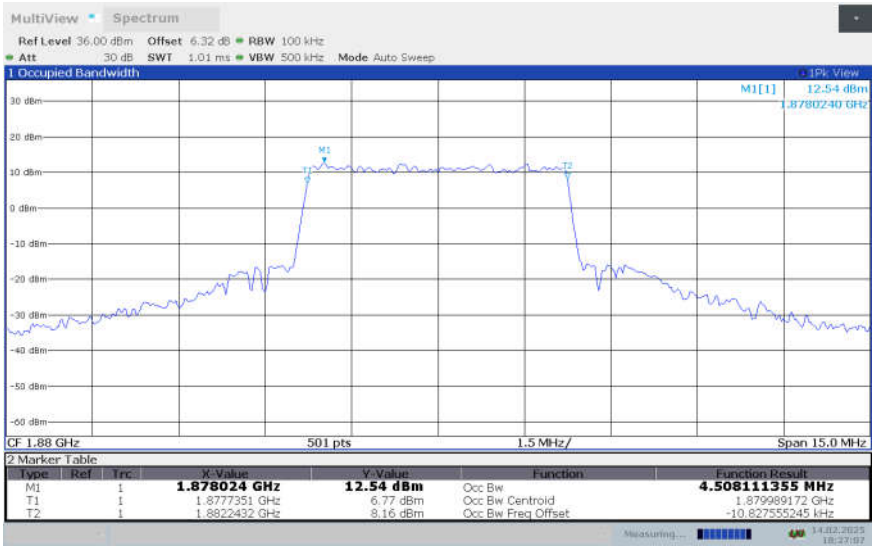
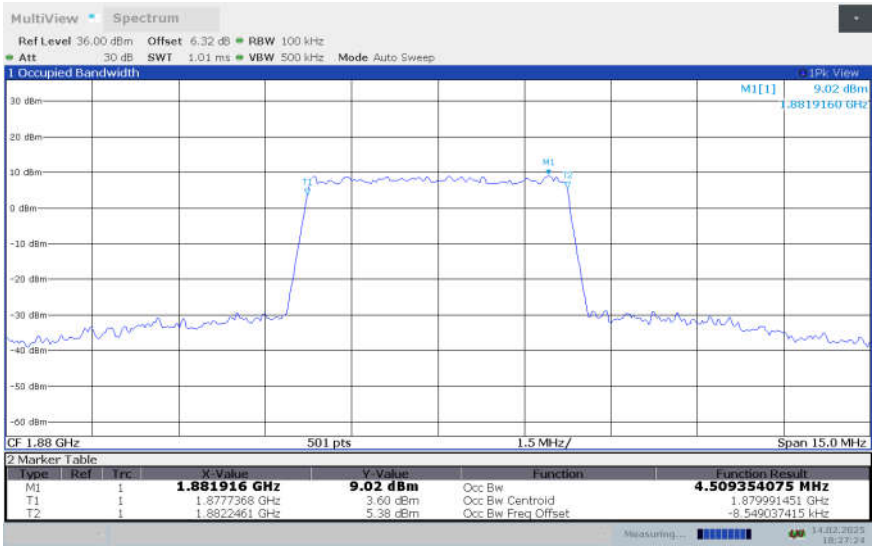


n2,5MHz Bandwidth,CP-256QAM (99% OBW)



n2,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)

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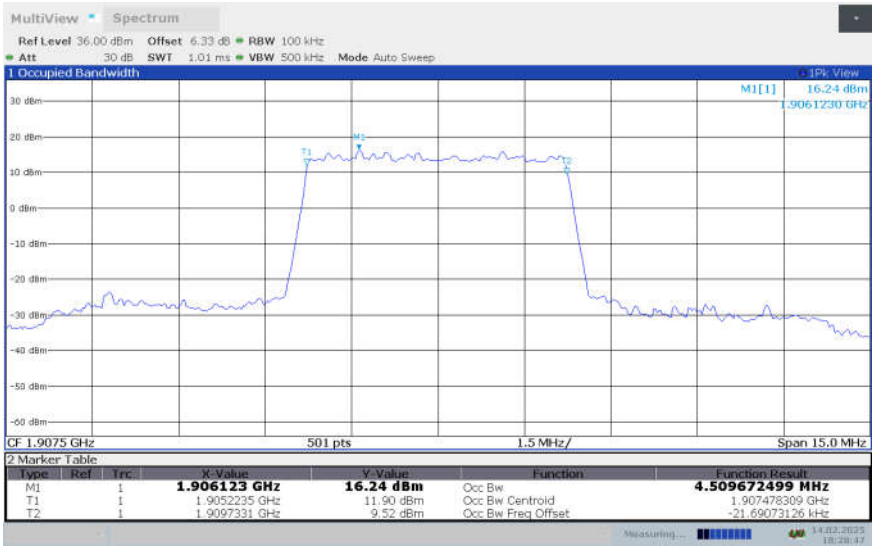

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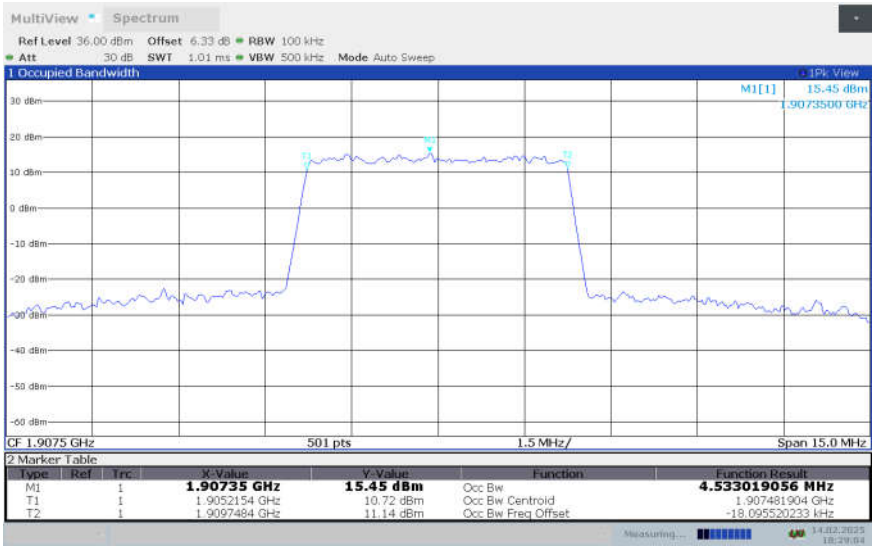

n2,5MHz Bandwidth,DFT-s-16QAM (99% OBW)

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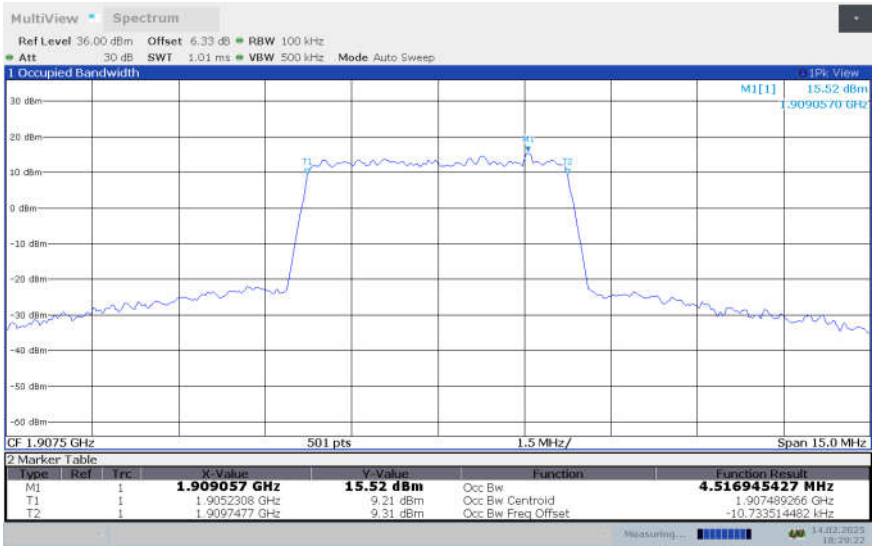
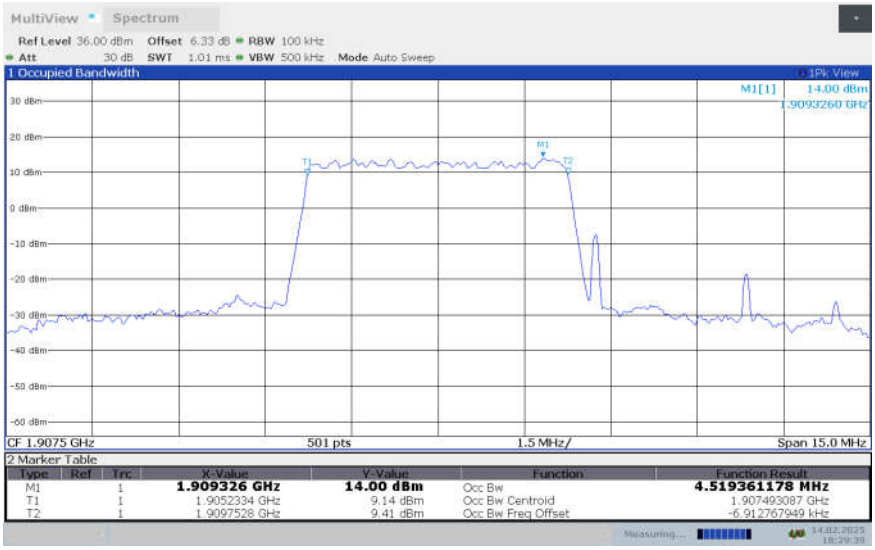


n2,5MHz Bandwidth,DFT-s-64QAM (99% OBW)



n2,5MHz Bandwidth,DFT-s-256QAM (99% OBW)

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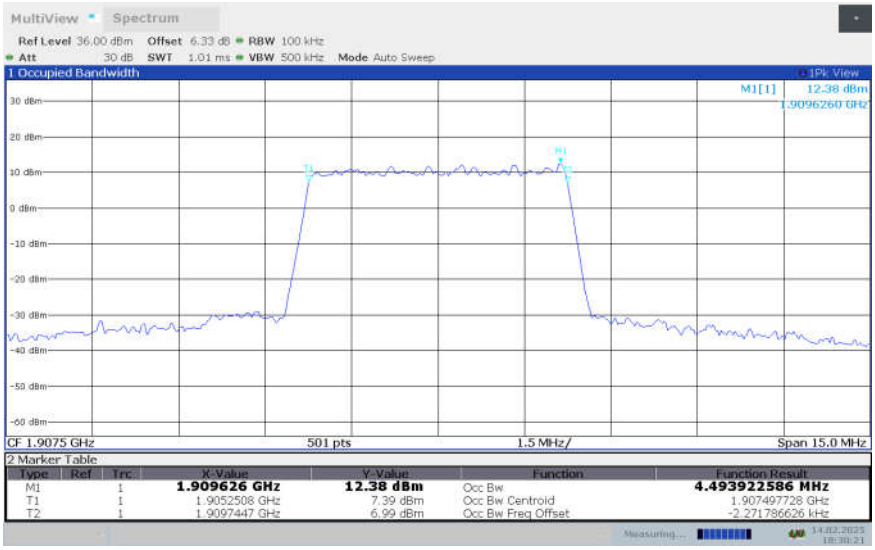
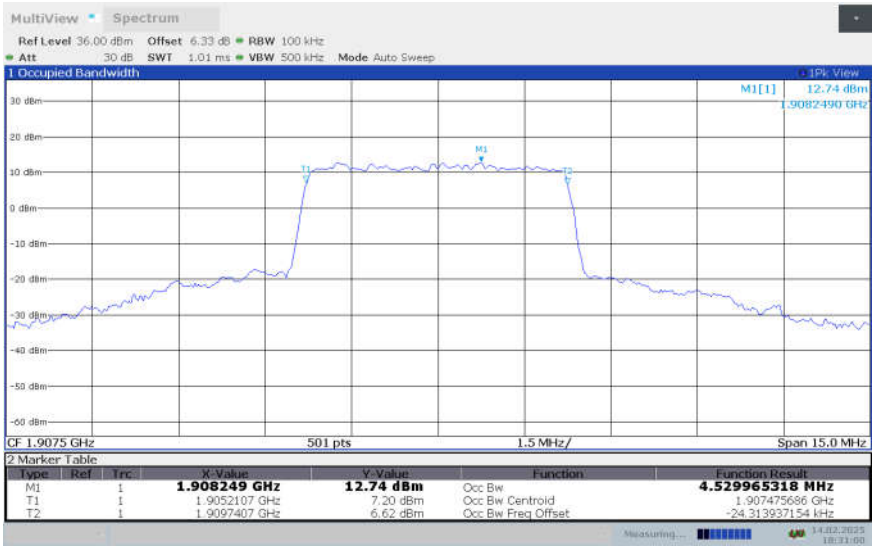


n2,5MHz Bandwidth,CP-QPSK (99% OBW)



n2,5MHz Bandwidth,CP-16QAM (99% OBW)

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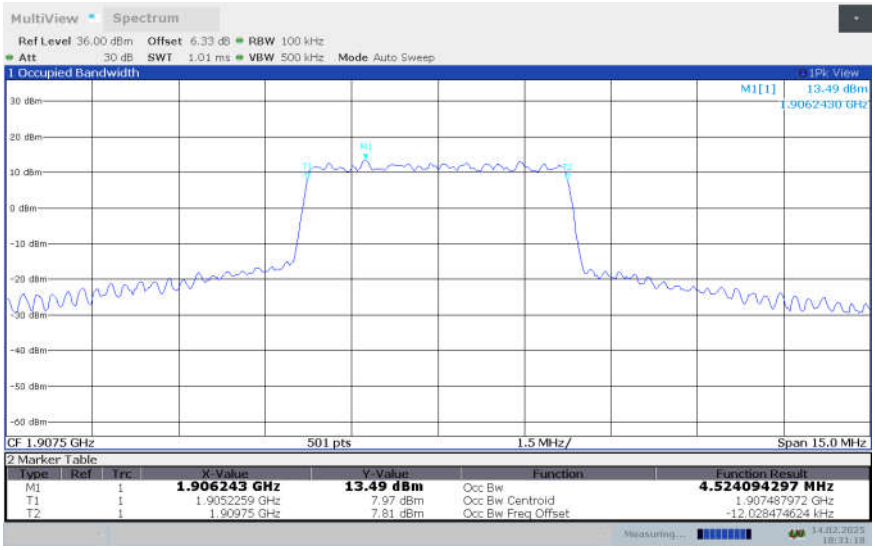
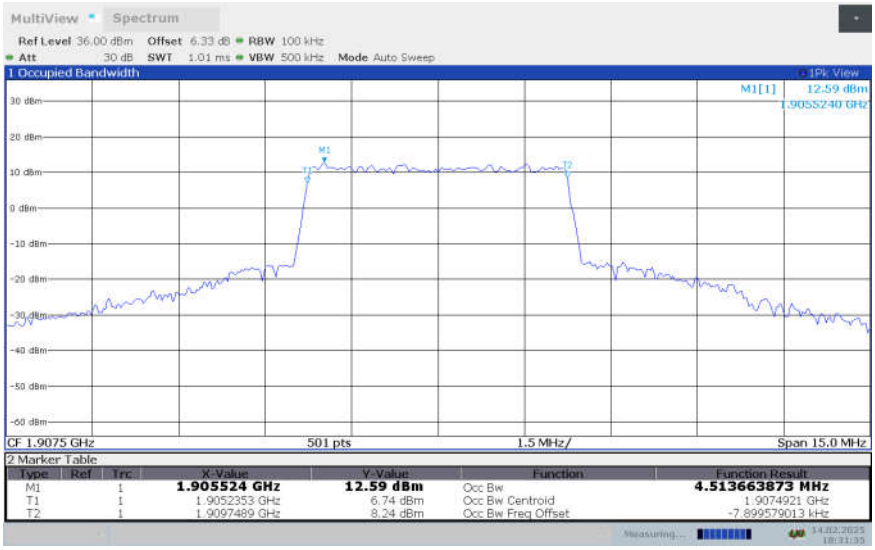


n2,5MHz Bandwidth,CP-64QAM (99% OBW)



n2,5MHz Bandwidth,CP-256QAM (99% OBW)

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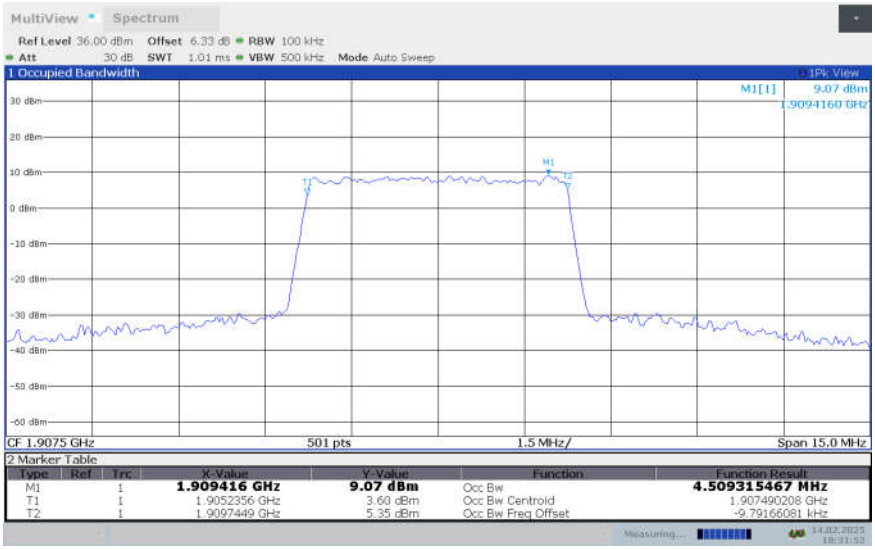

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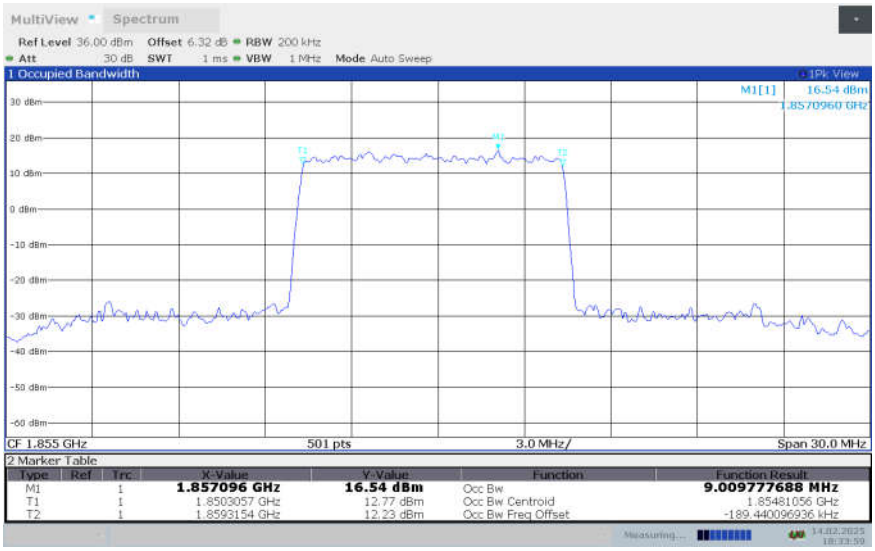
n2

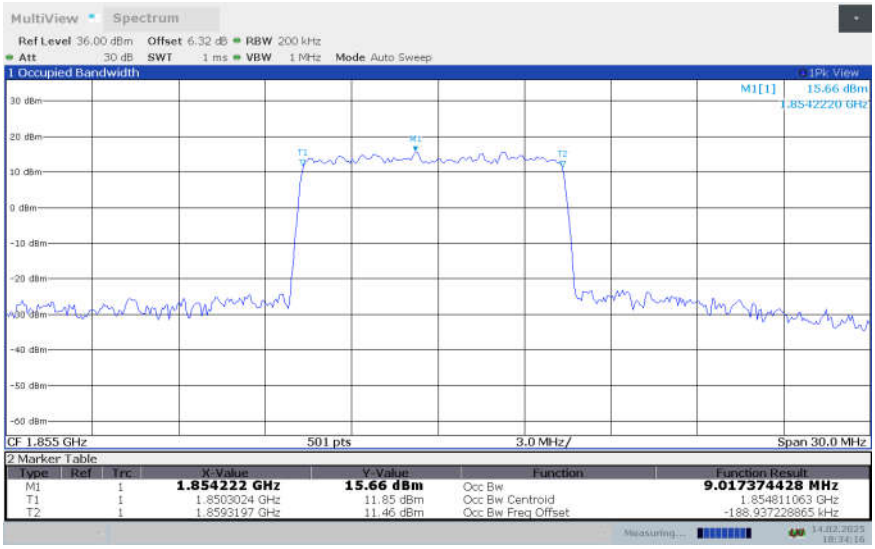
n2,10MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1855	9.010	9.017	9.011	9.013	9.012	9.340	9.349	9.367	9.351
1880	9.007	9.013	9.013	9.013	9.012	9.349	9.360	9.360	9.350
1905	9.008	9.015	9.010	9.019	9.017	9.357	9.350	9.370	9.349

n2,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)



n2,10MHz Bandwidth,DFT-s-QPSK (99% OBW)



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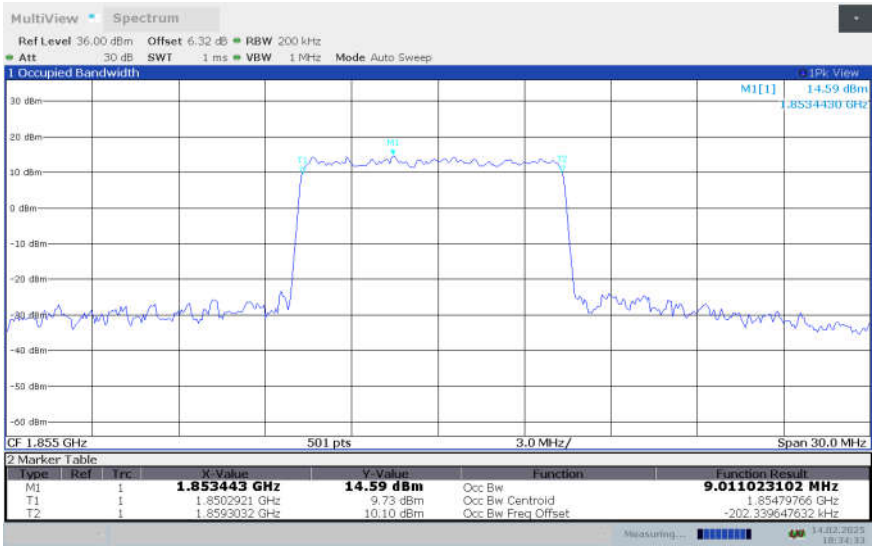
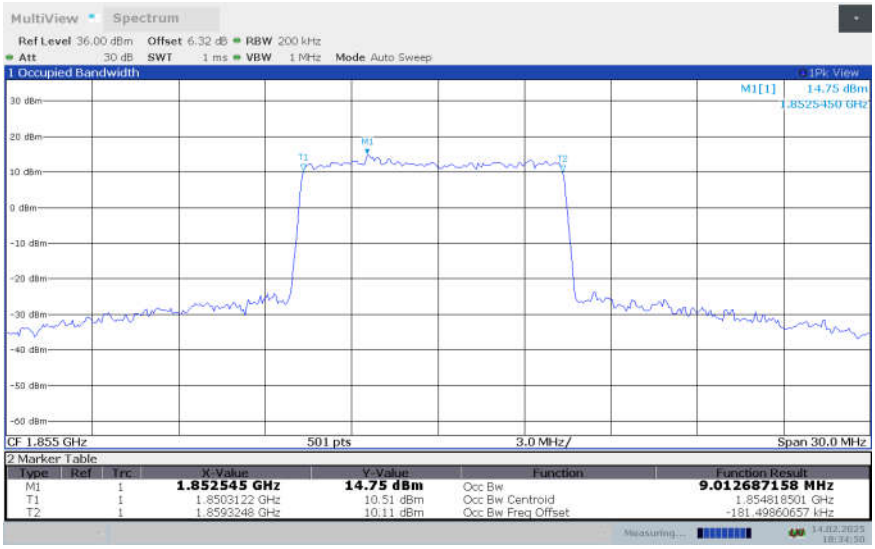
n2,10MHz Bandwidth,DFT-s-16QAM (99% OBW)



n2,10MHz Bandwidth,DFT-s-64QAM (99% OBW)



n2,10MHz Bandwidth,DFT-s-256QAM (99% OBW)

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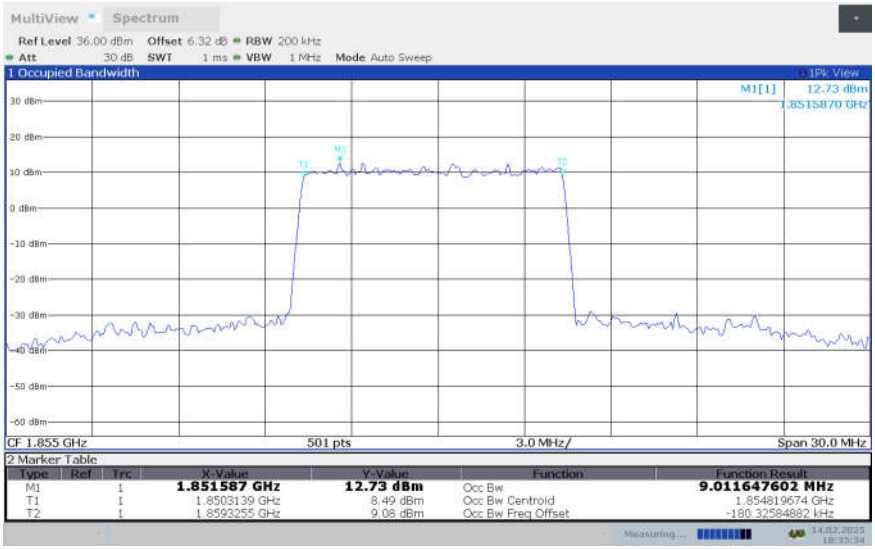
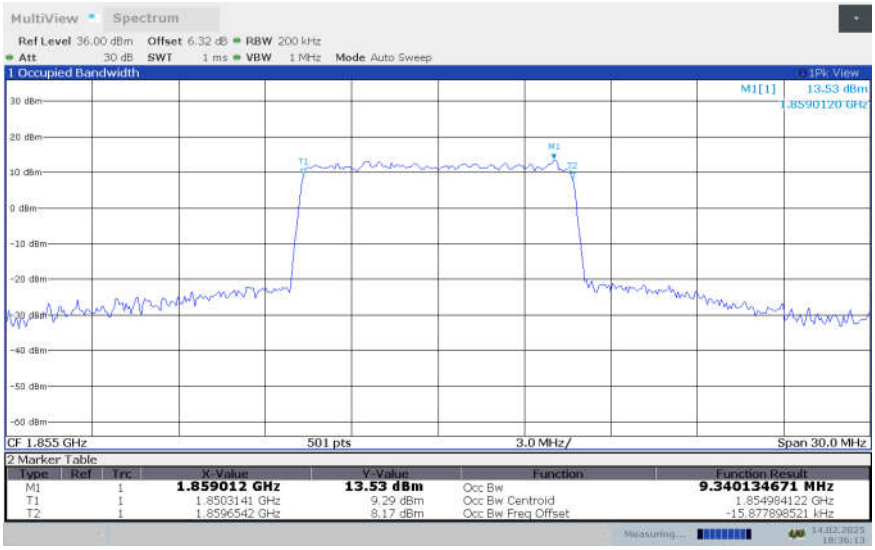


n2,10MHz Bandwidth,CP-QPSK (99% OBW)



n2,10MHz Bandwidth,CP-16QAM (99% OBW)

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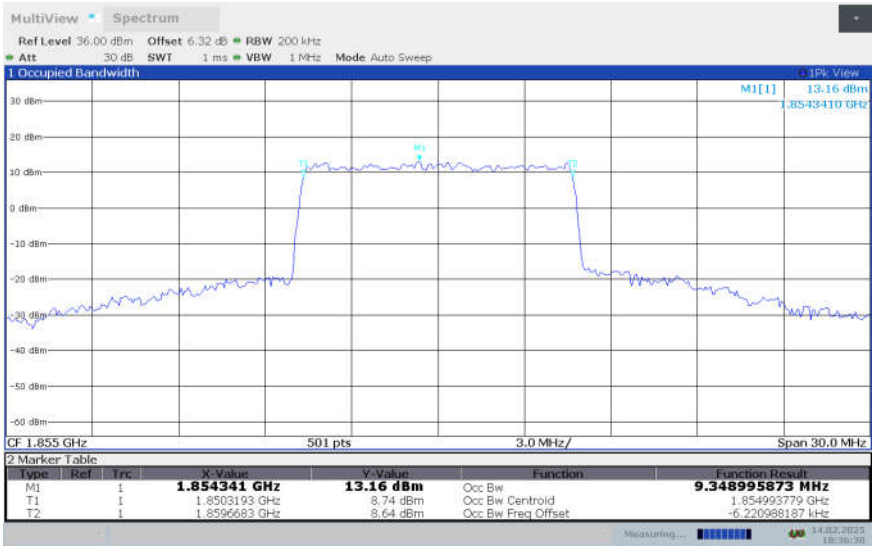
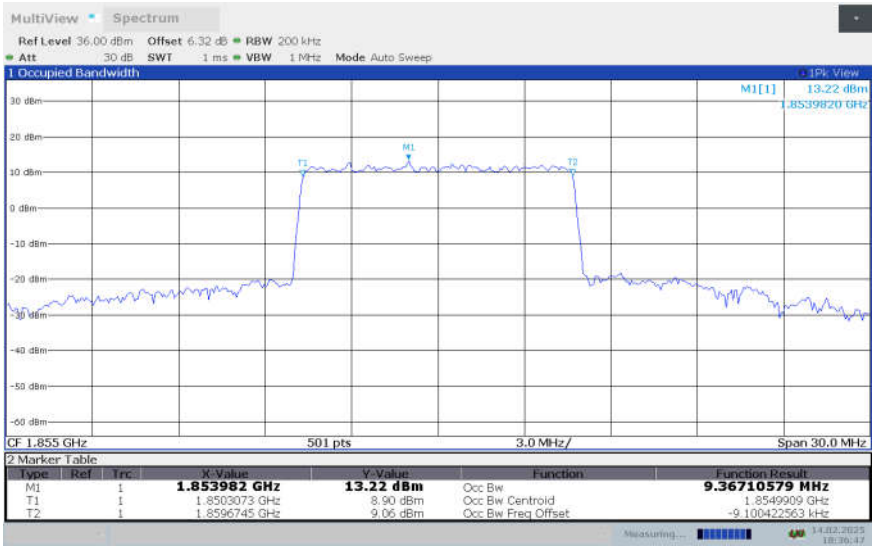


n2,10MHz Bandwidth,CP-64QAM (99% OBW)



n2,10MHz Bandwidth,CP-256QAM (99% OBW)

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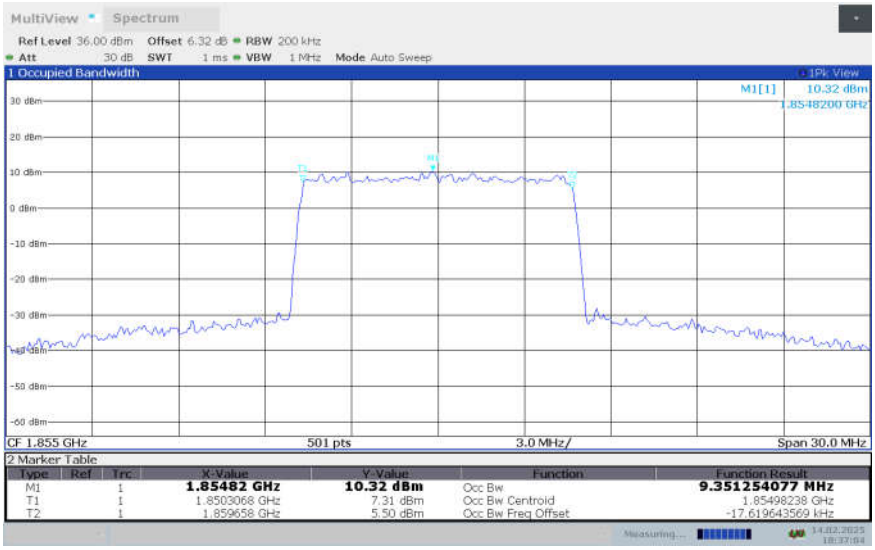
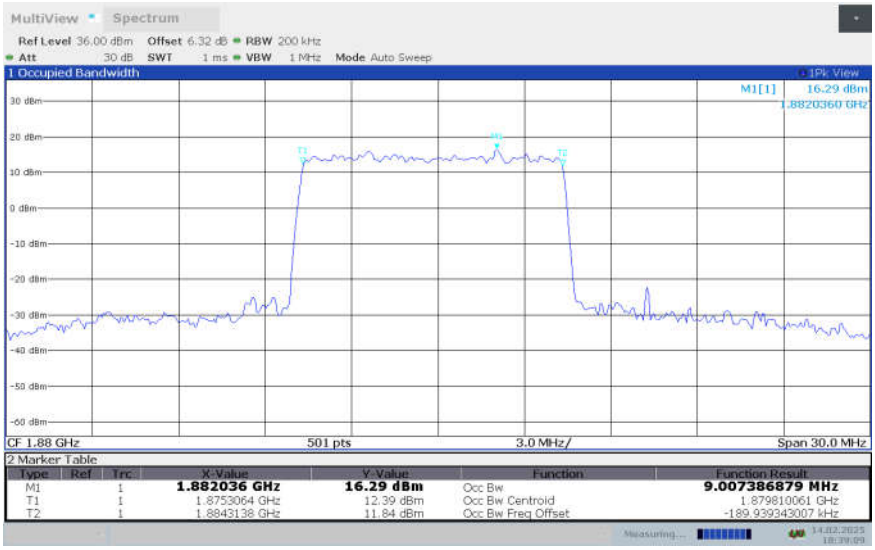


n2,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)



n2,10MHz Bandwidth,DFT-s-QPSK (99% OBW)

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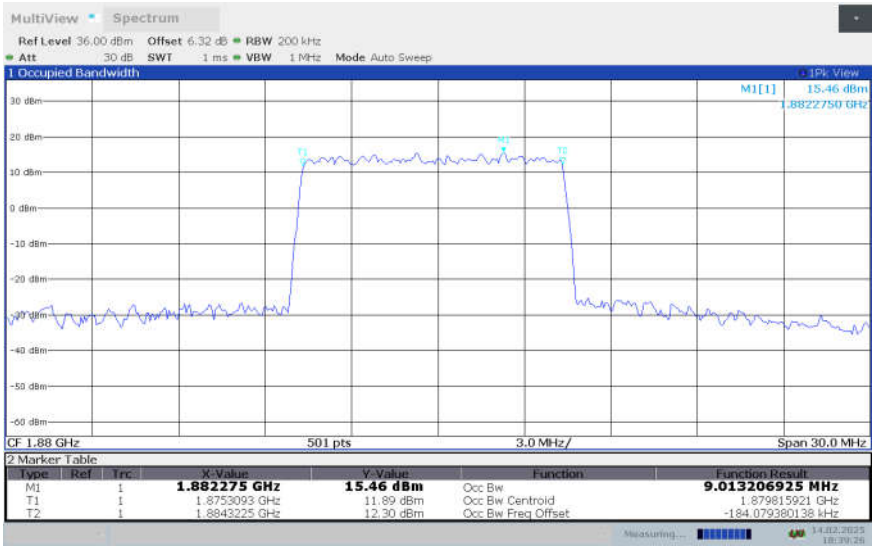
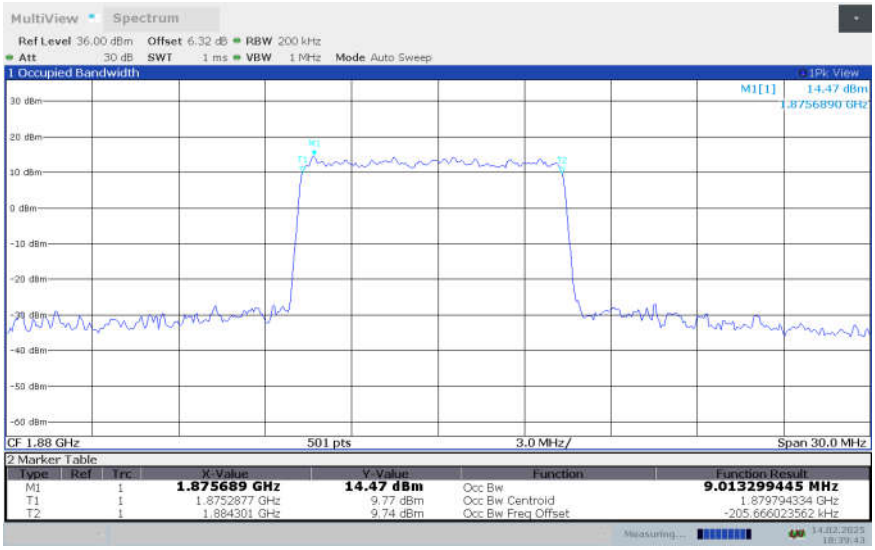


n2,10MHz Bandwidth,DFT-s-16QAM (99% OBW)



n2,10MHz Bandwidth,DFT-s-64QAM (99% OBW)

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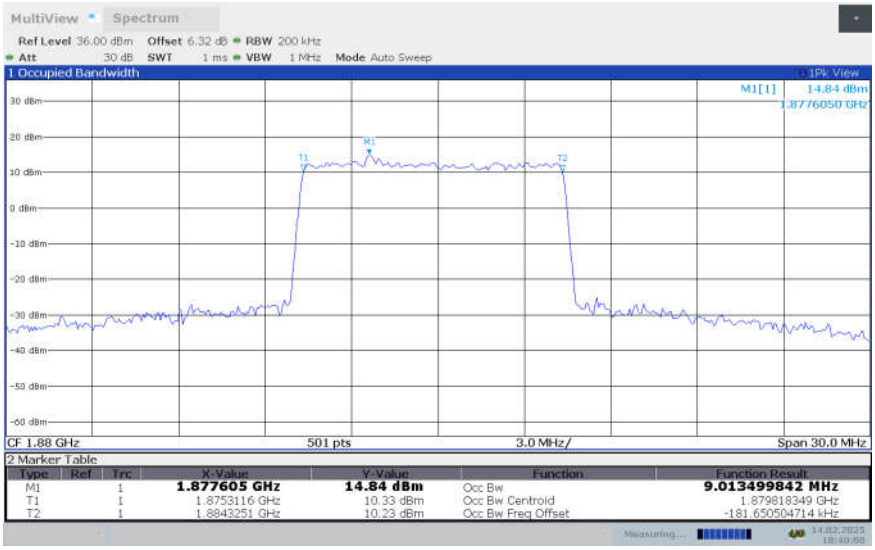
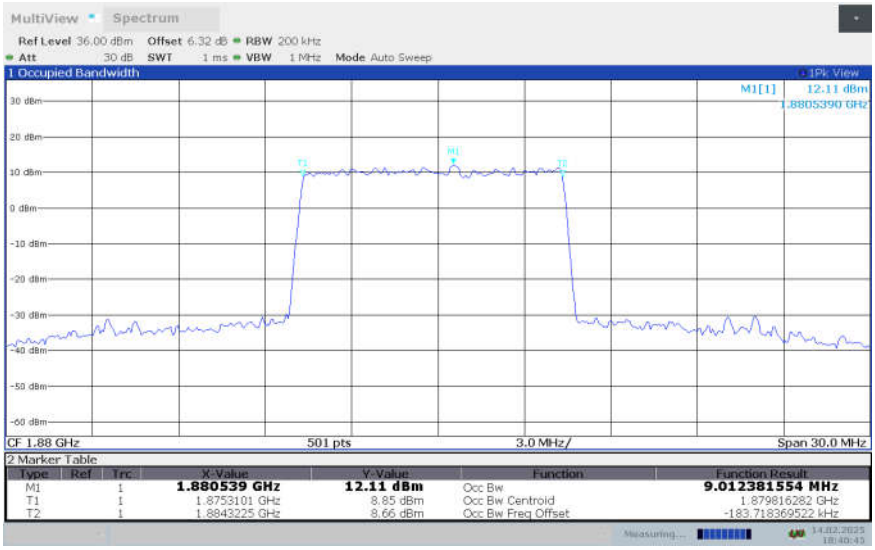


n2,10MHz Bandwidth,DFT-s-256QAM (99% OBW)



n2,10MHz Bandwidth,CP-QPSK (99% OBW)

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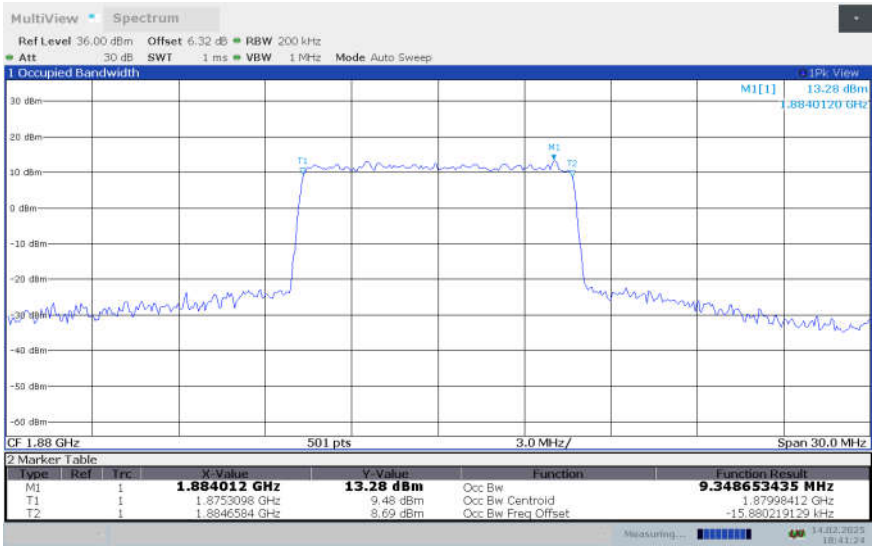
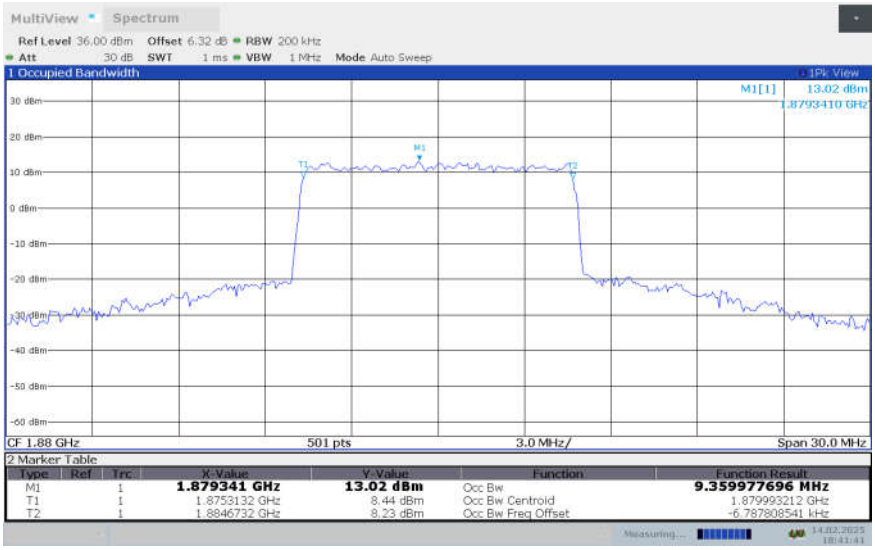


n2,10MHz Bandwidth,CP-16QAM (99% OBW)



n2,10MHz Bandwidth,CP-64QAM (99% OBW)

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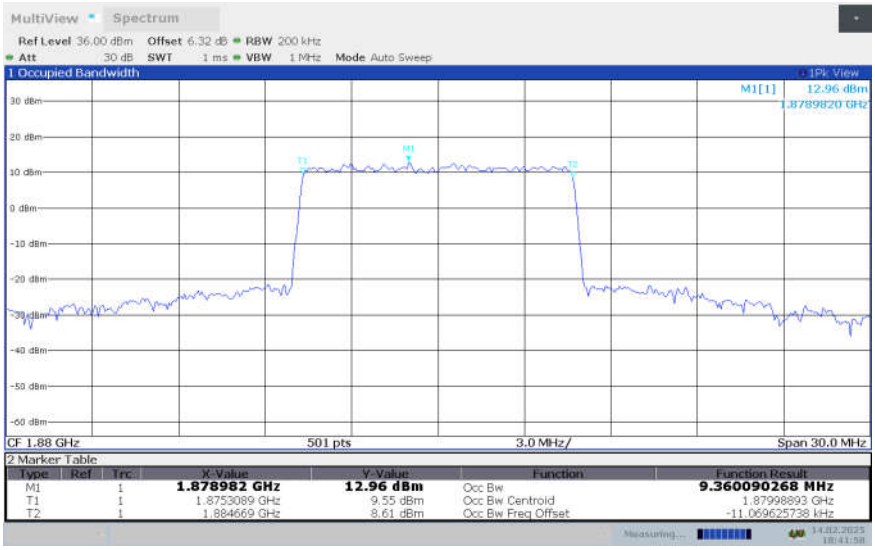
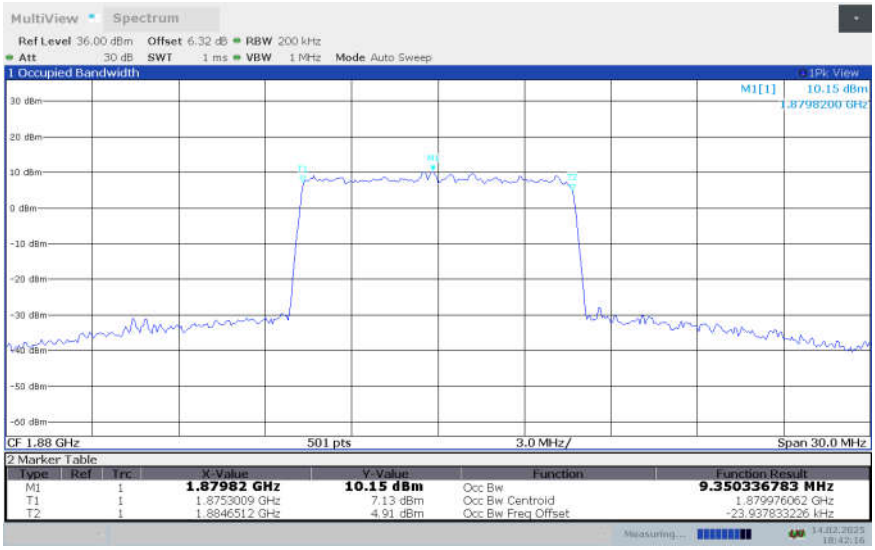


n2,10MHz Bandwidth,CP-256QAM (99% OBW)



n2,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)

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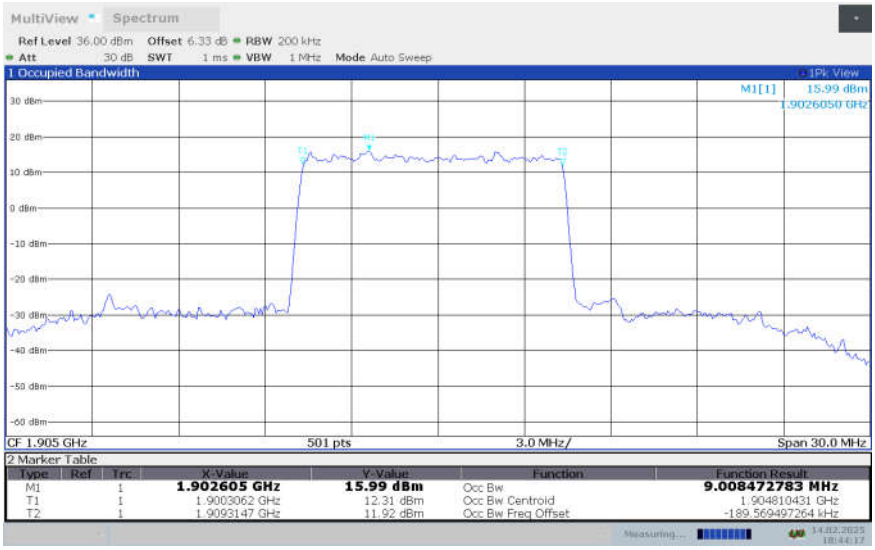
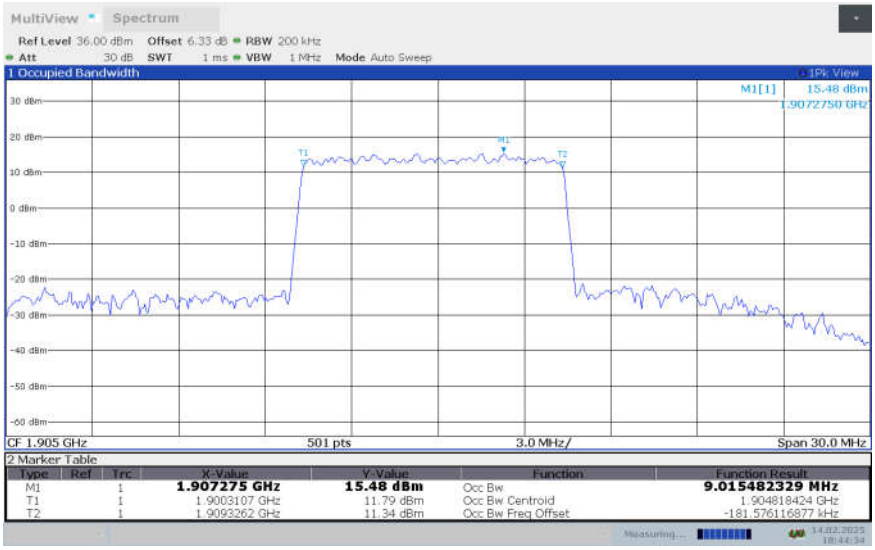


n2,10MHz Bandwidth,DFT-s-QPSK (99% OBW)



n2,10MHz Bandwidth,DFT-s-16QAM (99% OBW)

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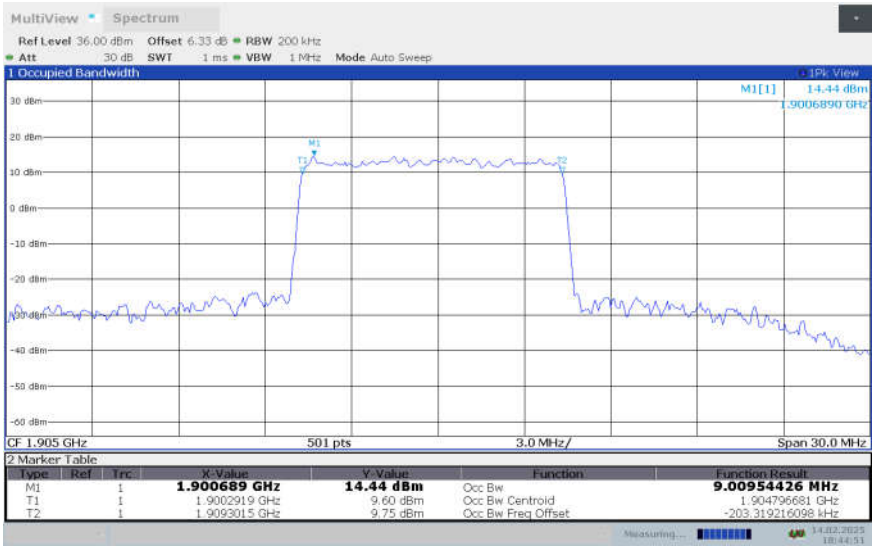
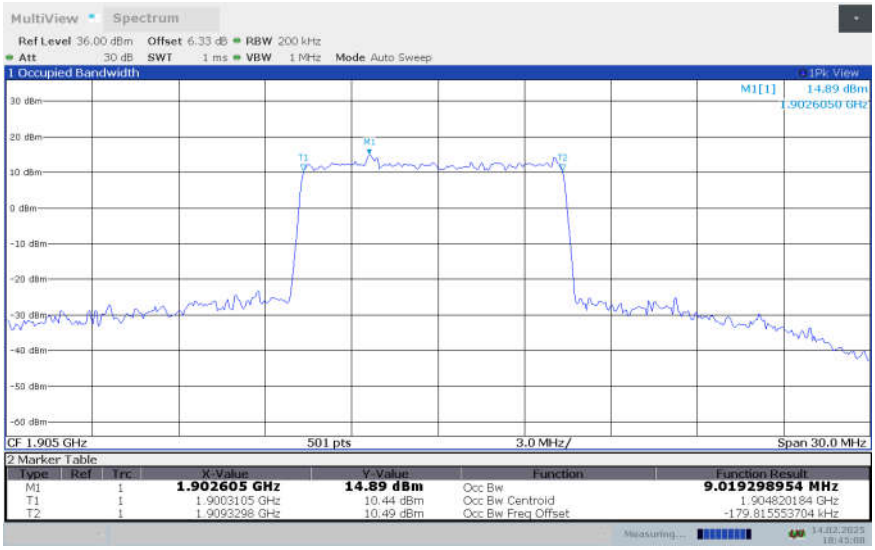


n2,10MHz Bandwidth,DFT-s-64QAM (99% OBW)



n2,10MHz Bandwidth,DFT-s-256QAM (99% OBW)

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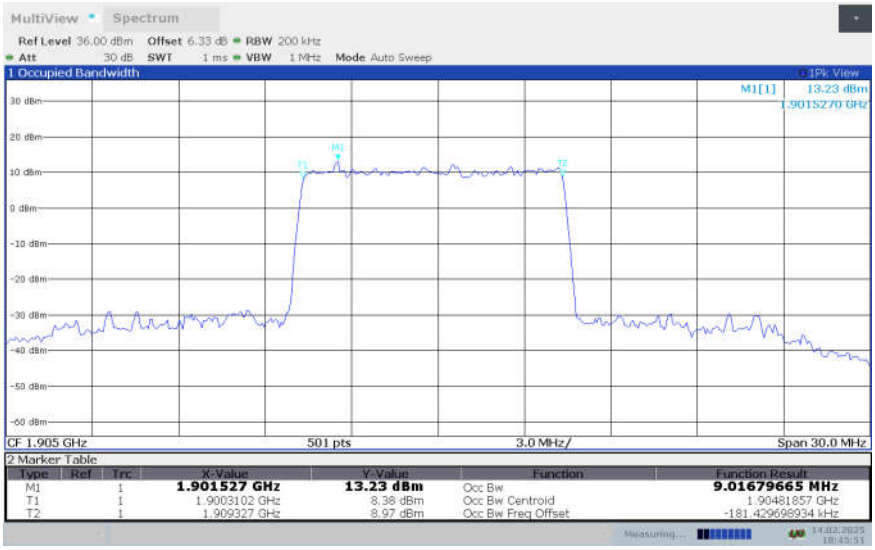
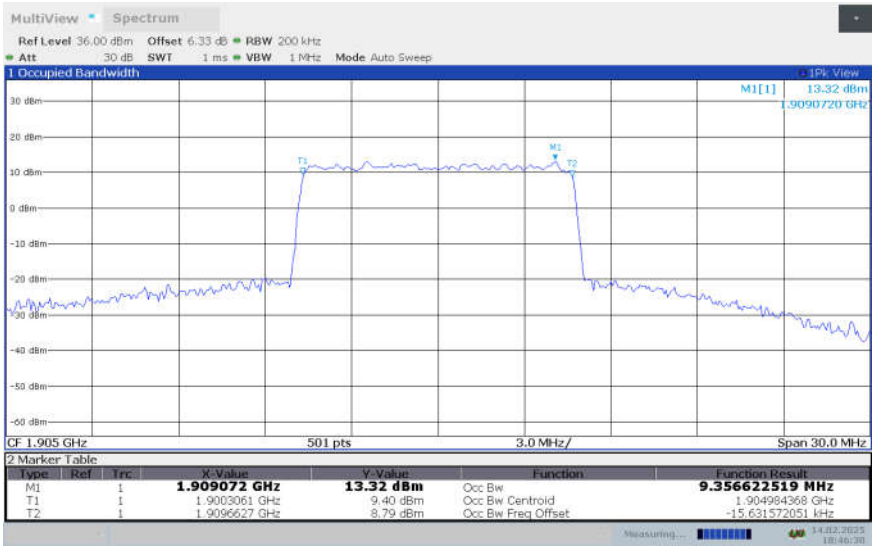


n2,10MHz Bandwidth,CP-QPSK (99% OBW)



n2,10MHz Bandwidth,CP-16QAM (99% OBW)

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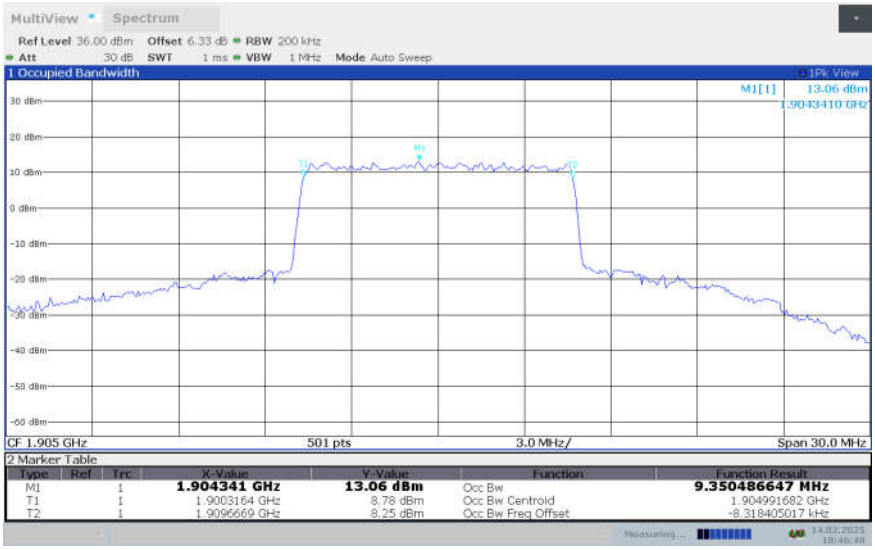
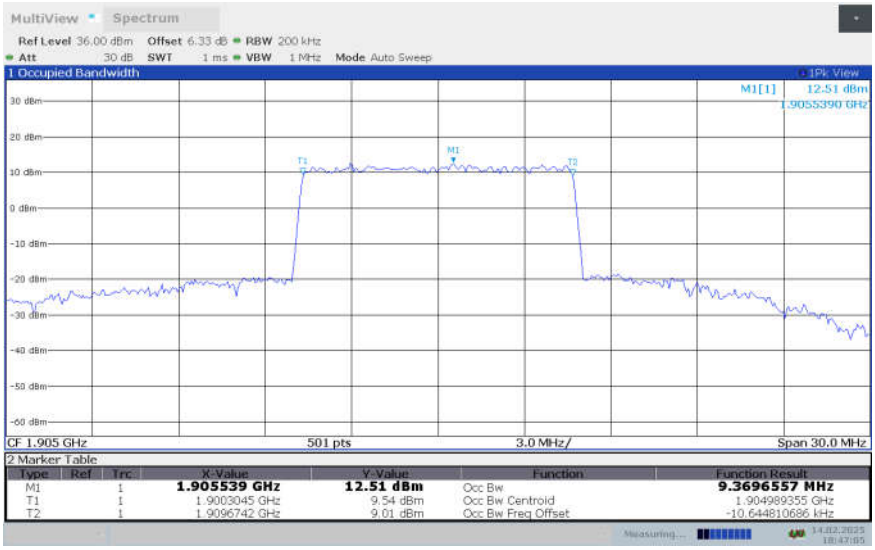


n2,10MHz Bandwidth,CP-64QAM (99% OBW)



n2,10MHz Bandwidth,CP-256QAM (99% OBW)

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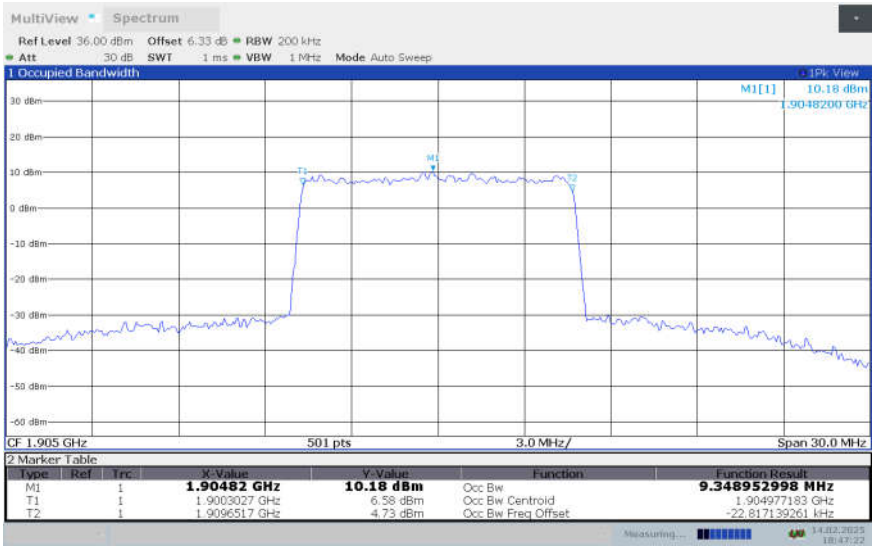

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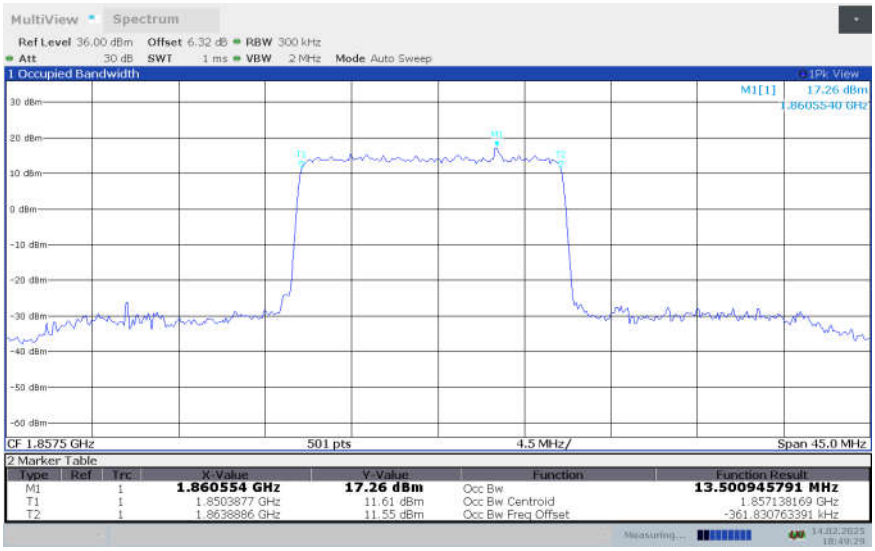
n2

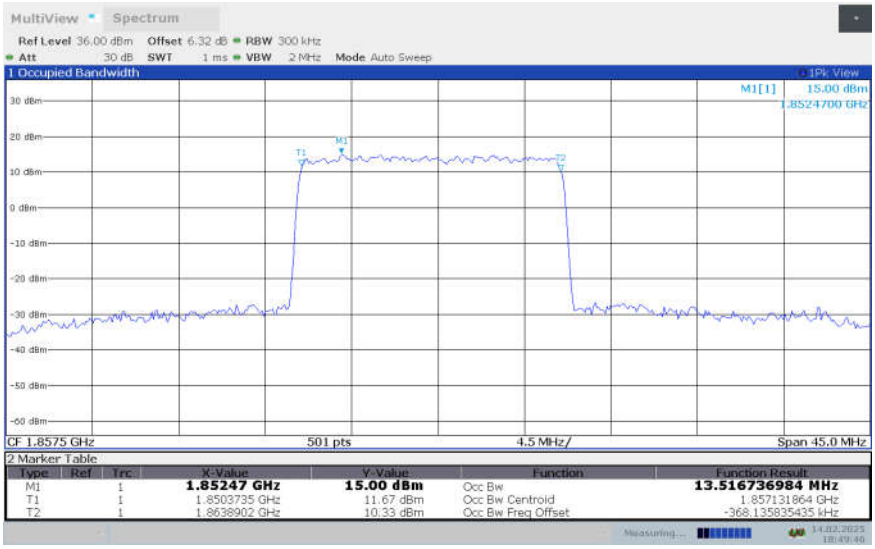
n2,15MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1857.5	13.501	13.517	13.498	13.472	13.515	14.201	14.213	14.213	14.189
1880	13.503	13.499	13.494	13.478	13.510	14.180	14.203	14.216	14.198
1902.5	13.505	13.478	13.505	13.483	13.500	14.209	14.185	14.220	14.203

n2,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)



n2,15MHz Bandwidth,DFT-s-QPSK (99% OBW)



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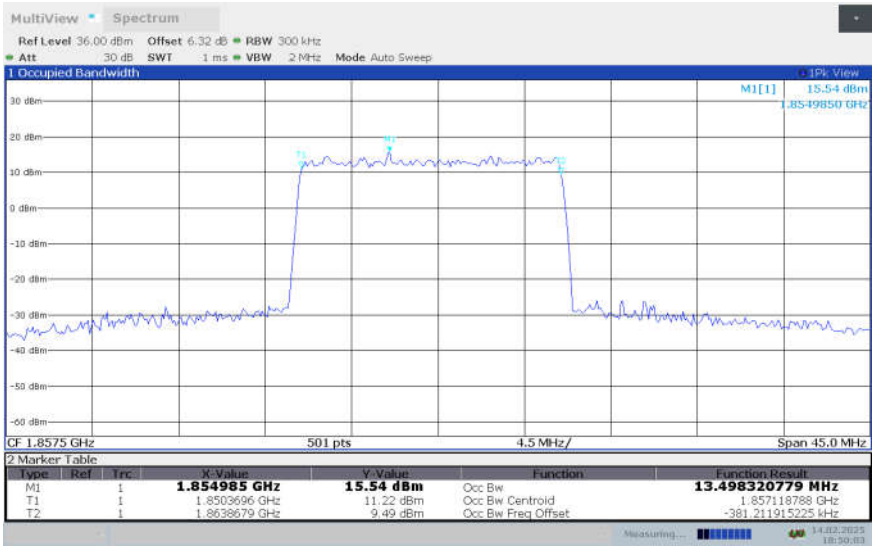
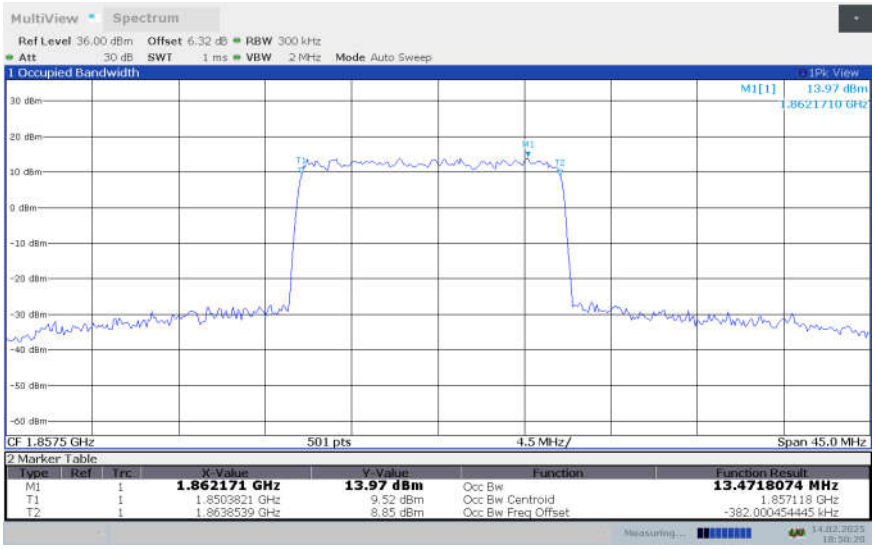
n2,15MHz Bandwidth,DFT-s-16QAM (99% OBW)



n2,15MHz Bandwidth,DFT-s-64QAM (99% OBW)



n2,15MHz Bandwidth,DFT-s-256QAM (99% OBW)

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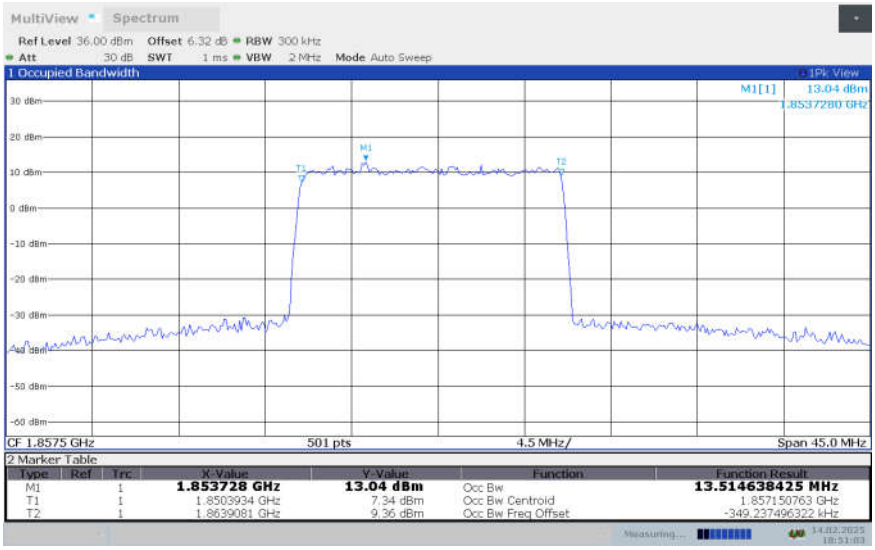
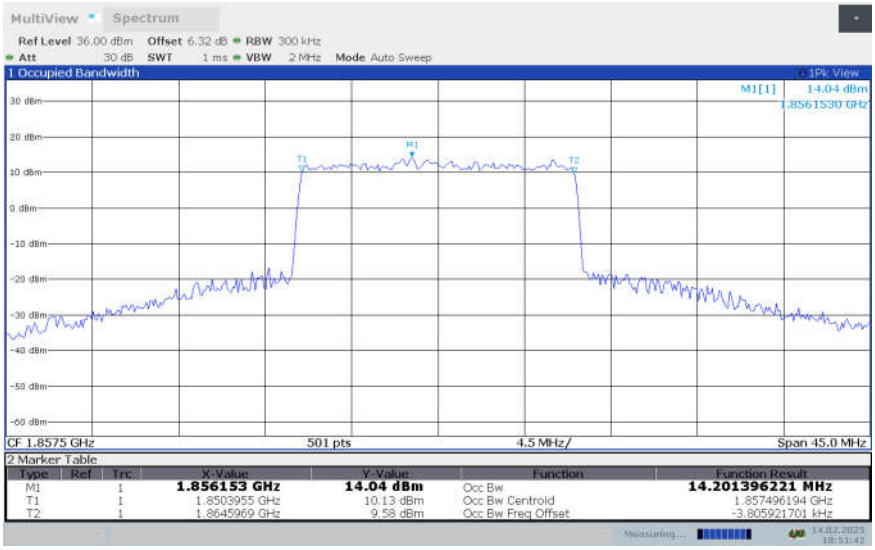


n2,15MHz Bandwidth,CP-QPSK (99% OBW)



n2,15MHz Bandwidth,CP-16QAM (99% OBW)

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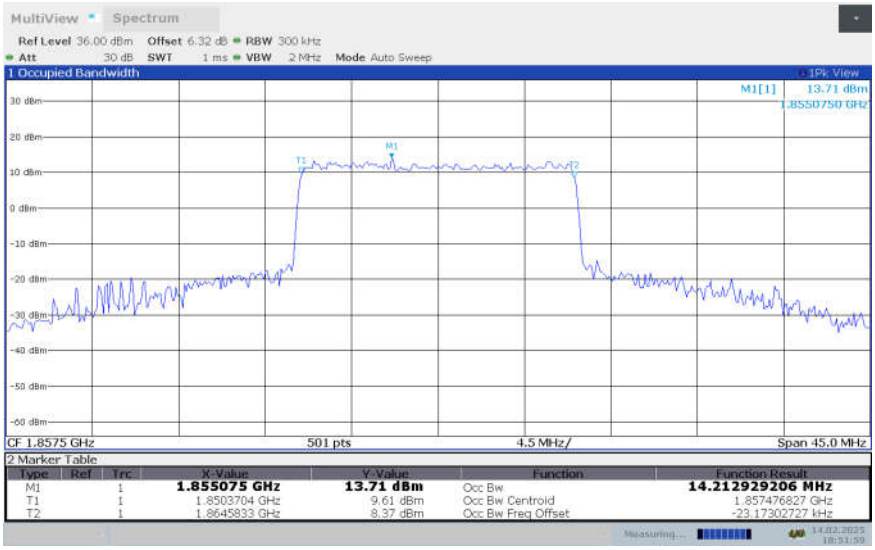
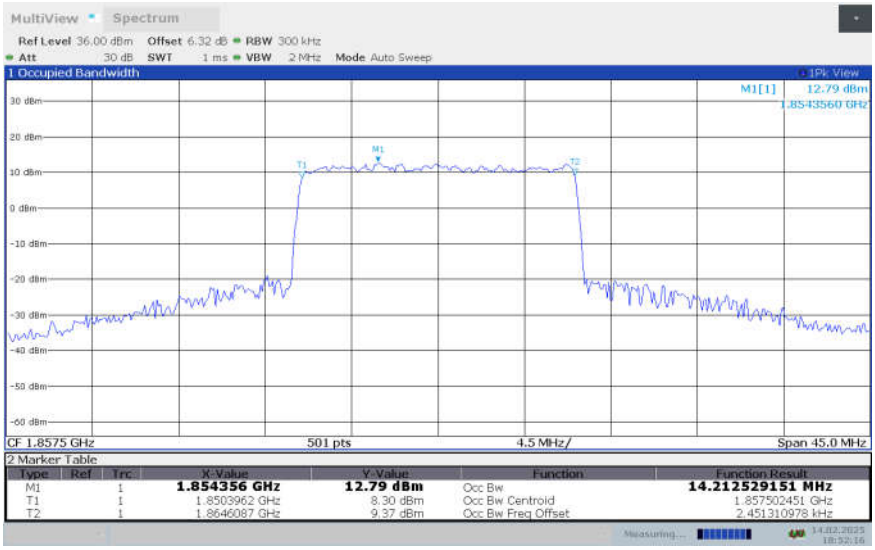


n2,15MHz Bandwidth,CP-64QAM (99% OBW)



n2,15MHz Bandwidth,CP-256QAM (99% OBW)

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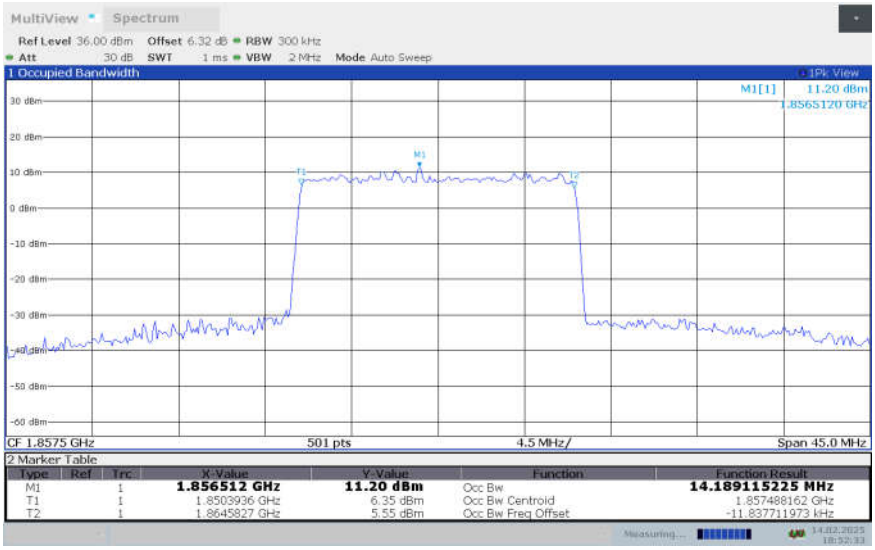
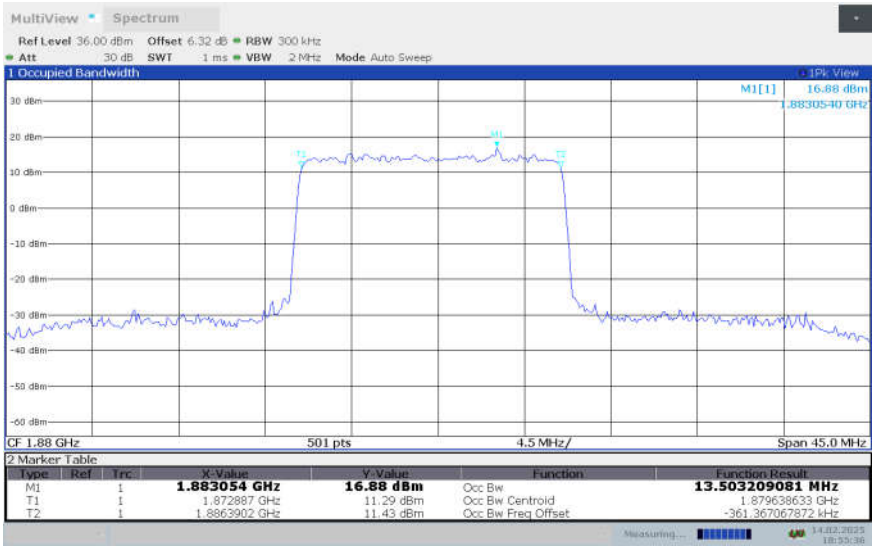


n2,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)



n2,15MHz Bandwidth,DFT-s-QPSK (99% OBW)

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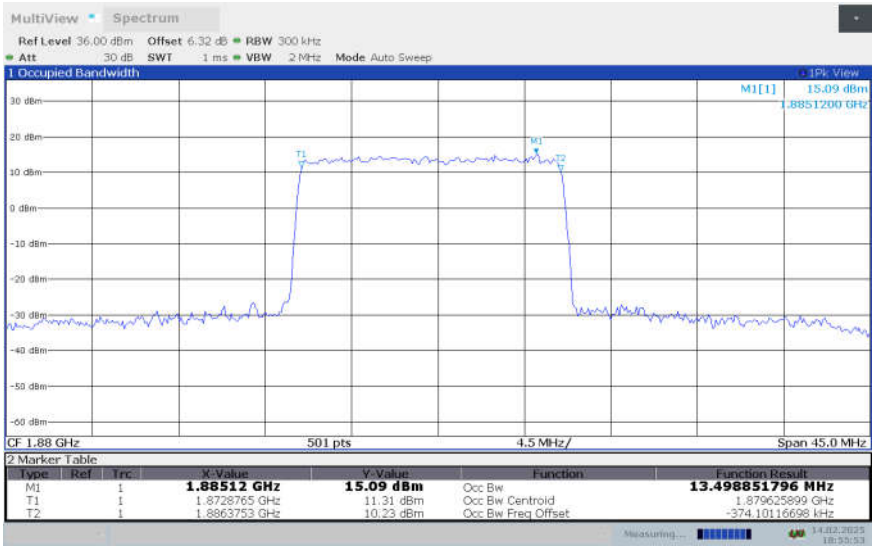
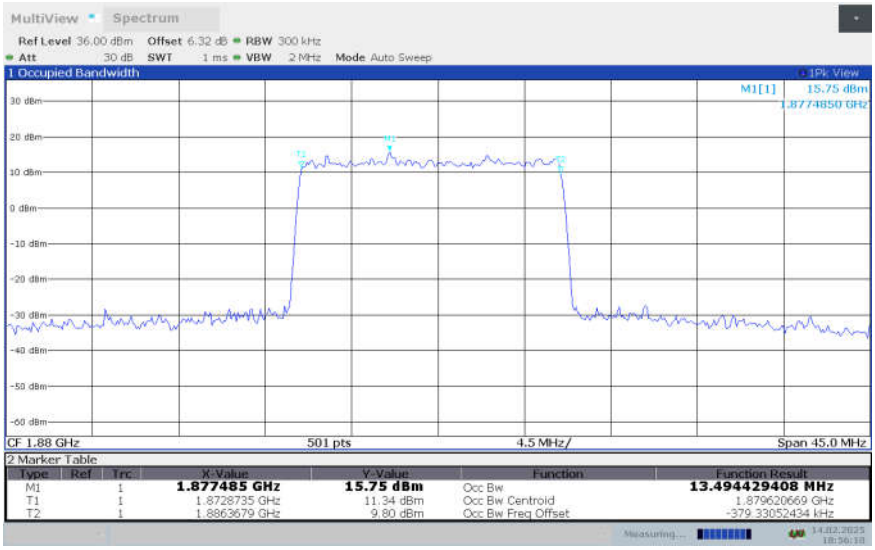


n2,15MHz Bandwidth,DFT-s-16QAM (99% OBW)



n2,15MHz Bandwidth,DFT-s-64QAM (99% OBW)

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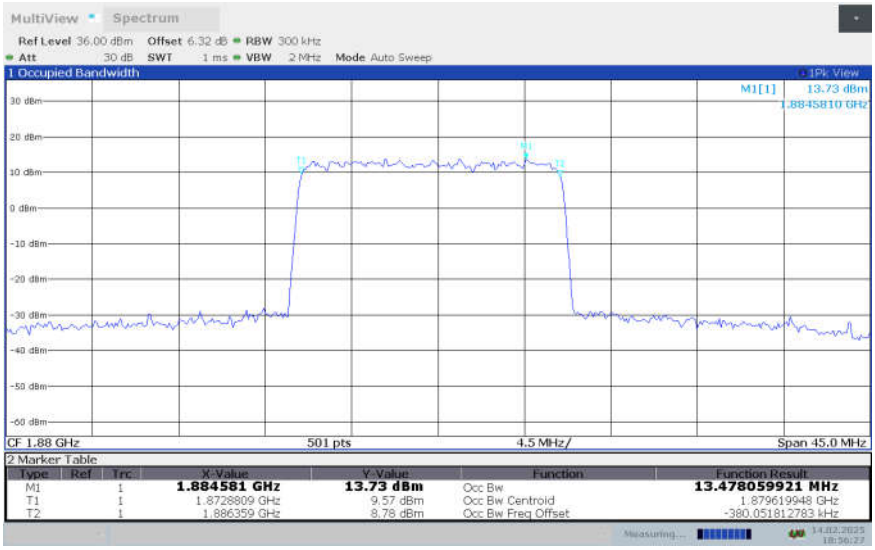
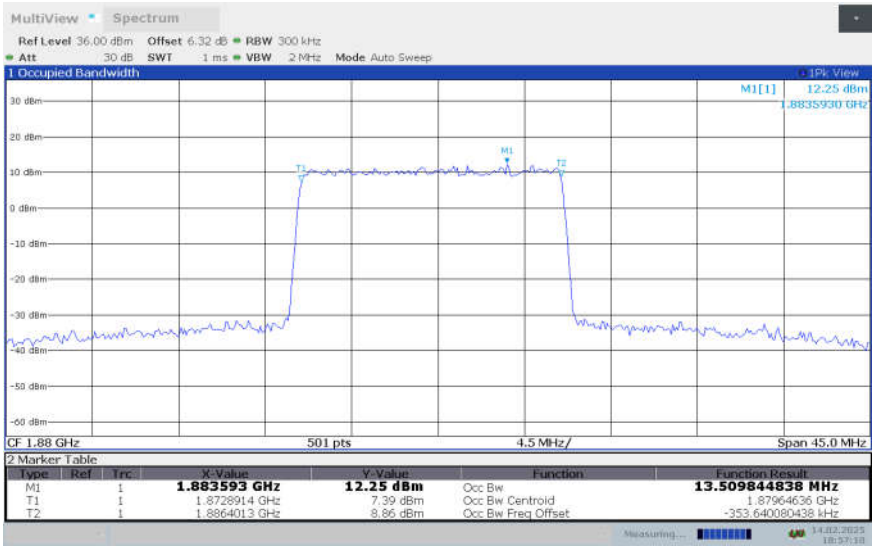


n2,15MHz Bandwidth,DFT-s-256QAM (99% OBW)



n2,15MHz Bandwidth,CP-QPSK (99% OBW)

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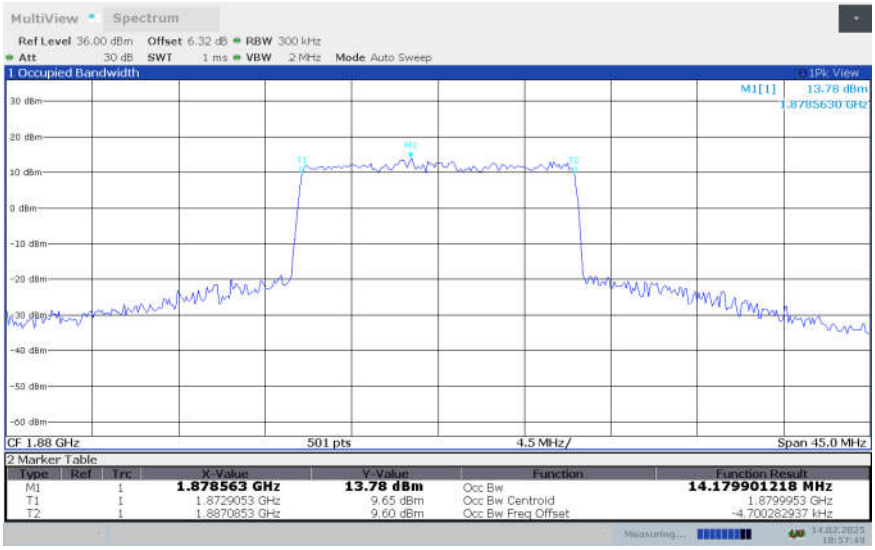
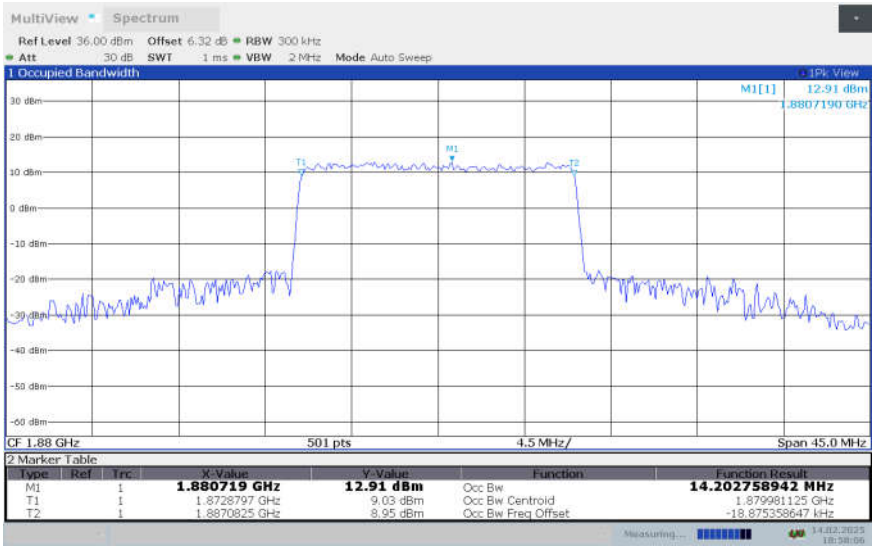


n2,15MHz Bandwidth,CP-16QAM (99% OBW)



n2,15MHz Bandwidth,CP-64QAM (99% OBW)

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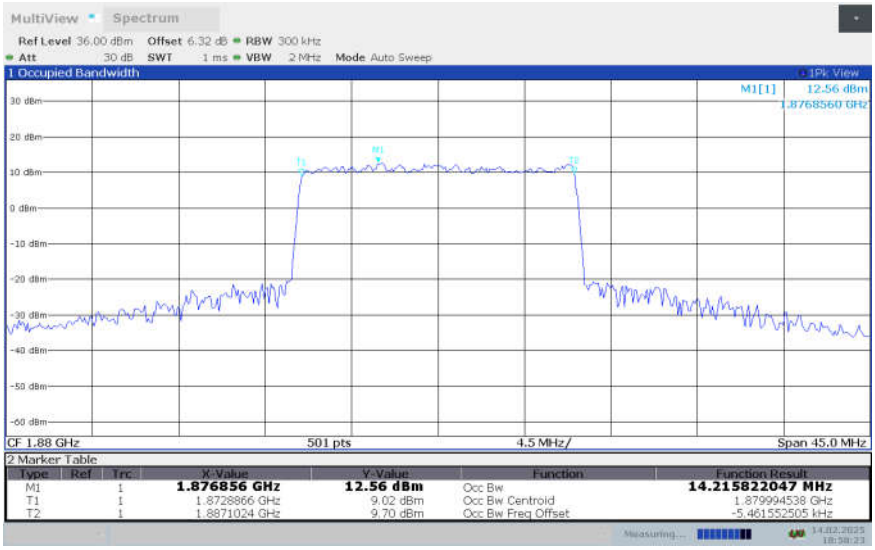

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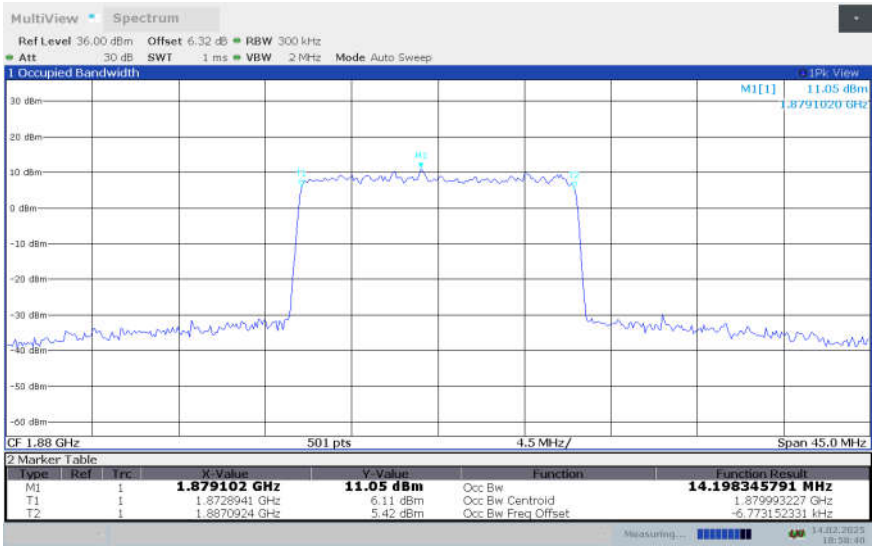

n2,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)

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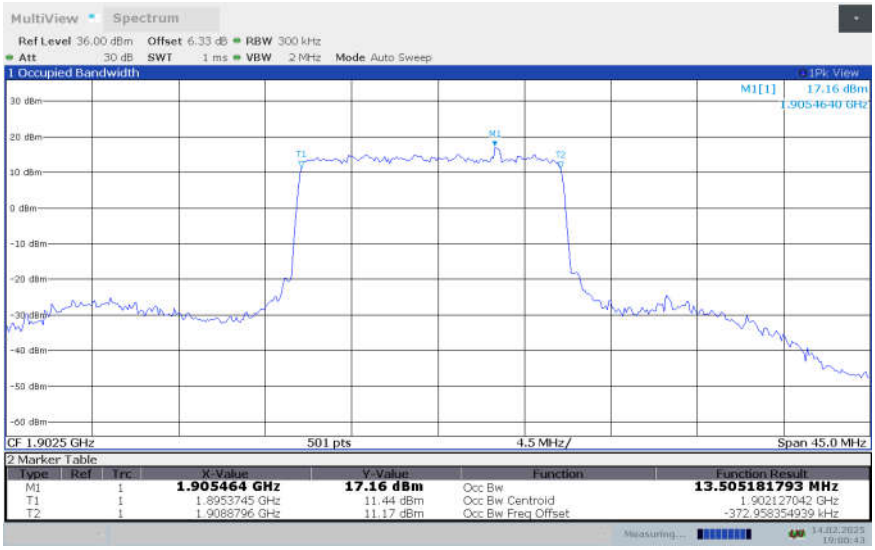
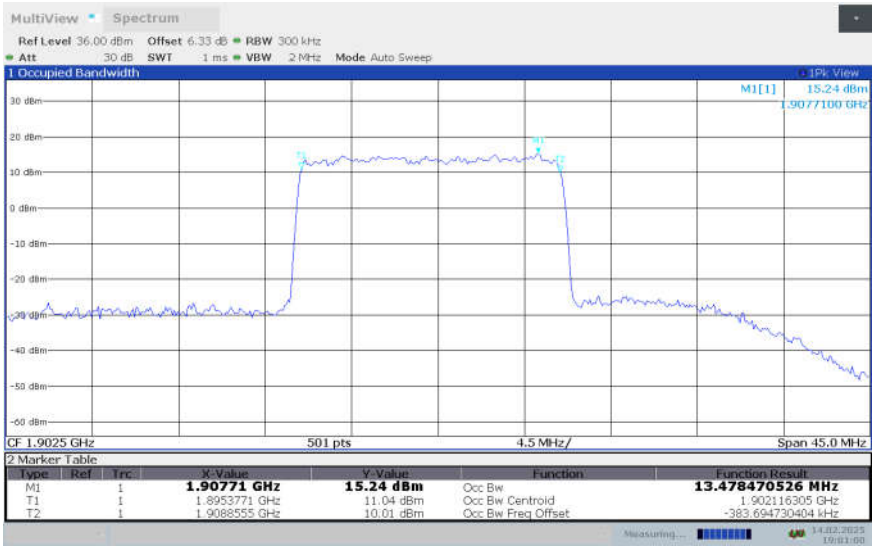


n2,15MHz Bandwidth,DFT-s-QPSK (99% OBW)



n2,15MHz Bandwidth,DFT-s-16QAM (99% OBW)

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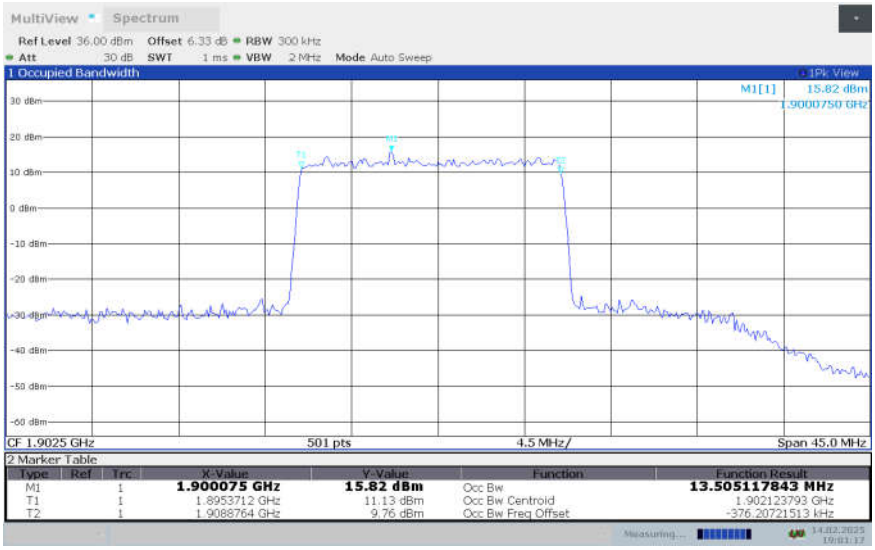
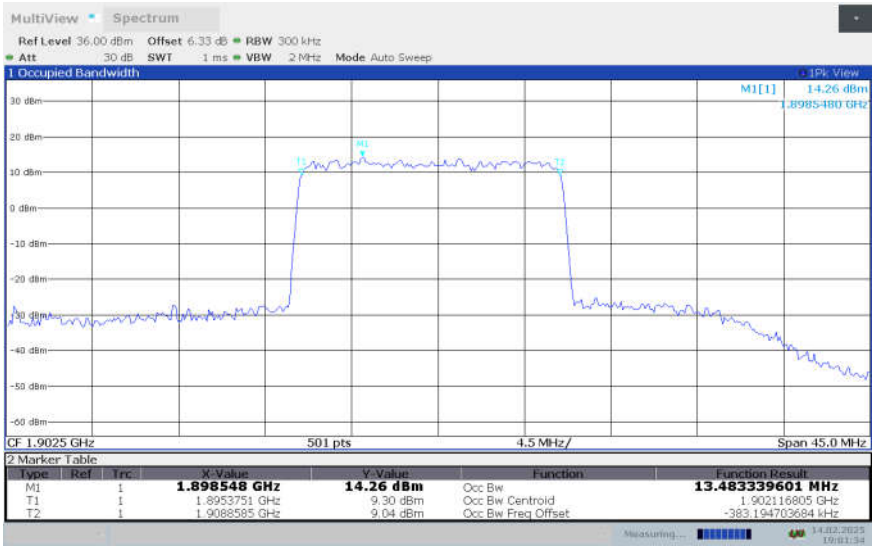


n2,15MHz Bandwidth,DFT-s-64QAM (99% OBW)



n2,15MHz Bandwidth,DFT-s-256QAM (99% OBW)

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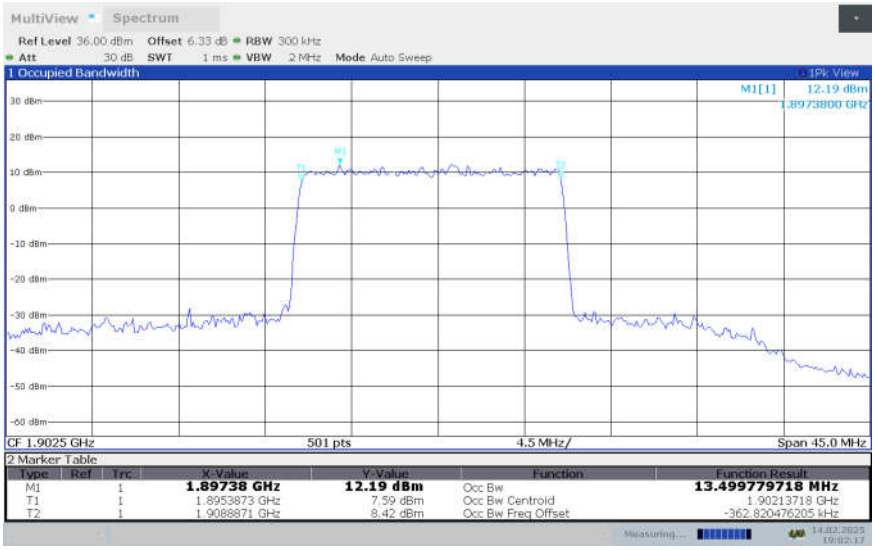
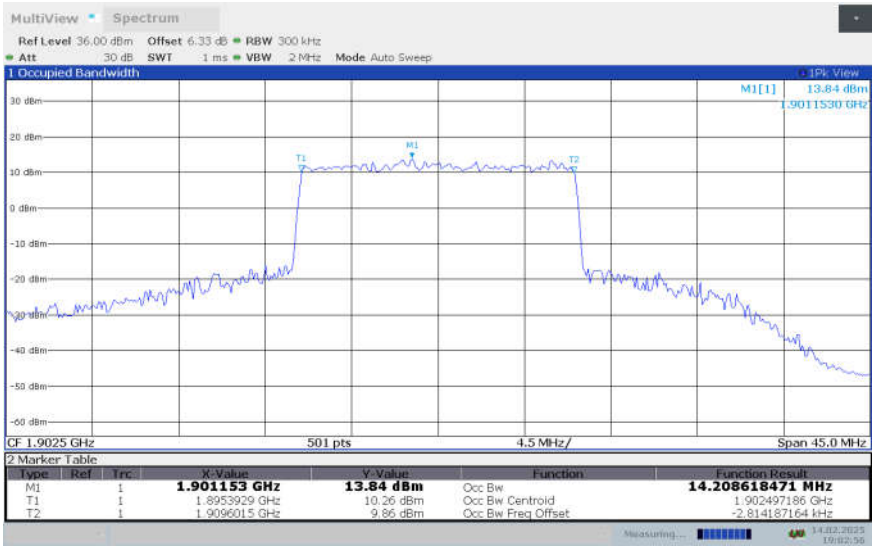


n2,15MHz Bandwidth,CP-QPSK (99% OBW)



n2,15MHz Bandwidth,CP-16QAM (99% OBW)

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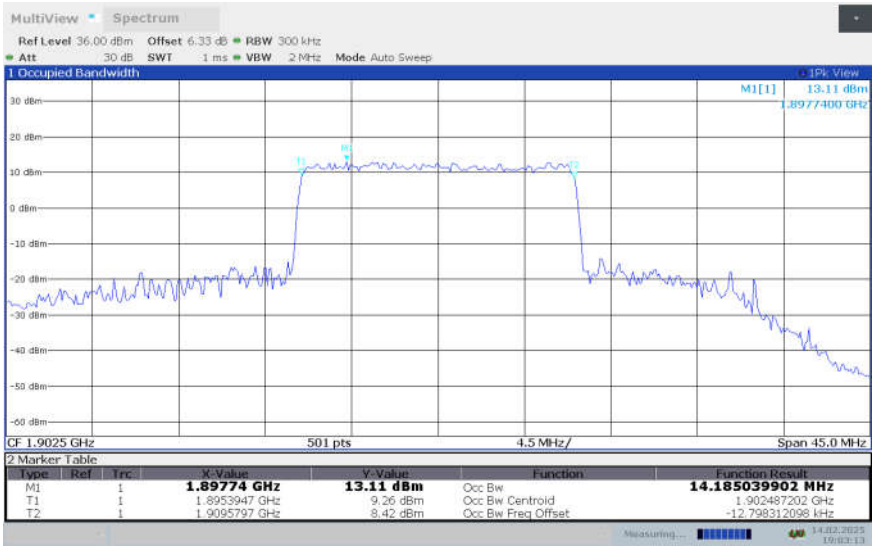
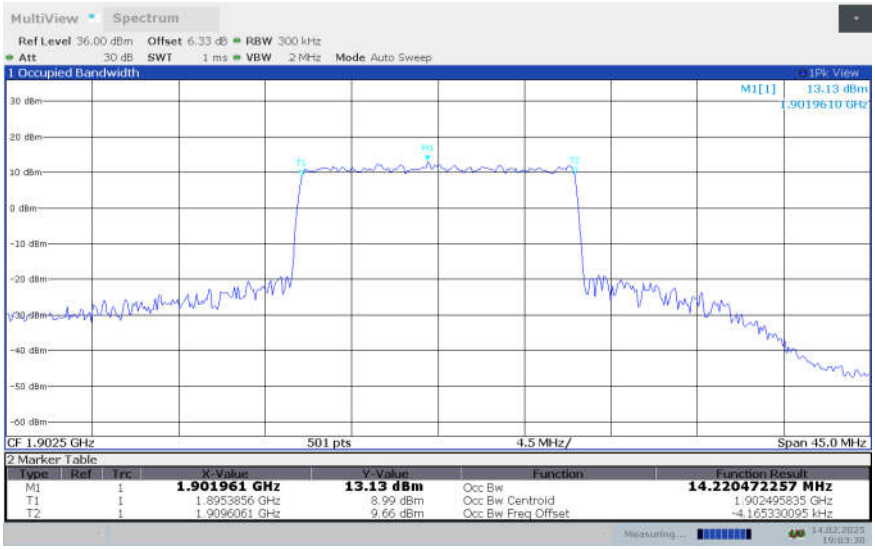


n2,15MHz Bandwidth,CP-64QAM (99% OBW)



n2,15MHz Bandwidth,CP-256QAM (99% OBW)

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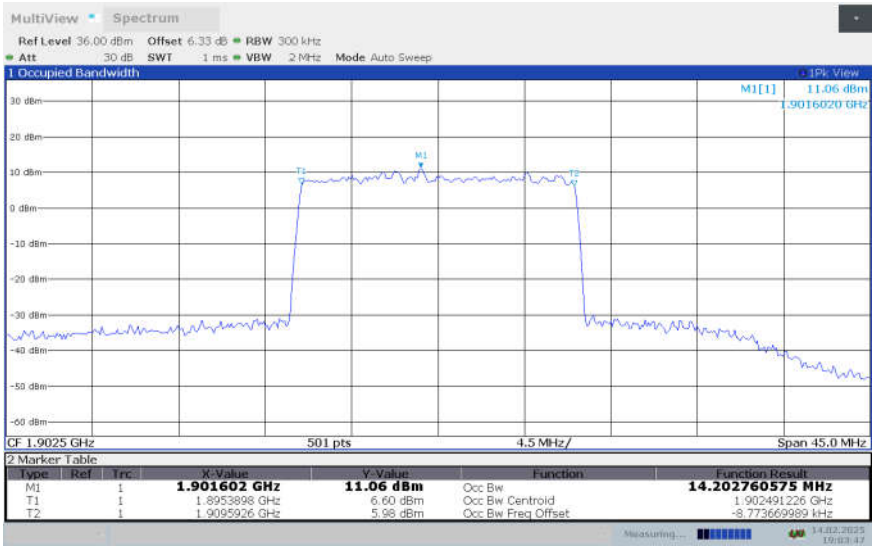

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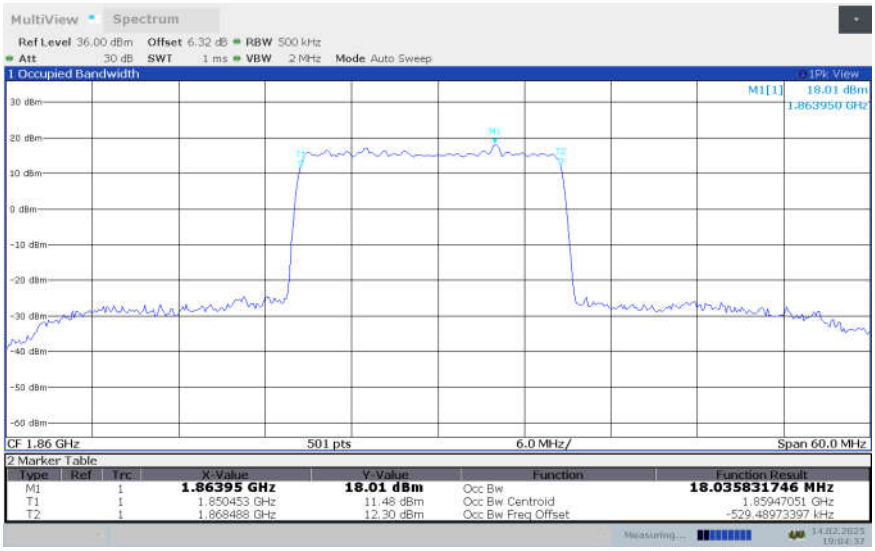
n2

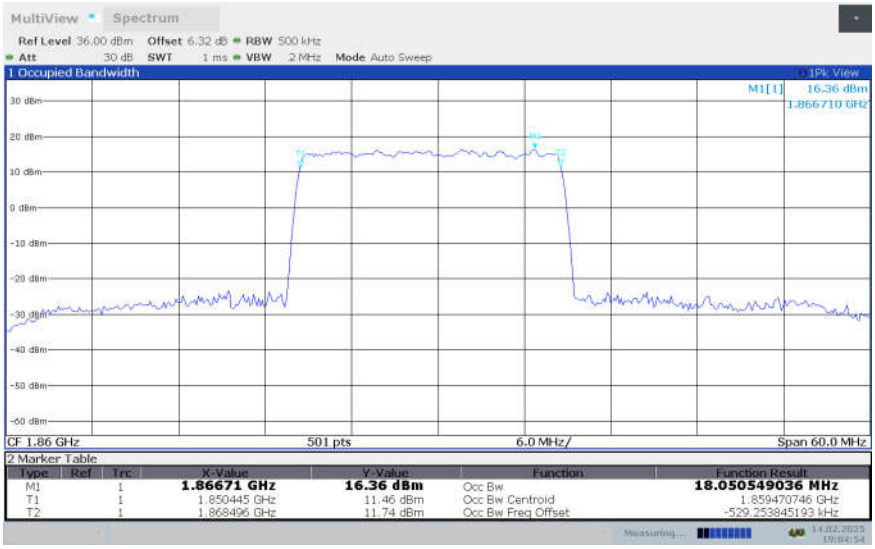
n2,20MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
1860	18.036	18.051	17.999	18.068	18.043	19.130	19.195	19.086	19.102
1880	18.043	18.050	18.010	18.074	18.059	19.140	19.187	19.080	19.107
1900	18.043	18.054	18.007	18.080	18.044	19.159	19.199	19.107	19.102

n2,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)



n2,20MHz Bandwidth,DFT-s-QPSK (99% OBW)



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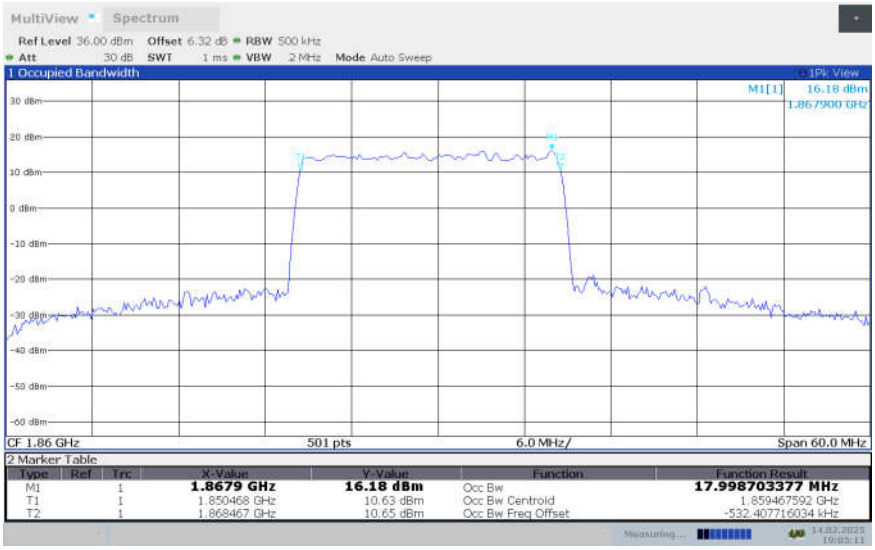
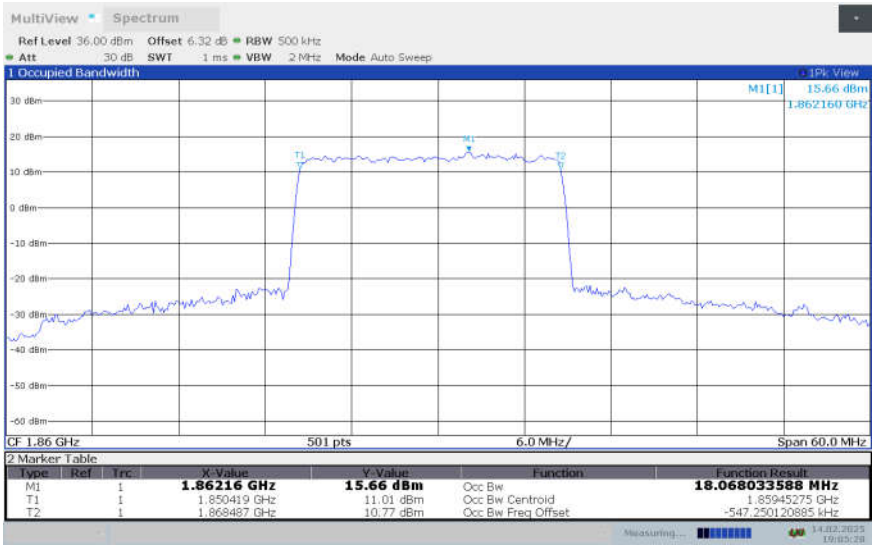
n2,20MHz Bandwidth,DFT-s-16QAM (99% OBW)



n2,20MHz Bandwidth,DFT-s-64QAM (99% OBW)



n2,20MHz Bandwidth,DFT-s-256QAM (99% OBW)

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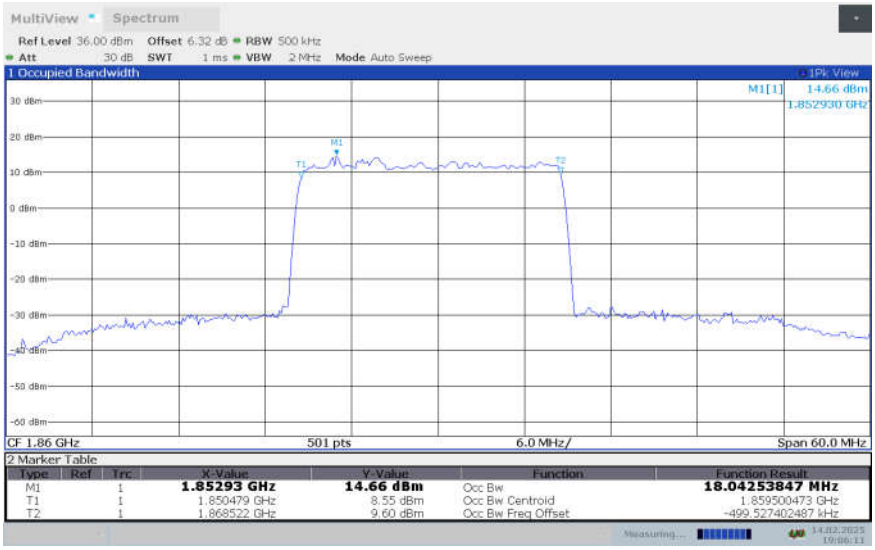
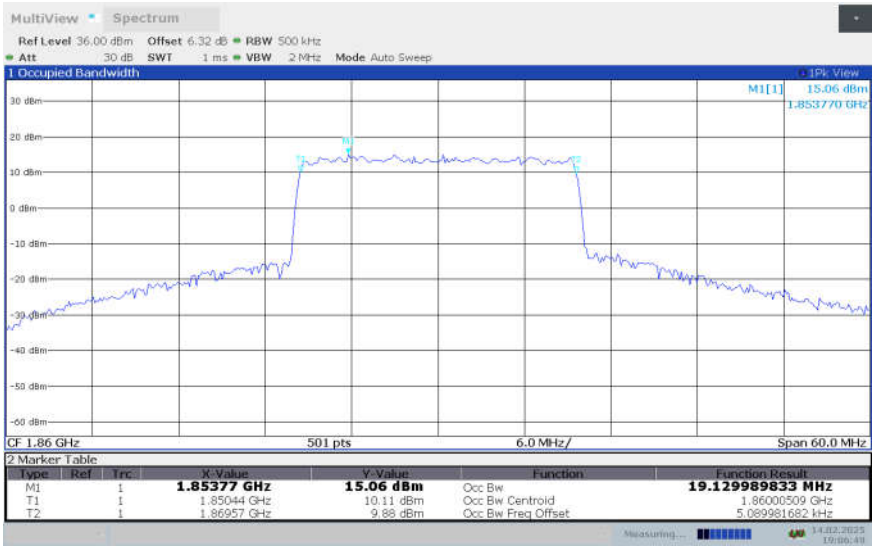


n2,20MHz Bandwidth,CP-QPSK (99% OBW)



n2,20MHz Bandwidth,CP-16QAM (99% OBW)

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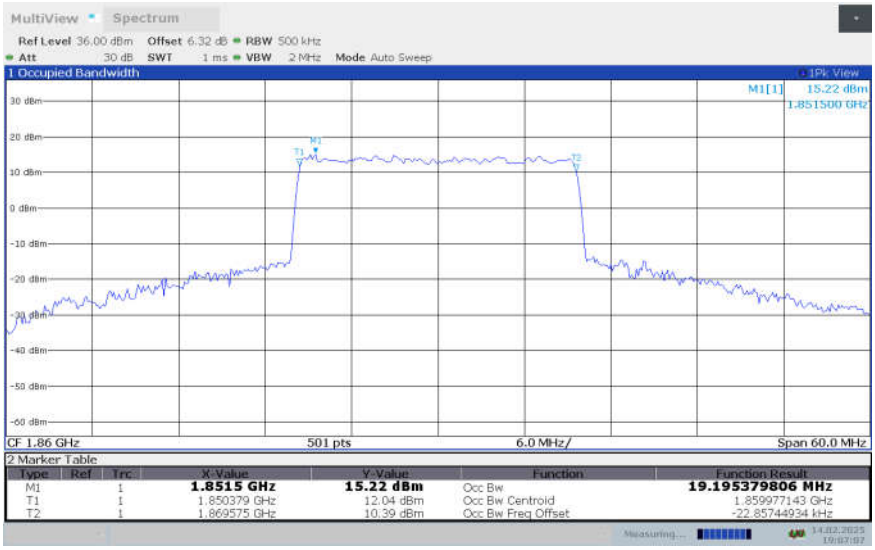
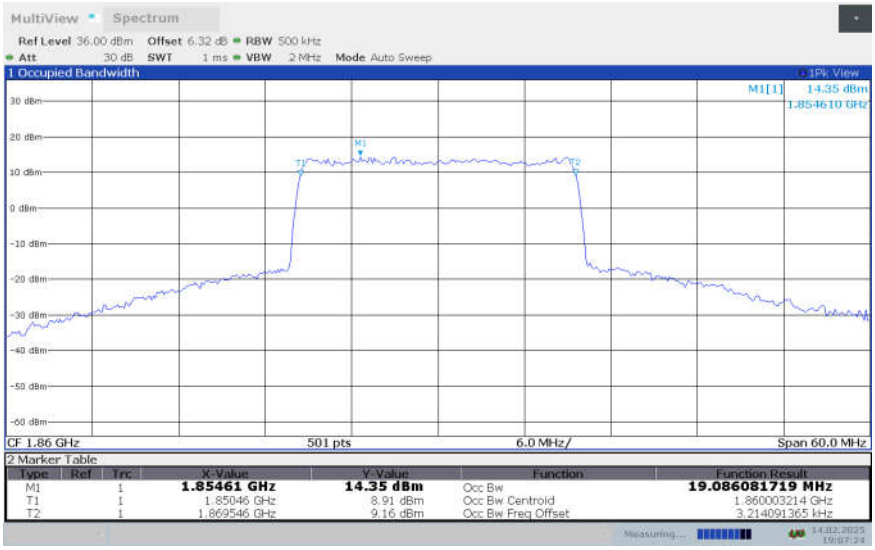


n2,20MHz Bandwidth,CP-64QAM (99% OBW)



n2,20MHz Bandwidth,CP-256QAM (99% OBW)

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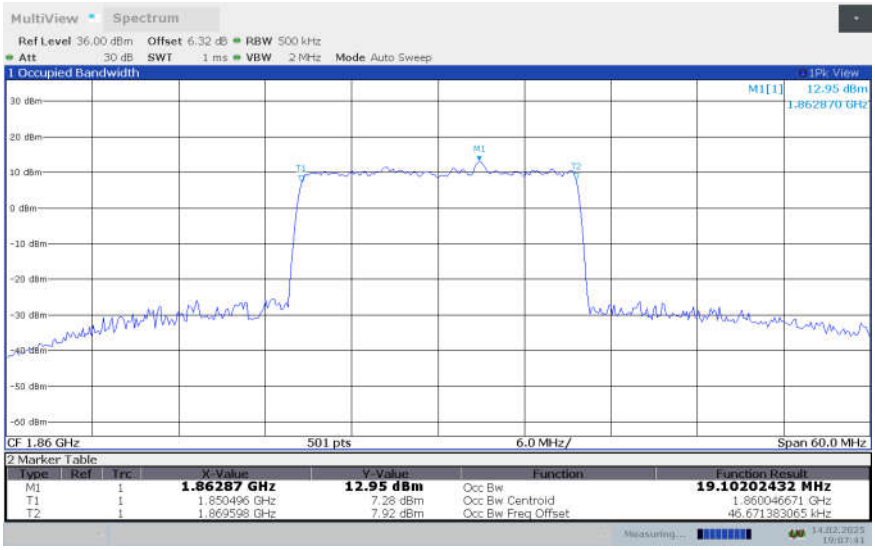
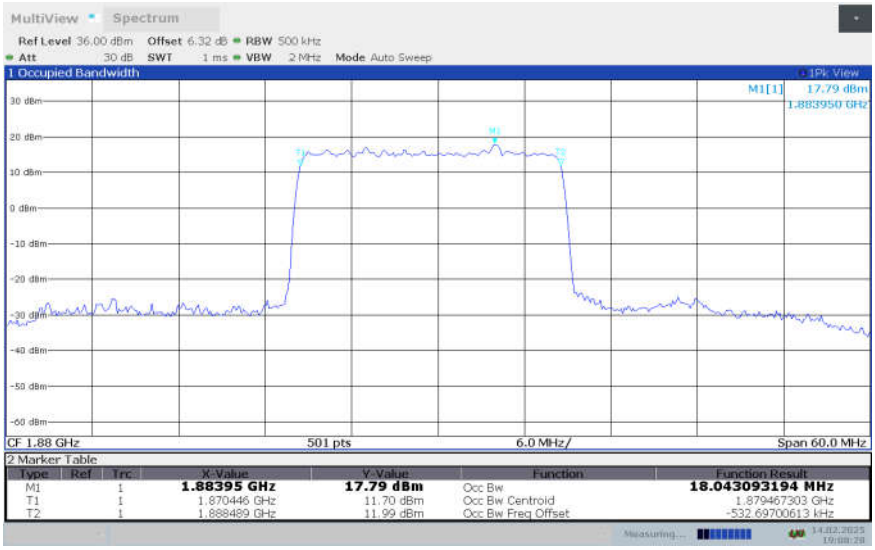


n2,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)



n2,20MHz Bandwidth,DFT-s-QPSK (99% OBW)

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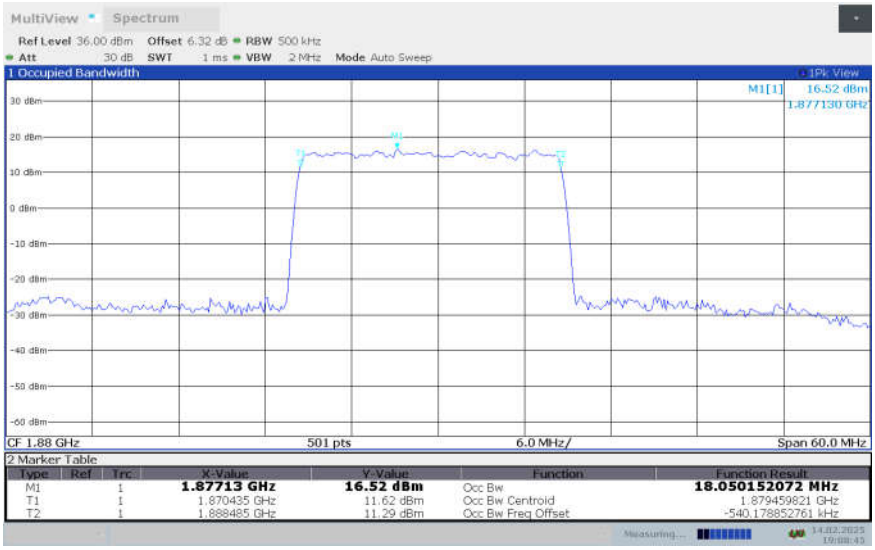
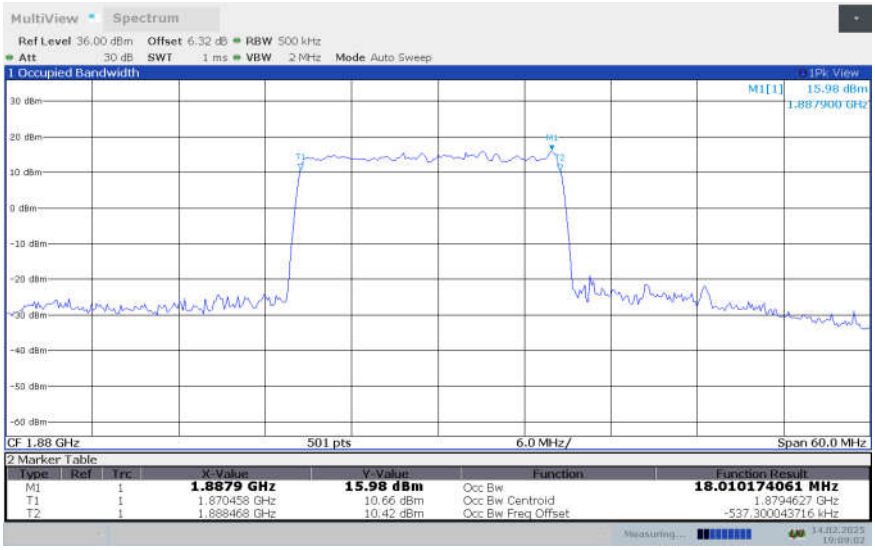


n2,20MHz Bandwidth,DFT-s-16QAM (99% OBW)



n2,20MHz Bandwidth,DFT-s-64QAM (99% OBW)

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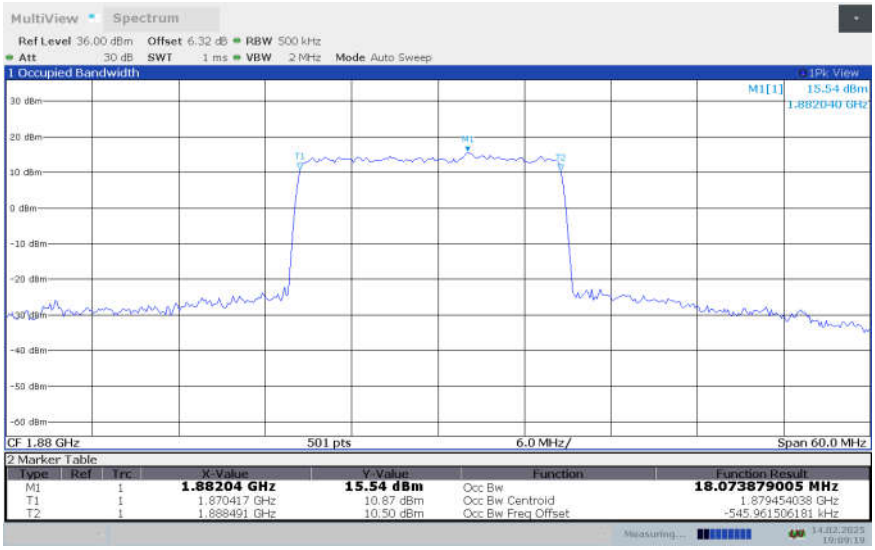
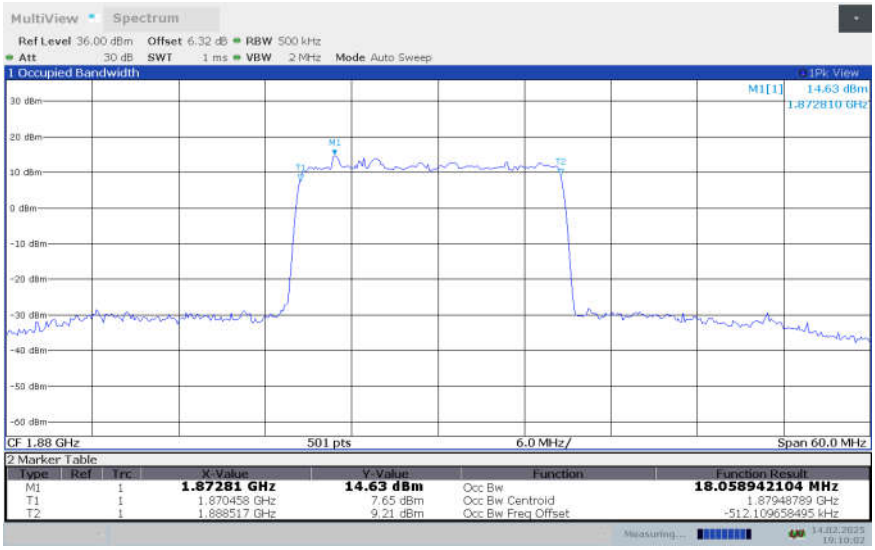


n2,20MHz Bandwidth,DFT-s-256QAM (99% OBW)



n2,20MHz Bandwidth,CP-QPSK (99% OBW)

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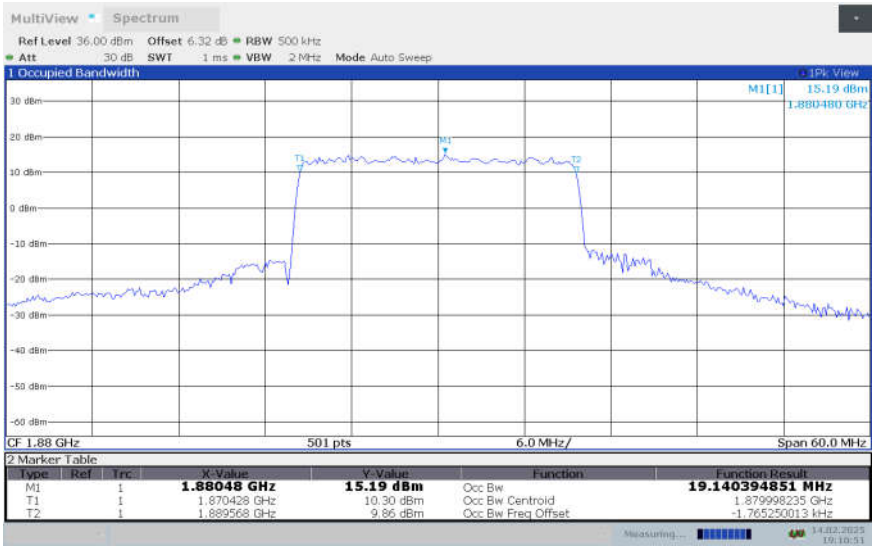
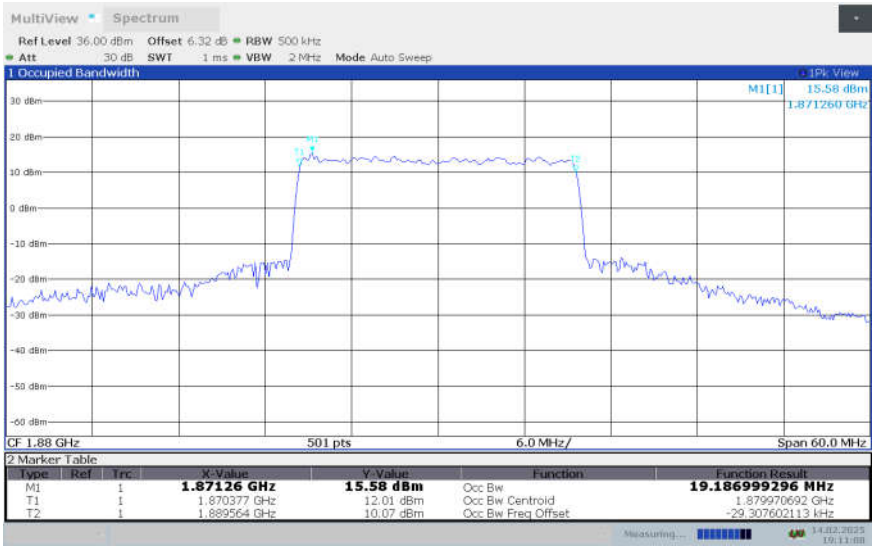


n2,20MHz Bandwidth,CP-16QAM (99% OBW)



n2,20MHz Bandwidth,CP-64QAM (99% OBW)

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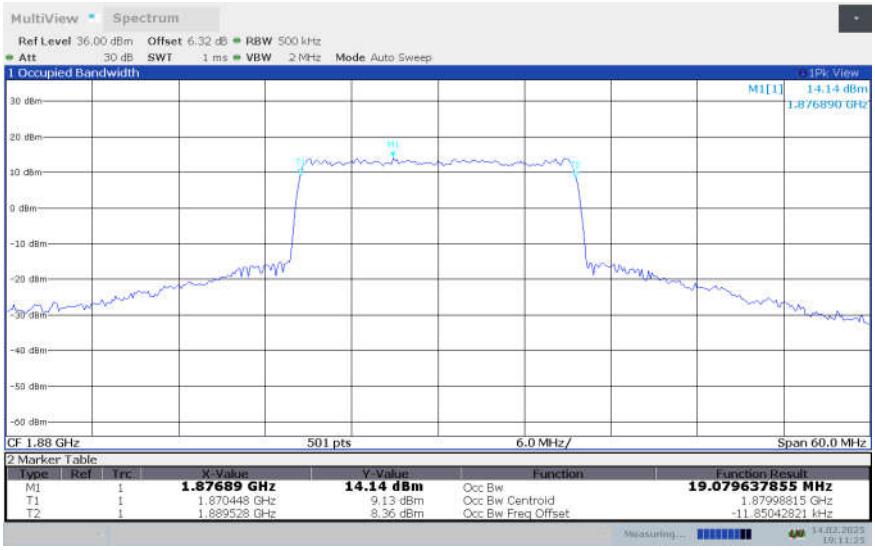

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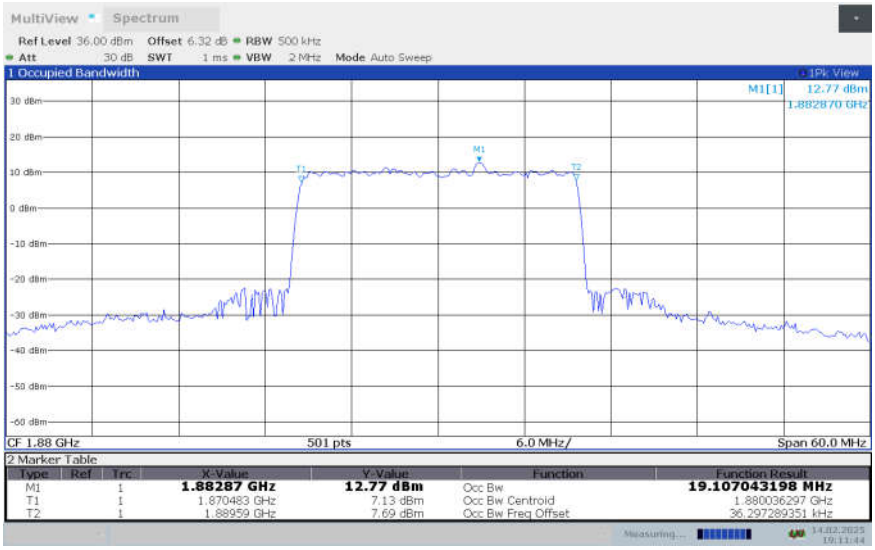

n2,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)

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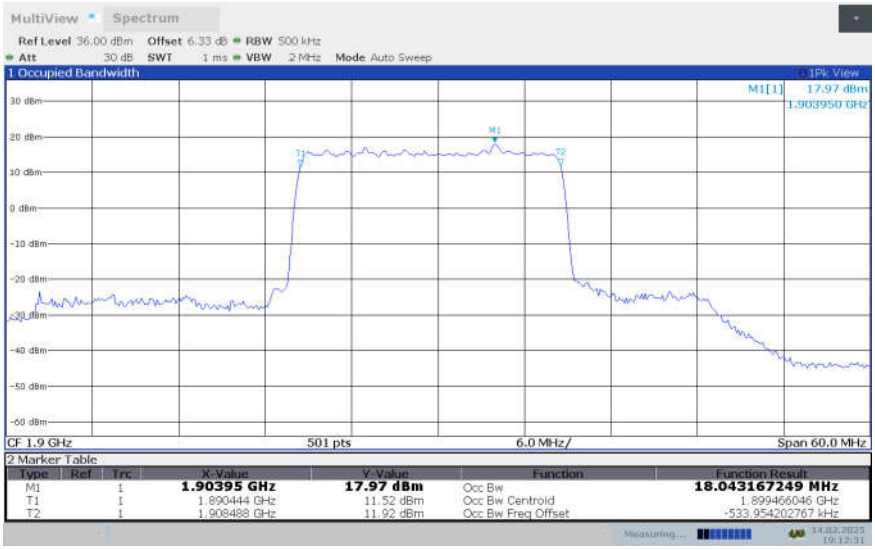
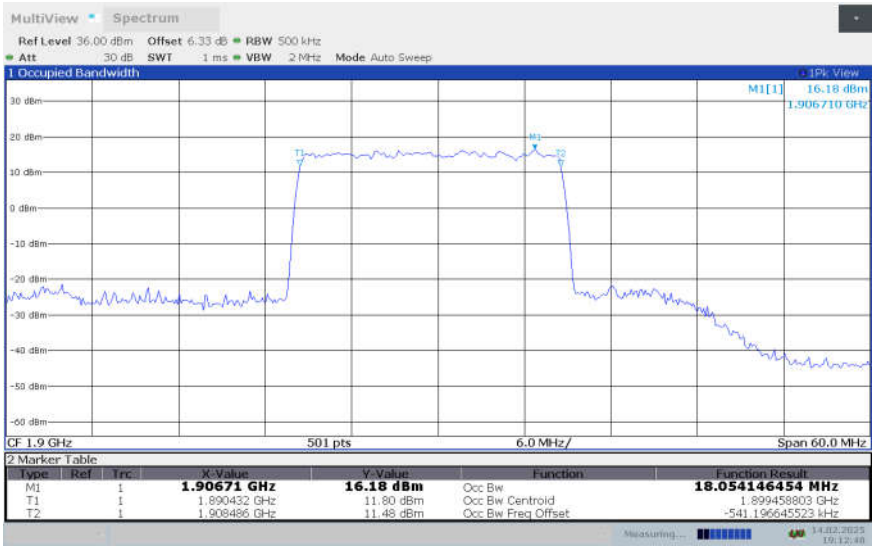


n2,20MHz Bandwidth,DFT-s-QPSK (99% OBW)



n2,20MHz Bandwidth,DFT-s-16QAM (99% OBW)

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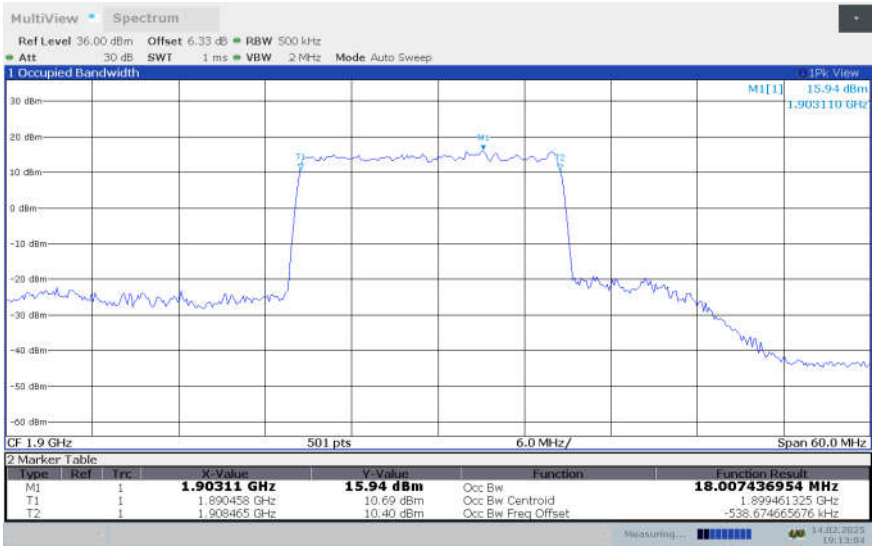
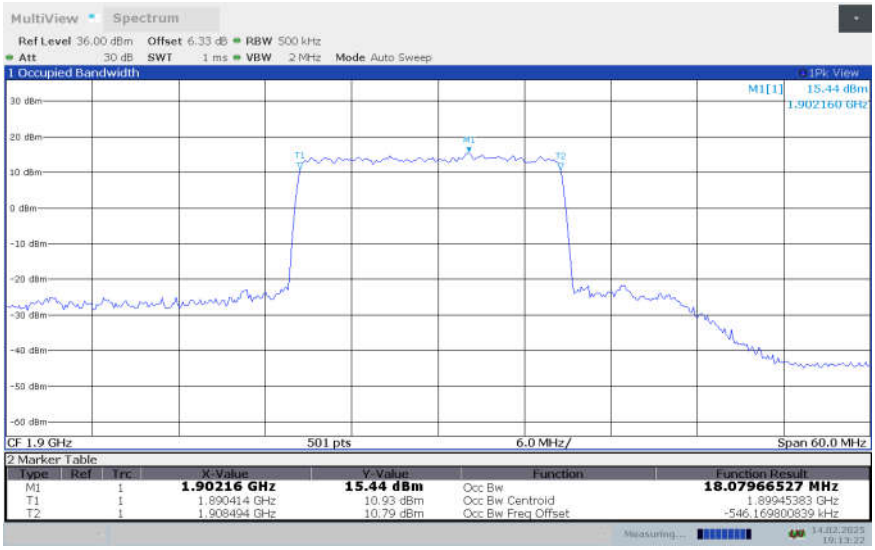


n2,20MHz Bandwidth,DFT-s-64QAM (99% OBW)



n2,20MHz Bandwidth,DFT-s-256QAM (99% OBW)

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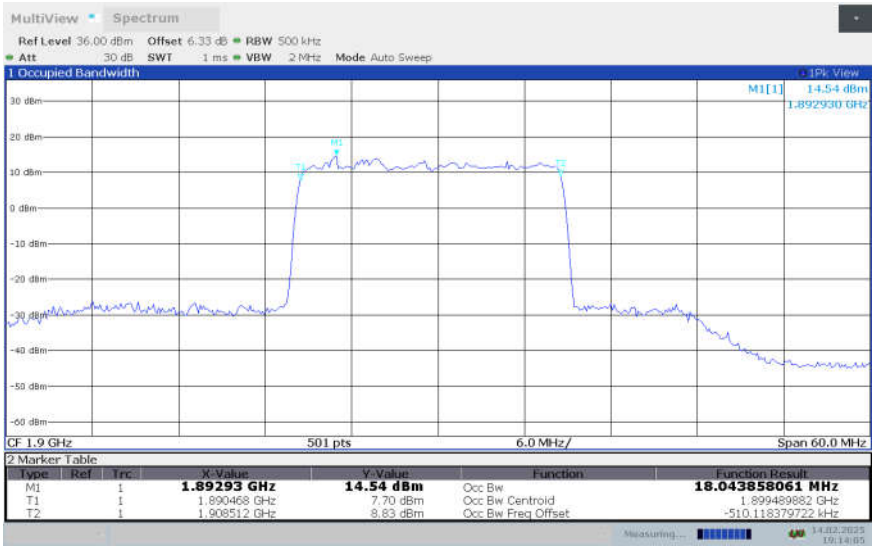
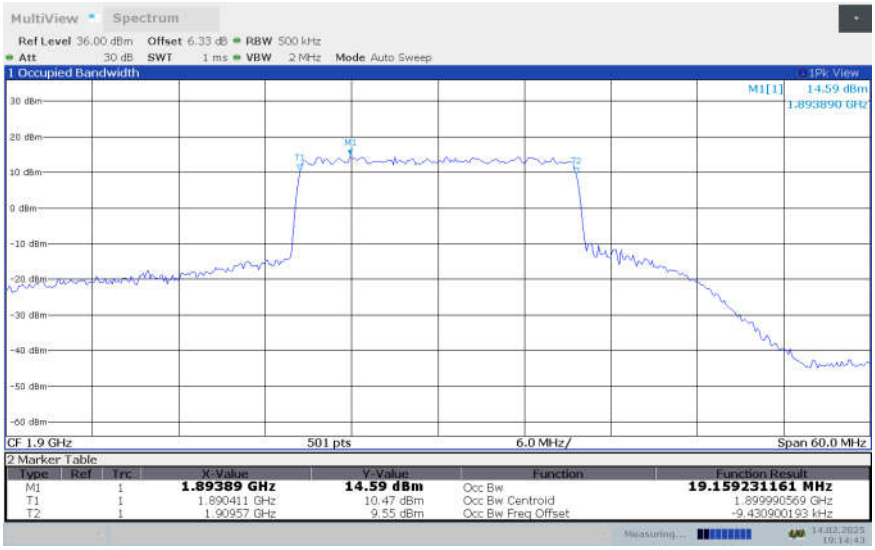


n2,20MHz Bandwidth,CP-QPSK (99% OBW)



n2,20MHz Bandwidth,CP-16QAM (99% OBW)

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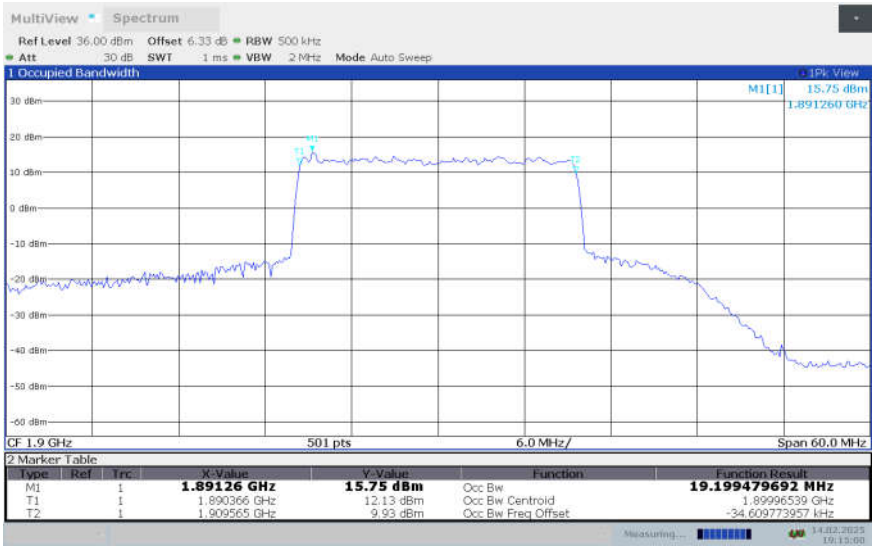
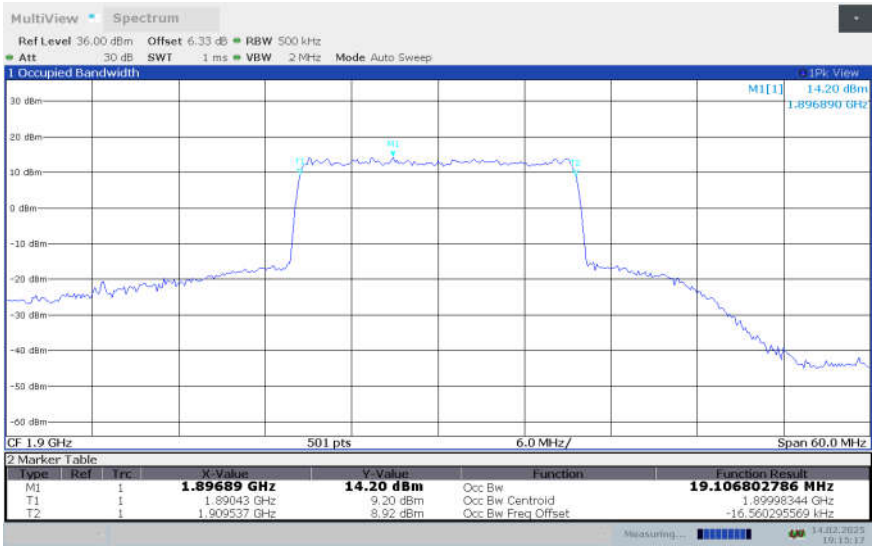


n2,20MHz Bandwidth,CP-64QAM (99% OBW)



n2,20MHz Bandwidth,CP-256QAM (99% OBW)

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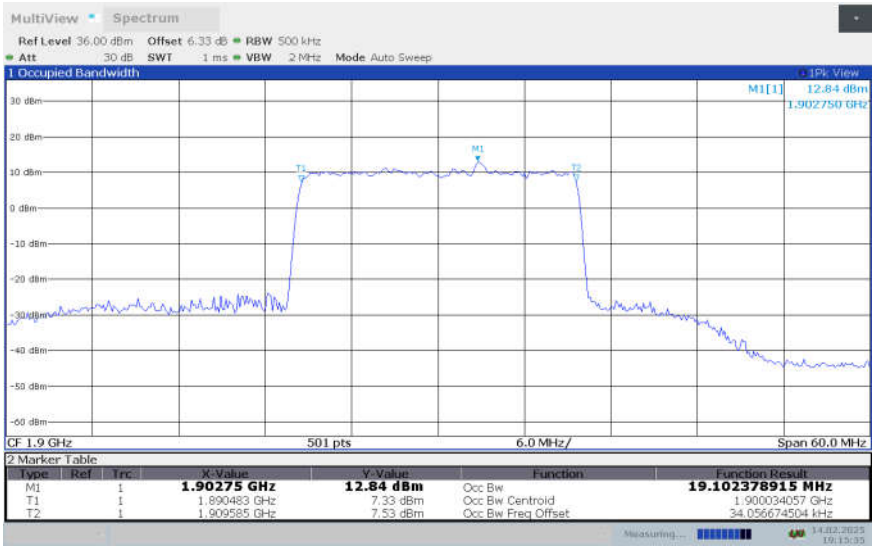

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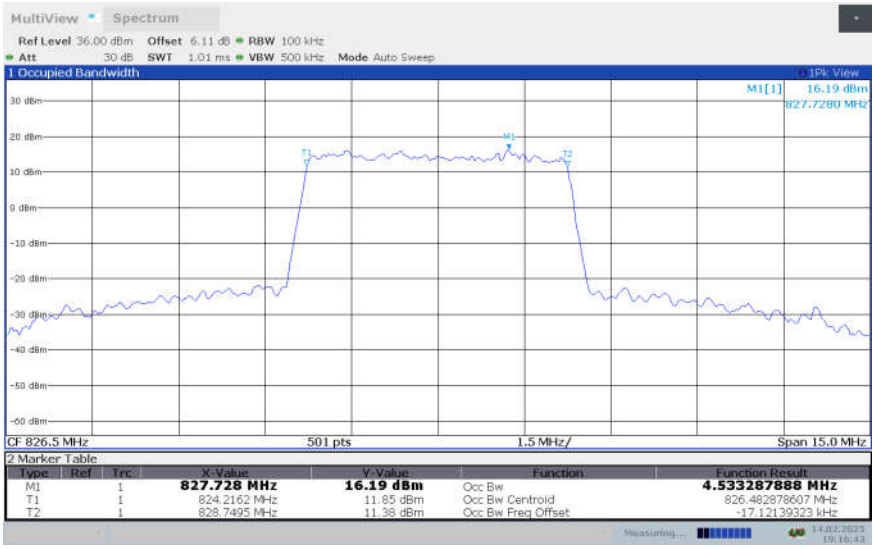
n5

n5,5MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
826.5	4.507	4.533	4.519	4.511	4.492	4.515	4.517	4.511	4.513
836.5	4.522	4.529	4.519	4.520	4.497	4.517	4.510	4.499	4.504
846.5	4.520	4.528	4.526	4.513	4.494	4.511	4.512	4.505	4.511

n5,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)

n5,5MHz Bandwidth,DFT-s-QPSK (99% OBW)



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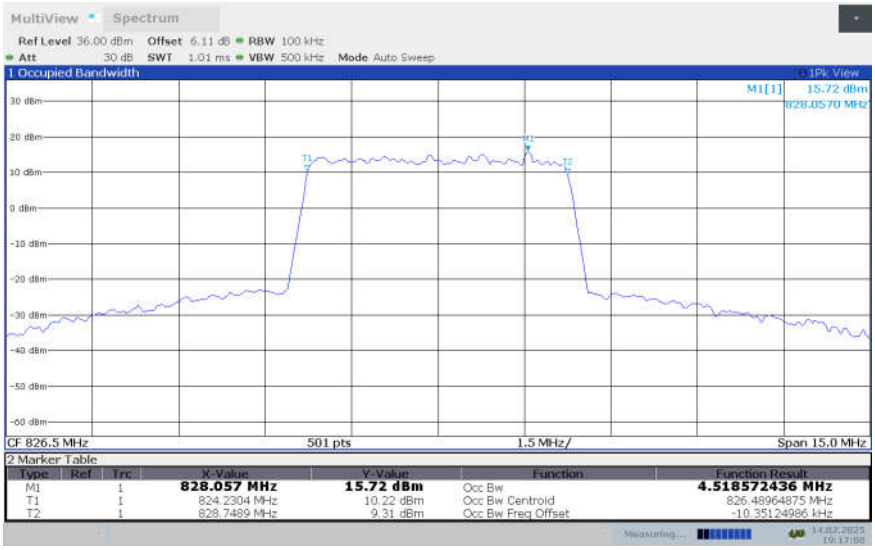
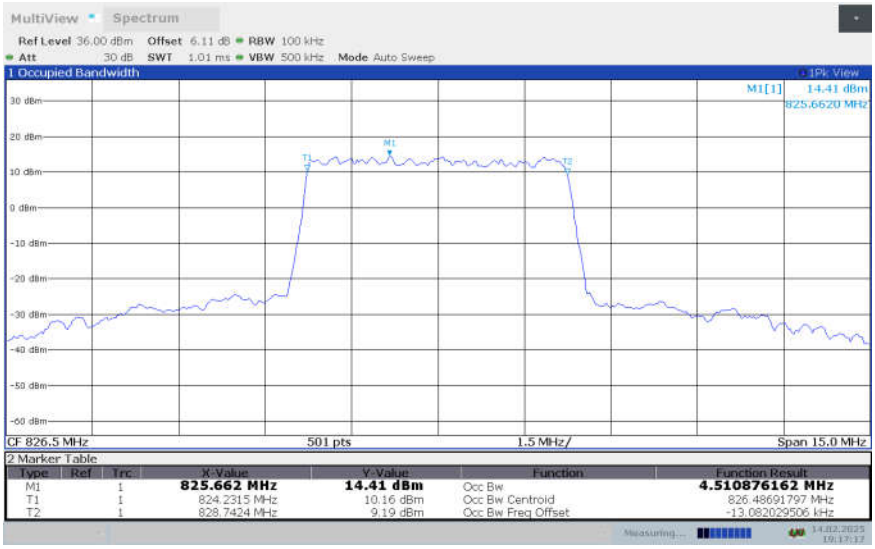
n5,5MHz Bandwidth,DFT-s-16QAM (99% OBW)



n5,5MHz Bandwidth,DFT-s-64QAM (99% OBW)



n5,5MHz Bandwidth,DFT-s-256QAM (99% OBW)

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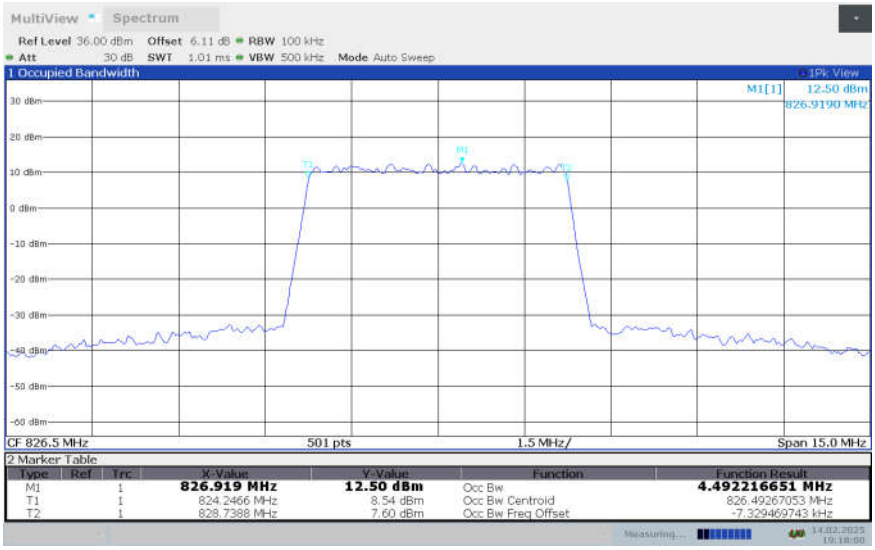
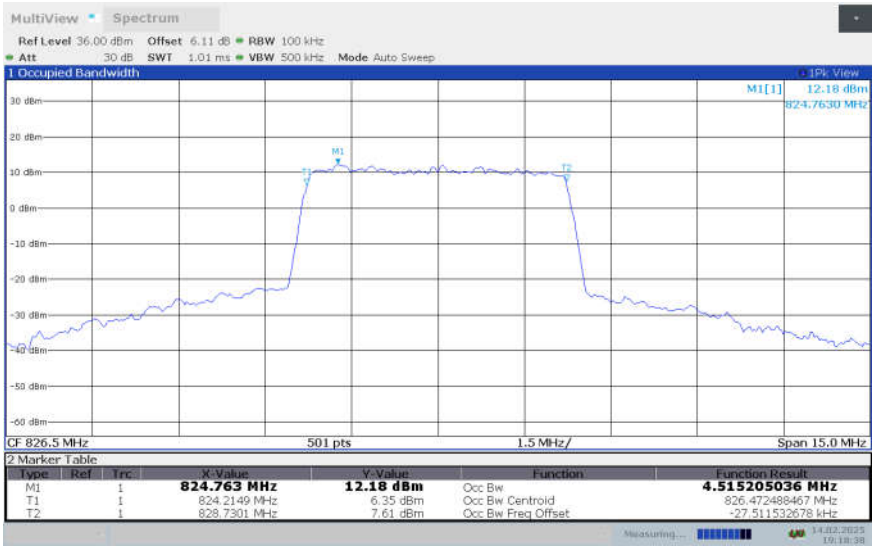


n5,5MHz Bandwidth,CP-QPSK (99% OBW)



n5,5MHz Bandwidth,CP-16QAM (99% OBW)

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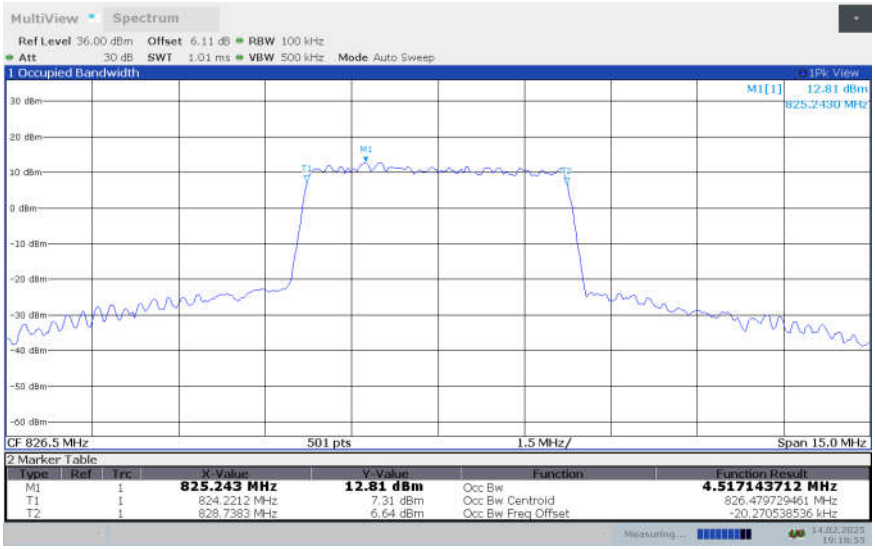
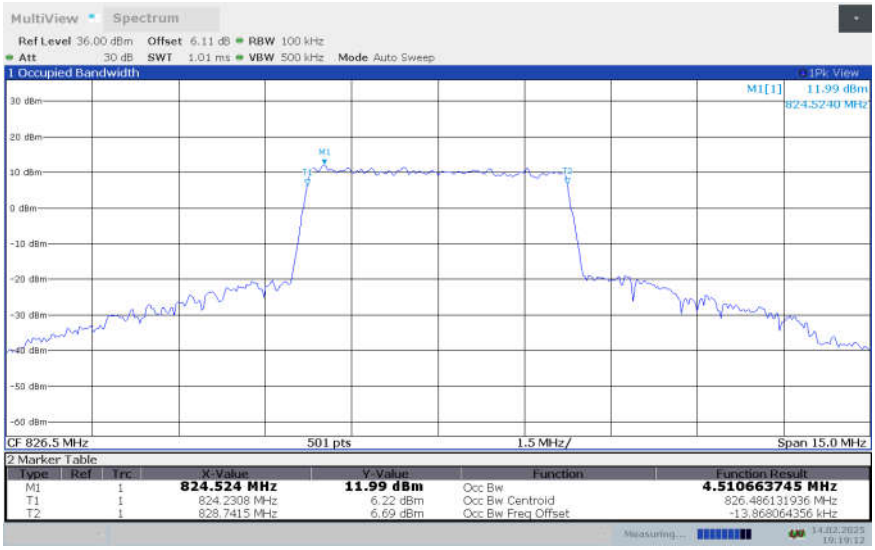


n5,5MHz Bandwidth,CP-64QAM (99% OBW)



n5,5MHz Bandwidth,CP-256QAM (99% OBW)

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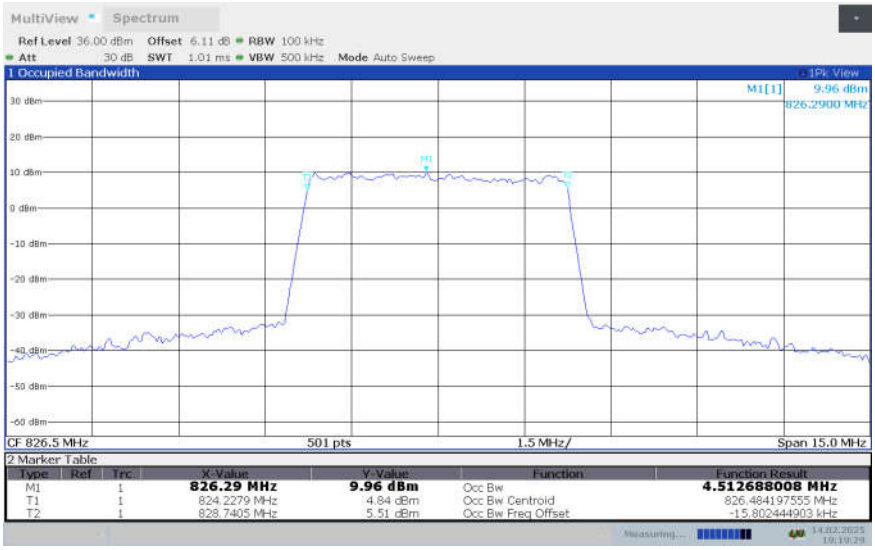
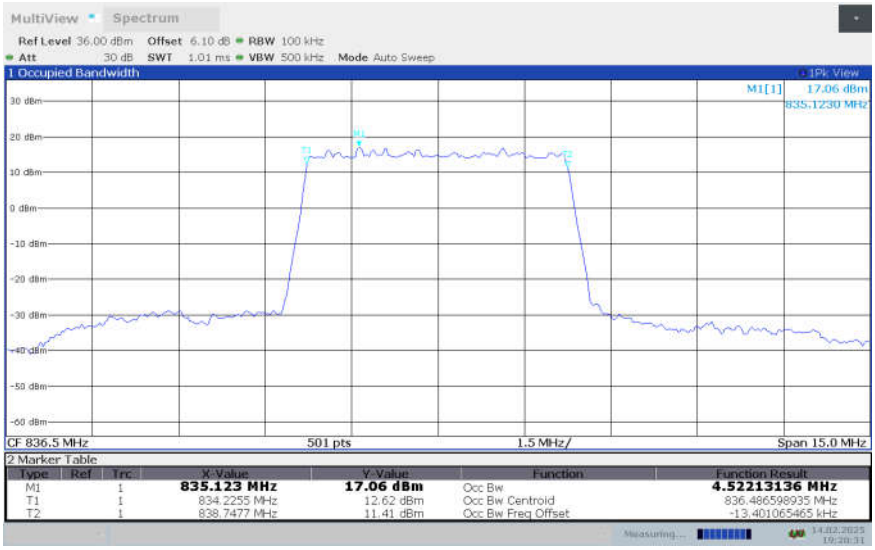


n5,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)



n5,5MHz Bandwidth,DFT-s-QPSK (99% OBW)

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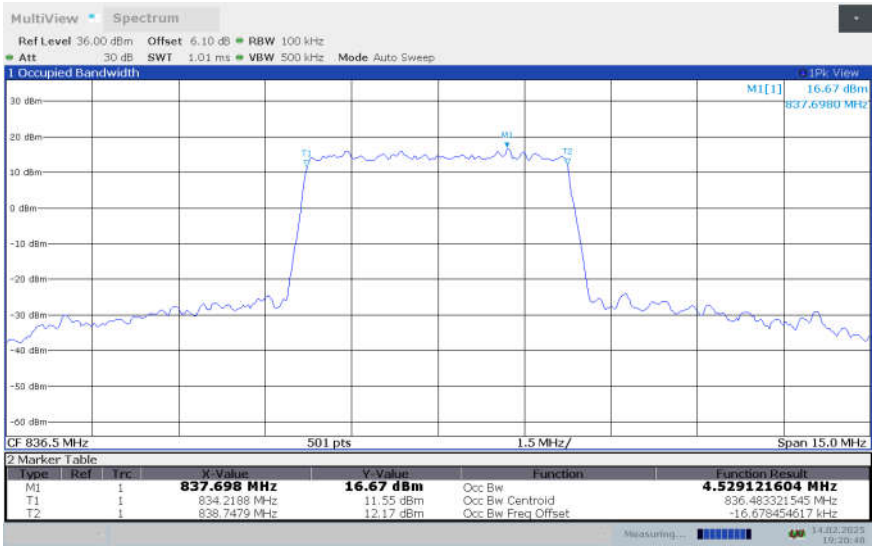
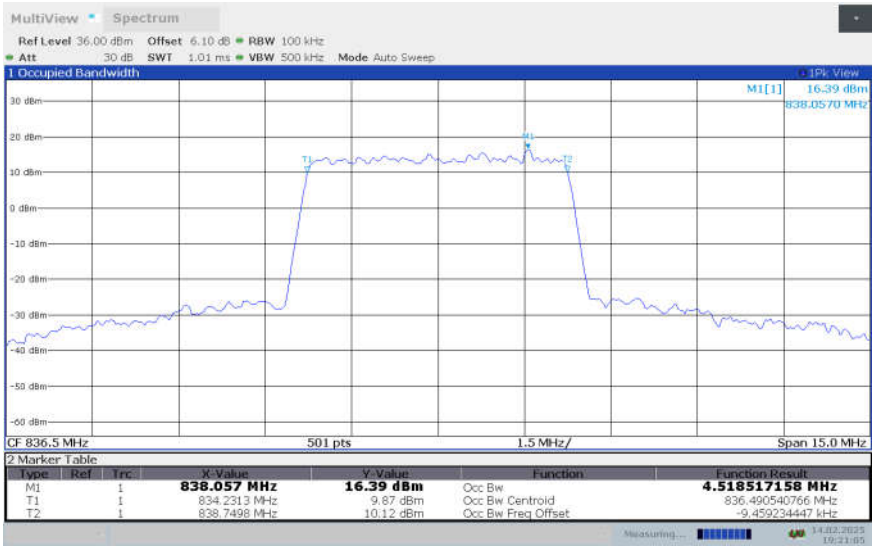


n5,5MHz Bandwidth,DFT-s-16QAM (99% OBW)



n5,5MHz Bandwidth,DFT-s-64QAM (99% OBW)

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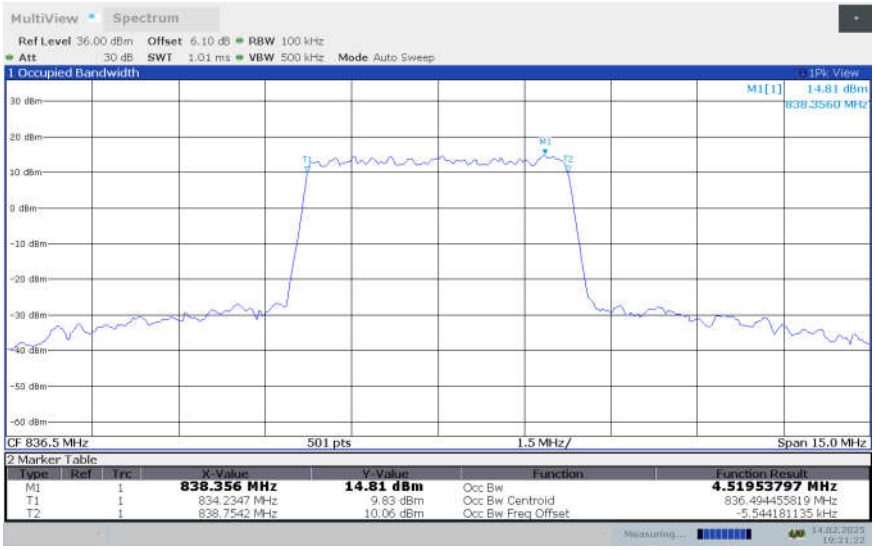
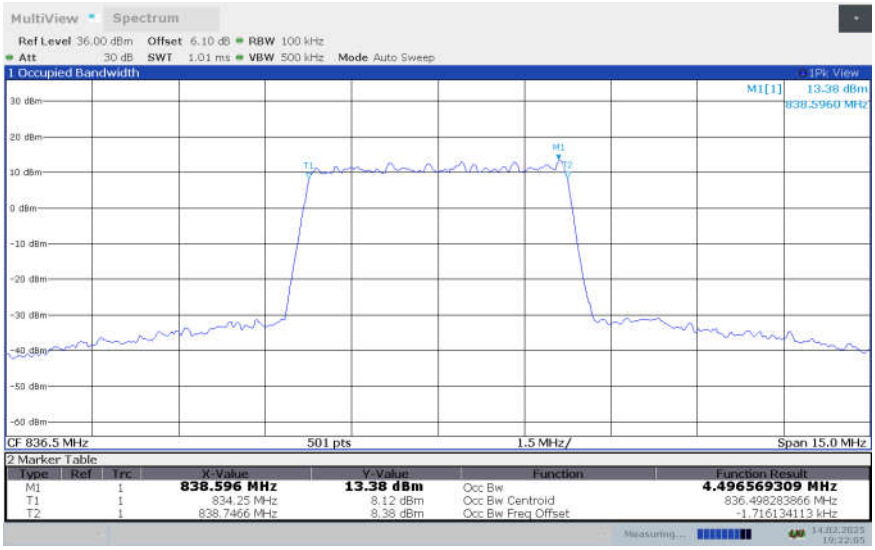


n5,5MHz Bandwidth,DFT-s-256QAM (99% OBW)



n5,5MHz Bandwidth,CP-QPSK (99% OBW)

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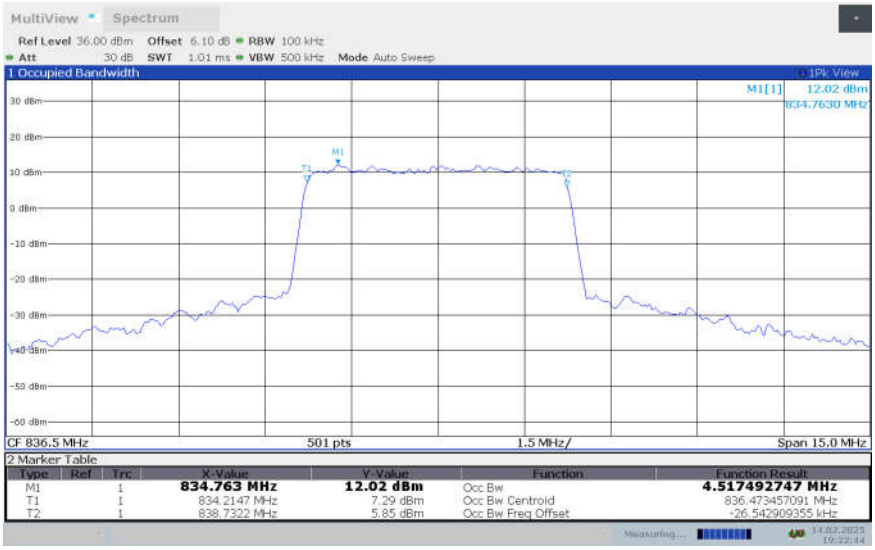
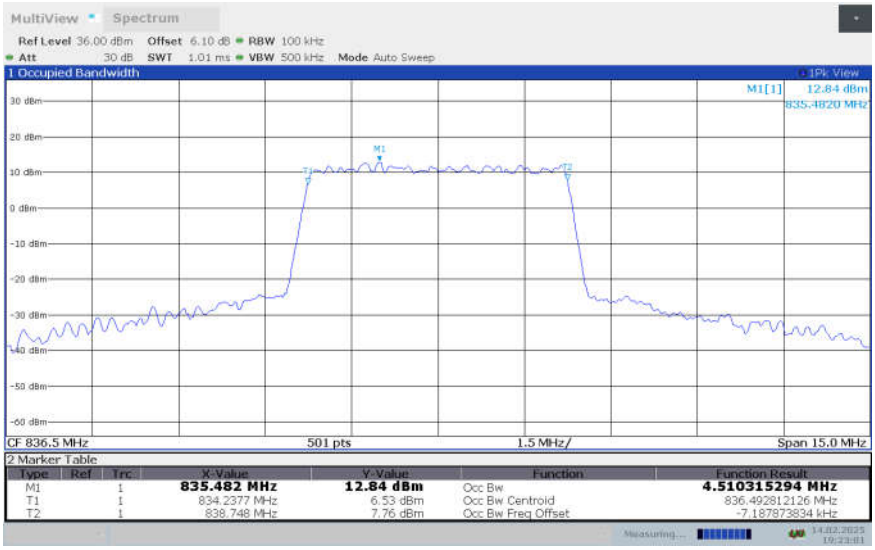


n5,5MHz Bandwidth,CP-16QAM (99% OBW)



n5,5MHz Bandwidth,CP-64QAM (99% OBW)

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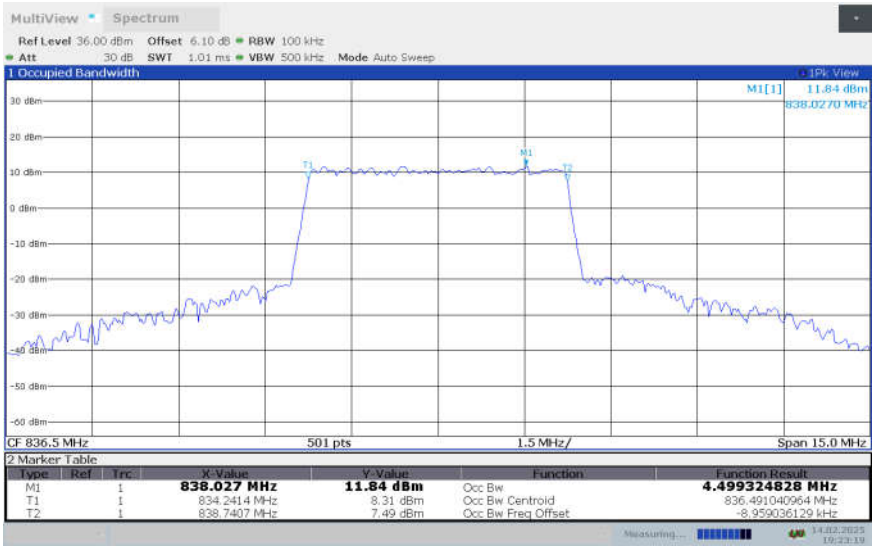
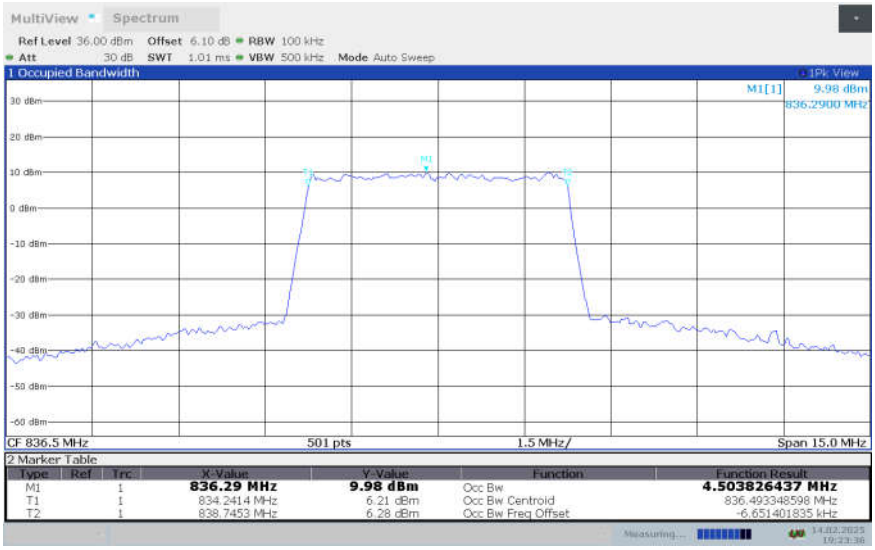


n5,5MHz Bandwidth,CP-256QAM (99% OBW)



n5,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)

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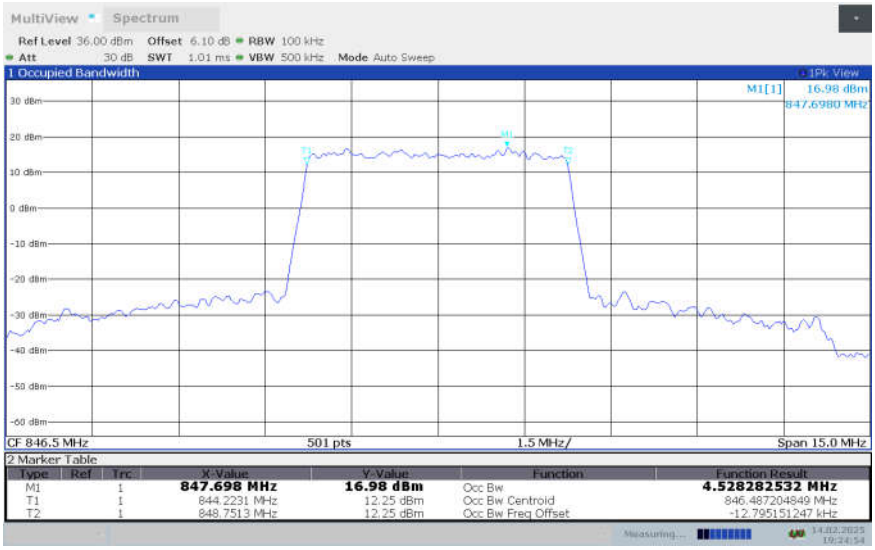
n5,5MHz Bandwidth,DFT-s-QPSK (99% OBW)



n5,5MHz Bandwidth,DFT-s-16QAM (99% OBW)

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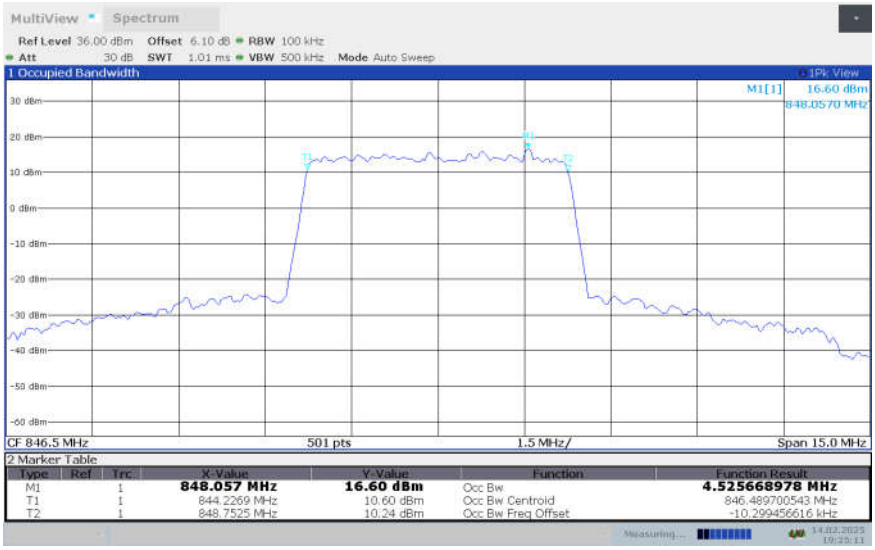

n5,5MHz Bandwidth,DFT-s-64QAM (99% OBW)

n5,5MHz Bandwidth,DFT-s-256QAM (99% OBW)

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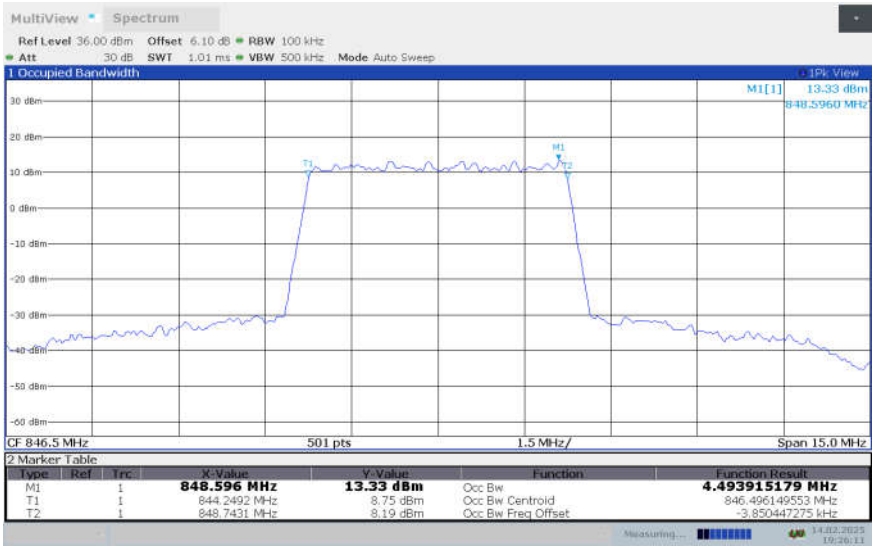
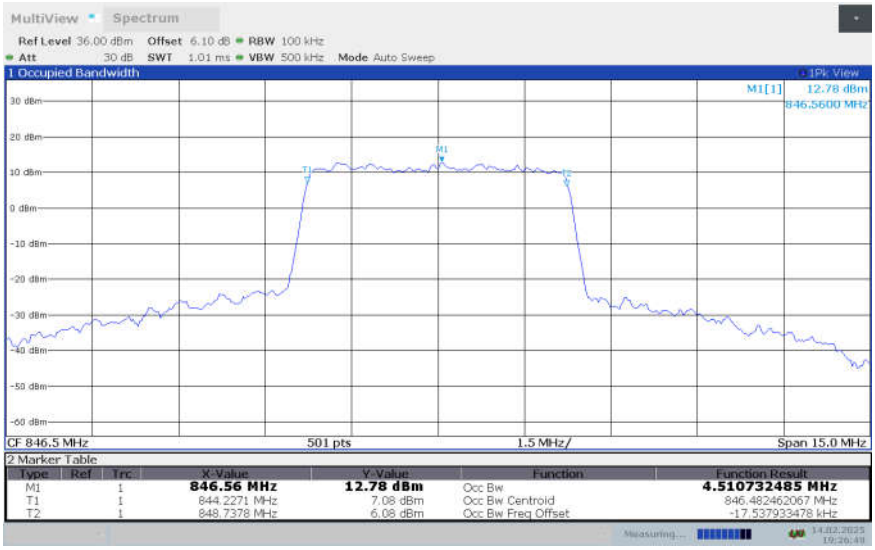


n5,5MHz Bandwidth,CP-QPSK (99% OBW)



n5,5MHz Bandwidth,CP-16QAM (99% OBW)

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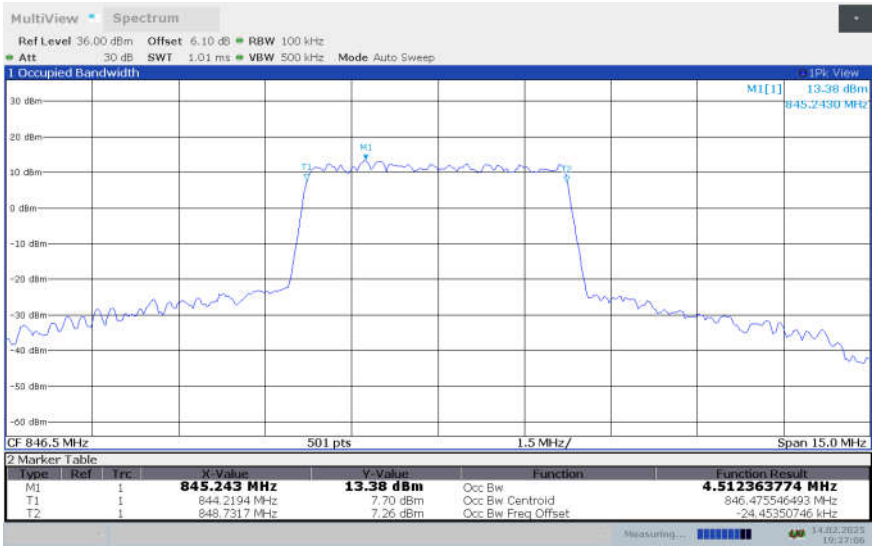
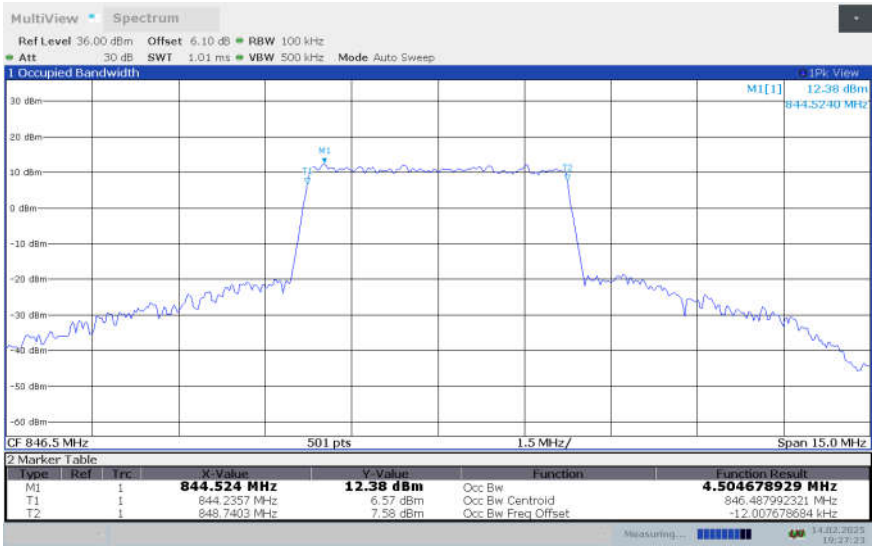


n5,5MHz Bandwidth,CP-64QAM (99% OBW)



n5,5MHz Bandwidth,CP-256QAM (99% OBW)

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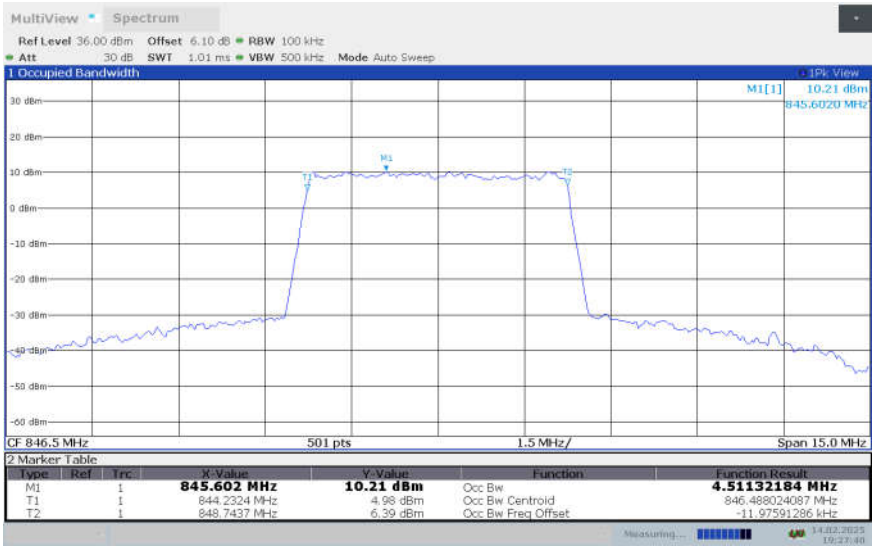

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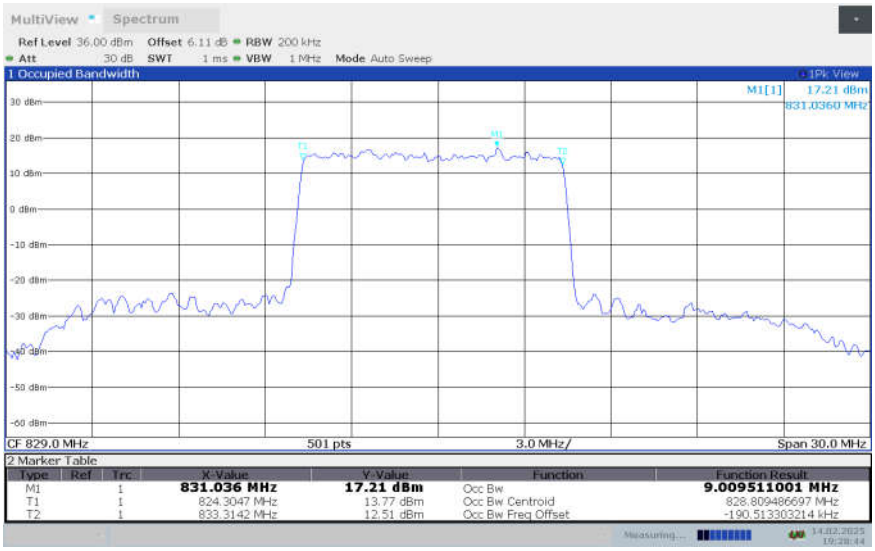
n5

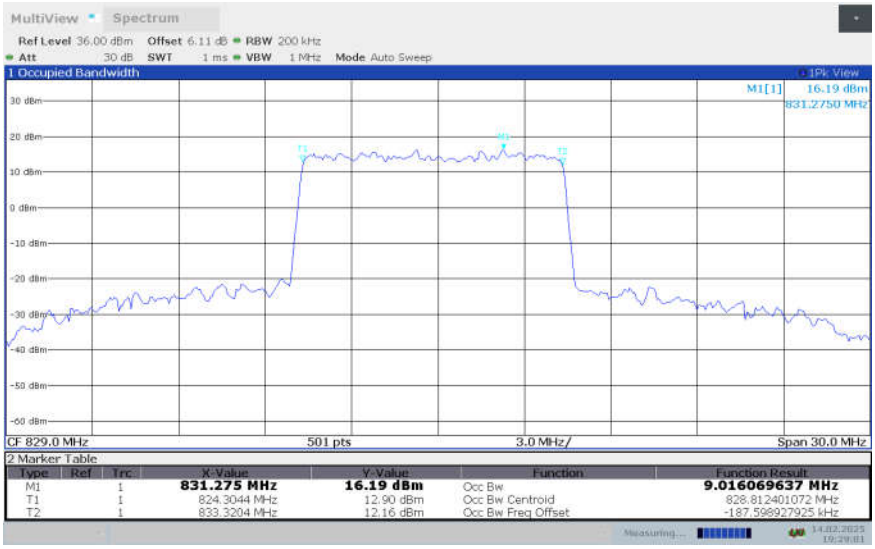
n5,10MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW) (MHz)								
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
829	9.010	9.016	9.017	9.024	9.017	9.353	9.345	9.365	9.351
836.5	9.001	9.004	8.991	9.006	9.005	9.333	9.335	9.355	9.353
844	9.000	9.011	9.010	9.015	9.010	9.342	9.343	9.355	9.357

n5,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% OBW)



n5,10MHz Bandwidth,DFT-s-QPSK (99% OBW)



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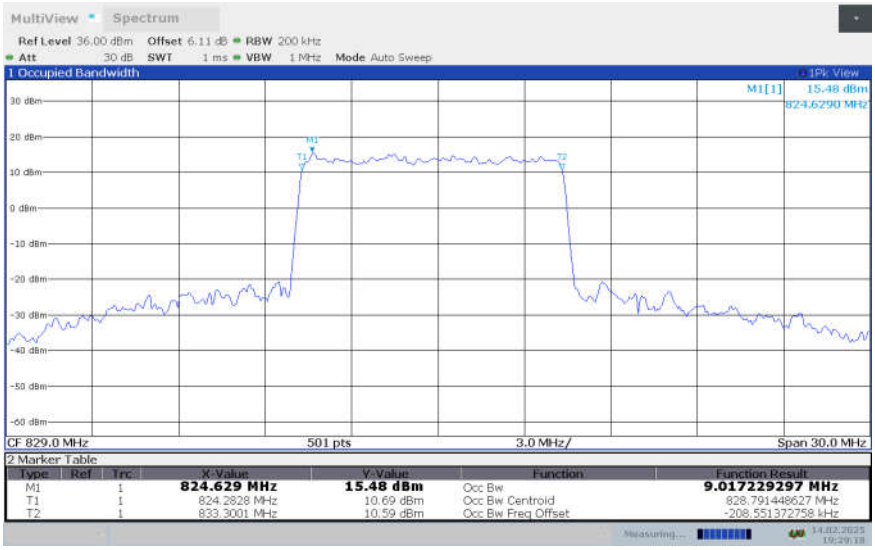
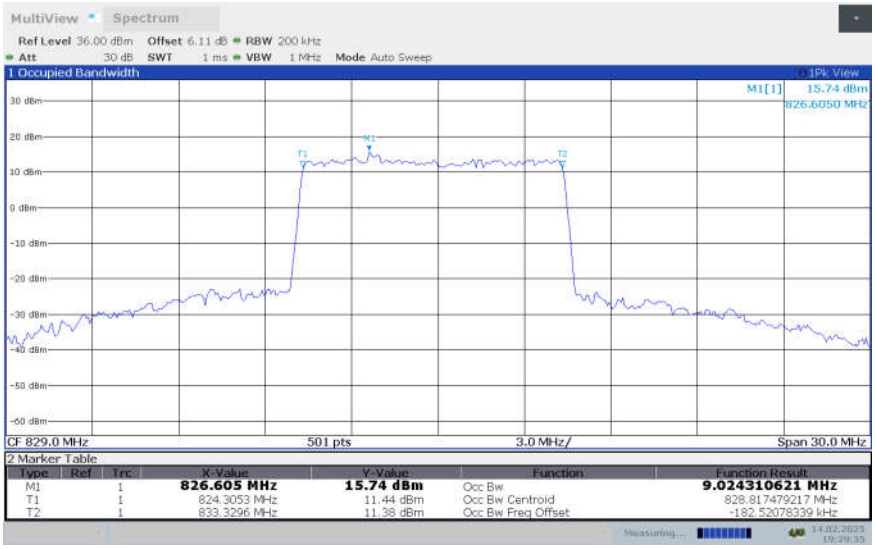
n5,10MHz Bandwidth,DFT-s-16QAM (99% OBW)



n5,10MHz Bandwidth,DFT-s-64QAM (99% OBW)



n5,10MHz Bandwidth,DFT-s-256QAM (99% OBW)

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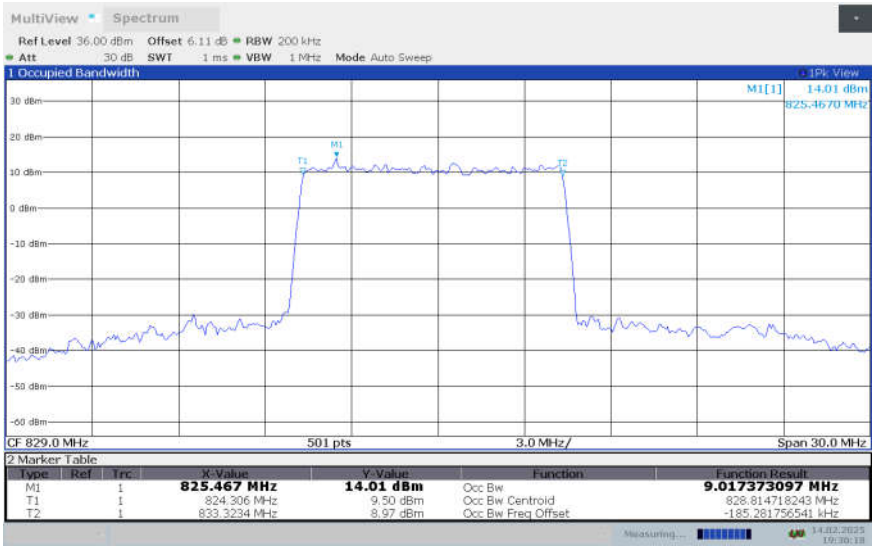
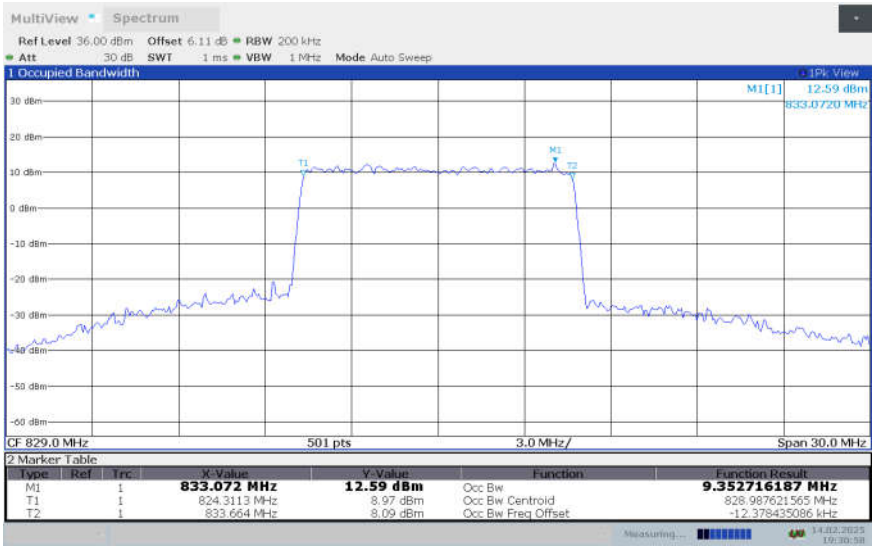


n5,10MHz Bandwidth,CP-QPSK (99% OBW)



n5,10MHz Bandwidth,CP-16QAM (99% OBW)

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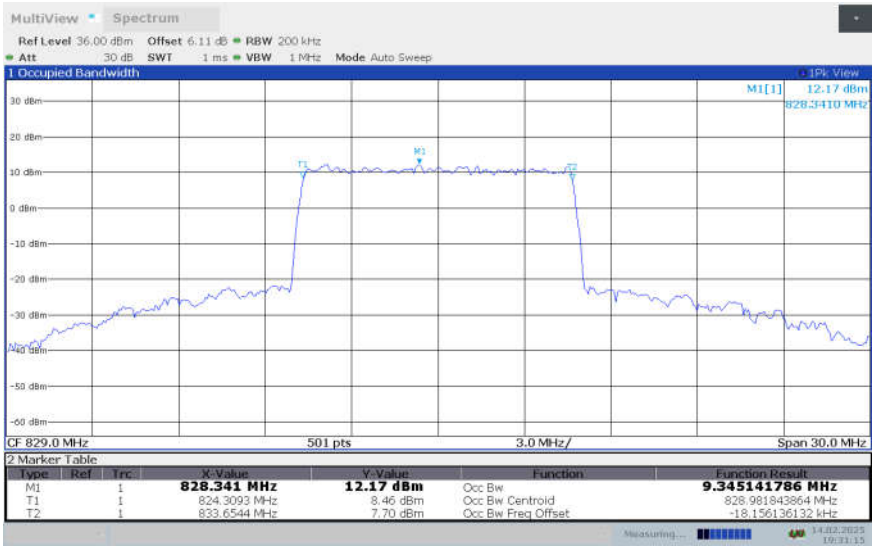
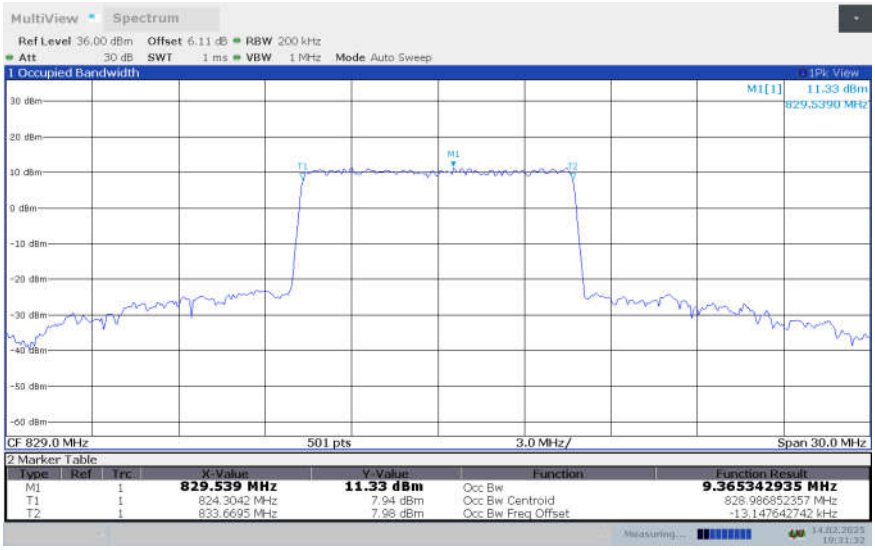


n5,10MHz Bandwidth,CP-64QAM (99% OBW)



n5,10MHz Bandwidth,CP-256QAM (99% OBW)

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