4.90

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



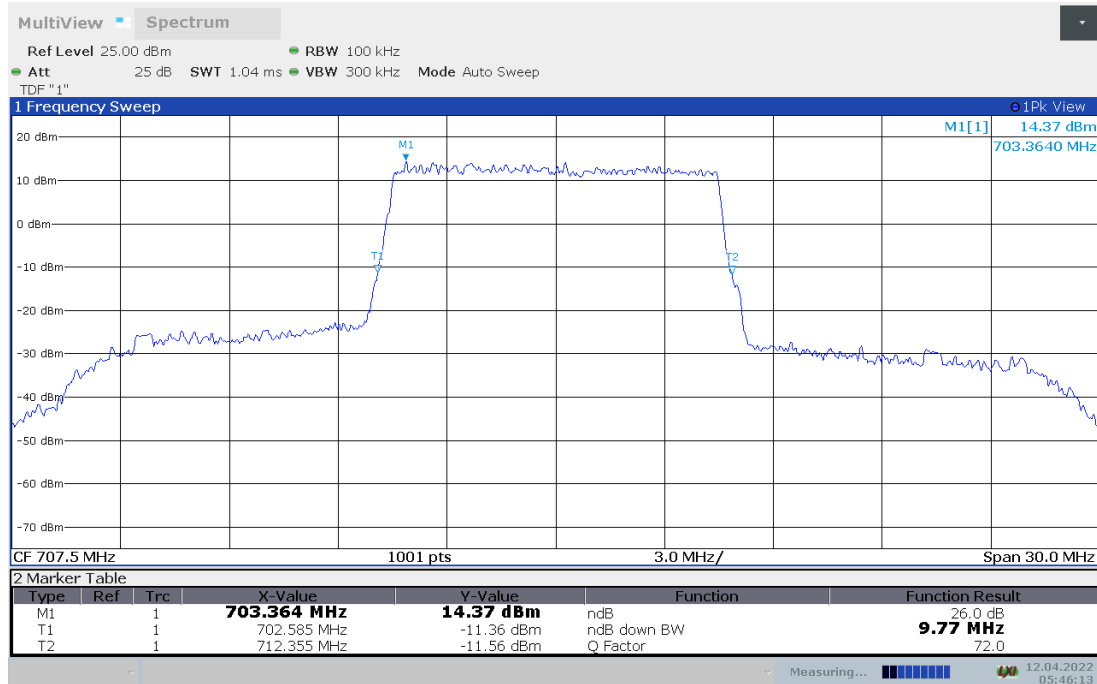
LTE band 12 , 5MHz Bandwidth,16QAM (-26dBc BW)



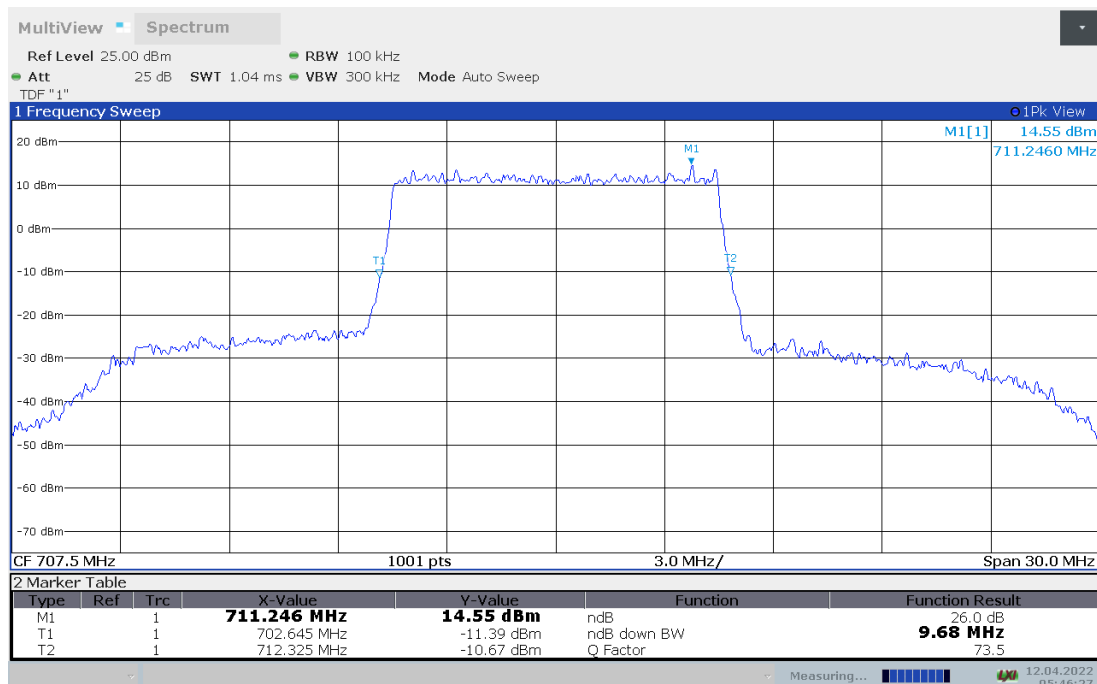
LTE band 12, 10MHz (-26dBc BW)

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

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



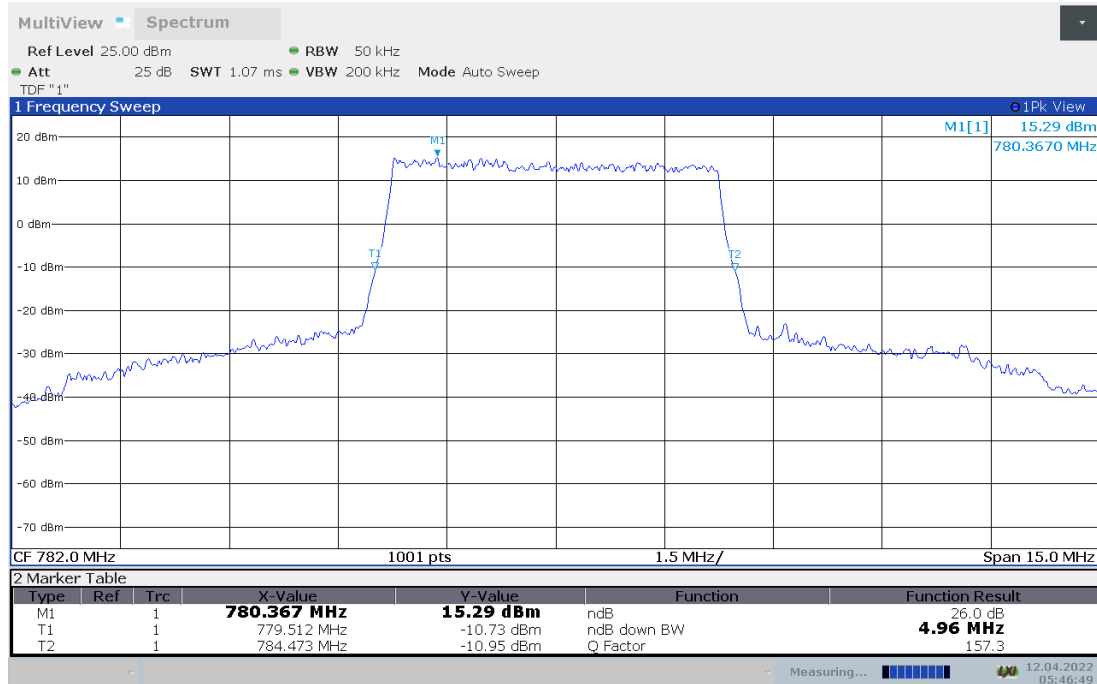
LTE band 12 , 10MHz Bandwidth,16QAM (-26dBc BW)



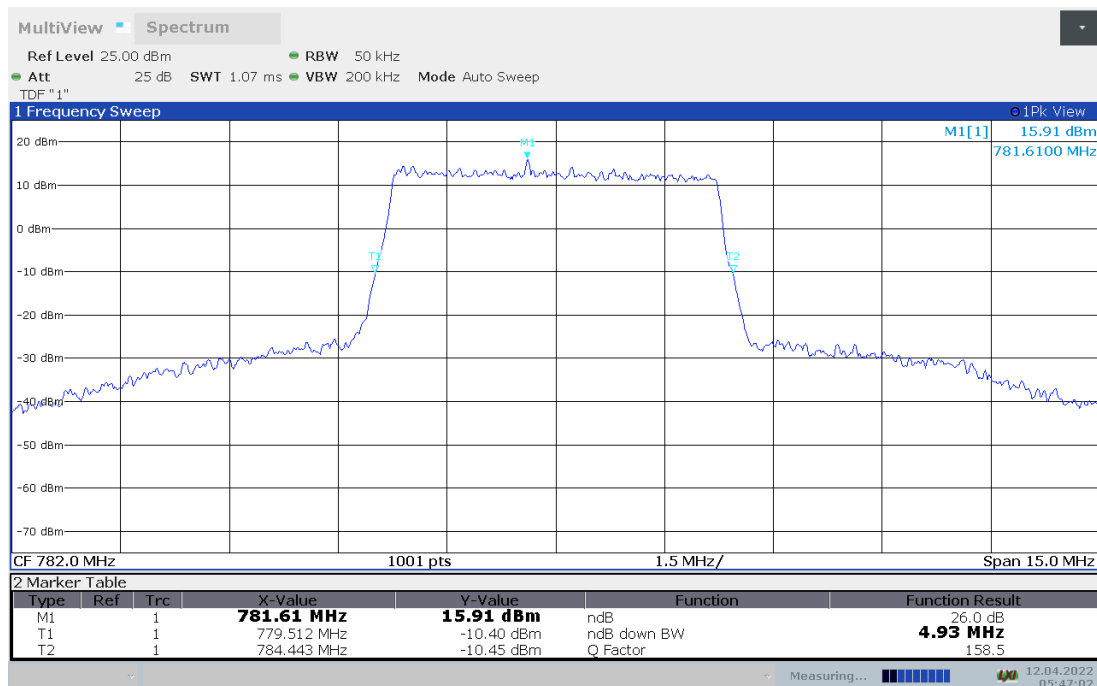
LTE band 13, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
782	4.96	4.93

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



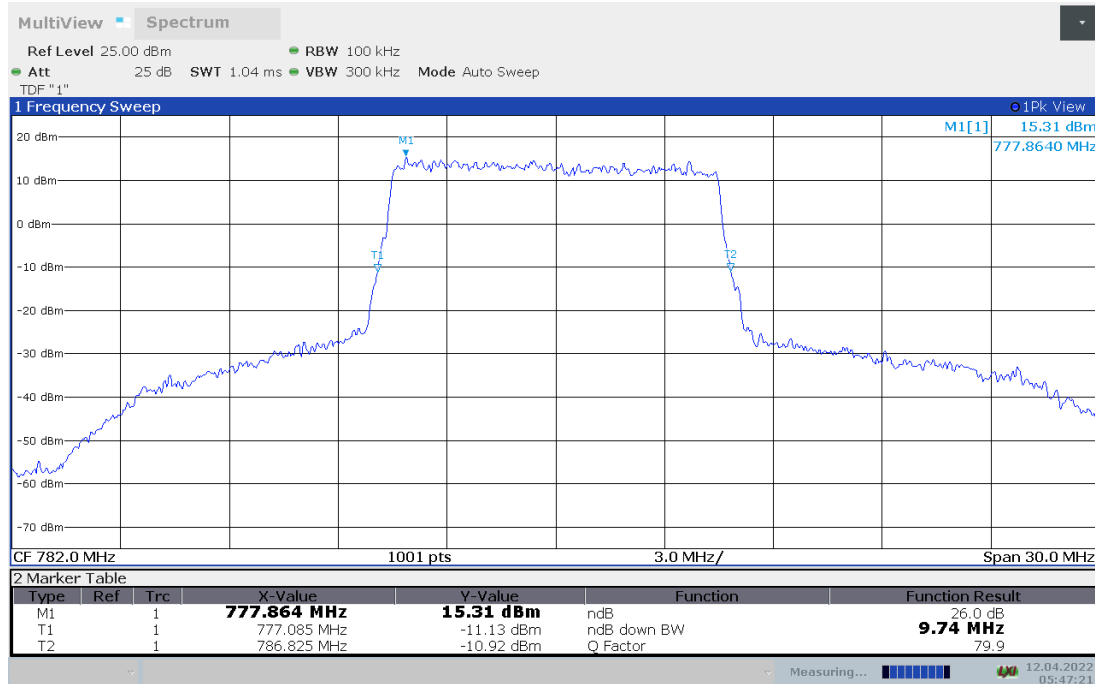
LTE band 13 , 5MHz Bandwidth,16QAM (-26dBc BW)



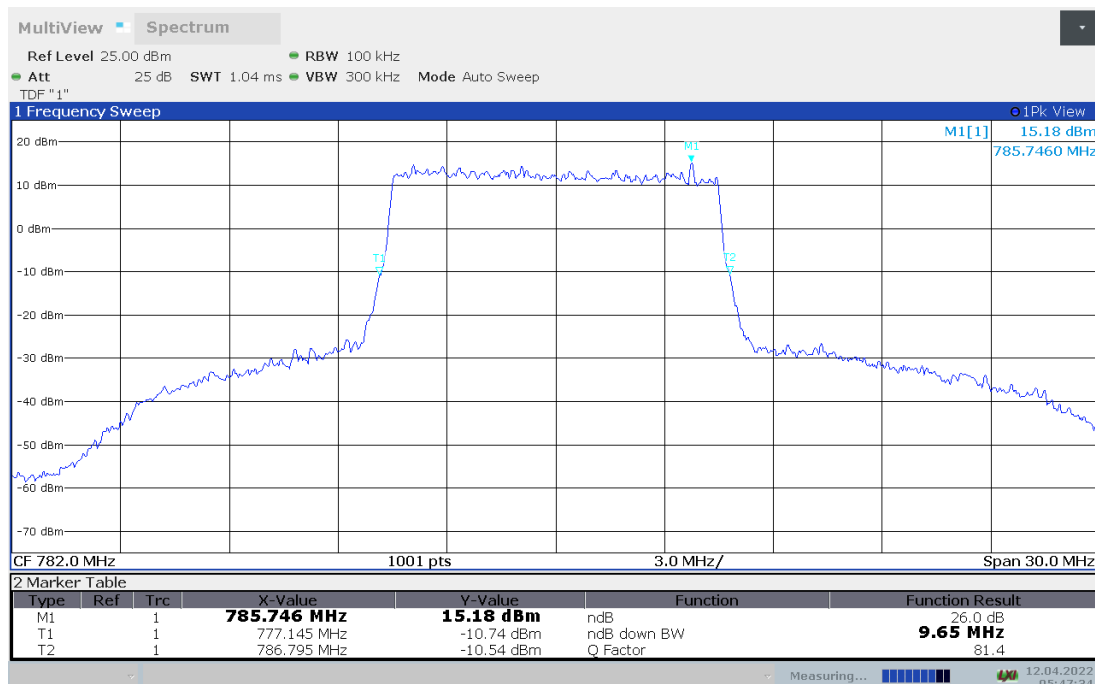
LTE band 13, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
782	9.74	9.65

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



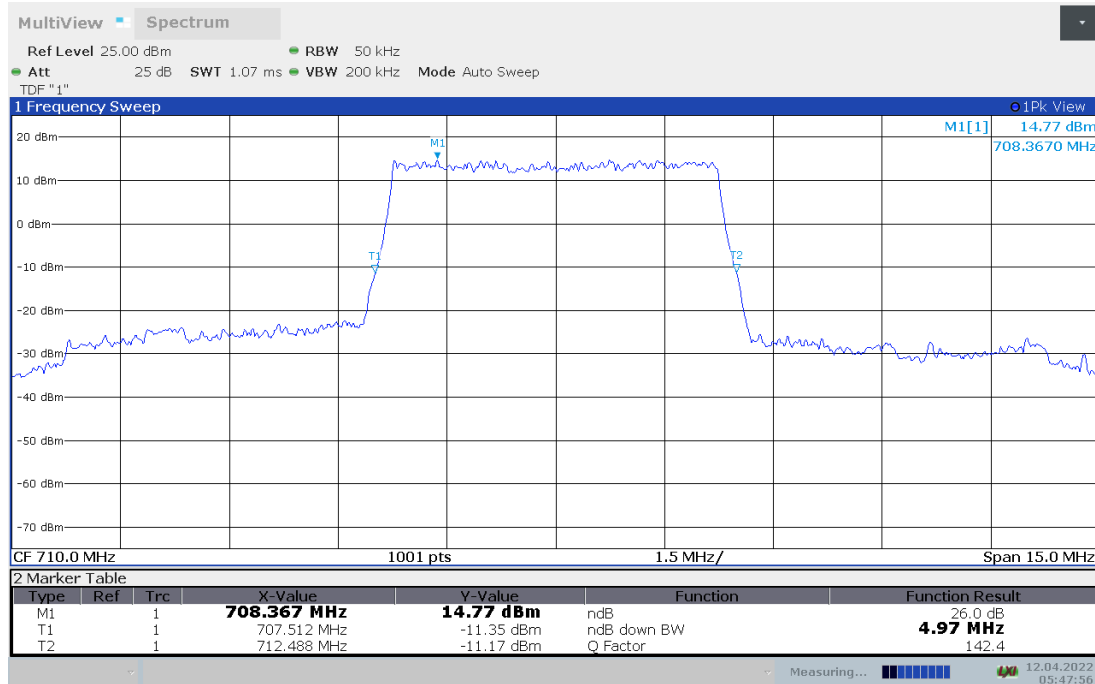
LTE band 13 , 10MHz Bandwidth,16QAM (-26dBc BW)



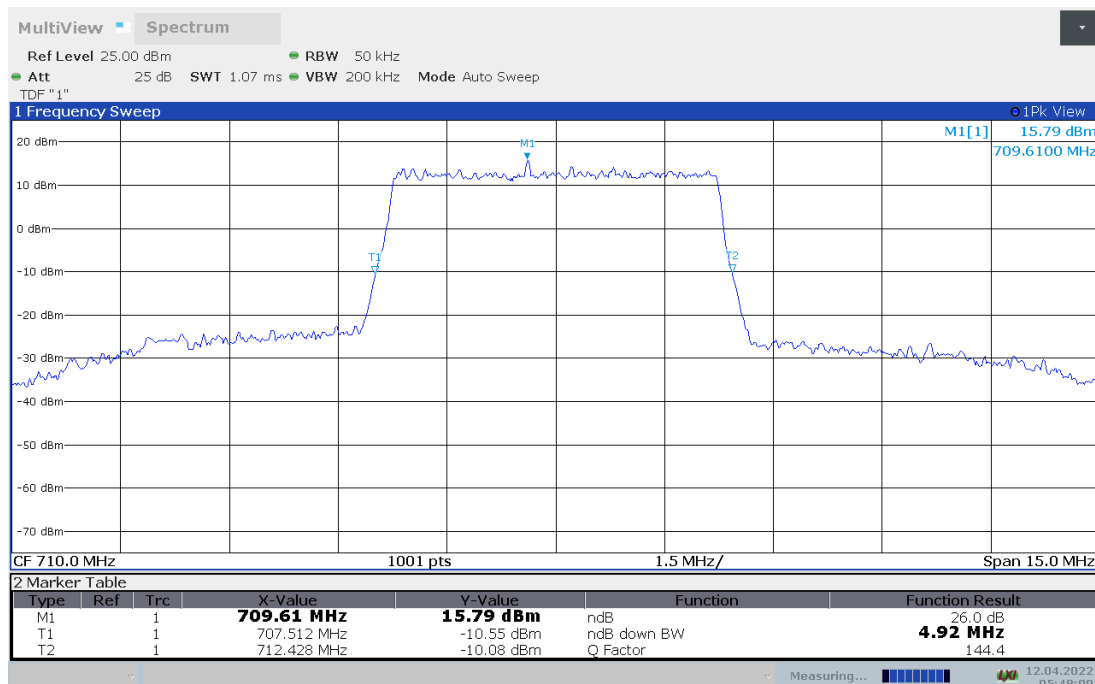
LTE band 17, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
710	4.97	4.92

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



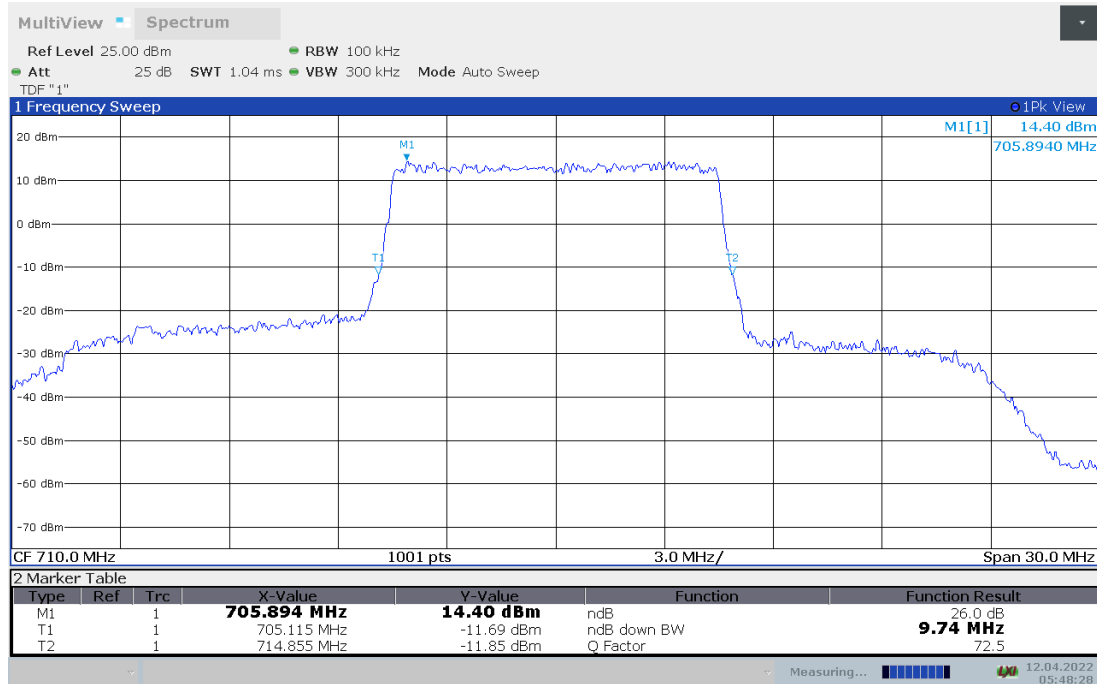
LTE band 17 , 5MHz Bandwidth,16QAM (-26dBc BW)



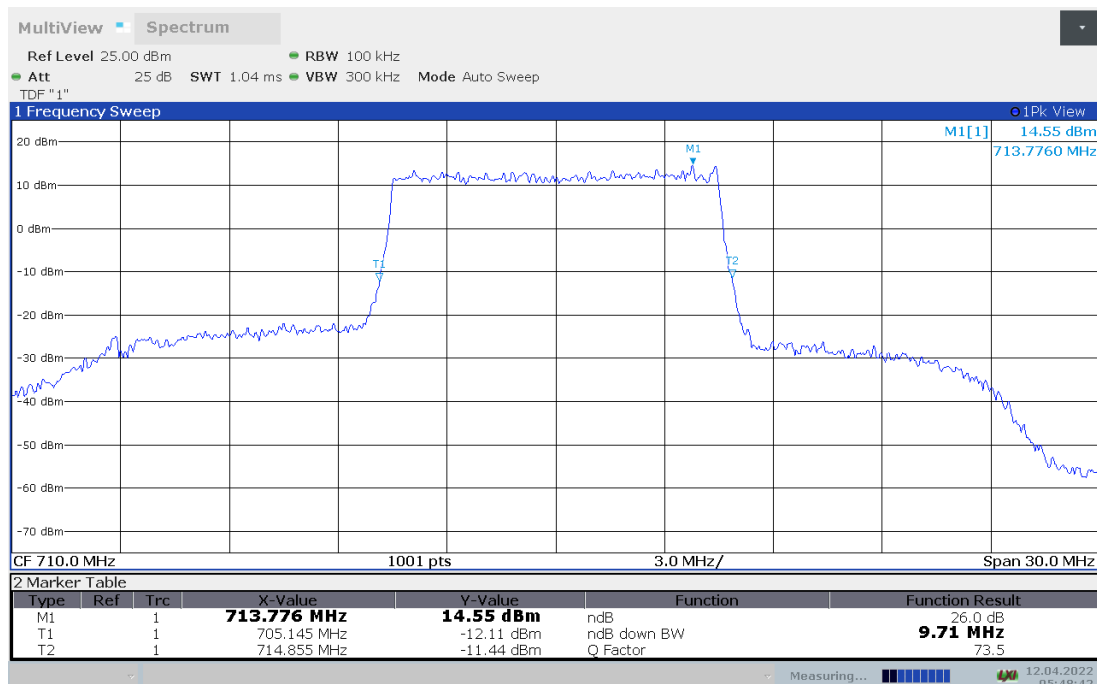
LTE band 17, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
710	9.74	9.71

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



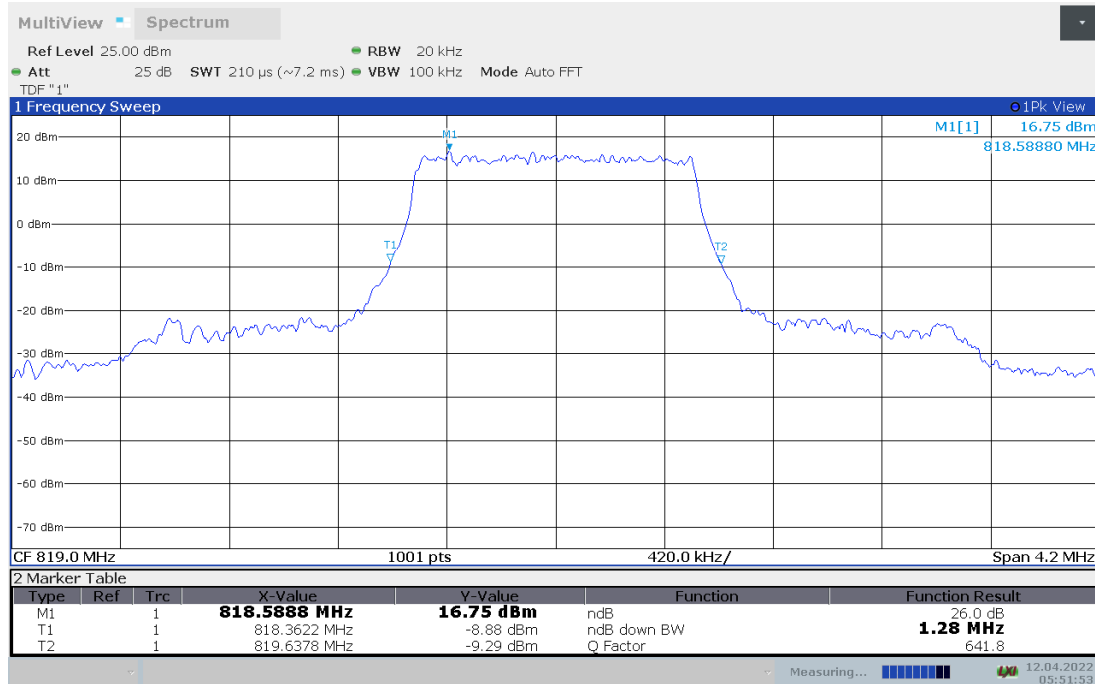
LTE band 17 , 10MHz Bandwidth,16QAM (-26dBc BW)



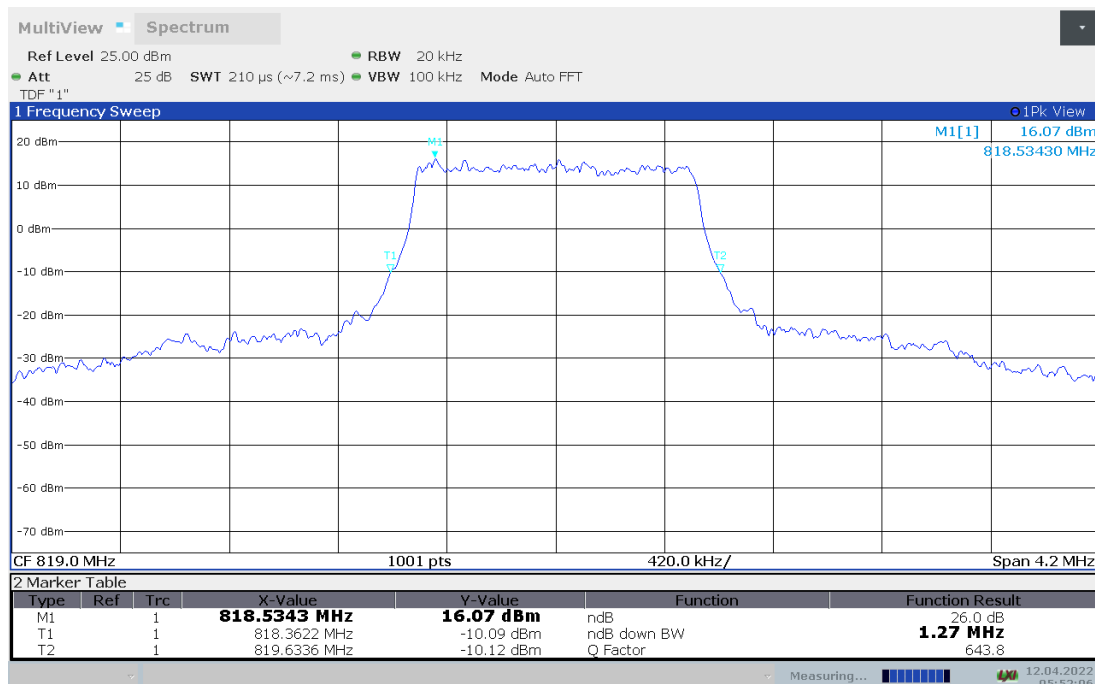
LTE band 26(814MHz-824MHz), 1.4MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
819	1.28	1.27

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



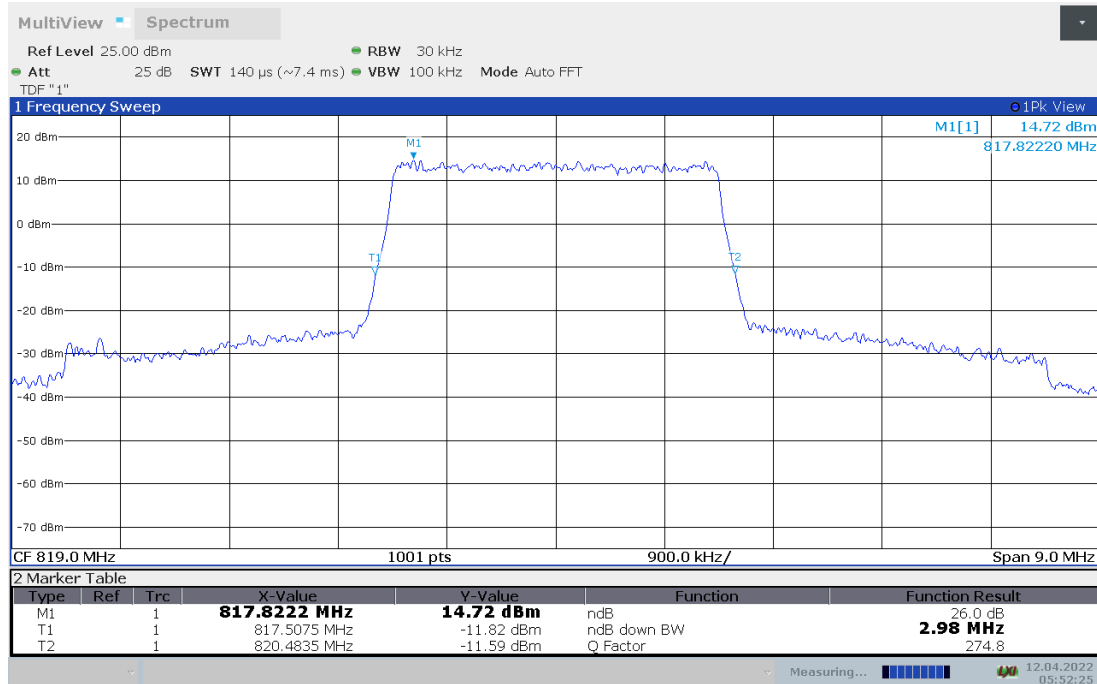
LTE band 26 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



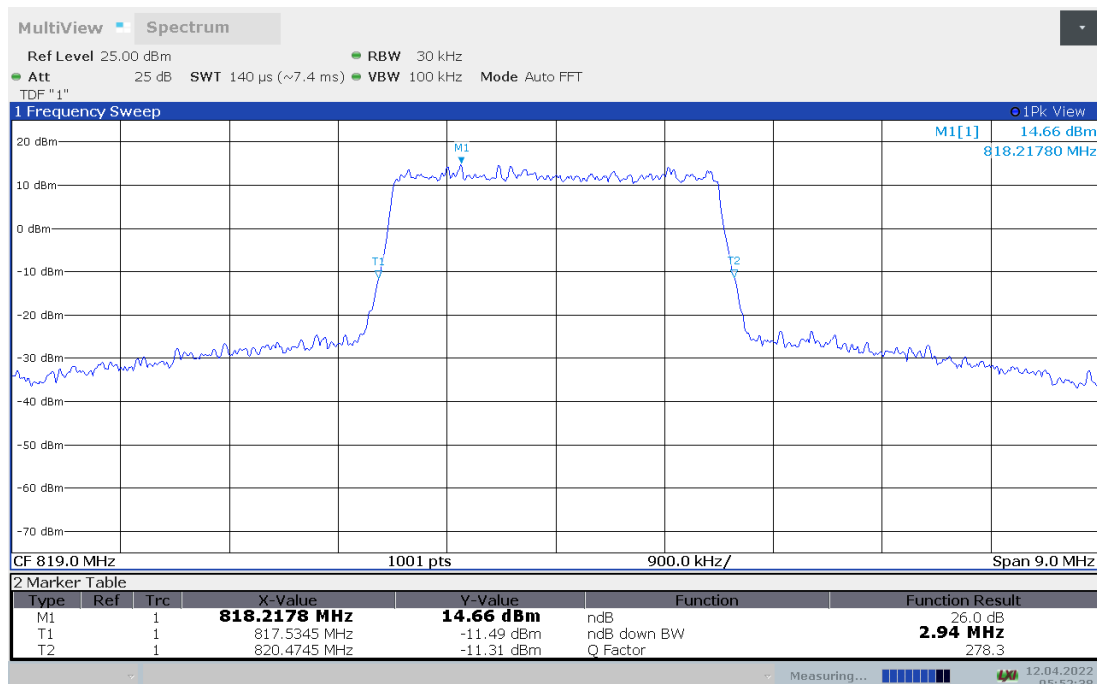
LTE band 26(814MHz-824MHz), 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
819	2.98	2.94

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



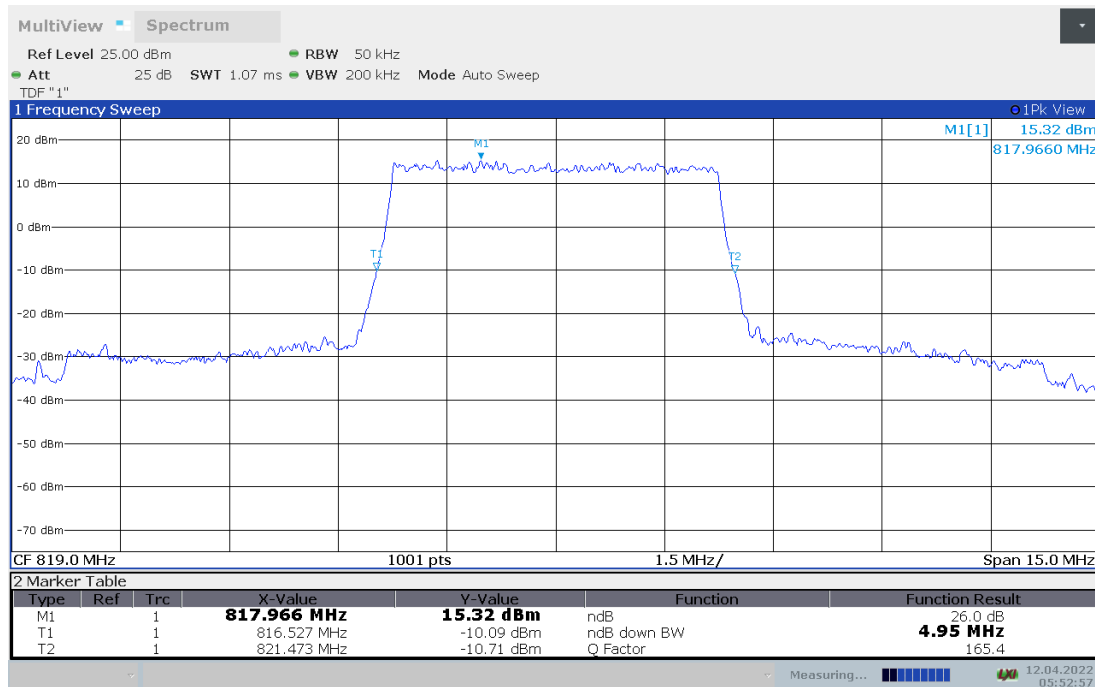
LTE band 26 , 3MHz Bandwidth,16QAM (-26dBc BW)



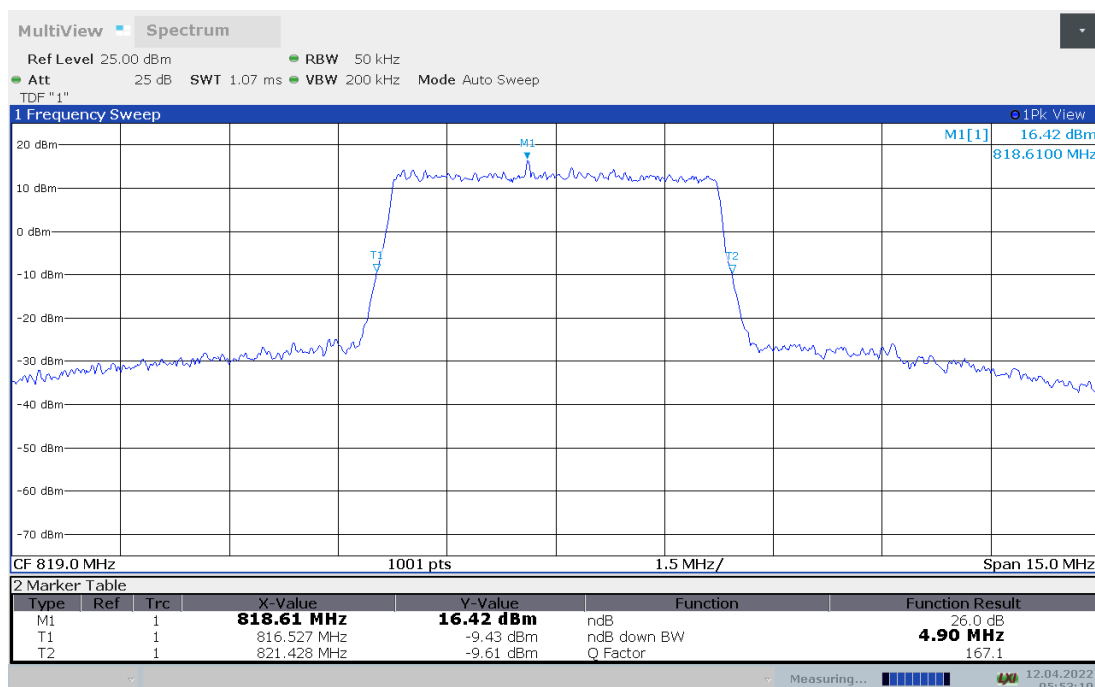
LTE band 26(814MHz-824MHz), 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
819	4.95	4.90

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



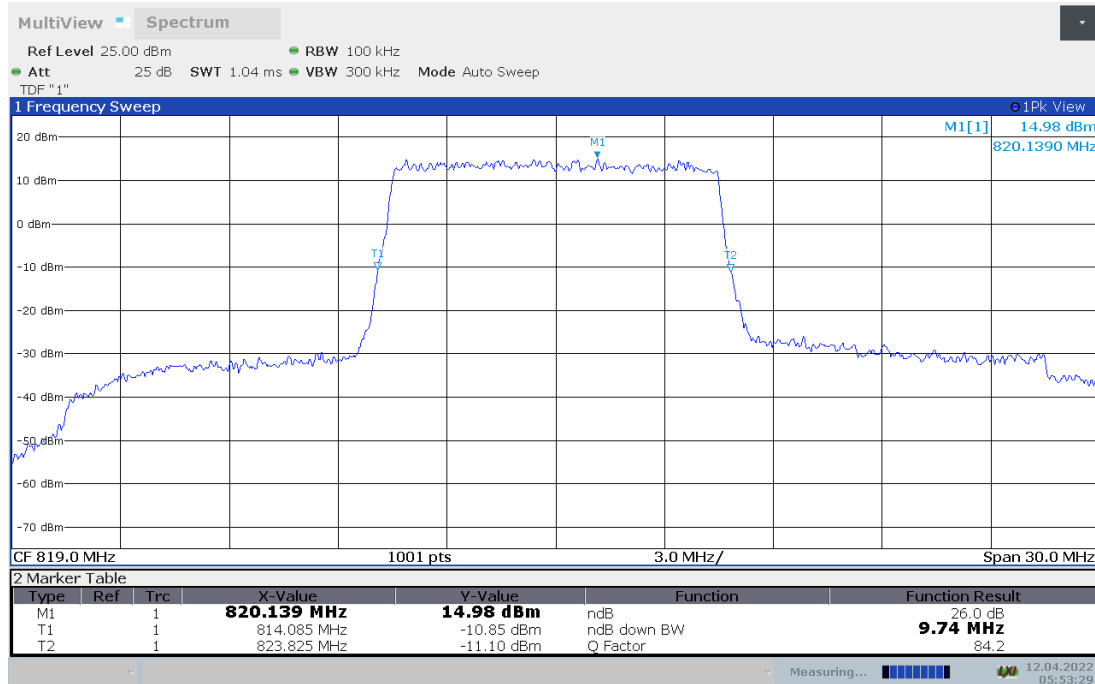
LTE band 26 , 5MHz Bandwidth,16QAM (-26dBc BW)



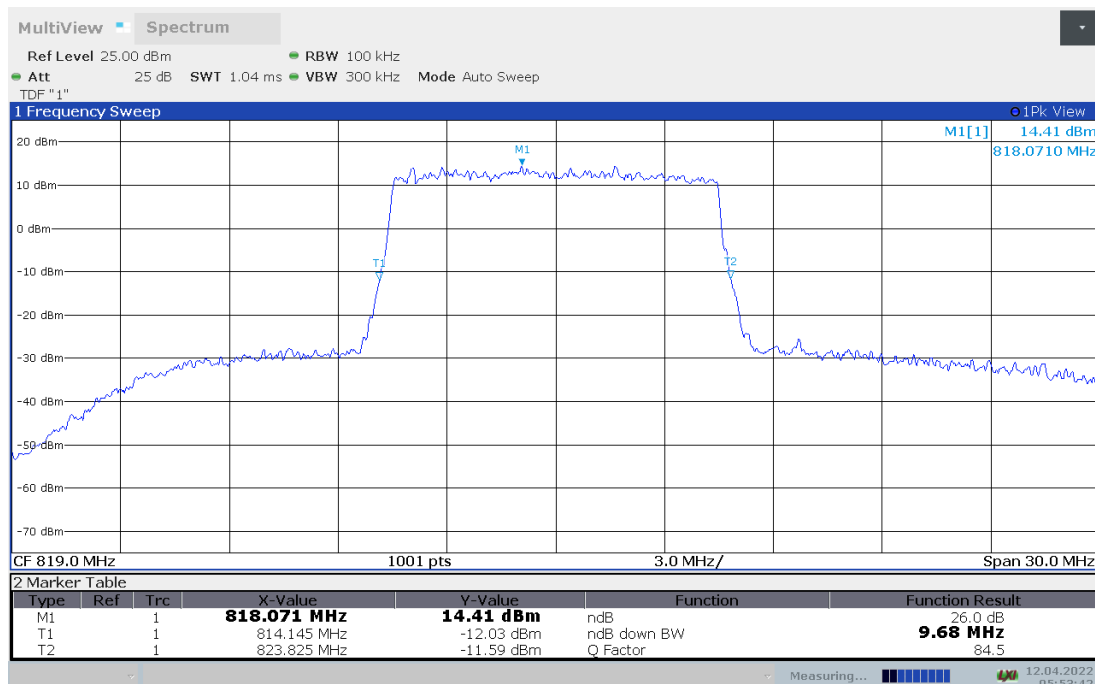
LTE band 26(814MHz-824MHz), 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
819	9.74	9.68

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



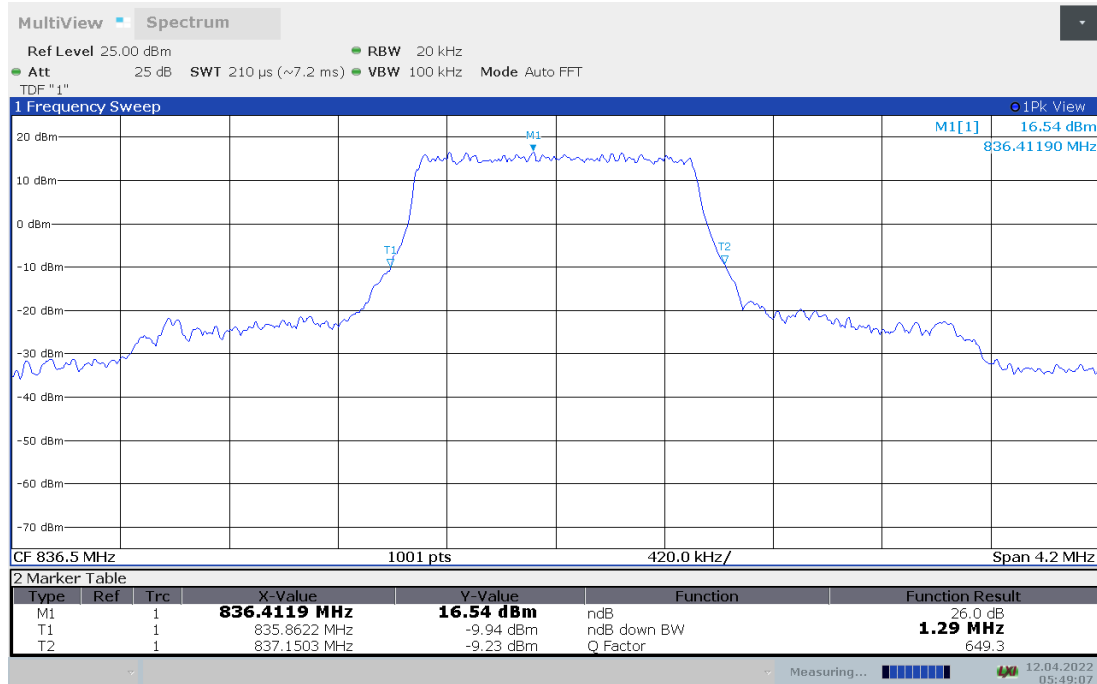
LTE band 26 , 10MHz Bandwidth,16QAM (-26dBc BW)



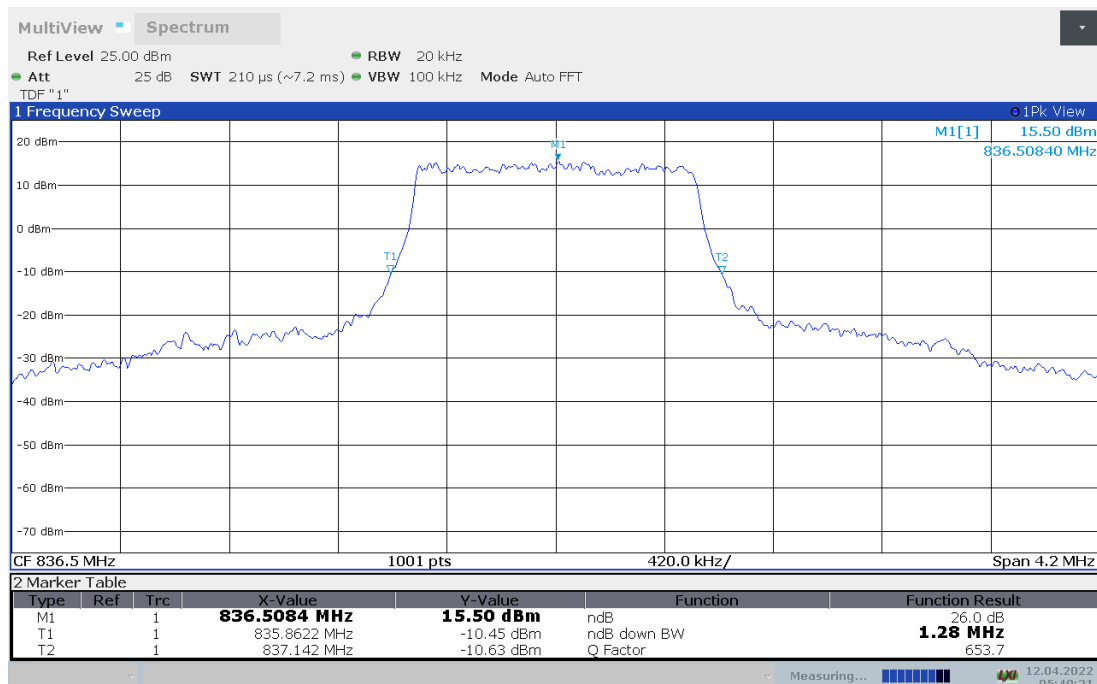
LTE band 26(824MHz-849MHz), 1.4MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	1.29	1.28

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



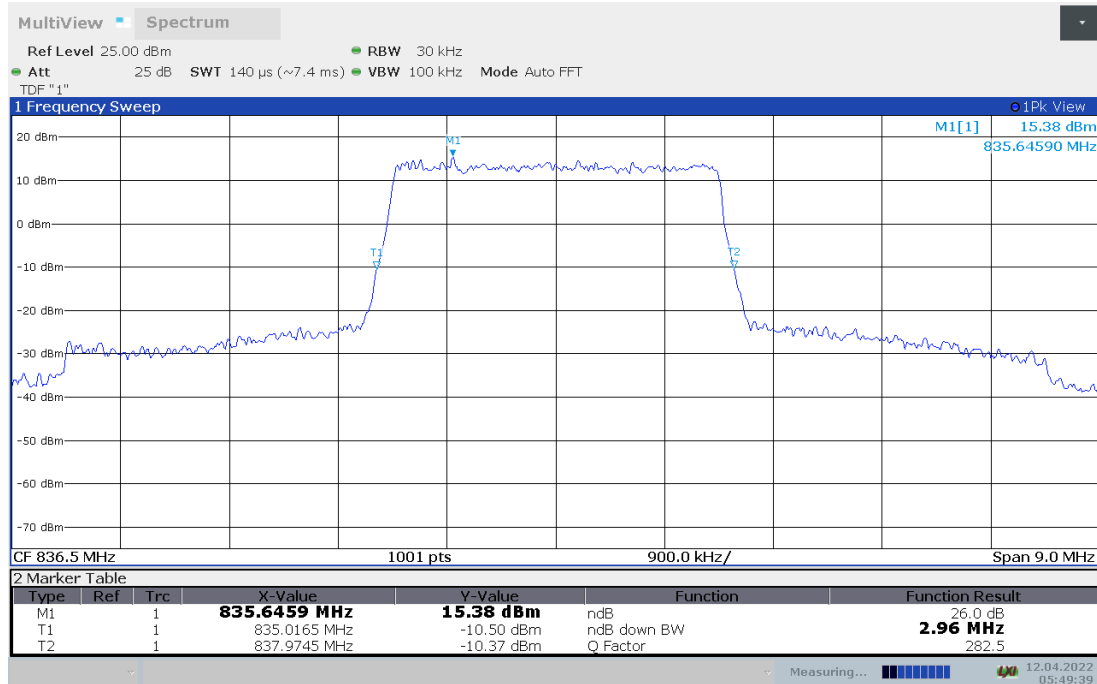
LTE band 26 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



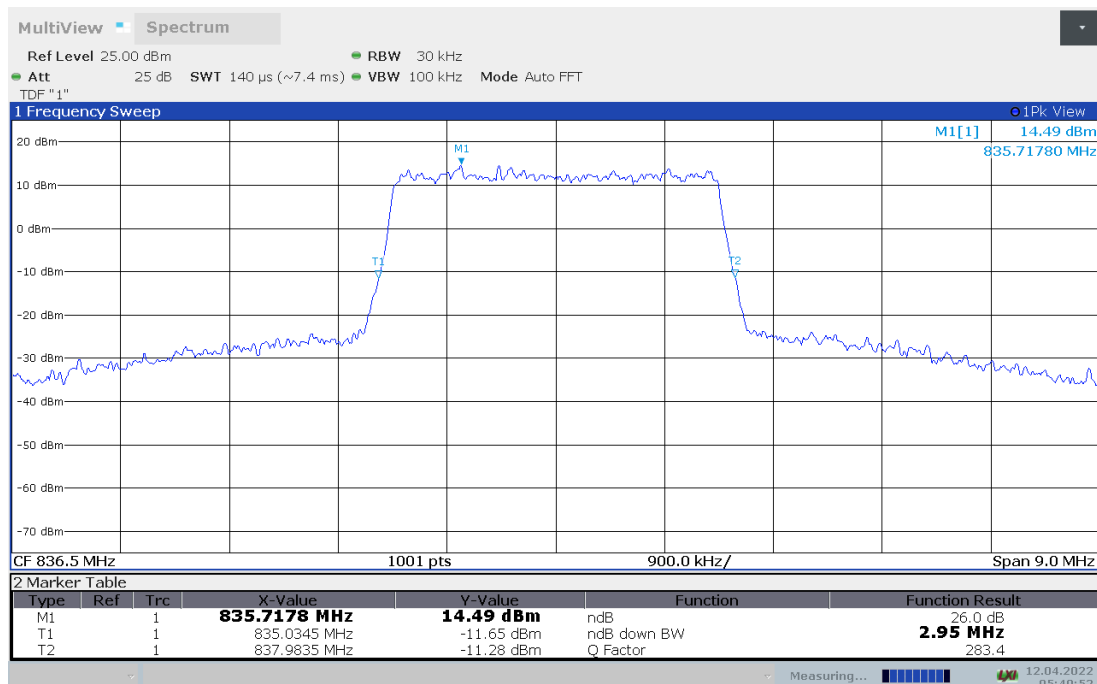
LTE band 26(824MHz-849MHz), 3MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	2.96	2.95

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



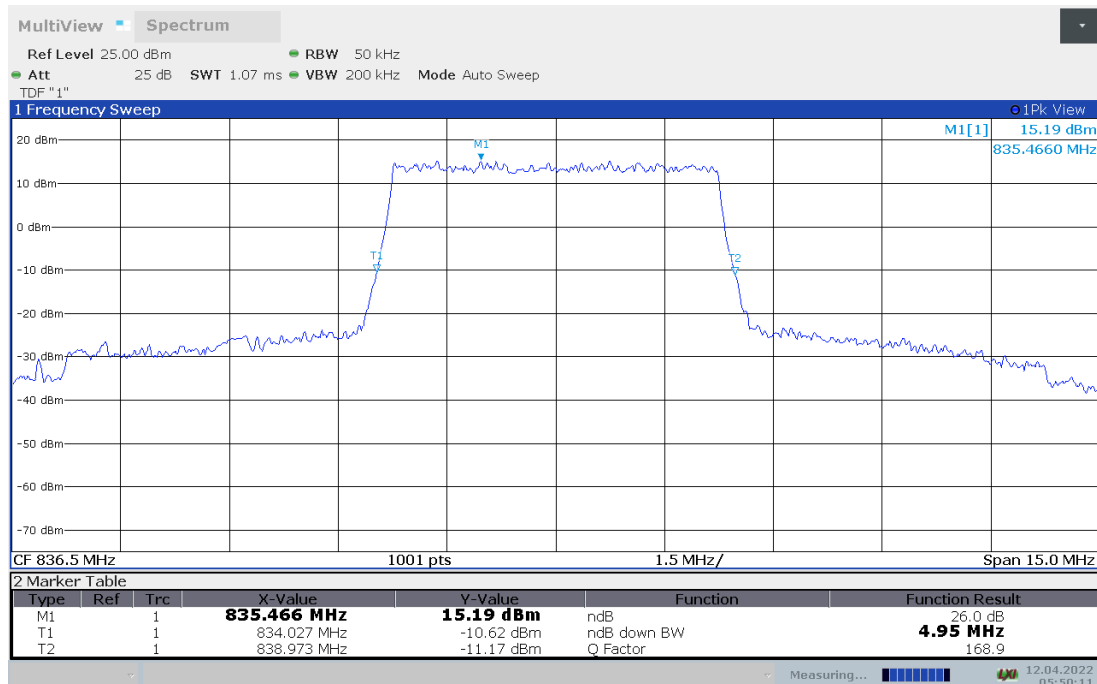
LTE band 26 , 3MHz Bandwidth,16QAM (-26dBc BW)



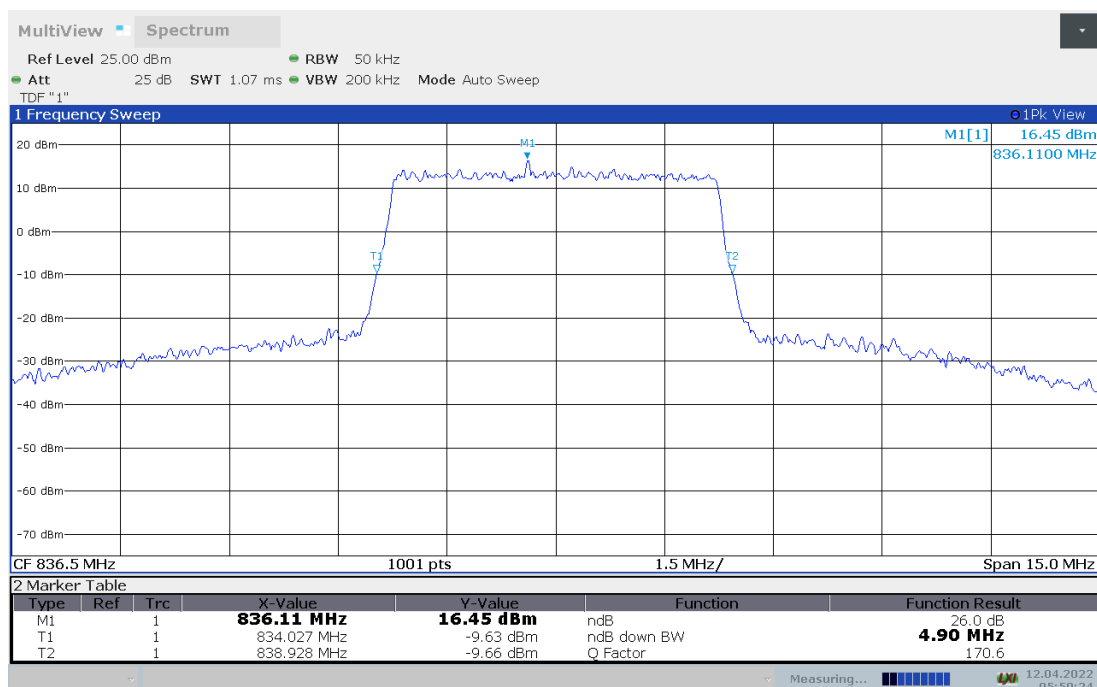
LTE band 26(824MHz-849MHz), 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	4.95	4.90

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



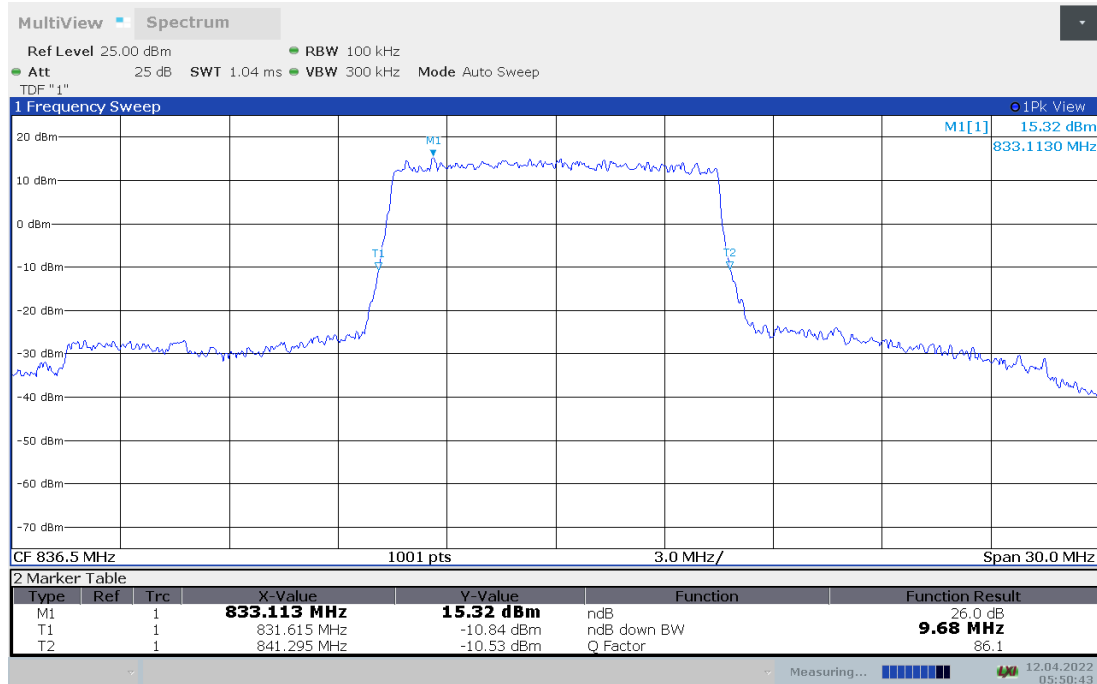
LTE band 26 , 5MHz Bandwidth,16QAM (-26dBc BW)



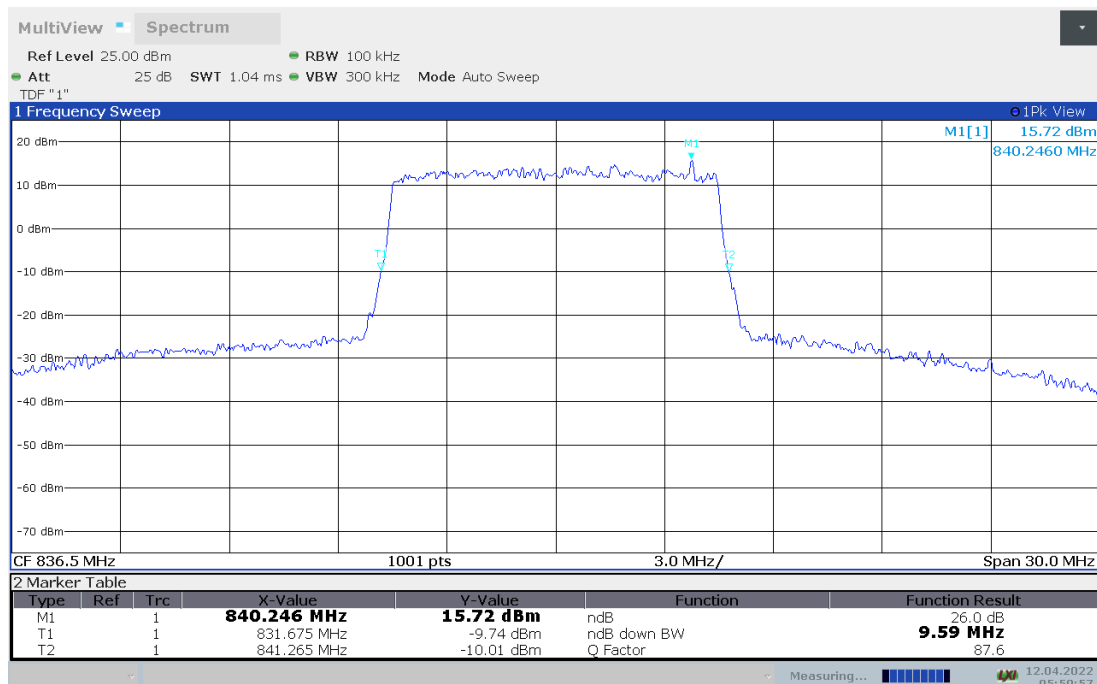
LTE band 26(824MHz-849MHz), 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	9.68	9.59

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



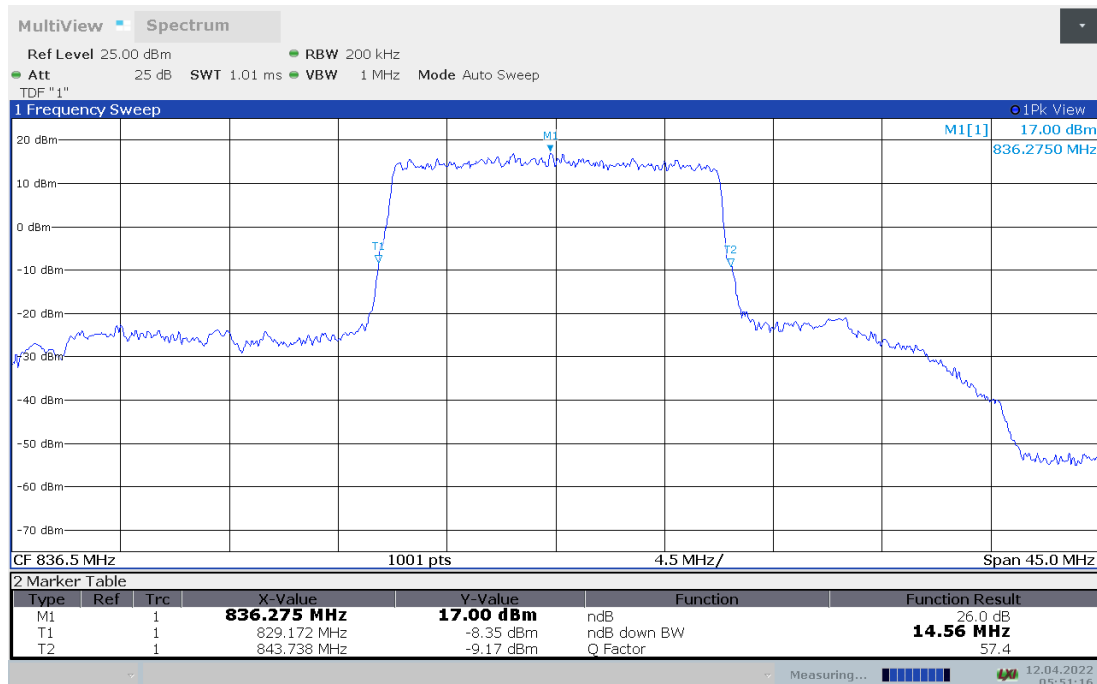
LTE band 26 , 10MHz Bandwidth,16QAM (-26dBc BW)



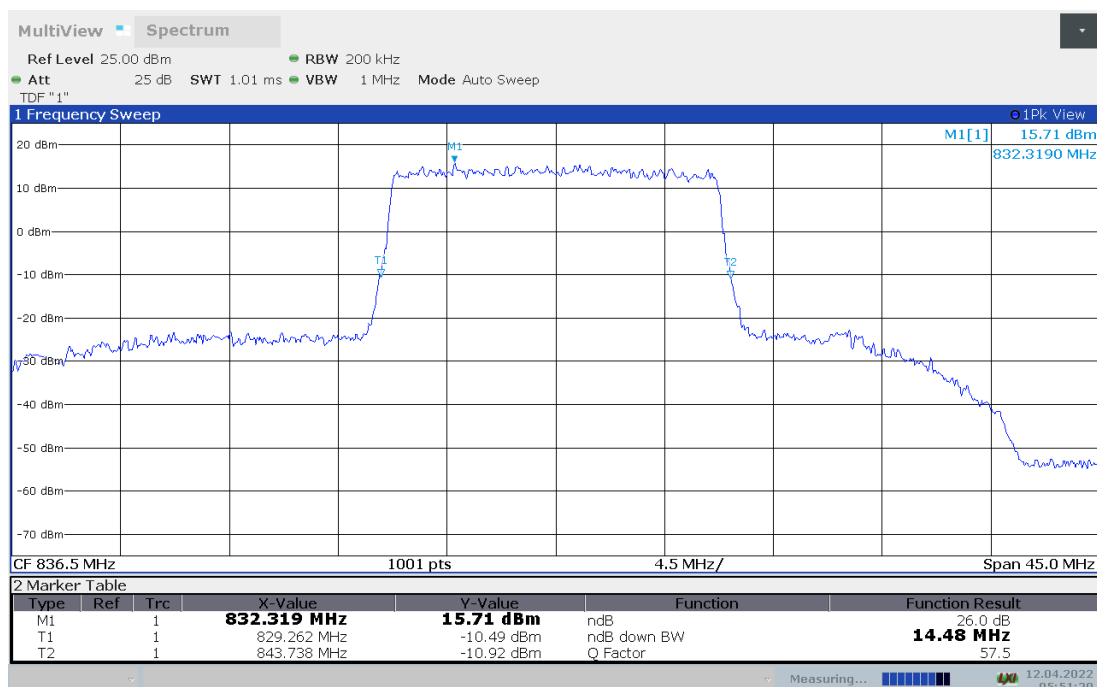
LTE band 26(824MHz-849MHz), 15 MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	14.56	14.48

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



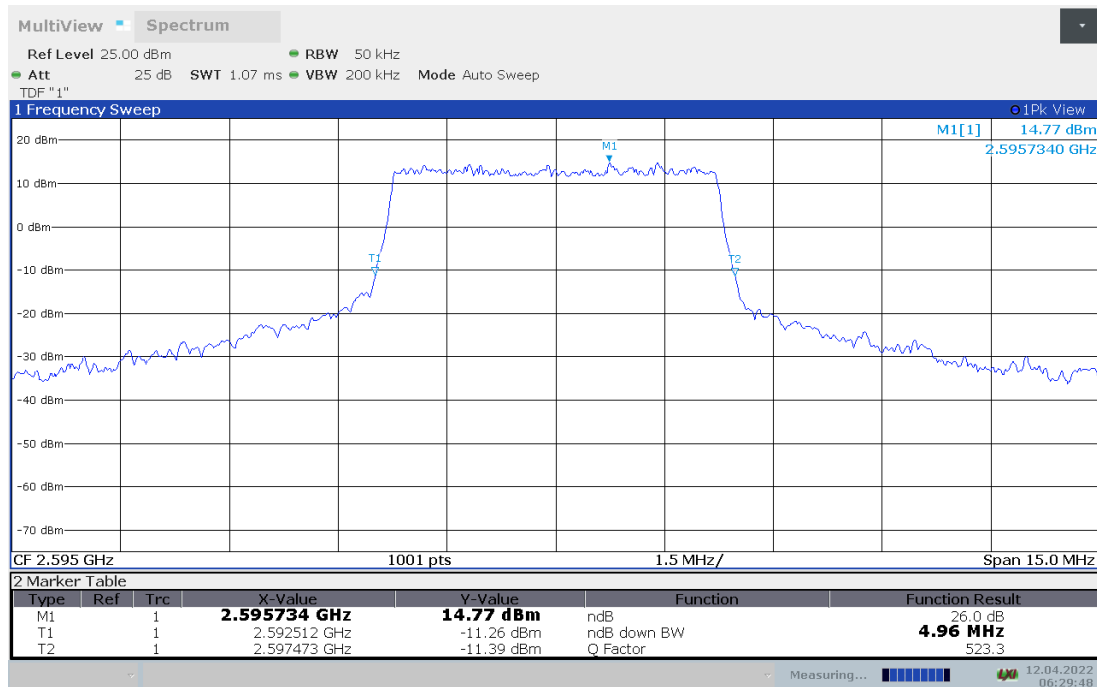
LTE band 26 , 15MHz Bandwidth,16QAM (-26dBc BW)



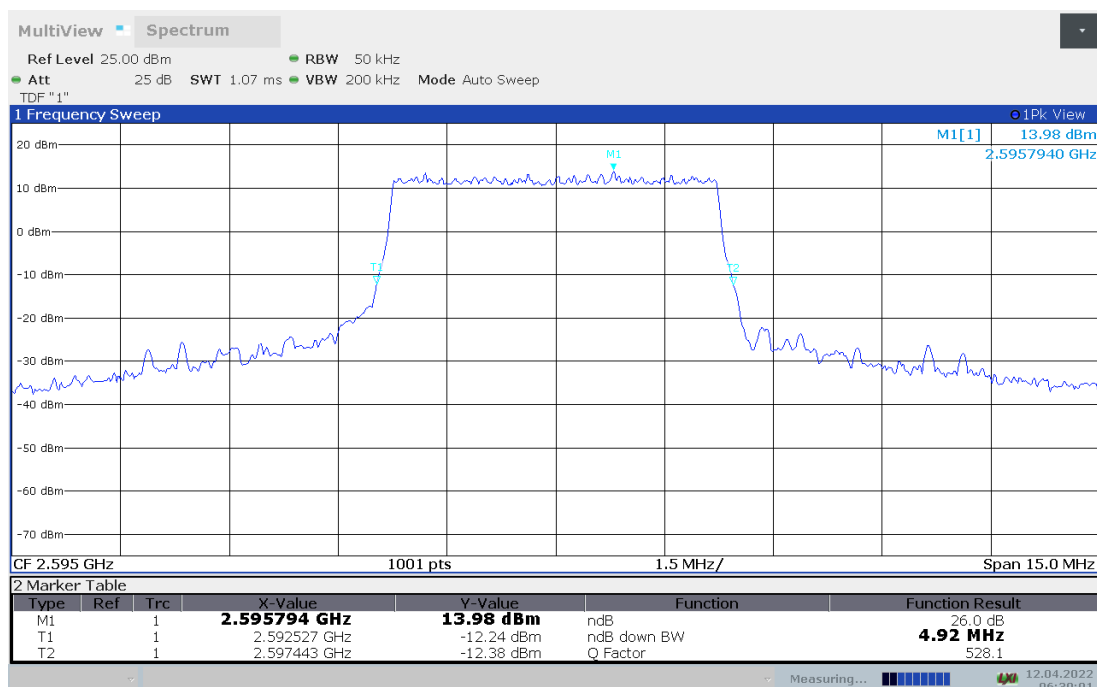
LTE band 38, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2595	4.96	4.92

LTE band 38 , 5MHz Bandwidth,QPSK (-26dBc BW)



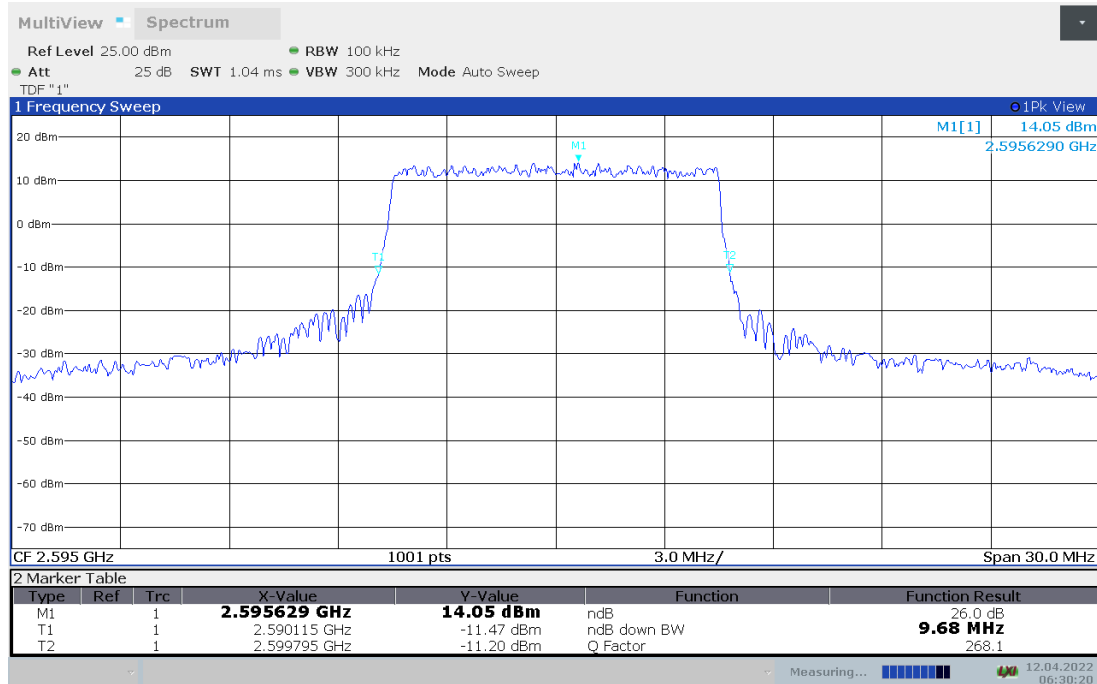
LTE band 38 , 5MHz Bandwidth,16QAM (-26dBc BW)



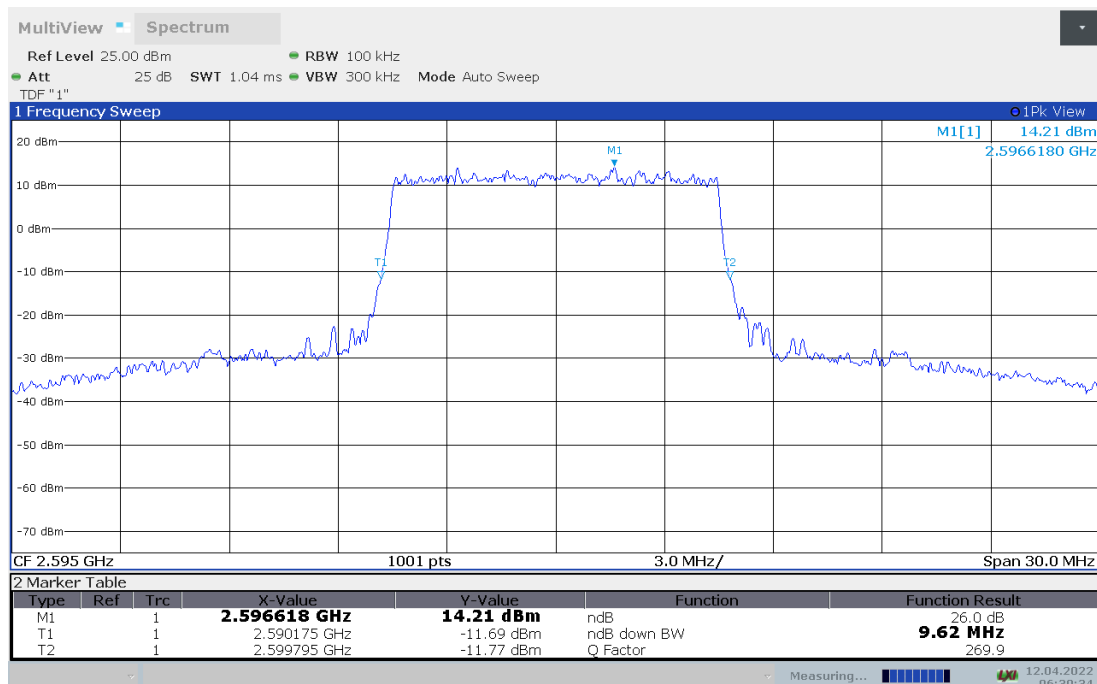
LTE band 38, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2595	9.68	9.62

LTE band 38 , 10MHz Bandwidth,QPSK (-26dBc BW)



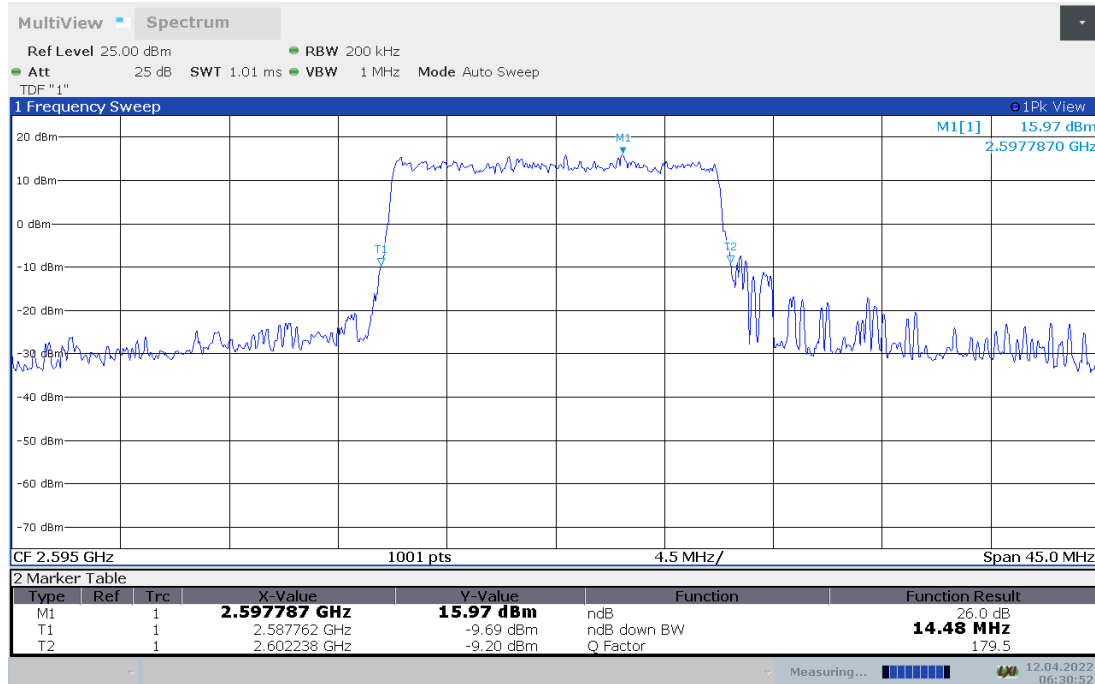
LTE band 38 , 10MHz Bandwidth,16QAM (-26dBc BW)



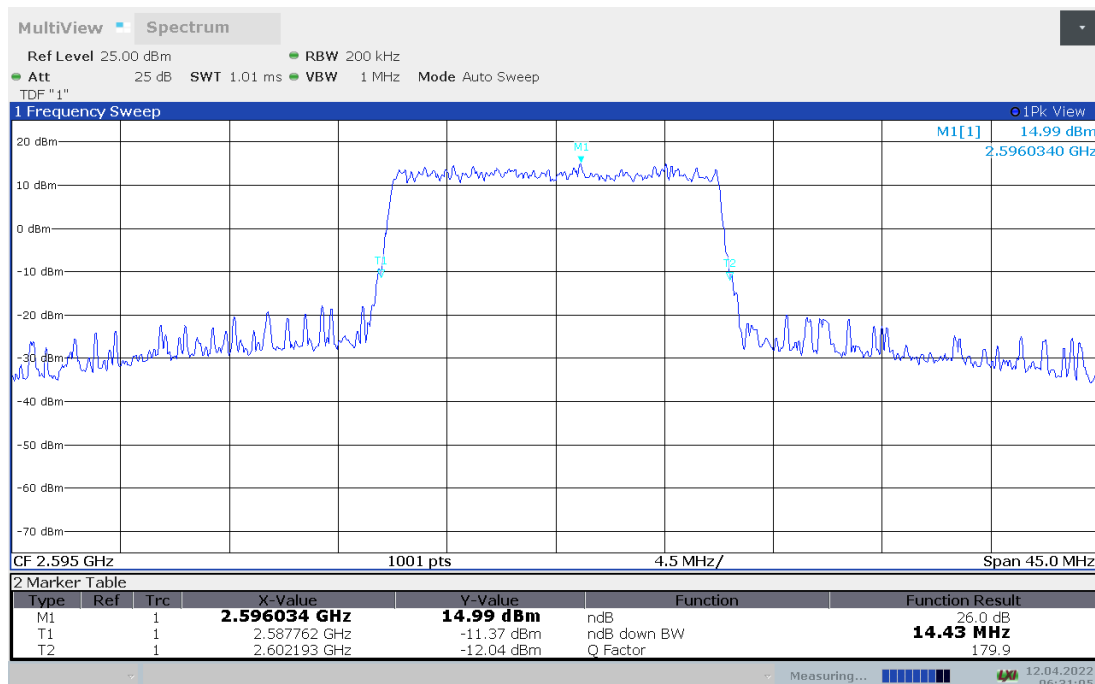
LTE band 38, 15MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2595	14.48	14.43

LTE band 38 , 15MHz Bandwidth,QPSK (-26dBc BW)



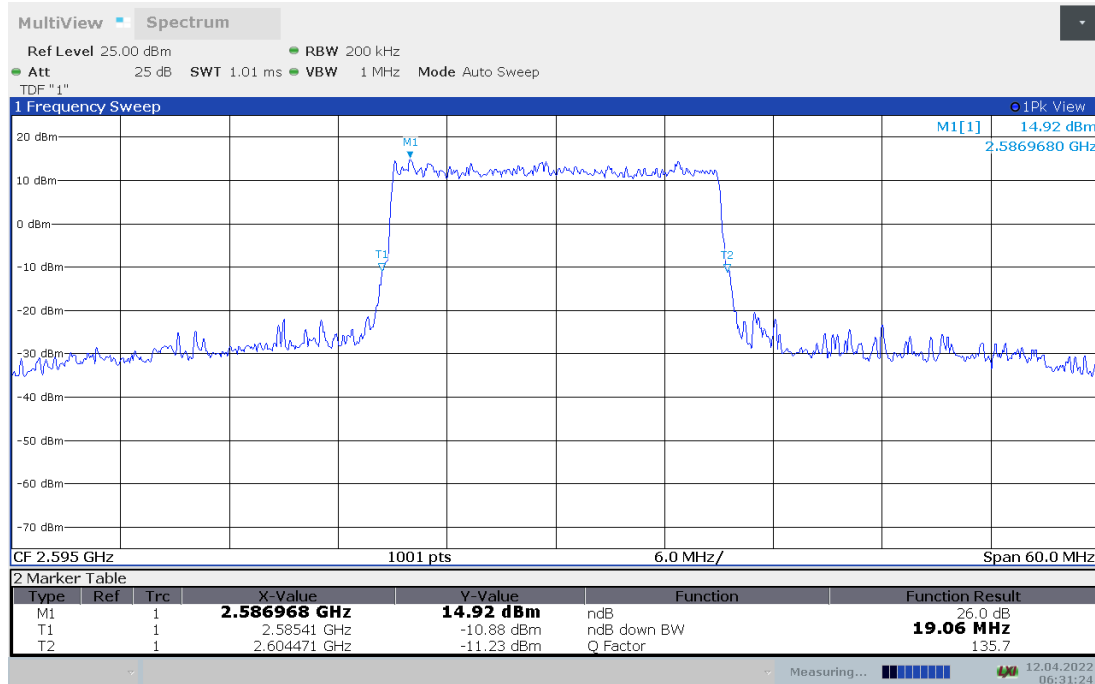
LTE band 38 , 15MHz Bandwidth,16QAM (-26dBc BW)



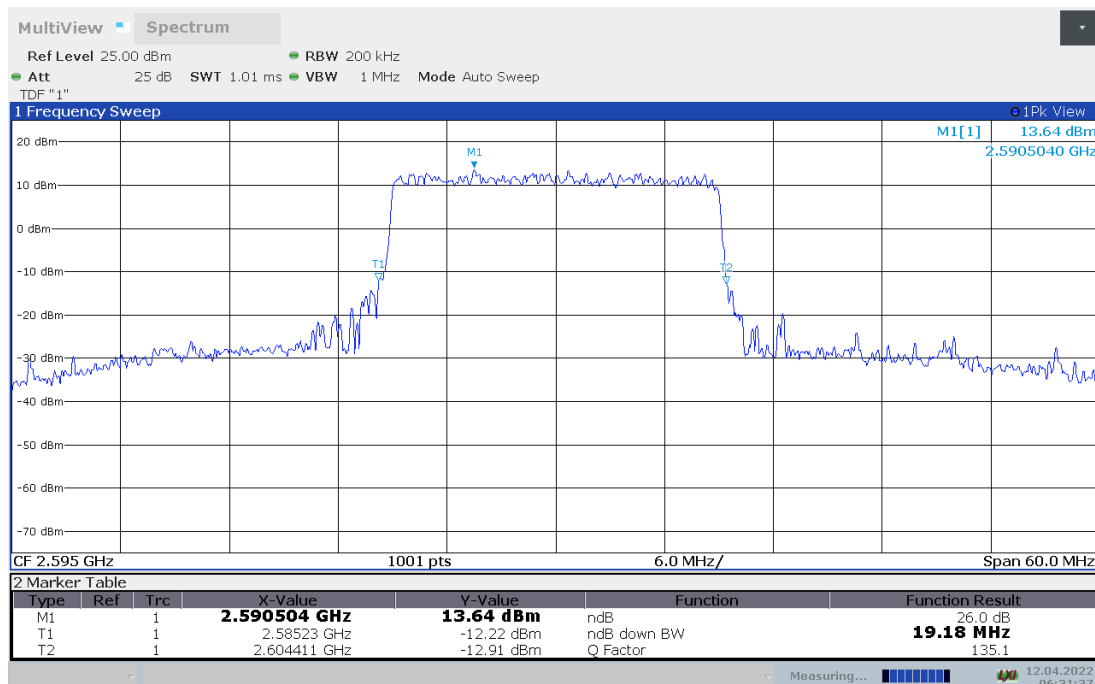
LTE band 38, 20MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2595	19.06	19.18

LTE band 38 , 20MHz Bandwidth,QPSK (-26dBc BW)



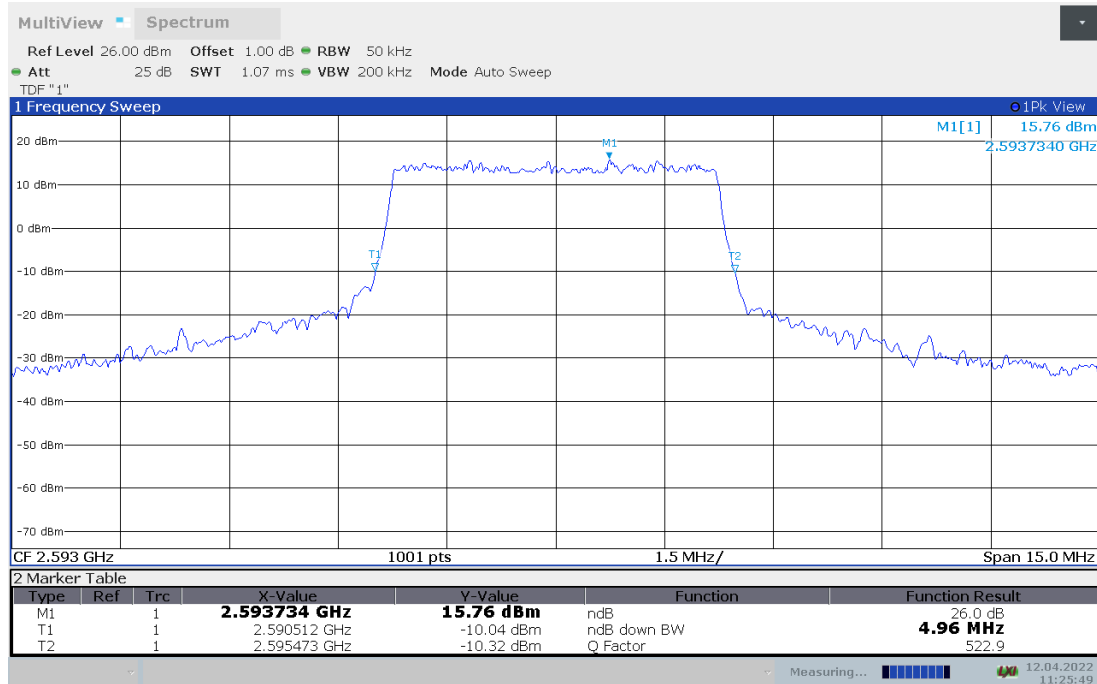
LTE band 38 , 20MHz Bandwidth,16QAM (-26dBc BW)



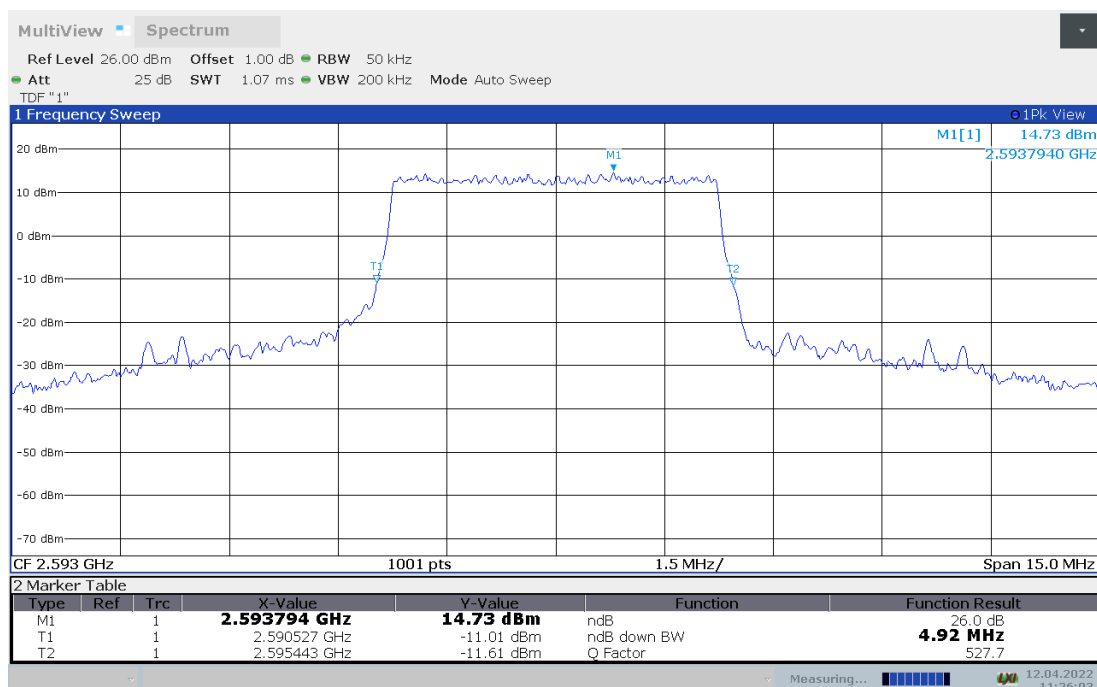
LTE band 41, 5MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2595	4.96	4.92

LTE band 41 , 5MHz Bandwidth,QPSK (-26dBc BW)



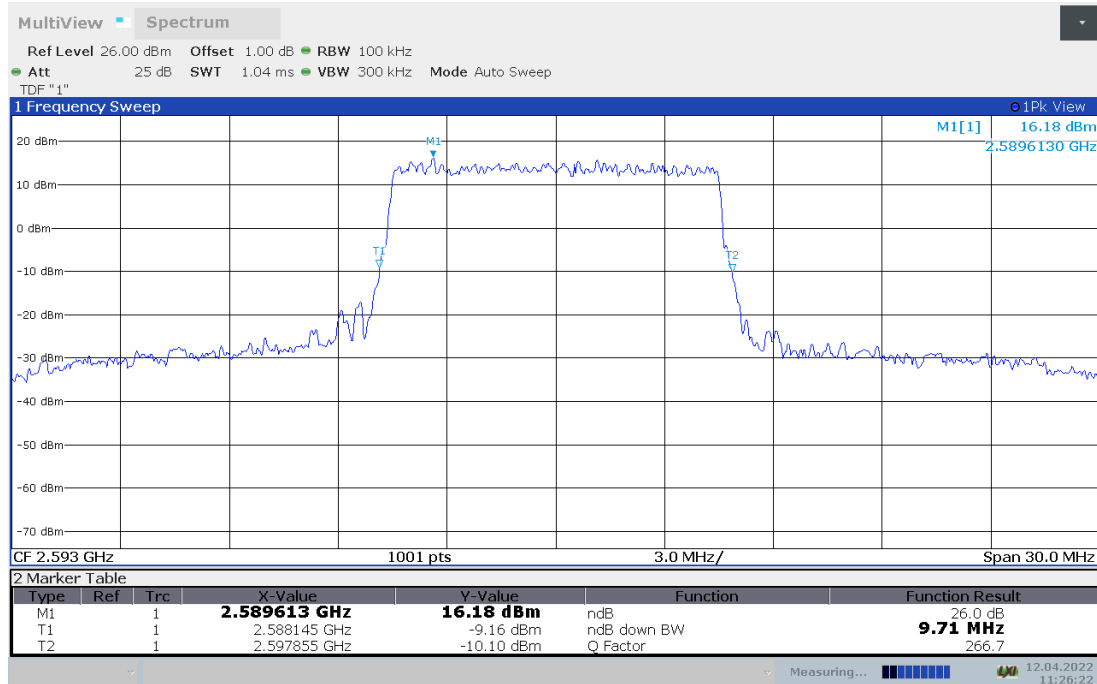
LTE band 41 , 5MHz Bandwidth,16QAM (-26dBc BW)



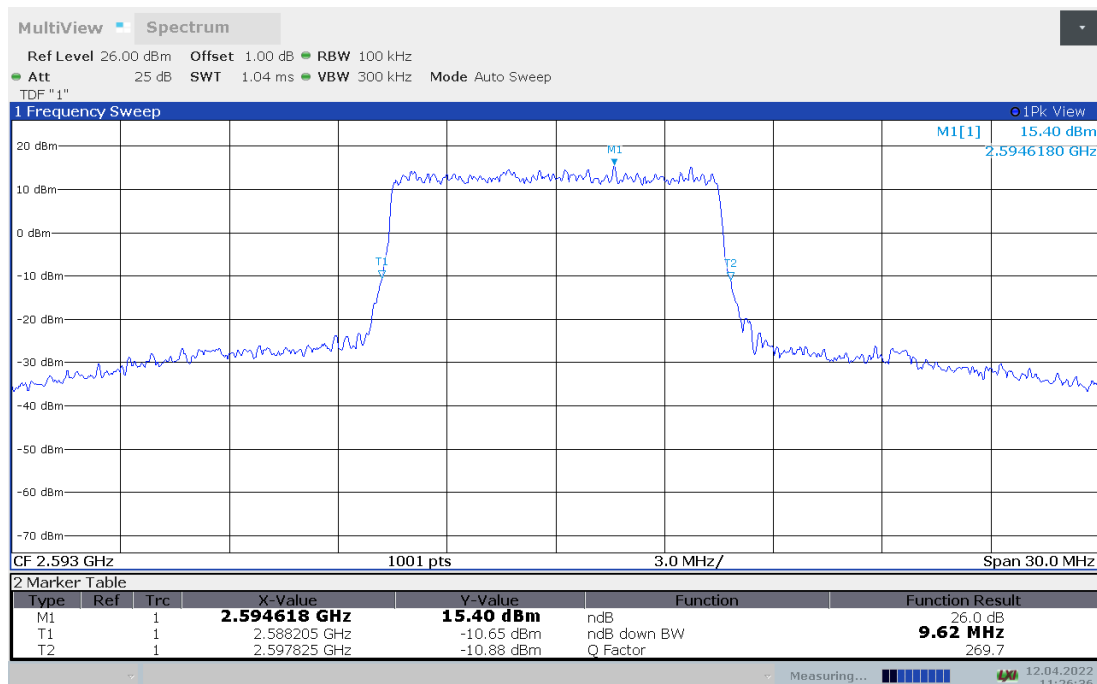
LTE band 41, 10MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2595	9.71	9.62

LTE band 41 , 10MHz Bandwidth,QPSK (-26dBc BW)



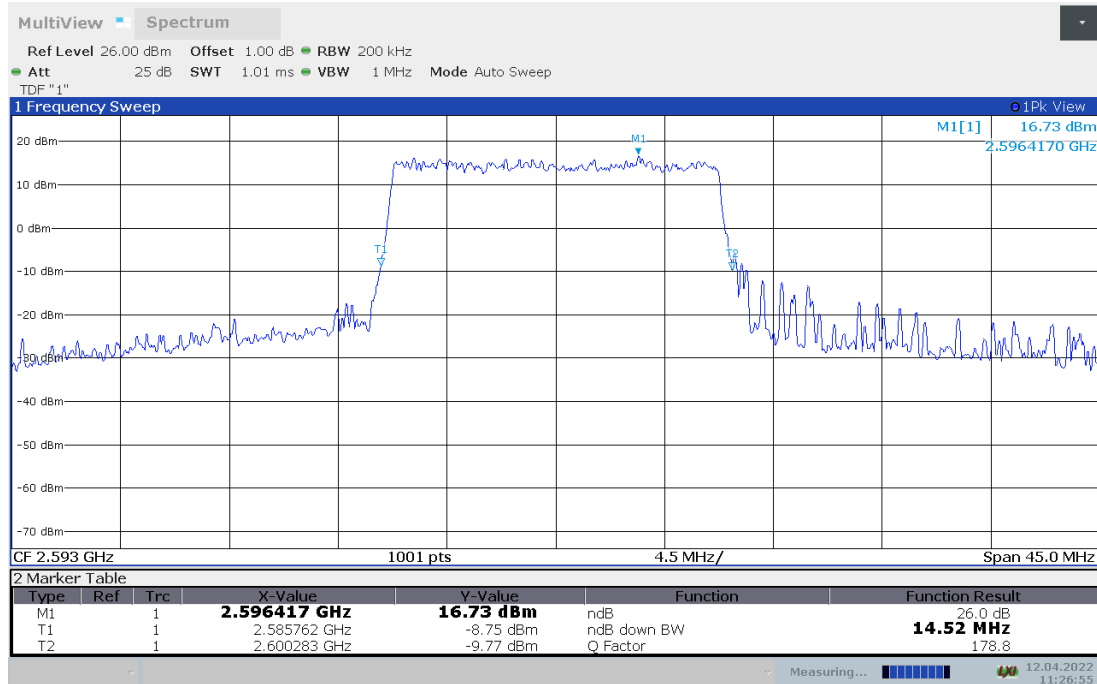
LTE band 41 , 10MHz Bandwidth,16QAM (-26dBc BW)



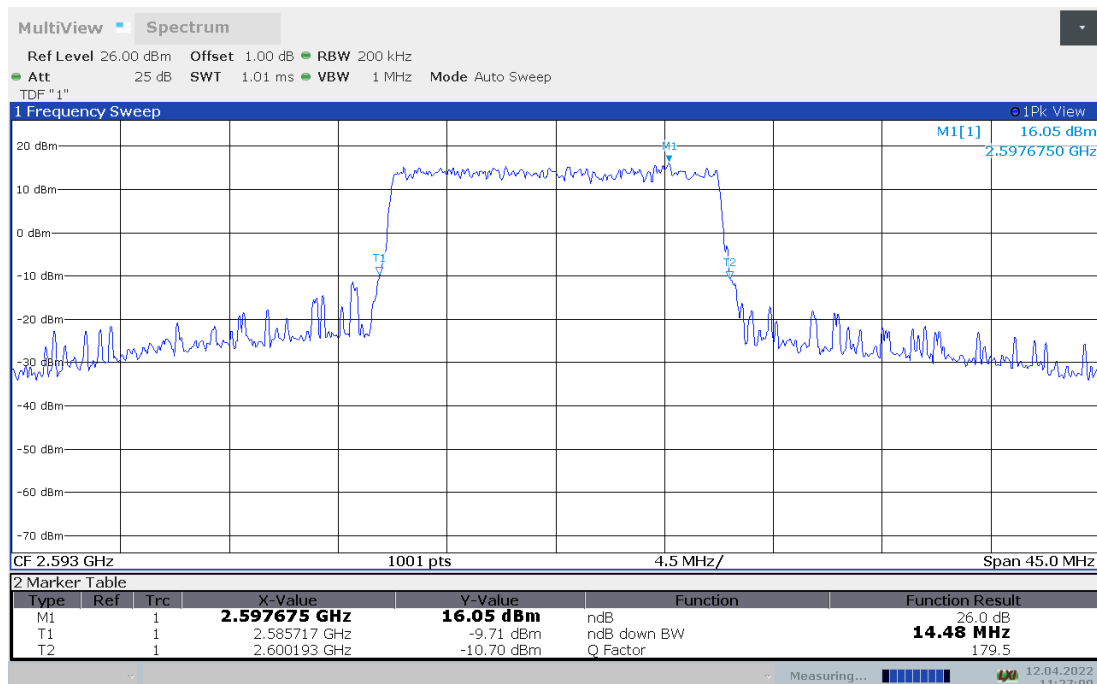
LTE band 41, 15MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2595	14.52	14.48

LTE band 41 , 15MHz Bandwidth,QPSK (-26dBc BW)



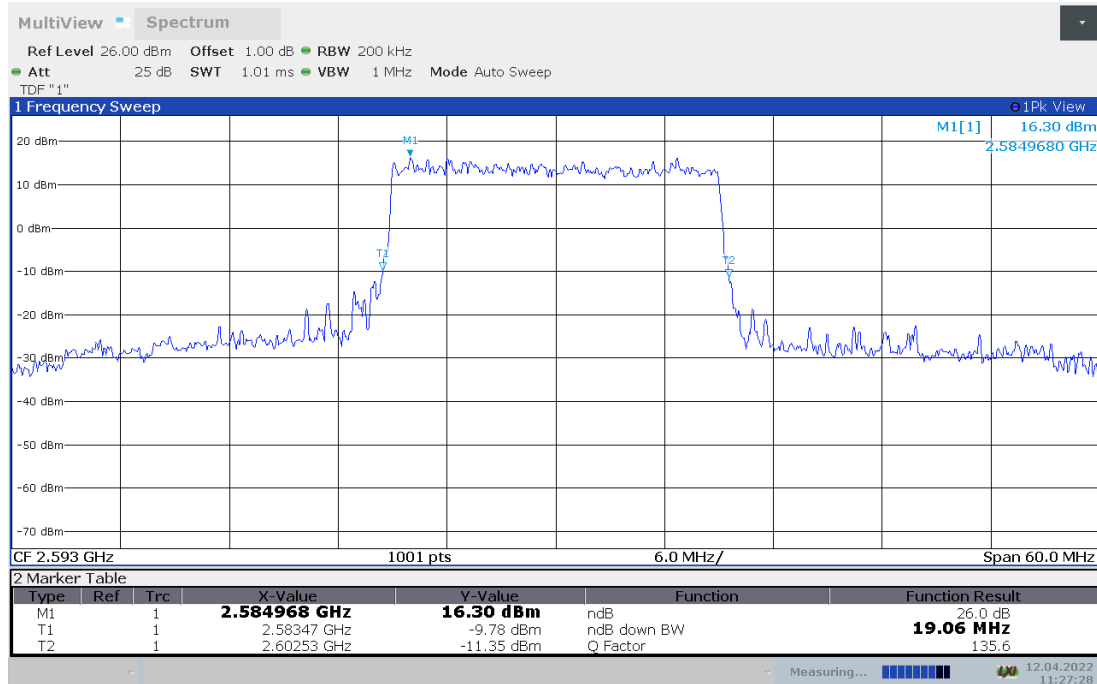
LTE band 41 , 15MHz Bandwidth,16QAM (-26dBc BW)



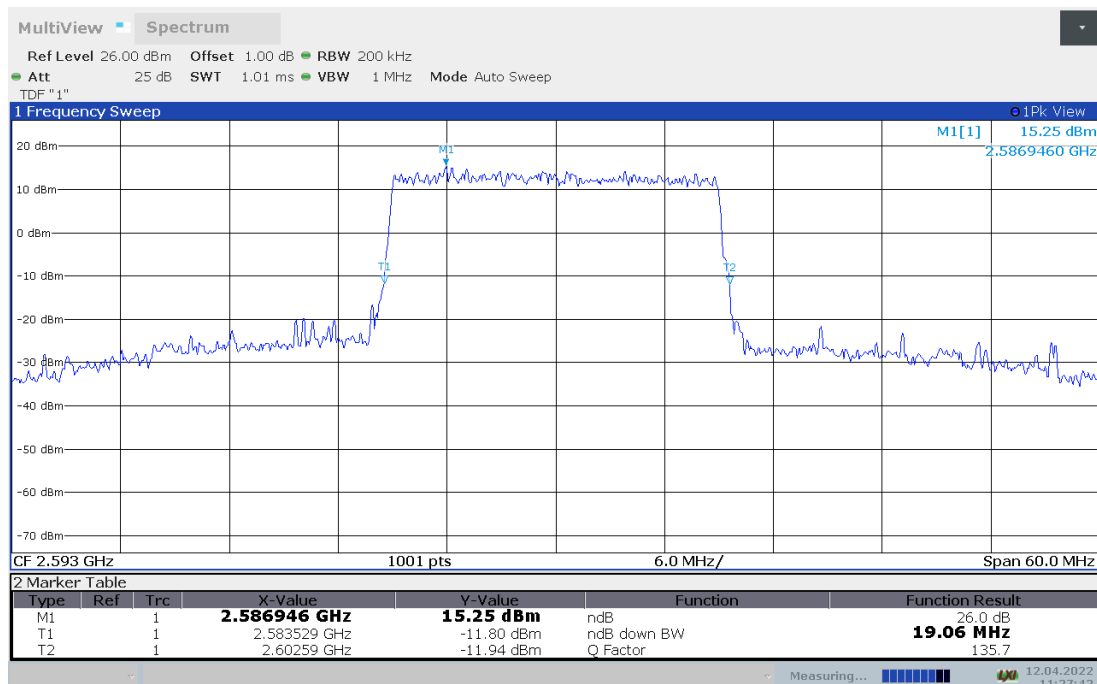
LTE band 41, 20MHz (-26dBc BW)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2595	19.06	19.06

LTE band 41 , 20MHz Bandwidth,QPSK (-26dBc BW)



LTE band 41 , 20MHz Bandwidth,16QAM (-26dBc BW)



A.6 Band Edge Compliance

A.6.1 Measurement limit

Part 22.917, Part 24.238 and Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(c) states for operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following: (1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB; (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB; (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log(P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.

Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Part 90.691 states that out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows: For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz. For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency

removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

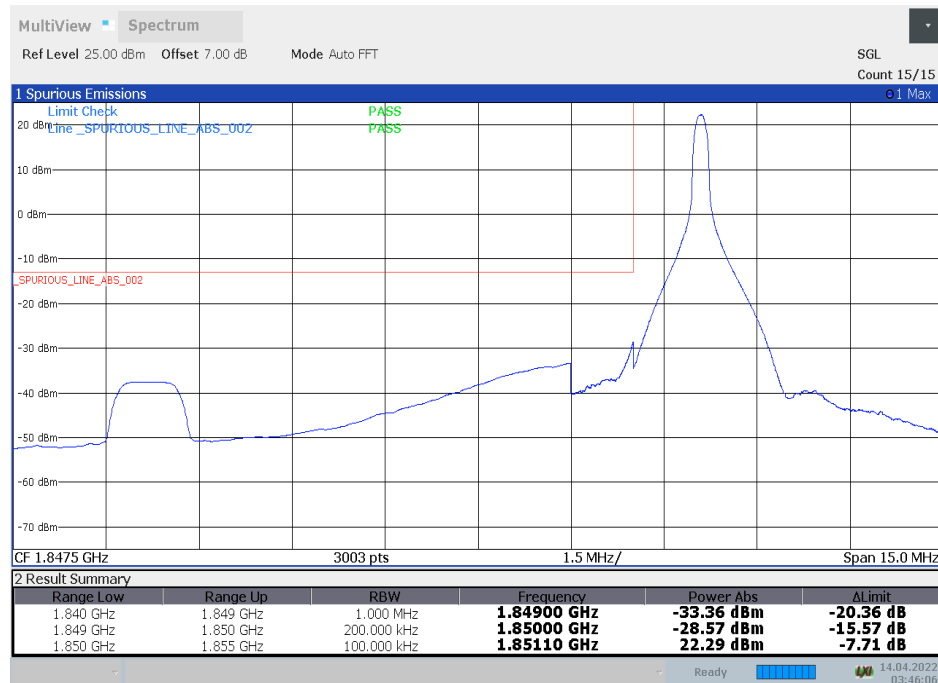
The spectrum analyzer readings are corrected by $[10 \log (1/\text{duty cycle})]$ for the non-continuous transmitting scenario.

A.6.2 Measurement result

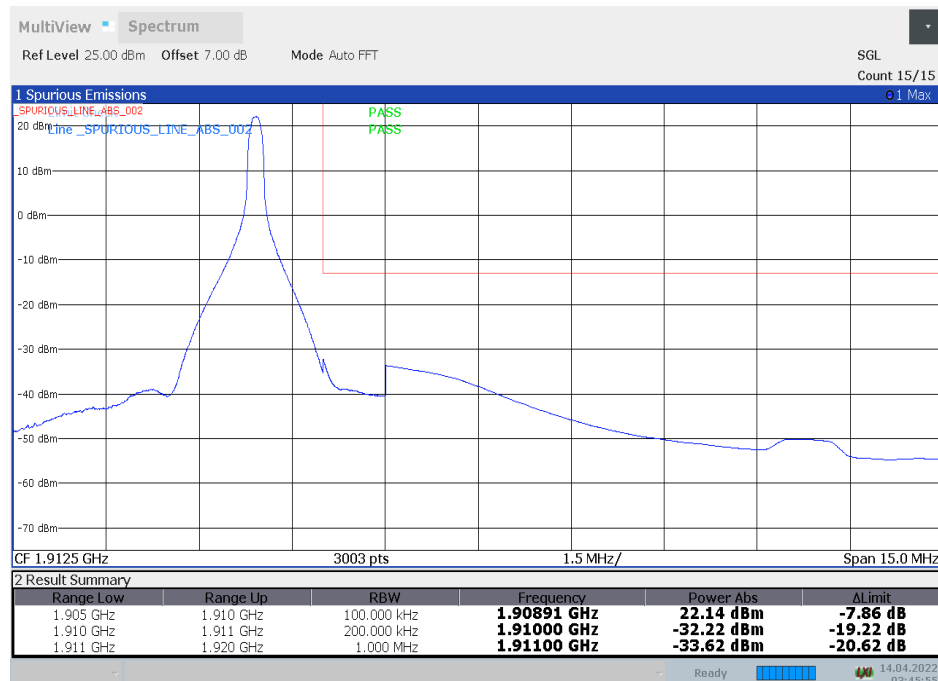
Only the worst case result is given below

LTE band 2

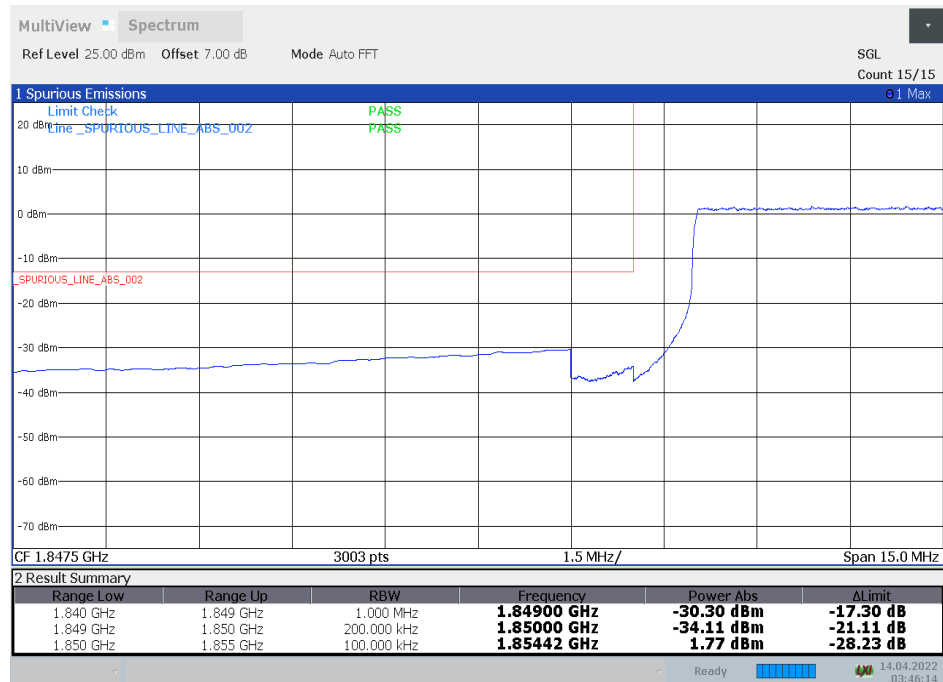
LOW BAND EDGE BLOCK-1RB-low



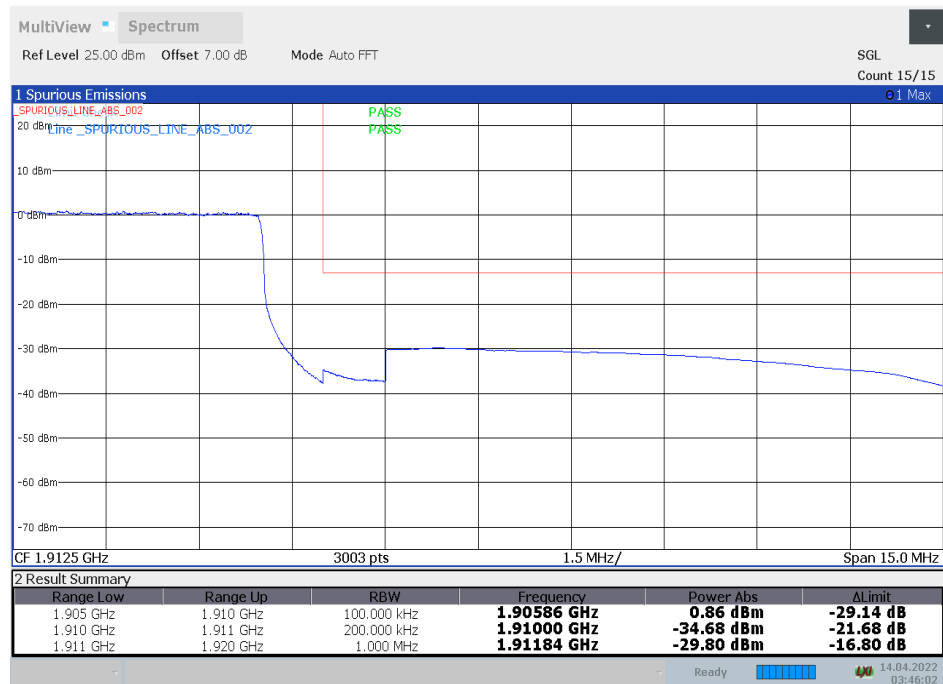
HIGH BAND EDGE BLOCK-1RB-high



LOW BAND EDGE BLOCK-20MHz-100%RB

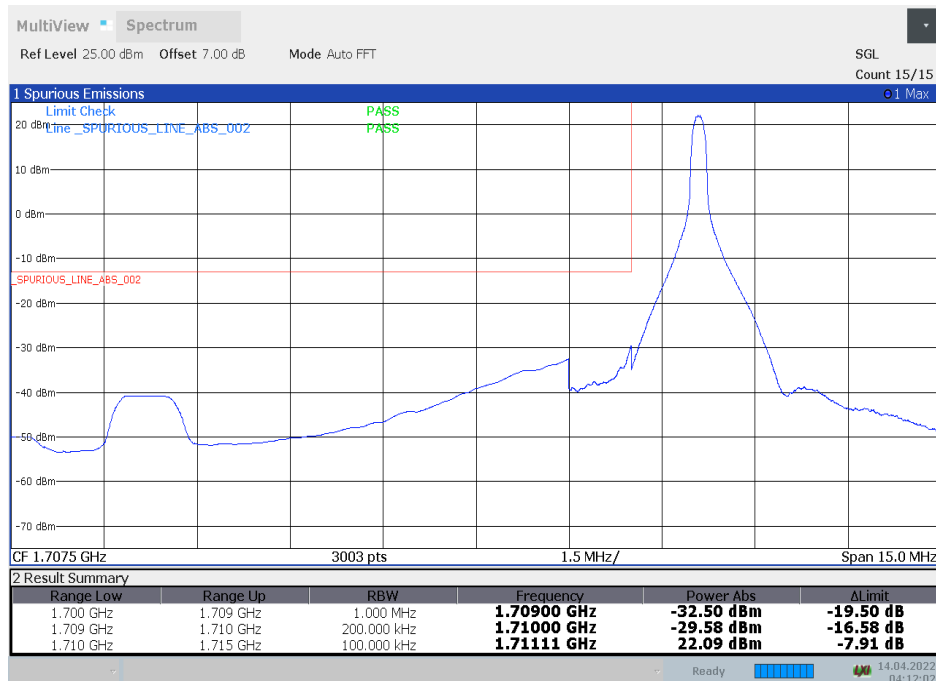


HIGH BAND EDGE BLOCK-20MHz-100%RB

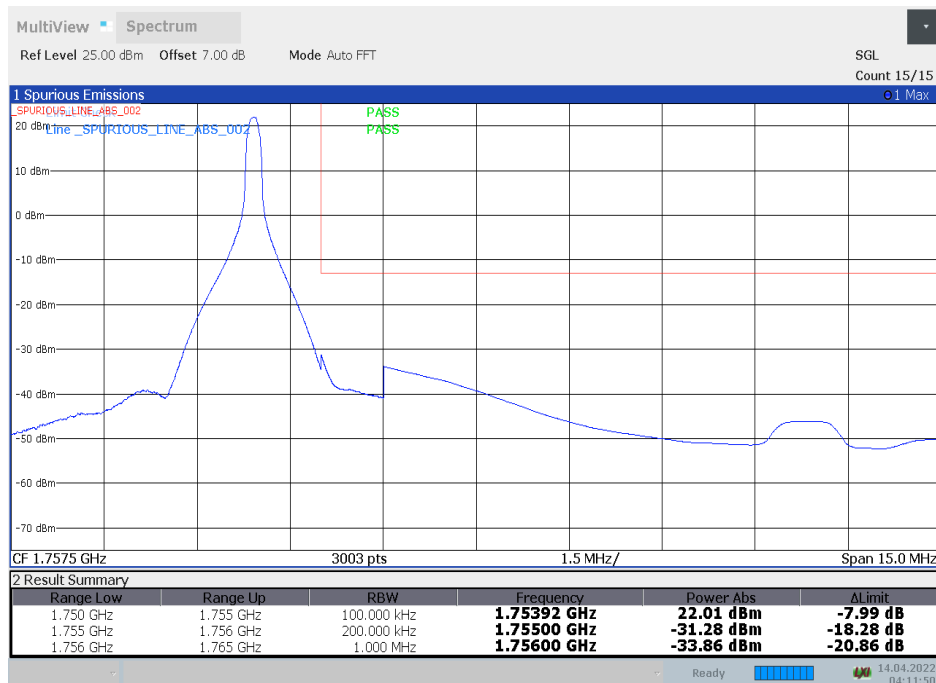


LTE band 4

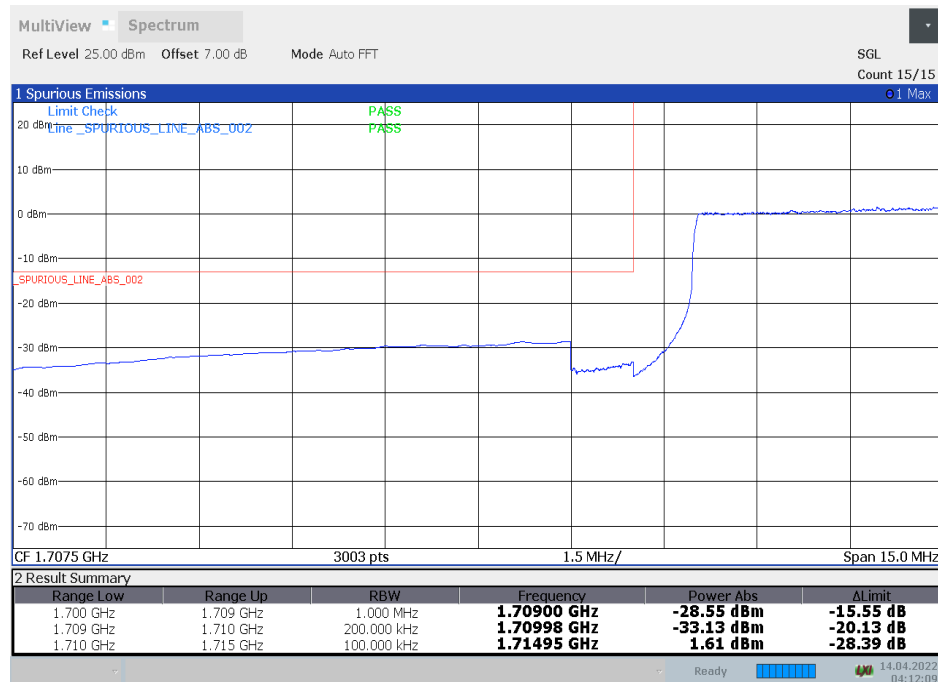
LOW BAND EDGE BLOCK-1RB-low



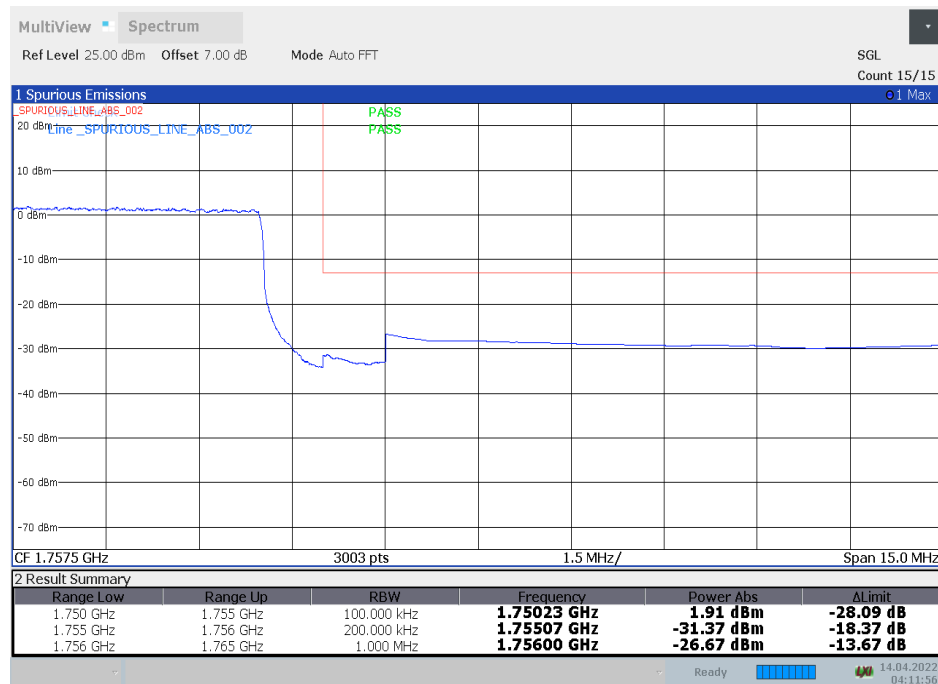
HIGH BAND EDGE BLOCK-1RB-high



LOW BAND EDGE BLOCK-20MHz-100%RB

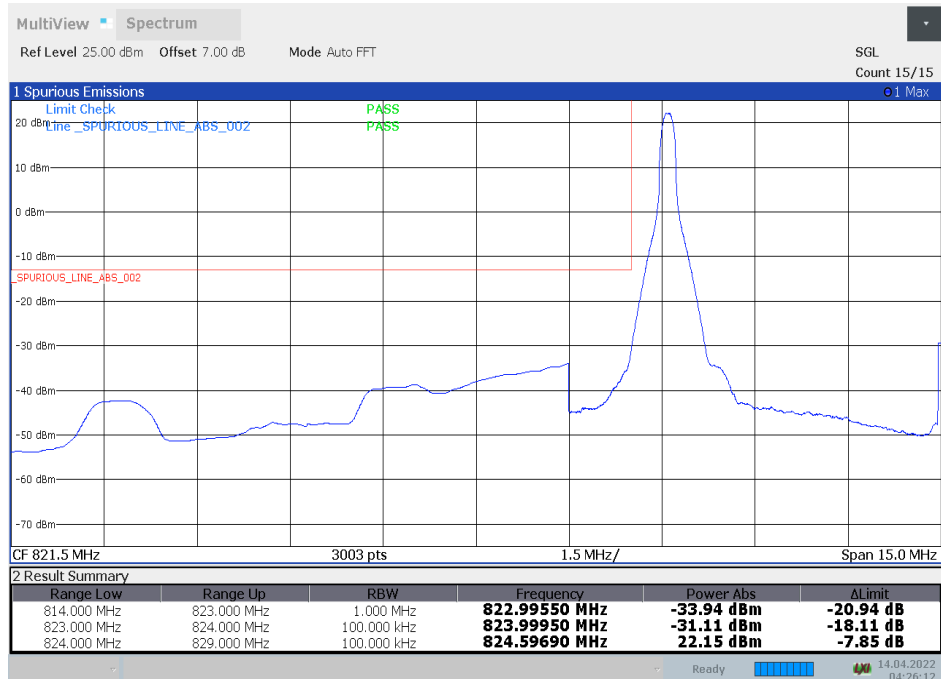


HIGH BAND EDGE BLOCK-20MHz-100%RB

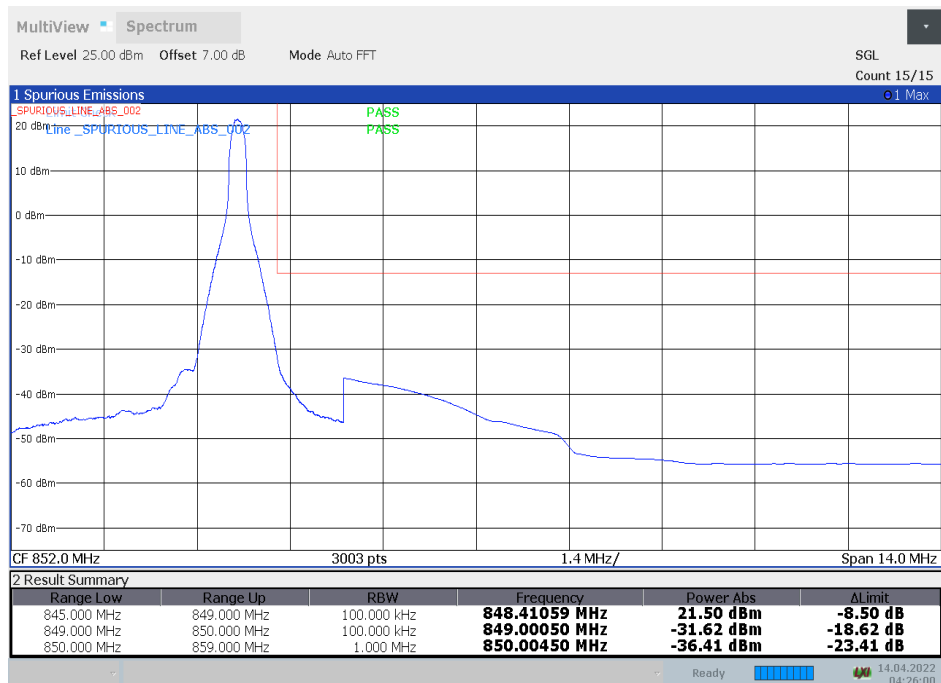


LTE band 5

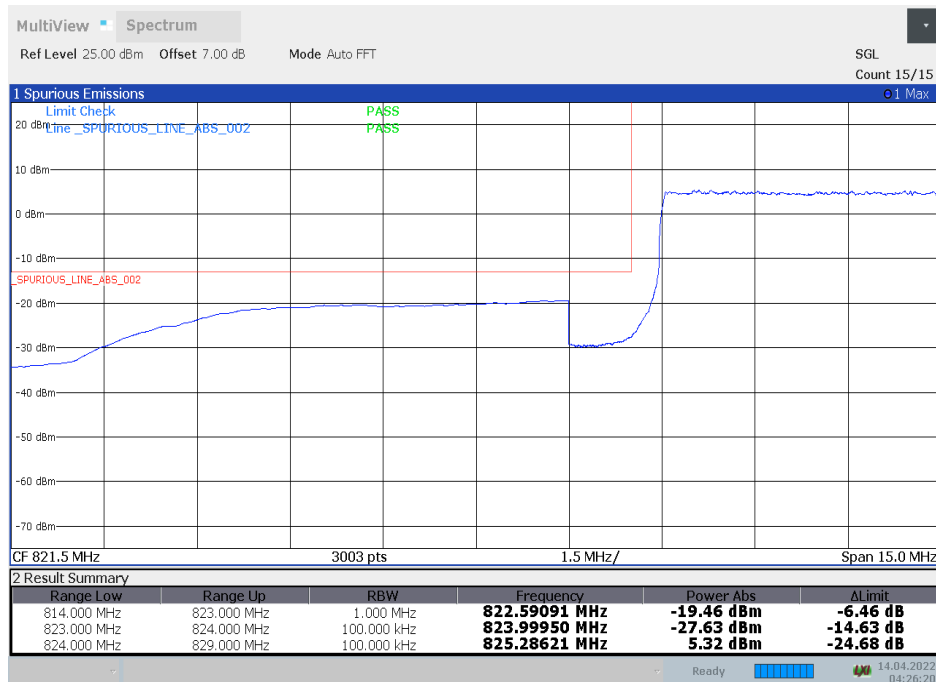
LOW BAND EDGE BLOCK-1RB-low



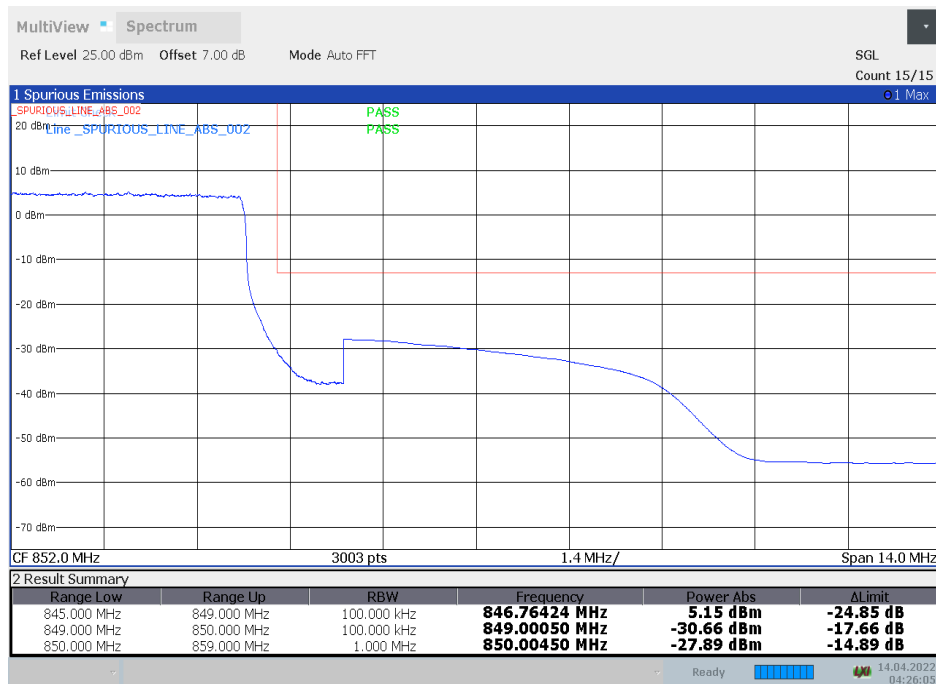
HIGH BAND EDGE BLOCK-1RB-high



LOW BAND EDGE BLOCK-10MHz-100%RB

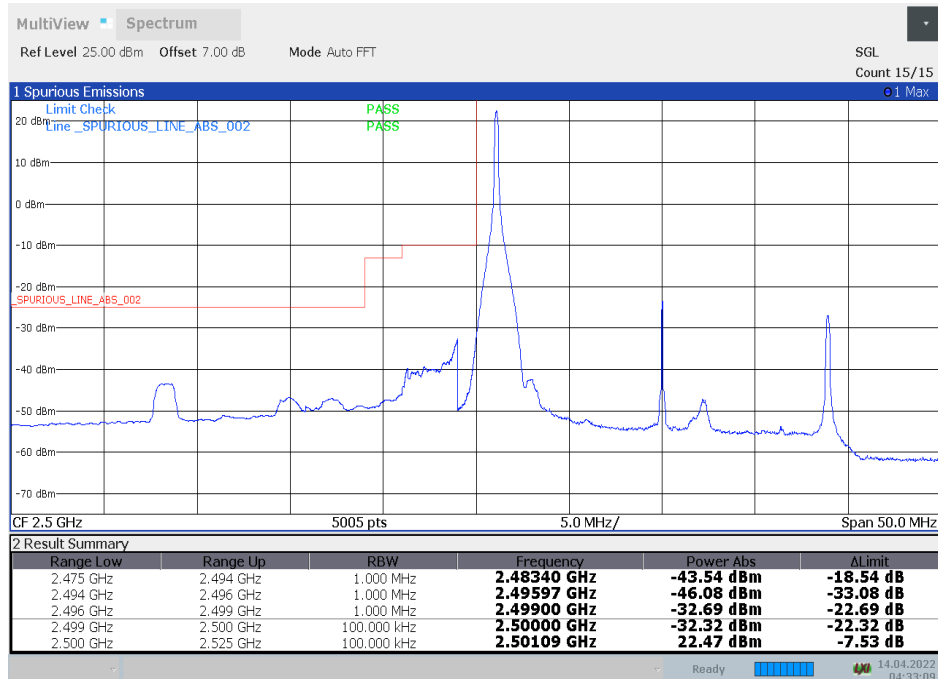


HIGH BAND EDGE BLOCK-10MHz-100%RB



LTE band 7

LOW BAND EDGE BLOCK-1RB-low



HIGH BAND EDGE BLOCK-1RB-high

