n77L

n77L,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	18.030	18.026

n77L,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
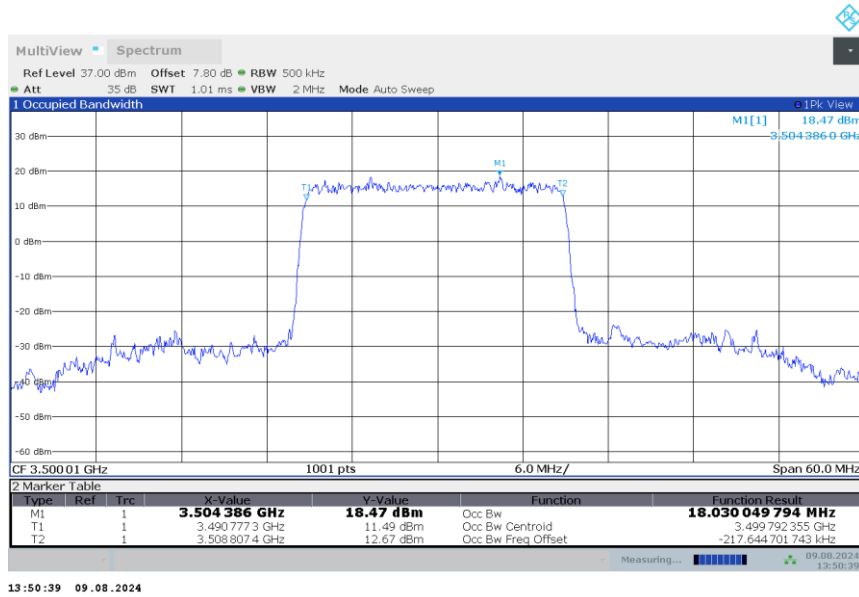
13:50:39 09.08.2024

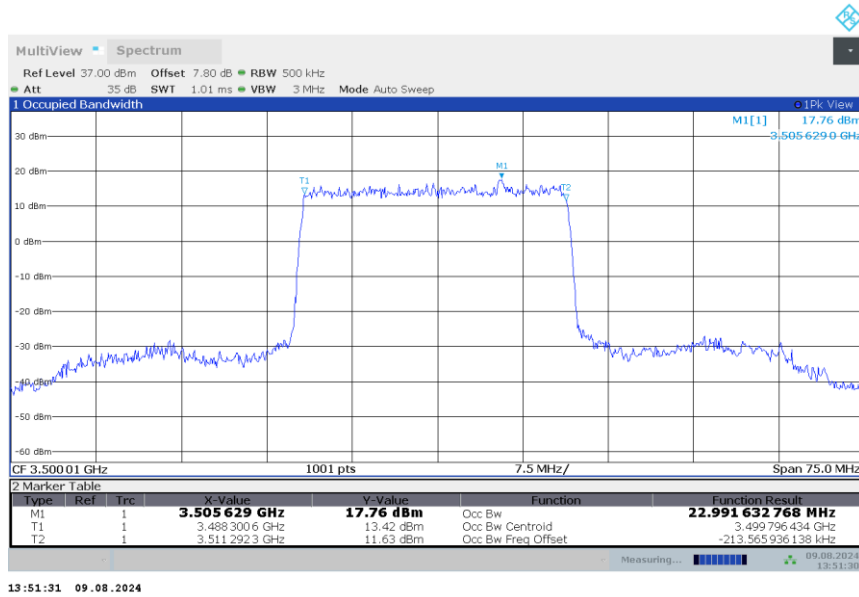**n77L,20MHz Bandwidth,DFT-s-QPSK (99% BW)**
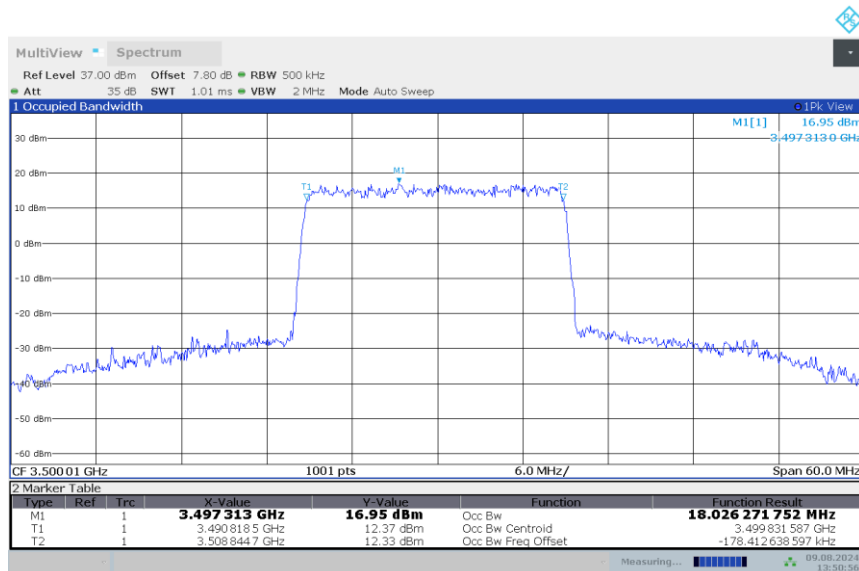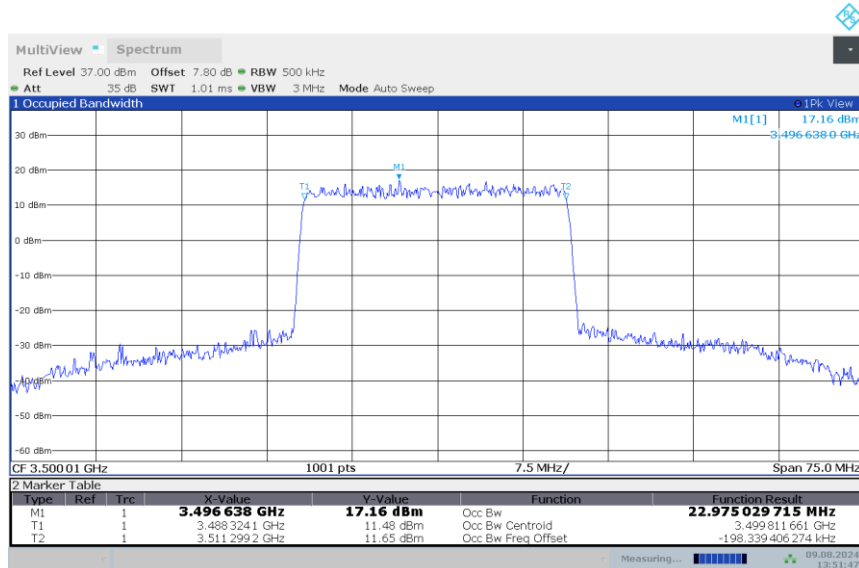

13:50:56 09.08.2024

n77L

n77L,25MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	22.992	22.975

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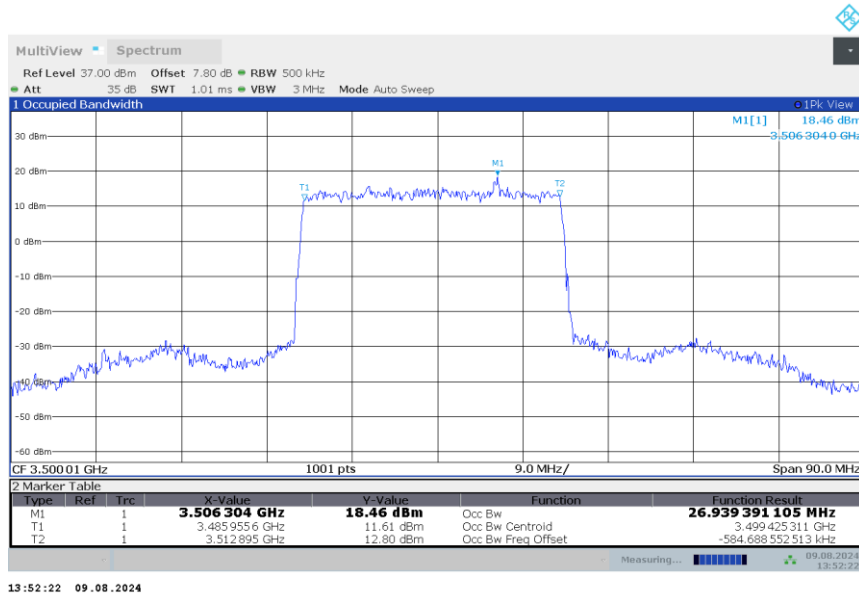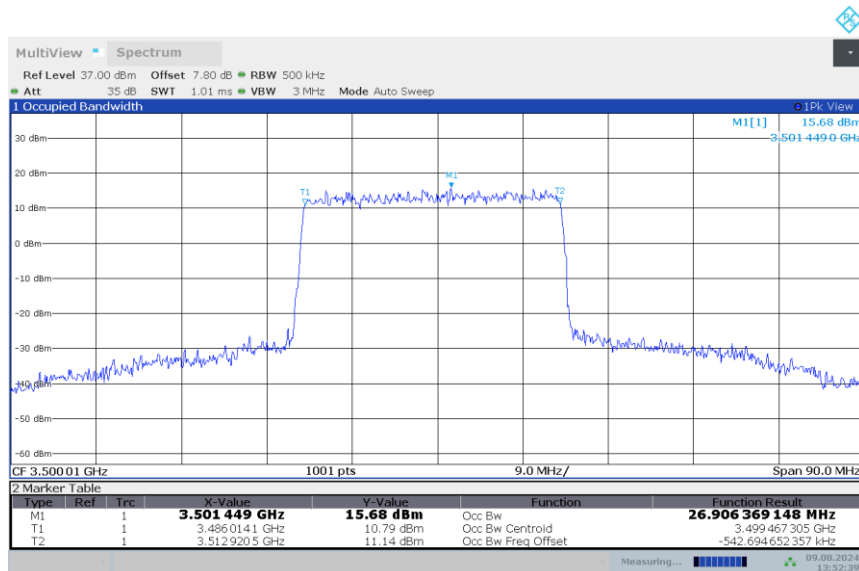

n77L,25MHz Bandwidth,DFT-s-QPSK (99% BW)

n77L

n77L,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	26.939	26.906

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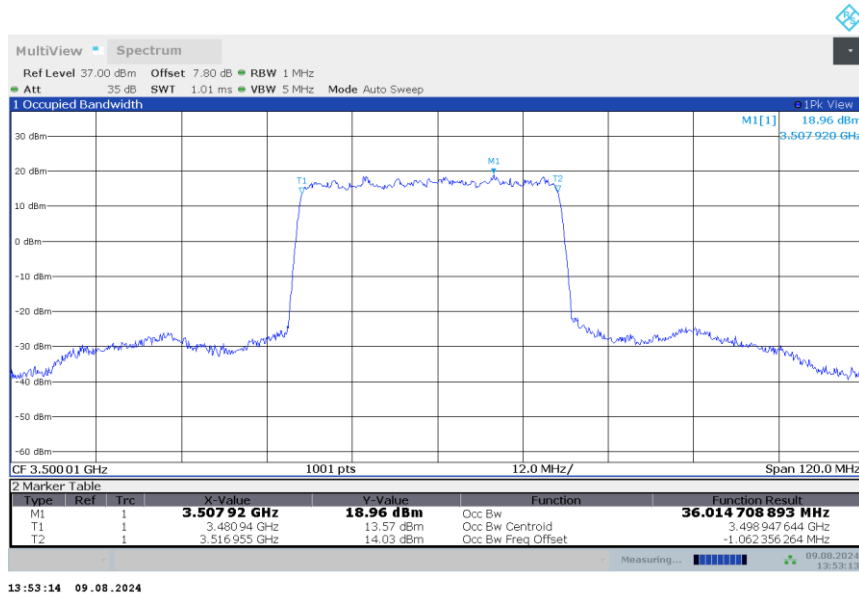

n77L,30MHz Bandwidth,DFT-s-QPSK (99% BW)

n77L

n77L,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	36.015	35.915

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

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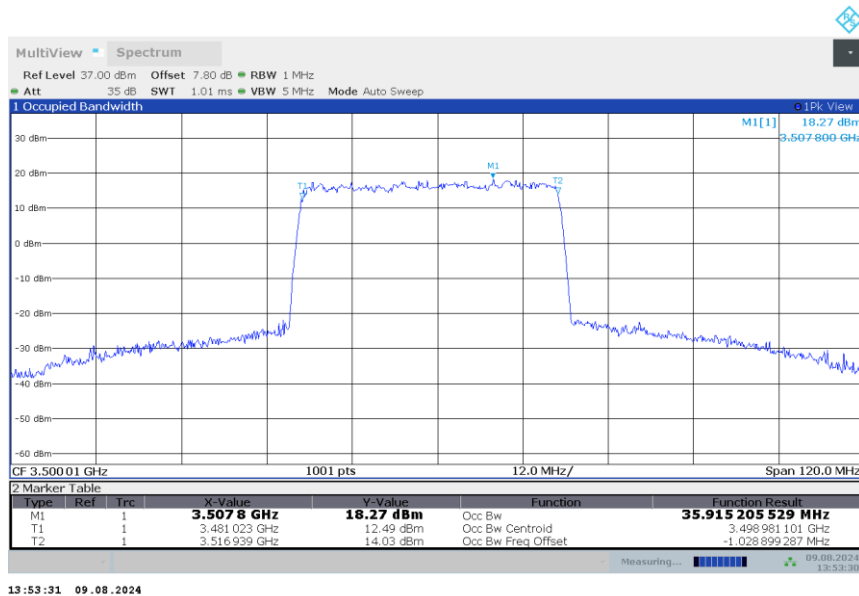
n77L

n77L,50MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	45.984	45.936

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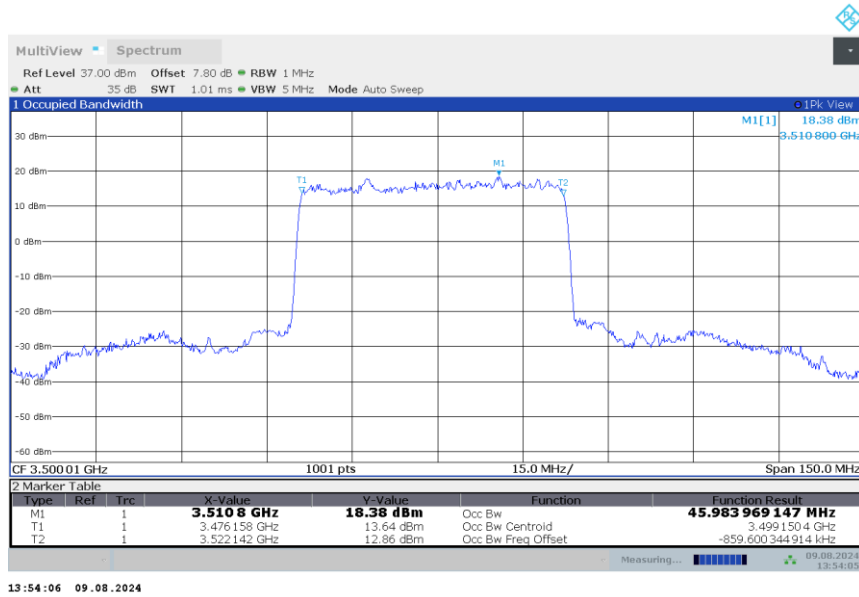
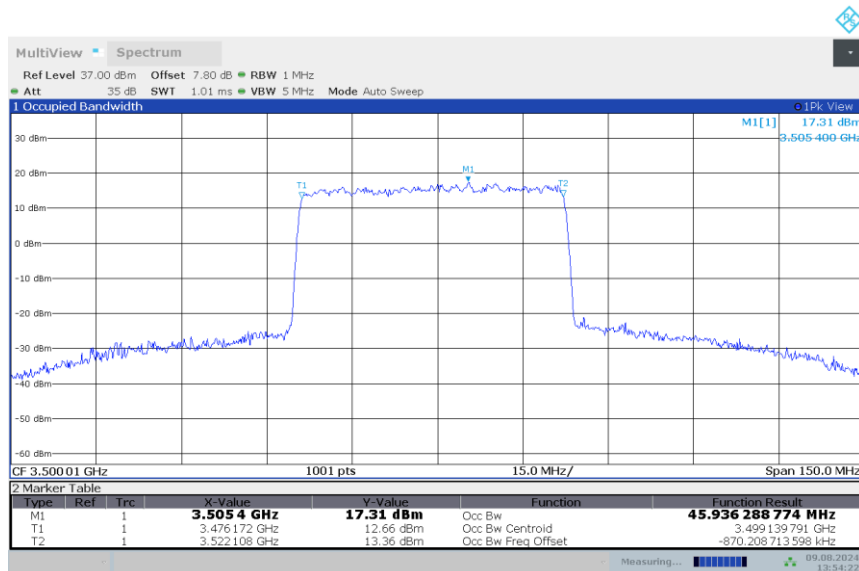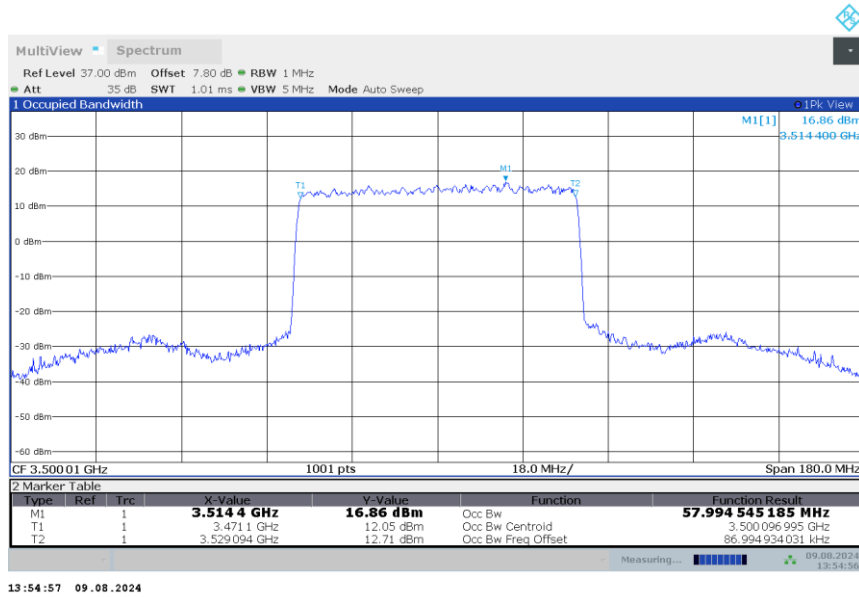**n77L,50MHz Bandwidth,DFT-s-QPSK (99% BW)**

n77L

n77L,60MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	57.995	57.776

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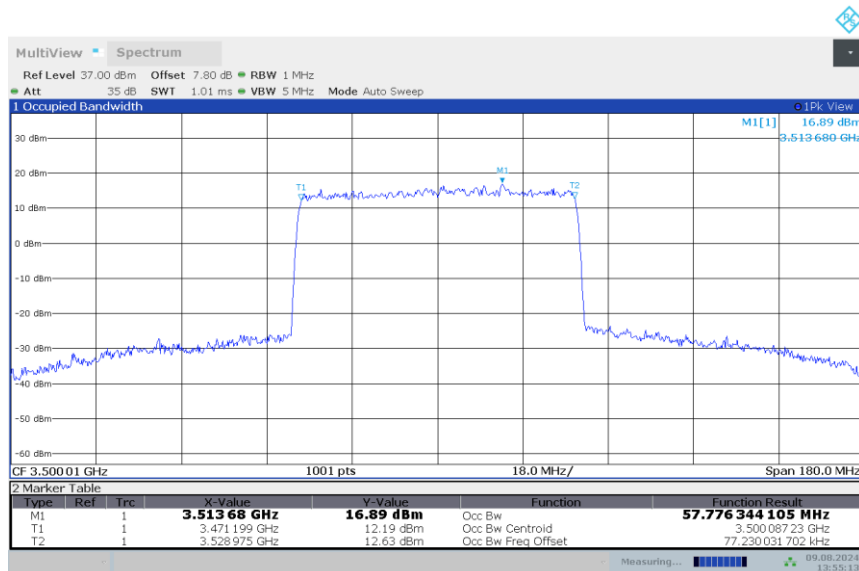
n77L,60MHz Bandwidth,DFT-s-QPSK (99% BW)

n77L

n77L,70MHz(99%)

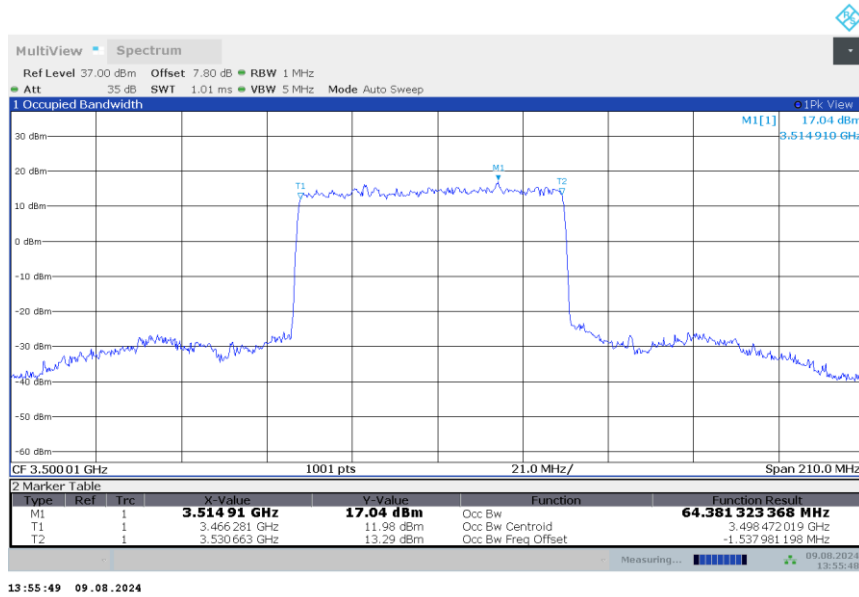| Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	64.381	64.249

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

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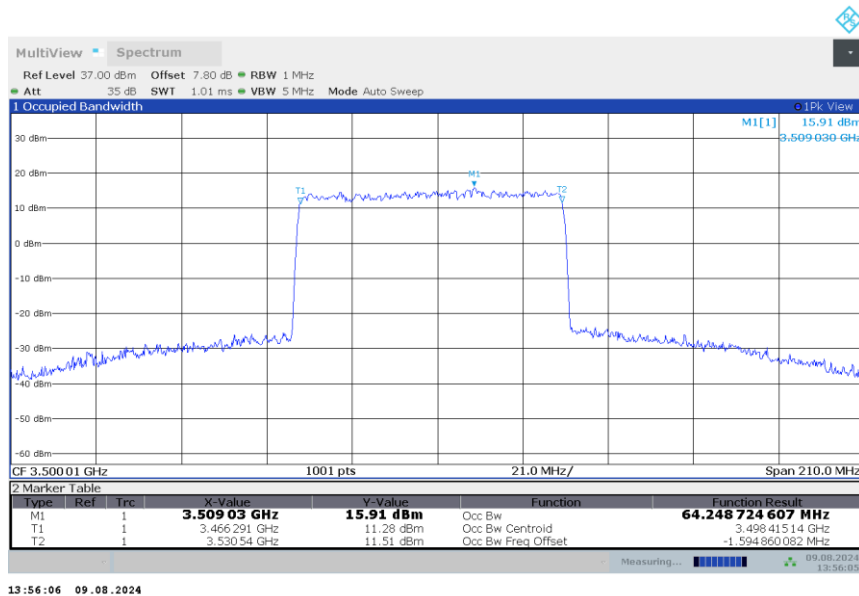
n77L

n77L,80MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	77.606	77.464
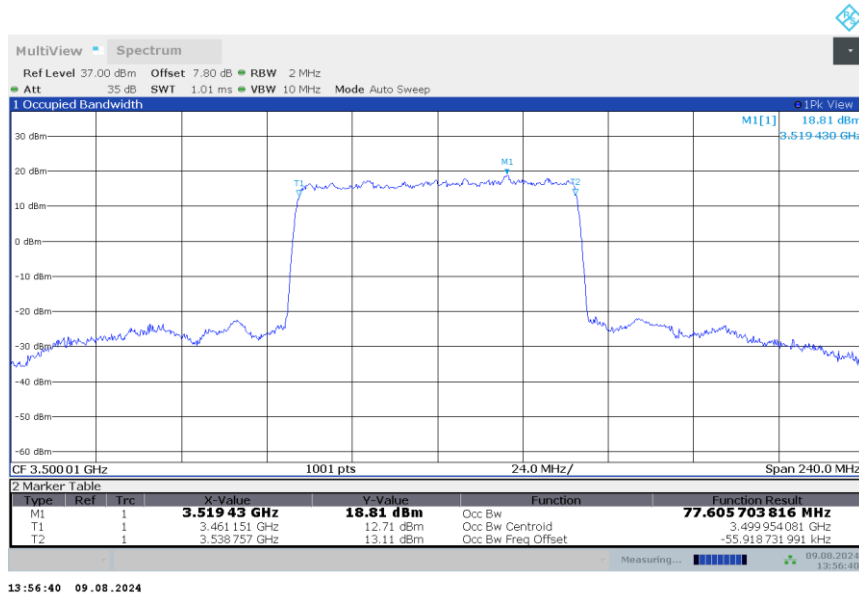
n77L,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)

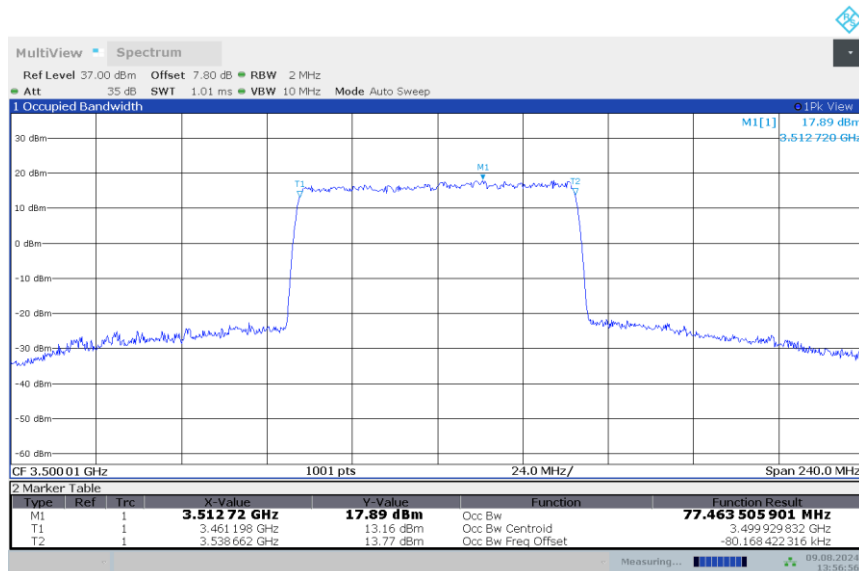### n77L,80MHz Bandwidth,DFT-s-QPSK (99% BW)

n77L

n77L,90MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	87.194	87.053

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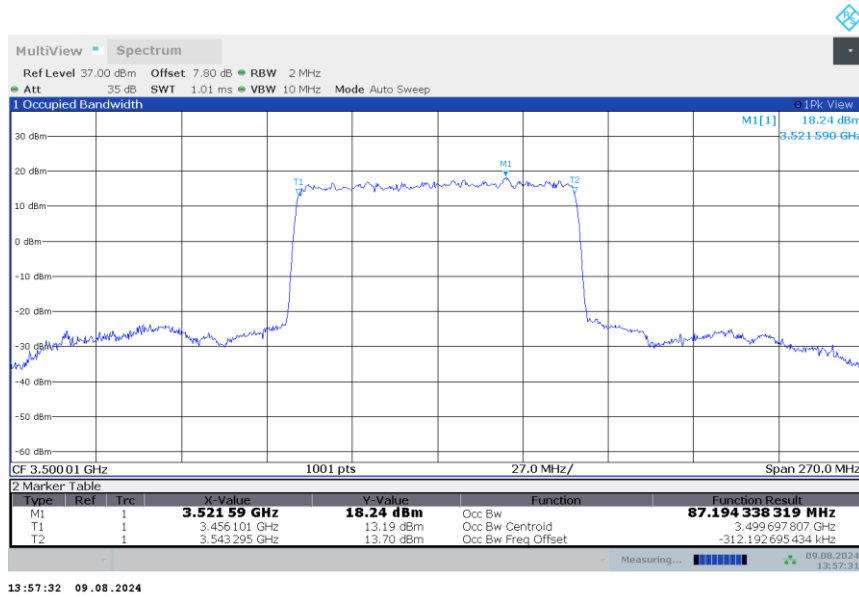
n77L,90MHz Bandwidth,DFT-s-QPSK (99% BW)

n77L

n77L,100MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3500.01	96.897	96.534

n77L,100MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
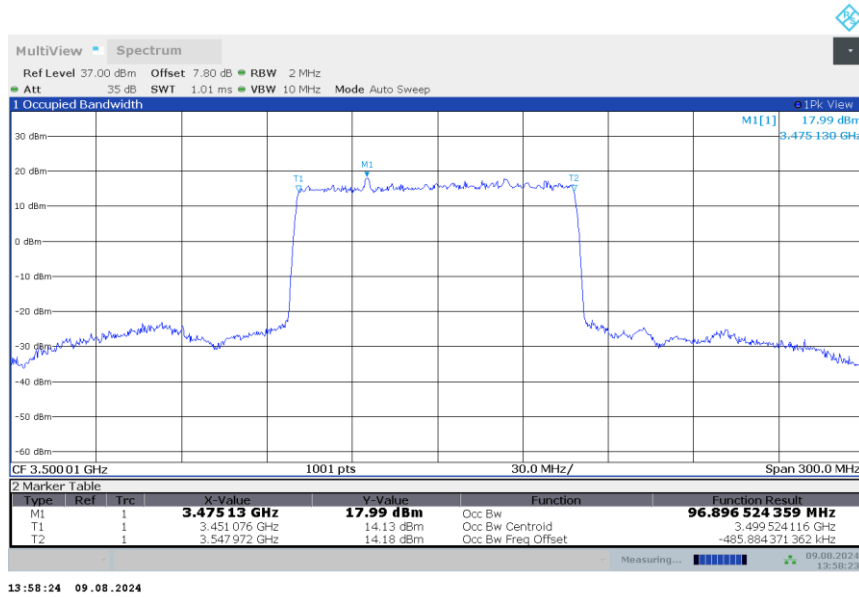
13:58:24 09.08.2024

n77L,100MHz Bandwidth,DFT-s-QPSK (99% BW)

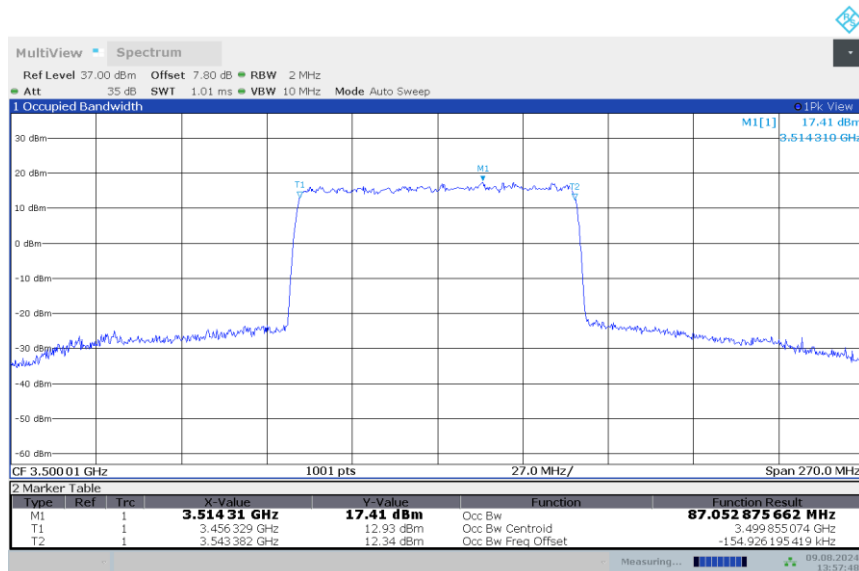13:58:40 09.08.2024
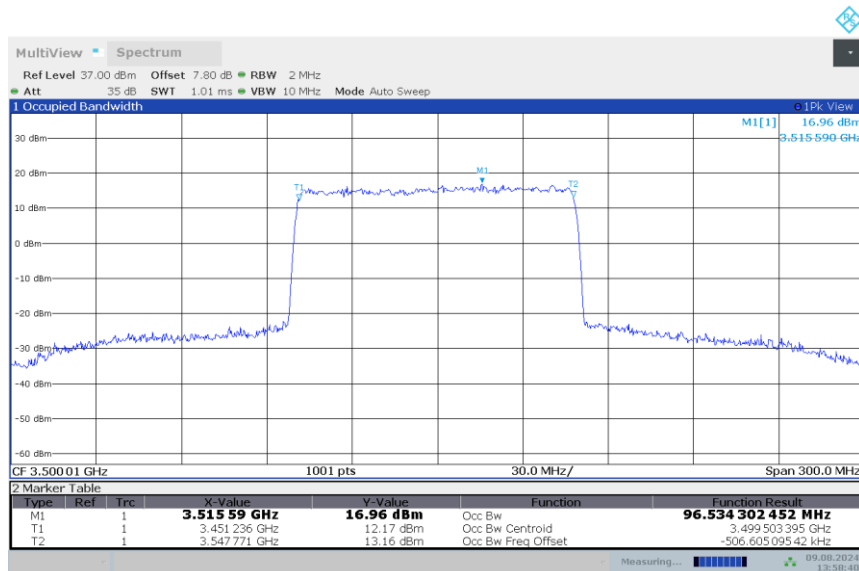
n77H

n77H,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	8.625	8.595

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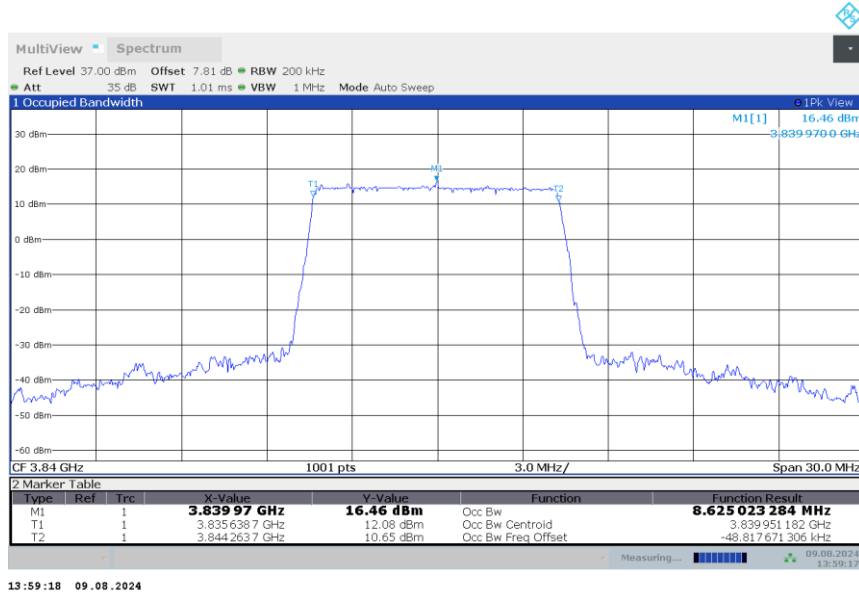
n77H,10MHz Bandwidth,DFT-s-QPSK (99% BW)

n77H

n77H,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	12.929	12.985

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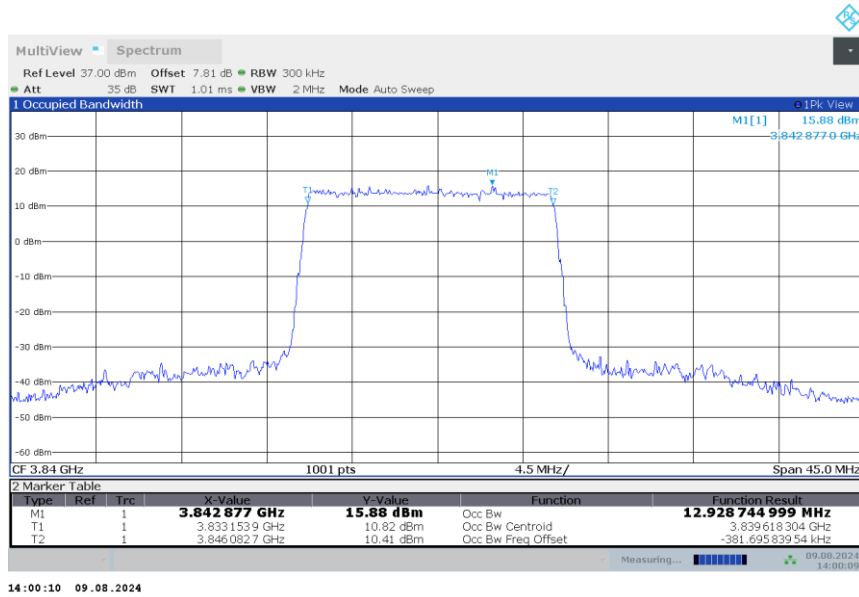
n77H,15MHz Bandwidth,DFT-s-QPSK (99% BW)

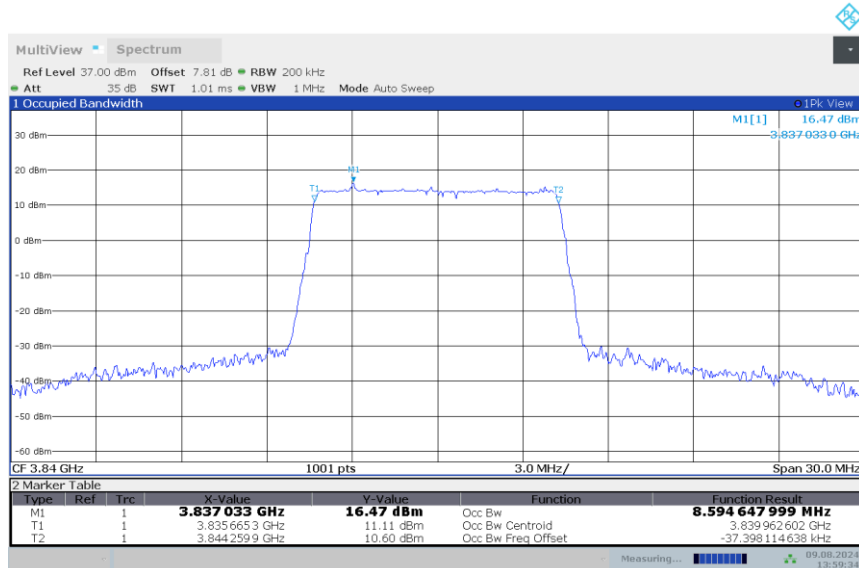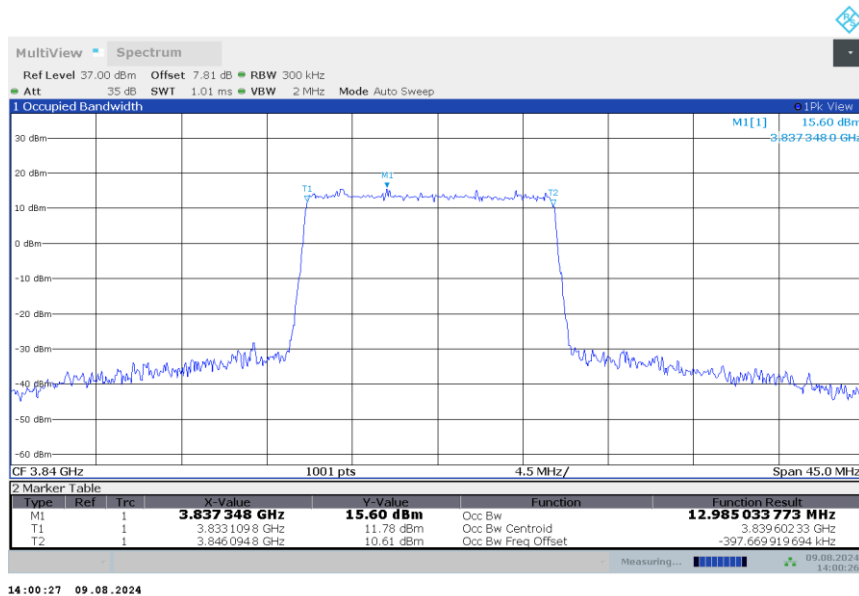**n77H**

n77H,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	18.061	17.986

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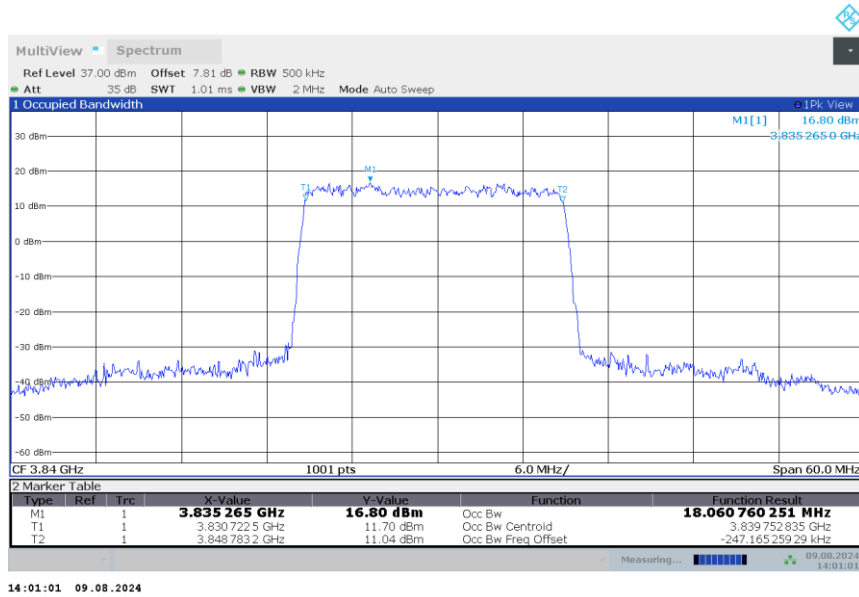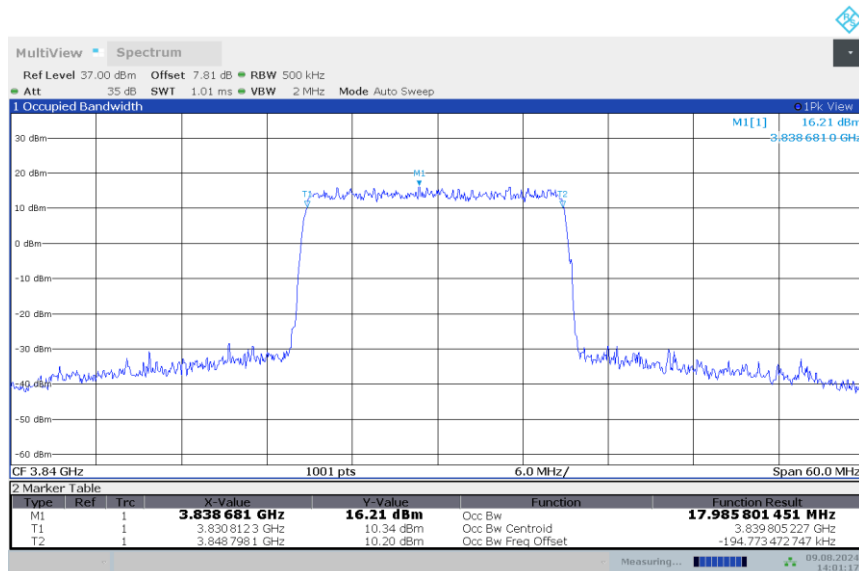
n77H,20MHz Bandwidth,DFT-s-QPSK (99% BW)

n77H

n77H,25MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	22.998	22.977

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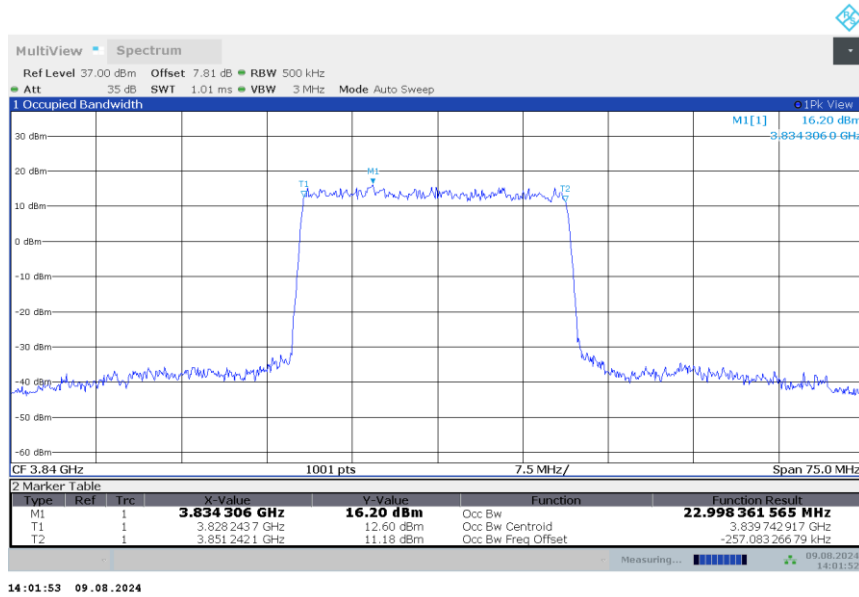
n77H,25MHz Bandwidth,DFT-s-QPSK (99% BW)
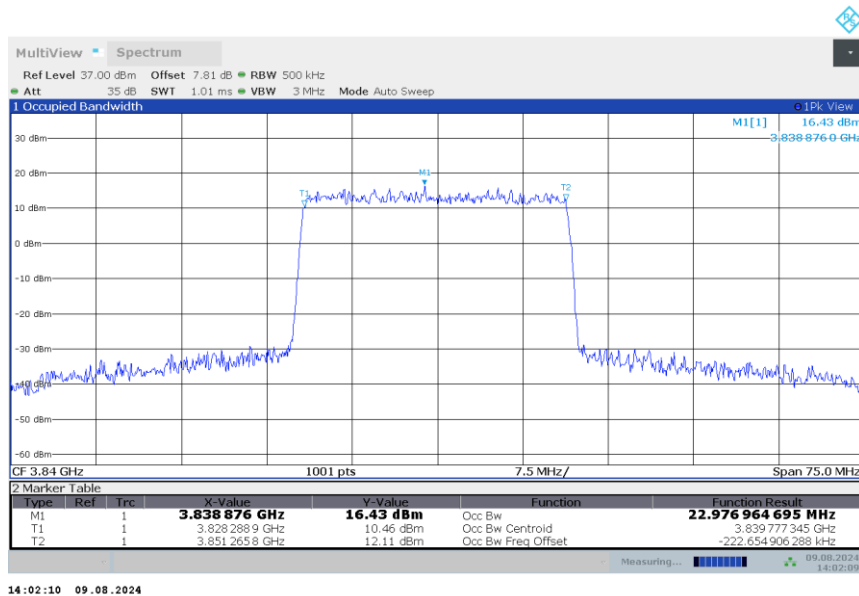
n77H

n77H,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	26.864	26.902

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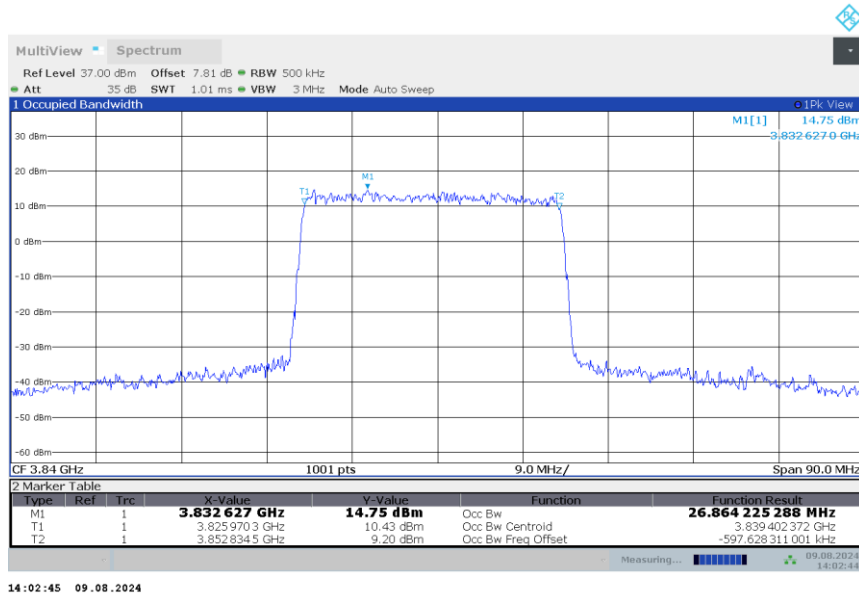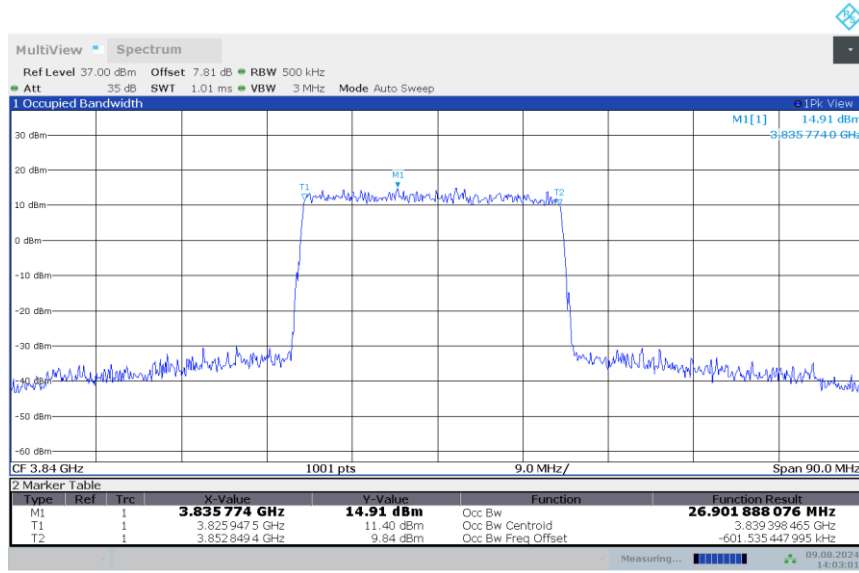
n77H,30MHz Bandwidth,DFT-s-QPSK (99% BW)

n77H

n77H,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	35.946	35.890

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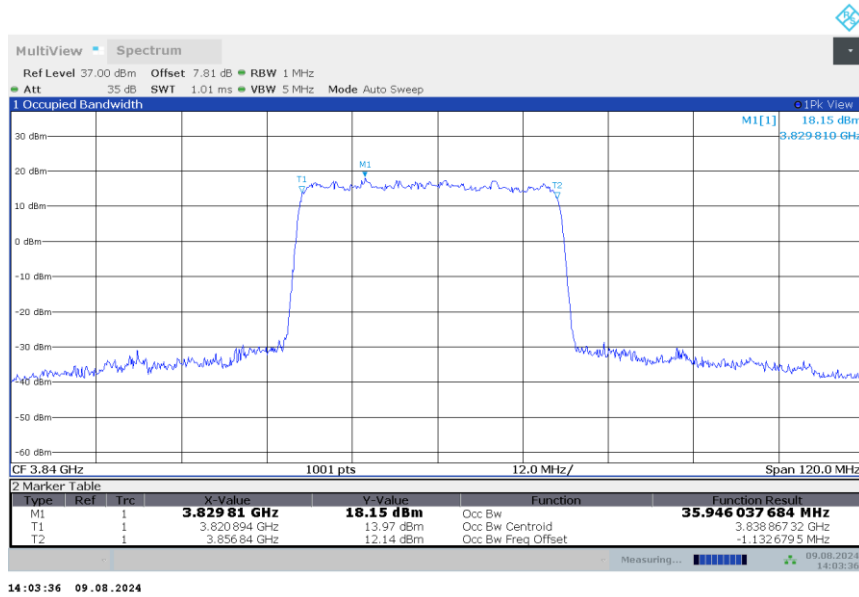
n77H,40MHz Bandwidth,DFT-s-QPSK (99% BW)

n77H

n77H,50MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	45.904	45.881

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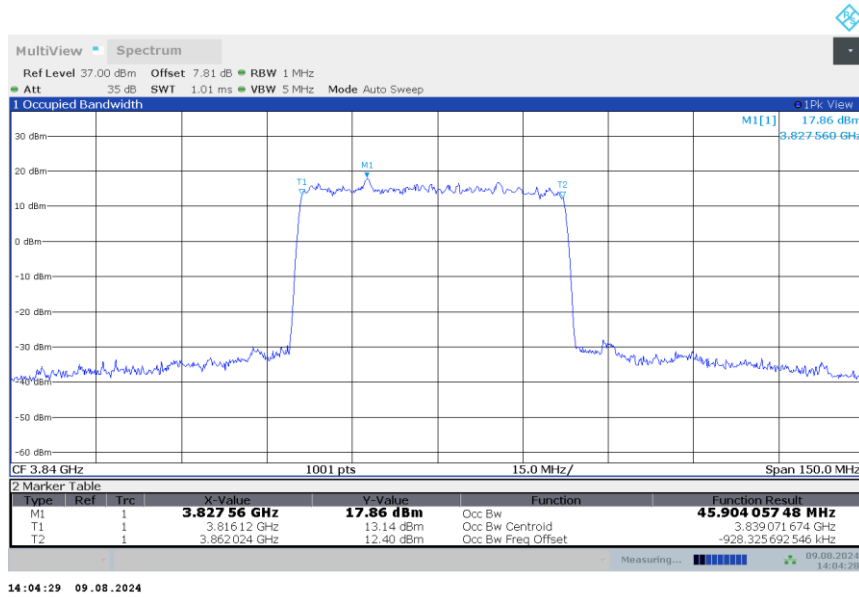
n77H,50MHz Bandwidth,DFT-s-QPSK (99% BW)

n77H

n77H,60MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	57.961	57.770

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

14:05:20 09.08.2024

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

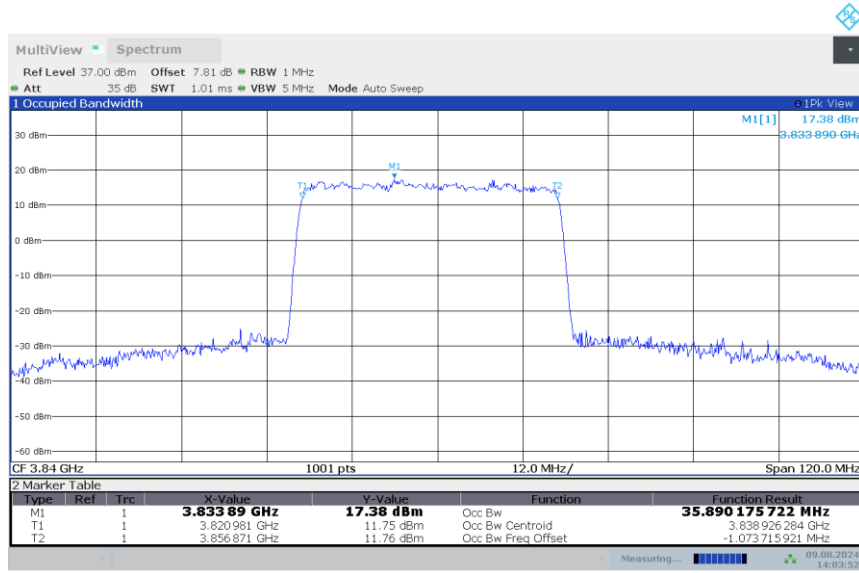
14:05:37 09.08.2024
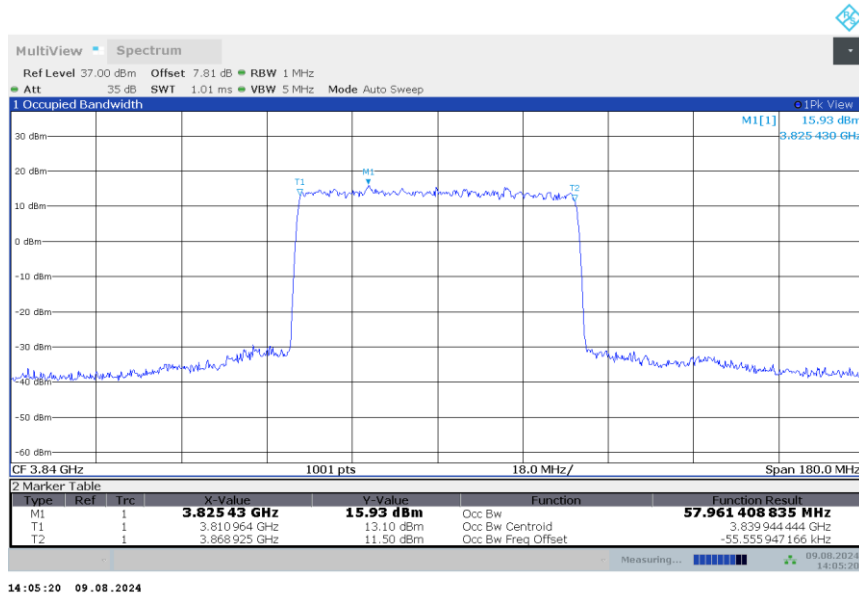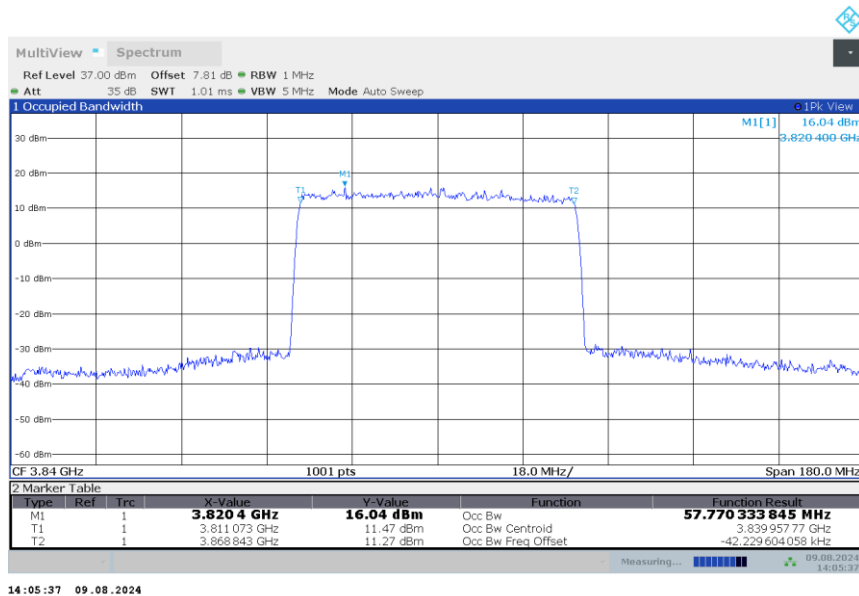
n77H

n77H,70MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	64.252	64.256

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

14:06:12 09.08.2024

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

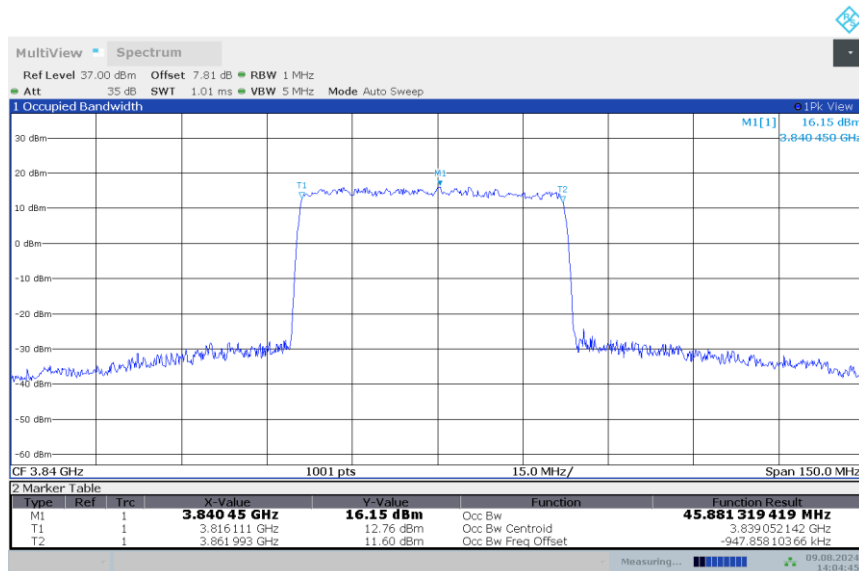14:06:29 09.08.2024
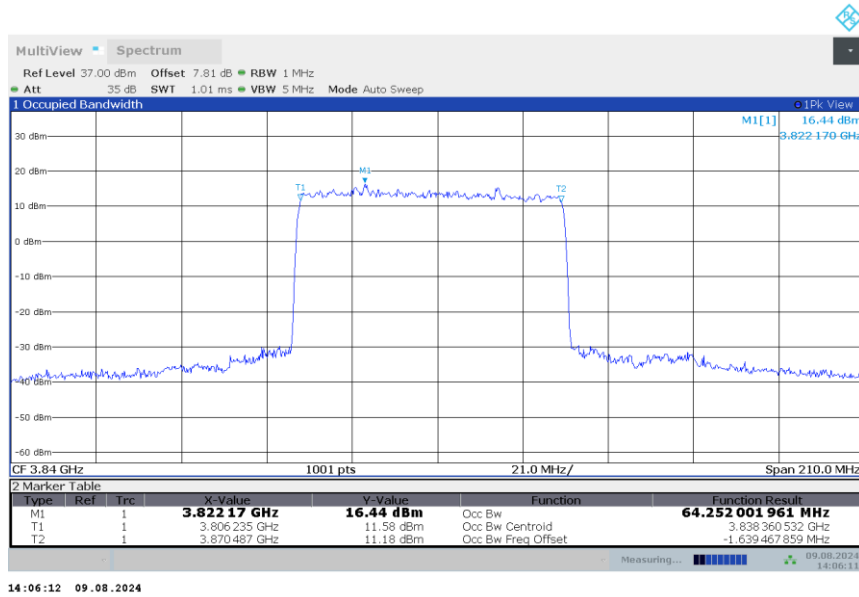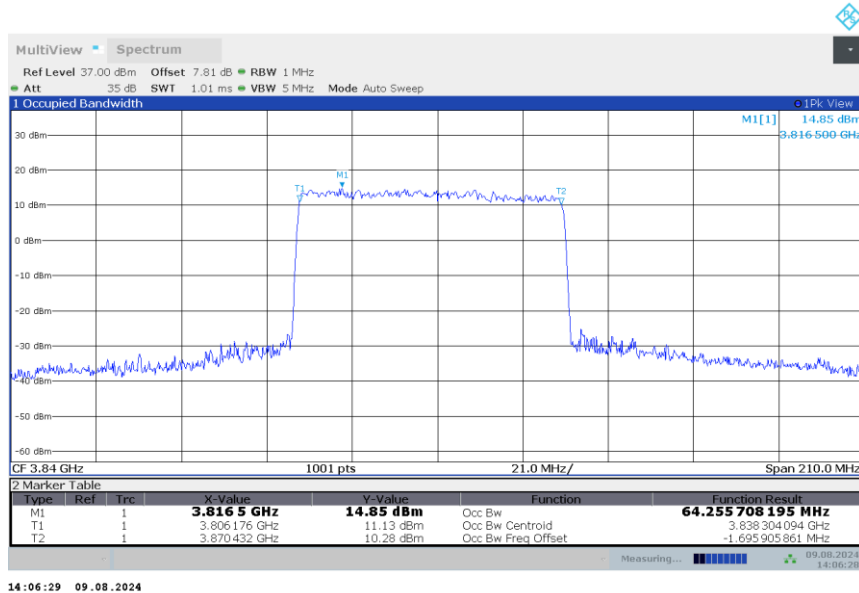
n77H

n77H,80MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	77.726	77.498

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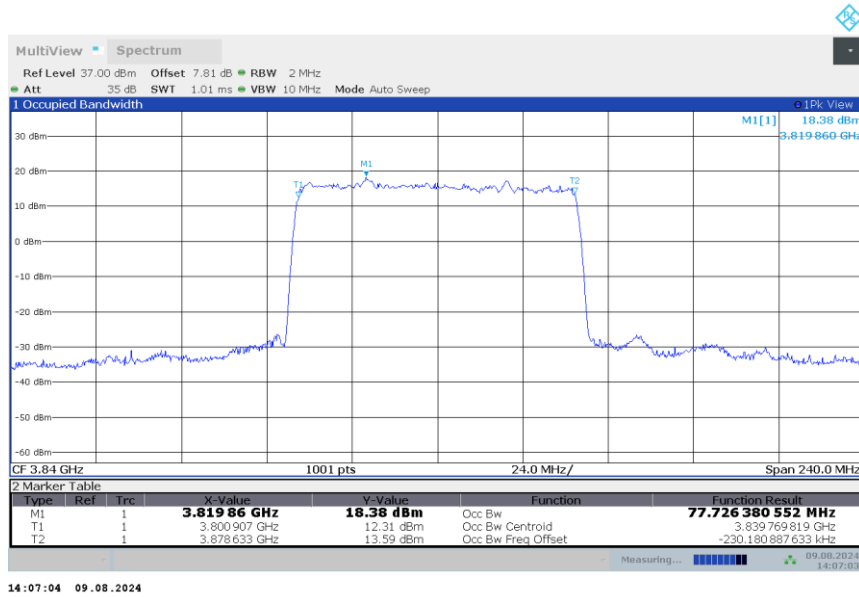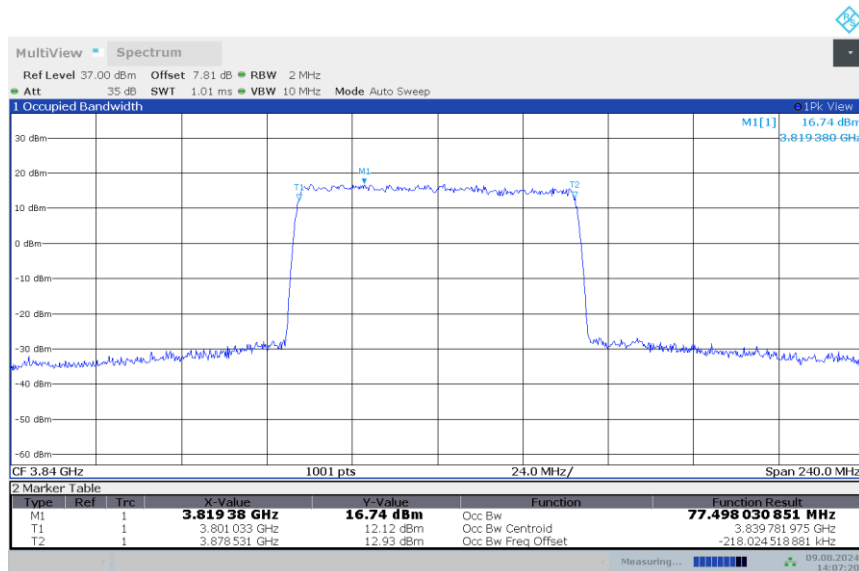
n77H,80MHz Bandwidth,DFT-s-QPSK (99% BW)

n77H

n77H,90MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	87.265	86.990

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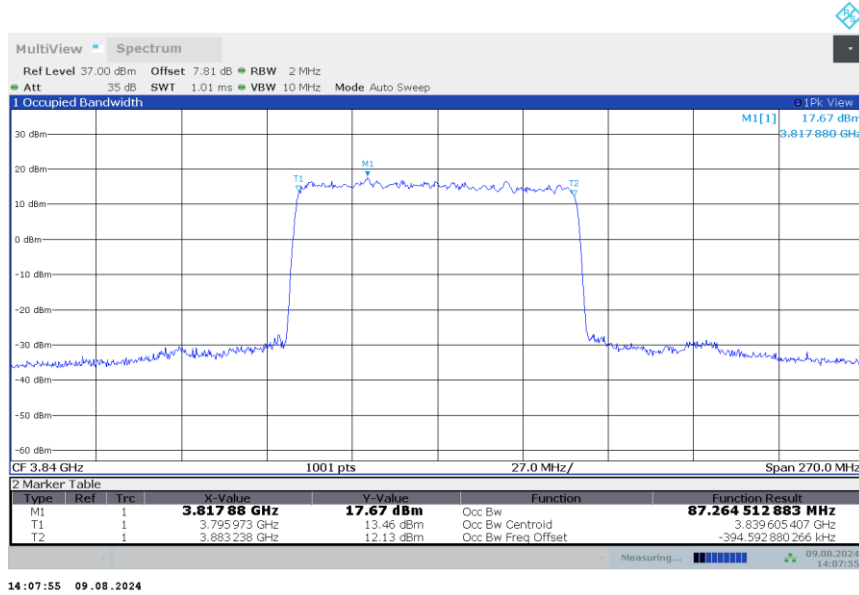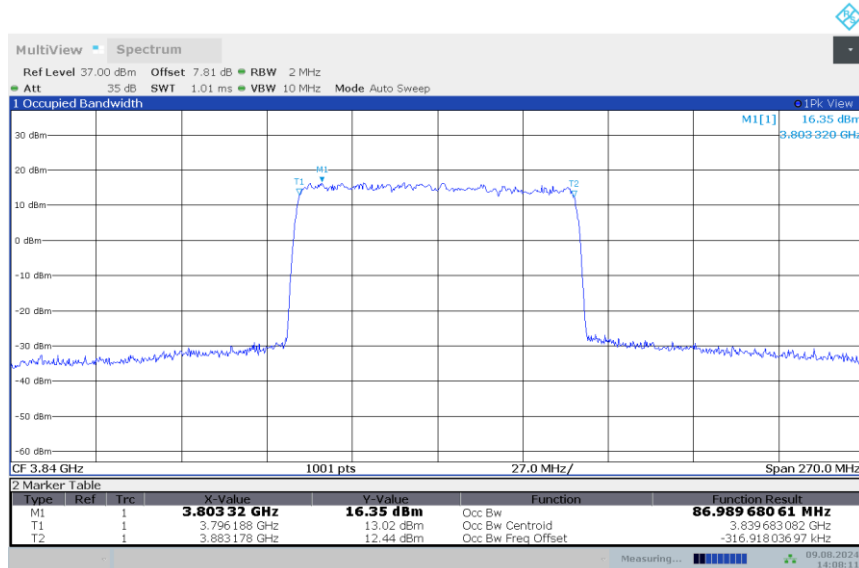
n77H,90MHz Bandwidth,DFT-s-QPSK (99% BW)

n77H

n77H,100MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
3840	96.819	96.392

n77H,100MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)
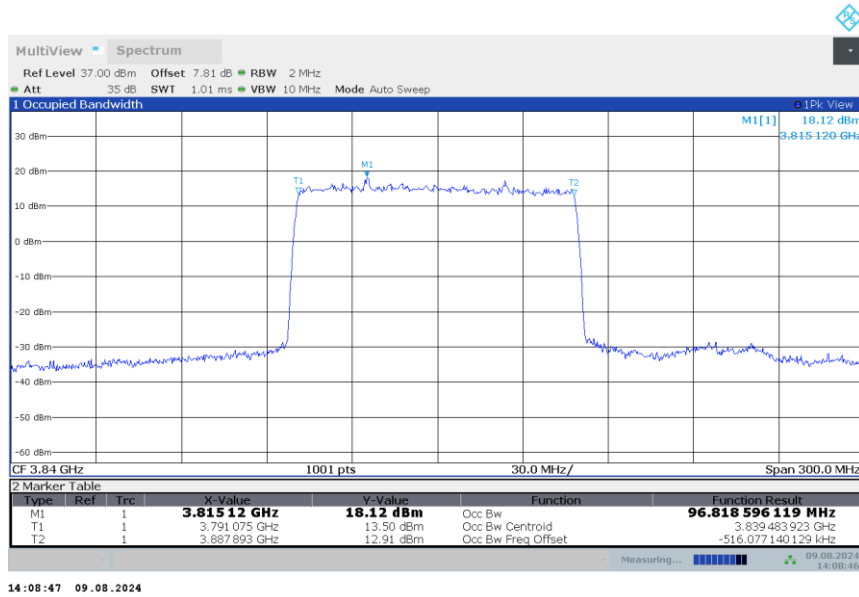
n77H,100MHz Bandwidth,DFT-s-QPSK (99% BW)
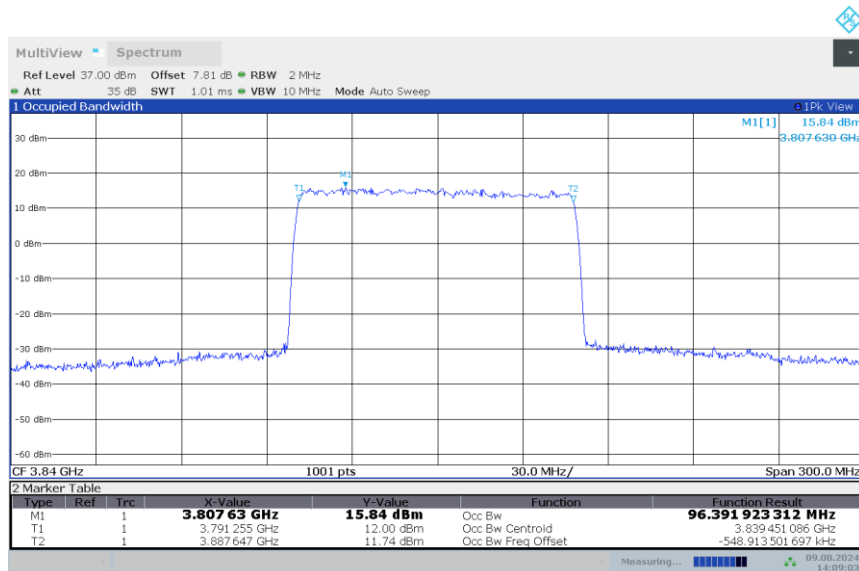
Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.626 kHz, *k* = 2.

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 ≥ 3 × RBW.

c) Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation.

d) The dynamic range of the spectrum analyzer at the selected RBW shall be more than 10 dB below the target "−X dB" requirement, i.e., if the requirement calls for measuring the −26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be at least 36 dB below the reference level.

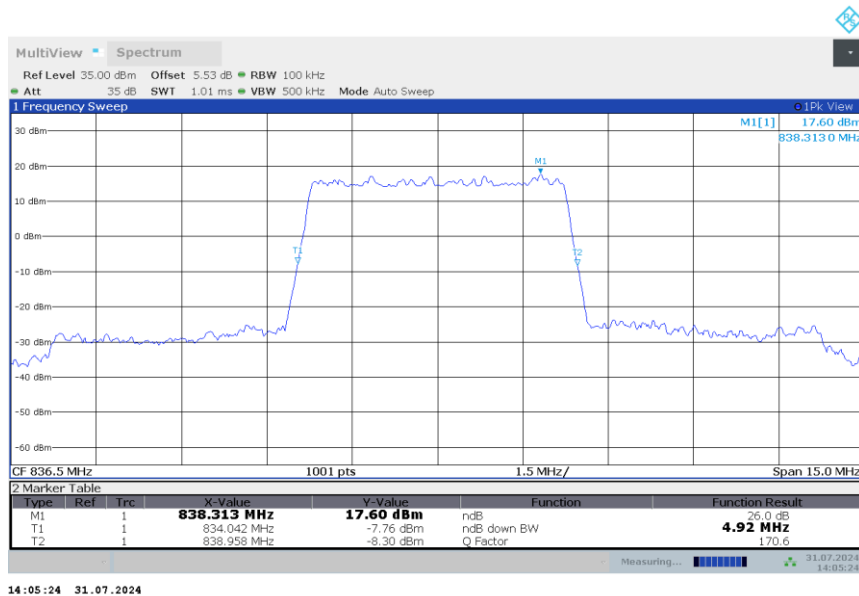e) Set spectrum analyzer detection mode to peak, and the trace mode to max hold.

n5

n5,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	4.900	4.915

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

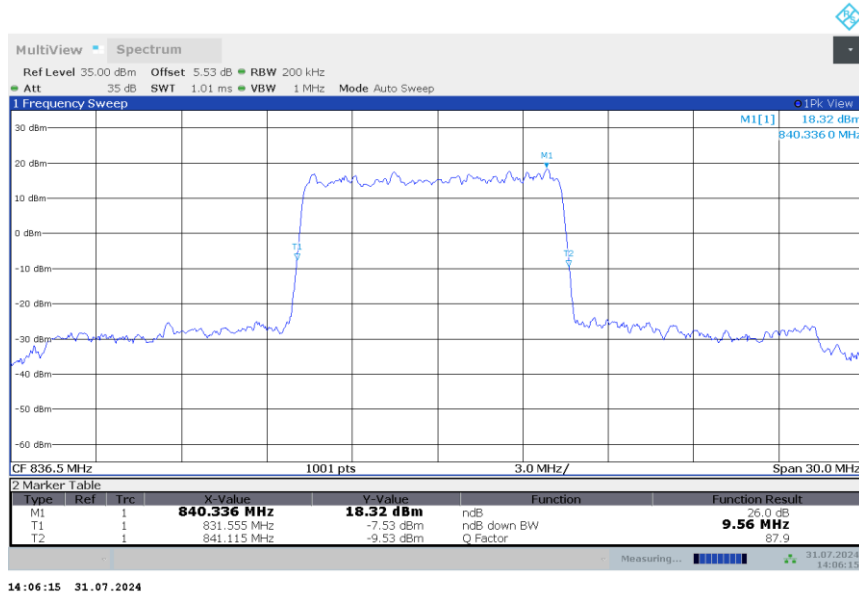### n5,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

n5

n5,10MHz(-26dBc)

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

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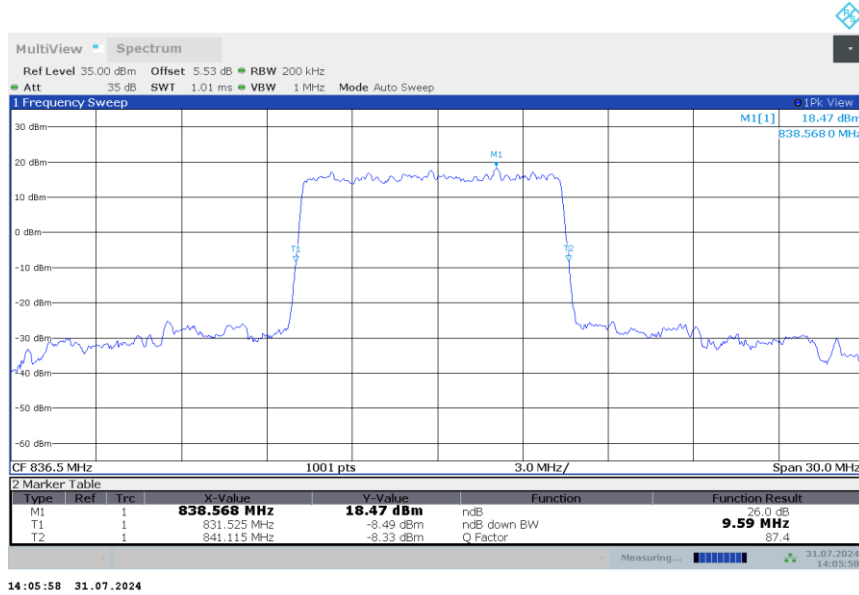
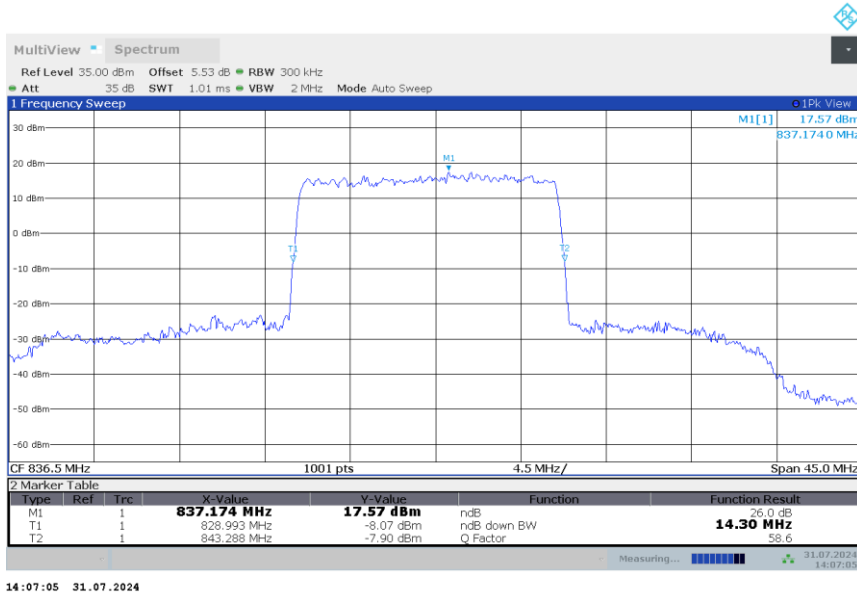### n5,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

n5

n5,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	14.251	14.296

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

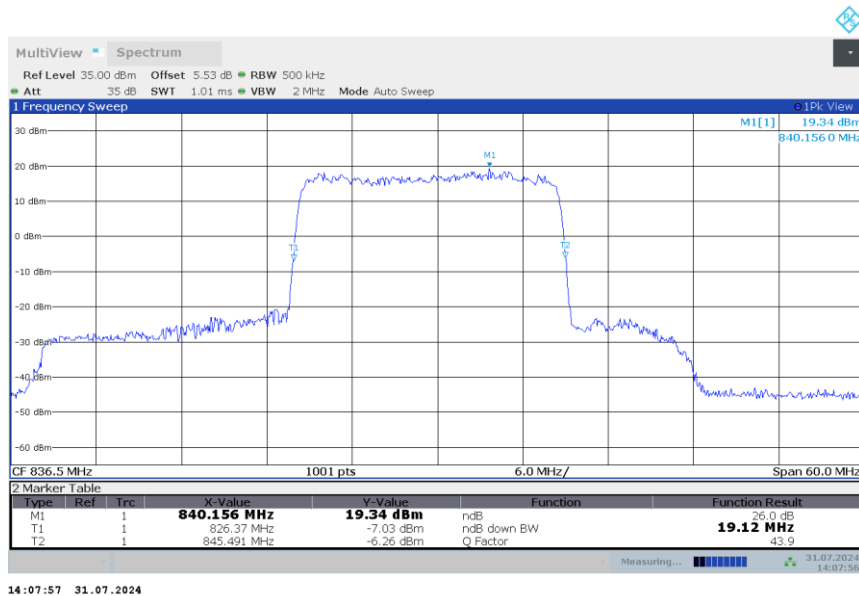**n5,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**

n5

n5,20MHz(-26dBc)

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

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

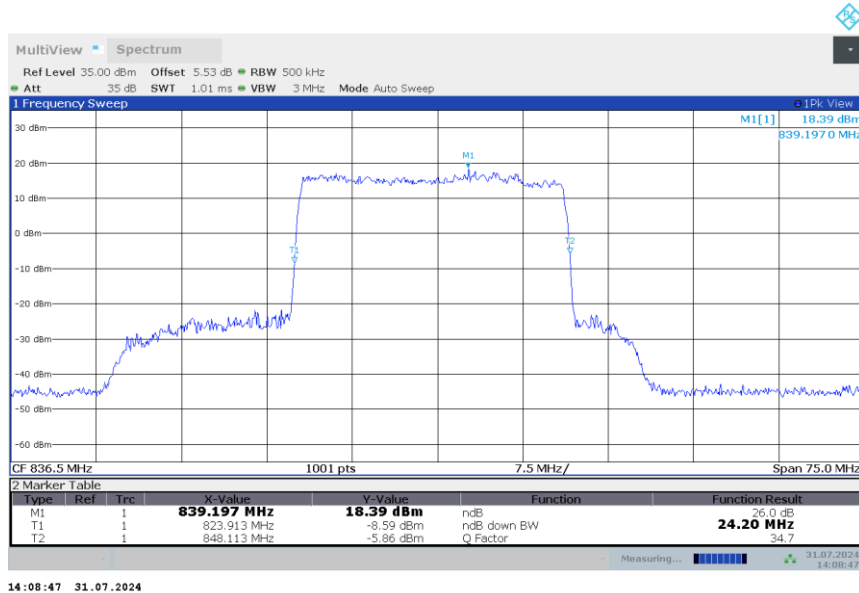**n5,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**

n5

n5,25MHz(-26dBc)

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

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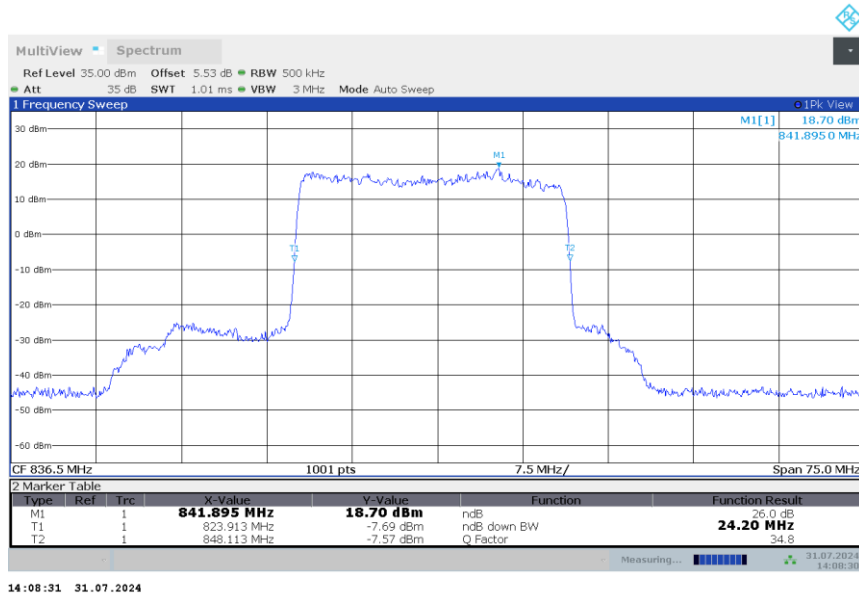
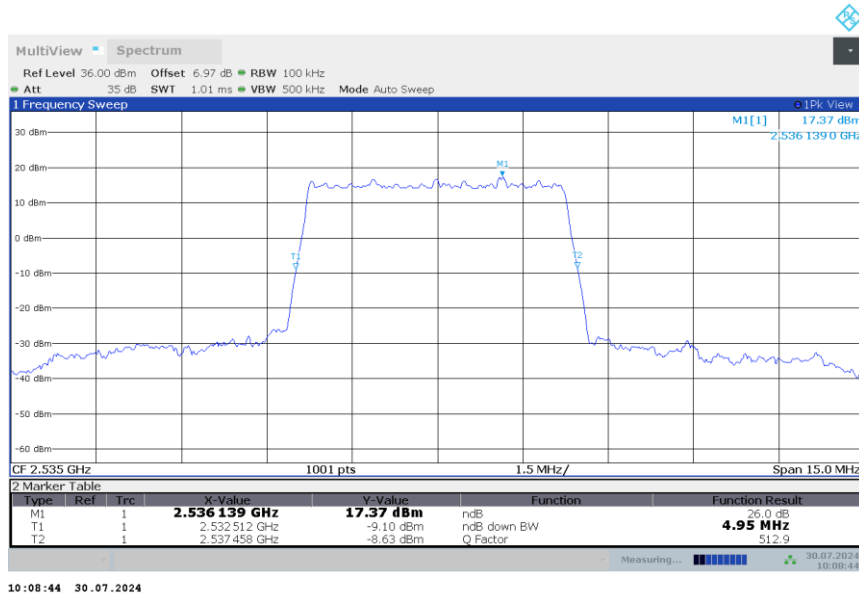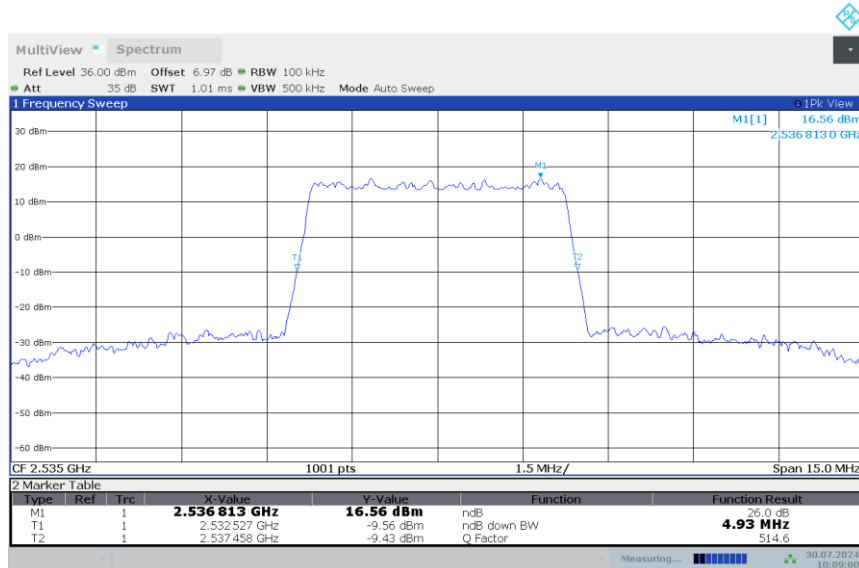**n5,25MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**

n7

n7,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	4.945	4.930

n7,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

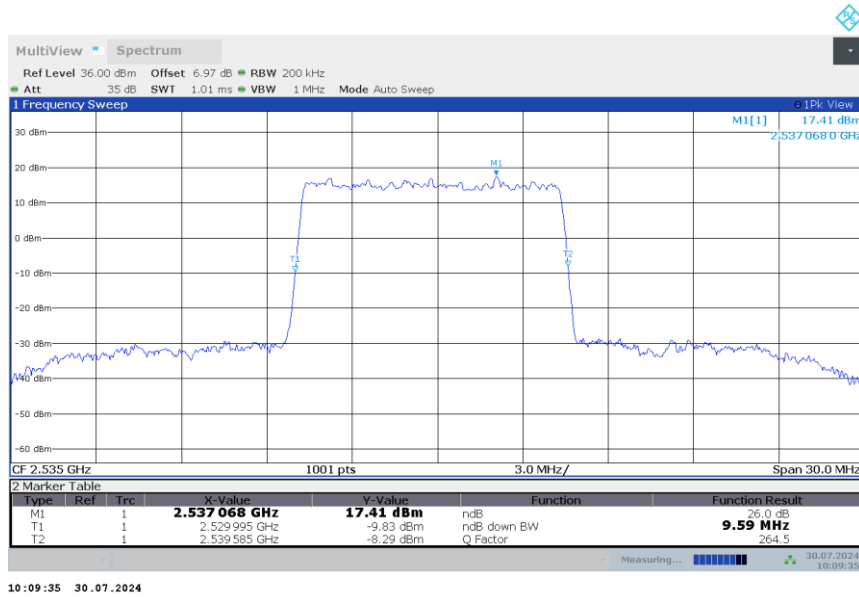### n7,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

n7

n7,10MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	9.590	9.590

n7,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

10:09:35 30.07.2024

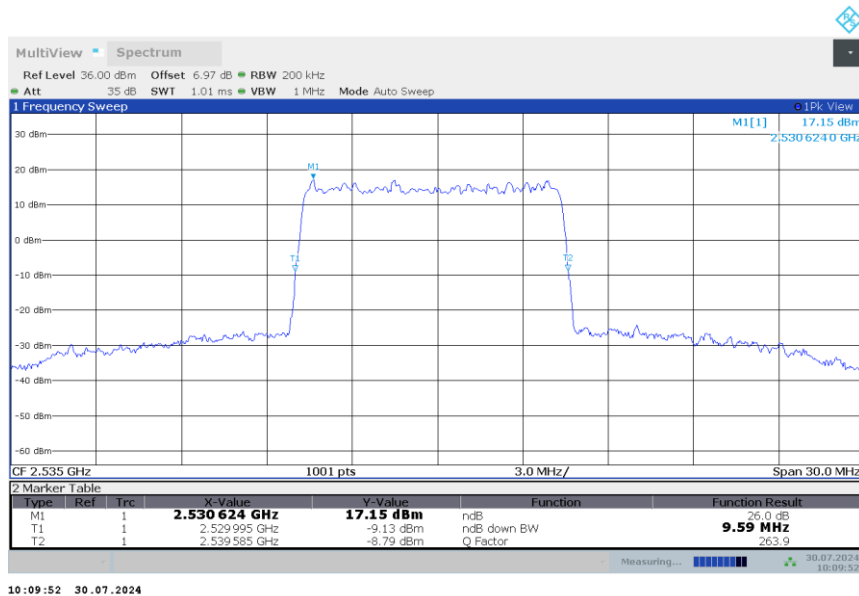### n7,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

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n7

n7,15MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	14.296	14.341

n7,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

10:10:27 30.07.2024

n7,15MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

10:10:43 30.07.2024
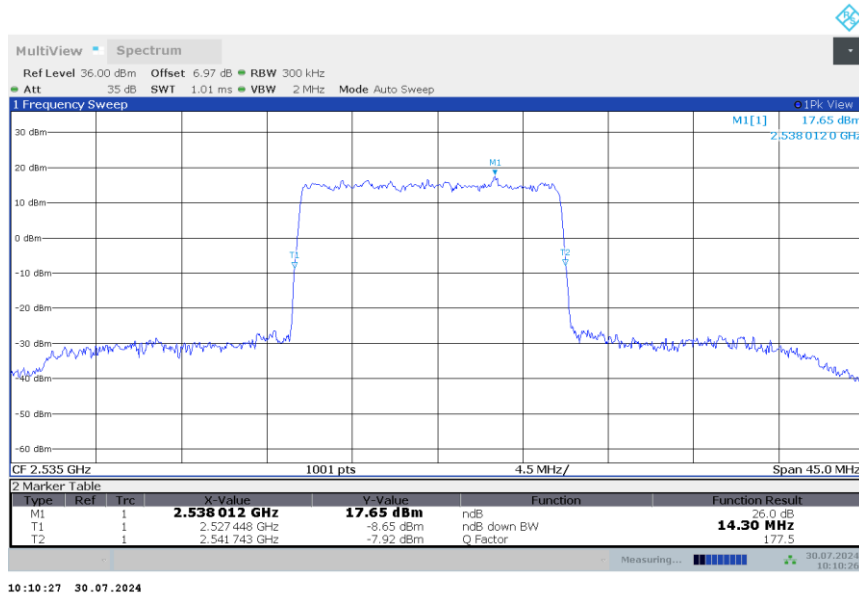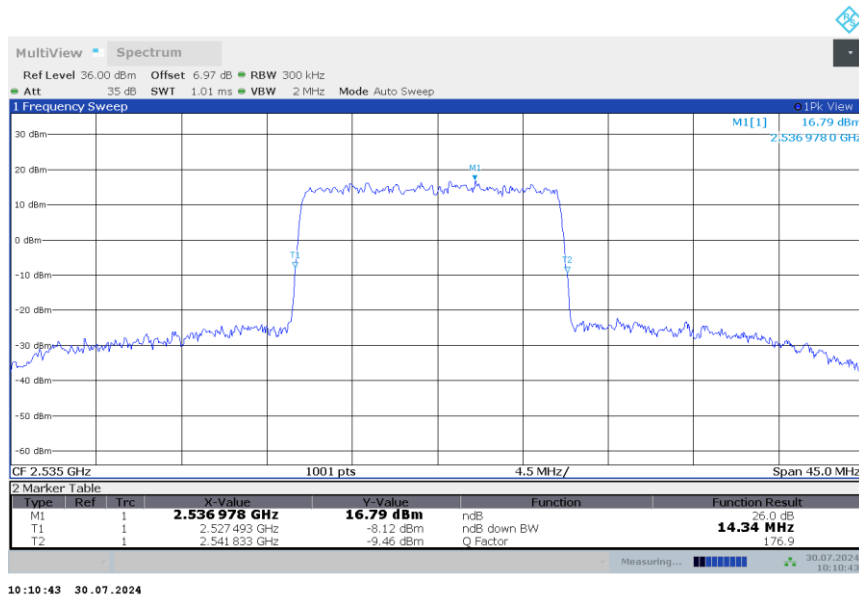
n7

n7,20MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	19.181	19.241

n7,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)
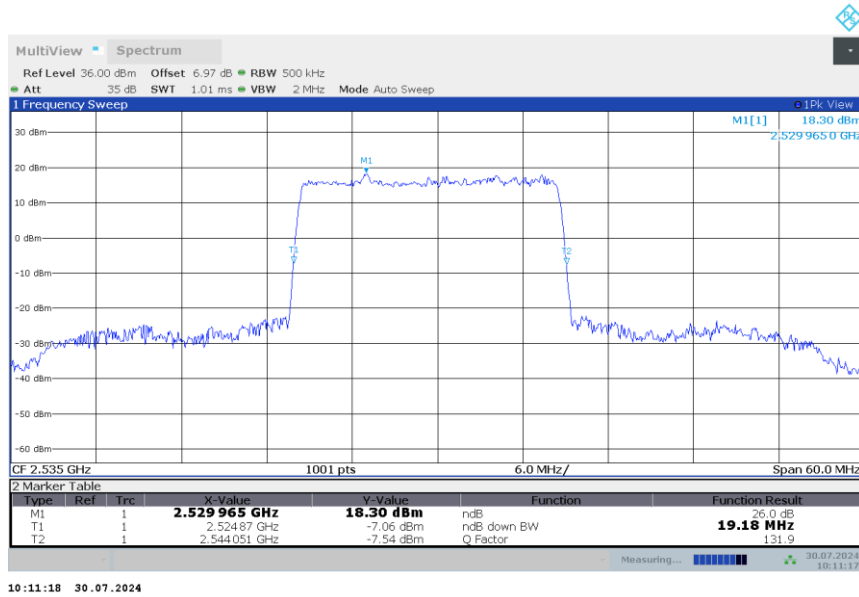
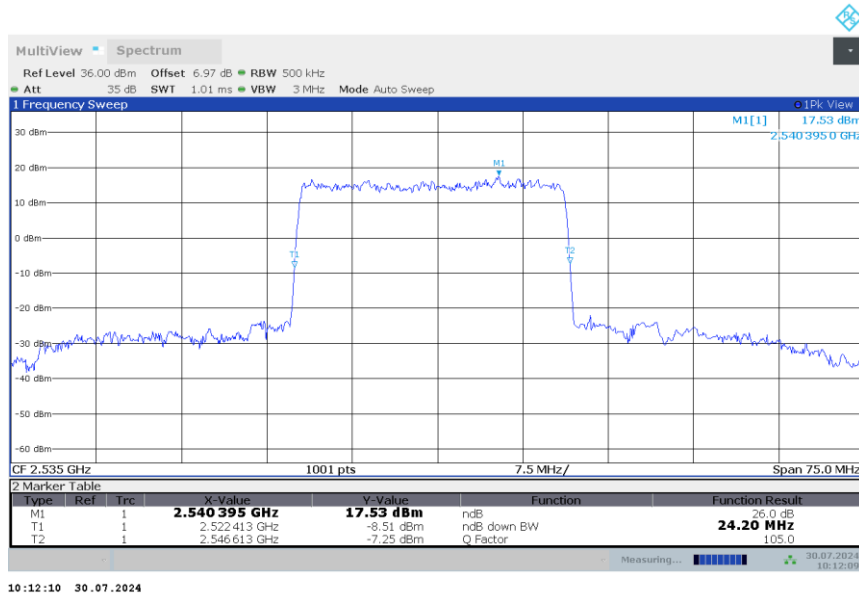**n7,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)**
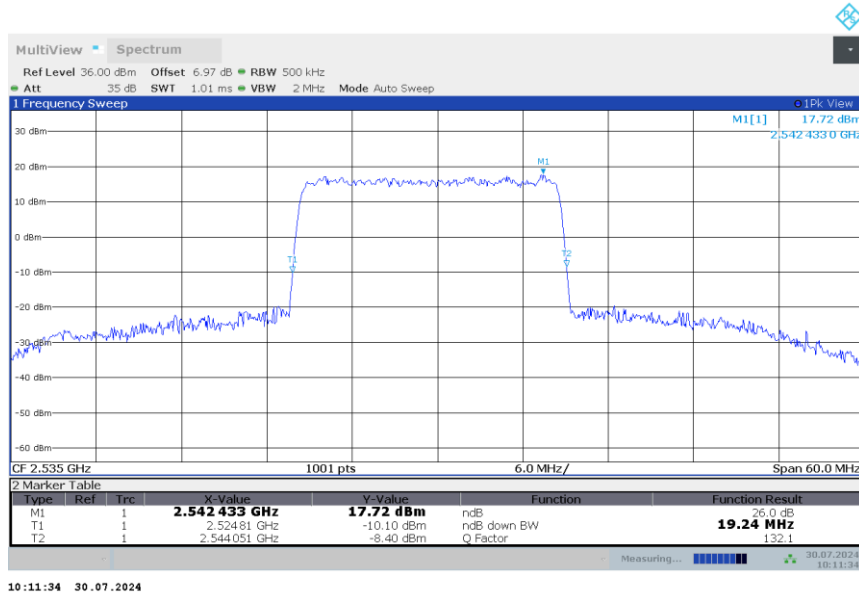
n7

n7,25MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	24.201	24.276

n7,25MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

n7,25MHz Bandwidth,DFT-s-QPSK (-26dBc BW)