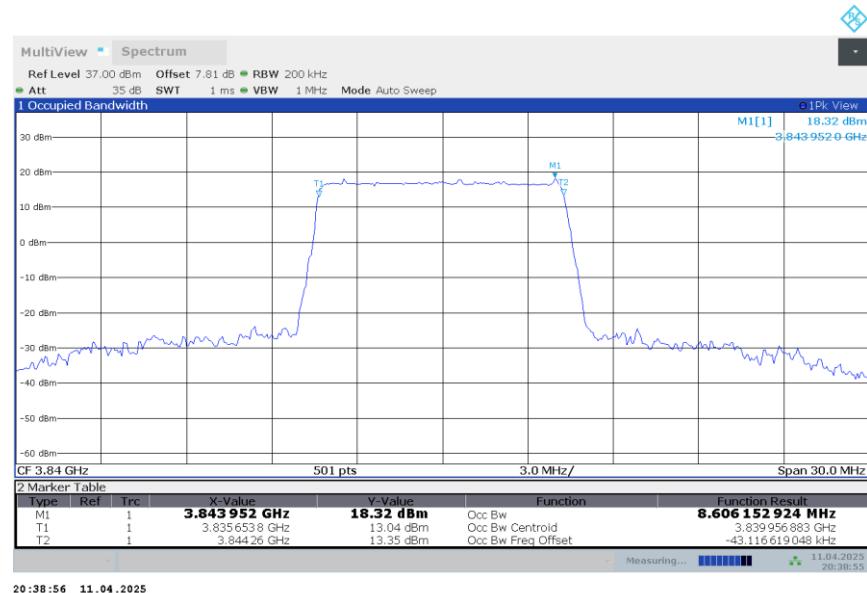
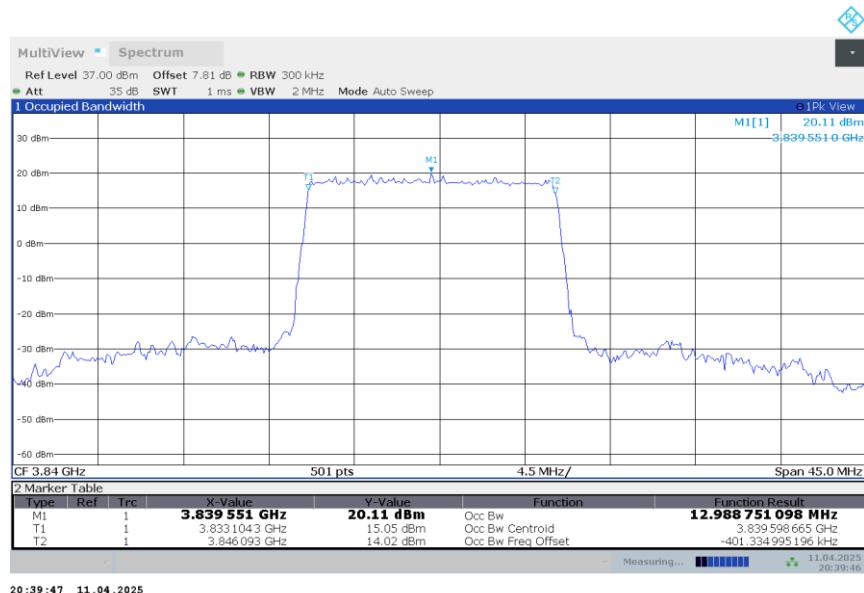
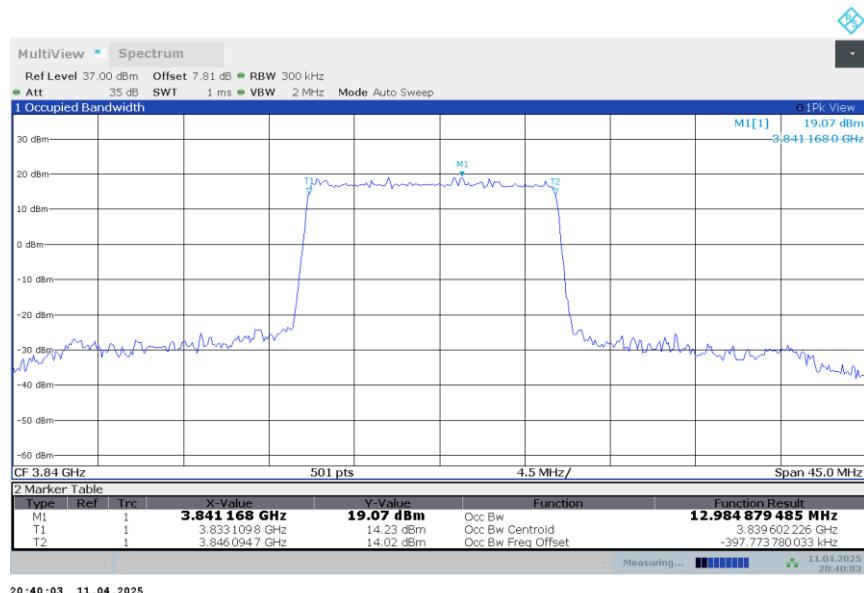


n77H,10MHz Bandwidth,DFT-s-16QAM (99% BW)

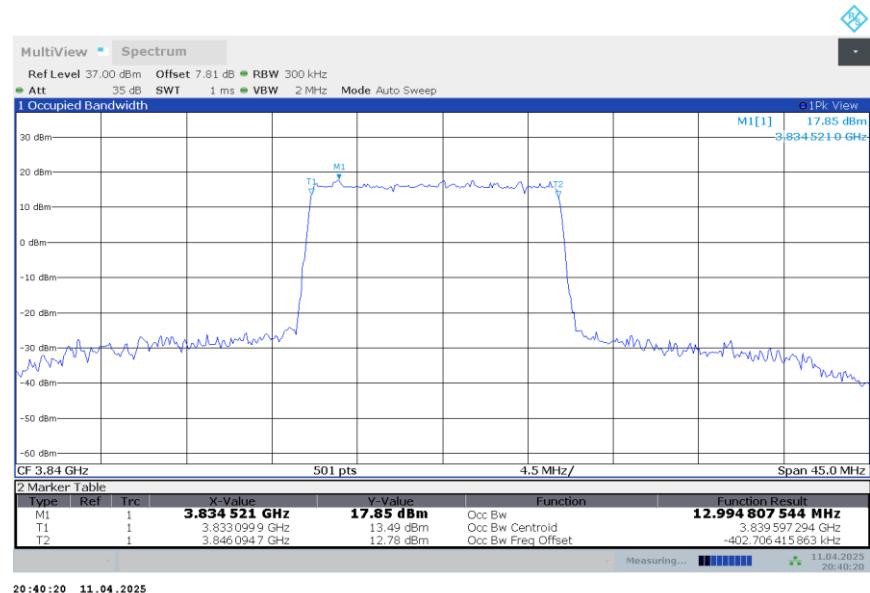


n77H
n77H,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	12.989	12.985	12.995

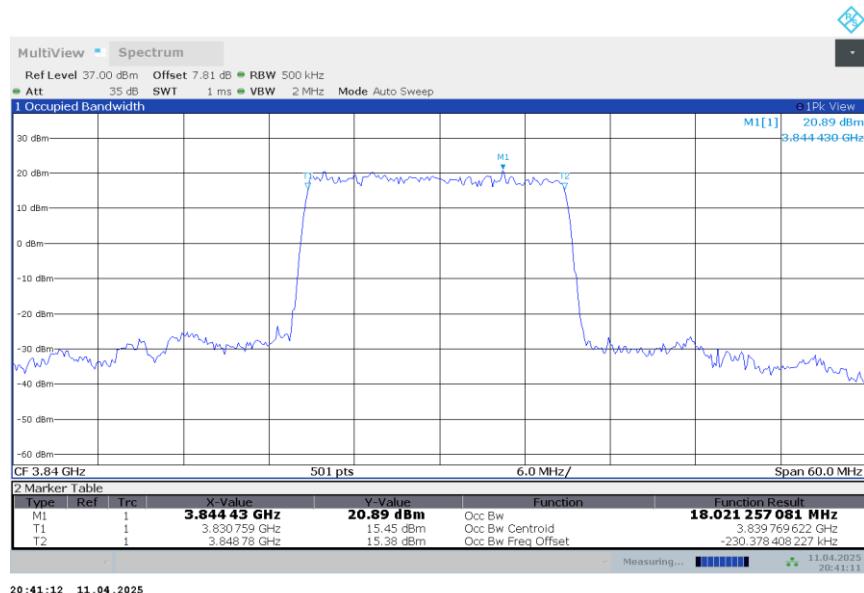
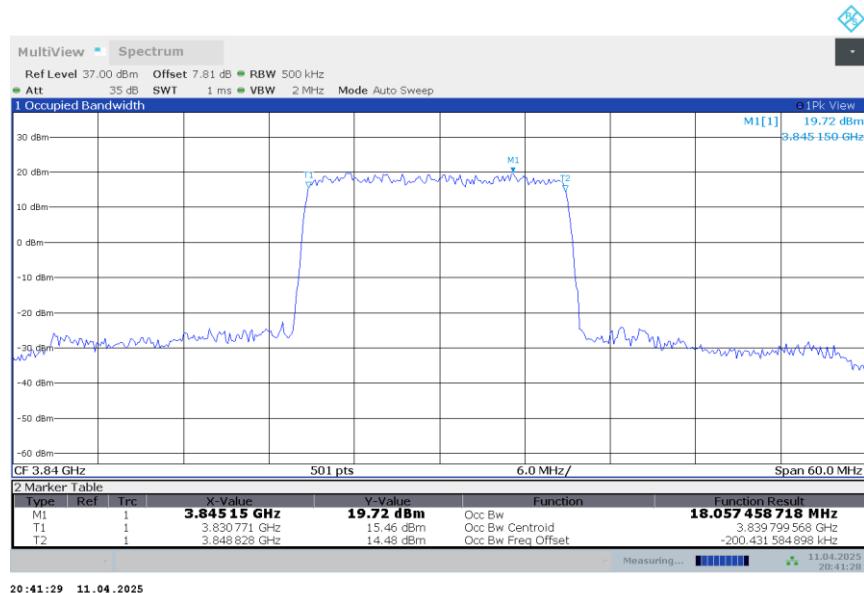
n77H,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,15MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,15MHz Bandwidth,DFT-s-16QAM (99% BW)

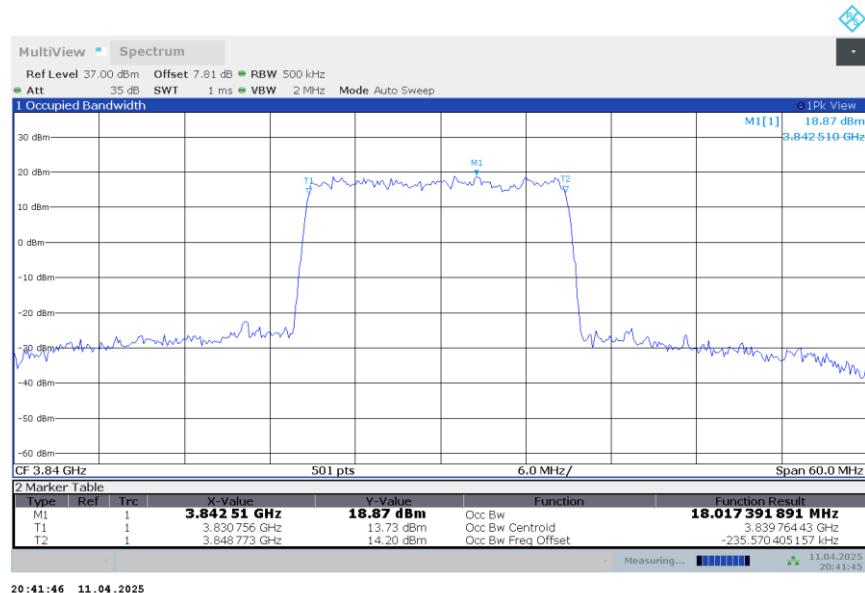


n77H
n77H,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	18.021	18.057	18.017

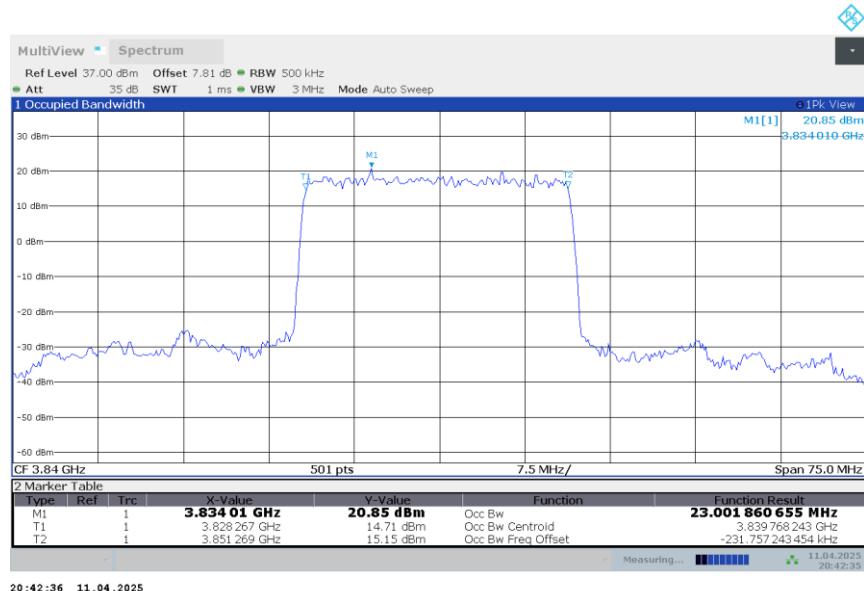
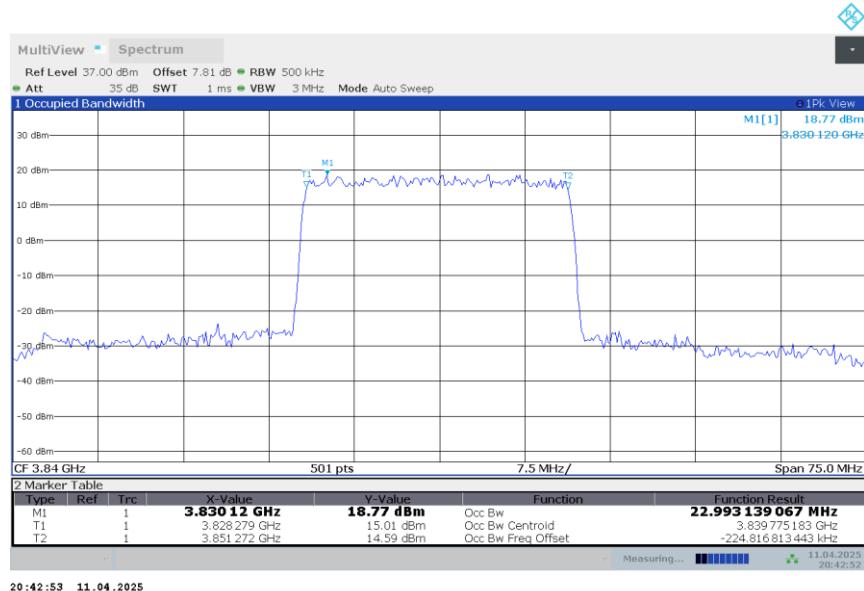
n77H,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,20MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,20MHz Bandwidth,DFT-s-16QAM (99% BW)

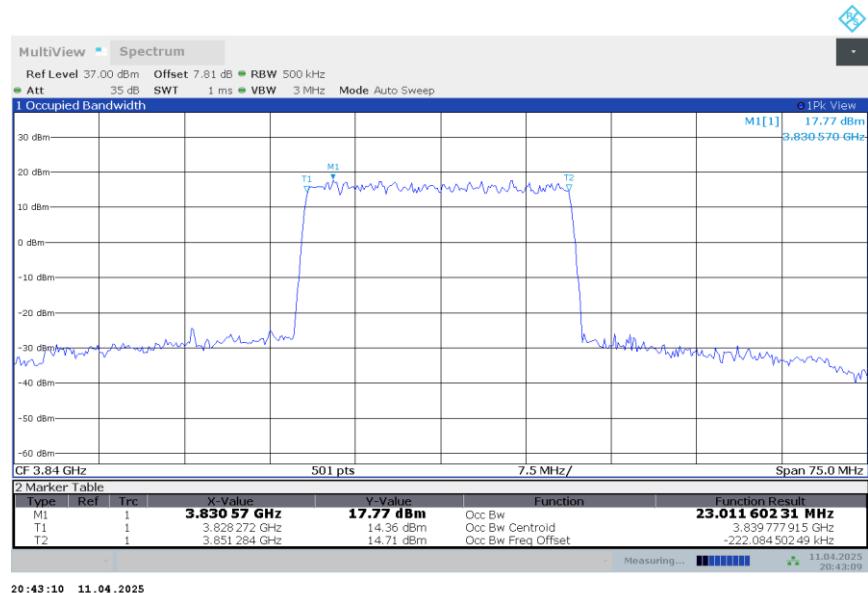


n77H
n77H,25MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	23.002	22.993	23.012

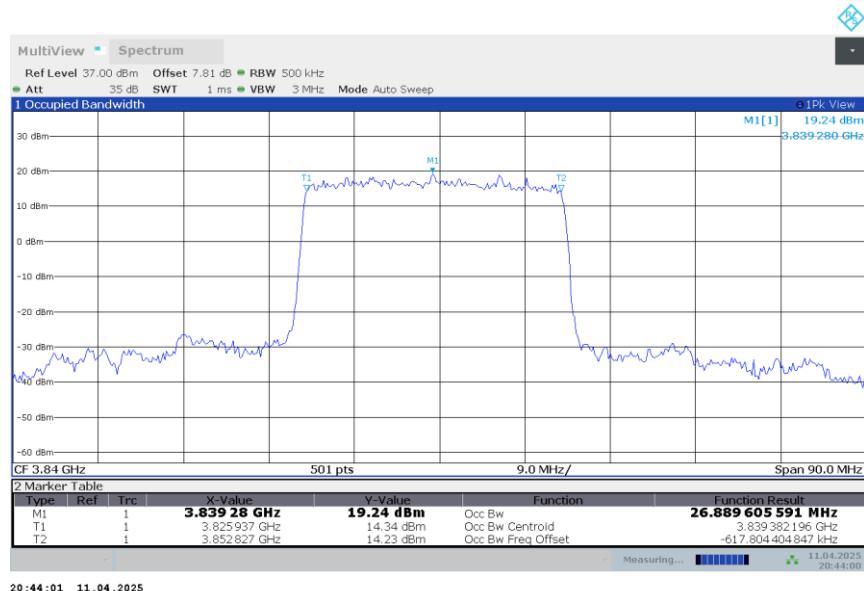
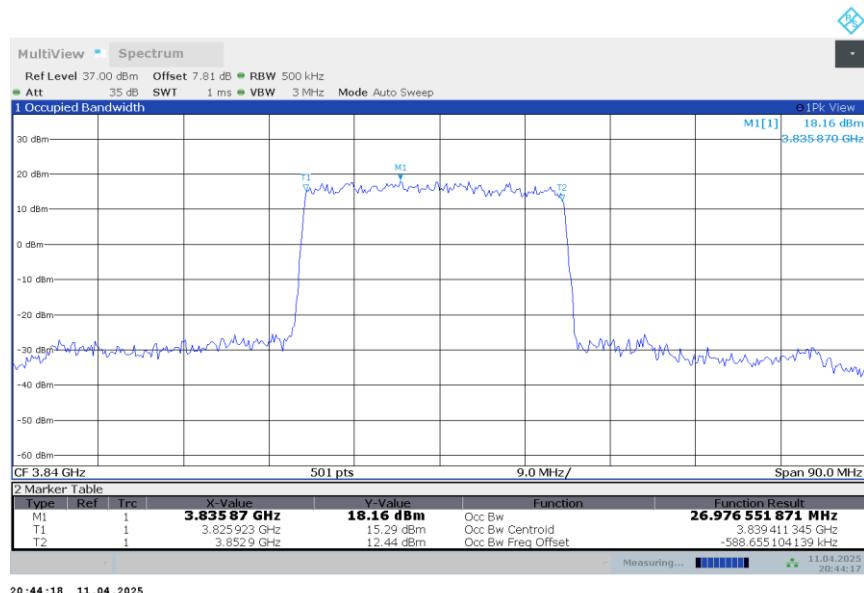
n77H,25MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,25MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,25MHz Bandwidth,DFT-s-16QAM (99% BW)

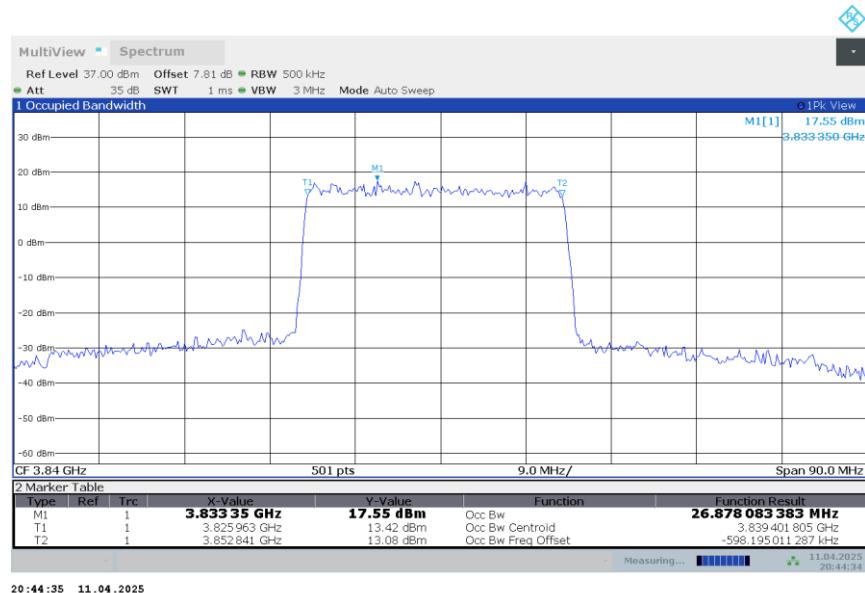


n77H
n77H,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	26.890	26.977	26.878

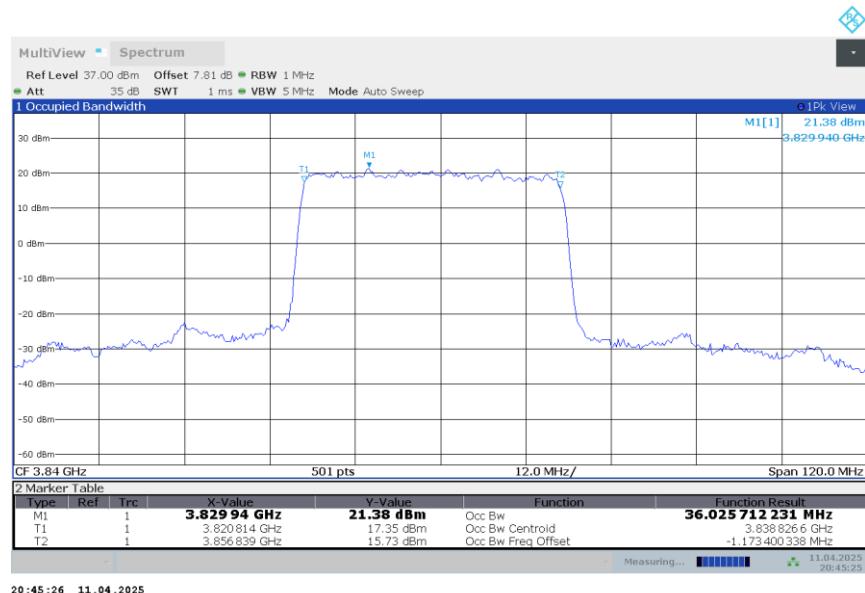
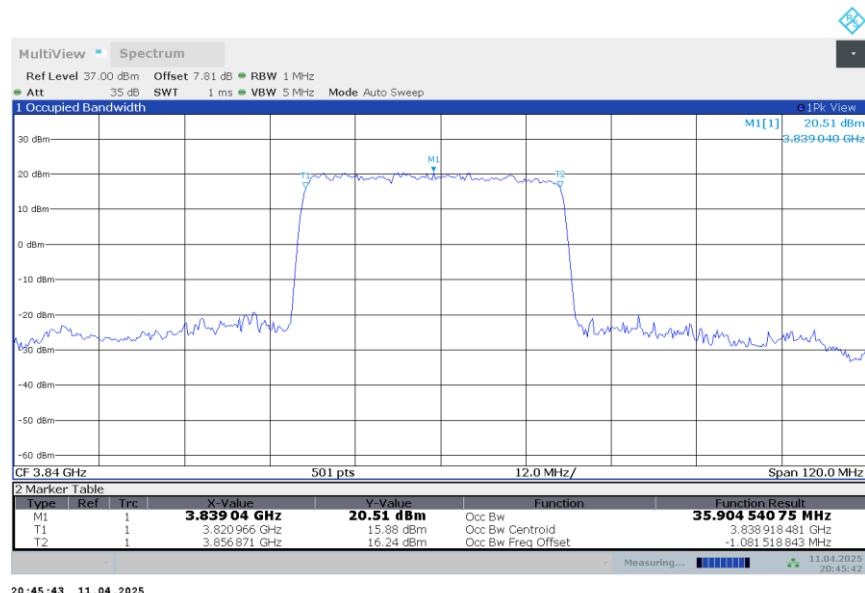
n77H,30MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,30MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,30MHz Bandwidth,DFT-s-16QAM (99% BW)

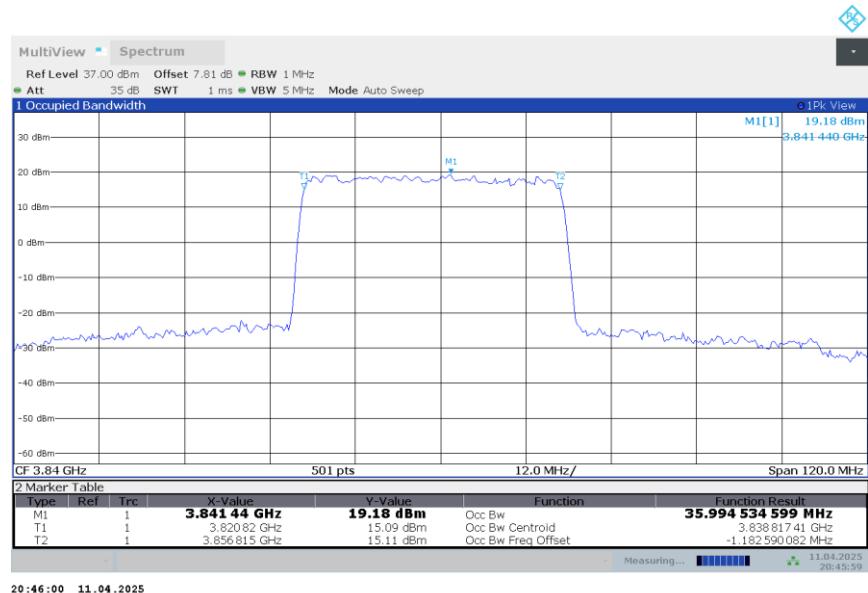


n77H
n77H,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	36.026	35.905	35.995

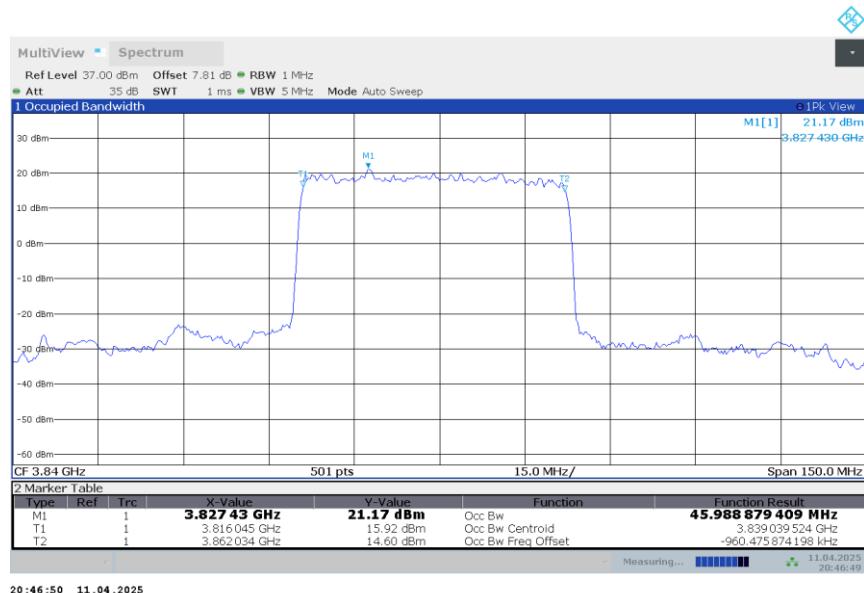
n77H,40MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,40MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,40MHz Bandwidth,DFT-s-16QAM (99% BW)

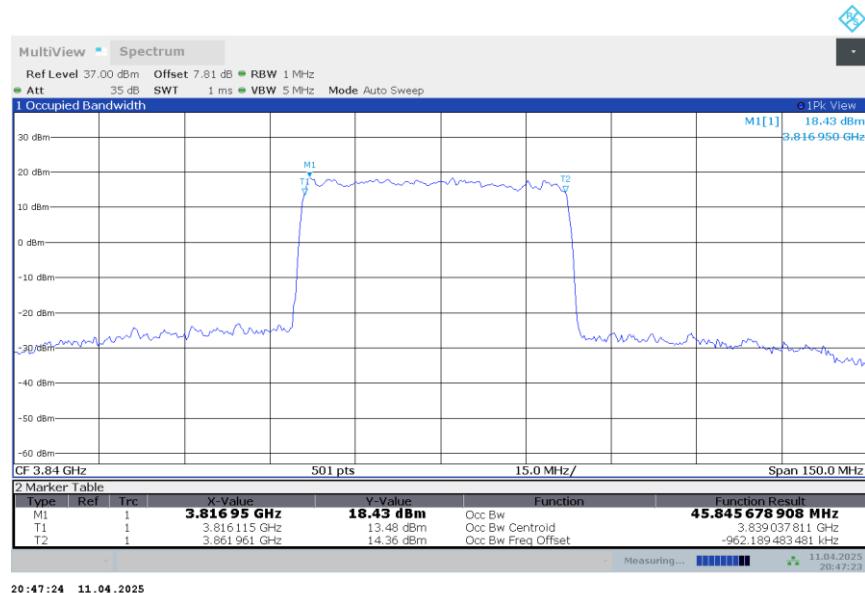


n77H
n77H,50MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	45.989	45.952	45.846

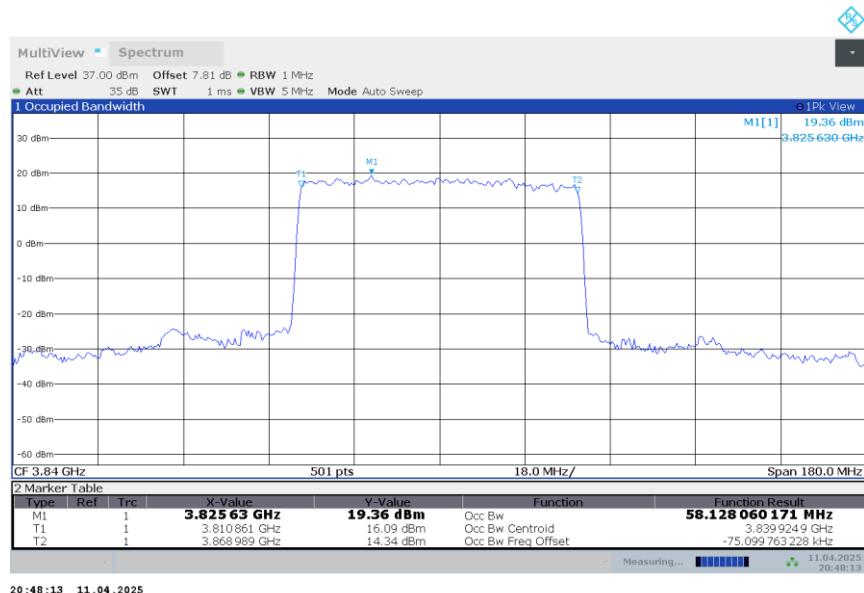
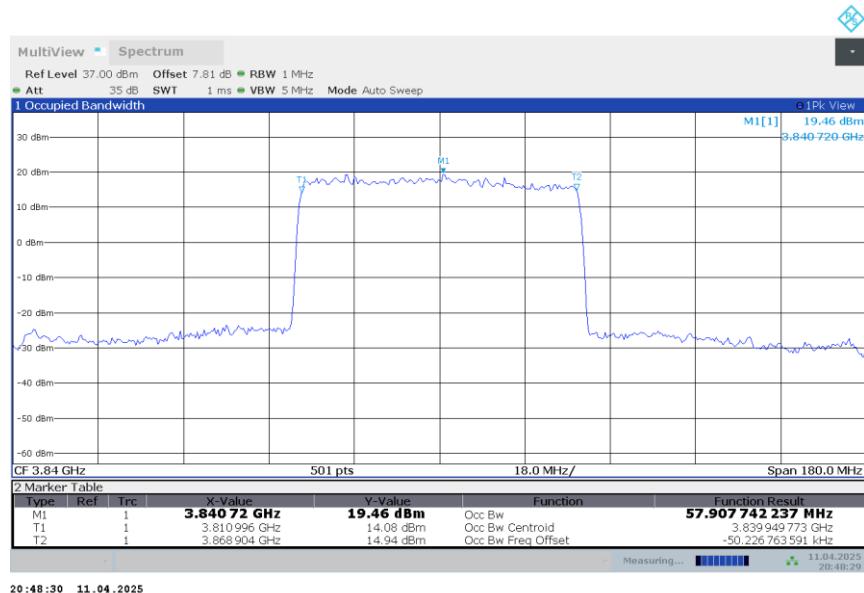
n77H,50MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,50MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,50MHz Bandwidth,DFT-s-16QAM (99% BW)

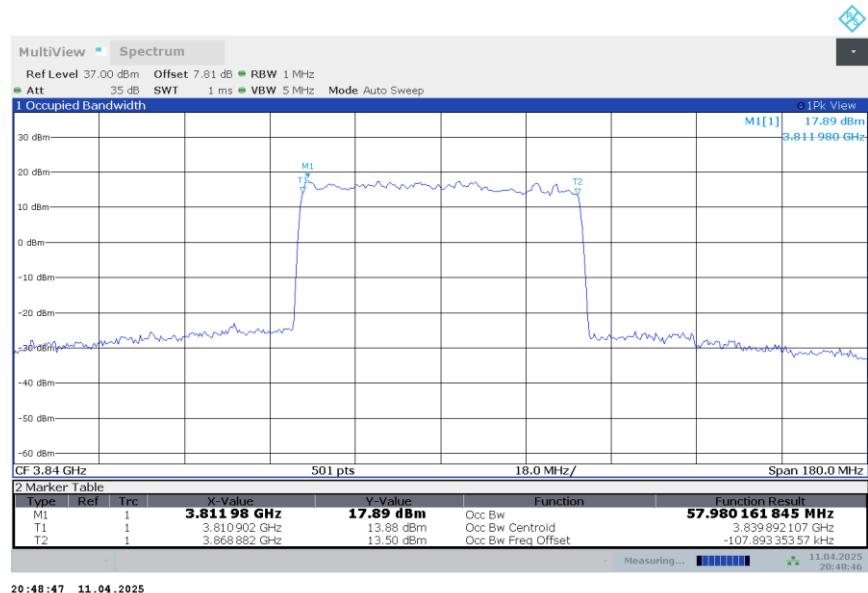


n77H
n77H,60MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	58.128	57.908	57.980

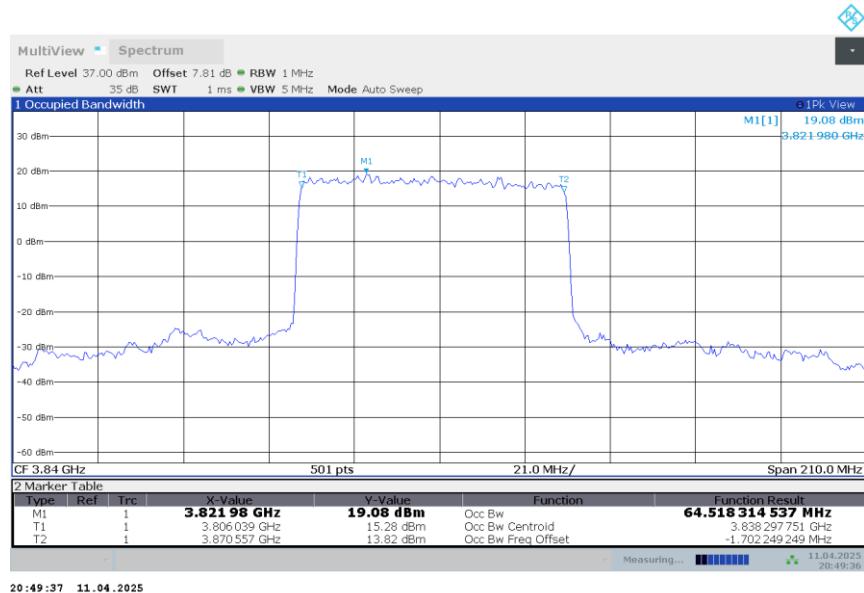
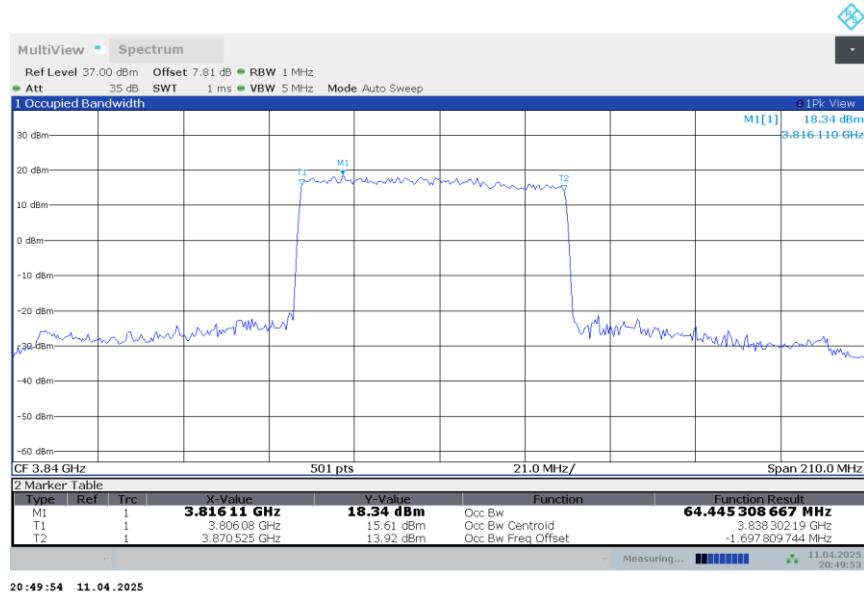
n77H,60MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,60MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,60MHz Bandwidth,DFT-s-16QAM (99% BW)

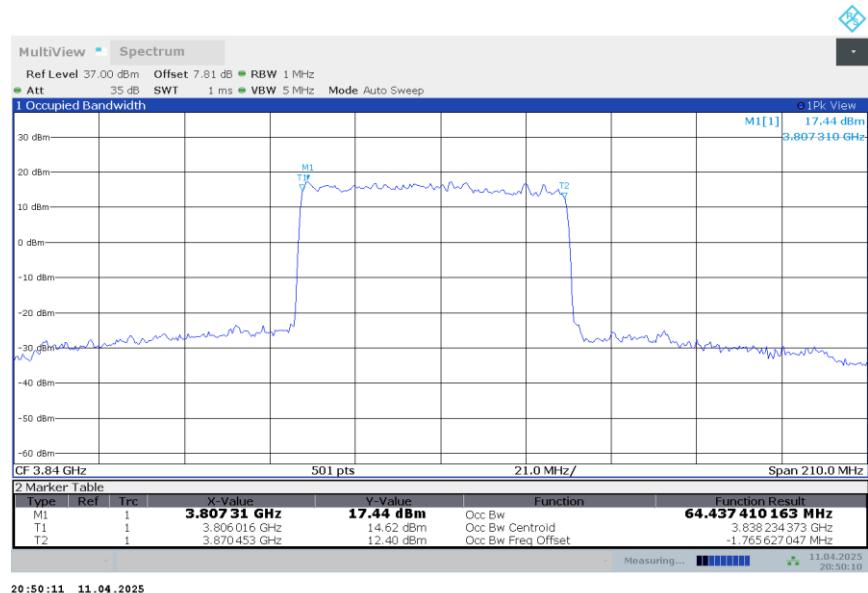


n77H
n77H,70MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	64.518	64.445	64.437

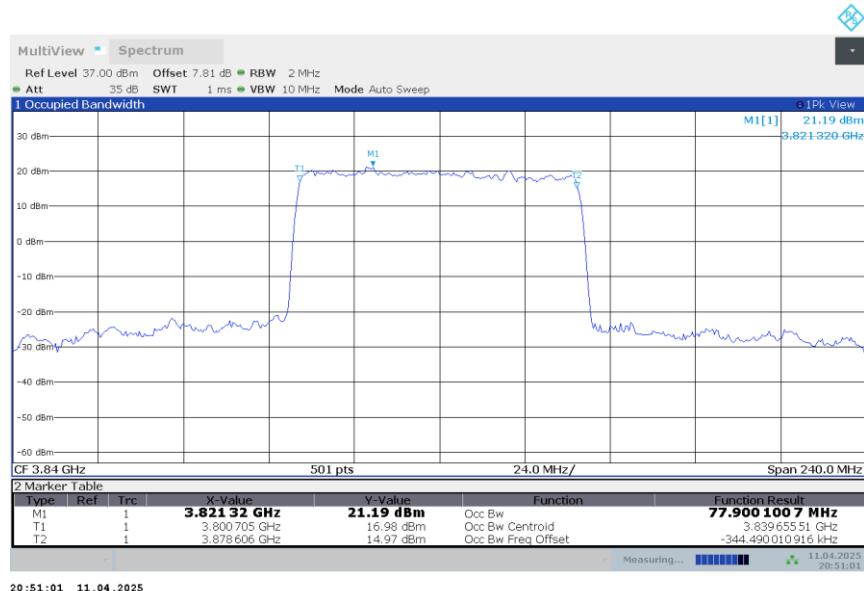
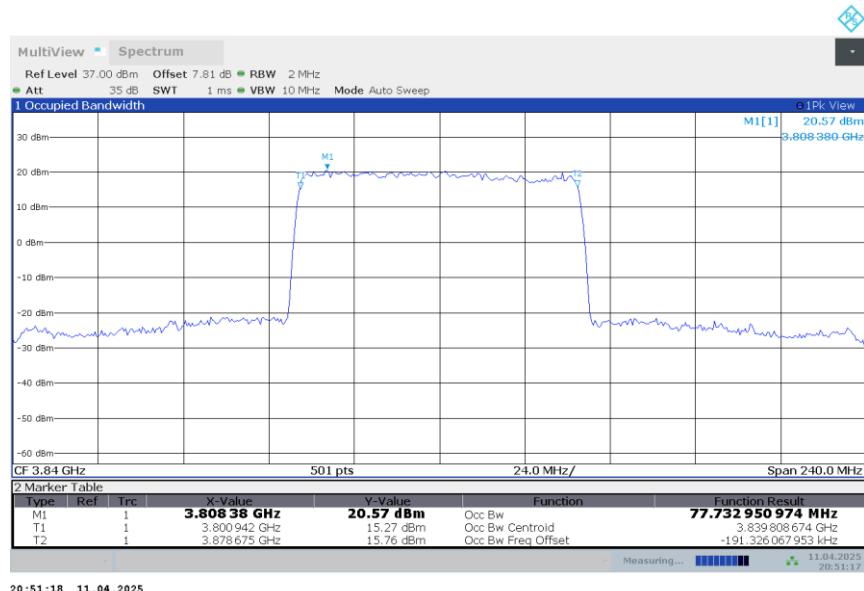
n77H,70MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,70MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,70MHz Bandwidth,DFT-s-16QAM (99% BW)

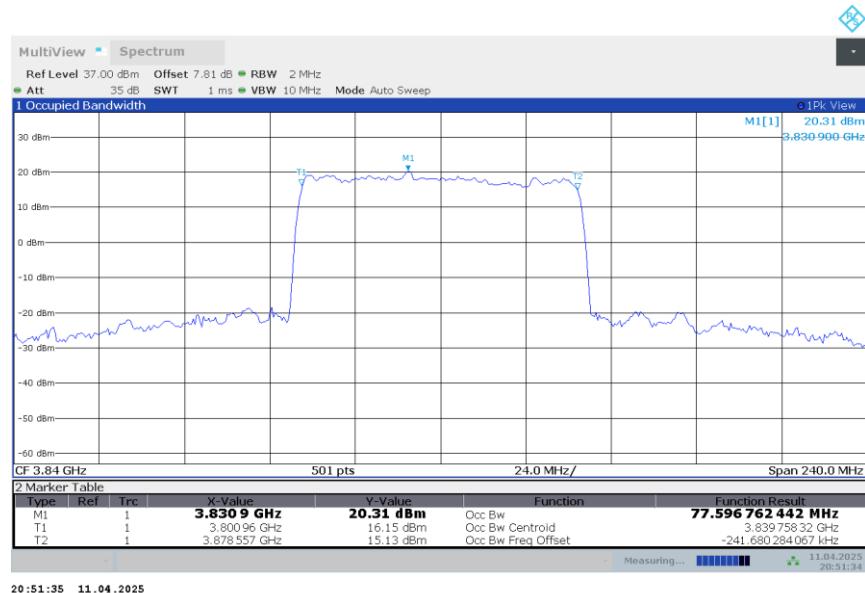


n77H
n77H,80MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	77.900	77.733	77.597

n77H,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,80MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,80MHz Bandwidth,DFT-s-16QAM (99% BW)



n77H
n77H,90MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	87.481	87.238	87.352

n77H,90MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,90MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,90MHz Bandwidth,DFT-s-16QAM (99% BW)



n77H
n77H,100MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
3840	97.303	96.856	96.934

n77H,100MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

n77H,100MHz Bandwidth,DFT-s-QPSK (99% BW)


n77H,100MHz Bandwidth,DFT-s-16QAM (99% BW)



A.5 Emission Bandwidth

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

The measurement method is from ANSI C63.26:

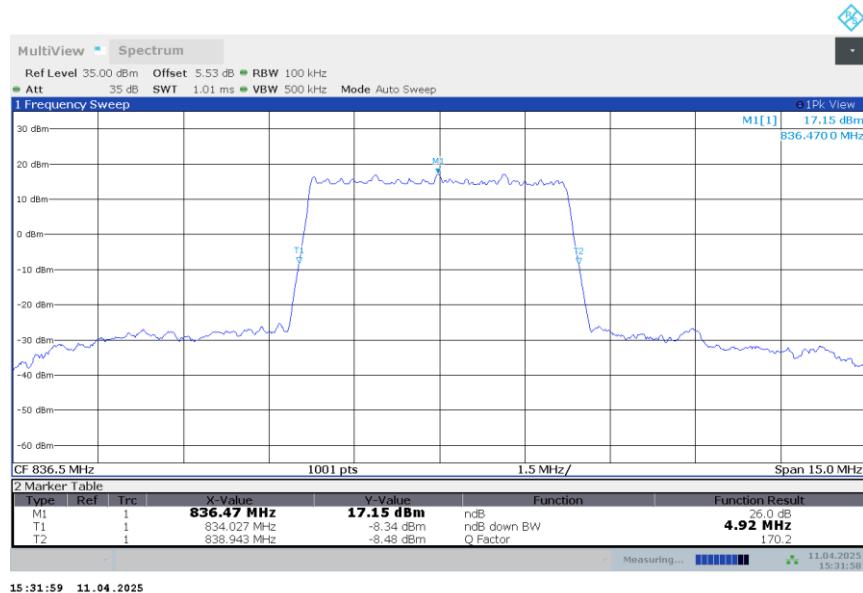
- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
- b) The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times$ 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.

n5

n5,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	4.915	4.930	4.960

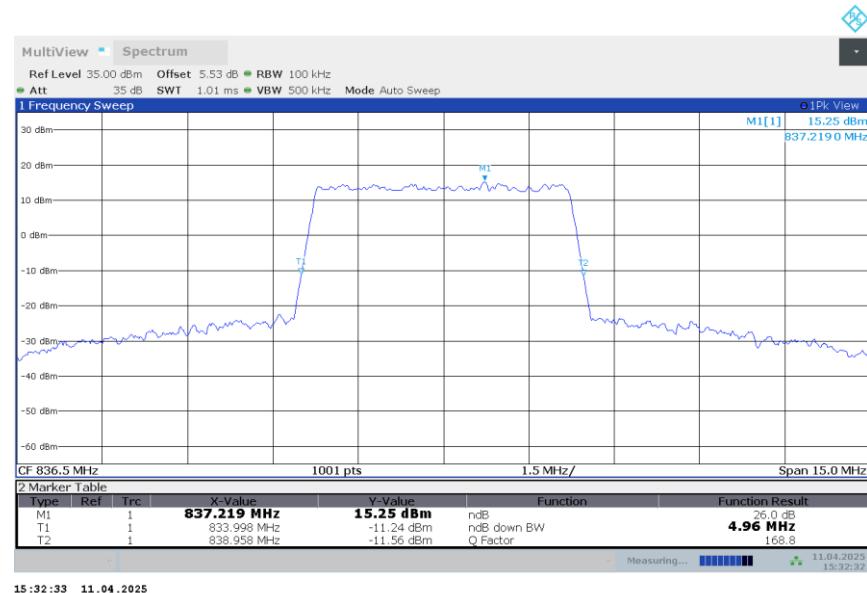
n5,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n5,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n5,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



n5

n5,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	9.560	9.590	9.530

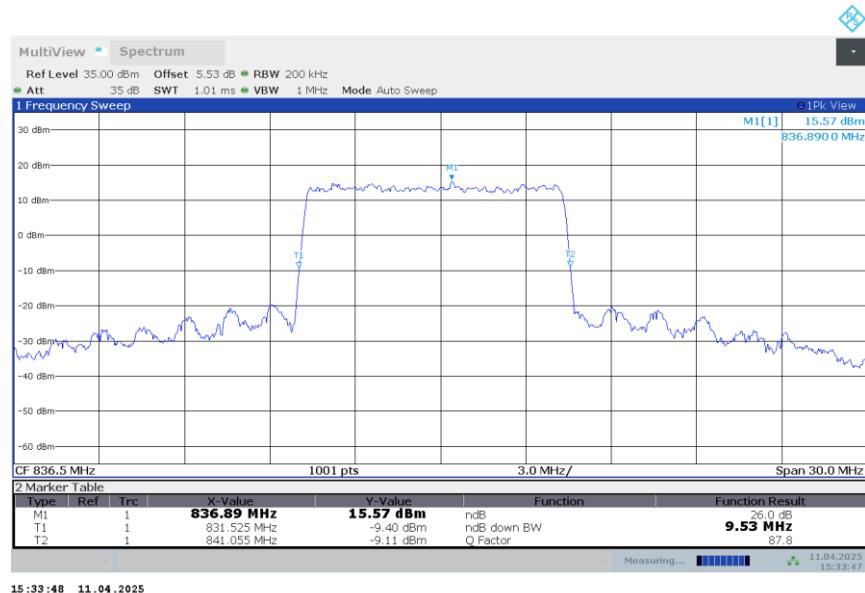
n5,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n5,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n5,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

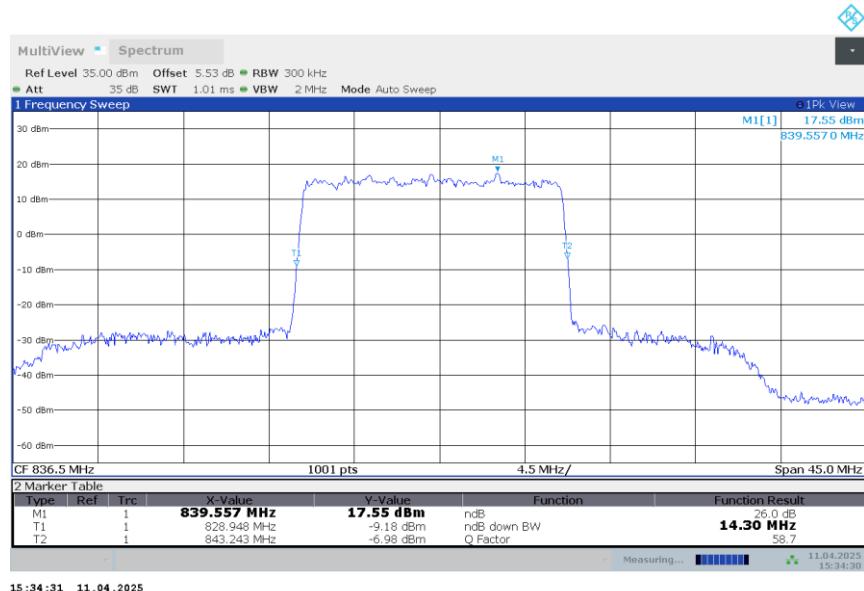


n5

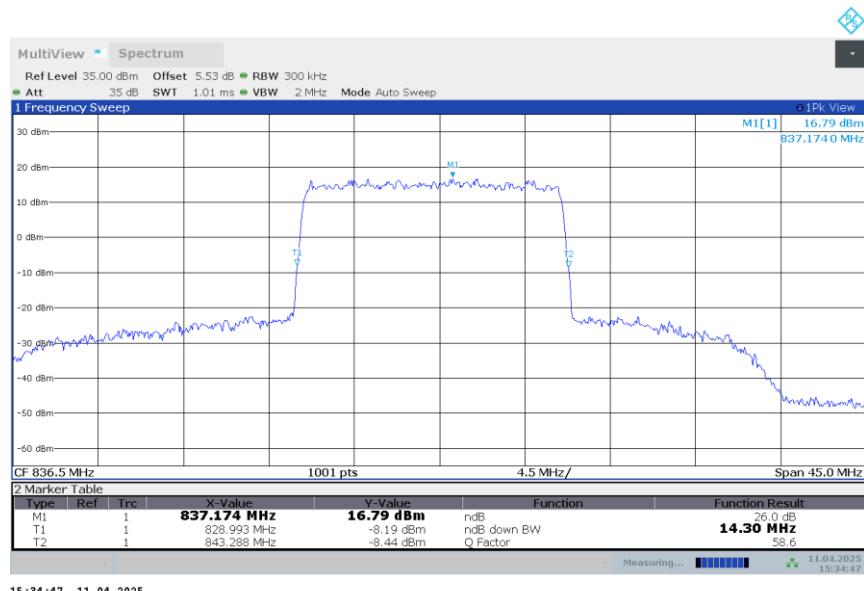
n5,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	14.296	14.296	14.296

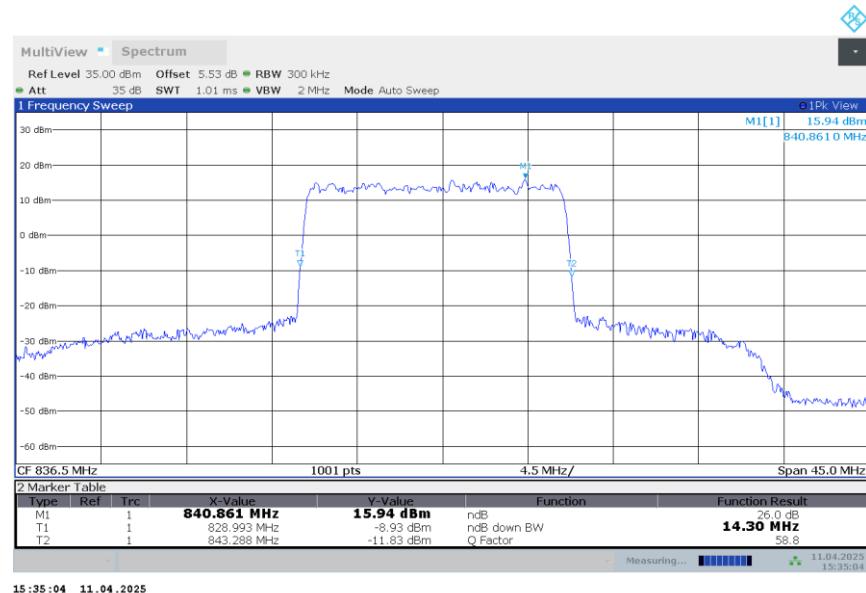
n5,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n5,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n5,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

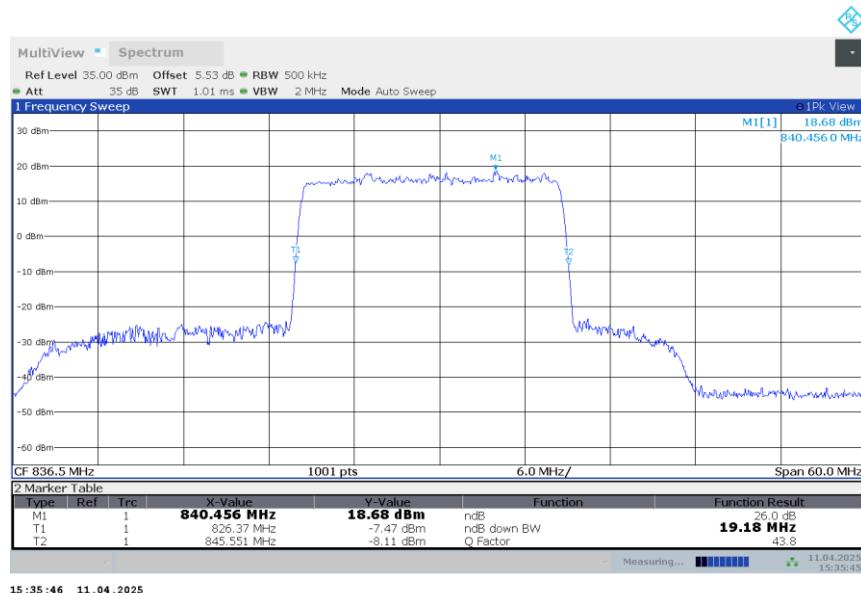


n5

n5,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	19.181	19.121	19.181

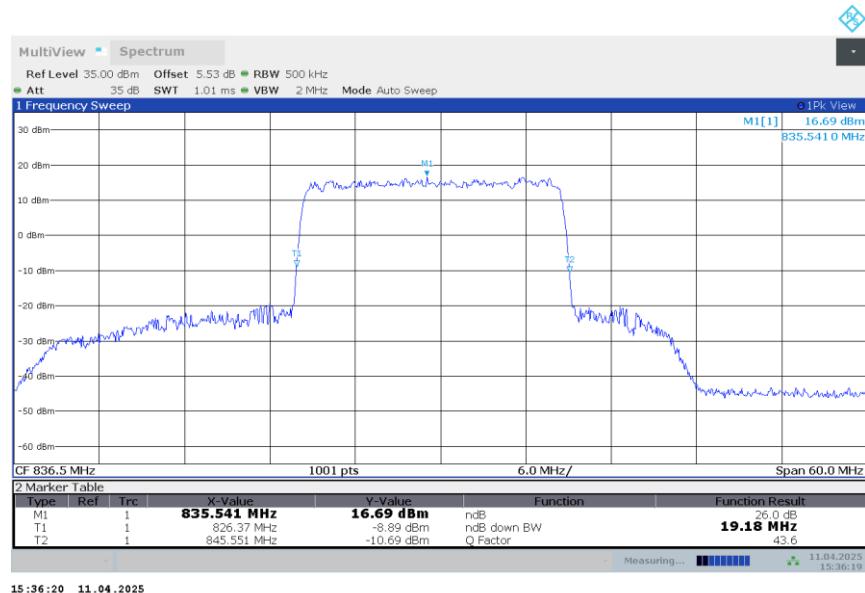
n5,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n5,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n5,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

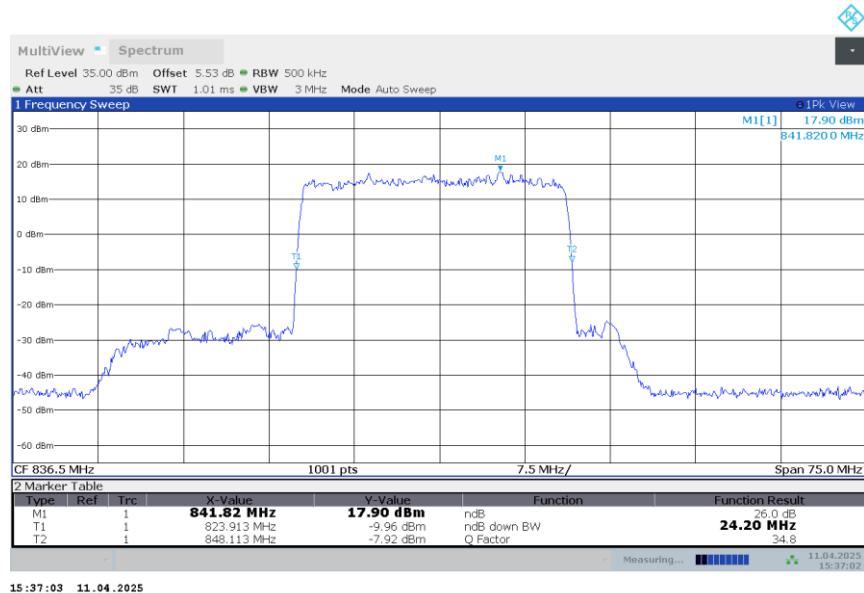


n5

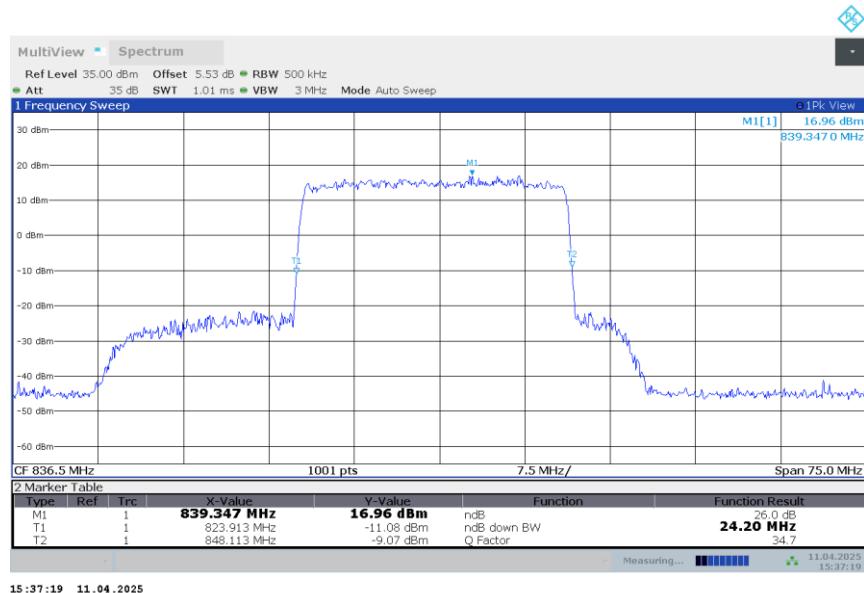
n5,25MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
836.5	24.201	24.201	24.201

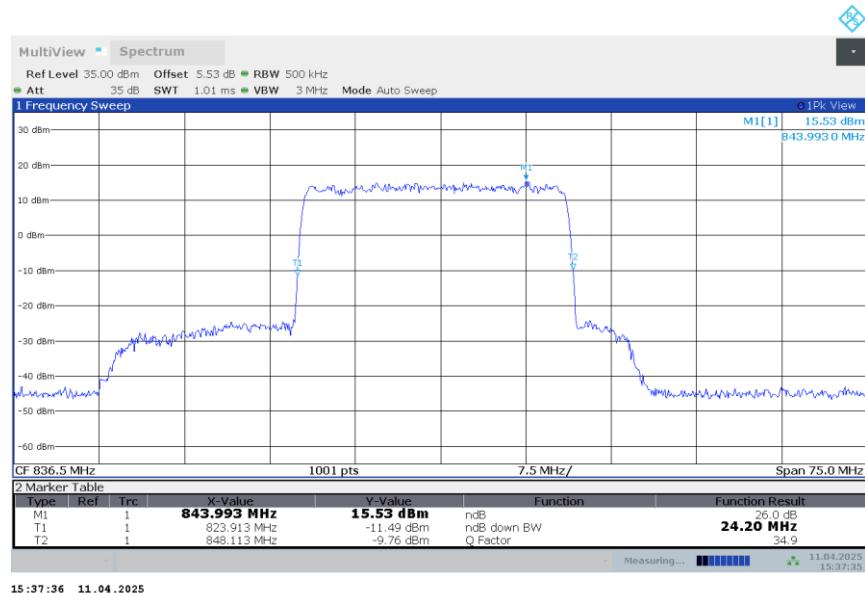
n5,25MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n5,25MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n5,25MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

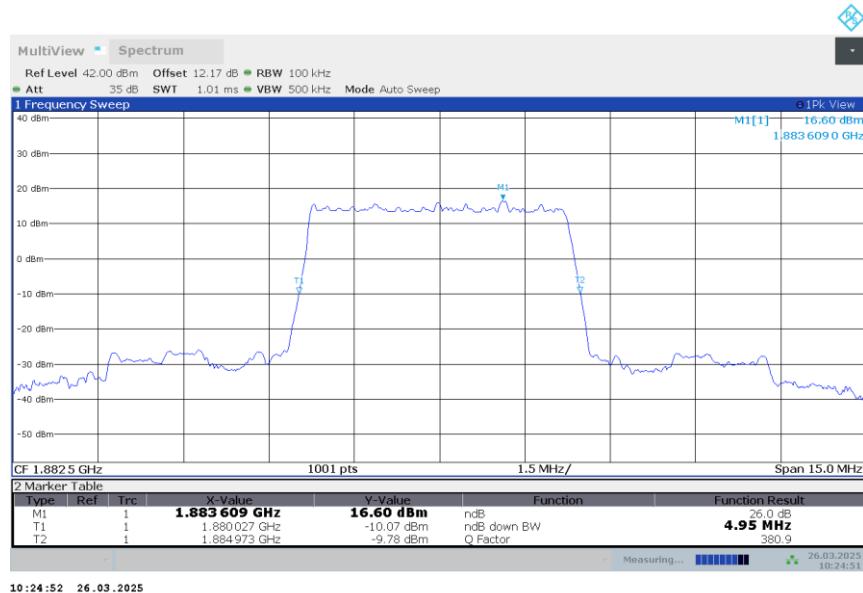


n25

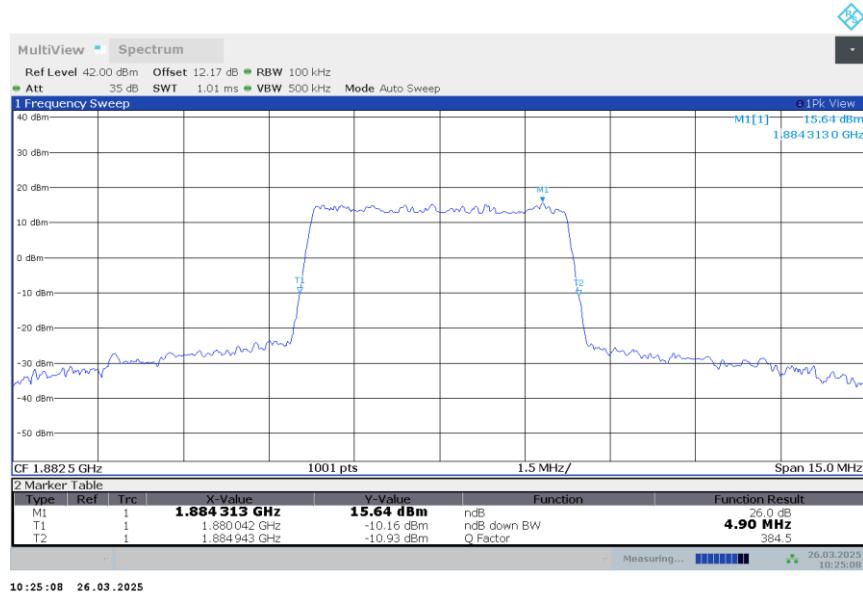
n25,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	4.945	4.900	4.945

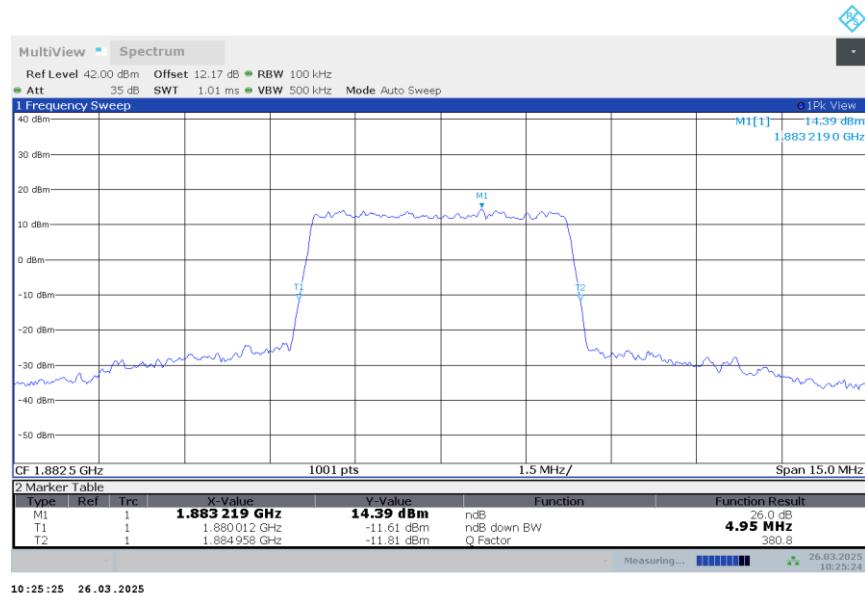
n25,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n25,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

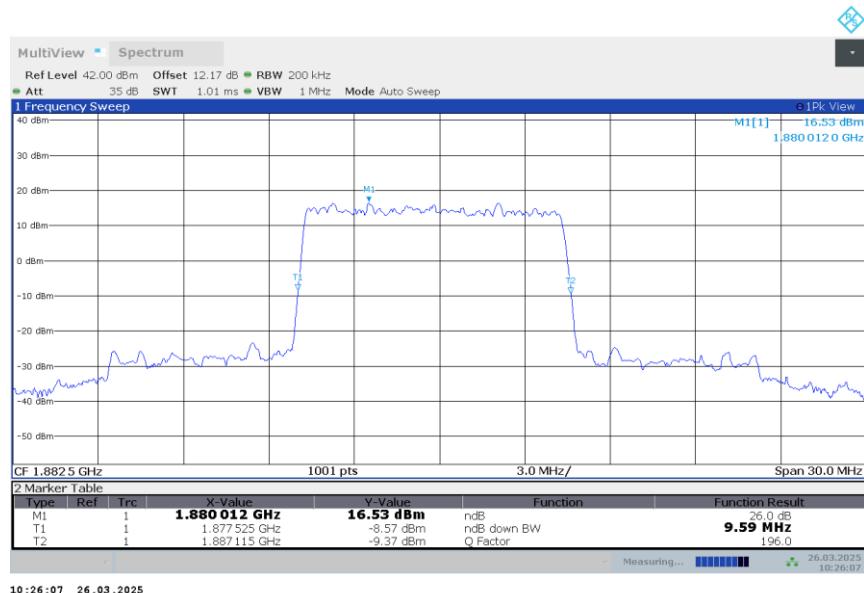


n25

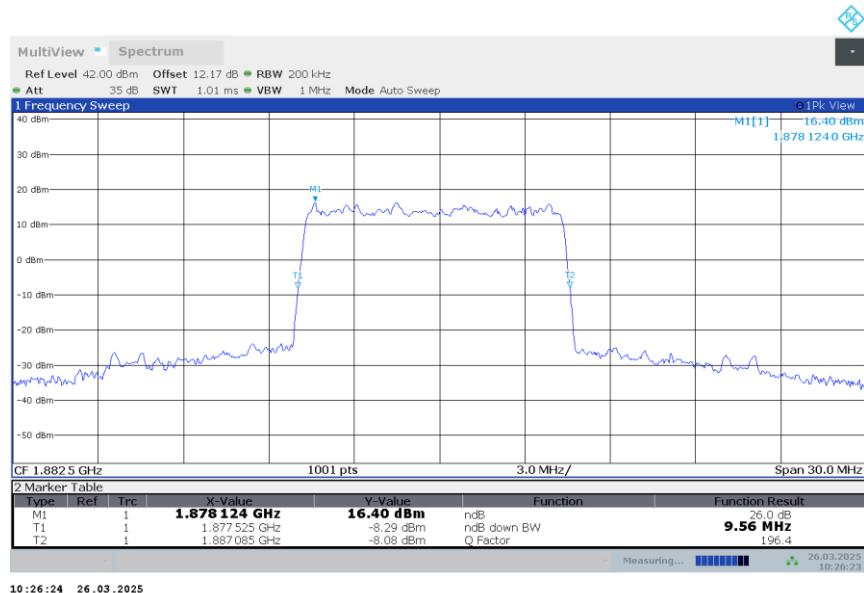
n25,10MHz(-26dBc)

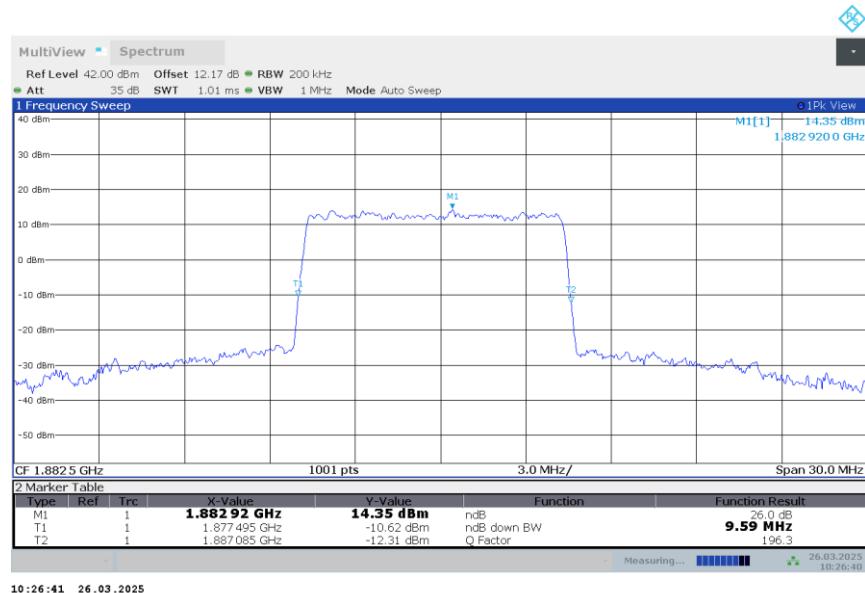
Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	9.590	9.560	9.590

n25,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



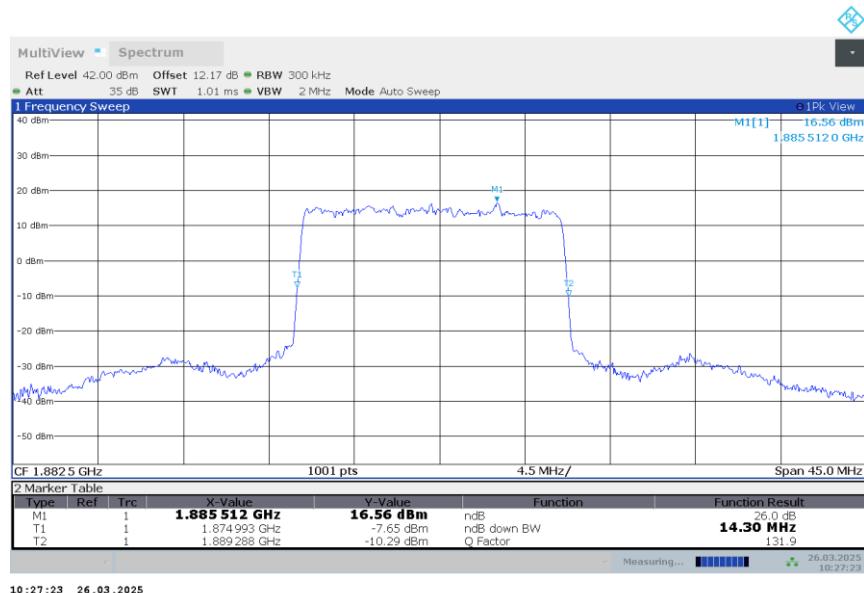
n25,10MHz Bandwidth,DFT-s-16QAM (-26dBc BW)


n25

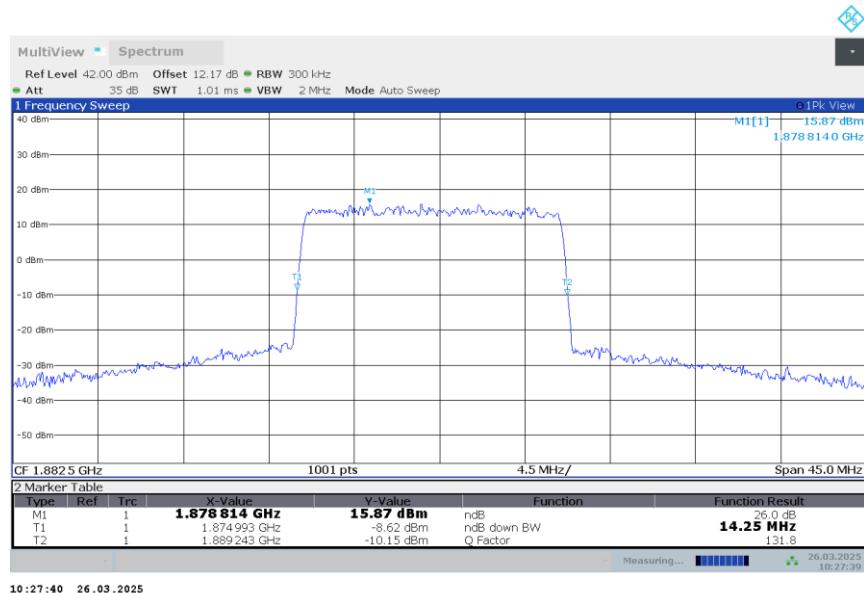
n25,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	14.296	14.251	14.251

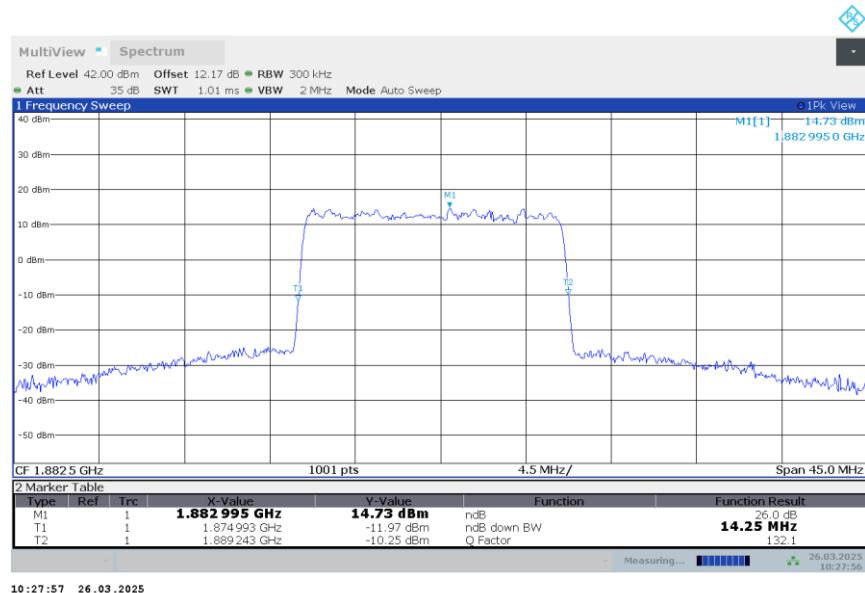
n25,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n25,15MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

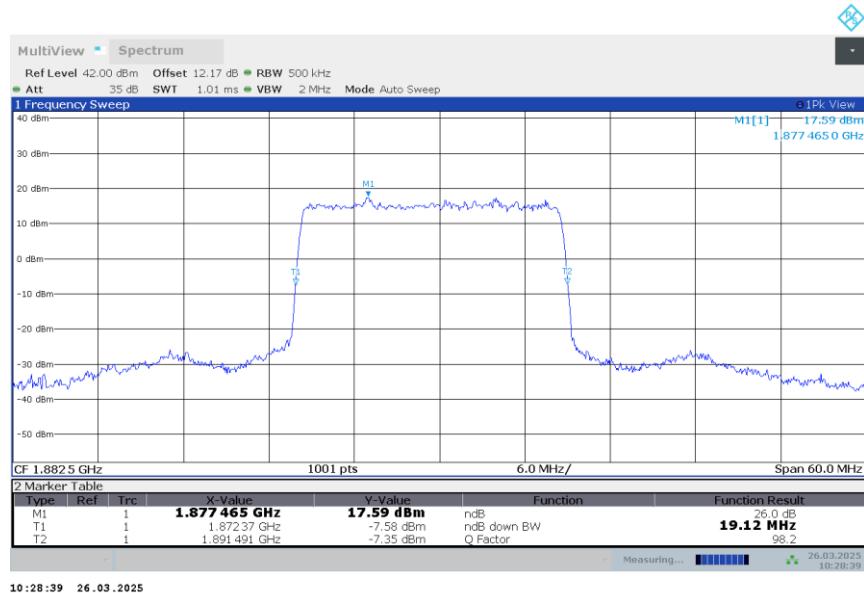


n25

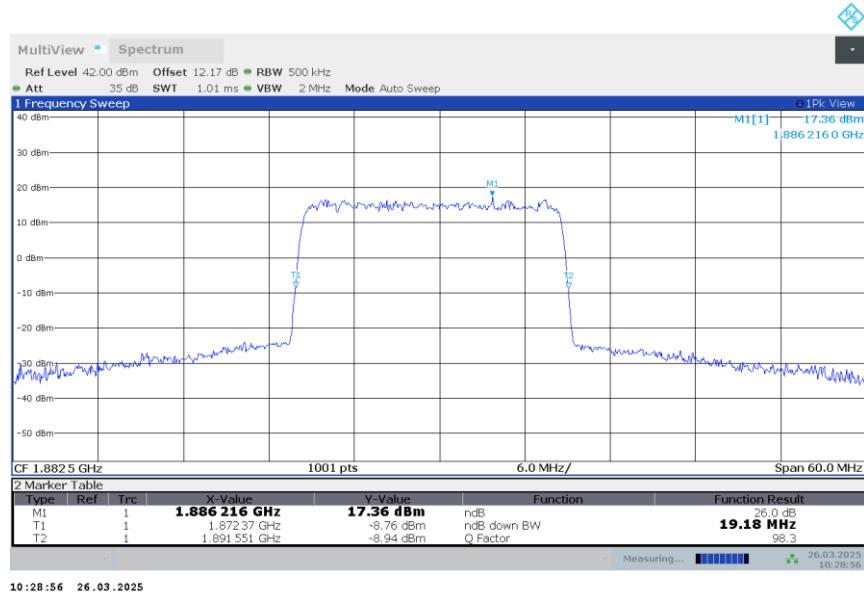
n25,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	19.121	19.181	19.241

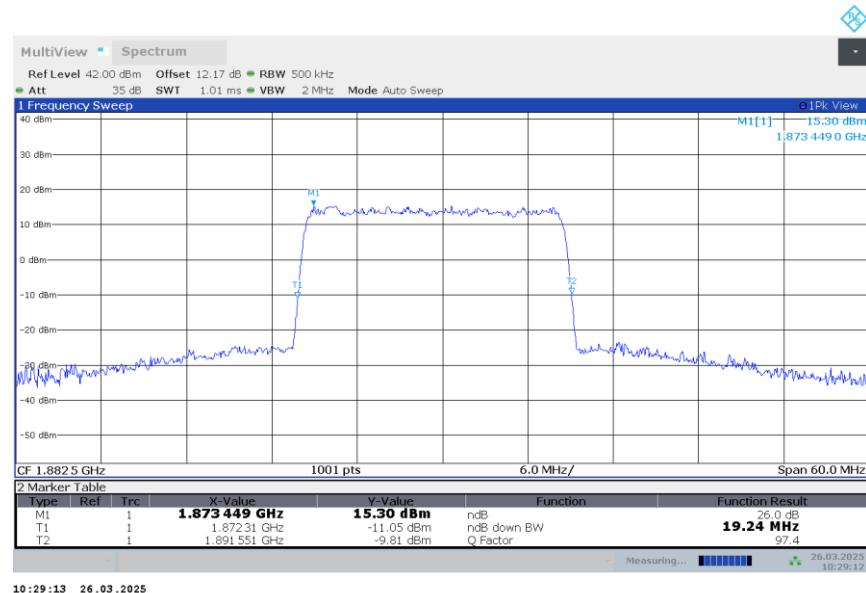
n25,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n25,20MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

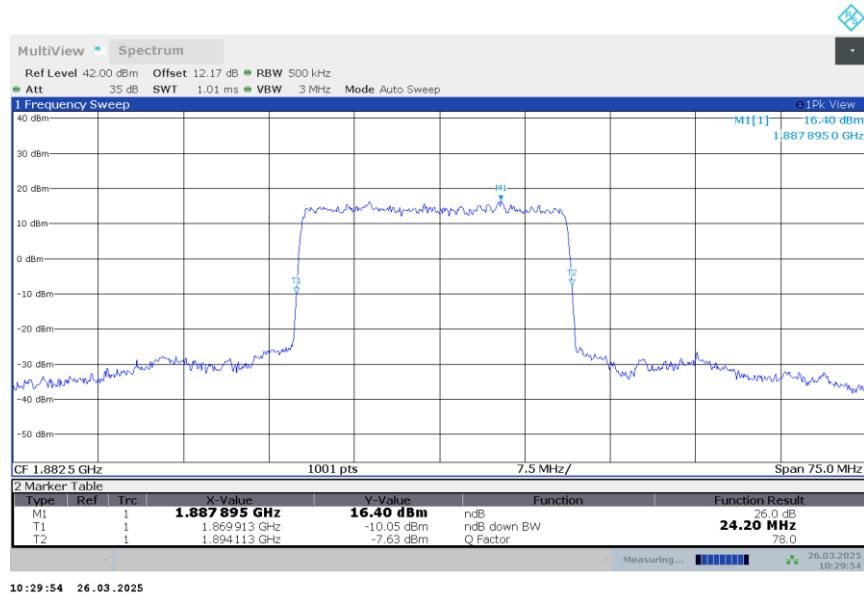


n25

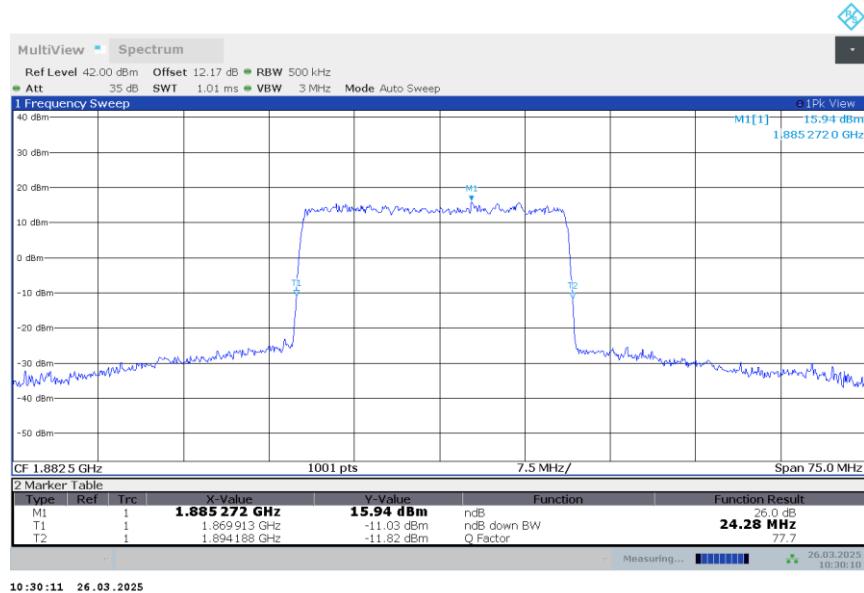
n25,25MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	24.201	24.276	24.201

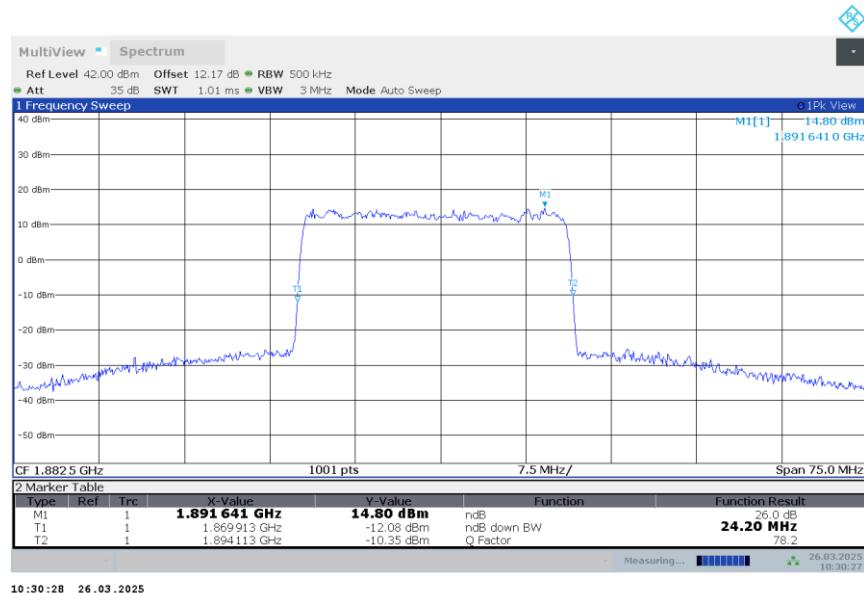
n25,25MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,25MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n25,25MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

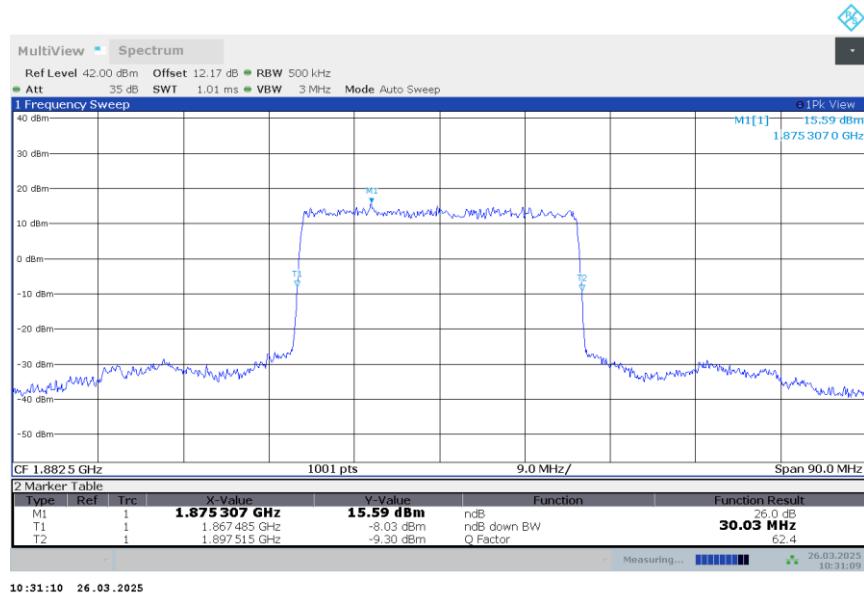


n25

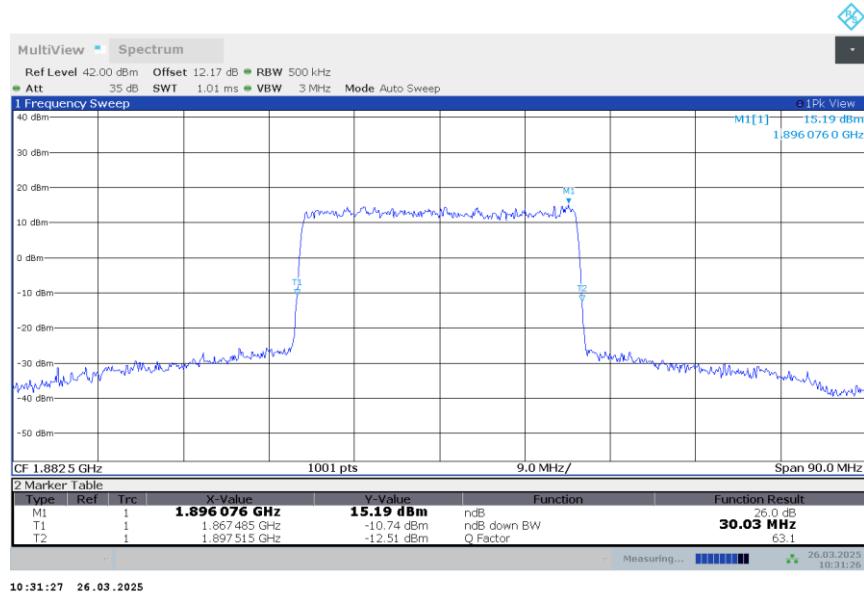
n25,30MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	30.030	30.030	30.030

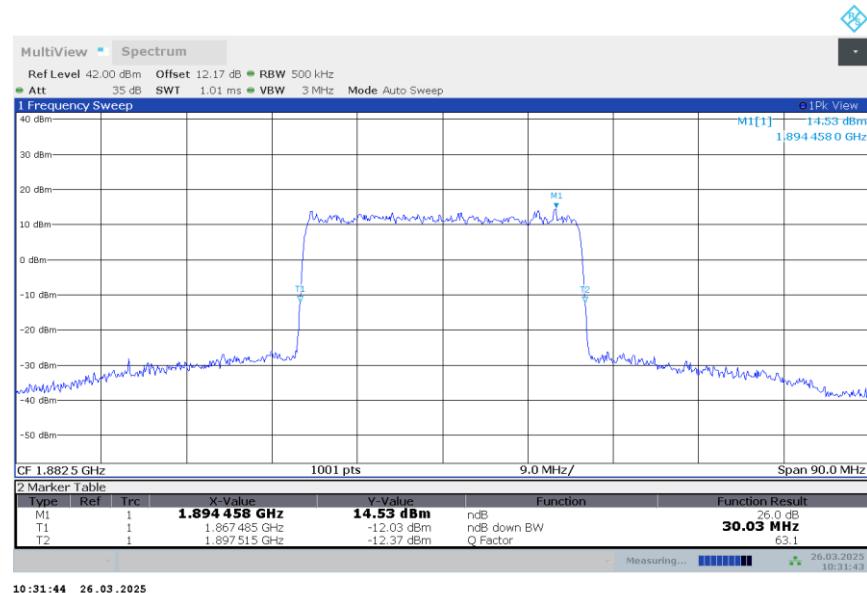
n25,30MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,30MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n25,30MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

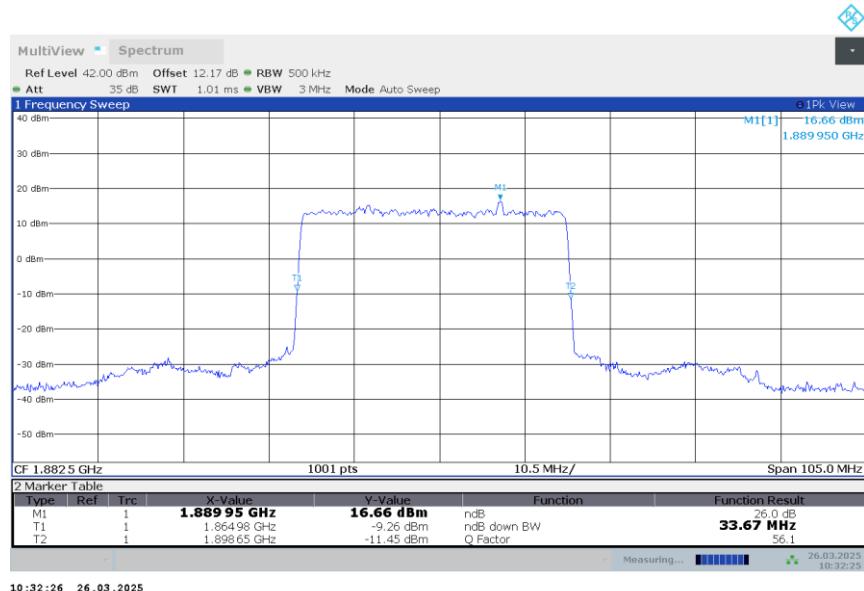


n25

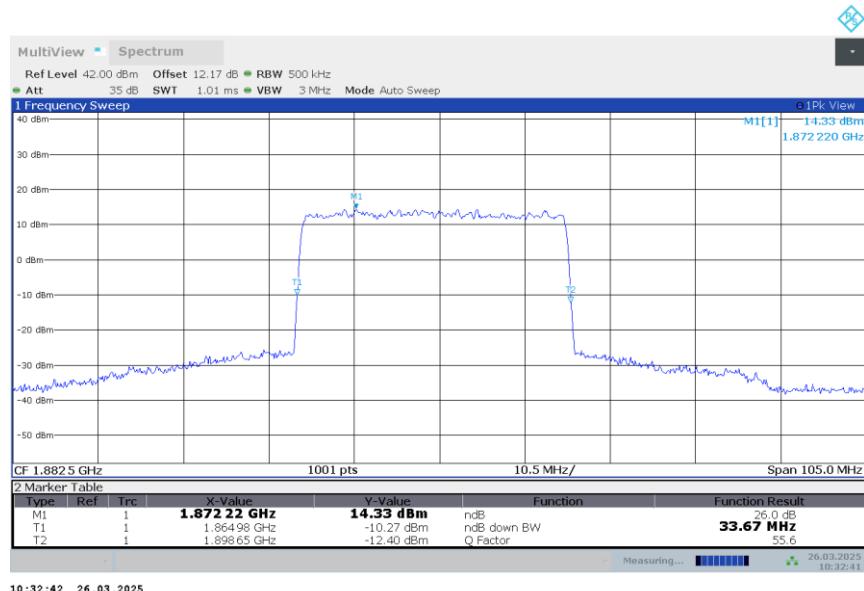
n25,35MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	33.670	33.670	33.670

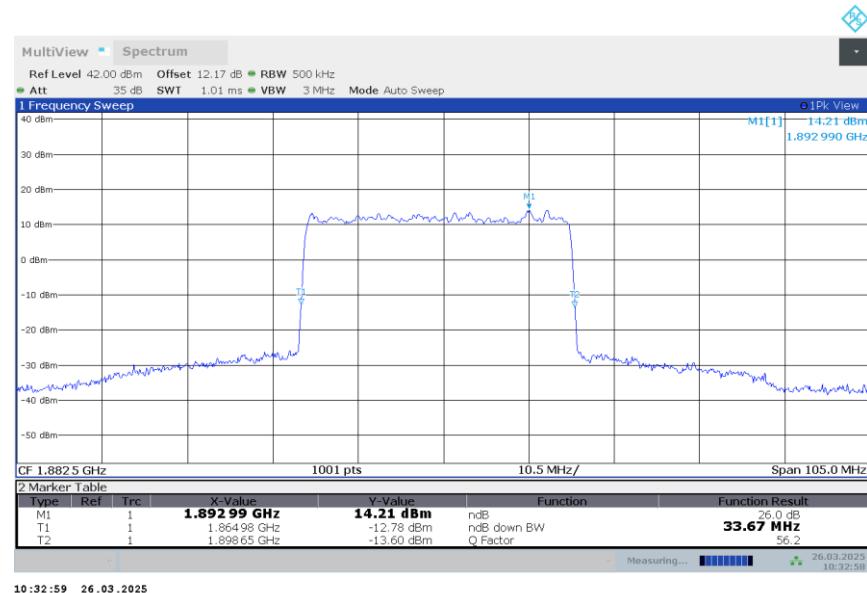
n25,35MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,35MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n25,35MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

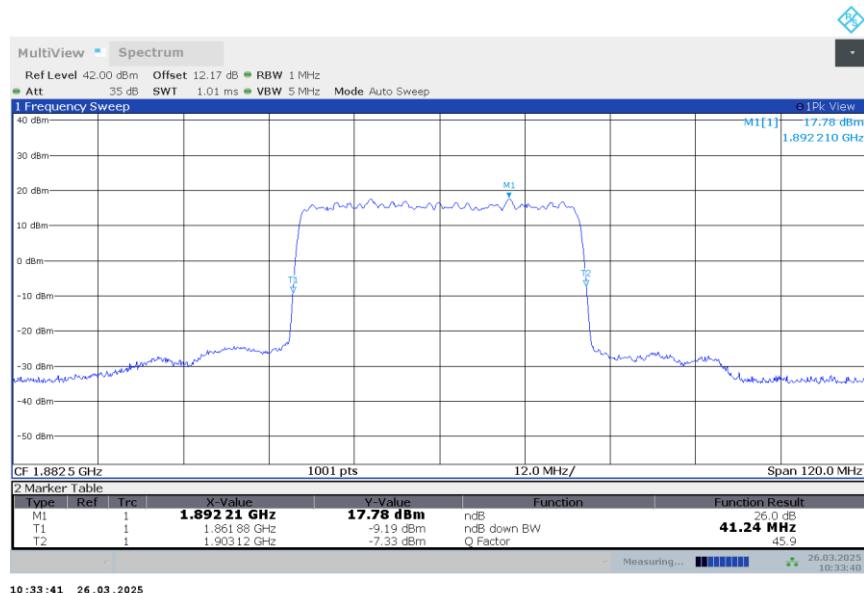


n25

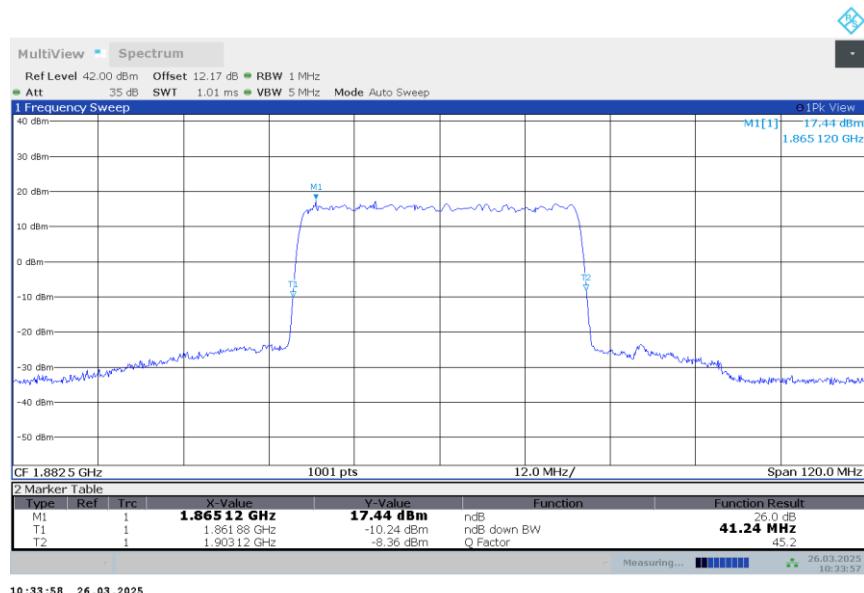
n25,40MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	41.240	41.240	41.240

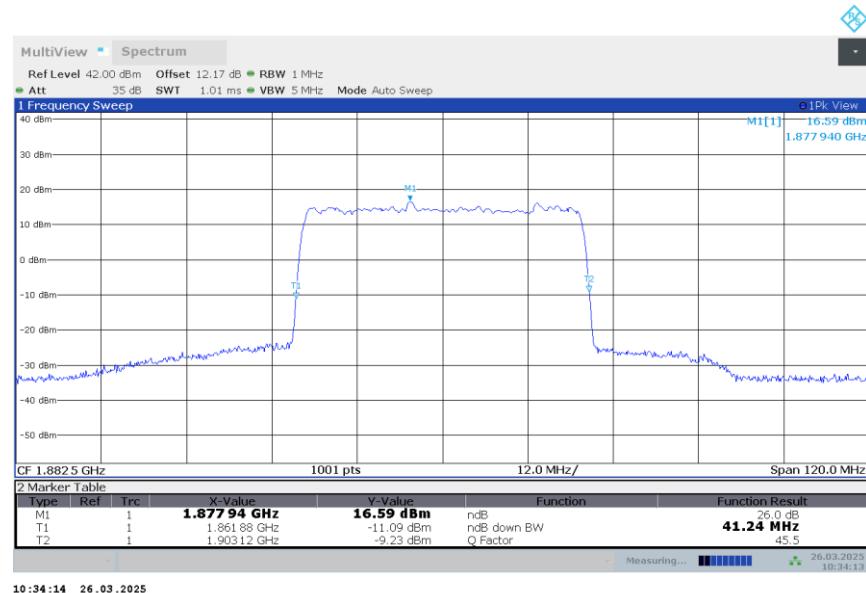
n25,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n25,40MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

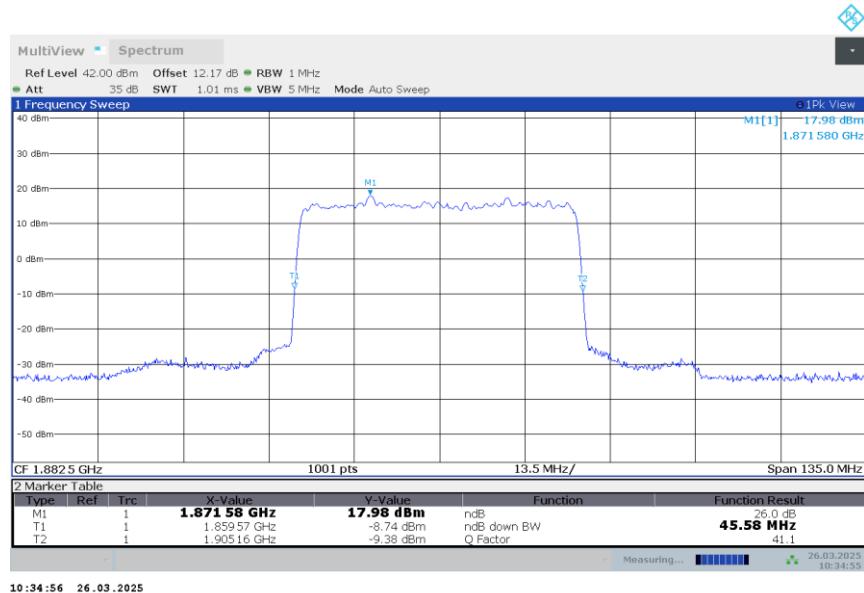


n25

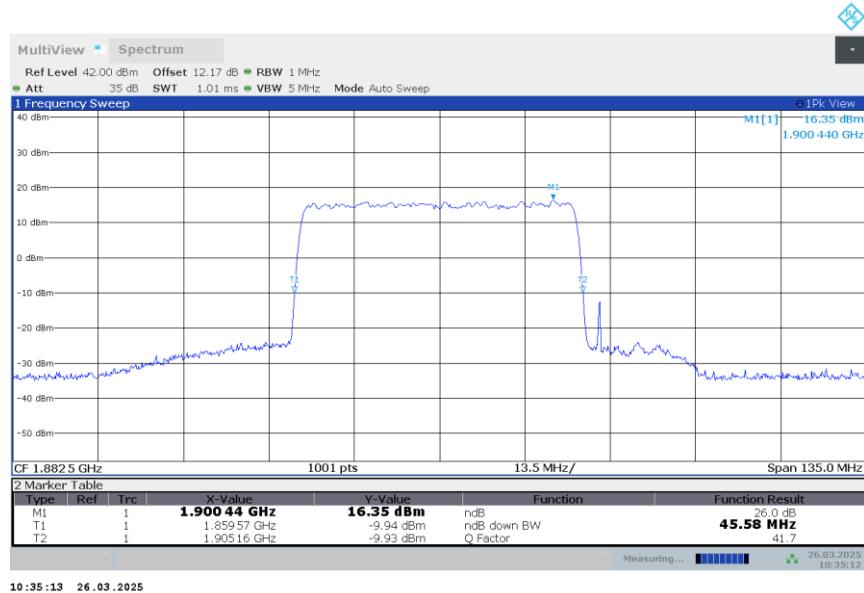
n25,45MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
1882.5	45.580	45.580	45.450

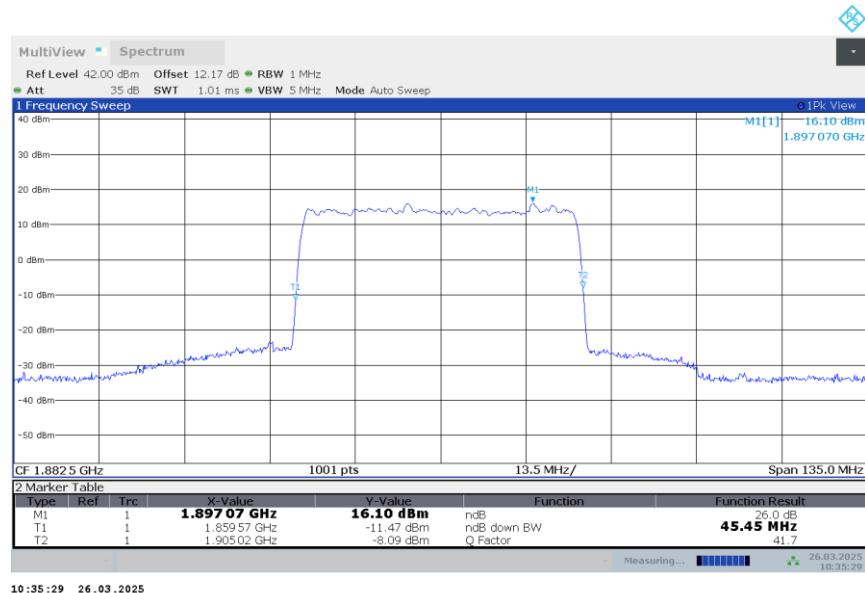
n25,45MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n25,45MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n25,45MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

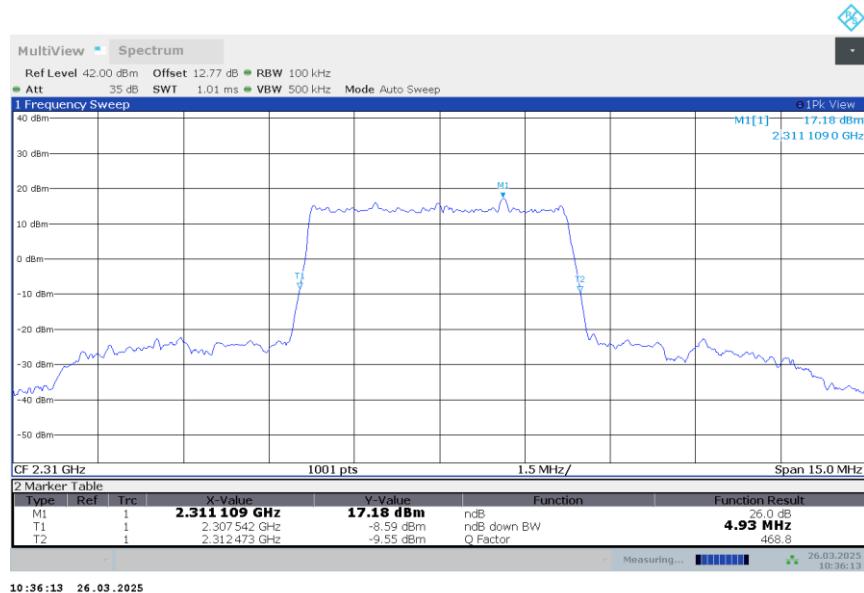


n30

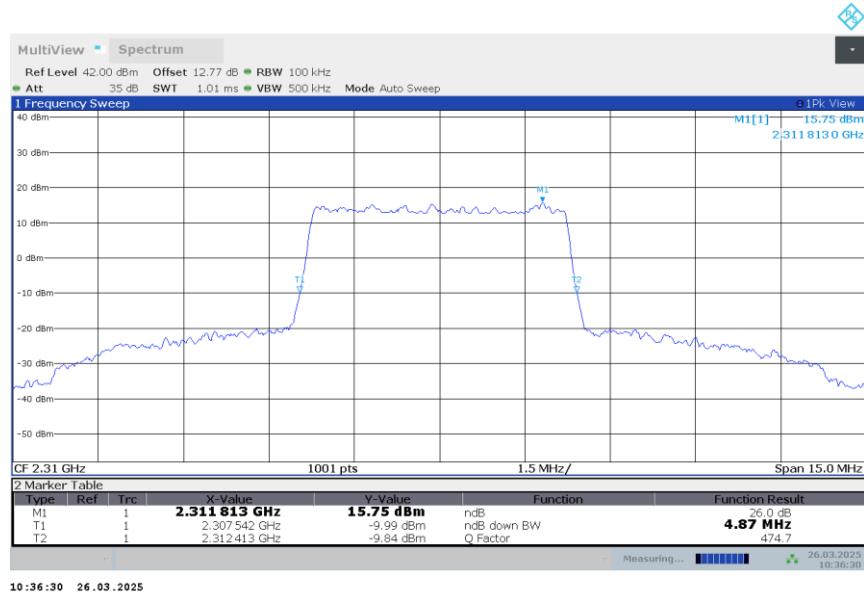
n30,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
2310	4.930	4.870	4.945

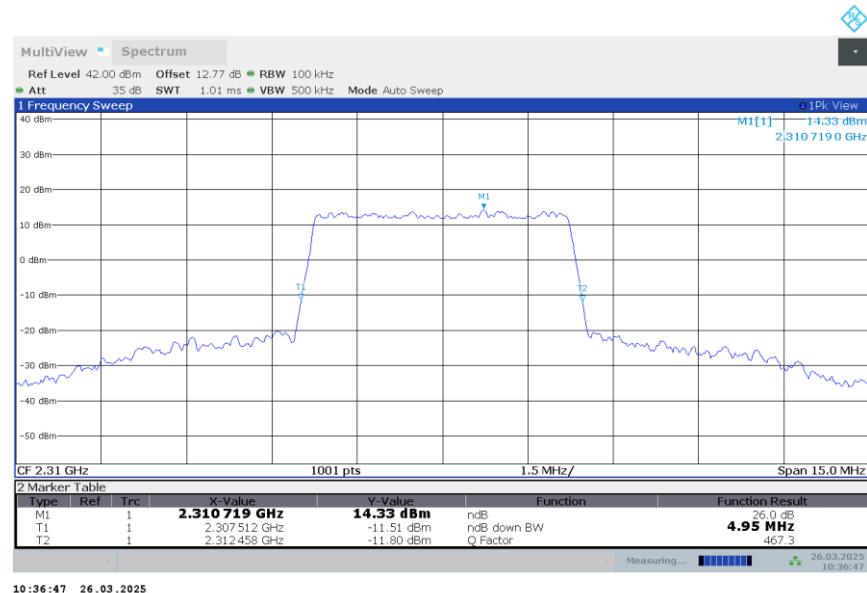
n30,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n30,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n30,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)

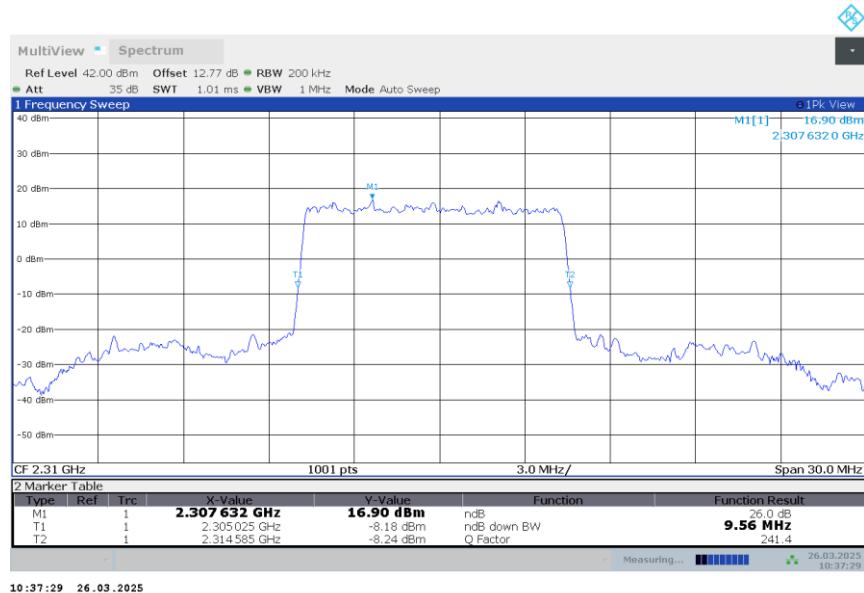


n30

n30,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM
2310	9.560	9.590	9.590

n30,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n30,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

