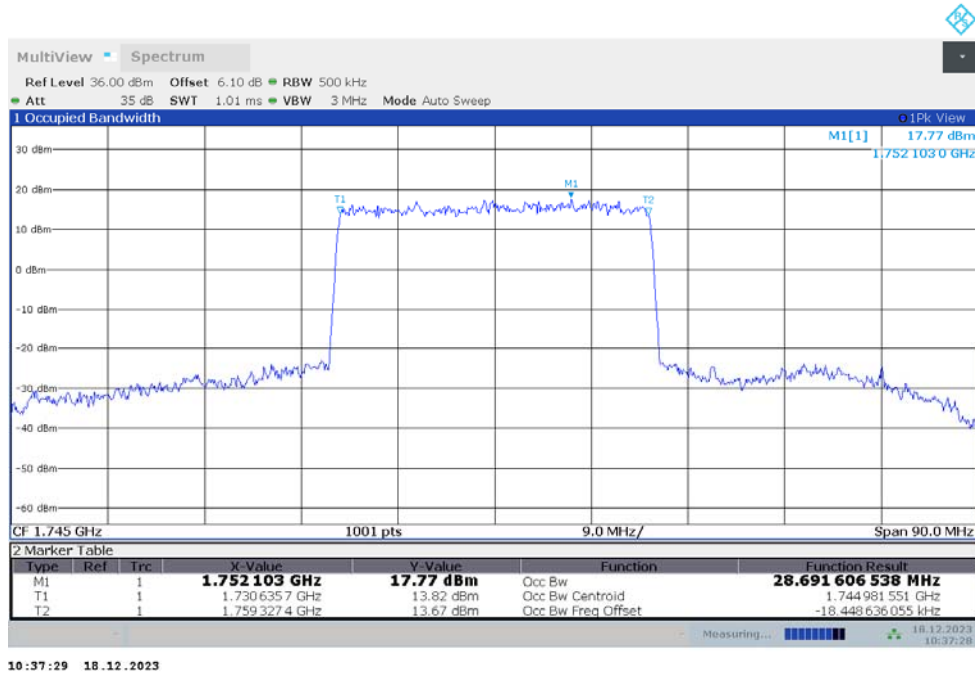
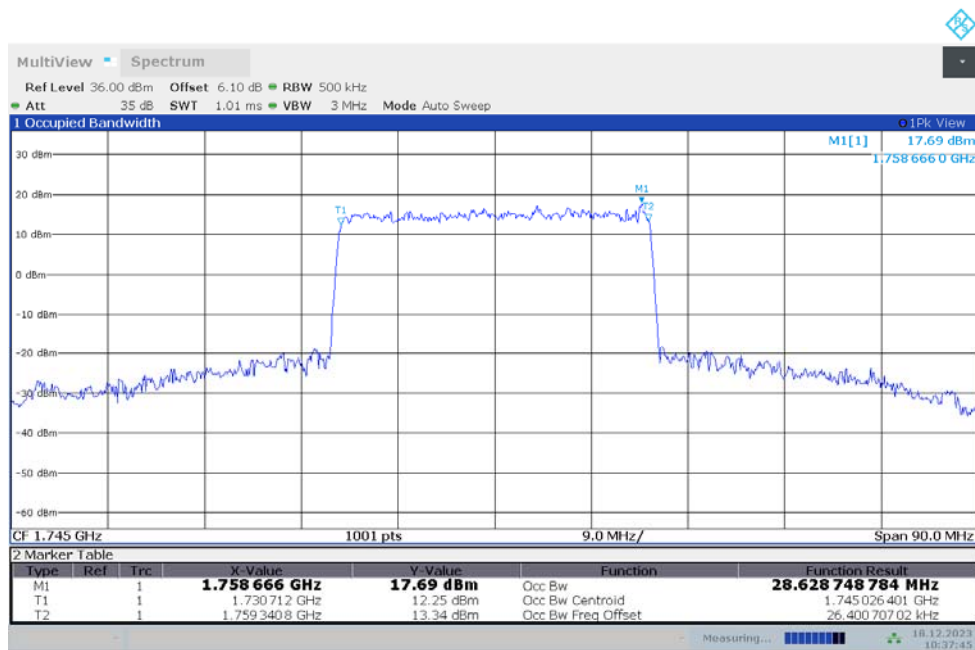


**n66,30MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	28.692	28.629

**n66,30MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**


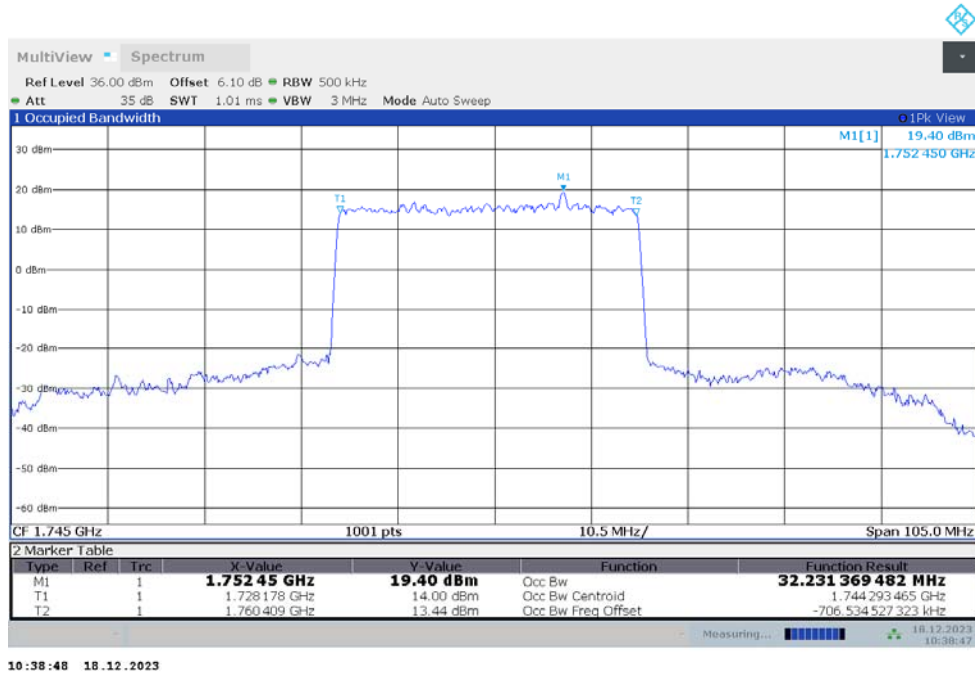
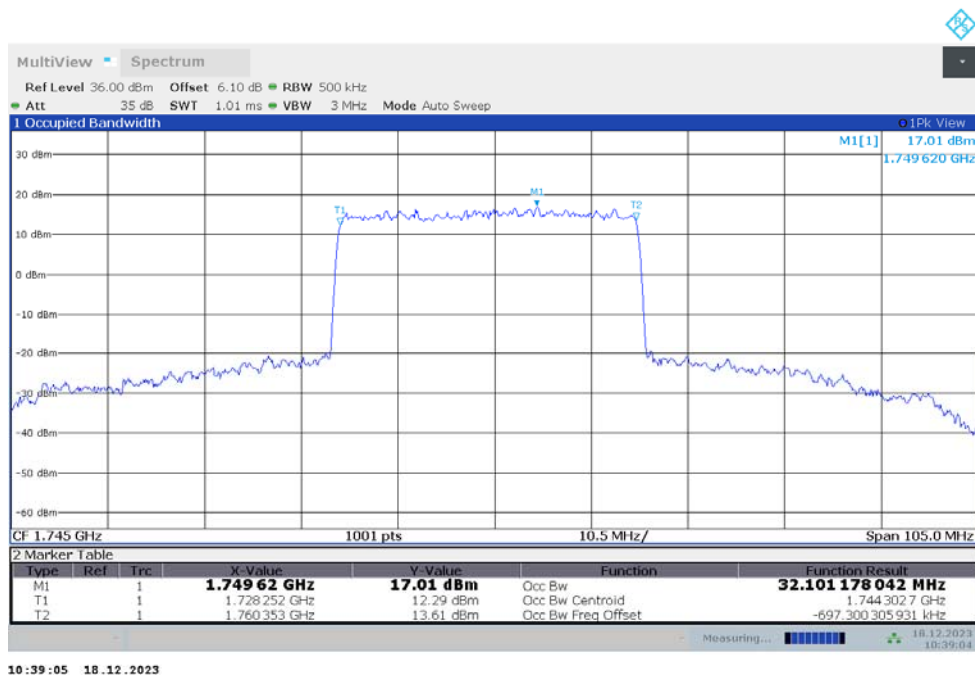
10:37:29 18.12.2023

**n66,30MHz Bandwidth,DFT-s-QPSK (99% BW)**


10:37:46 18.12.2023

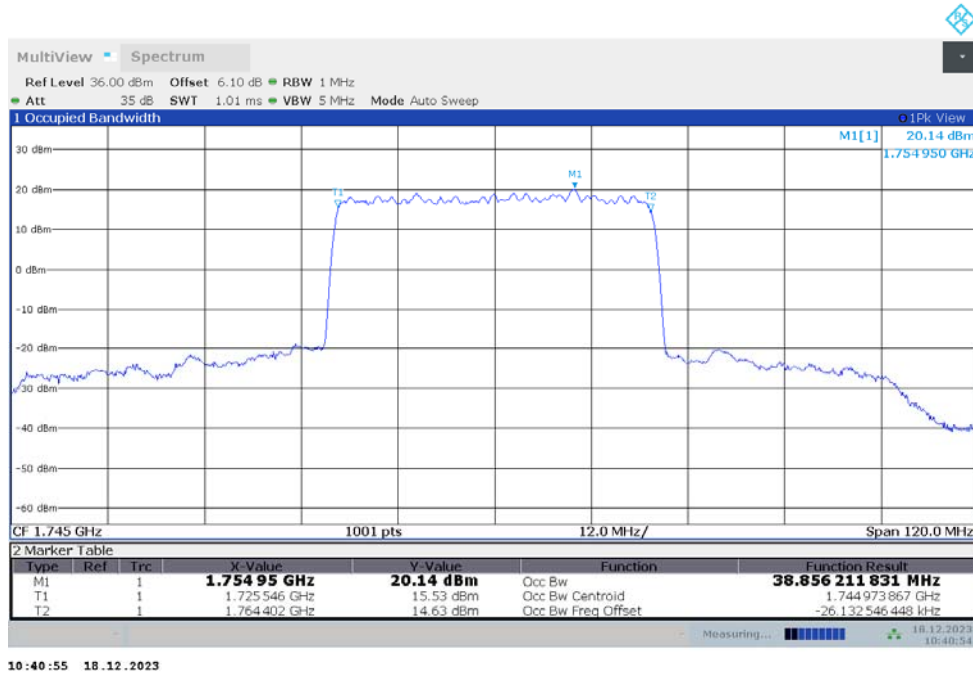
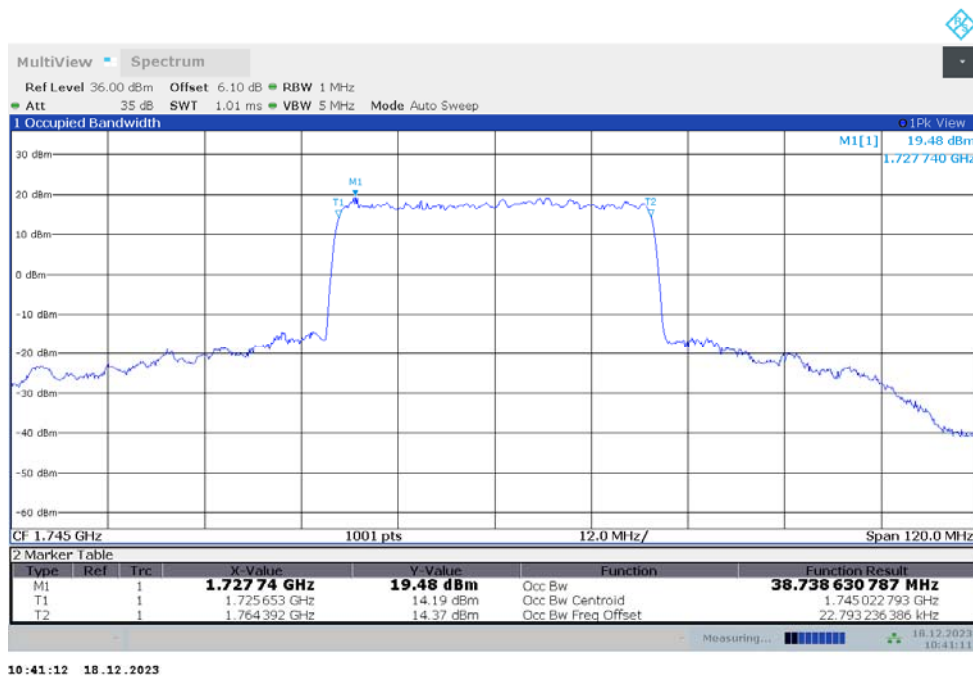
**n66,35MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	32.231	32.101

**n66,35MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n66,35MHz Bandwidth,DFT-s-QPSK (99% BW)**


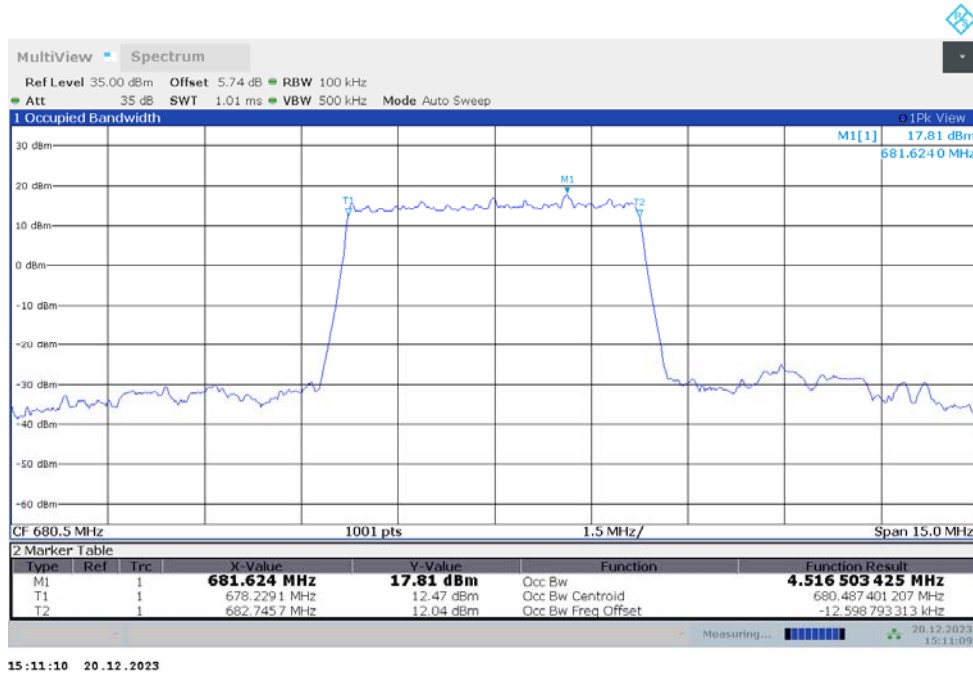
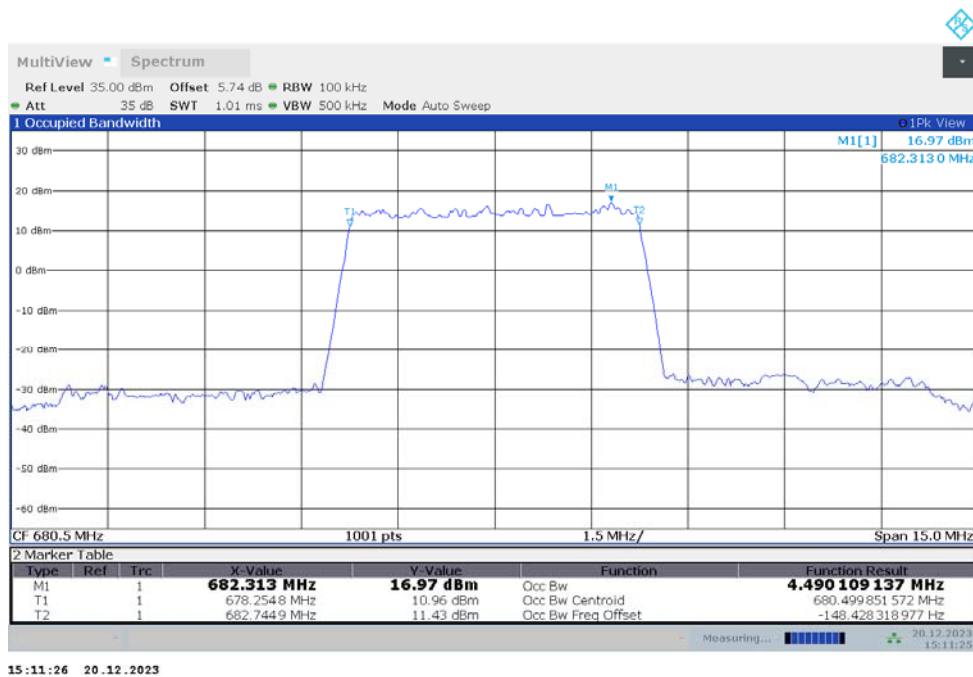
**n66,40MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1745	38.856	38.739

**n66,40MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n66,40MHz Bandwidth,DFT-s-QPSK (99% BW)**


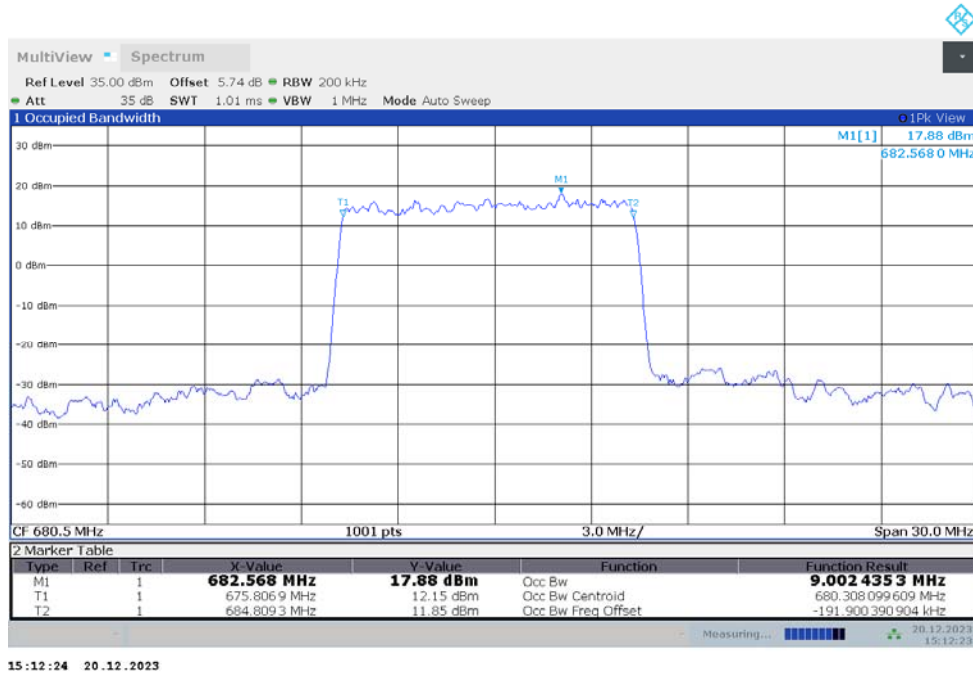
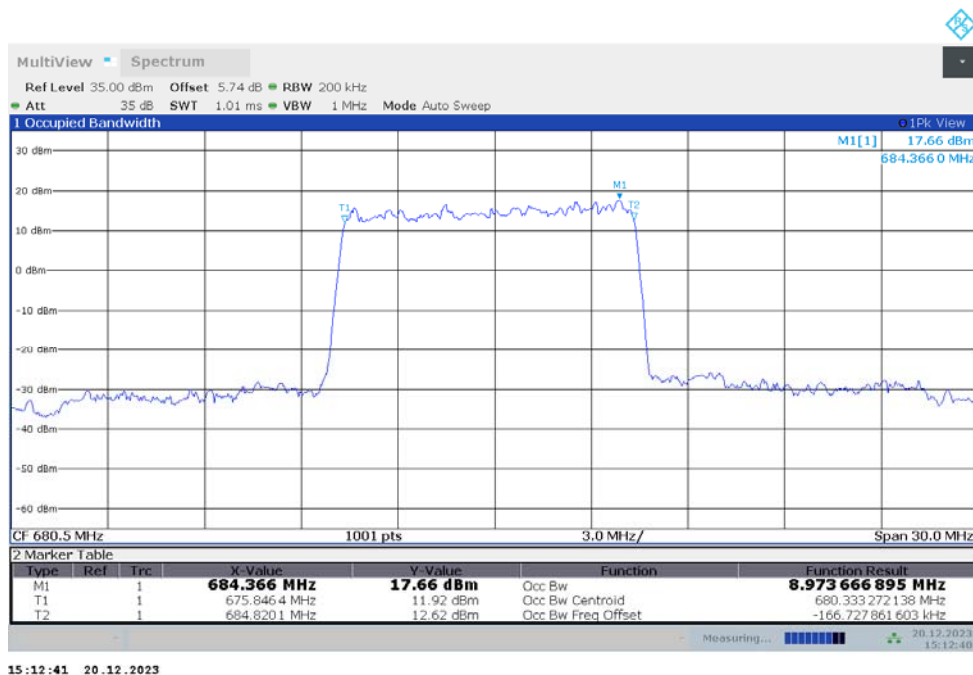
**n71,5MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	4.517	4.490

**n71,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n71,5MHz Bandwidth,DFT-s-QPSK (99% BW)**


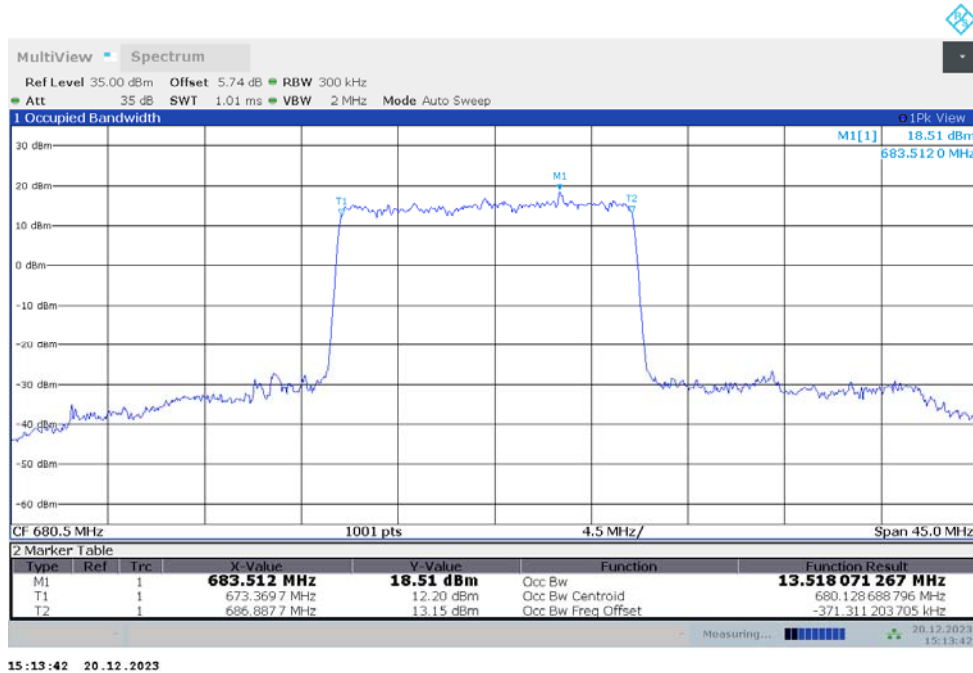
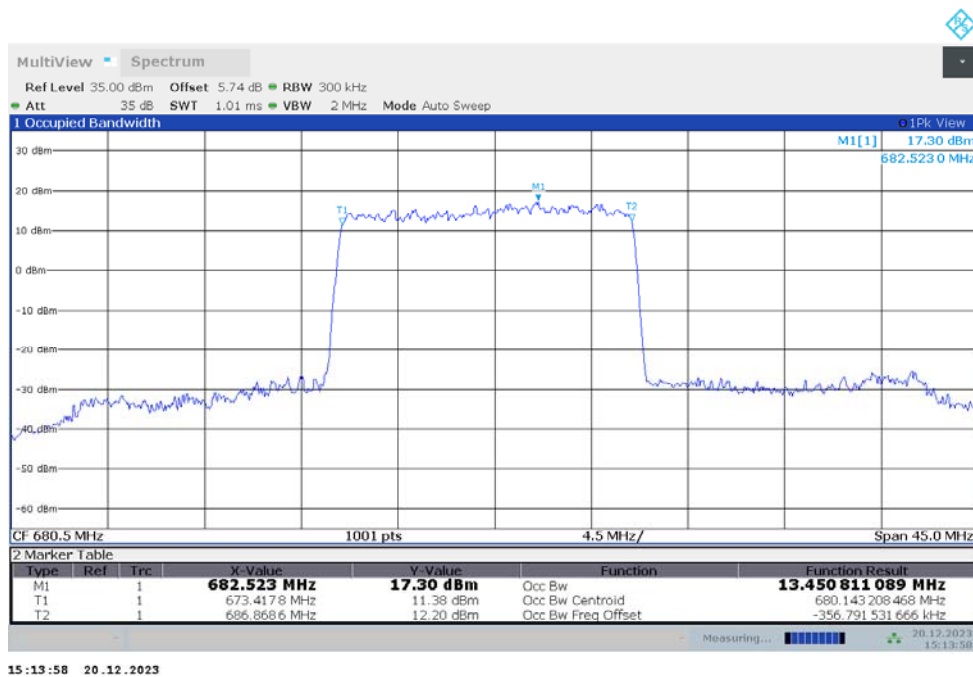
**n71,10MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	9.002	8.974

**n71,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n71,10MHz Bandwidth,DFT-s-QPSK (99% BW)**


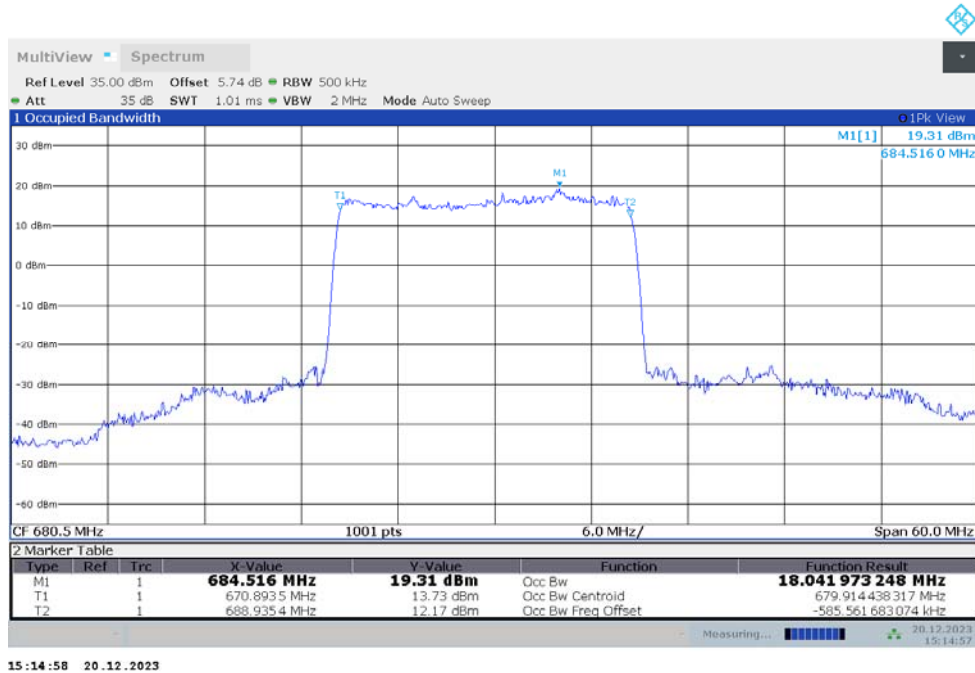
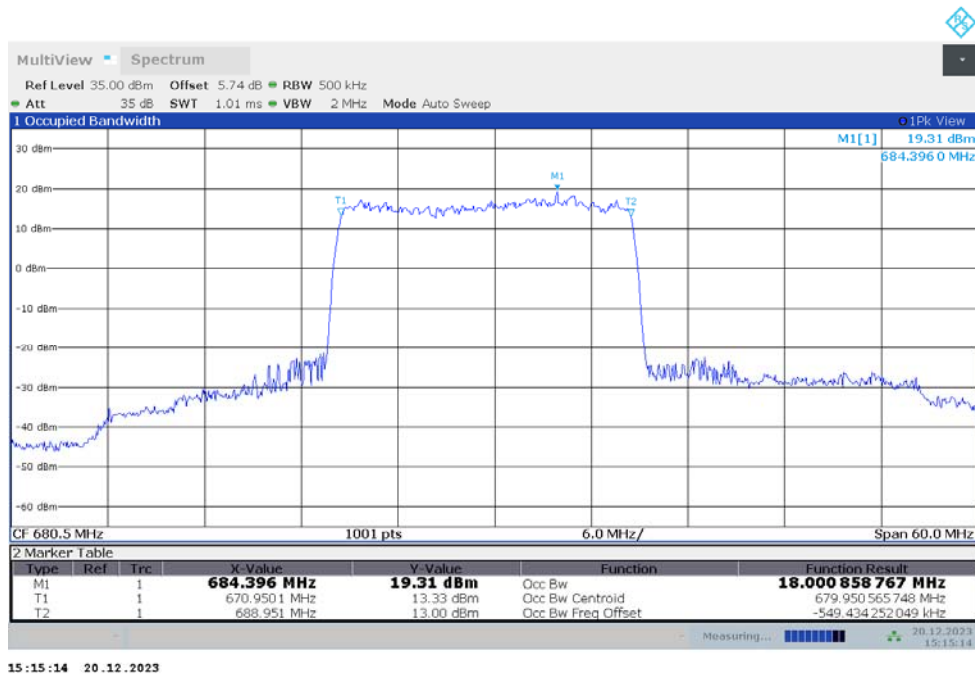
**n71,15MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	13.518	13.451

**n71,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n71,15MHz Bandwidth,DFT-s-QPSK (99% BW)**


**n71,20MHz(99%)**

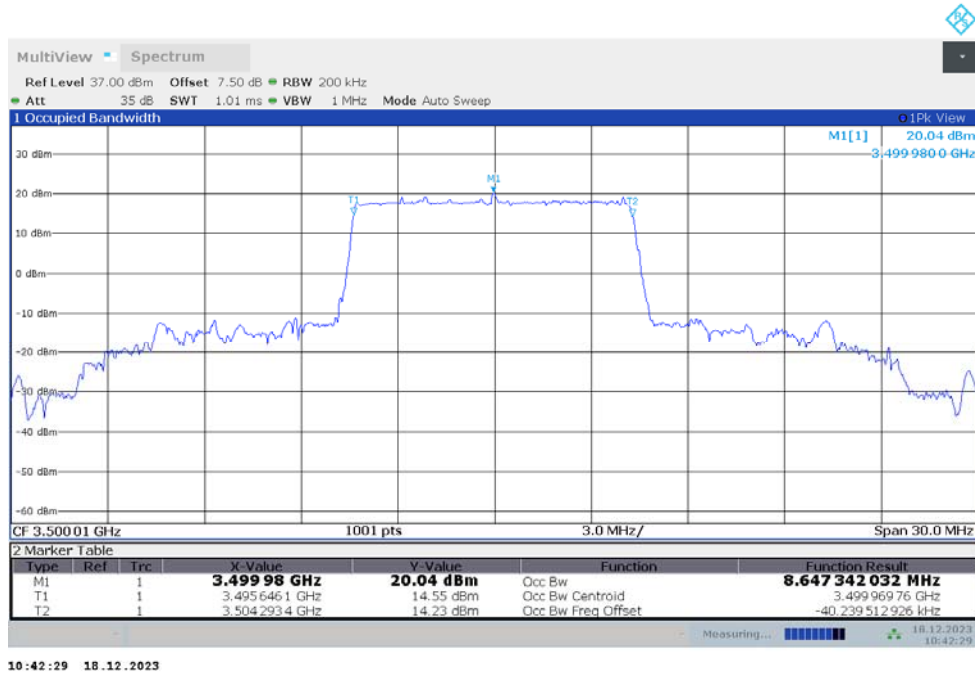
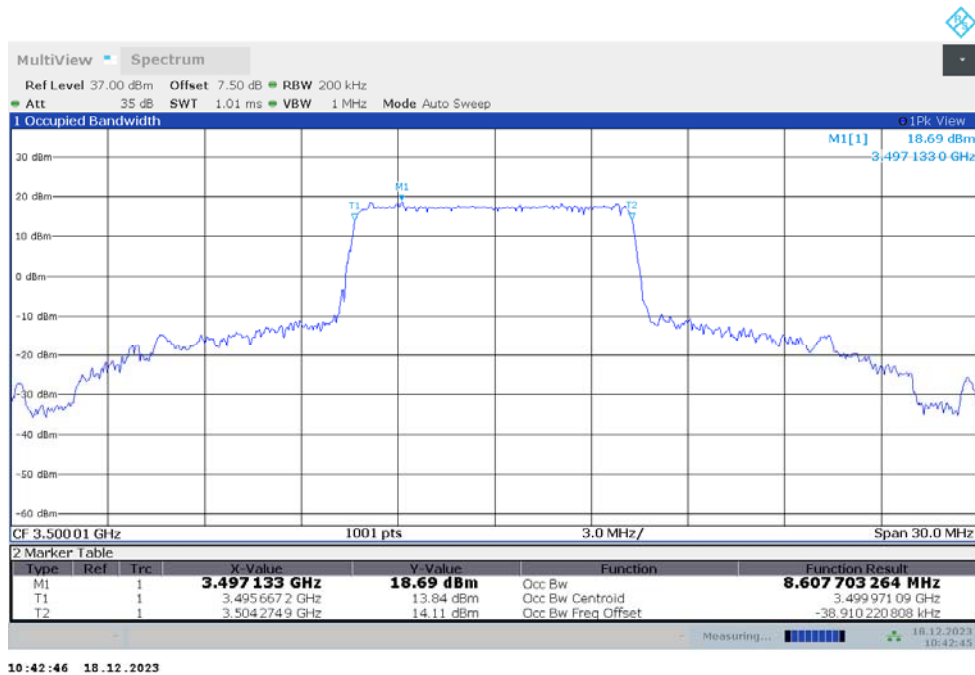
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
680.5	18.042	18.001

**n71,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n71,20MHz Bandwidth,DFT-s-QPSK (99% BW)**




**n77L,10MHz(99%)**

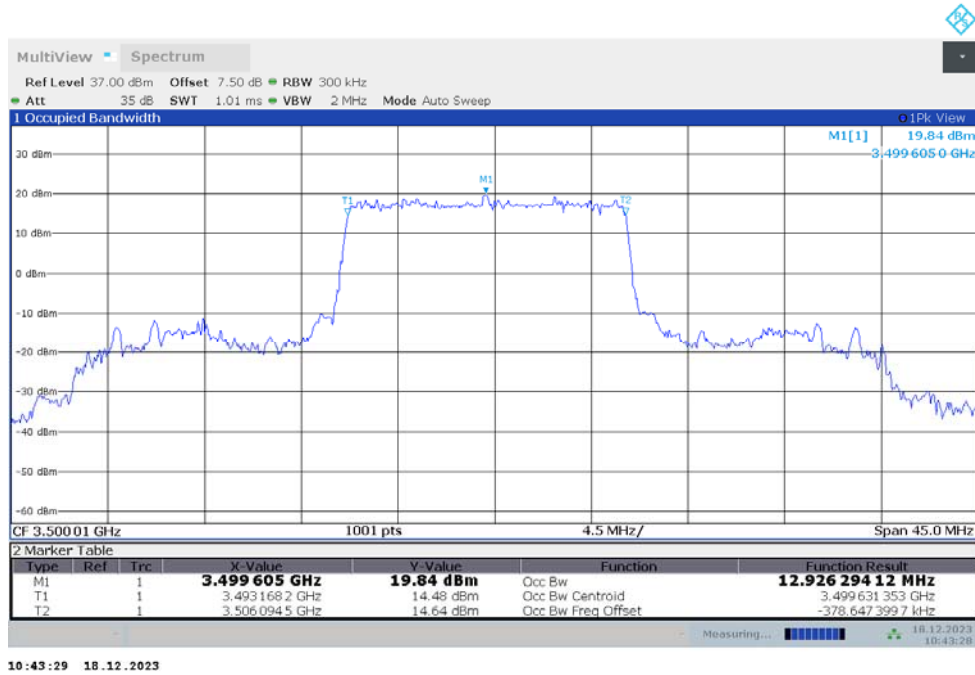
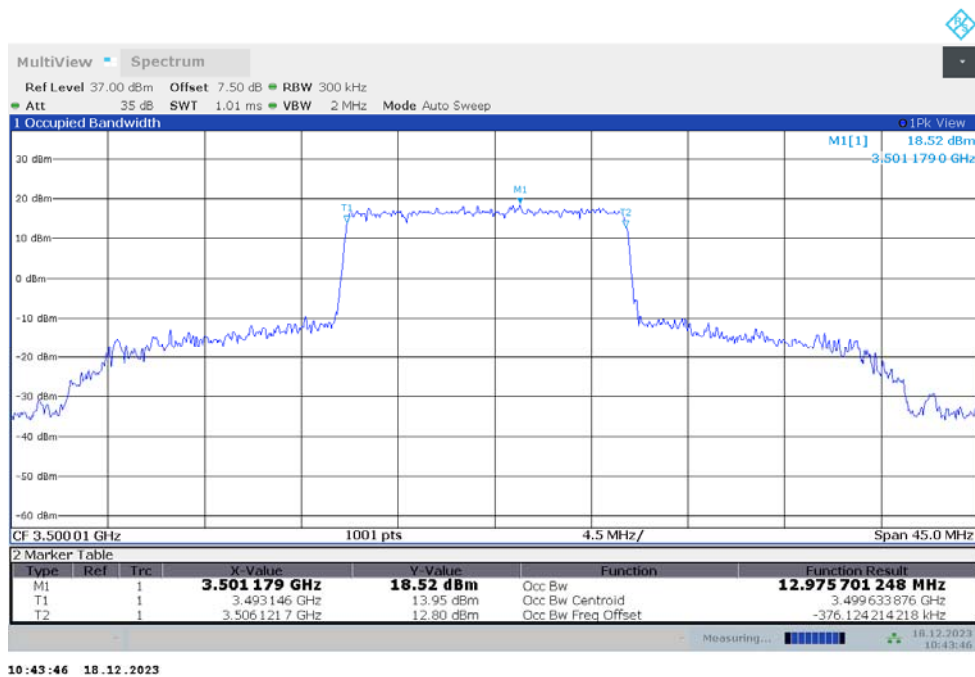
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	8.647	8.608

**n77L,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,10MHz Bandwidth,DFT-s-QPSK (99% BW)**




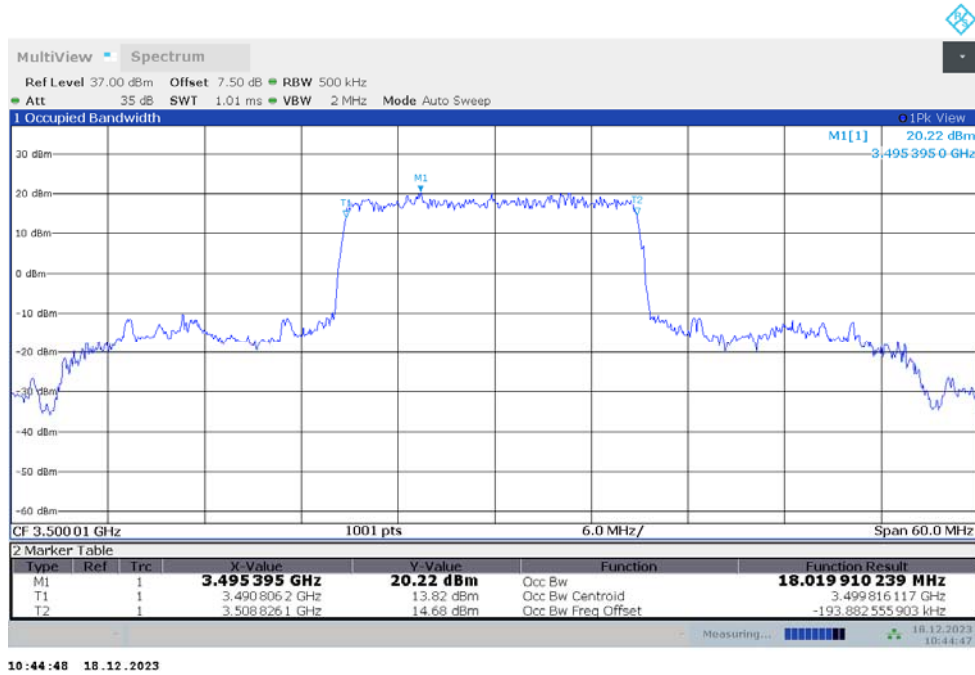
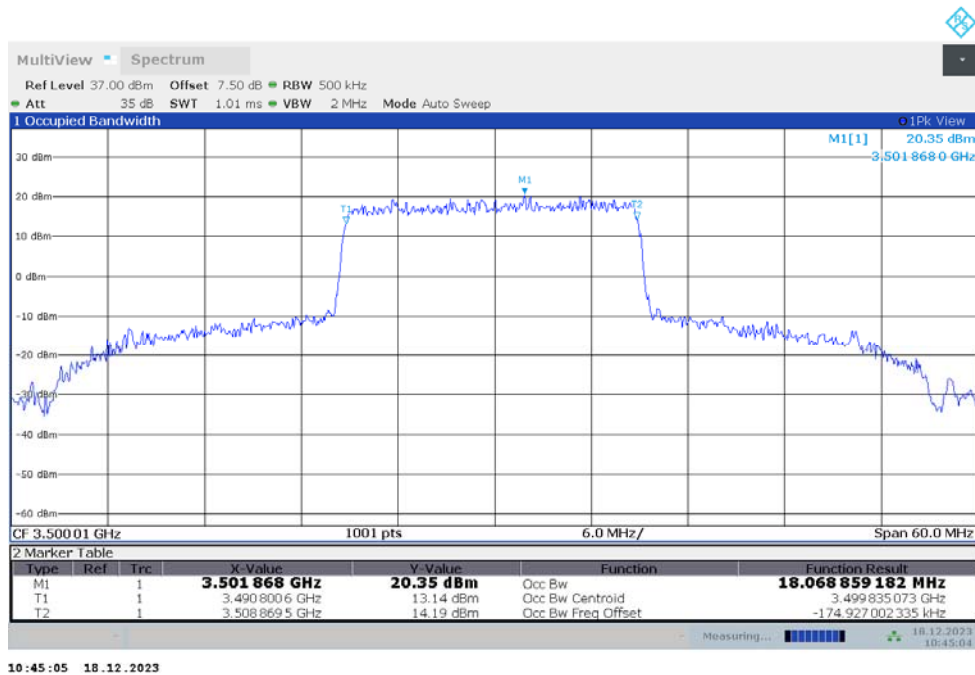
**n77L,15MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	12.926	12.976

**n77L,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,15MHz Bandwidth,DFT-s-QPSK (99% BW)**


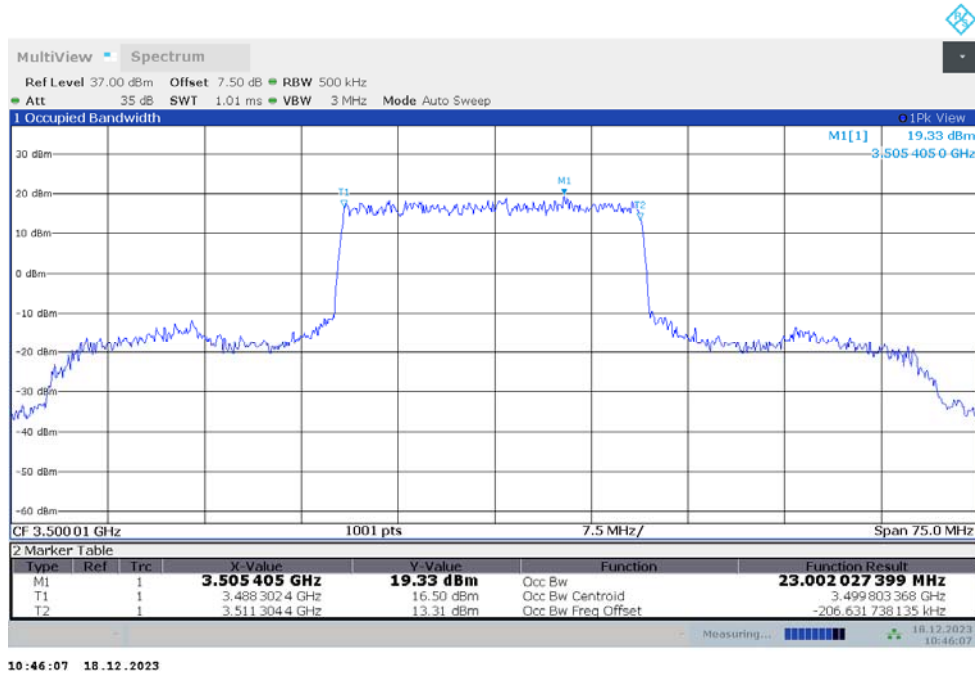
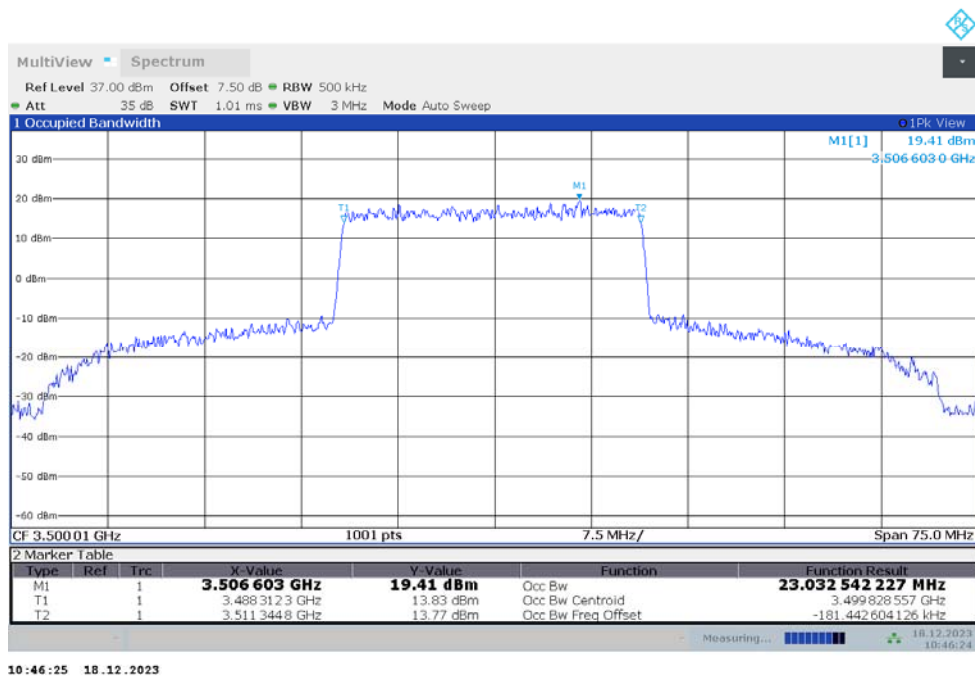
**n77L,20MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	18.020	18.069

**n77L,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,20MHz Bandwidth,DFT-s-QPSK (99% BW)**


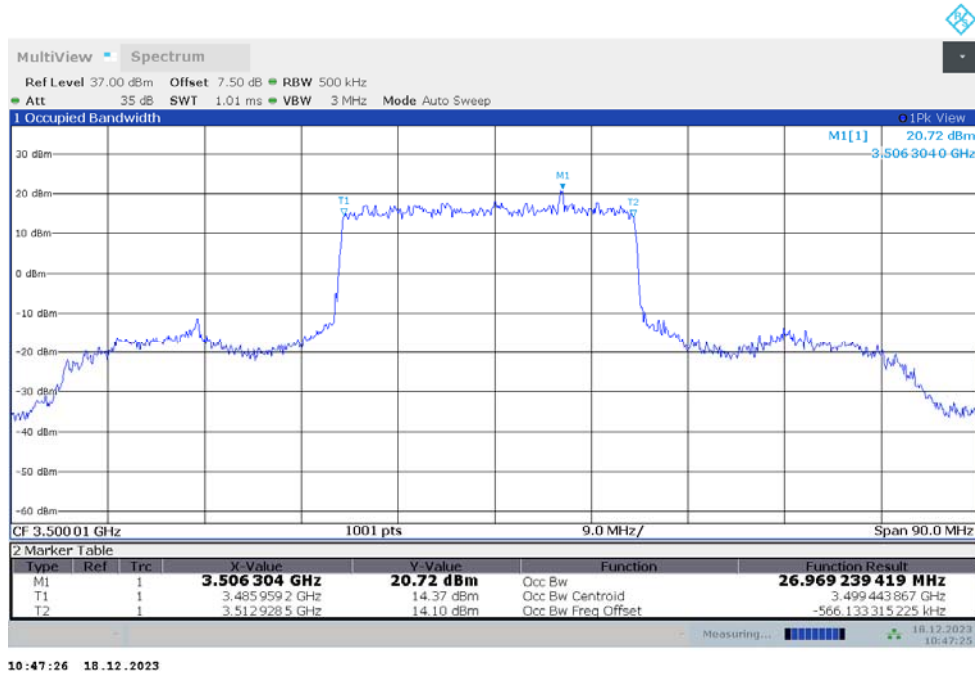
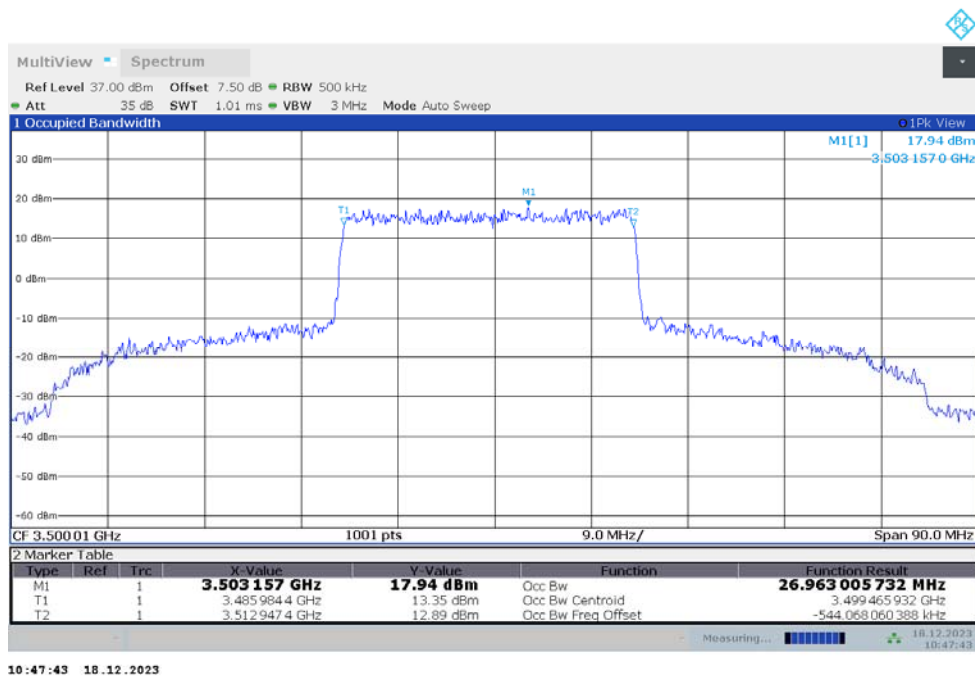
**n77L,25MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	23.002	23.033

**n77L,25MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,25MHz Bandwidth,DFT-s-QPSK (99% BW)**


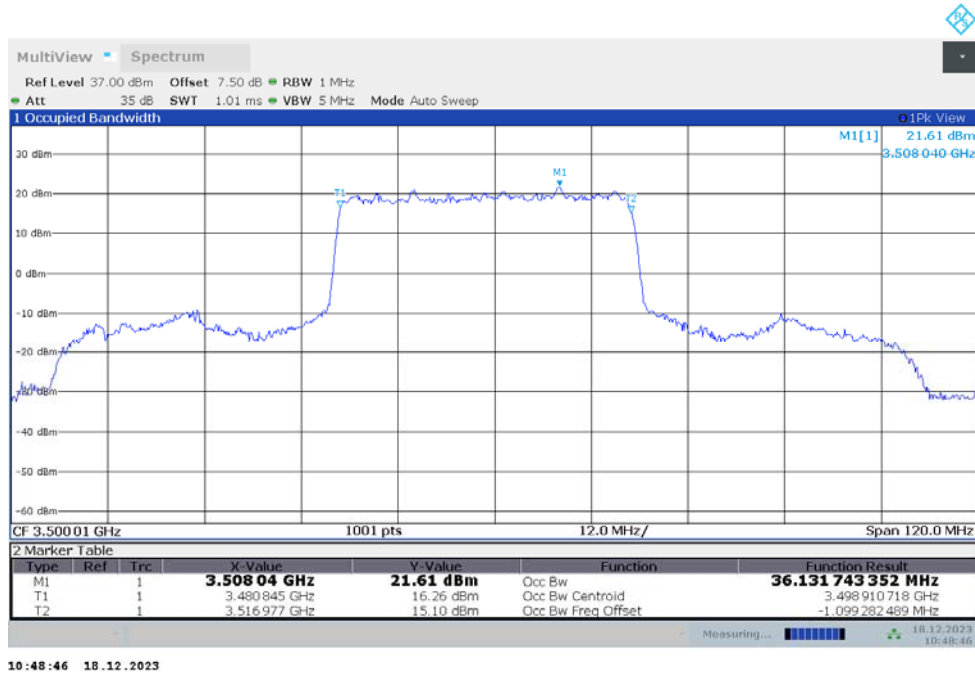
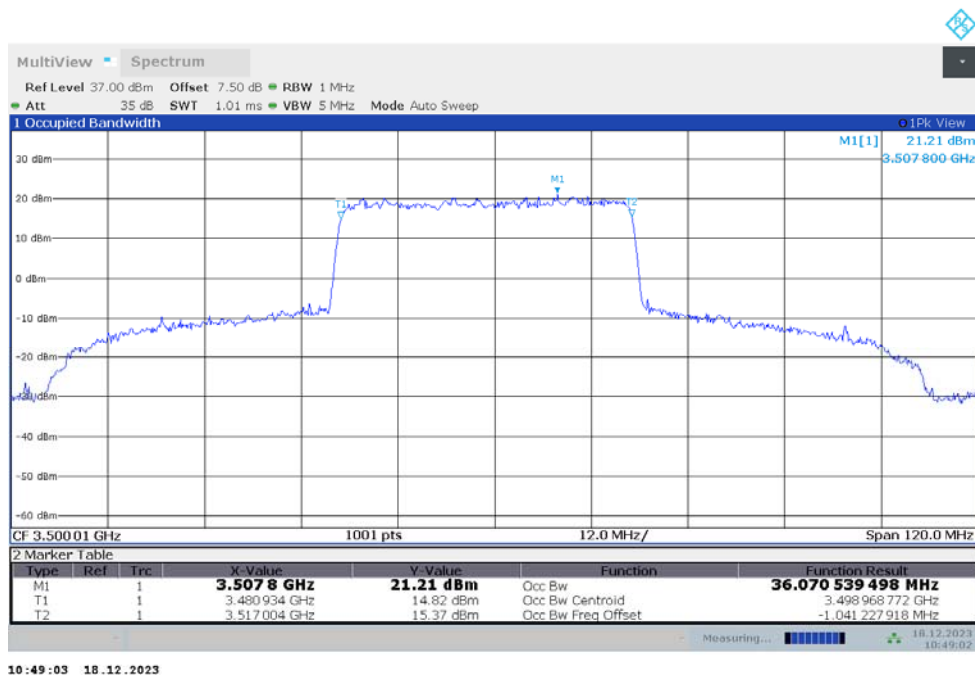
**n77L,30MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	26.969	26.963

**n77L,30MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,30MHz Bandwidth,DFT-s-QPSK (99% BW)**


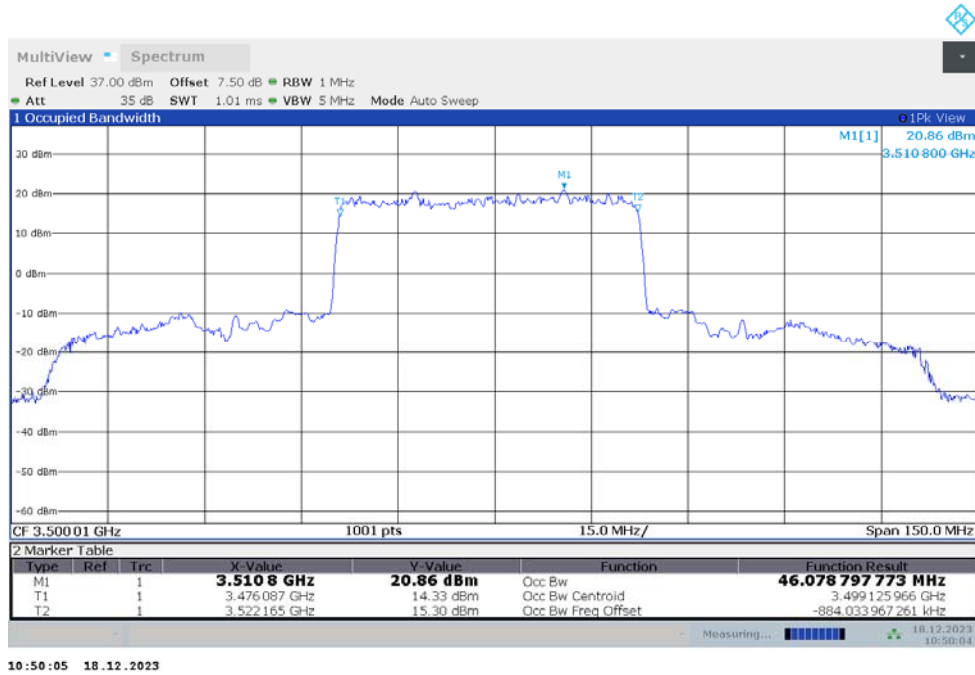
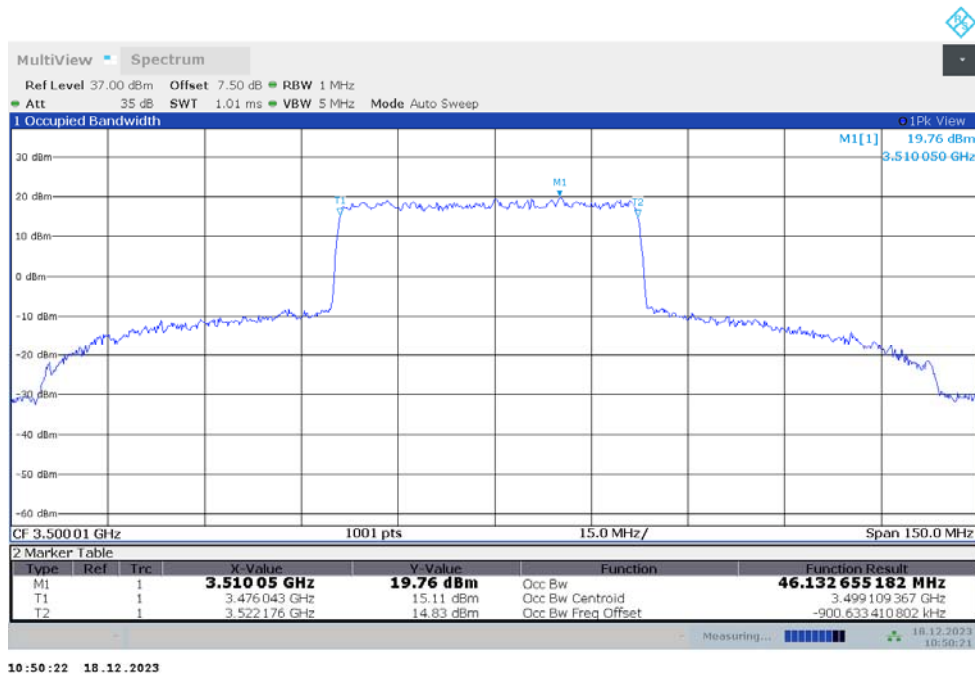
**n77L,40MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	36.132	36.071

**n77L,40MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,40MHz Bandwidth,DFT-s-QPSK (99% BW)**


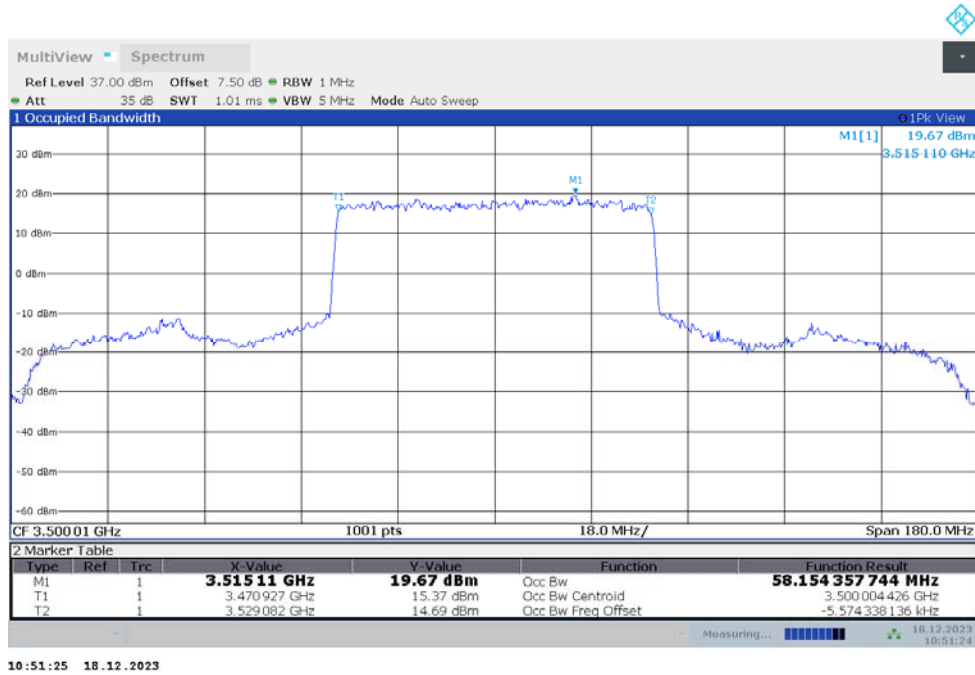
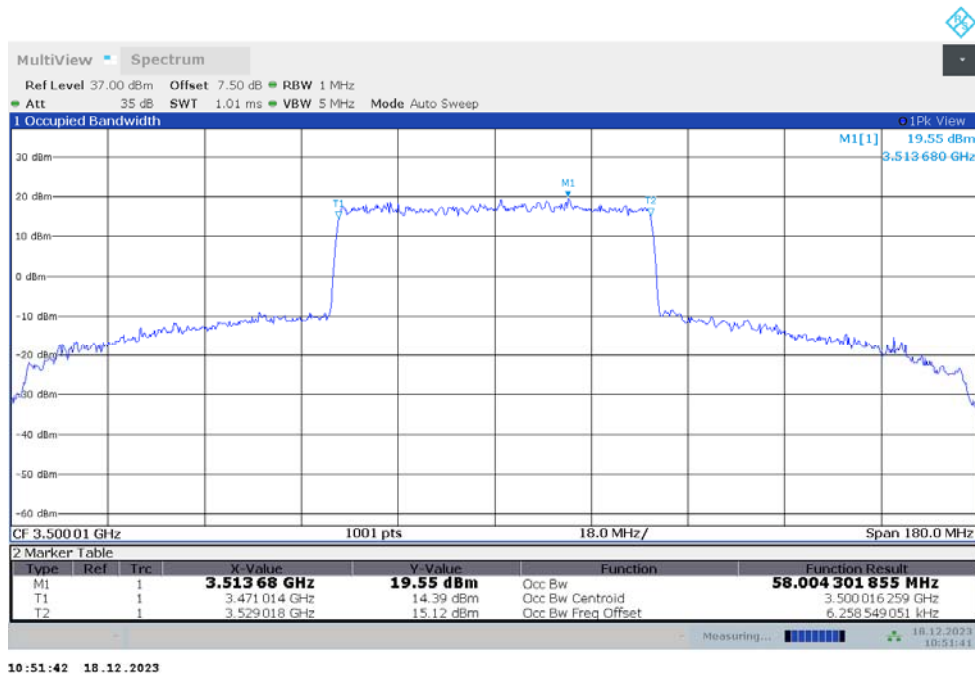
**n77L,50MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	46.079	46.133

**n77L,50MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,50MHz Bandwidth,DFT-s-QPSK (99% BW)**


**n77L,60MHz(99%)**

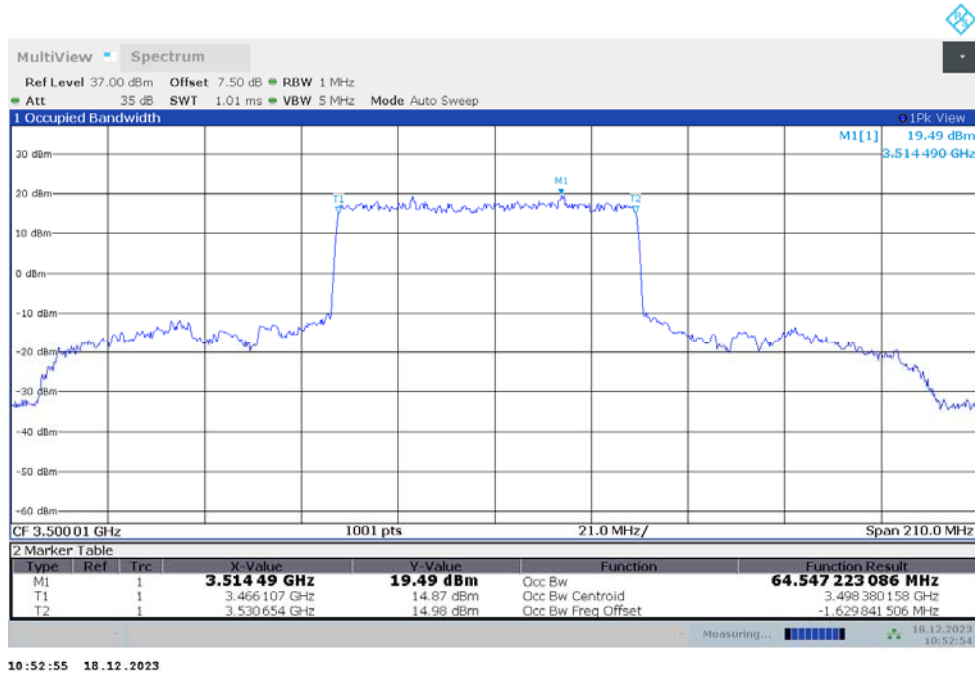
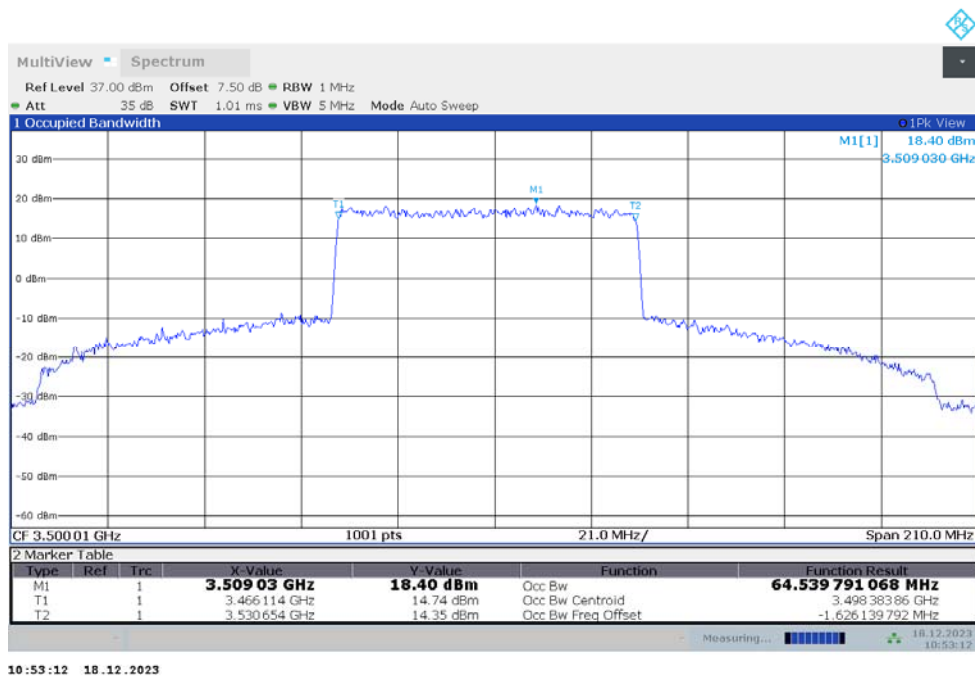
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	58.154	58.004

**n77L,60MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,60MHz Bandwidth,DFT-s-QPSK (99% BW)**




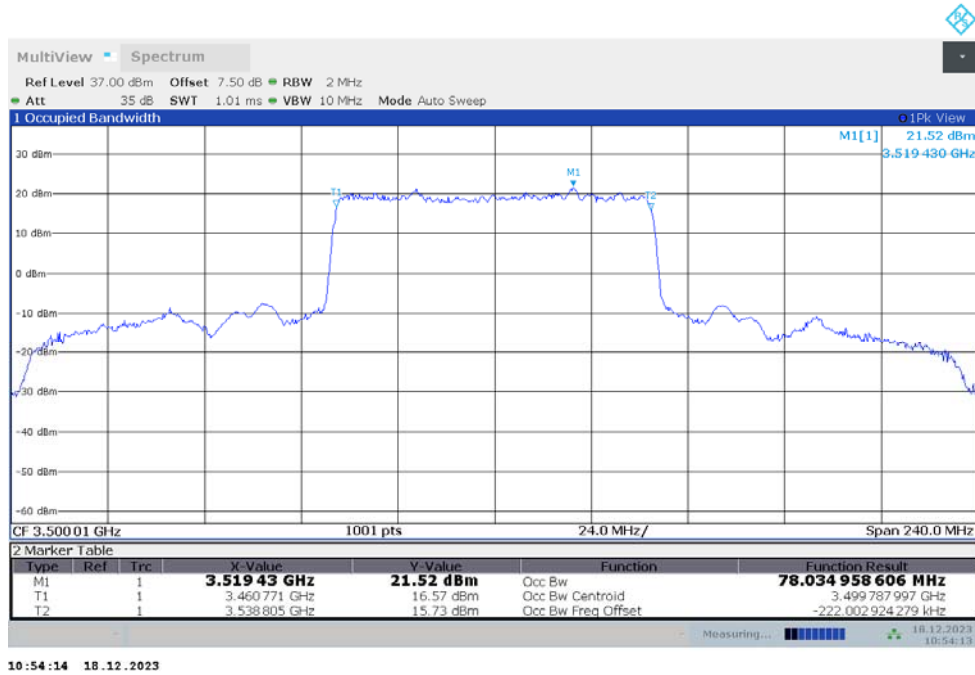
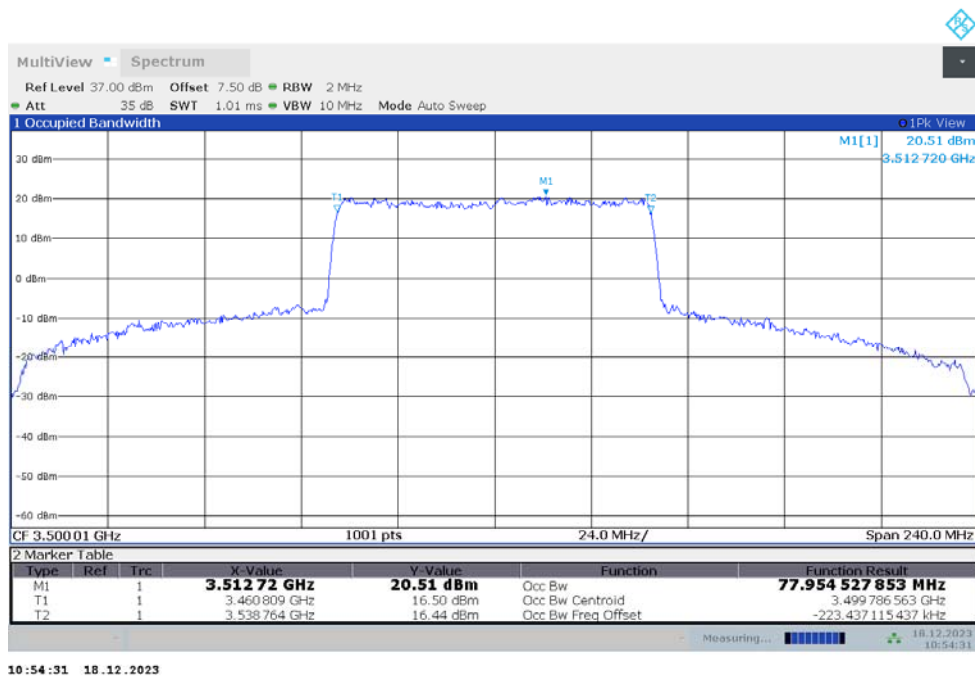
**n77L,70MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	64.547	64.540

**n77L,70MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,70MHz Bandwidth,DFT-s-QPSK (99% BW)**


**n77L,80MHz(99%)**

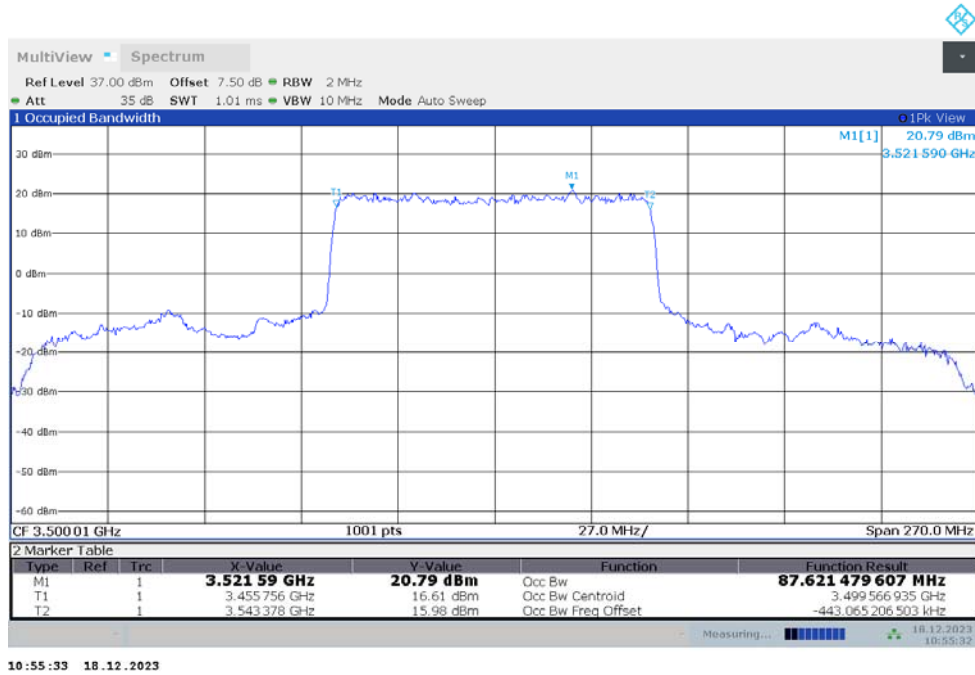
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	78.035	77.955

**n77L,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77L,80MHz Bandwidth,DFT-s-QPSK (99% BW)**


n77L,90MHz(99%)

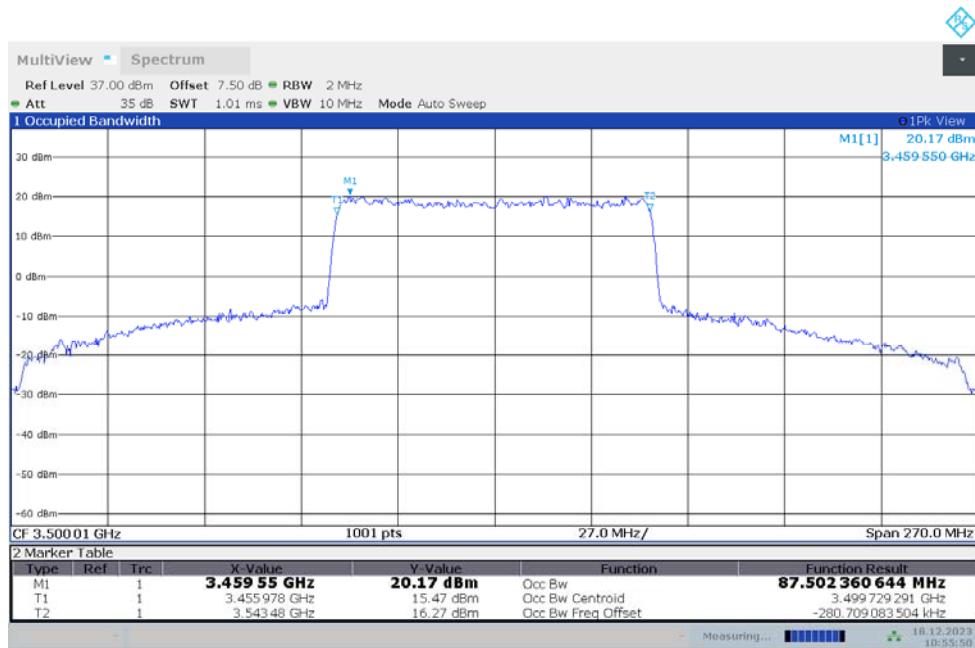
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	87.621	87.502

n77L,90MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



10:55:33 18.12.2023

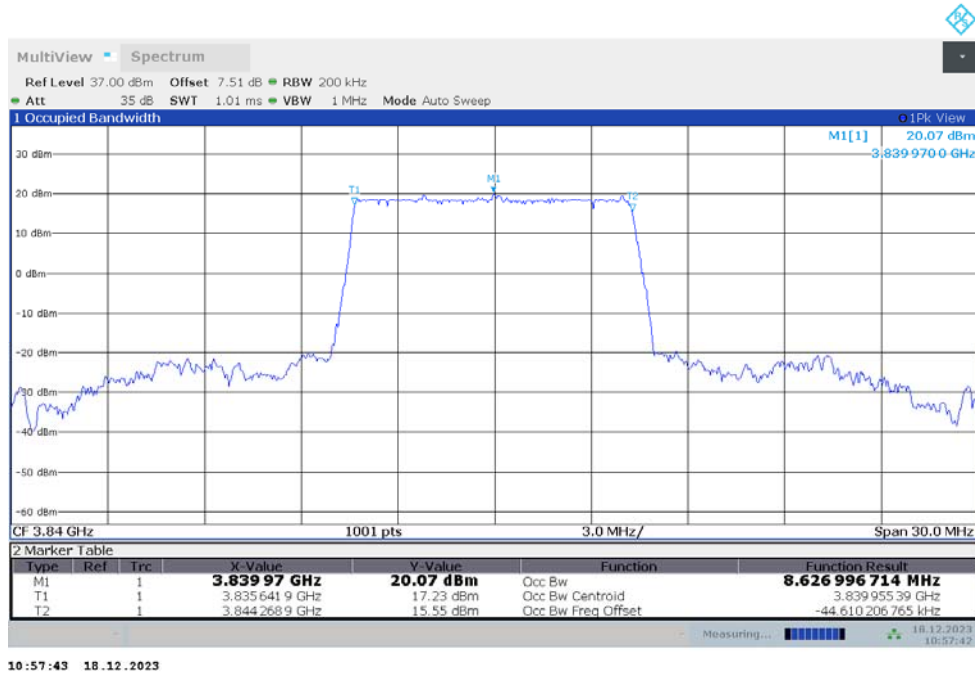
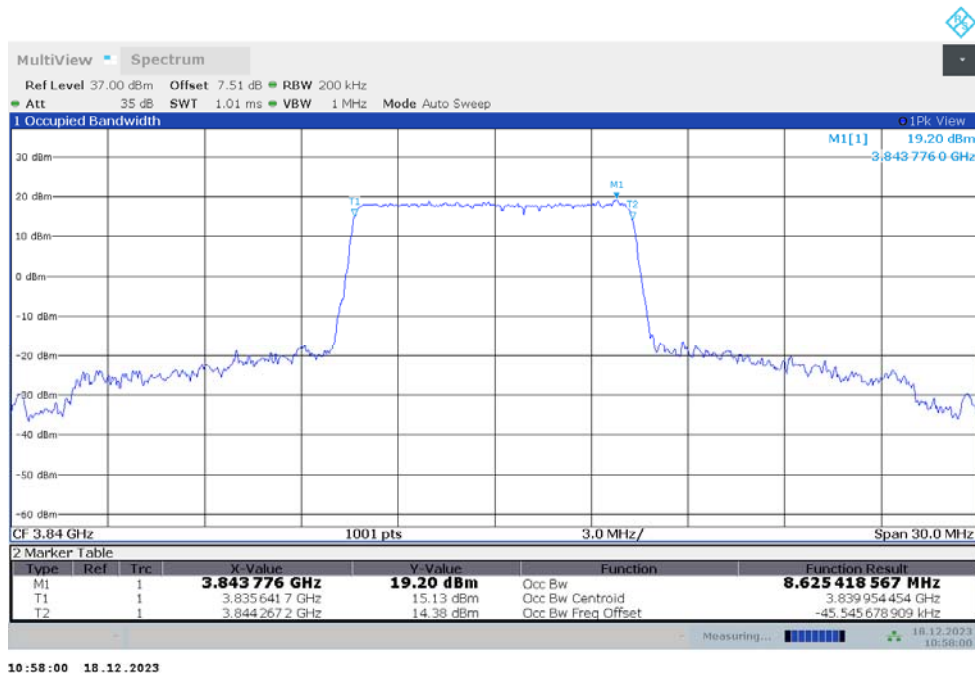
n77L,90MHz Bandwidth,DFT-s-QPSK (99% BW)



10:55:50 18.12.2023

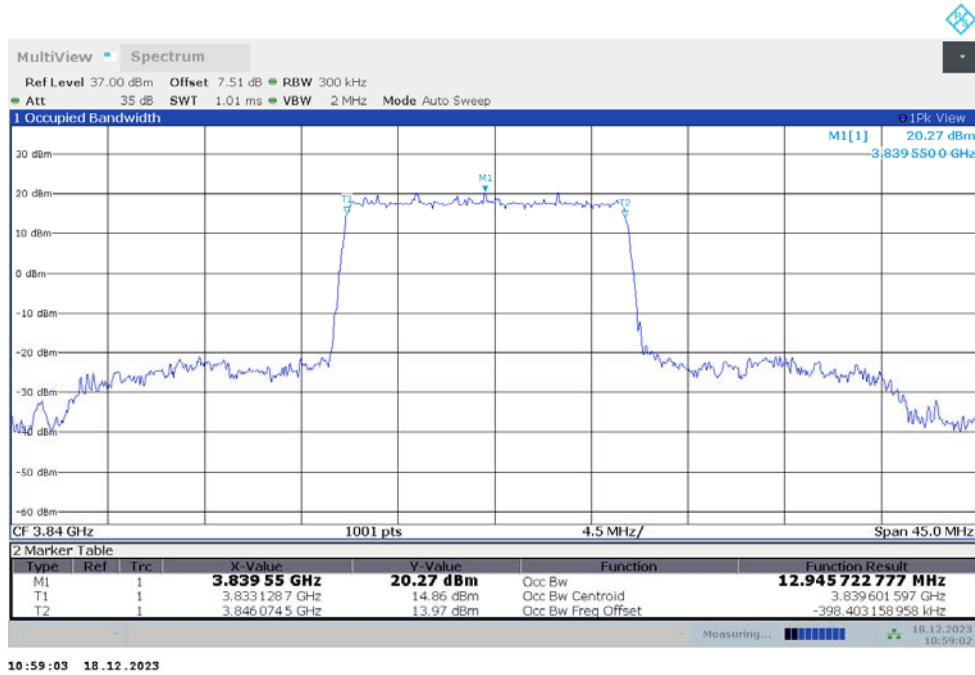
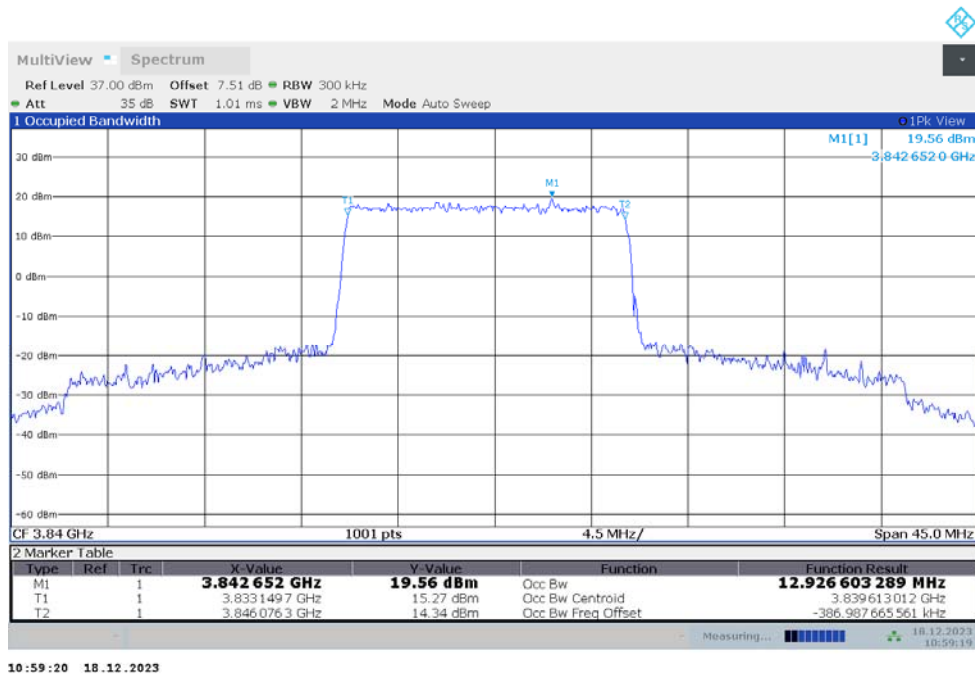
**n77H,10MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	8.627	8.625

**n77H,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n77H,10MHz Bandwidth,DFT-s-QPSK (99% BW)**


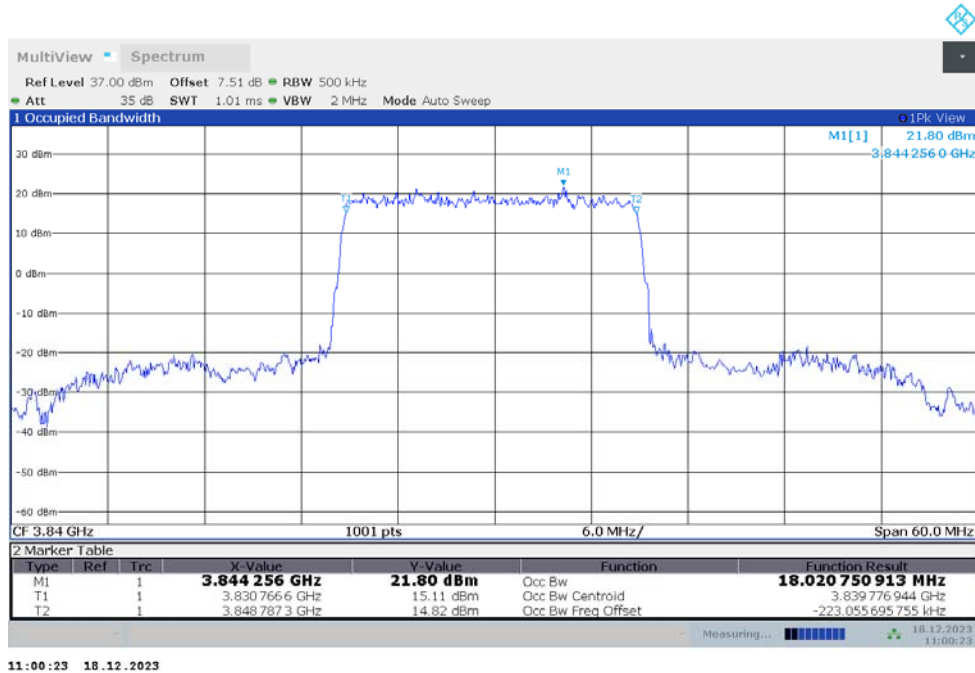
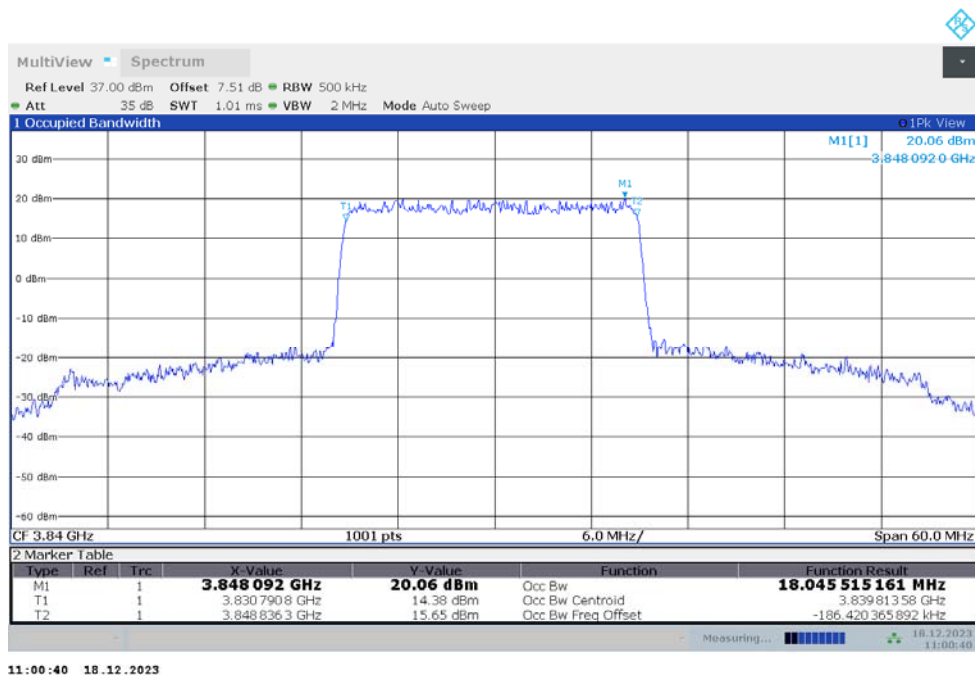
**n77H,15MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	12.946	12.927

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

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


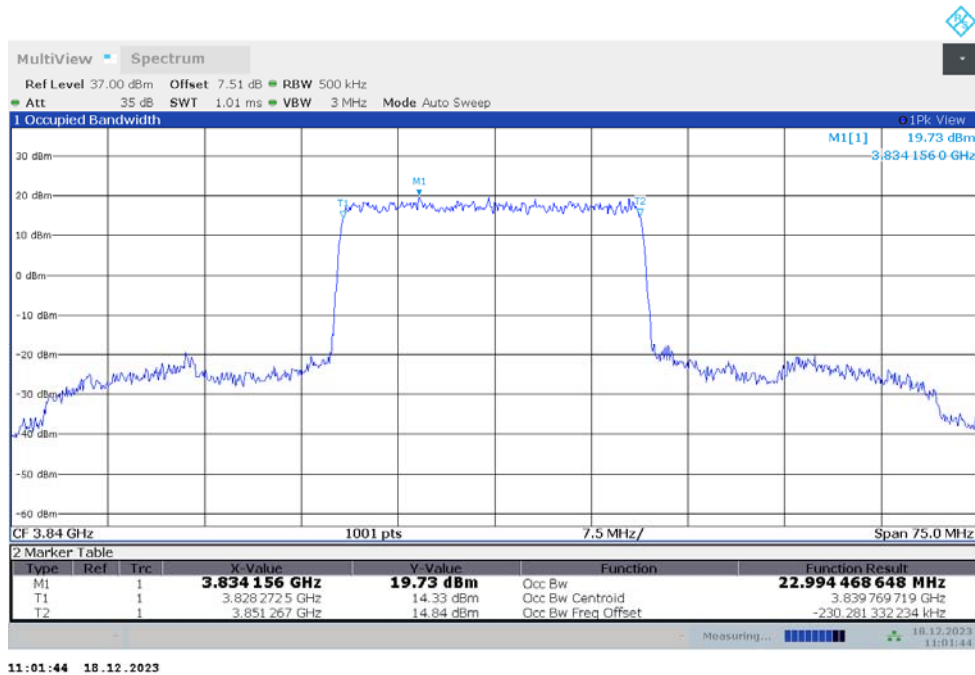
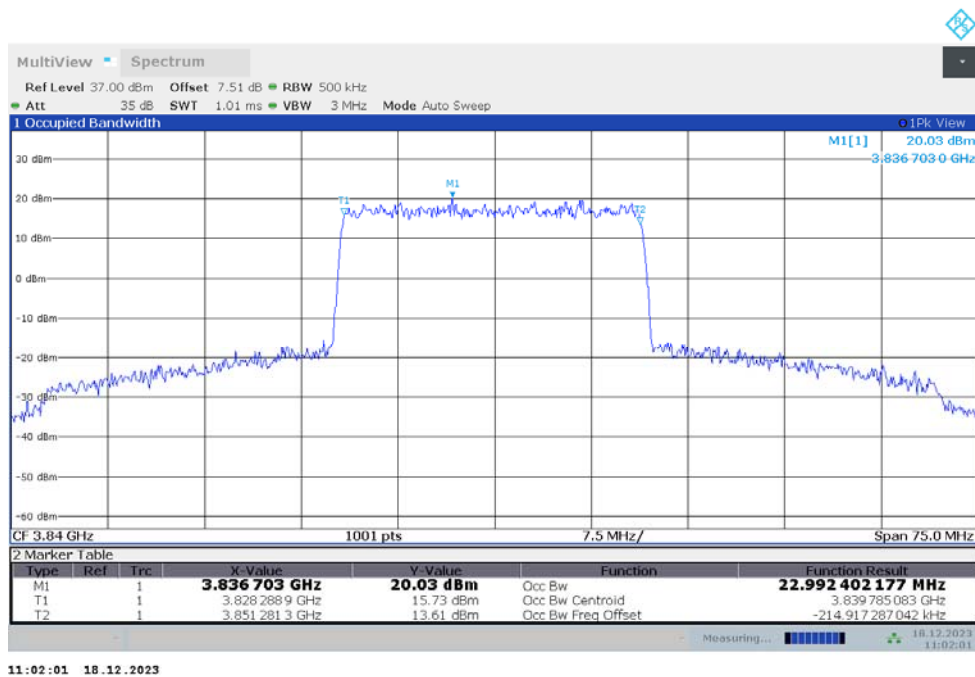
**n77H,20MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	18.021	18.046

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

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


**n77H,25MHz(99%)**

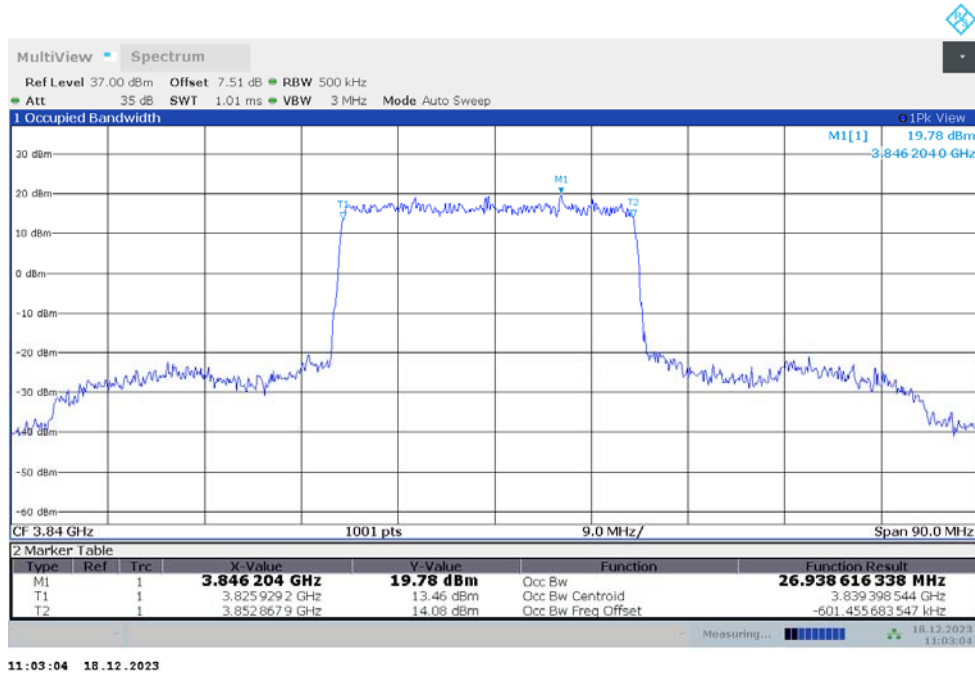
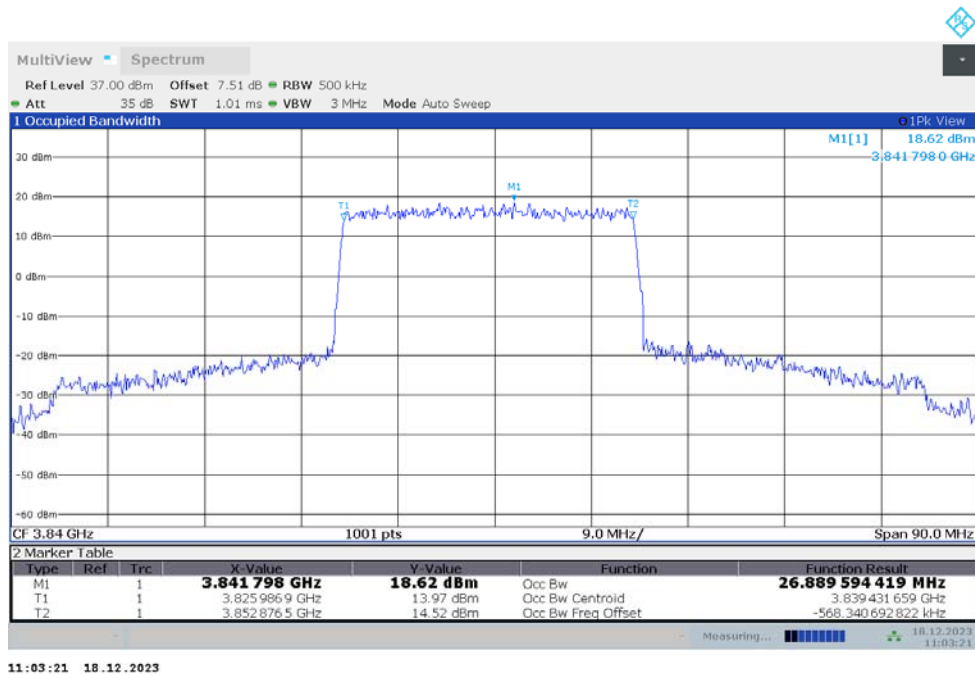
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	22.994	22.992

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

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




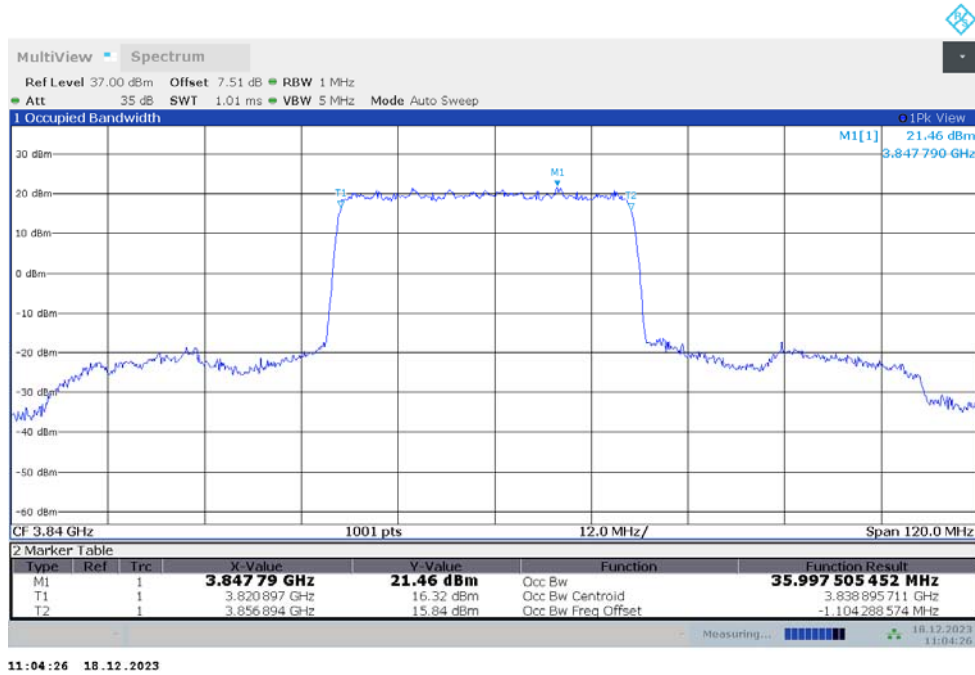
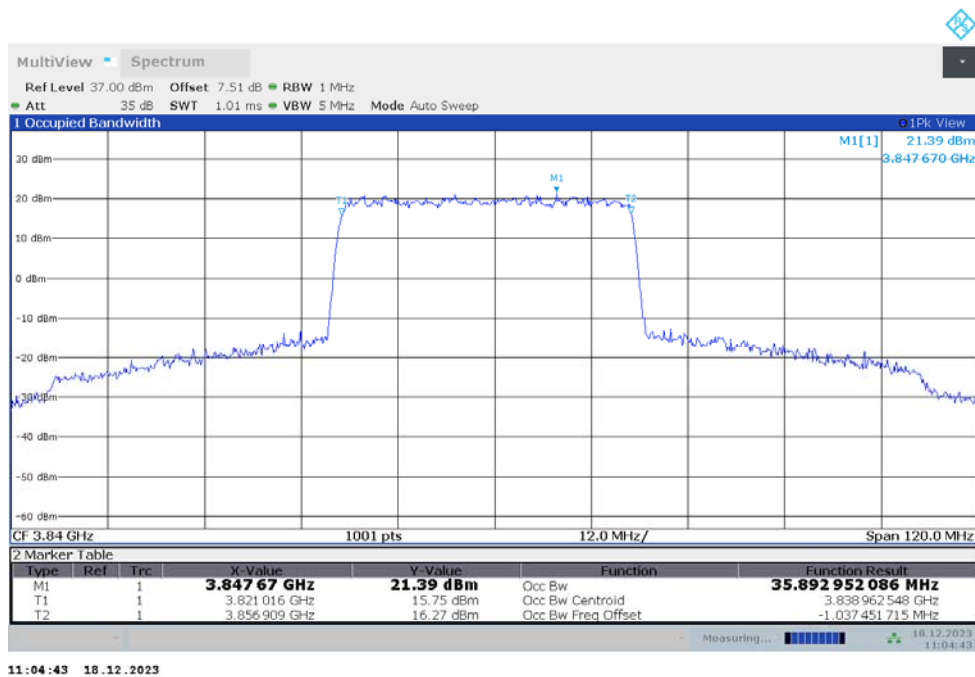
**n77H,30MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	26.939	26.890

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

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


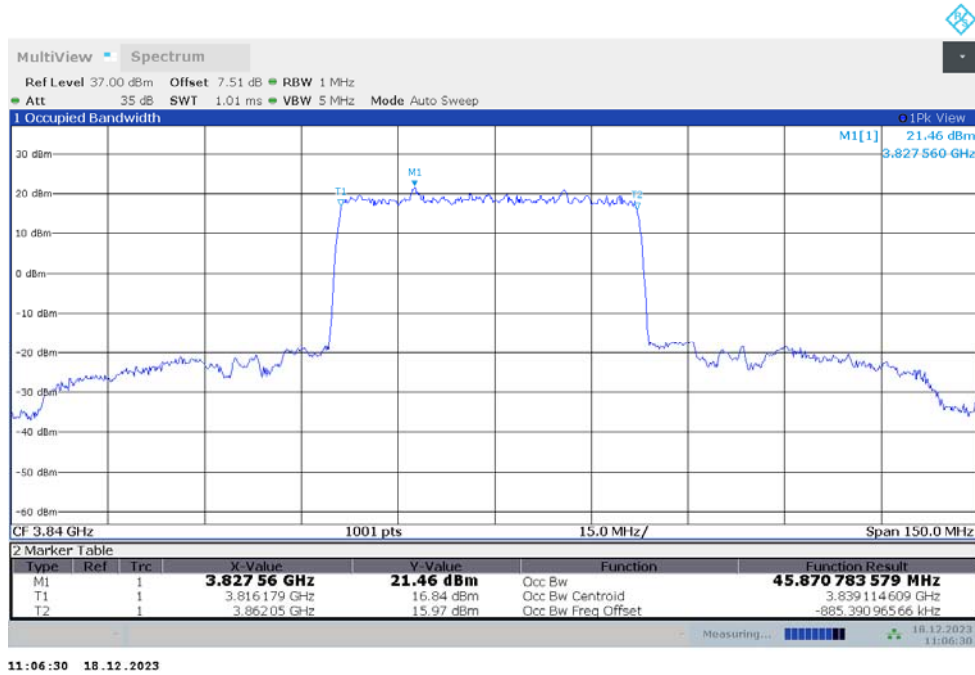
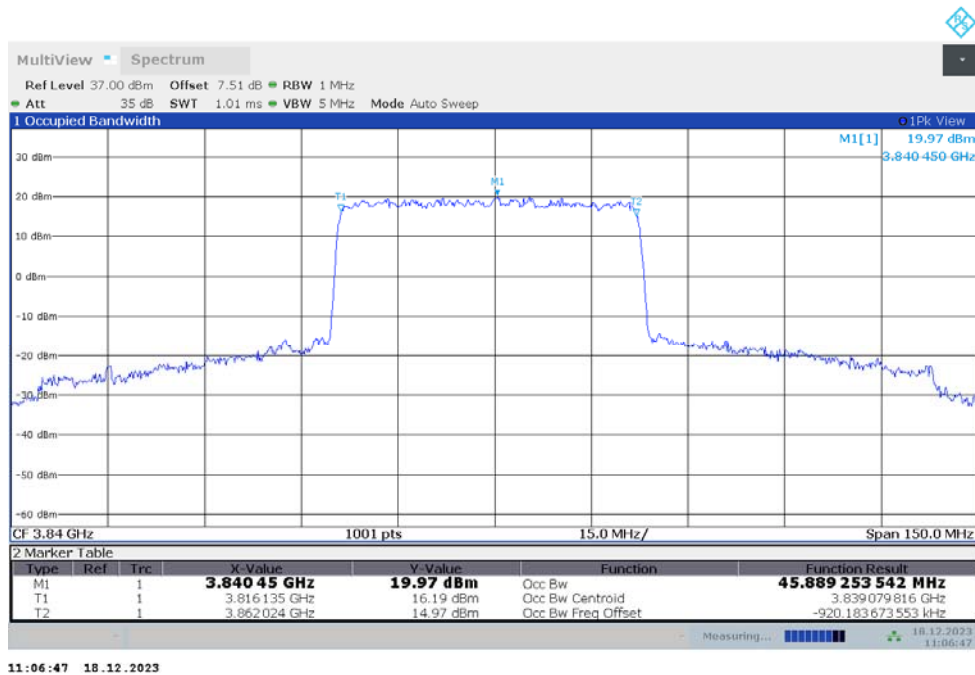
**n77H,40MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	35.998	35.893

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

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


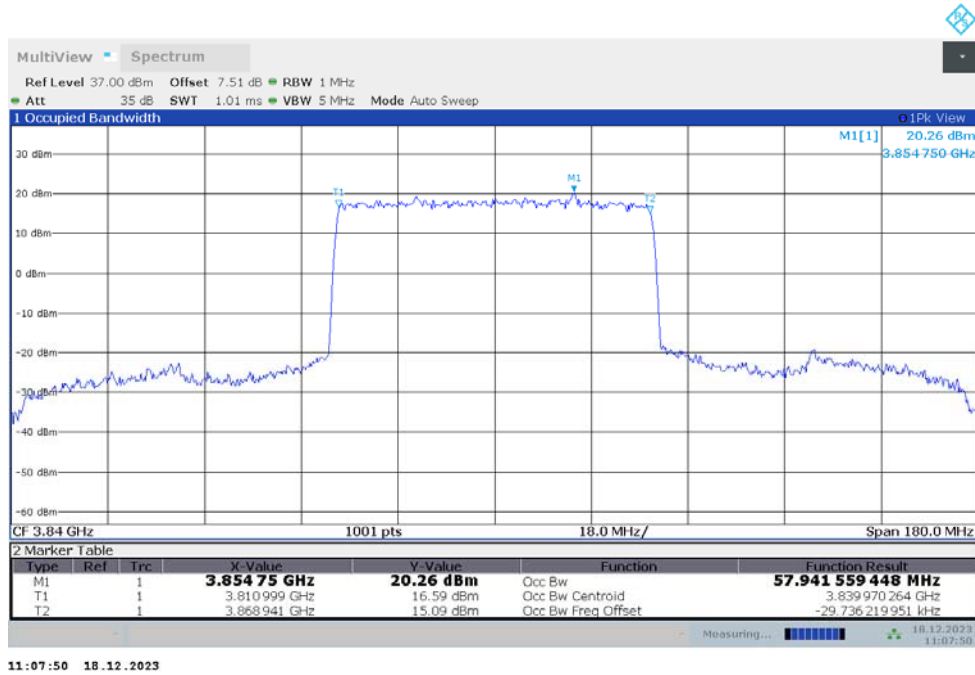
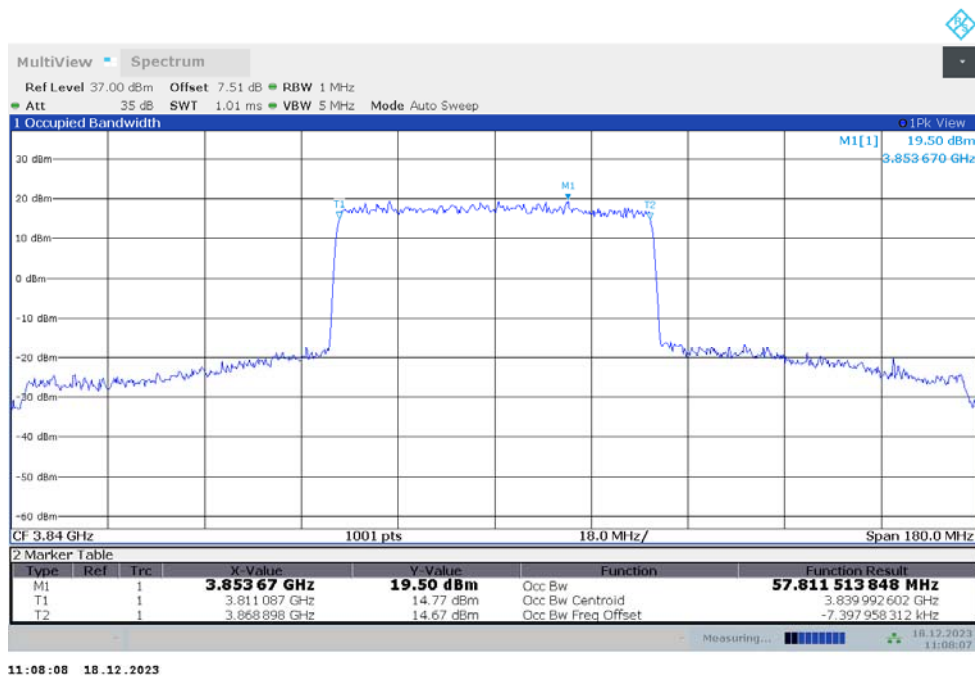
**n77H,50MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	45.871	45.889

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

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


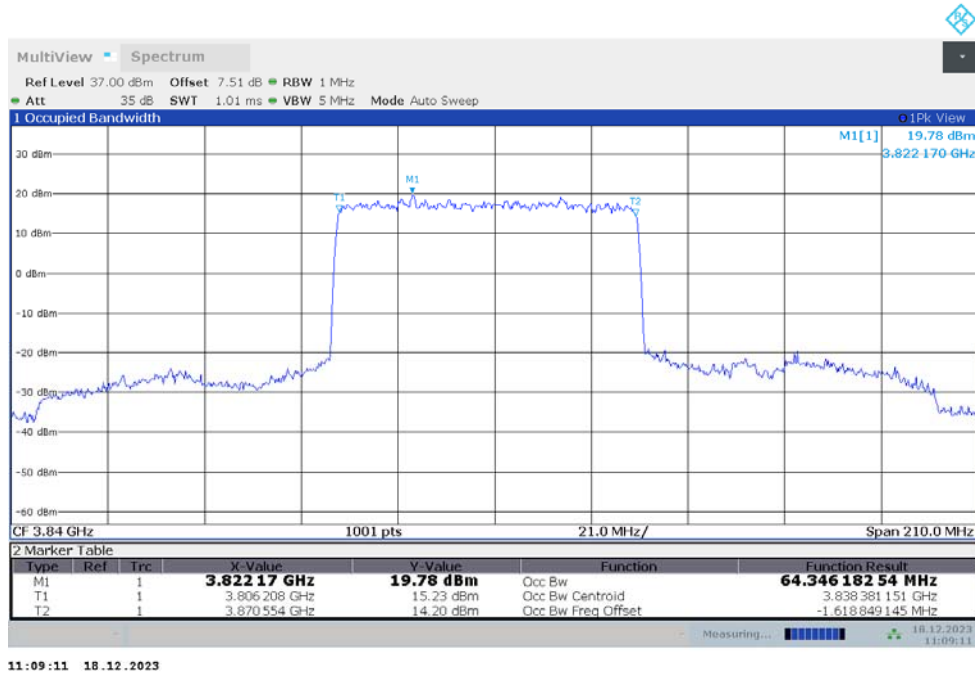
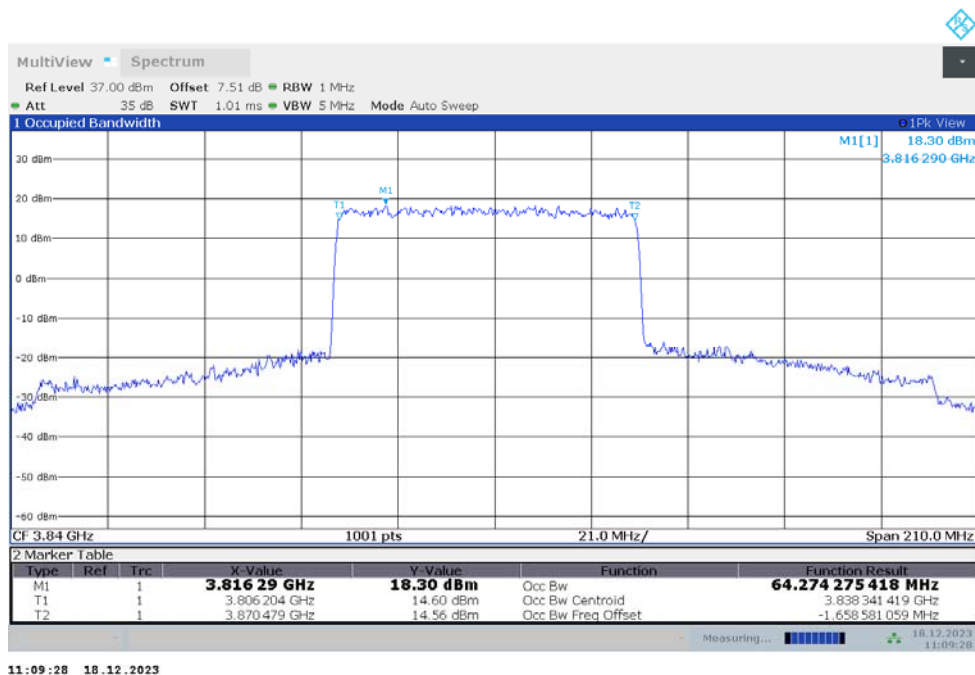
**n77H,60MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	57.942	57.812

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

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


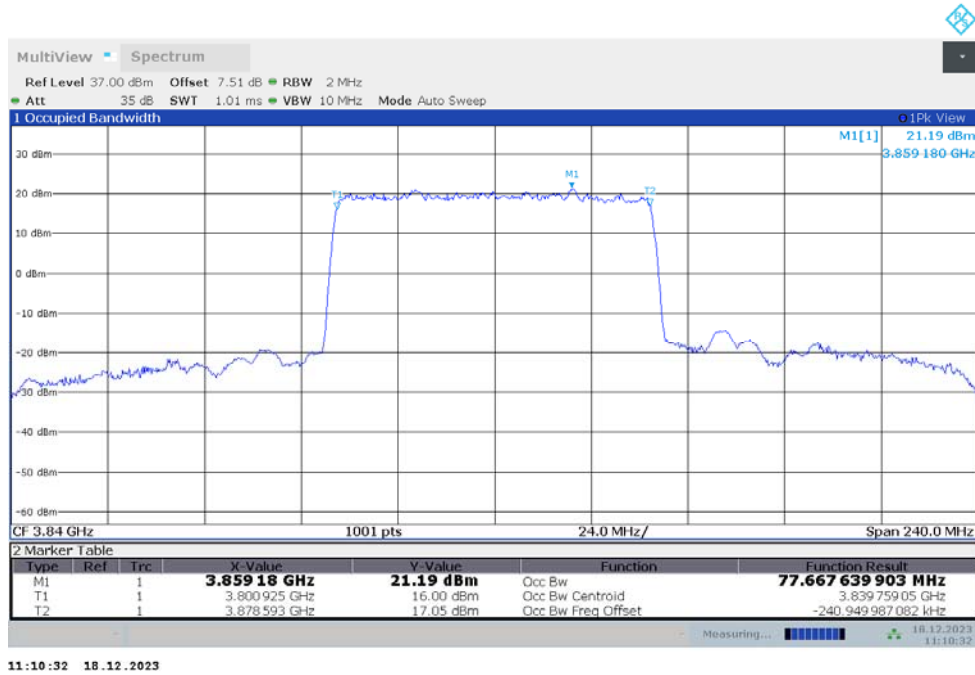
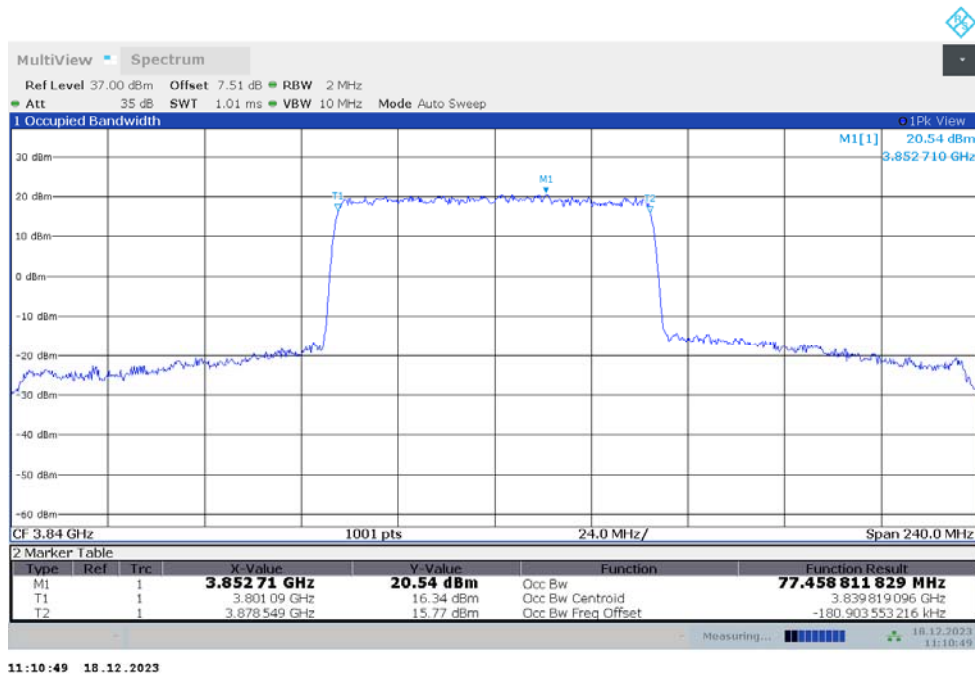
**n77H,70MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	64.346	64.274

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

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


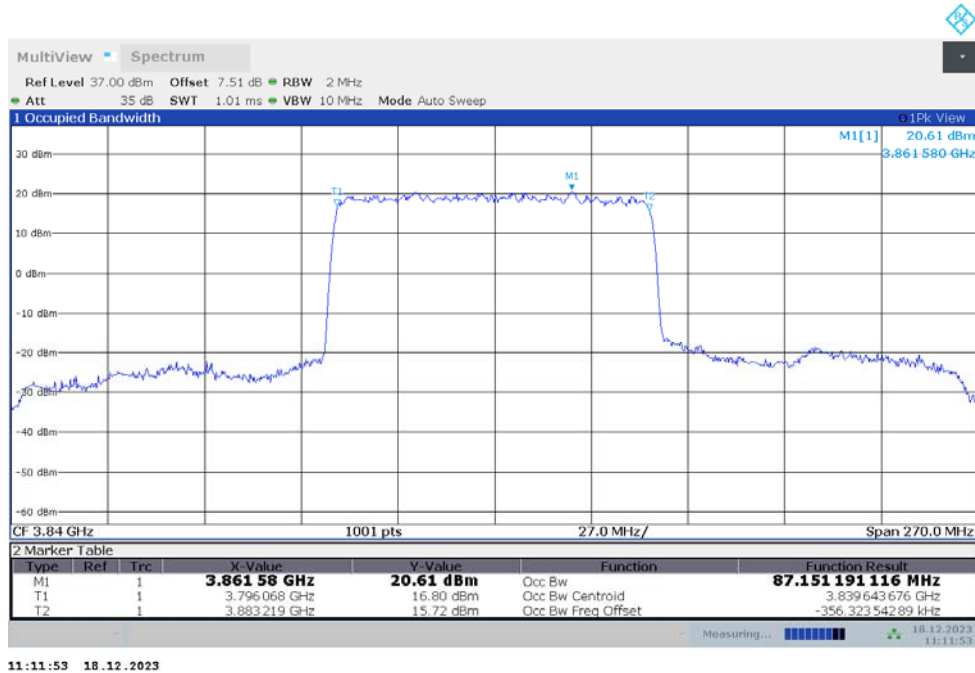
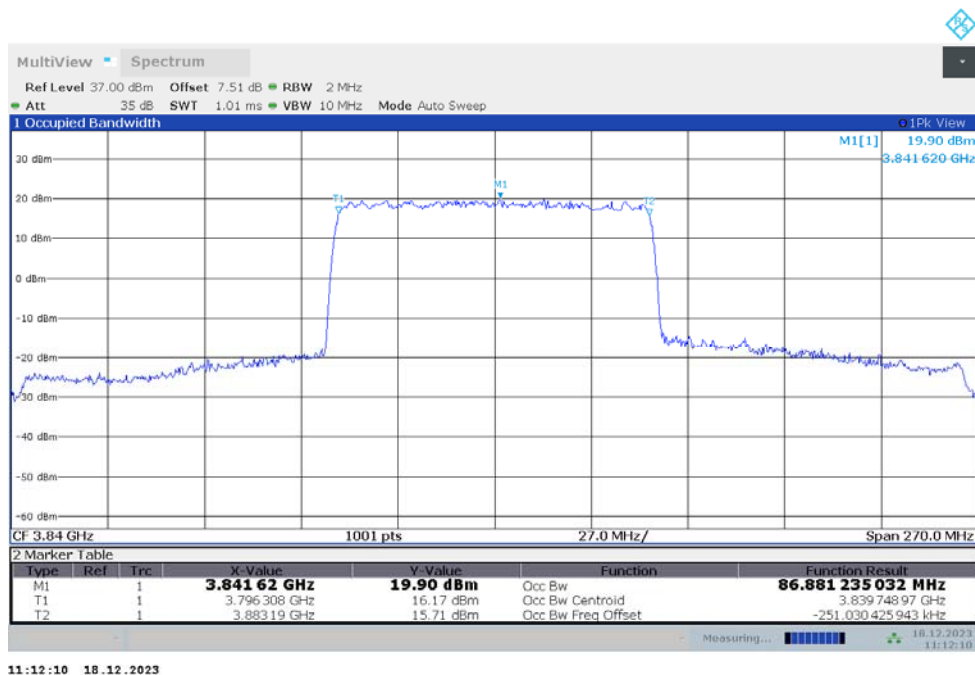
**n77H,80MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	77.668	77.459

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

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


**n77H,90MHz(99%)**

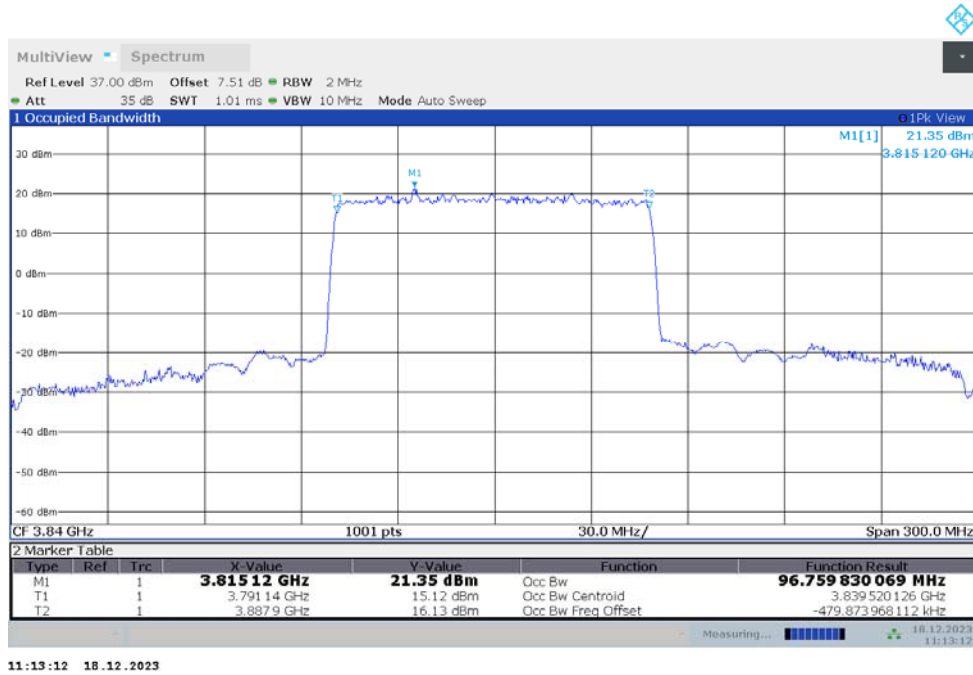
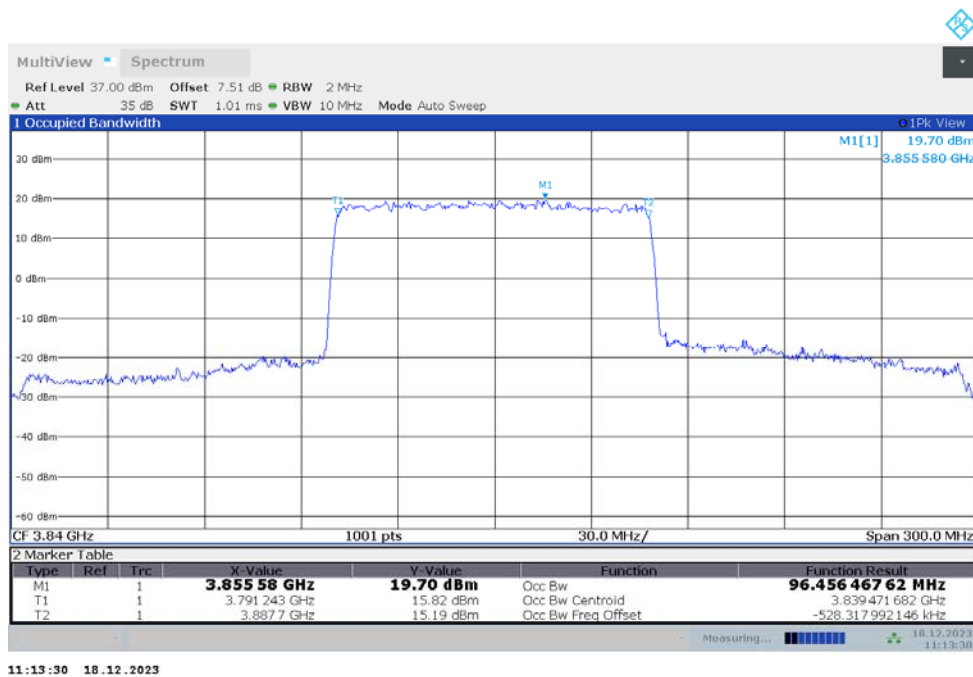
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	87.151	86.881

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

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




**n77H,100MHz(99%)**

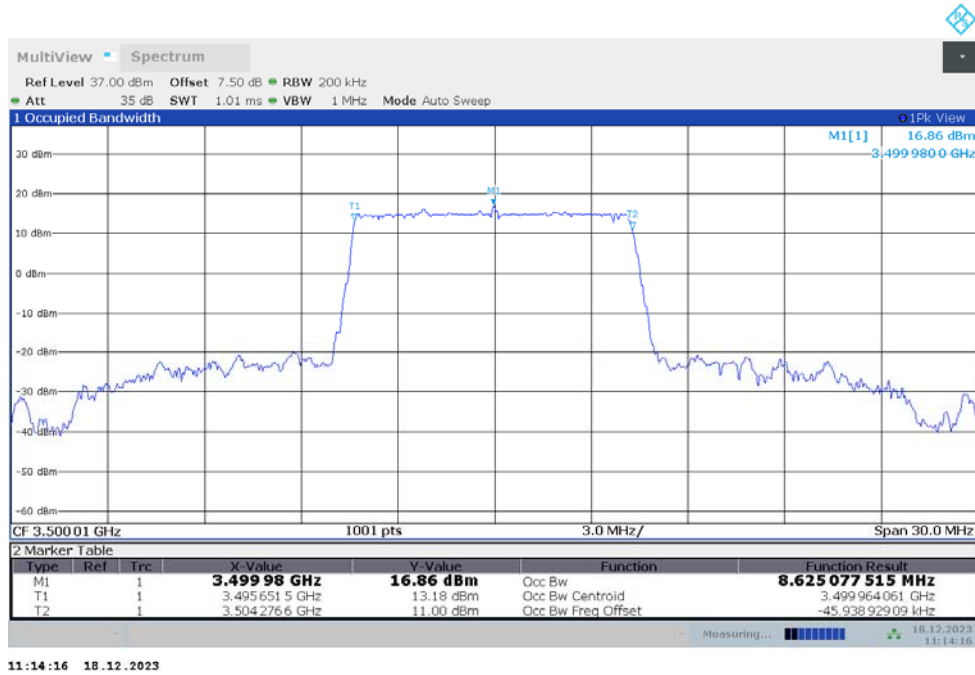
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	96.760	96.456

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

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


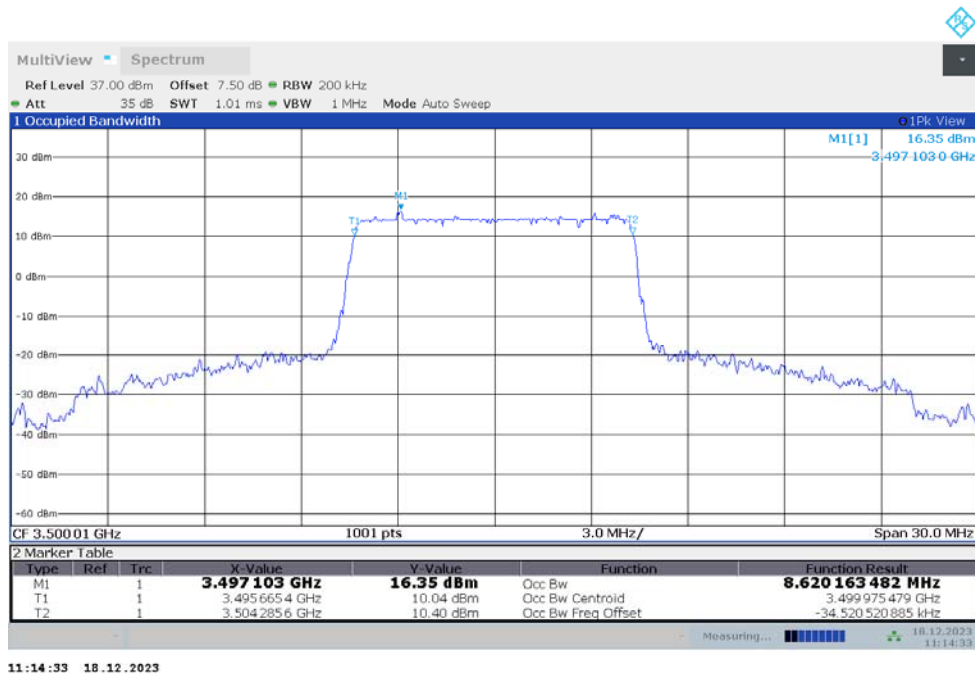
**n78L,10MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	8.625	8.620

**n78L,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

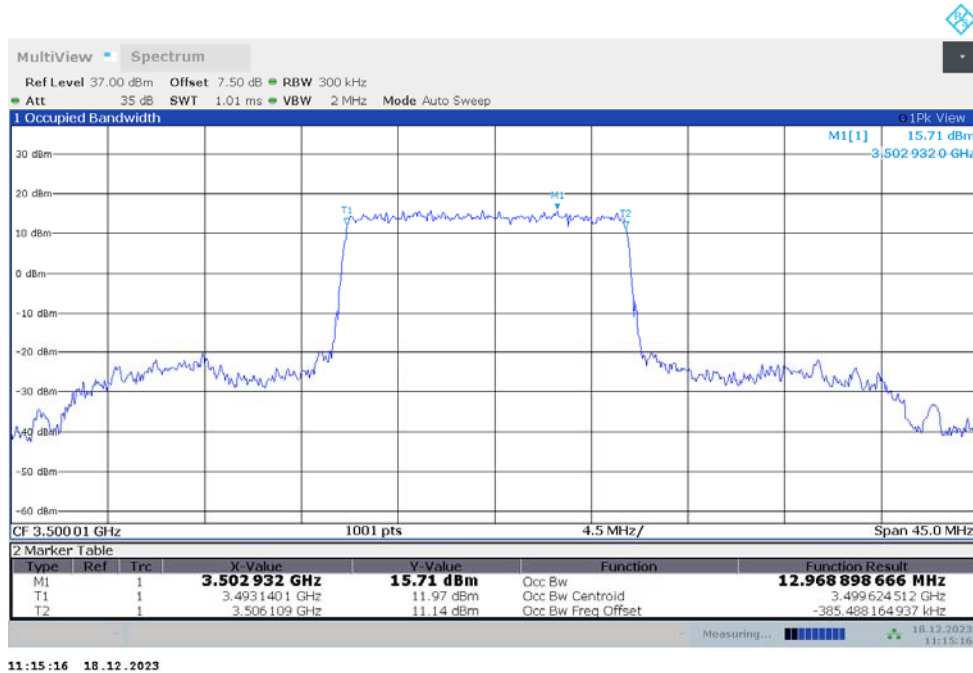
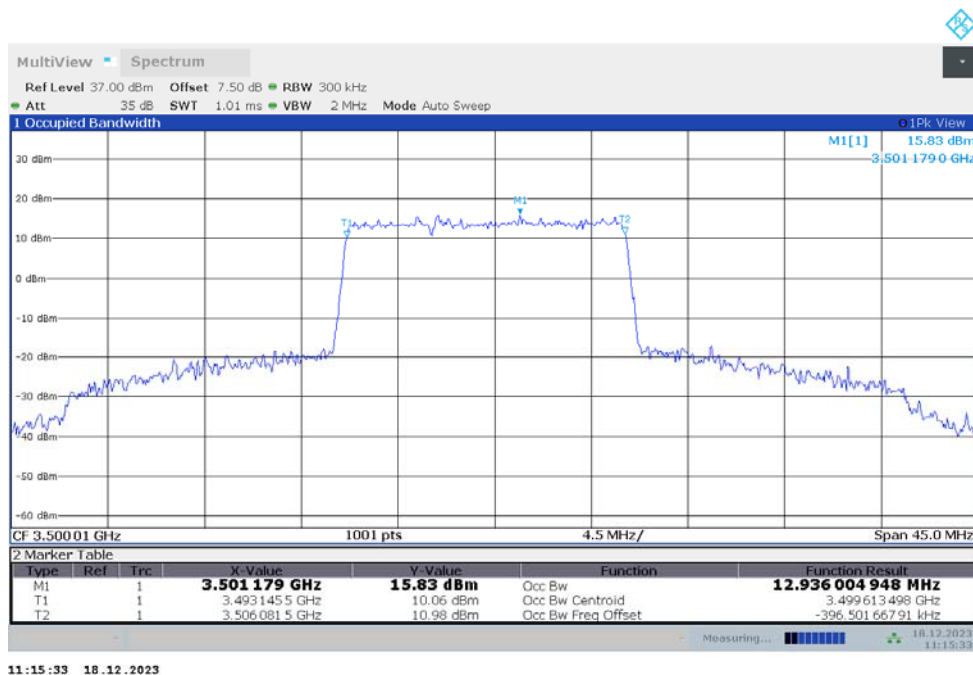


**n78L,10MHz Bandwidth,DFT-s-QPSK (99% BW)**



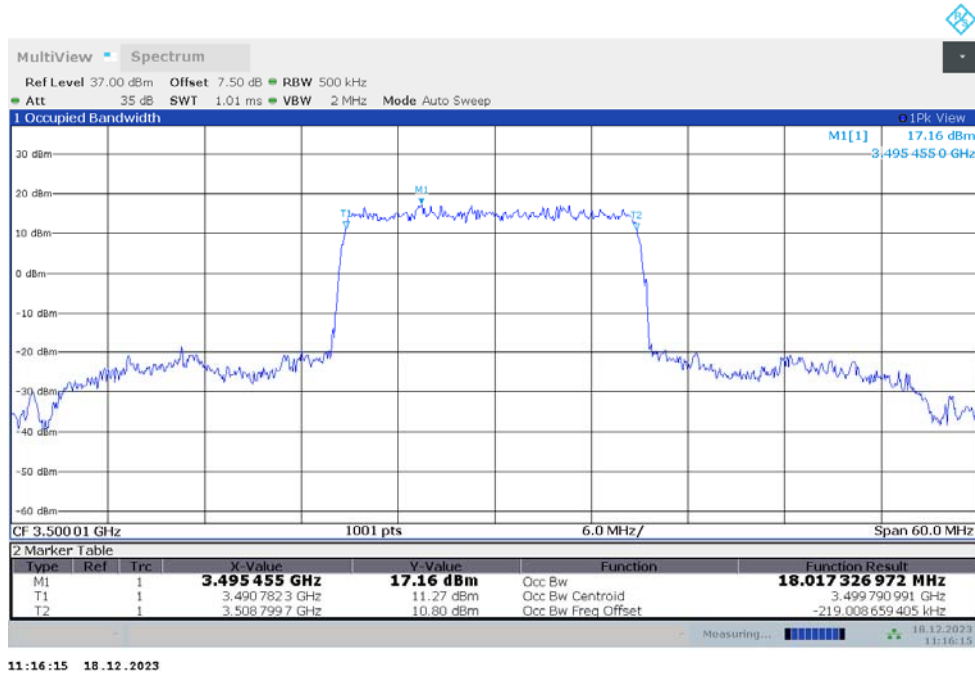
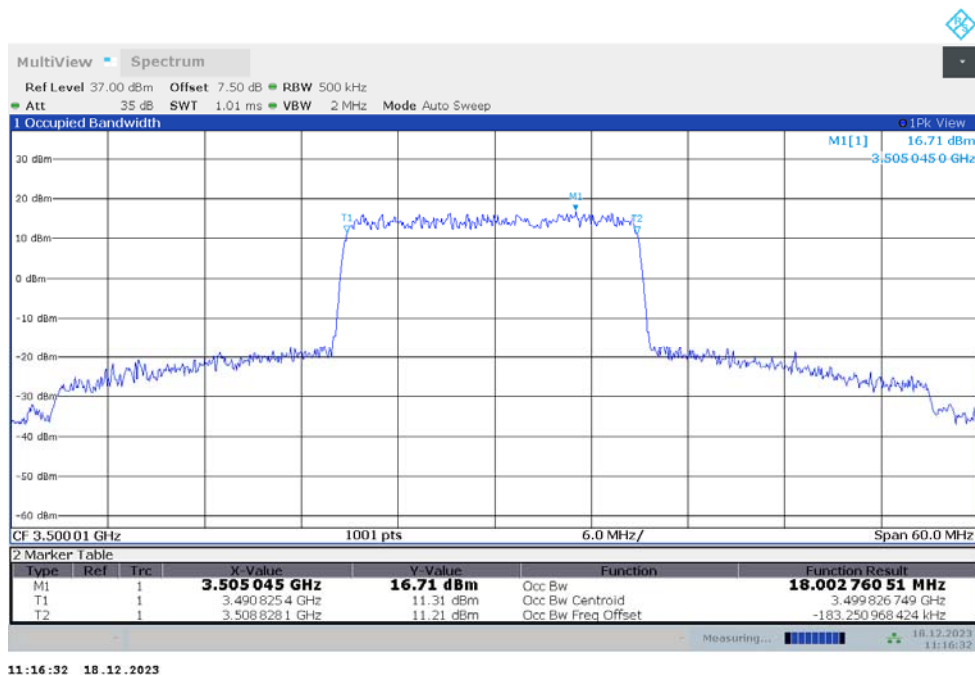
**n78L,15MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	12.969	12.936

**n78L,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,15MHz Bandwidth,DFT-s-QPSK (99% BW)**


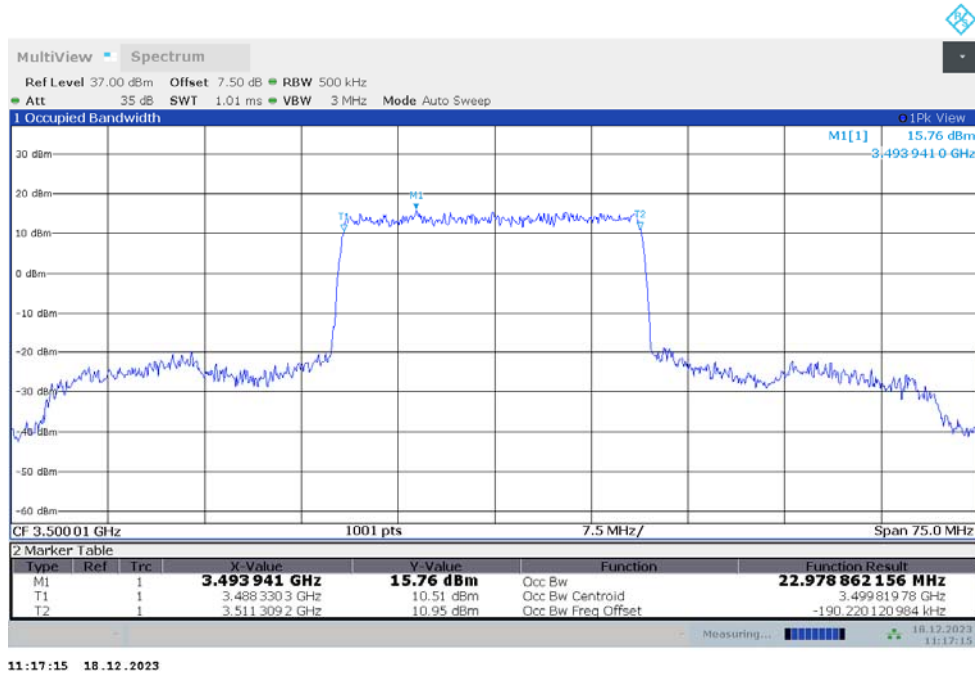
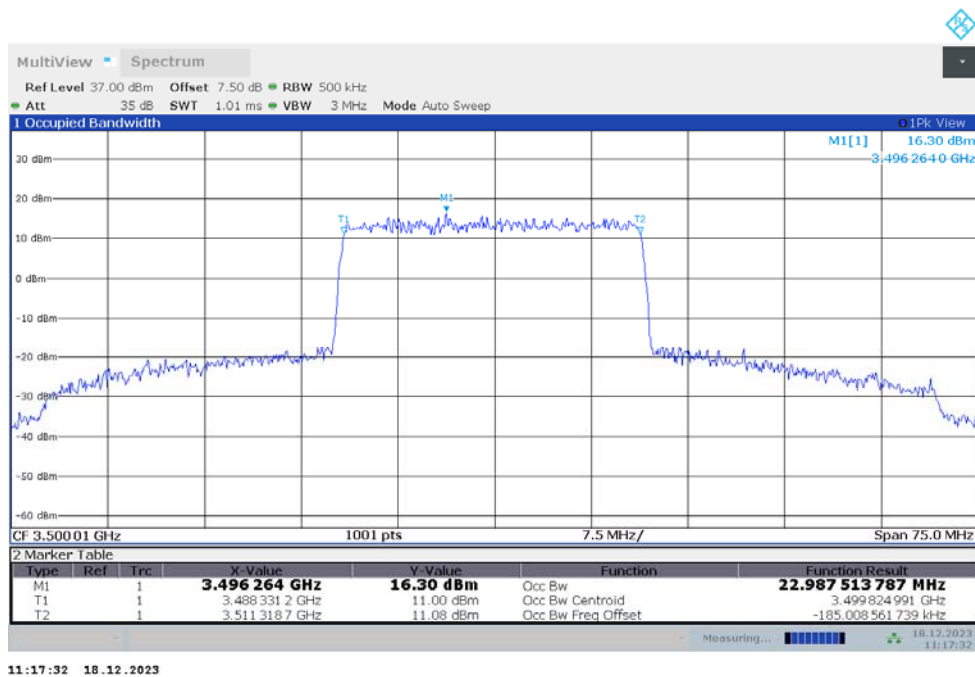
**n78L,20MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	18.017	18.003

**n78L,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,20MHz Bandwidth,DFT-s-QPSK (99% BW)**


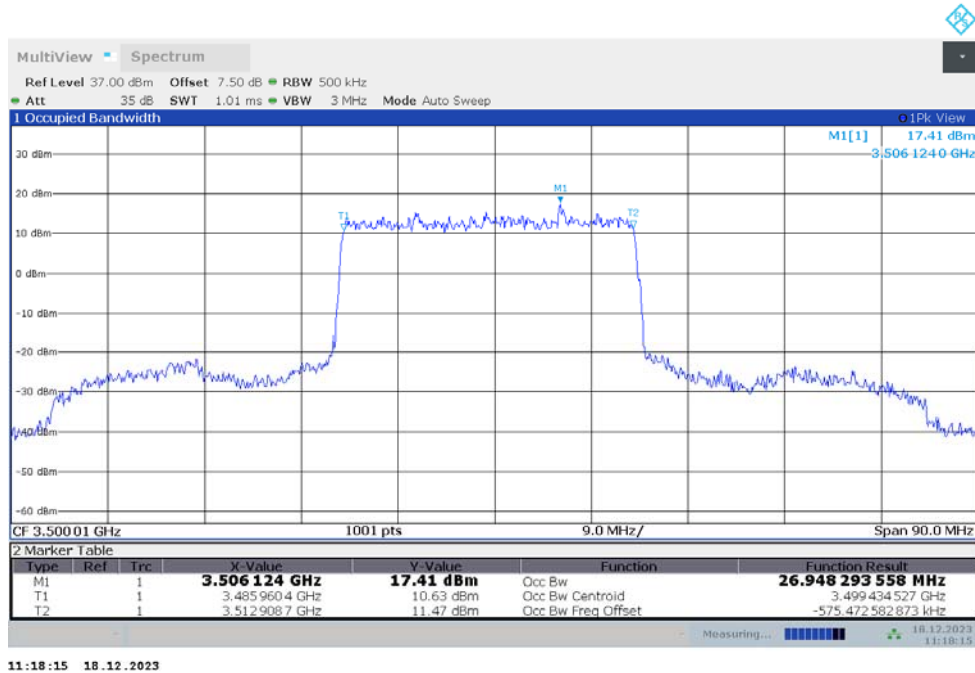
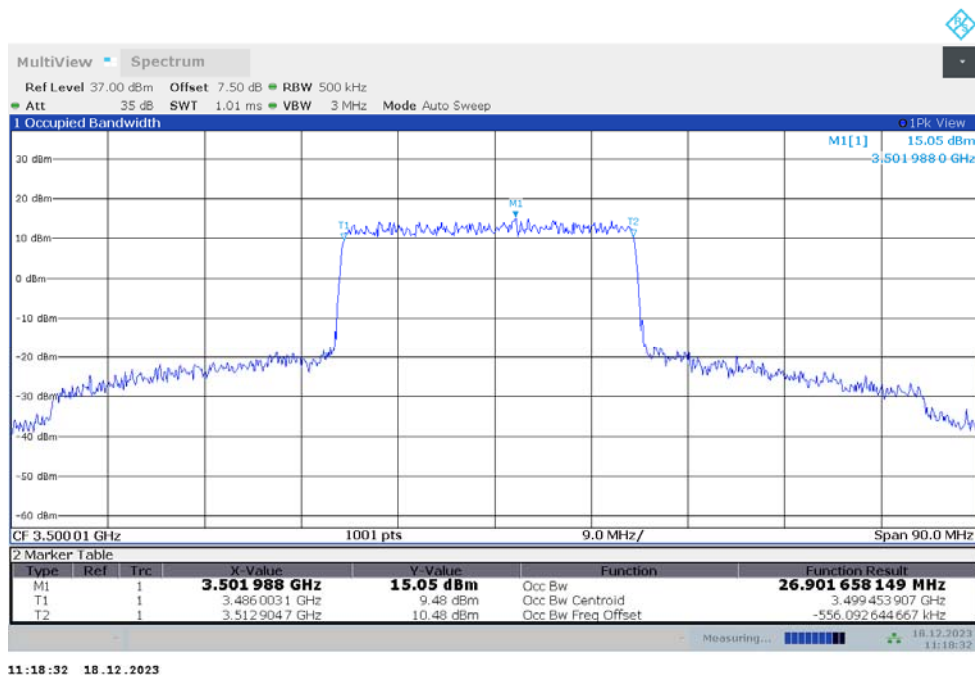
**n78L,25MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	22.979	22.988

**n78L,25MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,25MHz Bandwidth,DFT-s-QPSK (99% BW)**


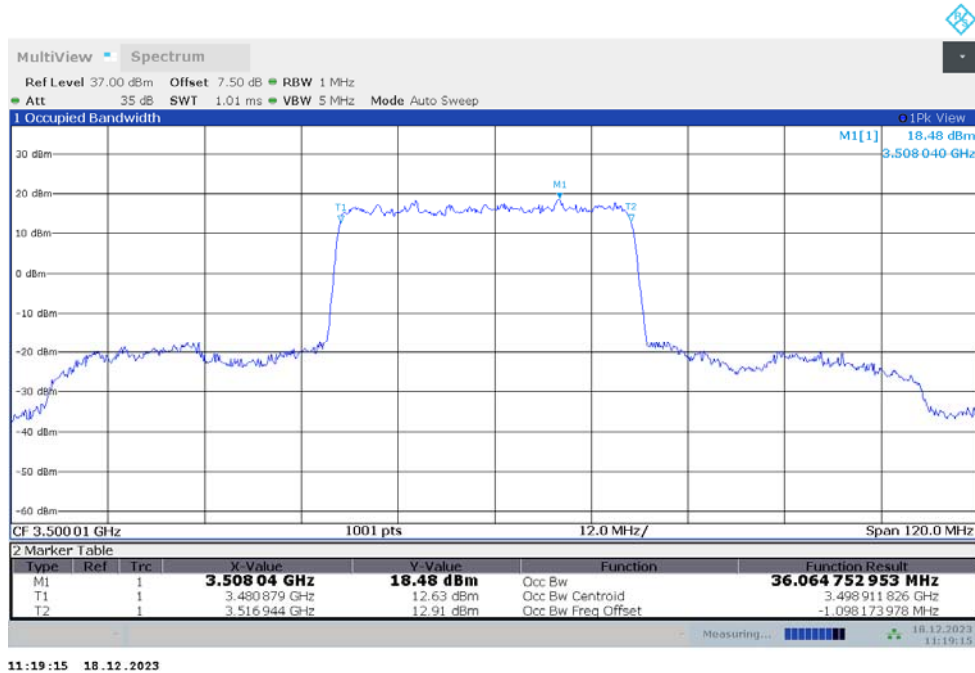
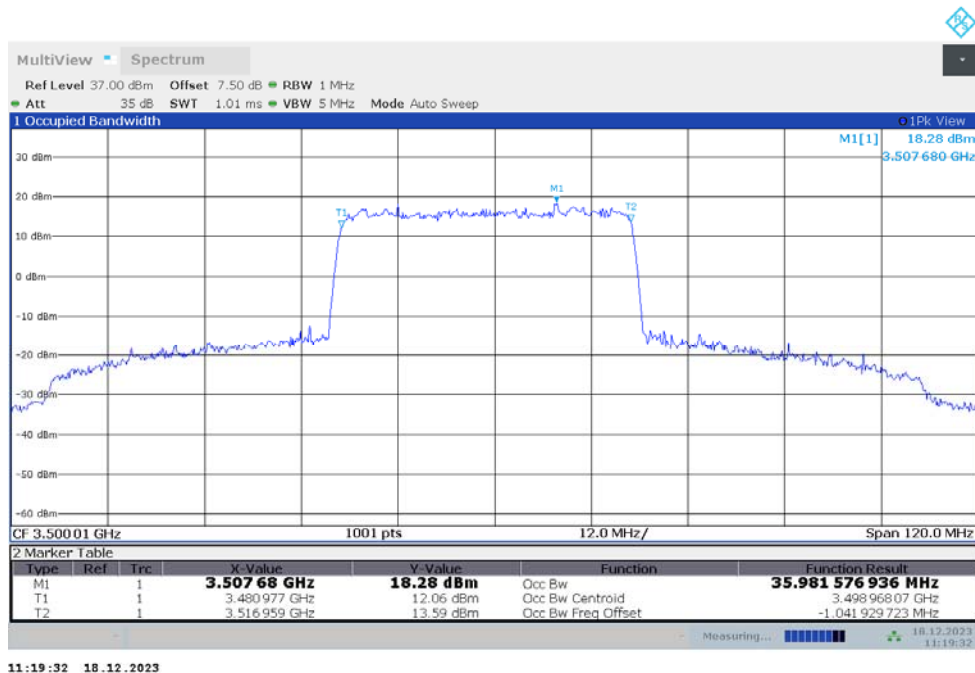
**n78L,30MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	26.948	26.902

**n78L,30MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,30MHz Bandwidth,DFT-s-QPSK (99% BW)**


**n78L,40MHz(99%)**

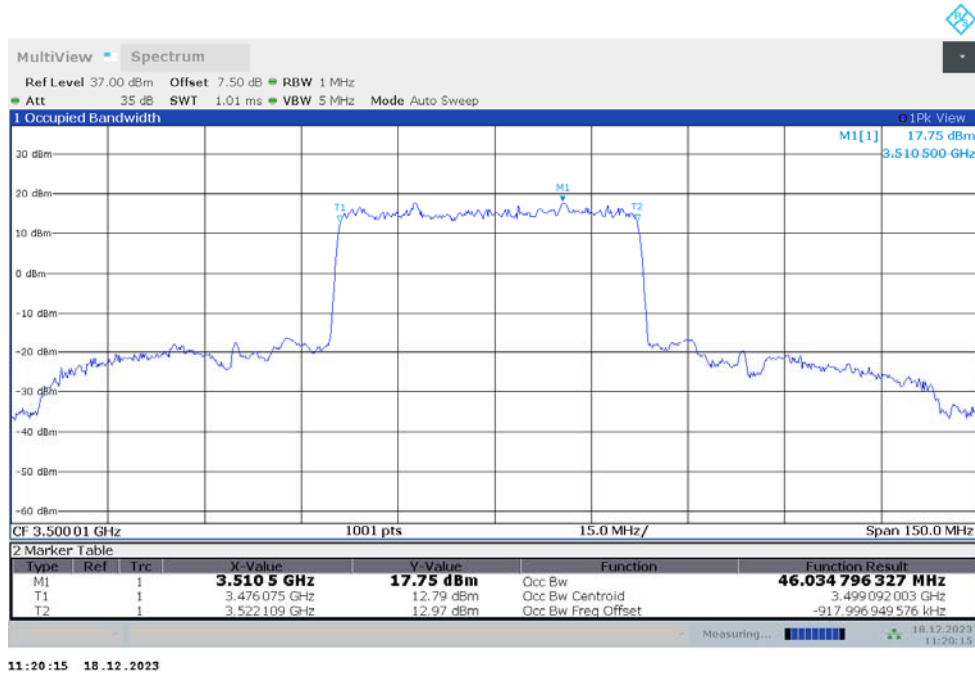
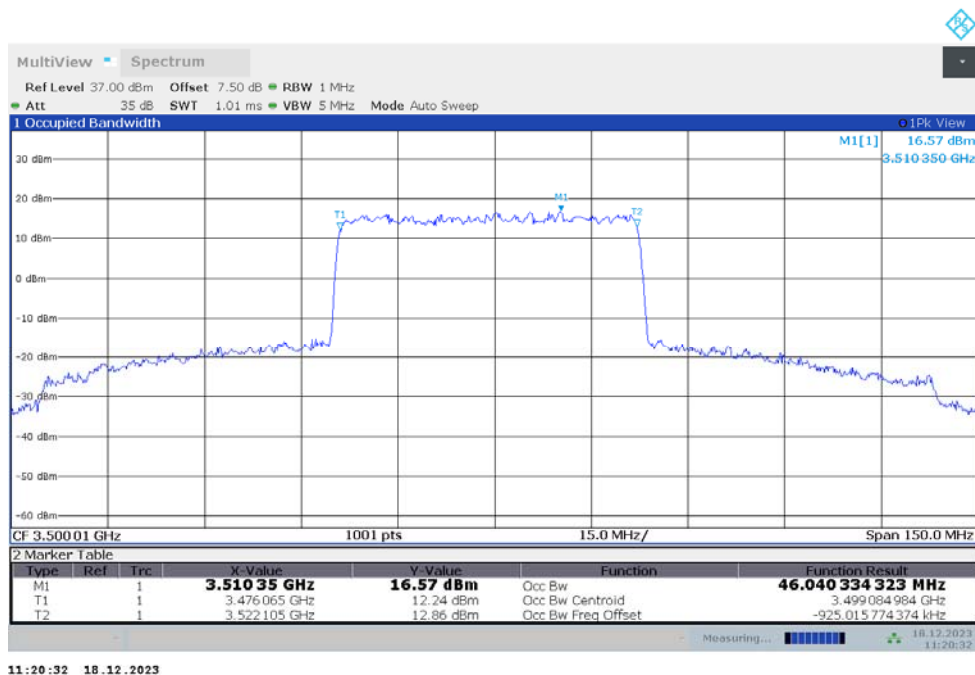
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	36.065	35.982

**n78L,40MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,40MHz Bandwidth,DFT-s-QPSK (99% BW)**




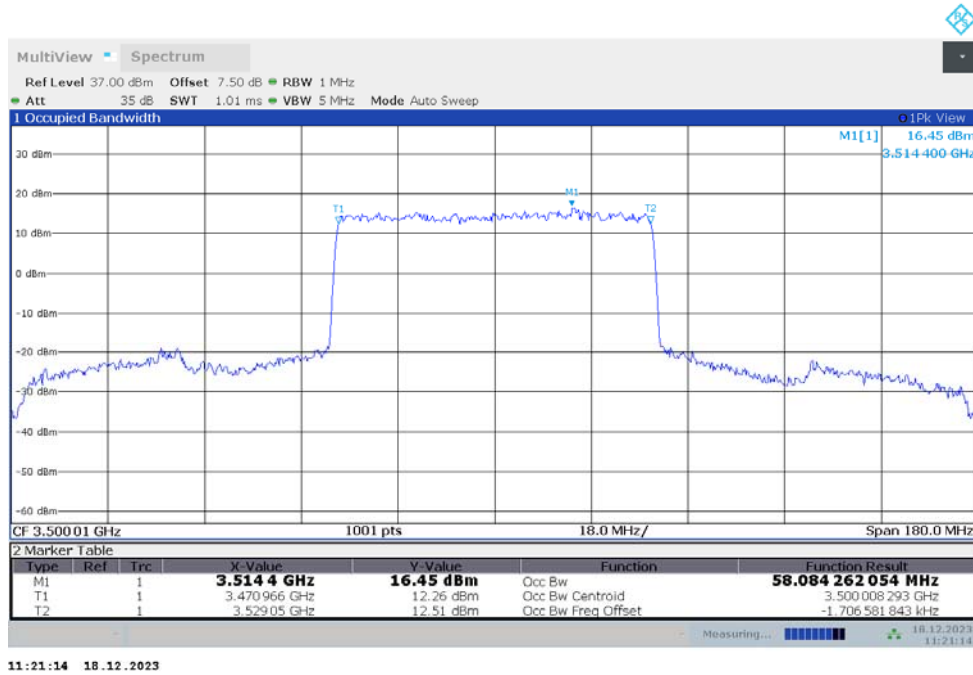
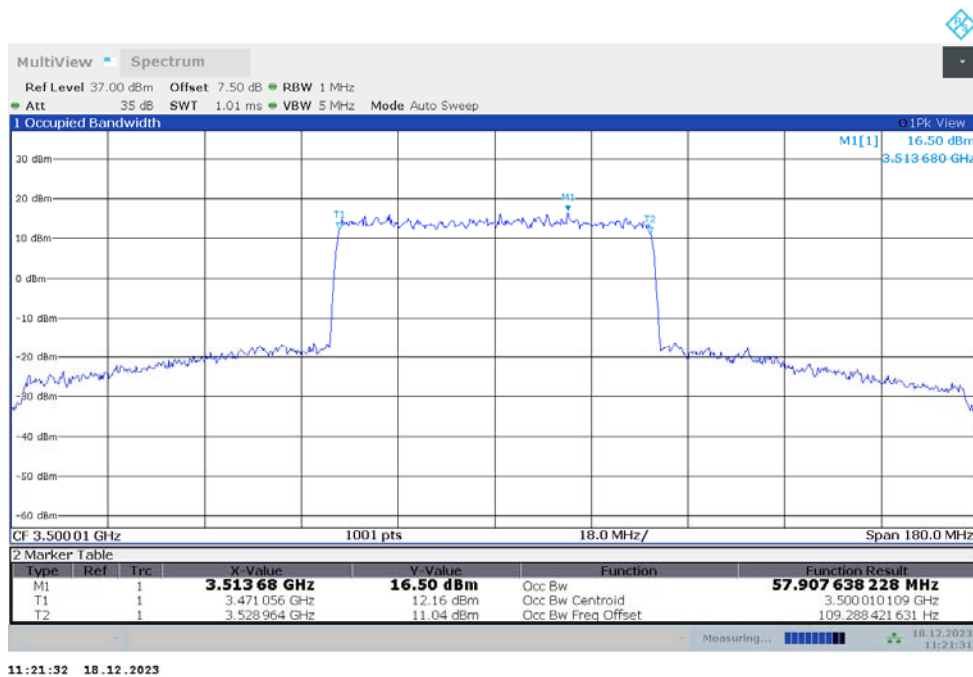
**n78L,50MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	46.035	46.040

**n78L,50MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,50MHz Bandwidth,DFT-s-QPSK (99% BW)**


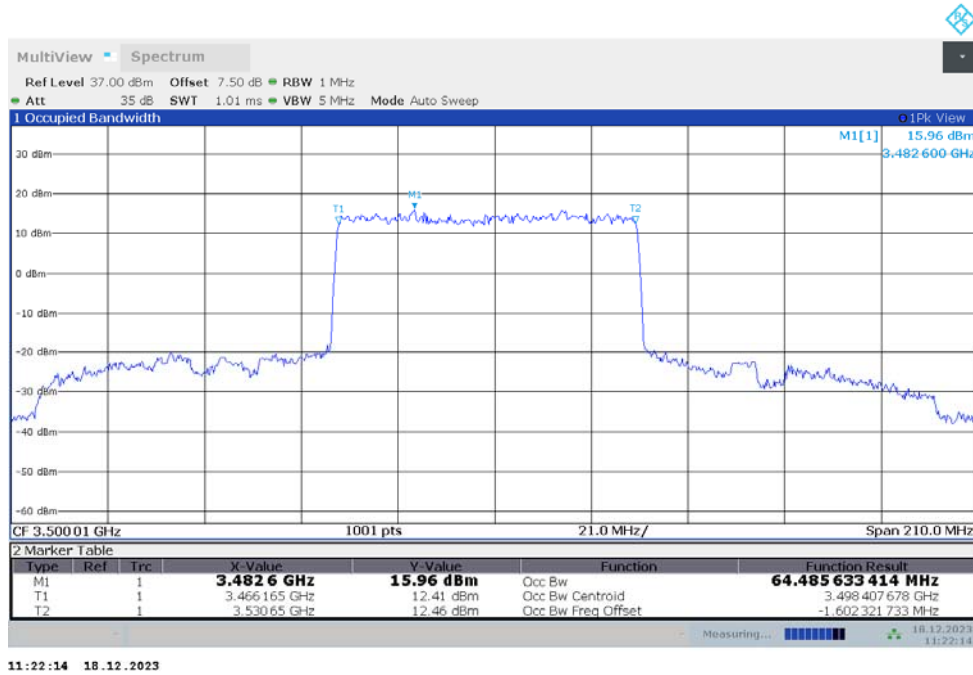
**n78L,60MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	58.084	57.908

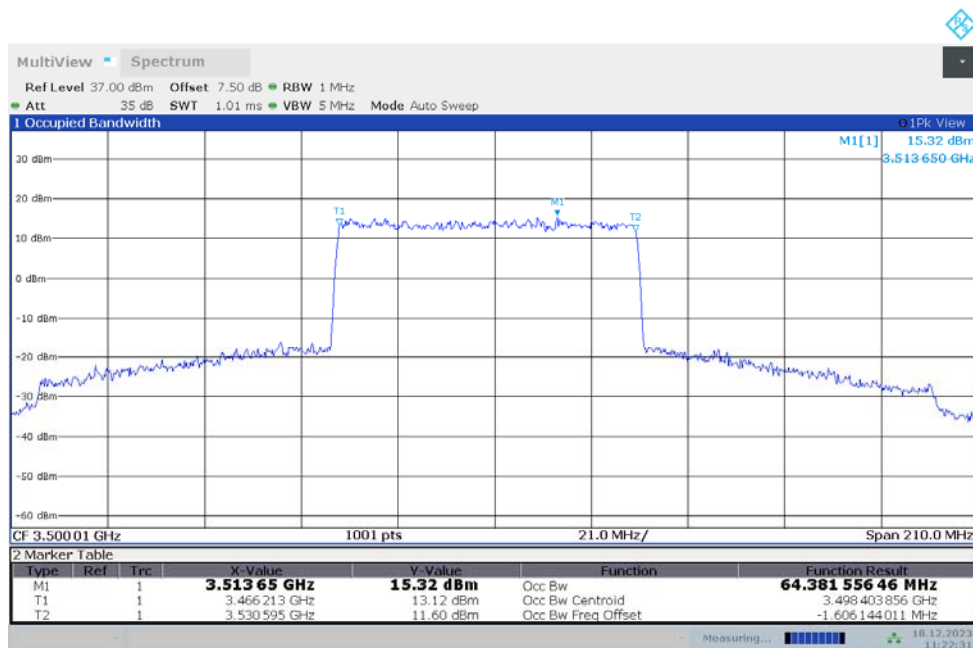
**n78L,60MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,60MHz Bandwidth,DFT-s-QPSK (99% BW)**


**n78L,70MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	64.486	64.382

**n78L,70MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**


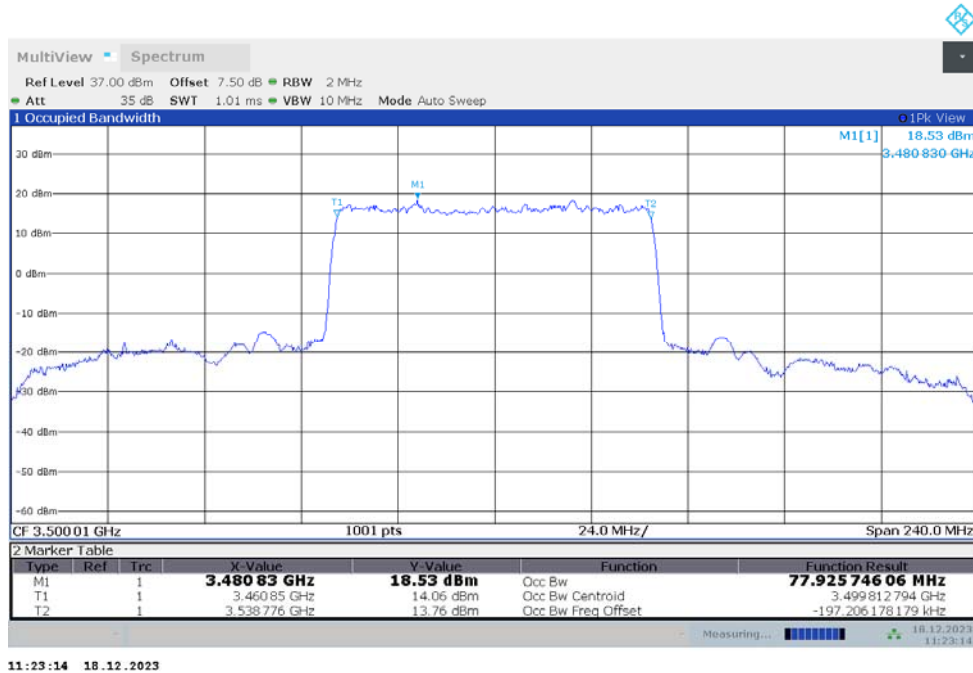
11:22:14 18.12.2023

**n78L,70MHz Bandwidth,DFT-s-QPSK (99% BW)**


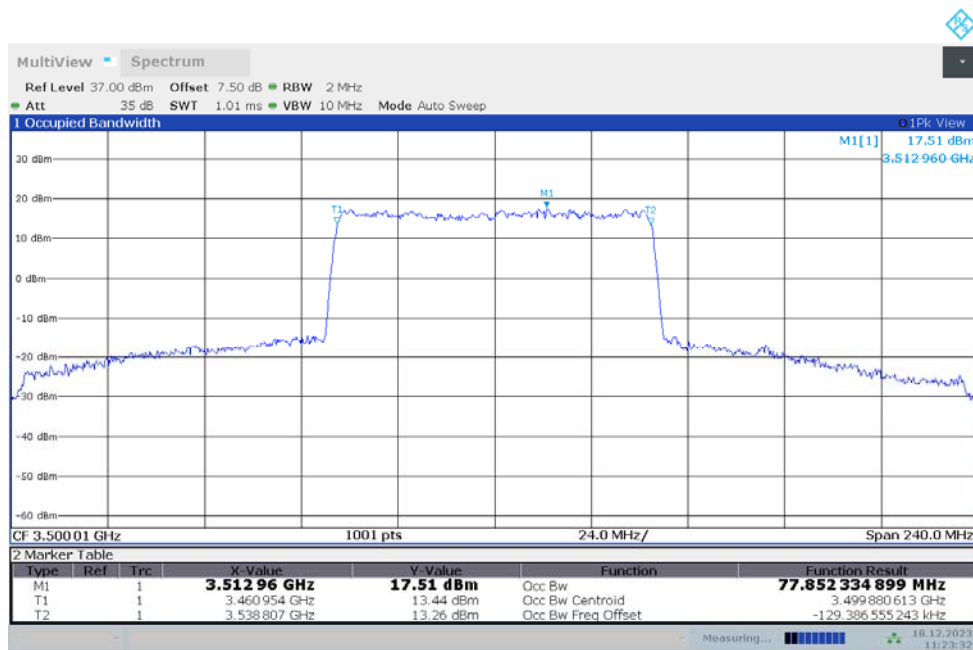
11:22:32 18.12.2023

**n78L,80MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	77.926	77.852

**n78L,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**


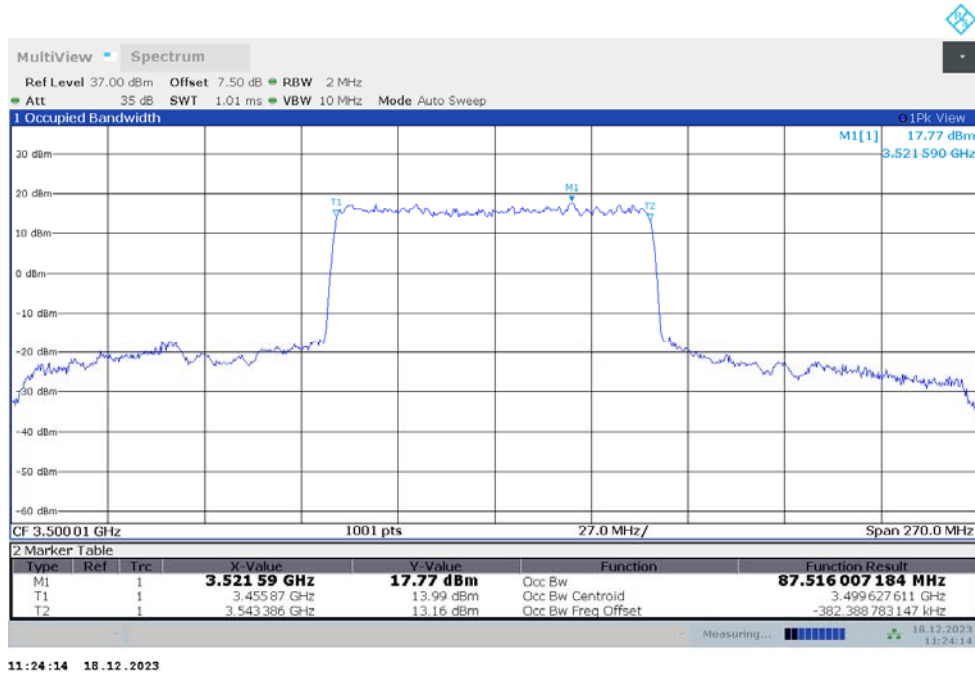
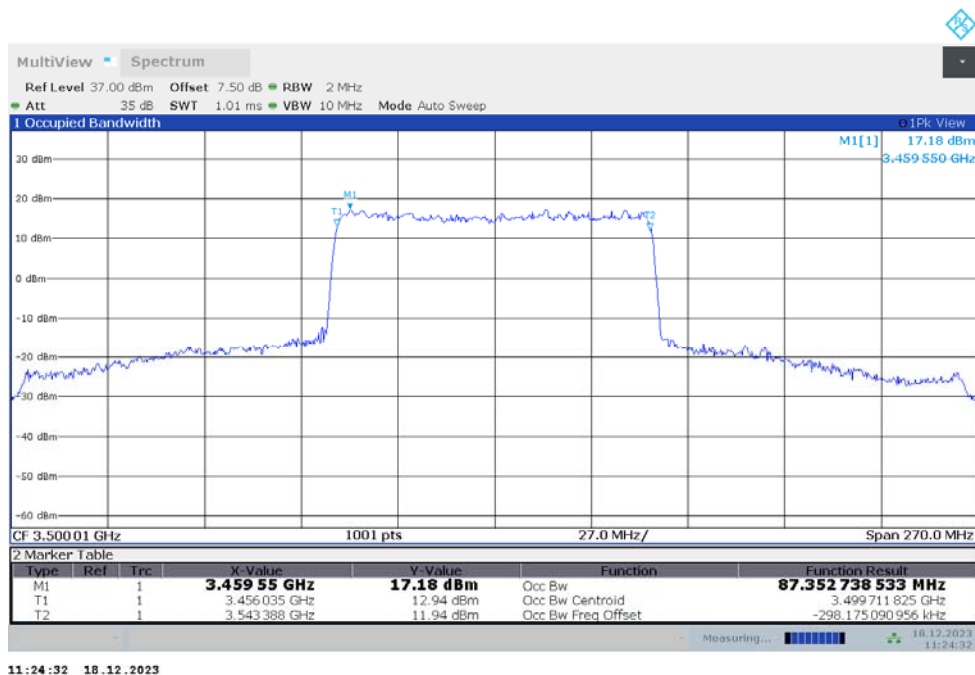
11:23:14 18.12.2023

**n78L,80MHz Bandwidth,DFT-s-QPSK (99% BW)**


11:23:32 18.12.2023

**n78L,90MHz(99%)**

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	87.516	87.353

**n78L,90MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

**n78L,90MHz Bandwidth,DFT-s-QPSK (99% BW)**


Note: The maximum value of expanded measurement uncertainty for this test item is  $U = 0.626$  kHz,  $k = 2$ .

## **A.5 Emission Bandwidth**

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

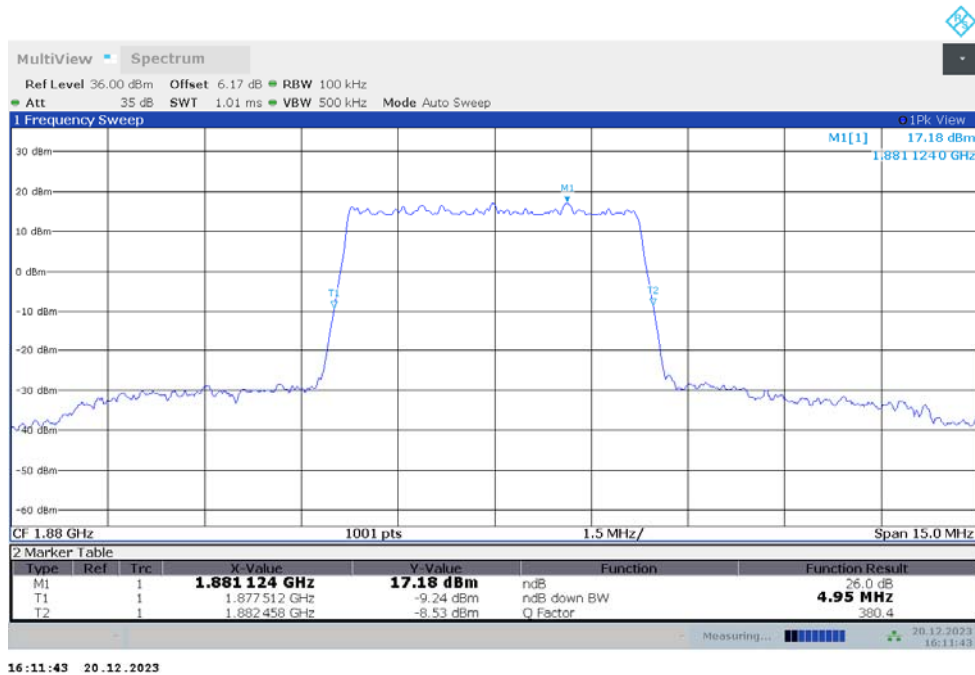
The measurement method is from ANSI C63.26:

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

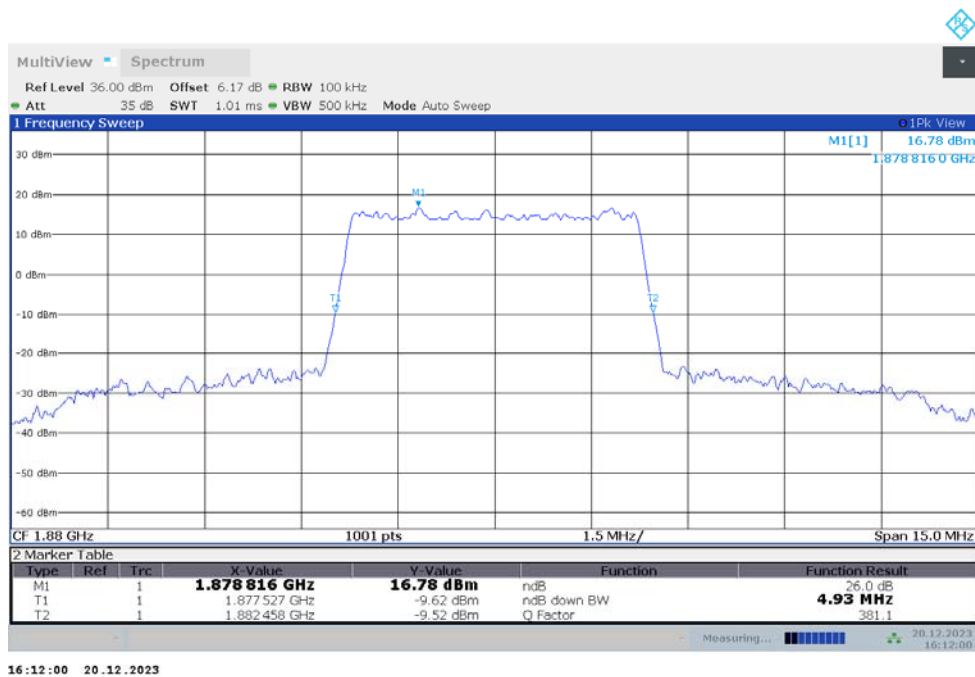
**n2,5MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	4.945	4.930

**n2,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**



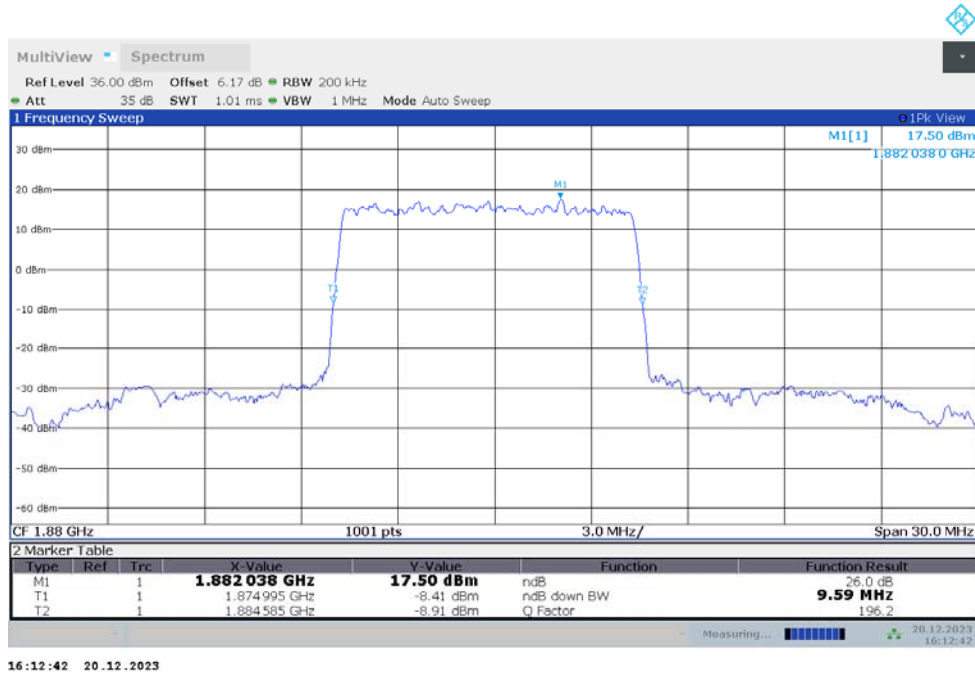
**n2,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**





**n2,10MHz(-26dBc)**

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1880	9.590	9.560

**n2,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

**n2,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**
