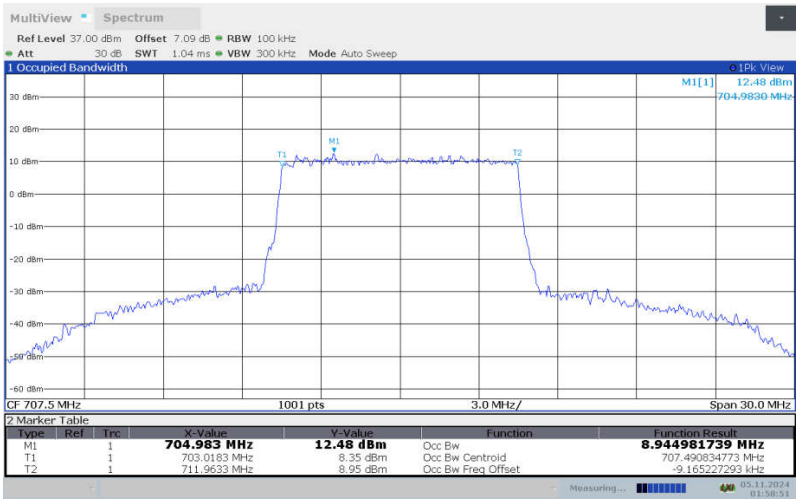
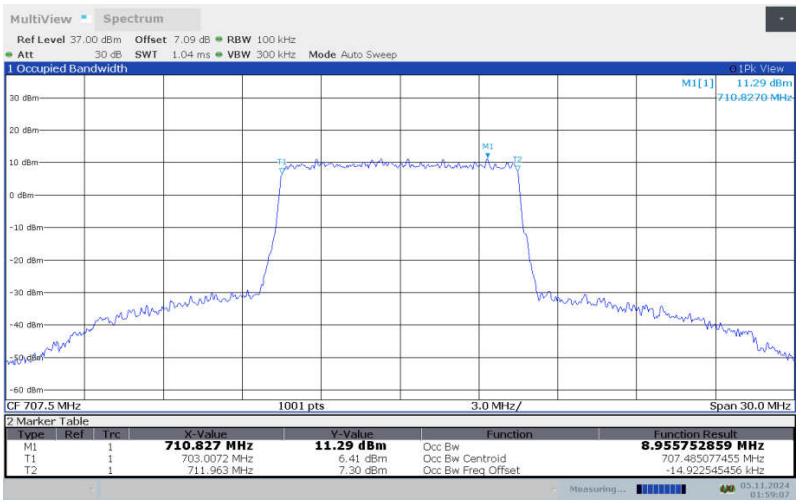


LTE band 12 , 10MHz Bandwidth, MID, 64QAM (99% BW)



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

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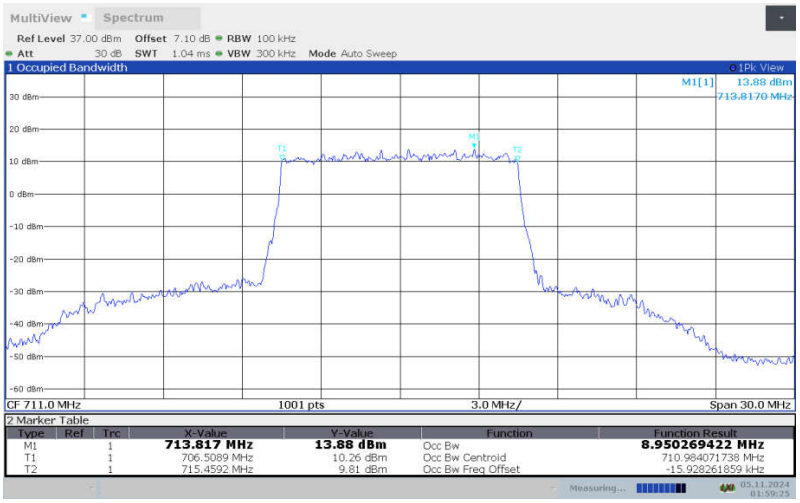
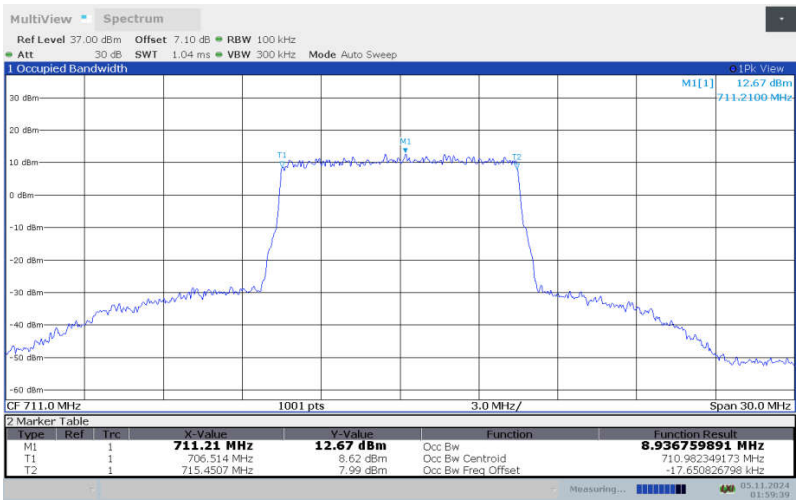


LTE band 12 , 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 12 , 10MHz Bandwidth, HIGH, 64QAM (99% BW)

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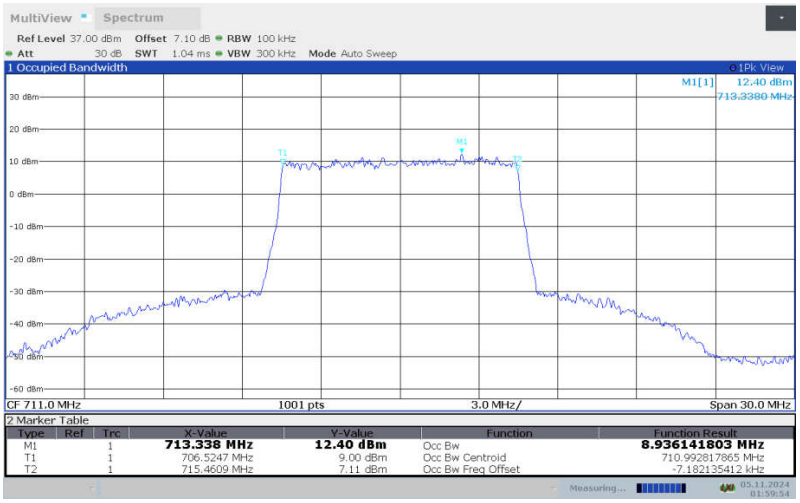

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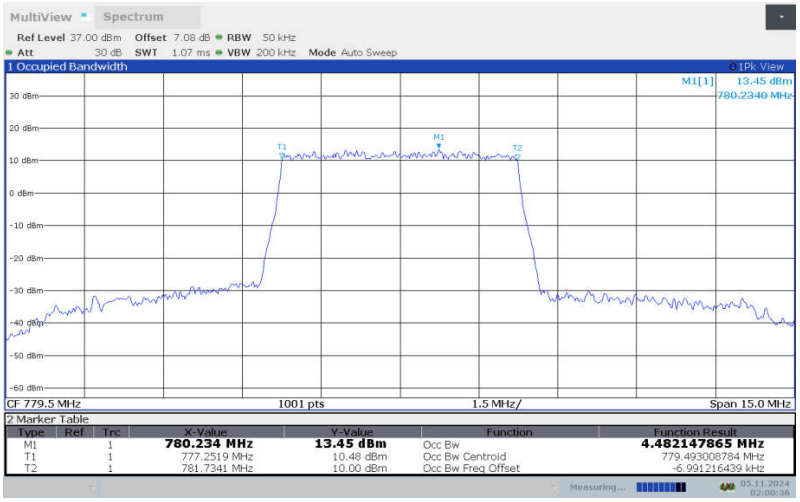
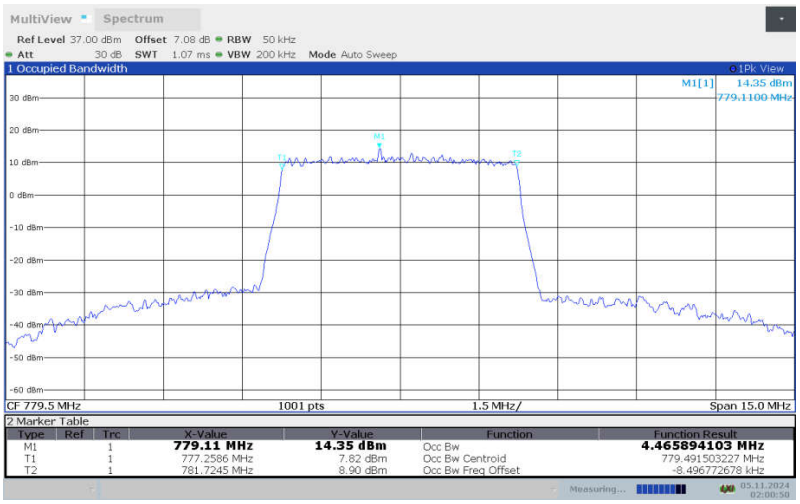
LTE band 13,5MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
779.5	4.482	4.466	4.467
782	4.481	4.479	4.475
784.5	4.463	4.473	4.464

LTE band 13 , 5MHz Bandwidth, LOW, QPSK (99% BW)



LTE band 13 , 5MHz Bandwidth, LOW, 16QAM (99% BW)



LTE band 13 , 5MHz Bandwidth, LOW, 64QAM (99% BW)

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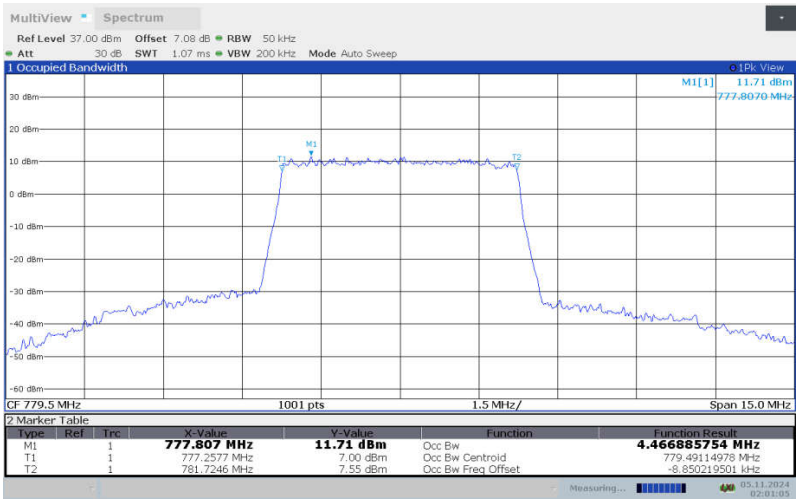
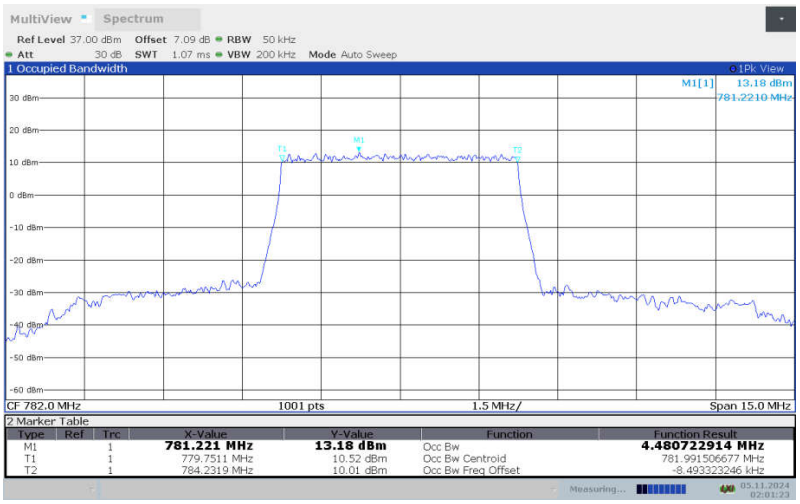


LTE band 13 , 5MHz Bandwidth, MID, QPSK (99% BW)



LTE band 13 , 5MHz Bandwidth, MID, 16QAM (99% BW)

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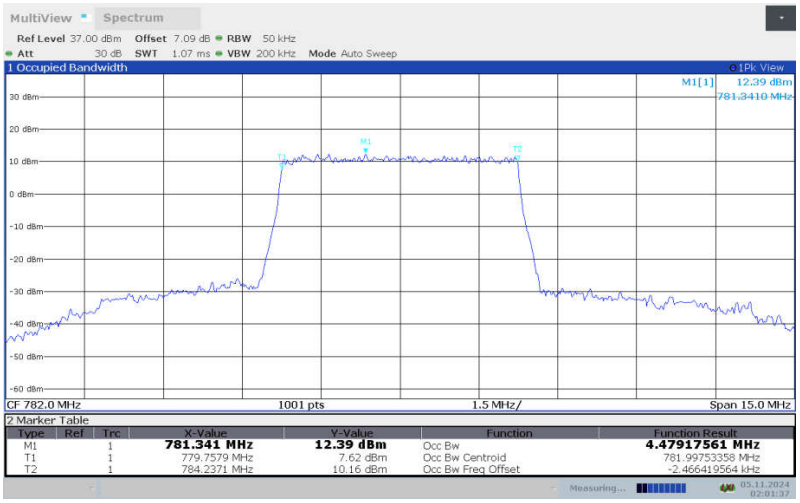
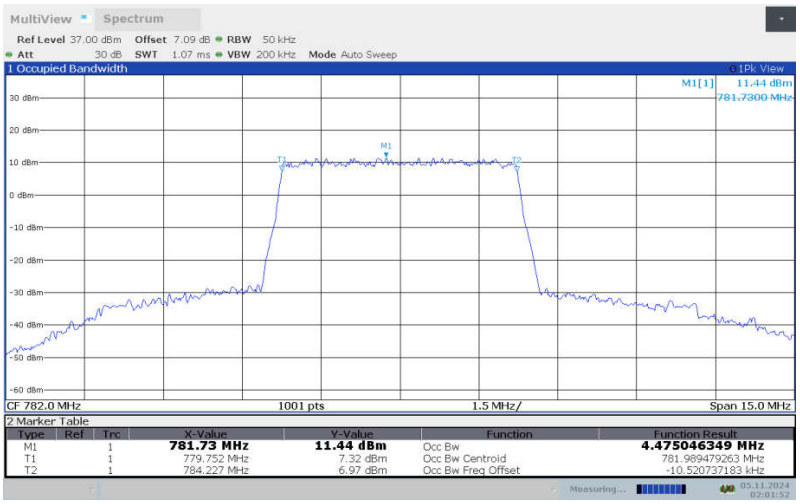


LTE band 13 , 5MHz Bandwidth, MID, 64QAM (99% BW)



LTE band 13 , 5MHz Bandwidth, HIGH, QPSK (99% BW)

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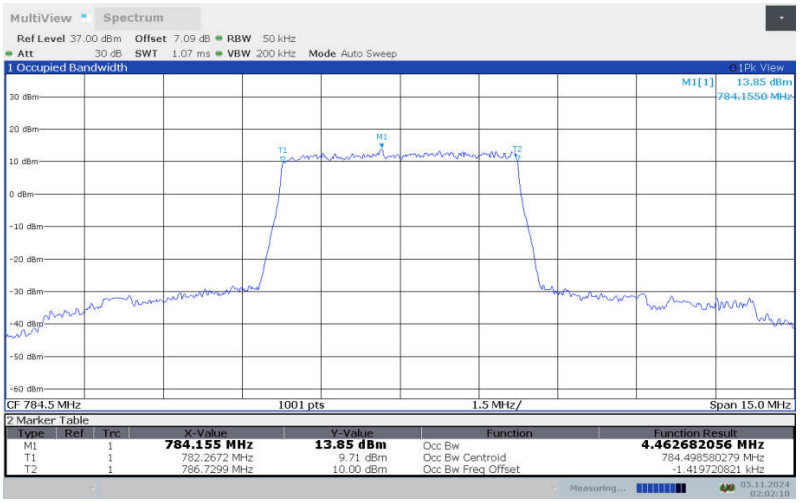
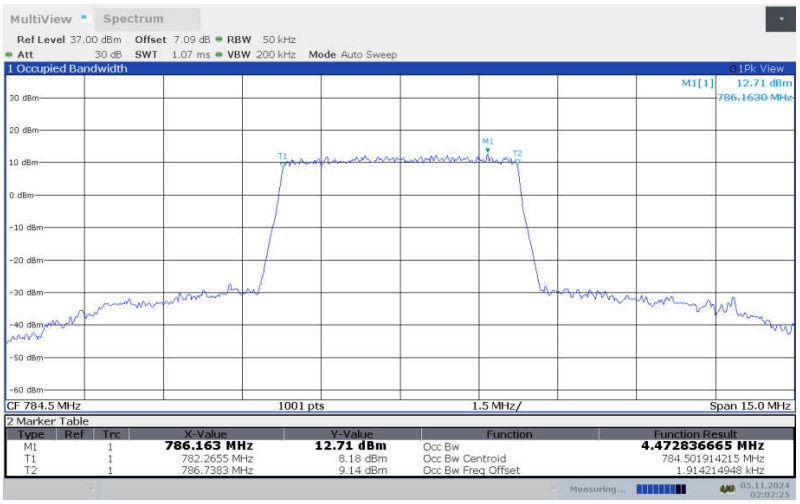


LTE band 13 , 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 13 , 5MHz Bandwidth, HIGH, 64QAM (99% BW)

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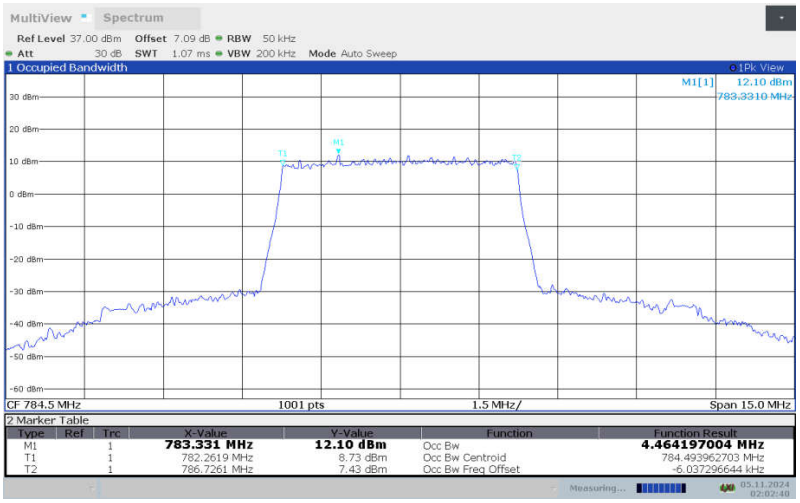

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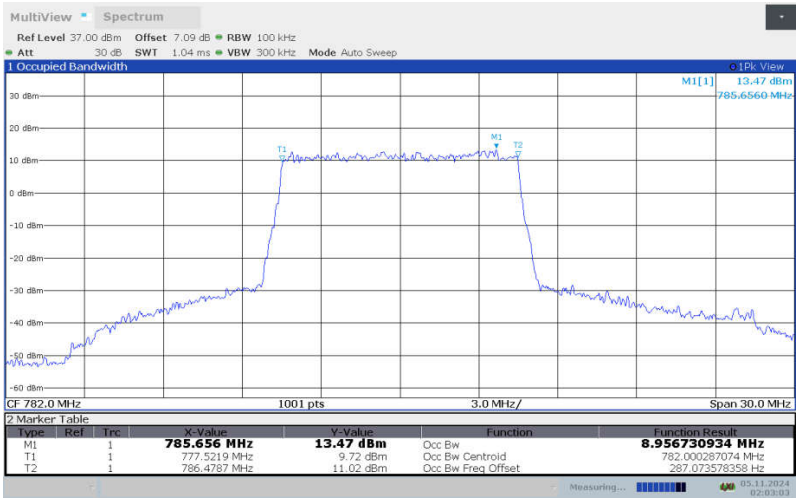
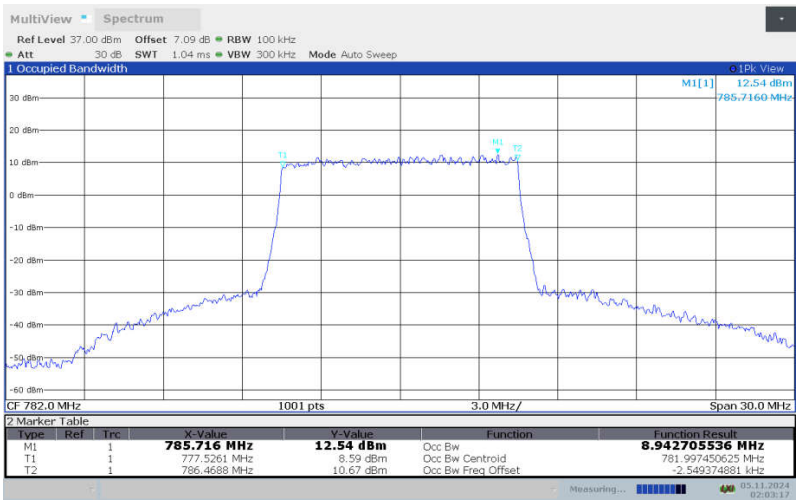
LTE band 13,10MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
782	8.957	8.943	8.954
782	8.969	8.937	8.928
782	8.948	8.947	8.934

LTE band 13 , 10MHz Bandwidth, LOW, QPSK (99% BW)



LTE band 13 , 10MHz Bandwidth, LOW, 16QAM (99% BW)



LTE band 13 , 10MHz Bandwidth, LOW, 64QAM (99% BW)

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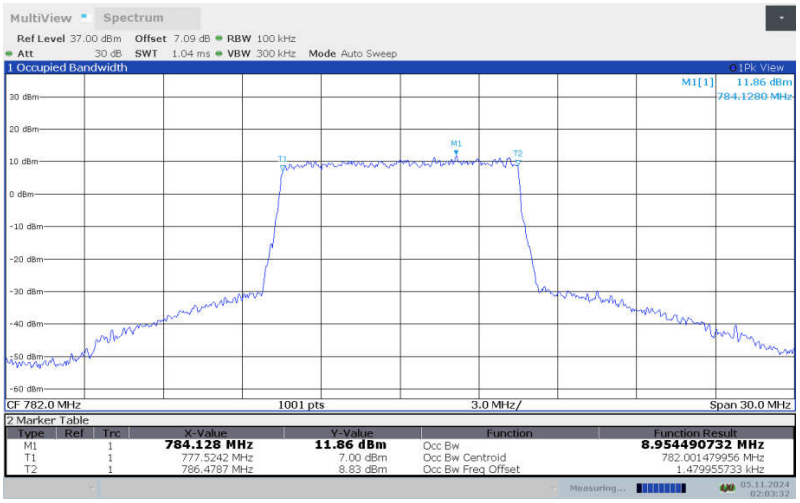
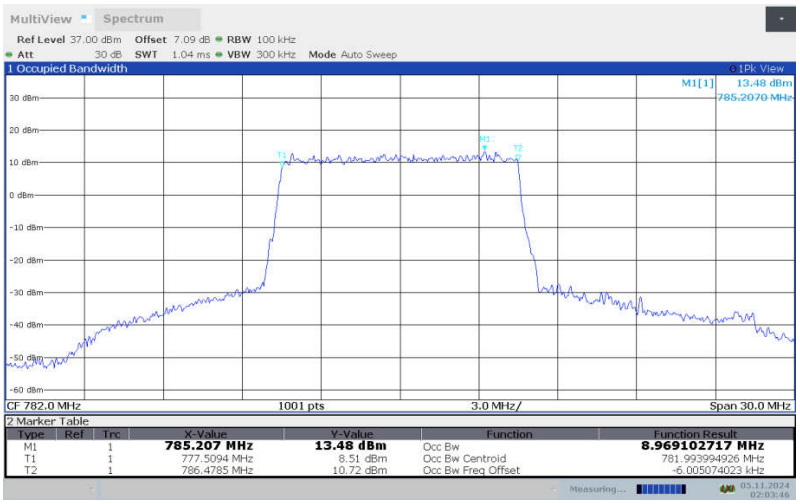


LTE band 13 , 10MHz Bandwidth, MID, QPSK (99% BW)



LTE band 13 , 10MHz Bandwidth, MID, 16QAM (99% BW)

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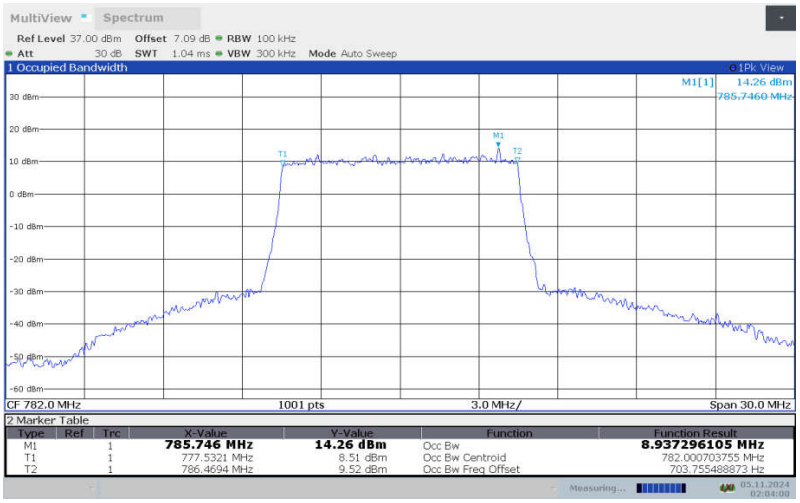
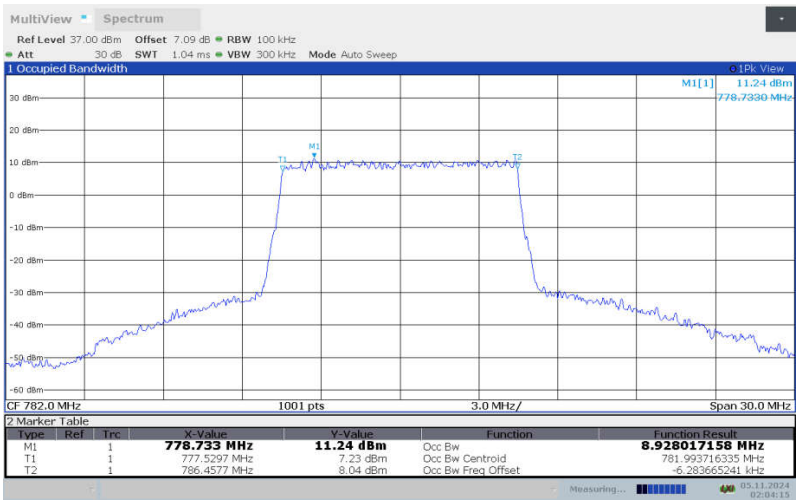


LTE band 13 , 10MHz Bandwidth, MID, 64QAM (99% BW)



LTE band 13 , 10MHz Bandwidth, HIGH, QPSK (99% BW)

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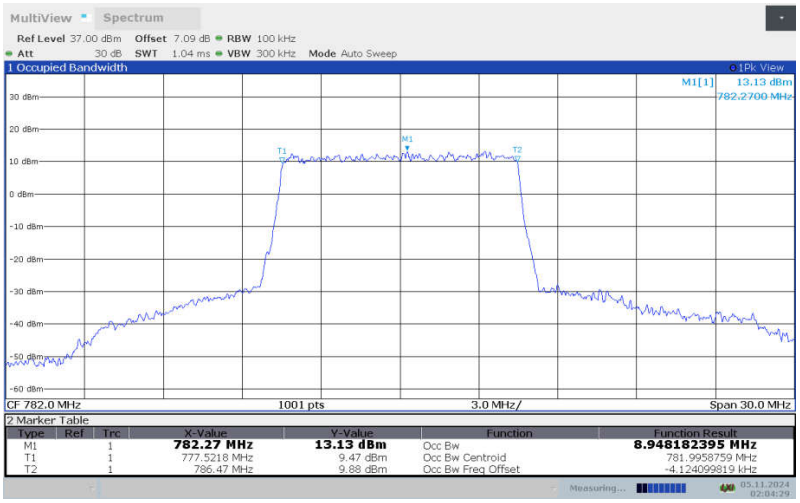
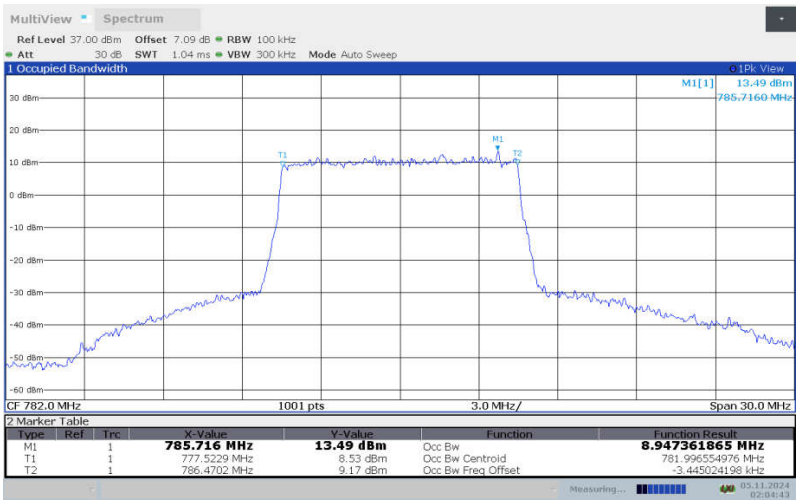


LTE band 13 , 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 13 , 10MHz Bandwidth, HIGH, 64QAM (99% BW)

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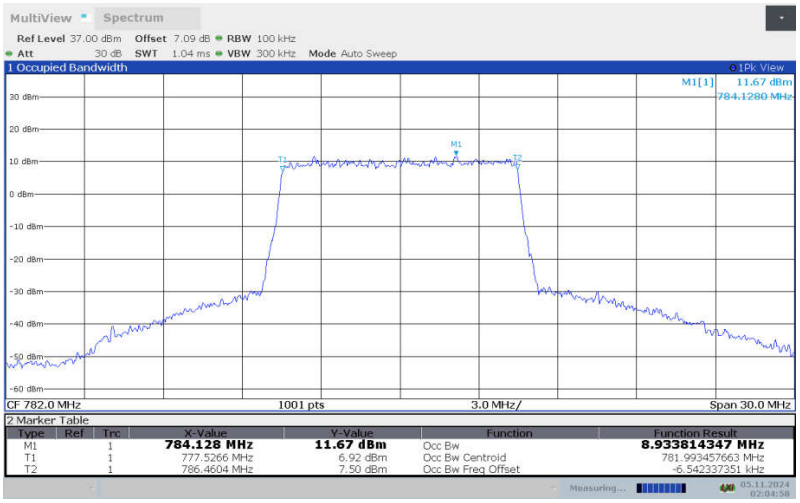

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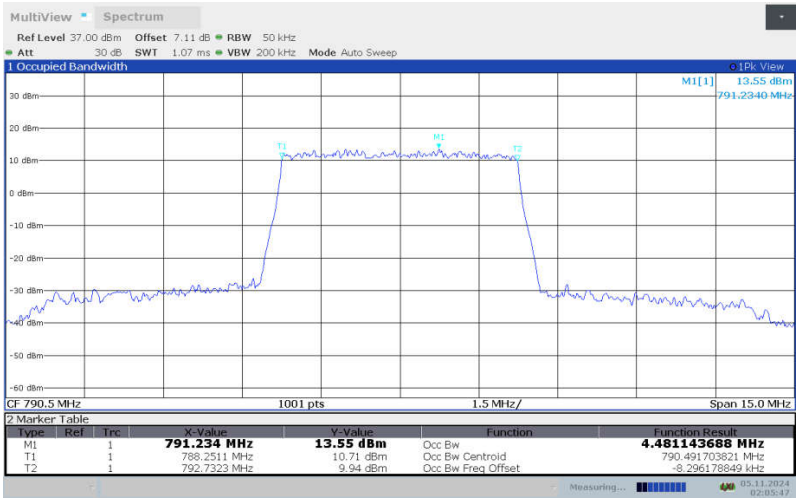
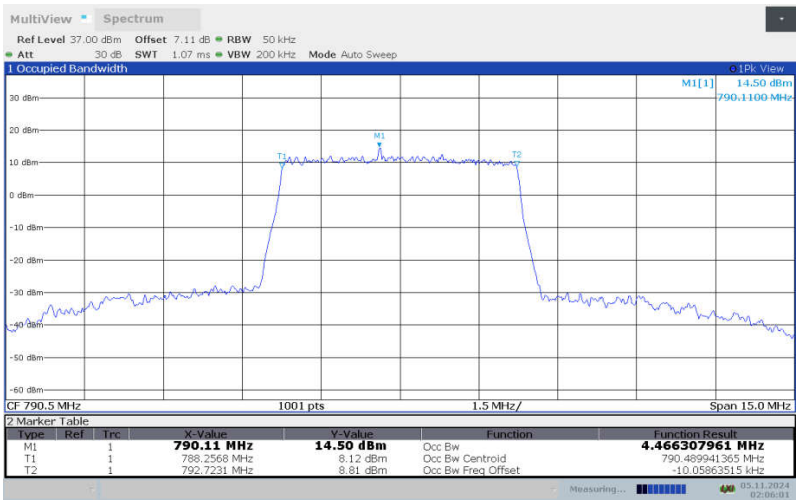
LTE band 14,5MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
790.5	4.481	4.466	4.465
793	4.480	4.481	4.474
795.5	4.463	4.474	4.467

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



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



LTE band 14 , 5MHz Bandwidth, LOW, 64QAM (99% BW)

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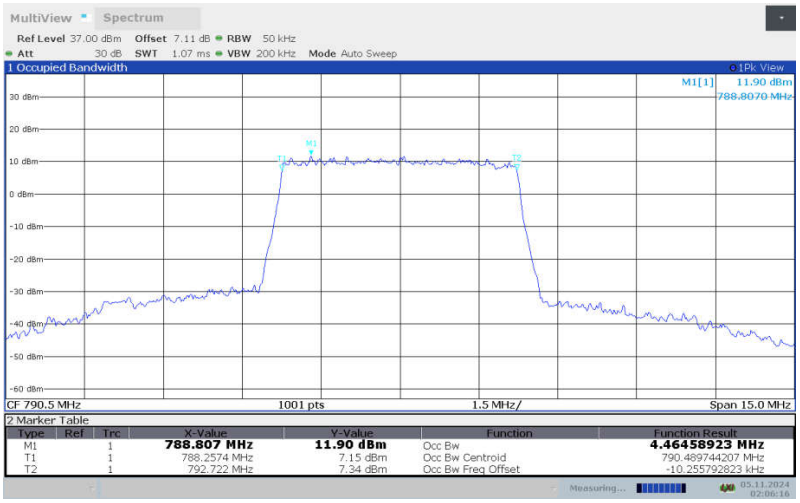
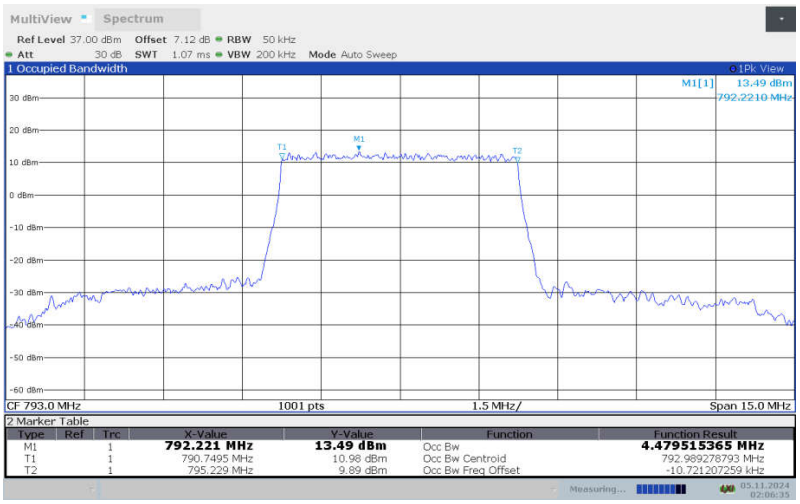


LTE band 14 , 5MHz Bandwidth, MID, QPSK (99% BW)



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

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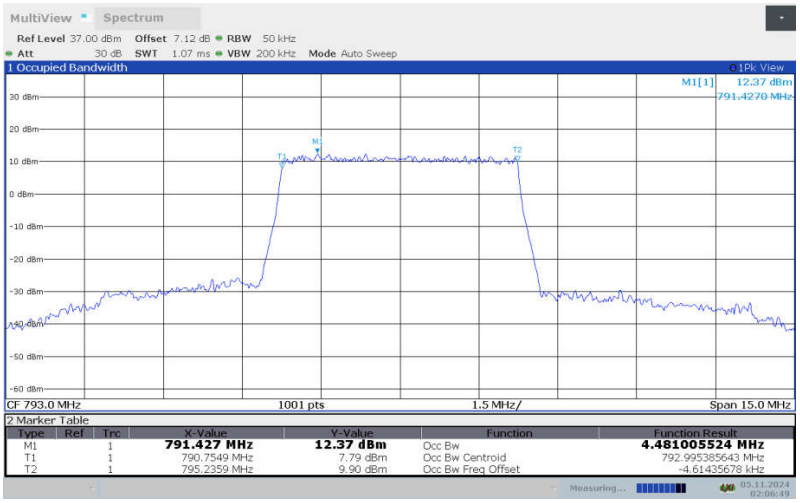
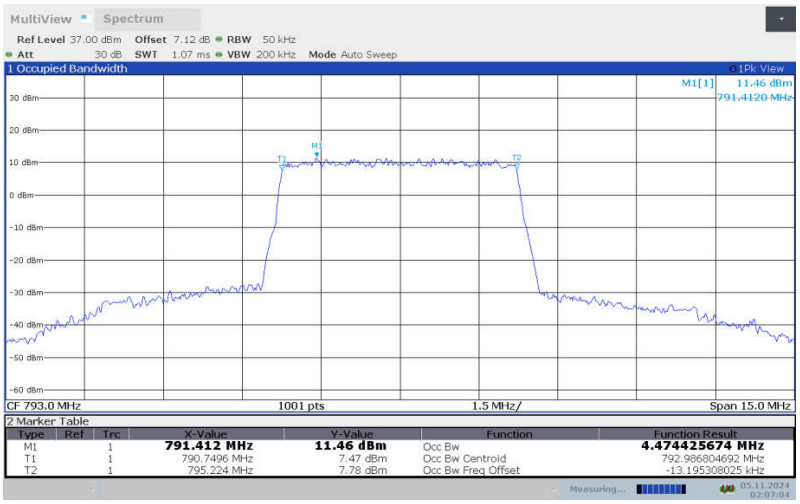


LTE band 14 , 5MHz Bandwidth, MID, 64QAM (99% BW)



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

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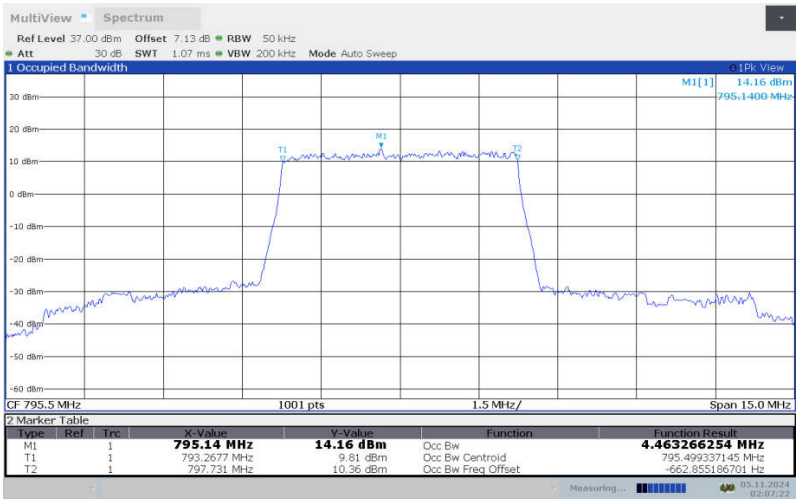
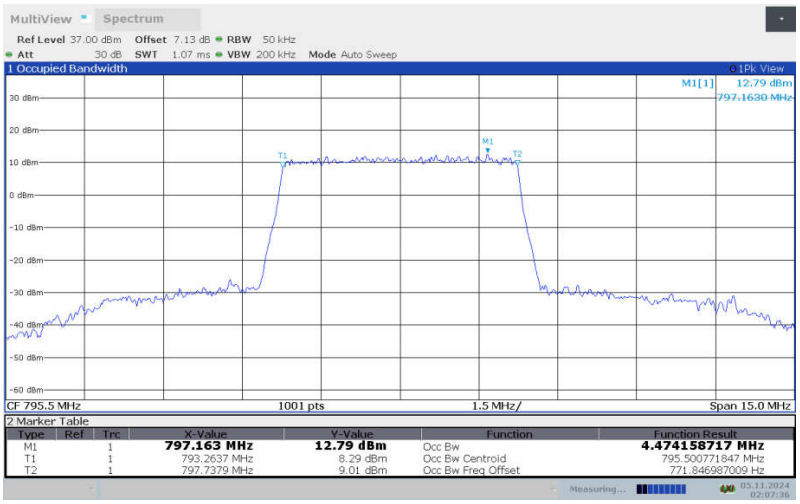


LTE band 14 , 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 14 , 5MHz Bandwidth, HIGH, 64QAM (99% BW)

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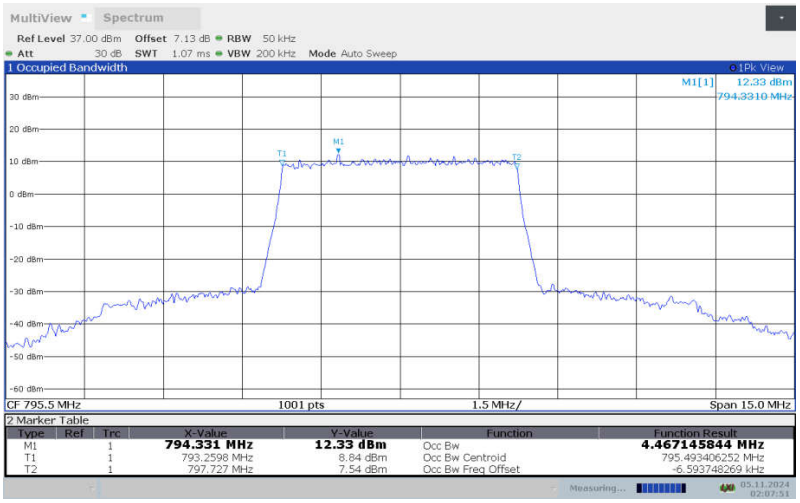

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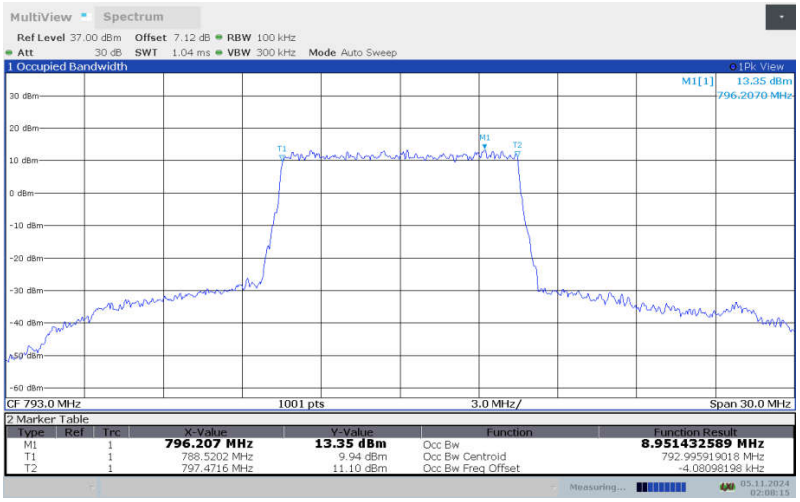
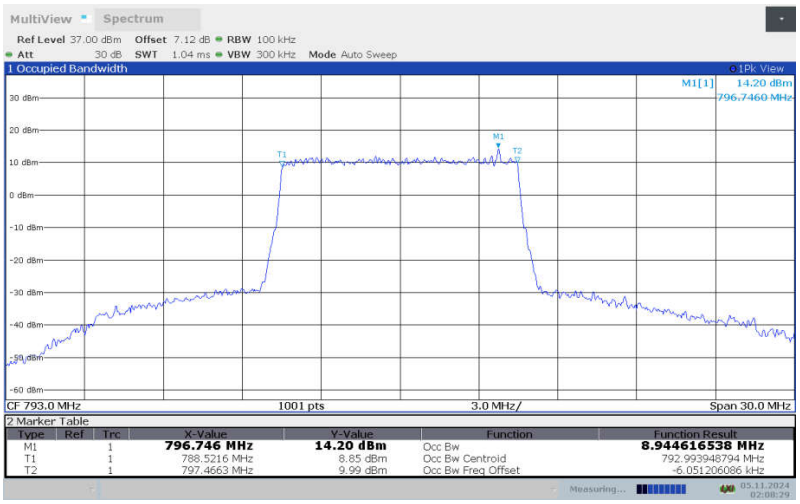
LTE band 14,10MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
793	8.951	8.945	8.951
793	8.964	8.950	8.930
793	8.962	8.944	8.936

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



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



LTE band 14 , 10MHz Bandwidth, LOW, 64QAM (99% BW)

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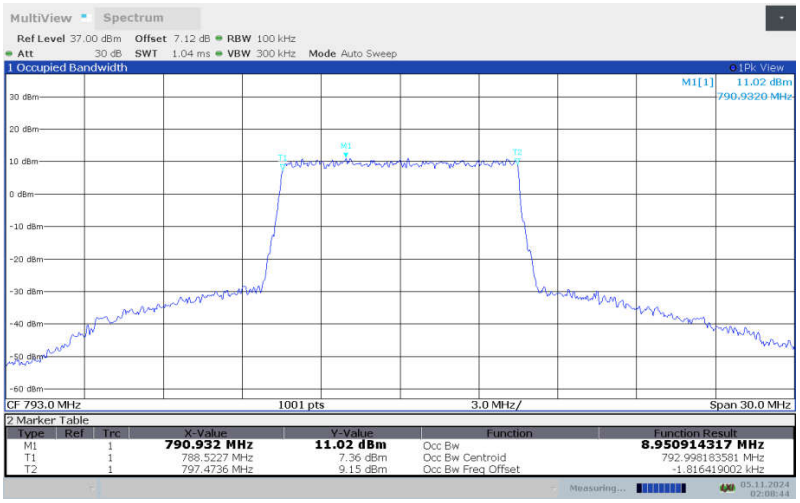
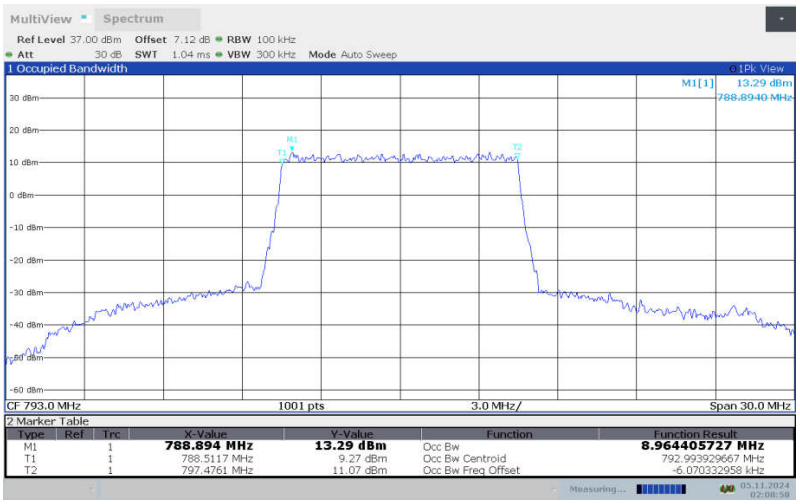


LTE band 14 , 10MHz Bandwidth, MID, QPSK (99% BW)



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

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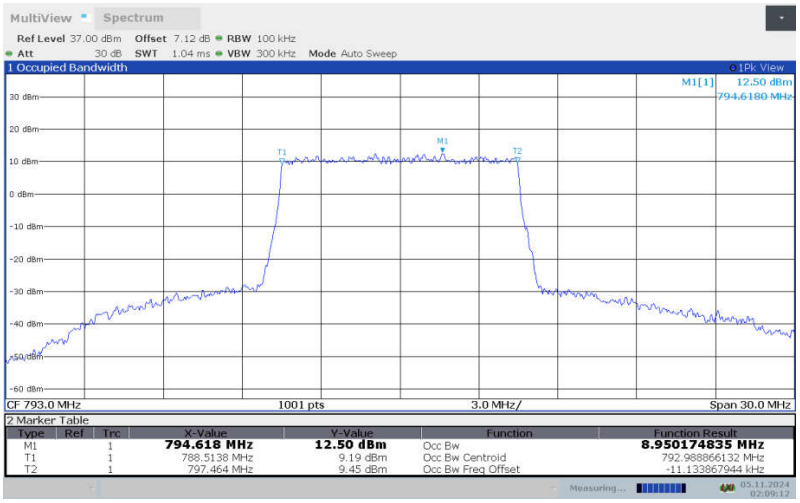
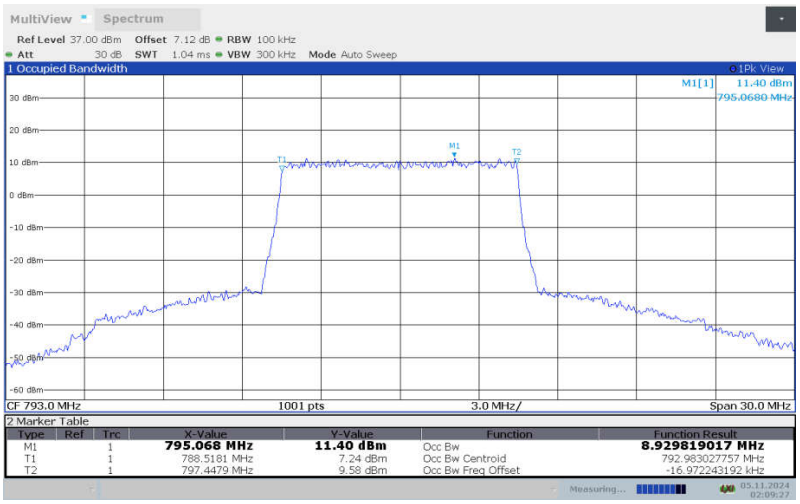


LTE band 14 , 10MHz Bandwidth, MID, 64QAM (99% BW)



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

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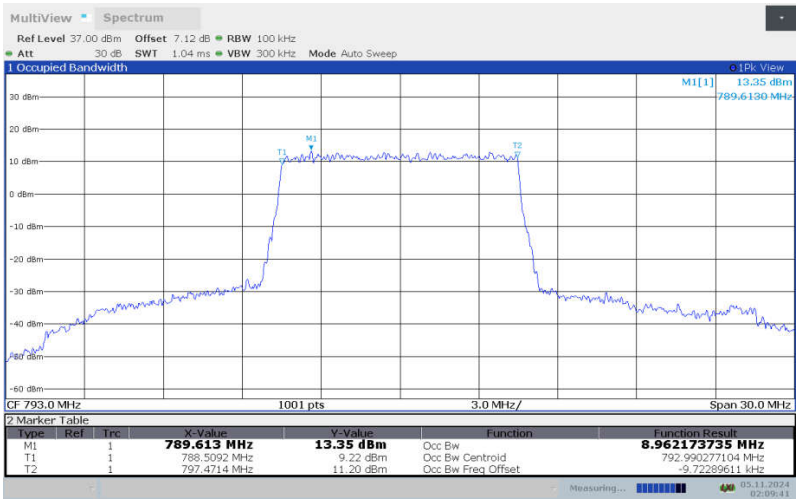
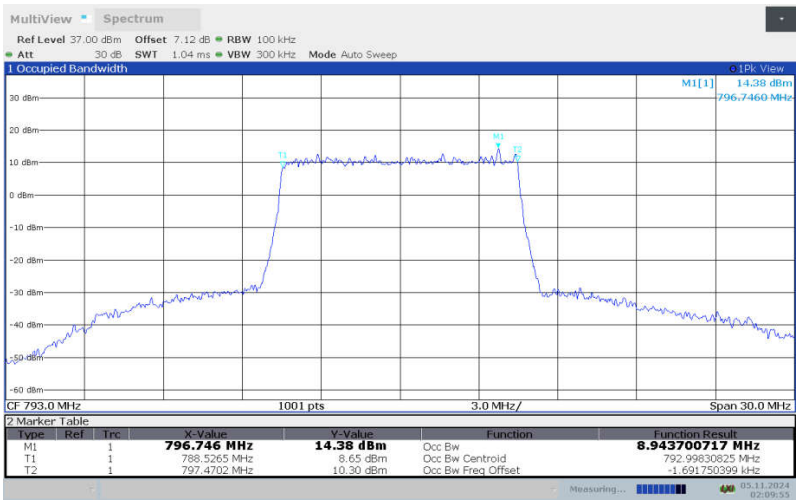


LTE band 14 , 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 14 , 10MHz Bandwidth, HIGH, 64QAM (99% BW)

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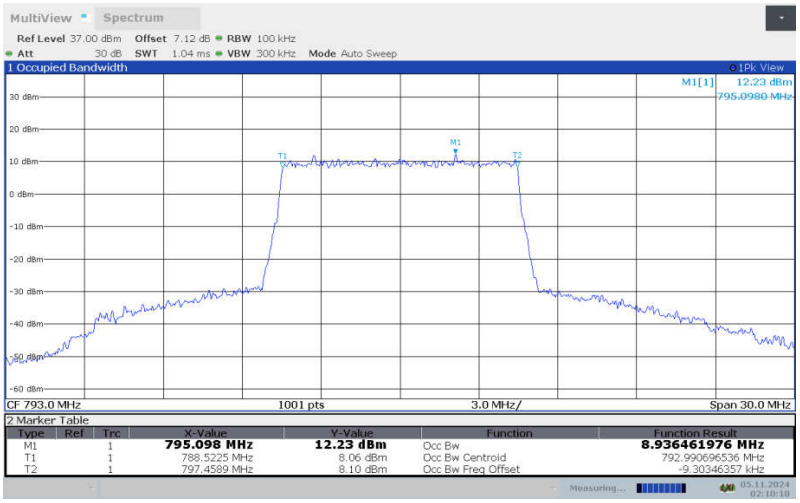

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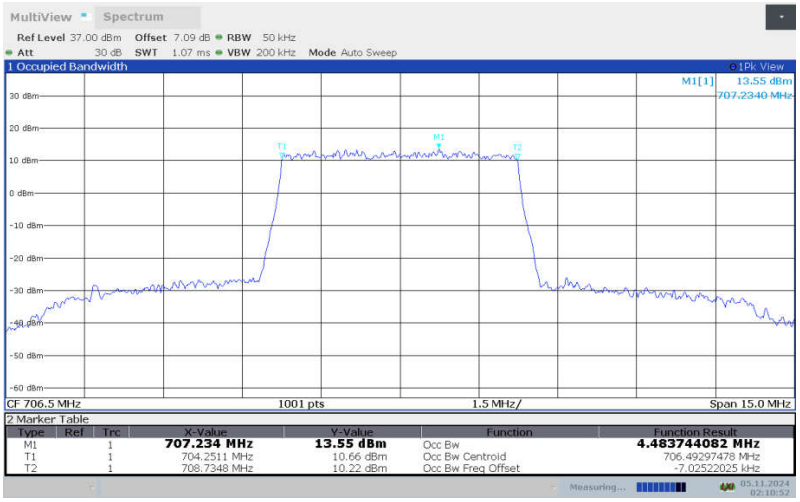
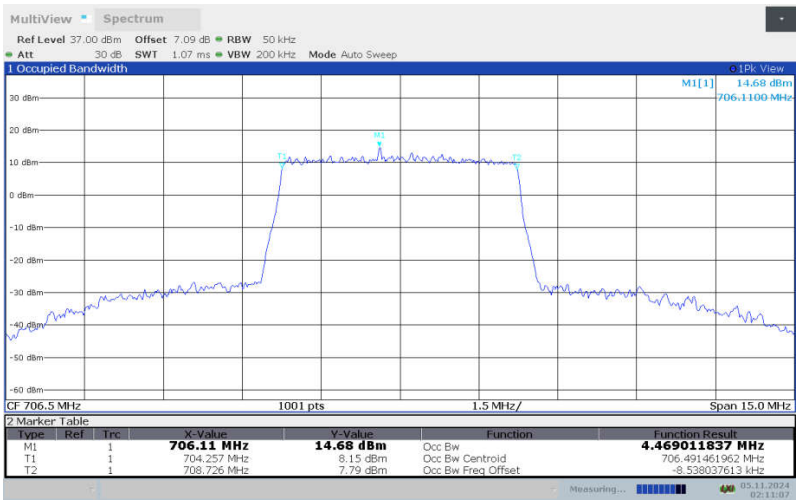
LTE band 17,5MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
706.5	4.484	4.469	4.468
710	4.478	4.477	4.472
713.5	4.461	4.469	4.462

LTE band 17 , 5MHz Bandwidth, LOW, QPSK (99% BW)



LTE band 17 , 5MHz Bandwidth, LOW, 16QAM (99% BW)



LTE band 17 , 5MHz Bandwidth, LOW, 64QAM (99% BW)

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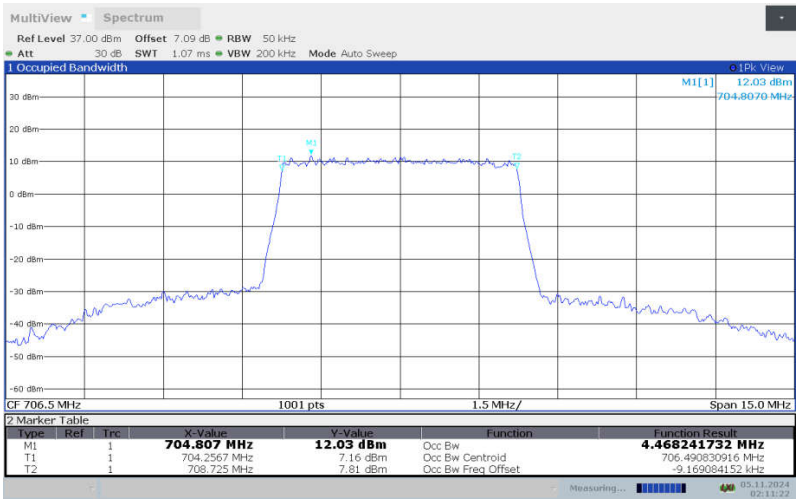
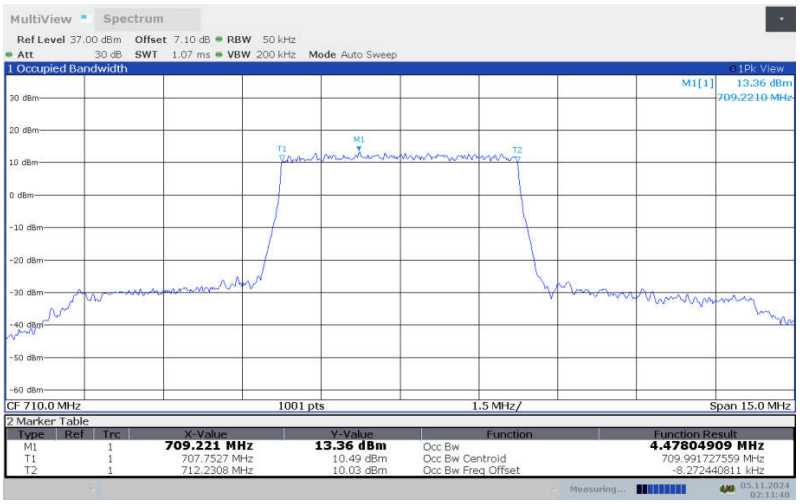


LTE band 17 , 5MHz Bandwidth, MID, QPSK (99% BW)



LTE band 17 , 5MHz Bandwidth, MID, 16QAM (99% BW)

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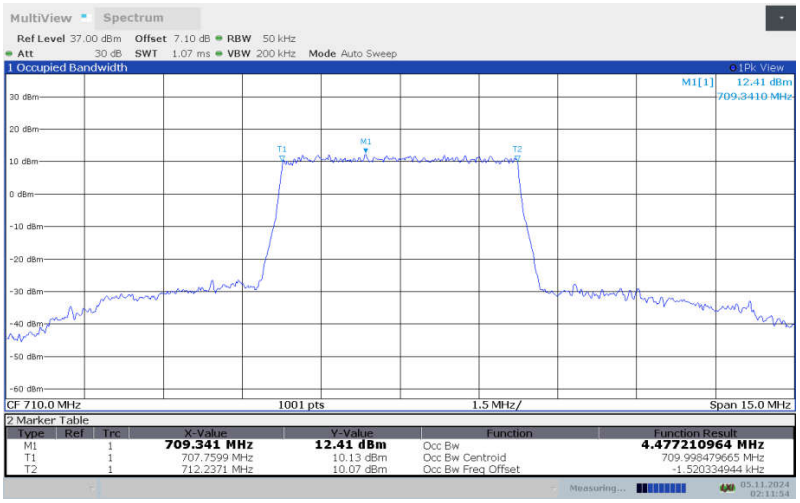
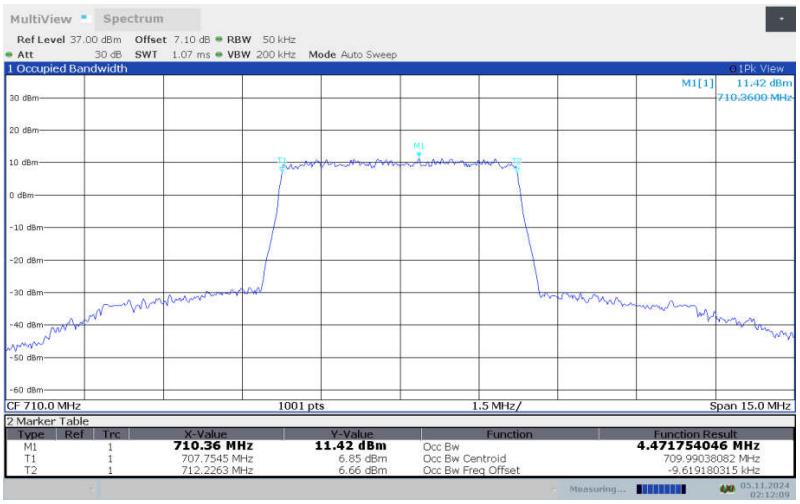


LTE band 17 , 5MHz Bandwidth, MID, 64QAM (99% BW)



LTE band 17 , 5MHz Bandwidth, HIGH, QPSK (99% BW)

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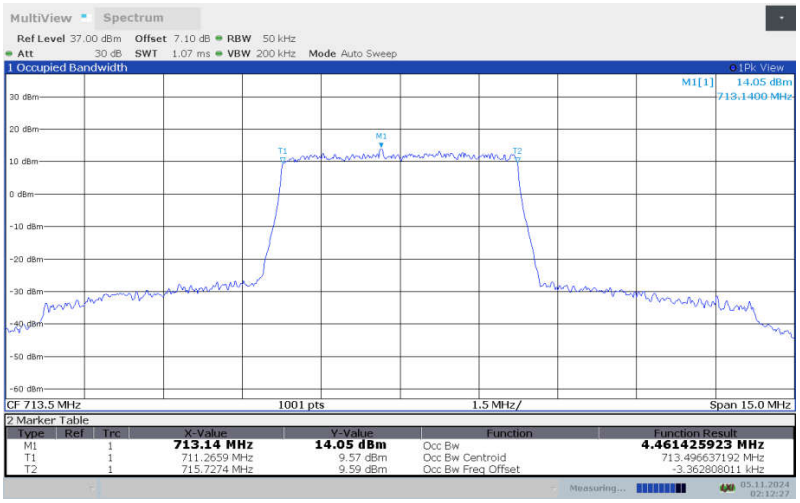
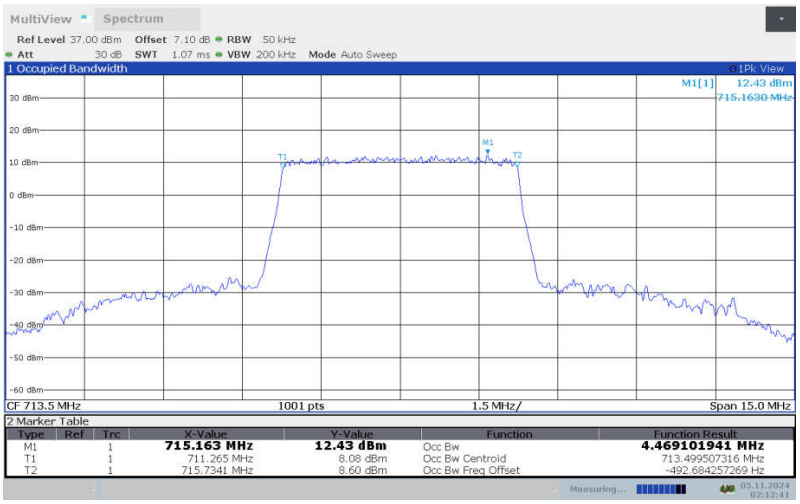


LTE band 17 , 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 17 , 5MHz Bandwidth, HIGH, 64QAM (99% BW)

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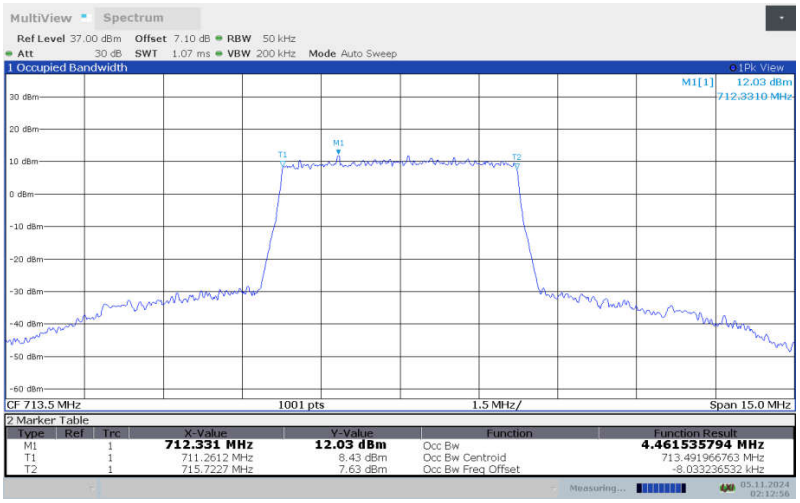

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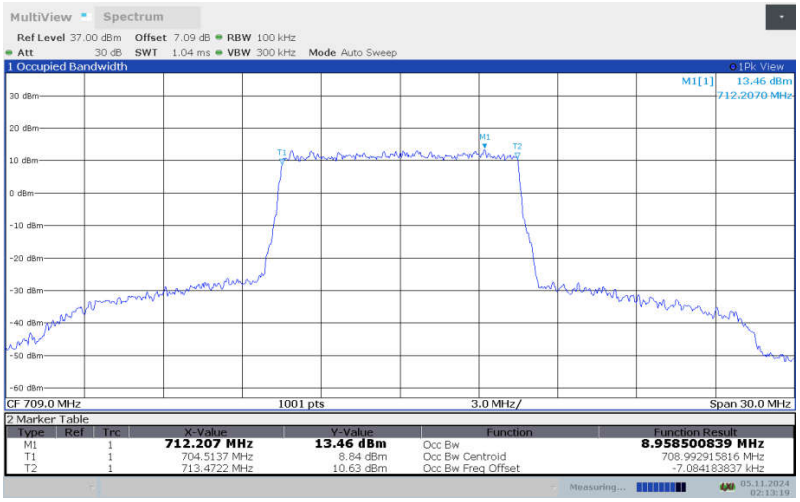
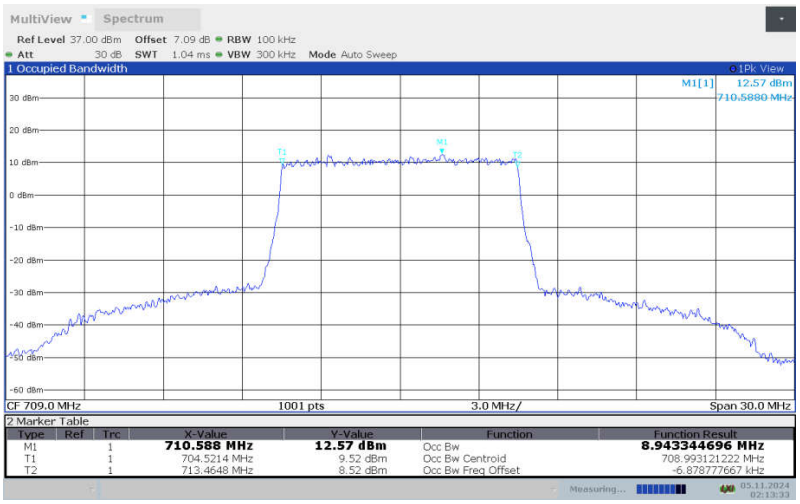
LTE band 17,10MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
709	8.959	8.943	8.944
710	8.927	8.951	8.940
711	8.938	8.932	8.936

LTE band 17 , 10MHz Bandwidth, LOW, QPSK (99% BW)



LTE band 17 , 10MHz Bandwidth, LOW, 16QAM (99% BW)



LTE band 17 , 10MHz Bandwidth, LOW, 64QAM (99% BW)

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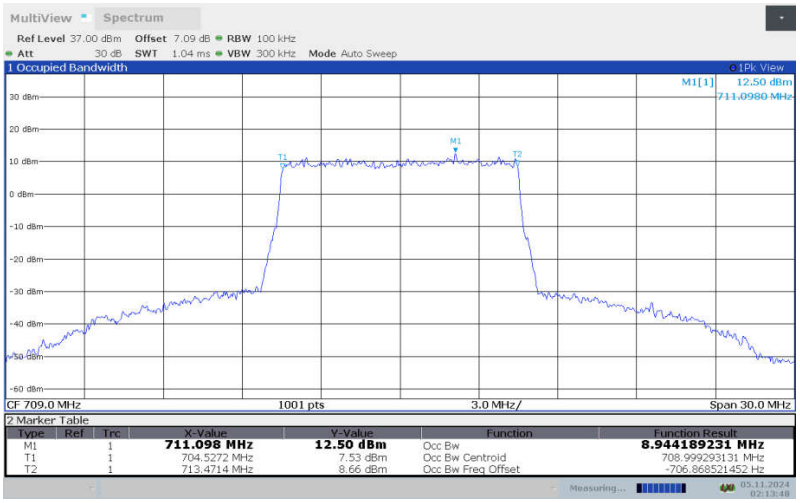
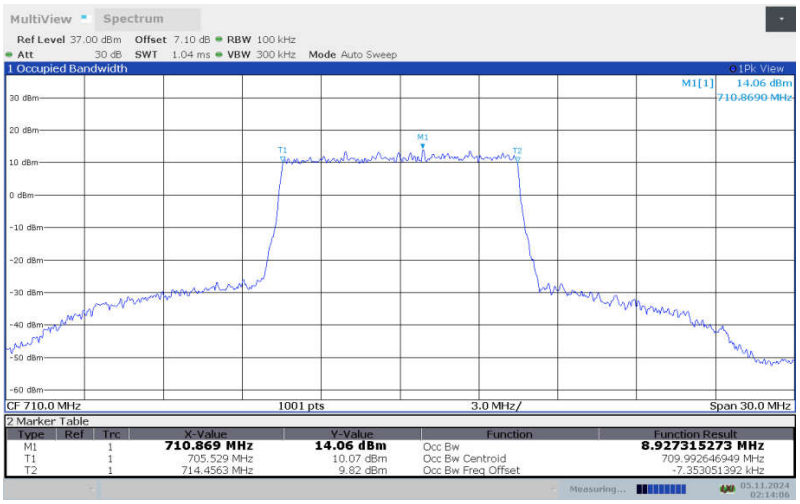


LTE band 17 , 10MHz Bandwidth, MID, QPSK (99% BW)



LTE band 17 , 10MHz Bandwidth, MID, 16QAM (99% BW)

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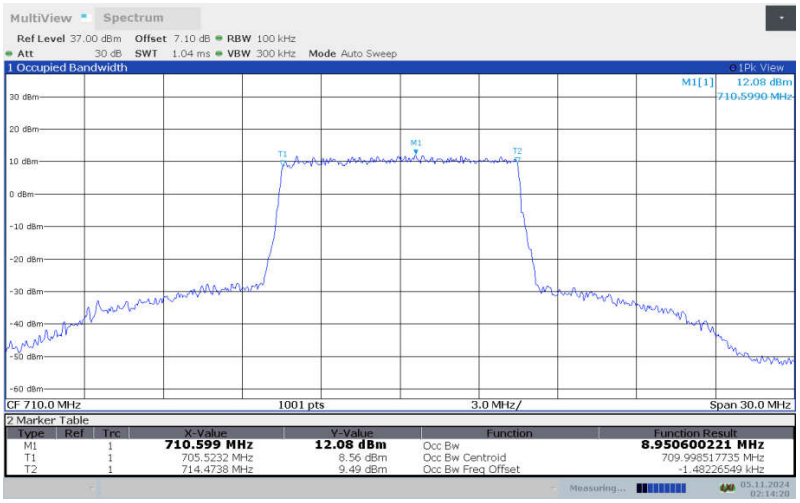
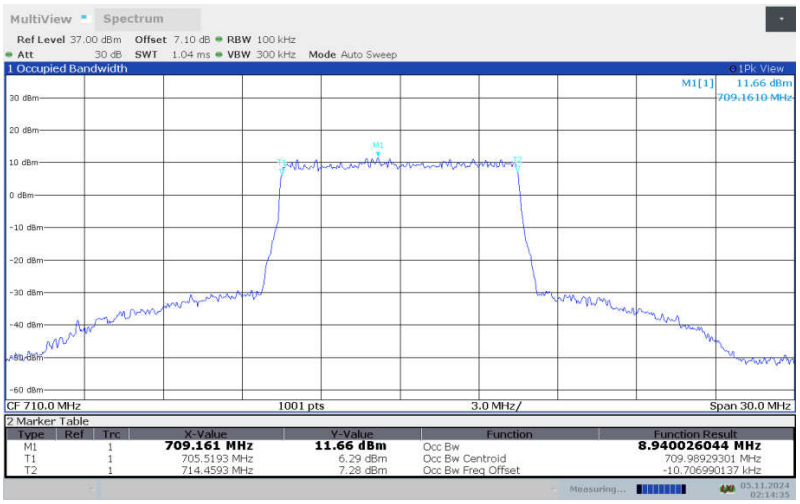


LTE band 17 , 10MHz Bandwidth, MID, 64QAM (99% BW)



LTE band 17 , 10MHz Bandwidth, HIGH, QPSK (99% BW)

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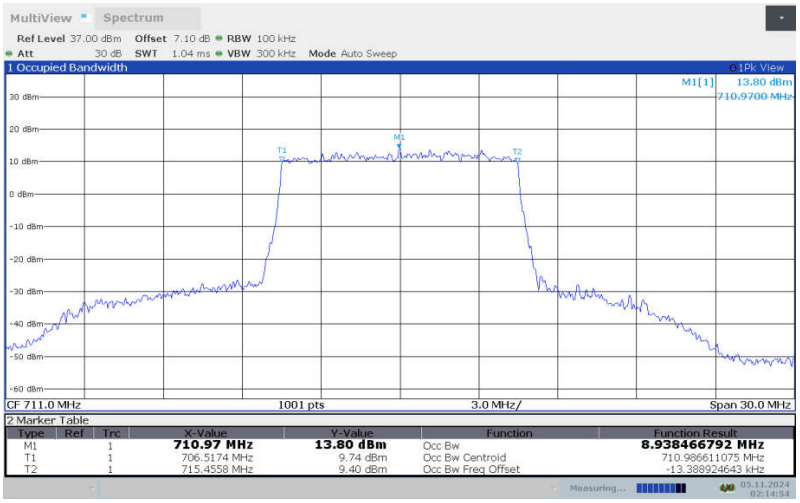
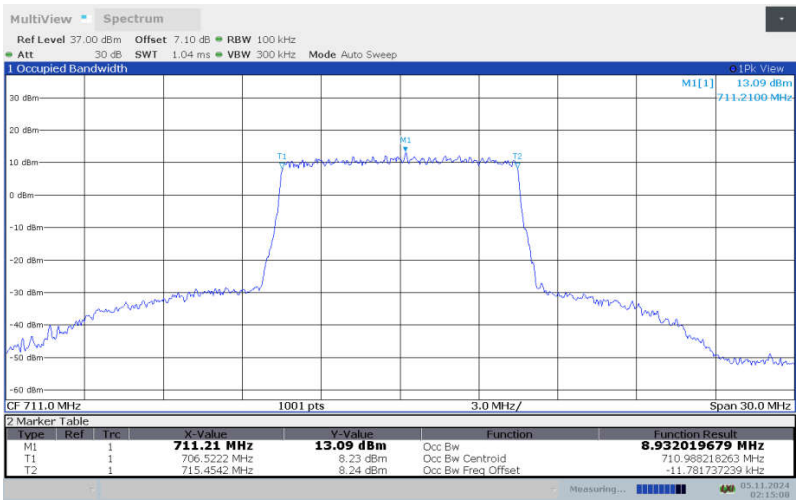


LTE band 17 , 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 17 , 10MHz Bandwidth, HIGH, 64QAM (99% BW)

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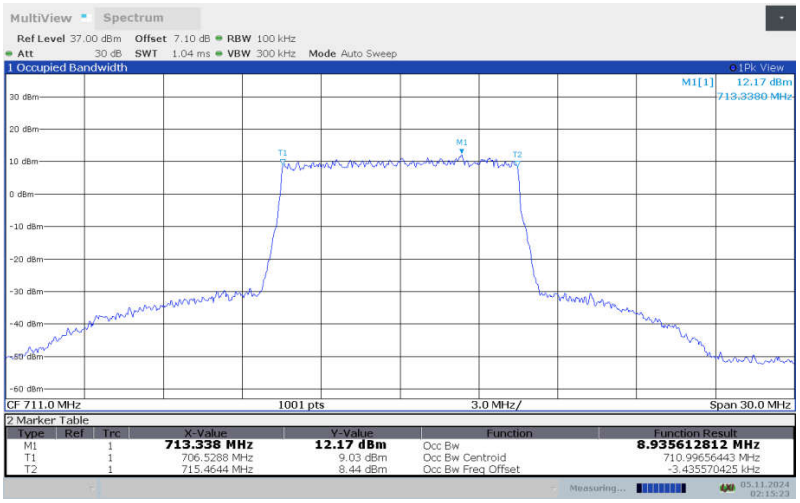

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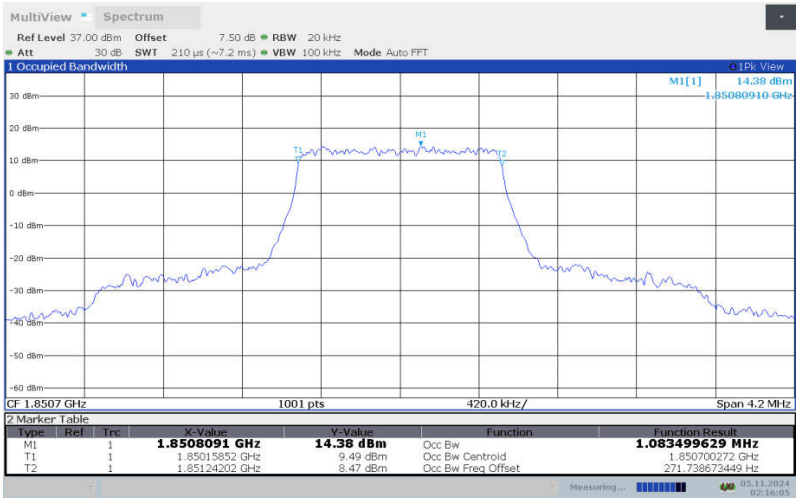
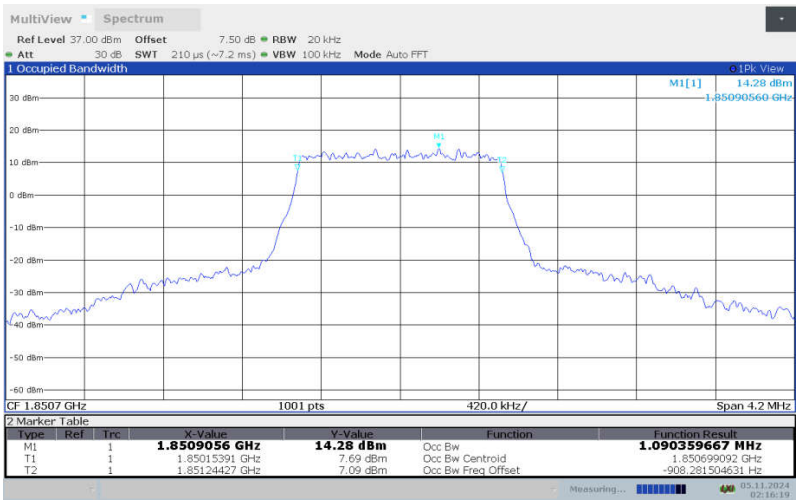
LTE band 25,1.4MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1850.7	1.083	1.090	1.084
1882.5	1.088	1.086	1.095
1914.3	1.092	1.088	1.082

LTE band 25 , 1.4MHz Bandwidth, LOW, QPSK (99% BW)



LTE band 25 , 1.4MHz Bandwidth, LOW, 16QAM (99% BW)



LTE band 25 , 1.4MHz Bandwidth, LOW, 64QAM (99% BW)

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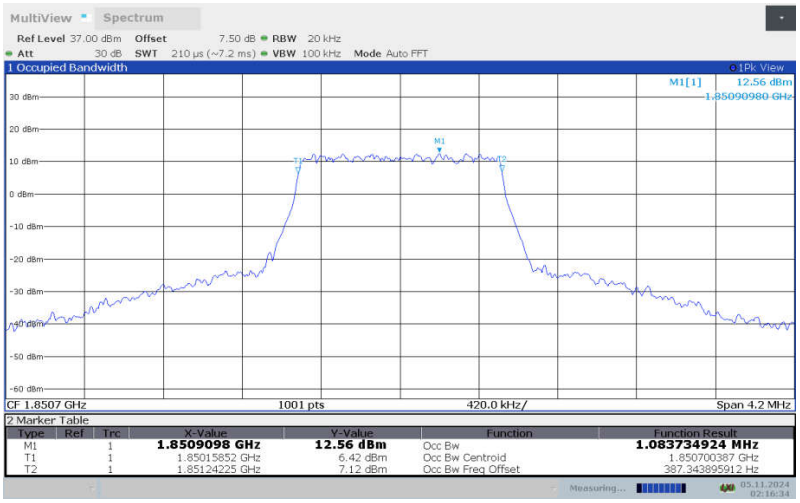

LTE band 25 , 1.4MHz Bandwidth, MID, QPSK (99% BW)

LTE band 25 , 1.4MHz Bandwidth, MID, 16QAM (99% BW)

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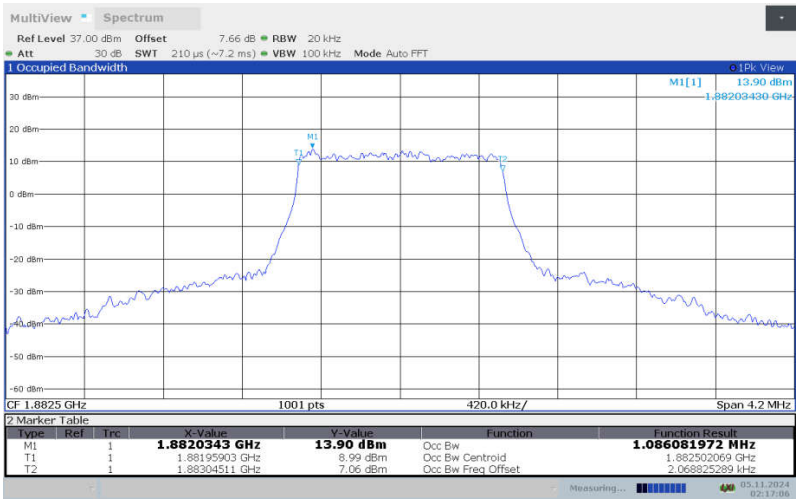
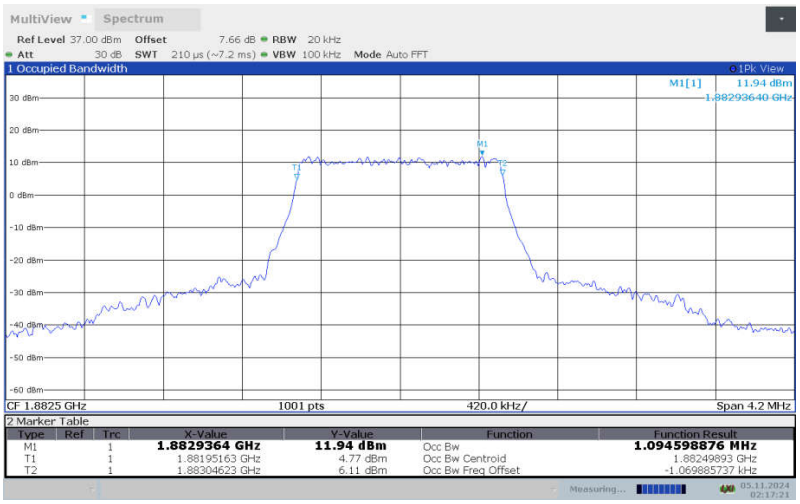


LTE band 25 , 1.4MHz Bandwidth, MID, 64QAM (99% BW)



LTE band 25 , 1.4MHz Bandwidth, HIGH, QPSK (99% BW)

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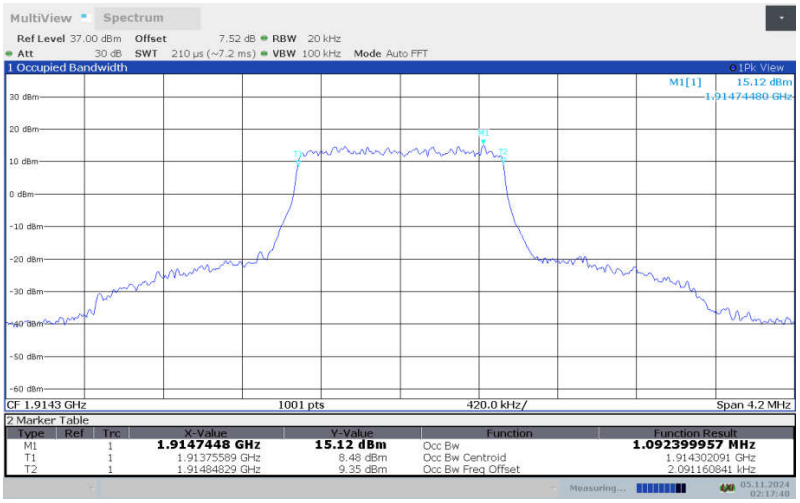
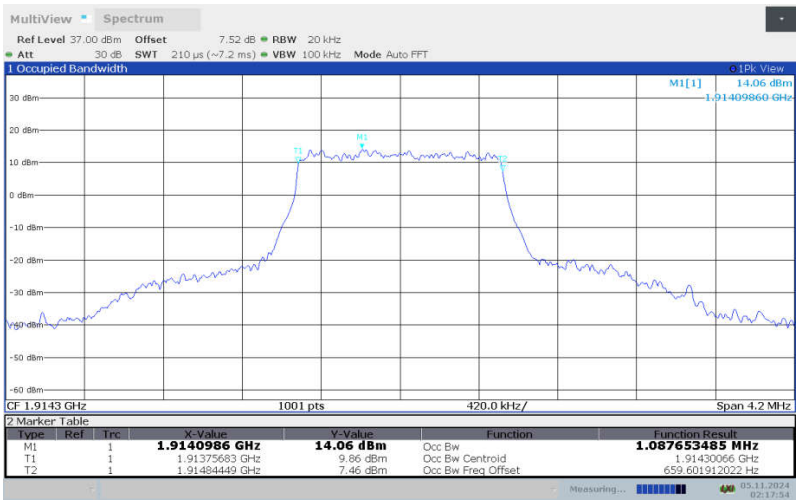


LTE band 25 , 1.4MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 25 , 1.4MHz Bandwidth, HIGH, 64QAM (99% BW)

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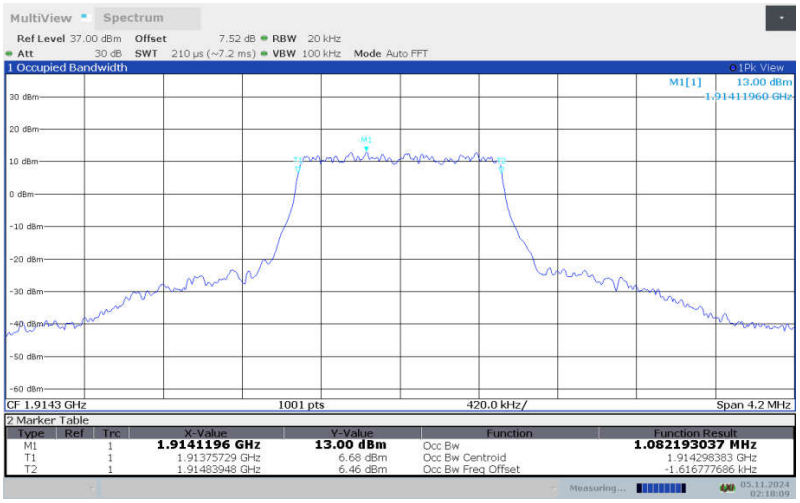

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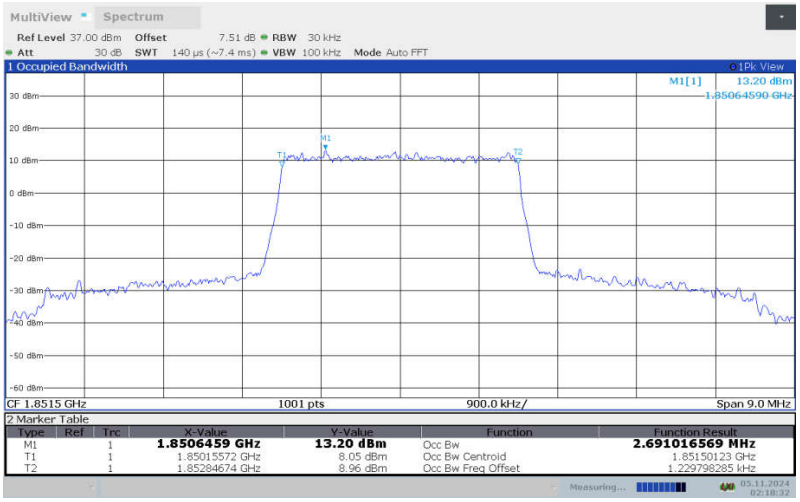
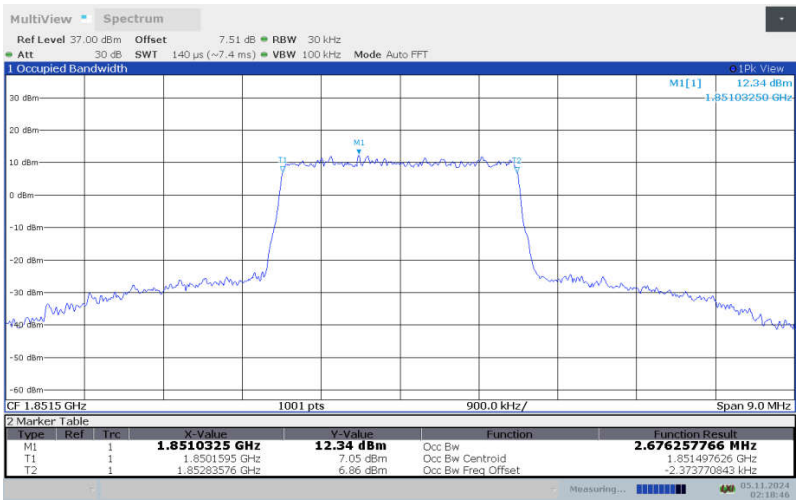
LTE band 25,3MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
1851.5	2.691	2.676	2.687
1882.5	2.689	2.686	2.684
1913.5	2.687	2.685	2.688

LTE band 25 , 3MHz Bandwidth, LOW, QPSK (99% BW)



LTE band 25 , 3MHz Bandwidth, LOW, 16QAM (99% BW)



LTE band 25 , 3MHz Bandwidth, LOW, 64QAM (99% BW)

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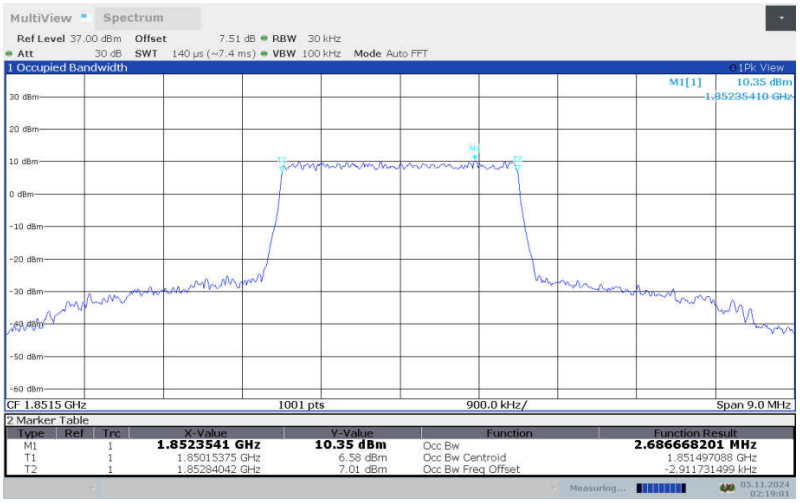
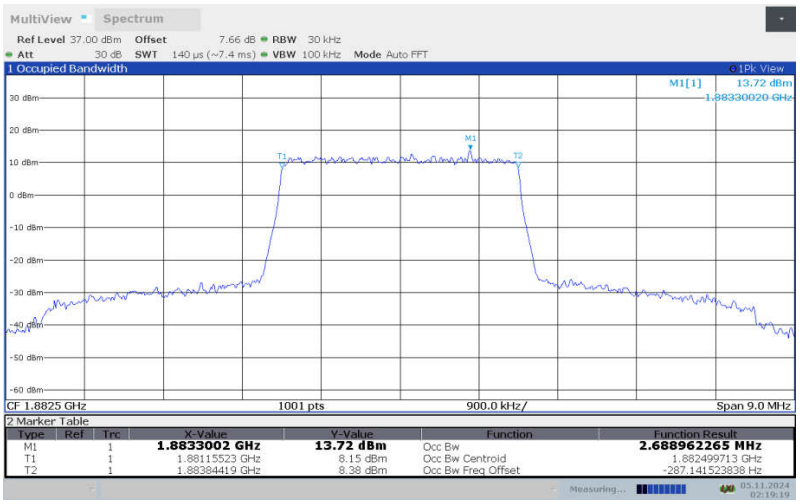


LTE band 25 , 3MHz Bandwidth, MID, QPSK (99% BW)



LTE band 25 , 3MHz Bandwidth, MID, 16QAM (99% BW)

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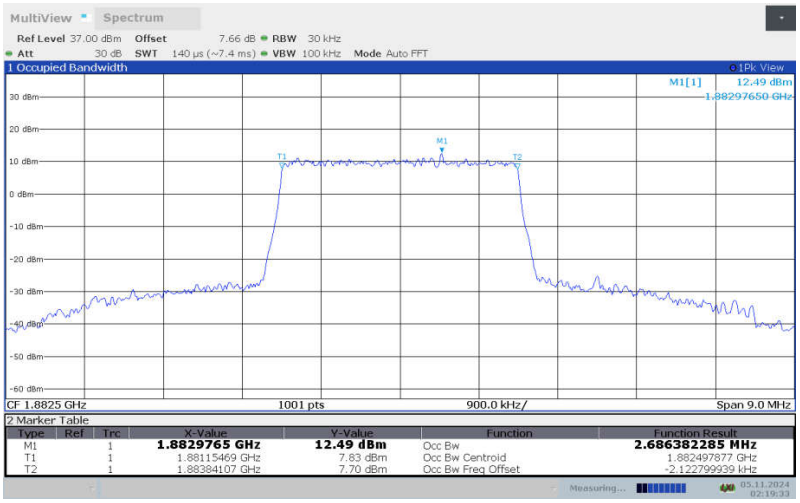
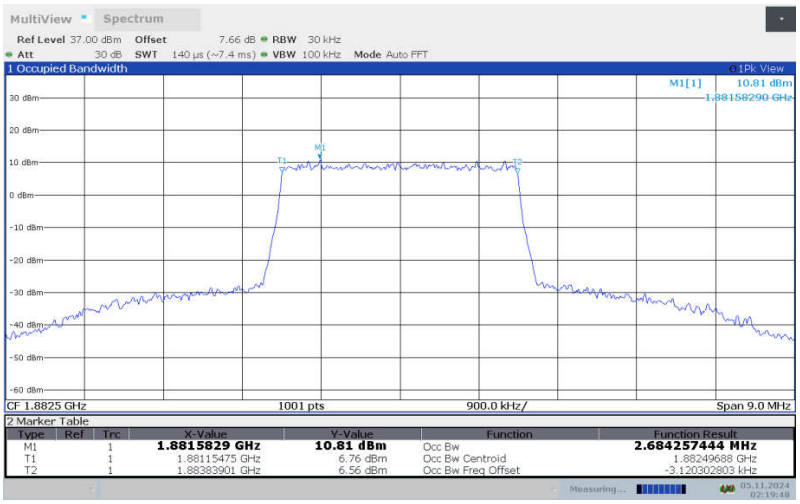


LTE band 25 , 3MHz Bandwidth, MID, 64QAM (99% BW)



LTE band 25 , 3MHz Bandwidth, HIGH, QPSK (99% BW)

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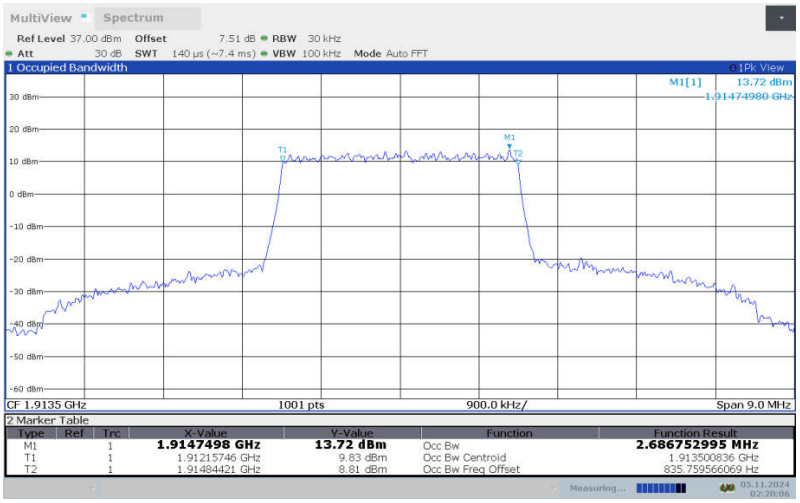
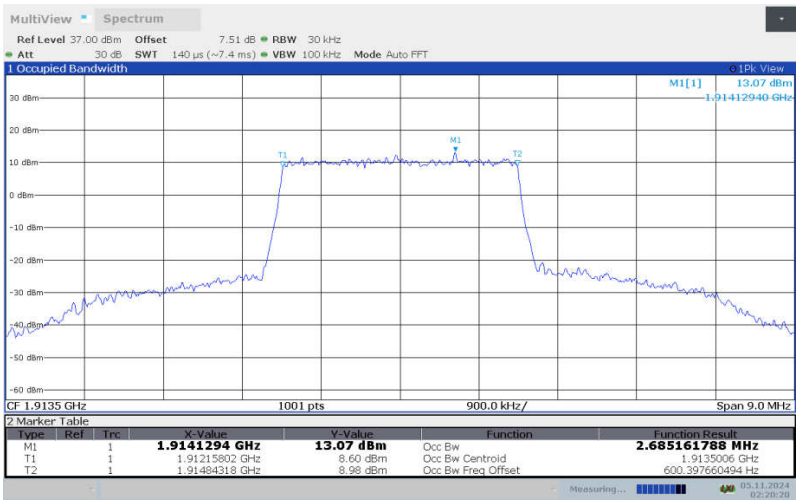


LTE band 25 , 3MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 25 , 3MHz Bandwidth, HIGH, 64QAM (99% BW)

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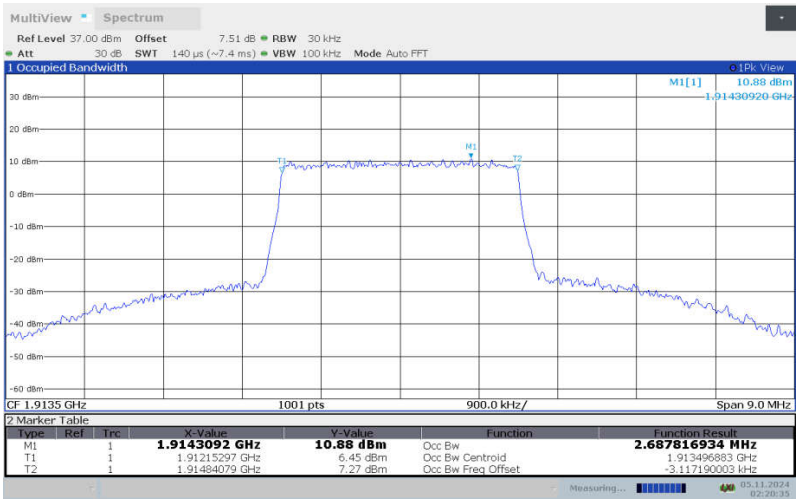

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