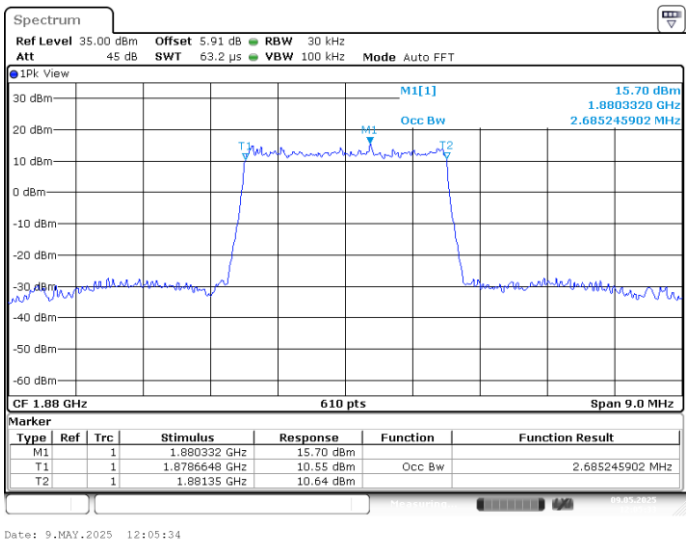
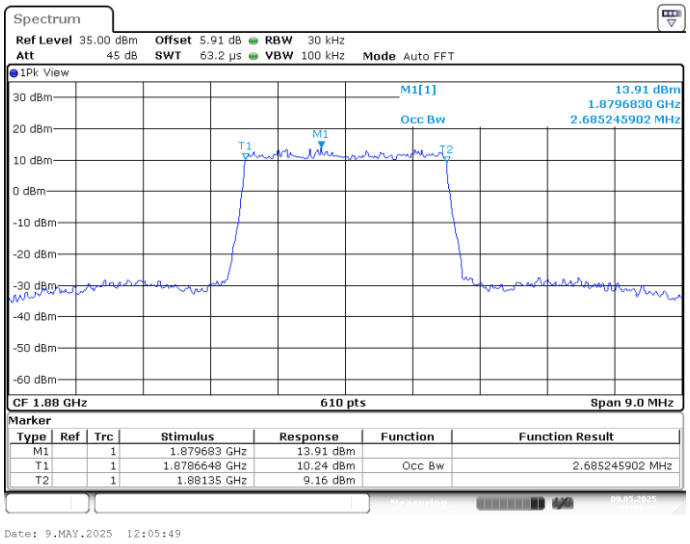
LTE band 2,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	2.685	2.685

LTE band 2 , 3MHz Bandwidth,MID,QPSK (99% BW)



LTE band 2 , 3MHz Bandwidth,MID,16QAM (99% BW)



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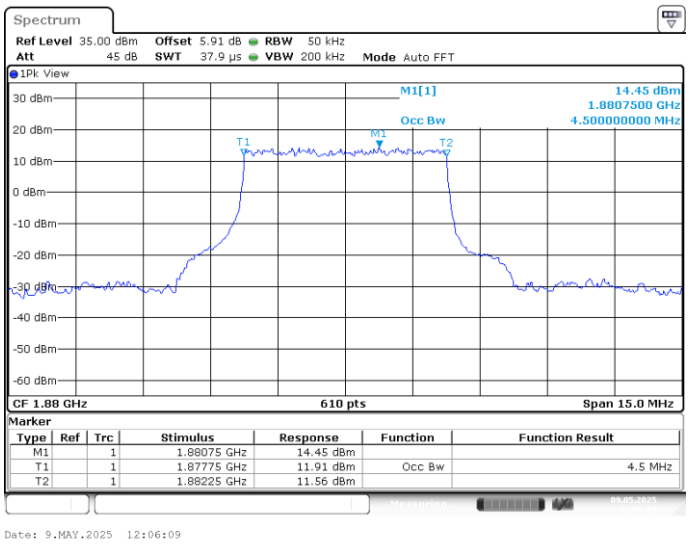
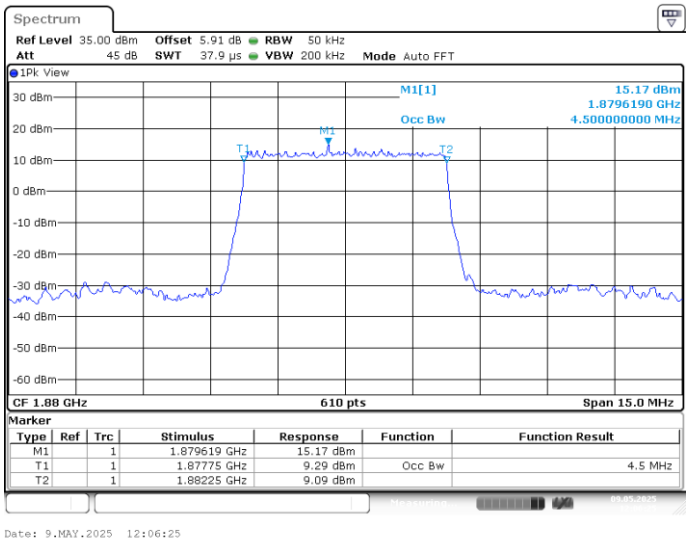
LTE band 2,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	4.500	4.500

LTE band 2 , 5MHz Bandwidth,MID,QPSK (99% BW)



LTE band 2 , 5MHz Bandwidth,MID,16QAM (99% BW)



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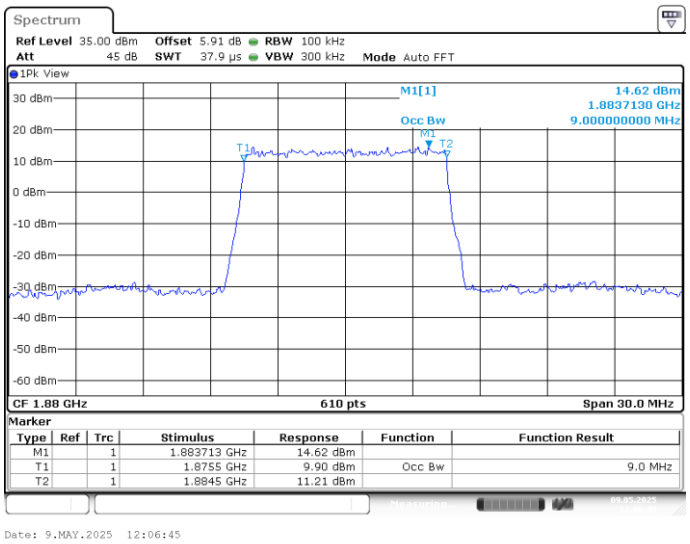
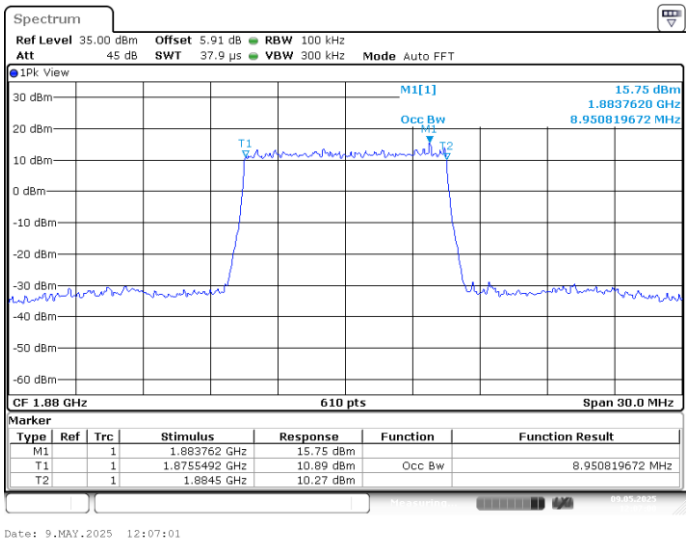
LTE band 2,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	9.000	8.951

LTE band 2 , 10MHz Bandwidth,MID,QPSK (99% BW)



LTE band 2 , 10MHz Bandwidth,MID,16QAM (99% BW)



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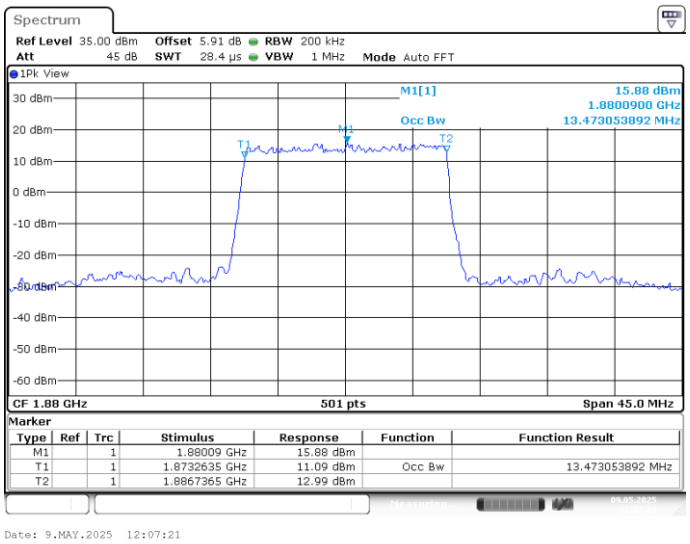
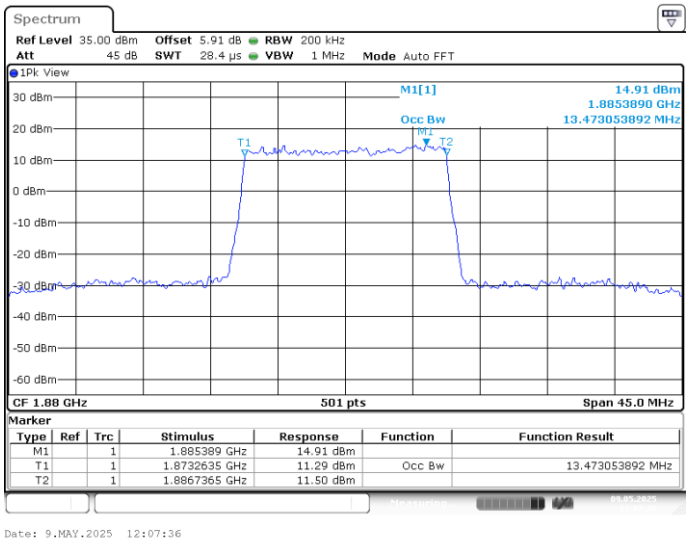
LTE band 2,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	13.473	13.473

LTE band 2 , 15MHz Bandwidth,MID,QPSK (99% BW)



LTE band 2 , 15MHz Bandwidth,MID,16QAM (99% BW)



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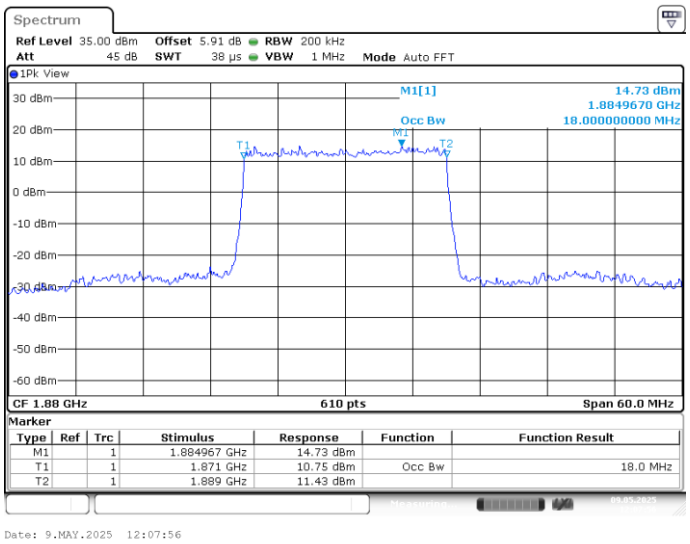
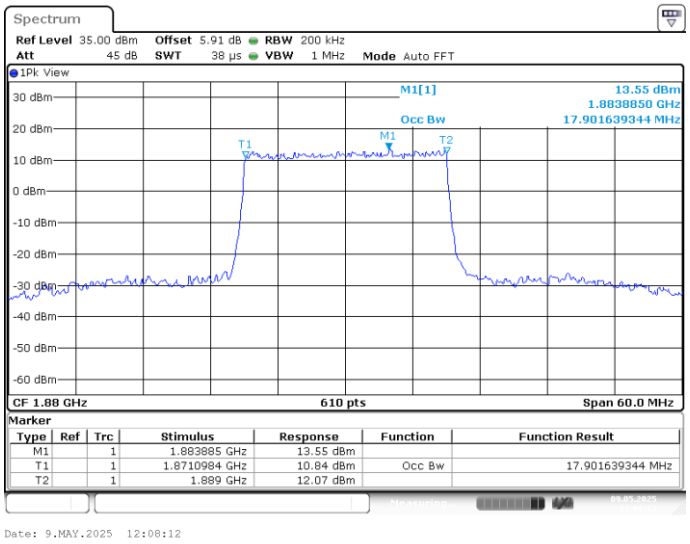
LTE band 2,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	18.000	17.902

LTE band 2 , 20MHz Bandwidth,MID,QPSK (99% BW)



LTE band 2 , 20MHz Bandwidth,MID,16QAM (99% BW)



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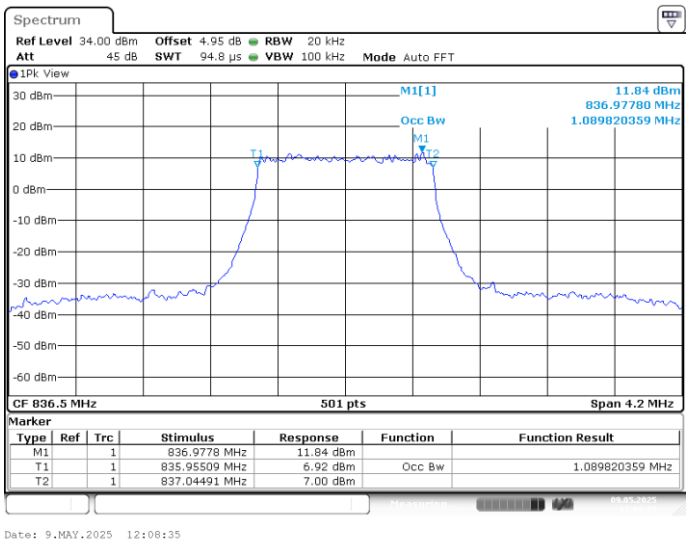
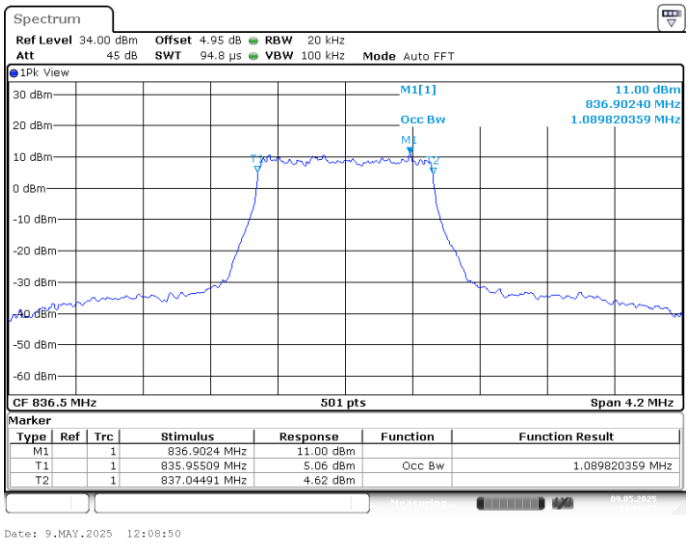
LTE band 5,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	1.090	1.090

LTE band 5 , 1.4MHz Bandwidth,MID,QPSK (99% BW)



LTE band 5 , 1.4MHz Bandwidth,MID,16QAM (99% BW)



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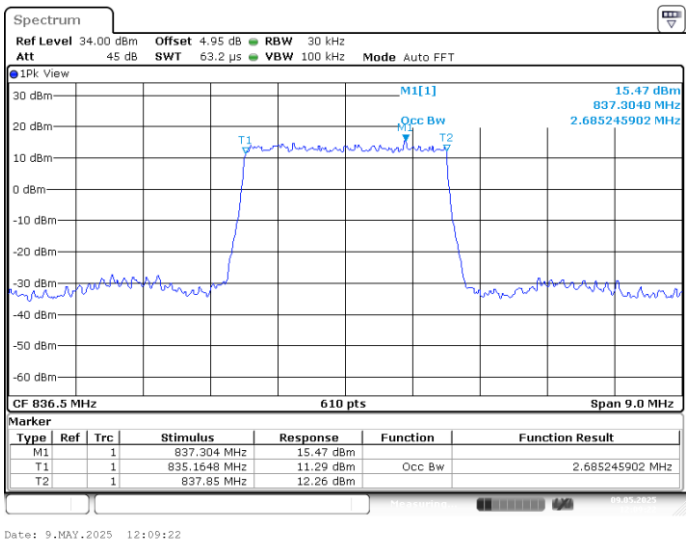
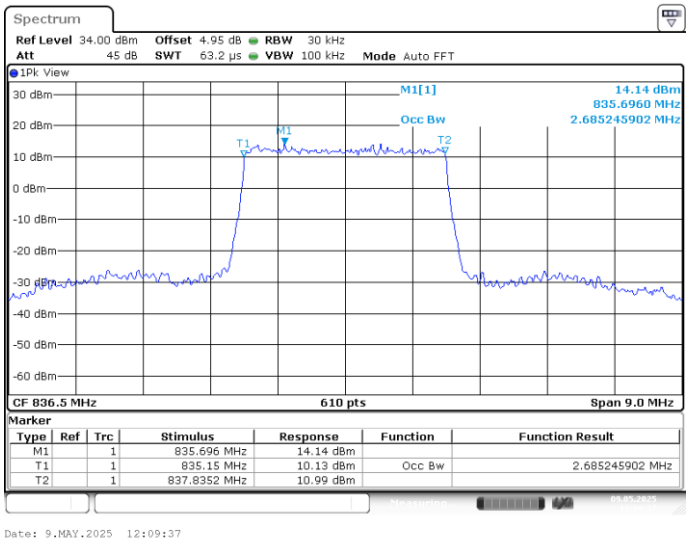
LTE band 5,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	2.685	2.685

LTE band 5 , 3MHz Bandwidth,MID,QPSK (99% BW)



LTE band 5 , 3MHz Bandwidth,MID,16QAM (99% BW)



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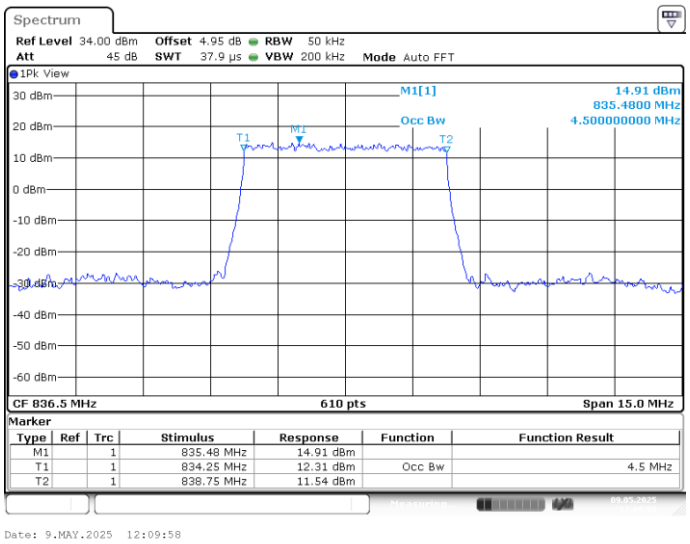
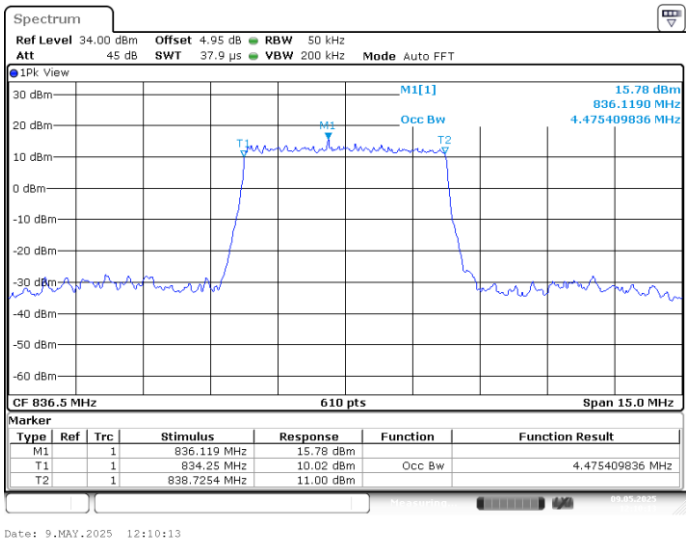
LTE band 5,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	4.500	4.475

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



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



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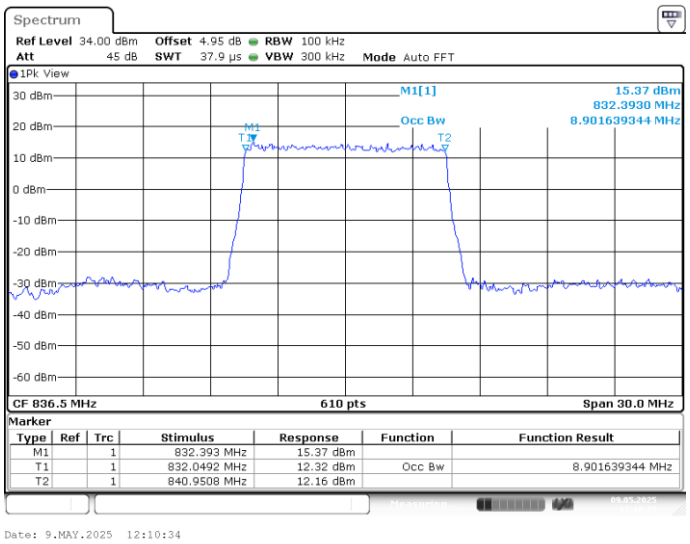
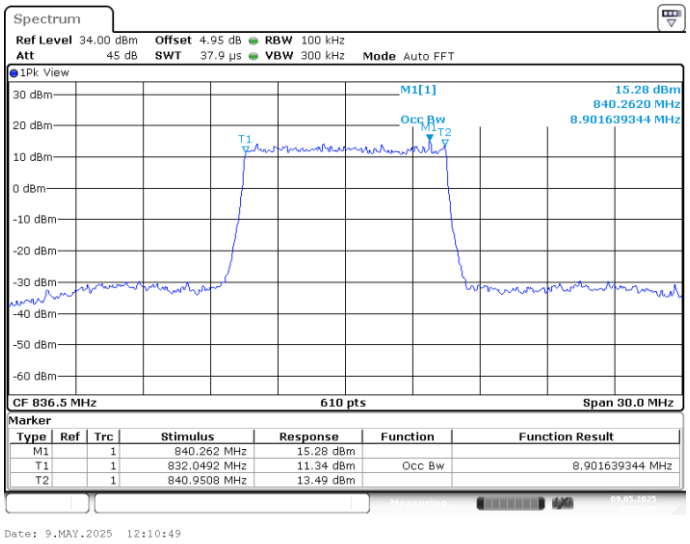
LTE band 5,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	8.902	8.902

LTE band 5 , 10MHz Bandwidth,MID,QPSK (99% BW)



LTE band 5 , 10MHz Bandwidth,MID,16QAM (99% BW)



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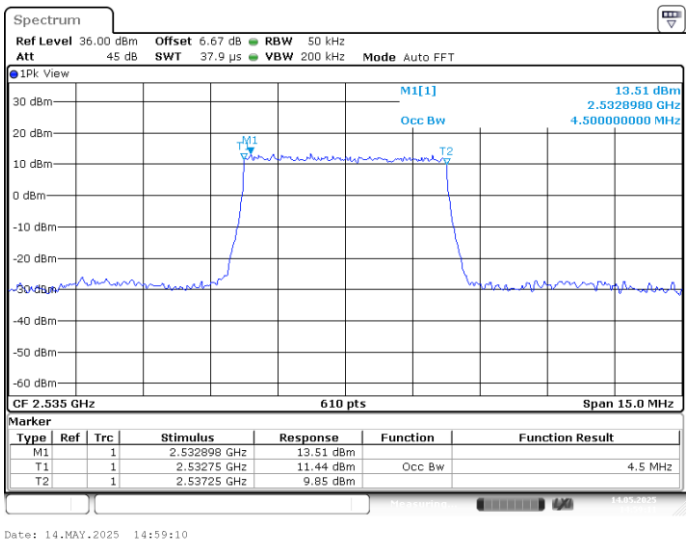
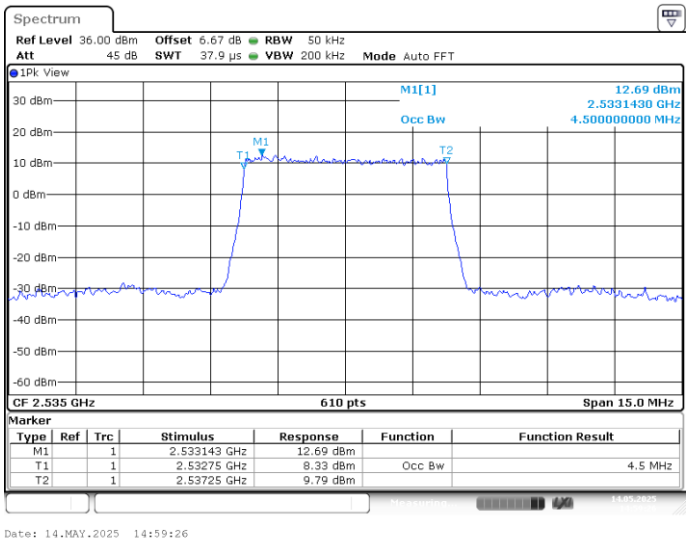
LTE band 7,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535	4.500	4.500

LTE band 7 , 5MHz Bandwidth,MID,QPSK (99% BW)



LTE band 7 , 5MHz Bandwidth,MID,16QAM (99% BW)



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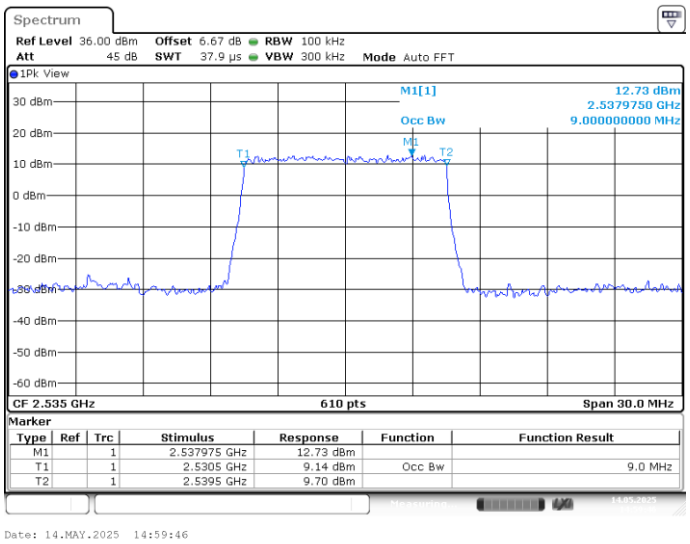
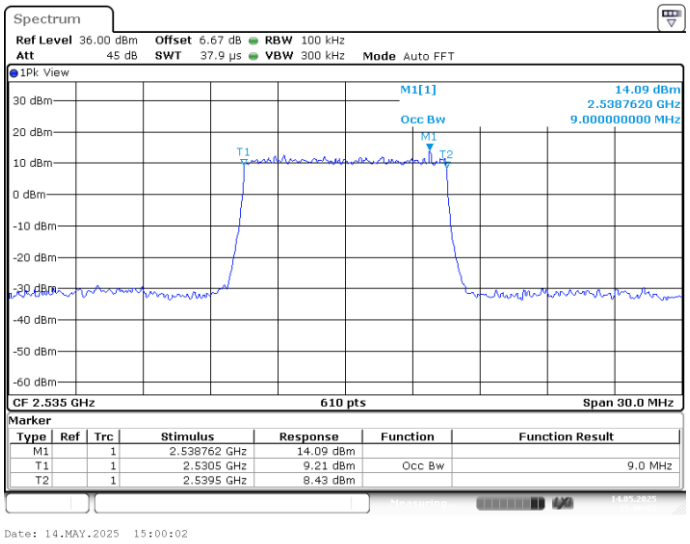
LTE band 7,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535	9.000	9.000

LTE band 7 , 10MHz Bandwidth,MID,QPSK (99% BW)



LTE band 7 , 10MHz Bandwidth,MID,16QAM (99% BW)



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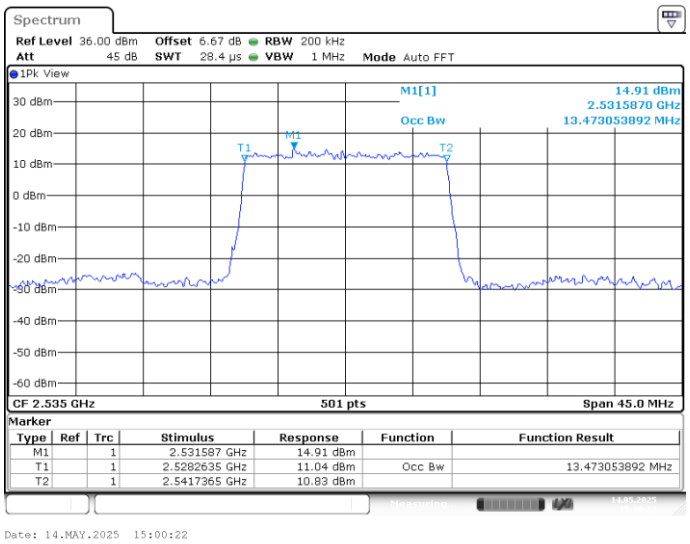
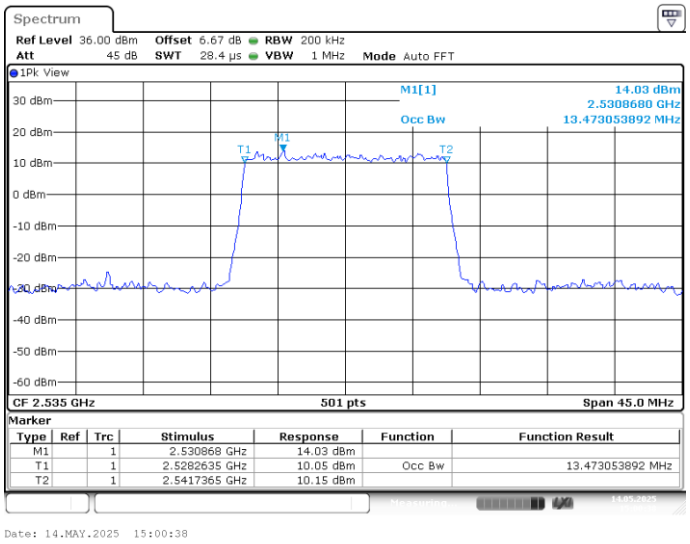
LTE band 7,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535	13.473	13.473

LTE band 7 , 15MHz Bandwidth,MID,QPSK (99% BW)



LTE band 7 , 15MHz Bandwidth,MID,16QAM (99% BW)



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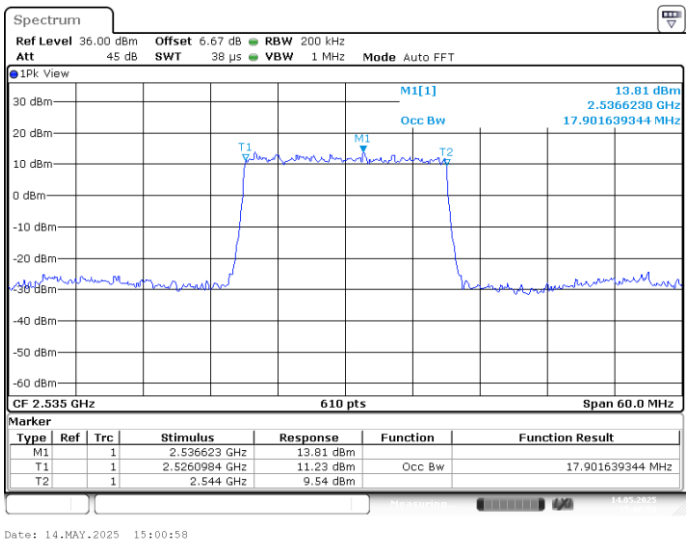
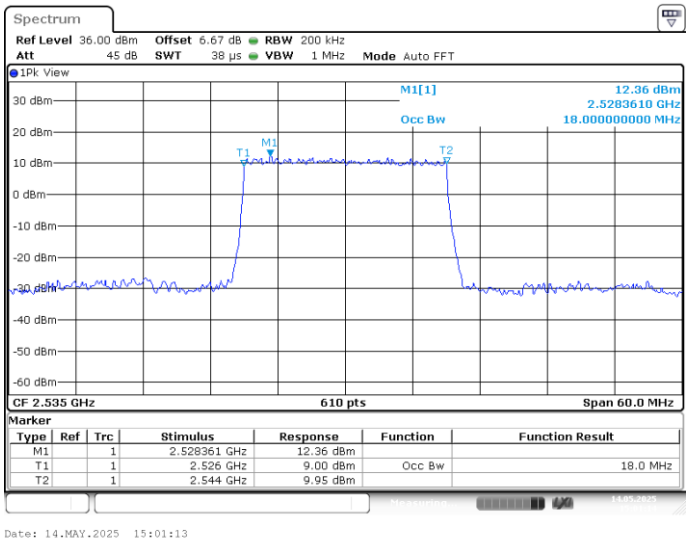
LTE band 7,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535	17.902	18.000

LTE band 7 , 20MHz Bandwidth,MID,QPSK (99% BW)



LTE band 7 , 20MHz Bandwidth,MID,16QAM (99% BW)



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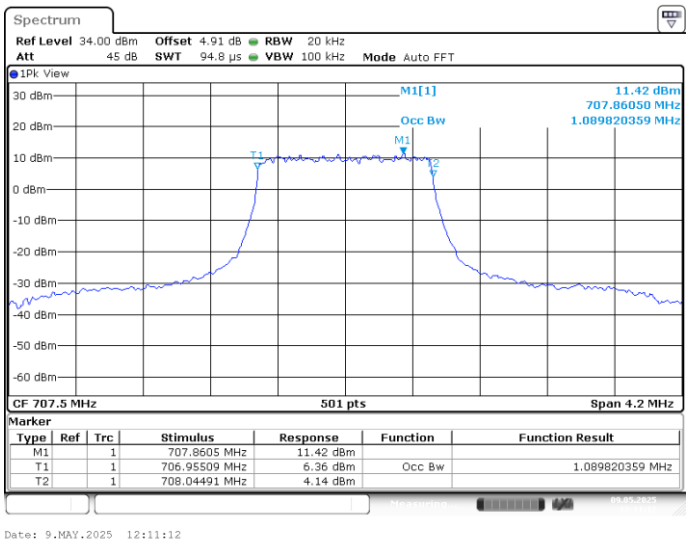
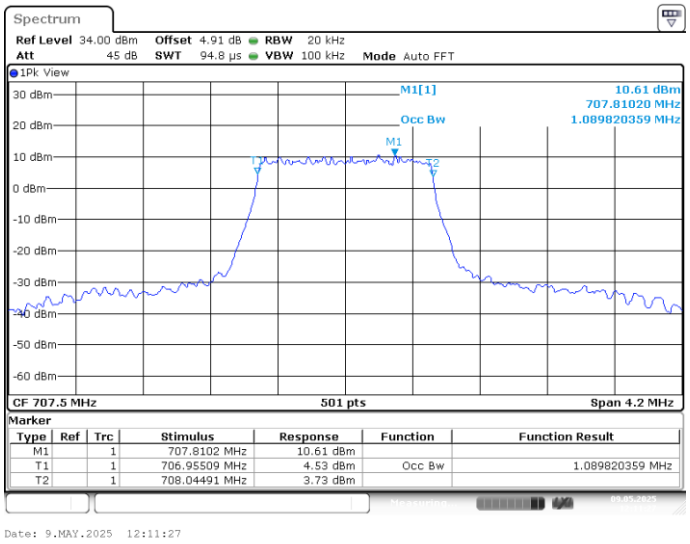
LTE band 12,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	1.090	1.090

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



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



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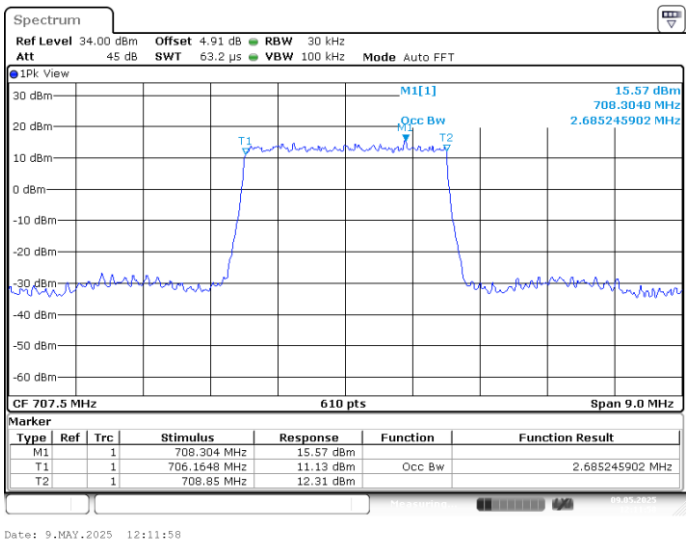
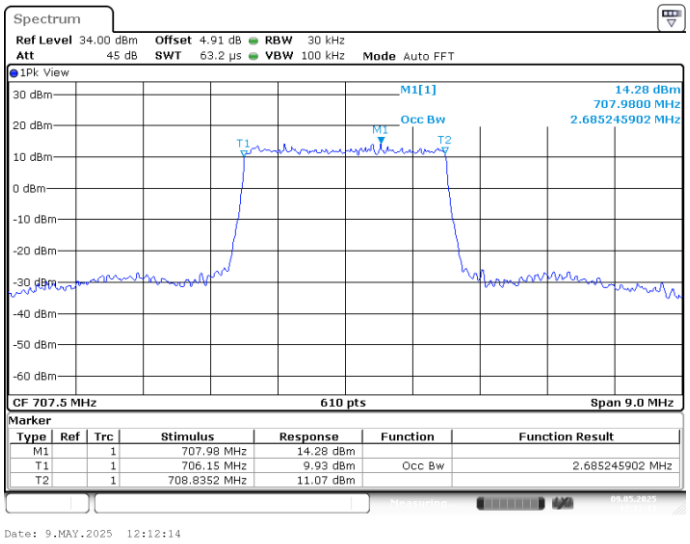
LTE band 12,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	2.685	2.685

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



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



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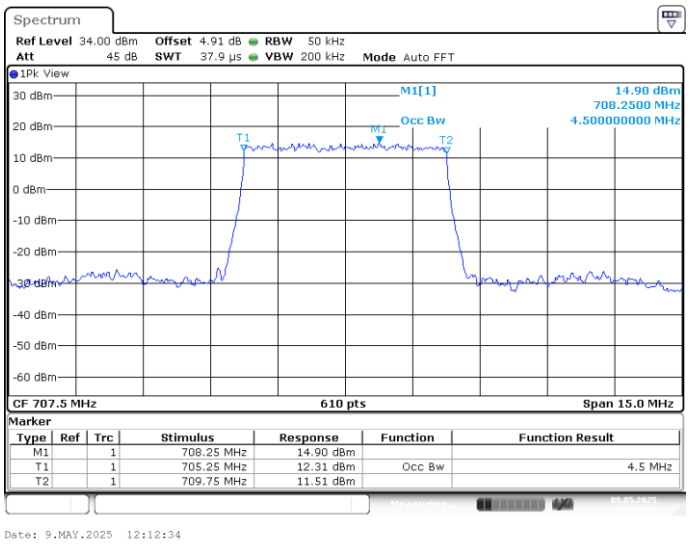
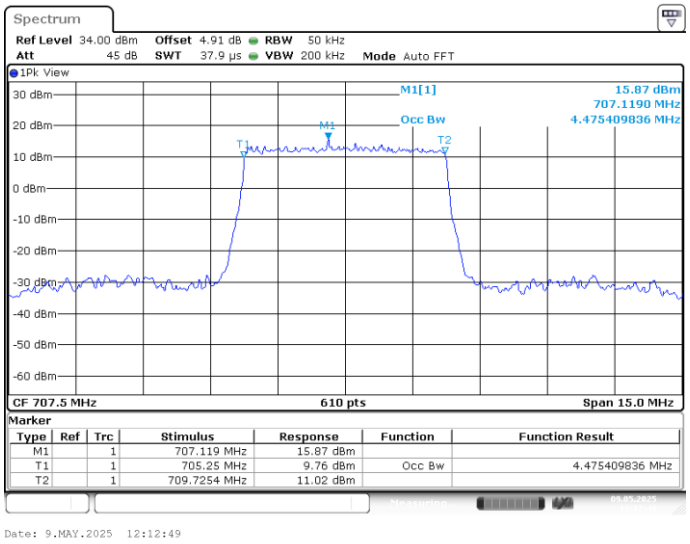
LTE band 12,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	4.500	4.475

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



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



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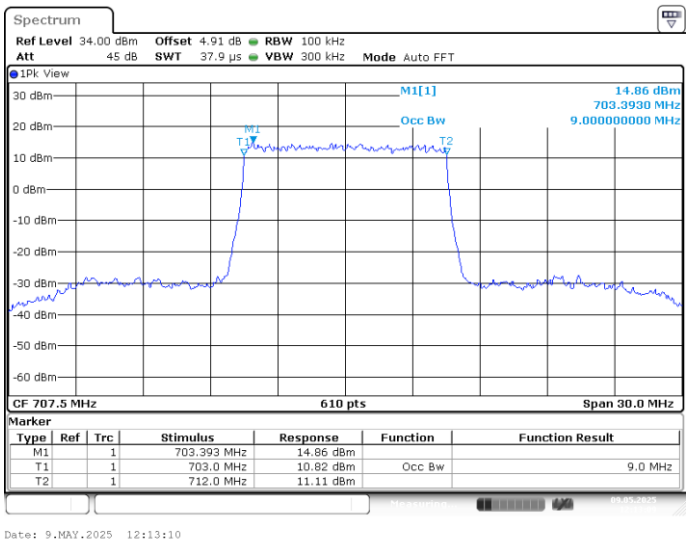
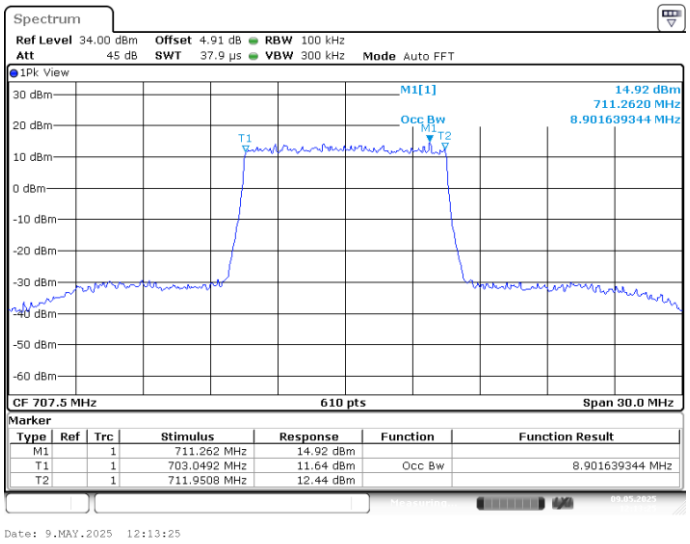
LTE band 12,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	9.000	8.902

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



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



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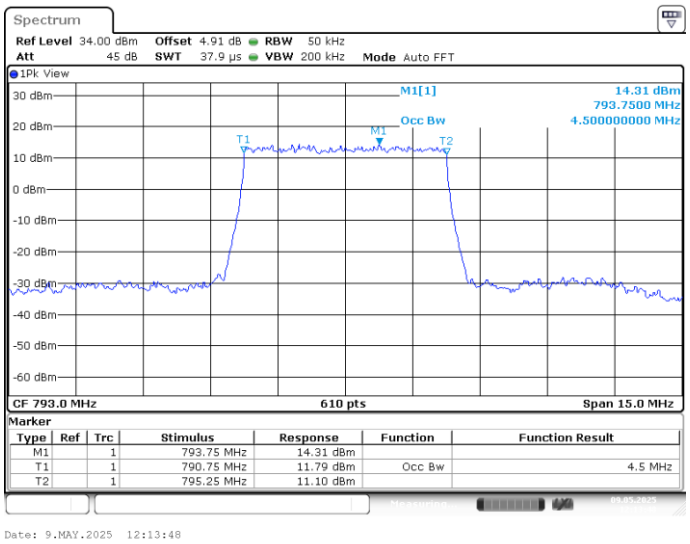
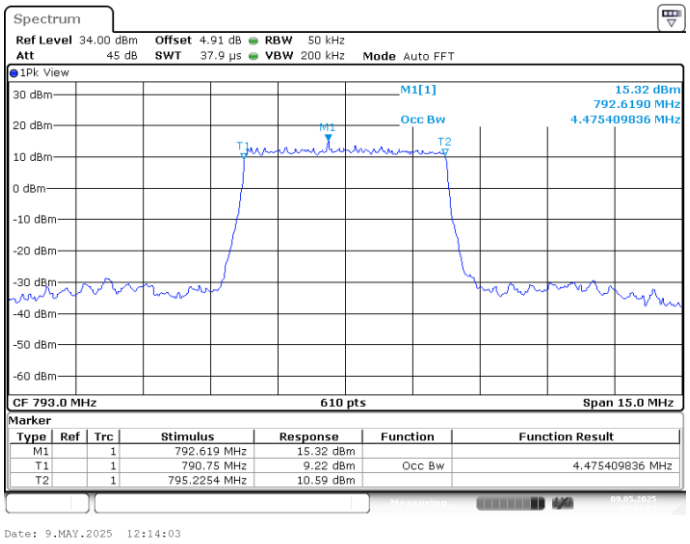
LTE band 14,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
793	4.500	4.475

LTE band 14 , 5MHz Bandwidth,MID,QPSK (99% BW)



LTE band 14 , 5MHz Bandwidth,MID,16QAM (99% BW)



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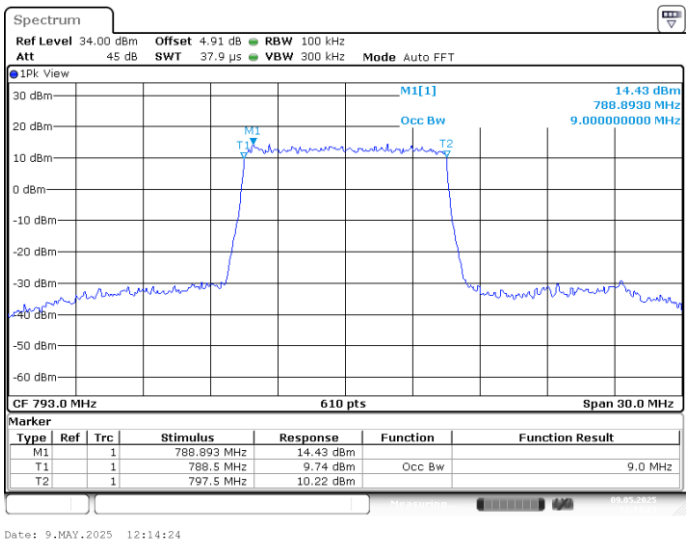
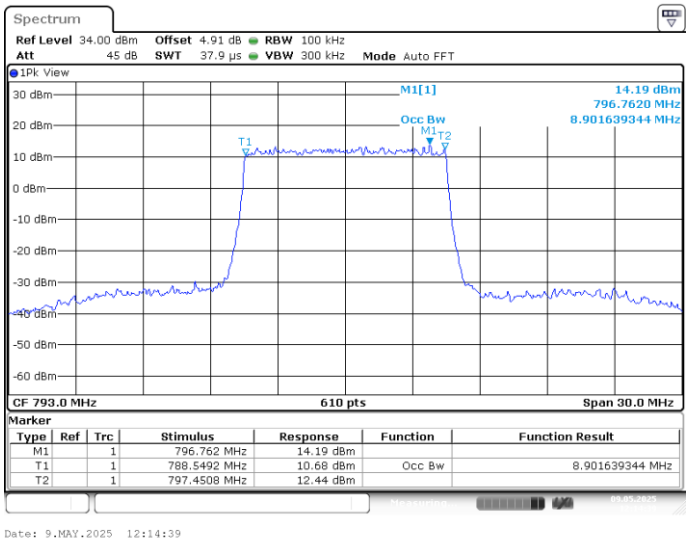
LTE band 14,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
793	9.000	8.902

LTE band 14 , 10MHz Bandwidth,MID,QPSK (99% BW)



LTE band 14 , 10MHz Bandwidth,MID,16QAM (99% BW)



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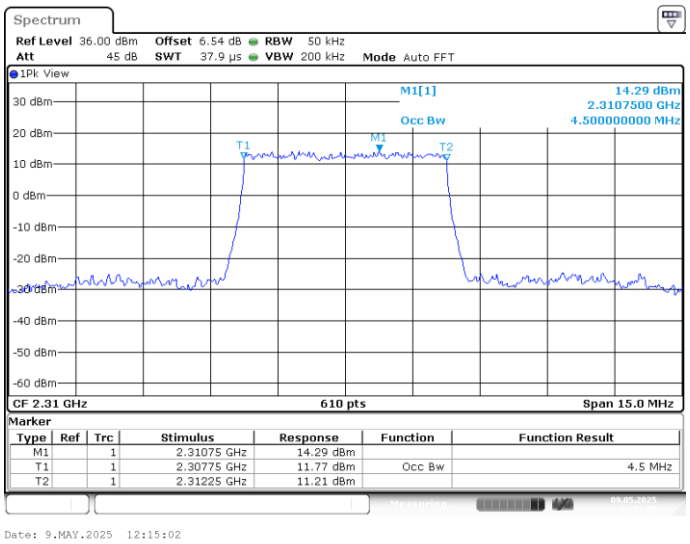
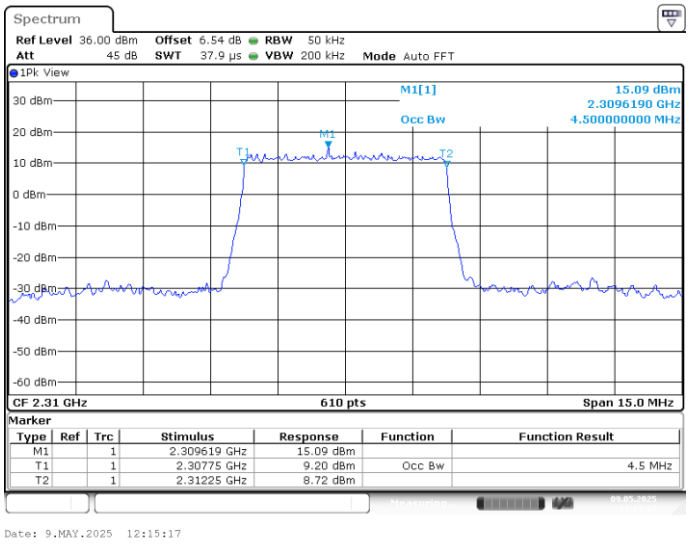
LTE band 30,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2310	4.500	4.500

LTE band 30 , 5MHz Bandwidth,MID,QPSK (99% BW)



LTE band 30 , 5MHz Bandwidth,MID,16QAM (99% BW)



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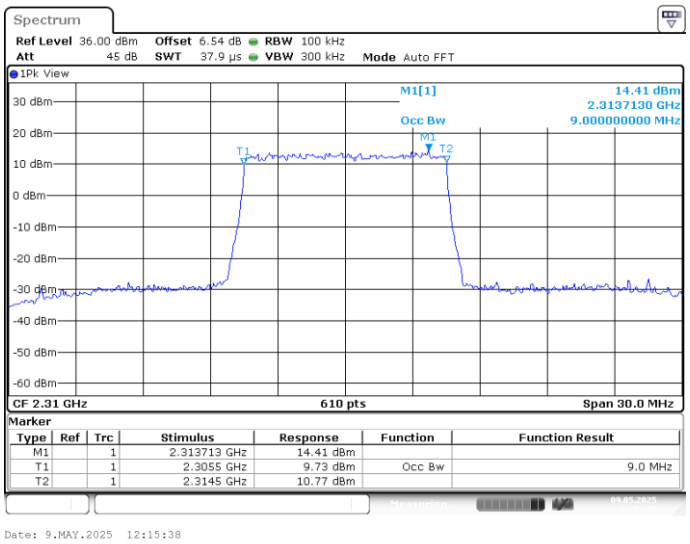
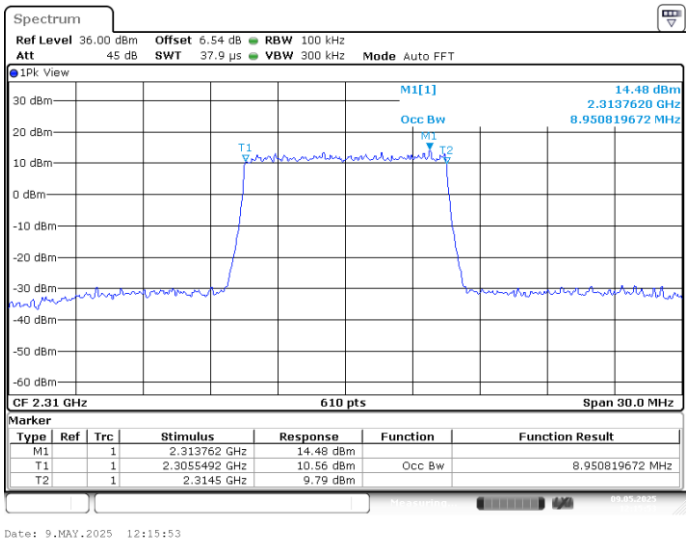
LTE band 30,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2310	9.000	8.951

LTE band 30 , 10MHz Bandwidth,MID,QPSK (99% BW)



LTE band 30 , 10MHz Bandwidth,MID,16QAM (99% BW)



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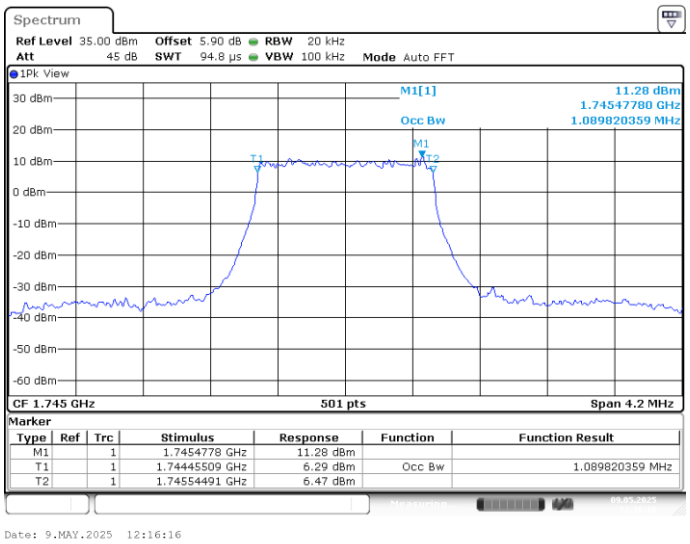
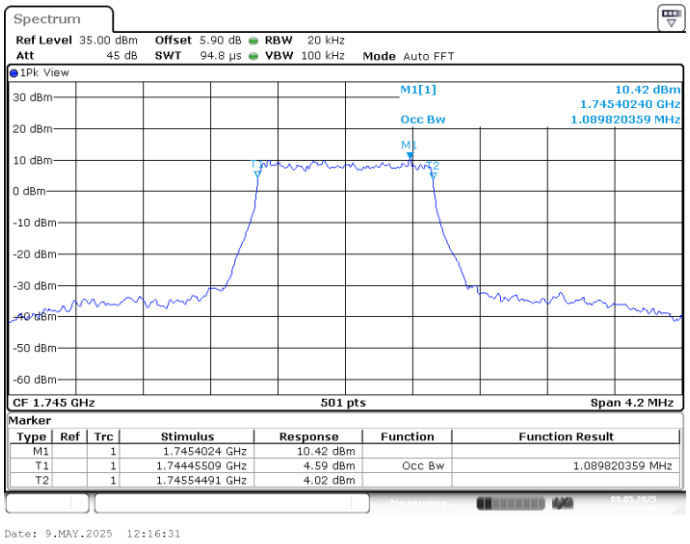
LTE band 66,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	1.090	1.090

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



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



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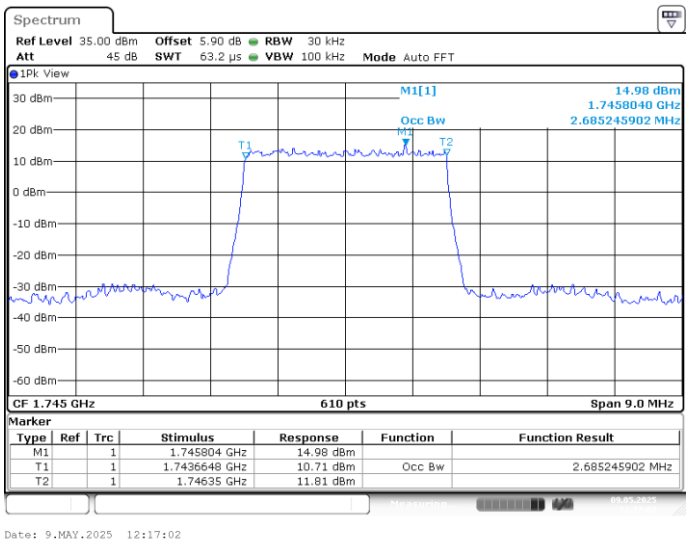
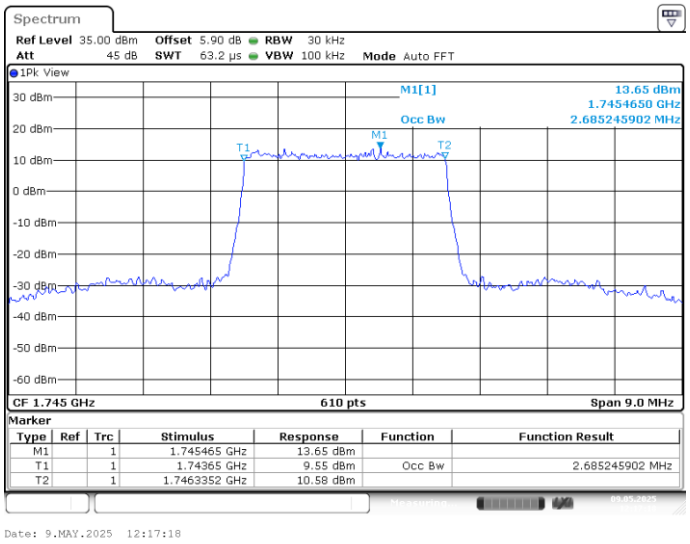
LTE band 66,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	2.685	2.685

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



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



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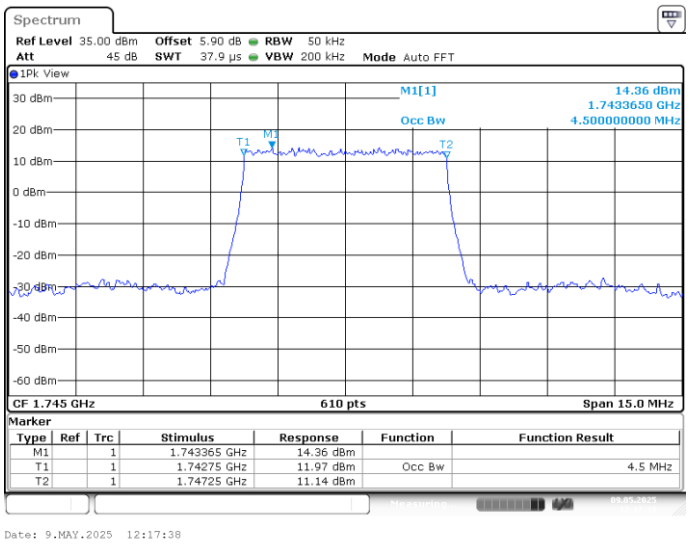
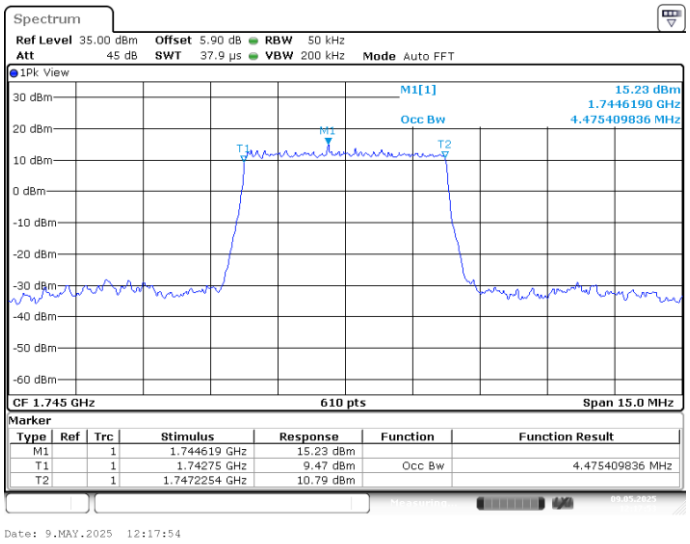
LTE band 66,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	4.500	4.475

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



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



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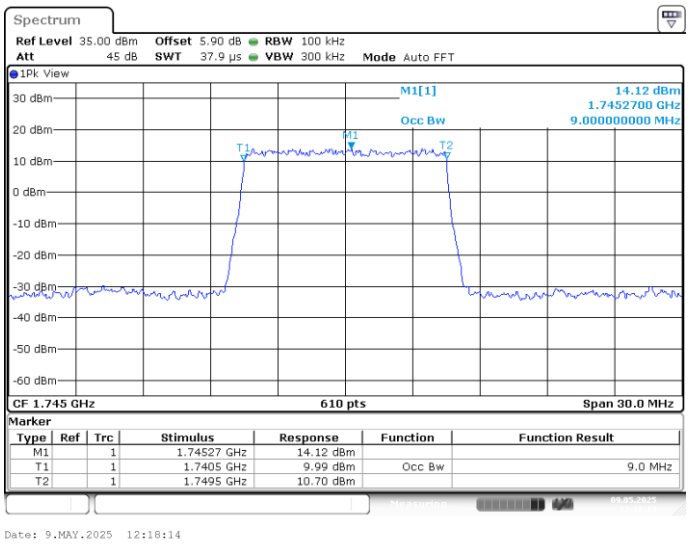
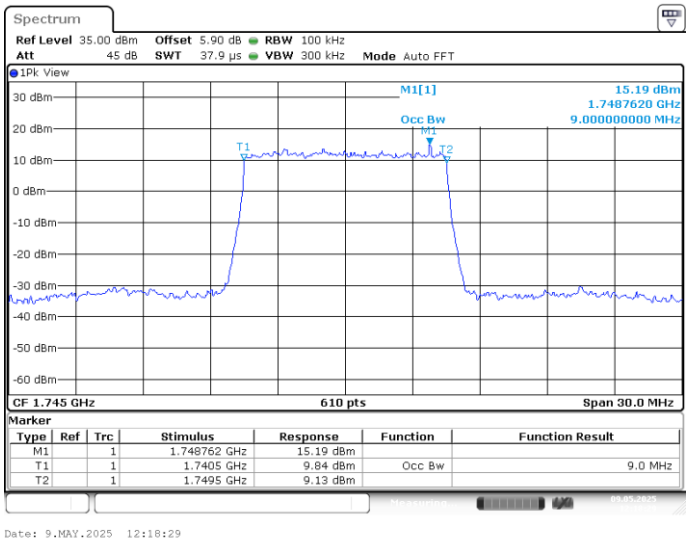
LTE band 66,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	9.000	9.000

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



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



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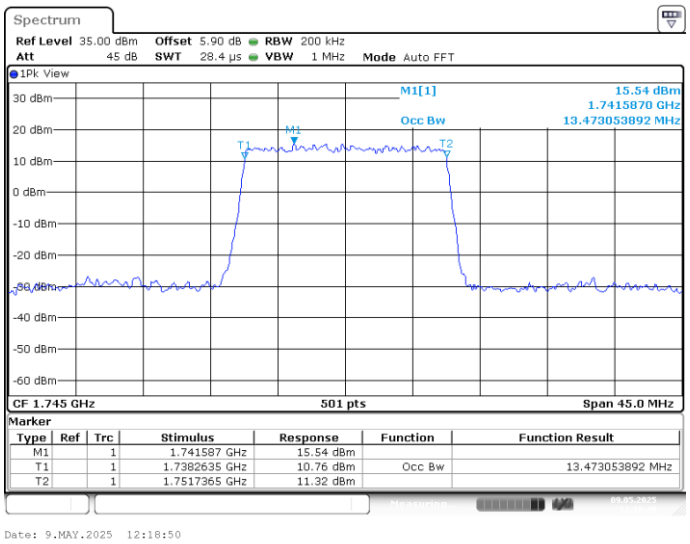
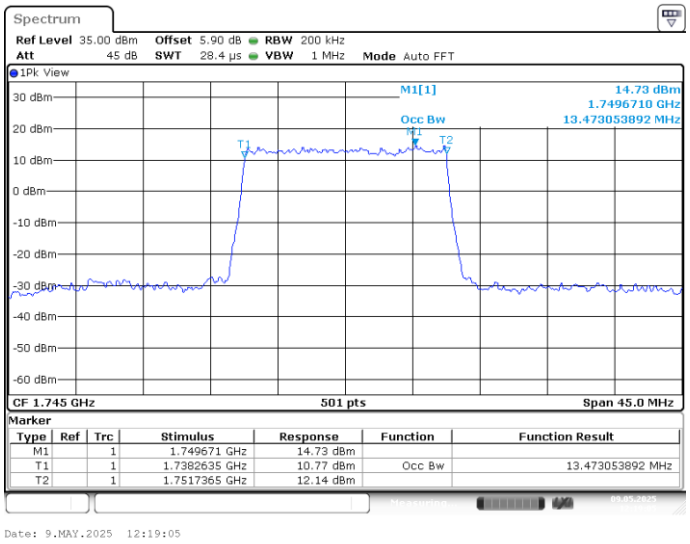
LTE band 66,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	13.473	13.473

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



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



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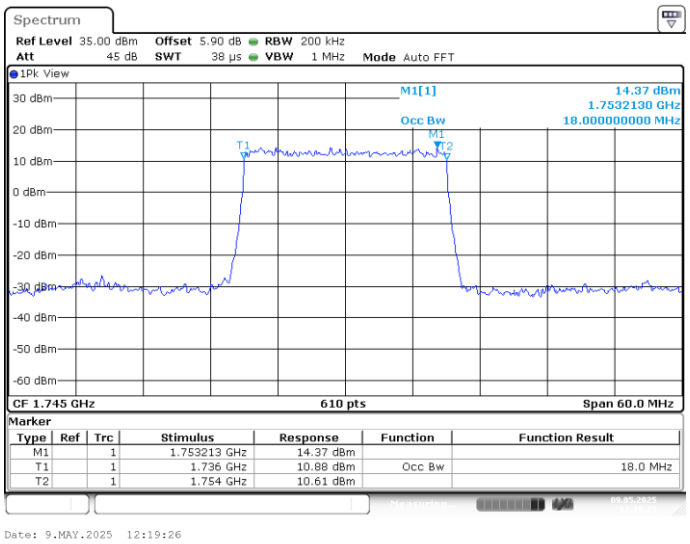
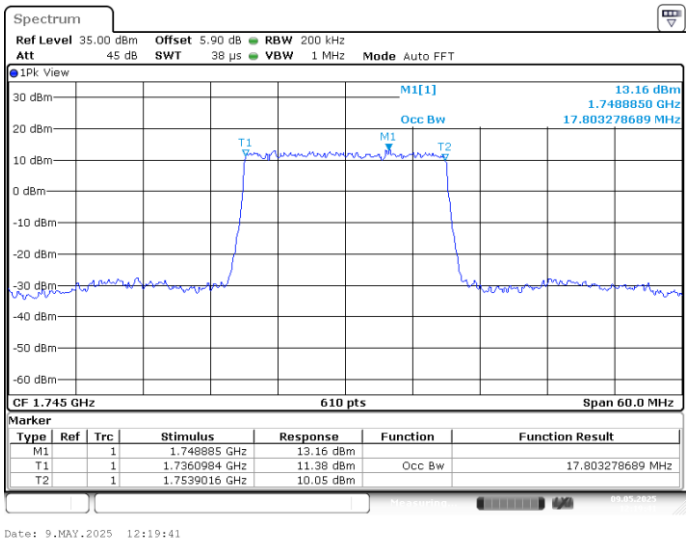
LTE band 66,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	18.000	17.803

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



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



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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.
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 ≥ 3 × 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.

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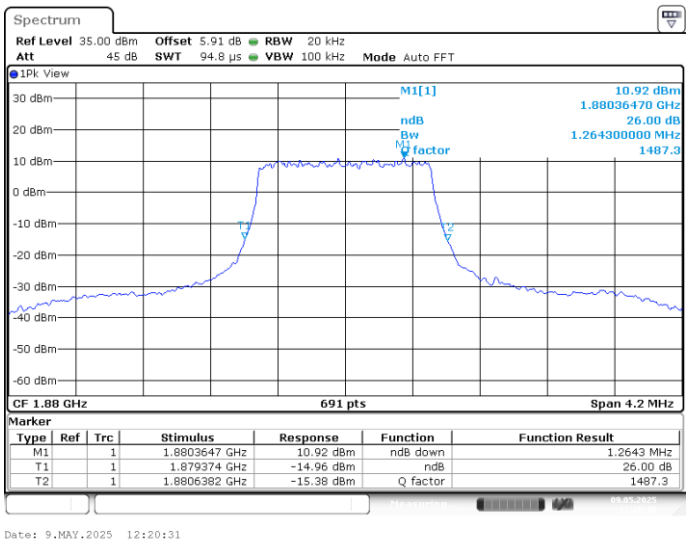
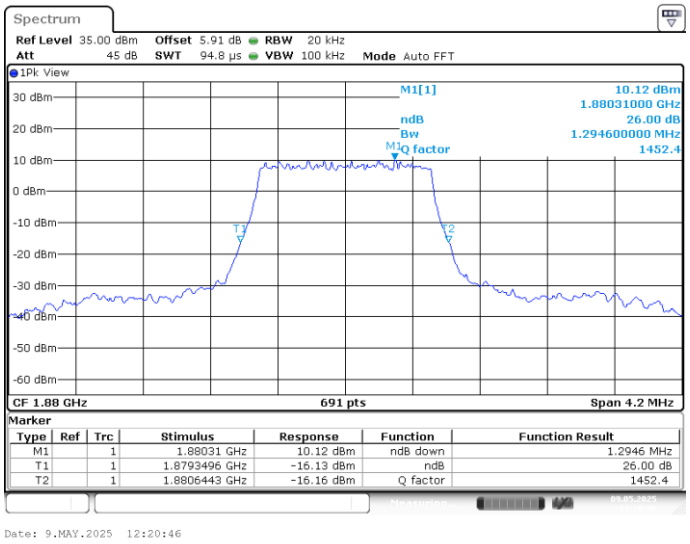
LTE band 2,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	1.264	1.295

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



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



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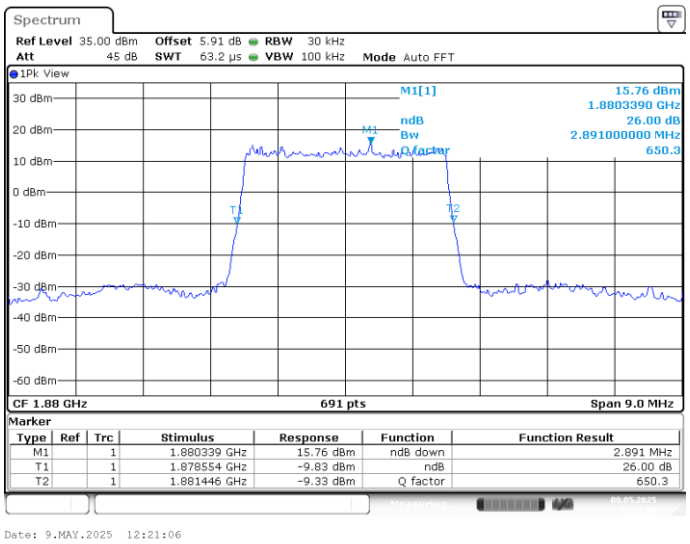
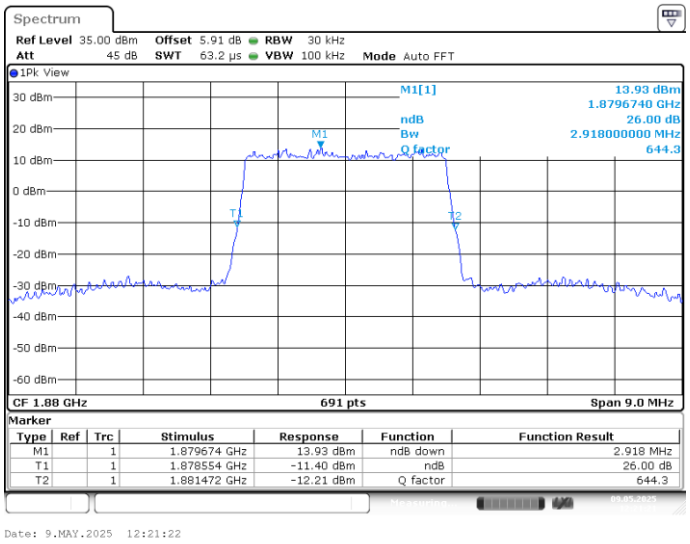
LTE band 2,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	2.891	2.918

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



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



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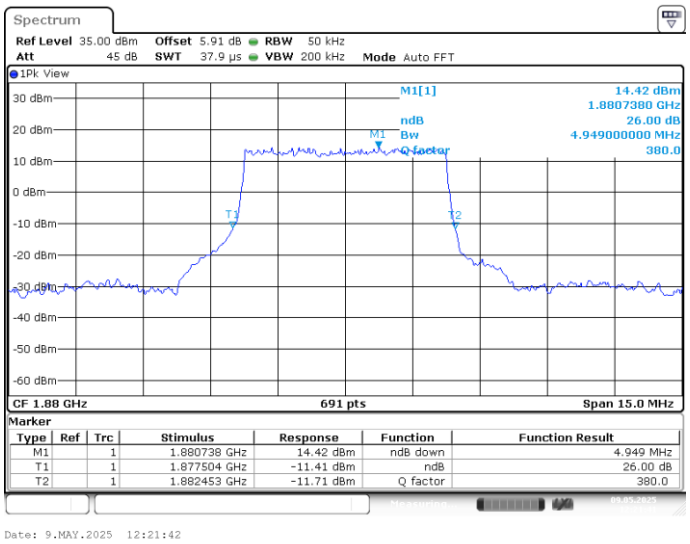
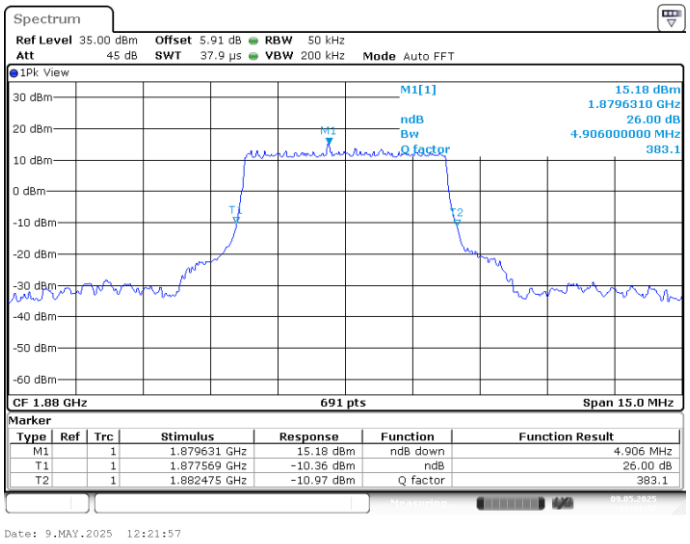
LTE band 2,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	4.949	4.906

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



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



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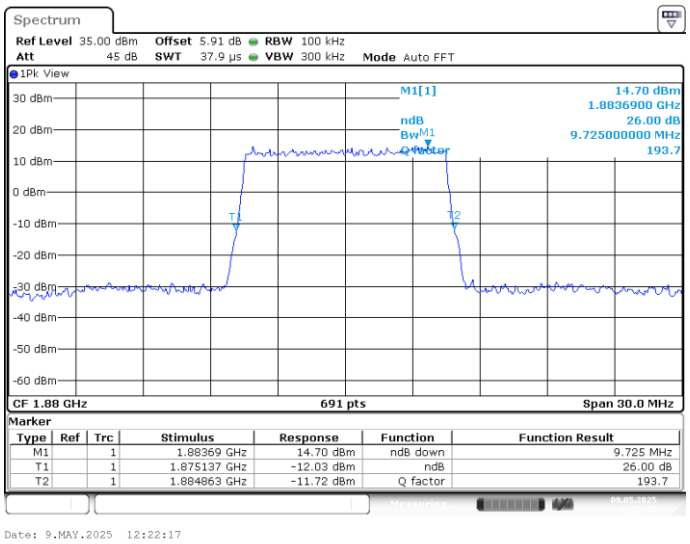
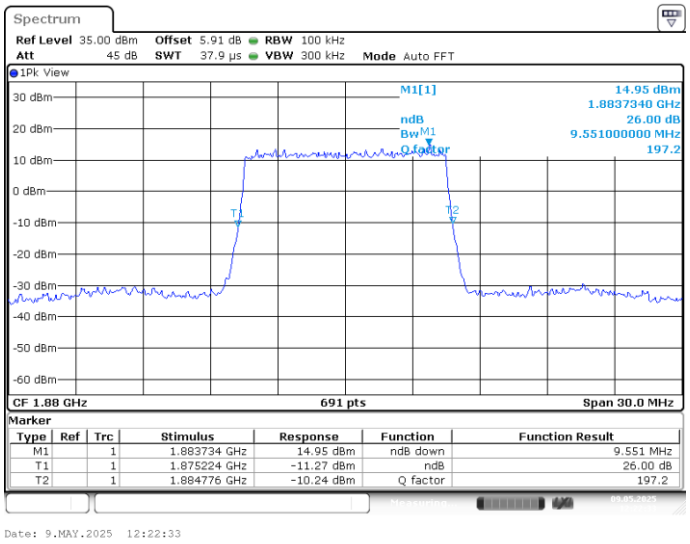
LTE band 2,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	9.725	9.551

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



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



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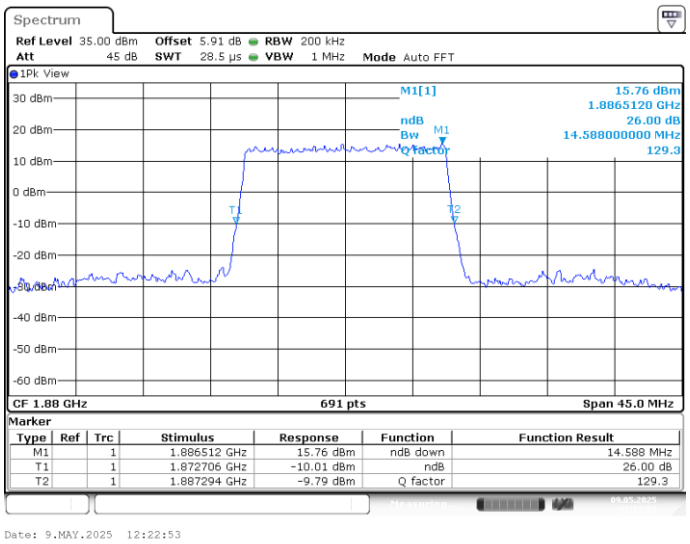
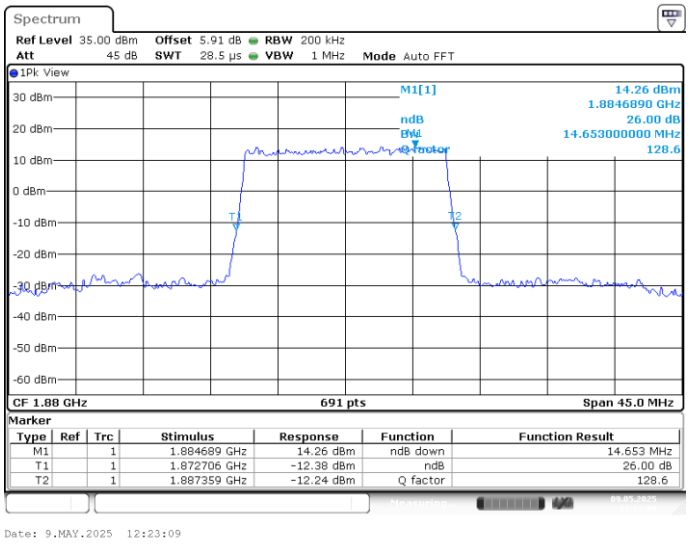
LTE band 2,15MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	14.588	14.653

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



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



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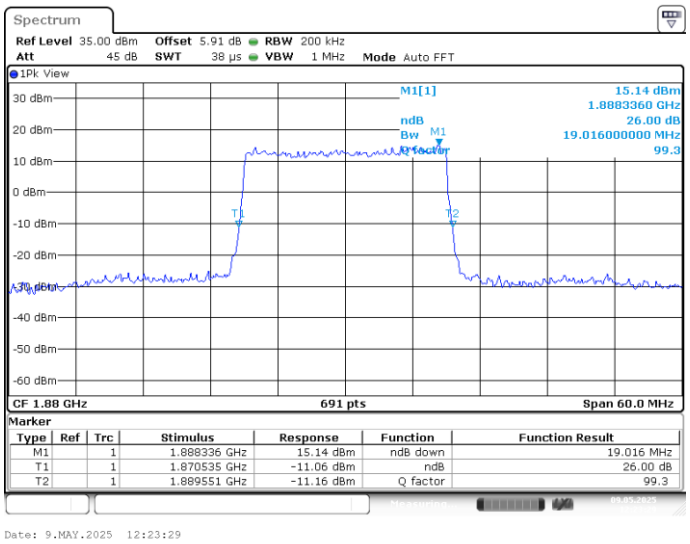
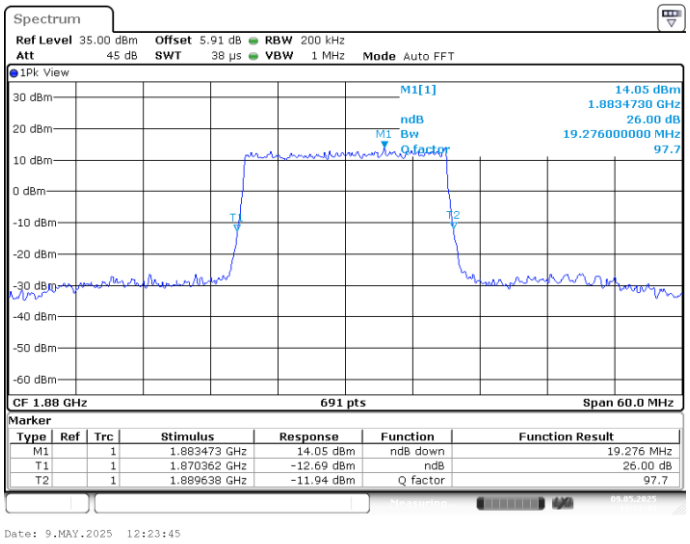
LTE band 2,20MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	19.016	19.276

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



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



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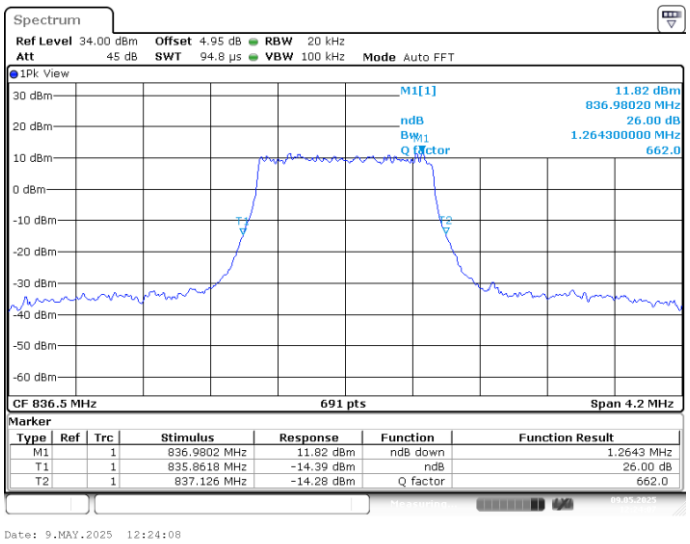
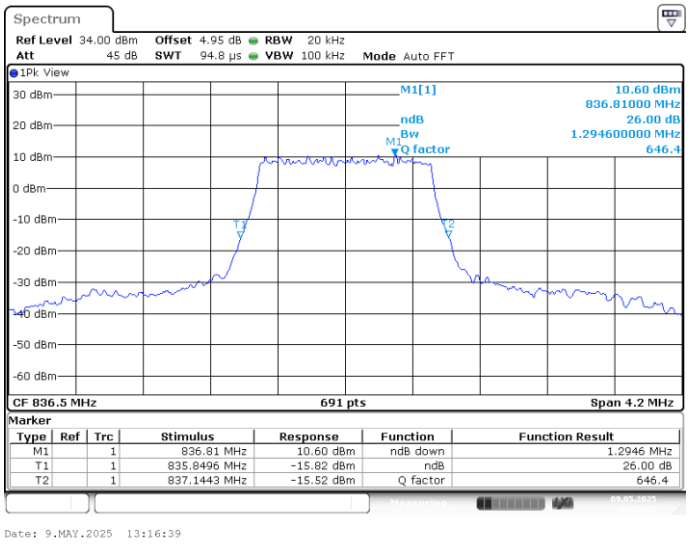
LTE band 5,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	1.264	1.295

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



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



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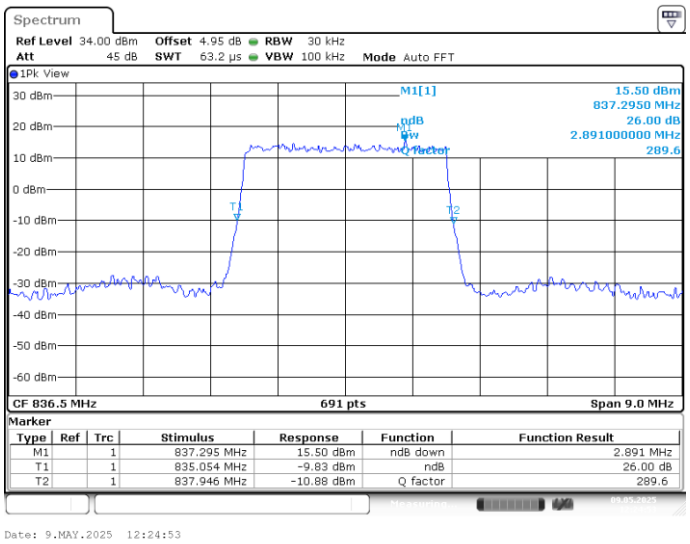
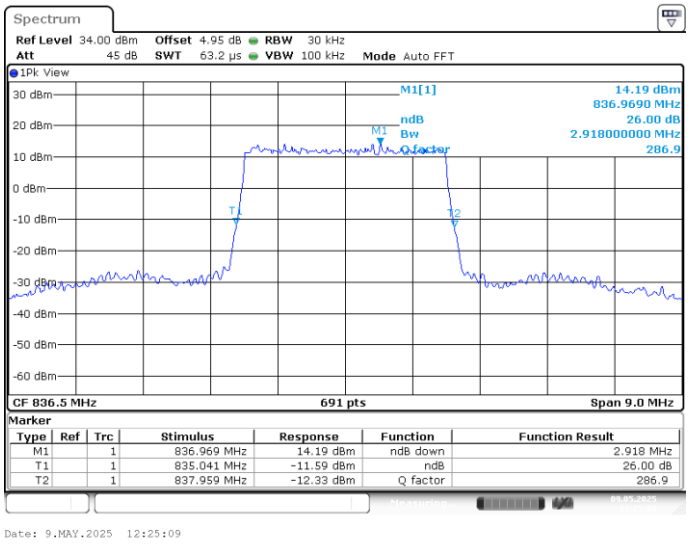
LTE band 5,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	2.891	2.918

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



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



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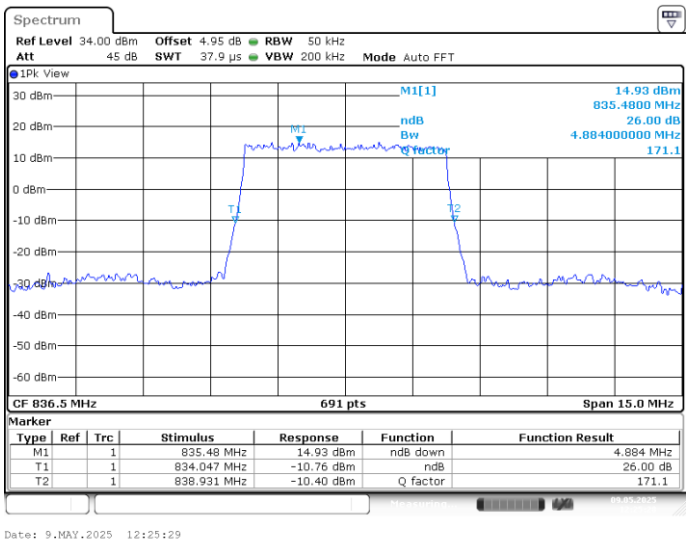
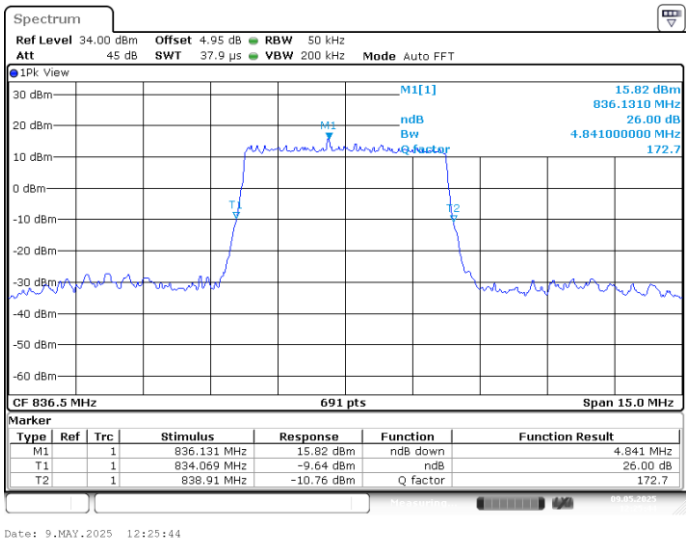
LTE band 5,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	4.884	4.841

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



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



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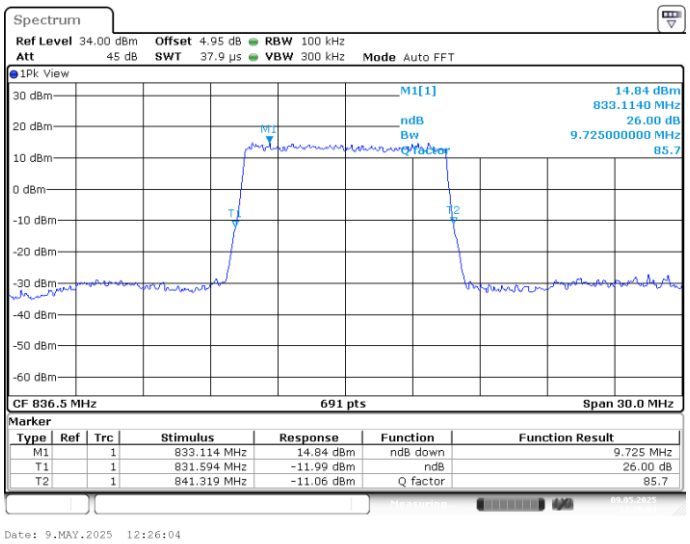
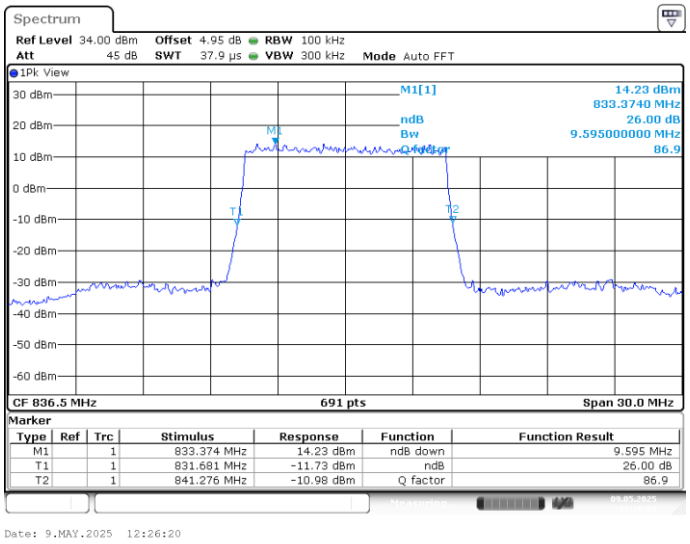
LTE band 5,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	9.725	9.595

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



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



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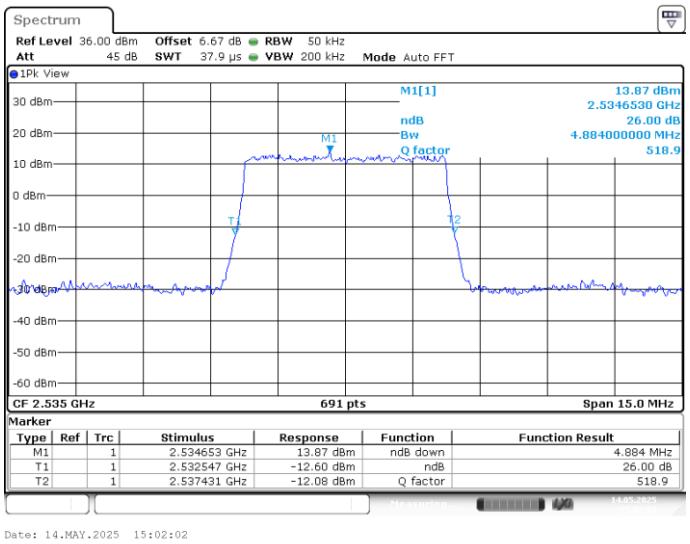
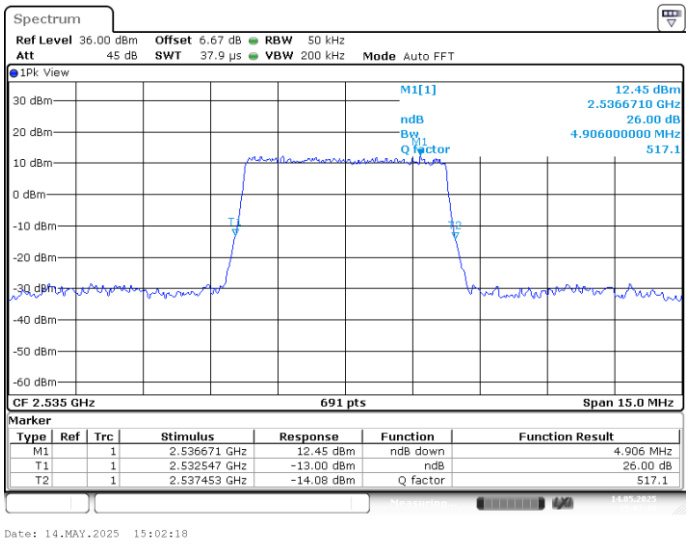
LTE band 7,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	4.884	4.906

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



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



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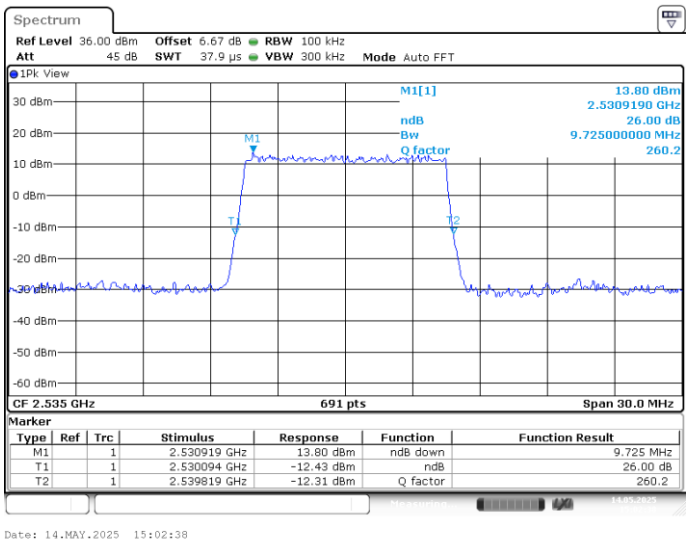
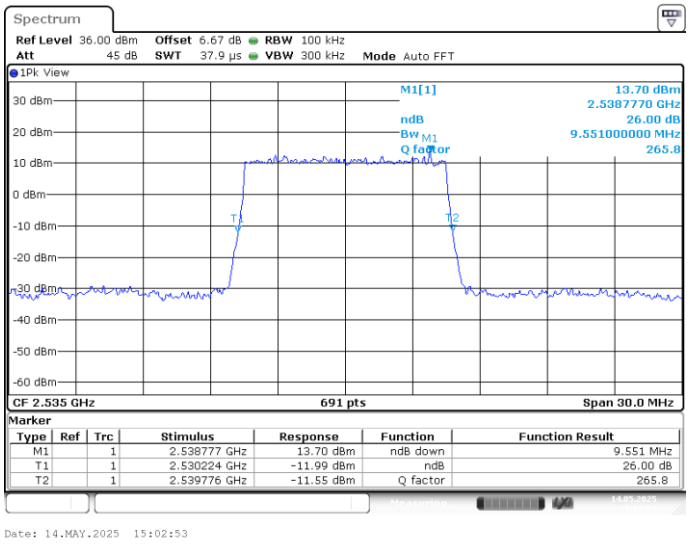
LTE band 7,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	9.725	9.551

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



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



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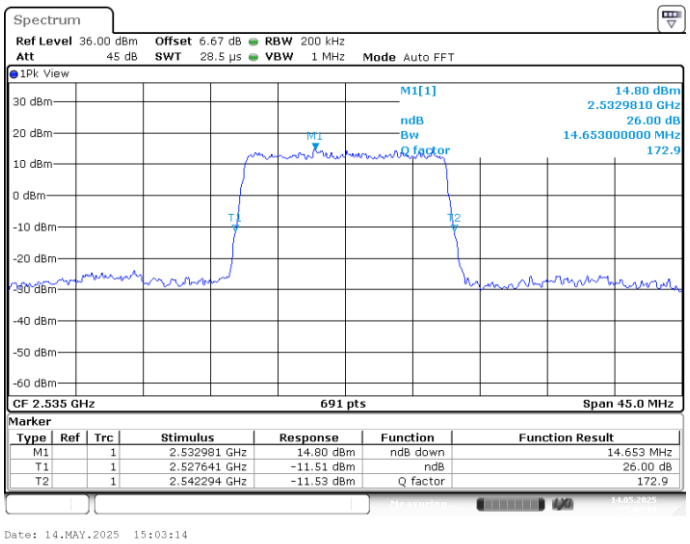
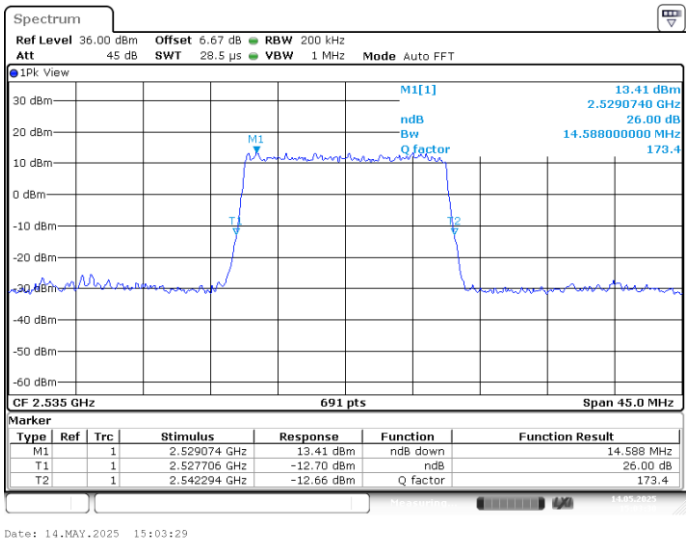
LTE band 7,15MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	14.653	14.588

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



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



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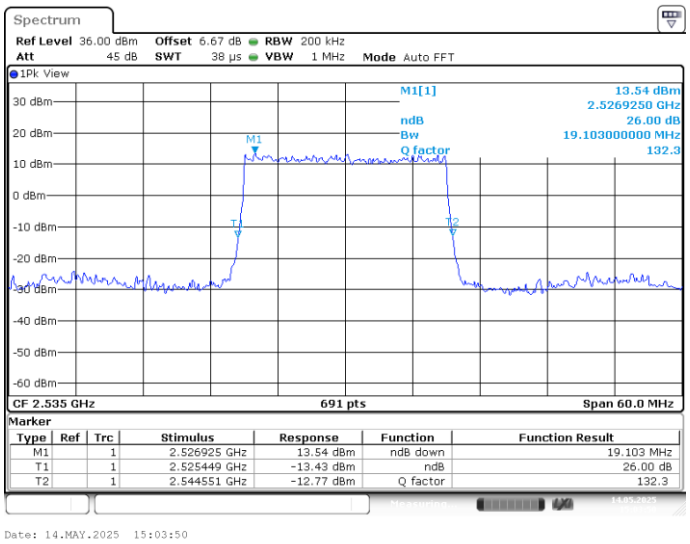
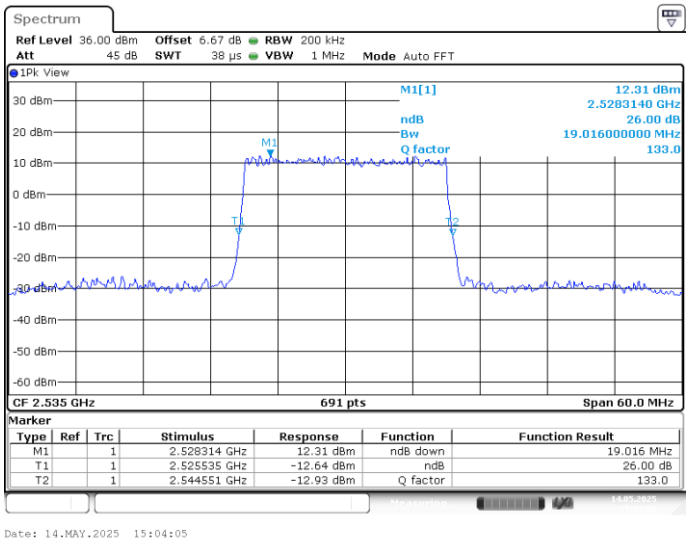
LTE band 7,20MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	19.103	19.016

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



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



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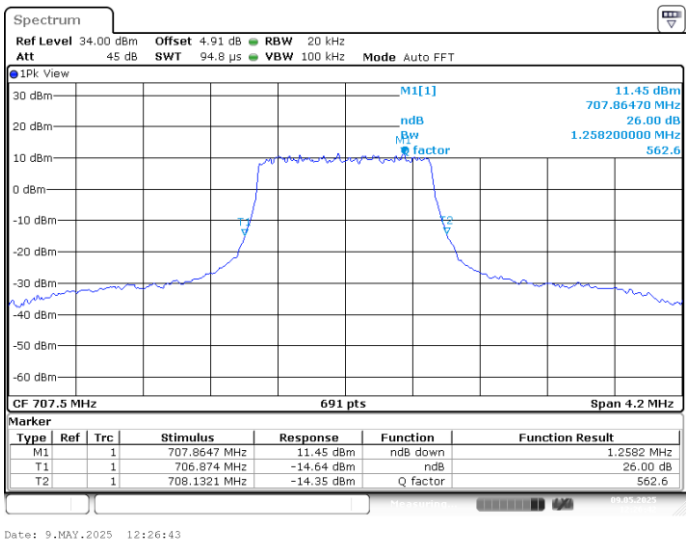
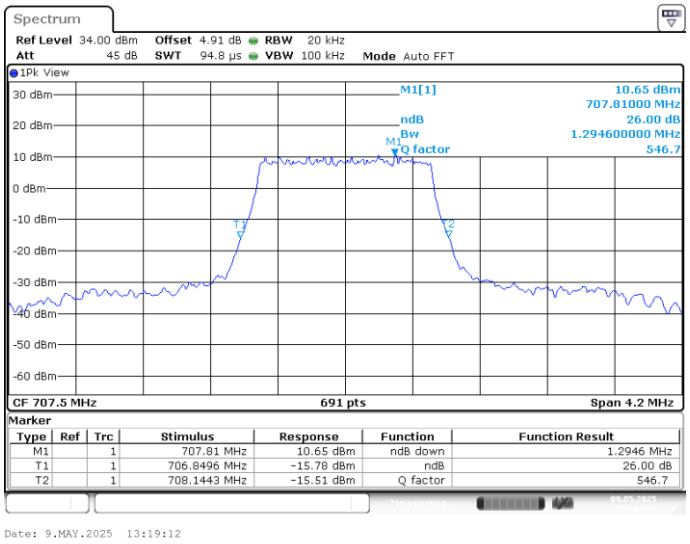
LTE band 12,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	1.258	1.295

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



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



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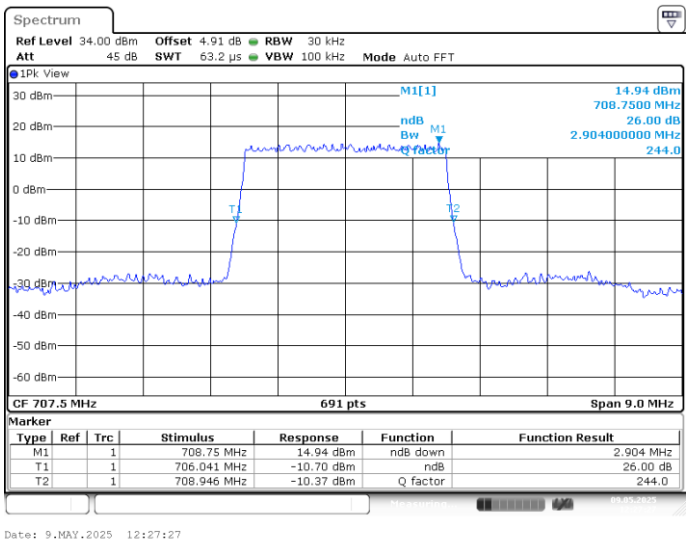
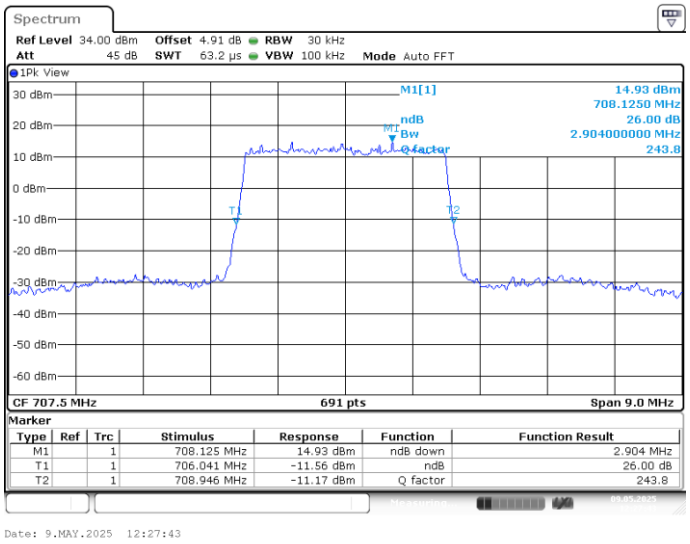
LTE band 12,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	2.904	2.904

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



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



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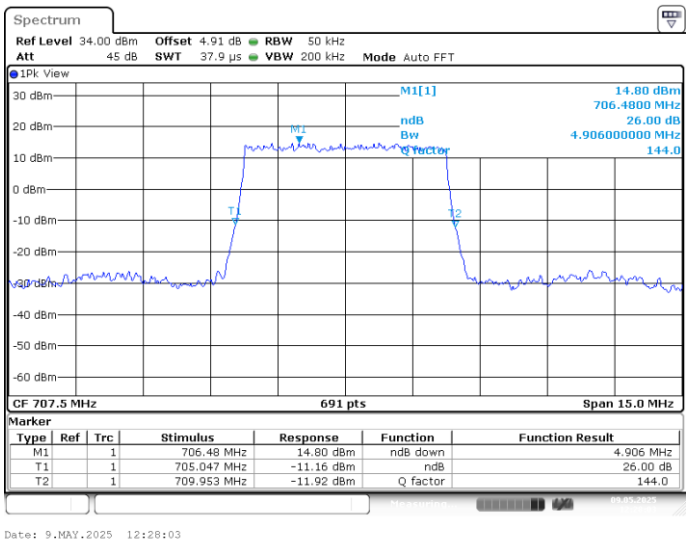
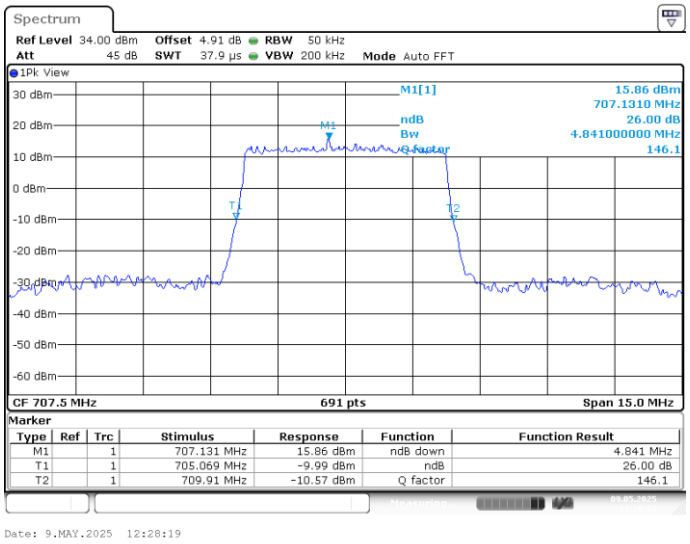
LTE band 12,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	4.906	4.841

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



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



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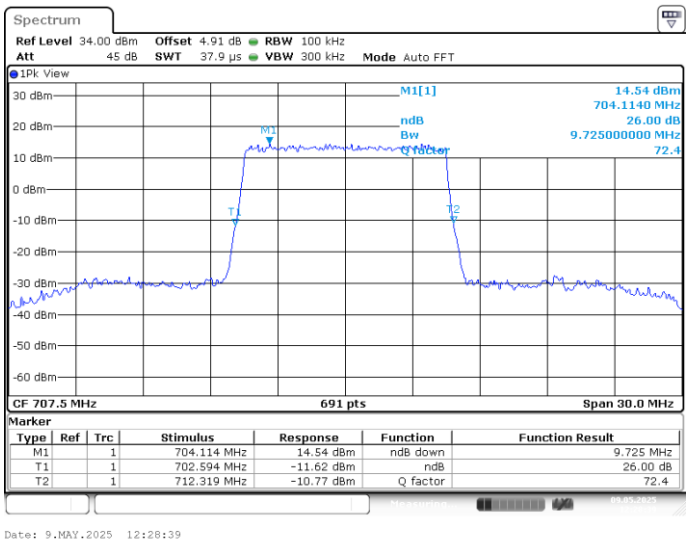
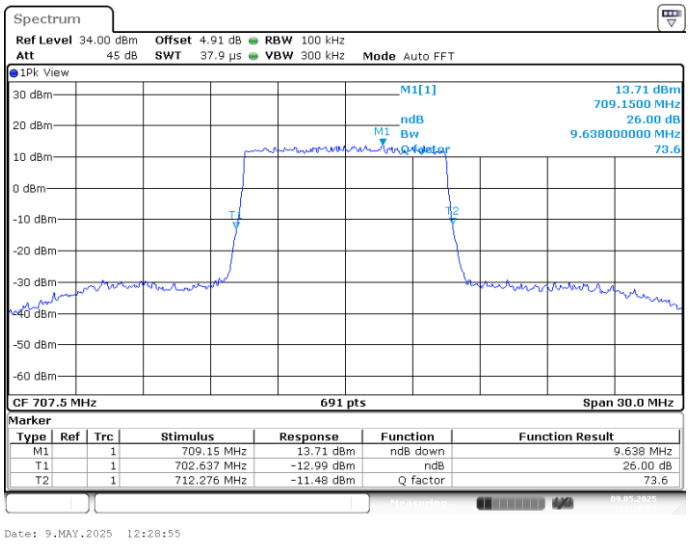
LTE band 12,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	9.725	9.638

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



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



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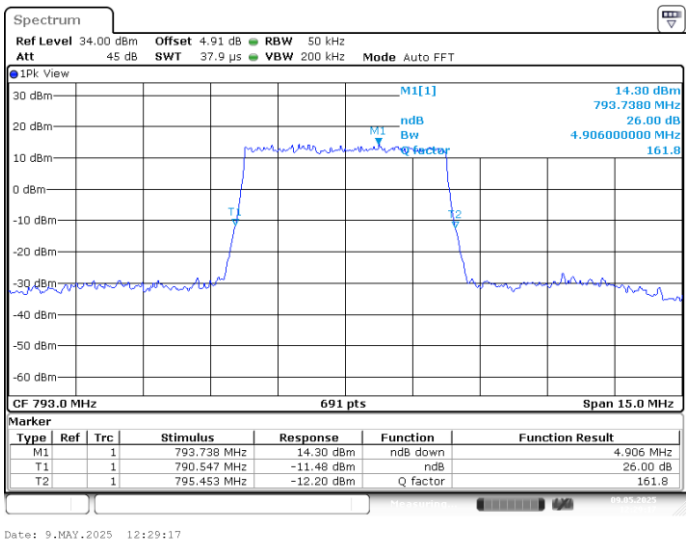
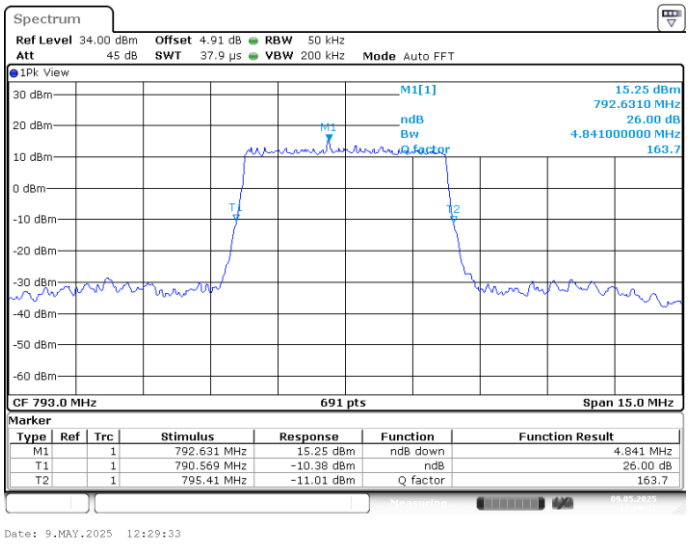
LTE band 14,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
793	4.906	4.841

LTE band 14 , 5MHz Bandwidth,MID,QPSK (-26dBc BW)



LTE band 14 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)



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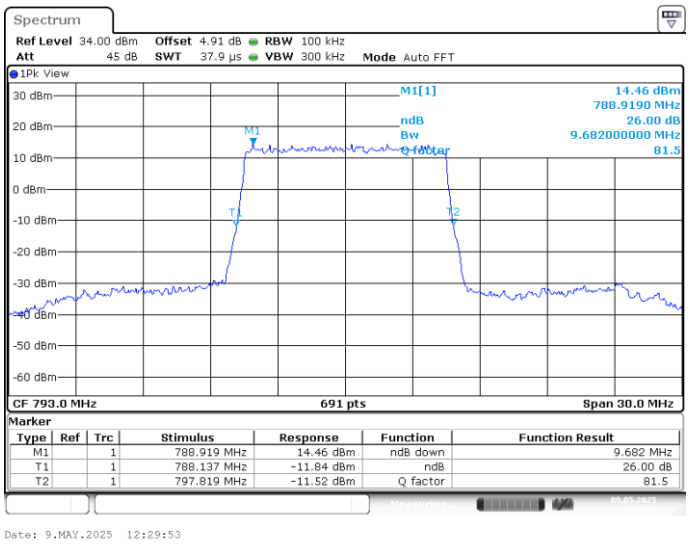
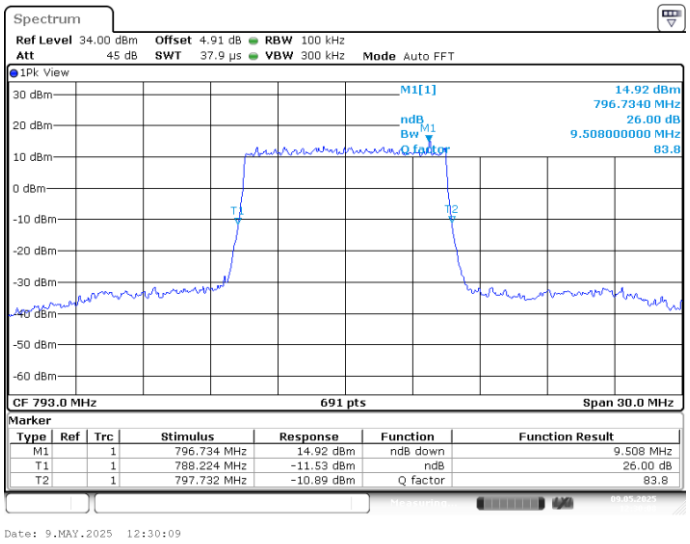
LTE band 14,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
793	9.682	9.508

LTE band 14 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)



LTE band 14 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



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